

Table S1 Incidence of cardiovascular events and time until the occurrence of outcomes with different types of treatment stratified by the SXscore and presence of LMMCAD

Treatment/Outcome	SXscore <23		SXscore ≥23		P value	No LMMCAD		LMMCAD		P value
	n (%)	Free-time (years): mean (95% CI)	n (%)	Free-time (years): mean (95% CI)		n (%)	Free-time (years): mean (95% CI)	n (%)	Free-time (years): mean (95% CI)	
Total sample (n=454)	n=401		n=53			n=297		n=157		
All-cause death	53 (13.2)	8.8 (8.6–9.1)	12 (22.6)	7.4 (6.5–8.3)	0.036	33 (11.1)	8.6 (8.4–8.9)	32 (20.4)	8.2 (7.7–8.7)	0.006
Cardiovascular death	28 (7.0)	9.3 (9.1–9.5)	9 (17.0)	7.8 (7.0–8.7)	0.006	14 (4.7)	9.1 (8.9–9.2)	23 (14.6)	8.7 (8.2–9.1)	<0.001
Myocardial infarction	45 (11.2)	8.9 (8.7–9.2)	11 (20.8)	7.7 (6.8–8.5)	0.033	27 (9.1)	8.8 (8.5–9.0)	29 (18.5)	8.3 (7.8–8.8)	0.003
Stroke	14 (3.5)	9.6 (9.4–9.7)	3 (5.7)	8.8 (8.4–9.3)	0.412	9 (3.0)	9.2 (9.1–9.3)	8 (5.1)	9.4 (9.1–9.7)	0.263
Late revascularization	84 (20.9)	8.1 (7.5–8.8)	9 (17.0)	8.2 (7.9–8.5)	0.752	61 (20.5)	8.2 (7.9–8.4)	32 (20.4)	8.3 (7.8–8.8)	0.952
MACCE	120 (29.9)	7.5 (7.1–7.8)	22 (41.5)	6.2 (5.2–7.2)	0.021	81 (27.3)	7.6 (7.3–7.9)	61 (38.9)	6.8 (6.2–7.4)	0.009
MT alone (n=124)	n=117		n=7			n=104		n=20		
All-cause death	22 (18.8)	8.4 (7.9–8.9)	2 (28.6)	6.7 (4.4–8.9)	0.470	17 (16.3)	8.1 (7.6–8.6)	7 (35.0)	7.3 (5.8–8.8)	0.051
Cardiovascular death	10 (8.5)	9.1 (8.7–9.5)	1 (4.3)	7.9 (6.6–9.1)	0.629	7 (6.7)	8.7 (8.3–9.1)	4 (20.0)	8.2 (6.8–9.6)	0.051
Myocardial infarction	11 (9.4)	9.2 (8.8–9.5)	2 (28.6)	7.0 (5.1–8.9)	0.091	9 (8.7)	8.7 (8.3–9.0)	4 (20.0)	8.4 (7.1–9.7)	0.107
Stroke	4 (3.4)	–	0 (0.0)	–	–	3 (2.9)	8.9 (8.7–9.2)	1 (5.0)	8.4 (8.1–8.7)	0.621
Late revascularization	17 (14.5)	8.3 (7.9–8.7)	1 (14.3)	7.9 (6.8–9.1)	0.926	13 (12.5)	8.5 (8.1–8.8)	5 (25)	7.4 (6.5–8.3)	0.075
MACCE	28 (23.9)	7.6 (7.1–8.1)	2 (28.6)	7.0 (5.1–8.9)	0.862	23 (22.1)	7.8 (7.3–8.3)	7 (35.0)	6.3 (5.0–7.7)	0.132
PCI (n=251)	n=235		n=16			n=176		n=75		
All-cause death	21 (8.9)	9.2 (8.9–9.5)	4 (25.0)	6.3 (4.9–7.6)	0.017	12 (6.8)	8.9 (8.7–9.2)	13 (17.3)	8.5 (7.8–9.2)	0.008
Cardiovascular death	11 (4.7)	9.5 (9.3–9.7)	2 (12.5)	7.9 (6.6–9.2)	0.122	6 (2.4)	9.2 (9.0–9.4)	7 (9.3)	9.1 (8.6–9.6)	0.044
Myocardial infarction	26 (11.1)	8.9 (8.6–9.3)	2 (12.5)	7.8 (6.5–9.2)	0.798	17 (9.7)	8.7 (8.4–9.0)	11 (14.7)	8.6 (8.0–9.3)	0.224
Stroke	5 (2.1)	9.7 (9.5–9.8)	2 (12.5)	7.7 (6.7–8.7)	0.014	3 (1.7)	9.3 (9.2–9.4)	4 (5.3)	9.4 (9.0–9.8)	0.114
Late revascularization	63 (26.8)	8.0 (7.6–8.3)	3 (18.8)	7.6 (6.4–8.9)	0.783	47 (26.7)	7.9 (7.5–8.3)	19 (25.3)	8.1 (7.4–8.7)	0.717
MACCE	64 (31.5)	7.5 (7.1–7.9)	8 (50.0)	4.9 (3.4–6.5)	0.013	53 (30.1)	7.5 (7.1–8.0)	29 (38.7)	6.9 (6.1–7.8)	0.208
CABG (n=79)	n=49		n=30			n=17		n=62		
All-cause death	10 (20.4)	7.2 (6.5–7.9)	6 (20.0)	7.5 (6.3–8.7)	0.961	4 (23.5)	6.7 (5.5–7.9)	12 (19.4)	7.7 (6.9–8.5)	0.639
Cardiovascular death	7 (14.3)	7.5 (6.8–8.1)	6 (20.0)	7.5 (6.3–8.7)	0.463	1 (5.9)	7.6 (6.7–8.5)	12 (19.4)	7.7 (7.0–8.5)	0.229
Myocardial infarction	8 (16.3)	7.7 (6.9–8.4)	7 (23.3)	7.5 (6.3–8.6)	0.417	1 (5.9)	7.8 (6.7–8.5)	14 (22.6)	7.6 (6.8–8.3)	0.155
Stroke	5 (10.2)	8.1 (7.5–8.7)	1 (3.3)	9.0 (8.5–9.5)	0.261	3 (17.6)	7.3 (6.1–8.5)	3 (4.8)	8.9 (8.5–9.3)	0.054
Late revascularization	4 (8.2)	8.5 (8.2–8.8)	5 (16.7)	8.1 (7.2–9.0)	0.259	1 (5.9)	8.1 (7.6–8.7)	8 (12.9)	8.5 (7.9–9.0)	0.524
MACCE	18 (36.7)	6.3 (5.5–7.1)	12 (40.0)	6.2 (4.9–7.5)	0.758	5 (29.4)	6.3 (4.9–7.6)	25 (40.3)	6.4 (5.6–7.3)	0.650

Supplementary material shows that all-cause death, cardiovascular death, MI and MACCE, occurred earlier in patients with intermediate and high scores in SXscore or in those with diagnosis of LMMCAD in the whole sample. In analyses stratified by the type of treatment, the prediction of deaths and major cardiovascular events tended to be better for the anatomical criteria than for the SXscore in all types of treatment. LMMCAD, left main or multivessel CAD; LVFE, left ventricular fraction ejection; MT, medical-therapy; PCI, percutaneous coronary intervention; CABG, coronary artery bypass grafting; SXscore, SYNTAX score.