

Supplementary Table 1. Univariate and multivariate analyses regarding the predictors of the initial National Institutes of Health Stroke Scale score

| Variable | Univariate | | Multivariate | |
|---|--------------------|----------------|-------------------|----------------|
| | OR (95% CI) | <i>P</i> value | OR (95% CI) | <i>P</i> value |
| Women | 1.44 (1.23–1.70) | 0.000 | 1.25 (0.97–1.62) | 0.089 |
| Living alone | 1.57 (1.29–1.90) | 0.000 | 1.73 (1.35–2.21) | 0.000 |
| Age (yr) | 1.03 (1.02–1.03) | 0.000 | 1.02 (1.02–1.03) | 0.000 |
| Arrival at the hospital 4.5 hr after onset | 0.59 (0.50–0.69) | 0.000 | 2.29 (1.07–4.94) | 0.034 |
| Use of intravenous tissue plasminogen activator (ref=yes) | 4.44 (3.61–5.45) | 0.000 | 6.29 (2.94–13.47) | 0.000 |
| Intraarterial thrombectomy (ref=no) | 0.05 (0.04–0.08) | 0.000 | 0.14 (0.09–0.23) | 0.000 |
| Risk factors | | | | |
| Diabetes mellitus | 0.70 (0.59–0.84) | 0.000 | 0.69 (0.55–0.87) | 0.001 |
| Smoking | | | | |
| Previous history of smoking | 0.81 (0.65–1.02) | 0.068 | 0.97 (0.70–1.34) | 0.843 |
| Current smoking | 0.77 (0.64–0.93) | 0.006 | 1.33 (1.00–1.76) | 0.053 |
| Previous history of statin use (ref=no) | 1.33 (1.07–1.65) | 0.009 | 1.54 (1.17–2.04) | 0.002 |
| Previous history of coronary artery disease | 1.32 (1.05–1.65) | 0.017 | 0.99 (0.73–1.33) | 0.927 |
| Previous history of cerebrovascular disease | 0.86 (0.70–1.05) | 0.137 | | |
| Previous history of atrial fibrillation | 1.32 (1.05–1.65) | 0.017 | 0.99 (0.73–1.33) | 0.927 |
| Stroke subtype (ref=small-vessel occlusion) | | | | |
| Large artery atherosclerosis | 2.89 (2.15–3.90) | 0.000 | 2.65 (1.91–3.68) | 0.000 |
| Cardioembolism | 10.13 (7.45–13.79) | 0.000 | 7.99 (4.72–13.54) | 0.000 |
| Stroke of other determined etiologies | 1.93 (1.01–3.69) | 0.048 | 1.87 (0.80–4.37) | 0.149 |
| Stroke of undetermined etiology | 3.73 (2.71–5.13) | 0.000 | 2.82 (1.96–4.05) | 0.000 |

OR, odds ratio; CI, confidence interval.