

S2. Association with angina pectoris symptoms, logistic regression analyses – three models, stratified by degree of coronary atherosclerosis (CA).

Characteristics	Angina with No CA or Non-obstructive CA N=23,233			Angina with Obstructive CA N=1,369		
	Model 1 n=22,071 (missing 5.0%)	Model 2 n=21,614 (missing 7.0%)	Model 3 n=21,278 (missing 8.4%)	Model 1 n=1,284 (missing 6.2%)	Model 2 n=1,245 (missing 9.1%)	Model 3 n=1,211 (missing 10.8%)
	OR (95%CI)	OR (95%CI)	OR (95%CI)	OR (95%CI)	OR (95%CI)	OR (95%CI)
Sociodemographics						
Age, years						
<55	Ref	Ref	Ref	Ref	Ref	Ref
55-60	1.24 (1.01 - 1.53)	1.18 (0.96 - 1.46)	1.07 (0.86 - 1.33)	1.20 (0.56 - 2.61)	1.25 (0.56 - 2.77)	1.36 (0.76-3.86)
>60	1.38 (1.11 - 1.70)	1.30 (1.04 - 1.61)	1.05 (0.83 - 1.32)	1.66 (0.81 - 3.34)	1.67 (0.79 - 3.53)	1.72 (0.64-2.57)
Female sex	1.18 (0.99 - 1.40)	1.08 (0.90 - 1.30)	1.36 (1.10 - 1.68)	1.00 (0.57 - 1.78)	0.88 (0.48 - 1.62)	1.28
Civil status						
Married/Co-living	Ref	Ref	Ref	Ref	Ref	Ref
Living alone	1.15 (0.96 - 1.38)	1.14 (0.94 - 1.37)	1.11 (0.92 - 1.34)	0.87 (0.43 - 1.74)	0.94 (0.46 - 1.92)	0.89 (0.59-3.18)
Born outside of Sweden	2.92 (2.44 - 3.50)	2.54 (2.10 - 3.07)	2.52 (2.07 - 3.07)	2.57 (1.56 - 4.25)	2.19 (1.27 - 3.76)	2.21 (1.23-3.97)
Education:						
Collage/University	Ref	Ref	Ref	Ref	Ref	Ref
High school	1.47 (1.22 - 1.76)	1.34 (1.11 - 1.62)	1.24 (1.02 - 1.50)	1.21 (0.71 - 2.06)	1.17 (0.67 - 2.02)	1.15 (0.64-2.06)
Elementary school or less	1.95 (1.49 - 2.55)	1.56 (1.18 - 2.07)	1.31 (0.97 - 1.77)	1.43 (0.68 - 2.99)	1.24 (0.56 - 2.70)	1.10 (0.46-2.60)
Unemployed	1.44 (1.17 - 1.77)	1.44 (1.17 - 1.78)	1.35 (1.09 - 1.69)	2.31 (1.38 - 3.85)	2.06 (1.20 - 3.53)	1.79 (1.00-3.20)
Economic status						
Stable	Ref	Ref	Ref	Ref	Ref	Ref
Unstable	2.15 (1.69 - 2.73)	1.99 (1.55 - 2.54)	1.98 (1.54 - 2.54)	2.48 (1.27 - 4.85)	2.25 (1.08 - 4.70)	2.32 (1.06-5.09)
Poor	2.66 (1.92 - 3.67)	2.31 (1.65 - 3.22)	2.05 (1.45 - 2.90)	1.56 (0.57 - 4.23)	1.43 (0.52 - 3.93)	1.26 (0.41-3.93)
Psychology						
Self-perceived stress						
Never	Ref	Ref	Ref	Ref	Ref	Ref
Some period	2.07 (1.15 - 3.72)	2.09 (1.16 - 3.76)	2.17 (1.17 - 4.01)	1.00 (0.37 - 2.69)	0.93 (0.34 - 2.56)	0.79 (0.27-2.33)
Constant	3.71 (2.02 - 6.78)	3.49 (1.90 - 6.40)	3.43 (1.82 - 6.47)	2.01 (0.69 - 5.87)	1.86 (0.62 - 5.60)	1.69 (0.52-5.48)
Self-perceived depression	1.71 (1.41 - 2.07)	1.66 (1.36 - 2.01)	1.67 (1.37 - 2.03)	1.96 (1.16 - 3.30)	1.95 (1.13 - 3.35)	1.98 (1.12-3.52)
Lifestyle						
Smoking status						
Never		Ref	Ref		Ref	Ref
Previous		1.15 (0.95 - 1.39)	1.05 (0.87 - 1.28)		0.98 (0.57 - 1.69)	0.81 (0.45-1.47)
Current		0.98 (0.75 - 1.26)	0.91 (0.69 - 1.19)		0.73 (0.36 - 1.52)	0.69 (0.32-1.52)
Alcohol consumption:						
High/Often		Ref	Ref		Ref	Ref

Moderate/Moderately often		1.07 (0.77 - 1.48)	1.14 (0.82 - 1.60)		0.58 (0.27 - 1.28)	0.47 (0.20-1.10)
Low/Seldom		1.63 (1.19 - 2.22)	1.57 (1.13 - 2.18)		1.38 (0.68 - 2.82)	1.26 (0.58-2.74)
Physical activity, self-estimation						
Often/High (Grimby 5-6)		Ref	Ref		Ref	Ref
Regular/Moderate (Grimby 3-4)		1.89 (1.49 - 2.39)	1.60 (1.25 - 2.04)		4.00 (1.77 - 9.06)	3.35 (1.42-7.88)
Never/Low (Grimby 1-2)		3.40 (2.52 - 4.58)	2.52 (1.85 - 3.44)		5.04 (1.87 - 13.62)	4.45 (1.56-12.51)
Physical status						
Body mass index						
<24.8			Ref			Ref
24.8-28.2			1.48 (1.13 - 1.94)			1.35 (0.60-3.02)
>28.2			2.01 (1.53 - 2.66)			1.03 (0.46-2.33)
Diastolic blood pressure, mmHg						
<72			Ref			Ref
72-82			1.00 (0.79 - 1.27)			0.58 (0.30-1.14)
>82			0.98 (0.78 - 1.24)			0.48 (0.24-0.94)
Clinical chemistry						
HDL cholesterol, mmol/l						
>1.8			Ref			Ref
1.4-1.8			0.98 (0.78 - 1.24)			0.86 (0.34-2.22)
<1.4			1.09 (0.84 - 1.40)			1.52 (0.62-3.71)
HbA1c, mmol/mol						
<34			Ref			Ref
34-37			1.31 (1.01 - 1.70)			0.95 (0.43-2.11)
>37			1.42 (1.10 - 1.82)			0.72 (0.34-1.52)
Hs-CRP, mg/L						
<0.7			Ref			Ref
0.7-1.6			1.14 (0.88 - 1.48)			1.34 (0.63-2.87)
>1.6			1.39 (1.08 - 1.79)			1.56 (0.74-3.27)
Estimated GFR						
>91.86			Ref			Ref
79.54-91.86			0.79 (0.63 - 0.96)			0.90 (0.47-1.72)
<79.54			0.85 (0.69 - 1.05)			0.78 (0.42-1.48)
Cardiometabolic disease						
Treated hyperlipidemia			0.97 (0.71 - 1.33)			1.28 (0.63-2.60)
Treated hypertension			1.42 (1.14 - 1.76)			1.40 (0.77-2.52)
Treated diabetes mellitus			1.10 (0.73 - 1.65)			0.71 (0.28-1.77)
Previous myocardial infarction			2.96 (1.60 - 5.48)			1.06 (0.40-2.80)
Previous revascularization			2.37 (0.96 - 5.84)			3.46 (1.26-9.51)
Previous stroke			1.54 (0.88 - 2.70)			0.24 (0.03-2.39)
Treated peripheral artery disease			2.01 (0.58 - 6.90)			0.00 0.00
Heart failure			3.09 (1.47 - 6.53)			1.52 (0.20-11.65)

Atrial fibrillation/flutter			2.85	(1.82 - 4.48)			1.93	(0.56-6.73)
Pulmonary disease								
COPD			1.87	(1.12 - 3.11)			2.33	(0.76-7.17)
OSAS			1.49	(1.08 - 2.06)			3.10	(1.30-7.31)