

Table 3 . Cox proportional hazards ratiosfor 28-day all-cause mortality, all-cause mortality, and acute kidney injury (HR)

	Model 1		Model 2		Model 3		Model 4	
Categories	HR (95% CI)	P-Value	HR (95% CI)	P-Value	HR (95% CI)	P-Value	HR (95% CI)	P-Value
All Cause Mortality								
Continues variable per unit	16.43 10.09, 27.85	<0.001	16.50 10.09, 28.11	<0.001	0.076 0.020, 0.330	<0.001	0.117 0.030, 0.508	0.002
Quartile								
Q1	—	—	—	—	—	—	—	—
Q2	1.046 0.652, 1.677	0.9	1.268 0.782, 2.057	0.3	1.003 0.593, 1.695	>0.9	0.992 0.573, 1.715	>0.9
Q3	2.637 1.723, 4.080	<0.001	3.264 2.100, 5.136	<0.001	1.385 0.819, 2.352	0.2	1.255 0.723, 2.184	0.4
Q4	18.31 12.15, 28.18	<0.001	20.84 13.65, 32.53	<0.001	2.829 1.403, 5.731	0.004	2.506 1.201, 5.245	0.014
28 Days All Cause Mortality								
Continues variable per unit	11.75 7.536, 18.97	<0.001	11.72 7.487, 18.99	<0.001	0.062 0.017, 0.236	<0.001	0.117 0.030, 0.508	0.002
Quartile								
Q1	—	—	—	—	—	—	—	—
Q2	1.073 0.655, 1.755	0.8	1.282 0.775, 2.121	0.3	1.045 0.609, 1.790	0.9	0.992 0.573, 1.715	>0.9
Q3	2.675 1.720, 4.215	<0.001	3.254 2.062, 5.205	<0.001	1.488 0.873, 2.551	0.15	1.255 0.723, 2.184	0.4
Q4	17.33 11.42, 26.90	<0.001	19.44 12.67, 30.56	<0.001	2.992 1.493, 6.029	0.002	2.506 1.201, 5.245	0.014
AKI								
Continues variable per unit	3.938 2.830, 5.582	<0.001	3.935 2.823, 5.588	<0.001	0.051 0.012, 0.184	<0.001	0.087 0.021, 0.309	<0.001
Quartile								
Q1	—	—	—	—	—	—	—	—
Q2	2.561 1.412, 4.837	0.003	2.629 1.441, 4.995	0.002	2.751 1.499, 5.254	0.001	2.713 1.470, 5.210	0.002
Q3	6.117 3.512, 11.24	<0.001	6.287 3.583, 11.63	<0.001	5.815 3.213, 11.05	<0.001	5.215 2.855, 9.979	<0.001
Q4	22.72 13.40, 41.03	<0.001	23.04 13.56, 41.66	<0.001	18.19 8.754, 39.25	<0.001	13.83 6.561, 30.21	<0.001

MODEL1:None

MODEL2:Age, Gender

MODEL3:Age, Gender, Albumin, Aniogap, Bicarbonate, Bun, Chloride, Creatinine, Glucose, MCH, MCHC, MCV

MODEL4:Age, Gender, Albumin, Aniogap, Bicarbonate, Bun, Chloride, Creatinine, Glucose, MCH, MCHC, MCV, Myocardial_Infarct, Perip

heral_Vascular_Disease, Cerebrovascular_Disease,, Chronic_Pulmonary_Disease, Charlson_Comorbidty_Index