## CORRECTION



## Correction: The Well-Being of Adolescents Conceived Through Medically Assisted Reproduction: A Population-Level and Within-Family Analysis

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In this article, all the standard errors (i.e., all figures in parentheses) in Tables 3, 5 and 7 contain minus signs that should not be there. The correct tables are shown in the following.

The original article has been corrected.

The original article can be found online at https://doi.org/10.1007/s10680-022-09623-6.

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**Table 3** Differences in the probability (percentage points) of social and mental-health outcomes at ages 16–18 among children conceived by medically assisted reproduction (MAR) versus those conceived naturally. Between-family and within-family analyses of children born in Finland 1995–2000

MAR	Between-family sample			Within-family sample		
	Model 1	Model 2	n	Model 3	Model 4	n
Grade point average (GPA) <sup>a</sup>	24.04***	4.763***	219,624	3.732	1.295	2621
	(1.008)	(0.925)		(2.809)	(3.397)	
Academic track (ref. vocational)	10.50***	1.369***	269,662	3.081**	0.786	4682
	(0.436)	(0.405)		(1.107)	(1.324)	
School dropout	-0.611***	0.026	280,682	-0.114	0.040	4923
	(0.149)	(0.150)		(0.388)	(0.462)	
NEET status at age 18	-1.184***	-0.137	280,682	-0.603	-0.357	4923
	(0.163)	(0.163)		(0.417)	(0.496)	
Early home-leaving	-6.201***	-1.695***	280,682	-1.040	0.342	4923
	(0.325)	(0.318)		(0.786)	(0.935)	
Antidepressant use	-0.227	0.440	280,682	-0.146	0.193	4923
	(0.230)	(0.232)		(0.713)	(0.848)	
Mental disorders (any)	-0.319	0.693**	280,682	2.124**	1.177	4923
	(0.252)	(0.254)		(0.752)	(0.895)	
Internalizing	-0.090	0.511*	280,682	1.556*	0.928	4923
	(0.205)	(0.207)		(0.620)	(0.738)	
Externalizing	-0.297**	0.106	280,682	0.257	-0.072	4923
	(0.098)	(0.099)		(0.282)	(0.335)	
Developmental	0.209*	0.315***	280,682	0.329	0.037	4923
	(0.088)	(0.090)		(0.288)	(0.343)	
Other	-0.120	0.220	280,682	1.002	0.395	4923
	(0.170)	(0.172)		(0.546)	(0.649)	
High-risk health behavior	-0.304**	0.140	280,682	0.234	0.185	4923
	(0.118)	(0.119)		(0.365)	(0.435)	
Adjustments:						
Child's sex	X	X		X	X	
Birth year	X	X				
Birth order		X			X	
Maternal age at birth		X				
Maternal smoking		X			X	
Parental education at birth		X				
Family structure at birth		X				
Income decile at birth		X			X	
Hospital district at birth		X				

Standard errors in parentheses. Sibling fixed effects used for the within-family models. Significance levels: \*\*\*p < 0.001, \*\*p < 0.05



<sup>&</sup>lt;sup>a</sup>The coefficient (multiplied by 100) for GPA represents a linear estimation, not a probability

Table 5 Differences in the probability (percentage points) of social and mental-health outcomes at ages 16-18 among children conceived by in vitro fertilization (IVF) versus those conceived naturally. Between-family and within-family analyses of children born in Finland 1995–2000

IVF	Between-family sample			Within-family sample		
	Model 1	Model 2	N	Model 3	Model 4	N
Grade point average (GPA) <sup>a</sup>	31.60***	9.192***	213,317	6.322	-9.006	555
	(1.567)	(1.435)		(5.818)	(10.51)	
Academic track (ref. vocational)	13.73***	2.871***	261,720	7.550**	0.588	952
	(0.675)	(0.624)		(2.390)	(3.853)	
School dropout	-0.745**	-0.084	272,485	-0.580	-0.896	986
	(0.231)	(0.232)		(0.788)	(1.260)	
NEET status at age 18	-1.262***	-0.086	272,485	-0.225	1.427	986
	(0.253)	(0.253)		(0.726)	(1.157)	
Early home-leaving	-7.078***	-1.798***	272,485	-1.796	1.050	986
	(0.505)	(0.492)		(1.718)	(2.753)	
Antidepressant use	-0.719*	-0.0360	272,485	1.250	-1.033	986
	(0.356)	(0.358)		(1.630)	(2.615)	
Mental disorders (any)	-0.728	0.338	272,485	2.163	-0.733	986
	(0.391)	(0.392)		(1.580)	(2.497)	
Internalizing	-0.330	0.278	272,485	1.255	-1.933	986
•	(0.317)	(0.319)		(1.424)	(2.259)	
Externalizing	-0.449**	0.029	272,485	0.908	0.467	986
	(0.152)	(0.153)		(0.643)	(1.037)	
Developmental	0.180	0.295*	272,485	-0.088	-0.847	986
	(0.136)	(0.138)		(0.580)	(0.925)	
Other	-0.189	0.148	272,485	1.343	-2.122	986
	(0.263)	(0.265)		(1.153)	(1.812)	
High-risk health behavior	-0.432*	0.071	272,485	-0.869	-0.473	986
	(0.183)	(0.184)		(0.656)	(1.047)	
Adjustments:						
Child's sex	X	x		X	X	
Birth year	X	x				
Birth order		x			X	
Maternal age at birth		X				
Maternal smoking		x			X	
Parental education at birth		x				
Family structure at birth		X				
Income decile at birth		X			X	
Hospital district at birth		X				

Standard errors in parentheses. Sample sizes vary across outcomes but are held constant for each outcome across estimations for each type of analysis. Sibling fixed effects used for the within-family models. Significance levels: \*\*\*p<0.001, \*\*p<0.01, \*p<0.05



<sup>&</sup>lt;sup>a</sup>The coefficient (multiplied by 100) for GPA represents a linear estimation, not a probability

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**Table 7** Differences in the probability (percentage points) of social and mental-health outcomes at ages 16–18 among singleton children conceived by medically assisted reproduction (MAR) versus those conceived naturally. Between-family and within-family analyses of singleton children born in Finland 1995–2000, adjusted for sociodemographic factors

MAR	Between-family sample			Within-family sample		
	Model 1	Model 2	N	Model 3	Model 4	N
Grade point average (GPA) <sup>a</sup>	23.40***	3.217***	212,611	3.661	1.224	2446
	(1.141)	(1.046)		(2.965)	(3.562)	
Academic track (ref. vocational)	10.49***	0.850*	261,030	2.580*	0.399	4375
	(0.493)	(0.456)		(1.157)	(1.376)	
School dropout	-0.630***	0.0387	271,710	-0.096	0.285	4603
	(0.168)	(0.169)		(0.404)	(0.477)	
NEET status at age 18	-1.088***	0.001	271,710	-0.678	-0.315	4603
	(0.184)	(0.184)		(0.450)	(0.532)	
Early home-leaving	-6.232***	-1.622***	271,710	-0.804	0.590	4603
	(0.367)	(0.359)		(0.831)	(0.984)	
Antidepressant use	-0.149	0.552**	271,710	0.216	0.582	4603
	(0.260)	(0.262)		(0.755)	(0.893)	
Mental disorders (any)	-0.278	0.781***	271,710	2.187**	1.357	4603
	(0.285)	(0.287)		(0.790)	(0.936)	
Internalizing	0.013	0.653***	271,710	1.725**	1.185	4603
	(0.232)	(0.234)		(0.653)	(0.774)	
Externalizing	-0.273*	0.135	271,710	0.234	-0.027	4603
	(0.111)	(0.112)		(0.273)	(0.323)	
Developmental	0.203*	0.321***	271,710	0.289	-0.003	4603
	(0.010)	(0.101)		(0.306)	(0.362)	
Other	-0.246	0.106	271,710	0.809	0.237)	4603
	(0.192	(0.193)		(0.576)	(0.680)	
High-risk health behavior	-0.242	0.207	271,710	0.292	0.180)	4603
	(0.133)	(0.134)		(0.396)	(0.469)	
Adjustments:						
Child's sex	X	X		X	X	
Birth year	X	X				
Birth order		X			X	
Maternal age at birth		X				
Maternal smoking		X			X	
Parental education at birth		X				
Family structure at birth		X				
Income decile at birth		X			X	
Hospital district at birth		X				

Standard errors in parentheses. Sample sizes vary across outcomes but are held constant for each outcome across estimations for each type of analysis. Sibling fixed effects used for the within-family models. Significance levels: \*\*\*p < 0.001, \*\*p < 0.01, \*\*p < 0.05

<sup>&</sup>lt;sup>a</sup>The coefficient (multiplied by 100) for GPA represents a linear estimation, not a probability



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