

$$P: \text{Precision} = \frac{TP}{TP + FP} = \frac{4}{4 + 2} = 0.666$$

$$R: \text{Recall} = \frac{TP}{TP + FN} = \frac{4}{4 + 2} = 0.666$$

$$\text{Sensitivity} = \frac{TP}{P} = \frac{4}{6} = 0.666$$

$$\text{Specificity} = \frac{TN}{N} = \frac{2}{4} = \frac{1}{2} = 0.5$$

↓ not }

F<sub>1</sub>-measure

$$F_1 = \frac{2PR}{P+R} = \frac{2(0.67)(0.67)}{0.67 + 0.67} = \frac{0.897}{1.34} = 0.669 \approx 0.67$$