

Supplemental Table S3. Incidence and Risk of Study Outcomes in the Isolated Low HDL-C and Non-Isolated Low HDL-C Groups According to Sex

Variable	Number	Event	IR ^a	HR (95% CI)			
				Model 1 ^b	Model 2 ^c	Model 3 ^d	Model 4 ^e
Myocardial infarction							
Male							
Normal HDL-C	4,196,294	41,530	1.21	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Isolated low HDL-C	184,739	2,218	1.48	1.23 (1.18–1.28)	1.02 (0.98–1.07)	1.00 (0.96–1.05)	1.08 (1.03–1.12)
Non-isolated low HDL-C	482,013	7,736	1.96	1.63 (1.59–1.67)	1.54 (1.50–1.58)	1.386(1.35–1.42)	1.28 (1.25–1.31)
Female							
Normal HDL-C	2,796,082	18,532	0.80	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Isolated low HDL-C	457,977	3,403	0.90	1.12 (1.08–1.16)	1.02 (0.98–1.05)	1.01 (0.97–1.04)	1.04 (1.00–1.08)
Non-isolated low HDL-C	548,736	8,012	1.77	2.19 (2.14–2.25)	1.23 (1.19–1.26)	1.15 (1.12–1.18)	1.07 (1.04–1.10)
Stroke							
Male							
Normal HDL-C	4,196,294	54,791	1.59	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Isolated low HDL-C	184,739	3,316	2.22	1.39 (1.34–1.44)	1.06 (1.03–1.10)	1.05 (1.02–1.09)	1.10 (1.06–1.14)
Non-isolated low HDL-C	482,013	8,176	2.07	1.30 (1.27–1.33)	1.24 (1.21–1.27)	1.14 (1.11–1.17)	1.07 (1.05–1.10)
Female							
Normal HDL-C	2,796,082	26,979	1.17	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Isolated low HDL-C	457,977	5,375	1.42	1.22 (1.18–1.25)	1.07 (1.04–1.11)	1.06 (1.03–1.09)	1.09 (1.06–1.13)
Non-isolated low HDL-C	548,736	12,359	2.74	2.34 (2.29–2.39)	1.21 (1.18–1.23)	1.12 (1.10–1.15)	1.05 (1.02–1.07)
All-cause mortality							
Male							
Normal HDL-C	4,196,294	140,198	4.05	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Isolated low HDL-C	184,739	10,987	7.29	1.80 (1.76–1.83)	1.32 (1.30–1.35)	1.36 (1.33–1.38)	1.31 (1.28–1.33)
Non-isolated low HDL-C	482,013	17,245	4.34	1.07 (1.05–1.09)	1.02 (1.00–1.04)	1.08 (1.06–1.09)	1.09 (1.07–1.10)
Female							
Normal HDL-C	2,796,082	45,585	1.96	1 (ref)	1 (ref)	1 (ref)	1 (ref)
Isolated low HDL-C	457,977	11,070	2.91	1.48 (1.45–1.51)	1.26 (1.23–1.28)	1.25 (1.23–1.28)	1.20 (1.18–1.23)
Non-isolated low HDL-C	548,736	19,224	4.22	2.13 (2.10–2.17)	1.01 (1.00–1.03)	1.02 (1.01–1.04)	1.05 (1.03–1.07)

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

^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.