

**Supplementary Table 5** Recording of risk factors in primary care before myocardial infarction recorded only in primary care, hospital admission or disease registry sources from 1st January 2003 to 31st March 2009.

	Primary care only (CPRD)	Hospital admissions only (HES)	Disease registry only (MINAP)
Number of patients	4588	2352	1634
Age in years, median (IQR)	76 (66-83)	78 (68-85)	78 (69-84)
Sex, n female (%)	1912 (41.7)	1059 (45.0)	712 (43.6)
Most deprived quintile*, n (%)	996 (21.7)	426 (18.1)	296 (18.1)
Smoking, n (%)			
Current	960 (20.9)	429 (18.2)	275 (16.8)
Ex	2855 (62.2)	1440 (61.2)	1081 (66.2)
Non	585 (12.8)	339 (14.4)	253 (15.5)
Missing	188 (4.1)	144 (6.1)	25 (1.5)
Systolic blood pressure mmHg, mean (SD) †	145 (15.7)	147 (16.4)	146 (15.4)
Missing, n (%)	107 (2.3)	64 (2.7)	15 (0.9)
Use of blood pressure lowering drugs, n (%)	2958 (64.5)	1546 (65.7)	1149 (70.3)
Total serum cholesterol mmol/L, mean (SD) †	5.3 (0.9)	5.3 (0.9)	5.3 (0.9)
Missing, n (%)	1267 (27.6)	735 (31.3)	371 (22.7)
HDL cholesterol mmol/L, mean (SD) †	1.3 (0.3)	1.3 (0.3)	1.4 (0.3)
Missing, n (%)	2000 (43.6)	1052 (44.7)	643 (39.4)
Use of lipid lowering medications, n (%)	1866 (40.7)	888 (37.8)	726 (44.4)
Framingham hard coronary disease risk score, n (%) ‡			
<10%	395 (8.6)	163 (6.9)	141 (8.6)
10-20%	1347 (29.4)	714 (30.4)	511 (31.3)
>20%	836 (18.2)	420 (17.9)	335 (20.5)
Missing	2010 (43.8)	1055 (44.9)	647 (39.6)
Diabetes, n (%)	959 (20.9)	485 (20.6)	376 (23.0)
Charlson index, mean (SD)	2.9 (1.8)	2.6 (1.7)	2.7 (1.7)
Primary care consultation rate per year, median (IQR)	4.3 (1.9-9.2)	4.3 (1.8-8.9)	4.4 (2.0-9.3)

Abbreviations: CPRD, Clinical Practice Research Datalink; HDL, high density lipoprotein; HES, Hospital Episode Statistics; IQR, inter-quartile range; MINAP, Myocardial Ischaemia National Audit Project; SD, standard deviation.

\* social deprivation was assessed by the index of multiple deprivation

† mean of measurements before the date of myocardial infarction

‡ based on patients with complete data for blood pressure and cholesterol