

Online supplement

Supplementary table 1. Area under the receiver operator curve and 95% confidence interval for DECAF, NEWS2_{All COPD}, NEWS2 and NEWS in predicting inpatient mortality in patients with COPD exacerbation

Cohort	DECAF	NEWS2 _{All COPD}	NEWS2	NEWS	DECAF v NEWS2 _{All COPD} , p	NEWS2 _{All COPD} v NEWS2, p	NEWS2 _{All COPD} v NEWS, p	NEWS2 v NEWS, p
All patients	0.83 0.81-0.86	0.72 0.68-0.76	0.70 0.67-0.74	0.65 0.61-0.68	<0.001	0.090	<0.001	<0.001
Derivation	0.86 0.82-0.89	0.69 0.64-0.76	0.69 0.63-0.75	0.62 0.57-0.68	<0.001	0.619	<0.001	0.002
Validation	0.82 0.79-0.85	0.73 0.69-0.73	0.71 0.66-0.76	0.66 0.61-0.71	<0.001	0.091	<0.001	<0.001

*P value calculated by method of DeLong