**Supplement Table 1.** Demographic, socioeconomic and vascular risk factors of patients with first ever ischemic stroke according to TOAST subtypes

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Vascular risk Factors | Ischemic stroke of undetermined mechanism | | | | Non-Cardioembolic  (n=187) | | Cardioembolic  (n=77) | | P-value\*\*\* |
| ISUMneg\*  (n=137) | | ISUMinc  (n=88) | |
| n (%)† | OR | n (%)† | OR | n (%)† | OR | n (%)† | OR |  |
| Age, mean years  (SD) | 66.0 (13.4) | 1 | 72.7 (11.5) | 1.02 | 65.7  (11.7) | 1.003 | 62.1  (16.6) | 0.9\*\* | <0.001 |
| Male | 62 (45.2) | 1 | 41 (46.5) | 0.4 | 105  (56.1) | 1.05 | 43  (55.8) | 1.4 | 0.3 |
| NIHS at admission, mean (SD) | 8.4  (7.6) | 1 | 16.0 (11.7) | 1.07\*\* | 7.02  (7.2) | 0.9 | 14.4  (10.4) | 1.06\*\* | <0.001 |
| Hypertension | 87 (64.0) | 1 | 62 (71.3) | 0.9 | 115  (61.50) | 1.1 | 34  (44.15) | 0.3\*\* | <0.001 |
| Diabetes Mellitus | 50 (36.8) | 1 | 28 (31.8) | 0.9 | 39  (20.8) | 0.8 | 14  (18.1) | 0.5 | 0.005 |
| Current smoking | 27 (19.7) | 1 | 7  (8.0) | 0.4 | 41  (21.9) | 1.04 | 9  (11.6) | 0.3 | 0.03 |
| Hyperlipidemia | 37  (27) | 1 | 17  (19.3) | 0.7 | 54  (29) | 1.1 | 14  (18.1) | 2.6 | 0.08 |
| Positive Family history of stroke | 25  (18.2) | 1 | 14  (15.9) | 0.8 | 36  (19.30) | 1.2 | 18  (23.37) | 2.08 | 0.8 |
| Previous transient ischemic attack | 9  (6.5) | 1 | 17  (19.3) | 3.7\*\* | 14  (7.4) | 0.9 | 6  (7.79) | 1.6 | 0.004 |
| Atrial Fibrillation | 6  (4.3) | 1 | 3  (3.5) | 0.6 | 1  (0.5) | 0.1 | 40  (51.9) | 93.7\*\* | <0.001 |
| Unemployment | 86  (62.7) | 1 | 46  (52.2) | 0.2 | 97  (52) | 0.3\*\* | 36  (46.7) | 0.4 | 0.027 |
| Education<12 years) | 109 (79.5) | 1 | 75 (85.2) | 3.2\*\* | 154  (82.3) | 1.8 | 56  (72.7) | 1.08 | 0.004 |
| Alcohol use | 8  (5.8) | 1 | 0 (0.0) |  | 4  (2.13) | 0.3 | 1  (1.2) | 0.2 | 0.08 |

\*ISUM-neg was considered as the reference group; † n (%) unless otherwise indicated;

\*\*P <0.05: Adjusted by Multinomial logistic regression for all factors listed in Table-1. \*\*\*p <0.05: TOAST subtypes were compared using ANOVA, Kruskal-Wallis or Chi2.