

Supplemental Table S4. Incidence and Risk of Study Outcomes in the Low HDL-C Group and the Quartile Groups of HDL-C among Patients with Type 2 Diabetes

Variable	Number	Event	IR ^a	HR (95% CI)			
				Model 1 ^b	Model 2 ^c	Model 3 ^d	Model 4 ^e
Myocardial infarction							
Normal HDL-C	384,569	9,396	3.05	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Low HDL-C	143,266	4,355	3.81	1.24 (1.20–1.29)	1.18 (1.14–1.22)	1.16 (1.12–1.20)	1.13 (1.09–1.17)
HDL-C quartiles							
Q1	186,828	5,540	3.72	1.29 (1.23–1.36)	1.22 (1.16–1.28)	1.21 (1.15–1.27)	1.16 (1.10–1.22)
Q2	131,065	3,324	3.16	1.10 (1.04–1.16)	1.09 (1.03–1.15)	1.09 (1.04–1.15)	1.07 (1.01–1.13)
Q3	111,047	2,628	2.95	1.03 (0.97–1.09)	1.04 (0.98–1.10)	1.04 (0.99–1.11)	1.03 (0.97–1.09)
Q4	98,895	2,259	2.87	1 (ref)	1 (ref)	1 (ref)	1 (Ref)
<i>P</i> value				<0.001	<0.001	<0.001	<0.001
Stroke							
Normal HDL-C	384,569	14,862	4.86	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Low HDL-C	143,266	6,942	6.12	1.26 (1.22–1.29)	1.13 (1.10–1.16)	1.12 (1.09–1.16)	1.09 (1.06–1.13)
HDL-C quartiles							
Q1	186,828	8,672	5.86	1.22 (1.17–1.26)	1.11 (1.07–1.15)	1.12 (1.08–1.16)	1.08 (1.04–1.12)
Q2	131,065	5,220	4.99	1.03 (0.99–1.08)	1.01 (0.97–1.06)	1.03 (0.99–1.08)	1.01 (0.97–1.05)
Q3	111,047	4,141	4.67	0.97 (0.93–1.01)	0.98 (0.94–1.02)	0.99 (0.95–1.04)	0.98 (0.94–1.03)
Q4	98,895	3,771	4.82	1 (ref)	1 (ref)	1 (ref)	1 (ref)
<i>P</i> value				<0.001	<0.001	<0.001	<0.001
All-cause mortality							
Normal HDL-C	384,569	32,607	10.50	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Low HDL-C	143,266	13,591	11.75	1.12 (1.09–1.14)	1.08 (1.06–1.10)	1.13 (1.11–1.15)	1.13 (1.11–1.16)
HDL-C quartiles							
Q1	186,828	17,630	11.70	1.00 (0.98–1.03)	0.94 (0.92–0.97)	1.05 (1.02–1.07)	1.06 (1.04–1.09)
Q2	131,065	10,434	9.81	0.84 (0.82–0.86)	0.86 (0.84–0.88)	0.94 (0.91–0.96)	0.95 (0.93–0.98)
Q3	111,047	8,866	9.86	0.84 (0.82–0.87)	0.88 (0.85–0.90)	0.93 (0.90–0.96)	0.94 (0.92–0.97)
Q4	98,895	9,268	11.67	1 (ref)	1 (ref)	1 (ref)	1 (ref)
<i>P</i> value				<0.001	<0.001	<0.001	<0.001

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

^aIncidence per 1,000 person-years; ^bModel 1 was unadjusted; ^cModel 2 was adjusted for age and sex; ^dModel 3 was adjusted for age, sex, smoking status, alcohol consumption, physical activity, income, body mass index, hypertension, diabetes mellitus, and estimated glomerular filtration rate; ^eModel 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.