The Burden of Election Logistics: Election Ballots and the Territorial Influence of Party Machines in Colombia

Dataset Codebook

The Journal of Politics, forthcoming.

Santiago ALLES
Voxel Consulting, Research Department
orcid.org/0000-0002-0872-0809
✉ santiago.alles@voxel-consulting.com
alles_santiago

Mónica PACHÓN
Universidad de los Andes, Departamento de Diseño
orcid.org/0000-0002-0223-3452
✉ mopachon@uniandes.edu.co
mpachoncv

Manuela MUÑOZ
Texas A&M University, Department of Political Science
orcid.org/0000-0002-8890-4535
✉ manuela.munozf@tamu.edu
MunozF_Manuela

This document describes the original data used in "The Burden of Election Logistics: Election Ballots and the Territorial Influence of Party Machines in Colombia."

The article's data comprises four separated data files. The following is a detail of the definition and sources of the variables of each data file.

SUGGESTED CITATION

When using this dataset, please cite:

> ALLES, Santiago, Mónica PACHÓN, and Manuela MUÑOZ. forthcoming. The Burden of Election Logistics: Election Ballots and the Territorial Influence of Party Machines in Colombia. *The Journal of Politics*.

GEOGRAPHICAL CONCENTRATION OF FACTIONS' VOTES: COLOMBIA, 1970-2002

General description: Concentration of votes by party faction and department, in Colombian House elections, between 1970 and 2002. It also contains about types of ballots, district magnitude, distribution of local revenues, guerrilla's and paramilitary's armed violence, and department census data.

File name: 'APM_GiniIdx_RepData.csv'

Variables:

department_name	<chr>	Department name
year	<num>	Election year
chamber	<chr>	Legislative chamber
department_code	<num>	DANE Department numeric code
fips_code	<chr>	FIPS Department code (see: FIPS 10-4 region codes)
iso_code	<chr>	ISO Department code (see: ISO 3166-2:CO)
party_code	<num>	Party numeric identifier
list_code	<num>	Faction numeric identifier
list_ID	<chr>	Faction unique ID
pres_cycle	<num>	Concurrence with presidential election (dummy variable)
gub_cycle	<num>	Concurrence with gubernatorial election (dummy variable)
assy_cycle	<num>	Concurrence with assembly election (dummy variable)
may_cycle	<num>	Concurrence with mayoral election (dummy variable)
Gini_idx	<num>	Faction's Vote concentration (Gini index)
Gini_wt	<num>	Faction's Vote concentration (weighted Gini index)
G_idx	<num>	Faction's Vote concentration (G-index)
reform	<num>	Reform adoption: Australian ballot = 1, party ballot = 0
magnitude	<num>	District magnitude
liberal	<num>	Liberal Party's faction (dummy variable)
conserv	<num>	Conservative Party's faction (dummy variable)
vote_pct	<num>	Faction's share of department votes (%)
n_mun	<num>	Number of municipalities in the department
n_parties	<num>	Number of running parties
nbi	<num>	Department's population with unsatisfied basic needs (%).

y_total_adj_pc	<num>	Amount of local revenues per capita (in 2016 constant COPs)
y_total_adj_gini	<num>	Concentration of local revenues between-municipalities
guerrillas_idx	<num>	Guerrilla Violence index
paramilitary_idx	<num>	Paramilitary Violence index
enp.votes	<num>	Department-level electoral fragmentation
population	<num>	Department's population
pop_density	<num>	Department's population density (inhabitants per km2)
area_km2	<num>	Department area, in square kilometers

Data sources: The Indexes of vote concentration as well as the other electoral variables in the dataset are elaborated based on: Mónica Pachón and Fabio Sánchez. 2014. *Base de Datos sobre Resultados Electorales CEDE, 1958-2011*. Documentos CEDE No. 012058. Bogotá, DC: Universidad de los Andes-CEDE. The department-level indicators of local revenues (y_total_adj_pc, y_total_adj_gini) are elaborated based on: Karina M. Acevedo and Ivan D. Bornacelly. 2014. *Panel Municipal del CEDE*. Documentos CEDE No. 012223. Bogotá, DC: Universidad de los Andes-CEDE. The Guerrilla Violence index and the Paramilitary Violence index are elaborated based on: CNMH. 2018. *Base de Datos del Observatorio de Memoria y Conflicto*. Bogotá, DC: Centro Nacional de Memoria Histórica. Figures of poverty, population and department's area come from DANE's census data.

WASTED VOTES IN HOUSE ELECTIONS: COLOMBIA, 1970-2002

General description: Percentage of Wasted Votes, aggregated by department, in Colombian House elections, between 1970 and 2002.

File name: 'APM_wVotes_dpt_RepData.csv'

Variables:

department_name	<chr>	Department name
year	<num>	Election year
chamber	<chr>	Legislative chamber
department_code	<num>	DANE Department numeric code
fips_code	<chr>	FIPS Department code (see: FIPS 10-4 region codes)
iso_code	<chr>	ISO Department code (see: ISO 3166-2:CO)
magnitude	<num>	District magnitude
D_wV	<num>	Percentage of wasted votes, aggregated by department

General description: Percentage of party votes not electing seats, by party and department, in Colombian House elections, between 1970 and 2002. It only includes major parties: Liberal and Conservative.

File name: 'APM_wVotes_mjP_RepData.csv'

Variables:

department_name	<chr>	Department name
year	<num>	Election year
chamber	<chr>	Legislative chamber
department_code	<num>	DANE Department numeric code
fips_code	<chr>	FIPS Department code (see: FIPS 10-4 region codes)
iso_code	<chr>	ISO Department code (see: ISO 3166-2:CO)
magnitude	<num>	District magnitude
party_name	<chr>	Party name
party_code	<num>	Party numeric identifier

waste_pct	<num>	Percentage of votes to party factions not electing seats
party_seats	<num>	Number of collected seats

Data sources: The Indexes of wasted votes are elaborated based on: Mónica Pachón and Fabio Sánchez. 2014. *Base de Datos sobre Resultados Electorales CEDE, 1958-2011*. Documentos CEDE No. 012058. Bogotá, DC: Universidad de los Andes-CEDE.

ELECTORAL PERFORMANCE ACROSS MUNICIPALITIES, IN TWO SELECTED CASES

General description: Municipality-level electoral performance of two selected Liberal Party factions in Antioquia (Colombian House elections, 1986 and 2002). Performance is measured by three indexes: Location Quotient index (LQ), Horizontal Cluster index (HC), weighted Horizontal Cluster index (HCwt).

The two selected cases correspond to the two Liberal factions represented in article's Figure 4.

File name: 'APM_LQIdx_RepData.csv'

Variables:

department_name	<chr>	Department name
year	<num>	Election year
chamber	<chr>	Legislative chamber
department_code	<num>	DANE Department numeric code
fips_code	<chr>	FIPS Department code (see: FIPS 10-4 region codes)
iso_code	<chr>	ISO Department code (see: ISO 3166-2:CO)
municipality_name	<chr>	Municipality name
municipality_code	<num>	DANE Municipality numeric code
party_name	<chr>	Party name
party_code	<num>	Party numeric identifier
list_code	<num>	Faction numeric identifier
list_ID	<chr>	Faction unique ID
LQ_idx	<num>	Location Quotient index (LQ)
HC_idx	<num>	Horizontal Cluster index (HC)
HCwt_idx	<num>	weighted Horizontal Cluster index (HCwt)

Data sources: The Indexes of electoral performance are elaborated based on: Mónica Pachón and Fabio Sánchez. 2014. *Base de Datos sobre Resultados Electorales CEDE, 1958-2011*. Documentos CEDE No. 012058. Bogotá, DC: Universidad de los Andes-CEDE.