

TABLE S2 Covariate Screening.

Variable	VIF
Crude	385.979
Hypertension,	1.752
T2DM,	1.694
HF,	1.587
CKD,	1.871
Hepatitis,	2.658
HLP,	1.383
SOFA	4.664
APSIII	4.526
Oasis	3.794
Charlson	3.023
Age	3.794
Sex, n (%)	3.759
Weight	2.093
Height	3.669
HR, bpm	1.696
RR, insp/min	1.639
Spo2, %	1.365
T, °C	1.664
WBC,109/L	1.867
RBC,109/L	8.726
PLT,109/L	1.571
HB, g/dL	8.067
RDW, %	2.224
ALB, g/dL	380.365
Na ⁺ , mEq/L	2.262
K ⁺ , mEq/L	1.322
Ca ²⁺ , mg/dL	1.767
AG, mEq/L	1.854
PT, sec	71.028
INR	69.458
TBil, mg/dL	3.286
ALT, IU/L	3.466
AST, IU/L	3.563
BUN, mg/dL	2.942
Blood Lipase, mg/dL	1.462
Cr, mg/dL	2.332

Abbreviations: AG, anion gap; ALB, albumin; ALT, alanine aminotransferase; APSIII, Acute Physiology Score III; AST, aspartate aminotransferase; Blood Lipase, blood lipase; BUN, blood urea nitrogen; Ca²⁺, calcium; Charlson, Charlson Comorbidity Index; CKD, chronic kidney disease; Cr, creatinine; HB, hemoglobin; HF, heart failure; Height, height; Hepatitis, hepatitis diagnosis; HLP, hyperlipidemia; HR, heart rate; Hypertension, hypertension diagnosis; INR, international normalized ratio; K⁺, potassium;

Na⁺, sodium; Oasis, Oxford Acute Severity of Illness Score; PLT, platelet; PT, prothrombin time; RBC, red blood cell; RDW, red-cell distribution width; RR, respiratory rate; Sex, sex; SOFA, Sequential Organ Failure Assessment; Spo2, pulse oxygen saturation; T, body temperature; T2DM, type 2 diabetes mellitus; TBil, total bilirubin; VIF, variance inflation factor; Weight, weight; WBC, white blood cell.