

# Filling in the Blanks in Patchwork Nation

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# Class Assignment

- *Patchwork Nation* (Gimpel and Schuknecht)
  - Non-random distribution of social context
  - Change over time
  - Paper project assesses writing, analysis and research skills
  - Students replicate state chapter of the book by
    - Looking at two points in time and determining if individuals are becoming more or less politically dispersed
    - Examine/hypothesize about the possible reasons *WHY*

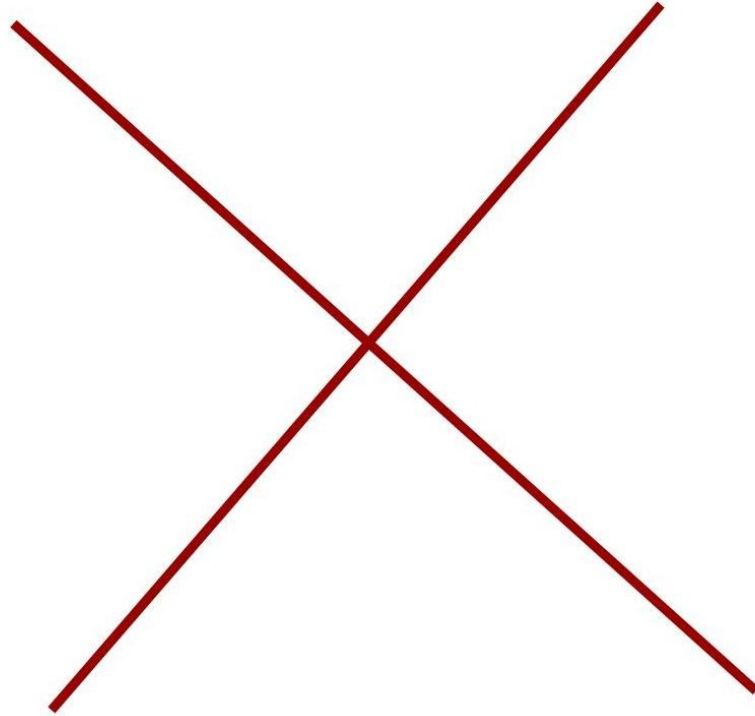
# Workshop Goals

- Workshop Goals:
  - More visual examples
  - Assess extent of spatial perspective capability from both theory and technical standpoints
  - Bring more quantitative methods of assessment into the curriculum

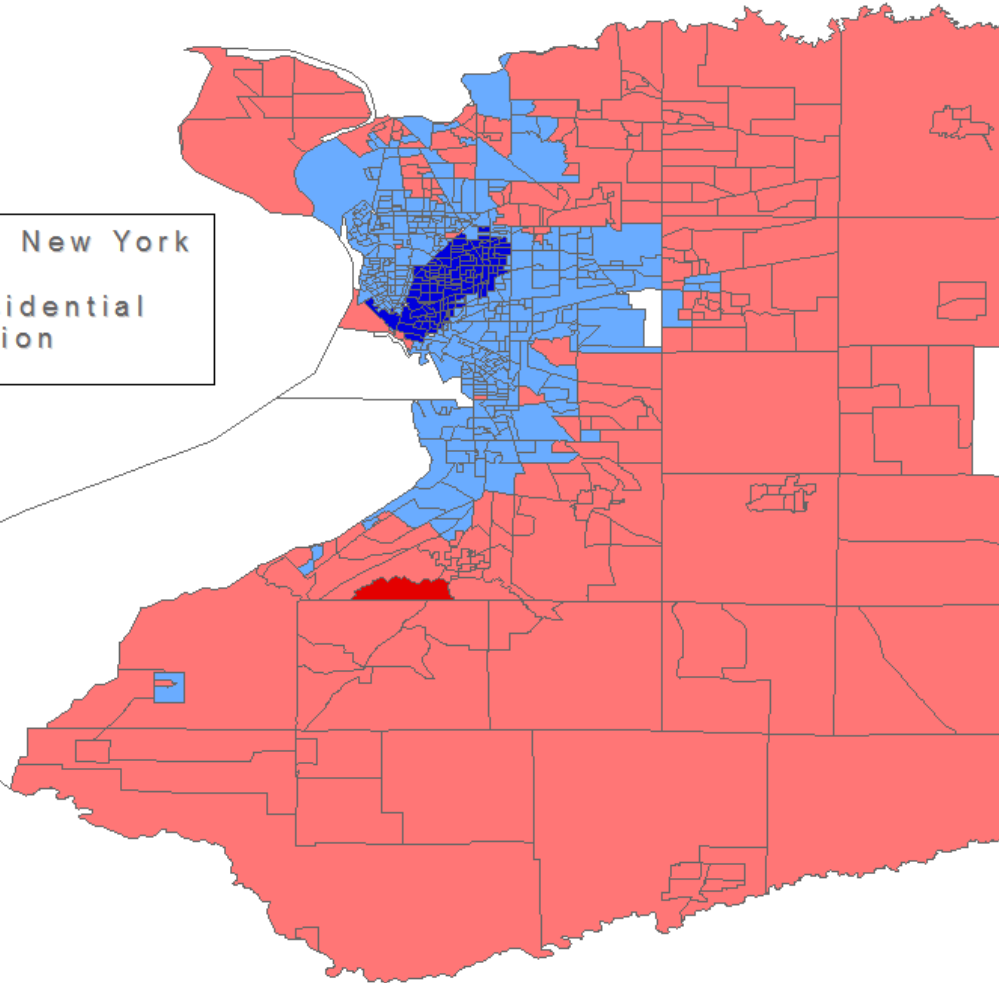
# Plan

- Choropleth mapping of states (by county) at two points in time
  - Currently students collect the data, but do not visualize it any meaningful way
  - Replace data collection component of the course with mapping/analysis component
- Changing the scale of analysis
- Moran's  $I$  as a teaching tool

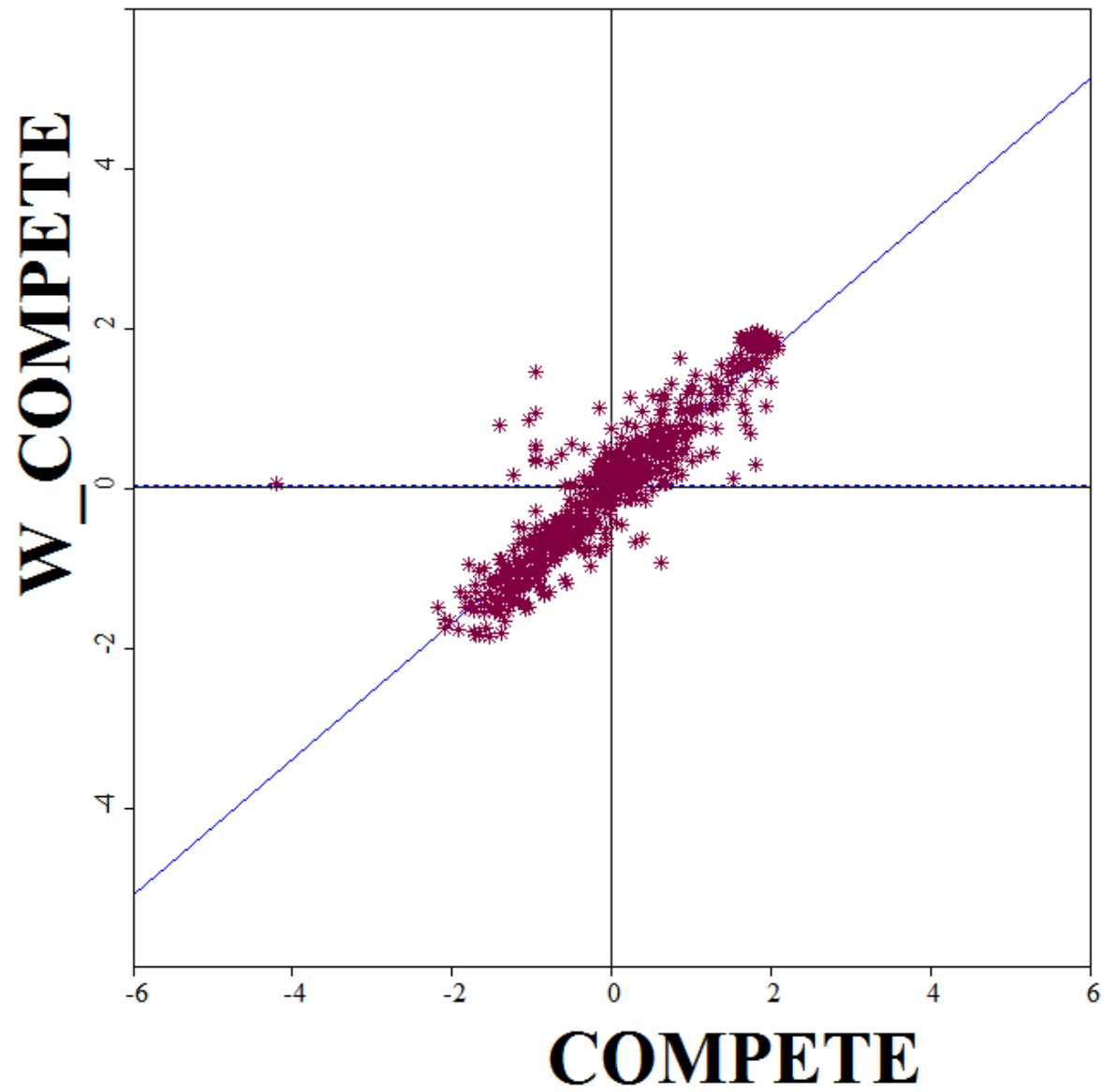
# County Analysis Slide



Erie County, New York  
2000 Presidential  
Election



Moran's I= 0.8534



# Extensions

- County data at two points in time
- Have students use GeoDa to map and compute Moran's I for counties at two points in time?
  - Point here is to assess polarization



# Other Ideas from the workshop

- Proposition 83 project



THE  
BIBLE

**BANNED**

**ALLOWED**

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