

Supplementary Material

Table S1 Characteristics of the grandparents.

Characteristic	MGM >21 repeats	MGM <22 repeats	MGM P	MGF >21 repeats	MGF <22 repeats	MGF P
	Mean (SD)	Mean (SD)		Mean (SD)	Mean (SD)	
Year of birth of grandparent	1935.1 (8.2)	1934.9 (8.5)	0.657	1931.7 (9.0)	1931.7 (9.1)	0.884
Age at birth of mother	27.1 (5.8)	27.0 (5.8)	0.732	30.4 (7.0)	30.0 (6.6)	0.214
	N (%)	N (%)	P	N (%)	N (%)	P
Social class* I&II	73 (26.0)	596 (28.2)	0.452	136 (32.7)	1102 (35.9)	0.200
Non-white	12 (2.2)	79 (2.1)	0.791	13 (2.4)	87 (2.3)	0.827
Education level >O-level equivalent	137 (34.7)	1062 (36.4)	0.544	139 (37.0)	1070 (38.8)	0.504
Smoker	308 (56.9)	2116 (55.3)	0.480	402 (75.7)	2840 (75.4)	0.859

*Based on the occupation of the grandparent. MGM = maternal grandmother; MGF = maternal grandfather.

Table S2 Demographic characteristics of the study mother.

Characteristic of mother	>21 repeats N (%)	<22 repeats N (%)	OR [95% CI]	P
Born preterm	45 (8.6)	264 (7.1)	1.23 [0.89, 1.72]	0.258
Non-white	10 (1.9)	95 (2.5)	0.75 [0.39, 1.44]	0.381
Born in Avon	270 (55.1)	1946 (54.8)	1.01 [0.84, 1.22]	0.895
First-born	156 (28.4)	1252 (32.4)	0.82 [0.63, 1.08]	0.153
Last-born	199 (36.2)	1332 (34.5)	1.15 [0.90, 1.48]	0.269
Education level >O-level	181 (33.1)	1482 (38.5)	0.83 [0.64, 1.08]	0.164
Social class I or II	150 (31.5)	1133 (32.6)	0.89 [0.68, 1.17]	0.417
	Mean (SD)	Mean (SD)	MD [95% CI]	P
Year of birth	1962.9 (4.7)	1962.7 (4.9)	+0.20 [-0.23, +0.62]	0.362
Age at LMP	27.6 (4.7)	27.8 (4.9)	-0.21 [-0.63, +0.21]	0.329