Confusion matrix

Predicted

Actual

	0	1
0	**TN**	**FP**
1	**FN**	**TP**

Type I
error

Type II
error
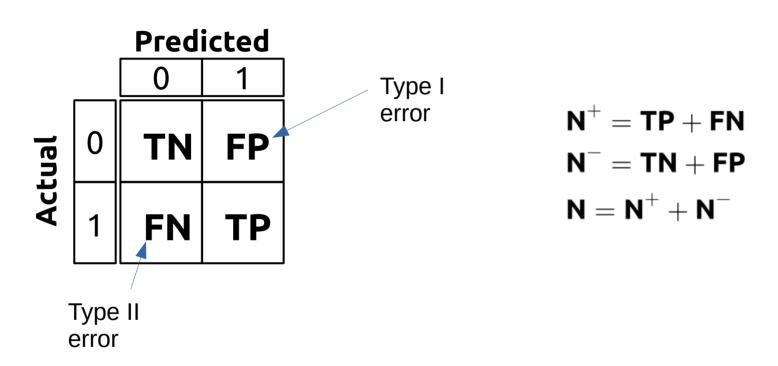
$$N^+ = TP + FN$$

$$N^- = TN + FP$$

$$N = N^+ + N^-$$

Accuracy

$$A = \frac{TP + TN}{N}$$

True negative rate

$$TNR = \frac{TN}{TN+FP}$$

True positive rate

$$TPR = \frac{TP}{TP+FN}$$ (aka Recall)

Precision

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