

SUPPLEMENTARY DATA

Table 1 of the supplementary. Procedural features in the overall population and in the two study groups

Characteristics	Study population	Patients aged < 55 years	Patients aged ≥ 55 years	P value
Per-lesion features	N = 2302	N = 339	N = 1963	
Percent diameter stenosis	82.57 ± 13.63	82.77 ± 13.16	82.54 ± 13.71	.987
RVD	2.65 ± 0.57	2.50 ± 0.54	2.67 ± 0.59	< .001
Lesion length	18.81 ± 9.15	19.81 ± 9.04	18.63 ± 9.16	.004
MLD	0.77 ± 0.99	0.73 ± 0.72	0.78 ± 1.03	.863
De-novo lesion	1278 (55.5)	254 (74.9)	1024 (52.2)	< .001
Bifurcation	267 (11.6)	43 (12.7)	224 (11.4)	.559
Lesion vessel				.145
LM	25 (1.1)	3 (0.9)	22 (1.1)	
LAD	1039 (45.1)	170 (50.1)	869 (44.3)	
LCX	551 (23.9)	75 (22.1)	476 (24.2)	
RCA	668 (29.0)	91 (26.8)	577 (29.4)	
Graft	19 (0.8)	0 (0.0)	19 (1.0)	
AHA-ACC classification (%)				.504
A	439 (19.1)	72 (21.2)	367 (18.7)	
B1	846 (36.8)	129 (38.1)	717 (36.5)	
B2	573 (24.9)	76 (22.4)	497 (25.3)	
C	444 (19.3)	62 (18.3)	382 (19.5)	
Lesion predilatation	2111 (88.4)	312 (92.0)	1799 (91.6)	.894
SCB length	23.20 ± 8.85	24.75 ± 10.17	22.93 ± 8.57	.002
SCB diameter	2.66 ± 0.75)	2.58 ± 1.34)	2.68 ± 0.59)	< .001
Pressure SCB inflation	9.96 ± 3.76	9.03 ± 3.43	10.12 ± 3.80	< .001
SCB inflation time	58.03 ± 14.71	58.53 ± 15.92	57.95 ± 14.49	.311
Cutting balloon	85 (3.7)	6 (1.8)	79 (4.0)	.061
IVUS	97 (4.2)	7 (2.1)	90 (4.6)	.047
OCT	33 (1.4)	4 (1.2)	29 (1.5)	.859
Angiographic success	2250 (97.7)	328 (96.8)	1922 (97.9)	.261
Per-patient features	N = 2054	N = 305	N = 1749	
PCI approach				.367
Femoral	420 (20.4)	56 (18.4)	364 (20.8)	
Radial	1634 (79.6)	249 (81.6)	1385 (79.2)	
Multivessel PCI (%)	864 (42.1)	129 (42.3)	735 (42.0)	.980
Bailout stenting (%)	162 (7.9)	25 (8.2)	137 (7.8)	.919

AHA-ACC, American Heart Association-American College of Cardiology; IVUS, intravascular ultrasound; LAD, left anterior descending; LCX, left circumflex; LM, left main; MLD, minimal lumen diameter; OCT, optical coherence tomography; PCI, percutaneous coronary intervention; RCA, right coronary artery; RVD, reference vessel diameter; SCB, sirolimus coated balloon.

Data are expressed as no. (%), mean $\pm$ standard deviation.

Table 2 of the supplementary data. Clinical outcomes in the overall population and in the two study groups

Characteristics	Study population (n = 2054)	Patients aged < 55 years (n = 305)	Patients aged ≥ 55 years (n = 1749)	P-value
TLR	158 (7.7)	14 (4.6)	144 (8.2)	.037
All-cause death	100 (4.9)	2 (0.7)	98 (5.6)	<.001
Cardiac death	32 (1.6)	0 (0.0)	32 (1.8)	.033
MI	59 (2.9)	4 (1.3)	55 (3.1)	.113
TVMI	39 (1.9)	3 (1.0)	36 (2.1)	.297

MI, myocardial infarction; TLR, target lesion revascularization; TVMI, target vessel myocardial infarction.

Data are expressed as no. (%).

Table 3 of the supplementary data. Clinical outcomes in patients with small-vessel CAD and in the two study groups

Characteristics	Study population (n = 1367)	Patients aged < 55 years (n = 227)	Patients aged ≥ 55 years (n = 1140)	P-value
TLR	82 (6.0)	5 (2.2)	77 (6.8)	.006
All-cause death	55 (4.0)	2 (0.9)	53 (4.6)	.005
Cardiac death	18 (1.3)	0 (0.0)	18 (1.6)	.057
MI	33 (2.4)	1 (0.4)	32 (2.8)	.031
TVMI	18 (1.3)	0 (0.0)	18 (1.6)	.057

CAD: coronary artery disease; MI: myocardial infarction; TLR: target lesion revascularization; TVMI:

target vessel myocardial infarction.

Data are expressed as no. (%).

Table 4 of the supplementary data. Clinical outcomes in patients with large-vessel CAD and in the two study groups

Characteristics	Study population (n = 687)	Patients aged < 55 years (n = 78)	Patients aged ≥ 55 years (n = 609)	P-value
TLR	76 (11.1)	9 (11.5)	67 (11.0)	.849
All-cause death	45 (6.6)	0 (0.0)	45 (7.4)	.006
Cardiac death	17 (2.5)	0 (0.0)	14 (2.3)	.387
MI	26 (3.8)	3 (3.8)	23 (3.8)	1.000
TVMI	18 (2.6)	3 (3.8)	18 (3.0)	.723

CAD, coronary artery disease; MI, myocardial infarction; TLR, target lesion revascularization; TVMI, target vessel myocardial infarction.

Data are expressed as no. (%).

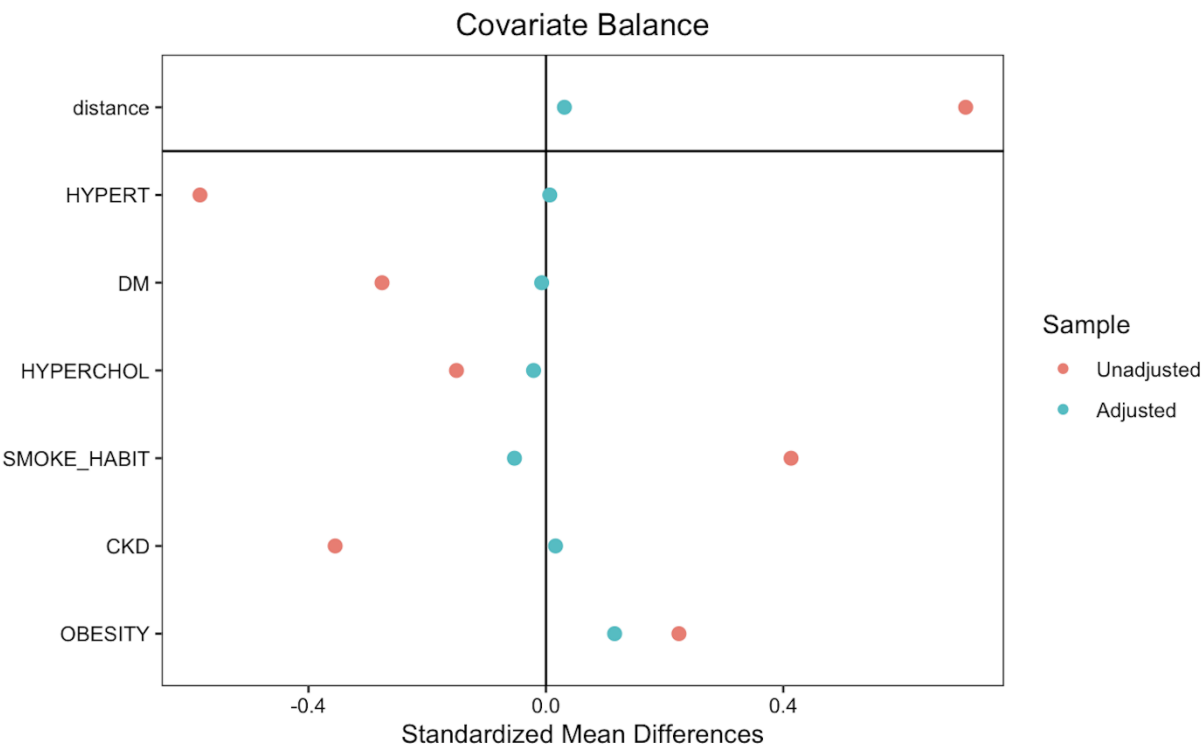
Table 5 of the supplementary data. Clinical outcomes after PSM analysis

Characteristics	Patients aged < 55 years (n = 305)	Patients aged ≥ 55 years (n = 305)	P-value
TLR	14 (4.6)	41 (13.4)	< .001
All-cause death	2 (0.7)	11 (3.6)	.025
Cardiac death	0 (0.0)	6 (2.0)	.040
MI	4 (1.3)	20 (6.6)	.002
TVMI	3 (1.0)	16 (5.2)	.005

CAD, coronary artery disease; MI, myocardial infarction; PSM, propensity-score matching; TLR, target lesion revascularization; TVMI, target vessel myocardial infarction.

Data are expressed as no. (%).

Figure 1 of the supplementary data. Love plot with details on matched variables.



CKD, chronic kidney disease; DM, diabetes mellitus.