

Supplementary Table 5. Subgroup analysis, risk of myocardial infarction according to the average LDL-C level

Age group, yr	Average LDL-C, mg/dL	Number	MI	Duration, PY	IR, per 1,000 PY	Adjusted HR (95% CI)	
						Composite	Subgroup
Total	<70	129,634	2,801	904,917.68	3.09531	1 (Ref.)	
	<85	164,686	3,406	1,153,685.76	2.95228	0.990 (0.942–1.041)	
	<100	241,456	4,955	1,696,619.49	2.92051	1.021 (0.975–1.070)	
	<115	271,362	5,668	1,908,977.55	2.96913	1.084 (1.035–1.136)	
	<130	240,600	5,228	1,692,193.5	3.08948	1.173 (1.119–1.230)	
	<145	168,538	3,761	1,183,192.56	3.17869	1.254 (1.193–1.318)	
	<160	97,896	2,374	684,748.91	3.46696	1.417 (1.340–1.499)	
	≥160	88,979	2,516	618,205.21	4.06985	1.750 (1.656–1.849)	
<40	<70	9,439	59	67,102.49	0.87925	1 (Ref.)	
	<85	12,951	37	90,830.07	0.40735	0.509 (0.338–0.768)	
	<100	20,458	87	143,125.88	0.60786	0.761 (0.547–1.059)	
	<115	23,504	108	164,465.09	0.65667	0.814 (0.592–1.117)	
	<130	21,049	103	147,007.05	0.70065	0.852 (0.619–1.173)	
	<145	14,784	86	102,801.3	0.83657	1.008 (0.724–1.405)	
	<160	8,802	70	61,271.63	1.14245	1.347 (0.953–1.905)	
	≥160	8,221	99	56,665.67	1.74709	2.057 (1.490–2.840)	
40–49	<70	23,348	257	165,453.65	1.55331	0.994 (0.747–1.323)	
	<85	29,141	301	205,554.12	1.46433	1.004 (0.758–1.331)	
	<100	45,182	432	318,534.95	1.35621	0.969 (0.736–1.275)	
	<115	53,989	579	380,111.53	1.52324	1.116 (0.851–1.462)	
	<130	49,793	539	349,735.64	1.54116	1.154 (0.880–1.514)	
	<145	36,136	428	253,192.55	1.69041	1.284 (0.976–1.690)	
	<160	21,321	269	148,614.76	1.81005	1.389 (1.046–1.846)	
	≥160	19,563	391	135,058.03	2.89505	2.231 (1.692–2.940)	
50–59	<70	39,930	716	280,070.15	2.5565	1.020 (0.775–1.342)	
	<85	49,497	778	349,640.39	2.22514	0.937 (0.713–1.233)	
	<100	72,559	1,150	513,879.74	2.23788	0.976 (0.744–1.280)	
	<115	82,642	1,375	584,134.81	2.35391	1.067 (0.815–1.398)	
	<130	74,896	1,293	529,232.63	2.44316	1.148 (0.876–1.504)	
	<145	53,303	930	375,731.29	2.47517	1.206 (0.919–1.583)	
	<160	31,729	661	222,479.92	2.97105	1.483 (1.126–1.953)	
	≥160	30,068	674	209,541.96	3.21654	1.673 (1.271–2.203)	
60–69	<70	38,152	998	267,461.13	3.73138	0.955 (0.720–1.267)	
	<85	48,159	1,233	340,184.26	3.62451	0.968 (0.731–1.283)	
	<100	67,962	1,811	482,446.16	3.75379	1.026 (0.776–1.357)	
	<115	73,048	1,883	520,697.25	3.6163	1.019 (0.771–1.348)	
	<130	62,218	1,686	443,882.28	3.7983	1.098 (0.830–1.453)	
	<145	42,395	1,250	302,034.98	4.13859	1.225 (0.925–1.622)	
	<160	23,833	737	169,392.27	4.35085	1.332 (1.002–1.771)	
	≥160	20,752	744	146,747.48	5.06993	1.612 (1.213–2.143)	
≥70	<70	18,765	771	124,830.25	6.17639	1.061 (0.787–1.431)	
	<85	24,938	1,057	167,476.93	6.31132	1.117 (0.830–1.502)	
	<100	35,295	1,475	238,632.76	6.18105	1.114 (0.830–1.496)	
	<115	38,179	1,723	259,568.87	6.63793	1.215 (0.906–1.631)	
	<130	32,644	1,607	222,335.9	7.2278	1.349 (1.005–1.812)	
	<145	21,920	1,067	149,432.44	7.14035	1.365 (1.014–1.836)	
	<160	12,211	637	82,990.34	7.67559	1.487 (1.101–2.010)	
	≥160	10,375	608	70,192.07	8.66195	1.732 (1.281–2.340)	

LDL-C, low-density lipoprotein cholesterol; MI, myocardial infarction; PY, person-year; IR, incidence rate; HR, hazard ratio; CI, confidence interval.