

Supplementary Table SIV Sensitivity analyses for associations of mode of delivery (cesarean versus vaginal delivery) with pubertal outcomes.

	Complete case analyses ^a	Inverse probability of censoring weighting analyses ^a	Excluding GDM, pre-eclampsia, macrosomia ^b
Boys			
Age at peak height velocity (years) ^c	-0.21 (-0.41, 0.00)	-0.25 (-0.42, -0.08)	-0.28 (-0.53, -0.03)
Risk of earlier attainment of puberty score > 1 ^d	1.06 (0.99, 1.14)	1.09 (1.00, 1.19)	1.08 (0.98, 1.19)
Risk of earlier entry into Tanner pubic hair Stage > 1 ^d	0.98 (0.85, 1.12)	1.03 (0.90, 1.18)	1.09 (0.93, 1.27)
Girls			
Age at peak height velocity (years) ^c	-0.06 (-0.28, 0.16)	0.01 (-0.19, 0.21)	-0.12 (-0.37, 0.13)
Risk of earlier attainment of puberty score > 1 ^d	0.98 (0.90, 1.08)	0.94 (0.85, 1.04)	1.02 (0.92, 1.13)
Risk of earlier entry into Tanner pubic hair Stage > 1 ^d	1.03 (0.89, 1.19)	0.94 (0.81, 1.08)	1.09 (0.93, 1.27)
Risk of earlier menarche ^d	1.34 (1.01, 1.79)	1.09 (0.80, 1.47)	1.43 (1.05, 1.97)

^aAdjusted for gestational age at delivery, birthweight-for-gestational-age z-score, maternal age at enrollment, educational level, household income, race/ethnicity, smoking history, parity, gestational diabetes (GDM), pre-eclampsia, height, pre-pregnancy BMI, maternal age at menarche, paternal height and BMI.

^bAdjusted for gestational age at delivery, birthweight-for-gestational-age z-score, maternal age at enrollment, educational level, household income, race/ethnicity, smoking history, parity, height, pre-pregnancy BMI, maternal age at menarche, paternal height and BMI.

^cEffect estimates represent mean differences and 95% CI.

^dEffect estimates represent hazard ratios and 95% CI.