**Supplementary Table 8.** Multivariable model among patients without in-hospital mortality

| Variable | adjusted OR |
|---|---|
| Age (per 10 years) | 1.00 (0.95–1.05) |
| Sex, male | 1.06 (0.93–1.19) |
| Initial NIHSS | 1.11 (1.10–1.13)[a] |
| Hypertension | 0.99 (0.88–1.12) |
| Diabetes mellitus | 0.99 (0.87–1.12) |
| Atrial fibrillation | 0.82 (0.68–1.00) |
| Previous stroke | 1.20 (1.05–1.37)[a] |
| Coronary heart disease | 1.36 (1.15–1.60)[a] |
| Current smoker | 0.92 (0.80–1.06) |
| Premorbid mRS | 1.07 (1.01–1.14)[a] |
| Systolic BP (per 10 mmHg) | 1.03 (1.00–1.06)[a] |
| Diastolic BP (per 10 mmHg) | 0.99 (0.95–1.04) |
| Initial glucose (per 10 mg/dL) | 1.01 (1.00–1.02)[a] |
| Triglycerides (per 10 mg/dL) | 0.99 (0.98–1.00)[a] |
| HDL cholesterol (mg/dL) | 1.00 (1.00–1.01) |
| LDL cholesterol (per 10 mg/dL) | 1.01 (0.99–1.03) |
| Hemoglobin (g/dL) | 0.95 (0.92–0.98)[a] |
| Platelets (per 10 $\times 10^3$/μL) | 0.99 (0.99–1.00) |
| Creatinine (mg/dL) | 1.07 (1.00–1.14) |
| WBC ($\times 10^3$/μL) | 1.06 (1.04–1.08)[a] |
| PT (INR) | 1.18 (0.97–1.43) |
| IV thrombolysis | 0.75 (0.63–0.90)[a] |
| IA thrombectomy | 0.93 (0.78–1.11) |
| Relevant large artery steno-occlusion | 1.31 (1.16–1.49)[a] |
| TOAST: LAA (vs. SVO) | 1.82 (1.48–2.23)[a] |
| TOAST: CE (vs. SVO) | 2.16 (1.67–2.78)[a] |
| TOAST: Other determined (vs. SVO) | 2.66 (2.06–3.43)[a] |
| TOAST: Undetermined (vs. SVO) | 1.75 (1.40–2.19)[a] |

After excluding patients with in-hospital mortality and applying the complete-case criteria as in the main analysis, the survivors-only multivariable model included 8,114 patients.
NIHSS, National Institutes of Health Stroke Scale; mRS, modified Rankin Scale; BP, blood pressure; HDL, high-density lipoprotein; LDL, low-density lipoprotein; WBC, white blood cell count; PT, prothrombin time; INR, international normalized ratio; IV, intravenous; IA, intra-arterial; TOAST, Trial of Org 10172 in Acute Stroke Treatment; LAA, large artery atherosclerosis; SVO, small vessel occlusion; CE, cardioembolism.
[a] $p<0.05$.