### SUPPLEMENTARY TABLE

**Supplementary Table 1. Baseline comparison of patients with included and excluded.**

| Characteristics                  | Included patients          | Excluded patients          | P-value   |
|----------------------------------|----------------------------|----------------------------|-----------|
| **Demography and clinical features** |                            |                            |           |
| Age(yr), mean ± SD               | 61.88 ± 11.11              | 62.76 ± 11.57              | <.0001    |
| Male, n (%)                      | 6343 (69.7)                | 4021 (66.4)                | <.0001    |
| Smoking, n (%)                   | 3317 (36.4)                | 2095 (34.6)                | 0.0201    |
| Drinking, n (%)                  | 3553 (39.0)                | 2162 (35.7)                | <.0001    |
| **Medical history**              |                            |                            |           |
| Ischemic stroke, n (%)           | 1850 (20.3)                | 1299 (21.4)                | 0.0943    |
| Coronary heart diseases, n (%)   | 914 (10.0)                 | 694 (11.5)                 | 0.0055    |
| Atrial fibrillation, n (%)       | 592 (6.5)                  | 427 (7.1)                  | 0.1876    |
| Hypertension, n (%)              | 5717 (62.8)                | 3777 (62.3)                | 0.5843    |
| Diabetes mellitus, n (%)         | 2126 (23.3)                | 1384 (22.8)                | 0.4722    |
| Hypercholesterolemia, n (%)      | 696 (7.6)                  | 495 (8.2)                  | 0.2372    |
| Hours of event onset, median (IQR) | 10 (3–25)                | 20 (3–76)                  | <.0001    |
| NIHSS at admission, median (IQR) | 3 (2–6)                    | 3 (1–6)                    | <.0001    |
| mRS score before onset ≥3, n (%) | 370 (4.1)                  | 287 (4.7)                  | 0.0458    |
| **Laboratory tests**             |                            |                            |           |
| WBC, (10^9/L)                    | 7.24 ± 2.21                | 7.91 ± 40.32               | 0.0561    |
| Neutrophil, (10^9/L)             | 4.85 ± 2.23                | 4.99 ± 2.32                | 0.0463    |
| Platelet, (10^9/L)               | 217.60 ± 63.37             | 217.32 ± 65.61             | 0.2199    |
| Lymphocyte, (10^9/L)             | 1.81 ± 0.79                | 1.78 ± 0.84                | 0.0106    |
| FPG (mmol/L)                     | 6.46 ± 2.62                | 6.34 ± 2.49                | 0.0210    |
| LDL (mmol/L)                     | 2.56 ± 1.04                | 2.55 ± 1.06                | 0.1947    |
| HCY (μ mol/L)                    | 18.93 ± 12.26              | 19.24 ± 12.47              | 0.0425    |
| hs-CRP (mg/L)                    | 5.67 ± 18.22               | 10.74 ± 33.76              | <.0001    |

**Abbreviations:** SD: standard deviation; IQR: interquartile range; NIHSS: National Institutes of Health Stroke Scale; Q: quartile; mRS: modified Rankin Scale; WBC: white blood cell; FPG: fasting plasma glucose; LDL: low-density lipoprotein; Hcy: homocysteine; hs-CRP: high sensitivity C reactive protein.