

Supplementary Tables SI. Missing variables and their percentages

Columnne	Missing Percentage
INR	1.96353436
SBP	0.23375409
SpO ₂	0.28050491
Heart ratee	0.23375409 [↵]
SOFA [↵]	0.23375409 [↵]
BUN [↵]	0.04675082

Abbreviations: INR,international normalized ratio, SBP,systolic blood pressure, SpO₂,oxygen saturation, SOFA: Sequential organ falure, BUN: Blood Urea Nitrogen.

Supplementary Tables SII. Univariate Cox Regression for 28-day Mortality

Variables	β	S.E	Z	P	HR (95%CI)
Age	0.02	0	5.12	<.001	1.02 (1.01 ~ 1.02)
Charlson comorbidity index	0.07	0.01	5.1	<.001	1.07 (1.04 ~ 1.10)
RBC	-0.43	0.07	-6.37	<.001	0.65 (0.57 ~ 0.74)
WBC	0.02	0	9.26	<.001	1.02 (1.02 ~ 1.02)
Platelet	0	0	-0.43	0.666	1.00 (1.00 ~ 1.00)
Potassium	0.36	0.06	6.31	<.001	1.44 (1.28 ~ 1.61)
Glucose	-0.01	0	-4.29	<.001	0.99 (0.99 ~ 0.99)
ALT	-0.01	0	-2.2	0.028	0.99 (0.99 ~ 0.99)
AST	0	0	1.19	0.235	1.00 (1.00 ~ 1.00)
INR	0.49	0.03	15.3	<.001	1.64 (1.54 ~ 1.75)
Gender	0.07	0.08	0.84	0.399	1.07 (0.91 ~ 1.26)
Race	0.2	0.08	2.35	0.019	1.22 (1.03 ~ 1.44)
AKI	1.33	0.2	6.65	<.001	3.79 (2.56 ~ 5.61)
Diabetes	-0.13	0.09	-1.45	0.146	0.88 (0.74 ~ 1.05)
Hypertension	-0.06	0.08	-0.7	0.482	0.95 (0.81 ~ 1.11)
CRRT	0.82	0.09	9.17	<.001	2.27 (1.90 ~ 2.70)

RBC: red blood cell, WBC: white blood cell, AST: Aspartate Aminotransferase, ALT: Alanine Aminotransferase, INR: International normalized ratio, AKI: Acute Kidney Injury, CRRT: Continuous Renal Replacement Therapy.

Supplementary Figure S1. decision curve analysis and calibrating curve. **(A)** decision curve analysis, **(B)** calibrating curve.

