	Expected	
	different	same
Observed different	TP	FP
Observed same	FN	TN

$$True\ Positive\ Rate\ (Sensitivity,\ Recall) = \frac{TP}{TP + FN}$$

$$True\ Negative\ Rate\ (Specificity) = \frac{TN}{TN + FP}$$

$$Positive\ Predictive\ Value\ (Precision) = \frac{TP}{TP + FP}$$

Figure 5.5. Summary of measures extracted from a confusion matrix. These measures are used to construct the ROC and PR curves.