

**Supplementary Table SIV Adjusted hazard ratios (HRs) for offspring diabetes in relation to maternal polycystic ovary syndrome (PCOS)/anovulatory infertility (AI) in birth cohort 1996–2014.**

Groups	Overall <sup>a</sup>		Male		Female				
	No. of cases	Person-years	IR <sup>b</sup>	HR (95% CI)		No. of cases	IR <sup>b</sup>	HR (95% CI)	
				Model 1	Model 2			Model 1	Model 2
<b>Overall</b>									
No maternal PCOS/AI	9391	13 758 016	0.68	1.00	1.00	5207	0.75	1.00	1.00
Maternal PCOS/AI	214	277 097	0.77	1.13 (0.98–1.29)	1.06 (0.92–1.21)	115	0.81	1.03 (0.91–1.31)	0.73 (0.96–1.43)
<b>≤9 years</b>									
No maternal PCOS/AI	6137	8 852 347	0.69	1.00	1.00	3282	0.73	1.00	1.00
Maternal PCOS/AI	143	196 156	0.73	1.06 (0.90–1.25)	1.00 (0.84–1.18)	72	0.71	0.98 (0.78–1.24)	0.75 (0.91–1.45)
<b>10–16 years</b>									
No maternal PCOS/AI	2786	3 731 103	0.75	1.00	1.00	1641	0.88	1.00	1.00
Maternal PCOS/AI	56	64 719	0.87	1.15 (0.89–1.50)	1.07 (0.82–1.40)	37	1.14	1.24 (0.94–1.80)	0.59 (0.60–1.49)
<b>17–22 years</b>									
No maternal PCOS/AI	468	1 174 566	0.40	1.00	1.00	284	0.49	1.00	1.00
Maternal PCOS/AI	15	16 222	0.92	2.31 (1.38–3.86)	2.06 (1.23–3.46)	6	0.76	1.38 (0.67–3.36)	3.63 (1.86–7.09)

PCOS/AI was identified by ICD-9 256.4, 628.0, ICD-10 E28.2, and N97.0. Offspring diabetes was identified based on ICD-10 E10-E14. Model 1 was adjusted for offspring birth year, caesarean section (yes/no) and number of fetuses. Model 2 was further adjusted for maternal age, smoking during pregnancy (yes/no), maternal socio-economic status (SES) (upper white collar worker, lower white collar worker, blue collar worker, and other status), maternal psychiatric disorders (yes/no), maternal obesity (yes/no), maternal insulin-treated pregestational diabetes (yes/no), and maternal other diabetes (yes/no).

<sup>a</sup>The analyses were also adjusted for offspring sex.

<sup>b</sup>IR, incidence rate per 1000 person-years. Reference group was total, male or female births to non-PCOS/anovulatory infertility mothers.