

İşinize yaraması muhtemel Formüller

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

$$V = \frac{\sum_{i=1}^n x^2 - ((\sum_{i=1}^n x)^2)/n}{n - 1}$$

$$SD = \sqrt{Var} = \sqrt{\frac{\sum_{i=1}^n x^2 - ((\sum_{i=1}^n x)^2)/n}{n - 1}} = \sqrt{\frac{\sum_{i=1}^n (x - \bar{x})^2}{n - 1}}$$

$$SE = \frac{SD}{\sqrt{n}} = \left(\sqrt{\frac{\sum_{i=1}^n x^2 - ((\sum_{i=1}^n x)^2)/n}{n - 1}} \right) / \sqrt{n} = \left(\sqrt{\frac{\sum_{i=1}^n (x - \bar{x})^2}{n - 1}} \right) / \sqrt{n}$$

$$\sigma_d^2 = \frac{\sigma_1^2}{n_1} + \frac{\sigma_2^2}{n_2}$$

$$t = \frac{\bar{x}_1 - \bar{x}_2}{s_d}$$

$$\chi^2 = \sum((G - B)^2/B)$$