

Session 16 Group Quiz

① We know $\alpha = \frac{1}{2}$ & $\beta = \beta$

$$\mu = \frac{\alpha}{\beta}$$

$$\beta = \frac{\alpha}{\mu}$$

$$\hat{\beta} = \frac{1}{2\bar{x}}$$

Change for \bar{x}

$$\textcircled{b} \bar{x} = \frac{3 + 15 + \dots + 38 + 1 + 2}{17}$$

$$= \frac{209}{17}$$

$$\hat{\beta} = \frac{17}{2 \cdot 209} \Rightarrow \frac{17}{418} = \boxed{0.04067}$$