Chapter 6 Online Appendix

1. SAMPLE SELECTION

For an observation to be part of our working samples, it must have non-missing data on all the relevant cognitive and behavioral assessments. At a minimum, this requires that the family has remained in the survey until wave 3, when most of the assessments were taken (age five for the U.K. children, roughly age four for the U.S.). Table 6.1 shows that survey attrition is a problem in both countries, but more so in the United Kingdom than the United States. Eighty-four percent of the U.S. children who ever participated in the survey did so at all three waves compared with only 69 percent of the U.K. children. Systematic differences in retention in the survey as a whole are accounted for via the use of survey weights.

Missing information on the outcome variables cuts the sample further, again more severely for the U.K. sample than for the U.S. sample. Eighteen percent and 28 percent of those eligible in wave 3 had at least one piece of missing information in the U.S. and U.K. samples, respectively. Together, the two factors of survey attrition and missing outcomes mean that our working samples cover 69 percent of the potential U.S. sample and 50 percent of the potential U.K. sample.

Table 6A.1. Sample Sizes

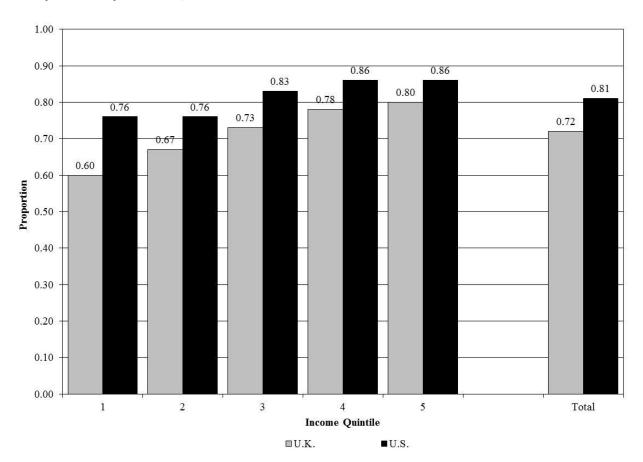
	Sample Criteria								
	Ever Participated in Survey	Participated	d in All 3 Waves	Valid Outcome Scores on All Meas (Working Sample)					
			(3)		(5)	(6)			
	(1)	(2)	(2) as % of	(4)	(4) as % of	(4) as % of			
	Obs	Obs	(1)	Obs	(1)	(2)			
U.S.	10,700	8,900	83.9%	7,250	68.6%	81.5%			
U.K.	19,474	12,874	69.2%	8,864	49.5%	71.6%			

Percentages calculated using sample weights.

ECLS-B (U.S.) sample sizes rounded to the nearest fifty in accordance with NCES regulations.

The income quintile groups we use in our analysis are defined (using the survey weights) over the samples who participated in all three survey waves (i.e., those in column 2 of table 6A.1). Figure 6A.1 explores whether the sample without any missing outcome data is drawn differentially from particular parts of the income distribution within this group. There is some evidence that children in lower-income families are more likely to be missing at least one outcome score than those in higher-income families, and that this selection is stronger for the U.K. sample than the U.S. sample.

Figure 6A.1. Working Sample as a Proportion of Children Who Participated in All Three Survey Waves, by Income Quintile



Income quintile boundaries defined over the sample participating in all three survey waves (8,900 for the U.S., 12,874 for the U.K.). Numbers shown are the proportion of each quintile group with valid outcome scores (i.e., those in the working sample). Proportions calculated using survey weights.

 $\begin{tabular}{ll} Table 6A.2. PCA Scoring Coefficients and Inter-Correlation Matrix of Cognitive Ability SubScales in the U.K. MCS \\ \end{tabular}$

	PCA _	Correlations						
	Scoring Coefficients	BRSA (3)	BAS-NV (3)	BAS-NV (5)	BAS-PS (5)	BAS-PC (5)		
BRSA (3)	0.49	1.00						
BAS-NV (3)	0.50	0.54	1.00					
BAS-NV (5)	0.50	0.45	0.51	1.00				
BAS-PS (5)	0.34	0.23	0.20	0.31	1.00			
BAS-PC (5)	0.38	0.29	0.24	0.29	0.31	1.00		

N = 8,864.

Table 6A.3. PCA Scoring Coefficients and Inter-Correlation Matrix of Cognitive Ability Sub-Scales in the U.S. ECLS-B

		Correlations						
	PCA Scoring Coefficients	Receptive Language	Literacy	Mathem- atics	Express- ive Language	Color Know- ledge	Copying	
Receptive								
language	0.43	1.00						
Literacy	0.48	0.48	1.00					
Mathematics	0.50	0.51	0.75	1.00				
Expressive language	0.30	0.46	0.25	0.29	1.00			
Color								
knowledge	0.38	0.38	0.40	0.47	0.22	1.00		
Copying	0.32	0.22	0.38	0.45	0.13	0.24	1.00	

N = 7,250.

Table 6A.4. Behavioral Problem Items and Their PCA Scoring Coefficients

MCS (U.K.)	na Then	Similar items from the ECLS-B (U.S.)			
WICS (U.K.)		Similar items from the ECLS-B (C	.3.)		
SDQ sub-scale: Conduct problems					
Often has temper tantrums	0.26	Has temper outbursts or tantrums	0.22		
Fights with or bullies other children	0.20	Is physically aggressive, for example, hits, kicks, or pushes	0.21		
Generally obedient	0.26	Destroys things that belong to others	0.24		
Often argumentative with adults	0.20	Gets angry easily	0.21		
Can be spiteful to others	0.10	Bothers and annoys other children	0.23		
SDQ sub-scale: Hyperactivity/attention					
Easily distracted	0.28	Has difficulty concentrating or staying on task	0.24		
Restless, overactive, cannot stay still for long	0.28	Pays attention well	0.26		
Constantly fidgeting	0.26	Is overly active—unable to sit still	0.19		
Sees tasks through until the end	0.25	Keeps working until finished	0.24		
Can stop and think before acting	0.22	Acts impulsively without thinking, for example, runs across the street without looking	0.18		
		looking			
SDQ sub-scale: Peer problems					
Generally liked by other children	0.20	Is accepted and liked by other children	0.25		
Has at least one good friend	0.15	Makes friends easily	0.25		
Tends to play alone	0.15	Invited to play by other children	0.20		
Picked on or bullied by other children	0.14	Invites other children to play	0.24		
Gets on better with adults	0.16				
SDQ sub-scale: Emotional symptoms					
Often unhappy	0.17	Seems unhappy	0.16		
Often seems worried	0.15	Worries about things	0.03		
Complains of headaches/stomach aches/sickness	0.11				
Nervous or clingy in new situations	0.15				
Many fears, easily scared	0.17				
SDQ sub-scale: Pro-social behavior					
Considerate of others' feelings	0.23	Tries to understand another child's behavior, for example, by asking, "Why are you crying?"	0.21		
Shares readily with others	0.21	Shares toys and other belongings with other children	0.24		
Often volunteers to help others	0.17	Volunteers to help other children complete tasks	0.25		
Helpful if someone is hurt, upset, or ill	0.18	Comforts other children who are upset	0.22		
Kind to younger children	0.19	Stands up for other children's rights, for example, by saying, "That's his!" or "It's her turn!"	0.22		
		it's her turn!			

Notes: The 25 MCS items are each rated on a scale of 0–2 (Not true/ Somewhat true/ Certainly true). The 21 ECLS-B items are each rated on a scale of 0–4 (Never/ Rarely/ Sometimes/ Often/ Very often). The number to the right of each item is the scoring coefficient used in the construction of the first principal component, which we take as the single index of behavior problems used in the analysis.

Table 6A.5. Gross Equivalized Annual Household Income, by Income quintile group

		U.S.	U.K.		
Income Quintile	Mean	[95% CI]	Mean	[95% CI]	
1 (Lowest)	\$6,100	[\$5,900, \$6,300]	\$8,220	[\$8,100, \$8,300]	
2	12,400	[12,200, 12,500]	15,800	[15,700, 16,000]	
3	19,700	[19,500, 19,900]	23,700	[23,500, 23,800]	
4	31,800	[31,500, 32,100]	33,700	[33,500, 33,800]	
5 (Highest)	66,700	[64,300, 69,200]	62,800	[60,200, 65,500]	

Notes: Incomes in March 2005 U.S. dollars. Figures rounded to the nearest 100 dollars. Incomes averaged over three survey waves. Weighted estimates.

U.S. sample 7,250 observations; U.K. sample 8,864 observations.

Table 6A.6. Cognitive Ability Standardized Scores, by Income Quintile Group

		, ,			
		U.S.	U.K.		
Income Quintile	Mean	[95% CI]	Mean	[95% CI]	
1 (Lowest)	-0.68	[-0.74, -0.63]	-0.65	[-0.71, -0.59]	
2	-0.36	[-0.44, -0.28]	-0.23	[-0.30, -0.16]	
3	-0.11	[-0.17, -0.05]	0.05	[0.00, 0.10]	
4	0.35	[0.29, 0.41]	0.20	[0.14, 0.26]	
5 (Highest)	0.68	[0.61, 0.74]	0.44	[0.37, 0.50]	

Notes: Weighted estimates.

U.S. sample 7,250 observations; U.K. sample 8,864 observations.

Table 6A.7. Behavior Problems Standardized Scores, by Income Quintile Group

		U.S.	U.K.		
Income quintile	Mean	[95% CI]	Mean	[95% CI]	
1 (Lowest)	0.19	[0.10, 0.28]	0.42	[0.36, 0.48]	
2	0.08	[0.02, 0.14]	0.15	[0.08, 0.21]	
3	0.01	[-0.06, 0.08]	-0.06	[-0.11, -0.01]	
4	-0.07	[-0.14, 0.00]	-0.11	[-0.17, -0.06]	
5 (Highest)	-0.19	[-0.25, -0.12]	-0.27	[-0.32, -0.22]	

Notes: Higher scores indicate greater behavioral problems. Weighted estimates.

U.S. sample: 7,250 observations; U.K. sample: 8,864 observations.

Table 6A.8. Cognitive Ability Gaps, Conditional on Various Controls

	United States		United	Kingdom			
Income Quintile (Quintile 3 omitted)	Coefficient	[95% CI]		Coefficient	[95%	6 CI]	
			Model A	. No controls			
1 (Lowest)	-0.57**	[-0.66,	-0.49]	-0.70**	[-0.77,	-0.63]	
2	-0.25**	[-0.34,	-0.16]	-0.28**	[-0.36,	-0.20]	
4	0.47**	[0.39,	0.54]	0.15**	[0.08,	0.22]	
5 (Highest)	0.79**	[0.70,	0.87]	0.39**	[0.31,	0.47]	
R-squared	0.238			0.133	0.133		
		Model B.	+ Commo	on demographic contro	ls		
1 (Lowest)	-0.33**	[-0.42,	-0.23]	-0.30**	[-0.39,	-0.21]	
2	-0.10*	[-0.19,	-0.02]	-0.11**	[-0.19,	-0.03]	
4	0.24**	[0.16,	0.31]	0.03	[-0.03,	0.09]	
5 (Highest)	0.41**	[0.32,	0.51]	0.15**	[0.07,	0.22]	
R-squared	0.336			0.240			
		Model	C. + All st	tudy-specific controls			
1 (Lowest)	-0.08	[-0.19,	0.03]	-0.12*	[-0.21,	-0.03]	
2	0.00	[-0.08,	0.08]	-0.06	[-0.13,	0.02]	
4	0.11**	[0.04,	0.19]	0.00	[-0.06,	0.07]	
5 (Highest)	0.20**	[0.10,	0.30]	0.10*	[0.02,	0.18]	
R-squared	0.431			0.307			

Notes: Estimates and confidence intervals weighted to adjust for complex survey design.

U.S. sample: 7,250 observations; U.K. sample: 8,864 observations.

^{**} p<.01, * p<.05, † p<.1.

Table 6A.9. Behavior Problem Gaps, Conditional on Various Controls

	U.S.		J	U.K.			
Income quintile (Quintile 3 omitted)	Coefficient	[95% CI]		Coefficient	[95% CI]		
			Model A.	No controls			
1 (Lowest)	0.18**	[0.08,	0.28]	0.48**	[0.40,	0.56]	
2	0.07	[-0.03,	0.17]	0.21**	[0.13,	0.28]	
4	-0.08	[-0.17,	0.02]	-0.05	[-0.12,	0.02]	
5 (Highest)	-0.20**	[-0.29,	-0.11]	-0.21**	[-0.28,	-0.14]	
R-squared	0.017			0.054	0.054		
		Model B. + Common demographic controls					
1 (Lowest)	0.08	[-0.03,	0.18]	0.19**	[0.10,	0.28]	
2	0.05	[-0.06,	0.15]	0.10**	[0.03,	0.18]	
4	0.00	[-0.10,	0.10]	0.00	[-0.07,	0.07]	
5 (Highest)	-0.10^{\dagger}	[-0.21,	0.01]	-0.09*	[-0.16,	-0.02]	
R-squared	0.075			0.101			
		Model	C. + All stu	udy-specific controls			
1 (Lowest)	-0.04	[-0.14,	0.05]	-0.04	[-0.13,	0.05]	
2	-0.01	[-0.10,	0.08]	0.01	[-0.06,	0.08]	
4	0.08	[-0.03,	0.18]	0.07*	[0.00,	0.13]	
5 (Highest)	0.07	[-0.05,	0.18]	0.03	[-0.04,	0.10]	
R-squared	0.303			0.292			

Notes: Estimates and confidence intervals weighted to adjust for complex survey design.

U.S. sample: 7,250 observations; U.K. sample: 8,864 observations.

^{**} p<.01, * p<.05, † p<.1.

Table 6A.10. Detailed Breakdown in U.S. Cognitive Outcome Gaps

Table 0A.10. Detailed Breakdown in	1 0.51 002	Common	come oups			
	Demo	graphic Co	ontrols	All Stud	y-Specific	Controls
•	Q1-Q3	Q5-Q3	Q5-Q1	Q1-Q3	Q5-Q3	Q5-Q1
	Gap	Gap	Gap	Gap	Gap	Gap
TOTAL GAP (sum of rows 1 to 11)	-0.57	0.79	1.36	-0.57	0.79	1.36
1. Income coefficient	-0.33	0.41	0.74	-0.08	0.20	0.28
2. Maternal education	-0.13	0.23	0.37	-0.04	0.08	0.12
3. # Children	-0.06	0.04	0.09	-0.05	0.04	0.09
4. Race/ethnicity/country of origin	-0.04	0.07	0.11	0.01	0.03	0.02
Of which: Black non-Hispanic (U.S.)	-0.01	0.01	0.02	0.03	-0.01	-0.04
Hispanic (U.S.)	-0.01	0.05	0.06	-0.01	0.03	0.04
Pakistani/Bangladeshi (U.K.)	-	-	-	-	-	-
Other language spoken in home	0.00	0.01	0.01	0.00	0.00	0.01
Other variables	-0.01	0.01	0.02	-0.01	0.01	0.02
5. Family structure	-0.02	0.01	0.03	0.00	0.00	0.00
Of which: Always single mother	-0.01	0.00	0.02	-0.01	0.00	0.01
Some waves single mother	0.00	0.00	0.00	0.00	0.00	-0.01
Cohabiting/other	0.00	0.00	0.01	0.00	0.00	0.00
6. Mother's age	-0.01	0.03	0.03	0.00	0.00	0.00
Of which: Mother < 25 at birth	0.00	0.00	0.00	0.01	-0.01	-0.02
Mother >= 30 at $birth$	-0.01	0.03	0.03	0.00	0.02	0.02
7. Parenting				-0.18	0.24	0.42
Of which: Warmth & sensitivity				-0.08	0.08	0.16
Reading				-0.04	0.05	0.09
Out-of-home activities				-0.01	0.04	0.05
Parenting style				-0.01	0.03	0.04
Other				-0.04	0.05	0.08
8. Neighborhood and possessions				-0.17	0.12	0.29
Of which: Material possessions				-0.09	0.05	0.14
Savings and wealth				-0.06	0.06	0.12
Neighborhood conditions				-0.02	0.01	0.03
Housing conditions				0.00	0.00	-0.01
9. Family health and well-being				-0.03	0.04	0.07
Of which: Health at birth				-0.01	0.01	0.02
Mother's physical health				-0.02	0.04	0.07
Mother's mental well-being				0.02	-0.01	-0.01
Smoking & breastfeeding				0.00	-0.01	-0.01
10. Care arrangements				-0.02	0.04	0.06
_				0.02	0.04	0.00
Of which: Pregnancy and 1st year				0.00	0.00	0.00
2/3 years				-0.03	0.01	
4/5 years	0.00	0.00	0.01			0.06
11. Missings & female	0.00	0.00	-0.01	-0.01	0.00	0.01

Table 6A.11. Detailed Breakdown of U.K. Cognitive Outcome Gaps

	Comr	non Demog	raphic		G 1.01	<i>a</i> 1
		Controls			y-Specific	
	Q1-Q3	Q5-Q3	Q5-Q1	Q1-Q3	Q5-Q3	Q5-Q1
TOTAL CAR (1 11)	Gap	Gap	Gap	Gap	Gap	Gap
TOTAL GAP (sum of rows 1 to 11)	-0.70	0.39	1.09	-0.70	0.39	1.09
1. Income coefficient	-0.30	0.15	0.45	-0.12	0.10	0.22
2. Maternal education	-0.16	0.15	0.31	-0.08	0.09	0.17
3. # Children	-0.02	0.04	0.07	-0.02	0.04	0.06
4. Race/ethnicity/country of origin	-0.05	-0.01	0.05	-0.03	0.00	0.03
Of which: Black non-Hispanic (U.S.)	-	-	-	-	-	-
Hispanic (U.S.)	-	-	-	-	-	-
Pakistani/Bangladeshi (U.K.)	-0.02	0.00	0.02	-0.02	0.00	0.02
Other language spoken in home	-0.02	-0.01	0.02	-0.02	0.00	0.01
Other variables	-0.01	0.00	0.01	0.00	0.00	0.00
5. Family structure	-0.04	0.01	0.06	-0.01	0.00	0.02
Of which: Always single mother	-0.02	0.00	0.02	0.00	0.00	0.00
Some waves single mother	-0.02	0.01	0.03	-0.01	0.00	0.01
Cohabiting/other	0.00	0.01	0.00	0.00	0.00	0.00
6. Mother's age	-0.12	0.04	0.16	-0.08	0.02	0.11
Of which: Mother < 25 at birth	-0.10	0.02	0.12	-0.07	0.02	0.09
Mother >= 30 at birth	-0.02	0.02	0.03	-0.01	0.01	0.02
7. Parenting				-0.20	0.09	0.29
Of which: Warmth & sensitivity				-0.06	0.02	0.08
Reading				-0.04	0.02	0.06
Out-of-home activities				-0.08	0.05	0.13
Parenting style				-0.03	0.02	0.04
Other				0.01	-0.01	-0.02
8. Neighborhood and possessions				-0.10	0.02	0.12
Of which: Material possessions				-0.08	0.02	0.09
Savings and wealth				0.00	-0.01	-0.01
Neighborhood conditions				-0.01	0.01	0.02
Housing conditions				-0.01	0.00	0.02
9. Family health and well-being				-0.05	0.03	0.08
Of which: Health at birth				-0.02	0.00	0.02
Mother's physical health				-0.01	0.01	0.02
Mother's mental well-being				-0.01	0.00	0.01
Smoking & breastfeeding				-0.01	0.01	0.02
10. Care arrangements				0.00	-0.01	-0.02
Of which: Pregnancy and 1st year				-0.01	-0.01	0.00
2/3 years				-0.01	0.00	0.01
4/5 years				0.02	-0.01	-0.02
11. Missings & female	0.00	0.00	0.00	-0.01	0.01	0.02

Table 6A.12. Detailed Breakdown of U.S. Behavioral Outcome Gaps

	Comr	non Demog	raphic			
		Controls		All Stud	y-Specific	
	Q1-Q3	Q5-Q3	Q5-Q1	Q1-Q3	Q5-Q3	Q5-Q1
	Gap	Gap	Gap	Gap	Gap	Gap
TOTAL GAP (sum of rows 1 to 11)	0.18	-0.20	-0.38	0.18	-0.20	-0.38
1. Income coefficient	0.08	-0.10	-0.17	-0.04	0.07	0.11
2. Maternal education	0.08	-0.11	-0.19	0.01	0.02	0.00
3. # Children	0.02	-0.01	-0.04	0.01	-0.01	-0.02
4. Race/ethnicity/country of origin	-0.03	0.02	0.04	-0.02	0.01	0.04
Of which: Black non-Hispanic (U.S.)	-0.02	0.01	0.03	-0.02	0.01	0.03
Hispanic (U.S.)	0.00	0.00	0.00	0.00	0.00	0.00
Pakistani/Bangladeshi (U.K.)						
Other language spoken in home	0.00	0.00	0.00	0.00	0.00	0.00
Other variables	-0.01	0.01	0.02	0.00	0.00	0.01
5. Family structure	0.05	-0.03	-0.08	0.03	-0.02	-0.04
Of which: Always single mother	0.04	-0.01	-0.05	0.03	-0.01	-0.03
Some waves single mother	0.01	-0.01	-0.02	0.00	0.00	-0.01
Cohabiting/other	0.00	-0.01	0.00	0.00	0.00	0.00
6. Mother's age	-0.02	0.03	0.05	-0.02	0.04	0.06
Of which: Mother < 25 at birth	-0.02	0.03	0.05	-0.02	0.04	0.06
Mother >=30 at birth	0.00	0.00	0.00	0.00	0.00	-0.01
7. Parenting				0.13	-0.26	-0.38
Of which: Warmth & sensitivity				0.05	-0.05	-0.11
Reading				0.04	-0.05	-0.09
Out-of-home activities				0.01	-0.07	-0.08
Parenting style				0.04	-0.06	-0.11
Other				-0.01	-0.02	-0.01
8. Neighborhood and possessions				0.03	0.01	-0.02
Of which: Material possessions				0.01	-0.02	-0.03
Savings and wealth				0.00	0.07	0.07
Neighborhood conditions				0.00	-0.01	-0.01
Housing conditions				0.03	-0.02	-0.05
9. Family health and well-being				0.06	-0.08	-0.14
Of which: Health at birth				0.01	-0.01	-0.02
Mother's physical health				0.01	-0.03	-0.04
Mother's mental well-being				0.04	-0.04	-0.08
Smoking & breastfeeding				0.00	0.00	0.00
10. Care arrangements				0.00	0.01	0.01
Of which: Pregnancy and 1st year				0.01	-0.01	-0.02
2/3 years				0.00	0.00	0.00
4/5 years				-0.01	0.00	0.01
11. Missings & female	0.00	0.00	0.01	0.00	0.00	0.01

Table 6A.13. Detailed Breakdown of U.K. Behavioral Outcome Gaps

	Common Demographic			All Study-Specific Controls			
	Controls		05.01		· -		
	Q1-Q3 Gap	Q5-Q3 Gap	Q5-Q1 Gap	Q1-Q3 Gap	Q5-Q3 Gap	Q5-Q1 Gap	
TOTAL GAP (sum of rows 1 to 11)	0.48	-0.21	-0.69	0.48	-0.21	-0.69	
1. Income coefficient	0.19	-0.09	-0.28	-0.04	0.03	0.07	
2. Maternal education	0.09	-0.07	-0.16	0.03	-0.02	-0.05	
3. # Children	0.00	0.00	0.00	-0.01	0.01	0.02	
4. Race/ethnicity/country of origin	0.02	0.00	-0.02	0.02	0.00	-0.02	
Of which: Black non-Hispanic (U.S.)	-	-	-	-	-	-	
Hispanic (U.S.)	-	-	-	-	-	-	
Pakistani/Bangladeshi (U.K.)	0.02	0.00	-0.02	0.02	0.00	-0.02	
Other language spoken in home	0.00	0.00	0.00	0.00	0.00	0.00	
Other variables	0.00	0.00	0.00	0.00	0.00	0.00	
5. Family structure	0.12	-0.03	-0.15	0.06	-0.01	-0.08	
Of which: Always single mother	0.06	0.00	-0.06	0.03	0.00	-0.04	
Some waves single mother	0.06	-0.02	-0.08	0.03	-0.01	-0.04	
Cohabiting/other	0.00	-0.01	-0.01	0.00	0.00	0.00	
6. Mother's age	0.06	-0.02	-0.08	0.02	-0.01	-0.03	
<i>Of which: Mother < 25 at birth</i>	0.06	-0.02	-0.07	0.02	-0.01	-0.03	
Mother >= 30 at birth	0.00	0.00	-0.01	0.00	0.00	0.00	
7. Parenting				0.17	-0.16	-0.32	
Of which: Warmth & sensitivity				0.02	-0.01	-0.02	
Reading				0.02	-0.01	-0.02	
Out-of-home activities				0.06	-0.04	-0.10	
Parenting style				0.02	-0.02	-0.04	
Other				0.06	-0.08	-0.14	
8. Neighborhood and possession				0.02	0.02	0.00	
Of which: Material possessions				0.01	0.00	-0.02	
Savings and wealth				-0.02	0.01	0.04	
Neighborhood conditions				0.02	0.00	-0.02	
Housing conditions				0.01	0.01	0.00	
9. Family health and well-being				0.17	-0.08	-0.25	
Of which: Health at birth				0.01	0.00	-0.01	
Mother's physical health				0.00	0.00	0.00	
Mother's mental well-being				0.13	-0.06	-0.19	
Smoking & breastfeeding				0.04	-0.02	-0.06	
10. Care arrangements				0.01	0.01	-0.01	
Of which: Pregnancy and 1st year				0.00	0.01	0.01	
2/3 years				0.01	-0.01	-0.02	
4/5 years				0.01	0.01	0.00	
11. Missings & female	0.00	0.00	0.00	0.02	0.00	-0.03	