

**Supplementary Table 3.** Incidence rate and risk of CVD according to LDL-C levels among subgroups stratified by TG or HDL-C levels

Outcome	LDL-C, mg/dL	Total		TG <200 mg/dL		TG ≥200 mg/dL		HDL-C <40 mg/dL		HDL-C ≥40 mg/dL	
		IR	HR (95% CI)	IR	HR (95% CI)	IR	HR (95% CI)	IR	HR (95% CI)	IR	HR (95% CI)
Composite	<70	9.15	1 (reference)	9.11	1 (reference)	9.22	1 (reference)	9.90	1 (reference)	8.93	1 (reference)
	70–<100	9.75	1.12 (1.07–1.17)	9.38	1.07 (1.01–1.13)	10.82	1.20 (1.11–1.29)	12.00	1.21 (1.11–1.33)	9.21	1.09 (1.04–1.15)
	100–<130	10.08	1.20 (1.15–1.26)	9.81	1.15 (1.09–1.22)	11.02	1.25 (1.16–1.35)	12.75	1.35 (1.23–1.49)	9.52	1.16 (1.10–1.22)
	130–<160	10.89	1.32 (1.26–1.39)	10.30	1.24 (1.17–1.32)	12.99	1.47 (1.35–1.61)	13.64	1.44 (1.30–1.60)	10.38	1.29 (1.22–1.36)
	160–<190	11.79	1.46 (1.37–1.55)	11.02	1.36 (1.26–1.47)	14.29	1.64 (1.47–1.84)	14.79	1.54 (1.34–1.78)	11.31	1.44 (1.34–1.54)
	≥190	13.38	1.65 (1.51–1.80)	13.21	1.65 (1.49–1.83)	13.79	1.57 (1.35–1.84)	15.96	1.74 (1.42–2.13)	12.96	1.62 (1.47–1.78)
	<i>P</i> for trend		<0.001		<0.001		<0.001		<0.001		<0.001
MI	<70	3.04	1 (reference)	3.01	1 (reference)	3.09	1 (reference)	3.66	1 (reference)	2.86	1 (reference)
	70–<100	3.27	1.17 (1.08–1.27)	3.07	1.08 (0.98–1.20)	3.86	1.30 (1.14–1.48)	4.41	1.27 (1.09–1.48)	2.99	1.14 (1.04–1.25)
	100–<130	3.43	1.29 (1.19–1.40)	3.28	1.22 (1.11–1.35)	3.91	1.36 (1.19–1.56)	4.48	1.38 (1.19–1.62)	3.21	1.27 (1.16–1.39)
	130–<160	3.7	1.42 (1.30–1.54)	3.53	1.35 (1.21–1.50)	4.28	1.48 (1.28–1.72)	4.99	1.54 (1.30–1.83)	3.46	1.39 (1.26–1.54)
	160–<190	4.56	1.77 (1.60–1.96)	4.09	1.58 (1.39–1.80)	6.07	2.13 (1.79–2.55)	6.61	1.98 (1.60–2.46)	4.24	1.73 (1.54–1.95)
	≥190	5.37	2.03 (1.77–2.33)	5.06	1.94 (1.64–2.31)	6.13	2.09 (1.66–2.65)	6.63	2.00 (1.46–2.74)	5.17	2.05 (1.76–2.38)
	<i>P</i> for trend		<0.001		<0.001		<0.001		<0.001		<0.001
Stroke	<70	6.49	1 (reference)	6.47	1 (reference)	6.51	1 (reference)	6.81	1 (reference)	6.39	1 (reference)
	70–<100	6.82	1.09 (1.03–1.15)	6.64	1.05 (0.98–1.12)	7.35	1.13 (1.03–1.24)	8.03	1.14 (1.029–1.28)	6.53	1.07 (1.00–1.14)
	100–<130	6.99	1.14 (1.08–1.21)	6.85	1.11 (1.03–1.19)	7.46	1.18 (1.07–1.29)	8.66	1.28 (1.14–1.43)	6.64	1.11 (1.04–1.18)
	130–<160	7.61	1.26 (1.19–1.34)	7.17	1.19 (1.10–1.28)	9.18	1.44 (1.30–1.60)	9.21	1.35 (1.19–1.53)	7.32	1.24 (1.16–1.33)
	160–<190	7.75	1.31 (1.22–1.42)	7.39	1.25 (1.14–1.38)	8.92	1.41 (1.23–1.62)	8.85	1.28 (1.07–1.53)	7.58	1.31 (1.21–1.43)
	≥190	8.49	1.45 (1.30–1.61)	8.63	1.50 (1.32–1.70)	8.14	1.29 (1.06–1.57)	9.66	1.49 (1.15–1.93)	8.30	1.43 (1.27–1.61)
	<i>P</i> for trend		<0.001		<0.001		<0.001		<0.001		<0.001

CVD, cardiovascular disease; LDL-C, low-density lipoprotein cholesterol; TG, triglyceride; HDL-C, high-density lipoprotein cholesterol; IR, incidence rate; HR, hazard ratio; CI, confidence interval; MI, myocardial infarction.