



# Codebook

## TwinLife Covid-19 Supplementary Survey 1

### CoV 1, subsamples a and b (data collection Summer 2020)

Scientific Use File ZA6701\_person\_cov1

Version 7.1.0, September 2023



UNIVERSITÄT  
BIELEFELD



Universität  
Bremen



UNIVERSITÄT  
DES  
SAARLANDES

## Contents

<b>1</b>	<b>How to use the codebook</b>	<b>5</b>
<b>2</b>	<b>Study description</b>	<b>5</b>
<b>3</b>	<b>COVID-19 Supplementary Survey (Cov 1)</b>	<b>5</b>
<b>4</b>	<b>Identifiers: IDs on wave, family, household and individual level</b>	<b>7</b>
	fid – family ID (scientific use file) . . . . .	7
	pid – person ID (scientific use file) . . . . .	7
	wid – data collection ID - consecutively numbered (gen) . . . . .	7
<b>5</b>	<b>Identifiers: Indicator and sample variables</b>	<b>8</b>
	cgr – twin birth cohort . . . . .	8
	ptyp – type of respondent . . . . .	8
	wav0100 – subsample (gen) . . . . .	9
<b>6</b>	<b>Socio-demographics</b>	<b>9</b>
	age0100 – age in years on the date of the family questionnaire (gen) . . . . .	9
	age0101 – age in months on the date of the family questionnaire (gen) . . . . .	10
	age0200 – age in years on 01 January of survey year of subsample (gen) . . . . .	10
	age0201 – age in months on 01 January of survey year of subsample (gen) . . . . .	11
	age0400 – age in years prior to start of survey CoV1 (gen) . . . . .	12
	sex – sex . . . . .	12
<b>7</b>	<b>Family structure and household characteristics</b>	<b>12</b>
	fpr0107 – relation to the twins . . . . .	13
<b>8</b>	<b>Migration and citizenship</b>	<b>13</b>
	mig0520 – german citizenship available (gen) . . . . .	13
	mig0620 – German citizenship since (year) (gen) . . . . .	14
	mig2000 – country of birth (gen) . . . . .	15
	mig2001 – born in the GDR (gen) . . . . .	16
	mig2100 – country of birth of respondent's mother (gen) . . . . .	17
	mig2101 – born in the GDR - respondent's mother (gen) . . . . .	18
	mig2200 – country of birth of respondent's father (gen) . . . . .	18
	mig2201 – born in the GDR - respondent's father (gen) . . . . .	19
	mig3000 – country of birth - extended (gen) . . . . .	20
	mig3100 – country of birth of respondent's mother - extended (gen) . . . . .	21
	mig3200 – country of birth of respondent's father - extended (gen) . . . . .	22
	mig4000 – migration background (t,u,s, up to the 3rd generation) (gen) . . . . .	23
	mig4100 – migration background (up to the 2nd generation) (gen) . . . . .	23
<b>9</b>	<b>Zygosity questionnaire</b>	<b>24</b>
	zyg0102 – zygosity: result questionnaire and DNA in F2F1 (gen) . . . . .	24
<b>10</b>	<b>Emotional impairment</b>	<b>25</b>
	emi0110 – psych. impairment (retrospective): little interest or pleasure ( $\geq 16$ yr) . . . . .	25
	emi0111 – psych. impairment (retrospective): dejection, hopelessness ( $\geq 16$ yr) . . . . .	25
	emi0112 – psych. impairment (retrospective): nervousness, anxiety ( $\geq 16$ yr) . . . . .	26
	emi0113 – psych. impairment (retrospective no control over worries ( $\geq 16$ yr) . . . . .	26

emi0114 – psych. impairment (retrospective): difficulty concentrating ( $\geq 16$ yr) . .	27
emi0115 – psych. impairment (retrospective): difficulty focusing on goals ( $\geq 16$ yr)	27
<b>11 Quality of home environment</b>	<b>28</b>
hoe1200 – cannot think clearly at home ( $\geq 9$ J.) . . . . .	28
hoe1300 – at home everything is chaotic ( $\geq 9$ J.) . . . . .	29
hoe1400 – at home everything is under control ( $\geq 9$ J.) . . . . .	29
hoe1600 – at home the atmosphere is quiet ( $\geq 9$ J.) . . . . .	30
<b>12 COVID-19 supplementary survey: retrospective assessment of socio-economic changes, behavior and health</b>	<b>31</b>
cor0001 – COVID-19 supplementary survey: interview completed . . . . .	31
cor0101 – corona disease in the household . . . . .	31
cor0102 – corona quarantine in the household . . . . .	32
cor0200 – health: general health has worsened . . . . .	32
cor0201 – health: diseases have worsened . . . . .	33
cor0202 – health: avoided regular preventive medical checkups . . . . .	33
cor0203 – health: avoided doctor visits for acute illnesses . . . . .	34
cor0204 – health: surgery postponed . . . . .	34
cor0300 – changes in employment status: training/study period extended ( $\geq 15$ yr)	35
cor0301 – changes in employment status: lost training position ( $\geq 15$ yr) . . . . .	35
cor0302 – changes in employment status: job lost ( $\geq 16$ yr) . . . . .	36
cor0303 – changes in employment status: business discontinued ( $\geq 18$ yr) . . . . .	36
cor0304 – changes in employment status: own company threatened in existence ( $\geq 18$ yr) . . . . .	37
cor0305 – changes in employment status: short-time work ( $\geq 16$ yr) . . . . .	37
cor0306 – changes in employment status: change of occupation ( $\geq 16$ yr) . . . . .	38
cor0307 – changes in employment status: further employment ( $\geq 16$ yr) . . . . .	39
cor0400 – changes in occupational activity: work from home . . . . .	39
cor0401 – changes in occupational activity: overtime work . . . . .	40
cor0402 – changes in occupational activity: flexible working hours . . . . .	40
cor0403 – changes in occupational activity: scope of employment . . . . .	41
cor0500 – changes in income . . . . .	42
cor0600 – work from home: own home office ( $\geq 16$ yr) . . . . .	42
cor0601 – work from home: unable to work due to poor internet connection ( $\geq 16$ yr) . . . . .	43
cor0602 – work from home: temporary workplace ( $\geq 16$ yr) . . . . .	43
cor0603 – work from home: own room ( $\leq 18$ yr) . . . . .	44
cor0604 – work from home: workplace where space was available ( $\leq 18$ yr) . . . . .	45
cor0700 – home schooling: time spent helping with schoolwork in hrs/day ( $\geq 22$ yr)	45
cor0701 – home schooling: time spent on schoolwork in hrs/day ( $\geq 16$ & $\leq 18$ yr)	46
cor0702 – home schooling: time school work in hrs/day ( $\leq 15$ yr) . . . . .	47
cor0800 – assessment of governmental measures . . . . .	47
cor0900 – impact of corona: health ( $\geq 16$ yr) . . . . .	48
cor0901 – impact of corona: economic situation ( $\geq 16$ yr) . . . . .	48
cor0902 – impact of corona: opportunities for education and training ( $\geq 16$ yr) . .	49
cor0903 – impact of corona: personal freedom ( $\geq 16$ yr) . . . . .	49
cor0904 – impact of corona: social life ( $\geq 16$ yr) . . . . .	50
cor0905 – impact of corona: health ( $\leq 15$ yr) . . . . .	51
cor0906 – impact of corona: performance at school ( $\leq 15$ yr) . . . . .	51
cor0907 – impact of corona: relationships with other people ( $\leq 15$ yr) . . . . .	52

cor1000 – stress & strain: social isolation / loneliness ( $\geq 16$ yr) . . . . .	53
cor1001 – stress & strain: being separated from important people ( $\geq 16$ yr) . . . . .	53
cor1002 – stress & strain: lack of leisure activities ( $\geq 16$ yr) . . . . .	54
cor1003 – stress & strain: unregulated daily routine/weekly rhythm ( $\geq 16$ yr) . . . . .	55
cor1004 – stress & strain: increased need for childcare ( $\geq 16$ yr) . . . . .	55
cor1005 – stress & strain: home schooling of children ( $\geq 16$ yr) . . . . .	56
cor1006 – stress & strain: overwork at job ( $\geq 16$ yr) . . . . .	57
cor1007 – stress & strain: restriction of civil rights ( $\geq 16$ yr) . . . . .	57
cor1008 – stress & strain: seeing friends and relatives less often ( $\leq 15$ yr) . . . . .	58
cor1009 – stress & strain: sports less often ( $\leq 15$ yr) . . . . .	59
cor1010 – stress & strain: unregulated daily routine ( $\leq 15$ yr) . . . . .	59
cor1011 – stress & strain: schooling at home ( $\leq 15$ yr) . . . . .	60
cor1200 – stress & support: more arguments at home . . . . .	61
cor1201 – stress & support: worse mood at home . . . . .	61
cor1202 – stress & support: better family life at home . . . . .	62
cor1203 – stress & support: more cohesion at home . . . . .	62
cor1204 – stress & support: more activities at home together . . . . .	63
cor1205 – stress & support: more appreciation by other family members . . . . .	63
cor1206 – stress & support: socializing with friends or relatives . . . . .	64
cor1400 – behavioral changes: washing/disinfecting hands ( $\geq 16$ yr) . . . . .	64
cor1401 – behavioral changes: shopping super markets ( $\geq 16$ yr) . . . . .	65
cor1402 – behavioral changes: visiting public places/events ( $\geq 16$ yr) . . . . .	66
cor1403 – behavioral changes: use of public transport ( $\geq 16$ yr) . . . . .	66
cor1404 – behavioral changes: staying at home ( $\geq 16$ yr) . . . . .	67
cor1405 – behavioral changes: visiting family ( $\geq 16$ yr) . . . . .	68
cor1406 – behavioral changes: meeting with acquaintances and friends ( $\geq 16$ yr) . . . . .	68
cor1407 – behavioral changes: washing hands ( $\leq 15$ yr) . . . . .	69
cor1408 – behavioral changes: shopping supermarkets ( $\leq 15$ yr) . . . . .	69
cor1409 – behavioral changes: visiting public places ( $\leq 15$ yr) . . . . .	70
cor1410 – behavioral changes: use of public transport ( $\leq 15$ yr) . . . . .	71
cor1411 – behavioral changes: staying at home ( $\leq 15$ yr) . . . . .	71
cor1412 – behavioral changes: visiting family ( $\leq 15$ yr) . . . . .	72
cor1413 – behavioral changes: meeting friends ( $\leq 15$ yr) . . . . .	73
cor1500 – resilience: thoughts about changing difficult situations ( $\geq 16$ yr) . . . . .	73
cor1501 – resilience: reactions under control ( $\geq 16$ yr) . . . . .	74
cor1502 – resilience: further development through difficult situations ( $\geq 16$ yr) . . . . .	74
cor1503 – resilience: compensating for setbacks ( $\geq 16$ yr) . . . . .	75
cor1600 – coping strategies: followed official instructions ( $\geq 16$ yr) . . . . .	75
cor1601 – coping strategies: distraction by work or other activities ( $\geq 16$ yr) . . . . .	76
cor1602 – coping strategies: accepting fate ( $\geq 16$ yro.) . . . . .	77
cor1603 – coping strategies: alcohol, smoking, medication ( $\geq 16$ yr) . . . . .	77
cor1604 – coping strategies: maintaining social contacts via tel., skype, etc. ( $\geq 16$ j.) . . . . .	78
cor1605 – coping strategies: doing new things ( $\geq 16$ yr) . . . . .	78
cor1606 – coping strategies: listening to other people who know more ( $\leq 15$ yr) . . . . .	79
cor1607 – coping strategies: distraction by playing, painting, schoolwork ( $\leq 15$ yr) . . . . .	79
cor1608 – coping strategies: accepting fate ( $\leq 15$ yr) . . . . .	80
cor1609 – coping strategies: eating, drinking ( $\leq 15$ yr) . . . . .	80
cor1610 – coping strategies: contact with friends/family via phone, skype, o.a. ( $\leq 15$ yr) . . . . .	81
cor1611 – coping strategies: doing new things ( $\leq 15$ yr) . . . . .	82

<b>13 COVID-19 supplementary survey: current socio-economic situation, behavior and health</b>	<b>82</b>
cov – COVID-19 supplementary survey: wave ID . . . . .	82
<b>14 Para data</b>	<b>83</b>
mon_pq – month individual questionnaire was conducted (gen) . . . . .	83
yea_pq – year individual questionnaire was conducted (gen) . . . . .	83

## 1 How to use the codebook

The codebook includes information and frequencies of all variables that are included in the Scientific Use File of TwinLife. The variables are sorted alphabetically within content-related chapters. The codebook documents the following information for these variables: variable name, variable label, question text (from the major survey instrument - although the question text is usually identical in all survey modes, it may differ in some cases), categories (including the value labels), frequencies, data collections the variable was surveyed in, filter conditions based on the instruments used for the variable, and sources for additional information. The variable label includes information on age groups and person types surveyed. This information serves as rough orientation; for detailed filter conditions of the variable within the instrument/questionnaire, please see the filter conditions documented below the frequency table. Please note: For metric variables or variables with many categories, no frequencies are documented (except for missing categories) in order to avoid long lists of categories. The codebook is based on cross-sectional data.

## 2 Study description

TwinLife is an interdisciplinary longitudinal study that combines perspectives of psychological and sociological theories with behavioral genetic research. The aim of TwinLife is to examine the interplay of the genetic and environmental mechanisms that influence social inequalities over the life course. The study focuses on education and academic performance, career and labor market attainment, integration and participation in social, cultural and political life, quality of life and perceived capabilities, physical and psychological health as well as behavioral issues and deviant behavior. Therefore, more than 4,000 mono- and dizygotic twin couples from four birth cohorts and their families are interviewed alternately in person and by telephone every year. The population of the TwinLife study are families with same-sex twins in Germany who were 5, 11, 17, and 22-24 years old at the first interview in 2014 or 2015. Thus, birth cohorts are defined as follows:

subsample A: - cohort 1: 2009 - cohort 2: 2003 - cohort 3: 1997 - cohort 4: 1990/1991

subsample B: - cohort 1: 2010 - cohort 2: 2004 - cohort 3: 1998 - cohort 4: 1992/1993

More detailed information you can find on our documentation website <https://www.twin-life.de/documentation/>.

## 3 COVID-19 Supplementary Survey (Cov 1)

The supplemental COVID-19 survey aimed to *retrospectively* assess behaviors, attitudes, stresses, health, and socioeconomic changes during the first wave of the COVID-19 pandemic beginning in March 2020 and continuing until the first relaxation of the strict lockdown measures.

The field period for CoV1 was from July 24, 2020 to November 15, 2020 (both subsamples). Sub-sample A includes 813 families. Sub-sample B includes 755 families. Thus, a total of 1,568 families participated in the CoV 1 survey.

Target persons include:

- both twins
- parents of the twins
- step-parents of the twins living in the same household
  
- one sibling

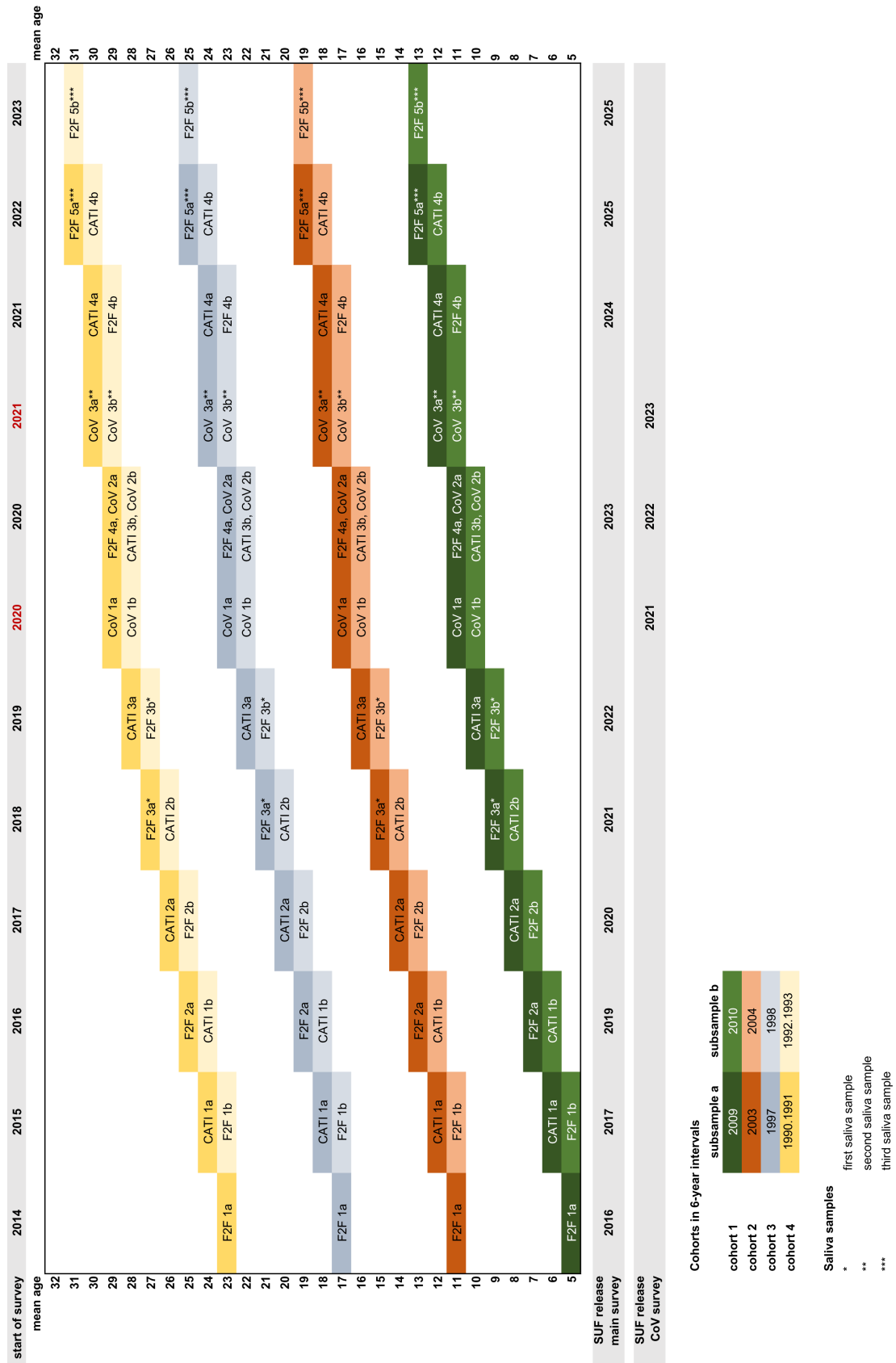


Figure 1: Overview of data collections in TwinLife

## 4 Identifiers: IDs on wave, family, household and individual level

This chapter contains information on: identifier on family level; identifier on individual level; wave identifier.

### fid – family ID (scientific use file)

---

-85	-85: unknown	0
-86	-86: not available/empty/not codable	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Waves:* F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

*Filter based on instrument:* always asked/always generated

### pid – person ID (scientific use file)

---

-85	-85: unknown	0
-86	-86: not available/empty/not codable	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Waves:* F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

*Filter based on instrument:* always asked/always generated

### wid – data collection ID - consecutively numbered (gen)

---

1	1: F2F 1	0
2	2: CATI 1	0
3	3: F2F 2	0
4	4: CATI 2	0
5	5: F2F 3	0
6	6: CATI 3	0
7	7: F2F 4	0
8	8: CATI 4	0
9	9: F2F 5	0
10	10: COVID-19 Supplementary Survey (Cov 1)	4268



11	11: COVID-19 Supplementary Survey (Cov 2)	0
12	12: COVID-19 Supplementary Survey (Cov 3)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Waves: F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

Filter based on instrument: always asked/always generated

## 5 Identifiers: Indicator and sample variables

This chapter contains information on: person types; sample information; wave identifier.

### cgr – twin birth cohort

---

1	1: twins born 2009/2010	1298
2	2: twins born 2003/2004	1334
3	3: twins born 1997/1998	926
4	4: twins born 1990-1993	710
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Waves: F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

Filter based on instrument: always asked/always generated

### ptyp – type of respondent

---

1	1: firstborn twin - t	1020
2	2: secondborn twin - u	1012
110	110: partner of first interviewed twin - p	0
120	120: partner of second interviewed twin - q	0
200	200: sibling - s	397
201	201: sibling not participating	0
300	300: mother - m	1014
400	400: father - f	791
500	500: partner of mother - g	26
600	600: partner of father - n	8
700	700: other person (not surveyed)	0

800	800: unknown person type	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Waves:* F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

*Filter based on instrument:* always asked/always generated

### wav0100 – subsample (gen)

---

1	1: Sample A (start 2014/15)	2248
2	2: Sample B (start 2015/16)	2020
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Waves:* F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

*Question text:*

*Filter based on instrument:* always asked/always generated

*Generated variable*

**wav0100** specifies to which subsample of the whole TwinLife sample a family belongs: a (whose survey started in 2014/2015) or b (whose survey started in 2015/2016). For details about the survey and sampling design of TwinLife, see the methodology report of the first TwinLife survey wave ([URL Link](#)).

## 6 Socio-demographics

This chapter contains information on: ; socio-demographic information.

### age0100 – age in years on the date of the family questionnaire (gen)

---

-85	-85: unknown	0
-86	-86: not available/empty/not codable	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0

-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Waves: F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

Question text:

Filter based on instrument: always asked/always generated

Generated variable

**age0100** gives the age in years to the nearest month at the time of the family questionnaire. This means that the actual date of birth was set to the first day of the month and then the age was calculated. For reasons of data protection, the age in years to the day on the date of the family questionnaire (without change of the day of birth, as in **age0110**) cannot be released in the scientific use file. However, **age0110** is used to filter the questions. In most cases, **age0100** and **age0110** are identical. All age variables are based on the respondent's date of birth. This specification can be corrected by the respondent in each wave and is plausibilized longitudinally for further data processing. In the case of inconsistencies in an individual's date of birth, the most frequently given date of birth is used. If two dates of birth are equally frequent, the most recent is taken. Note that **age0100** in Cov3 is the age at the time of the individual questionnaire, as no family questionnaire is available in the Corona supplement.

#### **age0101** – age in months on the date of the family questionnaire (gen)

---

-85	-85: unknown	0
-86	-86: not available/empty/not codable	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Waves: F2F 1; CATI 1; F2F 2; F2F 3; CoV 1; CoV 3

Question text:

Filter based on instrument: always asked/always generated

Generated variable

**age0101** gives the age in months at the time of the family questionnaire, rounded up to the nearest month. This means that the actual date of birth was set to the first day of the month and then the age in months was calculated. All age variables are based on the date of birth given by the respondent. This specification can be corrected by the respondent in each wave and is plausibilized longitudinally for further data processing. In the case of inconsistencies in an individual's date of birth, the most frequently given date of birth is used. If two dates of birth are equally frequent, the most recent is taken. Note that **age0101** in Cov3 is the age at the time of the individual questionnaire, as no family questionnaire is available in the Corona supplement.

#### **age0200** – age in years on 01 January of survey year of subsample (gen)

---

-85	-85: unknown	0
-----	--------------	---

-86	-86: not available/empty/not codable	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Waves: F2F 1; CATI 1; F2F 2; F2F 3; CoV 1; CoV 3

Question text:

Filter based on instrument: always asked/always generated

Generated variable

**age0200** specifies the age in years at January 1st of the (main) survey year of the subsample. The survey year is defined uniformly for the entire subsample in each wave, although in reality it may differ across families (see variable **yea\_fq**). The defined survey years are: F2F 1 subsample a: 2015; F2F 1 subsample b: 2016; CATI 1a: 2016; CATI 1b: 2017; F2F 2a: 2017; F2F 2b: 2018; CATI 2a: 2018; CATI 2b: 2019. All age variables are based on the date of birth provided by the respondent. The specification can be corrected by the respondent in each wave and is plausibilized longitudinally for further data processing. In cases of inconsistent birth date information of an individual, the the most frequently cited date of birth is adopted. If two dates of birth were mentioned equally often, the latest specification is adopted.

**age0201** – age in months on 01 January of survey year of subsample (gen)

---

-85	-85: unknown	0
-86	-86: not available/empty/not codable	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Waves: F2F 1; CATI 1; F2F 2; F2F 3; CoV 1; CoV 3

Question text:

Filter based on instrument: always asked/always generated

Generated variable

**age0201** specifies the age in months at January 1st of the (main) survey year of the subsample. The survey year is defined uniformly for the entire subsample in each wave, although in reality it may differ across families (see variable **yea\_fq**). The defined survey years are: F2F 1 subsample a: 2015; F2F 1 subsample b: 2016; CATI 1a: 2016; CATI 1b: 2017; F2F 2a: 2017; F2F 2b: 2018; CATI 2a: 2018; CATI 2b: 2019. All age variables are based on the date of birth provided by the respondent. The specification can be corrected by the respondent in each wave and is plausibilized longitudinally for further data processing. In cases of inconsistent birth date information of an individual, the the most frequently cited date of birth is adopted. If two dates of birth were mentioned equally often, the latest specification is adopted.

**age0400** – age in years prior to start of survey CoV1 (gen)

-85	-85: unknown	0
-86	-86: not available/empty/not codable	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	1

Waves: CoV 1; CoV 3

Question text:

Filter based on instrument: always asked/always generated

Generated variable

**age0400** is specified as the age in years prior to the start of the CoV1 survey, which is defined as June 1st 2020.

**sex** – sex

1	1: male	1876
2	2: female	2392
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Waves: F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

Question text:

Filter based on instrument: always asked/always generated

Generated variable

In each face-to-face survey, there is an option to correct the gender of family members. In general, the last reported gender is included in the dataset. In the F2F4 questionnaire, the gender category 'divers' (third gender) has been introduced. However, as gender is a quasi-identifying attribute, the third category is not provided in the SUF for data protection reasons, as this category has rarely been selected so far. Changes in the gender identity of twins are also not reported in the SUF for data protection reasons.

## 7 Family structure and household characteristics

This chapter contains information on: characteristics of family members (name, age, gender of twins; name, age, gender and relation to twins of siblings and parents who don't live in household; partners of twins).

**fpr0107** – relation to the twins

---

11	11: firstborn twin	1021
12	12: secondborn twin	1011
21	21: biological mother	1006
22	22: biological father	785
23	23: adoptive mother	6
24	24: adoptive father	6
25	25: foster mother	3
26	26: foster father	1
28	28: non-biological father, pregnancy by semen donor	0
31	31: partner of mother	24
32	32: partner of father	8
41	41: full biological sibling (both parents are the same as twins)	370
42	42: half sibling (mother is the same as twins)	21
43	43: half sibling (father is the same as twins)	2
44	44: half sibling (one of the parents is the same as twins, which one is unknown)	3
...	(5 rows omitted)	1
61	61: partner of firstborn twin	0
62	62: partner of secondborn twin	0
71	71: other relative	0
72	72: other non-relative	0
81	81: child of firstborn twin	0
82	82: child of secondborn twin	0
90	90: unknown relationship to twins	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Waves: F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

Question text:

Filter based on instrument: always asked/always generated

Generated variable

Please note: biological siblings can also be adopted or foster siblings in TwinLife. For this reason, no corrections will be made if the mother's age, the sibling's birth year and the information in fpr0107 together seem implausible.

## 8 Migration and citizenship

This chapter contains information on: year of immigration, country of birth, residential status, language spoken at home.

**mig0520** – german citizenship available (gen)

---

1	1: yes	4175
2	2: no	84
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	2
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	6
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	1

Waves: F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

Question text:

Filter based on instrument: always asked/always generated

Generated variable

**mig0520**, which is part of the master file of the Scientific Use File, includes all available information on the personal level and displays whether the individual has the German citizenship or not (1: yes or 2: no). In the first face-to-face data collection (F2F 1) the citizenship was surveyed in a multicoding format as a self-report and a proxy-report of parents about their children, offering the respondent to mention one or several citizenships and give open answers (**mig0500(t/u/s)** - **mig0519(t/u/s)**). In the second face-to-face data collection (F2F 2), it was explicitly asked for the first citizenship as well as for the second citizenship, if applicable (including the offering of an open answer). The corresponding variables are **mig0550(t/u/s)** - **mig0553(t/u/s)**. The citizenship was surveyed of all respondents in both F2F 1 and F2F 2. It is stored, like the other migration variables, as constant variable in the master. In cases where the information given in F2F 2 differed from the one given in F2F 1, the latest information was used for the generation of **mig0520**.

Source: Adapted from: TNS Infratest Sozialforschung. (2014). SOEP 2014 - Erhebungsinstrumente 2014 (Welle 31) des Sozio-oekonomischen Panels: Lebenslauffragebogen, Altstichproben [Survey instruments 2014 (wave 31) of the Socio-Economic Panel: Life Course Questionnaire, Age Samples] (237: Series A; SOEP Survey Papers). DIW/SOEP. [URL link]

### **mig0620** – German citizenship since (year) (gen)

9996	9996: since birth	3846
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	4
-92	-92: no participation in survey module	51
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	233
-98	-98: don't know	16
-99	-99: not specified (refused to answer)	2

Waves: F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

Question text:

Filter based on instrument: always asked/always generated

Generated variable

**mig0620** indicates the year in which German citizenship was granted. **mig0620** was generated on the basis of **mig0600** (self-reports) and **mig0600[t,u,s]** (parents' proxy statements) from

F2F1 and, in the case of newly interviewed siblings, on the basis of *mig0600s* from F2F2. In *mig0620*, missing or even valid values for year of citizenship from F2F1 were replaced by valid information on year of citizenship from F2F2. This is only the case for a small number of siblings. Missing information on *mig0620* when German citizenship is available can be explained by the fact that certain persons did not receive the question, i.e. Alteri in F2F1, persons who were asked about their citizenship for the first time in F2F2 or later, or person who were asked about their citizenships in F2F2 again.

*TNS Infratest Sozialforschung. (2014). SOEP 2014 - Erhebungsinstrumente 2014 (Welle 31) des Sozio-oekonomischen Panels: Lebenslauffragebogen, Altstichproben [Survey instruments 2014 (wave 31) of the Socio-Economic Panel: Life Course Questionnaire, Age Samples] (237: Series A; SOEP Survey Papers). DIW/SOEP. [URL link]*

### **mig2000** – country of birth (gen)

1	1: Germany	4009
2	2: Turkey	10
3	3: Africa	2
4	4: Arabic-islamic world	11
5	5: Asia	5
6	6: Latin America	10
7	7: North America and Australia	12
8	8: Western Europe	40
9	9: Eastern Europe	53
10	10: Southern Europe	12
11	11: Western Balkan	9
12	12: Former Sovjet Union	35
-81	-81: contradictory information	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	15
-92	-92: no participation in survey module	3
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	41
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	1

Waves: F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

Question text:

Filter based on instrument: always asked/always generated

Generated variable

The country of birth was surveyed in the first face-to-face data collection (F2F 1) as a self-report (respondents aged 16 or above, **mig0100**, **mig0101**), proxy-report of parents about their children aged below 16 (twins and sibling, **mig0100t/u/s**, **mig0101t/u/s**) as well as a proxy-report about the own parents (**mig0300**, **mig0301**, **mig0400**, **mig0401**; persons aged 16 or above). In F2F 2 only first-time respondents were asked for their country of birth. In F2F 3, the country of birth was not surveyed. The information was collected by providing a list as well as the opportunity to give an open answer. For data privacy reasons the answers were recoded into country groups and stored in generated variables, where the self-reports and the proxy-reports of parents about their children were integrated into **mig2000**. Please note that proxy information by the twins or the sibling about the country of birth of their parents



is *not* used for the generation of **mig2000** (e.g. **mig0300** for the generation of **mig2000** of the twin's mother, etc.). The treatment of missing values is addressed in **mig3000**. It can be derived from the table *mig2000\_countrygroups.pdf* (URL Link) in the downloads section (URL Link) of the TwinLife documentation website which countries were included in which group. Please also note that different statements of twins about their country of birth are not harmonized. In about 20 cases/twin pairs the given information differs between the twins. The treatment of contradicting information is addressed in **mig3000**. **mig2000** is stored in the master data set.

Source: Adapted from: TNS Infratest Sozialforschung. (2014). SOEP 2014 - Erhebungsinstrumente 2014 (Welle 31) des Sozio-oekonomischen Panels: Jugendfragebogen, Altstichproben. [Survey instruments 2014 (wave 31) of the Socio-Economic Panel: Youth Questionnaire, Age Samples] (238: Series A; SOEP Survey Papers). DIW/SOEP. [URL link]

### **mig2001** – born in the GDR (gen)

0	0: not born in the GDR	3952
1	1: born in the GDR	256
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	15
-92	-92: no participation in survey module	3
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	41
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	1

Waves: F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

Question text:

Filter based on instrument: always asked/always generated

Generated variable

The information whether a person was born in the German Democratic Republic (GDR) is stored in the variables **mig2001** (self-report), **mig2101** (respondent's report about mother) and **mig2201** (respondent's report about father). It is generated on the basis of the country of birth and considers whether the person was born during the existence of the GDR between 7/10/1949 and 2/10/1990. **mig0100** contains the answer on the question 'What country you were born in?'; 2 is the answer 'Germany, former GDR'. **mig0101** contains the open answers to the question. **gebdatg** is the individual birth date as the number of days since 01/01/1960; -3738 corresponds to the date 07/10/1949 and 11232 to the date 02/10/1990.

```
replace mig2001 = 1 if (mig0100 == 2 | mig0101 == 'Ostdeutschland' | mig0101 == 'DDR')
3738,11232)
```

```
replace mig2001 = 0 if (mig0100 == 2 | mig0101 == 'Ostdeutschland' | mig0101 == 'DDR')
3738,11232)
```

The variable is stored in the master data set.

Source: Adapted from: TNS Infratest Sozialforschung. (2014). SOEP 2014 - Erhebungsinstrumente 2014 (Welle 31) des Sozio-oekonomischen Panels: Jugendfragebogen, Altstichproben. [Survey instruments 2014 (wave 31) of the Socio-Economic Panel: Youth Questionnaire, Age Samples] (238: Series A; SOEP Survey Papers). DIW/SOEP. [URL link]

**mig2100** – country of birth of respondent's mother (gen)

1	1: Germany	2312
2	2: Turkey	24
3	3: Africa	3
4	4: Arabic-islamic world	16
5	5: Asia	6
6	6: Latin America	12
7	7: North America and Australia	9
8	8: Western Europe	61
9	9: Eastern Europe	149
10	10: Southern Europe	18
11	11: Western Balkan	21
12	12: Former Sovjet Union	51
-81	-81: contradictory information	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	18
-92	-92: no participation in survey module	14
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	1551
-98	-98: don't know	2
-99	-99: not specified (refused to answer)	1

Waves: F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

Question text:

Filter based on instrument: always asked/always generated

Generated variable

The country of birth was surveyed in the first face-to-face data collection (F2F 1) as a self-report (respondents aged 16 or above, **mig0100**, **mig0101**), proxy-report of parents about their children aged below 16 (twins and sibling, **mig0100t/u/s**, **mig0101t/u/s**) as well as a proxy-report about the own parents (**mig0300**, **mig0301**, **mig0400**, **mig0401**; persons aged 16 or above). In F2F 2 only first-time respondents were asked for their country of birth. In F2F 3, the country of birth was not surveyed. The information was collected by providing a list as well as the opportunity to give an open answer. For data privacy reasons the answers were recoded into country groups and stored in generated variables, where the proxy-reports of the twins and the sibling about their parents were integrated into **mig2100** and **mig2200**. Please note that self-reports of the parents about the country of their birth are *not* used for the generation of **mig2100** and **mig2200** (e.g. **mig0100** of the twins' mother for the generation of **mig2100**, etc.). For an extension of the generation, see **mig3100** and **mig3200**. It can be derived from the table *mig2000\_countrygroups.pdf* (URL Link) in the downloads section (URL Link) of the TwinLife documentation website which countries were included in which group. Please also note that different statements of twins and the sibling about the country of birth of their parents are not harmonized. In about 30 cases the given information differs between the siblings. The treatment of contradicting information is addressed in **mig3100** and **mig3200**. **mig2100** is stored in the master data set.

Source: Adapted from: TNS Infratest Sozialforschung. (2014). *SOEP 2014 - Erhebungsinstrumente 2014 (Welle 31) des Sozio-oekonomischen Panels: Jugendfragebogen, Altstichproben*. [Survey instruments 2014 (wave 31) of the Socio-Economic Panel: Youth Questionnaire, Age Samples] (238: Series A; SOEP Survey Papers). DIW/SOEP. [URL link]

**mig2101** – born in the GDR - respondent's mother (gen)

0	0: not born in the GDR	2423
1	1: born in the GDR	259
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	18
-92	-92: no participation in survey module	14
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	1551
-98	-98: don't know	2
-99	-99: not specified (refused to answer)	1

Waves: F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

Question text:

Filter based on instrument: always asked/always generated

Generated variable

The information whether a person was born in the German Democratic Republic (GDR) is stored in the variables **mig2001** (self-report), **mig2101** (respondent's report about mother) and **mig2201** (respondent's report about father). It is generated on the basis of the country of birth and considers whether the person was born during the existence of the GDR between 7/10/1949 and 2/10/1990. **mig0300** contains the answer on the question 'What country was your mother born in?'; 2 is the answer 'Germany, former GDR'. **mig0301** contains the open answers to the question. **gebdatg** is the individual birth date as the number of days since 01/01/1960; -3738 corresponds to the date 07/10/1949 and 11232 to the date 02/10/1990.

```
replace mig2101 = 1 if (mig0300 == 2 | mig0301 == 'Ostdeutschland' | mig0301 == 'DDR')
& inrange(gebdatg,-3738,11232)
replace mig2101 = 0 if (mig0300 == 2 | mig0301 == 'Ostdeutschland' | mig0301 == 'DDR')
& !inrange(gebdatg,-3738,11232)
```

The variable is stored in the master data set.

Source: Adapted from: TNS Infratest Sozialforschung. (2014). *SOEP 2014 - Erhebungsinstrumente 2014 (Welle 31) des Sozio-oekonomischen Panels: Jugendfragebogen, Altstichproben*. [Survey instruments 2014 (wave 31) of the Socio-Economic Panel: Youth Questionnaire, Age Samples] (238: Series A; SOEP Survey Papers). DIW/SOEP. [URL link]

**mig2200** – country of birth of respondent's father (gen)

1	1: Germany	2290
2	2: Turkey	21
3	3: Africa	5
4	4: Arabic-islamic world	14
5	5: Asia	10
6	6: Latin America	9
7	7: North America and Australia	12
8	8: Western Europe	54
9	9: Eastern Europe	175
10	10: Southern Europe	22
11	11: Western Balkan	20

12	12: Former Sovjet Union	45
-81	-81: contradictory information	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	18
-92	-92: no participation in survey module	13
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	1551
-98	-98: don't know	7
-99	-99: not specified (refused to answer)	2

Waves: F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

Question text:

Filter based on instrument: always asked/always generated

Generated variable

The country of birth was surveyed in the first face-to-face data collection (F2F 1) as a self-report (respondents aged 16 or above, **mig0100**, **mig0101**), proxy-report of parents about their children aged below 16 (twins and sibling, **mig0100t/u/s**, **mig0101t/u/s**) as well as a proxy-report about the own parents (**mig0300**, **mig0301**, **mig0400**, **mig0401**; persons aged 16 or above). In F2F 2 only first-time respondents were asked for their country of birth. In F2F 3, the country of birth was not surveyed. The information was collected by providing a list as well as the opportunity to give an open answer. For data privacy reasons the answers were recoded into country groups and stored in generated variables, where the proxy-reports of the twins and the sibling about their parents were integrated into **mig2100** and **mig2200**. Please note that self-reports of the parents about the country of their birth are *not* used for the generation of **mig2100** and **mig2200** (e.g. **mig0100** of the twins' father for the generation of **mig2200**, etc.). For an extension of the generation, see **mig3100** and **mig220g**. It can be derived from the table *mig2000\_countrygroups.pdf* (URL Link) in the downloads section (URL Link) of the TwinLife documentation website which countries were included in which group. Please also note that different statements of twins and the sibling about the country of birth of their parents are not harmonized. In about 30 cases the given information differs between the siblings. The treatment of contradicting information is addressed in **mig3100** and **mig3200**. **mig2200** is stored in the master data set.

Source: Adapted from: TNS Infratest Sozialforschung. (2014). *SOEP 2014 - Erhebungsinstrumente 2014 (Welle 31) des Sozio-oekonomischen Panels: Jugendfragebogen, Altstichproben*. [Survey instruments 2014 (wave 31) of the Socio-Economic Panel: Youth Questionnaire, Age Samples] (238: Series A; SOEP Survey Papers). DIW/SOEP. [URL link]

### **mig2201** – born in the GDR - respondent's father (gen)

0	0: not born in the GDR	2422
1	1: born in the GDR	255
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	18
-92	-92: no participation in survey module	13
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	1551
-98	-98: don't know	7
-99	-99: not specified (refused to answer)	2

Waves: F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

Question text:

Filter based on instrument: always asked/always generated

Generated variable

The information whether a person was born in the German Democratic Republic (GDR) is stored in the variables **mig2001** (self-report), **mig2101** (respondent's report about mother) and **mig2201** (respondent's report about father). It is generated on the basis of the country of birth and considers whether the person was born during the existence of the GDR between 7/10/1949 and 2/10/1990. **mig0400** contains the answer on the question 'What country was your father born in?'; 2 is the answer 'Germany, former GDR'. **mig0401** contains the open answers to the question. **gebdatg** is the individual birth date as the number of days since 01/01/1960; -3738 corresponds to the date 07/10/1949 and 11232 to the date 02/10/1990.

```
replace mig2201 = 1 if (mig0400 == 2 | mig0401 == 'Ostdeutschland' | mig0401 == 'DDR')
& inrange(gebdatg,-3738,11232)
replace mig2201 = 0 if (mig0400 == 2 | mig0401 == 'Ostdeutschland' | mig0401 == 'DDR')
& !inrange(gebdatg,-3738,11232)
```

The variable is stored in the master data set.

Source: Adapted from: TNS Infratest Sozialforschung. (2014). *SOEP 2014 - Erhebungsinstrumente 2014 (Welle 31) des Sozio-oekonomischen Panels: Jugendfragebogen, Altschichtenproben*. [Survey instruments 2014 (wave 31) of the Socio-Economic Panel: Youth Questionnaire, Age Samples] (238: Series A; SOEP Survey Papers). DIW/SOEP. [URL link]

### **mig3000** – country of birth - extended (gen)

1	1: Germany	4016
2	2: Turkey	9
3	3: Africa	2
4	4: Arabic-islamic world	11
5	5: Asia	5
6	6: Latin America	10
7	7: North America and Australia	12
8	8: Western Europe	40
9	9: Eastern Europe	53
10	10: Southern Europe	11
11	11: Western Balkan	8
12	12: Former Sovjet Union	35
-81	-81: contradictory information	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	12
-92	-92: no participation in survey module	3
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	40
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	1

Waves: F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

Question text:

Filter based on instrument: always asked/always generated

*Generated variable*

The variable **mig3000** is an extended and harmonized version of **mig2000** and combines all available information on respondents' country of birth. For those cases where the parents' self-report is not available, the information provided by the twins or the sibling about their biological parents' countries of birth is used (e.g. **mig2100** for the generation of **mig3000** of the twin's mother, etc.). If the twins' and the sibling's statements about their parents' countries of birth differ, the statement that is shared by two out of the three is designated as the parent's country of birth. Missing information of one of the twins is filled in with the information of the other twin. If the information about the twins' country of birth is contradicting, Germany is designated as the country of birth if at least one twin indicated to be born in Germany. The value -81 (contradictory information) is assigned for cases with no unambiguous information about the twins' country of birth.

**mig3000** is stored in the master data set.

Source: Adapted from: TNS Infratest Sozialforschung. (2014). SOEP 2014 - Erhebungsinstrumente 2014 (Welle 31) des Sozio-oekonomischen Panels: Jugendfragebogen, Altstichproben. [Survey instruments 2014 (wave 31) of the Socio-Economic Panel: Youth Questionnaire, Age Samples] (238: Series A; SOEP Survey Papers). DIW/SOEP. [URL link]

**mig3100** – country of birth of respondent's mother - extended (gen)

1	1: Germany	3602
2	2: Turkey	38
3	3: Africa	4
4	4: Arabic-islamic world	30
5	5: Asia	20
6	6: Latin America	27
7	7: North America and Australia	11
8	8: Western Europe	93
9	9: Eastern Europe	191
10	10: Southern Europe	26
11	11: Western Balkan	28
12	12: Former Sovjet Union	95
-81	-81: contradictory information	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	14
-92	-92: no participation in survey module	3
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	83
-98	-98: don't know	2
-99	-99: not specified (refused to answer)	1

Waves: F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

Question text:

Filter based on instrument: always asked/always generated

*Generated variable*

The variable **mig3100** is an extended and harmonized version of **mig2100** and combines all available information on the country of birth of the respondent's mother. For the twins and the sibling, the self-reported country of birth of their biological mother (i.e. **mig2000**) is used for the generation of **mig3100**. For those cases where there is no self-reported information



available, the proxy-information provided by the twins or the sibling is used instead (i.e. **mig2100**). If the twins' and the sibling's statements about their mother's country of birth differ, the statement that is shared by two out of the three is designated as the mother's country of birth. If there is no unambiguous information about the mother's country of birth, the value -81 (contradictory information) is assigned.

**mig3100** is stored in the master data set.

Source: Adapted from: TNS Infratest Sozialforschung. (2014). SOEP 2014 - Erhebungsinstrumente 2014 (Welle 31) des Sozio-oekonomischen Panels: Jugendfragebogen, Altstichproben. [Survey instruments 2014 (wave 31) of the Socio-Economic Panel: Youth Questionnaire, Age Samples] (238: Series A; SOEP Survey Papers). DIW/SOEP. [URL link]

### **mig3200** – country of birth of respondent's father - extended (gen)

1	1: Germany	3433
2	2: Turkey	37
3	3: Africa	10
4	4: Arabic-islamic world	27
5	5: Asia	14
6	6: Latin America	16
7	7: North America and Australia	17
8	8: Western Europe	73
9	9: Eastern Europe	202
10	10: Southern Europe	31
11	11: Western Balkan	32
12	12: Former Sovjet Union	70
-81	-81: contradictory information	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	14
-92	-92: no participation in survey module	6
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	279
-98	-98: don't know	6
-99	-99: not specified (refused to answer)	1

Waves: F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

Question text:

Filter based on instrument: always asked/always generated

Generated variable

The variable **mig3200** is an extended and harmonized version of **mig2200** and combines all available information on the country of birth of the respondent's father. For the twins and the sibling, the self-reported country of birth of their biological father (i.e. **mig2000**) is used for the generation of **mig3200**. For those cases where there is no self-reported information available, the proxy-information provided by the twins or the sibling is used instead (i.e. **mig2200**). If the twins' and the sibling's statements about their father's country of birth differ, the statement that is shared by two out of three is designated as the father's country of birth. If there is no unambiguous information about the father's country of birth, the value -81 (contradictory information) is assigned. **mig3200** is stored in the master data set.

Source: Adapted from: TNS Infratest Sozialforschung. (2014). SOEP 2014 - Erhebungsinstrumente 2014 (Welle 31) des Sozio-oekonomischen Panels: Jugendfragebogen, Altstichproben. [Survey instruments 2014 (wave 31) of the Socio-Economic Panel: Youth Questionnaire, Age Samples] (238: Series A; SOEP Survey Papers). DIW/SOEP. [URL link]

### **mig4000** – migration background (t,u,s, up to the 3rd generation) (gen)

0	0: no migration background	1540
1	1: 1st generation	37
2	2: 2nd generation	375
3	3: 3rd generation	410
-86	-86: not available/empty/not codable	26
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	12
-92	-92: no participation in survey module	3
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	1864
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	1

Waves: F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

Question text:

Filter based on instrument: always asked/always generated

Generated variable

The variable **mig4000** is based on **mig3000**, **mig3100**, and **mig3200** and contains information on the twins and the sibling's migration background up to the third generation. The variable indicates whether the twins' or the sibling were born in Germany (0); born abroad (1); have no personal migration but migration of at least one parent (2); no personal nor migration of either parent but migration of at least one grandparent (3). The migration background was constructed for twins with at least one (grand-)parental information available. In cases where the information on the country of birth is contradicting but it is known that the respondent is born abroad, the information about the foreign birth is used without considering the particular country. Twins and siblings with missing information on both parents or all grandparents were assigned the value -86 (not available/empty/not codable). Please note, **mig4000** only considers information about biological parents. The variable is stored in the master data set.

Source: Adapted from: Olczyk, M., Will, G., & Kristen, C. (2016). Immigrants in the NEPS: Identifying generation status and group of origin (No. 4; NEPS Survey Paper). Leibniz Institute for Educational Trajectories, National Educational Panel Study. [URL link]

### **mig4100** – migration background (up to the 2nd generation) (gen)

0	0: no migration background	3354
1	1: 1st generation	196
2	2: 2nd generation	593
-86	-86: not available/empty/not codable	69
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	12



-92	-92: no participation in survey module	3
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	40
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	1

Waves: F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

Question text:

Filter based on instrument: always asked/always generated

Generated variable

The variable **mig4100** is based on **mig3000**, **mig3100**, and **mig3200** and contains information on respondents' migration background up to the second generation. The variable indicates whether respondents were born in Germany (0); born in a country other than Germany (1); or have no personal migration but migration of at least one parent (2). The migration background was constructed for respondents with at least one parental information available. In cases where the information on the country of birth is contradicting but it is known that the respondent was born abroad, the information about the foreign birth is used without considering the particular country. Respondents with missing information on both parents were assigned the value -86 (not available/empty/not codable). Please note, **mig4100** only considers information about biological parents. The variable is stored in the master data set. Source: Adapted from: Olczyk, M., Will, G., & Kristen, C. (2016). *Immigrants in the NEPS: Identifying generation status and group of origin* (No. 4; NEPS Survey Paper). Leibniz Institute for Educational Trajectories, National Educational Panel Study. [URL link]

## 9 Zygosity questionnaire

This chapter contains information on: zygosity.

### zyg0102 – zygosity: result questionnaire and DNA in F2F1 (gen)

1	1: monozygotic	1936
2	2: dizygotic	2331
-87	-87: multiple answers	0
-89	-89: no saliva swab test	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	1
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Waves: F2F 1; CATI 1; F2F 2; CATI 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

Question text:

Filter based on instrument: always asked/always generated

Generated variable

For details regarding the generated zygosity variables, see the Technical Report No. 1 (URL Link).

Lenau, F., & Hahn, E. (2017). *Documentation TwinLife Data: Zygosity* (No. 1; TwinLife Technical Report Series). Project TwinLife Genetic and social causes of life chances (Bielefeld University / Saarland University). [URL link]; Lenau, F., Hahn, E., Peters, A.-L., Gottschling, J., Thiel, W., & Spinath, F. M. (2017). *Zygosity Determination in Twin Studies A Validation of Zygosity Questionnaires Using DNA in the German TwinLife Study* (No. 1; TwinLife Working Paper Series). Project TwinLife Genetic and social causes of life chances (Bielefeld University / Saarland University). [URL link]

## 10 Emotional impairment

This chapter contains information on: depressive symptoms, lack of focus; worrying.

### emi0110 – psych. impairment (retrospective): little interest or pleasure ( $\geq 16$ yr)

1	1: not at all	1262
2	2: on single days	1760
3	3: more than half of the days	233
4	4: almost every day	104
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	4
-99	-99: not specified (refused to answer)	3

Waves: CoV 1

Question text: [ITEMBAT] During the initial period of the Corona pandemic, i.e., from March 2020 until the first relaxations, how often did you feel affected by the complains? [item text: little interest or pleasure in your activities]

Filter based on instrument: module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400  $\geq 16$

Source: Adapted from: Graefe, K., Zipfel, S., Herzog, W., & Loewe, B. (2004). Screening psychischer Störungen mit dem Gesundheitsfragebogen fuer Patienten (PHQ-D). *Diagnostica*, 50(4), 171-181. [URL link]

### emi0111 – psych. impairment (retrospective): dejection, hopelessness ( $\geq 16$ yr)

1	1: not at all	1808
2	2: on single days	1307
3	3: more than half of the days	194
4	4: almost every day	53
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0

-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	3
-99	-99: not specified (refused to answer)	1

Waves: CoV 1

*Question text:* [ITEMBAT] During the initial period of the Corona pandemic, i.e., from March 2020 until the first relaxations, how often did you feel affected by the complains? [item text: dejection, melancholy or hopelessness]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: Graefe, K., Zipfel, S., Herzog, W., & Loewe, B. (2004). Screening psychischer Störungen mit dem Gesundheitsfragebogen fuer Patienten (PHQ-D). *Diagnostica*, 50(4), 171-181. [URL link]

### emi0112 – psych. impairment (retrospective): nervousness, anxiety (>=16 yr)

1	1: not at all	1661
2	2: on single days	1423
3	3: more than half of the days	212
4	4: almost every day	67
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	2
-99	-99: not specified (refused to answer)	1

Waves: CoV 1

*Question text:* [ITEMBAT] During the initial period of the Corona pandemic, i.e., from March 2020 until the first relaxations, how often did you feel affected by the complains? [item text: nervousness, anxiety or tension]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: Spitzer, R. L., Kroenke, K., Williams, J. B. W., & Loewe, B. (2006). A Brief Measure for Assessing Generalized Anxiety Disorder: The GAD-7. *Archives of Internal Medicine*, 166(10), 1092. [URL link]

### emi0113 – psych. impairment (retrospective no control over worries (>=16 yr)

1	1: not at all	2299
2	2: on single days	860
3	3: more than half of the days	138
4	4: almost every day	62
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0

-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	4
-99	-99: not specified (refused to answer)	3

Waves: CoV 1

*Question text:* [ITEMBAT] During the initial period of the Corona pandemic, i.e., from March 2020 until the first relaxations, how often did you feel affected by the complains? [item text: not being able to stop or control worries]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: Spitzer, R. L., Kroenke, K., Williams, J. B. W., & Loewe, B. (2006). A Brief Measure for Assessing Generalized Anxiety Disorder: The GAD-7. *Archives of Internal Medicine*, 166(10), 1092. [URL link]

#### emi0114 – psych. impairment (retrospective): difficulty concentrating (>=16 yr)

1	1: not at all	1760
2	2: on single days	1293
3	3: more than half of the days	235
4	4: almost every day	75
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	2

Waves: CoV 1

*Question text:* [ITEMBAT] During the initial period of the Corona pandemic, i.e., from March 2020 until the first relaxations, how often did you feel affected by the complains? [item text: difficulty concentrating]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: Graefe, K., Zipfel, S., Herzog, W., & Loewe, B. (2004). Screening psychischer Störungen mit dem Gesundheitsfragebogen fuer Patienten (PHQ-D). *Diagnostica*, 50(4), 171-181. [URL link]

#### emi0115 – psych. impairment (retrospective): difficulty focusing on goals (>=16 yr)

1	1: not at all	1724
2	2: on single days	1315
3	3: more than half of the days	247

4	4: almost every day	76
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	3
-99	-99: not specified (refused to answer)	1

Waves: CoV 1

*Question text:* [ITEMBAT] During the initial period of the Corona pandemic, i.e., from March 2020 until the first relaxations, how often did you feel affected by the complains? [item text: difficulty focusing on my goals]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Item developed for TwinLife.*

## 11 Quality of home environment

This chapter contains information on: quality of familial environment (existence of bedtime routine, general atmosphere at home).

**hoe1200** – cannot think clearly at home (>=9 J.)

---

1	1: not correct at all	2580
2	2: rather not correct	1036
3	3: partly correct	480
4	4: rather correct	114
5	5: fully correct	46
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	8
-99	-99: not specified (refused to answer)	4

Waves: CoV 1

*Question text:* [ITEMBAT] [IF age>=16] Please indicate the extent to which the following statements were true relative to your home during the initial period of the Corona pandemic, i.e., from March 2020 until the first easing. [IF age<=15] Please indicate the extent to which the following statements were true relative to your home during the initial period of the Corona pandemic. [item text: You couldn't hear yourself think in our home.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=9

Source: Adapted from: Anna D. Johnson, Anne Martin, Jeanne Brooks-Gunn, & Stephen A. Petrill. (2008). *Order in the House! Associations among Household Chaos, the Home Literacy Environment, Maternal Reading Ability, and Children's Early Reading*. *Merrill-Palmer Quarterly*, 54(4), 445-472. [URL link]; Matheny Jr., A. P., Wachs, T. D., Ludwig, J. L., & Phillips, K. (1995). *Bringing order out of chaos: Psychometric characteristics of the confusion, hubbub, and order scale*. *Journal of Applied Developmental Psychology*, 16(3), 429-444. [URL link]

### hoe1300 – at home everything is chaotic ( $\geq 9$ J.)

1	1: not correct at all	2663
2	2: rather not correct	1025
3	3: partly correct	409
4	4: rather correct	128
5	5: fully correct	34
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	5
-99	-99: not specified (refused to answer)	4

Waves: CoV 1

Question text: [ITEMBAT] [IF age $\geq$ 16] Please indicate the extent to which the following statements were true relative to your home during the initial period of the Corona pandemic, i.e., from March 2020 until the first easing. [IF age $\leq$ 15] Please indicate the extent to which the following statements were true relative to your home during the initial period of the Corona pandemic. [item text: It was a real zoo in our home.]

Filter based on instrument: module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400  $\geq 9$

Source: Adapted from: Anna D. Johnson, Anne Martin, Jeanne Brooks-Gunn, & Stephen A. Petrill. (2008). *Order in the House! Associations among Household Chaos, the Home Literacy Environment, Maternal Reading Ability, and Children's Early Reading*. *Merrill-Palmer Quarterly*, 54(4), 445-472. [URL link]; Matheny Jr., A. P., Wachs, T. D., Ludwig, J. L., & Phillips, K. (1995). *Bringing order out of chaos: Psychometric characteristics of the confusion, hubbub, and order scale*. *Journal of Applied Developmental Psychology*, 16(3), 429-444. [URL link]

### hoe1400 – at home everything is under control ( $\geq 9$ J.)

1	1: not correct at all	122
2	2: rather not correct	173
3	3: partly correct	375
4	4: rather correct	1755
5	5: fully correct	1815
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0

-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	15
-99	-99: not specified (refused to answer)	13

Waves: CoV 1

**Question text:** [ITEMBAT] [IF age>=16] Please indicate the extent to which the following statements were true relative to your home during the initial period of the Corona pandemic, i.e., from March 2020 until the first easing. [IF age<=15] Please indicate the extent to which the following statements were true relative to your home during the initial period of the Corona pandemic.

[item text: Normally we had everything "under control" at home.]

**Filter based on instrument:** module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=9

**Source:** Adapted from: Anna D. Johnson, Anne Martin, Jeanne Brooks-Gunn, & Stephen A. Petrill. (2008). *Order in the House! Associations among Household Chaos, the Home Literacy Environment, Maternal Reading Ability, and Children's Early Reading*. *Merrill-Palmer Quarterly*, 54(4), 445-472. [URL link]; Matheny Jr., A. P., Wachs, T. D., Ludwig, J. L., & Phillips, K. (1995). *Bringing order out of chaos: Psychometric characteristics of the confusion, hubbub, and order scale*. *Journal of Applied Developmental Psychology*, 16(3), 429-444. [URL link]

### hoe1600 – at home the atmosphere is quiet (>=9 J.)

1	1: not correct at all	84
2	2: rather not correct	407
3	3: partly correct	748
4	4: rather correct	1768
5	5: fully correct	1250
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	8
-99	-99: not specified (refused to answer)	3

Waves: CoV 1

**Question text:** [ITEMBAT] [IF age>=16] Please indicate the extent to which the following statements were true relative to your home during the initial period of the Corona pandemic, i.e., from March 2020 until the first easing. [IF age<=15] Please indicate the extent to which the following statements were true relative to your home during the initial period of the Corona pandemic.

[item text: The atmosphere in our house was calm.]

**Filter based on instrument:** module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=9

**Source:** Adapted from: Anna D. Johnson, Anne Martin, Jeanne Brooks-Gunn, & Stephen A. Petrill. (2008). *Order in the House! Associations among Household Chaos, the Home Literacy Environment, Maternal Reading Ability, and Children's Early Reading*. *Merrill-Palmer Quarterly*,



54(4), 445-472. [URL link]; Matheny Jr., A. P., Wachs, T. D., Ludwig, J. L., & Phillips, K. (1995). Bringing order out of chaos: Psychometric characteristics of the confusion, hubbub, and order scale. *Journal of Applied Developmental Psychology*, 16(3), 429-444. [URL link]

## 12 COVID-19 supplementary survey: retrospective assessment of socio-economic changes, behavior and health

This chapter contains information on: retrospective: COVID-19-related behavioral changes, resilience, coping; retrospective: evaluation of governmental restrictions; retrospective: health during COVID-19 pandemic; retrospective: perceived threat, stress and burden, psychological impairment; retrospective: socioeconomic changes.

### cor0001 – COVID-19 supplementary survey: interview completed

---

0	0: interview incomplete	7
1	1: interview complete	4261
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

Question text: COVID-19 supplementary survey: interview completed

Filter based on instrument: always asked/always generated

### cor0101 – corona disease in the household

---

1	1: yes	55
2	2: no, nobody	3308
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	3
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

Question text: Has anyone in your household ever been infected with coronavirus?

Filter based on instrument: module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

Source: Adapted from: SOEP Group. (2022). SOEP-Core-2020: Corona (SOEP Survey Papers No. 1112; Series A - Survey Instruments (Erhebungsinstrumente)). DIW Berlin/SOEP. [URL link]



**cor0102** – corona quarantine in the household

---

1	1: yes	239
2	2: no	3068
-84	-84: unassignable	0
-85	-85: information not evaluable	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-89	-89: illegible	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	960
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* Has your household been quarantined since the outbreak of the Corona pandemic in Germany?

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): cor0101==2 & age0400 >=16

*Source:* Adapted from: SOEP Group. (2022). SOEP-Core-2020: Corona (SOEP Survey Papers No. 1112; Series A - Survey Instruments (Erhebungsinstrumente)). DIW Berlin/SOEP. [URL link]

**cor0200** – health: general health has worsened

---

1	1: doesn't apply at all	2232
2	2	633
3	3	195
4	4	144
5	5	116
6	6	22
7	7: applies completely	21
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	2

Waves: CoV 1

*Question text:* [ITEMBAT] Thinking about the first period of the Corona crisis, i.e., from March 2020 until the first easing, which of the following statements apply to your health status? [item text: My general health has deteriorated.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Item developed for TwinLife.*

**cor0201** – health: diseases have worsened

---

1	1: doesn't apply at all	2713
2	2	315
3	3	122
4	4	78
5	5	83
6	6	27
7	7: applies completely	21
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	4
-99	-99: not specified (refused to answer)	3

Waves: CoV 1

*Question text:* [ITEMBAT] Thinking about the first period of the Corona crisis, i.e., from March 2020 until the first easing, which of the following statements apply to your health status? [itemtext: Diseases I have suffered from before have worsened.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Item developed for TwinLife.*

**cor0202** – health: avoided regular preventive medical checkups

---

1	1: doesn't apply at all	1772
2	2	366
3	3	298
4	4	276
5	5	225
6	6	114
7	7: applies completely	291
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	8
-99	-99: not specified (refused to answer)	16

Waves: CoV 1

*Question text:* [ITEMBAT] Thinking about the first period of the Corona crisis, i.e., from March 2020 until the first easing, which of the following statements

apply to your health status? [itemtext: I have avoided regular preventive medical checkups.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI):

age0400 >=16

*Item developed for TwinLife.*

### cor0203 – health: avoided doctor visits for acute illnesses

---

1	1: doesn't apply at all	2390
2	2	320
3	3	176
4	4	143
5	5	130
6	6	71
7	7: applies completely	111
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	4
-99	-99: not specified (refused to answer)	21

*Waves:* CoV 1

*Question text:* [ITEMBAT] Thinking about the first period of the Corona crisis, i.e., from March 2020 until the first easing, which of the following statements apply to your health status? [itemtext: I have avoided doctor visits for acute illnesses.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI):

age0400 >=16

*Item developed for TwinLife.*

### cor0204 – health: surgery postponed

---

1	1: doesn't apply at all	3257
2	2	15
3	3	7
4	4	8
5	5	10
6	6	6
7	7: applies completely	42
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0

-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	3
-99	-99: not specified (refused to answer)	18

Waves: CoV 1

*Question text:* [ITEMBAT] Thinking about the first period of the Corona crisis, i.e., from March 2020 until the first easing, which of the following statements apply to your health status? [itemtext: A necessary surgery had to be postponed.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI):  
age0400 >=16

*Item developed for TwinLife.*

### cor0300 – changes in employment status: training/study period extended (>=15 yr)

---

1	1: yes	196
2	2: no	923
-81	-81: does not apply	2400
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	730
-98	-98: don't know	2
-99	-99: not specified (refused to answer)	17

Waves: CoV 1

*Question text:* [ITEMBAT] [If age >= 16] The Corona pandemic and its aftermath has affected people's work situations in many ways. What applied to you during the initial period of the Corona pandemic, i.e., from March 2020 until the first easing? [If age = 15] The Corona pandemic and its aftermath affected people's education and work situation in many ways. What happened to you during the initial period of the Corona pandemic, i.e., from March 2020 until the first relaxations? [item text: [age >= 15] My training/study period has been extended.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI):  
age0400 >=15

*Item developed for TwinLife.*

### cor0301 – changes in employment status: lost training position (>=15 yr)

---

1	1: yes	8
2	2: no	868
-81	-81: does not apply	2660
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0

-95	-95: doesn't apply (screened out)	730
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	2

Waves: CoV 1

*Question text:* [ITEMBAT] [If age >= 16] The Corona pandemic and its aftermath has affected people's work situations in many ways. What applied to you during the initial period of the Corona pandemic, i.e., from March 2020 until the first easing? [If age = 15] The Corona pandemic and its aftermath affected people's education and work situation in many ways. What happened to you during the initial period of the Corona pandemic, i.e., from March 2020 until the first relaxations? [item text: [age >= 15] I have lost my apprenticeship.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=15

*Item developed for TwinLife.*

### cor0302 – changes in employment status: job lost (>=16 yr)

---

1	1: yes	83
2	2: no	1955
-81	-81: does not apply	1327
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	1

Waves: CoV 1

*Question text:* [ITEMBAT] [If age >= 16] The Corona pandemic and its aftermath has affected people's work situations in many ways. What applied to you during the initial period of the Corona pandemic, i.e., from March 2020 until the first easing? [If age = 15] The Corona pandemic and its aftermath affected people's education and work situation in many ways. What happened to you during the initial period of the Corona pandemic, i.e., from March 2020 until the first relaxations? [item text: [age >= 16] I have lost my job.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Item developed for TwinLife.*

### cor0303 – changes in employment status: business discontinued (>=18 yr)

---

1	1: yes	6
2	2: no	912
-81	-81: does not apply	1955
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0

-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	1394
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	1

Waves: CoV 1

*Question text:* [ITEMBAT] [If age >= 16] The Corona pandemic and its aftermath has affected people's work situations in many ways. What applied to you during the initial period of the Corona pandemic, i.e., from March 2020 until the first easing? [If age = 15] The Corona pandemic and its aftermath affected people's education and work situation in many ways. What happened to you during the initial period of the Corona pandemic, i.e., from March 2020 until the first relaxations? [item text: [age >= 18] I had to give up my business.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=18

*Item developed for TwinLife.*

#### cor0304 – changes in employment status: own company threatened in existence (>=18 yr)

1	1: yes	118
2	2: no	1064
-81	-81: does not apply	1691
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	1394
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* [ITEMBAT] [If age >= 16] The Corona pandemic and its aftermath has affected people's work situations in many ways. What applied to you during the initial period of the Corona pandemic, i.e., from March 2020 until the first easing? [If age = 15] The Corona pandemic and its aftermath affected people's education and work situation in many ways. What happened to you during the initial period of the Corona pandemic, i.e., from March 2020 until the first relaxations? [item text: [age >= 18] My business was threatened in its existence.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=18

*Item developed for TwinLife.*

#### cor0305 – changes in employment status: short-time work (>=16 yr)

1	1: yes	344
---	--------	-----

2	2: no	1734
-81	-81: does not apply	1288
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* [ITEMBAT] [If age >= 16] The Corona pandemic and its aftermath has affected people's work situations in many ways. What applied to you during the initial period of the Corona pandemic, i.e., from March 2020 until the first easing? [If age = 15] The Corona pandemic and its aftermath affected people's education and work situation in many ways. What happened to you during the initial period of the Corona pandemic, i.e., from March 2020 until the first relaxations? [item text: [age >= 16] I was on short-time work.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Item developed for TwinLife.*

### cor0306 – changes in employment status: change of occupation (>=16 yr)

1	1: yes	53
2	2: no	2057
-81	-81: does not apply	1254
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	1

Waves: CoV 1

*Question text:* [ITEMBAT] [If age >= 16] The Corona pandemic and its aftermath has affected people's work situations in many ways. What applied to you during the initial period of the Corona pandemic, i.e., from March 2020 until the first easing? [If age = 15] The Corona pandemic and its aftermath affected people's education and work situation in many ways. What happened to you during the initial period of the Corona pandemic, i.e., from March 2020 until the first relaxations? [item text: [age >= 16] I had to change my occupation.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Item developed for TwinLife.*

**cor0307** – changes in employment status: further employment ( $\geq 16$  yr)

1	1: yes	108
2	2: no	2104
-81	-81: does not apply	1152
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	1

Waves: CoV 1

*Question text:* [ITEMBAT] [If age  $\geq 16$ ] The Corona pandemic and its aftermath has affected people's work situations in many ways. What applied to you during the initial period of the Corona pandemic, i.e., from March 2020 until the first easing? [If age = 15] The Corona pandemic and its aftermath affected people's education and work situation in many ways. What happened to you during the initial period of the Corona pandemic, i.e., from March 2020 until the first relaxations? [item text: [age  $\geq 16$ ] I took up another occupation.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400  $\geq 16$

*Item developed for TwinLife.*

**cor0400** – changes in occupational activity: work from home

1	1: -3 (significantly less)	20
2	2: -2	15
3	3: -1	32
4	4: 0 (same)	223
5	5: +1	201
6	6: +2	252
7	7: +3 (significantly more)	709
-81	-81: does not apply, I was not gainfully employed	779
-82	-82: I do not work from home	1127
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	7

Waves: CoV 1

*Question text:* [ITEMBAT] If you think about the first period of the Corona pandemic, i.e. from March 2020 until the first relaxations: To what extent had your



work situation changed compared to before the Corona pandemic? You can grade your answers from -3 (Significantly less) to 0 (Same) to +3 (Significantly more). If you were not employed, please click on 'Does not apply'. If you were not working from home, please click on 'I do not work from home.' [item text: I worked from home]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: SOEP Group. (2022). SOEP-Core-2020: Corona (SOEP Survey Papers No. 1112; Series A - Survey Instruments (Erhebungsinstrumente)). DIW Berlin/SOEP. [URL link]

#### cor0401 – changes in occupational activity: overtime work

---

1	1: -3 (significantly less)	236
2	2: -2	110
3	3: -1	157
4	4: 0 (same)	1229
5	5: +1	301
6	6: +2	226
7	7: +3 (significantly more)	184
-81	-81: does not apply, I was not gainfully employed	137
-82	-82: I do not work from home	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	1681
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	6

Waves: CoV 1

*Question text:* [ITEMBAT] If you think about the first period of the Corona pandemic, that is, from March 2020 until the first relaxations: To what extent had your work situation changed compared to before the Corona pandemic? You can grade your answers from -3 (Significantly less) to 0 (Same) to +3 (Significantly more). [item text: I worked overtime]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16 & cor0400 !=-81

*Source:* Adapted from: SOEP Group. (2022). SOEP-Core-2020: Corona (SOEP Survey Papers No. 1112; Series A - Survey Instruments (Erhebungsinstrumente)). DIW Berlin/SOEP. [URL link]

#### cor0402 – changes in occupational activity: flexible working hours

---

1	1: -3 (significantly less)	61
2	2: -2	26
3	3: -1	31
4	4: 0 (same)	1516
5	5: +1	250

6	6: +2	247
7	7: +3 (significantly more)	309
-81	-81: does not apply, I was not gainfully employed	138
-82	-82: I do not work from home	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	1681
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	8

Waves: CoV 1

*Question text:* [ITEMBAT] If you think about the first period of the Corona pandemic, that is, from March 2020 until the first relaxations: To what extent had your work situation changed compared to before the Corona pandemic? You can grade your answers from -3 (Significantly less) to 0 (Same) to +3 (Significantly more). [item text: I had flexible working hours]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16 & cor0400 !=-81

*Source:* Adapted from: SOEP Group. (2022). SOEP-Core-2020: Corona (SOEP Survey Papers No. 1112; Series A - Survey Instruments (Erhebungsinstrumente)). DIW Berlin/SOEP. [URL link]

### cor0403 – changes in occupational activity: scope of employment

1	1: -3 (significantly less)	176
2	2: -2	177
3	3: -1	253
4	4: 0 (same)	1094
5	5: +1	314
6	6: +2	237
7	7: +3 (significantly more)	212
-81	-81: does not apply, I was not gainfully employed	119
-82	-82: I do not work from home	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	1681
-98	-98: don't know	2
-99	-99: not specified (refused to answer)	3

Waves: CoV 1

*Question text:* [ITEMBAT] If you think about the first period of the Corona pandemic, that is, from March 2020 until the first relaxations: To what extent had your work situation changed compared to before the Corona pandemic? You can grade

your answers from -3 (Significantly less) to 0 (Same) to +3 (Significantly more). [item text: The scope of my employment was ...]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI):  
age0400 >=16 & cor0400 !=-81

*Source: Adapted from: SOEP Group. (2022). SOEP-Core-2020: Corona (SOEP Survey Papers No. 1112; Series A - Survey Instruments (Erhebungsinstrumente)). DIW Berlin/SOEP. [URL link]*

### cor0500 – changes in income

---

1	1: income increased	134
2	2: income decreased	402
3	3: income remained unchanged	1894
-81	-81: does not apply, I was not employed.	155
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	1681
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	2

Waves: CoV 1

*Question text:* Did your income from employment (including possible bonuses and co-payments) change during the initial period of the Corona pandemic, i.e., from March 2020 until the first relaxations? Did your income ...

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI):  
age0400 >=16 & cor0400 !=-81

*Source: Adapted from: SOEP Group. (2022). SOEP-Core-2020: Corona (SOEP Survey Papers No. 1112; Series A - Survey Instruments (Erhebungsinstrumente)). DIW Berlin/SOEP. [URL link]*

### cor0600 – work from home: own home office (>=16 yr)

---

1	1: doesn't apply at all	259
2	2	82
3	3	90
4	4	136
5	5	179
6	6	168
7	7: applies completely	541
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	2808
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	5

Waves: CoV 1

*Question text:* [ITEMBAT] Below, we would like to learn more about your work-at-home and home office experiences during the initial period of the Corona pandemic, i.e., from March 2020 until the first relaxations. How much do the following statements apply to you? During the first period of the Corona pandemic ... [item text: I had my own study where I could work in peace.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI):  
age0400 >=16 & !inlist(cor0400,-82,-81)

*Item developed for TwinLife.*

### cor0601 – work from home: unable to work due to poor internet connection (>=16 yr)

---

1	1: doesn't apply at all	737
2	2	286
3	3	126
4	4	114
5	5	103
6	6	47
7	7: applies completely	42
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	2808
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	5

Waves: CoV 1

*Question text:* [ITEMBAT] Below, we would like to learn more about your work-at-home and home office experiences during the initial period of the Corona pandemic, i.e., from March 2020 until the first relaxations. How much do the following statements apply to you? During the first period of the Corona pandemic ... [item text: a poor internet connection prevented me from working.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI):  
age0400 >=16 & !inlist(cor0400,-82,-81)

*Item developed for TwinLife.*

### cor0602 – work from home: temporary workplace (>=16 yr)

---

1	1: doesn't apply at all	477
2	2	211
3	3	126
4	4	176
5	5	194
6	6	115
7	7: applies completely	151
-86	-86: inconclusive specification	0

-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	2808
-98	-98: don't know	2
-99	-99: not specified (refused to answer)	8

Waves: CoV 1

*Question text:* [ITEMBAT] Below, we would like to learn more about your work-at-home and home office experiences during the initial period of the Corona pandemic, i.e., from March 2020 until the first relaxations. How much do the following statements apply to you? During the first period of the Corona pandemic ... [item text: my workplace at home was of a rather provisional nature.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16 & !inlist(cor0400,-82,-81)

*Item developed for TwinLife.*

### cor0603 – work from home: own room (<=18 yr)

1	1: doesn't apply at all	81
2	2	50
3	3	74
4	4	111
5	5	129
6	6	210
7	7: applies completely	770
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	2839
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	3

Waves: CoV 1

*Question text:* [ITEMBAT] [If age <15] To begin, we are interested in how home schooling has been for you so far during the Corona pandemic. First, we want to know about your place of doing your schoolwork at home during the Corona pandemic. How much do the following statements apply to you? [If age = 15] Below we would like to know more about the place where you were doing your schoolwork at home during the first period of the Corona pandemic, i.e., from March 2020 until the first relaxations. How much do the following statements apply to you? [IF age <=18 & >=16 ] Below, we would like to know more about the place where you were doing your schoolwork at home during the first period of the Corona pandemic, i.e., from March 2020 until the first easing. How much do the following statements apply to you? [item text: I had my own

room where I could work in peace.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI):  
age0400 <=18

*Item developed for TwinLife.*

#### cor0604 – work from home: workplace where space was available (<=18 yr)

---

1	1: doesn't apply at all	568
2	2	201
3	3	140
4	4	155
5	5	114
6	6	86
7	7: applies completely	159
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	2839
-98	-98: don't know	4
-99	-99: not specified (refused to answer)	2

*Waves:* CoV 1

*Question text:* [ITEMBAT] [If age <15] To begin, we are interested in how home schooling has been for you so far during the Corona pandemic. First, we want to know about your place of doing your schoolwork at home during the Corona pandemic. How much do the following statements apply to you? [If age = 15] Below we would like to know more about the place where you were doing your schoolwork at home during the first period of the Corona pandemic, i.e., from March 2020 until the first relaxations. How much do the following statements apply to you? [IF age <=18 & >=16 ] Below, we would like to know more about the place where you were doing doing your schoolwork at home during the first period of the Corona pandemic, i.e., from March 2020 until the first easing. How much do the following statements apply to you? [itemtext: I worked where there was room.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI):  
age0400 <=18

*Item developed for TwinLife.*

#### cor0700 – home schooling: time spent helping with schoolwork in hrs/day (>=22 yr)

---

1	1: less than half an hour	429
2	2: half an hour to 1 hour	220
3	3: 1 to 2 hours	222
4	4: 2 to 3 hours	182
5	5: 3 to 4 hours	85
6	6: more than 4 hours	49

-81	-81: does not apply (I do not have a school-age child/no chores had to be done at home)	1486
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	1592
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	3

Waves: CoV 1

*Question text:* During the initial period of the Corona pandemic, i.e. from March 2020 until the first relaxations, schools were closed for an extended period of time or only limited classes were available. Thinking back, on average, how much time did you spend on a normal day helping your children with homework or school work? If you do not have school-age children, please click 'Does not apply' .

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI):  
age0400 >=22

*Item developed for TwinLife.*

#### **cor0701** – home schooling: time spent on schoolwork in hrs/day (>=16 & <=18 yr)

1	1: less than half an hour	29
2	2: half an hour to 1 hour	75
3	3: 1 to 2 hours	110
4	4: 2 to 3 hours	109
5	5: 3 to 4 hours	79
6	6: more than 4 hours	101
-81	-81: does not apply (I had no schoolwork to do)	24
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3741
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* During the initial period of the Corona pandemic, i.e., from March 2020 until the first relaxations, schools were closed for an extended period of time, schools were closed for an extended period of time, or limited classes were available. If you think back to that, how much time did you typically spend sitting at home on schoolwork in a day?

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI):  
age0400 <=18 & age0400 >=16

*Item developed for TwinLife.*



**cor0702** – home schooling: time school work in hrs/day (<=15 yr)

---

1	1: less than half an hour	22
2	2: half an hour to 1 hour	139
3	3: 1 to 2 hours	264
4	4: 2 to 3 hours	230
5	5: 3 to 4 hours	159
6	6: more than 4 hours	80
-81	-81: does not apply (I had no schoolwork to do)	7
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* During the early part of the Corona pandemic, schools were closed for an extended period of time, or limited classes were available. Thinking back, how much time did you usually spend at home on schoolwork in a day?

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 <=15

*Item developed for TwinLife.*

**cor0800** – assessment of governmental measures

---

1	1: totally inappropriate	92
2	2: rather inappropriate	131
3	3: partly/partly	664
4	4: rather appropriate	1278
5	5: completely appropriate	1199
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	2

Waves: CoV 1

*Question text:* What is your assessment of government action to contain the Corona pandemic ?

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Item developed for TwinLife.*

**cor0900** – impact of corona: health ( $\geq 16$  yr)

---

1	1: no threat to me at all	446
2		423
3		664
4		357
5		516
6		312
7		310
8		201
9		65
10	10: extreme threat to me	71
-81	-81: not applicable	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	1

Waves: CoV 1

Question text: [ITEMBAT] If you think back to the early days of the Corona pandemic, that is, from March 2020 until the first easing, how much did you perceive the Corona pandemic as a threat to... [item text: your health]

Filter based on instrument: module 'First COVID-19 Supplementary Questionnaire' (CAWI):  
age0400  $\geq 16$

Source: Adapted from: German Internet Panel (GIP). (2020). Mannheim Corona Study (MCS).  
[URL link]

**cor0901** – impact of corona: economic situation ( $\geq 16$  yr)

---

1	1: no threat to me at all	1090
2		532
3		490
4		267
5		323
6		192
7		218
8		135
9		51
10	10: extreme threat to me	53
-81	-81: not applicable	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0

-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	11
-99	-99: not specified (refused to answer)	4

Waves: CoV 1

*Question text:* [ITEMBAT] If you think back to the early days of the Corona pandemic, that is, from March 2020 until the first easing, how much did you perceive the Corona pandemic as a threat to... [itemtext: your economic situation]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: German Internet Panel (GIP). (2020). Mannheim Corona Study (MCS). [URL link]

### cor0902 – impact of corona: opportunities for education and training (>=16 yr)

---

1	1: no threat to me at all	1480
2		347
3		344
4		193
5		323
6		211
7		212
8		125
9		46
10	10: extreme threat to me	68
-81	-81: not applicable	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	4
-99	-99: not specified (refused to answer)	13

Waves: CoV 1

*Question text:* [ITEMBAT] If you think back to the early days of the Corona pandemic, that is, from March 2020 until the first easing, how much did you perceive the Corona pandemic as a threat to... [itemtext: your opportunities for education and training]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: German Internet Panel (GIP). (2020). Mannheim Corona Study (MCS). [URL link]

### cor0903 – impact of corona: personal freedom (>=16 yr)

---

1	1: no threat to me at all	409
2		319
3		473
4		308
5		442
6		333
7		441
8		383
9		135
10	10: extreme threat to me	119
-81	-81: not applicable	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	2
-99	-99: not specified (refused to answer)	2

Waves: CoV 1

*Question text:* [ITEMBAT] If you think back to the early days of the Corona pandemic, that is, from March 2020 until the first easing, how much did you perceive the Corona pandemic as a threat to... [item text: your personal freedom]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: German Internet Panel (GIP). (2020). Mannheim Corona Study (MCS). [URL link]

#### cor0904 – impact of corona: social life (>=16 yr)

---

1	1: no threat to me at all	210
2		191
3		329
4		260
5		385
6		402
7		554
8		546
9		277
10	10: extreme threat to me	209
-81	-81: not applicable	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902

-98	-98: don't know	1
-99	-99: not specified (refused to answer)	2

Waves: CoV 1

*Question text:* [ITEMBAT] If you think back to the early days of the Corona pandemic, that is, from March 2020 until the first easing, how much did you perceive the Corona pandemic as a threat to... [itemtext: your social life (e.g., your possibilities for meeting new people, maintaining existing contacts)]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: German Internet Panel (GIP). (2020). Mannheim Corona Study (MCS). [URL link]

### cor0905 – impact of corona: health (<=15 yr)

1	1: no threat to me at all	202
2		167
3		159
4		111
5		107
6		58
7		41
8		31
9		11
10	10: extreme threat to me	11
-81	-81: not applicable	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	4
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* [ITEMBAT] If you remember the time when your life was particularly affected by the corona pandemic, how much did you feel the corona virus was a threat to... [itemtext: your health]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 <=15

*Source:* Adapted from: German Internet Panel (GIP). (2020). Mannheim Corona Study (MCS). [URL link]

### cor0906 – impact of corona: performance at school (<=15 yr)

1	1: no threat to me at all	267
2		178

3		133
4		76
5		93
6		59
7		48
8		27
9		13
10	10: extreme threat to me	8
-81	-81: not applicable	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* [ITEMBAT] If you remember the time when your life was particularly affected by the corona pandemic, how much did you feel the corona virus was a threat to... [item text: your performance at school]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 <=15

*Source:* Adapted from: German Internet Panel (GIP). (2020). Mannheim Corona Study (MCS).  
[URL link]

### cor0907 – impact of corona: relationships with other people (<=15 yr)

1	1: no threat to me at all	210
2		152
3		122
4		86
5		87
6		70
7		81
8		52
9		17
10	10: extreme threat to me	21
-81	-81: not applicable	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	3
-99	-99: not specified (refused to answer)	1

Waves: CoV 1

*Question text:* [ITEMBAT] If you remember the time when your life was particularly affected by the corona pandemic, how much did you feel the corona virus was a threat to... [item text: your relationships with other people]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 <=15

*Source:* Adapted from: German Internet Panel (GIP). (2020). Mannheim Corona Study (MCS). [URL link]

### cor1000 – stress & strain: social isolation / loneliness (>=16 yr)

---

1	1: not at all / no burden	643
2		462
3		478
4		254
5		286
6		248
7		292
8		189
9		92
10	10: extreme burden	81
-81	-81: does not apply	338
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	2
-99	-99: not specified (refused to answer)	1

Waves: CoV 1

*Question text:* [ITEMBAT] Thinking about the first period of the Corona crisis, i.e. from March 2020 until the first easing, how much did you experience the following stresses? Unless an area does not concern you, please tick 'Does not apply'. [item text: social isolation / loneliness]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: Witthoeft, M., Jungmann, S. M., Germer, S., & Braescher, A.-K. (2022). Early Adverse Effects of Behavioural Preventive Strategies During the COVID-19 Pandemic in Germany: An Online General Population Survey. [URL link]

### cor1001 – stress & strain: being separated from important people (>=16 yr)

---

1	1: not at all / no burden	374
2		349
3		480
4		286



5		314
6		299
7		359
8		343
9		139
10	10: extreme burden	145
-81	-81: does not apply	277
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* [ITEMBAT] Thinking about the first period of the Corona crisis, i.e. from March 2020 until the first easing, how much did you experience the following stresses? Unless an area does not concern you, please tick 'Does not apply'. [item text: "being separated" from important people]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: Witthoeft, M., Jungmann, S. M., Germer, S., & Braescher, A.-K. (2022). *Early Adverse Effects of Behavioural Preventive Strategies During the COVID-19 Pandemic in Germany: An Online General Population Survey*. [URL link]

#### cor1002 – stress & strain: lack of leisure activities (>=16 yr)

1	1: not at all / no burden	476
2		311
3		377
4		277
5		350
6		295
7		386
8		376
9		159
10	10: extreme burden	173
-81	-81: does not apply	186
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* [ITEMBAT] Thinking about the first period of the Corona crisis, i.e. from March 2020 until the first easing, how much did you experience the following stresses? Unless an area does not concern you, please tick 'Does not apply'. [item text: lack of leisure activities such as sports]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: Witthoeft, M., Jungmann, S. M., Germer, S., & Braescher, A.-K. (2022). *Early Adverse Effects of Behavioural Preventive Strategies During the COVID-19 Pandemic in Germany: An Online General Population Survey.* [URL link]

### cor1003 – stress & strain: unregulated daily routine/weekly rhythm (>=16 yr)

1	1: not at all / no burden	829
2		394
3		398
4		225
5		277
6		239
7		259
8		225
9		112
10	10: extreme burden	112
-81	-81: does not apply	293
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	3
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* [ITEMBAT] Thinking about the first period of the Corona crisis, i.e. from March 2020 until the first easing, how much did you experience the following stresses? Unless an area does not concern you, please tick 'Does not apply'. [item text: unregulated daily routine / weekly rhythm]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Item developed for TwinLife.*

### cor1004 – stress & strain: increased need for childcare (>=16 yr)

1	1: not at all / no burden	336
2		131
3		154
4		74

5		92
6		93
7		129
8		145
9		73
10	10: extreme burden	108
-81	-81: does not apply	2030
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* [ITEMBAT] Thinking about the first period of the Corona crisis, i.e. from March 2020 until the first easing, how much did you experience the following stresses? Unless an area does not concern you, please tick 'Does not apply'. [item text: increased need for child care]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Item developed for TwinLife.*

#### cor1005 – stress & strain: home schooling of children (>=16 yr)

1	1: not at all / no burden	254
2		167
3		138
4		81
5		91
6		114
7		126
8		148
9		78
10	10: extreme burden	122
-81	-81: does not apply	2046
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	1

Waves: CoV 1

*Question text:* [ITEMBAT] Thinking about the first period of the Corona crisis, i.e. from March 2020 until the first easing, how much did you experience the following stresses? Unless an area does not concern you, please tick 'Does not apply'. [item text: teaching the children at home]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Item developed for TwinLife.*

#### cor1006 – stress & strain: overwork at job (>=16 yr)

---

1	1: not at all / no burden	669
2		325
3		315
4		173
5		209
6		182
7		187
8		123
9		46
10	10: extreme burden	66
-81	-81: does not apply	1069
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	1

*Waves:* CoV 1

*Question text:* [ITEMBAT] Thinking about the first period of the Corona crisis, i.e. from March 2020 until the first easing, how much did you experience the following stresses? Unless an area does not concern you, please tick 'Does not apply'. [item text: overuse on the job]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Item developed for TwinLife.*

#### cor1007 – stress & strain: restriction of civil rights (>=16 yr)

---

1	1: not at all / no burden	1039
2		539
3		452
4		219
5		284
6		170
7		152

8		99
9		47
10	10: extreme burden	68
-81	-81: does not apply	290
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	5
-99	-99: not specified (refused to answer)	2

Waves: CoV 1

*Question text:* [ITEMBAT] Thinking about the first period of the Corona crisis, i.e. from March 2020 until the first easing, how much did you experience the following stresses? Unless an area does not concern you, please tick 'Does not apply'. [item text: restriction of civil rights]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Item developed for TwinLife.*

### cor1008 – stress & strain: seeing friends and relatives less often (<=15 yr)

1	1: not at all bad	46
2		58
3		90
4		66
5		124
6		94
7		140
8		123
9		65
10	10: very bad	91
-81	-81: does not happen to me	5
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* [ITEMBAT] Because of the Corona pandemic, everyday life has changed for many people. When you think about the time when you were supposed to stay at home first and foremost, how bad were the following things for you during

that time? [item text: see friends and relatives less often]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI):  
age0400 <=15

*Item developed for TwinLife.*

### cor1009 – stress & strain: sports less often (<=15 yr)

---

1	1: not at all bad	114
2		51
3		74
4		70
5		98
6		74
7		95
8		106
9		60
10	10: very bad	118
-81	-81: does not happen to me	40
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	2
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* [ITEMBAT] Because of the Corona pandemic, everyday life has changed for many people. When you think about the time when you were supposed to stay at home first and foremost, how bad were the following things for you during that time? [item text: no longer go to the gym so often]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI):  
age0400 <=15

*Item developed for TwinLife.*

### cor1010 – stress & strain: unregulated daily routine (<=15 yr)

---

1	1: not at all bad	208
2		109
3		105
4		86
5		90
6		59
7		67
8		40
9		25
10	10: very bad	29

-81	-81: does not happen to me	82
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	1

Waves: CoV 1

*Question text:* [ITEMBAT] Because of the Corona pandemic, everyday life has changed for many people. When you think about the time when you were supposed to stay at home first and foremost, how bad were the following things for you during that time? [item text: have an unregulated daily routine]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 <=15

*Item developed for TwinLife.*

#### cor1011 – stress & strain: schooling at home (<=15 yr)

1	1: not at all bad	175
2		109
3		124
4		93
5		117
6		71
7		75
8		56
9		27
10	10: very bad	45
-81	-81: does not happen to me	9
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* [ITEMBAT] Because of the Corona pandemic, everyday life has changed for many people. When you think about the time when you were supposed to stay at home first and foremost, how bad were the following things for you during that time? [item text: to have schooling (also) at home]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 <=15

*Item developed for TwinLife.*

**cor1200** – stress & support: more arguments at home

---

1	1: not at all	1592
2	2: rarely	1230
3	3: once in a while	909
4	4: more often	435
5	5: very often	87
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	7
-99	-99: not specified (refused to answer)	8

Waves: CoV 1

*Question text:* [ITEMBAT] [If age >= 16] If you remember the first period of the Corona pandemic, i.e., from March 2020 until the first relaxations, how often did you experience the following things? [If age <= 15] If you remember the time when you had to stay mostly at home, how often did you experience the following things? [item text: more dispute at home]

*Filter based on instrument:* always asked/always generated

*Source:* Adapted from: Witthoeft, M., Jungmann, S. M., Germer, S., & Braescher, A.-K. (2022). *Early Adverse Effects of Behavioural Preventive Strategies During the COVID-19 Pandemic in Germany: An Online General Population Survey.* [URL link]

**cor1201** – stress & support: worse mood at home

---

1	1: not at all	1351
2	2: rarely	1512
3	3: once in a while	931
4	4: more often	391
5	5: very often	72
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	3
-99	-99: not specified (refused to answer)	8

Waves: CoV 1

*Question text:* [ITEMBAT] [If age >= 16] If you remember the first period of the Corona pandemic, i.e., from March 2020 until the first relaxations, how often did you experience the following things? [If age <= 15] If you remember the time when you had to stay mostly at home, how often did you experience the



following things? [item text: a worse mood at home]

*Filter based on instrument:* always asked/always generated

*Source: Adapted from: Witthoeft, M., Jungmann, S. M., Germer, S., & Braescher, A.-K. (2022). Early Adverse Effects of Behavioural Preventive Strategies During the COVID-19 Pandemic in Germany: An Online General Population Survey. [URL link]*

### cor1202 – stress & support: better family life at home

---

1	1: not at all	480
2	2: rarely	511
3	3: once in a while	1424
4	4: more often	1381
5	5: very often	417
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	20
-99	-99: not specified (refused to answer)	35

*Waves:* CoV 1

*Question text:* [ITEMBAT] [If age >= 16] If you remember the first period of the Corona pandemic, i.e., from March 2020 until the first relaxations, how often did you experience the following things? [If age <= 15] If you remember the time when you had to stay mostly at home, how often did you experience the following things? [item text: a better family life at home]

*Filter based on instrument:* always asked/always generated

*Item developed for TwinLife.*

### cor1203 – stress & support: more cohesion at home

---

1	1: not at all	346
2	2: rarely	417
3	3: once in a while	1275
4	4: more often	1560
5	5: very often	632
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	19
-99	-99: not specified (refused to answer)	19

*Waves:* CoV 1

*Question text:* [ITEMBAT] [If age >= 16] If you remember the first period of the Corona pandemic, i.e., from March 2020 until the first relaxations, how often did you experience the following things? [If age <= 15] If you remember the time when you had to stay mostly at home, how often did you experience the following things? [item text: greater cohesion at home]

*Filter based on instrument:* always asked/always generated

*Item developed for TwinLife.*

#### cor1204 – stress & support: more activities at home together

---

1	1: not at all	370
2	2: rarely	651
3	3: once in a while	1057
4	4: more often	1511
5	5: very often	666
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	5
-99	-99: not specified (refused to answer)	8

*Waves:* CoV 1

*Question text:* [ITEMBAT] [If age >= 16] If you remember the first period of the Corona pandemic, i.e., from March 2020 until the first relaxations, how often did you experience the following things? [If age <= 15] If you remember the time when you had to stay mostly at home, how often did you experience the following things? [item text: more joint activities (e.g. playing games, sports, walks)]

*Filter based on instrument:* always asked/always generated

*Item developed for TwinLife.*

#### cor1205 – stress & support: more appreciation by other family members

---

1	1: not at all	613
2	2: rarely	739
3	3: once in a while	1586
4	4: more often	995
5	5: very often	281
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0

-98	-98: don't know	37
-99	-99: not specified (refused to answer)	17

Waves: CoV 1

*Question text:* [ITEMBAT] [If age >= 16] If you remember the first period of the Corona pandemic, i.e., from March 2020 until the first relaxations, how often did you experience the following things? [If age <= 15] If you remember the time when you had to stay mostly at home, how often did you experience the following things? [item text: more appreciation by other family members]

*Filter based on instrument:* always asked/always generated

*Item developed for TwinLife.*

### cor1206 – stress & support: socializing with friends or relatives

---

1	1: not at all	1108
2	2: rarely	1702
3	3: once in a while	947
4	4: more often	391
5	5: very often	105
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	10
-99	-99: not specified (refused to answer)	5

Waves: CoV 1

*Question text:* [ITEMBAT] [If age >= 16] If you remember the first period of the Corona pandemic, i.e., from March 2020 until the first relaxations, how often did you experience the following things? [If age <= 15] If you remember the time when you had to stay mostly at home, how often did you experience the following things? [item text: social gathering with friends or relatives]

*Filter based on instrument:* always asked/always generated

*Item developed for TwinLife.*

### cor1400 – behavioral changes: washing/disinfecting hands (>=16 yr)

---

1	1: -3 (significantly less)	3
2	2: -2	4
3	3: -1	7
4	4: 0 (same)	228
5	5: +1	514
6	6: +2	970
7	7: +3 (significantly more)	1640
-81	-81: does not apply, I was not gainfully employed	0
-82	-82: I do not work from home	0

-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* [ITEMBAT] During the initial period of the corona pandemic, i.e., from March 2020 until the first easing, what behaviors did you have that were less than, the same as, or more than before the corona virus pandemic outbreak? You can grade your answers from -3 (Significantly less) to 0 (Same) to 3 (Significantly more). [item text: I washed/disinfected my hands.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: Survey EMOTIONS-C. (2020). Westfaelische Wilhelms-Universitaet Muenster. [URL link]

#### cor1401 – behavioral changes: shopping super markets (>=16 yr)

1	1: -3 (significantly less)	319
2	2: -2	414
3	3: -1	457
4	4: 0 (same)	1836
5	5: +1	186
6	6: +2	100
7	7: +3 (significantly more)	53
-81	-81: does not apply, I was not gainfully employed	0
-82	-82: I do not work from home	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	1

Waves: CoV 1

*Question text:* [ITEMBAT] During the initial period of the corona pandemic, i.e., from March 2020 until the first easing, what behaviors did you have that were less than, the same as, or more than before the corona virus pandemic outbreak? You can grade your answers from -3 (Significantly less) to 0 (Same) to 3 (Significantly more). [item text: I shopped in supermarkets.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

Source: Adapted from: Survey EMOTIONS-C. (2020). Westfaelische Wilhelms-Universitaet Muenster.  
[URL link]

#### cor1402 – behavioral changes: visiting public places/events (>=16 yr)

1	1: -3 (significantly less)	1993
2	2: -2	734
3	3: -1	299
4	4: 0 (same)	299
5	5: +1	19
6	6: +2	12
7	7: +3 (significantly more)	7
-81	-81: does not apply, I was not gainfully employed	0
-82	-82: I do not work from home	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	3

Waves: CoV 1

Question text: [ITEMBAT] During the initial period of the corona pandemic, i.e., from March 2020 until the first easing, what behaviors did you have that were less than, the same as, or more than before the corona virus pandemic outbreak? You can grade your answers from -3 (Significantly less) to 0 (Same) to 3 (Significantly more). [item text: I visited public places/ events.]

Filter based on instrument: module 'First COVID-19 Supplementary Questionnaire' (CAWI):  
age0400 >=16

Source: Adapted from: Survey EMOTIONS-C. (2020). Westfaelische Wilhelms-Universitaet Muenster.  
[URL link]

#### cor1403 – behavioral changes: use of public transport (>=16 yr)

1	1: -3 (significantly less)	1544
2	2: -2	384
3	3: -1	310
4	4: 0 (same)	1077
5	5: +1	21
6	6: +2	13
7	7: +3 (significantly more)	8
-81	-81: does not apply, I was not gainfully employed	0
-82	-82: I do not work from home	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0

-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	8

Waves: CoV 1

*Question text:* [ITEMBAT] During the initial period of the corona pandemic, i.e., from March 2020 until the first easing, what behaviors did you have that were less than, the same as, or more than before the corona virus pandemic outbreak? You can grade your answers from -3 (Significantly less) to 0 (Same) to 3 (Significantly more). [item text: I used public transport.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: Survey EMOTIONS-C. (2020). Westfaelische Wilhelms-Universitaet Muenster. [URL link]

#### cor1404 – behavioral changes: staying at home (>=16 yr)

1	1: -3 (significantly less)	33
2	2: -2	67
3	3: -1	89
4	4: 0 (same)	455
5	5: +1	441
6	6: +2	929
7	7: +3 (significantly more)	1351
-81	-81: does not apply, I was not gainfully employed	0
-82	-82: I do not work from home	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* [ITEMBAT] During the initial period of the corona pandemic, i.e., from March 2020 until the first easing, what behaviors did you have that were less than, the same as, or more than before the corona virus pandemic outbreak? You can grade your answers from -3 (Significantly less) to 0 (Same) to 3 (Significantly more). [item text: I stayed home.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: Survey EMOTIONS-C. (2020). Westfaelische Wilhelms-Universitaet Muenster. [URL link]

**cor1405** – behavioral changes: visiting family ( $\geq 16$  yr)

---

1	1: -3 (significantly less)	933
2	2: -2	753
3	3: -1	518
4	4: 0 (same)	907
5	5: +1	120
6	6: +2	71
7	7: +3 (significantly more)	57
-81	-81: does not apply, I was not gainfully employed	0
-82	-82: I do not work from home	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	6

Waves: CoV 1

*Question text:* [ITEMBAT] During the initial period of the corona pandemic, i.e., from March 2020 until the first easing, what behaviors did you have that were less than, the same as, or more than before the corona virus pandemic outbreak? You can grade your answers from -3 (Significantly less) to 0 (Same) to 3 (Significantly more). [item text: I visited my family.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400  $\geq 16$

*Source:* Adapted from: Survey EMOTIONS-C. (2020). Westfaelische Wilhelms-Universitaet Muenster. [URL link]

**cor1406** – behavioral changes: meeting with acquaintances and friends ( $\geq 16$  yr)

---

1	1: -3 (significantly less)	1523
2	2: -2	895
3	3: -1	525
4	4: 0 (same)	310
5	5: +1	63
6	6: +2	38
7	7: +3 (significantly more)	9
-81	-81: does not apply, I was not gainfully employed	0
-82	-82: I do not work from home	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0

-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	2

Waves: CoV 1

*Question text:* [ITEMBAT] During the initial period of the corona pandemic, i.e., from March 2020 until the first easing, what behaviors did you have that were less than, the same as, or more than before the corona virus pandemic outbreak? You can grade your answers from -3 (Significantly less) to 0 (Same) to 3 (Significantly more). [item text: I met with acquaintances and friends.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: Survey EMOTIONS-C. (2020). Westfaelische Wilhelms-Universitaet Muenster. [URL link]

#### cor1407 – behavioral changes: washing hands (<=15 yr)

1	1: -3 (significantly less)	3
2	2: -2	8
3	3: -1	4
4	4: 0 (same)	85
5	5: +1	151
6	6: +2	296
7	7: +3 (significantly more)	353
-81	-81: does not apply, I was not gainfully employed	0
-82	-82: I do not work from home	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	2
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* [ITEMBAT] During the first period of pandemic corona, what things did you do less often, the same amount of times, or more than you did before the corona virus? You can grade your answers from -3 (Significantly less) to 0 (Same) to +3 (Significantly more). [item text: I washed my hands.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 <=15

*Source:* Adapted from: Survey EMOTIONS-C. (2020). Westfaelische Wilhelms-Universitaet Muenster. [URL link]

#### cor1408 – behavioral changes: shopping supermarkets (<=15 yr)

1	1: -3 (significantly less)	253
---	----------------------------	-----



2	2: -2	127
3	3: -1	110
4	4: 0 (same)	303
5	5: +1	54
6	6: +2	28
7	7: +3 (significantly more)	18
-81	-81: does not apply, I was not gainfully employed	0
-82	-82: I do not work from home	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	4
-99	-99: not specified (refused to answer)	5

Waves: CoV 1

*Question text:* [ITEMBAT] During the first period of pandemic corona, what things did you do less often, the same amount of times, or more than you did before the corona virus? You can grade your answers from -3 (Significantly less) to 0 (Same) to +3 (Significantly more). [itemtext: I shopped in supermarkets.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 <=15

*Source:* Adapted from: Survey EMOTIONS-C. (2020). Westfälische Wilhelms-Universität Münster. [URL link]

#### cor1409 – behavioral changes: visiting public places (<=15 yr)

1	1: -3 (significantly less)	412
2	2: -2	190
3	3: -1	132
4	4: 0 (same)	104
5	5: +1	34
6	6: +2	20
7	7: +3 (significantly more)	10
-81	-81: does not apply, I was not gainfully employed	0
-82	-82: I do not work from home	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* [ITEMBAT] During the first period of pandemic corona, what things did you do less often, the same amount of times, or more than you did before the corona virus? You can grade your answers from -3 (Significantly less) to 0 (Same) to +3 (Significantly more). [item text: I was in public places, e.g. playgrounds, sports fields]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 <=15

*Source:* Adapted from: Survey EMOTIONS-C. (2020). Westfaelische Wilhelms-Universitaet Muenster. [URL link]

#### cor1410 – behavioral changes: use of public transport (<=15 yr)

---

1	1: -3 (significantly less)	454
2	2: -2	111
3	3: -1	74
4	4: 0 (same)	228
5	5: +1	8
6	6: +2	13
7	7: +3 (significantly more)	7
-81	-81: does not apply, I was not gainfully employed	0
-82	-82: I do not work from home	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	6

*Waves:* CoV 1

*Question text:* [ITEMBAT] During the first period of pandemic corona, what things did you do less often, the same amount of times, or more than you did before the corona virus? You can grade your answers from -3 (Significantly less) to 0 (Same) to +3 (Significantly more). [itemtext: I took public transportation, such as the bus or train.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 <=15

*Source:* Adapted from: Survey EMOTIONS-C. (2020). Westfaelische Wilhelms-Universitaet Muenster. [URL link]

#### cor1411 – behavioral changes: staying at home (<=15 yr)

---

1	1: -3 (significantly less)	17
2	2: -2	26
3	3: -1	30
4	4: 0 (same)	71
5	5: +1	101

6	6: +2	183
7	7: +3 (significantly more)	471
-81	-81: does not apply, I was not gainfully employed	0
-82	-82: I do not work from home	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	3
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* [ITEMBAT] During the first period of pandemic corona, what things did you do less often, the same amount of times, or more than you did before the corona virus? You can grade your answers from -3 (Significantly less) to 0 (Same) to +3 (Significantly more). [item text: I stayed at home.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 <=15

*Source:* Adapted from: Survey EMOTIONS-C. (2020). Westfälische Wilhelms-Universität Münster. [URL link]

#### cor1412 – behavioral changes: visiting family (<=15 yr)

1	1: -3 (significantly less)	334
2	2: -2	219
3	3: -1	135
4	4: 0 (same)	165
5	5: +1	28
6	6: +2	10
7	7: +3 (significantly more)	8
-81	-81: does not apply, I was not gainfully employed	0
-82	-82: I do not work from home	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	2
-99	-99: not specified (refused to answer)	1

Waves: CoV 1

*Question text:* [ITEMBAT] During the first period of pandemic corona, what things did you do less often, the same amount of times, or more than you did before the corona virus? You can grade your answers from -3 (Significantly less) to 0 (Same) to +3 (Significantly more). [item text: I visited my family.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI):  
age0400 <=15

*Source: Adapted from: Survey EMOTIONS-C. (2020). Westfaelische Wilhelms-Universitaet Muenster.  
[URL link]*

### cor1413 – behavioral changes: meeting friends (<=15 yr)

1	1: -3 (significantly less)	373
2	2: -2	237
3	3: -1	140
4	4: 0 (same)	73
5	5: +1	43
6	6: +2	21
7	7: +3 (significantly more)	14
-81	-81: does not apply, I was not gainfully employed	0
-82	-82: I do not work from home	0
-86	-86: inconclusive specification	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	0

*Waves:* CoV 1

*Question text:* [ITEMBAT] During the first period of pandemic corona, what things did you do less often, the same amount of times, or more than you did before the corona virus? You can grade your answers from -3 (Significantly less) to 0 (Same) to +3 (Significantly more). [item text: I met with friends.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI):  
age0400 <=15

*Source: Adapted from: Survey EMOTIONS-C. (2020). Westfaelische Wilhelms-Universitaet Muenster.  
[URL link]*

### cor1500 – resilience: thoughts about changing difficult situations (>=16 yr)

1	1: I do not agree at all	345
2		369
3		373
4		733
5		725
6		416
7	7: I agree completely	389
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0

-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	9
-99	-99: not specified (refused to answer)	7

Waves: CoV 1

Question text: [ITEMBAT] How much do you agree with the following statements?

[item text: I worry about how to change difficult situations.]

Filter based on instrument: module 'First COVID-19 Supplementary Questionnaire' (CAWI):  
age0400 >=16

Source: Adapted from: Jacobsen, J., Klika, J., & Schupp, J. (2017). Scales Manual IAB-BAMF-SOEP Survey of Refugees in Germany-Revised version. (SOEP Survey Papers 475: Series C.).  
[URL link]

### cor1501 – resilience: reactions under control (>=16 yr)

---

1	1: I do not agree at all	43
2		130
3		336
4		502
5		840
6		910
7	7: I agree completely	595
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	9
-99	-99: not specified (refused to answer)	1

Waves: CoV 1

Question text: [ITEMBAT] How much do you agree with the following statements?

[item text: No matter what, I am in control of myself and my reactions.]

Filter based on instrument: module 'First COVID-19 Supplementary Questionnaire' (CAWI):  
age0400 >=16

Source: Adapted from: Jacobsen, J., Klika, J., & Schupp, J. (2017). Scales Manual IAB-BAMF-SOEP Survey of Refugees in Germany-Revised version. (SOEP Survey Papers 475: Series C.).  
[URL link]

### cor1502 – resilience: further development through difficult situations (>=16 yr)

---

1	1: I do not agree at all	25
2		70
3		132
4		460
5		867
6		818

7	7: I agree completely	982
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	10
-99	-99: not specified (refused to answer)	2

Waves: CoV 1

Question text: [ITEMBAT] How much do you agree with the following statements?

[itemtext: I am convinced that I develop myself by dealing with difficult situations.]

Filter based on instrument: module 'First COVID-19 Supplementary Questionnaire' (CAWI):

age0400 >=16

Source: Adapted from: Jacobsen, J., Klika, J., & Schupp, J. (2017). Scales Manual IAB-BAMF-SOEP Survey of Refugees in Germany-Revised version. (SOEP Survey Papers 475: Series C.).

[URL link]

### cor1503 – resilience: compensating for setbacks (>=16 yr)

1	1: I do not agree at all	48
2		96
3		219
4		657
5		912
6		745
7	7: I agree completely	661
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	19
-99	-99: not specified (refused to answer)	9

Waves: CoV 1

Question text: [ITEMBAT] How much do you agree with the following statements?

[itemtext: I actively try to compensate for setbacks that affect my life.]

Filter based on instrument: module 'First COVID-19 Supplementary Questionnaire' (CAWI):

age0400 >=16

Source: Adapted from: Jacobsen, J., Klika, J., & Schupp, J. (2017). Scales Manual IAB-BAMF-SOEP Survey of Refugees in Germany-Revised version. (SOEP Survey Papers 475: Series C.).

[URL link]

### cor1600 – coping strategies: followed official instructions (>=16 yr)

1	1: never	27
---	----------	----

2		81
3		142
4		310
5		669
6		1031
7	7: very often	1092
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	2
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	5
-99	-99: not specified (refused to answer)	7

Waves: CoV 1

*Question text:* [ITEMBAT] During the initial period of the Corona pandemic, that is, from March 2020 until the first relaxations, what did you do to deal with the stresses and the consequences of the pandemic? [item text: I listened to expert advice and followed official instructions.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: Ferring, D., & Sigrun, H. (1989). Bewältigung kritischer Lebensereignisse: Erste Erfahrungen mit einer Version der Ways of Coping Checklist. 10, 189-199.

**cor1601** – coping strategies: distraction by work or other activities (>=16 yr)

---

1	1: never	142
2		236
3		278
4		598
5		795
6		653
7	7: very often	651
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	3
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	5
-99	-99: not specified (refused to answer)	5

Waves: CoV 1

*Question text:* [ITEMBAT] During the initial period of the Corona pandemic, that is, from March 2020 until the first relaxations, what did you do to deal with the stresses and the consequences of the pandemic? [item text: I turned to my work or other activities to distract myself (e.g., housework, gardening, creative activities, sports).]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

Source: Adapted from: Ferring, D., & Sigrun, H. (1989). *Bewältigung kritischer Lebensereignisse: Erste Erfahrungen mit einer Version der Ways of Coping Checklist*. 10, 189-199.

### cor1602 – coping strategies: accepting fate (>=16 yro.)

1	1: never	983
2		859
3		429
4		562
5		302
6		125
7	7: very often	69
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	3
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	16
-99	-99: not specified (refused to answer)	18

Waves: CoV 1

Question text: [ITEMBAT] During the initial period of the Corona pandemic, that is, from March 2020 until the first relaxations, what did you do to deal with the stresses and the consequences of the pandemic? [item text: I surrendered to my fate; sometimes you just have bad luck.]

Filter based on instrument: module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

Source: Adapted from: Ferring, D., & Sigrun, H. (1989). *Bewältigung kritischer Lebensereignisse: Erste Erfahrungen mit einer Version der Ways of Coping Checklist*. 10, 189-199.

### cor1603 – coping strategies: alcohol, smoking, medication (>=16 yr)

1	1: never	2292
2		578
3		161
4		151
5		116
6		35
7	7: very often	24
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	3
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	5

Waves: CoV 1



*Question text:* [ITEMBAT] During the initial period of the Corona pandemic, that is, from March 2020 until the first relaxations, what did you do to deal with the stresses and the consequences of the pandemic? [item text: I ate, drank, smoked or took medication to feel better.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: Ferring, D., & Sigrun, H. (1989). Bewältigung kritischer Lebensereignisse: Erste Erfahrungen mit einer Version der Ways of Coping Checklist. 10, 189-199.

#### cor1604 – coping strategies: maintaining social contacts via tel., skype, etc. (>=16 j.)

---

1	1: never	125
2		269
3		384
4		578
5		852
6		588
7	7: very often	565
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	3
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	2

Waves: CoV 1

*Question text:* [ITEMBAT] During the initial period of the Corona pandemic, that is, from March 2020 until the first relaxations, what did you do to deal with the stresses and the consequences of the pandemic? [item text: I tried to maintain social contacts via phone, Skype, or similar.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: Ferring, D., & Sigrun, H. (1989). Bewältigung kritischer Lebensereignisse: Erste Erfahrungen mit einer Version der Ways of Coping Checklist. 10, 189-199.

#### cor1605 – coping strategies: doing new things (>=16 yr)

---

1	1: never	1095
2		806
3		412
4		429
5		362
6		152
7	7: very often	92
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0

-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	4
-95	-95: doesn't apply (screened out)	902
-98	-98: don't know	6
-99	-99: not specified (refused to answer)	8

Waves: CoV 1

*Question text:* [ITEMBAT] During the initial period of the Corona pandemic, that is, from March 2020 until the first relaxations, what did you do to deal with the stresses and the consequences of the pandemic? [itemtext: I was doing something completely new that I would never have done under different circumstances.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 >=16

*Source:* Adapted from: Ferring, D., & Sigrun, H. (1989). Bewältigung kritischer Lebensereignisse: Erste Erfahrungen mit einer Version der Ways of Coping Checklist. 10, 189-199.

#### cor1606 – coping strategies: listening to other people who know more (<=15 yr)

1	1: never	28
2		54
3		125
4		234
5		194
6		143
7	7: very often	117
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	7
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

*Question text:* [ITEMBAT] What did you do to deal with the situation during the time that you had to stay at home primarily? [item text: I listened to what people who know more than I do said.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 <=15

*Source:* Adapted from: Ferring, D., & Sigrun, H. (1989). Bewältigung kritischer Lebensereignisse: Erste Erfahrungen mit einer Version der Ways of Coping Checklist. 10, 189-199.

#### cor1607 – coping strategies: distraction by playing, painting, schoolwork (<=15 yr)

1	1: never	31
2		41
3		52
4		121

5		187
6		191
7	7: very often	276
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	3
-99	-99: not specified (refused to answer)	0

Waves: CoV 1

Question text: [ITEMBAT] What did you do to deal with the situation during the time that you had to stay at home primarily? [itemtext: I did things to distract myself (e.g., playing, painting, schoolwork).]

Filter based on instrument: module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 <=15

Source: Adapted from: Ferring, D., & Sigrun, H. (1989). Bewältigung kritischer Lebensereignisse: Erste Erfahrungen mit einer Version der Ways of Coping Checklist. 10, 189-199.

#### cor1608 – coping strategies: accepting fate (<=15 yr)

---

1	1: never	160
2		189
3		163
4		176
5		101
6		52
7	7: very often	45
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	10
-99	-99: not specified (refused to answer)	6

Waves: CoV 1

Question text: [ITEMBAT] What did you do to deal with the situation during the time that you had to stay at home primarily? [itemtext: I didn't think there was anything you could do; sometimes you just have bad luck.]

Filter based on instrument: module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 <=15

Source: Adapted from: Ferring, D., & Sigrun, H. (1989). Bewältigung kritischer Lebensereignisse: Erste Erfahrungen mit einer Version der Ways of Coping Checklist. 10, 189-199.

#### cor1609 – coping strategies: eating, drinking (<=15 yr)

---

1	1: never	375
2		188
3		91
4		105
5		80
6		29
7	7: very often	29
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	3
-99	-99: not specified (refused to answer)	2

Waves: CoV 1

*Question text:* [ITEMBAT] What did you do to deal with the situation during the time that you had to stay at home primarily? [itemtext: I ate or drank something to feel better.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 <=15

*Source:* Adapted from: Ferring, D., & Sigrun, H. (1989). Bewältigung kritischer Lebensereignisse: Erste Erfahrungen mit einer Version der Ways of Coping Checklist. 10, 189-199.

**cor1610** – coping strategies: contact with friends/family via phone, skype, o.a. (<=15 yr)

1	1: never	96
2		93
3		83
4		106
5		175
6		144
7	7: very often	204
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	1

Waves: CoV 1

*Question text:* [ITEMBAT] What did you do to deal with the situation during the time that you had to stay at home primarily? [itemtext: I tried to talk/write with my friends and family via phone, Skype, or similar.]

*Filter based on instrument:* module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 <=15

*Source:* Adapted from: Ferring, D., & Sigrun, H. (1989). Bewältigung kritischer Lebensereignisse: Erste Erfahrungen mit einer Version der Ways of Coping Checklist. 10, 189-199.

**cor1611** – coping strategies: doing new things (<=15 yr)

1	1: never	206
2		190
3		135
4		122
5		122
6		57
7	7: very often	64
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	3366
-98	-98: don't know	5
-99	-99: not specified (refused to answer)	1

Waves: CoV 1

Question text: [ITEMBAT] What did you do to deal with the situation during the time that you had to stay at home primarily? [itemtext: I was doing something completely new that I hadn't done before.]

Filter based on instrument: module 'First COVID-19 Supplementary Questionnaire' (CAWI): age0400 <=15

Source: Adapted from: Ferring, D., & Sigrun, H. (1989). Bewältigung kritischer Lebensereignisse: Erste Erfahrungen mit einer Version der Ways of Coping Checklist. 10, 189-199.

### 13 COVID-19 supplementary survey: current socio-economic situation, behavior and health

This chapter contains information on: behavior, attitudes, stresses, and constraints during the Covid-19 pandemic.

**cov** – COVID-19 supplementary survey: wave ID

1	1: COVID-19 supplementary survey 2020	4268
2	2: COVID-19 supplementary survey 2020/2021	0
3	3: COVID-19 supplementary survey 2021	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Waves: CoV 1; CoV 2; CoV 3

Filter based on instrument: always asked/always generated

## 14 Para data

This chapter contains information on: para data.

### mon\_pq – month individual questionnaire was conducted (gen)

---

-85	-85: unknown	0
-86	-86: not available/empty/not codable	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Waves:* CATI 1; F2F 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

*Filter based on instrument:* always asked/always generated

### yea\_pq – year individual questionnaire was conducted (gen)

---

-85	-85: unknown	0
-86	-86: not available/empty/not codable	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	0
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Waves:* CATI 1; F2F 2; F2F 3; CATI 3; CoV 1; CoV 2; CoV 3

*Filter based on instrument:* always asked/always generated