Damion
Huppet

# Activity 4

2) A) $7/14$    B) $2/14$    C) $10/14$    D) $3/7$    E) $3/a$

F) $-\left(\frac{9}{14}\log_2\left(\frac{9}{14}\right) + \frac{5}{14}\log_2\left(5/14\right)\right) = .940288$

3) In other PDF

5) $TP = 5$    $FN = 1$    $FP = 2$    $TN = 3$

Sensitivity $= TP/_{TP+FN} = 5/6$    Specificity $= TN/_{TN+FP} = 3/5$

$P(Miss) = \frac{1}{6}$    $P(FA) = 2/5$    Precision $= 5/7$

recall $= 3/4$