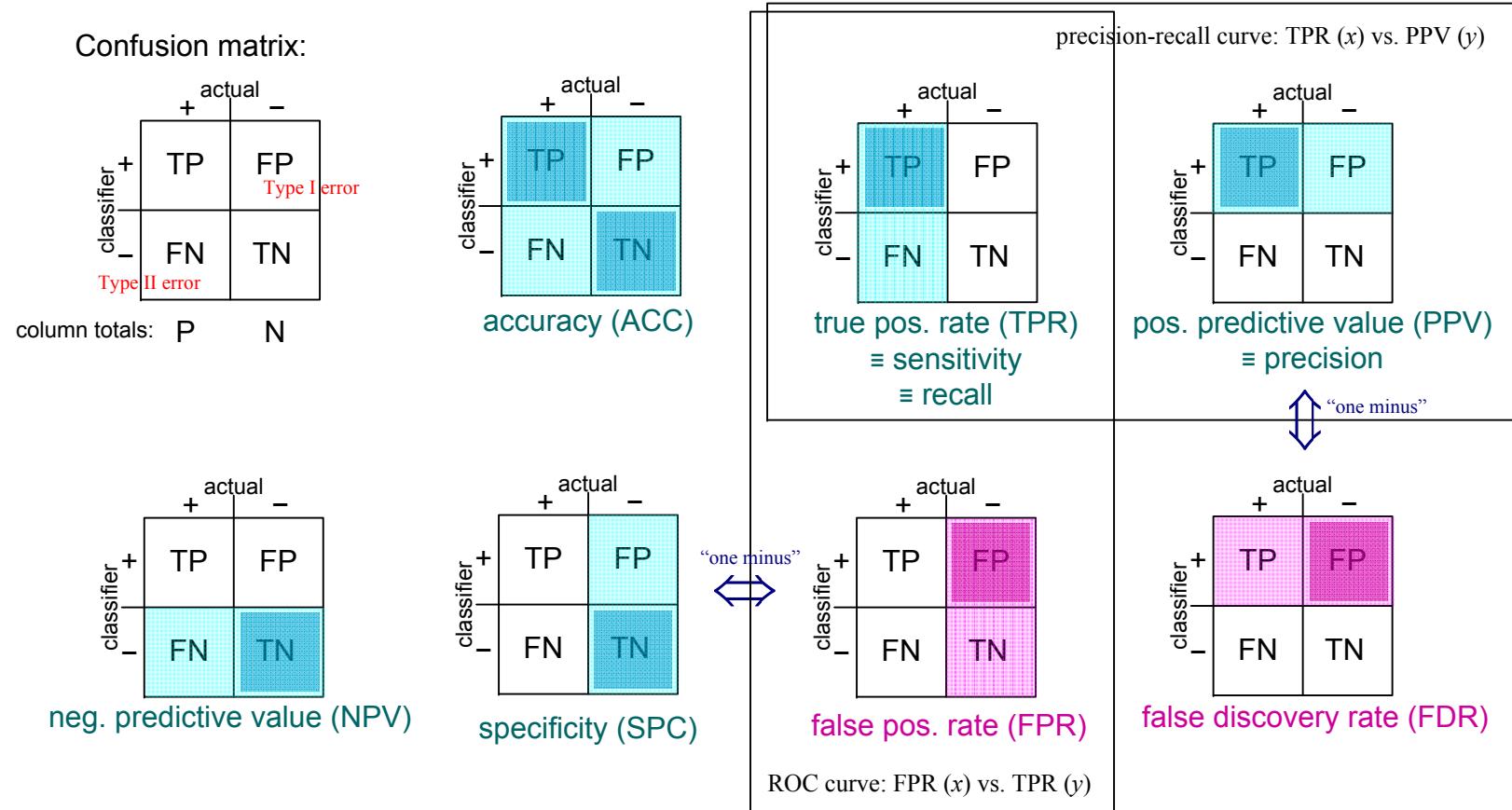


"Cheat sheet" on accuracy, precision, recall, TPR, FPR, specificity, sensitivity, ROC, and all that stuff!
 William H. Press, ver 1.0, 3/29/08



value (between 0 and 1) = numerator / denominator
 numerator = dark color shade
 denominator = dark + light color shade
 blue: value 1 is good
 pink: value 0 is good

Map points from ROC to
 Precision-Recall or vice-versa:
 (TPR same values in both)

$$\text{PPV} = \frac{P \text{ TPR}}{P \text{ TPR} + N \text{ FPR}} \quad (\text{ROC to P-R})$$

$$\text{FPR} = \frac{P (1 - \text{PPV}) \text{ TPR}}{N \text{ PPV}} \quad (\text{P-R to ROC})$$