

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

Actual class / Predicted class	P	N
P	4 TP	2 FN
N	2 FP	2 TN

$$\text{Accuracy} = (4+2) / 10 = 6/10 = 0.6$$

$$P = \text{Precision} = \frac{4}{6}$$

$$R = \text{Recall} = \frac{4}{6}$$

$$\text{sensitivity} = \frac{4}{6}$$

$$\text{specificity} = 2/4$$

$$F_1 \text{ score} = \frac{2PR}{P+R} = \frac{2\left(\frac{4}{6}\right)\left(\frac{4}{6}\right)}{\frac{4}{6} + \frac{4}{6}} = \frac{2}{3} \approx 0.6$$