

Supplementary Table 2. Association of body composition indexes and non-alcoholic fatty liver disease prevalence

Model	Indices	OR (95% CI) ^{a)}	p-value
1	Lean mass index (kg/cm ²) ^{b)}		
	Tertile 1	Reference	
	Tertile 2	1.66 (1.49–1.85)	<0.001
	Tertile 3	3.68 (3.25–4.18)	<0.001
2	Total lean muscle mass (kg) ^{c)}		
	Tertile 1	Reference	
	Tertile 2	1.83 (1.64–2.04)	<0.001
	Tertile 3	2.89 (2.54–3.28)	<0.001
3	Total fat proportion (%) ^{d)}		
	Tertile 1	Reference	
	Tertile 2	2.25 (1.97–2.57)	<0.001
	Tertile 3	7.58 (6.56–8.75)	<0.001
4	Waist circumference ^{e)}		
	Low	Reference	
	High	1 (0.93–1.07)	0.950

OR, odds ratio; CI, confidence interval.

^{a)}OR, 95% CI, and *p*-values were calculated using generalized linear mixed model with logit link function. Each participant was regarded as random effect, and indices were regarded as fixed effect. OR is adjusted by age (year), obesity (kg/cm²), sex, diabetes mellitus, smoking status (nonsmoker, past smoker, or current smoker). ^{b)}For male, the cutoffs of lean mass index by tertile are 17.15 kg/cm² and 18.44 kg/cm². For female, the cutoffs are 15.30 kg/cm² and 16.41 kg/cm². ^{c)}For male, the cutoffs of lean muscle mass by tertile are 46.97 kg and 52.10 kg. For female, the cut-offs are 35.6 kg and 39.3 kg. ^{d)}For male, the cutoffs of fat proportion by tertile are 19.10% and 23.63%. For female, the cutoffs are 29.9% and 34.0%. ^{e)}For male, the cutoff of waist circumference is 90 cm. For female, the cut-off is 85 cm.