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## Agenda'

Course Overview

- What is Political Science?
- Solving Collective Action?



Course Logistics & Structure



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► GitPage: https://calgara.github.io/pol1f2017.html



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- ▶ Reading political science articles example: Zaller 1992



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## What is Political Science?

► Participation Question: What do you think political science entails & how does it differ from civics?

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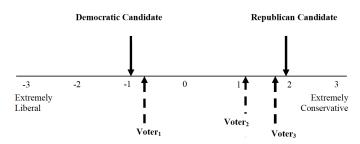
- ► Participation Question: What do you think political science entails & how does it differ from civics?
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## What is Political Science?

- ► Participation Question: What do you think political science entails & how does it differ from civics?
- Importance of theoretical models to explain observed political phenomena
- Scientific method to evaluate models:
  - Observables
  - ightharpoonup Formulating hypothesis explaining phenomena:  $\emph{IV} 
    ightarrow \emph{DV}$
  - ► Gathering *empirical* & *measurable data* to address hypothesis
  - Testing hypothesis & revisiting model (alternative explanations?)

## Ex: What explains how people vote in American elections?

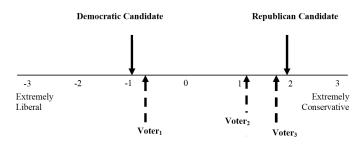
#### Spatial Model of Voters & Candidates



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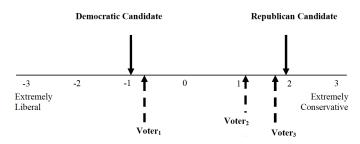
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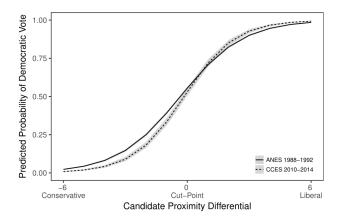
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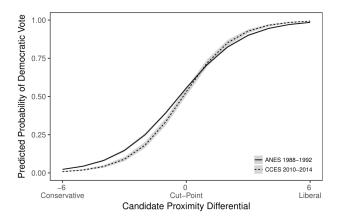
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- How would we test the hypothesis derived from model?

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Support for model?

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- Support for model?
- ▶ Will touch on other models of vote-choice later in the course...think like political scientists!

Fighting the Collective Dilemma:

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Principal-Agent Model & Delegation Problems:

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#### TPM LIVEWIRE

# Despite Opposing Sandy Relief, Cruz Calls For Federal Aid For Texas Flood



Constitutional Design of Articles of Confederation:

▶ Principal-Agent Dynamic: States → Central Government ?

## Constitutional Design of Articles of Confederation:

Course Overview

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- ► Loose confederation of states: unitary government with single legislature

Solving Collective Action?

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Why was this constitutional design a disaster?

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Solving Collective Action?

## Solving Collective Action? Articles of Confederation

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#### **Key Points:**

- Collective action problems shapes all political behavior, both in individuals and collective institutions.
- Collective action problems provide framework for our understanding of political behavior
- Allows us to make assumptions of rational political behavior by units of interest
- Institutions help mitigate collective action problems! But design critical to avoid principal-agent problems
- Institutions help shape incentives for responsive agents
- Institutional choice requires trade-offs between transaction costs & conformity costs