**Read Me File for "Imposing Policy on Reluctant Actors: The Hospital Desegregation Campaign and Black Postneonatal Mortality in the Deep South" (Anderson, Charles, and Rees 2024)**

The do files described below were last run using STATA version 16

## (1) CREATING THE DATA SET USED FOR THE HOSPITAL DESEGREGATION ANALYSIS

The do file used to create the data set for the county-level regression analysis is named "Building data set for hospital desegregation analysis.do" and is in the folder "…\RESTAT replication files." It creates the data set named "Data set for hospital desegregation analysis.dta."

To create this data set requires calling on numerous separate files, all of which are described below.

If the user prefers to skip straight to replicating the regression analysis, they can start with the do file "Hospital desegregation analysis.do," which begins by loading "Data set for hospital desegregation analysis.dta."

### Creating the county-level mortality data set

The mortality data come from the Multiple Cause-of-Death Mortality Files, published by the National Vital Statistics System and available through the NBER at: https://www.nber.org/research/data/mortality-data-vital-statistics-nchs-multiple-cause-death-data.

The raw mortality files were too large to upload to the Dataverse, but can be downloaded directly as .dta files from the link above.

Step 1: Open the file "…\RESTAT replication files\Raw mortality do files." The do files "County Mortality 1959.do" through "County Mortality 1973.do" read in the raw mortality files "mort1959.dta" through "mort1973.dta" and save the cleaned mortality files as "County Mortality 1959.dta" through "County Mortality 1973.dta" in the folder "…\RESTAT replication files\Cleaned mortality data and do files" (Note: the raw mortality data files will be downloaded from the link above with the file names m1959.dta…m1973.dta. These need to be changed to mort1959.dta…mort1973.dta to be read in by our do file).

Step 2: The do file "County Mortality 1959-1973.do" reads in the yearly cleaned mortality files from Step 1 to create the county-level mortality data set used for the regression analysis. This file is named "County Mortality 1959-1973 long.dta" and is available in the folder "…\RESTAT replication files\Cleaned mortality data and do files"

### Population and live birth data

County populations by race come from the Census, are in the file "County Populations 1950-1980 with VA cities long form.dta", and are available in the folder "…\RESTAT replication files\Population and live birth data files"

Live birth data come from a range of sources and are described in detail in Appendix Table B1. These data are in the file "County-level Births by Attendant 1955-1975 long.dta" and are available in the folder "…\RESTAT replication files\ Population and live birth data files"

**Medicare certification dates**
Medicare certification dates come from annual "Guide Issues," published by the *Journal of the American Hospital Association* (*JAHA*). These Guide Issues were obtained from Montana State University's off-site library annex. The Medicare certification dates were transcribed "by hand" are in the file "County Medicare Certification Dates.dta", and are available in the folder "…\RESTAT replication files\Medicare certification dates"

**Other covariates**
Controls include the following: *High School Degree*, *Health Spending*, and *Employment to Population*. These variables, and their sources, are described in detail in Appendix Table A2. The data files to create each variable are available in the folder "\RESTAT replication files\Covariate data" and are named as follows:

*High School Degree*: "Imputed County Education Levels 1950-1977.dta"
*Health Spending*: "Imputed County Health Expenditures 1957-1977.dta"
*Employment to Population*: "Imputed County Employment 1957-1977.dta"

## (2) HOSPITAL DESEGREGATION ANALYSIS

**Packages to install before running the Callaway and Sant'Anna (2021) estimator below:**
**csdid**
**drdid**

**(a) Event study figures and regression tables**
Data file: \RESTAT replication files\Data set for hospital desegregation analysis.dta
Do file: \RESTAT replication files\Hospital desegregation analysis.do

These files will replicate the following figures and tables in Anderson, Charles, and Rees (2024) in the following order:

**Figure 2. The Effect of the Hospital Desegregation Campaign on Postneonatal Mortality by Race, 1959-1973**

**Figure 3. The Effect of the Hospital Desegregation Campaign on Black Postneonatal Mortality, 1959-1973: Callaway and Sant'Anna (2021) Estimator**

**Figure 4. The Effects of the Hospital Desegregation Campaign on In-Hospital Black Births, 1959-1973**

**Table 1. The Effect of the Hospital Desegregation Campaign on Black Postneonatal Mortality, 1959-1973: Alternative Treatment Thresholds**

**Table 2. The Effect of the Hospital Desegregation Campaign on Black Postneonatal Mortality, 1959-1973: Extensions**
-For the column (2) estimates, the do file merges in the data set "…\RESTAT replication files\Black Hospitals\Black Hospitals in the Deep South.dta"

-For the column (4) estimates, the do file merges in the data set "…\RESTAT replication files\Medicare certification dates by hospital ownership\Medicare Certification Dates by Hospital Ownership - All hospitals.dta"

**Table 3. Replicating and Extending Estimates from Almond et al. (2006) on the Effect of the Hospital Desegregation Campaign on Postneonatal Mortality in Mississippi by Race**

**Appendix Figure A2. The Effect of the Hospital Desegregation Campaign on Black Infant and Neonatal Mortality, 1959-1973**

**Appendix Figure A3. The Effect of the Hospital Desegregation Campaign on the Black-White Postneonatal Mortality Gap, 1959-1973**

**Appendix Figure A6. The Effect of the Hospital Desegregation Campaign on Black Postneonatal Mortality by Cause, 1959-1973**

**Appendix Figure A7. The Effect of the Hospital Desegregation Campaign on the Black-White Postneonatal Mortality Gap by Cause, 1959-1973**

**Appendix Figure A8. The Effect of the Hospital Desegregation Campaign on Black Postneonatal Mortality by Cause, 1959-1973: Callaway and Sant'Anna (2021), Showing All Leads and Lags**

**Appendix Figure A9. The Effect of the Hospital Desegregation Campgaign on Black Postneonatal Mortality, 1959-1973: Strom Thurmond Heterogeneity Analysis**
-For this figure, the do file merges in the data set "…\RESTAT replication files\Thurmond vote share\Thurmond vote share.dta"

**Appendix Figure A10. Replicating and Extending Event-study Estimates from Almond et al. (2006) on the Black-White Postneonatal Mortality Gap Due to Pneumonia, Influenza, and Diarrhea in Mississippi**

**Appendix Figure A15. The Effects of the Hospital Desegregation Campaign on Out-of-Hospital Black Births and Maternal Mortality, 1959-1973**

**Appendix Table A2. Descriptive Statistics**

**Appendix Table A3. The Effect of the Hospital Desegregation Campaign on Postneonatal Mortality by Race, 1959-1973: Event-study Estimates**

**Appendix Table A5. The Effect of the Hospital Desegregation Campaign on Black Postneonatal Mortality, 1959-1973: Robustness Checks**
-For the column (3) estimates, the do file merges in the data set "…\RESTAT replication files\Detrended mortality data\Bacon De-Trended Postneonatal Mortality Rates.dta"

-For the column (6) estimates, the do file merges in the data set "…\RESTAT replication files\County adjacency file\Medicare-certified Counties on Border.dta"

**Appendix Table A6. Replicating and Extending estimates from Almond et al. (2006) on the Effect of the Hospital Desegregation Campaign on Postneonatal Mortality Due to Pneumonia, Influenza, and Diarrhea in Mississippi by Race**

**Appendix Table A7. Using and Extending Almond et al.'s (2006) Specification to Estimate the Effect of the Hospital Desegregation Campaign on Black Postneonatal Mortality in the Five Deep South states**

**(b) Regional postneonatal mortality trends in the United States**
Data file: \RESTAT replication files\ Data for regional trends\State Mortality 1959-1973.dta
Data file: \RESTAT replication files\ Data for regional trends\State Natality 1957-1973.dta
Do file: \RESTAT replication files\Regional Mortality Trends.do

These files will replicate the following figure in Anderson, Charles, and Rees (2024):

**Figure 1. Black-White Gap in Postneonatal Mortality Rates by Region, 1959-1973**

**(c) Postneonatal mortality and birth trends in the Deep South**
Data file: \RESTAT replication files\Data set for hospital desegregation analysis.dta
Do file: \RESTAT replication files\Trends in Mortality Rates and Hospital Births.do

These files will replicate the following figures in Anderson, Charles, and Rees (2024):

Appendix Figure A1. Postneonatal Mortality Rates by Race, 1959-1973

Appendix Figure A4. Postneonatal Mortality Due to Pneumonia/Influenza by Race, 1959-1973

Appendix Figure A5. Postneonatal Mortality Due to Diarrhea by Race, 1959-1973

Appendix Figure A11. In-Hospital Birth Rates by Race, 1959-1973

Appendix Figure A12. Out-of-Hospital Physician-Attended Birth Rates by Race in the Deep South, 1959-1973

Appendix Figure A13. Out-of-Hospital Midwife-Attended Birth Rates by Race, 1959-1973

**(d) Proportion of counties treated based on alternative thresholds**
Data file: \RESTAT replication files\Medicare certification dates\County Medicare Certification Dates.dta
Do file: \RESTAT replication files\Percent of Counties Certified by Specific Date.do

These files will replicate the following table in Anderson, Charles, and Rees (2024):

**Appendix Table A4. Proportion of Counties Treated Based on Alternative Thresholds**

**(e) Descriptive figure from the NHIS**

Data file: \RESTAT replication files\ NHIS data\Infant hospitalization counts by race and year and region.dta
Do file: \RESTAT replication files\NHIS figure.do

These files will replicate the following figure in Anderson, Charles, and Rees (2024):

**Appendix Figure A14. Black-White Difference in Past-Year Hospital Admission Rates Among Infants by Region, 1963-1969**