

Wenshuai Ye

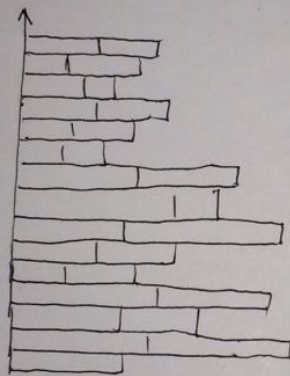
CS 171 HW#3 Design Studio

### Part I - Analysis

- People interested are primarily politicians, economists, governments.
- Politicians use it to make plans for the campaign. Whereas economists and governments use it to make policies.
- Fundamental Tasks: Compare the selected data votes of a certain period over against overall averages.

### Part II - Sketching

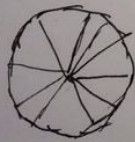
Idea 1:



Stacked Bar Chart:

Each bar contains two segments. The first denotes the average weight of this priorities, whereas the second one denotes the weight corresponding to a certain length.

Idea 2:

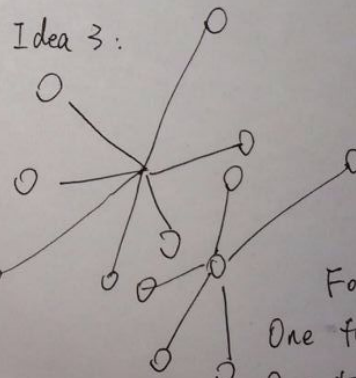


overall average



weights corresponding to a certain period

and  
length of the  
edges



Force layout.

One for average.

One for weights

corresponding to a  
certain period. The

Angle should adjust itself

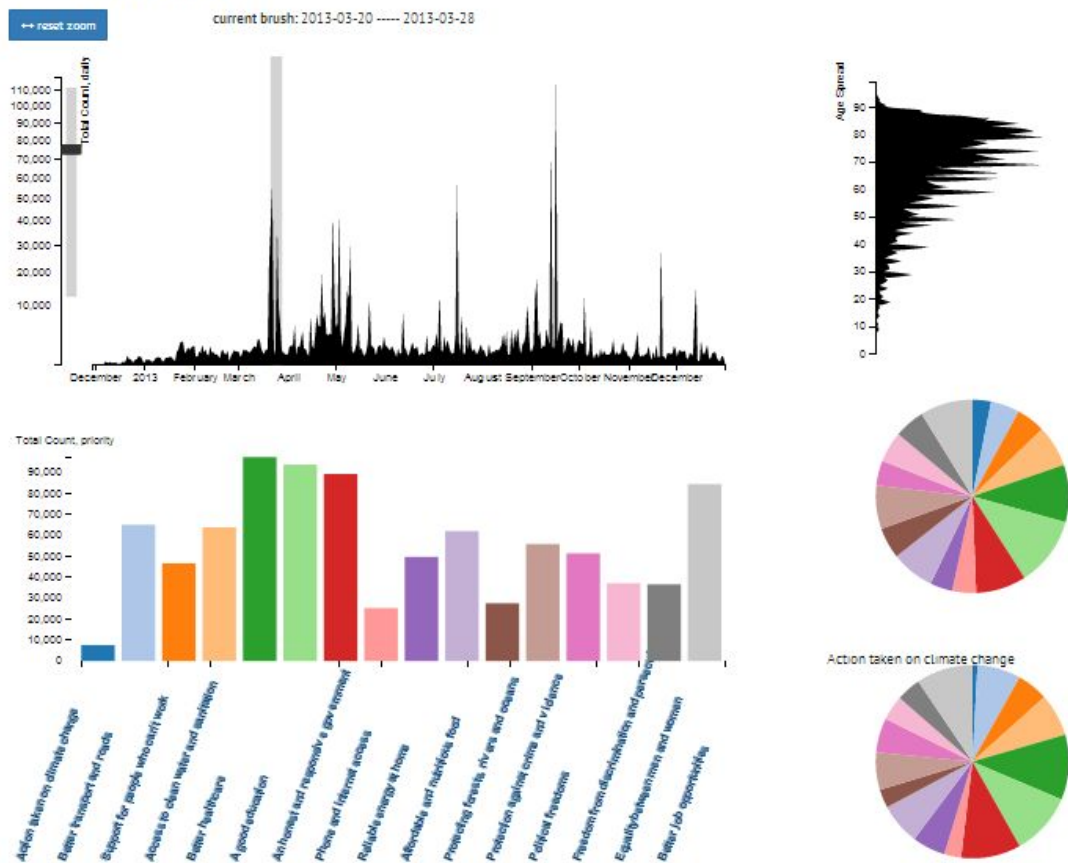
so that they stay in  
equilibrium.

### Part 3 - Reflection

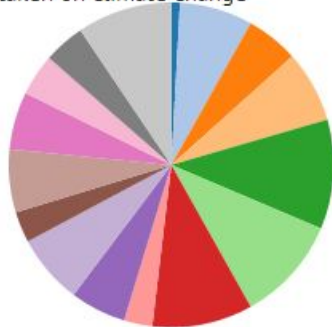
The first two ideas are relatively easy to implement, whereas the third idea is more challenging. Pie Chart is more intuitive than the stacked bar chart because pie chart allows one to compare the weights directly without changing the whole scale.



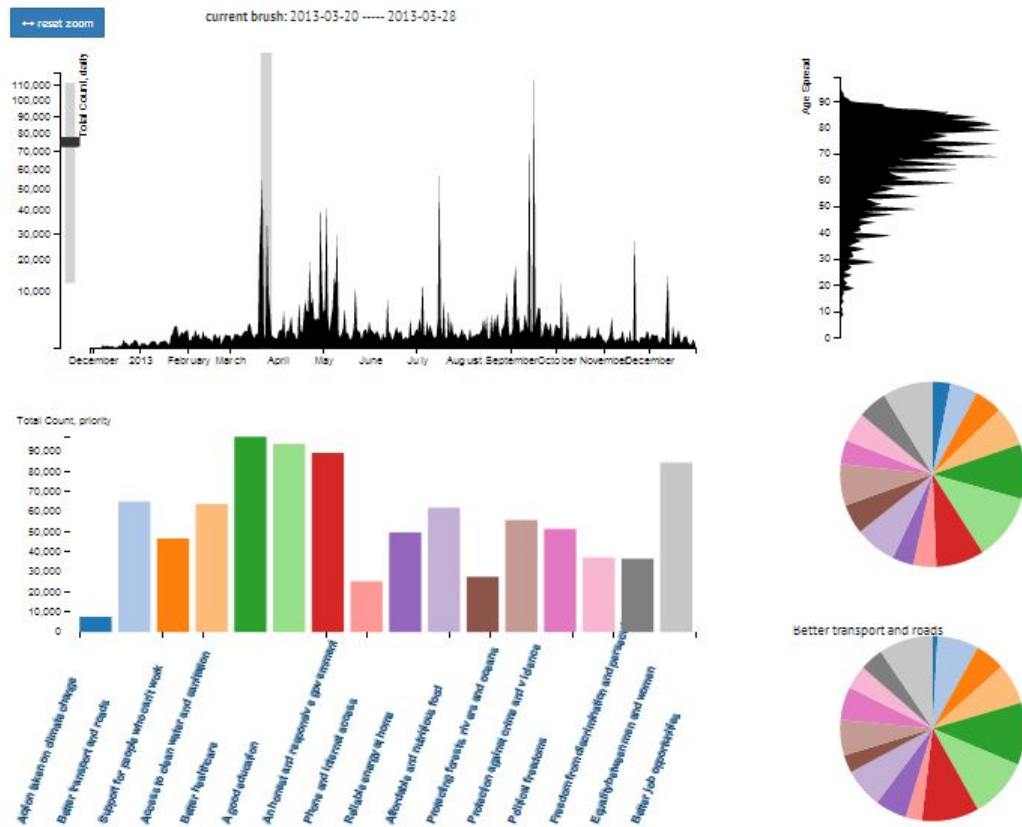
The following visualization shows you the votes for MyWorld 2015. You can select a time range to see changes in the distribution of votes and distribution of age of the voters.



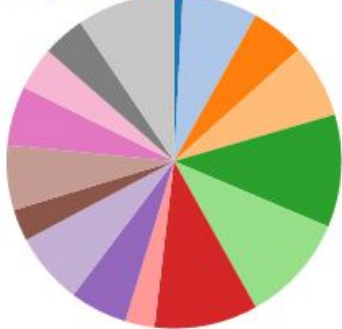
Action taken on climate change



The following visualization shows you the votes for MyWorld 2015. You can select a time range to see changes in the distribution of votes and distribution of age of the voters.



Better transport and roads



From the screen shot, we can find that in late March of 2013, people paid less attention to the priority of "Action taken on Climate Change" than the overall average. During this short period, they tend to shift their focus to the priority that addresses "Better Transport and Roads".