

Supplementary Table 5. Improvement of reclassification and discrimination of 90-day mortality with individual laboratory parameters to APACHE II scores

Model	C-statistics (95% CI)	Model performance compared to baseline model					
		Δ C-statistics (95% CI)	p-value	NRI (95% CI)	p-value	IDI (95% CI)	p-value
APACHE II	0.65 (0.63–0.67)	-	-	-	-	-	-
APACHE II + platelet count	0.67 (0.66–0.69)	0.03 (0.02–0.04)	<0.001	0.24 (0.19 to 0.29)	<0.001	0.06 (0.03–0.08)	<0.001
APACHE II + neutrophil count	0.65 (0.63–0.67)	0.00 (0.00–0.01)	0.05	0.10 (0.01 to 0.16)	0.03	0.01 (0.00–0.02)	0.07
APACHE II + albumin	0.66 (0.65–0.68)	0.02 (0.01–0.03)	<0.001	0.19 (0.13 to 0.25)	<0.001	0.03 (0.02–0.05)	<0.001
APACHE II + C-reactive protein	0.65 (0.63–0.66)	0.00 (0.00–0.00)	0.97	0.02 (-0.09 to 0.08)	0.53	0.00 (0.00–0.01)	0.37
APACHE II + lymphocyte count	0.64 (0.63–0.66)	0.00 (0.00–0.00)	0.32	0.09 (-0.16 to 0.15)	0.31	0.00 (0.00–0.01)	0.28

APACHE II, Acute Physiology and Chronic Health Evaluation II; CI, confidence interval; IDI, integrated discrimination index; NRI, net reclassification index.