

Ground Truth

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

TN x

TP x

FN x

TP x

FP x

TN x

FP x

FN x

TP x

TP x

Actual class \ Predicted class	yes	no	Total
yes	TP = 4	FN = 2	P = 6
no	FP = 2	TN = 2	N = 4
Total	P' = 6	N' = 4	10

$$\text{Accuracy} = \frac{(TP+TN)}{\text{All}} = \frac{(4+2)}{10} = \frac{6}{10}$$