

Supplementary Table 3. Results of multivariable Cox analysis: VIM and ARV of lipid measurements 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
LDL-C												
VIM ^a	1 (reference)	1.21 (0.98–1.50)	1.56 (1.27–1.91)	1 (reference)	1.21 (0.98–1.50)	1.39 (1.13–1.70)	1 (reference)	1.21 (0.98–1.50)	1.25 (1.02–1.54)	1 (reference)	1.29 (1.04–1.59)	1.26 (1.03–1.55)
ARV ^a	1 (reference)	1.06 (0.86–1.31)	1.36 (1.12–1.67)	1 (reference)	1.01 (0.81–1.24)	1.22 (1.00–1.50)	1 (reference)	1.04 (0.84–1.29)	1.12 (0.91–1.37)	1 (reference)	1.05 (0.85–1.31)	1.14 (0.92–1.40)
HDL-C												
VIM ^a	1 (reference)	1.16 (0.94–1.43)	1.32 (1.07–1.61)	1 (reference)	1.12 (0.91–1.38)	1.26 (1.03–1.55)	1 (reference)	1.07 (0.87–1.32)	1.16 (0.95–1.42)	1 (reference)	1.09 (0.88–1.34)	1.20 (0.98–1.47)
ARV ^a	1 (reference)	1.23 (1.00–1.50)	1.09 (0.88–1.36)	1 (reference)	1.27 (1.04–1.56)	1.06 (0.85–1.31)	1 (reference)	1.23 (1.00–1.51)	1.11 (0.89–1.39)	1 (reference)	1.26 (1.03–1.55)	1.13 (0.91–1.42)
TC												
VIM ^a	1 (reference)	1.19 (0.97–1.47)	1.42 (1.16–1.73)	1 (reference)	1.12 (0.91–1.38)	1.21 (0.98–1.48)	1 (reference)	1.16 (0.94–1.43)	1.09 (0.88–1.34)	1 (reference)	1.20 (0.97–1.48)	1.12 (0.91–1.38)
ARV ^a	1 (reference)	1.1 (0.89–1.36)	1.38 (1.13–1.69)	1 (reference)	1.04 (0.84–1.28)	1.22 (1.00–1.50)	1 (reference)	1.04 (0.84–1.28)	1.10 (0.90–1.36)	1 (reference)	1.06 (0.86–1.31)	1.13 (0.92–1.39)
TG												
VIM ^a	1 (reference)	1.16 (0.95–1.43)	1.22 (1.00–1.50)	1 (reference)	1.13 (0.92–1.38)	1.13 (0.92–1.39)	1 (reference)	1.16 (0.95–1.42)	1.21 (0.99–1.49)	1 (reference)	1.16 (0.95–1.43)	1.18 (0.96–1.45)
ARV ^a	1 (reference)	1.11 (0.90–1.36)	1.19 (0.97–1.46)	1 (reference)	1.05 (0.85–1.29)	1.18 (0.96–1.45)	1 (reference)	0.93 (0.75–1.15)	0.93 (0.73–1.18)	1 (reference)	0.92 (0.74–1.14)	0.93 (0.73–1.18)

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.

VIM, variability independent of the mean; ARV, average real variability; LDL-C, low-density lipoprotein cholesterol; HDL-C, high-density lipoprotein cholesterol; TC, total cholesterol; TG, triglyceride.

^aFurther adjusted for mean of each lipid parameter in Models 3 and 4.