Table S1 Cardiovascular risk classifications based on fasting and non-fasting lipid profiles using China ASCVD risk estimator: group * risk category crosstabulation

Group	Risk category, n (%)				Total, n (%)
	Low-risk	Moderate-risk	High-risk	Very high-risk	
Fasting risk category	63 (49.6)	24 (18.9)	29 (22.8)	11 (8.7)	127 (100.0)
Postprandial 2 h risk category	70 (55.1)	22 (17.3)	24 (18.9)	11 (8.7)	127 (100.0)
Postprandial 4 h risk category	70 (55.1)	20 (15.7)	26 (20.5)	11 (8.7)	127 (100.0)
Total, n (%)	203 (53.3)	66 (17.3)	79 (20.7)	33 (8.7)	381 (100.0)

*, Square.

Table S2 Cardiovascular risk classifications based on fasting and non-fasting lipid profiles using China ASCVD risk estimator: chi-square tests

	Value	df	Asymptotic significance (2-sided)
Pearson chi-square	1.327[a]	6	0.970
Likelihood ratio	1.331	6	0.970
Linear-by-linear association	0.369	1	0.543
N of valid cases	381		

[a], 0 cells (0.0%) have expected count less than 5. The minimum expected count is 11.00.

Table S3 Cardiovascular risk classifications based on fasting and non-fasting lipid profiles using SCORE low-risk chart: group * risk category crosstabulation

Group	Risk category, n (%)				Total, n (%)
	Low-risk	Moderate-risk	High-risk	Very high-risk	
Fasting risk category	32 (25.2)	71 (55.9)	13 (10.2)	11 (8.7)	127 (100.0)
Postprandial 2 h risk category	32 (25.2)	71 (55.9)	13 (10.2)	11 (8.7)	127 (100.0)
Postprandial 4 h risk category	31 (24.4)	72 (56.7)	13 (10.2)	11 (8.7)	127 (100.0)
Total, n (%)	95 (24.9)	214 (56.2)	39 (10.2)	33 (8.7)	381 (100.0)

*, square.

Table S4 Cardiovascular risk classifications based on fasting and non-fasting lipid profiles using SCORE low-risk chart: chi-square tests

	Value	df	Asymptotic significance (2-sided)
Pearson chi-square	0.030[a]	6	1.000
Likelihood ratio	0.030	6	1.000
Linear-by-linear association	0.006	1	0.940
N of valid cases	381		

[a], 0 cells (0.0%) have expected count less than 5. The minimum expected count is 11.00.

Table S5 Cardiovascular risk classifications based on fasting and non-fasting lipid profiles using SCORE high-risk chart: group * risk category crosstabulation

Group	Risk category, n (%)				Total, n (%)
	Low-risk	Moderate-risk	High-risk	Very high-risk	
Fasting risk category	19 (15.0)	68 (53.5)	29 (22.8)	11 (8.7)	127 (100.0)
Postprandial 2 h risk category	19 (15.0)	71 (55.9)	26 (20.5)	11 (8.7)	127 (100.0)
Postprandial 4 h risk category	19 (15.0)	70 (55.1)	27 (21.3)	11 (8.7)	127 (100.0)
Total, n (%)	57 (15.0)	209 (54.9)	82 (21.5)	33 (8.7)	381 (100.0)

*, square.

Table S6 Cardiovascular risk classifications based on fasting and non-fasting lipid profiles using SCORE high-risk chart: chi-square tests

	Value	df	Asymptotic significance (2-sided)
Pearson chi-square	0.238[a]	6	1.000
Likelihood ratio	0.237	6	1.000
Linear-by-linear association	0.024	1	0.877
N of valid cases	381		

[a], 0 cells (0.0%) have expected count less than 5. The minimum expected count is 11.00.