

على الطالبة معرفة القوانين الغير مدرجة في الجدول التالي

$\frac{(n-1)s^2}{\chi_{\alpha/2}^2} < \sigma^2 < \frac{(n-1)s^2}{\chi_{1-\alpha/2}^2}$	$\frac{s_1^2}{s_2^2} \frac{1}{f_{\alpha/2, (n_1-1, n_2-1)}} < \frac{\sigma_1^2}{\sigma_2^2}$ $< \frac{s_1^2}{s_2^2} f_{\alpha/2, (n_2-1, n_1-1)}$
$z = \frac{\bar{x} - \mu_0}{\sigma/\sqrt{n}}$	$f_{\alpha, (v_1, v_2)} = \frac{1}{f_{1-\alpha, (v_2, v_1)}}$
$z = \frac{\bar{x}_1 - \bar{x}_2}{\sqrt{\frac{\sigma_1^2}{n_1} + \frac{\sigma_2^2}{n_2}}}$	$t = \frac{\bar{x} - \mu_0}{s/\sqrt{n}}$
$T = \frac{\bar{D} - \mu_D}{S_d/\sqrt{n}}$	$t = \frac{\bar{x}_1 - \bar{x}_2}{s_p \sqrt{\frac{1}{n_1} + \frac{1}{n_2}}}$ $s_p^2 = \frac{s_1^2(n_1 - 1) + s_2^2(n_2 - 1)}{n_1 + n_2 - 2}$
$z = \frac{\hat{p}_1 - \hat{p}_2}{\sqrt{\hat{p}\hat{q}\left(\frac{1}{n_1} + \frac{1}{n_2}\right)}}$ $\hat{p} = \frac{x_1 + x_2}{n_1 + n_2}$	$\chi^2 = \frac{(n-1)s^2}{\sigma_0^2}$
$f = \frac{s_1^2}{s_2^2}$	$z = \frac{\hat{p} - p_0}{\sqrt{p_0(1-p_0)/n}}$
$\chi^2 = \sum_{i=1}^c \sum_{j=1}^r \frac{(o_{ij} - e_{ij})^2}{e_{ij}}$ $e_{ij} = \frac{o_{.j}o_{i.}}{n}$	$\chi^2 = \sum_{i=1}^k \frac{(o_i - e_i)^2}{e_i}$ $e_i = np_{i0}$