

Table S1. Associations between early-life exposures and timing of thelarche in the Sister Study cohort additionally adjusted for relative weight at age 10 (N=49,033)^a

	Early thelarche (≤10 years) ^{b,c}		Late thelarche (≥14 years) ^{b,c}	
	OR	95% CI	OR	95% CI
<i>Maternal pregnancy characteristics</i>				
Diabetes				
Any	1.18	0.91, 1.52	0.90	0.70, 1.17
<i>Gestational diabetes</i>	0.81	0.53, 1.24	0.86	0.59, 1.25
<i>Pre-pregnancy diabetes</i>	1.65	1.18, 2.30	0.87	0.59, 1.28
None	1	Ref	1	Ref
Gestational hypertensive disorder				
Any	1.23	1.07, 1.41	0.95	0.83, 1.09
<i>Pre-eclampsia</i>	1.33	1.11, 1.61	0.96	0.80, 1.16
<i>Gestational hypertension</i>	1.08	0.86, 1.35	0.81	0.64, 1.02
None	1	Ref	1	Ref
DES use				
Yes	1.24	1.05, 1.47	0.99	0.84, 1.17
No	1	Ref	1	Ref
Smoking during pregnancy				
Yes	1.16	1.10, 1.23	1.04	0.98, 1.10
No	1	Ref	1	Ref
Farm exposure				
Work and residence	1.00	0.92, 1.09	0.96	0.89, 1.04
Work only	1.04	0.82, 1.32	1.21	0.99, 1.49
Residence only	0.99	0.87, 1.14	0.85	0.75, 0.96
None	1	Ref	1	Ref
Age at delivery				
<20 years	1.37	1.21, 1.55	0.89	0.79, 1.01
20-24 years	1.11	1.03, 1.20	0.96	0.90, 1.03
25-29 years	1	Ref	1	Ref
30-34 years	0.93	0.86, 1.00	0.95	0.89, 1.02
35-39 years	0.96	0.88, 1.05	0.95	0.88, 1.03
≥40 years	0.92	0.81, 1.05	1.00	0.89, 1.13
<i>Birth and infancy characteristics</i>				
Firstborn				
Yes	1.27	1.19, 1.35	0.84	0.79, 0.89
No	1	Ref	1	Ref
Birthweight				
<2500g	1.16	1.05, 1.28	1.03	0.94, 1.13
2500g-3999g	1	Ref	1	Ref

≥4000g	0.90	0.81, 1.00	1.09	0.99, 1.21
Multiple birth				
Yes	0.92	0.79, 1.09	1.08	0.94, 1.23
No	1	Ref	1	Ref
Gestational age at birth				
Born ≥1 month before due date	0.92	0.75, 1.12	1.09	0.92, 1.29
Born 2-4 weeks before due date	1.06	0.92, 1.21	0.92	0.81, 1.05
Not born ≥2 weeks before due date	1	Ref	1	Ref
Ever breastfed				
Yes	1.00	0.94, 1.06	0.95	0.90, 1.00
No	1	Ref	1	Ref
Ever fed soy formula				
Yes	1.10	0.93, 1.30	1.06	0.91, 1.24
No	1	Ref	1	Ref

^a129 women with missing data on weight at age 10 were excluded from this analysis.

^bAdjusted for birth cohort, race/ethnicity, childhood family income and relative weight at age 10.

^cReferent group is the larche at 11-13 years