


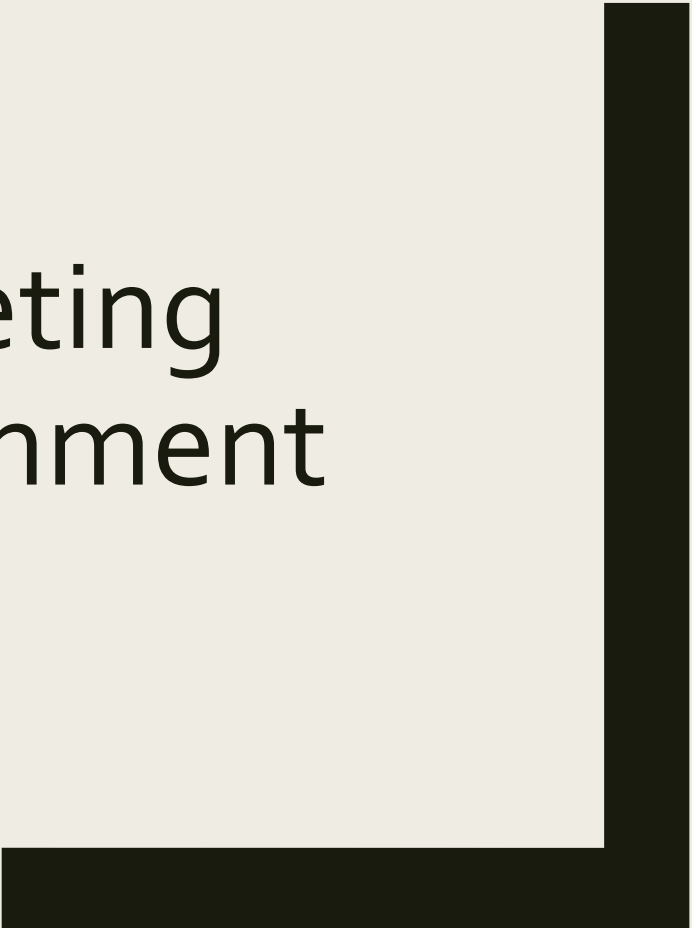
Policy Diffusion and Abandonment

PS239T Final Project

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What explains
Participatory Budgeting
diffusion and abandonment
in Brazil?





25 ANOS





1990

City of Porto Alegre, Rio Grande do Sul, Brazil
Participatory Budgeting Neighborhood Assembly



2012

City of Porto Alegre, Rio Grande do Sul, Brazil
Digital Participatory Budgeting



2012

City of Porto Alegre, Rio Grande do Sul, Brazil
Digital Participatory Budgeting

Tools

- R version 3.4.3 (2017-11-30) -- "Kite-Eating Tree"
 - *Cleaning and organizing*
 - dplyr
 - tidyr
 - Stringi
 - *Regression Analysis*
 - plm
 - *Graphs and Maps*
 - ggplot2
 - ggthemes
 - Ggmap
 - Rgdal
 - raster

Data sources

■ IPEAdata.gov.br:

Offers pre-treated data of various sources. Types of data selected:

- *electoral (TSE);*
- *demographic (IBGE);*
- *local public accounting (MF/STN) data.*

■ Participedia.net

- *Participatory Budgeting Census.*

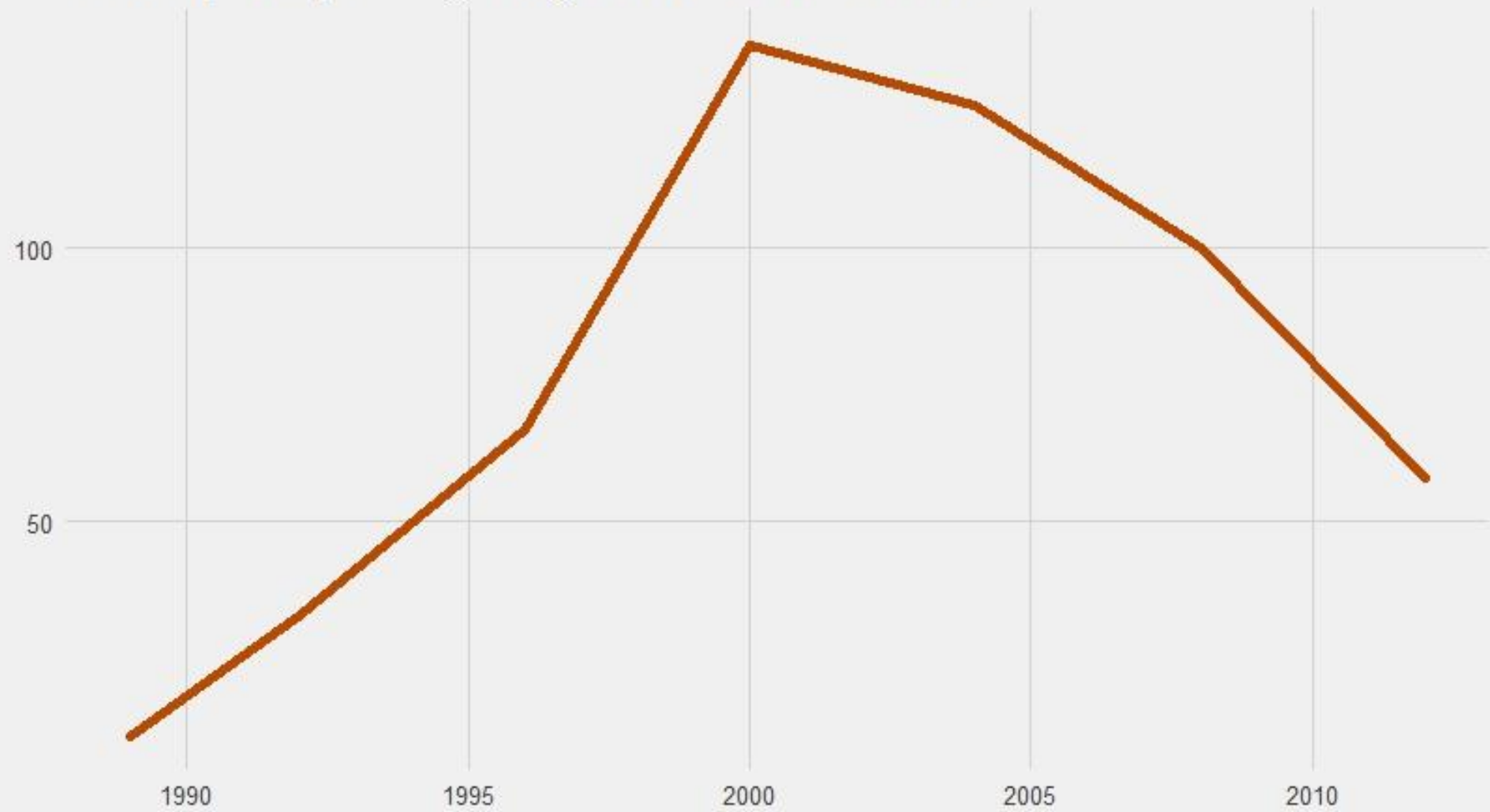
Collecting Data

- Data was downloaded manually.
- Original tables are separated per year and in a limited amount of variables.
- The effort was to standardize and put together 25 tables into one, based on our dependent variable.
 - *PB data is only for cities > 50.000 inhabitants ($n = 578$)*
 - *Original data was for all Brazilian cities ($n = \sim 5,570$)*

Final Dataset

- 'data.frame': 3468 obs. of 42 variables:
 - *Munic* : Factor w/ 574 levels "Abaetetuba","Abreu e Lima",....
 - *year* : num 1989 1992 1996 2000 2004 ...
 - *PB* : int 0 0 0 0 0 0 0 0 0 1 ...
 - *Longitude* : num 72.7 72.7 72.7 72.7 72.7 ...
 - *population* : num NA 48901 55233 64573 78785 ...
 - *partyelected* : chr NA NA "PMDB" "PPB" ...
 - *Budget.Revenue* : num NA 5844842 14508030 23507797 49061366 ...
 - *Budget.Expenditures* : num NA 6149173 16984035 20403637 40120585 ...

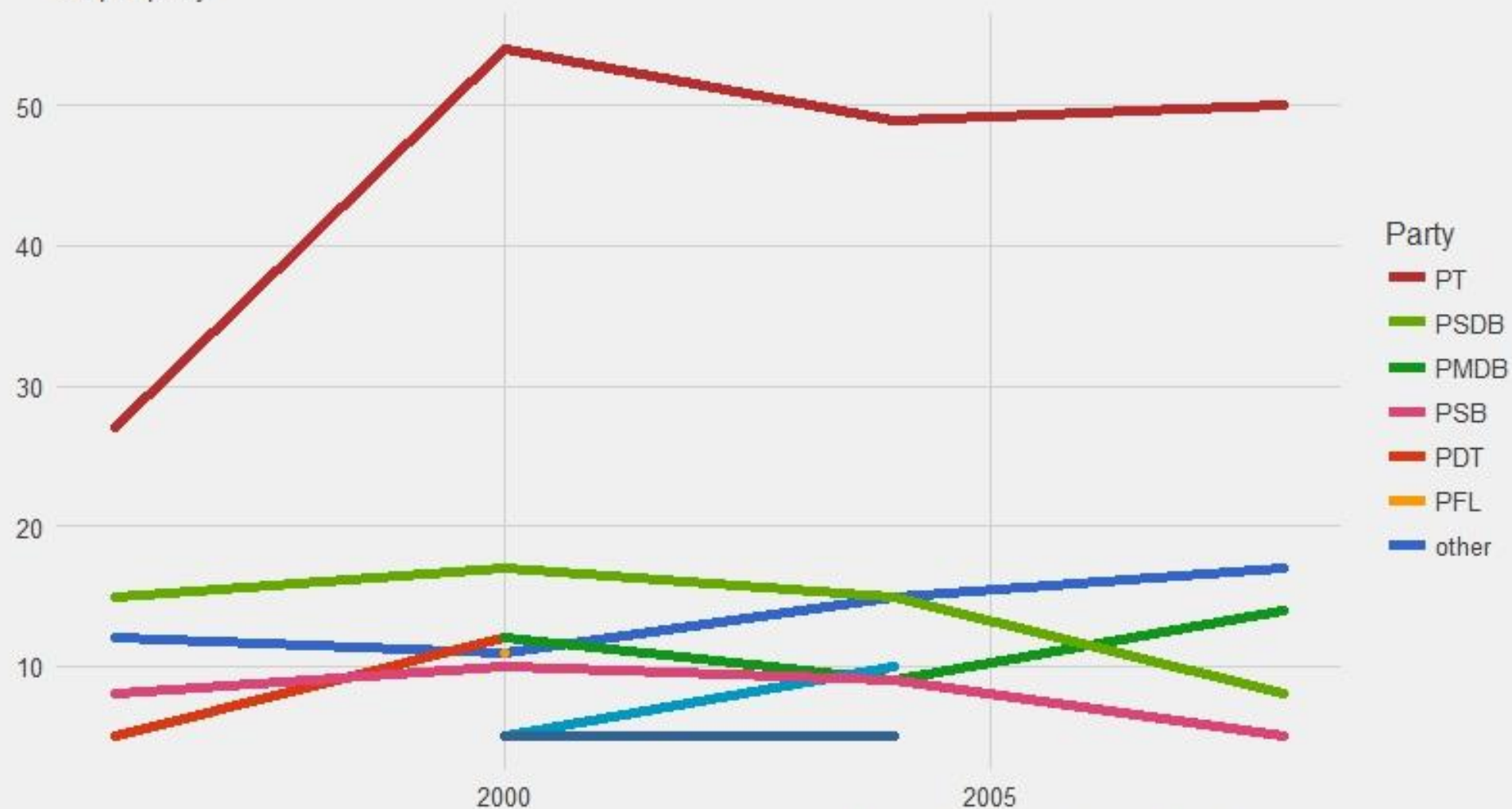
Participatory Budgeting in Brazil 1989-2012



Source: Paolo Spada PB Census

Participatory Budgeting in Brazil 1996-2012

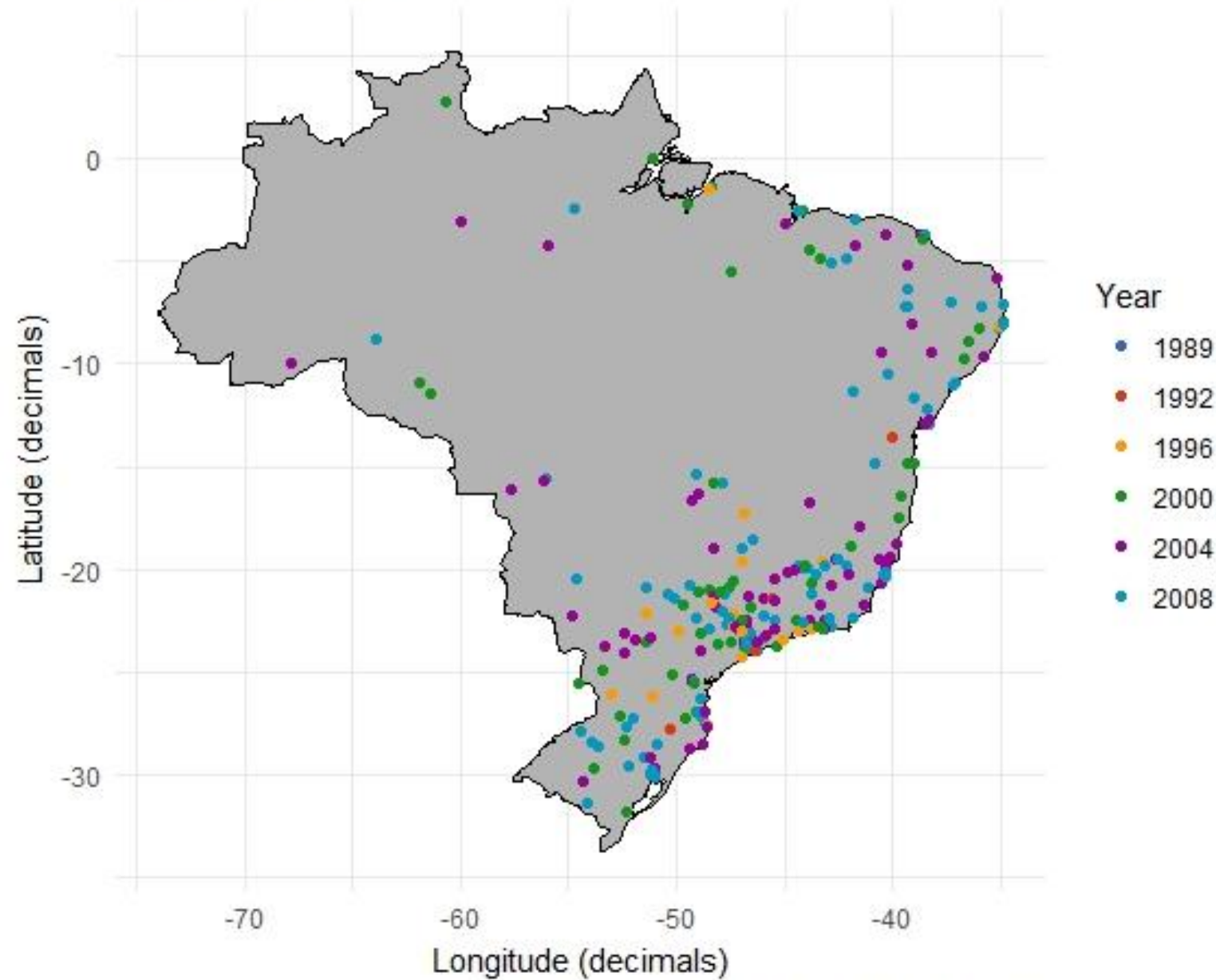
PB per party



Source: IPEAdata and Spada PB Census

Participatory Budgeting in Brazil 1989-2016

Geographical distribution



Source: IPEAdata and Spada PB Census

Diffusion and Survival Mechanisms

Before 2000-2004:

- PT and allied parties as promoters
- Geographical proximity

After 2000-2004:

- Government continuity
- Low Mayor vulnerability (votes+city council majority)

Survival Mechanisms

- Why did PT stop acting as a promoter?
- What is the role played by budget restrictions?
 - *Null results on Spada's original model*
 - *Testing new variables (capital expenditure)*

Next steps

- Descriptive graphs on budgetary data
- Running and plotting panel data regression results

Challenges

- Data collection on primary sources
- Creating the correct derived variables
- For maps plotting, merging data into shape files (for plotting states and municipalities borders)
- Running and plotting panel data regression results