

Supplementary Table 3. Univariable and multivariable analyses for in-hospital mortality of Sepsis-3 criteria*

Variable	HR (95% CI)	P-value	aHR (95% CI)	P-value
Age (years)	1.01 (1.00–1.02)	0.02	1.03 (1.02–1.04)	<0.001
Gender, male vs. female	1.25 (0.93–1.69)	0.14		
Diabetes, yes vs. no	0.77 (0.57–1.02)	0.07		
Body mass index (kg/m ²)	0.998 (0.97–1.03)	0.92		
Heart rate (beat/minute)	1.01 (1.00–1.01)	0.003	1.01 (1.00–1.014)	0.003
Body temperature (°C)	0.77 (0.71–0.83)	<0.001	0.86 (0.79–0.94)	0.001
Respiratory rate (breath/min)	1.01 (1.05–1.12)	<0.001	1.04 (1.01–1.07)	0.01
Ascites, yes vs. no	1.32 (1.03–1.70)	0.03	0.87 (0.67–1.14)	0.31
Hepatic encephalopathy, yes vs. no	1.25 (0.96–1.62)	0.10		
PT (INR)	1.01 (1.00–1.03)	0.09		
Albumin (g/dL)	0.30 (0.24–0.37)	<0.001	0.44 (0.35–0.54)	<0.001
Sodium (mEq/L)	0.98 (0.97–0.99)	<0.001	0.99 (0.98–1.00)	0.004
Leukocyte (×10 ⁹ /L)	1.02 (1.01–1.03)	<0.001	1.01 (1.00–1.02)	0.07
C-reactive protein (mg/L)	1.04 (1.02–1.05)	<0.001	1.01 (0.99–1.02)	0.59
Sepsis-3	1.31 (1.27–1.35)	<0.001	1.19 (1.15–1.24)	<0.001

HR, hazard ratio; CI, confidence interval; aHR, adjusted hazard ratio; PT, prothrombin time; INR, international normalized ratio.

*Variables excluded from analysis due to multicollinearity with Sepsis-3 criteria were mean arterial pressure, platelet, total bilirubin, creatinine, Child-Pugh score, and model for end-stage liver disease (MELD) score. Variables included in multivariable analysis were age, heart rate, body temperature, respiratory rate, ascites, albumin, sodium, leukocyte, C-reactive protein, and Sepsis-3 score.