

RAFFMAN on a case study (1st impeachment of Trump)

- The **user engagement doubles** at significant stages.
- **Reddit users are more engaged** with impeachment compared to those of 4chan.
- More than **half** of all posts have **negative** affect toward the concept “Trump” throughout the impeachment.
- The impeachment events **increased the polarization** of user affect for concepts “Trump,” “Impeachment” and “Pelosi.”
- The impeachment **increased the negative** sentiment towards the concept “Pelosi.”

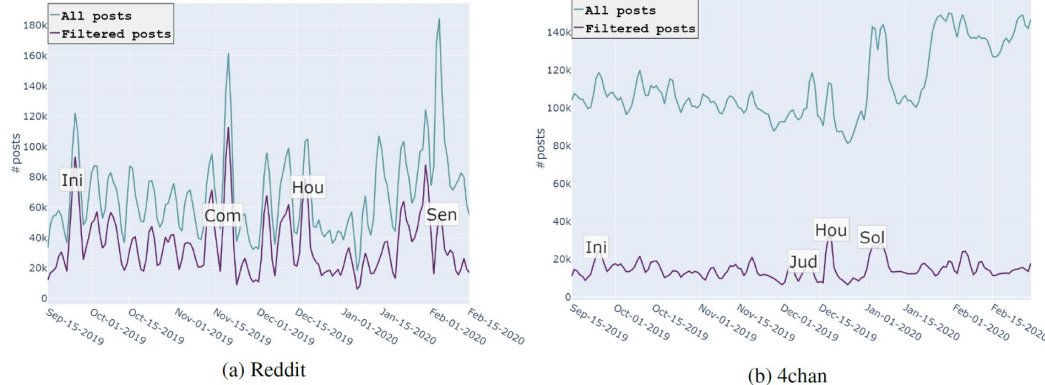


Figure 2: The temporal view of the posts in forums over a span of 6 months. These figures are labeled with significant change-points that correlated to the real-world stages in Table 5. The purple line represent the amount of related posts filtered with our approach from Step 1. The green line is the total number of posts made daily in each forum. We observe that: (a) user engagement doubles at significant stages (b) Reddit users are more engaged with the impeachment than 4chan users.

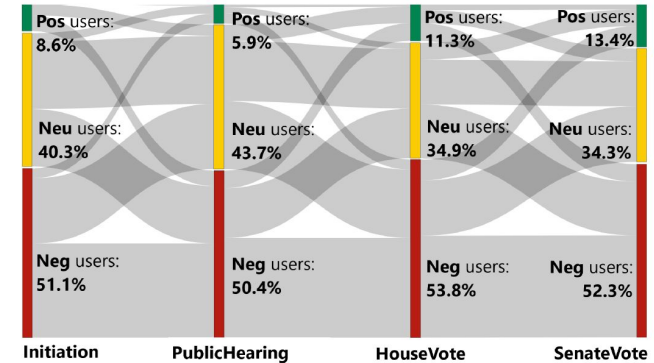


Figure 1: Our systematic approach in action: The evolution of users' affect on Reddit towards concept “Trump” on the significant dates (which coincide with changepoints) during the impeachment process. We observe that: (a) more than 50% of the users express negative affect towards Trump, and (b) the impeachment seems to have increased polarization toward concept “Trump” as neutral users decreased from 40.3% to 34.3%. Upon further investigation, we find that 12.1% of users flip-flop from negative to positive or vice versa.