

For this project, I considered data from the 2010 Census for census tracts in my home county of Bartholomew County, Indiana. My data includes 15 observations. The continuous variables I considered are percent of households in rented homes (pct_rented), total households made up of only one person (tot_one_person_hh), the percent of housing units that are vacant (pct_vacant), and the total population of the tract (tot_pop). The categorical variables I consider are whether the tract is urban or rural (urban) and the majority gender of the tract (majority_gender).

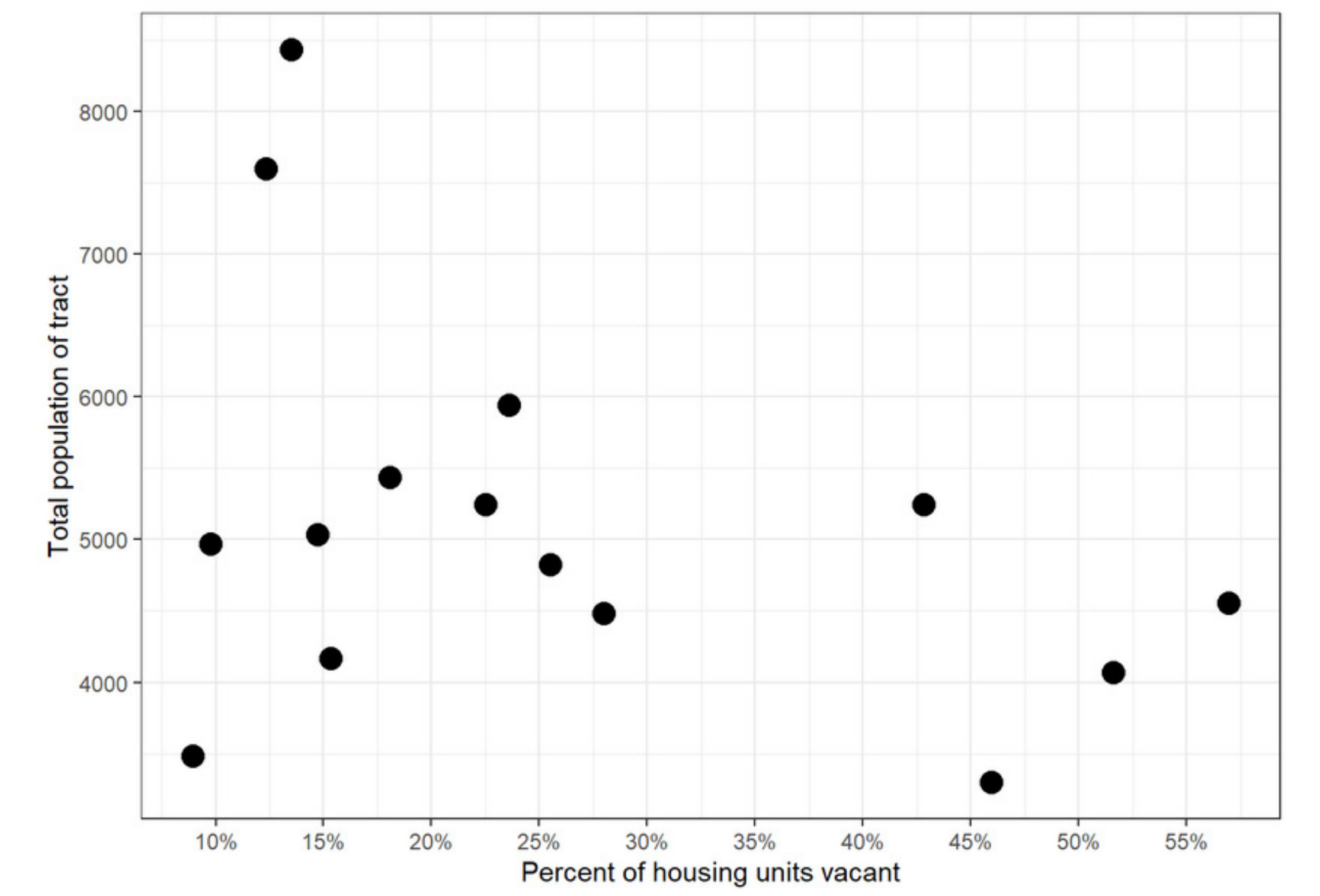


Figure 1 displays two continuous variables in a simple, legible manner.

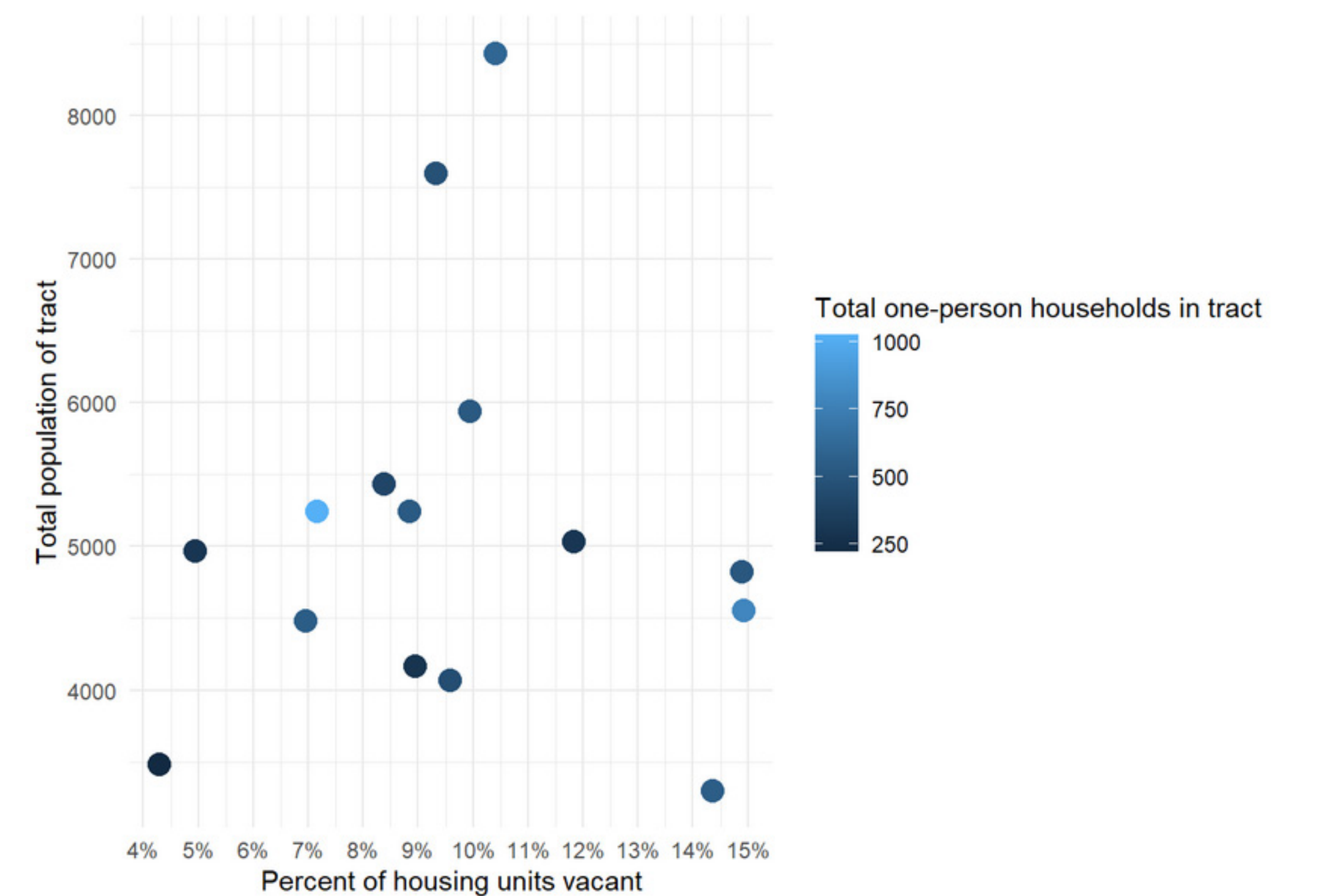


Figure 2 builds on Figure 1 by introducing a third continuous variable, remaining legible through the use of a color scale.