

**Additional file 1: Baseline characteristics of patients included and excluded.**

|                                             | Included (n = 846) | Excluded (n = 125) | <i>p</i> Value |
|---------------------------------------------|--------------------|--------------------|----------------|
| Patient characteristics                     |                    |                    |                |
| Female sex, n (%)                           | 324 (38.3)         | 41 (32.8)          | 0.236          |
| Age, mean (SD), years                       | 66.3 (11.8)        | 66.1 (13.1)        | 0.624          |
| NIHSS, median (IQR)                         | 3 (1–6)            | 2 (1–7.5)          | 0.227          |
| Barthel Index, median (IQR)                 | 60 (35–92.5)       | 50 (35–90)         | 0.097          |
| Risk of malnutrition, n (%)                 | 362 (42.8)         | 64 (51.2)          | 0.079          |
| Nutrition support, n (%)                    | 97 (11.5)          | 19 (15.2)          | 0.230          |
| Length of hospital stay, median (IQR), days | 10 (8–14)          | 10 (7–13)          | 0.357          |
| Type of stroke, n (%)                       |                    |                    | 0.556          |
| Ischemic                                    | 564 (67.7)         | 80 (64.0)          |                |
| Hemorrhagic                                 | 282 (33.3)         | 45 (36.0)          |                |
| Cardiovascular risk factors, n (%)          |                    |                    |                |
| Atrial fibrillation                         | 62 (7.3)           | 11 (8.8)           | 0.560          |
| Hypertension                                | 613 (72.5)         | 97 (77.6)          | 0.226          |
| Diabetes mellitus                           | 269 (31.8)         | 33 (26.4)          | 0.224          |
| Coronary heart disease                      | 37 (4.4)           | 5 (4.0)            | 0.848          |
| Hyperlipemia                                | 414 (48.9)         | 50 (40.0)          | 0.062          |
| Previous stroke                             | 168 (19.9)         | 25 (20.0)          | 0.970          |
| History of smoking                          | 248 (29.3)         | 45 (36.0)          | 0.129          |
| History of drinking                         | 244 (28.8)         | 46 (36.8)          | 0.070          |

Abbreviations: NIHSS, The National Institutes of Health Stroke Scale