Formulario volutamente incompleto

$$p(x) = \frac{n!}{(n-x)!x!} p^x (1-p)^{n-x}$$

$$p(x) = p(1-p)^{x-1}$$

$$p(x) = \frac{\mu^x \cdot e^{-\mu}}{x!}$$

$$f(x) = \frac{1}{b-a} 1_{(a,b)}(x)$$

$$f(x) = \lambda e^{-\lambda x} 1_{(0,+\infty)}(x)$$

$$f(x) = \frac{1}{\sqrt{2\pi\sigma^2}} \exp\left(-\frac{(x-m)^2}{2\sigma^2}\right)$$

$$q_\beta \frac{\sigma}{\sqrt{n}}$$

$$\tau_{\beta,n-1} \frac{S}{\sqrt{n}}$$

$$q_\beta \sqrt{\frac{\bar{X}(1-\bar{X})}{n}}$$

$$\frac{(n-1)S^2}{\chi^2_{\beta,n-1}}$$

$$TS = \frac{\sqrt{n}}{\sigma}(\bar{X} - \mu)$$

$$TS = \frac{\sqrt{n}}{S}(\bar{X} - \mu)$$

$$TS = \sqrt{\frac{n}{p(1-p)}}(\bar{X} - p)$$

$$TS = \frac{(n-1)S^2}{\sigma^2}$$

$$TS = \frac{(\bar{X} - \bar{Y})}{\sqrt{\frac{\sigma_X^2}{n_X} + \frac{\sigma_Y^2}{n_Y}}}$$

$$TS = \frac{(\bar{X} - \bar{Y})}{\sqrt{\frac{S_p^2}{n_X} + \frac{S_p^2}{n_Y}}}$$

con $gl = n_1 + n_2 - 2$ e

$$S_p^2 = \frac{(n_X - 1)S_X^2 + (n_Y - 1)S_Y^2}{(n_X - 1) + (n_Y - 1)}$$

$$TS = \sum_{h=1}^{r} \sum_{k=1}^{m} \frac{(O_{hk} - O_h^X O_k^Y / n)^2}{O_h^X O_k^Y / n}$$

con $gl = (r-1)(c-1)$

$$TS = \sum_{k=1}^{m} \frac{(O_k - np_k)^2}{np_k}$$

con $gl = m - 1$

$$r = \frac{cov(x,y)}{\sqrt{var(x)var(y)}}$$

$$b^* = \frac{cov(x,y)}{var(x)}, \qquad a^* = \bar{y} - b^* \bar{x}.$$