

χ^2 Goodness of fit Calculator

Type in the values from the observed and expected sets separated by commas, for example, 2,4,5,8,11,2. Then hit Calculate and the test statistic, χ^2 , and the p-value, p, will be shown.

Observed:

140, 60, 180, 20

1: Type in your **Observed Frequencies** separating the values with commas.

Expected:

100, 100, 100, 100

2: Type in your **Null Expected Frequencies** separating the values with commas.

Calculate

3: Click "**Calculate.**"

χ^2 :

160

4: Here is your **chi-square statistic.**

p

0

5: Here is your **p-value.** Note that a p-value of 0 (zero) means the p-value is $p < .001$.