

**Supplementary Table 3.** Adjusted hazard ratios (AHRs) of covariates included in the multivariable Cox model of vascular outcomes and death in individuals with lean body mass index (BMI)

| Covariates                     | Major vascular events |       | All-cause death  |       |
|--------------------------------|-----------------------|-------|------------------|-------|
|                                | AHR (95% CI)          | P*    | AHR (95% CI)     | P*    |
| Lean                           |                       |       |                  |       |
| Age (1-yr difference)          | -                     | NS    | 1.04 (1.01–1.07) | 0.021 |
| Male                           | -                     | NS    | 1.85 (0.92–3.72) | 0.086 |
| Non-white                      | -                     | NS    | 0.39 (0.13–1.12) | 0.080 |
| Hypertension                   | -                     | NS    | -                | NS    |
| Systolic blood pressure        | -                     | NS    | -                | NS    |
| Diabetes mellitus              | 1.75 (1.19–2.56)      | 0.004 | 1.88 (1.03–3.45) | 0.041 |
| Smoking                        | 1.74 (1.17–2.60)      | 0.007 | -                | NS    |
| Stroke severity                | -                     | NS    | -                | NS    |
| History of stroke <sup>†</sup> | -                     | NS    | -                | NS    |
| History of CHD                 | 1.45 (1.01–2.09)      | 0.047 | 1.83 (1.04–3.22) | 0.035 |
| History of HF                  | -                     | NS    | -                | NS    |
| History of CEA                 | -                     | NS    | -                | NS    |
| History of alcohol use         | -                     | NS    | 1.65 (0.92–2.96) | 0.094 |
| MMSE score                     | -                     | NS    | 0.91 (0.85–0.97) | 0.004 |
| Increase of Cr (per 1 mg/dL)   | 1.23 (1.00–1.52)      | 0.051 | 1.38 (1.02–1.88) | 0.037 |
| Total cholesterol              | -                     | NS    | -                | NS    |
| Triglycerides                  | -                     | NS    | -                | NS    |
| HDL-C                          | -                     | NS    | -                | NS    |

Lean means BMI <25 kg/m<sup>2</sup>.

CI, confidence interval; NS, not significant; CHD, coronary heart disease; HF, heart failure; CEA, carotid endarterectomy; MMSE, mini-mental state examination; Cr, creatinine; HDL-C, high-density lipoprotein cholesterol.

\*The data of P>0.10 is presented as NS; <sup>†</sup>Before VISP qualifying stroke.