



Pharmacy Deserts

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Presentation Outline

TOPICS TO BE COVERED

Problem Overview

Data Used

The Method

Statistical Findings

Shortfalls

Recommendations



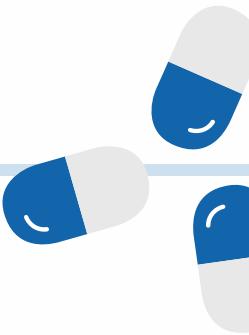
A BOLD STATEMENT

“

The decline in U.S. life expectancy is
unlike anything we've seen in a century

- SARA CHODOSH

The Vision



Access to healthcare has come under fire in the past decade as people are becoming more vocal in their demands for healthcare being considered a right, not a privilege. **But what good is increased health coverage without increased physical access to these services?**

OUR HYPOTHESIS:

A higher concentration of pharmacies will correlate with a higher life expectancy.



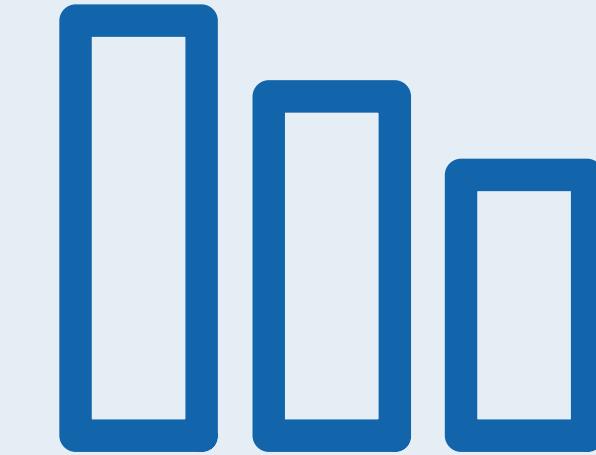
The Data



US Census



Google Places API

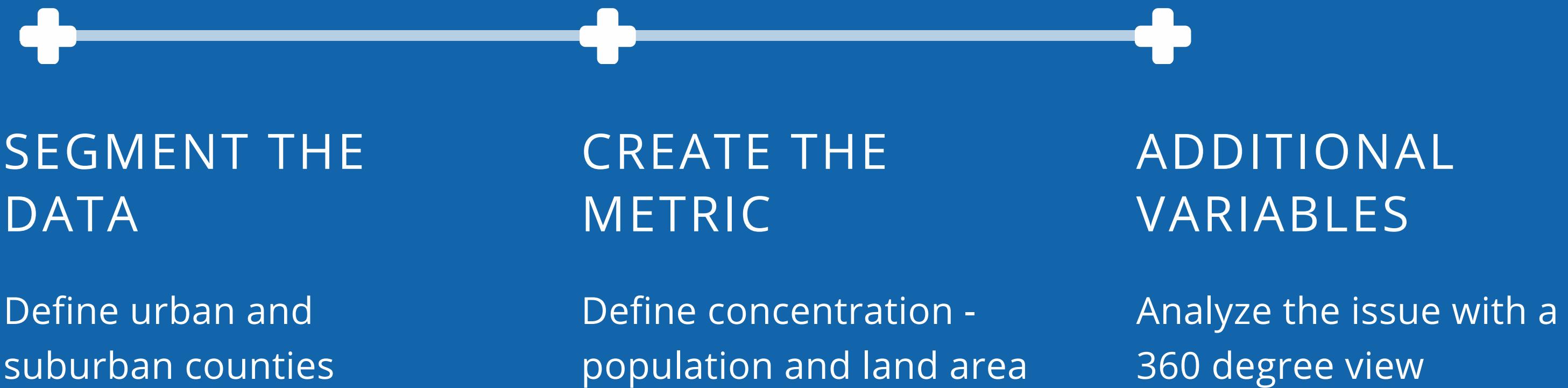


Pharmacy Data Set

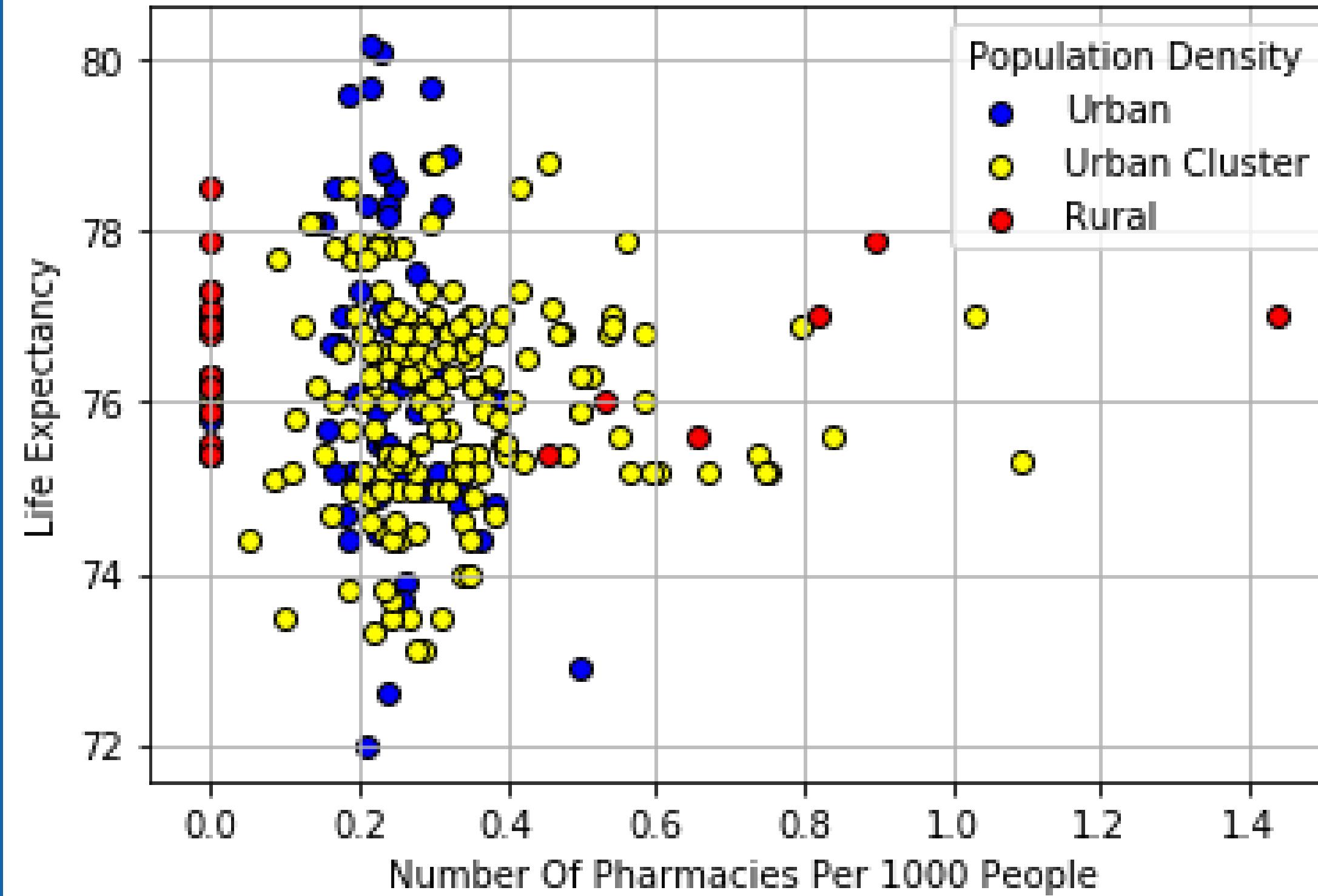


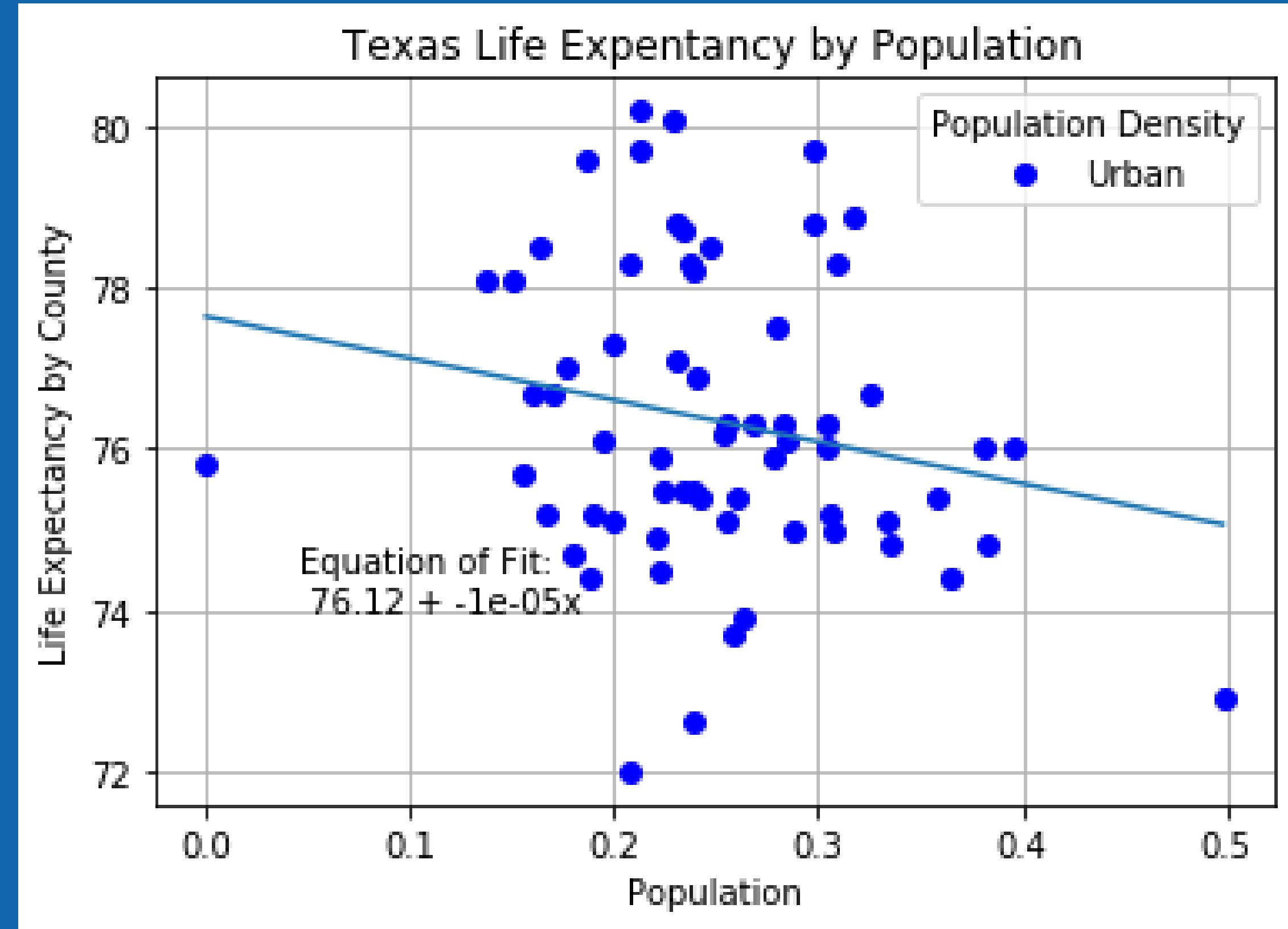
The Method

COMBINING EVERYTHING

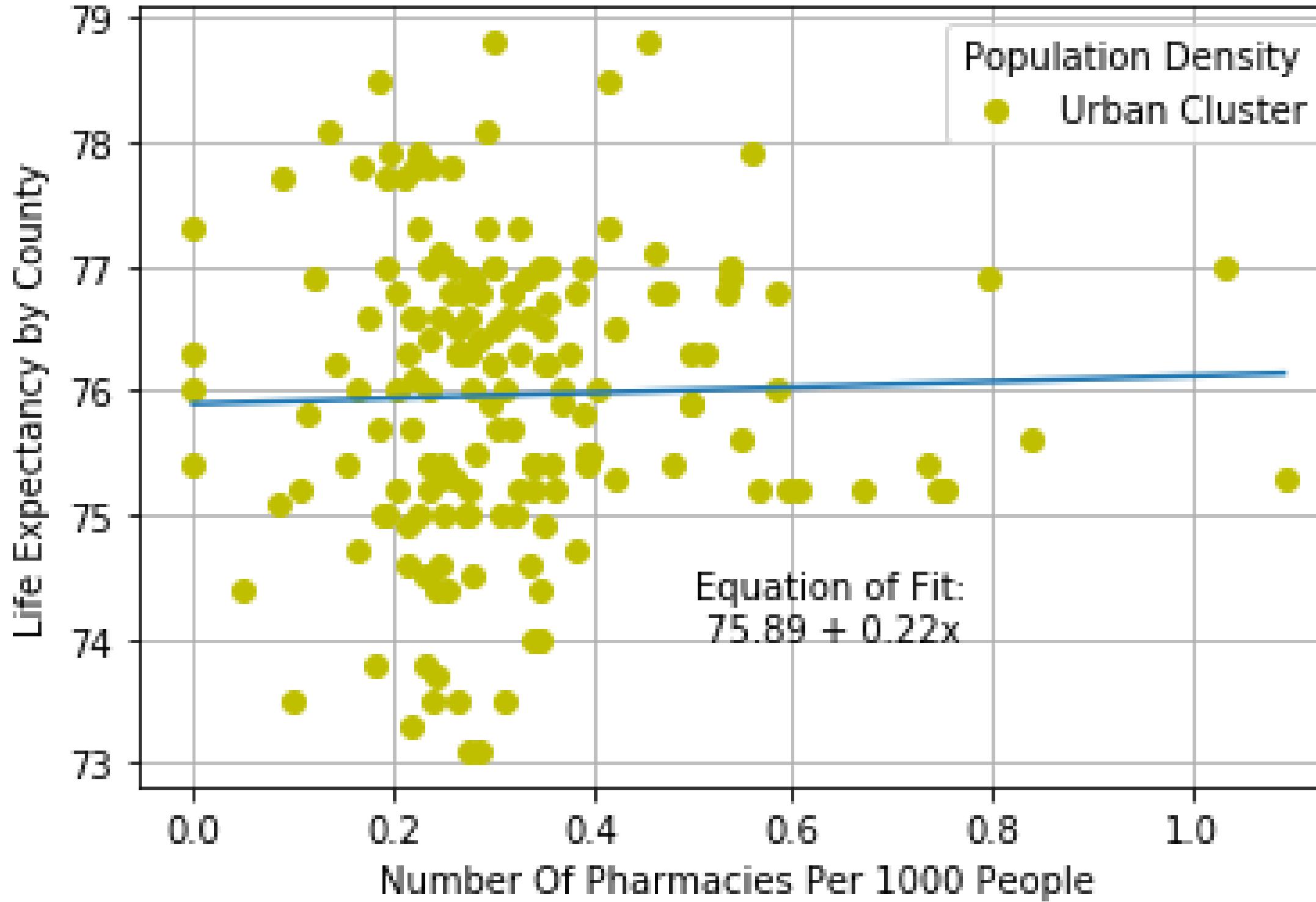


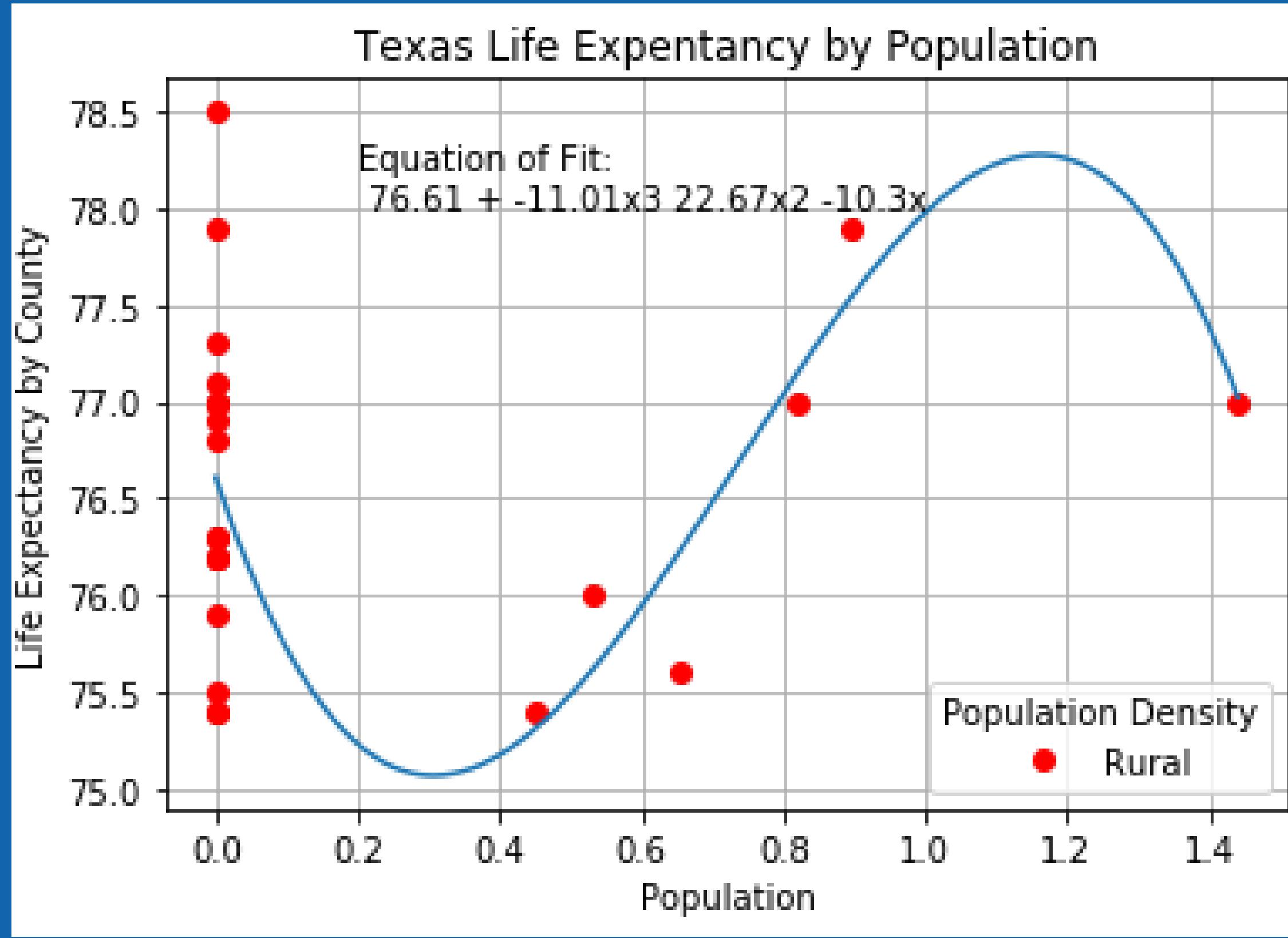
Texas Life Expectancy by County Type



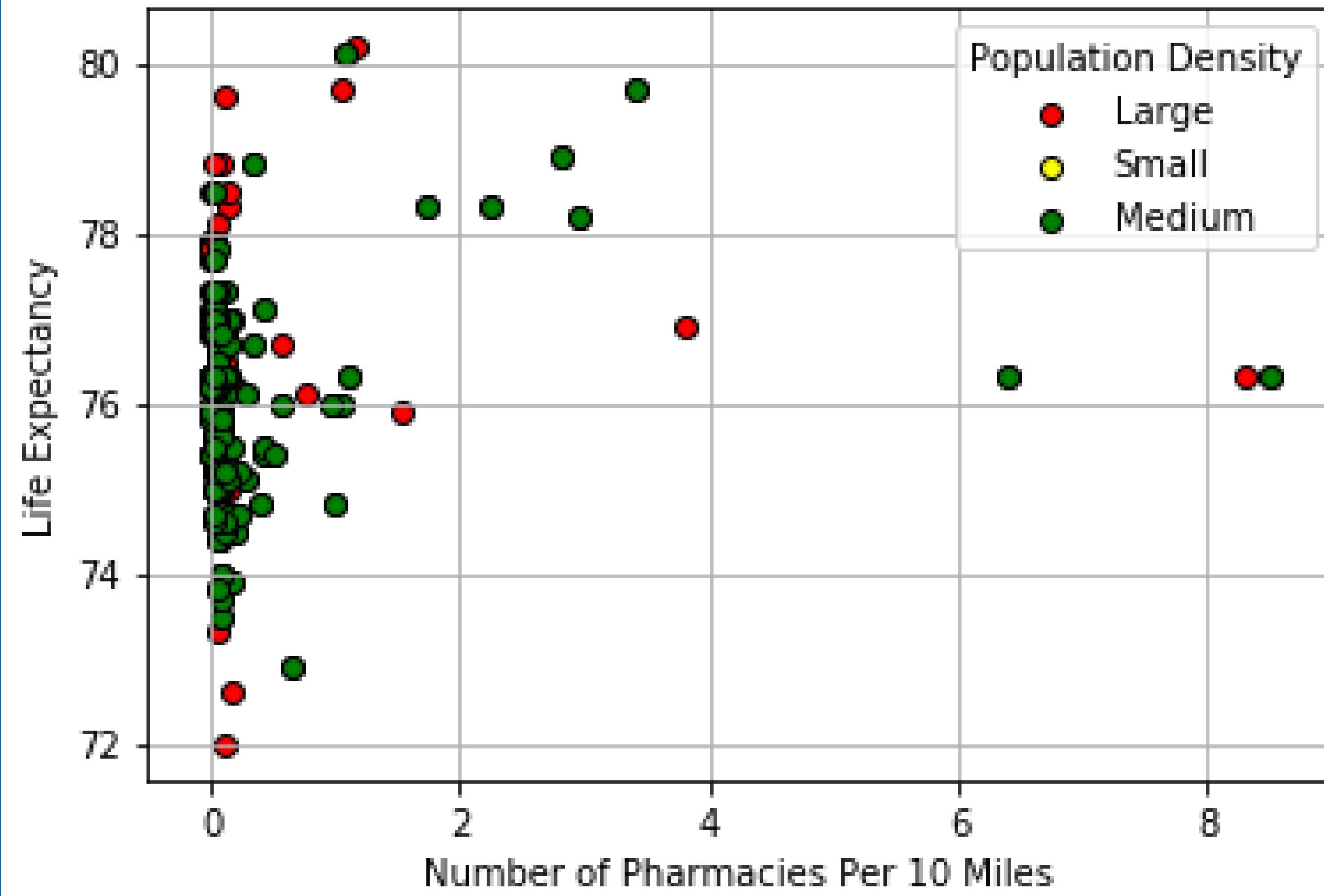


Texas Life Expectancy by County Type

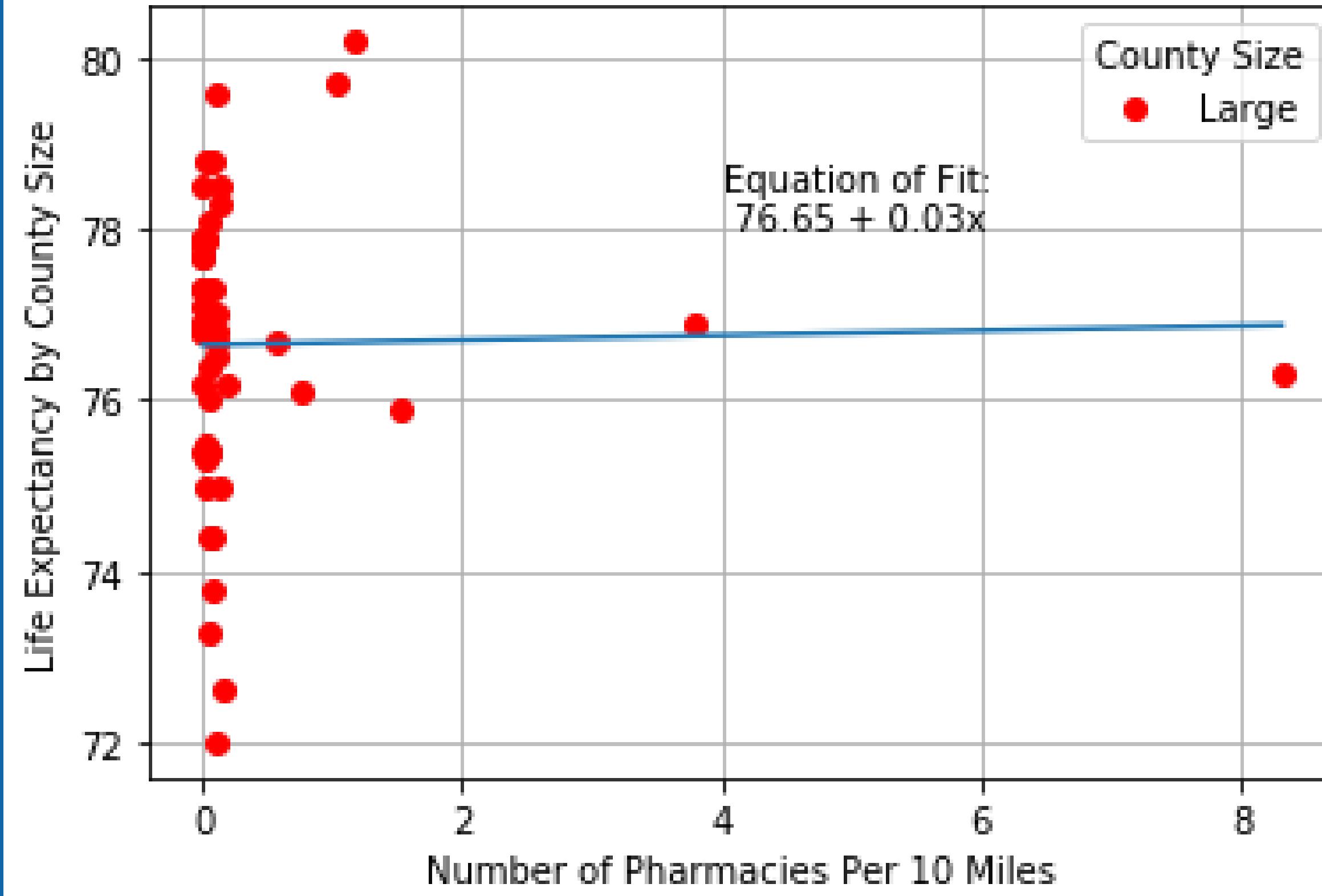


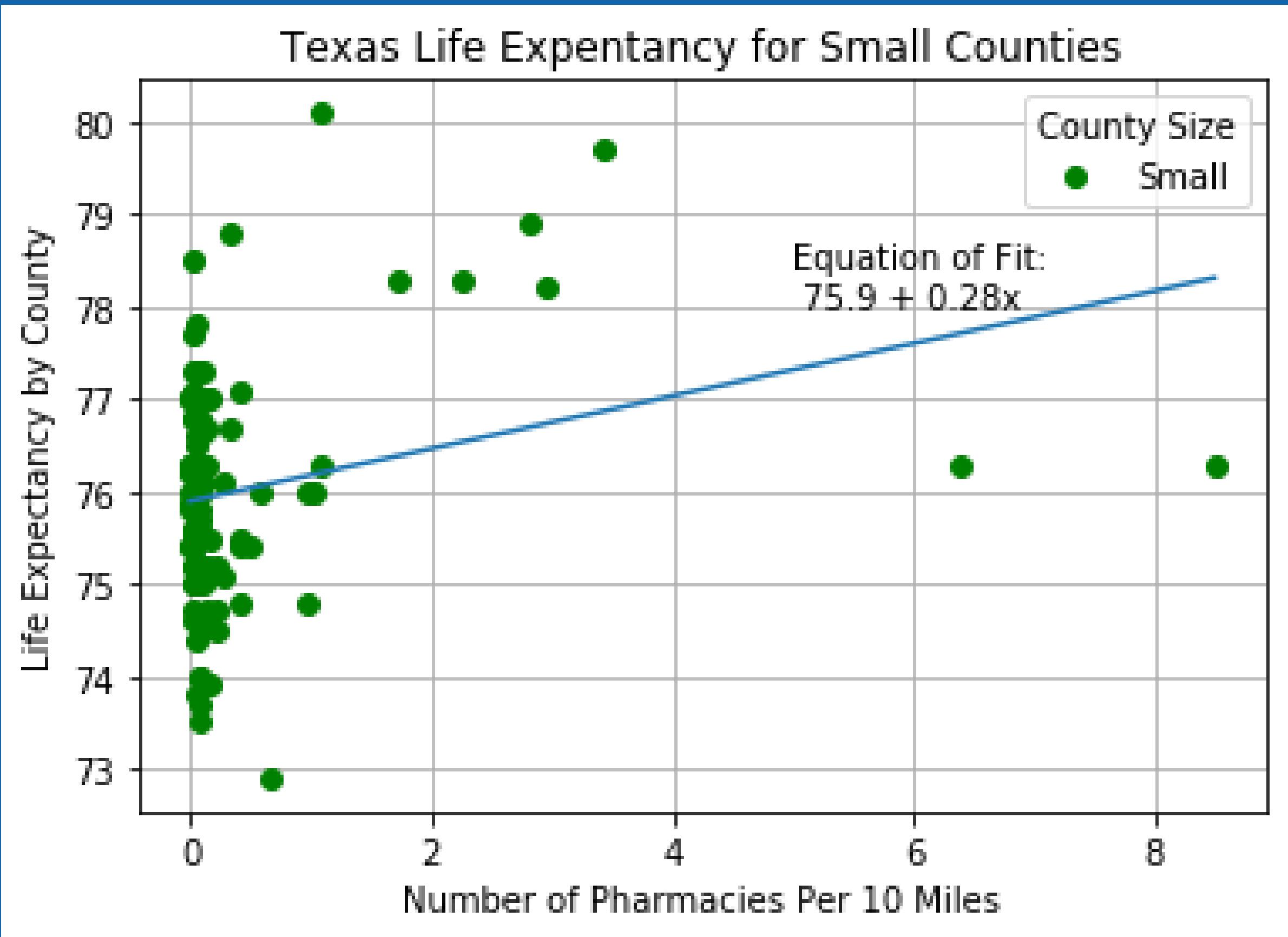


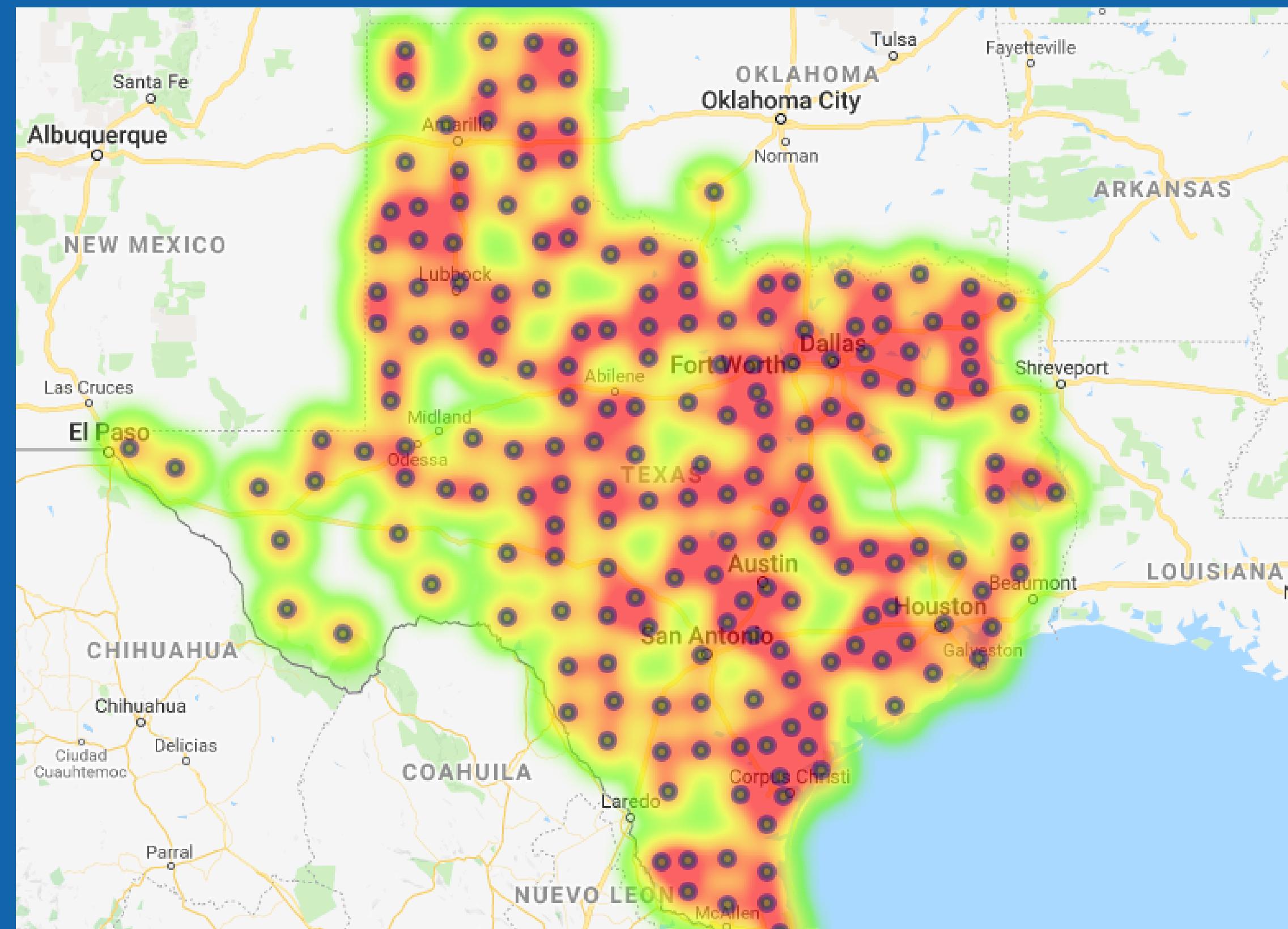
Texas Life Expectancy by Land Area

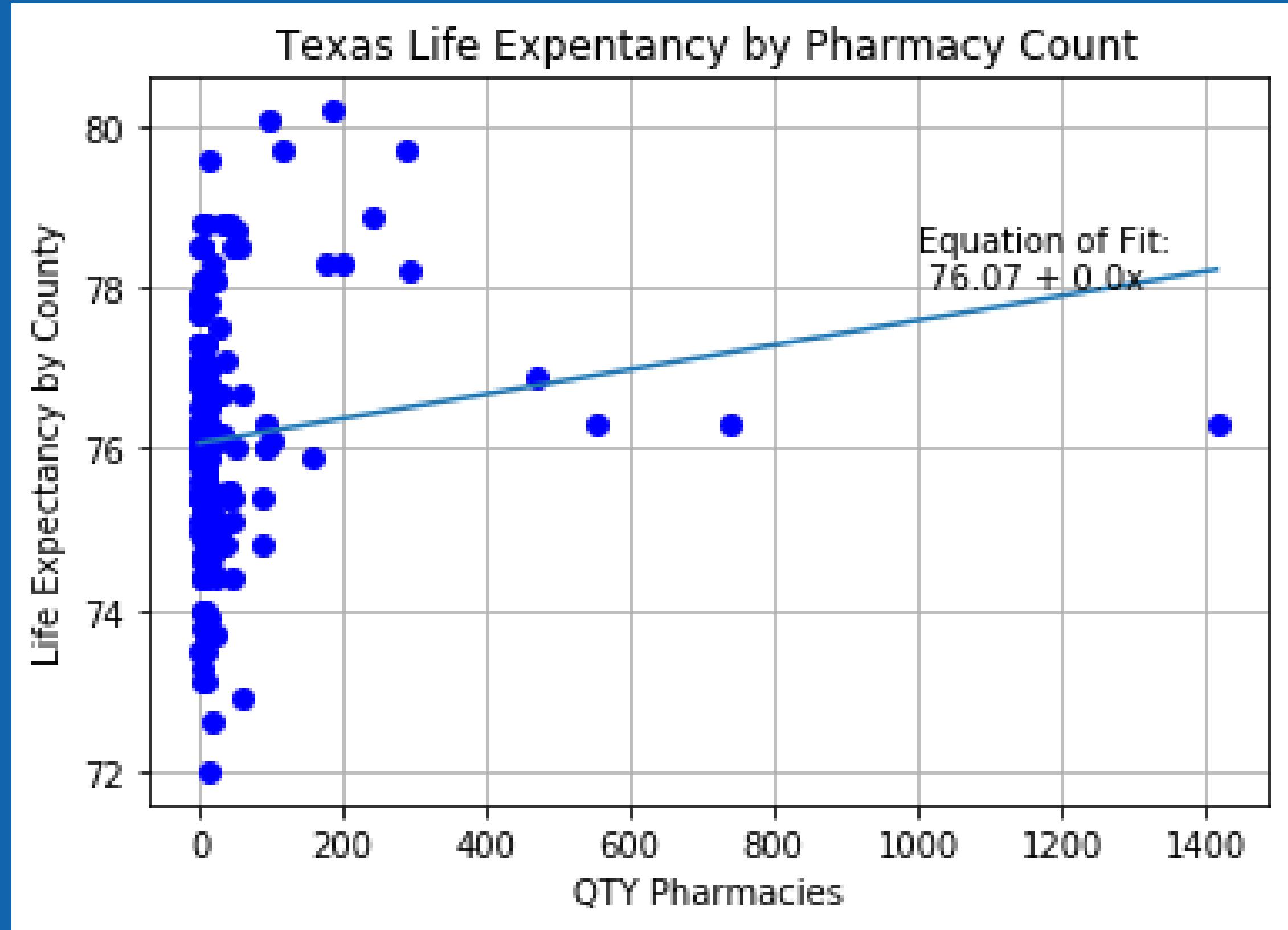


Texas Life Expectancy for Large Counties









The Deficiencies



DATA LIMITATIONS

- Inexhaustive data set
- Independent pharmacies not listed on Google
- Segmentation did not include suburban differentiators
- Did not analyze age and sex dispersion

ENVIRONMENTAL LIMITATIONS

- Growing prevalence of life-threatening diseases
- Homeopathic Pharmacies
- Socioeconomic Status
- Other "Deserts"

Talk to us!

QUESTIONS & COMMENTS

