Supplementary Table 1. Incremental prognostic value of hematologic markers assessed by NRI and IDI analyses

Model	NRI (95% CI)	NRI P-value	IDI (95% CI)	IDI P-value
SOFA score	(Reference)	-	(Reference)	-
SOFA + NLR day 5	0.820 (0.423 to 1.216)	<0.001	0.104 (0.010 to 0.199)	0.030
SOFA + NLR day 5/day 1	−0.395 (−0.753 to −0.036)	0.031	0.000 (−0.000 to 0.001)	0.282
SOFA + NLR day 5/day 1 >1	0.754 (0.356 to 1.152)	<0.001	0.041 (0.004 to 0.078)	0.031
SOFA + LMR day 5	0.377 (−0.010 to 0.763)	0.056	0.017 (−0.004 to 0.039)	0.119
SOFA + LMR day 5/day 1	0.829 (0.515 to 1.142)	<0.001	0.052 (0.021 to 0.083)	0.001
SOFA + LMR day 5/day 1 <1	0.804 (0.491 to 1.117)	<0.001	0.042 (0.019 to 0.065)	<0.001
Lactate day 1	(Reference)	-	(Reference)	-
Lactate + NLR day 5	1.331 (0.474 to 2.188)	0.002	0.432 (0.034 to 0.831)	0.033
Lactate + NLR day 5/day 1	−0.880 (−1.865 to 0.106)	0.080	0.000 (−0.001 to 0.001)	0.788
Lactate + NLR day 5/day 1 >1	0.663 (−0.331 to 1.656)	0.191	0.033 (−0.030 to 0.096)	0.305
Lactate + LMR day 5	1.018 (0.150 to 1.886)	0.022	0.129 (0.009 to 0.249)	0.035
Lactate + LMR day 5/day 1	0.657 (−0.218 to 1.532)	0.141	0.029 (−0.011 to 0.068)	0.154
Lactate + LMR day 5/day 1 <1	1.108 (0.895 to 1.322)	<0.001	0.047 (0.022 to 0.072)	<0.001

Incremental prognostic value was assessed by comparing models including SOFA score or lactate alone versus SOFA score or lactate plus each hematologic marker.

NRI: net reclassification improvement; IDI: integrated discrimination improvement; SOFA: Sequential Organ Failure Assessment; NLR: neutrophil-to-lymphocyte ratio; LMR: lymphocyte-to-monocyte ratio.