

**Supplemental Table II.** Baseline characteristics and number of incident coronary heart disease events by levels of metabolite risk score (deciles).

	Decile: 10th	Decile: 20th	Decile: 30th	Decile: 40th	Decile: 50th	Decile: 60th	Decile: 70th	Decile: 80th	Decile: 90th	Decile: 100th
Participants, n	360	360	360	359	360	360	359	360	360	360
Age (years)	51.2 (5.2)	52.7 (5.5)	52.3 (5.4)	53.0 (5.6)	53.3 (5.6)	53.2 (5.7)	53.8 (5.9)	54.0 (5.9)	54.3 (5.6)	55.6 (5.7)
Male, n (%)	39 (10.8%)	87 (24.2%)	109 (30.3%)	137 (38.2%)	135 (37.5%)	157 (43.6%)	154 (42.9%)	186 (51.7%)	183 (50.8%)	216 (60.0%)
SBP (mm Hg)	121.3 (19.6)	123.2 (19.1)	124.1 (18.3)	123.1 (21.0)	124.3 (19.8)	122.2 (21.1)	124.4 (20.0)	124.9 (19.5)	127.1 (21.3)	130.8 (22.7)
Anti-hypertensive medication use, n (%)	88 (24.4%)	94 (26.1%)	100 (27.8%)	112 (31.2%)	90 (25.0%)	95 (26.4%)	97 (27.0%)	121 (33.6%)	124 (34.4%)	183 (50.8%)
HDL-c (mmol/L)	1.6 (0.5)	1.5 (0.5)	1.5 (0.4)	1.4 (0.4)	1.4 (0.4)	1.4 (0.4)	1.3 (0.4)	1.3 (0.4)	1.3 (0.4)	1.2 (0.4)
TC (mmol/L)	5.5 (1.2)	5.6 (1.0)	5.4 (1.1)	5.5 (1.0)	5.5 (1.0)	5.5 (1.1)	5.5 (1.1)	5.5 (1.0)	5.7 (1.2)	5.6 (1.2)
Prevalent Diabetes, n (%)	30 (8.3%)	34 (9.4%)	31 (8.6%)	43 (12.0%)	38 (10.6%)	47 (13.1%)	53 (14.8%)	44 (12.2%)	55 (15.3%)	82 (22.8%)
Smoking status										
Current, n (%)	75 (20.8%)	88 (24.4%)	82 (22.8%)	79 (22.0%)	104 (28.9%)	115 (31.9%)	115 (32.0%)	101 (28.1%)	108 (30.0%)	116 (32.2%)
Former, n (%)	107 (29.7%)	79 (21.9%)	88 (24.4%)	104 (29.0%)	92 (25.6%)	98 (27.2%)	106 (29.5%)	94 (26.1%)	109 (30.3%)	112 (31.1%)
Never, n (%)	178 (49.4%)	193 (53.6%)	190 (52.8%)	176 (49.0%)	164 (45.6%)	147 (40.8%)	138 (38.4%)	165 (45.8%)	143 (39.7%)	132 (36.7%)

Abbreviations: CHD, coronary heart disease; SBP, systolic blood pressure; HDL-c, high-density lipoprotein cholesterol, and TC, serum total cholesterol.

Data are expressed as mean ± standard errors for quantitative traits.