PSC 400
SYRACUSE UNIVERSITY

# DATA ANALYTICS FOR POLITICAL SCIENCE

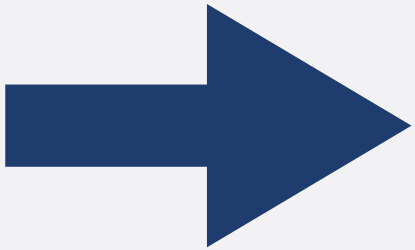
## INFERRING POPULATION CHARACTERISTICS

# ASSIGNMENTS

- Review Exercise 1 due Wednesday
- Problem Set 1 due Friday

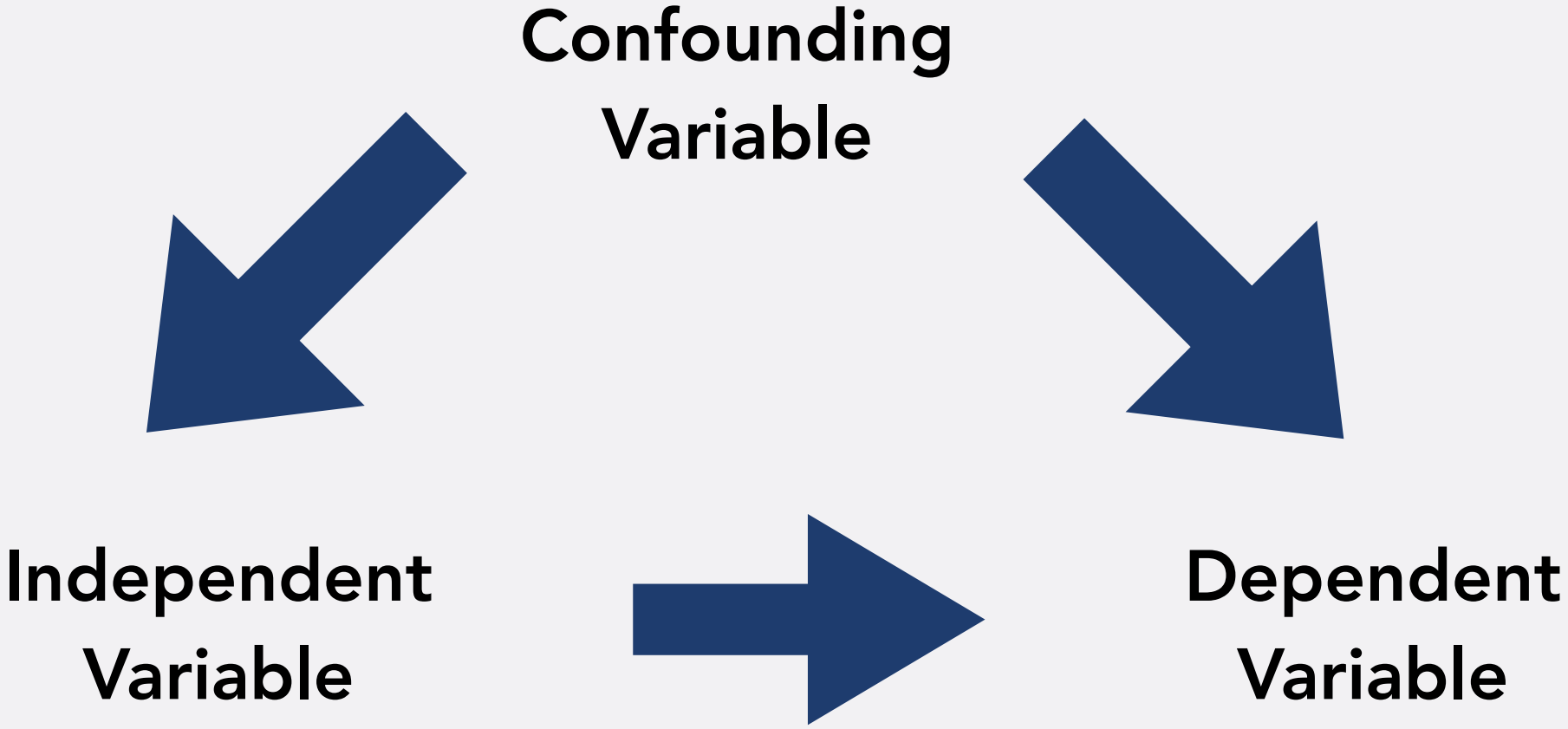
# RECAP: CAUSALITY

Independent Variable



Dependent Variable

# RECAP: CAUSALITY



# OBSERVATION

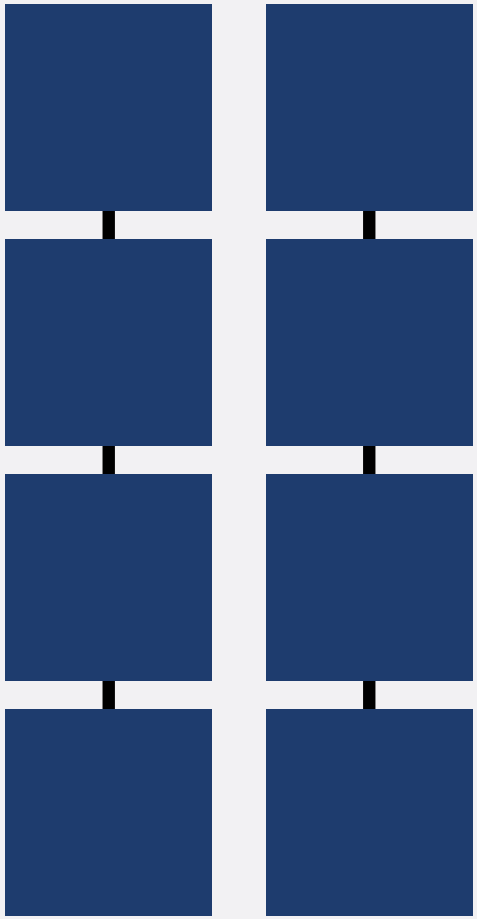
- Data point

# VECTOR

- Vector (several data points)

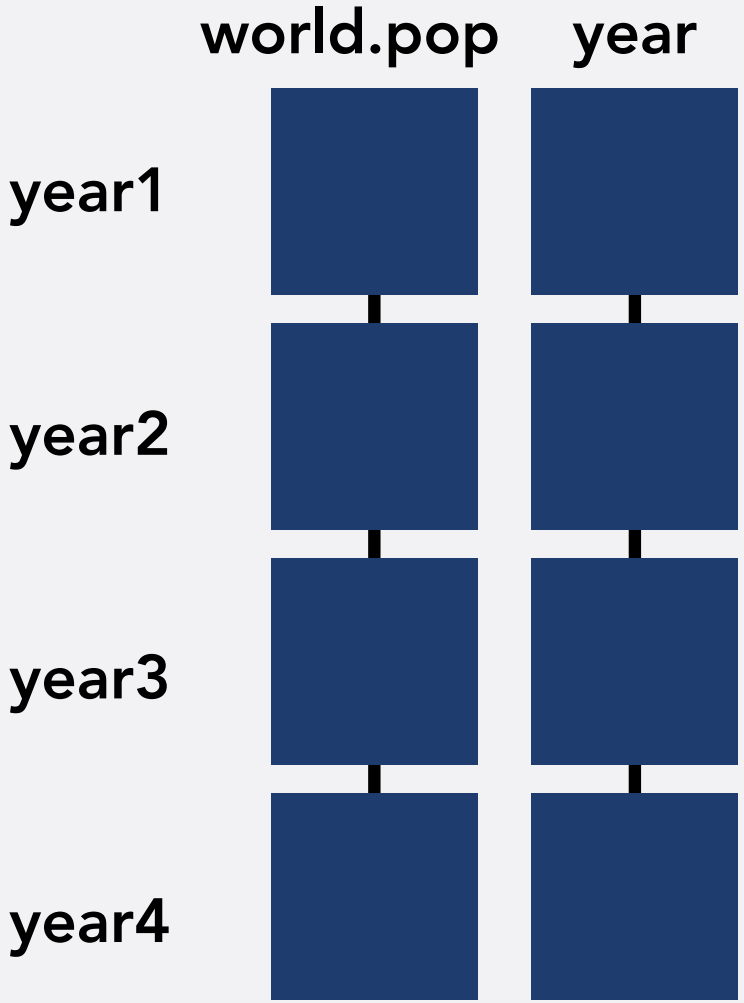
# DATA FRAME

- Data Frame (several vectors)



# DATA FRAME

- Rows: Different observations/cases
- Columns: different variables



# BES.CSV

| variable | description |
|---|---|
| *vote* | respondent's vote intention in the EU referendum: "leave", "stay", "don't know", or "won't vote" |
| *leave* | identifies leave voters: 1=intends to vote "leave" or 0=intends to vote "stay"; (NA=either "don't know" or "won't vote") |
| *education* | respondent's highest educational qualification: 1=no qualifications, 2=general certificate of secondary education (GCSE), 3=general certificate of education advanced level (GCE A level), 4=undergraduate degree, or 5=postgraduate degree; (NA=no answer) |
| *age* | respondent's age (in years) |