

Table S1. Relationship between HSI and non-achievement of LDL cholesterol target.

Unadjusted		Adjusted*	
HR (95% CI)	<i>p</i>	HR (95% CI)	<i>p</i>
HSI (per 1 increment)	1.057 (1.047–1.067)	<0.001	1.101 (0.984–1.231) 0.094

*: Adjusted for age, sex, BMI, regular exercise, current smoker, current drinker, mean blood pressure, daily caloric intake, serum ALT level, serum CRP level, chronic diseases, treatment with anti-dyslipidemic medications, and changes in LDL cholesterol level per year.

Abbreviations: HSI, hepatic steatosis index; LDL, low-density lipoprotein; HR, hazard ratio; CI, confidence interval; BMI, body mass index; ALT, alanine aminotransferase; CRP, C-reactive protein.

Table S2. Relationship between NAFLD status using HSI and non-achievement of LDL cholesterol target

Fatty liver ruled out		Fatty liver neither ruled in nor ruled out		Fatty liver ruled in	
		HRs (95% CIs)	<i>p</i>	HRs (95% CIs)	<i>p</i>
Unadjusted	1 (reference)	1.418 (1.276–1.576)	<0.001	1.887 (1.670–2.132)	<0.001
Model 1	1 (reference)	1.327 (1.158–1.521)	<0.001	1.534 (1.243–1.894)	<0.001
Model 2	1 (reference)	1.176 (1.025–1.350)	0.021	1.120 (0.900–1.393)	0.302
Model 3	1 (reference)	1.134 (0.982–1.308)	0.086	1.209 (0.965–1.514)	0.099

Model 1: Adjusted for age, sex, BMI, regular exercise, current smoker, current drinker, mean blood pressure, and daily caloric intake.

Model 2: Adjusted for variables in Model 1 plus serum ALT level, serum CRP level, and chronic diseases.

Model 3: Adjusted for variables in Model 2 plus treatment with anti-dyslipidemic medications, and changes in LDL cholesterol level per year.

Abbreviations: NAFLD, non-alcoholic fatty liver disease; HSI, hepatic steatosis index; LDL, low-density lipoprotein; HRs, hazard ratios; CIs, confidence intervals; BMI, body mass index; ALT, alanine aminotransferase; CRP, C-reactive protein.