

Actual	Predicted
N	N
P	P
P	N
P	P
N	P
N	N
N	P
P	N
P	P
P	P

Actual/Predic class	P	N	All
P	4	2	6
N	2	2	4

$$\text{Accuracy} = \frac{TP + TN}{\text{All}} = \frac{4 + 2}{10} = 0.6 \quad \#$$

$$\text{Sensitivity (Recall)} = \frac{TP}{P} = \frac{4}{6} = 0.667 = 66.7\%$$

$$\text{Specificity} = \frac{TN}{N} = \frac{2}{4} = \frac{1}{2} = 0.5 = 50\%$$

$$\text{Precision (P)} = \frac{TP}{(TP + FP)} = \frac{4}{(4 + 2)} = \frac{4}{6} = 0.667 = 66.7\%$$

$$\text{Recall (R)} = \frac{TP}{(TP + FN)} = \frac{4}{(4 + 2)} = 0.667 = 66.7\%$$

$$\text{F1 Measure} = \frac{2PR}{P + R} = \frac{2(0.667)(0.667)}{(0.667 + 0.667)} = 0.667 = 66.7\%$$