Simone Wien

Leslie Petter ARCS Light Award Ph.D. Student, Epidemiology Third Year ARCS Scholar



EMORY UNIVERSITY

Evaluating policies in reproductive health: methodological challenges and strategies to address them

The goal of this dissertation is to demonstrate how select challenges can impede valid inference in reproductive policy evaluation and to provide strategies to address these challenges.

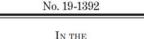
Reproductive health is a fraught and frequently targeted domain for policy in the United States with consequences for population health

Maternal Health

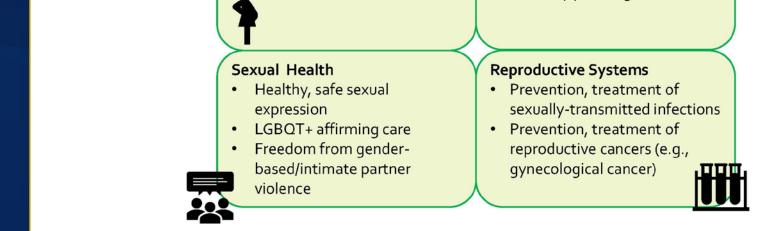
Good pregnancy outcomes
Maternal morbidity/mortality
Infertility

 Contraception & Planning
 Access to medications and procedures
 Patient-centered approaches to family planning Epidemiologic studies estimating the impact of policies shaping reproductive health are high-profile and can influence policy





Jupreme Court of the United States





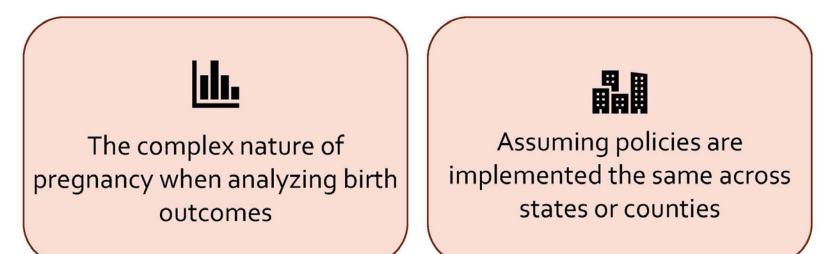
AMERICAN PUBLIC HEALTH ASSOCIATION For science. For action. For health. THOMAS E. DOBBS, STATE HEALTH OFFICER OF THE MISSISSIPPI DEPARTMENT OF HEALTH, et al., Petitioners, v.

JACKSON WOMEN'S HEALTH ORGANIZATION, et al., Respondents.

On Writ of Certiorari to the United States Court of Appeals for the Fifth Circuit

However, epidemiologic studies at the nexus of reproductive health and policy evaluation face methodological challenges

These challenges frequently stem from:



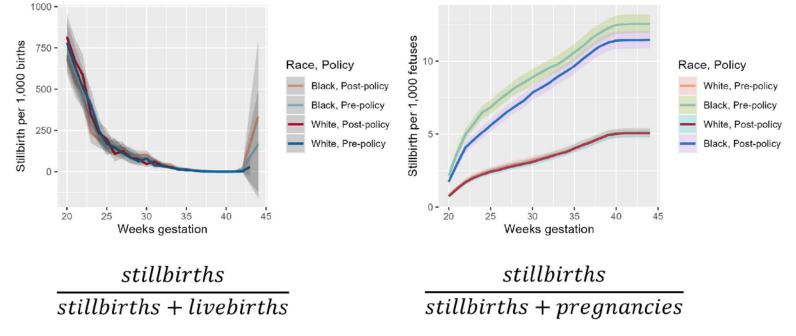
The goal of this dissertation is to:

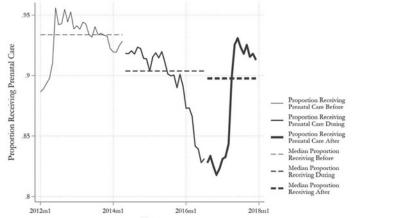
- 1. Demonstrate how select challenges can impede valid inference in reproductive policy evaluation, and
- 2. Provide strategies to address these challenges

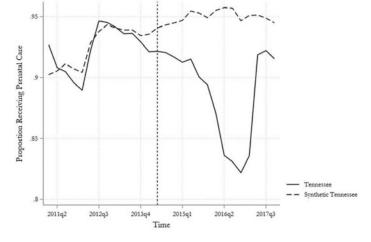
Case studies will be used to both highlight a methodological challenge and provide case study-specific solutions

Rate of stillbirth in GA by race, policy (conventional) All pregnancies at 20+ weeks of gestation Rate of stillbirth in GA by race, policy (fetus-at-risk) All pregnancies at 20+ weeks of gestation

Figure 1: Prenatal Care Before, During, and After Tennessee's Fetal Endangerment Law Figure 6: Synthetic Control Results for Prenatal Care







Boone & McMichael (2021)

Scholar Awards Celebration

November 13, 2024



Igniting Innovation in Georgia •