

**Supplementary Table 1** relationship between TyG index and the risk of NAFLD  
excluded subjects with diabetes, CVD and stroke

	TyG index			
	n	unadjusted	Model 1	Model 2
As continuous	37428	1.687(1.589,1.792)	1.571(1.480,1.668)	1.342(1.257,1.433)
Quartile 1	9536	Reference	Reference	Reference
Quartile 2	9368	1.036(0.938,1.144)	1.019 (0.923,1.125)	0.986(0.887,1.097)
Quartile 3	9350	1.239(1.127,1.362)	1.209(1.099,1.330)	1.076(0.970,1.193)
Quartile 4	9354	1.846(1.691,2.014)	1.681(1.540,1.836)	1.389(1.261,1.530)
<i>P</i> for trend		<0.001	<0.001	<0.001

Quartile 1  $\leq$  8.08; 8.09 < Quartile 2  $\leq$  8.40; 8.41 < Quartile 3  $\leq$  8.72; 8.73 < Quartile 4

Model 1: adjusted age and sex;

Model 2: model 1 plus living alone, current smoking, exercise, waist-to-height ratio, systolic blood pressure, diastolic blood pressure, alanine aminotransferase, aspartate aminotransferase, total bilirubin, total cholesterol.