

Expected Frequency

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Expected frequency = # trials \times probability

e.g. Flipping a coin 500 times, what is the expected frequency of heads?

$$\begin{aligned} E(H) &= 500 \times \frac{1}{2} \\ &= 250 \end{aligned}$$

Ex 7.6 p 114 Q 1, 2, 4, 6, 9, 10

$$\begin{aligned} \text{Q1. (i)} \quad E(I) &= 6000 \times \frac{1}{6} \\ &= 1000 \end{aligned}$$

$$\begin{aligned} \text{Q2 (i)} \quad E(R) &= 1040 \times \frac{26}{52} \\ &= 520 \end{aligned}$$