

SUPPLEMENTARY MATERIAL

Supplementary Table 1. Hazard ratios (95% confidence intervals) for incident seropositive rheumatoid arthritis (RA) according to passive smoking in adulthood, overall and after stratified by ever-smoking status among women in the E3N cohort (N = 79,806).

	Cases, no./person- years, no.	Model 1 HR (95% CI)	Model 2 HR (95% CI)
All population (N=79,318)			
Passive smoking in adulthood			
No	99/875,345	Reference	Reference
Yes	111/1,015,242	0.97 [0.74; 1.27]	0.91 [0.69; 1.20]
<i>P-value</i>		0.005	0.025
Never smokers (N=42,927)			
Passive smoking in adulthood			
No	57/551,540	Reference	Reference
Yes	50/470,651	1.03 [0.70; 1.50]	1.04 [0.71; 1.53]
<i>P-value</i>		0.032	0.029
Ever smokers (N=36,391)			
Passive smoking in adulthood			
No	42/323,804	Reference	Reference
Yes	61/544,591	0.87 [0.58; 1.28]	0.86 [0.58; 1.27]
<i>P-value</i>		0.22	0.20
All population (N=79,318)			
Never smoker, no passive smoking in adulthood	57/551,540	Reference	Reference
Never smoker, passive smoking in adulthood	50/470,651	1.03 [0.70; 1.51]	1.01 [0.69; 1.48]
Ever smoker, no passive smoking in adulthood	42/323,804	1.09 [0.76; 1.57]	1.04 [0.72; 1.51]
Ever smoker, passive smoking in adulthood	61/544,591	1.26 [0.85; 1.88]	1.23 [0.82; 1.83]

M1: Adjusted for age (as the timescale)

M2: Adjusted for age (as the timescale), active smoking status (current smoker, non-smoker, former smoker, except for stratified and combined analyses), passive smoking in childhood, body mass index (kg/m²) (< 18.5 kg/m², [18.5-25[kg/m², [25-30[kg/m², ≥ 30 kg/m²), and educational level (< High School, up to 2-level university, 3-4 level university)

Abbreviations: HR: hazard ratios; 95% CI; 95% confidence interval.