Rapsomaniki, Prognostic models for stable coronary artery disease based on electronic health record cohort of 102,023 patients

eTable3 Age and sex adjusted hazard ratios (95% CI) for all-cause mortality by CAD subtype for all candidate predictors.

	Stable angina	Other CHD	Stable after	Stable after STEMI	Stable after NSTEMI
SOCIODEMOGRAPHIC CHARACTERISTICS					
Age in men, per year	1.08 (1.08-1.09)	1.09 (1.08-1.09)	1.08 (1.08-1.09)	1.09 (1.08-1.10)	1.08 (1.08-1.09)
Age in women, per year	1.10 (1.10-1.10)	1.09 (1.09-1.10)	1.09 (1.09-1.10)	1.07 (1.05-1.08)	1.07 (1.06-1.08)
Women vs. men	0.24 (0.17-0.35)	0.52 (0.31-0.85)	0.30 (0.16-0.55)	3.89 (0.98-15.4)	1.70 (0.68-4.24)
Ethnicity: Black vs. White	1.04 (0.80-1.34)	1.07 (0.73-1.59)	0.74 (0.43-1.26)	2.52 (0.79-7.99)	0.99 (0.37-2.62)
Ethnicity: South Asian vs. White	0.89 (0.73-1.09)	0.84 (0.62-1.14)	0.65 (0.43-0.98)	1.00 (0.41-2.45)	0.97 (0.59-1.59)
Ethnicity: Other vs. White	1.04 (0.87-1.26)	0.98 (0.71-1.36)	0.72 (0.51-1.03)	1.01 (0.48-2.13)	0.70 (0.37-1.35)
Most deprived quintile, yes vs. no	1.39 (1.32-1.46)	1.26 (1.18-1.35)	1.29 (1.18-1.41)	1.37 (1.10-1.70)	1.29 (1.13-1.46)
CAD DIAGNOSIS & SEVERITY					
PCI in last 6 months	0.42 (0.30-0.59)	0.68 (0.59-0.79)	0.62 (0.51-0.74)	0.63 (0.51-0.78)	0.45 (0.38-0.54)
CABG in last 6 months	0.57 (0.47-0.69)	0.64 (0.52-0.79)	0.56 (0.44-0.71)	0.81 (0.51-1.27)	0.46 (0.35-0.60)
Previous or recurrent MI, yes vs. no	1.25 (1.02-1.54)	1.23 (1.17-1.30)	1.33 (1.23-1.44)	1.32 (1.09-1.59)	1.29 (1.16-1.43)
Use of long-acting nitrates, yes vs. no	1.39 (1.33-1.46)	1.39 (1.32-1.47)	1.36 (1.26-1.46)	1.22 (1.00-1.49)	1.36 (1.23-1.51)
CVD RISK FACTORS					
Current smoker vs. never	1.38 (1.27-1.51)	1.30 (1.21-1.41)	1.30 (1.17-1.44)	1.90 (1.47-2.46)	1.41 (1.18-1.70)
Ex-smoker vs. never	1.19 (1.10-1.30)	1.17 (1.07-1.27)	1.19 (1.08-1.31)	1.35 (1.08-1.69)	1.17 (1.02-1.34)
Hypertension	1.20 (1.13-1.26)	1.12 (1.04-1.21)	1.30 (1.17-1.44)	1.32 (1.08-1.61)	1.73 (1.49-2.01)
Diabetes mellitus, yes vs. no	1.54 (1.45-1.63)	1.48 (1.38-1.59)	1.59 (1.46-1.74)	1.68 (1.36-2.08)	1.45 (1.30-1.63)
Total cholesterol, per 1 mmol/L increase	0.98 (0.95-1.02)	1.00 (0.96-1.03)	1.00 (0.95-1.05)	1.02 (0.92-1.14)	1.01 (0.95-1.08)
HDL, per 0.5mmol/L increase	0.95 (0.91-0.99)	0.94 (0.90-0.98)	0.91 (0.85-0.96)	0.95 (0.81-1.11)	0.97 (0.89-1.06)
Family history of CHD	0.76 (0.71-0.81)	0.79 (0.74-0.85)	0.82 (0.75-0.90)	0.87 (0.69-1.10)	0.88 (0.76-1.01)
BMI < 18.5 kg/m^2 vs. 25 kg/m^2	1.53 (1.42-1.64)	1.43 (1.29-1.58)	1.26 (1.12-1.43)	1.16 (0.84-1.60)	1.28 (1.07-1.53)
BMI 18.5 to 24 kg/m^2 vs. 25 kg/m^2	1.12 (1.09-1.15)	1.09 (1.06-1.12)	1.06 (1.02-1.10)	1.03 (0.94-1.13)	1.06 (1.01-1.12)
BMI 26 to 29 kg/m^2 vs. 25 kg/m^2	0.95 (0.93-0.96)	0.96 (0.94-0.97)	0.98 (0.96-1.00)	0.99 (0.94-1.04)	0.97 (0.95-1.00)
BMI 30 to 34 kg/m^2 vs. 25 kg/m^2	1.04 (1.01-1.07)	1.05 (1.01-1.09)	1.08 (1.02-1.13)	1.09 (0.96-1.24)	1.07 (1.00-1.15)
BMI ≥35 kg/m^2 vs. 25 kg/m^2	1.41 (1.31-1.51)	1.35 (1.23-1.48)	1.39 (1.23-1.57)	1.36 (0.99-1.87)	1.37 (1.15-1.63)
CVD CO-MORBIDITIES					
Heart failure, yes vs. no	2.26 (2.16-2.36)	2.03 (1.91-2.14)	1.94 (1.80-2.09)	2.19 (1.80-2.66)	2.42 (2.17-2.69)
Peripheral arterial disease, yes vs. no	1.66 (1.55-1.78)	1.60 (1.48-1.72)	1.61 (1.46-1.77)	1.79 (1.40-2.30)	1.65 (1.46-1.87)
Atrial fibrillation, yes vs. no	1.57 (1.49-1.65)	1.51 (1.41-1.61)	1.44 (1.33-1.57)	1.67 (1.35-2.06)	1.51 (1.36-1.68)
Hist. of stroke, yes vs. no	1.63 (1.54-1.73)	1.59 (1.48-1.72)	1.64 (1.50-1.80)	1.77 (1.37-2.29)	1.51 (1.33-1.71)
NON-CVD COMORBIDITIES					
Chronic kidney disease, yes vs. no	1.84 (1.69-2.01)	1.99 (1.78-2.22)	1.87 (1.64-2.12)	1.30 (0.99-1.71)	1.69 (1.49-1.92)
COPD, yes vs. no	1.47 (1.40-1.55)	1.44 (1.36-1.54)	1.39 (1.29-1.50)	1.62 (1.34-1.97)	1.51 (1.36-1.69)
Hist. of cancer, yes vs. no	1.53 (1.43-1.62)	1.42 (1.31-1.54)	1.43 (1.29-1.58)	1.88 (1.50-2.36)	1.54 (1.35-1.75)
Chronic liver disease, yes vs. no	2.24 (1.85-2.71)	2.45 (1.88-3.20)	2.41 (1.87-3.12)	2.96 (1.74-5.05)	2.31 (1.63-3.29)
Rheumatoid arthritis, yes vs. no	1.10 (1.01-1.21)	1.09 (0.97-1.23)	1.06 (0.91-1.22)	1.11 (0.80-1.55)	1.02 (0.85-1.22)
Hyperthyroidism, yes vs. no	1.28 (1.11-1.47)	1.16 (0.96-1.40)	1.45 (1.18-1.79)	0.75 (0.35-1.59)	1.10 (0.79-1.53)
Hypothyroidism, yes vs. no	1.04 (0.95-1.13)	1.06 (0.95-1.18)	1.00 (0.87-1.14)	1.14 (0.82-1.58)	1.28 (1.09-1.50)
PSYCHOSOCIAL CHARACTERISTICS					
Anxiety, yes vs. no	1.40 (1.30-1.50)	1.39 (1.26-1.53)	1.21 (1.07-1.37)	1.59 (1.18-2.14)	1.41 (1.19-1.66)
Depression, yes vs. no	1.46 (1.38-1.55)	1.44 (1.33-1.55)	1.44 (1.31-1.58)	1.46 (1.17-1.84)	1.53 (1.35-1.74)
BIOMARKERS					
Heart rate, per 10 beats/min increase	1.26 (1.22-1.30)	1.25 (1.22-1.29)	1.24 (1.18-1.30)	1.37 (1.24-1.52)	1.26 (1.18-1.36)
Creatinine, per 30 μmol/L increase	1.20 (1.17-1.23)	1.19 (1.16-1.22)	1.19 (1.15-1.23)	1.34 (1.24-1.44)	1.23 (1.19-1.27)
White cell count, per 1.5 109/L increase	1.19 (1.16-1.21)	1.16 (1.13-1.19)	1.17 (1.13-1.21)	1.23 (1.14-1.32)	1.19 (1.14-1.24)
Haemoglobin, per 1.5 g/dL increase	0.69 (0.65-0.74)	0.71 (0.67-0.75)	0.70 (0.64-0.76)	0.68 (0.62-0.75)	0.67 (0.60-0.74)
lnGGT, per 1 SD increase, units/L	1.35 (1.28-1.43)	1.33 (1.24-1.43)	1.38 (1.28-1.49)	1.37 (1.11-1.70)	1.37 (1.24-1.53)
HbA1c, per 1 SD increase, %	1.17 (1.14-1.20)	1.16 (1.12-1.20)	1.21 (1.16-1.26)	1.23 (1.10-1.38)	1.20 (1.11-1.31)

Abbreviations: BMI, body mass index; CABG, coronary artery bypass graft; CAD, coronary artery disease; CHD, coronary heart disease; COPD, chronic obstructive pulmonary disease; GGT, gamma-glutamyl transferase; HDL, high-density lipoprotein cholesterol; MI, myocardial infarction; NSTEMI, non-ST-segment elevation myocardial infarction; PCI, percutaneous coronary intervention; SD, standard deviation; STEMI, ST-segment elevation myocardial infarction.