

human reproduction **SUPPLEMENTARY DATA**

Supplementary Table SII Association between history of polycystic ovary syndrome (PCOS) and adverse pregnancy outcomes among deliveries in study sample women aged ≥18 between 1 October 2013 and 31 December 2017, stratified by BMI.*

	No diagnosis of PCOS		Diagnosis of PCOS		aRR (95% CI) ¹	P-value, test for homogeneity ²
	n	%	n	%		
Gestational diabetes						
BMI < 25	2888	5.3	126	7.7	1.46 (1.23–1.73)	0.94
BMI ≥ 25	3571	11.4	346	19.1	1.57 (1.41–1.74)	
PIH/eclampsia/preeclampsia						
BMI < 25	3892	7.2	136	8.3	1.04 (0.88–1.24)	0.047
BMI ≥ 25	4883	15.6	420	23.2	1.35 (1.23–1.48)	
Cesarean section³						
BMI < 25	14844	27.4	450	27.5	1.02 (0.94–1.10)	0.34
BMI ≥ 25	12353	39.4	777	42.9	1.08 (1.02–1.13)	
Small for gestational age⁴						
BMI < 25	4331	8.0	154	9.3	1.10 (0.94–1.29)	0.77
BMI ≥ 25	1868	5.9	131	7.1	1.13 (0.94–1.34)	
Large for gestational age⁴						
BMI < 25	3990	7.3	100	6.1	0.85 (0.70–1.04)	0.24
BMI ≥ 25	3976	12.6	227	12.3	0.98 (0.86–1.11)	
Low birthweight (<2500 g)						
BMI < 25	3516	6.4	169	9.9	1.17 (1.01–1.36)	0.89
BMI ≥ 25	2025	6.3	198	10.5	1.25 (1.07–1.45)	
Preterm birth (<37 weeks)						
BMI < 25	3991	7.2	187	11.0	1.19 (1.03–1.39)	0.47
BMI ≥ 25	2656	8.3	235	12.6	1.17 (1.02–1.35)	
Neonatal prolonged hospital stay^{4,5}						
BMI < 25	2256	4.2	92	5.7	1.07 (0.88–1.30)	0.26
BMI ≥ 25	1392	4.5	132	7.5	1.30 (1.10–1.54)	

*Analyses are limited to those with known BMI.
¹Crude and adjusted relative risk approximated using general estimating equations with a log link and Poisson distribution to take into account multiple deliveries by the same women; multivariate models adjusted for maternal age (continuous), race (non-Hispanic White, other race/ethnicity, unknown), education (high school + some college, completed college, unknown), plurality (singleton, multiples), birth year (2013–2017 ordinal categorical variable) and history of hypertension or diabetes.
²Based on generalized estimating equations type 3 estimates.
³Excluding those with unknown mode of delivery.
⁴Limited to live births only.
⁵Limited analysis to those whose gestational age ≥35 weeks, with known data on mode of delivery and birth hospital records.
 aRR, adjusted relative risk; PIH, pregnancy-induced hypertension.