

Supplementary Table I. Odds ratios for rapid weight gain comparing mothers with PCOS to mothers without PCOS in children from 4 to 12 months by PCOS status in the Upstate KIDS Study

	Unadjusted				Fully Adjusted			
	OR	Lower		p-value	OR	Lower		p-value
95% CI		Upper	95% CI			Upper		
<b>Total</b>								
<b>All children</b>								
<b>(n=4,098)</b>								
4 months	0.92	0.67	1.26	0.61	0.89	0.62	1.26	0.50
9 months	1.00	0.75	1.32	0.97	0.94	0.69	1.28	0.69
12 months	1.05	0.78	1.40	0.76	1.00	0.73	1.36	0.98
<b>Singletons</b>								
<b>(n=3,204)</b>								
4 months	0.80	0.53	1.22	0.30	1.02	0.53	1.32	0.44
9 months	0.96	0.67	1.67	0.81	0.93	0.63	1.37	0.72
12 months	1.02	0.70	1.48	0.92	0.98	0.66	1.46	0.93
<b>Twins (n=894)</b>								
4 months	1.54	0.98	2.44	0.06	1.69	0.94	2.72	0.09
9 months	1.06	0.70	1.61	0.78	0.96	0.59	1.58	0.88
12 months	1.22	0.79	1.89	0.37	1.10	0.66	1.81	0.72

Fully adjusted model adjusted for maternal age, body mass index, race/ethnicity, marital status, private insurance, education, smoking during pregnancy, drinking during pregnancy, any diabetes, and plurality

Supplementary Table II. Difference in growth measures from birth through 3 years of age comparing offspring of mothers with PCOS to offspring of mothers without PCOS, stratified by fertility treatment, in the Upstate KIDS Study

	Beta	Fully adjusted		p-value
		Lower 95% CI	Upper 95% CI	
<b>Children not conceived using fertility treatment</b>				
Weight (g)	60.24	-105.04	225.53	0.47
Weight for age (z-score)	-0.01	-0.18	0.16	0.89
Length (cm)	0.48	-0.08	1.04	0.09
Length for age (z-score)	-0.14	0.32	0.04	0.14
BMI (kg/m <sup>2</sup> )	-0.18	-0.43	0.07	0.15
BMI (z-score)	-0.14	-0.31	0.04	0.12
<b>Children conceived using fertility treatment</b>				
Weight (g)	-58.05	-161.81	45.73	0.27
Weight for age (z-score)	-0.07	-0.18	0.04	0.22
Length (cm)	-0.24	-0.57	0.09	0.15
Length for age (z-score)	-0.02	-0.14	0.11	0.78
BMI (kg/m <sup>2</sup> )	-0.07	-0.24	0.11	0.43
BMI (z-score)	-0.04	-0.15	0.08	0.56