L3Pilot Global User Acceptance Survey, First Phase Data

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1 Description of the dataset

1.1 Introduction

The research leading to these results received funding from the European Commission Horizon 2020 programme under the project L3Pilot (L3Pilot.eu), grant agreement number 723051. The L3Pilot Global User Acceptance Survey investigated the acceptance of SAE Level 3 (L3) conditionally automated cars. Survey data was collected in two phases. This dataset contains the data from the first phase of the survey with responses collected from 17 countries on five continents. This document contains information about the survey methodology and coding of the variables. For a detailed description, please consult L3Pilot deliverable D7.1 'Annual quantitative survey about user acceptance towards ADAS and vehicle automation'.

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1.2 Contents of the questionnaire

Respondents were first presented with instructions about L3 cars to ensure that they had sufficient understanding of how these work. The instructions were written as follows:

> *"There are different terms to define the capabilities of automated cars, such as self-driving, autonomous, automated, pilotless, driverless, and conditionally automated. With this questionnaire, we would like to get your opinion **on conditionally automated cars.***
>
> *Conditionally automated cars can drive under limited conditions, such as **driving on motorways, on congested motorways, in urban traffic, and in parking situations.** They will not operate beyond these conditions.*
>
> *Conditionally automated cars do the steering, acceleration and braking. They will stay in the lane and maintain a safe distance to the vehicle in front. They will also overtake slower moving vehicles or change the lane. These cars still have gas and brake pedals and a steering wheel.*
>
> *You are <u>not</u> driving when the car is in conditionally automated mode – even if you are seated in the driver's seat. This will allow you to engage in other activities, such as emailing or watching videos. However, the car might ask you to resume vehicle control anytime, e.g., when approaching a construction site, which means you might have to stop what you are doing and resume control of the car.*

The questionnaire is executed as part of the research project L3Pilot (www.l3pilot.eu).

It will take around 20 minutes and your responses will be treated anonymously.

Thank you very much for your participation."

After the instructions, respondents were asked to answer questions about their sociodemographic profile (age, gender, income) and travel behaviour. Next, they were asked to respond to a series of questions testing how well they had understood the descriptions provided of L3 cars, based on the introduction to these cars at the beginning of the questionnaire. Next, they were asked to answer questions measuring their awareness of automated driving, and the frequency with which they receive information about automated cars from various sources. In the following questions, respondents were asked to report their attitudes towards L3 automation and willingness to pay for using L3 cars in different settings. Finally, they were asked to answer questions about the expected impact of L3 cars on their personal mobility, experiences with several advanced driver assistance systems (ADAS), and any further information about their sociodemographic profile. To ensure that the responses were not influenced by the order in which the questionnaire items were presented, questions that did not follow a specific logic were presented in random order across respondents.

1.3 Data collection

The first data collection period took place between April and June 2019 among a representative sample of ordinary car drivers from European countries, including Finland, France, Germany, Italy, Sweden, Hungary, the U.K., and two non-European countries, namely China and the U.S. The second data collection period took place between March and April 2020 among a representative sample (in terms of age, gender, and income) in Spain, Brazil, Russia, India, Indonesia, Japan, Russia, South Africa and Turkey.

The countries were selected based on their car market size and geographical representation (see L3Pilot deliverable D7.1. for details). An overview of all the countries surveyed in phases I and II is provided in Table 4 of D7.1.

The surveys were administered by the German market research institute INNOFACT AG (innofact.com) using the questionnaire tool EXAVO (https://www.exavo.de/surveytainment/). The Finnish data was collected by Taloustutkimus Oy (https://www.taloustutkimus.fi/in-english.html) among their nationally representative Internet panel, using their proprietary questionnaire tool. For all the surveys, the invitation to participate was sent via email by online panels with access to a large number of respondents. Once a representative sample per country was obtained, the questionnaire was closed and participation was no longer possible.

1.4 Data processing

The market research institute used several technologies to enhance data quality, ensuring that the respondents were human and not bots, without suspect proxies or email addresses, and that they

did not take the same survey more than once – e.g., via multiple email or panel accounts from the same computer. Respondents were financially compensated for their participation in the questionnaire. In Germany, respondents received 1.00 Euro for completing the questionnaire. The other respondents received points that were worth between 0.80 and 1.00 Euro per respondent, which could be redeemed as vouchers. The Finnish respondents could win prizes by being a member of the panel and participating in surveys.

Before the questionnaire was programmed and launched by INNOFACT AG, it was pre-tested in several iteration rounds to ensure clarity and a common understanding of the flow (e.g., order of items) and contents (i.e., meaning of items) of the questionnaire. This meant ensuring that the questionnaire was correctly translated into the different languages. In addition, INNOFACT AG performed a soft launch of the questionnaire, with approximately thirty respondents, to resolve any implementation or wording errors.

Data was screened for inconsistent or clearly false responses.

- Individuals who indicated that they frequently used all transport modes, including airplane, were removed (Q4).
- Respondents who responded, "I don't know" to all knowledge questions (Q6–Q10) were removed because they might not have read the instructions.
- *Respondents with inconsistent sociodemographic responses (i.e., aged 20 years and retired) were excluded.*

Because the questionnaire was aimed at frequent car users, individuals were omitted from the sample if they indicated that they rarely used a private car (excluding carsharing and rental cars) and rarely drove carsharing and rental cars (i.e., responded "almost never" to these questions), or if they did not provide any response to these questions. In total, there were 18 631 individual responses after applying filtering to the data collected in 17 countries.

2 L3Pilot publications/reports based on the dataset

The L3Pilot project has used the dataset in the following publications/reports (updated 25th November 2021). The users of the dataset are welcome to consult the publications for additional details.

- L3Pilot (2021). L3Pilot deliverable D7.1 Annual quantitative survey about user acceptance towards ADAS and vehicle automation.
  https://l3pilot.eu/fileadmin/user_upload/Downloads/Deliverables/Update_14102021/L3Pilot-SP7-D7.1-Annual_quantitative_survey_about_user_acceptance_towards_ADAS_and_vehicle_automation-v1.0_for_website.pdf

- L3Pilot (2021). L3Pilot deliverable D7.3 Pilot Evaluation Results.
  https://l3pilot.eu/fileadmin/user_upload/Downloads/Deliverables/Update_14102021/L3Pilot-SP7-D7.3-Pilot_Evaluation_Results-v1.0-for_website.pdf

- L3Pilot (2021). L3Pilot deliverable D7.4 Impact Evaluation Results.
  https://l3pilot.eu/fileadmin/user_upload/Downloads/Deliverables/Update_14102021/L3Pilot-SP7-D7.4-Impact_Evaluation_Results-v1.0-for_website.pdf

- Lehtonen, E., Malin, F., Innamaa, S., Nordhoff, S., Louw, T., Bjorvatn, A., & Merat, N. (2021). Are multimodal travellers going to abandon sustainable travel for L3 automated vehicles? *Transportation Research Interdisciplinary Perspectives*, *10*, 100380. https://doi.org/10.1016/j.trip.2021.100380

- Louw, T., Madigan, R., Lee, Y. M., Nordhoff, S., Lehtonen, E., Innamaa, S., Malin, F., Bjorvatn, A., & Merat, N. (2021). Drivers' Intentions to Use Different Functionalities of Conditionally Automated Cars: A Survey Study of 18,631 Drivers from 17 Countries. *International Journal of Environmental Research and Public Health, 18*(22), 12054. http://dx.doi.org/10.3390/ijerph182212054

- Nordhoff, S., Louw, T., Innamaa, S., Lehtonen, E., Beuster, A., Torrao, G., Bjorvatn, A., Kessel, T., Malin, F., Happee, R., & Merat, N. (2020). Using the UTAUT2 model to explain public acceptance of conditionally automated (L3) cars: A questionnaire study among 9,118 car drivers from eight European countries. *Transportation Research Part F: Traffic Psychology and Behaviour*, *74*, 280–297. https://doi.org/10.1016/j.trf.2020.07.015

- Nordhoff, S., Madigan, R., Louw, T., Lee, Y. M., Innamaa, S., Lehtonen, E., Malin, F., Bjorvatn, A., Kessel, T., Beuster, A., Happee, R., & Merat, N. (in press). Profiling the enthusiastic, neutral, and skeptical users of conditionally automated cars in 17 countries: A questionnaire study. *Journal of Advanced Transportation*.

3 Variables and their coding

The variables are described in Table 1. The response options for questions s3, f18a, f18b, f18c, f18d, f28, and f29 were country specific. Please check the response options on the country-specific label sheet of the dataset file.

For questions f5_*, the naming of variables differed, for technical reasons, between the first and second data collection periods. The current dataset follows the variable name conventions of the second period. Variable f5_1_1_dropdown corresponds to the variable f5a1_1, etc.

The participants were split into four groups, and questions f17*, f18*, f19* were addressed to the subgroup of drivers only. Variable ADF_group was added to the current combined dataset for convenience.

Table 1. Variables of the dataset. The first column shows variable ID and the second column either the question posed to the respondents or description of the variable if not a question. For questions, which were part of the larger set, also the leading question is given in parenthesis. The third column shows the coding of the values, which was sometimes country specific.

Variable ID	Question or description	Coding
userid	*user identifier*	
startdate[1]	*date when responding began*	
starttime	*time when responding began*	
enddate	*date when responding ended*	
endtime	*time when responding ended*	
country	*country*	1 = UK 2 = USA 3 = Sweden 4 = Germany 5 = France 6 = China 7 = Hungary 8 = Italy 9 = Finland 10 = Spain 11 = Brazil 12 = Indonesia 13= India 14 = Japan

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[1] The starting and ending timestamps are missing for some respondents due to technical reasons.

		15 = Russia 16 = South Africa 17 = Turkey
s1	How old are you?	years
age	*age category*	1 = less than 18 years 2 = 18-22 years 3 = 23-35 years 4 = 36-55 years 5 = 56-69 years 6 = over 69 years
s2	What is your gender?	1 = Male 2 = Female 3 = Other
s3	Which of the following groups represents the gross income of your household per year?	Please check the country specific coding from the label sheets.
s4_1	Walking for more than 500 meters/0.3 miles per trip (How often do you use the following transport modes?)	1 = (almost) daily 2 = 4-5 days per week 3 = 1-3 days per week 4 = 1-3 days per month 5 = less than once per month 6 = (almost) never 7 = I prefer not to respond
s4_2	Private personal bike (including electric bikes) (How often do you use the following transport modes?)	1 = (almost) daily 2 = 4-5 days per week 3 = 1-3 days per week 4 = 1-3 days per month 5 = less than once per month 6 = (almost) never 7 = I prefer not to respond
s4_3	Rental bike or bike-sharing (including electric bikes) (How often do you use the following transport modes?)	1 = (almost) daily 2 = 4-5 days per week 3 = 1-3 days per week 4 = 1-3 days per month 5 = less than once per month 6 = (almost) never 7 = I prefer not to respond
s4_4	Motorcycle as a driver (all motorcycles including (electric) scooter-sharing and rental motorcycles) (How often do you use the following transport modes?)	1 = (almost) daily 2 = 4-5 days per week 3 = 1-3 days per week 4 = 1-3 days per month 5 = less than once per month 6 = (almost) never 7 = I prefer not to respond
s4_5	Private car as driver (without car-sharing and rental cars) (How often do you use the following transport modes?)	1 = (almost) daily 2 = 4-5 days per week 3 = 1-3 days per week 4 = 1-3 days per month 5 = less than once per month

		6 = (almost) never 7 = I prefer not to respond
s4_6	Car as driver (only car-sharing and rental cars) (How often do you use the following transport modes?)	1 = (almost) daily 2 = 4-5 days per week 3 = 1-3 days per week 4 = 1-3 days per month 5 = less than once per month 6 = (almost) never 7 = I prefer not to respond
s4_7	Car as passenger (all cars including taxis and carpools) (How often do you use the following transport modes?)	1 = (almost) daily 2 = 4-5 days per week 3 = 1-3 days per week 4 = 1-3 days per month 5 = less than once per month 6 = (almost) never 7 = I prefer not to respond
s4_8	Public transport for trips of less than 50 km per direction/30 miles (regional trains, subways, trams, busses, ferries) (How often do you use the following transport modes?)	1 = (almost) daily 2 = 4-5 days per week 3 = 1-3 days per week 4 = 1-3 days per month 5 = less than once per month 6 = (almost) never 7 = I prefer not to respond
s4_9	Public transport for trips of more than 50 km/30 miles per direction (How often do you use the following transport modes?)	1 = (almost) daily 2 = 4-5 days per week 3 = 1-3 days per week 4 = 1-3 days per month 5 = less than once per month 6 = (almost) never 7 = I prefer not to respond
s4_10	Airplane (How often do you use the following transport modes?)	1 = (almost) daily 2 = 4-5 days per week 3 = 1-3 days per week 4 = 1-3 days per month 5 = less than once per month 6 = (almost) never 7 = I prefer not to respond
f5_1_6 (f5a1_6)	I don't take such trips – Commuting (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used ((if applicable)	0 = no 1 = yes
f5_1_1_dropdown (f5a1_1)	Passenger car - Commuting (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = 2nd most used 3 = 3rd most used

f5_1_2_dropdown (f5a1_2)	Public transport - Commuting (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = second most used 3 = third most used
f5_1_3_dropdown (f5a1_3)	Taxi - Commuting (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = second most used 3 = third most used
f5_1_4_dropdown (f5a1_4)	Motorbike or scooter - Commuting (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = second most used 3 = third most used
f5_1_5_dropdown (f5a1_5)	Bicycle or walking - Commuting (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = second most used 3 = third most used
f5_2_6 (f5a2_6)	I don't take such trips - Business travel (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	0 = no 1 = yes
f5_2_1_dropdown (f5a2_1)	Passenger car - Business travel (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = 2nd most used 3 = 3rd most used
f5_2_2_dropdown (f5a2_2)	Public transport - Business travel (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = second most used 3 = third most used

f5_2_3_dropdown (f5a2_3)	Taxi - Business travel (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = second most used 3 = third most used
f5_2_4_dropdown (f5a2_4)	Motorbike or scooter - Business travel (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = second most used 3 = third most used
f5_2_5_dropdown (f5a2_5)	Bicycle or walking - Business travel (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = second most used 3 = third most used
f5_3_6 (f5a3_6)	I don't take such trips - Leisure/social(What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used ((if applicable)	0 = no 1 = yes
f5_3_1_dropdown (f5a3_1)	Passenger car - Leisure/social (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = 2nd most used 3 = 3rd most used
f5_3_2_dropdown (f5a3_2)	Public transport - Leisure/social (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = second most used 3 = third most used
f5_3_3_dropdown (f5a3_3)	Taxi - Leisure/social (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = second most used 3 = third most used

f5_3_4_dropdown (f5a3_4)	Motorbike or scooter - Leisure/social (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = second most used 3 = third most used
f5_3_5_dropdown (f5a3_5)	Bicycle or walking - Leisure/social (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = second most used 3 = third most used
f5_4_6 (f5a4_6)	I don't take such trips - Errands (incl. groceries)(What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	0 = no 1 = yes
f5_4_1_dropdown (f5a4_1)	Passenger car - Errands (incl. groceries) (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = 2nd most used 3 = 3rd most used
f5_4_2_dropdown (f5a4_2)	Public transport - Errands (incl. groceries) (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = second most used 3 = third most used
f5_4_3_dropdown (f5a4_3)	Taxi - Errands (incl. groceries) (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = second most used 3 = third most used
f5_4_4_dropdown (f5a4_4)	Motorbike or scooter - Errands (incl. groceries) (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = second most used 3 = third most used

f5_4_5_dropdown (f5a4_5)	Bicycle or walking - Errands (incl. groceries) (What mode of transport do you typically use for the following trip types? Choose 1-3 often used modes: 1 for the one most used 2 for the second most used (if applicable) 3 for the third most used (if applicable).	1 = most used 2 = second most used 3 = third most used
f6	A conditionally automated car can stay in the lane on its own. Is this correct?	1 = Yes 2 = No 3 = I don't know
f7	A conditionally automated car can overtake on its own. Is this correct?	1 = Yes 2 = No 3 = I don't know
f8	A conditionally automated car can operate in all conditions. Is this correct?	1 = Yes 2 = No 3 = I don't know
f9	A conditionally automated car can ask me to take over control anytime. Is this correct?	1 = Yes 2 = No 3 = I don't know
f10	I as a driver of a conditionally automated car can pursue other activities. I am not allowed to sleep in the car. Is this correct?	1 = Yes 2 = No 3 = I don't know
f11	Have you ever heard of automated cars before taking part in the present questionnaire survey?	1 = Yes 2 = No
f12_1	Online communities (e.g. blogs forums), websites about IT cars or motoring (How often do you get information on automated cars from the following sources?)	1 = Daily 2 = Weekly 3 = Monthly 4 = Less than monthly 5 = Never
f12_2	Social media (e.g. Facebook, Instagram, Twitter, YouTube) (How often do you get information on automated cars from the following sources?)	1 = Daily 2 = Weekly 3 = Monthly 4 = Less than monthly 5 = Never
f12_3	Radio, TV (How often do you get information on automated cars from the following sources?)	1 = Daily 2 = Weekly 3 = Monthly 4 = Less than monthly 5 = Never
f12_4	Friends, family members, colleagues (How often do you get information on automated cars from the following sources?)	1 = Daily 2 = Weekly 3 = Monthly 4 = Less than monthly 5 = Never
f12_5	Car dealers, car manufacturers, suppliers (How often do you get information on automated cars from the following sources?)	1 = Daily 2 = Weekly 3 = Monthly 4 = Less than monthly 5 = Never

f12_6	Newspapers, magazines (not online) (How often do you get information on automated cars from the following sources?)	1 = Daily 2 = Weekly 3 = Monthly 4 = Less than monthly 5 = Never
f13_1	Other people come to me for advice on new technologies. (Please indicate to what extent you agree with the following statements which relate to the usage of new technologies.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f13_2	In general I am among the first in my circle of friends to acquire new technology when it appears. (Please indicate to what extent you agree with the following statements which relate to the usage of new technologies.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f13_3	I can usually figure out new high-tech products and services without help from others. (Please indicate to what extent you agree with the following statements which relate to the usage of new technologies.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f13_4	I keep up with the latest technological developments in my areas of interest. (Please indicate to what extent you agree with the following statements which relate to the usage of new technologies.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f14	I would use the time during which a conditionally automated car is driving for other activities. (While driving in conditionally automated mode you as driver will be allowed to engage in other activities. (Please indicate to what extent you agree with the following statement, which relates to the activities you would like to perform in a conditionally automated car.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f14b_1	Taking care of children - Which activities would you like to perform in a conditionally automated car? Please select a maximum of three activities.	0 = no 1 = yes
f14b_2	Talking to my fellow travelers - Which activities would you like to perform in a conditionally automated car? Please select a maximum of three activities.	0 = no 1 = yes
f14b_3	Surfing the internet watching videos or TV shows - Which activities would you like to perform in a	0 = no 1 = yes

	conditionally automated car? Please select a maximum of three activities.	
f14b_4	Playing games (e.g. video or board games) - Which activities would you like to perform in a conditionally automated car? Please select a maximum of three activities.	0 = no 1 = yes
f14b_5	Socializing with friends or family (e.g. write messages make phone calls use social media) - Which activities would you like to perform in a conditionally automated car? Please select a maximum of three activities.	0 = no 1 = yes
f14b_6	Eating and drinking - Which activities would you like to perform in a conditionally automated car? Please select a maximum of three activities.	0 = no 1 = yes
f14b_7	Observing the landscape - Which activities would you like to perform in a conditionally automated car? Please select a maximum of three activities.	0 = no 1 = yes
f14b_8	Relaxing and resting - Which activities would you like to perform in a conditionally automated car? Please select a maximum of three activities.	0 = no 1 = yes
f14b_9	Reading a book - Which activities would you like to perform in a conditionally automated car? Please select a maximum of three activities.	0 = no 1 = yes
f14b_10	Working (e.g. make phone calls or write emails) - Which activities would you like to perform in a conditionally automated car? Please select a maximum of three activities.	0 = no 1 = yes
f14b_11	None of it - Which activities would you like to perform in a conditionally automated car? Please select a maximum of three activities.	0 = no 1 = yes
f15_1	collecting information about the way I drive to ensure I can manage a safe take-over (A conditionally automated car may collect some information about the way you drive. The car can also observe your behavior. For example, cameras inside the car interior can be used to detect your drowsiness by observing your eye movements (e.g., eyelid closure and blinking behaviour), face muscle activity, or head movements. Please indicate to what extent you agree with	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond

	the following statements, which relate to privacy-related topics and conditionally automated cars. I would feel comfortable with a conditionally automated car...)	
f15_2	using information about the way I drive for other purposes (following my authorization). This may include information used by insurance companies to create an individual risk (A conditionally automated car may collect some information about the way you drive. The car can also observe your behavior. For example, cameras inside the car interior can be used to detect your drowsiness by observing your eye movements (e.g., eyelid closure and blinking behaviour), face muscle activity, or head movements. Please indicate to what extent you agree with the following statements, which relate to privacy-related topics and conditionally automated cars. I would feel comfortable with a conditionally automated car...)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f15_3	monitoring my eye behaviour to issue warnings in case I become drowsy (A conditionally automated car may collect some information about the way you drive. The car can also observe your behavior. For example, cameras inside the car interior can be used to detect your drowsiness by observing your eye movements (e.g., eyelid closure and blinking behaviour), face muscle activity, or head movements. Please indicate to what extent you agree with the following statements, which relate to privacy-related topics and conditionally automated cars. I would feel comfortable with a conditionally automated car...)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_1	I expect that a conditionally automated car would be useful in meeting my daily mobility needs. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_2	Using a conditionally automated car would help me reach my destination	1 = Strongly disagree 2 = Disagree

	more safely. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.)	3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_3	Learning how to use a conditionally automated car would be easy for me. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_4	I expect that a conditionally automated car would be easy to use. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_5	Using a conditionally automated car would help me reach my destination more comfortably. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_6	It would be easy for me to become skillful at using a conditionally automated car. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_7	Using a conditionally automated car would be fun. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_8	I assume that people whose opinions I value would prefer that I use a conditionally automated car. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_9	Using a conditionally automated car would be entertaining. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond

f16_10	I intend to use a conditionally automated car in the future. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_11	Using a conditionally automated car would be enjoyable. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_12	Assuming that I had access to a conditionally automated car I predict that I would use it. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_13	I could acquire the necessary knowledge to use a conditionally automated car. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_14	I plan to use a conditionally automated car in adverse weather conditions such as during heavy rain or fog and in darkness. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_15	I would expect the use of a conditionally automated car to be compatible with other digital devices I use. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_16	I would use a conditionally automated car during my everyday trips. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_17	I would expect to have the necessary knowledge to use a conditionally automated car. (Now we kindly ask you to give your opinion on conditionally automated cars. Please	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree

	indicate to what extent you agree with the following statements.)	5 = Strongly agree 6 = I prefer not to respond
f16_18	I expect that people who influence my behaviour think that I should use a conditionally automated car. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_19	I would be able to get help from others when I have difficulties using a conditionally automated car. (Now we kindly ask you to give your opinion on conditionally automated cars Please indicate to what extent you agree with the following statements.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_20	I expect that people who are important to me think that I should use a conditionally automated car. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_21	I would recommend a conditionally automated car to others. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_22	I assume that a conditionally automated car would be useful in my daily life. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f16_23	I plan to buy a conditionally automated car once it is available. (Now we kindly ask you to give your opinion on conditionally automated cars. Please indicate to what extent you agree with the following statements.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond

ADF_group	*selected group*
	The participants were split into four and the questions f17*, f18*, f19* were asked from the subgroup of the drivers only. Letters in the variables IDs have the following mapping.
	    a) motorways
	    b) congested motorways
	    c) urban
		1 = Motorways
		2 = Congested motorways
		3 = Urban roads
		4 = Parking situations

	d) parking	
f17b	I plan to use a conditionally automated car on congested motorways once it becomes available. (Please indicate to what extent you agree with the following statement.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f18b[2]	How much would you be willing to pay for being able to drive in automated mode on congested motorways?	Please check the country specific coding from the label sheets. Finland: The question was asked from all participants, unlike to other surveys.
f19b_1	I would feel comfortable giving control to a conditionally automated car. (Please indicate to what extent you agree with the following statements, which relate to your expectations if you were using a conditionally automated car on congested motorways.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19b_2	I would feel relaxed during the ride in a conditionally automated car. (Please indicate to what extent you agree with the following statements, which relate to your expectations if you were using a conditionally automated car on congested motorways.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19b_3	I think I would monitor the car's performance the whole time to be sure I can safely take over control from the car when needed. (Please indicate to what extent you agree with the following statements, which relate to your expectations if you were using a conditionally automated car on congested motorways.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19b_4	I would expect that a conditionally automated car acts appropriately in all situations. (Please indicate to what extent you agree with the following statements, which relate to your expectations if you were using a	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond

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	conditionally automated car on congested motorways.)	
f19b_5	I would trust a conditionally automated car for my everyday travel. (Please indicate to what extent you agree with the following statements, which relate to your expectations if you were using a conditionally automated car on congested motorways.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19b_6	I would feel safe using a conditionally automated car. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on congested motorways.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19b_7	I would expect that a conditionally automated car is reliable. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on congested motorways.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19b_8	I would be concerned about the general safety of a conditionally automated car. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on cong	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19b_9	I believe that the actions of a conditionally automated car would be predictable. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on congested motorways.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19b_10	I think I would be more aware of the traffic environment in a conditionally automated car than when I would drive on my own. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on congested motorways.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19b_11	I would be concerned that a failure or malfunctions of a conditionally automated car may cause accidents. (Please indicate to what extent you agree with	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree

	the following statements which relate to your expectations if you were using a conditionally automated car on congested motorways.)	5 = Strongly agree 6 = I prefer not to respond
f19b_12	I would be concerned to take over control from a conditionally automated car after being engaged in activities other than driving (e.g.watching a movie using social media). (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on congested motorways.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f17c	I plan to use a conditionally automated car on urban roads once it becomes available. (Please indicate to what extent you agree with the following statement.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f18c[3]	How much would be willing to pay for being able to drive in automated mode on urban roads?	Please check the country specific coding from the label sheets. Finland: The question was asked from all participants, unlike to other surveys.
f19c_1	I would feel comfortable giving control to a conditionally automated car. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on urban roads.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19c_2	I would feel relaxed during the ride in a conditionally automated car. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on urban roads.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19c_3	I think I would monitor the car's performance the whole time to be sure I can safely take over control from the car	1 = Strongly disagree 2 = Disagree 3 = Neutral

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	when needed. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on urban roads.)	4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19c_4	I would expect that a conditionally automated car acts appropriately in all situations. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on urban roads.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19c_5	I would trust a conditionally automated car for my everyday travel. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on urban roads.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19c_6	I would feel safe using a conditionally automated car. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on urban roads.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19c_7	I would expect that a conditionally automated car is reliable. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on urban roads.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19c_8	I would be concerned about the general safety of a conditionally automated car. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on urban roads.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19c_9	I believe that the actions of a conditionally automated car would be predictable. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on urban roads.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond

f19c_10	I think I would be more aware of the traffic environment in a conditionally automated car than when I would drive on my own. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on urban roads.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19c_11	I would be concerned that a failure or malfunctions of a conditionally automated car may cause accidents. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on urban roads.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19c_12	I would be concerned to take over control from a conditionally automated car after being engaged in activities other than driving (e.g. watching a movie using social media). (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on urban roads.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f17a	I plan to use a conditionally automated car on motorways once it becomes available. (Please indicate to what extent you agree with the following statement.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f18a[4]	How much would you be willing to pay for being able to drive in conditionally automated mode on motorways?	Please check the country specific coding from the label sheets. Finland: The question was asked from all participants, unlike to other surveys.
f19a_1	I would feel comfortable giving control to a conditionally automated car. (Please indicate to what extent you agree with	1 = Strongly disagree 2 = Disagree 3 = Neutral

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	the following statements which relate to your expectations if you were using a conditionally automated car on motorways.)	4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19a_2	I would feel relaxed during the ride in a conditionally automated car. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on motorways.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19a_3	I think I would monitor the car's performance the whole time to be sure I can safely take over control from the car when needed. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on motorways.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19a_4	I would expect that a conditionally automated car acts appropriately in all situations. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on motorways.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19a_5	I would trust a conditionally automated car for my everyday travel. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on motorways.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19a_6	I would feel safe using a conditionally automated car. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on motorways.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19a_7	I would expect that a conditionally automated car is reliable. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on motorways.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19a_8	I would be concerned about the general safety of a conditionally automated car.	1 = Strongly disagree 2 = Disagree

	(Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on motorways.)	3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19a_9	I believe that the actions of a conditionally automated car would be predictable. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on motorways.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19a_10	I think I would be more aware of the traffic environment in a conditionally automated car than when I would drive on my own. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on motorways.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19a_11	I would be concerned that a failure or malfunctions of a conditionally automated car may cause accidents. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on motorways.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19a_12	I would be concerned to take over control from a conditionally automated car after being engaged in activities other than driving (e.g. watching a movie using social media). (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car on motorways.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f17d	I plan to use a conditionally automated car in parking situations once it becomes available. (Please indicate to what extent you agree with the following statement.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond

f18d[5]	How much would you be willing to pay for enabling your car to park in conditionally automated mode?	Please check the country specific coding from the label sheets. Finland: The question was asked from all participants, unlike to other surveys.
f19d_1	I would feel comfortable giving control to a conditionally automated car. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car in parking situations.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19d_2	I would feel relaxed during the ride in a conditionally automated car. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car in parking situations.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19d_3	I think I would monitor the car's performance the whole time to be sure I can safely take over control from the car when needed(Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car in parking situations.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19d_4	I would expect that a conditionally automated car acts appropriately in all situations. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19d_5	I would trust a conditionally automated car for my everyday travel. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car in parking situations.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond

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f19d_6	I would feel safe using a conditionally automated car. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car in parking situations.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19d_7	I would expect that a conditionally automated car is reliable. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car in parking situations.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19d_8	I would be concerned about the general safety of a conditionally automated car. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car in parking situations.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19d_9	I believe that the actions of a conditionally automated car would be predictable. ((Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car in parking situations.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19d_10	I think I would be more aware of the traffic environment in a conditionally automated car than when I would drive on my own. (Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car in parking situations.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19d_11	I would be concerned that a failure or malfunctions of a conditionally automated car may cause accidents. ((Please indicate to what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car in parking situations.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I prefer not to respond
f19d_12	I would be concerned to take over control from a conditionally automated car after being engaged in activities other than driving (e.g. watching a movie using social media). (Please indicate to	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree

	what extent you agree with the following statements which relate to your expectations if you were using a conditionally automated car in parking situations.)	5 = Strongly agree 6 = I prefer not to respond
f20_1	for my daily commute to work/school/university/ training school (Please indicate to what extent you agree with the following statements which relate to the types of trips you could use a conditionally automated car for.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I don't take such trips 7 = I prefer not to respond
f20_2	for business travel (Please indicate to what extent you agree with the following statements which relate to the types of trips you could use a conditionally automated car for.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I don't take such trips 7 = I prefer not to respond
f20_3	to run errands (e.g. going to dentist, or post office, visits to authorities, grocery shopping) (Please indicate to what extent you agree with the following statements which relate to the types of trips you could use a conditionally automated car for.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I don't take such trips 7 = I prefer not to respond
f20_4	for leisure activities (e.g. sport, concert, restaurant, meeting friends) (Please indicate to what extent you agree with the following statements which relate to the types of trips you could use a conditionally automated car for.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I don't take such trips 7 = I prefer not to respond
f20_5	for vacation trips (Please indicate to what extent you agree with the following statements which relate to the types of trips you could use a conditionally automated car for.)	1 = Strongly disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly agree 6 = I don't take such trips 7 = I prefer not to respond
f21_1	Productive use of travel time (How do you think conditionally automated cars will affect your personal mobility?)	1 = Large increase 2 = Small increase 3 = No change 4 = Small decrease 5 = Large decrease 6 = I prefer not to respond
f21_2	Travel comfort (How do you think conditionally automated cars will affect your personal mobility?)	1 = Large increase 2 = Small increase 3 = No change 4 = Small decrease

		5 = Large decrease 6 = I prefer not to respond
f21_3	Number of accidents (How do you think conditionally automated cars will affect your personal mobility?)	1 = Large increase 2 = Small increase 3 = No change 4 = Small decrease 5 = Large decrease 6 = I prefer not to respond
f21_4	Traffic congestion (How do you think conditionally automated cars will affect your personal mobility?)	1 = Large increase 2 = Small increase 3 = No change 4 = Small decrease 5 = Large decrease 6 = I prefer not to respond
f21_5	Personal (no automated) car use (How do you think conditionally automated cars will affect your personal mobility?)	1 = Large increase 2 = Small increase 3 = No change 4 = Small decrease 5 = Large decrease 6 = I prefer not to respond
f21_6	Public transport use (How do you think conditionally automated cars will affect your personal mobility?)	1 = Large increase 2 = Small increase 3 = No change 4 = Small decrease 5 = Large decrease 6 = I prefer not to respond
f21_7	Use of active travel modes (i.e. walking cycling) (How do you think conditionally automated cars will affect your personal mobility?)	1 = Large increase 2 = Small increase 3 = No change 4 = Small decrease 5 = Large decrease 6 = I prefer not to respond
f21_8	Overall weekly number of trips (How do you think conditionally automated cars will affect your personal mobility?)	1 = Large increase 2 = Small increase 3 = No change 4 = Small decrease 5 = Large decrease 6 = I prefer not to respond
f21_9	Travel time per trip (How do you think conditionally automated cars will affect your personal mobility?)	1 = Large increase 2 = Small increase 3 = No change 4 = Small decrease 5 = Large decrease 6 = I prefer not to respond
f21_10	Fuel consumption (How do you think conditionally automated cars will affect your personal mobility?)	1 = Large increase 2 = Small increase 3 = No change 4 = Small decrease 5 = Large decrease 6 = I prefer not to respond

f21_11	Number of kilometers (How do you think conditionally automated cars will affect your personal mobility?)	1 = Large increase 2 = Small increase 3 = No change 4 = Small decrease 5 = Large decrease 6 = I prefer not to respond
f22	Do you have a valid driving license?	1 = Yes 2 = No
f23	Do you travel in kilometres or miles? Please select one option.	1 = Kilometres 2 = Miles
f24a	Approximately how many kilometres did you drive in the last 12 months as a driver?	1 = Less than 2,000 km 2 = 2,000-5,000 km 3 = 5,000-10,000 km 4 = 10,000-15,000 km 5 = 15,000-20,000 km 6 = 20,000-50,000 km 7 = More than 50,000 km 8 = I prefer not to respond
f24b	Approximately how many miles did you drive in the last 12 months as a driver?	1 = Less than 1,000 miles 2 = 1,000-3,000 miles 3 = 3,000-6,000 miles 4 = 6,000-9,000 miles 5 = 9,000-12,000miles 6 = 12,000-30,000miles 7 = More than 30,000 miles 8 = I prefer not to respond
f25_1	Automated Emergency Braking (AEB; A system that automatically brakes the vehicle when an impending collision is detected). (Today's cars offer lots of technical equipment - known as driver assistance systems - intended to support the driver. Please indicate if you have the following driving assistance systems in the car(s) you use, if so, whether you use them.)	1 = I have it and I use it 2 = I have it but I don't use it 3 = Don't know if I have it 4 = I don't have it but I would use it 5 = I don't have it and I would not use it 6 = I prefer not to respond
f25_2	Forward Collision Warning (FCW; A system that provides warnings for potential collisions with the vehicle in front). (Today's cars offer lots of technical equipment - known as driver assistance systems - intended to support the driver. Please indicate if you have the following driving assistance systems in the car(s) you use, if so, whether you use them.)	1 = I have it and I use it 2 = I have it but I don't use it 3 = Don't know if I have it 4 = I don't have it but I would use it 5 = I don't have it and I would not use it 6 = I prefer not to respond
f25_3	Blind Spot Monitoring (BSM; A system that monitors the driver's left and right blind spots for other vehicles. Often drivers receive a visual or audio alert	1 = I have it and I use it 2 = I have it but I don't use it 3 = Don't know if I have it 4 = I don't have it but I would

	whenever a vehicle is present). (Today's cars offer lots of technical equipment - known as driver assistance systems - intended to support the driver. Please indicate if you have the following driving assistance systems in the car(s) you use, if so, whether you use them.)	use it 5 = I don't have it and I would not use it 6 = I prefer not to respond
f25_4	Drowsy Driver Detection (A system that detects driver drowsiness). (Today's cars offer lots of technical equipment - known as driver assistance systems - intended to support the driver. Please indicate if you have the following driving assistance systems in the car(s) you use, if so, whether you use them.)	1 = I have it and I use it 2 = I have it but I don't use it 3 = Don't know if I have it 4 = I don't have it but I would use it 5 = I don't have it and I would not use it 6 = I prefer not to respond
f25_5	Lane Departure Warning (LDW; A system that provides assistance with lane-keeping by sounding warnings when the vehicle travels outside the current lane's markings/boundaries of the current lane). (Today's cars offer lots of technical equipment - known as driver assistance systems - intended to support the driver. Please indicate if you have the following driving assistance systems in the car(s) you use, if so, whether you use them.)	1 = I have it and I use it 2 = I have it but I don't use it 3 = Don't know if I have it 4 = I don't have it but I would use it 5 = I don't have it and I would not use it 6 = I prefer not to respond
f25_6	Lane Keeping Assistance (LKA; A system that helps the driver to avoid inadvertently moving out of a lane). (Today's cars offer lots of technical equipment - known as driver assistance systems - intended to support the driver. Please indicate if you have the following driving assistance systems in the car(s) you use, if so, whether you use them.)	1 = I have it and I use it 2 = I have it but I don't use it 3 = Don't know if I have it 4 = I don't have it but I would use it 5 = I don't have it and I would not use it 6 = I prefer not to respond
f25_7	Adaptive Cruise Control (ACC; A system that maintains vehicle speed while in cruise control mode but automatically slows down or speeds up to keep a driver-selected distance from a vehicle ahead). (Today's cars offer lots of technical equipment - known as driver assistance systems - intended to support the driver.	1 = I have it and I use it 2 = I have it but I don't use it 3 = Don't know if I have it 4 = I don't have it but I would use it 5 = I don't have it and I would not use it 6 = I prefer not to respond

	Please indicate if you have the following driving assistance systems in the car(s) you use, if so, whether you use them.)	
f25_8	Parking Assist (Radar - beeps-) or camera view). The driver is in the car during the parking maneuver. (Today's cars offer lots of technical equipment - known as driver assistance systems - intended to support the driver. Please indicate if you have the following driving assistance systems in the car(s) you use, if so, whether you use them.)	1 = I have it and I use it 2 = I have it but I don't use it 3 = Don't know if I have it 4 = I don't have it but I would use it 5 = I don't have it and I would not use it 6 = I prefer not to respond
f25_9	Self-parking Assist System (A system that controls the vehicle for parallel or reverse parking. The system may control both steering and the throttle or only control the steering (the driver presses the brake and throttle) during the parking maneuver.) The driver is in the car during the parking maneuver. (Today's cars offer lots of technical equipment - known as driver assistance systems - intended to support the driver. Please indicate if you have the following driving assistance systems in the car(s) you use, if so, whether you use them.)	1 = I have it and I use it 2 = I have it but I don't use it 3 = Don't know if I have it 4 = I don't have it but I would use it 5 = I don't have it and I would not use it 6 = I prefer not to respond
f26	How often do you purchase or change your car?	1 = Every year 2 = 2-5 years 3 = 6-10 years 4 = > 10 years 5 = Not sure no clear habits 6 = Not relevant to me 7 = I prefer not to respond
f27	What will your next car be?	1 = Company purchased car 2 = Own car leased 3 = Own car financed or directly paid 4 = Car sharing car 5 = I don't know yet 6 = I prefer not to respond

f28[6]	How much would you be willing to pay for your next car (By this we mean the costs of a manual driver-controlled car that cannot drive in automated mode)?	Please check the country specific coding from the label sheets.
f29	What is the highest educational level you have completed or you are about to complete?	Please check the country specific coding from the label sheets.
f30	What is your employment status?	1 = Employed full-time 2 = Employed part-time 3 = Self-employed 4 = Homemaker 5 = Unemployed 6 = Student 7 = Retired
f31	How many children under 19 years old live in your household?	1 = None 2 = 1 3 = 2 4 = 3 5 = 4 6 = more than 4 7 = I prefer not to respond
f32	Please indicate where your main residence is located.	Please check the country specific coding from the label sheets.

[6] Embargoed until November 2022.