

Confusion Matrix: F1 Score

		Predicted	
		Positive	Negative
Actual	Positive	True Positive (TP)	False Negative (TN)
	Negative	False Positive (FP)	True Negative (TN)



*Combination of
Precision (how often predicted
positives ARE positive) and
Recall (how often we correctly
predict actual positives)*

2

1

Precision

+

1

Recall

$$= \frac{2 \times \textit{precision} \times \textit{recall}}{\textit{precision} + \textit{recall}}$$

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ROC AUC