

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

Actual class \ Predicted class	+	-	total
+	4	2	6
-	2	2	4
total	6	4	

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

$$\text{Error rate} = (2+2) / 10 = 0.4$$

$$\text{Precision} = \frac{4}{4+2} = 0.67$$

$$\text{Recall} = \frac{4}{4+2} = 0.67$$

$$\text{Specificity} = \frac{2}{4} = 0.5$$

$$F1 = \frac{2(0.67)(0.67)}{0.67+0.67} = 0.58$$

