

Code for this work is under “census region stats.r”

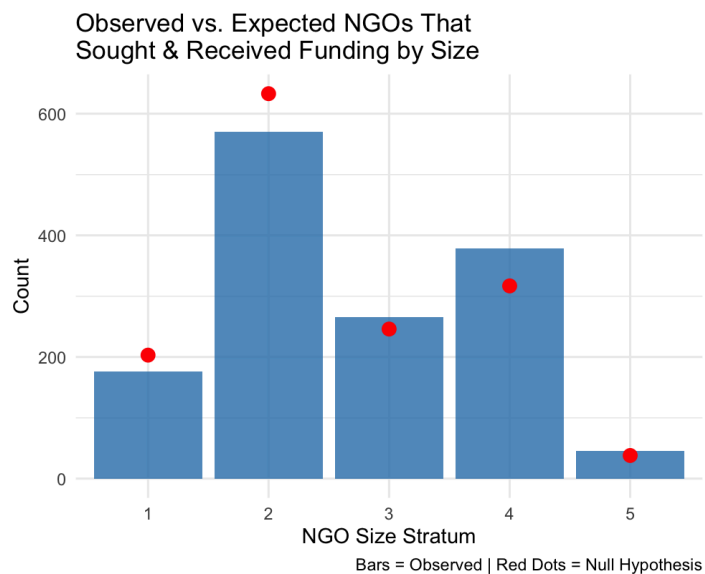
### Sought and Received by Strata

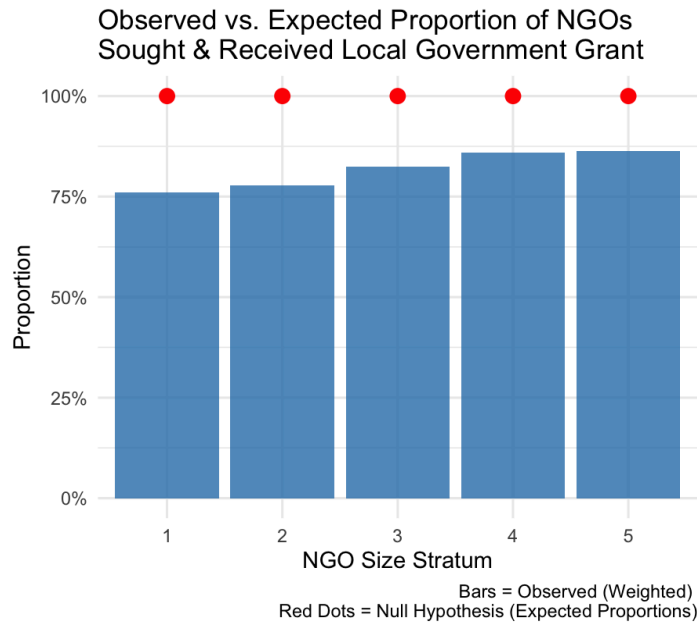
Pearson's Chi-squared test:

X-squared = 45.02, df = 4, p-value = **3.938e-09**

- Meaning that strata and sought & received funding **do** correlate

This graph shows the counts by strata sector, the red dots representing where the values would be if supporting the null hypothesis, that the variables are independent of each other and, therefore, *do not* correlate. It seems that in the 5th strata sector the variables **are** independent of each other, and weakly correlated in the 3rd sector -- supporting the null. In sector 1, 2, & 4, strata size **does** show correlation to seeking and receiving funding.





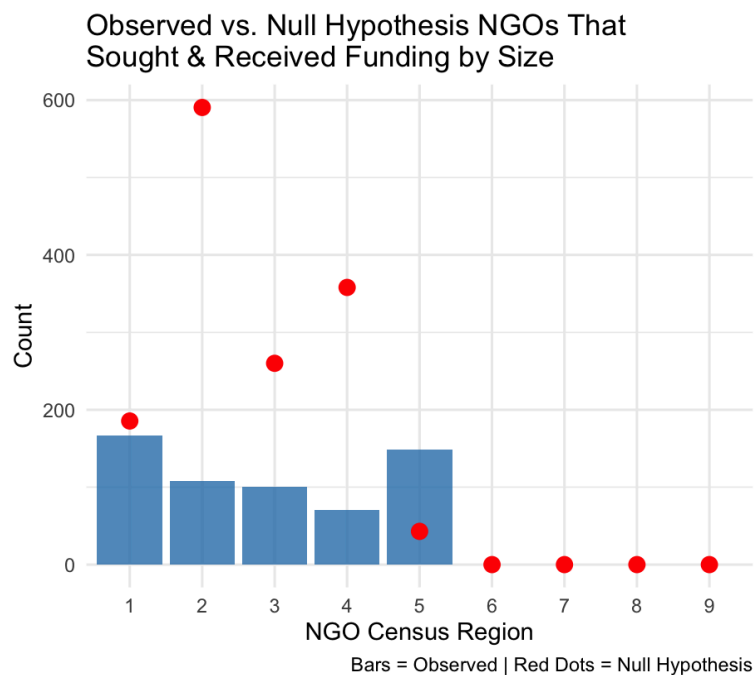
(maybe i should take out the red dots?)\

### Sought and Received by Region

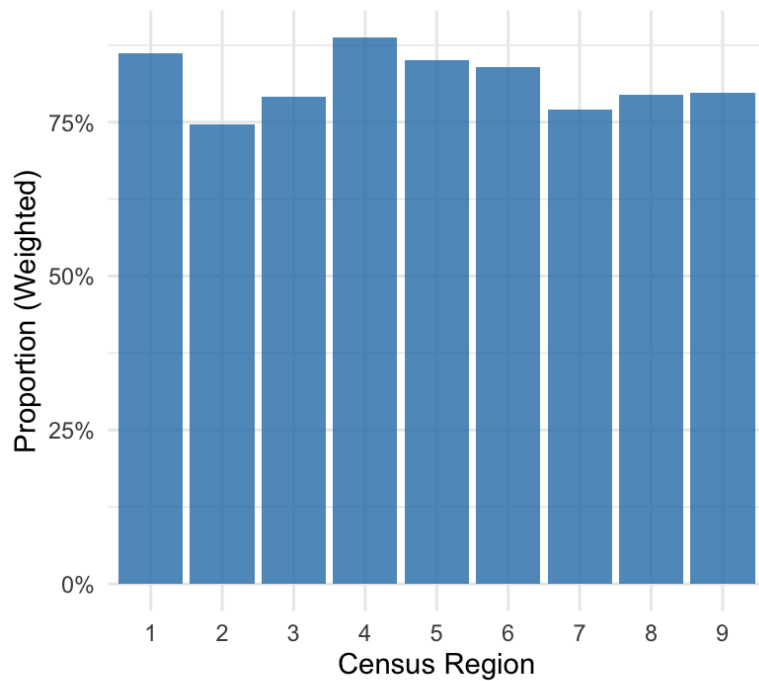
X-squared = 27.625, df = 8, p-value = **0.0005511**

**Significant!**

Funding of regions 6, 7, 8, 9 do not correlate. Funding of regions 1-5 **do** correlate.

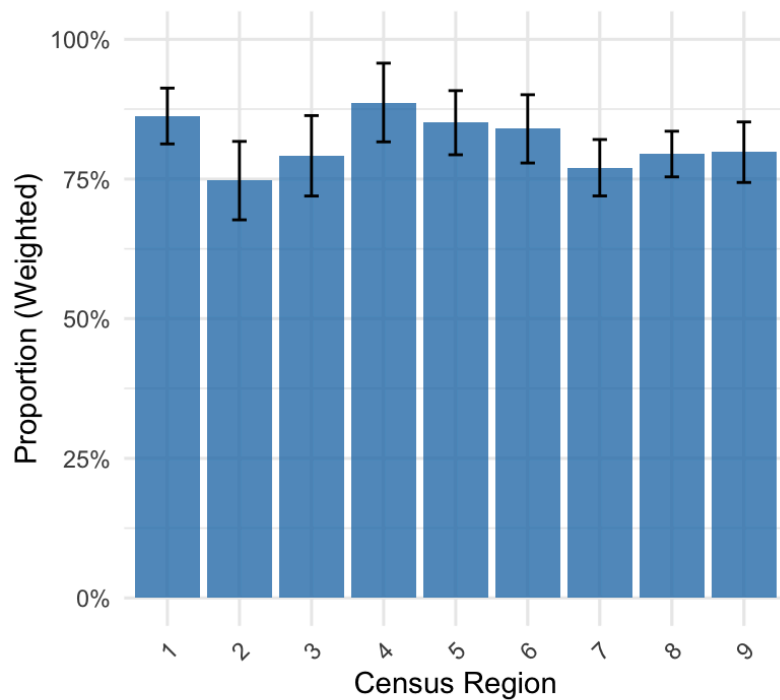


Weighted Proportion of NGOs Who Sought and Received Local Gov Grant



Proportions calculated using year4wt

Survey-Weighted Proportion of NGOs Who Sought and Received Local Gov Grant



Error bars represent 95% confidence intervals