

Supplementary materials

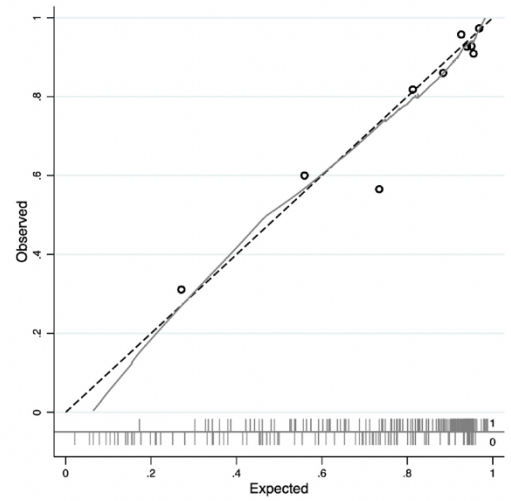
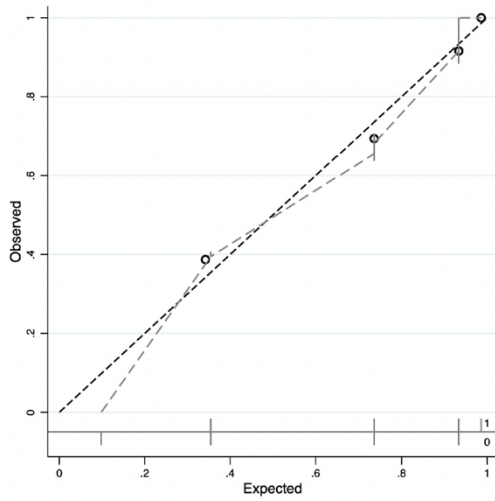
	Coefficient	95%CI	Odd Ratio	95%CI	p-value	AIC	BIC
Model 1						831.606	845.737
MTS	1.621	1.377-1.866	5.061	3.963-6.462	<0.001		
Model 2							
						746.819	780.372
MTS	1.249	0.974-1.523	3.486	2.651-4.586	<0.001		
NEWS	0.187	0.103-0.271	1.206	1.109-1.311	<0.001		
CCI	0.114	0.042-0.188	1.121	1.042-1.206	<0.001		

Supplementary materials, Table 1. Result of the ordinal logistic regression model where in Model

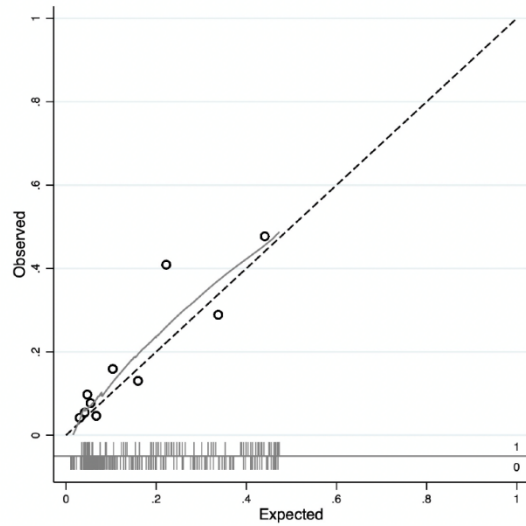
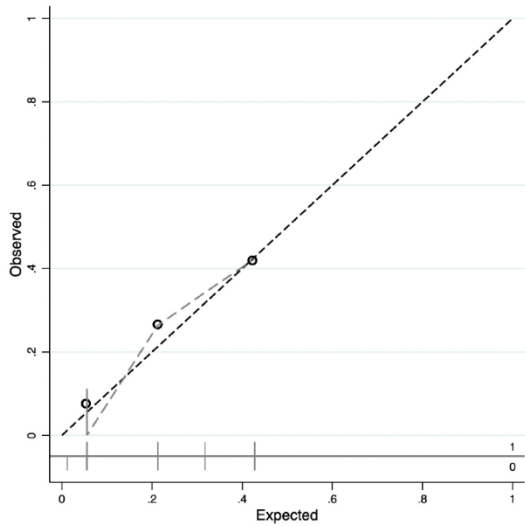
1 only MTS was included against the study outcome, and in the second model all variables that

were significant in the previous univariate analysis were included. Model 2 reports only the

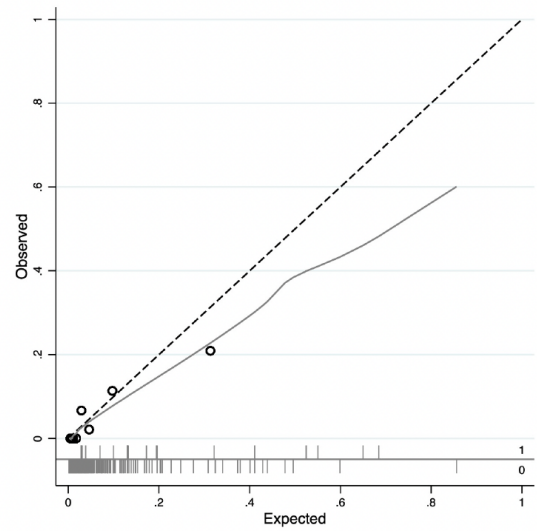
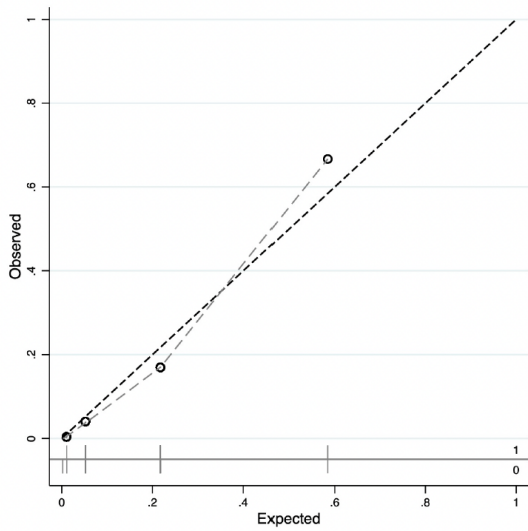
statistically significant results.



Supplementary materials, Table 2. Ability to predict patients classified as non-urgent by the ED physician among the validation cohort patients bootstrapped to 5000, with MTS ability reported on the left and the model on the right.



Supplementary materials, Table 3. Ability to predict patients classified as urgent by the ED physician among the validation cohort patients bootstrapped to 5000, with MTS ability reported on the left and the model on the right.



Supplementary materials, Table 4. Ability to predict patients classified as very urgent by the ED physician among the validation cohort patients bootstrapped to 5000, with MTS ability reported on the left and the model on the right.