

Supplementary Table 2. Comparison of baseline characteristics in mechanically ventilated patients

Variable	30-Day survivor (n=1,643)	30-Day non-survivor (n=602)	P-value
Age (yr)	58 (70–80)	62 (75–82)	<0.001
Male (%)	1,067 (64.9)	402 (66.8)	0.447
Body mass index (kg/m ²)	19.6 (22.2–25.0)	19.0 (21.8–24.8)	0.003
SIRS	2 (2–3)	2 (2–3)	0.971
Quick SOFA score	1 (2–2)	2 (2–2)	0.022
SOFA score	6 (7–9)	7 (9–10)	<0.001
APACHE II score	19 (24–29)	23 (28–35)	0.019
Septic shock	578 (35.2)	245 (40.7)	<0.001
Charlson comorbidity index	3 (5–7)	4 (5–7)	0.256
Comorbidity			
Hypertension	974 (59.3)	334 (55.5)	0.117
Diabetes	660 (40.2)	208 (34.6)	0.018
Cardiac disease	637 (38.8)	194 (32.2)	0.005
Chronic lung disease	385 (23.4)	112 (18.6)	0.017
Chronic renal disease	312 (19.0)	90 (15.0)	0.032
Chronic liver disease	157 (9.6)	67 (11.1)	0.306
Cerebrovascular disease	530 (32.3)	178 (29.6)	0.244
Solid cancer	245 (14.9)	111 (18.4)	0.05
Hematologic malignancy	10 (0.6)	9 (1.5)	0.077
COVID-19	32 (1.9)	23 (3.8)	0.017
Vital sign			
Systolic blood pressure (mm Hg)	103 (123–142)	94 (115–133)	<0.001
Diastolic blood pressure (mm Hg)	61 (74–88)	58 (68–81)	<0.001
Respiratory rate (/min)	16 (19–22)	16 (20–24)	0.002
Heart rate (/min)	80 (96–112)	83 (101–119)	<0.001
Body temperature (°C)	36.0 (36.5–37.0)	35.8 (36.2–36.8)	<0.001
Glasgow coma scale	3 (6–9)	3 (4–7)	<0.001
Laboratory data			
White blood cell count (×10 ³ /L)	8.8 (12.2–16.9)	8.6 (12.4–17.1)	0.129
Lymphocyte cell count (×10 ³ /L)	0.7 (1.4–3.1)	0.6 (1.3–3.4)	0.891
Hemoglobin	10.2 (12.3–14.2)	9.5 (11.5–13.4)	<0.001
Platelet count (×10 ³ /L)	168 (231–296)	126 (197–266)	<0.001
Albumin (g/dl)	3.1 (3.6–4.1)	2.7 (3.2–3.8)	<0.001
Cholesterol (g/dl)	109 (144–175)	90 (120–156)	<0.001
Creatinine (mg/dl)	0.8 (1.1–1.7)	0.9 (1.3–2.1)	0.631
C-reactive protein (mg/dl)	2.6 (20.7–98.0)	5.7 (42.4–131.4)	<0.001
Procalcitonin (mmol/L)	0.1 (0.3–1.9)	0.1 (0.5–3.8)	0.134
Lactic acid (mmol/L)	1.4 (3.0–6.3)	2.3 (4.8–9.4)	<0.001
Renal replacement therapy	218 (13.3)	150 (24.9)	<0.001
Vasopressor use	1,135 (69.1)	520 (86.4)	<0.001
Corticosteroid use	350 (21.3)	160 (26.6)	0.01
Transfusion	253 (15.4)	166 (27.6)	<0.001
Length of stay (day)	13 (21–37)	7 (11–16)	<0.001
ICU stay (day)	7 (12–23)	6 (10–16)	<0.001
Duration of MV (day)	4 (7–15)	6 (9–14)	<0.001

Values are presented as median (interquartile range) or number (%).

SIRS: systemic inflammatory response syndrome; SOFA: Sequential Organ Failure Assessment; APACHE: acute physiology and chronic health evaluation; COVID-19: coronavirus disease 2019; ICU: intensive care unit; MV: mechanical ventilation.