

Electronic supplementary material

Table 1. Multivariate estimation of the prevalence ratio (PR) for VV and number of pregnancies, oral contraceptives, pill years and hormone replacement therapy (HRT) in the female population

Risk factor	Control Group 1		VV		Raw estimate		Adjust. estimate	
	N 985	% 100	N 435	% 100	PR1	95%CI	PR2	95%CI
Pregnancies								
Any pregnancy	610	61.93	362	83.22	1.13	1.11–1.15	1.09 *	1.05–1.13
Never pregnant (reference)	375	38.07	73	16.78	1			
1 Pregnancy	176	17.87	78	17.93	1.88	1.42–2.49	1.29	0.99–1.67
2 Pregnancies	245	24.87	119	27.36	2.01	1.55–2.59	1.41	1.11–1.80
3 Pregnancies	107	10.86	77	17.70	2.57	1.96–3.37	1.49	1.16–1.92
4+ Pregnancies	82	8.32	88	20.23	3.18	2.46–4.10	1.69	1.33–2.15
Oral contraceptives								
Ever	732	74.31	235	54.02	0.55	0.47–0.64	0.93	0.79–1.09
Never	247	25.08	197	45.29	1			
Not specified	6	0.61	3	0.69				
Pill years					0.99	0.98–1.01	0.98 *	0.97–1.00
Not specified	253	25.68	200	45.98				
<= 1 year	82	8.32	34	7.82	1			
2–5 years	172	17.46	62	14.25	0.90	0.63–1.29	1.23 *	0.88–1.72
6–10 years	218	22.13	61	14.02	0.75	0.52–1.07	0.91 *	0.64–1.27
11–15 years	139	14.11	37	8.50	0.72	0.48–1.07	0.74 *	0.51–1.08
> 15 years	121	12.28	41	9.42	0.86	0.59–1.27	0.85 *	0.59–1.22
Hormone replacement therapy (HRT)								
Ever	155	15.73	102	23.45	0.84	0.70–1.00	0.99	0.82–1.20
Never	235	23.86	212	48.73	1			
Oestrogenes	40	4.06	29	6.67	0.89	0.66–1.19	0.98	0.71–1.36
Gestagenes	6	0.61	4	0.92	0.84	0.39–1.81	1.09	0.51–2.35
Both	62	6.29	34	7.82	0.75	0.56–1.00	0.90	0.66–1.21
Don't know	47	4.77	35	8.05	0.90	0.69–1.18	1.09	0.84–1.40
No information	595	60.41	121	27.82				

Note. * = log-binomial model did not converge; alternatively, the robust Poisson models were used.

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Table 2. Multivariate estimation of the prevalence ratio (PR) for venous edema (C3) and number of pregnancies or oral contraceptive use in the female population

Risk factor	Control group 2		C3		Raw estimate		Adjust. estimate	
	N	%	N	%	PR1	95%CI	PR2	95%CI
	1135	100	256	100				
Pregnancies								
Any Pregnancy	712	62.73	207	80.86	1.20 *	1.14–1.26	1.07	1.01–1.13
Never pregnant (Reference)	423	37.27	49	19.14	1			
1 pregnancy	202	17.80	39	15.23	1.56	1.05–2.30	0.98	0.68–1.42
2 pregnancies	278	24.49	79	30.86	2.13	1.53–2.96	1.33	0.97–1.81
3 pregnancies	130	11.45	41	16.01	2.31	1.59–3.36	1.24	0.87–1.77
4+ pregnancies	102	8.99	48	18.75	3.08	2.17–4.39	1.47	1.06–2.06
Oral contraceptives								
Ever	841	74.10	126	49.22	0.43	0.34–0.53	0.81	0.63–1.04
Never (reference)	286	25.20	126	49.22	1			
Not specified	8	0.70	4	1.56				
Pill Years					1.00	0.98–1.03	0.99*	0.97–1.01
Not specified	294	25.90	130	50.78				
<= 1 Year	89	7.84	17	6.64	1			
2–5 Years	198	17.44	34	13.28	0.91	0.54–1.56	1.26*	0.73–2.16
6–10 Years	255	22.47	32	12.50	0.70	0.40–1.20	0.82*	0.48–1.43
11–15 Years	161	14.18	15	5.86	0.53	0.28–1.02	0.55*	0.29–1.07
> 15 Jahre	138	12.16	28	10.94	1.05	0.61–1.83	1.00*	0.58–1.75
Hormone replacement Therapie (HRT)								
Ever	170	14.98	55	21.48	0.77	0.59–1.01	0.90	0.67–1.20
Never	277	24.40	129	50.39	1			
Oestrogenes	42	3.70	20	7.81	1.02	0.69–1.50	1.11	0.73–1.67
Gestagenes	42	3.70	20	7.81	1.05	0.51–2.67	1.35	0.54–3.41
Both	6	0.53	3	1.17	0.62	0.39–0.96	0.75	0.47–1.20
Don't know	52	4.58	15	5.86	0.70	0.44 1.13	0.83	0.51–1.34
Not specified	688	60.17	72	28.12				

Note. * = log-binomial model did not converge; alternatively, the robust Poisson models were used.

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Table 3. Multivariate estimation of the prevalence ratio (PR) for severe CVI (C4–C6) and number of pregnancies in the female population

Risk factor	Control group 2		C4–C6		Raw estimate		Adjust. estimate	
	N 1135	% 100	N 58	% 100	PR1	95%CI	PR2	95%CI
Pregnancies								
Any pregnancies	712	62.73	50	86.21	1.36	1.23–1.50	1.14	1.02–1.27
Never pregnant	423	37.27	8	13.79	1			
1 pregnancy	202	17.80	10	17.24	2.54	2.02–6.35	1.27	0.53–3.04
2 pregnancies	278	24.49	13	22.41	2.41	1.01–5.73	1.32	0.59–2.96
3 pregnancies	130	11.45	11	18.97	4.20	1.72–10.24	1.80	0.74–4.38
4+ pregnancies	102	8.99	16	13.6	7.31	3.20–16.65	2.28	1.04–4.97
Oral contraceptives								
Ever	841	74.10	20	34.48	0.41	0.34–0.49	0.81	0.65–1.01
Never	286	25.20	37	63.79	1		1	
Not specified	8	0.70	1	1.72				
Pill Years					0.98	0.91–1.05	0.97*	0.90–1.03
<= 1 Year	89	7.84	4	6.90	1			
2–5 Years	198	17.44	4	6.90	0.46	0.12–1.80	0.86*	0.23–3.18
6–10 Years	255	22.47	6	10.33	0.53	0.15–1.85	0.74*	0.25–2.23
11–15 Years	161	14.19	4	6.90	0.56	0.14–2.20	0.74*	0.21–2.63
> 15 Years	138	12.16	2	3.45	0.33	0.06–1.78	0.36*	0.07–1.82
No Information	294	25.90	38	65.52				
HRT								
Ever	170	14.98	14	24.14	0.65	0.36–1.16	1.04*	0.55–1.95
Never	277	24.41	37	63.79	1		1	
Oestrogenes	42	3.70	3	5.17	0.57	0.18–1.76	0.76*	0.25–2.30
Gestagenes	6	0.53	1	1.72	1.21	0.19–7.63	1.84*	0.40–8.58
Both	70	6.17	6	10.34	0.67	0.29–1.53	1.19*	0.51–2.77
Don't know	52	4.58	4	6.90	0.61	0.22–1.63	1.02	0.36–2.84
Not specified	688	60.62	7	12.07				

Note. * = log-binomial model did not converge; alternatively, the robust Poisson models were used.