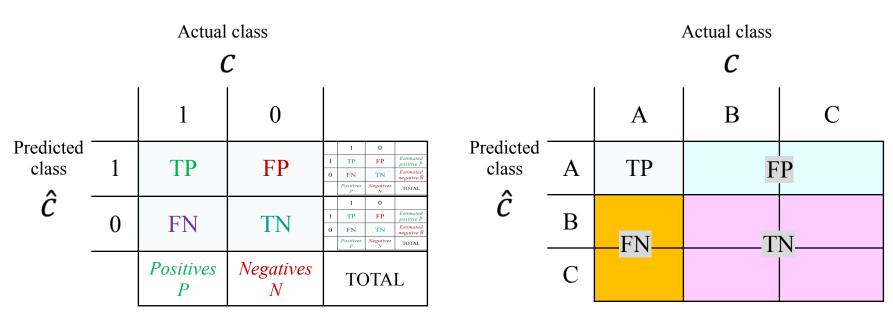
PA#1

- You are to compute the averages of the following, averaged over the three classes:
 - true positive rate
 - false positive rate
 - error rate
 - the accuracy
 - the precision
- That is, compute each one for class A, each for class B, and each one for class C, then average all three
 - E.g., TPR = $(TPR_A + TPR_B + TPR_C)/3$
 - $FPR = (FPR_A + FPR_B + FPR_C)/3$
 - **—** ...
- But how to compute these for a three-class problem?

Two-class:

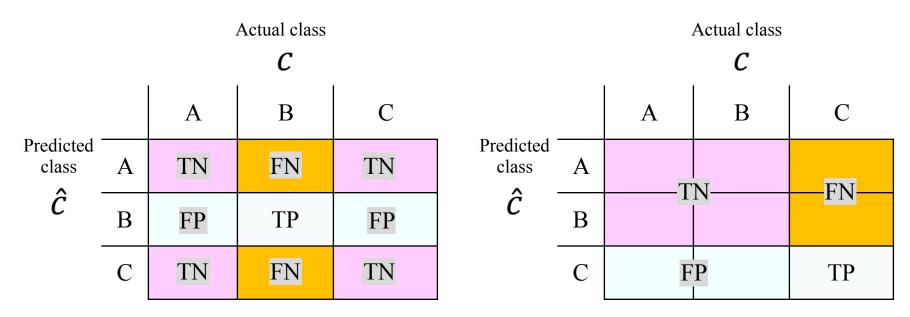
Three-class, for class A:



True positives in white entry
False negatives – sum the orange entries
False positives – sum the blue entries
True negatives – sum the pink entries

Three-class, for class B:

Three-class, for class C:



True positives in white entry
False negatives – sum the orange entries
False positives – sum the blue entries
True negatives – sum the pink entries