

<b>Terms</b>	<b>Description</b>
<b>Internal validation</b>	Validation of model using data from the same source as training
<b>External validation</b>	Validation of model using data from a source different from training
<b>Response variable</b>	Variable to be predicted. Also known as dependent variable
<b>Independent variable</b>	Variables used to predict the response variable. Also known as feature
<b>True positive (TP)</b>	Correct positive prediction
<b>True negative (TN)</b>	Correct negative prediction
<b>False positive (FP)</b>	Predicting positive, but actually negative
<b>False negative (FN)</b>	Predicting negative, but actually positive
<b>Sensitivity</b>	$TP/(TP+FN)$
<b>Specificity</b>	$TN/(TN+FP)$
<b>Positive predictive value (PPV)</b>	$TP/(TP+FP)$
<b>Negative predictive value (NPV)</b>	$TN/(TN+FN)$
<b>Receiver operating characteristic (ROC)</b>	A curve showing true positive rate (TPR) against the false positive rate (FPR) at various discrimination threshold settings
<b>Area under the ROC (AUC)</b>	The area under the ROC curve. It is often used to compare predictive models.