



# Codebook

## TwinLife Children of Twins

### CoT, subsamples a and b (data collection 2020-2020)

Scientific Use File ZA6701\_person\_cot

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## 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 Children of twins (CoT)

The 'Children of twins' (CoT) dataset contains information on the children of the twins interviewed in TwinLife. The information was collected from the twins themselves during the fourth face-to-face interview (F2F4, wid=7) as part of the CAWI interview. This means that the twins, who already have children, answered a series of questions about each of their children. For user-friendly data handling, the variables were converted from wide to long format during data preparation and stored in a separate dataset. Thus, each child of a twin has a unique person number and a separate row with all available information in the child record. The usual variables wid, fid, pid, cgr, ptyp, sex, etc. store information about the person number, sex, cohort, etc. of the responding twin who is the parent of the child. The corresponding information on the children of the twins is stored in the variables cotpid, cotage, cotsex, etc. The variable cotno indicates which child of the twin it is and the letter suffix the child had at the time of the original interview (h, i, j, k, l). The children are listed in order of birth, i.e. the first child is the oldest child of the twin. For documentation purposes, the filter definition only includes the filter expression for the first child (suffix h). However,

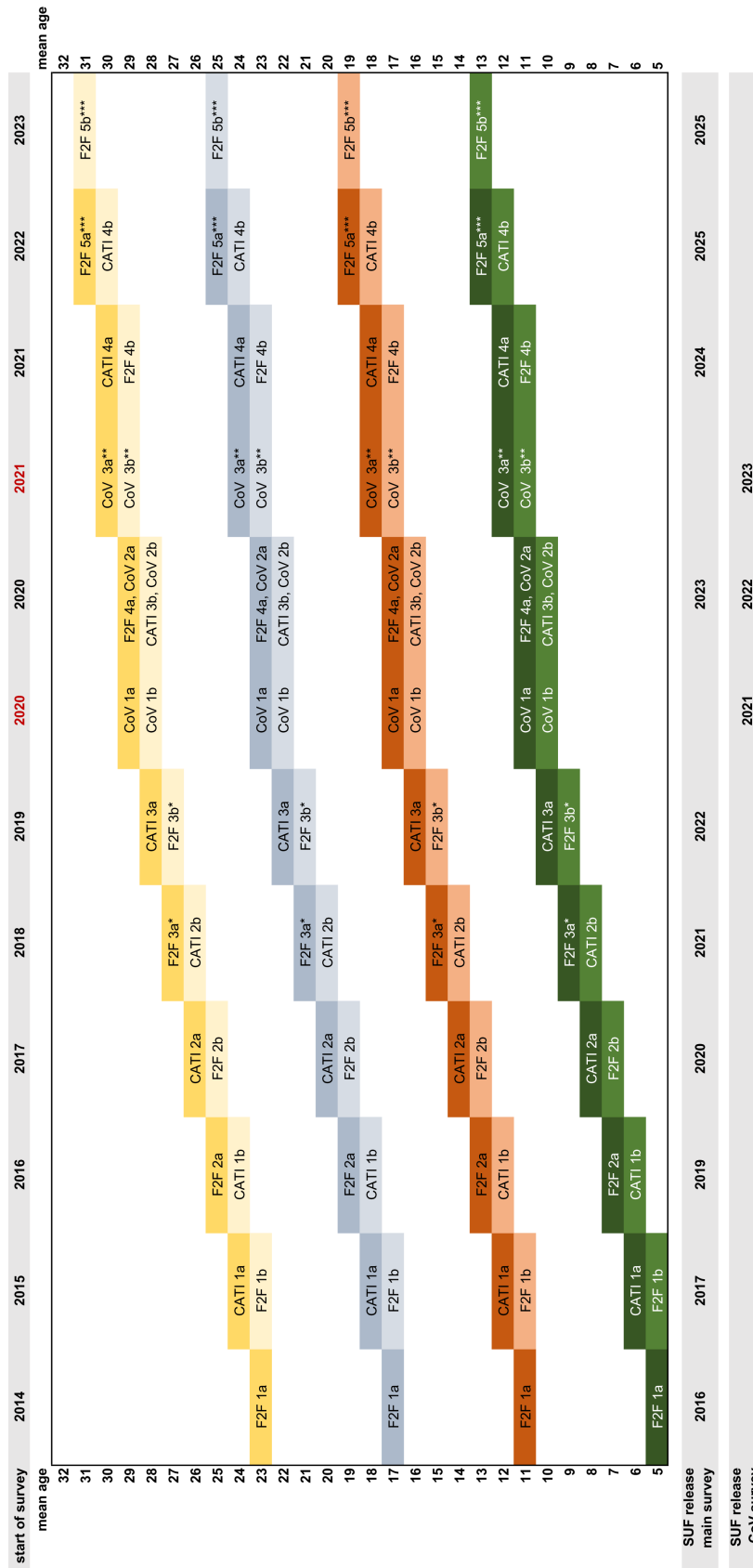


Figure 1: Overview of data collections in TwinLife

the filter conditions were applied in a loop for each child, i.e. for the corresponding suffix (h, i, j, k, l). Children who were reported in the family questionnaire in the F2F waves or in the child module (variables cts\*) in F2F3, but for whom no information was available in the CoT questionnaire module, were also included in the data set. This may be the case if the twins themselves did not participate in the F2F4 data collection or if the CoT module was not started due to a technical error.

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

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

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

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-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; F2F 4; CATI 4; F2F 5; CoV 1; CoV 2; CoV 3; CoV 4

*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; F2F 4; CATI 4; F2F 5; CoV 1; CoV 2; CoV 3; CoV 4

*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	0
2	2: twins born 2003/2004	3
3	3: twins born 1997/1998	38
4	4: twins born 1990-1993	475
-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; F2F 4; CATI 4; F2F 5; CoV 1; CoV 2; CoV 3; CoV 4

Filter based on instrument: always asked/always generated

**ptyp** – type of respondent

---

1	1: firstborn twin - t	263
2	2: secondborn twin - u	253
110	110: partner of first interviewed twin - p	0
120	120: partner of second interviewed twin - q	0
200	200: sibling - s	0
201	201: sibling not participating	0
300	300: mother - m	0
400	400: father - f	0
500	500: partner of mother - g	0
600	600: partner of father - n	0
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; F2F 4; CATI 4; F2F 5; CoV 1; CoV 2; CoV 3; CoV 4

Filter based on instrument: always asked/always generated

**wav0100** – subsample (gen)

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1	1: Sample A (start 2014/15)	250
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2	2: Sample B (start 2015/16)	266
-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; F2F 4; CATI 4; F2F 5; CoV 1; CoV 2; CoV 3; CoV 4

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 Children of twins

This chapter contains information on: information on twins' children.

**cts0107** – family relationship CoT (t,u)

---

1	1: biological child	201
2	2: stepchild	1
3	3: adopted child	0
4	4: foster child	0
5	5: other	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	136
-95	-95: doesn't apply (screened out)	75
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Question text: [If Loop 2,3,4,5] Now we are focusing on [name of child]. [ALL]

What is the familial relationship between [name of child] and you?

Filter based on instrument: module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1

## 7 Zygosity questionnaire

This chapter contains information on: zygosity.

**zyg0112** – zygosity: result questionnaire and DNA in F2F1 & F2F3 (gen)

1	1: monozygotic	258
2	2: dizygotic	258
-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	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; F2F 4; CATI 4; F2F 5; CoV 1; CoV 2; CoV 3; CoV 4

*Question text:*

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

*Generated variable*

The variable **zyg0112** combines the information from the results of the zygosity questionnaire in F2F1 (**zyg0100**) and the DNA samples from F2F1 (**zyg0101**) and F2F3 (**zyg0111**). It is recommended to use this updated variable instead of **zyg0102** which does not yet contain the results of the DNA analysis from F2F3. For details regarding the generated zygosity variables, see the Technical Report No. 1 (URL Link).

## 8 Cognitive development

This chapter contains information on: children of twins: competence rating.

**com0100** – support CoT: learning, e.g. learning aid (t,u)

0	0: not mentioned	68
1	1: mentioned	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	6
-95	-95: doesn't apply (screened out)	339
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* We would like to ask you some questions about the development of [name of child] first. Has [name of child] received special education services in any of the following areas in kindergarten or another institution? [item text: learning (e.g., learning support)]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & age0110h>=4

Source: Adapted from: National Educational Panel Study (NEPS). (2018). Erhebungsinstrumente (Feldversion) NEPS Startkohorte 2-Kindergarten Frühe Bildung in Kindergarten und Grundschule Welle 2 [NEPS SC2 Starting Cohort 2: Kindergarten Wave 2]. University of Bamberg, National Educational Panel Study (NEPS). [URL link]

#### com0200 – support CoT: language, e.g. speech therapy school (t,u)

0	0: not mentioned	58
1	1: mentioned	10
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	6
-95	-95: doesn't apply (screened out)	339
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Question text: We would like to ask you some questions about the development of [name of child] first. Has [name of child] received special education services in any of the following areas in kindergarten or another institution? [item text: language (e.g., language remedial school)]

Filter based on instrument: module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & age0110h>=4

Source: Adapted from: National Educational Panel Study (NEPS). (2018). Erhebungsinstrumente (Feldversion) NEPS Startkohorte 2-Kindergarten Frühe Bildung in Kindergarten und Grundschule Welle 2 [NEPS SC2 Starting Cohort 2: Kindergarten Wave 2]. University of Bamberg, National Educational Panel Study (NEPS). [URL link]

#### com0300 – support CoT: physical and motor development (t,u)

0	0: not mentioned	63
1	1: mentioned	5
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	6
-95	-95: doesn't apply (screened out)	339
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Question text: We would like to ask you some questions about the development of [name of child] first. Has [name of child] received special education services in any of the following areas in kindergarten or another institution? [item text: physical and motor development]

Filter based on instrument: module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & age0110h>=4

Source: Adapted from: National Educational Panel Study (NEPS). (2018). Erhebungsinstrumente (Feldversion) NEPS Startkohorte 2-Kindergarten Frühe Bildung in Kindergarten und Grundschule Welle 2 [NEPS SC2 Starting Cohort 2: Kindergarten Wave 2]. University of Bamberg, National Educational Panel Study (NEPS). [URL link]

#### com0400 – support CoT: emotional and social development (t,u)

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0	0: not mentioned	65
1	1: mentioned	3
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	6
-95	-95: doesn't apply (screened out)	339
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Question text: We would like to ask you some questions about the development of [name of child] first. Has [name of child] received special education services in any of the following areas in kindergarten or another institution? [item text: emotional and social development (e.g., counseling)]

Filter based on instrument: module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & age0110h>=4

Source: Adapted from: National Educational Panel Study (NEPS). (2018). Erhebungsinstrumente (Feldversion) NEPS Startkohorte 2-Kindergarten Frühe Bildung in Kindergarten und Grundschule Welle 2 [NEPS SC2 Starting Cohort 2: Kindergarten Wave 2]. University of Bamberg, National Educational Panel Study (NEPS). [URL link]

#### com0500 – support CoT: mental development (t,u)

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0	0: not mentioned	67
1	1: mentioned	1
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	6
-95	-95: doesn't apply (screened out)	339
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Question text: We would like to ask you some questions about the development of [name of child] first. Has [name of child] received special education services in any of the following areas in kindergarten or another institution? [item text: cognitive development]

Filter based on instrument: module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & age0110h>=4

Source: Adapted from: National Educational Panel Study (NEPS). (2018). Erhebungsinstrumente (Feldversion) NEPS Startkohorte 2-Kindergarten Frühe Bildung in Kindergarten und Grundschule Welle 2 [NEPS SC2 Starting Cohort 2: Kindergarten Wave 2]. University of Bamberg, National Educational Panel Study (NEPS). [URL link]

#### com0600 – support CoT: vision (t,u)

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0	0: not mentioned	63
1	1: mentioned	5
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	6
-95	-95: doesn't apply (screened out)	339
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Question text: We would like to ask you some questions about the development of [name of child] first. Has [name of child] received special education services in any of the following areas in kindergarten or another institution? [item text: vision]

Filter based on instrument: module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & age0110h>=4

Source: Adapted from: National Educational Panel Study (NEPS). (2018). Erhebungsinstrumente (Feldversion) NEPS Startkohorte 2-Kindergarten Frühe Bildung in Kindergarten und Grundschule Welle 2 [NEPS SC2 Starting Cohort 2: Kindergarten Wave 2]. University of Bamberg, National Educational Panel Study (NEPS). [URL link]

#### com0700 – support CoT: hearing (t,u)

---

0	0: not mentioned	68
1	1: mentioned	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	6
-95	-95: doesn't apply (screened out)	339
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Question text: We would like to ask you some questions about the development of [name of child] first. Has [name of child] received special education services in any of the following areas in kindergarten or another institution? [item text: hearing]

Filter based on instrument: module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & age0110h>=4

Source: Adapted from: National Educational Panel Study (NEPS). (2018). Erhebungsinstrumente (Feldversion) NEPS Startkohorte 2-Kindergarten Frühe Bildung in Kindergarten und Grundschule Welle 2 [NEPS SC2 Starting Cohort 2: Kindergarten Wave 2]. University of Bamberg, National Educational Panel Study (NEPS). [URL link]

#### com0800 – support CoT: autism (t,u)

---

0	0: not mentioned	66
1	1: mentioned	2
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	6
-95	-95: doesn't apply (screened out)	339
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Question text: We would like to ask you some questions about the development of [name of child] first. Has [name of child] received special education services in any of the following areas in kindergarten or another institution? [item text: autism]

Filter based on instrument: module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & age0110h>=4

Source: Adapted from: National Educational Panel Study (NEPS). (2018). Erhebungsinstrumente (Feldversion) NEPS Startkohorte 2-Kindergarten Frühe Bildung in Kindergarten und Grundschule Welle 2 [NEPS SC2 Starting Cohort 2: Kindergarten Wave 2]. University of Bamberg, National Educational Panel Study (NEPS). [URL link]

#### com0900 – support CoT: other (t,u)

---

0	0: not mentioned	67
1	1: mentioned	1
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	6
-95	-95: doesn't apply (screened out)	339
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Question text: We would like to ask you some questions about the development of [name of child] first. Has [name of child] received special education services in any of the following areas in kindergarten or another institution? [item text: other]

Filter based on instrument: module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & age0110h>=4

Source: Adapted from: National Educational Panel Study (NEPS). (2018). Erhebungsinstrumente (Feldversion) NEPS Startkohorte 2-Kindergarten Frühe Bildung in Kindergarten und Grundschule Welle 2 [NEPS SC2 Starting Cohort 2: Kindergarten Wave 2]. University of Bamberg, National Educational Panel Study (NEPS). [URL link]

#### com1000 – support CoT: none of the above (t,u)

---

0	0: not mentioned	18
1	1: mentioned	50
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	6
-95	-95: doesn't apply (screened out)	339
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Question text: We would like to ask you some questions about the development of [name of child] first. Has [name of child] received special education services in any of the following areas in kindergarten or another institution? [item text: none of it]

Filter based on instrument: module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & age0110h>=4

Source: Adapted from: National Educational Panel Study (NEPS). (2018). Erhebungsinstrumente (Feldversion) NEPS Startkohorte 2-Kindergarten Frühe Bildung in Kindergarten und Grundschule Welle 2 [NEPS SC2 Starting Cohort 2: Kindergarten Wave 2]. University of Bamberg, National Educational Panel Study (NEPS). [URL link]

#### com1100 – support CoT: don't know (t,u)

---

0	0: not mentioned	67
1	1: mentioned	1
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	6
-95	-95: doesn't apply (screened out)	339
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Question text: We would like to ask you some questions about the development of [name of child] first. Has [name of child] received special education services in any of the following areas in kindergarten or another institution? [item text: don't know]

Filter based on instrument: module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & age0110h>=4



Source: Adapted from: National Educational Panel Study (NEPS). (2018). Erhebungsinstrumente (Feldversion) NEPS Startkohorte 2-Kindergarten Frühe Bildung in Kindergarten und Grundschule Welle 2 [NEPS SC2 Starting Cohort 2: Kindergarten Wave 2]. University of Bamberg, National Educational Panel Study (NEPS). [URL link]

#### com1200 – support CoT: not specified (t,u)

0	0: not mentioned	68
1	1: mentioned	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	6
-95	-95: doesn't apply (screened out)	339
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Question text: We would like to ask you some questions about the development of [name of child] first. Has [name of child] received special education services in any of the following areas in kindergarten or another institution? [item text: not specified]

Filter based on instrument: module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & age0110h>=4

Source: Adapted from: National Educational Panel Study (NEPS). (2018). Erhebungsinstrumente (Feldversion) NEPS Startkohorte 2-Kindergarten Frühe Bildung in Kindergarten und Grundschule Welle 2 [NEPS SC2 Starting Cohort 2: Kindergarten Wave 2]. University of Bamberg, National Educational Panel Study (NEPS). [URL link]

#### com2000 – skills CoT: social skills, e.g. conflict skills (t,u)

1	1: a lot worse	1
2	2: a bit worse	16
3	3: equally good	24
4	4: a bit better	19
5	5: a lot better	8
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	6
-95	-95: doesn't apply (screened out)	339
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Question text: How do you assess the following abilities and skills of [name of child]? Please compare [name of child] to other children of the same age (outside the family). [item text: social skills, such as conflict resolution, receptiveness to criticism, emotional competence]

Filter based on instrument: module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & age0110h>=4



**com2100** – skills CoT: stamina/concentration (t,u)

---

1	1: a lot worse	4
2	2: a bit worse	17
3	3: equally good	25
4	4: a bit better	12
5	5: a lot better	10
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	6
-95	-95: doesn't apply (screened out)	339
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* How do you assess the following abilities and skills of [name of child]? Please compare [name of child] to other children of the same age (outside the family). [item text: endurance/ concentration, for example, the ability to engage with something over an extended period]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & age0110h>=4

**com2200** – skills CoT: linguistic skills in german (t,u)

---

1	1: a lot worse	1
2	2: a bit worse	7
3	3: equally good	22
4	4: a bit better	18
5	5: a lot better	20
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	6
-95	-95: doesn't apply (screened out)	339
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* How do you assess the following abilities and skills of [name of child]? Please compare [name of child] to other children of the same age (outside the family). [item text: linguistic skills in the german language, for example, an extensive vocabulary and complex sentence structure]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & age0110h>=4

**com2300** – skills CoT: knowledge of animals, plants, environment (t,u)

---

1	1: a lot worse	1
---	----------------	---

2	2: a bit worse	1
3	3: equally good	31
4	4: a bit better	19
5	5: a lot better	16
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	6
-95	-95: doesn't apply (screened out)	339
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* How do you assess the following abilities and skills of [name of child]? Please compare [name of child] to other children of the same age (outside the family). [itemtext: knowledge about animals, plants, and the environment]  
*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & age0110h>=4

#### com2400 – skills CoT: mathematical skills (t,u)

---

1	1: a lot worse	1
2	2: a bit worse	7
3	3: equally good	26
4	4: a bit better	21
5	5: a lot better	13
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	6
-95	-95: doesn't apply (screened out)	339
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* How do you assess the following abilities and skills of [name of child]? Please compare [name of child] to other children of the same age (outside the family). [itemtext: mathematical skills, such as handling numbers and quantities]  
*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & age0110h>=4

#### com2500 – skills CoT: communicative skills, e.g. making excuses (t,u)

---

1	1: a lot worse	1
2	2: a bit worse	13
3	3: equally good	35
4	4: a bit better	13
5	5: a lot better	6

-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	6
-95	-95: doesn't apply (screened out)	339
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* How do you assess the following abilities and skills of [name of child]? Please compare [name of child] to other children of the same age (outside the family). [itemtext: communication skills, such as responding to conversation partners, allowing them to finish speaking]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & age0110h>=4

## 9 Objective physical health / Diagnoses

This chapter contains information on: children of twins: birth and early development.

### nbi2100 – weight at birth CoT (t,u)

---

-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	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	212
-98	-98: don't know	7
-99	-99: not specified (refused to answer)	0

*Question text:* How much did [name of child] weigh at birth?

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & cts0107h==1

### nbi2200 – week of pregnancy at birth CoT (t,u)

---

-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	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	212
-98	-98: don't know	13
-99	-99: not specified (refused to answer)	0

*Question text:* In which week of pregnancy was [name of child] born?

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & cts0107h==1

### **nbi2500** – complications / disorders at birth CoT (t,u)

---

1	1: yes	33
2	2: no	167
-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	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	212
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	0

*Question text:* Did complications or health issues occur immediately after the birth of [name of child]?

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & cts0107h==1

### **nbi3000** – developmental problems CoT: physical diseases (t,u)

---

0	0: not mentioned	198
1	1: mentioned	3
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	212
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* Were any abnormalities detected in one or more of the following areas during medical follow-up examinations for [name of child]? [item text: physical deformities or illnesses]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & cts0107h==1

### **nbi3001** – developmental problems CoT: visual impairments (t,u)

---

0	0: not mentioned	196
1	1: mentioned	5

-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	212
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* Were any abnormalities detected in one or more of the following areas during medical follow-up examinations for [name of child]? [item text: vision impairments]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & cts0107h==1

### **nbi3002** – developmental problems CoT: hearing impairments (t,u)

---

0	0: not mentioned	201
1	1: mentioned	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	212
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* Were any abnormalities detected in one or more of the following areas during medical follow-up examinations for [name of child]? [item text: hearing impairments]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & cts0107h==1

### **nbi3003** – developmental problems CoT: probl. motor skills (t,u)

---

0	0: not mentioned	196
1	1: mentioned	5
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	212
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* Were any abnormalities detected in one or more of the following areas during medical follow-up examinations for [name of child]? [item text: issues with gross/fine motor skills]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & cts0107h==1

#### nbi3004 – developmental problems CoT: probl. language development (t,u)

---

0	0: not mentioned	197
1	1: mentioned	4
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	212
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* Were any abnormalities detected in one or more of the following areas during medical follow-up examinations for [name of child]? [item text: speech development problems]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & cts0107h==1

#### nbi3005 – developmental problems CoT: probl. emotional or social development (t,u)

---

0	0: not mentioned	198
1	1: mentioned	3
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	212
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* Were any abnormalities detected in one or more of the following areas during medical follow-up examinations for [name of child]? [item text: issues in emotional or social development]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & cts0107h==1

#### nbi3006 – developmental problems CoT: mental development problems (t,u)

---

0	0: not mentioned	199
1	1: mentioned	2
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0

-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	212
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* Were any abnormalities detected in one or more of the following areas during medical follow-up examinations for [name of child]? [item text: issues in cognitive development]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & cts0107h==1

### **nbi3007** – developmental problems CoT: overweight (t,u)

---

0	0: not mentioned	200
1	1: mentioned	1
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	212
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* Were any abnormalities detected in one or more of the following areas during medical follow-up examinations for [name of child]? [item text: overweight]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & cts0107h==1

### **nbi3008** – developmental problems CoT: underweight (t,u)

---

0	0: not mentioned	195
1	1: mentioned	6
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	212
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* Were any abnormalities detected in one or more of the following areas during medical follow-up examinations for [name of child]? [item text: underweight]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & cts0107h==1

**nbi3009** – developmental problems CoT: other (t,u)

---

0	0: not mentioned	199
1	1: mentioned	2
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	212
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* Were any abnormalities detected in one or more of the following areas during medical follow-up examinations for [name of child]? [item text: other]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & cts0107h==1

**nbi3081** – developmental problems CoT: nothing was diagnosed (t,u)

---

0	0: not mentioned	112
1	1: mentioned	89
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	212
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* Were any abnormalities detected in one or more of the following areas during medical follow-up examinations for [name of child]? [item text: does not apply: no anomaly was detected]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & cts0107h==1

**nbi3098** – developmental problems CoT: don't know (t,u)

---

0	0: not mentioned	197
1	1: mentioned	4
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	212
-98	-98: don't know	0



-99 -99: not specified (refused to answer) 0

*Question text:* Were any abnormalities detected in one or more of the following areas during medical follow-up examinations for [name of child]? [item text: don't know]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & cts0107h==1

#### **nbi3099** – developmental problems CoT: not specified (t,u)

---

0	0: not mentioned	200
1	1: mentioned	1
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	212
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* Were any abnormalities detected in one or more of the following areas during medical follow-up examinations for [name of child]? [item text: not specified]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & cts0107h==1

#### **nbi3300** – developmental problems CoT: persistence physical diseases (t,u)

---

1	1: Yes, it is still present.	1
2	2: No, it was temporary and no longer observable at age [see nbi3310].	2
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	410
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [For all loops except nbi3300[h/i/j/k/1] and nbi3309[h/i/j/k/1]] You indicated that [name of child] has been diagnosed with [abnormality]. [ALL] Is this abnormality still present today?

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (nbi3000h==1)

#### **nbi3301** – developmental problems CoT: persistence visual impairments (t,u)

---

1	1: Yes, it is still present.	4
---	------------------------------	---

2	2: No, it was temporary and no longer observable at age [see nbi3310].	1
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	408
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [For all loops except nbi3300[h/i/j/k/l] and nbi3309[h/i/j/k/l]]  
You indicated that [name of child] has been diagnosed with [abnormality].

[ALL] Is this abnormality still present today?

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (nbi3001h==1)

### **nbi3302** – developmental problems CoT: persistence hearing impairments (t,u)

1	1: Yes, it is still present.	0
2	2: No, it was temporary and no longer observable at age [see nbi3310].	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	413
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [For all loops except nbi3300[h/i/j/k/l] and nbi3309[h/i/j/k/l]]  
You indicated that [name of child] has been diagnosed with [abnormality].

[ALL] Is this abnormality still present today?

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (nbi3002h==1)

### **nbi3303** – developmental problems CoT: persistence probl. motor skills (t,u)

1	1: Yes, it is still present.	2
2	2: No, it was temporary and no longer observable at age [see nbi3310].	3
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	408
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [For all loops except nbi3300[h/i/j/k/l] and nbi3309[h/i/j/k/l]]  
You indicated that [name of child] has been diagnosed with [abnormality].

[ALL] Is this abnormality still present today?

Filter based on instrument: module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (nbi3003h==1)

#### **nbi3304** – developmental problems CoT: persistence probl. language development (t,u)

1	1: Yes, it is still present.	4
2	2: No, it was temporary and no longer observable at age [see nbi3310].	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	409
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Question text: [For all loops except nbi3300[h/i/j/k/l] and nbi3309[h/i/j/k/l]]

You indicated that [name of child] has been diagnosed with [abnormality].

[ALL] Is this abnormality still present today?

Filter based on instrument: module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (nbi3004h==1)

#### **nbi3305** – developmental problems CoT: persistence probl. emo. or social dev. (t,u)

1	1: Yes, it is still present.	3
2	2: No, it was temporary and no longer observable at age [see nbi3310].	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	410
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Question text: [For all loops except nbi3300[h/i/j/k/l] and nbi3309[h/i/j/k/l]]

You indicated that [name of child] has been diagnosed with [abnormality].

[ALL] Is this abnormality still present today?

Filter based on instrument: module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (nbi3005h==1)

#### **nbi3306** – developmental problems CoT: persistence problem mental development (t,u)

1	1: Yes, it is still present.	2
2	2: No, it was temporary and no longer observable at age [see nbi3310].	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103

-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	411
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [For all loops except nbi3300[h/i/j/k/l] and nbi3309[h/i/j/k/l]]  
 You indicated that [name of child] has been diagnosed with [abnormality].  
 [ALL] Is this abnormality still present today?  
*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (nbi3006h==1)

### **nbi3307** – developmental problems CoT: persistence overweight (t,u)

---

1	1: Yes, it is still present.	0
2	2: No, it was temporary and no longer observable at age [see nbi3310].	1
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	412
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [For all loops except nbi3300[h/i/j/k/l] and nbi3309[h/i/j/k/l]]  
 You indicated that [name of child] has been diagnosed with [abnormality].  
 [ALL] Is this abnormality still present today?  
*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (nbi3007h==1)

### **nbi3308** – developmental problems CoT: persistence underweight (t,u)

---

1	1: Yes, it is still present.	2
2	2: No, it was temporary and no longer observable at age [see nbi3310].	4
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	407
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [For all loops except nbi3300[h/i/j/k/l] and nbi3309[h/i/j/k/l]]  
 You indicated that [name of child] has been diagnosed with [abnormality].  
 [ALL] Is this abnormality still present today?  
*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (nbi3008h==1)

**nbi3309** – developmental problems CoT: persistence other (t,u)

1	1: Yes, it is still present.	1
2	2: No, it was temporary and no longer observable at age [see nbi3310].	1
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	411
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [For all loops except nbi3300[h/i/j/k/1] and nbi3309[h/i/j/k/1]]  
 You indicated that [name of child] has been diagnosed with [abnormality].  
 [ALL] Is this abnormality still present today?

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (nbi3009h==1)

**nbi3310** – developmental problems CoT: end physical malformations/diseases (t,u)

1	1: was no longer observed at the age of 1	2
2	2: was no longer observed at the age of 2	0
3	3: was no longer observed at the age of 3	0
4	4: was no longer observed at the age of 4	0
5	5: was no longer observed at the age of 5	0
6	6: was no longer observed at the age of 6	0
7	7: was no longer observed at the age of 7	0
8	8: was no longer observed at the age of 8	0
9	9: was no longer observed at the age of 9	0
10	10: was no longer observed at the age of 10	0
11	11: was no longer observed at the age of 11	0
12	12: was no longer observed at the age of 12	0
13	13: was no longer observed at the age of 13	0
14	14: was no longer observed at the age of 14	0
15	15: was no longer observed at the age of 15	0
16	16: was no longer observed at the age of 16	0
17	17: was no longer observed at the age of 17	0
18	18: was no longer observed at the age of 18	0
19	19: was no longer observed at the age of 19	0
20	20: was no longer observed at the age of 20	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	1
-95	-95: doesn't apply (screened out)	410
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [For all loops except nbi3300[h/i/j/k/l] and nbi3309[h/i/j/k/l]]  
 You indicated that [name of child] has been diagnosed with [abnormality].  
 [ALL] Is this abnormality still present today?  
*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (nbi3000h==1)

### nbi3311 – developmental problems CoT: end visual impairments (t,u)

---

1	1: was no longer observed at the age of 1	0
2	2: was no longer observed at the age of 2	0
3	3: was no longer observed at the age of 3	0
4	4: was no longer observed at the age of 4	1
5	5: was no longer observed at the age of 5	0
6	6: was no longer observed at the age of 6	0
7	7: was no longer observed at the age of 7	0
8	8: was no longer observed at the age of 8	0
9	9: was no longer observed at the age of 9	0
10	10: was no longer observed at the age of 10	0
11	11: was no longer observed at the age of 11	0
12	12: was no longer observed at the age of 12	0
13	13: was no longer observed at the age of 13	0
14	14: was no longer observed at the age of 14	0
15	15: was no longer observed at the age of 15	0
16	16: was no longer observed at the age of 16	0
17	17: was no longer observed at the age of 17	0
18	18: was no longer observed at the age of 18	0
19	19: was no longer observed at the age of 19	0
20	20: was no longer observed at the age of 20	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	4
-95	-95: doesn't apply (screened out)	408
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [For all loops except nbi3300[h/i/j/k/l] and nbi3309[h/i/j/k/l]]  
 You indicated that [name of child] has been diagnosed with [abnormality].  
 [ALL] Is this abnormality still present today?  
*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (nbi3001h==1)

### nbi3312 – developmental problems CoT: end hearing impairments (t,u)

---

1	1: was no longer observed at the age of 1	0
2	2: was no longer observed at the age of 2	0
3	3: was no longer observed at the age of 3	0
4	4: was no longer observed at the age of 4	0

5	5: was no longer observed at the age of 5	0
6	6: was no longer observed at the age of 6	0
7	7: was no longer observed at the age of 7	0
8	8: was no longer observed at the age of 8	0
9	9: was no longer observed at the age of 9	0
10	10: was no longer observed at the age of 10	0
11	11: was no longer observed at the age of 11	0
12	12: was no longer observed at the age of 12	0
13	13: was no longer observed at the age of 13	0
14	14: was no longer observed at the age of 14	0
15	15: was no longer observed at the age of 15	0
16	16: was no longer observed at the age of 16	0
17	17: was no longer observed at the age of 17	0
18	18: was no longer observed at the age of 18	0
19	19: was no longer observed at the age of 19	0
20	20: was no longer observed at the age of 20	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	413
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [For all loops except nbi3300[h/i/j/k/l] and nbi3309[h/i/j/k/l]]  
 You indicated that [name of child] has been diagnosed with [abnormality].  
 [ALL] Is this abnormality still present today?  
*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 &  
 (nbi3002h==1)

### **nbi3313** – developmental problems CoT: end of probl. motor skills (t,u)

1	1: was no longer observed at the age of 1	3
2	2: was no longer observed at the age of 2	0
3	3: was no longer observed at the age of 3	0
4	4: was no longer observed at the age of 4	0
5	5: was no longer observed at the age of 5	0
6	6: was no longer observed at the age of 6	0
7	7: was no longer observed at the age of 7	0
8	8: was no longer observed at the age of 8	0
9	9: was no longer observed at the age of 9	0
10	10: was no longer observed at the age of 10	0
11	11: was no longer observed at the age of 11	0
12	12: was no longer observed at the age of 12	0
13	13: was no longer observed at the age of 13	0
14	14: was no longer observed at the age of 14	0
15	15: was no longer observed at the age of 15	0
16	16: was no longer observed at the age of 16	0
17	17: was no longer observed at the age of 17	0

18	18: was no longer observed at the age of 18	0
19	19: was no longer observed at the age of 19	0
20	20: was no longer observed at the age of 20	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	2
-95	-95: doesn't apply (screened out)	408
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [For all loops except nbi3300[h/i/j/k/l] and nbi3309[h/i/j/k/l]]  
 You indicated that [name of child] has been diagnosed with [abnormality].  
 [ALL] Is this abnormality still present today?  
*Filter based on instrument:* module 'children of twins' (CAWI): inlist(pty,1,2) & flh==1 & (nbi3003h==1)

#### **nbi3314** – developmental problems CoT: end of probl. language development (t,u)

1	1: was no longer observed at the age of 1	0
2	2: was no longer observed at the age of 2	0
3	3: was no longer observed at the age of 3	0
4	4: was no longer observed at the age of 4	0
5	5: was no longer observed at the age of 5	0
6	6: was no longer observed at the age of 6	0
7	7: was no longer observed at the age of 7	0
8	8: was no longer observed at the age of 8	0
9	9: was no longer observed at the age of 9	0
10	10: was no longer observed at the age of 10	0
11	11: was no longer observed at the age of 11	0
12	12: was no longer observed at the age of 12	0
13	13: was no longer observed at the age of 13	0
14	14: was no longer observed at the age of 14	0
15	15: was no longer observed at the age of 15	0
16	16: was no longer observed at the age of 16	0
17	17: was no longer observed at the age of 17	0
18	18: was no longer observed at the age of 18	0
19	19: was no longer observed at the age of 19	0
20	20: was no longer observed at the age of 20	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	4
-95	-95: doesn't apply (screened out)	409
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [For all loops except nbi3300[h/i/j/k/l] and nbi3309[h/i/j/k/l]]  
 You indicated that [name of child] has been diagnosed with [abnormality].



[ALL] Is this abnormality still present today?

Filter based on instrument: module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (nbi3004h==1)

### nbi3315 – developmental problems CoT: end of probl. emo. or social dev. (t,u)

---

1	1: was no longer observed at the age of 1	0
2	2: was no longer observed at the age of 2	0
3	3: was no longer observed at the age of 3	0
4	4: was no longer observed at the age of 4	0
5	5: was no longer observed at the age of 5	0
6	6: was no longer observed at the age of 6	0
7	7: was no longer observed at the age of 7	0
8	8: was no longer observed at the age of 8	0
9	9: was no longer observed at the age of 9	0
10	10: was no longer observed at the age of 10	0
11	11: was no longer observed at the age of 11	0
12	12: was no longer observed at the age of 12	0
13	13: was no longer observed at the age of 13	0
14	14: was no longer observed at the age of 14	0
15	15: was no longer observed at the age of 15	0
16	16: was no longer observed at the age of 16	0
17	17: was no longer observed at the age of 17	0
18	18: was no longer observed at the age of 18	0
19	19: was no longer observed at the age of 19	0
20	20: was no longer observed at the age of 20	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	3
-95	-95: doesn't apply (screened out)	410
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Question text: [For all loops except nbi3300[h/i/j/k/l] and nbi3309[h/i/j/k/l]]

You indicated that [name of child] has been diagnosed with [abnormality].

[ALL] Is this abnormality still present today?

Filter based on instrument: module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (nbi3005h==1)

### nbi3316 – developmental problems CoT: end of probl. mental development (t,u)

---

1	1: was no longer observed at the age of 1	0
2	2: was no longer observed at the age of 2	0
3	3: was no longer observed at the age of 3	0
4	4: was no longer observed at the age of 4	0
5	5: was no longer observed at the age of 5	0
6	6: was no longer observed at the age of 6	0

7	7: was no longer observed at the age of 7	0
8	8: was no longer observed at the age of 8	0
9	9: was no longer observed at the age of 9	0
10	10: was no longer observed at the age of 10	0
11	11: was no longer observed at the age of 11	0
12	12: was no longer observed at the age of 12	0
13	13: was no longer observed at the age of 13	0
14	14: was no longer observed at the age of 14	0
15	15: was no longer observed at the age of 15	0
16	16: was no longer observed at the age of 16	0
17	17: was no longer observed at the age of 17	0
18	18: was no longer observed at the age of 18	0
19	19: was no longer observed at the age of 19	0
20	20: was no longer observed at the age of 20	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	2
-95	-95: doesn't apply (screened out)	411
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [For all loops except nbi3300[h/i/j/k/l] and nbi3309[h/i/j/k/l]]  
You indicated that [name of child] has been diagnosed with [abnormality].

[ALL] Is this abnormality still present today?

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (nbi3006h==1)

### **nbi3317** – developmental problems CoT: end of overweight (t,u)

1	1: was no longer observed at the age of 1	0
2	2: was no longer observed at the age of 2	1
3	3: was no longer observed at the age of 3	0
4	4: was no longer observed at the age of 4	0
5	5: was no longer observed at the age of 5	0
6	6: was no longer observed at the age of 6	0
7	7: was no longer observed at the age of 7	0
8	8: was no longer observed at the age of 8	0
9	9: was no longer observed at the age of 9	0
10	10: was no longer observed at the age of 10	0
11	11: was no longer observed at the age of 11	0
12	12: was no longer observed at the age of 12	0
13	13: was no longer observed at the age of 13	0
14	14: was no longer observed at the age of 14	0
15	15: was no longer observed at the age of 15	0
16	16: was no longer observed at the age of 16	0
17	17: was no longer observed at the age of 17	0
18	18: was no longer observed at the age of 18	0
19	19: was no longer observed at the age of 19	0

20	20: was no longer observed at the age of 20	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	412
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [For all loops except nbi3300[h/i/j/k/l] and nbi3309[h/i/j/k/l]]  
You indicated that [name of child] has been diagnosed with [abnormality].

[ALL] Is this abnormality still present today?

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (nbi3007h==1)

### **nbi3318** – developmental problems CoT: end of underweight (t,u)

---

1	1: was no longer observed at the age of 1	3
2	2: was no longer observed at the age of 2	0
3	3: was no longer observed at the age of 3	0
4	4: was no longer observed at the age of 4	1
5	5: was no longer observed at the age of 5	0
6	6: was no longer observed at the age of 6	0
7	7: was no longer observed at the age of 7	0
8	8: was no longer observed at the age of 8	0
9	9: was no longer observed at the age of 9	0
10	10: was no longer observed at the age of 10	0
11	11: was no longer observed at the age of 11	0
12	12: was no longer observed at the age of 12	0
13	13: was no longer observed at the age of 13	0
14	14: was no longer observed at the age of 14	0
15	15: was no longer observed at the age of 15	0
16	16: was no longer observed at the age of 16	0
17	17: was no longer observed at the age of 17	0
18	18: was no longer observed at the age of 18	0
19	19: was no longer observed at the age of 19	0
20	20: was no longer observed at the age of 20	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	2
-95	-95: doesn't apply (screened out)	407
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [For all loops except nbi3300[h/i/j/k/l] and nbi3309[h/i/j/k/l]]  
You indicated that [name of child] has been diagnosed with [abnormality].

[ALL] Is this abnormality still present today?

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (nbi3008h==1)

### nbi3319 – developmental problems CoT: end other (t,u)

---

1	1: was no longer observed at the age of 1	0
2	2: was no longer observed at the age of 2	1
3	3: was no longer observed at the age of 3	0
4	4: was no longer observed at the age of 4	0
5	5: was no longer observed at the age of 5	0
6	6: was no longer observed at the age of 6	0
7	7: was no longer observed at the age of 7	0
8	8: was no longer observed at the age of 8	0
9	9: was no longer observed at the age of 9	0
10	10: was no longer observed at the age of 10	0
11	11: was no longer observed at the age of 11	0
12	12: was no longer observed at the age of 12	0
13	13: was no longer observed at the age of 13	0
14	14: was no longer observed at the age of 14	0
15	15: was no longer observed at the age of 15	0
16	16: was no longer observed at the age of 16	0
17	17: was no longer observed at the age of 17	0
18	18: was no longer observed at the age of 18	0
19	19: was no longer observed at the age of 19	0
20	20: was no longer observed at the age of 20	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	1
-95	-95: doesn't apply (screened out)	411
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [For all loops except nbi3300[h/i/j/k/1] and nbi3309[h/i/j/k/1]]  
 You indicated that [name of child] has been diagnosed with [abnormality].  
 [ALL] Is this abnormality still present today?

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (nbi3009h==1)

## 10 Pregnancy

This chapter contains information on: children of twins: information on pregnancy.

### prg0200 – pregnancy CoT: medical support? (t,u)

---

1	1: yes	8
2	2: no	193
-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	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	212
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* Did the pregnancy with [name of child] occur with the assistance of medical support (e.g., hormone treatment, IVF)?

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & cts0107h==1

*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]

#### **prg0201** – pregnancy CoT: medical support - medication (t,u)

---

0	0: not mentioned	3
1	1: mentioned	5
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	405
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* What medical support was that? [item text: taking medication]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & prg0200h==1

*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]

#### **prg0202** – pregnancy CoT: medical support - ivf/icsi (t,u)

---

0	0: not mentioned	4
1	1: mentioned	4
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103

-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	405
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* What medical support was that? [item text: in-vitro fertilization (ivf) or intracytoplasmic sperm injection (icsi)]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & prg0200h==1

*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]

### prg0203 – pregnancy CoT: medical support - surgery (t,u)

---

0	0: not mentioned	6
1	1: mentioned	2
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	405
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* What medical support was that? [item text: operation]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & prg0200h==1

*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]

### prg0204 – pregnancy CoT: medical support - insemination (t,u)

---

0	0: not mentioned	8
1	1: mentioned	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	405
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* What medical support was that? [itemtext: intrauterine insemination]  
*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & prg0200h==1

*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]

#### prg0205 – pregnancy CoT: medical support - other treatment (t,u)

0	0: not mentioned	8
1	1: mentioned	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	405
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* What medical support was that? [itemtext: other treatment: [OPEN]]  
*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & prg0200h==1

*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]

#### prg0298 – pregnancy CoT: medical support - don't know (t,u)

0	0: not mentioned	7
1	1: mentioned	1
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	405
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* What medical support was that? [itemtext: don't know]  
*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & prg0200h==1

*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]



**prg0299** – pregnancy CoT: medical support - not specified (t,u)

0	0: not mentioned	8
1	1: mentioned	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	405
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* What medical support was that? [item text: not specified]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(pty,1,2) & flh==1 & prg0200h==1

*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]

**prg1100** – pregnancy CoT: planned? (t,u)

1	1: rather planned	148
2	2: rather unplanned	53
-81	-81: does not apply, neither I nor my partner were pregnant ourselves	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	212
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* Was the pregnancy with [name of child] more unplanned or more planned for you?

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(pty,1,2) & flh==1 & cts0107h==1

*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]

**prg1300** – pregnancy CoT: physical condition last third of pregnancy (t,u)

1	1: very good	42
2	2: good	58
3	3: mostly bad	28



4	4: bad	10
-81	-81: does not apply, the child was not carried by me	1
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	274
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [ITEMBAT] [NCS] How was your physical well-being... [item text: in the last third of the pregnancy with [name of child]?]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (inlist(ptyp,1,2)) & (sex==2) & cts0107h==1

*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]

#### prg1301 – pregnancy CoT: physical condition first 3 months after birth (t,u)

1	1: very good	27
2	2: good	70
3	3: mostly bad	33
4	4: bad	8
-81	-81: does not apply, the child was not carried by me	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	1
-95	-95: doesn't apply (screened out)	274
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [ITEMBAT] [NCS] How was your physical well-being... [item text: in the first three months after the birth of [name of child]?]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (inlist(ptyp,1,2)) & (sex==2) & cts0107h==1

*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]

#### prg1302 – pregnancy CoT: psychological well-being last third of pregnancy (t,u)

1	1: very good	46
2	2: good	67

3	3: mostly bad	18
4	4: bad	6
-81	-81: does not apply, the child was not carried by me	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	1
-95	-95: doesn't apply (screened out)	274
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	0

*Question text:* [ITEMBAT] [NCS] And how was your mental/psychological well-being...

[item text: in the last third of the pregnancy with [name of child]?]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (inlist(ptyp,1,2)) & (sex==2) & cts0107h==1

*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]

### prg1303 – pregnancy CoT: psychological well-being first 3 months after birth (t,u)

1	1: very good	27
2	2: good	77
3	3: mostly bad	28
4	4: bad	6
-81	-81: does not apply, the child was not carried by me	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	1
-95	-95: doesn't apply (screened out)	274
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [ITEMBAT] [NCS] And how was your mental/psychological well-being...

[item text: in the first three months after the birth of [name of child]?]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (inlist(ptyp,1,2)) & (sex==2) & cts0107h==1

*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]

### prg1400 – pregnancy CoT: belly stroked (t,u)

1	1: never	2
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2	2: rarely	6
3	3: occasionally	39
4	4: often	65
5	5: very often	61
-81	-81: doesn't apply (explicit response)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	240
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [ITEMBAT] [NCS] My partner and I, during the pregnancy of [name of child] ... [item text: stroked, caressed, etc. the baby bump.]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (inlist(ptyp,1,2)) & (sex==2) & (prg1300h!=-81) & cts0107h==1

*Item developed for TwinLife.*

#### prg1401 – pregnancy CoT: talked (t,u)

---

1	1: never	2
2	2: rarely	6
3	3: occasionally	55
4	4: often	64
5	5: very often	46
-81	-81: doesn't apply (explicit response)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	240
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [ITEMBAT] [NCS] My partner and I, during the pregnancy of [name of child] ... [item text: talked to the unborn baby.]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (inlist(ptyp,1,2)) & (sex==2) & (prg1300h!=-81) & cts0107h==1

*Item developed for TwinLife.*

#### prg1402 – pregnancy CoT: sung/music played (t,u)

---

1	1: never	13
2	2: rarely	32
3	3: occasionally	54
4	4: often	44

5	5: very often	30
-81	-81: doesn't apply (explicit response)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	240
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [ITEMBAT] [NCS] My partner and I, during the pregnancy of [name of child]... [item text: sang to the baby or played music.]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (inlist(ptyp,1,2)) & (sex==2) & (prg1300h!=81) & cts0107h==1

*Item developed for TwinLife.*

#### prg1500 – pregnancy CoT: medication (t,u)

---

1	1: yes	6
2	2: no	132
-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	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	275
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [NCS] Did you, during the pregnancy of [name of child]... [item text: have to take medications that may be potentially dangerous for the child?]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (inlist(ptyp,1,2)) & (sex==2) & (prg1300h!=81) & cts0107h==1

*Item developed for TwinLife.*

#### prg1501 – pregnancy CoT: smoking (t,u)

---

1	1: yes	4
2	2: no	134
-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	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	275
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [NCS] Did you, during the pregnancy of [name of child]... [item text: smoke?]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (inlist(ptyp,1,2)) & (sex==2) & (prg1300h!=81) & cts0107h==1

*Item developed for TwinLife.*

### prg1502 – pregnancy CoT: alcohol (t,u)

---

1	1: yes	0
2	2: no	138
-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	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	275
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [NCS] Did you, during the pregnancy of [name of child]... [item text: drink alcohol?]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (inlist(ptyp,1,2)) & (sex==2) & (prg1300h!=81) & cts0107h==1

*Item developed for TwinLife.*

### prg1503 – pregnancy CoT: other drugs (t,u)

---

1	1: yes	0
2	2: no	138
-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	103
-93	-93: unclear classification of system missing	0

-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	275
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [NCS] Did you, during the pregnancy of [name of child]... [item text: consume other drugs?]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & (inlist(ptyp,1,2)) & (sex==2) & (prg1300h!=81) & cts0107h==1

*Item developed for TwinLife.*

#### prg1600 – pregnancy CoT: breastfeeding (t,u)

---

1	1: yes, the child was breastfed	170
2	2: no	31
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	212
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* Was [name of child] breastfed?

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & cts0107h==1

*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]

#### prg1601 – pregnancy CoT: breastfeeding duration (in months) (t,u)

---

1	8
2	10
3	7
4	6
5	5
6	12
7	5
8	8
9	10
10	7
11	4
12	9
13	4
14	7
15	4

16		1
17		3
18		6
24		3
30		1
-81	-81: the child is still being breastfed	45
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	0
-95	-95: doesn't apply (screened out)	243
-98	-98: don't know	5
-99	-99: not specified (refused to answer)	0

*Question text:* How long was [name of child] breastfed?

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & prg1600h==1

*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]

## 11 Parental behavior and involvement

This chapter contains information on: children of twins: parenting style.

**par0100** – parenting style CoT: shows affection to child (t,u)

---

1	1: never	0
2	2: rarely	0
3	3: occasionally	7
4	4: often	51
5	5: very often	201
-81	-81: doesn't apply (explicit response)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	53
-95	-95: doesn't apply (screened out)	101
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [ITEMBAT] How often do the following things typically occur between you and [name of child]? [item text: You show [name of child] with words and gestures that you like him/her.]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & hlh==1

Schmahl, F., Wilhelm, B., Friedrich, S., Wendt, E.-V., Thoennissen, C., & Walper, S. (2012). *Scales Manual of the German Family Panel: Wave 1 to 3. Panel Analysis of Intimate Relationships and Family Dynamics (pairfam)*. [URL link]

#### par0101 – parenting style CoT: praises child (t,u)

---

1	1: never	0
2	2: rarely	1
3	3: occasionally	25
4	4: often	85
5	5: very often	148
-81	-81: doesn't apply (explicit response)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	53
-95	-95: doesn't apply (screened out)	101
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Question text: [ITEMBAT] How often do the following things typically occur between you and [name of child]? [item text: You praise [name of child].]

Filter based on instrument: module 'children of twins' (CAWI): inlist(pty,1,2) & flh==1 & hlh==1

Schmahl, F., Wilhelm, B., Friedrich, S., Wendt, E.-V., Thoennissen, C., & Walper, S. (2012). *Scales Manual of the German Family Panel: Wave 1 to 3. Panel Analysis of Intimate Relationships and Family Dynamics (pairfam)*. [URL link]

#### par0102 – parenting style CoT: comforts child (t,u)

---

1	1: never	0
2	2: rarely	0
3	3: occasionally	8
4	4: often	52
5	5: very often	199
-81	-81: doesn't apply (explicit response)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	53
-95	-95: doesn't apply (screened out)	101
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

Question text: [ITEMBAT] How often do the following things typically occur between you and [name of child]? [item text: You cheer up [name of child] when he/she is sad.]



*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & hlh==1

Schmahl, F., Wilhelm, B., Friedrich, S., Wendt, E.-V., Thoennissen, C., & Walper, S. (2012). *Scales Manual of the German Family Panel: Wave 1 to 3. Panel Analysis of Intimate Relationships and Family Dynamics (pairfam)*. [URL link]

#### par0103 – parenting style CoT: supports child (t,u)

---

1	1: never	0
2	2: rarely	0
3	3: occasionally	5
4	4: often	75
5	5: very often	178
-81	-81: doesn't apply (explicit response)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	53
-95	-95: doesn't apply (screened out)	101
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	0

*Question text:* [ITEMBAT] How often do the following things typically occur between you and [name of child]? [itemtext: You give [name of child] advice regarding his/her personal problems.]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & hlh==1

Schmahl, F., Wilhelm, B., Friedrich, S., Wendt, E.-V., Thoennissen, C., & Walper, S. (2012). *Scales Manual of the German Family Panel: Wave 1 to 3. Panel Analysis of Intimate Relationships and Family Dynamics (pairfam)*. [URL link]

#### par0104 – parenting style CoT: punishes child (t,u)

---

1	1: never	79
2	2: rarely	60
3	3: occasionally	78
4	4: often	34
5	5: very often	4
-81	-81: doesn't apply (explicit response)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	53
-95	-95: doesn't apply (screened out)	101
-98	-98: don't know	3
-99	-99: not specified (refused to answer)	1

*Question text:* [ITEMBAT] How often do the following things typically occur between you and [name of child]? [itemtext: If [name of child] does something against your will, you punish him/her.]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & hlh==1

*Schmahl, F., Wilhelm, B., Friedrich, S., Wendt, E.-V., Thoennissen, C., & Walper, S. (2012). Scales Manual of the German Family Panel: Wave 1 to 3. Panel Analysis of Intimate Relationships and Family Dynamics (pairfam). [URL link]*

#### par0105 – parenting style CoT: disappointed in child (t,u)

---

1	1: never	47
2	2: rarely	75
3	3: occasionally	91
4	4: often	32
5	5: very often	8
-81	-81: doesn't apply (explicit response)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	53
-95	-95: doesn't apply (screened out)	101
-98	-98: don't know	5
-99	-99: not specified (refused to answer)	1

*Question text:* [ITEMBAT] How often do the following things typically occur between you and [name of child]? [item text: You are disappointed and sad when [name of child] has misbehaved.]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & hlh==1

*Schmahl, F., Wilhelm, B., Friedrich, S., Wendt, E.-V., Thoennissen, C., & Walper, S. (2012). Scales Manual of the German Family Panel: Wave 1 to 3. Panel Analysis of Intimate Relationships and Family Dynamics (pairfam). [URL link]*

#### par0106 – parenting style CoT: demands obedience from child (t,u)

---

1	1: never	34
2	2: rarely	48
3	3: occasionally	94
4	4: often	65
5	5: very often	10
-81	-81: doesn't apply (explicit response)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	53
-95	-95: doesn't apply (screened out)	101

-98	-98: don't know	6
-99	-99: not specified (refused to answer)	2

*Question text:* [ITEMBAT] How often do the following things typically occur between you and [name of child]? [itemtext: You make it clear to [name of child] that he/she should not resist your orders and decisions.]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & hlh==1

*Schmahl, F., Wilhelm, B., Friedrich, S., Wendt, E.-V., Thoennissen, C., & Walper, S. (2012). Scales Manual of the German Family Panel: Wave 1 to 3. Panel Analysis of Intimate Relationships and Family Dynamics (pairfam). [URL link]*

#### par0107 – parenting style CoT: shouts when child misbehaves (t,u)

---

1	1: never	103
2	2: rarely	92
3	3: occasionally	41
4	4: often	17
5	5: very often	4
-81	-81: doesn't apply (explicit response)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	53
-95	-95: doesn't apply (screened out)	101
-98	-98: don't know	2
-99	-99: not specified (refused to answer)	0

*Question text:* [ITEMBAT] How often do the following things typically occur between you and [name of child]? [item text: You yell at [name of child] when he/she has done something wrong.]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & hlh==1

*Schmahl, F., Wilhelm, B., Friedrich, S., Wendt, E.-V., Thoennissen, C., & Walper, S. (2012). Scales Manual of the German Family Panel: Wave 1 to 3. Panel Analysis of Intimate Relationships and Family Dynamics (pairfam). [URL link]*

#### par0108 – parenting style CoT: scolds child (t,u)

---

1	1: never	186
2	2: rarely	49
3	3: occasionally	13
4	4: often	9
5	5: very often	0
-81	-81: doesn't apply (explicit response)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103

-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	53
-95	-95: doesn't apply (screened out)	101
-98	-98: don't know	2
-99	-99: not specified (refused to answer)	0

*Question text:* [ITEMBAT] How often do the following things typically occur between you and [name of child]? [item text: You scold [name of child] when you are angry with him/her.]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & hlh==1

*Schmahl, F., Wilhelm, B., Friedrich, S., Wendt, E.-V., Thoennissen, C., & Walper, S. (2012). Scales Manual of the German Family Panel: Wave 1 to 3. Panel Analysis of Intimate Relationships and Family Dynamics (pairfam). [URL link]*

#### par0109 – parenting style CoT: talks to child about new friends (t,u)

---

1	1: never	1
2	2: rarely	2
3	3: occasionally	16
4	4: often	37
5	5: very often	11
-81	-81: doesn't apply (explicit response)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	245
-95	-95: doesn't apply (screened out)	101
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [ITEMBAT] How often do the following things typically occur between you and [name of child]? [item text: When [name of child] makes new friends, you talk to him/her about them.]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & hlh==1

*Schmahl, F., Wilhelm, B., Friedrich, S., Wendt, E.-V., Thoennissen, C., & Walper, S. (2012). Scales Manual of the German Family Panel: Wave 1 to 3. Panel Analysis of Intimate Relationships and Family Dynamics (pairfam). [URL link]*

#### par0110 – parenting style CoT: gets to know new friends of child (t,u)

---

1	1: never	1
2	2: rarely	3
3	3: occasionally	18
4	4: often	32
5	5: very often	13
-81	-81: doesn't apply (explicit response)	0

-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	245
-95	-95: doesn't apply (screened out)	101
-98	-98: don't know	0
-99	-99: not specified (refused to answer)	0

*Question text:* [ITEMBAT] How often do the following things typically occur between you and [name of child]? [item text: When [name of child] makes new friends, you get to know them soon thereafter.]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & hlh==1

Schmahl, F., Wilhelm, B., Friedrich, S., Wendt, E.-V., Thoennissen, C., & Walper, S. (2012). *Scales Manual of the German Family Panel: Wave 1 to 3. Panel Analysis of Intimate Relationships and Family Dynamics (pairfam)*. [URL link]

#### par0111 – parenting style CoT: threatens child inconsistently (t,u)

---

1	1: never	118
2	2: rarely	73
3	3: occasionally	40
4	4: often	18
5	5: very often	4
-81	-81: doesn't apply (explicit response)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	53
-95	-95: doesn't apply (screened out)	101
-98	-98: don't know	5
-99	-99: not specified (refused to answer)	1

*Question text:* [ITEMBAT] How often do the following things typically occur between you and [name of child]? [item text: You threaten [name of child] with a punishment but don't actually follow through.]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & hlh==1

Schmahl, F., Wilhelm, B., Friedrich, S., Wendt, E.-V., Thoennissen, C., & Walper, S. (2012). *Scales Manual of the German Family Panel: Wave 1 to 3. Panel Analysis of Intimate Relationships and Family Dynamics (pairfam)*. [URL link]

#### par0112 – parenting style CoT: inconsistent parenting of child (t,u)

---

1	1: never	34
2	2: rarely	82
3	3: occasionally	101

4	4: often	25
5	5: very often	10
-81	-81: doesn't apply (explicit response)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	53
-95	-95: doesn't apply (screened out)	101
-98	-98: don't know	6
-99	-99: not specified (refused to answer)	1

*Question text:* [ITEMBAT] How often do the following things typically occur between you and [name of child]? [itemtext: You find it hard to set and keep consistent rules for [name of child].]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1 & hlh==1

*Schmahl, F., Wilhelm, B., Friedrich, S., Wendt, E.-V., Thoennissen, C., & Walper, S. (2012). Scales Manual of the German Family Panel: Wave 1 to 3. Panel Analysis of Intimate Relationships and Family Dynamics (pairfam). [URL link]*

## 12 Family activities

This chapter contains information on: children of twins: freetime and cultural activities with family members.

### acp0100 – activities with family member CoT: singing or making music (t,u)

1	1: not at all	38
2	2: about once a month	27
3	3: about once a week	52
4	4: several times a week	87
5	5: (almost) daily	72
-81	-81: does not apply (no activities)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	136
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	0

*Question text:* [ITEMBAT] [NCS] The next question is about shared activities and outings with [name of child]. [NCS] How often have you or your partner or someone else in the family engaged in the following activities with [name of child] in the last 4 weeks? [itemtext: singing or making music]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(ptyp,1,2) & flh==1  
*pairfam Group. (2022). Parenting Codebook, Wave 2 (2009/2010), Release 13.0. (ZA5678 Data file version 13.0.0; GESIS Data Archive). [URL link]*

**acp0101** – activities with family member CoT: books (t,u)

1	1: not at all	20
2	2: about once a month	15
3	3: about once a week	33
4	4: several times a week	58
5	5: (almost) daily	150
-81	-81: does not apply (no activities)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	136
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	0

*Question text:* [ITEMBAT] [NCS] The next question is about shared activities and outings with [name of child]. [NCS] How often have you or your partner or someone else in the family engaged in the following activities with [name of child] in the last 4 weeks? [item text: reading books or stories aloud]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(pty,1,2) & flh==1  
*pairfam Group. (2022). Parenting Codebook, Wave 2 (2009/2010), Release 13.0. (ZA5678 Data file version 13.0.0; GESIS Data Archive). [URL link]*

**acp0102** – activities with family member CoT: sport (t,u)

1	1: not at all	32
2	2: about once a month	33
3	3: about once a week	74
4	4: several times a week	101
5	5: (almost) daily	30
-81	-81: does not apply (no activities)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	136
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	6
-99	-99: not specified (refused to answer)	1

*Question text:* [ITEMBAT] [NCS] The next question is about shared activities and outings with [name of child]. [NCS] How often have you or your partner or someone else in the family engaged in the following activities with [name of child] in the last 4 weeks? [item text: sporting activities]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(pty,1,2) & flh==1  
*pairfam Group. (2022). Parenting Codebook, Wave 2 (2009/2010), Release 13.0. (ZA5678 Data file version 13.0.0; GESIS Data Archive). [URL link]*

**acp0103** – activities with family member CoT: walks, excursions (t,u)

1	1: not at all	5
2	2: about once a month	9
3	3: about once a week	56
4	4: several times a week	124
5	5: (almost) daily	82
-81	-81: does not apply (no activities)	0
-87	-87: multiple answers	0
-90	-90: no participation in survey wave	0
-92	-92: no participation in survey module	103
-93	-93: unclear classification of system missing	0
-94	-94: technical error / faulty insertion	136
-95	-95: doesn't apply (screened out)	0
-98	-98: don't know	1
-99	-99: not specified (refused to answer)	0

*Question text:* [ITEMBAT] [NCS] The next question is about shared activities and outings with [name of child]. [NCS] How often have you or your partner or someone else in the family engaged in the following activities with [name of child] in the last 4 weeks? [itemtext:going to the playground, going for walks, going on a trip, visits by other families]

*Filter based on instrument:* module 'children of twins' (CAWI): inlist(pty,1,2) & flh==1  
*pairfam Group. (2022). Parenting Codebook, Wave 2 (2009/2010), Release 13.0. (ZA5678 Data file version 13.0.0; GESIS Data Archive). [URL link]*

**13 Questionnaire navigation**

This chapter contains information on: .

**cotage** – CoT: child 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)	15

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

**cotno** – CoT: birth order (gen)

1	1: first-born child (h)	384
2	2: second-born child (i)	132



3	3: third-born child (j)	0
4	4: fourth-born child (k)	0
5	5: fifth-born child (l)	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

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

#### **cotpid** – CoT: pid of child (pointer)

---

-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

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

#### **cotsex** – CoT: sex of child

---

1	1: male	299
2	2: female	215
-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)	2

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