

SUPPLEMENTARY MATERIAL**Supplementary Table 1.** Univariate associations of EQ-5D index score by patient characteristics

	N	EQ-5D index score, mean (SD)	P-value	EQ-5D VAS score, mean (SD)	P-value
Age (years)					
50-60	2004	0.86 (0.21)	<0.001	76.50 (17.57)	<0.001
60-70	3442	0.86 (0.20)		77.22 (16.50)	
70-80	2885	0.83 (0.21)		75.09 (16.62)	
80+	647	0.77 (0.23)		72.42 (17.89)	
Sex					
Male	6827	0.87 (0.19)	<0.001	76.84 (16.42)	<0.001
Female	2151	0.77 (0.25)		73.45 (18.24)	
Time since index MI (months)					
12-18	3058	0.84 (0.21)	0.21	75.98 (16.93)	0.64
18-24	2245	0.84 (0.21)		76.07 (16.82)	
24-30	2040	0.85 (0.20)		75.74 (17.64)	
30-36	1635	0.84 (0.21)		76.42 (16.21)	
BMI (kg/m²)					
<20	263	0.84 (0.21)	<0.001	75.10 (15.44)	<0.001
20-24.9	2585	0.87 (0.19)		77.32 (15.80)	
25-29.9	3785	0.86 (0.19)		77.08 (16.48)	
30+	2096	0.78 (0.25)		73.06 (18.34)	
SBP (mmHg)					
<120	1853	0.85 (0.20)	<0.001	76.01 (17.42)	0.02
120-140	4097	0.85 (0.21)		76.68 (16.70)	
140-160	2130	0.83 (0.22)		75.41 (16.94)	
160+	703	0.83 (0.21)		74.76 (16.65)	
DBP (mmHg)					
<60	1052	0.83 (0.21)	0.85	74.28 (18.54)	0.89
65-74	2680	0.85 (0.21)		76.83 (16.60)	
75-84	3170	0.85 (0.21)		76.50 (16.38)	
85-94	1452	0.84 (0.21)		75.52 (16.99)	
95+	421	0.83 (0.24)		74.64 (17.99)	
Heart rate (bpm)					
<60	1606	0.85 (0.21)	<0.001	76.68 (17.61)	<0.001
60-69	3233	0.85 (0.21)		76.80 (16.47)	
70-79	2493	0.84 (0.21)		76.09 (16.35)	
80-89	1004	0.82 (0.23)		74.50 (17.75)	
90+	330	0.81 (0.22)		71.59 (19.28)	
Smoking status					
Never	3378	0.84 (0.21)	0.71	76.21 (17.01)	0.04
Former	4351	0.85 (0.21)		76.26 (16.79)	
Current	1247	0.84 (0.22)		74.73 (17.22)	
Years in education					
No formal education	355	0.79 (0.24)	<0.001	72.58 (19.48)	<0.001
1-9	2692	0.82 (0.22)		75.66 (16.74)	
10-12	2805	0.84 (0.22)		75.38 (17.27)	
13-15	1568	0.86 (0.19)		76.97 (16.12)	
16+	1453	0.89 (0.18)		77.87 (16.45)	
Cohabitation					
Living alone	1206	0.81 (0.23)	<0.001	74.05 (16.99)	<0.001
Not living alone	7680	0.85 (0.21)		76.37 (16.88)	
Type of index MI					
STEMI	4699	0.86 (0.20)	<0.001	76.83 (16.49)	<0.001
NSTEMI	3749	0.82 (0.22)		74.74 (17.59)	
Unknown	530	0.84 (0.21)		78.09 (15.43)	
Management of index MI					

	N	EQ-5D index score, mean (SD)	P-value	EQ-5D VAS score, mean (SD)	P-value
PCI	7243	0.85 (0.21)	0.01	76.45 (16.66)	0.65
CABG	664	0.83 (0.22)		76.76 (16.01)	
Medical	1071	0.80 (0.22)		72.73 (18.90)	
Multi-vessel disease					
No	3071	0.84 (0.21)	0.11	76.43 (16.99)	0.11
Yes	5907	0.85 (0.21)		75.82 (16.90)	
Second prior MI					
No	8057	0.85 (0.21)	<0.001	76.46 (16.66)	<0.001
Yes	921	0.81 (0.23)		72.28 (18.74)	
Diabetes					
No diabetes	5978	0.86 (0.20)	<0.001	76.95 (16.36)	<0.001
Non-insulin-treated diabetes	2078	0.84 (0.21)		75.38 (17.34)	
Insulin-treated diabetes	863	0.77 (0.26)		71.50 (18.66)	
CKD					
No	8291	0.85 (0.21)	<0.001	76.46 (16.69)	<0.001
Yes	687	0.78 (0.25)		70.87 (18.92)	
History of major bleed					
No	8725	0.85 (0.21)	<0.001	76.08 (16.96)	0.11
Yes	253	0.78 (0.26)		74.35 (16.17)	
PAD					
No	8379	0.85 (0.20)	<0.001	76.48 (16.66)	<0.001
Yes	599	0.75 (0.25)		69.64 (19.31)	
CHF					
No	7947	0.85 (0.20)	<0.001	76.79 (16.44)	<0.001
Yes	1031	0.77 (0.26)		70.17 (19.40)	
Chronic anaemia					
No	8721	0.85 (0.21)	<0.001	76.22 (16.81)	<0.001
Yes	257	0.73 (0.26)		69.55 (19.61)	
Angina					
No	8086	0.85 (0.20)	<0.001	76.70 (16.51)	<0.001
Yes	892	0.76 (0.24)		69.92 (19.32)	
Cerebrovascular revascularisation					
No	8891	0.84 (0.21)	0.03	76.09 (16.91)	<0.001
Yes	87	0.80 (0.23)		70.01 (18.66)	
Atrial fibrillation					
No	8253	0.85 (0.21)	<0.001	76.39 (16.83)	<0.001
Yes	725	0.79 (0.24)		71.90 (17.54)	
Pacemaker					
No	8778	0.85 (0.21)	<0.001	76.21 (16.79)	<0.001
Yes	200	0.77 (0.26)		67.98 (21.06)	
Valve replacement/repair					
No	8880	0.84 (0.21)	0.91	76.05 (16.93)	0.26
Yes	98	0.84 (0.18)		74.12 (17.27)	
Implantable cardioverter defibrillator					
No	8785	0.84 (0.21)	0.005	76.16 (16.89)	<0.001
Yes	193	0.80 (0.22)		70.20 (17.84)	
Stroke					
No	8576	0.85 (0.21)		76.25 (16.79)	<0.001
Yes	402	0.76 (0.25)	<0.001	71.36 (19.24)	
TIA					
No	8787	0.84 (0.21)	0.004	76.13 (16.91)	<0.001
Yes	191	0.80 (0.19)		71.55 (17.37)	
Venous thromboembolism					
No	8830	0.84 (0.21)	<0.001	76.08 (16.91)	0.03
Yes	148	0.78 (0.24)		73.00 (18.07)	
Cancer					
No	8370	0.85 (0.21)	<0.001	76.12 (16.86)	0.07
Yes	608	0.81 (0.22)		74.83 (17.93)	
COPD					
No	8335	0.85 (0.21)	<0.001	76.44 (16.77)	<0.001

	N	EQ-5D index score, mean (SD)	P-value	EQ-5D VAS score, mean (SD)	P-value
Yes	643	0.77 (0.24)		70.66 (18.14)	
Oesophageal varices					
No	8962	0.84 (0.21)	0.22	76.02 (16.94)	0.25
Yes	16	0.78 (0.31)		80.88 (11.44)	
Liver disease					
No	8945	0.84 (0.21)	<0.001	76.04 (16.94)	0.42
Yes	33	0.73 (0.31)		73.67 (14.79)	
Peptic ulcer					
No	8684	0.85 (0.21)	<0.001	76.21 (16.83)	<0.001
Yes	294	0.78 (0.26)		70.58 (19.08)	
Cardiovascular event (last 6 months)					
No	8544	0.85 (0.21)	<0.001	76.41 (16.63)	<0.001
Yes	434	0.79 (0.23)		68.53 (20.77)	
Bleeding event requiring overnight hospital stay (last 6 months)					
No	8911	0.84 (0.21)	0.04	76.04 (16.95)	0.67
Yes	67	0.79 (0.26)		75.15 (14.68)	
Surgery (last 6 months)					
No	8913	0.84 (0.21)	<0.001	76.1 (16.9)	<0.001
Yes	65	0.74 (0.28)		69.5 (18.1)	
Visit to cardiologist (last 6 months)					
No	6112	0.84 (0.21)	0.35	76.24 (16.76)	0.09
Yes	2866	0.84 (0.21)		75.59 (17.31)	
ER visit (last 6 months)					
No	8466	0.85 (0.21)	<0.001	76.42 (16.69)	<0.001
Yes	512	0.76 (0.24)		69.58 (19.51)	
GP visit (last 6 months)					
No	7260	0.85 (0.21)	<0.001	76.37 (16.83)	<0.001
Yes	1718	0.82 (0.21)		74.57 (17.30)	
Medications at enrolment					
ACE-i/ARB					
No	2187	0.85 (0.21)	0.31	76.67 (16.26)	0.03
Yes	6674	0.84 (0.21)		75.77 (17.17)	
Beta-blocker					
No	1769	0.86 (0.20)	0.002	76.14 (16.20)	0.73
Yes	7096	0.84 (0.21)		75.98 (17.09)	
Statin/other lipid-lowering drugs					
No	511	0.81 (0.22)	<0.001	73.45 (18.01)	<0.001
Yes	8354	0.85 (0.21)		76.15 (16.88)	
Diuretics					
No	6599	0.86 (0.20)	<0.001	77.28 (16.46)	<0.001
Yes	2258	0.79 (0.24)		72.29 (17.72)	
Anti-depressants					
No	8167	0.86 (0.20)	<0.001	76.58 (16.44)	<0.001
Yes	627	0.70 (0.28)		68.43 (20.48)	
Region					
Asia & Australia	2799	0.89 (0.17)	<0.001	77.64 (14.95)	<0.001
Europe	4098	0.83 (0.22)		73.39 (18.01)	
North America	981	0.82 (0.23)		77.47 (17.38)	
Latin America	1100	0.81 (0.23)		80.49 (15.50)	
Country					
Germany	1045	0.81 (0.23)	0.17	72.30 (17.35)	0.95
Spain	619	0.81 (0.24)		70.38 (20.77)	
Netherlands	592	0.84 (0.20)		76.17 (13.93)	
Italy	373	0.89 (0.17)		72.95 (18.71)	
Romania	342	0.77 (0.22)		68.95 (21.89)	
Denmark	300	0.88 (0.17)		80.76 (14.05)	
UK	265	0.79 (0.25)		75.17 (19.02)	
Belgium	139	0.86 (0.21)		74.43 (12.72)	
Portugal	91	0.79 (0.18)		73.41 (18.65)	
Finland	72	0.83 (0.21)		74.61 (15.36)	

	N	EQ-5D index score, mean (SD)	P-value	EQ-5D VAS score, mean (SD)	P-value
Norway	46	0.87 (0.20)		73.91 (16.15)	
France	37	0.90 (0.18)		74.59 (17.38)	
China	744	0.94 (0.12)		80.22 (10.99)	
Japan	686	0.90 (0.18)		75.88 (16.20)	
India	493	0.88 (0.17)		79.02 (12.87)	
South Korea	479	0.84 (0.19)		76.15 (16.81)	
Australia	397	0.84 (0.19)		75.97 (18.02)	
Turkey	177	0.79 (0.21)		73.82 (17.85)	
USA	736	0.81 (0.23)		77.49 (17.98)	
Canada	245	0.83 (0.22)		77.41 (15.46)	
Argentina	449	0.82 (0.22)		78.35 (14.46)	
Colombia	347	0.82 (0.22)		82.00 (15.76)	
Brazil	114	0.73 (0.28)		83.52 (12.54)	
Venezuela	104	0.83 (0.20)		79.33 (18.36)	
Mexico	86	0.83 (0.20)		82.95 (17.97)	

ACE-i, Angiotensin-converting enzyme inhibitor; ARB, Angiotensin II receptor blocker; BMI, body mass index; CABG, coronary artery bypass grafting; CHF, congestive heart failure; CKD, chronic kidney disease; COPD, chronic obstructive pulmonary disease; DBP, diastolic blood pressure; EQ-ED, EuroQol-5D; ER, emergency room; GP, general practitioner; MI, myocardial infarction; NSTEMI, non-ST-elevation myocardial infarction; PAD, peripheral artery disease; PCI, percutaneous coronary intervention; SBP, systolic blood pressure; SD, standard deviation; STEMI, ST-elevation myocardial infarction; TIA, transient ischaemic attack; VAS, visual analogue scale.

Supplementary Table 2. Multivariable model for factors associated with EQ-5D VAS score

Variable	Effect on EQ-5D VAS score (95% CI)	P-value
Female	-2.64 (-3.47, -1.80)	<0.001
Age (years)		
<70	Reference group	<0.001
70-80	-1.11 (-1.87, -0.35)	
80+	-3.29 (-4.66, -1.92)	
BMI \geq30 kg/m²	-2.72 (-3.55, -1.88)	<0.001
Heart rate (bpm)		
<70	Reference group	<0.001
70-79	-0.59 (-1.38, 0.19)	
80-89	-1.52 (-2.63, -0.42)	
90+	-4.27 (-6.08, -2.45)	
Smoking status		
Never	Reference group	0.002
Former smoker	-0.23 (-1.00, 0.53)	
Current smoker	-1.94 (-3.03, -0.84)	
Years in education		
16+	Reference group	0.03
13-15	-0.20 (-1.36, 0.96)	
10-12	-1.09 (-2.12, -0.06)	
1-9	-0.69 (-1.75, 0.38)	
No formal education	-2.30 (-4.21, -0.39)	
Angina	-4.05 (-5.20, -2.91)	<0.001
Diabetes		
No diabetes	Reference group	<0.001
Non-insulin-treated diabetes	-0.98 (-1.80, -0.16)	
Insulin-treated diabetes	-3.30 (-4.49, -2.11)	
Stroke	-2.73 (-4.37, -1.10)	0.001
PAD	-2.95 (-4.34, -1.57)	<0.001
ER visit (last 6 months)	-4.56 (-6.02, -3.09)	<0.001
Peptic ulcer	-3.29 (-5.19, -1.40)	0.001
COPD	-2.76 (-4.09, -1.43)	<0.001
CHF	-3.24 (-4.36, -2.11)	<0.001
Anaemia	-1.01 (-3.07, 1.05)	0.34
CKD	-2.57 (-3.88, -1.27)	<0.001
Type of index MI		
STEMI	Reference group	0.005
NSTEMI	-1.13 (-1.84, -0.42)	
Unknown	0.19 (-1.28, 1.66)	
Diuretics	-2.00 (-2.83, -1.18)	<0.001
Region		
Europe	Reference group	<0.001
Asia and Australia	2.95 (2.12, 3.77)	
North America	4.69 (3.53, 5.86)	
Latin America	6.68 (5.58, 7.78)	

ACE-i, Angiotensin-converting enzyme inhibitor; ARB, Angiotensin II receptor blocker; BMI, body mass index; CABG, coronary artery bypass grafting; CHF, congestive heart failure; CI, confidence interval; CKD, chronic kidney disease; COPD, chronic obstructive pulmonary disease; EQ-ED, EuroQol-5D; ER, emergency room; MI, myocardial infarction; NSTEMI, non-ST-elevation myocardial infarction; PAD, peripheral artery disease; PCI, percutaneous coronary intervention; STEMI, ST-elevation myocardial infarction; TIA, transient ischaemic attack; VAS, visual analogue scale.