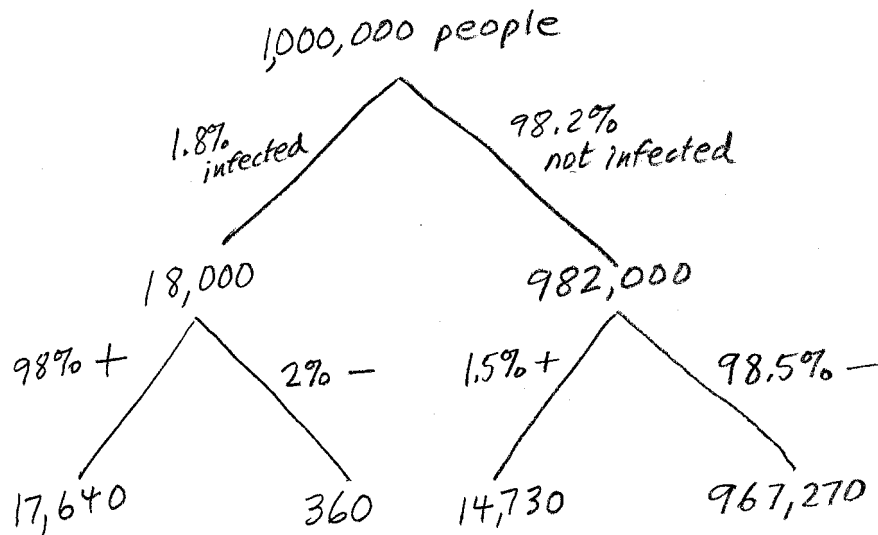


Mr. Hansen
STATistics HW due
11/14/2008 [excerpt]



Total # of people receiving "+" readings in screening test:

$$\begin{array}{r} 17,640 \\ + 14,730 \\ \hline 32,370 \end{array}$$

[Of these, almost half are false positives!]

$$PPV = P(\text{infected} | +) = \frac{17,640}{32,370} = \textcircled{.545}$$