

Developing healthy and green residential areas

An analysis into the health benefits of greenery and nature

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Preface

Before you lies the final graduation thesis of the Master Management of the built environment of the technical university of Delft. This master thesis will contain the research that has been performed as part of the graduation process. The goal of the research is to determine if a relation can be established between the health of the inhabitants of the Netherlands and the effect of nature. This research sets itself apart by dividing nature into different landscapes and examining the quality of those individually. The quality of the landscapes will be determined by the living locations of selected birds. hopefully this research will build upon the already existing research into the relation between nature and health. Hopefully the findings from this research into the effects per landscape will present interesting results and will contribute to the overall knowledge.

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This document is partly inspired by my love of nature. As long as I can remember I have been fascinated by all types of vegetation. From the trees growing in the small forest near the place where I live, the field of grass that which characterizes the Dutch landscape to the dunes and the sea not 30 minutes away. During my study at the TUDelft there have been love could be expressed. This was mostly during architectural assignments. However, this is the first moment where I could combine my idea that cities could be improved with nature and my love for the management of urban areas could be combined.



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Summary

Introduction

At the start of the 20th century 48% of the land available was covered by forests. For wild grasslands and shrubs this percentage was 27%. A little more than a century later the amount of forest has been reduced by 10% and the amount for wild grasslands and shrubs has been reduced by 13%. During the period between 1900 and 2000 the amount of biodiversity in the Netherlands was reduced from 40% to 15%. This means that of all the flora and fauna 15% is part of the original nature can be found in these regions. The area in the Netherlands that has experienced the largest reduction of biodiversity is the urban area in the west of the Netherlands called the Randstad. The reduced space is used to increase the amount of land for crops and most importantly meat production. Forests, grassland, and shrubs are complex ecosystems where a variety of organisms live. This biodiversity is essential since the reason that these organisms can coexist is because they depend on each other to receive the resources that they require. Farmland focuses on one type of landscape with one function. Thus provides a habitat for only a select number of organisms. This has led to a worldwide reduction of the quality of the biodiversity with as a result the risk of losing a million different species (WWF,2020).

The Netherlands is not an exemption to this global crisis. During the period between 1900 and 2000 the amount of biodiversity in the Netherlands was reduced from 40% to 15%. This reduction was the reason that the Dutch government has made the goal to increase the quality of nature in the Netherlands. The Dutch ministry of Health in cooperation with the United Nations has already made a large amount of progress in this aspect with the TEEB calculator. However, the TEEB calculator has its shortcomings. Namely that this calculation does not work optimal in urban areas like cities. A reason for this could be that a stroke of greenery can have a different function in the suburbs than in a city. A second shortcoming of

this calculator is that to calculate the contribution of greenery and nature on the mental health the area in m² is used. A negative consequence of this calculation is that areas with a lower quality of nature are in this calculation equal to areas with a higher quality. Although multiple studies have shown that there is a difference in the type of greenery and its effect on the human conditions.

Problem

definition

There is currently an insufficient amount of information regarding the relation between nature and the diverse types of landscapes and the quality of nature. Due to this lack of information, it is impossible to create area programs that fully benefit from the positive effects. As a result, Municipal workers and developers create the limited amount of nature required, regardless of the needs of the surrounding area. This reduces the biodiversity in the Netherlands even further while municipalities and the national government should increase the overall biodiversity of the country. By continuing this practice any positive health benefits for the local inhabitants is withheld.

This has problem has led to the following research goal:

To search for a relation between the landscape and the quality of nature and human health in the Netherlands.

The main hypothesis of this research: document that will be proven or disproven is: Diverse types of nature positively influences the health of the people living in the Netherlands.

The hypothesis consists of multiple aspects that need to be answered in order to answer the main hypothesis. These aspects are:

The amount of biodiversity has a positive influence on the health of the inhabitants of the Netherlands.

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There is a difference between landscapes and the amount of positive influence on the health of the inhabitants of the Netherlands.

landscapes which predominantly consist of greenspaces have a larger positive influence on the overall health than areas without greenery.

The main relevance of this study is related to planners, designers and Teeb. With a broader understanding of the positive effects of nature, planners could use this to create urban plans that fully utilize this effect. Designers could use this research to gain a more in-depth knowledge about what kind of habitats need to be created in urban areas. It invites architects and designers to think about the needs of the ecosystems surrounding and in the urban area and adapt their strategy accordingly. It was previously mentioned before that Teeb has its shortcomings. With the knowledge provided by this research or the research that are inspired from this study the Teeb calculator could become more refined.

Purpose

The overall purpose of this paper is to stimulate the development of green areas or redesign existing ones. This has led to the following research goal:

To search for a relation between the quality of greenery and the health of the people.

Theoretical framework

Benefits of Nature and greenery

This research builds upon the multiple studies that searched for the influence of greenery on the wellbeing of people. Starting from the research by Roger Ulrich in 1984. In urban areas where the inhabitants have access to green spaces, the number of people who visit the doctor is lower than in areas that lack this access (Maas,2008). living in areas with more nature in urban areas reduces the risk of certain deceases. among the list of diseases are coronary heart disease, depression, back and neck pain, diabetes, migraine and respiratory diseases (KPMG,2012). The most considerable influence of nature on the wellbeing of people

is on mental health. Subjects were reported to have reduced amount of stress, increased amount of patience. increased amount of self-discipline, increased capacity for attention, increased recovery from mental fatigue or crisis and from psychophysiological imbalance (Russel et al, 2013).

Indicator species

This study relies heavily on the use of indicator species to generate quantifiable data. It is important to identify the indicator species that are going to be used to access a certain area. The following criteria are important for the selection of an indicator species.

1. The research questions should be able to be answered by monitoring the indicator species.
2. The aspect that the indicator species provide information about should be known beforehand. It should also be able to provide this information or else its assistance into answering the research question is limited.
3. The use of indicator species should preferably be used in combination with the right experimental control.
4. The use of the indicator species should not exceed a predetermined budget.
5. The impact of the indicator species on the decision-making process needs to be taken into account when selecting the right species.

Methodology

Data collection

Data on the general health

The Dutch department of public health, public wellbeing and sport is the ministry responsible for monitoring the health of the population. The observation size consists of three distinct levels. The first one categorizes the data on a provincial level, the second is on a district level and the last one on a neighbourhood level. included in the analysis are physical activities,

weight, smoking, physical health, fear and depression, stress, and loneliness.

Data on the indicator species

The success of this study stands and falls with the data on the indicator species. The data serves two purposes. At first the data on the indicator species is used to determine the landscape. Secondly the data is used to determine the quality of the surrounding nature. There is no such thing as one landscape and not all nature has the same quality in the Netherlands. To determine both the type of landscape and the quality of that type of nature the habits of birds will be analysed. The data concerning the different landscapes is retrieved from the document called: Hotspots of biodiversity in the Netherlands based on the data of breeding birds. This document is created by SOVON. The data concerning the quality of nature is found by locating the indicator species presented by the nature two thousand. The location of the indicator species is found on the website of SOVON.

Transformation of the available data

In this part the process of creating the maps necessary to determine the quality of nature is discussed. The first phase consists of collecting the maps provided by SOVON indicating the areas that can be categorized as a certain landscape. The second phase is using those maps in combination with the location of the indicator species to create maps that shows the amount of indicator species in an area.

Grading the biodiversity of the different areas in the Netherlands

This part will explain the process of grading the nature in a location. For this task, the use of a computer program that would allow for different maps to be placed on top of each other is essential. This would allow the indicator maps to be shown on top of the maps showing the neighbourhoods. The first map shows the different neighbourhoods and municipalities, and the second map shows the situation in which the map of the amount of indicator species is placed on top of the map of the neighbourhood. At first a municipality is

chosen from the list of municipalities and neighbourhoods of the Netherlands. Secondly the location of the municipality is found with the use of google maps. After having found the location on google maps it is possible to locate the position on the map of the neighbourhoods of the Netherlands. If a neighbourhood is found the different layers can be turned on showing the amount of indicator species for that neighbourhood. The amount of indicator species is counted and placed in an excel file.

Performing the analysis

In the previous part all the required information was gathered. In this part the analysis is performed to determine if there is a significant relation between the amount of biodiversity in an area and the health of the residents. The method used will be a mixed model analysis. Beside a significance relation the effect and the R-squared is calculated. An effect size between 0,5 and 0,8 would indicate a medium effect. Lastly, a number between 0,8 and 1,4 would indicate a large effect. An R-squared below 1,0% is not taken into consideration since the effect is not relevant.

validation

An important aspect of the analysis is validation. A simple check can be performed on the amount of skewness and the amount of kurtosis of the data. Generally, if the kurtosis and skewness is above 1,5 and lower than -1,5 additional measure have to be taken in order to create valid results. This shows that the amount of kurtosis and skewness is low. However, there are aspects of health with a score that exceeds the desired amount of 1,5 and -1,5. During the analysis it might become apparent that the skewness and kurtosis deform the results of the data. When this happens, a bootstrap can be performed in order to create a mean that has a larger reliability.

Results

This part of the documents focusses on the results that are generated from the analysis. This part is divided by the various aspects of health

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Overall health

Mixed Model:

Health RIVM

	Sig.
Smoking	0,000
Obesity	0,000
Heath, raised moor and shifting sand	0,002
Open agricultural area	0,042
Beaches	0,007
Half open and closed agricultural area	0,114
Dunes	0,101
Forest	<0,001
Swamp	0,002

a. Dependent Variable: Health RIVM

This test indicates that besides smoking and obesity, the landscape heath, raised moor and shifting sand, the landscape beaches, the landscape forest and the landscape swamp have a significant effect on the health. The previous analysis focused on the different landscapes and their perceived effect on health. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

Smoking

Mixed Model:

Smoking RIVM

	Sig.
Smoking	
Obesity	<0,001
Heath, raised moor and shifting sand	<0,001
Open agricultural area	<0,001
Beaches	0,565
Half open and closed agricultural area	<0,001
Dunes	0,164
Forest	<0,001
Swamp	<0,001

a. Dependent Variable: Smoking RIVM

This test indicates that besides obesity, the landscape heath, raised moor and shifting sand, the landscape open agricultural area, the landscape half open/ closed area, the landscape forest and the landscape swamp have a significant effect on the percentage of smokers. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

Obesity

Mixed Model:

Obesity RIVM

	Sig.
Smoking	<0,001
Obesity	
Heath, raised moor and shifting sand	<0,001
Open agricultural area	<0,001
Beaches	0,003
Half open and closed agricultural area	<0,001
Dunes	<0,001
Forest	<0,001
Swamp	<0,001

a. Dependent Variable: Obesity RIVM

This test indicates that besides smoking the landscape heath, raised moor and shifting sand, the landscape open agricultural area, the landscape beaches, the landscape half open/ closed agricultural area, the landscape dunes, the landscape forest and the landscape swamp have a significant effect on the percentage of obesity and morbid obesity. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

Morbid obesity

Mixed Model:

Morbid Obesity RIVM

	Sig.
Smoking	0,000
Obesity	0,000
Heath, raised moor and shifting sand	0,004
Open agricultural area	0,013
Beaches	0,018
Half open and closed agricultural area	<0,001
Dunes	<0,001
Forest	0,004
Swamp	0,039

a. Dependent Variable: Obesity Morbid RIVM
This test indicates that besides smoking and obesity the landscape heath, raised moor and shifting sand, the landscape open agricultural area, the landscape open agricultural area, the landscape beaches, the landscape half open/closed agricultural area, the landscape dunes, the landscape forest and the landscape swamp have a significant effect on the percentage of morbid obesity. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

Chronic physical conditions

Mixed Model:

Chronic conditions

	Sig.
Smoking	<0,001
Obesity	0,000
Heath, raised moor and shifting sand	<0,001
Open agricultural area	0,002
Beaches	<0,001
Half open and closed agricultural area	0,015
Dunes	<0,001
Forest	<0,001
Swamp	<0,001

a. Dependent Variable: Physical Health Cron RIVM
This test indicates that besides smoking and obesity, the landscape heath, raised moor and shifting sand, the landscape open agricultural area, the landscape beaches, the landscape half open/ closed agricultural areas, the landscape dunes, the landscape forest and the landscape swamp have a significant effect on the percentage of inhabitants with chronic physical conditions. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

Medium risk of fear/depression

Mixed Model:

Medium Risk

	Sig.
Smoking	0,000
Obesity	<0,001
Heath, raised moor and shifting sand	0,025
Open agricultural area	0,005
Beaches	0,001
Half open and closed agricultural area	0,161
Dunes	0,257
Forest	<0,001
Swamp	0,004

a. Dependent Variable: Fear Depression Medium Risk RIVM
This test indicates that besides smoking and obesity, the landscape heath, raised moor and shifting sand, the landscape open agricultural areas, the landscape beaches, the landscape forest, and the landscape swamp have a significant effect on the percentage of inhabitants who have a medium risk for fear/depression and inhabitants. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

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High risk of fear/depression

Mixed Model:

High Risk

	Sig.
Smoking	0,000
Obesity	<0,001
Heath, raised moor and shifting sand	0,008
Open agricultural area	0,061
Beaches	<0,001
Half open and closed agricultural area	0,266
Dunes	0,069
Forest	0,002
Swamp	0,253

a. Dependent Variable: Fear Depression High Risk RIVM

This test indicates that besides smoking and obesity, the landscape heath, raised moor and shifting sand, the landscape beaches and the landscape forest have a significant effect on the percentage of inhabitants who have a high risk of fear and depression. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

Loneliness

Mixed Model:

Loneliness

	Sig.
Smoking	0,000
Obesity	0,000
Heath, raised moor and shifting sand	<0,001
Open agricultural area	0,004

Beaches	<0,001
Half open and closed agricultural area	0,764
Dunes	0,990
Forest	<0,001
Swamp	0,108

a. Dependent Variable: Loneliness RIVM

This test indicates that besides smoking and obesity, the landscape heath, raised moor and shifting sand, the landscape open agricultural area, the landscape beaches and the forests have a significant effect on the percentage of inhabitants who experience loneliness. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

Severe loneliness

Mixed Model:

Severe Loneliness

	Sig.
Smoking	0,000
Obesity	0,000
Heath, raised moor and shifting sand	0,002
Open agricultural area	0,003
Beaches	<0,001
Half open and closed agricultural area	0,640
Dunes	0,475
Forest	<0,001
Swamp	0,113

a. Dependent Variable: Loneliness Severe RIVM
 This test indicates that besides smoking and obesity, the landscape heath, raised moor and shifting sand, the landscape open agricultural area, the landscape beaches and the forests have a significant effect on the percentage of inhabitants who experience loneliness. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

Stress

Mixed Model:

Stress

	Sig.
Smoking	0,000
Obesity	0,000
Heath, raised moor and shifting sand	<0,001
Open agricultural area	<0,001
Beaches	<0,001
Half open and closed agricultural area	0,028

Dunes	0,238
Forest	0,063
Swamp	0,530

a. Dependent Variable: Stress RIVM
 This test indicates that besides smoking and obesity, the landscape heath, raised moor and shifting sand, the landscape open agricultural area, the landscape beaches and the landscape half open/ closed agricultural areas. have a significant effect on the percentage of inhabitants who experience stress. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

Meeting the standard of physical activities

Mixed Model:

Exercise Norm RIVM

	Sig.
Smoking	0,022
Obesity	0,000
Heath, raised moor and shifting sand	0,058
Open agricultural area	0,055
Beaches	0,026
Half open and closed agricultural area	0,073
Dunes	<0,001
Forest	0,145
Swamp	0,053

a. Dependent Variable: Exercise Norm RIVM
 This test indicates that besides obesity, the landscape beaches and the landscape dunes has a significant effect on the percentage of inhabitants who meet the standard number of physical activities. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

Calculating the R-squared

In the first part of the analysis the areas and the amount of indicator species who share a significant relation which each other were formulated. This research will count an effect as valid if the R-square has a value of one percent or higher. This is done since a one percent increase in the health of the population would mean that the health of a

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large amount of people are affected by the effect.

Name	Region Type	<i>heath, raised moor and shifting sand</i>	<i>Open agricultural areas</i>	<i>Salt marsh areas and beaches</i>	<i>Half open and closed agricultural areas</i>	<i>Dunes</i>	<i>Forrest</i>	<i>Swamp</i>
Utrecht	Municipality	0	0	0	1	0	1	0
Noordoost	Area	0	0	0	1	0	1	0
Vogelenbuurt	Neighbourhood	0	0	0	1	0	1	0
Lauwerecht	Neighbourhood	0	0	0	1	0	1	0
staatsledenbuurt	Neighbourhood	0	0	0	1	0	1	0
Tuinwijk-West	Neighbourhood	0	0	0	1	0	1	0
Tuinwijk-Oost	Neighbourhood	0	0	0	1	0	1	0
Tuindorp en Van Lieflandlaan-West	Neighbourhood	0	0	0	1	0	1	0
Tuindorp-Oost	Neighbourhood	0	0	0	1	0	1	0
Voordorp en voorveldsepolder	Neighbourhood	0	0	0	1	0	1	0
Huizingalaan K. Doormanlaan en omgeving	Neighbourhood	0	0	0	1	0	1	0
Zeeheldenbuurt, Hengeveldstraat en omgeving	Neighbourhood	0	0	0	1	0	1	0
Wittevrouwen	Neighbourhood	0	0	0	1	0	1	0

Summary of the results

In the previous parts the analysis was performed. First, the areas that have a significant relation to the aspects of health were formulated. Secondly, the effect size of these areas was calculated. Thirdly, R-squared was calculated which explains the proportion of the dependable variable that can be explained by the independent variable. This has shown that not all the findings have a significant effect. This could mean that an area has a significant effect which means that there is a high change that the areas influences the aspects of health. However, if the effect is not relevant that particular areas will not be taking into further considerations

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Aspect of health	Landscape	R-squared	Effect of the area	Number of indicators species	Effected number of indicator species	Size of the effect
Smoking	Half open/closed agricultural	1,3%	Positive	one	Without this landscape or without any indicator species	small
Obesity	Open agricultural	1,8%	Negative	one	Without this landscape or without any indicator species	small
			Negative	two	Without this landscape or without any indicator species	small
			Negative	three	Without this landscape or without any indicator species	medium
	Half open/closed agricultural	1,3%	Negative	one	Without this landscape or without any indicator species	small
	Forests	1,0%	Positive	one	Without this landscape or without any indicator species	small
			Positive	two	Without this landscape or without any indicator species	small
			Positive	three	Without this landscape or without any indicator species	medium
Medium risk of fear/ depression	Forests	2,4%	Negative	one	Without this landscape or without any indicator species	small
			Positive	Two	One	small
High risk of fear/ depression	Forests	1.8%	Negative	one	Without this landscape or without any indicator species	small

Aspect of health	Landscape	R-squared	Effect of the area	Number of indicators species	Effected number of indicator species	Size of the effect
Loneliness	open agricultural	2,6%	Positive	two	Without this landscape or without any indicator species	small
	Forests	1,7%	Negative	One	Without this landscape or without any indicator species	small
Severe loneliness	open agricultural	1,5%	positive	two	Without this landscape or without any indicator species	small
	Forests	2,3%	negative	one	Without this landscape or without any indicator species	small
Stress	open agricultural	4,3%	Positive	one	Without this landscape or without any indicator species	small
Meeting the standard of physical activity	Dunes	1,8%	Positive	one	Without this landscape or without any indicator species	medium
			Positive	two	Without this landscape or without any indicator species	medium

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Relation of the results with the hypotheses

In the first part of this document the hypothesis was formulated. This part will answer the different aspects of the hypothesis

The amount of biodiversity has a positive influence on the health of the inhabitants of the Netherlands.

The assumption would be that since biodiversity has an impact on the health of humans this would be visible in the results. However, if the relevant results are observed this phenomenon is not present. The different amount of indicator species do have a significant and relevant with areas without this landscape or without any indicator species.

There is a difference between landscapes and the amount of positive influence on the health of the inhabitants of the Netherlands.

If the summarized result are observed it can be noted without a doubt that the landscapes open/closed agricultural areas, dunes and forest areas are present in the summary of the result while the landscapes heath, raised moor and shifting sand, beaches and swamps are obviously absent. It can also be noted that there is a clear distinction about the relation of nature and the different aspects of health. The aspect of health that relate to the physical aspect of health are significantly lower. This is shown by the percentage of effect related to smoking and obesity. At the same time, the aspects of health overall health and physical conditions were not even significant enough to be mentioned in the summary.

landscapes which predominantly consist of greenspaces have a larger positive influence on the overall health than areas without greenery
Similar to the second hypothesis the original assumption that nature has an exclusively positive influence on the health of the inhabitants needs to be discarded. However, it can still be observed that areas with larger amount of literal greenery have a larger influence on health. A more accurate statement could be Areas with visible green vegetation have a larger influence on the health of the inhabitants. The influence could be positive or negative depending on the aspect of health.

Recommendations

In the part one: introduction the relevant parties that could benefit from this research were formulated. These parties are planners, designers and the Teeb calculator. Additional to the parties formulated in the first part the specific health care organizations and further research will also be included in the recommendations

Planners

the findings from this research could be used by planners as additional proof that greenery contributes to the mental health of the inhabitants. It also provides a guide on the effects of which landscape. Additional to this this research has also shown that improving already existing areas has a limited effect.

Designers

the findings from this research could be used by designers as an argument to implement greenery in their design. This could be especially interesting for designing offices. Since the employees in office buildings often experiences stress.

Teeb calculator

The Teeb calculator does not take the landscape into account when calculating the financial benefits of implementing greenery in an area. This research has shown that not all greenery have the same benefits. The Teeb calculator could already take this into account.

Health care organization

This research might be especially useful for mental health care facilities. Since the patients in these institutions suffer from a variety of mental disorders implementing greenery could improve the recovery process.

Additional research

Multiple opportunities for follow up research. These are: combinations of landscape, type of vegetation, water, and isolated experiments As mentioned in the discussion this research does not take a mixture of landscapes into account. Additional research could be performed to not only establish if a combination of multiple landscapes an

indicator species has additional effect on the aspects of health, but also which combination is the most optimal.

Also mentioned in the discussion is that this research does not focus on the individual types of vegetation that could grow in the different landscapes. Additional research could identify which types of vegetation are responsible for the positive effects on the aspect of health.

This research has not taken water into consideration. However, while gathering data on the indicator species from natura 2000, it became apparent that the landscape water was also present. However additional research could be performed which includes the availability of water.

This research has shown that areas with a greenery in the form of the landscapes open agricultural areas, half open/ closed agricultural areas and the forest have a positive and negative effect on the aspect of health. The next step would be to perform an experiment. First the data concerning the aspects of health needs to be documented. After this an experiment can take place where greenery is implemented. This could indicate that the original results from this research can be contributed to the greenery itself or other external factors.

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Part one: Introduction

Introduction

In this chapter the current situation, the problems that the current situation causes, and the goal of this research are described. First the motivation that sparked the interest in the research topic will be explained. In this part the overall situation is explained. Secondly, the problem statement will be discussed. This will contain a more detailed description of the problem, together with relevant background information concerning the research topic. After the problem statement a short and descriptive formulation of the problem is presented. This will provide clarity concerning the research topic and set the boundaries. To explain the situation background information is provided in combination with findings from scientific studies which will be further elaborated upon in the next chapter.

Motivation

If we choose to give forests time and space, they could recloak the earth with many rich and varied communities of animals and plants of which we have so recently robbed it. A future with more forests is key to the resilience of our planet. With these words David Attenborough finished the documentary series *Our planet*. During the program he looks back on his travels and cannot help but feel affected by the drastic changes of the global environment from the start of his career up until now. At the start of the 20e century 48% of the land available was covered by forests. For wild grasslands and shrubs this percentage was 27%. A little more than a century later the amount of forest has been reduced by 10% and the amount for wild grasslands and shrubs has been reduced by 13% (Ourworldindata, 2022). The reduced space is used to increase the amount of land for crops and most importantly meat production. Forests, grassland, and shrubs are complex ecosystems where a variety of organisms live. This biodiversity is essential since the reason that these organisms can coexist is because they depend on each other to receive the resources that they require. Farmland focuses on one type of landscape with one function. Thus provides a habitat for only a select number of organisms. This has led to a worldwide reduction of the quality of the biodiversity with as a result the risk of losing a

million different species (WWF,2020).

The Netherlands is not an exemption to this global crisis. During the period between 1900 and 2000 the amount of biodiversity in the Netherlands was reduced from 40% to 15%. This means that of all the flora and fauna 15% is part of the original nature can be found in these regions (PBL,2016). The reasons for this phenomenon are mining, intensifying agricultural land and urbanization. The government has made the goal to increase the quality of nature in the Netherlands. However, during the period between 2000 and 2017 the quality of nature has not improved nor decreased (CLO, 2018). The words from David Attenborough provide us with a warning that our current way is not sustainable and can cause many problems in the future. They also provide us with a task for the current and future generations to restore the damages caused by humanity and to create a sustainable global environment.

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Problem

The area in the Netherlands that has experienced the reduction of biodiversity the most is the urban area in the west of the Netherlands called the Randstad (CBS,2016). It is therefore no surprise that the top five most green cities are all located in the east of the Netherlands where the urban areas are less dense (Daily greenspiration, 2020). This density creates areas with a monocultural landscape and cannot function as a habitat for a variety of organisms. This situation in which cities are lacking biodiversity and nature does not only create unappealing cities it also negatively affects the health of the inhabitants. The quality of life is greatly impacted by the surrounding nature. Not only do people experience a sense of peace when they are around greenery that would relate to the mental aspect of greenery but also healthier bodies that would relate to the physical aspects. Areas with a larger amount of greenery have less carbon dioxide (CO₂), Nitrogen oxide (N₂O) and fine dust particles. Plants function as natural air filters and depending on the type of plant can be used to clean the air. (Remme et al. 2017). Nature can also have an indirect effect on the physical health of people. The WUR reports that the existence of greenery and nature nearby is a stimulus to use this area for physical activities (WUR,2021). Concerning the mental aspect, the GGZ reports that in an area that has an 50 % urbanization rate or higher negatively affects the mental health of the inhabitants (GGZtotaal,2021). The previous paragraph indicates that the relation between greenery and human health is well established in multiple studies. However, the real uncertainties arrive when these relationships are quantified.

In 2020 the world suddenly experienced an abrupt change that influenced the daily life of most of the people. A once in a century pandemic occurred which shook up the whole world. For a lot of people this meant that the office where they would usually work was closed to prevent further spreading of the virus. According to the CPB (2021) during the first wave of the virus half of all worked hours took place at home. Although this percentage gradually was reduced over time still a third of the working hours in September 2020 took

statement

place at home. During this time of isolation, it is therefore no surprise that people started to look for parks and forests to spend some time outside of their homes. During the first wave (the period between March and June) the nature areas experienced an increase of visitors of 40% (Natuurmonumenten, 2020). This increase was so drastic that the parking lots were frequently over their capacity. This shows the importance of nature and the positive effects it has on the people.

The Dutch government shares this interest. The Dutch ministry of Health in cooperation with the United Nations has already made a large amount of progress in this aspect with the TEEB calculator. With this calculator planners and the finance division of municipalities can calculate the return of the investment of greenery and nature in the city. The goal of the TEEB calculator is to support municipal workers and developers with the financial information. With this information an investment can, be more easily justified and thus will result in an increase in the amount of nature in urban areas. The calculation is based on four aspects: Health, climate adaptivity, real estate and recreation. For each of these aspects the calculator can provide an insight in the reduction of the cost because of the improvement. Considering the aspect of Health, the calculator creates a division between physical health and mental health. The contribution of greenery and nature on physical health is calculated by measuring the number of trees, grass, bushes and plants and the reduced amount of CO₂, NO₂, dust particles, etc. after the (re)development. A calculation like this would provide a decent guess as to what the return on the initial investment would be. Concerning mental health two factors are used for the calculation. The first one is the reduction of healthcare costs. Through multiple studies it became apparent that people living in an area with a larger M² of greenery have a lower healthcare cost. The second factor is the employment rate. Where multiple studies have shown that people living in an area with a larger M² of greenery have a higher employment rate. However, the TEEB calculator also mentions its shortcomings. Namely that this calculation does not work optimal in urban areas like cities. A reason for

this could be that a stroke of greenery can have a different function in the suburbs than in a city. A second shortcoming of this calculator is that to calculate the contribution of greenery and nature on the mental health the area in m² is used. A negative consequence of this calculation is that areas with a lower quality of nature are in this calculation equal to areas with a higher quality. Although multiple studies have shown that there is a difference in the type of greenery and its effect on the human conditions.

Definition of the problem

There is currently an insufficient amount of information regarding the relation between nature and the different types of landscapes and the quality of nature. Due to this lack of information, it is impossible to create area programs that fully benefit from the positive effects. As a result, Municipal workers and developers create the limited amount of nature required, regardless of the needs of the surrounding area. This reduces the biodiversity in the Netherlands even further while municipalities and the national government should increase the overall biodiversity of the country. By continuing this practice any positive health benefits for the local inhabitants is withheld.

Research goal

This problem has led to the following research goal:

To search for a relation between the landscape and the quality of nature and human health in the Netherlands.

Hypotheses

The main hypothesis of this research document that will be proven or disproven is: Different types of nature positively influences the health of the people living in the Netherlands. This hypothesis consist of three elements. The first aspects is: The amount of biodiversity has a positive influence on the health of the inhabitants of the Netherlands. The second aspect is: There is a difference between landscapes and the amount of positive influence on the health of the inhabitants of the Netherlands. The third aspect is that landscapes which predominantly consist of

greenspaces have a larger positive influence on the overall health than areas without greenery.

Relevance

Planners

The main relevance of this study is related to planners. During the planning phase the desired amount and characteristics of the greenery in the project is documented. During the negotiation phase with the other parties, it might be that due to budget cuts the amount of greenery is reduced in the final design. This causes the overall quality of urban areas to diminish. With the findings of this study planners have a larger leverage during the bargaining phase to secure the creation of the natural elements.

Architects

Sustainability is one of most used words during the architecture program at the TUDelft. Most new projects also do not shy away from using sustainability as a way to describe their design. An architect could for example place a green facade complete with an indoor garden and install solar panels on the roof. The company can then boast that their building is sustainable. This neglects the fact that the construction of the building creates more waste than the sustainable devices can reduce during its lifetime. Greenwashing is the term used to describe this phenomenon. This can also be found considering greenery. where rooftop gardens are advertised as bringing nature into urban areas but consist of a controlled environment contributing little to the overall problem of a reduction of biodiversity. This research could provide a more in-depth knowledge about what kind of habitats need to be created in urban areas. This could change the current idea that if a roof has greenery, it contributes to diversity. It instead invites architects and designers to think about the needs of the ecosystems surrounding and in the urban area and adapt their strategy accordingly.

Teeb

An important aspect of this study are the findings related to The Economics of Ecosystems & Biodiversity (TEEB). The need for more insight in this field was commissioned by multiple environmental ministers during a

Developing healthy and green residential areas

G8+5 Meeting. The goal of this initiative is to implement greenery and nature in the decision-making process in all the levels of government. It focuses on three points to achieve this goal. The first principle is to recognize the value of ecosystems, landscapes, species, and other aspects of biodiversity. The second principle is to demonstrate economic value. This enhances the chances of the policy being implemented, because it presents the full benefits and costs. The third value introduces the findings from all the research into the decision-making process through incentives and price signals (TEEBweb,2020). These concepts were the inspiration for the follow-up research performed in the Netherlands. Included in this research were the ministry of economic affairs and the ministry of infrastructure and environment. This additional research based on TEEB created the TEEB-city. Which is a calculator that somewhat accurately determines the return of the investment of investment in greenery and nature.

Purpose

The overall purpose of this paper is to stimulate the development of green areas or redesign existing ones. Planners, architects, engineers, and landscape architects have come to understand the importance of greenery and nature for the wellbeing of humans. Examples of these are plants and trees placed in city squares to combat heat islands. Another example is the placement of vertical plants in offices to stimulate workers and to improve the air quality. To accelerate the process of increasing the amount of greenery in cities it is important to provide a full documentation of the benefits. While multiple studies have been performed and are still researched the subject is too large for one study. It is therefore that the subject is divided into multiple studies. This study will focus on the quality of greenery and the positive benefits of it. This had led to the following research goal namely:

To search for a relation between the quality of greenery and the health of the people.

The product

The end product would consist of a list that provided the reader with the number of benefits that can be obtained from the different landscapes and the different quality of nature. The reader could use this data base to determine the effect of improving an area by either increasing the amount of biodiversity or applying a particular landscape.

Theoretical framework

This chapter of the document is dedicated to explaining findings from previous studies. These studies will be used to create the research goal and to support the methodology used for this research. First, the relation between human health and nature is explained. Since these findings provide the base for this research document it is important to fully elaborate upon it. The second part consists of explaining the concept of indicator species and their importance in creating a method that can transform subjective data into quantifiable data. After reviewing existing literature, a couple of essential terms will be explained.

Relation health nature

This research builds upon the multiple studies that searched for the influence of greenery on the wellbeing of people. Starting from the research by Roger Ulrich in 1984 to the present the knowledge about the positive effect of greenery on the health of people has grown significantly. A distinction can be made between studies performed into the overall effect of greenery, the physical aspect, and the mental aspect of wellbeing.

Overall wellbeing

In urban areas where the inhabitants have access to green spaces, the number of people who visit the doctor is lower than in areas that lack this access (Maas,2008). As mentioned before, the presence of nature among other things reduces the pollution on the air, invites physical activities and cools down urban areas. As a result, living in areas with more nature in urban areas reduces the risk of certain diseases. among the list of diseases are coronary heart disease, depression, back and neck pain, diabetes, migraine and respiratory diseases (KPMG,2012)

Research done by the Cultural Ecosystem Services Working Group tried to search for the connection between greenery and the wellbeing of humans. This research used a meta-analysis to determine the effect of knowing, perceiving, interacting, and living within green spaces on the physical health, mental health, spiritual health, Certainty, sense of control and security, learning and capability, inspiration and fulfilment of imagination, sense

of place, identity and autonomy, connectedness and belonging and subjective wellbeing. The most relevant subjects for this study are physical health and mental health. To evaluate the greenery and nature in the observed area it is important to understand the multiple components that can influence the health conditions of the inhabitants. research performed by Buxton, Pearson, et al (2020) studied the effects of sound on the experience of nature and greenery. The results from the study show that exposure to the natural sound has a positive effect on the health of the participant. This is shown in the reduction of stress. The opposite might also be through where a lack of natural sound can induce stress and stress-related issues. greenery can also indirectly affect the overall wellbeing. This can be done by affecting the circumstances that influence the wellbeing. The temperature in the urban areas is an example of this. During warmer periods and heat waves in the summer the temperature in urban areas rises to such a level that it becomes dangerous for babies and the elderly. Urban areas often contain buildings with darker materials such as asphalt and concrete. This raises the temperature since the darker materials absorb more sunlight. At the same time, these materials also retain the amount of heat for a longer period and release the heat at a slower pace. The composition of the cities makes it so that the speed of the wind is reduced and due to a lack of open soil there is only a small amount of natural evaporation. The difference between the temperature of urban areas and rural areas is called the urban heat island effect (e.g. Kovats & Hajat, 2008).

Physical health

More earlier studies focus on the relation between the recovery rate of patients and the environment in which the patients reside. Research performed in the United States showed the importance of local green areas. From the 2000 people who were interviewed the larger number identifies the importance of the park as the most common place where they performed exercises. It also became apparent that the distance to the park is the most important factor when considering the usage of the park. This shows that local parks can contribute to the physical health of the

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neighbourhood by providing a space to perform exercises (Cohen et al, 2007) Green spaces in urban areas do not only contribute to the health of young people but also contribute to the wellbeing of the elderly. A study from Japan tried to identify a possible link between the longevity of elderly people and urban green spaces. The last part in this study refers to parks and streets with multiple trees. In addition to this the green space must be in close proximity in order for the person to walk to those places. This study shows that when considered the age, sex, marital status and the socioeconomic status of the persons a link can be found between having green spaces in a close proximity and the longevity of elderly people in urban areas (Takano et al, 2002). Urban greenery can not only increase longevity, but also reduce the risk of strokes. A study in Florida looked at the relation between the risk of stroke mortality, the exposure to greenery and high levels of air pollution. This last aspect consists of pollution generated by traffic and individual polluters. inhabitants of urban areas have a higher risk of stroke mortality in areas with low exposure to green areas and higher levels of air pollution (Hu, Libens and Rao, 2008)

Mental health

The most significant influence of nature on the wellbeing of people is on mental health. Subjects were reported to have reduced amount of stress, increased amount of patience. increased amount of self-discipline, increased capacity for attention, increased recovery from mental fatigue or crisis and from psychophysiological imbalance (Russel et al, 2013). Similar findings have been reported by Epidemiol community health. Cohen-cline and Turkheimer researched the relation between green spaces and the mental health of adult twins. This study indicates a reduced number of cases of depression in the test subject who had access to more greenery. This research also took factors like income, physical activity, neighbourhood deprivation and population density into account (Cohen-cline and Turkheimer, 2015) A study performed by Erja Rappe and Paivi Topo tried to identify the positive effect of greenery on elderly people suffering from dementia. The patients with dementia were calmed by the presence of

greenery. Additionally, plants that stimulate the different senses of the patients have shown to trigger memories and create associations in their mind. Furthermore, greenery has shown to reduce depression and enhance social well-being. A positive effect that was noted during this study was that family members of the patients would spend more time with their family if they had the opportunity to spend time with them in a natural setting (Rappe and Topo, 2007).

Indicator species

This study relies heavily on the use of indicator species to generate quantifiable data. Indicator species are species of animals that can provide information by analysing their numbers and whereabouts. This is useful since measuring biodiversity would mean researching and documenting all the individual components. This would not only be costly but also highly impractical. In the case of biodiversity keystone species can function as a benchmark to which areas can be compared to each other. These biodiversity indicators are already the most used practice in monitoring and measuring systems. The species used can consist of animals, plants, bacteria or fungi. Keystone species are characterized for being an essential part of the local habitat. This means that if due to circumstances the key species is removed from this habitat it will change the biodiversity and the structure of the ecosystem. In general ecosystems are quite complex and all the components have their purpose. However key species transcend the role of the other actors in ecosystems in their importance. An example of a keystone species is the *Pisaster Ochraceus*. A starfish found in waters at the northwest coast of north America. This small invertebrate animal is responsible for maintaining the local diversity. If this animal suddenly vanishes from its local ecosystem the mussel population would grow to such an extent that other species are expelled from the area due to a lack of living space. However, the starfish is only a keystone species in habitats where the starfish and the mussel both reside, and both support the species diversity. This means that in areas with a different composition of flora and fauna the starfish cannot be categorized as a keystone species since its effect on the overall

structure and biodiversity on the community is insignificant. Another example of a key species are fig plants. This shows that to be able to function as a key species, the organism does not need to be part of the animal kingdom. Since figs produce fruits all year round, they have become an essential part of the diet of birds and mammals in times when food is scarce. Without this crucial dietary element, the plurality of species would not be able to remain in this habitat. It is important to identify the indicator species that are going to be used to access a certain area. The following criteria are important for the selection of an indicator species.

6. The research questions should be able to be answered by monitoring the indicator species.
7. The aspect that the indicator species provide information about should be known beforehand. It should also be able to provide this information or else its assistance into answering the research question is limited.
8. The use of indicator species should preferably be used in combination with the right experimental control.
9. The use of the indicator species should not exceed a predetermined budget.
10. The impact of the indicator species on the decision-making process needs to be taken into account when selecting the right species.

Part two: Methodology

Introduction

In this chapter the methodology of this thesis will be elaborated upon. There are four tasks that will need to be elaborated upon to provide clarity about the research process. The first task will be collecting the research data. The second task would be the transformation of the available data into usable maps. The third task will be using the created maps to grade the quality of nature in the different neighbourhoods in the Netherlands. The fourth task would be to perform an analysis to establish a possible relation

Data collection

To be able to complete this study acquiring data is essential. There are three data sources needed for this study. The first type of information would be the numbers concerning the general health of the population. The second type would be the reduction of the health care cost. The third and most important information is the data about the indicator species.

Data on the general health

The Dutch department of public health, public wellbeing and sport is the ministry responsible for monitoring the health of the population. Part of this ministry is the state institute which publishes the data about the health condition. This data is updated every year to provide an up to date image. Researchers and policy makers can use this information. The access to this data is free and the sets can be downloaded from the website in the form of an excel file. The observation size consists of three different levels. The first one categorizes the data on a provincial level, the second is on a district level and the last one on a neighbourhood level. Although a variety of health aspects can be included into the data set it is for the purpose of the research not necessary to include all these aspects in the analysis. Included in the analysis are physical activities, weight, smoking, physical health, fear and depression, stress, and loneliness. Excluded for the analysis are alcohol consumption, usage of a bicycle, number of miles walked, experiencing noise nuisance and fiscal security. The reason for the exclusion can be that the subject is irrelevant to the overall

research question or that the subject has such a complexity that the reliability of the result of the analysis cannot be guaranteed. An example of such an aspect would be alcohol use where there are a multitude of reasons as to why a person would consume a large amount. In the image below is a screenshot of the first rows of the excel file. In the left column the neighbourhoods are mentioned and the province and district they reside in. On the right are different aspects of the health conditions of the inhabitants of that neighbourhood.

Data on the indicator species

The success of this study stands and falls with the data on the indicator species. The data serves two purposes. At first the data on the indicator species is used to determine the landscape. Secondly the data is used to determine the quality of the surrounding nature.

Landscape

There is no such thing as one landscape in the Netherlands. It is therefore essential that a difference will be made between the different landscapes. To determine both the type of landscape and the quality of that type of nature the habits of birds will be analysed. In this research this will be done by looking at the natural habitats of certain species. All living beings have the tendency to live in areas best suited to their own physical abilities. The vegetation surrounding the nest and the environmental conditions are of great importance. Also, the availability of food could be a quality that birds take into account during their selection process. This makes it possible to assess certain areas based on the animal living in those areas. The data concerning the different landscapes is retrieved from the document called: Hotspots of biodiversity in the Netherlands based on the data of breeding birds. This document is created by SOVON. This is a non-profit organization tasked with the measurement of the bird populations in the Netherlands. Information provided by this organization has been used to create policies. The WOT nature and environment has performed and is currently undertaking research into hotspots of important breeding birds. The goal of the study was to determine

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the location of these hotspots in the Netherlands. After which it could be possible to determine the location of birds that are placed on the red list. This list indicates that the survival of their species is uncertain due to the loss of habitat because of the expansion of the human living area. The product of this research can be used by policy makers to create effective legislation in order to maintain the bird population. This requires the creation of a plan that is based on the local habitat and the endangered birds. To assess the type of nature of these hotspots an inventory was created based on the breeding location of a selection of common bird species. Eighty-six of these common bird species can be used as indicators for seven different main types of nature that occur in the Netherlands. These types of nature being open agricultural area, half open and closed agricultural areas, forest areas, heath, raised moor and shifting sand, Dunes. Not only does the document of SOVON provide the list of the indicator species that can be used to determine the landscape of an area, but also provide maps of the Netherlands indicating where a particular landscape can be found. Two of these maps are shown below. Figure 1.1 is the map shown which indicates which areas can be categorized as heath, raised moor and shifting sand areas and figure 1.2 shows the areas that can be categorized as forest areas. Some areas can be categorized with multiple landscapes. This is possible because multiple landscapes can be found in an area of 5km by 5km.

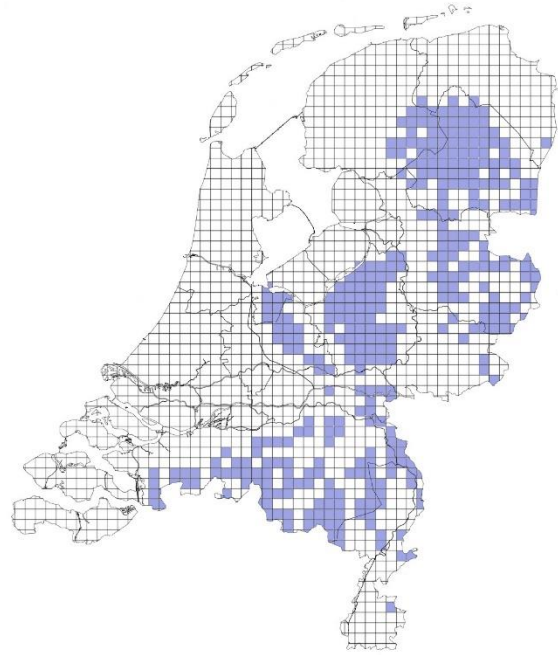


Figure 1.1 landscapes that can be categorized as heath, raised moor and shifting sand areas

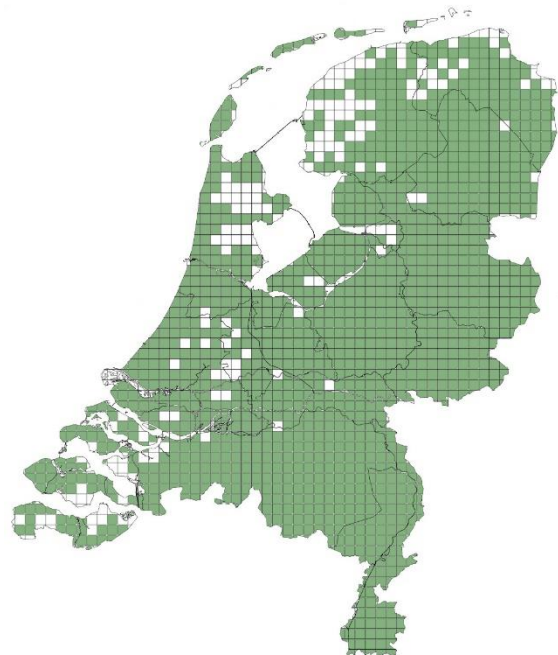


Figure 1.2 landscapes that can be categorized as heath, raised moor and shifting sand areas

Quality of nature

The task of collecting the data concerning the determination of the quality of the nature starts with establishing which indicator species are going to be used. Since the quality of nature is related to the variety and richness of the species located in the area the use of keystone species would be most useful. A list of keystone species is presented in a document called the natura two thousand. Due to the current reduction of biodiversity in Europe, multiple member states of the European union have taken upon the goal to restore and protect important areas. These areas are places where species live whose numbers have been drastically reduced in recent years. Part of the Natura 2000 is documentation of profiles of the different landscape types. These profiles provided indicator species that can be used to grade certain aspects of the landscape. This research will focus on the species that indicate a constant good abiotic environment and a constant good biotic environment. The list of indicators consist of mammals, birds, fishes, plants, and fungi. Using those two criteria instead of just one or other indicators will increase the probability that the area will indeed have a higher quality of nature. The Natura 2000 provided a list of 52 different landscapes. The landscapes that consist of lakes, seas, rivers, and canals are not included. The amount of people living in areas fully surrounded by water can be disregarded due to their small numbers. The rest of the landscapes are divided into the categories mentioned in the previous part namely: open agricultural area, half open and closed agricultural areas, forest areas, heath, raised moor and shifting sand, Dunes. The landscapes in the Natura 2000 document are categorized based on small details. For example, a difference in forest based on the soil. While this is of course essential for the forest itself the research would be impractical since local small forests have to be divided to measure all the individual parts. With the list of keystone species per landscape it is possible to search for a data source. The National databank of flora and fauna (NDFF) would be the most logical starting point. This organization monitors and verifies data concerning the amount of flora and fauna in the Netherlands. Since this is a private

organization, the information is not published for free. Instead, an arrangement is made for students who can access a selection of the available data. However, during the conversations with the NDFF the only information available for students contained the information for roughly one middle large city in the Netherlands. Since the scale of this study contains the whole of the Netherlands solely the information provided to students would not be enough. The remaining data could be bought but due to the scale of this research the price would have cost millions. Making the usage of this source not possible. With a lack of a reliable data source the original idea required a modification. Instead of using a variety of different animals and plants only birds are selected as indicator species. The same organization that provided the data about the indicator species to determine the landscape also provides information concerning the keystone species. Birds already make up the majority of the keystone species list. Therefore, the use of birds alone would not reduce the reliability with a critical amount. The list of the birds who function as a keystone species will be presented in the next part.

Transformation of the available data

In this part the process of creating the maps necessary to determine the quality of nature is discussed. These maps can be placed on top of geographical maps thus indicating which area can be categorized as which. The creation of the maps is done by hand and is done in different phases. The first phase consists of collecting the maps provided by SOVON indicating the areas that can be categorized as a certain landscape. This study focuses on the quality of nature and not solely on the influence of the different landscapes. The maps of SOVON do not only indicate where the landscape can be found but also the percentage. A higher percentage would indicate a larger amount of that landscape. Therefore, the first step would be to mark all the areas with a similar colour. The second step would be to print out the different maps and the maps indicate the location of the birds selected as keystone species. The next step could be done with a computer but by doing the task analog less time is used. The map

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indicating the location of the bird is placed on a light box. On top of the map indicating the location will be the map on the different landscapes. With the lightbox the underlying maps will shine through the map above. This will allow for a dot to be placed in the areas where the two maps overlap. SOVON provided two types of maps with two different scales. An example is provided. Figure 1.3 shows the habitat of the Blauwborst. This map has a more detailed scale and would require a modification. Figure 1.4 shows the habitat of the Bruine Kiekendief. This map has the same square raster as the maps about the landscapes and can therefore be used without any trouble.

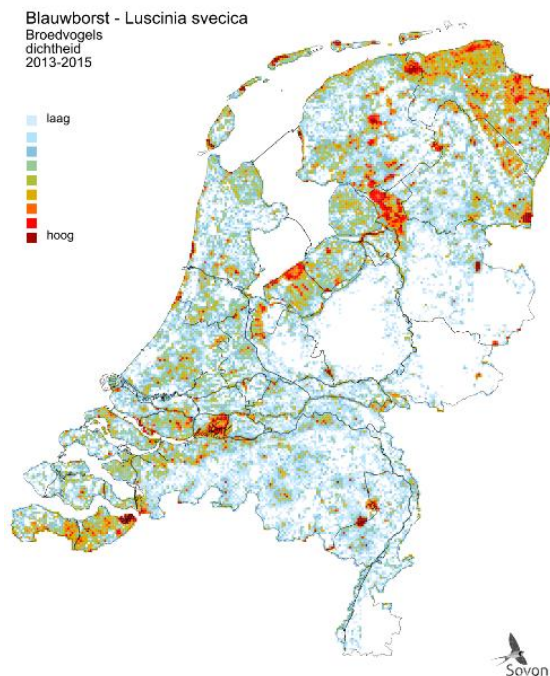


Figure 1.3 Habitat of the Blauwborst

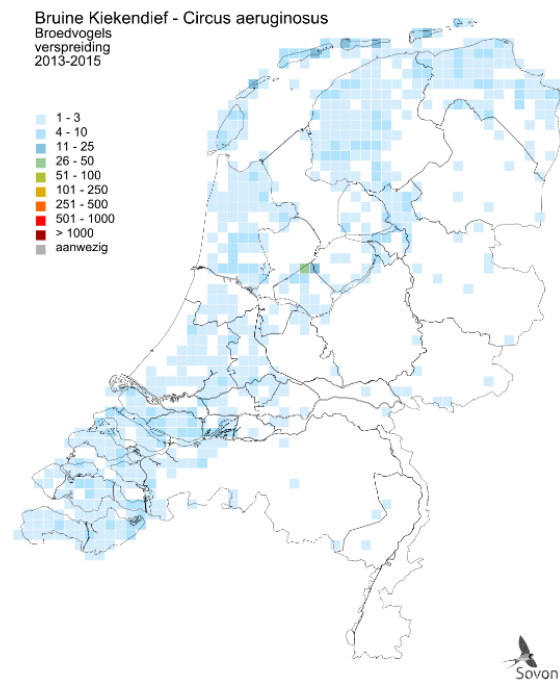


Figure 1.4 Habitat of the bruine Kiekendief

For this study a general rule is that if a square has the same number of birds as a square in the other map the area is counted, and a dot will be placed. When this process is repeated with the other keystone species map is created. The dots provide an indication about the amount of keystone species in an area. This process needs to be done for every landscape. An example is shown below. In figure 1.4 the clear squares are locations that can be categorized with the landscape open agricultural the black squares show the areas that are not categorized as such. This makes the process easier and reduces the chances of making a mistake.

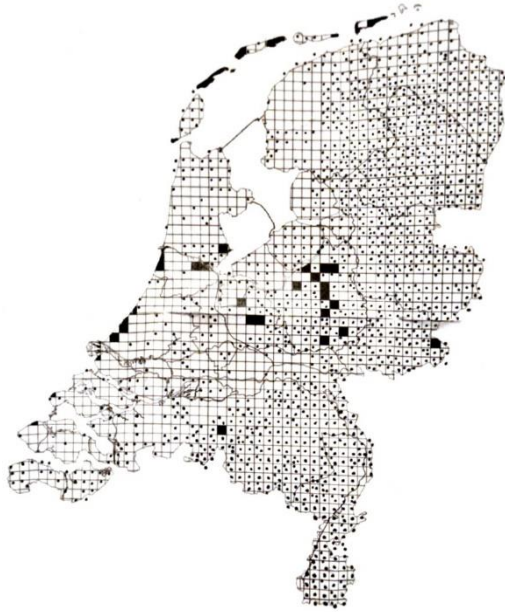


Figure 1.5 Map indicating the process

The last step would be to translate these dotted maps into readable and clear maps. A colour scheme is used where the amount of blue indicates a low number of keystone species, and a more reddish colour indicates more keystone species. An example is provided from the landscapes forest and heath, raised moor, and shifting sand.

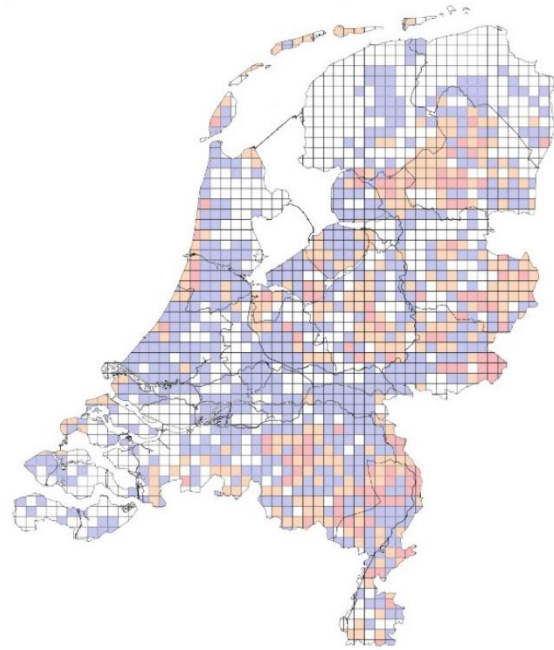


Figure 1.7 Map showing the location of the indicator species for the forest

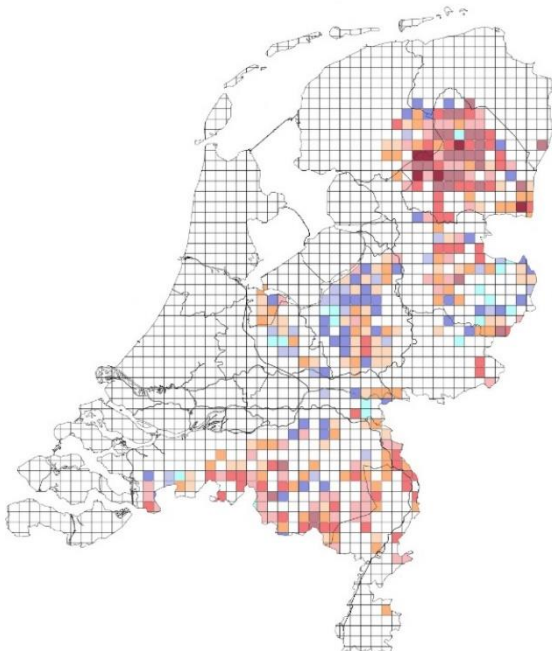
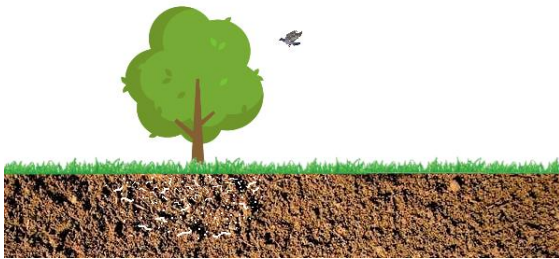


Figure 1.6 Map showing the location of the indicator species for the landscape Heath, Raised moor and Shifting sand

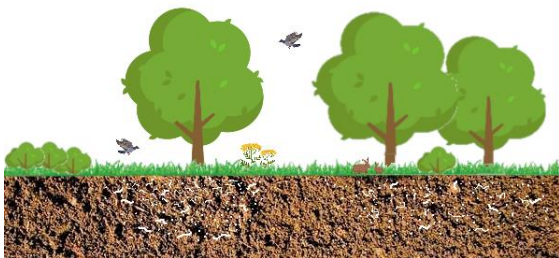
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Differences between the amount of indicator species

This difference might be easy to understand if the statistics from the species of the different areas are laid down next to each other. However, since biodiversity is not easily noticeable for humans this part will explain the differences between the different grades for the same landscape. This will be done accruing to an example. In this example there is a landscape with three indicator species. This means that an area can have 1,2 or three different species and is graded accordingly.



The areas with one indicator species provide a habitat that accommodates the living conditions of one indicator species. This can be visualized by a field of grass with a singular tree. It could provide a living space for a multitude of organisms. However, there is a limited amount of difference in the vegetation. As a consequence, there is not much difference in the species of insects, microbes, mammals and birds. This limits the biodiversity greatly.



Areas that have two indicator species can be visualized by a field of grass with multiple trees, flowers, and bushes. Although there are different types of vegetation the trees, flowers and bushes belong to the same family. This still limits the amount of biodiversity in the area.



Areas that have three indicator species can be visualized by a field of grass with multiple trees, flowers, and bushes. The appearance might be similar to the area with two indicator species. The main difference here that the trees, flowers, and bushes belong to different families. The variety of trees, flowers and bushes provide a living habitat for a larger variety of organisms. This increases the amount of biodiversity of the area. The next part will provide information about the different landscapes and the corresponding maps

The landscapes



Open Agricultural areas

Characterised by grasslands and fields destined for agricultural purposes. This includes grasslands for kettles and fields for growing fruits and vegetables. The substance of the soil might differ ranging from chalk rich ground, clay rich ground and peat rich grounds. The vegetation however is similar, consisting of types of grass and low vegetation. This type of nature can be found in the south/west of Friesland, Groningen, the river area, North-Holland, and the area surrounding the Akerdijksche Plassen. The soil in this habitat contains a moderate amount of nutrients and is moist all through the year with sweet water.

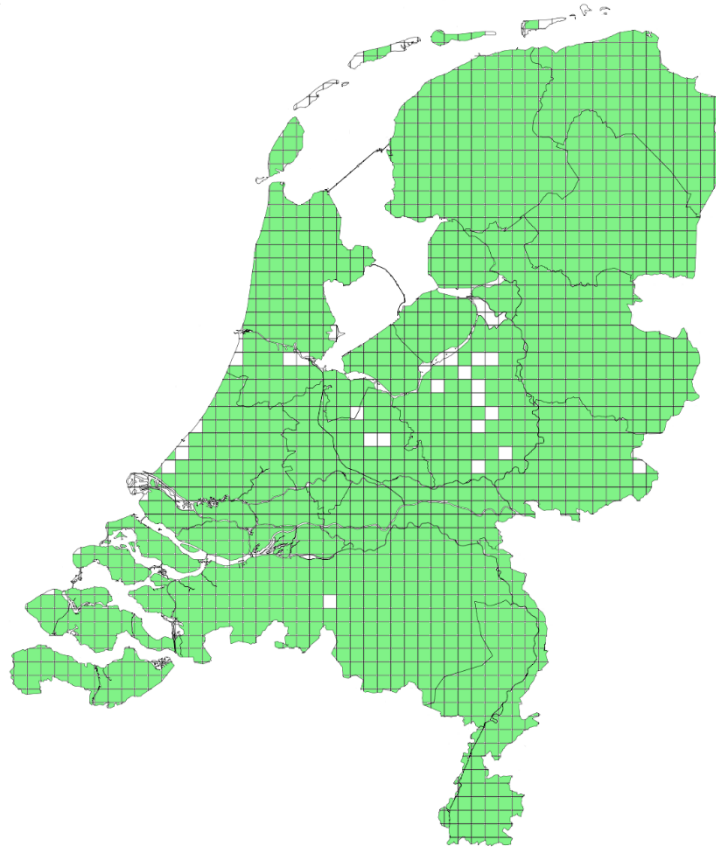
Map 1.1 shows the amount of area plots that can be categorised as open agricultural areas. This shows that most of the areas in the Netherlands can be categorised as open agricultural areas. In map 1.2 the areas are indicated where the indicator species are located. This shows that there are areas that are categorised as open agricultural areas but lack indicator species that would indicate them as a qualitative area. Interesting is that most of the areas have one indicator species and that the number of areas that have all three indicator species is the least and is located primarily in the north of the Netherlands. At the same time the urbanised area in the west is showing a lack of indicator species.

Open Agricultural areas indicators

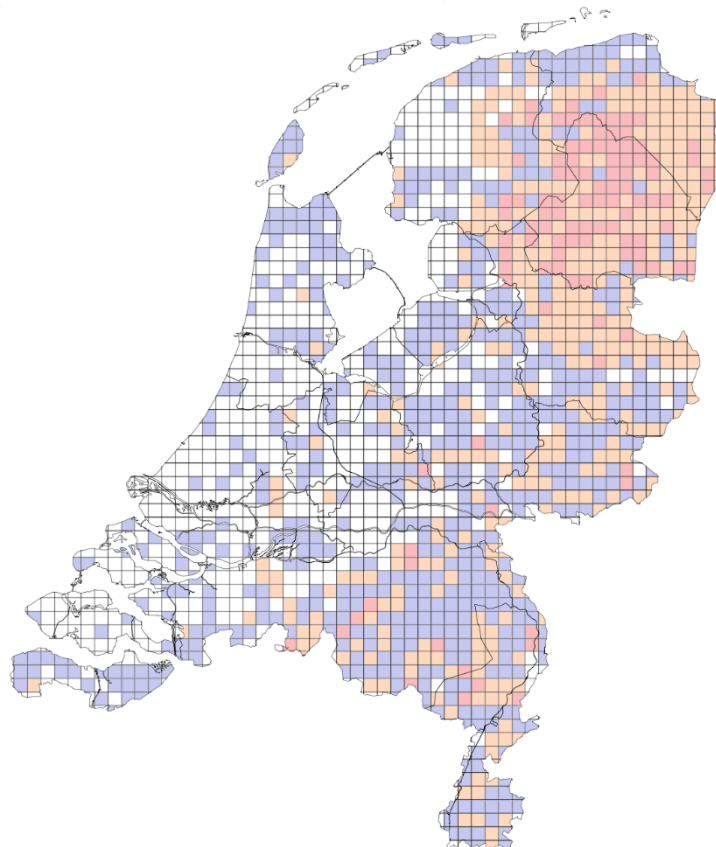
stork
Garganey
Shoveler
tufted duck
Montagu's Harrier
skylark
grass pipit
Yellow Wagtail
English Wagtail
Partridge
Quail
Corncrake
Oystercatcher
Lapwing
Ruff
Snipe
black-tailed godwit
redshank
Black Tern
soy bunting

Indicators of well biotic and abiotic conditions

Snipe
Quail
Yellowhammer



Map 1.1 Areas with the landscape Open agricultural



Map 1.2 Amount of indicator species for the landscape Open agricultural



Half open and closed agricultural areas

These consist of plots of land dedicated to usually smaller agricultural practices with grassy meadows on dry ground. Consisting of mostly chalk rich grounds but also sand and silt rich ground can be found. These areas are often found downstream of rivers. The vegetation that can be found consist of small plants with most of the plants having a lifespan of a year. These areas can be found in the northern parts of the Netherlands like the southwest of the province called Drenthe the northeast of Twente. The southern part of the province of Utrecht can also be categorised by this type of nature.

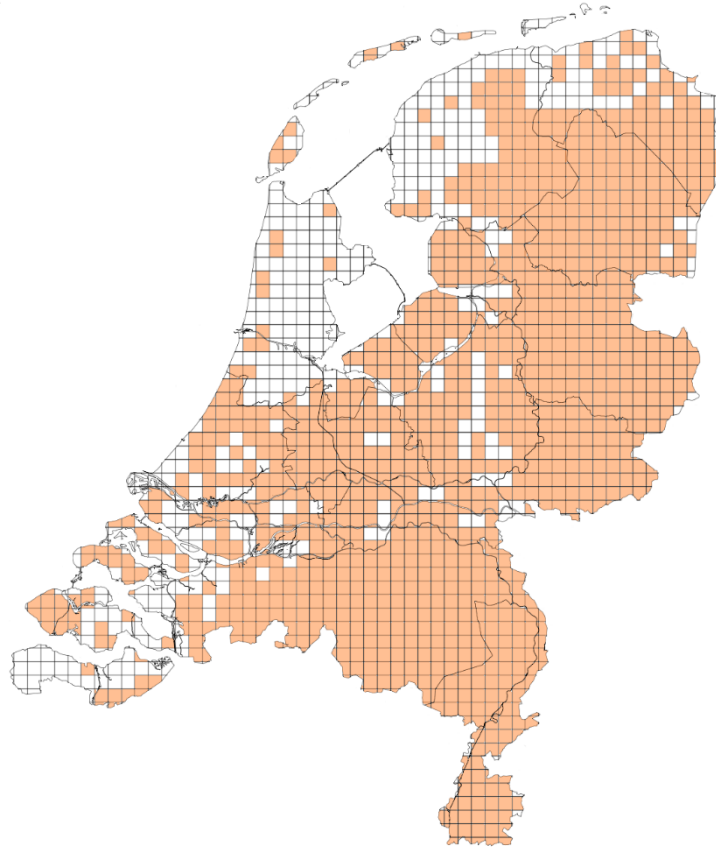
Map 2.1 shows the number of plots that can be categorised as half open/ closed agricultural areas. These areas can be found across the country with the coastal areas as an exception. Map 2.2 shows the areas where the indicator species for this landscape can be found. Although there are still large amounts of areas, places without the indicator species can be found at the location of larger cities.

Half open and closed Agricultural areas indicators

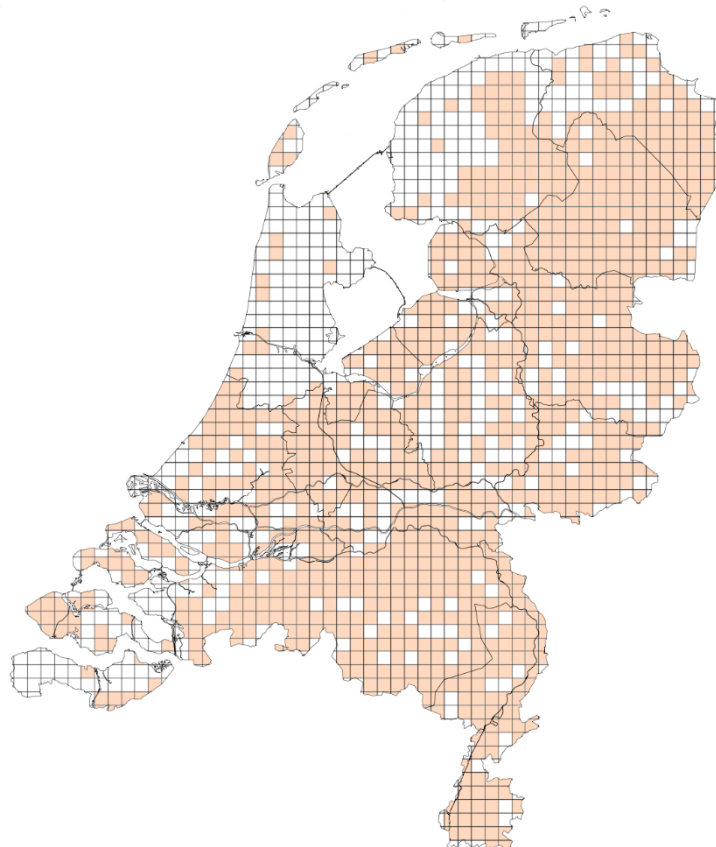
stork
fieldfare
thrush
mockingbird
warbler
sooty flycatcher
rook
Turtle Dove
barn owl
little owl
barn swallow
European Stonechat
Kestrel
Partridge
Curlew
ring sparrow
putter
Linnet
Yellowhammer

Indicators of well biotic and abiotic conditions

Grass Pipit



Map 2.1 Areas with the landscape half open/closed agricultural



Map 2.2 Amount of indicator species for the landscape half open/closed agricultural



Forest Areas

These areas are categorised by the large number of trees that can be found in the area. Common trees are oak and beech and can reach a height of 30m. The vegetation does not solely consist of trees but also bushes, grasses, mosses and mushrooms. The type of soil varies from moist areas surrounding the rivers and soils rich with loam to areas with large amounts of sand in the soil which were deposited by the glaciers during the ice age. A common aspect regardless of the type of soil is that all the areas have a low score considering the availability of nutrients. Examples of these areas which have high quality forests and therefore essential for a large variety of breeding birds can be found at the Veluwe, Utrechtse Heuvelrug, the south/west of Drenthe and the Sallandse heuvelrug.

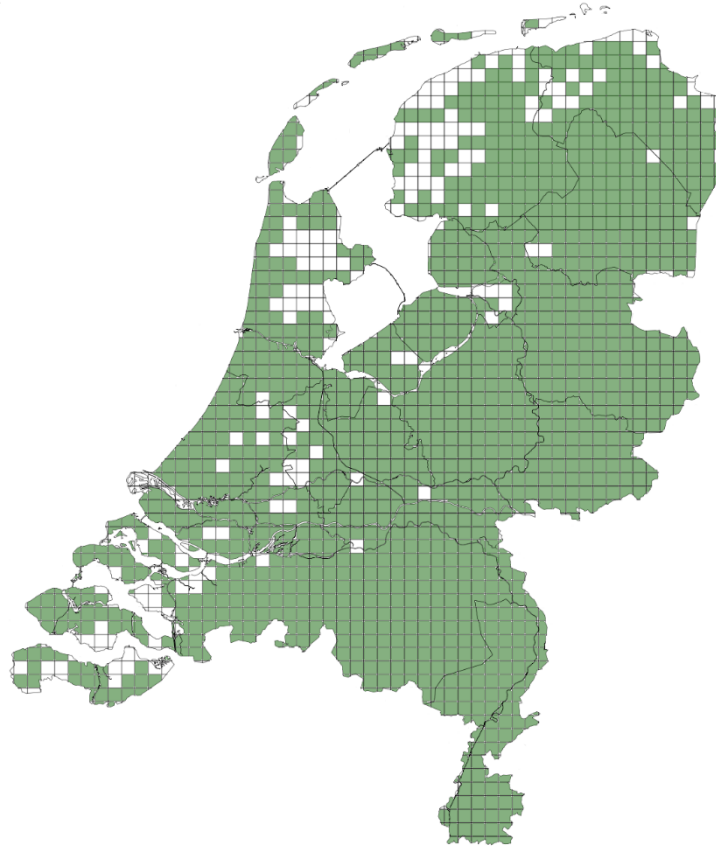
Map 3.1 shows the number of plots that can be categorised as forest. These areas can be found all across the country. Map 3.2 shows the areas where the indicator species for this landscape can be found. The lowest quality of forest can be found in the and becomes increasingly more diverse near the east. With the highest quality of forest in Brabant, Gelderland and Drenthe.

Forest Areas indicators

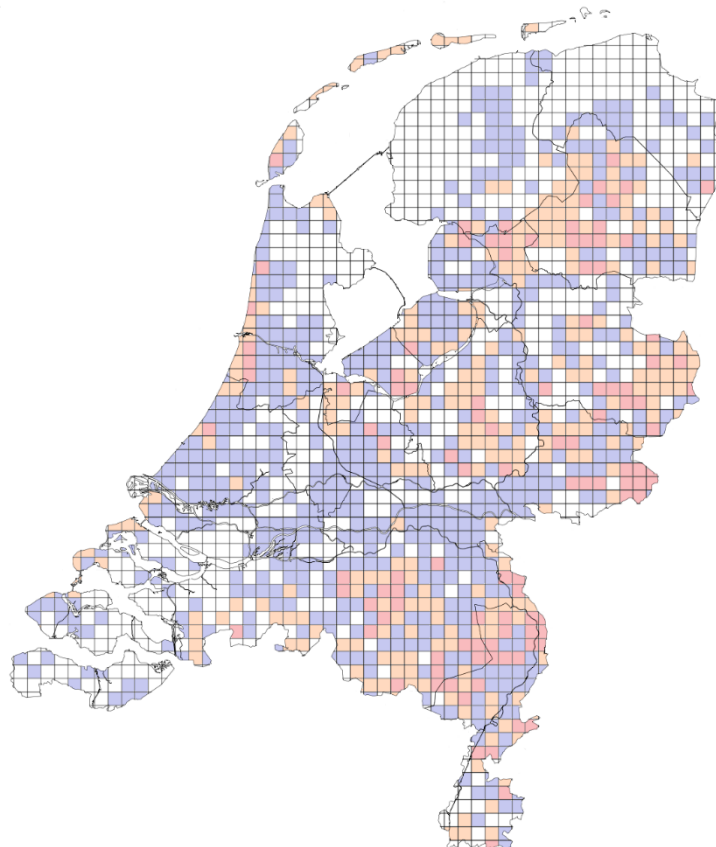
Hawfinch	long-eared owl
honey buzzard	Nightjar
Hawk	wryneck
Whistler	Green woodpecker
goldcrest	Black Woodpecker
fire crest	Middle Spotted Woodpecker
Pied Fly Catcher	Lesser Spotted Woodpecker
glossy head	woodlark
Matt head	tree beeper
crested tit	Nightingale
black tit	Collared Redstart
nuthatch	sparrowhawk
Taiga Tree creeper	Buzzard
oriole	Woodcock
Raven	Siskin
stock dove	crossbill
Turtle Dove	Bullfinch
tawny owl	

Indicators of well biotic and abiotic conditions

Woodcock
Nightingale
honey buzzard



Map 3.1 Areas with the landscape Forest



Map 3.2 Amount of indicator species for the landscape Forest



Heath, raised moor and shifting sand

heath, raised moor and shifting sand

This type of nature consists of three different types. Since there are many similarities and overlaps between the types it is possible to group them together.

Heath

categorising for this area is the type of vegetation that can be found. Which mostly consist of heather, shrubs, moss and a small number of trees. This landscape was created as a by-product of the farming methods during the Middle Ages. During this period forests were cut down to create farmland. After a period of intensive farming the ground had lost its nutrients and as a consequence can only provide a habitable area for a certain type of species. This habitat can be found in areas with a lot of sand in the soil and in areas with peat bogs. There is a great amount of moisture in the ground which consists of only sweet water.

Raised moor

This habitat is categorised by the process in which this habitat is formed. The amount of organic material that is created by moss exceeds the amount of material that can be broken down. As a result, the landscape itself is raised over a long period of time. At the same time the soil retains water thus reducing the possibility of the material to be broken down. The vegetation that grows in these areas are of course mosses, small shrubs and heather. Similar to the previous described area this habitat also does not have a lot of nutrients in the soil. There is also a great amount of moisture in the ground which consists of only sweet water.

Heath, Raised moor and shifting sand indicators

Grebe
Black Grebe
Teal
Spring rooster singer
Red-backed Shrike
Gray shrike
Short-eared owl
Nightjar
Wryneck
Woodlark
Skylark
Dune pipit
Tree beeper
Bluethroat
Winchat
European Stonechat
Wheatear
Black grouse
Curlew
Yellowhammer

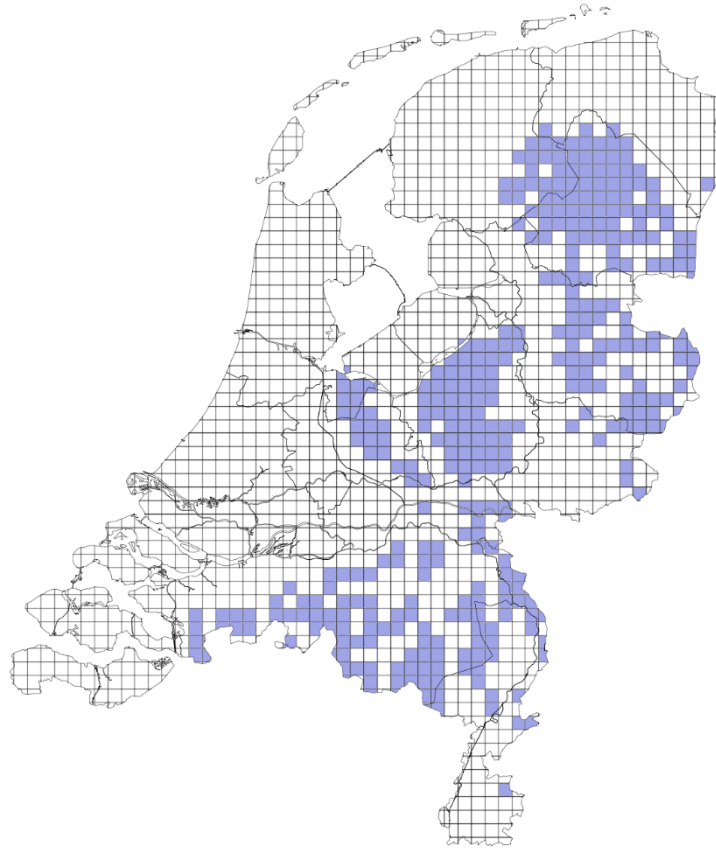
Indicators of well biotic and abiotic conditions

Bluethroat
Grasshopper warbler
Redshank
Snipe
Teal
Woodlark
Skylark
Woodcock
Central European Bullfinch
Wheatear
Grebe

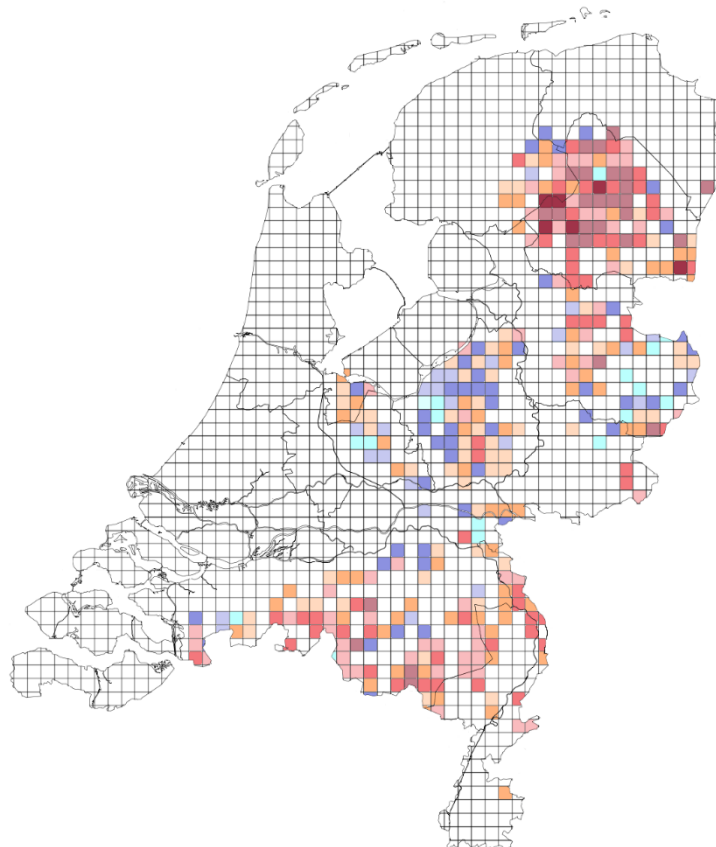
Shifting sand

This landscape can occur in small quantities as part of the heath landscape. It consists of open sandy spaces without a lot of vegetation and without a large variety of species. Plants that do survive in these habitats are heather plants. These areas were created thousand years ago by sand being blown away by the wind and have settled in the area. The soil is dry and does not contain a lot of nutrients.

Map 4.1 shows which areas in the Netherlands can be assigned this habitat. It shows that most of the areas are located in the east of the Netherlands. It is especially common in Drenthe, Gelderland and Brabant. Map 4.2 shows the amount of indicator species in the area. Since this habitat has a lot of indicator species the differences between the areas are well defined. It shows a large hotspot in Drenthe and smaller isolated areas in Brabant and Limburg



Map 4.1 Areas with the landscape Heath, Raised moor and shifting sand



Map 4.2 Amount of indicator species for the landscape Heath, Raised moor and shifting sand



Dunes

This habitat can be categorised by its location and its function. It is located between the sea and the inland being a separation between salt areas and sweet areas. The dunes function as a natural protection against the sea to prevent flooding. This habitat can periodically be flooded. The frequency does not pose any problem for the structure of the dunes. It does however influence the vegetation that can be found. An example of a plant that flourishes in these circumstances is Bandwheatgrass. This species is of great importance for the creation of new dunes. It holds onto the sand surrounding the plants and over time due to uplifting sand that is slowed down by the grass creates new dunes. The further away from the sea and the salted water Helm is the most common type of vegetation. The roots of this plant can grow several metres deep to reach sweetened water located beneath the earth. This is essential for the viability of the dunes. The level of nutrients found in this habitat range from having a below average amount of an above average amount. The difference in the amount of salt in the soil varies from having a lot of salt on the beach side of the dunes and a very low amount of salt on the inland side of the dune.

Map 5.1 shows the areas that can be categorized by dunes. As one would expect the dunes are located at the west coast of the Netherlands. The coastline from the northern provinces Friesland and Groningen do not have a dune like area. Instead, the Waddeneilanden which are located for the coast have the dune-like areas. Map 5.1 shows the amount of indicator species in an area. The levels of biodiversity can be divided into two areas. The coastline of the mainland has a low amount of indicator species. The couple of areas on the inland side of the dunes have the least amount of indicator species. The most indicator species can be found on the Waddeneilanden.

Dune indicators

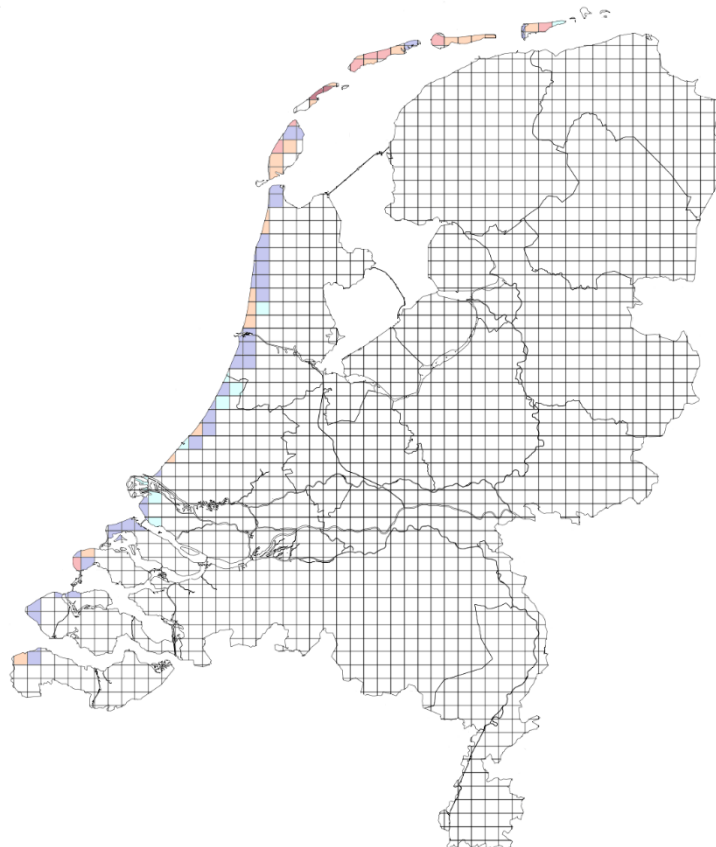
Hen Harrier
Common Grasshopper Warbler
Common Whitethroat
European Turtle Dove
Short-eared Owl
Common Nightingale
Whinchat
European Stonechat
Northern Wheatear
Curlew
Mew Gull
Lesser Black-backed Gull
European Herring Gull
Yellow-legged Gull
Great Black-backed Gull
Common Linnet
Lesser Redpoll
Common Rosefinch

Indicators of well biotic and abiotic conditions

Wheatear
Grebe
Whinchat
Common Grasshopper Warbler
Curlew



Map 5.1 Areas with the landscape Dunes



Map 5.2 Amount of indicator species for the landscape Dunes



Salt marsh areas and beaches

These areas are adjacent to the sea and oceans but can also be found in other salty areas near the coast. They typically consist of sand and pebbles, but vegetation can exist. This is mostly in the form of *Juncus*, rushes, herbs and reeds. The original species of mud grass that used to flourish on the European coast has disappeared. The species of vegetation that can grow in a certain area is dependent on a number of factors: the altitude, type of soil, salt content, age of the area and the amount of grazing that has taken place. There are areas where a different kind of vegetation grows. These areas are periodically underwater. Because of this water plants can grow. The amount of water and the salt content have the greatest influence on the species of plants. The amount of nutrients in the soil range from having an average amount to having a high amount of nutrients.

Unsurprisingly the areas in the Netherlands that can be categorised as this type of habitat are located near the coast. Exemptions are the inland waters in Zeeland and the Waddeneilanden since those are surrounded by water as shown in map 6.1. Map 6.2 shows the areas in the Netherlands with a lesser amount of indicator species and the areas with a larger amount. The coastal areas in Zuid-holland and Noord-holland (with the exception of the northern areas) have less indicator species. The coastal areas in Zeeland, northern part of the Netherlands adjacent to the sea and the Waddeneilanden have a larger amount of indicator species.

Salt marsh areas and beaches indicators

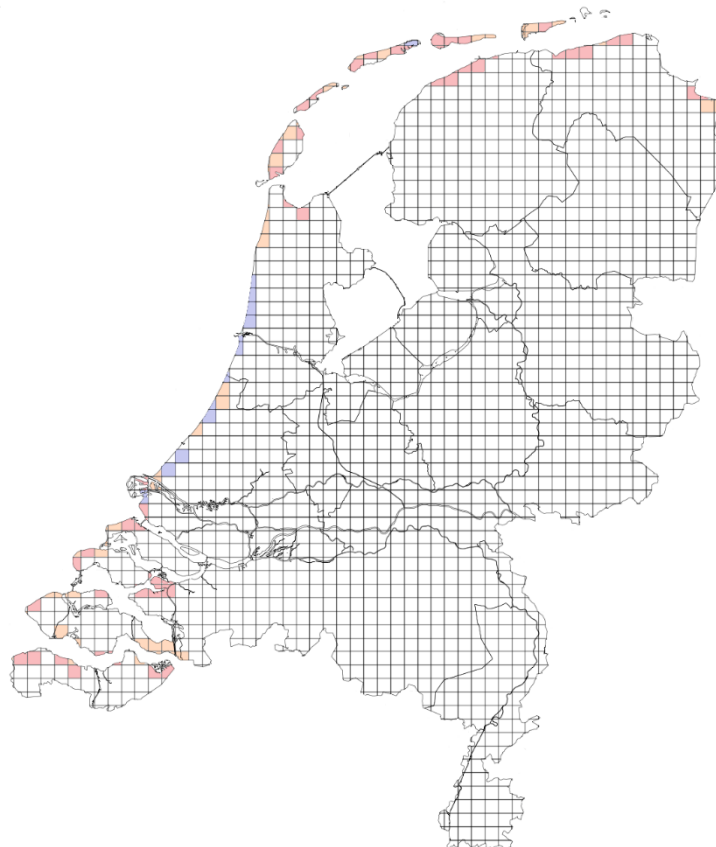
Little Egret
spoonbill
shelduck
Eider
Middle Sawbill
Grass Warbler
grass pipit
Oystercatcher
avocet
Ringed Plover
beach plover
Pied Sandpiper
redshank
little gull
sandwich tern
common tern
Arctic Tern
dwarf tern

Indicators of well biotic and abiotic conditions

shelduck
avocet
redshank



Map 6.1 Areas with the landscape Salt marshes and Beaches



Map 6.2 Amount of indicator species for the landscape Salt marshes and Beaches



Swamp areas

Characterised by their wet and damp terrain. Vegetation like small peat-forming vegetation, non-grass species like the Cyperaceae and night mosses can be found in these areas. The ground in which these plants grow can range from lacking nutrients to an area with a mediocre amount of nutrients. The fields in which these plants grow maintain a level of moisture during the year. The large difference in the vegetation makes the habitat quite complex. Swamps with a larger concentration of chalk can be found near creeks and riverbeds. In these habitats even rare species of plants can exist. An example of this is the swamp wasp orchid and the dioecious sedge. The *Cladium mariscus* is also a rare species of plant that can be found in the Netherlands. This plant is characterised by its razor-sharp edges. The sedge vegetation found in this habitat share a visual similarity to grasslands.

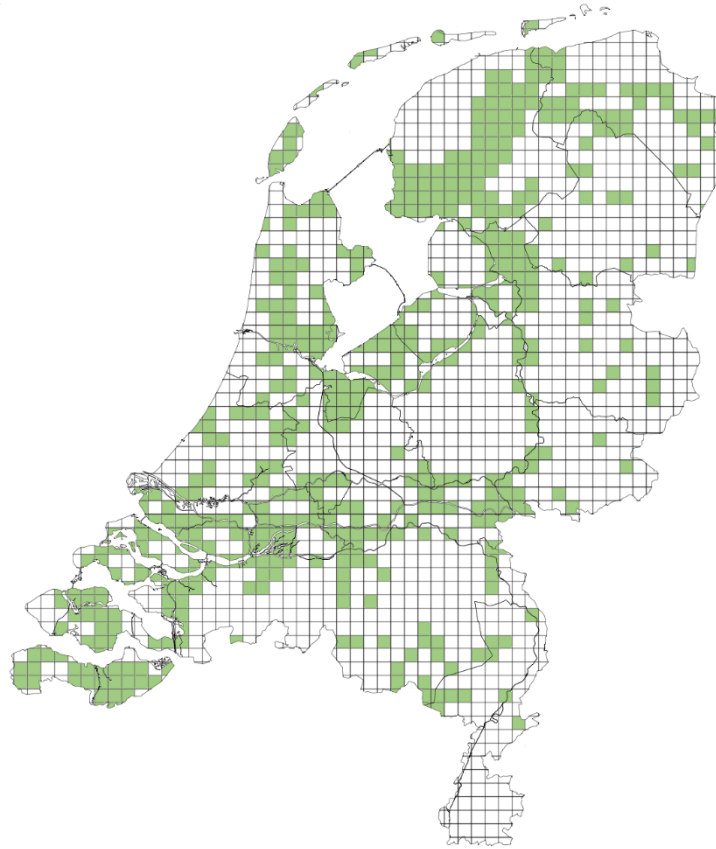
Map 7.1 shows the different areas in the Netherlands that can be categorised as swamps. Although the areas can be found sporadically throughout the Netherlands the larger amount can be found near the delta of the rivers and areas with a large number of lakes mostly located in the more western part of the Netherlands. An example of this is the province of Friesland. Map 7.2 shows the areas with a larger amount of indicator species and areas with a lesser amount. Interesting is that not only are the swamp areas located in the western part of the Netherlands, but also contain a large amount of keystone species.

Swamp areas indicators

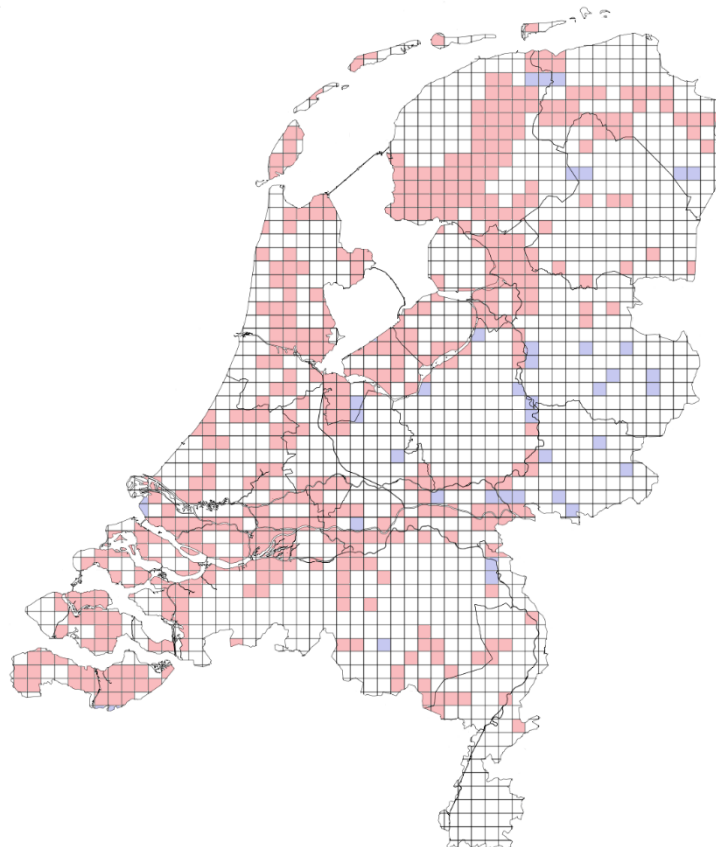
Little Grebe
Eurasian Bittern
Little Bittern
Black-crowned Night Heron
Little Egret
Western Great Egret
Purple Heron
Eurasian Spoonbill
Greylag Goose
Garganey
Northern Shoveler
Red-crested Pochard
Common Pochard
Western Marsh Harrier
Common Grasshopper Warbler
Savi's Warbler
Sedge Warbler
Marsh Warbler
Eurasian Reed Warbler
Great Reed Warbler
Bearded Reedling
Eurasian Penduline Tit
Bluethroat
Water Rail
Spotted Crake
Little Crake
Baillon's Crake
Black Tern

Indicators of well biotic and abiotic conditions

Marsh Warbler
Bluethroat



Map 7.1 Areas with the landscape Swamp

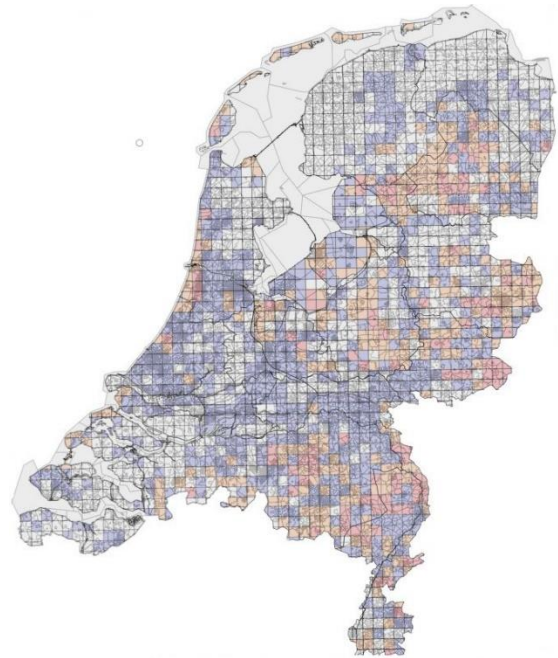
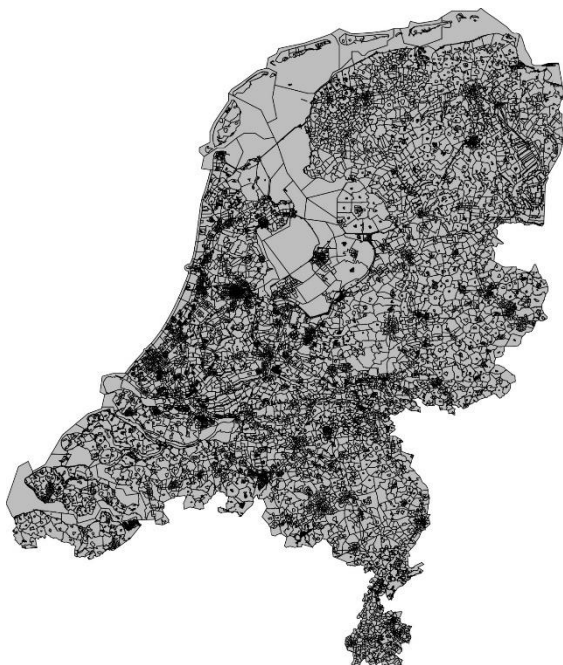


Map 7.2 Amount of indicator species for the landscape Swamp

Developing healthy and green residential areas

Grading the biodiversity of the different areas in the Netherlands

In the previous part different maps were created per landscape that indicate the amount of indicator species. This part will describe the process of using those maps to determine the amount of biodiversity for the different areas in the Netherlands. The coloured maps indicating the amount of indicator species do not have the amount of detail to distinguish one neighbourhood from another. In this case the maps *buurten en wijken* from the Dutch government is used. This map provides a detailed description of the different neighbourhoods in the Netherlands. necessary for the task is the use of a computer program that would allow for different maps to be placed on top of each other. This would allow the indicator maps to be shown on top of the maps showing the neighbourhoods. The first map shows the different neighbourhoods and municipalities, and the second map shows the situation in which the map of the amount of indicator species is placed on top of the map of the neighbourhood. For this example, the maps for the location of the indicator species for forest is used.



The process
At first a municipality is chosen from the list of municipalities and neighbourhoods of the Netherlands. This is an alphabetical list that corresponds with the list in which the health of that area is documented. Secondly the location of the municipality is found with the use of google maps. After having found the location on google maps it is possible to locate the position on the map of the neighbourhoods of the Netherlands by the shape of the municipality and its distance to recognizable points. Having located the municipality and placing it in the centre of the frame the same steps that were taken to locate the municipality can be used to locate the different neighbourhoods of that municipality. If a neighbourhood is found the different layers can be turned on showing the amount of indicator species for that neighbourhood. The amount of indicator species is counted and placed in an excel file. This process is repeated for every municipality and every neighbourhood in the Netherlands. This is a very time-consuming activity, but it creates a more detailed image of the biodiversity in the Netherlands than for example only looking at the municipality. An example of this process is shown below.

example

For this example the amount of indicator species for the neighbourhood vogelenbuurt will be documented. This neighbourhood is in an area called Noord-Oost in the city of Utrecht. The first step would be to find the municipality of Utrecht.



The second step would be to locate the area in which the neighbourhood is located.

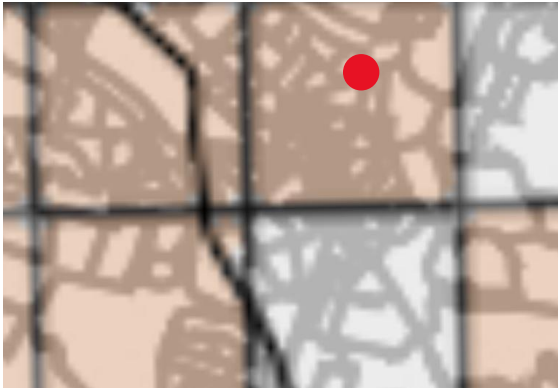
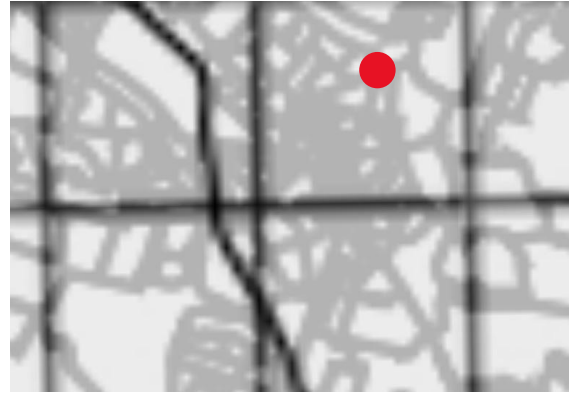
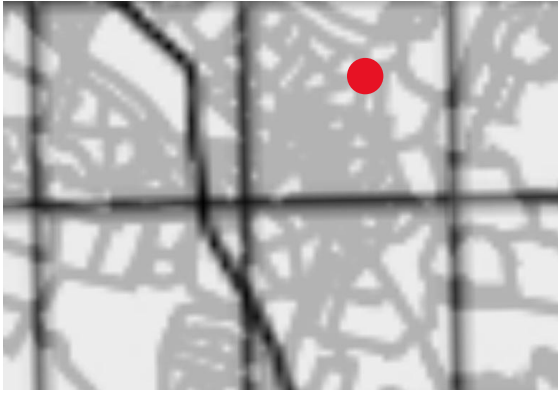


The third step is to locate the area on the map with all the different layers. This map is divided into a raster of 5km by 5km. If the whole area fits into that raster the number of indicators would be the same for all the neighbourhoods who are in that area. In the city this is often the case since the neighbourhoods are much closer together. In rural areas for example Friesland the neighbourhoods are so far apart that the number of indicators is different between neighbourhoods in the same area. After this it is possible to switch between the different maps to count the amount of indicator species

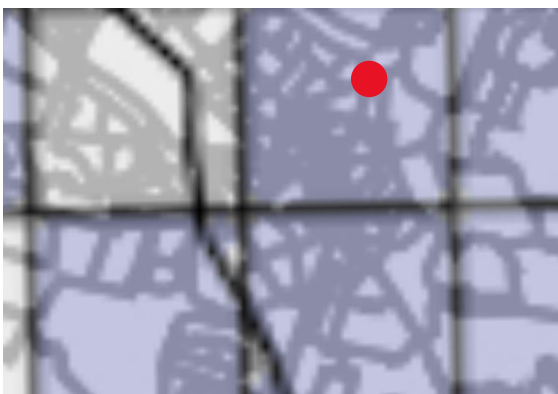
per landscape. The darker red a square is, the larger the amount of indicator species in that area. The colour depends on the amount of indicator species that could be found for that landscape. A landscape with three indicator species would have blue, orange, and red. A landscape with five indicator species would have light blue, dark blue, orange, light red and red. The different layers are presented in the images below.



Developing healthy and green residential areas



With the information from the indicator maps we can fill in the amount of indicator species into the excel file. On the next page is the section placed referring to this the location of the Vogelenbuurt and the surrounding neighbourhoods located in Noord-Oost. The excel file can be used for the analysed which will be discussed in the next part.



Management in the built environment

Name	Region Type	heath, raised moor and shifting sand	Open agricultural areas	Salt marsh areas and beaches	Half open and closed agricultural areas	Dunes	Forrest	Swamp
Utrecht	Municipality	0	0	0	1	0	1	0
Noordoost	Area	0	0	0	1	0	1	0
Vogelenbuurt	Neighbourhood	0	0	0	1	0	1	0
Lauwerecht	Neighbourhood	0	0	0	1	0	1	0
staatsliedenbuurt	Neighbourhood	0	0	0	1	0	1	0
Tuinwijk-West	Neighbourhood	0	0	0	1	0	1	0
Tuinwijk-Oost	Neighbourhood	0	0	0	1	0	1	0
Tuindorp en Van Lieflandlaan- West	Neighbourhood	0	0	0	1	0	1	0
Tuindorp-Oost	Neighbourhood	0	0	0	1	0	1	0
Voordorp en voorveldsepolder	Neighbourhood	0	0	0	1	0	1	0
Huizingalaan K. Doormanlaan en omgeving	Neighbourhood	0	0	0	1	0	1	0
Zeeheldenbuurt, Hengeveldstraat en omgeving	Neighbourhood	0	0	0	1	0	1	0
Wittevrouwen	Neighbourhood	0	0	0	1	0	1	0

Table 1.1 Example of the amount of indicator species in the excel file

Developing healthy and green residential areas

Performing the analysis

In the previous part all the required information was gathered. In this part the analysis is performed to determine if there is a relation between the amount of biodiversity in an area and the health of the residents. The method used will be a mixed model analysis. This model allows for the use of fixed effects and random effects. Health itself can be divided into multiple categories to create a more detailed analysis. These categories are overall health, smoking, Obesity, morbid obesity, chronic physical conditions, medium risk of fear/depression, high risk of fear/depression, stress, loneliness, severe loneliness and meeting the standard of physical activities. These categories will be the dependable variable in the analyses. In this situation smoking and both forms of obesity are the fixed effects. Since these variables have a large and established effect by including them in the analysis the significance of the other variables might be overlooked. A variable has a significant effect on human health if the p-value has a percentage of 5% or lower. This is indicated in the table by the Sig. A Sig of 0.005 or lower would indicate a significant relation. The analysis starts by calculating the significance of the different landscapes in combination with smoking and obesity. When a landscape is found to have a significant impact that landscape can then be singled out to examine if the degree of biodiversity has an additional influence. The zero in this table is an indication for an area that has zero indicators, or the area does not contain the landscape. The number indicates the amount of indicator species in that area. This could show an additional significance between the amount of indicator species. The table with the comparison between the amount of indicator within the same landscape can be found in appendix 1. After a significance is found the size of the effect is then calculated with the standardized mean difference. The outcome of this calculation can provide the size of the effect. A number between 0 and 0,2 would indicate an effect that is too small to be of relevance. A number between 0,2 and 0,5 indicates that the effect is small. A number between 0,5 and 0,8 would indicate a medium

effect. Lastly, a number between 0,8 and 1,4 would indicate a large effect.

Validation

In the next part of the document the effects of the different areas are analysed. From this analysis a list could be created in which specified the amount of biodiversity and its relation to health. With this information it is possible to determent the effect of each area. In this part of the document the validity of the model and the results are discussed. This will start by checking if the data presented by the RIVM experiences skewness and kurtosis. Secondly, the model itself will be analysed to see if there is a good fit.

Distribution of the data

A normal distribution of the data would ensure that the result are valid. A simple check can be performed on the amount of skewness and the amount of kurtosis of the data. As a rule, if the kurtosis and skewness is above 1,5 and lower than -1,5 additional measure have to be taken in order to create valid results. The table below show the amount of kurtosis and skewness per aspect of health.

Aspect of health	Amount of kurtosis	Amount of skewness
Overall health	1,542	-0,974
Smoking	1,330	1,002
Obesity	0,651	0,457
Morbid obesity	0,651	0,457
Chronic physical conditions	1,186	0,355
Fear and depression (medium)	0,402	0,597
Fear and depression (high)	2,445	1,440
Loneliness	0,897	0,926
Severe loneliness	1,827	1,223

stress	1,381	1,080
Meeting the advised amount of physical activity	1,876	0,117

Table 1.2 Amount of kurtosis and skewness

This shows that the amount of kurtosis and skewness is low. However, there are aspects of health with a score that exceeds the desired amount of 1,5 and -1,5. During the analysis it might become apparent that the skewness and kurtosis deform the results of the data. When this happens, a bootstrap can be performed in order to create a mean that has a larger reliability.

Part three: Results

introduction

This part of the documents focusses on the results that are generated from the analysis. This part is divided by the different aspects of health as mentioned in the chapter about data gathering. The areas and who present and significant influence in relation to the aspect of health are then described. Also, the effect sizes will be mentioned in order to understand the amount of influence that an area has. The second validation is performed on the data itself to see if there are abnormalities within the data.

Developing healthy and green residential areas

Overall health

The first performed test used the overall health of the inhabitants as the dependable variable. The table below shows the outcome of this test.

Mixed Model:

Health RIVM

	Sig.
Smoking	0,000
Obesity	0,000
Heath, raised moor and shifting sand	0,002
Open agricultural area	0,042
Beaches	0,007
Half open and closed agricultural area	0,114
Dunes	0,101
Forest	<0,001
Swamp	0,002

a. Dependent Variable: Health RIVM

Table 1.3 Mixed model results with dependent variable health

This test indicates that besides smoking and obesity, the landscape heath, raised moor and shifting sand, the landscape agricultural area, the landscape beaches, the landscape forest and the landscape swamp have a significant effect on the health. The previous analysis focused on the different landscapes and their perceived effect on health. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

heath, raised moor and shifting sand

The table shown in the appendix shows the significance between the amount of indicator species for the landscape heath, raised moor and shifting sand. Interesting here is that there is no significant relation with the landscape alone. This is indicated by the fact that there is no significant relation between the overall health of this landscape with one, two, three, four and five indicator species in comparison to an area without this landscape. A significant relation has been found with areas who have six indicator species. The number of indicators above six except are not shown to have any

significant influence on the perceived health of the inhabitants in relation to areas without this landscape or without any indicators. An additional significant relation can be found between the area that has six indicator species and areas with two, four and nine indicator species. Firstly, the standardized mean difference is calculated for the effect of the landscape heath, raised moor and shifting sand without this landscape or without any indicator species in relation to areas with six indicator species. This gives an effect of 0,13 which is considered to be small. Secondly, the standardized mean difference is calculated for the effect of the landscape heath, raised moor and shifting sand with two and four indicator species in relation to areas with six indicator species. The effect sizes are 0,19 and 0,14 respectively. These effect sizes can be considered small. Lastly, the standardized mean difference is calculated for the effect of the landscape heath, raised moor and shifting sand with nine indicator species in relation to areas with six indicator species. This provides an effect size of 0.29 which is considered to have a medium effect. Interestingly this would indicate that an area with a larger amount of biodiversity would not experience the same benefits as areas with an area with a lesser amount of biodiversity.

open agricultural area

The table shown at first indicates that this landscape has a significant relation to the aspect of stress. However, in the pairwise analysis it becomes apparent that there is no significant relation between the areas with the different amount of indicator species

beaches

The table shown at first indicates that this landscape has a significant relation to the aspect of stress. However, in the pairwise analysis it becomes apparent that there is no significant relation between the areas with the different amount of indicator species

Forrest

The table shown in the appendix shows the significance between the amount of indicator species for the landscape forest. Within the landscape forests there is no additional significance between the amount indicator

species. All indicator species above zero express a significant influence on the overall health. This effect does not appear to increase with more biodiversity. The standardized mean difference is calculated for the effect of an area without the landscape forests or without any indicator species in relation to areas with one, two and three indicator species. This gives an effect of -0,10, -0,11 and -0,16. These effects can be considered to be small.

Swamp

The table shown in the appendix shows the significance between the amount of indicator species for the landscape swamp. This shows that areas with only one indicator species do not appear to have a significant influence on the overall health of the inhabitants in comparison with areas without this landscape or without any indicator species. The areas with two indicator species have shown to have a significant influence on the overall health in comparison with areas without this landscape or without indicator species. The standardized mean difference is calculated for the effect of an area without the landscape swamps or without any indicator species in relation to areas with two indicator species. This gives an effect size of 0,05 which is considered to be small.

Developing healthy and green residential areas

Smoking

The first performed test used the smoking of the inhabitants as the dependable variable. The table below shows the outcome of this test.

Mixed Model:

Smoking RIVM

	Sig.
Smoking	
Obesity	<0,001
Heath, raised moor and shifting sand	<0,001
Open agricultural area	<0,001
Beaches	0,565
Half open and closed agricultural area	<0,001
Dunes	0,164
Forest	<0,001
Swamp	<0,001

a. Dependent Variable: Smoking RIVM

Table 1.4 Mixed model results with dependent variable smoking

This test indicates that besides obesity, the landscape heath, raised moor and shifting sand, the landscape open agricultural area, the landscape half open/ closed area, the landscape forest and the landscape swamp have a significant effect on the percentage of smokers. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

heath, raised moor and shifting sand

The table shown in the appendix shows the significance between the amount of indicator species for the landscape heath, raised moor and shifting sand. Like the effect of this landscape on the overall health, the influence of this landscape on the inhabitants who smoke becomes apparent after a certain quality of biodiversity. A significant effect becomes apparent in areas with five, eight and nine indicator species in comparison to areas without this landscape or without any indicator species. Addition significant relations can be found between areas with two indicator species and areas with one, five, eight and nine indicator species. Interestingly areas with nine

indicator species have shown to have an additional significant relation with areas with three, four, seven and eight indicator species. First the standardized mean difference is calculated for the effect of an area without the landscape heath, raised moor and shifting sand or without any indicator species in relation to areas with five, eight and nine indicator species. This gives an effect size of -0,34, -0,26 and -0,69. The effect size of the areas with five and eight can be considered medium. The effect size of the areas with nine indicator species can be considered large. The negative numbers would indicate that if areas without this landscape or without indicator species would experience an increase in the number of smokers if the amount of biodiversity were to rise.

Secondly the standardized mean difference is calculated for the effect of an area with two indicator species and areas with one, five, eight and nine indicator species. This gives an effect size of 1,09, 0,40, 0,33 and 0,71. The effect size of the areas with five and eight indicators have shown to have a medium effect size. The effect size of the areas with nine indicators is considered a large effect. The effect size of the areas with one indicator is considered small. This would indicate that areas with one, five, eight and nine indicator species would experience a reduction in the amount of smoker if those areas were to change into areas with two indicator species.

Thirdly the standardized mean difference is calculated for the effect of an area with nine indicator species and areas with three, four, six, seven and eight indicator species. This gives an effect size of -0,32, -0,30, 0, -0,70, 0,32 and -0,50. The areas with three, four and seven indicator species are shown to have a medium effect. The areas with six and eight indicator species are shown to have a large effect. The negative numbers indicate that an area with nine indicators would experience a decrease in the number of smokers if the amount of biodiversity is decreased.

open agricultural area

The table shown in the appendix shows the significance between the amount of indicator species for the landscape open agricultural

areas. Interesting here is that the benefits of this landscape are only shown in relation to areas who don't contain this landscape or do not have any indicator species. It can also be noticed that areas with three indicator species do not influence the number of smokers in relation to areas with or without indicator species. the standardized mean difference is calculated for the effect of an area without the landscape open agricultural areas or without any indicator species in relation to areas with one, two and three indicator species. This gives an effect size of -0,14, -0,17 and -0,07. these effect sizes are considered small.

Half open/ closed agricultural area

The table shown in the appendix shows the significance between the amount of indicator species for the landscape Half open/ closed agricultural areas. Since this landscape has only one indicator species there cannot be a comparison between the amount of indicator species. It does show a significant influence in the number of smokers in areas with one indicator species in comparison to areas without this landscape or without any indicator species. the standardized mean difference is calculated for the effect of an area without the landscape Half open/ closed agricultural area or without any indicator species in relation to areas with one indicator species. This gives an effect size of -0,08 which is considered to be small.

forests

The table shown in the appendix shows the significance between the amount of indicator species for the landscape Forests. A significant relation on the number of smokers in areas with one indicator species and areas without this landscape or without any indicator species. Additionally, a significant relation can be found between areas with three indicator species and areas with one and two. First, the standardized mean difference is calculated for the effect of an area without the landscape forest or without any indicator species in relation to areas with one indicator species. This gives an effect size of 0,09 this effect size is considered small. Secondly, the standardized mean difference is calculated for the effect of an area with one indicator species and areas with three.

This gives an effect size of -0,21 which is considered to have a medium effect. This would mean that if an area with one indicator species increases the amount of biodiversity to meet the level of an area with three indicator species this would increase the number of smokers.

Swamps

The table shown in the appendix shows the significance between the amount of indicator species for the landscape swamps. A significant relation can be found between areas with two indicator species and areas with one indicator species and areas without this landscape or without any indicator species. the standardized mean difference is calculated for the effect of an area with two indicator species in relation to areas without the landscape forest or without any indicator species and areas with one indicator species. This gives an effect size of -0,17 and -0,30. The effect size of an area without this landscape or without any indicator species is small. The effect size from the comparison with areas with one indicator is considered medium.

Developing healthy and green residential areas

Obesity

The first performed test used the obesity rate of the inhabitants as the dependable variable. The tables below show the outcome of this test.

Mixed Model:

Obesity RIVM

	Sig.
Smoking	<0,001
Obesity	
Heath, raised moor and shifting sand	<0,001
Open agricultural area	<0,001
Beaches	0,003
Half open and closed agricultural area	<0,001
Dunes	<0,001
Forest	<0,001
Swamp	<0,001

a. Dependent Variable: Obesity RIVM

Table 1.5 Mixed model results with dependent variable Obesity

This test indicates that besides smoking the landscape heath, raised moor and shifting sand, the landscape open agricultural area, the landscape half open/ closed agricultural area, the landscape dunes, the landscape forest and the landscape swamp have a significant effect on the percentage of obesity and morbid obesity. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

heath, raised moor and shifting sand

The table shown in the appendix shows the significance between the amount of indicator species for the landscape heath, raised moor and shifting sand. A significant relation can be found between areas without this landscape or without any indicator species and areas with two, five, seven and eight indicator species. Additionally, a significant relation can be found with areas with two indicator species and areas with three, four, five, six, seven, eight and nine indicator species. First the standardized mean difference is calculated for the effect of an area without the landscape heath, raised moor and shifting sand or without any indicator species

in relation to areas with two, five, seven and eight indicator species. This gives an effect size of -0,27, 0,15, 0,18 and -0,22. The effects size of the areas with five and seven indicator species can be considered to be small. The effects size of the areas with two and eight indicator species can be considered medium.

Secondly the standardized mean difference is calculated for the effect of an area with two indicator species in relation to areas with three, four, five, six, seven, eight and nine indicator species. This gives an effect size of -0,29, -0,34, -0,44, -0,33, -0,50, -0,55 and -0,03. The effect size of the areas with three, four, five and six indicator species would be considered small. The effect size of areas with seven and eight indicator species would be considered large. The effect size of areas with nine indicator species would be considered to be small.

Open agricultural areas

The table shown in the appendix shows the significance between the amount of indicator species for the landscape heath, raised moor and shifting sand. A significant relation can be found between areas without this landscape or without any indicator species and areas with one, two and three indicator species. This gives an effect size of 0,15, 0,19 and 0,20. The effect sizes of areas with one and two are small. The effect size of areas with three indicator species is considered medium.

Beaches

The table shown at first indicates that this landscape has a significant relation to the aspect of stress. However, in the pairwise analysis it becomes apparent that there is no significant relation between the areas with the different amount of indicator species

half open/ closed agricultural area

The table shown in the appendix shows the significance between the amount of indicator species for the landscape half open/ closed agricultural area. A significant relation can be found between areas without this landscape or without any indicator species and areas with one indicator species. This gives an effect size of 0,08. This effect size is small.

Dunes

The table shown in the appendix shows the

significance between the amount of indicator species for the landscape dunes. A significant relation can be found between areas with two indicator species and areas without this landscape or without any indicator species and areas with one indicator species. This gives an effect size of -0,37 and -0,40. This effect size is considered medium.

Forest

The table shown in the appendix shows the significance between the amount of indicator species for the landscape forest. A significant relation can be found between areas without this landscape or without any indicator species and areas with one, two and three indicator species. This gives an effect size of -0,10, -0,12 and -0,22. The effect sizes of areas with one and two indicator species are considered to be small. This effect size of areas with three indicator species can be considered to be medium.

Swamp

The table shown in the appendix shows the significance between the amount of indicator species for the landscape swamp. A significant relation can be found between areas without this landscape or without any indicator species and areas with two indicator species. This gives an effect size of 0,12. This effect size is considered to be small.

Developing healthy and green residential areas

Morbid

The first performed test used the morbid obesity rate of the inhabitants as the dependable variable. The tables below show the outcome of this test.

Mixed Model:

Morbid Obesity RIVM

	Sig.
Smoking	0,000
Obesity	0,000
Heath, raised moor and shifting sand	0,004
Open agricultural area	0,013
Beaches	0,018
Half open and closed agricultural area	<0,001
Dunes	<0,001
Forest	0,004
Swamp	0,039

a. Dependent Variable: Obesity Morbid RIVM

Table 1.6 Mixed model results with dependent variable Morbid obesity

This test indicates that besides smoking and obesity the landscape heath, raised moor and shifting sand, the landscape open agricultural area, the landscape beaches, the landscape half open/ closed agricultural area, the landscape dunes, the landscape forest and the landscape swamp have a significant effect on the percentage of morbid obesity. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

heath, raised moor and shifting sand

The table shown in the appendix shows the significance between the amount of indicator species for the landscape heath, raised moor and shifting sand. A significant relation can be found between areas with four indicator species and areas without this landscape or without any indicator species and areas with five, six and nine indicator species. The standardized mean difference is calculated for the effect of an area with four indicator pieces

and areas without the landscape heath, raised moor and shifting sand or without any indicator species and areas with five, six and nine indicator species. This gives an effect size of -0,08, -0,09, -0,09 and 0,16 all these effect sizes are considered small.

open agricultural area

The table shown in the appendix shows the significance between the amount of indicator species for the open agricultural areas. A significant relation can be found between areas without this landscape or without any indicator species and areas with one and two indicator species. The standardized mean difference is calculated for the effect of areas without this landscape or without any indicator species and areas with one and two indicator species. This gives an effect size of 0,14 and 0,15 which are considered medium effects.

Beaches

The table shown at first indicates that this landscape has a significant relation to the aspect of stress. However, in the pairwise analysis it becomes apparent that there is no significant relation between the areas with the different amount of indicator species.

Open agricultural areas

The table shown in the appendix shows the significance between the amount of indicator species for the landscape open agricultural areas. A significant relation can be found between areas with three indicator species and areas with one indicator species. This gives an effect size of -0,06 which is considered to be small.

half open/ closed agricultural area

The table shown in the appendix shows the significance between the amount of indicator species for the landscape half open/ closed agricultural area. A significant relation can be found between areas with three indicator species and areas with one indicator species. This gives an effect size of -0,03 which is considered to be small.

Dunes

The table shown in the appendix shows the significance between the amount of indicator species for the landscape dunes. A significant relation can be found between areas with four

indicator species and areas without this landscape or without any indicator species and areas with one, two and three indicator species. This gives an effect size of -0,61, -0,69, -0,55 and -0,64. All these effects can be considered large.

Forests

The table shown in the appendix shows the significance between the amount of indicator species for the landscape forest. A significant relation can be found between areas without this landscape or without any indicator species and areas with one indicator species. This gives an effect size 0,03 which can be considered to be small.

Swamp

The table shown in the appendix shows the significance between the amount of indicator species for the landscape swamp. A significant relation can be found between areas with two indicator species and areas without this landscape or without any indicator species and areas with one indicator species. This gives an effect size of 0,18 and 0,11. These effect sizes are considered to be small.

Developing healthy and green residential areas

Chronic physical conditions

The first performed test used chronic physical conditions of the inhabitants as the dependable variable. The tables below show the outcome of this test.

Mixed Model:

Chronic conditions

	Sig.
Smoking	<0,001
Obesity	0,000
Heath, raised moor and shifting sand	<0,001
Open agricultural area	0,002
Beaches	<0,001
Half open and closed agricultural area	0,015
Dunes	<0,001
Forest	<0,001
Swamp	<0,001

a. Dependent Variable: Physical Health Cron RIVM
 Table 1.7 Mixed model results with dependent variable chronic physical conditions

This test indicates that besides smoking and obesity, the landscape heath, raised moor and shifting sand, the landscape open agricultural area, the landscape beaches, the landscape half open/ closed agricultural areas, the landscape dunes, the landscape forest and the landscape swamp have a significant effect on the percentage of inhabitants with chronic physical conditions. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

heath, raised moor and shifting sand

The table shown in the appendix shows the significance between the amount of indicator species for the landscape heath, raised moor and shifting sand. A significant relation can be found between areas without this landscape or without any indicator species and areas with two and nine indicator species. Additionally, two significant relations can be found. The first relation can be found between areas with two and six indicator species. The second relation can be found between areas with nine indicator species and one, four, five, six, seven and ten. First, the standardized mean

difference is calculated for the effect of the landscape heath, raised moor and shifting sand without this landscape or without any indicator species and areas with one indicator species in relation to areas with two and nine indicator species. This gives an effect size of 0,18 and 0,31. The effect size of the areas with two indicator species can be considered small and the effect size of the areas with nine indicator species can be considered medium.

Secondly, the standardized mean difference is calculated for the effect areas with two indicator species in relation to areas with six indicator species. This gives an effect size of 0,26 which is considered small

Thirdly The standardized mean difference is calculated for the effect areas with nine indicator species in relation to areas with one, four, five, six, seven and ten indicator species. This gives an effect size of 1,05, 0,34, 0,34, 0,39, 0,28 and 0,53. The effect sizes of areas with four, five, six, seven indicator species can be considered medium. The effect size of areas with ten indicator species can be considered large. The effect size of areas with one indicator species can be considered very large.

open agricultural area

The table shown in the appendix shows the significance between the amount of indicator species for the landscape heath, open agricultural areas. A significant relation can be found between areas without this landscape or without any indicator species and areas with one and two indicator species. The standardized mean difference is calculated for the effect of areas without this landscape or without any indicator species and areas with one and two indicator species. This gives an effect size of -0,06 and -0,08 which are considered small effects.

Beaches

The table shown in the appendix shows the significance between the amount of indicator species for the landscape beaches. A significant relation can be found between areas without this landscape or without any indicator species and areas with two indicator species. An additional significant relation can be found between areas with one indicator species and

areas with three indicator species. The standardized mean difference is calculated for the effect of areas without this landscape or without any indicator species and areas with two indicator species. This gives an effect size of -0,33 which is considered to be a medium effect.

Secondly, the standardized mean difference is calculated for the effect of the areas with one indicator species in relation to areas with three indicator species. This gives an effect size of -0,33 which is considered to be a medium effect.

Half open/ closed agricultural area

The table shown at first indicates that this landscape has a significant relation to the aspect of stress. However, in the pairwise analysis it becomes apparent that there is no significant relation between the areas with the different amount of indicator species

Dunes

The table shown in the appendix shows the significance between the amount of indicator species for the landscape dunes. A significant relation can be found between areas without this landscape or without any indicator species and areas with one and two indicator species. The standardized mean difference is calculated for the effect of areas without this landscape or without any indicator species and areas with one and two indicator species. This gives an effect size of 0,26 and 0,29 which are considered to be a medium effect.

Forests

The table shown in the appendix shows the significance between the amount of indicator species for the landscape forests. A significant relation can be found between areas without this landscape or without any indicator species and areas with one, two and three indicator species. The standardized mean difference is calculated for the effect of areas without this landscape or without any indicator species and areas with one, two and three indicator species. This gives an effect size of 0,15, 0,15 and 0,19 which are considered to be small.

Swamps

The table shown in the appendix shows the significance between the amount of indicator species for the landscape swamps. A significant

relation can be found between areas without this landscape or without any indicator species and areas with two indicator species. The standardized mean difference is calculated for the effect of areas without this landscape or without any indicator species and areas with two indicator species. This gives an effect size of -0,08 which are considered to be small.

Developing healthy and green residential areas

Medium risk of fear/depression

The first performed uses medium risk of fear/depression as the dependable variable. The tables below show the outcome of this test.

Mixed Model:

Medium Risk

	Sig.
Smoking	0,000
Obesity	<0,001
Heath, raised moor and shifting sand	0,025
Open agricultural area	0,005
Beaches	0,001
Half open and closed agricultural area	0,161
Dunes	0,257
Forest	<0,001
Swamp	0,004

a. Dependent Variable: Fear Depression
Medium Risk RIVM

Table 1.8 Mixed model results with dependent variable medium risk of fear and depression

This test indicates that besides smoking and obesity, the landscape heath, raised moor and shifting sand, the landscape open agricultural areas, the landscape beaches, the landscape forest and the landscape swamp have a significant effect on the percentage of inhabitants who have a medium risk for fear/depression and inhabitants. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

heath, raised moor and shifting sand

The table shown at first indicates that this landscape has a significant relation to the aspect of stress. However, in the pairwise analysis it becomes apparent that there is no significant relation between the areas with the different amount of indicator species

open agricultural area

The table shown at first indicates that this landscape has a significant relation to the aspect of stress. However, in the pairwise

analysis it becomes apparent that there is no significant relation between the areas with the different amount of indicator species

Beaches

The table shown in the appendix shows the significance between the amount of indicator species for the landscape beaches. There is a significant relation between areas without this landscape or without any indicator species and areas with one indicator species. The standardized mean difference is calculated for the effect of areas without this landscape or without any indicator species and areas with one indicator species. This gives an effect size of -0,19 which is considered to be small.

Forests

The table shown in the appendix shows the significance between the amount of indicator species for the landscape forest. There is a significant relation between areas with one indicator species and areas without this landscape or without any indicator species and areas with two indicator species. The standardized mean difference is calculated for the effect of areas with one indicator species and areas without this landscape or without any indicator species and areas with two indicator species. This gives an effect size of 0,05 and 0,05 which is considered to be small.

Swamps

The table shown in the appendix shows the significance between the amount of indicator species for the landscape swamps. There is a significant relation between areas with two indicator species and areas without this landscape or without any indicator species. The standardized mean difference is calculated for the effect of areas with two indicator species and areas without this landscape or without any indicator species. This gives an effect size of 0,04 which is considered to be small

High risk of fear/depression

The first performed test uses high risk of fear and depression as the dependable variable. The tables below show the outcome of this test.

Mixed Model:

High Risk

	Sig.
Smoking	0,000
Obesity	<0,001
Heath, raised moor and shifting sand	0,008
Open agricultural area	0,061
Beaches	<0,001
Half open and closed agricultural area	0,266
Dunes	0,069
Forest	0,002
Swamp	0,253

a. Dependent Variable: Fear Depression High Risk RIVM

Table 1.9 Mixed model results with dependent variable high risk of fear and depression

This test indicates that besides smoking and obesity, the landscape beaches and the landscape forest have a significant effect on the percentage of inhabitants who have a high risk of fear and depression. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

heath, raised moor and shifting sand

The table shown in the appendix shows the significance between the amount of indicator species for the landscape heath, raised moor and shifting sand. A significant relation can be found between areas with one indicator species and areas with nine and ten indicator species. The standardized mean difference is calculated for the effect of the landscape heath, raised moor and shifting sand with one

indicator species and areas with nine and ten indicator species. This gives an effect size of -0,46 and -0,60. The effect on the area with eight indicator species is considered medium. The effect on an area with nine indicator species is considered to be large.

Beaches

The table shown in the appendix shows the significance between the amount of indicator species for the landscape beaches. There is a significant relation between areas without this landscape or without any indicator species and areas with one indicator species. The standardized mean difference is calculated for the effect of areas without this landscape or without any indicator species and areas with one indicator species. This gives an effect size of -0,29 which is considered to be a medium effect.

Forests

The table shown in the appendix shows the significance between the amount of indicator species for the landscape forest. There is a significant relation between areas with one indicator species and areas without this landscape or without any indicator species. The standardized mean difference is calculated for the effect of areas with one indicator species and areas without this landscape or without any indicator species. This gives an effect size of 0,04 which is considered to be small.

Loneliness

The first performed test used the inhabitants that experience loneliness as a dependable variable. The tables below show the outcome of this test.

Mixed Model:

Loneliness

	Sig.
Smoking	0,000
Obesity	0,000
Heath, raised moor and shifting sand	<0,001
Open agricultural area	0,004
Beaches	<0,001
Half open and closed agricultural area	0,764
Dunes	0,990
Forest	<0,001
Swamp	0,108

a. Dependent Variable: Loneliness RIVM

Table 1.10 Mixed model results with dependent variable loneliness

This test indicates that besides smoking and obesity, the landscape heath, raised moor and shifting sand, the landscape open agricultural area, the landscape beaches and the forests have a significant effect on the percentage of inhabitants who experience loneliness. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

heath, raised moor and shifting sand

The table shown in the appendix shows the significance between the amount of indicator species for the landscape heath, raised moor and shifting sand. A significant relation can be found between areas without this landscape or without any indicator species and areas with six indicator species. Additionally, a significant relations can be found between areas with two indicator species and areas with four, five and six indicator species. First, the standardized

mean difference is calculated for the effect of the landscape heath, raised moor and shifting sand without this landscape or without any indicator species and areas with six indicator species. This gives an effect size of -0,11 which is considered to be small.

Secondly, the standardized mean difference is calculated for the effect of the landscape heath, raised moor and shifting sand with two and areas with four, five and six indicator species. This gives an effect size of 0,17, 0,18 and 0,20. The effect size of areas with four and five indicator species are considered to be small. The effect size of areas with six indicator species is considered medium.

open agricultural area

The table shown in the appendix shows the significance between the amount of indicator species for the landscape open agricultural area. A significant relation can be found between areas without this landscape or without any indicator species and areas with two indicator species. The standardized mean difference is calculated for the effect of an area without this landscape or without any indicator species and areas with two indicator species. This gives an effect size of -0,08 which is considered to be small.

Beaches

The table shown in the appendix shows the significance between the amount of indicator species for the landscape beaches. A significant relation can be found between areas without this landscape or without any indicator species and areas with one and two indicator species. The standardized mean difference is calculated for the effect of an area without this landscape or without any indicator species and areas with one and two indicator species. This gives an effect size of -0,27 and -0,26 which is considered to be medium.

Forrest

The table shown in the appendix shows the significance between the amount of indicator species for the landscape forest. A significant relation can be found between areas without this landscape or without any indicator species and areas with one indicator species. The standardized mean difference is calculated for

the effect of an area without this landscape or without any indicator species and areas with one indicator species. This gives an effect size of 0,07 which is considered to be small.

Developing healthy and green residential areas

Severe

loneliness

The first performed test used the inhabitants that experience severe loneliness as a dependable variable. The tables below show the outcome of this test.

Mixed Model:

Severe Loneliness

	Sig.
Smoking	0,000
Obesity	0,000
Heath, raised moor and shifting sand	0,002
Open agricultural area	0,003
Beaches	<0,001
Half open and closed agricultural area	0,640
Dunes	0,475
Forest	<0,001
Swamp	0,113

a. Dependent Variable: Loneliness Severe RIVM

Table 1.11 Mixed model results with dependent variable severe loneliness

This test indicates that besides smoking and obesity, the landscape heath, raised moor and shifting sand, the landscape open agricultural area, the landscape beaches and the forests have a significant effect on the percentage of inhabitants who experience loneliness. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

heath, raised moor and shifting sand

The table shown in the appendix shows the significance between the amount of indicator species for the landscape heath, raised moor and shifting sand. A significant relation can be found between areas without this landscape or without any indicator species and areas with six indicator species. Additionally, a significant relations can be found between areas with six indicator species and areas with seven

indicator species. First, the standardized mean difference is calculated for areas without this landscape or without any indicator species and areas with six indicator species. This gives an effect size of -0,11 which is considered to be small. Secondly, the standardized mean difference is calculated for the effect of areas with seven indicator species and areas six indicator species. This gives an effect size of 0,16. This effect size is considered small.

open agricultural area

The table shown in the appendix shows the significance between the amount of indicator species for the landscape open agricultural area. A significant relation can be found between areas without this landscape or without any indicator species and areas with two indicator species. The standardized mean difference is calculated for the effect of an area without this landscape or without any indicator species and areas with two indicator species. This gives an effect size of -0,07 which is considered a small effect.

Beaches

The table shown in the appendix shows the significance between the amount of indicator species for the landscape beaches. A significant relation can be found between areas without this landscape or without any indicator species and areas with one and two indicator species. The standardized mean difference is calculated for the effect of an area without this landscape or without any indicator species and areas with one and two indicator species. This gives an effect size of -0,31 and -0,23 which are considered to be small.

Forrest

The table shown in the appendix shows the significance between the amount of indicator species for the landscape forest. A significant relation can be found between areas without this landscape or without any indicator species and areas with one indicator species. The standardized mean difference is calculated for the effect of an area without this landscape or without any indicator species and areas with one indicator species. This gives an effect size of 0,06 which is considered small.

Stress

The first performed test used the inhabitants that experience stress as a dependable variable. The tables below show the outcome of this test.

Mixed Model:

Stress

	Sig.
Smoking	0,000
Obesity	0,000
Heath, raised moor and shifting sand	<0,001
Open agricultural area	<0,001
Beaches	<0,001
Half open and closed agricultural area	0,028
Dunes	0,238
Forest	0,063
Swamp	0,530

a. Dependent Variable: Stress RIVM

Table 1.12 Mixed model results with dependent variable stress

This test indicates that besides smoking and obesity, the landscape heath, raised moor and shifting sand, the landscape open agricultural area, the landscape half open/closed agricultural areas and the landscape beaches. have a significant effect on the percentage of inhabitants who experience stress. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

heath, raised moor and shifting sand

The table shown in the appendix shows the significance between the amount of indicator species for the landscape heath, raised moor and shifting sand. A significant relation can be found between areas with two indicator species and areas with eight and nine indicator species. The standardized mean difference is calculated for the effect of the landscape heath, raised moor and shifting sand with eight indicator species in relation to areas with nine indicator species. This gives an effect size of 0,03 which is considered small.

open agricultural area

The table shown in the appendix shows the significance between the amount of indicator species for the landscape open agricultural areas. This table shows that there is a significant relation between areas without this landscape or without any indicator species and areas with two indicator species. The standardized mean difference is calculated for the effect of the landscape open agricultural area with two indicator species and areas without this landscape or without any indicator species. This gives an effect size of -0,07 which is considered a small.

Beaches

The table shown in the appendix shows the significance between the amount of indicator species for the landscape beaches. A significant relation is established between the area without this landscape or without any indicator species and the areas with one and three indicator species. The standardized mean difference is calculated for the effect of the landscape beaches without this landscape or without any indicator species in relation to areas with one and two indicator species. This gives an effect size of -0,29 and -0,22. which are considered medium effect sizes.

Half open/ closed agricultural area

The table shown at first indicates that this landscape has a significant relation to the aspect of stress. However, in the pairwise analysis it becomes apparent that there is no significant relation between the areas with the different amount of indicator species.

Developing healthy and green residential areas

Meeting the standard of physical activities

The first performed test used the inhabitants that meet the standard number of physical activities as a dependable variable. The tables below show the outcome of this test.

Mixed Model:

Exercise Norm RIVM

	Sig.
Smoking	0,022
Obesity	0,000
Heath, raised moor and shifting sand	0,058
Open agricultural area	0,055
Beaches	0,026
Half open and closed agricultural area	0,073
Dunes	<0,001
Forest	0,145
Swamp	0,053

a. Dependent Variable: Exercise Norm RIVM

Table 1.13 Mixed model results with dependent variable Meeting the exercise norm of the RIVM

This test indicates that besides smoking obesity, the landscape beaches and the dunes has a significant effect on the percentage of inhabitants who meet the standard number of physical activities. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

Beaches

The table shown in the appendix shows the significance between the amount of indicator species for the landscape beaches. A significant relation can be found between areas with one indicator species in relation to areas without this landscape or without any indicator species. The standardized mean difference is calculated for the effect of the landscape beaches with one indicator species in relation to areas without this landscape or without any indicator species. This gives an effect of -0,37 which is considered a medium effect.

dunes

The table shown in the appendix shows the significance between the amount of indicator

species for the landscape dunes. A significant relation can be found between areas with one and two indicator species in relation to areas without this landscape or without any indicator species. Areas with three and four indicator species have not shown to have a significant influence on the percentage of inhabitants who meet the standard number of physical activities. The standardized mean difference is calculated for the effect of the landscape dunes with one indicator species in relation to areas without this landscape or without any indicator species. This gives an effect of 0,21 which is considered a small effect. The same calculation can be made between an area with two indicator species and an area without this landscape or without any indicator species. This also gives an effect of 0,24 which is considered a medium effect.

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Meeting the standard of physical activities

The first performed test used the inhabitants that meet the standard number of physical activities as a dependable variable. The tables below show the outcome of this test.

Mixed Model:

Exercise Norm RIVM

	Sig.
Smoking	0,022
Obesity	0,000
Heath, raised moor and shifting sand	0,058
Open agricultural area	0,055
Beaches	0,026
Half open and closed agricultural area	0,073
Dunes	<0,001
Forest	0,145
Swamp	0,053

a. Dependent Variable: Exercise Norm RIVM

Table 1.13 Mixed model results with dependent variable Meeting the exercise norm of the RIVM

This test indicates that besides smoking obesity, the landscape beaches and the dunes has a significant effect on the percentage of inhabitants who meet the standard number of physical activities. The following analysis focuses on the difference between the amount of indicator species within the same landscape.

Beaches

The table shown in the appendix shows the significance between the amount of indicator species for the landscape beaches. A significant relation can be found between areas with one indicator species in relation to areas without this landscape or without any indicator species. The standardized mean difference is calculated for the effect of the landscape beaches with one indicator species in relation to areas without this landscape or without any indicator species. This gives an effect of -0,37 which is considered a medium effect.

dunes

The table shown in the appendix shows the significance between the amount of indicator

species for the landscape dunes. A significant relation can be found between areas with one and two indicator species in relation to areas without this landscape or without any indicator species. Areas with three and four indicator species have not shown to have a significant influence on the percentage of inhabitants who meet the standard number of physical activities. The standardized mean difference is calculated for the effect of the landscape dunes with one indicator species in relation to areas without this landscape or without any indicator species. This gives an effect of 0,21 which is considered a small effect. The same calculation can be made between an area with two indicator species and an area without this landscape or without any indicator species. This also gives an effect of 0,24 which is considered a medium effect.

Calculating the pseudo R-squared

In the first part of the analysis the areas and the amount of indicator species who share a significant relation which each other were formulated. Then the areas who have a significant relation to the different aspects of health were found, it was possible to determine whether the effect was positive or negative and to which extend the aspect of health is influenced. In this part the R-square is calculated this will explain the proportion of the dependable variable that can be explained by the independent variable. In the table below are the different health aspects shown in relation to the landscape that had shown to have a significant relation.

Health aspect	landscape	R-square in percentage
<i>Overall health</i>	Total	0,6%
	heath, raised moor and shifting sand	0,1%
	Dunes	0,0%
	Forests	0,3%
	Swamp	0,2
<i>Smoking</i>	Total	2,6%
	heath, raised moor and shifting sand	0,4%
	open agricultural area	0,9%
	Half open/closed agricultural area	1,3%
	Forests	0,2%
<i>Obesity</i>	Swamps	0,2%
	total	3,9%
	heath, raised moor and shifting sand	0,0%
	open agricultural area	1,8%
	beaches	0,0%
	Half open/closed agricultural area	1,3%

Morbid obesity

Dunes	0,4%
Forests	1,0%
Swamps	0,0%
Total	1,1%
heath, raised moor and shifting sand	0,0%
open agricultural area	0,5
Half open/closed agricultural area	0,4%
Dunes	0,3%
Forests	0,1%
Swamps	0,0%
Total	0,5%
heath, raised moor and shifting sand	0,0%
open agricultural area	0,1%
beaches	0,0%
Dunes	0,2%
Forests	0,0%
Swamps	0,2%
total	2,8%
beaches	0,1%
Forests	2,4%
Swamps	0,2%
total	2,5%
heath, raised moor and shifting sand	0,3%
beaches	0,1%
Forests	1,8%
total	4,6%

Chronic physical conditions

Medium risk of fear/ depression

High risk of fear/ depression

Loneliness

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<i>Severe loneliness</i>	heath, raised moor and shifting sand	0,7%
	open agricultural area	2,6%
	beaches	0,0%
	Forests	1,7%
	total	4,1%
<i>Stress</i>	heath, raised moor and shifting sand	0,4%
	open agricultural area	1,5%
	beaches	0,0%
	Forests	2,3%
	total	4,7%
<i>Meeting the standard of physical activity</i>	heath, raised moor and shifting sand	0,8%
	open agricultural area	4,3%
	beaches	0,1%
	total	1,8
	beaches	0,2%
	dunes	1,8%

Table 1.14 calculations of the pseudo-R

Overall, the numbers derived from this analysis show that the influence on the health of the inhabitants of the Netherlands is quite limited. However, that are still interesting findings that can be reported. In other fields findings with this amount would not be regarded as valid. However, since health is such a complicated subject there is a multitude of factor that could contribute to the health of humans. This research will count an effect as valid if the R-square has a value of one percent or higher. This is done since a one percent increase in the health of the population would mean that the health of a large amount of people are affected by the effect. A focused reader might have noticed that in some cases the percentages do not add up correctly to the overall total. This is caused by rounding up or rounding down of the numbers. In the next part all the viable data will be combined within a single table. This will show all the landscapes and the amount of indicator species who have a reasonable effect and a reasonable influence on the dependable variable.

Summary of the results

In the previous parts the analysis was performed. First, the areas that have a significant relation to the aspects of health were formulated. Secondly, the effect size of these areas was calculated. Thirdly, R-squared was calculated which explains the proportion of the dependable variable that can be explained by the independent variable. This has shown that not all the findings have a significant effect. This could mean that an area has a significant effect which means that there is a high change that the areas influences the aspects of health. However, if the effect is not relevant that particular areas will not be taking into further considerations. The table below shows the areas which meets all the criteria of significance and relevance. To avoid any confusion about the number formulated in the previous part an explanation will be given. If an effect is positive this means that it will positively affect the overall health of the humans. An example can be that if an area has a positive effect size in relation to smoking this means that in the particular area the number of smokers increases. However, this contributes negatively to the health of that person. Therefore, this will be registered as having a negative effect.

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Aspect of health	Landscape	R-squared	Effect of the area	Number of indicators species	Effected number of indicator species	Size of the effect
Smoking	Half open/closed agricultural	1,3%	Positive	one	Without this landscape or without any indicator species	small
Obesity	Open agricultural	1,8%	Negative	one	Without this landscape or without any indicator species	small
			Negative	two	Without this landscape or without any indicator species	small
			Negative	three	Without this landscape or without any indicator species	medium
	Half open/closed agricultural	1,3%	Negative	one	Without this landscape or without any indicator species	small
	Forests	1,0%	Positive	one	Without this landscape or without any indicator species	small
			Positive	two	Without this landscape or without any indicator species	small
			Positive	three	Without this landscape or without any indicator species	medium
Medium risk of fear/ depression	Forests	2,4%	Negative	one	Without this landscape or without any indicator species	small
			Positive	Two	One	small
High risk of fear/ depression	Forests	1.8%	Negative	one	Without this landscape or without any indicator species	small

Aspect of health	Landscape	R-squared	Effect of the area	Number of indicators species	Effected number of indicator species	Size of the effect
Loneliness	open agricultural	2,6%	Positive	two	Without this landscape or without any indicator species	small
	Forests	1,7%	Negative	One	Without this landscape or without any indicator species	small
Severe loneliness	open agricultural	1,5%	positive	two	Without this landscape or without any indicator species	small
	Forests	2,3%	negative	one	Without this landscape or without any indicator species	small
Stress	open agricultural	4,3%	Positive	one	Without this landscape or without any indicator species	small
Meeting the standard of physical activity	Dunes	1,8%	Positive	one	Without this landscape or without any indicator species	medium
			Positive	two	Without this landscape or without any indicator species	medium

Table 1.15 Summary of the results

Part four: Conclusions

Relation of the results with the hypotheses

In the first part of this document the hypothesis was formulated. It was explained that it consist of three different assumptions. With the findings formulated in the summary it is possible to determine whether the hypotheses were accurate.

The amount of biodiversity has a positive influence on the health of the inhabitants of the Netherlands.

An example of an expected result could be that there is a noticeable difference between areas between dunes with one indicator species and areas with 3 indicator species. The assumption would be that since biodiversity has an impact on the health of humans this would be visible in the results. However, if the relevant results are observed this phenomenon is not present. The landscape forest in relation with obesity has shown that areas with different amounts of indicator species do not have a significant or relevant relation with areas with different amounts of indicator species while belonging to the same landscape forests. The different amount of indicator species do have a significant and relevant with areas without this landscape or without any indicator species. This phenomenon is also visible within the other landscapes. During the calculations of the effect size, it became apparent that there are differences between areas with different amount of indicator species while belonging to the same landscape. However, there was no relevant effect or consistency. This has led to the conclusion that the amount of biodiversity has no influence on the different aspect of health.

There is a difference between landscapes and the amount of positive influence on the health of the inhabitants of the Netherlands.

An example of an expected result could be that there is a noticeable difference between areas with the landscape dunes and the landscape forests. If the summarized result are observed it can be noted without a doubt that the landscapes open/closed agricultural areas and forest areas are largely present in the summary of the result while the landscapes heath, raised moor and shifting sand, beaches and swamps

are obviously absent. The exception here is dunes. Which has shown to have a relevant reaction to the aspect meeting the standard of physical activity. It can also be noted that there is a clear distinction about the relation of nature and the different aspects of health. The aspect of health that relate to the physical aspect of health are significantly lower. This is shown by the percentage of effect related to smoking and obesity. At the same time the aspects of health overall health and physical conditions were not even significant enough to be mentioned in the summary. the exception again being the aspect of meeting the advised amount of physical activity. The aspect of health that relate to the mental aspect of health are significantly higher. This is noticeable by having all the aspect related to mental health being present in the summary. There needs to be an addition made to the hypothesis assumed that the different types of nature would have a positive effect on the health of the inhabitants of that area. This was derived from the literature. If the summary of the result is observed, it becomes clear that this is not the case. The landscapes Open agricultural areas, half open/ closed and forest and dunes all a positive effect on some aspects of health, but the relation to other aspects of health is negative or non-existing. The original hypothesis needs to be revised in order to provide a more accurate statement. The conclusion from the summary of the results is: Not all landscapes have an effect on health. Only The landscapes Open agricultural areas, half open/ closed and forest and dunes have a significant effect on the aspect of health. These effects can be positive or negative depending on the aspect of health.

landscapes which predominantly consist of greenspaces have a larger positive influence on the overall health than areas without greenery Similar to the second hypothesis the original assumption that nature has an exclusively positive influence on the health of the inhabitants needs to be discarded. However, it can still be observed that areas with larger amount of literal greenery have a larger influence on health. A more accurate statement could be Areas with visible green vegetation have a larger influence on the

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health of the inhabitants. The influence could be positive or negative depending on the aspect of health.

With this answer the research has achieved the goal that was set out in the beginning. The different landscapes of nature and the different qualities of nature have been analysed. By first responding to the hypothesis the main hypothesis of this study could be proven or disproven. The hypothesis has been proven to be wrong. The results however are interesting and while not proving the full hypothesis parts of the hypothesis can be considered proven to be right. The different amount of biodiversity can show to not have a significant effect on the different aspects of health. The result from comparing the different landscapes is more complicated. The landscapes with larger amounts of greenery have shown to be the landscapes which for the largest part have a significant and relevant influence. However, the results show that this is not always a positive effect. The original statement in the form of the hypothesis needs to be readjusted. A more accurate statement would as follow: The health of the inhabitants of an areas can partly be explained by the available greenery in the nearby area. The health could be positively or negatively influenced depending on the landscape. The biodiversity does not influence this effect.

Discussion

In this part the results are discussed. During research it is important that the results are reliable. This also means that the research could be repeated, and the results would be similar. The aspects that will be looked at are the method and the data collection.

Methods

The main method that were used in this research was a statistical analysis. For this study the analysing program SPSS was used. This is a computer program that uses different statistical methods to arrive at a number or percentage. This program has built in features that determine the validity of an analysis. Since this is a computer program that uses input to arrive at an output the outcome would always be the same if the input is the same. This gives an amount of reliability to the result generated. There could be a distortion of the results if the input and the use of the program contained mistakes. Since the first mentor was present at the time of inserting the numbers and during the computing process the certainty that the process went correct was increased. There could however be an improvement made to the executing. This study focuses on the effect of one particular landscape at a time. This excluded the possibility that an optimal situation could be reached by combining different landscapes and indicator species. The main research goal can still be answered, but the possibility that a combination could have a larger effect still remains. This could be the inspiration for further research.

Data

collection

This research stands and falls with the acquired data since this is the input for the analysing program. There are two factors that could not be taken into account that could influence the results of this study. The first is sample size and the second factor is a limited amount of indicator species. Since areas with a larger amount of greenery are scarce this leaves a small number of inhabitants who can be used as references. An example is the landscape heath, raised moor and shifting sand with nine

indicator species. During the analysis it became apparent that this particular landscape in combination with the amount of indicator species was more than one shown to have under average percentages concerning the different aspects of health. This became apparent when most of the other amounts indicator species showed a significant relation with this particular area. Since the areas with seven, eight and ten indicators have not shown to have this significance there is a large possibility that this is due to lifestyle or other external factors. A smaller sample size would have eliminated this anomaly. This research used an area of 5km by 5km. Since areas with amount of indicator species are quite rare a single area where the inhabitants have health percentages that are below average could distort the results. If a smaller area was used the areas with the less healthy could perhaps be excluded from the analysis. The end result would be that only areas with greenery and nature in the direct vicinity are included. This limitation is derived from the data from SOVON. Birds are generally hard to count, and some birds are quite rare. As a result, the makers of the maps that displays a particular type of bird often do not have a choice but to increase the size of an area. Other than giving mixed results this has not proven to be a problem. Since this research does not only rely on the significance but also on the effect size and the R-squared this distortion was filtered out.

The second factor was the amount of indicator species. During the data collection phase, it was difficult to find a source that was accessible for free. The only source that was able to provide the location of indicator species on a scale of the Netherlands was SOVON. However, SOVON focuses on birds, this leaves out the other indicator species mentioned by the Natura 2000 document. As a result, the area half open/ closed agricultural areas have only one indicator species. This is a problem that could not be overcome. Additional research could be performed with all the indicator species.

Recommendation

In the part one: introduction the relevant parties that could benefit from this research were formulated. These parties are planners, designers and the Teeb calculator. Additional to the parties formulated in the first part the specific health care organizations and further research will also be included in the recommendations. Since the final product is different from the expected product mentioned in the introductions the applicability also needs to be adapted accordingly.

Planners

the findings from this research could be used by planners as additional proof that greenery contributes to the mental health of the inhabitants. It also provides a guide on the effects of which landscape. Additional to this this research has also shown that improving already existing areas has a very limited effect. A larger effect could be created by adding greenery in area that do not have any type of vegetation. This research has shown that the landscape open agricultural has a positive effect on the mental health but has a negative effect on the percentage of obesity in the area. The effect of forest is completely the opposite. A planner could for example create field with the landscape open agriculture in areas where there is no type of vegetation. This will allow for the inhabitant to experience the benefits of this landscape. Additionally, the planner could create small areas of forest in areas where there is no other vegetation since this landscape is associated with a lower obesity rate.

Designers

the findings from this research could be used by designers as an argument to implement greenery in their design. Adding greenery often increase the cost of maintenance. However, if the designer could argue that certain types of greenery have a positive effect on the health of the residents or workers and is therefore justifiable. This could be especially interesting for designing offices. Since the employees in

office buildings often experiences stress, it could be useful to apply open agricultural elements in the building and in the surrounding area.

Teeb calculator

As mentioned in the introduction the Teeb calculator does not take the landscape into account when calculating the financial benefits of implementing greenery in an area. This research has shown that not all greenery have the same benefits. The Teeb calculator could already take this into account. However as will be further elaborated upon in the part about further research a mix of landscapes and the specific type could provide a more accurate calculation.

Health care organization

An unexpected result from this is that the health benefits are greater than the physical benefits. as a result, the findings from this research might be very useful for mental health care facilities. Since the patients in these institutions suffer from a variety of mental disorders implementing greenery could improve the recovery process. Similar to the Teeb calculator additional research could create a broad understanding of the benefits per vegetation and combinations.

Additional research

Since the final product of this research has not presented the definitive data that this research was set out to find it provides multiple opportunities for follow up research. These are: combinations of landscape, type of vegetation, water, additional indicator species and isolated experiments

As mentioned in the discussion this research does not take a mixture of landscapes into account. Additional research could be performed in order to not only establish if a combination of multiple landscapes an indicator species has additional effect on the aspects of health, but also which combination is the most optimal.

Also mentioned in the discussion is that this research does not focus on the individual types of vegetation that could grow in the different landscapes. Additional research could identify which types of vegetation are responsible for the positive effects on the aspect of health. This could result in a more detailed list of vegetation that on itself or in combination with others could provide optimal benefits.

This research has not taken water into consideration. However, while gathering data on the indicator species from natura 2000, it became apparent that the landscape water was also present. This landscape does not have any indicator species that are birds and could therefore not be included in this research. It was also more difficult to research since most houses are not built on or directly near the water. However additional research could be performed which includes the availability of water.

As mentioned in the discussion this research could only access the location of a limited amount of indicator species. As a result, the maps used for grading the areas in the Netherlands is not as detailed as could be with the other indicator species. Additional research could be performed with the other indicator species. This could create a more detailed map. As a result, differences between areas with the same landscape could become apparent.

This research has shown that areas with a greenery in the form of the landscapes open agricultural areas, half open/ closed agricultural areas and the forest have a positive and negative effect on the aspect of health. The next step would be to perform an experiment. First the data concerning the aspects of health needs to be documented. After this an experiment can take place where greenery is implemented. This could indicate that the original results from this research can be contributed to the greenery itself or other external factors.

Conclusion

This research paper was created to contribute to the overall knowledge on the benefits of greenery and nature. The goal of all this research is to establish the importance of nature and especially biodiversity. This is necessary since the amount of biodiversity and nature is rapidly declining. At the start of the 20th century 48% of the land available was covered by forests. For wild grasslands and shrubs this percentage was 27%. A little more than a century later the amount of forest has been reduced by 10% and the amount for wild grasslands and shrubs has been reduced by 13%. The Netherlands is not an exemption to this global crisis. During the period between 1900 and 2000 the amount of biodiversity in the Netherlands was reduced from 40% to 15%. This means that of all the flora and fauna 15% is part of the original nature can be found in these regions. This research paper will contribute to this goal by adding information to the already comprehensive data on the benefits of greenery. This research paper sets itself apart by picking the pieces of the concept nature apart. By viewing each landscape as a separate entity. There is currently an insufficient amount of information regarding the relation between nature and the diverse types of landscapes and the quality of nature. Due to this lack of information, it is impossible to create area programs that fully benefit from the positive effects. As a result, Municipal workers and developers create the limited amount of nature required, regardless of the needs of the surrounding area. This reduces the biodiversity in the Netherlands even further while municipalities and the national government should increase the overall biodiversity of the country. By continuing this practice any positive health benefits for the local inhabitants is withheld.

This has problem has led to the following research goal:

To search for a relation between the landscape and the quality of nature and human health in the Netherlands.

The main hypothesis of this research: document that will be proven or disproven is: Diverse types of nature positively influences the health of the people living in the Netherlands.

The main hypothesis consisted of multiple aspects that were answered individually. The first sub hypothesis was: *The amount of biodiversity has a positive influence on the health of the inhabitants of the Netherlands.* The assumption would be that since biodiversity has an impact on the health of humans this would be visible in the results. However, if the relevant results are observed this phenomenon is not present. From the data it appeared that different amount of indicator species do have a significant and relevant with areas without this landscape or without any indicator species. During the calculations of the effect size, it became apparent that there are differences between areas with different amount of indicator species while belonging to the same landscape. However, there was no relevant effect or consistency. This has led to the conclusion that the amount of biodiversity has no influence on the different aspect of health. The second sub hypothesis was: *There is a difference between landscapes and the amount of positive influence on the health of the inhabitants of the Netherlands.* It can be noted without a doubt that the landscapes open/closed agricultural areas and forest areas are present in the summary of the result while the landscapes heath, raised moor and shifting sand, beaches and swamps are obviously absent. The exception here is dunes. Which has shown to have a relevant reaction to the aspect meeting the standard of physical activity. It can also be noted that there is a clear distinction about the relation of nature and the different aspects of health. The aspect of health that relate to the physical aspect of health are significantly lower. While the aspects overall health and physical conditions were not even significant enough to be mentioned in the summary. the exception again being the aspect of meeting the advised amount of physical activity. The aspect of health that relate to the mental aspect of health are significantly higher. An addition

needs to be made. Not all landscapes have an positive effect on the aspects of health.

The third Sub hypothesis 3: landscapes which predominantly consist of greenspaces have a larger positive influence on the overall health It can be observed that areas with larger amount of literal greenery have a larger influence on health. A more accurate statement could be Areas with visible green vegetation have a larger influence on the health of the inhabitants. The influence could be positive or negative depending on the aspect of health.

With this answer the research has achieved the goal that was set out in the beginning. The different landscapes of nature and the different qualities of nature have been analysed. By first responding to the hypothesis the main hypothesis of this study could be proven or disproven. The hypothesis has been proven to be wrong. The results however are interesting and while not proving the full hypothesis parts of the hypothesis can be considered proven to be right. The different amount of biodiversity can show to not have a significant effect on the different aspects of health. The results form comparing the different landscapes is more complicated. The landscapes with larger amounts of greenery have shown to be landscapes which for a large part have a significant and relevant influence. However, the results show that this is not always a positive effect. The original statement in the form of the hypothesis needs to be readjusted. A more accurate statement would as follow: The health of the inhabitants of an areas can partly be explained by the available greenery in the nearby area. The health could be positively or negatively influenced depending on the landscape. The biodiversity does influence this effect.

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Appendix one: SPSS output

Mixed Model Analysis

[DataSet1] C:\Users\steven\Desktop\Werkdocument spss onderzoek.sav

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: HealthRIVM.

Information Criteria^a

-2 Log Likelihood	65037,778
Akaike's Information Criterion (AIC)	65101,778
Hurvich and Tsai's Criterion (AICC)	65101,940
Bozdogan's Criterion (CAIC)	65373,084
Schwarz's Bayesian Criterion (BIC)	65341,084

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: HealthRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,612
	Conditional	0,753

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	10000,402	61322,199	0,000
SmokingRIVM	1	13006,860	4333,509	0,000
ObesityRIVM	1	13043	11336,579	0,000
Heidehoogveenstuifzand	10	12850,345	2,852	0,002
Openagrarischgebied	3	12579,540	2,737	0,042
strand	3	13020,668	4,064	0,007
Halfopenengeslotenagrarischgebied	2	12779,810	2,169	0,114
Duinen	4	11327,702	1,936	0,101
Bossen	3	12723,228	16,961	<0,001
Moeras	2	12506,476	6,066	0,002

a. Dependent Variable: HealthRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250
	[Openagrarischgebied=3]	0,250
	[Openagrarischgebied=4]	0,250
	[strand=1]	0,250
	[strand=2]	0,250
	[strand=3]	0,250
	[strand=4]	0,250
	[Halfopenengeslotenagrarisch gebied=1]	0,333
	[Halfopenengeslotenagrarisch gebied=2]	0,333
	[Halfopenengeslotenagrarisch gebied=3]	0,333
	[Duinen=1]	0,200
	[Duinen=2]	0,200
	[Duinen=3]	0,200
	[Duinen=4]	0,200
	[Duinen=5]	0,200
	[Bossen=1]	0,250
	[Bossen=2]	0,250

Intercept

L1

[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0

SmokingRIVM

L2

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0

ObesityRIVM

L3

[Openagrarischgebied=4]	0
[strand=1]	0
[strand=2]	0
[strand=3]	0
[strand=4]	0
[Halfopenengeslotenagrarisc hgebied=1]	0
[Halfopenengeslotenagrarisc hgebied=2]	0
[Halfopenengeslotenagrarisc hgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenstuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand =1]	1	0	0	0	0
	[Heidehoogveenstuifzand =2]	0	1	0	0	0
	[Heidehoogveenstuifzand =3]	0	0	1	0	0
	[Heidehoogveenstuifzand =4]	0	0	0	1	0
	[Heidehoogveenstuifzand =5]	0	0	0	0	1
	[Heidehoogveenstuifzand =6]	0	0	0	0	0
	[Heidehoogveenstuifzand =7]	0	0	0	0	0
	[Heidehoogveenstuifzand =8]	0	0	0	0	0
	[Heidehoogveenstuifzand =9]	0	0	0	0	0
	[Heidehoogveenstuifzand =10]	0	0	0	0	0
	[Heidehoogveenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

	L4	L5	L6	L7	L8
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenestuifzand

	L9	L10	L11	L12	L13
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

	L15	L16	L17
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenestuifzand =1]	0	0	0
[Heidehoogveenestuifzand =2]	0	0	0
[Heidehoogveenestuifzand =3]	0	0	0
[Heidehoogveenestuifzand =4]	0	0	0
[Heidehoogveenestuifzand =5]	0	0	0
[Heidehoogveenestuifzand =6]	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0
[Openagrarischgebied=1]	1	0	0
[Openagrarischgebied=2]	0	1	0
[Openagrarischgebied=3]	0	0	1
[Openagrarischgebied=4]	-1	-1	-1

Open agrarisch gebied

	L15	L16	L17
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengesloten agrarisch gebied=1]	0	0	0
[Halfopenengesloten agrarisch gebied=2]	0	0	0
[Halfopenengesloten agrarisch gebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

		L19	L20	L21
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	1	0	0
	[strand=2]	0	1	0
	[strand=3]	0	0	1
	[strand=4]	-1	-1	-1
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

strand

	L19	L20	L21
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischedgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	1	0
[Halfopenengeslotenagrarischedgebied=2]	0	1

Halfopenengeslotenagrarischgebied

	L23	L24
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L26	L27	L28	L29
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L31	L32	L33
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0

Bossen

	L31	L32	L33
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0

Moeras

	L35	L36
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	118,285773	0,312461	7468,897	378,561	0,000
SmokingRIVM	-0,438305	0,006658	13006,860	-65,829	0,000
ObesityRIVM	-0,606787	0,005699	13043	-106,473	0,000
[Heidehoogveenestuifzand=1]	1,702246	1,005930	12828,038	1,692	0,091
[Heidehoogveenestuifzand=2]	-0,349955	0,287727	11993,256	-1,216	0,224
[Heidehoogveenestuifzand=3]	-0,030204	0,306920	12609,633	-0,098	0,922
[Heidehoogveenestuifzand=4]	-0,010584	0,172665	13005,550	-0,061	0,951
[Heidehoogveenestuifzand=5]	0,280029	0,180766	12304,728	1,549	0,121
[Heidehoogveenestuifzand=6]	0,723626	0,176911	12854,583	4,090	<0,001
[Heidehoogveenestuifzand=7]	0,078403	0,206449	12435,007	0,380	0,704
[Heidehoogveenestuifzand=8]	-0,027463	0,245211	12959,993	-0,112	0,911
[Heidehoogveenestuifzand=9]	-0,661248	0,330220	13043	-2,002	0,045
[Heidehoogveenestuifzand=10]	0,480890	0,595822	12988,562	0,807	0,420
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	0,234701	0,086736	12002,751	2,706	0,007

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	117,673260	118,898285
SmokingRIVM	-0,451356	-0,425254
ObesityRIVM	-0,617958	-0,595616
[Heidehoogveenenstuifzand =1]	-0,269527	3,674019
[Heidehoogveenenstuifzand =2]	-0,913947	0,214037
[Heidehoogveenenstuifzand =3]	-0,631813	0,571405
[Heidehoogveenenstuifzand =4]	-0,349032	0,327864
[Heidehoogveenenstuifzand =5]	-0,074300	0,634358
[Heidehoogveenenstuifzand =6]	0,376855	1,070397
[Heidehoogveenenstuifzand =7]	-0,326270	0,483076
[Heidehoogveenenstuifzand =8]	-0,508112	0,453186
[Heidehoogveenenstuifzand =9]	-1,308527	-0,013968
[Heidehoogveenenstuifzand =10]	-0,687008	1,648787
[Heidehoogveenenstuifzand =11]	.	.
[Openagrarischgebied=1]	0,064684	0,404717

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Openagrarischgebiet=2]	0,263827	0,117717	11593,635	2,241	0,025
[Openagrarischgebiet=3]	0,236729	0,181302	12618,752	1,306	0,192
[Openagrarischgebiet=4]	0 ^b	0	.	.	.
[strand=1]	-0,369441	0,385573	13043	-0,958	0,338
[strand=2]	0,924777	0,420433	13043	2,200	0,028
[strand=3]	0,863398	0,323788	12976,312	2,667	0,008
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisc hgebiet=1]	0,113316	0,078108	12647,286	1,451	0,147
[Halfopenengeslotenagrarisc hgebiet=2]	-0,895961	0,645403	12911,863	-1,388	0,165
[Halfopenengeslotenagrarisc hgebiet=3]	0 ^b	0	.	.	.
[Duinen=1]	-0,296348	0,334809	12409,169	-0,885	0,376
[Duinen=2]	-0,667035	0,277389	10797,718	-2,405	0,016
[Duinen=3]	0,208700	0,546858	12372,225	0,382	0,703
[Duinen=4]	-0,916974	1,007641	9433,442	-0,910	0,363
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	-0,532325	0,082583	12765,972	-6,446	<0,001
[Bossen=2]	-0,525763	0,118303	12723,090	-4,444	<0,001
[Bossen=3]	-0,854802	0,172730	12620,819	-4,949	<0,001
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	0,245666	0,230707	12532,691	1,065	0,287
[Moeras=2]	0,265662	0,077987	12486,045	3,406	<0,001
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Openagrarischgebied=2]	0,033081	0,494573
[Openagrarischgebied=3]	-0,118651	0,592110
[Openagrarischgebied=4]	.	.
[strand=1]	-1,125220	0,386337
[strand=2]	0,100668	1,748886
[strand=3]	0,228726	1,498071
[strand=4]	.	.
[Halfopenengeslotenagrarisc hgebied=1]	-0,039787	0,266419
[Halfopenengeslotenagrarisc hgebied=2]	-2,161047	0,369125
[Halfopenengeslotenagrarisc hgebied=3]	.	.
[Duinen=1]	-0,952625	0,359929
[Duinen=2]	-1,210768	-0,123302
[Duinen=3]	-0,863226	1,280627
[Duinen=4]	-2,892168	1,058221
[Duinen=5]	.	.
[Bossen=1]	-0,694199	-0,370451
[Bossen=2]	-0,757655	-0,293871
[Bossen=3]	-1,193379	-0,516225
[Bossen=4]	.	.
[Moeras=1]	-0,206555	0,697886
[Moeras=2]	0,112795	0,418529
[Moeras=3]	.	.

a. Dependent Variable: HealthRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		7,851702	0,098478	79,731	0,000	7,661042
Intercept [subject = MunicipalityRIVM]	Variance	4,495400	0,368905	12,186	<0,001	3,827510

Estimates of Covariance Parameters^a

Parameter	95% ...	
	Upper Bound	
Residual	8,047106	
Intercept [subject = MunicipalityRIVM]	Variance	5,279835

a. Dependent Variable: HealthRIVM.

Estimated Marginal Means

Heidehoogveenestuifzand

Contrast Coefficients

Parameter	Heidehoogveenestuifzand				
	1	2	3	4	5
Fixed Effects					
Intercept	1	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499	50,499
[Heidehoogveenestuifzand =1]	1	0	0	0	0
[Heidehoogveenestuifzand =2]	0	1	0	0	0
[Heidehoogveenestuifzand =3]	0	0	1	0	0
[Heidehoogveenestuifzand =4]	0	0	0	1	0
[Heidehoogveenestuifzand =5]	0	0	0	0	1
[Heidehoogveenestuifzand =6]	0	0	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0	0	0
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	6	7	8	9	10
Fixed Effects Intercept	1	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499	50,499
[Heidehoogveenenstuifzand =1]	0	0	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0	0	0
[Heidehoogveenenstuifzand =6]	1	0	0	0	0
[Heidehoogveenenstuifzand =7]	0	1	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	1	0	0
[Heidehoogveenenstuifzand =9]	0	0	0	1	0
[Heidehoogveenenstuifzand =10]	0	0	0	0	1
[Heidehoogveenenstuifzand =11]	0	0	0	0	0
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter		Heidehoogv.. 0 is ref
Fixed Effects	Intercept	1
	SmokingRIVM	16,461
	ObesityRIVM	50,499
	[Heidehoogveenenstuifzand =1]	0
	[Heidehoogveenenstuifzand =2]	0
	[Heidehoogveenenstuifzand =3]	0
	[Heidehoogveenenstuifzand =4]	0
	[Heidehoogveenenstuifzand =5]	0
	[Heidehoogveenenstuifzand =6]	0
	[Heidehoogveenenstuifzand =7]	0
	[Heidehoogveenenstuifzand =8]	0
	[Heidehoogveenenstuifzand =9]	0
	[Heidehoogveenenstuifzand =10]	0
	[Heidehoogveenenstuifzand =11]	1
	[Openagrarischedgebied=1]	0,250
	[Openagrarischedgebied=2]	0,250
	[Openagrarischedgebied=3]	0,250
	[Openagrarischedgebied=4]	0,250
	[strand=1]	0,250
	[strand=2]	0,250
	[strand=3]	0,250
	[strand=4]	0,250

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	1	2	3	4	5
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	6	7	8	9	10
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogv..
	0 is ref
[Halfopenengeslotenagraris hgebied=1]	0,333
[Halfopenengeslotenagraris hgebied=2]	0,333
[Halfopenengeslotenagraris hgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

Estimates^a

Heidehoogveenstuifzand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	81,766 ^b	1,062	13043	79,685	83,848
2	79,714 ^b	0,467	9087,138	78,798	80,630
3	80,034 ^b	0,491	9560,647	79,071	80,997
4	80,053 ^b	0,412	8347,103	79,246	80,861
5	80,344 ^b	0,411	8181,636	79,539	81,149
6	80,788 ^b	0,402	8048,286	79,999	81,576
7	80,142 ^b	0,420	8401,547	79,319	80,966
8	80,037 ^b	0,437	9025,732	79,180	80,893
9	79,403 ^b	0,485	10353,213	78,451	80,354
10	80,545 ^b	0,696	12560,692	79,181	81,909
0 is ref	80,064 ^b	0,371	7104,724	79,338	80,790

a. Dependent Variable: HealthRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Heidehoogveenstuifzand	(J) Heidehoogveenstuifzand	Mean Difference (I-J)	Std. Error	df
1	2	2,052	1,049	12946,241
	3	1,732	1,053	12922,342
	4	1,713	1,022	12863,461
	5	1,422	1,021	12872,135
	6	0,979	1,012	12843,709
	7	1,624	1,022	12873,563
	8	1,730	1,023	12861,754
	9	2,363*	1,036	12842,193
	10	1,221	1,137	12850,422
	0 is ref	1,702	1,006	12828,038
	2	1	-2,052	1,049	12946,241
3		-0,320	0,407	12570,776
4		-0,339	0,329	12405,656
5		-0,630	0,336	12131,004
6		-1,074*	0,330	12427,262
7		-0,428	0,350	12241,645
8		-0,322	0,365	12697,227
9		0,311	0,396	13043
10		-0,831	0,655	13043
0 is ref		-0,350	0,288	11993,256
3		1	-1,732	1,053	12922,342
	2	0,320	0,407	12570,776
	4	-0,020	0,331	12938,295
	5	-0,310	0,344	12692,630
	6	-0,754*	0,351	12711,839
	7	-0,109	0,364	12594,071
	8	-0,003	0,383	12839,027
	9	0,631	0,446	13031,923
	10	-0,511	0,668	13043
	0 is ref	-0,030	0,307	12609,633
	4	1	-1,713	1,022	12863,461
2		0,339	0,329	12405,656
3		0,020	0,331	12938,295
5		-0,291	0,235	12871,778
6		-0,734*	0,238	12994,495
7		-0,089	0,252	12871,590
8		0,017	0,287	13031,801
9		0,651	0,367	13043
10		-0,491	0,617	13007,768
0 is ref		-0,011	0,173	13005,550

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,050	-0,004	4,108
	3	0,100	-0,332	3,797
	4	0,094	-0,290	3,716
	5	0,163	-0,578	3,423
	6	0,334	-1,005	2,962
	7	0,112	-0,379	3,627
	8	0,091	-0,276	3,735
	9	0,023	0,333	4,394
	10	0,283	-1,008	3,451
	0 is ref	0,091	-0,270	3,674
	2	1	0,050	-4,108	0,004
3		0,432	-1,118	0,479
4		0,303	-0,985	0,306
5		0,061	-1,289	0,029
6		0,001	-1,721	-0,426
7		0,221	-1,115	0,258
8		0,378	-1,039	0,394
9		0,432	-0,465	1,088
10		0,205	-2,115	0,454
0 is ref		0,224	-0,914	0,214
3		1	0,100	-3,797	0,332
	2	0,432	-0,479	1,118
	4	0,953	-0,669	0,629
	5	0,367	-0,984	0,363
	6	0,032	-1,442	-0,065
	7	0,765	-0,822	0,605
	8	0,994	-0,754	0,749
	9	0,157	-0,242	1,504
	10	0,444	-1,820	0,798
	0 is ref	0,922	-0,632	0,571
	4	1	0,094	-3,716	0,290
2		0,303	-0,306	0,985
3		0,953	-0,629	0,669
5		0,215	-0,750	0,169
6		0,002	-1,200	-0,268
7		0,724	-0,583	0,405
8		0,953	-0,546	0,579
9		0,076	-0,069	1,370
10		0,426	-1,702	0,719
0 is ref		0,951	-0,349	0,328

Pairwise Comparisons^a

(I) Heidehoogveenstuifzand	(J) Heidehoogveenstuifzand	Mean Difference (I-J)	Std. Error	df
5	1	-1,422	1,021	12872,135
	2	0,630	0,336	12131,004
	3	0,310	0,344	12692,630
	4	0,291	0,235	12871,778
	6	-0,444	0,234	12864,112
	7	0,202	0,261	12457,844
	8	0,307	0,291	12891,852
	9	0,941 [*]	0,372	13043
	10	-0,201	0,619	13035,598
	0 is ref	0,280	0,181	12304,728
	6	1	-0,979	1,012	12843,709
2		1,074 [*]	0,330	12427,262
3		0,754 [*]	0,351	12711,839
4		0,734 [*]	0,238	12994,495
5		0,444	0,234	12864,112
7		0,645 [*]	0,259	12724,129
8		0,751 [*]	0,282	13042,453
9		1,385 [*]	0,359	13043
10		0,243	0,612	13006,399
0 is ref		0,724 [*]	0,177	12854,583
7		1	-1,624	1,022	12873,563
	2	0,428	0,350	12241,645
	3	0,109	0,364	12594,071
	4	0,089	0,252	12871,590
	5	-0,202	0,261	12457,844
	6	-0,645 [*]	0,259	12724,129
	8	0,106	0,281	13043
	9	0,740 [*]	0,363	13043
	10	-0,402	0,614	12998,134
	0 is ref	0,078	0,206	12435,007
	8	1	-1,730	1,023	12861,754
2		0,322	0,365	12697,227
3		0,003	0,383	12839,027
4		-0,017	0,287	13031,801
5		-0,307	0,291	12891,852
6		-0,751 [*]	0,282	13042,453
7		-0,106	0,281	13043
9		0,634	0,363	12998,552
10		-0,508	0,616	12975,379
0 is ref		-0,027	0,245	12959,993

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
5	1	0,163	-3,423	0,578
	2	0,061	-0,029	1,289
	3	0,367	-0,363	0,984
	4	0,215	-0,169	0,750
	6	0,058	-0,903	0,016
	7	0,441	-0,311	0,714
	8	0,291	-0,264	0,878
	9	0,011	0,213	1,670
	10	0,746	-1,415	1,013
	0 is ref	0,121	-0,074	0,634
	6	1	0,334	-2,962	1,005
2		0,001	0,426	1,721
3		0,032	0,065	1,442
4		0,002	0,268	1,200
5		0,058	-0,016	0,903
7		0,013	0,138	1,152
8		0,008	0,199	1,303
9		<0,001	0,681	2,089
10		0,691	-0,956	1,441
0 is ref		<0,001	0,377	1,070
7		1	0,112	-3,627	0,379
	2	0,221	-0,258	1,115
	3	0,765	-0,605	0,822
	4	0,724	-0,405	0,583
	5	0,441	-0,714	0,311
	6	0,013	-1,152	-0,138
	8	0,707	-0,446	0,657
	9	0,042	0,028	1,452
	10	0,512	-1,605	0,800
	0 is ref	0,704	-0,326	0,483
	8	1	0,091	-3,735	0,276
2		0,378	-0,394	1,039
3		0,994	-0,749	0,754
4		0,953	-0,579	0,546
5		0,291	-0,878	0,264
6		0,008	-1,303	-0,199
7		0,707	-0,657	0,446
9		0,081	-0,077	1,345
10		0,409	-1,715	0,698
0 is ref		0,911	-0,508	0,453

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
9	1	-2,363*	1,036	12842,193
	2	-0,311	0,396	13043
	3	-0,631	0,446	13031,923
	4	-0,651	0,367	13043
	5	-0,941*	0,372	13043
	6	-1,385*	0,359	13043
	7	-0,740*	0,363	13043
	8	-0,634	0,363	12998,552
	10	-1,142	0,619	12894,267
	0 is ref	-0,661*	0,330	13043
10	1	-1,221	1,137	12850,422
	2	0,831	0,655	13043
	3	0,511	0,668	13043
	4	0,491	0,617	13007,768
	5	0,201	0,619	13035,598
	6	-0,243	0,612	13006,399
	7	0,402	0,614	12998,134
	8	0,508	0,616	12975,379
	9	1,142	0,619	12894,267
	0 is ref	0,481	0,596	12988,562
0 is ref	1	-1,702	1,006	12828,038
	2	0,350	0,288	11993,256
	3	0,030	0,307	12609,633
	4	0,011	0,173	13005,550
	5	-0,280	0,181	12304,728
	6	-0,724*	0,177	12854,583
	7	-0,078	0,206	12435,007
	8	0,027	0,245	12959,993
	9	0,661*	0,330	13043
	10	-0,481	0,596	12988,562

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
9	1	0,023	-4,394	-0,333
	2	0,432	-1,088	0,465
	3	0,157	-1,504	0,242
	4	0,076	-1,370	0,069
	5	0,011	-1,670	-0,213
	6	<0,001	-2,089	-0,681
	7	0,042	-1,452	-0,028
	8	0,081	-1,345	0,077
	10	0,065	-2,355	0,071
	0 is ref	0,045	-1,309	-0,014
10	1	0,283	-3,451	1,008
	2	0,205	-0,454	2,115
	3	0,444	-0,798	1,820
	4	0,426	-0,719	1,702
	5	0,746	-1,013	1,415
	6	0,691	-1,441	0,956
	7	0,512	-0,800	1,605
	8	0,409	-0,698	1,715
	9	0,065	-0,071	2,355
	0 is ref	0,420	-0,687	1,649
0 is ref	1	0,091	-3,674	0,270
	2	0,224	-0,214	0,914
	3	0,922	-0,571	0,632
	4	0,951	-0,328	0,349
	5	0,121	-0,634	0,074
	6	<0,001	-1,070	-0,377
	7	0,704	-0,483	0,326
	8	0,911	-0,453	0,508
	9	0,045	0,014	1,309
	10	0,420	-1,649	0,687

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: HealthRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
12884901888	0,000	2,852	0,000

The F tests the effect of Heidehoogveenenstuifzand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: HealthRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:15:54.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischedgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischedgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: HealthRIVM.

Information Criteria^a

-2 Log Likelihood	65037,778
Akaike's Information Criterion (AIC)	65101,778
Hurvich and Tsai's Criterion (AICC)	65101,940
Bozdogan's Criterion (CAIC)	65373,084
Schwarz's Bayesian Criterion (BIC)	65341,084

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: HealthRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,612
	Conditional	0,753

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	10000,402	61322,199	0,000
SmokingRIVM	1	13006,860	4333,509	0,000
ObesityRIVM	1	13043	11336,579	0,000
Heidehoogveenenstuifzand	10	12850,345	2,852	0,002
Openagrarischgebied	3	12579,540	2,737	0,042
strand	3	13020,668	4,064	0,007
Halfopenengeslotenagrarischgebied	2	12779,810	2,169	0,114
Duinen	4	11327,702	1,936	0,101
Bossen	3	12723,228	16,961	<0,001
Moeras	2	12506,476	6,066	0,002

a. Dependent Variable: HealthRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0
	[Heidehoogveenenstuifzand =2]	0
	[Heidehoogveenenstuifzand =3]	0
	[Heidehoogveenenstuifzand =4]	0
	[Heidehoogveenenstuifzand =5]	0
	[Heidehoogveenenstuifzand =6]	0
	[Heidehoogveenenstuifzand =7]	0
	[Heidehoogveenenstuifzand =8]	0
	[Heidehoogveenenstuifzand =9]	0
	[Heidehoogveenenstuifzand =10]	0
	[Heidehoogveenenstuifzand =11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischgebied=1]	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrari shgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrari schgebied=1]	0	0
[Openagrari schgebied=2]	0	0
[Openagrari schgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	118,285773	0,312461	7468,897	378,561	0,000
SmokingRIVM	-0,438305	0,006658	13006,860	-65,829	0,000
ObesityRIVM	-0,606787	0,005699	13043	-106,473	0,000
[Heidehoogveenestuifzand =1]	1,702246	1,005930	12828,038	1,692	0,091
[Heidehoogveenestuifzand =2]	-0,349955	0,287727	11993,256	-1,216	0,224
[Heidehoogveenestuifzand =3]	-0,030204	0,306920	12609,633	-0,098	0,922
[Heidehoogveenestuifzand =4]	-0,010584	0,172665	13005,550	-0,061	0,951
[Heidehoogveenestuifzand =5]	0,280029	0,180766	12304,728	1,549	0,121
[Heidehoogveenestuifzand =6]	0,723626	0,176911	12854,583	4,090	<0,001
[Heidehoogveenestuifzand =7]	0,078403	0,206449	12435,007	0,380	0,704
[Heidehoogveenestuifzand =8]	-0,027463	0,245211	12959,993	-0,112	0,911
[Heidehoogveenestuifzand =9]	-0,661248	0,330220	13043	-2,002	0,045
[Heidehoogveenestuifzand =10]	0,480890	0,595822	12988,562	0,807	0,420
[Heidehoogveenestuifzand =11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	0,234701	0,086736	12002,751	2,706	0,007
[Openagrarischgebied=2]	0,263827	0,117717	11593,635	2,241	0,025
[Openagrarischgebied=3]	0,236729	0,181302	12618,752	1,306	0,192
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	-0,369441	0,385573	13043	-0,958	0,338
[strand=2]	0,924777	0,420433	13043	2,200	0,028
[strand=3]	0,863398	0,323788	12976,312	2,667	0,008
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisch gebied=1]	0,113316	0,078108	12647,286	1,451	0,147
[Halfopenengeslotenagrarisch gebied=2]	-0,895961	0,645403	12911,863	-1,388	0,165
[Halfopenengeslotenagrarisch gebied=3]	0 ^b	0	.	.	.
[Duinen=1]	-0,296348	0,334809	12409,169	-0,885	0,376
[Duinen=2]	-0,667035	0,277389	10797,718	-2,405	0,016
[Duinen=3]	0,208700	0,546858	12372,225	0,382	0,703
[Duinen=4]	-0,916974	1,007641	9433,442	-0,910	0,363
[Duinen=5]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	117,673260	118,898285
SmokingRIVM	-0,451356	-0,425254
ObesityRIVM	-0,617958	-0,595616
[Heidehoogveenestuifzand=1]	-0,269527	3,674019
[Heidehoogveenestuifzand=2]	-0,913947	0,214037
[Heidehoogveenestuifzand=3]	-0,631813	0,571405
[Heidehoogveenestuifzand=4]	-0,349032	0,327864
[Heidehoogveenestuifzand=5]	-0,074300	0,634358
[Heidehoogveenestuifzand=6]	0,376855	1,070397
[Heidehoogveenestuifzand=7]	-0,326270	0,483076
[Heidehoogveenestuifzand=8]	-0,508112	0,453186
[Heidehoogveenestuifzand=9]	-1,308527	-0,013968
[Heidehoogveenestuifzand=10]	-0,687008	1,648787
[Heidehoogveenestuifzand=11]	.	.
[Openagrarisched=1]	0,064684	0,404717
[Openagrarisched=2]	0,033081	0,494573
[Openagrarisched=3]	-0,118651	0,592110
[Openagrarisched=4]	.	.
[strand=1]	-1,125220	0,386337
[strand=2]	0,100668	1,748886
[strand=3]	0,228726	1,498071
[strand=4]	.	.
[Halfopenengeslotenagrarisched=1]	-0,039787	0,266419
[Halfopenengeslotenagrarisched=2]	-2,161047	0,369125
[Halfopenengeslotenagrarisched=3]	.	.
[Duinen=1]	-0,952625	0,359929
[Duinen=2]	-1,210768	-0,123302
[Duinen=3]	-0,863226	1,280627
[Duinen=4]	-2,892168	1,058221
[Duinen=5]	.	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Bossen=1]	-0,532325	0,082583	12765,972	-6,446	<0,001
[Bossen=2]	-0,525763	0,118303	12723,090	-4,444	<0,001
[Bossen=3]	-0,854802	0,172730	12620,819	-4,949	<0,001
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	0,245666	0,230707	12532,691	1,065	0,287
[Moeras=2]	0,265662	0,077987	12486,045	3,406	<0,001
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Bossen=1]	-0,694199	-0,370451
[Bossen=2]	-0,757655	-0,293871
[Bossen=3]	-1,193379	-0,516225
[Bossen=4]	.	.
[Moeras=1]	-0,206555	0,697886
[Moeras=2]	0,112795	0,418529
[Moeras=3]	.	.

a. Dependent Variable: HealthRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		7,851702	0,098478	79,731	0,000	7,661042
Intercept [subject = MunicipalityRIVM]	Variance	4,495400	0,368905	12,186	<0,001	3,827510

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		8,047106
Intercept [subject = MunicipalityRIVM]	Variance	5,279835

a. Dependent Variable: HealthRIVM.

Estimated Marginal Means

Openagrarischgebied

Contrast Coefficients

Parameter	Openagrarischgebied			
	1	2	3	0 is ref
Fixed Effects Intercept	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499
[Heidehoogveenestuifzand=1]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=2]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=3]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=4]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=5]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=6]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=7]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=8]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=9]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=10]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=11]	0,091	0,091	0,091	0,091
[Openagrarischgebied=1]	1	0	0	0
[Openagrarischgebied=2]	0	1	0	0
[Openagrarischgebied=3]	0	0	1	0
[Openagrarischgebied=4]	0	0	0	1
[strand=1]	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	Openagrarischgebied			
	1	2	3	0 is ref
[Bossen=2]	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

Openagrarischgebied	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	80,314 ^b	0,395	7926,998	79,540	81,087
2	80,343 ^b	0,401	8131,091	79,557	81,128
3	80,316 ^b	0,410	8382,498	79,512	81,120
0 is ref	80,079 ^b	0,399	7913,463	79,297	80,861

a. Dependent Variable: HealthRIVM.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Openagrarischgebied	(J) Openagrarischgebied	Mean Difference (I-J)	Std. Error	df
1	2	-0,029	0,102	12751,319
	3	-0,002	0,171	12961,687
	0 is ref	0,235 [*]	0,087	12002,751
2	1	0,029	0,102	12751,319
	3	0,027	0,162	13043
	0 is ref	0,264 [*]	0,118	11593,635
3	1	0,002	0,171	12961,687
	2	-0,027	0,162	13043
	0 is ref	0,237	0,181	12618,752
0 is ref	1	-0,235 [*]	0,087	12002,751
	2	-0,264 [*]	0,118	11593,635
	3	-0,237	0,181	12618,752

Pairwise Comparisons^a

(I) Openagrarisches Gebiet	(J) Openagrarisches Gebiet	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,776	-0,230	0,172
	3	0,991	-0,337	0,333
	0 is ref	0,007	0,065	0,405
2	1	0,776	-0,172	0,230
	3	0,867	-0,291	0,345
	0 is ref	0,025	0,033	0,495
3	1	0,991	-0,333	0,337
	2	0,867	-0,345	0,291
	0 is ref	0,192	-0,119	0,592
0 is ref	1	0,007	-0,405	-0,065
	2	0,025	-0,495	-0,033
	3	0,192	-0,592	0,119

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: HealthRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	12481,946	2,737	0,042

The F tests the effect of Openagrarisches Gebiet. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: HealthRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:15:55.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		37		31

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: HealthRIVM.

Information Criteria^a

-2 Log Likelihood	73150,203
Akaike's Information Criterion (AIC)	73212,203
Hurvich and Tsai's Criterion (AICC)	73212,355
Bozdogan's Criterion (CAIC)	73475,030
Schwarz's Bayesian Criterion (BIC)	73444,030

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: HealthRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,313
	Conditional	0,469

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	8332,091	29654,971	0,000
SmokingRIVM	1	13044	5532,437	0,000
Heidehoogveenestuifzand	10	11903,601	2,266	0,012
Openagrarischngebied	3	10877,831	2,958	0,031
strand	3	12587,841	2,214	0,084
Halfopenengeslotenagrarischngebied	2	11962,844	1,995	0,136
Duinen	4	8891,707	2,056	0,084
Bossen	3	11200,848	1,131	0,335
Moeras	2	10707,288	1,933	0,145

a. Dependent Variable: HealthRIVM.

Type III Estimable Functions

Intercept

L1

Fixed Effects		L1
Intercept		1
SmokingRIVM		0
[Heidehoogveenenstuifzand=1]		0,091
[Heidehoogveenenstuifzand=2]		0,091
[Heidehoogveenenstuifzand=3]		0,091
[Heidehoogveenenstuifzand=4]		0,091
[Heidehoogveenenstuifzand=5]		0,091
[Heidehoogveenenstuifzand=6]		0,091
[Heidehoogveenenstuifzand=7]		0,091
[Heidehoogveenenstuifzand=8]		0,091
[Heidehoogveenenstuifzand=9]		0,091
[Heidehoogveenenstuifzand=10]		0,091
[Heidehoogveenenstuifzand=11]		0,091
[Openagrarischgebied=1]		0,250
[Openagrarischgebied=2]		0,250
[Openagrarischgebied=3]		0,250
[Openagrarischgebied=4]		0,250
[strand=1]		0,250
[strand=2]		0,250
[strand=3]		0,250
[strand=4]		0,250
[Halfopenengeslotenagrarischgebied=1]		0,333
[Halfopenengeslotenagrarischgebied=2]		0,333
[Halfopenengeslotenagrarischgebied=3]		0,333
[Duinen=1]		0,200
[Duinen=2]		0,200
[Duinen=3]		0,200
[Duinen=4]		0,200
[Duinen=5]		0,200
[Bossen=1]		0,250
[Bossen=2]		0,250
[Bossen=3]		0,250

Intercept

L1

[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects	Intercept	0
	SmokingRIVM	1
	[Heidehoogveenenstuifzand =1]	0
	[Heidehoogveenenstuifzand =2]	0
	[Heidehoogveenenstuifzand =3]	0
	[Heidehoogveenenstuifzand =4]	0
	[Heidehoogveenenstuifzand =5]	0
	[Heidehoogveenenstuifzand =6]	0
	[Heidehoogveenenstuifzand =7]	0
	[Heidehoogveenenstuifzand =8]	0
	[Heidehoogveenenstuifzand =9]	0
	[Heidehoogveenenstuifzand =10]	0
	[Heidehoogveenenstuifzand =11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0

SmokingRIVM

L2

[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L3	L4	L5	L6	L7
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0
	[Openagrarischedgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L8	L9	L10	L11	L12
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0

Heidehoogveenstuifzand

	L3	L4	L5	L6	L7
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrari sgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrari sgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrari sgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenstuifzand

	L8	L9	L10	L11	L12
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrari sgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrari sgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrari sgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L14	L15	L16
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0
	[Bossen=3]	0	0	0

Open agrarisch gebied

	L14	L15	L16
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L18	L19	L20
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Open agrarisch gebied=1]	0	0	0
[Open agrarisch gebied=2]	0	0	0
[Open agrarisch gebied=3]	0	0	0
[Open agrarisch gebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengsloten agrarisch gebied=1]	0	0	0
[Halfopenengsloten agrarisch gebied=2]	0	0	0
[Halfopenengsloten agrarisch gebied=3]	0	0	0
[Duinen=1]	0	0	0

strand

	L18	L19	L20
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischedgebied

	L22	L23
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L25	L26	L27	L28
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0

Duinen

	L25	L26	L27	L28
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L30	L31	L32
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0
	[Bossen=3]	0	0	1

Bossen

	L30	L31	L32
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L34	L35
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0
[Halfopenengeslotenagrarischedgebied=3]	0	0
[Duinen=1]	0	0

Moeras

	L34	L35
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	91,130229	0,220963	2748,044	412,424	0,000
SmokingRIVM	-0,646836	0,008696	13044	-74,380	0,000
[Heidehoogveenestuifzand=1]	1,275379	1,380392	12902,904	0,924	0,356
[Heidehoogveenestuifzand=2]	0,728545	0,383516	9156,843	1,900	0,058
[Heidehoogveenestuifzand=3]	-0,047613	0,412519	11068,694	-0,115	0,908
[Heidehoogveenestuifzand=4]	-0,070821	0,233730	12300,286	-0,303	0,762
[Heidehoogveenestuifzand=5]	-0,224575	0,241987	10257,133	-0,928	0,353
[Heidehoogveenestuifzand=6]	0,558291	0,238657	11758,556	2,339	0,019
[Heidehoogveenestuifzand=7]	-0,450746	0,276682	10445,986	-1,629	0,103
[Heidehoogveenestuifzand=8]	-0,650024	0,331408	12113,858	-1,961	0,050
[Heidehoogveenestuifzand=9]	-0,816187	0,449914	12992,215	-1,814	0,070
[Heidehoogveenestuifzand=10]	0,311051	0,814439	13044	0,382	0,703
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	-0,310882	0,115544	9494,933	-2,691	0,007
[Openagrarischgebied=2]	-0,386748	0,156303	8751,893	-2,474	0,013
[Openagrarischgebied=3]	-0,372499	0,243415	10876,479	-1,530	0,126
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	-1,229250	0,524120	12823,749	-2,345	0,019

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	90,696960	91,563499
SmokingRIVM	-0,663882	-0,629790
[Heidehoogveenenstuifzand=1]	-1,430393	3,981150
[Heidehoogveenenstuifzand=2]	-0,023231	1,480321
[Heidehoogveenenstuifzand=3]	-0,856224	0,760998
[Heidehoogveenenstuifzand=4]	-0,528968	0,387326
[Heidehoogveenenstuifzand=5]	-0,698916	0,249766
[Heidehoogveenenstuifzand=6]	0,090483	1,026099
[Heidehoogveenenstuifzand=7]	-0,993096	0,091603
[Heidehoogveenenstuifzand=8]	-1,299637	-0,000411
[Heidehoogveenenstuifzand=9]	-1,698085	0,065712
[Heidehoogveenenstuifzand=10]	-1,285369	1,907471
[Heidehoogveenenstuifzand=11]	.	.
[Openagrarischedgebied=1]	-0,537373	-0,084391
[Openagrarischedgebied=2]	-0,693138	-0,080358
[Openagrarischedgebied=3]	-0,849636	0,104638
[Openagrarischedgebied=4]	.	.
[strand=1]	-2,256604	-0,201896

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[strand=2]	0,470433	0,570842	12795,097	0,824	0,410
[strand=3]	0,008590	0,437859	12222,684	0,020	0,984
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagraris hgebied=1]	-0,200825	0,104930	11057,712	-1,914	0,056
[Halfopenengeslotenagraris hgebied=2]	-0,622622	0,884083	13017,021	-0,704	0,481
[Halfopenengeslotenagraris hgebied=3]	0 ^b	0	.	.	.
[Duinen=1]	-0,368025	0,448716	10373,142	-0,820	0,412
[Duinen=2]	0,658160	0,365981	7299,788	1,798	0,072
[Duinen=3]	1,548690	0,735158	11686,129	2,107	0,035
[Duinen=4]	0,531505	1,322002	6649,125	0,402	0,688
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	-0,203811	0,111097	11312,799	-1,835	0,067
[Bossen=2]	-0,160576	0,159120	11215,635	-1,009	0,313
[Bossen=3]	-0,166769	0,231851	10857,979	-0,719	0,472
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	0,378002	0,309739	10797,025	1,220	0,222
[Moeras=2]	-0,147302	0,104491	10630,118	-1,410	0,159
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[strand=2]	-0,648502	1,589367
[strand=3]	-0,849683	0,866863
[strand=4]	.	.
[Halfopenengeslotenagrarisc hgebied=1]	-0,406506	0,004855
[Halfopenengeslotenagrarisc hgebied=2]	-2,355553	1,110310
[Halfopenengeslotenagrarisc hgebied=3]	.	.
[Duinen=1]	-1,247594	0,511544
[Duinen=2]	-0,059268	1,375589
[Duinen=3]	0,107658	2,989722
[Duinen=4]	-2,060043	3,123053
[Duinen=5]	.	.
[Bossen=1]	-0,421581	0,013958
[Bossen=2]	-0,472479	0,151327
[Bossen=3]	-0,621239	0,287702
[Bossen=4]	.	.
[Moeras=1]	-0,229144	0,985148
[Moeras=2]	-0,352124	0,057520
[Moeras=3]	.	.

a. Dependent Variable: HealthRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual	14,843684	0,186182	79,727	0,000	14,483223
Intercept [subject = MunicipalityRIVM]	Variance 4,338769	0,381260	11,380	<0,001	3,652322

Estimates of Covariance Parameters^a

Parameter	95% ... Upper Bound
Residual	15,213117
Intercept [subject = MunicipalityRIVM]	Variance 5,154231

a. Dependent Variable: HealthRIVM.

Estimated Marginal Means

strand

Contrast Coefficients

Parameter	strand			
	1	2	3	0 is ref
Fixed Effects Intercept	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461
[Heidehoogveenenstuifzand=1]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=2]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=3]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=4]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=5]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=6]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=7]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=8]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=9]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=10]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=11]	0,091	0,091	0,091	0,091
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250
[strand=1]	1	0	0	0
[strand=2]	0	1	0	0
[strand=3]	0	0	1	0
[strand=4]	0	0	0	1
[Halfopenengeslotenagrarischgebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200

Contrast Coefficients

Parameter	strand			
	1	2	3	0 is ref
[Bossen=1]	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

strand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	79,186 ^b	0,723	10849,440	77,768	80,603
2	80,885 ^b	0,674	9571,470	79,564	82,206
3	80,423 ^b	0,597	9680,907	79,254	81,593
0 is ref	80,415 ^b	0,523	7961,660	79,390	81,440

a. Dependent Variable: HealthRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461.

Pairwise Comparisons^a

(I) strand	(J) strand	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for C...
						Lower Bound
1	2	-1,700 [*]	0,735	12960,317	0,021	-3,140
	3	-1,238	0,657	12605,176	0,060	-2,526
	0 is ref	-1,229 [*]	0,524	12823,749	0,019	-2,257
2	1	1,700 [*]	0,735	12960,317	0,021	0,259
	3	0,462	0,663	12507,596	0,486	-0,838
	0 is ref	0,470	0,571	12795,097	0,410	-0,649
3	1	1,238	0,657	12605,176	0,060	-0,050
	2	-0,462	0,663	12507,596	0,486	-1,762
	0 is ref	0,009	0,438	12222,684	0,984	-0,850
0 is ref	1	1,229 [*]	0,524	12823,749	0,019	0,202
	2	-0,470	0,571	12795,097	0,410	-1,589
	3	-0,009	0,438	12222,684	0,984	-0,867

Pairwise Comparisons^a

(I) strand	(J) strand	95% Confidence Interval for C...
		Upper Bound
1	2	-0,259
	3	0,050
	0 is ref	-0,202
2	1	3,140
	3	1,762
	0 is ref	1,589
3	1	2,526
	2	0,838
	0 is ref	0,867
0 is ref	1	2,257
	2	0,649
	3	0,850

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: HealthRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	12618,795	2,214	0,084

The F tests the effect of strand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: HealthRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:15:56.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: HealthRIVM.

Information Criteria^a

-2 Log Likelihood	65037,778
Akaike's Information Criterion (AIC)	65101,778
Hurvich and Tsai's Criterion (AICC)	65101,940
Bozdogan's Criterion (CAIC)	65373,084
Schwarz's Bayesian Criterion (BIC)	65341,084

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: HealthRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,612
	Conditional	0,753

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	10000,402	61322,199	0,000
SmokingRIVM	1	13006,860	4333,509	0,000
ObesityRIVM	1	13043	11336,579	0,000
Heidehoogveenestuifzand	10	12850,345	2,852	0,002
Openagrarischgebied	3	12579,540	2,737	0,042
strand	3	13020,668	4,064	0,007
Halfopenengeslotenagrarischgebied	2	12779,810	2,169	0,114
Duinen	4	11327,702	1,936	0,101
Bossen	3	12723,228	16,961	<0,001
Moeras	2	12506,476	6,066	0,002

a. Dependent Variable: HealthRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischedgebied=1]	0,250
	[Openagrarischedgebied=2]	0,250
	[Openagrarischedgebied=3]	0,250
	[Openagrarischedgebied=4]	0,250
	[strand=1]	0,250
	[strand=2]	0,250
	[strand=3]	0,250
	[strand=4]	0,250
	[Halfopenengeslotenagrarischedgebied=1]	0,333
	[Halfopenengeslotenagrarischedgebied=2]	0,333
	[Halfopenengeslotenagrarischedgebied=3]	0,333
	[Duinen=1]	0,200
	[Duinen=2]	0,200
	[Duinen=3]	0,200
	[Duinen=4]	0,200
	[Duinen=5]	0,200
	[Bossen=1]	0,250
	[Bossen=2]	0,250

Intercept

L1

[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

SmokingRIVM

L2

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0

ObesityRIVM

L3

[Openagrarischgebied=4]	0
[strand=1]	0
[strand=2]	0
[strand=3]	0
[strand=4]	0
[Halfopenengeslotenagrarisc hgebied=1]	0
[Halfopenengeslotenagrarisc hgebied=2]	0
[Halfopenengeslotenagrarisc hgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenstuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand =1]	1	0	0	0	0
	[Heidehoogveenstuifzand =2]	0	1	0	0	0
	[Heidehoogveenstuifzand =3]	0	0	1	0	0
	[Heidehoogveenstuifzand =4]	0	0	0	1	0
	[Heidehoogveenstuifzand =5]	0	0	0	0	1
	[Heidehoogveenstuifzand =6]	0	0	0	0	0
	[Heidehoogveenstuifzand =7]	0	0	0	0	0
	[Heidehoogveenstuifzand =8]	0	0	0	0	0
	[Heidehoogveenstuifzand =9]	0	0	0	0	0
	[Heidehoogveenstuifzand =10]	0	0	0	0	0
	[Heidehoogveenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

	L4	L5	L6	L7	L8
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenestuifzand

	L9	L10	L11	L12	L13
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

	L15	L16	L17
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenestuifzand =1]	0	0	0
[Heidehoogveenestuifzand =2]	0	0	0
[Heidehoogveenestuifzand =3]	0	0	0
[Heidehoogveenestuifzand =4]	0	0	0
[Heidehoogveenestuifzand =5]	0	0	0
[Heidehoogveenestuifzand =6]	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0
[Openagrarischgebied=1]	1	0	0
[Openagrarischgebied=2]	0	1	0
[Openagrarischgebied=3]	0	0	1
[Openagrarischgebied=4]	-1	-1	-1

Openagrarischgebied

	L15	L16	L17
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

		L19	L20	L21
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischedgebied=1]	0	0	0
	[Openagrarischedgebied=2]	0	0	0
	[Openagrarischedgebied=3]	0	0	0
	[Openagrarischedgebied=4]	0	0	0
	[strand=1]	1	0	0
	[strand=2]	0	1	0
	[strand=3]	0	0	1
	[strand=4]	-1	-1	-1
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

strand

	L19	L20	L21
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischedgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	1	0
[Halfopenengeslotenagrarischedgebied=2]	0	1

Halfopenengeslotenagrarischgebied

	L23	L24
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L26	L27	L28	L29
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L31	L32	L33
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0

Bossen

	L31	L32	L33
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0

Moeras

	L35	L36
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	118,285773	0,312461	7468,897	378,561	0,000
SmokingRIVM	-0,438305	0,006658	13006,860	-65,829	0,000
ObesityRIVM	-0,606787	0,005699	13043	-106,473	0,000
[Heidehoogveenestuifzand=1]	1,702246	1,005930	12828,038	1,692	0,091
[Heidehoogveenestuifzand=2]	-0,349955	0,287727	11993,256	-1,216	0,224
[Heidehoogveenestuifzand=3]	-0,030204	0,306920	12609,633	-0,098	0,922
[Heidehoogveenestuifzand=4]	-0,010584	0,172665	13005,550	-0,061	0,951
[Heidehoogveenestuifzand=5]	0,280029	0,180766	12304,728	1,549	0,121
[Heidehoogveenestuifzand=6]	0,723626	0,176911	12854,583	4,090	<0,001
[Heidehoogveenestuifzand=7]	0,078403	0,206449	12435,007	0,380	0,704
[Heidehoogveenestuifzand=8]	-0,027463	0,245211	12959,993	-0,112	0,911
[Heidehoogveenestuifzand=9]	-0,661248	0,330220	13043	-2,002	0,045
[Heidehoogveenestuifzand=10]	0,480890	0,595822	12988,562	0,807	0,420
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	0,234701	0,086736	12002,751	2,706	0,007

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	117,673260	118,898285
SmokingRIVM	-0,451356	-0,425254
ObesityRIVM	-0,617958	-0,595616
[Heidehoogveenenstuifzand =1]	-0,269527	3,674019
[Heidehoogveenenstuifzand =2]	-0,913947	0,214037
[Heidehoogveenenstuifzand =3]	-0,631813	0,571405
[Heidehoogveenenstuifzand =4]	-0,349032	0,327864
[Heidehoogveenenstuifzand =5]	-0,074300	0,634358
[Heidehoogveenenstuifzand =6]	0,376855	1,070397
[Heidehoogveenenstuifzand =7]	-0,326270	0,483076
[Heidehoogveenenstuifzand =8]	-0,508112	0,453186
[Heidehoogveenenstuifzand =9]	-1,308527	-0,013968
[Heidehoogveenenstuifzand =10]	-0,687008	1,648787
[Heidehoogveenenstuifzand =11]	.	.
[Openagrarischedgebied=1]	0,064684	0,404717

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Openagrarischgebiet=2]	0,263827	0,117717	11593,635	2,241	0,025
[Openagrarischgebiet=3]	0,236729	0,181302	12618,752	1,306	0,192
[Openagrarischgebiet=4]	0 ^b	0	.	.	.
[strand=1]	-0,369441	0,385573	13043	-0,958	0,338
[strand=2]	0,924777	0,420433	13043	2,200	0,028
[strand=3]	0,863398	0,323788	12976,312	2,667	0,008
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisc hgebiet=1]	0,113316	0,078108	12647,286	1,451	0,147
[Halfopenengeslotenagrarisc hgebiet=2]	-0,895961	0,645403	12911,863	-1,388	0,165
[Halfopenengeslotenagrarisc hgebiet=3]	0 ^b	0	.	.	.
[Duinen=1]	-0,296348	0,334809	12409,169	-0,885	0,376
[Duinen=2]	-0,667035	0,277389	10797,718	-2,405	0,016
[Duinen=3]	0,208700	0,546858	12372,225	0,382	0,703
[Duinen=4]	-0,916974	1,007641	9433,442	-0,910	0,363
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	-0,532325	0,082583	12765,972	-6,446	<0,001
[Bossen=2]	-0,525763	0,118303	12723,090	-4,444	<0,001
[Bossen=3]	-0,854802	0,172730	12620,819	-4,949	<0,001
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	0,245666	0,230707	12532,691	1,065	0,287
[Moeras=2]	0,265662	0,077987	12486,045	3,406	<0,001
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Openagrarischgebied=2]	0,033081	0,494573
[Openagrarischgebied=3]	-0,118651	0,592110
[Openagrarischgebied=4]	.	.
[strand=1]	-1,125220	0,386337
[strand=2]	0,100668	1,748886
[strand=3]	0,228726	1,498071
[strand=4]	.	.
[Halfopenengeslotenagrarisc hgebied=1]	-0,039787	0,266419
[Halfopenengeslotenagrarisc hgebied=2]	-2,161047	0,369125
[Halfopenengeslotenagrarisc hgebied=3]	.	.
[Duinen=1]	-0,952625	0,359929
[Duinen=2]	-1,210768	-0,123302
[Duinen=3]	-0,863226	1,280627
[Duinen=4]	-2,892168	1,058221
[Duinen=5]	.	.
[Bossen=1]	-0,694199	-0,370451
[Bossen=2]	-0,757655	-0,293871
[Bossen=3]	-1,193379	-0,516225
[Bossen=4]	.	.
[Moeras=1]	-0,206555	0,697886
[Moeras=2]	0,112795	0,418529
[Moeras=3]	.	.

a. Dependent Variable: HealthRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		7,851702	0,098478	79,731	0,000	7,661042
Intercept [subject = MunicipalityRIVM]	Variance	4,495400	0,368905	12,186	<0,001	3,827510

Estimates of Covariance Parameters^a

Parameter	95% ... Upper Bound
Residual	8,047106
Intercept [subject = MunicipalityRIVM] Variance	5,279835

a. Dependent Variable: HealthRIVM.

Estimated Marginal Means

Bossen

Contrast Coefficients

Parameter		Bossen			
		1	2	3	0 is ref
Fixed Effects	Intercept	1	1	1	1
	SmokingRIVM	16,461	16,461	16,461	16,461
	ObesityRIVM	50,499	50,499	50,499	50,499
	[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091
	[Openagrarischgebied=1]	0,250	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250	
[strand=4]	0,250	0,250	0,250	0,250	

Contrast Coefficients

Parameter	Bossen			
	1	2	3	0 is ref
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	1	0	0	0
[Bossen=2]	0	1	0	0
[Bossen=3]	0	0	1	0
[Bossen=4]	0	0	0	1
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

Bossen	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	80,209 ^b	0,399	7994,992	79,426	80,991
2	80,215 ^b	0,394	7896,370	79,443	80,987
3	79,886 ^b	0,407	8312,058	79,089	80,684
0 is ref	80,741 ^b	0,404	8108,557	79,949	81,533

a. Dependent Variable: HealthRIVM.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Bossen	(J) Bossen	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ^c ... Lower Bound
1	2	-0,007	0,107	12721,707	0,951	-0,217
	3	0,322*	0,164	12638,631	0,050	0,001
	0 is ref	-0,532*	0,083	12765,972	<0,001	-0,694
2	1	0,007	0,107	12721,707	0,951	-0,203
	3	0,329	0,170	12840,654	0,053	-0,004
	0 is ref	-0,526*	0,118	12723,090	<0,001	-0,758
3	1	-0,322*	0,164	12638,631	0,050	-0,644
	2	-0,329	0,170	12840,654	0,053	-0,662
	0 is ref	-0,855*	0,173	12620,819	<0,001	-1,193
0 is ref	1	0,532*	0,083	12765,972	<0,001	0,370
	2	0,526*	0,118	12723,090	<0,001	0,294
	3	0,855*	0,173	12620,819	<0,001	0,516

Pairwise Comparisons^a

(I) Bossen	(J) Bossen	95% Confidence Interval for ^c ...
		Upper Bound
1	2	0,203
	3	0,644
	0 is ref	-0,370
2	1	0,217
	3	0,662
	0 is ref	-0,294
3	1	-0,001
	2	0,004
	0 is ref	-0,516
0 is ref	1	0,694
	2	0,758
	3	1,193

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: HealthRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	12726,979	16,961	<0,001

The F tests the effect of Bossen. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: HealthRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:15:58.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: HealthRIVM.

Information Criteria^a

-2 Log Likelihood	65037,778
Akaike's Information Criterion (AIC)	65101,778
Hurvich and Tsai's Criterion (AICC)	65101,940
Bozdogan's Criterion (CAIC)	65373,084
Schwarz's Bayesian Criterion (BIC)	65341,084

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: HealthRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,612
	Conditional	0,753

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	10000,402	61322,199	0,000
SmokingRIVM	1	13006,860	4333,509	0,000
ObesityRIVM	1	13043	11336,579	0,000
Heidehoogveenenstuifzand	10	12850,345	2,852	0,002
Openagrarischgebied	3	12579,540	2,737	0,042
strand	3	13020,668	4,064	0,007
Halfopenengeslotenagrarischgebied	2	12779,810	2,169	0,114
Duinen	4	11327,702	1,936	0,101
Bossen	3	12723,228	16,961	<0,001
Moeras	2	12506,476	6,066	0,002

a. Dependent Variable: HealthRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand =1]	0
	[Heidehoogveenestuifzand =2]	0
	[Heidehoogveenestuifzand =3]	0
	[Heidehoogveenestuifzand =4]	0
	[Heidehoogveenestuifzand =5]	0
	[Heidehoogveenestuifzand =6]	0
	[Heidehoogveenestuifzand =7]	0
	[Heidehoogveenestuifzand =8]	0
	[Heidehoogveenestuifzand =9]	0
	[Heidehoogveenestuifzand =10]	0
	[Heidehoogveenestuifzand =11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0
	[Openagrarischgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarisch gebied=1]	0
	[Halfopenengeslotenagrarisch gebied=2]	0
	[Halfopenengeslotenagrarisch gebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischgebied=1]	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	118,285773	0,312461	7468,897	378,561	0,000
SmokingRIVM	-0,438305	0,006658	13006,860	-65,829	0,000
ObesityRIVM	-0,606787	0,005699	13043	-106,473	0,000
[Heidehoogveenestuifzand =1]	1,702246	1,005930	12828,038	1,692	0,091
[Heidehoogveenestuifzand =2]	-0,349955	0,287727	11993,256	-1,216	0,224
[Heidehoogveenestuifzand =3]	-0,030204	0,306920	12609,633	-0,098	0,922
[Heidehoogveenestuifzand =4]	-0,010584	0,172665	13005,550	-0,061	0,951
[Heidehoogveenestuifzand =5]	0,280029	0,180766	12304,728	1,549	0,121
[Heidehoogveenestuifzand =6]	0,723626	0,176911	12854,583	4,090	<0,001
[Heidehoogveenestuifzand =7]	0,078403	0,206449	12435,007	0,380	0,704
[Heidehoogveenestuifzand =8]	-0,027463	0,245211	12959,993	-0,112	0,911
[Heidehoogveenestuifzand =9]	-0,661248	0,330220	13043	-2,002	0,045
[Heidehoogveenestuifzand =10]	0,480890	0,595822	12988,562	0,807	0,420
[Heidehoogveenestuifzand =11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	0,234701	0,086736	12002,751	2,706	0,007
[Openagrarischgebied=2]	0,263827	0,117717	11593,635	2,241	0,025
[Openagrarischgebied=3]	0,236729	0,181302	12618,752	1,306	0,192
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	-0,369441	0,385573	13043	-0,958	0,338
[strand=2]	0,924777	0,420433	13043	2,200	0,028
[strand=3]	0,863398	0,323788	12976,312	2,667	0,008
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisch gebied=1]	0,113316	0,078108	12647,286	1,451	0,147
[Halfopenengeslotenagrarisch gebied=2]	-0,895961	0,645403	12911,863	-1,388	0,165
[Halfopenengeslotenagrarisch gebied=3]	0 ^b	0	.	.	.
[Duinen=1]	-0,296348	0,334809	12409,169	-0,885	0,376
[Duinen=2]	-0,667035	0,277389	10797,718	-2,405	0,016
[Duinen=3]	0,208700	0,546858	12372,225	0,382	0,703
[Duinen=4]	-0,916974	1,007641	9433,442	-0,910	0,363
[Duinen=5]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	117,673260	118,898285
SmokingRIVM	-0,451356	-0,425254
ObesityRIVM	-0,617958	-0,595616
[Heidehoogveenenstuifzand=1]	-0,269527	3,674019
[Heidehoogveenenstuifzand=2]	-0,913947	0,214037
[Heidehoogveenenstuifzand=3]	-0,631813	0,571405
[Heidehoogveenenstuifzand=4]	-0,349032	0,327864
[Heidehoogveenenstuifzand=5]	-0,074300	0,634358
[Heidehoogveenenstuifzand=6]	0,376855	1,070397
[Heidehoogveenenstuifzand=7]	-0,326270	0,483076
[Heidehoogveenenstuifzand=8]	-0,508112	0,453186
[Heidehoogveenenstuifzand=9]	-1,308527	-0,013968
[Heidehoogveenenstuifzand=10]	-0,687008	1,648787
[Heidehoogveenenstuifzand=11]	.	.
[Openagrarisched=1]	0,064684	0,404717
[Openagrarisched=2]	0,033081	0,494573
[Openagrarisched=3]	-0,118651	0,592110
[Openagrarisched=4]	.	.
[strand=1]	-1,125220	0,386337
[strand=2]	0,100668	1,748886
[strand=3]	0,228726	1,498071
[strand=4]	.	.
[Halfopenengeslotenagrarisched=1]	-0,039787	0,266419
[Halfopenengeslotenagrarisched=2]	-2,161047	0,369125
[Halfopenengeslotenagrarisched=3]	.	.
[Duinen=1]	-0,952625	0,359929
[Duinen=2]	-1,210768	-0,123302
[Duinen=3]	-0,863226	1,280627
[Duinen=4]	-2,892168	1,058221
[Duinen=5]	.	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Bossen=1]	-0,532325	0,082583	12765,972	-6,446	<0,001
[Bossen=2]	-0,525763	0,118303	12723,090	-4,444	<0,001
[Bossen=3]	-0,854802	0,172730	12620,819	-4,949	<0,001
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	0,245666	0,230707	12532,691	1,065	0,287
[Moeras=2]	0,265662	0,077987	12486,045	3,406	<0,001
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Bossen=1]	-0,694199	-0,370451
[Bossen=2]	-0,757655	-0,293871
[Bossen=3]	-1,193379	-0,516225
[Bossen=4]	.	.
[Moeras=1]	-0,206555	0,697886
[Moeras=2]	0,112795	0,418529
[Moeras=3]	.	.

a. Dependent Variable: HealthRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		7,851702	0,098478	79,731	0,000	7,661042
Intercept [subject = MunicipalityRIVM]	Variance	4,495400	0,368905	12,186	<0,001	3,827510

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		8,047106
Intercept [subject = MunicipalityRIVM]	Variance	5,279835

a. Dependent Variable: HealthRIVM.

Estimated Marginal Means

Moeras

Contrast Coefficients

Parameter	Moeras		
	1	2	0 is ref
Fixed Effects Intercept	1	1	1
SmokingRIVM	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499
[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091
[Openagrarischgebied=1]	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250

Contrast Coefficients

Parameter	Moeras		
	1	2	0 is ref
[Bossen=2]	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250
[Moeras=1]	1	0	0
[Moeras=2]	0	1	0
[Moeras=3]	0	0	1

Estimates^a

Moeras	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	80,338 ^b	0,440	8902,807	79,475	81,201
2	80,358 ^b	0,392	7824,138	79,590	81,126
0 is ref	80,092 ^b	0,389	7763,086	79,330	80,854

a. Dependent Variable: HealthRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Moeras	(J) Moeras	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ^c ..
						Lower Bound
1	2	-0,020	0,236	12511,718	0,932	-0,483
	0 is ref	0,246	0,231	12532,691	0,287	-0,207
2	1	0,020	0,236	12511,718	0,932	-0,443
	0 is ref	0,266 [*]	0,078	12486,045	<0,001	0,113
0 is ref	1	-0,246	0,231	12532,691	0,287	-0,698
	2	-0,266 [*]	0,078	12486,045	<0,001	-0,419

Pairwise Comparisons^a

(I) Moeras	(J) Moeras	95% Confidence Interval for ^c ..
		Upper Bound
1	2	0,443
	0 is ref	0,698
2	1	0,483
	0 is ref	0,419
0 is ref	1	0,207
	2	-0,113

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: HealthRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
2	12506,686	6,066	0,002

The F tests the effect of Moeras. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: HealthRIVM.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	ObesityRIVM	1		1
	Heidehoogveenestuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		37		31

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: SmokingRIVM.

Information Criteria^a

-2 Log Likelihood	72120,084
Akaike's Information Criterion (AIC)	72182,084
Hurvich and Tsai's Criterion (AICC)	72182,236
Bozdogan's Criterion (CAIC)	72444,912
Schwarz's Bayesian Criterion (BIC)	72413,912

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
SmokingRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,128
	Conditional	0,327

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9815,031	6,315	0,012
ObesityRIVM	1	12891,167	1234,006	<0,001
Heidehoogveenenstuifzand	10	11934,169	9,615	<0,001
Openagrarischgebied	3	10966,568	13,774	<0,001
strand	3	12607,740	0,679	0,565
Halfopenengeslotenagrarischgebied	2	11986,917	8,104	<0,001
Duinen	4	8970,768	1,628	0,164
Bossen	3	11254,409	10,113	<0,001
Moeras	2	10757,938	31,685	<0,001

a. Dependent Variable: SmokingRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand=1]	0,091
	[Heidehoogveenenstuifzand=2]	0,091
	[Heidehoogveenenstuifzand=3]	0,091
	[Heidehoogveenenstuifzand=4]	0,091
	[Heidehoogveenenstuifzand=5]	0,091
	[Heidehoogveenenstuifzand=6]	0,091
	[Heidehoogveenenstuifzand=7]	0,091
	[Heidehoogveenenstuifzand=8]	0,091
	[Heidehoogveenenstuifzand=9]	0,091
	[Heidehoogveenenstuifzand=10]	0,091
	[Heidehoogveenenstuifzand=11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250
	[Openagrarischgebied=3]	0,250
	[Openagrarischgebied=4]	0,250

Intercept

L1

[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarisch hgebied=1]	0,333
[Halfopenengeslotenagrarisch hgebied=2]	0,333
[Halfopenengeslotenagrarisch hgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

ObesityRIVM

L2

Fixed Effects		
	Intercept	0
	ObesityRIVM	1
	[Heidehoogveenenstuifzand=1]	0
	[Heidehoogveenenstuifzand=2]	0
	[Heidehoogveenenstuifzand=3]	0
	[Heidehoogveenenstuifzand=4]	0
	[Heidehoogveenenstuifzand=5]	0
	[Heidehoogveenenstuifzand=6]	0
	[Heidehoogveenenstuifzand=7]	0
	[Heidehoogveenenstuifzand=8]	0
	[Heidehoogveenenstuifzand=9]	0
	[Heidehoogveenenstuifzand=10]	0
	[Heidehoogveenenstuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0
	[Bossen=3]	0

ObesityRIVM

L2

[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenenstuifzand

		L3	L4	L5	L6	L7
Fixed Effects	Intercept	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	1	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	1	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	1	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	1	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	1
	[Heidehoogveenenstuifzand =6]	0	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	0	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	0	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	0	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	0
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0
	[Openagrarischedgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0

Heidehoogveenenstuifzand

		L8	L9	L10	L11	L12
Fixed Effects	Intercept	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0

Heidehoogveenstuifzand

	L3	L4	L5	L6	L7
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenstuifzand

	L8	L9	L10	L11	L12
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L14	L15	L16
Fixed Effects	Intercept	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0
	[Bossen=3]	0	0	0

Open agrarisch gebied

	L14	L15	L16
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L18	L19	L20
Fixed Effects Intercept	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Open agrarisch gebied=1]	0	0	0
[Open agrarisch gebied=2]	0	0	0
[Open agrarisch gebied=3]	0	0	0
[Open agrarisch gebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengsloten agrarisch gebied=1]	0	0	0
[Halfopenengsloten agrarisch gebied=2]	0	0	0
[Halfopenengsloten agrarisch gebied=3]	0	0	0
[Duinen=1]	0	0	0

strand

	L18	L19	L20
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
Fixed Effects Intercept	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L25	L26	L27	L28
Fixed Effects Intercept	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0

Duinen

	L25	L26	L27	L28
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L30	L31	L32
Fixed Effects	Intercept	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0
	[Bossen=3]	0	0	1

Bossen

	L30	L31	L32
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L34	L35
Fixed Effects Intercept	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0
[Halfopenengeslotenagrarischedgebied=3]	0	0
[Duinen=1]	0	0

Moeras

	L34	L35
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	3,746666	0,394047	9084,436	9,508	<0,001	2,974245
ObesityRIVM	0,250315	0,007126	12891,167	35,128	<0,001	0,236348
[Heidehoogveenestuifzand=1]	-3,671812	1,326573	12903,235	-2,768	0,006	-6,272091
[Heidehoogveenestuifzand=2]	0,476835	0,369048	9235,327	1,292	0,196	-0,246580
[Heidehoogveenestuifzand=3]	-0,597268	0,396667	11116,723	-1,506	0,132	-1,374805
[Heidehoogveenestuifzand=4]	-0,630891	0,224675	12325,384	-2,808	0,005	-1,071288
[Heidehoogveenestuifzand=5]	-1,481312	0,232426	10299,581	-6,373	<0,001	-1,936913
[Heidehoogveenestuifzand=6]	-0,064430	0,229495	11795,718	-0,281	0,779	-0,514279
[Heidehoogveenestuifzand=7]	-0,671564	0,266110	10494,817	-2,524	0,012	-1,193190
[Heidehoogveenestuifzand=8]	-1,039747	0,318643	12135,213	-3,263	0,001	-1,664338
[Heidehoogveenestuifzand=9]	-2,616523	0,431958	12997,899	-6,057	<0,001	-3,463223
[Heidehoogveenestuifzand=10]	-1,723626	0,782834	13044	-2,202	0,028	-3,258095
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.	.
[Openagrarischgebied=1]	-0,648470	0,111216	9619,775	-5,831	<0,001	-0,866478
[Openagrarischgebied=2]	-0,745743	0,150478	8915,936	-4,956	<0,001	-1,040715
[Openagrarischgebied=3]	-0,331242	0,234250	10962,369	-1,414	0,157	-0,790415
[Openagrarischgebied=4]	0 ^b	0	.	.	.	.
[strand=1]	-0,673410	0,504009	12834,469	-1,336	0,182	-1,661343

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
Intercept	4,519087
ObesityRIVM	0,264283
[Heidehoogveenenstuifzand=1]	-1,071532
[Heidehoogveenenstuifzand=2]	1,200250
[Heidehoogveenenstuifzand=3]	0,180270
[Heidehoogveenenstuifzand=4]	-0,190493
[Heidehoogveenenstuifzand=5]	-1,025711
[Heidehoogveenenstuifzand=6]	0,385418
[Heidehoogveenenstuifzand=7]	-0,149938
[Heidehoogveenenstuifzand=8]	-0,415156
[Heidehoogveenenstuifzand=9]	-1,769823
[Heidehoogveenenstuifzand=10]	-0,189158
[Heidehoogveenenstuifzand=11]	.
[Openagrarischedgebied=1]	-0,430462
[Openagrarischedgebied=2]	-0,450772
[Openagrarischedgebied=3]	0,127931
[Openagrarischedgebied=4]	.
[strand=1]	0,314523

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[strand=2]	-0,305753	0,548885	12804,804	-0,557	0,578	-1,381648
[strand=3]	-0,180976	0,421169	12260,851	-0,430	0,667	-1,006535
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengeslotenagrarisch hgebied=1]	-0,361575	0,100933	11099,736	-3,582	<0,001	-0,559421
[Halfopenengeslotenagrarisch hgebied=2]	-1,768883	0,849753	13016,035	-2,082	0,037	-3,434523
[Halfopenengeslotenagrarisch hgebied=3]	0 ^b	0	.	.	.	.
[Duinen=1]	0,302965	0,431526	10440,699	0,702	0,483	-0,542907
[Duinen=2]	0,645068	0,352471	7417,210	1,830	0,067	-0,045876
[Duinen=3]	1,271332	0,707022	11711,856	1,798	0,072	-0,114548
[Duinen=4]	-0,431381	1,271866	6723,936	-0,339	0,734	-2,924642
[Duinen=5]	0 ^b	0	.	.	.	.
[Bossen=1]	0,421305	0,106866	11375,519	3,942	<0,001	0,211828
[Bossen=2]	0,143118	0,153083	11266,807	0,935	0,350	-0,156952
[Bossen=3]	-0,506111	0,223125	10915,582	-2,268	0,023	-0,943476
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	0,559841	0,297830	10857,611	1,880	0,060	-0,023960
[Moeras=2]	-0,753241	0,100401	10668,239	-7,502	<0,001	-0,950047
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
[strand=2]	0,770143
[strand=3]	0,644582
[strand=4]	.
[Halfopenengeslotenagrarisch gebied=1]	-0,163729
[Halfopenengeslotenagrarisch gebied=2]	-0,103243
[Halfopenengeslotenagrarisch gebied=3]	.
[Duinen=1]	1,148838
[Duinen=2]	1,336011
[Duinen=3]	2,657212
[Duinen=4]	2,061880
[Duinen=5]	.
[Bossen=1]	0,630781
[Bossen=2]	0,443188
[Bossen=3]	-0,068747
[Bossen=4]	.
[Moeras=1]	1,143642
[Moeras=2]	-0,556436
[Moeras=3]	.

a. Dependent Variable: SmokingRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ...
					Lower Bound
Residual	13,715710	0,172008	79,739	0,000	13,382689
Intercept [subject = MunicipalityRIVM]	Variance 4,049580	0,353512	11,455	<0,001	3,412743

Estimates of Covariance Parameters^a

Parameter	95% ...
	Upper Bound
Residual	14,057018
Intercept [subject = MunicipalityRIVM]	Variance 4,805256

a. Dependent Variable: SmokingRIVM.

Estimated Marginal Means

Heidehoogveenestuifzand

Contrast Coefficients

Parameter		Heidehoogveenestuifzand				
		1	2	3	4	5
Fixed Effects	Intercept	1	1	1	1	1
	ObesityRIVM	50,499	50,499	50,499	50,499	50,499
	[Heidehoogveenestuifzand =1]	1	0	0	0	0
	[Heidehoogveenestuifzand =2]	0	1	0	0	0
	[Heidehoogveenestuifzand =3]	0	0	1	0	0
	[Heidehoogveenestuifzand =4]	0	0	0	1	0
	[Heidehoogveenestuifzand =5]	0	0	0	0	1
	[Heidehoogveenestuifzand =6]	0	0	0	0	0
	[Heidehoogveenestuifzand =7]	0	0	0	0	0
	[Heidehoogveenestuifzand =8]	0	0	0	0	0
	[Heidehoogveenestuifzand =9]	0	0	0	0	0
	[Heidehoogveenestuifzand =10]	0	0	0	0	0
	[Heidehoogveenestuifzand =11]	0	0	0	0	0
	[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250	0,250	0,250
	[strand=3]	0,250	0,250	0,250	0,250	0,250
	[strand=4]	0,250	0,250	0,250	0,250	0,250
	[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333	0,333
	[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333	0,333
	[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333	0,333
	[Duinen=1]	0,200	0,200	0,200	0,200	0,200
	[Duinen=2]	0,200	0,200	0,200	0,200	0,200
	[Duinen=3]	0,200	0,200	0,200	0,200	0,200
	[Duinen=4]	0,200	0,200	0,200	0,200	0,200
	[Duinen=5]	0,200	0,200	0,200	0,200	0,200

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	6	7	8	9	10
Fixed Effects Intercept	1	1	1	1	1
ObesityRIVM	50,499	50,499	50,499	50,499	50,499
[Heidehoogveenenstuifzand =1]	0	0	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0	0	0
[Heidehoogveenenstuifzand =6]	1	0	0	0	0
[Heidehoogveenenstuifzand =7]	0	1	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	1	0	0
[Heidehoogveenenstuifzand =9]	0	0	0	1	0
[Heidehoogveenenstuifzand =10]	0	0	0	0	1
[Heidehoogveenenstuifzand =11]	0	0	0	0	0
[Openagrarischedgebied=1]	0,250	0,250	0,250	0,250	0,250
[Openagrarischedgebied=2]	0,250	0,250	0,250	0,250	0,250
[Openagrarischedgebied=3]	0,250	0,250	0,250	0,250	0,250
[Openagrarischedgebied=4]	0,250	0,250	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250	0,250
[Halfopenengeslotenagrarischedgebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischedgebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischedgebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200	0,200

Contrast Coefficients

Parameter	Heidehoogv.. 0 is ref
Fixed Effects Intercept	1
ObesityRIVM	50,499
[Heidehoogveenenstuifzand =1]	0
[Heidehoogveenenstuifzand =2]	0
[Heidehoogveenenstuifzand =3]	0
[Heidehoogveenenstuifzand =4]	0
[Heidehoogveenenstuifzand =5]	0
[Heidehoogveenenstuifzand =6]	0
[Heidehoogveenenstuifzand =7]	0
[Heidehoogveenenstuifzand =8]	0
[Heidehoogveenenstuifzand =9]	0
[Heidehoogveenenstuifzand =10]	0
[Heidehoogveenenstuifzand =11]	1
[Openagrarischgebied=1]	0,250
[Openagrarischgebied=2]	0,250
[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarisch gebied=1]	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	1	2	3	4	5
[Bossen=1]	0,250	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	6	7	8	9	10
[Bossen=1]	0,250	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogv..
	0 is ref
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

Estimates^a

Heidehoogveenstuifzand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	11,592 ^b	1,392	13044	8,863	14,321
2	15,740 ^b	0,593	8273,471	14,579	16,902
3	14,666 ^b	0,624	8820,641	13,442	15,890
4	14,633 ^b	0,521	8277,270	13,612	15,653
5	13,782 ^b	0,518	8028,723	12,767	14,798
6	15,199 ^b	0,508	8025,394	14,203	16,195
7	14,592 ^b	0,531	8164,569	13,551	15,633
8	14,224 ^b	0,554	8876,972	13,137	15,311
9	12,647 ^b	0,620	10295,694	11,431	13,863
10	13,540 ^b	0,903	12405,284	11,770	15,310
0 is ref	15,264 ^b	0,465	7276,487	14,351	16,176

a. Dependent Variable: SmokingRIVM.

b. Covariates appearing in the model are evaluated at the following values: ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Heidehoogveenstuifzand	(J) Heidehoogveenstuifzand	Mean Difference (I-J)	Std. Error	df
1	2	-4,149 [*]	1,380	13038,453
	3	-3,075 [*]	1,386	13013,329
	4	-3,041 [*]	1,347	12949,995
	5	-2,190	1,345	12957,652
	6	-3,607 [*]	1,334	12921,943
	7	-3,000 [*]	1,347	12959,078
	8	-2,632	1,349	12945,297
	9	-1,055	1,366	12922,221
	10	-1,948	1,500	12939,304
	0 is ref	-3,672 [*]	1,327	12903,235
2	1	4,149 [*]	1,380	13038,453
	3	1,074 [*]	0,526	10794,079
	4	1,108 [*]	0,424	10218,754
	5	1,958 [*]	0,432	9578,321
	6	0,541	0,425	10309,532
	7	1,148 [*]	0,450	9810,403
	8	1,517 [*]	0,472	11079,349
	9	3,093 [*]	0,516	12737,755
	10	2,200 [*]	0,858	12987,741
	0 is ref	0,477	0,369	9235,327

Pairwise Comparisons^a

(I) Heidehoogveenstuifzand	(J) Heidehoogveenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,003	-6,853	-1,444
	3	0,027	-5,792	-0,357
	4	0,024	-5,681	-0,401
	5	0,103	-4,827	0,446
	6	0,007	-6,223	-0,992
	7	0,026	-5,640	-0,360
	8	0,051	-5,276	0,012
	9	0,440	-3,733	1,623
	10	0,194	-4,888	0,991
	0 is ref	0,006	-6,272	-1,072
	2	1	0,003	1,444	6,853
3		0,041	0,043	2,105
4		0,009	0,276	1,939
5		<0,001	1,112	2,804
6		0,203	-0,293	1,375
7		0,011	0,266	2,031
8		0,001	0,591	2,443
9		<0,001	2,081	4,105
10		0,010	0,518	3,883
0 is ref		0,196	-0,247	1,200

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
3	1	3,075 [*]	1,386	13013,329
	2	-1,074 [*]	0,526	10794,079
	4	0,034	0,430	12154,556
	5	0,884 [*]	0,445	11356,238
	6	-0,533	0,455	11368,661
	7	0,074	0,470	11024,913
	8	0,442	0,497	11764,279
	9	2,019 [*]	0,580	12535,262
	10	1,126	0,875	13006,336
	0 is ref	-0,597	0,397	11116,723
	4	1	3,041 [*]	1,347	12949,995
2		-1,108 [*]	0,424	10218,754
3		-0,034	0,430	12154,556
5		0,850 [*]	0,304	11841,254
6		-0,566	0,309	12281,836
7		0,041	0,327	11793,373
8		0,409	0,374	12473,299
9		1,986 [*]	0,480	12950,889
10		1,093	0,811	13044
0 is ref		-0,631 [*]	0,225	12325,384
5		1	2,190	1,345	12957,652
	2	-1,958 [*]	0,432	9578,321
	3	-0,884 [*]	0,445	11356,238
	4	-0,850 [*]	0,304	11841,254
	6	-1,417 [*]	0,304	11807,018
	7	-0,810 [*]	0,337	10620,020
	8	-0,442	0,378	11909,336
	9	1,135 [*]	0,485	12721,679
	10	0,242	0,813	13044
	0 is ref	-1,481 [*]	0,232	10299,581
	6	1	3,607 [*]	1,334	12921,943
2		-0,541	0,425	10309,532

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
3	1	0,027	0,357	5,792
	2	0,041	-2,105	-0,043
	4	0,938	-0,810	0,877
	5	0,047	0,012	1,756
	6	0,241	-1,424	0,358
	7	0,875	-0,848	0,996
	8	0,373	-0,532	1,417
	9	<0,001	0,882	3,157
	10	0,198	-0,588	2,841
	0 is ref	0,132	-1,375	0,180
	4	1	0,024	0,401	5,681
2		0,009	-1,939	-0,276
3		0,938	-0,877	0,810
5		0,005	0,254	1,447
6		0,067	-1,173	0,040
7		0,901	-0,601	0,682
8		0,274	-0,324	1,142
9		<0,001	1,045	2,926
10		0,178	-0,496	2,682
0 is ref		0,005	-1,071	-0,190
5		1	0,103	-0,446	4,827
	2	<0,001	-2,804	-1,112
	3	0,047	-1,756	-0,012
	4	0,005	-1,447	-0,254
	6	<0,001	-2,012	-0,822
	7	0,016	-1,471	-0,149
	8	0,243	-1,183	0,300
	9	0,019	0,185	2,086
	10	0,766	-1,350	1,835
	0 is ref	<0,001	-1,937	-1,026
	6	1	0,007	0,992	6,223
2		0,203	-1,375	0,293

Pairwise Comparisons^a

(I) Heidehoogveenstuifzand	(J) Heidehoogveenstuifzand	Mean Difference (I-J)	Std. Error	df
	3	0,533	0,455	11368,661
	4	0,566	0,309	12281,836
	5	1,417 [*]	0,304	11807,018
	7	0,607	0,335	11293,023
	8	0,975 [*]	0,367	12549,357
	9	2,552 [*]	0,470	12987,263
	10	1,659 [*]	0,803	13044
	0 is ref	-0,064	0,229	11795,718
	7	1	3,000 [*]	1,347	12959,078
2		-1,148 [*]	0,450	9810,403
3		-0,074	0,470	11024,913
4		-0,041	0,327	11793,373
5		0,810 [*]	0,337	10620,020
6		-0,607	0,335	11293,023
8		0,368	0,367	12743,786
9		1,945 [*]	0,475	12942,536
10		1,052	0,806	13044
0 is ref		-0,672 [*]	0,266	10494,817
8	1	2,632	1,349	12945,297
	2	-1,517 [*]	0,472	11079,349
	3	-0,442	0,497	11764,279
	4	-0,409	0,374	12473,299
	5	0,442	0,378	11909,336
	6	-0,975 [*]	0,367	12549,357
	7	-0,368	0,367	12743,786
	9	1,577 [*]	0,476	13044
	10	0,684	0,809	13044
	0 is ref	-1,040 [*]	0,319	12135,213
9	1	1,055	1,366	12922,221
	2	-3,093 [*]	0,516	12737,755
	3	-2,019 [*]	0,580	12535,262
	4	-1,986 [*]	0,480	12950,889
	5	-1,135 [*]	0,485	12721,679
	6	-2,552 [*]	0,470	12987,263
	7	-1,945 [*]	0,475	12942,536
	8	-1,577 [*]	0,476	13044
	10	-0,893	0,815	13001,540
	0 is ref	-2,617 [*]	0,432	12997,899

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c		
			Lower Bound	Upper Bound	
	3	0,241	-0,358	1,424	
	4	0,067	-0,040	1,173	
	5	<0,001	0,822	2,012	
	7	0,070	-0,049	1,264	
	8	0,008	0,256	1,695	
	9	<0,001	1,631	3,473	
	10	0,039	0,085	3,233	
	0 is ref	0,779	-0,514	0,385	
	7	1	0,026	0,360	5,640
		2	0,011	-2,031	-0,266
3		0,875	-0,996	0,848	
4		0,901	-0,682	0,601	
5		0,016	0,149	1,471	
6		0,070	-1,264	0,049	
8		0,316	-0,352	1,088	
9		<0,001	1,014	2,876	
10		0,192	-0,528	2,632	
0 is ref		0,012	-1,193	-0,150	
8	1	0,051	-0,012	5,276	
	2	0,001	-2,443	-0,591	
	3	0,373	-1,417	0,532	
	4	0,274	-1,142	0,324	
	5	0,243	-0,300	1,183	
	6	0,008	-1,695	-0,256	
	7	0,316	-1,088	0,352	
	9	<0,001	0,643	2,510	
	10	0,398	-0,902	2,270	
	0 is ref	0,001	-1,664	-0,415	
9	1	0,440	-1,623	3,733	
	2	<0,001	-4,105	-2,081	
	3	<0,001	-3,157	-0,882	
	4	<0,001	-2,926	-1,045	
	5	0,019	-2,086	-0,185	
	6	<0,001	-3,473	-1,631	
	7	<0,001	-2,876	-1,014	
	8	<0,001	-2,510	-0,643	
	10	0,273	-2,491	0,705	
	0 is ref	<0,001	-3,463	-1,770	

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
10	1	1,948	1,500	12939,304
	2	-2,200 [*]	0,858	12987,741
	3	-1,126	0,875	13006,336
	4	-1,093	0,811	13044
	5	-0,242	0,813	13044
	6	-1,659 [*]	0,803	13044
	7	-1,052	0,806	13044
	8	-0,684	0,809	13044
	9	0,893	0,815	13001,540
	0 is ref	-1,724 [*]	0,783	13044
0 is ref	1	3,672 [*]	1,327	12903,235
	2	-0,477	0,369	9235,327
	3	0,597	0,397	11116,723
	4	0,631 [*]	0,225	12325,384
	5	1,481 [*]	0,232	10299,581
	6	0,064	0,229	11795,718
	7	0,672 [*]	0,266	10494,817
	8	1,040 [*]	0,319	12135,213
	9	2,617 [*]	0,432	12997,899
	10	1,724 [*]	0,783	13044

Pairwise Comparisons^a

(I) Heidehoogveenstuifzand	(J) Heidehoogveenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
10	1	0,194	-0,991	4,888
	2	0,010	-3,883	-0,518
	3	0,198	-2,841	0,588
	4	0,178	-2,682	0,496
	5	0,766	-1,835	1,350
	6	0,039	-3,233	-0,085
	7	0,192	-2,632	0,528
	8	0,398	-2,270	0,902
	9	0,273	-0,705	2,491
	0 is ref	0,028	-3,258	-0,189
0 is ref	1	0,006	1,072	6,272
	2	0,196	-1,200	0,247
	3	0,132	-0,180	1,375
	4	0,005	0,190	1,071
	5	<0,001	1,026	1,937
	6	0,779	-0,385	0,514
	7	0,012	0,150	1,193
	8	0,001	0,415	1,664
	9	<0,001	1,770	3,463
	10	0,028	0,189	3,258

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: SmokingRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
5,E+18	0,207	9,615	0,000

The F tests the effect of Heidehoogveenstuifzand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: SmokingRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:16:00.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
	Random Effects	Intercept	1	Identity	1
Residual				1
Total		37		31

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
	Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: SmokingRIVM.

Information Criteria^a

-2 Log Likelihood	72120,084
Akaike's Information Criterion (AIC)	72182,084
Hurvich and Tsai's Criterion (AICC)	72182,236
Bozdogan's Criterion (CAIC)	72444,912
Schwarz's Bayesian Criterion (BIC)	72413,912

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
SmokingRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,128
	Conditional	0,327

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9815,031	6,315	0,012
ObesityRIVM	1	12891,167	1234,006	<0,001
Heidehoogveenestuifzand	10	11934,169	9,615	<0,001
Openagrarischedgebied	3	10966,568	13,774	<0,001
strand	3	12607,740	0,679	0,565
Halfopenengeslotenagrarischedgebied	2	11986,917	8,104	<0,001
Duinen	4	8970,768	1,628	0,164
Bossen	3	11254,409	10,113	<0,001
Moeras	2	10757,938	31,685	<0,001

a. Dependent Variable: SmokingRIVM.

Type III Estimable Functions

Intercept

L1

Fixed Effects	Intercept	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand=1]	0,091
	[Heidehoogveenenstuifzand=2]	0,091
	[Heidehoogveenenstuifzand=3]	0,091
	[Heidehoogveenenstuifzand=4]	0,091
	[Heidehoogveenenstuifzand=5]	0,091
	[Heidehoogveenenstuifzand=6]	0,091
	[Heidehoogveenenstuifzand=7]	0,091
	[Heidehoogveenenstuifzand=8]	0,091
	[Heidehoogveenenstuifzand=9]	0,091
	[Heidehoogveenenstuifzand=10]	0,091
	[Heidehoogveenenstuifzand=11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250
	[Openagrarischgebied=3]	0,250
	[Openagrarischgebied=4]	0,250
	[strand=1]	0,250
	[strand=2]	0,250
	[strand=3]	0,250
	[strand=4]	0,250
	[Halfopenengeslotenagrarischgebied=1]	0,333
	[Halfopenengeslotenagrarischgebied=2]	0,333
	[Halfopenengeslotenagrarischgebied=3]	0,333
	[Duinen=1]	0,200
	[Duinen=2]	0,200
	[Duinen=3]	0,200
	[Duinen=4]	0,200
	[Duinen=5]	0,200
	[Bossen=1]	0,250
	[Bossen=2]	0,250
	[Bossen=3]	0,250

Intercept

L1

[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

ObesityRIVM

L2

Fixed Effects	Intercept	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0

ObesityRIVM

L2

[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L3	L4	L5	L6	L7
Fixed Effects	Intercept	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0
	[Openagrarischedgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L8	L9	L10	L11	L12
Fixed Effects	Intercept	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L3	L4	L5	L6	L7
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L8	L9	L10	L11	L12
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L14	L15	L16
Fixed Effects	Intercept	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0
	[Bossen=3]	0	0	0

Open agrarisch gebied

	L14	L15	L16
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L18	L19	L20
Fixed Effects Intercept	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0
[Open agrarisch gebied=1]	0	0	0
[Open agrarisch gebied=2]	0	0	0
[Open agrarisch gebied=3]	0	0	0
[Open agrarisch gebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengsloten agrarisch gebied=1]	0	0	0
[Halfopenengsloten agrarisch gebied=2]	0	0	0
[Halfopenengsloten agrarisch gebied=3]	0	0	0
[Duinen=1]	0	0	0

strand

	L18	L19	L20
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischedgebied

	L22	L23
Fixed Effects Intercept	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L25	L26	L27	L28
Fixed Effects Intercept	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0

Duinen

	L25	L26	L27	L28
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L30	L31	L32
Fixed Effects	Intercept	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0
	[Bossen=3]	0	0	1

Bossen

	L30	L31	L32
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L34	L35
Fixed Effects Intercept	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0
[Halfopenengeslotenagrarischedgebied=3]	0	0
[Duinen=1]	0	0

Moeras

	L34	L35
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	3,746666	0,394047	9084,436	9,508	<0,001	2,974245
ObesityRIVM	0,250315	0,007126	12891,167	35,128	<0,001	0,236348
[Heidehoogveenestuifzand =1]	-3,671812	1,326573	12903,235	-2,768	0,006	-6,272091
[Heidehoogveenestuifzand =2]	0,476835	0,369048	9235,327	1,292	0,196	-0,246580
[Heidehoogveenestuifzand =3]	-0,597268	0,396667	11116,723	-1,506	0,132	-1,374805
[Heidehoogveenestuifzand =4]	-0,630891	0,224675	12325,384	-2,808	0,005	-1,071288
[Heidehoogveenestuifzand =5]	-1,481312	0,232426	10299,581	-6,373	<0,001	-1,936913
[Heidehoogveenestuifzand =6]	-0,064430	0,229495	11795,718	-0,281	0,779	-0,514279
[Heidehoogveenestuifzand =7]	-0,671564	0,266110	10494,817	-2,524	0,012	-1,193190
[Heidehoogveenestuifzand =8]	-1,039747	0,318643	12135,213	-3,263	0,001	-1,664338
[Heidehoogveenestuifzand =9]	-2,616523	0,431958	12997,899	-6,057	<0,001	-3,463223
[Heidehoogveenestuifzand =10]	-1,723626	0,782834	13044	-2,202	0,028	-3,258095
[Heidehoogveenestuifzand =11]	0 ^b	0	.	.	.	.
[Openagrarischgebied=1]	-0,648470	0,111216	9619,775	-5,831	<0,001	-0,866478
[Openagrarischgebied=2]	-0,745743	0,150478	8915,936	-4,956	<0,001	-1,040715
[Openagrarischgebied=3]	-0,331242	0,234250	10962,369	-1,414	0,157	-0,790415
[Openagrarischgebied=4]	0 ^b	0	.	.	.	.
[strand=1]	-0,673410	0,504009	12834,469	-1,336	0,182	-1,661343

Estimates of Fixed Effects^a

Parameter	95% ... Upper Bound
Intercept	4,519087
ObesityRIVM	0,264283
[Heidehoogveenenstuifzand=1]	-1,071532
[Heidehoogveenenstuifzand=2]	1,200250
[Heidehoogveenenstuifzand=3]	0,180270
[Heidehoogveenenstuifzand=4]	-0,190493
[Heidehoogveenenstuifzand=5]	-1,025711
[Heidehoogveenenstuifzand=6]	0,385418
[Heidehoogveenenstuifzand=7]	-0,149938
[Heidehoogveenenstuifzand=8]	-0,415156
[Heidehoogveenenstuifzand=9]	-1,769823
[Heidehoogveenenstuifzand=10]	-0,189158
[Heidehoogveenenstuifzand=11]	.
[Openagrarischedgebied=1]	-0,430462
[Openagrarischedgebied=2]	-0,450772
[Openagrarischedgebied=3]	0,127931
[Openagrarischedgebied=4]	.
[strand=1]	0,314523

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[strand=2]	-0,305753	0,548885	12804,804	-0,557	0,578	-1,381648
[strand=3]	-0,180976	0,421169	12260,851	-0,430	0,667	-1,006535
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengeslotenagrarisch hgebied=1]	-0,361575	0,100933	11099,736	-3,582	<0,001	-0,559421
[Halfopenengeslotenagrarisch hgebied=2]	-1,768883	0,849753	13016,035	-2,082	0,037	-3,434523
[Halfopenengeslotenagrarisch hgebied=3]	0 ^b	0	.	.	.	.
[Duinen=1]	0,302965	0,431526	10440,699	0,702	0,483	-0,542907
[Duinen=2]	0,645068	0,352471	7417,210	1,830	0,067	-0,045876
[Duinen=3]	1,271332	0,707022	11711,856	1,798	0,072	-0,114548
[Duinen=4]	-0,431381	1,271866	6723,936	-0,339	0,734	-2,924642
[Duinen=5]	0 ^b	0	.	.	.	.
[Bossen=1]	0,421305	0,106866	11375,519	3,942	<0,001	0,211828
[Bossen=2]	0,143118	0,153083	11266,807	0,935	0,350	-0,156952
[Bossen=3]	-0,506111	0,223125	10915,582	-2,268	0,023	-0,943476
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	0,559841	0,297830	10857,611	1,880	0,060	-0,023960
[Moeras=2]	-0,753241	0,100401	10668,239	-7,502	<0,001	-0,950047
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
[strand=2]	0,770143
[strand=3]	0,644582
[strand=4]	.
[Halfopenengeslotenagrarisch hgebied=1]	-0,163729
[Halfopenengeslotenagrarisch hgebied=2]	-0,103243
[Halfopenengeslotenagrarisch hgebied=3]	.
[Duinen=1]	1,148838
[Duinen=2]	1,336011
[Duinen=3]	2,657212
[Duinen=4]	2,061880
[Duinen=5]	.
[Bossen=1]	0,630781
[Bossen=2]	0,443188
[Bossen=3]	-0,068747
[Bossen=4]	.
[Moeras=1]	1,143642
[Moeras=2]	-0,556436
[Moeras=3]	.

a. Dependent Variable: SmokingRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ...
					Lower Bound
Residual	13,715710	0,172008	79,739	0,000	13,382689
Intercept [subject = MunicipalityRIVM]	Variance 4,049580	0,353512	11,455	<0,001	3,412743

Estimates of Covariance Parameters^a

Parameter	95% ...
	Upper Bound
Residual	14,057018
Intercept [subject = MunicipalityRIVM]	Variance 4,805256

a. Dependent Variable: SmokingRIVM.

Estimated Marginal Means

Openagrarischgebied

Contrast Coefficients

Parameter	Openagrarischgebied			
	1	2	3	0 is ref
Fixed Effects Intercept	1	1	1	1
ObesityRIVM	50,499	50,499	50,499	50,499
[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091
[Openagrarischgebied=1]	1	0	0	0
[Openagrarischgebied=2]	0	1	0	0
[Openagrarischgebied=3]	0	0	1	0
[Openagrarischgebied=4]	0	0	0	1
[strand=1]	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250
[Halfopenengeslotenagrarisc hgebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisc hgebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisc hgebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200

Contrast Coefficients

Parameter	Openagrarischgebied			
	1	2	3	0 is ref
[Bossen=1]	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

Openagrarischgebied	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	13,954 ^b	0,498	8034,002	12,978	14,929
2	13,856 ^b	0,506	8200,901	12,865	14,848
3	14,271 ^b	0,519	8372,274	13,254	15,288
0 is ref	14,602 ^b	0,503	7929,210	13,616	15,588

a. Dependent Variable: SmokingRIVM.

b. Covariates appearing in the model are evaluated at the following values: ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Openagrarischgebied	(J) Openagrarischgebied	Mean Difference (I-J)	Std. Error	df
1	2	0,097	0,133	11422,535
	3	-0,317	0,222	12026,087
	0 is ref	-0,648 [*]	0,111	9619,775
2	1	-0,097	0,133	11422,535
	3	-0,415	0,212	12823,086
	0 is ref	-0,746 [*]	0,150	8915,936
3	1	0,317	0,222	12026,087
	2	0,415	0,212	12823,086
	0 is ref	-0,331	0,234	10962,369
0 is ref	1	0,648 [*]	0,111	9619,775
	2	0,746 [*]	0,150	8915,936
	3	0,331	0,234	10962,369

Pairwise Comparisons^a

(I) Openagrarisches Gebiet	(J) Openagrarisches Gebiet	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,463	-0,163	0,357
	3	0,154	-0,753	0,119
	0 is ref	<0,001	-0,866	-0,430
2	1	0,463	-0,357	0,163
	3	0,051	-0,830	0,001
	0 is ref	<0,001	-1,041	-0,451
3	1	0,154	-0,119	0,753
	2	0,051	-0,001	0,830
	0 is ref	0,157	-0,790	0,128
0 is ref	1	<0,001	0,430	0,866
	2	<0,001	0,451	1,041
	3	0,157	-0,128	0,790

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: SmokingRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	10776,021	13,774	<0,001

The F tests the effect of Openagrarisches Gebiet. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: SmokingRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:16:02.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		37		31

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: SmokingRIVM.

Information Criteria^a

-2 Log Likelihood	72120,084
Akaike's Information Criterion (AIC)	72182,084
Hurvich and Tsai's Criterion (AICC)	72182,236
Bozdogan's Criterion (CAIC)	72444,912
Schwarz's Bayesian Criterion (BIC)	72413,912

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
SmokingRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,128
	Conditional	0,327

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9815,031	6,315	0,012
ObesityRIVM	1	12891,167	1234,006	<0,001
Heidehoogveenstuifzand	10	11934,169	9,615	<0,001
Openagrarischesgebied	3	10966,568	13,774	<0,001
strand	3	12607,740	0,679	0,565
Halfopenengeslotenagrarischesgebied	2	11986,917	8,104	<0,001
Duinen	4	8970,768	1,628	0,164
Bossen	3	11254,409	10,113	<0,001
Moeras	2	10757,938	31,685	<0,001

a. Dependent Variable: SmokingRIVM.

Type III Estimable Functions

Intercept

L1

Fixed Effects	Intercept	L1
	Intercept	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand=1]	0,091
	[Heidehoogveenenstuifzand=2]	0,091
	[Heidehoogveenenstuifzand=3]	0,091
	[Heidehoogveenenstuifzand=4]	0,091
	[Heidehoogveenenstuifzand=5]	0,091
	[Heidehoogveenenstuifzand=6]	0,091
	[Heidehoogveenenstuifzand=7]	0,091
	[Heidehoogveenenstuifzand=8]	0,091
	[Heidehoogveenenstuifzand=9]	0,091
	[Heidehoogveenenstuifzand=10]	0,091
	[Heidehoogveenenstuifzand=11]	0,091
	[Openagrarisched gebied=1]	0,250
	[Openagrarisched gebied=2]	0,250
	[Openagrarisched gebied=3]	0,250
	[Openagrarisched gebied=4]	0,250
	[strand=1]	0,250
	[strand=2]	0,250
	[strand=3]	0,250
	[strand=4]	0,250
	[Halfopenengesloten agrarisch gebied=1]	0,333
	[Halfopenengesloten agrarisch gebied=2]	0,333
	[Halfopenengesloten agrarisch gebied=3]	0,333
	[Duinen=1]	0,200
	[Duinen=2]	0,200
	[Duinen=3]	0,200
	[Duinen=4]	0,200
	[Duinen=5]	0,200
	[Bossen=1]	0,250
	[Bossen=2]	0,250
	[Bossen=3]	0,250

Intercept

L1

[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

ObesityRIVM

L2

Fixed Effects	Intercept	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0

ObesityRIVM

L2

[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L3	L4	L5	L6	L7
Fixed Effects	Intercept	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0
	[Openagrarischedgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L8	L9	L10	L11	L12
Fixed Effects	Intercept	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0

Heidehoogveenstuifzand

	L3	L4	L5	L6	L7
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrari s hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrari s hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrari s hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenstuifzand

	L8	L9	L10	L11	L12
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrari s hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrari s hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrari s hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L14	L15	L16
Fixed Effects	Intercept	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0
	[Bossen=3]	0	0	0

Open agrarisch gebied

	L14	L15	L16
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L18	L19	L20
Fixed Effects Intercept	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0
[Open agrarisch gebied=1]	0	0	0
[Open agrarisch gebied=2]	0	0	0
[Open agrarisch gebied=3]	0	0	0
[Open agrarisch gebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengsloten agrarisch gebied=1]	0	0	0
[Halfopenengsloten agrarisch gebied=2]	0	0	0
[Halfopenengsloten agrarisch gebied=3]	0	0	0
[Duinen=1]	0	0	0

strand

	L18	L19	L20
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
Fixed Effects Intercept	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L25	L26	L27	L28
Fixed Effects Intercept	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0

Duinen

	L25	L26	L27	L28
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L30	L31	L32
Fixed Effects	Intercept	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0
	[Bossen=3]	0	0	1

Bossen

	L30	L31	L32
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L34	L35
Fixed Effects Intercept	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0
[Halfopenengeslotenagrarischedgebied=3]	0	0
[Duinen=1]	0	0

Moeras

	L34	L35
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	3,746666	0,394047	9084,436	9,508	<0,001	2,974245
ObesityRIVM	0,250315	0,007126	12891,167	35,128	<0,001	0,236348
[Heidehoogveenestuifzand=1]	-3,671812	1,326573	12903,235	-2,768	0,006	-6,272091
[Heidehoogveenestuifzand=2]	0,476835	0,369048	9235,327	1,292	0,196	-0,246580
[Heidehoogveenestuifzand=3]	-0,597268	0,396667	11116,723	-1,506	0,132	-1,374805
[Heidehoogveenestuifzand=4]	-0,630891	0,224675	12325,384	-2,808	0,005	-1,071288
[Heidehoogveenestuifzand=5]	-1,481312	0,232426	10299,581	-6,373	<0,001	-1,936913
[Heidehoogveenestuifzand=6]	-0,064430	0,229495	11795,718	-0,281	0,779	-0,514279
[Heidehoogveenestuifzand=7]	-0,671564	0,266110	10494,817	-2,524	0,012	-1,193190
[Heidehoogveenestuifzand=8]	-1,039747	0,318643	12135,213	-3,263	0,001	-1,664338
[Heidehoogveenestuifzand=9]	-2,616523	0,431958	12997,899	-6,057	<0,001	-3,463223
[Heidehoogveenestuifzand=10]	-1,723626	0,782834	13044	-2,202	0,028	-3,258095
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.	.
[Openagrarischgebied=1]	-0,648470	0,111216	9619,775	-5,831	<0,001	-0,866478
[Openagrarischgebied=2]	-0,745743	0,150478	8915,936	-4,956	<0,001	-1,040715
[Openagrarischgebied=3]	-0,331242	0,234250	10962,369	-1,414	0,157	-0,790415
[Openagrarischgebied=4]	0 ^b	0	.	.	.	.
[strand=1]	-0,673410	0,504009	12834,469	-1,336	0,182	-1,661343

Estimates of Fixed Effects^a

Parameter	95% ... Upper Bound
Intercept	4,519087
ObesityRIVM	0,264283
[Heidehoogveenenstuifzand=1]	-1,071532
[Heidehoogveenenstuifzand=2]	1,200250
[Heidehoogveenenstuifzand=3]	0,180270
[Heidehoogveenenstuifzand=4]	-0,190493
[Heidehoogveenenstuifzand=5]	-1,025711
[Heidehoogveenenstuifzand=6]	0,385418
[Heidehoogveenenstuifzand=7]	-0,149938
[Heidehoogveenenstuifzand=8]	-0,415156
[Heidehoogveenenstuifzand=9]	-1,769823
[Heidehoogveenenstuifzand=10]	-0,189158
[Heidehoogveenenstuifzand=11]	.
[Openagrarischedgebied=1]	-0,430462
[Openagrarischedgebied=2]	-0,450772
[Openagrarischedgebied=3]	0,127931
[Openagrarischedgebied=4]	.
[strand=1]	0,314523

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[strand=2]	-0,305753	0,548885	12804,804	-0,557	0,578	-1,381648
[strand=3]	-0,180976	0,421169	12260,851	-0,430	0,667	-1,006535
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengeslotenagrarisch hgebied=1]	-0,361575	0,100933	11099,736	-3,582	<0,001	-0,559421
[Halfopenengeslotenagrarisch hgebied=2]	-1,768883	0,849753	13016,035	-2,082	0,037	-3,434523
[Halfopenengeslotenagrarisch hgebied=3]	0 ^b	0	.	.	.	.
[Duinen=1]	0,302965	0,431526	10440,699	0,702	0,483	-0,542907
[Duinen=2]	0,645068	0,352471	7417,210	1,830	0,067	-0,045876
[Duinen=3]	1,271332	0,707022	11711,856	1,798	0,072	-0,114548
[Duinen=4]	-0,431381	1,271866	6723,936	-0,339	0,734	-2,924642
[Duinen=5]	0 ^b	0	.	.	.	.
[Bossen=1]	0,421305	0,106866	11375,519	3,942	<0,001	0,211828
[Bossen=2]	0,143118	0,153083	11266,807	0,935	0,350	-0,156952
[Bossen=3]	-0,506111	0,223125	10915,582	-2,268	0,023	-0,943476
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	0,559841	0,297830	10857,611	1,880	0,060	-0,023960
[Moeras=2]	-0,753241	0,100401	10668,239	-7,502	<0,001	-0,950047
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
[strand=2]	0,770143
[strand=3]	0,644582
[strand=4]	.
[Halfopenengeslotenagrarisch gebied=1]	-0,163729
[Halfopenengeslotenagrarisch gebied=2]	-0,103243
[Halfopenengeslotenagrarisch gebied=3]	.
[Duinen=1]	1,148838
[Duinen=2]	1,336011
[Duinen=3]	2,657212
[Duinen=4]	2,061880
[Duinen=5]	.
[Bossen=1]	0,630781
[Bossen=2]	0,443188
[Bossen=3]	-0,068747
[Bossen=4]	.
[Moeras=1]	1,143642
[Moeras=2]	-0,556436
[Moeras=3]	.

a. Dependent Variable: SmokingRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ...
					Lower Bound
Residual	13,715710	0,172008	79,739	0,000	13,382689
Intercept [subject = MunicipalityRIVM]	Variance 4,049580	0,353512	11,455	<0,001	3,412743

Estimates of Covariance Parameters^a

Parameter	95% ...
	Upper Bound
Residual	14,057018
Intercept [subject = MunicipalityRIVM]	Variance 4,805256

a. Dependent Variable: SmokingRIVM.

Estimated Marginal Means

Halfopenengeslotenagrarischgebied

Contrast Coefficients

Parameter		Halfopenengeslotenagrarischgebied		
		1	2	0 is ref
Fixed Effects	Intercept	1	1	1
	ObesityRIVM	50,499	50,499	50,499
	[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091
	[Openagrarischgebied=1]	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250
	[strand=3]	0,250	0,250	0,250
	[strand=4]	0,250	0,250	0,250
	[Halfopenengeslotenagrarisc hgebied=1]	1	0	0
	[Halfopenengeslotenagrarisc hgebied=2]	0	1	0
	[Halfopenengeslotenagrarisc hgebied=3]	0	0	1
	[Duinen=1]	0,200	0,200	0,200
	[Duinen=2]	0,200	0,200	0,200
	[Duinen=3]	0,200	0,200	0,200
	[Duinen=4]	0,200	0,200	0,200
	[Duinen=5]	0,200	0,200	0,200

Contrast Coefficients

Parameter	Halfopenengeslotenagrarischgebied		
	1	2	0 is ref
[Bossen=1]	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333

Estimates^a

Halfopenengeslotenagrarischgebied	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	14,519 ^b	0,404	5259,695	13,727	15,312
2	13,112 ^b	0,942	12678,420	11,265	14,960
0 is ref	14,881 ^b	0,405	5283,899	14,087	15,675

a. Dependent Variable: SmokingRIVM.

b. Covariates appearing in the model are evaluated at the following values: ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Halfopenengeslotenagrarischgebied	(J) Halfopenengeslotenagrarischgebied	Mean Difference (I-J)	Std. Error	df
1	2	1,407	0,849	13017,822
	0 is ref	-0,362 [*]	0,101	11099,736
2	1	-1,407	0,849	13017,822
	0 is ref	-1,769 [*]	0,850	13016,035
0 is ref	1	0,362 [*]	0,101	11099,736
	2	1,769 [*]	0,850	13016,035

Pairwise Comparisons^a

(I) Halfopenengeslotenagrarischgebied	(J) Halfopenengeslotenagrarischgebied	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,097	-0,256	3,071
	0 is ref	<0,001	-0,559	-0,164
2	1	0,097	-3,071	0,256
	0 is ref	0,037	-3,435	-0,103
0 is ref	1	<0,001	0,164	0,559
	2	0,037	0,103	3,435

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: SmokingRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
2	11992,515	8,104	<0,001

The F tests the effect of Halfopenengeslotenagrarischngebieb. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: SmokingRIVM.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischngebieb	4		3
	strand	4		3
	Halfopenengeslotenagrarischngebieb	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		37		31

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: SmokingRIVM.

Information Criteria^a

-2 Log Likelihood	72120,084
Akaike's Information Criterion (AIC)	72182,084
Hurvich and Tsai's Criterion (AICC)	72182,236
Bozdogan's Criterion (CAIC)	72444,912
Schwarz's Bayesian Criterion (BIC)	72413,912

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
SmokingRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,128
	Conditional	0,327

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9815,031	6,315	0,012
ObesityRIVM	1	12891,167	1234,006	<0,001
Heidehoogveenenstuifzand	10	11934,169	9,615	<0,001
Openagrarischgebied	3	10966,568	13,774	<0,001
strand	3	12607,740	0,679	0,565
Halfopenengeslotenagrarischgebied	2	11986,917	8,104	<0,001
Duinen	4	8970,768	1,628	0,164
Bossen	3	11254,409	10,113	<0,001
Moeras	2	10757,938	31,685	<0,001

a. Dependent Variable: SmokingRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand=1]	0,091
	[Heidehoogveenenstuifzand=2]	0,091
	[Heidehoogveenenstuifzand=3]	0,091
	[Heidehoogveenenstuifzand=4]	0,091
	[Heidehoogveenenstuifzand=5]	0,091
	[Heidehoogveenenstuifzand=6]	0,091
	[Heidehoogveenenstuifzand=7]	0,091
	[Heidehoogveenenstuifzand=8]	0,091
	[Heidehoogveenenstuifzand=9]	0,091
	[Heidehoogveenenstuifzand=10]	0,091
	[Heidehoogveenenstuifzand=11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250
	[Openagrarischgebied=3]	0,250
	[Openagrarischgebied=4]	0,250

Intercept

	L1
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

ObesityRIVM

L2

Fixed Effects		
	Intercept	0
	ObesityRIVM	1
	[Heidehoogveenenstuifzand=1]	0
	[Heidehoogveenenstuifzand=2]	0
	[Heidehoogveenenstuifzand=3]	0
	[Heidehoogveenenstuifzand=4]	0
	[Heidehoogveenenstuifzand=5]	0
	[Heidehoogveenenstuifzand=6]	0
	[Heidehoogveenenstuifzand=7]	0
	[Heidehoogveenenstuifzand=8]	0
	[Heidehoogveenenstuifzand=9]	0
	[Heidehoogveenenstuifzand=10]	0
	[Heidehoogveenenstuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0
	[Openagrarischgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischgebied=1]	0
	[Halfopenengeslotenagrarischgebied=2]	0
	[Halfopenengeslotenagrarischgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0
	[Bossen=3]	0

ObesityRIVM

L2

[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenenstuifzand

		L3	L4	L5	L6	L7
Fixed Effects	Intercept	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand=1]	1	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	1	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	1	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	1	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0	1
	[Heidehoogveenenstuifzand=6]	0	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0	0
	[Heidehoogveenenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0
	[Openagrarischedgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0

Heidehoogveenenstuifzand

		L8	L9	L10	L11	L12
Fixed Effects	Intercept	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0

Heidehoogveenenstuifzand

	L3	L4	L5	L6	L7
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L8	L9	L10	L11	L12
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Open agrarisch gebied

		L14	L15	L16
Fixed Effects	Intercept	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Open agrarisch gebied=1]	1	0	0
	[Open agrarisch gebied=2]	0	1	0
	[Open agrarisch gebied=3]	0	0	1
	[Open agrarisch gebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengsloten agrarisch gebied=1]	0	0	0
	[Halfopenengsloten agrarisch gebied=2]	0	0	0
	[Halfopenengsloten agrarisch gebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0
	[Bossen=3]	0	0	0

Open agrarisch gebied

	L14	L15	L16
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L18	L19	L20
Fixed Effects Intercept	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0
[Open agrarisch gebied=1]	0	0	0
[Open agrarisch gebied=2]	0	0	0
[Open agrarisch gebied=3]	0	0	0
[Open agrarisch gebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengsloten agrarisch gebied=1]	0	0	0
[Halfopenengsloten agrarisch gebied=2]	0	0	0
[Halfopenengsloten agrarisch gebied=3]	0	0	0
[Duinen=1]	0	0	0

strand

	L18	L19	L20
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
Fixed Effects Intercept	0	0
ObesityRIVM	0	0
[Heidehoogveenstuifzand=1]	0	0
[Heidehoogveenstuifzand=2]	0	0
[Heidehoogveenstuifzand=3]	0	0
[Heidehoogveenstuifzand=4]	0	0
[Heidehoogveenstuifzand=5]	0	0
[Heidehoogveenstuifzand=6]	0	0
[Heidehoogveenstuifzand=7]	0	0
[Heidehoogveenstuifzand=8]	0	0
[Heidehoogveenstuifzand=9]	0	0
[Heidehoogveenstuifzand=10]	0	0
[Heidehoogveenstuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L25	L26	L27	L28
Fixed Effects Intercept	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0

Duinen

	L25	L26	L27	L28
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L30	L31	L32
Fixed Effects	Intercept	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0
	[Bossen=3]	0	0	1

Bossen

	L30	L31	L32
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L34	L35
Fixed Effects Intercept	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0
[Halfopenengeslotenagrarischedgebied=3]	0	0
[Duinen=1]	0	0

Moeras

	L34	L35
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	3,746666	0,394047	9084,436	9,508	<0,001	2,974245
ObesityRIVM	0,250315	0,007126	12891,167	35,128	<0,001	0,236348
[Heidehoogveenestuifzand=1]	-3,671812	1,326573	12903,235	-2,768	0,006	-6,272091
[Heidehoogveenestuifzand=2]	0,476835	0,369048	9235,327	1,292	0,196	-0,246580
[Heidehoogveenestuifzand=3]	-0,597268	0,396667	11116,723	-1,506	0,132	-1,374805
[Heidehoogveenestuifzand=4]	-0,630891	0,224675	12325,384	-2,808	0,005	-1,071288
[Heidehoogveenestuifzand=5]	-1,481312	0,232426	10299,581	-6,373	<0,001	-1,936913
[Heidehoogveenestuifzand=6]	-0,064430	0,229495	11795,718	-0,281	0,779	-0,514279
[Heidehoogveenestuifzand=7]	-0,671564	0,266110	10494,817	-2,524	0,012	-1,193190
[Heidehoogveenestuifzand=8]	-1,039747	0,318643	12135,213	-3,263	0,001	-1,664338
[Heidehoogveenestuifzand=9]	-2,616523	0,431958	12997,899	-6,057	<0,001	-3,463223
[Heidehoogveenestuifzand=10]	-1,723626	0,782834	13044	-2,202	0,028	-3,258095
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.	.
[Openagrarischgebied=1]	-0,648470	0,111216	9619,775	-5,831	<0,001	-0,866478
[Openagrarischgebied=2]	-0,745743	0,150478	8915,936	-4,956	<0,001	-1,040715
[Openagrarischgebied=3]	-0,331242	0,234250	10962,369	-1,414	0,157	-0,790415
[Openagrarischgebied=4]	0 ^b	0	.	.	.	.
[strand=1]	-0,673410	0,504009	12834,469	-1,336	0,182	-1,661343

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
Intercept	4,519087
ObesityRIVM	0,264283
[Heidehoogveenenstuifzand=1]	-1,071532
[Heidehoogveenenstuifzand=2]	1,200250
[Heidehoogveenenstuifzand=3]	0,180270
[Heidehoogveenenstuifzand=4]	-0,190493
[Heidehoogveenenstuifzand=5]	-1,025711
[Heidehoogveenenstuifzand=6]	0,385418
[Heidehoogveenenstuifzand=7]	-0,149938
[Heidehoogveenenstuifzand=8]	-0,415156
[Heidehoogveenenstuifzand=9]	-1,769823
[Heidehoogveenenstuifzand=10]	-0,189158
[Heidehoogveenenstuifzand=11]	.
[Openagrarischedgebied=1]	-0,430462
[Openagrarischedgebied=2]	-0,450772
[Openagrarischedgebied=3]	0,127931
[Openagrarischedgebied=4]	.
[strand=1]	0,314523

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[strand=2]	-0,305753	0,548885	12804,804	-0,557	0,578	-1,381648
[strand=3]	-0,180976	0,421169	12260,851	-0,430	0,667	-1,006535
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengeslotenagrarisch hgebied=1]	-0,361575	0,100933	11099,736	-3,582	<0,001	-0,559421
[Halfopenengeslotenagrarisch hgebied=2]	-1,768883	0,849753	13016,035	-2,082	0,037	-3,434523
[Halfopenengeslotenagrarisch hgebied=3]	0 ^b	0	.	.	.	.
[Duinen=1]	0,302965	0,431526	10440,699	0,702	0,483	-0,542907
[Duinen=2]	0,645068	0,352471	7417,210	1,830	0,067	-0,045876
[Duinen=3]	1,271332	0,707022	11711,856	1,798	0,072	-0,114548
[Duinen=4]	-0,431381	1,271866	6723,936	-0,339	0,734	-2,924642
[Duinen=5]	0 ^b	0	.	.	.	.
[Bossen=1]	0,421305	0,106866	11375,519	3,942	<0,001	0,211828
[Bossen=2]	0,143118	0,153083	11266,807	0,935	0,350	-0,156952
[Bossen=3]	-0,506111	0,223125	10915,582	-2,268	0,023	-0,943476
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	0,559841	0,297830	10857,611	1,880	0,060	-0,023960
[Moeras=2]	-0,753241	0,100401	10668,239	-7,502	<0,001	-0,950047
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
[strand=2]	0,770143
[strand=3]	0,644582
[strand=4]	.
[Halfopenengeslotenagrarisch hgebied=1]	-0,163729
[Halfopenengeslotenagrarisch hgebied=2]	-0,103243
[Halfopenengeslotenagrarisch hgebied=3]	.
[Duinen=1]	1,148838
[Duinen=2]	1,336011
[Duinen=3]	2,657212
[Duinen=4]	2,061880
[Duinen=5]	.
[Bossen=1]	0,630781
[Bossen=2]	0,443188
[Bossen=3]	-0,068747
[Bossen=4]	.
[Moeras=1]	1,143642
[Moeras=2]	-0,556436
[Moeras=3]	.

a. Dependent Variable: SmokingRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ...
					Lower Bound
Residual	13,715710	0,172008	79,739	0,000	13,382689
Intercept [subject = MunicipalityRIVM]	Variance 4,049580	0,353512	11,455	<0,001	3,412743

Estimates of Covariance Parameters^a

Parameter	95% ...
	Upper Bound
Residual	14,057018
Intercept [subject = MunicipalityRIVM]	Variance 4,805256

a. Dependent Variable: SmokingRIVM.

Estimated Marginal Means

Bossen

Contrast Coefficients

Parameter		Bossen			
		1	2	3	0 is ref
Fixed Effects	Intercept	1	1	1	1
	ObesityRIVM	50,499	50,499	50,499	50,499
	[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091
	[Openagrarischgebied=1]	0,250	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250	0,250
	[strand=3]	0,250	0,250	0,250	0,250
	[strand=4]	0,250	0,250	0,250	0,250
	[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333
	[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333
	[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333
	[Duinen=1]	0,200	0,200	0,200	0,200
	[Duinen=2]	0,200	0,200	0,200	0,200
	[Duinen=3]	0,200	0,200	0,200	0,200
	[Duinen=4]	0,200	0,200	0,200	0,200
	[Duinen=5]	0,200	0,200	0,200	0,200

Contrast Coefficients

Parameter	Bossen			
	1	2	3	0 is ref
[Bossen=1]	1	0	0	0
[Bossen=2]	0	1	0	0
[Bossen=3]	0	0	1	0
[Bossen=4]	0	0	0	1
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

Bossen	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	14,578 ^b	0,504	8023,215	13,590	15,565
2	14,299 ^b	0,497	8003,593	13,326	15,273
3	13,650 ^b	0,514	8346,875	12,642	14,658
0 is ref	14,156 ^b	0,510	8093,971	13,156	15,156

a. Dependent Variable: SmokingRIVM.

b. Covariates appearing in the model are evaluated at the following values:
ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Bossen	(J) Bossen	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for C... Lower Bound
1	2	0,278 [*]	0,139	11273,671	0,045	0,006
	3	0,927 [*]	0,212	10958,073	<0,001	0,512
	0 is ref	0,421 [*]	0,107	11375,519	<0,001	0,212
2	1	-0,278 [*]	0,139	11273,671	0,045	-0,550
	3	0,649 [*]	0,220	11625,286	0,003	0,217
	0 is ref	0,143	0,153	11266,807	0,350	-0,157
3	1	-0,927 [*]	0,212	10958,073	<0,001	-1,343
	2	-0,649 [*]	0,220	11625,286	0,003	-1,081
	0 is ref	-0,506 [*]	0,223	10915,582	0,023	-0,943
0 is ref	1	-0,421 [*]	0,107	11375,519	<0,001	-0,631
	2	-0,143	0,153	11266,807	0,350	-0,443
	3	0,506 [*]	0,223	10915,582	0,023	0,069

Pairwise Comparisons^a

(I) Bossen	(J) Bossen	95% Confidence Interval for $\bar{C}_{..}$
		Upper Bound
1	2	0,550
	3	1,343
	0 is ref	0,631
2	1	-0,006
	3	1,081
	0 is ref	0,443
3	1	-0,512
	2	-0,217
	0 is ref	-0,069
0 is ref	1	-0,212
	2	0,157
	3	0,943

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: SmokingRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	11260,962	10,113	<0,001

The F tests the effect of Bossen. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: SmokingRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:16:05.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		37		31

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: SmokingRIVM.

Information Criteria^a

-2 Log Likelihood	72120,084
Akaike's Information Criterion (AIC)	72182,084
Hurvich and Tsai's Criterion (AICC)	72182,236
Bozdogan's Criterion (CAIC)	72444,912
Schwarz's Bayesian Criterion (BIC)	72413,912

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
SmokingRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,128
	Conditional	0,327

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9815,031	6,315	0,012
ObesityRIVM	1	12891,167	1234,006	<0,001
Heidehoogveenstuifzand	10	11934,169	9,615	<0,001
Openagrarischedgebied	3	10966,568	13,774	<0,001
strand	3	12607,740	0,679	0,565
Halfopenengeslotenagrarischedgebied	2	11986,917	8,104	<0,001
Duinen	4	8970,768	1,628	0,164
Bossen	3	11254,409	10,113	<0,001
Moeras	2	10757,938	31,685	<0,001

a. Dependent Variable: SmokingRIVM.

Type III Estimable Functions

Intercept

L1

Fixed Effects		L1
Intercept		1
ObesityRIVM		0
[Heidehoogveenenstuifzand=1]		0,091
[Heidehoogveenenstuifzand=2]		0,091
[Heidehoogveenenstuifzand=3]		0,091
[Heidehoogveenenstuifzand=4]		0,091
[Heidehoogveenenstuifzand=5]		0,091
[Heidehoogveenenstuifzand=6]		0,091
[Heidehoogveenenstuifzand=7]		0,091
[Heidehoogveenenstuifzand=8]		0,091
[Heidehoogveenenstuifzand=9]		0,091
[Heidehoogveenenstuifzand=10]		0,091
[Heidehoogveenenstuifzand=11]		0,091
[Openagrarischgebied=1]		0,250
[Openagrarischgebied=2]		0,250
[Openagrarischgebied=3]		0,250
[Openagrarischgebied=4]		0,250
[strand=1]		0,250
[strand=2]		0,250
[strand=3]		0,250
[strand=4]		0,250
[Halfopenengeslotenagrarischgebied=1]		0,333
[Halfopenengeslotenagrarischgebied=2]		0,333
[Halfopenengeslotenagrarischgebied=3]		0,333
[Duinen=1]		0,200
[Duinen=2]		0,200
[Duinen=3]		0,200
[Duinen=4]		0,200
[Duinen=5]		0,200
[Bossen=1]		0,250
[Bossen=2]		0,250
[Bossen=3]		0,250

Intercept

L1

[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

ObesityRIVM

L2

Fixed Effects	Intercept	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0

ObesityRIVM

L2

[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L3	L4	L5	L6	L7
Fixed Effects	Intercept	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0
	[Openagrarischedgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L8	L9	L10	L11	L12
Fixed Effects	Intercept	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L3	L4	L5	L6	L7
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L8	L9	L10	L11	L12
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L14	L15	L16
Fixed Effects	Intercept	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0
	[Bossen=3]	0	0	0

Open agrarisch gebied

	L14	L15	L16
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L18	L19	L20
Fixed Effects Intercept	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0
[Open agrarisch gebied=1]	0	0	0
[Open agrarisch gebied=2]	0	0	0
[Open agrarisch gebied=3]	0	0	0
[Open agrarisch gebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengsloten agrarisch gebied=1]	0	0	0
[Halfopenengsloten agrarisch gebied=2]	0	0	0
[Halfopenengsloten agrarisch gebied=3]	0	0	0
[Duinen=1]	0	0	0

strand

	L18	L19	L20
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischedgebied

	L22	L23
Fixed Effects Intercept	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L25	L26	L27	L28
Fixed Effects Intercept	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0

Duinen

	L25	L26	L27	L28
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L30	L31	L32
Fixed Effects	Intercept	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0
	[Bossen=3]	0	0	1

Bossen

	L30	L31	L32
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L34	L35
Fixed Effects Intercept	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0

Moeras

	L34	L35
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	3,746666	0,394047	9084,436	9,508	<0,001	2,974245
ObesityRIVM	0,250315	0,007126	12891,167	35,128	<0,001	0,236348
[Heidehoogveenestuifzand =1]	-3,671812	1,326573	12903,235	-2,768	0,006	-6,272091
[Heidehoogveenestuifzand =2]	0,476835	0,369048	9235,327	1,292	0,196	-0,246580
[Heidehoogveenestuifzand =3]	-0,597268	0,396667	11116,723	-1,506	0,132	-1,374805
[Heidehoogveenestuifzand =4]	-0,630891	0,224675	12325,384	-2,808	0,005	-1,071288
[Heidehoogveenestuifzand =5]	-1,481312	0,232426	10299,581	-6,373	<0,001	-1,936913
[Heidehoogveenestuifzand =6]	-0,064430	0,229495	11795,718	-0,281	0,779	-0,514279
[Heidehoogveenestuifzand =7]	-0,671564	0,266110	10494,817	-2,524	0,012	-1,193190
[Heidehoogveenestuifzand =8]	-1,039747	0,318643	12135,213	-3,263	0,001	-1,664338
[Heidehoogveenestuifzand =9]	-2,616523	0,431958	12997,899	-6,057	<0,001	-3,463223
[Heidehoogveenestuifzand =10]	-1,723626	0,782834	13044	-2,202	0,028	-3,258095
[Heidehoogveenestuifzand =11]	0 ^b	0	.	.	.	.
[Openagrarischgebied=1]	-0,648470	0,111216	9619,775	-5,831	<0,001	-0,866478
[Openagrarischgebied=2]	-0,745743	0,150478	8915,936	-4,956	<0,001	-1,040715
[Openagrarischgebied=3]	-0,331242	0,234250	10962,369	-1,414	0,157	-0,790415
[Openagrarischgebied=4]	0 ^b	0	.	.	.	.
[strand=1]	-0,673410	0,504009	12834,469	-1,336	0,182	-1,661343

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
Intercept	4,519087
ObesityRIVM	0,264283
[Heidehoogveenenstuifzand=1]	-1,071532
[Heidehoogveenenstuifzand=2]	1,200250
[Heidehoogveenenstuifzand=3]	0,180270
[Heidehoogveenenstuifzand=4]	-0,190493
[Heidehoogveenenstuifzand=5]	-1,025711
[Heidehoogveenenstuifzand=6]	0,385418
[Heidehoogveenenstuifzand=7]	-0,149938
[Heidehoogveenenstuifzand=8]	-0,415156
[Heidehoogveenenstuifzand=9]	-1,769823
[Heidehoogveenenstuifzand=10]	-0,189158
[Heidehoogveenenstuifzand=11]	.
[Openagrarischgebied=1]	-0,430462
[Openagrarischgebied=2]	-0,450772
[Openagrarischgebied=3]	0,127931
[Openagrarischgebied=4]	.
[strand=1]	0,314523

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[strand=2]	-0,305753	0,548885	12804,804	-0,557	0,578	-1,381648
[strand=3]	-0,180976	0,421169	12260,851	-0,430	0,667	-1,006535
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengeslotenagraris hgebied=1]	-0,361575	0,100933	11099,736	-3,582	<0,001	-0,559421
[Halfopenengeslotenagraris hgebied=2]	-1,768883	0,849753	13016,035	-2,082	0,037	-3,434523
[Halfopenengeslotenagraris hgebied=3]	0 ^b	0	.	.	.	.
[Duinen=1]	0,302965	0,431526	10440,699	0,702	0,483	-0,542907
[Duinen=2]	0,645068	0,352471	7417,210	1,830	0,067	-0,045876
[Duinen=3]	1,271332	0,707022	11711,856	1,798	0,072	-0,114548
[Duinen=4]	-0,431381	1,271866	6723,936	-0,339	0,734	-2,924642
[Duinen=5]	0 ^b	0	.	.	.	.
[Bossen=1]	0,421305	0,106866	11375,519	3,942	<0,001	0,211828
[Bossen=2]	0,143118	0,153083	11266,807	0,935	0,350	-0,156952
[Bossen=3]	-0,506111	0,223125	10915,582	-2,268	0,023	-0,943476
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	0,559841	0,297830	10857,611	1,880	0,060	-0,023960
[Moeras=2]	-0,753241	0,100401	10668,239	-7,502	<0,001	-0,950047
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
[strand=2]	0,770143
[strand=3]	0,644582
[strand=4]	.
[Halfopenengeslotenagrarisch hgebied=1]	-0,163729
[Halfopenengeslotenagrarisch hgebied=2]	-0,103243
[Halfopenengeslotenagrarisch hgebied=3]	.
[Duinen=1]	1,148838
[Duinen=2]	1,336011
[Duinen=3]	2,657212
[Duinen=4]	2,061880
[Duinen=5]	.
[Bossen=1]	0,630781
[Bossen=2]	0,443188
[Bossen=3]	-0,068747
[Bossen=4]	.
[Moeras=1]	1,143642
[Moeras=2]	-0,556436
[Moeras=3]	.

a. Dependent Variable: SmokingRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ...
					Lower Bound
Residual	13,715710	0,172008	79,739	0,000	13,382689
Intercept [subject = MunicipalityRIVM]	Variance 4,049580	0,353512	11,455	<0,001	3,412743

Estimates of Covariance Parameters^a

Parameter	95% ...
	Upper Bound
Residual	14,057018
Intercept [subject = MunicipalityRIVM]	Variance 4,805256

a. Dependent Variable: SmokingRIVM.

Estimated Marginal Means

Moeras

Contrast Coefficients

Parameter		Moeras		
		1	2	0 is ref
Fixed Effects	Intercept	1	1	1
	ObesityRIVM	50,499	50,499	50,499
	[Heidehoogveenenstuifzand=1]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=2]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=3]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=4]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=5]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=6]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=7]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=8]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=9]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=10]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=11]	0,091	0,091	0,091
	[Openagrarischgebied=1]	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250
	[strand=3]	0,250	0,250	0,250
	[strand=4]	0,250	0,250	0,250
	[Halfopenengeslotenagrarischgebied=1]	0,333	0,333	0,333
	[Halfopenengeslotenagrarischgebied=2]	0,333	0,333	0,333
	[Halfopenengeslotenagrarischgebied=3]	0,333	0,333	0,333
	[Duinen=1]	0,200	0,200	0,200
	[Duinen=2]	0,200	0,200	0,200
	[Duinen=3]	0,200	0,200	0,200
	[Duinen=4]	0,200	0,200	0,200
	[Duinen=5]	0,200	0,200	0,200

Contrast Coefficients

Parameter	Moeras		
	1	2	0 is ref
[Bossen=1]	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250
[Moeras=1]	1	0	0
[Moeras=2]	0	1	0
[Moeras=3]	0	0	1

Estimates^a

Moeras	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	14,795 ^b	0,558	8618,161	13,701	15,889
2	13,482 ^b	0,494	7948,169	12,514	14,450
0 is ref	14,235 ^b	0,490	7890,469	13,275	15,196

a. Dependent Variable: SmokingRIVM.

b. Covariates appearing in the model are evaluated at the following values: ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Moeras	(J) Moeras	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ^c ..
						Lower Bound
1	2	1,313 [*]	0,304	10818,340	<0,001	0,716
	0 is ref	0,560	0,298	10857,611	0,060	-0,024
2	1	-1,313 [*]	0,304	10818,340	<0,001	-1,910
	0 is ref	-0,753 [*]	0,100	10668,239	<0,001	-0,950
0 is ref	1	-0,560	0,298	10857,611	0,060	-1,144
	2	0,753 [*]	0,100	10668,239	<0,001	0,556

Pairwise Comparisons^a

(I) Moeras	(J) Moeras	95% Confidence Interval for ^c ..
		Upper Bound
1	2	1,910
	0 is ref	1,144
2	1	-0,716
	0 is ref	-0,556
0 is ref	1	0,024
	2	0,950

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: SmokingRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
2	10758,329	31,685	<0,001

The F tests the effect of Moeras. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: SmokingRIVM.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	ObesityRIVM	1		1
	Heidehoogveenestuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		37		31

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	ObesityRIVM	
	Heidehoogveenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: SmokingRIVM.

Information Criteria^a

-2 Log Likelihood	72120,084
Akaike's Information Criterion (AIC)	72182,084
Hurvich and Tsai's Criterion (AICC)	72182,236
Bozdogan's Criterion (CAIC)	72444,912
Schwarz's Bayesian Criterion (BIC)	72413,912

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
SmokingRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,128
	Conditional	0,327

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9815,031	6,315	0,012
ObesityRIVM	1	12891,167	1234,006	<0,001
Heidehoogveenenstuifzand	10	11934,169	9,615	<0,001
Openagrarischgebied	3	10966,568	13,774	<0,001
strand	3	12607,740	0,679	0,565
Halfopenengeslotenagrarischgebied	2	11986,917	8,104	<0,001
Duinen	4	8970,768	1,628	0,164
Bossen	3	11254,409	10,113	<0,001
Moeras	2	10757,938	31,685	<0,001

a. Dependent Variable: SmokingRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand=1]	0,091
	[Heidehoogveenenstuifzand=2]	0,091
	[Heidehoogveenenstuifzand=3]	0,091
	[Heidehoogveenenstuifzand=4]	0,091
	[Heidehoogveenenstuifzand=5]	0,091
	[Heidehoogveenenstuifzand=6]	0,091
	[Heidehoogveenenstuifzand=7]	0,091
	[Heidehoogveenenstuifzand=8]	0,091
	[Heidehoogveenenstuifzand=9]	0,091
	[Heidehoogveenenstuifzand=10]	0,091
	[Heidehoogveenenstuifzand=11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250
	[Openagrarischgebied=3]	0,250
	[Openagrarischgebied=4]	0,250

Intercept

	L1
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarisch hgebied=1]	0,333
[Halfopenengeslotenagrarisch hgebied=2]	0,333
[Halfopenengeslotenagrarisch hgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

ObesityRIVM

L2

Fixed Effects		
	Intercept	0
	ObesityRIVM	1
	[Heidehoogveenenstuifzand=1]	0
	[Heidehoogveenenstuifzand=2]	0
	[Heidehoogveenenstuifzand=3]	0
	[Heidehoogveenenstuifzand=4]	0
	[Heidehoogveenenstuifzand=5]	0
	[Heidehoogveenenstuifzand=6]	0
	[Heidehoogveenenstuifzand=7]	0
	[Heidehoogveenenstuifzand=8]	0
	[Heidehoogveenenstuifzand=9]	0
	[Heidehoogveenenstuifzand=10]	0
	[Heidehoogveenenstuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0
	[Openagrarischgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischgebied=1]	0
	[Halfopenengeslotenagrarischgebied=2]	0
	[Halfopenengeslotenagrarischgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0
	[Bossen=3]	0

ObesityRIVM

L2

[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L3	L4	L5	L6	L7
Fixed Effects	Intercept	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0

Heidehoogveenenstuifzand

		L8	L9	L10	L11	L12
Fixed Effects	Intercept	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0

Heidehoogveenenstuifzand

	L3	L4	L5	L6	L7
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L8	L9	L10	L11	L12
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L14	L15	L16
Fixed Effects	Intercept	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0
	[Bossen=3]	0	0	0

Open agrarisch gebied

	L14	L15	L16
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L18	L19	L20
Fixed Effects Intercept	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Open agrarisch gebied=1]	0	0	0
[Open agrarisch gebied=2]	0	0	0
[Open agrarisch gebied=3]	0	0	0
[Open agrarisch gebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengsloten agrarisch gebied=1]	0	0	0
[Halfopenengsloten agrarisch gebied=2]	0	0	0
[Halfopenengsloten agrarisch gebied=3]	0	0	0
[Duinen=1]	0	0	0

strand

	L18	L19	L20
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischedgebied

	L22	L23
Fixed Effects Intercept	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L25	L26	L27	L28
Fixed Effects Intercept	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0

Duinen

	L25	L26	L27	L28
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L30	L31	L32
Fixed Effects	Intercept	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0
	[Bossen=3]	0	0	1

Bossen

	L30	L31	L32
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L34	L35
Fixed Effects Intercept	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0
[Halfopenengeslotenagrarischedgebied=3]	0	0
[Duinen=1]	0	0

Moeras

	L34	L35
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	3,746666	0,394047	9084,436	9,508	<0,001	2,974245
ObesityRIVM	0,250315	0,007126	12891,167	35,128	<0,001	0,236348
[Heidehoogveenestuifzand=1]	-3,671812	1,326573	12903,235	-2,768	0,006	-6,272091
[Heidehoogveenestuifzand=2]	0,476835	0,369048	9235,327	1,292	0,196	-0,246580
[Heidehoogveenestuifzand=3]	-0,597268	0,396667	11116,723	-1,506	0,132	-1,374805
[Heidehoogveenestuifzand=4]	-0,630891	0,224675	12325,384	-2,808	0,005	-1,071288
[Heidehoogveenestuifzand=5]	-1,481312	0,232426	10299,581	-6,373	<0,001	-1,936913
[Heidehoogveenestuifzand=6]	-0,064430	0,229495	11795,718	-0,281	0,779	-0,514279
[Heidehoogveenestuifzand=7]	-0,671564	0,266110	10494,817	-2,524	0,012	-1,193190
[Heidehoogveenestuifzand=8]	-1,039747	0,318643	12135,213	-3,263	0,001	-1,664338
[Heidehoogveenestuifzand=9]	-2,616523	0,431958	12997,899	-6,057	<0,001	-3,463223
[Heidehoogveenestuifzand=10]	-1,723626	0,782834	13044	-2,202	0,028	-3,258095
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.	.
[Openagrarischgebied=1]	-0,648470	0,111216	9619,775	-5,831	<0,001	-0,866478
[Openagrarischgebied=2]	-0,745743	0,150478	8915,936	-4,956	<0,001	-1,040715
[Openagrarischgebied=3]	-0,331242	0,234250	10962,369	-1,414	0,157	-0,790415
[Openagrarischgebied=4]	0 ^b	0	.	.	.	.
[strand=1]	-0,673410	0,504009	12834,469	-1,336	0,182	-1,661343

Estimates of Fixed Effects^a

Parameter	95% ... Upper Bound
Intercept	4,519087
ObesityRIVM	0,264283
[Heidehoogveenenstuifzand=1]	-1,071532
[Heidehoogveenenstuifzand=2]	1,200250
[Heidehoogveenenstuifzand=3]	0,180270
[Heidehoogveenenstuifzand=4]	-0,190493
[Heidehoogveenenstuifzand=5]	-1,025711
[Heidehoogveenenstuifzand=6]	0,385418
[Heidehoogveenenstuifzand=7]	-0,149938
[Heidehoogveenenstuifzand=8]	-0,415156
[Heidehoogveenenstuifzand=9]	-1,769823
[Heidehoogveenenstuifzand=10]	-0,189158
[Heidehoogveenenstuifzand=11]	.
[Openagrarischedgebied=1]	-0,430462
[Openagrarischedgebied=2]	-0,450772
[Openagrarischedgebied=3]	0,127931
[Openagrarischedgebied=4]	.
[strand=1]	0,314523

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[strand=2]	-0,305753	0,548885	12804,804	-0,557	0,578	-1,381648
[strand=3]	-0,180976	0,421169	12260,851	-0,430	0,667	-1,006535
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengeslotenagrarisch hgebied=1]	-0,361575	0,100933	11099,736	-3,582	<0,001	-0,559421
[Halfopenengeslotenagrarisch hgebied=2]	-1,768883	0,849753	13016,035	-2,082	0,037	-3,434523
[Halfopenengeslotenagrarisch hgebied=3]	0 ^b	0	.	.	.	.
[Duinen=1]	0,302965	0,431526	10440,699	0,702	0,483	-0,542907
[Duinen=2]	0,645068	0,352471	7417,210	1,830	0,067	-0,045876
[Duinen=3]	1,271332	0,707022	11711,856	1,798	0,072	-0,114548
[Duinen=4]	-0,431381	1,271866	6723,936	-0,339	0,734	-2,924642
[Duinen=5]	0 ^b	0	.	.	.	.
[Bossen=1]	0,421305	0,106866	11375,519	3,942	<0,001	0,211828
[Bossen=2]	0,143118	0,153083	11266,807	0,935	0,350	-0,156952
[Bossen=3]	-0,506111	0,223125	10915,582	-2,268	0,023	-0,943476
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	0,559841	0,297830	10857,611	1,880	0,060	-0,023960
[Moeras=2]	-0,753241	0,100401	10668,239	-7,502	<0,001	-0,950047
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
[strand=2]	0,770143
[strand=3]	0,644582
[strand=4]	.
[Halfopenengeslotenagrarisch hgebied=1]	-0,163729
[Halfopenengeslotenagrarisch hgebied=2]	-0,103243
[Halfopenengeslotenagrarisch hgebied=3]	.
[Duinen=1]	1,148838
[Duinen=2]	1,336011
[Duinen=3]	2,657212
[Duinen=4]	2,061880
[Duinen=5]	.
[Bossen=1]	0,630781
[Bossen=2]	0,443188
[Bossen=3]	-0,068747
[Bossen=4]	.
[Moeras=1]	1,143642
[Moeras=2]	-0,556436
[Moeras=3]	.

a. Dependent Variable: SmokingRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ...
					Lower Bound
Residual	13,715710	0,172008	79,739	0,000	13,382689
Intercept [subject = MunicipalityRIVM]	Variance 4,049580	0,353512	11,455	<0,001	3,412743

Estimates of Covariance Parameters^a

Parameter	95% ...
	Upper Bound
Residual	14,057018
Intercept [subject = MunicipalityRIVM]	Variance 4,805256

a. Dependent Variable: SmokingRIVM.

Estimated Marginal Means

Moeras

Contrast Coefficients

Parameter		Moeras		
		1	2	0 is ref
Fixed Effects	Intercept	1	1	1
	ObesityRIVM	50,499	50,499	50,499
	[Heidehoogveenenstuifzand=1]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=2]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=3]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=4]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=5]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=6]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=7]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=8]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=9]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=10]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=11]	0,091	0,091	0,091
	[Openagrarischgebied=1]	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250
	[strand=3]	0,250	0,250	0,250
	[strand=4]	0,250	0,250	0,250
	[Halfopenengeslotenagrarischgebied=1]	0,333	0,333	0,333
	[Halfopenengeslotenagrarischgebied=2]	0,333	0,333	0,333
	[Halfopenengeslotenagrarischgebied=3]	0,333	0,333	0,333
	[Duinen=1]	0,200	0,200	0,200
	[Duinen=2]	0,200	0,200	0,200
	[Duinen=3]	0,200	0,200	0,200
	[Duinen=4]	0,200	0,200	0,200
	[Duinen=5]	0,200	0,200	0,200

Contrast Coefficients

Parameter	Moeras		
	1	2	0 is ref
[Bossen=1]	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250
[Moeras=1]	1	0	0
[Moeras=2]	0	1	0
[Moeras=3]	0	0	1

Estimates^a

Moeras	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	14,795 ^b	0,558	8618,161	13,701	15,889
2	13,482 ^b	0,494	7948,169	12,514	14,450
0 is ref	14,235 ^b	0,490	7890,469	13,275	15,196

a. Dependent Variable: SmokingRIVM.

b. Covariates appearing in the model are evaluated at the following values: ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Moeras	(J) Moeras	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ^c ..
						Lower Bound
1	2	1,313 [*]	0,304	10818,340	<0,001	0,716
	0 is ref	0,560	0,298	10857,611	0,060	-0,024
2	1	-1,313 [*]	0,304	10818,340	<0,001	-1,910
	0 is ref	-0,753 [*]	0,100	10668,239	<0,001	-0,950
0 is ref	1	-0,560	0,298	10857,611	0,060	-1,144
	2	0,753 [*]	0,100	10668,239	<0,001	0,556

Pairwise Comparisons^a

(I) Moeras	(J) Moeras	95% Confidence Interval for ^c ..
		Upper Bound
1	2	1,910
	0 is ref	1,144
2	1	-0,716
	0 is ref	-0,556
0 is ref	1	0,024
	2	0,950

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: SmokingRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
2	10758,329	31,685	<0,001

The F tests the effect of Moeras. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: SmokingRIVM.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischedgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischedgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		37		31

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: ObesityRIVM.

Information Criteria^a

-2 Log Likelihood	76236,248
Akaike's Information Criterion (AIC)	76298,248
Hurvich and Tsai's Criterion (AICC)	76298,400
Bozdogan's Criterion (CAIC)	76561,075
Schwarz's Bayesian Criterion (BIC)	76530,075

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: ObesityRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,099
	Conditional	0,416

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	8341,709	5435,592	0,000
SmokingRIVM	1	13016,448	1232,997	<0,001
Heidehoogveenenstuifzand	10	12817,400	3,877	<0,001
Openagrarischgebied	3	12495,905	19,559	<0,001
strand	3	13007,409	4,692	0,003
Halfopenengeslotenagrarischgebied	2	12749,970	10,041	<0,001
Duinen	4	11187,007	8,302	<0,001
Bossen	3	12662,005	11,553	<0,001
Moeras	2	12431,074	18,503	<0,001

a. Dependent Variable: ObesityRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	[Heidehoogveenenstuifzand=1]	0,091
	[Heidehoogveenenstuifzand=2]	0,091
	[Heidehoogveenenstuifzand=3]	0,091
	[Heidehoogveenenstuifzand=4]	0,091
	[Heidehoogveenenstuifzand=5]	0,091
	[Heidehoogveenenstuifzand=6]	0,091
	[Heidehoogveenenstuifzand=7]	0,091
	[Heidehoogveenenstuifzand=8]	0,091
	[Heidehoogveenenstuifzand=9]	0,091
	[Heidehoogveenenstuifzand=10]	0,091
	[Heidehoogveenenstuifzand=11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250
	[Openagrarischgebied=3]	0,250
	[Openagrarischgebied=4]	0,250

Intercept

	L1
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarisch hgebied=1]	0,333
[Halfopenengeslotenagrarisch hgebied=2]	0,333
[Halfopenengeslotenagrarisch hgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	[Heidehoogveenenstuifzand=1]	0
	[Heidehoogveenenstuifzand=2]	0
	[Heidehoogveenenstuifzand=3]	0
	[Heidehoogveenenstuifzand=4]	0
	[Heidehoogveenenstuifzand=5]	0
	[Heidehoogveenenstuifzand=6]	0
	[Heidehoogveenenstuifzand=7]	0
	[Heidehoogveenenstuifzand=8]	0
	[Heidehoogveenenstuifzand=9]	0
	[Heidehoogveenenstuifzand=10]	0
	[Heidehoogveenenstuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0
	[Openagrarischgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischgebied=1]	0
	[Halfopenengeslotenagrarischgebied=2]	0
	[Halfopenengeslotenagrarischgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0
	[Bossen=3]	0

SmokingRIVM

L2

[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenenstuifzand

		L3	L4	L5	L6	L7
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	1	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	1	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	1	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	1	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	1
	[Heidehoogveenenstuifzand =6]	0	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	0	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	0	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	0	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	0
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0
	[Openagrarischedgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0

Heidehoogveenenstuifzand

		L8	L9	L10	L11	L12
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0

Heidehoogveenstuifzand

	L3	L4	L5	L6	L7
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenstuifzand

	L8	L9	L10	L11	L12
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L14	L15	L16
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0
	[Bossen=3]	0	0	0

Open agrarisch gebied

	L14	L15	L16
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L18	L19	L20
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0
[Open agrarisch gebied=1]	0	0	0
[Open agrarisch gebied=2]	0	0	0
[Open agrarisch gebied=3]	0	0	0
[Open agrarisch gebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengsloten agrarisch gebied=1]	0	0	0
[Halfopenengsloten agrarisch gebied=2]	0	0	0
[Halfopenengsloten agrarisch gebied=3]	0	0	0
[Duinen=1]	0	0	0

strand

	L18	L19	L20
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L25	L26	L27	L28
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0

Duinen

	L25	L26	L27	L28
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L30	L31	L32
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0
	[Bossen=3]	0	0	1

Bossen

	L30	L31	L32
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L34	L35
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0
[Halfopenengeslotenagrarischedgebied=3]	0	0
[Duinen=1]	0	0

Moeras

	L34	L35
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	44,733034	0,274498	1779,074	162,963	0,000
SmokingRIVM	0,343079	0,009770	13016,448	35,114	<0,001
[Heidehoogveenestuifzand =1]	0,548064	1,544575	12835,662	0,355	0,723
[Heidehoogveenestuifzand =2]	-1,689697	0,440779	11859,502	-3,833	<0,001
[Heidehoogveenestuifzand =3]	0,165131	0,470648	12541,536	0,351	0,726
[Heidehoogveenestuifzand =4]	0,196483	0,264895	12984,566	0,742	0,458
[Heidehoogveenestuifzand =5]	0,853092	0,277033	12217,330	3,079	0,002
[Heidehoogveenestuifzand =6]	0,234235	0,271344	12813,243	0,863	0,388
[Heidehoogveenestuifzand =7]	0,955942	0,316428	12347,516	3,021	0,003
[Heidehoogveenestuifzand =8]	1,111086	0,376042	12931,492	2,955	0,003
[Heidehoogveenestuifzand =9]	0,341775	0,506816	13044	0,674	0,500
[Heidehoogveenestuifzand =10]	0,370791	0,914654	12998,445	0,405	0,685
[Heidehoogveenestuifzand =11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	0,920938	0,132705	11849,267	6,940	<0,001
[Openagrarischgebied=2]	1,144305	0,180119	11402,100	6,353	<0,001
[Openagrarischgebied=3]	1,167600	0,277835	12537,573	4,202	<0,001
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	1,505854	0,591564	13044	2,546	0,011

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	44,194662	45,271406
SmokingRIVM	0,323927	0,362230
[Heidehoogveenenstuifzand=1]	-2,479532	3,575661
[Heidehoogveenenstuifzand=2]	-2,553697	-0,825697
[Heidehoogveenenstuifzand=3]	-0,757411	1,087672
[Heidehoogveenenstuifzand=4]	-0,322750	0,715716
[Heidehoogveenenstuifzand=5]	0,310063	1,396120
[Heidehoogveenenstuifzand=6]	-0,297640	0,766110
[Heidehoogveenenstuifzand=7]	0,335695	1,576190
[Heidehoogveenenstuifzand=8]	0,373988	1,848185
[Heidehoogveenenstuifzand=9]	-0,651659	1,335208
[Heidehoogveenenstuifzand=10]	-1,422065	2,163647
[Heidehoogveenenstuifzand=11]	.	.
[Openagrarischgebied=1]	0,660813	1,181062
[Openagrarischgebied=2]	0,791242	1,497369
[Openagrarischgebied=3]	0,623001	1,712198
[Openagrarischgebied=4]	.	.
[strand=1]	0,346302	2,665405

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[strand=2]	1,021424	0,645048	13044	1,583	0,113
[strand=3]	1,375262	0,496580	12948,207	2,769	0,006
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisch hgebied=1]	0,529085	0,119689	12579,493	4,420	<0,001
[Halfopenengeslotenagrarisch hgebied=2]	-0,417247	0,990890	12921,393	-0,421	0,674
[Halfopenengeslotenagrarisch hgebied=3]	0 ^b	0	.	.	.
[Duinen=1]	0,023315	0,513335	12317,305	0,045	0,964
[Duinen=2]	-2,354047	0,424413	10575,353	-5,547	<0,001
[Duinen=3]	-1,889685	0,838283	12323,334	-2,254	0,024
[Duinen=4]	-1,589001	1,542500	9234,755	-1,030	0,303
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	-0,594163	0,126549	12706,695	-4,695	<0,001
[Bossen=2]	-0,643392	0,181345	12663,406	-3,548	<0,001
[Bossen=3]	-1,290235	0,264636	12547,396	-4,876	<0,001
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,063269	0,353757	12456,019	-0,179	0,858
[Moeras=2]	0,720260	0,119412	12413,301	6,032	<0,001
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[strand=2]	-0,242964	2,285812
[strand=3]	0,401893	2,348631
[strand=4]	.	.
[Halfopenengeslotenagrarisc hgebied=1]	0,294475	0,763694
[Halfopenengeslotenagrarisc hgebied=2]	-2,359538	1,525045
[Halfopenengeslotenagrarisc hgebied=3]	.	.
[Duinen=1]	-0,982903	1,029532
[Duinen=2]	-3,185977	-1,522117
[Duinen=3]	-3,532850	-0,246520
[Duinen=4]	-4,612641	1,434639
[Duinen=5]	.	.
[Bossen=1]	-0,842218	-0,346108
[Bossen=2]	-0,998855	-0,287929
[Bossen=3]	-1,808962	-0,771507
[Bossen=4]	.	.
[Moeras=1]	-0,756688	0,630150
[Moeras=2]	0,486193	0,954327
[Moeras=3]	.	.

a. Dependent Variable: ObesityRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual	18,516282	0,232198	79,743	0,000	18,066729
Intercept [subject = MunicipalityRIVM]	Variance 10,058773	0,824039	12,207	<0,001	8,566680

Estimates of Covariance Parameters^a

Parameter	95% ... Upper Bound
Residual	18,977020
Intercept [subject = MunicipalityRIVM]	Variance 11,810750

a. Dependent Variable: ObesityRIVM.

Estimated Marginal Means

Heidehoogveenestuifzand

Contrast Coefficients

Parameter		Heidehoogveenestuifzand				
		1	2	3	4	5
Fixed Effects	Intercept	1	1	1	1	1
	SmokingRIVM	16,461	16,461	16,461	16,461	16,461
	[Heidehoogveenestuifzand =1]	1	0	0	0	0
	[Heidehoogveenestuifzand =2]	0	1	0	0	0
	[Heidehoogveenestuifzand =3]	0	0	1	0	0
	[Heidehoogveenestuifzand =4]	0	0	0	1	0
	[Heidehoogveenestuifzand =5]	0	0	0	0	1
	[Heidehoogveenestuifzand =6]	0	0	0	0	0
	[Heidehoogveenestuifzand =7]	0	0	0	0	0
	[Heidehoogveenestuifzand =8]	0	0	0	0	0
	[Heidehoogveenestuifzand =9]	0	0	0	0	0
	[Heidehoogveenestuifzand =10]	0	0	0	0	0
	[Heidehoogveenestuifzand =11]	0	0	0	0	0
	[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250	0,250	0,250
	[strand=3]	0,250	0,250	0,250	0,250	0,250
	[strand=4]	0,250	0,250	0,250	0,250	0,250
	[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333	0,333
	[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333	0,333
	[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333	0,333
	[Duinen=1]	0,200	0,200	0,200	0,200	0,200
	[Duinen=2]	0,200	0,200	0,200	0,200	0,200
	[Duinen=3]	0,200	0,200	0,200	0,200	0,200
	[Duinen=4]	0,200	0,200	0,200	0,200	0,200
	[Duinen=5]	0,200	0,200	0,200	0,200	0,200

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	6	7	8	9	10
Fixed Effects Intercept	1	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461	16,461
[Heidehoogveenenstuifzand =1]	0	0	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0	0	0
[Heidehoogveenenstuifzand =6]	1	0	0	0	0
[Heidehoogveenenstuifzand =7]	0	1	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	1	0	0
[Heidehoogveenenstuifzand =9]	0	0	0	1	0
[Heidehoogveenenstuifzand =10]	0	0	0	0	1
[Heidehoogveenenstuifzand =11]	0	0	0	0	0
[Openagrarischedgebied=1]	0,250	0,250	0,250	0,250	0,250
[Openagrarischedgebied=2]	0,250	0,250	0,250	0,250	0,250
[Openagrarischedgebied=3]	0,250	0,250	0,250	0,250	0,250
[Openagrarischedgebied=4]	0,250	0,250	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250	0,250
[Halfopenengeslotenagrarischedgebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischedgebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischedgebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200	0,200

Contrast Coefficients

Parameter	Heidehoogv.. 0 is ref
Fixed Effects Intercept	1
SmokingRIVM	16,461
[Heidehoogveenenstuifzand =1]	0
[Heidehoogveenenstuifzand =2]	0
[Heidehoogveenenstuifzand =3]	0
[Heidehoogveenenstuifzand =4]	0
[Heidehoogveenenstuifzand =5]	0
[Heidehoogveenenstuifzand =6]	0
[Heidehoogveenenstuifzand =7]	0
[Heidehoogveenenstuifzand =8]	0
[Heidehoogveenenstuifzand =9]	0
[Heidehoogveenenstuifzand =10]	0
[Heidehoogveenenstuifzand =11]	1
[Openagrarischgebied=1]	0,250
[Openagrarischgebied=2]	0,250
[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarisch gebied=1]	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	1	2	3	4	5
[Bossen=1]	0,250	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	6	7	8	9	10
[Bossen=1]	0,250	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogv..
	0 is ref
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

Estimates^a

Heidehoogveenstuifzand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	51,175 ^b	1,630	13044	47,980	54,369
2	48,937 ^b	0,715	9100,015	47,535	50,339
3	50,792 ^b	0,752	9575,431	49,318	52,266
4	50,823 ^b	0,630	8421,546	49,588	52,058
5	51,480 ^b	0,628	8253,591	50,249	52,711
6	50,861 ^b	0,615	8126,401	49,654	52,067
7	51,583 ^b	0,643	8464,963	50,322	52,843
8	51,738 ^b	0,669	9091,523	50,427	53,048
9	50,968 ^b	0,744	10410,240	49,511	52,426
10	50,997 ^b	1,067	12568,850	48,906	53,089
0 is ref	50,627 ^b	0,567	7196,402	49,516	51,737

a. Dependent Variable: ObesityRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461.

Pairwise Comparisons^a

(I) Heidehoogveenstuifzand	(J) Heidehoogveenstuifzand	Mean Difference (I-J)	Std. Error	df
1	2	2,238	1,610	12954,927
	3	0,383	1,617	12931,141
	4	0,352	1,569	12871,813
	5	-0,305	1,567	12880,410
	6	0,314	1,554	12851,582
	7	-0,408	1,569	12881,927
	8	-0,563	1,571	12870,010
	9	0,206	1,591	12850,126
	10	0,177	1,746	12858,796
	0 is ref	0,548	1,545	12835,662
2	1	-2,238	1,610	12954,927
	3	-1,855 [*]	0,624	12495,275
	4	-1,886 [*]	0,505	12311,881
	5	-2,543 [*]	0,515	12019,781
	6	-1,924 [*]	0,506	12336,319
	7	-2,646 [*]	0,536	12131,954
	8	-2,801 [*]	0,560	12633,487
	9	-2,031 [*]	0,607	13044
	10	-2,060 [*]	1,006	13044
	0 is ref	-1,690 [*]	0,441	11859,502

Pairwise Comparisons^a

(I) Heidehoogveenstuifzand	(J) Heidehoogveenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,165	-0,919	5,394
	3	0,813	-2,786	3,552
	4	0,823	-2,724	3,427
	5	0,846	-3,377	2,766
	6	0,840	-2,732	3,360
	7	0,795	-3,484	2,668
	8	0,720	-3,643	2,517
	9	0,897	-2,912	3,324
	10	0,919	-3,246	3,600
	0 is ref	0,723	-2,480	3,576
2	1	0,165	-5,394	0,919
	3	0,003	-3,079	-0,631
	4	<0,001	-2,876	-0,897
	5	<0,001	-3,552	-1,534
	6	<0,001	-2,916	-0,932
	7	<0,001	-3,697	-1,595
	8	<0,001	-3,898	-1,703
	9	<0,001	-3,222	-0,841
	10	0,040	-4,032	-0,089
	0 is ref	<0,001	-2,554	-0,826

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
3	1	-0,383	1,617	12931,141
	2	1,855 [*]	0,624	12495,275
	4	-0,031	0,508	12908,180
	5	-0,688	0,527	12634,326
	6	-0,069	0,539	12653,421
	7	-0,791	0,558	12522,845
	8	-0,946	0,588	12794,701
	9	-0,177	0,684	13016,775
	10	-0,206	1,025	13044
	0 is ref	0,165	0,471	12541,536
	4	1	-0,352	1,569	12871,813
2		1,886 [*]	0,505	12311,881
3		0,031	0,508	12908,180
5		-0,657	0,360	12833,217
6		-0,038	0,365	12971,427
7		-0,759 [*]	0,387	12829,848
8		-0,915 [*]	0,440	13015,462
9		-0,145	0,563	13044
10		-0,174	0,948	13017,079
0 is ref		0,196	0,265	12984,566
5		1	0,305	1,567	12880,410
	2	2,543 [*]	0,515	12019,781
	3	0,688	0,527	12634,326
	4	0,657	0,360	12833,217
	6	0,619	0,359	12824,434
	7	-0,103	0,401	12371,889
	8	-0,258	0,447	12853,313
	9	0,511	0,570	13044
	10	0,482	0,951	13042,992
	0 is ref	0,853 [*]	0,277	12217,330
	6	1	-0,314	1,554	12851,582
2		1,924 [*]	0,506	12336,319
3		0,069	0,539	12653,421
4		0,038	0,365	12971,427
5		-0,619	0,359	12824,434
7		-0,722	0,397	12664,500
8		-0,877 [*]	0,432	13028,892
9		-0,108	0,551	13044
10		-0,137	0,939	13015,689
0 is ref		0,234	0,271	12813,243

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
3	1	0,813	-3,552	2,786
	2	0,003	0,631	3,079
	4	0,951	-1,027	0,964
	5	0,192	-1,721	0,345
	6	0,898	-1,125	0,987
	7	0,157	-1,885	0,303
	8	0,108	-2,098	0,207
	9	0,796	-1,516	1,163
	10	0,841	-2,214	1,803
	0 is ref	0,726	-0,757	1,088
	4	1	0,823	-3,427
2		<0,001	0,897	2,876
3		0,951	-0,964	1,027
5		0,068	-1,362	0,049
6		0,918	-0,753	0,677
7		0,050	-1,518	-0,001
8		0,038	-1,778	-0,052
9		0,796	-1,249	0,959
10		0,854	-2,032	1,683
0 is ref		0,458	-0,323	0,716
5		1	0,846	-2,766	3,377
	2	<0,001	1,534	3,552
	3	0,192	-0,345	1,721
	4	0,068	-0,049	1,362
	6	0,085	-0,085	1,323
	7	0,797	-0,889	0,683
	8	0,564	-1,134	0,618
	9	0,370	-0,606	1,629
	10	0,612	-1,381	2,346
	0 is ref	0,002	0,310	1,396
	6	1	0,840	-3,360
2		<0,001	0,932	2,916
3		0,898	-0,987	1,125
4		0,918	-0,677	0,753
5		0,085	-1,323	0,085
7		0,069	-1,500	0,056
8		0,042	-1,723	-0,030
9		0,845	-1,188	0,973
10		0,884	-1,977	1,704
0 is ref		0,388	-0,298	0,766

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
7	1	0,408	1,569	12881,927
	2	2,646*	0,536	12131,954
	3	0,791	0,558	12522,845
	4	0,759*	0,387	12829,848
	5	0,103	0,401	12371,889
	6	0,722	0,397	12664,500
	8	-0,155	0,432	13044
	9	0,614	0,557	13044
	10	0,585	0,942	13007,443
	0 is ref	0,956*	0,316	12347,516
	8	1	0,563	1,571	12870,010
2		2,801*	0,560	12633,487
3		0,946	0,588	12794,701
4		0,915*	0,440	13015,462
5		0,258	0,447	12853,313
6		0,877*	0,432	13028,892
7		0,155	0,432	13044
9		0,769	0,557	13007,759
10		0,740	0,945	12985,165
0 is ref		1,111*	0,376	12931,492
9		1	-0,206	1,591	12850,126
	2	2,031*	0,607	13044
	3	0,177	0,684	13016,775
	4	0,145	0,563	13044
	5	-0,511	0,570	13044
	6	0,108	0,551	13044
	7	-0,614	0,557	13044
	8	-0,769	0,557	13007,759
	10	-0,029	0,950	12903,916
	0 is ref	0,342	0,507	13044
	10	1	-0,177	1,746	12858,796
2		2,060*	1,006	13044
3		0,206	1,025	13044
4		0,174	0,948	13017,079
5		-0,482	0,951	13042,992
6		0,137	0,939	13015,689
7		-0,585	0,942	13007,443
8		-0,740	0,945	12985,165
9		0,029	0,950	12903,916
0 is ref		0,371	0,915	12998,445

Pairwise Comparisons^a

(I) Heidehoogveenstuifzand	(J) Heidehoogveenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
7	1	0,795	-2,668	3,484
	2	<0,001	1,595	3,697
	3	0,157	-0,303	1,885
	4	0,050	0,001	1,518
	5	0,797	-0,683	0,889
	6	0,069	-0,056	1,500
	8	0,719	-1,001	0,691
	9	0,270	-0,478	1,707
	10	0,534	-1,261	2,431
	0 is ref	0,003	0,336	1,576
	8	1	0,720	-2,517	3,643
2		<0,001	1,703	3,898
3		0,108	-0,207	2,098
4		0,038	0,052	1,778
5		0,564	-0,618	1,134
6		0,042	0,030	1,723
7		0,719	-0,691	1,001
9		0,167	-0,322	1,860
10		0,433	-1,112	2,593
0 is ref		0,003	0,374	1,848
9		1	0,897	-3,324
	2	<0,001	0,841	3,222
	3	0,796	-1,163	1,516
	4	0,796	-0,959	1,249
	5	0,370	-1,629	0,606
	6	0,845	-0,973	1,188
	7	0,270	-1,707	0,478
	8	0,167	-1,860	0,322
	10	0,976	-1,891	1,833
	0 is ref	0,500	-0,652	1,335
	10	1	0,919	-3,600	3,246
2		0,040	0,089	4,032
3		0,841	-1,803	2,214
4		0,854	-1,683	2,032
5		0,612	-2,346	1,381
6		0,884	-1,704	1,977
7		0,534	-2,431	1,261
8		0,433	-2,593	1,112
9		0,976	-1,833	1,891
0 is ref		0,685	-1,422	2,164

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
0 is ref	1	-0,548	1,545	12835,662
	2	1,690*	0,441	11859,502
	3	-0,165	0,471	12541,536
	4	-0,196	0,265	12984,566
	5	-0,853*	0,277	12217,330
	6	-0,234	0,271	12813,243
	7	-0,956*	0,316	12347,516
	8	-1,111*	0,376	12931,492
	9	-0,342	0,507	13044
	10	-0,371	0,915	12998,445

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
0 is ref	1	0,723	-3,576	2,480
	2	<0,001	0,826	2,554
	3	0,726	-1,088	0,757
	4	0,458	-0,716	0,323
	5	0,002	-1,396	-0,310
	6	0,388	-0,766	0,298
	7	0,003	-1,576	-0,336
	8	0,003	-1,848	-0,374
	9	0,500	-1,335	0,652
	10	0,685	-2,164	1,422

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: ObesityRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
10	0,000	3,877	0,000

The F tests the effect of Heidehoogveenenstuifzand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: ObesityRIVM.

>Error # 90. Command name: MIXED

>Unexpected exception occurred.
 >Execution of this command stops.

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
 The time now is 12:16:09.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
	Random Effects	Intercept	1	Identity	1
Residual				1
Total		37		31

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
	Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: ObesityRIVM.

Information Criteria^a

-2 Log Likelihood	76236,248
Akaike's Information Criterion (AIC)	76298,248
Hurvich and Tsai's Criterion (AICC)	76298,400
Bozdogan's Criterion (CAIC)	76561,075
Schwarz's Bayesian Criterion (BIC)	76530,075

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: ObesityRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,099
	Conditional	0,416

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	8341,709	5435,592	0,000
SmokingRIVM	1	13016,448	1232,997	<0,001
Heidehoogveenstuifzand	10	12817,400	3,877	<0,001
Openagrarischgebied	3	12495,905	19,559	<0,001
strand	3	13007,409	4,692	0,003
Halfopenengeslotenagrarischgebied	2	12749,970	10,041	<0,001
Duinen	4	11187,007	8,302	<0,001
Bossen	3	12662,005	11,553	<0,001
Moeras	2	12431,074	18,503	<0,001

a. Dependent Variable: ObesityRIVM.

Type III Estimable Functions

Intercept

L1

Fixed Effects		L1
Intercept		1
SmokingRIVM		0
[Heidehoogveenenstuifzand=1]		0,091
[Heidehoogveenenstuifzand=2]		0,091
[Heidehoogveenenstuifzand=3]		0,091
[Heidehoogveenenstuifzand=4]		0,091
[Heidehoogveenenstuifzand=5]		0,091
[Heidehoogveenenstuifzand=6]		0,091
[Heidehoogveenenstuifzand=7]		0,091
[Heidehoogveenenstuifzand=8]		0,091
[Heidehoogveenenstuifzand=9]		0,091
[Heidehoogveenenstuifzand=10]		0,091
[Heidehoogveenenstuifzand=11]		0,091
[Openagrarischgebied=1]		0,250
[Openagrarischgebied=2]		0,250
[Openagrarischgebied=3]		0,250
[Openagrarischgebied=4]		0,250
[strand=1]		0,250
[strand=2]		0,250
[strand=3]		0,250
[strand=4]		0,250
[Halfopenengeslotenagrarischgebied=1]		0,333
[Halfopenengeslotenagrarischgebied=2]		0,333
[Halfopenengeslotenagrarischgebied=3]		0,333
[Duinen=1]		0,200
[Duinen=2]		0,200
[Duinen=3]		0,200
[Duinen=4]		0,200
[Duinen=5]		0,200
[Bossen=1]		0,250
[Bossen=2]		0,250
[Bossen=3]		0,250

Intercept

L1

[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects	Intercept	0
	SmokingRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0

SmokingRIVM

L2

[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L3	L4	L5	L6	L7
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0
	[Openagrarischedgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L8	L9	L10	L11	L12
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L3	L4	L5	L6	L7
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L8	L9	L10	L11	L12
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L14	L15	L16
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0
	[Bossen=3]	0	0	0

Open agrarisch gebied

	L14	L15	L16
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L18	L19	L20
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0
[Open agrarisch gebied=1]	0	0	0
[Open agrarisch gebied=2]	0	0	0
[Open agrarisch gebied=3]	0	0	0
[Open agrarisch gebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengsloten agrarisch gebied=1]	0	0	0
[Halfopenengsloten agrarisch gebied=2]	0	0	0
[Halfopenengsloten agrarisch gebied=3]	0	0	0
[Duinen=1]	0	0	0

strand

	L18	L19	L20
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L25	L26	L27	L28
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0

Duinen

	L25	L26	L27	L28
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L30	L31	L32
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0
	[Bossen=3]	0	0	1

Bossen

	L30	L31	L32
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L34	L35
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0
[Halfopenengeslotenagrarischedgebied=3]	0	0
[Duinen=1]	0	0

Moeras

	L34	L35
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	44,733034	0,274498	1779,074	162,963	0,000
SmokingRIVM	0,343079	0,009770	13016,448	35,114	<0,001
[Heidehoogveenestuifzand =1]	0,548064	1,544575	12835,662	0,355	0,723
[Heidehoogveenestuifzand =2]	-1,689697	0,440779	11859,502	-3,833	<0,001
[Heidehoogveenestuifzand =3]	0,165131	0,470648	12541,536	0,351	0,726
[Heidehoogveenestuifzand =4]	0,196483	0,264895	12984,566	0,742	0,458
[Heidehoogveenestuifzand =5]	0,853092	0,277033	12217,330	3,079	0,002
[Heidehoogveenestuifzand =6]	0,234235	0,271344	12813,243	0,863	0,388
[Heidehoogveenestuifzand =7]	0,955942	0,316428	12347,516	3,021	0,003
[Heidehoogveenestuifzand =8]	1,111086	0,376042	12931,492	2,955	0,003
[Heidehoogveenestuifzand =9]	0,341775	0,506816	13044	0,674	0,500
[Heidehoogveenestuifzand =10]	0,370791	0,914654	12998,445	0,405	0,685
[Heidehoogveenestuifzand =11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	0,920938	0,132705	11849,267	6,940	<0,001
[Openagrarischgebied=2]	1,144305	0,180119	11402,100	6,353	<0,001
[Openagrarischgebied=3]	1,167600	0,277835	12537,573	4,202	<0,001
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	1,505854	0,591564	13044	2,546	0,011

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	44,194662	45,271406
SmokingRIVM	0,323927	0,362230
[Heidehoogveenenstuifzand=1]	-2,479532	3,575661
[Heidehoogveenenstuifzand=2]	-2,553697	-0,825697
[Heidehoogveenenstuifzand=3]	-0,757411	1,087672
[Heidehoogveenenstuifzand=4]	-0,322750	0,715716
[Heidehoogveenenstuifzand=5]	0,310063	1,396120
[Heidehoogveenenstuifzand=6]	-0,297640	0,766110
[Heidehoogveenenstuifzand=7]	0,335695	1,576190
[Heidehoogveenenstuifzand=8]	0,373988	1,848185
[Heidehoogveenenstuifzand=9]	-0,651659	1,335208
[Heidehoogveenenstuifzand=10]	-1,422065	2,163647
[Heidehoogveenenstuifzand=11]	.	.
[Openagrarischedgebied=1]	0,660813	1,181062
[Openagrarischedgebied=2]	0,791242	1,497369
[Openagrarischedgebied=3]	0,623001	1,712198
[Openagrarischedgebied=4]	.	.
[strand=1]	0,346302	2,665405

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[strand=2]	1,021424	0,645048	13044	1,583	0,113
[strand=3]	1,375262	0,496580	12948,207	2,769	0,006
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisch hgebied=1]	0,529085	0,119689	12579,493	4,420	<0,001
[Halfopenengeslotenagrarisch hgebied=2]	-0,417247	0,990890	12921,393	-0,421	0,674
[Halfopenengeslotenagrarisch hgebied=3]	0 ^b	0	.	.	.
[Duinen=1]	0,023315	0,513335	12317,305	0,045	0,964
[Duinen=2]	-2,354047	0,424413	10575,353	-5,547	<0,001
[Duinen=3]	-1,889685	0,838283	12323,334	-2,254	0,024
[Duinen=4]	-1,589001	1,542500	9234,755	-1,030	0,303
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	-0,594163	0,126549	12706,695	-4,695	<0,001
[Bossen=2]	-0,643392	0,181345	12663,406	-3,548	<0,001
[Bossen=3]	-1,290235	0,264636	12547,396	-4,876	<0,001
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,063269	0,353757	12456,019	-0,179	0,858
[Moeras=2]	0,720260	0,119412	12413,301	6,032	<0,001
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[strand=2]	-0,242964	2,285812
[strand=3]	0,401893	2,348631
[strand=4]	.	.
[Halfopenengeslotenagrarisc hgebied=1]	0,294475	0,763694
[Halfopenengeslotenagrarisc hgebied=2]	-2,359538	1,525045
[Halfopenengeslotenagrarisc hgebied=3]	.	.
[Duinen=1]	-0,982903	1,029532
[Duinen=2]	-3,185977	-1,522117
[Duinen=3]	-3,532850	-0,246520
[Duinen=4]	-4,612641	1,434639
[Duinen=5]	.	.
[Bossen=1]	-0,842218	-0,346108
[Bossen=2]	-0,998855	-0,287929
[Bossen=3]	-1,808962	-0,771507
[Bossen=4]	.	.
[Moeras=1]	-0,756688	0,630150
[Moeras=2]	0,486193	0,954327
[Moeras=3]	.	.

a. Dependent Variable: ObesityRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual	18,516282	0,232198	79,743	0,000	18,066729
Intercept [subject = MunicipalityRIVM]	Variance 10,058773	0,824039	12,207	<0,001	8,566680

Estimates of Covariance Parameters^a

Parameter	95% ... Upper Bound
Residual	18,977020
Intercept [subject = MunicipalityRIVM]	Variance 11,810750

a. Dependent Variable: ObesityRIVM.

Estimated Marginal Means

Openagrarischgebied

Contrast Coefficients

Parameter	Openagrarischgebied			
	1	2	3	0 is ref
Fixed Effects Intercept	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461
[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091
[Openagrarischgebied=1]	1	0	0	0
[Openagrarischgebied=2]	0	1	0	0
[Openagrarischgebied=3]	0	0	1	0
[Openagrarischgebied=4]	0	0	0	1
[strand=1]	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250
[Halfopenengeslotenagrarisc hgebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisc hgebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisc hgebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200

Contrast Coefficients

Parameter	Openagrarischgebied			
	1	2	3	0 is ref
[Bossen=1]	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

Openagrarischgebied	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	51,020 ^b	0,604	8014,959	49,837	52,203
2	51,243 ^b	0,613	8215,815	50,042	52,445
3	51,267 ^b	0,628	8461,442	50,036	52,497
0 is ref	50,099 ^b	0,610	7990,360	48,903	51,295

a. Dependent Variable: ObesityRIVM.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461.

Pairwise Comparisons^a

(I) Openagrarischgebied	(J) Openagrarischgebied	Mean Difference (I-J)	Std. Error	df
1	2	-0,223	0,157	12693,417
	3	-0,247	0,262	12930,908
	0 is ref	0,921 [*]	0,133	11849,267
2	1	0,223	0,157	12693,417
	3	-0,023	0,249	13044
	0 is ref	1,144 [*]	0,180	11402,100
3	1	0,247	0,262	12930,908
	2	0,023	0,249	13044
	0 is ref	1,168 [*]	0,278	12537,573
0 is ref	1	-0,921 [*]	0,133	11849,267
	2	-1,144 [*]	0,180	11402,100
	3	-1,168 [*]	0,278	12537,573

Pairwise Comparisons^a

(I) Openagrarisches Gebiet	(J) Openagrarisches Gebiet	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,155	-0,531	0,084
	3	0,347	-0,761	0,268
	0 is ref	<0,001	0,661	1,181
2	1	0,155	-0,084	0,531
	3	0,925	-0,511	0,465
	0 is ref	<0,001	0,791	1,497
3	1	0,347	-0,268	0,761
	2	0,925	-0,465	0,511
	0 is ref	<0,001	0,623	1,712
0 is ref	1	<0,001	-1,181	-0,661
	2	<0,001	-1,497	-0,791
	3	<0,001	-1,712	-0,623

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: ObesityRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	12383,823	19,559	<0,001

The F tests the effect of Openagrarisches Gebiet. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: ObesityRIVM.

>Error # 90. Command name: MIXED

>Unexpected exception occurred.

>Execution of this command stops.

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:16:11.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		37		31

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: ObesityRIVM.

Information Criteria^a

-2 Log Likelihood	76236,248
Akaike's Information Criterion (AIC)	76298,248
Hurvich and Tsai's Criterion (AICC)	76298,400
Bozdogan's Criterion (CAIC)	76561,075
Schwarz's Bayesian Criterion (BIC)	76530,075

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: ObesityRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,099
	Conditional	0,416

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	8341,709	5435,592	0,000
SmokingRIVM	1	13016,448	1232,997	<0,001
Heidehoogveenstuifzand	10	12817,400	3,877	<0,001
Openagrarischngebied	3	12495,905	19,559	<0,001
strand	3	13007,409	4,692	0,003
Halfopenengeslotenagrarischngebied	2	12749,970	10,041	<0,001
Duinen	4	11187,007	8,302	<0,001
Bossen	3	12662,005	11,553	<0,001
Moeras	2	12431,074	18,503	<0,001

a. Dependent Variable: ObesityRIVM.

Type III Estimable Functions

Intercept

L1

Fixed Effects		L1
Intercept		1
SmokingRIVM		0
[Heidehoogveenenstuifzand=1]		0,091
[Heidehoogveenenstuifzand=2]		0,091
[Heidehoogveenenstuifzand=3]		0,091
[Heidehoogveenenstuifzand=4]		0,091
[Heidehoogveenenstuifzand=5]		0,091
[Heidehoogveenenstuifzand=6]		0,091
[Heidehoogveenenstuifzand=7]		0,091
[Heidehoogveenenstuifzand=8]		0,091
[Heidehoogveenenstuifzand=9]		0,091
[Heidehoogveenenstuifzand=10]		0,091
[Heidehoogveenenstuifzand=11]		0,091
[Openagrarisched gebied=1]		0,250
[Openagrarisched gebied=2]		0,250
[Openagrarisched gebied=3]		0,250
[Openagrarisched gebied=4]		0,250
[strand=1]		0,250
[strand=2]		0,250
[strand=3]		0,250
[strand=4]		0,250
[Halfopenengesloten agrarisch gebied=1]		0,333
[Halfopenengesloten agrarisch gebied=2]		0,333
[Halfopenengesloten agrarisch gebied=3]		0,333
[Duinen=1]		0,200
[Duinen=2]		0,200
[Duinen=3]		0,200
[Duinen=4]		0,200
[Duinen=5]		0,200
[Bossen=1]		0,250
[Bossen=2]		0,250
[Bossen=3]		0,250

Intercept

L1

[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects	Intercept	0
	SmokingRIVM	1
	[Heidehoogveenenstuifzand =1]	0
	[Heidehoogveenenstuifzand =2]	0
	[Heidehoogveenenstuifzand =3]	0
	[Heidehoogveenenstuifzand =4]	0
	[Heidehoogveenenstuifzand =5]	0
	[Heidehoogveenenstuifzand =6]	0
	[Heidehoogveenenstuifzand =7]	0
	[Heidehoogveenenstuifzand =8]	0
	[Heidehoogveenenstuifzand =9]	0
	[Heidehoogveenenstuifzand =10]	0
	[Heidehoogveenenstuifzand =11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0

SmokingRIVM

L2

[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L3	L4	L5	L6	L7
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0
	[Openagrarischedgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L8	L9	L10	L11	L12
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L3	L4	L5	L6	L7
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L8	L9	L10	L11	L12
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L14	L15	L16
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0
	[Bossen=3]	0	0	0

Open agrarisch gebied

	L14	L15	L16
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L18	L19	L20
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0
[Open agrarisch gebied=1]	0	0	0
[Open agrarisch gebied=2]	0	0	0
[Open agrarisch gebied=3]	0	0	0
[Open agrarisch gebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengsloten agrarisch gebied=1]	0	0	0
[Halfopenengsloten agrarisch gebied=2]	0	0	0
[Halfopenengsloten agrarisch gebied=3]	0	0	0
[Duinen=1]	0	0	0

strand

	L18	L19	L20
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L25	L26	L27	L28
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0

Duinen

	L25	L26	L27	L28
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L30	L31	L32
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0
	[Bossen=3]	0	0	1

Bossen

	L30	L31	L32
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L34	L35
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0
[Halfopenengeslotenagrarischedgebied=3]	0	0
[Duinen=1]	0	0

Moeras

	L34	L35
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	44,733034	0,274498	1779,074	162,963	0,000
SmokingRIVM	0,343079	0,009770	13016,448	35,114	<0,001
[Heidehoogveenestuifzand =1]	0,548064	1,544575	12835,662	0,355	0,723
[Heidehoogveenestuifzand =2]	-1,689697	0,440779	11859,502	-3,833	<0,001
[Heidehoogveenestuifzand =3]	0,165131	0,470648	12541,536	0,351	0,726
[Heidehoogveenestuifzand =4]	0,196483	0,264895	12984,566	0,742	0,458
[Heidehoogveenestuifzand =5]	0,853092	0,277033	12217,330	3,079	0,002
[Heidehoogveenestuifzand =6]	0,234235	0,271344	12813,243	0,863	0,388
[Heidehoogveenestuifzand =7]	0,955942	0,316428	12347,516	3,021	0,003
[Heidehoogveenestuifzand =8]	1,111086	0,376042	12931,492	2,955	0,003
[Heidehoogveenestuifzand =9]	0,341775	0,506816	13044	0,674	0,500
[Heidehoogveenestuifzand =10]	0,370791	0,914654	12998,445	0,405	0,685
[Heidehoogveenestuifzand =11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	0,920938	0,132705	11849,267	6,940	<0,001
[Openagrarischgebied=2]	1,144305	0,180119	11402,100	6,353	<0,001
[Openagrarischgebied=3]	1,167600	0,277835	12537,573	4,202	<0,001
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	1,505854	0,591564	13044	2,546	0,011

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	44,194662	45,271406
SmokingRIVM	0,323927	0,362230
[Heidehoogveenenstuifzand=1]	-2,479532	3,575661
[Heidehoogveenenstuifzand=2]	-2,553697	-0,825697
[Heidehoogveenenstuifzand=3]	-0,757411	1,087672
[Heidehoogveenenstuifzand=4]	-0,322750	0,715716
[Heidehoogveenenstuifzand=5]	0,310063	1,396120
[Heidehoogveenenstuifzand=6]	-0,297640	0,766110
[Heidehoogveenenstuifzand=7]	0,335695	1,576190
[Heidehoogveenenstuifzand=8]	0,373988	1,848185
[Heidehoogveenenstuifzand=9]	-0,651659	1,335208
[Heidehoogveenenstuifzand=10]	-1,422065	2,163647
[Heidehoogveenenstuifzand=11]	.	.
[Openagrarischgebied=1]	0,660813	1,181062
[Openagrarischgebied=2]	0,791242	1,497369
[Openagrarischgebied=3]	0,623001	1,712198
[Openagrarischgebied=4]	.	.
[strand=1]	0,346302	2,665405

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[strand=2]	1,021424	0,645048	13044	1,583	0,113
[strand=3]	1,375262	0,496580	12948,207	2,769	0,006
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagraris hgebied=1]	0,529085	0,119689	12579,493	4,420	<0,001
[Halfopenengeslotenagraris hgebied=2]	-0,417247	0,990890	12921,393	-0,421	0,674
[Halfopenengeslotenagraris hgebied=3]	0 ^b	0	.	.	.
[Duinen=1]	0,023315	0,513335	12317,305	0,045	0,964
[Duinen=2]	-2,354047	0,424413	10575,353	-5,547	<0,001
[Duinen=3]	-1,889685	0,838283	12323,334	-2,254	0,024
[Duinen=4]	-1,589001	1,542500	9234,755	-1,030	0,303
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	-0,594163	0,126549	12706,695	-4,695	<0,001
[Bossen=2]	-0,643392	0,181345	12663,406	-3,548	<0,001
[Bossen=3]	-1,290235	0,264636	12547,396	-4,876	<0,001
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,063269	0,353757	12456,019	-0,179	0,858
[Moeras=2]	0,720260	0,119412	12413,301	6,032	<0,001
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[strand=2]	-0,242964	2,285812
[strand=3]	0,401893	2,348631
[strand=4]	.	.
[Halfopenengeslotenagrarisc hgebied=1]	0,294475	0,763694
[Halfopenengeslotenagrarisc hgebied=2]	-2,359538	1,525045
[Halfopenengeslotenagrarisc hgebied=3]	.	.
[Duinen=1]	-0,982903	1,029532
[Duinen=2]	-3,185977	-1,522117
[Duinen=3]	-3,532850	-0,246520
[Duinen=4]	-4,612641	1,434639
[Duinen=5]	.	.
[Bossen=1]	-0,842218	-0,346108
[Bossen=2]	-0,998855	-0,287929
[Bossen=3]	-1,808962	-0,771507
[Bossen=4]	.	.
[Moeras=1]	-0,756688	0,630150
[Moeras=2]	0,486193	0,954327
[Moeras=3]	.	.

a. Dependent Variable: ObesityRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual	18,516282	0,232198	79,743	0,000	18,066729
Intercept [subject = MunicipalityRIVM]	Variance 10,058773	0,824039	12,207	<0,001	8,566680

Estimates of Covariance Parameters^a

Parameter	95% ... Upper Bound
Residual	18,977020
Intercept [subject = MunicipalityRIVM]	Variance 11,810750

a. Dependent Variable: ObesityRIVM.

Estimated Marginal Means

strand

Contrast Coefficients

Parameter	strand			
	1	2	3	0 is ref
Fixed Effects Intercept	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461
[Heidehoogveenenstuifzand=1]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=2]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=3]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=4]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=5]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=6]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=7]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=8]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=9]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=10]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=11]	0,091	0,091	0,091	0,091
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250
[strand=1]	1	0	0	0
[strand=2]	0	1	0	0
[strand=3]	0	0	1	0
[strand=4]	0	0	0	1
[Halfopenengeslotenagrarischgebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200

Contrast Coefficients

Parameter	strand			
	1	2	3	0 is ref
[Bossen=1]	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

strand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	51,437 ^b	0,829	11283,358	49,812	53,063
2	50,953 ^b	0,778	9879,177	49,427	52,479
3	51,307 ^b	0,689	9773,599	49,956	52,657
0 is ref	49,932 ^b	0,610	8059,424	48,737	51,127

a. Dependent Variable: ObesityRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461.

Pairwise Comparisons^a

(I) strand	(J) strand	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for C...
						Lower Bound
1	2	0,484	0,829	13044	0,559	-1,140
	3	0,131	0,743	13044	0,861	-1,326
	0 is ref	1,506 [*]	0,592	13044	0,011	0,346
2	1	-0,484	0,829	13044	0,559	-2,108
	3	-0,354	0,751	12954,717	0,638	-1,826
	0 is ref	1,021	0,645	13044	0,113	-0,243
3	1	-0,131	0,743	13044	0,861	-1,587
	2	0,354	0,751	12954,717	0,638	-1,119
	0 is ref	1,375 [*]	0,497	12948,207	0,006	0,402
0 is ref	1	-1,506 [*]	0,592	13044	0,011	-2,665
	2	-1,021	0,645	13044	0,113	-2,286
	3	-1,375 [*]	0,497	12948,207	0,006	-2,349

Pairwise Comparisons^a

(I) strand	(J) strand	95% Confidence Interval for $\bar{C}_{..}$
		Upper Bound
1	2	2,108
	3	1,587
	0 is ref	2,665
2	1	1,140
	3	1,119
	0 is ref	2,286
3	1	1,326
	2	1,826
	0 is ref	2,349
0 is ref	1	-0,346
	2	0,243
	3	-0,402

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: ObesityRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	13016,953	4,692	0,003

The F tests the effect of strand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: ObesityRIVM.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		37		31

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: ObesityRIVM.

Information Criteria^a

-2 Log Likelihood	76236,248
Akaike's Information Criterion (AIC)	76298,248
Hurvich and Tsai's Criterion (AICC)	76298,400
Bozdogan's Criterion (CAIC)	76561,075
Schwarz's Bayesian Criterion (BIC)	76530,075

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: ObesityRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,099
	Conditional	0,416

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	8341,709	5435,592	0,000
SmokingRIVM	1	13016,448	1232,997	<0,001
Heidehoogveenestuifzand	10	12817,400	3,877	<0,001
Openagrarischgebied	3	12495,905	19,559	<0,001
strand	3	13007,409	4,692	0,003
Halfopenengeslotenagrarischgebied	2	12749,970	10,041	<0,001
Duinen	4	11187,007	8,302	<0,001
Bossen	3	12662,005	11,553	<0,001
Moeras	2	12431,074	18,503	<0,001

a. Dependent Variable: ObesityRIVM.

Type III Estimable Functions

Intercept

L1

Fixed Effects		L1
Intercept		1
SmokingRIVM		0
[Heidehoogveenenstuifzand=1]		0,091
[Heidehoogveenenstuifzand=2]		0,091
[Heidehoogveenenstuifzand=3]		0,091
[Heidehoogveenenstuifzand=4]		0,091
[Heidehoogveenenstuifzand=5]		0,091
[Heidehoogveenenstuifzand=6]		0,091
[Heidehoogveenenstuifzand=7]		0,091
[Heidehoogveenenstuifzand=8]		0,091
[Heidehoogveenenstuifzand=9]		0,091
[Heidehoogveenenstuifzand=10]		0,091
[Heidehoogveenenstuifzand=11]		0,091
[Openagrarischgebied=1]		0,250
[Openagrarischgebied=2]		0,250
[Openagrarischgebied=3]		0,250
[Openagrarischgebied=4]		0,250
[strand=1]		0,250
[strand=2]		0,250
[strand=3]		0,250
[strand=4]		0,250
[Halfopenengeslotenagrarischgebied=1]		0,333
[Halfopenengeslotenagrarischgebied=2]		0,333
[Halfopenengeslotenagrarischgebied=3]		0,333
[Duinen=1]		0,200
[Duinen=2]		0,200
[Duinen=3]		0,200
[Duinen=4]		0,200
[Duinen=5]		0,200
[Bossen=1]		0,250
[Bossen=2]		0,250
[Bossen=3]		0,250

Intercept

L1

[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
Intercept		0
SmokingRIVM		1
[Heidehoogveenestuifzand=1]		0
[Heidehoogveenestuifzand=2]		0
[Heidehoogveenestuifzand=3]		0
[Heidehoogveenestuifzand=4]		0
[Heidehoogveenestuifzand=5]		0
[Heidehoogveenestuifzand=6]		0
[Heidehoogveenestuifzand=7]		0
[Heidehoogveenestuifzand=8]		0
[Heidehoogveenestuifzand=9]		0
[Heidehoogveenestuifzand=10]		0
[Heidehoogveenestuifzand=11]		0
[Openagrarischedgebied=1]		0
[Openagrarischedgebied=2]		0
[Openagrarischedgebied=3]		0
[Openagrarischedgebied=4]		0
[strand=1]		0
[strand=2]		0
[strand=3]		0
[strand=4]		0
[Halfopenengeslotenagrarischedgebied=1]		0
[Halfopenengeslotenagrarischedgebied=2]		0
[Halfopenengeslotenagrarischedgebied=3]		0
[Duinen=1]		0

SmokingRIVM

L2

[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L3	L4	L5	L6	L7
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0
	[Openagrarischedgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L8	L9	L10	L11	L12
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L3	L4	L5	L6	L7
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L8	L9	L10	L11	L12
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L14	L15	L16
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0
	[Bossen=3]	0	0	0

Open agrarisch gebied

	L14	L15	L16
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L18	L19	L20
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0
[Open agrarisch gebied=1]	0	0	0
[Open agrarisch gebied=2]	0	0	0
[Open agrarisch gebied=3]	0	0	0
[Open agrarisch gebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengsloten agrarisch gebied=1]	0	0	0
[Halfopenengsloten agrarisch gebied=2]	0	0	0
[Halfopenengsloten agrarisch gebied=3]	0	0	0
[Duinen=1]	0	0	0

strand

	L18	L19	L20
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L25	L26	L27	L28
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0

Duinen

	L25	L26	L27	L28
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L30	L31	L32
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0
	[Bossen=3]	0	0	1

Bossen

	L30	L31	L32
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L34	L35
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0
[Halfopenengeslotenagrarischedgebied=3]	0	0
[Duinen=1]	0	0

Moeras

	L34	L35
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	44,733034	0,274498	1779,074	162,963	0,000
SmokingRIVM	0,343079	0,009770	13016,448	35,114	<0,001
[Heidehoogveenestuifzand=1]	0,548064	1,544575	12835,662	0,355	0,723
[Heidehoogveenestuifzand=2]	-1,689697	0,440779	11859,502	-3,833	<0,001
[Heidehoogveenestuifzand=3]	0,165131	0,470648	12541,536	0,351	0,726
[Heidehoogveenestuifzand=4]	0,196483	0,264895	12984,566	0,742	0,458
[Heidehoogveenestuifzand=5]	0,853092	0,277033	12217,330	3,079	0,002
[Heidehoogveenestuifzand=6]	0,234235	0,271344	12813,243	0,863	0,388
[Heidehoogveenestuifzand=7]	0,955942	0,316428	12347,516	3,021	0,003
[Heidehoogveenestuifzand=8]	1,111086	0,376042	12931,492	2,955	0,003
[Heidehoogveenestuifzand=9]	0,341775	0,506816	13044	0,674	0,500
[Heidehoogveenestuifzand=10]	0,370791	0,914654	12998,445	0,405	0,685
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	0,920938	0,132705	11849,267	6,940	<0,001
[Openagrarischgebied=2]	1,144305	0,180119	11402,100	6,353	<0,001
[Openagrarischgebied=3]	1,167600	0,277835	12537,573	4,202	<0,001
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	1,505854	0,591564	13044	2,546	0,011

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	44,194662	45,271406
SmokingRIVM	0,323927	0,362230
[Heidehoogveenenstuifzand=1]	-2,479532	3,575661
[Heidehoogveenenstuifzand=2]	-2,553697	-0,825697
[Heidehoogveenenstuifzand=3]	-0,757411	1,087672
[Heidehoogveenenstuifzand=4]	-0,322750	0,715716
[Heidehoogveenenstuifzand=5]	0,310063	1,396120
[Heidehoogveenenstuifzand=6]	-0,297640	0,766110
[Heidehoogveenenstuifzand=7]	0,335695	1,576190
[Heidehoogveenenstuifzand=8]	0,373988	1,848185
[Heidehoogveenenstuifzand=9]	-0,651659	1,335208
[Heidehoogveenenstuifzand=10]	-1,422065	2,163647
[Heidehoogveenenstuifzand=11]	.	.
[Openagrarischgebied=1]	0,660813	1,181062
[Openagrarischgebied=2]	0,791242	1,497369
[Openagrarischgebied=3]	0,623001	1,712198
[Openagrarischgebied=4]	.	.
[strand=1]	0,346302	2,665405

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[strand=2]	1,021424	0,645048	13044	1,583	0,113
[strand=3]	1,375262	0,496580	12948,207	2,769	0,006
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisch gebied=1]	0,529085	0,119689	12579,493	4,420	<0,001
[Halfopenengeslotenagrarisch gebied=2]	-0,417247	0,990890	12921,393	-0,421	0,674
[Halfopenengeslotenagrarisch gebied=3]	0 ^b	0	.	.	.
[Duinen=1]	0,023315	0,513335	12317,305	0,045	0,964
[Duinen=2]	-2,354047	0,424413	10575,353	-5,547	<0,001
[Duinen=3]	-1,889685	0,838283	12323,334	-2,254	0,024
[Duinen=4]	-1,589001	1,542500	9234,755	-1,030	0,303
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	-0,594163	0,126549	12706,695	-4,695	<0,001
[Bossen=2]	-0,643392	0,181345	12663,406	-3,548	<0,001
[Bossen=3]	-1,290235	0,264636	12547,396	-4,876	<0,001
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,063269	0,353757	12456,019	-0,179	0,858
[Moeras=2]	0,720260	0,119412	12413,301	6,032	<0,001
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[strand=2]	-0,242964	2,285812
[strand=3]	0,401893	2,348631
[strand=4]	.	.
[Halfopenengeslotenagrarisc hgebied=1]	0,294475	0,763694
[Halfopenengeslotenagrarisc hgebied=2]	-2,359538	1,525045
[Halfopenengeslotenagrarisc hgebied=3]	.	.
[Duinen=1]	-0,982903	1,029532
[Duinen=2]	-3,185977	-1,522117
[Duinen=3]	-3,532850	-0,246520
[Duinen=4]	-4,612641	1,434639
[Duinen=5]	.	.
[Bossen=1]	-0,842218	-0,346108
[Bossen=2]	-0,998855	-0,287929
[Bossen=3]	-1,808962	-0,771507
[Bossen=4]	.	.
[Moeras=1]	-0,756688	0,630150
[Moeras=2]	0,486193	0,954327
[Moeras=3]	.	.

a. Dependent Variable: ObesityRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual	18,516282	0,232198	79,743	0,000	18,066729
Intercept [subject = MunicipalityRIVM]	Variance 10,058773	0,824039	12,207	<0,001	8,566680

Estimates of Covariance Parameters^a

Parameter	95% ... Upper Bound
Residual	18,977020
Intercept [subject = MunicipalityRIVM]	Variance 11,810750

a. Dependent Variable: ObesityRIVM.

Estimated Marginal Means

Halfopenengeslotenagrarischgebied

Contrast Coefficients

Parameter		Halfopenengeslotenagrarischgebied		
		1	2	0 is ref
Fixed Effects	Intercept	1	1	1
	SmokingRIVM	16,461	16,461	16,461
	[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091
	[Openagrarischgebied=1]	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250
	[strand=3]	0,250	0,250	0,250
	[strand=4]	0,250	0,250	0,250
	[Halfopenengeslotenagrarisc hgebied=1]	1	0	0
	[Halfopenengeslotenagrarisc hgebied=2]	0	1	0
	[Halfopenengeslotenagrarisc hgebied=3]	0	0	1
	[Duinen=1]	0,200	0,200	0,200
	[Duinen=2]	0,200	0,200	0,200
	[Duinen=3]	0,200	0,200	0,200
	[Duinen=4]	0,200	0,200	0,200
	[Duinen=5]	0,200	0,200	0,200

Contrast Coefficients

Parameter	Halfopenengeslotenagrarischgebied		
	1	2	0 is ref
[Bossen=1]	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333

Estimates^a

Halfopenengeslotenagrarischgebied	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	51,399 ^b	0,499	5339,813	50,420	52,378
2	50,453 ^b	1,112	12753,693	48,274	52,632
0 is ref	50,870 ^b	0,500	5346,562	49,890	51,850

a. Dependent Variable: ObesityRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461.

Pairwise Comparisons^a

(I) Halfopenengeslotenagrarischgebied	(J) Halfopenengeslotenagrarischgebied	Mean Difference (I-J)	Std. Error	df
1	2	0,946	0,990	12923,281
	0 is ref	0,529 [*]	0,120	12579,493
2	1	-0,946	0,990	12923,281
	0 is ref	-0,417	0,991	12921,393
0 is ref	1	-0,529 [*]	0,120	12579,493
	2	0,417	0,991	12921,393

Pairwise Comparisons^a

(I) Halfopenengeslotenagrarischgebied	(J) Halfopenengeslotenagrarischgebied	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,339	-0,994	2,886
	0 is ref	<0,001	0,294	0,764
2	1	0,339	-2,886	0,994
	0 is ref	0,674	-2,360	1,525
0 is ref	1	<0,001	-0,764	-0,294
	2	0,674	-1,525	2,360

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: ObesityRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
2	12752,560	10,041	<0,001

The F tests the effect of Halfopenengeslotenagrarischngebieb. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: ObesityRIVM.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischngebieb	4		3
	strand	4		3
	Halfopenengeslotenagrarischngebieb	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		37		31

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: ObesityRIVM.

Information Criteria^a

-2 Log Likelihood	76236,248
Akaike's Information Criterion (AIC)	76298,248
Hurvich and Tsai's Criterion (AICC)	76298,400
Bozdogan's Criterion (CAIC)	76561,075
Schwarz's Bayesian Criterion (BIC)	76530,075

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: ObesityRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,099
	Conditional	0,416

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	8341,709	5435,592	0,000
SmokingRIVM	1	13016,448	1232,997	<0,001
Heidehoogveenenstuifzand	10	12817,400	3,877	<0,001
Openagrarischgebied	3	12495,905	19,559	<0,001
strand	3	13007,409	4,692	0,003
Halfopenengeslotenagrarischgebied	2	12749,970	10,041	<0,001
Duinen	4	11187,007	8,302	<0,001
Bossen	3	12662,005	11,553	<0,001
Moeras	2	12431,074	18,503	<0,001

a. Dependent Variable: ObesityRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	[Heidehoogveenenstuifzand=1]	0,091
	[Heidehoogveenenstuifzand=2]	0,091
	[Heidehoogveenenstuifzand=3]	0,091
	[Heidehoogveenenstuifzand=4]	0,091
	[Heidehoogveenenstuifzand=5]	0,091
	[Heidehoogveenenstuifzand=6]	0,091
	[Heidehoogveenenstuifzand=7]	0,091
	[Heidehoogveenenstuifzand=8]	0,091
	[Heidehoogveenenstuifzand=9]	0,091
	[Heidehoogveenenstuifzand=10]	0,091
	[Heidehoogveenenstuifzand=11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250
	[Openagrarischgebied=3]	0,250
	[Openagrarischgebied=4]	0,250

Intercept

	L1
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarisch hgebied=1]	0,333
[Halfopenengeslotenagrarisch hgebied=2]	0,333
[Halfopenengeslotenagrarisch hgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	[Heidehoogveenenstuifzand=1]	0
	[Heidehoogveenenstuifzand=2]	0
	[Heidehoogveenenstuifzand=3]	0
	[Heidehoogveenenstuifzand=4]	0
	[Heidehoogveenenstuifzand=5]	0
	[Heidehoogveenenstuifzand=6]	0
	[Heidehoogveenenstuifzand=7]	0
	[Heidehoogveenenstuifzand=8]	0
	[Heidehoogveenenstuifzand=9]	0
	[Heidehoogveenenstuifzand=10]	0
	[Heidehoogveenenstuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0
	[Openagrarischgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischgebied=1]	0
	[Halfopenengeslotenagrarischgebied=2]	0
	[Halfopenengeslotenagrarischgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0
	[Bossen=3]	0

SmokingRIVM

L2

[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenenstuifzand

		L3	L4	L5	L6	L7
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand=1]	1	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	1	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	1	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	1	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0	1
	[Heidehoogveenenstuifzand=6]	0	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0	0
	[Heidehoogveenenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0
	[Openagrarischedgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0

Heidehoogveenenstuifzand

		L8	L9	L10	L11	L12
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0
	[Openagrarischedgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0

Heidehoogveenenstuifzand

	L3	L4	L5	L6	L7
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L8	L9	L10	L11	L12
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L14	L15	L16
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0
	[Bossen=3]	0	0	0

Open agrarisch gebied

	L14	L15	L16
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L18	L19	L20
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Open agrarisch gebied=1]	0	0	0
[Open agrarisch gebied=2]	0	0	0
[Open agrarisch gebied=3]	0	0	0
[Open agrarisch gebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengsloten agrarisch gebied=1]	0	0	0
[Halfopenengsloten agrarisch gebied=2]	0	0	0
[Halfopenengsloten agrarisch gebied=3]	0	0	0
[Duinen=1]	0	0	0

strand

	L18	L19	L20
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischedgebied

	L22	L23
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L25	L26	L27	L28
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0

Duinen

	L25	L26	L27	L28
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L30	L31	L32
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0
	[Bossen=3]	0	0	1

Bossen

	L30	L31	L32
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L34	L35
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0

Moeras

	L34	L35
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	44,733034	0,274498	1779,074	162,963	0,000
SmokingRIVM	0,343079	0,009770	13016,448	35,114	<0,001
[Heidehoogveenestuifzand =1]	0,548064	1,544575	12835,662	0,355	0,723
[Heidehoogveenestuifzand =2]	-1,689697	0,440779	11859,502	-3,833	<0,001
[Heidehoogveenestuifzand =3]	0,165131	0,470648	12541,536	0,351	0,726
[Heidehoogveenestuifzand =4]	0,196483	0,264895	12984,566	0,742	0,458
[Heidehoogveenestuifzand =5]	0,853092	0,277033	12217,330	3,079	0,002
[Heidehoogveenestuifzand =6]	0,234235	0,271344	12813,243	0,863	0,388
[Heidehoogveenestuifzand =7]	0,955942	0,316428	12347,516	3,021	0,003
[Heidehoogveenestuifzand =8]	1,111086	0,376042	12931,492	2,955	0,003
[Heidehoogveenestuifzand =9]	0,341775	0,506816	13044	0,674	0,500
[Heidehoogveenestuifzand =10]	0,370791	0,914654	12998,445	0,405	0,685
[Heidehoogveenestuifzand =11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	0,920938	0,132705	11849,267	6,940	<0,001
[Openagrarischgebied=2]	1,144305	0,180119	11402,100	6,353	<0,001
[Openagrarischgebied=3]	1,167600	0,277835	12537,573	4,202	<0,001
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	1,505854	0,591564	13044	2,546	0,011

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	44,194662	45,271406
SmokingRIVM	0,323927	0,362230
[Heidehoogveenenstuifzand=1]	-2,479532	3,575661
[Heidehoogveenenstuifzand=2]	-2,553697	-0,825697
[Heidehoogveenenstuifzand=3]	-0,757411	1,087672
[Heidehoogveenenstuifzand=4]	-0,322750	0,715716
[Heidehoogveenenstuifzand=5]	0,310063	1,396120
[Heidehoogveenenstuifzand=6]	-0,297640	0,766110
[Heidehoogveenenstuifzand=7]	0,335695	1,576190
[Heidehoogveenenstuifzand=8]	0,373988	1,848185
[Heidehoogveenenstuifzand=9]	-0,651659	1,335208
[Heidehoogveenenstuifzand=10]	-1,422065	2,163647
[Heidehoogveenenstuifzand=11]	.	.
[Openagrarischgebied=1]	0,660813	1,181062
[Openagrarischgebied=2]	0,791242	1,497369
[Openagrarischgebied=3]	0,623001	1,712198
[Openagrarischgebied=4]	.	.
[strand=1]	0,346302	2,665405

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[strand=2]	1,021424	0,645048	13044	1,583	0,113
[strand=3]	1,375262	0,496580	12948,207	2,769	0,006
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisch gebied=1]	0,529085	0,119689	12579,493	4,420	<0,001
[Halfopenengeslotenagrarisch gebied=2]	-0,417247	0,990890	12921,393	-0,421	0,674
[Halfopenengeslotenagrarisch gebied=3]	0 ^b	0	.	.	.
[Duinen=1]	0,023315	0,513335	12317,305	0,045	0,964
[Duinen=2]	-2,354047	0,424413	10575,353	-5,547	<0,001
[Duinen=3]	-1,889685	0,838283	12323,334	-2,254	0,024
[Duinen=4]	-1,589001	1,542500	9234,755	-1,030	0,303
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	-0,594163	0,126549	12706,695	-4,695	<0,001
[Bossen=2]	-0,643392	0,181345	12663,406	-3,548	<0,001
[Bossen=3]	-1,290235	0,264636	12547,396	-4,876	<0,001
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,063269	0,353757	12456,019	-0,179	0,858
[Moeras=2]	0,720260	0,119412	12413,301	6,032	<0,001
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[strand=2]	-0,242964	2,285812
[strand=3]	0,401893	2,348631
[strand=4]	.	.
[Halfopenengeslotenagrarisc hgebied=1]	0,294475	0,763694
[Halfopenengeslotenagrarisc hgebied=2]	-2,359538	1,525045
[Halfopenengeslotenagrarisc hgebied=3]	.	.
[Duinen=1]	-0,982903	1,029532
[Duinen=2]	-3,185977	-1,522117
[Duinen=3]	-3,532850	-0,246520
[Duinen=4]	-4,612641	1,434639
[Duinen=5]	.	.
[Bossen=1]	-0,842218	-0,346108
[Bossen=2]	-0,998855	-0,287929
[Bossen=3]	-1,808962	-0,771507
[Bossen=4]	.	.
[Moeras=1]	-0,756688	0,630150
[Moeras=2]	0,486193	0,954327
[Moeras=3]	.	.

a. Dependent Variable: ObesityRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual	18,516282	0,232198	79,743	0,000	18,066729
Intercept [subject = MunicipalityRIVM]	Variance 10,058773	0,824039	12,207	<0,001	8,566680

Estimates of Covariance Parameters^a

Parameter	95% ... Upper Bound
Residual	18,977020
Intercept [subject = MunicipalityRIVM]	Variance 11,810750

a. Dependent Variable: ObesityRIVM.

Estimated Marginal Means

Duinen

Contrast Coefficients

Parameter		Duinen				
		1	2	3	4	0 is ref
Fixed Effects	Intercept	1	1	1	1	1
	SmokingRIVM	16,461	16,461	16,461	16,461	16,461
	[Heidehoogveenenstuifzand=1]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=2]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=3]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=4]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=5]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=6]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=7]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=8]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=9]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=10]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=11]	0,091	0,091	0,091	0,091	0,091
	[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250	0,250	0,250
	[strand=3]	0,250	0,250	0,250	0,250	0,250
	[strand=4]	0,250	0,250	0,250	0,250	0,250
	[Halfopenengeslotenagrarischgebied=1]	0,333	0,333	0,333	0,333	0,333
	[Halfopenengeslotenagrarischgebied=2]	0,333	0,333	0,333	0,333	0,333
	[Halfopenengeslotenagrarischgebied=3]	0,333	0,333	0,333	0,333	0,333
	[Duinen=1]	1	0	0	0	0
	[Duinen=2]	0	1	0	0	0
	[Duinen=3]	0	0	1	0	0
	[Duinen=4]	0	0	0	1	0
	[Duinen=5]	0	0	0	0	1

Contrast Coefficients

Parameter	Duinen				
	1	2	3	4	0 is ref
[Bossen=1]	0,250	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Estimates^a

Duinen	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	52,092 ^b	0,695	10511,715	50,730	53,455
2	49,715 ^b	0,607	9270,677	48,524	50,906
3	50,179 ^b	0,880	11114,783	48,455	51,904
4	50,480 ^b	1,555	8965,861	47,432	53,529
0 is ref	52,069 ^b	0,522	8949,036	51,047	53,091

a. Dependent Variable: ObesityRIVM.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461.

Pairwise Comparisons^a

(I) Duinen	(J) Duinen	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ^c ... Lower Bound
1	2	2,377*	0,607	12462,452	<0,001	1,188
	3	1,913*	0,913	12543,250	0,036	0,122
	4	1,612	1,579	9654,190	0,307	-1,483
	0 is ref	0,023	0,513	12317,305	0,964	-0,983
2	1	-2,377*	0,607	12462,452	<0,001	-3,567
	3	-0,464	0,852	12597,739	0,586	-2,134
	4	-0,765	1,540	9631,693	0,619	-3,784
	0 is ref	-2,354*	0,424	10575,353	<0,001	-3,186
3	1	-1,913*	0,913	12543,250	0,036	-3,704
	2	0,464	0,852	12597,739	0,586	-1,205
	4	-0,301	1,514	11853,046	0,843	-3,269
	0 is ref	-1,890*	0,838	12323,334	0,024	-3,533
4	1	-1,612	1,579	9654,190	0,307	-4,707
	2	0,765	1,540	9631,693	0,619	-2,254
	3	0,301	1,514	11853,046	0,843	-2,668
	0 is ref	-1,589	1,542	9234,755	0,303	-4,613
0 is ref	1	-0,023	0,513	12317,305	0,964	-1,030
	2	2,354*	0,424	10575,353	<0,001	1,522
	3	1,890*	0,838	12323,334	0,024	0,247
	4	1,589	1,542	9234,755	0,303	-1,435

Pairwise Comparisons^a

(I) Duinen	(J) Duinen	95% Confidence Interval for ^c ...
		Upper Bound
1	2	3,567
	3	3,704
	4	4,707
	0 is ref	1,030
2	1	-1,188
	3	1,205
	4	2,254
	0 is ref	-1,522
3	1	-0,122
	2	2,134
	4	2,668
	0 is ref	-0,247
4	1	1,483
	2	3,784
	3	3,269
	0 is ref	1,435
0 is ref	1	0,983
	2	3,186
	3	3,533
	4	4,613

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: ObesityRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
4	11237,670	8,302	<0,001

The F tests the effect of Duinen. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: ObesityRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:16:14.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
	Random Effects	Intercept	1	Identity	1
Residual				1
Total		37		31

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
	Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: ObesityRIVM.

Information Criteria^a

-2 Log Likelihood	76236,248
Akaike's Information Criterion (AIC)	76298,248
Hurvich and Tsai's Criterion (AICC)	76298,400
Bozdogan's Criterion (CAIC)	76561,075
Schwarz's Bayesian Criterion (BIC)	76530,075

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: ObesityRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,099
	Conditional	0,416

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	8341,709	5435,592	0,000
SmokingRIVM	1	13016,448	1232,997	<0,001
Heidehoogveenestuifzand	10	12817,400	3,877	<0,001
Openagrarischgebied	3	12495,905	19,559	<0,001
strand	3	13007,409	4,692	0,003
Halfopenengeslotenagrarischgebied	2	12749,970	10,041	<0,001
Duinen	4	11187,007	8,302	<0,001
Bossen	3	12662,005	11,553	<0,001
Moeras	2	12431,074	18,503	<0,001

a. Dependent Variable: ObesityRIVM.

Type III Estimable Functions

Intercept

L1

Fixed Effects		L1
Intercept		1
SmokingRIVM		0
[Heidehoogveenenstuifzand=1]		0,091
[Heidehoogveenenstuifzand=2]		0,091
[Heidehoogveenenstuifzand=3]		0,091
[Heidehoogveenenstuifzand=4]		0,091
[Heidehoogveenenstuifzand=5]		0,091
[Heidehoogveenenstuifzand=6]		0,091
[Heidehoogveenenstuifzand=7]		0,091
[Heidehoogveenenstuifzand=8]		0,091
[Heidehoogveenenstuifzand=9]		0,091
[Heidehoogveenenstuifzand=10]		0,091
[Heidehoogveenenstuifzand=11]		0,091
[Openagrarischedebied=1]		0,250
[Openagrarischedebied=2]		0,250
[Openagrarischedebied=3]		0,250
[Openagrarischedebied=4]		0,250
[strand=1]		0,250
[strand=2]		0,250
[strand=3]		0,250
[strand=4]		0,250
[Halfopenengeslotenagrarischedebied=1]		0,333
[Halfopenengeslotenagrarischedebied=2]		0,333
[Halfopenengeslotenagrarischedebied=3]		0,333
[Duinen=1]		0,200
[Duinen=2]		0,200
[Duinen=3]		0,200
[Duinen=4]		0,200
[Duinen=5]		0,200
[Bossen=1]		0,250
[Bossen=2]		0,250
[Bossen=3]		0,250

Intercept

L1

[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects	Intercept	0
	SmokingRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0

SmokingRIVM

L2

[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L3	L4	L5	L6	L7
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0
	[Openagrarischedgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L8	L9	L10	L11	L12
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L3	L4	L5	L6	L7
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L8	L9	L10	L11	L12
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L14	L15	L16
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0
	[Bossen=3]	0	0	0

Open agrarisch gebied

	L14	L15	L16
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L18	L19	L20
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Open agrarisch gebied=1]	0	0	0
[Open agrarisch gebied=2]	0	0	0
[Open agrarisch gebied=3]	0	0	0
[Open agrarisch gebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengsloten agrarisch gebied=1]	0	0	0
[Halfopenengsloten agrarisch gebied=2]	0	0	0
[Halfopenengsloten agrarisch gebied=3]	0	0	0
[Duinen=1]	0	0	0

strand

	L18	L19	L20
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L25	L26	L27	L28
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0

Duinen

	L25	L26	L27	L28
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L30	L31	L32
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischedgebied=1]	0	0	0
	[Openagrarischedgebied=2]	0	0	0
	[Openagrarischedgebied=3]	0	0	0
	[Openagrarischedgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0
	[Bossen=3]	0	0	1

Bossen

	L30	L31	L32
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L34	L35
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0

Moeras

	L34	L35
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	44,733034	0,274498	1779,074	162,963	0,000
SmokingRIVM	0,343079	0,009770	13016,448	35,114	<0,001
[Heidehoogveenestuifzand=1]	0,548064	1,544575	12835,662	0,355	0,723
[Heidehoogveenestuifzand=2]	-1,689697	0,440779	11859,502	-3,833	<0,001
[Heidehoogveenestuifzand=3]	0,165131	0,470648	12541,536	0,351	0,726
[Heidehoogveenestuifzand=4]	0,196483	0,264895	12984,566	0,742	0,458
[Heidehoogveenestuifzand=5]	0,853092	0,277033	12217,330	3,079	0,002
[Heidehoogveenestuifzand=6]	0,234235	0,271344	12813,243	0,863	0,388
[Heidehoogveenestuifzand=7]	0,955942	0,316428	12347,516	3,021	0,003
[Heidehoogveenestuifzand=8]	1,111086	0,376042	12931,492	2,955	0,003
[Heidehoogveenestuifzand=9]	0,341775	0,506816	13044	0,674	0,500
[Heidehoogveenestuifzand=10]	0,370791	0,914654	12998,445	0,405	0,685
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	0,920938	0,132705	11849,267	6,940	<0,001
[Openagrarischgebied=2]	1,144305	0,180119	11402,100	6,353	<0,001
[Openagrarischgebied=3]	1,167600	0,277835	12537,573	4,202	<0,001
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	1,505854	0,591564	13044	2,546	0,011

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	44,194662	45,271406
SmokingRIVM	0,323927	0,362230
[Heidehoogveenenstuifzand=1]	-2,479532	3,575661
[Heidehoogveenenstuifzand=2]	-2,553697	-0,825697
[Heidehoogveenenstuifzand=3]	-0,757411	1,087672
[Heidehoogveenenstuifzand=4]	-0,322750	0,715716
[Heidehoogveenenstuifzand=5]	0,310063	1,396120
[Heidehoogveenenstuifzand=6]	-0,297640	0,766110
[Heidehoogveenenstuifzand=7]	0,335695	1,576190
[Heidehoogveenenstuifzand=8]	0,373988	1,848185
[Heidehoogveenenstuifzand=9]	-0,651659	1,335208
[Heidehoogveenenstuifzand=10]	-1,422065	2,163647
[Heidehoogveenenstuifzand=11]	.	.
[Openagrarischgebied=1]	0,660813	1,181062
[Openagrarischgebied=2]	0,791242	1,497369
[Openagrarischgebied=3]	0,623001	1,712198
[Openagrarischgebied=4]	.	.
[strand=1]	0,346302	2,665405

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[strand=2]	1,021424	0,645048	13044	1,583	0,113
[strand=3]	1,375262	0,496580	12948,207	2,769	0,006
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisch hgebied=1]	0,529085	0,119689	12579,493	4,420	<0,001
[Halfopenengeslotenagrarisch hgebied=2]	-0,417247	0,990890	12921,393	-0,421	0,674
[Halfopenengeslotenagrarisch hgebied=3]	0 ^b	0	.	.	.
[Duinen=1]	0,023315	0,513335	12317,305	0,045	0,964
[Duinen=2]	-2,354047	0,424413	10575,353	-5,547	<0,001
[Duinen=3]	-1,889685	0,838283	12323,334	-2,254	0,024
[Duinen=4]	-1,589001	1,542500	9234,755	-1,030	0,303
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	-0,594163	0,126549	12706,695	-4,695	<0,001
[Bossen=2]	-0,643392	0,181345	12663,406	-3,548	<0,001
[Bossen=3]	-1,290235	0,264636	12547,396	-4,876	<0,001
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,063269	0,353757	12456,019	-0,179	0,858
[Moeras=2]	0,720260	0,119412	12413,301	6,032	<0,001
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[strand=2]	-0,242964	2,285812
[strand=3]	0,401893	2,348631
[strand=4]	.	.
[Halfopenengeslotenagrarisc hgebied=1]	0,294475	0,763694
[Halfopenengeslotenagrarisc hgebied=2]	-2,359538	1,525045
[Halfopenengeslotenagrarisc hgebied=3]	.	.
[Duinen=1]	-0,982903	1,029532
[Duinen=2]	-3,185977	-1,522117
[Duinen=3]	-3,532850	-0,246520
[Duinen=4]	-4,612641	1,434639
[Duinen=5]	.	.
[Bossen=1]	-0,842218	-0,346108
[Bossen=2]	-0,998855	-0,287929
[Bossen=3]	-1,808962	-0,771507
[Bossen=4]	.	.
[Moeras=1]	-0,756688	0,630150
[Moeras=2]	0,486193	0,954327
[Moeras=3]	.	.

a. Dependent Variable: ObesityRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual	18,516282	0,232198	79,743	0,000	18,066729
Intercept [subject = MunicipalityRIVM]	Variance 10,058773	0,824039	12,207	<0,001	8,566680

Estimates of Covariance Parameters^a

Parameter	95% ... Upper Bound
Residual	18,977020
Intercept [subject = MunicipalityRIVM]	Variance 11,810750

a. Dependent Variable: ObesityRIVM.

Estimated Marginal Means

Bossen

Contrast Coefficients

Parameter		Bossen			
		1	2	3	0 is ref
Fixed Effects	Intercept	1	1	1	1
	SmokingRIVM	16,461	16,461	16,461	16,461
	[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091
	[Openagrarischgebied=1]	0,250	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250	0,250
	[strand=3]	0,250	0,250	0,250	0,250
	[strand=4]	0,250	0,250	0,250	0,250
	[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333
	[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333
	[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333
	[Duinen=1]	0,200	0,200	0,200	0,200
	[Duinen=2]	0,200	0,200	0,200	0,200
	[Duinen=3]	0,200	0,200	0,200	0,200
	[Duinen=4]	0,200	0,200	0,200	0,200
	[Duinen=5]	0,200	0,200	0,200	0,200

Contrast Coefficients

Parameter	Bossen			0 is ref
	1	2	3	
[Bossen=1]	1	0	0	0
[Bossen=2]	0	1	0	0
[Bossen=3]	0	0	1	0
[Bossen=4]	0	0	0	1
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

Bossen	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	50,945 ^b	0,610	8077,045	49,748	52,142
2	50,896 ^b	0,602	7984,066	49,715	52,077
3	50,249 ^b	0,622	8392,210	49,029	51,469
0 is ref	51,539 ^b	0,618	8187,902	50,328	52,751

a. Dependent Variable: ObesityRIVM.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461.

Pairwise Comparisons^a

(I) Bossen	(J) Bossen	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for C... Lower Bound
1	2	0,049	0,164	12661,903	0,765	-0,273
	3	0,696 [*]	0,252	12568,450	0,006	0,203
	0 is ref	-0,594 [*]	0,127	12706,695	<0,001	-0,842
2	1	-0,049	0,164	12661,903	0,765	-0,371
	3	0,647 [*]	0,261	12793,580	0,013	0,136
	0 is ref	-0,643 [*]	0,181	12663,406	<0,001	-0,999
3	1	-0,696 [*]	0,252	12568,450	0,006	-1,189
	2	-0,647 [*]	0,261	12793,580	0,013	-1,158
	0 is ref	-1,290 [*]	0,265	12547,396	<0,001	-1,809
0 is ref	1	0,594 [*]	0,127	12706,695	<0,001	0,346
	2	0,643 [*]	0,181	12663,406	<0,001	0,288
	3	1,290 [*]	0,265	12547,396	<0,001	0,772

Pairwise Comparisons^a

(I) Bossen	(J) Bossen	95% Confidence Interval for μ
		Upper Bound
1	2	0,371
	3	1,189
	0 is ref	-0,346
2	1	0,273
	3	1,158
	0 is ref	-0,288
3	1	-0,203
	2	-0,136
	0 is ref	-0,772
0 is ref	1	0,842
	2	0,999
	3	1,809

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: ObesityRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	12666,182	11,553	<0,001

The F tests the effect of Bossen. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: ObesityRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:16:15.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		37		31

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: ObesityRIVM.

Information Criteria^a

-2 Log Likelihood	76236,248
Akaike's Information Criterion (AIC)	76298,248
Hurvich and Tsai's Criterion (AICC)	76298,400
Bozdogan's Criterion (CAIC)	76561,075
Schwarz's Bayesian Criterion (BIC)	76530,075

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: ObesityRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,099
	Conditional	0,416

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	8341,709	5435,592	0,000
SmokingRIVM	1	13016,448	1232,997	<0,001
Heidehoogveenestuifzand	10	12817,400	3,877	<0,001
Openagrarischgebied	3	12495,905	19,559	<0,001
strand	3	13007,409	4,692	0,003
Halfopenengeslotenagrarischgebied	2	12749,970	10,041	<0,001
Duinen	4	11187,007	8,302	<0,001
Bossen	3	12662,005	11,553	<0,001
Moeras	2	12431,074	18,503	<0,001

a. Dependent Variable: ObesityRIVM.

Type III Estimable Functions

Intercept

L1

Fixed Effects		L1
Intercept		1
SmokingRIVM		0
[Heidehoogveenenstuifzand=1]		0,091
[Heidehoogveenenstuifzand=2]		0,091
[Heidehoogveenenstuifzand=3]		0,091
[Heidehoogveenenstuifzand=4]		0,091
[Heidehoogveenenstuifzand=5]		0,091
[Heidehoogveenenstuifzand=6]		0,091
[Heidehoogveenenstuifzand=7]		0,091
[Heidehoogveenenstuifzand=8]		0,091
[Heidehoogveenenstuifzand=9]		0,091
[Heidehoogveenenstuifzand=10]		0,091
[Heidehoogveenenstuifzand=11]		0,091
[Openagrarisched=1]		0,250
[Openagrarisched=2]		0,250
[Openagrarisched=3]		0,250
[Openagrarisched=4]		0,250
[strand=1]		0,250
[strand=2]		0,250
[strand=3]		0,250
[strand=4]		0,250
[Halfopenengeslotenagrarisched=1]		0,333
[Halfopenengeslotenagrarisched=2]		0,333
[Halfopenengeslotenagrarisched=3]		0,333
[Duinen=1]		0,200
[Duinen=2]		0,200
[Duinen=3]		0,200
[Duinen=4]		0,200
[Duinen=5]		0,200
[Bossen=1]		0,250
[Bossen=2]		0,250
[Bossen=3]		0,250

Intercept

L1

[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects	Intercept	0
	SmokingRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0

SmokingRIVM

L2

[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L3	L4	L5	L6	L7
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0
	[Openagrarischedgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L8	L9	L10	L11	L12
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L3	L4	L5	L6	L7
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L8	L9	L10	L11	L12
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagraris hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L14	L15	L16
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0
	[Bossen=3]	0	0	0

Openagrarischgebied

	L14	L15	L16
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L18	L19	L20
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarischgebied=1]	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0

strand

	L18	L19	L20
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0

Halfopenengeslotenagrarischgebied

	L22	L23
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L25	L26	L27	L28
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0

Duinen

	L25	L26	L27	L28
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L30	L31	L32
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0
	[Bossen=3]	0	0	1

Bossen

	L30	L31	L32
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L34	L35
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0
[Halfopenengeslotenagrarischedgebied=3]	0	0
[Duinen=1]	0	0

Moeras

	L34	L35
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	44,733034	0,274498	1779,074	162,963	0,000
SmokingRIVM	0,343079	0,009770	13016,448	35,114	<0,001
[Heidehoogveenestuifzand =1]	0,548064	1,544575	12835,662	0,355	0,723
[Heidehoogveenestuifzand =2]	-1,689697	0,440779	11859,502	-3,833	<0,001
[Heidehoogveenestuifzand =3]	0,165131	0,470648	12541,536	0,351	0,726
[Heidehoogveenestuifzand =4]	0,196483	0,264895	12984,566	0,742	0,458
[Heidehoogveenestuifzand =5]	0,853092	0,277033	12217,330	3,079	0,002
[Heidehoogveenestuifzand =6]	0,234235	0,271344	12813,243	0,863	0,388
[Heidehoogveenestuifzand =7]	0,955942	0,316428	12347,516	3,021	0,003
[Heidehoogveenestuifzand =8]	1,111086	0,376042	12931,492	2,955	0,003
[Heidehoogveenestuifzand =9]	0,341775	0,506816	13044	0,674	0,500
[Heidehoogveenestuifzand =10]	0,370791	0,914654	12998,445	0,405	0,685
[Heidehoogveenestuifzand =11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	0,920938	0,132705	11849,267	6,940	<0,001
[Openagrarischgebied=2]	1,144305	0,180119	11402,100	6,353	<0,001
[Openagrarischgebied=3]	1,167600	0,277835	12537,573	4,202	<0,001
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	1,505854	0,591564	13044	2,546	0,011

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	44,194662	45,271406
SmokingRIVM	0,323927	0,362230
[Heidehoogveenenstuifzand=1]	-2,479532	3,575661
[Heidehoogveenenstuifzand=2]	-2,553697	-0,825697
[Heidehoogveenenstuifzand=3]	-0,757411	1,087672
[Heidehoogveenenstuifzand=4]	-0,322750	0,715716
[Heidehoogveenenstuifzand=5]	0,310063	1,396120
[Heidehoogveenenstuifzand=6]	-0,297640	0,766110
[Heidehoogveenenstuifzand=7]	0,335695	1,576190
[Heidehoogveenenstuifzand=8]	0,373988	1,848185
[Heidehoogveenenstuifzand=9]	-0,651659	1,335208
[Heidehoogveenenstuifzand=10]	-1,422065	2,163647
[Heidehoogveenenstuifzand=11]	.	.
[Openagrarischgebied=1]	0,660813	1,181062
[Openagrarischgebied=2]	0,791242	1,497369
[Openagrarischgebied=3]	0,623001	1,712198
[Openagrarischgebied=4]	.	.
[strand=1]	0,346302	2,665405

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[strand=2]	1,021424	0,645048	13044	1,583	0,113
[strand=3]	1,375262	0,496580	12948,207	2,769	0,006
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisch hgebied=1]	0,529085	0,119689	12579,493	4,420	<0,001
[Halfopenengeslotenagrarisch hgebied=2]	-0,417247	0,990890	12921,393	-0,421	0,674
[Halfopenengeslotenagrarisch hgebied=3]	0 ^b	0	.	.	.
[Duinen=1]	0,023315	0,513335	12317,305	0,045	0,964
[Duinen=2]	-2,354047	0,424413	10575,353	-5,547	<0,001
[Duinen=3]	-1,889685	0,838283	12323,334	-2,254	0,024
[Duinen=4]	-1,589001	1,542500	9234,755	-1,030	0,303
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	-0,594163	0,126549	12706,695	-4,695	<0,001
[Bossen=2]	-0,643392	0,181345	12663,406	-3,548	<0,001
[Bossen=3]	-1,290235	0,264636	12547,396	-4,876	<0,001
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,063269	0,353757	12456,019	-0,179	0,858
[Moeras=2]	0,720260	0,119412	12413,301	6,032	<0,001
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[strand=2]	-0,242964	2,285812
[strand=3]	0,401893	2,348631
[strand=4]	.	.
[Halfopenengeslotenagrarisc hgebied=1]	0,294475	0,763694
[Halfopenengeslotenagrarisc hgebied=2]	-2,359538	1,525045
[Halfopenengeslotenagrarisc hgebied=3]	.	.
[Duinen=1]	-0,982903	1,029532
[Duinen=2]	-3,185977	-1,522117
[Duinen=3]	-3,532850	-0,246520
[Duinen=4]	-4,612641	1,434639
[Duinen=5]	.	.
[Bossen=1]	-0,842218	-0,346108
[Bossen=2]	-0,998855	-0,287929
[Bossen=3]	-1,808962	-0,771507
[Bossen=4]	.	.
[Moeras=1]	-0,756688	0,630150
[Moeras=2]	0,486193	0,954327
[Moeras=3]	.	.

a. Dependent Variable: ObesityRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual	18,516282	0,232198	79,743	0,000	18,066729
Intercept [subject = MunicipalityRIVM]	Variance 10,058773	0,824039	12,207	<0,001	8,566680

Estimates of Covariance Parameters^a

Parameter	95% ... Upper Bound
Residual	18,977020
Intercept [subject = MunicipalityRIVM]	Variance 11,810750

a. Dependent Variable: ObesityRIVM.

Estimated Marginal Means

Moeras

Contrast Coefficients

Parameter		Moeras		
		1	2	0 is ref
Fixed Effects	Intercept	1	1	1
	SmokingRIVM	16,461	16,461	16,461
	[Heidehoogveenenstuifzand=1]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=2]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=3]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=4]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=5]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=6]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=7]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=8]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=9]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=10]	0,091	0,091	0,091
	[Heidehoogveenenstuifzand=11]	0,091	0,091	0,091
	[Openagrarischgebied=1]	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250
	[strand=3]	0,250	0,250	0,250
	[strand=4]	0,250	0,250	0,250
	[Halfopenengeslotenagrarischgebied=1]	0,333	0,333	0,333
	[Halfopenengeslotenagrarischgebied=2]	0,333	0,333	0,333
	[Halfopenengeslotenagrarischgebied=3]	0,333	0,333	0,333
	[Duinen=1]	0,200	0,200	0,200
	[Duinen=2]	0,200	0,200	0,200
	[Duinen=3]	0,200	0,200	0,200
	[Duinen=4]	0,200	0,200	0,200
	[Duinen=5]	0,200	0,200	0,200

Contrast Coefficients

Parameter	Moeras		
	1	2	0 is ref
[Bossen=1]	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250
[Moeras=1]	1	0	0
[Moeras=2]	0	1	0
[Moeras=3]	0	0	1

Estimates^a

Moeras	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	50,625 ^b	0,674	8956,939	49,305	51,945
2	51,409 ^b	0,600	7913,315	50,233	52,584
0 is ref	50,688 ^b	0,595	7852,060	49,522	51,854

a. Dependent Variable: ObesityRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461.

Pairwise Comparisons^a

(I) Moeras	(J) Moeras	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ^c ..
						Lower Bound
1	2	-0,784 [*]	0,362	12430,950	0,030	-1,493
	0 is ref	-0,063	0,354	12456,019	0,858	-0,757
2	1	0,784 [*]	0,362	12430,950	0,030	0,074
	0 is ref	0,720 [*]	0,119	12413,301	<0,001	0,486
0 is ref	1	0,063	0,354	12456,019	0,858	-0,630
	2	-0,720 [*]	0,119	12413,301	<0,001	-0,954

Pairwise Comparisons^a

(I) Moeras	(J) Moeras	95% Confidence Interval for ^c ..
		Upper Bound
1	2	-0,074
	0 is ref	0,630
2	1	1,493
	0 is ref	0,954
0 is ref	1	0,757
	2	-0,486

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: ObesityRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
2	12431,279	18,503	<0,001

The F tests the effect of Moeras. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: ObesityRIVM.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenestuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: ObesityMorbideRIVM.

Information Criteria^a

-2 Log Likelihood	40351,642
Akaike's Information Criterion (AIC)	40415,642
Hurvich and Tsai's Criterion (AICC)	40415,804
Bozdogan's Criterion (CAIC)	40686,948
Schwarz's Bayesian Criterion (BIC)	40654,948

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
ObesityMorbideRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,878
	Conditional	0,909

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9925,445	7156,231	0,000
SmokingRIVM	1	13043	11498,438	0,000
ObesityRIVM	1	12976,525	49344,442	0,000
Heidehoogveenenstuifzand	10	12215,173	2,551	0,004
Openagrarischgebied	3	11416,845	3,567	0,013
strand	3	12745,858	3,338	0,018
Halfopenengeslotenagrarischgebied	2	12230,379	8,038	<0,001
Duinen	4	9497,803	7,044	<0,001
Bossen	3	11682,185	4,535	0,004
Moeras	2	11231,770	3,238	0,039

a. Dependent Variable: ObesityMorbideRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand=1]	0
	[Heidehoogveenenstuifzand=2]	0
	[Heidehoogveenenstuifzand=3]	0
	[Heidehoogveenenstuifzand=4]	0
	[Heidehoogveenenstuifzand=5]	0
	[Heidehoogveenenstuifzand=6]	0
	[Heidehoogveenenstuifzand=7]	0
	[Heidehoogveenenstuifzand=8]	0
	[Heidehoogveenenstuifzand=9]	0
	[Heidehoogveenenstuifzand=10]	0
	[Heidehoogveenenstuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand =1]	0
	[Heidehoogveenestuifzand =2]	0
	[Heidehoogveenestuifzand =3]	0
	[Heidehoogveenestuifzand =4]	0
	[Heidehoogveenestuifzand =5]	0
	[Heidehoogveenestuifzand =6]	0
	[Heidehoogveenestuifzand =7]	0
	[Heidehoogveenestuifzand =8]	0
	[Heidehoogveenestuifzand =9]	0
	[Heidehoogveenestuifzand =10]	0
	[Heidehoogveenestuifzand =11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagraris chgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

**Halfopenengeslotenagraris
chgebied**

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand =1]	0	0
[Heidehoogveenestuifzand =2]	0	0
[Heidehoogveenestuifzand =3]	0	0
[Heidehoogveenestuifzand =4]	0	0
[Heidehoogveenestuifzand =5]	0	0
[Heidehoogveenestuifzand =6]	0	0
[Heidehoogveenestuifzand =7]	0	0
[Heidehoogveenestuifzand =8]	0	0
[Heidehoogveenestuifzand =9]	0	0
[Heidehoogveenestuifzand =10]	0	0
[Heidehoogveenestuifzand =11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischgebied=1]	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrari shgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrari schgebied=1]	0	0
[Openagrari schgebied=2]	0	0
[Openagrari schgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	-14,827066	0,118085	8932,065	-125,563	0,000
SmokingRIVM	0,278232	0,002595	13043	107,231	0,000
ObesityRIVM	0,491794	0,002214	12976,525	222,136	0,000
[Heidehoogveenenstuifzand =1]	-0,468895	0,393253	12884,132	-1,192	0,233
[Heidehoogveenenstuifzand =2]	-0,067871	0,110150	9945,436	-0,616	0,538
[Heidehoogveenenstuifzand =3]	0,084152	0,118154	11521,983	0,712	0,476
[Heidehoogveenenstuifzand =4]	-0,260364	0,066828	12550,840	-3,896	<0,001
[Heidehoogveenenstuifzand =5]	0,025641	0,069398	10822,057	0,369	0,712
[Heidehoogveenenstuifzand =6]	0,042989	0,068295	12111,587	0,629	0,529
[Heidehoogveenenstuifzand =7]	-0,031820	0,079332	11024,408	-0,401	0,688
[Heidehoogveenenstuifzand =8]	0,032221	0,094815	12401,316	0,340	0,734
[Heidehoogveenenstuifzand =9]	0,156349	0,128420	13040,167	1,217	0,223
[Heidehoogveenenstuifzand =10]	-0,366943	0,232269	13043	-1,580	0,114
[Heidehoogveenenstuifzand =11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	0,025739	0,033223	10221,034	0,775	0,439
[Openagrarischgebied=2]	-0,047441	0,044972	9540,661	-1,055	0,291
[Openagrarischgebied=3]	-0,185128	0,069786	11428,588	-2,653	0,008
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	-0,187663	0,149722	12939,299	-1,253	0,210
[strand=2]	-0,195815	0,163066	12886,277	-1,201	0,230
[strand=3]	-0,365232	0,125251	12486,454	-2,916	0,004
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisch gebied=1]	0,119778	0,030076	11544,196	3,982	<0,001
[Halfopenengeslotenagrarisch gebied=2]	0,187245	0,251984	12993,941	0,743	0,457
[Halfopenengeslotenagrarisch gebied=3]	0 ^b	0	.	.	.
[Duinen=1]	0,148382	0,128626	10963,441	1,154	0,249
[Duinen=2]	-0,004227	0,105439	8151,415	-0,040	0,968
[Duinen=3]	-0,023400	0,210478	11850,228	-0,111	0,911
[Duinen=4]	-1,873222	0,380840	7211,756	-4,919	<0,001
[Duinen=5]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	-15,058540	-14,595593
SmokingRIVM	0,273146	0,283318
ObesityRIVM	0,487454	0,496133
[Heidehoogveenenstuifzand=1]	-1,239728	0,301939
[Heidehoogveenenstuifzand=2]	-0,283787	0,148046
[Heidehoogveenenstuifzand=3]	-0,147451	0,315754
[Heidehoogveenenstuifzand=4]	-0,391356	-0,129372
[Heidehoogveenenstuifzand=5]	-0,110391	0,161674
[Heidehoogveenenstuifzand=6]	-0,090879	0,176858
[Heidehoogveenenstuifzand=7]	-0,187325	0,123685
[Heidehoogveenenstuifzand=8]	-0,153631	0,218073
[Heidehoogveenenstuifzand=9]	-0,095373	0,408071
[Heidehoogveenenstuifzand=10]	-0,822224	0,088338
[Heidehoogveenenstuifzand=11]	.	.
[Openagrarischedgebied=1]	-0,039385	0,090863
[Openagrarischedgebied=2]	-0,135596	0,040713
[Openagrarischedgebied=3]	-0,321920	-0,048336
[Openagrarischedgebied=4]	.	.
[strand=1]	-0,481141	0,105815
[strand=2]	-0,515449	0,123819
[strand=3]	-0,610743	-0,119720
[strand=4]	.	.
[Halfopenengeslotenagrarischedgebied=1]	0,060823	0,178732
[Halfopenengeslotenagrarischedgebied=2]	-0,306680	0,681170
[Halfopenengeslotenagrarischedgebied=3]	.	.
[Duinen=1]	-0,103748	0,400513
[Duinen=2]	-0,210915	0,202461
[Duinen=3]	-0,435972	0,389172
[Duinen=4]	-2,619780	-1,126663
[Duinen=5]	.	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Bossen=1]	0,117087	0,031837	11785,866	3,678	<0,001
[Bossen=2]	0,091210	0,045587	11687,583	2,001	0,045
[Bossen=3]	0,083378	0,066482	11399,419	1,254	0,210
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,190710	0,088744	11312,622	-2,149	0,032
[Moeras=2]	0,034155	0,029983	11161,105	1,139	0,255
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Bossen=1]	0,054680	0,179493
[Bossen=2]	0,001852	0,180568
[Bossen=3]	-0,046939	0,213694
[Bossen=4]	.	.
[Moeras=1]	-0,364664	-0,016755
[Moeras=2]	-0,024617	0,092927
[Moeras=3]	.	.

a. Dependent Variable: ObesityMorbideRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound	
Residual	1,203428	0,015094	79,728	0,000	1,174205	
Intercept [subject = MunicipalityRIVM]	Variance	0,408414	0,035225	11,595	<0,001	0,344895

Estimates of Covariance Parameters^a

Parameter	95% ... Upper Bound	
Residual	1,233378	
Intercept [subject = MunicipalityRIVM]	Variance	0,483631

a. Dependent Variable: ObesityMorbideRIVM.

Estimated Marginal Means

Heidehoogveenestuifzand

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	1	2	3	4	5
Fixed Effects Intercept	1	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499	50,499
[Heidehoogveenenstuifzand =1]	1	0	0	0	0
[Heidehoogveenenstuifzand =2]	0	1	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	1	0	0
[Heidehoogveenenstuifzand =4]	0	0	0	1	0
[Heidehoogveenenstuifzand =5]	0	0	0	0	1
[Heidehoogveenenstuifzand =6]	0	0	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0	0	0
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250	0,250
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	6	7	8	9	10
Fixed Effects Intercept	1	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499	50,499
[Heidehoogveenenstuifzand =1]	0	0	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0	0	0
[Heidehoogveenenstuifzand =6]	1	0	0	0	0
[Heidehoogveenenstuifzand =7]	0	1	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	1	0	0
[Heidehoogveenenstuifzand =9]	0	0	0	1	0
[Heidehoogveenenstuifzand =10]	0	0	0	0	1
[Heidehoogveenenstuifzand =11]	0	0	0	0	0
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250	0,250
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	Heidehoogv.. 0 is ref
Fixed Effects Intercept	1
SmokingRIVM	16,461
ObesityRIVM	50,499
[Heidehoogveenenstuifzand =1]	0
[Heidehoogveenenstuifzand =2]	0
[Heidehoogveenenstuifzand =3]	0
[Heidehoogveenenstuifzand =4]	0
[Heidehoogveenenstuifzand =5]	0
[Heidehoogveenenstuifzand =6]	0
[Heidehoogveenenstuifzand =7]	0
[Heidehoogveenenstuifzand =8]	0
[Heidehoogveenenstuifzand =9]	0
[Heidehoogveenenstuifzand =10]	0
[Heidehoogveenenstuifzand =11]	1
[Openagrarisched gebied=1]	0,250
[Openagrarisched gebied=2]	0,250
[Openagrarisched gebied=3]	0,250
[Openagrarisched gebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarisched gebied=1]	0,333
[Halfopenengeslotenagrarisched gebied=2]	0,333
[Halfopenengeslotenagrarisched gebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	1	2	3	4	5
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	6	7	8	9	10
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogv..
	0 is ref
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

Estimates^a

Heidehoogveenenstuifzand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	13,653 ^b	0,413	13043	12,843	14,463
2	14,054 ^b	0,177	8518,455	13,707	14,401
3	14,206 ^b	0,187	9039,618	13,840	14,572
4	13,861 ^b	0,156	8353,943	13,556	14,167
5	14,147 ^b	0,155	8120,996	13,843	14,451
6	14,165 ^b	0,152	8090,001	13,867	14,463
7	14,090 ^b	0,159	8281,995	13,779	14,401
8	14,154 ^b	0,166	8975,422	13,829	14,479
9	14,278 ^b	0,185	10359,322	13,915	14,641
10	13,755 ^b	0,269	12466,119	13,228	14,281
0 is ref	14,122 ^b	0,139	7292,528	13,849	14,395

a. Dependent Variable: ObesityMorbideRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
1	2	-0,401	0,409	13020,543
	3	-0,553	0,411	12994,552
	4	-0,209	0,399	12929,408
	5	-0,495	0,399	12937,558
	6	-0,512	0,396	12902,817
	7	-0,437	0,399	12939,540
	8	-0,501	0,400	12925,710
	9	-0,625	0,405	12902,226
	10	-0,102	0,444	12917,380
	0 is ref	-0,469	0,393	12884,132
2	1	0,401	0,409	13020,543
	3	-0,152	0,157	11294,158
	4	0,192	0,127	10824,300
	5	-0,094	0,129	10254,939
	6	-0,111	0,127	10894,838
	7	-0,036	0,134	10466,931
	8	-0,100	0,141	11561,535
	9	-0,224	0,154	12864,731
	10	0,299	0,255	13035,745
	0 is ref	-0,068	0,110	9945,436

Pairwise Comparisons^a

(I) Heidehoogveenstuifzand	(J) Heidehoogveenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,327	-1,203	0,401
	3	0,179	-1,359	0,253
	4	0,602	-0,991	0,574
	5	0,215	-1,276	0,287
	6	0,196	-1,287	0,263
	7	0,274	-1,220	0,346
	8	0,210	-1,285	0,283
	9	0,123	-1,419	0,168
	10	0,819	-0,973	0,769
	0 is ref	0,233	-1,240	0,302
2	1	0,327	-0,401	1,203
	3	0,332	-0,459	0,155
	4	0,128	-0,056	0,441
	5	0,468	-0,346	0,159
	6	0,382	-0,359	0,138
	7	0,788	-0,299	0,227
	8	0,477	-0,376	0,176
	9	0,144	-0,525	0,077
	10	0,241	-0,200	0,799
	0 is ref	0,538	-0,284	0,148

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
3	1	0,553	0,411	12994,552
	2	0,152	0,157	11294,158
	4	0,345*	0,128	12390,183
	5	0,059	0,132	11723,562
	6	0,041	0,135	11745,373
	7	0,116	0,140	11452,519
	8	0,052	0,148	12077,499
	9	-0,072	0,173	12699,276
	10	0,451	0,260	13043
	0 is ref	0,084	0,118	11521,983
	4	1	0,209	0,399	12929,408
2		-0,192	0,127	10824,300
3		-0,345*	0,128	12390,183
5		-0,286*	0,091	12148,943
6		-0,303*	0,092	12514,962
7		-0,229*	0,097	12118,879
8		-0,293*	0,111	12665,057
9		-0,417*	0,143	13011,472
10		0,107	0,241	13043
0 is ref		-0,260*	0,067	12550,840
5		1	0,495	0,399	12937,558
	2	0,094	0,129	10254,939
	3	-0,059	0,132	11723,562
	4	0,286*	0,091	12148,943
	6	-0,017	0,090	12120,319
	7	0,057	0,100	11107,021
	8	-0,007	0,113	12203,141
	9	-0,131	0,144	12846,296
	10	0,393	0,241	13043
	0 is ref	0,026	0,069	10822,057
	6	1	0,512	0,396	12902,817
2		0,111	0,127	10894,838
3		-0,041	0,135	11745,373
4		0,303*	0,092	12514,962
5		0,017	0,090	12120,319
7		0,075	0,100	11708,864
8		0,011	0,109	12722,849
9		-0,113	0,140	13033,163
10		0,410	0,238	13043
0 is ref		0,043	0,068	12111,587

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
3	1	0,179	-0,253	1,359
	2	0,332	-0,155	0,459
	4	0,007	0,094	0,595
	5	0,659	-0,201	0,318
	6	0,761	-0,224	0,307
	7	0,408	-0,159	0,391
	8	0,726	-0,238	0,342
	9	0,676	-0,410	0,266
	10	0,082	-0,058	0,960
	0 is ref	0,476	-0,147	0,316
	4	1	0,602	-0,574	0,991
2		0,128	-0,441	0,056
3		0,007	-0,595	-0,094
5		0,002	-0,464	-0,108
6		<0,001	-0,484	-0,123
7		0,019	-0,419	-0,038
8		0,009	-0,510	-0,075
9		0,003	-0,696	-0,137
10		0,658	-0,365	0,578
0 is ref		<0,001	-0,391	-0,129
5		1	0,215	-0,287	1,276
	2	0,468	-0,159	0,346
	3	0,659	-0,318	0,201
	4	0,002	0,108	0,464
	6	0,848	-0,195	0,160
	7	0,567	-0,139	0,254
	8	0,953	-0,227	0,214
	9	0,364	-0,413	0,152
	10	0,104	-0,080	0,865
	0 is ref	0,712	-0,110	0,162
	6	1	0,196	-0,263	1,287
2		0,382	-0,138	0,359
3		0,761	-0,307	0,224
4		<0,001	0,123	0,484
5		0,848	-0,160	0,195
7		0,453	-0,121	0,270
8		0,921	-0,203	0,225
9		0,417	-0,387	0,160
10		0,085	-0,057	0,877
0 is ref		0,529	-0,091	0,177

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
7	1	0,437	0,399	12939,540
	2	0,036	0,134	10466,931
	3	-0,116	0,140	11452,519
	4	0,229 [*]	0,097	12118,879
	5	-0,057	0,100	11107,021
	6	-0,075	0,100	11708,864
	8	-0,064	0,109	12865,042
	9	-0,188	0,141	13002,808
	10	0,335	0,239	13043
	0 is ref	-0,032	0,079	11024,408
	8	1	0,501	0,400	12925,710
2		0,100	0,141	11561,535
3		-0,052	0,148	12077,499
4		0,293 [*]	0,111	12665,057
5		0,007	0,113	12203,141
6		-0,011	0,109	12722,849
7		0,064	0,109	12865,042
9		-0,124	0,141	13043
10		0,399	0,240	13043
0 is ref		0,032	0,095	12401,316
9		1	0,625	0,405	12902,226
	2	0,224	0,154	12864,731
	3	0,072	0,173	12699,276
	4	0,417 [*]	0,143	13011,472
	5	0,131	0,144	12846,296
	6	0,113	0,140	13033,163
	7	0,188	0,141	13002,808
	8	0,124	0,141	13043
	10	0,523 [*]	0,242	12977,612
	0 is ref	0,156	0,128	13040,167
	10	1	0,102	0,444	12917,380
2		-0,299	0,255	13035,745
3		-0,451	0,260	13043
4		-0,107	0,241	13043
5		-0,393	0,241	13043
6		-0,410	0,238	13043
7		-0,335	0,239	13043
8		-0,399	0,240	13043
9		-0,523 [*]	0,242	12977,612
0 is ref		-0,367	0,232	13043

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
7	1	0,274	-0,346	1,220
	2	0,788	-0,227	0,299
	3	0,408	-0,391	0,159
	4	0,019	0,038	0,419
	5	0,567	-0,254	0,139
	6	0,453	-0,270	0,121
	8	0,557	-0,278	0,150
	9	0,182	-0,465	0,088
	10	0,161	-0,134	0,804
	0 is ref	0,688	-0,187	0,124
	8	1	0,210	-0,283	1,285
2		0,477	-0,176	0,376
3		0,726	-0,342	0,238
4		0,009	0,075	0,510
5		0,953	-0,214	0,227
6		0,921	-0,225	0,203
7		0,557	-0,150	0,278
9		0,380	-0,401	0,153
10		0,096	-0,071	0,870
0 is ref		0,734	-0,154	0,218
9		1	0,123	-0,168	1,419
	2	0,144	-0,077	0,525
	3	0,676	-0,266	0,410
	4	0,003	0,137	0,696
	5	0,364	-0,152	0,413
	6	0,417	-0,160	0,387
	7	0,182	-0,088	0,465
	8	0,380	-0,153	0,401
	10	0,030	0,050	0,997
	0 is ref	0,223	-0,095	0,408
	10	1	0,819	-0,769	0,973
2		0,241	-0,799	0,200
3		0,082	-0,960	0,058
4		0,658	-0,578	0,365
5		0,104	-0,865	0,080
6		0,085	-0,877	0,057
7		0,161	-0,804	0,134
8		0,096	-0,870	0,071
9		0,030	-0,997	-0,050
0 is ref		0,114	-0,822	0,088

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
0 is ref	1	0,469	0,393	12884,132
	2	0,068	0,110	9945,436
	3	-0,084	0,118	11521,983
	4	0,260*	0,067	12550,840
	5	-0,026	0,069	10822,057
	6	-0,043	0,068	12111,587
	7	0,032	0,079	11024,408
	8	-0,032	0,095	12401,316
	9	-0,156	0,128	13040,167
	10	0,367	0,232	13043

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
0 is ref	1	0,233	-0,302	1,240
	2	0,538	-0,148	0,284
	3	0,476	-0,316	0,147
	4	<0,001	0,129	0,391
	5	0,712	-0,162	0,110
	6	0,529	-0,177	0,091
	7	0,688	-0,124	0,187
	8	0,734	-0,218	0,154
	9	0,223	-0,408	0,095
	10	0,114	-0,088	0,822

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: ObesityMorbideRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
42949672969	0,000	2,551	0,000

The F tests the effect of Heidehoogveenenstuifzand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: ObesityMorbideRIVM.

>Error # 90. Command name: MIXED
>Unexpected exception occurred.

>Execution of this command stops.

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:16:17.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: ObesityMorbideRIVM.

Information Criteria^a

-2 Log Likelihood	40351,642
Akaike's Information Criterion (AIC)	40415,642
Hurvich and Tsai's Criterion (AICC)	40415,804
Bozdogan's Criterion (CAIC)	40686,948
Schwarz's Bayesian Criterion (BIC)	40654,948

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
ObesityMorbideRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,878
	Conditional	0,909

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9925,445	7156,231	0,000
SmokingRIVM	1	13043	11498,438	0,000
ObesityRIVM	1	12976,525	49344,442	0,000
Heidehoogveenestuifzand	10	12215,173	2,551	0,004
Openagrarischgebied	3	11416,845	3,567	0,013
strand	3	12745,858	3,338	0,018
Halfopenengslotenagrarischgebied	2	12230,379	8,038	<0,001
Duinen	4	9497,803	7,044	<0,001
Bossen	3	11682,185	4,535	0,004
Moeras	2	11231,770	3,238	0,039

a. Dependent Variable: ObesityMorbideRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischedgebied=1]	0,250
	[Openagrarischedgebied=2]	0,250
	[Openagrarischedgebied=3]	0,250
	[Openagrarischedgebied=4]	0,250
	[strand=1]	0,250
	[strand=2]	0,250
	[strand=3]	0,250
	[strand=4]	0,250
	[Halfopenengeslotenagrarischedgebied=1]	0,333
	[Halfopenengeslotenagrarischedgebied=2]	0,333
	[Halfopenengeslotenagrarischedgebied=3]	0,333
	[Duinen=1]	0,200
	[Duinen=2]	0,200
	[Duinen=3]	0,200
	[Duinen=4]	0,200
	[Duinen=5]	0,200
	[Bossen=1]	0,250
	[Bossen=2]	0,250

Intercept

L1

[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

SmokingRIVM

L2

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects		
Intercept		0
SmokingRIVM		0
ObesityRIVM		1
[Heidehoogveenestuifzand=1]		0
[Heidehoogveenestuifzand=2]		0
[Heidehoogveenestuifzand=3]		0
[Heidehoogveenestuifzand=4]		0
[Heidehoogveenestuifzand=5]		0
[Heidehoogveenestuifzand=6]		0
[Heidehoogveenestuifzand=7]		0
[Heidehoogveenestuifzand=8]		0
[Heidehoogveenestuifzand=9]		0
[Heidehoogveenestuifzand=10]		0
[Heidehoogveenestuifzand=11]		0
[Openagrarischgebied=1]		0
[Openagrarischgebied=2]		0
[Openagrarischgebied=3]		0

ObesityRIVM

L3

[Openagrarischgebied=4]	0
[strand=1]	0
[strand=2]	0
[strand=3]	0
[strand=4]	0
[Halfopenengeslotenagrarisc hgebied=1]	0
[Halfopenengeslotenagrarisc hgebied=2]	0
[Halfopenengeslotenagrarisc hgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand =1]	1	0	0	0	0
	[Heidehoogveenestuifzand =2]	0	1	0	0	0
	[Heidehoogveenestuifzand =3]	0	0	1	0	0
	[Heidehoogveenestuifzand =4]	0	0	0	1	0
	[Heidehoogveenestuifzand =5]	0	0	0	0	1
	[Heidehoogveenestuifzand =6]	0	0	0	0	0
	[Heidehoogveenestuifzand =7]	0	0	0	0	0
	[Heidehoogveenestuifzand =8]	0	0	0	0	0
	[Heidehoogveenestuifzand =9]	0	0	0	0	0
	[Heidehoogveenestuifzand =10]	0	0	0	0	0
	[Heidehoogveenestuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	0	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	0	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	0	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	0	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	0
	[Heidehoogveenestuifzand=6]	1	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	1	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	1	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	1	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	1
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

	L4	L5	L6	L7	L8
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenestuifzand

	L9	L10	L11	L12	L13
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

	L15	L16	L17
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenestuifzand =1]	0	0	0
[Heidehoogveenestuifzand =2]	0	0	0
[Heidehoogveenestuifzand =3]	0	0	0
[Heidehoogveenestuifzand =4]	0	0	0
[Heidehoogveenestuifzand =5]	0	0	0
[Heidehoogveenestuifzand =6]	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0
[Openagrarischgebied=1]	1	0	0
[Openagrarischgebied=2]	0	1	0
[Openagrarischgebied=3]	0	0	1
[Openagrarischgebied=4]	-1	-1	-1

Open agrarisch gebied

	L15	L16	L17
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengslotenagraris hgebied=1]	0	0	0
[Halfopenengslotenagraris hgebied=2]	0	0	0
[Halfopenengslotenagraris hgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

		L19	L20	L21
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	1	0	0
	[strand=2]	0	1	0
	[strand=3]	0	0	1
	[strand=4]	-1	-1	-1
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

strand

	L19	L20	L21
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1

Halfopenengeslotenagrarischgebied

	L23	L24
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L26	L27	L28	L29
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L31	L32	L33
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0

Bossen

	L31	L32	L33
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0

Moeras

	L35	L36
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	-14,827066	0,118085	8932,065	-125,563	0,000
SmokingRIVM	0,278232	0,002595	13043	107,231	0,000
ObesityRIVM	0,491794	0,002214	12976,525	222,136	0,000
[Heidehoogveenestuifzand=1]	-0,468895	0,393253	12884,132	-1,192	0,233
[Heidehoogveenestuifzand=2]	-0,067871	0,110150	9945,436	-0,616	0,538
[Heidehoogveenestuifzand=3]	0,084152	0,118154	11521,983	0,712	0,476
[Heidehoogveenestuifzand=4]	-0,260364	0,066828	12550,840	-3,896	<0,001
[Heidehoogveenestuifzand=5]	0,025641	0,069398	10822,057	0,369	0,712
[Heidehoogveenestuifzand=6]	0,042989	0,068295	12111,587	0,629	0,529
[Heidehoogveenestuifzand=7]	-0,031820	0,079332	11024,408	-0,401	0,688
[Heidehoogveenestuifzand=8]	0,032221	0,094815	12401,316	0,340	0,734
[Heidehoogveenestuifzand=9]	0,156349	0,128420	13040,167	1,217	0,223
[Heidehoogveenestuifzand=10]	-0,366943	0,232269	13043	-1,580	0,114
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	0,025739	0,033223	10221,034	0,775	0,439

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	-15,058540	-14,595593
SmokingRIVM	0,273146	0,283318
ObesityRIVM	0,487454	0,496133
[Heidehoogveenenstuifzand =1]	-1,239728	0,301939
[Heidehoogveenenstuifzand =2]	-0,283787	0,148046
[Heidehoogveenenstuifzand =3]	-0,147451	0,315754
[Heidehoogveenenstuifzand =4]	-0,391356	-0,129372
[Heidehoogveenenstuifzand =5]	-0,110391	0,161674
[Heidehoogveenenstuifzand =6]	-0,090879	0,176858
[Heidehoogveenenstuifzand =7]	-0,187325	0,123685
[Heidehoogveenenstuifzand =8]	-0,153631	0,218073
[Heidehoogveenenstuifzand =9]	-0,095373	0,408071
[Heidehoogveenenstuifzand =10]	-0,822224	0,088338
[Heidehoogveenenstuifzand =11]	.	.
[Openagrarischgebied=1]	-0,039385	0,090863

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Openagrarischgebiet=2]	-0,047441	0,044972	9540,661	-1,055	0,291
[Openagrarischgebiet=3]	-0,185128	0,069786	11428,588	-2,653	0,008
[Openagrarischgebiet=4]	0 ^b	0	.	.	.
[strand=1]	-0,187663	0,149722	12939,299	-1,253	0,210
[strand=2]	-0,195815	0,163066	12886,277	-1,201	0,230
[strand=3]	-0,365232	0,125251	12486,454	-2,916	0,004
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisc hgebiet=1]	0,119778	0,030076	11544,196	3,982	<0,001
[Halfopenengeslotenagrarisc hgebiet=2]	0,187245	0,251984	12993,941	0,743	0,457
[Halfopenengeslotenagrarisc hgebiet=3]	0 ^b	0	.	.	.
[Duinen=1]	0,148382	0,128626	10963,441	1,154	0,249
[Duinen=2]	-0,004227	0,105439	8151,415	-0,040	0,968
[Duinen=3]	-0,023400	0,210478	11850,228	-0,111	0,911
[Duinen=4]	-1,873222	0,380840	7211,756	-4,919	<0,001
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	0,117087	0,031837	11785,866	3,678	<0,001
[Bossen=2]	0,091210	0,045587	11687,583	2,001	0,045
[Bossen=3]	0,083378	0,066482	11399,419	1,254	0,210
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,190710	0,088744	11312,622	-2,149	0,032
[Moeras=2]	0,034155	0,029983	11161,105	1,139	0,255
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Openagrarischgebied=2]	-0,135596	0,040713
[Openagrarischgebied=3]	-0,321920	-0,048336
[Openagrarischgebied=4]	.	.
[strand=1]	-0,481141	0,105815
[strand=2]	-0,515449	0,123819
[strand=3]	-0,610743	-0,119720
[strand=4]	.	.
[Halfopenengeslotenagrarisc hgebied=1]	0,060823	0,178732
[Halfopenengeslotenagrarisc hgebied=2]	-0,306680	0,681170
[Halfopenengeslotenagrarisc hgebied=3]	.	.
[Duinen=1]	-0,103748	0,400513
[Duinen=2]	-0,210915	0,202461
[Duinen=3]	-0,435972	0,389172
[Duinen=4]	-2,619780	-1,126663
[Duinen=5]	.	.
[Bossen=1]	0,054680	0,179493
[Bossen=2]	0,001852	0,180568
[Bossen=3]	-0,046939	0,213694
[Bossen=4]	.	.
[Moeras=1]	-0,364664	-0,016755
[Moeras=2]	-0,024617	0,092927
[Moeras=3]	.	.

a. Dependent Variable: ObesityMorbideRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		1,203428	0,015094	79,728	0,000	1,174205
Intercept [subject = MunicipalityRIVM]	Variance	0,408414	0,035225	11,595	<0,001	0,344895

Estimates of Covariance Parameters^a

Parameter	95% ...	
	Upper Bound	
Residual	1,233378	
Intercept [subject = MunicipalityRIVM]	Variance	0,483631

a. Dependent Variable: ObesityMorbideRIVM.

Estimated Marginal Means

Openagrarischgebied

Contrast Coefficients

Parameter	Openagrarischgebied				
	1	2	3	0 is ref	
Fixed Effects Intercept	1	1	1	1	
SmokingRIVM	16,461	16,461	16,461	16,461	
ObesityRIVM	50,499	50,499	50,499	50,499	
[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091	
[Openagrarischgebied=1]	1	0	0	0	
[Openagrarischgebied=2]	0	1	0	0	
[Openagrarischgebied=3]	0	0	1	0	
[Openagrarischgebied=4]	0	0	0	1	
[strand=1]	0,250	0,250	0,250	0,250	
[strand=2]	0,250	0,250	0,250	0,250	
[strand=3]	0,250	0,250	0,250	0,250	
[strand=4]	0,250	0,250	0,250	0,250	

Contrast Coefficients

Parameter	Openagrarischgebied			
	1	2	3	0 is ref
[Halfopenengeslotenagrarischgebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

Openagrarischgebied	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	14,122 ^b	0,149	8070,638	13,830	14,414
2	14,048 ^b	0,151	8245,222	13,752	14,345
3	13,911 ^b	0,155	8435,631	13,607	14,215
0 is ref	14,096 ^b	0,151	7983,240	13,801	14,391

a. Dependent Variable: ObesityMorbideRIVM.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Openagrarisches Gebiet	(J) Openagrarisches Gebiet	Mean Difference (I-J)	Std. Error	df
1	2	0,073	0,039	11804,760
	3	0,211*	0,066	12335,071
	0 is ref	0,026	0,033	10221,034
2	1	-0,073	0,039	11804,760
	3	0,138*	0,063	12930,745
	0 is ref	-0,047	0,045	9540,661
3	1	-0,211*	0,066	12335,071
	2	-0,138*	0,063	12930,745
	0 is ref	-0,185*	0,070	11428,588
0 is ref	1	-0,026	0,033	10221,034
	2	0,047	0,045	9540,661
	3	0,185*	0,070	11428,588

Pairwise Comparisons^a

(I) Openagrarisches Gebiet	(J) Openagrarisches Gebiet	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,064	-0,004	0,151
	3	0,001	0,081	0,341
	0 is ref	0,439	-0,039	0,091
2	1	0,064	-0,151	0,004
	3	0,029	0,014	0,261
	0 is ref	0,291	-0,136	0,041
3	1	0,001	-0,341	-0,081
	2	0,029	-0,261	-0,014
	0 is ref	0,008	-0,322	-0,048
0 is ref	1	0,439	-0,091	0,039
	2	0,291	-0,041	0,136
	3	0,008	0,048	0,322

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: ObesityMorbideRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	11245,165	3,567	0,013

The F tests the effect of Openagrarischgebied. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: ObesityMorbideRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:16:18.

Mixed Model Analysis

Warnings

A program error has occurred: Attempt to free unallocated memory. Please note the circumstances under which this error occurred, attempting to replicate it if possible, and then notify Technical Support.
This is an error from which the application cannot recover.
The SPSS Statistics run will terminate now.

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: ObesityMorbideRIVM.

Information Criteria^a

-2 Log Likelihood	40351,642
Akaike's Information Criterion (AIC)	40415,642
Hurvich and Tsai's Criterion (AICC)	40415,804
Bozdogan's Criterion (CAIC)	40686,948
Schwarz's Bayesian Criterion (BIC)	40654,948

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
ObesityMorbideRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,878
	Conditional	0,909

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9925,445	7156,231	0,000
SmokingRIVM	1	13043	11498,438	0,000
ObesityRIVM	1	12976,525	49344,442	0,000
Heidehoogveenenstuifzand	10	12215,173	2,551	0,004
Openagrarisched gebied	3	11416,845	3,567	0,013
strand	3	12745,858	3,338	0,018
Halfopenengeslotenagrarisched gebied	2	12230,379	8,038	<0,001
Duinen	4	9497,803	7,044	<0,001
Bossen	3	11682,185	4,535	0,004
Moeras	2	11231,770	3,238	0,039

a. Dependent Variable: ObesityMorbideRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarisched gebied=1]	0,250
	[Openagrarisched gebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand=1]	0
	[Heidehoogveenenstuifzand=2]	0
	[Heidehoogveenenstuifzand=3]	0
	[Heidehoogveenenstuifzand=4]	0
	[Heidehoogveenenstuifzand=5]	0
	[Heidehoogveenenstuifzand=6]	0
	[Heidehoogveenenstuifzand=7]	0
	[Heidehoogveenenstuifzand=8]	0
	[Heidehoogveenenstuifzand=9]	0
	[Heidehoogveenenstuifzand=10]	0
	[Heidehoogveenenstuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	1	0
[Halfopenengeslotenagrarisc hgebied=2]	0	1
[Halfopenengeslotenagrarisc hgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischgebied=1]	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrari shgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrari schgebied=1]	0	0
[Openagrari schgebied=2]	0	0
[Openagrari schgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	-14,827066	0,118085	8932,065	-125,563	0,000
SmokingRIVM	0,278232	0,002595	13043	107,231	0,000
ObesityRIVM	0,491794	0,002214	12976,525	222,136	0,000
[Heidehoogveenenstuifzand=1]	-0,468895	0,393253	12884,132	-1,192	0,233
[Heidehoogveenenstuifzand=2]	-0,067871	0,110150	9945,436	-0,616	0,538
[Heidehoogveenenstuifzand=3]	0,084152	0,118154	11521,983	0,712	0,476
[Heidehoogveenenstuifzand=4]	-0,260364	0,066828	12550,840	-3,896	<0,001
[Heidehoogveenenstuifzand=5]	0,025641	0,069398	10822,057	0,369	0,712
[Heidehoogveenenstuifzand=6]	0,042989	0,068295	12111,587	0,629	0,529
[Heidehoogveenenstuifzand=7]	-0,031820	0,079332	11024,408	-0,401	0,688
[Heidehoogveenenstuifzand=8]	0,032221	0,094815	12401,316	0,340	0,734
[Heidehoogveenenstuifzand=9]	0,156349	0,128420	13040,167	1,217	0,223
[Heidehoogveenenstuifzand=10]	-0,366943	0,232269	13043	-1,580	0,114
[Heidehoogveenenstuifzand=11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	0,025739	0,033223	10221,034	0,775	0,439
[Openagrarischgebied=2]	-0,047441	0,044972	9540,661	-1,055	0,291
[Openagrarischgebied=3]	-0,185128	0,069786	11428,588	-2,653	0,008
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	-0,187663	0,149722	12939,299	-1,253	0,210
[strand=2]	-0,195815	0,163066	12886,277	-1,201	0,230
[strand=3]	-0,365232	0,125251	12486,454	-2,916	0,004
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarischgebied=1]	0,119778	0,030076	11544,196	3,982	<0,001
[Halfopenengeslotenagrarischgebied=2]	0,187245	0,251984	12993,941	0,743	0,457
[Halfopenengeslotenagrarischgebied=3]	0 ^b	0	.	.	.
[Duinen=1]	0,148382	0,128626	10963,441	1,154	0,249
[Duinen=2]	-0,004227	0,105439	8151,415	-0,040	0,968
[Duinen=3]	-0,023400	0,210478	11850,228	-0,111	0,911
[Duinen=4]	-1,873222	0,380840	7211,756	-4,919	<0,001
[Duinen=5]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	-15,058540	-14,595593
SmokingRIVM	0,273146	0,283318
ObesityRIVM	0,487454	0,496133
[Heidehoogveenenstuifzand=1]	-1,239728	0,301939
[Heidehoogveenenstuifzand=2]	-0,283787	0,148046
[Heidehoogveenenstuifzand=3]	-0,147451	0,315754
[Heidehoogveenenstuifzand=4]	-0,391356	-0,129372
[Heidehoogveenenstuifzand=5]	-0,110391	0,161674
[Heidehoogveenenstuifzand=6]	-0,090879	0,176858
[Heidehoogveenenstuifzand=7]	-0,187325	0,123685
[Heidehoogveenenstuifzand=8]	-0,153631	0,218073
[Heidehoogveenenstuifzand=9]	-0,095373	0,408071
[Heidehoogveenenstuifzand=10]	-0,822224	0,088338
[Heidehoogveenenstuifzand=11]	.	.
[Openagrarischedgebied=1]	-0,039385	0,090863
[Openagrarischedgebied=2]	-0,135596	0,040713
[Openagrarischedgebied=3]	-0,321920	-0,048336
[Openagrarischedgebied=4]	.	.
[strand=1]	-0,481141	0,105815
[strand=2]	-0,515449	0,123819
[strand=3]	-0,610743	-0,119720
[strand=4]	.	.
[Halfopenengeslotenagrarischedgebied=1]	0,060823	0,178732
[Halfopenengeslotenagrarischedgebied=2]	-0,306680	0,681170
[Halfopenengeslotenagrarischedgebied=3]	.	.
[Duinen=1]	-0,103748	0,400513
[Duinen=2]	-0,210915	0,202461
[Duinen=3]	-0,435972	0,389172
[Duinen=4]	-2,619780	-1,126663
[Duinen=5]	.	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Bossen=1]	0,117087	0,031837	11785,866	3,678	<0,001
[Bossen=2]	0,091210	0,045587	11687,583	2,001	0,045
[Bossen=3]	0,083378	0,066482	11399,419	1,254	0,210
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,190710	0,088744	11312,622	-2,149	0,032
[Moeras=2]	0,034155	0,029983	11161,105	1,139	0,255
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Bossen=1]	0,054680	0,179493
[Bossen=2]	0,001852	0,180568
[Bossen=3]	-0,046939	0,213694
[Bossen=4]	.	.
[Moeras=1]	-0,364664	-0,016755
[Moeras=2]	-0,024617	0,092927
[Moeras=3]	.	.

a. Dependent Variable: ObesityMorbideRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual	1,203428	0,015094	79,728	0,000	1,174205
Intercept [subject = MunicipalityRIVM]	Variance 0,408414	0,035225	11,595	<0,001	0,344895

Estimates of Covariance Parameters^a

Parameter	95% ... Upper Bound
Residual	1,233378
Intercept [subject = MunicipalityRIVM]	Variance 0,483631

a. Dependent Variable: ObesityMorbideRIVM.

Estimated Marginal Means

strand

Contrast Coefficients

Parameter	strand			
	1	2	3	0 is ref
Fixed Effects Intercept	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499
[Heidehoogveenenstuifzand=1]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=2]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=3]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=4]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=5]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=6]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=7]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=8]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=9]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=10]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=11]	0,091	0,091	0,091	0,091
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250
[strand=1]	1	0	0	0
[strand=2]	0	1	0	0
[strand=3]	0	0	1	0
[strand=4]	0	0	0	1
[Halfopenengeslotenagrarischgebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	strand			
	1	2	3	0 is ref
[Bossen=2]	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

strand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	14,044 ^b	0,207	11029,346	13,637	14,450
2	14,035 ^b	0,193	9691,810	13,656	14,415
3	13,866 ^b	0,171	9775,578	13,530	14,202
0 is ref	14,231 ^b	0,150	8058,999	13,936	14,526

a. Dependent Variable: ObesityMorbideRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) strand	(J) strand	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ...
						Lower Bound
1	2	0,008	0,210	13011,488	0,969	-0,403
	3	0,178	0,188	12779,524	0,344	-0,190
	0 is ref	-0,188	0,150	12939,299	0,210	-0,481
2	1	-0,008	0,210	13011,488	0,969	-0,419
	3	0,169	0,190	12655,620	0,371	-0,202
	0 is ref	-0,196	0,163	12886,277	0,230	-0,515
3	1	-0,178	0,188	12779,524	0,344	-0,546
	2	-0,169	0,190	12655,620	0,371	-0,541
	0 is ref	-0,365 [*]	0,125	12486,454	0,004	-0,611
0 is ref	1	0,188	0,150	12939,299	0,210	-0,106
	2	0,196	0,163	12886,277	0,230	-0,124
	3	0,365 [*]	0,125	12486,454	0,004	0,120

Pairwise Comparisons^a

(I) strand	(J) strand	95% Confidence Interval for μ_{i-j}
		Upper Bound
1	2	0,419
	3	0,546
	0 is ref	0,106
2	1	0,403
	3	0,541
	0 is ref	0,124
3	1	0,190
	2	0,202
	0 is ref	-0,120
0 is ref	1	0,481
	2	0,515
	3	0,611

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: ObesityMorbideRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	12770,999	3,338	0,018

The F tests the effect of strand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: ObesityMorbideRIVM.

Mixed Model Analysis

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Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: ObesityMorbideRIVM.

Information Criteria^a

-2 Log Likelihood	40351,642
Akaike's Information Criterion (AIC)	40415,642
Hurvich and Tsai's Criterion (AICC)	40415,804
Bozdogan's Criterion (CAIC)	40686,948
Schwarz's Bayesian Criterion (BIC)	40654,948

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
ObesityMorbidityRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,878
	Conditional	0,909

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9925,445	7156,231	0,000
SmokingRIVM	1	13043	11498,438	0,000
ObesityRIVM	1	12976,525	49344,442	0,000
Heidehoogveenestuifzand	10	12215,173	2,551	0,004
Openagrarischgebied	3	11416,845	3,567	0,013
strand	3	12745,858	3,338	0,018
Halfopenengslotenagrarischgebied	2	12230,379	8,038	<0,001
Duinen	4	9497,803	7,044	<0,001
Bossen	3	11682,185	4,535	0,004
Moeras	2	11231,770	3,238	0,039

a. Dependent Variable: ObesityMorbidityRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischedgebied=1]	0,250
	[Openagrarischedgebied=2]	0,250
	[Openagrarischedgebied=3]	0,250
	[Openagrarischedgebied=4]	0,250
	[strand=1]	0,250
	[strand=2]	0,250
	[strand=3]	0,250
	[strand=4]	0,250
	[Halfopenengeslotenagrarischedgebied=1]	0,333
	[Halfopenengeslotenagrarischedgebied=2]	0,333
	[Halfopenengeslotenagrarischedgebied=3]	0,333
	[Duinen=1]	0,200
	[Duinen=2]	0,200
	[Duinen=3]	0,200
	[Duinen=4]	0,200
	[Duinen=5]	0,200
	[Bossen=1]	0,250
	[Bossen=2]	0,250

Intercept

L1

[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0

SmokingRIVM

L2

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0

ObesityRIVM

L3

[Openagrarischgebied=4]	0
[strand=1]	0
[strand=2]	0
[strand=3]	0
[strand=4]	0
[Halfopenengeslotenagrarisc hgebied=1]	0
[Halfopenengeslotenagrarisc hgebied=2]	0
[Halfopenengeslotenagrarisc hgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand =1]	1	0	0	0	0
	[Heidehoogveenestuifzand =2]	0	1	0	0	0
	[Heidehoogveenestuifzand =3]	0	0	1	0	0
	[Heidehoogveenestuifzand =4]	0	0	0	1	0
	[Heidehoogveenestuifzand =5]	0	0	0	0	1
	[Heidehoogveenestuifzand =6]	0	0	0	0	0
	[Heidehoogveenestuifzand =7]	0	0	0	0	0
	[Heidehoogveenestuifzand =8]	0	0	0	0	0
	[Heidehoogveenestuifzand =9]	0	0	0	0	0
	[Heidehoogveenestuifzand =10]	0	0	0	0	0
	[Heidehoogveenestuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

	L4	L5	L6	L7	L8
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenestuifzand

	L9	L10	L11	L12	L13
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

	L15	L16	L17
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenestuifzand =1]	0	0	0
[Heidehoogveenestuifzand =2]	0	0	0
[Heidehoogveenestuifzand =3]	0	0	0
[Heidehoogveenestuifzand =4]	0	0	0
[Heidehoogveenestuifzand =5]	0	0	0
[Heidehoogveenestuifzand =6]	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0
[Openagrarischgebied=1]	1	0	0
[Openagrarischgebied=2]	0	1	0
[Openagrarischgebied=3]	0	0	1
[Openagrarischgebied=4]	-1	-1	-1

Open agrarisch gebied

	L15	L16	L17
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengslotenagraris hgebied=1]	0	0	0
[Halfopenengslotenagraris hgebied=2]	0	0	0
[Halfopenengslotenagraris hgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

		L19	L20	L21
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischedgebied=1]	0	0	0
	[Openagrarischedgebied=2]	0	0	0
	[Openagrarischedgebied=3]	0	0	0
	[Openagrarischedgebied=4]	0	0	0
	[strand=1]	1	0	0
	[strand=2]	0	1	0
	[strand=3]	0	0	1
	[strand=4]	-1	-1	-1
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

strand

	L19	L20	L21
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischedgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	1	0
[Halfopenengeslotenagrarischedgebied=2]	0	1

Halfopenengeslotenagrarischgebied

	L23	L24
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L26	L27	L28	L29
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L31	L32	L33
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0

Bossen

	L31	L32	L33
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0

Moeras

	L35	L36
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	-14,827066	0,118085	8932,065	-125,563	0,000
SmokingRIVM	0,278232	0,002595	13043	107,231	0,000
ObesityRIVM	0,491794	0,002214	12976,525	222,136	0,000
[Heidehoogveenestuifzand=1]	-0,468895	0,393253	12884,132	-1,192	0,233
[Heidehoogveenestuifzand=2]	-0,067871	0,110150	9945,436	-0,616	0,538
[Heidehoogveenestuifzand=3]	0,084152	0,118154	11521,983	0,712	0,476
[Heidehoogveenestuifzand=4]	-0,260364	0,066828	12550,840	-3,896	<0,001
[Heidehoogveenestuifzand=5]	0,025641	0,069398	10822,057	0,369	0,712
[Heidehoogveenestuifzand=6]	0,042989	0,068295	12111,587	0,629	0,529
[Heidehoogveenestuifzand=7]	-0,031820	0,079332	11024,408	-0,401	0,688
[Heidehoogveenestuifzand=8]	0,032221	0,094815	12401,316	0,340	0,734
[Heidehoogveenestuifzand=9]	0,156349	0,128420	13040,167	1,217	0,223
[Heidehoogveenestuifzand=10]	-0,366943	0,232269	13043	-1,580	0,114
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	0,025739	0,033223	10221,034	0,775	0,439

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	-15,058540	-14,595593
SmokingRIVM	0,273146	0,283318
ObesityRIVM	0,487454	0,496133
[Heidehoogveenenstuifzand =1]	-1,239728	0,301939
[Heidehoogveenenstuifzand =2]	-0,283787	0,148046
[Heidehoogveenenstuifzand =3]	-0,147451	0,315754
[Heidehoogveenenstuifzand =4]	-0,391356	-0,129372
[Heidehoogveenenstuifzand =5]	-0,110391	0,161674
[Heidehoogveenenstuifzand =6]	-0,090879	0,176858
[Heidehoogveenenstuifzand =7]	-0,187325	0,123685
[Heidehoogveenenstuifzand =8]	-0,153631	0,218073
[Heidehoogveenenstuifzand =9]	-0,095373	0,408071
[Heidehoogveenenstuifzand =10]	-0,822224	0,088338
[Heidehoogveenenstuifzand =11]	.	.
[Openagrarischgebied=1]	-0,039385	0,090863

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Openagrarischgebied=2]	-0,047441	0,044972	9540,661	-1,055	0,291
[Openagrarischgebied=3]	-0,185128	0,069786	11428,588	-2,653	0,008
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	-0,187663	0,149722	12939,299	-1,253	0,210
[strand=2]	-0,195815	0,163066	12886,277	-1,201	0,230
[strand=3]	-0,365232	0,125251	12486,454	-2,916	0,004
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarischgebied=1]	0,119778	0,030076	11544,196	3,982	<0,001
[Halfopenengeslotenagrarischgebied=2]	0,187245	0,251984	12993,941	0,743	0,457
[Halfopenengeslotenagrarischgebied=3]	0 ^b	0	.	.	.
[Duinen=1]	0,148382	0,128626	10963,441	1,154	0,249
[Duinen=2]	-0,004227	0,105439	8151,415	-0,040	0,968
[Duinen=3]	-0,023400	0,210478	11850,228	-0,111	0,911
[Duinen=4]	-1,873222	0,380840	7211,756	-4,919	<0,001
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	0,117087	0,031837	11785,866	3,678	<0,001
[Bossen=2]	0,091210	0,045587	11687,583	2,001	0,045
[Bossen=3]	0,083378	0,066482	11399,419	1,254	0,210
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,190710	0,088744	11312,622	-2,149	0,032
[Moeras=2]	0,034155	0,029983	11161,105	1,139	0,255
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Openagrarischgebied=2]	-0,135596	0,040713
[Openagrarischgebied=3]	-0,321920	-0,048336
[Openagrarischgebied=4]	.	.
[strand=1]	-0,481141	0,105815
[strand=2]	-0,515449	0,123819
[strand=3]	-0,610743	-0,119720
[strand=4]	.	.
[Halfopenengeslotenagrarisc hgebied=1]	0,060823	0,178732
[Halfopenengeslotenagrarisc hgebied=2]	-0,306680	0,681170
[Halfopenengeslotenagrarisc hgebied=3]	.	.
[Duinen=1]	-0,103748	0,400513
[Duinen=2]	-0,210915	0,202461
[Duinen=3]	-0,435972	0,389172
[Duinen=4]	-2,619780	-1,126663
[Duinen=5]	.	.
[Bossen=1]	0,054680	0,179493
[Bossen=2]	0,001852	0,180568
[Bossen=3]	-0,046939	0,213694
[Bossen=4]	.	.
[Moeras=1]	-0,364664	-0,016755
[Moeras=2]	-0,024617	0,092927
[Moeras=3]	.	.

a. Dependent Variable: ObesityMorbideRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ...
						Lower Bound
Residual		1,203428	0,015094	79,728	0,000	1,174205
Intercept [subject = MunicipalityRIVM]	Variance	0,408414	0,035225	11,595	<0,001	0,344895

Estimates of Covariance Parameters^a

Parameter	95% ...	
	Upper Bound	
Residual	1,233378	
Intercept [subject = MunicipalityRIVM]	Variance	0,483631

a. Dependent Variable: ObesityMorbideRIVM.

Estimated Marginal Means

Halfopenengeslotenagrarischgebied

Contrast Coefficients

Parameter	Halfopenengeslotenagrarischgebied		
	1	2	0 is ref
Fixed Effects Intercept	1	1	1
SmokingRIVM	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499
[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091
[Openagrarischgebied=1]	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250

Contrast Coefficients

Parameter	Halfopenengeslotenagrarischgebied		
	1	2	0 is ref
[Halfopenengeslotenagrarischgebied=1]	1	0	0
[Halfopenengeslotenagrarischgebied=2]	0	1	0
[Halfopenengeslotenagrarischgebied=3]	0	0	1
[Duinen=1]	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333

Estimates^a

Halfopenengeslotenagrarischgebied	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	14,062 ^b	0,122	5309,573	13,823	14,300
2	14,129 ^b	0,280	12709,842	13,580	14,678
0 is ref	13,942 ^b	0,122	5326,439	13,703	14,180

a. Dependent Variable: ObesityMorbideRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Halfopenengeslotenagraris hgebied	(J) Halfopenengeslotenagraris hgebied	Mean Difference (I-J)	Std. Error	df
1	2	-0,067	0,252	12995,950
	0 is ref	0,120*	0,030	11544,196
2	1	0,067	0,252	12995,950
	0 is ref	0,187	0,252	12993,941
0 is ref	1	-0,120*	0,030	11544,196
	2	-0,187	0,252	12993,941

Pairwise Comparisons^a

(I) Halfopenengeslotenagraris hgebied	(J) Halfopenengeslotenagraris hgebied	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,789	-0,561	0,426
	0 is ref	<0,001	0,061	0,179
2	1	0,789	-0,426	0,561
	0 is ref	0,457	-0,307	0,681
0 is ref	1	<0,001	-0,179	-0,061
	2	0,457	-0,681	0,307

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: ObesityMorbideRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
2	12235,424	8,038	<0,001

The F tests the effect of Halfopenengeslotenagraris hgebied. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: ObesityMorbideRIVM.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: ObesityMorbideRIVM.

Information Criteria^a

-2 Log Likelihood	40351,642
Akaike's Information Criterion (AIC)	40415,642
Hurvich and Tsai's Criterion (AICC)	40415,804
Bozdogan's Criterion (CAIC)	40686,948
Schwarz's Bayesian Criterion (BIC)	40654,948

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
ObesityMorbidityRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,878
	Conditional	0,909

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9925,445	7156,231	0,000
SmokingRIVM	1	13043	11498,438	0,000
ObesityRIVM	1	12976,525	49344,442	0,000
Heidehoogveenestuifzand	10	12215,173	2,551	0,004
Openagrarischesgebied	3	11416,845	3,567	0,013
strand	3	12745,858	3,338	0,018
Halfopenengslotenagrarischesgebied	2	12230,379	8,038	<0,001
Duinen	4	9497,803	7,044	<0,001
Bossen	3	11682,185	4,535	0,004
Moeras	2	11231,770	3,238	0,039

a. Dependent Variable: ObesityMorbidityRIVM.

Type III Estimable Functions

Intercept

L1

Fixed Effects		L1
Intercept		1
SmokingRIVM		0
ObesityRIVM		0
[Heidehoogveenenstuifzand =1]		0,091
[Heidehoogveenenstuifzand =2]		0,091
[Heidehoogveenenstuifzand =3]		0,091
[Heidehoogveenenstuifzand =4]		0,091
[Heidehoogveenenstuifzand =5]		0,091
[Heidehoogveenenstuifzand =6]		0,091
[Heidehoogveenenstuifzand =7]		0,091
[Heidehoogveenenstuifzand =8]		0,091
[Heidehoogveenenstuifzand =9]		0,091
[Heidehoogveenenstuifzand =10]		0,091
[Heidehoogveenenstuifzand =11]		0,091
[Openagrarischedgebied=1]		0,250
[Openagrarischedgebied=2]		0,250
[Openagrarischedgebied=3]		0,250
[Openagrarischedgebied=4]		0,250
[strand=1]		0,250
[strand=2]		0,250
[strand=3]		0,250
[strand=4]		0,250
[Halfopenengeslotenagrarischedgebied=1]		0,333
[Halfopenengeslotenagrarischedgebied=2]		0,333
[Halfopenengeslotenagrarischedgebied=3]		0,333
[Duinen=1]		0,200
[Duinen=2]		0,200
[Duinen=3]		0,200
[Duinen=4]		0,200
[Duinen=5]		0,200
[Bossen=1]		0,250
[Bossen=2]		0,250

Intercept

L1

[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0

SmokingRIVM

L2

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0

ObesityRIVM

L3

[Openagrarischgebied=4]	0
[strand=1]	0
[strand=2]	0
[strand=3]	0
[strand=4]	0
[Halfopenengeslotenagrarisc hgebied=1]	0
[Halfopenengeslotenagrarisc hgebied=2]	0
[Halfopenengeslotenagrarisc hgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenstuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand =1]	1	0	0	0	0
	[Heidehoogveenstuifzand =2]	0	1	0	0	0
	[Heidehoogveenstuifzand =3]	0	0	1	0	0
	[Heidehoogveenstuifzand =4]	0	0	0	1	0
	[Heidehoogveenstuifzand =5]	0	0	0	0	1
	[Heidehoogveenstuifzand =6]	0	0	0	0	0
	[Heidehoogveenstuifzand =7]	0	0	0	0	0
	[Heidehoogveenstuifzand =8]	0	0	0	0	0
	[Heidehoogveenstuifzand =9]	0	0	0	0	0
	[Heidehoogveenstuifzand =10]	0	0	0	0	0
	[Heidehoogveenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

	L4	L5	L6	L7	L8
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenestuifzand

	L9	L10	L11	L12	L13
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

	L15	L16	L17
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenestuifzand =1]	0	0	0
[Heidehoogveenestuifzand =2]	0	0	0
[Heidehoogveenestuifzand =3]	0	0	0
[Heidehoogveenestuifzand =4]	0	0	0
[Heidehoogveenestuifzand =5]	0	0	0
[Heidehoogveenestuifzand =6]	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0
[Openagrarischgebied=1]	1	0	0
[Openagrarischgebied=2]	0	1	0
[Openagrarischgebied=3]	0	0	1
[Openagrarischgebied=4]	-1	-1	-1

Open agrarisch gebied

	L15	L16	L17
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengslotenagraris hgebied=1]	0	0	0
[Halfopenengslotenagraris hgebied=2]	0	0	0
[Halfopenengslotenagraris hgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

		L19	L20	L21
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischedgebied=1]	0	0	0
	[Openagrarischedgebied=2]	0	0	0
	[Openagrarischedgebied=3]	0	0	0
	[Openagrarischedgebied=4]	0	0	0
	[strand=1]	1	0	0
	[strand=2]	0	1	0
	[strand=3]	0	0	1
	[strand=4]	-1	-1	-1
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

strand

	L19	L20	L21
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1

Halfopenengeslotenagrarischgebied

	L23	L24
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L26	L27	L28	L29
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L31	L32	L33
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0

Bossen

	L31	L32	L33
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0

Moeras

	L35	L36
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	-14,827066	0,118085	8932,065	-125,563	0,000
SmokingRIVM	0,278232	0,002595	13043	107,231	0,000
ObesityRIVM	0,491794	0,002214	12976,525	222,136	0,000
[Heidehoogveenestuifzand=1]	-0,468895	0,393253	12884,132	-1,192	0,233
[Heidehoogveenestuifzand=2]	-0,067871	0,110150	9945,436	-0,616	0,538
[Heidehoogveenestuifzand=3]	0,084152	0,118154	11521,983	0,712	0,476
[Heidehoogveenestuifzand=4]	-0,260364	0,066828	12550,840	-3,896	<0,001
[Heidehoogveenestuifzand=5]	0,025641	0,069398	10822,057	0,369	0,712
[Heidehoogveenestuifzand=6]	0,042989	0,068295	12111,587	0,629	0,529
[Heidehoogveenestuifzand=7]	-0,031820	0,079332	11024,408	-0,401	0,688
[Heidehoogveenestuifzand=8]	0,032221	0,094815	12401,316	0,340	0,734
[Heidehoogveenestuifzand=9]	0,156349	0,128420	13040,167	1,217	0,223
[Heidehoogveenestuifzand=10]	-0,366943	0,232269	13043	-1,580	0,114
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	0,025739	0,033223	10221,034	0,775	0,439

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	-15,058540	-14,595593
SmokingRIVM	0,273146	0,283318
ObesityRIVM	0,487454	0,496133
[Heidehoogveenenstuifzand =1]	-1,239728	0,301939
[Heidehoogveenenstuifzand =2]	-0,283787	0,148046
[Heidehoogveenenstuifzand =3]	-0,147451	0,315754
[Heidehoogveenenstuifzand =4]	-0,391356	-0,129372
[Heidehoogveenenstuifzand =5]	-0,110391	0,161674
[Heidehoogveenenstuifzand =6]	-0,090879	0,176858
[Heidehoogveenenstuifzand =7]	-0,187325	0,123685
[Heidehoogveenenstuifzand =8]	-0,153631	0,218073
[Heidehoogveenenstuifzand =9]	-0,095373	0,408071
[Heidehoogveenenstuifzand =10]	-0,822224	0,088338
[Heidehoogveenenstuifzand =11]	.	.
[Openagrarischgebied=1]	-0,039385	0,090863

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Openagrarischgebiet=2]	-0,047441	0,044972	9540,661	-1,055	0,291
[Openagrarischgebiet=3]	-0,185128	0,069786	11428,588	-2,653	0,008
[Openagrarischgebiet=4]	0 ^b	0	.	.	.
[strand=1]	-0,187663	0,149722	12939,299	-1,253	0,210
[strand=2]	-0,195815	0,163066	12886,277	-1,201	0,230
[strand=3]	-0,365232	0,125251	12486,454	-2,916	0,004
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisc hgebiet=1]	0,119778	0,030076	11544,196	3,982	<0,001
[Halfopenengeslotenagrarisc hgebiet=2]	0,187245	0,251984	12993,941	0,743	0,457
[Halfopenengeslotenagrarisc hgebiet=3]	0 ^b	0	.	.	.
[Duinen=1]	0,148382	0,128626	10963,441	1,154	0,249
[Duinen=2]	-0,004227	0,105439	8151,415	-0,040	0,968
[Duinen=3]	-0,023400	0,210478	11850,228	-0,111	0,911
[Duinen=4]	-1,873222	0,380840	7211,756	-4,919	<0,001
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	0,117087	0,031837	11785,866	3,678	<0,001
[Bossen=2]	0,091210	0,045587	11687,583	2,001	0,045
[Bossen=3]	0,083378	0,066482	11399,419	1,254	0,210
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,190710	0,088744	11312,622	-2,149	0,032
[Moeras=2]	0,034155	0,029983	11161,105	1,139	0,255
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Openagrarischgebied=2]	-0,135596	0,040713
[Openagrarischgebied=3]	-0,321920	-0,048336
[Openagrarischgebied=4]	.	.
[strand=1]	-0,481141	0,105815
[strand=2]	-0,515449	0,123819
[strand=3]	-0,610743	-0,119720
[strand=4]	.	.
[Halfopenengeslotenagrarisc hgebied=1]	0,060823	0,178732
[Halfopenengeslotenagrarisc hgebied=2]	-0,306680	0,681170
[Halfopenengeslotenagrarisc hgebied=3]	.	.
[Duinen=1]	-0,103748	0,400513
[Duinen=2]	-0,210915	0,202461
[Duinen=3]	-0,435972	0,389172
[Duinen=4]	-2,619780	-1,126663
[Duinen=5]	.	.
[Bossen=1]	0,054680	0,179493
[Bossen=2]	0,001852	0,180568
[Bossen=3]	-0,046939	0,213694
[Bossen=4]	.	.
[Moeras=1]	-0,364664	-0,016755
[Moeras=2]	-0,024617	0,092927
[Moeras=3]	.	.

a. Dependent Variable: ObesityMorbideRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		1,203428	0,015094	79,728	0,000	1,174205
Intercept [subject = MunicipalityRIVM]	Variance	0,408414	0,035225	11,595	<0,001	0,344895

Estimates of Covariance Parameters^a

Parameter	95% ... Upper Bound
Residual	1,233378
Intercept [subject = MunicipalityRIVM]	Variance 0,483631

a. Dependent Variable: ObesityMorbideRIVM.

Estimated Marginal Means

Duinen

Contrast Coefficients

Parameter		Duinen				
		1	2	3	4	0 is ref
Fixed Effects	Intercept	1	1	1	1	1
	SmokingRIVM	16,461	16,461	16,461	16,461	16,461
	ObesityRIVM	50,499	50,499	50,499	50,499	50,499
	[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091	0,091
	[Openagrarischedgebied=1]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischedgebied=2]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischedgebied=3]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischedgebied=4]	0,250	0,250	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250	0,250	
[strand=4]	0,250	0,250	0,250	0,250	0,250	

Contrast Coefficients

Parameter	Duinen				
	1	2	3	4	0 is ref
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	1	0	0	0	0
[Duinen=2]	0	1	0	0	0
[Duinen=3]	0	0	1	0	0
[Duinen=4]	0	0	0	1	0
[Duinen=5]	0	0	0	0	1
[Bossen=1]	0,250	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Estimates^a

Duinen	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	14,543 ^b	0,173	10421,639	14,203	14,883
2	14,390 ^b	0,151	9414,923	14,095	14,686
3	14,371 ^b	0,220	11233,283	13,940	14,802
4	12,521 ^b	0,384	7239,626	11,769	13,274
0 is ref	14,395 ^b	0,130	10105,304	14,141	14,649

a. Dependent Variable: ObesityMorbideRIVM.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Duinen	(J) Duinen	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ^c ... Lower Bound
1	2	0,153	0,152	11195,735	0,316	-0,146
	3	0,172	0,230	12089,689	0,454	-0,278
	4	2,022*	0,391	7659,731	<0,001	1,256
	0 is ref	0,148	0,129	10963,441	0,249	-0,104
2	1	-0,153	0,152	11195,735	0,316	-0,451
	3	0,019	0,214	12172,901	0,929	-0,401
	4	1,869*	0,381	7624,430	<0,001	1,122
	0 is ref	-0,004	0,105	8151,415	0,968	-0,211
3	1	-0,172	0,230	12089,689	0,454	-0,622
	2	-0,019	0,214	12172,901	0,929	-0,439
	4	1,850*	0,379	10699,707	<0,001	1,107
	0 is ref	-0,023	0,210	11850,228	0,911	-0,436
4	1	-2,022*	0,391	7659,731	<0,001	-2,787
	2	-1,869*	0,381	7624,430	<0,001	-2,616
	3	-1,850*	0,379	10699,707	<0,001	-2,592
	0 is ref	-1,873*	0,381	7211,756	<0,001	-2,620
0 is ref	1	-0,148	0,129	10963,441	0,249	-0,401
	2	0,004	0,105	8151,415	0,968	-0,202
	3	0,023	0,210	11850,228	0,911	-0,389
	4	1,873*	0,381	7211,756	<0,001	1,127

Pairwise Comparisons^a

(I) Duinen	(J) Duinen	95% Confidence Interval for ^c
		Upper Bound
1	2	0,451
	3	0,622
	4	2,787
	0 is ref	0,401
2	1	0,146
	3	0,439
	4	2,616
	0 is ref	0,202
3	1	0,278
	2	0,401
	4	2,592
	0 is ref	0,389
4	1	-1,256
	2	-1,122
	3	-1,107
	0 is ref	-1,127
0 is ref	1	0,104
	2	0,211
	3	0,436
	4	2,620

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: ObesityMorbideRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
4	9539,207	7,044	<0,001

The F tests the effect of Duinen. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: ObesityMorbideRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:19:33.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
	Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: ObesityMorbideRIVM.

Information Criteria^a

-2 Log Likelihood	40351,642
Akaike's Information Criterion (AIC)	40415,642
Hurvich and Tsai's Criterion (AICC)	40415,804
Bozdogan's Criterion (CAIC)	40686,948
Schwarz's Bayesian Criterion (BIC)	40654,948

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
ObesityMorbidityRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,878
	Conditional	0,909

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9925,445	7156,231	0,000
SmokingRIVM	1	13043	11498,438	0,000
ObesityRIVM	1	12976,525	49344,442	0,000
Heidehoogveenestuifzand	10	12215,173	2,551	0,004
Openagrarischgebied	3	11416,845	3,567	0,013
strand	3	12745,858	3,338	0,018
Halfopenengslotenagrarischgebied	2	12230,379	8,038	<0,001
Duinen	4	9497,803	7,044	<0,001
Bossen	3	11682,185	4,535	0,004
Moeras	2	11231,770	3,238	0,039

a. Dependent Variable: ObesityMorbidityRIVM.

Type III Estimable Functions

Intercept

L1

Fixed Effects		L1
Intercept		1
SmokingRIVM		0
ObesityRIVM		0
[Heidehoogveenenstuifzand =1]		0,091
[Heidehoogveenenstuifzand =2]		0,091
[Heidehoogveenenstuifzand =3]		0,091
[Heidehoogveenenstuifzand =4]		0,091
[Heidehoogveenenstuifzand =5]		0,091
[Heidehoogveenenstuifzand =6]		0,091
[Heidehoogveenenstuifzand =7]		0,091
[Heidehoogveenenstuifzand =8]		0,091
[Heidehoogveenenstuifzand =9]		0,091
[Heidehoogveenenstuifzand =10]		0,091
[Heidehoogveenenstuifzand =11]		0,091
[Openagrarischedgebied=1]		0,250
[Openagrarischedgebied=2]		0,250
[Openagrarischedgebied=3]		0,250
[Openagrarischedgebied=4]		0,250
[strand=1]		0,250
[strand=2]		0,250
[strand=3]		0,250
[strand=4]		0,250
[Halfopenengeslotenagrarischedgebied=1]		0,333
[Halfopenengeslotenagrarischedgebied=2]		0,333
[Halfopenengeslotenagrarischedgebied=3]		0,333
[Duinen=1]		0,200
[Duinen=2]		0,200
[Duinen=3]		0,200
[Duinen=4]		0,200
[Duinen=5]		0,200
[Bossen=1]		0,250
[Bossen=2]		0,250

Intercept

L1

[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand =1]	0
	[Heidehoogveenestuifzand =2]	0
	[Heidehoogveenestuifzand =3]	0
	[Heidehoogveenestuifzand =4]	0
	[Heidehoogveenestuifzand =5]	0
	[Heidehoogveenestuifzand =6]	0
	[Heidehoogveenestuifzand =7]	0
	[Heidehoogveenestuifzand =8]	0
	[Heidehoogveenestuifzand =9]	0
	[Heidehoogveenestuifzand =10]	0
	[Heidehoogveenestuifzand =11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0

SmokingRIVM

L2

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0

ObesityRIVM

L3

[Openagrarischgebied=4]	0
[strand=1]	0
[strand=2]	0
[strand=3]	0
[strand=4]	0
[Halfopenengeslotenagrarisc hgebied=1]	0
[Halfopenengeslotenagrarisc hgebied=2]	0
[Halfopenengeslotenagrarisc hgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenstuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand =1]	1	0	0	0	0
	[Heidehoogveenstuifzand =2]	0	1	0	0	0
	[Heidehoogveenstuifzand =3]	0	0	1	0	0
	[Heidehoogveenstuifzand =4]	0	0	0	1	0
	[Heidehoogveenstuifzand =5]	0	0	0	0	1
	[Heidehoogveenstuifzand =6]	0	0	0	0	0
	[Heidehoogveenstuifzand =7]	0	0	0	0	0
	[Heidehoogveenstuifzand =8]	0	0	0	0	0
	[Heidehoogveenstuifzand =9]	0	0	0	0	0
	[Heidehoogveenstuifzand =10]	0	0	0	0	0
	[Heidehoogveenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	0	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	0	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	0	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	0	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	0
	[Heidehoogveenestuifzand=6]	1	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	1	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	1	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	1	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	1
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

	L4	L5	L6	L7	L8
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenestuifzand

	L9	L10	L11	L12	L13
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

	L15	L16	L17
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenestuifzand =1]	0	0	0
[Heidehoogveenestuifzand =2]	0	0	0
[Heidehoogveenestuifzand =3]	0	0	0
[Heidehoogveenestuifzand =4]	0	0	0
[Heidehoogveenestuifzand =5]	0	0	0
[Heidehoogveenestuifzand =6]	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0
[Openagrarischgebied=1]	1	0	0
[Openagrarischgebied=2]	0	1	0
[Openagrarischgebied=3]	0	0	1
[Openagrarischgebied=4]	-1	-1	-1

Openagrarischgebied

	L15	L16	L17
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

		L19	L20	L21
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	1	0	0
	[strand=2]	0	1	0
	[strand=3]	0	0	1
	[strand=4]	-1	-1	-1
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

strand

	L19	L20	L21
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1

Halfopenengeslotenagrarischgebied

	L23	L24
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L26	L27	L28	L29
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L31	L32	L33
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0

Bossen

	L31	L32	L33
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

		L35	L36
Fixed Effects	Intercept	0	0
	SmokingRIVM	0	0
	ObesityRIVM	0	0
	[Heidehoogveenenstuifzand=1]	0	0
	[Heidehoogveenenstuifzand=2]	0	0
	[Heidehoogveenenstuifzand=3]	0	0
	[Heidehoogveenenstuifzand=4]	0	0
	[Heidehoogveenenstuifzand=5]	0	0
	[Heidehoogveenenstuifzand=6]	0	0
	[Heidehoogveenenstuifzand=7]	0	0
	[Heidehoogveenenstuifzand=8]	0	0
	[Heidehoogveenenstuifzand=9]	0	0
	[Heidehoogveenenstuifzand=10]	0	0
	[Heidehoogveenenstuifzand=11]	0	0
	[Openagrarischedgebied=1]	0	0
	[Openagrarischedgebied=2]	0	0
	[Openagrarischedgebied=3]	0	0
	[Openagrarischedgebied=4]	0	0
	[strand=1]	0	0
	[strand=2]	0	0
	[strand=3]	0	0
	[strand=4]	0	0
	[Halfopenengeslotenagrarischedgebied=1]	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0

Moeras

	L35	L36
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	-14,827066	0,118085	8932,065	-125,563	0,000
SmokingRIVM	0,278232	0,002595	13043	107,231	0,000
ObesityRIVM	0,491794	0,002214	12976,525	222,136	0,000
[Heidehoogveenestuifzand=1]	-0,468895	0,393253	12884,132	-1,192	0,233
[Heidehoogveenestuifzand=2]	-0,067871	0,110150	9945,436	-0,616	0,538
[Heidehoogveenestuifzand=3]	0,084152	0,118154	11521,983	0,712	0,476
[Heidehoogveenestuifzand=4]	-0,260364	0,066828	12550,840	-3,896	<0,001
[Heidehoogveenestuifzand=5]	0,025641	0,069398	10822,057	0,369	0,712
[Heidehoogveenestuifzand=6]	0,042989	0,068295	12111,587	0,629	0,529
[Heidehoogveenestuifzand=7]	-0,031820	0,079332	11024,408	-0,401	0,688
[Heidehoogveenestuifzand=8]	0,032221	0,094815	12401,316	0,340	0,734
[Heidehoogveenestuifzand=9]	0,156349	0,128420	13040,167	1,217	0,223
[Heidehoogveenestuifzand=10]	-0,366943	0,232269	13043	-1,580	0,114
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	0,025739	0,033223	10221,034	0,775	0,439

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	-15,058540	-14,595593
SmokingRIVM	0,273146	0,283318
ObesityRIVM	0,487454	0,496133
[Heidehoogveenenstuifzand =1]	-1,239728	0,301939
[Heidehoogveenenstuifzand =2]	-0,283787	0,148046
[Heidehoogveenenstuifzand =3]	-0,147451	0,315754
[Heidehoogveenenstuifzand =4]	-0,391356	-0,129372
[Heidehoogveenenstuifzand =5]	-0,110391	0,161674
[Heidehoogveenenstuifzand =6]	-0,090879	0,176858
[Heidehoogveenenstuifzand =7]	-0,187325	0,123685
[Heidehoogveenenstuifzand =8]	-0,153631	0,218073
[Heidehoogveenenstuifzand =9]	-0,095373	0,408071
[Heidehoogveenenstuifzand =10]	-0,822224	0,088338
[Heidehoogveenenstuifzand =11]	.	.
[Openagrarischgebied=1]	-0,039385	0,090863

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Openagrarischgebied=2]	-0,047441	0,044972	9540,661	-1,055	0,291
[Openagrarischgebied=3]	-0,185128	0,069786	11428,588	-2,653	0,008
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	-0,187663	0,149722	12939,299	-1,253	0,210
[strand=2]	-0,195815	0,163066	12886,277	-1,201	0,230
[strand=3]	-0,365232	0,125251	12486,454	-2,916	0,004
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarischgebied=1]	0,119778	0,030076	11544,196	3,982	<0,001
[Halfopenengeslotenagrarischgebied=2]	0,187245	0,251984	12993,941	0,743	0,457
[Halfopenengeslotenagrarischgebied=3]	0 ^b	0	.	.	.
[Duinen=1]	0,148382	0,128626	10963,441	1,154	0,249
[Duinen=2]	-0,004227	0,105439	8151,415	-0,040	0,968
[Duinen=3]	-0,023400	0,210478	11850,228	-0,111	0,911
[Duinen=4]	-1,873222	0,380840	7211,756	-4,919	<0,001
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	0,117087	0,031837	11785,866	3,678	<0,001
[Bossen=2]	0,091210	0,045587	11687,583	2,001	0,045
[Bossen=3]	0,083378	0,066482	11399,419	1,254	0,210
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,190710	0,088744	11312,622	-2,149	0,032
[Moeras=2]	0,034155	0,029983	11161,105	1,139	0,255
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Openagrarischgebied=2]	-0,135596	0,040713
[Openagrarischgebied=3]	-0,321920	-0,048336
[Openagrarischgebied=4]	.	.
[strand=1]	-0,481141	0,105815
[strand=2]	-0,515449	0,123819
[strand=3]	-0,610743	-0,119720
[strand=4]	.	.
[Halfopenengeslotenagrarischgebied=1]	0,060823	0,178732
[Halfopenengeslotenagrarischgebied=2]	-0,306680	0,681170
[Halfopenengeslotenagrarischgebied=3]	.	.
[Duinen=1]	-0,103748	0,400513
[Duinen=2]	-0,210915	0,202461
[Duinen=3]	-0,435972	0,389172
[Duinen=4]	-2,619780	-1,126663
[Duinen=5]	.	.
[Bossen=1]	0,054680	0,179493
[Bossen=2]	0,001852	0,180568
[Bossen=3]	-0,046939	0,213694
[Bossen=4]	.	.
[Moeras=1]	-0,364664	-0,016755
[Moeras=2]	-0,024617	0,092927
[Moeras=3]	.	.

a. Dependent Variable: ObesityMorbideRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		1,203428	0,015094	79,728	0,000	1,174205
Intercept [subject = MunicipalityRIVM]	Variance	0,408414	0,035225	11,595	<0,001	0,344895

Estimates of Covariance Parameters^a

Parameter	95% ... Upper Bound
Residual	1,233378
Intercept [subject = MunicipalityRIVM]	Variance 0,483631

a. Dependent Variable: ObesityMorbideRIVM.

Estimated Marginal Means

Bossen

Contrast Coefficients

Parameter		Bossen			
		1	2	3	0 is ref
Fixed Effects	Intercept	1	1	1	1
	SmokingRIVM	16,461	16,461	16,461	16,461
	ObesityRIVM	50,499	50,499	50,499	50,499
	[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091
	[Openagrarischedgebied=1]	0,250	0,250	0,250	0,250
	[Openagrarischedgebied=2]	0,250	0,250	0,250	0,250
	[Openagrarischedgebied=3]	0,250	0,250	0,250	0,250
	[Openagrarischedgebied=4]	0,250	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250	
[strand=4]	0,250	0,250	0,250	0,250	

Contrast Coefficients

Parameter	Bossen			
	1	2	3	0 is ref
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	1	0	0	0
[Bossen=2]	0	1	0	0
[Bossen=3]	0	0	1	0
[Bossen=4]	0	0	0	1
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

Bossen	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	14,088 ^b	0,151	8075,457	13,793	14,384
2	14,062 ^b	0,149	8039,596	13,771	14,354
3	14,055 ^b	0,154	8401,736	13,753	14,356
0 is ref	13,971 ^b	0,153	8155,710	13,672	14,270

a. Dependent Variable: ObesityMorbideRIVM.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Bossen	(J) Bossen	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for C... Lower Bound
1	2	0,026	0,041	11693,849	0,531	-0,055
	3	0,034	0,063	11438,495	0,594	-0,090
	0 is ref	0,117*	0,032	11785,866	<0,001	0,055
2	1	-0,026	0,041	11693,849	0,531	-0,107
	3	0,008	0,066	11990,969	0,905	-0,121
	0 is ref	0,091*	0,046	11687,583	0,045	0,002
3	1	-0,034	0,063	11438,495	0,594	-0,158
	2	-0,008	0,066	11990,969	0,905	-0,136
	0 is ref	0,083	0,066	11399,419	0,210	-0,047
0 is ref	1	-0,117*	0,032	11785,866	<0,001	-0,179
	2	-0,091*	0,046	11687,583	0,045	-0,181
	3	-0,083	0,066	11399,419	0,210	-0,214

Pairwise Comparisons^a

(I) Bossen	(J) Bossen	95% Confidence Interval for C... Upper Bound
1	2	0,107
	3	0,158
	0 is ref	0,179
2	1	0,055
	3	0,136
	0 is ref	0,181
3	1	0,090
	2	0,121
	0 is ref	0,214
0 is ref	1	-0,055
	2	-0,002
	3	0,047

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: ObesityMorbideRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	11688,229	4,535	0,004

The F tests the effect of Bossen. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: ObesityMorbideRIVM.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischedgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischedgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: ObesityMorbideRIVM.

Information Criteria^a

-2 Log Likelihood	40351,642
Akaike's Information Criterion (AIC)	40415,642
Hurvich and Tsai's Criterion (AICC)	40415,804
Bozdogan's Criterion (CAIC)	40686,948
Schwarz's Bayesian Criterion (BIC)	40654,948

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: ObesityMorbideRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,878
	Conditional	0,909

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9925,445	7156,231	0,000
SmokingRIVM	1	13043	11498,438	0,000
ObesityRIVM	1	12976,525	49344,442	0,000
Heidehoogveenenstuifzand	10	12215,173	2,551	0,004
Openagrarischgebied	3	11416,845	3,567	0,013
strand	3	12745,858	3,338	0,018
Halfopenengeslotenagrarischgebied	2	12230,379	8,038	<0,001
Duinen	4	9497,803	7,044	<0,001
Bossen	3	11682,185	4,535	0,004
Moeras	2	11231,770	3,238	0,039

a. Dependent Variable: ObesityMorbideRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0
	[Heidehoogveenenstuifzand =2]	0
	[Heidehoogveenenstuifzand =3]	0
	[Heidehoogveenenstuifzand =4]	0
	[Heidehoogveenenstuifzand =5]	0
	[Heidehoogveenenstuifzand =6]	0
	[Heidehoogveenenstuifzand =7]	0
	[Heidehoogveenenstuifzand =8]	0
	[Heidehoogveenenstuifzand =9]	0
	[Heidehoogveenenstuifzand =10]	0
	[Heidehoogveenenstuifzand =11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0
	[Openagrarischgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagraris hgebied=1]	0
	[Halfopenengeslotenagraris hgebied=2]	0
	[Halfopenengeslotenagraris hgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischgebied=1]	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrari shgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrari schgebied=1]	0	0
[Openagrari schgebied=2]	0	0
[Openagrari schgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	-14,827066	0,118085	8932,065	-125,563	0,000
SmokingRIVM	0,278232	0,002595	13043	107,231	0,000
ObesityRIVM	0,491794	0,002214	12976,525	222,136	0,000
[Heidehoogveenenstuifzand =1]	-0,468895	0,393253	12884,132	-1,192	0,233
[Heidehoogveenenstuifzand =2]	-0,067871	0,110150	9945,436	-0,616	0,538
[Heidehoogveenenstuifzand =3]	0,084152	0,118154	11521,983	0,712	0,476
[Heidehoogveenenstuifzand =4]	-0,260364	0,066828	12550,840	-3,896	<0,001
[Heidehoogveenenstuifzand =5]	0,025641	0,069398	10822,057	0,369	0,712
[Heidehoogveenenstuifzand =6]	0,042989	0,068295	12111,587	0,629	0,529
[Heidehoogveenenstuifzand =7]	-0,031820	0,079332	11024,408	-0,401	0,688
[Heidehoogveenenstuifzand =8]	0,032221	0,094815	12401,316	0,340	0,734
[Heidehoogveenenstuifzand =9]	0,156349	0,128420	13040,167	1,217	0,223
[Heidehoogveenenstuifzand =10]	-0,366943	0,232269	13043	-1,580	0,114
[Heidehoogveenenstuifzand =11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	0,025739	0,033223	10221,034	0,775	0,439
[Openagrarischgebied=2]	-0,047441	0,044972	9540,661	-1,055	0,291
[Openagrarischgebied=3]	-0,185128	0,069786	11428,588	-2,653	0,008
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	-0,187663	0,149722	12939,299	-1,253	0,210
[strand=2]	-0,195815	0,163066	12886,277	-1,201	0,230
[strand=3]	-0,365232	0,125251	12486,454	-2,916	0,004
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisch gebied=1]	0,119778	0,030076	11544,196	3,982	<0,001
[Halfopenengeslotenagrarisch gebied=2]	0,187245	0,251984	12993,941	0,743	0,457
[Halfopenengeslotenagrarisch gebied=3]	0 ^b	0	.	.	.
[Duinen=1]	0,148382	0,128626	10963,441	1,154	0,249
[Duinen=2]	-0,004227	0,105439	8151,415	-0,040	0,968
[Duinen=3]	-0,023400	0,210478	11850,228	-0,111	0,911
[Duinen=4]	-1,873222	0,380840	7211,756	-4,919	<0,001
[Duinen=5]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	-15,058540	-14,595593
SmokingRIVM	0,273146	0,283318
ObesityRIVM	0,487454	0,496133
[Heidehoogveenenstuifzand=1]	-1,239728	0,301939
[Heidehoogveenenstuifzand=2]	-0,283787	0,148046
[Heidehoogveenenstuifzand=3]	-0,147451	0,315754
[Heidehoogveenenstuifzand=4]	-0,391356	-0,129372
[Heidehoogveenenstuifzand=5]	-0,110391	0,161674
[Heidehoogveenenstuifzand=6]	-0,090879	0,176858
[Heidehoogveenenstuifzand=7]	-0,187325	0,123685
[Heidehoogveenenstuifzand=8]	-0,153631	0,218073
[Heidehoogveenenstuifzand=9]	-0,095373	0,408071
[Heidehoogveenenstuifzand=10]	-0,822224	0,088338
[Heidehoogveenenstuifzand=11]	.	.
[Openagrarisched=1]	-0,039385	0,090863
[Openagrarisched=2]	-0,135596	0,040713
[Openagrarisched=3]	-0,321920	-0,048336
[Openagrarisched=4]	.	.
[strand=1]	-0,481141	0,105815
[strand=2]	-0,515449	0,123819
[strand=3]	-0,610743	-0,119720
[strand=4]	.	.
[Halfopenengeslotenagrarisched=1]	0,060823	0,178732
[Halfopenengeslotenagrarisched=2]	-0,306680	0,681170
[Halfopenengeslotenagrarisched=3]	.	.
[Duinen=1]	-0,103748	0,400513
[Duinen=2]	-0,210915	0,202461
[Duinen=3]	-0,435972	0,389172
[Duinen=4]	-2,619780	-1,126663
[Duinen=5]	.	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Bossen=1]	0,117087	0,031837	11785,866	3,678	<0,001
[Bossen=2]	0,091210	0,045587	11687,583	2,001	0,045
[Bossen=3]	0,083378	0,066482	11399,419	1,254	0,210
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,190710	0,088744	11312,622	-2,149	0,032
[Moeras=2]	0,034155	0,029983	11161,105	1,139	0,255
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Bossen=1]	0,054680	0,179493
[Bossen=2]	0,001852	0,180568
[Bossen=3]	-0,046939	0,213694
[Bossen=4]	.	.
[Moeras=1]	-0,364664	-0,016755
[Moeras=2]	-0,024617	0,092927
[Moeras=3]	.	.

a. Dependent Variable: ObesityMorbideRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual	1,203428	0,015094	79,728	0,000	1,174205
Intercept [subject = MunicipalityRIVM]	Variance 0,408414	0,035225	11,595	<0,001	0,344895

Estimates of Covariance Parameters^a

Parameter	95% ... Upper Bound
Residual	1,233378
Intercept [subject = MunicipalityRIVM]	Variance 0,483631

a. Dependent Variable: ObesityMorbideRIVM.

Estimated Marginal Means

Moeras

Contrast Coefficients

Parameter	Moeras		
	1	2	0 is ref
Fixed Effects Intercept	1	1	1
SmokingRIVM	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499
[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091
[Openagrarischgebied=1]	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250

Contrast Coefficients

Parameter	Moeras		
	1	2	0 is ref
[Bossen=2]	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250
[Moeras=1]	1	0	0
[Moeras=2]	0	1	0
[Moeras=3]	0	0	1

Estimates^a

Moeras	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	13,906 ^b	0,167	8741,357	13,579	14,233
2	14,130 ^b	0,148	7977,454	13,841	14,420
0 is ref	14,096 ^b	0,147	7921,003	13,809	14,384

a. Dependent Variable: ObesityMorbideRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Moeras	(J) Moeras	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ^c ..
						Lower Bound
1	2	-0,225 [*]	0,091	11273,160	0,013	-0,403
	0 is ref	-0,191 [*]	0,089	11312,622	0,032	-0,365
2	1	0,225 [*]	0,091	11273,160	0,013	0,047
	0 is ref	0,034	0,030	11161,105	0,255	-0,025
0 is ref	1	0,191 [*]	0,089	11312,622	0,032	0,017
	2	-0,034	0,030	11161,105	0,255	-0,093

Pairwise Comparisons^a

(I) Moeras	(J) Moeras	95% Confidence Interval for ^c ..
		Upper Bound
1	2	-0,047
	0 is ref	-0,017
2	1	0,403
	0 is ref	0,093
0 is ref	1	0,365
	2	0,025

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: ObesityMorbideRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
2	11232,176	3,238	0,039

The F tests the effect of Moeras. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: ObesityMorbideRIVM.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischedgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischedgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: PhysicalHealthCronRIVM.

Information Criteria^a

-2 Log Likelihood	65316,465
Akaike's Information Criterion (AIC)	65380,465
Hurvich and Tsai's Criterion (AICC)	65380,627
Bozdogan's Criterion (CAIC)	65651,771
Schwarz's Bayesian Criterion (BIC)	65619,771

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
PhysicalHealthCronRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,544
	Conditional	0,709

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9929,959	10,191	0,001
SmokingRIVM	1	13005,345	367,231	<0,001
ObesityRIVM	1	13043	11832,525	0,000
Heidehoogveenenstuifzand	10	12841,240	3,742	<0,001
Openagrarisched gebied	3	12559,911	5,117	0,002
strand	3	13018,244	7,197	<0,001
Halfopenengeslotenagrarisched gebied	2	12768,843	4,202	0,015
Duinen	4	11270,841	7,890	<0,001
Bossen	3	12708,558	25,465	<0,001
Moeras	2	12484,109	12,025	<0,001

a. Dependent Variable: PhysicalHealthCronRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarisched gebied=1]	0,250
	[Openagrarisched gebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagraris chgebied=1]	0,333
[Halfopenengeslotenagraris chgebied=2]	0,333
[Halfopenengeslotenagraris chgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0
	[Heidehoogveenenstuifzand =2]	0
	[Heidehoogveenenstuifzand =3]	0
	[Heidehoogveenenstuifzand =4]	0
	[Heidehoogveenenstuifzand =5]	0
	[Heidehoogveenenstuifzand =6]	0
	[Heidehoogveenenstuifzand =7]	0
	[Heidehoogveenenstuifzand =8]	0
	[Heidehoogveenenstuifzand =9]	0
	[Heidehoogveenenstuifzand =10]	0
	[Heidehoogveenenstuifzand =11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischgebied=1]	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-2,690873	0,315740	7383,909	-8,522	<0,001	-3,309814
SmokingRIVM	0,128962	0,006730	13005,345	19,163	<0,001	0,115771
ObesityRIVM	0,626562	0,005760	13043	108,777	0,000	0,615271
[Heidehoogveenestuifzand=1]	-1,787962	1,016745	12820,913	-1,759	0,079	-3,780934
[Heidehoogveenestuifzand=2]	0,847955	0,290788	11953,090	2,916	0,004	0,277963
[Heidehoogveenestuifzand=3]	0,404957	0,310193	12591,030	1,305	0,192	-0,203069
[Heidehoogveenestuifzand=4]	-0,079620	0,174512	13002,092	-0,456	0,648	-0,421689
[Heidehoogveenestuifzand=5]	-0,052442	0,182691	12275,479	-0,287	0,774	-0,410546
[Heidehoogveenestuifzand=6]	-0,488352	0,178800	12845,084	-2,731	0,006	-0,838827
[Heidehoogveenestuifzand=7]	0,199902	0,208650	12409,985	0,958	0,338	-0,209084
[Heidehoogveenestuifzand=8]	0,230462	0,247832	12954,627	0,930	0,352	-0,255326
[Heidehoogveenestuifzand=9]	1,256068	0,333761	13043	3,763	<0,001	0,601847
[Heidehoogveenestuifzand=10]	-0,529391	0,602219	12986,563	-0,879	0,379	-1,709828
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.	.
[Openagrarischgebied=1]	-0,264591	0,087659	11963,665	-3,018	0,003	-0,436416
[Openagrarischgebied=2]	-0,366418	0,118968	11542,400	-3,080	0,002	-0,599616
[Openagrarischgebied=3]	-0,018204	0,183236	12600,238	-0,099	0,921	-0,377375
[Openagrarischgebied=4]	0 ^b	0	.	.	.	.
[strand=1]	0,939584	0,389704	13043	2,411	0,016	0,175707
[strand=2]	-1,509455	0,424933	13043	-3,552	<0,001	-2,342387
[strand=3]	-0,468383	0,327251	12971,680	-1,431	0,152	-1,109843
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengeslotenagrarischgebied=1]	-0,189076	0,078941	12629,922	-2,395	0,017	-0,343812
[Halfopenengeslotenagrarischgebied=2]	0,952594	0,652338	12907,449	1,460	0,144	-0,326085
[Halfopenengeslotenagrarischgebied=3]	0 ^b	0	.	.	.	.
[Duinen=1]	1,188621	0,338377	12383,227	3,513	<0,001	0,525350
[Duinen=2]	1,370538	0,280328	10724,979	4,889	<0,001	0,821043
[Duinen=3]	1,016641	0,552684	12348,399	1,839	0,066	-0,066706
[Duinen=4]	1,398162	1,018278	9337,670	1,373	0,170	-0,597884
[Duinen=5]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ... Upper Bound
Intercept	-2,071933
SmokingRIVM	0,142154
ObesityRIVM	0,637852
[Heidehoogveenenstuifzand =1]	0,205010
[Heidehoogveenenstuifzand =2]	1,417947
[Heidehoogveenenstuifzand =3]	1,012984
[Heidehoogveenenstuifzand =4]	0,262448
[Heidehoogveenenstuifzand =5]	0,305661
[Heidehoogveenenstuifzand =6]	-0,137876
[Heidehoogveenenstuifzand =7]	0,608887
[Heidehoogveenenstuifzand =8]	0,716249
[Heidehoogveenenstuifzand =9]	1,910288
[Heidehoogveenenstuifzand =10]	0,651046
[Heidehoogveenenstuifzand =11]	.
[Openagrarisched gebied=1]	-0,092766
[Openagrarisched gebied=2]	-0,133221
[Openagrarisched gebied=3]	0,340967
[Openagrarisched gebied=4]	.
[strand=1]	1,703461
[strand=2]	-0,676524
[strand=3]	0,173076
[strand=4]	.
[Halfopenengeslotenagrarisched gebied=1]	-0,034340
[Halfopenengeslotenagrarisched gebied=2]	2,231272
[Halfopenengeslotenagrarisched gebied=3]	.
[Duinen=1]	1,851892
[Duinen=2]	1,920034
[Duinen=3]	2,099989
[Duinen=4]	3,394209
[Duinen=5]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Bossen=1]	0,689336	0,083464	12752,892	8,259	<0,001	0,525734
[Bossen=2]	0,661017	0,119566	12708,414	5,528	<0,001	0,426650
[Bossen=3]	0,916454	0,174572	12602,274	5,250	<0,001	0,574266
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	-0,348554	0,233167	12511,311	-1,495	0,135	-0,805596
[Moeras=2]	-0,378115	0,078819	12462,887	-4,797	<0,001	-0,532612
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ... Upper Bound
[Bossen=1]	0,852939
[Bossen=2]	0,895384
[Bossen=3]	1,258642
[Bossen=4]	.
[Moeras=1]	0,108489
[Moeras=2]	-0,223618
[Moeras=3]	.

a. Dependent Variable: PhysicalHealthCronRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		8,021565	0,100651	79,697	0,000	7,826699
Intercept [subject = MunicipalityRIVM]	Variance	4,576938	0,381344	12,002	<0,001	3,887354

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		8,221283
Intercept [subject = MunicipalityRIVM]	Variance	5,388848

a. Dependent Variable: PhysicalHealthCronRIVM.

Estimated Marginal Means

Heidehoogveenestuifzand

Contrast Coefficients

Parameter		Heidehoogveenenstuifzand				
		1	2	3	4	5
Fixed Effects	Intercept	1	1	1	1	1
	SmokingRIVM	16,461	16,461	16,461	16,461	16,461
	ObesityRIVM	50,499	50,499	50,499	50,499	50,499
	[Heidehoogveenenstuifzand =1]	1	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	1	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	1	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	1	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	1
	[Heidehoogveenenstuifzand =6]	0	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	0	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	0	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	0	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	0
	[Heidehoogveenenstuifzand =11]	0	0	0	0	0
	[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250	0,250	0,250
	[strand=3]	0,250	0,250	0,250	0,250	0,250
	[strand=4]	0,250	0,250	0,250	0,250	0,250
	[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333	0,333
	[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333	0,333
	[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333	0,333
	[Duinen=1]	0,200	0,200	0,200	0,200	0,200
	[Duinen=2]	0,200	0,200	0,200	0,200	0,200
	[Duinen=3]	0,200	0,200	0,200	0,200	0,200
	[Duinen=4]	0,200	0,200	0,200	0,200	0,200
	[Duinen=5]	0,200	0,200	0,200	0,200	0,200
	[Bossen=1]	0,250	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	6	7	8	9	10
Fixed Effects Intercept	1	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499	50,499
[Heidehoogveenenstuifzand =1]	0	0	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0	0	0
[Heidehoogveenenstuifzand =6]	1	0	0	0	0
[Heidehoogveenenstuifzand =7]	0	1	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	1	0	0
[Heidehoogveenenstuifzand =9]	0	0	0	1	0
[Heidehoogveenenstuifzand =10]	0	0	0	0	1
[Heidehoogveenenstuifzand =11]	0	0	0	0	0
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250	0,250
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	Heidehoogv.. 0 is ref
Fixed Effects Intercept	1
SmokingRIVM	16,461
ObesityRIVM	50,499
[Heidehoogveenenstuifzand =1]	0
[Heidehoogveenenstuifzand =2]	0
[Heidehoogveenenstuifzand =3]	0
[Heidehoogveenenstuifzand =4]	0
[Heidehoogveenenstuifzand =5]	0
[Heidehoogveenenstuifzand =6]	0
[Heidehoogveenenstuifzand =7]	0
[Heidehoogveenenstuifzand =8]	0
[Heidehoogveenenstuifzand =9]	0
[Heidehoogveenenstuifzand =10]	0
[Heidehoogveenenstuifzand =11]	1
[Openagrarischgebied=1]	0,250
[Openagrarischgebied=2]	0,250
[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarisch gebied=1]	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	1	2	3	4	5
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	6	7	8	9	10
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogv..
	0 is ref
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

Estimates^a

Heidehoogveenenstuifzand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	30,437 ^b	1,073	13043	28,333	32,541
2	33,073 ^b	0,472	9001,278	32,147	33,999
3	32,630 ^b	0,496	9480,861	31,657	33,603
4	32,145 ^b	0,416	8257,354	31,330	32,961
5	32,172 ^b	0,415	8090,150	31,359	32,986
6	31,737 ^b	0,407	7956,441	30,940	32,533
7	32,425 ^b	0,425	8311,454	31,592	33,257
8	32,455 ^b	0,442	8942,243	31,590	33,321
9	33,481 ^b	0,491	10289,148	32,519	34,443
10	31,695 ^b	0,703	12545,698	30,317	33,074
0 is ref	32,225 ^b	0,374	7009,287	31,491	32,959

a. Dependent Variable: PhysicalHealthCronRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
1	2	-2,636 [*]	1,060	12942,861
	3	-2,193 [*]	1,064	12918,204
	4	-1,708	1,033	12857,469
	5	-1,736	1,032	12866,407
	6	-1,300	1,023	12837,079
	7	-1,988	1,033	12867,882
	8	-2,018	1,034	12855,700
	9	-3,044 [*]	1,047	12835,520
	10	-1,259	1,150	12844,032
	0 is ref	-1,788	1,017	12820,913
2	1	2,636 [*]	1,060	12942,861
	3	0,443	0,412	12550,455
	4	0,928 [*]	0,333	12379,272
	5	0,900 [*]	0,340	12095,387
	6	1,336 [*]	0,334	12401,697
	7	0,648	0,354	12209,645
	8	0,617	0,369	12681,443
	9	-0,408	0,400	13043
	10	1,377 [*]	0,662	13043
	0 is ref	0,848 [*]	0,291	11953,090

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,013	-4,714	-0,558
	3	0,039	-4,279	-0,106
	4	0,098	-3,733	0,316
	5	0,093	-3,757	0,286
	6	0,204	-3,305	0,705
	7	0,054	-4,013	0,037
	8	0,051	-4,046	0,009
	9	0,004	-5,097	-0,992
	10	0,274	-3,512	0,995
	0 is ref	0,079	-3,781	0,205
	2	1	0,013	0,558	4,714
3		0,282	-0,364	1,250
4		0,005	0,275	1,580
5		0,008	0,234	1,566
6		<0,001	0,682	1,990
7		0,067	-0,045	1,342
8		0,095	-0,106	1,341
9		0,308	-1,193	0,376
10		0,038	0,079	2,676
0 is ref		0,004	0,278	1,418

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
3	1	2,193*	1,064	12918,204
	2	-0,443	0,412	12550,455
	4	0,485	0,335	12932,144
	5	0,457	0,347	12677,063
	6	0,893*	0,355	12696,924
	7	0,205	0,368	12574,830
	8	0,174	0,387	12828,915
	9	-0,851	0,450	13029,689
	10	0,934	0,675	13043
	0 is ref	0,405	0,310	12591,030
	4	1	1,708	1,033	12857,469
2		-0,928*	0,333	12379,272
3		-0,485	0,335	12932,144
5		-0,027	0,237	12862,916
6		0,409	0,240	12990,575
7		-0,280	0,255	12862,652
8		-0,310	0,290	13029,517
9		-1,336*	0,371	13043
10		0,450	0,624	13006,340
0 is ref		-0,080	0,175	13002,092
5		1	1,736	1,032	12866,407
	2	-0,900*	0,340	12095,387
	3	-0,457	0,347	12677,063
	4	0,027	0,237	12862,916
	6	0,436	0,237	12854,938
	7	-0,252	0,264	12433,704
	8	-0,283	0,294	12883,763
	9	-1,309*	0,376	13043
	10	0,477	0,626	13034,942
	0 is ref	-0,052	0,183	12275,479
	6	1	1,300	1,023	12837,079
2		-1,336*	0,334	12401,697
3		-0,893*	0,355	12696,924
4		-0,409	0,240	12990,575
5		-0,436	0,237	12854,938
7		-0,688*	0,262	12709,534
8		-0,719*	0,285	13040,677
9		-1,744*	0,363	13043
10		0,041	0,618	13004,927
0 is ref		-0,488*	0,179	12845,084

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
3	1	0,039	0,106	4,279
	2	0,282	-1,250	0,364
	4	0,148	-0,171	1,140
	5	0,188	-0,223	1,138
	6	0,012	0,197	1,589
	7	0,577	-0,516	0,926
	8	0,652	-0,585	0,934
	9	0,059	-1,734	0,031
	10	0,166	-0,388	2,257
	0 is ref	0,192	-0,203	1,013
	4	1	0,098	-0,316	3,733
2		0,005	-1,580	-0,275
3		0,148	-1,140	0,171
5		0,909	-0,492	0,438
6		0,089	-0,062	0,880
7		0,273	-0,779	0,220
8		0,285	-0,879	0,259
9		<0,001	-2,063	-0,609
10		0,471	-0,773	1,673
0 is ref		0,648	-0,422	0,262
5		1	0,093	-0,286	3,757
	2	0,008	-1,566	-0,234
	3	0,188	-1,138	0,223
	4	0,909	-0,438	0,492
	6	0,066	-0,028	0,900
	7	0,340	-0,770	0,266
	8	0,337	-0,860	0,294
	9	<0,001	-2,045	-0,572
	10	0,446	-0,750	1,704
	0 is ref	0,774	-0,411	0,306
	6	1	0,204	-0,705	3,305
2		<0,001	-1,990	-0,682
3		0,012	-1,589	-0,197
4		0,089	-0,880	0,062
5		0,066	-0,900	0,028
7		0,009	-1,201	-0,176
8		0,012	-1,277	-0,161
9		<0,001	-2,456	-1,033
10		0,947	-1,171	1,253
0 is ref		0,006	-0,839	-0,138

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
7	1	1,988	1,033	12867,882
	2	-0,648	0,354	12209,645
	3	-0,205	0,368	12574,830
	4	0,280	0,255	12862,652
	5	0,252	0,264	12433,704
	6	0,688*	0,262	12709,534
	8	-0,031	0,284	13043
	9	-1,056*	0,367	13043
	10	0,729	0,620	12996,417
	0 is ref	0,200	0,209	12409,985
	8	1	2,018	1,034	12855,700
2		-0,617	0,369	12681,443
3		-0,174	0,387	12828,915
4		0,310	0,290	13029,517
5		0,283	0,294	12883,763
6		0,719*	0,285	13040,677
7		0,031	0,284	13043
9		-1,026*	0,367	12996,827
10		0,760	0,622	12972,979
0 is ref		0,230	0,248	12954,627
9		1	3,044*	1,047	12835,520
	2	0,408	0,400	13043
	3	0,851	0,450	13029,689
	4	1,336*	0,371	13043
	5	1,309*	0,376	13043
	6	1,744*	0,363	13043
	7	1,056*	0,367	13043
	8	1,026*	0,367	12996,827
	10	1,785*	0,626	12889,310
	0 is ref	1,256*	0,334	13043
	10	1	1,259	1,150	12844,032
2		-1,377*	0,662	13043

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
7	1	0,054	-0,037	4,013
	2	0,067	-1,342	0,045
	3	0,577	-0,926	0,516
	4	0,273	-0,220	0,779
	5	0,340	-0,266	0,770
	6	0,009	0,176	1,201
	8	0,914	-0,588	0,527
	9	0,004	-1,776	-0,337
	10	0,240	-0,486	1,945
	0 is ref	0,338	-0,209	0,609
	8	1	0,051	-0,009	4,046
2		0,095	-1,341	0,106
3		0,652	-0,934	0,585
4		0,285	-0,259	0,879
5		0,337	-0,294	0,860
6		0,012	0,161	1,277
7		0,914	-0,527	0,588
9		0,005	-1,744	-0,307
10		0,222	-0,460	1,979
0 is ref		0,352	-0,255	0,716
9		1	0,004	0,992	5,097
	2	0,308	-0,376	1,193
	3	0,059	-0,031	1,734
	4	<0,001	0,609	2,063
	5	<0,001	0,572	2,045
	6	<0,001	1,033	2,456
	7	0,004	0,337	1,776
	8	0,005	0,307	1,744
	10	0,004	0,559	3,012
	0 is ref	<0,001	0,602	1,910
	10	1	0,274	-0,995	3,512
2		0,038	-2,676	-0,079

Pairwise Comparisons^a

(I) Heidehoogveenestuifzand	(J) Heidehoogveenestuifzand	Mean Difference (I-J)	Std. Error	df
	3	-0,934	0,675	13043
	4	-0,450	0,624	13006,340
	5	-0,477	0,626	13034,942
	6	-0,041	0,618	13004,927
	7	-0,729	0,620	12996,417
	8	-0,760	0,622	12972,979
	9	-1,785 [*]	0,626	12889,310
	0 is ref	-0,529	0,602	12986,563
	0 is ref	1	1,788	1,017	12820,913
2		-0,848 [*]	0,291	11953,090
3		-0,405	0,310	12591,030
4		0,080	0,175	13002,092
5		0,052	0,183	12275,479
6		0,488 [*]	0,179	12845,084
7		-0,200	0,209	12409,985
8		-0,230	0,248	12954,627
9		-1,256 [*]	0,334	13043
10		0,529	0,602	12986,563

Pairwise Comparisons^a

(I) Heidehoogveenestuifzand	(J) Heidehoogveenestuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
	3	0,166	-2,257	0,388
	4	0,471	-1,673	0,773
	5	0,446	-1,704	0,750
	6	0,947	-1,253	1,171
	7	0,240	-1,945	0,486
	8	0,222	-1,979	0,460
	9	0,004	-3,012	-0,559
	0 is ref	0,379	-1,710	0,651
	0 is ref	1	0,079	-0,205	3,781
2		0,004	-1,418	-0,278
3		0,192	-1,013	0,203
4		0,648	-0,262	0,422
5		0,774	-0,306	0,411
6		0,006	0,138	0,839
7		0,338	-0,609	0,209
8		0,352	-0,716	0,255
9		<0,001	-1,910	-0,602
10		0,379	-0,651	1,710

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: PhysicalHealthCronRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
5	-0,005	3,742	.

The F tests the effect of Heidehoogveenenstuifzand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: PhysicalHealthCronRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:19:36.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: PhysicalHealthCronRIVM.

Information Criteria^a

-2 Log Likelihood	65316,465
Akaike's Information Criterion (AIC)	65380,465
Hurvich and Tsai's Criterion (AICC)	65380,627
Bozdogan's Criterion (CAIC)	65651,771
Schwarz's Bayesian Criterion (BIC)	65619,771

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
PhysicalHealthCronRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,544
	Conditional	0,709

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9929,959	10,191	0,001
SmokingRIVM	1	13005,345	367,231	<0,001
ObesityRIVM	1	13043	11832,525	0,000
Heidehoogveenenstuifzand	10	12841,240	3,742	<0,001
Openagrarischgebied	3	12559,911	5,117	0,002
strand	3	13018,244	7,197	<0,001
Halfopenengeslotenagrarischgebied	2	12768,843	4,202	0,015
Duinen	4	11270,841	7,890	<0,001
Bossen	3	12708,558	25,465	<0,001
Moeras	2	12484,109	12,025	<0,001

a. Dependent Variable: PhysicalHealthCronRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0
	[Heidehoogveenenstuifzand =2]	0
	[Heidehoogveenenstuifzand =3]	0
	[Heidehoogveenenstuifzand =4]	0
	[Heidehoogveenenstuifzand =5]	0
	[Heidehoogveenenstuifzand =6]	0
	[Heidehoogveenenstuifzand =7]	0
	[Heidehoogveenenstuifzand =8]	0
	[Heidehoogveenenstuifzand =9]	0
	[Heidehoogveenenstuifzand =10]	0
	[Heidehoogveenenstuifzand =11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0
	[Openagrarischgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagraris hgebied=1]	0
	[Halfopenengeslotenagraris hgebied=2]	0
	[Halfopenengeslotenagraris hgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand =1]	0
	[Heidehoogveenestuifzand =2]	0
	[Heidehoogveenestuifzand =3]	0
	[Heidehoogveenestuifzand =4]	0
	[Heidehoogveenestuifzand =5]	0
	[Heidehoogveenestuifzand =6]	0
	[Heidehoogveenestuifzand =7]	0
	[Heidehoogveenestuifzand =8]	0
	[Heidehoogveenestuifzand =9]	0
	[Heidehoogveenestuifzand =10]	0
	[Heidehoogveenestuifzand =11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischedgebied=1]	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0
	[Openagrarischedgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrari shgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrari schgebied=1]	0	0
[Openagrari schgebied=2]	0	0
[Openagrari schgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-2,690873	0,315740	7383,909	-8,522	<0,001	-3,309814
SmokingRIVM	0,128962	0,006730	13005,345	19,163	<0,001	0,115771
ObesityRIVM	0,626562	0,005760	13043	108,777	0,000	0,615271
[Heidehoogveenestuifzand=1]	-1,787962	1,016745	12820,913	-1,759	0,079	-3,780934
[Heidehoogveenestuifzand=2]	0,847955	0,290788	11953,090	2,916	0,004	0,277963
[Heidehoogveenestuifzand=3]	0,404957	0,310193	12591,030	1,305	0,192	-0,203069
[Heidehoogveenestuifzand=4]	-0,079620	0,174512	13002,092	-0,456	0,648	-0,421689
[Heidehoogveenestuifzand=5]	-0,052442	0,182691	12275,479	-0,287	0,774	-0,410546
[Heidehoogveenestuifzand=6]	-0,488352	0,178800	12845,084	-2,731	0,006	-0,838827
[Heidehoogveenestuifzand=7]	0,199902	0,208650	12409,985	0,958	0,338	-0,209084
[Heidehoogveenestuifzand=8]	0,230462	0,247832	12954,627	0,930	0,352	-0,255326
[Heidehoogveenestuifzand=9]	1,256068	0,333761	13043	3,763	<0,001	0,601847
[Heidehoogveenestuifzand=10]	-0,529391	0,602219	12986,563	-0,879	0,379	-1,709828
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.	.
[Openagrarischedgebied=1]	-0,264591	0,087659	11963,665	-3,018	0,003	-0,436416
[Openagrarischedgebied=2]	-0,366418	0,118968	11542,400	-3,080	0,002	-0,599616
[Openagrarischedgebied=3]	-0,018204	0,183236	12600,238	-0,099	0,921	-0,377375
[Openagrarischedgebied=4]	0 ^b	0	.	.	.	.
[strand=1]	0,939584	0,389704	13043	2,411	0,016	0,175707
[strand=2]	-1,509455	0,424933	13043	-3,552	<0,001	-2,342387
[strand=3]	-0,468383	0,327251	12971,680	-1,431	0,152	-1,109843
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengeslotenagrarischedgebied=1]	-0,189076	0,078941	12629,922	-2,395	0,017	-0,343812
[Halfopenengeslotenagrarischedgebied=2]	0,952594	0,652338	12907,449	1,460	0,144	-0,326085
[Halfopenengeslotenagrarischedgebied=3]	0 ^b	0	.	.	.	.
[Duinen=1]	1,188621	0,338377	12383,227	3,513	<0,001	0,525350
[Duinen=2]	1,370538	0,280328	10724,979	4,889	<0,001	0,821043
[Duinen=3]	1,016641	0,552684	12348,399	1,839	0,066	-0,066706
[Duinen=4]	1,398162	1,018278	9337,670	1,373	0,170	-0,597884
[Duinen=5]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ... Upper Bound
Intercept	-2,071933
SmokingRIVM	0,142154
ObesityRIVM	0,637852
[Heidehoogveenenstuifzand=1]	0,205010
[Heidehoogveenenstuifzand=2]	1,417947
[Heidehoogveenenstuifzand=3]	1,012984
[Heidehoogveenenstuifzand=4]	0,262448
[Heidehoogveenenstuifzand=5]	0,305661
[Heidehoogveenenstuifzand=6]	-0,137876
[Heidehoogveenenstuifzand=7]	0,608887
[Heidehoogveenenstuifzand=8]	0,716249
[Heidehoogveenenstuifzand=9]	1,910288
[Heidehoogveenenstuifzand=10]	0,651046
[Heidehoogveenenstuifzand=11]	.
[Openagrarisched=1]	-0,092766
[Openagrarisched=2]	-0,133221
[Openagrarisched=3]	0,340967
[Openagrarisched=4]	.
[strand=1]	1,703461
[strand=2]	-0,676524
[strand=3]	0,173076
[strand=4]	.
[Halfopenengeslotenagrarisched=1]	-0,034340
[Halfopenengeslotenagrarisched=2]	2,231272
[Halfopenengeslotenagrarisched=3]	.
[Duinen=1]	1,851892
[Duinen=2]	1,920034
[Duinen=3]	2,099989
[Duinen=4]	3,394209
[Duinen=5]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Bossen=1]	0,689336	0,083464	12752,892	8,259	<0,001	0,525734
[Bossen=2]	0,661017	0,119566	12708,414	5,528	<0,001	0,426650
[Bossen=3]	0,916454	0,174572	12602,274	5,250	<0,001	0,574266
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	-0,348554	0,233167	12511,311	-1,495	0,135	-0,805596
[Moeras=2]	-0,378115	0,078819	12462,887	-4,797	<0,001	-0,532612
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ... Upper Bound
[Bossen=1]	0,852939
[Bossen=2]	0,895384
[Bossen=3]	1,258642
[Bossen=4]	.
[Moeras=1]	0,108489
[Moeras=2]	-0,223618
[Moeras=3]	.

a. Dependent Variable: PhysicalHealthCronRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		8,021565	0,100651	79,697	0,000	7,826699
Intercept [subject = MunicipalityRIVM]	Variance	4,576938	0,381344	12,002	<0,001	3,887354

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		8,221283
Intercept [subject = MunicipalityRIVM]	Variance	5,388848

a. Dependent Variable: PhysicalHealthCronRIVM.

Estimated Marginal Means

Openagrarischgebied

Contrast Coefficients

Parameter	Open agrarisch gebied			
	1	2	3	0 is ref
Fixed Effects Intercept	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499
[Heidehoogveenstuifzand=1]	0,091	0,091	0,091	0,091
[Heidehoogveenstuifzand=2]	0,091	0,091	0,091	0,091
[Heidehoogveenstuifzand=3]	0,091	0,091	0,091	0,091
[Heidehoogveenstuifzand=4]	0,091	0,091	0,091	0,091
[Heidehoogveenstuifzand=5]	0,091	0,091	0,091	0,091
[Heidehoogveenstuifzand=6]	0,091	0,091	0,091	0,091
[Heidehoogveenstuifzand=7]	0,091	0,091	0,091	0,091
[Heidehoogveenstuifzand=8]	0,091	0,091	0,091	0,091
[Heidehoogveenstuifzand=9]	0,091	0,091	0,091	0,091
[Heidehoogveenstuifzand=10]	0,091	0,091	0,091	0,091
[Heidehoogveenstuifzand=11]	0,091	0,091	0,091	0,091
[Open agrarisch gebied=1]	1	0	0	0
[Open agrarisch gebied=2]	0	1	0	0
[Open agrarisch gebied=3]	0	0	1	0
[Open agrarisch gebied=4]	0	0	0	1
[strand=1]	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250
[Halfopenengsloten agrarisch gebied=1]	0,333	0,333	0,333	0,333
[Halfopenengsloten agrarisch gebied=2]	0,333	0,333	0,333	0,333
[Halfopenengsloten agrarisch gebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	Openagrarischgebied			
	1	2	3	0 is ref
[Bossen=2]	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

Openagrarischgebied	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	32,123 ^b	0,399	7834,949	31,341	32,904
2	32,021 ^b	0,405	8040,295	31,227	32,815
3	32,369 ^b	0,414	8293,340	31,557	33,182
0 is ref	32,387 ^b	0,403	7820,845	31,597	33,177

a. Dependent Variable: PhysicalHealthCronRIVM.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Openagrarischgebied	(J) Openagrarischgebied	Mean Difference (I-J)	Std. Error	df
1	2	0,102	0,103	12737,802
	3	-0,246	0,173	12956,282
	0 is ref	-0,265*	0,088	11963,665
2	1	-0,102	0,103	12737,802
	3	-0,348*	0,164	13043
	0 is ref	-0,366*	0,119	11542,400
3	1	0,246	0,173	12956,282
	2	0,348*	0,164	13043
	0 is ref	-0,018	0,183	12600,238
0 is ref	1	0,265*	0,088	11963,665
	2	0,366*	0,119	11542,400
	3	0,018	0,183	12600,238

Pairwise Comparisons^a

(I) Openagrarisches Gebiet	(J) Openagrarisches Gebiet	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,325	-0,101	0,305
	3	0,154	-0,585	0,093
	0 is ref	0,003	-0,436	-0,093
2	1	0,325	-0,305	0,101
	3	0,034	-0,670	-0,027
	0 is ref	0,002	-0,600	-0,133
3	1	0,154	-0,093	0,585
	2	0,034	0,027	0,670
	0 is ref	0,921	-0,377	0,341
0 is ref	1	0,003	0,093	0,436
	2	0,002	0,133	0,600
	3	0,921	-0,341	0,377

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: PhysicalHealthCronRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	12459,092	5,117	0,002

The F tests the effect of Openagrarisches Gebiet. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: PhysicalHealthCronRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:19:38.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: PhysicalHealthCronRIVM.

Information Criteria^a

-2 Log Likelihood	65316,465
Akaike's Information Criterion (AIC)	65380,465
Hurvich and Tsai's Criterion (AICC)	65380,627
Bozdogan's Criterion (CAIC)	65651,771
Schwarz's Bayesian Criterion (BIC)	65619,771

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
PhysicalHealthCronRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,544
	Conditional	0,709

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9929,959	10,191	0,001
SmokingRIVM	1	13005,345	367,231	<0,001
ObesityRIVM	1	13043	11832,525	0,000
Heidehoogveenestuifzand	10	12841,240	3,742	<0,001
Openagrarischgebied	3	12559,911	5,117	0,002
strand	3	13018,244	7,197	<0,001
Halfopenengslotenagrarischgebied	2	12768,843	4,202	0,015
Duinen	4	11270,841	7,890	<0,001
Bossen	3	12708,558	25,465	<0,001
Moeras	2	12484,109	12,025	<0,001

a. Dependent Variable: PhysicalHealthCronRIVM.

Type III Estimable Functions

Intercept

L1

Fixed Effects		L1
Intercept		1
SmokingRIVM		0
ObesityRIVM		0
[Heidehoogveenenstuifzand =1]		0,091
[Heidehoogveenenstuifzand =2]		0,091
[Heidehoogveenenstuifzand =3]		0,091
[Heidehoogveenenstuifzand =4]		0,091
[Heidehoogveenenstuifzand =5]		0,091
[Heidehoogveenenstuifzand =6]		0,091
[Heidehoogveenenstuifzand =7]		0,091
[Heidehoogveenenstuifzand =8]		0,091
[Heidehoogveenenstuifzand =9]		0,091
[Heidehoogveenenstuifzand =10]		0,091
[Heidehoogveenenstuifzand =11]		0,091
[Openagrarischgebied=1]		0,250
[Openagrarischgebied=2]		0,250
[Openagrarischgebied=3]		0,250
[Openagrarischgebied=4]		0,250
[strand=1]		0,250
[strand=2]		0,250
[strand=3]		0,250
[strand=4]		0,250
[Halfopenengeslotenagrarisch gebied=1]		0,333
[Halfopenengeslotenagrarisch gebied=2]		0,333
[Halfopenengeslotenagrarisch gebied=3]		0,333
[Duinen=1]		0,200
[Duinen=2]		0,200
[Duinen=3]		0,200
[Duinen=4]		0,200
[Duinen=5]		0,200
[Bossen=1]		0,250
[Bossen=2]		0,250

Intercept

L1

[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0

SmokingRIVM

L2

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenenstuifzand=1]	0
	[Heidehoogveenenstuifzand=2]	0
	[Heidehoogveenenstuifzand=3]	0
	[Heidehoogveenenstuifzand=4]	0
	[Heidehoogveenenstuifzand=5]	0
	[Heidehoogveenenstuifzand=6]	0
	[Heidehoogveenenstuifzand=7]	0
	[Heidehoogveenenstuifzand=8]	0
	[Heidehoogveenenstuifzand=9]	0
	[Heidehoogveenenstuifzand=10]	0
	[Heidehoogveenenstuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0

ObesityRIVM

L3

[Openagrarischgebied=4]	0
[strand=1]	0
[strand=2]	0
[strand=3]	0
[strand=4]	0
[Halfopenengeslotenagrarischgebied=1]	0
[Halfopenengeslotenagrarischgebied=2]	0
[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenstuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand =1]	1	0	0	0	0
	[Heidehoogveenstuifzand =2]	0	1	0	0	0
	[Heidehoogveenstuifzand =3]	0	0	1	0	0
	[Heidehoogveenstuifzand =4]	0	0	0	1	0
	[Heidehoogveenstuifzand =5]	0	0	0	0	1
	[Heidehoogveenstuifzand =6]	0	0	0	0	0
	[Heidehoogveenstuifzand =7]	0	0	0	0	0
	[Heidehoogveenstuifzand =8]	0	0	0	0	0
	[Heidehoogveenstuifzand =9]	0	0	0	0	0
	[Heidehoogveenstuifzand =10]	0	0	0	0	0
	[Heidehoogveenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

	L4	L5	L6	L7	L8
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenestuifzand

	L9	L10	L11	L12	L13
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

	L15	L16	L17
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenestuifzand =1]	0	0	0
[Heidehoogveenestuifzand =2]	0	0	0
[Heidehoogveenestuifzand =3]	0	0	0
[Heidehoogveenestuifzand =4]	0	0	0
[Heidehoogveenestuifzand =5]	0	0	0
[Heidehoogveenestuifzand =6]	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0
[Openagrarischgebied=1]	1	0	0
[Openagrarischgebied=2]	0	1	0
[Openagrarischgebied=3]	0	0	1
[Openagrarischgebied=4]	-1	-1	-1

Open agrarisch gebied

	L15	L16	L17
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengesloten agrarisch gebied=1]	0	0	0
[Halfopenengesloten agrarisch gebied=2]	0	0	0
[Halfopenengesloten agrarisch gebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

		L19	L20	L21
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischedgebied=1]	0	0	0
	[Openagrarischedgebied=2]	0	0	0
	[Openagrarischedgebied=3]	0	0	0
	[Openagrarischedgebied=4]	0	0	0
	[strand=1]	1	0	0
	[strand=2]	0	1	0
	[strand=3]	0	0	1
	[strand=4]	-1	-1	-1
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

strand

	L19	L20	L21
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1

Halfopenengeslotenagrarischgebied

	L23	L24
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L26	L27	L28	L29
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L31	L32	L33
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0

Bossen

	L31	L32	L33
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0

Moeras

	L35	L36
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-2,690873	0,315740	7383,909	-8,522	<0,001	-3,309814
SmokingRIVM	0,128962	0,006730	13005,345	19,163	<0,001	0,115771
ObesityRIVM	0,626562	0,005760	13043	108,777	0,000	0,615271
[Heidehoogveenestuifzand=1]	-1,787962	1,016745	12820,913	-1,759	0,079	-3,780934
[Heidehoogveenestuifzand=2]	0,847955	0,290788	11953,090	2,916	0,004	0,277963
[Heidehoogveenestuifzand=3]	0,404957	0,310193	12591,030	1,305	0,192	-0,203069
[Heidehoogveenestuifzand=4]	-0,079620	0,174512	13002,092	-0,456	0,648	-0,421689
[Heidehoogveenestuifzand=5]	-0,052442	0,182691	12275,479	-0,287	0,774	-0,410546
[Heidehoogveenestuifzand=6]	-0,488352	0,178800	12845,084	-2,731	0,006	-0,838827
[Heidehoogveenestuifzand=7]	0,199902	0,208650	12409,985	0,958	0,338	-0,209084
[Heidehoogveenestuifzand=8]	0,230462	0,247832	12954,627	0,930	0,352	-0,255326
[Heidehoogveenestuifzand=9]	1,256068	0,333761	13043	3,763	<0,001	0,601847
[Heidehoogveenestuifzand=10]	-0,529391	0,602219	12986,563	-0,879	0,379	-1,709828
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.	.
[Openagrarischgebied=1]	-0,264591	0,087659	11963,665	-3,018	0,003	-0,436416

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
Intercept	-2,071933
SmokingRIVM	0,142154
ObesityRIVM	0,637852
[Heidehoogveenenstuifzand=1]	0,205010
[Heidehoogveenenstuifzand=2]	1,417947
[Heidehoogveenenstuifzand=3]	1,012984
[Heidehoogveenenstuifzand=4]	0,262448
[Heidehoogveenenstuifzand=5]	0,305661
[Heidehoogveenenstuifzand=6]	-0,137876
[Heidehoogveenenstuifzand=7]	0,608887
[Heidehoogveenenstuifzand=8]	0,716249
[Heidehoogveenenstuifzand=9]	1,910288
[Heidehoogveenenstuifzand=10]	0,651046
[Heidehoogveenenstuifzand=11]	.
[Openagrarischedgebied=1]	-0,092766

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Openagrarischgebiet=2]	-0,366418	0,118968	11542,400	-3,080	0,002	-0,599616
[Openagrarischgebiet=3]	-0,018204	0,183236	12600,238	-0,099	0,921	-0,377375
[Openagrarischgebiet=4]	0 ^b	0	.	.	.	.
[strand=1]	0,939584	0,389704	13043	2,411	0,016	0,175707
[strand=2]	-1,509455	0,424933	13043	-3,552	<0,001	-2,342387
[strand=3]	-0,468383	0,327251	12971,680	-1,431	0,152	-1,109843
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengeslotenagrarisc hgebiet=1]	-0,189076	0,078941	12629,922	-2,395	0,017	-0,343812
[Halfopenengeslotenagrarisc hgebiet=2]	0,952594	0,652338	12907,449	1,460	0,144	-0,326085
[Halfopenengeslotenagrarisc hgebiet=3]	0 ^b	0	.	.	.	.
[Duinen=1]	1,188621	0,338377	12383,227	3,513	<0,001	0,525350
[Duinen=2]	1,370538	0,280328	10724,979	4,889	<0,001	0,821043
[Duinen=3]	1,016641	0,552684	12348,399	1,839	0,066	-0,066706
[Duinen=4]	1,398162	1,018278	9337,670	1,373	0,170	-0,597884
[Duinen=5]	0 ^b	0	.	.	.	.
[Bossen=1]	0,689336	0,083464	12752,892	8,259	<0,001	0,525734
[Bossen=2]	0,661017	0,119566	12708,414	5,528	<0,001	0,426650
[Bossen=3]	0,916454	0,174572	12602,274	5,250	<0,001	0,574266
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	-0,348554	0,233167	12511,311	-1,495	0,135	-0,805596
[Moeras=2]	-0,378115	0,078819	12462,887	-4,797	<0,001	-0,532612
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
[Openagrarischgebied=2]	-0,133221
[Openagrarischgebied=3]	0,340967
[Openagrarischgebied=4]	.
[strand=1]	1,703461
[strand=2]	-0,676524
[strand=3]	0,173076
[strand=4]	.
[Halfopenengeslotenagrarischgebied=1]	-0,034340
[Halfopenengeslotenagrarischgebied=2]	2,231272
[Halfopenengeslotenagrarischgebied=3]	.
[Duinen=1]	1,851892
[Duinen=2]	1,920034
[Duinen=3]	2,099989
[Duinen=4]	3,394209
[Duinen=5]	.
[Bossen=1]	0,852939
[Bossen=2]	0,895384
[Bossen=3]	1,258642
[Bossen=4]	.
[Moeras=1]	0,108489
[Moeras=2]	-0,223618
[Moeras=3]	.

a. Dependent Variable: PhysicalHealthCronRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ...
						Lower Bound
Residual		8,021565	0,100651	79,697	0,000	7,826699
Intercept [subject = MunicipalityRIVM]	Variance	4,576938	0,381344	12,002	<0,001	3,887354

Estimates of Covariance Parameters^a

Parameter	95% ...	
	Upper Bound	
Residual	8,221283	
Intercept [subject = MunicipalityRIVM]	Variance	5,388848

a. Dependent Variable: PhysicalHealthCronRIVM.

Estimated Marginal Means

strand

Contrast Coefficients

Parameter	strand				
	1	2	3	0 is ref	
Fixed Effects Intercept	1	1	1	1	
SmokingRIVM	16,461	16,461	16,461	16,461	
ObesityRIVM	50,499	50,499	50,499	50,499	
[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091	
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	
[strand=1]	1	0	0	0	
[strand=2]	0	1	0	0	
[strand=3]	0	0	1	0	
[strand=4]	0	0	0	1	

Contrast Coefficients

Parameter	strand			
	1	2	3	0 is ref
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

strand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	33,424 ^b	0,547	11208,273	32,352	34,496
2	30,975 ^b	0,514	9765,129	29,968	31,982
3	32,016 ^b	0,455	9630,442	31,125	32,908
0 is ref	32,485 ^b	0,403	7890,040	31,695	33,274

a. Dependent Variable: PhysicalHealthCronRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) strand	(J) strand	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ^c ... Lower Bound
1	2	2,449*	0,546	13043	<0,001	1,379
	3	1,408*	0,490	13043	0,004	0,448
	0 is ref	0,940*	0,390	13043	0,016	0,176
2	1	-2,449*	0,546	13043	<0,001	-3,519
	3	-1,041*	0,495	12969,682	0,035	-2,011
	0 is ref	-1,509*	0,425	13043	<0,001	-2,342
3	1	-1,408*	0,490	13043	0,004	-2,367
	2	1,041*	0,495	12969,682	0,035	0,071
	0 is ref	-0,468	0,327	12971,680	0,152	-1,110
0 is ref	1	-0,940*	0,390	13043	0,016	-1,703
	2	1,509*	0,425	13043	<0,001	0,677
	3	0,468	0,327	12971,680	0,152	-0,173

Pairwise Comparisons^a

(I) strand	(J) strand	95% Confidence Interval for ^c ... Upper Bound
1	2	3,519
	3	2,367
	0 is ref	1,703
2	1	-1,379
	3	-0,071
	0 is ref	-0,677
3	1	-0,448
	2	2,011
	0 is ref	0,173
0 is ref	1	-0,176
	2	2,342
	3	1,110

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: PhysicalHealthCronRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	13026,492	7,197	<0,001

The F tests the effect of strand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: PhysicalHealthCronRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:19:40.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischedgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischedgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: PhysicalHealthCronRIVM.

Information Criteria^a

-2 Log Likelihood	65316,465
Akaike's Information Criterion (AIC)	65380,465
Hurvich and Tsai's Criterion (AICC)	65380,627
Bozdogan's Criterion (CAIC)	65651,771
Schwarz's Bayesian Criterion (BIC)	65619,771

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
PhysicalHealthCronRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,544
	Conditional	0,709

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9929,959	10,191	0,001
SmokingRIVM	1	13005,345	367,231	<0,001
ObesityRIVM	1	13043	11832,525	0,000
Heidehoogveenenstuifzand	10	12841,240	3,742	<0,001
Openagrarischedgebied	3	12559,911	5,117	0,002
strand	3	13018,244	7,197	<0,001
Halfopenengeslotenagrarischedgebied	2	12768,843	4,202	0,015
Duinen	4	11270,841	7,890	<0,001
Bossen	3	12708,558	25,465	<0,001
Moeras	2	12484,109	12,025	<0,001

a. Dependent Variable: PhysicalHealthCronRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischedgebied=1]	0,250
	[Openagrarischedgebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand=1]	0
	[Heidehoogveenenstuifzand=2]	0
	[Heidehoogveenenstuifzand=3]	0
	[Heidehoogveenenstuifzand=4]	0
	[Heidehoogveenenstuifzand=5]	0
	[Heidehoogveenenstuifzand=6]	0
	[Heidehoogveenenstuifzand=7]	0
	[Heidehoogveenenstuifzand=8]	0
	[Heidehoogveenenstuifzand=9]	0
	[Heidehoogveenenstuifzand=10]	0
	[Heidehoogveenenstuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischgebied=1]	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrari sgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrari schgebied=1]	0	0
[Openagrari schgebied=2]	0	0
[Openagrari schgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-2,690873	0,315740	7383,909	-8,522	<0,001	-3,309814
SmokingRIVM	0,128962	0,006730	13005,345	19,163	<0,001	0,115771
ObesityRIVM	0,626562	0,005760	13043	108,777	0,000	0,615271
[Heidehoogveenestuifzand=1]	-1,787962	1,016745	12820,913	-1,759	0,079	-3,780934
[Heidehoogveenestuifzand=2]	0,847955	0,290788	11953,090	2,916	0,004	0,277963
[Heidehoogveenestuifzand=3]	0,404957	0,310193	12591,030	1,305	0,192	-0,203069
[Heidehoogveenestuifzand=4]	-0,079620	0,174512	13002,092	-0,456	0,648	-0,421689
[Heidehoogveenestuifzand=5]	-0,052442	0,182691	12275,479	-0,287	0,774	-0,410546
[Heidehoogveenestuifzand=6]	-0,488352	0,178800	12845,084	-2,731	0,006	-0,838827
[Heidehoogveenestuifzand=7]	0,199902	0,208650	12409,985	0,958	0,338	-0,209084
[Heidehoogveenestuifzand=8]	0,230462	0,247832	12954,627	0,930	0,352	-0,255326
[Heidehoogveenestuifzand=9]	1,256068	0,333761	13043	3,763	<0,001	0,601847
[Heidehoogveenestuifzand=10]	-0,529391	0,602219	12986,563	-0,879	0,379	-1,709828
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.	.
[Openagrarischgebied=1]	-0,264591	0,087659	11963,665	-3,018	0,003	-0,436416
[Openagrarischgebied=2]	-0,366418	0,118968	11542,400	-3,080	0,002	-0,599616
[Openagrarischgebied=3]	-0,018204	0,183236	12600,238	-0,099	0,921	-0,377375
[Openagrarischgebied=4]	0 ^b	0	.	.	.	.
[strand=1]	0,939584	0,389704	13043	2,411	0,016	0,175707
[strand=2]	-1,509455	0,424933	13043	-3,552	<0,001	-2,342387
[strand=3]	-0,468383	0,327251	12971,680	-1,431	0,152	-1,109843
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengeslotenagrarischgebied=1]	-0,189076	0,078941	12629,922	-2,395	0,017	-0,343812
[Halfopenengeslotenagrarischgebied=2]	0,952594	0,652338	12907,449	1,460	0,144	-0,326085
[Halfopenengeslotenagrarischgebied=3]	0 ^b	0	.	.	.	.
[Duinen=1]	1,188621	0,338377	12383,227	3,513	<0,001	0,525350
[Duinen=2]	1,370538	0,280328	10724,979	4,889	<0,001	0,821043
[Duinen=3]	1,016641	0,552684	12348,399	1,839	0,066	-0,066706
[Duinen=4]	1,398162	1,018278	9337,670	1,373	0,170	-0,597884
[Duinen=5]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
Intercept	-2,071933
SmokingRIVM	0,142154
ObesityRIVM	0,637852
[Heidehoogveenenstuifzand =1]	0,205010
[Heidehoogveenenstuifzand =2]	1,417947
[Heidehoogveenenstuifzand =3]	1,012984
[Heidehoogveenenstuifzand =4]	0,262448
[Heidehoogveenenstuifzand =5]	0,305661
[Heidehoogveenenstuifzand =6]	-0,137876
[Heidehoogveenenstuifzand =7]	0,608887
[Heidehoogveenenstuifzand =8]	0,716249
[Heidehoogveenenstuifzand =9]	1,910288
[Heidehoogveenenstuifzand =10]	0,651046
[Heidehoogveenenstuifzand =11]	.
[Openagrarischedgebied=1]	-0,092766
[Openagrarischedgebied=2]	-0,133221
[Openagrarischedgebied=3]	0,340967
[Openagrarischedgebied=4]	.
[strand=1]	1,703461
[strand=2]	-0,676524
[strand=3]	0,173076
[strand=4]	.
[Halfopenengeslotenagrarischedgebied=1]	-0,034340
[Halfopenengeslotenagrarischedgebied=2]	2,231272
[Halfopenengeslotenagrarischedgebied=3]	.
[Duinen=1]	1,851892
[Duinen=2]	1,920034
[Duinen=3]	2,099989
[Duinen=4]	3,394209
[Duinen=5]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Bossen=1]	0,689336	0,083464	12752,892	8,259	<0,001	0,525734
[Bossen=2]	0,661017	0,119566	12708,414	5,528	<0,001	0,426650
[Bossen=3]	0,916454	0,174572	12602,274	5,250	<0,001	0,574266
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	-0,348554	0,233167	12511,311	-1,495	0,135	-0,805596
[Moeras=2]	-0,378115	0,078819	12462,887	-4,797	<0,001	-0,532612
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ... Upper Bound
[Bossen=1]	0,852939
[Bossen=2]	0,895384
[Bossen=3]	1,258642
[Bossen=4]	.
[Moeras=1]	0,108489
[Moeras=2]	-0,223618
[Moeras=3]	.

a. Dependent Variable: PhysicalHealthCronRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		8,021565	0,100651	79,697	0,000	7,826699
Intercept [subject = MunicipalityRIVM]	Variance	4,576938	0,381344	12,002	<0,001	3,887354

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		8,221283
Intercept [subject = MunicipalityRIVM]	Variance	5,388848

a. Dependent Variable: PhysicalHealthCronRIVM.

Estimated Marginal Means

HalfopenengeslotenagrarischesGebiet

Contrast Coefficients

Parameter	Halfopenengeslotenagrarischgebied		
	1	2	0 is ref
Fixed Effects Intercept	1	1	1
SmokingRIVM	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499
[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091
[Openagrarischgebied=1]	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250
[Halfopenengeslotenagrarisch gebied=1]	1	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	1	0
[Halfopenengeslotenagrarisch gebied=3]	0	0	1
[Duinen=1]	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250

Contrast Coefficients

Parameter	Halfopenengeslotenagrarischgebied		
	1	2	0 is ref
[Bossen=2]	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333

Estimates^a

Halfopenengeslotenagrarischgebied	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	31,781 ^b	0,330	5172,199	31,134	32,429
2	32,923 ^b	0,733	12735,978	31,487	34,359
0 is ref	31,970 ^b	0,331	5178,922	31,322	32,619

a. Dependent Variable: PhysicalHealthCronRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Halfopenengeslotenagrarischgebied	(J) Halfopenengeslotenagrarischgebied	Mean Difference (I-J)	Std. Error	df
1	2	-1,142	0,652	12909,481
	0 is ref	-0,189 [*]	0,079	12629,922
2	1	1,142	0,652	12909,481
	0 is ref	0,953	0,652	12907,449
0 is ref	1	0,189 [*]	0,079	12629,922
	2	-0,953	0,652	12907,449

Pairwise Comparisons^a

(I) Halfopenengeslotenagrarischgebied	(J) Halfopenengeslotenagrarischgebied	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,080	-2,419	0,135
	0 is ref	0,017	-0,344	-0,034
2	1	0,080	-0,135	2,419
	0 is ref	0,144	-0,326	2,231
0 is ref	1	0,017	0,034	0,344
	2	0,144	-2,231	0,326

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: PhysicalHealthCronRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
2	12771,476	4,202	0,015

The F tests the effect of Halfopenengeslotenagrarischngebieb. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: PhysicalHealthCronRIVM.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischngebieb	4		3
	strand	4		3
	Halfopenengeslotenagrarischngebieb	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: PhysicalHealthCronRIVM.

Information Criteria^a

-2 Log Likelihood	65316,465
Akaike's Information Criterion (AIC)	65380,465
Hurvich and Tsai's Criterion (AICC)	65380,627
Bozdogan's Criterion (CAIC)	65651,771
Schwarz's Bayesian Criterion (BIC)	65619,771

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
PhysicalHealthCronRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,544
	Conditional	0,709

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9929,959	10,191	0,001
SmokingRIVM	1	13005,345	367,231	<0,001
ObesityRIVM	1	13043	11832,525	0,000
Heidehoogveenenstuifzand	10	12841,240	3,742	<0,001
Openagrarischgebied	3	12559,911	5,117	0,002
strand	3	13018,244	7,197	<0,001
Halfopenengeslotenagrarischgebied	2	12768,843	4,202	0,015
Duinen	4	11270,841	7,890	<0,001
Bossen	3	12708,558	25,465	<0,001
Moeras	2	12484,109	12,025	<0,001

a. Dependent Variable: PhysicalHealthCronRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
Intercept		0
SmokingRIVM		1
ObesityRIVM		0
[Heidehoogveenestuifzand =1]		0
[Heidehoogveenestuifzand =2]		0
[Heidehoogveenestuifzand =3]		0
[Heidehoogveenestuifzand =4]		0
[Heidehoogveenestuifzand =5]		0
[Heidehoogveenestuifzand =6]		0
[Heidehoogveenestuifzand =7]		0
[Heidehoogveenestuifzand =8]		0
[Heidehoogveenestuifzand =9]		0
[Heidehoogveenestuifzand =10]		0
[Heidehoogveenestuifzand =11]		0
[Openagrarischgebied=1]		0
[Openagrarischgebied=2]		0
[Openagrarischgebied=3]		0
[Openagrarischgebied=4]		0
[strand=1]		0
[strand=2]		0
[strand=3]		0
[strand=4]		0
[Halfopenengeslotenagrarisch gebied=1]		0
[Halfopenengeslotenagrarisch gebied=2]		0
[Halfopenengeslotenagrarisch gebied=3]		0
[Duinen=1]		0
[Duinen=2]		0
[Duinen=3]		0
[Duinen=4]		0
[Duinen=5]		0
[Bossen=1]		0
[Bossen=2]		0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand =1]	0
	[Heidehoogveenestuifzand =2]	0
	[Heidehoogveenestuifzand =3]	0
	[Heidehoogveenestuifzand =4]	0
	[Heidehoogveenestuifzand =5]	0
	[Heidehoogveenestuifzand =6]	0
	[Heidehoogveenestuifzand =7]	0
	[Heidehoogveenestuifzand =8]	0
	[Heidehoogveenestuifzand =9]	0
	[Heidehoogveenestuifzand =10]	0
	[Heidehoogveenestuifzand =11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischedgebied=1]	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0
	[Openagrarischedgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrari shgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrari schgebied=1]	0	0
[Openagrari schgebied=2]	0	0
[Openagrari schgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagraris hgebied=1]	0	0
[Halfopenengeslotenagraris hgebied=2]	0	0
[Halfopenengeslotenagraris hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-2,690873	0,315740	7383,909	-8,522	<0,001	-3,309814
SmokingRIVM	0,128962	0,006730	13005,345	19,163	<0,001	0,115771
ObesityRIVM	0,626562	0,005760	13043	108,777	0,000	0,615271
[Heidehoogveenestuifzand=1]	-1,787962	1,016745	12820,913	-1,759	0,079	-3,780934
[Heidehoogveenestuifzand=2]	0,847955	0,290788	11953,090	2,916	0,004	0,277963
[Heidehoogveenestuifzand=3]	0,404957	0,310193	12591,030	1,305	0,192	-0,203069
[Heidehoogveenestuifzand=4]	-0,079620	0,174512	13002,092	-0,456	0,648	-0,421689
[Heidehoogveenestuifzand=5]	-0,052442	0,182691	12275,479	-0,287	0,774	-0,410546
[Heidehoogveenestuifzand=6]	-0,488352	0,178800	12845,084	-2,731	0,006	-0,838827
[Heidehoogveenestuifzand=7]	0,199902	0,208650	12409,985	0,958	0,338	-0,209084
[Heidehoogveenestuifzand=8]	0,230462	0,247832	12954,627	0,930	0,352	-0,255326
[Heidehoogveenestuifzand=9]	1,256068	0,333761	13043	3,763	<0,001	0,601847
[Heidehoogveenestuifzand=10]	-0,529391	0,602219	12986,563	-0,879	0,379	-1,709828
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.	.
[Openagrarischgebied=1]	-0,264591	0,087659	11963,665	-3,018	0,003	-0,436416
[Openagrarischgebied=2]	-0,366418	0,118968	11542,400	-3,080	0,002	-0,599616
[Openagrarischgebied=3]	-0,018204	0,183236	12600,238	-0,099	0,921	-0,377375
[Openagrarischgebied=4]	0 ^b	0	.	.	.	.
[strand=1]	0,939584	0,389704	13043	2,411	0,016	0,175707
[strand=2]	-1,509455	0,424933	13043	-3,552	<0,001	-2,342387
[strand=3]	-0,468383	0,327251	12971,680	-1,431	0,152	-1,109843
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengeslotenagrarischgebied=1]	-0,189076	0,078941	12629,922	-2,395	0,017	-0,343812
[Halfopenengeslotenagrarischgebied=2]	0,952594	0,652338	12907,449	1,460	0,144	-0,326085
[Halfopenengeslotenagrarischgebied=3]	0 ^b	0	.	.	.	.
[Duinen=1]	1,188621	0,338377	12383,227	3,513	<0,001	0,525350
[Duinen=2]	1,370538	0,280328	10724,979	4,889	<0,001	0,821043
[Duinen=3]	1,016641	0,552684	12348,399	1,839	0,066	-0,066706
[Duinen=4]	1,398162	1,018278	9337,670	1,373	0,170	-0,597884
[Duinen=5]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ... Upper Bound
Intercept	-2,071933
SmokingRIVM	0,142154
ObesityRIVM	0,637852
[Heidehoogveenenstuifzand =1]	0,205010
[Heidehoogveenenstuifzand =2]	1,417947
[Heidehoogveenenstuifzand =3]	1,012984
[Heidehoogveenenstuifzand =4]	0,262448
[Heidehoogveenenstuifzand =5]	0,305661
[Heidehoogveenenstuifzand =6]	-0,137876
[Heidehoogveenenstuifzand =7]	0,608887
[Heidehoogveenenstuifzand =8]	0,716249
[Heidehoogveenenstuifzand =9]	1,910288
[Heidehoogveenenstuifzand =10]	0,651046
[Heidehoogveenenstuifzand =11]	.
[Openagrarisched gebied=1]	-0,092766
[Openagrarisched gebied=2]	-0,133221
[Openagrarisched gebied=3]	0,340967
[Openagrarisched gebied=4]	.
[strand=1]	1,703461
[strand=2]	-0,676524
[strand=3]	0,173076
[strand=4]	.
[Halfopenengeslotenagrarisched gebied=1]	-0,034340
[Halfopenengeslotenagrarisched gebied=2]	2,231272
[Halfopenengeslotenagrarisched gebied=3]	.
[Duinen=1]	1,851892
[Duinen=2]	1,920034
[Duinen=3]	2,099989
[Duinen=4]	3,394209
[Duinen=5]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Bossen=1]	0,689336	0,083464	12752,892	8,259	<0,001	0,525734
[Bossen=2]	0,661017	0,119566	12708,414	5,528	<0,001	0,426650
[Bossen=3]	0,916454	0,174572	12602,274	5,250	<0,001	0,574266
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	-0,348554	0,233167	12511,311	-1,495	0,135	-0,805596
[Moeras=2]	-0,378115	0,078819	12462,887	-4,797	<0,001	-0,532612
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ... Upper Bound
[Bossen=1]	0,852939
[Bossen=2]	0,895384
[Bossen=3]	1,258642
[Bossen=4]	.
[Moeras=1]	0,108489
[Moeras=2]	-0,223618
[Moeras=3]	.

a. Dependent Variable: PhysicalHealthCronRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		8,021565	0,100651	79,697	0,000	7,826699
Intercept [subject = MunicipalityRIVM]	Variance	4,576938	0,381344	12,002	<0,001	3,887354

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		8,221283
Intercept [subject = MunicipalityRIVM]	Variance	5,388848

a. Dependent Variable: PhysicalHealthCronRIVM.

Estimated Marginal Means

Duinen

Contrast Coefficients

Parameter	Duinen				
	1	2	3	4	0 is ref
Fixed Effects Intercept	1	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499	50,499
[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091	0,091
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250	0,250
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	1	0	0	0	0
[Duinen=2]	0	1	0	0	0
[Duinen=3]	0	0	1	0	0
[Duinen=4]	0	0	0	1	0
[Duinen=5]	0	0	0	0	1
[Bossen=1]	0,250	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	Duinen				
	1	2	3	4	0 is ref
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Estimates^a

Duinen	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	32,419 ^b	0,459	10384,075	31,520	33,318
2	32,601 ^b	0,401	9085,927	31,815	33,387
3	32,247 ^b	0,580	11016,707	31,109	33,384
4	32,628 ^b	1,027	9022,397	30,616	34,641
0 is ref	31,230 ^b	0,344	8656,911	30,555	31,905

a. Dependent Variable: PhysicalHealthCronRIVM.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Duinen	(J) Duinen	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ^c ... Lower Bound
1	2	-0,182	0,400	12524,472	0,649	-0,966
	3	0,172	0,602	12567,100	0,775	-1,008
	4	-0,210	1,042	9755,128	0,841	-2,252
	0 is ref	1,189 [*]	0,338	12383,227	<0,001	0,525
2	1	0,182	0,400	12524,472	0,649	-0,602
	3	0,354	0,561	12615,065	0,528	-0,746
	4	-0,028	1,017	9731,051	0,978	-2,020
	0 is ref	1,371 [*]	0,280	10724,979	<0,001	0,821
3	1	-0,172	0,602	12567,100	0,775	-1,352
	2	-0,354	0,561	12615,065	0,528	-1,454
	4	-0,382	0,999	11910,683	0,702	-2,339
	0 is ref	1,017	0,553	12348,399	0,066	-0,067
4	1	0,210	1,042	9755,128	0,841	-1,833
	2	0,028	1,017	9731,051	0,978	-1,965
	3	0,382	0,999	11910,683	0,702	-1,576
	0 is ref	1,398	1,018	9337,670	0,170	-0,598
0 is ref	1	-1,189 [*]	0,338	12383,227	<0,001	-1,852
	2	-1,371 [*]	0,280	10724,979	<0,001	-1,920
	3	-1,017	0,553	12348,399	0,066	-2,100
	4	-1,398	1,018	9337,670	0,170	-3,394

Pairwise Comparisons^a

(I) Duinen	(J) Duinen	95% Confidence Interval for ^c ...
		Upper Bound
1	2	0,602
	3	1,352
	4	1,833
	0 is ref	1,852
2	1	0,966
	3	1,454
	4	1,965
	0 is ref	1,920
3	1	1,008
	2	0,746
	4	1,576
	0 is ref	2,100
4	1	2,252
	2	2,020
	3	2,339
	0 is ref	3,394
0 is ref	1	-0,525
	2	-0,821
	3	0,067
	4	0,598

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: PhysicalHealthCronRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
4	11325,685	7,890	<0,001

The F tests the effect of Duinen. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: PhysicalHealthCronRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:19:43.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
	Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: PhysicalHealthCronRIVM.

Information Criteria^a

-2 Log Likelihood	65316,465
Akaike's Information Criterion (AIC)	65380,465
Hurvich and Tsai's Criterion (AICC)	65380,627
Bozdogan's Criterion (CAIC)	65651,771
Schwarz's Bayesian Criterion (BIC)	65619,771

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
PhysicalHealthCronRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,544
	Conditional	0,709

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9929,959	10,191	0,001
SmokingRIVM	1	13005,345	367,231	<0,001
ObesityRIVM	1	13043	11832,525	0,000
Heidehoogveenestuifzand	10	12841,240	3,742	<0,001
Openagrarischgebied	3	12559,911	5,117	0,002
strand	3	13018,244	7,197	<0,001
Halfopenengslotenagrarischgebied	2	12768,843	4,202	0,015
Duinen	4	11270,841	7,890	<0,001
Bossen	3	12708,558	25,465	<0,001
Moeras	2	12484,109	12,025	<0,001

a. Dependent Variable: PhysicalHealthCronRIVM.

Type III Estimable Functions

Intercept

L1

Fixed Effects		L1
Intercept		1
SmokingRIVM		0
ObesityRIVM		0
[Heidehoogveenenstuifzand =1]		0,091
[Heidehoogveenenstuifzand =2]		0,091
[Heidehoogveenenstuifzand =3]		0,091
[Heidehoogveenenstuifzand =4]		0,091
[Heidehoogveenenstuifzand =5]		0,091
[Heidehoogveenenstuifzand =6]		0,091
[Heidehoogveenenstuifzand =7]		0,091
[Heidehoogveenenstuifzand =8]		0,091
[Heidehoogveenenstuifzand =9]		0,091
[Heidehoogveenenstuifzand =10]		0,091
[Heidehoogveenenstuifzand =11]		0,091
[Openagrarischedgebied=1]		0,250
[Openagrarischedgebied=2]		0,250
[Openagrarischedgebied=3]		0,250
[Openagrarischedgebied=4]		0,250
[strand=1]		0,250
[strand=2]		0,250
[strand=3]		0,250
[strand=4]		0,250
[Halfopenengeslotenagrarischedgebied=1]		0,333
[Halfopenengeslotenagrarischedgebied=2]		0,333
[Halfopenengeslotenagrarischedgebied=3]		0,333
[Duinen=1]		0,200
[Duinen=2]		0,200
[Duinen=3]		0,200
[Duinen=4]		0,200
[Duinen=5]		0,200
[Bossen=1]		0,250
[Bossen=2]		0,250

Intercept

L1

[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

SmokingRIVM

L2

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0

ObesityRIVM

L3

[Openagrarischgebied=4]	0
[strand=1]	0
[strand=2]	0
[strand=3]	0
[strand=4]	0
[Halfopenengeslotenagrarisc hgebied=1]	0
[Halfopenengeslotenagrarisc hgebied=2]	0
[Halfopenengeslotenagrarisc hgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand =1]	1	0	0	0	0
	[Heidehoogveenestuifzand =2]	0	1	0	0	0
	[Heidehoogveenestuifzand =3]	0	0	1	0	0
	[Heidehoogveenestuifzand =4]	0	0	0	1	0
	[Heidehoogveenestuifzand =5]	0	0	0	0	1
	[Heidehoogveenestuifzand =6]	0	0	0	0	0
	[Heidehoogveenestuifzand =7]	0	0	0	0	0
	[Heidehoogveenestuifzand =8]	0	0	0	0	0
	[Heidehoogveenestuifzand =9]	0	0	0	0	0
	[Heidehoogveenestuifzand =10]	0	0	0	0	0
	[Heidehoogveenestuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

	L4	L5	L6	L7	L8
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenestuifzand

	L9	L10	L11	L12	L13
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

	L15	L16	L17
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenestuifzand =1]	0	0	0
[Heidehoogveenestuifzand =2]	0	0	0
[Heidehoogveenestuifzand =3]	0	0	0
[Heidehoogveenestuifzand =4]	0	0	0
[Heidehoogveenestuifzand =5]	0	0	0
[Heidehoogveenestuifzand =6]	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0
[Openagrarischgebied=1]	1	0	0
[Openagrarischgebied=2]	0	1	0
[Openagrarischgebied=3]	0	0	1
[Openagrarischgebied=4]	-1	-1	-1

Openagrarischgebied

	L15	L16	L17
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

		L19	L20	L21
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	1	0	0
	[strand=2]	0	1	0
	[strand=3]	0	0	1
	[strand=4]	-1	-1	-1
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

strand

	L19	L20	L21
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1

Halfopenengeslotenagrarischgebied

	L23	L24
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L26	L27	L28	L29
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L31	L32	L33
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0

Bossen

	L31	L32	L33
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

		L35	L36
Fixed Effects	Intercept	0	0
	SmokingRIVM	0	0
	ObesityRIVM	0	0
	[Heidehoogveenenstuifzand=1]	0	0
	[Heidehoogveenenstuifzand=2]	0	0
	[Heidehoogveenenstuifzand=3]	0	0
	[Heidehoogveenenstuifzand=4]	0	0
	[Heidehoogveenenstuifzand=5]	0	0
	[Heidehoogveenenstuifzand=6]	0	0
	[Heidehoogveenenstuifzand=7]	0	0
	[Heidehoogveenenstuifzand=8]	0	0
	[Heidehoogveenenstuifzand=9]	0	0
	[Heidehoogveenenstuifzand=10]	0	0
	[Heidehoogveenenstuifzand=11]	0	0
	[Openagrarischedgebied=1]	0	0
	[Openagrarischedgebied=2]	0	0
	[Openagrarischedgebied=3]	0	0
	[Openagrarischedgebied=4]	0	0
	[strand=1]	0	0
	[strand=2]	0	0
	[strand=3]	0	0
	[strand=4]	0	0
	[Halfopenengeslotenagrarischedgebied=1]	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0

Moeras

	L35	L36
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-2,690873	0,315740	7383,909	-8,522	<0,001	-3,309814
SmokingRIVM	0,128962	0,006730	13005,345	19,163	<0,001	0,115771
ObesityRIVM	0,626562	0,005760	13043	108,777	0,000	0,615271
[Heidehoogveenestuifzand=1]	-1,787962	1,016745	12820,913	-1,759	0,079	-3,780934
[Heidehoogveenestuifzand=2]	0,847955	0,290788	11953,090	2,916	0,004	0,277963
[Heidehoogveenestuifzand=3]	0,404957	0,310193	12591,030	1,305	0,192	-0,203069
[Heidehoogveenestuifzand=4]	-0,079620	0,174512	13002,092	-0,456	0,648	-0,421689
[Heidehoogveenestuifzand=5]	-0,052442	0,182691	12275,479	-0,287	0,774	-0,410546
[Heidehoogveenestuifzand=6]	-0,488352	0,178800	12845,084	-2,731	0,006	-0,838827
[Heidehoogveenestuifzand=7]	0,199902	0,208650	12409,985	0,958	0,338	-0,209084
[Heidehoogveenestuifzand=8]	0,230462	0,247832	12954,627	0,930	0,352	-0,255326
[Heidehoogveenestuifzand=9]	1,256068	0,333761	13043	3,763	<0,001	0,601847
[Heidehoogveenestuifzand=10]	-0,529391	0,602219	12986,563	-0,879	0,379	-1,709828
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.	.
[Openagrarischgebied=1]	-0,264591	0,087659	11963,665	-3,018	0,003	-0,436416

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
Intercept	-2,071933
SmokingRIVM	0,142154
ObesityRIVM	0,637852
[Heidehoogveenenstuifzand =1]	0,205010
[Heidehoogveenenstuifzand =2]	1,417947
[Heidehoogveenenstuifzand =3]	1,012984
[Heidehoogveenenstuifzand =4]	0,262448
[Heidehoogveenenstuifzand =5]	0,305661
[Heidehoogveenenstuifzand =6]	-0,137876
[Heidehoogveenenstuifzand =7]	0,608887
[Heidehoogveenenstuifzand =8]	0,716249
[Heidehoogveenenstuifzand =9]	1,910288
[Heidehoogveenenstuifzand =10]	0,651046
[Heidehoogveenenstuifzand =11]	.
[Openagrarischgebied=1]	-0,092766

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Openagrarischgebiet=2]	-0,366418	0,118968	11542,400	-3,080	0,002	-0,599616
[Openagrarischgebiet=3]	-0,018204	0,183236	12600,238	-0,099	0,921	-0,377375
[Openagrarischgebiet=4]	0 ^b	0	.	.	.	.
[strand=1]	0,939584	0,389704	13043	2,411	0,016	0,175707
[strand=2]	-1,509455	0,424933	13043	-3,552	<0,001	-2,342387
[strand=3]	-0,468383	0,327251	12971,680	-1,431	0,152	-1,109843
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengeslotenagrarisc hgebiet=1]	-0,189076	0,078941	12629,922	-2,395	0,017	-0,343812
[Halfopenengeslotenagrarisc hgebiet=2]	0,952594	0,652338	12907,449	1,460	0,144	-0,326085
[Halfopenengeslotenagrarisc hgebiet=3]	0 ^b	0	.	.	.	.
[Duinen=1]	1,188621	0,338377	12383,227	3,513	<0,001	0,525350
[Duinen=2]	1,370538	0,280328	10724,979	4,889	<0,001	0,821043
[Duinen=3]	1,016641	0,552684	12348,399	1,839	0,066	-0,066706
[Duinen=4]	1,398162	1,018278	9337,670	1,373	0,170	-0,597884
[Duinen=5]	0 ^b	0	.	.	.	.
[Bossen=1]	0,689336	0,083464	12752,892	8,259	<0,001	0,525734
[Bossen=2]	0,661017	0,119566	12708,414	5,528	<0,001	0,426650
[Bossen=3]	0,916454	0,174572	12602,274	5,250	<0,001	0,574266
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	-0,348554	0,233167	12511,311	-1,495	0,135	-0,805596
[Moeras=2]	-0,378115	0,078819	12462,887	-4,797	<0,001	-0,532612
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
[Openagrarischgebied=2]	-0,133221
[Openagrarischgebied=3]	0,340967
[Openagrarischgebied=4]	.
[strand=1]	1,703461
[strand=2]	-0,676524
[strand=3]	0,173076
[strand=4]	.
[Halfopenengeslotenagrarischgebied=1]	-0,034340
[Halfopenengeslotenagrarischgebied=2]	2,231272
[Halfopenengeslotenagrarischgebied=3]	.
[Duinen=1]	1,851892
[Duinen=2]	1,920034
[Duinen=3]	2,099989
[Duinen=4]	3,394209
[Duinen=5]	.
[Bossen=1]	0,852939
[Bossen=2]	0,895384
[Bossen=3]	1,258642
[Bossen=4]	.
[Moeras=1]	0,108489
[Moeras=2]	-0,223618
[Moeras=3]	.

a. Dependent Variable: PhysicalHealthCronRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ...
						Lower Bound
Residual		8,021565	0,100651	79,697	0,000	7,826699
Intercept [subject = MunicipalityRIVM]	Variance	4,576938	0,381344	12,002	<0,001	3,887354

Estimates of Covariance Parameters^a

Parameter	95% ...	
	Upper Bound	
Residual	8,221283	
Intercept [subject = MunicipalityRIVM]	Variance	5,388848

a. Dependent Variable: PhysicalHealthCronRIVM.

Estimated Marginal Means

Bossen

Contrast Coefficients

Parameter	Bossen				
	1	2	3	0 is ref	
Fixed Effects Intercept	1	1	1	1	
SmokingRIVM	16,461	16,461	16,461	16,461	
ObesityRIVM	50,499	50,499	50,499	50,499	
[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091	
[Openagrarischedgebied=1]	0,250	0,250	0,250	0,250	
[Openagrarischedgebied=2]	0,250	0,250	0,250	0,250	
[Openagrarischedgebied=3]	0,250	0,250	0,250	0,250	
[Openagrarischedgebied=4]	0,250	0,250	0,250	0,250	
[strand=1]	0,250	0,250	0,250	0,250	
[strand=2]	0,250	0,250	0,250	0,250	
[strand=3]	0,250	0,250	0,250	0,250	
[strand=4]	0,250	0,250	0,250	0,250	

Contrast Coefficients

Parameter	Bossen			
	1	2	3	0 is ref
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	1	0	0	0
[Bossen=2]	0	1	0	0
[Bossen=3]	0	0	1	0
[Bossen=4]	0	0	0	1
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

Bossen	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	32,348 ^b	0,403	7903,019	31,557	33,138
2	32,319 ^b	0,398	7804,141	31,539	33,099
3	32,575 ^b	0,411	8222,515	31,769	33,381
0 is ref	31,658 ^b	0,408	8017,163	30,858	32,459

a. Dependent Variable: PhysicalHealthCronRIVM.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Bossen	(J) Bossen	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ^c ... Lower Bound
1	2	0,028	0,108	12706,998	0,794	-0,184
	3	-0,227	0,166	12620,723	0,171	-0,552
	0 is ref	0,689*	0,083	12752,892	<0,001	0,526
2	1	-0,028	0,108	12706,998	0,794	-0,241
	3	-0,255	0,172	12830,425	0,137	-0,592
	0 is ref	0,661*	0,120	12708,414	<0,001	0,427
3	1	0,227	0,166	12620,723	0,171	-0,098
	2	0,255	0,172	12830,425	0,137	-0,082
	0 is ref	0,916*	0,175	12602,274	<0,001	0,574
0 is ref	1	-0,689*	0,083	12752,892	<0,001	-0,853
	2	-0,661*	0,120	12708,414	<0,001	-0,895
	3	-0,916*	0,175	12602,274	<0,001	-1,259

Pairwise Comparisons^a

(I) Bossen	(J) Bossen	95% Confidence Interval for ^c ... Upper Bound
1	2	0,241
	3	0,098
	0 is ref	0,853
2	1	0,184
	3	0,082
	0 is ref	0,895
3	1	0,552
	2	0,592
	0 is ref	1,259
0 is ref	1	-0,526
	2	-0,427
	3	-0,574

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: PhysicalHealthCronRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	12712,435	25,465	<0,001

The F tests the effect of Bossen. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: PhysicalHealthCronRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:19:45.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: PhysicalHealthCronRIVM.

Information Criteria^a

-2 Log Likelihood	65316,465
Akaike's Information Criterion (AIC)	65380,465
Hurvich and Tsai's Criterion (AICC)	65380,627
Bozdogan's Criterion (CAIC)	65651,771
Schwarz's Bayesian Criterion (BIC)	65619,771

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
PhysicalHealthCronRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,544
	Conditional	0,709

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9929,959	10,191	0,001
SmokingRIVM	1	13005,345	367,231	<0,001
ObesityRIVM	1	13043	11832,525	0,000
Heidehoogveenenstuifzand	10	12841,240	3,742	<0,001
Openagrarischedgebied	3	12559,911	5,117	0,002
strand	3	13018,244	7,197	<0,001
Halfopenengeslotenagrarischedgebied	2	12768,843	4,202	0,015
Duinen	4	11270,841	7,890	<0,001
Bossen	3	12708,558	25,465	<0,001
Moeras	2	12484,109	12,025	<0,001

a. Dependent Variable: PhysicalHealthCronRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischedgebied=1]	0,250
	[Openagrarischedgebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0
	[Heidehoogveenenstuifzand =2]	0
	[Heidehoogveenenstuifzand =3]	0
	[Heidehoogveenenstuifzand =4]	0
	[Heidehoogveenenstuifzand =5]	0
	[Heidehoogveenenstuifzand =6]	0
	[Heidehoogveenenstuifzand =7]	0
	[Heidehoogveenenstuifzand =8]	0
	[Heidehoogveenenstuifzand =9]	0
	[Heidehoogveenenstuifzand =10]	0
	[Heidehoogveenenstuifzand =11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischedgebied=1]	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0
	[Openagrarischedgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrari shgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrari schgebied=1]	0	0
[Openagrari schgebied=2]	0	0
[Openagrari schgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagraris hgebied=1]	0	0
[Halfopenengeslotenagraris hgebied=2]	0	0
[Halfopenengeslotenagraris hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-2,690873	0,315740	7383,909	-8,522	<0,001	-3,309814
SmokingRIVM	0,128962	0,006730	13005,345	19,163	<0,001	0,115771
ObesityRIVM	0,626562	0,005760	13043	108,777	0,000	0,615271
[Heidehoogveenenstuifzand=1]	-1,787962	1,016745	12820,913	-1,759	0,079	-3,780934
[Heidehoogveenenstuifzand=2]	0,847955	0,290788	11953,090	2,916	0,004	0,277963
[Heidehoogveenenstuifzand=3]	0,404957	0,310193	12591,030	1,305	0,192	-0,203069
[Heidehoogveenenstuifzand=4]	-0,079620	0,174512	13002,092	-0,456	0,648	-0,421689
[Heidehoogveenenstuifzand=5]	-0,052442	0,182691	12275,479	-0,287	0,774	-0,410546
[Heidehoogveenenstuifzand=6]	-0,488352	0,178800	12845,084	-2,731	0,006	-0,838827
[Heidehoogveenenstuifzand=7]	0,199902	0,208650	12409,985	0,958	0,338	-0,209084
[Heidehoogveenenstuifzand=8]	0,230462	0,247832	12954,627	0,930	0,352	-0,255326
[Heidehoogveenenstuifzand=9]	1,256068	0,333761	13043	3,763	<0,001	0,601847
[Heidehoogveenenstuifzand=10]	-0,529391	0,602219	12986,563	-0,879	0,379	-1,709828
[Heidehoogveenenstuifzand=11]	0 ^b	0	.	.	.	.
[Openagrarischedgebied=1]	-0,264591	0,087659	11963,665	-3,018	0,003	-0,436416
[Openagrarischedgebied=2]	-0,366418	0,118968	11542,400	-3,080	0,002	-0,599616
[Openagrarischedgebied=3]	-0,018204	0,183236	12600,238	-0,099	0,921	-0,377375
[Openagrarischedgebied=4]	0 ^b	0	.	.	.	.
[strand=1]	0,939584	0,389704	13043	2,411	0,016	0,175707
[strand=2]	-1,509455	0,424933	13043	-3,552	<0,001	-2,342387
[strand=3]	-0,468383	0,327251	12971,680	-1,431	0,152	-1,109843
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengeslotenagrarischedgebied=1]	-0,189076	0,078941	12629,922	-2,395	0,017	-0,343812
[Halfopenengeslotenagrarischedgebied=2]	0,952594	0,652338	12907,449	1,460	0,144	-0,326085
[Halfopenengeslotenagrarischedgebied=3]	0 ^b	0	.	.	.	.
[Duinen=1]	1,188621	0,338377	12383,227	3,513	<0,001	0,525350
[Duinen=2]	1,370538	0,280328	10724,979	4,889	<0,001	0,821043
[Duinen=3]	1,016641	0,552684	12348,399	1,839	0,066	-0,066706
[Duinen=4]	1,398162	1,018278	9337,670	1,373	0,170	-0,597884
[Duinen=5]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
Intercept	-2,071933
SmokingRIVM	0,142154
ObesityRIVM	0,637852
[Heidehoogveenenstuifzand =1]	0,205010
[Heidehoogveenenstuifzand =2]	1,417947
[Heidehoogveenenstuifzand =3]	1,012984
[Heidehoogveenenstuifzand =4]	0,262448
[Heidehoogveenenstuifzand =5]	0,305661
[Heidehoogveenenstuifzand =6]	-0,137876
[Heidehoogveenenstuifzand =7]	0,608887
[Heidehoogveenenstuifzand =8]	0,716249
[Heidehoogveenenstuifzand =9]	1,910288
[Heidehoogveenenstuifzand =10]	0,651046
[Heidehoogveenenstuifzand =11]	.
[Openagrarisched=1]	-0,092766
[Openagrarisched=2]	-0,133221
[Openagrarisched=3]	0,340967
[Openagrarisched=4]	.
[strand=1]	1,703461
[strand=2]	-0,676524
[strand=3]	0,173076
[strand=4]	.
[Halfopenengeslotenagrarisched=1]	-0,034340
[Halfopenengeslotenagrarisched=2]	2,231272
[Halfopenengeslotenagrarisched=3]	.
[Duinen=1]	1,851892
[Duinen=2]	1,920034
[Duinen=3]	2,099989
[Duinen=4]	3,394209
[Duinen=5]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Bossen=1]	0,689336	0,083464	12752,892	8,259	<0,001	0,525734
[Bossen=2]	0,661017	0,119566	12708,414	5,528	<0,001	0,426650
[Bossen=3]	0,916454	0,174572	12602,274	5,250	<0,001	0,574266
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	-0,348554	0,233167	12511,311	-1,495	0,135	-0,805596
[Moeras=2]	-0,378115	0,078819	12462,887	-4,797	<0,001	-0,532612
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ... Upper Bound
[Bossen=1]	0,852939
[Bossen=2]	0,895384
[Bossen=3]	1,258642
[Bossen=4]	.
[Moeras=1]	0,108489
[Moeras=2]	-0,223618
[Moeras=3]	.

a. Dependent Variable: PhysicalHealthCronRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		8,021565	0,100651	79,697	0,000	7,826699
Intercept [subject = MunicipalityRIVM]	Variance	4,576938	0,381344	12,002	<0,001	3,887354

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		8,221283
Intercept [subject = MunicipalityRIVM]	Variance	5,388848

a. Dependent Variable: PhysicalHealthCronRIVM.

Estimated Marginal Means

Moeras

Contrast Coefficients

Parameter	Moeras		
	1	2	0 is ref
Fixed Effects Intercept	1	1	1
SmokingRIVM	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499
[Heidehoogveenenstuifzand=1]	0,091	0,091	0,091
[Heidehoogveenenstuifzand=2]	0,091	0,091	0,091
[Heidehoogveenenstuifzand=3]	0,091	0,091	0,091
[Heidehoogveenenstuifzand=4]	0,091	0,091	0,091
[Heidehoogveenenstuifzand=5]	0,091	0,091	0,091
[Heidehoogveenenstuifzand=6]	0,091	0,091	0,091
[Heidehoogveenenstuifzand=7]	0,091	0,091	0,091
[Heidehoogveenenstuifzand=8]	0,091	0,091	0,091
[Heidehoogveenenstuifzand=9]	0,091	0,091	0,091
[Heidehoogveenenstuifzand=10]	0,091	0,091	0,091
[Heidehoogveenenstuifzand=11]	0,091	0,091	0,091
[Openagrarischgebied=1]	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250

Contrast Coefficients

Parameter	Moeras		
	1	2	0 is ref
[Bossen=2]	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250
[Moeras=1]	1	0	0
[Moeras=2]	0	1	0
[Moeras=3]	0	0	1

Estimates^a

Moeras	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	32,119 ^b	0,445	8817,231	31,247	32,990
2	32,089 ^b	0,396	7731,504	31,313	32,866
0 is ref	32,467 ^b	0,393	7670,184	31,697	33,237

a. Dependent Variable: PhysicalHealthCronRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Moeras	(J) Moeras	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ^c ..
						Lower Bound
1	2	0,030	0,239	12489,617	0,901	-0,438
	0 is ref	-0,349	0,233	12511,311	0,135	-0,806
2	1	-0,030	0,239	12489,617	0,901	-0,497
	0 is ref	-0,378 [*]	0,079	12462,887	<0,001	-0,533
0 is ref	1	0,349	0,233	12511,311	0,135	-0,108
	2	0,378 [*]	0,079	12462,887	<0,001	0,224

Pairwise Comparisons^a

(I) Moeras	(J) Moeras	95% Confidence Interval for ^c ..
		Upper Bound
1	2	0,497
	0 is ref	0,108
2	1	0,438
	0 is ref	-0,224
0 is ref	1	0,806
	2	0,533

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: PhysicalHealthCronRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
2	12484,326	12,025	<0,001

The F tests the effect of Moeras. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: PhysicalHealthCronRIVM.

Mixed Model Analysis

Warnings

A program error has occurred: Attempt to free unallocated memory. Please note the circumstances under which this error occurred, attempting to replicate it if possible, and then notify Technical Support.

This is an error from which the application cannot recover. The SPSS Statistics run will terminate now.

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: FearDepressionMediumRiskRIVM.

Information Criteria^a

-2 Log Likelihood	63140,228
Akaike's Information Criterion (AIC)	63204,228
Hurvich and Tsai's Criterion (AICC)	63204,390
Bozdogan's Criterion (CAIC)	63475,533
Schwarz's Bayesian Criterion (BIC)	63443,533

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
FearDepressionMediumRiskRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,574
	Conditional	0,858

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	6497,897	1895,852	0,000
SmokingRIVM	1	12836,980	32199,990	0,000
ObesityRIVM	1	12892,625	86,788	<0,001
Heidehoogveenenstuifzand	10	12955,696	2,054	0,025
Openagrarischgebied	3	13023,081	4,222	0,005
strand	3	12956,879	5,202	0,001
Halfopenengeslotenagrarischgebied	2	12905,983	1,829	0,161
Duinen	4	12988,736	1,326	0,257
Bossen	3	13020,119	8,522	<0,001
Moeras	2	13043	5,566	0,004

a. Dependent Variable: FearDepressionMediumRiskRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagraris chgebied=1]	0,333
[Halfopenengeslotenagraris chgebied=2]	0,333
[Halfopenengeslotenagraris chgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0
	[Openagrarischgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischgebied=1]	0
	[Halfopenengeslotenagrarischgebied=2]	0
	[Halfopenengeslotenagrarischgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischgebied=1]	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagraris hgebied=1]	0	0
[Halfopenengeslotenagraris hgebied=2]	0	0
[Halfopenengeslotenagraris hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	22,111192	0,331487	2545,455	66,703	0,000
SmokingRIVM	1,099545	0,006128	12836,980	179,444	0,000
ObesityRIVM	0,049028	0,005263	12892,625	9,316	<0,001
[Heidehoogveenenstuifzand =1]	1,685050	0,922028	12747,837	1,828	0,068
[Heidehoogveenenstuifzand =2]	0,596975	0,270443	13043	2,207	0,027
[Heidehoogveenenstuifzand =3]	-0,388564	0,286864	13041,831	-1,355	0,176
[Heidehoogveenenstuifzand =4]	-0,327090	0,160190	12961,220	-2,042	0,041
[Heidehoogveenenstuifzand =5]	-0,187538	0,169544	13043	-1,106	0,269
[Heidehoogveenenstuifzand =6]	-0,350322	0,164747	13010,224	-2,126	0,033
[Heidehoogveenenstuifzand =7]	0,068554	0,193302	13043	0,355	0,723
[Heidehoogveenenstuifzand =8]	-0,038482	0,227796	12979,212	-0,169	0,866
[Heidehoogveenenstuifzand =9]	0,113809	0,304562	12869,352	0,374	0,709
[Heidehoogveenenstuifzand =10]	-0,371780	0,547870	12811,793	-0,679	0,497
[Heidehoogveenenstuifzand =11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	-0,193294	0,081585	13043	-2,369	0,018
[Openagrarischgebied=2]	-0,342252	0,111131	13043	-3,080	0,002
[Openagrarischgebied=3]	-0,504607	0,169385	13036,805	-2,979	0,003
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	-1,131631	0,356193	12896,670	-3,177	0,001
[strand=2]	-1,019340	0,389903	12982,433	-2,614	0,009
[strand=3]	-0,323722	0,300723	12979,213	-1,076	0,282
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisch gebied=1]	0,113764	0,072958	13036,609	1,559	0,119
[Halfopenengeslotenagrarisch gebied=2]	-0,588642	0,592443	12778,224	-0,994	0,320
[Halfopenengeslotenagrarisch gebied=3]	0 ^b	0	.	.	.
[Duinen=1]	-0,052978	0,313562	13043	-0,169	0,866
[Duinen=2]	-0,409935	0,263320	13043	-1,557	0,120
[Duinen=3]	-1,020988	0,515055	13043	-1,982	0,047
[Duinen=4]	-0,657763	0,969024	12846,523	-0,679	0,497
[Duinen=5]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	21,461180	22,761204
SmokingRIVM	1,087534	1,111556
ObesityRIVM	0,038712	0,059344
[Heidehoogveenestuifzand=1]	-0,122264	3,492364
[Heidehoogveenestuifzand=2]	0,066867	1,127083
[Heidehoogveenestuifzand=3]	-0,950859	0,173732
[Heidehoogveenestuifzand=4]	-0,641085	-0,013095
[Heidehoogveenestuifzand=5]	-0,519869	0,144793
[Heidehoogveenestuifzand=6]	-0,673249	-0,027394
[Heidehoogveenestuifzand=7]	-0,310345	0,447453
[Heidehoogveenestuifzand=8]	-0,484995	0,408031
[Heidehoogveenestuifzand=9]	-0,483177	0,710795
[Heidehoogveenestuifzand=10]	-1,445687	0,702126
[Heidehoogveenestuifzand=11]	.	.
[Openagrarisched=1]	-0,353212	-0,033376
[Openagrarisched=2]	-0,560084	-0,124419
[Openagrarisched=3]	-0,836626	-0,172588
[Openagrarisched=4]	.	.
[strand=1]	-1,829822	-0,433439
[strand=2]	-1,783607	-0,255074
[strand=3]	-0,913184	0,265740
[strand=4]	.	.
[Halfopenengeslotenagrarisched=1]	-0,029245	0,256773
[Halfopenengeslotenagrarisched=2]	-1,749919	0,572635
[Halfopenengeslotenagrarisched=3]	.	.
[Duinen=1]	-0,667606	0,561650
[Duinen=2]	-0,926080	0,106210
[Duinen=3]	-2,030571	-0,011406
[Duinen=4]	-2,557194	1,241668
[Duinen=5]	.	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Bossen=1]	0,346739	0,076991	13017,857	4,504	<0,001
[Bossen=2]	0,033562	0,110366	13024,087	0,304	0,761
[Bossen=3]	0,030844	0,161341	13033,326	0,191	0,848
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,156879	0,215843	13043	-0,727	0,467
[Moeras=2]	-0,241788	0,072989	13043	-3,313	<0,001
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Bossen=1]	0,195825	0,497653
[Bossen=2]	-0,182772	0,249896
[Bossen=3]	-0,285408	0,347096
[Bossen=4]	.	.
[Moeras=1]	-0,579963	0,266204
[Moeras=2]	-0,384856	-0,098719
[Moeras=3]	.	.

a. Dependent Variable: FearDepressionMediumRiskRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		6,574089	0,082468	79,717	0,000	6,414426
Intercept [subject = MunicipalityRIVM]	Variance	13,207216	1,029359	12,831	<0,001	11,336249

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		6,737726
Intercept [subject = MunicipalityRIVM]	Variance	15,386973

a. Dependent Variable: FearDepressionMediumRiskRIVM.

Estimated Marginal Means

Heidehoogveenestuifzand

Contrast Coefficients

Parameter	Heidehoogveenestuifzand				
	1	2	3	4	5
Fixed Effects Intercept	1	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499	50,499
[Heidehoogveenestuifzand =1]	1	0	0	0	0
[Heidehoogveenestuifzand =2]	0	1	0	0	0
[Heidehoogveenestuifzand =3]	0	0	1	0	0
[Heidehoogveenestuifzand =4]	0	0	0	1	0
[Heidehoogveenestuifzand =5]	0	0	0	0	1
[Heidehoogveenestuifzand =6]	0	0	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0	0	0
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250	0,250
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	6	7	8	9	10
Fixed Effects Intercept	1	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499	50,499
[Heidehoogveenenstuifzand =1]	0	0	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0	0	0
[Heidehoogveenenstuifzand =6]	1	0	0	0	0
[Heidehoogveenenstuifzand =7]	0	1	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	1	0	0
[Heidehoogveenenstuifzand =9]	0	0	0	1	0
[Heidehoogveenenstuifzand =10]	0	0	0	0	1
[Heidehoogveenenstuifzand =11]	0	0	0	0	0
[Openagrarischedgebied=1]	0,250	0,250	0,250	0,250	0,250
[Openagrarischedgebied=2]	0,250	0,250	0,250	0,250	0,250
[Openagrarischedgebied=3]	0,250	0,250	0,250	0,250	0,250
[Openagrarischedgebied=4]	0,250	0,250	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250	0,250
[Halfopenengeslotenagrarischedgebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischedgebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischedgebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	Heidehoogv.. 0 is ref
Fixed Effects Intercept	1
SmokingRIVM	16,461
ObesityRIVM	50,499
[Heidehoogveenenstuifzand =1]	0
[Heidehoogveenenstuifzand =2]	0
[Heidehoogveenenstuifzand =3]	0
[Heidehoogveenenstuifzand =4]	0
[Heidehoogveenenstuifzand =5]	0
[Heidehoogveenenstuifzand =6]	0
[Heidehoogveenenstuifzand =7]	0
[Heidehoogveenenstuifzand =8]	0
[Heidehoogveenenstuifzand =9]	0
[Heidehoogveenenstuifzand =10]	0
[Heidehoogveenenstuifzand =11]	1
[Openagrarischgebied=1]	0,250
[Openagrarischgebied=2]	0,250
[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarisch gebied=1]	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	1	2	3	4	5
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	6	7	8	9	10
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogv..
	0 is ref
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

Estimates^a

Heidehoogveenenstuifzand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	42,876 ^b	0,990	12928,114	40,935	44,817
2	41,788 ^b	0,469	6179,431	40,869	42,707
3	40,802 ^b	0,489	6773,293	39,843	41,762
4	40,864 ^b	0,420	4766,970	40,040	41,687
5	41,003 ^b	0,419	4723,222	40,181	41,825
6	40,841 ^b	0,412	4516,633	40,033	41,649
7	41,259 ^b	0,427	4972,729	40,421	42,098
8	41,152 ^b	0,441	5432,093	40,288	42,017
9	41,305 ^b	0,482	6752,502	40,360	42,249
10	40,819 ^b	0,665	10964,719	39,516	42,122
0 is ref	41,191 ^b	0,386	3720,554	40,435	41,947

a. Dependent Variable: FearDepressionMediumRiskRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
1	2	1,088	0,964	12798,941
	3	2,074 [*]	0,967	12788,542
	4	2,012 [*]	0,937	12761,744
	5	1,873 [*]	0,936	12766,606
	6	2,035 [*]	0,928	12754,665
	7	1,616	0,938	12766,964
	8	1,724	0,938	12761,772
	9	1,571	0,950	12753,516
	10	2,057 [*]	1,043	12755,101
	0 is ref	1,685	0,922	12747,837
2	1	-1,088	0,964	12798,941
	3	0,986 [*]	0,381	13039,105
	4	0,924 [*]	0,308	13043
	5	0,785 [*]	0,316	13043
	6	0,947 [*]	0,309	13043
	7	0,528	0,328	13043
	8	0,635	0,341	13022,942
	9	0,483	0,366	12921,123
	10	0,969	0,604	12870,399
	0 is ref	0,597 [*]	0,270	13043

Pairwise Comparisons^a

(I) Heidehoogveenstuifzand	(J) Heidehoogveenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,259	-0,801	2,977
	3	0,032	0,178	3,969
	4	0,032	0,175	3,849
	5	0,046	0,037	3,708
	6	0,028	0,217	3,854
	7	0,085	-0,221	3,454
	8	0,066	-0,116	3,563
	9	0,098	-0,291	3,433
	10	0,049	0,013	4,101
	0 is ref	0,068	-0,122	3,492
	2	1	0,259	-2,977	0,801
3		0,010	0,239	1,732
4		0,003	0,319	1,529
5		0,013	0,166	1,403
6		0,002	0,341	1,553
7		0,108	-0,115	1,172
8		0,062	-0,033	1,304
9		0,187	-0,235	1,201
10		0,109	-0,216	2,154
0 is ref		0,027	0,067	1,127

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
3	1	-2,074 [*]	0,967	12788,542
	2	-0,986 [*]	0,381	13039,105
	4	-0,061	0,308	12991,699
	5	-0,201	0,321	13034,011
	6	-0,038	0,328	13030,080
	7	-0,457	0,340	13041,728
	8	-0,350	0,357	13010,810
	9	-0,502	0,413	12954,171
	10	-0,017	0,616	12873,626
	0 is ref	-0,389	0,287	13041,831
	4	1	-2,012 [*]	0,937	12761,744
2		-0,924 [*]	0,308	13043
3		0,061	0,308	12991,699
5		-0,140	0,218	13005,120
6		0,023	0,221	12967,872
7		-0,396	0,235	13000,807
8		-0,289	0,266	12948,550
9		-0,441	0,339	12880,119
10		0,045	0,568	12822,843
0 is ref		-0,327 [*]	0,160	12961,220
5		1	-1,873 [*]	0,936	12766,606
	2	-0,785 [*]	0,316	13043
	3	0,201	0,321	13034,011
	4	0,140	0,218	13005,120
	6	0,163	0,218	13006,050
	7	-0,256	0,245	13043
	8	-0,149	0,271	12999,340
	9	-0,301	0,344	12929,311
	10	0,184	0,570	12845,201
	0 is ref	-0,188	0,170	13043
	6	1	-2,035 [*]	0,928	12754,665
2		-0,947 [*]	0,309	13043
3		0,038	0,328	13030,080
4		-0,023	0,221	12967,872
5		-0,163	0,218	13006,050
7		-0,419	0,241	13025,204
8		-0,312	0,261	12944,278
9		-0,464	0,331	12874,943
10		0,021	0,563	12822,807
0 is ref		-0,350 [*]	0,165	13010,224

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
3	1	0,032	-3,969	-0,178
	2	0,010	-1,732	-0,239
	4	0,842	-0,665	0,542
	5	0,531	-0,830	0,428
	6	0,907	-0,681	0,604
	7	0,179	-1,124	0,210
	8	0,327	-1,050	0,350
	9	0,224	-1,312	0,307
	10	0,978	-1,224	1,190
	0 is ref	0,176	-0,951	0,174
	4	1	0,032	-3,849	-0,175
2		0,003	-1,529	-0,319
3		0,842	-0,542	0,665
5		0,523	-0,568	0,288
6		0,916	-0,409	0,456
7		0,092	-0,856	0,064
8		0,278	-0,810	0,233
9		0,193	-1,105	0,223
10		0,937	-1,069	1,158
0 is ref		0,041	-0,641	-0,013
5		1	0,046	-3,708	-0,037
	2	0,013	-1,403	-0,166
	3	0,531	-0,428	0,830
	4	0,523	-0,288	0,568
	6	0,455	-0,265	0,590
	7	0,295	-0,736	0,224
	8	0,582	-0,680	0,382
	9	0,381	-0,975	0,373
	10	0,747	-0,934	1,302
	0 is ref	0,269	-0,520	0,145
	6	1	0,028	-3,854	-0,217
2		0,002	-1,553	-0,341
3		0,907	-0,604	0,681
4		0,916	-0,456	0,409
5		0,455	-0,590	0,265
7		0,083	-0,892	0,054
8		0,232	-0,823	0,199
9		0,161	-1,113	0,185
10		0,970	-1,081	1,124
0 is ref		0,033	-0,673	-0,027

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
7	1	-1,616	0,938	12766,964
	2	-0,528	0,328	13043
	3	0,457	0,340	13041,728
	4	0,396	0,235	13000,807
	5	0,256	0,245	13043
	6	0,419	0,241	13025,204
	8	0,107	0,260	12920,869
	9	-0,045	0,335	12887,250
	10	0,440	0,564	12817,809
	0 is ref	0,069	0,193	13043
	8	1	-1,724	0,938	12761,772
2		-0,635	0,341	13022,942
3		0,350	0,357	13010,810
4		0,289	0,266	12948,550
5		0,149	0,271	12999,340
6		0,312	0,261	12944,278
7		-0,107	0,260	12920,869
9		-0,152	0,334	12820,292
10		0,333	0,566	12804,840
0 is ref		-0,038	0,228	12979,212
9		1	-1,571	0,950	12753,516
	2	-0,483	0,366	12921,123
	3	0,502	0,413	12954,171
	4	0,441	0,339	12880,119
	5	0,301	0,344	12929,311
	6	0,464	0,331	12874,943
	7	0,045	0,335	12887,250
	8	0,152	0,334	12820,292
	10	0,486	0,568	12769,432
	0 is ref	0,114	0,305	12869,352
	10	1	-2,057 [*]	1,043	12755,101
2		-0,969	0,604	12870,399
3		0,017	0,616	12873,626
4		-0,045	0,568	12822,843
5		-0,184	0,570	12845,201
6		-0,021	0,563	12822,807
7		-0,440	0,564	12817,809
8		-0,333	0,566	12804,840
9		-0,486	0,568	12769,432
0 is ref		-0,372	0,548	12811,793

Pairwise Comparisons^a

(I) Heidehoogveenstuifzand	(J) Heidehoogveenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
7	1	0,085	-3,454	0,221
	2	0,108	-1,172	0,115
	3	0,179	-0,210	1,124
	4	0,092	-0,064	0,856
	5	0,295	-0,224	0,736
	6	0,083	-0,054	0,892
	8	0,681	-0,403	0,617
	9	0,893	-0,702	0,612
	10	0,435	-0,666	1,546
	0 is ref	0,723	-0,310	0,447
	8	1	0,066	-3,563	0,116
2		0,062	-1,304	0,033
3		0,327	-0,350	1,050
4		0,278	-0,233	0,810
5		0,582	-0,382	0,680
6		0,232	-0,199	0,823
7		0,681	-0,617	0,403
9		0,648	-0,806	0,502
10		0,556	-0,776	1,442
0 is ref		0,866	-0,485	0,408
9		1	0,098	-3,433	0,291
	2	0,187	-1,201	0,235
	3	0,224	-0,307	1,312
	4	0,193	-0,223	1,105
	5	0,381	-0,373	0,975
	6	0,161	-0,185	1,113
	7	0,893	-0,612	0,702
	8	0,648	-0,502	0,806
	10	0,393	-0,628	1,599
	0 is ref	0,709	-0,483	0,711
	10	1	0,049	-4,101	-0,013
2		0,109	-2,154	0,216
3		0,978	-1,190	1,224
4		0,937	-1,158	1,069
5		0,747	-1,302	0,934
6		0,970	-1,124	1,081
7		0,435	-1,546	0,666
8		0,556	-1,442	0,776
9		0,393	-1,599	0,628
0 is ref		0,497	-1,446	0,702

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
0 is ref	1	-1,685	0,922	12747,837
	2	-0,597*	0,270	13043
	3	0,389	0,287	13041,831
	4	0,327*	0,160	12961,220
	5	0,188	0,170	13043
	6	0,350*	0,165	13010,224
	7	-0,069	0,193	13043
	8	0,038	0,228	12979,212
	9	-0,114	0,305	12869,352
	10	0,372	0,548	12811,793

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
0 is ref	1	0,068	-3,492	0,122
	2	0,027	-1,127	-0,067
	3	0,176	-0,174	0,951
	4	0,041	0,013	0,641
	5	0,269	-0,145	0,520
	6	0,033	0,027	0,673
	7	0,723	-0,447	0,310
	8	0,866	-0,408	0,485
	9	0,709	-0,711	0,483
	10	0,497	-0,702	1,446

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: FearDepressionMediumRiskRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
25769803783	0,000	2,054	0,000

The F tests the effect of Heidehoogveenenstuifzand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable:

FearDepressionMediumRiskRIVM.

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Mixed Model Analysis

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Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: FearDepressionMediumRiskRIVM.

Information Criteria^a

-2 Log Likelihood	63140,228
Akaike's Information Criterion (AIC)	63204,228
Hurvich and Tsai's Criterion (AICC)	63204,390
Bozdogan's Criterion (CAIC)	63475,533
Schwarz's Bayesian Criterion (BIC)	63443,533

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
FearDepressionMediumRiskRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,574
	Conditional	0,858

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	6497,897	1895,852	0,000
SmokingRIVM	1	12836,980	32199,990	0,000
ObesityRIVM	1	12892,625	86,788	<0,001
Heidehoogveenstuifzand	10	12955,696	2,054	0,025
Openagrarischngebied	3	13023,081	4,222	0,005
strand	3	12956,879	5,202	0,001
Halfopenengslotenagrarischngebied	2	12905,983	1,829	0,161
Duinen	4	12988,736	1,326	0,257
Bossen	3	13020,119	8,522	<0,001
Moeras	2	13043	5,566	0,004

a. Dependent Variable: FearDepressionMediumRiskRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischedgebied=1]	0,250
	[Openagrarischedgebied=2]	0,250
	[Openagrarischedgebied=3]	0,250
	[Openagrarischedgebied=4]	0,250
	[strand=1]	0,250
	[strand=2]	0,250
	[strand=3]	0,250
	[strand=4]	0,250
	[Halfopenengeslotenagrarischedgebied=1]	0,333
	[Halfopenengeslotenagrarischedgebied=2]	0,333
	[Halfopenengeslotenagrarischedgebied=3]	0,333
	[Duinen=1]	0,200
	[Duinen=2]	0,200
	[Duinen=3]	0,200
	[Duinen=4]	0,200
	[Duinen=5]	0,200
	[Bossen=1]	0,250
	[Bossen=2]	0,250

Intercept

L1

[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

SmokingRIVM

L2

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0

ObesityRIVM

L3

[Openagrarischgebied=4]	0
[strand=1]	0
[strand=2]	0
[strand=3]	0
[strand=4]	0
[Halfopenengeslotenagraris hgebied=1]	0
[Halfopenengeslotenagraris hgebied=2]	0
[Halfopenengeslotenagraris hgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand =1]	1	0	0	0	0
	[Heidehoogveenestuifzand =2]	0	1	0	0	0
	[Heidehoogveenestuifzand =3]	0	0	1	0	0
	[Heidehoogveenestuifzand =4]	0	0	0	1	0
	[Heidehoogveenestuifzand =5]	0	0	0	0	1
	[Heidehoogveenestuifzand =6]	0	0	0	0	0
	[Heidehoogveenestuifzand =7]	0	0	0	0	0
	[Heidehoogveenestuifzand =8]	0	0	0	0	0
	[Heidehoogveenestuifzand =9]	0	0	0	0	0
	[Heidehoogveenestuifzand =10]	0	0	0	0	0
	[Heidehoogveenestuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	0	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	0	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	0	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	0	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	0
	[Heidehoogveenestuifzand=6]	1	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	1	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	1	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	1	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	1
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

	L4	L5	L6	L7	L8
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenestuifzand

	L9	L10	L11	L12	L13
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

	L15	L16	L17
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenestuifzand =1]	0	0	0
[Heidehoogveenestuifzand =2]	0	0	0
[Heidehoogveenestuifzand =3]	0	0	0
[Heidehoogveenestuifzand =4]	0	0	0
[Heidehoogveenestuifzand =5]	0	0	0
[Heidehoogveenestuifzand =6]	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0
[Openagrarischgebied=1]	1	0	0
[Openagrarischgebied=2]	0	1	0
[Openagrarischgebied=3]	0	0	1
[Openagrarischgebied=4]	-1	-1	-1

Open agrarisch gebied

	L15	L16	L17
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengslotenagraris hgebied=1]	0	0	0
[Halfopenengslotenagraris hgebied=2]	0	0	0
[Halfopenengslotenagraris hgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

		L19	L20	L21
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischedgebied=1]	0	0	0
	[Openagrarischedgebied=2]	0	0	0
	[Openagrarischedgebied=3]	0	0	0
	[Openagrarischedgebied=4]	0	0	0
	[strand=1]	1	0	0
	[strand=2]	0	1	0
	[strand=3]	0	0	1
	[strand=4]	-1	-1	-1
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

strand

	L19	L20	L21
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischedgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	1	0
[Halfopenengeslotenagrarischedgebied=2]	0	1

Halfopenengeslotenagrarischgebied

	L23	L24
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L26	L27	L28	L29
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L31	L32	L33
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0

Bossen

	L31	L32	L33
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0

Moeras

	L35	L36
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	22,111192	0,331487	2545,455	66,703	0,000
SmokingRIVM	1,099545	0,006128	12836,980	179,444	0,000
ObesityRIVM	0,049028	0,005263	12892,625	9,316	<0,001
[Heidehoogveenestuifzand=1]	1,685050	0,922028	12747,837	1,828	0,068
[Heidehoogveenestuifzand=2]	0,596975	0,270443	13043	2,207	0,027
[Heidehoogveenestuifzand=3]	-0,388564	0,286864	13041,831	-1,355	0,176
[Heidehoogveenestuifzand=4]	-0,327090	0,160190	12961,220	-2,042	0,041
[Heidehoogveenestuifzand=5]	-0,187538	0,169544	13043	-1,106	0,269
[Heidehoogveenestuifzand=6]	-0,350322	0,164747	13010,224	-2,126	0,033
[Heidehoogveenestuifzand=7]	0,068554	0,193302	13043	0,355	0,723
[Heidehoogveenestuifzand=8]	-0,038482	0,227796	12979,212	-0,169	0,866
[Heidehoogveenestuifzand=9]	0,113809	0,304562	12869,352	0,374	0,709
[Heidehoogveenestuifzand=10]	-0,371780	0,547870	12811,793	-0,679	0,497
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	-0,193294	0,081585	13043	-2,369	0,018

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	21,461180	22,761204
SmokingRIVM	1,087534	1,111556
ObesityRIVM	0,038712	0,059344
[Heidehoogveenenstuifzand =1]	-0,122264	3,492364
[Heidehoogveenenstuifzand =2]	0,066867	1,127083
[Heidehoogveenenstuifzand =3]	-0,950859	0,173732
[Heidehoogveenenstuifzand =4]	-0,641085	-0,013095
[Heidehoogveenenstuifzand =5]	-0,519869	0,144793
[Heidehoogveenenstuifzand =6]	-0,673249	-0,027394
[Heidehoogveenenstuifzand =7]	-0,310345	0,447453
[Heidehoogveenenstuifzand =8]	-0,484995	0,408031
[Heidehoogveenenstuifzand =9]	-0,483177	0,710795
[Heidehoogveenenstuifzand =10]	-1,445687	0,702126
[Heidehoogveenenstuifzand =11]	.	.
[Openagrarischgebied=1]	-0,353212	-0,033376

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Openagrarischgebiet=2]	-0,342252	0,111131	13043	-3,080	0,002
[Openagrarischgebiet=3]	-0,504607	0,169385	13036,805	-2,979	0,003
[Openagrarischgebiet=4]	0 ^b	0	.	.	.
[strand=1]	-1,131631	0,356193	12896,670	-3,177	0,001
[strand=2]	-1,019340	0,389903	12982,433	-2,614	0,009
[strand=3]	-0,323722	0,300723	12979,213	-1,076	0,282
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisc hgebiet=1]	0,113764	0,072958	13036,609	1,559	0,119
[Halfopenengeslotenagrarisc hgebiet=2]	-0,588642	0,592443	12778,224	-0,994	0,320
[Halfopenengeslotenagrarisc hgebiet=3]	0 ^b	0	.	.	.
[Duinen=1]	-0,052978	0,313562	13043	-0,169	0,866
[Duinen=2]	-0,409935	0,263320	13043	-1,557	0,120
[Duinen=3]	-1,020988	0,515055	13043	-1,982	0,047
[Duinen=4]	-0,657763	0,969024	12846,523	-0,679	0,497
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	0,346739	0,076991	13017,857	4,504	<0,001
[Bossen=2]	0,033562	0,110366	13024,087	0,304	0,761
[Bossen=3]	0,030844	0,161341	13033,326	0,191	0,848
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,156879	0,215843	13043	-0,727	0,467
[Moeras=2]	-0,241788	0,072989	13043	-3,313	<0,001
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Openagrarischgebied=2]	-0,560084	-0,124419
[Openagrarischgebied=3]	-0,836626	-0,172588
[Openagrarischgebied=4]	.	.
[strand=1]	-1,829822	-0,433439
[strand=2]	-1,783607	-0,255074
[strand=3]	-0,913184	0,265740
[strand=4]	.	.
[Halfopenengeslotenagrarischgebied=1]	-0,029245	0,256773
[Halfopenengeslotenagrarischgebied=2]	-1,749919	0,572635
[Halfopenengeslotenagrarischgebied=3]	.	.
[Duinen=1]	-0,667606	0,561650
[Duinen=2]	-0,926080	0,106210
[Duinen=3]	-2,030571	-0,011406
[Duinen=4]	-2,557194	1,241668
[Duinen=5]	.	.
[Bossen=1]	0,195825	0,497653
[Bossen=2]	-0,182772	0,249896
[Bossen=3]	-0,285408	0,347096
[Bossen=4]	.	.
[Moeras=1]	-0,579963	0,266204
[Moeras=2]	-0,384856	-0,098719
[Moeras=3]	.	.

a. Dependent Variable: FearDepressionMediumRiskRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual	6,574089	0,082468	79,717	0,000	6,414426
Intercept [subject = MunicipalityRIVM]	Variance 13,207216	1,029359	12,831	<0,001	11,336249

Estimates of Covariance Parameters^a

Parameter	95% ...	
	Upper Bound	
Residual	6,737726	
Intercept [subject = MunicipalityRIVM]	Variance	15,386973

a. Dependent Variable: FearDepressionMediumRiskRIVM.

Estimated Marginal Means

Openagrarischgebied

Contrast Coefficients

Parameter	Openagrarischgebied				
	1	2	3	0 is ref	
Fixed Effects					
Intercept	1	1	1	1	
SmokingRIVM	16,461	16,461	16,461	16,461	
ObesityRIVM	50,499	50,499	50,499	50,499	
[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091	
[Openagrarischgebied=1]	1	0	0	0	
[Openagrarischgebied=2]	0	1	0	0	
[Openagrarischgebied=3]	0	0	1	0	
[Openagrarischgebied=4]	0	0	0	1	
[strand=1]	0,250	0,250	0,250	0,250	
[strand=2]	0,250	0,250	0,250	0,250	
[strand=3]	0,250	0,250	0,250	0,250	
[strand=4]	0,250	0,250	0,250	0,250	

Contrast Coefficients

Parameter	Openagrarischgebied			
	1	2	3	0 is ref
[Halfopenengeslotenagrarischgebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

Openagrarischgebied	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	41,330 ^b	0,405	4325,274	40,536	42,125
2	41,181 ^b	0,410	4486,907	40,377	41,986
3	41,019 ^b	0,418	4732,491	40,199	41,839
0 is ref	41,524 ^b	0,409	4417,018	40,721	42,326

a. Dependent Variable: FearDepressionMediumRiskRIVM.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Openagrarisches Gebiet	(J) Openagrarisches Gebiet	Mean Difference (I-J)	Std. Error	df
1	2	0,149	0,095	13023,460
	3	0,311	0,159	12971,747
	0 is ref	-0,193*	0,082	13043
2	1	-0,149	0,095	13023,460
	3	0,162	0,150	12895,481
	0 is ref	-0,342*	0,111	13043
3	1	-0,311	0,159	12971,747
	2	-0,162	0,150	12895,481
	0 is ref	-0,505*	0,169	13036,805
0 is ref	1	0,193*	0,082	13043
	2	0,342*	0,111	13043
	3	0,505*	0,169	13036,805

Pairwise Comparisons^a

(I) Openagrarisches Gebiet	(J) Openagrarisches Gebiet	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,119	-0,038	0,336
	3	0,050	0,000	0,623
	0 is ref	0,018	-0,353	-0,033
2	1	0,119	-0,336	0,038
	3	0,279	-0,131	0,456
	0 is ref	0,002	-0,560	-0,124
3	1	0,050	-0,623	0,000
	2	0,279	-0,456	0,131
	0 is ref	0,003	-0,837	-0,173
0 is ref	1	0,018	0,033	0,353
	2	0,002	0,124	0,560
	3	0,003	0,173	0,837

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: FearDepressionMediumRiskRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	13011,040	4,222	0,005

The F tests the effect of Openagrarischgebied. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

- a. Dependent Variable:
FearDepressionMediumRiskRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:22:41.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: FearDepressionMediumRiskRIVM.

Information Criteria^a

-2 Log Likelihood	63140,228
Akaike's Information Criterion (AIC)	63204,228
Hurvich and Tsai's Criterion (AICC)	63204,390
Bozdogan's Criterion (CAIC)	63475,533
Schwarz's Bayesian Criterion (BIC)	63443,533

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
FearDepressionMediumRiskRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,574
	Conditional	0,858

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	6497,897	1895,852	0,000
SmokingRIVM	1	12836,980	32199,990	0,000
ObesityRIVM	1	12892,625	86,788	<0,001
Heidehoogveenenstuifzand	10	12955,696	2,054	0,025
Openagrarisched gebied	3	13023,081	4,222	0,005
strand	3	12956,879	5,202	0,001
Halfopenengeslotenagrarisched gebied	2	12905,983	1,829	0,161
Duinen	4	12988,736	1,326	0,257
Bossen	3	13020,119	8,522	<0,001
Moeras	2	13043	5,566	0,004

a. Dependent Variable: FearDepressionMediumRiskRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarisched gebied=1]	0,250
	[Openagrarisched gebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagraris chgebied=1]	0,333
[Halfopenengeslotenagraris chgebied=2]	0,333
[Halfopenengeslotenagraris chgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischgebied=1]	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrari shgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrari schgebied=1]	0	0
[Openagrari schgebied=2]	0	0
[Openagrari schgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	22,111192	0,331487	2545,455	66,703	0,000
SmokingRIVM	1,099545	0,006128	12836,980	179,444	0,000
ObesityRIVM	0,049028	0,005263	12892,625	9,316	<0,001
[Heidehoogveenenstuifzand =1]	1,685050	0,922028	12747,837	1,828	0,068
[Heidehoogveenenstuifzand =2]	0,596975	0,270443	13043	2,207	0,027
[Heidehoogveenenstuifzand =3]	-0,388564	0,286864	13041,831	-1,355	0,176
[Heidehoogveenenstuifzand =4]	-0,327090	0,160190	12961,220	-2,042	0,041
[Heidehoogveenenstuifzand =5]	-0,187538	0,169544	13043	-1,106	0,269
[Heidehoogveenenstuifzand =6]	-0,350322	0,164747	13010,224	-2,126	0,033
[Heidehoogveenenstuifzand =7]	0,068554	0,193302	13043	0,355	0,723
[Heidehoogveenenstuifzand =8]	-0,038482	0,227796	12979,212	-0,169	0,866
[Heidehoogveenenstuifzand =9]	0,113809	0,304562	12869,352	0,374	0,709
[Heidehoogveenenstuifzand =10]	-0,371780	0,547870	12811,793	-0,679	0,497
[Heidehoogveenenstuifzand =11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	-0,193294	0,081585	13043	-2,369	0,018
[Openagrarischgebied=2]	-0,342252	0,111131	13043	-3,080	0,002
[Openagrarischgebied=3]	-0,504607	0,169385	13036,805	-2,979	0,003
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	-1,131631	0,356193	12896,670	-3,177	0,001
[strand=2]	-1,019340	0,389903	12982,433	-2,614	0,009
[strand=3]	-0,323722	0,300723	12979,213	-1,076	0,282
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisch gebied=1]	0,113764	0,072958	13036,609	1,559	0,119
[Halfopenengeslotenagrarisch gebied=2]	-0,588642	0,592443	12778,224	-0,994	0,320
[Halfopenengeslotenagrarisch gebied=3]	0 ^b	0	.	.	.
[Duinen=1]	-0,052978	0,313562	13043	-0,169	0,866
[Duinen=2]	-0,409935	0,263320	13043	-1,557	0,120
[Duinen=3]	-1,020988	0,515055	13043	-1,982	0,047
[Duinen=4]	-0,657763	0,969024	12846,523	-0,679	0,497
[Duinen=5]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	21,461180	22,761204
SmokingRIVM	1,087534	1,111556
ObesityRIVM	0,038712	0,059344
[Heidehoogveenestuifzand=1]	-0,122264	3,492364
[Heidehoogveenestuifzand=2]	0,066867	1,127083
[Heidehoogveenestuifzand=3]	-0,950859	0,173732
[Heidehoogveenestuifzand=4]	-0,641085	-0,013095
[Heidehoogveenestuifzand=5]	-0,519869	0,144793
[Heidehoogveenestuifzand=6]	-0,673249	-0,027394
[Heidehoogveenestuifzand=7]	-0,310345	0,447453
[Heidehoogveenestuifzand=8]	-0,484995	0,408031
[Heidehoogveenestuifzand=9]	-0,483177	0,710795
[Heidehoogveenestuifzand=10]	-1,445687	0,702126
[Heidehoogveenestuifzand=11]	.	.
[Openagrarisched=1]	-0,353212	-0,033376
[Openagrarisched=2]	-0,560084	-0,124419
[Openagrarisched=3]	-0,836626	-0,172588
[Openagrarisched=4]	.	.
[strand=1]	-1,829822	-0,433439
[strand=2]	-1,783607	-0,255074
[strand=3]	-0,913184	0,265740
[strand=4]	.	.
[Halfopenengeslotenagrarisched=1]	-0,029245	0,256773
[Halfopenengeslotenagrarisched=2]	-1,749919	0,572635
[Halfopenengeslotenagrarisched=3]	.	.
[Duinen=1]	-0,667606	0,561650
[Duinen=2]	-0,926080	0,106210
[Duinen=3]	-2,030571	-0,011406
[Duinen=4]	-2,557194	1,241668
[Duinen=5]	.	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Bossen=1]	0,346739	0,076991	13017,857	4,504	<0,001
[Bossen=2]	0,033562	0,110366	13024,087	0,304	0,761
[Bossen=3]	0,030844	0,161341	13033,326	0,191	0,848
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,156879	0,215843	13043	-0,727	0,467
[Moeras=2]	-0,241788	0,072989	13043	-3,313	<0,001
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Bossen=1]	0,195825	0,497653
[Bossen=2]	-0,182772	0,249896
[Bossen=3]	-0,285408	0,347096
[Bossen=4]	.	.
[Moeras=1]	-0,579963	0,266204
[Moeras=2]	-0,384856	-0,098719
[Moeras=3]	.	.

a. Dependent Variable: FearDepressionMediumRiskRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		6,574089	0,082468	79,717	0,000	6,414426
Intercept [subject = MunicipalityRIVM]	Variance	13,207216	1,029359	12,831	<0,001	11,336249

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		6,737726
Intercept [subject = MunicipalityRIVM]	Variance	15,386973

a. Dependent Variable: FearDepressionMediumRiskRIVM.

Estimated Marginal Means

strand

Contrast Coefficients

Parameter	strand			
	1	2	3	0 is ref
Fixed Effects Intercept	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499
[Heidehoogveenenstuifzand=1]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=2]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=3]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=4]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=5]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=6]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=7]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=8]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=9]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=10]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=11]	0,091	0,091	0,091	0,091
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250
[strand=1]	1	0	0	0
[strand=2]	0	1	0	0
[strand=3]	0	0	1	0
[strand=4]	0	0	0	1
[Halfopenengeslotenagrarischgebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	strand			
	1	2	3	0 is ref
[Bossen=2]	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

strand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	40,751 ^b	0,529	8204,680	39,713	41,789
2	40,863 ^b	0,505	7040,797	39,873	41,853
3	41,559 ^b	0,451	5846,656	40,674	42,443
0 is ref	41,882 ^b	0,409	4427,277	41,081	42,684

a. Dependent Variable: FearDepressionMediumRiskRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) strand	(J) strand	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ...
						Lower Bound
1	2	-0,112	0,499	12946,038	0,822	-1,091
	3	-0,808	0,448	12932,742	0,072	-1,687
	0 is ref	-1,132 [*]	0,356	12896,670	0,001	-1,830
2	1	0,112	0,499	12946,038	0,822	-0,867
	3	-0,696	0,456	13019,795	0,127	-1,589
	0 is ref	-1,019 [*]	0,390	12982,433	0,009	-1,784
3	1	0,808	0,448	12932,742	0,072	-0,071
	2	0,696	0,456	13019,795	0,127	-0,197
	0 is ref	-0,324	0,301	12979,213	0,282	-0,913
0 is ref	1	1,132 [*]	0,356	12896,670	0,001	0,433
	2	1,019 [*]	0,390	12982,433	0,009	0,255
	3	0,324	0,301	12979,213	0,282	-0,266

Pairwise Comparisons^a

(I) strand	(J) strand	95% Confidence Interval for C..
		Upper Bound
1	2	0,867
	3	0,071
	0 is ref	-0,433
2	1	1,091
	3	0,197
	0 is ref	-0,255
3	1	1,687
	2	1,589
	0 is ref	0,266
0 is ref	1	1,830
	2	1,784
	3	0,913

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: FearDepressionMediumRiskRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	12954,635	5,202	0,001

The F tests the effect of strand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable:

FearDepressionMediumRiskRIVM.

>Error # 90. Command name: MIXED

>Unexpected exception occurred.

>Execution of this command stops.

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.

The time now is 12:22:42.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: FearDepressionMediumRiskRIVM.

Information Criteria^a

-2 Log Likelihood	63140,228
Akaike's Information Criterion (AIC)	63204,228
Hurvich and Tsai's Criterion (AICC)	63204,390
Bozdogan's Criterion (CAIC)	63475,533
Schwarz's Bayesian Criterion (BIC)	63443,533

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
FearDepressionMediumRiskRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,574
	Conditional	0,858

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	6497,897	1895,852	0,000
SmokingRIVM	1	12836,980	32199,990	0,000
ObesityRIVM	1	12892,625	86,788	<0,001
Heidehoogveenstuifzand	10	12955,696	2,054	0,025
Openagrarischn gebied	3	13023,081	4,222	0,005
strand	3	12956,879	5,202	0,001
Halfopenengslotenagrarischn gebied	2	12905,983	1,829	0,161
Duinen	4	12988,736	1,326	0,257
Bossen	3	13020,119	8,522	<0,001
Moeras	2	13043	5,566	0,004

a. Dependent Variable: FearDepressionMediumRiskRIVM.

Type III Estimable Functions

Intercept

L1

Fixed Effects		L1
Intercept		1
SmokingRIVM		0
ObesityRIVM		0
[Heidehoogveenenstuifzand =1]		0,091
[Heidehoogveenenstuifzand =2]		0,091
[Heidehoogveenenstuifzand =3]		0,091
[Heidehoogveenenstuifzand =4]		0,091
[Heidehoogveenenstuifzand =5]		0,091
[Heidehoogveenenstuifzand =6]		0,091
[Heidehoogveenenstuifzand =7]		0,091
[Heidehoogveenenstuifzand =8]		0,091
[Heidehoogveenenstuifzand =9]		0,091
[Heidehoogveenenstuifzand =10]		0,091
[Heidehoogveenenstuifzand =11]		0,091
[Openagrarischedgebied=1]		0,250
[Openagrarischedgebied=2]		0,250
[Openagrarischedgebied=3]		0,250
[Openagrarischedgebied=4]		0,250
[strand=1]		0,250
[strand=2]		0,250
[strand=3]		0,250
[strand=4]		0,250
[Halfopenengeslotenagrarischedgebied=1]		0,333
[Halfopenengeslotenagrarischedgebied=2]		0,333
[Halfopenengeslotenagrarischedgebied=3]		0,333
[Duinen=1]		0,200
[Duinen=2]		0,200
[Duinen=3]		0,200
[Duinen=4]		0,200
[Duinen=5]		0,200
[Bossen=1]		0,250
[Bossen=2]		0,250

Intercept

L1

[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand =1]	0
	[Heidehoogveenestuifzand =2]	0
	[Heidehoogveenestuifzand =3]	0
	[Heidehoogveenestuifzand =4]	0
	[Heidehoogveenestuifzand =5]	0
	[Heidehoogveenestuifzand =6]	0
	[Heidehoogveenestuifzand =7]	0
	[Heidehoogveenestuifzand =8]	0
	[Heidehoogveenestuifzand =9]	0
	[Heidehoogveenestuifzand =10]	0
	[Heidehoogveenestuifzand =11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0

SmokingRIVM

L2

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0

ObesityRIVM

L3

[Openagrarischgebied=4]	0
[strand=1]	0
[strand=2]	0
[strand=3]	0
[strand=4]	0
[Halfopenengeslotenagrarisc hgebied=1]	0
[Halfopenengeslotenagrarisc hgebied=2]	0
[Halfopenengeslotenagrarisc hgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenstuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand =1]	1	0	0	0	0
	[Heidehoogveenstuifzand =2]	0	1	0	0	0
	[Heidehoogveenstuifzand =3]	0	0	1	0	0
	[Heidehoogveenstuifzand =4]	0	0	0	1	0
	[Heidehoogveenstuifzand =5]	0	0	0	0	1
	[Heidehoogveenstuifzand =6]	0	0	0	0	0
	[Heidehoogveenstuifzand =7]	0	0	0	0	0
	[Heidehoogveenstuifzand =8]	0	0	0	0	0
	[Heidehoogveenstuifzand =9]	0	0	0	0	0
	[Heidehoogveenstuifzand =10]	0	0	0	0	0
	[Heidehoogveenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagraris hgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagraris hgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagraris hgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

	L4	L5	L6	L7	L8
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenestuifzand

	L9	L10	L11	L12	L13
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

	L15	L16	L17
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenestuifzand =1]	0	0	0
[Heidehoogveenestuifzand =2]	0	0	0
[Heidehoogveenestuifzand =3]	0	0	0
[Heidehoogveenestuifzand =4]	0	0	0
[Heidehoogveenestuifzand =5]	0	0	0
[Heidehoogveenestuifzand =6]	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0
[Openagrarischgebied=1]	1	0	0
[Openagrarischgebied=2]	0	1	0
[Openagrarischgebied=3]	0	0	1
[Openagrarischgebied=4]	-1	-1	-1

Open agrarisch gebied

	L15	L16	L17
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengslotenagraris hgebied=1]	0	0	0
[Halfopenengslotenagraris hgebied=2]	0	0	0
[Halfopenengslotenagraris hgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

		L19	L20	L21
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	1	0	0
	[strand=2]	0	1	0
	[strand=3]	0	0	1
	[strand=4]	-1	-1	-1
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

strand

	L19	L20	L21
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischedgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	1	0
[Halfopenengeslotenagrarischedgebied=2]	0	1

Halfopenengeslotenagrarischgebied

	L23	L24
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L26	L27	L28	L29
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L31	L32	L33
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0

Bossen

	L31	L32	L33
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

		L35	L36
Fixed Effects	Intercept	0	0
	SmokingRIVM	0	0
	ObesityRIVM	0	0
	[Heidehoogveenenstuifzand=1]	0	0
	[Heidehoogveenenstuifzand=2]	0	0
	[Heidehoogveenenstuifzand=3]	0	0
	[Heidehoogveenenstuifzand=4]	0	0
	[Heidehoogveenenstuifzand=5]	0	0
	[Heidehoogveenenstuifzand=6]	0	0
	[Heidehoogveenenstuifzand=7]	0	0
	[Heidehoogveenenstuifzand=8]	0	0
	[Heidehoogveenenstuifzand=9]	0	0
	[Heidehoogveenenstuifzand=10]	0	0
	[Heidehoogveenenstuifzand=11]	0	0
	[Openagrarischedgebied=1]	0	0
	[Openagrarischedgebied=2]	0	0
	[Openagrarischedgebied=3]	0	0
	[Openagrarischedgebied=4]	0	0
	[strand=1]	0	0
	[strand=2]	0	0
	[strand=3]	0	0
	[strand=4]	0	0
	[Halfopenengeslotenagrarischedgebied=1]	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0

Moeras

	L35	L36
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	22,111192	0,331487	2545,455	66,703	0,000
SmokingRIVM	1,099545	0,006128	12836,980	179,444	0,000
ObesityRIVM	0,049028	0,005263	12892,625	9,316	<0,001
[Heidehoogveenestuifzand=1]	1,685050	0,922028	12747,837	1,828	0,068
[Heidehoogveenestuifzand=2]	0,596975	0,270443	13043	2,207	0,027
[Heidehoogveenestuifzand=3]	-0,388564	0,286864	13041,831	-1,355	0,176
[Heidehoogveenestuifzand=4]	-0,327090	0,160190	12961,220	-2,042	0,041
[Heidehoogveenestuifzand=5]	-0,187538	0,169544	13043	-1,106	0,269
[Heidehoogveenestuifzand=6]	-0,350322	0,164747	13010,224	-2,126	0,033
[Heidehoogveenestuifzand=7]	0,068554	0,193302	13043	0,355	0,723
[Heidehoogveenestuifzand=8]	-0,038482	0,227796	12979,212	-0,169	0,866
[Heidehoogveenestuifzand=9]	0,113809	0,304562	12869,352	0,374	0,709
[Heidehoogveenestuifzand=10]	-0,371780	0,547870	12811,793	-0,679	0,497
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	-0,193294	0,081585	13043	-2,369	0,018

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	21,461180	22,761204
SmokingRIVM	1,087534	1,111556
ObesityRIVM	0,038712	0,059344
[Heidehoogveenenstuifzand =1]	-0,122264	3,492364
[Heidehoogveenenstuifzand =2]	0,066867	1,127083
[Heidehoogveenenstuifzand =3]	-0,950859	0,173732
[Heidehoogveenenstuifzand =4]	-0,641085	-0,013095
[Heidehoogveenenstuifzand =5]	-0,519869	0,144793
[Heidehoogveenenstuifzand =6]	-0,673249	-0,027394
[Heidehoogveenenstuifzand =7]	-0,310345	0,447453
[Heidehoogveenenstuifzand =8]	-0,484995	0,408031
[Heidehoogveenenstuifzand =9]	-0,483177	0,710795
[Heidehoogveenenstuifzand =10]	-1,445687	0,702126
[Heidehoogveenenstuifzand =11]	.	.
[Openagrarischgebied=1]	-0,353212	-0,033376

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Openagrarischgebiet=2]	-0,342252	0,111131	13043	-3,080	0,002
[Openagrarischgebiet=3]	-0,504607	0,169385	13036,805	-2,979	0,003
[Openagrarischgebiet=4]	0 ^b	0	.	.	.
[strand=1]	-1,131631	0,356193	12896,670	-3,177	0,001
[strand=2]	-1,019340	0,389903	12982,433	-2,614	0,009
[strand=3]	-0,323722	0,300723	12979,213	-1,076	0,282
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisc hgebiet=1]	0,113764	0,072958	13036,609	1,559	0,119
[Halfopenengeslotenagrarisc hgebiet=2]	-0,588642	0,592443	12778,224	-0,994	0,320
[Halfopenengeslotenagrarisc hgebiet=3]	0 ^b	0	.	.	.
[Duinen=1]	-0,052978	0,313562	13043	-0,169	0,866
[Duinen=2]	-0,409935	0,263320	13043	-1,557	0,120
[Duinen=3]	-1,020988	0,515055	13043	-1,982	0,047
[Duinen=4]	-0,657763	0,969024	12846,523	-0,679	0,497
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	0,346739	0,076991	13017,857	4,504	<0,001
[Bossen=2]	0,033562	0,110366	13024,087	0,304	0,761
[Bossen=3]	0,030844	0,161341	13033,326	0,191	0,848
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,156879	0,215843	13043	-0,727	0,467
[Moeras=2]	-0,241788	0,072989	13043	-3,313	<0,001
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Openagrarischgebied=2]	-0,560084	-0,124419
[Openagrarischgebied=3]	-0,836626	-0,172588
[Openagrarischgebied=4]	.	.
[strand=1]	-1,829822	-0,433439
[strand=2]	-1,783607	-0,255074
[strand=3]	-0,913184	0,265740
[strand=4]	.	.
[Halfopenengeslotenagrarischgebied=1]	-0,029245	0,256773
[Halfopenengeslotenagrarischgebied=2]	-1,749919	0,572635
[Halfopenengeslotenagrarischgebied=3]	.	.
[Duinen=1]	-0,667606	0,561650
[Duinen=2]	-0,926080	0,106210
[Duinen=3]	-2,030571	-0,011406
[Duinen=4]	-2,557194	1,241668
[Duinen=5]	.	.
[Bossen=1]	0,195825	0,497653
[Bossen=2]	-0,182772	0,249896
[Bossen=3]	-0,285408	0,347096
[Bossen=4]	.	.
[Moeras=1]	-0,579963	0,266204
[Moeras=2]	-0,384856	-0,098719
[Moeras=3]	.	.

a. Dependent Variable: FearDepressionMediumRiskRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ...
						Lower Bound
Residual		6,574089	0,082468	79,717	0,000	6,414426
Intercept [subject = MunicipalityRIVM]	Variance	13,207216	1,029359	12,831	<0,001	11,336249

Estimates of Covariance Parameters^a

		95% ...
Parameter		Upper Bound
Residual		6,737726
Intercept [subject = MunicipalityRIVM]	Variance	15,386973

a. Dependent Variable: FearDepressionMediumRiskRIVM.

Estimated Marginal Means

Bossen

Contrast Coefficients

Parameter		Bossen			
		1	2	3	0 is ref
Fixed Effects	Intercept	1	1	1	1
	SmokingRIVM	16,461	16,461	16,461	16,461
	ObesityRIVM	50,499	50,499	50,499	50,499
	[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091
	[Openagrarischgebied=1]	0,250	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250	
[strand=4]	0,250	0,250	0,250	0,250	

Contrast Coefficients

Parameter	Bossen			
	1	2	3	0 is ref
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	1	0	0	0
[Bossen=2]	0	1	0	0
[Bossen=3]	0	0	1	0
[Bossen=4]	0	0	0	1
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

Bossen	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	41,508 ^b	0,409	4435,112	40,705	42,310
2	41,194 ^b	0,405	4301,795	40,401	41,988
3	41,192 ^b	0,416	4645,889	40,377	42,006
0 is ref	41,161 ^b	0,414	4559,848	40,350	41,972

a. Dependent Variable: FearDepressionMediumRiskRIVM.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Bossen	(J) Bossen	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ^c ... Lower Bound
1	2	0,313*	0,100	13024,753	0,002	0,117
	3	0,316*	0,153	13030,842	0,039	0,015
	0 is ref	0,347*	0,077	13017,857	<0,001	0,196
2	1	-0,313*	0,100	13024,753	0,002	-0,509
	3	0,003	0,158	13003,387	0,986	-0,308
	0 is ref	0,034	0,110	13024,087	0,761	-0,183
3	1	-0,316*	0,153	13030,842	0,039	-0,616
	2	-0,003	0,158	13003,387	0,986	-0,313
	0 is ref	0,031	0,161	13033,326	0,848	-0,285
0 is ref	1	-0,347*	0,077	13017,857	<0,001	-0,498
	2	-0,034	0,110	13024,087	0,761	-0,250
	3	-0,031	0,161	13033,326	0,848	-0,347

Pairwise Comparisons^a

(I) Bossen	(J) Bossen	95% Confidence Interval for ^c ... Upper Bound
1	2	0,509
	3	0,616
	0 is ref	0,498
2	1	-0,117
	3	0,313
	0 is ref	0,250
3	1	-0,015
	2	0,308
	0 is ref	0,347
0 is ref	1	-0,196
	2	0,183
	3	0,285

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: FearDepressionMediumRiskRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	13020,688	8,522	<0,001

The F tests the effect of Bossen. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

- a. Dependent Variable:
FearDepressionMediumRiskRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:22:43.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischedgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischedgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: FearDepressionMediumRiskRIVM.

Information Criteria^a

-2 Log Likelihood	63140,228
Akaike's Information Criterion (AIC)	63204,228
Hurvich and Tsai's Criterion (AICC)	63204,390
Bozdogan's Criterion (CAIC)	63475,533
Schwarz's Bayesian Criterion (BIC)	63443,533

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
FearDepressionMediumRiskRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,574
	Conditional	0,858

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	6497,897	1895,852	0,000
SmokingRIVM	1	12836,980	32199,990	0,000
ObesityRIVM	1	12892,625	86,788	<0,001
Heidehoogveenenstuifzand	10	12955,696	2,054	0,025
Openagrarisched gebied	3	13023,081	4,222	0,005
strand	3	12956,879	5,202	0,001
Halfopenengeslotenagrarisched gebied	2	12905,983	1,829	0,161
Duinen	4	12988,736	1,326	0,257
Bossen	3	13020,119	8,522	<0,001
Moeras	2	13043	5,566	0,004

a. Dependent Variable: FearDepressionMediumRiskRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarisched gebied=1]	0,250
	[Openagrarisched gebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0
	[Heidehoogveenenstuifzand =2]	0
	[Heidehoogveenenstuifzand =3]	0
	[Heidehoogveenenstuifzand =4]	0
	[Heidehoogveenenstuifzand =5]	0
	[Heidehoogveenenstuifzand =6]	0
	[Heidehoogveenenstuifzand =7]	0
	[Heidehoogveenenstuifzand =8]	0
	[Heidehoogveenenstuifzand =9]	0
	[Heidehoogveenenstuifzand =10]	0
	[Heidehoogveenenstuifzand =11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenestuifzand =1]	0	0	0
[Heidehoogveenestuifzand =2]	0	0	0
[Heidehoogveenestuifzand =3]	0	0	0
[Heidehoogveenestuifzand =4]	0	0	0
[Heidehoogveenestuifzand =5]	0	0	0
[Heidehoogveenestuifzand =6]	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischgebied=1]	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrari shgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrari schgebied=1]	0	0
[Openagrari schgebied=2]	0	0
[Openagrari schgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	22,111192	0,331487	2545,455	66,703	0,000
SmokingRIVM	1,099545	0,006128	12836,980	179,444	0,000
ObesityRIVM	0,049028	0,005263	12892,625	9,316	<0,001
[Heidehoogveenenstuifzand =1]	1,685050	0,922028	12747,837	1,828	0,068
[Heidehoogveenenstuifzand =2]	0,596975	0,270443	13043	2,207	0,027
[Heidehoogveenenstuifzand =3]	-0,388564	0,286864	13041,831	-1,355	0,176
[Heidehoogveenenstuifzand =4]	-0,327090	0,160190	12961,220	-2,042	0,041
[Heidehoogveenenstuifzand =5]	-0,187538	0,169544	13043	-1,106	0,269
[Heidehoogveenenstuifzand =6]	-0,350322	0,164747	13010,224	-2,126	0,033
[Heidehoogveenenstuifzand =7]	0,068554	0,193302	13043	0,355	0,723
[Heidehoogveenenstuifzand =8]	-0,038482	0,227796	12979,212	-0,169	0,866
[Heidehoogveenenstuifzand =9]	0,113809	0,304562	12869,352	0,374	0,709
[Heidehoogveenenstuifzand =10]	-0,371780	0,547870	12811,793	-0,679	0,497
[Heidehoogveenenstuifzand =11]	0 ^b	0	.	.	.
[Openagrarisched gebied=1]	-0,193294	0,081585	13043	-2,369	0,018
[Openagrarisched gebied=2]	-0,342252	0,111131	13043	-3,080	0,002
[Openagrarisched gebied=3]	-0,504607	0,169385	13036,805	-2,979	0,003
[Openagrarisched gebied=4]	0 ^b	0	.	.	.
[strand=1]	-1,131631	0,356193	12896,670	-3,177	0,001
[strand=2]	-1,019340	0,389903	12982,433	-2,614	0,009
[strand=3]	-0,323722	0,300723	12979,213	-1,076	0,282
[strand=4]	0 ^b	0	.	.	.
[Halfopenengesloten agrarisch gebied=1]	0,113764	0,072958	13036,609	1,559	0,119
[Halfopenengesloten agrarisch gebied=2]	-0,588642	0,592443	12778,224	-0,994	0,320
[Halfopenengesloten agrarisch gebied=3]	0 ^b	0	.	.	.
[Duinen=1]	-0,052978	0,313562	13043	-0,169	0,866
[Duinen=2]	-0,409935	0,263320	13043	-1,557	0,120
[Duinen=3]	-1,020988	0,515055	13043	-1,982	0,047
[Duinen=4]	-0,657763	0,969024	12846,523	-0,679	0,497
[Duinen=5]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	21,461180	22,761204
SmokingRIVM	1,087534	1,111556
ObesityRIVM	0,038712	0,059344
[Heidehoogveenenstuifzand =1]	-0,122264	3,492364
[Heidehoogveenenstuifzand =2]	0,066867	1,127083
[Heidehoogveenenstuifzand =3]	-0,950859	0,173732
[Heidehoogveenenstuifzand =4]	-0,641085	-0,013095
[Heidehoogveenenstuifzand =5]	-0,519869	0,144793
[Heidehoogveenenstuifzand =6]	-0,673249	-0,027394
[Heidehoogveenenstuifzand =7]	-0,310345	0,447453
[Heidehoogveenenstuifzand =8]	-0,484995	0,408031
[Heidehoogveenenstuifzand =9]	-0,483177	0,710795
[Heidehoogveenenstuifzand =10]	-1,445687	0,702126
[Heidehoogveenenstuifzand =11]	.	.
[Openagrarischedgebied=1]	-0,353212	-0,033376
[Openagrarischedgebied=2]	-0,560084	-0,124419
[Openagrarischedgebied=3]	-0,836626	-0,172588
[Openagrarischedgebied=4]	.	.
[strand=1]	-1,829822	-0,433439
[strand=2]	-1,783607	-0,255074
[strand=3]	-0,913184	0,265740
[strand=4]	.	.
[Halfopenengeslotenagrarischedgebied=1]	-0,029245	0,256773
[Halfopenengeslotenagrarischedgebied=2]	-1,749919	0,572635
[Halfopenengeslotenagrarischedgebied=3]	.	.
[Duinen=1]	-0,667606	0,561650
[Duinen=2]	-0,926080	0,106210
[Duinen=3]	-2,030571	-0,011406
[Duinen=4]	-2,557194	1,241668
[Duinen=5]	.	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Bossen=1]	0,346739	0,076991	13017,857	4,504	<0,001
[Bossen=2]	0,033562	0,110366	13024,087	0,304	0,761
[Bossen=3]	0,030844	0,161341	13033,326	0,191	0,848
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,156879	0,215843	13043	-0,727	0,467
[Moeras=2]	-0,241788	0,072989	13043	-3,313	<0,001
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Bossen=1]	0,195825	0,497653
[Bossen=2]	-0,182772	0,249896
[Bossen=3]	-0,285408	0,347096
[Bossen=4]	.	.
[Moeras=1]	-0,579963	0,266204
[Moeras=2]	-0,384856	-0,098719
[Moeras=3]	.	.

a. Dependent Variable: FearDepressionMediumRiskRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		6,574089	0,082468	79,717	0,000	6,414426
Intercept [subject = MunicipalityRIVM]	Variance	13,207216	1,029359	12,831	<0,001	11,336249

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		6,737726
Intercept [subject = MunicipalityRIVM]	Variance	15,386973

a. Dependent Variable: FearDepressionMediumRiskRIVM.

Estimated Marginal Means

Moeras

Contrast Coefficients

Parameter	Moeras		
	1	2	0 is ref
Fixed Effects Intercept	1	1	1
SmokingRIVM	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499
[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091
[Openagrarischgebied=1]	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250
[Halfopenengeslotenagraris chgebied=1]	0,333	0,333	0,333
[Halfopenengeslotenagraris chgebied=2]	0,333	0,333	0,333
[Halfopenengeslotenagraris chgebied=3]	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250

Contrast Coefficients

Parameter	Moeras		
	1	2	0 is ref
[Bossen=2]	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250
[Moeras=1]	1	0	0
[Moeras=2]	0	1	0
[Moeras=3]	0	0	1

Estimates^a

Moeras	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	41,240 ^b	0,444	5493,968	40,369	42,111
2	41,155 ^b	0,403	4253,191	40,364	41,945
0 is ref	41,397 ^b	0,400	4178,874	40,611	42,182

a. Dependent Variable: FearDepressionMediumRiskRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Moeras	(J) Moeras	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ^c ..
						Lower Bound
1	2	0,085	0,221	13043	0,701	-0,348
	0 is ref	-0,157	0,216	13043	0,467	-0,580
2	1	-0,085	0,221	13043	0,701	-0,518
	0 is ref	-0,242 [*]	0,073	13043	<0,001	-0,385
0 is ref	1	0,157	0,216	13043	0,467	-0,266
	2	0,242 [*]	0,073	13043	<0,001	0,099

Pairwise Comparisons^a

(I) Moeras	(J) Moeras	95% Confidence Interval for ^c ..
		Upper Bound
1	2	0,518
	0 is ref	0,266
2	1	0,348
	0 is ref	-0,099
0 is ref	1	0,580
	2	0,385

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: FearDepressionMediumRiskRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
2	13043	5,566	0,004

The F tests the effect of Moeras. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable:

FearDepressionMediumRiskRIVM.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: FearDepressionHighRiskRIVM.

Information Criteria^a

-2 Log Likelihood	38703,908
Akaike's Information Criterion (AIC)	38767,908
Hurvich and Tsai's Criterion (AICC)	38768,070
Bozdogan's Criterion (CAIC)	39039,214
Schwarz's Bayesian Criterion (BIC)	39007,214

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
FearDepressionHighRiskRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,696
	Conditional	0,839

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9345,187	1187,260	<0,001
SmokingRIVM	1	12936,264	31672,770	0,000
ObesityRIVM	1	13023,874	1328,116	<0,001
Heidehoogveenenstuifzand	10	13004,215	2,382	0,008
Openagrarischgebied	3	12961,774	2,459	0,061
strand	3	13043	9,094	<0,001
Halfopenengeslotenagrarischgebied	2	12923,293	1,323	0,266
Duinen	4	12306,541	2,172	0,069
Bossen	3	13024,133	4,958	0,002
Moeras	2	12952,551	1,374	0,253

a. Dependent Variable: FearDepressionHighRiskRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0
	[Openagrarischgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischgebied=1]	0
	[Halfopenengeslotenagrarischgebied=2]	0
	[Halfopenengeslotenagrarischgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	1	0
[Halfopenengeslotenagrarisc hgebied=2]	0	1
[Halfopenengeslotenagrarisc hgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischgebied=1]	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrari shgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrari schgebied=1]	0	0
[Openagrari schgebied=2]	0	0
[Openagrari schgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-5,506835	0,117988	5498,008	-46,673	0,000	-5,738138
SmokingRIVM	0,431544	0,002425	12936,264	177,968	0,000	0,426791
ObesityRIVM	0,075767	0,002079	13023,874	36,443	<0,001	0,071692
[Heidehoogveenestuifzand=1]	-1,069765	0,365662	12783,600	-2,926	0,003	-1,786518
[Heidehoogveenestuifzand=2]	0,039529	0,105859	12785,891	0,373	0,709	-0,167971
[Heidehoogveenestuifzand=3]	-0,022663	0,112600	12985,012	-0,201	0,840	-0,243375
[Heidehoogveenestuifzand=4]	-0,121659	0,063129	13043	-1,927	0,054	-0,245402
[Heidehoogveenestuifzand=5]	-0,112504	0,066425	12876,360	-1,694	0,090	-0,242707
[Heidehoogveenestuifzand=6]	-0,149999	0,064791	13043	-2,315	0,021	-0,276999
[Heidehoogveenestuifzand=7]	0,001518	0,075809	12934,180	0,020	0,984	-0,147078
[Heidehoogveenestuifzand=8]	-0,069364	0,089708	13043	-0,773	0,439	-0,245205
[Heidehoogveenestuifzand=9]	0,168582	0,120396	12997,355	1,400	0,161	-0,067413
[Heidehoogveenestuifzand=10]	0,288787	0,216923	12910,147	1,331	0,183	-0,136413
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.	.
[Openagrarischedgebied=1]	-0,077750	0,031916	12755,077	-2,436	0,015	-0,140310
[Openagrarischedgebied=2]	-0,099044	0,043389	12564,316	-2,283	0,022	-0,184092
[Openagrarischedgebied=3]	-0,064877	0,066506	12995,153	-0,976	0,329	-0,195238
[Openagrarischedgebied=4]	0 ^b	0	.	.	.	.
[strand=1]	-0,663789	0,140689	13030,767	-4,718	<0,001	-0,939561
[strand=2]	-0,360773	0,153624	13043	-2,348	0,019	-0,661898
[strand=3]	-0,220143	0,118436	13043	-1,859	0,063	-0,452295
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengeslotenagrarischedgebied=1]	0,046031	0,028648	13000,236	1,607	0,108	-0,010123
[Halfopenengeslotenagrarischedgebied=2]	-0,032664	0,234777	12846,255	-0,139	0,889	-0,492862
[Halfopenengeslotenagrarischedgebied=3]	0 ^b	0	.	.	.	.
[Duinen=1]	-0,244411	0,122958	12926,216	-1,988	0,047	-0,485427
[Duinen=2]	-0,230315	0,102521	12199,834	-2,247	0,025	-0,431272
[Duinen=3]	-0,316574	0,201073	12725,600	-1,574	0,115	-0,710707
[Duinen=4]	-0,097044	0,374374	11121,076	-0,259	0,795	-0,830884
[Duinen=5]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
Intercept	-5,275532
SmokingRIVM	0,436297
ObesityRIVM	0,079842
[Heidehoogveenenstuifzand=1]	-0,353012
[Heidehoogveenenstuifzand=2]	0,247029
[Heidehoogveenenstuifzand=3]	0,198049
[Heidehoogveenenstuifzand=4]	0,002084
[Heidehoogveenenstuifzand=5]	0,017700
[Heidehoogveenenstuifzand=6]	-0,022998
[Heidehoogveenenstuifzand=7]	0,150114
[Heidehoogveenenstuifzand=8]	0,106478
[Heidehoogveenenstuifzand=9]	0,404576
[Heidehoogveenenstuifzand=10]	0,713988
[Heidehoogveenenstuifzand=11]	.
[Openagrarischedgebied=1]	-0,015190
[Openagrarischedgebied=2]	-0,013995
[Openagrarischedgebied=3]	0,065484
[Openagrarischedgebied=4]	.
[strand=1]	-0,388018
[strand=2]	-0,059649
[strand=3]	0,012010
[strand=4]	.
[Halfopenengeslotenagrarischedgebied=1]	0,102185
[Halfopenengeslotenagrarischedgebied=2]	0,427533
[Halfopenengeslotenagrarischedgebied=3]	.
[Duinen=1]	-0,003395
[Duinen=2]	-0,029358
[Duinen=3]	0,077558
[Duinen=4]	0,636797
[Duinen=5]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Bossen=1]	0,106345	0,030263	13037,450	3,514	<0,001	0,047024
[Bossen=2]	0,026882	0,043367	13025,901	0,620	0,535	-0,058124
[Bossen=3]	0,117897	0,063358	12999,685	1,861	0,063	-0,006294
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	-0,064460	0,084677	12959,169	-0,761	0,447	-0,230439
[Moeras=2]	-0,044123	0,028630	12948,282	-1,541	0,123	-0,100242
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ... Upper Bound
[Bossen=1]	0,165666
[Bossen=2]	0,111888
[Bossen=3]	0,242089
[Bossen=4]	.
[Moeras=1]	0,101520
[Moeras=2]	0,011996
[Moeras=3]	.

a. Dependent Variable: FearDepressionHighRiskRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		1,035804	0,012997	79,694	0,000	1,010641
Intercept [subject = MunicipalityRIVM]	Variance	0,921819	0,074773	12,328	<0,001	0,786322

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		1,061594
Intercept [subject = MunicipalityRIVM]	Variance	1,080664

a. Dependent Variable: FearDepressionHighRiskRIVM.

Estimated Marginal Means

Heidehoogveenestuifzand

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	1	2	3	4	5
Fixed Effects Intercept	1	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499	50,499
[Heidehoogveenenstuifzand =1]	1	0	0	0	0
[Heidehoogveenenstuifzand =2]	0	1	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	1	0	0
[Heidehoogveenenstuifzand =4]	0	0	0	1	0
[Heidehoogveenenstuifzand =5]	0	0	0	0	1
[Heidehoogveenenstuifzand =6]	0	0	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0	0	0
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250	0,250
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	6	7	8	9	10
Fixed Effects Intercept	1	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499	50,499
[Heidehoogveenenstuifzand =1]	0	0	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0	0	0
[Heidehoogveenenstuifzand =6]	1	0	0	0	0
[Heidehoogveenenstuifzand =7]	0	1	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	1	0	0
[Heidehoogveenenstuifzand =9]	0	0	0	1	0
[Heidehoogveenenstuifzand =10]	0	0	0	0	1
[Heidehoogveenenstuifzand =11]	0	0	0	0	0
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250	0,250
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	Heidehoogv.. 0 is ref
Fixed Effects Intercept	1
SmokingRIVM	16,461
ObesityRIVM	50,499
[Heidehoogveenenstuifzand =1]	0
[Heidehoogveenenstuifzand =2]	0
[Heidehoogveenenstuifzand =3]	0
[Heidehoogveenenstuifzand =4]	0
[Heidehoogveenenstuifzand =5]	0
[Heidehoogveenenstuifzand =6]	0
[Heidehoogveenenstuifzand =7]	0
[Heidehoogveenenstuifzand =8]	0
[Heidehoogveenenstuifzand =9]	0
[Heidehoogveenenstuifzand =10]	0
[Heidehoogveenenstuifzand =11]	1
[Openagrarischgebied=1]	0,250
[Openagrarischgebied=2]	0,250
[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarisch gebied=1]	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	1	2	3	4	5
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	6	7	8	9	10
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogv..
	0 is ref
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

Estimates^a

Heidehoogveenenstuifzand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	3,835 ^b	0,388	13043	3,075	4,595
2	4,944 ^b	0,175	8700,601	4,602	5,286
3	4,882 ^b	0,183	9218,749	4,523	5,241
4	4,783 ^b	0,154	7534,128	4,480	5,086
5	4,792 ^b	0,154	7419,165	4,490	5,094
6	4,755 ^b	0,151	7219,850	4,459	5,051
7	4,906 ^b	0,157	7683,051	4,597	5,215
8	4,835 ^b	0,163	8276,725	4,515	5,155
9	5,073 ^b	0,181	9667,971	4,719	5,427
10	5,193 ^b	0,256	12391,102	4,692	5,695
0 is ref	4,905 ^b	0,140	6205,572	4,631	5,179

a. Dependent Variable: FearDepressionHighRiskRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
1	2	-1,109 [*]	0,382	12879,400
	3	-1,047 [*]	0,383	12859,859
	4	-0,948 [*]	0,372	12810,941
	5	-0,957 [*]	0,371	12818,867
	6	-0,920 [*]	0,368	12796,273
	7	-1,071 [*]	0,372	12819,850
	8	-1,000 [*]	0,372	12810,243
	9	-1,238 [*]	0,377	12794,610
	10	-1,359 [*]	0,414	12799,390
	0 is ref	-1,070 [*]	0,366	12783,600
2	1	1,109 [*]	0,382	12879,400
	3	0,062	0,149	12983,112
	4	0,161	0,121	12936,423
	5	0,152	0,124	12835,161
	6	0,190	0,121	12941,132
	7	0,038	0,129	12878,942
	8	0,109	0,134	13023,109
	9	-0,129	0,145	13043
	10	-0,249	0,239	12999,047
	0 is ref	0,040	0,106	12785,891

Pairwise Comparisons^a

(I) Heidehoogveenstuifzand	(J) Heidehoogveenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,004	-1,858	-0,361
	3	0,006	-1,798	-0,296
	4	0,011	-1,676	-0,220
	5	0,010	-1,685	-0,230
	6	0,012	-1,641	-0,199
	7	0,004	-1,800	-0,343
	8	0,007	-1,730	-0,271
	9	0,001	-1,977	-0,500
	10	0,001	-2,169	-0,548
	0 is ref	0,003	-1,787	-0,353
	2	1	0,004	0,361	1,858
3		0,677	-0,231	0,355
4		0,183	-0,076	0,398
5		0,219	-0,090	0,394
6		0,118	-0,048	0,427
7		0,768	-0,214	0,290
8		0,416	-0,154	0,371
9		0,372	-0,412	0,154
10		0,297	-0,718	0,219
0 is ref		0,709	-0,168	0,247

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
3	1	1,047 [*]	0,383	12859,859
	2	-0,062	0,149	12983,112
	4	0,099	0,121	13043
	5	0,090	0,126	13010,240
	6	0,127	0,129	13017,708
	7	-0,024	0,134	12982,584
	8	0,047	0,140	13043
	9	-0,191	0,163	13043
	10	-0,311	0,243	13000,279
	0 is ref	-0,023	0,113	12985,012
	4	1	0,948 [*]	0,372	12810,941
2		-0,161	0,121	12936,423
3		-0,099	0,121	13043
5		-0,009	0,086	13043
6		0,028	0,087	13043
7		-0,123	0,092	13043
8		-0,052	0,105	13043
9		-0,290 [*]	0,134	13011,801
10		-0,410	0,225	12928,918
0 is ref		-0,122	0,063	13043
5		1	0,957 [*]	0,371	12818,867
	2	-0,152	0,124	12835,161
	3	-0,090	0,126	13010,240
	4	0,009	0,086	13043
	6	0,037	0,086	13043
	7	-0,114	0,096	12938,659
	8	-0,043	0,107	13043
	9	-0,281 [*]	0,136	13043
	10	-0,401	0,226	12961,478
	0 is ref	-0,113	0,066	12876,360
	6	1	0,920 [*]	0,368	12796,273
2		-0,190	0,121	12941,132
3		-0,127	0,129	13017,708
4		-0,028	0,087	13043
5		-0,037	0,086	13043
7		-0,152	0,095	13024,971
8		-0,081	0,103	13043
9		-0,319 [*]	0,131	13003,359
10		-0,439 [*]	0,223	12928,043
0 is ref		-0,150 [*]	0,065	13043

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
3	1	0,006	0,296	1,798
	2	0,677	-0,355	0,231
	4	0,414	-0,138	0,336
	5	0,476	-0,157	0,337
	6	0,323	-0,125	0,380
	7	0,856	-0,286	0,238
	8	0,739	-0,229	0,322
	9	0,240	-0,510	0,128
	10	0,201	-0,789	0,166
	0 is ref	0,840	-0,243	0,198
	4	1	0,011	0,220	1,676
2		0,183	-0,398	0,076
3		0,414	-0,336	0,138
5		0,915	-0,178	0,159
6		0,744	-0,142	0,199
7		0,182	-0,304	0,058
8		0,618	-0,258	0,153
9		0,030	-0,553	-0,028
10		0,068	-0,851	0,030
0 is ref		0,054	-0,245	0,002
5		1	0,010	0,230	1,685
	2	0,219	-0,394	0,090
	3	0,476	-0,337	0,157
	4	0,915	-0,159	0,178
	6	0,662	-0,131	0,206
	7	0,235	-0,302	0,074
	8	0,686	-0,252	0,166
	9	0,038	-0,547	-0,015
	10	0,075	-0,844	0,041
	0 is ref	0,090	-0,243	0,018
	6	1	0,012	0,199	1,641
2		0,118	-0,427	0,048
3		0,323	-0,380	0,125
4		0,744	-0,199	0,142
5		0,662	-0,206	0,131
7		0,110	-0,337	0,034
8		0,433	-0,282	0,121
9		0,015	-0,575	-0,062
10		0,049	-0,875	-0,002
0 is ref		0,021	-0,277	-0,023

Pairwise Comparisons^a

(I) Heidehoogveenstuifzand	(J) Heidehoogveenstuifzand	Mean Difference (I-J)	Std. Error	df
7	1	1,071 [*]	0,372	12819,850
	2	-0,038	0,129	12878,942
	3	0,024	0,134	12982,584
	4	0,123	0,092	13043
	5	0,114	0,096	12938,659
	6	0,152	0,095	13024,971
	8	0,071	0,103	13043
	9	-0,167	0,132	13018,754
	10	-0,287	0,223	12919,832
	0 is ref	0,002	0,076	12934,180
	8	1	1,000 [*]	0,372	12810,243
2		-0,109	0,134	13023,109
3		-0,047	0,140	13043
4		0,052	0,105	13043
5		0,043	0,107	13043
6		0,081	0,103	13043
7		-0,071	0,103	13043
9		-0,238	0,132	12922,163
10		-0,358	0,224	12897,975
0 is ref		-0,069	0,090	13043
9		1	1,238 [*]	0,377	12794,610
	2	0,129	0,145	13043
	3	0,191	0,163	13043
	4	0,290 [*]	0,134	13011,801
	5	0,281 [*]	0,136	13043
	6	0,319 [*]	0,131	13003,359
	7	0,167	0,132	13018,754
	8	0,238	0,132	12922,163
	10	-0,120	0,225	12830,804
	0 is ref	0,169	0,120	12997,355
	10	1	1,359 [*]	0,414	12799,390
2		0,249	0,239	12999,047
3		0,311	0,243	13000,279
4		0,410	0,225	12928,918
5		0,401	0,226	12961,478
6		0,439 [*]	0,223	12928,043
7		0,287	0,223	12919,832
8		0,358	0,224	12897,975
9		0,120	0,225	12830,804
0 is ref		0,289	0,217	12910,147

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
7	1	0,004	0,343	1,800
	2	0,768	-0,290	0,214
	3	0,856	-0,238	0,286
	4	0,182	-0,058	0,304
	5	0,235	-0,074	0,302
	6	0,110	-0,034	0,337
	8	0,490	-0,130	0,272
	9	0,207	-0,427	0,093
	10	0,198	-0,725	0,151
	0 is ref	0,984	-0,147	0,150
	8	1	0,007	0,271	1,730
2		0,416	-0,371	0,154
3		0,739	-0,322	0,229
4		0,618	-0,153	0,258
5		0,686	-0,166	0,252
6		0,433	-0,121	0,282
7		0,490	-0,272	0,130
9		0,072	-0,497	0,021
10		0,110	-0,797	0,081
0 is ref		0,439	-0,245	0,106
9		1	0,001	0,500	1,977
	2	0,372	-0,154	0,412
	3	0,240	-0,128	0,510
	4	0,030	0,028	0,553
	5	0,038	0,015	0,547
	6	0,015	0,062	0,575
	7	0,207	-0,093	0,427
	8	0,072	-0,021	0,497
	10	0,593	-0,561	0,321
	0 is ref	0,161	-0,067	0,405
	10	1	0,001	0,548
2		0,297	-0,219	0,718
3		0,201	-0,166	0,789
4		0,068	-0,030	0,851
5		0,075	-0,041	0,844
6		0,049	0,002	0,875
7		0,198	-0,151	0,725
8		0,110	-0,081	0,797
9		0,593	-0,321	0,561
0 is ref		0,183	-0,136	0,714

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
0 is ref	1	1,070*	0,366	12783,600
	2	-0,040	0,106	12785,891
	3	0,023	0,113	12985,012
	4	0,122	0,063	13043
	5	0,113	0,066	12876,360
	6	0,150*	0,065	13043
	7	-0,002	0,076	12934,180
	8	0,069	0,090	13043
	9	-0,169	0,120	12997,355
	10	-0,289	0,217	12910,147

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
0 is ref	1	0,003	0,353	1,787
	2	0,709	-0,247	0,168
	3	0,840	-0,198	0,243
	4	0,054	-0,002	0,245
	5	0,090	-0,018	0,243
	6	0,021	0,023	0,277
	7	0,984	-0,150	0,147
	8	0,439	-0,106	0,245
	9	0,161	-0,405	0,067
	10	0,183	-0,714	0,136

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: FearDepressionHighRiskRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
8589934600	0,000	2,382	0,000

The F tests the effect of Heidehoogveenenstuifzand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable:
FearDepressionHighRiskRIVM.

>Unexpected exception occurred.
 >Execution of this command stops.

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
 The time now is 12:22:46.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: FearDepressionHighRiskRIVM.

Information Criteria^a

-2 Log Likelihood	38703,908
Akaike's Information Criterion (AIC)	38767,908
Hurvich and Tsai's Criterion (AICC)	38768,070
Bozdogan's Criterion (CAIC)	39039,214
Schwarz's Bayesian Criterion (BIC)	39007,214

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
FearDepressionHighRiskRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,696
	Conditional	0,839

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9345,187	1187,260	<0,001
SmokingRIVM	1	12936,264	31672,770	0,000
ObesityRIVM	1	13023,874	1328,116	<0,001
Heidehoogveenestuifzand	10	13004,215	2,382	0,008
Openagrarischesgebied	3	12961,774	2,459	0,061
strand	3	13043	9,094	<0,001
Halfopenengslotenagrarischesgebied	2	12923,293	1,323	0,266
Duinen	4	12306,541	2,172	0,069
Bossen	3	13024,133	4,958	0,002
Moeras	2	12952,551	1,374	0,253

a. Dependent Variable: FearDepressionHighRiskRIVM.

Type III Estimable Functions

Intercept

L1

Fixed Effects		L1
Intercept		1
SmokingRIVM		0
ObesityRIVM		0
[Heidehoogveenenstuifzand =1]		0,091
[Heidehoogveenenstuifzand =2]		0,091
[Heidehoogveenenstuifzand =3]		0,091
[Heidehoogveenenstuifzand =4]		0,091
[Heidehoogveenenstuifzand =5]		0,091
[Heidehoogveenenstuifzand =6]		0,091
[Heidehoogveenenstuifzand =7]		0,091
[Heidehoogveenenstuifzand =8]		0,091
[Heidehoogveenenstuifzand =9]		0,091
[Heidehoogveenenstuifzand =10]		0,091
[Heidehoogveenenstuifzand =11]		0,091
[Openagrarischedgebied=1]		0,250
[Openagrarischedgebied=2]		0,250
[Openagrarischedgebied=3]		0,250
[Openagrarischedgebied=4]		0,250
[strand=1]		0,250
[strand=2]		0,250
[strand=3]		0,250
[strand=4]		0,250
[Halfopenengeslotenagrarischedgebied=1]		0,333
[Halfopenengeslotenagrarischedgebied=2]		0,333
[Halfopenengeslotenagrarischedgebied=3]		0,333
[Duinen=1]		0,200
[Duinen=2]		0,200
[Duinen=3]		0,200
[Duinen=4]		0,200
[Duinen=5]		0,200
[Bossen=1]		0,250
[Bossen=2]		0,250

Intercept

L1

[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand =1]	0
	[Heidehoogveenestuifzand =2]	0
	[Heidehoogveenestuifzand =3]	0
	[Heidehoogveenestuifzand =4]	0
	[Heidehoogveenestuifzand =5]	0
	[Heidehoogveenestuifzand =6]	0
	[Heidehoogveenestuifzand =7]	0
	[Heidehoogveenestuifzand =8]	0
	[Heidehoogveenestuifzand =9]	0
	[Heidehoogveenestuifzand =10]	0
	[Heidehoogveenestuifzand =11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0

SmokingRIVM

L2

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0

ObesityRIVM

L3

[Openagrarischgebied=4]	0
[strand=1]	0
[strand=2]	0
[strand=3]	0
[strand=4]	0
[Halfopenengeslotenagraris hgebied=1]	0
[Halfopenengeslotenagraris hgebied=2]	0
[Halfopenengeslotenagraris hgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand =1]	1	0	0	0	0
	[Heidehoogveenestuifzand =2]	0	1	0	0	0
	[Heidehoogveenestuifzand =3]	0	0	1	0	0
	[Heidehoogveenestuifzand =4]	0	0	0	1	0
	[Heidehoogveenestuifzand =5]	0	0	0	0	1
	[Heidehoogveenestuifzand =6]	0	0	0	0	0
	[Heidehoogveenestuifzand =7]	0	0	0	0	0
	[Heidehoogveenestuifzand =8]	0	0	0	0	0
	[Heidehoogveenestuifzand =9]	0	0	0	0	0
	[Heidehoogveenestuifzand =10]	0	0	0	0	0
	[Heidehoogveenestuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

	L4	L5	L6	L7	L8
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenestuifzand

	L9	L10	L11	L12	L13
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

	L15	L16	L17
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenestuifzand =1]	0	0	0
[Heidehoogveenestuifzand =2]	0	0	0
[Heidehoogveenestuifzand =3]	0	0	0
[Heidehoogveenestuifzand =4]	0	0	0
[Heidehoogveenestuifzand =5]	0	0	0
[Heidehoogveenestuifzand =6]	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0
[Openagrarischgebied=1]	1	0	0
[Openagrarischgebied=2]	0	1	0
[Openagrarischgebied=3]	0	0	1
[Openagrarischgebied=4]	-1	-1	-1

Openagrarischgebied

	L15	L16	L17
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

		L19	L20	L21
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	1	0	0
	[strand=2]	0	1	0
	[strand=3]	0	0	1
	[strand=4]	-1	-1	-1
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

strand

	L19	L20	L21
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1

Halfopenengeslotenagrarischgebied

	L23	L24
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L26	L27	L28	L29
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L31	L32	L33
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischedgebied=1]	0	0	0
	[Openagrarischedgebied=2]	0	0	0
	[Openagrarischedgebied=3]	0	0	0
	[Openagrarischedgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0

Bossen

	L31	L32	L33
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0

Moeras

	L35	L36
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-5,506835	0,117988	5498,008	-46,673	0,000	-5,738138
SmokingRIVM	0,431544	0,002425	12936,264	177,968	0,000	0,426791
ObesityRIVM	0,075767	0,002079	13023,874	36,443	<0,001	0,071692
[Heidehoogveenestuifzand=1]	-1,069765	0,365662	12783,600	-2,926	0,003	-1,786518
[Heidehoogveenestuifzand=2]	0,039529	0,105859	12785,891	0,373	0,709	-0,167971
[Heidehoogveenestuifzand=3]	-0,022663	0,112600	12985,012	-0,201	0,840	-0,243375
[Heidehoogveenestuifzand=4]	-0,121659	0,063129	13043	-1,927	0,054	-0,245402
[Heidehoogveenestuifzand=5]	-0,112504	0,066425	12876,360	-1,694	0,090	-0,242707
[Heidehoogveenestuifzand=6]	-0,149999	0,064791	13043	-2,315	0,021	-0,276999
[Heidehoogveenestuifzand=7]	0,001518	0,075809	12934,180	0,020	0,984	-0,147078
[Heidehoogveenestuifzand=8]	-0,069364	0,089708	13043	-0,773	0,439	-0,245205
[Heidehoogveenestuifzand=9]	0,168582	0,120396	12997,355	1,400	0,161	-0,067413
[Heidehoogveenestuifzand=10]	0,288787	0,216923	12910,147	1,331	0,183	-0,136413
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.	.
[Openagrarischgebied=1]	-0,077750	0,031916	12755,077	-2,436	0,015	-0,140310

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
Intercept	-5,275532
SmokingRIVM	0,436297
ObesityRIVM	0,079842
[Heidehoogveenenstuifzand =1]	-0,353012
[Heidehoogveenenstuifzand =2]	0,247029
[Heidehoogveenenstuifzand =3]	0,198049
[Heidehoogveenenstuifzand =4]	0,002084
[Heidehoogveenenstuifzand =5]	0,017700
[Heidehoogveenenstuifzand =6]	-0,022998
[Heidehoogveenenstuifzand =7]	0,150114
[Heidehoogveenenstuifzand =8]	0,106478
[Heidehoogveenenstuifzand =9]	0,404576
[Heidehoogveenenstuifzand =10]	0,713988
[Heidehoogveenenstuifzand =11]	.
[Openagrarischedgebied=1]	-0,015190

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Openagrarischgebiet=2]	-0,099044	0,043389	12564,316	-2,283	0,022	-0,184092
[Openagrarischgebiet=3]	-0,064877	0,066506	12995,153	-0,976	0,329	-0,195238
[Openagrarischgebiet=4]	0 ^b	0	.	.	.	.
[strand=1]	-0,663789	0,140689	13030,767	-4,718	<0,001	-0,939561
[strand=2]	-0,360773	0,153624	13043	-2,348	0,019	-0,661898
[strand=3]	-0,220143	0,118436	13043	-1,859	0,063	-0,452295
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengeslotenagrarisc hgebiet=1]	0,046031	0,028648	13000,236	1,607	0,108	-0,010123
[Halfopenengeslotenagrarisc hgebiet=2]	-0,032664	0,234777	12846,255	-0,139	0,889	-0,492862
[Halfopenengeslotenagrarisc hgebiet=3]	0 ^b	0	.	.	.	.
[Duinen=1]	-0,244411	0,122958	12926,216	-1,988	0,047	-0,485427
[Duinen=2]	-0,230315	0,102521	12199,834	-2,247	0,025	-0,431272
[Duinen=3]	-0,316574	0,201073	12725,600	-1,574	0,115	-0,710707
[Duinen=4]	-0,097044	0,374374	11121,076	-0,259	0,795	-0,830884
[Duinen=5]	0 ^b	0	.	.	.	.
[Bossen=1]	0,106345	0,030263	13037,450	3,514	<0,001	0,047024
[Bossen=2]	0,026882	0,043367	13025,901	0,620	0,535	-0,058124
[Bossen=3]	0,117897	0,063358	12999,685	1,861	0,063	-0,006294
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	-0,064460	0,084677	12959,169	-0,761	0,447	-0,230439
[Moeras=2]	-0,044123	0,028630	12948,282	-1,541	0,123	-0,100242
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
[Openagrarischgebied=2]	-0,013995
[Openagrarischgebied=3]	0,065484
[Openagrarischgebied=4]	.
[strand=1]	-0,388018
[strand=2]	-0,059649
[strand=3]	0,012010
[strand=4]	.
[Halfopenengeslotenagrarischgebied=1]	0,102185
[Halfopenengeslotenagrarischgebied=2]	0,427533
[Halfopenengeslotenagrarischgebied=3]	.
[Duinen=1]	-0,003395
[Duinen=2]	-0,029358
[Duinen=3]	0,077558
[Duinen=4]	0,636797
[Duinen=5]	.
[Bossen=1]	0,165666
[Bossen=2]	0,111888
[Bossen=3]	0,242089
[Bossen=4]	.
[Moeras=1]	0,101520
[Moeras=2]	0,011996
[Moeras=3]	.

a. Dependent Variable: FearDepressionHighRiskRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ...
						Lower Bound
Residual		1,035804	0,012997	79,694	0,000	1,010641
Intercept [subject = MunicipalityRIVM]	Variance	0,921819	0,074773	12,328	<0,001	0,786322

Estimates of Covariance Parameters^a

Parameter	95% ... Upper Bound
Residual	1,061594
Intercept [subject = MunicipalityRIVM]	Variance 1,080664

a. Dependent Variable: FearDepressionHighRiskRIVM.

Estimated Marginal Means

strand

Contrast Coefficients

Parameter		strand			
		1	2	3	0 is ref
Fixed Effects	Intercept	1	1	1	1
	SmokingRIVM	16,461	16,461	16,461	16,461
	ObesityRIVM	50,499	50,499	50,499	50,499
	[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091
	[Openagrarischgebied=1]	0,250	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250	0,250
	[strand=1]	1	0	0	0
	[strand=2]	0	1	0	0
[strand=3]	0	0	1	0	
[strand=4]	0	0	0	1	

Contrast Coefficients

Parameter	strand			
	1	2	3	0 is ref
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

strand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	4,457 ^b	0,200	10816,264	4,064	4,850
2	4,760 ^b	0,189	9382,455	4,389	5,131
3	4,900 ^b	0,168	8889,737	4,571	5,229
0 is ref	5,121 ^b	0,150	7133,957	4,827	5,414

a. Dependent Variable: FearDepressionHighRiskRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) strand	(J) strand	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ^c ... Lower Bound
1	2	-0,303	0,197	13043	0,124	-0,689
	3	-0,444*	0,177	13043	0,012	-0,790
	0 is ref	-0,664*	0,141	13030,767	<0,001	-0,940
2	1	0,303	0,197	13043	0,124	-0,083
	3	-0,141	0,179	13043	0,433	-0,492
	0 is ref	-0,361*	0,154	13043	0,019	-0,662
3	1	0,444*	0,177	13043	0,012	0,097
	2	0,141	0,179	13043	0,433	-0,211
	0 is ref	-0,220	0,118	13043	0,063	-0,452
0 is ref	1	0,664*	0,141	13030,767	<0,001	0,388
	2	0,361*	0,154	13043	0,019	0,060
	3	0,220	0,118	13043	0,063	-0,012

Pairwise Comparisons^a

(I) strand	(J) strand	95% Confidence Interval for ^c ... Upper Bound
1	2	0,083
	3	-0,097
	0 is ref	-0,388
2	1	0,689
	3	0,211
	0 is ref	-0,060
3	1	0,790
	2	0,492
	0 is ref	0,012
0 is ref	1	0,940
	2	0,662
	3	0,452

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: FearDepressionHighRiskRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	13043	9,094	<0,001

The F tests the effect of strand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

- a. Dependent Variable:
FearDepressionHighRiskRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:22:47.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischedgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischedgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: FearDepressionHighRiskRIVM.

Information Criteria^a

-2 Log Likelihood	38703,908
Akaike's Information Criterion (AIC)	38767,908
Hurvich and Tsai's Criterion (AICC)	38768,070
Bozdogan's Criterion (CAIC)	39039,214
Schwarz's Bayesian Criterion (BIC)	39007,214

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
FearDepressionHighRiskRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,696
	Conditional	0,839

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9345,187	1187,260	<0,001
SmokingRIVM	1	12936,264	31672,770	0,000
ObesityRIVM	1	13023,874	1328,116	<0,001
Heidehoogveenenstuifzand	10	13004,215	2,382	0,008
Openagrarisched gebied	3	12961,774	2,459	0,061
strand	3	13043	9,094	<0,001
Halfopenengeslotenagrarisched gebied	2	12923,293	1,323	0,266
Duinen	4	12306,541	2,172	0,069
Bossen	3	13024,133	4,958	0,002
Moeras	2	12952,551	1,374	0,253

a. Dependent Variable: FearDepressionHighRiskRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarisched gebied=1]	0,250
	[Openagrarisched gebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0	0	

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenestuifzand=1]	0	0	0
	[Heidehoogveenestuifzand=2]	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	0
	[Heidehoogveenestuifzand=4]	0	0	0
	[Heidehoogveenestuifzand=5]	0	0	0
	[Heidehoogveenestuifzand=6]	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0
	[Heidehoogveenestuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischgebied=1]	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrari sgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrari schgebied=1]	0	0
[Openagrari schgebied=2]	0	0
[Openagrari schgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagraris hgebied=1]	0	0
[Halfopenengeslotenagraris hgebied=2]	0	0
[Halfopenengeslotenagraris hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-5,506835	0,117988	5498,008	-46,673	0,000	-5,738138
SmokingRIVM	0,431544	0,002425	12936,264	177,968	0,000	0,426791
ObesityRIVM	0,075767	0,002079	13023,874	36,443	<0,001	0,071692
[Heidehoogveenestuifzand=1]	-1,069765	0,365662	12783,600	-2,926	0,003	-1,786518
[Heidehoogveenestuifzand=2]	0,039529	0,105859	12785,891	0,373	0,709	-0,167971
[Heidehoogveenestuifzand=3]	-0,022663	0,112600	12985,012	-0,201	0,840	-0,243375
[Heidehoogveenestuifzand=4]	-0,121659	0,063129	13043	-1,927	0,054	-0,245402
[Heidehoogveenestuifzand=5]	-0,112504	0,066425	12876,360	-1,694	0,090	-0,242707
[Heidehoogveenestuifzand=6]	-0,149999	0,064791	13043	-2,315	0,021	-0,276999
[Heidehoogveenestuifzand=7]	0,001518	0,075809	12934,180	0,020	0,984	-0,147078
[Heidehoogveenestuifzand=8]	-0,069364	0,089708	13043	-0,773	0,439	-0,245205
[Heidehoogveenestuifzand=9]	0,168582	0,120396	12997,355	1,400	0,161	-0,067413
[Heidehoogveenestuifzand=10]	0,288787	0,216923	12910,147	1,331	0,183	-0,136413
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.	.
[Openagrarischedgebied=1]	-0,077750	0,031916	12755,077	-2,436	0,015	-0,140310
[Openagrarischedgebied=2]	-0,099044	0,043389	12564,316	-2,283	0,022	-0,184092
[Openagrarischedgebied=3]	-0,064877	0,066506	12995,153	-0,976	0,329	-0,195238
[Openagrarischedgebied=4]	0 ^b	0	.	.	.	.
[strand=1]	-0,663789	0,140689	13030,767	-4,718	<0,001	-0,939561
[strand=2]	-0,360773	0,153624	13043	-2,348	0,019	-0,661898
[strand=3]	-0,220143	0,118436	13043	-1,859	0,063	-0,452295
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengeslotenagrarischedgebied=1]	0,046031	0,028648	13000,236	1,607	0,108	-0,010123
[Halfopenengeslotenagrarischedgebied=2]	-0,032664	0,234777	12846,255	-0,139	0,889	-0,492862
[Halfopenengeslotenagrarischedgebied=3]	0 ^b	0	.	.	.	.
[Duinen=1]	-0,244411	0,122958	12926,216	-1,988	0,047	-0,485427
[Duinen=2]	-0,230315	0,102521	12199,834	-2,247	0,025	-0,431272
[Duinen=3]	-0,316574	0,201073	12725,600	-1,574	0,115	-0,710707
[Duinen=4]	-0,097044	0,374374	11121,076	-0,259	0,795	-0,830884
[Duinen=5]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ... Upper Bound
Intercept	-5,275532
SmokingRIVM	0,436297
ObesityRIVM	0,079842
[Heidehoogveenenstuifzand=1]	-0,353012
[Heidehoogveenenstuifzand=2]	0,247029
[Heidehoogveenenstuifzand=3]	0,198049
[Heidehoogveenenstuifzand=4]	0,002084
[Heidehoogveenenstuifzand=5]	0,017700
[Heidehoogveenenstuifzand=6]	-0,022998
[Heidehoogveenenstuifzand=7]	0,150114
[Heidehoogveenenstuifzand=8]	0,106478
[Heidehoogveenenstuifzand=9]	0,404576
[Heidehoogveenenstuifzand=10]	0,713988
[Heidehoogveenenstuifzand=11]	.
[Openagrarisched gebied=1]	-0,015190
[Openagrarisched gebied=2]	-0,013995
[Openagrarisched gebied=3]	0,065484
[Openagrarisched gebied=4]	.
[strand=1]	-0,388018
[strand=2]	-0,059649
[strand=3]	0,012010
[strand=4]	.
[Halfopenengeslotenagrarisched gebied=1]	0,102185
[Halfopenengeslotenagrarisched gebied=2]	0,427533
[Halfopenengeslotenagrarisched gebied=3]	.
[Duinen=1]	-0,003395
[Duinen=2]	-0,029358
[Duinen=3]	0,077558
[Duinen=4]	0,636797
[Duinen=5]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Bossen=1]	0,106345	0,030263	13037,450	3,514	<0,001	0,047024
[Bossen=2]	0,026882	0,043367	13025,901	0,620	0,535	-0,058124
[Bossen=3]	0,117897	0,063358	12999,685	1,861	0,063	-0,006294
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	-0,064460	0,084677	12959,169	-0,761	0,447	-0,230439
[Moeras=2]	-0,044123	0,028630	12948,282	-1,541	0,123	-0,100242
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ... Upper Bound
[Bossen=1]	0,165666
[Bossen=2]	0,111888
[Bossen=3]	0,242089
[Bossen=4]	.
[Moeras=1]	0,101520
[Moeras=2]	0,011996
[Moeras=3]	.

a. Dependent Variable: FearDepressionHighRiskRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		1,035804	0,012997	79,694	0,000	1,010641
Intercept [subject = MunicipalityRIVM]	Variance	0,921819	0,074773	12,328	<0,001	0,786322

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		1,061594
Intercept [subject = MunicipalityRIVM]	Variance	1,080664

a. Dependent Variable: FearDepressionHighRiskRIVM.

Estimated Marginal Means

Bossen

Contrast Coefficients

Parameter	Bossen			
	1	2	3	0 is ref
Fixed Effects Intercept	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499
[Heidehoogveenestuifzand=1]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=2]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=3]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=4]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=5]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=6]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=7]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=8]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=9]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=10]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand=11]	0,091	0,091	0,091	0,091
[Openagrarischedgebied=1]	0,250	0,250	0,250	0,250
[Openagrarischedgebied=2]	0,250	0,250	0,250	0,250
[Openagrarischedgebied=3]	0,250	0,250	0,250	0,250
[Openagrarischedgebied=4]	0,250	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250
[Halfopenengeslotenagrarischedgebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischedgebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischedgebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	1	0	0	0

Contrast Coefficients

Parameter	Bossen			0 is ref
	1	2	3	
[Bossen=2]	0	1	0	0
[Bossen=3]	0	0	1	0
[Bossen=4]	0	0	0	1
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

Bossen	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	4,853 ^b	0,150	7140,648	4,559	5,147
2	4,774 ^b	0,148	7001,892	4,483	5,064
3	4,865 ^b	0,153	7442,641	4,565	5,164
0 is ref	4,747 ^b	0,152	7277,260	4,449	5,044

a. Dependent Variable: FearDepressionHighRiskRIVM.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Bossen	(J) Bossen	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ...
						Lower Bound
1	2	0,079 [*]	0,039	13025,030	0,043	0,002
	3	-0,012	0,060	13005,520	0,848	-0,130
	0 is ref	0,106 [*]	0,030	13037,450	<0,001	0,047
2	1	-0,079 [*]	0,039	13025,030	0,043	-0,156
	3	-0,091	0,062	13043	0,144	-0,213
	0 is ref	0,027	0,043	13025,901	0,535	-0,058
3	1	0,012	0,060	13005,520	0,848	-0,106
	2	0,091	0,062	13043	0,144	-0,031
	0 is ref	0,118	0,063	12999,685	0,063	-0,006
0 is ref	1	-0,106 [*]	0,030	13037,450	<0,001	-0,166
	2	-0,027	0,043	13025,901	0,535	-0,112
	3	-0,118	0,063	12999,685	0,063	-0,242

Pairwise Comparisons^a

(I) Bossen	(J) Bossen	95% Confidence Interval for $\bar{C}_{..}$
		Upper Bound
1	2	0,156
	3	0,106
	0 is ref	0,166
2	1	-0,002
	3	0,031
	0 is ref	0,112
3	1	0,130
	2	0,213
	0 is ref	0,242
0 is ref	1	-0,047
	2	0,058
	3	0,006

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: FearDepressionHighRiskRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	13026,313	4,958	0,002

The F tests the effect of Bossen. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable:
FearDepressionHighRiskRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:22:48.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: LonlinessRivm.

Information Criteria^a

-2 Log Likelihood	68785,281
Akaike's Information Criterion (AIC)	68849,281
Hurvich and Tsai's Criterion (AICC)	68849,443
Bozdogan's Criterion (CAIC)	69120,587
Schwarz's Bayesian Criterion (BIC)	69088,587

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
LonlinessRivm.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,561
	Conditional	0,753

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9626,516	603,726	<0,001
SmokingRIVM	1	12958,410	15009,195	0,000
ObesityRIVM	1	13043	1554,172	0,000
Heidehoogveenestuifzand	10	12979,952	3,106	<0,001
Openagrarischedgebied	3	12884,414	4,389	0,004
strand	3	13043	6,786	<0,001
Halfopenengslotenagrarischedgebied	2	12898,623	0,270	0,764
Duinen	4	12057,877	0,075	0,990
Bossen	3	12968,318	7,248	<0,001
Moeras	2	12859,239	2,228	0,108

a. Dependent Variable: LonlinessRivm.

Type III Estimable Functions

Intercept

L1

Fixed Effects		L1
Intercept		1
SmokingRIVM		0
ObesityRIVM		0
[Heidehoogveenenstuifzand =1]		0,091
[Heidehoogveenenstuifzand =2]		0,091
[Heidehoogveenenstuifzand =3]		0,091
[Heidehoogveenenstuifzand =4]		0,091
[Heidehoogveenenstuifzand =5]		0,091
[Heidehoogveenenstuifzand =6]		0,091
[Heidehoogveenenstuifzand =7]		0,091
[Heidehoogveenenstuifzand =8]		0,091
[Heidehoogveenenstuifzand =9]		0,091
[Heidehoogveenenstuifzand =10]		0,091
[Heidehoogveenenstuifzand =11]		0,091
[Openagrarischgebied=1]		0,250
[Openagrarischgebied=2]		0,250
[Openagrarischgebied=3]		0,250
[Openagrarischgebied=4]		0,250
[strand=1]		0,250
[strand=2]		0,250
[strand=3]		0,250
[strand=4]		0,250
[Halfopenengeslotenagrarisch gebied=1]		0,333
[Halfopenengeslotenagrarisch gebied=2]		0,333
[Halfopenengeslotenagrarisch gebied=3]		0,333
[Duinen=1]		0,200
[Duinen=2]		0,200
[Duinen=3]		0,200
[Duinen=4]		0,200
[Duinen=5]		0,200
[Bossen=1]		0,250
[Bossen=2]		0,250

Intercept

L1

[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

SmokingRIVM

L2

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenenstuifzand=1]	0
	[Heidehoogveenenstuifzand=2]	0
	[Heidehoogveenenstuifzand=3]	0
	[Heidehoogveenenstuifzand=4]	0
	[Heidehoogveenenstuifzand=5]	0
	[Heidehoogveenenstuifzand=6]	0
	[Heidehoogveenenstuifzand=7]	0
	[Heidehoogveenenstuifzand=8]	0
	[Heidehoogveenenstuifzand=9]	0
	[Heidehoogveenenstuifzand=10]	0
	[Heidehoogveenenstuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0

ObesityRIVM

L3

[Openagrarischgebied=4]	0
[strand=1]	0
[strand=2]	0
[strand=3]	0
[strand=4]	0
[Halfopenengeslotenagrarischgebied=1]	0
[Halfopenengeslotenagrarischgebied=2]	0
[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand =1]	1	0	0	0	0
	[Heidehoogveenestuifzand =2]	0	1	0	0	0
	[Heidehoogveenestuifzand =3]	0	0	1	0	0
	[Heidehoogveenestuifzand =4]	0	0	0	1	0
	[Heidehoogveenestuifzand =5]	0	0	0	0	1
	[Heidehoogveenestuifzand =6]	0	0	0	0	0
	[Heidehoogveenestuifzand =7]	0	0	0	0	0
	[Heidehoogveenestuifzand =8]	0	0	0	0	0
	[Heidehoogveenestuifzand =9]	0	0	0	0	0
	[Heidehoogveenestuifzand =10]	0	0	0	0	0
	[Heidehoogveenestuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

	L4	L5	L6	L7	L8
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenestuifzand

	L9	L10	L11	L12	L13
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

	L15	L16	L17
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenestuifzand =1]	0	0	0
[Heidehoogveenestuifzand =2]	0	0	0
[Heidehoogveenestuifzand =3]	0	0	0
[Heidehoogveenestuifzand =4]	0	0	0
[Heidehoogveenestuifzand =5]	0	0	0
[Heidehoogveenestuifzand =6]	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0
[Openagrarischgebied=1]	1	0	0
[Openagrarischgebied=2]	0	1	0
[Openagrarischgebied=3]	0	0	1
[Openagrarischgebied=4]	-1	-1	-1

Open agrarisch gebied

	L15	L16	L17
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengslotenagraris ch gebied=1]	0	0	0
[Halfopenengslotenagraris ch gebied=2]	0	0	0
[Halfopenengslotenagraris ch gebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

		L19	L20	L21
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischedgebied=1]	0	0	0
	[Openagrarischedgebied=2]	0	0	0
	[Openagrarischedgebied=3]	0	0	0
	[Openagrarischedgebied=4]	0	0	0
	[strand=1]	1	0	0
	[strand=2]	0	1	0
	[strand=3]	0	0	1
	[strand=4]	-1	-1	-1
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

strand

	L19	L20	L21
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1

Halfopenengeslotenagrarischgebied

	L23	L24
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L26	L27	L28	L29
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L31	L32	L33
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0

Bossen

	L31	L32	L33
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0

Moeras

	L35	L36
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	15,207227	0,368572	6136,447	41,260	0,000
SmokingRIVM	0,939641	0,007670	12958,410	122,512	0,000
ObesityRIVM	0,259129	0,006573	13043	39,423	0,000
[Heidehoogveenestuifzand=1]	-1,912255	1,157192	12796,709	-1,652	0,098
[Heidehoogveenestuifzand=2]	0,597890	0,333913	12612,253	1,791	0,073
[Heidehoogveenestuifzand=3]	0,270084	0,355439	12908,085	0,760	0,447
[Heidehoogveenestuifzand=4]	-0,491435	0,199468	13043	-2,464	0,014
[Heidehoogveenestuifzand=5]	-0,536636	0,209589	12750,980	-2,560	0,010
[Heidehoogveenestuifzand=6]	-0,670880	0,204621	13019,407	-3,279	0,001
[Heidehoogveenestuifzand=7]	-0,249487	0,239246	12829,473	-1,043	0,297
[Heidehoogveenestuifzand=8]	0,124446	0,283400	13043	0,439	0,661
[Heidehoogveenestuifzand=9]	0,443792	0,380704	13020,862	1,166	0,244
[Heidehoogveenestuifzand=10]	-0,670363	0,686197	12934,191	-0,977	0,329
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	-0,238274	0,100665	12583,260	-2,367	0,018

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	14,484698	15,929757
SmokingRIVM	0,924607	0,954675
ObesityRIVM	0,246245	0,272013
[Heidehoogveenenstuifzand =1]	-4,180525	0,356014
[Heidehoogveenenstuifzand =2]	-0,056631	1,252410
[Heidehoogveenenstuifzand =3]	-0,426628	0,966797
[Heidehoogveenenstuifzand =4]	-0,882421	-0,100448
[Heidehoogveenenstuifzand =5]	-0,947462	-0,125811
[Heidehoogveenenstuifzand =6]	-1,071968	-0,269793
[Heidehoogveenenstuifzand =7]	-0,718445	0,219471
[Heidehoogveenenstuifzand =8]	-0,431060	0,679952
[Heidehoogveenenstuifzand =9]	-0,302444	1,190027
[Heidehoogveenenstuifzand =10]	-2,015410	0,674685
[Heidehoogveenenstuifzand =11]	.	.
[Openagrarischgebied=1]	-0,435593	-0,040955

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Openagrarischgebiet=2]	-0,477091	0,136787	12332,394	-3,488	<0,001
[Openagrarischgebiet=3]	-0,219919	0,209947	12920,771	-1,047	0,295
[Openagrarischgebiet=4]	0 ^b	0	.	.	.
[strand=1]	-1,641161	0,444777	13043	-3,690	<0,001
[strand=2]	-1,425686	0,485451	13043	-2,937	0,003
[strand=3]	-0,399452	0,374170	13043	-1,068	0,286
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisc hgebiet=1]	-0,005243	0,090438	12930,222	-0,058	0,954
[Halfopenengeslotenagrarisc hgebiet=2]	-0,545635	0,742843	12865,652	-0,735	0,463
[Halfopenengeslotenagrarisc hgebiet=3]	0 ^b	0	.	.	.
[Duinen=1]	0,080791	0,388033	12817,346	0,208	0,835
[Duinen=2]	0,100182	0,322972	11852,815	0,310	0,756
[Duinen=3]	-0,002868	0,634203	12626,268	-0,005	0,996
[Duinen=4]	-0,424804	1,177528	10640,310	-0,361	0,718
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	0,444166	0,095562	12988,519	4,648	<0,001
[Bossen=2]	0,342110	0,136928	12969,315	2,498	0,012
[Bossen=3]	0,367662	0,200014	12925,993	1,838	0,066
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,377444	0,267264	12869,983	-1,412	0,158
[Moeras=2]	-0,153836	0,090360	12851,790	-1,702	0,089
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Openagrarischgebied=2]	-0,745215	-0,208966
[Openagrarischgebied=3]	-0,631446	0,191608
[Openagrarischgebied=4]	.	.
[strand=1]	-2,512990	-0,769333
[strand=2]	-2,377242	-0,474131
[strand=3]	-1,132879	0,333974
[strand=4]	.	.
[Halfopenengeslotenagrarischgebied=1]	-0,182515	0,172029
[Halfopenengeslotenagrarischgebied=2]	-2,001717	0,910448
[Halfopenengeslotenagrarischgebied=3]	.	.
[Duinen=1]	-0,679811	0,841394
[Duinen=2]	-0,532896	0,733260
[Duinen=3]	-1,246002	1,240265
[Duinen=4]	-2,732980	1,883372
[Duinen=5]	.	.
[Bossen=1]	0,256850	0,631482
[Bossen=2]	0,073711	0,610508
[Bossen=3]	-0,024395	0,759720
[Bossen=4]	.	.
[Moeras=1]	-0,901321	0,146433
[Moeras=2]	-0,330954	0,023283
[Moeras=3]	.	.

a. Dependent Variable: LonlinessRivm.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		10,378160	0,130204	79,707	0,000	10,126076
Intercept [subject = MunicipalityRIVM]	Variance	8,056736	0,654894	12,302	<0,001	6,870194

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		10,636520
Intercept [subject = MunicipalityRIVM]	Variance	9,448204

a. Dependent Variable: LonlinessRivm.

Estimated Marginal Means

Heidehoogveenestuifzand

Contrast Coefficients

Parameter		Heidehoogveenestuifzand				
		1	2	3	4	5
Fixed Effects	Intercept	1	1	1	1	1
	SmokingRIVM	16,461	16,461	16,461	16,461	16,461
	ObesityRIVM	50,499	50,499	50,499	50,499	50,499
	[Heidehoogveenestuifzand =1]	1	0	0	0	0
	[Heidehoogveenestuifzand =2]	0	1	0	0	0
	[Heidehoogveenestuifzand =3]	0	0	1	0	0
	[Heidehoogveenestuifzand =4]	0	0	0	1	0
	[Heidehoogveenestuifzand =5]	0	0	0	0	1
	[Heidehoogveenestuifzand =6]	0	0	0	0	0
	[Heidehoogveenestuifzand =7]	0	0	0	0	0
	[Heidehoogveenestuifzand =8]	0	0	0	0	0
	[Heidehoogveenestuifzand =9]	0	0	0	0	0
	[Heidehoogveenestuifzand =10]	0	0	0	0	0
	[Heidehoogveenestuifzand =11]	0	0	0	0	0
	[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250	0,250	0,250
	[strand=3]	0,250	0,250	0,250	0,250	0,250
	[strand=4]	0,250	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	6	7	8	9	10
Fixed Effects Intercept	1	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499	50,499
[Heidehoogveenenstuifzand =1]	0	0	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0	0	0
[Heidehoogveenenstuifzand =6]	1	0	0	0	0
[Heidehoogveenenstuifzand =7]	0	1	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	1	0	0
[Heidehoogveenenstuifzand =9]	0	0	0	1	0
[Heidehoogveenenstuifzand =10]	0	0	0	0	1
[Heidehoogveenenstuifzand =11]	0	0	0	0	0
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter		Heidehoogv.. 0 is ref
Fixed Effects	Intercept	1
	SmokingRIVM	16,461
	ObesityRIVM	50,499
	[Heidehoogveenenstuifzand =1]	0
	[Heidehoogveenenstuifzand =2]	0
	[Heidehoogveenenstuifzand =3]	0
	[Heidehoogveenenstuifzand =4]	0
	[Heidehoogveenenstuifzand =5]	0
	[Heidehoogveenenstuifzand =6]	0
	[Heidehoogveenenstuifzand =7]	0
	[Heidehoogveenenstuifzand =8]	0
	[Heidehoogveenenstuifzand =9]	0
	[Heidehoogveenenstuifzand =10]	0
	[Heidehoogveenenstuifzand =11]	1
	[Openagrarischedgebied=1]	0,250
	[Openagrarischedgebied=2]	0,250
	[Openagrarischedgebied=3]	0,250
	[Openagrarischedgebied=4]	0,250
	[strand=1]	0,250
	[strand=2]	0,250
	[strand=3]	0,250
	[strand=4]	0,250

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	1	2	3	4	5
[Halfopenengeslotenagraris hgebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagraris hgebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagraris hgebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	6	7	8	9	10
[Halfopenengeslotenagraris hgebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagraris hgebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagraris hgebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogv..
	0 is ref
[Halfopenengeslotenagraris hgebied=1]	0,333
[Halfopenengeslotenagraris hgebied=2]	0,333
[Halfopenengeslotenagraris hgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

Estimates^a

Heidehoogveenstuifzand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	40,626 ^b	1,225	13043	38,224	43,028
2	43,136 ^b	0,548	8909,539	42,062	44,210
3	42,808 ^b	0,575	9407,588	41,682	43,935
4	42,047 ^b	0,484	7866,416	41,099	42,995
5	42,002 ^b	0,482	7736,501	41,056	42,947
6	41,867 ^b	0,473	7554,613	40,940	42,795
7	42,289 ^b	0,493	7988,439	41,321	43,256
8	42,663 ^b	0,512	8590,937	41,659	43,667
9	42,982 ^b	0,567	9956,526	41,870	44,094
10	41,868 ^b	0,807	12473,832	40,286	43,450
0 is ref	42,538 ^b	0,437	6552,222	41,682	43,395

a. Dependent Variable: LonlinessRivm.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
1	2	-2,510 [*]	1,208	12899,769
	3	-2,182	1,212	12878,771
	4	-1,421	1,176	12826,499
	5	-1,376	1,174	12834,748
	6	-1,241	1,164	12810,336
	7	-1,663	1,176	12835,864
	8	-2,037	1,177	12825,548
	9	-2,356 [*]	1,192	12808,675
	10	-1,242	1,309	12814,343
	0 is ref	-1,912	1,157	12796,709
2	1	2,510 [*]	1,208	12899,769
	3	0,328	0,472	12900,885
	4	1,089 [*]	0,382	12827,802
	5	1,135 [*]	0,390	12682,901
	6	1,269 [*]	0,383	12835,898
	7	0,847 [*]	0,406	12744,047
	8	0,473	0,423	12962,784
	9	0,154	0,457	13043
	10	1,268	0,756	13022,528
	0 is ref	0,598	0,334	12612,253
3	1	2,182	1,212	12878,771
	2	-0,328	0,472	12900,885
	4	0,762 [*]	0,383	13043
	5	0,807 [*]	0,398	12947,223
	6	0,941 [*]	0,407	12958,216
	7	0,520	0,422	12903,348
	8	0,146	0,443	13013,896
	9	-0,174	0,515	13043
	10	0,940	0,770	13022,994
	0 is ref	0,270	0,355	12908,085
4	1	1,421	1,176	12826,499
	2	-1,089 [*]	0,382	12827,802

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,038	-4,877	-0,143
	3	0,072	-4,559	0,194
	4	0,227	-3,726	0,884
	5	0,241	-3,678	0,926
	6	0,286	-3,524	1,041
	7	0,157	-3,968	0,642
	8	0,084	-4,344	0,271
	9	0,048	-4,692	-0,020
	10	0,343	-3,807	1,323
	0 is ref	0,098	-4,181	0,356
2	1	0,038	0,143	4,877
	3	0,487	-0,597	1,253
	4	0,004	0,341	1,838
	5	0,004	0,370	1,899
	6	<0,001	0,519	2,019
	7	0,037	0,052	1,643
	8	0,263	-0,356	1,303
	9	0,736	-0,742	1,050
	10	0,093	-0,213	2,749
	0 is ref	0,073	-0,057	1,252
3	1	0,072	-0,194	4,559
	2	0,487	-1,253	0,597
	4	0,047	0,011	1,512
	5	0,043	0,027	1,587
	6	0,021	0,144	1,738
	7	0,218	-0,307	1,346
	8	0,743	-0,724	1,015
	9	0,736	-1,182	0,835
	10	0,222	-0,568	2,449
	0 is ref	0,447	-0,427	0,967
4	1	0,227	-0,884	3,726
	2	0,004	-1,838	-0,341

Pairwise Comparisons^a

(I) Heidehoogveenstuifzand	(J) Heidehoogveenstuifzand	Mean Difference (I-J)	Std. Error	df
	3	-0,762 [*]	0,383	13043
	5	0,045	0,271	13027,304
	6	0,179	0,275	13043
	7	-0,242	0,292	13029,402
	8	-0,616	0,331	13043
	9	-0,935 [*]	0,423	13034,241
	10	0,179	0,711	12953,610
	0 is ref	-0,491 [*]	0,199	13043
	5	1	1,376	1,174	12834,748
2		-1,135 [*]	0,390	12682,901
3		-0,807 [*]	0,398	12947,223
4		-0,045	0,271	13027,304
6		0,134	0,271	13024,704
7		-0,287	0,303	12837,524
8		-0,661 [*]	0,337	13035,455
9		-0,980 [*]	0,429	13043
10		0,134	0,714	12985,887
0 is ref		-0,537 [*]	0,210	12750,980
6	1	1,241	1,164	12810,336
	2	-1,269 [*]	0,383	12835,898
	3	-0,941 [*]	0,407	12958,216
	4	-0,179	0,275	13043
	5	-0,134	0,271	13024,704
	7	-0,421	0,300	12968,340
	8	-0,795 [*]	0,325	13043
	9	-1,115 [*]	0,414	13026,206
	10	-0,001	0,704	12952,550
	0 is ref	-0,671 [*]	0,205	13019,407
7	1	1,663	1,176	12835,864
	2	-0,847 [*]	0,406	12744,047
	3	-0,520	0,422	12903,348
	4	0,242	0,292	13029,402
	5	0,287	0,303	12837,524
	6	0,421	0,300	12968,340
	8	-0,374	0,325	13043
	9	-0,693	0,419	13040,076
	10	0,421	0,707	12944,100
	0 is ref	-0,249	0,239	12829,473

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
	3	0,047	-1,512	-0,011
	5	0,868	-0,487	0,577
	6	0,514	-0,359	0,718
	7	0,407	-0,814	0,330
	8	0,063	-1,266	0,034
	9	0,027	-1,765	-0,106
	10	0,801	-1,215	1,573
	0 is ref	0,014	-0,882	-0,100
	5	1	0,241	-0,926	3,678
2		0,004	-1,899	-0,370
3		0,043	-1,587	-0,027
4		0,868	-0,577	0,487
6		0,620	-0,397	0,665
7		0,343	-0,881	0,307
8		0,050	-1,321	-0,001
9		0,022	-1,821	-0,140
10		0,851	-1,265	1,533
0 is ref		0,010	-0,947	-0,126
6	1	0,286	-1,041	3,524
	2	<0,001	-2,019	-0,519
	3	0,021	-1,738	-0,144
	4	0,514	-0,718	0,359
	5	0,620	-0,665	0,397
	7	0,160	-1,009	0,166
	8	0,014	-1,433	-0,158
	9	0,007	-1,926	-0,303
	10	0,999	-1,381	1,380
	0 is ref	0,001	-1,072	-0,270
7	1	0,157	-0,642	3,968
	2	0,037	-1,643	-0,052
	3	0,218	-1,346	0,307
	4	0,407	-0,330	0,814
	5	0,343	-0,307	0,881
	6	0,160	-0,166	1,009
	8	0,250	-1,010	0,263
	9	0,098	-1,514	0,128
	10	0,551	-0,964	1,806
	0 is ref	0,297	-0,718	0,219

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
8	1	2,037	1,177	12825,548
	2	-0,473	0,423	12962,784
	3	-0,146	0,443	13013,896
	4	0,616	0,331	13043
	5	0,661 [*]	0,337	13035,455
	6	0,795 [*]	0,325	13043
	7	0,374	0,325	13043
	9	-0,319	0,418	12945,990
	10	0,795	0,709	12921,450
	0 is ref	0,124	0,283	13043
	9	1	2,356 [*]	1,192	12808,675
2		-0,154	0,457	13043
3		0,174	0,515	13043
4		0,935 [*]	0,423	13034,241
5		0,980 [*]	0,429	13043
6		1,115 [*]	0,414	13026,206
7		0,693	0,419	13040,076
8		0,319	0,418	12945,990
10		1,114	0,712	12849,350
0 is ref		0,444	0,381	13020,862
10		1	1,242	1,309	12814,343
	2	-1,268	0,756	13022,528
	3	-0,940	0,770	13022,994
	4	-0,179	0,711	12953,610
	5	-0,134	0,714	12985,887
	6	0,001	0,704	12952,550
	7	-0,421	0,707	12944,100
	8	-0,795	0,709	12921,450
	9	-1,114	0,712	12849,350
	0 is ref	-0,670	0,686	12934,191
	0 is ref	1	1,912	1,157	12796,709
2		-0,598	0,334	12612,253
3		-0,270	0,355	12908,085
4		0,491 [*]	0,199	13043
5		0,537 [*]	0,210	12750,980
6		0,671 [*]	0,205	13019,407
7		0,249	0,239	12829,473
8		-0,124	0,283	13043
9		-0,444	0,381	13020,862
10		0,670	0,686	12934,191

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
8	1	0,084	-0,271	4,344
	2	0,263	-1,303	0,356
	3	0,743	-1,015	0,724
	4	0,063	-0,034	1,266
	5	0,050	0,001	1,321
	6	0,014	0,158	1,433
	7	0,250	-0,263	1,010
	9	0,445	-1,138	0,499
	10	0,262	-0,595	2,184
	0 is ref	0,661	-0,431	0,680
9	1	0,048	0,020	4,692
	2	0,736	-1,050	0,742
	3	0,736	-0,835	1,182
	4	0,027	0,106	1,765
	5	0,022	0,140	1,821
	6	0,007	0,303	1,926
	7	0,098	-0,128	1,514
	8	0,445	-0,499	1,138
	10	0,118	-0,282	2,510
	0 is ref	0,244	-0,302	1,190
10	1	0,343	-1,323	3,807
	2	0,093	-2,749	0,213
	3	0,222	-2,449	0,568
	4	0,801	-1,573	1,215
	5	0,851	-1,533	1,265
	6	0,999	-1,380	1,381
	7	0,551	-1,806	0,964
	8	0,262	-2,184	0,595
	9	0,118	-2,510	0,282
	0 is ref	0,329	-2,015	0,675
0 is ref	1	0,098	-0,356	4,181
	2	0,073	-1,252	0,057
	3	0,447	-0,967	0,427
	4	0,014	0,100	0,882
	5	0,010	0,126	0,947
	6	0,001	0,270	1,072
	7	0,297	-0,219	0,718
	8	0,661	-0,680	0,431
	9	0,244	-1,190	0,302
	10	0,329	-0,675	2,015

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: LonlinessRivm.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
5,E+18	0,000	3,106	0,000

The F tests the effect of Heidehoogveenenstuifzand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: LonlinessRivm.

Mixed Model Analysis

Warnings

A program error has occurred: Attempt to free unallocated memory. Please note the circumstances under which this error occurred, attempting to replicate it if possible, and then notify Technical Support.

This is an error from which the application cannot recover. The SPSS Statistics run will terminate now.

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: LonlinessRivm.

Information Criteria^a

-2 Log Likelihood	68785,281
Akaike's Information Criterion (AIC)	68849,281
Hurvich and Tsai's Criterion (AICC)	68849,443
Bozdogan's Criterion (CAIC)	69120,587
Schwarz's Bayesian Criterion (BIC)	69088,587

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
LonlinessRivm.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,561
	Conditional	0,753

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9626,516	603,726	<0,001
SmokingRIVM	1	12958,410	15009,195	0,000
ObesityRIVM	1	13043	1554,172	0,000
Heidehoogveenenstuifzand	10	12979,952	3,106	<0,001
Openagrarischgebied	3	12884,414	4,389	0,004
strand	3	13043	6,786	<0,001
Halfopenengeslotenagrarischgebied	2	12898,623	0,270	0,764
Duinen	4	12057,877	0,075	0,990
Bossen	3	12968,318	7,248	<0,001
Moeras	2	12859,239	2,228	0,108

a. Dependent Variable: LonlinessRivm.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0
	[Heidehoogveenenstuifzand =2]	0
	[Heidehoogveenenstuifzand =3]	0
	[Heidehoogveenenstuifzand =4]	0
	[Heidehoogveenenstuifzand =5]	0
	[Heidehoogveenenstuifzand =6]	0
	[Heidehoogveenenstuifzand =7]	0
	[Heidehoogveenenstuifzand =8]	0
	[Heidehoogveenenstuifzand =9]	0
	[Heidehoogveenenstuifzand =10]	0
	[Heidehoogveenenstuifzand =11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand =1]	0
	[Heidehoogveenestuifzand =2]	0
	[Heidehoogveenestuifzand =3]	0
	[Heidehoogveenestuifzand =4]	0
	[Heidehoogveenestuifzand =5]	0
	[Heidehoogveenestuifzand =6]	0
	[Heidehoogveenestuifzand =7]	0
	[Heidehoogveenestuifzand =8]	0
	[Heidehoogveenestuifzand =9]	0
	[Heidehoogveenestuifzand =10]	0
	[Heidehoogveenestuifzand =11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0	0	

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischedgebied=1]	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0
	[Openagrarischedgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrari shgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrari schgebied=1]	0	0
[Openagrari schgebied=2]	0	0
[Openagrari schgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	15,207227	0,368572	6136,447	41,260	0,000
SmokingRIVM	0,939641	0,007670	12958,410	122,512	0,000
ObesityRIVM	0,259129	0,006573	13043	39,423	0,000
[Heidehoogveenenstuifzand=1]	-1,912255	1,157192	12796,709	-1,652	0,098
[Heidehoogveenenstuifzand=2]	0,597890	0,333913	12612,253	1,791	0,073
[Heidehoogveenenstuifzand=3]	0,270084	0,355439	12908,085	0,760	0,447
[Heidehoogveenenstuifzand=4]	-0,491435	0,199468	13043	-2,464	0,014
[Heidehoogveenenstuifzand=5]	-0,536636	0,209589	12750,980	-2,560	0,010
[Heidehoogveenenstuifzand=6]	-0,670880	0,204621	13019,407	-3,279	0,001
[Heidehoogveenenstuifzand=7]	-0,249487	0,239246	12829,473	-1,043	0,297
[Heidehoogveenenstuifzand=8]	0,124446	0,283400	13043	0,439	0,661
[Heidehoogveenenstuifzand=9]	0,443792	0,380704	13020,862	1,166	0,244
[Heidehoogveenenstuifzand=10]	-0,670363	0,686197	12934,191	-0,977	0,329
[Heidehoogveenenstuifzand=11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	-0,238274	0,100665	12583,260	-2,367	0,018
[Openagrarischgebied=2]	-0,477091	0,136787	12332,394	-3,488	<0,001
[Openagrarischgebied=3]	-0,219919	0,209947	12920,771	-1,047	0,295
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	-1,641161	0,444777	13043	-3,690	<0,001
[strand=2]	-1,425686	0,485451	13043	-2,937	0,003
[strand=3]	-0,399452	0,374170	13043	-1,068	0,286
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarischgebied=1]	-0,005243	0,090438	12930,222	-0,058	0,954
[Halfopenengeslotenagrarischgebied=2]	-0,545635	0,742843	12865,652	-0,735	0,463
[Halfopenengeslotenagrarischgebied=3]	0 ^b	0	.	.	.
[Duinen=1]	0,080791	0,388033	12817,346	0,208	0,835
[Duinen=2]	0,100182	0,322972	11852,815	0,310	0,756
[Duinen=3]	-0,002868	0,634203	12626,268	-0,005	0,996
[Duinen=4]	-0,424804	1,177528	10640,310	-0,361	0,718
[Duinen=5]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	14,484698	15,929757
SmokingRIVM	0,924607	0,954675
ObesityRIVM	0,246245	0,272013
[Heidehoogveenestuifzand=1]	-4,180525	0,356014
[Heidehoogveenestuifzand=2]	-0,056631	1,252410
[Heidehoogveenestuifzand=3]	-0,426628	0,966797
[Heidehoogveenestuifzand=4]	-0,882421	-0,100448
[Heidehoogveenestuifzand=5]	-0,947462	-0,125811
[Heidehoogveenestuifzand=6]	-1,071968	-0,269793
[Heidehoogveenestuifzand=7]	-0,718445	0,219471
[Heidehoogveenestuifzand=8]	-0,431060	0,679952
[Heidehoogveenestuifzand=9]	-0,302444	1,190027
[Heidehoogveenestuifzand=10]	-2,015410	0,674685
[Heidehoogveenestuifzand=11]	.	.
[Openagrarisched=1]	-0,435593	-0,040955
[Openagrarisched=2]	-0,745215	-0,208966
[Openagrarisched=3]	-0,631446	0,191608
[Openagrarisched=4]	.	.
[strand=1]	-2,512990	-0,769333
[strand=2]	-2,377242	-0,474131
[strand=3]	-1,132879	0,333974
[strand=4]	.	.
[Halfopenengeslotenagrarisched=1]	-0,182515	0,172029
[Halfopenengeslotenagrarisched=2]	-2,001717	0,910448
[Halfopenengeslotenagrarisched=3]	.	.
[Duinen=1]	-0,679811	0,841394
[Duinen=2]	-0,532896	0,733260
[Duinen=3]	-1,246002	1,240265
[Duinen=4]	-2,732980	1,883372
[Duinen=5]	.	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Bossen=1]	0,444166	0,095562	12988,519	4,648	<0,001
[Bossen=2]	0,342110	0,136928	12969,315	2,498	0,012
[Bossen=3]	0,367662	0,200014	12925,993	1,838	0,066
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,377444	0,267264	12869,983	-1,412	0,158
[Moeras=2]	-0,153836	0,090360	12851,790	-1,702	0,089
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Bossen=1]	0,256850	0,631482
[Bossen=2]	0,073711	0,610508
[Bossen=3]	-0,024395	0,759720
[Bossen=4]	.	.
[Moeras=1]	-0,901321	0,146433
[Moeras=2]	-0,330954	0,023283
[Moeras=3]	.	.

a. Dependent Variable: LonlinessRivm.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		10,378160	0,130204	79,707	0,000	10,126076
Intercept [subject = MunicipalityRIVM]	Variance	8,056736	0,654894	12,302	<0,001	6,870194

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		10,636520
Intercept [subject = MunicipalityRIVM]	Variance	9,448204

a. Dependent Variable: LonlinessRivm.

Estimated Marginal Means

Openagrarischgebied

Contrast Coefficients

Parameter	Open agrarisch gebied			
	1	2	3	0 is ref
Fixed Effects Intercept	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499
[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091
[Open agrarisch gebied=1]	1	0	0	0
[Open agrarisch gebied=2]	0	1	0	0
[Open agrarisch gebied=3]	0	0	1	0
[Open agrarisch gebied=4]	0	0	0	1
[strand=1]	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250
[Halfopenengsloten agrarisch gebied=1]	0,333	0,333	0,333	0,333
[Halfopenengsloten agrarisch gebied=2]	0,333	0,333	0,333	0,333
[Halfopenengsloten agrarisch gebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	Openagrarischgebied			
	1	2	3	0 is ref
[Bossen=2]	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

Openagrarischgebied	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	42,252 ^b	0,464	7385,423	41,342	43,162
2	42,014 ^b	0,471	7598,314	41,090	42,937
3	42,271 ^b	0,482	7876,888	41,326	43,215
0 is ref	42,491 ^b	0,469	7413,550	41,571	43,410

a. Dependent Variable: LonlinessRivm.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Openagrarischgebied	(J) Openagrarischgebied	Mean Difference (I-J)	Std. Error	df
1	2	0,239 [*]	0,118	12978,358
	3	-0,018	0,198	13043
	0 is ref	-0,238 [*]	0,101	12583,260
2	1	-0,239 [*]	0,118	12978,358
	3	-0,257	0,187	13043
	0 is ref	-0,477 [*]	0,137	12332,394
3	1	0,018	0,198	13043
	2	0,257	0,187	13043
	0 is ref	-0,220	0,210	12920,771
0 is ref	1	0,238 [*]	0,101	12583,260
	2	0,477 [*]	0,137	12332,394
	3	0,220	0,210	12920,771

Pairwise Comparisons^a

(I) Openagrarisches Gebiet	(J) Openagrarisches Gebiet	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,044	0,007	0,471
	3	0,926	-0,406	0,369
	0 is ref	0,018	-0,436	-0,041
2	1	0,044	-0,471	-0,007
	3	0,169	-0,624	0,110
	0 is ref	<0,001	-0,745	-0,209
3	1	0,926	-0,369	0,406
	2	0,169	-0,110	0,624
	0 is ref	0,295	-0,631	0,192
0 is ref	1	0,018	0,041	0,436
	2	<0,001	0,209	0,745
	3	0,295	-0,192	0,631

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: LonlinessRivm.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	12820,298	4,389	0,004

The F tests the effect of Openagrarisches Gebiet. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: LonlinessRivm.

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Mixed Model Analysis

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Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: LonlinessRivm.

Information Criteria^a

-2 Log Likelihood	68785,281
Akaike's Information Criterion (AIC)	68849,281
Hurvich and Tsai's Criterion (AICC)	68849,443
Bozdogan's Criterion (CAIC)	69120,587
Schwarz's Bayesian Criterion (BIC)	69088,587

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
LonlinessRivm.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,561
	Conditional	0,753

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9626,516	603,726	<0,001
SmokingRIVM	1	12958,410	15009,195	0,000
ObesityRIVM	1	13043	1554,172	0,000
Heidehoogveenestuifzand	10	12979,952	3,106	<0,001
Openagrarischgebied	3	12884,414	4,389	0,004
strand	3	13043	6,786	<0,001
Halfopenengslotenagrarischgebied	2	12898,623	0,270	0,764
Duinen	4	12057,877	0,075	0,990
Bossen	3	12968,318	7,248	<0,001
Moeras	2	12859,239	2,228	0,108

a. Dependent Variable: LonlinessRivm.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250
	[Openagrarischgebied=3]	0,250
	[Openagrarischgebied=4]	0,250
	[strand=1]	0,250
	[strand=2]	0,250
	[strand=3]	0,250
	[strand=4]	0,250
	[Halfopenengeslotenagrarisch gebied=1]	0,333
	[Halfopenengeslotenagrarisch gebied=2]	0,333
	[Halfopenengeslotenagrarisch gebied=3]	0,333
	[Duinen=1]	0,200
	[Duinen=2]	0,200
	[Duinen=3]	0,200
	[Duinen=4]	0,200
	[Duinen=5]	0,200
	[Bossen=1]	0,250
	[Bossen=2]	0,250

Intercept

L1

[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0

SmokingRIVM

L2

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0

ObesityRIVM

L3

[Openagrarischgebied=4]	0
[strand=1]	0
[strand=2]	0
[strand=3]	0
[strand=4]	0
[Halfopenengeslotenagrarischgebied=1]	0
[Halfopenengeslotenagrarischgebied=2]	0
[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenstuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand =1]	1	0	0	0	0
	[Heidehoogveenstuifzand =2]	0	1	0	0	0
	[Heidehoogveenstuifzand =3]	0	0	1	0	0
	[Heidehoogveenstuifzand =4]	0	0	0	1	0
	[Heidehoogveenstuifzand =5]	0	0	0	0	1
	[Heidehoogveenstuifzand =6]	0	0	0	0	0
	[Heidehoogveenstuifzand =7]	0	0	0	0	0
	[Heidehoogveenstuifzand =8]	0	0	0	0	0
	[Heidehoogveenstuifzand =9]	0	0	0	0	0
	[Heidehoogveenstuifzand =10]	0	0	0	0	0
	[Heidehoogveenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

	L4	L5	L6	L7	L8
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenestuifzand

	L9	L10	L11	L12	L13
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

	L15	L16	L17
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenestuifzand =1]	0	0	0
[Heidehoogveenestuifzand =2]	0	0	0
[Heidehoogveenestuifzand =3]	0	0	0
[Heidehoogveenestuifzand =4]	0	0	0
[Heidehoogveenestuifzand =5]	0	0	0
[Heidehoogveenestuifzand =6]	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0
[Openagrarischgebied=1]	1	0	0
[Openagrarischgebied=2]	0	1	0
[Openagrarischgebied=3]	0	0	1
[Openagrarischgebied=4]	-1	-1	-1

Open agrarisch gebied

	L15	L16	L17
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengesloten agrarisch gebied=1]	0	0	0
[Halfopenengesloten agrarisch gebied=2]	0	0	0
[Halfopenengesloten agrarisch gebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

		L19	L20	L21
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischedgebied=1]	0	0	0
	[Openagrarischedgebied=2]	0	0	0
	[Openagrarischedgebied=3]	0	0	0
	[Openagrarischedgebied=4]	0	0	0
	[strand=1]	1	0	0
	[strand=2]	0	1	0
	[strand=3]	0	0	1
	[strand=4]	-1	-1	-1
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

strand

	L19	L20	L21
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1

Halfopenengeslotenagrarischgebied

	L23	L24
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L26	L27	L28	L29
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L31	L32	L33
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0

Bossen

	L31	L32	L33
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0

Moeras

	L35	L36
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	15,207227	0,368572	6136,447	41,260	0,000
SmokingRIVM	0,939641	0,007670	12958,410	122,512	0,000
ObesityRIVM	0,259129	0,006573	13043	39,423	0,000
[Heidehoogveenestuifzand=1]	-1,912255	1,157192	12796,709	-1,652	0,098
[Heidehoogveenestuifzand=2]	0,597890	0,333913	12612,253	1,791	0,073
[Heidehoogveenestuifzand=3]	0,270084	0,355439	12908,085	0,760	0,447
[Heidehoogveenestuifzand=4]	-0,491435	0,199468	13043	-2,464	0,014
[Heidehoogveenestuifzand=5]	-0,536636	0,209589	12750,980	-2,560	0,010
[Heidehoogveenestuifzand=6]	-0,670880	0,204621	13019,407	-3,279	0,001
[Heidehoogveenestuifzand=7]	-0,249487	0,239246	12829,473	-1,043	0,297
[Heidehoogveenestuifzand=8]	0,124446	0,283400	13043	0,439	0,661
[Heidehoogveenestuifzand=9]	0,443792	0,380704	13020,862	1,166	0,244
[Heidehoogveenestuifzand=10]	-0,670363	0,686197	12934,191	-0,977	0,329
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	-0,238274	0,100665	12583,260	-2,367	0,018

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	14,484698	15,929757
SmokingRIVM	0,924607	0,954675
ObesityRIVM	0,246245	0,272013
[Heidehoogveenenstuifzand =1]	-4,180525	0,356014
[Heidehoogveenenstuifzand =2]	-0,056631	1,252410
[Heidehoogveenenstuifzand =3]	-0,426628	0,966797
[Heidehoogveenenstuifzand =4]	-0,882421	-0,100448
[Heidehoogveenenstuifzand =5]	-0,947462	-0,125811
[Heidehoogveenenstuifzand =6]	-1,071968	-0,269793
[Heidehoogveenenstuifzand =7]	-0,718445	0,219471
[Heidehoogveenenstuifzand =8]	-0,431060	0,679952
[Heidehoogveenenstuifzand =9]	-0,302444	1,190027
[Heidehoogveenenstuifzand =10]	-2,015410	0,674685
[Heidehoogveenenstuifzand =11]	.	.
[Openagrarischgebied=1]	-0,435593	-0,040955

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Openagrarischgebiet=2]	-0,477091	0,136787	12332,394	-3,488	<0,001
[Openagrarischgebiet=3]	-0,219919	0,209947	12920,771	-1,047	0,295
[Openagrarischgebiet=4]	0 ^b	0	.	.	.
[strand=1]	-1,641161	0,444777	13043	-3,690	<0,001
[strand=2]	-1,425686	0,485451	13043	-2,937	0,003
[strand=3]	-0,399452	0,374170	13043	-1,068	0,286
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisc hgebiet=1]	-0,005243	0,090438	12930,222	-0,058	0,954
[Halfopenengeslotenagrarisc hgebiet=2]	-0,545635	0,742843	12865,652	-0,735	0,463
[Halfopenengeslotenagrarisc hgebiet=3]	0 ^b	0	.	.	.
[Duinen=1]	0,080791	0,388033	12817,346	0,208	0,835
[Duinen=2]	0,100182	0,322972	11852,815	0,310	0,756
[Duinen=3]	-0,002868	0,634203	12626,268	-0,005	0,996
[Duinen=4]	-0,424804	1,177528	10640,310	-0,361	0,718
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	0,444166	0,095562	12988,519	4,648	<0,001
[Bossen=2]	0,342110	0,136928	12969,315	2,498	0,012
[Bossen=3]	0,367662	0,200014	12925,993	1,838	0,066
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,377444	0,267264	12869,983	-1,412	0,158
[Moeras=2]	-0,153836	0,090360	12851,790	-1,702	0,089
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Openagrarischgebied=2]	-0,745215	-0,208966
[Openagrarischgebied=3]	-0,631446	0,191608
[Openagrarischgebied=4]	.	.
[strand=1]	-2,512990	-0,769333
[strand=2]	-2,377242	-0,474131
[strand=3]	-1,132879	0,333974
[strand=4]	.	.
[Halfopenengeslotenagrarischgebied=1]	-0,182515	0,172029
[Halfopenengeslotenagrarischgebied=2]	-2,001717	0,910448
[Halfopenengeslotenagrarischgebied=3]	.	.
[Duinen=1]	-0,679811	0,841394
[Duinen=2]	-0,532896	0,733260
[Duinen=3]	-1,246002	1,240265
[Duinen=4]	-2,732980	1,883372
[Duinen=5]	.	.
[Bossen=1]	0,256850	0,631482
[Bossen=2]	0,073711	0,610508
[Bossen=3]	-0,024395	0,759720
[Bossen=4]	.	.
[Moeras=1]	-0,901321	0,146433
[Moeras=2]	-0,330954	0,023283
[Moeras=3]	.	.

a. Dependent Variable: LonlinessRivm.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ...
						Lower Bound
Residual		10,378160	0,130204	79,707	0,000	10,126076
Intercept [subject = MunicipalityRIVM]	Variance	8,056736	0,654894	12,302	<0,001	6,870194

Estimates of Covariance Parameters^a

Parameter	95% ...	
	Upper Bound	
Residual	10,636520	
Intercept [subject = MunicipalityRIVM]	Variance	9,448204

a. Dependent Variable: LonlinessRivm.

Estimated Marginal Means

strand

Contrast Coefficients

Parameter	strand				
	1	2	3	0 is ref	
Fixed Effects Intercept	1	1	1	1	
SmokingRIVM	16,461	16,461	16,461	16,461	
ObesityRIVM	50,499	50,499	50,499	50,499	
[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091	
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	
[strand=1]	1	0	0	0	
[strand=2]	0	1	0	0	
[strand=3]	0	0	1	0	
[strand=4]	0	0	0	1	

Contrast Coefficients

Parameter	strand			
	1	2	3	0 is ref
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

strand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	41,482 ^b	0,630	11022,350	40,247	42,718
2	41,698 ^b	0,595	9588,788	40,532	42,863
3	42,724 ^b	0,527	9224,068	41,692	43,756
0 is ref	43,123 ^b	0,469	7474,199	42,205	44,042

a. Dependent Variable: LonlinessRivm.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) strand	(J) strand	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ^c ...
						Lower Bound
1	2	-0,215	0,623	13043	0,729	-1,436
	3	-1,242*	0,559	13043	0,026	-2,338
	0 is ref	-1,641*	0,445	13043	<0,001	-2,513
2	1	0,215	0,623	13043	0,729	-1,005
	3	-1,026	0,566	13043	0,070	-2,136
	0 is ref	-1,426*	0,485	13043	0,003	-2,377
3	1	1,242*	0,559	13043	0,026	0,146
	2	1,026	0,566	13043	0,070	-0,083
	0 is ref	-0,399	0,374	13043	0,286	-1,133
0 is ref	1	1,641*	0,445	13043	<0,001	0,769
	2	1,426*	0,485	13043	0,003	0,474
	3	0,399	0,374	13043	0,286	-0,334

Pairwise Comparisons^a

(I) strand	(J) strand	95% Confidence Interval for ^c ...
		Upper Bound
1	2	1,005
	3	-0,146
	0 is ref	-0,769
2	1	1,436
	3	0,083
	0 is ref	-0,474
3	1	2,338
	2	2,136
	0 is ref	0,334
0 is ref	1	2,513
	2	2,377
	3	1,133

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: LonlinessRivm.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	13043	6,786	<0,001

The F tests the effect of strand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: LonlinessRivm.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:24:36.

Mixed Model Analysis

Warnings

A program error has occurred: Attempt to free unallocated memory. Please note the circumstances under which this error occurred, attempting to replicate it if possible, and then notify Technical Support.
This is an error from which the application cannot recover.
The SPSS Statistics run will terminate now.

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: LonlinessRivm.

Information Criteria^a

-2 Log Likelihood	68785,281
Akaike's Information Criterion (AIC)	68849,281
Hurvich and Tsai's Criterion (AICC)	68849,443
Bozdogan's Criterion (CAIC)	69120,587
Schwarz's Bayesian Criterion (BIC)	69088,587

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
LonlinessRivm.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,561
	Conditional	0,753

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9626,516	603,726	<0,001
SmokingRIVM	1	12958,410	15009,195	0,000
ObesityRIVM	1	13043	1554,172	0,000
Heidehoogveenenstuifzand	10	12979,952	3,106	<0,001
Openagrarisched gebied	3	12884,414	4,389	0,004
strand	3	13043	6,786	<0,001
Halfopenengeslotenagrarisched gebied	2	12898,623	0,270	0,764
Duinen	4	12057,877	0,075	0,990
Bossen	3	12968,318	7,248	<0,001
Moeras	2	12859,239	2,228	0,108

a. Dependent Variable: LonlinessRivm.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarisched gebied=1]	0,250
	[Openagrarisched gebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagraris chgebied=1]	0,333
[Halfopenengeslotenagraris chgebied=2]	0,333
[Halfopenengeslotenagraris chgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0
	[Heidehoogveenenstuifzand =2]	0
	[Heidehoogveenenstuifzand =3]	0
	[Heidehoogveenenstuifzand =4]	0
	[Heidehoogveenenstuifzand =5]	0
	[Heidehoogveenenstuifzand =6]	0
	[Heidehoogveenenstuifzand =7]	0
	[Heidehoogveenenstuifzand =8]	0
	[Heidehoogveenenstuifzand =9]	0
	[Heidehoogveenenstuifzand =10]	0
	[Heidehoogveenenstuifzand =11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagraris chgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

**Halfopenengeslotenagraris
chgebied**

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand =1]	0	0
[Heidehoogveenestuifzand =2]	0	0
[Heidehoogveenestuifzand =3]	0	0
[Heidehoogveenestuifzand =4]	0	0
[Heidehoogveenestuifzand =5]	0	0
[Heidehoogveenestuifzand =6]	0	0
[Heidehoogveenestuifzand =7]	0	0
[Heidehoogveenestuifzand =8]	0	0
[Heidehoogveenestuifzand =9]	0	0
[Heidehoogveenestuifzand =10]	0	0
[Heidehoogveenestuifzand =11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischgebied=1]	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrari shgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrari schgebied=1]	0	0
[Openagrari schgebied=2]	0	0
[Openagrari schgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	15,207227	0,368572	6136,447	41,260	0,000
SmokingRIVM	0,939641	0,007670	12958,410	122,512	0,000
ObesityRIVM	0,259129	0,006573	13043	39,423	0,000
[Heidehoogveenestuifzand=1]	-1,912255	1,157192	12796,709	-1,652	0,098
[Heidehoogveenestuifzand=2]	0,597890	0,333913	12612,253	1,791	0,073
[Heidehoogveenestuifzand=3]	0,270084	0,355439	12908,085	0,760	0,447
[Heidehoogveenestuifzand=4]	-0,491435	0,199468	13043	-2,464	0,014
[Heidehoogveenestuifzand=5]	-0,536636	0,209589	12750,980	-2,560	0,010
[Heidehoogveenestuifzand=6]	-0,670880	0,204621	13019,407	-3,279	0,001
[Heidehoogveenestuifzand=7]	-0,249487	0,239246	12829,473	-1,043	0,297
[Heidehoogveenestuifzand=8]	0,124446	0,283400	13043	0,439	0,661
[Heidehoogveenestuifzand=9]	0,443792	0,380704	13020,862	1,166	0,244
[Heidehoogveenestuifzand=10]	-0,670363	0,686197	12934,191	-0,977	0,329
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	-0,238274	0,100665	12583,260	-2,367	0,018
[Openagrarischgebied=2]	-0,477091	0,136787	12332,394	-3,488	<0,001
[Openagrarischgebied=3]	-0,219919	0,209947	12920,771	-1,047	0,295
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	-1,641161	0,444777	13043	-3,690	<0,001
[strand=2]	-1,425686	0,485451	13043	-2,937	0,003
[strand=3]	-0,399452	0,374170	13043	-1,068	0,286
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarischgebied=1]	-0,005243	0,090438	12930,222	-0,058	0,954
[Halfopenengeslotenagrarischgebied=2]	-0,545635	0,742843	12865,652	-0,735	0,463
[Halfopenengeslotenagrarischgebied=3]	0 ^b	0	.	.	.
[Duinen=1]	0,080791	0,388033	12817,346	0,208	0,835
[Duinen=2]	0,100182	0,322972	11852,815	0,310	0,756
[Duinen=3]	-0,002868	0,634203	12626,268	-0,005	0,996
[Duinen=4]	-0,424804	1,177528	10640,310	-0,361	0,718
[Duinen=5]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	14,484698	15,929757
SmokingRIVM	0,924607	0,954675
ObesityRIVM	0,246245	0,272013
[Heidehoogveenestuifzand=1]	-4,180525	0,356014
[Heidehoogveenestuifzand=2]	-0,056631	1,252410
[Heidehoogveenestuifzand=3]	-0,426628	0,966797
[Heidehoogveenestuifzand=4]	-0,882421	-0,100448
[Heidehoogveenestuifzand=5]	-0,947462	-0,125811
[Heidehoogveenestuifzand=6]	-1,071968	-0,269793
[Heidehoogveenestuifzand=7]	-0,718445	0,219471
[Heidehoogveenestuifzand=8]	-0,431060	0,679952
[Heidehoogveenestuifzand=9]	-0,302444	1,190027
[Heidehoogveenestuifzand=10]	-2,015410	0,674685
[Heidehoogveenestuifzand=11]	.	.
[Openagrarischedgebied=1]	-0,435593	-0,040955
[Openagrarischedgebied=2]	-0,745215	-0,208966
[Openagrarischedgebied=3]	-0,631446	0,191608
[Openagrarischedgebied=4]	.	.
[strand=1]	-2,512990	-0,769333
[strand=2]	-2,377242	-0,474131
[strand=3]	-1,132879	0,333974
[strand=4]	.	.
[Halfopenengeslotenagrarischedgebied=1]	-0,182515	0,172029
[Halfopenengeslotenagrarischedgebied=2]	-2,001717	0,910448
[Halfopenengeslotenagrarischedgebied=3]	.	.
[Duinen=1]	-0,679811	0,841394
[Duinen=2]	-0,532896	0,733260
[Duinen=3]	-1,246002	1,240265
[Duinen=4]	-2,732980	1,883372
[Duinen=5]	.	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Bossen=1]	0,444166	0,095562	12988,519	4,648	<0,001
[Bossen=2]	0,342110	0,136928	12969,315	2,498	0,012
[Bossen=3]	0,367662	0,200014	12925,993	1,838	0,066
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,377444	0,267264	12869,983	-1,412	0,158
[Moeras=2]	-0,153836	0,090360	12851,790	-1,702	0,089
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Bossen=1]	0,256850	0,631482
[Bossen=2]	0,073711	0,610508
[Bossen=3]	-0,024395	0,759720
[Bossen=4]	.	.
[Moeras=1]	-0,901321	0,146433
[Moeras=2]	-0,330954	0,023283
[Moeras=3]	.	.

a. Dependent Variable: LonlinessRivm.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		10,378160	0,130204	79,707	0,000	10,126076
Intercept [subject = MunicipalityRIVM]	Variance	8,056736	0,654894	12,302	<0,001	6,870194

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		10,636520
Intercept [subject = MunicipalityRIVM]	Variance	9,448204

a. Dependent Variable: LonlinessRivm.

Estimated Marginal Means

Bossen

Contrast Coefficients

Parameter	Bossen			
	1	2	3	0 is ref
Fixed Effects Intercept	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499
[Heidehoogveenenstuifzand=1]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=2]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=3]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=4]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=5]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=6]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=7]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=8]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=9]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=10]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=11]	0,091	0,091	0,091	0,091
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	1	0	0	0

Contrast Coefficients

Parameter	Bossen			0 is ref
	1	2	3	
[Bossen=2]	0	1	0	0
[Bossen=3]	0	0	1	0
[Bossen=4]	0	0	0	1
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

Bossen	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	42,413 ^b	0,469	7482,309	41,493	43,332
2	42,311 ^b	0,463	7353,781	41,402	43,219
3	42,336 ^b	0,478	7790,654	41,399	43,273
0 is ref	41,968 ^b	0,475	7612,958	41,037	42,899

a. Dependent Variable: LonlinessRivm.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Bossen	(J) Bossen	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ...
						Lower Bound
1	2	0,102	0,124	12968,098	0,411	-0,141
	3	0,077	0,190	12934,894	0,687	-0,296
	0 is ref	0,444 [*]	0,096	12988,519	<0,001	0,257
2	1	-0,102	0,124	12968,098	0,411	-0,345
	3	-0,026	0,197	13019,950	0,897	-0,411
	0 is ref	0,342 [*]	0,137	12969,315	0,012	0,074
3	1	-0,077	0,190	12934,894	0,687	-0,449
	2	0,026	0,197	13019,950	0,897	-0,360
	0 is ref	0,368	0,200	12925,993	0,066	-0,024
0 is ref	1	-0,444 [*]	0,096	12988,519	<0,001	-0,631
	2	-0,342 [*]	0,137	12969,315	0,012	-0,611
	3	-0,368	0,200	12925,993	0,066	-0,760

Pairwise Comparisons^a

(I) Bossen	(J) Bossen	95% Confidence Interval for \bar{C}
		Upper Bound
1	2	0,345
	3	0,449
	0 is ref	0,631
2	1	0,141
	3	0,360
	0 is ref	0,611
3	1	0,296
	2	0,411
	0 is ref	0,760
0 is ref	1	-0,257
	2	-0,074
	3	0,024

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: LonlinessRivm.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	12970,931	7,248	<0,001

The F tests the effect of Bossen. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: LonlinessRivm.

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Mixed Model Analysis

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Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: LonlinessServereRIVM.

Information Criteria^a

-2 Log Likelihood	49288,433
Akaike's Information Criterion (AIC)	49352,433
Hurvich and Tsai's Criterion (AICC)	49352,595
Bozdogan's Criterion (CAIC)	49623,739
Schwarz's Bayesian Criterion (BIC)	49591,739

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
LonlinessServereRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,623
	Conditional	0,805

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9286,338	684,906	<0,001
SmokingRIVM	1	12931,697	21437,490	0,000
ObesityRIVM	1	13017,642	2011,558	0,000
Heidehoogveenestuifzand	10	13009,704	2,714	0,002
Openagrarischesgebied	3	12981,728	4,540	0,003
strand	3	13043	10,053	<0,001
Halfopenengslotenagrarischesgebied	2	12930,701	0,447	0,640
Duinen	4	12386,485	0,880	0,475
Bossen	3	13037,066	7,897	<0,001
Moeras	2	12976,928	2,180	0,113

a. Dependent Variable: LonlinessServereRIVM.

Type III Estimable Functions

Intercept

L1

Fixed Effects		L1
Intercept		1
SmokingRIVM		0
ObesityRIVM		0
[Heidehoogveenenstuifzand =1]		0,091
[Heidehoogveenenstuifzand =2]		0,091
[Heidehoogveenenstuifzand =3]		0,091
[Heidehoogveenenstuifzand =4]		0,091
[Heidehoogveenenstuifzand =5]		0,091
[Heidehoogveenenstuifzand =6]		0,091
[Heidehoogveenenstuifzand =7]		0,091
[Heidehoogveenenstuifzand =8]		0,091
[Heidehoogveenenstuifzand =9]		0,091
[Heidehoogveenenstuifzand =10]		0,091
[Heidehoogveenenstuifzand =11]		0,091
[Openagrarischedgebied=1]		0,250
[Openagrarischedgebied=2]		0,250
[Openagrarischedgebied=3]		0,250
[Openagrarischedgebied=4]		0,250
[strand=1]		0,250
[strand=2]		0,250
[strand=3]		0,250
[strand=4]		0,250
[Halfopenengeslotenagrarischedgebied=1]		0,333
[Halfopenengeslotenagrarischedgebied=2]		0,333
[Halfopenengeslotenagrarischedgebied=3]		0,333
[Duinen=1]		0,200
[Duinen=2]		0,200
[Duinen=3]		0,200
[Duinen=4]		0,200
[Duinen=5]		0,200
[Bossen=1]		0,250
[Bossen=2]		0,250

Intercept

L1

[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

SmokingRIVM

L2

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0

ObesityRIVM

L3

[Openagrarischgebied=4]	0
[strand=1]	0
[strand=2]	0
[strand=3]	0
[strand=4]	0
[Halfopenengeslotenagrarischgebied=1]	0
[Halfopenengeslotenagrarischgebied=2]	0
[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenstuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand =1]	1	0	0	0	0
	[Heidehoogveenstuifzand =2]	0	1	0	0	0
	[Heidehoogveenstuifzand =3]	0	0	1	0	0
	[Heidehoogveenstuifzand =4]	0	0	0	1	0
	[Heidehoogveenstuifzand =5]	0	0	0	0	1
	[Heidehoogveenstuifzand =6]	0	0	0	0	0
	[Heidehoogveenstuifzand =7]	0	0	0	0	0
	[Heidehoogveenstuifzand =8]	0	0	0	0	0
	[Heidehoogveenstuifzand =9]	0	0	0	0	0
	[Heidehoogveenstuifzand =10]	0	0	0	0	0
	[Heidehoogveenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

	L4	L5	L6	L7	L8
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenestuifzand

	L9	L10	L11	L12	L13
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

	L15	L16	L17
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenestuifzand =1]	0	0	0
[Heidehoogveenestuifzand =2]	0	0	0
[Heidehoogveenestuifzand =3]	0	0	0
[Heidehoogveenestuifzand =4]	0	0	0
[Heidehoogveenestuifzand =5]	0	0	0
[Heidehoogveenestuifzand =6]	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0
[Openagrarischgebied=1]	1	0	0
[Openagrarischgebied=2]	0	1	0
[Openagrarischgebied=3]	0	0	1
[Openagrarischgebied=4]	-1	-1	-1

Open agrarisch gebied

	L15	L16	L17
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengesloten agrarisch gebied=1]	0	0	0
[Halfopenengesloten agrarisch gebied=2]	0	0	0
[Halfopenengesloten agrarisch gebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

		L19	L20	L21
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischedgebied=1]	0	0	0
	[Openagrarischedgebied=2]	0	0	0
	[Openagrarischedgebied=3]	0	0	0
	[Openagrarischedgebied=4]	0	0	0
	[strand=1]	1	0	0
	[strand=2]	0	1	0
	[strand=3]	0	0	1
	[strand=4]	-1	-1	-1
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

strand

	L19	L20	L21
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischedgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	1	0
[Halfopenengeslotenagrarischedgebied=2]	0	1

Halfopenengeslotenagrarischgebied

	L23	L24
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L26	L27	L28	L29
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L31	L32	L33
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0

Bossen

	L31	L32	L33
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0

Moeras

	L35	L36
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-6,331398	0,177554	5350,235	-35,659	<0,001	-6,679477
SmokingRIVM	0,532028	0,003634	12931,697	146,415	0,000	0,524906
ObesityRIVM	0,139750	0,003116	13017,642	44,850	0,000	0,133642
[Heidehoogveenestuifzand=1]	-0,799441	0,547874	12784,414	-1,459	0,145	-1,873355
[Heidehoogveenestuifzand=2]	-0,041677	0,158761	12833,805	-0,263	0,793	-0,352872
[Heidehoogveenestuifzand=3]	-0,008296	0,168834	13004,548	-0,049	0,961	-0,339234
[Heidehoogveenestuifzand=4]	-0,216884	0,094631	13043	-2,292	0,022	-0,402374
[Heidehoogveenestuifzand=5]	-0,173796	0,099612	12910,728	-1,745	0,081	-0,369051
[Heidehoogveenestuifzand=6]	-0,365887	0,097136	13043	-3,767	<0,001	-0,556287
[Heidehoogveenestuifzand=7]	0,111608	0,113676	12961,667	0,982	0,326	-0,111215
[Heidehoogveenestuifzand=8]	0,071233	0,134479	13043	0,530	0,596	-0,192365
[Heidehoogveenestuifzand=9]	0,164696	0,180433	12990,978	0,913	0,361	-0,188979
[Heidehoogveenestuifzand=10]	-0,291698	0,325056	12905,523	-0,897	0,370	-0,928856
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.	.
[Openagrarischgebied=1]	-0,117682	0,047867	12804,094	-2,459	0,014	-0,211508

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
Intercept	-5,983320
SmokingRIVM	0,539151
ObesityRIVM	0,145858
[Heidehoogveenenstuifzand =1]	0,274474
[Heidehoogveenenstuifzand =2]	0,269519
[Heidehoogveenenstuifzand =3]	0,322643
[Heidehoogveenenstuifzand =4]	-0,031395
[Heidehoogveenenstuifzand =5]	0,021459
[Heidehoogveenenstuifzand =6]	-0,175488
[Heidehoogveenenstuifzand =7]	0,334431
[Heidehoogveenenstuifzand =8]	0,334831
[Heidehoogveenenstuifzand =9]	0,518372
[Heidehoogveenenstuifzand =10]	0,345459
[Heidehoogveenenstuifzand =11]	.
[Openagrarischedgebied=1]	-0,023856

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Openagrarischgebiet=2]	-0,236370	0,065082	12633,332	-3,632	<0,001	-0,363941
[Openagrarischgebiet=3]	-0,158812	0,099719	13013,532	-1,593	0,111	-0,354275
[Openagrarischgebiet=4]	0 ^b	0	.	.	.	.
[strand=1]	-0,982096	0,210858	13024,508	-4,658	<0,001	-1,395409
[strand=2]	-0,664687	0,230276	13043	-2,886	0,004	-1,116062
[strand=3]	-0,410453	0,177543	13043	-2,312	0,021	-0,758463
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengeslotenagrarisc hgebiet=1]	0,012455	0,042954	13017,537	0,290	0,772	-0,071741
[Halfopenengeslotenagrarisc hgebiet=2]	-0,308593	0,351787	12844,171	-0,877	0,380	-0,998148
[Halfopenengeslotenagrarisc hgebiet=3]	0 ^b	0	.	.	.	.
[Duinen=1]	-0,173186	0,184380	12954,908	-0,939	0,348	-0,534597
[Duinen=2]	0,029567	0,153812	12306,384	0,192	0,848	-0,271928
[Duinen=3]	0,350883	0,301574	12759,930	1,164	0,245	-0,240246
[Duinen=4]	0,678570	0,561949	11288,848	1,208	0,227	-0,422947
[Duinen=5]	0 ^b	0	.	.	.	.
[Bossen=1]	0,219873	0,045373	13043	4,846	<0,001	0,130935
[Bossen=2]	0,147376	0,065021	13039,044	2,267	0,023	0,019926
[Bossen=3]	0,116266	0,094998	13017,623	1,224	0,221	-0,069944
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	-0,117764	0,126971	12982,425	-0,927	0,354	-0,366645
[Moeras=2]	-0,083904	0,042931	12973,473	-1,954	0,051	-0,168055
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
[Openagrarischgebied=2]	-0,108799
[Openagrarischgebied=3]	0,036651
[Openagrarischgebied=4]	.
[strand=1]	-0,568784
[strand=2]	-0,213312
[strand=3]	-0,062444
[strand=4]	.
[Halfopenengeslotenagrarischgebied=1]	0,096651
[Halfopenengeslotenagrarischgebied=2]	0,380962
[Halfopenengeslotenagrarischgebied=3]	.
[Duinen=1]	0,188225
[Duinen=2]	0,331062
[Duinen=3]	0,942013
[Duinen=4]	1,780087
[Duinen=5]	.
[Bossen=1]	0,308811
[Bossen=2]	0,274826
[Bossen=3]	0,302476
[Bossen=4]	.
[Moeras=1]	0,131118
[Moeras=2]	0,000246
[Moeras=3]	.

a. Dependent Variable: LonlinessServereRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ...
						Lower Bound
Residual		2,324991	0,029168	79,709	0,000	2,268519
Intercept [subject = MunicipalityRIVM]	Variance	2,160395	0,173717	12,436	<0,001	1,845390

Estimates of Covariance Parameters^a

Parameter		95% ...
		Upper Bound
Residual		2,382868
Intercept [subject = MunicipalityRIVM]	Variance	2,529171

a. Dependent Variable: LonlinessServereRIVM.

Estimated Marginal Means

Heidehoogveenenstuifzand

Contrast Coefficients

Parameter		Heidehoogveenenstuifzand				
		1	2	3	4	5
Fixed Effects	Intercept	1	1	1	1	1
	SmokingRIVM	16,461	16,461	16,461	16,461	16,461
	ObesityRIVM	50,499	50,499	50,499	50,499	50,499
	[Heidehoogveenenstuifzand =1]	1	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	1	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	1	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	1	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	1
	[Heidehoogveenenstuifzand =6]	0	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	0	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	0	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	0	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	0
	[Heidehoogveenenstuifzand =11]	0	0	0	0	0
	[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250	0,250	
[strand=4]	0,250	0,250	0,250	0,250	0,250	

Contrast Coefficients

Parameter		Heidehoogveenenstuifzand				
		6	7	8	9	10
Fixed Effects	Intercept	1	1	1	1	1
	SmokingRIVM	16,461	16,461	16,461	16,461	16,461
	ObesityRIVM	50,499	50,499	50,499	50,499	50,499
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	0	0	0	0	0
	[Openagrarischedgebied=1]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischedgebied=2]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischedgebied=3]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischedgebied=4]	0,250	0,250	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250	0,250	0,250
	[strand=3]	0,250	0,250	0,250	0,250	0,250
	[strand=4]	0,250	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	Heidehoogv.. 0 is ref
Fixed Effects Intercept	1
SmokingRIVM	16,461
ObesityRIVM	50,499
[Heidehoogveenenstuifzand =1]	0
[Heidehoogveenenstuifzand =2]	0
[Heidehoogveenenstuifzand =3]	0
[Heidehoogveenenstuifzand =4]	0
[Heidehoogveenenstuifzand =5]	0
[Heidehoogveenenstuifzand =6]	0
[Heidehoogveenenstuifzand =7]	0
[Heidehoogveenenstuifzand =8]	0
[Heidehoogveenenstuifzand =9]	0
[Heidehoogveenenstuifzand =10]	0
[Heidehoogveenenstuifzand =11]	1
[Openagrarisched gebied=1]	0,250
[Openagrarisched gebied=2]	0,250
[Openagrarisched gebied=3]	0,250
[Openagrarisched gebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	1	2	3	4	5
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	6	7	8	9	10
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogv..
	0 is ref
[Halfopenengeslotenagraris hgebied=1]	0,333
[Halfopenengeslotenagraris hgebied=2]	0,333
[Halfopenengeslotenagraris hgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

Estimates^a

Heidehoogveenstuifzand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	8,174 ^b	0,581	13043	7,034	9,313
2	8,931 ^b	0,262	8666,941	8,417	9,446
3	8,965 ^b	0,275	9188,975	8,426	9,504
4	8,756 ^b	0,232	7468,845	8,301	9,211
5	8,799 ^b	0,232	7358,718	8,345	9,253
6	8,607 ^b	0,227	7155,023	8,162	9,052
7	9,085 ^b	0,237	7625,186	8,621	9,549
8	9,044 ^b	0,245	8213,714	8,563	9,525
9	9,138 ^b	0,271	9604,607	8,606	9,669
10	8,681 ^b	0,384	12369,244	7,929	9,434
0 is ref	8,973 ^b	0,210	6139,825	8,561	9,385

a. Dependent Variable: LonlinessServereRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Heidehoogveenstuifzand	(J) Heidehoogveenstuifzand	Mean Difference (I-J)	Std. Error	df
1	2	-0,758	0,572	12876,392
	3	-0,791	0,574	12857,629
	4	-0,583	0,557	12810,571
	5	-0,626	0,556	12818,256
	6	-0,434	0,551	12796,586
	7	-0,911	0,557	12819,183
	8	-0,871	0,557	12809,954
	9	-0,964	0,564	12794,957
	10	-0,508	0,620	12799,412
	0 is ref	-0,799	0,548	12784,414
	2	1	0,758	0,572	12876,392
3		-0,033	0,224	13003,642
4		0,175	0,181	12964,443
5		0,132	0,185	12876,623
6		0,324	0,182	12968,274
7		-0,153	0,193	12914,926
8		-0,113	0,201	13037,057
9		-0,206	0,217	13043
10		0,250	0,358	12992,636
0 is ref		-0,042	0,159	12833,805
3		1	0,791	0,574	12857,629
	2	0,033	0,224	13003,642
	4	0,209	0,182	13043
	5	0,166	0,189	13025,685
	6	0,358	0,193	13032,007
	7	-0,120	0,200	13002,666
	8	-0,080	0,211	13043
	9	-0,173	0,244	13043
	10	0,283	0,365	12994,075
	0 is ref	-0,008	0,169	13004,548
	4	1	0,583	0,557	12810,571
2		-0,175	0,181	12964,443
3		-0,209	0,182	13043
5		-0,043	0,129	13043
6		0,149	0,130	13043
7		-0,328 [*]	0,138	13043
8		-0,288	0,157	13043
9		-0,382	0,201	13005,362
10		0,075	0,337	12923,725
0 is ref		-0,217 [*]	0,095	13043

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,185	-1,879	0,363
	3	0,168	-1,917	0,334
	4	0,295	-1,674	0,509
	5	0,261	-1,716	0,464
	6	0,432	-1,514	0,647
	7	0,102	-2,003	0,180
	8	0,118	-1,963	0,222
	9	0,088	-2,070	0,142
	10	0,413	-1,722	0,707
	0 is ref	0,145	-1,873	0,274
	2	1	0,185	-0,363	1,879
3		0,882	-0,473	0,406
4		0,334	-0,180	0,531
5		0,476	-0,231	0,496
6		0,075	-0,032	0,681
7		0,427	-0,531	0,225
8		0,574	-0,507	0,281
9		0,341	-0,631	0,218
10		0,485	-0,452	0,952
0 is ref		0,793	-0,353	0,270
3		1	0,168	-0,334	1,917
	2	0,882	-0,406	0,473
	4	0,251	-0,147	0,565
	5	0,381	-0,205	0,536
	6	0,064	-0,021	0,736
	7	0,549	-0,512	0,273
	8	0,706	-0,492	0,333
	9	0,478	-0,651	0,305
	10	0,437	-0,432	0,999
	0 is ref	0,961	-0,339	0,323
	4	1	0,295	-0,509	1,674
2		0,334	-0,531	0,180
3		0,251	-0,565	0,147
5		0,738	-0,295	0,209
6		0,253	-0,106	0,404
7		0,018	-0,600	-0,057
8		0,067	-0,596	0,020
9		0,057	-0,775	0,012
10		0,824	-0,586	0,735
0 is ref		0,022	-0,402	-0,031

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
5	1	0,626	0,556	12818,256
	2	-0,132	0,185	12876,623
	3	-0,166	0,189	13025,685
	4	0,043	0,129	13043
	6	0,192	0,129	13043
	7	-0,285*	0,144	12965,245
	8	-0,245	0,160	13043
	9	-0,338	0,203	13043
	10	0,118	0,338	12955,677
	0 is ref	-0,174	0,100	12910,728
	6	1	0,434	0,551	12796,586
2		-0,324	0,182	12968,274
3		-0,358	0,193	13032,007
4		-0,149	0,130	13043
5		-0,192	0,129	13043
7		-0,477*	0,142	13038,204
8		-0,437*	0,154	13043
9		-0,531*	0,196	12997,035
10		-0,074	0,334	12922,923
0 is ref		-0,366*	0,097	13043
7		1	0,911	0,557	12819,183
	2	0,153	0,193	12914,926
	3	0,120	0,200	13002,666
	4	0,328*	0,138	13043
	5	0,285*	0,144	12965,245
	6	0,477*	0,142	13038,204
	8	0,040	0,154	13043
	9	-0,053	0,199	13012,470
	10	0,403	0,335	12914,947
	0 is ref	0,112	0,114	12961,667
	8	1	0,871	0,557	12809,954
2		0,113	0,201	13037,057
3		0,080	0,211	13043
4		0,288	0,157	13043
5		0,245	0,160	13043
6		0,437*	0,154	13043
7		-0,040	0,154	13043
9		-0,093	0,198	12917,348
10		0,363	0,336	12893,756
0 is ref		0,071	0,134	13043

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
5	1	0,261	-0,464	1,716
	2	0,476	-0,496	0,231
	3	0,381	-0,536	0,205
	4	0,738	-0,209	0,295
	6	0,135	-0,060	0,444
	7	0,047	-0,568	-0,003
	8	0,125	-0,558	0,068
	9	0,096	-0,737	0,060
	10	0,727	-0,545	0,781
	0 is ref	0,081	-0,369	0,021
6	1	0,432	-0,647	1,514
	2	0,075	-0,681	0,032
	3	0,064	-0,736	0,021
	4	0,253	-0,404	0,106
	5	0,135	-0,444	0,060
	7	<0,001	-0,756	-0,199
	8	0,005	-0,739	-0,135
	9	0,007	-0,915	-0,146
	10	0,824	-0,728	0,580
	0 is ref	<0,001	-0,556	-0,175
7	1	0,102	-0,180	2,003
	2	0,427	-0,225	0,531
	3	0,549	-0,273	0,512
	4	0,018	0,057	0,600
	5	0,047	0,003	0,568
	6	<0,001	0,199	0,756
	8	0,793	-0,261	0,342
	9	0,789	-0,442	0,336
	10	0,228	-0,253	1,059
	0 is ref	0,326	-0,111	0,334
8	1	0,118	-0,222	1,963
	2	0,574	-0,281	0,507
	3	0,706	-0,333	0,492
	4	0,067	-0,020	0,596
	5	0,125	-0,068	0,558
	6	0,005	0,135	0,739
	7	0,793	-0,342	0,261
	9	0,637	-0,481	0,294
	10	0,280	-0,295	1,021
	0 is ref	0,596	-0,192	0,335

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
9	1	0,964	0,564	12794,957
	2	0,206	0,217	13043
	3	0,173	0,244	13043
	4	0,382	0,201	13005,362
	5	0,338	0,203	13043
	6	0,531 [*]	0,196	12997,035
	7	0,053	0,199	13012,470
	8	0,093	0,198	12917,348
	10	0,456	0,337	12829,257
	0 is ref	0,165	0,180	12990,978
10	1	0,508	0,620	12799,412
	2	-0,250	0,358	12992,636
	3	-0,283	0,365	12994,075
	4	-0,075	0,337	12923,725
	5	-0,118	0,338	12955,677
	6	0,074	0,334	12922,923
	7	-0,403	0,335	12914,947
	8	-0,363	0,336	12893,756
	9	-0,456	0,337	12829,257
	0 is ref	-0,292	0,325	12905,523
0 is ref	1	0,799	0,548	12784,414
	2	0,042	0,159	12833,805
	3	0,008	0,169	13004,548
	4	0,217 [*]	0,095	13043
	5	0,174	0,100	12910,728
	6	0,366 [*]	0,097	13043
	7	-0,112	0,114	12961,667
	8	-0,071	0,134	13043
	9	-0,165	0,180	12990,978
	10	0,292	0,325	12905,523

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
9	1	0,088	-0,142	2,070
	2	0,341	-0,218	0,631
	3	0,478	-0,305	0,651
	4	0,057	-0,012	0,775
	5	0,096	-0,060	0,737
	6	0,007	0,146	0,915
	7	0,789	-0,336	0,442
	8	0,637	-0,294	0,481
	10	0,176	-0,205	1,117
	0 is ref	0,361	-0,189	0,518
10	1	0,413	-0,707	1,722
	2	0,485	-0,952	0,452
	3	0,437	-0,999	0,432
	4	0,824	-0,735	0,586
	5	0,727	-0,781	0,545
	6	0,824	-0,580	0,728
	7	0,228	-1,059	0,253
	8	0,280	-1,021	0,295
	9	0,176	-1,117	0,205
	0 is ref	0,370	-0,929	0,345
0 is ref	1	0,145	-0,274	1,873
	2	0,793	-0,270	0,353
	3	0,961	-0,323	0,339
	4	0,022	0,031	0,402
	5	0,081	-0,021	0,369
	6	<0,001	0,175	0,556
	7	0,326	-0,334	0,111
	8	0,596	-0,335	0,192
	9	0,361	-0,518	0,189
	10	0,370	-0,345	0,929

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: LonlinessServereRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
4294967296	0,000	2,714	0,000

The F tests the effect of Heidehoogveenenstuifzand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: LonlinessServereRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:26:18.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischedgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischedgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: LonlinessServereRIVM.

Information Criteria^a

-2 Log Likelihood	49288,433
Akaike's Information Criterion (AIC)	49352,433
Hurvich and Tsai's Criterion (AICC)	49352,595
Bozdogan's Criterion (CAIC)	49623,739
Schwarz's Bayesian Criterion (BIC)	49591,739

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
LonlinessServereRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,623
	Conditional	0,805

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9286,338	684,906	<0,001
SmokingRIVM	1	12931,697	21437,490	0,000
ObesityRIVM	1	13017,642	2011,558	0,000
Heidehoogveenenstuifzand	10	13009,704	2,714	0,002
Openagrarischgebied	3	12981,728	4,540	0,003
strand	3	13043	10,053	<0,001
Halfopenengeslotenagrarischgebied	2	12930,701	0,447	0,640
Duinen	4	12386,485	0,880	0,475
Bossen	3	13037,066	7,897	<0,001
Moeras	2	12976,928	2,180	0,113

a. Dependent Variable: LonlinessServereRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand=1]	0
	[Heidehoogveenenstuifzand=2]	0
	[Heidehoogveenenstuifzand=3]	0
	[Heidehoogveenenstuifzand=4]	0
	[Heidehoogveenenstuifzand=5]	0
	[Heidehoogveenenstuifzand=6]	0
	[Heidehoogveenenstuifzand=7]	0
	[Heidehoogveenenstuifzand=8]	0
	[Heidehoogveenenstuifzand=9]	0
	[Heidehoogveenenstuifzand=10]	0
	[Heidehoogveenenstuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand =1]	0
	[Heidehoogveenestuifzand =2]	0
	[Heidehoogveenestuifzand =3]	0
	[Heidehoogveenestuifzand =4]	0
	[Heidehoogveenestuifzand =5]	0
	[Heidehoogveenestuifzand =6]	0
	[Heidehoogveenestuifzand =7]	0
	[Heidehoogveenestuifzand =8]	0
	[Heidehoogveenestuifzand =9]	0
	[Heidehoogveenestuifzand =10]	0
	[Heidehoogveenestuifzand =11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischgebied=1]	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrari shgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrari schgebied=1]	0	0
[Openagrari schgebied=2]	0	0
[Openagrari schgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-6,331398	0,177554	5350,235	-35,659	<0,001	-6,679477
SmokingRIVM	0,532028	0,003634	12931,697	146,415	0,000	0,524906
ObesityRIVM	0,139750	0,003116	13017,642	44,850	0,000	0,133642
[Heidehoogveenenstuifzand=1]	-0,799441	0,547874	12784,414	-1,459	0,145	-1,873355
[Heidehoogveenenstuifzand=2]	-0,041677	0,158761	12833,805	-0,263	0,793	-0,352872
[Heidehoogveenenstuifzand=3]	-0,008296	0,168834	13004,548	-0,049	0,961	-0,339234
[Heidehoogveenenstuifzand=4]	-0,216884	0,094631	13043	-2,292	0,022	-0,402374
[Heidehoogveenenstuifzand=5]	-0,173796	0,099612	12910,728	-1,745	0,081	-0,369051
[Heidehoogveenenstuifzand=6]	-0,365887	0,097136	13043	-3,767	<0,001	-0,556287
[Heidehoogveenenstuifzand=7]	0,111608	0,113676	12961,667	0,982	0,326	-0,111215
[Heidehoogveenenstuifzand=8]	0,071233	0,134479	13043	0,530	0,596	-0,192365
[Heidehoogveenenstuifzand=9]	0,164696	0,180433	12990,978	0,913	0,361	-0,188979
[Heidehoogveenenstuifzand=10]	-0,291698	0,325056	12905,523	-0,897	0,370	-0,928856
[Heidehoogveenenstuifzand=11]	0 ^b	0	.	.	.	.
[Openagrarisched gebied=1]	-0,117682	0,047867	12804,094	-2,459	0,014	-0,211508
[Openagrarisched gebied=2]	-0,236370	0,065082	12633,332	-3,632	<0,001	-0,363941
[Openagrarisched gebied=3]	-0,158812	0,099719	13013,532	-1,593	0,111	-0,354275
[Openagrarisched gebied=4]	0 ^b	0	.	.	.	.
[strand=1]	-0,982096	0,210858	13024,508	-4,658	<0,001	-1,395409
[strand=2]	-0,664687	0,230276	13043	-2,886	0,004	-1,116062
[strand=3]	-0,410453	0,177543	13043	-2,312	0,021	-0,758463
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengesloten agrarisch gebied=1]	0,012455	0,042954	13017,537	0,290	0,772	-0,071741
[Halfopenengesloten agrarisch gebied=2]	-0,308593	0,351787	12844,171	-0,877	0,380	-0,998148
[Halfopenengesloten agrarisch gebied=3]	0 ^b	0	.	.	.	.
[Duinen=1]	-0,173186	0,184380	12954,908	-0,939	0,348	-0,534597
[Duinen=2]	0,029567	0,153812	12306,384	0,192	0,848	-0,271928
[Duinen=3]	0,350883	0,301574	12759,930	1,164	0,245	-0,240246
[Duinen=4]	0,678570	0,561949	11288,848	1,208	0,227	-0,422947
[Duinen=5]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
Intercept	-5,983320
SmokingRIVM	0,539151
ObesityRIVM	0,145858
[Heidehoogveenenstuifzand =1]	0,274474
[Heidehoogveenenstuifzand =2]	0,269519
[Heidehoogveenenstuifzand =3]	0,322643
[Heidehoogveenenstuifzand =4]	-0,031395
[Heidehoogveenenstuifzand =5]	0,021459
[Heidehoogveenenstuifzand =6]	-0,175488
[Heidehoogveenenstuifzand =7]	0,334431
[Heidehoogveenenstuifzand =8]	0,334831
[Heidehoogveenenstuifzand =9]	0,518372
[Heidehoogveenenstuifzand =10]	0,345459
[Heidehoogveenenstuifzand =11]	.
[Openagrarischedgebied=1]	-0,023856
[Openagrarischedgebied=2]	-0,108799
[Openagrarischedgebied=3]	0,036651
[Openagrarischedgebied=4]	.
[strand=1]	-0,568784
[strand=2]	-0,213312
[strand=3]	-0,062444
[strand=4]	.
[Halfopenengeslotenagrarischedgebied=1]	0,096651
[Halfopenengeslotenagrarischedgebied=2]	0,380962
[Halfopenengeslotenagrarischedgebied=3]	.
[Duinen=1]	0,188225
[Duinen=2]	0,331062
[Duinen=3]	0,942013
[Duinen=4]	1,780087
[Duinen=5]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Bossen=1]	0,219873	0,045373	13043	4,846	<0,001	0,130935
[Bossen=2]	0,147376	0,065021	13039,044	2,267	0,023	0,019926
[Bossen=3]	0,116266	0,094998	13017,623	1,224	0,221	-0,069944
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	-0,117764	0,126971	12982,425	-0,927	0,354	-0,366645
[Moeras=2]	-0,083904	0,042931	12973,473	-1,954	0,051	-0,168055
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ... Upper Bound
[Bossen=1]	0,308811
[Bossen=2]	0,274826
[Bossen=3]	0,302476
[Bossen=4]	.
[Moeras=1]	0,131118
[Moeras=2]	0,000246
[Moeras=3]	.

a. Dependent Variable: LonlinessServereRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound	
Residual	2,324991	0,029168	79,709	0,000	2,268519	
Intercept [subject = MunicipalityRIVM]	Variance	2,160395	0,173717	12,436	<0,001	1,845390

Estimates of Covariance Parameters^a

Parameter	95% ... Upper Bound	
Residual	2,382868	
Intercept [subject = MunicipalityRIVM]	Variance	2,529171

a. Dependent Variable: LonlinessServereRIVM.

Estimated Marginal Means

Openagrarischgebied

Contrast Coefficients

Parameter	Open agrarisch gebied			
	1	2	3	0 is ref
Fixed Effects Intercept	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499
[Heidehoogveenestuifzand =1]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =2]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =3]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =4]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =5]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =6]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =7]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =8]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =9]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =10]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =11]	0,091	0,091	0,091	0,091
[Open agrarisch gebied=1]	1	0	0	0
[Open agrarisch gebied=2]	0	1	0	0
[Open agrarisch gebied=3]	0	0	1	0
[Open agrarisch gebied=4]	0	0	0	1
[strand=1]	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250
[Halfopenengsloten agrarisch gebied=1]	0,333	0,333	0,333	0,333
[Halfopenengsloten agrarisch gebied=2]	0,333	0,333	0,333	0,333
[Halfopenengsloten agrarisch gebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	Openagrarischgebied			
	1	2	3	0 is ref
[Bossen=2]	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

Openagrarischgebied	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	8,843 ^b	0,223	6964,510	8,406	9,280
2	8,724 ^b	0,226	7177,601	8,281	9,167
3	8,802 ^b	0,231	7465,866	8,348	9,255
0 is ref	8,960 ^b	0,225	7014,848	8,519	9,402

a. Dependent Variable: LonlinessServereRIVM.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Openagrarischgebied	(J) Openagrarischgebied	Mean Difference (I-J)	Std. Error	df
1	2	0,119 [*]	0,056	13042,649
	3	0,041	0,094	13043
	0 is ref	-0,118 [*]	0,048	12804,094
2	1	-0,119 [*]	0,056	13042,649
	3	-0,078	0,089	13025,385
	0 is ref	-0,236 [*]	0,065	12633,332
3	1	-0,041	0,094	13043
	2	0,078	0,089	13025,385
	0 is ref	-0,159	0,100	13013,532
0 is ref	1	0,118 [*]	0,048	12804,094
	2	0,236 [*]	0,065	12633,332
	3	0,159	0,100	13013,532

Pairwise Comparisons^a

(I) Openagrarisches Gebiet	(J) Openagrarisches Gebiet	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,035	0,008	0,229
	3	0,661	-0,143	0,225
	0 is ref	0,014	-0,212	-0,024
2	1	0,035	-0,229	-0,008
	3	0,382	-0,251	0,096
	0 is ref	<0,001	-0,364	-0,109
3	1	0,661	-0,225	0,143
	2	0,382	-0,096	0,251
	0 is ref	0,111	-0,354	0,037
0 is ref	1	0,014	0,024	0,212
	2	<0,001	0,109	0,364
	3	0,111	-0,037	0,354

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: LonlinessServereRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	12933,753	4,540	0,003

The F tests the effect of Openagrarisches Gebiet. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: LonlinessServereRIVM.

>Error # 90. Command name: MIXED

>Unexpected exception occurred.

>Execution of this command stops.

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:26:20.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: LonlinessServereRIVM.

Information Criteria^a

-2 Log Likelihood	49288,433
Akaike's Information Criterion (AIC)	49352,433
Hurvich and Tsai's Criterion (AICC)	49352,595
Bozdogan's Criterion (CAIC)	49623,739
Schwarz's Bayesian Criterion (BIC)	49591,739

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
LonlinessServereRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,623
	Conditional	0,805

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9286,338	684,906	<0,001
SmokingRIVM	1	12931,697	21437,490	0,000
ObesityRIVM	1	13017,642	2011,558	0,000
Heidehoogveenestuifzand	10	13009,704	2,714	0,002
Openagrarischesgebied	3	12981,728	4,540	0,003
strand	3	13043	10,053	<0,001
Halfopenengslotenagrarischesgebied	2	12930,701	0,447	0,640
Duinen	4	12386,485	0,880	0,475
Bossen	3	13037,066	7,897	<0,001
Moeras	2	12976,928	2,180	0,113

a. Dependent Variable: LonlinessServereRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischedgebied=1]	0,250
	[Openagrarischedgebied=2]	0,250
	[Openagrarischedgebied=3]	0,250
	[Openagrarischedgebied=4]	0,250
	[strand=1]	0,250
	[strand=2]	0,250
	[strand=3]	0,250
	[strand=4]	0,250
	[Halfopenengeslotenagrarischedgebied=1]	0,333
	[Halfopenengeslotenagrarischedgebied=2]	0,333
	[Halfopenengeslotenagrarischedgebied=3]	0,333
	[Duinen=1]	0,200
	[Duinen=2]	0,200
	[Duinen=3]	0,200
	[Duinen=4]	0,200
	[Duinen=5]	0,200
	[Bossen=1]	0,250
	[Bossen=2]	0,250

Intercept

L1

[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0

SmokingRIVM

L2

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0

ObesityRIVM

L3

[Openagrarischgebied=4]	0
[strand=1]	0
[strand=2]	0
[strand=3]	0
[strand=4]	0
[Halfopenengeslotenagrarisc hgebied=1]	0
[Halfopenengeslotenagrarisc hgebied=2]	0
[Halfopenengeslotenagrarisc hgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenstuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand =1]	1	0	0	0	0
	[Heidehoogveenstuifzand =2]	0	1	0	0	0
	[Heidehoogveenstuifzand =3]	0	0	1	0	0
	[Heidehoogveenstuifzand =4]	0	0	0	1	0
	[Heidehoogveenstuifzand =5]	0	0	0	0	1
	[Heidehoogveenstuifzand =6]	0	0	0	0	0
	[Heidehoogveenstuifzand =7]	0	0	0	0	0
	[Heidehoogveenstuifzand =8]	0	0	0	0	0
	[Heidehoogveenstuifzand =9]	0	0	0	0	0
	[Heidehoogveenstuifzand =10]	0	0	0	0	0
	[Heidehoogveenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

	L4	L5	L6	L7	L8
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenestuifzand

	L9	L10	L11	L12	L13
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

	L15	L16	L17
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenestuifzand =1]	0	0	0
[Heidehoogveenestuifzand =2]	0	0	0
[Heidehoogveenestuifzand =3]	0	0	0
[Heidehoogveenestuifzand =4]	0	0	0
[Heidehoogveenestuifzand =5]	0	0	0
[Heidehoogveenestuifzand =6]	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0
[Openagrarischgebied=1]	1	0	0
[Openagrarischgebied=2]	0	1	0
[Openagrarischgebied=3]	0	0	1
[Openagrarischgebied=4]	-1	-1	-1

Open agrarisch gebied

	L15	L16	L17
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengslotenagraris hgebied=1]	0	0	0
[Halfopenengslotenagraris hgebied=2]	0	0	0
[Halfopenengslotenagraris hgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

		L19	L20	L21
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischedgebied=1]	0	0	0
	[Openagrarischedgebied=2]	0	0	0
	[Openagrarischedgebied=3]	0	0	0
	[Openagrarischedgebied=4]	0	0	0
	[strand=1]	1	0	0
	[strand=2]	0	1	0
	[strand=3]	0	0	1
	[strand=4]	-1	-1	-1
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

strand

	L19	L20	L21
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischedgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	1	0
[Halfopenengeslotenagrarischedgebied=2]	0	1

Halfopenengeslotenagrarischgebied

	L23	L24
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L26	L27	L28	L29
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L31	L32	L33
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0

Bossen

	L31	L32	L33
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

		L35	L36
Fixed Effects	Intercept	0	0
	SmokingRIVM	0	0
	ObesityRIVM	0	0
	[Heidehoogveenenstuifzand=1]	0	0
	[Heidehoogveenenstuifzand=2]	0	0
	[Heidehoogveenenstuifzand=3]	0	0
	[Heidehoogveenenstuifzand=4]	0	0
	[Heidehoogveenenstuifzand=5]	0	0
	[Heidehoogveenenstuifzand=6]	0	0
	[Heidehoogveenenstuifzand=7]	0	0
	[Heidehoogveenenstuifzand=8]	0	0
	[Heidehoogveenenstuifzand=9]	0	0
	[Heidehoogveenenstuifzand=10]	0	0
	[Heidehoogveenenstuifzand=11]	0	0
	[Openagrarischedgebied=1]	0	0
	[Openagrarischedgebied=2]	0	0
	[Openagrarischedgebied=3]	0	0
	[Openagrarischedgebied=4]	0	0
	[strand=1]	0	0
	[strand=2]	0	0
	[strand=3]	0	0
	[strand=4]	0	0
	[Halfopenengeslotenagrarischedgebied=1]	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0

Moeras

	L35	L36
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-6,331398	0,177554	5350,235	-35,659	<0,001	-6,679477
SmokingRIVM	0,532028	0,003634	12931,697	146,415	0,000	0,524906
ObesityRIVM	0,139750	0,003116	13017,642	44,850	0,000	0,133642
[Heidehoogveenestuifzand=1]	-0,799441	0,547874	12784,414	-1,459	0,145	-1,873355
[Heidehoogveenestuifzand=2]	-0,041677	0,158761	12833,805	-0,263	0,793	-0,352872
[Heidehoogveenestuifzand=3]	-0,008296	0,168834	13004,548	-0,049	0,961	-0,339234
[Heidehoogveenestuifzand=4]	-0,216884	0,094631	13043	-2,292	0,022	-0,402374
[Heidehoogveenestuifzand=5]	-0,173796	0,099612	12910,728	-1,745	0,081	-0,369051
[Heidehoogveenestuifzand=6]	-0,365887	0,097136	13043	-3,767	<0,001	-0,556287
[Heidehoogveenestuifzand=7]	0,111608	0,113676	12961,667	0,982	0,326	-0,111215
[Heidehoogveenestuifzand=8]	0,071233	0,134479	13043	0,530	0,596	-0,192365
[Heidehoogveenestuifzand=9]	0,164696	0,180433	12990,978	0,913	0,361	-0,188979
[Heidehoogveenestuifzand=10]	-0,291698	0,325056	12905,523	-0,897	0,370	-0,928856
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.	.
[Openagrarischgebied=1]	-0,117682	0,047867	12804,094	-2,459	0,014	-0,211508

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
Intercept	-5,983320
SmokingRIVM	0,539151
ObesityRIVM	0,145858
[Heidehoogveenenstuifzand =1]	0,274474
[Heidehoogveenenstuifzand =2]	0,269519
[Heidehoogveenenstuifzand =3]	0,322643
[Heidehoogveenenstuifzand =4]	-0,031395
[Heidehoogveenenstuifzand =5]	0,021459
[Heidehoogveenenstuifzand =6]	-0,175488
[Heidehoogveenenstuifzand =7]	0,334431
[Heidehoogveenenstuifzand =8]	0,334831
[Heidehoogveenenstuifzand =9]	0,518372
[Heidehoogveenenstuifzand =10]	0,345459
[Heidehoogveenenstuifzand =11]	.
[Openagrarischgebied=1]	-0,023856

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Openagrarischgebiet=2]	-0,236370	0,065082	12633,332	-3,632	<0,001	-0,363941
[Openagrarischgebiet=3]	-0,158812	0,099719	13013,532	-1,593	0,111	-0,354275
[Openagrarischgebiet=4]	0 ^b	0	.	.	.	.
[strand=1]	-0,982096	0,210858	13024,508	-4,658	<0,001	-1,395409
[strand=2]	-0,664687	0,230276	13043	-2,886	0,004	-1,116062
[strand=3]	-0,410453	0,177543	13043	-2,312	0,021	-0,758463
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengeslotenagrarisc hgebiet=1]	0,012455	0,042954	13017,537	0,290	0,772	-0,071741
[Halfopenengeslotenagrarisc hgebiet=2]	-0,308593	0,351787	12844,171	-0,877	0,380	-0,998148
[Halfopenengeslotenagrarisc hgebiet=3]	0 ^b	0	.	.	.	.
[Duinen=1]	-0,173186	0,184380	12954,908	-0,939	0,348	-0,534597
[Duinen=2]	0,029567	0,153812	12306,384	0,192	0,848	-0,271928
[Duinen=3]	0,350883	0,301574	12759,930	1,164	0,245	-0,240246
[Duinen=4]	0,678570	0,561949	11288,848	1,208	0,227	-0,422947
[Duinen=5]	0 ^b	0	.	.	.	.
[Bossen=1]	0,219873	0,045373	13043	4,846	<0,001	0,130935
[Bossen=2]	0,147376	0,065021	13039,044	2,267	0,023	0,019926
[Bossen=3]	0,116266	0,094998	13017,623	1,224	0,221	-0,069944
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	-0,117764	0,126971	12982,425	-0,927	0,354	-0,366645
[Moeras=2]	-0,083904	0,042931	12973,473	-1,954	0,051	-0,168055
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
[Openagrarischgebied=2]	-0,108799
[Openagrarischgebied=3]	0,036651
[Openagrarischgebied=4]	.
[strand=1]	-0,568784
[strand=2]	-0,213312
[strand=3]	-0,062444
[strand=4]	.
[Halfopenengeslotenagrarischgebied=1]	0,096651
[Halfopenengeslotenagrarischgebied=2]	0,380962
[Halfopenengeslotenagrarischgebied=3]	.
[Duinen=1]	0,188225
[Duinen=2]	0,331062
[Duinen=3]	0,942013
[Duinen=4]	1,780087
[Duinen=5]	.
[Bossen=1]	0,308811
[Bossen=2]	0,274826
[Bossen=3]	0,302476
[Bossen=4]	.
[Moeras=1]	0,131118
[Moeras=2]	0,000246
[Moeras=3]	.

a. Dependent Variable: LonlinessServereRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ...
						Lower Bound
Residual		2,324991	0,029168	79,709	0,000	2,268519
Intercept [subject = MunicipalityRIVM]	Variance	2,160395	0,173717	12,436	<0,001	1,845390

Estimates of Covariance Parameters^a

Parameter	95% ...	
	Upper Bound	
Residual	2,382868	
Intercept [subject = MunicipalityRIVM]	Variance	2,529171

a. Dependent Variable: LonlinessServereRIVM.

Estimated Marginal Means

strand

Contrast Coefficients

Parameter	strand				
	1	2	3	0 is ref	
Fixed Effects Intercept	1	1	1	1	
SmokingRIVM	16,461	16,461	16,461	16,461	
ObesityRIVM	50,499	50,499	50,499	50,499	
[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091	
[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091	
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	
[strand=1]	1	0	0	0	
[strand=2]	0	1	0	0	
[strand=3]	0	0	1	0	
[strand=4]	0	0	0	1	

Contrast Coefficients

Parameter	strand			
	1	2	3	0 is ref
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

strand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	8,364 ^b	0,301	10768,679	7,774	8,954
2	8,682 ^b	0,284	9349,127	8,124	9,239
3	8,936 ^b	0,252	8816,914	8,442	9,430
0 is ref	9,346 ^b	0,225	7067,696	8,905	9,788

a. Dependent Variable: LonlinessServereRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) strand	(J) strand	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ^c ... Lower Bound
1	2	-0,317	0,295	13043	0,283	-0,896
	3	-0,572*	0,265	13043	0,031	-1,091
	0 is ref	-0,982*	0,211	13024,508	<0,001	-1,395
2	1	0,317	0,295	13043	0,283	-0,262
	3	-0,254	0,269	13043	0,344	-0,781
	0 is ref	-0,665*	0,230	13043	0,004	-1,116
3	1	0,572*	0,265	13043	0,031	0,052
	2	0,254	0,269	13043	0,344	-0,272
	0 is ref	-0,410*	0,178	13043	0,021	-0,758
0 is ref	1	0,982*	0,211	13024,508	<0,001	0,569
	2	0,665*	0,230	13043	0,004	0,213
	3	0,410*	0,178	13043	0,021	0,062

Pairwise Comparisons^a

(I) strand	(J) strand	95% Confidence Interval for ^c ... Upper Bound
1	2	0,262
	3	-0,052
	0 is ref	-0,569
2	1	0,896
	3	0,272
	0 is ref	-0,213
3	1	1,091
	2	0,781
	0 is ref	-0,062
0 is ref	1	1,395
	2	1,116
	3	0,758

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: LonlinessServereRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	13043	10,053	<0,001

The F tests the effect of strand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: LonlinessServereRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:26:21.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischedgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischedgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: LonlinessServereRIVM.

Information Criteria^a

-2 Log Likelihood	49288,433
Akaike's Information Criterion (AIC)	49352,433
Hurvich and Tsai's Criterion (AICC)	49352,595
Bozdogan's Criterion (CAIC)	49623,739
Schwarz's Bayesian Criterion (BIC)	49591,739

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
LonlinessServereRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,623
	Conditional	0,805

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	9286,338	684,906	<0,001
SmokingRIVM	1	12931,697	21437,490	0,000
ObesityRIVM	1	13017,642	2011,558	0,000
Heidehoogveenenstuifzand	10	13009,704	2,714	0,002
Openagrarischgebied	3	12981,728	4,540	0,003
strand	3	13043	10,053	<0,001
Halfopenengeslotenagrarischgebied	2	12930,701	0,447	0,640
Duinen	4	12386,485	0,880	0,475
Bossen	3	13037,066	7,897	<0,001
Moeras	2	12976,928	2,180	0,113

a. Dependent Variable: LonlinessServereRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagraris chgebied=1]	0,333
[Halfopenengeslotenagraris chgebied=2]	0,333
[Halfopenengeslotenagraris chgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0
	[Heidehoogveenenstuifzand =2]	0
	[Heidehoogveenenstuifzand =3]	0
	[Heidehoogveenenstuifzand =4]	0
	[Heidehoogveenenstuifzand =5]	0
	[Heidehoogveenenstuifzand =6]	0
	[Heidehoogveenenstuifzand =7]	0
	[Heidehoogveenenstuifzand =8]	0
	[Heidehoogveenenstuifzand =9]	0
	[Heidehoogveenenstuifzand =10]	0
	[Heidehoogveenenstuifzand =11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand =1]	0
	[Heidehoogveenestuifzand =2]	0
	[Heidehoogveenestuifzand =3]	0
	[Heidehoogveenestuifzand =4]	0
	[Heidehoogveenestuifzand =5]	0
	[Heidehoogveenestuifzand =6]	0
	[Heidehoogveenestuifzand =7]	0
	[Heidehoogveenestuifzand =8]	0
	[Heidehoogveenestuifzand =9]	0
	[Heidehoogveenestuifzand =10]	0
	[Heidehoogveenestuifzand =11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischgebied=1]	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrari shgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrari schgebied=1]	0	0
[Openagrari schgebied=2]	0	0
[Openagrari schgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
Intercept	-6,331398	0,177554	5350,235	-35,659	<0,001	-6,679477
SmokingRIVM	0,532028	0,003634	12931,697	146,415	0,000	0,524906
ObesityRIVM	0,139750	0,003116	13017,642	44,850	0,000	0,133642
[Heidehoogveenestuifzand=1]	-0,799441	0,547874	12784,414	-1,459	0,145	-1,873355
[Heidehoogveenestuifzand=2]	-0,041677	0,158761	12833,805	-0,263	0,793	-0,352872
[Heidehoogveenestuifzand=3]	-0,008296	0,168834	13004,548	-0,049	0,961	-0,339234
[Heidehoogveenestuifzand=4]	-0,216884	0,094631	13043	-2,292	0,022	-0,402374
[Heidehoogveenestuifzand=5]	-0,173796	0,099612	12910,728	-1,745	0,081	-0,369051
[Heidehoogveenestuifzand=6]	-0,365887	0,097136	13043	-3,767	<0,001	-0,556287
[Heidehoogveenestuifzand=7]	0,111608	0,113676	12961,667	0,982	0,326	-0,111215
[Heidehoogveenestuifzand=8]	0,071233	0,134479	13043	0,530	0,596	-0,192365
[Heidehoogveenestuifzand=9]	0,164696	0,180433	12990,978	0,913	0,361	-0,188979
[Heidehoogveenestuifzand=10]	-0,291698	0,325056	12905,523	-0,897	0,370	-0,928856
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.	.
[Openagrarisched gebied=1]	-0,117682	0,047867	12804,094	-2,459	0,014	-0,211508
[Openagrarisched gebied=2]	-0,236370	0,065082	12633,332	-3,632	<0,001	-0,363941
[Openagrarisched gebied=3]	-0,158812	0,099719	13013,532	-1,593	0,111	-0,354275
[Openagrarisched gebied=4]	0 ^b	0	.	.	.	.
[strand=1]	-0,982096	0,210858	13024,508	-4,658	<0,001	-1,395409
[strand=2]	-0,664687	0,230276	13043	-2,886	0,004	-1,116062
[strand=3]	-0,410453	0,177543	13043	-2,312	0,021	-0,758463
[strand=4]	0 ^b	0	.	.	.	.
[Halfopenengesloten agrarisch gebied=1]	0,012455	0,042954	13017,537	0,290	0,772	-0,071741
[Halfopenengesloten agrarisch gebied=2]	-0,308593	0,351787	12844,171	-0,877	0,380	-0,998148
[Halfopenengesloten agrarisch gebied=3]	0 ^b	0	.	.	.	.
[Duinen=1]	-0,173186	0,184380	12954,908	-0,939	0,348	-0,534597
[Duinen=2]	0,029567	0,153812	12306,384	0,192	0,848	-0,271928
[Duinen=3]	0,350883	0,301574	12759,930	1,164	0,245	-0,240246
[Duinen=4]	0,678570	0,561949	11288,848	1,208	0,227	-0,422947
[Duinen=5]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ...
	Upper Bound
Intercept	-5,983320
SmokingRIVM	0,539151
ObesityRIVM	0,145858
[Heidehoogveenenstuifzand =1]	0,274474
[Heidehoogveenenstuifzand =2]	0,269519
[Heidehoogveenenstuifzand =3]	0,322643
[Heidehoogveenenstuifzand =4]	-0,031395
[Heidehoogveenenstuifzand =5]	0,021459
[Heidehoogveenenstuifzand =6]	-0,175488
[Heidehoogveenenstuifzand =7]	0,334431
[Heidehoogveenenstuifzand =8]	0,334831
[Heidehoogveenenstuifzand =9]	0,518372
[Heidehoogveenenstuifzand =10]	0,345459
[Heidehoogveenenstuifzand =11]	.
[Openagrarischedgebied=1]	-0,023856
[Openagrarischedgebied=2]	-0,108799
[Openagrarischedgebied=3]	0,036651
[Openagrarischedgebied=4]	.
[strand=1]	-0,568784
[strand=2]	-0,213312
[strand=3]	-0,062444
[strand=4]	.
[Halfopenengeslotenagrarischedgebied=1]	0,096651
[Halfopenengeslotenagrarischedgebied=2]	0,380962
[Halfopenengeslotenagrarischedgebied=3]	.
[Duinen=1]	0,188225
[Duinen=2]	0,331062
[Duinen=3]	0,942013
[Duinen=4]	1,780087
[Duinen=5]	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.	95% ... Lower Bound
[Bossen=1]	0,219873	0,045373	13043	4,846	<0,001	0,130935
[Bossen=2]	0,147376	0,065021	13039,044	2,267	0,023	0,019926
[Bossen=3]	0,116266	0,094998	13017,623	1,224	0,221	-0,069944
[Bossen=4]	0 ^b	0	.	.	.	.
[Moeras=1]	-0,117764	0,126971	12982,425	-0,927	0,354	-0,366645
[Moeras=2]	-0,083904	0,042931	12973,473	-1,954	0,051	-0,168055
[Moeras=3]	0 ^b	0	.	.	.	.

Estimates of Fixed Effects^a

Parameter	95% ... Upper Bound
[Bossen=1]	0,308811
[Bossen=2]	0,274826
[Bossen=3]	0,302476
[Bossen=4]	.
[Moeras=1]	0,131118
[Moeras=2]	0,000246
[Moeras=3]	.

a. Dependent Variable: LonlinessServereRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter	Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound	
Residual	2,324991	0,029168	79,709	0,000	2,268519	
Intercept [subject = MunicipalityRIVM]	Variance	2,160395	0,173717	12,436	<0,001	1,845390

Estimates of Covariance Parameters^a

Parameter	95% ... Upper Bound	
Residual	2,382868	
Intercept [subject = MunicipalityRIVM]	Variance	2,529171

a. Dependent Variable: LonlinessServereRIVM.

Estimated Marginal Means

Bossen

Contrast Coefficients

Parameter	Bossen			
	1	2	3	0 is ref
Fixed Effects Intercept	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499
[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	1	0	0	0

Contrast Coefficients

Parameter	Bossen			0 is ref
	1	2	3	
[Bossen=2]	0	1	0	0
[Bossen=3]	0	0	1	0
[Bossen=4]	0	0	0	1
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

Bossen	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	8,931 ^b	0,225	7074,059	8,489	9,373
2	8,859 ^b	0,222	6932,795	8,422	9,295
3	8,827 ^b	0,229	7373,061	8,378	9,277
0 is ref	8,711 ^b	0,228	7211,998	8,264	9,158

a. Dependent Variable: LonlinessServereRIVM.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Bossen	(J) Bossen	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ...
						Lower Bound
1	2	0,072	0,059	13038,304	0,218	-0,043
	3	0,104	0,090	13022,525	0,251	-0,073
	0 is ref	0,220 [*]	0,045	13043	<0,001	0,131
2	1	-0,072	0,059	13038,304	0,218	-0,188
	3	0,031	0,093	13043	0,739	-0,152
	0 is ref	0,147 [*]	0,065	13039,044	0,023	0,020
3	1	-0,104	0,090	13022,525	0,251	-0,281
	2	-0,031	0,093	13043	0,739	-0,214
	0 is ref	0,116	0,095	13017,623	0,221	-0,070
0 is ref	1	-0,220 [*]	0,045	13043	<0,001	-0,309
	2	-0,147 [*]	0,065	13039,044	0,023	-0,275
	3	-0,116	0,095	13017,623	0,221	-0,302

Pairwise Comparisons^a

(I) Bossen	(J) Bossen	95% Confidence Interval for $\mu_{i.-}$
		Upper Bound
1	2	0,188
	3	0,281
	0 is ref	0,309
2	1	0,043
	3	0,214
	0 is ref	0,275
3	1	0,073
	2	0,152
	0 is ref	0,302
0 is ref	1	-0,131
	2	-0,020
	3	0,070

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: LonlinessServereRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	13039,086	7,897	<0,001

The F tests the effect of Bossen. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: LonlinessServereRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:26:22.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischedgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischedgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischedgebied	
	strand	
	Halfopenengeslotenagrarischedgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: StressRIVM.

Information Criteria^a

-2 Log Likelihood	51320,395
Akaike's Information Criterion (AIC)	51384,395
Hurvich and Tsai's Criterion (AICC)	51384,557
Bozdogan's Criterion (CAIC)	51655,700
Schwarz's Bayesian Criterion (BIC)	51623,700

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: StressRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,612
	Conditional	0,817

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	8822,988	1507,447	<0,001
SmokingRIVM	1	12906,796	26984,341	0,000
ObesityRIVM	1	12987,446	1942,911	0,000
Heidehoogveenestuifzand	10	13015,929	3,190	<0,001
Openagrarischgebied	3	13033,577	5,761	<0,001
strand	3	13038,255	11,186	<0,001
Halfopenengeslotenagrarischgebied	2	12942,852	3,580	0,028
Duinen	4	12637,220	1,379	0,238
Bossen	3	13043	2,428	0,063
Moeras	2	13043	0,634	0,530

a. Dependent Variable: StressRIVM.

Type III Estimable Functions

Intercept

L1

Fixed Effects		L1
Intercept		1
SmokingRIVM		0
ObesityRIVM		0
[Heidehoogveenenstuifzand =1]		0,091
[Heidehoogveenenstuifzand =2]		0,091
[Heidehoogveenenstuifzand =3]		0,091
[Heidehoogveenenstuifzand =4]		0,091
[Heidehoogveenenstuifzand =5]		0,091
[Heidehoogveenenstuifzand =6]		0,091
[Heidehoogveenenstuifzand =7]		0,091
[Heidehoogveenenstuifzand =8]		0,091
[Heidehoogveenenstuifzand =9]		0,091
[Heidehoogveenenstuifzand =10]		0,091
[Heidehoogveenenstuifzand =11]		0,091
[Openagrarischedgebied=1]		0,250
[Openagrarischedgebied=2]		0,250
[Openagrarischedgebied=3]		0,250
[Openagrarischedgebied=4]		0,250
[strand=1]		0,250
[strand=2]		0,250
[strand=3]		0,250
[strand=4]		0,250
[Halfopenengeslotenagrarischedgebied=1]		0,333
[Halfopenengeslotenagrarischedgebied=2]		0,333
[Halfopenengeslotenagrarischedgebied=3]		0,333
[Duinen=1]		0,200
[Duinen=2]		0,200
[Duinen=3]		0,200
[Duinen=4]		0,200
[Duinen=5]		0,200
[Bossen=1]		0,250
[Bossen=2]		0,250

Intercept

L1

[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0

SmokingRIVM

L2

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects		
Intercept		0
SmokingRIVM		0
ObesityRIVM		1
[Heidehoogveenestuifzand=1]		0
[Heidehoogveenestuifzand=2]		0
[Heidehoogveenestuifzand=3]		0
[Heidehoogveenestuifzand=4]		0
[Heidehoogveenestuifzand=5]		0
[Heidehoogveenestuifzand=6]		0
[Heidehoogveenestuifzand=7]		0
[Heidehoogveenestuifzand=8]		0
[Heidehoogveenestuifzand=9]		0
[Heidehoogveenestuifzand=10]		0
[Heidehoogveenestuifzand=11]		0
[Openagrarischgebied=1]		0
[Openagrarischgebied=2]		0
[Openagrarischgebied=3]		0

ObesityRIVM

L3

[Openagrarischgebied=4]	0
[strand=1]	0
[strand=2]	0
[strand=3]	0
[strand=4]	0
[Halfopenengeslotenagrarischgebied=1]	0
[Halfopenengeslotenagrarischgebied=2]	0
[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand =1]	1	0	0	0	0
	[Heidehoogveenestuifzand =2]	0	1	0	0	0
	[Heidehoogveenestuifzand =3]	0	0	1	0	0
	[Heidehoogveenestuifzand =4]	0	0	0	1	0
	[Heidehoogveenestuifzand =5]	0	0	0	0	1
	[Heidehoogveenestuifzand =6]	0	0	0	0	0
	[Heidehoogveenestuifzand =7]	0	0	0	0	0
	[Heidehoogveenestuifzand =8]	0	0	0	0	0
	[Heidehoogveenestuifzand =9]	0	0	0	0	0
	[Heidehoogveenestuifzand =10]	0	0	0	0	0
	[Heidehoogveenestuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

	L4	L5	L6	L7	L8
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenestuifzand

	L9	L10	L11	L12	L13
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

	L15	L16	L17
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenestuifzand =1]	0	0	0
[Heidehoogveenestuifzand =2]	0	0	0
[Heidehoogveenestuifzand =3]	0	0	0
[Heidehoogveenestuifzand =4]	0	0	0
[Heidehoogveenestuifzand =5]	0	0	0
[Heidehoogveenestuifzand =6]	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0
[Openagrarischgebied=1]	1	0	0
[Openagrarischgebied=2]	0	1	0
[Openagrarischgebied=3]	0	0	1
[Openagrarischgebied=4]	-1	-1	-1

Open agrarisch gebied

	L15	L16	L17
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengslotenagraris hgebied=1]	0	0	0
[Halfopenengslotenagraris hgebied=2]	0	0	0
[Halfopenengslotenagraris hgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

		L19	L20	L21
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	1	0	0
	[strand=2]	0	1	0
	[strand=3]	0	0	1
	[strand=4]	-1	-1	-1
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

strand

	L19	L20	L21
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand =1]	0	0
[Heidehoogveenestuifzand =2]	0	0
[Heidehoogveenestuifzand =3]	0	0
[Heidehoogveenestuifzand =4]	0	0
[Heidehoogveenestuifzand =5]	0	0
[Heidehoogveenestuifzand =6]	0	0
[Heidehoogveenestuifzand =7]	0	0
[Heidehoogveenestuifzand =8]	0	0
[Heidehoogveenestuifzand =9]	0	0
[Heidehoogveenestuifzand =10]	0	0
[Heidehoogveenestuifzand =11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisch gebied=1]	1	0
[Halfopenengeslotenagrarisch gebied=2]	0	1

Halfopenengeslotenagrarischgebied

	L23	L24
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L26	L27	L28	L29
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L31	L32	L33
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0

Bossen

	L31	L32	L33
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

		L35	L36
Fixed Effects	Intercept	0	0
	SmokingRIVM	0	0
	ObesityRIVM	0	0
	[Heidehoogveenenstuifzand=1]	0	0
	[Heidehoogveenenstuifzand=2]	0	0
	[Heidehoogveenenstuifzand=3]	0	0
	[Heidehoogveenenstuifzand=4]	0	0
	[Heidehoogveenenstuifzand=5]	0	0
	[Heidehoogveenenstuifzand=6]	0	0
	[Heidehoogveenenstuifzand=7]	0	0
	[Heidehoogveenenstuifzand=8]	0	0
	[Heidehoogveenenstuifzand=9]	0	0
	[Heidehoogveenenstuifzand=10]	0	0
	[Heidehoogveenenstuifzand=11]	0	0
	[Openagrarischedgebied=1]	0	0
	[Openagrarischedgebied=2]	0	0
	[Openagrarischedgebied=3]	0	0
	[Openagrarischedgebied=4]	0	0
	[strand=1]	0	0
	[strand=2]	0	0
	[strand=3]	0	0
	[strand=4]	0	0
	[Halfopenengeslotenagrarischedgebied=1]	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0

Moeras

	L35	L36
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	12,625647	0,195387	4579,870	64,619	0,000
SmokingRIVM	0,644153	0,003921	12906,796	164,269	0,000
ObesityRIVM	-0,148291	0,003364	12987,446	-44,078	0,000
[Heidehoogveenestuifzand=1]	-1,454557	0,590891	12775,108	-2,462	0,014
[Heidehoogveenestuifzand=2]	0,223288	0,171861	12971,803	1,299	0,194
[Heidehoogveenestuifzand=3]	-0,172828	0,182616	13043	-0,946	0,344
[Heidehoogveenestuifzand=4]	-0,312547	0,102243	13043	-3,057	0,002
[Heidehoogveenestuifzand=5]	-0,135083	0,107800	13009,057	-1,253	0,210
[Heidehoogveenestuifzand=6]	-0,194571	0,105008	13043	-1,853	0,064
[Heidehoogveenestuifzand=7]	0,030563	0,122988	13037,012	0,249	0,804
[Heidehoogveenestuifzand=8]	-0,404034	0,145325	13043	-2,780	0,005
[Heidehoogveenestuifzand=9]	-0,478023	0,194778	12960,076	-2,454	0,014
[Heidehoogveenestuifzand=10]	-0,190825	0,350741	12879,737	-0,544	0,586
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	-0,134664	0,051823	12949,045	-2,599	0,009

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	12,242595	13,008700
SmokingRIVM	0,636467	0,651840
ObesityRIVM	-0,154886	-0,141697
[Heidehoogveenenstuifzand =1]	-2,612791	-0,296323
[Heidehoogveenenstuifzand =2]	-0,113586	0,560161
[Heidehoogveenenstuifzand =3]	-0,530783	0,185127
[Heidehoogveenenstuifzand =4]	-0,512958	-0,112137
[Heidehoogveenenstuifzand =5]	-0,346386	0,076220
[Heidehoogveenenstuifzand =6]	-0,400402	0,011261
[Heidehoogveenenstuifzand =7]	-0,210511	0,271637
[Heidehoogveenenstuifzand =8]	-0,688893	-0,119176
[Heidehoogveenenstuifzand =9]	-0,859816	-0,096230
[Heidehoogveenenstuifzand =10]	-0,878330	0,496680
[Heidehoogveenenstuifzand =11]	.	.
[Openagrarischgebied=1]	-0,236244	-0,033083

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Openagrarischgebiet=2]	-0,291501	0,070500	12843,494	-4,135	<0,001
[Openagrarischgebiet=3]	-0,229064	0,107851	13043	-2,124	0,034
[Openagrarischgebiet=4]	0 ^b	0	.	.	.
[strand=1]	-1,032057	0,227675	12994,042	-4,533	<0,001
[strand=2]	-0,558991	0,248791	13043	-2,247	0,025
[strand=3]	-0,709027	0,191856	13043	-3,696	<0,001
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisc hgebiet=1]	0,116253	0,046456	13043	2,502	0,012
[Halfopenengeslotenagrarisc hgebiet=2]	-0,291220	0,379490	12826,080	-0,767	0,443
[Halfopenengeslotenagrarisc hgebiet=3]	0 ^b	0	.	.	.
[Duinen=1]	-0,350483	0,199489	13033,897	-1,757	0,079
[Duinen=2]	-0,065687	0,166750	12637,313	-0,394	0,694
[Duinen=3]	-0,585906	0,326590	12873,357	-1,794	0,073
[Duinen=4]	-0,400053	0,610433	11848,592	-0,655	0,512
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	0,112967	0,049058	13043	2,303	0,021
[Bossen=2]	-0,005670	0,070309	13043	-0,081	0,936
[Bossen=3]	0,009019	0,102742	13043	0,088	0,930
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	0,061507	0,137356	13043	0,448	0,654
[Moeras=2]	-0,045671	0,046444	13042,082	-0,983	0,325
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Openagrarischgebied=2]	-0,429691	-0,153311
[Openagrarischgebied=3]	-0,440469	-0,017660
[Openagrarischgebied=4]	.	.
[strand=1]	-1,478334	-0,585780
[strand=2]	-1,046658	-0,071325
[strand=3]	-1,085093	-0,332961
[strand=4]	.	.
[Halfopenengeslotenagrarischgebied=1]	0,025192	0,207313
[Halfopenengeslotenagrarischgebied=2]	-1,035077	0,452636
[Halfopenengeslotenagrarischgebied=3]	.	.
[Duinen=1]	-0,741510	0,040545
[Duinen=2]	-0,392542	0,261167
[Duinen=3]	-1,226070	0,054258
[Duinen=4]	-1,596602	0,796496
[Duinen=5]	.	.
[Bossen=1]	0,016805	0,209128
[Bossen=2]	-0,143485	0,132145
[Bossen=3]	-0,192371	0,210409
[Bossen=4]	.	.
[Moeras=1]	-0,207730	0,330745
[Moeras=2]	-0,136708	0,045366
[Moeras=3]	.	.

a. Dependent Variable: StressRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		2,703068	0,033908	79,718	0,000	2,637420
Intercept [subject = MunicipalityRIVM]	Variance	3,019653	0,239858	12,589	<0,001	2,584306

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		2,770350
Intercept [subject = MunicipalityRIVM]	Variance	3,528336

a. Dependent Variable: StressRIVM.

Estimated Marginal Means

Heidehoogveenestuifzand

Contrast Coefficients

Parameter		Heidehoogveenestuifzand				
		1	2	3	4	5
Fixed Effects	Intercept	1	1	1	1	1
	SmokingRIVM	16,461	16,461	16,461	16,461	16,461
	ObesityRIVM	50,499	50,499	50,499	50,499	50,499
	[Heidehoogveenestuifzand =1]	1	0	0	0	0
	[Heidehoogveenestuifzand =2]	0	1	0	0	0
	[Heidehoogveenestuifzand =3]	0	0	1	0	0
	[Heidehoogveenestuifzand =4]	0	0	0	1	0
	[Heidehoogveenestuifzand =5]	0	0	0	0	1
	[Heidehoogveenestuifzand =6]	0	0	0	0	0
	[Heidehoogveenestuifzand =7]	0	0	0	0	0
	[Heidehoogveenestuifzand =8]	0	0	0	0	0
	[Heidehoogveenestuifzand =9]	0	0	0	0	0
	[Heidehoogveenestuifzand =10]	0	0	0	0	0
	[Heidehoogveenestuifzand =11]	0	0	0	0	0
	[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250	0,250	0,250
	[strand=3]	0,250	0,250	0,250	0,250	0,250
	[strand=4]	0,250	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter		Heidehoogveenenstuifzand				
		6	7	8	9	10
Fixed Effects	Intercept	1	1	1	1	1
	SmokingRIVM	16,461	16,461	16,461	16,461	16,461
	ObesityRIVM	50,499	50,499	50,499	50,499	50,499
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	0	0	0	0	0
	[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250	0,250	0,250
	[strand=3]	0,250	0,250	0,250	0,250	0,250
	[strand=4]	0,250	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter		Heidehoogv.. 0 is ref
Fixed Effects	Intercept	1
	SmokingRIVM	16,461
	ObesityRIVM	50,499
	[Heidehoogveenenstuifzand =1]	0
	[Heidehoogveenenstuifzand =2]	0
	[Heidehoogveenenstuifzand =3]	0
	[Heidehoogveenenstuifzand =4]	0
	[Heidehoogveenenstuifzand =5]	0
	[Heidehoogveenenstuifzand =6]	0
	[Heidehoogveenenstuifzand =7]	0
	[Heidehoogveenenstuifzand =8]	0
	[Heidehoogveenenstuifzand =9]	0
	[Heidehoogveenenstuifzand =10]	0
	[Heidehoogveenenstuifzand =11]	1
	[Openagrarischedgebied=1]	0,250
	[Openagrarischedgebied=2]	0,250
	[Openagrarischedgebied=3]	0,250
	[Openagrarischedgebied=4]	0,250
	[strand=1]	0,250
	[strand=2]	0,250
	[strand=3]	0,250
	[strand=4]	0,250

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	1	2	3	4	5
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogveenenstuifzand				
	6	7	8	9	10
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Contrast Coefficients

Parameter	Heidehoogv.. 0 is ref
[Halfopenengeslotenagraris hgebied=1]	0,333
[Halfopenengeslotenagraris hgebied=2]	0,333
[Halfopenengeslotenagraris hgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

Estimates^a

Heidehoogveenstuifzand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	13,242 ^b	0,628	13043	12,010	14,474
2	14,920 ^b	0,286	8290,212	14,359	15,482
3	14,524 ^b	0,300	8840,576	13,936	15,112
4	14,384 ^b	0,254	6961,571	13,886	14,882
5	14,562 ^b	0,253	6870,222	14,065	15,059
6	14,502 ^b	0,249	6651,151	14,015	14,990
7	14,728 ^b	0,259	7146,253	14,220	15,235
8	14,293 ^b	0,268	7717,352	13,767	14,819
9	14,219 ^b	0,296	9129,815	13,639	14,799
10	14,506 ^b	0,416	12202,600	13,690	15,323
0 is ref	14,697 ^b	0,231	5644,997	14,245	15,149

a. Dependent Variable: StressRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
1	2	-1,678 [*]	0,617	12855,650
	3	-1,282 [*]	0,619	12839,219
	4	-1,142	0,601	12797,699
	5	-1,319 [*]	0,600	12804,691
	6	-1,260 [*]	0,595	12785,786
	7	-1,485 [*]	0,601	12805,441
	8	-1,051	0,601	12797,336
	9	-0,977	0,609	12784,245
	10	-1,264	0,668	12787,702
	0 is ref	-1,455 [*]	0,591	12775,108
	2	1	1,678 [*]	0,617	12855,650
3		0,396	0,242	13043
4		0,536 [*]	0,196	13039,931
5		0,358	0,201	12994,661
6		0,418 [*]	0,197	13041,358
7		0,193	0,209	13015,403
8		0,627 [*]	0,217	13043
9		0,701 [*]	0,234	13020,226
10		0,414	0,387	12961,618
0 is ref		0,223	0,172	12971,803
3		1	1,282 [*]	0,619	12839,219
	2	-0,396	0,242	13043
	4	0,140	0,196	13043
	5	-0,038	0,204	13043
	6	0,022	0,209	13043
	7	-0,203	0,217	13043
	8	0,231	0,228	13043
	9	0,305	0,264	13043
	10	0,018	0,394	12963,867
	0 is ref	-0,173	0,183	13043
	4	1	1,142	0,601	12797,699
2		-0,536 [*]	0,196	13039,931

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,007	-2,887	-0,468
	3	0,039	-2,496	-0,068
	4	0,057	-2,319	0,035
	5	0,028	-2,495	-0,144
	6	0,034	-2,425	-0,095
	7	0,013	-2,662	-0,308
	8	0,081	-2,229	0,128
	9	0,109	-2,170	0,217
	10	0,059	-2,574	0,046
	0 is ref	0,014	-2,613	-0,296
	2	1	0,007	0,468	2,887
3		0,102	-0,079	0,871
4		0,006	0,151	0,921
5		0,074	-0,035	0,752
6		0,034	0,032	0,803
7		0,356	-0,217	0,602
8		0,004	0,202	1,053
9		0,003	0,243	1,160
10		0,284	-0,344	1,172
0 is ref		0,194	-0,114	0,560
3		1	0,039	0,068
	2	0,102	-0,871	0,079
	4	0,477	-0,245	0,525
	5	0,853	-0,438	0,363
	6	0,917	-0,388	0,431
	7	0,348	-0,628	0,221
	8	0,310	-0,215	0,677
	9	0,247	-0,212	0,822
	10	0,964	-0,754	0,790
	0 is ref	0,344	-0,531	0,185
	4	1	0,057	-0,035
2		0,006	-0,921	-0,151

Pairwise Comparisons^a

(I) Heidehoogveenstuifzand	(J) Heidehoogveenstuifzand	Mean Difference (I-J)	Std. Error	df
	3	-0,140	0,196	13043
	5	-0,177	0,139	13043
	6	-0,118	0,141	13043
	7	-0,343 [*]	0,150	13043
	8	0,091	0,170	13043
	9	0,165	0,217	12974,268
	10	-0,122	0,364	12896,231
	0 is ref	-0,313 [*]	0,102	13043
5	1	1,319 [*]	0,600	12804,691
	2	-0,358	0,201	12994,661
	3	0,038	0,204	13043
	4	0,177	0,139	13043
	6	0,059	0,139	13043
	7	-0,166	0,156	13038,206
	8	0,269	0,173	13043
	9	0,343	0,220	13027,118
	10	0,056	0,365	12926,508
	0 is ref	-0,135	0,108	13009,057
6	1	1,260 [*]	0,595	12785,786
	2	-0,418 [*]	0,197	13041,358
	3	-0,022	0,209	13043
	4	0,118	0,141	13043
	5	-0,059	0,139	13043
	7	-0,225	0,154	13043
	8	0,209	0,167	13041,731
	9	0,283	0,212	12966,397
	10	-0,004	0,360	12895,681
	0 is ref	-0,195	0,105	13043
7	1	1,485 [*]	0,601	12805,441
	2	-0,193	0,209	13015,403
	3	0,203	0,217	13043
	4	0,343 [*]	0,150	13043
	5	0,166	0,156	13038,206
	6	0,225	0,154	13043
	8	0,435 [*]	0,166	13020,013
	9	0,509 [*]	0,214	12981,988
	10	0,221	0,361	12888,398
	0 is ref	0,031	0,123	13037,012
8	1	1,051	0,601	12797,336
	2	-0,627 [*]	0,217	13043

Pairwise Comparisons^a

(I) Heidehoogveenstuifzand	(J) Heidehoogveenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
	3	0,477	-0,525	0,245
	5	0,202	-0,450	0,095
	6	0,402	-0,394	0,158
	7	0,022	-0,636	-0,050
	8	0,590	-0,241	0,424
	9	0,445	-0,259	0,590
	10	0,738	-0,834	0,591
	0 is ref	0,002	-0,513	-0,112
5	1	0,028	0,144	2,495
	2	0,074	-0,752	0,035
	3	0,853	-0,363	0,438
	4	0,202	-0,095	0,450
	6	0,669	-0,213	0,332
	7	0,287	-0,471	0,140
	8	0,120	-0,070	0,608
	9	0,118	-0,088	0,774
	10	0,879	-0,660	0,771
	0 is ref	0,210	-0,346	0,076
6	1	0,034	0,095	2,425
	2	0,034	-0,803	-0,032
	3	0,917	-0,431	0,388
	4	0,402	-0,158	0,394
	5	0,669	-0,332	0,213
	7	0,143	-0,527	0,076
	8	0,209	-0,117	0,536
	9	0,181	-0,132	0,699
	10	0,992	-0,710	0,702
	0 is ref	0,064	-0,400	0,011
7	1	0,013	0,308	2,662
	2	0,356	-0,602	0,217
	3	0,348	-0,221	0,628
	4	0,022	0,050	0,636
	5	0,287	-0,140	0,471
	6	0,143	-0,076	0,527
	8	0,009	0,109	0,761
	9	0,018	0,088	0,929
	10	0,540	-0,487	0,929
	0 is ref	0,804	-0,211	0,272
8	1	0,081	-0,128	2,229
	2	0,004	-1,053	-0,202

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Mean Difference (I-J)	Std. Error	df
	3	-0,231	0,228	13043
	4	-0,091	0,170	13043
	5	-0,269	0,173	13043
	6	-0,209	0,167	13041,731
	7	-0,435*	0,166	13020,013
	9	0,074	0,214	12891,057
	10	-0,213	0,362	12869,184
	0 is ref	-0,404*	0,145	13043
	9	1	0,977	0,609	12784,245
2		-0,701*	0,234	13020,226
3		-0,305	0,264	13043
4		-0,165	0,217	12974,268
5		-0,343	0,220	13027,118
6		-0,283	0,212	12966,397
7		-0,509*	0,214	12981,988
8		-0,074	0,214	12891,057
10		-0,287	0,364	12812,759
0 is ref		-0,478*	0,195	12960,076
10	1	1,264	0,668	12787,702
	2	-0,414	0,387	12961,618
	3	-0,018	0,394	12963,867
	4	0,122	0,364	12896,231
	5	-0,056	0,365	12926,508
	6	0,004	0,360	12895,681
	7	-0,221	0,361	12888,398
	8	0,213	0,362	12869,184
	9	0,287	0,364	12812,759
	0 is ref	-0,191	0,351	12879,737
	0 is ref	1	1,455*	0,591	12775,108
2		-0,223	0,172	12971,803
3		0,173	0,183	13043
4		0,313*	0,102	13043
5		0,135	0,108	13009,057
6		0,195	0,105	13043
7		-0,031	0,123	13037,012
8		0,404*	0,145	13043
9		0,478*	0,195	12960,076
10		0,191	0,351	12879,737

Pairwise Comparisons^a

(I) Heidehoogveenenstuifzand	(J) Heidehoogveenenstuifzand	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
	3	0,310	-0,677	0,215
	4	0,590	-0,424	0,241
	5	0,120	-0,608	0,070
	6	0,209	-0,536	0,117
	7	0,009	-0,761	-0,109
	9	0,729	-0,345	0,493
	10	0,556	-0,923	0,497
	0 is ref	0,005	-0,689	-0,119
	9	1	0,109	-0,217	2,170
2		0,003	-1,160	-0,243
3		0,247	-0,822	0,212
4		0,445	-0,590	0,259
5		0,118	-0,774	0,088
6		0,181	-0,699	0,132
7		0,018	-0,929	-0,088
8		0,729	-0,493	0,345
10		0,430	-1,000	0,426
0 is ref		0,014	-0,860	-0,096
10	1	0,059	-0,046	2,574
	2	0,284	-1,172	0,344
	3	0,964	-0,790	0,754
	4	0,738	-0,591	0,834
	5	0,879	-0,771	0,660
	6	0,992	-0,702	0,710
	7	0,540	-0,929	0,487
	8	0,556	-0,497	0,923
	9	0,430	-0,426	1,000
	0 is ref	0,586	-0,878	0,497
0 is ref	1	0,014	0,296	2,613
	2	0,194	-0,560	0,114
	3	0,344	-0,185	0,531
	4	0,002	0,112	0,513
	5	0,210	-0,076	0,346
	6	0,064	-0,011	0,400
	7	0,804	-0,272	0,211
	8	0,005	0,119	0,689
	9	0,014	0,096	0,860
	10	0,586	-0,497	0,878

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: StressRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
25769803786	0,000	3,190	0,000

The F tests the effect of Heidehoogveenenstuifzand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: StressRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
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Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:26:24.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischedgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischedgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: StressRIVM.

Information Criteria^a

-2 Log Likelihood	51320,395
Akaike's Information Criterion (AIC)	51384,395
Hurvich and Tsai's Criterion (AICC)	51384,557
Bozdogan's Criterion (CAIC)	51655,700
Schwarz's Bayesian Criterion (BIC)	51623,700

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: StressRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,612
	Conditional	0,817

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	8822,988	1507,447	<0,001
SmokingRIVM	1	12906,796	26984,341	0,000
ObesityRIVM	1	12987,446	1942,911	0,000
Heidehoogveenenstuifzand	10	13015,929	3,190	<0,001
Openagrarisched gebied	3	13033,577	5,761	<0,001
strand	3	13038,255	11,186	<0,001
Halfopenengeslotenagrarisched gebied	2	12942,852	3,580	0,028
Duinen	4	12637,220	1,379	0,238
Bossen	3	13043	2,428	0,063
Moeras	2	13043	0,634	0,530

a. Dependent Variable: StressRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarisched gebied=1]	0,250
	[Openagrarisched gebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
Intercept		0
SmokingRIVM		1
ObesityRIVM		0
[Heidehoogveenenstuifzand =1]		0
[Heidehoogveenenstuifzand =2]		0
[Heidehoogveenenstuifzand =3]		0
[Heidehoogveenenstuifzand =4]		0
[Heidehoogveenenstuifzand =5]		0
[Heidehoogveenenstuifzand =6]		0
[Heidehoogveenenstuifzand =7]		0
[Heidehoogveenenstuifzand =8]		0
[Heidehoogveenenstuifzand =9]		0
[Heidehoogveenenstuifzand =10]		0
[Heidehoogveenenstuifzand =11]		0
[Openagrarischedgebied=1]		0
[Openagrarischedgebied=2]		0
[Openagrarischedgebied=3]		0
[Openagrarischedgebied=4]		0
[strand=1]		0
[strand=2]		0
[strand=3]		0
[strand=4]		0
[Halfopenengeslotenagrarischedgebied=1]		0
[Halfopenengeslotenagrarischedgebied=2]		0
[Halfopenengeslotenagrarischedgebied=3]		0
[Duinen=1]		0
[Duinen=2]		0
[Duinen=3]		0
[Duinen=4]		0
[Duinen=5]		0
[Bossen=1]		0
[Bossen=2]		0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarisc hgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenenstuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	1	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	1	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	1	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	1	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	1
	[Heidehoogveenenstuifzand =6]	0	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	0	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	0	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	0	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	0
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	1	0
[Halfopenengeslotenagrarisc hgebied=2]	0	1
[Halfopenengeslotenagrarisc hgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischgebied=1]	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrari shgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrari schgebied=1]	0	0
[Openagrari schgebied=2]	0	0
[Openagrari schgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	12,625647	0,195387	4579,870	64,619	0,000
SmokingRIVM	0,644153	0,003921	12906,796	164,269	0,000
ObesityRIVM	-0,148291	0,003364	12987,446	-44,078	0,000
[Heidehoogveenestuifzand =1]	-1,454557	0,590891	12775,108	-2,462	0,014
[Heidehoogveenestuifzand =2]	0,223288	0,171861	12971,803	1,299	0,194
[Heidehoogveenestuifzand =3]	-0,172828	0,182616	13043	-0,946	0,344
[Heidehoogveenestuifzand =4]	-0,312547	0,102243	13043	-3,057	0,002
[Heidehoogveenestuifzand =5]	-0,135083	0,107800	13009,057	-1,253	0,210
[Heidehoogveenestuifzand =6]	-0,194571	0,105008	13043	-1,853	0,064
[Heidehoogveenestuifzand =7]	0,030563	0,122988	13037,012	0,249	0,804
[Heidehoogveenestuifzand =8]	-0,404034	0,145325	13043	-2,780	0,005
[Heidehoogveenestuifzand =9]	-0,478023	0,194778	12960,076	-2,454	0,014
[Heidehoogveenestuifzand =10]	-0,190825	0,350741	12879,737	-0,544	0,586
[Heidehoogveenestuifzand =11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	-0,134664	0,051823	12949,045	-2,599	0,009
[Openagrarischgebied=2]	-0,291501	0,070500	12843,494	-4,135	<0,001
[Openagrarischgebied=3]	-0,229064	0,107851	13043	-2,124	0,034
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	-1,032057	0,227675	12994,042	-4,533	<0,001
[strand=2]	-0,558991	0,248791	13043	-2,247	0,025
[strand=3]	-0,709027	0,191856	13043	-3,696	<0,001
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisch gebied=1]	0,116253	0,046456	13043	2,502	0,012
[Halfopenengeslotenagrarisch gebied=2]	-0,291220	0,379490	12826,080	-0,767	0,443
[Halfopenengeslotenagrarisch gebied=3]	0 ^b	0	.	.	.
[Duinen=1]	-0,350483	0,199489	13033,897	-1,757	0,079
[Duinen=2]	-0,065687	0,166750	12637,313	-0,394	0,694
[Duinen=3]	-0,585906	0,326590	12873,357	-1,794	0,073
[Duinen=4]	-0,400053	0,610433	11848,592	-0,655	0,512
[Duinen=5]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	12,242595	13,008700
SmokingRIVM	0,636467	0,651840
ObesityRIVM	-0,154886	-0,141697
[Heidehoogveenestuifzand =1]	-2,612791	-0,296323
[Heidehoogveenestuifzand =2]	-0,113586	0,560161
[Heidehoogveenestuifzand =3]	-0,530783	0,185127
[Heidehoogveenestuifzand =4]	-0,512958	-0,112137
[Heidehoogveenestuifzand =5]	-0,346386	0,076220
[Heidehoogveenestuifzand =6]	-0,400402	0,011261
[Heidehoogveenestuifzand =7]	-0,210511	0,271637
[Heidehoogveenestuifzand =8]	-0,688893	-0,119176
[Heidehoogveenestuifzand =9]	-0,859816	-0,096230
[Heidehoogveenestuifzand =10]	-0,878330	0,496680
[Heidehoogveenestuifzand =11]	.	.
[Openagrarisched=1]	-0,236244	-0,033083
[Openagrarisched=2]	-0,429691	-0,153311
[Openagrarisched=3]	-0,440469	-0,017660
[Openagrarisched=4]	.	.
[strand=1]	-1,478334	-0,585780
[strand=2]	-1,046658	-0,071325
[strand=3]	-1,085093	-0,332961
[strand=4]	.	.
[Halfopenengeslotenagrarisched=1]	0,025192	0,207313
[Halfopenengeslotenagrarisched=2]	-1,035077	0,452636
[Halfopenengeslotenagrarisched=3]	.	.
[Duinen=1]	-0,741510	0,040545
[Duinen=2]	-0,392542	0,261167
[Duinen=3]	-1,226070	0,054258
[Duinen=4]	-1,596602	0,796496
[Duinen=5]	.	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Bossen=1]	0,112967	0,049058	13043	2,303	0,021
[Bossen=2]	-0,005670	0,070309	13043	-0,081	0,936
[Bossen=3]	0,009019	0,102742	13043	0,088	0,930
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	0,061507	0,137356	13043	0,448	0,654
[Moeras=2]	-0,045671	0,046444	13042,082	-0,983	0,325
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Bossen=1]	0,016805	0,209128
[Bossen=2]	-0,143485	0,132145
[Bossen=3]	-0,192371	0,210409
[Bossen=4]	.	.
[Moeras=1]	-0,207730	0,330745
[Moeras=2]	-0,136708	0,045366
[Moeras=3]	.	.

a. Dependent Variable: StressRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		2,703068	0,033908	79,718	0,000	2,637420
Intercept [subject = MunicipalityRIVM]	Variance	3,019653	0,239858	12,589	<0,001	2,584306

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		2,770350
Intercept [subject = MunicipalityRIVM]	Variance	3,528336

a. Dependent Variable: StressRIVM.

Estimated Marginal Means

Openagrarischgebied

Contrast Coefficients

Parameter	Open agrarisch gebied			
	1	2	3	0 is ref
Fixed Effects Intercept	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499
[Heidehoogveenestuifzand =1]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =2]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =3]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =4]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =5]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =6]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =7]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =8]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =9]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =10]	0,091	0,091	0,091	0,091
[Heidehoogveenestuifzand =11]	0,091	0,091	0,091	0,091
[Open agrarisch gebied=1]	1	0	0	0
[Open agrarisch gebied=2]	0	1	0	0
[Open agrarisch gebied=3]	0	0	1	0
[Open agrarisch gebied=4]	0	0	0	1
[strand=1]	0,250	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250	0,250
[Halfopenengsloten agrarisch gebied=1]	0,333	0,333	0,333	0,333
[Halfopenengsloten agrarisch gebied=2]	0,333	0,333	0,333	0,333
[Halfopenengsloten agrarisch gebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	Openagrarischgebied			
	1	2	3	0 is ref
[Bossen=2]	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

Openagrarischgebied	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	14,445 ^b	0,244	6445,916	13,967	14,924
2	14,289 ^b	0,248	6654,797	13,803	14,774
3	14,351 ^b	0,253	6946,566	13,855	14,847
0 is ref	14,580 ^b	0,247	6515,424	14,096	15,064

a. Dependent Variable: StressRIVM.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Openagrarischgebied	(J) Openagrarischgebied	Mean Difference (I-J)	Std. Error	df
1	2	0,157 [*]	0,061	13043
	3	0,094	0,101	13043
	0 is ref	-0,135 [*]	0,052	12949,045
2	1	-0,157 [*]	0,061	13043
	3	-0,062	0,096	12994,443
	0 is ref	-0,292 [*]	0,070	12843,494
3	1	-0,094	0,101	13043
	2	0,062	0,096	12994,443
	0 is ref	-0,229 [*]	0,108	13043
0 is ref	1	0,135 [*]	0,052	12949,045
	2	0,292 [*]	0,070	12843,494
	3	0,229 [*]	0,108	13043

Pairwise Comparisons^a

(I) Openagrarischgebiet	(J) Openagrarischgebiet	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,010	0,038	0,276
	3	0,352	-0,104	0,293
	0 is ref	0,009	-0,236	-0,033
2	1	0,010	-0,276	-0,038
	3	0,515	-0,250	0,125
	0 is ref	<0,001	-0,430	-0,153
3	1	0,352	-0,293	0,104
	2	0,515	-0,125	0,250
	0 is ref	0,034	-0,440	-0,018
0 is ref	1	0,009	0,033	0,236
	2	<0,001	0,153	0,430
	3	0,034	0,018	0,440

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: StressRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	12998,696	5,761	<0,001

The F tests the effect of Openagrarischgebiet. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: StressRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:26:25.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: StressRIVM.

Information Criteria^a

-2 Log Likelihood	51320,395
Akaike's Information Criterion (AIC)	51384,395
Hurvich and Tsai's Criterion (AICC)	51384,557
Bozdogan's Criterion (CAIC)	51655,700
Schwarz's Bayesian Criterion (BIC)	51623,700

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: StressRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,612
	Conditional	0,817

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	8822,988	1507,447	<0,001
SmokingRIVM	1	12906,796	26984,341	0,000
ObesityRIVM	1	12987,446	1942,911	0,000
Heidehoogveenestuifzand	10	13015,929	3,190	<0,001
Openagrarischgebied	3	13033,577	5,761	<0,001
strand	3	13038,255	11,186	<0,001
Halfopenengslotenagrarischgebied	2	12942,852	3,580	0,028
Duinen	4	12637,220	1,379	0,238
Bossen	3	13043	2,428	0,063
Moeras	2	13043	0,634	0,530

a. Dependent Variable: StressRIVM.

Type III Estimable Functions

Intercept

L1

Fixed Effects		L1
Intercept		1
SmokingRIVM		0
ObesityRIVM		0
[Heidehoogveenenstuifzand =1]		0,091
[Heidehoogveenenstuifzand =2]		0,091
[Heidehoogveenenstuifzand =3]		0,091
[Heidehoogveenenstuifzand =4]		0,091
[Heidehoogveenenstuifzand =5]		0,091
[Heidehoogveenenstuifzand =6]		0,091
[Heidehoogveenenstuifzand =7]		0,091
[Heidehoogveenenstuifzand =8]		0,091
[Heidehoogveenenstuifzand =9]		0,091
[Heidehoogveenenstuifzand =10]		0,091
[Heidehoogveenenstuifzand =11]		0,091
[Openagrarischedgebied=1]		0,250
[Openagrarischedgebied=2]		0,250
[Openagrarischedgebied=3]		0,250
[Openagrarischedgebied=4]		0,250
[strand=1]		0,250
[strand=2]		0,250
[strand=3]		0,250
[strand=4]		0,250
[Halfopenengeslotenagrarischedgebied=1]		0,333
[Halfopenengeslotenagrarischedgebied=2]		0,333
[Halfopenengeslotenagrarischedgebied=3]		0,333
[Duinen=1]		0,200
[Duinen=2]		0,200
[Duinen=3]		0,200
[Duinen=4]		0,200
[Duinen=5]		0,200
[Bossen=1]		0,250
[Bossen=2]		0,250

Intercept

L1

[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand=1]	0
	[Heidehoogveenenstuifzand=2]	0
	[Heidehoogveenenstuifzand=3]	0
	[Heidehoogveenenstuifzand=4]	0
	[Heidehoogveenenstuifzand=5]	0
	[Heidehoogveenenstuifzand=6]	0
	[Heidehoogveenenstuifzand=7]	0
	[Heidehoogveenenstuifzand=8]	0
	[Heidehoogveenenstuifzand=9]	0
	[Heidehoogveenenstuifzand=10]	0
	[Heidehoogveenenstuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0

SmokingRIVM

L2

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects		
Intercept		0
SmokingRIVM		0
ObesityRIVM		1
[Heidehoogveenestuifzand=1]		0
[Heidehoogveenestuifzand=2]		0
[Heidehoogveenestuifzand=3]		0
[Heidehoogveenestuifzand=4]		0
[Heidehoogveenestuifzand=5]		0
[Heidehoogveenestuifzand=6]		0
[Heidehoogveenestuifzand=7]		0
[Heidehoogveenestuifzand=8]		0
[Heidehoogveenestuifzand=9]		0
[Heidehoogveenestuifzand=10]		0
[Heidehoogveenestuifzand=11]		0
[Openagrarischgebied=1]		0
[Openagrarischgebied=2]		0
[Openagrarischgebied=3]		0

ObesityRIVM

L3

[Openagrarischgebied=4]	0
[strand=1]	0
[strand=2]	0
[strand=3]	0
[strand=4]	0
[Halfopenengeslotenagrarisc hgebied=1]	0
[Halfopenengeslotenagrarisc hgebied=2]	0
[Halfopenengeslotenagrarisc hgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenstuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand =1]	1	0	0	0	0
	[Heidehoogveenstuifzand =2]	0	1	0	0	0
	[Heidehoogveenstuifzand =3]	0	0	1	0	0
	[Heidehoogveenstuifzand =4]	0	0	0	1	0
	[Heidehoogveenstuifzand =5]	0	0	0	0	1
	[Heidehoogveenstuifzand =6]	0	0	0	0	0
	[Heidehoogveenstuifzand =7]	0	0	0	0	0
	[Heidehoogveenstuifzand =8]	0	0	0	0	0
	[Heidehoogveenstuifzand =9]	0	0	0	0	0
	[Heidehoogveenstuifzand =10]	0	0	0	0	0
	[Heidehoogveenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarisch gebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

	L4	L5	L6	L7	L8
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenestuifzand

	L9	L10	L11	L12	L13
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

	L15	L16	L17
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenestuifzand =1]	0	0	0
[Heidehoogveenestuifzand =2]	0	0	0
[Heidehoogveenestuifzand =3]	0	0	0
[Heidehoogveenestuifzand =4]	0	0	0
[Heidehoogveenestuifzand =5]	0	0	0
[Heidehoogveenestuifzand =6]	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0
[Openagrarischgebied=1]	1	0	0
[Openagrarischgebied=2]	0	1	0
[Openagrarischgebied=3]	0	0	1
[Openagrarischgebied=4]	-1	-1	-1

Open agrarisch gebied

	L15	L16	L17
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengslotenagraris hgebied=1]	0	0	0
[Halfopenengslotenagraris hgebied=2]	0	0	0
[Halfopenengslotenagraris hgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

		L19	L20	L21
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischedgebied=1]	0	0	0
	[Openagrarischedgebied=2]	0	0	0
	[Openagrarischedgebied=3]	0	0	0
	[Openagrarischedgebied=4]	0	0	0
	[strand=1]	1	0	0
	[strand=2]	0	1	0
	[strand=3]	0	0	1
	[strand=4]	-1	-1	-1
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

strand

	L19	L20	L21
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischedgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	1	0
[Halfopenengeslotenagrarischedgebied=2]	0	1

Halfopenengeslotenagrarischgebied

	L23	L24
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L26	L27	L28	L29
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L31	L32	L33
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	0	0	0
	[Openagrarischgebied=2]	0	0	0
	[Openagrarischgebied=3]	0	0	0
	[Openagrarischgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0

Bossen

	L31	L32	L33
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0

Moeras

	L35	L36
[Halfopenengeslotenagrarischgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	12,625647	0,195387	4579,870	64,619	0,000
SmokingRIVM	0,644153	0,003921	12906,796	164,269	0,000
ObesityRIVM	-0,148291	0,003364	12987,446	-44,078	0,000
[Heidehoogveenestuifzand=1]	-1,454557	0,590891	12775,108	-2,462	0,014
[Heidehoogveenestuifzand=2]	0,223288	0,171861	12971,803	1,299	0,194
[Heidehoogveenestuifzand=3]	-0,172828	0,182616	13043	-0,946	0,344
[Heidehoogveenestuifzand=4]	-0,312547	0,102243	13043	-3,057	0,002
[Heidehoogveenestuifzand=5]	-0,135083	0,107800	13009,057	-1,253	0,210
[Heidehoogveenestuifzand=6]	-0,194571	0,105008	13043	-1,853	0,064
[Heidehoogveenestuifzand=7]	0,030563	0,122988	13037,012	0,249	0,804
[Heidehoogveenestuifzand=8]	-0,404034	0,145325	13043	-2,780	0,005
[Heidehoogveenestuifzand=9]	-0,478023	0,194778	12960,076	-2,454	0,014
[Heidehoogveenestuifzand=10]	-0,190825	0,350741	12879,737	-0,544	0,586
[Heidehoogveenestuifzand=11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	-0,134664	0,051823	12949,045	-2,599	0,009

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	12,242595	13,008700
SmokingRIVM	0,636467	0,651840
ObesityRIVM	-0,154886	-0,141697
[Heidehoogveenenstuifzand =1]	-2,612791	-0,296323
[Heidehoogveenenstuifzand =2]	-0,113586	0,560161
[Heidehoogveenenstuifzand =3]	-0,530783	0,185127
[Heidehoogveenenstuifzand =4]	-0,512958	-0,112137
[Heidehoogveenenstuifzand =5]	-0,346386	0,076220
[Heidehoogveenenstuifzand =6]	-0,400402	0,011261
[Heidehoogveenenstuifzand =7]	-0,210511	0,271637
[Heidehoogveenenstuifzand =8]	-0,688893	-0,119176
[Heidehoogveenenstuifzand =9]	-0,859816	-0,096230
[Heidehoogveenenstuifzand =10]	-0,878330	0,496680
[Heidehoogveenenstuifzand =11]	.	.
[Openagrarischedgebied=1]	-0,236244	-0,033083

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Openagrarischgebiet=2]	-0,291501	0,070500	12843,494	-4,135	<0,001
[Openagrarischgebiet=3]	-0,229064	0,107851	13043	-2,124	0,034
[Openagrarischgebiet=4]	0 ^b	0	.	.	.
[strand=1]	-1,032057	0,227675	12994,042	-4,533	<0,001
[strand=2]	-0,558991	0,248791	13043	-2,247	0,025
[strand=3]	-0,709027	0,191856	13043	-3,696	<0,001
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisc hgebiet=1]	0,116253	0,046456	13043	2,502	0,012
[Halfopenengeslotenagrarisc hgebiet=2]	-0,291220	0,379490	12826,080	-0,767	0,443
[Halfopenengeslotenagrarisc hgebiet=3]	0 ^b	0	.	.	.
[Duinen=1]	-0,350483	0,199489	13033,897	-1,757	0,079
[Duinen=2]	-0,065687	0,166750	12637,313	-0,394	0,694
[Duinen=3]	-0,585906	0,326590	12873,357	-1,794	0,073
[Duinen=4]	-0,400053	0,610433	11848,592	-0,655	0,512
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	0,112967	0,049058	13043	2,303	0,021
[Bossen=2]	-0,005670	0,070309	13043	-0,081	0,936
[Bossen=3]	0,009019	0,102742	13043	0,088	0,930
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	0,061507	0,137356	13043	0,448	0,654
[Moeras=2]	-0,045671	0,046444	13042,082	-0,983	0,325
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Openagrarischgebied=2]	-0,429691	-0,153311
[Openagrarischgebied=3]	-0,440469	-0,017660
[Openagrarischgebied=4]	.	.
[strand=1]	-1,478334	-0,585780
[strand=2]	-1,046658	-0,071325
[strand=3]	-1,085093	-0,332961
[strand=4]	.	.
[Halfopenengeslotenagrarisc hgebied=1]	0,025192	0,207313
[Halfopenengeslotenagrarisc hgebied=2]	-1,035077	0,452636
[Halfopenengeslotenagrarisc hgebied=3]	.	.
[Duinen=1]	-0,741510	0,040545
[Duinen=2]	-0,392542	0,261167
[Duinen=3]	-1,226070	0,054258
[Duinen=4]	-1,596602	0,796496
[Duinen=5]	.	.
[Bossen=1]	0,016805	0,209128
[Bossen=2]	-0,143485	0,132145
[Bossen=3]	-0,192371	0,210409
[Bossen=4]	.	.
[Moeras=1]	-0,207730	0,330745
[Moeras=2]	-0,136708	0,045366
[Moeras=3]	.	.

a. Dependent Variable: StressRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		2,703068	0,033908	79,718	0,000	2,637420
Intercept [subject = MunicipalityRIVM]	Variance	3,019653	0,239858	12,589	<0,001	2,584306

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		2,770350
Intercept [subject = MunicipalityRIVM]	Variance	3,528336

a. Dependent Variable: StressRIVM.

Estimated Marginal Means

strand

Contrast Coefficients

Parameter		strand			
		1	2	3	0 is ref
Fixed Effects	Intercept	1	1	1	1
	SmokingRIVM	16,461	16,461	16,461	16,461
	ObesityRIVM	50,499	50,499	50,499	50,499
	[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091
	[Openagrarischgebied=1]	0,250	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250	0,250
	[strand=1]	1	0	0	0
	[strand=2]	0	1	0	0
	[strand=3]	0	0	1	0
	[strand=4]	0	0	0	1

Contrast Coefficients

Parameter	strand			
	1	2	3	0 is ref
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

strand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	13,959 ^b	0,327	10393,974	13,317	14,601
2	14,432 ^b	0,310	9004,190	13,824	15,040
3	14,282 ^b	0,275	8286,072	13,743	14,822
0 is ref	14,991 ^b	0,246	6558,393	14,508	15,474

a. Dependent Variable: StressRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) strand	(J) strand	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ^c ... Lower Bound
1	2	-0,473	0,319	13024,430	0,138	-1,098
	3	-0,323	0,286	13031,986	0,259	-0,884
	0 is ref	-1,032*	0,228	12994,042	<0,001	-1,478
2	1	0,473	0,319	13024,430	0,138	-0,152
	3	0,150	0,290	13043	0,605	-0,419
	0 is ref	-0,559*	0,249	13043	0,025	-1,047
3	1	0,323	0,286	13031,986	0,259	-0,238
	2	-0,150	0,290	13043	0,605	-0,719
	0 is ref	-0,709*	0,192	13043	<0,001	-1,085
0 is ref	1	1,032*	0,228	12994,042	<0,001	0,586
	2	0,559*	0,249	13043	0,025	0,071
	3	0,709*	0,192	13043	<0,001	0,333

Pairwise Comparisons^a

(I) strand	(J) strand	95% Confidence Interval for ^c ... Upper Bound
1	2	0,152
	3	0,238
	0 is ref	-0,586
2	1	1,098
	3	0,719
	0 is ref	-0,071
3	1	0,884
	2	0,419
	0 is ref	-0,333
0 is ref	1	1,478
	2	1,047
	3	1,085

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: StressRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	13036,669	11,186	<0,001

The F tests the effect of strand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: StressRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:26:26.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischedgebied	
	strand	
	Halfopenengeslotenagrarischedgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: StressRIVM.

Information Criteria^a

-2 Log Likelihood	51320,395
Akaike's Information Criterion (AIC)	51384,395
Hurvich and Tsai's Criterion (AICC)	51384,557
Bozdogan's Criterion (CAIC)	51655,700
Schwarz's Bayesian Criterion (BIC)	51623,700

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable: StressRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,612
	Conditional	0,817

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	8822,988	1507,447	<0,001
SmokingRIVM	1	12906,796	26984,341	0,000
ObesityRIVM	1	12987,446	1942,911	0,000
Heidehoogveenenstuifzand	10	13015,929	3,190	<0,001
Openagrarischgebied	3	13033,577	5,761	<0,001
strand	3	13038,255	11,186	<0,001
Halfopenengeslotenagrarischgebied	2	12942,852	3,580	0,028
Duinen	4	12637,220	1,379	0,238
Bossen	3	13043	2,428	0,063
Moeras	2	13043	0,634	0,530

a. Dependent Variable: StressRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand=1]	0
	[Heidehoogveenenstuifzand=2]	0
	[Heidehoogveenenstuifzand=3]	0
	[Heidehoogveenenstuifzand=4]	0
	[Heidehoogveenenstuifzand=5]	0
	[Heidehoogveenenstuifzand=6]	0
	[Heidehoogveenenstuifzand=7]	0
	[Heidehoogveenenstuifzand=8]	0
	[Heidehoogveenenstuifzand=9]	0
	[Heidehoogveenenstuifzand=10]	0
	[Heidehoogveenenstuifzand=11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenenstuifzand =1]	0
	[Heidehoogveenenstuifzand =2]	0
	[Heidehoogveenenstuifzand =3]	0
	[Heidehoogveenenstuifzand =4]	0
	[Heidehoogveenenstuifzand =5]	0
	[Heidehoogveenenstuifzand =6]	0
	[Heidehoogveenenstuifzand =7]	0
	[Heidehoogveenenstuifzand =8]	0
	[Heidehoogveenenstuifzand =9]	0
	[Heidehoogveenenstuifzand =10]	0
	[Heidehoogveenenstuifzand =11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenenstuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand=1]	1	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	1	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	1	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	1	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0	1
	[Heidehoogveenenstuifzand=6]	0	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0	0
	[Heidehoogveenenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand =1]	0	0	0	0	0
	[Heidehoogveenenstuifzand =2]	0	0	0	0	0
	[Heidehoogveenenstuifzand =3]	0	0	0	0	0
	[Heidehoogveenenstuifzand =4]	0	0	0	0	0
	[Heidehoogveenenstuifzand =5]	0	0	0	0	0
	[Heidehoogveenenstuifzand =6]	1	0	0	0	0
	[Heidehoogveenenstuifzand =7]	0	1	0	0	0
	[Heidehoogveenenstuifzand =8]	0	0	1	0	0
	[Heidehoogveenenstuifzand =9]	0	0	0	1	0
	[Heidehoogveenenstuifzand =10]	0	0	0	0	1
	[Heidehoogveenenstuifzand =11]	-1	-1	-1	-1	-1
	[Openagrarischedgebied=1]	0	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenestuifzand=1]	0	0
[Heidehoogveenestuifzand=2]	0	0
[Heidehoogveenestuifzand=3]	0	0
[Heidehoogveenestuifzand=4]	0	0
[Heidehoogveenestuifzand=5]	0	0
[Heidehoogveenestuifzand=6]	0	0
[Heidehoogveenestuifzand=7]	0	0
[Heidehoogveenestuifzand=8]	0	0
[Heidehoogveenestuifzand=9]	0	0
[Heidehoogveenestuifzand=10]	0	0
[Heidehoogveenestuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	1	0
[Halfopenengeslotenagrarisc hgebied=2]	0	1
[Halfopenengeslotenagrarisc hgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischgebied=1]	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrari shgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand =1]	0	0
[Heidehoogveenenstuifzand =2]	0	0
[Heidehoogveenenstuifzand =3]	0	0
[Heidehoogveenenstuifzand =4]	0	0
[Heidehoogveenenstuifzand =5]	0	0
[Heidehoogveenenstuifzand =6]	0	0
[Heidehoogveenenstuifzand =7]	0	0
[Heidehoogveenenstuifzand =8]	0	0
[Heidehoogveenenstuifzand =9]	0	0
[Heidehoogveenenstuifzand =10]	0	0
[Heidehoogveenenstuifzand =11]	0	0
[Openagrari schgebied=1]	0	0
[Openagrari schgebied=2]	0	0
[Openagrari schgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	12,625647	0,195387	4579,870	64,619	0,000
SmokingRIVM	0,644153	0,003921	12906,796	164,269	0,000
ObesityRIVM	-0,148291	0,003364	12987,446	-44,078	0,000
[Heidehoogveenestuifzand =1]	-1,454557	0,590891	12775,108	-2,462	0,014
[Heidehoogveenestuifzand =2]	0,223288	0,171861	12971,803	1,299	0,194
[Heidehoogveenestuifzand =3]	-0,172828	0,182616	13043	-0,946	0,344
[Heidehoogveenestuifzand =4]	-0,312547	0,102243	13043	-3,057	0,002
[Heidehoogveenestuifzand =5]	-0,135083	0,107800	13009,057	-1,253	0,210
[Heidehoogveenestuifzand =6]	-0,194571	0,105008	13043	-1,853	0,064
[Heidehoogveenestuifzand =7]	0,030563	0,122988	13037,012	0,249	0,804
[Heidehoogveenestuifzand =8]	-0,404034	0,145325	13043	-2,780	0,005
[Heidehoogveenestuifzand =9]	-0,478023	0,194778	12960,076	-2,454	0,014
[Heidehoogveenestuifzand =10]	-0,190825	0,350741	12879,737	-0,544	0,586
[Heidehoogveenestuifzand =11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	-0,134664	0,051823	12949,045	-2,599	0,009
[Openagrarischgebied=2]	-0,291501	0,070500	12843,494	-4,135	<0,001
[Openagrarischgebied=3]	-0,229064	0,107851	13043	-2,124	0,034
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	-1,032057	0,227675	12994,042	-4,533	<0,001
[strand=2]	-0,558991	0,248791	13043	-2,247	0,025
[strand=3]	-0,709027	0,191856	13043	-3,696	<0,001
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisch gebied=1]	0,116253	0,046456	13043	2,502	0,012
[Halfopenengeslotenagrarisch gebied=2]	-0,291220	0,379490	12826,080	-0,767	0,443
[Halfopenengeslotenagrarisch gebied=3]	0 ^b	0	.	.	.
[Duinen=1]	-0,350483	0,199489	13033,897	-1,757	0,079
[Duinen=2]	-0,065687	0,166750	12637,313	-0,394	0,694
[Duinen=3]	-0,585906	0,326590	12873,357	-1,794	0,073
[Duinen=4]	-0,400053	0,610433	11848,592	-0,655	0,512
[Duinen=5]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	12,242595	13,008700
SmokingRIVM	0,636467	0,651840
ObesityRIVM	-0,154886	-0,141697
[Heidehoogveenestuifzand =1]	-2,612791	-0,296323
[Heidehoogveenestuifzand =2]	-0,113586	0,560161
[Heidehoogveenestuifzand =3]	-0,530783	0,185127
[Heidehoogveenestuifzand =4]	-0,512958	-0,112137
[Heidehoogveenestuifzand =5]	-0,346386	0,076220
[Heidehoogveenestuifzand =6]	-0,400402	0,011261
[Heidehoogveenestuifzand =7]	-0,210511	0,271637
[Heidehoogveenestuifzand =8]	-0,688893	-0,119176
[Heidehoogveenestuifzand =9]	-0,859816	-0,096230
[Heidehoogveenestuifzand =10]	-0,878330	0,496680
[Heidehoogveenestuifzand =11]	.	.
[Openagrarischgebied=1]	-0,236244	-0,033083
[Openagrarischgebied=2]	-0,429691	-0,153311
[Openagrarischgebied=3]	-0,440469	-0,017660
[Openagrarischgebied=4]	.	.
[strand=1]	-1,478334	-0,585780
[strand=2]	-1,046658	-0,071325
[strand=3]	-1,085093	-0,332961
[strand=4]	.	.
[Halfopenengeslotenagrarisch gebied=1]	0,025192	0,207313
[Halfopenengeslotenagrarisch gebied=2]	-1,035077	0,452636
[Halfopenengeslotenagrarisch gebied=3]	.	.
[Duinen=1]	-0,741510	0,040545
[Duinen=2]	-0,392542	0,261167
[Duinen=3]	-1,226070	0,054258
[Duinen=4]	-1,596602	0,796496
[Duinen=5]	.	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Bossen=1]	0,112967	0,049058	13043	2,303	0,021
[Bossen=2]	-0,005670	0,070309	13043	-0,081	0,936
[Bossen=3]	0,009019	0,102742	13043	0,088	0,930
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	0,061507	0,137356	13043	0,448	0,654
[Moeras=2]	-0,045671	0,046444	13042,082	-0,983	0,325
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Bossen=1]	0,016805	0,209128
[Bossen=2]	-0,143485	0,132145
[Bossen=3]	-0,192371	0,210409
[Bossen=4]	.	.
[Moeras=1]	-0,207730	0,330745
[Moeras=2]	-0,136708	0,045366
[Moeras=3]	.	.

a. Dependent Variable: StressRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		2,703068	0,033908	79,718	0,000	2,637420
Intercept [subject = MunicipalityRIVM]	Variance	3,019653	0,239858	12,589	<0,001	2,584306

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		2,770350
Intercept [subject = MunicipalityRIVM]	Variance	3,528336

a. Dependent Variable: StressRIVM.

Estimated Marginal Means

Halfopenengeslotenagrarischesgebied

Contrast Coefficients

Parameter	Halfopenengeslotenagrarischgebied		
	1	2	0 is ref
Fixed Effects Intercept	1	1	1
SmokingRIVM	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499
[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091
[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091
[Openagrarischgebied=1]	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250
[strand=1]	0,250	0,250	0,250
[strand=2]	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250
[strand=4]	0,250	0,250	0,250
[Halfopenengeslotenagrarisch gebied=1]	1	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	1	0
[Halfopenengeslotenagrarisch gebied=3]	0	0	1
[Duinen=1]	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250

Contrast Coefficients

Parameter	Halfopenengeslotenagrarischedgebied		
	1	2	0 is ref
[Bossen=2]	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333

Estimates^a

Halfopenengeslotenagrarischedgebied	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	14,591 ^b	0,207	4150,570	14,185	14,996
2	14,183 ^b	0,433	12430,645	13,335	15,032
0 is ref	14,475 ^b	0,207	4155,145	14,069	14,881

a. Dependent Variable: StressRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Halfopenengeslotenagrarischedgebied	(J) Halfopenengeslotenagrarischedgebied	Mean Difference (I-J)	Std. Error	df
1	2	0,407	0,379	12827,497
	0 is ref	0,116 [*]	0,046	13043
2	1	-0,407	0,379	12827,497
	0 is ref	-0,291	0,379	12826,080
0 is ref	1	-0,116 [*]	0,046	13043
	2	0,291	0,379	12826,080

Pairwise Comparisons^a

(I) Halfopenengeslotenagrarischedgebied	(J) Halfopenengeslotenagrarischedgebied	Sig. ^c	95% Confidence Interval for Difference ^c	
			Lower Bound	Upper Bound
1	2	0,282	-0,335	1,150
	0 is ref	0,012	0,025	0,207
2	1	0,282	-1,150	0,335
	0 is ref	0,443	-1,035	0,453
0 is ref	1	0,012	-0,207	-0,025
	2	0,443	-0,453	1,035

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: StressRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
2	12943,726	3,580	0,028

The F tests the effect of Halfopenengeslotenagrarischngebieb. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: StressRIVM.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischngebieb	4		3
	strand	4		3
	Halfopenengeslotenagrarischngebieb	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: ExerciseNormRIVM.

Information Criteria^a

-2 Log Likelihood	65062,244
Akaike's Information Criterion (AIC)	65126,244
Hurvich and Tsai's Criterion (AICC)	65126,406
Bozdogan's Criterion (CAIC)	65397,549
Schwarz's Bayesian Criterion (BIC)	65365,549

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
ExerciseNormRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,426
	Conditional	0,745

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	8242,471	26654,624	0,000
SmokingRIVM	1	12878,254	5,258	0,022
ObesityRIVM	1	12960,541	10519,078	0,000
Heidehoogveenenstuifzand	10	13006,430	1,783	0,058
Openagrarischgebied	3	13043	2,540	0,055
strand	3	13021,971	3,087	0,026
Halfopenengeslotenagrarischgebied	2	12932,227	2,619	0,073
Duinen	4	12724,150	22,829	<0,001
Bossen	3	13043	1,797	0,145
Moeras	2	13043	2,935	0,053

a. Dependent Variable: ExercicioNormRIVM.

Type III Estimable Functions

Intercept

		L1
Fixed Effects	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarischgebied=1]	0,250
	[Openagrarischgebied=2]	0,250

Intercept

L1

[Openagrarischgebied=3]	0,250
[Openagrarischgebied=4]	0,250
[strand=1]	0,250
[strand=2]	0,250
[strand=3]	0,250
[strand=4]	0,250
[Halfopenengeslotenagrarischgebied=1]	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333
[Duinen=1]	0,200
[Duinen=2]	0,200
[Duinen=3]	0,200
[Duinen=4]	0,200
[Duinen=5]	0,200
[Bossen=1]	0,250
[Bossen=2]	0,250
[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
	Intercept	0
	SmokingRIVM	1
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0
	[Heidehoogveenenstuifzand =2]	0
	[Heidehoogveenenstuifzand =3]	0
	[Heidehoogveenenstuifzand =4]	0
	[Heidehoogveenenstuifzand =5]	0
	[Heidehoogveenenstuifzand =6]	0
	[Heidehoogveenenstuifzand =7]	0
	[Heidehoogveenenstuifzand =8]	0
	[Heidehoogveenenstuifzand =9]	0
	[Heidehoogveenenstuifzand =10]	0
	[Heidehoogveenenstuifzand =11]	0
	[Openagrarischedgebied=1]	0
	[Openagrarischedgebied=2]	0
	[Openagrarischedgebied=3]	0
	[Openagrarischedgebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengeslotenagrarischedgebied=1]	0
	[Halfopenengeslotenagrarischedgebied=2]	0
	[Halfopenengeslotenagrarischedgebied=3]	0
	[Duinen=1]	0
	[Duinen=2]	0
	[Duinen=3]	0
	[Duinen=4]	0
	[Duinen=5]	0
	[Bossen=1]	0
	[Bossen=2]	0

SmokingRIVM

L2

[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarisched gebied=1]	0
	[Openagrarisched gebied=2]	0
	[Openagrarisched gebied=3]	0
	[Openagrarisched gebied=4]	0
	[strand=1]	0
	[strand=2]	0
	[strand=3]	0
	[strand=4]	0
	[Halfopenengesloten agrarisch gebied=1]	0
	[Halfopenengesloten agrarisch gebied=2]	0

ObesityRIVM

L3

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenestuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	1	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	1	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	1	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	1	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	1
	[Heidehoogveenestuifzand=6]	0	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	0	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	0	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	0	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	0
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0	0
	[Heidehoogveenenstuifzand=6]	1	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	1	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	1	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	1	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0	1
	[Heidehoogveenenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L4	L5	L6	L7	L8
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenenstuifzand

	L9	L10	L11	L12	L13
[Openagrarischgebied=4]	0	0	0	0	0
[strand=1]	0	0	0	0	0
[strand=2]	0	0	0	0	0
[strand=3]	0	0	0	0	0
[strand=4]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
[Duinen=1]	0	0	0	0	0
[Duinen=2]	0	0	0	0	0
[Duinen=3]	0	0	0	0	0
[Duinen=4]	0	0	0	0	0
[Duinen=5]	0	0	0	0	0
[Bossen=1]	0	0	0	0	0
[Bossen=2]	0	0	0	0	0
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

		L15	L16	L17
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischgebied=1]	1	0	0
	[Openagrarischgebied=2]	0	1	0
	[Openagrarischgebied=3]	0	0	1
	[Openagrarischgebied=4]	-1	-1	-1
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

Openagrarischgebied

	L15	L16	L17
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

	L19	L20	L21
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand =1]	0	0	0
[Heidehoogveenenstuifzand =2]	0	0	0
[Heidehoogveenenstuifzand =3]	0	0	0
[Heidehoogveenenstuifzand =4]	0	0	0
[Heidehoogveenenstuifzand =5]	0	0	0
[Heidehoogveenenstuifzand =6]	0	0	0
[Heidehoogveenenstuifzand =7]	0	0	0
[Heidehoogveenenstuifzand =8]	0	0	0
[Heidehoogveenenstuifzand =9]	0	0	0
[Heidehoogveenenstuifzand =10]	0	0	0
[Heidehoogveenenstuifzand =11]	0	0	0
[Openagrarischgebied=1]	0	0	0
[Openagrarischgebied=2]	0	0	0
[Openagrarischgebied=3]	0	0	0
[Openagrarischgebied=4]	0	0	0
[strand=1]	1	0	0
[strand=2]	0	1	0
[strand=3]	0	0	1
[strand=4]	-1	-1	-1
[Halfopenengeslotenagrarisch gebied=1]	0	0	0
[Halfopenengeslotenagrarisch gebied=2]	0	0	0

strand

	L19	L20	L21
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Halfopenengeslotenagrarischgebied

	L23	L24
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischgebied=1]	1	0
[Halfopenengeslotenagrarischgebied=2]	0	1
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

		L26	L27	L28	L29
Fixed Effects	Intercept	0	0	0	0
	SmokingRIVM	0	0	0	0
	ObesityRIVM	0	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0	0
	[Openagrarischedgebied=1]	0	0	0	0
	[Openagrarischedgebied=2]	0	0	0	0
	[Openagrarischedgebied=3]	0	0	0	0
	[Openagrarischedgebied=4]	0	0	0	0
	[strand=1]	0	0	0	0
	[strand=2]	0	0	0	0
	[strand=3]	0	0	0	0
	[strand=4]	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0	0
	[Duinen=1]	1	0	0	0
	[Duinen=2]	0	1	0	0
	[Duinen=3]	0	0	1	0
	[Duinen=4]	0	0	0	1
	[Duinen=5]	-1	-1	-1	-1
	[Bossen=1]	0	0	0	0
	[Bossen=2]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

	L31	L32	L33
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0
[Openagrarischedgebied=1]	0	0	0
[Openagrarischedgebied=2]	0	0	0
[Openagrarischedgebied=3]	0	0	0
[Openagrarischedgebied=4]	0	0	0
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0	0

Bossen

	L31	L32	L33
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	1	0	0
[Bossen=2]	0	1	0
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischgebied=1]	0	0
[Openagrarischgebied=2]	0	0
[Openagrarischgebied=3]	0	0

Moeras

	L35	L36
[Openagrarischgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	79,356685	0,334521	3919,645	237,225	0,000
SmokingRIVM	0,015194	0,006626	12878,254	2,293	0,022
ObesityRIVM	-0,583199	0,005686	12960,541	-102,563	0,000
[Heidehoogveenenstuifzand =1]	0,803718	0,998144	12746,110	0,805	0,421
[Heidehoogveenenstuifzand =2]	0,659466	0,290881	13017,438	2,267	0,023
[Heidehoogveenenstuifzand =3]	-0,225098	0,308955	13043	-0,729	0,466
[Heidehoogveenenstuifzand =4]	-0,003845	0,172873	13038,449	-0,022	0,982
[Heidehoogveenenstuifzand =5]	-0,118231	0,182429	13041,050	-0,648	0,517
[Heidehoogveenenstuifzand =6]	0,039840	0,177604	13043	0,224	0,823
[Heidehoogveenenstuifzand =7]	0,199147	0,208101	13043	0,957	0,339
[Heidehoogveenenstuifzand =8]	0,014883	0,245744	13043	0,061	0,952
[Heidehoogveenenstuifzand =9]	-0,678034	0,329181	12931,284	-2,060	0,039
[Heidehoogveenenstuifzand =10]	-1,046400	0,592624	12848,954	-1,766	0,077
[Heidehoogveenenstuifzand =11]	0 ^b	0	.	.	.
[Openagrarischgebied=1]	-0,112078	0,087719	12998,913	-1,278	0,201
[Openagrarischgebied=2]	-0,240317	0,119368	12918,254	-2,013	0,044
[Openagrarischgebied=3]	0,111267	0,182458	13043	0,610	0,542
[Openagrarischgebied=4]	0 ^b	0	.	.	.
[strand=1]	-1,009753	0,384827	12967,229	-2,624	0,009
[strand=2]	0,494423	0,420667	13042,826	1,175	0,240
[strand=3]	-0,153942	0,324424	13043	-0,475	0,635
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisch gebied=1]	0,082272	0,078591	13043	1,047	0,295
[Halfopenengeslotenagrarisch gebied=2]	-1,253824	0,641114	12795,883	-1,956	0,051
[Halfopenengeslotenagrarisch gebied=3]	0 ^b	0	.	.	.
[Duinen=1]	0,602248	0,337551	13043	1,784	0,074
[Duinen=2]	2,001023	0,282455	12756,211	7,084	<0,001
[Duinen=3]	4,311154	0,552953	12917,043	7,797	<0,001
[Duinen=4]	4,009335	1,035174	12055,182	3,873	<0,001
[Duinen=5]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	78,700834	80,012536
SmokingRIVM	0,002206	0,028182
ObesityRIVM	-0,594345	-0,572053
[Heidehoogveenestuifzand=1]	-1,152793	2,760229
[Heidehoogveenestuifzand=2]	0,089296	1,229635
[Heidehoogveenestuifzand=3]	-0,830694	0,380499
[Heidehoogveenestuifzand=4]	-0,342702	0,335012
[Heidehoogveenestuifzand=5]	-0,475818	0,239356
[Heidehoogveenestuifzand=6]	-0,308289	0,387970
[Heidehoogveenestuifzand=7]	-0,208762	0,607055
[Heidehoogveenestuifzand=8]	-0,466812	0,496577
[Heidehoogveenestuifzand=9]	-1,323277	-0,032791
[Heidehoogveenestuifzand=10]	-2,208032	0,115231
[Heidehoogveenestuifzand=11]	.	.
[Openagrarisched=1]	-0,284021	0,059865
[Openagrarisched=2]	-0,474297	-0,006338
[Openagrarisched=3]	-0,246378	0,468911
[Openagrarisched=4]	.	.
[strand=1]	-1,764071	-0,255435
[strand=2]	-0,330145	1,318991
[strand=3]	-0,789861	0,481976
[strand=4]	.	.
[Halfopenengeslotenagrarisched=1]	-0,071778	0,236322
[Halfopenengeslotenagrarisched=2]	-2,510503	0,002855
[Halfopenengeslotenagrarisched=3]	.	.
[Duinen=1]	-0,059401	1,263897
[Duinen=2]	1,447370	2,554677
[Duinen=3]	3,227285	5,395023
[Duinen=4]	1,980228	6,038441
[Duinen=5]	.	.

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Bossen=1]	0,161577	0,082981	13043	1,947	0,052
[Bossen=2]	0,175997	0,118931	13043	1,480	0,139
[Bossen=3]	0,314664	0,173811	13043	1,810	0,070
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,378011	0,232400	13043	-1,627	0,104
[Moeras=2]	-0,153170	0,078583	13043	-1,949	0,051
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Bossen=1]	-0,001077	0,324231
[Bossen=2]	-0,057125	0,409119
[Bossen=3]	-0,026030	0,655359
[Bossen=4]	.	.
[Moeras=1]	-0,833549	0,077528
[Moeras=2]	-0,307204	0,000865
[Moeras=3]	.	.

a. Dependent Variable: ExerciseNormRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ... Lower Bound
Residual		7,711047	0,096833	79,633	0,000	7,523575
Intercept [subject = MunicipalityRIVM]	Variance	9,628674	0,789471	12,196	<0,001	8,199268

Estimates of Covariance Parameters^a

Parameter		95% ... Upper Bound
Residual		7,903190
Intercept [subject = MunicipalityRIVM]	Variance	11,307273

a. Dependent Variable: ExerciseNormRIVM.

Estimated Marginal Means

strand

Contrast Coefficients

Parameter	strand			
	1	2	3	0 is ref
Fixed Effects Intercept	1	1	1	1
SmokingRIVM	16,461	16,461	16,461	16,461
ObesityRIVM	50,499	50,499	50,499	50,499
[Heidehoogveenenstuifzand=1]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=2]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=3]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=4]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=5]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=6]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=7]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=8]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=9]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=10]	0,091	0,091	0,091	0,091
[Heidehoogveenenstuifzand=11]	0,091	0,091	0,091	0,091
[Openagrarischgebied=1]	0,250	0,250	0,250	0,250
[Openagrarischgebied=2]	0,250	0,250	0,250	0,250
[Openagrarischgebied=3]	0,250	0,250	0,250	0,250
[Openagrarischgebied=4]	0,250	0,250	0,250	0,250
[strand=1]	1	0	0	0
[strand=2]	0	1	0	0
[strand=3]	0	0	1	0
[strand=4]	0	0	0	1
[Halfopenengeslotenagrarischgebied=1]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=2]	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarischgebied=3]	0,333	0,333	0,333	0,333
[Duinen=1]	0,200	0,200	0,200	0,200
[Duinen=2]	0,200	0,200	0,200	0,200
[Duinen=3]	0,200	0,200	0,200	0,200
[Duinen=4]	0,200	0,200	0,200	0,200
[Duinen=5]	0,200	0,200	0,200	0,200
[Bossen=1]	0,250	0,250	0,250	0,250

Contrast Coefficients

Parameter	strand			
	1	2	3	0 is ref
[Bossen=2]	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333

Estimates^a

strand	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	50,834 ^b	0,556	9916,254	49,743	51,924
2	52,338 ^b	0,528	8505,676	51,303	53,372
3	51,689 ^b	0,469	7657,348	50,770	52,608
0 is ref	51,843 ^b	0,421	5948,703	51,019	52,668

a. Dependent Variable: ExcerciseNormRIVM.

b. Covariates appearing in the model are evaluated at the following values: SmokingRIVM = 16,461, ObisityRIVM = 50,499.

Pairwise Comparisons^a

(I) strand	(J) strand	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ...
						Lower Bound
1	2	-1,504 [*]	0,539	13005,830	0,005	-2,561
	3	-0,856	0,484	13009,703	0,077	-1,805
	0 is ref	-1,010 [*]	0,385	12967,229	0,009	-1,764
2	1	1,504 [*]	0,539	13005,830	0,005	0,447
	3	0,648	0,491	13043	0,187	-0,314
	0 is ref	0,494	0,421	13042,826	0,240	-0,330
3	1	0,856	0,484	13009,703	0,077	-0,093
	2	-0,648	0,491	13043	0,187	-1,611
	0 is ref	-0,154	0,324	13043	0,635	-0,790
0 is ref	1	1,010 [*]	0,385	12967,229	0,009	0,255
	2	-0,494	0,421	13042,826	0,240	-1,319
	3	0,154	0,324	13043	0,635	-0,482

Pairwise Comparisons^a

(I) strand	(J) strand	95% Confidence Interval for C...
		Upper Bound
1	2	-0,447
	3	0,093
	0 is ref	-0,255
2	1	2,561
	3	1,611
	0 is ref	1,319
3	1	1,805
	2	0,314
	0 is ref	0,482
0 is ref	1	1,764
	2	0,330
	3	0,790

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: ExcerciseNormRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
3	13019,781	3,087	0,026

The F tests the effect of strand. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: ExcerciseNormRIVM.

```
>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
```

Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:26:28.

Mixed Model Analysis

Model Dimension^a

		Number of Levels	Covariance Structure	Number of Parameters
Fixed Effects	Intercept	1		1
	SmokingRIVM	1		1
	ObesityRIVM	1		1
	Heidehoogveenenstuifzand	11		10
	Openagrarischgebied	4		3
	strand	4		3
	Halfopenengeslotenagrarischgebied	3		2
	Duinen	5		4
	Bossen	4		3
	Moeras	3		2
Random Effects	Intercept	1	Identity	1
Residual				1
Total		38		32

Model Dimension^a

		Subject Variables
Fixed Effects	Intercept	
	SmokingRIVM	
	ObesityRIVM	
	Heidehoogveenenstuifzand	
	Openagrarischgebied	
	strand	
	Halfopenengeslotenagrarischgebied	
	Duinen	
	Bossen	
	Moeras	
Random Effects	Intercept	MunicipalityRIVM
Residual		
Total		

a. Dependent Variable: ExerciseNormRIVM.

Information Criteria^a

-2 Log Likelihood	65062,244
Akaike's Information Criterion (AIC)	65126,244
Hurvich and Tsai's Criterion (AICC)	65126,406
Bozdogan's Criterion (CAIC)	65397,549
Schwarz's Bayesian Criterion (BIC)	65365,549

The information criteria are displayed in smaller-is-better form.

a. Dependent Variable:
ExerciceNormRIVM.

Coefficients of Determination

Pseudo-R Square Measures	Marginal	0,426
	Conditional	0,745

Fixed Effects

Type III Tests of Fixed Effects^a

Source	Numerator df	Denominator df	F	Sig.
Intercept	1	8242,471	26654,624	0,000
SmokingRIVM	1	12878,254	5,258	0,022
ObesityRIVM	1	12960,541	10519,078	0,000
Heidehoogveenestuifzand	10	13006,430	1,783	0,058
Openagrarischgebied	3	13043	2,540	0,055
strand	3	13021,971	3,087	0,026
Halfopenengslotenagrarischgebied	2	12932,227	2,619	0,073
Duinen	4	12724,150	22,829	<0,001
Bossen	3	13043	1,797	0,145
Moeras	2	13043	2,935	0,053

a. Dependent Variable: ExerciceNormRIVM.

Type III Estimable Functions

Intercept

L1

Fixed Effects		
	Intercept	1
	SmokingRIVM	0
	ObesityRIVM	0
	[Heidehoogveenenstuifzand =1]	0,091
	[Heidehoogveenenstuifzand =2]	0,091
	[Heidehoogveenenstuifzand =3]	0,091
	[Heidehoogveenenstuifzand =4]	0,091
	[Heidehoogveenenstuifzand =5]	0,091
	[Heidehoogveenenstuifzand =6]	0,091
	[Heidehoogveenenstuifzand =7]	0,091
	[Heidehoogveenenstuifzand =8]	0,091
	[Heidehoogveenenstuifzand =9]	0,091
	[Heidehoogveenenstuifzand =10]	0,091
	[Heidehoogveenenstuifzand =11]	0,091
	[Openagrarisched gebied=1]	0,250
	[Openagrarisched gebied=2]	0,250
	[Openagrarisched gebied=3]	0,250
	[Openagrarisched gebied=4]	0,250
	[strand=1]	0,250
	[strand=2]	0,250
	[strand=3]	0,250
	[strand=4]	0,250
	[Halfopenengeslotenagrarisched gebied=1]	0,333
	[Halfopenengeslotenagrarisched gebied=2]	0,333
	[Halfopenengeslotenagrarisched gebied=3]	0,333
	[Duinen=1]	0,200
	[Duinen=2]	0,200
	[Duinen=3]	0,200
	[Duinen=4]	0,200
	[Duinen=5]	0,200
	[Bossen=1]	0,250
	[Bossen=2]	0,250

Intercept

L1

[Bossen=3]	0,250
[Bossen=4]	0,250
[Moeras=1]	0,333
[Moeras=2]	0,333
[Moeras=3]	0,333

SmokingRIVM

L2

Fixed Effects		
Intercept		0
SmokingRIVM		1
ObesityRIVM		0
[Heidehoogveenestuifzand=1]		0
[Heidehoogveenestuifzand=2]		0
[Heidehoogveenestuifzand=3]		0
[Heidehoogveenestuifzand=4]		0
[Heidehoogveenestuifzand=5]		0
[Heidehoogveenestuifzand=6]		0
[Heidehoogveenestuifzand=7]		0
[Heidehoogveenestuifzand=8]		0
[Heidehoogveenestuifzand=9]		0
[Heidehoogveenestuifzand=10]		0
[Heidehoogveenestuifzand=11]		0
[Openagrarischedgebied=1]		0
[Openagrarischedgebied=2]		0
[Openagrarischedgebied=3]		0
[Openagrarischedgebied=4]		0
[strand=1]		0
[strand=2]		0
[strand=3]		0
[strand=4]		0
[Halfopenengeslotenagrarischedgebied=1]		0
[Halfopenengeslotenagrarischedgebied=2]		0

SmokingRIVM

L2

[Halfopenengeslotenagrarischgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

ObesityRIVM

L3

Fixed Effects	Intercept	0
	SmokingRIVM	0
	ObesityRIVM	1
	[Heidehoogveenestuifzand=1]	0
	[Heidehoogveenestuifzand=2]	0
	[Heidehoogveenestuifzand=3]	0
	[Heidehoogveenestuifzand=4]	0
	[Heidehoogveenestuifzand=5]	0
	[Heidehoogveenestuifzand=6]	0
	[Heidehoogveenestuifzand=7]	0
	[Heidehoogveenestuifzand=8]	0
	[Heidehoogveenestuifzand=9]	0
	[Heidehoogveenestuifzand=10]	0
	[Heidehoogveenestuifzand=11]	0
	[Openagrarischgebied=1]	0
	[Openagrarischgebied=2]	0
	[Openagrarischgebied=3]	0

ObesityRIVM

L3

[Openagrarischgebied=4]	0
[strand=1]	0
[strand=2]	0
[strand=3]	0
[strand=4]	0
[Halfopenengeslotenagrarisc hgebied=1]	0
[Halfopenengeslotenagrarisc hgebied=2]	0
[Halfopenengeslotenagrarisc hgebied=3]	0
[Duinen=1]	0
[Duinen=2]	0
[Duinen=3]	0
[Duinen=4]	0
[Duinen=5]	0
[Bossen=1]	0
[Bossen=2]	0
[Bossen=3]	0
[Bossen=4]	0
[Moeras=1]	0
[Moeras=2]	0
[Moeras=3]	0

Heidehoogveenstuifzand

		L4	L5	L6	L7	L8
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenstuifzand=1]	1	0	0	0	0
	[Heidehoogveenstuifzand=2]	0	1	0	0	0
	[Heidehoogveenstuifzand=3]	0	0	1	0	0
	[Heidehoogveenstuifzand=4]	0	0	0	1	0
	[Heidehoogveenstuifzand=5]	0	0	0	0	1
	[Heidehoogveenstuifzand=6]	0	0	0	0	0
	[Heidehoogveenstuifzand=7]	0	0	0	0	0
	[Heidehoogveenstuifzand=8]	0	0	0	0	0
	[Heidehoogveenstuifzand=9]	0	0	0	0	0
	[Heidehoogveenstuifzand=10]	0	0	0	0	0
	[Heidehoogveenstuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

		L9	L10	L11	L12	L13
Fixed Effects	Intercept	0	0	0	0	0
	SmokingRIVM	0	0	0	0	0
	ObesityRIVM	0	0	0	0	0
	[Heidehoogveenestuifzand=1]	0	0	0	0	0
	[Heidehoogveenestuifzand=2]	0	0	0	0	0
	[Heidehoogveenestuifzand=3]	0	0	0	0	0
	[Heidehoogveenestuifzand=4]	0	0	0	0	0
	[Heidehoogveenestuifzand=5]	0	0	0	0	0
	[Heidehoogveenestuifzand=6]	1	0	0	0	0
	[Heidehoogveenestuifzand=7]	0	1	0	0	0
	[Heidehoogveenestuifzand=8]	0	0	1	0	0
	[Heidehoogveenestuifzand=9]	0	0	0	1	0
	[Heidehoogveenestuifzand=10]	0	0	0	0	1
	[Heidehoogveenestuifzand=11]	-1	-1	-1	-1	-1
	[Openagrarischgebied=1]	0	0	0	0	0
	[Openagrarischgebied=2]	0	0	0	0	0
	[Openagrarischgebied=3]	0	0	0	0	0
	[Openagrarischgebied=4]	0	0	0	0	0
	[strand=1]	0	0	0	0	0
	[strand=2]	0	0	0	0	0
	[strand=3]	0	0	0	0	0
	[strand=4]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=1]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=2]	0	0	0	0	0
	[Halfopenengeslotenagrarischgebied=3]	0	0	0	0	0
	[Duinen=1]	0	0	0	0	0
	[Duinen=2]	0	0	0	0	0
	[Duinen=3]	0	0	0	0	0
	[Duinen=4]	0	0	0	0	0
	[Duinen=5]	0	0	0	0	0
	[Bossen=1]	0	0	0	0	0
	[Bossen=2]	0	0	0	0	0

Heidehoogveenestuifzand

	L4	L5	L6	L7	L8
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Heidehoogveenestuifzand

	L9	L10	L11	L12	L13
[Bossen=3]	0	0	0	0	0
[Bossen=4]	0	0	0	0	0
[Moeras=1]	0	0	0	0	0
[Moeras=2]	0	0	0	0	0
[Moeras=3]	0	0	0	0	0

Openagrarischgebied

	L15	L16	L17
Fixed Effects Intercept	0	0	0
SmokingRIVM	0	0	0
ObesityRIVM	0	0	0
[Heidehoogveenestuifzand =1]	0	0	0
[Heidehoogveenestuifzand =2]	0	0	0
[Heidehoogveenestuifzand =3]	0	0	0
[Heidehoogveenestuifzand =4]	0	0	0
[Heidehoogveenestuifzand =5]	0	0	0
[Heidehoogveenestuifzand =6]	0	0	0
[Heidehoogveenestuifzand =7]	0	0	0
[Heidehoogveenestuifzand =8]	0	0	0
[Heidehoogveenestuifzand =9]	0	0	0
[Heidehoogveenestuifzand =10]	0	0	0
[Heidehoogveenestuifzand =11]	0	0	0
[Openagrarischgebied=1]	1	0	0
[Openagrarischgebied=2]	0	1	0
[Openagrarischgebied=3]	0	0	1
[Openagrarischgebied=4]	-1	-1	-1

Openagrarischgebied

	L15	L16	L17
[strand=1]	0	0	0
[strand=2]	0	0	0
[strand=3]	0	0	0
[strand=4]	0	0	0
[Halfopenengeslotenagrarischgebied=1]	0	0	0
[Halfopenengeslotenagrarischgebied=2]	0	0	0
[Halfopenengeslotenagrarischgebied=3]	0	0	0
[Duinen=1]	0	0	0
[Duinen=2]	0	0	0
[Duinen=3]	0	0	0
[Duinen=4]	0	0	0
[Duinen=5]	0	0	0
[Bossen=1]	0	0	0
[Bossen=2]	0	0	0
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

strand

		L19	L20	L21
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischedgebied=1]	0	0	0
	[Openagrarischedgebied=2]	0	0	0
	[Openagrarischedgebied=3]	0	0	0
	[Openagrarischedgebied=4]	0	0	0
	[strand=1]	1	0	0
	[strand=2]	0	1	0
	[strand=3]	0	0	1
	[strand=4]	-1	-1	-1
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	0	0	0
	[Bossen=2]	0	0	0

strand

	L19	L20	L21
[Bossen=3]	0	0	0
[Bossen=4]	0	0	0
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Halfopenengeslotenagrarischedgebied

	L23	L24
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	1	0
[Halfopenengeslotenagrarischedgebied=2]	0	1

Halfopenengeslotenagrarischgebied

	L23	L24
[Halfopenengeslotenagrarischgebied=3]	-1	-1
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	0	0
[Moeras=2]	0	0
[Moeras=3]	0	0

Duinen

	L26	L27	L28	L29
Fixed Effects Intercept	0	0	0	0
SmokingRIVM	0	0	0	0
ObesityRIVM	0	0	0	0
[Heidehoogveenenstuifzand=1]	0	0	0	0
[Heidehoogveenenstuifzand=2]	0	0	0	0
[Heidehoogveenenstuifzand=3]	0	0	0	0
[Heidehoogveenenstuifzand=4]	0	0	0	0
[Heidehoogveenenstuifzand=5]	0	0	0	0
[Heidehoogveenenstuifzand=6]	0	0	0	0
[Heidehoogveenenstuifzand=7]	0	0	0	0
[Heidehoogveenenstuifzand=8]	0	0	0	0
[Heidehoogveenenstuifzand=9]	0	0	0	0
[Heidehoogveenenstuifzand=10]	0	0	0	0
[Heidehoogveenenstuifzand=11]	0	0	0	0
[Openagrarischgebied=1]	0	0	0	0
[Openagrarischgebied=2]	0	0	0	0
[Openagrarischgebied=3]	0	0	0	0

Duinen

	L26	L27	L28	L29
[Openagrarischgebied=4]	0	0	0	0
[strand=1]	0	0	0	0
[strand=2]	0	0	0	0
[strand=3]	0	0	0	0
[strand=4]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=1]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=2]	0	0	0	0
[Halfopenengeslotenagrarisc hgebied=3]	0	0	0	0
[Duinen=1]	1	0	0	0
[Duinen=2]	0	1	0	0
[Duinen=3]	0	0	1	0
[Duinen=4]	0	0	0	1
[Duinen=5]	-1	-1	-1	-1
[Bossen=1]	0	0	0	0
[Bossen=2]	0	0	0	0
[Bossen=3]	0	0	0	0
[Bossen=4]	0	0	0	0
[Moeras=1]	0	0	0	0
[Moeras=2]	0	0	0	0
[Moeras=3]	0	0	0	0

Bossen

		L31	L32	L33
Fixed Effects	Intercept	0	0	0
	SmokingRIVM	0	0	0
	ObesityRIVM	0	0	0
	[Heidehoogveenenstuifzand=1]	0	0	0
	[Heidehoogveenenstuifzand=2]	0	0	0
	[Heidehoogveenenstuifzand=3]	0	0	0
	[Heidehoogveenenstuifzand=4]	0	0	0
	[Heidehoogveenenstuifzand=5]	0	0	0
	[Heidehoogveenenstuifzand=6]	0	0	0
	[Heidehoogveenenstuifzand=7]	0	0	0
	[Heidehoogveenenstuifzand=8]	0	0	0
	[Heidehoogveenenstuifzand=9]	0	0	0
	[Heidehoogveenenstuifzand=10]	0	0	0
	[Heidehoogveenenstuifzand=11]	0	0	0
	[Openagrarischedgebied=1]	0	0	0
	[Openagrarischedgebied=2]	0	0	0
	[Openagrarischedgebied=3]	0	0	0
	[Openagrarischedgebied=4]	0	0	0
	[strand=1]	0	0	0
	[strand=2]	0	0	0
	[strand=3]	0	0	0
	[strand=4]	0	0	0
	[Halfopenengeslotenagrarischedgebied=1]	0	0	0
	[Halfopenengeslotenagrarischedgebied=2]	0	0	0
	[Halfopenengeslotenagrarischedgebied=3]	0	0	0
	[Duinen=1]	0	0	0
	[Duinen=2]	0	0	0
	[Duinen=3]	0	0	0
	[Duinen=4]	0	0	0
	[Duinen=5]	0	0	0
	[Bossen=1]	1	0	0
	[Bossen=2]	0	1	0

Bossen

	L31	L32	L33
[Bossen=3]	0	0	1
[Bossen=4]	-1	-1	-1
[Moeras=1]	0	0	0
[Moeras=2]	0	0	0
[Moeras=3]	0	0	0

Moeras

	L35	L36
Fixed Effects Intercept	0	0
SmokingRIVM	0	0
ObesityRIVM	0	0
[Heidehoogveenenstuifzand=1]	0	0
[Heidehoogveenenstuifzand=2]	0	0
[Heidehoogveenenstuifzand=3]	0	0
[Heidehoogveenenstuifzand=4]	0	0
[Heidehoogveenenstuifzand=5]	0	0
[Heidehoogveenenstuifzand=6]	0	0
[Heidehoogveenenstuifzand=7]	0	0
[Heidehoogveenenstuifzand=8]	0	0
[Heidehoogveenenstuifzand=9]	0	0
[Heidehoogveenenstuifzand=10]	0	0
[Heidehoogveenenstuifzand=11]	0	0
[Openagrarischedgebied=1]	0	0
[Openagrarischedgebied=2]	0	0
[Openagrarischedgebied=3]	0	0
[Openagrarischedgebied=4]	0	0
[strand=1]	0	0
[strand=2]	0	0
[strand=3]	0	0
[strand=4]	0	0
[Halfopenengeslotenagrarischedgebied=1]	0	0
[Halfopenengeslotenagrarischedgebied=2]	0	0

Moeras

	L35	L36
[Halfopenengeslotenagrari shgebied=3]	0	0
[Duinen=1]	0	0
[Duinen=2]	0	0
[Duinen=3]	0	0
[Duinen=4]	0	0
[Duinen=5]	0	0
[Bossen=1]	0	0
[Bossen=2]	0	0
[Bossen=3]	0	0
[Bossen=4]	0	0
[Moeras=1]	1	0
[Moeras=2]	0	1
[Moeras=3]	-1	-1

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
Intercept	79,356685	0,334521	3919,645	237,225	0,000
SmokingRIVM	0,015194	0,006626	12878,254	2,293	0,022
ObesityRIVM	-0,583199	0,005686	12960,541	-102,563	0,000
[Heidehoogveenestuifzand =1]	0,803718	0,998144	12746,110	0,805	0,421
[Heidehoogveenestuifzand =2]	0,659466	0,290881	13017,438	2,267	0,023
[Heidehoogveenestuifzand =3]	-0,225098	0,308955	13043	-0,729	0,466
[Heidehoogveenestuifzand =4]	-0,003845	0,172873	13038,449	-0,022	0,982
[Heidehoogveenestuifzand =5]	-0,118231	0,182429	13041,050	-0,648	0,517
[Heidehoogveenestuifzand =6]	0,039840	0,177604	13043	0,224	0,823
[Heidehoogveenestuifzand =7]	0,199147	0,208101	13043	0,957	0,339
[Heidehoogveenestuifzand =8]	0,014883	0,245744	13043	0,061	0,952
[Heidehoogveenestuifzand =9]	-0,678034	0,329181	12931,284	-2,060	0,039
[Heidehoogveenestuifzand =10]	-1,046400	0,592624	12848,954	-1,766	0,077
[Heidehoogveenestuifzand =11]	0 ^b	0	.	.	.
[Openagrari shgebied=1]	-0,112078	0,087719	12998,913	-1,278	0,201

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
Intercept	78,700834	80,012536
SmokingRIVM	0,002206	0,028182
ObesityRIVM	-0,594345	-0,572053
[Heidehoogveenenstuifzand =1]	-1,152793	2,760229
[Heidehoogveenenstuifzand =2]	0,089296	1,229635
[Heidehoogveenenstuifzand =3]	-0,830694	0,380499
[Heidehoogveenenstuifzand =4]	-0,342702	0,335012
[Heidehoogveenenstuifzand =5]	-0,475818	0,239356
[Heidehoogveenenstuifzand =6]	-0,308289	0,387970
[Heidehoogveenenstuifzand =7]	-0,208762	0,607055
[Heidehoogveenenstuifzand =8]	-0,466812	0,496577
[Heidehoogveenenstuifzand =9]	-1,323277	-0,032791
[Heidehoogveenenstuifzand =10]	-2,208032	0,115231
[Heidehoogveenenstuifzand =11]	.	.
[Openagrarischgebied=1]	-0,284021	0,059865

Estimates of Fixed Effects^a

Parameter	Estimate	Std. Error	df	t	Sig.
[Openagrarischgebiet=2]	-0,240317	0,119368	12918,254	-2,013	0,044
[Openagrarischgebiet=3]	0,111267	0,182458	13043	0,610	0,542
[Openagrarischgebiet=4]	0 ^b	0	.	.	.
[strand=1]	-1,009753	0,384827	12967,229	-2,624	0,009
[strand=2]	0,494423	0,420667	13042,826	1,175	0,240
[strand=3]	-0,153942	0,324424	13043	-0,475	0,635
[strand=4]	0 ^b	0	.	.	.
[Halfopenengeslotenagrarisc hgebiet=1]	0,082272	0,078591	13043	1,047	0,295
[Halfopenengeslotenagrarisc hgebiet=2]	-1,253824	0,641114	12795,883	-1,956	0,051
[Halfopenengeslotenagrarisc hgebiet=3]	0 ^b	0	.	.	.
[Duinen=1]	0,602248	0,337551	13043	1,784	0,074
[Duinen=2]	2,001023	0,282455	12756,211	7,084	<0,001
[Duinen=3]	4,311154	0,552953	12917,043	7,797	<0,001
[Duinen=4]	4,009335	1,035174	12055,182	3,873	<0,001
[Duinen=5]	0 ^b	0	.	.	.
[Bossen=1]	0,161577	0,082981	13043	1,947	0,052
[Bossen=2]	0,175997	0,118931	13043	1,480	0,139
[Bossen=3]	0,314664	0,173811	13043	1,810	0,070
[Bossen=4]	0 ^b	0	.	.	.
[Moeras=1]	-0,378011	0,232400	13043	-1,627	0,104
[Moeras=2]	-0,153170	0,078583	13043	-1,949	0,051
[Moeras=3]	0 ^b	0	.	.	.

Estimates of Fixed Effects^a

Parameter	95% Confidence Interval	
	Lower Bound	Upper Bound
[Openagrarischgebied=2]	-0,474297	-0,006338
[Openagrarischgebied=3]	-0,246378	0,468911
[Openagrarischgebied=4]	.	.
[strand=1]	-1,764071	-0,255435
[strand=2]	-0,330145	1,318991
[strand=3]	-0,789861	0,481976
[strand=4]	.	.
[Halfopenengeslotenagrarisc hgebied=1]	-0,071778	0,236322
[Halfopenengeslotenagrarisc hgebied=2]	-2,510503	0,002855
[Halfopenengeslotenagrarisc hgebied=3]	.	.
[Duinen=1]	-0,059401	1,263897
[Duinen=2]	1,447370	2,554677
[Duinen=3]	3,227285	5,395023
[Duinen=4]	1,980228	6,038441
[Duinen=5]	.	.
[Bossen=1]	-0,001077	0,324231
[Bossen=2]	-0,057125	0,409119
[Bossen=3]	-0,026030	0,655359
[Bossen=4]	.	.
[Moeras=1]	-0,833549	0,077528
[Moeras=2]	-0,307204	0,000865
[Moeras=3]	.	.

a. Dependent Variable: ExerciseNormRIVM.

b. This parameter is set to zero because it is redundant.

Covariance Parameters

Estimates of Covariance Parameters^a

Parameter		Estimate	Std. Error	Wald Z	Sig.	95% ...
						Lower Bound
Residual		7,711047	0,096833	79,633	0,000	7,523575
Intercept [subject = MunicipalityRIVM]	Variance	9,628674	0,789471	12,196	<0,001	8,199268

Estimates of Covariance Parameters^a

Parameter	95% ...
	Upper Bound
Residual	7,903190
Intercept [subject = MunicipalityRIVM]	Variance 11,307273

a. Dependent Variable: ExcerciseNormRIVM.

Estimated Marginal Means

Duinen

Contrast Coefficients

Parameter		Duinen				
		1	2	3	4	0 is ref
Fixed Effects	Intercept	1	1	1	1	1
	SmokingRIVM	16,461	16,461	16,461	16,461	16,461
	ObesityRIVM	50,499	50,499	50,499	50,499	50,499
	[Heidehoogveenenstuifzand =1]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =2]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =3]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =4]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =5]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =6]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =7]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =8]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =9]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =10]	0,091	0,091	0,091	0,091	0,091
	[Heidehoogveenenstuifzand =11]	0,091	0,091	0,091	0,091	0,091
	[Openagrarischgebied=1]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=2]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=3]	0,250	0,250	0,250	0,250	0,250
	[Openagrarischgebied=4]	0,250	0,250	0,250	0,250	0,250
	[strand=1]	0,250	0,250	0,250	0,250	0,250
	[strand=2]	0,250	0,250	0,250	0,250	0,250
[strand=3]	0,250	0,250	0,250	0,250	0,250	
[strand=4]	0,250	0,250	0,250	0,250	0,250	

Contrast Coefficients

Parameter	Duinen				
	1	2	3	4	0 is ref
[Halfopenengeslotenagrarisch gebied=1]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=2]	0,333	0,333	0,333	0,333	0,333
[Halfopenengeslotenagrarisch gebied=3]	0,333	0,333	0,333	0,333	0,333
[Duinen=1]	1	0	0	0	0
[Duinen=2]	0	1	0	0	0
[Duinen=3]	0	0	1	0	0
[Duinen=4]	0	0	0	1	0
[Duinen=5]	0	0	0	0	1
[Bossen=1]	0,250	0,250	0,250	0,250	0,250
[Bossen=2]	0,250	0,250	0,250	0,250	0,250
[Bossen=3]	0,250	0,250	0,250	0,250	0,250
[Bossen=4]	0,250	0,250	0,250	0,250	0,250
[Moeras=1]	0,333	0,333	0,333	0,333	0,333
[Moeras=2]	0,333	0,333	0,333	0,333	0,333
[Moeras=3]	0,333	0,333	0,333	0,333	0,333

Estimates^a

Duinen	Mean	Std. Error	df	95% Confidence Interval	
				Lower Bound	Upper Bound
1	50,093 ^b	0,471	8180,905	49,171	51,016
2	51,492 ^b	0,416	6435,024	50,676	52,308
3	53,802 ^b	0,591	9806,209	52,643	54,961
4	53,501 ^b	1,049	11068,983	51,445	55,556
0 is ref	49,491 ^b	0,361	4901,331	48,784	50,199

a. Dependent Variable: ExerciseNormRIVM.

b. Covariates appearing in the model are evaluated at the following values:
SmokingRIVM = 16,461, ObesityRIVM = 50,499.

Pairwise Comparisons^a

(I) Duinen	(J) Duinen	Mean Difference (I-J)	Std. Error	df	Sig. ^c	95% Confidence Interval for ^c ...
						Lower Bound
1	2	-1,399*	0,399	13043	<0,001	-2,180
	3	-3,709*	0,601	12997,913	<0,001	-4,887
	4	-3,407*	1,057	12240,735	0,001	-5,479
	0 is ref	0,602	0,338	13043	0,074	-0,059
2	1	1,399*	0,399	13043	<0,001	0,617
	3	-2,310*	0,560	13012,407	<0,001	-3,408
	4	-2,008	1,031	12239,011	0,052	-4,030
	0 is ref	2,001*	0,282	12756,211	<0,001	1,447
3	1	3,709*	0,601	12997,913	<0,001	2,531
	2	2,310*	0,560	13012,407	<0,001	1,212
	4	0,302	1,001	12931,058	0,763	-1,659
	0 is ref	4,311*	0,553	12917,043	<0,001	3,227
4	1	3,407*	1,057	12240,735	0,001	1,335
	2	2,008	1,031	12239,011	0,052	-0,013
	3	-0,302	1,001	12931,058	0,763	-2,263
	0 is ref	4,009*	1,035	12055,182	<0,001	1,980
0 is ref	1	-0,602	0,338	13043	0,074	-1,264
	2	-2,001*	0,282	12756,211	<0,001	-2,555
	3	-4,311*	0,553	12917,043	<0,001	-5,395
	4	-4,009*	1,035	12055,182	<0,001	-6,038

Pairwise Comparisons^a

(I) Duinen	(J) Duinen	95% Confidence Interval for μ
		Upper Bound
1	2	-0,617
	3	-2,531
	4	-1,335
	0 is ref	1,264
2	1	2,180
	3	-1,212
	4	0,013
	0 is ref	2,555
3	1	4,887
	2	3,408
	4	2,263
	0 is ref	5,395
4	1	5,479
	2	4,030
	3	1,659
	0 is ref	6,038
0 is ref	1	0,059
	2	-1,447
	3	-3,227
	4	-1,980

Based on estimated marginal means

*. The mean difference is significant at the 0,05 level.

a. Dependent Variable: ExcerciseNormRIVM.

c. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests^a

Numerator df	Denominator df	F	Sig.
4	12757,583	22,829	<0,001

The F tests the effect of Duinen. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Dependent Variable: ExcerciseNormRIVM.

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>Error # 90. Command name: MIXED
>Unexpected exception occurred.
>Execution of this command stops.
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Any changes made to the working file since 14-SEP-2022 13:39:50 have been lost.
The time now is 12:26:29.

Appendix two: Reflection

The reflection

In this part of the document a reflection is given on the process and the results. Reflecting on these aspects of essential when performing research. When someone is performing research, they are contributing to the overall knowledge on that subject. With that in mind the researchers has the obligation to perform their research with the goal of providing a result that is without external influences. By reflecting the researcher can objectively observe their process and product. This will be done by observing a couple of aspects. The first aspect is the relation between the research topic and the graduation track. The second aspect is the scientific relevance. The third aspect is the process of data collection. The fourth aspect is the applicability of the results. The last aspect is ethics.

Relation of the research topic to graduation track

The master of the build environment contains a variety of subject. This is designed to give the students are broader understanding of the different fields. With this broad understanding the student can than further develop its qualities during the remainder of their career. One of these subjects is CREM (corporate real estate management). This subject involves the management of areas and buildings. A way to measure the success of these location is with KPI's (key performance indicators). This could for example be the state of the buildings, the rentability of a building, a certain level of attractiveness, health environments, etc. This research focusses on healthy environments. The literature has established that greenery has a positive influence on the health of humans. This study has the goal of supporting CREM by providing additional knowledge. This has led to the following research goal: To search for a relation between the quality of greenery. With a positive relation the CREM could implement it in their overall plan.

Scientific relevance

During the pre-research phase a significant amount of literature has been read in order to formulate a research question and goal that can contribute to the already existing information. It became apparent that nature as a whole has been thoroughly researched. However multiple types of vegetations are grouped together and called nature while there is a real difference between a forest in Gelderland, dunes on Vlieland and a typical grassland found al across the Netherlands. This study sets itself apart by analysing the effect of all the individual landscapes.

Process of data collection

The task of collecting the data concerning the determination of the quality of the nature started with establishing which indicator species were used. Since the quality of nature is related to the variety and richness of the species located in the area the use of keystone species would be most useful. A list of keystone species is presented in a document called the natura two thousand. With the list of keystone species per landscape it is possible to search for a data source. The National databank of flora and fauna (NDFD) would be the most logical starting point. This organization monitors and verifies data concerning the amount of flora and fauna in the Netherlands. Since this is a private organization, the information is not published for free. Instead, an arrangement is made for students who can access a selection of the available data. However, during the conversations with the NDFD the only information available for students contained the information for roughly one middle large city in the Netherlands. Since the scale of this study contains the whole of the Netherlands solely the information provided to students would not be enough. The remaining data could be bought but due to the scale of this research the price would have cost millions. Making the usage of this source not possible. With a lack of a reliable data source the original idea required a modification. Instead of using a variety of different animals and plants only birds are selected as indicator species. The same organization that provided the data about the indicator species to determine the landscape also provides information concerning

Developing healthy and green residential areas

the keystone species. Birds already make up the majority of the keystone species list. Therefore, the use of birds alone would not reduce the reliability with a critical amount.

Applicability of the results

At the start of the process the end product was expected to consist of a list that provided the reader with the number of benefits that can be obtained from the different landscapes and the different quality of nature. The reader could use this data base to determine the effect of improving an area by either increasing the amount of biodiversity or applying a particular landscape. However, after observing the results, the expectation about the applicability need to be adjusted. The results provided by this study still provide planners, designers, and health care organization with a general guide line about the effect of a landscape on the different aspects of health. The original idea that the user could choose a landscape based on the desired effect can only be developed if additional research is performed in this subject.

Ethics

It is essential that the researchers has an ethical mindset. More than ones have there been institutions in the news that have falsified the results. This research has during the entire process tried to stay objective. There were two moments where an ethical dilemma has presented itself. The first moment happened in May. Since I could not access the database from NDFF the data had to be collected and reviewed manually. With only a week till the first P4 moment there the first dilemma. The choice that I could make was to use the amounts of indicator species from the municipality for the neighbourhoods. This would save an incredible amount of time. Since the data file is quite large the chance that someone could find out about the distortion of the data was small. However, by doing this the integrity of the whole document could be lost. Even though this research is part of graduating and could not be viewed by anyone other than the mentors there is still the obligation to be professional and act ethical. The second dilemma arose when the results of the analysis came in. Since I have a profound interest in greenery in cities I would preference a result that would without a doubt prove that cities should implement more greenery. A choice that I could make was to focus heavily on the effect size. This was shown to have a far larger effect. This would be in conflict with being honest in your research since the truth is distorted. Again, there is the obligation of the student and researchers to act professional.