

## Group 6, 11, 14, 17, 24, 31

### Effects of Mandatory Seat Belt Laws

outcome variable: fatalities

state

factor indicating US state (abbreviation).

year

factor indicating year.

miles

millions of traffic miles per year.

fatalities

number of fatalities per million of traffic miles (absolute frequencies of fatalities  
= fatalities times miles).

seatbelt

seat belt usage rate, as self-reported by state population surveyed.

speed65

factor. Is there a 65 mile per hour speed limit?

speed70

factor. Is there a 70 (or higher) mile per hour speed limit?

drinkage

factor. Is there a minimum drinking age of 21 years?

alcohol

factor. Is there a maximum of 0.08 blood alcohol content?

income

median per capita income (in current US dollar).

age

mean age.

enforce

factor indicating seat belt law enforcement ("no", "primary", "secondary").

## **Group 13, 15, 16, 18, 21, 30**

### **Wage data**

outcome variable: lw80

rns

residency in the southern states (first observation) ?

rns80

same variable for 1980

mrt

married (first observation) ?

mrt80

same variable for 1980

smsa

residency in metropolitan areas (first observation) ?

smsa80

same variable for 1980

med

mother's education in years

iq

IQ score

kww

score on the “knowledge of the world of work” test

year

year of the observation

age

age (first observation)

age80

same variable for 1980

school

completed years of schooling (first observation)

school80

same variable for 1980

expr

experience in years (first observation)

expr80

same variable for 1980

tenure

tenure in years (first observation)

tenure80

same variable for 1980

lw

log wage (first observation)

lw80

same variable for 1980

## Group 1, 3, 9, 10, 12, 26

### Sales Prices of Houses in the City of Windsor

outcome variable: price

price

sale price of a house

lotsize

the lot size of a property in square feet

bedrooms

number of bedrooms

bathrms

number of full bathrooms

stories

number of stories excluding basement

driveway

does the house has a driveway?

recroom

does the house has a recreational room ?

fullbase

does the house has a full finished basement ?

gashw

does the house uses gas for hot water heating ?

airco

does the house has central air conditioning ?

garagepl

number of garage places

prefarea

is the house located in the preferred neighbourhood of the city ?

## Group 2, 8, 19, 27, 28, 29

# Major League Baseball Player Hitting Statistics for 2010

outcome variable: bat\_avg

name

Player name

team

Team abbreviation

position

Player position

game

Number of games

at\_bat

Number of at bats

run

Number of runs

hit

Number of hits

double

Number of doubles

triple

Number of triples

home\_run

Number of home runs

rbi

Number of runs batted in

total\_base

Total bases, computed as  $3HR + 23B + 1*2B + H$

walk

Number of walks

strike\_out

Number of strikeouts

stolen\_base

Number of stolen bases

caught\_stealing

Number of times caught stealing

obp

On base percentage

slg

Slugging percentage ( $\text{total\_base} / \text{at\_bat}$ )

bat\_avg

Batting average

**Group 4, 5, 7, 20, 22, 23, 25**

## Midwest demographics

outcome variable: percbelowpoverty

PID

Unique county identifier.

county

County name.

state

State to which county belongs to.

area

Area of county (units unknown).

poptotal

Total population.

popdensity

Population density (person/unit area).

popwhite

Number of whites.

popblack

Number of blacks.

popamerindian

Number of American Indians.

popasian

Number of Asians.

popother

Number of other races.

percwhite

Percent white.

percblack

Percent black.

percamerindan  
Percent American Indian.

percasian  
Percent Asian.

percother  
Percent other races.

popadults  
Number of adults.

perchsd  
Percent with high school diploma.

percollege  
Percent college educated.

percprof  
Percent with professional degree.

poppovertyknown  
Population with known poverty status.

percpovertyknown  
Percent of population with known poverty status.

percbelowpoverty  
Percent of people below poverty line.

percchildbelowpovert  
Percent of children below poverty line.

percadultpoverty  
Percent of adults below poverty line.

percelderlypoverty  
Percent of elderly below poverty line.

inmetro  
County considered in a metro area.

category  
Miscellaneous.