Supplemental Table 1. Univariate Predictors of In-Hospital Death

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| **Demographic characteristics** | **N (%) or**  **Median (range) among those who died** | **N (%) or Median (range) among survivors** | **OR (95% CI)** | **P** |
| Age -years, (median, range) | 71 (22-105) | 63 (19-102) | 1.03 (1.03-1.04) | <0.001 |
| Sex- male, (N, %) | 468 (66%) | 2099 (59%) | 1.33 (1.12-1.57) | 0.001 |
| Race (Caucasian vs. other), (N, %) | 325 (46%) | 1558 (44%) | 1.34 (1.08-1.66) | 0.009 |
| BMI, (median, range) | 29 (13-69) | 28 (12-77) | 1.02 (1.01-1.03) | 0.002 |
| Medical Comorbidities |  |  |  |  |
| Admission SOFA score, (median, range) | 0 (0-14) | 0 (0-9) | 1.17 (1.01-1.29) | 0.001 |
| History of Hypertension, (N, %) | 315 (44%) | 1389 (39%) | 1.24 (1.05-1.46) | 0.010 |
| History of Diabetes, (N, %) | 219 (31%) | 957 (27%) | 1.21 (1.01-1.44) | 0.036 |
| History of Hyperlipidemia, (N, %) | 213 (30%) | 952 (27%) | 1.17 (0.98-1.39) | 0.086 |
| History of Chronic renal disease, (N, %) | 110 (15%) | 414 (12%) | 1.39 (1.10-1.74) | 0.005 |
| History of Congestive heart failure, (N, %) | 84 (12%) | 252 (7%) | 1.75 (1.35-2.28) | <0.001 |
| History of Hypothyroidism, (N, %) | 51 (7%) | 244 (7%) | 1.05 (0.77-1.43) | 0.772 |
| History of Dementia, (N, %) | 38 (5%) | 138 (4%) | 1.40 (0.97-2.02) | 0.076 |
| Admission Laboratory findings |  |  |  |  |
| Sodium level  Severe hyponatremia  Moderate hyponatremia  Mild hyponatremia  Normonatremia | 7 (1%)  84 (12%)  214 (30%)  408 (57%) | 28 (1%)  201 (6%)  780 (22%)  2552 (72%) | 1.55 (1.39-1.73) | <0.001 |
| Admission PaO2 (mmHg), (median, range) | 75 (10-458) | 81 (24-458) | 0.99 (0.99-0.99) | 0.002 |
| Blood Urea Nitrogen (mg/dL), (median, range) | 24 (4-188) | 16 (2-279) | 1.02 (1.02-1.02) | <0.001 |
| Serum Creatinine (mg/dL), (median, range) | 1.22 (0.38-17.70) | 0.97 (0.30-23.50) | 1.08 (1.04-1.11) | <0.001 |
| Serum Potassium (mmol/L), (median, range) | 4.2 (2.3-8.8) | 4.0 (1.8-8.7) | 1.28 (1.14-1.44) | <0.001 |
| Serum Glucose (mg/dL), (median, range) | 135 (25-754) | 116 (24-801) | 1.00 (1.00-1.01) | <0.001 |
| Admission Interleukin-6 (pg/mL)\*, (median, range) | 33 (0-980) | 11 (0-59900) | 1.00 (1.00-1.00) | 0.810 |
| Hospital Complications |  |  |  |  |
| Encephalopathy, (N, %) | 93 (13%) | 235 (7%) | 2.04 (1.58-2.64) | <0.001 |
| Acute renal failure, (N, %) | 238 (33%) | 389 (11%) | 4.09 (3.39-4.93) | <0.001 |
| Mechanical ventilation, (N, %) | 522 (73%) | 355 (10%) | 24.7 (20.2-30.1) | <0.001 |

BMI=body mass index; PaO2=arterial partial pressure of oxygen, \* Interleukin-6 data were available in 1179 patients.