

human reproduction SUPPLEMENTARY DATA

Supplementary Table SIII Characteristics of study sample according to delivery mode as a three-category variable.

	Vaginal n = 736 (76.8%)	Planned cesarean n = 75 (7.8%)	Unplanned cesarean n = 147 (15.4%)	P-value ^a
Maternal characteristics				
	Mean (SD) or %			
Age at enrollment (years)	32.6 (4.7)	34.1 (4.4)	32.7 (4.3)	0.02
Race/ethnicity				0.27
White	76.1	66.7	68.0	
Black	10.6	14.7	14.3	
Hispanic	5.6	9.3	6.8	
Asian	5.0	5.3	4.8	
Other/More than 1 race or ethnicity	2.7	4.0	6.1	
College graduate	75.3	69.3	80.3	0.19
Household income >\$70 000/year	66.4	64.0	59.2	0.24
Smoking history				0.79
Never	70.5	74.7	70.8	
Before pregnancy	20.8	20.0	19.1	
During pregnancy	8.7	5.3	10.2	
Height (m)	1.66 (0.07)	1.65 (0.07)	1.63 (0.08)	0.0006
Pre-pregnancy BMI (kg/m ²)	24.4 (4.8)	26.0 (6.1)	25.9 (6.3)	0.005
Total gestational weight gain (kg)	15.6 (5.1)	15.0 (5.4)	16.2 (5.9)	0.20
Nulliparous	47.8	26.7	66.0	<0.001
Gestational diabetes	4.6	5.3	5.4	0.89
Pre-eclampsia	2.7	2.7	6.1	0.10
Age at menarche (years)	12.8 (1.5)	12.7 (1.4)	12.5 (1.5)	0.07
Paternal characteristics				
Height (m)	1.79 (0.08)	1.80 (0.08)	1.80 (0.08)	0.32
BMI (kg/m ²)	26.3 (3.9)	27.2 (4.2)	26.6 (3.9)	0.11
Child characteristics				
Male sex	49.7	50.7	57.1	0.26
Gestational age at delivery (weeks)	39.6 (1.6)	38.9 (1.4)	39.9 (1.6)	0.0001
Birthweight-for-gestational-age z-score (SD units)	0.18 (0.91)	0.51 (1.00)	0.20 (1.00)	0.01
Mid-childhood BMI z-score (SD units)	0.49 (1.10)	0.83 (1.24)	0.77 (1.15)	0.008
Child pubertal development markers				
Number of visits from which information on puberty was collected	5 (2)	6 (2)	6 (2)	0.68
Age at peak height velocity (years)	12.2 (1.3)	11.9 (1.3)	12.1 (1.3)	0.29
No. of serial height measures	13.3 (6.2)	13.6 (6.4)	13.2 (7.1)	0.91
Puberty score at the mid-childhood visit (units)	1.1 (0.4)	1.1 (0.3)	1.1 (0.4)	0.93
Puberty score at 8 years (units)	1.3 (0.4)	1.3 (0.4)	1.3 (0.4)	0.48
Puberty score at 9 years (units)	1.3 (0.4)	1.4 (0.4)	1.4 (0.4)	0.48
Puberty score at 10 years (units)	1.5 (0.5)	1.5 (0.5)	1.6 (0.5)	0.12
Puberty score at 11 years (units)	1.7 (0.6)	1.8 (0.6)	1.9 (0.7)	0.05
Puberty score at the early adolescent visit (units)	2.6 (0.8)	2.6 (0.8)	2.6 (0.8)	0.79
Puberty score at 14 years (units)	3.0 (0.6)	3.1 (0.6)	3.1 (0.6)	0.62
Puberty score at 15 years (units)	3.3 (0.5)	3.4 (0.5)	3.3 (0.6)	0.62
Puberty score at 16 years (units)	3.5 (0.4)	3.5 (0.4)	3.5 (0.4)	0.90

(continued)

Supplementary Table SIII Continued

	Vaginal n = 736 (76.8%)	Planned cesarean n = 75 (7.8%)	Unplanned cesarean n = 147 (15.4%)	P-value ^a
Pubic hair stage > I at 10 years	44.7	55.4	52.4	0.14
Pubic hair stage > I at 11 years	74.1	73.0	79.1	0.58
Pubic hair stage > I at the early adolescent visit	96.7	98.5	95.4	0.51
Pubic hair stage > I at 14 years	99.2	100	97.9	0.60
Pubic hair stage > I at 15 years	99.7	100	100	0.87
Pubic hair stage > I at 16 years	100	100	100	–
Age at menarche—girls only (years)	12.4 (0.9)	12.3 (0.9)	12.2 (0.8)	0.40

^aP-value calculated using one-way ANOVA (for continuous variables) and chi-square tests (for categorical variables).