

Ground truth

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

Actual	Predicted	
	C (P)	-C (N)
C (P)	4	2
-C (N)	2	2

$$\text{Precision} = \frac{4}{6} = 0.667$$

$$\text{Recall} = \frac{4}{6} = 0.667$$

$$\text{Sensitivity (Recall)} = \frac{4}{6} = 0.667$$

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

$$F_1 = \frac{2PR}{P+R} = \frac{2(0.667)(0.667)}{0.667 + 0.667} = \frac{0.890}{1.334} = 0.667$$

$$= \frac{4+2}{10}$$

$$= 0.6 \quad \#$$