CODEBOOK

"Social Capital, Racial Context and Incarcerations in the American States"
by Daniel P. Hawes, State Politics and Policy Quarterly.

Variables in Dataset (Summary)

Variable Name	Variable Label	Source	URL
ID Variables			
statename	State Name		
year	Year		
fips	FIPS State Code		
fipsyear	FIPS Code + Year		
Dependent Variables			
jprison_totalrt	Total Inmates per 100,000 population	BJS National Prison Statistics (ICPSR Study No. 34981)	http://www.icpsr.umich.edu/icpsrweb/NACJD/studies/34981

prison_whtrt	White Inmates per 100,000 population	BJS National Prison Statistics (ICPSR Study No. 34981)	http://www.icpsr.umich.edu/icpsrweb/NACJD/studies/34981
prison_blkrt	Black Inmates per 100,000 population	BJS National Prison Statistics (ICPSR Study No. 34981)	http://www.icpsr.umich.edu/icpsrweb/NACJD/studies/34981
prison_BWratio	Black/White Incarceration Ratio	Authors Caluculation based on prison_blkrt and prison_whrt	
ln_prison_BWratio	Logged Black/White Incarceration Ratio	Authors calculation based on ln(prison_BWratio)	
Independent Variables			
SC8609_ma	Social Capital Index	Hawes, Rocha and Meier (2013)	https://perg-tamu.com/data-reports
racialdiversity	Racial Diversity (Blau Index)	U.S. Census Bureau Population Estimates	https://www.census.gov/programs-surveys/popest/data/tables.html
pop_pctblk	Percent Black Population	U.S. Census Bureau Population Estimates	https://www.census.gov/programs-surveys/popest/data/tables.html
ln_pctblk	ln(Percent Black Population)	ln(pop_pctblk)	
VCRate_Total	Total Violent Crimes per 100,000 population	FBI Uniform Crime Report	https://ucr.fbi.gov/ucr-publications
PCRate_Total	Total Property Crimes per 100,000 population	FBI Uniform Crime Report	https://ucr.fbi.gov/ucr-publications
govideo	Government Ideology	Berry et al. (2012)	https://rcfording.wordpress.com/datasets/

totdempct	Percent Democrats in State Legislature	Indiana State University – Klarner Politics	http://klarnerpolitics.com/kp-dataset-page.html
women_leg	Percent Females in State Legislature	Center for American Women and Politics	http://www.cawp.rutgers.edu/fact-sheet-archive-women-state-legislatures
blk_leg	Percent African Americans in State Legislature	National Conference of State Legislatures/Joint Center	2007 Data - http://stars.library.ucf.edu/cgi/viewcontent.cgi?article=2972&context=etd http://www.ncsl.org/research/about-state-legislatures/who-we-elect.aspx Archival data from the Annual Report by the Joint Center for Political and Economic Studies (books)
threestrikes	Three Strikes Law (Yes/No)	Author's calculation based on National Conference of State Legislatures and Austin, Clark, Hardyman and Henry (2000)	Statues Listed http://www.ncsl.org/documents/cj/sentencing.pdf Austin et al. (2000) https://www.ncjrs.gov/pdffiles1/nij/grants/181297.pdf
gtclear	Trial Court Clearance Rate	Author's Calculations based on Trial Court data from *State Court Statistics* (ICPSR Study No. 9266)	http://www.icpsr.umich.edu/icpsrweb/ICPSR/series/00080
darrest2	Drug Arrests / Population	Sorens and Ruger (2011)	http://www.statepolicyindex.com/archive/
gsppc_k	GSP per Capita (in 2007 $1000)	Author's calculation using GSP data from U.S. Department of Commerce, Bureau of Economic Analysis and Berry et al.'s state CPI	BEA Data http://www.bea.gov/regional/downloadzip.cfm Berry, Fording and Hanson (2000) CPI data https://rcfording.wordpress.com/datasets/

unemp	Unemployment Rate	U.S. Department of Commerce, Bureau of Labor Statistics	https://www.bls.gov/cps/tables.htm#annual
pov_rtfull	Poverty Rate	U.S. Census Bureau, Current Population Survey	https://www.census.gov/hhes/www/p60_243sa.pdf
bwpovratio	Poverty Inequality (Black/White Ratio)	Moving average of U.S. Census Bureau, Current Population Survey	https://www.census.gov/hhes/povmeas/data/index.html
edattain_ma	Percent with College Degree	Moving average of U.S. Census Bureau, Statistical Abstract of the United States	https://www.census.gov/library/publications/time-series/statistical_abstracts.html
bwcolratio	Education Inequality (Black/White Ratio)	Moving average U.S. Census Bureau, Statistical Abstract of the United States	https://www.census.gov/library/publications/time-series/statistical_abstracts.html
divorcerate	Divorces per 1,000 Population	National Center for Health Statistics	https://www.cdc.gov/nchs/nvss/marriage-divorce.htm
felonspc	Voting-Ineligible Felons per 100,000	George Mason University, United States Election Project	http://www.electproject.org/home/voter-turnout/voter-turnout-data
SC_RD	Social Capital X Racial Diversity	Interaction term between SC8609_ma and racialdiversity	Author's Calculation
ln_SC_PBLK	Social Capital X ln(% Black)	Interaction term between SC8609_ma and ln_pctblk	Author's Calculation
disequ_lnBWPSC2	Disequilibrium Rate	l.ln_prison_BWratio-l.SC8609_ma	Author's Calculation

Detailed Codebook

VARIABLE NAME **VARIABLE LABEL**

---statename

State Name

---

type: string (str20)

unique values: 51 missing "": 0/1581

examples: "Georgia"
"Maryland"
"New Jersey"
"South Carolina"

---year

Year

---

type: numeric (float)

range: [1980,2010] units: 1

unique values: 31 missing .: 0/1581

mean: 1995

std. dev: 8.9471

percentiles: 10% 25% 50% 75% 90%
1983 1987 1995 2003 2007

---fips

FIPS State Code

---

type: numeric (float)

range: [1,56] units: 1

unique values: 51 missing .: 0/1581

mean: 28.9608

std. dev: 15.6818

percentiles: 10% 25% 50% 75% 90%
8 16 29 42 50

---

fipsyear FIPS + Year ID

---

type: numeric (double)

range: [11980,562010] units: 1

unique values: 1581 missing .: 0/1581
mean: 291603
std. dev: 156818
percentiles: 10% 25% 50% 75% 90%
81983 162003 291995 421987 502007

VCRate_Total Total Violent Crime Rate

---

type: numeric (double)
range: [51.3,2921.8] units: .1
unique values: 1121 missing .: 357/1581
mean: 493.469
std. dev: 315.327
percentiles: 10% 25% 50% 75% 90%
177.5 283.1 441.35 634.8 806.3

PCRate_Total Total Property Crime Rate

---

type: numeric (double)
range: [1705.3,9512.1] units: .1
unique values: 1201 missing .: 357/1581
mean: 4019.85
std. dev: 1200.75
percentiles: 10% 25% 50% 75% 90%
2546.3 3112.8 3978.6 4690.2 5588.2

---

divorcerate Divorces per 1,000 Population

---

type: numeric (double)
range: [1.65,17.6] units: 1.000e-07
unique values: 130 missing .: 17/1581
mean: 4.60304
std. dev: 1.55183
percentiles: 10% 25% 50% 75% 90%
3.1 3.6 4.3 5.3 6.4

---

women_leg Percent Female Legislators in State Legislature

---

type: numeric (double)
range: [2.1,40.8] units: .01
unique values: 263 missing .: 381/1581
mean: 20.4861
std. dev: 7.75624
percentiles: 10% 25% 50% 75% 90%
10.6 15 20 25.8 31.3

SC8609_ma Social Capital

The measure is based on the measure from Hawes, Rocha and Meier (2013) published in SPPQ. It has been updated through 2009. The measure is available at perg.tamu.com/data-reports.

type: numeric (float)
range: [-2.9133439,3.0867953] units: 1.000e-11
unique values: 1296 missing .: 285/1581
mean: .197233
std. dev: 1.0308
percentiles: 10% 25% 50% 75% 90%
-1.08614 -.454267 .154922 .851956 1.58837

---

pop_pctblk Percent Population Black

---

type: numeric (float)
range: [.22191547,66.21682] units: 1.000e-08
unique values: 1571 missing .: 10/1581
mean: 10.5456
std. dev: 10.9536
percentiles: 10% 25% 50% 75% 90%
.62977 2.37859 7.14189 15.4416 26.7456

---

felonspc Voting-Ineligible Felons per 100,000 Voting Eligible Persons

---

type: numeric (float)

range: [49.352085,4791.3423] units: 1.000e-06
unique values: 1502 missing .: 10/1581
mean: 1084.71
std. dev: 778.398
percentiles: 10% 25% 50% 75% 90%
247.325 483.827 938.369 1501.74 2065.96

---

bwpovratio Black/White Poverty Ratio

This variable is the ratio of the black poverty rate divided by the white poverty rate based on Census data for 1980, 1990, 2000 and 2010.

type: numeric (float)
range: [.97060305,5.0487938] units: 1.000e-08
unique values: 1351 missing .: 27/1581
mean: 2.76073
std. dev: .748745
percentiles: 10% 25% 50% 75% 90%
1.78495 2.27806 2.78261 3.24993 3.65856

---

bwcolratio Black/White College Ratio

This variable is the ratio of the black college attainment rate divided by the white college attainment rate based on Census data for 1980, 1990, 2000 and 2010.

type: numeric (float)
range: [.37440759,1.4716564] units: 1.000e-08
unique values: 1050 missing .: 31/1581
mean: .633455
std. dev: .199492
percentiles: 10% 25% 50% 75% 90%
.473497 .508511 .569552 .667624 .930737

---

pov_rtfull Poverty Rate

---

type: numeric (float)
range: [2.9,27.2] units: .1

unique values: 196 missing .: 81/1581
mean: 12.8887
std. dev: 3.8808
percentiles: 10% 25% 50% 75% 90%
8.6 10 12.35 15.1 18

---

unemp Unemployment Rate

---

type: numeric (float)
range: [1.6888889,18] units: 1.000e-07
unique values: 206 missing .: 81/1581
mean: 5.79762
std. dev: 2.08399
percentiles: 10% 25% 50% 75% 90%
3.5 4.3 5.4 6.9 8.6

---

govideo ADA/COPE measure of state govt ideology

Source:
Berry, William D., Richard C. Fording, Evan J. Ringquist, Russell L. Hanson, and Carl Klarner. 2012. "A New Measure of State Government Ideology, and Evidence that Both the New Measure and an Old Measure are Valid." *State Politics & Policy Quarterly* Published Online Dec. 20, 2012.

type: numeric (float)
range: [0,98.125] units: 1.000e-06
unique values: 1481 missing .: 31/1581
mean: 50.8246
std. dev: 25.0948
percentiles: 10% 25% 50% 75% 90%
14.1569 31.7321 51.026 71.3731 84.8586

---

totdempct Proportion of Democrats in Entire Legislature

---

type: numeric (float)
range: [9.915612,97.14286] units: 1.000e-06

unique values: 682 missing .: 31/1581
mean: 55.2124
std. dev: 16.968
percentiles: 10% 25% 50% 75% 90%
33.6538 43.2203 55 65.1786 80.5042

---

racialdiversity Racial Diversity Index

Racial Diversity is measured as 1 - [(proportion Latino population)^2 + (proportion black population)^2 + (proportion white population)^2 + (proportion other population)^2].

type: numeric (float)
range: [.01429037,.72015232] units: 1.000e-09
unique values: 1550 missing .: 31/1581
mean: .303333
std. dev: .164647
percentiles: 10% 25% 50% 75% 90%
.086611 .169844 .287712 .439781 .524756

---

gsppc_k State GSP in $1000s per Capita

---

type: numeric (float)
range: [8.4700518,72.894936] units: 1.000e-07
unique values: 1500 missing .: 81/1581
mean: 27.5587
std. dev: 11.7224
percentiles: 10% 25% 50% 75% 90%
13.4092 18.0578 25.9251 35.655 43.8159

---

eduattain_ma % College Degrees

This variable is a moving average of Census data for 1980, 1990, 2000 and 2010

type: numeric (float)

range: [10.4,48.5] units: 1.000e-07

unique values: 1314 missing .: 51/1581

mean: 22.1034
std. dev: 5.80033

percentiles: 10% 25% 50% 75% 90%
15.1352 17.8687 21.5653 25.3153 29.7897

SC_RD SC X Racial Diversity

Created with the following command:

```
gen SC_RD = SC8609_ma*racialdiversity
```

type: numeric (float)
range: [-1.3007354,.74514985] units: 1.000e-11
unique values: 1296 missing .: 285/1581
mean: -.039215
std. dev: .299778
percentiles: 10% 25% 50% 75% 90%
-.467394 -.166602 .041037 .148469 .25561

---

jprison_totalrt Total Prison Rate

---

type: numeric (float)
range: [35.411304,1937.9379] units: 1.000e-06
unique values: 1561 missing .: 20/1581
mean: 330.123
std. dev: 211.588

percentiles: 10% 25% 50% 75% 90%
117.5 182.911 297.443 431.148 553.455

---

prison_whtrt White Prison Rate

---

type: numeric (float)

```
            range:  [0,551.91547]               units:  1.000e-06
      unique values:  1557                      missing .:  22/1581
             mean:   189.983
          std. dev:   96.7795
       percentiles:        10%       25%       50%       75%       90%
                        80.2904   114.156   174.666   249.331   324.927
```

---

prison_blkrt — Black Prison Rate

```
            type:  numeric (float)
            range:  [0,9544.749]                units:  1.000e-06
      unique values:  1548                      missing .:  30/1581
             mean:   1362.76
          std. dev:   662.721
       percentiles:        10%       25%       50%       75%       90%
                        602.567   896.189   1281.98   1764.37   2203.15
```

---

prison_BWratio — Black/White Prison Ratio

Black Rate/White Rate [`gen prison_BWratio =  prison_blkrt /prison_whtrt`]

```
            type:  numeric (float)
            range:  [1.1556168,57.305557]       units:  1.000e-07
      unique values:  1548                      missing .:  33/1581
             mean:   8.14073
          std. dev:    4.6805
       percentiles:        10%       25%       50%       75%       90%
                        4.16918   5.27229   6.94672   9.64235   13.4945
```

---

ln_prison_BWratio — ln(Black/White Prison Ratio)

```
            type:  numeric (float)
            range:  [.14463419,4.0483975]       units:  1.000e-08
      unique values:  1548                      missing .:  33/1581
             mean:   1.97887
          std. dev:   .469842
```

percentiles: 10% 25% 50% 75% 90%
1.42772 1.66246 1.93827 2.26616 2.60229

---

ln_pctblk ln(% Black)

---

type: numeric (float)
range: [-1.5054587,4.1929345] units: 1.000e-09
unique values: 1571 missing .: 10/1581
mean: 1.69407
std. dev: 1.33133
percentiles: 10% 25% 50% 75% 90%
-.462401 .866507 1.96598 2.73707 3.28637

---

ln_SC_PBLK SC X ln(% Black)

Interaction between Social Capital and ln(Percent Black)

```
gen ln_SC_PBLK = SC8609_ma*ln_pctblk
```

type: numeric (float)
range: [-9.8862057,4.7840719] units: 1.000e-10
unique values: 1296 missing .: 285/1581
mean: -.564565
std. dev: 2.04706
percentiles: 10% 25% 50% 75% 90%
-3.11631 -1.35587 -.15658 .709283 1.48233

---

threestrikes 'Three-Strikes' Law

---

type: numeric (float)
range: [0,1] units: 1
unique values: 2 missing .: 0/1581

threestrikes = 1 for the following states. All others = 0.

FIPS	YEARS
36	ALL

48	ALL
53	year >= 1993
6	year >= 1994
8	year >= 1994
9	year >= 1994
13	year >= 1994
18	year >= 1994
20	year >= 1994
22	year >= 1994
24	year >= 1994
35	year >= 1994
37	year >= 1994
47	year >= 1994
51	year >= 1994
55	year >= 1994
5	year >= 1995
12	year >= 1995
30	year >= 1995
32	year >= 1995
34	year >= 1995
38	year >= 1995
42	year >= 1995
45	year >= 1995
49	year >= 1995
50	year >= 1995
4	year >= 2006

GTClear Trial Court Clearance Rate

Data come from the follow years: 1987, 1990, 1995, 2000, and 2003-2010. A moving average was used to filling missing years.

type: numeric (float)
range: [0,166.67104] units: 1.000e-09
unique values: 649 missing .: 260/1581
mean: 87.5548
std. dev: 26.2921
percentiles: 10% 25% 50% 75% 90%
52.4396 81.6012 95.9083 99.7679 103.628

---

darrest2 Drug Arrests / Population

Data come from the follow years: 1995, 1999, 2000, 2002, 2004, 2006, 2008 and 2010. A moving average was used to filling missing years. Years prior to 1995 use the 1995 rate.

type: numeric (float)
range: [0,.0393397] units: 1.000e-11
unique values: 641 missing .: 313/1581
mean: .004888
std. dev: .004868

percentiles: 10% 25% 50% 75% 90%
.001956 .002742 .003849 .005031 .007549

---

blk_leg % Black Legislators

Data from 1986-2000 come from the Joint Center for Political and Economic Studies archival data. Data for 2007 and 2009 come from the National Conference of State Legislatures. A moving average is used to fill missing years.

type: numeric (float)
range: [0,29] units: 1.000e-08
unique values: 357 missing .: 81/1581
mean: 6.327
std. dev: 6.27059
percentiles: 10% 25% 50% 75% 90%
0 .89286 4.24242 10.6061 14.1243

---

disequ_lnBWPSC2 Disequilibrium Rate

Following recommendations by Zhu (2013), the disequilibrium term for the error correction model is calculated as:

```
gen disequ_lnBWPSC2 = (l.ln_prison_BWratio-l.SC8609_ma)
```

```
            type:  numeric (float)
           range:  [-1.5002729,4.8021765]       units:  1.000e-10
  unique values:  1237                  missing .:  344/1581
            mean:    1.8283
        std. dev:   .998812
      percentiles:        10%       25%       50%       75%       90%
                       .43195   1.35185   1.92577   2.47602   2.95601
```

Zhu, Ling. 2013. “Panel Data Analysis in Public Administration: Substantive and Statistical Considerations.” *Journal of Public Administration Research and Theory* 23(2): 395-428.