

$$k = 2$$

$$m = 5$$

$$n = 15$$

$$P_{RM} = \frac{E_{RM}}{N} = \left( \frac{7}{15} \right)^2 = \frac{49}{225} = 21.78\%$$

$$Calc = \left( 1 - e^{\frac{-2(15)}{5}} \right)^2 \approx 99.5\%$$