

Supplementary Table SIV Adjusted odds ratio for spontaneous preterm birth according to maternal PCOS (PCOS diagnosis only, excluding anovulatory infertility) and diabetes in birth cohort 1996–2014.

	<37 weeks (n = 43 658)	32–36 weeks (n = 37 268)	28–31 weeks (n = 4589)	<28 weeks (n = 1801)
No maternal PCOS, no anovulatory infertility				
No DM	1.00	1.00	1.00	1.00
GDM	1.02 (0.99 – 1.05)	1.08 (1.04 – 1.12)	0.77 (0.70 – 0.86)	0.65 (0.55 – 0.77)
T2DM	2.39 (2.17 – 2.63)	2.40 (2.17 – 2.66)	1.94 (1.47 – 2.54)	2.15 (1.42 – 3.26)
DM-IT	17.73 (16.11 – 19.52)	16.75 (15.22 – 18.45)	8.31 (6.58 – 10.50)	4.99 (3.16 – 7.87)
Maternal PCOS, no anovulatory infertility				
No DM	1.56 (1.41 – 1.72)	1.48 (1.33 – 1.65)	1.59 (1.21 – 2.08)	2.73 (1.93 – 3.88)
GDM	1.80 (1.51 – 2.14)	1.85 (1.54 – 2.23)	1.10 (0.60 – 2.03)	2.50 (1.35 – 4.62)
T2DM	3.63 (2.43 – 5.41)	2.59 (1.60 – 4.20)	8.20 (4.06 – 16.56)	5.38 (1.34 – 21.63)
DM-IT	19.57 (11.51 – 33.27)	15.17 (8.79 – 26.17)	15.80 (6.33 – 39.44)	11.08 (2.66 – 46.23)

Spontaneous preterm births were all preterm births after excluding planned cesarean sections and induced vaginal labor. GDM, gestational diabetes mellitus; T2DM, non-insulin-treated type 2 diabetes mellitus; DM-IT, prepregnancy insulin-treated diabetes mellitus; PCOS, polycystic ovary syndrome. Mothers without DM-IT, T2DM or GDM were grouped as having no DM. Mothers with DM-IT were excluded from the groups of T2DM and GDM, and likewise, mothers with T2DM were excluded from the GDM group. Births to non-PCOS mothers with no diabetes were used as the reference. The analysis was adjusted for offspring birth year, parity (0 or ≥ 1), maternal age at delivery, country of birth (Finland or not), smoking during pregnancy (yes/no) and mother married at delivery (yes/no). Values are odds ratio (95% CI).