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

eTable5 Hazard ratios (95% confidence intervals) for all-cause mortality and non-fatal MI or coronary death adjusted for age and sex or adjusted for all covariates shown in this table (fully adjusted).

	All-cause mortality		Non-fatal MI or coronary death	
	Age & sex adj.	Fully adjusted	Age & sex adj.	Fully adjusted
SOCIODEMOGRAPHIC CHARACTERISTICS				
Age in men, per year	1.09 (1.08-1.09)	1.05 (1.05-1.05)	1.06 (1.06-1.06)	1.04 (1.04-1.04)
Age in women, per year	1.09 (1.09-1.10)	1.06 (1.06-1.06)	1.07 (1.07-1.08)	1.06 (1.05-1.06)
Women vs. men	0.39 (0.31-0.49)	0.31 (0.25-0.39)	0.21 (0.15-0.29)	0.18 (0.13-0.26)
Ethnicity: Black vs. White	1.01 (0.84-1.21)	0.84 (0.69-1.01)	0.66 (0.47-0.93)	0.60 (0.43-0.83)
Ethnicity: Other vs. White	0.94 (0.80-1.11)	0.95 (0.81-1.11)	1.05 (0.87-1.26)	1.15 (0.95-1.39)
Ethnicity: South Asian vs. White	0.84 (0.72-0.98)	0.76 (0.66-0.89)	1.26 (1.06-1.49)	1.12 (0.95-1.33)
Most deprived quintile, yes vs. no	1.33 (1.29-1.38)	1.14 (1.10-1.18)	1.31 (1.24-1.38)	1.11 (1.06-1.18)
CAD DIAGNOSIS & SEVERITY				
Other CHD vs. stable angina	1.11 (1.07-1.15)	1.10 (1.05-1.15)	1.52 (1.43-1.61)	1.19 (1.12-1.28)
Unstable angina vs. stable angina	1.20 (1.15-1.26)	1.10 (1.05-1.15)	1.72 (1.61-1.84)	1.34 (1.24-1.43)
NSTEMI vs. stable angina	1.55 (1.49-1.62)	1.52 (1.45-1.59)	2.93 (2.75-3.12)	2.45 (2.29-2.62)
STEMI vs. stable angina	0.93 (0.86-1.00)	1.34 (1.23-1.45)	1.66 (1.50-1.84)	2.01 (1.81-2.23)
PCI in last 6 months	0.67 (0.63-0.72)	0.68 (0.63-0.73)	0.89 (0.82-0.97)	0.70 (0.64-0.77)
CABG in last 6 months	0.64 (0.59-0.70)	0.56 (0.52-0.62)	0.60 (0.53-0.69)	0.43 (0.37-0.49)
Previous or recurrent MI, yes vs. no	1.28 (1.24-1.32)	1.15 (1.10-1.20)	1.84 (1.76-1.93)	1.39 (1.32-1.47)
Use of long-acting nitrates, yes vs. no	1.39 (1.35-1.43)	1.18 (1.14-1.22)	1.73 (1.66-1.81)	1.40 (1.34-1.47)
CVD RISK FACTORS				
Current smoker vs. never	1.33 (1.27-1.38)	1.24 (1.17-1.30)	1.32 (1.23-1.41)	1.18 (1.09-1.28)
Ex-smoker vs. never	1.19 (1.14-1.24)	1.13 (1.08-1.18)	1.19 (1.10-1.28)	1.09 (1.00-1.19)
Hypertension	1.22 (1.18-1.27)	1.04 (0.99-1.11)	1.35 (1.27-1.43)	1.01 (0.91-1.11)
Diabetes mellitus, yes vs. no	1.57 (1.52-1.63)	1.17 (1.10-1.24)	1.84 (1.76-1.94)	1.24 (1.14-1.35)
Total cholesterol, per 1 SD increase, mmol/L	0.97 (0.95-1.00)	0.99 (0.95-1.02)	0.98 (0.95-1.01)	1.05 (1.02-1.09)
HDL, per 1 SD increase, mmol/L	0.93 (0.91-0.96)	0.98 (0.97-1.00)	0.84 (0.81-0.87)	0.92 (0.89-0.95)
Family history of CHD	0.81 (0.78-0.84)	0.84 (0.81-0.87)	1.00 (0.95-1.05)	0.94 (0.89-1.00)
BMI < 18.5 kg/m^2 vs. 25 kg/m^2	1.42 (1.35-1.49)	1.62 (1.54-1.70)	1.00 (0.92-1.08)	1.24 (1.14-1.34)
BMI 18.5 to 24 kg/m^2 vs. 25 kg/m^2	1.09 (1.08-1.11)	1.14 (1.12-1.16)	0.99 (0.97-1.01)	1.06 (1.03-1.08)
BMI 26 to 29 kg/m^2 vs. 25 kg/m^2	0.96 (0.95-0.97)	0.92 (0.91-0.92)	1.02 (1.01-1.03)	0.96 (0.95-0.97)
BMI 30 to 34 kg/m^2 vs. 25 kg/m^2	1.06 (1.04-1.08)	0.93 (0.91-0.94)	1.14 (1.11-1.17)	0.96 (0.93-0.99)
BMI ≥35 kg/m^2 vs. 25 kg/m^2	1.41 (1.35-1.48)	1.06 (1.01-1.11)	1.41 (1.32-1.51)	1.01 (0.94-1.09)
CVD CO-MORBIDITIES				
Heart failure, yes vs. no	2.15 (2.09-2.21)	1.49 (1.44-1.54)	2.25 (2.16-2.35)	1.55 (1.47-1.63)
Peripheral arterial disease, yes vs. no	1.68 (1.62-1.75)	1.30 (1.24-1.36)	1.93 (1.82-2.05)	1.42 (1.34-1.51)
Atrial fibrillation, yes vs. no	1.55 (1.50-1.60)	1.18 (1.14-1.23)	1.45 (1.38-1.52)	1.16 (1.10-1.22)
Hist. of stroke, yes vs. no	1.64 (1.58-1.70)	1.32 (1.26-1.37)	1.52 (1.44-1.61)	1.19 (1.11-1.26)
NON-CVD COMORBIDITIES				
Chronic kidney disease, yes vs. no	1.89 (1.80-1.99)	1.12 (1.06-1.19)	1.95 (1.81-2.10)	1.17 (1.08-1.27)
COPD, yes vs. no	1.47 (1.42-1.51)	1.16 (1.12-1.19)	1.34 (1.28-1.41)	1.09 (1.03-1.14)
Hist. of cancer, yes vs. no	1.49 (1.44-1.55)	1.38 (1.33-1.43)	1.01 (0.94-1.08)	0.95 (0.89-1.02)
Chronic liver disease, yes vs. no	2.25 (2.00-2.53)	1.35 (1.20-1.53)	1.55 (1.26-1.90)	1.06 (0.86-1.31)
Rheumatoid arthritis, yes vs. no	1.11 (1.05-1.17)	0.95 (0.90-1.01)	1.17 (1.07-1.28)	0.98 (0.90-1.07)
Hyperthyroidism, yes vs. no	1.24 (1.14-1.36)	1.07 (0.98-1.17)	1.23 (1.07-1.42)	1.05 (0.91-1.22)
Hypothyroidism, yes vs. no	1.08 (1.02-1.13)	0.96 (0.91-1.01)	1.12 (1.03-1.21)	0.97 (0.89-1.05)
PSYCHOSOCIAL CHARACTERISTICS				
Anxiety, yes vs. no	1.37 (1.31-1.44)	1.14 (1.08-1.19)	1.14 (1.05-1.23)	1.02 (0.94-1.10)
Depression, yes vs. no	1.48 (1.43-1.54)	1.09 (1.05-1.14)	1.28 (1.21-1.35)	1.02 (0.95-1.09)
BIOMARKERS				
Heart rate, per 1 SD increase, beats/min	1.25 (1.23-1.27)	1.10 (1.08-1.12)	1.16 (1.09-1.23)	1.08 (1.03-1.14)
Creatinine, per 1SD increase, µmol/L	1.21 (1.19-1.22)	1.07 (1.06-1.08)	1.24 (1.21-1.26)	1.09 (1.06-1.11)
White cell count, per 1 SD increase, 10^9/L	1.22 (1.20-1.24)	1.13 (1.11-1.15)	1.22 (1.19-1.25)	1.11 (1.08-1.14)
Haemoglobin, per 1 SD increase, g/dL	0.66 (0.65-0.67)	0.75 (0.73-0.76)	0.72 (0.69-0.74)	0.80 (0.77-0.82)
lnGGT, per 1 SD increase, units/L	1.36 (1.30-1.42)	1.23 (1.19-1.27)	1.25 (1.11-1.40)	1.13 (1.00-1.27)
HbA1c, per 1 SD increase, %	1.18 (1.16-1.21)	1.08 (1.04-1.11)	1.26 (1.22-1.31)	1.11 (1.06-1.16)

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.