Documentation of the Standardization of the German Harmonized Histories Data File for birth, partnership histories, leaving home questions and background variables

HARMONIZED HISTORIES Germany (10017 respondents)

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The following documentation gives a description of all input variables and the consequent preparation of the output variables according to the manual for the preparation of comparative fertility and union histories.
All problem cases as well as the treatment of these cases are described in detail. At the end of each module a summary of the main findings is displayed (in red).

Missing values are coded:
.a unknown
.b does not apply
.c unavailable in survey

Source: GGS first wave, GGS_Wave1_Germany_V.4.0.dta

Interview dates Germany February to May 2005

June 2014: Corrections in the variables to leaving home histories of children (KID_L, KID_LY, KID_LM)-changes in missing values of KID_Dx

October 2015: Please note that the partnership histories were modified in October 2015. More precisely, we changed the sorting of the variable UNION_$ (Union order). Prior to that date, we had sorted the unions by start year of the union. This involved that unions which start dates were missing were always listed as last unions. In the modified version, we sorted the partnerships no longer by relying on the start year of the union, but by relying on the order of the union as they appear in the original dataset. For Germany it affects ca. 92 cases.

In connection with this modification, some smaller consistency changes were made to the data. In particular, we recoded the following constellations:

- Events (Union, Marriage, Separation, Divorce) before age 12 of respondent
- Event before age 12 of partner
- Negative difference between partnership date and marriage date
- Negative difference between separation date and union or marrige date and negative difference between divorce date and union or marriage date

- Sucessive partnerships mar-mar[_n-1]<=0 or par-par[_n-1]<=0
- Differences between separation date and next partnership date sep>par[_n+1]

All modifications made October 2015 are described in the updated documentation.

1.Part Basic Information

RESPID: ID number to be assigned at merging LEAVE BLANK

ARID: ID number from raw data (original ID number) used: arid
10017 respondents

COUNTRY: Country and survey used: acountry

COUNTRY: code: 2761: Germany GGS

MONTH_S: Month of survey used: amonth
june

IMONTH_S: Month of survey, including imputed dates

YEAR_S: Year of survey used: ayear
2005

SEX: Sex of the respondent used: ahg4_1
No missing cases
Sex structure of the German respondents:
Male: 4610 and Female: 5407

BORN_Y: Year of birth of respondent used: ahg6y_1
1920-1988: 50 missing cases

BORN_M: Month of birth of respondent used: ahg6m_1
86 missing cases

IBORN_M: Month of birth of respondent used: BORN_M
including imputed months
Harmonized: random variable between 1-12

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2. Part LEAVING HOME

LEAVE_1: Indicator of whether left home
used: a5117a
a5116m/y
a5117a=1 go to a5117bm/y

Definition:
* Respondent did not leave home (0) if: a parent lives in the household and respondent never lived separately from parents (a5117a=2)
* Respondent left home (1) if: there is no parent in household (GRID=0) or there is a parent in household (GRID=1) and respondent ever left home (a5117a=1)
Harmonized: code 0: 332 / code 1: 9685

LEAVE_Y1: Year of first time leaving home used: a5116y and a5117by

Filter: .b if LEAVE_1==0 (332)
Missing cases: 1299

LEAVE_M1: Month of first time leaving home used: a5116m and a5117bm

1580 missing cases

ILEAVE_M1: Month of first time leaving home and imputed months: used: LEAVE_M1

Harmonized: random variables according to manual

---

3. Part UNIONS AND DISSOLUTION ($=order of union)

UNINUM: Total number of unions used: UNION_1 to _6

Syntax:

```
forvalues x=1/6 {
replace UNINUM=UNINUM+1 if UNION_`x'>0
}
```

UNINUM:
0: 2407
1: 6484
2: 923
3: 163
4: 35
5: 3
6: 2

UNION_$: UNION order

For the chapters union /marriage and divorce/ and a part of partners characteristics an extern reshaping program was used, which includes partnership histories and questions to the current partner

Definition (Union_1 to UNION_x):
➔an union exists if there is a partner (hh_rast* code 1) (current partner) or in partnership histories if there is an answer in at least one of the questions to partnership histories

UNION_1: 7610 .d 214
UNION_2: 1126 .d 119

UNION_3: 203
UNION_4: 40
UNION_5: 5
UNION_6: 2

UNION_Y$: Year of start union used: a301y and a334y_

Filter: UNION_Yx=.b if UNION_x==0

UNION_Y1 missing values: 358
UNION_Y2 missing values: 110
UNION_Y3 missing values: 27
UNION_Y4 missing values: 7
UNION_Y5 missing values: 3
UNION_Y6 missing values: 2

TRANSFORMATIONS

```
replace a301y=.a if ARID==32009 | ARID==41386 | ARID==30125 |
ARID==30197 | ARID==30240 | ARID==32009 | ARID==32870 | ARID==40977 |
ARID==41386 | ARID==42334 | ARID==42874 | ARID==43444 | ARID==44987 |
ARID==45351 | ARID==10361 | ARID==30364
replace a302by=.a if ARID==20379 | ARID==30125 | ARID==32870 |
ARID==44987 | ARID==45351  | ARID==20379 | ARID==10361

replace a301y=.a if ARID==30111 | ARID==31741 | ARID==10171 |
ARID==41723 | ARID==42367 | ARID==44010

replace a301m=10 if ARID==10298 | ARID==31100 | ARID==44249
replace a301y=.a if ARID==10429 | ARID==20275 | ARID==30110 |
ARID==30192 | ARID==30551 | ARID==30770 | ARID==30803 | ARID==31279 |
ARID==31521 | ARID==32510 | ARID==45175
replace a301y=.a if ARID==33631 | ARID==40304 | ARID==40313 |
ARID==40397 | ARID==40570 | ARID==41108 | ARID==41499 | ARID==41835  |
ARID==41920 | ARID==42804 | ARID==43696 | ARID==44148 | ARID==44325 |
ARID==44876 | ARID==44995 | ARID==32573
replace a301m=7 if ARID==20231 | ARID==44331
replace a301m=8 if ARID==30031 | ARID==43914 | ARID==45048
replace a301m=9 if ARID==30044 | ARID==44243
replace a301m=11 if ARID==33204 | ARID==43546
replace a301m=5 if ARID==42329

replace a334y_1=.a if ARID==100  | ARID==10300 | ARID==43565 |
ARID==44333 | ARID==45537
replace a334y_2=.a if ARID==10300
replace a344y_1=.a if ARID==10300 | ARID==45537 | ARID==31553 |
ARID==33099 | ARID==394  | ARID==31823 | ARID==40787 | ARID==41489 |
ARID==20072 | ARID==32021 | ARID==40367
replace a344y_2=.a if ARID==10300 | ARID==31553
replace a335y_1=.a if ARID==43565 | ARID==44333 | ARID==33399 |
ARID==31823 | ARID==40583
replace a336y_1=.a if ARID==172 | ARID==10364 | ARID==43921 |
ARID==33099
replace a344y_3=.a if ARID==30858 | ARID==32270
replace a349y_2=.a if ARID==43586
replace a335y_3=.a if ARID==32270
replace a349y_3=.a if ARID==32270
```

```
*last partnership in histories and actual are the same
replace a334m_2=. if ARID==30154 | ARID==30180 | ARID==30255 |
ARID==30818 | ARID==31139 | ARID==31949 | ARID==44794 | ARID==43045 |
ARID==41137 | ARID==40645 | ARID==33346 | ARID==32219 | ARID==31949 |
ARID==31897
replace a334y_2=. if ARID==30154 | ARID==30180 | ARID==30255 |
ARID==30818 | ARID==31139 | ARID==31949 | ARID==44794 | ARID==43045 |
ARID==41137 | ARID==40645 | ARID==33346 | ARID==32219 | ARID==31949  |
ARID==31897
replace a335a_2=. if ARID==30154 | ARID==30180 | ARID==30255 |
ARID==30818 | ARID==31139 | ARID==31949 | ARID==44794 | ARID==43045 |
ARID==41137 | ARID==40645 | ARID==33346 | ARID==32219 | ARID==31949 |
ARID==31897
replace a336m_2=. if ARID==30154 | ARID==30180 | ARID==30255 |
ARID==30818 | ARID==31139 | ARID==31949 | ARID==44794 | ARID==43045 |
ARID==41137 | ARID==40645 | ARID==33346 | ARID==32219 | ARID==31949 |
ARID==31897
replace a336y_2=. if ARID==30154 | ARID==30180 | ARID==30255 |
ARID==30818 | ARID==31139 | ARID==31949 | ARID==44794 | ARID==43045 |
ARID==41137 | ARID==40645 | ARID==33346 | ARID==32219 | ARID==31949 |
ARID==31897
replace a338_2=. if ARID==30154  | ARID==30180 | ARID==30255 |
ARID==30818 | ARID==31139 | ARID==31949 | ARID==44794 | ARID==43045 |
ARID==41137 | ARID==40645 | ARID==33346 | ARID==32219 | ARID==31949 |
ARID==31897
replace a343_2=. if ARID==30154  | ARID==30180 | ARID==30255 |
ARID==30818 | ARID==31139 | ARID==31949 | ARID==44794 | ARID==43045 |
ARID==41137 | ARID==40645 | ARID==33346 | ARID==32219 | ARID==31949 |
ARID==31897
replace a344m_2=. if ARID==30154 | ARID==30180 | ARID==30255 |
ARID==30818 | ARID==31139 | ARID==31949 | ARID==44794 | ARID==43045 |
ARID==41137 | ARID==40645 | ARID==33346 | ARID==32219 | ARID==31949 |
ARID==31897
replace a344y_2=. if ARID==30154 | ARID==30180 | ARID==30255 |
ARID==30818 | ARID==31139 | ARID==31949 | ARID==44794 | ARID==43045 |
ARID==41137 | ARID==40645 | ARID==33346 | ARID==32219 | ARID==31949 |
ARID==31897
replace a335m_2=. if ARID==31949 | ARID==44794 | ARID==41137 |
ARID==40645 | ARID==33346 | ARID==31897 | ARID==43045 | ARID==40645 |
ARID==33346 | ARID==31897
replace a335y_2=. if ARID==31949 | ARID==44794 | ARID==41137 |
ARID==40645 | ARID==33346 | ARID==31897 | ARID==43045 | ARID==40645 |
ARID==33346 | ARID==31897

replace a334m_4=. if ARID==31000
replace a334y_4=. if ARID==31000
replace a335a_4=. if ARID==31000
replace a336m_4=. if ARID==31000
replace a336y_4=. if ARID==31000
replace a338_4=. if ARID==31000
replace a343_4=. if ARID==31000
replace a344m_4=. if ARID==31000
replace a344y_4=. if ARID==31000

replace a334m_5=. if ARID==32645
replace a334y_5=. if ARID==32645
replace a335a_5=. if ARID==32645
```

```
replace a336m_5=. if ARID==32645
replace a336y_5=. if ARID==32645
replace a338_5=. if ARID==32645
replace a343_5=. if ARID==32645
replace a344m_5=. if ARID==32645
replace a344y_5=. if ARID==32645

replace a334m_3=. if ARID==32225
replace a334y_3=. if ARID==32225
replace a335a_3=. if ARID==32225
replace a336m_3=. if ARID==32225
replace a336y_3=. if ARID==32225
replace a338_3=. if ARID==32225
replace a343_3=. if ARID==32225
replace a344m_3=. if ARID==32225
replace a344y_3=. if ARID==32225
replace a335m_3=. if ARID==32225
replace a335y_3=. if ARID==32225

replace a334y_2=.a if ARID==30275 | ARID==30711
replace a335y_2=.a if ARID==30275 | ARID==43779
replace a335y_4=.a if ARID==43779
replace a344y_4=.a if ARID==43779
replace a334y_1=.a if ARID==32108
replace a344y_1=.a if ARID==32108
replace a335y_3=.a if ARID==43586
replace a334y_3=.a if ARID==43805
replace a334y_4=.a if ARID==43805
replace a334y_5=.a if ARID==43805
replace a334y_6=.a if ARID==43805
replace a344y_3=.a if ARID==43805
replace a344y_4=.a if ARID==43805
replace a344y_5=.a if ARID==43805
replace a344y_6=.a if ARID==43805

replace a334y_2=.a if ARID==225
replace a344y_1=.a if ARID==375
replace a334m_2=5 if ARID==10275
replace a334m_2=12 if ARID==20181 | ARID==43382
replace a334y_2=.a if ARID==31170 | ARID==32573 | ARID==43388 |
ARID==43498 | ARID==45741
replace a334m_2=11 if ARID==31429
replace a334m_2=7 if ARID==32975
replace a334m_2=3 if ARID==42576
replace a334m_2=8 if ARID==44243
```

UNION_M$: Month of start UNION used: a301m and a334m_

Filter: UNION_Mx=.b if UNION_x==0

```
UNION_M1  missing values: 514
UNION_M2  missing values: 82
UNION_M3  missing values: 28
UNION_M4  missing values: 6
UNION_M5  missing values: 2
UNION_M6  missing values: 1
```

IUNION_M$: Month of start UNION and imputed months according to manual page 4 (random) — used: UNION_M$

Filter: IUNION_Mx=.b if UNION_x==0

SEP_$: Dissolution of UNION — used: a343_ (only histories)

Filter: SEP_x=.b if UNION_x==0
➔in case of current partner: no separation

SEP_1 missing cases: 7
SEP_2 missing cases: 14
SEP_3 missing cases: 8

Order of Union	Number of unions	number of separations	death of partner
1	7610	1745	382
2	1126	381	43
3	203	80	6
4	40	16	
5	5	2	
6	2	2	

SEP_Y$: Year of end of UNION — used: a344y_ (only histories)

Filter: SEP_Yx=.b if UNION_x==0
SEP_Yx=.b if SEP_x==0

SEP_Y1 missing values: 504
SEP_Y2 missing values: 103
SEP_Y3 missing values: 33
SEP_Y4 missing values: 6
SEP_Y5 missing values: 2
SEP_Y6 missing values: 2

replace SEP_Y1=.a if (SEP_Y1<UNION_Y1 & UNION_Y1!=.a)

SEP_M$: Month of end of UNION — used: a344m_ (histories only)

Filter: SEP_Mx=.b if UNION_x==0
SEP_Mx=.b if SEP_x==0

SEP_M1 missing values: 525
SEP_M2 missing values: 112
SEP_M3 missing values: 31
SEP_M4 missing values: 5
SEP_M5 missing values: 1
SEP_M6 missing values: 1

ISEP_M$: Month of end of UNION and imputed months according to manual page 4 (random) — used: SEP_M$

Filter: ISEP_Mx=.b if UNION_x==0
ISEP_Mx=.b if SEP_x==0

Summary: Some problems with dates of the union and the separation were found and some transformation had to be performed which are described in the chapter above.

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4. Part MARRIAGE AND DIVORCE ($=order of union)

MARR_$: Indicator of whether marriage took place and type of marriage used: a302a and a335a

Filter: MARR_x=.b if UNION_x==0

MARR_1 missing values: 7
MARR_3 missing values: 1
MARR_5 missing values: 1
MARR_6 missing values: 1

Order of Union	Number of unions	number of marriages
1	7610	6387
2	1126	663
3	203	85
4	40	12
5	5	1
6	2	

MARR_Y$: Year of marriage used: a302by and a335y_

Filter: MARR_Yx=.b if UNION_x==0
MARR_Yx=.b if MARR_x==0

MARR_Y1 missing values: 193
MARR_Y2 missing values: 17
MARR_Y3 missing values: 5
MARR_Y4 missing values: 2
MARR_Y5 missing values: 1

MARR_M$: Month of marriage used: a302bm and a335m_

Filter: MARR_Mx=.b if UNION_x==0
MARR_Mx=.b if MARR_x==0

MARR_M1 missing values: 241
MARR_M2 missing values: 17
MARR_M3 missing values: 3
MARR_M4 missing values: 2
MARR_M5 missing values: 1

IMARR_M$: Month of marriage and imputed months according to manual page 4 (random) — used: MARR_M$

Filter: IMARR_Mx=.b if UNION_x==0
IMARR_Mx=.b if MARR_x==0

DIV_$: Indicator of whether divorce occurred — used: a349a (only histories)

Filter: DIV_x=.b if UNION_x==0
DIV_x=.b if MARR_x==0
DIV_x=.d if f033000==2

DIV_1 missing values: 9
DIV_2 missing values: 5
DIV_3 missing values: 2
DIV_4 missing values: 1
DIV_5 missing values: 1

Order of Union	Number of unions	number of marriages	number of divorces
1	7610	6387	946
2	1126	663	117
3	203	85	17
4	40	12	3
5	5		
6	2		

DIV_Y$: Year of divorce — used: a349y_

Filter: DIV_Yx=.b if UNION_x==0
DIV_Yx=.b if MARR_x==0
DIV_Yx=.b if DIV_X==0 or .d

DIV_Y1 missing values: 63
DIV_Y2 missing values: 15
DIV_Y3 missing values: 4
DIV_Y4 missing values: 2
DIV_Y5 missing values: 1

DIV_M$: Month of divorce — used: a349m_

Filter: DIV_Mx=.b if UNION_x==0
DIV_Mx=.b if MARR_x==0
DIV_Mx=.b if DIV_x==0 or .d

DIV_M1 missing values: 87
DIV_M2 missing values: 19
DIV_M3 missing values: 3
DIV_M4 missing values: 2
DIV_M5 missing values: 1

IDIV_M$: Month of divorce and imputed months according to manual page 4 (random) — used: DIV_M$

Filter: IDIV_Mx=.b if UNION_x==0
IDIV_Mx=.b if MARR_x==0
IDIV_Mx=.b if DIV_x==0 or .d

Summary: Some problems with dates of the marriage were found and some transformation had to be performed which are described in the chapter above.

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5. Part PARTNER`S CHARACTERISTICS ($=order of union)

SEXP_$: Partner`s sex used: ahg4_1 and a352a

Filter: SEXP_x=.b if UNION_x==0
SEXP_1: missing case: 17
SEXP_2: missing case: 3
SEXP_3: missing case: 1

Partner	Number of unions	Number male	Number female
1	7610	4182	3411
2	1126	653	470
3	203	99	103
4	40	21	19
5	5	2	3
6	2	1	1

YEARBIRP_$: Year of birth of partner used: ahg6y_2 and a336y_

Filter: YEARBIRP_x=.b if UNION_x==0

YEARBIRP_1 missing cases: 320
YEARBIRP_2 missing cases: 75
YEARBIRP_3 missing cases: 22
YEARBIRP_4 missing cases: 4
YEARBIRP_5 missing case: 2
YEARBIRP_6 missing case: 2

MONBIRP_$: Month of birth of partner used: ahg6m_2 and a336m_

Filter: MONBIRP_x=.b if UNION_x==0

MONBIRP_1 missing cases: 392
MONBIRP_2 missing cases: 82
MONBIRP_3 missing cases: 24
MONBIRP_4 missing cases: 6
MONBIRP_5 missing case: 2
MONBIRP_6 missing case: 2

IMONBIRP_$: Month of birth of partner and imputed months used: MONBIRP_$
according to manual page 4 (random)

Filter: IMONBIRP_x=.b if UNION_x==0

NUMCHP_$: Number of children of partner at start of union$

used:
for current partner:
a)children of partner (household members): relation of household member to respondent : code 4: step child: my current partners child not adopted by me➔ ahg3_3 to ahg3_7
b)non-resident stepchildren: a229_
c)for partnership histories: a338_
also: year of start of union(a301y) and year of birth of stepchild (a230y_ and ahg6y__3-ahg6y_7)

Problem: The question: When you started living together, how many children did your partner have? (a338)- exists only for partnership histories
-for current partnership it had to be created with help of the number of stepchildren, year of start of union and year of birth of stepchild

Definition:
* in the number of children of current partner are included:
* all stepchildren of respondent living at the moment of interview in household grid and were born before the start of the union
* all nonresident stepchildren at the time of interview - partners children born before partnership
* the number of partner`s children at start of a union in partnership history

NUMCHP_$=.b if UNION_X==0

NUMCHP_1: missing values: 2245
NUMCHP_2: missing values: 119
NUMCHP_3: missing values: 1
NUMCHP_4: missing values: 17
NUMCHP_5: missing values: 2

NUMCLIV_$: Number of children of partner lived with respondent
Problem: The question: How many of them (children of partner) lived with respondent do not exist in partnership histories in German GGS.

Union	Number of unions	NUMCHP	NUMCLIV
1	7610	1: 213 2: 81 3: 23 4: 3 5: 3 6: 1 7: 1	.c
2	1126	1: 162 2: 103 3: 32 4: 12 5: 2 6: 2	.c
3	203	1: 34	.c

		2: 17 3: 6 4: 2 7: 1	
4	40	1: 8 2: 2 3: 1	.c
5	5	1: 1	.c
6	2		.c

Summary: The variable NUMCHP had to be created for the current partnership. The variable NUMCLIV is not included.

6. Part Birth histories (biological kids)

For the chapter "Birth histories" an extern reshaping program was used, which includes biological children in household and questions to the nonresident biological children

To create the number of biological children (KID_1 to KID_x) the following definition was applied:
➔a biological child exists in household if there is code 2 or 3 (biological child by current or previous partner) in the relationship to respondent(ahg3_) and a nonresident biological child exists if a213_==1

KID_$: Indicator of child order

used: huiosehold grid and generated variable obnr (at least 1 answer in questions a212_-a224_)

no missing cases

Child order	number of children	.d
1	6753	166
2	4349	20
3	1427	15
4	447	10
5	160	2
6	60	1
7	25	1
8	9	
9	2	

KID_Y$: Year of birth of child used: ahg6y_ and a216y_

Filter: KID_Yx=.b if KID_x==0

KID_Y1 missing values: 72
KID_Y2 missing values: 57
KID_Y3 missing values: 31
KID_Y4 missing values: 12
KID_Y5 missing values: 4
KID_Y6 missing values: 2

KID_Y7 missing values: 1
KID_Y8 missing values: 1

TRANSFORMATIONS:
replace ahg3_2=1 if ARID==366 | ARID==31941 | ARID==33108 | ARID==40872 | ARID==44931 | ARID==44983

replace ahg3_2=.a if ARID==41848
replace ahg6y_4=.a if ARID==42455
replace ahg6y_3=.a if ARID==42762

replace a220y_3=.a if ARID==32580
replace a216y_1=.a if ARID==41724
replace a216y_2=.a if ARID==41724

Differences between 2 births <0.7 or >20 years, for your information only, no changes:

ARID: 133 10052 10169 10298 10377 10390 10426 20381 20393 30176 30398 30543 30578 30583 30839 30902 31022 31668 31697 31871 32018 32431 32486 32684 32826 32831 32985 33124 33164 33400 33540 33569 40042 40182 40254 40359 40458 40491 40564 40729 40801 41034 41047 41151 41487 41559 41654 41656 41658 41662 41665 41992 42026 42026 42171 42322 42447 42804 43060 43246 43254 43284 43284 43697 43924 44082 44257 44577 45048 45125 45127 45136 45151 45236 45294 45352 45564

KID_M$: Month of birth of child used: ahg6m_ and a216m_

Filter: KID_Mx=.b if KID_x==0

KID_M1 missing values: 104
KID_M2 missing values: 81
KID_M3 missing values: 39
KID_M4 missing values: 14
KID_M5 missing values: 5
KID_M6 missing values: 4
KID_M7 missing values: 2
KID_M8 missing values: 1

IKID_M$: Month of birth of child and imputed months according to manual page 4 (random) used: KID_M$

Filter: IKID_M_x=.b if KID_x==0

KID_S$: Sex of child used: ahg4_ and a212_

Filter: KID_Sx=.b if KID_x==0

KID_S1 missing cases: 4
KID_S2 missing cases: 2
KID_S3 missing cases: 2
KID_S4 missing cases: 1

Child order	number of children	male	female
1	6753	3552	3197
2	4349	2225	2122
3	1427	734	691
4	447	237	209
5	160	77	83
6	60	30	30
7	25	14	11
8	9	1	8
9	2	0	2

KID_D$: Death of child used: a211b

Filter: KID_Dx=.b if KID_x==0

No missing cases,

Child order	number of children	death
1	6753	76
2	4349	63
3	1427	16
4	447	10
5	160	4
6	60	1
7	25	
8	9	
9	2	

KID_DY$: Year of death of child used: a217y

Filter: KID_DYx=.b if KID_x==0
KID_DYx=.b if KID_Dx==0

KID_DY3 missing values: 1

KID_DM$: Month of death of child used: a217m

Filter: KID_DMx=.b if KID_x==0
KID_DMx=.b if KID_Dx==0

KID_DM2 missing values: 3
KID_DM3 missing values: 1

IKID_DM$: Month of death of child and imputed months used: KID_DM

according to manual page 4 (random)

Filter: IKID_DMx=.b if KID_x==0
IKID_DMx=.b if KID_Dx==0

KID_L$: Child left home
used: child in household or nonresident

Child's parental home leave variable (KID_L) was not constructed perfectly as it was created in wide format instead of long. Namely the error occurred assuming that child's order would perfectly match of those living outside the household. More specifically, if child from outside household changes its order (because of preceding foster/adopted or a step child) and in household grid is reported biological child of the same order, then this particular child will be coded as "0" (did not leave home). Furthermore some children living in the household were coded as left home.

Initially both KID_LY (year of child's home leave) and KID_M (month of child's home leave) variables were constructed correctly, however due to reason that KID_L variable serves as filter for both variables then these variables eventually were changed to either ".b" (does not apply) or ".a " (unknown).

Since june 2014 KID_L is constructed in a long format. In addition children which died were excluded from KID_L=1 and are now coded with special missing code .d and KID_LY and KID_LM for dead children is coded as .b.

DECISION:

```
*Child did not leave home if child lives in household grid (code 2 or
3)
*Child left home if is nonresident
```

Filter: KID_Lx=.b if KID_x==0

Child order	number of children	Left home
1	6753	3274
2	4349	2098
3	1427	731
4	447	252
5	160	105
6	60	47
7	25	17
8	9	8
9	2	2

KID_LY$: Year child left home used: a220y

Filter: KID_LYx=.b if KID_x==0
KID_LYx=.b if KID_Lx==0

```
KID_LY1 missing cases: 348
KID_LY2 missing cases: 226
KID_LY3 missing cases: 98
KID_LY4 missing cases: 45
KID_LY5 missing cases: 19
KID_LY6 missing cases: 11
KID_LY7 missing cases: 4
KID_LY8 missing cases: 1
KID_LY9 missing cases: 1
```

KID_LM$: Month child left home used: a220m

Filter: KID_LMx=.b if KID_x==0
KID_LMx=.b if KID_Lx==0

KID_LM1 missing cases: 464
KID_LM2 missing cases: 306
KID_LM3 missing cases: 132
KID_LM4 missing cases: 53
KID_LM5 missing cases: 23
KID_LM6 missing cases: 13
KID_LM7 missing cases: 6
KID_LM8 missing cases: 2
KID_LM9 missing cases: 1

IKID_LM$: Month of death of child and imputed months — used: KID_LM

according to manual page 4 (random variable)

Filter: IKID_LMx=.b if KID_x==0
IKID_LMx=.b if KID_Lx==0

---

7. Part Education

INSCHOOL: Currently studying at the time of interview — used: a148

Currently studying: 410

EDU_COU: Highest level of education, country specific — used: a148

Missing values: 1

Harmonized: these country specific codes include:
* a 3-digit country prefix(276)
* a 1-digit survey code (German GGS=1) and
* a 2-digit country specific code for level of education (1-9)

ISCED_7: Highest level of education Achieved according to ISCED 1997 — used: EDU_COU

Missing cases: 128

Harmonized:

ISCED	Number
0+1	97
2	1196
3	5194
4	486
5	2293
6	213

EDU_3: Highest level of education ISCED Collapsed into 3 categories — used: ISCED_7

Definition: High: ISCED_7=5 or 6
Medium: ISCED_7=3 or 4
Low: ISCED_7=1 or 2

Level	Number
High	2506
medium	5680
low	1293
missing cases	128/410

EDU_Y: Year highest level of education achieved used: a150y

Missing cases: 1700

EDU_M: Month highest level of education achieved used: a150m

Missing cases: 1829

IEDU_Y: Year highest level education achieved and imputed year

Definition for imputation:

1) for missing cases: find the modal age of graduation (with help of graduation dates and birth dates) for every level of education and impute for year of graduation: birth date + modal age of graduation

After these imputations: 162 unknown years

IEDU_M: Month highest education achieved and imputed month

Definition:

1) if only month unknown/ year known: random variable according manual
2) if month and year unknown use month achieved in process above
3) for the last missing values random variable

After these imputations: 34 unknown years

Summary

IEDU_Y: for IEDU_Y 162 cases (.a) remain where the date of birth is unknown and for IEDU_M 34 unknown cases remain

---

8.Part Background variables (ethnicity, nationality etc.)

NATIVE: Born in country used: a105

Born in country: 8746
4 missing cases

ETHNOS: Ethnicity/nationality used: a110

Country specific variable (276+1+code)

Filter: German GGS: if f010500==2
Missing cases: 13

BIRTH_COU: Country of birth used: a106b

Country specific variable (276+1+code)

Filter: f010500==2
Missing cases: 43

MIG_Y: Year of migration used: a107y

Filter: f010500==2
Missing cases: 30

MIG_M: Month of migration used: a107m

Filter: f010500==2
Missing cases: 59

IMIG_M: Month of migration and imputed months used: MIG_M

according to manual page 4 (random)

---

9. Part Background variables (parental background)

SIS_NO: Number of sisters used: a5106a_s
Missing cases: 4424

BRO_NO: Number of brothers used: a5106a_b
Missing cases: 4129

SIBS: Total number of sibs used: SIS_NO/ BRO_NO
Missing cases: 1993

DECISION: If number of sisters is known and number of brothers is unknown or number of brothers is known and number of sisters is unknown: the number of known brothers or sisters is used
*if number of brothers and number of sisters is unknown the value remains missing

SIS_DIED: Number of sisters that died used: a5106a_s/a5106b_s (sisters alive) and total number of sisters

(number of sisters respondent have ever had – number of alive sisters)

Missing cases: 4722

BRO_DIED: Number of brothers that died used: a5106a_b/a5106b_b (brothers alive and total number of brothers

Missing cases: 4609

ISCED_MO: Mother`s highest level of education used:a5115

ISCED	Number
0+1	461
2	4065
3	4332
4	110
5	615
6	60
.b	5
missing	369

ISCED_FA: Father`s highest level of education used: a5513

ISCED	Number
0+1	195
2	1479
3	5066
4	126
5	1716
6	237
.b	2
missing	1196

EDU3_MO: Highest level of education of mother
ISCED 1997, collapsed into 3 categories used: ISCED_MO

Definition: 1 (high) if ISCED_MO=5 or 6
2 (medium) if ISCED_MO=3 or 4
3 (low) if ISCED_MO=1 or 2

Level	Number
High	675
medium	4442
low	4526
.b	5
missing cases	369

EDU3_FA: Highest level of education of father
ISCED 1997, collapsed into 3 categories used: ISCED_FA

Definition: 1 (high) if ISCED_FA=5 or 6
2 (medium) if ISCED_FA=3 or 4
3 (low) if ISCED_FA=1 or 2

Level	Number
High	1953
medium	5192
low	1674
.b	2
missing cases	1196

WORK_MO: Mother`s occupation, when respondent was 15
Original country codes used: a5114

Missing cases: 509

WORK_FA: Father`s occupation, when respondent was 15
Original country codes used: a5112

WORK_FA missing cases: 1377

ISCO3_MO: Mother`s occupation, when respondent was 15
3 categories

Not included in survey

ISCO3_FA: Father`s occupation, when respondent was 15
3 categories

Not included in survey

NATIVE_MO: Mother born in country used: a513a

Mother born in country: 8417 cases / no:146

Missing cases: 132

NATIVE_FA: Father born in country used: a533a

Father born in country: 8131 cases/ no: 1525

Missing cases: 361

BIRTHCO_MO: Mother`s country of origin, country specific (276)
used: a513b

Filter: BIRTHCO_MO=.b if NATIVE_MO==1

missing cases: 190

BIRTHCO_FA: Father`s country of origin, country specific (276)
used: a533b

Filter: BIRTHCO_FA=.b if NATIVE_FA==1

missing cases: 418

PARDIVEV: Parents ever divorced/separated used: a550/ a552

Definition:

1) Parents ever divorced/separated (1 yes) if: there is code 1 (yes, biological parents ever broke up) in the used questions (646 cases)

2) No-stayed together if: respondent lives with both parents and they never broke up, or respondent lives without parent and they never separated (3334)
3) They never lived together (3) if: there is code 2 in the questions(73 cases)
4) Parental death (4) if: respondent lives with father/mother and the other part is dead or respondent lives without parents and one part is dead (105)
5) No, no other information available (5) if: code 3 (no, another information) and no death (1 cases)

Missing cases: 5858

PARDIV_15: Parents divorced before age of 15 used: a550/a551

and year of birth of respondent, years of separation, years of death

Definition: if events take place before age 15 of respondent

5858 missing cases

10.Part Background variables (region, size of location)

REGION: Country region at time of interview used: aregion

Country specific variable (276+1 +code)

No missing cases

SIZE: Size of place of residence at time of interview used: atype

country specific variable

ISIZE: Size of place of residence at time of interview leave blank

Standardized code

SIZE_15: Size of place of residence at age 15

country specific variable

Missing values: 1116 used: a5108_1

ISIZE_15: Size of place of residence at age 15

Standardized code

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11. Part Other background variables

RELIGION: Religious affiliation at time of interview

Country specific variable (276+1 +code) used: a1101

Missing cases: 56

IRELIGION: Religious affiliation at time of interview

Standardized code

ADOPT: Number of adopted children of respondent
used: ahg3_ (code5) and a213_ (code 2)

FOSTER: Number of foster children of respondent
Used: ahg3_ (code 6) and a213_ (code 3)

STEP: Number of stepchildren of respondent
Used: ahg3_ (code 4) and a229_

Number of children	Adopt	Foster	Step
1	44	33	227
2	12	16	115
3		6	32
4		1	7
5		3	1
6			2
7			
8		1	
10			1

12. Part Weights

HHWGT: Household weight – not available in survey

PERSWGT: Personal weight - aweight

KISHWGT: Kishweight - not available in survey