

**Supplementary Table 6.** Univariate and multivariate risk-adjusted effect of secondary prevention medication classes (Level 0 to III) on the risk of ischemic stroke by body mass index (BMI) categories at 2 years follow-up

|                   | Optimal combination treatment class |                  |                               |
|-------------------|-------------------------------------|------------------|-------------------------------|
|                   | Level 0 and Level I*                | Level II         | Level III                     |
| <b>Lean</b>       | n=16 and n=55                       | n=474            | n=461                         |
| Univariate        | 1 [Referent]                        | 0.72 (0.34–1.54) | 0.58 (0.27–1.27)              |
| Multivariate      | -                                   | -                | -                             |
| Events, n (%)     | 8 (11.3)                            | 40 (8.4)         | 32 (6.9)                      |
| <b>Overweight</b> | n=27 and n=83                       | n=611            | n=772                         |
| Univariate        | 1 [Referent]                        | 0.58 (0.32–1.05) | 0.44 (0.24–0.79) <sup>†</sup> |
| Multivariate      | 1 [Referent]                        | 0.66 (0.34–1.29) | 0.50 (0.25–0.98) <sup>†</sup> |
| Events, n (%)     | 14 (12.7)                           | 51 (8.3)         | 50 (6.5)                      |
| <b>Obese</b>      | n=19 and n=54                       | n=438            | n=633                         |
| Univariate        | 1 [Referent]                        | 0.80 (0.38–1.72) | 0.76 (0.36–1.58)              |
| Multivariate      | -                                   | -                | -                             |
| Events, n (%)     | 8 (11.0)                            | 40 (9.1)         | 55 (8.7)                      |

Values provided are hazard ratio (95% confidence interval) or number of events (its percentage). Lean means BMI <25 kg/m<sup>2</sup>; overweight, BMI 25 to 29.9 kg/m<sup>2</sup>; and obese, BMI ≥30 kg/m<sup>2</sup>. Results are risk adjusted for age, sex, mini-mental state examination score, systolic blood pressure, hypertension, diabetes, ethnicity, smoking, serum levels of total cholesterol, triglycerides, high-density lipoprotein cholesterol and creatinine, history of heart failure, history of alcohol use, stroke severity, history of stroke, history of coronary heart disease, and history of carotid endarterectomy.

\*Level 0 and I are merged because of small number in the level 0; <sup>†</sup>P=0.006; \*P=0.042.