

Global Effects Of The Mexico City Policy

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This document provides an introduction to R Markdown, argues for its benefits, and presents a sample manuscript template intended for an academic audience. I include basic syntax to R Markdown and a minimal working example of how the analysis itself can be conducted within R with the `knitr` package.

Keywords: Mexico City policy, Global Gag Rule

Introduction

The issue of abortion in the United States is one that is fiercely debated and divides large segments of the population. These divides are inherently partisan and therefore have led to legislation. In 1984 the Reagan administration signed into law the “Mexico City policy”, named for the city in which it was signed. The policy requires all non governmental organizations operating abroad to refrain from performing, advising on or endorsing abortion as a method of family planning if they wish to continue to receive federal funding. The policy has had a tumultuous history, either being reinstated or rescinded depending on the party affiliation of the current president. Starting with Bill Clinton in 1993 the policy was rescinded, then restored by George W. Bush in 2001, rescinded again by Barack Obama in 2009, and most recently restored by Donald J. Trump in 2017.

At its heart, the ban is propelled by the desire to limit the use of U.S. taxpayer dollars to pay for abortion or abortion-related services. The consequences of this ban include the termination of abortion related services such as; education, family planning, counseling, and training. The all or nothing nature of the ban would also cut off funds for non abortion related health services that would be offered at non governmental health providers. This presents some serious public health concerns for areas of the world where these services are essential for maternal health and prenatal care.

We hypothesized that the institution of the ban could lead to a reduction in family planning services which could then lead to an increase in induced abortions. By restricting the flow of funds into health clinics that provide services related to abortion among others, the U.S. government restricts the amount of care that can be provided to those utilizing those services. The aim of this project was to gather, analyze, and present data on the past effects of the Global Gag Rule and create a resource that assists our audience in understanding the scope of the policy, its observable impact on women’s health, and the pathways through which it influences public health policy decisions outside of the United States.

Related Work

The United Nations’ Department of Economic and Social Affairs has conducted various research via nationally-representative surveys. Their dataset¹ (World Contraceptive Use 2016) contains information about prevalence and unmet family planning needs for 195 different countries/areas of

¹World Contraceptive Use 2016, includes country-specific estimates of these and other indicators, based on survey data available as of April 2016 [dataset link](#)

the world from 1950 to 2015. This information is broken down by type of contraceptive and specific demand for family planning through different methods, which was gathered through about 15 conducted surveys across the world. These types of indicators are effective in assessing the progress of universal reproductive health-care and family planning information in a geographical area. The global gag rule has been known to threaten the funding of certain health-care organizations, which may have effects on the prevalence of contraceptive and family planning methods.

The World Health Organization (WHO) published a study² in partnership with the Stanford University Department of Medicine in 2011 analysing the effects of the “Mexico City Policy” on a set of sub-Saharan African countries. Specifically, this study attempted to determine whether a relationship exists between the reinstatement of the Mexico City Policy and the probability that a sub-Saharan African woman will have an induced abortion. The Stanford researchers looked at the relationship between a country’s exposure to the Mexico City Policy and the odds of abortion among women of reproductive age between 1994 and 2008. In this way they were able to find a statistically significant³ relationship between the introduction of the Mexico City Policy and an increase in induced abortions.

The U.S. Administration of International Development, as the major government agency in international aid, is responsible for reporting all official U.S. foreign aid to Congress. USAID maintains an extensively detailed database for reporting this data, which keeps records of foreign aid obligations and disbursements back to 1946. In addition to storing and reporting this data, USAID provides many projects under Barack Obama’s open government initiative in order to encourage public collaboration on research and data analysis. The Foreign Aid Explorer⁴ provides a dashboard for querying and downloading this dataset, but also includes its own visualizations and maps that provide informative breakdowns of global financial aid. This project was invaluable for obtaining and becoming familiar with the USAID dataset we performed analysis on.

Methods

Heres some emmbeded code

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# lmfitt <- lm(Maternal_Mortality ~ Exposure + Num.Ab, data=full.exposure.mm,  
# na.action = na.omit) lmfitt preds <- predict(lmfitt) plot(preds,  
# full.exposure.mm$Maternal_Mortality[!is.na(full.exposure.mm$Num.Ab)])  
  
tmp <- "test"
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²United States aid policy and induced abortion in sub-Saharan Africa [study](#), [dataset](#)

³Women living in highly exposed countries had 2.73 (95% CI: 1.95–3.82) times the odds of having an induced abortion after the policy’s reinstatement than during the period from 1994 to 2000 or than women living in less exposed countries. [summary](#)

⁴USAID is responsible for reporting official U.S. Government foreign aid to Congress and the Organization for Economic Cooperation and Development (OECD) [Foreign Aid Explorer website](#)

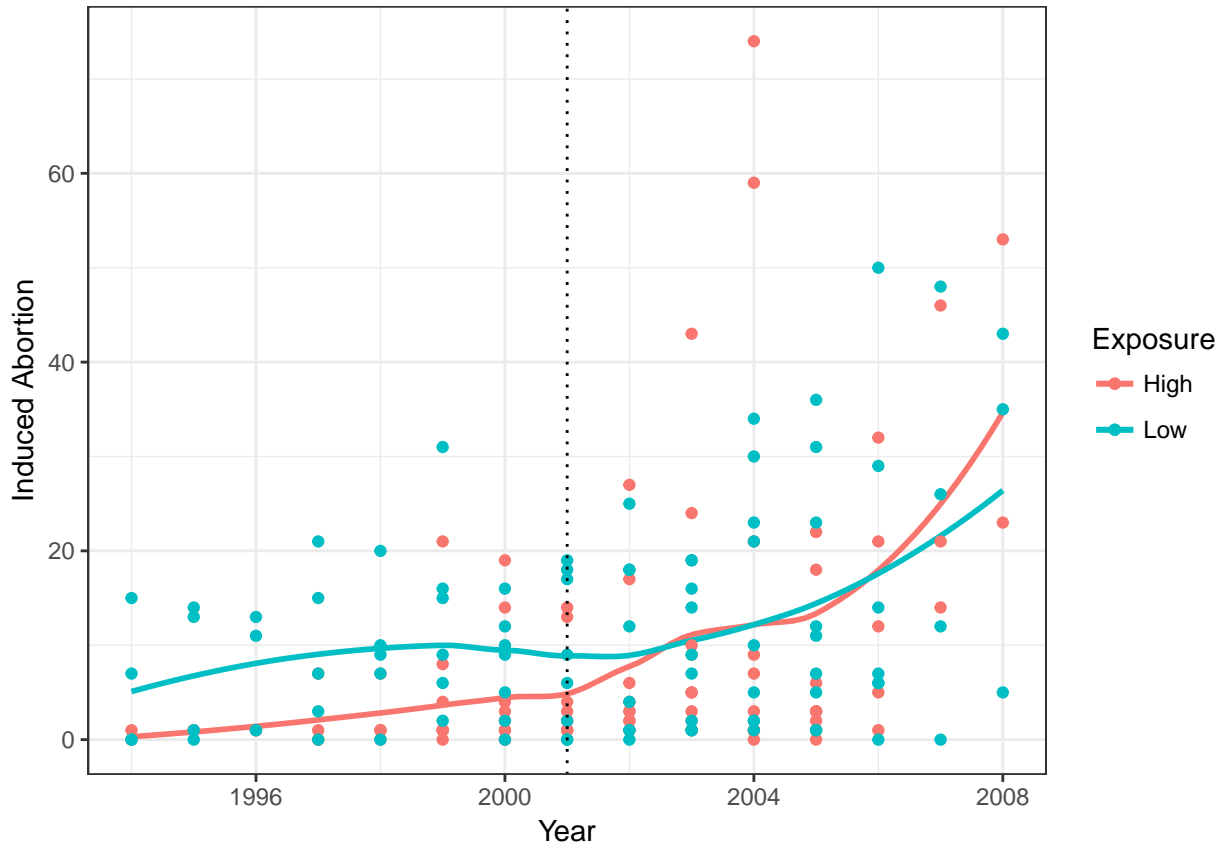


Figure 1: Abortion Rates For Both Levels Of Exposure

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Results

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Discussion

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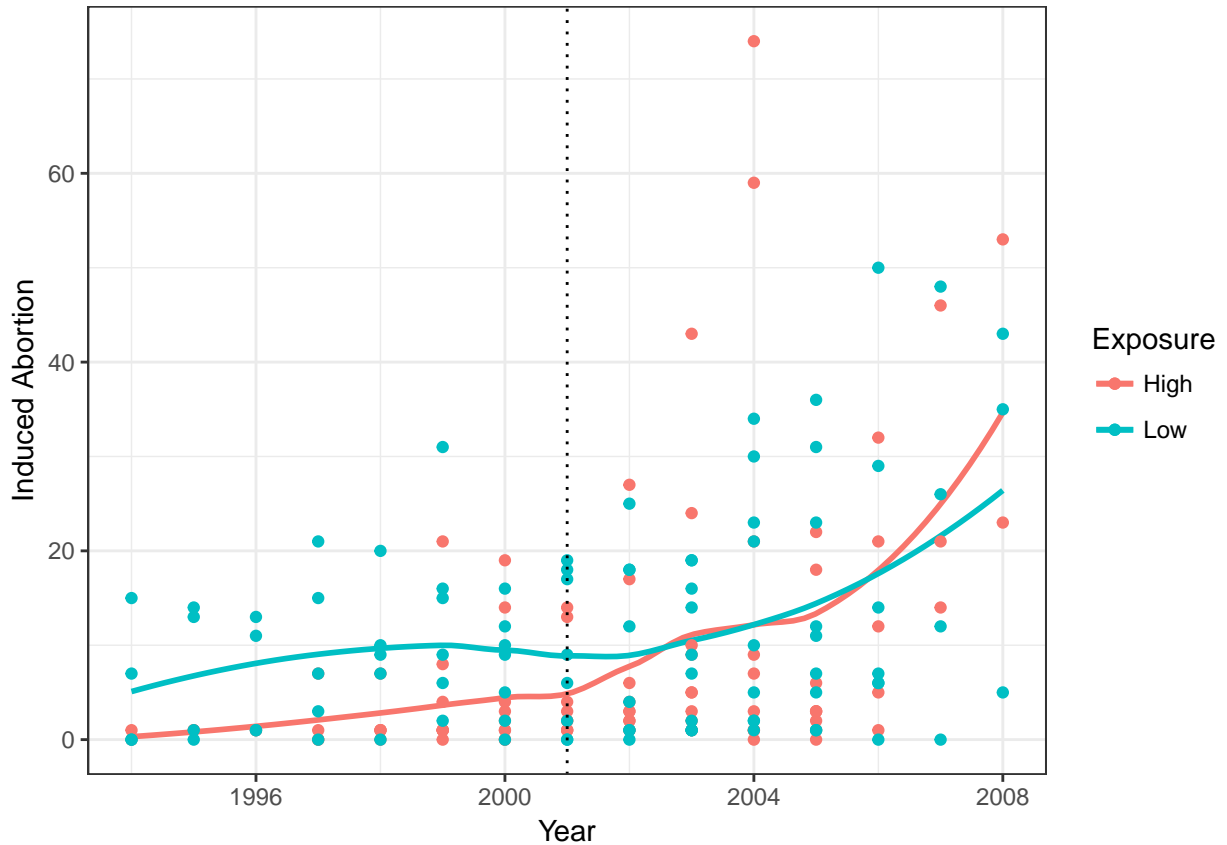


Figure 2: Test

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Future Work

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