

# Codebook

RWI Climate-Mobility Panel 2018

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Questions that were slightly modified in the subsequent year(s) are marked by an asterisk (\*). These modifications may include changes in the wording of questions, the addition or removal of response options, adjustments in response labels, or changes in the filters applied (i.e., the groups of respondents who received the respective question). When using the datasets from multiple waves for time series or panel analyses, it should be verified that the variables as well as the values they contain are matched correctly.

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## Name of variable: serial

**Description:** Serial number

**Descriptives:**

Min.: 2.00 Max.: 7841.00  
1. Qu.: 1956.00 3. Qu.: 5880.00  
Mean: 3919.39 Median: 3919.00

**Missings and Encoding:**

Don't know / No answer (-1): 0  
Question not asked (-2): 0

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024  
serial serial serial serial

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## Name of variable: compl

**Description:** Status of interview

**Descriptives:**

Min.: 1.00 Max.: 4.00  
1. Qu.: 1.00 3. Qu.: 1.00  
Mean: 1.38 Median: 1.00

**Missings and Encoding:**

Don't know / No answer (-1): 0 1 Complete  
Question not asked (-2): 0 3 Quotafull  
4 Interview in progress or canceled/interrupted

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024  
compl compl compl compl

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## Name of variable: splitd

**Description:** Agree to participate in smartphone tracking

**Descriptives:**

Min.: 1.00 Max.: 2.00  
1. Qu.: 2.00 3. Qu.: 2.00  
Mean: 1.80 Median: 2.00

**Missings and Encoding:**

Don't know / No answer (-1): 0 1 Tracker  
Question not asked (-2): 103 2 Tracker-rejected

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024  
splitd splitd\* dsamp\* dsamp\*

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## Name of variable: mod1

**Description:** Willing to participate in other survey smartphone tracking

**Descriptives:**

Min.:	1.00	Max.:	2.00
1. Qu.:	1.00	3. Qu.:	2.00
Mean:	1.31	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1):	211	1 Yes
Question not asked (-2):	6304	2 No

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
mod1	-	-	-

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## Name of variable: m1

**Description:** Number of cars in household

**Descriptives:**

Min.:	0.00	Max.:	22.00
1. Qu.:	1.00	3. Qu.:	2.00
Mean:	1.52	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1):	91
Question not asked (-2):	201

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m1	m1	m1*	m1*

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## Name of variable: m2\_1

**Description:** Purpose of usage: car 1

**Descriptives:**

Min.:	1.00	Max.:	3.00
1. Qu.:	1.00	3. Qu.:	1.00
Mean:	1.24	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1):	3	1 Almost only private
Question not asked (-2):	905	2 Both private and business
		3 Almost only business-related

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m2_1	m2_1	m2_1*	m2_1*

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## Name of variable: m3\_1

**Description:** Type: car 1

**Descriptives:**

Min.: 1.00    Max.: 7.00  
1. Qu.: 2.00    3. Qu.: 4.00  
Mean: 2.88    Median: 2.00

**Missings and Encoding:**

Don't know / No answer (-1): 47    1 Subcompact / small car  
Question not asked (-2): 905    2 Compact car  
3 Mid-size car  
4 Van  
5 Upper-class  
6 Luxury class  
7 SUV/off-road vehicle

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m3_1	m3_1	m3_1*	m3_1*

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## Name of variable: m4\_1

**Description:** Kind of engine: car 1

**Descriptives:**

Min.: 1.00    Max.: 5.00  
1. Qu.: 1.00    3. Qu.: 2.00  
Mean: 1.40    Median: 1.00

**Missings and Encoding:**

Don't know / No answer (-1): 4    1 Gasoline  
Question not asked (-2): 907    2 Diesel  
3 Hybrid  
4 Electric motor  
5 Other

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m4_1	m4_1	m4_1*	m4_1*

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## Name of variable: m5\_1

**Description:** Age: car 1

**Descriptives:**

Min.: 0.00    Max.: 95.00  
1. Qu.: 3.00    3. Qu.: 10.00  
Mean: 7.60    Median: 6.00

**Missings and Encoding:**

Don't know / No answer (-1): 63  
Question not asked (-2): 904

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m5_1	m5_1	m5_1*	m5_1*

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**Name of variable: m6\_1****Description:** Number of kilometers per year: car 1**Descriptives:**

Min.:	1.00	Max.:	900000.00
1. Qu.:	8000.00	3. Qu.:	20000.00
Mean:	18487.54	Median:	12000.00

**Missings and Encoding:**

Don't know / No answer (-1): 196  
Question not asked (-2): 910

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m6_1	m6_1	m6_1	m6_1

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**Name of variable: m2\_2****Description:** Purpose of usage: car 2**Descriptives:**

Min.:	1.00	Max.:	3.00
1. Qu.:	1.00	3. Qu.:	1.00
Mean:	1.28	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1): 20	1 Almost only private
Question not asked (-2): 4405	2 Both private and business
	3 Almost only business-related

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m2_2	m2_2	m2_2*	m2_2*

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**Name of variable: m3\_2****Description:** Type: car 2**Descriptives:**

Min.:	1.00	Max.:	7.00
1. Qu.:	1.00	3. Qu.:	3.00
Mean:	2.60	Median:	2.00

**Missings and Encoding:**

Don't know / No answer (-1): 64  
 Question not asked (-2): 4406

- 1 Subcompact / small car
- 2 Compact car
- 3 Mid-size car
- 4 Van
- 5 Upper-class
- 6 Luxury class
- 7 SUV/off-road vehicle

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024  
 m3\_2 m3\_2 m3\_2\* m3\_2\*

**Name of variable: m4\_2**

**Description:** Kind of engine: car 2

**Descriptives:**

Min.: 1.00 Max.: 5.00  
 1. Qu.: 1.00 3. Qu.: 2.00  
 Mean: 1.39 Median: 1.00

**Missings and Encoding:**

Don't know / No answer (-1): 5  
 Question not asked (-2): 4409

- 1 Gasoline
- 2 Diesel
- 3 Hybrid
- 4 Electric motor
- 5 Other

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024  
 m4\_2 m4\_2 m4\_2\* m4\_2\*

**Name of variable: m5\_2**

**Description:** Age: car 2

**Descriptives:**

Min.: 0.00 Max.: 81.00  
 1. Qu.: 3.00 3. Qu.: 11.00  
 Mean: 8.17 Median: 7.00

**Missings and Encoding:**

Don't know / No answer (-1): 60  
 Question not asked (-2): 4407

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024  
 m5\_2 m5\_2 m5\_2\* m5\_2\*

**Name of variable: m6\_2**

**Description:** Number of kilometers per year: car 2

**Descriptives:**

Min.:	0.00	Max.:	300000.00
1. Qu.:	5000.00	3. Qu.:	15000.00
Mean:	15867.46	Median:	10000.00

**Missings and Encoding:**

Don't know / No answer (-1): 169  
 Question not asked (-2): 4409

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m6_2	m6_2	m6_2	m6_2

**Name of variable: m2\_3****Description:** Purpose of usage: car 3**Descriptives:**

Min.:	1.00	Max.:	3.00
1. Qu.:	1.00	3. Qu.:	1.00
Mean:	1.24	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1): 8	1 Almost only private
Question not asked (-2): 7108	2 Both private and business
	3 Almost only business-related

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m2_3	m2_3	m2_3*	m2_3*

**Name of variable: m3\_3****Description:** Type: car 3**Descriptives:**

Min.:	1.00	Max.:	7.00
1. Qu.:	1.00	3. Qu.:	4.00
Mean:	2.79	Median:	2.00

**Missings and Encoding:**

Don't know / No answer (-1): 58	1 Subcompact / small car
Question not asked (-2): 7108	2 Compact car
	3 Mid-size car
	4 Van
	5 Upper-class
	6 Luxury class
	7 SUV/off-road vehicle

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m3_3	m3_3	m3_3*	m3_3*

## Name of variable: m4\_3

**Description:** Kind of engine: car 3

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	1.00	3. Qu.:	2.00
Mean:	1.33	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1):	3	1 Gasoline
Question not asked (-2):	7108	2 Diesel
		3 Hybrid
		4 Electric motor
		5 Other

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m4_3	m4_3	m4_3*	m4_3*

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## Name of variable: m5\_3

**Description:** Age: car 3

**Descriptives:**

Min.:	0.00	Max.:	81.00
1. Qu.:	4.00	3. Qu.:	15.00
Mean:	11.31	Median:	8.00

**Missings and Encoding:**

Don't know / No answer (-1): 26  
Question not asked (-2): 7107

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m5_3	m5_3	m5_3*	m5_3*

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## Name of variable: m6\_3

**Description:** Number of kilometers per year: car 3

**Descriptives:**

Min.:	0.00	Max.:	600000.00
1. Qu.:	3000.00	3. Qu.:	15000.00
Mean:	13886.98	Median:	8000.00

**Missings and Encoding:**

Don't know / No answer (-1): 51  
Question not asked (-2): 7107

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m6_3	m6_3	m6_3	m6_3



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## Name of variable: m7

**Description:** Which car do you personally use most?

**Descriptives:**

Min.:	1.00	Max.:	3.00
1. Qu.:	1.00	3. Qu.:	1.00
Mean:	1.18	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1):	24	1 Car 1
Question not asked (-2):	4415	2 Car 2
		3 Car 3

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m7	m7	m7*	m7*

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## Name of variable: m81

**Description:** Type of parking lot at home: garage / private parking lot

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	1.00	3. Qu.:	1.00
Mean:	0.82	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0 No own garage / private parking lot
Question not asked (-2):	946	1 Own garage / private parking lot

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m81	m81	-	-

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## Name of variable: m82

**Description:** Type of parking lot at home: roadside / public road space

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.23	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0 No roadside / public road space
Question not asked (-2):	946	1 Roadside / public road space

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m82	m82	-	-

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## Name of variable: m83

**Description:** Type of parking lot at home: don't know / no answer

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.00	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	No don't know / no answer
Question not asked (-2):	946	1 Don't know / no answer

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m83	m83	-	-

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## Name of variable: m10

**Description:** Distance to the nearest public transport stop

**Descriptives:**

Min.:	0.00	Max.:	75.00
1. Qu.:	0.30	3. Qu.:	1.00
Mean:	1.10	Median:	0.50

**Missings and Encoding:**

Don't know / No answer (-1):	164
Question not asked (-2):	298

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m10	m10	m10*	m10*

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## Name of variable: m11

**Description:** How often does public transportation run from this stop?

**Descriptives:**

Min.:	1.00	Max.:	6.00
1. Qu.:	2.00	3. Qu.:	4.00
Mean:	3.17	Median:	3.00

**Missings and Encoding:**

Don't know / No answer (-1):	249	1 (Approx.) every 5 to 10 minutes
Question not asked (-2):	465	2 (Approx.) every 10 to 20 minutes
		3 (Approx.) every 20 to 30 minutes
		4 (Approx.) hourly
		5 Daily, but no more than once an hour
		6 Less frequently than daily

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m11	m11	-	-

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## Name of variable: m12

**Description:** Owner of a ticket for public transportation?

**Descriptives:**

Min.:	1.00	Max.:	6.00
1. Qu.:	6.00	3. Qu.:	6.00
Mean:	5.34	Median:	6.00

**Missings and Encoding:**

Don't know / No answer (-1): 16  
Question not asked (-2): 305

1 Yes, a monthly ticket  
2 Yes, a semester ticket  
3 Yes, a yearly ticket  
4 Yes, a multi-ride ticket (e.g. a 10-ride ticket)  
5 Yes, another ticket (e.g. a job ticket) that allows me to use public transportation  
6 No, I do not own any tickets for public transportation

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m12	m12	m12a*	m12a1-m12a7*

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## Name of variable: m13

**Description:** Eligibility for a discounted ticket

**Descriptives:**

Min.:	1.00	Max.:	2.00
1. Qu.:	1.00	3. Qu.:	2.00
Mean:	1.73	Median:	2.00

**Missings and Encoding:**

Don't know / No answer (-1): 224	1 Yes
Question not asked (-2): 307	2 No

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m13	m13	-	-

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## Name of variable: m14\_1

**Description:** Frequency of the route for work/school trips

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	1.00	3. Qu.:	5.00
Mean:	2.48	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1): 222

Question not asked (-2): 337

1 Daily or almost daily

2 Three to four times a week

3 Once or twice a week

4 Less often

5 Never or almost never

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

m14\_1 m14.01 - -

**Name of variable: m14\_2****Description:** Frequency of the route for private errands**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 1.00 3. Qu.: 3.00

Mean: 2.09 Median: 2.00

**Missings and Encoding:**

Don't know / No answer (-1): 39

Question not asked (-2): 332

1 Daily or almost daily

2 Three to four times a week

3 Once or twice a week

4 Less often

5 Never or almost never

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

m14\_2 - - -

**Name of variable: m15a\_1****Description:** Main mode of transportation for work/school trips**Descriptives:**

Min.: 1.00 Max.: 8.00

1. Qu.: 2.00 3. Qu.: 5.00

Mean: 2.99 Median: 2.00

**Missings and Encoding:**

Don't know / No answer (-1): 164

Question not asked (-2): 2417

1 On foot

2 Private car

3 Motorcycle / scooter

4 Car sharing or rental / hire car

5 Public transport

6 Bicycle

7 Train (long-distance transport)

8 Others

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

m15a\_1 m15a.01a m15n01b\* m15.01b\*

## Name of variable: m15a\_2

**Description:** Main mode of transportation for private errands

**Descriptives:**

Min.: 1.00    Max.: 8.00  
1. Qu.: 2.00    3. Qu.: 2.00  
Mean: 2.67    Median: 2.00

**Missings and Encoding:**

Don't know / No answer (-1): 20	1 On foot
Question not asked (-2): 624	2 Private car
	3 Motorcycle / scooter
	4 Car sharing or rental / hire car
	5 Public transport
	6 Bicycle
	7 Train (long-distance transport)
	8 Others

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m15a_2	-	-	-

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## Name of variable: m15b11

**Description:** Other transp. modes for work/school: never use others

**Descriptives:**

Min.: 0.00    Max.: 1.00  
1. Qu.: 0.00    3. Qu.: 1.00  
Mean: 0.43    Median: 0.00

**Missings and Encoding:**

Don't know / No answer (-1): 0	0 No I never use other modes of transportation for this route
Question not asked (-2): 2426	1 I never use other modes of transportation for this route

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m15b11	m15_01	m15021*	m15021*

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## Name of variable: m15b12

**Description:** Other transp. modes for work/school: on foot

**Descriptives:**

Min.: 0.00    Max.: 1.00  
1. Qu.: 0.00    3. Qu.: 0.00  
Mean: 0.13    Median: 0.00

**Missings and Encoding:**

Don't know / No answer (-1): 0	0 No on foot
Question not asked (-2): 2426	1 On foot

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m15b12	m15_02	m15022*	m15022*

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**Name of variable: m15b13**

**Description:** Other transp. modes for work/school: private car

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.12	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0 No private car
Question not asked (-2):	2426	1 Private car

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m15b13	m15_03	m15023*	m15023*

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**Name of variable: m15b14**

**Description:** Other transp. modes for work/school: motorcycle / scooter

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.04	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0 No motorcycle / scooter
Question not asked (-2):	2426	1 Motorcycle / scooter

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m15b14	m15_04	m15024*	m15024*

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**Name of variable: m15b15**

**Description:** Other transp. modes for work/school: car sharing

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.01	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0 No car sharing or rental / hire car
Question not asked (-2):	2426	1 Car sharing or rental / hire car

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m15b15	m15_05	m15025*	m15025*

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## Name of variable: m15b16

**Description:** Other transp. modes for work/school: public transport

**Descriptives:**

Min.: 0.00    Max.: 1.00  
1. Qu.: 0.00    3. Qu.: 0.00  
Mean: 0.17    Median: 0.00

**Missings and Encoding:**

Don't know / No answer (-1): 0                      0 No public transport  
Question not asked (-2): 2426                      1 Public transport

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m15b16	m15_06	m15026*	m15026*

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## Name of variable: m15b17

**Description:** Other transp. modes for work/school: bicycle

**Descriptives:**

Min.: 0.00    Max.: 1.00  
1. Qu.: 0.00    3. Qu.: 0.00  
Mean: 0.18    Median: 0.00

**Missings and Encoding:**

Don't know / No answer (-1): 0                      0 No bicycle  
Question not asked (-2): 2426                      1 Bicycle

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m15b17	m15_07	m15027*	m15027*

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## Name of variable: m15b18

**Description:** Other transp. modes for work/school: train

**Descriptives:**

Min.: 0.00    Max.: 1.00  
1. Qu.: 0.00    3. Qu.: 0.00  
Mean: 0.04    Median: 0.00

**Missings and Encoding:**

Don't know / No answer (-1): 0                      0 No train (long-distance transport)  
Question not asked (-2): 2426                      1 Train (long-distance transport)

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m15b18	m15_08	m15029*	m150210*

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## Name of variable: m15b19

**Description:** Other transp. modes for work/school: others

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.02	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	No others
Question not asked (-2):	2426	1 Others

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m15b19	m15_09	m150211*	m150212*

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## Name of variable: m15b110

**Description:** Other transp. modes for work/school: don't know / no answer

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.03	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	No don't know / no answer
Question not asked (-2):	2426	1 Don't know / no answer

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m15b110	m15_010	m15021-m150211*	m15021-m150211*

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## Name of variable: m15b21

**Description:** Other transp. modes private: never use others

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.25	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	No never other modes for private errands
Question not asked (-2):	639	1 Never other modes for private errands

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m15b21	-	-	-

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## Name of variable: m15b22

**Description:** Other transp. modes private: on foot

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	1.00
Mean:	0.34	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	No on foot
Question not asked (-2):	639	1 On foot

**Correspondence of items in RWI Climate-Mobility Panel:**

	2018	2019	2022	2024
m15b22	-	-	-	-

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## Name of variable: m15b23

**Description:** Other transp. modes private: private car

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.15	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	No private car
Question not asked (-2):	639	1 Private car

**Correspondence of items in RWI Climate-Mobility Panel:**

	2018	2019	2022	2024
m15b23	-	-	-	-

---

## Name of variable: m15b24

**Description:** Other transp. modes private: motorcycle / scooter

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.04	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	No motorcycle / scooter
Question not asked (-2):	639	1 Motorcycle / scooter

**Correspondence of items in RWI Climate-Mobility Panel:**

	2018	2019	2022	2024
m15b24	-	-	-	-

---

## Name of variable: m15b25

**Description:** Other transp. modes private: car sharing

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.02	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0 No car sharing or rental / hire car
Question not asked (-2):	639	1 Car sharing or rental / hire car

**Correspondence of items in RWI Climate-Mobility Panel:**

	2018	2019	2022	2024
m15b25	-	-	-	-

---

## Name of variable: m15b26

**Description:** Other transp. modes private: public transport

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.21	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0 No public transport
Question not asked (-2):	639	1 Public transport

**Correspondence of items in RWI Climate-Mobility Panel:**

	2018	2019	2022	2024
m15b26	-	-	-	-

---

## Name of variable: m15b27

**Description:** Other transp. modes private: bicycle

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	1.00
Mean:	0.30	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0 No bicycle
Question not asked (-2):	639	1 Bicycle

**Correspondence of items in RWI Climate-Mobility Panel:**

	2018	2019	2022	2024
m15b27	-	-	-	-

---

## Name of variable: m15b28

**Description:** Other transp. modes private: train

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.05	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0 No train (long-distance transport)
Question not asked (-2):	639	1 Train (long-distance transport)

**Correspondence of items in RWI Climate-Mobility Panel:**

	2018	2019	2022	2024
m15b28	-	-	-	-

---

## Name of variable: m15b29

**Description:** Other transp. modes private: others

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.02	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0 No others
Question not asked (-2):	639	1 Others

**Correspondence of items in RWI Climate-Mobility Panel:**

	2018	2019	2022	2024
m15b29	-	-	-	-

---

## Name of variable: m15b210

**Description:** Other transp. modes private: don't know / no answer

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.01	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0 No don't know / no answer
Question not asked (-2):	639	1 Don't know / no answer

**Correspondence of items in RWI Climate-Mobility Panel:**

	2018	2019	2022	2024
m15b210	-	-	-	-

---

## Name of variable: m16a1

**Description:** Used in the last 7 days: private car

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	1.00	3. Qu.:	1.00
Mean:	0.88	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0	No private car
Question not asked (-2):	365	1	Private car

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m16a1	m16a1	m16001*	m16001*

---

## Name of variable: m16a2

**Description:** Used in the last 7 days: motorcycle / scooter

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.05	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0	No motorcycle / scooter
Question not asked (-2):	365	1	Motorcycle / scooter

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m16a2	m16a2	m16002*	m16002*

---

## Name of variable: m16a3

**Description:** Used in the last 7 days: car sharing

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.01	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0	No car sharing or rental / hire car
Question not asked (-2):	365	1	Car sharing or rental / hire car

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m16a3	m16a3	m16003*	m16-003*

---

## Name of variable: m16a4

**Description:** Used in the last 7 days: public transport

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	1.00
Mean:	0.25	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	No public transport
Question not asked (-2):	365	1 Public transport

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m16a4	m16a4	m16004*	m16004*

---

## Name of variable: m16a5

**Description:** Used in the last 7 days: bicycle

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	1.00
Mean:	0.37	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	No bicycle
Question not asked (-2):	365	1 Bicycle

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m16a5	m16a5	m16005*	m16005*

---

## Name of variable: m16a6

**Description:** Used in the last 7 days: train

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.05	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	No train (long-distance transport)
Question not asked (-2):	365	1 Train (long-distance transport)

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m16a6	m16a6	m16007*	m16008*

---

## Name of variable: m16a7

**Description:** Used in the last 7 days: others

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.03	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	No airplane
Question not asked (-2):	365	1 Airplane

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m16a7	m16a7	m160010*	m160011*

---

## Name of variable: m16a8

**Description:** Used in the last 7 days: don't know / no answer

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.01	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	No don't know / no answer
Question not asked (-2):	365	1 Don't know / no answer

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m16a8	m16a11	m16001-m160011*	m16001-m160012*

---

## Name of variable: m16\_01

**Description:** How often used in the last 7 days: private car

**Descriptives:**

Min.:	0.00	Max.:	99.00
1. Qu.:	5.00	3. Qu.:	15.00
Mean:	11.41	Median:	10.00

**Missings and Encoding:**

Don't know / No answer (-1):	65
Question not asked (-2):	1292

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m16_01	m16_01	m16a1*	-

---

## Name of variable: m16\_02

**Description:** How often used in the last 7 days: motorcycle / scooter

**Descriptives:**

Min.:	0.00	Max.:	26.00
1. Qu.:	2.00	3. Qu.:	6.00
Mean:	4.32	Median:	3.00

**Missings and Encoding:**

Don't know / No answer (-1): 1  
Question not asked (-2): 7450

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m16_02	m16_02	m16a2*	-

---

## Name of variable: m16\_03

**Description:** How often used in the last 7 days: car sharing or rental / hire car

**Descriptives:**

Min.:	0.00	Max.:	20.00
1. Qu.:	1.00	3. Qu.:	4.00
Mean:	3.37	Median:	2.00

**Missings and Encoding:**

Don't know / No answer (-1): 2  
Question not asked (-2): 7712

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m16_03	m16_03	m16a3*	-

---

## Name of variable: m16\_04

**Description:** How often used in the last 7 days: public transport

**Descriptives:**

Min.:	0.00	Max.:	50.00
1. Qu.:	2.00	3. Qu.:	8.00
Mean:	5.72	Median:	4.00

**Missings and Encoding:**

Don't know / No answer (-1): 19  
Question not asked (-2): 5929

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m16_04	m16_04	m16a4*	-

---

## Name of variable: m16\_05

**Description:** How often used in the last 7 days: bicycle

**Descriptives:**

Min.:	0.00	Max.:	81.00
1. Qu.:	2.00	3. Qu.:	8.00
Mean:	6.20	Median:	4.00

**Missings and Encoding:**

Don't know / No answer (-1): 8  
Question not asked (-2): 5062

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m16_05	m16_05	m16a5*	-

---

## Name of variable: m16\_06

**Description:** How often used in the last 7 days: train (long-distance transport)

**Descriptives:**

Min.:	0.00	Max.:	30.00
1. Qu.:	1.00	3. Qu.:	2.00
Mean:	2.29	Median:	2.00

**Missings and Encoding:**

Don't know / No answer (-1): 3  
Question not asked (-2): 7446

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m16_06	m16_06	m16a7*	-*

---

## Name of variable: m16\_07

**Description:** How often used in the last 7 days: airplane

**Descriptives:**

Min.:	0.00	Max.:	7.00
1. Qu.:	1.00	3. Qu.:	2.00
Mean:	1.63	Median:	2.00

**Missings and Encoding:**

Don't know / No answer (-1): 2  
Question not asked (-2): 7620

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m16_07	m16_07	m16a9*	-

---



## Name of variable: m17\_01

**Description:** Number of kilometers in the last 7 days: private car

**Descriptives:**

Min.:	0.00	Max.:	5050.00
1. Qu.:	60.00	3. Qu.:	320.00
Mean:	256.36	Median:	150.00

**Missings and Encoding:**

Don't know / No answer (-1): 251  
Question not asked (-2): 1304

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m17_01	m17_01	m16b1*	-

---

## Name of variable: m17\_02

**Description:** Number of kilometers in the last 7 days: motorcycle / scooter

**Descriptives:**

Min.:	0.00	Max.:	2000.00
1. Qu.:	20.00	3. Qu.:	150.00
Mean:	113.01	Median:	60.00

**Missings and Encoding:**

Don't know / No answer (-1): 7  
Question not asked (-2): 7451

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m17_02	m17_02	m16b2*	-

---

## Name of variable: m17\_03

**Description:** Number of kilometers in the last 7 days: car sharing or rental / hire car

**Descriptives:**

Min.:	0.00	Max.:	1750.00
1. Qu.:	15.00	3. Qu.:	250.00
Mean:	196.03	Median:	50.00

**Missings and Encoding:**

Don't know / No answer (-1): 4  
Question not asked (-2): 7712

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m17_03	m17_03	m16b3*	-

---

## Name of variable: m17\_04

**Description:** Number of kilometers in the last 7 days: public transport

**Descriptives:**

Min.:	0.00	Max.:	8060.00
1. Qu.:	15.00	3. Qu.:	100.00
Mean:	93.11	Median:	40.00

**Missings and Encoding:**

Don't know / No answer (-1): 208  
Question not asked (-2): 5936

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m17_04	m17_04	m16b4*	-

---

## Name of variable: m17\_05

**Description:** Number of kilometers in the last 7 days: bicycle

**Descriptives:**

Min.:	0.00	Max.:	1000.00
1. Qu.:	10.00	3. Qu.:	45.00
Mean:	34.63	Median:	20.00

**Missings and Encoding:**

Don't know / No answer (-1): 84  
Question not asked (-2): 5067

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m17_05	m17_05	m16b5*	-

---

## Name of variable: m17\_06

**Description:** Number of kilometers in the last 7 days: train (long-distance transport)

**Descriptives:**

Min.:	0.00	Max.:	2000.00
1. Qu.:	120.00	3. Qu.:	700.00
Mean:	473.22	Median:	360.00

**Missings and Encoding:**

Don't know / No answer (-1): 25  
Question not asked (-2): 7447

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m17_06	m17_06	m16b7*	-

---

## Name of variable: m17\_07

**Description:** Number of kilometers in the last 7 days: airplane

**Descriptives:**

Min.:	0.00	Max.:	9999.00
1. Qu.:	1200.00	3. Qu.:	4000.00
Mean:	2863.55	Median:	1900.00

**Missings and Encoding:**

Don't know / No answer (-1): 35  
Question not asked (-2): 7620

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m17_07	m17_07	m16b9*	-

---

## Name of variable: m18

**Description:** Extraordinary circumstances to deviate from typical driving behavior

**Descriptives:**

Min.:	1.00	Max.:	4.00
1. Qu.:	2.00	3. Qu.:	3.00
Mean:	2.56	Median:	3.00

**Missings and Encoding:**

Don't know / No answer (-1): 0	1 Yes, exceptionally a lot in last 7 days
Question not asked (-2): 408	2 Yes, exceptionally little in last 7 days
	3 No
	4 Don't know / no answer

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m18	m18	m17	m17

---

## Name of variable: m21

**Description:** Do you own a smartphone?

**Descriptives:**

Min.:	1.00	Max.:	2.00
1. Qu.:	1.00	3. Qu.:	1.00
Mean:	1.10	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1): 15	1 Yes
Question not asked (-2): 414	2 No

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m21	-	-	-

## Name of variable: m221

**Description:** Apps used last six months: mobile navigation

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	1.00
Mean:	0.73	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0	No mobile navigation and route planning
Question not asked (-2):	1156	1	Mobile navigation and route planning

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m221	-	-	-

---

## Name of variable: m222

**Description:** Apps used last six months: digital timetable publ. transport

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	1.00
Mean:	0.46	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0	No digital timetable info publ. transport
Question not asked (-2):	1156	1	Digital timetable info publ. transport

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m222	-	-	-

---

## Name of variable: m223

**Description:** Apps used last six months: digital ticket publ. transport

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.15	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0	No digital ticket publ. transport
Question not asked (-2):	1156	1	Digital ticket publ. transport

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m223	-	-	-

## Name of variable: m224

**Description:** Apps used last six months: booking mobility services

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.03	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	No booking mobility services
Question not asked (-2):	1156	1 Booking mobility services

**Correspondence of items in RWI Climate-Mobility Panel:**

	2018	2019	2022	2024
m224	-	-	-	-

---

## Name of variable: m225

**Description:** Apps used last six months: other mobility-related apps

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.05	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	No other mobility-related apps
Question not asked (-2):	1156	1 Other mobility-related apps

**Correspondence of items in RWI Climate-Mobility Panel:**

	2018	2019	2022	2024
m225	-	-	-	-

---

## Name of variable: m226

**Description:** Apps used last six months: none

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.20	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	No none
Question not asked (-2):	1156	1 None

**Correspondence of items in RWI Climate-Mobility Panel:**

	2018	2019	2022	2024
m226	-	-	-	-

## Name of variable: m227

**Description:** Apps used last six months: don't know / no answer

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.00	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0 No don't know / no answer
Question not asked (-2):	1156	1 Don't know / no answer

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
m227	-	-	-

---

## Name of variable: b1\_1

**Description:** Satisfactory road construction and condition in my area.

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	3.00	3. Qu.:	4.00
Mean:	3.33	Median:	3.00

**Missings and Encoding:**

Don't know / No answer (-1):	67	1 Disagree completely
Question not asked (-2):	466	2 Rather disagree
		3 Neither agree nor disagree
		4 Rather agree
		5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
b1_1	b1_1	-	-

---

## Name of variable: b1\_2

**Description:** I find driving a car stressful.

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	1.00	3. Qu.:	3.00
Mean:	2.25	Median:	2.00

**Missings and Encoding:**

Don't know / No answer (-1):	114	1 Disagree completely
Question not asked (-2):	468	2 Rather disagree
		3 Neither agree nor disagree
		4 Rather agree
		5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

b1\_2 b1\_2 - -

---

**Name of variable: b1\_3**

**Description:** Reliably getting to my destination on time by car.

**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 3.00 3. Qu.: 5.00

Mean: 3.75 Median: 4.00

**Missings and Encoding:**

Don't know / No answer (-1): 96

Question not asked (-2): 466

1 Disagree completely

2 Rather disagree

3 Neither agree nor disagree

4 Rather agree

5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

b1\_3 b1\_3 - -

---

**Name of variable: b1\_4**

**Description:** I am flexible with the car.

**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 4.00 3. Qu.: 5.00

Mean: 4.55 Median: 5.00

**Missings and Encoding:**

Don't know / No answer (-1): 90

Question not asked (-2): 468

1 Disagree completely

2 Rather disagree

3 Neither agree nor disagree

4 Rather agree

5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

b1\_4 b1\_4 - -

---

**Name of variable: b1\_5**

**Description:** I can get to my destination quickly by car.

**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 3.00 3. Qu.: 5.00

Mean: 4.06 Median: 4.00

**Missings and Encoding:**

Don't know / No answer (-1): 89

Question not asked (-2): 467

1 Disagree completely

2 Rather disagree

3 Neither agree nor disagree

4 Rather agree

5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

b1\_5 b1\_5 - -

**Name of variable: b1\_6****Description:** Can do other things while I'm driving.**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 1.00 3. Qu.: 3.00

Mean: 1.95 Median: 1.00

**Missings and Encoding:**

Don't know / No answer (-1): 164

Question not asked (-2): 468

1 Disagree completely

2 Rather disagree

3 Neither agree nor disagree

4 Rather agree

5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

b1\_6 b1\_6 - -

**Name of variable: b1\_7****Description:** I enjoy driving the car.**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 3.00 3. Qu.: 5.00

Mean: 3.80 Median: 4.00

**Missings and Encoding:**

Don't know / No answer (-1): 117

Question not asked (-2): 468

1 Disagree completely

2 Rather disagree

3 Neither agree nor disagree

4 Rather agree

5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

b1\_7 b1\_7 - -



## Name of variable: b1\_8

**Description:** I can easily find a parking space near my home.

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	3.00	3. Qu.:	5.00
Mean:	3.97	Median:	5.00

**Missings and Encoding:**

Don't know / No answer (-1): 115	1 Disagree completely
Question not asked (-2): 467	2 Rather disagree
	3 Neither agree nor disagree
	4 Rather agree
	5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
b1_8	b1_8	-	-

---

## Name of variable: b1\_9

**Description:** Workplace/(high) school is easy to reach by car.

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	4.00	3. Qu.:	5.00
Mean:	4.22	Median:	5.00

**Missings and Encoding:**

Don't know / No answer (-1): 126	1 Disagree completely
Question not asked (-2): 3104	2 Rather disagree
	3 Neither agree nor disagree
	4 Rather agree
	5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
b1_9	b1_9	-	-

---

## Name of variable: b1\_10

**Description:** It doesn't cost me much to travel by car.

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	2.00	3. Qu.:	3.00
Mean:	2.81	Median:	3.00

**Missings and Encoding:**

Don't know / No answer (-1): 157

Question not asked (-2): 468

1 Disagree completely

2 Rather disagree

3 Neither agree nor disagree

4 Rather agree

5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

b1\_10 b1\_10 - -

**Name of variable: b1\_11****Description:** Traveling by car is comfortable for me.**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 4.00 3. Qu.: 5.00

Mean: 4.22 Median: 5.00

**Missings and Encoding:**

Don't know / No answer (-1): 89

Question not asked (-2): 466

1 Disagree completely

2 Rather disagree

3 Neither agree nor disagree

4 Rather agree

5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

b1\_11 b1\_11 - -

**Name of variable: b2\_1****Description:** Satisfactory public transport services.**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 2.00 3. Qu.: 4.00

Mean: 2.93 Median: 3.00

**Missings and Encoding:**

Don't know / No answer (-1): 184

Question not asked (-2): 501

1 Disagree completely

2 Rather disagree

3 Neither agree nor disagree

4 Rather agree

5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

b2\_1 b2\_1 - -

## Name of variable: b2\_2

**Description:** I find traveling by public transport stressful.

**Descriptives:**

Min.: 1.00    Max.: 5.00  
1. Qu.: 2.00    3. Qu.: 4.00  
Mean: 3.00    Median: 3.00

**Missings and Encoding:**

Don't know / No answer (-1): 187	1 Disagree completely
Question not asked (-2): 501	2 Rather disagree
	3 Neither agree nor disagree
	4 Rather agree
	5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
b2_2	b2_2	-	-

---

## Name of variable: b2\_3

**Description:** Arrive at my destination on time by public transport.

**Descriptives:**

Min.: 1.00    Max.: 5.00  
1. Qu.: 2.00    3. Qu.: 3.00  
Mean: 2.61    Median: 3.00

**Missings and Encoding:**

Don't know / No answer (-1): 272	1 Disagree completely
Question not asked (-2): 501	2 Rather disagree
	3 Neither agree nor disagree
	4 Rather agree
	5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
b2_3	b2_3	-	-

---

## Name of variable: b2\_4

**Description:** I am flexible with public transport.

**Descriptives:**

Min.: 1.00    Max.: 5.00  
1. Qu.: 1.00    3. Qu.: 3.00  
Mean: 2.04    Median: 2.00

**Missings and Encoding:**

Don't know / No answer (-1): 163

Question not asked (-2): 501

1 Disagree completely

2 Rather disagree

3 Neither agree nor disagree

4 Rather agree

5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

b2\_4 b2\_4 - -

**Name of variable: b2\_5****Description:** Can do other things while on public transport.**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 3.00 3. Qu.: 5.00

Mean: 3.55 Median: 4.00

**Missings and Encoding:**

Don't know / No answer (-1): 302

Question not asked (-2): 501

1 Disagree completely

2 Rather disagree

3 Neither agree nor disagree

4 Rather agree

5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

b2\_5 b2\_5 - -

**Name of variable: b2\_6****Description:** I enjoy traveling by public transport.**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 1.00 3. Qu.: 3.00

Mean: 2.34 Median: 2.00

**Missings and Encoding:**

Don't know / No answer (-1): 199

Question not asked (-2): 502

1 Disagree completely

2 Rather disagree

3 Neither agree nor disagree

4 Rather agree

5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

b2\_6 b2\_6 - -

## Name of variable: b2\_7

**Description:** Stops conveniently located near my home.

**Descriptives:**

Min.: 1.00    Max.: 5.00  
1. Qu.: 3.00    3. Qu.: 5.00  
Mean: 3.58    Median: 4.00

**Missings and Encoding:**

Don't know / No answer (-1): 89	1 Disagree completely
Question not asked (-2): 501	2 Rather disagree
	3 Neither agree nor disagree
	4 Rather agree
	5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
b2_7	b2_7	-	-

---

## Name of variable: b2\_8

**Description:** Workplace/(high) school is easy to reach by public transport.

**Descriptives:**

Min.: 1.00    Max.: 5.00  
1. Qu.: 1.00    3. Qu.: 4.00  
Mean: 2.44    Median: 2.00

**Missings and Encoding:**

Don't know / No answer (-1): 144	1 Disagree completely
Question not asked (-2): 3126	2 Rather disagree
	3 Neither agree nor disagree
	4 Rather agree
	5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
b2_8	b2_8	-	-

---

## Name of variable: b2\_9

**Description:** It doesn't cost me much to travel by public transport.

**Descriptives:**

Min.: 1.00    Max.: 5.00  
1. Qu.: 2.00    3. Qu.: 3.00  
Mean: 2.52    Median: 2.00

**Missings and Encoding:**

Don't know / No answer (-1): 351

Question not asked (-2): 501

1 Disagree completely

2 Rather disagree

3 Neither agree nor disagree

4 Rather agree

5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

b2\_9 b2\_9 - -

**Name of variable: b2\_10****Description:** Traveling by public transport is comfortable for me.**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 1.00 3. Qu.: 3.00

Mean: 2.44 Median: 2.00

**Missings and Encoding:**

Don't know / No answer (-1): 187

Question not asked (-2): 501

1 Disagree completely

2 Rather disagree

3 Neither agree nor disagree

4 Rather agree

5 Completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

b2\_10 b2\_10 - -

**Name of variable: v1\_1****Description:** Combating social injustice, hunger and poverty**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 4.00 3. Qu.: 5.00

Mean: 4.54 Median: 5.00

**Missings and Encoding:**

Don't know / No answer (-1): 47

Question not asked (-2): 524

1 Completely unimportant

2 Rather unimportant

3 Moderately important

4 Rather important

5 Very important

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

v1\_1 v1\_1\* - -

## Name of variable: v1\_2

**Description:** Combating diseases

**Descriptives:**

Min.: 1.00    Max.: 5.00  
1. Qu.: 4.00    3. Qu.: 5.00  
Mean: 4.46    Median: 5.00

**Missings and Encoding:**

Don't know / No answer (-1): 47  
Question not asked (-2): 524

1 Completely unimportant  
2 Rather unimportant  
3 Moderately important  
4 Rather important  
5 Very important

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
v1_2	v1_2*	-	-

---

## Name of variable: v1\_3

**Description:** Stabilizing the financial systems

**Descriptives:**

Min.: 1.00    Max.: 5.00  
1. Qu.: 4.00    3. Qu.: 5.00  
Mean: 4.13    Median: 4.00

**Missings and Encoding:**

Don't know / No answer (-1): 81  
Question not asked (-2): 524

1 Completely unimportant  
2 Rather unimportant  
3 Moderately important  
4 Rather important  
5 Very important

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
v1_3	v1_3*	-	-

---

## Name of variable: v1\_4

**Description:** Combating terrorism

**Descriptives:**

Min.: 1.00    Max.: 5.00  
1. Qu.: 4.00    3. Qu.: 5.00  
Mean: 4.51    Median: 5.00

**Missings and Encoding:**

Don't know / No answer (-1): 50

Question not asked (-2): 525

1 Completely unimportant

2 Rather unimportant

3 Moderately important

4 Rather important

5 Very important

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

v1\_4 v1\_4\* - -

**Name of variable: v1\_5****Description:** Preventing or ending wars**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 5.00 3. Qu.: 5.00

Mean: 4.69 Median: 5.00

**Missings and Encoding:**

Don't know / No answer (-1): 48

Question not asked (-2): 524

1 Completely unimportant

2 Rather unimportant

3 Moderately important

4 Rather important

5 Very important

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

v1\_5 v1\_5\* - -

**Name of variable: v1\_6****Description:** Combating climate change**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 4.00 3. Qu.: 5.00

Mean: 4.48 Median: 5.00

**Missings and Encoding:**

Don't know / No answer (-1): 48

Question not asked (-2): 524

1 Completely unimportant

2 Rather unimportant

3 Moderately important

4 Rather important

5 Very important

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

v1\_6 v1\_6\* - -



## Name of variable: v2\_1

**Description:** Concerned about environmental conditions for children/grandchildren

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	3.00	3. Qu.:	5.00
Mean:	3.89	Median:	4.00

**Missings and Encoding:**

Don't know / No answer (-1): 81	1 Disagree completely 1
Question not asked (-2): 533	2 Rather disagree 2
	3 Neither agree nor disagree 3
	4 Rather agree 4
	5 Completely agree 5

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
v2_1	v2_1*	-	-

---

## Name of variable: v2\_2

**Description:** Industrial world has long since reached/exceeded the limits of growth

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	3.00	3. Qu.:	5.00
Mean:	3.82	Median:	4.00

**Missings and Encoding:**

Don't know / No answer (-1): 264	1 Disagree completely 1
Question not asked (-2): 533	2 Rather disagree 2
	3 Neither agree nor disagree 3
	4 Rather agree 4
	5 Completely agree 5

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
v2_2	v2_2*	-	-

---

## Name of variable: v2\_3

**Description:** Environmental protection a priority, even if it impairs economic growth

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	3.00	3. Qu.:	5.00
Mean:	3.70	Median:	4.00

**Missings and Encoding:**

Don't know / No answer (-1): 78

Question not asked (-2): 534

1 Disagree completely 1

2 Rather disagree 2

3 Neither agree nor disagree 3

4 Rather agree 4

5 Completely agree 5

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

v2\_3 v2\_3\* - -

**Name of variable: v2\_4****Description:** Reduce standard of living to preserve natural resources**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 3.00 3. Qu.: 5.00

Mean: 3.73 Median: 4.00

**Missings and Encoding:**

Don't know / No answer (-1): 82

Question not asked (-2): 533

1 Disagree completely 1

2 Rather disagree 2

3 Neither agree nor disagree 3

4 Rather agree 4

5 Completely agree 5

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

v2\_4 v2\_4\* - -

**Name of variable: v3****Description:** Concerned about possible climate change?**Descriptives:**

Min.: 1.00 Max.: 7.00

1. Qu.: 4.00 3. Qu.: 6.00

Mean: 5.04 Median: 5.00

**Missings and Encoding:**

Don't know / No answer (-1): 41

Question not asked (-2): 537

1 1 = not worried at all

2 2

3 3

4 4

5 5

6 6

7 7 = very worried

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

v3 v3\* - -

## Name of variable: v4

**Description:** Global climate change ...

**Descriptives:**

Min.:	1.00	Max.:	4.00
1. Qu.:	1.00	3. Qu.:	1.00
Mean:	1.20	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1): 155  
Question not asked (-2): 540

- 1 Global climate change is already happening.
- 2 Global climate change is not happening now, but it will happen in the next few decades.
- 3 Global climate change will not happen in the next few decades, but it will happen afterwards.
- 4 Global climate change will not occur at all.

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
v4	v4*	-	-

---

## Name of variable: v5

**Description:** Climate change consequences

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	2.00	3. Qu.:	3.00
Mean:	2.22	Median:	2.00

**Missings and Encoding:**

Don't know / No answer (-1): 232  
Question not asked (-2): 846

- 1 Very negative consequences
- 2 Rather negative consequences
- 3 Roughly equal positive and negative consequences
- 4 Rather positive consequences
- 5 Very positive consequences

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
v5	v5*	v2*	-

---

## Name of variable: v6

**Description:** Who do you think is responsible for climate change?

**Descriptives:**

Min.:	1.00	Max.:	3.00
1. Qu.:	2.00	3. Qu.:	3.00
Mean:	2.42	Median:	2.00

**Missings and Encoding:**

Don't know / No answer (-1): 18

Question not asked (-2): 849

1 Natural processes are primarily responsible.

2 Humans are primarily responsible.

3 Both natural processes and humans are responsible.

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

v6 v6\* - -

**Name of variable: v7\_1****Description:** I am convinced that people only have the best intentions.**Descriptives:**

Min.: 0.00 Max.: 10.00

1. Qu.: 3.00 3. Qu.: 7.00

Mean: 4.75 Median: 5.00

**Missings and Encoding:**

Don't know / No answer (-1): 57

Question not asked (-2): 570

0 0 = do not agree at all

1 1

2 2

3 3

4 4

5 5

6 6

7 7

8 8

9 9

10 10 = completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

v7\_1 - - -

**Name of variable: v7\_2****Description:** If someone does me a favor, I am willing to reciprocate.**Descriptives:**

Min.: 0.00 Max.: 10.00

1. Qu.: 8.00 3. Qu.: 10.00

Mean: 8.80 Median: 9.00

**Missings and Encoding:**

Don't know / No answer (-1): 35

Question not asked (-2): 570

0 0 = do not agree at all

1 1

2 2

3 3

4 4

5 5

6 6

7 7

8 8

9 9

10 10 = completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

v7\_2 - - -

**Name of variable: v7\_3****Description:** If I am treated very unfairly, I will take revenge even if it is costly.**Descriptives:**

Min.: 0.00 Max.: 10.00

1. Qu.: 1.00 3. Qu.: 5.00

Mean: 2.84 Median: 2.00

**Missings and Encoding:**

Don't know / No answer (-1): 80

Question not asked (-2): 570

0 0 = do not agree at all

1 1

2 2

3 3

4 4

5 5

6 6

7 7

8 8

9 9

10 10 = completely agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

v7\_3 - - -

**Name of variable: v8****Description:** Willingness to share with others: charitable causes**Descriptives:**

Min.: 0.00 Max.: 10.00

1. Qu.: 6.00 3. Qu.: 9.00

Mean: 7.17 Median: 7.00

**Missings and Encoding:**

Don't know / No answer (-1): 79

Question not asked (-2): 573

0 0 = not at all willing to share

1 1

2 2

3 3

4 4

5 5

6 6

7 7

8 8

9 9

10 10 = very willing to share

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

v8 - - -

**Name of variable: v9****Description:** Willingness to give something up today to benefit later**Descriptives:**

Min.: 0.00 Max.: 10.00

1. Qu.: 6.00 3. Qu.: 8.00

Mean: 6.99 Median: 7.00

**Missings and Encoding:**

Don't know / No answer (-1): 149

Question not asked (-2): 578

0 0 = not at all willing to give up

1 1

2 2

3 3

4 4

5 5

6 6

7 7

8 8

9 9

10 10 = very willing to give up

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

v9 - - -

**Name of variable: v10\_1****Description:** I feel like I wasted 10 euros.**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 1.00 3. Qu.: 4.00

Mean: 2.57 Median: 2.00

**Missings and Encoding:**

Don't know / No answer (-1): 296

Question not asked (-2): 594

1 1 = does not apply at all 1

2 2

3 3

4 4

5 5 = completely applies

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

v10\_1 - - -

**Name of variable: v10\_2****Description:** I haven't wasted anything.**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 2.00 3. Qu.: 5.00

Mean: 3.41 Median: 4.00

**Missings and Encoding:**

Don't know / No answer (-1): 274

Question not asked (-2): 595

1 1 = does not apply at all 1

2 2

3 3

4 4

5 5 = completely applies

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

v10\_2 - - -

**Name of variable: v10\_3****Description:** I feel like I wasted something.**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 1.00 3. Qu.: 4.00

Mean: 2.65 Median: 3.00

**Missings and Encoding:**

Don't know / No answer (-1): 464

Question not asked (-2): 597

1 1 = does not apply at all 1

2 2

3 3

4 4

5 5 = completely applies

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

v10\_3 - - -

## Name of variable: c1

**Description:** Monthly costs car

**Descriptives:**

Min.:	0.00	Max.:	8000.00
1. Qu.:	100.00	3. Qu.:	300.00
Mean:	230.03	Median:	200.00

**Missings and Encoding:**

Don't know / No answer (-1): 1346  
Question not asked (-2): 629

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c1	c1	-	-

---

## Name of variable: c2a1

**Description:** Monthly costs car: cost factors considered

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	1.00
Mean:	0.30	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1): 0	0 No monthly depreciation
Question not asked (-2): 2021	1 Monthly depreciation

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c2a1	c2a1	-	-

---

## Name of variable: c2a2

**Description:** Monthly costs car: cost factors considered

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	1.00	3. Qu.:	1.00
Mean:	0.96	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1): 0	0 No monthly operating costs (fuel and engine oil)
Question not asked (-2): 2021	1 Monthly operating costs (fuel and engine oil)

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c2a2	c2a2	-	-



## Name of variable: c2a3

**Description:** Monthly costs car: cost factors considered

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	1.00	3. Qu.:	1.00
Mean:	0.91	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0	No monthly insurance and tax costs
Question not asked (-2):	2021	1	Monthly insurance and tax costs

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c2a3	c2a3	-	-

---

## Name of variable: c2a4

**Description:** Monthly costs car: cost factors considered

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	1.00
Mean:	0.58	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0	No monthly workshop costs
Question not asked (-2):	2021	1	Monthly workshop costs

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c2a4	c2a4	-	-

---

## Name of variable: c2a5

**Description:** Monthly costs car: cost factors considered

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.09	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0	No other, namely:
Question not asked (-2):	2021	1	Other, namely:

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c2a5	c2a5	-	-

---

## Name of variable: c2a6

**Description:** Monthly costs car: cost factors considered

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.00	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	0	No don't know / no answer
Question not asked (-2):	2021	1	Don't know / no answer

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c2a6	c2a6	-	-

---

## Name of variable: c2b\_01

**Description:** Percentage cost for car: monthly depreciation

**Descriptives:**

Min.:	0.00	Max.:	100.00
1. Qu.:	10.00	3. Qu.:	30.00
Mean:	21.59	Median:	15.00

**Missings and Encoding:**

Don't know / No answer (-1):	269
Question not asked (-2):	6104

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c2b_01	c2b_01	-	-

---

## Name of variable: c2b\_02

**Description:** Percentage cost for car: monthly operating costs (fuel and engine oil)

**Descriptives:**

Min.:	0.00	Max.:	200.00
1. Qu.:	35.00	3. Qu.:	70.00
Mean:	51.34	Median:	50.00

**Missings and Encoding:**

Don't know / No answer (-1):	342
Question not asked (-2):	2248

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c2b_02	c2b_02	-	-

---

## Name of variable: c2b\_03

**Description:** Percentage cost for car: monthly insurance and tax costs

**Descriptives:**

Min.:	0.00	Max.:	200.00
1. Qu.:	20.00	3. Qu.:	35.00
Mean:	28.40	Median:	25.00

**Missings and Encoding:**

Don't know / No answer (-1): 333  
Question not asked (-2): 2567

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c2b_03	c2b_03	-	-

---

## Name of variable: c2b\_04

**Description:** Percentage cost for car: monthly workshop costs

**Descriptives:**

Min.:	0.00	Max.:	100.00
1. Qu.:	10.00	3. Qu.:	25.00
Mean:	19.50	Median:	20.00

**Missings and Encoding:**

Don't know / No answer (-1): 230  
Question not asked (-2): 4465

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c2b_04	c2b_04	-	-

---

## Name of variable: c2b\_05

**Description:** Percentage cost for car: other monthly costs

**Descriptives:**

Min.:	0.00	Max.:	250.00
1. Qu.:	10.00	3. Qu.:	60.00
Mean:	37.93	Median:	30.50

**Missings and Encoding:**

Don't know / No answer (-1): 72  
Question not asked (-2): 7271

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c2b_05	c2b_05	-	-

---

## Name of variable: c3

**Description:** Estimated monthly CO2-emissions of car

**Descriptives:**

Min.:	0.00	Max.:	25000.00
1. Qu.:	45.00	3. Qu.:	200.00
Mean:	295.19	Median:	100.00

**Missings and Encoding:**

Don't know / No answer (-1): 5090  
Question not asked (-2): 675

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c3	c3	-	-

---

## Name of variable: c4\_1\_r

**Description:** Estimated cost for monthly ticket (Revealed WTP)

**Descriptives:**

Min.:	0.00	Max.:	950.00
1. Qu.:	80.00	3. Qu.:	150.00
Mean:	125.66	Median:	100.00

**Missings and Encoding:**

Don't know / No answer (-1): 707  
Question not asked (-2): 4518

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c4_1_r	-	-	-

---

## Name of variable: c4\_1\_h

**Description:** Estimated cost for monthly ticket (Hypothetical WTP)

**Descriptives:**

Min.:	0.00	Max.:	999.00
1. Qu.:	60.00	3. Qu.:	150.00
Mean:	117.30	Median:	100.00

**Missings and Encoding:**

Don't know / No answer (-1): 1466  
Question not asked (-2): 3991

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c4_1_h	-	-	-

---

## Name of variable: c4\_2\_r

**Description:** Does ticket cover journey to work/school/college? (Revealed WTP)

**Descriptives:**

Min.:	1.00	Max.:	3.00
1. Qu.:	1.00	3. Qu.:	2.00
Mean:	1.42	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	1 Yes
Question not asked (-2):	5725	2 No
		3 Don't know / no answer

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c4_2_r	-	-	-

---

## Name of variable: c4\_2\_h

**Description:** Does ticket cover journey to work/school/college? (Hypothetical WTP)

**Descriptives:**

Min.:	1.00	Max.:	3.00
1. Qu.:	1.00	3. Qu.:	2.00
Mean:	1.71	Median:	2.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	1 Yes
Question not asked (-2):	5342	2 No
		3 Don't know / no answer

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c4_2_h	-	-	-

---

## Name of variable: c4\_3\_r

**Description:** Maximum bid for a monthly ticket (Revealed WTP)

**Descriptives:**

Min.:	0.00	Max.:	269.00
1. Qu.:	20.00	3. Qu.:	80.00
Mean:	54.88	Median:	50.00

**Missings and Encoding:**

Don't know / No answer (-1):	2207
Question not asked (-2):	4529

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c4_3_r	-	-	-

---

## Name of variable: c4\_3\_h

**Description:** Maximum bid for a monthly ticket (Hypothetical WTP)

**Descriptives:**

Min.:	0.00	Max.:	800.00
1. Qu.:	25.00	3. Qu.:	80.00
Mean:	56.59	Median:	50.00

**Missings and Encoding:**

Don't know / No answer (-1): 1151  
Question not asked (-2): 3996

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c4_3_h	-	-	-

---

## Name of variable: c4\_4\_r

**Description:** Adjustment of maximum bid for monthly ticket (Revealed WTP)

**Descriptives:**

Min.:	0.00	Max.:	225.00
1. Qu.:	15.00	3. Qu.:	75.00
Mean:	49.28	Median:	48.00

**Missings and Encoding:**

Don't know / No answer (-1): 2226  
Question not asked (-2): 4552

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c4_4_r	-	-	-

---

## Name of variable: c4\_4\_h

**Description:** Adjustment of maximum bid for monthly ticket (Hypothetical WTP)

**Descriptives:**

Min.:	0.00	Max.:	800.00
1. Qu.:	25.00	3. Qu.:	90.00
Mean:	64.37	Median:	50.00

**Missings and Encoding:**

Don't know / No answer (-1): 1013  
Question not asked (-2): 4010

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c4_4_h	-	-	-

---

## Name of variable: c5\_1

**Description:** Frequency of use next 12 months: private car

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	3.00	3. Qu.:	3.00
Mean:	2.92	Median:	3.00

**Missings and Encoding:**

Don't know / No answer (-1): 278  
Question not asked (-2): 776

1 Much less often than currently  
2 Somewhat less often than currently  
3 As often as currently  
4 Somewhat more often than currently  
5 Much more often than currently

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c5_1	c5_1*	-	-

---

## Name of variable: c5\_2

**Description:** Frequency of use next 12 months: motorcycle / scooter

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	1.00	3. Qu.:	3.00
Mean:	2.41	Median:	3.00

**Missings and Encoding:**

Don't know / No answer (-1): 4040  
Question not asked (-2): 781

1 Much less often than currently  
2 Somewhat less often than currently  
3 As often as currently  
4 Somewhat more often than currently  
5 Much more often than currently

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c5_2	c5_2*	-	-

---

## Name of variable: c5\_3

**Description:** Frequency of use next 12 months: car sharing or rental / hire car

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	1.00	3. Qu.:	3.00
Mean:	2.27	Median:	3.00

**Missings and Encoding:**

Don't know / No answer (-1): 3872

Question not asked (-2): 780

1 Much less often than currently

2 Somewhat less often than currently

3 As often as currently

4 Somewhat more often than currently

5 Much more often than currently

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

c5\_3 c5\_3\* - -

**Name of variable: c5\_4****Description:** Frequency of use next 12 months: public transport**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 3.00 3. Qu.: 3.00

Mean: 2.87 Median: 3.00

**Missings and Encoding:**

Don't know / No answer (-1): 1119

Question not asked (-2): 779

1 Much less often than currently

2 Somewhat less often than currently

3 As often as currently

4 Somewhat more often than currently

5 Much more often than currently

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

c5\_4 c5\_4\* - -

**Name of variable: c5\_5****Description:** Frequency of use next 12 months: bicycle**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 3.00 3. Qu.: 4.00

Mean: 3.26 Median: 3.00

**Missings and Encoding:**

Don't know / No answer (-1): 1144

Question not asked (-2): 778

1 Much less often than currently

2 Somewhat less often than currently

3 As often as currently

4 Somewhat more often than currently

5 Much more often than currently

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

c5\_5 c5\_5 - -



## Name of variable: c5\_6

**Description:** Frequency of use next 12 months: train (long-distance transport)

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	3.00	3. Qu.:	3.00
Mean:	2.73	Median:	3.00

**Missings and Encoding:**

Don't know / No answer (-1): 1899	1 Much less often than currently
Question not asked (-2): 778	2 Somewhat less often than currently
	3 As often as currently
	4 Somewhat more often than currently
	5 Much more often than currently

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c5_6	c5_6*	-	-

---

## Name of variable: c5\_7

**Description:** Frequency of use next 12 months: airplane

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	2.00	3. Qu.:	3.00
Mean:	2.59	Median:	3.00

**Missings and Encoding:**

Don't know / No answer (-1): 2141	1 Much less often than currently
Question not asked (-2): 779	2 Somewhat less often than currently
	3 As often as currently
	4 Somewhat more often than currently
	5 Much more often than currently

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c5_7	c5_7*	-	-

---

## Name of variable: c6\_1

**Description:** Car sale by spring 2019 without replacing it

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	1.00	3. Qu.:	1.00
Mean:	1.43	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1): 85	1 1 = very unlikely
Question not asked (-2): 1374	2 2
	3 3
	4 4
	5 5 = very likely

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c6_1	c6_1*	-	-

**Name of variable: c6\_2****Description:** Car sale in the next five years without replacing it**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	1.00	3. Qu.:	3.00
Mean:	1.97	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1): 147	1 1 = very unlikely
Question not asked (-2): 1377	2 2
	3 3
	4 4
	5 5 = very likely

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c6_2	c6_2	-	-

**Name of variable: c6\_3****Description:** Purchase additional car by spring 2019**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	1.00	3. Qu.:	1.00
Mean:	1.30	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1): 57	1 1 = very unlikely
Question not asked (-2): 785	2 2
	3 3
	4 4
	5 5 = very likely

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c6_3	c6_3*	-	-

## Name of variable: c6\_4

**Description:** Purchase additional car in the next five years

**Descriptives:**

Min.: 1.00    Max.: 5.00  
1. Qu.: 1.00    3. Qu.: 1.00  
Mean: 1.52    Median: 1.00

**Missings and Encoding:**

Don't know / No answer (-1): 78    1 1 = very unlikely  
Question not asked (-2): 787    2 2  
3 3  
4 4  
5 5 = very likely

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c6_4	c6_4	-	-

---

## Name of variable: c7\_1

**Description:** Change in travel behavior if public transport is free

**Descriptives:**

Min.: 1.00    Max.: 5.00  
1. Qu.: 1.00    3. Qu.: 3.00  
Mean: 2.19    Median: 2.00

**Missings and Encoding:**

Don't know / No answer (-1): 357    1 Much more frequently than at present  
Question not asked (-2): 791    2 Rather more frequently than at present  
3 Just as often as at present  
4 Rather less frequently than at present  
5 Much less frequently than at present

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c7_1	-	-	-

---

## Name of variable: c7\_2

**Description:** Additional journeys per week if public transport is free

**Descriptives:**

Min.: 0.00    Max.: 80.00  
1. Qu.: 3.00    3. Qu.: 10.00  
Mean: 6.51    Median: 5.00

**Missings and Encoding:**

Don't know / No answer (-1): 507  
Question not asked (-2): 3791

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c7_2	-	-	-

---

**Name of variable: c7\_3**

**Description:** Fewer journeys if public transport is free

**Descriptives:**

Min.:	0.00	Max.:	50.00
1. Qu.:	0.00	3. Qu.:	2.00
Mean:	2.41	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1): 82  
Question not asked (-2): 7623

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c7_3	-	-	-

---

**Name of variable: c8\_01**

**Description:** Percentage of government spending: internal security

**Descriptives:**

Min.:	0.00	Max.:	100.00
1. Qu.:	10.00	3. Qu.:	20.00
Mean:	17.86	Median:	16.00

**Missings and Encoding:**

Don't know / No answer (-1): 561  
Question not asked (-2): 837

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c8_01	-	-	-

---

**Name of variable: c8\_02**

**Description:** Percentage of government spending: education

**Descriptives:**

Min.:	0.00	Max.:	100.00
1. Qu.:	20.00	3. Qu.:	30.00
Mean:	23.11	Median:	20.00

**Missings and Encoding:**

Don't know / No answer (-1): 529  
Question not asked (-2): 838

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c8_02	-	-	-

---

## Name of variable: c8\_03

**Description:** Percentage of government spending: environment

**Descriptives:**

Min.:	0.00	Max.:	100.00
1. Qu.:	10.00	3. Qu.:	20.00
Mean:	17.58	Median:	20.00

**Missings and Encoding:**

Don't know / No answer (-1): 544  
Question not asked (-2): 837

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c8_03	-	-	-

---

## Name of variable: c8\_04

**Description:** Percentage of government spending: health

**Descriptives:**

Min.:	0.00	Max.:	100.00
1. Qu.:	15.00	3. Qu.:	20.00
Mean:	18.82	Median:	20.00

**Missings and Encoding:**

Don't know / No answer (-1): 538  
Question not asked (-2): 837

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c8_04	-	-	-

---

## Name of variable: c8\_05

**Description:** Percentage of government spending: transport

**Descriptives:**

Min.:	0.00	Max.:	100.00
1. Qu.:	10.00	3. Qu.:	15.00
Mean:	13.42	Median:	10.00

**Missings and Encoding:**

Don't know / No answer (-1): 643  
Question not asked (-2): 837

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c8_05	-	-	-

---

## Name of variable: c8\_06

**Description:** Percentage of government spending: other areas

**Descriptives:**

Min.:	0.00	Max.:	85.00
1. Qu.:	5.00	3. Qu.:	15.00
Mean:	11.35	Median:	10.00

**Missings and Encoding:**

Don't know / No answer (-1): 1293  
Question not asked (-2): 836

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c8_06	-	-	-

---

## Name of variable: c9\_01

**Description:** Percentage of investment in transport sector: road construction in cities

**Descriptives:**

Min.:	0.00	Max.:	100.00
1. Qu.:	10.00	3. Qu.:	20.00
Mean:	18.36	Median:	20.00

**Missings and Encoding:**

Don't know / No answer (-1): 716  
Question not asked (-2): 882

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c9_01	-	-	-

---

## Name of variable: c9\_02

**Description:** Percentage of investment in transport sector: road construction outside urban ar

**Descriptives:**

Min.:	0.00	Max.:	100.00
1. Qu.:	15.00	3. Qu.:	25.00
Mean:	20.10	Median:	20.00

**Missings and Encoding:**

Don't know / No answer (-1): 721  
Question not asked (-2): 882

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c9_02	-	-	-

---

## Name of variable: c9\_03

**Description:** Percentage of investment in transport sector: cycle paths

**Descriptives:**

Min.:	0.00	Max.:	100.00
1. Qu.:	10.00	3. Qu.:	20.00
Mean:	16.40	Median:	15.00

**Missings and Encoding:**

Don't know / No answer (-1): 715  
Question not asked (-2): 882

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c9_03	-	-	-

---

## Name of variable: c9\_04

**Description:** Percentage of investment in transport sector: long-distance trail transport

**Descriptives:**

Min.:	0.00	Max.:	80.00
1. Qu.:	10.00	3. Qu.:	20.00
Mean:	17.54	Median:	20.00

**Missings and Encoding:**

Don't know / No answer (-1): 762  
Question not asked (-2): 882

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c9_04	-	-	-

---

## Name of variable: c9\_05

**Description:** Percentage of investment in transport sector: local transport

**Descriptives:**

Min.:	0.00	Max.:	100.00
1. Qu.:	15.00	3. Qu.:	25.00
Mean:	19.82	Median:	20.00

**Missings and Encoding:**

Don't know / No answer (-1): 737  
Question not asked (-2): 882

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c9_05	-	-	-

---

## Name of variable: c9\_06

**Description:** Percentage of investment in transport sector: other areas

**Descriptives:**

Min.:	0.00	Max.:	100.00
1. Qu.:	5.00	3. Qu.:	10.00
Mean:	9.63	Median:	10.00

**Missings and Encoding:**

Don't know / No answer (-1): 1464  
Question not asked (-2): 879

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c9_06	-	-	-

---

## Name of variable: c10\_1

**Description:** Higher costs for parking in city centers

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	1.00	3. Qu.:	3.00
Mean:	2.44	Median:	2.00

**Missings and Encoding:**

Don't know / No answer (-1): 105	1 Strongly reject
Question not asked (-2): 913	2 Rather reject
	3 Neither agree nor reject
	4 Rather agree
	5 Strongly agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c10_1	c10a_21	c3a_2	c3a_2

---

## Name of variable: c10\_2

**Description:** Expansion of infrastructure for electromobility

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	3.00	3. Qu.:	5.00
Mean:	3.76	Median:	4.00

**Missings and Encoding:**

Don't know / No answer (-1): 124	1 Strongly reject
Question not asked (-2): 913	2 Rather reject
	3 Neither agree nor reject
	4 Rather agree
	5 Strongly agree



**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c10_2	c10a_22	c3a_5	c3a_5

---

**Name of variable: c10\_3****Description:** Car-free city centers**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	2.00	3. Qu.:	4.00
Mean:	2.84	Median:	3.00

**Missings and Encoding:**

Don't know / No answer (-1): 96	1 Strongly reject
Question not asked (-2): 914	2 Rather reject
	3 Neither agree nor reject
	4 Rather agree
	5 Strongly agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c10_3	c10a_23	c3a_3	c3a_3

---

**Name of variable: c10\_4****Description:** Implementation diesel driving bans in cities where pollutant limits are exceeded**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	2.00	3. Qu.:	4.00
Mean:	3.26	Median:	3.00

**Missings and Encoding:**

Don't know / No answer (-1): 117	1 Strongly reject
Question not asked (-2): 913	2 Rather reject
	3 Neither agree nor reject
	4 Rather agree
	5 Strongly agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c10_4	c10a_24	-	-

---

**Name of variable: c10\_5****Description:** Increase in taxation on diesel consumption**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	2.00	3. Qu.:	4.00
Mean:	2.87	Median:	3.00

**Missings and Encoding:**

Don't know / No answer (-1): 201

Question not asked (-2): 913

1 Strongly reject

2 Rather reject

3 Neither agree nor reject

4 Rather agree

5 Strongly agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

c10\_5 c10a\_25 c3b\_4 c3b\_4

**Name of variable: c10\_6****Description:** Expansion of cycle paths, even at the expense of car parking spaces if necessary**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 2.00 3. Qu.: 4.00

Mean: 3.31 Median: 3.00

**Missings and Encoding:**

Don't know / No answer (-1): 113

Question not asked (-2): 913

1 Strongly reject

2 Rather reject

3 Neither agree nor reject

4 Rather agree

5 Strongly agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

c10\_6 c10a\_26 c3a\_6\* c3a\_6\*

**Name of variable: c10\_7****Description:** Designation of reserved lanes for buses and trains**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 3.00 3. Qu.: 4.00

Mean: 3.78 Median: 4.00

**Missings and Encoding:**

Don't know / No answer (-1): 196

Question not asked (-2): 913

1 Strongly reject

2 Rather reject

3 Neither agree nor reject

4 Rather agree

5 Strongly agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

c10\_7 c10a\_27 c3a\_7\* c3a\_7\*

## Name of variable: c10\_8

**Description:** Ban on new registrations of vehicles with combustion engines from 2035

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	1.00	3. Qu.:	4.00
Mean:	2.64	Median:	3.00

**Missings and Encoding:**

Don't know / No answer (-1): 355	1 Strongly reject
Question not asked (-2): 913	2 Rather reject
	3 Neither agree nor reject
	4 Rather agree
	5 Strongly agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c10_8	c10a_28	c3b_1	c3b_1

---

## Name of variable: c10\_9

**Description:** Free use of public transport

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	3.00	3. Qu.:	5.00
Mean:	3.94	Median:	4.00

**Missings and Encoding:**

Don't know / No answer (-1): 106	1 Strongly reject
Question not asked (-2): 913	2 Rather reject
	3 Neither agree nor reject
	4 Rather agree
	5 Strongly agree

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c10_9	c10a_29	c3a_8	c3a_8

---

## Name of variable: c11\_1

**Description:** Evaluation electric cars

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	3.00	3. Qu.:	4.00
Mean:	3.70	Median:	4.00

**Missings and Encoding:**

Don't know / No answer (-1): 135

Question not asked (-2): 918

1 Very negative

2 Rather negative

3 Neither positive nor negative

4 Rather positive

5 Very positive

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

c11.1 c11.1 - -

**Name of variable: c11\_2****Description:** Evaluation e-bikes**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 3.00 3. Qu.: 4.00

Mean: 3.72 Median: 4.00

**Missings and Encoding:**

Don't know / No answer (-1): 159

Question not asked (-2): 918

1 Very negative

2 Rather negative

3 Neither positive nor negative

4 Rather positive

5 Very positive

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

c11.2 c11.2 - -

**Name of variable: c11\_3****Description:** Evaluation car sharing**Descriptives:**

Min.: 1.00 Max.: 5.00

1. Qu.: 3.00 3. Qu.: 4.00

Mean: 3.53 Median: 4.00

**Missings and Encoding:**

Don't know / No answer (-1): 303

Question not asked (-2): 918

1 Very negative

2 Rather negative

3 Neither positive nor negative

4 Rather positive

5 Very positive

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

c11.3 c11.3 - -

## Name of variable: c11\_4

**Description:** Evaluation bike sharing

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	3.00	3. Qu.:	4.00
Mean:	3.30	Median:	3.00

**Missings and Encoding:**

Don't know / No answer (-1): 548	1 Very negative
Question not asked (-2): 918	2 Rather negative
	3 Neither positive nor negative
	4 Rather positive
	5 Very positive

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c11.4	c11.4	-	-

---

## Name of variable: c11\_5

**Description:** Evaluation autonomous vehicles

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	2.00	3. Qu.:	3.00
Mean:	2.55	Median:	2.00

**Missings and Encoding:**

Don't know / No answer (-1): 212	1 Very negative
Question not asked (-2): 918	2 Rather negative
	3 Neither positive nor negative
	4 Rather positive
	5 Very positive

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c11.5	c11.5	-	-

---

## Name of variable: c121

**Description:** Mobility concepts - can imagine future use

**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	1.00
Mean:	0.56	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1): 0	0 No electric cars
Question not asked (-2): 925	1 Electric cars

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c121	c121	-	-

---

**Name of variable: c122****Description:** Mobility concepts - can imagine future use**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	1.00
Mean:	0.42	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	No e-bikes
Question not asked (-2):	925	1 E-bikes

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c122	c122	-	-

---

**Name of variable: c123****Description:** Mobility concepts - can imagine future use**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.20	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	No car sharing
Question not asked (-2):	925	1 Car sharing

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c123	c124	-	-

---

**Name of variable: c124****Description:** Mobility concepts - can imagine future use**Descriptives:**

Min.:	0.00	Max.:	1.00
1. Qu.:	0.00	3. Qu.:	0.00
Mean:	0.09	Median:	0.00

**Missings and Encoding:**

Don't know / No answer (-1):	0	No bike sharing
Question not asked (-2):	925	1 Bike sharing

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c124	c125	-	-

---

## Name of variable: c125

**Description:** Mobility concepts - can imagine future use

**Descriptives:**

Min.: 0.00    Max.: 1.00  
1. Qu.: 0.00    3. Qu.: 0.00  
Mean: 0.19    Median: 0.00

**Missings and Encoding:**

Don't know / No answer (-1): 0                      0 No autonomous vehicles  
Question not asked (-2): 925                      1 Autonomous vehicles

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c125	c126	-	-

---

## Name of variable: c126

**Description:** Mobility concepts - can imagine future use

**Descriptives:**

Min.: 0.00    Max.: 1.00  
1. Qu.: 0.00    3. Qu.: 0.00  
Mean: 0.18    Median: 0.00

**Missings and Encoding:**

Don't know / No answer (-1): 0                      0 No none  
Question not asked (-2): 925                      1 None

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c126	c127	-	-

---

## Name of variable: c127

**Description:** Mobility concepts - can imagine future use

**Descriptives:**

Min.: 0.00    Max.: 1.00  
1. Qu.: 0.00    3. Qu.: 0.00  
Mean: 0.02    Median: 0.00

**Missings and Encoding:**

Don't know / No answer (-1): 0                      0 No don't know / no answer  
Question not asked (-2): 925                      1 Don't know / no answer

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c127	c128	-	-

## Name of variable: c13\_1

**Description:** Worry insufficient investment road construction and maintenance

**Descriptives:**

Min.:	1.00	Max.:	7.00
1. Qu.:	4.00	3. Qu.:	6.00
Mean:	4.68	Median:	5.00

**Missings and Encoding:**

Don't know / No answer (-1): 155	1 1 = not at all concerned 1
Question not asked (-2): 955	2 2
	3 3
	4 4
	5 5
	6 6
	7 7 = very concerned 7

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c13.1	c13.1	-	-

---

## Name of variable: c13\_2

**Description:** Worry car use is becoming unaffordable

**Descriptives:**

Min.:	1.00	Max.:	7.00
1. Qu.:	3.00	3. Qu.:	5.00
Mean:	4.19	Median:	4.00

**Missings and Encoding:**

Don't know / No answer (-1): 159	1 1 = not at all concerned 1
Question not asked (-2): 955	2 2
	3 3
	4 4
	5 5
	6 6
	7 7 = very concerned 7

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c13.2	c13.2	-	-

---

## Name of variable: c13\_3

**Description:** Worry traffic congestion bringing car traffic in city centers to standstill

**Descriptives:**

Min.:	1.00	Max.:	7.00
1. Qu.:	3.00	3. Qu.:	6.00
Mean:	4.34	Median:	4.00



**Missings and Encoding:**

Don't know / No answer (-1): 182

Question not asked (-2): 955

1 1 = not at all concerned 1

2 2

3 3

4 4

5 5

6 6

7 7 = very concerned 7

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

c13.3 c13.3 - -

**Name of variable: c13\_4****Description:** Worry the global supply of fossil fuels will soon run out**Descriptives:**

Min.: 1.00 Max.: 7.00

1. Qu.: 3.00 3. Qu.: 6.00

Mean: 4.53 Median: 5.00

**Missings and Encoding:**

Don't know / No answer (-1): 176

Question not asked (-2): 955

1 1 = not at all concerned 1

2 2

3 3

4 4

5 5

6 6

7 7 = very concerned 7

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

c13.4 - - -

**Name of variable: c13\_5****Description:** Worry air pollution in cities worsening due to car traffic**Descriptives:**

Min.: 1.00 Max.: 7.00

1. Qu.: 4.00 3. Qu.: 6.00

Mean: 4.83 Median: 5.00

**Missings and Encoding:**

Don't know / No answer (-1): 123

Question not asked (-2): 955

1 1 = not at all concerned 1

2 2

3 3

4 4

5 5

6 6

7 7 = very concerned 7

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

c13.5 c13.4 - -

---

## Name of variable: c13\_6

**Description:** Worry commuting taking up more and more time

**Descriptives:**

Min.: 1.00    Max.: 7.00  
1. Qu.: 4.00    3. Qu.: 6.00  
Mean: 4.92    Median: 5.00

**Missings and Encoding:**

Don't know / No answer (-1): 253    1 1 = not at all concerned 1  
Question not asked (-2): 955    2 2  
3 3  
4 4  
5 5  
6 6  
7 7 = very concerned 7

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c13.6	c13.5	-	-

---

## Name of variable: c13\_7

**Description:** Worry traffic congestion bringing public transport to standstill

**Descriptives:**

Min.: 1.00    Max.: 7.00  
1. Qu.: 3.00    3. Qu.: 5.00  
Mean: 3.94    Median: 4.00

**Missings and Encoding:**

Don't know / No answer (-1): 249    1 1 = not at all concerned 1  
Question not asked (-2): 955    2 2  
3 3  
4 4  
5 5  
6 6  
7 7 = very concerned 7

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c13.7	-	-	-

---

## Name of variable: c13\_8

**Description:** Worry insufficient investment in environ. friendly alternatives to the car

**Descriptives:**

Min.: 1.00    Max.: 7.00  
1. Qu.: 4.00    3. Qu.: 6.00  
Mean: 4.70    Median: 5.00

**Missings and Encoding:**

Don't know / No answer (-1): 195	1 1 = not at all concerned 1
Question not asked (-2): 955	2 2
	3 3
	4 4
	5 5
	6 6
	7 7 = very concerned 7

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c13_8	c13_6	-	-

---

**Name of variable: c13\_9**

**Description:** Worry insuff. investment in altern. drive systems for cars (e.g. e-mobility)

**Descriptives:**

Min.:	1.00	Max.:	7.00
1. Qu.:	4.00	3. Qu.:	6.00
Mean:	4.67	Median:	5.00

**Missings and Encoding:**

Don't know / No answer (-1): 209	1 1 = not at all concerned 1
Question not asked (-2): 955	2 2
	3 3
	4 4
	5 5
	6 6
	7 7 = very concerned 7

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
c13_9	c13_9	-	-

---

**Name of variable: s0**

**Description:** Federal state of birth

**Descriptives:**

Min.:	1.00	Max.:	17.00
1. Qu.:	3.00	3. Qu.:	11.00
Mean:	8.03	Median:	9.00

**Missings and Encoding:**

Don't know / No answer (-1): 30

Question not asked (-2): 958

1 Baden-Wuerttemberg

2 Bavaria

3 Berlin

4 Brandenburg

5 Bremen

6 Hamburg

7 Hesse

8 Mecklenburg-Western Pomerania

9 Lower Saxony

10 North Rhine-Westphalia

11 Rhineland-Palatinate

12 Saarland

13 Saxony

14 Saxony-Anhalt

15 Schleswig-Holstein

16 Thuringia

17 I was born abroad

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

s0 s0 - -

**Name of variable: s1****Description:** Number of people in household**Descriptives:**

Min.: 1.00 Max.: 12.00

1. Qu.: 1.00 3. Qu.: 3.00

Mean: 2.27 Median: 2.00

**Missings and Encoding:**

Don't know / No answer (-1): 67

Question not asked (-2): 960

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

s1 s1 s1\* s1\*

**Name of variable: s2****Description:** How many children below the age of 14 live in your household?**Descriptives:**

Min.: 0.00 Max.: 8.00

1. Qu.: 0.00 3. Qu.: 0.00

Mean: 0.38 Median: 0.00

**Missings and Encoding:**

Don't know / No answer (-1): 82

Question not asked (-2): 2724

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

s2 s2 s2 s2

---

## Name of variable: s3

**Description:** How many own children do you have?

**Descriptives:**

Min.: 0.00    Max.: 12.00  
1. Qu.: 0.00    3. Qu.: 2.00  
Mean: 1.29    Median: 1.00

**Missings and Encoding:**

Don't know / No answer (-1): 132  
Question not asked (-2): 964

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
s3	s3	-	-

---

## Name of variable: s4

**Description:** Do you have grandchildren?

**Descriptives:**

Min.: 1.00    Max.: 2.00  
1. Qu.: 1.00    3. Qu.: 2.00  
Mean: 1.58    Median: 2.00

**Missings and Encoding:**

Don't know / No answer (-1): 13	1 Yes
Question not asked (-2): 3349	2 No

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
s4	s4	-	-

---

## Name of variable: s5

**Description:** Do you have a general education school-leaving certificate?

**Descriptives:**

Min.: 1.00    Max.: 3.00  
1. Qu.: 1.00    3. Qu.: 1.00  
Mean: 1.01    Median: 1.00

**Missings and Encoding:**

Don't know / No answer (-1): 30	1 Yes
Question not asked (-2): 967	2 No
	3 Not yet

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
s5	s5	s5*	s5*

---

## Name of variable: s6

**Description:** Which general education school-leaving certificate do you have?

**Descriptives:**

Min.:	1.00	Max.:	5.00
1. Qu.:	3.00	3. Qu.:	5.00
Mean:	3.59	Median:	3.00

**Missings and Encoding:**

Don't know / No answer (-1): 31  
Question not asked (-2): 1050

1 Graduation after a maximum of 7 years of school attendance (especially graduation abroad)  
2 Hauptschule/elementary school certificate  
3 Secondary school certificate (intermediate school leaving certificate), polytechnic secondary school certificate or equivalent qualification  
4 Entrance qualification for universities of applied sciences  
5 General or subject-specific higher education entrance qualification (Abitur)

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
s6	s6	s6*	s6*

---

## Name of variable: s7

**Description:** Do you have a professional training or (technical) university degree?

**Descriptives:**

Min.:	1.00	Max.:	3.00
1. Qu.:	1.00	3. Qu.:	1.00
Mean:	1.13	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1): 49  
Question not asked (-2): 970

1 Yes  
2 No  
3 Not yet

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
s7	s7	s7*	s7*

---

## Name of variable: s8

**Description:** What is your highest professional training or (technical) university degree?

**Descriptives:**

Min.:	1.00	Max.:	12.00
1. Qu.:	3.00	3. Qu.:	10.00
Mean:	6.39	Median:	6.00

**Missings and Encoding:**

Don't know / No answer (-1): 188

Question not asked (-2): 1727

- 1 Apprenticeship or vocational internship of at least 12 months
- 2 Vocational preparation year
- 3 Apprenticeship, vocational training in the dual system
- 4 Preparatory service for the intermediate civil service in public administration
- 5 Vocational qualification from a vocational school/college, graduation from a 1-year school in the healthcare sector
- 6 2 or 3-year school in the healthcare sector (e.g. nursing, PTA, MTA)
- 7 Technical college qualification (master craftsman/-woman, technician or equivalent qualification)
- 8 Vocational academy, technical academy
- 9 Degree from administrative college
- 10 Degree from university of applied sciences, also engineering degree
- 11 Degree from a university, university of applied sciences, art college
- 12 Doctorate/PhD

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
s8	s8	s8*	s8*

---

**Name of variable: s9**

**Description:** Employed

**Descriptives:**

Min.:	1.00	Max.:	12.00
1. Qu.:	1.00	3. Qu.:	5.00
Mean:	2.70	Median:	1.00

**Missings and Encoding:**

Don't know / No answer (-1): 73

Question not asked (-2): 975

1 I am employed (incl. trainees, persons on parental leave or partial retirement).

2 I am doing voluntary military service/federal voluntary service.

3 I am a pupil.

4 I am a student.

5 I am a pensioner or retiree.

6 I live from income from capital assets, renting or leasing.

7 I receive maintenance/benefits from my spouse, partner, parents, relatives or other persons - including non-household members.

8 I am a homemaker or caretaker for children and/or persons in need of care.

9 I receive unemployment benefit I.

10 I receive unemployment benefit II or social benefit (Hartz IV benefits).

11 I receive social assistance or basic income support in old age and in the event of reduced earning capacity.

12 None of these options (e.g. permanently unable to work)

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

s9 s9 s9\* s9\*

**Name of variable: s9b****Description:** Have you completed military or civilian service?**Descriptives:**

Min.: 1.00 Max.: 3.00

1. Qu.: 1.00 3. Qu.: 3.00

Mean: 1.98 Median: 2.00

**Missings and Encoding:**

Don't know / No answer (-1): 23

Question not asked (-2): 4152

1 I completed military service.

2 I completed civilian service.

3 Neither of them

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

s9b s9b - -

**Name of variable: s10****Description:** Full- or part-time employed**Descriptives:**

Min.: 1.00 Max.: 3.00

1. Qu.: 1.00 3. Qu.: 1.00

Mean: 1.24 Median: 1.00



**Missings and Encoding:**

Don't know / No answer (-1): 18

Question not asked (-2): 3661

1 Employed full-time

2 Working part-time, at least 20 hours per week

3 Part-time or hourly employed with less than 20 hours per week

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

s10 s10 s10\* s10\*

**Name of variable: s11****Description:** Occupation**Descriptives:**

Min.: 1.00 Max.: 10.00

1. Qu.: 1.00 3. Qu.: 2.00

Mean: 2.00 Median: 1.00

**Missings and Encoding:**

Don't know / No answer (-1): 17

Question not asked (-2): 3661

1 Employee

2 Worker, home worker

3 Apprentice

4 Self-employed without employees (also free-lancers, persons with a contract for work)

5 Self-employed person with employees

6 Contributing family member (unpaid work)

7 Civil servant, judge, civil service employee

8 Temporary soldier, professional soldier

10 Part-time worker, 1-euro jobber

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

s11 s11\* s11\* s11\*

**Name of variable: s12****Description:** Monthly household net income**Descriptives:**

Min.: 1.00 Max.: 12.00

1. Qu.: 4.00 3. Qu.: 8.00

Mean: 6.35 Median: 6.00

**Missings and Encoding:**

Don't know / No answer (-1): 831

Question not asked (-2): 977

1 under 700 euros

2 700 to 1,200 euros

3 1,200 to under 1,700 euros

4 1,700 to under 2,200 euros

5 2,200 to under 2,700 euros

6 2,700 to under 3,200 euros

7 3,200 to under 3,700 euros

8 3,700 to under 4,200 euros

9 4,200 to under 4,700 euros

10 4,700 to under 5,200 euros

11 5,200 to under 5,700 euros

12 5,700 euros and more

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

s12 s12 s12\* s12\*

**Name of variable: s14****Description:** Member of organization for environment or climate protection**Descriptives:**

Min.: 1.00 Max.: 2.00

1. Qu.: 2.00 3. Qu.: 2.00

Mean: 1.85 Median: 2.00

**Missings and Encoding:**

Don't know / No answer (-1): 70

1 Yes

Question not asked (-2): 980

2 No

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

s14 s14 s14\* s14\*

**Name of variable: s15****Description:** Party preference (long-term)**Descriptives:**

Min.: 1.00 Max.: 2.00

1. Qu.: 1.00 3. Qu.: 2.00

Mean: 1.31 Median: 1.00

**Missings and Encoding:**

Don't know / No answer (-1): 212

1 Yes

Question not asked (-2): 981

2 No

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

s15 s15 s15\* s15\*

## Name of variable: s16

**Description:** And which party is that?

**Descriptives:**

Min.: 1.00    Max.: 9.00  
1. Qu.: 1.00    3. Qu.: 4.00  
Mean: 2.73    Median: 2.00

**Missings and Encoding:**

Don't know / No answer (-1):	217	1	1
Question not asked (-2):	3232	2	2
		3	3
		4	Buendnis 90 / Die Gruenen
		5	5
		6	6
		7	7
		8	8
		9	Another party

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
s16	s16	s16*	s16*

---

## Name of variable: op1

**Description:** Problems with the survey

**Descriptives:**

Min.: 1.00    Max.: 1.00  
1. Qu.: 1.00    3. Qu.: 1.00  
Mean: 1.00    Median: 1.00

**Missings and Encoding:**

Don't know / No answer (-1):	2645	1	Open text
Question not asked (-2):	999		

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
op1	op1	fo*	fo*

---

## Name of variable: op2

**Description:** Question about the experiment

**Descriptives:**

Min.: 1.00    Max.: 1.00  
1. Qu.: 1.00    3. Qu.: 1.00  
Mean: 1.00    Median: 1.00

**Missings and Encoding:**

Don't know / No answer (-1):	1038	1	Open text
Question not asked (-2):	4661		

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
op2	-	-	-

---

**Name of variable: mod2****Description:** Willingness to participate in smartphone tracking**Descriptives:**

Min.:	1.00	Max.:	2.00
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1. Qu.:	1.00	3. Qu.:	1.00
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Mean:	1.15	Median:	1.00
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**Missings and Encoding:**

Don't know / No answer (-1):	0	1	Yes
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Question not asked (-2):	6913	2	No
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**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
mod2	-	-	-

---

**Name of variable: mod3****Description:** Confirmation of participation in smartphone tracking**Descriptives:**

Min.:	1.00	Max.:	2.00
-------	------	-------	------

1. Qu.:	1.00	3. Qu.:	1.00
---------	------	---------	------

Mean:	1.09	Median:	1.00
-------	------	---------	------

**Missings and Encoding:**

Don't know / No answer (-1):	0	1	Yes
------------------------------	---	---	-----

Question not asked (-2):	7046	2	No
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**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
mod3	-	-	-

---

**Name of variable: sex****Description:** Gender of the interviewee**Descriptives:**

Min.:	1.00	Max.:	2.00
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1. Qu.:	1.00	3. Qu.:	2.00
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Mean:	1.48	Median:	1.00
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**Missings and Encoding:**

Don't know / No answer (-1):	0	1	Male
------------------------------	---	---	------

Question not asked (-2):	0	2	Female
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**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
sex	sex	sex	sex

---

## Name of variable: bula

**Description:** Federal state

**Descriptives:**

Min.: 2.00    Max.: 17.00  
1. Qu.: 6.00    3. Qu.: 10.00  
Mean: 8.63    Median: 9.00

**Missings and Encoding:**

Don't know / No answer (-1): 0

Question not asked (-2): 0

2 Schleswig-Holstein

3 Hamburg

4 Lower Saxony

5 Bremen

6 North Rhine-Westphalia

7 Hesse

8 Rhineland-Palatinate

9 Baden-Wuerttemberg

10 Bavaria

11 Saarland

12 Berlin

13 Brandenburg

14 Mecklenburg-Western Pomerania

15 Saxony

16 Saxony-Anhalt

17 Thuringia

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
bula	bula	-	bundesland

---

## Name of variable: altq

**Description:** Age numerical

**Descriptives:**

Min.: 18.00    Max.: 92.00  
1. Qu.: 39.00    3. Qu.: 65.00  
Mean: 51.73    Median: 52.00

**Missings and Encoding:**

Don't know / No answer (-1): 0

Question not asked (-2): 0

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
altq	altq	altq	altq

---

## Name of variable: datea

**Description:** Date begin

**Descriptives:**

Min.: 180423.00 Max.: 180613.00  
1. Qu.: 180518.00 3. Qu.: 180524.00  
Mean: 180512.50 Median: 180519.00

**Missings and Encoding:**

Don't know / No answer (-1): 0  
Question not asked (-2): 0

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024  
datea datea date\_a\_f date\_a\_f

---

**Name of variable: datee**

**Description:** Date end

**Descriptives:**

Min.: 0.00 Max.: 180612.00  
1. Qu.: 180427.00 3. Qu.: 180522.00  
Mean: 157383.50 Median: 180519.00

**Missings and Encoding:**

Don't know / No answer (-1): 0  
Question not asked (-2): 0

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024  
datee datee date\_e\_f date\_e\_f

---

**Name of variable: intdur**

**Description:** Duration of interview in minutes

**Descriptives:**

Min.: 0.10 Max.: 4336.45  
1. Qu.: 23.13 3. Qu.: 38.43  
Mean: 33.14 Median: 29.73

**Missings and Encoding:**

Don't know / No answer (-1): 0  
Question not asked (-2): 1001

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024  
intdur intdur duration\_min duration\_min

---

**Name of variable: dursec**

**Description:** Duration of interview in seconds

**Descriptives:**

Min.:	6.00	Max.:	260182.00
1. Qu.:	1388.00	3. Qu.:	2306.00
Mean:	1988.56	Median:	1784.00

**Missings and Encoding:**

Don't know / No answer (-1): 0  
 Question not asked (-2): 1001

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
dursec	dursec	duration	duration

**Name of variable: relv****Description:** Question RELV (Affiliated transport association)**Descriptives:**

Min.:	1.00	Max.:	11.00
1. Qu.:	3.00	3. Qu.:	11.00
Mean:	7.59	Median:	11.00

**Missings and Encoding:**

Don't know / No answer (-1): 0	1 VRR
Question not asked (-2): 675	2 VBB
	3 HVV
	4 MVV
	5 VVS
	6 VBN
	7 MDV
	8 VMS
	9 GVH
	10 AVV
	11 None of the above

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
relv	-	-	-

**Name of variable: rand1****Description:** Random numbers 1-12 for insertion of screens**Descriptives:**

Min.:	1.00	Max.:	12.00
1. Qu.:	4.00	3. Qu.:	9.00
Mean:	6.43	Median:	6.00

**Missings and Encoding:**

Don't know / No answer (-1): 0  
 Question not asked (-2): 675

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
rand1	-	-	-

---

## Name of variable: rand2

**Description:** Description categorical for rand1

**Descriptives:**

Min.: 1.00 Max.: 12.00  
1. Qu.: 4.00 3. Qu.: 9.00  
Mean: 6.43 Median: 6.00

**Missings and Encoding:**

Don't know / No answer (-1): 0

Question not asked (-2): 675

- 1 Rand1=1: cost treatment + positive info
- 2 Rand1=2: cost treatment + control 2
- 3 Rand1=3: cost treatment + positive info
- 4 Rand1=4: cost treatment + control 1
- 5 Rand1=5: co2 treatment + positive info
- 6 Rand1=6: co2 treatment + control 2
- 7 Rand1=7: co2 treatment + positive info
- 8 Rand1=8: co2 treatment + control 1
- 9 Rand1=9: control 1 + positive info
- 10 Rand1=10: control 1 + control 2
- 11 Rand1=11: control 1 + positive info
- 12 Rand1=12: control 2 + control 1

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
rand2	-	-	-

---

## Name of variable: randrank

**Description:** Random number 1-2 for randomization

**Descriptives:**

Min.: 1.00 Max.: 2.00  
1. Qu.: 1.00 3. Qu.: 2.00  
Mean: 1.50 Median: 1.00

**Missings and Encoding:**

Don't know / No answer (-1): 0

Question not asked (-2): 712

- 1 1 = order of screens as described in the routing
- 2 2 = order of screens vice versa to the description in routing

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
randrank	-	-	-

---

## Name of variable: randran

**Description:** Random number 1-2 for randomization

**Descriptives:**

Min.: 1.00 Max.: 2.00  
1. Qu.: 1.00 3. Qu.: 2.00  
Mean: 1.50 Median: 1.00



**Missings and Encoding:**

Don't know / No answer (-1): 0

Question not asked (-2): 712

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
randran	-	-	-

---

**Name of variable: routing****Description:** Routing**Descriptives:**

Min.:	1.00	Max.:	17.00
1. Qu.:	4.00	3. Qu.:	12.00
Mean:	8.73	Median:	9.00

**Missings and Encoding:**

Don't know / No answer (-1): 0

Question not asked (-2): 712

- 1 Costs + positive info
- 2 Costs + control 1
- 3 Costs + control 2
- 4 Co2 + positive info
- 5 Co2 + control 1
- 6 Co2 + control 2
- 7 Control 1 + positive info
- 8 Control 1 + control 2
- 9 Control 2 + positive info
- 10 Control 2 + control 1
- 11 Positive info + costs
- 12 Control 1 + costs
- 13 Control 2 + costs
- 14 Positive info + co2
- 15 Control 1 + co2
- 16 Control 2 + co2
- 17 Positive info + control 1

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
routing	-	-	-

---

**Name of variable: levelt****Description:** Assigned price level (A1) according to transport association**Descriptives:**

Min.:	1.00	Max.:	10.00
1. Qu.:	1.00	3. Qu.:	6.00
Mean:	3.64	Median:	3.00

**Missings and Encoding:**

Don't know / No answer (-1): 0

Question not asked (-2): 4510

1 D

2 VBB total network

3 ABCDE

4 16 rings

5 7 or more zones

6 H

7 Association-wide

8 4

9 4 Zones

10 4

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

levelt - - -

---

**Name of variable: pricet****Description:** Assigned price (A2) according to transport association**Descriptives:**

Min.: 1.00 Max.: 10.00

1. Qu.: 1.00 3. Qu.: 6.00

Mean: 3.64 Median: 3.00

**Missings and Encoding:**

Don't know / No answer (-1): 0

Question not asked (-2): 4510

1 185.30 euros

2 201.50 euros

3 212.80 euros

4 225.60 euro

5 221.00 euro

6 250.60 euros

7 270.40 euros

8 170.80 euros

9 109.50 euros

10 179.90 euros

**Correspondence of items in RWI Climate-Mobility Panel:**

2018 2019 2022 2024

pricet - - -

---

**Name of variable: weight0****Description:** Weighting factors - Households**Descriptives:**

Min.: 0.48 Max.: 1.97

1. Qu.: 0.71 3. Qu.: 1.23

Mean: 1.00 Median: 0.91

**Missings and Encoding:**

Don't know / No answer (-1): 0

Question not asked (-2): 0

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
weight0	weight0	-	-

---

**Name of variable: weight1****Description:** Weighting factors - Representative population**Descriptives:**

Min.:	0.28	Max.:	6.79
1. Qu.:	0.56	3. Qu.:	1.30
Mean:	1.00	Median:	0.81

**Missings and Encoding:**

Don't know / No answer (-1): 0  
Question not asked (-2): 0

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
weight1	-	weightb*	weightb*

---

**Name of variable: weight2****Description:** Weighting factors - Representative online**Descriptives:**

Min.:	0.27	Max.:	6.01
1. Qu.:	0.57	3. Qu.:	1.31
Mean:	1.00	Median:	0.85

**Missings and Encoding:**

Don't know / No answer (-1): 0  
Question not asked (-2): 0

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
weight2	-	weighto*	weighto*

---

**Name of variable: mkey****Description:** Unique Identifier (ID)**Non-missings:** 7813**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
mkey	mkey	mkey	mkey

---

**Name of variable: zip****Description:** Zip code**Non-missings:** 7813

**Correspondence of items in RWI Climate-Mobility Panel:**

2018	2019	2022	2024
zip	zip	zip	zip

## **Welcome message**

We appreciate your interest in our study and would like to thank you for your willingness to participate.

In Germany, transport policy is currently the subject of intensive debate and discussion. Against this background, we are conducting a survey among omninet participants. The main topics are your attitudes and personal experiences regarding different modes of transport as well as your mobility behavior. We would also like to know how you perceive various contemporary topics.

We are conducting the survey together with two partners: the RWI – Leibniz Institute for Economic Research in Essen, and the Social Science Research Center Berlin (WZB).

The study serves exclusively scientific purposes. It goes without saying that the study is subject to data protection. All data collected is anonymized and only evaluated together with the data of other respondents. It is not possible to draw conclusions about your person or your household.

We hope you enjoy completing the questionnaire and would like to thank you in advance for your cooperation.

TEXT ONLY FOR PANELISTS WHO HAVE AGREED TO PARTICIPATE IN SMARTPHONE TRACKING AS PART OF THE SCREENING PROCESS

### **Smartphone tracking**

As announced some time ago, following the survey we would also like to offer you the opportunity to take part in a survey via smartphone from our partner InnoZ (*InnoZ info button*). In order to obtain as comprehensive a picture as possible of the population's mobility behavior, the results from the following survey with forsa.omninet will be combined with the results from the smartphone-based survey.

#### **Question Mod1:**

Are you in general interested in taking part in such a smartphone-based survey over a period of three months? In this case, we would provide you with all the necessary information about the process once again after the survey.

- Yes
- No
- Don't know / no answer

## M. Questions about mobility and modes of transport

### Question M1:

How many cars are permanently available to your household (including privately used company and company cars, excluding car sharing) that you use yourself (as driver or passenger)?

NUMFIELD

*don't know / no answer for M1 are treated as M1=0 for the questions filtered to question M1*

Questions M2 to M6 are asked for a maximum of three cars. Loop with 1 to 3 runs, whereby questions M2 to M6 are shown on a single page in each loop run.

M1 = 1: No transition

M1 = 2

Please start by thinking about one of your two cars (Car 1). -> M2 to M6 for Car 1

Now think of the other car (Car 2). -> M2 to M6 for Car 2

M1 = 3

Please think of one of your three cars first (Car 1). -> M2 to M6 for Car 1

Please now think of the second car (Car 2). -> M2 to M6 for Car 2

Please now think of the third car (Car 3). -> M2 to M6 for Car 3

M1 > 3

Now let's look at the three cars that you mainly use.

Please think of one of these cars first (Car 1). -> M2 to M6 for Car 1

Please now think of the second car (Car 2). -> M2 to M6 for Car 2

Please now think of the third car (Car 3). -> M2 to M6 for Car 3

### Question M2: Only for M1 > 0

How do you use the car?

*Single choice*

- almost only private
- both private and business
- almost only business-related
- don't know / no answer

**Question M3:** Only for M1 > 0

What type of car is it?

*Single choice*

- Subcompact / small car (e.g. VW Polo, Smart ForTwo, Renault Twingo)
- Compact car (e.g. VW Golf, Mercedes A-Class, Opel Astra)
- Mid-size car (e.g. VW Passat, Ford Mondeo)
- Van (e.g. VW Touran, Seat Alhambra, Renault Espace)
- Upper-class (e.g. Mercedes E-Class, BMW 5, Audi A6)
- Luxury class (e.g. Mercedes S-Class, BMW 7, Audi A8)
- SUV/off-road vehicle (e.g. VW Tiguan, Porsche Cayenne, Mercedes GLC)
- don't know / no answer

**Question M4:** Only for M1 > 0

What is the car powered by?

*Single choice*

- Gasoline
- Diesel
- Hybrid
- Electric motor
- Other
- don't know / no answer

**Question M5:** Only for M1 > 0

How old is the car? (If you do not know exactly, please estimate.)

NUMFIELD years

- don't know / no answer

**Question M6:** Only for M1 > 0

How many kilometers do you drive by car on average in a year? (If you do not know exactly, please estimate.)

NUMFIELD km

- don't know / no answer

**Question M7:** Only for M1 > 1

Which car do you personally use most?

*Single choice*

- don't know / no answer



**Question M8:** Only for M1 > 0

What type of parking lot do you have at home?

*Multiple choice*

- own garage / private parking lot
- roadside / public road space
- don't know / no answer

**Question M10:**

How far is the nearest public transportation stop (bus, train, etc.) from your apartment/house?

NUMFIELD km

- don't know / no answer

**Question M11:** Only if M10 not "don't know / no answer"

How often does public transportation run from this stop?

*Single choice*

- (approx.) every 5 to 10 minutes
- (approx.) every 10 to 20 minutes
- (approx.) every 20 to 30 minutes
- (approximately) hourly
- daily, but no more than once an hour
- less frequently than daily
- don't know / no answer

**Question M12:**

Do you have a ticket for public transportation that you can use regularly?

*Single choice*

- Yes, a monthly ticket
- Yes, a semester ticket
- Yes, a yearly ticket
- Yes, a multi-ride ticket (e.g. a 10-ride ticket)
- Yes, another ticket (e.g. a job ticket) that allows me to use public transportation
- No, I do not own any tickets for public transportation
- don't know / no answer

**Question M13:**

Are you eligible to a discounted ticket for public transport (e.g. for students / pensioners etc. or possibly through your employer)?

*Single choice*

- yes
- no
- don't know / no answer

Please think about the distances you regularly cover on foot or by public transport.

Regular routes	<b>Question M14:</b> How often do you travel a distance for the following trips? <i>Single choice</i>	IF NOT "NEVER OR ALMOST NEVER" FOR M14_XX  <b>Question M15_XXa:</b> Which modes of transportation do you mainly use for these routes? <i>Single choice</i>	IF NOT "NEVER OR ALMOST NEVER" FOR M14_XX  <b>Question M15_XXb:</b> Do you sometimes use other modes of transportation for this route? Which means of transport are they? <i>Multiple choice, answer from M15_XXa excluded</i>
Question M14_01 or M15_01a or M15_01b  For work/school related trips (trips to work/school/university/business trips etc.)	<ul style="list-style-type: none"> <li>• daily or almost daily</li> <li>• three to four times a week</li> <li>• once or twice a week</li> <li>• less often</li> <li>• never or almost never</li> <li>• don't know / no answer</li> </ul>	<ul style="list-style-type: none"> <li>• On foot</li> <li>• Private car</li> <li>• Motorcycle/scooter</li> <li>• Car sharing or rental car</li> <li>• Public transportation (bus, streetcar, regional trains, etc.)</li> <li>• Bicycle</li> <li>• Train (long-distance)</li> <li>• Other</li> <li>• don't know / no answer</li> </ul>	<ul style="list-style-type: none"> <li>• I never use other modes of transport for this route</li> <li>• On foot</li> <li>• Private car</li> <li>• Motorcycle/scooter</li> <li>• Car sharing or rental car</li> <li>• Public transportation (bus, streetcar, regional trains, etc.)</li> <li>• Bicycle</li> <li>• Train (long-distance)</li> <li>• Other</li> <li>• don't know / no answer</li> </ul>
Question M14_02 or M15_02a or M15_02b  For private errands (leisure/hobbies, bringing and picking up people, such as children, etc.)	<ul style="list-style-type: none"> <li>• daily or almost daily</li> <li>• three to four times a week</li> <li>• once or twice a week</li> <li>• less often</li> <li>• never or almost never</li> <li>• don't know / no answer</li> </ul>	<ul style="list-style-type: none"> <li>• On foot</li> <li>• Private car</li> <li>• Motorcycle/scooter</li> <li>• Car sharing or rental car</li> <li>• Public transportation (bus, streetcar, regional trains, etc.)</li> <li>• Bicycle</li> <li>• Train (long-distance)</li> <li>• Other</li> <li>• don't know / no answer</li> </ul>	<ul style="list-style-type: none"> <li>• I never use other modes of transport for this route</li> <li>• On foot</li> <li>• Private car</li> <li>• Motorcycle/scooter</li> <li>• Car sharing or rental car</li> <li>• Public transportation (bus, streetcar, regional trains, etc.)</li> <li>• Bicycle</li> <li>• Train (long-distance)</li> <li>• Other</li> <li>• don't know / no answer</li> </ul>

#### Question M16a:

Now the focus is on your driving behavior in general.

Please think about your driving behavior in the last 7 days. Which of these modes of transportation have you used in the last 7 days?

*Multiple choice*

- Private car
- Motorcycle / scooter
- Car sharing or rental / hire car
- Public transport (Bus, streetcar, regional trains, etc.)
- Bicycle
- Train (long-distance transport)
- Airplane
- don't know / no answer

Please indicate how often you have used these modes of transportation in the last 7 days.

Count outward and return journeys separately.

Example: Suppose you drove to work by car yesterday morning, returned home in the afternoon and drove to and from sports in the evening. You then used the car four times.

Please also state how many kilometers you have covered in total in the last 7 days using these modes of transport. If you do not know the exact figures, please estimate.

<b>Mode of transportation</b>	<b>Asked for the means of transport specified in M16a</b>  <b>Question M16:</b> How often have you used the following means of transportation in the last 7 days? If you do not know exactly, please estimate.	<b>Asked for the means of transport specified in M16a</b>  <b>Question M17:</b> In the last 7 days, how many kilometers did you travel in total using the following means of transport? If you do not know exactly, please estimate.
M16_01 or M17_01 Private car	NUMFIELD Times don't know / no answer	NUMFIELD km don't know / no answer
M16_02 or M17_02 Motorcycle / scooter	NUMFIELD Times don't know / no answer	NUMFIELD km don't know / no answer
M16_03 or M17_03 Car sharing or rental / hire car	NUMFIELD Times don't know / no answer	NUMFIELD km don't know / no answer
M16_04 or M17_04 Public transport (Bus, streetcar, regional trains, etc.)	NUMFIELD Times don't know / no answer	NUMFIELD km don't know / no answer
M16_05 or M17_05 Bicycle	NUMFIELD Times don't know / no answer	NUMFIELD km don't know / no answer
M16_06 or M17_06 Train (long-distance transport)	NUMFIELD Times don't know / no answer	NUMFIELD km don't know / no answer
M16_07 or M17_07 Airplane	NUMFIELD Times don't know / no answer	NUMFIELD km don't know / no answer

**Question M18:**

Were there any extraordinary circumstances in the last 7 days that caused your driving behavior to deviate from your typical driving behavior (such as illness or vacation)?

- Yes, I have been out and about an exceptionally large amount in the last 7 days
- Yes, I have been out and about exceptionally little in the last 7 days
- No
- don't know / no answer

**Question M21:**

A smartphone (cell phone with Internet access) can be helpful when traveling by various means of transport. Do you own a smartphone?

*Single choice*

- yes
- no
- don't know / no answer

**Question M22:** For M21 = "Yes"

Which of the following apps or app functions on your smartphone have you used in the past 6 months?

*Multiple choice*

- Mobile navigation and route planning (e.g. Google Maps, Apple Maps)
- Digital timetable information for public transport (e.g. DB Navigator, Öffi, moovel, timetable app of the local transport provider)
- Electronic cell phone ticket for public transport (e.g. DB Navigator, Öffi, moovel, timetable app of the local transport provider)
- Booking mobility services (e.g. car sharing, bike sharing)
- Other mobility-related apps: TEXTFIELD

## B. Barriers to public transport use

This part of the survey is about how you perceive traveling by car and public transport.

### Question B1:

Below you will find a list of statements about driving. Please indicate how much you agree or disagree with each statement (even if you do not own a car).

- a) The road development and condition in my area is satisfactory.
- b) I find traveling by car stressful.
- c) I can rely on getting to my destination on time by car.
- d) I am flexible by car.
- e) I can get to my destination quickly by car.
- f) I can do other things while I'm driving.
- g) I enjoy driving the car.
- h) It is easy to find a parking space near my home.
- i) Only for M14\_01 = "Travel for work/school" = "daily" or "three to four times a week" or "once or twice a week"  
My workplace/school/university is easy for me to reach by car.
- j) Traveling by car does not cost me much.
- k) It is convenient for me to travel by car.

*Items randomized*

Do not agree at all				Completely agree	Don't know / no answer
1	2	3	4	5	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

### Question B2:

Below you will find a list of statements about riding public transportation (buses, streetcars, etc.). Please indicate how much you agree or disagree with each statement.

- a) Public transportation in my area is satisfactory.
- b) I find traveling by public transport stressful.
- c) I can rely on public transportation to get me to my destination on time.
- d) I am flexible with public transportation.
- e) I can do other things while using public transportation.
- f) I enjoy using public transportation.
- g) There are conveniently located public transport stops near my home.
- h) Only for M14\_01 = "Travel for work/school trips" = "daily" or "three to four times a week" or "once or twice a week"  
My workplace/school/university is easy for me to reach by public transport.
- i) Using public transportation does not cost me much.
- j) Using public transportation is convenient for me.

*Items randomized*

Do not agree at all				Completely agree	Don't know / no answer
1	2	3	4	5	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

## V. Attitudes towards environmental protection, climate change and general

In the following, we would like to ask you about your views on a number of political issues.

### Question V1:

There are many challenges that people around the world are currently facing. Please indicate how important you personally consider the following global challenges to be.

*Random order*

Global challenges	Completely unimportant	Rather unimportant	Moderately important	Rather important	Very important	Don't know/no answer
Combating social injustice, hunger and poverty	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Combating diseases	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stabilizing the financial systems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Combating terrorism	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Preventing or ending wars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Combating climate change	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### Question V2:

To what extent do you personally agree with the following statements?

*Items randomized.*

- It worries me when I think about the environmental conditions in which our children and grandchildren will probably have to live.
- There are natural limits to growth that our industrialized world has long since reached or exceeded.
- Environmental protection should be a priority for Germany, even if it impairs economic growth.
- In order to preserve our natural resources, we must all be prepared to reduce our standard of living.

Do not agree at all				Completely agree	Don't know/no answer
1	2	3	4	5	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

### Question V3:

There is a lot of media coverage and discussion about global climate change. Are you concerned about possible climate change, which is sometimes referred to as "global warming"?

Not at all worried						Very worried	Don't know/ no answer
1	2	3	4	5	6	7	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

**Question V4:**

And what do you think, which of the following statements do you most agree with?

*Single choice*

- Global climate change is already happening.
- Global climate change is not happening now, but it will happen in the next few decades.
- Global climate change will not happen in the next few decades, but it will happen afterwards.
- Global climate change will not occur at all.
- Don't know / no answer

**Question V5:** Only if answers to V4 are choices 1-3

What impact do you think climate change will have on your personal living conditions in the coming decades?

*Single choice*

- very negative consequences
- rather negative consequences
- roughly equal positive and negative consequences
- rather positive consequences
- very positive consequences
- don't know / no answer

**Question V6:** Only if answers to V4 are choices 1-3

Who do you think is responsible for climate change?

*Single choice, randomized*

- Natural processes are primarily responsible.
- Humans are primarily responsible.
- Both natural processes and humans are responsible.
- don't know / no answer

**Question V7:**

How much do you agree with the following statements?

Note: Please use the scale from 0 to 10, where 0 means "strongly disagree" and 10 means "strongly agree". You can use the values in between to grade your assessment.

*Randomized*

- a) Unless proven otherwise, I am convinced that people only have the best intentions.
- b) If someone does me a favor, I am willing to reciprocate.

- c) If I am treated very unfairly, I will take revenge at the first available opportunity, even if I have to accept costs/disadvantages myself.

Strongly disagree										Strongly agree	Don't know/ no answer
0	1	2	3	4	5	6	7	8	9	10	
O	O	O	O	O	O	O	O	O	O	O	

**Question V8:**

How would you rate your willingness to share with others without expecting anything in return in relation to the following area: when it comes to charitable causes.

Not at all willing to share										Very willing to share	Don't know/ no answer
0	1	2	3	4	5	6	7	8	9	10	
O	O	O	O	O	O	O	O	O	O	O	

**Question V9:**

How do you rate yourself personally? Compared to others, are you generally willing to give up something today in order to benefit from it in the future, or are you not willing to do so compared to others?

Not at all willing to give up something										Very willing to give up something	Don't know/ no answer
0	1	2	3	4	5	6	7	8	9	10	
O	O	O	O	O	O	O	O	O	O	O	

**Question V10:**

Imagine the following situation.

You have a membership at a nearby gym. You can go to the gym exactly once a week, every Monday evening. The membership costs you 500€ per year, i.e. around 10€ per workout.

Now imagine that you are unable to go to the gym on a Monday evening. It is also not possible for you to make up the training on another day of the week. How well do the following statements describe how you feel about the costs of missing your training? To what extent do they apply to you?

*Randomized*

- I feel like I just wasted 10€, the amount I paid to train that night.
- I feel like I haven't wasted anything as my visit has already been paid for, and sometimes you just can't take full advantage of the things you're entitled to.
- I feel like I wasted something, maybe time, maybe money, but I can't think of a specific amount or measure.

Does not apply at all				Completely applies	Don't know/ no answer
1	2	3	4	5	
O	O	O	O	O	



## C. Car use und information experiment

The following part is about the costs and pollutant emissions of cars.

### Question C1:

For  $M1 = 1$

First of all, we are interested in the total monthly costs of your car.

Please estimate how high the monthly costs of your car are. Please also take into account any irregular expenses that typically occur per month.

For  $M1 > 1$

Firstly, we are interested in the total monthly costs of the car you mainly use.

Please estimate the monthly costs of your main car (INSERT ANSWER FROM M7 Please also take into account any irregular expenses that typically occur per month.

For  $M1 = 0$

Firstly, we are interested in how high you estimate the total monthly costs of using a typical compact car to be.

Please estimate the monthly costs for the use of a 9-year-old, typical compact car. Please also take into account any irregular expenses that typically occur per month.

NUMFIELD Euros per month

### Question C2a: For $C1 > 0$ (costs specified)

Please indicate which costs you have taken into account in your estimate.

*Multiple answers possible*

- Monthly depreciation
- Monthly operating costs (fuel and engine oil)
- Monthly insurance and tax costs
- Monthly workshop costs
- Other, namely: TEXTFIELD
- don't know / no answer

### Question C2b: At least one reason given for C2a

For  $M = 1$

You have estimated that the total monthly cost of using your car is ANSWER C1 Euros

For  $M1 > 1$

You have estimated that the total monthly cost of using your primarily car (INSERT ANSWER FROM M7) is ANSWER C1 Euros.

For  $M1 = 0$

You have estimated that the total monthly cost of using a typical compact car is ANSWER C1 Euros.

Please indicate how much of these costs (in per cent) you have included in your estimate.

Answers from Question C2a as possible answers

- Monthly depreciation NUMFIELD %
- Monthly operating costs (fuel and engine oil) NUMFIELD %
- Monthly insurance and tax costs NUMFIELD %
- Monthly workshop costs NUMFIELD %
- Other NUMFIELD %
- Don't know

**Question C3:**

A relevant pollutant emitted by cars is CO<sub>2</sub>.

For M1 = 1

What is your estimate for the amount of CO<sub>2</sub> (in kg) your car emits per month based on your driving distance and driving behavior?

For reference: The electricity consumption of an average German 4-person household causes approximately 176 kg of CO<sub>2</sub> emissions per month.

For M1 > 1

What is your estimate for the amount of CO<sub>2</sub> (in kg) your primarily used car (ANSWER FROM M7 DISPLAYED) emits per month based on your driving distance and driving behavior?

For reference: The electricity consumption of an average German 4-person household causes approximately 176 kg of CO<sub>2</sub> emissions per month.

For M1 = 0

What is your estimate for the amount of CO<sub>2</sub> (in kg) emitted by a 9-year-old, typical compact car with a gasoline engine, with a monthly driving distance of 1,250 km (= 15,000 km per year)?

For reference: The electricity consumption of an average German 4-person household causes approximately 176 kg of CO<sub>2</sub> emissions per month.

NUMFIELD kg CO<sub>2</sub> per month

## C4 Experiment Willingness to pay for public transport

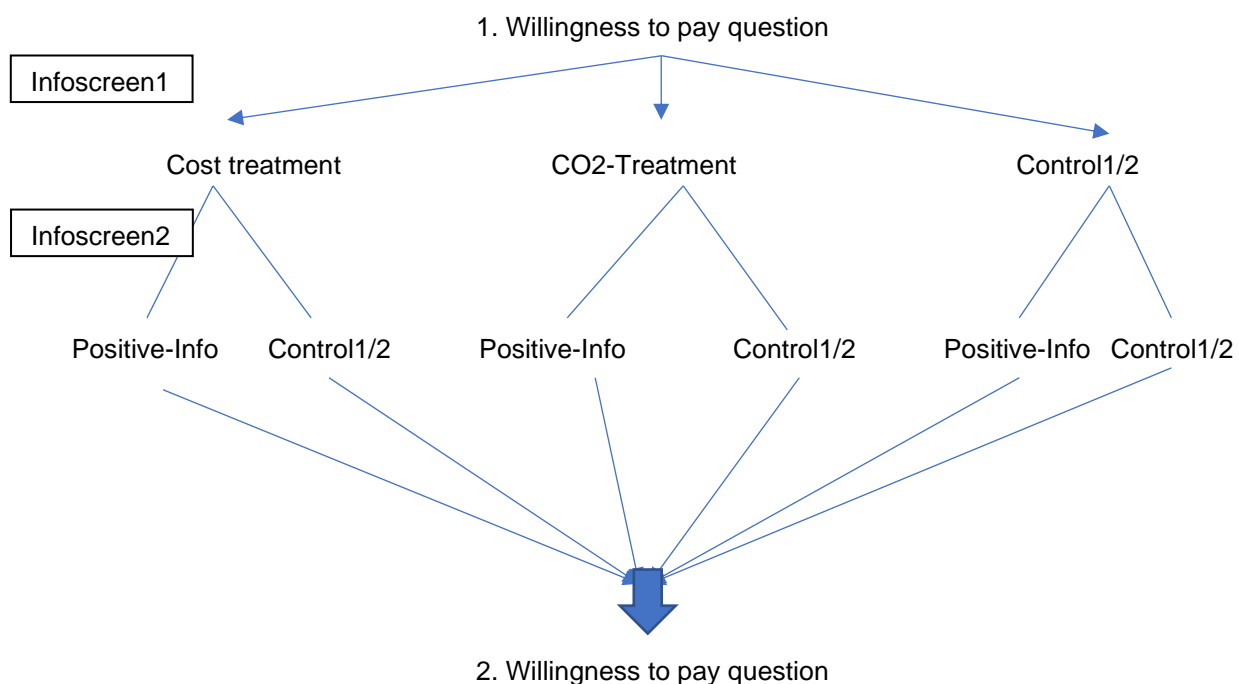
For the following experiment, the participants are first divided into 2 groups based on their place of residence (zip code). If the zip code can be matched with a zip code, the person is assigned to the **revealed WTP group**, if not to the **hypothetical WTP group**.

The **revealed WTP group** is the group of participants who live in one of the 10 selected transport associations (Verkehrsverbund). The **hypothetical-WTP group** is the remaining participants. The information that the groups receive is the same in each case; the only difference is that in the revealed WTP group, the willingness-to-pay query is collected via the auction.

All participants see two screens in succession: **Infoscreen1** and **Infoscreen2**. In Infoscreen1, participants are randomized to three different groups (cost treatment, CO2 treatment and control1/2). In Infoscreen2, the participants are randomized to two further groups (positive info and control1/2).

In addition, the order of Infoscreen1 (costs, CO2, control1/2) and Infoscreen2 (positive info and control1/2) should be randomized. In addition, one of the screens Control1 **or** Control2 is displayed randomly within the Control1/2 screen. In the event that Infoscreen1 and Infoscreen2 both display Control1/2 (bottom right in the diagram), the other information (Control1 or Control2) should be displayed on Infoscreen2 (no repetition of the same screen).

The following diagram provides an overview of the structure of the experiment (for both the **revealed WTP group** and the **hypothetical WTP group**):



The following table provides an overview of the screens that are displayed to the groups:

(The screens E\_Cost, E\_CO2, E\_Control1, as well as E\_Positive-Info and E\_Control1/2 are identical for the revealed and hypothetical experiment. For reasons of clarity, however, the revealed and hypothetical experiments are listed separately below).

The order of Screen 4 (Infoscreen1) and 5 (Infoscreen2) are randomized.

Screen	Experiment											
	Revealed WTP						Hypothetical WTP					
	Cost		CO2		Control1/2		Cost		CO2		Control1/2	
1	Screen E_R1						Screen E_H1					
2	Screen E_R2						Screen E_H2					
3	Screen E_R3						Screen E_H3					
4	Screen E_Cost		Screen E_CO2		Screen E_Control1/2		Screen E_Cost		Screen E_CO2		Screen E_Control1/2	
5	Screen E_Positive-Info	Screen E_Control1/2	Screen E_Positive-Info	Screen E_Control1/2	Screen E_Positive-Info	Screen E_Control1/2	Screen E_Positive-Info	Screen E_Control1/2	Screen E_Positive-Info	Screen E_Control1/2	Screen E_Positive-Info	Screen E_Control1/2
6	Screen E_R6						Screen E_H6					

rand\_r1 = Random number from 1-12 for revealed WTP group

Infoscreen 1:

1-4 = cost treatment

5-8 = CO2 treatment

9-10 = Control 1

11-12 = Control 2

Infoscreen 2:

1 + 3 + 5 + 7 + 9 + 11 = positive info

4 + 8 + 12 = Control 1

2 + 6 + 10 = Control 2

rand\_h1 = random number for 1-2 for hypothetical WTP-group analogous.

## Experiment Revealed Willingness to pay

Information on transport associations (Verkehrsbund) for programming only (details AAA, A1 and A2).

Association (AAA)	Price level (A1)	Price (A2)
VRR	D	185.30 €
VBB	VBB Overall network	201.50 €
HVV	ABCDE	212.80 €
MVV	16 Rings	225.60 €
VVS	7 and more zones	221.00 €
VBN	H	250.60 €
MDV	Network-wide	270.40 €
VMS	4	170.80 €
GVH	4 zones	109.50 €
AVV	4	179.90 €

### Screen E\_R1

This part of the survey is about public transportation in your region.

You live in the area covered by the AAA transport association. The network covers the following area:

[INSERTED MAP]

### Question C4\_1\_R:

With a Verkehrsverbund ticket, you can use all modes of local transport, such as buses, street-cars, subway trains and regional trains. Long-distance trains, such as IC and ICE, cannot be used with this ticket.

Please estimate: How much does a monthly ticket (without discounts for children, students, senior citizens, etc.) cost that allows you to travel throughout the entire area of the AAA transport association?

NUMFIELD Euro

**Question C4\_2\_R:** Only for M14\_01 = "Travel for work/school related trips" = "daily" or "three to four times a week" or "once or twice a week"

Does such a ticket cover your regular journey to work (or school/university)?

*Single choice*

- Yes
- No
- Don't know

### Screen E\_R3

BIDDING FOR A TICKET FROM THE AAA

In the following we are interested in what you are willing to pay for a monthly ticket. You now have the opportunity to bid for a monthly ticket in the AAA transport association at price level A1, which actually costs A2 euros per month.

This is a ticket that is issued to you and can be used in a month of your choice between August 2018 and August 2019.

With this monthly ticket, you can use all modes of local transport (buses, streetcars, regional trains, etc.) for one month throughout the entire AAA transport network.

The person with the highest bid receives the ticket. However, you only have to pay the amount of the second-highest bid.

If you win the bid, we will send you all the information about the ticket by e-mail. This notification will be sent as soon as the evaluation of the questionnaire has been completed.

**Question C4\_3\_R:**

Please enter your maximum bid for a monthly ticket for price level A1 in the AAA transport association.

What is the maximum amount you are willing to pay for this AAA monthly ticket? Please also indicate if your maximum bid is 0.

If you do not wish to participate in the auction, please indicate "don't know".

NUMFIELD Euro

- Don't know (do not want to participate in auctioning)

Please note that if you place a bid, you agree to actually purchase the ticket.

Information on car costs for programming only (details X1, X2, X3 and list price), filter by car class from question M3

<b>Class</b>	<b>Car</b>	<b>List price</b>	<b>Fixed costs (insurance/taxes) (X1)</b>	<b>Workshop costs (X2)</b>	<b>Operating costs per km per month (X3)</b>
<i>Subcompact / small car</i>	VW Polo	12975	77	42	0.0808
<i>Compact car</i>	VW Golf	19900	89	55	0.0824
<i>Mid-size car</i>	VW Passat	26750	106	59	0.0888
<i>Van</i>	VW Touran	23925	106	57	0.0912
<i>Upper-class</i>	Mercedes E-Class	43019	128	82	0.0984
<i>Luxury class</i>	Mercedes S-Class	92255	180	141	0.1048
<i>SUV</i>	VW Tiguan	26575	95	51	0.0992

Information on the calculation of the loss in value (WJ information based on the age of question M5)

Formula: (list price \* WJ)/12 = WM (depreciation per month in euros)

Age of car (years)	Total	WJ (Depreciation per year)
1	25%	25%
2	40%	15%
3	50%	10%
4	55%	5%
5	60%	5%
6	65%	5%
7	70%	5%
8	75%	5%
9	80%	5%
10	85%	5%
11	86%	1%
12	87%	1%
13	88%	1%
14	89%	1%
15	90%	1%
16+		0%

Order of screen E\_R4 (Infoscreen1) and E\_R5 (Infoscreen2) randomized:

Screen E\_R4 (Infoscreen1) -> A screen consisting of E\_Costs, E\_CO2 and E\_Control1/2 (randomized Control1 or Control2)

Screen E\_R5 (Infoscreen2) -> A screen consisting of E\_Positive-Info and E\_Control1/2 (randomized Control1 or Control2), if 2x control group the participants should not get the same control screen twice

If rand\_r1 = 1 or 2

### **Screen E\_Cost**

Filter cost data by M3 (car class) and M7 (main car used)

IF M1 > 0 (at least one car owned)

If M6 = missing/do not know: use 15,000 km as calculation

In the following we want to inform you about your monthly costs of driving. The calculations are based on ADAC estimates and take into account which car you mainly use and how often you use it.

M1 = 1

In total, your car costs you (INSERT ANSWER FROM M7) about (**WM+X1+X2+X3**) euros per month.

M1 > 1

The total cost of your main car (INSERT ANSWER FROM M7) is approximately **(WM+X1+X2+X3)** euros per month.

These costs are calculated as follows:

- Monthly depreciation: **WM=(list price \* WJ) / 12 euros**
- Monthly operating costs: **X3 \* (answer from M6) / 12 euros**
- Monthly costs due to insurance and taxes: **X1 euros**
- Monthly workshop costs: **X2 euros**

This results in total monthly costs for you of **WM + X3 + X1 + X2 = TOTAL euros**.

If M6 is not missing:

For your information: Your annual mileage of **answer M6** km is included in the calculation of operating costs for fuel, engine oil, etc. The age of your car is included in the calculation of depreciation.

If M6 = missing/"don't know":

For your information, an annual mileage of **15,000 km** is included in the calculation of operating costs for fuel, engine oil, etc. The age of your car is included in the calculation of depreciation.

IF M1 = 0 (no car owned) or IF M3 and/or M5 = Missing/"don't know"

In the following we would like to inform you about the monthly costs of driving a car. The calculations are based on ADAC estimates and refer to a 9 year old typical compact car, the most commonly used car class in Germany.

In total, a 9-year-old car will cost you around 330 euros per month. These costs are calculated as follows:

- Monthly depreciation: **83 euros**
- Monthly running costs: **103 euros**
- Monthly costs for insurance and taxes: **89 euros**
- Monthly workshop costs: **55 euros**

This results in total monthly costs of **83 + 103 + 89 + 55 = 330 euros**.

For your information: An annual mileage of 15,000 km is included in the calculation of operating costs for fuel, engine oil, etc. The age of the car is included in the calculation of depreciation.



Information on CO2 emissions for programming only (information Y1 and Y2), filters by car class (question M3) and car drive (question M4)

<b>Class</b>	<b>Car</b>	<b>Gasoline (Y1)</b>	<b>Diesel (Y2)</b>
<i>Subcompact / small car</i>	VW Polo	101	97
<i>Compact car</i>	VW Golf	108	102
<i>Mid-size car</i>	VW Passat	115	95
<i>Van</i>	VW Touran	125	110
<i>Upper-class</i>	Mercedes E-Class	132	102
<i>Luxury class</i>	Mercedes S-Class	150	134
<i>SUV</i>	VW Tiguan	132	123

## Screen E\_CO2

IF M1 > 0 & M4 = "Gasoline engine"

In the following we would like to inform you about the CO2 emissions of driving a car. The calculations are based on information from car manufacturers and take into account which car you own and how often you use it.

M1 = 1

In total, your car (INSERT ANSWER FROM M7) emits approximately  **$((\text{ANSWER M6})/12 * Y1 * (1+0.005*M5))$  kg of CO2** per month based on your monthly mileage.

M1 > 1

In total, your mainly used car (INSERT ANSWER FROM M7) emits about  **$((\text{ANSWER M6})/12 * Y1 * (1+0.005*M5))$  kg of CO2** per month during your monthly mileage.

These emissions are generated as follows:

- CO2 emissions per kilometer:  **$Y1 * (1+0.005*M5) = X$  grams of CO2 per kilometer**
- Your average monthly mileage:  **$(\text{ANSWER M6})/12 = Y$  km per month**
- We have assumed average driving behavior.

This results in total monthly emissions for you of  **$X \text{ grams} * Y \text{ km} = \text{approx. PRODUCT}/1000$  kg per month.**

To put this into perspective: The electricity consumption of an average German 4-person household causes approx. 176 kg of CO2 per month.

IF M1 > 0 & M4 = "Diesel"

In the following we would like to inform you about the CO2 emissions of driving a car. The calculations are based on information from car manufacturers and take into account which car you own and how often you use it.

M1 = 1

In total, your car (INSERT ANSWER FROM M7) emits approximately  **$((\text{ANSWER M6})/12 * Y2 * (1+0.005*M5))$  kg of CO2** per month based on your monthly mileage.

M1 > 1

In total, your mainly used car (INSERT ANSWER FROM M7) emits about  **$((\text{ANSWER M6})/12 * Y2 * (1+0.005*M5))$  kg of CO2** per month during your monthly mileage.

These emissions are generated as follows:

- CO2 emissions per kilometer:  **$Y2 * (1+0.005*M5) = X$  grams of CO2 per kilometer**
- Your average monthly mileage:  $(\text{ANSWER M6})/12 = Y$  km per month
- We have assumed average driving behavior.

This results in total monthly emissions for you of  **$X \text{ grams} * Y \text{ km} = \text{approx. PRODUCT}/1000$  kg per month.**

To put this into perspective: The electricity consumption of an average German 4-person household causes approx. 176 kg of CO2 per month.

IF M1 > 0 & M4 = "Hybrid"

In the following we would like to inform you about the CO2 emissions of driving a car. The calculations are based on information from car manufacturers and take into account which car you own and how often you use it.

M1 = 1

In total, your car (INSERT ANSWER FROM M7) emits approximately  **$((\text{ANSWER M6})/12 * 36 * (1+0.005*M5))$  kg of CO2** per month based on your monthly mileage.

M1 > 1

In total, the car you mainly use (INSERT ANSWER FROM M7) emits about  **$((\text{ANSWER M6})/12 * 36 * (1+0.005*M5))$  kg of CO2** per month during your monthly mileage.

These emissions are generated as follows:

- CO2 emissions per kilometer:  **$36 * (1 + (0.005*M5)) = X$  grams of CO2 per km**
- Your average monthly mileage:  $(\text{ANSWER M6})/12 = Y$  km per month
- We have assumed average driving behavior.

This results in total monthly emissions for you of  **$X \text{ grams} * Y \text{ km} = \text{approx. PRODUCT}/1000$  kg per month.**

To put this into perspective: The electricity consumption of an average German 4-person household causes approx. 176 kg of CO2 per month.

IF M1 > 0 & M4 = "electric motor"

In the following we would like to inform you about the CO2 emissions of driving a car. The calculations are based on information from car manufacturers and take into account which car you own and how often you use it.

M1 = 1

In total, your car (INSERT ANSWER FROM M7) emits **0 kg of CO2** per month for your monthly mileage (assuming that 100% of the electricity used to charge the battery is generated from renewable energy sources).

M1 > 1

In total, your mainly used car (INSERT ANSWER FROM M7) emits **0 kg of CO2** per month during your monthly mileage (assuming that 100% of the electricity used to charge the battery is generated from renewable energy sources).

These emissions are generated as follows:

- CO2 emissions per kilometer: **0 kg CO2 per km**

This results in total monthly emissions of **0 kg CO2 per month**.

To put this into perspective: the electricity consumption of an average German 4-person household generates approx. 176 kg of CO2 per month.

IF M1 = 0 (no car owned) or IF M3 and/or M4 and/or M5 = Missing/"don't know"

In the following we would like to inform you about the CO2 emissions of driving a car. The calculations are based on ADAC estimates and refer to a 9 year old typical compact car, the most commonly used car class in Germany.

Overall, a 9-year-old compact car with a gasoline engine emits around **140 kg of CO2** per month with an average monthly mileage of 1,250 km (this corresponds to 15,000 km per year). These emissions are generated as follows:

- CO2 emissions per kilometer: **112 grams of CO2**
- Average monthly mileage: **1,250 km**

This results in total monthly emissions of **112 grams of CO2 \* 1250 km = approx. 140 kg of CO2 per month**.

To put this into perspective: The electricity consumption of an average German 4-person household causes approx. 176 kg of CO2 per month.

## Screen E\_Control1

In the following, we would like to inform you about the development of traffic volumes in Germany. The data comes from the survey by the Federal Ministry of Transport and Digital Infrastructure: "Traffic in Figures 2017/18".

The volume of motorized traffic relates to public transport (trains, streetcars, buses, etc.) and private motorized transport (cars and motorcycles).

The average traffic volume in Germany has developed as follows:

- In 2000: **15,351 km per person transported**
- In 2010: **15,603 km per person transported**
- In 2016: **15,907 km per person transported**

Overall, the volume of traffic (i.e. including public transport and private motorized transport) in Germany has thus remained almost constant.

### Screen E\_Control2

In the following, we would like to inform you about the average age of all registered vehicles in Germany. The following information is based on data from the Federal Motor Transport Authority.

- The average age of passenger cars in 2017 was **9.3 years**
- The average age of motorcycles (motorcycles, scooters, etc.) was **17.1 years** in 2017
- The average age of trucks in 2017 was **7.9 years**

Overall, the average age of all registered vehicles in Germany in 2017 was **10.6 years**.

### Screen E\_Positive-Info

In the following, we would like to inform you about the frequently mentioned advantages of driving in Germany. This information is based on the "DAT Report 2016" study, which surveyed German drivers in 2015.

Respondents cite the following advantages of driving:

- **64% of respondents** state that they are dependent on a car for work
- **80% of respondents** state that a car means individual freedom for them
- **86% of respondents** state that they enjoy driving a car

In general, more than **90% of respondents** state that they consider it necessary to own a car.

### Screen E\_R6

#### Question C4\_4\_R:

You now have another opportunity to adjust your maximum bid for a monthly ticket for price level A1 in the AAA transport association. The bid you place here will then be taken into account in the auction.

As a reminder:

With this monthly ticket, you can use all means of local transportation (buses, streetcars, regional trains, etc.) for one month in the entire AAA transport association. You will be awarded the ticket if your bid is the highest and then pay the second-highest price.

What is the maximum amount you are willing to pay for this monthly AAA ticket? Please also indicate if your maximum bid is 0.

If you do not wish to participate in the auction, please enter "don't know".

NUMFIELD Euro

Note, if bid is higher than the actual price of the ticket

Alternative answer options

- Don't know (do not wish to participate in the auction)

Please note that you hereby agree to actually purchase the ticket at this price.

## Experiment Hypothetical willingness to pay

### Screen E\_H1

This part of the survey is about local public transport in your region.

The area of a transport association typically comprises several districts.

### Question C4\_1\_H:

With a Verkehrsverbund ticket, you can use all means of local public transport, such as buses, streetcars, subway trains and regional trains. You cannot use long-distance trains, such as IC and ICE, with this ticket.

Please estimate: How much does a monthly ticket (without discounts for children, students, senior citizens, etc.) cost that allows you to travel throughout the entire area covered by your transport association?

NUMFELD Euro

### Screen E\_H2

**Question C4\_2\_H:** Only for M14\_01 = "Travel for work/school"= "daily" or "three to four times a week" or "once or twice a week"

Does a ticket from your public transportation system cover your regular route to work (or school/university)?

*Single answer*

- Yes
- No
- Don't know

### Screen E\_H3

In the following, we are interested in what you would be prepared to pay for a monthly ticket for local public transport in your transport network. Assume that this is a ticket that is issued to you and can be used in a month of your choice between August 2018 and August 2019.

With this monthly ticket, you could use all means of local transport (buses, streetcars, regional trains, etc.) for one month in your entire transport association.

### Question C4\_3\_H:

Please indicate the maximum amount you would be willing to pay for a monthly ticket in your transport association.

What is the maximum amount you would be willing to pay for this monthly ticket? Please also indicate if your maximum willingness to pay is 0 euros.

If you do not wish to answer the question, please enter "don't know".

NUMFELD Euro

Alternative answer options

- don't know (don't want to answer the question)

Order of screen E\_H4 (Infoscreen1) and E\_H5 (Infoscreen2) randomized:

Screen E\_H4 (Infoscreen1) -> One of the following:

Screen E\_Cost (see above -> Revealed WTP Experiment)

Screen E\_CO2 (see above -> Revealed WTP Experiment)

Screen E\_Control1/2 (see above -> Revealed WTP Experiment)

Screen E\_H5 (Infoscreen2) -> One of the following:

Screen E\_Positive-Info (see above -> Revealed WTP Experiment)

Screen E\_Control1/2 (randomized Control1 or Control2, see above -> Revealed WTP Experiment)

### **Screen E\_H6**

#### **Question C4\_4\_H:**

You now have another opportunity to adjust your maximum willingness to pay for a monthly ticket.

As a reminder:

With the monthly ticket, you can use all means of local transportation (buses, streetcars, regional trains, etc.) for one month in your entire transportation network.

What is the maximum amount you are prepared to pay for this monthly ticket? Please also indicate if your maximum willingness to pay is 0 euros.

If you do not wish to answer this question, please enter "don't know".

NUMFELD Euro

Alternative answer options

- don't know (don't want to answer the question)

From here on again for all participants:

**Question C5:**

How often do you think you will use the following modes of transport in the next twelve months? Please use your current driving behaviour as a benchmark.

Mode of transport	Much less often than currently	Somewhat less often than currently	As often as currently	Somewhat more often than currently	Much more often than currently	Don't know/no answer
Private car	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Motorcycle/scooter	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Car sharing or hire/rental car	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public transport (bus, tram, regional trains, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bicycle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Train (long-distance transport)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Airplane	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Question C6\_1: For  $M1 > 0$**

For  $M1 = 1$

How likely is it that you will sell your car by spring 2019 without replacing it?

For  $M1 > 1$

How likely is it that you will sell one of your cars by spring 2019 without replacing it?

Very unlikely				Very likely	Don't know/no answer
1	2	3	4	5	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

**Question C6\_2: For  $M1 > 0$**

For  $M1 = 1$

How likely is it that you will sell your car within the next 5 years without replacing it?

For  $M1 > 1$

How likely is it that you will sell one of your cars within the next 5 years without replacing it?

Very unlikely				Very likely	Don't know/no answer
1	2	3	4	5	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

**Question C6\_3:**

For  $M1 > 0$

How likely is it that you to purchase an additional car by spring 2019?

For  $M1 = 0$

How likely is it that you to purchase a car by spring 2019?

Very unlikely				Very likely	Don't know/ no answer
1	2	3	4	5	
O	O	O	O	O	

**Question C6\_4:**

For  $M1 > 0$

And how likely is it that you will purchase an additional car within the next 5 years?

For  $M1 = 0$

And how likely is it that you will purchase a car within the next 5 years?

Very unlikely				Very likely	Don't know/ no answer
1	2	3	4	5	
O	O	O	O	O	

**Question C7\_1:**

The introduction of free public transport across the country is currently being discussed. Assuming local public transport were to become free, how would this change your travel behavior?

Would you then use public transport

*Single choice*

- much more frequently than at present
- rather more frequently than at present
- just as often as at present
- rather less frequently than at present
- much less frequently than at present
- don't know / no answer

**Question C7\_2:** IF C7\_1 = "much more frequently than at present" or "rather more frequently than at present"

How many **additional journeys per week** would you typically make on public transport if it became free?

Please estimate the number of **additional** journeys, i.e. journeys that go beyond your current use of public transport. Please count outward and return journeys separately.

NUMFIELD journeys

- don't know



**Question C7\_3:** IF C7\_1 = “much less frequently than at present” or “rather less frequently than at present”

How many **fewer journeys per week** would you typically make on public transport if it became free?

Please estimate the number of journeys you would **no longer** make based on your current use of public transport. Please count outward and return journeys separately.

NUMFIELD journeys

- don't know

**Question C8:**

In the following, we would like to ask you about your views on a number of political issues.

Please imagine that you could decide how government spending (federal, state and local) should be allocated to different areas of expenditure. Please indicate the proportion (in percent) that you think should be allocated to each of the following areas of expenditure:

*In total, the shares should add up to 100%.*

- a. Internal security: %.
- b. Education: %.
- c. Environment: %.
- d. Health: %.
- e. Transport: %.
- f. Other areas: %
- g. Don't know.

**Question C9:**

And now please imagine that you could decide how federal, state and local government spending and investment in the transport sector should be allocated to different sub-sectors.

Please indicate the proportion (in percent) that you think should be allocated to each of the following areas:

*In total, the shares should add up to 100%.*

- a. Road construction in cities: %.
- b. Road construction outside urban areas (highways and rural roads): %.
- c. Cycle paths: %.
- d. Long-distance rail transport (trains): %.
- e. Local transport (buses, streetcars, etc.): %.
- f. Other areas: %.
- g. Don't know.

**Question C10:**

Various policies are currently being discussed in Germany. Please indicate to what extent you personally oppose or support the following measures.

*Display in randomized order*

Policy	Strongly reject	Rather reject	Neither agree nor reject	Rather agree	Strongly agree	Don't know/no answer
Higher costs for parking in city centers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Expansion of Infrastructure for electromobility	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Car-free city centers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The implementation of diesel driving bans in cities where particulate matter/pollutant limits are exceeded	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Increase in taxation on diesel consumption	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Expansion of cycle paths, if necessary at the expense of car parking spaces	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Designation of reserved lanes for buses and trains on congested roads	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ban on new registrations of vehicles with combustion engines from 2035	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Free use of public transport	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Question C11:**

Now we would like to know your opinion on the following new mobility concepts and vehicle types:

*Display in randomized order*

Mobility concepts	Very negative	Rather negative	Neither positive nor negative	Rather positive	Very positive	Don't know / not familiar with it
Electric cars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
E-Bikes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Carsharing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bikesharing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Autonomous vehicles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**Question C12:**

And which of these mobility concepts can you imagine using regularly in the future?

*Multiple choice, randomized*

- Electric cars
- E-Bikes
- Carsharing
- Bikesharing
- Autonomous vehicles
- None of them
- don't know / no answer

**Question C13:**

How concerned are you about the following aspects in the future...

Note: Please use the scale from 1 to 7. A score of 1 means that you are not concerned at all about a particular issue, while a score of 7 means that you are very concerned. You can use the values in between to express your judgment.

FOR THE FOLLOWING CATEGORIES

*in random order*

- a) ... insufficient investment in road construction and maintenance?
- b) ... car usage becoming unaffordable?
- c) ... traffic congestion bringing car traffic in city centers to a standstill?
- d) ... the global supply of fossil fuels (especially oil) will soon run out?
- e) ... air pollution in cities worsening due to car traffic?
- f) ... commuting taking up more and more time?
- g) ... traffic congestion bringing public transport in city centers to a standstill?
- h) ... insufficient investment in environmentally friendly alternatives to cars (public transportation and bicycles)?
- i) ... insufficient investment in alternative drive systems for cars (e.g., electromobility)?

Not at all concerned						Very concerned	Don't know / no answer
1	2	3	4	5	6	7	
0	0	0	0	0	0	0	

## S. Socio-economic characteristics

Please now answer some questions about yourself. Your data will be treated absolutely confidentially in accordance with data protection regulations.

### Question S0:

Where were you born? Please indicate the current federal state, even if it did not exist at the time of your birth.

*Single choice*

- Baden-Württemberg
- Bavaria
- Berlin
- Brandenburg
- Bremen
- Hamburg
- Hesse
- Mecklenburg-Vorpommern
- Lower Saxony
- North Rhine-Westphalia
- Rhineland-Palatinate
- Saarland
- Saxony
- Saxony-Anhalt
- Schleswig-Holstein
- Thuringia
- I was born abroad
- no answer

### Question S1:

How many people, including adults and children, currently live permanently in your household?

- \_\_\_\_\_
- no answer

### Question S2: IF S1 > 1:

How many children under 14 years old live in your household?

- \_\_\_\_\_
- no answer

### Question S3:

How many own children do you have? (Regardless of whether they live with you or not.)

- \_\_\_\_\_
- no answer

**Question S4:** If  $S3 > 0$ :

Do you have grandchildren?

- yes
- no
- no answer

**Question S5:**

Do you have a general education school-leaving certificate?

- yes
- no
- not yet
- no answer

**Question S6:** IF  $S5 = \text{"Yes"}$ :

What is your highest general education school-leaving certificate?

Note: Please assign qualifications obtained abroad to an equivalent German qualification.

- Graduation after a maximum of 7 years of school attendance (especially qualifications obtained abroad)
- Hauptschule/elementary school certificate
- Secondary school leaving certificate (intermediate school leaving certificate), polytechnic secondary school leaving certificate or equivalent qualification
- Entrance qualification for universities of applied sciences
- General or subject-restricted higher education entrance qualification (Abitur)
- No answer

**Question S7:**

Do you have a professional training or (technical) university degree?

- yes
- no
- not yet
- no answer

**Question S8:** IF  $S7 = \text{"YES"}$ :

What is your highest professional training or (technical) university degree?

- Apprenticeship or vocational internship of at least 12 months
- Vocational preparation year
- Apprenticeship, vocational training in the dual system
- Preparatory service for the intermediate civil service in public administration

- Vocational qualification from a vocational school/college, graduation from a 1-year school in the healthcare sector
- 2 or 3-year school in the healthcare sector (e.g. nursing, PTA, MTA)
- Vocational school qualification (master craftsman/-woman, technician or equivalent qualification)
- Vocational academy, specialised academy
- Degree from a university of applied sciences
- Degree from a university of applied sciences, also engineering degree
- Degree from a university, university of applied sciences, art college
- Doctorate/PhD
- No answer

**Question S9:**

What applies predominantly to you? Please provide only one answer.

- I am employed (including trainees, persons on parental leave, or partial retirement).
- I perform voluntary military service/federal voluntary service.
- I am a pupil.
- I am a student.
- I am a pensioner or retiree.
- I live from income from capital assets, renting, or leasing.
- I receive maintenance/benefits from my spouse, partner, parents, relatives, or other individuals, including non-household members.
- I am a homemaker or caretaker for children and/or persons in need for care.
- I receive unemployment benefit I.
- I receive unemployment benefit II or social benefits (benefits under Hartz IV).
- I receive social assistance or basic income support in old age and in the event of reduced earning capacity.
- none of these options (e.g., permanently unable to work)
- no answer

IF MALE AND IF NOT VOLUNTARY MILITARY SERVICE/NATIONAL VOLUNTARY SERVICE

**Question S9b:**

Have you completed military service or civilian service?

- I completed military service.
- I completed civilian service.
- Neither of them
- No answer

**Question S10:** IF S9 = "employed or working" (so IF S9 = 1)

Employment includes any paid or income-related activity, regardless of its duration. Are you...

- Full-time employed

- Part-time employed, with at least 20 hours per week
- Part-time or hourly employed with less than 20 hours per week
- No answer

**Question S11:** IF S9 = "employed or working"

What is your occupation?

Note: In the case of multiple activities, refer to the activity with the highest weekly hours (if the hours are identical, choose the activity you have been engaged in longer). In case of interruption of the activity (e.g., due to parental leave, partial retirement), refer to the interrupted activity.

- Employee
- Worker, home worker
- Apprentice
- Self-employed without employees (including freelancers, person with contracts for work)
- Self-employed with employees
- Contributing family member (unpaid activity)
- Civil servant, judge, civil service employee
- Temporary soldier, professional soldier
- Basic military service/ civilian service
- Part-time worker, 1-euro jobber
- other
- no answer

**Question S12:**

What is the monthly net income of your household in total? This refers to the sum resulting from wages, salary, income from self-employment, pension, or retirement, each after deduction of taxes and social security contributions. Please also include public grants, rental income, housing allowance, child benefit, and other income.

- under 700 euros
- 700 to 1,200 euros
- 1,200 to under 1,700 euros
- 1,700 to under 2,200 euros
- 2,200 to under 2,700 euros
- 2,700 to under 3,200 euros
- 3,200 to under 3,700 euros
- 3,700 to under 4,200 euros
- 4,200 to under 4,700 euros
- 4,700 to under 5,200 euros
- 5,200 to under 5,700 euros
- 5,700 euros and more
- no answer



**Question S14:**

Are you a member of a group or organization dedicated to the preservation and protection of the environment and nature?

- yes
- no
- don't know / no answer

**Question S15:**

Many people lean towards a specific party for a long time, although they occasionally vote for another party. How about you: Do you generally favor a specific party?

- yes
- no
- don't know / no answer

**Question S16: IF S15 = "Yes"**

And which party is that?

- CDU / CSU
- SPD
- FDP
- Bündnis 90 / Die Grünen
- Die Linke
- AfD
- Piratenpartei
- NPD
- Another party
- No answer

**OPEN QUESTION ABOUT PROBLEMS WITH THE QUESTIONNAIRE****Question Op1:**

Now we are interested in your assessment of the questionnaire. Did you have difficulties answering the questions at certain points (e.g., because the question was unclear or did not fit your situation), or did other problems arise? Please describe this briefly if applicable.

TEXTFIELD

**OPEN QUESTION ABOUT EXPERIMENT****Question Op2: Only if participation at the auction**

You had the opportunity to take part in an auction as part of the survey. What did you think? If applicable, please briefly explain why you thought it was good or not good.

TEXTFIELD

## ONLY RESPONDENTS WHO ANSWERED "YES" TO MOD1

As announced, in addition to the survey with forsa.omninet, a smartphone-supported survey is planned by our partner InnoZ (Infobutton InnoZ), to which we would like to cordially invite you.

With the help of the smartphone-supported survey method modalyzer (Infobutton: modalyzer), the mobility behavior of the population, i.e. the extent and type of use of different means of transport, is to be examined more closely. This should help to improve existing mobility offers or develop alternative offers. Respondents who are willing to be tracked by smartphone must install an app (info button: modalyzer app) on their smartphone so that their movement data can be recorded for a period of three months. In order to obtain as comprehensive a picture as possible of the participants' mobility behavior, the data from the survey with forsa.omninet will be linked with the results from the smartphone-based survey.

The study is used exclusively for scientific purposes. The study is of course subject to data protection (info button: modalyzer data protection), and all information and data collected will be treated confidentially. As a thank you for your support, all panel participants who continuously take part in the three-month smartphone tracking via modalyzer will receive bonus points worth a total of 60 euros.

### **Mod2:**

Are you in general willing to participate in smartphone tracking by InnoZ (Info button InnoZ)?

- Yes
- No
- Don't know

### IF MOD2 = "YES"

The procedure of the smartphone-based survey, to which we would like to invite you, is as follows:

#### (1) Responsible institute

InnoZ is responsible for carrying out the smartphone tracking (Info button InnoZ).

#### (2) Registration

You can register for smartphone tracking directly after the survey on the InnoZ website. To do this, simply click on the link that we will provide you with shortly. At the same time, you will receive an email from us with an invitation to smartphone tracking and the same link that will take you directly to registration. Please note that the number of participants in the smartphone tracking is limited. Once the maximum number of possible participants has been reached, registration is no longer possible.

#### (3) Duration

Smartphone tracking lasts three months.

#### (4) Bonus points

If you participate continuously in the three-month smartphone tracking, you will receive bonus points worth a total of 60 euros. As the use of the results depends on the duration of participation, the following breakdown is provided:

- after one month of participation: bonus points worth 10 euros
- after two months of participation: bonus points worth 20 euros

- after three months of participation: bonus points worth 30 euros
- (5) Support with questions and problems
- XXXX

**Mod3:**

Would you like to take part in the smartphone tracking?

- Yes
- No
- Don't know

IF MOD3 = "Yes"

We appreciate your interest and would like to thank you for your willingness to participate.

The following link will take you directly to the registration form. (X)

Additional information provided:

- Age
- Gender