

# POL051 Scientific Study of Politics

## A03/A04 DEC.06

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2017 FALL QUARTER

# CONCEPTS (EXPERIMENTS)

- ▶ Random Assignment (L17)
- ▶ Confounding Variables in Experiment (L17)
- ▶ Feasibility (L19)
- ▶ Ethical Considerations (L19)
- ▶ Lab, Survey and Field Experiment (L19)
- ▶ Heterogeneous Causal Effects (L19)
- ▶ Quasi (Near) Experiment (L19)

# STUDIES (EXPERIMENTS)

1. Get-Out-to-Vote Field Experiment (L17)
2. Police Intervention and Domestic Violence (L17)
3. Local War Casualty & Opposition to War (TA/L19)
4. Race and Constituency Service (L19)
5. Contribution and Access to Politicians (TA)
6. The Turnaway Study of Abortion (L19)

# CONCEPTS (MIDTERM 2)

- ▶ Chance Error (L10)
- ▶ Chance versus Systematic Factor (L10)
- ▶ P-value: the likelihood that the chance explains the outcome (L10)
- ▶ Number of the Observation (L10)
- ▶ Intervening vs. Confounding Variable (L11)
- ▶ Small-N Research (L13)
- ▶ Method of Difference (L14)

# STUDIES (MIDTERM 2)

1. Explaining Presidential Election Outcomes (L9, HW)
2. Swain v. Alabama (1965): Racial Composition of Jury (L10)
3. Vietnam War Draft Lottery (L10)
4. Settlement & Civil War / Gender & Abortion Pref. (L10)
5. QOL in Haiti & Dominican Rep. (L13)
6. Political Salience of Ethnicity in Zambia & Malawi (L13)
7. Democratic Peace (L14/15)
8. Decline in Marginal Districts, Fiorina (TA Session)

# CONCEPTS (MIDTERM 1)

- ▶ Research Question
- ▶ Theory
- ▶ Descriptive Hypothesis & Causal Hypothesis
- ▶ Empirical Evidence: Correlation vs. Causation
- ▶ FPCI, Counterfactuals & Its Approximation
- ▶ Variables, Values
- ▶ Data Collection & Measurement
- ▶ Dependent (Y), Independent (X) & Confounding Variable (Z)
- ▶ Alternative Explanations, Temporal Order

# STUDIES (MIDTERM 1)

1. Medical/personal vaccine exemptions. (L1)
2. Palm Beach county butterfly ballot. (L2)
3. Heads of government and aging leader mortality (L2/3)
4. Abortion issue evolution (L3)
5. Womens underrepresentation (L4)
6. Military Buildups & Conflict / Ideology in Court (L5)
7. California 3 strikes law & Cigarette Tax (L5)
8. Berkeley graduate school admissions (L6)
9. Turnout and income (L6)
10. Incumbent spending in congressional campaigns (L7)
11. Negative campaigns [In Defense of Negativity] (TA Sec.)

# NEXT WEEK

- ▶ Exam Dec 13 (Wed) 1-3pm, bring a **blank bluebook** (with no name). We will collect all the blank bluebooks and redistribute them before starting the exam.
- ▶ Good Luck!