APPENDIX JP: SURVEY DATA DICTIONARY (QUESTIONS TRANSLATED TO ENGLISH)

Question	Data type	Variable name
Do you have a driver's license?	Boolean	has_license
How many days a week on average do you use your car?	Scale, [1-7]	car_use_frequency
Do you ever use a navigation system while driving?	Boolean	uses_nav
Which of these types of navigation systems have you used most in the past 12 months in the car?	Categorical	navigation_system_type
Which navigation app have you used most in the past 12 months?	Categorical	navigation_app
Can you name 5 things that distract you while driving in your own words? (Distraction 1)	Text	distraction_1
Can you name 5 things that distract you while driving in your own words? (Distraction 2)	Text	distraction_2
Can you name 5 things that distract you while driving in your own words? (Distraction 3)	Text	distraction_3
Can you name 5 things that distract you while driving in your own words? (Distraction 4)	Text	distraction_4
Can you name 5 things that distract you while driving in your own words? (Distraction 5)	Text	distraction_5
Specify 5 things that distract you while driving, specifically related to your most-used navigation system. (Distraction 1)	Text	nav_distraction_1
Specify 5 things that distract you while driving, specifically related to your most-used navigation system. (Distraction 2)	Text	nav_distraction_2
Specify 5 things that distract you while driving, specifically related to your most-used navigation system. (Distraction 3)	Text	nav_distraction_3

Question	Data type	Variable name
Specify 5 things that distract you while driving, specifically related to your most-used navigation system. (Distraction 4)	Text	nav_distraction_4
Specify 5 things that distract you while driving, specifically related to your most-used navigation system. (Distraction 5)	Text	nav_distraction_5
Indicate how often the following distractions occur during the use of your navigation system. (Interaction with the navigation system prevents me from engaging in physical driving activities such as steering, braking, shifting, etc.)	Scale (Likert), [1-5]	distraction_manual
Indicate how often the following distractions occur during the use of your navigation system. (I feel less aware of my surroundings, including the road and other road users, while using the navigation system)	Scale (Likert), [1-5]	distraction_awareness
Geef aan hoe vaak de volgende afleidingen voorkomen tijdens gebruik van jouw navigatiesysteem. (Het kost te veel tijd en/of moeite om mijn focus om te schakelen tussen het rijden en interactie met het navigatiesysteem)	Scale (Likert), [1-5]	distraction_shift_focus
Indicate how often the following distractions occur during the use of your navigation system. (It takes too much time and/or effort to shift my focus between driving and interacting with the navigation system)	Scale (Likert), [1-5]	distraction_mental_load
Indicate how often the following distractions occur during the use of your navigation system. (My visual attention frequently wanders away from the road while using the navigation system)	Scale (Likert), [1-5]	distraction_glance_frequency
Indicate how often the following distractions occur during the use of your navigation system. (My visual attention remains diverted from the road for too long while using the navigation system)	Scale (Likert), [1-5]	distraction_glance_duration
Identify 5 negative effects on your driving behavior resulting from distraction caused by your navigation system. (Negative effect 1)	Text	nav_behavior_1
Identify 5 negative effects on your driving behavior resulting from distraction caused by your navigation system. (Negative effect 2)	Text	nav_behavior_2
Identify 5 negative effects on your driving behavior resulting from distraction caused by your navigation system. (Negative effect 3)	Text	nav_behavior_3
Identify 5 negative effects on your driving behavior resulting from distraction caused by your navigation system. (Negative effect 4)	Text	nav_behavior_4
Identify 5 negative effects on your driving behavior resulting from distraction caused by your navigation system. (Negative effect 5)	Text	nav_behavior_5
Indicate how often the following negative effects occur on your driving behavior as a result of distraction caused by your navigation system. (I drive faster while being distracted by the navigation system)	Scale (Likert), [1-5]	behavior_more_speed

Question	Data type	Variable name
Indicate how often the following negative effects occur on your driving behavior as a result of distraction caused by your navigation system. (I drive slower while being distracted by the navigation system)	Scale (Likert), [1-5]	behavior_less_speed
Indicate how often the following negative effects occur on your driving behavior as a result of distraction caused by your navigation system. (I lose track of my speed while being distracted by the navigation system)	Scale (Likert), [1-5]	behavior_speed_control
Indicate how often the following negative effects occur on your driving behavior as a result of distraction caused by your navigation system. (My lane position becomes less stable (swerving) due to distraction caused by the navigation system)	Scale (Likert), [1-5]	behavior_lane_position
Indicate how often the following negative effects occur on your driving behavior as a result of distraction caused by your navigation system. (I react slower to traffic events due to distraction caused by the navigation system)	Scale (Likert), [1-5]	behavior_reaction_time
Indicate how often the following negative effects occur on your driving behavior as a result of distraction caused by your navigation system. (I take the wrong exit due to distraction or unclear instructions from the navigation system)	Scale (Likert), [1-5]	behavior_wrong_turns
Indicate how often the following negative effects occur on your driving behavior as a result of distraction caused by your navigation system. (I make mistakes in operating the car due to distraction caused by the navigation system)	Scale (Likert), [1-5]	behavior_operating_errors
Below is a statement. How often does this happen on a scale of 1 to 5? The navigation system provides unhelpful information and/or instructions.	Scale (Likert), [1-5]	bad_instructions
(If you indicate that your navigation system occasionally provides unhelpful information/instructions) Can you give a few examples in your own words? (Example 1 of bad information/instructions)	Text	bad_instructions_example_1
(If you indicate that your navigation system occasionally provides unhelpful information/instructions) Can you give a few examples in your own words? (Example 2 of bad information/instructions)	Text	bad_instructions_example_2
(If you indicate that your navigation system occasionally provides unhelpful information/instructions) Can you give a few examples in your own words? (Example 3 of bad information/instructions)	Text	bad_instructions_example_3
(If you indicate that your navigation system occasionally provides unhelpful information/instructions) Can you give a few examples in your own words? (Example 4 of bad information/instructions)	Text	bad_instructions_example_4
(If you indicate that your navigation system occasionally provides unhelpful information/instructions) Can you give a few examples in your own words? (Example 5 of bad information/instructions)	Text	bad_instructions_example_5
Below is a statement. How often does this happen on a scale of 1 to 5? The navigation system gets interrupted when I need it while driving.	Scale (Likert), [1-5]	interruptions
(If you indicate that your navigation system is sometimes interrupted when you try to use it). Could you give a few examples in your own words? (Example 1 of disruptive interruption)	Text	interruptions_example_1

Question	Data type	Variable name
(If you indicate that your navigation system is sometimes interrupted when you try to use it). Could you give a few examples in your own words? (Example 2 of disruptive interruption)	Text	interruptions_example_2
(If you indicate that your navigation system is sometimes interrupted when you try to use it). Could you give a few examples in your own words? (Example 3 of disruptive interruption)	Text	interruptions_example_3
(If you indicate that your navigation system is sometimes interrupted when you try to use it). Could you give a few examples in your own words? (Example 4 of disruptive interruption)	Text	interruptions_example_4
(If you indicate that your navigation system is sometimes interrupted when you try to use it). Could you give a few examples in your own words? (Example 5 of disruptive interruption)	Text	interruptions_example_5
According to you, what could potentially be changed in the design of the navigation system you use the most to ensure it has fewer negative effects on your driving behavior?	Text	desired_design_changes
Are there any other relevant issues you would like to mention about this topic?	Text	further_remarks
Are you open to participating in further research? If yes, could you please provide your email address so that we can contact you?	Text, [email address]	participate_follow_up
Participant ID	Text	participant_id
Started	Timestamp	started
Completed	Timestamp	completed
Time spent (HH:MM:SS.SSS)	Timestamp	time_spent
External ID	String	external_id