

Comments from Avi

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Let F be National policy density and G be regional policy density.

Payoffs

$\alpha_i = 1$ if win national, 0 otherwise

$\beta_i = 1$ if win regional, 0 otherwise

$$u_i(\alpha_i, \beta_i) = \begin{cases} \alpha & \text{if } i \text{ is national} \\ \beta & \text{if } i \text{ is regional} \end{cases}$$

Weights

$$u_{nat} = w_{nat}\alpha_{nat} + (1 - w_{nat})\beta_{nat}$$

$$u_{reg} = w_{reg}\alpha_{reg} + (1 - w_{reg})\beta_{reg}$$

Current case

$$\lim(w_{reg}, w_{nat}) \rightarrow (1, 0)$$

suggestions

- What happens when $(w_{reg}, w_{nat}) \neq (1, 0)$
- What is the substantive interpretation? No such thing as a solely national party.
- What happens if G is ‘further away’ from F ?
- More parties?
- add policy motivation
- do regional parties co-locate away from the national median
- increase number of parties

Punchline

Median convergence fails