

Supplementary Table SV Adjusted hazard ratios (HRs) for offspring type 1 diabetes in relation to maternal polycystic ovary syndrome (PCOS)/anovulatory infertility (AI) in birth cohort 1996–2014.

Groups	Overall ^a						Male			Female			
	No. of cases	Person-years	IR ^b	HR (95% CI)		No. of cases	IR ^b	HR (95% CI)		No. of cases	IR ^b	HR (95% CI)	
				Model 1	Model 2			Model 1	Model 2			Model 1	Model 2
Overall													
No maternal PCOS/AI	9075	13 758 016	0.66	1.00	1.00	5058	0.73	1.00	1.00	4017	0.59	1.00	1.00
Maternal PCOS/AI	202	277 097	0.73	1.09	1.03	109	0.77	1.06	1.01	93	0.68	1.14	1.06
				(0.95–1.26)	(0.90–1.19)			(0.87–1.28)	(0.83–1.22)			(0.93–1.40)	(0.86–1.30)
≤9 years													
No maternal PCOS/AI	6081	8 852 347	0.69	1.00	1.00	3256	0.72	1.00	1.00	2825	0.65	1.00	1.00
Maternal PCOS/AI	142	196 156	0.72	1.06	1.00	72	0.71	0.99	0.94	70	0.74	1.14	1.07
				(0.90–1.25)	(0.85–1.18)			(0.78–1.25)	(0.74–1.89)			(0.90–1.45)	(0.84–1.36)
10–16 years													
No maternal PCOS/AI	2643	3 731 103	0.71	1.00	1.00	1573	0.85	1.00	1.00	1070	0.57	1.00	1.00
Maternal PCOS/AI	49	64 719	0.76	1.06	1.01	32	0.99	1.18	1.13	17	0.53	0.91	0.83
				(0.80–1.41)	(0.76–1.34)			(0.83–1.67)	(0.80–1.61)			(0.56–1.46)	(0.51–1.34)
17–22 years													
No maternal PCOS/AI	351	1 174 566	0.30	1.00	1.00	229	0.40	1.00	1.00	122	0.21	1.00	1.00
Maternal PCOS/AI	11	16 222	0.68	2.26	2.08	5	0.63	1.55	1.46	6	0.72	3.67	3.23
				(1.24–4.13)	(1.14–3.81)			(0.64–3.76)	(0.60–3.55)			(1.62–8.35)	(1.41–7.40)

PCOS/AI was identified by ICD-9 256.4, 628.0, ICD-10 E28.2, and N97.0. Offspring type 1 diabetes was identified based on ICD-10 E10. 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), married at delivery (yes/no), maternal socio-economic status (SES) (upper white collar worker, blue collar worker, and other status), maternal psychiatric disorders (yes/no), maternal obesity (yes/no), and maternal insulin-treated pregestational diabetes (yes/no).

^aThe analyses were also adjusted for offspring sex.

^bIR, incidence rate per 1000 person-years. Reference group was total, male or female births to non-PCOS/anovulatory infertility mothers.