

Supplementary Table 1. Summary of patients' clinical characteristics according to the datasets.

	Overall (n=1088)	Testing data (n=325)	Training data (n=763)	P value
Demographic characteristics				
Age ≥35years, (%)	934 (85.8)	277 (85.2)	657 (86.1)	0.776
Male, (%)	997 (91.6)	302 (92.9)	695 (91.1)	0.378
Type 2 diabetes, (%)	205 (18.8)	66 (20.3)	139 (18.2)	0.470
Hypertension, (%)	475 (43.7)	138 (42.5)	337 (44.2)	0.651
BMI ≥24, (%)	840 (77.2)	248 (76.3)	592 (77.6)	0.702
Prior stroke, (%)	15 (1.4)	5 (1.5)	10 (1.3)	0.991
History of smoking, (%)	634 (58.3)	206 (63.4)	428 (56.1)	0.030
History of drinking, (%)	409 (37.6)	135 (41.5)	274 (35.9)	0.092
Family history of CAD, (%)	34 (3.1)	9 (2.8)	25 (3.3)	0.803
UA, (%)	678 (62.3)	209 (64.3)	469 (61.5)	0.414
NSTEMI, (%)	196 (18.0)	52 (16.0)	144 (18.9)	0.297
STEMI, (%)	214 (19.7)	64 (19.7)	150 (19.7)	0.943
Laboratory testing				
Anemia, (%)	53 (4.9)	12 (3.7)	41 (5.4)	0.305
Platelet ≥300, (%)	129 (11.9)	44 (13.5)	85 (11.1)	0.309
MPV ≥10fL, (%)	275 (25.3)	71 (21.8)	204 (26.7)	0.105
NT-proBNP ≥300pg/mL, (%)	307 (28.2)	82 (25.2)	225 (29.5)	0.175
Cardiac troponin I ≥0.02ng/mL, (%)	580 (53.3)	165 (50.8)	415 (54.4)	0.303
CK-MB ≥24IU/L, (%)	336 (30.9)	93 (28.6)	243 (31.8)	0.325
eGFR ≥90mL/min/1.73m ² , (%)	831 (76.4)	251 (77.2)	580 (76.0)	0.723
Total bilirubin ≥21μmol/L (%)	153 (14.1)	44 (13.5)	109 (14.3)	0.819
Fibrinogen ≥4g/L, (%)	245 (22.5)	70 (21.5)	175 (22.9)	0.670
D-Dimmer ≥0.5μmol/L (%)	133 (12.2)	36 (11.1)	97 (12.7)	0.514
LDL-C ≥3.9mmol/L, (%)	137 (12.6)	33 (10.2)	104 (13.6)	0.138
HDL-C ≥1.03mmol/L, (%)	334 (30.7)	101 (31.1)	233 (30.5)	0.917
TG ≥1.7mmol/L, (%)	557 (51.2)	169 (52.0)	388 (50.9)	0.779
Lipoprotein (a) ≥30mg/dL, (%)	288 (26.5)	90 (27.7)	198 (26.0)	0.602
Homocysteine ≥15μmol/L, (%)	300 (27.6)	85 (26.2)	215 (28.2)	0.542
CRP ≥5mg/L, (%)	325 (29.9)	96 (29.5)	229 (30.0)	0.933
Preoperative BG ≥7mmol/L, (%)	364 (33.5)	112 (34.5)	252 (33.0)	0.698
Angiographic data				
Gensini score (mean (SD))	37.71(29.25)	35.88(26.55)	38.49(30.31)	0.178
High Gensini score, (%)	509 (46.8)	152 (46.8)	357 (46.8)	1.000

BG=blood glucose; BMI=body mass index; CAD=coronary artery disease; CRP= C-reactive protein; eGFR=estimated glomerular filtration rate; HDL-C= high-density lipoprotein cholesterol; LDL-C= low-density lipoprotein cholesterol; MPV=mean platelet volume; NSTEMI= non-ST-segment elevation myocardial infarction; NT-proBNP= N-terminal of the prohormone brain

natriuretic peptide; STEMI= ST-segment elevation myocardial infarction; TG= triglyceride; UA= unstable angina. *P < 0.05.