## PASSENGER INDIVIDUAL POSTURE IN LEVEL 5 AUTOMATED DRIVING

This study is done to explore the postures assumed by passengers in the absence of driving-related activities (DRAs). The freedom of conducting various Non-driving-related activities (NDRAs) in future Level 5 AV will allow passengers to be in a more NBP. This study introduces a neutral body posture in various NDRAs in one-g gravitation settings avoiding the restrictions of seats itself. Participants were asked to construct a Build-Your-Own seat out of foam blocks to be able to conduct NDRAs in a comfortable position. Joint angles and seat setting of the Build-Your-Own seat in one-g gravitation settings are present and compared to the use of the current car seat and zero-g NBP(neutral body posture).







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