Who dominates the Council of Bogotá and how?

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WHAT: Data Abstraction

Dataset:

In order to display our visualizations, Mr. Diego Laserna (our sponsor) gave us a dataset with all information related to Council of Bogotá election results 2015. This dataset don’t include null votes, white votes and invalid votes.

The he send us an e-mail with data from election results 2011, with more granularity level than 2015.

Dataset type: table.

WHAT: Data Abstraction

Main Attributes:

Viz1	**Año**	Categorical
	Partido	Categorical
	Zona	Categorical
	Candidato	Categorical
	Votación	Ordered quantitative
Viz2 - Viz4 - Viz5	**Zona**	Categorical
	Partido	Categorical
	Nombre	Categorical
	Votación	Ordered quantitative
Viz3	**Año**	Categorical
	Partido	Categorical
	Votación	Ordered quantitative

WHY: Task Abstraction

Dataset available encourages us to define tasks in abstract form, rather than the domain-specific way that users typically think about them. According this, we decide to lead our approach in next sense:

- To deploy which was the distribution of election results in a geographical context.
- To compare the results in different scenarios: Candidate vs Candidate, Candidate per region.

WHY: Task Abstraction

Specific Tasks:

T1: As a candidate where should I focus my next campaign?

T2: Identify other candidates similar to me that obtained more votes than me.

T3: Compare results between candidates from different periods and party.

T4: Present the difference of results by locality by candidate between 2011 and 2015.

T5: Locate the area where a political party is strongest.

- ***Insights: Which were the candidates more similar to me?***
  Which candidate is most closely match up with?
  Where do I must reinforce my electoral strategy?

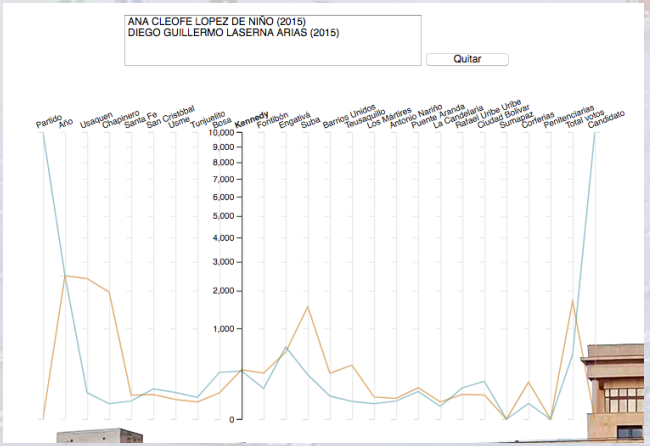
WHY: Actions

- Viz1: Analyze-Consume-Present / Search – Lookup / Compare: T3
- Viz2: Analyze-Consume-Present / Search – Lookup / Compare: T4
- Viz3: Analyze-Consume-Present / Search – Browse / Summarize: T5
- Viz4: Analyze-Consume-Present / Search – Lookup /Summarize: T3
- Viz5: Analyze-Consume-Present / Search – Lookup /Summarize: T1
- Votes Predictor! – Annotate / Compare

HOW?

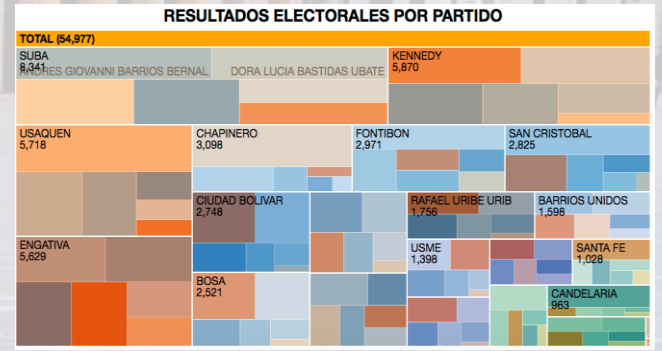
Choropleth maps: encode. Space: use given geometry for area mark boundaries. Color: sequential segmented colormap.

Parallel coordinates: encode. using connection marks, vertical spatial position expressing interaction location, containment marks for coregulated region groups



HOW?

Zoomable Treemap: Hierarchy marks – Idiom_treemap



Slope Graph: encode: arrange. Chanel: Position and angle.

Thanks!!!