

## Supplementary Material

**Supplementary Table 1.** HRs and 95% CI showing associations between high- and moderate-intensity statins groups without ezetimibe and the incidence of treatment outcomes with respect to each Cox model and PSM model

	Total participants	Events		Model 1	Model 2	Model 3	Model 4	PSM-adjusted analysis
		High-intensity statins	Moderate-intensity statins					
	579	308	271	HR (95% CI)	HR (95% CI)	HR (95% CI)	HR (95% CI)	HR (95% CI)
<b>MACCE</b>	78 (13.5)	37 (12.0)	41 (15.1)	1.28 (0.82–1.99)	1.22 (0.78–1.91)	1.06 (0.63–1.80)	0.88 (0.50–1.58)	0.87 (0.44–1.72)
<b>All-cause death</b>	31 (5.3)	14 (4.5)	17 (6.3)	1.39 (0.68–2.82)	1.18 (0.58–2.40)	1.14 (0.49–2.67)	0.75 (0.27–2.10)	0.91 (0.31–2.70)
<b>NFMI</b>	20 (3.4)	9 (2.9)	11 (4.1)	1.41 (0.58–3.40)	1.45 (0.60–3.50)	1.67 (0.50–5.63)	1.66 (0.44–6.26)	2.14 (0.54–8.57)
<b>Any revascularization</b>	33 (5.7)	20 (6.5)	13 (4.8)	0.73 (0.36–1.47)	0.74 (0.37–1.49)	0.56 (0.24–1.29)	0.72 (0.29–1.77)	0.47 (0.16–1.34)
<b>CVA</b>	10 (1.7)	4 (1.3)	6 (2.2)	1.72 (0.49–6.10)	1.58 (0.44–5.62)	0.68 (0.12–3.77)	0.10 (0.00–3.34)	0.53 (0.05–5.87)
<b>Stent thrombosis</b>	6 (1.0)	2 (0.6)	4 (1.5)	2.30 (0.42–12.58)	2.29 (0.42–12.53)	1.64 (0.09–28.89)	–	2.15 (0.19–23.70)

Model 1: Crude model; Model 2: Adjusting for age, sex; Model 3: Adjusting for all components in Model 2 plus use of EMS, Killip functional class, BMI, smoking status, past medical history, family history of CAD, LDL-C, serum creatinine level, LVEF, final diagnosis, and discharge medications; Model 4: Adjusting for all components in Model 3 plus variables about angiographic and procedural characteristics; BMI — body mass index; CAD — coronary artery disease; CI — confidence interval; CVA — cerebrovascular accident; EMS — emergency medical service; HR — hazard ratio; IDR — ischemia-driven readmission; LDL-C — low-density lipoprotein cholesterol; LVEF — left ventricular ejection fraction; MACE — major adverse cardiac event; NFMI — non-fatal myocardial infarction; PSM — propensity score matching

**Supplementary Table 2.** Clinical outcomes of high- and moderate-intensity statins groups according to baseline LDL-C levels

Outcomes	Event rates		HR (95% CI)	P-value
	High-intensity statins	Moderate-intensity statins		
<b>MACCE</b>				
Lowest tertile	19/114 (16.7)	23/127 (18.1)	1.11 (0.61–2.04)	0.734
Middle tertile	15/124 (12.1)	18/115 (15.6)	1.27 (0.64–2.53)	0.488
Highest tertile	8/124 (6.4)	11/97 (11.3)	1.73 (0.70–4.31)	0.238
<b>All-cause death</b>				
Lowest tertile	5/114 (4.4)	12/127 (9.4)	2.22 (0.78–6.31)	0.133
Middle tertile	6/124 (4.8)	7/115 (6.1)	1.23 (0.41–3.67)	0.708
Highest tertile	4/124 (3.2)	2/97 (2.1)	0.61 (0.11–3.34)	0.569
<b>NFMI</b>				
Lowest tertile	7/114 (6.1)	5/127 (3.9)	0.66 (0.21–2.07)	0.472
Middle tertile	2/124 (1.6)	5/115 (4.3)	2.67 (0.52–13.75)	0.241
Highest tertile	1/124 (0.8)	1/97 (1.0)	1.24 (0.08–19.79)	0.880
<b>Any revascularization</b>				
Lowest tertile	14/114 (12.3)	9/127 (7.1)	0.60 (0.26–1.38)	0.225
Middle tertile	7/124 (5.6)	5/115 (4.3)	0.75 (0.24–2.35)	0.618
Highest tertile	3/124 (2.4)	6/97 (6.2)	2.44 (0.61–9.75)	0.208
<b>CVA</b>				
Lowest tertile	1/114 (0.9)	2/127 (1.6)	1.90 (0.17–20.91)	0.601
Middle tertile	2/124 (1.6)	1/115 (0.9)	0.53 (0.05–5.84)	0.603
Highest tertile	1/124 (0.8)	3/97 (3.1)	3.58 (0.37–34.45)	0.270
<b>Stent thrombosis</b>				
Lowest tertile	2/114 (1.7)	3/127 (2.4)	1.40 (0.23–8.38)	0.712
Middle tertile	1/124 (0.8)	0/115 (0.0)	–	–
Highest tertile	0/124 (0.0)	2/97 (2.1)	–	–

CI — confidence interval; CVA — cerebrovascular accident; HR — hazard ratio; LDL-C — low-density lipoprotein cholesterol; MACCE — major adverse cardiac and cerebrovascular event; NFMI — nonfatal myocardial infarction

**Supplementary Table 3.** Information of duration and prior treatment of dyslipidemia\*

	<b>High-intensity statins</b>	<b>Moderate-intensity statins</b>	<b>P-value</b>
	<b>(n = 384)</b>	<b>(n = 368)</b>	
<b>Duration of dyslipidemia</b>			0.233
<b>No diagnosis</b>	273 (85.6)	279 (89.1)	
<b>0–3 years</b>	19 (6.0)	13 (4.2)	
<b>&gt; 3 years</b>	27 (8.5)	21 (6.7)	
<b>Prior treatment of dyslipidemia</b>	102 (26.8)	85 (23.2)	0.254

\*Values are presented as percentages (numbers) for categorical values