



# Interest Group Composition and Dissensus on the U.S. Supreme Court

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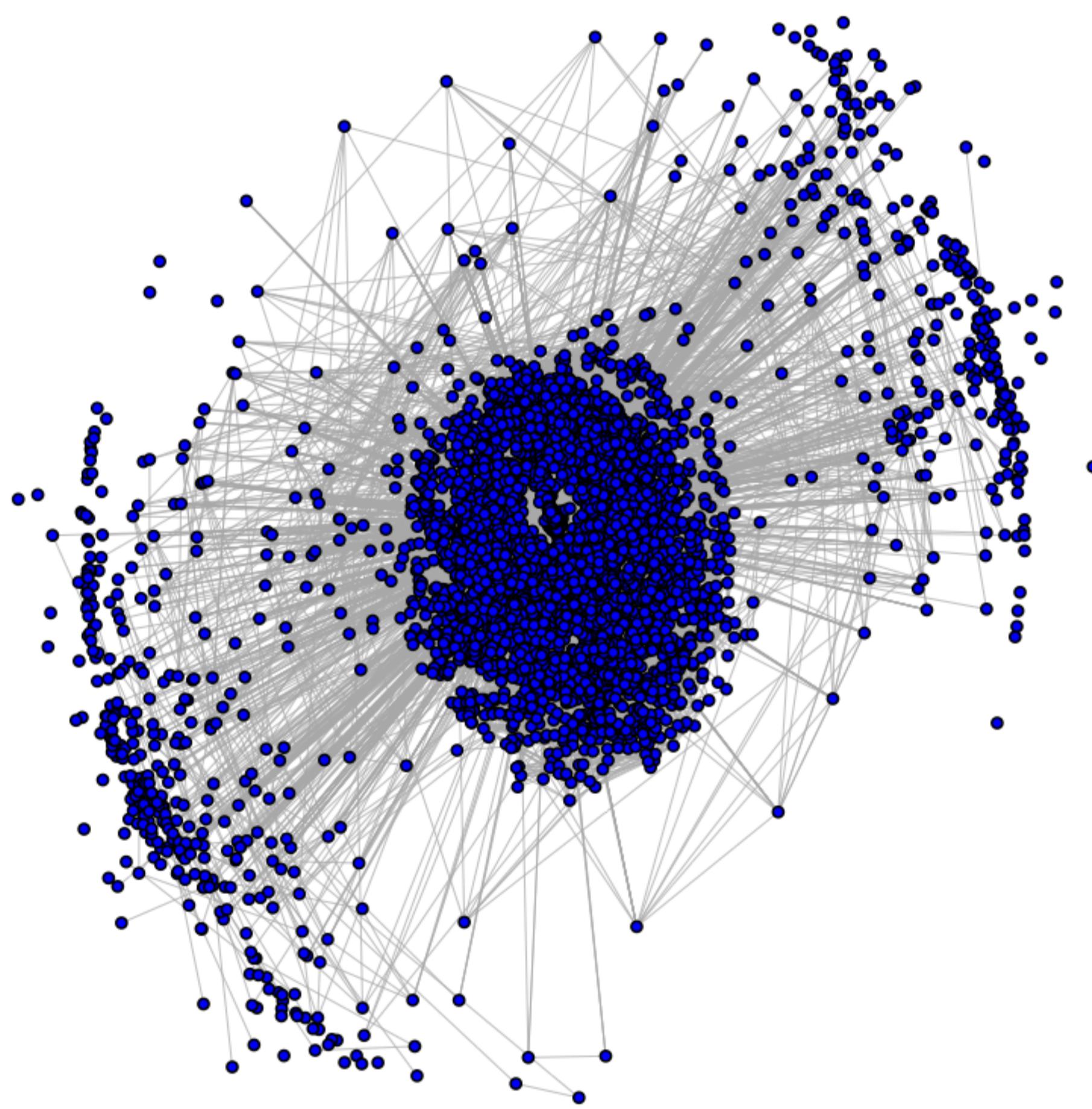
## Research Questions

- Is there a relationship between the composition of interest groups as cosigners of Supreme Court amicus briefs and judicial behavior?
- What kind of signals does the composition of interest groups send to Supreme Court Justices?
- Is there a tangible difference between the coalitional strategies of interest groups supporting the petitioners versus respondent litigants?

## Summary

- Research of amicus curiae briefs on Supreme Court cases has been instrumental in explaining litigation outcomes and judicial behavior (Collins 2008, Caldeira and Wright 1988).
- Moreover, research into the coalitional strategies of interest groups shows a strong correlation between the presence of powerful groups as cosigners of amicus briefs and its impact on judicial behavior (Box-Steffensmeier et al. 2013).
- Hence, the composition of Supreme Court amici has a representational value that impacts judicial behavior.
- Through network analysis, this study aims to contribute to our understanding of the relationship between interest groups' coalitional strategies and judicial behavior.

## Data

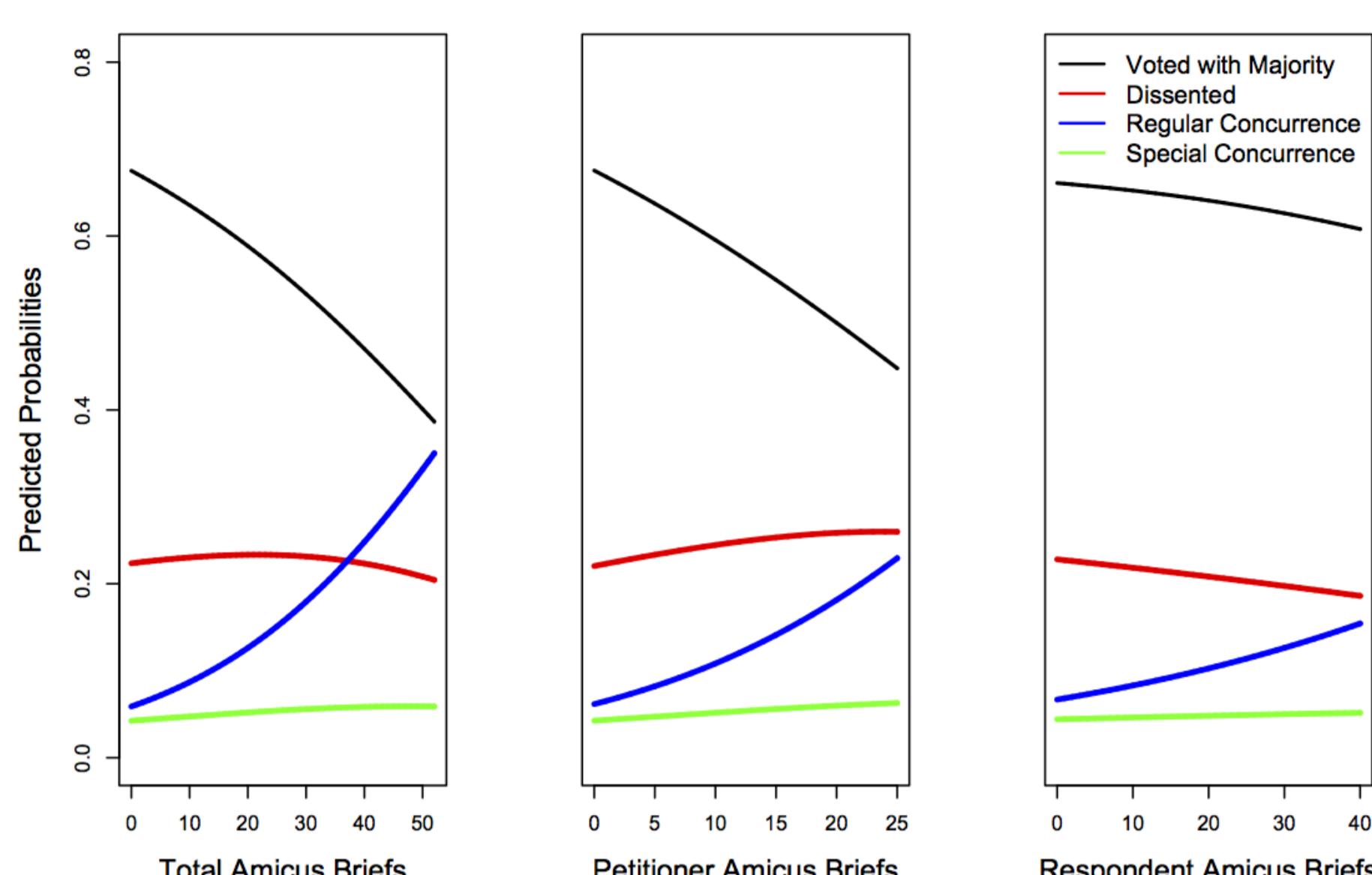


- US interest groups activity based on their cosigner status to United States Supreme Court amicus briefs.
- 503 US Supreme Court Cases decided between 2000 and 2010.
- 5,349 interest groups that signed onto 4,980 amicus briefs.

## Why Does this Matter?

- Break the court into its constituent parts, the Justices.
- Move beyond purely ideological explanations of judicial behavior.
- Revealing any differences between respondents and petitioner briefs, allows us to identify which aspects of group composition impact judicial behavior.

## Initial Observations



- Previous research into the impact of amicus briefs on judicial behavior finds that an increase in the number of briefs filed by each side is correlated with the likelihood that a justice will decide to write a separate opinion (Collins 2008).
- Disaggregating the number of briefs between petitioners and respondents shows an differential effect on judicial behavior for each side.

## Measuring Group Composition

### Heterogeneity Measure



Standard score of the raw count of groups' unique Standard Industrial Classification aggregated per case

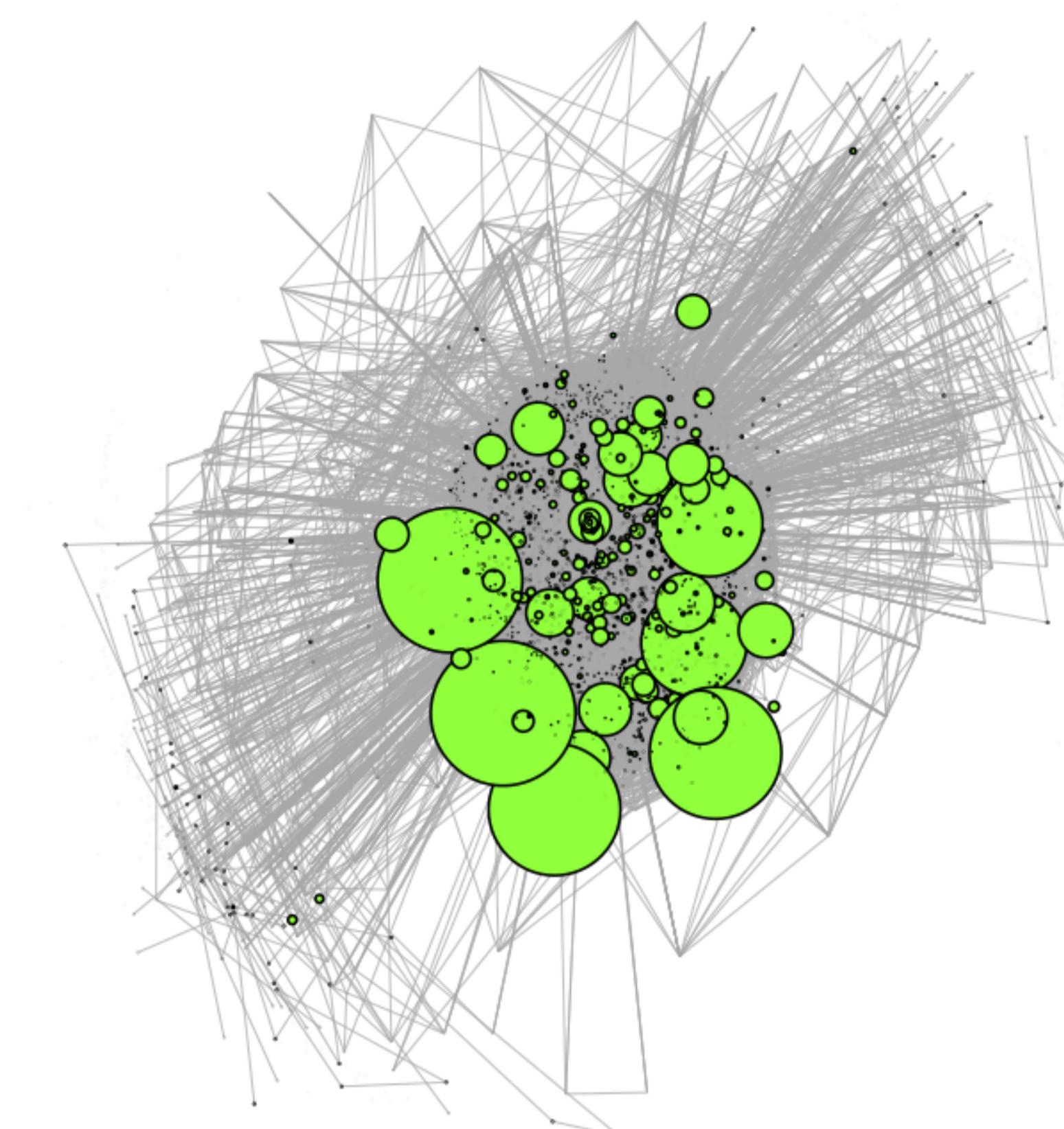
### Power Measure

$$c_i(\alpha, \beta) = \sum_j (\alpha - \beta c_j) R_{i,j}$$

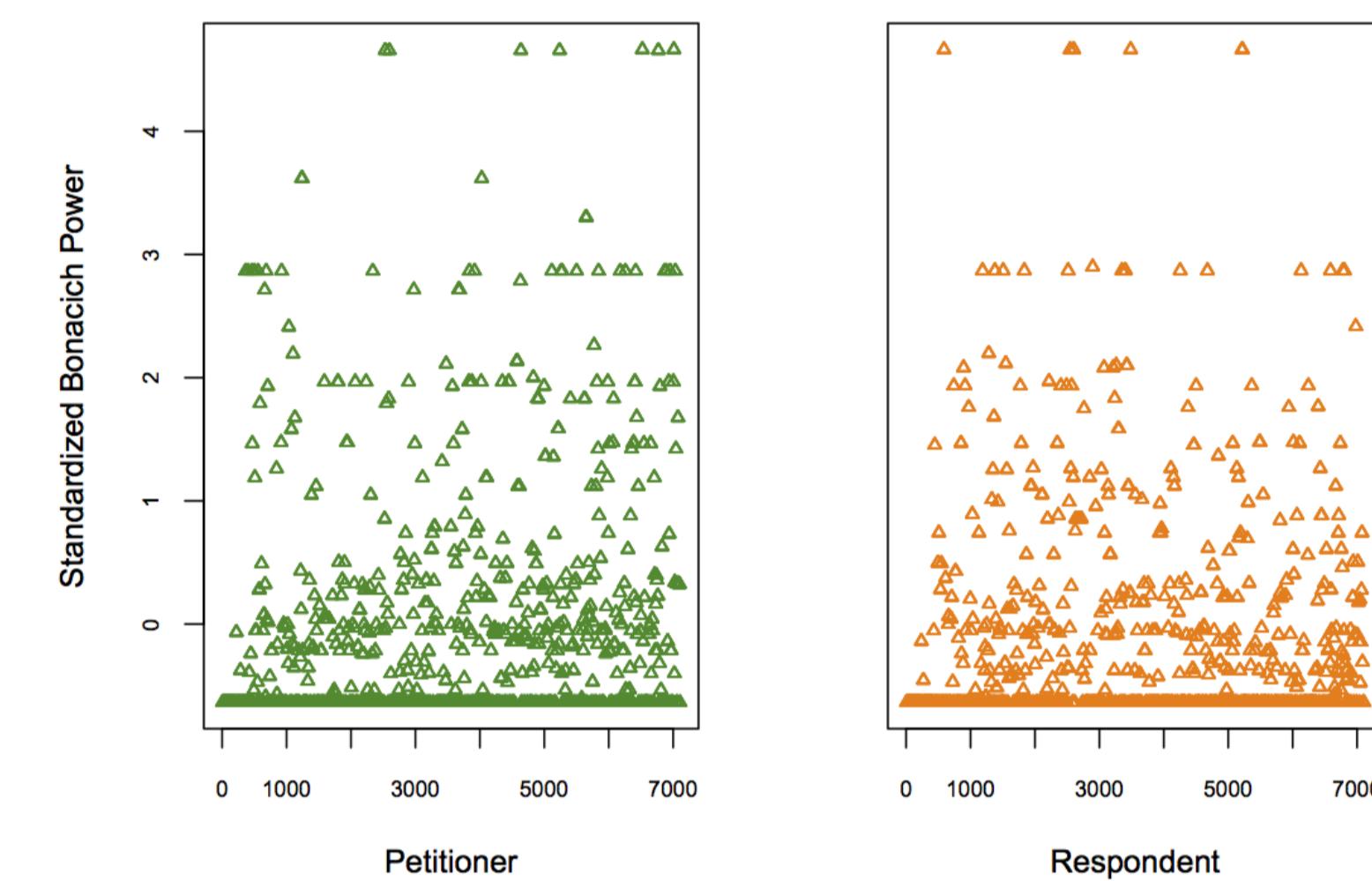
Bonacich's Centrality Measure: maximum centrality score for each case.

- Petitioner and Respondent Heterogeneity**, are standardized measures of the unique count of SICs per case for each side.
- A higher value for these variables means greater group heterogeneity, which is expected to increase the likelihood of a Justice's decision to write or join a separate opinion.
- Petitioner and Respondent Power** are Bonacich measures with a positive decay rate ( $\beta = 0.6$ ), which acts as a relative centrality measure.
- Network statistics allow us to create a composition measures that capture endogenous attributes based on how interest groups interact.

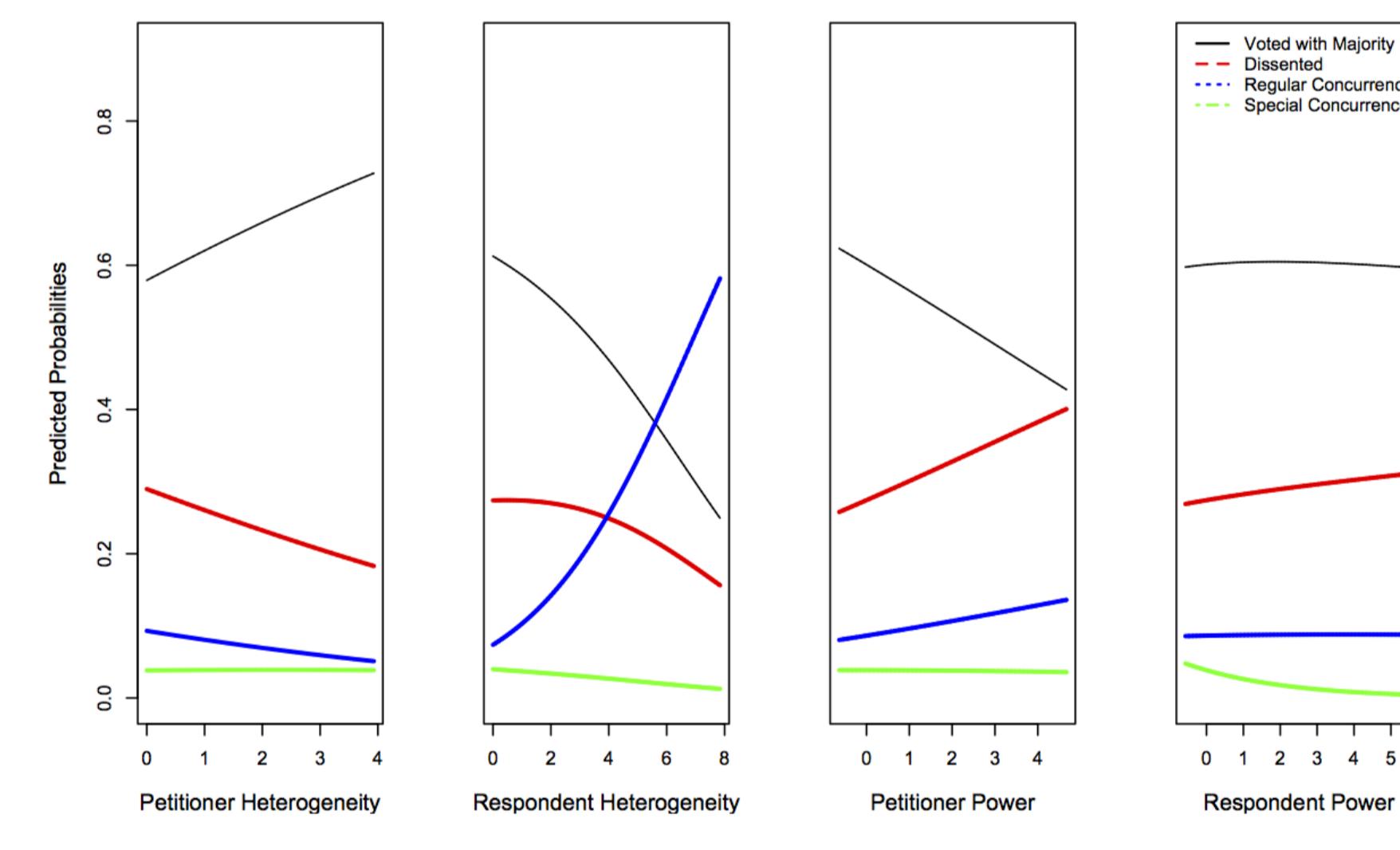
## Power Measure



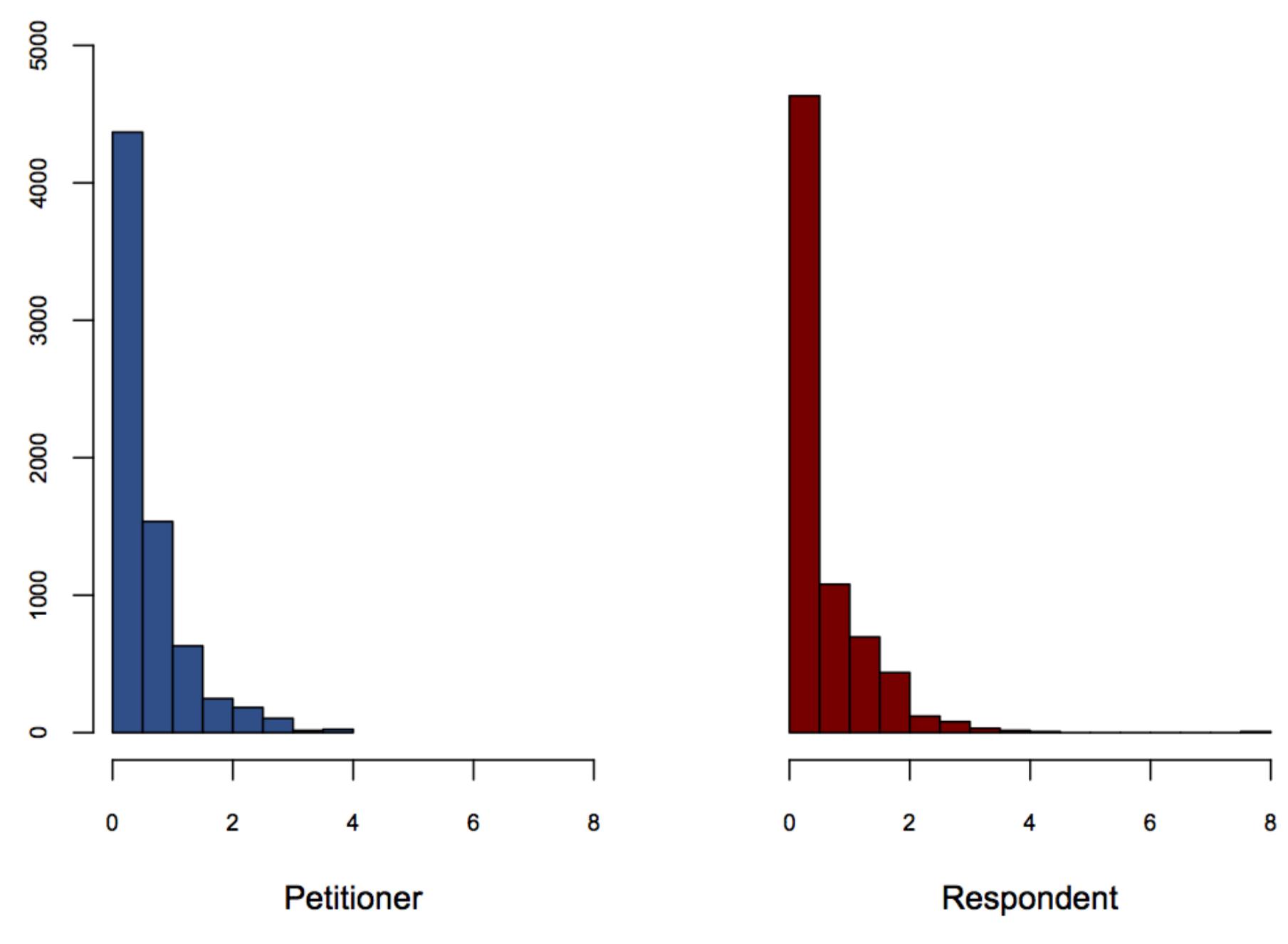
- Petitioners versus respondents:** there is a greater concentration of powerful groups on the petitioner side.



## Preliminary Results



## Heterogeneity Measure



- Petitioners are more concentrated at lower heterogeneity values, and have a range between 0-4.
- Respondents are more widely distributed, within a greater range of values, 0-8.

## Conclusions

- All groups do not send the same signals to the Justices.
- The signal is different depending on which side of the case it is coming from.
- For **respondents**, a higher heterogeneity score increases the likelihood of non-consensual behavior.
- For **petitioners**, groups that are particularly well connected and powerful within their networks have a greater influence on a Justice's decision to write or join a separate opinion.

## Next Steps

- Further explore endogenous differences in composition between petitioner and respondents through network analysis.
- Isolate differences in judicial behavior based on issue area, and major actors such as the Solicitor General.

## References

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- Caldeira, G.A. and J.R. Wright. (1988). American Political Science Review 82(4):1109-1127; • Bonacich, P. 1987. American Journal of Sociology 92(5):1170-1182.

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