La coordinación

McCubbins-Rosenbluth

20-10-2025

Outline

El sistema electoral japonés clásico

SNTV = single non-transferable vote

- $M > 1$ pero $V = 1$
- Los M candidatos más votados resultan electos (sistema de pluralidad con ganadores múltiples)
- Japón hasta 1998, Taiwán, Sudcorea, Afganistán (elección judicial mexicana en algunos casos)

Problema de coordinación del LDP

Caso $M = 4$ donde

partido A	tiene	100	electores fieles
B		24	
C		11	

Dos problemas

1. ¿cuántos nominas?
   - Si B manda uno, A puede ganar cuatro
     ssi coordinación perfecta de votantes
   - Si B manda dos, puede elegirlos ambos
     si A se concentra en alguno
   - . . .
2. ¿cómo coordinas a tus votantes?

Problema de coordinación del LDP

Caso $M = 4$ donde

	partido	tiene		
partido	A	tiene	100	electores fieles
	B		24	
	C		11	

Dos problemas

1. ¿cuántos nominas?
   - Si B manda uno, A puede ganar cuatro
     ssi coordinación perfecta de votantes
   - Si B manda dos, puede elegirlos ambos
     si A se concentra en alguno
   - . . .
2. ¿cómo coordinas a tus votantes?

Problema de coordinación del LDP

Caso $M = 4$ donde

partido A	tiene	100	electores fieles
B		24	
C		11	

Dos problemas

1. ¿cuántos nominas?
   - Si B manda uno, A puede ganar cuatro
     ssi coordinación perfecta de votantes
   - Si B manda dos, puede elegirlos ambos
     si A se concentra en alguno
   - ...
2. ¿cómo coordinas a tus votantes?

Ministerios particularistas

EXPENDITURE ITEMS

GENERAL ACCOUNT
Prime minister's office
  Science and Technology Agency
    1. Promotion of research into peaceful uses for nuclear power
    2. Science and Technology Agency research laboratory
    3. Science and Technology promotion
  Hokkaido Development Agency
    4. Hokkaido road construction
    5. Hokkaido fishing port facilities
    6. Hokkaido housing construction industry
Ministry of Finance
  Ministry of Finance (internal)
    7. Supplement to People's Finance Corporation
Ministry of Education
  Ministry of Education (internal)
    8. National Treasury subsidies for educational expenses for the handicapped
    9. Supplements to private schools
Ministry of Health and Welfare
    10. Maintenance of environmental health and sanitation facilities
    11. Support for the disabled

Ministerios particularistas

EXPENDITURE ITEMS

GENERAL ACCOUNT
Prime minister's office
  Science and Technology Agency
    1. Promotion of research into peaceful uses for nuclear power
    2. Science and Technology Agency research laboratory
    3. Science and Technology promotion
  Hokkaido Development Agency
    4. Hokkaido road construction
    5. Hokkaido fishing port facilities
    6. Hokkaido housing construction industry
Ministry of Finance
  Ministry of Finance (internal)
    7. Supplement to People's Finance Corporation
Ministry of Education
  Ministry of Education (internal)
    8. National Treasury subsidies for educational expenses for the handicapped
    9. Supplements to private schools
Ministry of Health and Welfare
    10. Maintenance of environmental health and sanitation facilities
    11. Support for the disabled
    12. Welfare for the elderly
    13. Support for women
    14. Support for children
Ministry of Agriculture, Forestry, and Fisheries
    15. Fishing harbor facilities
    16. Strategic restructuring of agriculture
    17. Agricultural pensions
    18. Silk cultivation and horticulture promotion
    19. Diffusion of agriculture improvement
    20. Strengthening of wet rice agriculture
    21. Sugar price stabilization
    22. Strategic planning of food product distribution
Ministry of International Trade and Industry
  Ministry of International Trade and Industry (internal)
    23. Economic cooperation
    24. Promotion of industrial relocation
    25. Promotion of the computer industry
    26. Industrial plumbing facilities
  Agency of Industrial Science and Technology
    27. Promotion of mining and manufacturing technology
    28. Large-scale industrial research and development
    29. Agency of Industrial Science and Technology experimental research laboratory
  Agency of Natural Resources and Energy
    30. Measures for underground resources
  Small and Medium Enterprise Agency
    31. Measures for small and medium enterprises
Ministry of Transportation
  Ministry of Transportation (internal)
    32. Subsidies to account of Japan National Railway
    33. Subsidies to Japan National Railway Construction Corp.
    34. Subsidies for railroad track maintenance
    35. Coastline enterprises
    36. Subsidies for maritime transportation
    37. Stabilization of shipbuilding industry
Ministry of Posts and Telecommunications
    38. Integrated Telecommunications Research Lab
    39. Local Telecommunications Administration Bureau
Ministry of Labor
    40. Career change planning
    41. Labor Protection Office
    42. Employment Security Office
Ministry of Construction
  Ministry of Construction (internal)
    43. Strategic planning regarding crumbling of steep inclines and related expenses
    44. Coastline enterprises
    45. Housing construction
    46. City planning
    47. Work related to stream and river disasters
    48. Restoration of streams and rivers after disasters
Ministry of Home Affairs
  Ministry of Home Affairs (internal)
    49. Adjustment grants to cities, towns, and villages that are the sites of [defense] facilities

SPECIAL ACCOUNTS
    1. Foodstuff control
    2. Measures for the improvement of farm management
    3. Harbor improvement
    4. Airport improvement
    5. Road improvement

Ecuación

Para el ministerio particularista m en el año t

$$log(¥_{mt}) = \beta_0 + \beta_1 ¥resto_{mt} + \beta_2 \%LDP_{t-1} + \ldots + error_i$$

Hipótesis

Todo lo demás constante, $\beta_2 > 0$

Ecuación

Para el ministerio particularista m en el año t

$$log(¥_{mt}) = \beta_0 + \beta_1 ¥resto_{mt} + \beta_2 \% LDP_{t-1} + \ldots + error_i$$

Hipótesis

Todo lo demás constante, $\beta_2 > 0$