

# In-Class Activity

	TP	FP	FN
0			
1			
2			
3			
<i>Total</i>			

	0	1	2	3
0	37	0	0	0
1	0	39	0	0
2	0	0	41	3
3	0	0	1	43

True

Predicted

$$\text{Accuracy} = \frac{\text{TP} + \text{TN}}{\text{TP} + \text{TN} + \text{FP} + \text{FN}}$$

$$\text{Precision} = \frac{tp}{tp + fp}$$

$$\text{Recall} = \frac{tp}{tp + fn}$$

$$F_1 = 2 \cdot \frac{\text{precision} \cdot \text{recall}}{\text{precision} + \text{recall}}$$