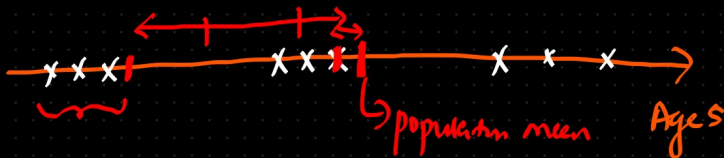
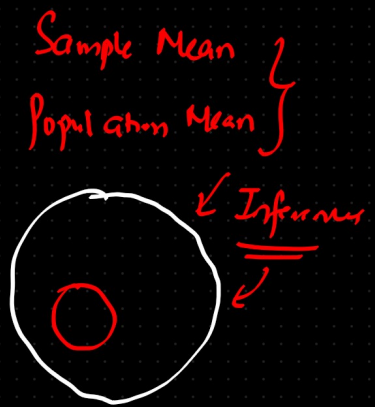


Sample Variance

$$s^2 = \frac{\sum_{i=1}^n (x_i - \bar{x})^2}{n-1}$$

n = Sample data
 $\uparrow \uparrow \uparrow$ { Imp interview }
 $\rightarrow n-1 \rightarrow ??$ { question }
 \uparrow
 $\{ \text{Unbiased Estimation} \}$



$\{ n-2, n-3, n-4 \}$
 Experimentation $\{ \underline{n-1} \}$