Codebook

Corona-Survey

Date: August 18, 2020

Authors: Mareike Bünning, Lena Hipp, Stefan Munnes, Piotr Wójcik

Contents

General information 2

Data acquisition and presentation 2

Glossary 3

Missing values 4

Flowchart information 4

Flowchart: survey structure and filtering in wave 1 5

Flowchart: survey structure and filtering in wave 2 6

Flowchart: survey structure and filtering in wave 3 7

Variable overview 8

Variable descriptions 10

Structural and system data 10

Group 2: Recruitment channel 12

Group 3: Demographic and employment characteristics 13

Group 4: Work characteristics 16

Group 5: Family 24

Group 6: Satisfaction and worries 32

Group 7: Demographic information 34

Group 8: Partner 38

Group 9: Financial Situation 42

Group 10: Emotional and physical strain 43

Group 11: Follow-up survey 45

General information

Data acquisition

With the survey, we aimed to gain insights on individuals' everyday experiences during the COVID-19 lockdown period in Germany, in particular in the areas of work, family life and subjective well-being. The target population was people living in Germany aged 18 and above.

The survey was created and carried out using the free online survey application LimeSurvey. The exported results were processed using Stata statistical software. The exact steps of the coding procedure can be found in the published Stata scripts (do-files).

The survey ran in three waves. Wave 1 had to be divided into two versions due to changes in the questionnaire, with the first (wave 1.1) running from 23.03.2020 to 05.04.2020 and the second (wave 1.2) running from 06.04.2020 to 10.05.2020. Wave 2 ran between 20.04.2020 and 14.06.2020. Wave 3 ran between 03.06.2020 and 02.08.2020. It is important to consider the wave and version information in the codebook (provided in square brackets), as some questions (or wording of questions) varied between waves and versions of the waves. 'Wave 1' refers to both wave 1.1 and 1.2 which is indicated by the variable *version*.

Respondents were recruited via email lists, newspaper announcements, and in-stant message service. Anyone who learned about the survey through one of these channels could participate in wave 1. Only the respondents that took part in wave 1 could participate in waves 2 and 3. For repeated participation in the panel, the participants were contacted via their specified preferred communication medium (*media*: E-Mail, SMS, Twitter, others). The invitations to the next wave were sent out in stages. There had to be at least four weeks between the last participation and the invitation for the next wave. With a few exceptions at the beginning, a maximum of four invitations were sent out per wave. Depending on the day of the week, there were 2 to 3 days between the individual invitations.

A total of 18,928 people participated in wave 1. 254 of them said they lived abroad and were therefore not part of the target population. 13,655 of them completed the first survey, 10,168 agreed to be contacted for a next wave and 9,964 gave valid contact information. 9,492 persons were contacted by e-mail, 408 by SMS, 51 by Twitter and 13 by other channels. 8,059 people participated in wave 2, and 6,801 people participated in wave 3. All participants with valid contact information were invited to wave 3 again, also if they had not participated in wave 2. Only adults living in Germany who have agreed to the data protection regulations, have reached at least the second question group and have participated for at least 1.5 minutes were part of the final data set.

We were able to identify some repeated participations by duplicate contact information or a self-entered ID of a partner study. If gender and age matched among these duplicates, only the first observation was retained after any missing values were transferred. If gender and age did not match, we assumed that two different people used the same contact address, and used the information on gender and age to correctly match data entries to personal ids across waves.

Cross-sectional sample weights have been constructed for each wave of this survey. The weights adjust for the differences between the sample distributions in our survey and the known population distributions (taken from Mikrozensus 2019) with

respect to gender, age, education, employment status, family situation and federal state. Missing values were imputed. We would like to thank Matthias Sand of GESIS for constructing the weights.

Data presentation

System variables, or automatically-generated information, such as the day and the duration of the survey or panel characteristics and weights, are presented in addition to ***content-related variables***, which contain input from the respondents. These are supplemented by a number of ***derived variables***, which are displayed in the codebook in without a question numbering, lighter color and, in the variable description, contain the code used to create the variable.

The content-related variables are presented in the same order in which they appeared in the survey. The question groups are numbered in the way they were originally numbered in the first wave of the survey. Question group 1 is not listed, since it only contained the data protection declaration and a question regarding consent to the survey, which was a prerequisite for participation.

The derived variables follow the corresponding content-related variables they were derived from.

The information regarding question filters is given for each variable that is affected by them, and it is also shown schematically in flowcharts for a better overview.

The answers to the open questions were assigned to an appropriate category using pattern recognition. The exact coding procedure for the pattern recognition can be found in the corresponding do-files. The original content of the open-question entries, however, is not provided in the publicly available dataset due to data protection reasons.

The survey was conducted in German. The original wording of the questions, hints, and answers for each content-related variable are all presented in square brackets directly under/next to the translated English version/shortened English labels.

Glossary

Question type: Single answer, multiple answer, question set, or open question

Question text: The original question text displayed in the survey. The specific text may vary depending on the question filter.

Hint: Additional text that was displayed in the survey.

Filter: Condition under which the question was displayed.

Value range: The range of actual values for the variable, rather than the range of all possible values.

Note: Information on any changes to the question, answer text, excluded categories, or any existing inconsistencies between the waves.

Coding: Basic outline of the variable generation procedure for derived variables. The exact coding is given in the do-file.

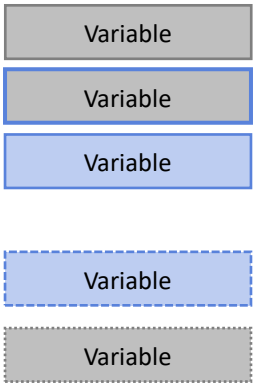
Missing values

Except of some plain missings for a few system variables, there are six different types of missing values, which have been coded in the following manner:

Value	Meaning
.a	Abandoned (the respondent abandoned the survey before answering this question)
.b	Does not apply (filtered out)
.c	No answer (item nonresponse)
.d	Implausible (recoded retrospectively)
.e	Other (values of the other category that could not be assigned)
.f	Panel restriction (question wasn't shown in this wave (again))

Flowchart information

Flowcharts that describe the survey structure for each wave and the filtering procedure are presented in the next three sections of the survey. The following legend applies to the flowcharts:



Grey items were shown to every participant.

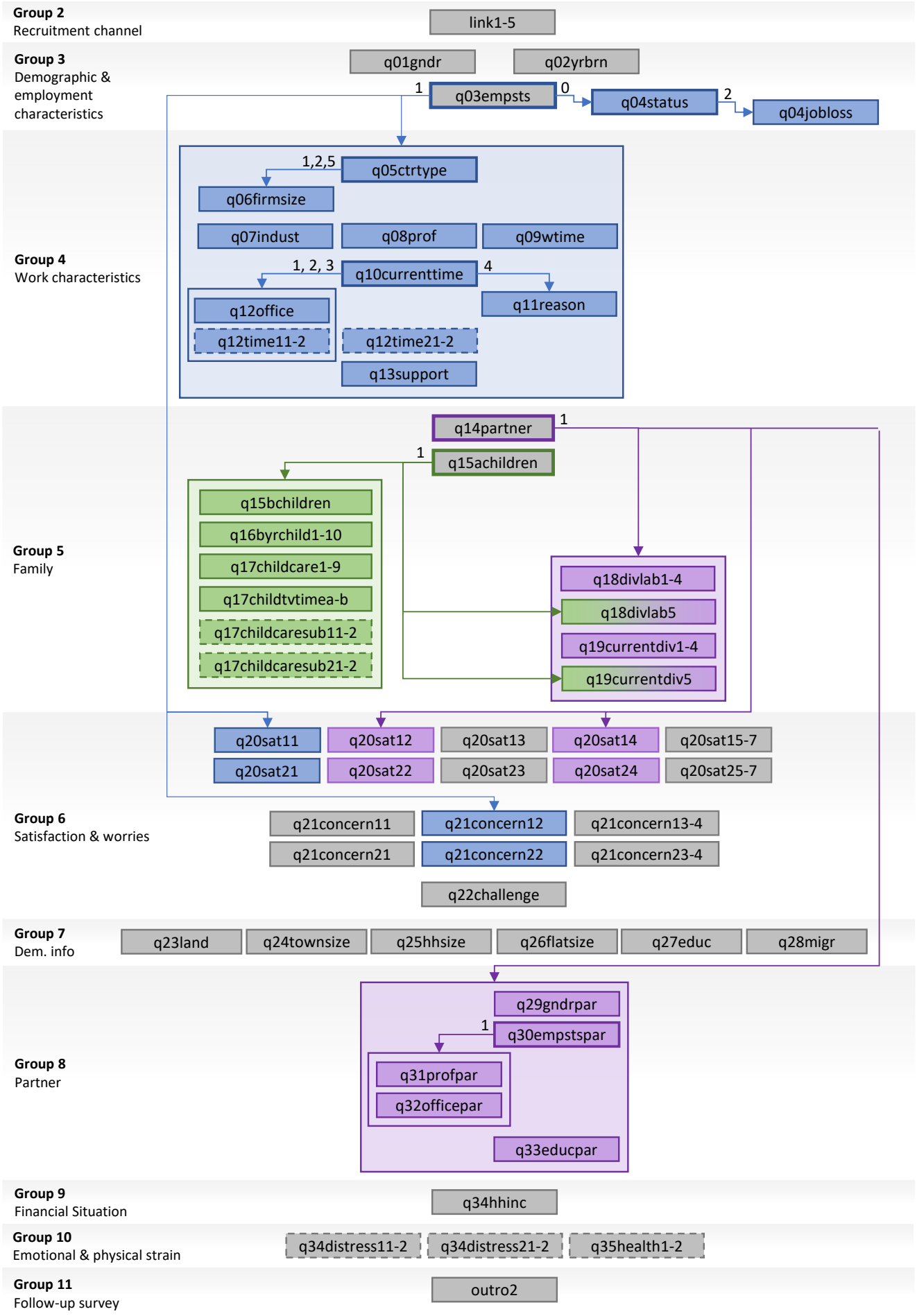
Items with bold borders mark filter questions in the colour of thematic question group.

Colours show from which primary filter question these questions originate. Only participants that answered the primary filter question as shown by the numbers on the arrows got to see those questions. Two colors mean that both primary filter variables had to apply.

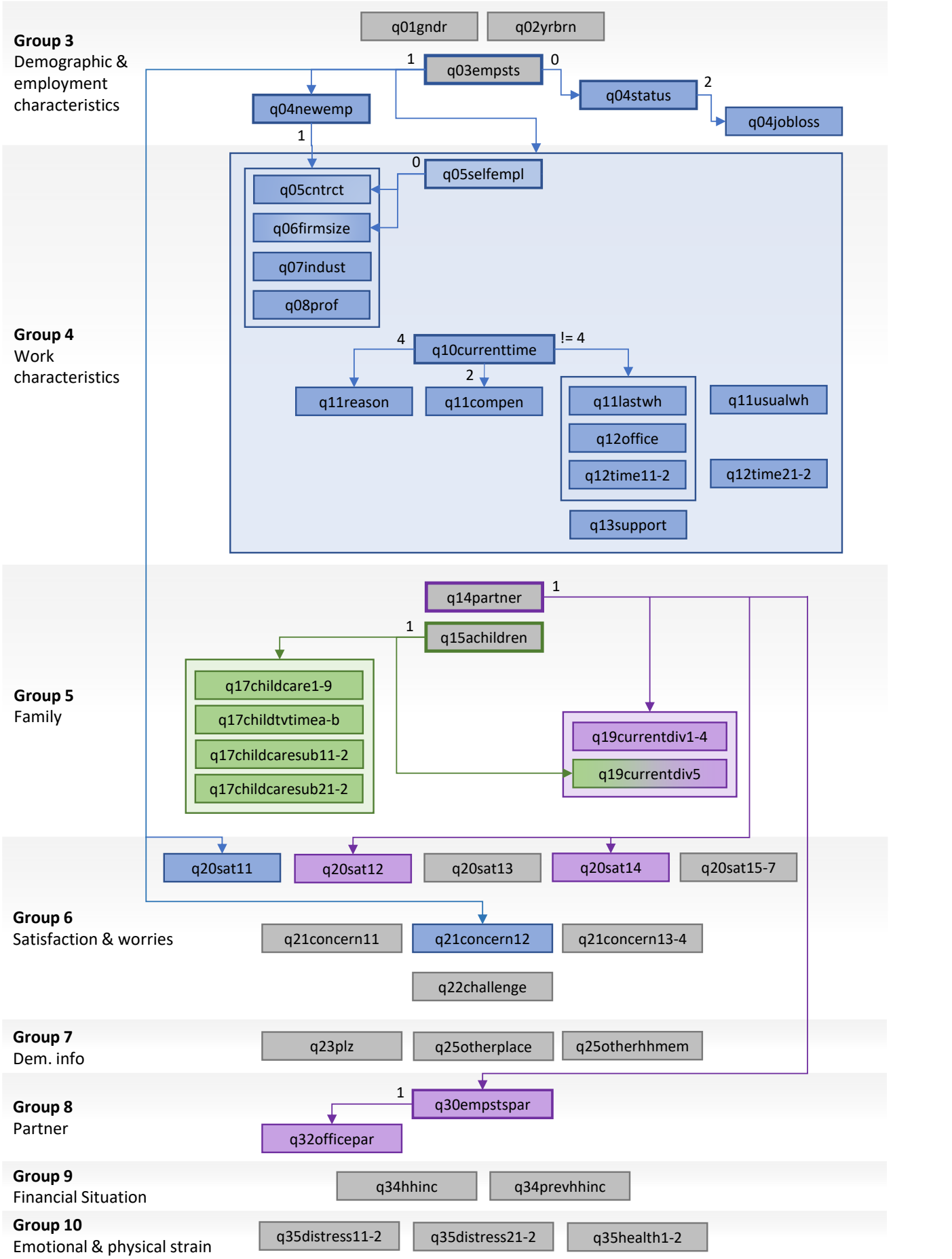
Border with dashed line represent questions that were only asked in the second version of wave 1.

Border with dotted line represent questions in wave 3 that were only asked if participations were not part of wave 2.

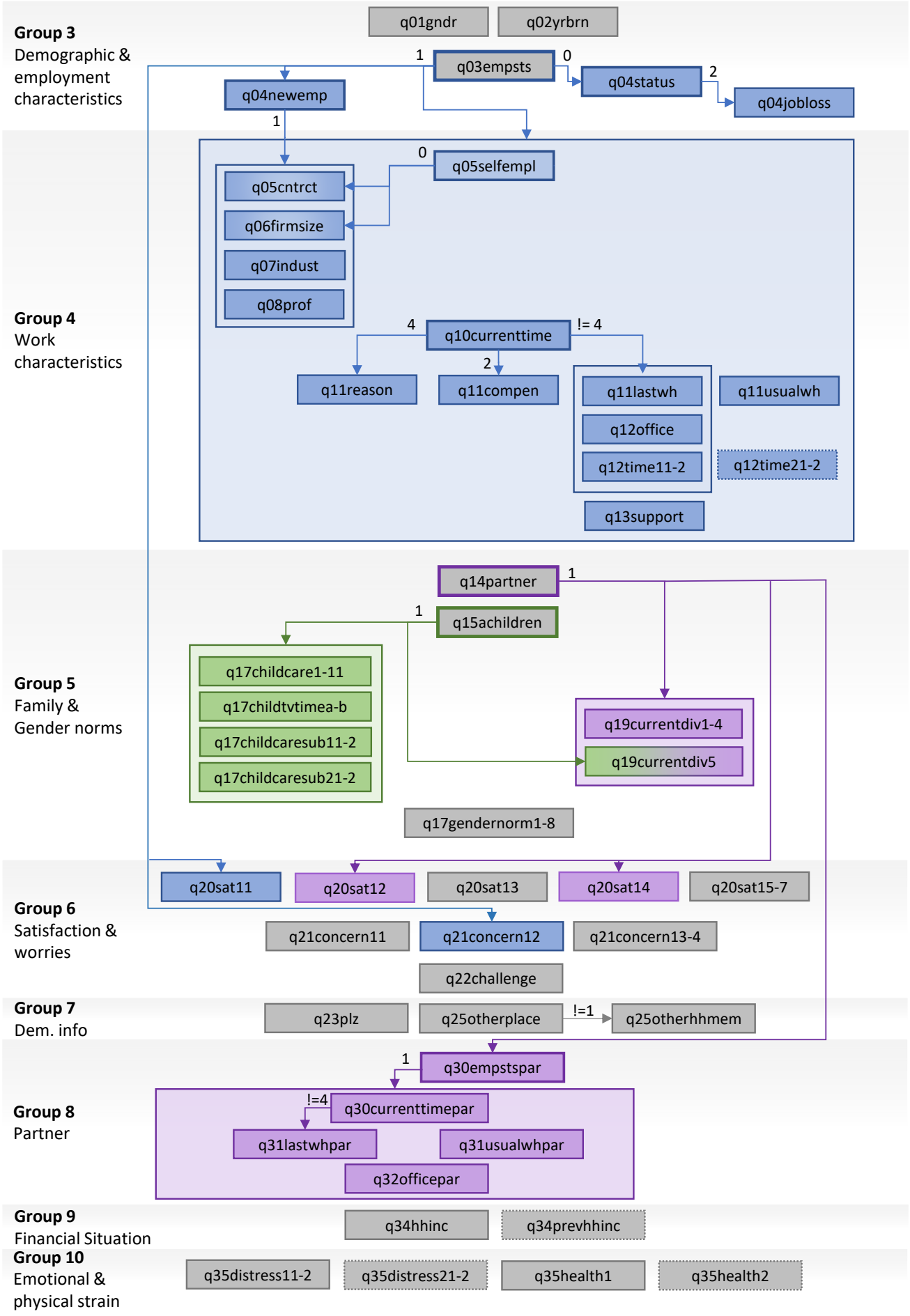
Flowchart: survey structure and filtering in wave 1



Flowchart: survey structure and filtering in wave 2



Flowchart: survey structure and filtering in wave 3



Variable overview: Questionnaire over Waves

Legend:

X – question asked in the given wave

O – the respondents' answers copied over from the other wave(s)

Variable	Label	Flag	W1	W2	W3
link1-5	Receipt of survey link		X	O	O
q01gndr	Gender	*	X	X	X
q02yrbrn[1]	Year of birth	*	X	X	X
q03empsts	Employment		X	X	X
q04status	Reason for not being employed		X	X	X
q04bjobloss	Recent job loss		X	X	X
q04newemp	New job			X	X
q05ctrtype	Type of contract		X	O	O
q05selfempl	Self-employed			X	X
q05cntrct	Type of contract			X	X
q06firmsize	Firm size		X	OX[2]	OX[2]
q07indust	Sector		X	OX[2]	OX[2]
q08prof	Key/essential service worker		X	OX[2]	OX[2]
q09wtime	Before pandemic: usual working hours		X	O	O
q10currenttime	Working hours now relative to before		X	X	X
q11reason	Reason for currently not working		X	X	X
q11lastwh	Current: working hours			X	X
q11usualwh	Before pandemic: usual working hours			X	X
q11compen	Receiving financial support			X	X
q12office	Current place of work		X	X	X
q12time11-2	Current: evening/night shifts		X[3]	X	X
q12time21-2	Before: evening/night shifts		OX[3]	OX	OX[4]
q13support	Perceived employer/client support		X	X	X
q14partner	Relationship status		X	X	X
q15achildren	Children in household	*	X	X	X
q15bchildren	Number of underage children in household		X	O[5]	O[5]
q16byrchild1-10	Year of birth of the 1-10th Child		X	O[5]	O[5]
q17childcare1-9	Childcare arrangement		X	X	X
q17childcare10-11	Childcare arrangement				X
q17childtvtimea	Children's current screen time		X	X	X
q17childtvtimeb	Children's usual screen time		X	O	O
q17childcaresub11-2	Current: exhausted because of childcare / trapped by parental responsibilities		X[3]	X	X
q17childcaresub21-2	Before: exhausted because of childcare / trapped by parental responsibilities		X[3]	X	X
q17gendernorm1-8	Gender norms		O	O	X

q18divlab1-5	Usual distribution of household work		X	O	O
q19currentdiv1-5	Current distribution of household work		X	X	X
q20sat11-7	Current satisfaction		X	X	X
q20sat21-7	Prior satisfaction		X	O	O
q21concern11-4	Current concerns		X	X	X
q21concern21-4	Prior concerns		X	O	O
q22challenge[1]	Current greatest challenge		X	X	X
q23land	Federal state		X	O	O
q23plz	Postcode	*	O[6]	X	X
q24townsize	Size of place of residence		X	O	O
q25hhsize	Size of household		X	O[7]	O[7]
q25otherplace	Different place of residence			X	X
q25otherhhmem	Additional people in household			X	X
q26flatsize	Number of rooms		X	O	O
q27educ	Highest completed level of education		X	O	O
q28migr	Migration background		X	O	O
q29gndrpar	Partner: gender		X	O[8]	O[8]
q30empstspar	Partner: employment		X	X	X
q30currenttimepar	Partner: working hours now relative to before				X
q31usualwhpar	Partner: usual working hours		O[8]	O[9]	X
q31lastwhpar	Partner: current working hours				X
q31profpar	Partner: essential/key service worker		X	O[9]	O[9]
q32officepar	Partner: current place of work		X	X	X
q33educpar	Partner: Highest completed level of education		X	O[8]	O[8]
q34hhinc	Rating household income		X	X	X
q34prevhhinc	Before: rating household income		O	X	X[4]
q35distress11	Current: anxious, nervous, restless		X[3]	X	X
q35distress12	Current: depressed, hopeless, strained		X[3]	X	X
q35distress21	Before: anxious, nervous, restless		X[3]	X	X[4]
q35distress22	Before: depressed, hopeless, strained		X[3]	X	X[4]
q35health1	Current: physical health		X[3]	X	X
q35health2	Before: physical health		X[3]	X	X[3]
outro2	Follow-up survey		X		

[1] This variable is not available in the publicly-available dataset due to data protection reasons.

[2] Asked if the respondent reported that they have a new job; otherwise, the answers were copied over from wave 1.

[3] Only in Version 2 of wave 1.

[4] Question asked only if the responded didn't participate in wave 2; otherwise, the answers were copied over from wave 2.

[5] Only copied to wave 2 and 3 over if there is no inconsistency in q16achildren between the waves.

[6] Only copied to wave 1 if wave 2 and 3 are consistent.

[7] Only copied to wave 2 and 3 over if no new household members were specified.

[8, 9] Only copied to waves 2 and 3 over if the respondent indicated that they still have a (9 = working) partner.

Variable descriptions

Structural and system data

id — Personal ID (automatic) [Waves 1, 2, 3]

Coding: automatic

wave — Number of wave [Waves 1, 2, 3]

Note: Wave of the survey for which the response was recorded.

version — Survey version [Waves 1, 2, 3]

Note: Version of the survey for which the response was recorded.

interviewtime — Duration (in minutes) [Waves 1, 2, 3]

Format: numeric

surveyday — Day of participation [Waves 1, 2, 3]

Format: DD.MM.YYYY

lastgroup — Last completed group of questions [Waves 1, 2, 3]

Value range: 2 – 11

media — Media of contact [Waves 1, 2, 3]

Coding: Refers to the variable outro2 and the specified and working contact media for panel invitation.

Value	Label
1	E-mail
2	Mobile phone
3	Twitter
4	Other

invited — Day of invitation [Wave 2, 3]

Format: numeric daily date

reminded — Last reminder [Wave 2, 3]

Format: numeric daily date

remindercount — Number of reminders [Wave 2, 3]

Value range 0 – 6

panel — Panel participation — [Waves 1, 2, 3]

Coding: Dummyvariable if the respondent participated in at least two waves

panel_count — Number of participations — [Waves 1, 2, 3]

Coding: Corresponds to the number of waves the respondent participated in.

panel_typ — Panel allocation — [Waves 1, 2, 3]

Value	Label
1	Wave 1
2	Wave 1, 2
3	Wave 1, 2 & 3
4	Wave 1 & 3

weight — [Waves 1, 2, 3]

Note: Cross-sectional sample weights calculated for each wave according to the raking algorithm of Stephan and Demming. They were calculated on the base of gender, age, federal state, education, family and household situation, and employment status. See the provided syntax files for exact calculation.

weight_trim — [Waves 1, 2, 3]

Note: Due to the strong variation of the original weights, they were trimmed to the .95-percentile, with the same sum.

*flag — [Waves 1, 2, 3]

Note: Inconsistencies in time invariant variables are flagged when the values differ between the waves. For detailed information see the doFile 04_cr_panel_data.do.

Variable	Inconsistency
q01gndr_flag	gender differs between the waves
q02yrbrn_flag	birthyear differs between the waves
q15achildren_flag	Information about having children differs between the waves
q23plz_flag	PLZ with two digits differs between two waves
empl_flag	selfempl differs between waves with no new job & selfempl and permempl impossible simultaneously

Group 2: Recruitment channel [Wave 1]

link1-5 Receipt of survey link [Wave 1]

Question type: Multiple answer

Question text: First, before we get started: how did you get the link to this ***survey***?
[*Bevor es richtig losgeht als erste Frage: Wie haben Sie den Link zur* ***Befragung*** *erhalten?*]

Note: The categories "Twitter" and "Facebook" have been combined. It was possible to select an 'other' option and give an open answer to this question; in the cases where the open answer matched one of the predefined variables, the observation was recoded and added to the appropriate variable.

For waves 2 and 3, the respondents' answers were copied over from wave 1.

Variable	Label	
link1	(E-Mail) from a family member/acquaintance	[*(E-Mail) von einem/r Bekannten*]
link2	Mailing list	[*Email über einen Verteiler*]
link3	Instant messenger (e.g. WhatsApp)	[*WhatsApp (oder ähnliches)*]
link4	Social media platforms (e.g. Twitter/Facebook)	[*Twitter/Facebook*]
link5	(Digital) media (e.g. radio, newspaper)	[*Onlinezeitung, Radio*]

Group 3: Demographic and employment characteristics [Waves 1, 2, 3]

q01gndr Gender [Waves 1, 2, 3]

Question type: Single answer

Question text: What is your gender?
[*Was ist Ihr Geschlecht?*]

Note: Inconsistencies across waves: **q01gndr_flag**

Value	Label	
1	Male	[*Männlich*]
2	Female	[*Weiblich*]
3	Diverse	[*Divers*]

female Female

Coding: 0 if q01gndr == 1; 1 if q01gndr == 2

Value	Label	
0	No	[*Nein*]
1	Yes	[*Ja*]

q02yrbrn Year of birth [Waves 1, 2, 3]

Question type: Numeric input

Question text: What year were you born in?
[*In welchem Jahr sind Sie geboren?*]

Note: Inconsistencies across waves: **q02yrbrn_flag**

This variable is **not available** in the publicly-available dataset due to data protection reasons.

agegr Age cohort

Coding: A recode of the **q02yrbrn** variable into groups

Value	Label
1	18–24
2	25–29
3	30–34
4	35–39
5	40–44
6	45–49
7	50–54
8	55–59
9	60–64
10	65–69
11	70–74
12	75–79
13	80+

q03empsts Employment [Waves 1, 2, 3]

Question type: Single answer

Question text: Are you employed?
[*Sind Sie erwerbstätig?*]

Hint: If you're currently ***not*** working due to the measures related to the Coronavirus pandemic, please check ***yes***.
[*Wenn Sie zurzeit nur aufgrund der Maßnahmen im Zusammenhang mit der Corona-Pandemie* ***nicht*** *arbeiten, bitte* ***ja*** *ankreuzen.*]

Note: The answer category 'yes' was supplemented by '(also *Minijob*[1])' after the data collection began.

Value	Label	
0	No	[*Nein (auch Mutterschutz/Elternzeit)*]
1	Yes	[*Ja (auch Minijob)*]

q04newemp New job [Waves 2, 3]

Question type: Single answer

Filter: q03empsts == 1

Question text: Are you referring to a job that you started after the 23rd of March?
[*Handelt es sich hierbei um eine Erwerbstätigkeit, die Sie erst nach dem 23.03. aufgenommen haben?*]

Value	Label	
0	No	[*Nein*]
1	Yes	[*Ja*]

q04status Reason for not being employed [Waves 1, 2, 3]

Question type: Single answer

Filter: q03empsts == 0

Question text: Why are you not employed?
[*Warum sind Sie nicht erwerbstätig?*]

Note: Values of the other [Sonstiges] category that could not be assigned where coded as .e missing.

Value	Label	
1	School/university student	[*Schüler*in/Student*in*]
2	Unemployed	[*Arbeitslos*]
3	Retired	[*In Rente/Pension*]
4	Maternity protection/parental leave	[*In Mutterschutz/Elternzeit*]
5	Homemaker	[*Hausfrau/Hausmann*]

1 in Germany, the term 'Minijob' refers to an employment relationship in which the worker's monthly earnings do not exceed 450€.

status Main activity

Coding: q04status; .c if q04status == 0; 0 if q03empsts == 1

Value	Label	
0	Employed	[*Erwerbstätig*]
1	School/university student	[*Schüler*in/Student*in*]
2	Unemployed	[*Arbeitslos*]
3	Retired	[*Rente/Pension*]
4	Maternity protection/parental leave	[*Mutterschutz/Elternzeit*]
5	Homemaker	[*Hausfrau/Hausmann*]

q04bjobloss Job loss during the pandemic [Waves 1, 2, 3]

Question type: Single answer

Filter: q03empsts == 0 & q04status == 2

Question text: Wave 1: Did you lose your job in the last four weeks?
[*Haben Sie Ihren Arbeitsplatz innerhalb der letzten vier Wochen verloren?*]

Waves 2 and 3: Did you lose your job because of the Coronavirus pandemic?
[*Haben Sie Ihre Arbeit aufgrund der Corona-Pandemie verloren?]*

Value	Label	
0	No	[*Nein*]
1	Yes	[*Ja*]

Group 4: Work characteristics [Waves 1, 2, 3]

q05ctrtype Type of contract [Wave 1]

Question type: Single answer

Filter: q03empsts == 1

Question text: What type of employment contract do you have?
[*Was kennzeichnet Ihr aktuelles Arbeitsverhältnis?*]

Note: Categories 3 and 4 were supplemented by "freelancer" after the data collection began.

It was possible to select an 'other' option and give an open answer to this question; in the cases where the open answer matched one of the predefined variables, the observation was recoded and added to the appropriate variable.

For waves 2 and 3, the respondents' answers were copied over from wave 1 if no new job.

Value	Label	
1	Permanent contract	[*Ich bin in einem unbefristeten Anstellungsverhältnis*]
2	Fixed-term contract	[*Ich bin in einem befristeten Anstellungsverhältnis*]
3	Self-employed/freelancer without employees	[*Ich bin selbstständig/freiberuflich ohne Mitarbeiter*]
4	Self-employed/freelancer with employees	[*Ich bin selbstständig/freiberuflich mit Mitarbeitern*]
5	Civil servant	[*Ich bin verbeamtet*]

q05selfempl Self-employed/freelancer [Waves 2, 3]

Question type: Single answer

Filter: q03empsts == 1

Question text: Are you self-employed/working freelance?
[*Sind Sie selbständig/freiberuflich tätig?*]

Hint: If you are working freelance on the side, please select "no".
[*Sollten Sie selbständig im Nebenerwerb sein, so kreuzen sie bitte „nein" an.*]

Value	Label	
0	No	[*Nein*]
1	Yes	[*Ja*]

q05cntrct Type of contract [Waves 2, 3]

Question type: Single answer

Filter: q04newemp == 1 & q05selfempl == 0

Question text: What type of employment contract do you have?
[*Was kennzeichnet Ihr aktuelles Arbeitsverhältnis?*]

Value	Label	
1	Permanent contract	[*unbefristetes Anstellungsverhältnis*]
2	Fixed-term contract	[*befristetes Anstellungsverhältnis*]

permempl — Permanent contract dummy

Coding: Wave 1: 0 if q05ctrtype == 2, 3, 4; 1 if q05ctrtype == 1, 5
Wave 2, 3: 0 if q05cntrct == 2; 1 if q05cntrct == 1

Note: Inconsistencies across waves: **empl_flag** (respondent self-employed in one wave and permanently employed in another without indicating that they have a new job)

Value	Label	
0	No	[*Nein*]
1	Yes	[*Ja*]

selfempl — Self-employed dummy

Coding: Wave 1: 0 if q05ctrtype == 1, 2, 5; 1 if q05ctrtype == 3, 4
Waves 2, 3: = q05selfempl

Note: Inconsistencies across waves: **empl_flag** (respondent self-employed in one wave and permanently employed in another without indicating that they have a new job)

Value	Label	
0	No	[*Nein*]
1	Yes	[*Ja*]

q06firmsize — Firm size [Waves 1, 2, 3]

Question type: Single answer

Filter: Wave 1: q03empsts == 1 & q05ctrtype == 1, 2, or 5
Waves 2, 3: q04newemp == 1 & q05selfempl == 0

Question text: How many employees work at your company?
[*Wie viele Beschäftigte arbeiten bei Ihrem Arbeitgeber?*]

Hint: This refers to the entire company, not the local branch.
[*Gemeint ist das Gesamtunternehmen, nicht die lokale Betriebsstätte.*]

Note: For waves 2 and 3, the respondents' answers were copied over from wave 1 if no new job.

Value	Label
1	<20
2	20-200
3	>200

q07indust Sector [Waves 1, 2, 3]

Question type: Single answer

Filter: Wave 1: q03empsts == 1
Waves 2, 3: q04newemp == 1

Question text: Which sector do you work in?
[*In welcher Branche arbeiten Sie?*]

Note: For waves 2 and 3, the respondents' answers were copied over from wave 1 if no new job.

Value	Label	
1	Agriculture, forestry and fishing	[*Landwirtschaft, Forstwirtschaft und Fischerei*]
2	Manufacturing, mining, and related industries	[*Verarbeitendes Gewerbe, Bergbau, sonstige Industrie*]
3	Construction	[*Baugewerbe*]
4	Retail, hospitality, transport, storage	[*Handel, Gastgewerbe, Verkehr, Lagerei*]
5	Information and communication	[*Information und Kommunikation*]
6	Finance and insurance	[*Finanz- und Versicherungsdienstleistungen*]
7	Scientific, technical, and support service activities	[*Wissenschaftliche, technische, wirtschaftliche Dienstleistungen*]
8	Public administration and defense	[*Öffentliche Verwaltung, Verteidigung*]
9	Education, human health, and social work	[*Erziehung und Unterricht, Gesundheits- und Sozialwesen*]
10	Other service	[*Sonstige Dienstleistungen*]

q08prof Key/essential service worker [Waves 1, 2, 3]

Question type: Single answer

Filter: Wave 1: q03empsts == 1
Waves 2, 3: q04newemp == 1

Question text: Have you been categorized as a 'key worker' / 'essential service worker'[1]?
[*Gehört Ihr Beruf zu den sogenannten systemrelevanten Berufen?*]

Note: The original categories 2 to 4 have been combined into category 2 due to data protection reasons.

For waves 2 and 3, the respondents' answers were copied over from wave 1 if no new job.

Value	Label	
1	No	[*Nein*]
2	Yes: Police, fire brigade, and aid/relief; Law enforcemen and Crisis unit	[*Ja: Polizei, Feuerwehr und Hilfsorganisationen;* Justizvollzug und Krisenstabspersonal]
3	Yes: Public transport, resource supply and waste disposal, energy supply	[*Ja: Öffentlicher Nahverkehr, Ver- und Entsorgung, Energieversorgung*]
4	Yes: Healthcare and nursing staff	[*Ja: Personal im Gesundheits- und Pflegebereich*]
5	Yes: Staff in public facilities or authorities	[*Ja: Personal in öffentlichen Einrichtungen und Behörden*]
6	Yes: Emergency child care provision at schools/nurseries	[*Ja: Personal, das die Notversorgung in Kitas und Schulen sichert*]
7	Yes: Other staff in critical infrastructure and basic services	[*Ja: Sonst. Personal der kritischen Infrastruktur & Grundversorgung*]
8	Yes: Retail (Grocery and drug stores)	[*Ja: Einzelhandel (Lebensmittel- und Drogeriemärkte)*]

[1] These terms refer to the workers whose occupations have been categorized as essential by governing authorities during the Covid-19 pandemic.

sysjob — Key/essential worker

Coding: 0 if q08prof == 1; 1 if q08prof >= 2 & <= 8

Value	Label	
0	No	[*Nein*]
1	Yes	[*Ja*]

q09wtime — Before pandemic: usual working hours [Wave 1]

Question type: Single answer

Filter: q03empsts == 1

Question text: How many hours per week did you usually work before the first measures related to the Coronavirus pandemic were introduced?
[*Wie viele Stunden pro Woche haben Sie üblicherweise gearbeitet, bevor die ersten Maßnahmen im Zusammenhang mit der Corona-Pandemie getroffen wurden?*]

Note: For waves 2 and 3, the respondents' answers were copied over from wave 1.

Value	Label	
1	up to 15 hours/week	[*bis zu 15 Wochenstunden*]
2	16 to 25 hours/week	[*16 bis 25 Wochenstunden*]
3	26 to 37 hours/week	[*26 bis 37 Wochenstunden*]
4	38 hours/week or more	[*38 Wochenstunden und mehr*]

q10currenttime — Working hours now relative to before [Waves 1, 2, 3]

Question type: Single answer

Filter: q03empsts == 1

Question text: Wave 1: And how many hours a week do you work at the moment?
[*Und wie viele Stunden arbeiten Sie zurzeit tatsächlich?*]

Waves 2&3: How many hours a week do you currently work compared to before the pandemic began?
[*Wie viele Stunden arbeiten Sie zurzeit im Vergleich zu vor Beginn der Pandemie?*]

Value	Label	
1	As many hours as before	[*So viele Stunden wie sonst*]
2	Fewer hours than before	[*Weniger Stunden als sonst*]
3	More hours than before	[*Mehr Stunden als sonst*]
4	I am currently not working	[*Ich arbeite zurzeit gar nicht*]

q11usualwh Before pandemic: usual working hours [Waves 2, 3]

Question type: Numeric input

Filter: q03empsts == 1

Question text: On average, how many hours per week were you working before the lockdown came into effect?
[*Was war Ihre durchschnittliche wöchentliche Arbeitszeit bevor die Ausgangsbeschränkungen in Kraft getreten sind?*]

Value range: 0 – 80

q11lastwh Current: working hours [Waves 2, 3]

Question type: Numeric input

Filter: q03empsts == 1 & q10currenttime != 4

Question text: How many hours did you work last week?
[*Wie viele Stunden haben Sie in der vergangenen Woche gearbeitet?*]

Value range: 1 – 80

q11reason Reason for currently not working [Waves 1, 2, 3]

Question type: Single answer

Filter: q03empsts == 1 & q10currenttime == 4

Question text: Why are you currently not working?
[*Warum arbeiten Sie zurzeit nicht?*]

Note: Category 6 was added in Wave 2 and 3. Open answer were also in wave 1 coded for all 6 categories.

Values of the other [Sonstiges] category that could not be assigned where coded as .e missing.

Value	Label	
1	On paid leave	[*Ich nehme bezahlten Urlaub*]
2	On unpaid leave	[*Ich nehme unbezahlten Urlaub*]
3	Released from duty for operational reasons	[*Ich bin betriebsbedingt freigestellt*]
4	I no longer have any assignments	[*Ich habe keine Aufträge mehr*]
5	On sick leave	[*Ich bin krankgeschrieben*]
6	I am on short-time working	[*Ich bin in Kurzarbeit*]

q11compen Receiving financial support [Wave 2, 3]

Question type: Single answer

Filter: q03empsts == 1 & q10currenttime == 2

Question text: Are you receiving any financial support, whether within the short-time work allowance framework[1] or otherwise, for your reduced working hours?
[*Beziehen Sie Kurzarbeitergeld oder bekommen einen anderen finanziellen Ausgleich für Ihre reduzierte Arbeitszeit?*]

Note: Open answers that indicated some form of financial compensation other than short-time work allowance were still coded as '2'.

Values of the other [Sonstiges] category that could not be assigned where coded as .e missing.

Value	Label	
1	No (my income is reduced proportionally to my working time)	[*Nein (Einkommen reduziert sich genauso stark wie Arbeitszeit)*]
2	Yes, short-time working scheme	[*Ja, Kurzarbeitergeld*]
3	Yes, I'm still earning the same amount	[*Ja, ich beziehe weiterhin mein volles Gehalt*]

q12office Current place of work [Waves 1, 2, 3]

Question type: Single answer

Filter: q03empsts == 1 & q10currenttime != 4

Question text: Where are you currently working from?
[*Von wo aus arbeiten Sie im Moment?*]

Note: Values of the other [Sonstiges] category that could not be assigned where coded as .e missing.

Value	Label	
1	Still (mainly) at my workplace	[*Weiterhin (überwiegend) am Arbeitsort*]
2	Due to the Coronavirus pandemic (mainly) from home	[*Aufgrund der Corona Pandemie (überwiegend) von zu Hause aus*]
3	Working from home, as always	[*Wie immer von zu Hause aus*]
4	An even balance between usual workplace and working from home	[*Etwa gleich oft am Arbeitsort und zu Hause*]

homeoffice Homeoffice

Coding: 0 if q12office == 1; 1 if q12office == 2, 3, 4

Value	Label	
0	No	[*Nein*]
1	Yes	[*Ja*]

[1] Short-time work allowance (Ger. *Kurzarbeitgeld*) refers to a state-regulated scheme, in which the state pays partial compensation to employees whose working hours have been temporarily cut due to a loss of orders by their employer.

homeoffice_det Homeoffice detailed

Coding: = homeoffice; 2 if q12office == 3; 3 if homeoffice == .b & q10currenttime == 4

Value	Label	
0	No	[*nein*]
1	Yes, as of late	[*ja, neu*]
2	Yes, as always	[*ja, schon immer*]
3	I'm currently not working	[*arbeite zurzeit nicht*]

q12time11 Current: evening shifts [Waves 1.2, 2, 3]

Question type: Single answer

Filter: q03empsts == 1 & q10currenttime != 4

Question text: How often do you currently work in the evening (between 7 p.m. and 10 p.m.)?
[*Wie häufig arbeiten Sie derzeit in der Abendarbeit (19:00 bis 22:00 Uhr)?*]

Value	Label	
1	Never	[*Nie*]
2	Every day	[*Täglich*]
3	Few times a week	[*Mehrmals in der Woche*]
4	Every couple of weeks (alternating shift)	[*Wochenweise (Wechselschicht)*]
5	Less often (only when necessary)	[*Seltener (nur bei Bedarf)*]

q12time12 Current: night shifts [Waves 1.2, 2, 3]

Question type: Single answer

Filter: q03empsts == 1 & q10currenttime != 4

Question text: How often do you currently work at night (between 10 p.m. and 6 a.m.)?
[*Wie häufig arbeiten Sie derzeit Nachts (22:00 bis 6:00 Uhr)?*]

Value range: See q12time11

q12time21 Before: evening shifts [Waves 1.2, 2, (3)]

Question type: Single answer

Filter: q03empsts == 1

Question text: Please think back to the time before the Coronavirus-related measures were introduced. How often did you work in the evening (7 p.m. to 10 p.m.) before the pandemic started?
[*Bitte denken Sie nun an die Zeit vor den Maßnahmen im Zusammenhang mit der Corona-Pandemie zurück. Wie oft haben Sie vor Beginn der Pandemie abends (19:00 bis 22:00 Uhr) gearbeitet?*]

Note: In wave 3, this question was only asked to those respondents who did not participate in wave 2. Values were copied over, if multiple values, just if consistent.

Value range: See q12time11

q12time22 Before: night shifts [Waves 1.2, 2, (3)]

Question type: Single answer

Filter: q03empsts == 1

Question text: How often did you work at night (10 p.m. to 6 a.m.) before the pandemic started?
[*Wie oft haben Sie vor Beginn der Pandemie nachts (22:00 bis 6:00 Uhr) gearbeitet?*]

Note: In wave 3, this question was only asked to those respondents who did not participate in wave 2. Values were copied over, if multiple values, just if consistent.

Value range: See q12time11

q13support Perceived employer/client support [Waves 1, 2, 3]

Question type: Single answer

Filter: q03empsts == 1

Question text: To what extent do you agree with the following statement:
[*Wie sehr stimmen Sie der folgenden Aussage zu:*]

I feel supported by my employer as much as possible in the current situation.
[*Ich fühle mich in der aktuellen Situation von meinem Arbeitgeber im Rahmen seiner Möglichkeiten unterstützt.*] (for non-freelancers and civil servants → q05ctrtype = 1, 2 or 5 / q05selfempl = 2)

I feel supported by my clients and customers as much as possible in the current situation.
[*Ich fühle mich in der aktuellen Situation von meinen Auftraggebern und Kunden im Rahmen ihrer Möglichkeiten unterstützt.*] (for the self-employed → q05ctrtype = 3 or 4 / q05selfempl = 1)

I feel supported by my employer/clients as much as possible in the current situation.
[*Ich fühle mich in der aktuellen Situation von meinem Arbeitgeber/Auftraggeber im Rahmen seiner Möglichkeiten unterstützt.*] (for everyone else → q05ctrtype != 1-5 / q05selfempl != 1 & q05selfempl != 2)

Value range: 1 strongly disagree – 7 strongly agree
[*1 stimme überhaupt nicht zu – 7 stimme voll und ganz zu*]

Group 5: Family [Waves 1, 2, 3]

q14partner Relationship status [Waves 1, 2, 3]

Question type: Single answer

Question text: Do you live with a partner?
[*Leben Sie mit einem festen Partner/ einer festen Partnerin zusammen?*]

Value	Label	
0	No	[*Nein*]
1	Yes	[*Ja*]

q15achildren Children in household [Waves 1, 2, 3]

Question type: Single answer

Question text: Do you have underage children, who live with you in the same household?
[*Haben Sie minderjährige Kinder, die mit Ihnen in einem gemeinsamen Haushalt leben?*] (if q14partner==0)

Do you (and/or your partner) have underage children, who live with you in the same household?
[*Haben Sie (und/oder Ihr Partner/Ihre Partnerin) minderjährige Kinder, die mit Ihnen in einem gemeinsamen Haushalt leben?*] (if q14partner==1)

Note: Inconsistencies across waves (**q15achildren_flag** =1 if inconsistencies exist)

Value	Label	
0	No	[*Nein*]
1	Yes	[*Ja*]

fam Family situation

Coding: 1 if q14partner == 0 & q15achildren == 0; 2 if q14partner == 1 & q15achildren == 0;
3 if q14partner == 1 & q15achildren == 1; 4 if q14partner == 0 & q15achildren == 1

Value	Label	
1	Single, no children	[*Single, keine Kinder*]
2	Living with partner, no children	[*Partner, keine Kinder*]
3	Living with partner and children	[*Partner u Kind(er)*]
4	Single parent	[*Alleinerziehend*]

q15bchildren Number of underage children in household [Wave 1]

Question type: Numeric input

Filter: q15achildren == 1

Question text: How many underage children live in your household?
[*Wie viele minderjährige Kinder leben mit Ihnen in einem Haushalt?*]

Note: For waves 2 and 3, the respondents' answers were copied over from wave 1 (only for the cases with consistent answers to **q15achildren** across waves).

Value range: 1 – 9

nrchildren Number of children

Coding: = q15bchildren; 0 if q15achildren == 0; 3 if q15bchildren >= 3

Value	Label
0	0
1	1
2	2
3	3+

q16byrchild Child's year of birth [Wave 1]

Question type: Open question (numeric input)

Filter: q15achildren == 1

Question text: What year was/were your child(ren) born in?
[*In welchem Jahr wurde Ihr Kind /Ihre Kinder geboren?*]

Value range: 2002 – 2020

Note: This required separate input for each underage child living in the respondent's household, as indicated in **q15bchildren**.

For waves 2 and 3, the respondents' answers were copied over from wave 1 (only for the cases with consistent answers to **q15achildren** across waves).

Variable	Label	
q16byrchild1	Year of birth of the 1. child	[*Geburtsjahr 1. Kind*]
q16byrchild2	Year of birth of the 2. child	[*Geburtsjahr 2. Kind*]
q16byrchild3	Year of birth of the 3. child	[*Geburtsjahr 3. Kind*]
q16byrchild4	Year of birth of the 4. child	[*Geburtsjahr 4. Kind*]
q16byrchild5	Year of birth of the 5. child	[*Geburtsjahr 5. Kind*]
q16byrchild6	Year of birth of the 6. child	[*Geburtsjahr 6. Kind*]
q16byrchild7	Year of birth of the 7. child	[*Geburtsjahr 7. Kind*]
q16byrchild8	Year of birth of the 8. child	[*Geburtsjahr 8. Kind*]
q16byrchild9	Year of birth of the 9. child	[*Geburtsjahr 9. Kind*]
q16byrchild10	Year of birth of the 10. child	[*Geburtsjahr 10. Kind*]

q16childage — Child's age

Coding: 2020 - q16byrchild1-10

Filter: q15achildren == 1

Value range: 0 – 18

Variable	Label	
q16childage1	Age of the 1. child	[*Alter 1. Kind*]
q16childage2	Age of the 2. child	[*Alter 2. Kind*]
q16childage3	Age of the 3. child	[*Alter 3. Kind*]
q16childage4	Age of the 4. child	[*Alter 4. Kind*]
q16childage5	Age of the 5. child	[*Alter 5. Kind*]
q16childage6	Age of the 6. child	[*Alter 6. Kind*]
q16childage7	Age of the 7. child	[*Alter 7. Kind*]
q16childage8	Age of the 8. child	[*Alter 8. Kind*]
q16childage9	Age of the 9. child	[*Alter 9. Kind*]
q16childage10	Age of the 10. child	[*Alter 10. Kind*]

youngest — Age of youngest child

Coding: min(q16childage1-10)

youngestcat — Age of youngest child

Coding: 1 if youngest < 3; 2 if youngest >= 3 & <=5; 4 if youngest >= 6 & <= 10; 4 if youngest > 10 & < 19

Value	Label
1	<3
2	3–5
3	6–10
4	11-18

q17childcare Childcare arrangement [Waves 1, 2, 3]

Question type: Multiple answer

Filter: q15achildren == 1

Question text: How are you currently organizing childcare?
[*Wie haben Sie zurzeit die Kinderbetreuung organisiert?*]

Hint: Please select all the answers that apply to your situation.
[*Bitte kreuzen Sie alles an, was auf Ihre Situation zutrifft.*]

Note: q17childcare10 and q17childcare11 only appeared in Wave 3.

It was possible to select an 'other' option and give an open answer to this question; in the cases where the open answer matched one of the predefined variables, the observation was recoded and added to the appropriate variable.

Variable	Label	
q17childcare1	At home, not working	[*Ich betreue sie zu Hause, ohne zu arbeiten*]
q17childcare2	At home, while working	[*Ich betreue sie, während ich von zu Hause arbeite*]
q17childcare3	During the day, working when children are sleeping	[*Ich arbeite verstärkt während meine Kinder schlafen, damit ich sie tagsüber betreuen kann*]
q17childcare4	Partner is looking after them	[*Mein/e Partner/in betreut sie*]
q17childcare5	Emergency care	[*Die Kinder besuchen eine Notfallbetreuung*]
q17childcare6	Grandparents	[*Die Großeltern übernehmen die Kinderbetreuung*]
q17childcare7	Relatives, friends, neighbors	[*Andere Verwandte, Freunde oder Nachbarn betreuen die Kinder*]
q17childcare8	Swapping with other parents	[*Wir haben ein Tauschmodell mit anderen Eltern*]
q17childcare9	Children are home alone	[*Die Kinder sind alleine zu Hause/alt genug um ohne Betreuung auszukommen*]
q17childcare10	At school/nursery (reduced hours)	[*Betreuung in Kita/Schule in reduziertem Stundenumfang*]
q17childcare11	At school/nursery (usual hours)	[*Betreuung in Kita/Schule im gewohnten Stundenumfang*]

childcare Childcare arrangement

Coding: from q17childcare1-9, see do-file 05_gen_vars.do

Value	Label	
1	By myself	[*Ich selbst*]
2	Jointly with partner or a different person	[*Gemeinsam mit Partner oder anderen Person*]
3	Done by partner	[*Partner*]
4	Other/mix	[*Andere/Mischung*]

q17childtvtimea Children's current screen time [Waves 1, 2, 3]

Question type: Single answer

Filter: q15achildren == 1

Question text: How much time per day do your children currently spend in front of a screen (smartphone, computer, TV, or other electronic devices) watching television, videos, playing games, or surfing the web?
[*Wie viel Zeit pro Tag verbringen Ihre Kinder zurzeit am Bildschirm (Smartphone, Computer, Fernseher oder andere elektronische Geräte) mit Fernsehen, Videos, Spielen oder beim Surfen im Internet?*]

Hint: Please do not count the time that children spend on electronic devices to do their schoolwork.
[*Zeit, die Kinder an elektronischen Geräten verbringen, um Schulaufgaben zu machen, bitte nicht dazuzählen.*]

Value	Label	
1	0-1 hours	[*0-1 Stunden*]
2	1-2 hours	[*1-2 Stunden*]
3	2-4 hours	[*2-4 Stunden*]
4	4-6 hours	[*4-6 Stunden*]
5	6 hours or more	[*6 und mehr Stunden*]

q17childtvtimeb Children's usual screen time [Wave 1]

Question type: Single answer

Filter: q15achildren == 1

Question text: How much time did your child(ren) spend in front of a screen before schools and daycare centers closed?
[*Wie hoch war die tägliche Bildschirmzeit bevor die Schulen und Kitas geschlossen wurden?*]

Note: For waves 2 and 3, the respondents' answers were copied over from wave 1.

Value	Label	
1	A lot less	[*deutlich weniger*]
2	Less	[*weniger*]
3	About the same	[*in etwa gleich*]
4	More	[*mehr*]
5	A lot more	[*deutlich mehr*]

q17childcaresub1 Current: satisfaction with childcare [Waves 1.2, 2, 3]

Question type: Single answer

Filter: q15achildren == 1

Question text: How are you currently getting along with childcare? To what extent do you agree with the following statements?
[*Wie geht es Ihnen momentan mit der Kinderbetreuung? Inwiefern stimmen Sie den folgenden Aussagen zu?*]

Note: These items have been taken from the Child Development Supplement (CDS) to the Panel Study of Income Dynamics (PSID).

Value range: 1 strongly disagree – 7 strongly agree
[1 *stimme überhaupt nicht zu – 7 stimme voll und ganz zu*]

Variable	Label[1]
q17childcaresub11	I often feel tired, worn out, or exhausted from meeting the needs of my children. [*Ich fühle mich oft müde oder erschöpft, weil ich die Bedürfnisse meiner Kinder erfüllen muss.*]
q17childcaresub12	I feel trapped by my responsibilities as a parent. [*Ich fühle mich durch meine Elternpflichten gefangen.*]

q17childcaresub2 Before: satisfaction with childcare [Waves 1.2, 2, 3]

Question type: Single answer

Filter: q15achildren == 1

Question text: Please think back to the time before the Coronavirus-related measures were introduced.
[*Bitte denken Sie jetzt an die Zeit vor den ersten Maßnahmen im Zusammenhang mit der Corona Pandemie zurück*.]

How do you normally get along with childcare? To what extent do you agree with the following statements?
[*Wie geht es Ihnen normalerweise mit der Kinderbetreuung? Inwiefern stimmen Sie den folgenden Aussagen in Bezug auf Kinderbetreuung rückblickend zu?*]

Note: These items have been taken from the Child Development Supplement (CDS) to the Panel Study of Income Dynamics (PSID).

In wave 3, this question was only asked to those respondents who did not participate in wave 2 (copied over otherwise).

Value range: 1 strongly disagree – 7 strongly agree
[1 *stimme überhaupt nicht zu – 7 stimme voll und ganz zu*]

Variable	Label[1]
q17childcaresub21	I often feel tired, worn out, or exhausted from meeting the needs of my children. [*Ich fühle mich oft müde oder erschöpft, weil ich die Bedürfnisse meiner Kinder erfüllen muss.*]
q17childcaresub22	I feel trapped by my responsibilities as a parent. [*Ich fühle mich normalerweise durch meine Elternpflichten gefangen.*]

[1] Full translations of the statements, rather than variable labels, are reported here due to the importance of the exact wording of these statements. Short versions of the statements are used as variable labels in the dataset instead.

q17gendernorm Gender norms [Wave 3]

Question type: Single answer

Question text: People talk about the changing roles of men and women today. Please indicate how much you agree with each of the following statements.
[*Man spricht ja oft davon, dass sich heutzutage die Rollen von Mann und Frau verändern. Bitte geben Sie zu jedem Punkt an, wie sehr Sie zustimmen.*]

Note: This question and statements have been taken from the 2018 version of the German "Allbus" Questionnaire and the European Values Survey 2008. The data is just labelled with short forms.

For waves 1 and 2, the respondents' answers were copied over from wave 3.

Value range: 1 strongly disagree – 7 strongly agree
[1 *stimme überhaupt nicht zu – 7 stimme voll und ganz zu*]

Variable	Label[1]
q17gendernorm1	A working mother can establish just as warm and secure a relationship with her children as a mother who does not work. [*Eine berufstätige Mutter kann ein genauso herzliches und vertrauensvolles Verhältnis zu ihren Kindern finden wie eine Mutter, die nicht berufstätig ist.*]
q17gendernorm2	It's more important for a wife to help her husband with his career than to pursue her own career. [*Für eine Frau ist es wichtiger, ihrem Mann bei seiner Karriere zu helfen, als selbst Karriere zu machen.*]
q17gendernorm3	A small child is likely to suffer if his or her mother goes out to work. [*Ein Kleinkind wird sicherlich darunter leiden, wenn seine Mutter berufstätig ist.*]
q17gendernorm4	It is much better for everyone concerned if the man goes out to work and the woman stays at home and looks after the house and children. [*Es ist für alle Beteiligten viel besser, wenn der Mann voll im Berufsleben steht und die Frau zu Hause bleibt und sich um den Haushalt und die Kinder kümmert.*]
q17gendernorm5	A child actually benefits if his or her mother has a job rather than just concentrating on the home. [*Es ist für ein Kind sogar gut, wenn seine Mutter berufstätig ist und sich nicht nur auf den Haushalt konzentriert.*]
q17gendernorm6	A married woman should not work if there are not enough jobs to go round and her husband is also in a position to support the family. [*Eine verheiratete Frau sollte auf eine Berufstätigkeit verzichten, wenn es nur eine begrenzte Anzahl von Arbeitsplätzen gibt, und wenn ihr Mann in der Lage ist, für den Unterhalt der Familie zu sorgen.*]
q17gendernorm7	Both the husband and the wife should contribute to the household income. [*Beide, Mann und Frau, sollten zum Haushaltseinkommen beitragen.*]
q17gendernorm8	In general, fathers are just as well suited to look after their children as mothers. [*Im allgemeinen sind Väter genauso geeignet, sich um die Kinder zu kümmern wie Mütter.*]

[1] Full translations of the statements, rather than variable labels, are reported here due to the importance of the exact wording of these statements for analysing attitudes toward gender norms among the respondents. Short versions of the statements are used as variable labels in the dataset instead.

q18divlab Usual distribution of household work [Wave 1]

Question type: Question set

Filter: q14partner == 1

Question text: How did you and your partner split up the following tasks before the Coronavirus pandemic started? [*Wie haben Sie und Ihr Partner/Ihre Partnerin sich die Arbeit in folgenden Bereichen vor Beginn der Corona-Pandemie aufgeteilt? Das übernimmt…*]

Hint: This refers to how much time you spend on this task compared to your partner. [*Es geht darum, wie viel Zeit Sie im Vergleich zu Ihrem Partner/Ihrer Partnerin für diese Aufgabe aufwenden.*]

Note: For waves 2 and 3, the respondents' answers were copied over from wave 1.

Variable	Label		Filter
q18divlab1	Housework	[*Hausarbeit (Waschen, Kochen, Putzen)*]	
q18divlab2	Grocery shopping	[*Einkaufen*]	
q18divlab3	Repairs	[*Reparaturen am Haus, in der Wohnung, am Auto*]	
q18divlab4	Financial/administrative errands	[*Finanzielle Angelegenheiten, Behördengänge*]	
q18divlab5	Childcare	[*Kinderbetreuung*]	q15achildren == 1

Value	Label	
1	(Almost) exclusively my partner	[*(fast) vollständig mein/e Partner/in*]
2	Mostly my partner	[*überwiegend mein/e Partner/in*]
3	About fifty-fifty	[*etwa halbe/halbe*]
4	Mostly me	[*überwiegend ich*]
5	(Almost) exclusively me	[*(fast) vollständig ich*]
6	Exclusively someone else	[*nur eine andere Person*]
7	Does not apply to us	[*das trifft für uns nicht zu*]

q19currentdiv Current distribution of household work [Waves 1, 2, 3]

Question type: Question set

Filter: q14partner == 1

Question text: And how are you splitting up these tasks at the moment? [*Und wie teilen Sie sich die Aufgaben im Moment? Das übernimmt…*]

Value range: See q18divlab

Variable	Label		Filter
q19currentdiv1	Housework	[*Hausarbeit (Waschen, Kochen, Putzen)*]	
q19currentdiv2	Grocery shopping	[*Einkaufen*]	
q19currentdiv3	Repairs	[*Reparaturen am Haus, in der Wohnung, am Auto*]	
q19currentdiv4	Financial/administrative errands	[*Finanzielle Angelegenheiten, Behördengänge*]	
q19currentdiv5	Childcare	[*Kinderbetreuung*]	q15achildren == 1

Group 6: Satisfaction and worries [Waves 1, 2, 3]

q20sat1 Current satisfaction [Waves 1, 2, 3]

Question type: Question set

Question text: How satisfied are you with the following areas of your life **at the moment**?
[*Wie zufrieden sind Sie **zurzeit** mit folgenden Bereichen Ihres Lebens?*]

Value range: 1 very dissatisfied – 7 very satisfied
[*1 sehr unzufrieden – 7 sehr zufrieden*]

Variable	Label		Filter
q20sat11	Work	[Mit Ihrer *Arbeit*]	q03empsts == 1
q20sat12	Relationship	[*Mit Ihrer Beziehung*]	q14partner == 1
q20sat13	Family life	[Mit Ihrem *Familienleben*]	
q20sat14	Distribution of tasks within the household	[Mit der *Arbeitsteilung in Ihrem Haushalt*]	q14partner == 1
q20sat15	Quality of social contacts	[Mit der *Qualität Ihrer sozialen Kontakte (auch per Telefon, Email etc.)*]	
q20sat16	Mutual helpfulness within your neighborhood	[Mit der *Hilfsbereitschaft und gegenseitige Unterstützung in Ihrer Nachbarschaft*]	
q20sat17	Life in general	[Mit Ihrem *Leben insgesamt*]	

q20sat2 Prior satisfaction [Wave 1]

Question type: Question set

Question text: How satisfied were you with the following areas of your life **before** the Coronavirus pandemic?
[*Und wie zufrieden waren Sie **vor Beginn** der Corona-Pandemie mit folgenden Bereichen Ihres Lebens?*]

Note: For waves 2 and 3, the respondents' answers were copied over from wave 1.

Value range: 1 very dissatisfied – 7 very satisfied
[*1 sehr unzufrieden – 7 sehr zufrieden*]

Variable	Label		Filter
q20sat21	Work	[Mit Ihrer *Arbeit*]	q03empsts == 1
q20sat22	Relationship	[*Mit Ihrer Beziehung*]	q14partner == 1
q20sat23	Family life	[Mit Ihrem *Familienleben*]	
q20sat24	Distribution of tasks within the household	[Mit der *Arbeitsteilung in Ihrem Haushalt*]	q14partner == 1
q20sat25	Quality of social contacts	[Mit der *Qualität Ihrer sozialen Kontakte (auch per Telefon, Email etc.)*]	
q20sat26	Mutual helpfulness within your neighborhood	[Mit der *Hilfsbereitschaft und gegenseitige Unterstützung in Ihrer Nachbarschaft*]	
q20sat27	Life in general	[Mit Ihrem *Leben insgesamt*]	

q21concern1 Current concerns [Waves 1, 2, 3]

Question type: Question set

Question text: To what extent, if at all, do you **currently** worry about the following areas of your life?
[*Inwieweit, wenn überhaupt, machen Sie sich **zurzeit** Sorgen um die folgenden Bereiche Ihres Lebens?]*

Value range: 1 very concerned – 7 not concerned at all
[*1 sehr große Sorgen – 7 keine Sorgen*]

Variable	Label		Filter
q21concern11	Financial situation	[Um Ihre *finanzielle Situation*]	
q21concern12	Loss of job	[Um den *Verlust Ihres Arbeitsplatzes*]	q03empsts == 1
q21concern13	Own health	[Um Ihre *Gesundheit*]	
q21concern14	Health of relatives	[Um die Gesundheit von *Angehörigen*]	

q21concern2 Prior concerns [Wave 1]

Question type: Question set

Question text: To what extent, if at all, did you worry about the following areas of your life **before** the Coronavirus pandemic?
[*Und inwieweit, wenn überhaupt, haben Sie sich **vor Beginn** der Corona-Pandemie Sorgen um die folgenden Bereiche gemacht:*]

Value range: 1 very concerned – 7 not concerned at all
[*1 sehr große Sorgen – 7 keine Sorgen*]

Note: For waves 2 and 3, the respondents' answers were copied over from wave 1.

Variable	Label		Filter
q21concern21	Financial situation	[Um Ihre *finanzielle Situation*]	
q21concern22	Loss of job	[Um den *Verlust Ihres Arbeitsplatzes*]	q03empsts == 1
q21concern23	Own health	[Um Ihre *Gesundheit*]	
q21concern24	Health of relatives	[Um die Gesundheit von *Angehörigen*]	

q22challenge Current greatest challenge [Waves 1, 2, 3]

Question type: Open question (text input)

Question text: What is the biggest challenge for you at the moment?
[*Was ist zurzeit die größte Herausforderung für Sie?*]

Note: This variable is **not available** in the publicly-available dataset due to data protection reasons.

Group 7: Demographic information [Waves 1, 2, 3]

q23land Federal state [Wave 1]

Question type: Single answer

Question text: Which German federal state do you live in?
[*In welchem Bundesland leben Sie?*]

Note: Observations from the additional category ("abroad") were not included in the final dataset.

For waves 2 and 3, the respondents' answers were copied over from wave 1.

Value	Label
1	Baden-Württemberg
2	Bavaria
3	Berlin
4	Brandenburg
5	Bremen
6	Hamburg
7	Hessen
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

q23plz Postcode [Waves 2, 3]

Question type: Numeric input

Question text: What is your postcode?
[*Wie lautet Ihre Postleitzahl?*]

Note: This variable is only available with the first two digits in the publicly-available dataset due to data protection reasons.

Inconsistencies across waves: **q23plz_flag**

q24townsize Size of place of residence [Wave 1]

Question type: Single answer

Filter: q23land != 3, 5, 6

Question text: How large is your place of residence?
[*Wie groß ist Ihr Wohnort?*]

Note: This question was only asked to people who said they did *not* live in one of the German 'city-states'[1] (q23land == 3, 5, 6). Residents of these city-states were subsequently assigned to category 2.

For waves 2 and 3, the respondents' answers were copied over from wave 1.

Value	Label	
1	fewer than 50,000 inhabitants	[*weniger als 50.000 Einwohner*]
2	50,000 inhabitants or more	[*50.000 und mehr Einwohner*]

q25otherplace Different place of residence [Waves 2, 3]

Question type: Single answer

Question text: Are you currently living somewhere else than usual due to the pandemic?
[*Leben Sie aufgrund der Pandemie zurzeit woanders als sonst üblich?*]

Value	Label	
0	No	[*Nein*]
1	Yes, namely (open answer)	[*Ja, und zwar*]

q25hhsize Size of household [Wave 1]

Question type: Numeric input

Question text: How many people, including you, live within your household?
[*Wie viele Personen leben ständig in Ihrem Haushalt, Sie selbst eingeschlossen?*]

Hint: This includes all the people who live together in the same household. Please also consider all the children living in your household.
[*Zu diesem Haushalt zählen alle Personen, die hier gemeinsam wohnen und wirtschaften. Denken Sie dabei bitte auch an alle im Haushalt lebenden Kinder.*]

Note: Due to data protection reasons this variable was top-coded with 5 and more (5 = 5+).

For waves 2 and 3, the respondents' answers were copied over from wave 1 if no change of household members (q25otherhhmem) where indicated.

1 Berlin, Bremen, Hamburg

q25otherhhmem Additional people in household [Waves 2, 3]

Question type: Single answer

Filter: q25otherplace != 1

Question text: Are there any additional individuals currently living in your household because of the pandemic?
[*Leben bei Ihnen im Haushalt aufgrund der Pandemie zurzeit Personen, die sonst nicht dort wohnen?*]

Value	Label	
0	No	[*Nein*]
1	Yes, namely: (open answer)	[*Ja, und zwar*]

q26flatsize Number of rooms [Wave 1]

Question type: Numeric input

Question text: How many rooms are there in your house/flat?
[*Wie viele Räume hat Ihre Wohnung/Ihr Haus?*]

Hint: This includes all the rooms with surface area of at least 6m^2, excluding the kitchen, the bathroom, and the hallway.
[*Gemeint sind Räume ab 6 qm, ohne Küche, Bad und Flur.*]

Note: Due to data protection reasons this variable was top-coded with 7 and more (7 = 7+).

For waves 2 and 3, the respondents' answers were copied over from wave 1.

raumbedarf Room requirement

Coding: see do-file 05_gen_vars.do

Value range: 0 – 11

wohnsit Number of rooms in proportion to size of household

Coding: done according to the Eurostat definitions of overcrowded and under-occupied dwellings;
see do-file 05_gen_vars.do

Value	Label	
1	Overcrowded	[*überbelegt*]
2	Adequate	[*adäquat*]
3	More than adequate	[*unterbelegt*]

q27educ Highest completed level of education [Wave 1]

Question type: Single answer

Question text: What is the highest level of education you have completed?
[*Was ist Ihr höchster beruflicher Abschluss?*]

Note: Category 0 "currently in school/apprenticeship/university" was added after the data collection began.

For waves 2 and 3, the respondents' answers were copied over from wave 1.

Values of the other [Sonstiges] category that could not be assigned where coded as .e missing.

Value	Label	
0	Still in school/apprenticeship/university	[Bin zurzeit *in Schule/Ausbildung/Studium*]
1	No completed apprenticeship or university degree	[*kein Ausbildungs- oder Hochschulabschluss*]
2	Semi-skilled training	[*Anlernausbildung*]
3	Completed apprenticeship/vocational education	[*Lehre oder Berufsausbildung*]
4	University degree	[*Abgeschlossenes Studium*]

edu Professional qualification

Coding: 0 if q27educ == 0; 1 if q27educ == 1 or 2; 2 if q27educ == 3; 3 if q27educ == 4

Value	Label	
0	Still in school/apprenticeship/university	[*in Schule/Ausbildung/Studium*]
1	None or semi-skilled training	[*keine oder Anlernausbildung*]
2	Apprenticeship/vocational education	[*Ausbildung*]
3	University degree	[*Hochschulabschluss*]

tertiary University degree dummy

Coding: 0 if q27educ < 4, 5; 1 if q27educ == 4

Value	Label	
0	No	[*Nein*]
1	Yes	[*Ja*]

q28migr Migration background [Wave 1]

Question type: Single answer

Question text: Were you and your parents born in Germany?
[*Sind Sie und Ihre Eltern in Deutschland geboren?*]

Note: For waves 2 and 3, the respondents' answers were copied over from wave 1.

Value	Label	
1	Born in Germany, parents as well	[Sowohl *ich als auch Eltern in Deutschland geboren*]
2	Born in Germany, at least one parent born abroad	[*Ich in Deutschland geboren, mindestens ein Elternteil im Ausland*]
3	I was born abroad	[*Ich wurde im Ausland geboren*]

Group 8: Partner [Waves 1, 2, 3]

q29gndrpar Partner: gender [Wave 1]

Question type: Single answer

Filter: q14partner == 1

Question text: What is your partner's gender?
[*Was ist das Geschlecht Ihres Partners/Ihrer Partnerin?*]

Note: For waves 2 and 3, the respondents' answers were copied over from wave 1 (if the respondent indicated that they still had a partner).

Value	Label	
1	Male	[*Männlich*]
2	Female	[*Weiblich*]
3	Diverse	[*Divers*]

q30empstspar Partner: employment [Waves 1, 2, 3]

Question type: Single answer

Filter: q14partner == 1

Question text: Is your partner employed?
[*Ist Ihr Partner/Ihre Partnerin erwerbstätig?*]

Hint[1]: If he/she is currently not working due to the pandemic-related measures, please select 'yes'
[*Wenn er/sie zurzeit nur aufgrund der Maßnahmen im Zusammenhang mit der Corona-Pandemie nicht arbeitet, bitte ja ankreuzen*]

Value	Label	
0	No	[*Nein (auch Mutterschutz/Elternzeit)*]
1	Yes	[*Ja (auch Minijob)*]

q30currenttimepar Partner: working hours now relative to before [Wave 3]

Question type: Single answer

Filter: q14partner == 1, q30empstspar == 1

Question text: How many hours a week does your partner currently work compared to before the pandemic began?
[*Wie viele Stunden arbeitet Ihr Partner/Ihre Partnerin zurzeit im Vergleich zu vor Beginn der Pandemie?*]

Value	Label	
1	As many hours as before	[*Gleich viele Stunden*]
2	Fewer hours than before	[*Weniger Stunden*]
3	More hours than before	[*Mehr Stunden*]
4	Currently not working	[*Er/Sie arbeitet zurzeit gar nicht*]

1 This hint was only added in the second wave of the survey.

q31usualwhpar Partner: usual working hours [Wave 3]

Question type: Numeric input

Filter: q14partner == 1, q30empstspar == 1

Question text: On average, how many hours per week was your partner working before the lockdown came into effect?
[*Was war die durchschnittliche wöchentliche Arbeitszeit Ihres Partners/Ihrer Partnerin bevor die Ausgangsbeschränkungen in Kraft getreten sind?*]

Note: For waves 1 and 2, the respondents' answers were copied over from wave 3. (if the respondent indicated that they had a partner and that their partner was employed).

Value range: 0 – 80

q31lastwhpar Partner: current working hours [Wave 3]

Question type: Numeric input

Filter: q14partner == 1, q30empstspar == 1 & q30currenttimepar != 4

Question text: How many hours did your partner work last week?
[*Wieviele Stunden hat Ihr Partner/Ihre Partnerin in der vergangenen Woche gearbeitetet?*]

Value range: 0 – 80

q31profpar Partner: essential/key service worker [Wave 1]

Question type: Single answer

Filter: q14partner == 1 & q30empstspar == 1

Question text: Does your partner work in a job that has been classified as 'key'/ 'essential'[1]?
[*Gehört der Beruf Ihres Partners/Ihrer Partnerin zu den sogenannten systemrelevanten Berufen?*]

Note: For waves 2 and 3, the respondents' answers were copied over from wave 1 (if the respondent indicated that they still had a partner and that their partner was still employed).

The original categories 2 to 4 have been combined into category 2 due to data protection reasons.

Value	Label	
1	No	[*Nein*]
2	Yes: Police, fire brigade, and aid/relief; Law enforcemen and Crisis unit	[*Ja: Polizei, Feuerwehr und Hilfsorganisationen;* Justizvollzug und Krisenstabspersonal]
3	Yes: Public transport, resource supply and waste disposal, energy supply	[*Ja: Öffentlicher Nahverkehr, Ver- und Entsorgung, Energieversorgung*]
4	Yes: Healthcare and nursing staff	[*Ja: Personal im Gesundheits- und Pflegebereich*]
5	Yes: Staff in public facilities or authorities	[*Ja: Personal in öffentlichen Einrichtungen und Behörden*]
6	Yes: Emergency child care provision at schools/nurseries	[*Ja: Personal, das die Notversorgung in Kitas und Schulen sichert*]
7	Yes: Other staff in critical infrastructure and basic services	[*Ja: Sonst. Personal der kritischen Infrastruktur & Grundversorgung*]
8	Yes: Retail (Grocery and drug stores)	[*Ja: Einzelhandel (Lebensmittel- und Drogeriemärkte)*]

[1] see the footnote for the variable q08prof for details.

p_sysjob Partner: key worker

Coding: 0 if q31profpar == 1; 1 if q31profpar >= 2 & <= 8

Value	Label	
0	No	[*Nein*]
1	Yes	[*Ja*]

q32officepar Partner: current place of work [Waves 1, 2, 3]

Question type: Single answer

Filter: q14partner == 1 & q30empstspar == 1

Question text: Where is your partner currently working from?
[Waves 1, 2: *Wie ist die aktuelle Erwerbssituation Ihres Partners/ Ihrer Partnerin?*]
[Wave 3: *Von wo aus arbeitet Ihr Partner/Ihre Partnerin im Moment?*]

Note: Text of question and answer category 4 changed between wave 1, 2 and wave 3. Answer category 4 of wave 3 is now coded as category 5.

Values of the other [Sonstiges] category that could not be assigned where coded as .e missing.

Value	Label	
1	Still (mainly) at my workplace	[*Weiterhin (überwiegend) am Arbeitsort*]
2	Due to the Coronavirus pandemic (mainly) from home	[*Aufgrund der Corona Pandemie (überwiegend) von zu Hause aus*]
3	Working from home, as always	[*Wie immer von zu Hause aus*]
4	Currently not working	[Arbeitet zurzeit nicht]
5	An even balance between usual workplace and working from home	[*Etwa gleich oft am Arbeitsort und zu Hause*]

q33educpar Partner: Highest completed level of education [Wave 1]

Question type: Single answer

Filter: q14partner == 1

Question text: What is the highest level of education that your partner has completed?
[*Was ist der höchste beruflicher Abschluss Ihres Partners?/Ihrer Partnerin?*]

Note: Category 0 “currently in school/apprenticeship/university” was added after the data collection began.

For waves 2 and 3, the respondents’ answers were copied over from wave 1 (if the respondent indicated that they still had a partner).

Values of the other [Sonstiges] category that could not be assigned where coded as .e missing.

Value	Label	
0	Still in school/apprenticeship/university	[*in Schule/Ausbildung/Studium*]
1	No completed apprenticeship or university degree	[*kein Ausbildungs- oder Hochschulabschluss*]
2	Semi-skilled training	[*Anlernausbildung*]
3	Completed apprenticeship/vocational education	[*Lehre oder Berufsausbildung*]
4	University degree	[*Abgeschlossenes Studium*]

p_edu — Partner: Professional qualification

Coding: 0 if q33educpar == 0; 1 if q33educpar == 2; 2 if q33educpar == 3; 3 if q33educpar == 4

Value	Label	
0	Still in school/apprenticeship/university	[*in Schule/Ausbildung/Studium*]
1	None or semi-skilled training	[*keine oder Anlernausbildung*]
2	Apprenticeship/vocational education	[*Ausbildung*]
3	University degree	[*Hochschulabschluss*]

Group 9: Financial Situation [Waves 1, 2, 3]

q34hhinc Rating household income [Waves 1, 2, 3]

Question type: Single answer

Question text: How would you assess the current financial situation of your household?
[*Wie beurteilen Sie Ihr gegenwärtiges Haushaltseinkommen? Mit dem gegenwärtigen Einkommen kann ich/können wir…*]

Value	Label	
1	Living comfortably	[*Bequem leben*]
2	Getting by	[*Zurechtkommen*]
3	Difficulties getting by	[*Nur schwer zurechtkommen*]
4	Barely coping	[*Nur sehr schwer zurechtkommen*]

hhinc Rating household income

Coding: 3 if q34hhinc == 3, 4

Value	Label	
1	Living comfortably	[*Bequem leben*]
2	Getting by	[*Zurechtkommen*]
3	Difficulties getting by/barely coping	[*Nur (sehr) schwer zurechtkommen*]

q34prevhhinc Before: rating household income [Waves 2, (3)]

Question type: Single answer

Question text: How would you assess the financial situation of your household before the pandemic began?
[*Und wie war ihr Haushaltseinkommen vor Beginn der Pandemie? Vor Beginn der Pandemie konnte ich/ konnten wir…*]

Note: In wave 3, this question was only asked to those respondents who did not participate in wave 2 (copied over otherwise).

For wave 1, the respondents' answer was copied over from waves 2 (3).

Value	Label	
1	Living comfortably	[*Bequem leben*]
2	Getting by	[*Zurechtkommen*]
3	Difficulties getting by	[*Nur schwer zurechtkommen*]
4	Barely coping	[*Nur sehr schwer zurechtkommen*]

Group 10: Emotional and physical strain [Waves 1.2, 2, 3]

q35distress1 Current: emotional strain [Waves 1.2, 2, 3]

Question type: Single answer

Question text: Waves 1 and 2: How often have you experienced the following feelings since the measures related to the Coronavirus pandemic were first introduced?
[*Wie häufig haben Sie seit den ersten Maßnahmen im Zusammenhang mit der Corona-Pandemie folgende Gefühle erlebt?*]

Wave 3: How often have you experienced the following feelings in the last four weeks?
[*Wie häufig haben Sie in den letzten vier Wochen folgende Gefühle erlebt?*]

Variable	Label	
q35distress11	Anxious, nervous, restless	[*ängstlich, nervös und/oder ruhelos*]
q35distress12	Depressed, hopeless, strained	[*niedergeschlagen, hoffnungslos und/oder angestrengt*]

Value	Label	
1	Never	[*nie*]
2	Rarely	[*sehr selten*]
3	Sometimes	[*ab und zu (manchmal)*]
4	Most of the time	[die meiste Zeit]
5	All the time	[*die ganze Zeit*]

q35distress2 Before: emotional strain [Waves 1.2, 2, (3)]

Question type: Single answer

Question text: How often did you experience the following feelings in the last 30 days before the measures related to the Coronavirus pandemic were introduced?
[*Wie häufig haben Sie während der letzten 30 Tage vor den Maßnahmen gegen die Corona-Pandemie folgende Gefühle erlebt?*]

Note: In wave 3, this question was only asked to those respondents who did not participate in wave 2.

Value range: See q35distress1

Variable	Label	
q35distress21	Anxious, nervous, restless	[*ängstlich, nervös und/oder ruhelos*]
q35distress22	Depressed, hopeless, strained	[*niedergeschlagen, hoffnungslos und/oder angestrengt*]

q35health1 Current: physical health [Waves 1.2, 2, 3]

Question type: Single answer

Question text: How would you describe your current physical health?
[*Wie würden Sie Ihren derzeitigen physischen Gesundheitszustand beschreiben?*]

Value	Label	
1	Very good	[*Sehr gut*]
2	Good	[*Gut*]
3	Satisfactory	[*Zufriedenstellend*]
4	Poor	[*Weniger gut*]
5	Bad	[*Schlecht*]

q35health2 Before: physical health [Waves 1.2, 2, (3)]

Question type: Single answer

Question text: How would you describe your physical health before the measures related to the Coronavirus pandemic were first introduced?
[*Wie würden Sie Ihren physischen Gesundheitszustand vor Beginn der Maßnahmen gegen die Corona-Pandemie beschreiben?*]

Note: In wave 3, this question was only asked to those respondents who did not participate in wave 2.

Value range: See q35health1

Group 11: Follow-up survey [Wave 1]

outro2 Follow-up survey [Wave 1]

Question type: Single answer

Question text: In a few weeks, we want to conduct a follow-up survey to see how the situation develops. For this, we would like to ask you to fill out a follow-up survey later on. Can we contact you again?
[*In ein paar Wochen wollen wir eine Folgebefragung durchführen, um zu sehen, wie sich die Situation weiterentwickelt. Hierfür sind wir darauf angewiesen, dass Sie möglichst ein zweites Mal teilnehmen. Dürften wir Sie hierzu nochmals kontaktieren?*]

Hint: Your contact details will be saved separately from your answers and deleted after the follow-up survey.
[*Ihre Kontaktdaten werden separat von Ihren Antworten gespeichert und nach Abschluss der Folgebefragung gelöscht.*]

Value	Label	
0	No	[*Nein*]
1	Yes	[*Ja*]