

Supplemental Table 1. ROC curve analysis to identify the serum lactate level cut-off value for predicting hospital mortality

Laboratory parameter	AUC (95% CI)	Cut-off value	Sensitivity	Specificity	Youden's index
Non-cirrhosis patient					
Initial serum lactate level (mmol/L)	0.63 (0.57–0.66)	3	0.6	0.51	0.11
		4	0.5	0.66	0.16
		5	0.33	0.76	0.09
Serum lactate at 6 hours (mmol/L)	0.62 (0.56–0.68)	2	0.8	0.44	0.24
		3	0.49	0.65	0.14
		4	0.35	0.8	0.15
Serum lactate clearance (%)	0.56 (0.50–0.62)	10	0.7	0.43	0.13
		15	0.6	0.46	0.06
		20	0.5	0.6	0.1
Cirrhosis patients					
Initial serum lactate level (mmol/L)	0.65 (0.44–0.85)	4	0.78	0.52	0.3
		5	0.78	0.61	0.39
		6	0.67	0.65	0.32
Serum lactate at 6 hours (mmol/L)	0.60 (0.35–0.84)	4	0.67	0.64	0.31
		5	0.67	0.68	0.35
		6	0.33	0.81	0.14
Serum lactate clearance (%)	0.54 (0.29–0.78)	10	0.74	0.22	0.01
		15	0.64	0.43	0.07
		20	0.52	0.56	0.08

ROC: receiver operating characteristic; AUC: area under the curve; CI: confidence interval.