

**Supplementary Table 6.** Results of multivariable Cox analysis mean and variability of non-HDL-C and apoB in all subjects

Variable	Model 1			Model 2			Model 3			Model 4		
	Tertile 1	Tertile 2	Tertile 3	Tertile 1	Tertile 2	Tertile 3	Tertile 1	Tertile 2	Tertile 3	Tertile 1	Tertile 2	Tertile 3
<b>Non-HDL-C</b>												
Mean	1 (reference)	1.05 (0.85–1.29)	1.05 (0.86–1.29)	1 (reference)	1.13 (0.92–1.39)	1.15 (0.94–1.40)	1 (reference)	1.06 (0.86–1.30)	1.1 (0.89–1.35)	1 (reference)	1.12 (0.91–1.38)	1.14 (0.93–1.40)
SD <sup>a</sup>	1 (reference)	1.09 (0.88–1.34)	1.38 (1.13–1.69)	1 (reference)	1.04 (0.84–1.28)	1.24 (1.01–1.52)	1 (reference)	1.05 (0.85–1.30)	1.07 (0.87–1.32)	1 (reference)	1.07 (0.87–1.33)	1.09 (0.89–1.34)
CV <sup>a</sup>	1 (reference)	0.94 (0.76–1.16)	1.34 (1.01–1.63)	1 (reference)	0.83 (0.67–1.03)	1.15 (0.84–1.40)	1 (reference)	0.87 (0.70–1.08)	1.09 (0.89–1.33)	1 (reference)	0.9 (0.73–1.12)	1.11 (0.91–1.36)
VIM <sup>a</sup>	1 (reference)	0.97 (0.78–1.20)	1.28 (1.05–1.56)	1 (reference)	0.91 (0.74–1.12)	1.14 (0.94–1.39)	1 (reference)	0.96 (0.77–1.18)	1.04 (0.85–1.27)	1 (reference)	0.99 (0.80–1.22)	1.07 (0.88–1.31)
ARV <sup>a</sup>	1 (reference)	1.01 (0.82–1.25)	1.32 (1.08–1.61)	1 (reference)	0.93 (0.75–1.15)	1.21 (0.99–1.48)	1 (reference)	0.93 (0.75–1.15)	1.04 (0.84–1.27)	1 (reference)	0.94 (0.76–1.16)	1.06 (0.86–1.30)
<b>ApoB</b>												
Mean	1 (reference)	1.13 (0.79–1.61)	1.25 (0.88–1.76)	1 (reference)	1.33 (0.93–1.90)	1.36 (0.96–1.93)	1 (reference)	1.15 (0.80–1.65)	1.3 (0.92–1.85)	1 (reference)	1.23 (0.85–1.77)	1.31 (0.92–1.86)
SD <sup>a</sup>	1 (reference)	1.35 (0.94–1.94)	1.87 (1.62–2.66)	1 (reference)	1.34 (0.93–1.93)	1.73 (1.22–2.46)	1 (reference)	1.2 (0.82–1.74)	1.47 (1.02–2.12)	1 (reference)	1.23 (0.84–1.79)	1.55 (1.07–2.25)
CV <sup>a</sup>	1 (reference)	1.35 (0.94–1.93)	1.77 (1.24–2.52)	1 (reference)	1.31 (0.91–1.89)	1.59 (1.11–2.27)	1 (reference)	1.31 (0.91–1.89)	1.46 (1.02–2.08)	1 (reference)	1.39 (0.97–2.02)	1.52 (1.06–2.18)
VIM <sup>a</sup>	1 (reference)	1.31 (0.91–1.88)	1.69 (1.19–2.40)	1 (reference)	1.33 (0.93–1.92)	1.56 (1.10–2.22)	1 (reference)	1.32 (0.91–1.90)	1.42 (1.00–2.02)	1 (reference)	1.34 (0.93–1.93)	1.46 (1.02–2.08)
ARV <sup>a</sup>	1 (reference)	1.26 (0.87–1.83)	1.83 (1.29–2.58)	1 (reference)	1.18 (0.82–1.72)	1.67 (1.18–2.36)	1 (reference)	1.13 (0.78–1.65)	1.45 (1.01–2.06)	1 (reference)	1.06 (0.72–1.55)	1.47 (1.03–2.09)

Values are presented as adjusted hazard ratio (95% confidence interval). Model 1, unadjusted; Model 2, adjusted for age and sex; Model 3, adjusted for covariates in Model 2 plus diabetes, hypertension, and body mass index; Model 4, adjusted for covariates in Model 3 plus baseline E/e' and glycosylated hemoglobin.

HDL-C, high-density lipoprotein cholesterol; apoB, apolipoprotein B; SD, standard deviation; CV, coefficient of variation; VIM, variability independent of the mean; ARV, average real variability.

<sup>a</sup>Further adjusted for mean of each lipid parameter in Models 3 and 4.