

Supplementary Table 2. HRs and 95% CIs for the incidence of myocardial infarction, stroke, and all-cause death during follow-up according to the ranges of LDL-C level, setting the LDL-C range with the lowest hazard as a reference

Variable	Ranges of LDL-C, mg/dL						
	LDL-C <55 (n=29,211)	55 ≤ LDL-C <70 (n=56,783)	70 ≤ LDL-C <100 (n=310,485)	100 ≤ LDL-C <130 (n=483,160)	130 ≤ LDL-C <160 (n=340,275)	160 ≤ LDL-C (n=171,702)	
Myocardial infarction							
No. of events	1,082	2,056	11,073	17,658	13,370	7,514	
Follow-up duration, person-years	212,710.81	417,594.37	2,314,372.97	3,651,944.31	2,591,519.59	1,311,682.44	
Incidence rate, /1,000 person-years	5.09	4.92	4.78	4.84	5.16	5.73	
HR (95% CI) in model 1	1.01 (0.94–1.09)	1 (reference)	1.01 (0.96–1.06)	1.09 (1.01–1.11)	1.17 (1.12–1.23)	1.34 (1.28–1.41)	
HR (95% CI) in model 2	1.01 (0.94–1.09)	1 (reference)	1.02 (0.97–1.06)	1.07 (1.03–1.12)	1.19 (1.14–1.25)	1.38 (1.31–1.44)	
HR (95% CI) in model 3	0.97 (0.90–1.04)	1 (reference)	1.03 (0.97–1.08)	1.10 (1.05–1.15)	1.22 (1.17–1.28)	1.40 (1.33–1.47)	
HR (95% CI) in model 4	0.98 (0.91–1.05)	1 (reference)	1.03 (0.98–1.08)	1.10 (1.05–1.15)	1.22 (1.16–1.28)	1.40 (1.33–1.47)	
Stroke							
No. of events	1,929	3,469	18,275	28,722	20,939	10,890	
Follow-up duration, person-years	210,045.40	413,549.31	2,292,568.95	3,616,300.87	2,565,780.53	1,300,293.16	
Incidence rate, /1,000 person-years	9.18	8.39	7.97	7.94	8.16	8.38	
HR (95% CI) in model 1	1.07 (1.02–1.12)	1.01 (0.98–1.05)	1 (reference)	1.04 (1.02–1.06)	1.12 (1.10–1.14)	1.21 (1.18–1.24)	
HR (95% CI) in model 2	1.06 (1.02–1.12)	1.01 (0.97–1.05)	1 (reference)	1.04 (1.02–1.06)	1.13 (1.10–1.15)	1.22 (1.19–1.25)	
HR (95% CI) in model 3	1.00 (0.95–1.05)	0.99 (0.95–1.03)	1 (reference)	1.05 (1.03–1.07)	1.13 (1.11–1.16)	1.21 (1.18–1.24)	
HR (95% CI) in model 4	1.00 (0.96–1.05)	0.99 (0.96–1.03)	1 (reference)	1.05 (1.03–1.07)	1.13 (1.11–1.15)	1.21 (1.19–1.24)	
All-cause death							
No. of events	7,330	12,470	59,219	79,571	50,784	24,589	
Follow-up duration, person-years	237,856.40	468,291.28	2,600,442.28	4,111,872.57	2,924,160.65	1,483,916.34	
Incidence rate, /1,000 person-years	30.82	26.63	22.77	19.35	17.37	16.57	
HR (95% CI) in model 1	1.38 (1.34–1.41)	1.24 (1.21–1.26)	1.10 (1.09–1.11)	1.01 (1.00–1.02)	1 (reference)	1.07 (1.05–1.08)	
HR (95% CI) in model 2	1.37 (1.33–1.40)	1.23 (1.20–1.25)	1.09 (1.08–1.11)	1.00 (0.99–1.02)	1 (reference)	1.07 (1.05–1.08)	
HR (95% CI) in model 3	1.34 (1.31–1.37)	1.22 (1.20–1.24)	1.09 (1.08–1.11)	1.01 (0.99–1.02)	1 (reference)	1.06 (1.05–1.08)	
HR (95% CI) in model 4	1.35 (1.32–1.39)	1.22 (1.20–1.25)	1.092 (1.08–1.11)	1.01 (0.99–1.02)	1 (reference)	1.07 (1.05–1.08)	

Model 1: adjusted for age, sex, body mass index, current smoking, heavy alcohol consumption, regular exercise, low-income status, diabetes, hypertension, and statin use; Model 2: adjusted for Model 1 plus Charlson Comorbidity Index; Model 3: adjusted for model 2 plus triglyceride level; Model 4: adjusted for Model 3 plus high-density lipoprotein-cholesterol level. To account for the changes in LDL-C level and statin use during the follow-up period, a time-dependent Cox regression analysis was performed calculating the HRs for outcomes. HR, hazard ratio; CI, confidence interval; LDL-C, low-density lipoprotein cholesterol.