

Table S2 The ORs for all-cause mortality across groups of the first-day RPR

RPR Quartiles	ORs	95% CI	p value
Crude			
<0.055	1		
0.055-0.069	1.06	0.77-1.45	0.736
0.069-0.089	1.25	0.91-1.70	0.165
>0.089	3.26	1.93-3.38	<0.001***
Model 1			
<0.055	1		
0.055-0.069	1.00	0.72-1.37	0.979
0.069-0.089	1.11	0.81-1.52	0.502
>0.089	2.23	1.68-2.97	<0.001***
Model 2			
<0.055	1		
0.055-0.069	0.93	0.66-1.30	0.656
0.069-0.089	0.96	0.68-1.34	0.796
>0.089	2.02	1.48-2.74	<0.001***
Model 3			
<0.055	1		
0.055-0.069	0.91	0.64-1.27	0.565
0.069-0.089	0.94	0.67-1.31	0.695
>0.089	1.93	1.42-2.63	<0.001***

Multivariable logistic regression models were used to calculate ORs with 95% CI. Model 1 was adjusted for the confounders age and sex. Model 2 was adjusted for the confounders age, sex, first-day GCS, and neurosurgical operations. Model 3 was adjusted for the confounders age, sex, first-day GCS, neurosurgical operations, and comorbidities including ASHD, COPD, HBP, stroke, hematopathy/coagulopathy, CNS infection, and pneumonia. The mean variance inflation factor was 3.26 and 2.22, and the p value of the goodness of fit was 0.99 and 0.99 for Model 2 and Model 3, respectively.

***p < 0.001, *p < 0.05

Abbreviations: *ASHD* arteriosclerotic heart disease; *CI* Confidence Interval; *CNS* central nervous system; *COPD* chronic obstructive pulmonary disease; *GCS* Glasgow Coma Scale; *HBP* high blood pressure; *OR* Odds Ratio; *Plt* platelet; *RDW* red cell distribution width; *RPR* RDW to Plt count ratio