

# Party ideology and elections: an analysis of political-economic cycles in Brazilian states

## Ideología de partidos y elecciones: un análisis de los ciclos político-económicos en los estados brasileños

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### Contenido

1. Introduction
  2. Theoretical elements
  3. Methodology - Dynamic Panel Data Model
  4. Results of Estimations
  5. Final Considerations
- References

#### ABSTRACT:

The objective of this study is to analyze the political-economic cycles in the Brazilian states from 1995 to 2008. The theory was originally developed in the work of Downs (1957), Nordhaus (1975) and Hibbs (1977) who established the assumptions of the model of political-economic cycles. In the 80s of last century, the work of Alesina (1987) and Rogoff and Sibert (1988) incorporated the concepts of rational expectations and information asymmetry to the original models. The econometric model was used in dynamic panel data GMM system estimator. The estimation results show an increase of state spending in election years and show that this spending is adjusted in post-election years, showing an opportunistic behavior by governments. The results also showed that the spending of governments, that have different party ideologies, have different behaviors; left-wing parties promote further expansion of public spending.

**Keywords:** political-economic cycles, public expenditure; dynamic panel data; democracy.

#### RESUMEN:

El objetivo de este estudio es analizar los ciclos de política económica en los Estados brasileños de 1995 a 2008. La teoría fue desarrollada originalmente en el trabajo de Downs (1957), Nordhaus (1975) y Hibbs (1977) quienes establecieron los supuestos del modelo de los ciclos políticos económicos. En los años 80 del siglo pasado, el trabajo de Alesina (1987) y Rogoff y Sibert (1988) incorpora los conceptos de expectativas racionales y la asimetría de información a los modelos originales. Se utilizó el modelo econométrico en estimadores de sistema GMM de datos de panel dinámico. Los resultados de la estimación muestran un aumento del gasto en años de elección estatal y demostración que este gasto es ajustado en los años posteriores a las elecciones, mostrando un comportamiento oportunista por los gobiernos. Los resultados también mostraron que el gasto de los gobiernos, que tienen ideologías diferentes de partido, tienen diferentes comportamientos y son partidos de izquierda, promueven una mayor expansión del gasto público.

**Palabras clave:** ciclos políticos económicos, gastos públicos; datos de panel dinámico; democracia.

## 1. Introduction

The analysis of the relationship between economy and politics over time resulted in a greater understanding of how the political design affects the behavior of economic variables. Although

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## **Table of Contents Economic Analysis And Political Ideology E20**

1. Understanding the eBook Economic Analysis And Political Ideology E20
  - The Rise of Digital Reading Economic Analysis And Political Ideology E20
  - Advantages of eBooks Over Traditional Books
2. Identifying Economic Analysis And Political Ideology E20
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Economic Analysis And Political Ideology E20
  - User-Friendly Interface
4. Exploring eBook Recommendations from Economic Analysis And Political Ideology E20
  - Personalized Recommendations
  - Economic Analysis And Political Ideology E20 User Reviews and Ratings
  - Economic Analysis And Political Ideology E20 and Bestseller Lists
5. Accessing Economic Analysis And Political Ideology E20 Free and Paid eBooks
  - Economic Analysis And Political Ideology E20 Public Domain eBooks
  - Economic Analysis And Political Ideology E20 eBook Subscription Services
  - Economic Analysis And Political Ideology E20 Budget-Friendly Options

6. Navigating Economic Analysis And Political Ideology E20 eBook Formats
  - ePUB, PDF, MOBI, and More
  - Economic Analysis And Political Ideology E20 Compatibility with Devices
  - Economic Analysis And Political Ideology E20 Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Economic Analysis And Political Ideology E20
  - Highlighting and Note-Taking Economic Analysis And Political Ideology E20
  - Interactive Elements Economic Analysis And Political Ideology E20
8. Staying Engaged with Economic Analysis And Political Ideology E20
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Economic Analysis And Political Ideology E20
9. Balancing eBooks and Physical Books Economic Analysis And Political Ideology E20
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Economic Analysis And Political Ideology E20
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Economic Analysis And Political Ideology E20
  - Setting Reading Goals Economic Analysis And Political Ideology E20
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Economic Analysis And Political Ideology E20
  - Fact-Checking eBook Content of Economic Analysis And Political Ideology E20
  - Distinguishing Credible Sources
13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
14. Embracing eBook Trends
  - Integration of Multimedia Elements

- Interactive and Gamified eBooks

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