

**Supplementary Table 3.** Multivariable logistic regression analysis of vasopressor use

Variable	Odds ratio (95% confidence interval)	P-value
Age	1.01 (1.01–1.02)	<0.001
Diabetes mellitus	1.32 (1.08–1.60)	0.005
Heart failure	1.65 (1.05–2.60)	0.031
Liver cirrhosis	0.28 (0.13–0.64)	0.002
Systolic blood pressure	0.98 (0.98–0.99)	<0.001
White blood cells	1.05 (1.04–1.06)	<0.001
Hemoglobin	1.11 (1.07–1.15)	<0.001
Albumin	0.38 (0.32–0.44)	<0.001
Creatinine	1.09 (1.05–1.13)	0.025
Lactate	1.21 (1.17–1.24)	<0.001
After COVID-19	0.77 (0.65–0.91)	0.002

Multivariable adjustment for confounding variables that were significant in univariate analysis. Variables yielding P-values less than 0.1 in univariate analysis were entered into a backward multivariable logistic regression analysis.