

Supplementary Table 1. Association between lipid profiles and colon cancer

Group	Number	Events	Follow-up duration (person-years)	Incidence rate (per 1,000 person-years)	Crude HR (95% CI, <i>p</i> value)	Adjusted HR ^{a)} (95% CI, <i>p</i> value)
Remnant cholesterol group						
1st quartile	46,476	450	312,573.0	1.44	1 (reference)	1 (reference)
2nd quartile	48,695	534	326,300.6	1.64	1.14 (1.00–1.29, <i>p</i> = 0.045)	1.09 (0.96–1.24, <i>p</i> = 0.177)
3rd quartile	50,723	596	339,997.6	1.75	1.22 (1.08–1.38, <i>p</i> = 0.002)	1.14 (1.01–1.29, <i>p</i> = 0.037)
4th quartile	50,300	632	337,087.6	1.87	1.30 (1.15–1.47, <i>p</i> < 0.001)	1.22 (1.08–1.39, <i>p</i> = 0.002)
LDL cholesterol group						
1st quartile	48,260	638	321,677.7	1.98	1 (reference)	1 (reference)
2nd quartile	49,520	561	332,313.7	1.69	0.85 (0.76–0.95, <i>p</i> = 0.005)	0.93 (0.83–1.04, <i>p</i> = 0.195)
3rd quartile	49,603	544	333,322.8	1.63	0.82 (0.73–0.92, <i>p</i> = 0.001)	0.95 (0.85–1.07, <i>p</i> = 0.419)
4th quartile	48,811	469	328,644.6	1.43	0.72 (0.64–0.81, <i>p</i> < 0.001)	0.91 (0.80–1.02, <i>p</i> = 0.117)
HDL cholesterol group						
1st quartile	49,343	575	329,424.3	1.75	1 (reference)	1 (reference)
2nd quartile	50,297	587	337,410.5	1.74	0.95 (0.85–1.07, <i>p</i> = 0.404)	1.08 (0.96–1.22, <i>p</i> = 0.209)
3rd quartile	47,709	533	320,951.0	1.66	0.90 (0.80–1.02, <i>p</i> = 0.090)	1.09 (0.97–1.24, <i>p</i> = 0.156)
4th quartile	48,845	517	328,173.0	1.58	0.87 (0.78–0.97, <i>p</i> = 0.013)	1.05 (0.94–1.18, <i>p</i> = 0.375)
Total cholesterol group						
1st quartile	48,929	627	326,110.0	1.92	1 (reference)	1 (reference)
2nd quartile	48,107	555	322,710.4	1.72	0.89 (0.80–1.00, <i>p</i> = 0.057)	1.00 (0.89–1.12, <i>p</i> = 0.980)
3rd quartile	49,811	545	334,810.4	1.63	0.85 (0.76–0.95, <i>p</i> = 0.005)	1.01 (0.90–1.14, <i>p</i> = 0.832)
4th quartile	49,347	485	332,328.0	1.46	0.76 (0.67–0.86, <i>p</i> < 0.001)	0.99 (0.88–1.12, <i>p</i> = 0.864)
Triglyceride group						
1st quartile	49,804	483	335,025.9	1.44	1 (reference)	1 (reference)
2nd quartile	48,578	534	325,627.1	1.64	1.14 (1.01–1.29, <i>p</i> = 0.040)	1.09 (0.97–1.24, <i>p</i> = 0.163)
3rd quartile	48,992	577	328,182.2	1.76	1.22 (1.08–1.38, <i>p</i> = 0.001)	1.15 (1.02–1.30, <i>p</i> = 0.026)
4th quartile	48,820	618	327,123.5	1.89	1.31 (1.16–1.48, <i>p</i> < 0.001)	1.24 (1.09–1.40, <i>p</i> = 0.001)

HR, hazard ratio; CI, confidence interval; LDL, low-density lipoprotein; HDL, high-density lipoprotein.

^{a)}The model was adjusted for age, sex, income level, residential area, hypertension, diabetes mellitus, Charlson Comorbidity Index, body mass index, hemoglobin, glomerular filtration rate, smoking status, alcohol consumption, and regular exercise status.