

The long-term effects of parental separation on childhood multidimensional deprivation: a lifecourse approach

Online Resources.

Marion Leturcq · Lidia Panico

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Marion Leturcq
Institut National d'Etudes Demographiques (INED); ORCID: 0000-0003-2243-1760

Lidia Panico
Corresponding author, Institut National d'Etudes Demographiques (INED), 133 boulevard Davout, 75980 Paris Cedex 20, France;
E-mail: lidia.panico@ined.fr; +33156062053; ORCID: 0000-0001-9291-7622

Table 1 Proportion of children deprived on different indicators, by dimensions

	W2 (age 3)	W3 (age 5)	W4 (age 7)	W5 (age 11)
<i>Material deprivation</i>				
No central heating	5.1	4.6	4.0	.
No phone	.	3.6	.	.
No car	6.9	.	6.3	6.4
Damp	12.6	11.2	13.1	15.1
Overcrowding	6.4	6.6	7.3	16.8
Repair elec. goods	.	.	.	8.6
Own bedroom	.	.	.	20.2
Quiet place homework	.	.	.	3.1
MD	24.5	21.8	24.8	18.8
<i>Extreme material deprivation</i>				
Cannot afford fitted shoes	0.7	.	.	.
Cannot afford all weather shoes	.	1.4	1.6	.
Cannot afford waterproof coat	0.2	0.5	0.4	.
No computer	.	.	.	2.0
No internet	.	.	.	1.8
EMD	0.9	1.7	1.8	0.8
<i>Deprivation in leisure</i>				
Cannot afford holidays	19.8	21.6	21.1	22.3
Cannot afford birthdays	2.0	1.1	1.0	1.3
No visit to young children	7.0	.	.	.
0 or 1 activity	.	5.4	2.9	.
Cannot afford inviting friends	.	.	.	3.9
LD	25.6	24.6	22.6	23.9
<i>Deprivation in parenting involvement</i>				
Teach songs	14.4	.	.	.
Help with alphabet, count, sport	11.9	.	.	.
Read to child	8.0	11.9	4.5	.
Few parental activities	.	4.5	10.9	.
Help with reading, writing, maths	.	17.5	38.1	.
Help with homework	.	.	.	8.4
Check homework	.	.	.	15.0
No regular bedtime	16.2	7.7	.	8.7
No regular mealtime	6.3	4.9	.	.
Never go to parent evening meeting	.	4.1	2.5	2.3
No active or in-door games with child	.	6.9	11.0	31.0
Talk \leq once/week about important things	.	.	.	6.5
Deprived on parenting	13.3	12.5	13.2	16.8
Observations	10,167	9,954	9,112	8,585

Source: Millennium Cohort Study

Sample includes children whose parents are in couple at birth

Table 2 Correlation between dimensions of deprivation

		Wave 2 (age 3)				Wave 3 (age 5)				Wave 4 (age 7)				Wave 5 (age 11)			
		MD	EMD	LD	PI	MD	EMD	LD	PI	MD	EMD	LD	PI	MD	EMD	LD	PI
Wave 2 (age 3)	MD	1.00															
	EMD	0.05	1.00														
	LD	0.26	0.11	1.00													
	PI	0.11	0.03	0.13	1.00												
Wave 3 (age 5)	MD	0.37	0.06	0.17	0.07	1.00											
	EMD	0.10	0.05	0.11	0.03	0.10	1.00										
	LD	0.25	0.08	0.42	0.13	0.18	0.18	1.00									
	PI	0.12	0.06	0.16	0.23	0.10	0.12	0.19	1.00								
Wave 4 (age 7)	MD	0.40	0.06	0.22	0.11	0.40	0.12	0.27	0.13	1.00							
	EMD	0.09	0.06	0.14	0.04	0.08	0.34	0.16	0.08	0.12	1.00						
	LD	0.22	0.10	0.36	0.12	0.18	0.15	0.48	0.16	0.26	0.19	1.00					
	PI	0.07	0.04	0.12	0.12	0.06	0.06	0.13	0.23	0.10	0.09	0.12	1.00				
Wave 5 (age 11)	MD	0.31	0.08	0.25	0.14	0.26	0.12	0.30	0.15	0.35	0.11	0.30	0.09	1.00			
	EMD	0.06	0.02	0.05	0.06	0.04	0.05	0.06	0.05	0.08	0.10	0.11	0.05	0.10	1.00		
	LD	0.22	0.09	0.31	0.11	0.16	0.10	0.38	0.15	0.22	0.14	0.41	0.10	0.31	0.07	1.00	
	PI	0.08	0.03	0.09	0.12	0.07	0.04	0.09	0.18	0.09	0.07	0.10	0.17	0.13	0.06	0.13	1.00

Source: Millennium Cohort Study

Sample includes children whose parents are in couple at birth

Table 3 Sensitivity analysis of the impact of separation on income poverty to equivalence scales and to poverty line

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Baseline:		Different equivalence scale:			Different poverty line:				
	Income poverty		Oxford Scale	OECD scale	HBAI					
			50% of median income							
0 or 1 year aft. sep.	0.28*** (0.03)	0.05 (0.03)	0.21*** (0.03)	0.05** (0.03)	0.23*** (0.03)	0.06* (0.03)	0.31*** (0.03)	0.05 (0.03)	0.24*** (0.03)	0.05 (0.03)
2 or 3 years aft. sep.	0.23*** (0.03)	0.02 (0.03)	0.17*** (0.02)	0.03 (0.03)	0.19*** (0.03)	0.04 (0.03)	0.26*** (0.03)	0.03 (0.03)	0.18*** (0.02)	0.01 (0.03)
4 to 7 years aft. sep.	0.18*** (0.02)	-0.01 (0.02)	0.12*** (0.02)	0.00 (0.02)	0.15*** (0.02)	0.01 (0.02)	0.22*** (0.02)	0.02 (0.02)	0.13*** (0.02)	-0.02 (0.02)
8 to 11 years aft. sep.	0.13*** (0.03)	-0.04 (0.03)	0.04 (0.03)	-0.07** (0.03)	0.08** (0.03)	-0.05 (0.03)	0.19*** (0.03)	-0.00 (0.03)	0.03 (0.03)	-0.12*** (0.03)
0 or 1 year aft. sep. × older at sep.	-0.05 (0.03)	-0.05 (0.04)	-0.03 (0.03)	-0.04 (0.03)	-0.05 (0.03)	-0.05 (0.04)	-0.04 (0.03)	-0.05 (0.04)	-0.05* (0.03)	-0.04 (0.03)
2 or 3 years aft. sep. × older at sep.	0.02 (0.03)	0.02 (0.03)	0.03 (0.03)	0.03 (0.03)	0.01 (0.03)	0.01 (0.03)	0.00 (0.03)	0.00 (0.03)	-0.00 (0.03)	0.00 (0.03)
No partner		0.32*** (0.02)		0.22*** (0.02)		0.24*** (0.02)		0.34*** (0.02)		0.27*** (0.02)
Non working partner		0.18*** (0.01)		0.18*** (0.01)		0.17*** (0.01)		0.19*** (0.01)		0.15*** (0.01)
No partner × older at sep.		-0.02 (0.03)		-0.02 (0.03)		-0.01 (0.03)		-0.01 (0.03)		-0.04 (0.03)
Non working partner × older at sep.		0.01 (0.03)		0.00 (0.03)		0.00 (0.03)		0.02 (0.03)		0.01 (0.03)
Observations	37818	37818	37818	37818	37818	37818	37818	37818	37818	37818
N (clusters)	11179	11179	11179	11179	11179	11179	11179	11179	11179	11179

Standard errors into parenthesis (clustered at the child level)

Sample includes children whose parents are in couple at birth

Control for: mother's age, country, number of siblings, routine/semi routine occupation, age of child, wave

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table 4 Impact of recovery channels on changes in income poverty around parental separation

	(1)	(2)	(3)	(4)	(5)
	Recovery channel:				
	None	Repartnering	Mother's labor supply	Child maintenance	Living w/ Grand-parents
0 or 1 year aft. sep.	0.28*** (0.03)	0.05 (0.03)	0.29*** (0.03)	0.27*** (0.03)	0.28*** (0.03)
2 or 3 years aft. sep.	0.23*** (0.03)	0.02 (0.03)	0.24*** (0.03)	0.22*** (0.03)	0.23*** (0.03)
4 to 7 years aft. sep.	0.18*** (0.02)	-0.01 (0.02)	0.19*** (0.02)	0.17*** (0.02)	0.18*** (0.02)
8 to 11 years aft. sep.	0.13*** (0.03)	-0.04 (0.03)	0.14*** (0.03)	0.12*** (0.03)	0.13*** (0.03)
0 or 1 year aft. sep. × older at sep.	-0.05 (0.03)	-0.05 (0.04)	-0.05 (0.03)	-0.05 (0.03)	-0.05 (0.03)
2 or 3 years aft. sep. × older at sep.	0.02 (0.03)	0.02 (0.03)	0.02 (0.03)	0.02 (0.03)	0.02 (0.03)
No partner		0.32*** (0.02)			
Non working partner		0.18*** (0.01)			
No partner × older at sep.		-0.02 (0.03)			
Non working partner × older at sep.		0.01 (0.03)			
Work < 20 h/week			0.05*** (0.01)		
Inactive			0.08*** (0.01)		
Work < 20 h/week × older at sep.			0.07*** (0.02)		
Inactive × older at sep.			0.09*** (0.02)		
No child maintenance				0.05** (0.02)	
No child maintenance × older at sep.				-0.02 (0.04)	
Lives w/ grand-parents					0.08*** (0.03)
Lives w/ grand-parents × older at sep.					0.03 (0.06)
Mean	0.18	0.18	0.18	0.18	0.18
Mean (among children whose parents separate)	0.37	0.37	0.37	0.37	0.37
Observations	37818	37818	37818	37818	37818
N (clusters)	11179	11179	11179	11179	11179

† $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Standard errors into parenthesis (clustered at the child level)

Sample includes children whose parents are in couple at birth

Control for: mother's age, country, number of siblings, routine/semi routine occupation, age of child, wave

Table 5 Impact of recovery channels on changes in overall deprivation around parental separation

	(1)	(2)	(3)		(4)	(5)
	None	Repartnering	Recovery channel:		Child	Living w/ Grand-parents
			Mother's labor supply	Child maintenance		
0 or 1 year aft. sep.	0.11*** (0.03)	0.05* (0.03)	0.11*** (0.03)	0.11*** (0.03)	0.11*** (0.03)	0.11*** (0.03)
2 or 3 years aft. sep.	0.06** (0.02)	0.01 (0.03)	0.06** (0.02)	0.06** (0.02)	0.06** (0.02)	0.06** (0.02)
4 to 7 years aft. sep.	0.07*** (0.02)	0.02 (0.02)	0.07*** (0.02)	0.07*** (0.02)	0.07*** (0.02)	0.07*** (0.02)
8 to 11 years aft. sep.	0.03 (0.03)	-0.02 (0.03)	0.02 (0.03)	0.02 (0.03)	0.02 (0.03)	0.03 (0.03)
0 or 1 year aft. sep. × older at sep.	0.01 (0.03)	0.01 (0.03)	0.01 (0.03)	0.00 (0.03)	0.00 (0.03)	0.01 (0.03)
2 or 3 years aft. sep. × older at sep.	0.07** (0.03)	0.07** (0.03)	0.07** (0.03)	0.06** (0.03)	0.06** (0.03)	0.07** (0.03)
No partner		0.08*** (0.02)				
Non working partner		0.03** (0.01)				
No partner × older at sep.		-0.00 (0.03)				
Non working partner × older at sep.		0.02 (0.04)				
Work < 20 h/week			0.01** (0.01)			
Inactive			0.02** (0.01)			
Work < 20 h/week × older at sep.			-0.01 (0.02)			
Inactive × older at sep.			0.00 (0.03)			
No child maintenance				-0.01 (0.02)		
No child maintenance × older at sep.				0.02 (0.03)		
Lives w/ grand-parents						0.04 (0.02)
Lives w/ grand-parents × older at sep.						-0.05 (0.06)
Mean	0.15	0.15	0.15	0.15	0.15	0.15
Mean (among children whose parents separate)	0.27	0.27	0.27	0.27	0.27	0.27
Observations	37818	37818	37818	37818	37818	37818
N (clusters)	11179	11179	11179	11179	11179	11179

† $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Standard errors into parenthesis (clustered at the child level)

Sample includes children whose parents are in couple at birth

Control for: mother's age, country, number of siblings, routine/semi routine occupation, age of child, wave

Table 6 Impact of recovery channels on changes in material deprivation around parental separation

	(1)	(2)	Recovery channel:		(5)
	None	Repartnering	Mother's labor supply	Child maintenance	Living w/ Grand-parents
0 or 1 year aft. sep.	0.10*** (0.03)	0.12*** (0.03)	0.10*** (0.03)	0.11*** (0.03)	0.10*** (0.03)
2 or 3 years aft. sep.	0.01 (0.02)	0.02 (0.03)	0.01 (0.02)	0.02 (0.03)	0.01 (0.02)
4 to 7 years aft. sep.	0.03* (0.02)	0.04* (0.02)	0.03 (0.02)	0.04** (0.02)	0.03 (0.02)
8 to 11 years aft. sep.	-0.02 (0.03)	-0.01 (0.03)	-0.03 (0.03)	-0.01 (0.03)	-0.02 (0.03)
0 or 1 year aft. sep. × older at sep.	-0.06* (0.03)	-0.06 (0.03)	-0.06* (0.03)	-0.06* (0.03)	-0.06* (0.03)
2 or 3 years aft. sep. × older at sep.	0.06* (0.03)	0.06* (0.03)	0.06* (0.03)	0.06* (0.03)	0.06* (0.03)
No partner		-0.01 (0.02)			
Non working partner		0.03*** (0.01)			
No partner × older at sep.		-0.00 (0.03)			
Non working partner × older at sep.		-0.01 (0.04)			
Work < 20 h/week			0.02** (0.01)		
Inactive			0.02** (0.01)		
Work < 20 h/week × older at sep.			-0.03 (0.02)		
Inactive × older at sep.			-0.03 (0.03)		
No child maintenance				-0.07*** (0.02)	
No child maintenance × older at sep.				0.05 (0.04)	
Lives w/ grand-parents					0.11*** (0.03)
Lives w/ grand-parents × older at sep.					-0.08 (0.08)
Mean	0.22	0.22	0.22	0.22	0.22
Mean (among children whose parents separate)	0.32	0.32	0.32	0.32	0.32
Observations	37818	37818	37818	37818	37818
N (clusters)	11179	11179	11179	11179	11179

† $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Standard errors into parenthesis (clustered at the child level)

Sample includes children whose parents are in couple at birth

Control for: mother's age, country, number of siblings, routine/semi routine occupation, age of child, wave

Table 7 Impact of recovery channels on changes in extreme material deprivation around parental separation

	(1)	(2)	(3)	(4)	(5)
	Recovery channel:				
	None	Repartnering	Mother's labor supply	Child maintenance	Living w/ Grand-parents
0 or 1 year aft. sep.	0.01 (0.01)	0.01 (0.01)	0.01 (0.01)	0.01 (0.01)	0.01 (0.01)
2 or 3 years aft. sep.	0.01 (0.01)	0.01 (0.01)	0.01 (0.01)	0.01 (0.01)	0.01 (0.01)
4 to 7 years aft. sep.	0.02** (0.01)	0.02** (0.01)	0.02** (0.01)	0.02*** (0.01)	0.02** (0.01)
8 to 11 years aft. sep.	-0.01 (0.01)	-0.01 (0.01)	-0.01 (0.01)	-0.00 (0.01)	-0.01 (0.01)
0 or 1 year aft. sep. × older at sep.	0.00 (0.01)	0.01 (0.02)	0.00 (0.01)	0.00 (0.01)	0.00 (0.01)
2 or 3 years aft. sep. × older at sep.	-0.01 (0.01)	0.00 (0.01)	-0.01 (0.01)	-0.01 (0.01)	-0.01 (0.01)
No partner		0.01 (0.01)			
Non working partner		0.00 (0.01)			
No partner × older at sep.		-0.02* (0.01)			
Non working partner × older at sep.		0.03** (0.02)			
Work < 20 h/week			0.00* (0.00)		
Inactive			0.00 (0.00)		
Work < 20 h/week × older at sep.			0.01 (0.01)		
Inactive × older at sep.			0.00 (0.01)		
No child maintenance				-0.01 (0.01)	
No child maintenance × older at sep.				-0.01 (0.02)	
Lives w/ grand-parents					-0.01 (0.01)
Lives w/ grand-parents × older at sep.					0.00 (0.01)
Mean	0.013	0.013	0.013	0.013	0.013
Mean (among children whose parents separate)	0.026	0.026	0.026	0.026	0.026
Observations	37818	37818	37818	37818	37818
N (clusters)	11179	11179	11179	11179	11179

† $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Standard errors into parenthesis (clustered at the child level)

Sample includes children whose parents are in couple at birth

Control for: mother's age, country, number of siblings, routine/semi routine occupation, age of child, wave

Table 8 Impact of recovery channels on changes in leisure deprivation around parental separation

	(1)	(2)	(3)	(4)	(5)
	Recovery channel:				
	None	Repartnering	Mother's labor supply	Child maintenance	Living w/ Grand-parents
0 or 1 year aft. sep.	0.14*** (0.03)	0.03 (0.03)	0.14*** (0.03)	0.13*** (0.03)	0.13*** (0.03)
2 or 3 years aft. sep.	0.05* (0.03)	-0.05* (0.03)	0.05** (0.03)	0.05* (0.03)	0.05* (0.03)
4 to 7 years aft. sep.	0.05** (0.02)	-0.04* (0.03)	0.05** (0.02)	0.05** (0.02)	0.05** (0.02)
8 to 11 years aft. sep.	0.05 (0.03)	-0.04 (0.04)	0.05 (0.03)	0.04 (0.03)	0.05 (0.03)
0 or 1 year aft. sep. × older at sep.	0.02 (0.03)	0.00 (0.04)	0.02 (0.03)	0.02 (0.03)	0.02 (0.03)
2 or 3 years aft. sep. × older at sep.	0.07* (0.04)	0.06 (0.04)	0.07** (0.04)	0.07** (0.04)	0.07* (0.04)
No partner		0.12*** (0.02)			
Non working partner		0.03** (0.01)			
No partner × older at sep.		0.02 (0.03)			
Non working partner × older at sep.		0.05 (0.04)			
Work < 20 h/week			0.02** (0.01)		
Inactive			0.02** (0.01)		
Work < 20 h/week × older at sep.			0.03 (0.02)		
Inactive × older at sep.			0.05* (0.03)		
No child maintenance				0.03 (0.02)	
No child maintenance × older at sep.				-0.04 (0.04)	
Lives w/ grand-parents					0.02 (0.03)
Lives w/ grand-parents × older at sep.					-0.07 (0.07)
Mean	0.24	0.24	0.24	0.24	0.24
Mean (among children whose parents separate)	0.40	0.40	0.40	0.40	0.40
Observations	37818	37818	37818	37818	37818
N (clusters)	11179	11179	11179	11179	11179

† $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Standard errors into parenthesis (clustered at the child level)

Sample includes children whose parents are in couple at birth

Control for: mother's age, country, number of siblings, routine/semi routine occupation, age of child, wave

Table 9 Impact of recovery channels on changes in lower parenting involvement around parental separation

	(1)	(2)	(3)	(4)	(5)
	Recovery channel:				
	None	Repartnering	Mother's labor supply	Child maintenance	Living w/ Grand-parents
0 or 1 year aft. sep.	0.02 (0.03)	-0.06* (0.03)	0.02 (0.03)	0.02 (0.03)	0.02 (0.03)
2 or 3 years aft. sep.	0.08*** (0.02)	0.00 (0.03)	0.08*** (0.02)	0.07*** (0.03)	0.08*** (0.02)
4 to 7 years aft. sep.	0.07*** (0.02)	0.00 (0.02)	0.07*** (0.02)	0.07*** (0.02)	0.07*** (0.02)
8 to 11 years aft. sep.	0.06* (0.03)	-0.00 (0.03)	0.06* (0.03)	0.06* (0.03)	0.06* (0.03)
0 or 1 year aft. sep. × older at sep.	0.09*** (0.03)	0.08** (0.03)	0.09*** (0.03)	0.09*** (0.03)	0.09*** (0.03)
2 or 3 years aft. sep. × older at sep.	0.04 (0.03)	0.03 (0.03)	0.04 (0.03)	0.04 (0.03)	0.04 (0.03)
No partner		0.09*** (0.02)			
Non working partner		0.00 (0.01)			
No partner × older at sep.		0.04 (0.03)			
Non working partner × older at sep.		0.01 (0.03)			
Work < 20 h/week			-0.01 (0.01)		
Inactive			-0.01 (0.01)		
Work < 20 h/week × older at sep.			-0.04* (0.02)		
Inactive × older at sep.			-0.01 (0.03)		
No child maintenance				0.01 (0.02)	
No child maintenance × older at sep.				0.00 (0.04)	
Lives w/ grand-parents					-0.03 (0.03)
Lives w/ grand-parents × older at sep.					0.09 (0.07)
Mean	0.14	0.14	0.14	0.14	0.14
Mean (among children whose parents separate)	0.21	0.21	0.21	0.21	0.21
Observations	37818	37818	37818	37818	37818
N (clusters)	11179	11179	11179	11179	11179

† $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Standard errors into parenthesis (clustered at the child level)

Sample includes children whose parents are in couple at birth

Control for: mother's age, country, number of siblings, routine/semi routine occupation, age of child, wave

Table 10 Number of dimensions of deprivation

	(1)	(2)	(3)	(4)	(5)
	Recovery channel:				
	None	Repartnering	Mother's labor supply	Child maintenance	Living w/ Grand-parents
0 or 1 year aft. sep.	0.27*** (0.05)	0.09 (0.06)	0.27*** (0.05)	0.28*** (0.05)	0.27*** (0.05)
2 or 3 years aft. sep.	0.15*** (0.05)	-0.02 (0.05)	0.14*** (0.05)	0.16*** (0.05)	0.15*** (0.05)
4 to 7 years aft. sep.	0.17*** (0.04)	0.02 (0.04)	0.17*** (0.04)	0.18*** (0.04)	0.17*** (0.04)
8 to 11 years aft. sep.	0.07 (0.06)	-0.06 (0.06)	0.07 (0.06)	0.09 (0.06)	0.07 (0.06)
0 or 1 year aft. sep. × older at sep.	0.05 (0.06)	0.04 (0.06)	0.06 (0.06)	0.06 (0.06)	0.05 (0.06)
2 or 3 years aft. sep. × older at sep.	0.17*** (0.06)	0.16** (0.06)	0.17*** (0.06)	0.17*** (0.06)	0.17*** (0.06)
No partner		0.21*** (0.04)			
Non working partner		0.07*** (0.02)			
No partner × older at sep.		0.03 (0.06)			
Non working partner × older at sep.		0.09 (0.07)			
Work < 20 h/week			0.04** (0.01)		
Inactive			0.03* (0.02)		
Work < 20 h/week × older at sep.			-0.02 (0.04)		
Inactive × older at sep.			0.01 (0.05)		
No child maintenance				-0.03 (0.04)	
No child maintenance × older at sep.				-0.00 (0.07)	
Lives w/ grand-parents					0.10** (0.05)
Lives w/ grand-parents × older at sep.					-0.05 (0.10)
Mean	0.62	0.62	0.62	0.62	0.62
Mean (among children whose parents separate)	0.95	0.95	0.95	0.95	0.95
Observations	37818	37818	37818	37818	37818
N (clusters)	11179	11179	11179	11179	11179

† $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Standard errors into parenthesis (clustered at the child level)

Sample includes children whose parents are in couple at birth

Control for: mother's age, country, number of siblings, routine/semi routine occupation, age of child, wave

Table 11 Impact of parental separation on the propensity to be deprived in different number of dimensions

	(1)	(2)	(3)	(4)
	Propensity of being deprived in:			
	0 dim.	1 dim.	2 dim.	3 or 4 dim.
0 or 1 year aft. sep.	-0.15*** (0.03)	0.04 (0.03)	0.10*** (0.03)	0.02 (0.02)
2 or 3 years aft. sep.	-0.09*** (0.03)	0.03 (0.03)	0.06** (0.02)	0.00 (0.01)
4 to 7 years aft. sep.	-0.07*** (0.02)	0.00 (0.02)	0.04** (0.02)	0.03** (0.01)
8 to 11 years aft. sep.	-0.06* (0.03)	0.03 (0.04)	0.03 (0.03)	0.00 (0.02)
0 or 1 year aft. sep. × older at sep.	-0.03 (0.03)	0.02 (0.04)	-0.01 (0.03)	0.01 (0.02)
2 or 3 years aft. sep. × older at sep.	-0.06* (0.04)	-0.01 (0.04)	0.03 (0.03)	0.04** (0.02)
Mean				
Mean (among children whose parents separate)				
Observations	37818	37818	37818	37818
N (clusters)	11179	11179	11179	11179

† $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Standard errors into parenthesis (clustered at the child level)

Sample includes children whose parents are in couple at birth

Control for: mother's age, country, number of siblings, routine/semi routine occupation, age of child, wave

Table 12 Results from fixed-effect regression, heterogenous effect across mother's educational attainment groups

	Deprivation:											
	Income Poverty		Overall		Material		Extreme Material		Leisure		Parental Involvement	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Mother's educational attainment: lower than A-level or overseas												
0 or 1 year aft. sep.	0.34*** (0.04)	0.08** (0.04)	0.14*** (0.03)	0.06 (0.04)	0.10*** (0.03)	0.10** (0.04)	0.01 (0.01)	0.01 (0.02)	0.14*** (0.03)	0.01 (0.04)	0.03 (0.03)	-0.06 (0.04)
2 or 3 years aft. sep.	0.30*** (0.03)	0.07** (0.04)	0.09*** (0.03)	0.01 (0.03)	0.02 (0.03)	0.01 (0.04)	0.01 (0.01)	0.01 (0.01)	0.06* (0.03)	-0.06 (0.04)	0.11*** (0.03)	0.03 (0.04)
4 to 7 years aft. sep.	0.24*** (0.03)	0.04 (0.03)	0.10*** (0.03)	0.02 (0.03)	0.05* (0.03)	0.05 (0.03)	0.02* (0.01)	0.02 (0.01)	0.07** (0.03)	-0.05 (0.03)	0.10*** (0.03)	0.03 (0.03)
8 to 11 years aft. sep.	0.21*** (0.04)	0.03 (0.04)	0.05 (0.04)	-0.01 (0.04)	-0.01 (0.04)	-0.01 (0.04)	-0.00 (0.02)	-0.00 (0.02)	0.06 (0.04)	-0.05 (0.05)	0.07* (0.04)	0.01 (0.04)
0 or 1 year aft. sep. × older at sep.	-0.08* (0.04)	-0.09* (0.05)	-0.00 (0.04)	-0.01 (0.04)	-0.03 (0.04)	-0.02 (0.04)	-0.00 (0.02)	0.00 (0.02)	0.01 (0.04)	-0.00 (0.04)	0.09** (0.04)	0.08* (0.04)
2 or 3 years aft. sep. × older at sep.	0.00 (0.04)	-0.01 (0.04)	0.08* (0.04)	0.07 (0.05)	0.08* (0.04)	0.09** (0.05)	-0.00 (0.02)	0.00 (0.02)	0.07 (0.04)	0.05 (0.05)	0.03 (0.04)	0.03 (0.04)
No partner		0.35*** (0.03)		0.10*** (0.02)		0.03 (0.03)		0.01 (0.01)		0.14*** (0.03)		0.10*** (0.03)
Non working partner		0.22*** (0.02)		0.03* (0.02)		0.04*** (0.02)		0.00 (0.01)		0.02 (0.02)		0.01 (0.02)
No partner × older at sep.		-0.00 (0.04)		0.02 (0.04)		-0.03 (0.04)		-0.01 (0.02)		0.06 (0.04)		0.02 (0.04)
Non working partner × older at sep.		0.00 (0.04)		0.07 (0.05)		-0.02 (0.05)		0.06** (0.02)		0.13*** (0.05)		0.01 (0.04)
Mean	0.27		0.22		0.29		0.021		0.33		0.18	
Mean (among children whose parents separate)	0.46		0.34		0.37		0.034		0.47		0.24	
Observations	21692	21692	21692	21692	21692	21692	21692	21692	21692	21692	21692	21692
N (clusters)	6632	6632	6632	6632	6632	6632	6632	6632	6632	6632	6632	6632
Mother's educational attainment: A-level or higher												
0 or 1 year aft. sep.	0.18*** (0.05)	-0.01 (0.06)	0.06 (0.04)	0.04 (0.05)	0.10** (0.05)	0.17*** (0.05)	0.00 (0.02)	0.00 (0.02)	0.13*** (0.05)	0.07 (0.06)	0.02 (0.04)	-0.07 (0.05)
2 or 3 years aft. sep.	0.12*** (0.04)	-0.05 (0.04)	0.02 (0.03)	0.01 (0.04)	-0.00 (0.04)	0.06 (0.04)	0.01 (0.01)	0.01 (0.02)	0.03 (0.04)	-0.03 (0.05)	0.02 (0.04)	-0.06 (0.04)
4 to 7 years aft. sep.	0.06** (0.03)	-0.07** (0.03)	0.03 (0.02)	0.03 (0.03)	-0.01 (0.03)	0.03 (0.03)	0.01 (0.01)	0.02 (0.02)	0.01 (0.03)	-0.03 (0.04)	0.04 (0.03)	-0.04 (0.04)
8 to 11 years aft. sep.	0.01 (0.05)	-0.12** (0.05)	-0.03 (0.05)	-0.03 (0.05)	-0.06 (0.05)	-0.02 (0.05)	-0.02 (0.01)	-0.01 (0.02)	0.01 (0.05)	-0.04 (0.06)	0.07 (0.05)	-0.01 (0.06)
0 or 1 year aft. sep. × older at sep.	0.02 (0.06)	0.03 (0.06)	0.03 (0.05)	0.04 (0.05)	-0.10** (0.05)	-0.13** (0.06)	0.01 (0.02)	0.03 (0.03)	0.01 (0.05)	0.01 (0.06)	0.10** (0.05)	0.06 (0.05)
2 or 3 years aft. sep. × older at sep.	0.05 (0.05)	0.08 (0.05)	0.05 (0.04)	0.06 (0.04)	0.02 (0.05)	-0.01 (0.05)	-0.02 (0.02)	0.00 (0.02)	0.06 (0.06)	0.07 (0.06)	0.07 (0.05)	0.04 (0.05)
No partner		0.25*** (0.04)		0.03 (0.03)		-0.11*** (0.04)		0.03* (0.02)		0.09** (0.04)		0.07* (0.04)
Non working partner		0.12*** (0.02)		0.02 (0.02)		0.02 (0.02)		0.00 (0.01)		0.03* (0.02)		-0.00 (0.02)
No partner × older at sep.		-0.06 (0.06)		-0.03 (0.05)		0.07 (0.05)		-0.05** (0.02)		-0.02 (0.06)		0.07 (0.05)
Non working partner × older at sep.		0.04 (0.06)		-0.10** (0.05)		-0.01 (0.05)		-0.02 (0.01)		-0.12** (0.05)		0.01 (0.05)
Mean	0.07		0.07		0.15		0.004		0.14		0.09	
Mean (among children whose parents separate)	0.19		0.14		0.21		0.010		0.25		0.14	
Observations	16126	16126	16126	16126	16126	16126	16126	16126	16126	16126	16126	16126
N (clusters)	4547	4547	4547	4547	4547	4547	4547	4547	4547	4547	4547	4547

† $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Standard errors into parenthesis (clustered at the child level)

Sample includes children whose parents are in couple at birth

Control for: mother's age, country, number of siblings, routine/semi routine occupation, age of child, wave

Table 13 Results from fixed-effect regression, heterogenous effects across age groups of mother at wave 1

	Income Poverty		Deprivation:									
	(1)	(2)	Overall (3)	(4)	Material (5)	(6)	Extreme Material (7)	(8)	Leisure (9)	(10)	Parental Involvement (11)	(12)
Mother's age lower than median at W1												
0 or 1 year aft. sep.	0.29*** (0.04)	0.05 (0.04)	0.09*** (0.03)	0.04 (0.04)	0.09** (0.04)	0.09** (0.04)	0.01 (0.01)	0.01 (0.02)	0.11*** (0.04)	0.00 (0.04)	0.03 (0.03)	-0.03 (0.04)
2 or 3 years aft. sep.	0.23*** (0.03)	0.03 (0.03)	0.04 (0.03)	-0.00 (0.03)	-0.00 (0.03)	0.00 (0.03)	0.01 (0.01)	0.01 (0.01)	0.03 (0.03)	-0.06* (0.04)	0.09*** (0.03)	0.03 (0.03)
4 to 7 years aft. sep.	0.15*** (0.03)	-0.02 (0.03)	0.05* (0.03)	0.00 (0.03)	0.02 (0.03)	0.02 (0.03)	0.02** (0.01)	0.02 (0.01)	0.01 (0.03)	-0.08** (0.03)	0.09*** (0.03)	0.03 (0.03)
8 to 11 years aft. sep.	0.10** (0.04)	-0.05 (0.04)	-0.00 (0.04)	-0.04 (0.04)	-0.05 (0.04)	-0.05 (0.04)	-0.01 (0.02)	-0.01 (0.02)	0.00 (0.04)	-0.07 (0.05)	0.08** (0.04)	0.03 (0.04)
0 or 1 year aft. sep. × older at sep.	-0.02 (0.04)	-0.02 (0.05)	0.02 (0.04)	0.00 (0.04)	-0.03 (0.04)	-0.04 (0.05)	0.00 (0.02)	0.01 (0.02)	-0.00 (0.04)	-0.02 (0.05)	0.06 (0.04)	0.02 (0.05)
2 or 3 years aft. sep. × older at sep.	-0.00 (0.04)	-0.00 (0.04)	0.05 (0.04)	0.03 (0.04)	0.04 (0.04)	0.04 (0.04)	-0.02 (0.02)	-0.01 (0.02)	0.04 (0.05)	0.02 (0.05)	0.06 (0.04)	0.03 (0.05)
No partner		0.34*** (0.03)		0.05** (0.02)		-0.00 (0.03)		0.01 (0.01)		0.12*** (0.03)		0.04* (0.03)
Non working partner		0.19*** (0.02)		0.03* (0.02)		0.05*** (0.02)		0.01 (0.01)		0.03 (0.02)		0.01 (0.02)
No partner × older at sep.		-0.02 (0.05)		0.04 (0.04)		0.00 (0.04)		-0.01 (0.02)		0.06 (0.04)		0.09** (0.04)
Non working partner × older at sep.		0.03 (0.04)		0.02 (0.05)		-0.05 (0.05)		0.04 (0.02)		0.08* (0.05)		0.02 (0.04)
Mean (total subsample)	25%		20%			28%		1.8%		31%		15%
Mean (children whose parents separate)	42%		31%			36%		3.0%		44%		21%
Observations	18659	18659	18659	18659	18659	18659	18659	18659	18659	18659	18659	18659
N (clusters)	5677	5677	5677	5677	5677	5677	5677	5677	5677	5677	5677	5677
Mother's age higher than median at W1												
0 or 1 year aft. sep.	0.26*** (0.05)	0.04 (0.05)	0.14*** (0.04)	0.08* (0.05)	0.12*** (0.04)	0.17*** (0.05)	0.01 (0.02)	0.01 (0.02)	0.17*** (0.04)	0.08 (0.05)	0.01 (0.04)	-0.12** (0.05)
2 or 3 years aft. sep.	0.23*** (0.04)	0.02 (0.05)	0.08** (0.04)	0.03 (0.04)	0.04 (0.04)	0.09* (0.05)	-0.00 (0.02)	0.00 (0.02)	0.05 (0.04)	-0.03 (0.05)	0.06 (0.04)	-0.05 (0.05)
4 to 7 years aft. sep.	0.22*** (0.03)	0.03 (0.04)	0.11*** (0.03)	0.07** (0.04)	0.05** (0.03)	0.10** (0.04)	0.01 (0.01)	0.02 (0.02)	0.10*** (0.03)	0.02 (0.04)	0.05* (0.03)	-0.05 (0.04)
8 to 11 years aft. sep.	0.18*** (0.05)	-0.01 (0.06)	0.06 (0.05)	0.01 (0.05)	0.01 (0.04)	0.06 (0.05)	-0.02 (0.02)	-0.01 (0.02)	0.10* (0.05)	0.02 (0.06)	0.02 (0.06)	-0.09 (0.06)
0 or 1 year aft. sep. × older at sep.	-0.06 (0.05)	-0.07 (0.06)	-0.01 (0.05)	0.03 (0.05)	-0.08* (0.05)	-0.07 (0.05)	0.00 (0.02)	0.03 (0.02)	0.03 (0.05)	0.04 (0.06)	0.14*** (0.05)	0.15*** (0.05)
2 or 3 years aft. sep. × older at sep.	0.06 (0.05)	0.06 (0.05)	0.09* (0.05)	0.12** (0.05)	0.08 (0.05)	0.09 (0.05)	0.00 (0.02)	0.02 (0.02)	0.12** (0.05)	0.14** (0.06)	0.02 (0.05)	0.04 (0.05)
No partner		0.27*** (0.04)		0.12*** (0.03)		-0.04 (0.03)		0.03** (0.01)		0.13*** (0.04)		0.17*** (0.04)
Non working partner		0.16*** (0.02)		0.02 (0.02)		0.02 (0.02)		-0.01 (0.01)		0.03 (0.02)		-0.00 (0.02)
No partner × older at sep.		-0.01 (0.06)		-0.10** (0.05)		-0.04 (0.05)		-0.06** (0.02)		-0.05 (0.06)		-0.05 (0.05)
Non working partner × older at sep.		-0.01 (0.06)		0.01 (0.06)		0.03 (0.05)		0.03 (0.03)		0.00 (0.06)		0.00 (0.05)
Mean (total subsample)	12%		11%			18%		0.9%		18%		13%
Mean (children whose parents separate)	28%		21%			25%		2.1%		33%		20%
Observations	19159	19159	19159	19159	19159	19159	19159	19159	19159	19159	19159	19159
N (clusters)	5502	5502	5502	5502	5502	5502	5502	5502	5502	5502	5502	5502

† $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Standard errors into parenthesis (clustered at the child level)

Sample includes children whose parents are in couple at birth

Control for: mother's age, country, number of siblings, routine/semi routine occupation, age of child, wave

Table 14 Results from fixed-effect regression, heterogenous effect depending poverty status at wave 1

	Income Poverty		Deprivation:									
	(1)	(2)	Overall		Material		Extreme Material		Leisure		Parental Involvement	
			(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Household is income poor at W1												
0 or 1 year aft. sep.	0.22*** (0.07)	0.04 (0.07)	0.06 (0.06)	0.01 (0.07)	0.07 (0.06)	0.08 (0.07)	0.02 (0.02)	0.02 (0.03)	0.03 (0.07)	-0.04 (0.07)	0.04 (0.06)	-0.06 (0.07)
2 or 3 years aft. sep.	0.21*** (0.06)	0.05 (0.06)	0.05 (0.06)	0.01 (0.07)	0.03 (0.05)	0.04 (0.06)	0.03* (0.02)	0.03 (0.02)	-0.05 (0.07)	-0.12* (0.07)	0.14** (0.06)	0.05 (0.07)
4 to 7 years aft. sep.	0.20*** (0.06)	0.05 (0.06)	0.12** (0.06)	0.07 (0.06)	0.10** (0.05)	0.11* (0.06)	0.02* (0.01)	0.02 (0.02)	-0.01 (0.06)	-0.09 (0.06)	0.14*** (0.05)	0.05 (0.06)
8 to 11 years aft. sep.	0.21*** (0.08)	0.08 (0.08)	0.09 (0.07)	0.05 (0.08)	0.01 (0.07)	0.02 (0.07)	0.03 (0.02)	0.03 (0.03)	0.06 (0.08)	-0.01 (0.08)	0.13* (0.07)	0.05 (0.08)
0 or 1 year aft. sep. × older at sep.	-0.01 (0.08)	0.01 (0.08)	0.14** (0.07)	0.13* (0.08)	0.02 (0.07)	0.01 (0.08)	-0.01 (0.02)	-0.01 (0.03)	0.12 (0.08)	0.09 (0.08)	0.12* (0.07)	0.11 (0.07)
2 or 3 years aft. sep. × older at sep.	-0.03 (0.07)	-0.02 (0.07)	0.18** (0.09)	0.16* (0.09)	0.08 (0.07)	0.07 (0.07)	-0.02 (0.03)	-0.02 (0.03)	0.23*** (0.08)	0.20** (0.08)	-0.02 (0.08)	-0.03 (0.08)
No partner		0.31*** (0.04)		0.04 (0.04)		-0.02 (0.04)		-0.01 (0.02)		0.04 (0.04)		0.10** (0.04)
Non working partner		0.23*** (0.03)		0.04 (0.03)		0.05* (0.03)		-0.00 (0.01)		0.01 (0.03)		0.02 (0.02)
No partner × older at sep.		-0.01 (0.07)		0.08 (0.07)		0.04 (0.07)		0.02 (0.04)		0.14* (0.07)		0.07 (0.07)
Non working partner × older at sep.		0.05 (0.07)		0.06 (0.07)		0.01 (0.07)		0.03 (0.03)		0.12* (0.07)		0.04 (0.06)
Mean (total subsample)	57%		42%		50%		3.7%		52%		25%	
Mean (children whose parents separate)	68%		48%		53%		4.0%		58%		30%	
Observations	6960	6960	6960	6960	6960	6960	6960	6960	6960	6960	6960	6960
N (clusters)	2230	2230	2230	2230	2230	2230	2230	2230	2230	2230	2230	2230
Household is not income poor at W1												
0 or 1 year aft. sep.	0.30*** (0.03)	0.06 (0.04)	0.13*** (0.03)	0.06** (0.03)	0.11*** (0.03)	0.13*** (0.04)	0.01 (0.01)	0.01 (0.02)	0.17*** (0.03)	0.04 (0.04)	0.02 (0.03)	-0.06 (0.03)
2 or 3 years aft. sep.	0.25*** (0.03)	0.03 (0.03)	0.07*** (0.03)	0.01 (0.03)	0.01 (0.03)	0.03 (0.03)	0.00 (0.01)	-0.00 (0.01)	0.08*** (0.03)	-0.04 (0.03)	0.06** (0.03)	-0.01 (0.03)
4 to 7 years aft. sep.	0.18*** (0.02)	-0.01 (0.03)	0.06*** (0.02)	0.01 (0.02)	0.02 (0.02)	0.03 (0.03)	0.01* (0.01)	0.02* (0.01)	0.06*** (0.02)	-0.03 (0.03)	0.06*** (0.02)	-0.00 (0.03)
8 to 11 years aft. sep.	0.13*** (0.04)	-0.05 (0.04)	0.02 (0.03)	-0.03 (0.04)	-0.02 (0.03)	-0.01 (0.04)	-0.02 (0.01)	-0.02 (0.02)	0.04 (0.04)	-0.05 (0.04)	0.05 (0.04)	-0.01 (0.04)
0 or 1 year aft. sep. × older at sep.	-0.07* (0.04)	-0.06 (0.04)	-0.03 (0.03)	-0.02 (0.04)	-0.08** (0.04)	-0.07* (0.04)	0.00 (0.02)	0.02 (0.02)	-0.02 (0.04)	-0.02 (0.04)	0.08** (0.03)	0.07* (0.04)
2 or 3 years aft. sep. × older at sep.	0.02 (0.04)	0.03 (0.04)	0.04 (0.04)	0.05 (0.04)	0.05 (0.04)	0.06 (0.04)	-0.00 (0.01)	0.01 (0.02)	0.03 (0.04)	0.03 (0.04)	0.06* (0.04)	0.05 (0.04)
No partner		0.33*** (0.03)		0.09*** (0.02)		-0.01 (0.03)		0.02* (0.01)		0.16*** (0.03)		0.08*** (0.03)
Non working partner		0.16*** (0.02)		0.02 (0.01)		0.03** (0.01)		0.00 (0.01)		0.03* (0.02)		-0.00 (0.01)
No partner × older at sep.		-0.03 (0.04)		-0.02 (0.03)		-0.01 (0.04)		-0.03** (0.01)		-0.01 (0.04)		0.03 (0.04)
Non working partner × older at sep.		-0.02 (0.04)		0.02 (0.04)		-0.02 (0.04)		0.04* (0.02)		0.03 (0.05)		0.00 (0.04)
Mean (total subsample)	12%		11%		18%		0.9%		20%		12%	
Mean (children whose parents separate)	28%		21%		26%		2.2%		35%		18%	
Observations	30858	30858	30858	30858	30858	30858	30858	30858	30858	30858	30858	30858
N (clusters)	8949	8949	8949	8949	8949	8949	8949	8949	8949	8949	8949	8949

† $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Standard errors into parenthesis (clustered at the child level)

Sample includes children whose parents are in couple at birth

Control for: mother's age, country, number of siblings, routine/semi routine occupation, age of child, wave

Table 15 Results from fixed-effect regression, introducing contact with fathers as a control

	Income Poverty		Deprivation:									
	(1)	(2)	Overall		Material		Extreme Material		Leisure		Parental Involvement	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
0 or 1 year aft. sep.	0.26*** (0.05)	0.25*** (0.05)	0.08* (0.04)	0.08* (0.05)	-0.00 (0.05)	-0.00 (0.05)	0.03 (0.02)	0.02 (0.02)	0.08* (0.05)	0.08* (0.05)	0.14*** (0.05)	0.14*** (0.05)
2 or 3 years aft. sep.	0.21*** (0.04)	0.20*** (0.04)	0.06* (0.03)	0.06* (0.04)	0.01 (0.04)	0.01 (0.04)	0.01 (0.01)	-0.00 (0.02)	0.03 (0.04)	0.02 (0.04)	0.10*** (0.04)	0.11*** (0.04)
4 to 7 years aft. sep.	0.16*** (0.03)	0.15*** (0.03)	0.07*** (0.03)	0.07** (0.03)	0.06** (0.03)	0.06** (0.03)	0.02 (0.01)	0.01 (0.01)	0.02 (0.03)	0.02 (0.03)	0.07** (0.03)	0.07** (0.03)
8 to 11 years aft. sep.	0.10*** (0.04)	0.09** (0.04)	0.02 (0.04)	0.02 (0.04)	0.01 (0.04)	0.01 (0.04)	-0.01 (0.02)	-0.02 (0.02)	0.02 (0.04)	0.02 (0.04)	0.05 (0.04)	0.05 (0.04)
0 or 1 year aft. sep. × older at sep.	-0.04 (0.05)	-0.04 (0.05)	0.05 (0.04)	0.05 (0.04)	0.07 (0.05)	0.07 (0.05)	-0.01 (0.02)	-0.01 (0.02)	0.05 (0.05)	0.05 (0.05)	-0.01 (0.05)	-0.01 (0.05)
2 or 3 years aft. sep. × older at sep.	0.03 (0.04)	0.03 (0.04)	0.07* (0.04)	0.07* (0.04)	0.08** (0.04)	0.08** (0.04)	-0.01 (0.02)	-0.01 (0.02)	0.09** (0.04)	0.09** (0.04)	0.03 (0.04)	0.03 (0.04)
Often stay with father overnight		0.02 (0.02)		0.00 (0.02)		-0.00 (0.02)		0.02** (0.01)		0.00 (0.02)		-0.00 (0.02)
N	27367	27367	27367	27367	27367	27367	27367	27367	27367	27367	27367	27367
N (clusters)	10415	10415	10415	10415	10415	10415	10415	10415	10415	10415	10415	10415

† $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

Data: Millennium Cohort Study (Wave 3 to 5). Sample includes children whose parents are in couple at birth

Control for: mother's age, country, number of siblings, non-white, routine/semi routine occupation, highest level of education among parents, sex of child, age of child

Table 16 Robustness checks: placebo test with random dates of separation

	Nb of samples	Mean	Min	Max	Sig. at 10%	Sig. at 5%	Sig. at 1%
Monetary poverty							
0 or 1 year aft. sep	1,500	-0.001	-0.06	0.08	9.6%	4.9%	1.1%
2 or 3 years aft. sep	1,500	0.001	-0.06	0.07	10.6%	5.5%	1.5%
4 to 7 years aft. sep	1,500	0.000	-0.06	0.05	9.6%	4.7%	0.7%
8 to 11 years aft. sep	1,500	-0.000	-0.08	0.07	9.5%	4.3%	0.9%
0 or 1 year aft. sep × older at sep.	1,500	0.002	-0.08	0.08	9.7%	5.1%	1.3%
2 or 3 years aft. sep × older at sep.	1,500	0.002	-0.08	0.08	9.7%	5.1%	1.3%
Overall deprivation							
0 or 1 year aft. sep	1,500	-0.001	-0.07	0.07	9.1%	4.4%	1.1%
2 or 3 years aft. sep	1,500	-0.001	-0.06	0.06	11.1%	6.3%	1.0%
4 to 7 years aft. sep	1,500	-0.001	-0.05	0.05	10.2%	5.1%	1.1%
8 to 11 years aft. sep	1,500	-0.000	-0.07	0.08	8.7%	4.1%	0.9%
0 or 1 year aft. sep × older at sep.	1,500	0.000	-0.07	0.09	9.6%	4.2%	0.9%
2 or 3 years aft. sep × older at sep.	1,500	0.000	-0.07	0.09	9.6%	4.2%	0.9%
Material deprivation							
0 or 1 year aft. sep	1,500	-0.000	-0.08	0.08	9.4%	4.7%	0.7%
2 or 3 years aft. sep	1,500	-0.001	-0.09	0.09	8.8%	4.3%	0.9%
4 to 7 years aft. sep	1,500	0.000	-0.08	0.07	8.3%	4.7%	1.1%
8 to 11 years aft. sep	1,500	-0.000	-0.12	0.09	8.9%	4.6%	0.4%
0 or 1 year aft. sep × older at sep.	1,500	-0.000	-0.12	0.11	9.6%	5.5%	1.1%
2 or 3 years aft. sep × older at sep.	1,500	-0.000	-0.12	0.11	9.6%	5.5%	1.1%
Extreme Material deprivation							
0 or 1 year aft. sep	1,500	-0.001	-0.02	0.03	10.5%	5.0%	0.6%
2 or 3 years aft. sep	1,500	-0.001	-0.03	0.02	12.0%	5.8%	1.0%
4 to 7 years aft. sep	1,500	-0.000	-0.02	0.01	9.3%	5.2%	0.9%
8 to 11 years aft. sep	1,500	-0.001	-0.03	0.03	10.4%	4.3%	0.9%
0 or 1 year aft. sep × older at sep.	1,500	0.001	-0.03	0.03	10.6%	5.1%	0.7%
2 or 3 years aft. sep × older at sep.	1,500	0.001	-0.03	0.03	10.6%	5.1%	0.7%
Leisure deprivation							
0 or 1 year aft. sep	1,500	-0.001	-0.10	0.12	9.9%	4.7%	1.0%
2 or 3 years aft. sep	1,500	-0.001	-0.08	0.08	10.8%	5.6%	1.0%
4 to 7 years aft. sep	1,500	-0.000	-0.07	0.08	10.2%	5.5%	1.1%
8 to 11 years aft. sep	1,500	-0.000	-0.08	0.11	9.9%	4.9%	1.1%
0 or 1 year aft. sep × older at sep.	1,500	0.001	-0.11	0.10	9.3%	4.8%	1.2%
2 or 3 years aft. sep × older at sep.	1,500	0.001	-0.11	0.10	9.3%	4.8%	1.2%
Lower parental involvement							
0 or 1 year aft. sep	1,500	0.001	-0.10	0.08	9.8%	5.1%	1.1%
2 or 3 years aft. sep	1,500	-0.002	-0.08	0.07	9.2%	5.0%	1.2%
4 to 7 years aft. sep	1,500	-0.001	-0.07	0.07	10.3%	4.8%	1.1%
8 to 11 years aft. sep	1,500	-0.001	-0.09	0.09	10.3%	5.2%	1.1%
0 or 1 year aft. sep × older at sep.	1,500	-0.002	-0.11	0.09	10.0%	4.9%	1.1%
2 or 3 years aft. sep × older at sep.	1,500	-0.002	-0.11	0.09	10.0%	4.9%	1.1%

Data: Millennium Cohort Study