

Homework 2

Research in Health Economics, Spring 2025

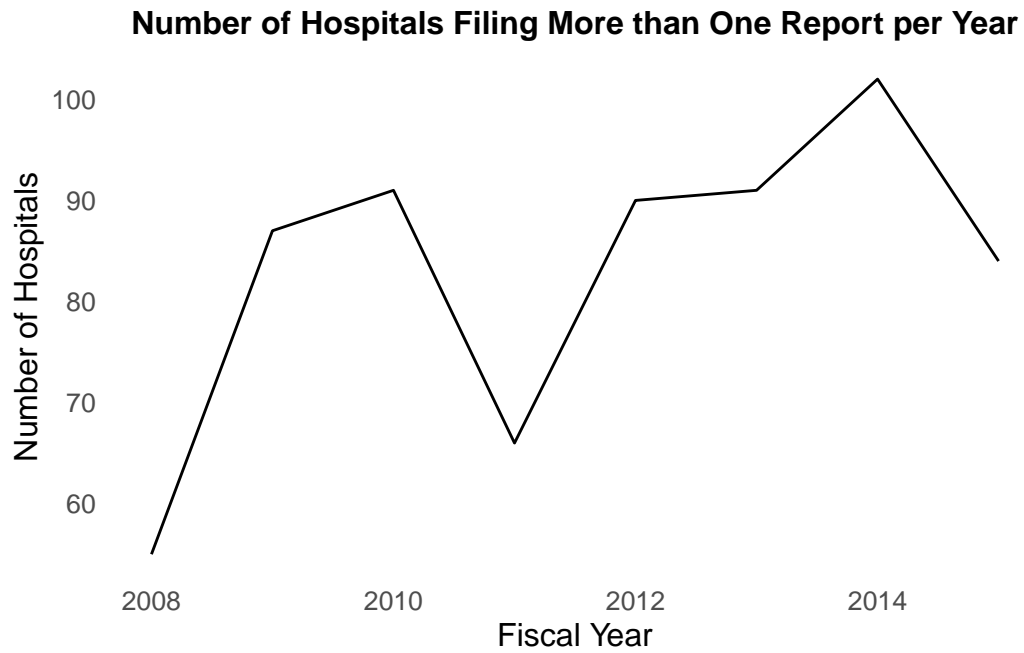
Megan Zheng

In this assignment, I will be analyzing the HCRIS data to pull information from their reports and estimate ATEs. The analysis and the raw data can be found in another script/document.

The GitHub repository for this work is available [here](#). Enjoy!

Summarize the Data

Question 1. How many hospitals filed more than one report in the same year? Show your answer as a line graph of the number of hospitals over time.

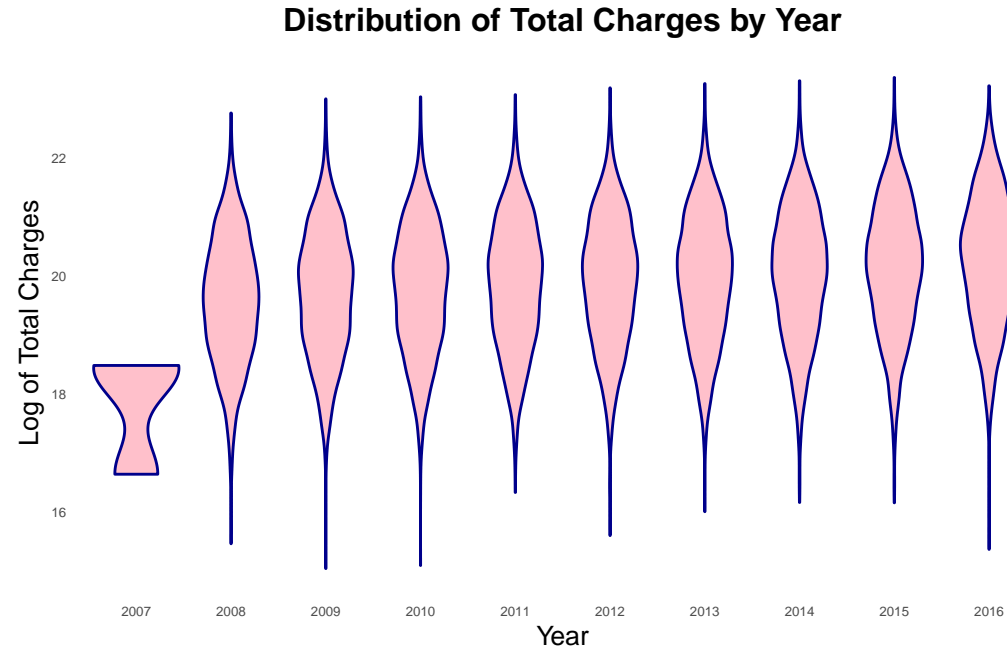


Question 2. After removing/combining multiple reports, how many unique hospital IDs exist in the data?

Table 1: Unique Hospital IDs per Year

Year	Unique Providers
2007	3
2008	1654
2009	2723
2010	2724
2011	2662
2012	2711
2013	2667
2014	2643
2015	2633
2016	1114

Question 3. What is the distribution of total charges in each year? Show your results with a “violin” plot.



Question 3. What is the distribution of total charges in each year? Show your results with a “violin” plot.

