

Table S1 Predictors of PMI by univariable and multivariate analysis

Variables	Univariate logistic regression			Multivariate logistic regression		
	OR	95% CI	P value	OR	95% CI	P value
Age ^a , years	0.975	0.941–1.009	0.152	0.964	0.925–1.005	0.088
Sex	0.789	0.312–1.994	0.616			
Hypertension	0.669	0.333–1.342	0.258			
Diabetes mellitus	0.647	0.280–1.494	0.308			
Dyslipidemia	1.484	0.696–3.166	0.307			
Smoking	0.914	0.461–1.810	0.796			
Stroke	0.814	0.144–4.603	0.816			
CKD	1.372	0.606–3.107	0.448			
Previous MI	1.135	0.535–2.407	0.741			
Triglyceride, mmol/L	1.194	0.901–1.582	0.217			
TC ^b , mmol/L	1.023	0.792–1.322	0.860			
HDL-C ^b , mmol/L	1.552	0.567–4.244	0.392			
LDL-C ^b , mmol/L	0.979	0.691–1.389	0.907			
Homogeneous	0.507	0.216–1.192	0.119	0.898	0.564–1.761	0.138
Heterogeneous	1.734	0.756–3.977	0.194	1.527	0.568–3.769	0.229
ISNA	1.655	0.815–3.358	0.163	2.026	0.209–9.694	0.543
LRP	1.655	0.815–3.358	0.163	0.445	0.041–4.879	0.508
TCFA-like pattern	1.163	0.519–2.605	0.713			
Calcification	0.959	0.480–1.916	0.906			
Peri-strut microvessels	1.799	0.883–3.663	0.106	0.874	0.360–2.122	0.767
Intra-intima microvessels	2.269	1.463–6.025	0.003	3.193	1.280–7.966	0.013
Intra-stent plaque rupture	2.264	1.127–4.548	0.022	2.124	1.153–4.732	0.035
Red thrombus	0.774	0.340–1.759	0.541			
White thrombus	1.185	0.586–2.397	0.636			
Cholesterol crystal	1.366	0.569–3.280	0.486			
LAD	1.115	0.539–2.305	0.770			
RCA	0.814	0.366–1.814	0.615			
LCX	1.723	0.526–5.650	0.369			
DS ^c , %	0.968	0.916–1.024	0.262			
MLD ^d , mm	2.202	0.727–6.671	0.163	0.818	0.039–7.179	0.697
AS ^c , %	0.997	0.949–1.048	0.910			
MLA ^e , mm ²	1.425	0.889–2.285	0.141	1.709	0.422–6.919	0.453
Mean lipid arc, °	2.383	0.893–4.264	0.091	0.937	0.854–1.029	0.172
Lipid length ^d , mm	1.786	0.823–2.671	0.153	1.036	0.943–1.146	0.486
Lipid index	3.352	1.741–5.433	0.038	2.655	0.988–5.433	0.053
DES	1.403	0.707–2.787	0.333			
DCB	0.713	0.359–1.415	0.333			
Aspirin	0.736	0.342–1.581	0.432			
P2Y12 inhibitor	0.822	0.394–1.712	0.600			
β-blocker	0.996	0.429–1.313	0.993			
Statin	1.019	0.411–2.524	0.968			
NT-proBNP ^f , pg/mL	1.383	0.785–3.267	0.259			
Lesion length, mm	1.897	0.783–3.662	0.286			
Mean balloon used	0.99	0.625–1.568	0.967			
Maximal balloon pressure, atm	0.962	0.849–1.089	0.537			
Mean balloon diameter, mm	1.165	0.604–2.245	0.649			
Mean balloon length, mm	1.094	0.957–1.250	0.189	1.048	0.901–1.219	0.543
procedural time, mm	0.992	0.980–1.004	0.204			
contrast medium used, mL	1.001	0.995–1.006	0.951			

^a, OR for age was calculated for each 1-year increase; ^b, OR for total cholesterol, triglyceride, LDL-C and HDL-C were calculated for each 1.0 mmol/L increase; ^c, OR for DS and AS was calculated for each 1% increase; ^d, OR for MLD was calculated for each 1 mm increase; ^e, OR for MLA was calculated for each 1 mm² increase; ^f, OR for NT-proBNP was calculated for each 1 pg/mL increase.