

Supplementary Table S5. Univariate and multivariate logistic regression analysis addressing risk factors for ICU mortality

Variable	Univariate analysis			Multivariate analysis		
	OR	95% CI	p-value	OR	95% CI	p-value
Age, yr						
65–74 (O group)	Reference					
75–84 (VO group)	1.394	1.270–1.531	<0.001	1.206	1.085–1.341	0.001
≥85 (VVO group)	2.078	1.748–2.472	<0.001	1.604	1.310–1.964	<0.001
Male sex	1.240	1.133–1.357	<0.001	1.185	1.071–1.310	0.001
Medical ICU admission	3.740	3.399–4.116	<0.001	3.456	3.074–3.887	<0.001
Admission source						
Ward	Reference			Reference		
ER	4.108	3.714–4.544	<0.001	2.260	2.001–2.553	<0.001
Others	2.795	1.955–3.996	<0.001	2.880	1.936–4.283	<0.001
Underlying disease						
Chronic heart disease	1.114	0.994–1.248	0.064	1.093	0.961–1.243	0.175
Hematologic malignancy	2.381	1.473–3.849	<0.001	1.266	0.726–2.208	0.405
Solid tumor	1.243	1.017–1.520	0.034	0.925	0.735–1.164	0.507
Chronic liver disease	1.748	1.349–2.265	<0.001	1.578	1.165–2.137	0.003
Chronic lung disease	1.312	1.098–1.567	0.003	0.988	0.806–1.210	0.904
DM	1.124	1.023–1.235	0.015	0.954	0.857–1.061	0.382
CKD	1.883	1.502–2.360	<0.001	1.163	0.897–1.510	0.255
CKD on HD*	2.100	1.456–3.027	<0.001			
CVA	0.978	0.833–1.148	0.782			
Transplantation	2.022	1.097–3.727	0.024	2.161	1.067–4.377	0.032
Support during index ICU stay						
Mechanical ventilation	14.257	12.550–16.197	<0.001	7.794	6.753–8.996	<0.001
Vasopressors	7.430	6.713–8.223	<0.001	3.609	3.203–4.067	<0.001

*CKD on HD was not included in the multivariate analysis due to co-linearity with CKD ($r=0.509$, $p<0.001$).

ICU: intensive care unit; OR: odds ratio; CI: confidence interval; O: older; VO: very older; VVO: very very older; ER: emergency room; DM: diabetes mellitus; CKD: chronic kidney disease; HD: hemodialysis; CVA: cerebrovascular accident.