

$$t = \frac{\bar{X}_1 - \bar{X}_2}{\sqrt{\left(\frac{(N_1 - 1)s_1^2 + (N_2 - 1)s_2^2}{N_1 + N_2 - 2}\right)\left(\frac{1}{N_1} + \frac{1}{N_2}\right)}}$$

Social Science Statistics

$$t = \frac{\bar{X}_1 - \bar{X}_2}{\sqrt{\left(\frac{(N_1 - 1)s_1^2 + (N_2 - 1)s_2^2}{N_1 + N_2 - 2}\right)\left(\frac{1}{N_1} + \frac{1}{N_2}\right)}}$$

Home

Calculators

Descriptive Statistics

Merchandise

Tutorials

Quizzes

Which Statistics Test?

Contact

Chi-Square Calculator

Okay, we've set up a 2 x 5 contingency table, and we're almost ready to do the chi-square calculation. However, before you hit the "Calculate Chi^2" button, you need to select a significance level. It defaults to .05, but you can choose .01 or .10 if you prefer. You should also take a moment to check your data, and hit Reset if you need to start again.

Column and Row Totals						
	um	dois	tres	quatro	cincoumais	Row Totals
veadeirosint	955	781	453	166	46	2401
veadeiorsext	934	571	255	84	14	1858
Column Totals	1889	1352	708	250	60	4259 (Grand Total)

Significance Level:

- ☐ .01
- ☒ .05
- ☐ .10

Calculate Chi^2

Reset



Alternative Chi-Square Calculators

- [Simple 2 x 2 table calculator](#)
- [Fisher exact test](#)
- [Goodness of fit calculator](#)

