

Supplementary table 3**Alternative imputations for missing vital sign data**

	Raw data		Missing imputed as normal		Missing imputed as abnormal	
	N (%)	Mortality	N (%)	Mortality	N (%)	Mortality
qSOFA<2	995 (87.7%)	55 (5.6%)	1002 (88.3%)	56 (5.7%)	976 (87.4)	53 (5.4%)
qSOFA ≥2	140 (12.3%)	31 (22.3%)	133 (11.7%)	30 (22.7%)	142 (12.5%)	31 (22.0%)
Respiratory rate>22	278(24.5%)	34 (12.5%)	345 (30.4%)	40 (11.8%)	360 (31.7%)	40 (11.3%)
Sbp <100	231(20.4%)	33 (14.4%)	247 (21.8%)	33 (13.5%)	252 (22.2%)	34 (13.7%)
Altered mental status	80(7.0%)	30 (37.5%)	80	30(37.5%)	83 (7.3%)	30 (36.6%)