

Generic driving experience questionnaire

1. Participant ID

2. What is your age?

3. What is your gender?

Markeer slechts één ovaal.

☐ Male

☐ Female

☐ I prefer not to answer

☐ Anders: _____

4. What is your primary mode of transportation?

Markeer slechts één ovaal.

☐ Automobile

☐ Motorcycle

☐ Public transportation

☐ Human powered transportation (walking, cycling)

☐ I prefer not to answer

☐ Anders: _____

5. On average, how often did you drive a vehicle in the last months?

Markeer slechts één ovaal.

- ☐ Every day
- ☐ 4-6 days a week
- ☐ 1-3 days a week
- ☐ Less than once a week
- ☐ Less than once a month
- ☐ Never
- ☐ I prefer not to answer

6. Roughly how many kilometers did you drive in the last 12 months?

Markeer slechts één ovaal.

- ☐ 0 km
- ☐ 1 - 1000 km
- ☐ 1000 - 5000 km
- ☐ 5000 - 10000 km
- ☐ 10000 - 15000 km
- ☐ 15000 - 20000 km
- ☐ 20000 - 30000 km
- ☐ More than 30000 km
- ☐ I prefer not to answer

7. Have you ever driven a vehicle with different driving modes (e.g. comfort mode, sport mode, eco mode) and if yes, how often do you use these different modes?

Markeer slechts één ovaal.

- ☐ Yes, I use different driving modes every time I drive.
- ☐ Yes, I use different driving modes most of the time when I drive.
- ☐ Yes, I use different driving modes sometimes when I drive.
- ☐ Yes, I rarely use different driving modes when I drive.
- ☐ Yes, but I don't use different driving modes when I drive.
- ☐ No, I have never driven a vehicle with different driving modes.
- ☐ I prefer not to answer

8. (Only if you use different driving modes): please motivate why you switch between driving modes

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NASA Task Load Index

Hart and Staveland's NASA Task Load Index (TLX) method assesses work load on five 7-point scales. Increments of high, medium and low estimates for each point result in 21 gradations on the scales.

Name	Task	Date
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Mental Demand How mentally demanding was the task?

Physical Demand How physically demanding was the task?

Temporal Demand How hurried or rushed was the pace of the task?

Performance How successful were you in accomplishing what you were asked to do?

A horizontal scale from 0 to 100 with a vertical line at 50. The word "Perfect" is at the left end and "Failure" is at the right end.

Effort How hard did you have to work to accomplish your level of performance?

Frustration How insecure, discouraged, irritated, stressed,
and annoyed were you?

Nausea: To what extent do you experience nausea? Please circle the statement that is most fitting to your condition:

1. Not experiencing any nausea, no sign of symptoms.
2. Arising symptoms (like a feeling in the abdomen), but no nausea.
3. Slightly nauseous
4. Nauseous.
5. Very nauseous, retching.
6. Throwing up.

Participant ID:

Condition:

During the test, it took me little effort to overtake the traffic vehicles:

Disagree

Neutral

Fully agree

☐☐☐☐☐☐☐

During the test, it took me little effort to follow the lane on the straight road:

Disagree

Neutral

Fully agree

☐☐☐☐☐☐☐

During the test, it took me little effort to follow the lane on the curved road:

Disagree

Neutral

Fully agree

☐☐☐☐☐☐☐

Post-experiment questionnaire

Participant ID:

When overtaking the traffic vehicles I prefer the slow steering response:

Disagree

Neutral

Fully agree

☐☐☐☐☐☐☐

When driving on a straight road I prefer the slow steering response:

Disagree

Neutral

Fully agree

☐☐☐☐☐☐☐

When driving on a curved road I prefer the slow steering response:

Disagree

Neutral

Fully agree

☐☐☐☐☐☐☐

The adaptations by the machine where useful for the traffic/driving situation:

Disagree

Neutral

Fully agree

☐☐☐☐☐☐☐

During human-initiated steering, the advice (red arrow) affected my choice of the steering mode:

Disagree

Neutral

Fully agree

☐☐☐☐☐☐☐

Which steering system do you prefer? Rank the four systems from 1 to 4 (1 most, 4 least).

Passive-Slow:

Passive-Fast:

Machine-initiated:

Human-initiated:

Do you prefer letting the machine change the steering modes or changing the steering modes

yourself (MI vs HI)?

Machine-initiated :

☐

Human-initiated:

☐