

### Documentation for Guns Data

**Guns** is a balanced panel of data on 50 US states, plus the District of Columbia (for a total of 51 “states”), by year for 1977 – 1999. Each observation is a given state in a given year. There are a total of  $51 \text{ states} \times 23 \text{ years} = 1173$  observations. These data were provided by Professor John Donohue of Stanford University and were used in his paper with Ian Ayres “Shooting Down the ‘More Guns Less Crime’ Hypothesis” *Stanford Law Review*, 2003, Vol. 55, 1193-1312.

### Variable Definitions

Variable	Definition
<i>vio</i>	violent crime rate (incidents per 100,000 members of the population)
<i>rob</i>	robbery rate (incidents per 100,000)
<i>mur</i>	murder rate (incidents per 100,000)
<i>shall</i>	= 1 if the state has a shall-carry law in effect in that year = 0 otherwise
<i>incarc_rate</i>	incarceration rate in the state in the previous year (sentenced prisoners per 100,000 residents; value for the previous year)
<i>density</i>	population per square mile of land area, divided by 1000
<i>avginc</i>	real per capita personal income in the state, in thousands of dollars
<i>pop</i>	state population, in millions of people
<i>pm1029</i>	percent of state population that is male, ages 10 to 29
<i>pw1064</i>	percent of state population that is white, ages 10 to 64
<i>pb1064</i>	percent of state population that is black, ages 10 to 64
<i>stateid</i>	ID number of states (Alabama = 1, Alaska = 2, etc.)
<i>year</i>	Year (1977-1999)