

Supplementary Materials

Table S1. Univariable Cox's regression models.

Parameter	Univariable Analysis			
	HR	95% CI		p
Age	1.06	1.05	1.07	<0.001
Sex				
<i>M (ref)</i>	1			
<i>F</i>	1.02	0.79	1.32	0.86
Body temp	0.96	0.83	1.12	0.62
Respiratory rate	1.11	1.09	1.14	<0.001
Heart rate	1.01	1.00	1.02	0.07
Systolic BP	1.00	0.99	1.00	0.25
Diastolic BP	0.97	0.96	0.99	<0.001
Oxygen saturation	0.94	0.92	0.95	<0.001
ARDS Scale				
<i>Absent (ref)</i>	1			
<i>Mild</i>	2.15	1.29	3.58	0.003
<i>Moderate</i>	3.26	2.00	5.33	<0.001
<i>Severe</i>	8.46	5.38	13.32	<0.001
<i>Missing</i>	4.05	2.42	6.77	<0.001
GCS/15				
<i>Mild impaired consciousness (ref)</i>	1			
<i>Moderate/Severe impaired consciousness</i>	8.03	5.22	12.35	<0.001
<i>Missing</i>	1.63	1.15	2.32	0.006
Respiratory Severity Scale				
<i>None (ref)</i>	1			
<i>Mask/Glasses/Cannula</i>	3.29	1.86	5.82	<0.001
<i>NIV</i>	3.90	2.19	6.97	<0.001
<i>OTI</i>	30.47	15.49	59.91	<0.001
Chronic Cardiac Disease	2.65	2.06	3.41	<0.001
CKD	3.33	2.47	4.49	<0.001
Hypertension	1.65	1.25	2.16	<0.001
Diabetes	1.73	1.33	2.26	<0.001
Smoking	1.70	1.15	2.49	0.007
CLD	0.96	0.54	1.71	0.89
Chronic Respiratory Disease	2.27	1.72	3.00	<0.001
Chronic Neurological Disorder	1.64	1.14	2.35	0.01
Malignancies	1.33	0.91	1.93	0.13
Cortison	1.13	0.63	2.02	0.67
Monoclonal Abs	1.11	0.62	2.00	0.72
Antivirals	0.24	0.16	0.37	<0.001
Stages of filtrate				
<i>1 (ref)</i>	1			
<i>2</i>	2.60	1.78	3.80	<0.001
<i>3</i>	5.66	3.79	8.43	<0.001
<i>4</i>	9.82	6.01	16.04	<0.001
<i>5</i>	14.04	8.86	22.25	<0.001

Abbreviations: M: Male; F: Female; Abs: Antibodies; ARDS: Acute Respiratory Distress Syndrome; Body temp: body temperature; GCS: Glasgow Coma Score; RSS: Respiratory Severity Scale; NIV: Non-invasive ventilation; OTI: Orotracheal Intubation; CKD: Chronic Kidney Disease; CLD: Chronic Liver Disease; eGFR: estimated glomerular filtration rate; Malign: Malignancies. **Chronic cardiac diseases** (ischemic cardiopathy, previous acute myocardial infarction (AMI), heart failure, valvulopathy and atrial fibrillation); **CKD** (chronic renal failure, glomerulonephritis and dialysis), **chronic respiratory diseases** (Chronic obstructive pulmonary disease, asthma, lung fibrosis), **CLD** (chronic hepatopathy from HCV and HBV, cirrhosis, NAFLD).