

Table S1: Odds ratios (ORs) for first acute myocardial infarction by potential risk factors

Potential risk factors	Entire database OR (95% CI)		Late birth cohorts OR (95% CI)		Late birth cohorts, sub-cohort A only OR (95% CI)	
Last smoking status						
Never	1.00	(referent)	1.00	(referent)	1.00	(referent)
Former	3.74	2.04 to 6.84	4.31	1.43 to 13.02	3.27	0.45 to 23.59
Current	5.31	3.17 to 8.89	8.16	3.17 to 21.01	12.07	2.37 to 61.44
Unknown	0.92	0.44 to 1.95	0.63	0.12 to 3.31	0.95	0.08 to 11.87
Diabetes mellitus*						
No	1.00	(referent)	1.00	(referent)	1.00	(referent)
Yes	5.60	2.93 to 10.7	4.91	1.92 to 12.51	5.58	1.67 to 18.67
Hypertension*						
No	1.00	(referent)	1.00	(referent)	1.00	(referent)
Yes	1.88	1.38 to 2.57	1.71	1.05 to 2.78	1.75	0.86 to 3.54
Hypercholesterolemia*						
No	1.00	(referent)	1.00	(referent)	1.00	(referent)
Yes	3.87	1.82 to 8.20	7.80	2.78 to 21.88	2.40	0.64 to 8.93
Obesity*						
No	1.00	(referent)	1.00	(referent)	1.00	(referent)
Yes	1.14	0.75 to 1.72	1.56	0.87 to 2.78	1.86	0.81 to 4.29
ESR elevated at baseline						
No	1.00	(referent)	1.00	(referent)	1.00	(referent)
Yes	1.83	1.30 to 2.57	2.26	1.23 to 4.14	1.65	0.76 to 3.59
Metabolic syndrome*						
No	1.00	(referent)	1.00	(referent)	1.00	(referent)
Yes	4.09	1.81 to 9.24	3.88	1.22 to 12.35	2.25	0.50 to 10.05

\* Ascertained 5 years prior to the index date

Table S2: Odds ratios (ORs) for first acute myocardial infarction by potential risk factors, calculated without time lag

<b>Potential risk factors</b>	<b>Entire database OR (95% CI)</b>		<b>Late birth cohorts OR (95% CI)</b>		<b>Late birth cohorts, sub-cohort A only OR (95% CI)</b>	
Diabetes mellitus						
No	1.00	(referent)	1.00	(referent)	1.00	(referent)
Yes	4.52	2.65 to 7.71	4.21	1.80 to 9.85	4.30	1.38 to 13.4
Hypertension						
No	1.00	(referent)	1.00	(referent)	1.00	(referent)
Yes	2.36	1.75 to 3.18	2.71	1.66 to 4.41	2.06	1.02 to 4.17
Hypercholesterolemia						
No	1.00	(referent)	1.00	(referent)	1.00	(referent)
Yes	6.84	4.11 to 11.4	6.33	3.20 to 12.5	4.19	1.50 to 11.7
Obesity						
No	1.00	(referent)	1.00	(referent)	1.00	(referent)
Yes	1.22	0.85 to 1.73	1.32	0.79 to 2.23	1.34	0.61 to 2.92
Metabolic syndrome						
No	1.00	(referent)	1.00	(referent)	1.00	(referent)
Yes	5.41	2.83 to 10.3	3.53	1.41 to 8.81	1.85	0.55 to 6.28