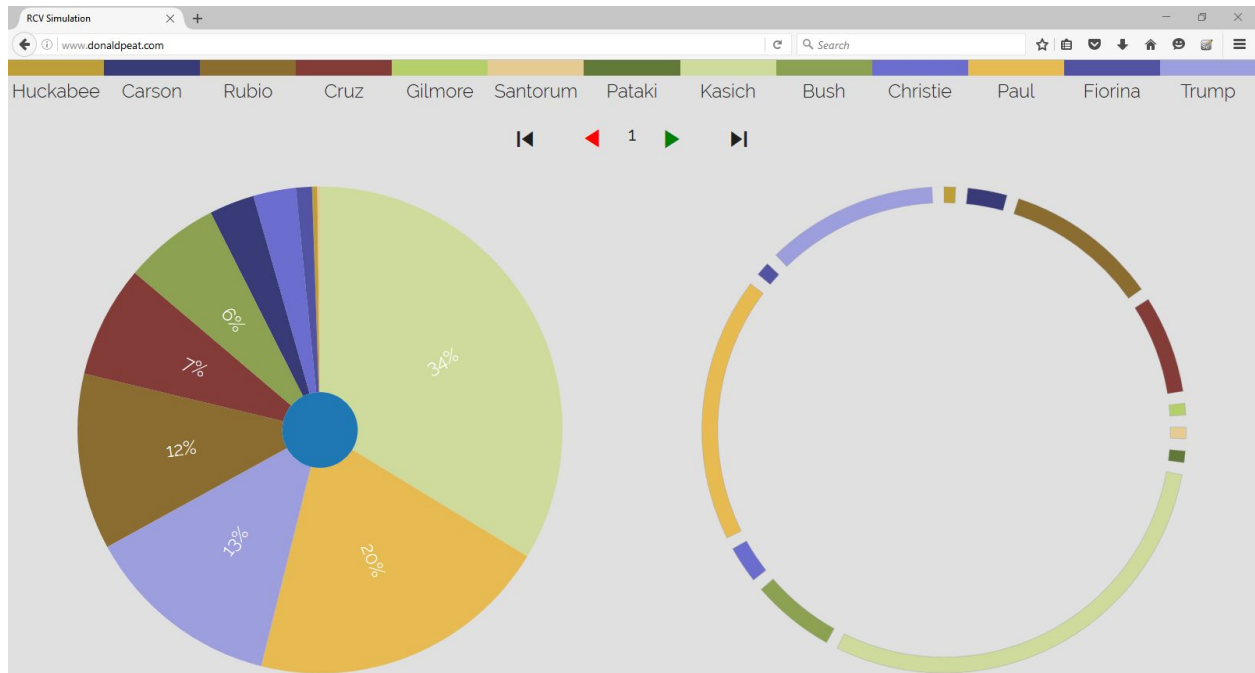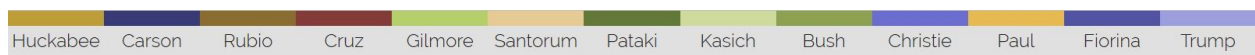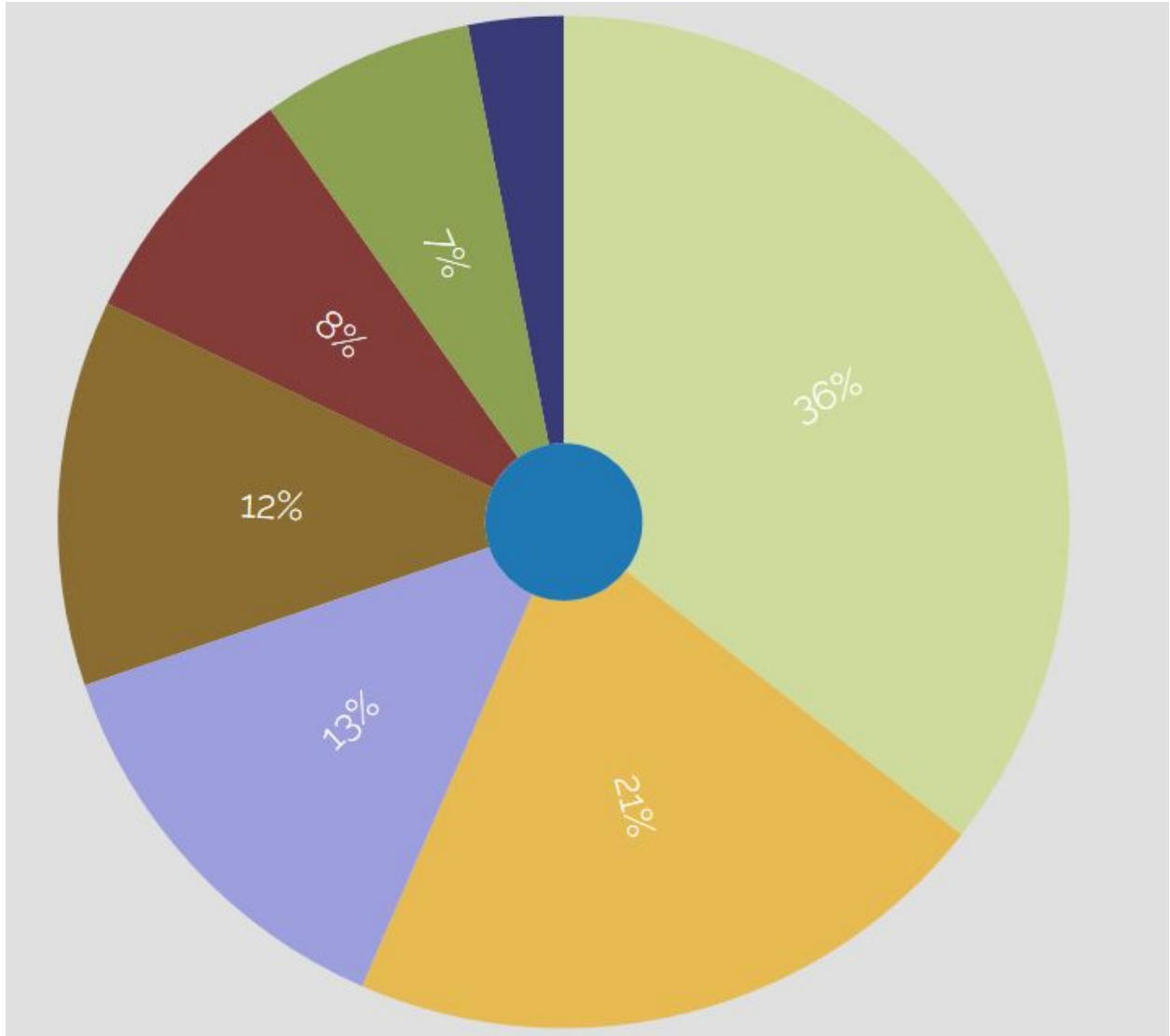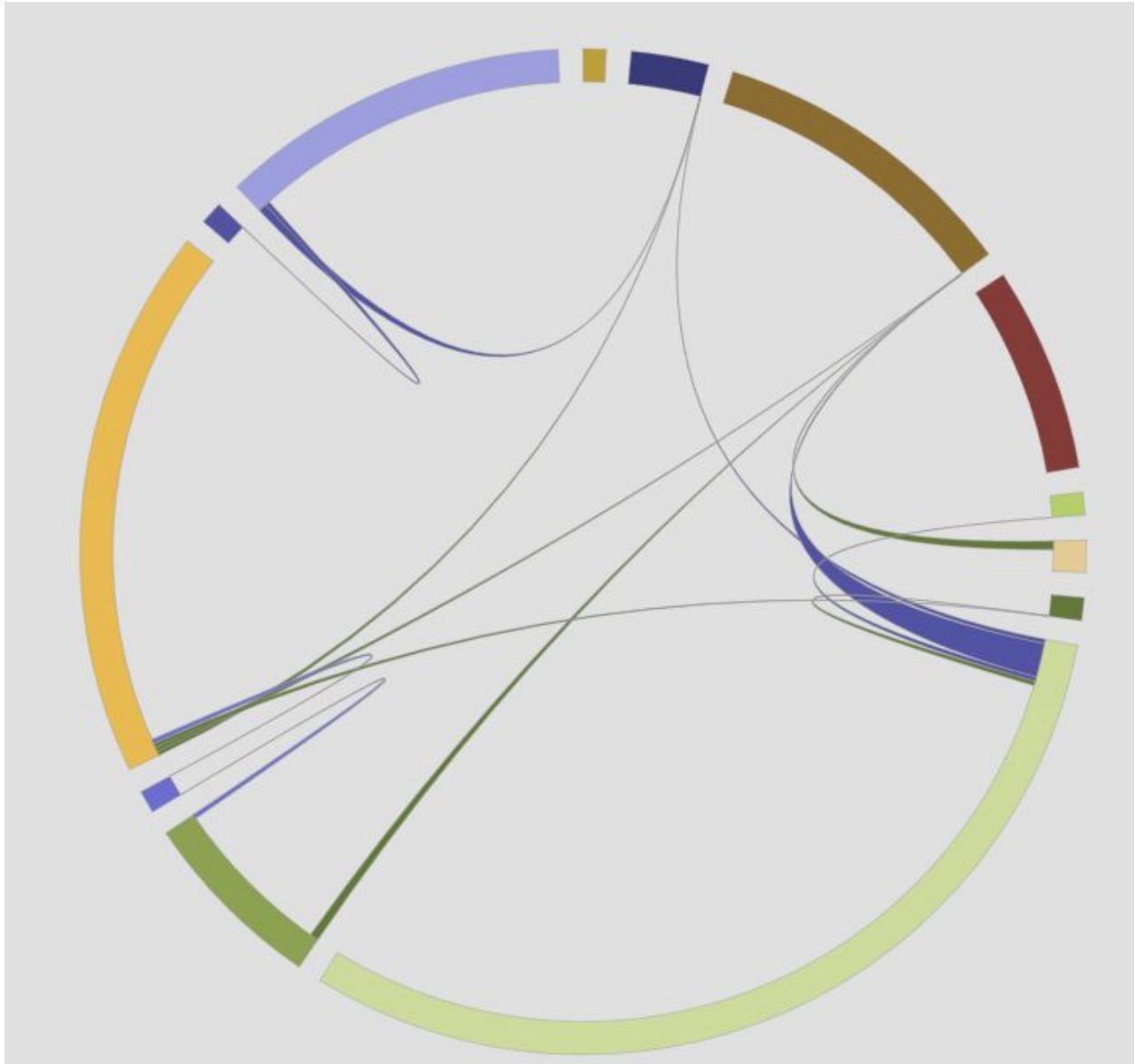# Website

Welcome to Ranked Choice Voting Simulator, the first web application that simulates ranked choice voting!

On the top of our website, you will see the legend, it contains all the candidates with their name and corresponding color.

On the left of our website, you will see the pie chart, the colors on the pie chart corresponds to the candidate based on their color and the percentage represents the percentage of the total amount of active votes.

On the right of our website, you will see the chord diagram, it shows information about ally votes, to be more specific, it shows the relationships among candidates who gives and receives votes.

In the between the two visualizations, we have four interactive tools for the users to play with.

The number in the middle of the four buttons represents the current number of rounds, in this example, we are currently in round 7. Every polls have different number of rounds, so it will obstruct the users from knowing the total number of rounds.

The first button is called go back to the beginning, when the user presses this button, the current round will be the first round and all the visualizations will be reset to the first round.
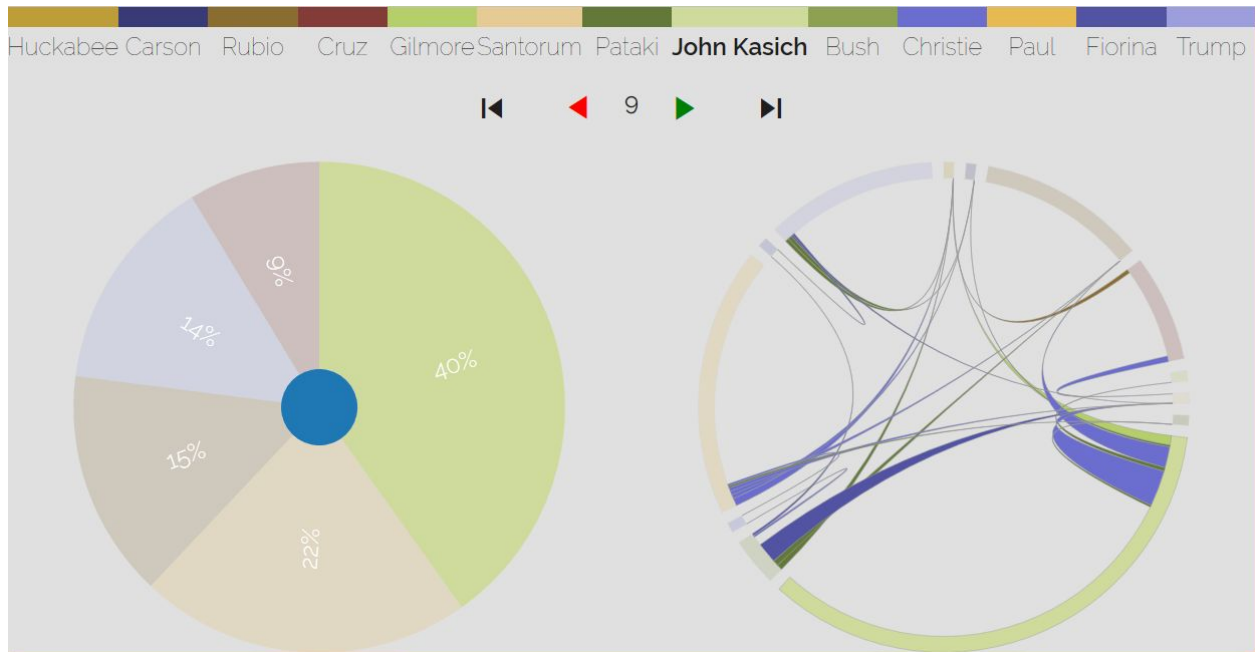
The second button is called play-back, when the user presses this button, the current round will be going back to the previous round, and all the visualizations will be adjusting to the previous round.

The third button is called play, when the user presses this button, the current round will be going to the next round, and all the visualizations will be transition to the next round.
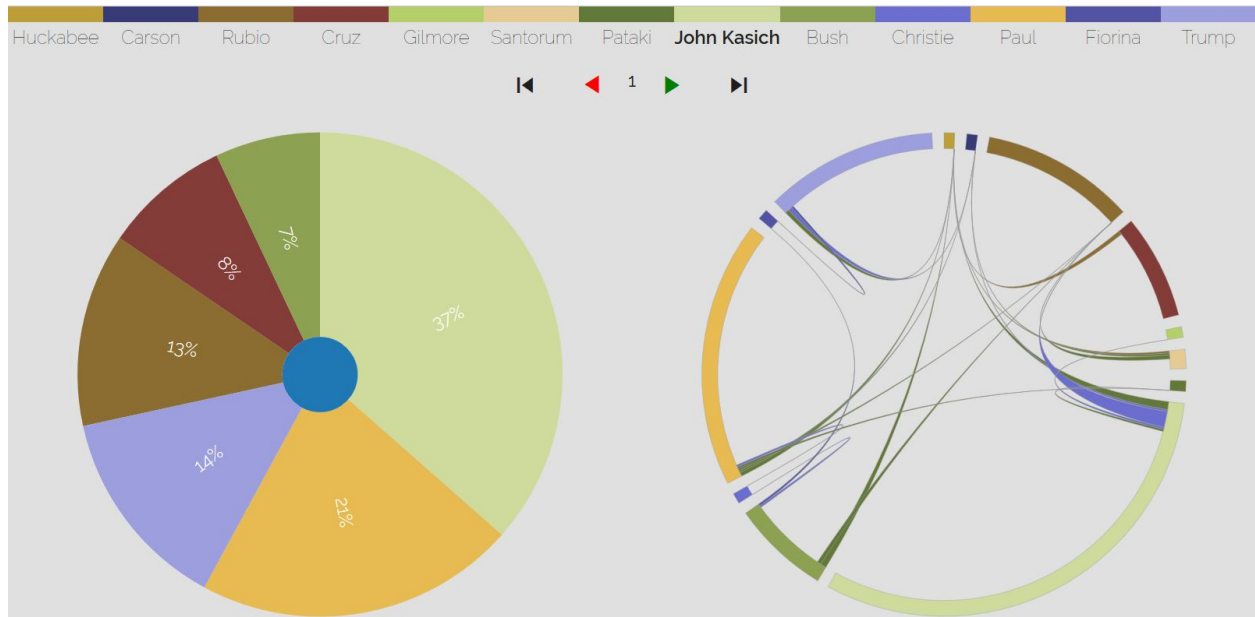
The last button is called skip to the end, when the user presses this button, the current round will be skipped to the last round, and all the visualizations will be showing the end results of the poll.

Extra Functionalities

Hover: When the user hovers over the candidate, every info related to that candidate will be focused, and the other candidates' info will be hinder from the view.

Candidate Removal: when the user clicks on any of the pie slices, that candidate will be removed from the rest of the rounds. The eliminated candidate's votes will go towards other candidates as ally votes.

Thank you for using ranked choice voting simulator, and we hope to give you a better understanding of ranked choice voting.