

Supplementary Table 3. Hazard ratios and 95% confidence intervals of incident stroke by quartiles of high-density lipoprotein cholesterol variability*

Variable	Quartile 1	Quartile 2	Quartile 3	Quartile 4	Per-SD increase	<i>P</i> _{trend}
Total stroke						
SD	1.00	1.10 (0.93–1.30)	1.17 (0.99–1.39)	1.21 (1.02–1.42)	1.05 (0.99–1.12)	0.012
VIM	1.00	1.10 (0.93–1.30)	1.17 (0.99–1.39)	1.21 (1.02–1.42)	1.07 (1.02–1.13)	0.021
ARV	1.00	0.85 (0.71–1.00)	1.10 (0.93–1.29)	1.08 (0.91–1.28)	1.05 (0.99–1.11)	0.092
Ischemic stroke						
SD	1.00	1.14 (0.95–1.37)	1.30 (1.08–1.56)	1.26 (1.04–1.52)	1.06 (1.00–1.13)	0.008
VIM	1.00	1.09 (0.90–1.31)	1.18 (0.98–1.41)	1.23 (1.03–1.47)	1.09 (1.03–1.15)	0.015
ARV	1.00	0.90 (0.75–1.09)	1.14 (0.95–1.36)	1.12 (0.93–1.35)	1.06 (1.00–1.12)	0.063
Hemorrhagic stroke						
SD	1.00	1.16 (0.75–1.79)	0.89 (0.55–1.42)	0.82 (0.50–1.35)	0.93 (0.78–1.11)	0.296
VIM	1.00	1.25 (0.80–1.94)	0.98 (0.61–1.56)	0.91 (0.57–1.46)	0.91 (0.77–1.08)	0.487
ARV	1.00	0.48 (0.30–0.79)	0.75 (0.49–1.16)	0.69 (0.44–1.10)	0.89 (0.74–1.08)	0.232

SD, standard deviation; VIM, variability independent of the mean; ARV, average real variability.

*Adjusted for sex, age, mean high-density lipoprotein cholesterol level, education, income, smoking status, drinking status, physical activity, diabetes, hypertension, body mass index, estimated glomerular filtration rate, and high-sensitivity C-reactive protein.

Supplementary Table 4. Hazard ratios and 95% confidence intervals of incident stroke by quartiles of low-density lipoprotein cholesterol variability*

Variable	Quartile 1	Quartile 2	Quartile 3	Quartile 4	Per-SD increase	<i>P</i> _{trend}
Total stroke						
SD	1.00	0.96 (0.80–1.14)	0.98 (0.82–1.17)	1.10 (0.93–1.30)	1.04 (0.99–1.10)	0.224
VIM	1.00	1.00 (0.84–1.20)	0.95 (0.79–1.14)	1.12 (0.95–1.33)	1.04 (0.99–1.10)	0.223
ARV	1.00	0.95 (0.79–1.13)	1.01 (0.85–1.20)	1.02 (0.86–1.21)	1.02 (0.97–1.08)	0.663
Ischemic stroke						
SD	1.00	0.91 (0.75–1.10)	0.91 (0.75–1.10)	1.01 (0.84–1.21)	1.02 (0.96–1.10)	0.843
VIM	1.00	0.96 (0.79–1.15)	0.88 (0.73–1.07)	1.03 (0.86–1.23)	1.02 (0.96–1.08)	0.866
ARV	1.00	0.90 (0.74–1.09)	0.95 (0.79–1.14)	0.94 (0.78–1.12)	1.00 (0.94–1.06)	0.621
Hemorrhagic stroke						
SD	1.00	1.62 (0.92–2.84)	2.05 (1.19–3.53)	2.31 (1.19–3.53)	1.21 (1.06–1.37)	0.001
VIM	1.00	1.63 (0.93–2.87)	2.02 (1.17–3.49)	2.37 (1.39–4.01)	1.21 (1.07–1.37)	0.001
ARV	1.00	1.46 (0.84–2.52)	1.89 (1.12–3.18)	1.98 (1.19–3.32)	1.15 (1.01–1.37)	0.006

SD, standard deviation; VIM, variability independent of the mean; ARV, average real variability.

*Adjusted for sex, age, mean low-density lipoprotein cholesterol level, education, income, smoking status, drinking status, physical activity, diabetes, hypertension, body mass index, estimated glomerular filtration rate, and high-sensitivity C-reactive protein.