Chi-Squared Test for Gender vs Academic Year (Lab 5&6)

Wednesday, February 17, 2021

4:05 PM

	Freshman	Sophmore	Junior	Schlor	Total.
fem~le	3	(0	2	5	20
Male	0	26	10	9	45
frefer not to say	0	2	O	0	2
70tal	3	38	12	(4	67

null hypothesis: No correlation between gorder and year of education.

significance (cref: 0.05

\$> 9.39

With 6 degrees of freedom and our fest statistic of 9.39, our p-value is 0.12 p < 0.2. This means our p-value is greater than our significance level of 5%, meaning we fail to reject the null hypothesis and there's no correlation between gender and year of education.