ΤΥΠΟΛΟΓΙΟ ΙΑΤΡΙΚΗΣ ΣΤΑΤΙΣΤΙΚΗΣ

ΕΡΓ. ΥΓΙΕΙΝΗΣ, ΕΠΙΔΗΜΙΟΛΟΓΙΑΣ ΚΑΙ ΙΑΤΡΙΚΗΣ ΣΤΑΤΙΣΤΙΚΗΣ

ΙΑΤΡΙΚΗ ΣΧΟΛΗ ΕΚΠΑ

$$t = \frac{|\bar{x} - A|}{SD/\sqrt{n}} \qquad t = \frac{|\overline{x_1} - \overline{x_2}|}{\sqrt{SE_1^2 + SE_2^2}}$$

$$\mathrm{X}^2 = \sum_{\iota=1}^{m} \frac{(\mathrm{O}_\iota - \mathrm{E}_\iota)^2}{\mathrm{E}_\iota} \qquad X^2 = \frac{(|a \cdot d - b \cdot c| - n/2)^2 \cdot n}{(a+c)(b+d)(a+b)(c+d)}$$

$$\mathrm{X}^2 = \frac{(|\varepsilon - \zeta| - 1)^2}{\varepsilon + \zeta}$$

$$\text{SE(ln(RR))} = \sqrt{\frac{1}{a} - \frac{1}{a+b} + \frac{1}{c} - \frac{1}{c+d}} \qquad \text{SE(ln(OR))} = \sqrt{\frac{1}{a} + \frac{1}{b} + \frac{1}{c} + \frac{1}{d}}$$

$$r = \frac{\sum_{i=1}^{n}(X_i - \bar{X})(Y_i - \bar{Y})}{\sqrt{\sum_{i=1}^{n}(X_i - \bar{X})^2 \sum_{i=1}^{n}(Y_i - \bar{Y})^2}} \qquad \mathrm{z} = \frac{1}{2} ln(\frac{1+\mathrm{r}}{1-\mathrm{r}}) \qquad \mathrm{SE(z)} = \frac{1}{\sqrt{\mathrm{n}-3}}$$

$$\mathrm{b} = \frac{\sum_{\mathrm{i}=1}^{\mathrm{n}}\{(\mathrm{Y_i} - \overline{\mathrm{Y}})(\mathrm{X_i} - \overline{\mathrm{X}})\}}{\sum_{\mathrm{i}=1}^{\mathrm{n}}(\mathrm{X_i} - \overline{\mathrm{X}})^2} = \mathrm{r}\frac{\mathrm{SD_Y}}{\mathrm{SD_X}} \qquad r_s = 1 - \frac{6\sum_{i=1}^{n} d^2}{n(n^2-1)}$$

$$k = \frac{I_o - I_e}{1 - I_e} \qquad CV = \frac{\mathrm{SD}}{\mathrm{Mean}} \mathrm{x100} \qquad P(A|B) = \frac{P(B|A) * P(A)}{P(B)}$$

$$\Pi\Sigma = \sqrt{\frac{\sum d^2}{2n}} \qquad \mathrm{A}\Pi\Sigma = \frac{100 * \Pi\Sigma}{\bar{X}} \qquad \frac{|T_1 - \frac{n1}{2}(n1+n2+1)|}{\sqrt{\frac{n1n2(n1+n2+1)}{12}}}$$