

Supplementary Table 5. Univariable and multivariable analyses for in-hospital mortality of qSOFA positivity*

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		
Mean arterial pressure (mmHg)	0.98 (0.97–0.98)	<0.001	1.00 (0.99–1.00)	0.29
Heart rate (beat/min)	1.01 (1.00–1.01)	0.003	1.01 (1.01–1.02)	<0.001
Ascites, yes vs. no	1.32 (1.03–1.70)	0.03	0.80 (0.62–1.04)	0.09
Hepatic encephalopathy, yes vs. no	1.25 (0.96–1.62)	0.10		
PT (INR)	1.01 (1.00–1.03)	0.09		
Total bilirubin (mg/dL)	1.07 (1.05–1.08)	<0.001	1.06 (1.04–1.08)	<0.001
Albumin (g/dL)	0.30 (0.24–0.37)	<0.001	0.37 (0.30–0.47)	<0.001
Creatinine (mg/dL)	1.15 (1.11–1.20)	<0.001	1.14 (1.08–1.20)	<0.001
Sodium (mEq/L)	0.98 (0.97–0.99)	<0.001	0.99 (0.98–1.00)	0.03
Platelet ($\times 10^9/L$)	0.999 (0.997–1.00)	0.11		
Leukocyte ($\times 10^9/L$)	1.02 (1.01–1.03)	<0.001	1.00 (0.99–1.02)	0.62
C-reactive protein (mg/L)	1.04 (1.02–1.05)	<0.001	1.01 (0.99–1.03)	0.33
qSOFA positivity	3.89 (2.99–5.06)	<0.001	2.06 (1.55–2.72)	<0.001

qSOFA, quick Sequential Organ Failure Assessment; 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 qSOFA score were body temperature, respiratory rate, Child-Pugh score, and model for end-stage liver disease (MELD) score. Variables included in multivariable analysis were age, mean arterial pressure, heart rate, ascites, total bilirubin, albumin, creatinine, sodium, leukocyte, C-reactive protein, and qSOFA.