

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	2
N	2	2

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

$$P = \text{Precision} = \frac{4}{6} = 0.67$$

$$\begin{aligned} \text{sensitivity (Recall)} &= 4/6 \\ \text{specificity} &= 2/4 \end{aligned}$$

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