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Estadística Inferencial

Hospital 1: 6, 9, 13, 15, 8, 16, 24, 32, 15, 17, 21

$$\bar{X} = 16$$

$$S = 7.54$$

$$S^2 = 57$$

$$R = 26$$

$$CV = 47.18$$

6, 9, 13, 15, 15, 16, 17, 21, 24, 32

$$M = 15$$

$$m = 15$$

Hospital 2: 9, 15, 24, 11, 10, 7, 25, 13, 29, 8, 11, 10, 24, 13

$$\bar{X} = 14.69$$

$$S = 7.94$$

$$S^2 = 63.06$$

$$R = 23$$

$$CV = 54.05$$

6, 7, 8, 9, 10, 10, 11, 13, 15, 24, 24, 25, 29

$$\bar{X} = \frac{\sum X_i}{n}$$

Media

M = Valor Central de datos Mediana (M) = 11

m = El que más se repite Moda

$$S^2 = \frac{\sum (X_i - \bar{X})^2}{n}$$

Varianza

$$S = \sqrt{S^2}$$

Desviación Estándar.

$$R = V_{\max} - V_{\min}$$

Rango

$$CV = \frac{S}{\bar{X}} \times 100$$

Coefficiente de Variación