- $\bar{x} = \frac{\sum x}{n}$ and $\bar{x} = \frac{\sum xf}{n}$
- $s = \sqrt{\frac{\sum x^2 - n\bar{x}^2}{n-1}}$
- $P_\alpha = (1-d)X_{(i)} + dX_{(i+1)}$
- $LIF = Q_1 - 1.5(Q_3 - Q_1)$ and $UIF = Q_3 + 1.5(Q_3 - Q_1)$
- $C.V = \frac{\sigma}{\mu}$
- $\mu = E(x) = \int x\, f(x) dx$ and $Var(x) = E(x^2) - \mu^2$
- $f(x) = \frac{1}{b-a}, \quad a < x < b$
- $f(x) = \lambda e^{-\lambda x}, \ x > 0$