

**Supplementary Table 1.** Characteristics of study participants depending on in-hospital mortality

| Characteristics                 | All patients     | Survived         | Non survived      | P-value |
|---------------------------------|------------------|------------------|-------------------|---------|
| No. of patients                 | 1,274            | 1,046            | 228               |         |
| Age (yr)                        | 87.8±2.9         | 87.7±2.9         | 88.0±3.0          | 0.195   |
| Male                            | 603 (47.3)       | 479 (45.8)       | 124 (54.4)        | 0.019   |
| SOFA score                      | 14.2±4.4         | 14.1±4.3         | 14.6±5.2          | 0.227   |
| Reason for index ICU admission  |                  |                  |                   |         |
| Medical                         | 916 (71.9)       | 730 (69.8)       | 186 (81.6)        | <0.001  |
| Surgical                        | 358 (28.1)       | 316 (30.2)       | 42 (18.4)         | <0.001  |
| Admission source                |                  |                  |                   | 0.094   |
| Ward                            | 298 (23.4)       | 257 (24.6)       | 41 (18.0)         |         |
| Emergency room                  | 945 (74.2)       | 763 (72.9)       | 182 (79.8)        |         |
| Others                          | 31 (2.4)         | 26 (2.5)         | 5 (2.2)           |         |
| Laboratory findings             |                  |                  |                   |         |
| WBC (×10 <sup>3</sup> /ul)      | 9.8 (7.1–13.2)   | 9.5 (7.0–12.5)   | 11.6 (7.8–17.0)   | <0.001  |
| Platelet (×10 <sup>3</sup> /ul) | 185 (134–239)    | 186 (139–241)    | 169 (106–229)     | 0.040   |
| Total bilirubin (mg/dl)         | 0.8 (0.5–1.1)    | 0.8 (0.5–1.1)    | 0.8 (0.6–1.3)     | 0.002   |
| Albumin (g/dl)                  | 2.9 (2.4–3.3)    | 2.9 (2.5–3.4)    | 2.6 (2.0–3.2)     | <0.001  |
| Creatinine (mg/dl)              | 1.02 (0.79–1.50) | 0.99 (0.76–1.38) | 1.50 (0.90–2.30)  | <0.001  |
| CRP (ng/ml)                     | 2.51 (0.38–8.66) | 1.87 (0.31–7.23) | 5.33 (1.32–14.34) | <0.001  |
| Underlying disease              |                  |                  |                   |         |
| Hypertension                    | 840 (65.9)       | 684 (65.4)       | 156 (68.4)        | 0.382   |
| Chronic heart disease           | 281 (22.1)       | 233 (22.3)       | 48 (21.1)         | 0.687   |
| Hematologic malignancy          | 3 (0.2)          | 0                | 3 (1.3)           | <0.001  |
| Solid tumor                     | 63 (4.9)         | 56 (5.4)         | 7 (3.1)           | 0.150   |
| Chronic liver disease           | 10 (0.8)         | 10 (1.0)         | 0                 | 0.138   |
| Chronic lung disease            | 81 (6.4)         | 61 (5.8)         | 20 (8.8)          | 0.099   |
| DM                              | 336 (26.4)       | 264 (25.2)       | 72 (31.6)         | 0.049   |
| CKD                             | 46 (3.6)         | 36 (3.4)         | 10 (4.4)          | 0.489   |
| CVA                             | 147 (11.5)       | 113 (10.8)       | 34 (14.9)         | 0.078   |

Values are presented as mean±standard deviation, number (%), or median (interquartile range).

SOFA: Sequential Organ Failure Assessment; ICU: intensive care unit; DM: diabetes mellitus; CKD: chronic kidney disease; CVA: cerebrovascular accident.