

OPPVIS: Visualizing Online Partisan Polarization of COVID-19

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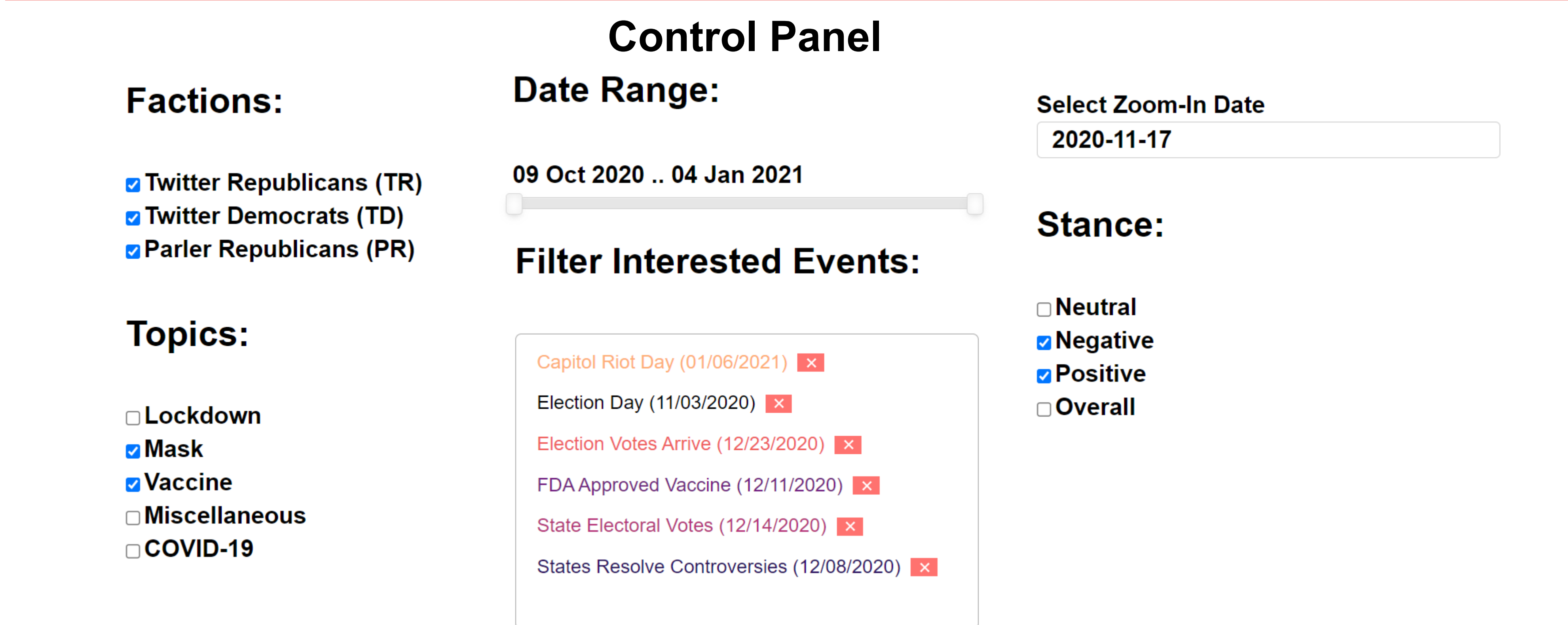
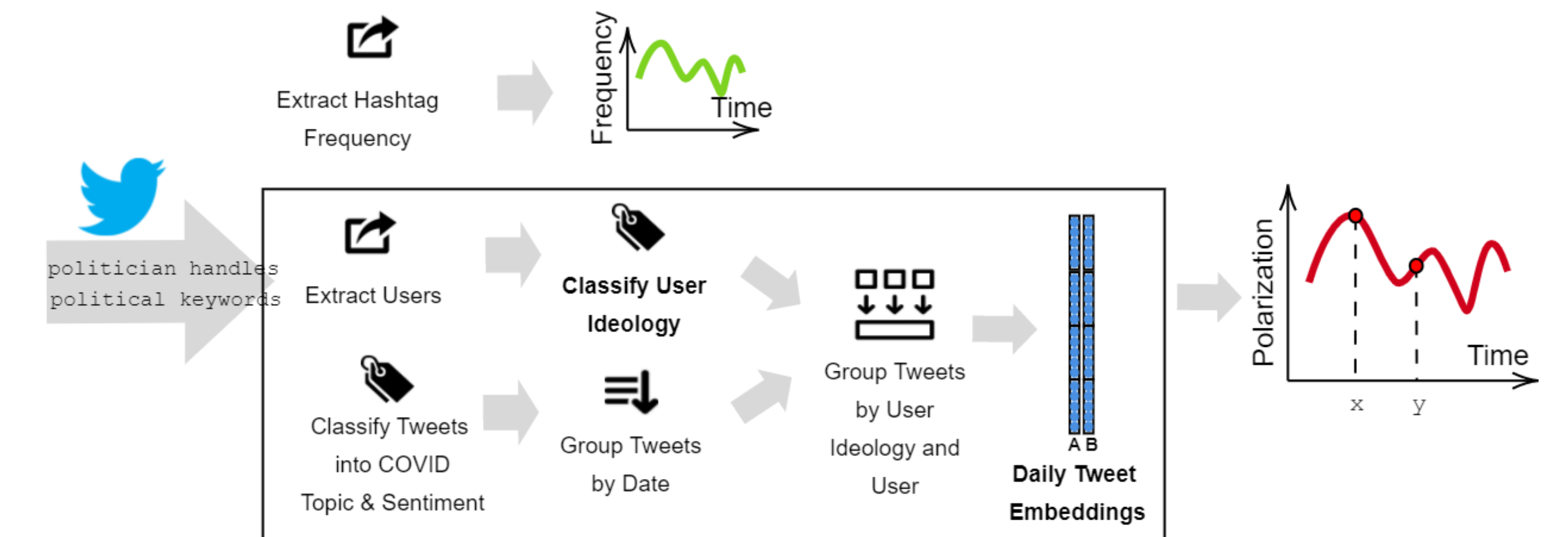
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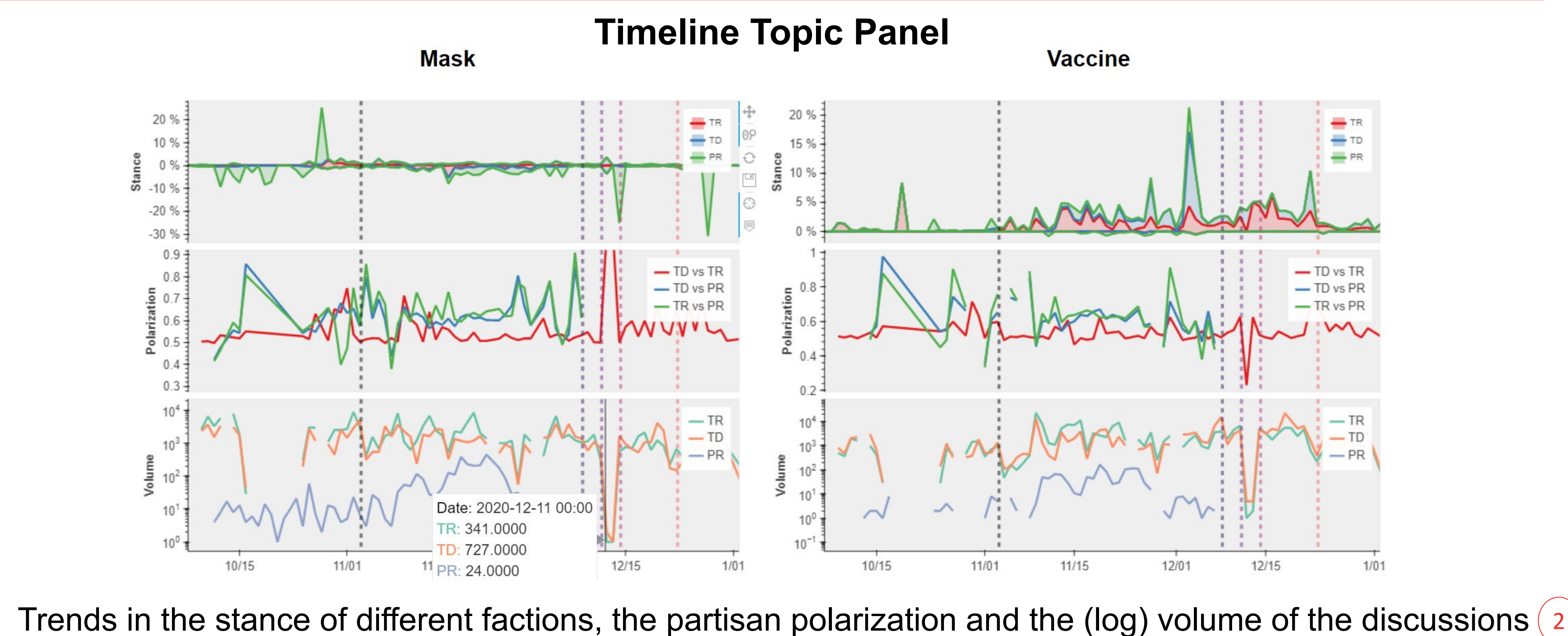
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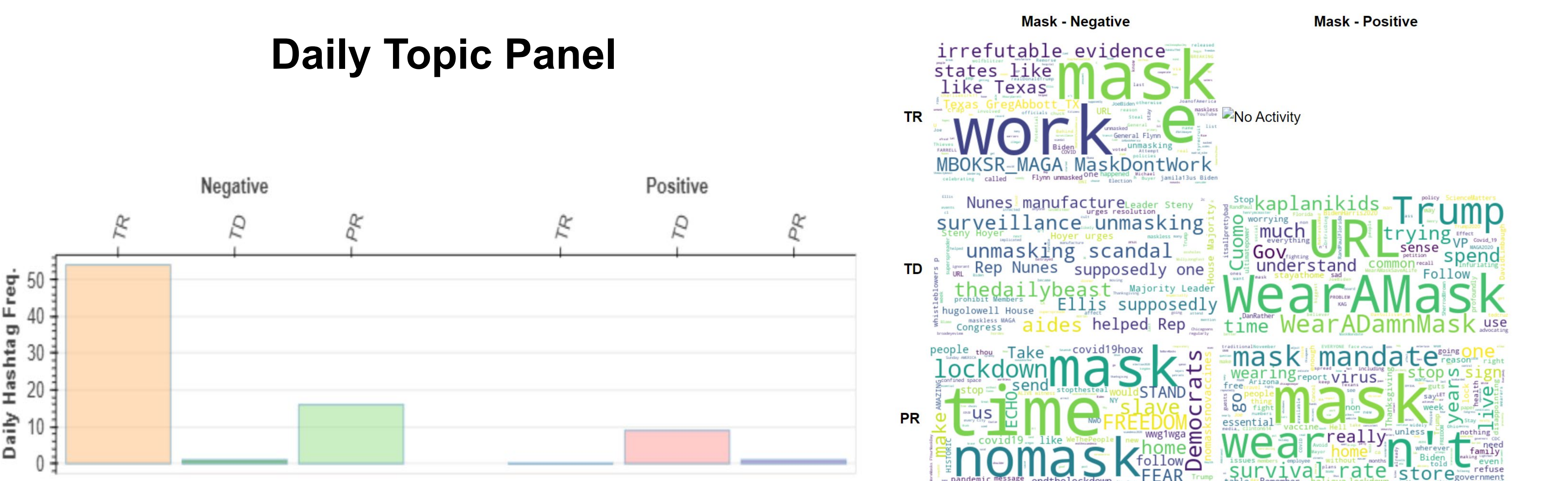
Regulatory responses to COVID-19 and the public response have varied greatly between countries and even between regions within the same country. OPPVIS is an interactive dashboard that facilitates research at the intersection of COVID-19 policy, social media and partisanship. It is setup to examine key policy topics (Lockdown, Mask, Vaccine, Miscellaneous and overall COVID-19) and user stances (Neutral, Negative and Positive). A classifier trained on 3K profile descriptions determines the user's party affiliation as *Democratic*, *Republican* or *Unknown*. We adapt a dispersion index to measure polarization between parties in Twitter and Parler. To our knowledge, this is the only dashboard that brings together all three aspects compared to general public dashboards from Google, John Hopkins and Ryerson.



Controls **Timeline Topic Panel** and **Daily Topic Panel** to toggle the different factions, topics and date range



Trends in the stance of different factions, the partisan polarization and the (log) volume of the discussions



A zoomed-in view of the raw frequency and a matrix of wordclouds for the respective faction and stance to give a snapshot of the narratives in that date.



Allows for exploration of tweets posted from a specific faction on the specified topic and date. A search function is added to help find specific keywords / usernames.

