A multilevel model of Party Identification

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Contents

- 1.Theory
- 2.Model
- 3. Analysis: Perliminary results
- 4. Discussion and outlook

Theory: PID and Stereotypes

Stability in voting behavior → Partisanship

- Competing explanations for partisanship:
 - Michigan: Party Identification = Voters identify with party as "group object"
 - Rat. Choice: Party Evaluation = Voters have "running tally" of party performance
 - Concepts often mix in literature
 - Different roots in social psychology: PID → Social Identity, PE → Attitude
 - Greene: Partisanship is a social identity with partisan base in electorate
- Partisan stereotypes: Other identities are important, too
 - S. "describe" parties and partisan groups
 - S. link parties to attitudes and social groups (stable, public) → partisan coalitions
 - S. seem to guide individual to link personal identity to politics
 - Miller: Relation to groups influences relation to parties
 - Parties "care for" groups is modal way of thinking about politics

Theory: Interpersonal effects

- Most electoral research assumes individual choice
 - Many allusions of interpersonal effects → Resurgent interest
 - No unified framework yet → most work draws on Lazarsfeld
- Party Identification mainly treated as individual choice
 - "Traditional" interpersonal effect: Inheritance from parents
 - Growing evidence of continuous, wider social influence:
 - Spouses influence each other (Kohler, Zuckerman, Schmitt-Beck)
 - Children also influence parents (Zuckerman)
 - PID adjusts after spatial mobility (Brown, MacDonald/Franko)
 - Stability of PID depends on PID in circle of friends (Ikeda, Liu)

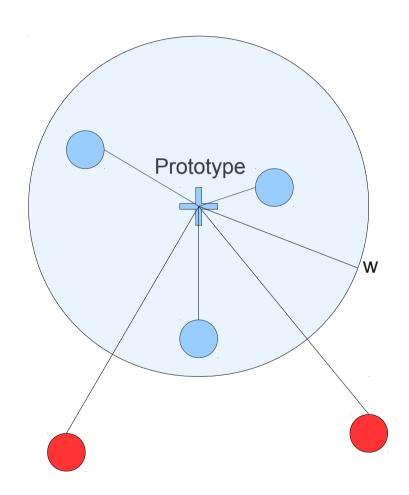
Theory: Interpersonal PID

- Social identity theory and social categorization
 - Social Identity: Part of self-concept derived from knowledge about group-membership; SI divides people into "us" and "them"
 - Groups are captured as prototypes of categories ("types of people" → fuzzy set of attributes, including attitudes)
 - Prototypes obey metacontrast
 - Main effects of Prototype-Salience:
 - Depersonalization → Changed perception of self and others
 - Acceptance of prototypical attitudes as own → convergence
- Relating PID to small groups:
 - SIT can be applied to small groups and large groups alike
 - "TAV": group exerts interpersonal influence but identity rests with large group
 - Identity may be inferred from observing others and via communication
 - Prototype describes group → no idiosyncracies → relates to large groups
 - Walsh: prototype = "lens" to view politics through and basis of political talk

Model: Categorization

Formalization of social categorization theory: Salzarulo (2004, 2006)

- Individuals as points in space
- Categorization based on distance
- Given a prototype → Group-membership depends on average group size w
- Metacontrast: Prototypes should optimally describe groups
 - Miminize average distance of members to prototype
 - Maximize average distance of non-members to prototype
- Both functions joined in prototypicality function P, weighted by repulsion a
- Prototypes = Maxima of P
- Group = all individuals whose closest prototype is the same



Model: Implementation

- Two levels: Agents define identities, signal attachment to parties on second level
- Agents
 - Vector of uniformly distributed elements → can be mutable ("opinions") or immutable ("traits")
- Social network (current implementation)
 - Square grid with periodic boundaries, Moore neighborhood
- Simulation algorithm
 - Agents picked randomly → find prototype, adopt opinions (not traits)
 - After each round
 - All agents signal attachment to parties based on prototype
 - Parties determine new stereotype for next round

Parties

- Parties act as hunters (good = repeat, bad = turn around) by modifying their stereotype
- Agents attach with probability proportional to distance party from own prototype
- Movement of parties traces out the partisan stereotypes feasible on agent population

Analysis: Preliminary results

- Currently exploration of model behavior
 - Two phases identified by Salzarulo (2006) in 1D for opinions:
 - Homogeneous phase: Agents converge around central opinion
 - Polarized phase: Agents diverge to extreme ends of opinion scale
 - Analysis compares 2D-baseline case (two opinions) with PIDlike situation (one trait, one opinion)
- Main focus: Is model able to produce partisan coalitions,
 i.e. can we find situations in which parties try to appeal to subpopulations (esp. described by trait)?

Analysis

Opinion/trait space

- Baseline: Homogenization and polarization as in 1D → Agents move to center of opinion space and four corners, respectively
- Comparison: Homogenization and Polarization affect opinions but not traits → two dimensions act independently on agent level

Partisan stereotypes

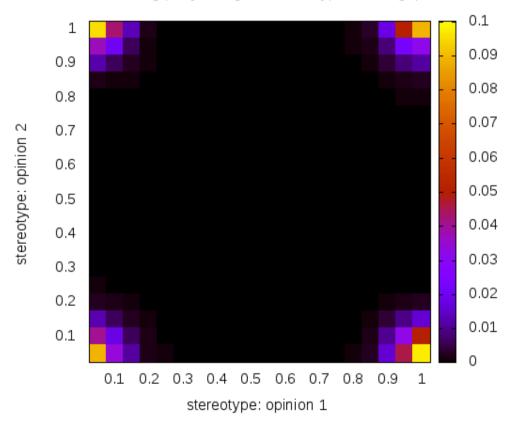
- Baseline: Stereotypes adapt to agent opinions
 - Homogeneous phase: Parties are drawn to the center
 - Polarized Phase: Parties follow agents to four corners

Comparison:

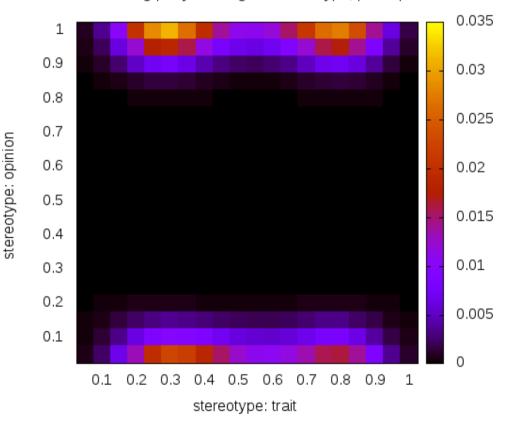
- Homogeneous phase: Parties are drawn to center → Traits do not enter partisan stereotypes as distinguishing element
- Polarized phase: two distinct maxima on trait dimension → Parties gain from appealing to subpopulations = coalition potential

Partisan stereotypes





Prob. of finding party with a given stereotype, polar. phase



Baseline case, polar. Phase a = 0.20, w = 0.40 Two opinions Comparison case, polar. Phase a = 0.20, w = 0.40 One trait, one opinion

Analysis

Prototypes

- Baseline cases: Agents get opinion from prototype
 → identical → no separate effect on signalling
- Comparison case:
 - Agents only adopt opinion → Prototype differs from agent position → group can affect agent signaling
 - Prototype depends on joint evaluation of all distances →
 Polarization → opinion dominates prototypicality function
 → trait aspects of prototype reflect this
- Small group causes emergence of coalition potential

Discussion and outlook

- Central theoretical aspects
 - Concrete mechanism: Party Identification from face-to-face contacts
 - Includes frequent observation of attitude convergence
- Central aspects from analysis
 - Polarization may induce effects on seemingly unrelated areas
 - → Parties fit to social structure may interact with attitudinal processes
 - Issues easier to control → Possible mechanism for "Cleavage politics"?
- Currently: Traits forced into stereotypes
 - Forceless mechanism lacking → Homophily, status reproduction etc.

Thank you for your attention

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