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Probability Practice
Part A
    P(Yes) = P(Yes|RC) x P(RC) + P(Yes|TC) x P(TC) = 0.65
    0.65 = 0.5 × 0.3 + P(Yes|TC) × 0.7
P(Yes|TC) = (0.65 - 0.5 × 0.3) ~ 71.43%.
  Approximately 71.43% of truthful clickers answered tes.
Pout B
    P(+)=P(+1D)×P(D)+P(+1D)×P(-P)
    P(+1-D)=1-0.9999=0.0001
    P(-17) = 0.999975.
    P(+)=0.993x0,00000x+0.0001x0.999975
    P(+) = 0.000024875 +0.0000999975
           = 0.0001248775.
    P(DI+) = 0.993 x 0.000024
0.0001248724
    P(DI+) = 0.000024875.
    P(D|+) = 0.198945
 There is approximately a 19.89% chance that the
   Individual actually has the disease
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