

**Supplemental Table S1.** Incidence and Risk of Study Outcomes According to LDL-C to HDL-C Categories

Variable	Number	Event	IR <sup>a</sup>	HR (95% CI)			
				Model 1 <sup>b</sup>	Model 2 <sup>c</sup>	Model 3 <sup>d</sup>	Model 4 <sup>e</sup>
<b>Myocardial infarction</b>							
LDL-C/HDL-C <2.5	5,971,481	44,909	0.91	1 (ref)	1 (ref)	1 (ref)	1 (ref)
LDL-C/HDL-C ≥2.5	2,694,360	36,522	1.65	1.80 (1.78–1.83)	1.40 (1.38–1.42)	1.34 (1.32–1.36)	1.28 (1.26–1.30)
LDL-C/HDL-C							
Q1	2,166,018	14,531	0.82	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Q2	2,167,060	15,909	0.89	1.09 (1.07–1.11)	0.99 (0.97–1.01)	1.00 (0.98–1.03)	1.00 (0.98–1.02)
Q3	2,165,980	20,268	1.13	1.39 (1.36–1.42)	1.12 (1.10–1.15)	1.12 (1.09–1.14)	1.10 (1.07–1.12)
Q4	2,166,783	30,723	1.72	2.11 (2.06–2.15)	1.49 (1.46–1.52)	1.43 (1.40–1.46)	1.36 (1.33–1.39)
<i>P</i> value				<0.001	<0.001	<0.001	<0.001
<b>Stroke</b>							
LDL-C/HDL-C <2.5	5,971,481	65,401	1.33	1 (ref)	1 (ref)	1 (ref)	1 (ref)
LDL-C/HDL-C ≥2.5	2,694,360	45,595	2.06	1.55 (1.53–1.57)	1.15 (1.14–1.17)	1.13 (1.11–1.14)	1.10 (1.09–1.12)
LDL-C/HDL-C							
Q1	2,166,018	21,258	1.19	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Q2	2,167,060	23,148	1.30	1.08 (1.06–1.10)	0.97 (0.95–0.99)	1.00 (0.98–1.01)	1.00 (0.98–1.02)
Q3	2,165,980	28,210	1.58	1.32 (1.30–1.35)	1.02 (1.00–1.04)	1.04 (1.02–1.06)	1.04 (1.02–1.06)
Q4	2,166,783	38,380	2.16	1.80 (1.77–1.83)	1.17 (1.15–1.19)	1.16 (1.14–1.18)	1.14 (1.12–1.16)
<i>P</i> value				<0.001	<0.001	<0.001	<0.001
<b>All-cause mortality</b>							
LDL-C/HDL-C <2.5	5,971,481	158,339	3.21	1 (ref)	1 (ref)	1 (ref)	1 (ref)
LDL-C/HDL-C ≥2.5	2,694,360	85,970	3.86	1.20 (1.19–1.21)	0.89 (0.88–0.90)	0.95 (0.94–0.95)	1.08 (1.07–1.09)
LDL-C/HDL-C							
Q1	2,166,018	63,352	3.55	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Q2	2,167,060	53,968	3.01	0.85 (0.84–0.86)	0.77 (0.77–0.78)	0.83 (0.82–0.84)	0.89 (0.88–0.90)
Q3	2,165,980	57,315	3.20	0.90 (0.89–0.91)	0.72 (0.71–0.73)	0.80 (0.79–0.81)	0.89 (0.88–0.91)
Q4	2,166,783	69,674	3.89	1.09 (1.08–1.10)	0.75 (0.74–0.76)	0.84 (0.83–0.85)	1.00 (0.98–1.01)
<i>P</i> value				<0.001	<0.001	<0.001	<0.001

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

<sup>a</sup>Incidence per 1,000 person-years; <sup>b</sup>Model 1 was unadjusted; <sup>c</sup>Model 2 was adjusted for age and sex; <sup>d</sup>Model 3 was adjusted for age, sex, smoking status, alcohol consumption, physical activity, income, body mass index, hypertension, diabetes mellitus, and estimated glomerular filtration rate; <sup>e</sup>Model 4 was adjusted for age, sex, smoking status, alcohol consumption, physical activity, income, body mass index, hypertension, diabetes mellitus, estimated glomerular filtration rate, low-density lipoprotein cholesterol, and triglycerides.