

Supplementary Table 8. 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, sensitivity analysis after excluding individuals who developed outcomes within 2 years from baseline

Variable	Ranges of LDL-C, mg/dL						
	LDL-C <55	55 ≤ LDL-C <70	70 ≤ LDL-C <100	100 ≤ LDL-C <130	130 ≤ LDL-C <160	160 ≤ LDL-C	
Myocardial infarction							
Number	27,892	54,537	299,815	469,626	331,519	167,164	
No. of events	878	1,681	8,921	14,285	10,760	5,983	
Follow-up duration, person-years	211,297.26	415,175.53	2,302,683.46	3,636,875.01	2,581,787.37	1,306,753.88	
Incidence rate, /1,000 person-years	4.16	4.05	3.87	3.93	4.17	4.58	
Fully-adjusted HR (95% CI) ^a	0.97 (0.91–1.04)	0.97 (0.92–1.02)	0.95 (0.93–0.98)	1 (reference)	1.10 (1.07–1.13)	1.24 (1.21–1.28)	
Stroke							
Number	27,712	54,247	298,302	467,114	329,748	166,296	
No. of events	1,535	2,737	14,365	22,544	16,338	8,368	
Follow-up duration, person-years	208,447.28	410,818.97	2,279,303.49	3,598,633.4	2,554,257.6	1,294,468.64	
Incidence rate, /1,000 person-years	7.36	6.66	6.3	6.26	6.4	6.46	
Fully-adjusted HR (95% CI) ^a	1.06 (1.00–1.11)	0.99 (0.95–1.03)	0.97 (0.95–0.99)	1 (reference)	1.07 (1.05–1.09)	1.13 (1.10–1.16)	
All-cause death							
Number	28,043	54,855	301,615	472,524	333,815	168,525	
No. of events	6,162	10,542	50,349	68,935	44,324	21,412	
Follow-up duration, person-years	236,589.81	466,166.37	2,590,543.92	4,099,767.18	2,916,757.3	1,480,321.8	
Incidence rate, /1,000 person-years	26.05	22.61	19.44	16.81	15.2	14.46	
Fully-adjusted HR (95% CI) ^a	1.35 (1.31–1.38)	1.21 (1.19–1.24)	1.08 (1.07–1.09)	1 (reference)	1.00 (0.99–1.01)	1.06 (1.04–1.07)	

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.

^aAdjusted for age, sex, body mass index, current smoking, heavy alcohol consumption, regular exercise, low-income status, diabetes, hypertension, and statin use.