· Formulas TC:

· Momentes no centrados:

ar = 
$$\frac{1}{h} \sum_{i=1}^{k} x_i n_i$$
 (con frequencias).

· Momentos centrados

$$m_{Y} = \frac{1}{n} \sum_{i=1}^{k} (x_{i} - \overline{x}) n_{i} = \sum_{i=1}^{k} (x_{i} - \overline{x}) g_{i}$$
 (con greenercus)

$$m_r = \frac{1}{n} \sum_{i=1}^{n} (x_i - \bar{x})^r$$
 (sin frequencies).

· Media aritmetica:

$$\bar{x} = \frac{1}{h} \sum_{n=1}^{k} x_i n_i = \sum_{i=1}^{k} x_i g_i$$
 (con frecuencia).

· Media geométrica:

· Media amonica:

· Varianza: 
$$S^2 = \frac{1}{h} \sum_{i=1}^{k} (x_i - \overline{x})^2 n_i$$
 (con frequencies).  
 $S_y^2 = e^2 S_x^2$   $S^2 = \frac{1}{h} \sum_{i=1}^{h} (x_i - \overline{x})^2$  (sin frequencies).

$$g_{1} = \frac{m_{3}}{s^{3}}$$
  $\sum_{i=1}^{n} (x_{i} - \bar{x})^{3} = 0$ 

Ni = frecuencia absoluta acumulada.

## · Formulas TC 2:

- Medias:

- Varianza:

- Covariara

- Recta de Regresión:

$$\frac{y-\bar{y}}{S^2x} = \frac{Sxy}{S^2x} (x-\bar{x})/$$

$$-D b = \frac{Sxy}{S^2x} = \frac{(x-\bar{x})/(Sxy}{S^2x} \cdot \bar{x})/(S^2x)$$

- Varianza Residual:

$$S^{2}_{ry} = \frac{1}{n} \leq (y_{i} - g(x_{i}))^{2} \rightarrow x^{2} = 1 - \frac{S^{2}_{ry}}{S^{2}_{y}}$$

$$Y^{2}_{xy} = \frac{S^{2}_{xy}}{S^{2}_{x}} = \frac{S^{2}_{xy}}{S^{2}_{y}}$$

$$\left[S^{2}_{ry} = (1 - r^{2})S^{2}_{y}\right] = \frac{1}{n}$$

- Correlación lineal:

$$S \times y = \left(\frac{1}{n} \leq x i y i n i - (x \cdot g)\right)$$

- Formulas de TC5:

- · Union (conmutativa, axcicativa y rotampotente).
  Intersección.
- · Succeso complementario (contrario). LA 3
- Laplace:  $P(A) = \sum P(w_i) = \sum \frac{1}{n} = \frac{k}{n} = \frac{cases}{cases}$  possibles.

· Probabilided condicionada:

Si no : es independiente.

$$P(B/A) = \frac{P(B\cap A)}{P(A)} = P(B)$$

· Formula de Bayes: