

Table S2. Risk factors for pelvic inflammatory disease and tubal factor infertility

	Pelvic inflammatory disease		Ectopic pregnancy		Tubal factor infertility	
	Cases/person- years	Crude HR (95%CI)	Cases/person- years	Crude HR (95%CI)	Cases/person- years	Crude HR (95%CI)
Age	159/85,553	0.88 (0.81- 0.96)	52/86,302	1.04 (0.91- 1.18)	33/86,425	0.94 (0.79- 1.12)
Chlamydia positivity in CSI-PCR						
No	141/80,705	1	47/81,376	1	30/81,477	1
Yes	18/4,848	2.21 (1.35- 3.61)	5/4,926	1.83 (0.73- 4.60)	3/4,948	1.76 (0.54- 5.77)
Gonorrhoea positivity						
No	156/84,726	1	51/85,434	1	31/ 85,557	1
Yes	3/827	1.56 (0.49- 4.92)	1/868	1.46 (0.20- 10.63)	2/868	4.53 (1.08- 19.08)
Migration background						
Western	117/68,746	1	32/69,323	1	24/69,379	1
Non-Western	28/12,752	1.30 (0.86- 1.96)	16/12,830	2.74 (1.50- 4.98)	7/12,877	1.60 (0.69- 3.71)
Unknown	14/4,055	2.03 (1.16- 3.53)	4/4,149	2.08 (0.73- 5.87)	2/4,169	1.37 (0.32- 5.78)
Educational level ^{S#}						
Low/Middle	66/17,481	1	25/17,777	1	12/17,860	1
High	93/67,994	0.37 (0.27- 0.50)	27/68,447	0.28 (0.16- 0.48)	21/68,487	0.46 (0.23- 0.94)
Age at sexual debut						
<16	64/25,450	1	15/25,822	1	12/25,881	1
16-17	60/33,109	0.75 (0.53- 1.07)	17/33,412	0.90 (0.45- 1.80)	12/33,446	0.81 (0.36- 1.81)
>17	35/26,994	0.56 (0.37- 0.85)	20/27,068	1.37 (0.70- 2.69)	9/27,098	0.83 (0.35- 1.99)

Lifetime sex partners

< 6	35/25,039	1	21/25,111	1	9/31,114	1
6 – 12	48/30,862	1.08 (0.70- 1.67)	24/31,030	0.87 (0.49- 1.57)	7/31,114	0.59 (0.22- 1.58)
> 12	76/29,652	1.75 (1.17- 2.61)	7/30,161	0.25 (0.11- 0.59)	17/30,114	1.41 (0.63- 3.18)

Condom use with casual partners+

Never/not often	15/4,745	1	3/4,837	1	4/4,836	1
Sometimes	56/27,389	0.63 (0.36- 1.12)	15/ 27,652	0.82 (0.24- 2.85)	10/27,703	0.41 (0.13- 1.30)
Always/mostly	71/40,017	0.55 (0.31- 0.95)	24/40,350	0.90 (0.27- 3.00)	13/40,420	0.36 (0.12- 1.11)
No casual partners	16/13,236	0.38 (0.19- 0.77)	10/13,284	1.20 (0.33- 4.35)	6/13,287	0.54 (0.15- 1.92)

Use of IUD

No	142/82,682	1	47/83,390	1	31/83,513	1
Yes	17/2,871	3.04 (1.83- 5.05)	5/2,912	2.52 (1.00- 6.38)	2/2,912	1.43 (0.34- 6.01)

Smoking

No	86/58,768	1	34/59,104	1	25/59,132	1
Yes	73/26,785	1.87 (1.37- 2.55)	18/27,198	1.18 (0.66- 2.09)	8/27,293	0.72 (0.32- 1.59)

Number of chlamydia tests

1	15/15,823	1	10/15,859	1	2/15,898	1
2	38/22,866	1.79 (0.99- 3.26)	18/23,057	1.24 (0.57- 2.69)	10/23,093	3.51 (0.77- 16.04)
3	41/22,101	2.02 (1.12- 3.65)	14/22,261	0.99 (0.44- 2.23)	10/22,282	3.68 (0.81- 16.81)
>3	65/24,763	2.83 (1.61-	10/25,125	0.62 (0.26-	11/25,152	3.50 (0.78-

		4.96)		1.49)		15.81)
Chlamydia IgG						
antibodies (serology)						
No	69/46,281	1	20/46,653	1	15/46,675	1
Yes	27/8,808	2.02 (1.29-3.15)	4/8,917	1.02 (0.35-2.99)	5/8,921	1.68 (0.61-4.63)
Unknown	63/30,464	1.37 (0.98-1.93)	28/30,732	2.12 (1.20-3.77)	13/30,829	1.30 (0.62-2.73)

HR = Hazard Ratio. CI = Confidence Interval. *Educational level: Low/medium level of education: no education, primary education only, lower general secondary education and vocational education; high level of education: all other education levels. IUD = Intrauterine Device. IgG = Immunoglobulin G.