

Fórmulas Estadística Descriptiva

$$s^2 = \frac{\sum x_i^2 n_i}{n} - \bar{x}^2 \quad (1)$$

$$g_1 = \frac{\sum (x_i - \bar{x})^3 n_i}{ns^3} \quad (2)$$

$$g_2 = \frac{\sum (x_i - \bar{x})^4 n_i}{ns^4} - 3 \quad (3)$$

$$s_{xy} = \frac{\sum x_i y_j n_{ij}}{n} - \bar{x} \cdot \bar{y} \quad (4)$$

$$Me = l_{i-1} + \frac{n/2 - N_{i-1}}{n_i} a_i \quad (5)$$

$$P_i = l_{i-1} + \frac{F_{P_i} - F_{i-1}}{F_i - F_{i-1}} (l_i - l_{i-1}) \quad (6)$$

Fórmulas Probabilidad

$$P(A|B) = \frac{P(A \cap B)}{P(B)} \quad (7)$$

$$B(n, p) = \binom{n}{x} p^x (1-p)^{n-x} = \frac{n!}{x!(n-x)!} p^x (1-p)^{n-x} \quad (8)$$

$$P(\lambda) = e^{-\lambda} \frac{\lambda^x}{x!} \quad (9)$$