

Data supplement

Table DS1 Characteristics of study members^a

Characteristics	Boys (n = 2931)	Girls (n = 3069)
Psychosis-like symptoms		
Psychosis-like symptoms (any suspected or definite), n (%)	372 (12.7)	448 (14.6)
Psychosis-like symptoms (any definite), n (%)	144 (4.9)	198 (6.5)
Age at psychosis-like symptoms interview, years: mean (s.d.)	12.9 (0.2)	12.8 (0.2)
Child anthropometry, mean (s.d.)		
Birth weight, g	3551 (487)	3428 (441)
Birth length, cm	51.2 (2.0)	50.4 (1.9)
Ponderal index	2.6 (0.2)	2.7 (0.2)
7.5-year standing height, cm	126.1 (5.3)	125.1 (5.4)
7.5-year waist circumference, cm	56.7 (4.9)	55.8 (5.1)
7.5-year body mass index, kg/m ²	16.1 (1.9)	16.3 (2.1)
Parental anthropometry, mean (s.d.)		
Mother's pre-pregnancy height, cm	164.2 (6.8)	164.3 (6.6)
Mother's pre-pregnancy weight, kg	62.1 (10.7)	61.5 (10.4)
Partner's height, cm	176.3 (6.9)	176.3 (6.8)
Partner's weight, kg	78.2 (11.2)	77.9 (11.4)
Social demographics		
Occupation, n (%)		
Non-manual	1572 (58.3)	1609 (56.5)
Manual	1124 (41.7)	1239 (43.5)
Housing tenure, n (%)		
Mortgage/owned	2396 (84.2)	2470 (83)
Council	201 (7.1)	250 (8.4)
Rented/other	248 (8.7)	255 (8.6)
Maternal education, n (%)		
Less than O-level	606 (21.4)	625 (21.1)
O-level	1009 (35.6)	1049 (35.4)
More than O-level	1218 (43)	1289 (43.5)
Crowding index, n (%)		
≤0.5	1407 (50.0)	1432 (48.6)
>0.5–0.75	890 (31.6)	920 (31.2)
>0.75–1	404 (14.4)	479 (16.3)
>1	113 (4.0)	114 (3.9)
Other		
Maternal age, years: mean (s.d.)	29.2 (4.6)	29.0 (4.5)
Paternal age, years: mean (s.d.)	31.7 (5.6)	31.3 (5.5)
Maternal parity, n (%)		
0	1335 (47.0)	1395 (47.0)
1	987 (34.7)	1072 (36.1)
2+	520 (18.3)	499 (16.9)
Gestation, mean (s.d.)	39.7 (1.3)	39.8 (1.3)
Maternal smoking during pregnancy, cigarettes: n (%)		
None	2350 (80.9)	2498 (82.1)
1–9 per day	247 (8.5)	213 (7.0)
10–19 per day	210 (8.3)	230 (7.6)
20 or more per day	98 (3.4)	103 (3.4)
Resuscitation at birth, n (%)		
No	2465 (91.9)	2619 (93.1)
Yes	217 (8.1)	195 (6.9)
Family history of schizophrenia, n (%)		
No	2059 (98.6)	2198 (98.3)
Yes	30 (1.4)	37 (1.7)
Child IQ at 8 years, mean (s.d.)	106.2 (16.7)	105.6 (15.6)

a. The sample sizes vary because of missing data for some potential confounders. The variables with the least available data from the total of 6000 are: partner's height and weight (n = 4304), family history of schizophrenia (n = 4324) and child IQ at 8 years (n = 4757).

Table DS2 The association (odds ratio, 95% CI) of indicators of fetal growth with psychosis-like symptoms (suspected and definite)

	Any suspected or definite psychosis-like symptoms		Any definite psychosis-like symptoms	
	Adjusted for age and gender ^a	Adjusted for age, gender ^a and gestation	Adjusted for age and gender ^a	Adjusted for age, gender ^a and gestation
Birth weight categories, kg				
<2.5	1.06 (0.57–1.97)	1.08 (0.58–2.02)	1.47 (0.67–3.26)	1.53 (0.69–3.42)
2.5–<3	1.27 (1.00–1.60)	1.28 (1.01–1.62)	1.51 (1.10–2.08)	1.54 (1.12–2.13)
3–<3.5	1.00	1.00	1.00	1.00
3.5–<4	1.06 (0.89–1.26)	1.05 (0.88–1.26)	0.95 (0.73–1.24)	0.93 (0.71–1.22)
4–<4.5	0.95 (0.73–1.23)	0.94 (0.72–1.21)	0.77 (0.51–1.16)	0.75 (0.50–1.14)
4.5+	1.09 (0.63–1.87)	1.07 (0.62–1.84)	1.15 (0.52–2.52)	1.11 (0.50–2.45)
P	0.43	0.39	0.032	0.026
Birth weight z-score	0.95 (0.88–1.02)	0.94 (0.87–1.02)	0.83 (0.74–0.93)	0.82 (0.73–0.92)
P	0.17	0.13	0.002	0.001
Birth length quintiles				
1 (Short)	1.08 (0.80–1.46)	1.19 (0.86–1.64)	1.50 (0.97–2.31)	1.71 (1.08–2.71)
2	1.12 (0.84–1.50)	1.19 (0.88–1.61)	1.06 (0.68–1.67)	1.16 (0.73–1.84)
3	0.97 (0.72–1.30)	1.01 (0.75–1.36)	1.02 (0.65–1.61)	1.08 (0.68–1.71)
4	1.03 (0.77–1.39)	1.06 (0.79–1.42)	1.12 (0.72–1.75)	1.16 (0.74–1.82)
5 (Long)	1.00	1.00	1.00	1.00
P	0.87	0.66	0.29	0.14
Birth length z-score	0.96 (0.88–1.06)	0.93 (0.84–1.03)	0.88 (0.77–1.01)	0.84 (0.73–0.97)
P	0.41	0.16	0.07	0.022
Ponderal index quintiles				
1 (Low)	1.38 (1.02–1.88)	1.39 (1.02–1.89)	1.98 (1.22–3.22)	1.99 (1.23–3.23)
2	1.34 (0.98–1.82)	1.34 (0.98–1.83)	1.84 (1.13–3.00)	1.84 (1.13–3.00)
3	1.36 (1.00–1.85)	1.35 (1.00–1.84)	2.07 (1.29–3.33)	2.06 (1.28–3.32)
4	1.51 (1.12–2.04)	1.51 (1.12–2.04)	1.76 (1.08–2.86)	1.76 (1.08–2.86)
5 (High)	1.00	1.00	1.00	1.00
P	0.10	0.10	0.036	0.036
Ponderal index z-score	0.91 (0.82–1.00)	0.91 (0.82–1.00)	0.83 (0.72–0.96)	0.83 (0.72–0.96)
P	0.046	0.044	0.011	0.011

a. Gender-specific z-scores were calculated so these models do not contain gender. The models per category and quintile do adjust for gender.