

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

eTable4 Age and sex adjusted HRs (95% CI) for non-fatal MI or coronary death by CAD subtype for all candidate predictors.

	Stable angina	Other CHD	Stable after unstable angina	Stable after STEMI	Stable after NSTEMI
<i>SOCIODEMOGRAPHIC CHARACTERISTICS</i>					
Age in men, per year	1.06 (1.05-1.07)	1.06 (1.05-1.06)	1.06 (1.05-1.07)	1.04 (1.03-1.05)	1.06 (1.05-1.07)
Age in women, per year	1.08 (1.07-1.08)	1.07 (1.06-1.08)	1.08 (1.07-1.09)	1.03 (1.01-1.05)	1.05 (1.04-1.06)
Women vs. men	0.15 (0.08-0.28)	0.26 (0.12-0.56)	0.19 (0.08-0.44)	1.59 (0.40-6.25)	2.32 (0.84-6.41)
Ethnicity: Black vs. White	0.56 (0.28-1.09)	1.11 (0.63-1.97)	0.46 (0.17-1.20)	0.92 (0.66-1.91)	0.82 (0.26-2.61)
Ethnicity: South Asian vs. White	1.28 (0.96-1.70)	1.27 (0.94-1.71)	1.16 (0.78-1.72)	1.66 (0.86-3.22)	1.43 (0.90-2.27)
Ethnicity: Other vs. White	1.03 (0.73-1.46)	1.10 (0.77-1.57)	1.04 (0.65-1.67)	1.16 (0.51-2.61)	0.99 (0.54-1.84)
Most deprived quintile, yes vs. no	1.38 (1.26-1.51)	1.26 (1.14-1.40)	1.21 (1.07-1.38)	1.14 (0.89-1.47)	1.29 (1.11-1.51)
<i>CAD DIAGNOSIS & SEVERITY</i>					
PCI in last 6 months	0.51 (0.31-0.83)	0.58 (0.47-0.72)	0.78 (0.62-0.99)	0.69 (0.55-0.86)	0.49 (0.40-0.60)
CABG in last 6 months	0.63 (0.48-0.84)	0.52 (0.38-0.72)	0.61 (0.44-0.84)	0.55 (0.31-0.96)	0.33 (0.23-0.48)
Previous or recurrent MI, yes vs. no	2.41 (1.84-3.15)	1.46 (1.34-1.58)	1.99 (1.78-2.22)	1.65 (1.34-2.03)	1.64 (1.45-1.86)
Use of long-acting nitrates, yes vs. no	1.57 (1.45-1.71)	1.64 (1.51-1.78)	1.81 (1.62-2.02)	1.50 (1.20-1.87)	1.96 (1.73-2.22)
<i>CVD RISK FACTORS</i>					
Current smoker vs. never	1.50 (1.34-1.68)	1.26 (1.12-1.43)	1.39 (1.16-1.65)	1.63 (1.24-2.14)	1.21 (0.99-1.48)
Ex-smoker vs. never	1.24 (1.10-1.40)	1.06 (0.93-1.19)	1.30 (1.07-1.58)	1.26 (0.97-1.65)	1.15 (0.99-1.33)
Hypertension	1.26 (1.13-1.40)	1.40 (1.23-1.59)	1.57 (1.34-1.84)	1.27 (1.02-1.58)	2.31 (1.90-2.80)
Diabetes mellitus, yes vs. no	1.73 (1.57-1.90)	1.60 (1.45-1.77)	1.87 (1.65-2.13)	1.82 (1.44-2.30)	1.87 (1.63-2.13)
Total cholesterol, per 1 mmol/L increase	1.06 (1.02-1.10)	1.07 (1.01-1.13)	1.02 (0.96-1.10)	1.08 (0.96-1.21)	1.06 (0.99-1.14)
HDL, per 0.5mmol/L increase	0.84 (0.79-0.89)	0.84 (0.79-0.90)	0.76 (0.68-0.84)	0.98 (0.81-1.18)	0.86 (0.77-0.96)
Family history of CHD	0.93 (0.84-1.04)	0.91 (0.83-1.01)	0.94 (0.82-1.07)	1.02 (0.80-1.30)	1.11 (0.95-1.30)
BMI < 18.5 kg/m ² vs. 25 kg/m ²	1.20 (1.05-1.38)	1.02 (0.87-1.21)	0.94 (0.77-1.15)	0.97 (0.66-1.44)	0.81 (0.64-1.04)
BMI 18.5 to 24 kg/m ² vs. 25 kg/m ²	1.05 (1.00-1.09)	1.00 (0.95-1.05)	0.97 (0.91-1.04)	0.98 (0.88-1.10)	0.94 (0.87-1.01)
BMI 26 to 29 kg/m ² vs. 25 kg/m ²	0.99 (0.97-1.01)	1.01 (0.99-1.04)	1.03 (1.00-1.07)	1.05 (0.98-1.12)	1.07 (1.03-1.11)
BMI 30 to 34 kg/m ² vs. 25 kg/m ²	1.09 (1.04-1.15)	1.09 (1.03-1.16)	1.14 (1.06-1.22)	1.27 (1.12-1.44)	1.22 (1.12-1.32)
BMI ≥35 kg/m ² vs. 25 kg/m ²	1.40 (1.24-1.58)	1.28 (1.11-1.47)	1.36 (1.15-1.63)	1.83 (1.40-2.41)	1.50 (1.23-1.83)
<i>CVD CO-MORBIDITIES</i>					
Heart failure, yes vs. no	2.16 (1.99-2.35)	1.95 (1.79-2.13)	2.28 (2.04-2.56)	2.55 (2.03-3.21)	2.57 (2.25-2.94)
Peripheral arterial disease, yes vs. no	1.35 (1.23-1.48)	1.40 (1.26-1.56)	1.30 (1.15-1.48)	1.85 (1.44-2.37)	1.28 (1.12-1.47)
Atrial fibrillation, yes vs. no	1.44 (1.28-1.61)	1.55 (1.38-1.74)	1.48 (1.29-1.71)	1.39 (0.98-1.95)	1.44 (1.23-1.68)
Hist. of stroke, yes vs. no	1.89 (1.68-2.13)	1.66 (1.48-1.86)	1.93 (1.68-2.21)	1.75 (1.31-2.34)	1.82 (1.57-2.12)
<i>NON-CVD COMORBIDITIES</i>					
Chronic kidney disease, yes vs. no	1.60 (1.37-1.87)	2.01 (1.71-2.37)	1.78 (1.47-2.16)	1.54 (1.13-2.11)	1.65 (1.42-1.92)
COPD, yes vs. no	1.30 (1.19-1.42)	1.34 (1.22-1.47)	1.30 (1.16-1.46)	1.39 (1.10-1.74)	1.42 (1.24-1.62)
Hist. of cancer, yes vs. no	1.01 (0.89-1.15)	0.92 (0.79-1.06)	0.90 (0.75-1.08)	0.85 (0.60-1.22)	1.26 (1.07-1.50)
Chronic liver disease, yes vs. no	1.18 (0.76-1.83)	1.50 (0.91-2.45)	2.06 (1.37-3.09)	1.37 (0.56-3.32)	1.40 (0.84-2.33)
Rheumatoid arthritis, yes vs. no	1.31 (1.12-1.54)	1.08 (0.89-1.30)	1.06 (0.85-1.32)	1.02 (0.66-1.56)	0.89 (0.70-1.13)
Hyperthyroidism, yes vs. no	1.43 (1.12-1.83)	1.02 (0.75-1.39)	1.28 (0.91-1.80)	0.96 (0.42-2.16)	0.99 (0.65-1.50)
Hypothyroidism, yes vs. no	1.03 (0.89-1.21)	1.03 (0.87-1.21)	0.99 (0.81-1.22)	1.08 (0.72-1.62)	1.28 (1.05-1.56)
<i>PSYCHOSOCIAL CHARACTERISTICS</i>					
Anxiety, yes vs. no	1.10 (0.95-1.27)	1.16 (0.98-1.36)	1.10 (0.91-1.34)	1.27 (0.88-1.83)	1.14 (0.92-1.42)
Depression, yes vs. no	1.20 (1.08-1.33)	1.19 (1.06-1.35)	1.22 (1.05-1.40)	1.53 (1.19-1.97)	1.21 (1.03-1.43)
<i>BIOMARKERS</i>					
Heart rate, per 10 beats/min increase	1.18 (1.09-1.28)	1.21 (1.11-1.31)	1.16 (1.02-1.31)	1.26 (1.13-1.40)	1.19 (1.08-1.31)
Creatinine, per 30 μmol/L increase	1.21 (1.17-1.26)	1.20 (1.16-1.25)	1.22 (1.16-1.28)	1.29 (1.17-1.41)	1.24 (1.18-1.30)
White cell count, per 1.5 10 ⁹ /L increase	1.18 (1.14-1.22)	1.14 (1.10-1.19)	1.18 (1.13-1.24)	1.16 (1.07-1.26)	1.16 (1.10-1.22)
Haemoglobin, per 1.5 g/dL increase	0.76 (0.72-0.80)	0.76 (0.72-0.80)	0.78 (0.73-0.84)	0.82 (0.73-0.91)	0.77 (0.71-0.84)
lnGGT, per 1 SD increase, units/L	1.21 (1.06-1.38)	1.23 (1.03-1.46)	1.33 (1.18-1.52)	1.19 (0.96-1.49)	1.24 (1.05-1.46)
HbA1c, per 1 SD increase, %	1.27 (1.22-1.33)	1.23 (1.16-1.31)	1.29 (1.21-1.39)	1.21 (1.07-1.36)	1.26 (1.18-1.35)

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.