Supplemental Table III. Clinical characteristics of PS-matched participants

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Pre-stroke ChEI treatment | | P |
|  |  | (+)  (n=212) | (–)  (n=593) |
| Age, years |  | 83.2±6.5 | 83.4±6.9 | 0.91 |
| Female |  | 121 (57.1) | 118 (55.7) | 0.77 |
| Risk factors |  |  |  |  |
| Hypertension |  | 176 (83.0) | 175 (82.3) | 0.90 |
| Diabetes mellitus |  | 63 (29.7) | 62 (29.3) | 0.92 |
| Dyslipidemia |  | 98 (46.2) | 105 (49.5) | 0.50 |
| Atrial fibrillation |  | 74 (34.9) | 74 (34.9) | 1.00 |
| Ischemic heart disease |  | 31 (14.6) | 38 (17.9) | 0.36 |
| Chronic kidney disease |  | 123 (58.0) | 124 (58.5) | 0.92 |
| Smoking |  | 70 (33.0) | 83 (39.2) | 0.19 |
| Drinking |  | 51 (24.1) | 48 (22.6) | 0.73 |
| Pre-stroke medication |  |  |  |  |
| Anti-hypertensive |  | 158 (74.5) | 157 (74.1) | 0.91 |
| Anti-thrombotic |  | 73 (34.4) | 79 (37.3) | 0.54 |
| Anti-diabetic |  | 46 (21.7) | 39 (18.4) | 0.40 |
| Statin |  | 46 (21.7) | 47 (22.2) | 0.91 |
| Physical and laboratory data |  |  |  |  |
| Systolic BP, mmHg |  | 157.4±28.5 | 158.0±27.1 | 0.82 |
| Body mass index, kg/m2 |  | 21.8±3.2 | 21.4±3.3 | 0.22 |
| LDL-cholesterol, mmol/L |  | 3.03±0.92 | 2.92±0.86 | 0.21 |
| Casual blood glucose, mmol/L |  | 7.64±3.20 | 7.53±2.58 | 0.70 |
| HbA1c, % |  | 6.22±1.14 | 6.17±1.06 | 0.59 |
| NIHSS on admission |  | 5 [2–10] | 5 [2–11] | 0.47 |
| Stroke subtype |  |  |  | 0.37 |
| Cardioembolism |  | 71 (33.5) | 70 (33.0) |  |
| Large-artery atherosclerosis |  | 30 (14.2) | 42 (19.8) |  |
| Small-vessel occlusion |  | 51 (24.1) | 51 (24.1) |  |
| Others |  | 60 (28.3) | 49 (23.1) |  |
| Acute revascularization |  | 32 (15.1) | 33 (15.6) | 0.89 |
| Thrombolytic therapy |  | 27 (12.7) | 31 (14.6) | 0.57 |
| Endovascular thrombectomy |  | 11 ( 5.2) | 8 ( 3.9) | 0.51 |
| Length of hospitalization, day |  | 16.7±8.1 | 16.0±8.7 | 0.42 |

PS: propensity score, ChEI: cholinesterase inhibitor, BP: blood pressure, LDL: low-density lipoprotein, HbA1c: hemoglobin A1c. Values are expressed as mean ± SD, median [interquartile range], n (%).