

Supplementary Table 2. Coefficients and lambda.1se value of different LASSO in training set

Factor	Type measure	Coefficients	Lambda.1se
Model A			
FBG, mmol/L	AUC	0.037	0.064
eGFR, mL/min		0.089	
SBP, mm Hg		0.330	
LDL-C, mmol/L		0.003	
Model B			
Age, yr-old	Class	0.010	0.053
BMI, kg/m ²		0.040	
FBG, mmol/L		0.129	
TC, mmol/L		0.365	
Course of disease, yr		<0.001	
Model C			
Age, yr-old	MSE	0.022	0.034
Waistline, cm		0.045	
HbA1c, %		0.438	
FBG, mmol/L		0.153	
PBG, mmol/L		-0.110	
TG, mmol/L		0.169	
UA, μmol/L		0.001	
Model D			
Age, yr-old	Deviance	0.022	0.034
BMI, kg/m ²		0.045	
HbA1c, %		0.438	
FBG, mmol/L		0.169	
PBG, mmol/L		0.001	
LDL-C, mmol/L		0.153	
HDL-C, mmol/L		-0.110	

LASSO, Least Absolute Shrinkage and Selection Operator; FBG, fasting blood glucose; eGFR, estimated glomerular filtration rate; SBP, systolic blood pressure; LDL-C, low-density lipoprotein cholesterol; AUC, area under curve; BMI, body mass index; TC, total cholesterol; HbA1c, glycosylated hemoglobin; PBG, postprandial blood glucose; TG, triglyceride; UA, uric acid; MSE, mean squared error; LDL-C, low-density lipoprotein cholesterol; HDL-C, high-density lipoprotein cholesterol.