

**Supplemental Table S6.** HRs (95% CIs) of Study Outcomes in the Low HDL-C Group and the Quartile Groups of HDL-C According to LDL-C Categories

Variable	LDL-C, mg/dL					
	<70	70–99	100–129	130–159	160–189	≥190
<b>Myocardial infarction</b>						
Normal HDL-C	1 (ref)	1 (ref)	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Low HDL-C	1.09 (1.02–1.16)	1.09 (1.05–1.13)	1.13 (1.10–1.17)	1.18 (1.15–1.22)	1.15 (1.09–1.21)	1.31 (1.20–1.43)
HDL-C quartiles						
Q1	1.04 (0.97–1.12)	1.07 (1.02–1.11)	1.16 (1.12–1.20)	1.29 (1.24–1.35)	1.30 (1.21–1.40)	1.32 (1.18–1.48)
Q2	0.92 (0.85–1.00)	1.01 (0.97–1.06)	1.04 (1.01–1.08)	1.17 (1.12–1.22)	1.17 (1.09–1.25)	1.07 (0.95–1.20)
Q3	0.95 (0.87–1.02)	0.99 (0.95–1.03)	1.00 (0.96–1.04)	1.05 (1.01–1.10)	1.05 (0.97–1.13)	1.00 (0.89–1.14)
Q4	1 (ref)	1 (ref)	1 (ref)	1 (ref)	1 (ref)	1 (ref)
<i>P</i> value	0.006	0.002	<0.001	<0.001	<0.001	<0.001
<b>Stroke</b>						
Normal HDL-C	1 (ref)	1 (ref)	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Low HDL-C	1.04 (0.99–1.10)	1.09 (1.06–1.12)	1.06 (1.04–1.09)	1.07 (1.04–1.10)	1.08 (1.03–1.13)	1.06 (0.97–1.15)
HDL-C quartiles						
Q1	1.03 (0.97–1.09)	1.06 (1.03–1.10)	1.08 (1.05–1.12)	1.06 (1.02–1.10)	1.13 (1.06–1.20)	1.08 (0.96–1.20)
Q2	1.02 (0.95–1.09)	0.97 (0.94–1.01)	1.02 (0.99–1.05)	1.01 (0.97–1.05)	1.05 (0.98–1.12)	1.07 (0.95–1.19)
Q3	0.97 (0.91–1.04)	1.00 (0.96–1.03)	1.02 (0.98–1.05)	0.97 (0.94–1.01)	1.03 (0.96–1.10)	0.95 (0.84–1.07)
Q4	1 (ref)	1 (ref)	1 (ref)	1 (ref)	1 (ref)	1 (ref)
<i>P</i> value	0.423	<0.001	<0.001	<0.001	<0.001	0.062
<b>All-cause mortality</b>						
Normal HDL-C	1 (ref)	1 (ref)	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Low HDL-C	1.26 (1.22–1.30)	1.18 (1.15–1.20)	1.13 (1.12–1.15)	1.12 (1.09–1.14)	1.11 (1.07–1.15)	1.21 (1.13–1.29)
HDL-C quartiles						
Q1	1.31 (1.27–1.36)	1.15 (1.12–1.17)	1.10 (1.08–1.12)	1.07 (1.04–1.10)	1.02 (0.97–1.07)	1.12 (1.03–1.22)
Q2	1.15 (1.11–1.19)	1.02 (1.00–1.04)	1.00 (0.98–1.02)	0.98 (0.95–1.00)	0.95 (0.90–1.00)	0.94 (0.86–1.02)
Q3	1.08 (1.04–1.12)	0.99 (0.96–1.01)	0.97 (0.95–0.99)	0.97 (0.94–1.00)	0.90 (0.86–0.95)	0.93 (0.85–1.01)
Q4	1 (ref)	1 (ref)	1 (ref)	1 (ref)	1 (ref)	1 (ref)
<i>P</i> value	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

HRs were obtained after adjusting for age, sex, smoking status, alcohol consumption, physical activity, income, body mass index, hypertension, diabetes mellitus, estimated glomerular filtration rate, LDL-C, and triglycerides.

HR, hazard ratio; CI, confidence interval; HDL-C, high-density lipoprotein cholesterol; LDL-C, low-density lipoprotein cholesterol; Q, quartile.