# Impact of Defunding Family Planning Health Centers on Gonorrhea and Chlamydia Cases in Iowa: A Spatiotemporal Analysis



THE UNIVERSITY of NORTH CAROLINA at CHAPEL HILL

## Abstract

- health care
- areas

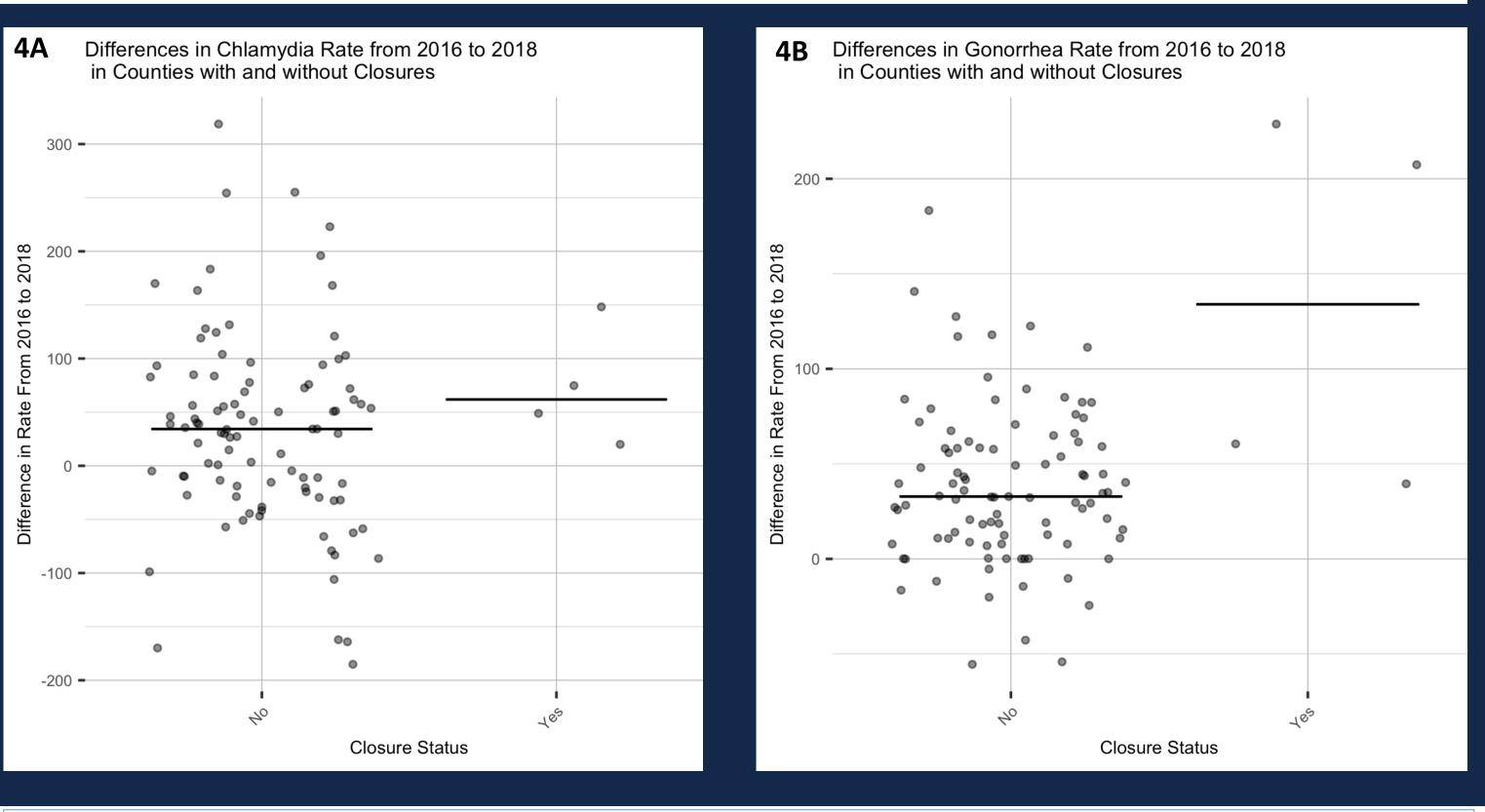


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## Methods

- closures (p = 0.0015)

### Figure 4: Change in G/C incidence rates between 2016 and 2018 by county's FPHC closure status



- to overall sexual & reproductive health care

### References

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## Results

**Counties w/ FPHC closures had a significantly larger gonorrhea increase** (217 cases per 100,000) vs counties w/o (121 cases per 100,000)

### **Gonorrhea rate increase was significantly higher in counties with FPHC**

There was an insignificant trend towards counties with FPHC closures having a higher number of chlamydia cases (p = 0.057)

## Conclusions

**Closures may be contributing to increasing G/C rates** 

### FPHC closures are likely delaying diagnoses (increasing Ro for each infection) and decreasing access to preventive services/resources

## Legislative defunding targeting abortion providers is impeding access