

Lab #18 - More on Regression Discontinuity

Econ 224

November 8th, 2018

Introduction

First download the MLDA dataset `deaths.dta` Mastering 'Metrics website and use an appropriate package to convert this file and load it in R.

```
library(tidyverse)
library(haven)
mlda <- read_dta('~/.econ224/labs/deaths.dta')
mlda
```

```
# A tibble: 24,786 x 15
  year state legal1820 dtype agegr count pop age legal beertaxa
  <dbl> <dbl>      <dbl> <dbl+1> <dbl+1> <dbl> <dbl> <dbl> <dbl>      <dbl>
1  1970     1         0     1         1      224 213574 16.0     0      1.37
2  1971     1         0     1         1      241 220026 16.0     0      1.32
3  1972     1         0     1         1      270 224877 16.0     0      1.28
4  1973     1         0     1         1      258 227256 16.0     0      1.20
5  1974     1         0     1         1      224 229025 16.0     0      1.08
6  1975     1      0.294 1         1      207 229739 16.0     0      0.991
7  1976     1      0.665 1         1      231 230696 16.0     0      0.937
8  1977     1      0.668 1         1      219 230086 16.0     0      0.880
9  1978     1      0.667 1         1      234 229519 16.0     0      0.817
10 1979     1      0.668 1         1      176 227140 16.0     0      0.734
# ... with 24,776 more rows, and 5 more variables: beerpercap <dbl>,
# winepercap <dbl>, spiritpercap <dbl>, totpercap <dbl>, mrate <dbl>
```