

CS112

Final Project Proposal

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Name: Mind the Gap: Does Discontinuity in Health Insurance Status Cause Increased Usage of Emergency Department and Physician Office Visits?

Yes, I do have the data of the study.

Yes, I have the code downloaded from the Harvard Dataverse.

Analysis:

I am going to see that whether the age or the insurance status of the subjects affects the usage of Emergency Departments and Visits to Offices of Physicians. In order to do this, I will segment the insurance status of the subjects into four categories: continuously insured, newly insured, newly uninsured, and continuously uninsured. Newly insured are the ones who got insurance within the past 12 months and are currently insured. Continuously insured are the ones who had insurance before the past 12 months. Newly insured are who had insurance in the last 12 months but are currently uninsured. And continuously uninsured are who did never had insurance in the past 12 months and are currently uninsured. The aim of the study is to examine the frequency of usage of ED and Physician office visits between the four categories.

I will analyze the relationship between age and the frequency of the visits to the ED and the Physician's office using multivariate regression. And then I will also examine the relationship between age and insurance status. This will be done to make a causal inference that is it age that has an effect on the frequency of the visits to the ED and the Physicians' offices or is it the insurance status?