

**Supplementary Table 3.** Logistic regression analysis of intensive care unit admission predictors

Variable	Univariable analysis		Multivariable analysis	
	OR (95% CI)	P-value	OR (95% CI)	P-value
Age (yr)	0.951 (0.916–0.986)	0.007	0.907 (0.866–0.950)	<0.001
Male sex	1.283 (0.744–2.264)	0.377	-	-
Body mass index (kg/m <sup>2</sup> )	0.970 (0.903–1.038)	0.395	-	-
Altered mental status	3.412 (1.848–6.261)	<0.001	-	-
Vital sign				
Systolic blood pressure (mmHg)	0.984 (0.975–0.994)	0.001	-	-
Diastolic blood pressure (mmHg)	0.983 (0.966–0.999)	0.037	0.979 (0.961–0.997)	0.021
Heart rate (beats/min)	1.010 (0.998–1.022)	0.111	-	-
Respiratory rate (breaths/min)	1.105 (1.045–1.170)	0.001	1.071 (1.003–1.143)	0.040
Oxygen saturation (%)	0.966 (0.940–0.989)	0.006	-	-
Body temperature (°C)	0.951 (0.737–1.219)	0.697	-	-
Laboratory and radiographic finding				
White blood cell (10 <sup>9</sup> /L)	1.029 (1.000–1.060)	0.050	-	-
Hematocrit (%)	1.006 (0.968–1.045)	0.766	-	-
Platelet (10 <sup>9</sup> /L)	0.999 (0.997–1.001)	0.267	-	-
Glucose (mg/dL)	1.001 (0.998–1.004)	0.434	-	-
Blood urea nitrogen (mg/dL)	1.008 (0.997–1.019)	0.148	-	-
Creatinine (mg/dL)	1.106 (0.957–1.267)	0.152	-	-
Albumin (g/dL)	0.775 (0.473–1.272)	0.312	-	-
Sodium (mmol/L)	1.013 (0.973–1.053)	0.522	-	-
Potassium (mmol/L)	1.529 (1.040–2.260)	0.031	-	-
C-reactive protein (mg/dL)	1.022 (0.994–1.049)	0.115	-	-
pH	0.0002 (0.000–0.005)	<0.001	0.0001 (0.000–0.004)	<0.001
PaO <sub>2</sub> (mmHg)	1.007 (1.001–1.014)	0.015	-	-
Lactic acid (mmol/L)	1.298 (1.146–1.501)	<0.001	-	-
Pleural effusion on chest radiograph	1.235 (0.725–2.091)	0.433	-	-
Muscle index (mm <sup>2</sup> /m <sup>2</sup> )	0.997 (0.996–0.999)	0.003	0.997 (0.995–0.999)	0.002
Muscle attenuation (HU)	1.001 (0.983–1.019)	0.952	-	-

OR, odds ratio; CI, confidence interval; HU, Hounsfield units.