Chi-Square Calculator

Success! The contingency table below provides the following information: the observed cell totals, (the expected cell totals) and [the chi-square statistic for each cell].

The chi-square statistic, *p*-value and statement of significance appear beneath the table. Blue means you're dealing with dependent variables; red, independent.

Results						
	um	dois	tres	quatromais		***Row Totals***
brasilia	185 (153.19) [6.60]	119 (121.53) [0.05]	45 (65.76) [6.56]	22 (30.51) [2.37]		371
veadeiros	955 (991.43) [1.34]	781 (786.51) [0.04]	453 (425.61) [1.76]	212 (197.46) [1.07]		2401
lajeado	55 (50.38) [0.42]	48 (39.96) [1.62]	15 (21.63) [2.03]	4 (10.03) [3.63]		122
Column Totals	1195	948	513	238		**2894 (Grand Total)**

The chi-square statistic is 27.4956. The *p*-value is .000117. The result is significant at $p < .05$.

Want to know how to report the result of your chi-square test (APA style)? (Opens in a new tab so you don't lose your result.)

How to Report a Chi-Square Result

Start Again

Alternative Chi-Square Calculators

Simple 2 x 2 table calculator

Fisher exact test

Goodness of fit calculator