

Table S1 Risk factors for preoperative mortality in ED using Cox regression univariable analysis

Factors	Hazard ratio	95% CI		P value
		Lower	Upper	
Age	1.500	0.984	2.286	0.06
Gender	0.816	0.405	1.643	0.57
Onset of AAD	0.607	0.395	0.933	0.02
Form of oxygen delivery	0.365	0.222	0.601	<0.001
Hypoxemia severity	1.796	0.914	3.535	0.09
MAP	0.988	0.971	1.005	0.16
PLT	0.999	0.996	1.002	0.57
D-dimer	1.00	1.00	1.00	0.63
CRP	0.993	0.984	1.003	0.16
NT-proBNP	1.490	0.957	2.321	0.08
WBC	1.029	0.970	1.091	0.34
Creatinine	1.000	0.998	1.002	0.82
Lactate	1.103	0.879	1.384	0.40

ED, emergency department; CI, confidence interval; AAD, acute aortic dissection; MAP, mean arterial pressure; PLT, platelet; CRP, C-reactive protein; NT-proBNP, N-terminal pro-brain natriuretic peptide; WBC, white blood cell.