

Project 3: Assessing Categorical Difference (50 pts; due Friday, April 10 at the beginning of lab)

Now that you are deeply embedded in research on the proposed townhouse complex at Umbridge & Associates, Inc. Your boss (Dolores) would like you to learn about vacancy rates in your sample to provide information relevant to the proposed development in Anytown. She wants to know whether or not certain kinds of houses tend to be vacant more often than expected.

- 1) In terms of house price, are there more or fewer vacant houses than would be expected for homes of < \$85K in price compared to those \geq 85K?
- 2) In terms of house size, are there more or fewer vacant houses than would be expected for homes < 1000 sq ft compared to those \geq 1000 sq ft?
- 3) In terms of home age, are there more or fewer vacant houses than would be expected for homes that were built prior to 1985 compared to after 1985?

Given these comparisons write a short report synthesizing your results. Make sure you follow the instructions from class on how to present results. Use appropriate tables to communicate effectively.