

S1. Characteristics of the sub-population with valid CCTA and completed Rose Questionnaire, N=24,602. Stratified according to degree of coronary atherosclerosis (CA).

Characteristics	No CA or Non-obstructive CA (n=23,233)			Obstructive CA (n=1,369)		
	No angina (n=22,550)	Angina (n=683)	P	No angina (n=1,278)	Angina (n=91)	P
Sociodemographics						
Age, median(IQR)	57.2 (53.5-61.0)	57.7 (53.8-61.3)	0.115	60.0 (56.3-62.8)	60.7 (56.8-62.8)	0.583
Female, n/(%)	11,653 (51.7)	416 (60.9)	<0.001	260 (20.3)	20 (22.0)	0.709
Civil status, living alone, n/(%)	5,629 (25.1)	249 (36.8)	<0.001	311 (24.5)	27 (30.0)	0.242
Born outside of Sweden, n/(%)	3,135 (13.9)	268 (39.3)	<0.001	232 (18.2)	39 (42.9)	<0.001
Educational level, low, n/(%)	1,896 (8.4)	108 (15.9)	<0.001	148 (11.6)	15 (16.7)	0.117
Unemployed, n/(%)	3,037 (13.5)	207 (30.7)	<0.001	234 (18.5)	41 (45.1)	<0.001
Poor economic status, n/(%)	468 (2.1)	67 (10.4)	<0.001	35 (2.8)	9 (10.3)	<0.001
Lifestyle						
Smoking status			<0.001			0.642
Never, n/(%)	11,636 (52.3)	291 (42.9)		523 (41.5)	34 (37.8)	
Previous, n/(%)	7,974 (35.8)	264 (38.9)		517 (41.0)	37 (41.1)	
Current, n/(%)	2,650 (11.9)	123 (18.1)		221 (17.5)	19 (21.1)	
Alcohol consumption			<0.001			<0.001
Low/Seldom, n/(%)	9,940 (44.4)	431 (64.7)		490 (38.7)	58 (64.4)	
Moderate/Moderately often, n/(%)	9,840 (44.0)	182 (27.3)		571 (45.1)	18 (20.0)	
High/Often, n/(%)	2,583 (11.6)	53 (8.0)		204 (16.1)	14 (15.6)	
Physical activity			<0.001			<0.001
-Self-estimation (Grimby)						
Never/Low (Grimby 1-2), n/(%)	1,641 (7.3)	134 (20.2)		116 (9.2)	16 (18.8)	
Regular/Mod (Grimby 3-4), n/(%)	13,602 (60.9)	427 (64.4)		782 (62.0)	61 (71.8)	
Often/High (Grimby 5-6), n/(%)	7,096 (31.8)	102 (15.4)		364 (28.8)	8 (9.4)	
-Accelerometry						
Sedent, %of wear time, mean/(SD)	54 (10)	54 (11)	0.986	56 (10)	56 (11)	0.751
Mod/vig., %of wear time, mean/(SD)	6 (3)	6 (3)	<0.001	6 (3)	5 (3)	0.021
Psychological						
High degree of stress, n/(%)	4,518 (20.2)	279 (41.9)	<0.001	201 (15.9)	31 (35.6)	<0.001
Depressed, n/(%)	5,897 (26.6)	337 (51.5)	<0.001	283 (22.5)	41 (48.2)	<0.001
Physical status						
Body mass index, mean/(SD)	26.7 (4.2)	29.2 (5.0)	<0.001	27.9 (4.2)	28.6 (4.0)	0.114
Waist circumference, mean/(SD)	94 (12)	99 (13)	<0.001	100 (12)	101 (12)	0.309
Systolic blood pressure, mean/(SD)	125 (17)	126 (17)	0.112	133 (17)	133 (16)	0.988
Diastolic blood pressure, mean/(SD)	77 (10)	78 (10)	0.031	80 (10)	79 (12)	0.358
Clinical chemistry						
Total cholesterol, mean/(SD)	5.5 (1.0)	5.4 (1.1)	0.115	5.5 (1.2)	5.2 (1.2)	0.030
HDL cholesterol, mean/(SD)	1.7 (0.5)	1.5 (0.4)	<0.001	1.4 (0.4)	1.3 (0.4)	<0.001
LDL cholesterol, mean/(SD)	3.4 (0.9)	3.5 (1.0)	0.172	3.6 (1.1)	3.4 (1.1)	0.151
Triglycerides, mean/(SD)	1.2 (0.8)	1.4 (0.8)	<0.001	1.5 (0.9)	2.0 (2.0)	<0.001
Glucose, mean/(SD)	5.7 (1.0)	5.9 (1.1)	<0.001	6.1 (1.4)	6.2 (1.4)	0.461
HbA1c, mean/(SD)	36 (5)	38 (7)	<0.001	38 (8)	41 (12)	0.003
Hs-CRP, mean/(SD)	2.0 (3.9)	2.8 (3.9)	<0.001	2.3 (3.7)	2.4 (2.1)	0.770
Estimated GFR, mean/(SD)	85 (11)	87 (12)	<0.001	86 (12)	88 (11)	0.089
Cardiometabolic disease						
Treated hyperlipidemia, n/(%)	1429 (6.4)	74 (11.1)	<0.001	238 (18.8)	25 (27.8)	0.039
Treated hypertension, n/(%)	3872 (17.4)	195 (29.3)	<0.001	437 (34.6)	40 (44.4)	0.059
Treated diabetes mellitus, n/(%)	595 (2.7)	41 (6.1)	<0.001	105 (8.3)	12 (13.3)	0.102
Previous myocardial infarction, n/(%)	164 (0.7)	25 (3.7)	<0.001	73 (5.8)	16 (17.8)	<0.001
Angina pectoris, n/(%)	67 (0.3)	33 (4.9)	<0.001	29 (2.3)	17 (18.9)	<0.001
Previous revascularization, n/(%)	64 (0.3)	9 (1.3)	<0.001	64 (5.1)	16 (17.8)	<0.001
Previous stroke, n/(%)	267 (1.2)	19 (2.8)	<0.001	31 (2.5)	1 (1.1)	0.418
Treated peripheral artery disease, n/(%)	51 (0.2)	3 (0.4)	0.249	8 (0.6)	0 (0.0)	0.449
Heart failure, n/(%)	58 (0.3)	13 (1.9)	<0.001	8 (0.6)	5 (5.6)	<0.001
Atrial fibrillation/flutter, n/(%)	329 (1.5)	29 (4.3)	<0.001	30 (2.4)	5 (5.6)	0.066
Pulmonary disease						
COPD, n/(%)	220 (1.0)	30 (4.5)	<0.001	28 (2.2)	8 (8.9)	<0.001
OSAS, n/(%)	876 (3.9)	61 (9.1)	<0.001	85 (6.7)	10 (11.1)	0.116