

**Supplementary Table 1 Balance check between training set and validation set**

Variables	Total (n = 295)	Test (n = 89)	Train (n = 206)	Statistic	P value
Age, mean $\pm$ SD	70.68 $\pm$ 8.47	71.06 $\pm$ 8.25	70.51 $\pm$ 8.58	t = 0.51	0.612
Hypertension, n(%)				$\chi^2$ = 0.56	0.455
No	211 (71.53)	61 (68.54)	150 (72.82)		
Yes	84 (28.47)	28 (31.46)	56 (27.18)		
Diabetes, n(%)				$\chi^2$ = 0.06	0.812
No	228 (77.29)	68 (76.40)	160 (77.67)		
Yes	67 (22.71)	21 (23.60)	46 (22.33)		
Smoking, n(%)				$\chi^2$ = 0.11	0.736
No	178 (60.34)	55 (61.80)	123 (59.71)		
Yes	117 (39.66)	34 (38.20)	83 (40.29)		
High-salt diet, n(%)				$\chi^2$ = 1.35	0.245
No	203 (68.81)	57 (64.04)	146 (70.87)		
Yes	92 (31.19)	32 (35.96)	60 (29.13)		
RBC, mean $\pm$ SD	4.65 $\pm$ 1.02	4.56 $\pm$ 0.97	4.69 $\pm$ 1.04	t = -1.02	0.311
NLR, mean $\pm$ SD	2.25 $\pm$ 0.61	2.20 $\pm$ 0.54	2.27 $\pm$ 0.63	t = -0.94	0.346
TC, mean $\pm$ SD	5.01 $\pm$ 1.21	4.93 $\pm$ 1.14	5.05 $\pm$ 1.24	t = -0.73	0.464
HDL-C, mean $\pm$ SD	1.36 $\pm$ 0.25	1.40 $\pm$ 0.22	1.35 $\pm$ 0.25	t = 1.68	0.094
LDL-C, mean $\pm$ SD	3.29 $\pm$ 0.41	3.28 $\pm$ 0.34	3.30 $\pm$ 0.44	t = -0.44	0.661

RBC: Red blood cell; NLR: Neutrophil lymphocyte ratio; TC: Total cholesterol; HDL-C: High-density lipoprotein cholesterol; LDL-C: Low-density lipoprotein cholesterol.

**Supplementary Table 2 Multivariate Logistic regression analysis and collinearity diagnosis of training set**

Variables	$\beta$	S.E	Z	P value	OR (95%CI)	VIF
Age	0.09	0.02	3.78	< 0.001	1.10 (1.05-1.15)	1.058
Hypertension						1.064
No					1.00 (Reference)	
Yes	1.47	0.46	3.19	0.001	4.37 (1.76-10.82)	
Diabetes						1.035
No					1.00 (Reference)	
Yes	1.33	0.48	2.76	0.006	3.77 (1.47-9.67)	
Smoking						1.023
No					1.00 (Reference)	
Yes	0.92	0.37	2.46	0.014	2.51 (1.21-5.23)	
High-salt diet						1.019
No					1.00 (Reference)	
Yes	1.46	0.42	3.48	< 0.001	4.32 (1.89-9.87)	
NLR	1.65	0.35	4.69	< 0.001	5.20 (2.61-10.35)	1.061
TC	0.21	0.15	1.35	0.176	1.23 (0.91-1.66)	1.035
HDL-C	-2.25	0.75	-3.02	0.003	0.11 (0.02-0.45)	1.034
LDL-C	1.23	0.45	2.74	0.006	3.42 (1.42-8.23)	1.026

NLR: Neutrophil lymphocyte ratio; TC: Total cholesterol; HDL-C: High-density lipoprotein cholesterol; LDL-C: Low-density lipoprotein cholesterol.