Supplemental Table 1

Comparisons between included and excluded patients. P values for tests between groups are shown. None of the continuous variables were normally distributed, so Kruskall-Wallis test was used. Chi-square test was used for categorical variables.

|                                | Included patients (n=1847) | Excluded patients (n=105) | p   |
|--------------------------------|---------------------------|---------------------------|-----|
| Age, median (IQR)              | 57 (48–66)                | 54 (46–64.5)              | 0.09|
| Female sex                     | 1067 (57.8 %)             | 64 (61.0 %)               | 0.52|
| Dependent pre-admission functional status | 107 (5.8 %)             | 4 (6.2 %)\textsuperscript{a} | 0.90|
| Significant comorbidity        | 158 (8.6 %)               | 3 (2.9 %)                 | 0.04|
| GCS, median (IQR)              | 13 (6–15)                 | 7.5 (3–15)\textsuperscript{b} | 0.041|
| SAPS II score, median (IQR)    | 28 (20–47)                | 32 (20–57)                | 0.048|
| ICP probe or EVD               | 477 (25.8 %)              | 17 (16.2 %)               | 0.03|
| Length of ICU stays, median (IQR) | 2.8 (1.6–6.7)           | 2.0 (0.8–4.9)             | 0.001|
| Mortality                      |                           |                           |     |
| Hospital                       | 299 (16.2 %)              | 38 (36.2 %)               | <0.001|
| 12-month                       | 449 (24.3 %)              | 40 (47.1 %)\textsuperscript{c} | <0.001|

\textsuperscript{a} Missing for 40 patients
\textsuperscript{b} Missing for 11 patients
\textsuperscript{c} Missing for 20 patients

EVD: external ventricular drain, GCS: Glasgow Coma Scale, ICP: intracranial pressure, ICU: intensive care unit, IQR: interquartile range; SAPS II: Simplified Acute Physiology Score II