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Supplementary Table S1. Cox-Regression Analysis for the predictors of cardiac death, target lesion revascularization, myocardial infarction, definite or probable scaffold thrombosis, major adverse cardiac events, and stroke.

Cardiac death	HR	Confidence Interval	p-value
Lesion calcification	2.067	1.146-3.727	0.016
Age by 10 Years	2.120	1.292-3.478	0.003
Diabetes mellitus	2.581	1.119-5.951	0.026
Left ventricular ejection fraction by 10%	0.720	0.533-0.974	0.033
Renal failure	1.186	0.413-3.403	0.751
Atrial fibrillation	1.875	0.677-5.197	0.227
STEMI (clinical presentation)	0.747	0.171-3.266	0.699
Smoker	1.225	0.421-3.567	0.710
Procedure in 2015 or later	1.091	0.476-2.502	0.836
Bifurcation	3.070	0.704-13.387	0.135
Target Lesion Revascularization	HR	Confidence Interval	p-value
Lesion calcification	0.944	0.770-1.158	0.582
Age by 10 Years	1.011	0.862-1.185	0.896
Diabetes mellitus	1.181	0.819-1.702	0.374
Left ventricular ejection fraction by 10%	0.771	0.405-1.362	<0.001
Renal failure	0.742	0.405-1.362	0.336
Atrial fibrillation	1.378	0.819-2.317	0.227
STEMI (clinical presentation)	0.635	0.390-1.034	0.068
Smoker	1.080	0.758-1.539	0.671
Procedure in 2015 or later	0.708	0.520-0.964	0.028
Bifurcation	1.876	0.920-3.829	0.084

Myocardial Infarction	HR	Confidence Interval	p-value
Lesion calcification	1.020	0.819-1.270	0.863
Age by 10 Years	1.004	0.844-1.194	0.967
Diabetes mellitus	1.494	1.025-2.177	0.037
Left ventricular ejection fraction by 10%	0.817	0.709-0.941	0.005
Renal failure	0.699	0.360-1.358	0.291
Atrial fibrillation	1.240	0.688-2.234	0.474
STEMI (clinical presentation)	0.671	0.400-1.126	0.131
Smoker	1.189	0.816-1.734	0.367
Procedure in 2015 or later	0.629	0.449-0.881	0.007
Bifurcation	2.157	1.053-4.417	0.036
Definite or probable scaffold thrombosis	HR	Confidence Interval	p-value
Lesion calcification	1.185	0.878-1.599	0.268
Age by 10 Years	1.120	0.883-1.420	0.349
Diabetes mellitus	1.022	0.590-1.771	0.938
Left ventricular ejection fraction by 10%	0.805	0.666-0.972	0.024
Renal failure	0.869	0.387-1.955	0.735
Atrial fibrillation	1.436	0.695-2.966	0.329
STEMI (clinical presentation)	0.553	0.251-1.221	0.143
Smoker	1.136	0.671-1.923	0.635
Procedure in 2015 or later	0.672	0.424-1.065	0.091
Bifurcation	3.535	1.615-7.737	0.002
Major Adverse Cardiac Events	HR	Confidence Interval	p-value
Lesion calcification	1.035	0.894-1.198	0.649
Age by 10 Years	1.028	0.917-1.153	0.638
Diabetes mellitus	1.268	0.980-1.642	0.071

Left ventricular ejection fraction by 10%	0.841	0.764-0.926	< 0.001
Renal failure	0.807	0.530-1.231	0.320
Atrial fibrillation	1.197	0.809-1.773	0.368
STEMI (clinical presentation)	0.651	0.457-0.928	0.018
Smoker	0.917	0.705-1.192	0.518
Procedure in 2015 or later	0.817	0.655-1.019	0.073
Bifurcation	1.633	0.935-2.851	0.085
Stroke	HR	Confidence Interval	p-value
Lesion calcification	1.432	0.980-2.095	0.064
Age by 10 Years	1.121	0.811-1.549	0.490
Diabetes mellitus	2.422	1.319-4.445	0.004
Left ventricular ejection fraction by 10%	1.102	0.843-1.440	0.478
Renal failure	1.995	0.888-4.483	0.095
Atrial fibrillation	2.642	1.182-5.904	0.018
STEMI (clinical presentation)	1.514	0.732-3.132	0.263
Smoker	2.558	1.347-4.858	0.004
Procedure in 2015 or later	1.129	0.633-2.014	0.681
Bifurcation	1.573	0.379-6.529	0.533

Supplementary Table S2. Medications at admission, periprocedural medication, at discharge, at 6 months follow up and at 24 months follow up.

Chronic medication at admission	None n=1144	Mild n=1306	Moderate/Severe n=690	p-value
Aspirin	41.1% (470/1144)	52.3% (683/1306)	52.2% (360/690)	<0.001
P2Y ₁₂ receptor inhibitors	15.1% (173/1144)	22.4% (292/1306)	22.5% (155/690)	<0.001
Clopidogrel	45.1% (78/173)	46.9% (137/292)	46.5% (72/155)	0.796
Prasugrel	25.4% (44/173)	29.1% (85/292)	27.7% (43/155)	0.622
Ticagrelor	29.5% (51/173)	24.0% (70/292)	25.8% (40/155)	0.425
Oral anticoagulants	3.6% (41/1144)	5.1% (67/1306)	7.0% (48/690)	0.001
Beta blocker	38.4% (439/1144)	44.0% (574/1306)	50.0% (345/690)	<0.001
ACE-inhibitor	27.0% (309/1144)	33.8% (441/1306)	37.7% (260/690)	<0.001
ARB	14.6% (167/1144)	18.8% (245/1306)	17.5% (121/690)	0.049
Diuretics	14.8% (169/1144)	18.8% (246/1306)	24.3% (168/690)	<0.001
Aldosterone antagonists	2.7% (31/1144)	2.2% (29/1306)	3.2% (22/690)	0.670
Statins	36.8% (421/1144)	44.9% (587/1306)	47.7% (329/690)	<0.001
Peri-procedural medication				
Aspirin	31.6% (362/1144)	33.7% (440/1306)	32.9% (227/690)	0.485
Heparin	94.2% (1078/1144)	93.8% (1225/1306)	93.6% (646/690)	0.576
LMW	3.4% (37/1077)	4.2% (52/1225)	4.3% (28/646)	0.308
Unfractionated	96.6% (1040/1077)	95.8% (1173/1225)	95.7% (618/646)	0.308

Bivalirudin	1.4% (16/1144)	0.9% (12/1306)	0.4% (3/690)	0.040
GP IIb/IIIa Inhibitor	8.4% (96/1144)	7.8% (102/1306)	7.8% (54/690)	0.626
Loading dose P2Y ₁₂ receptor inhibitors	70.1% (801/1143)	63.5% (829/1305)	61.0% (420/688)	<0.001
Clopidogrel	40.0% (320/801)	49.5% (410/829)	58.3% (245/420)	<0.001
Prasugrel	37.6% (301/801)	34.1% (283/829)	25.0% (105/420)	<0.001
Ticagrelor	22.3% (179/801)	15.7% (130/829)	16.7% (70/420)	0.003
Unknown	0.1% (1/801)	0.7% (6/829)	0.0% (0/420)	0.879
Medication at discharge				
Aspirin	96.4% (1103/1144)	97.7% (1275/1305)	98.1% (676/689)	0.020
P2Y ₁₂ receptor inhibitors	97.5% (1115/1144)	97.5% (1273/1305)	98.3% (677/689)	0.311
Clopidogrel	38.0% (424/1115)	45.4% (578/1273)	51.3% (347/677)	<0.001
Prasugrel	37.1% (414/1115)	35.0% (446/1273)	27.2% (184/677)	<0.001
Ticagrelor	24.8% (277/1115)	19.6% (249/1273)	21.6% (146/677)	0.042
Oral anticoagulants	7.4% (85/1144)	8.2% (107/1305)	8.4% (58/689)	0.416
VKA	42.4% (36/85)	44.9% (48/107)	44.8% (26/58)	0.749
NOAC	57.6% (49/85)	55.1% (59/107)	55.2% (32/58)	0.749
Beta blocker	77.0% (881/1144)	75.9% (990/1305)	76.2% (525/689)	0.631
ACE inhibitors	67.2% (769/1144)	62.6% (817/1305)	65.9% (454/689)	0.338
ARB	17.5% (200/1144)	22.3% (291/1305)	20.5% (141/689)	0.053

Diuretics	23.6% (270/1144)	27.4% (358/1305)	30.6% (211/689)	<0.001
Aldosterone antagonists	6.1% (70/1144)	4.6% (60/1305)	4.8% (33/689)	0.152
Statins	90.4% (1034/1144)	90.3% (1178/1305)	89.3% (615/689)	0.469
Medication at 6 months				
Aspirin	92.7% (931/1004)	94.0% (1073/1142)	92.9% (565/608)	0.731
P2Y ₁₂ receptor inhibitors	93.6% (928/991)	92.7% (1056/1139)	93.0% (562/604)	0.572
Clopidogrel	39.2% (362/924)	45.4% (478/1053)	49.2% (275/559)	<0.001
Prasugrel	35.6% (329/924)	34.0% (358/1053)	27.9% (156/559)	0.004
Ticagrelor	25.2% (233/924)	20.6% (217/1053)	22.9% (128/559)	0.169
Oral anticoagulants	7.6% (74/970)	8.5% (93/1094)	9.5% (56/591)	0.199
VKA	56.8% (42/74)	46.2% (43/93)	35.7% (20/56)	0.017
NOAC	43.2% (32/74)	53.8% (50/93)	64.3% (36/56)	0.017
Beta blockers	65.3% (741/1135)	64.9% (839/1293)	65.3% (444/680)	0.972
ACE-inhibitors	46.9% (532/1135)	45.4% (587/1293)	49.4% (336/680)	0.415
ARB	24.8% (282/1135)	26.8% (347/1293)	25.9% (176/680)	0.518
Diuretics	21.7% (246/1135)	26.2% (339/1293)	27.6% (188/680)	0.002
Aldosterone antagonists	7.2% (82/1135)	6.8% (88/1293)	7.1% (48/680)	0.845
Statins	74.8% (849/1135)	76.1% (984/1293)	77.5% (527/680)	0.189
Medication at 24 months				

Aspirin	92.1% (869/944)	89.7% (954/1063)	87.7% (500/570)	0.005
P2Y ₁₂ receptor inhibitors	15.0% (141/938)	16.1% (170/1055)	14.9% (84/565)	0.965
Clopidogrel	56.4% (75/133)	67.1% (112/167)	61.4% (51/83)	0.314
Prasugrel	21.8% (29/133)	19.2% (32/167)	20.5% (17/83)	0.755
Ticagrelor	21.8% (29/133)	13.8% (23/167)	18.1% (15/83)	0.339
Oral anticoagulants	8.0% (74/925)	10.8% (112/1040)	11.7% (65/555)	0.014
VKA	41.9% (31/74)	40.2% (45/112)	30.8% (20/65)	0.187
NOAC	58.1% (43/74)	59.8% (67/112)	69.2% (45/65)	0.187
Beta blockers	57.8% (655/1133)	57.3% (733/1280)	59.4% (402/677)	0.588
ACE inhibitors	38.7% (438/1133)	36.0% (461/1280)	39.7% (269/677)	0.868
ARB	26.4% (299/1133)	27.9% (357/1280)	27.0% (183/677)	0.674
Diuretics	22.9% (260/1133)	25.4% (325/1280)	27.8% (188/677)	0.020
Aldosterone antagonists	5.7% (65/1133)	5.3% (68/1280)	7.1% (48/677)	0.322
Statins	68.2% (773/1133)	67.7% (866/1280)	67.5% (457/677)	0.732