Vassar Stats

Chi-Square "Goodness of Fit" Test

1: Type in the **names** of your categories.

2: Type in your **Observed Frequencies**.

3: Type in your **Null Expected Frequencies**.

You do **NOT** need to type in any of these values; the calculator will generate all of these values.

Cate-gory	Observed Frequency	Expected Frequency	Expected Proportion	Percentage Deviation	Standardized Residuals
Alber	100	100	0.25	0%	0
Camil	90	100	0.25	-10%	-1
Jimm	115	100	0.25	+15%	+1.5
Susar	95	100	0.25	-5%	-0.5
E				----	----
F				----	----
G				----	----
H				----	----

Sums:

Observed Frequencies: 400

Expected Frequencies: 400

Expected Proportions: 1.0

4: Click "**Calculate**" and the calculator will generate the **chi-square statistic**, the **degrees of freedom (df)**, and the **p-value**.

Reset Calculate

[Note that for df=1, the calculated value of chi-square is corrected for continuity.]

[For df=1, this is the uncorrected value of chi-square.]

chi-square = 3.5

df = 3

P = 0.3208

[P is non-directional]