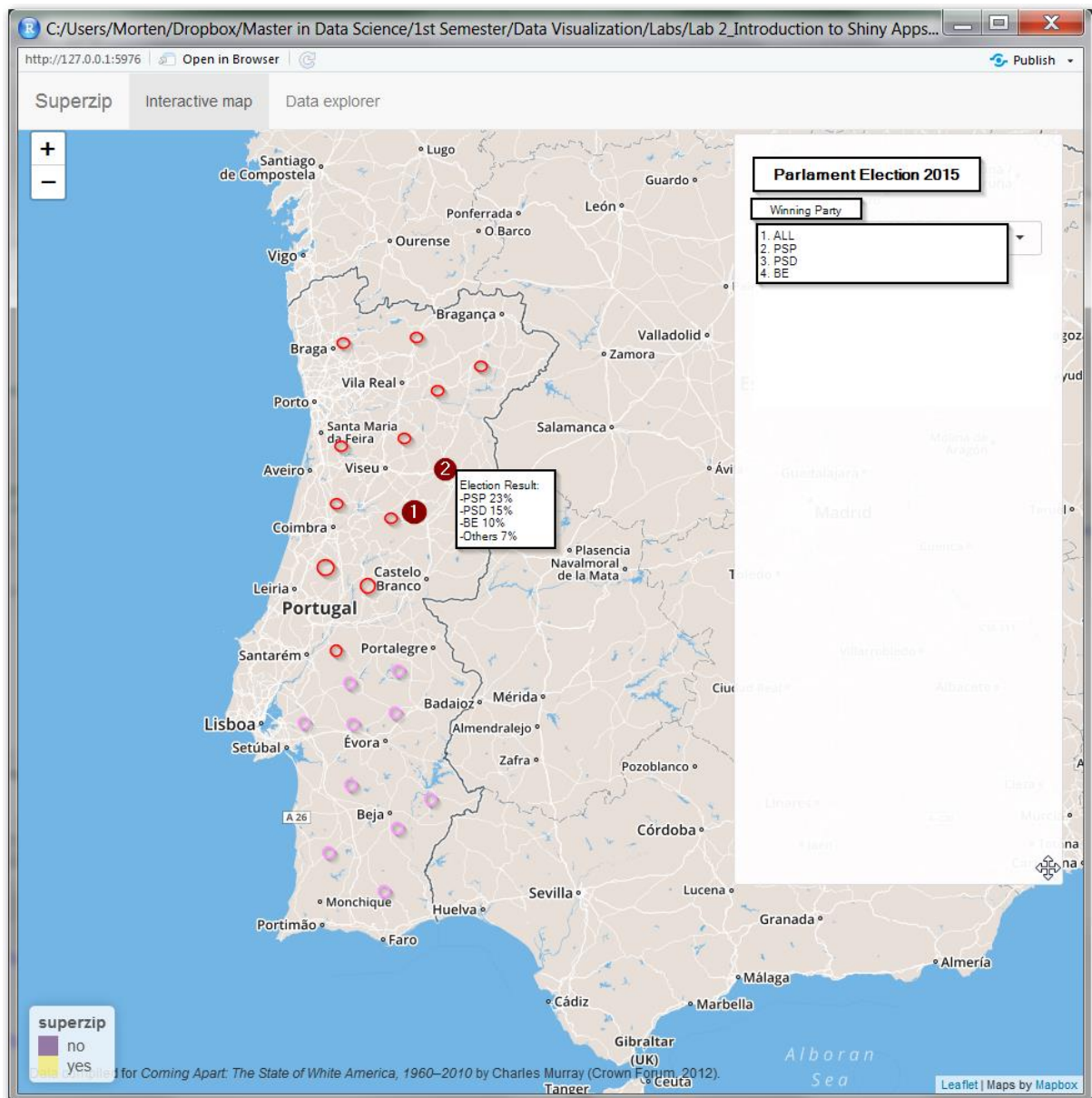


Minimum APP for Data Visualization

Considering the time we have left, we should focus on getting quickly something presentable, which in case we have time, could possibly enhance. However, the first priority should be to make one “minimum” APP fly as soon as possible, so we have something to hand in.

I took the super example as inspiration. I think we should create a map, which visualizes by default all winning parties in Portugal. On the right side there is a panel with a dropdown, where the user could select which winning party should be visualized on the map (this could potentially be enhanced with all parties and then visualizing the share of the total votes they got, but let’s focus first on keeping it simple).

As an interactive point I suggest, than once the user clicks on a circle (center point of a municipality), the entire election result is shown in percent.



Tab 2: „Data Explorer“

I think we should create two tabs (it is relatively easy and makes sense). In this second tab we simply give a table with all data that we have per municipality. I think with little bit of “offline” cleaning of the data this should be easy.

C:/Users/Morten/Dropbox/Master in Data Science/1st Semester/Data Visualization/Labs/Lab 2_Introduction to Shiny Apps...

http://127.0.0.1:5976

Open in Browser

Publish

Superzip

Interactive map

Data explorer

Municipality

Winning Party

Population

Fraction >65

Unemployment Rate

Average Income

Any other variable

1	Agawam	MA	01001	6115	60.37489	0	12293	22.06947	73.40212	42.141210386
2	Amherst	MA	01002	975	93.69713	0	14232	68.52867	82.63116	42.3651621007
3	Barre	MA	01005	6511	58.31555	0	3348	20.51971	73.19553	42.3287940058
4	Belchertown	MA	01007	3914	73.90479	0	8577	31.38627	79.51516	42.2799293554
5	Blandford	MA	01008	4922	67.29552	0	845	25.79882	77.63875	42.1784605643
6	Brimfield	MA	01010	4540	69.76566	0	2252	27.79751	78.38147	42.1100459473
7	Chester	MA	01011	7461	53.51199	0	1392	20.97701	66.25217	42.2934237463
8	Chesterfield	MA	01012		61.43032	0	353	23.22946	72.73525	42.3930348416
9	Chicopee	MA	01013	16563	19.7488	0	15464	10.79281	52.71066	42.1604684428
10	Chicopee	MA	01020	11659	35.73232	0	20681	13.21019	61.70303	42.1787159045

Showing 1 to 10 of 31,713 entries

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...

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