

Confusion Matrix

True Positives (TPs)	False Positives (FPs)
False Negatives (FNs)	True Negatives (TNs)

Confusion Matrix

Confusion Matrix and ROC Curve

		Predicted Class	
		No	Yes
Observed Class	No	TN	FP
	Yes	FN	TP

TN True Negative
FP False Positive
FN False Negative
TP True Positive

Model Performance

Accuracy $= (TN+TP)/(TN+FP+FN+TP)$

Precision $= TP/(FP+TP)$

Activate Windows
Go to Settings to activate

Confusion Matrix

$$Precision = \frac{TP}{TP + FP}$$

$$Recall = \frac{TP}{TP + FN}$$

$$F1 = 2 \cdot \frac{precision \cdot recall}{precision + recall}$$

TP = True positive

TN = True negative

FP = False positive

FN = False negative

