## Twitter Political Censorship

Diego Wahl

## The Claim:

Large Social Media platform companies are censoring conservative viewpoints on their platforms.



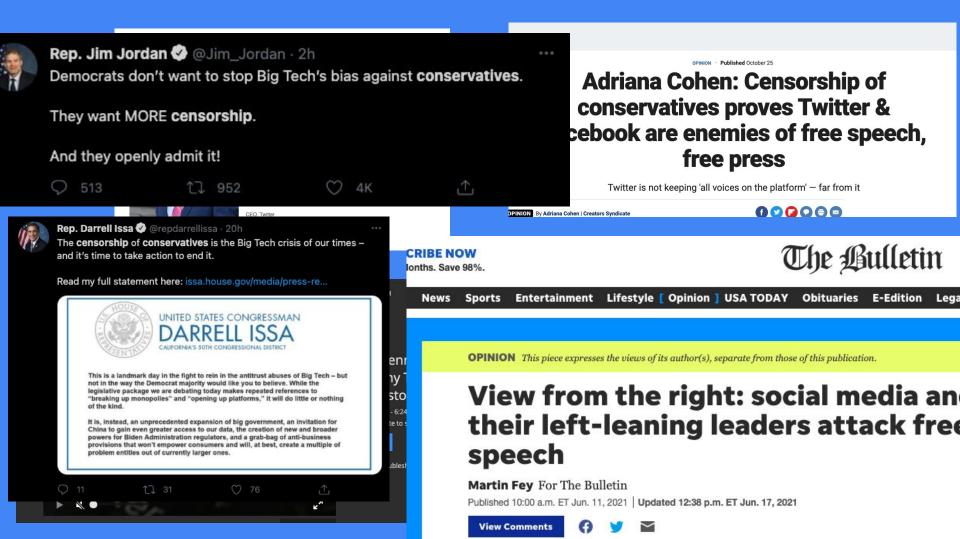






## Adriana Cohen: Censorship of conservatives proves Twitter & Facebook are enemies of free speech, free press Twitter is not keeping 'all voices on the platform' – far from it





## **But:**

#### June 24th



## **But: How**

#### June 23rd



## **But: How true**

#### June 22nd



## But: How true is

#### June 21st



## But: How true is this?

#### June 17th



## The Specific Claims:

- Social media companies, such as Twitter and Facebook, are censoring users on the basis of ideological and political reasons.
- This censorship comes in the form of shadow banning and suppression of conversation of right-wing viewpoints.
- By extension, these same companies have a bias against conservative viewpoints and are even coordinating with 'the Radical Left'<sup>[1]</sup>

[1]: Trump, Donald J [@POTUS]. 8 January 2021. "As I have been saying for a long time, Twitter has gone further and further in banning free speech, and tonight, Twitter employees have coordinated with the Democrats and Radical Left in removing my account from their platform, to silence me - and YOU, the 75,000,000 great..." [Twitter]. Since removed.

What we are watching -- the militarization of social media on behalf of Democrats, and the overt suppression of material damaging to Democrats to the cheering of the press -- is one of the single most dangerous political moments I have ever seen.

9:00 AM · Oct 15, 2020 · Twitter Web App

17K Retweets 1,342 Quote Tweets 63.8K Likes

T







## The Data & The Methodology:

- Tweets directly scraped from Twitter via the Twitter API and Tweepy
- Searched on 'Biden' and 'Trump' keywords separately
- Duplicates, retweets included, are not ultimately dropped.
  - Tweets go viral, and we wanted our dataset to reflect that.
- Time frame of scrape is variable, but mostly scraped during week of June 14th

#### What this methodology will do:

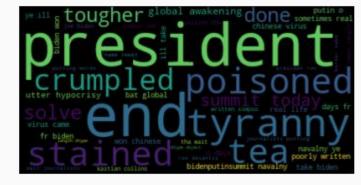
 Perform topic modeling and sentiment analysis to compare and contrast discussions relating to central political figures on Twitter.

#### What this methodology will NOT do:

- Look into specific 'communities' and how they interact both with themselves and other communities on Twitter.
  - Meaning, in part, that we can't get a gauge on community interactions and how widely shared tweets become.
- Look into the amount of interaction a particular topic is engaged in.

#### The Biden Data

VADER average compound score of 0.00237 (very slightly positive)



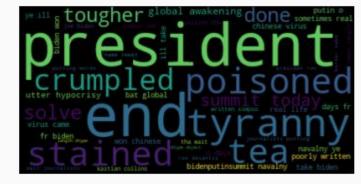
#### CorEx topics (no anchors):

- 0: killed,officer,secret,heroic,service,dives,tries,agent,rioters,jan
- 1: hunter, asians, knew, slur, registry, door, let, text, gun, confiscation
- 2: yellow,asian,cousin,independence,lectures,sexism,weeks,doocy,bin,trump
- ${\tt 3: longer, progressive, fooled, tyranny, awakening, career, global, politicians, left, anger}\\$
- 4: gave, list, critical, infrastructure, usual, folks, targets, cup, punishment, ll
- 5: police,capitol,texas,wall,national,build,announced,jobs,htt,creating
- 6: cyber,limits,nato,europe,arena,wit,eu,success,allies,diplomacy
- 7: jim,jordan,rt,term,half,charge,gop,republican,congress,make
- 8: collins,kaitlan,cnn,reporter,angry,female,staffer,lose,hell,problem
- 9: putin,summit,meeting,vladimir,biden,geneva,says,russian,helsinki,different

Notably, 2 of the top 10 topics formed by CorEx are directly related to Hunter Biden

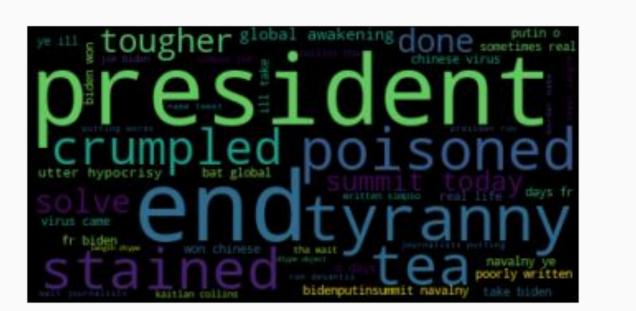
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### The Trump Data

VADER average compound score of -0.0408 (very slightly negative)



#### CorEx topics (no anchors):

- 0: officer,fanone,jan,clyde,rep,introduced,typical,capitol,tour,guy
- 1: rally,wellington,june,hold,saturday,ohio,rallies,officially,ivanka,cohen
- 2: framing,organized,treason,riot,basically,weisselberg,january,noting,worth,supporters
- 3: attacks,outside,protect,fro,coming,thing,democracy,vladimir,weeks,sexism
- ${\tt 4: border, incredible, interaction, relayed, confirmed, southern, story, announces, mile, visit}$
- 5: people,blame,insurrection,amp,democrat,hell,clinton,day,tucker,hillary
- 6: biden,putin,helsinki,jim,different,president,summit,jordan,experienced,meeting
- 7: doj,garland,senate,era,bolton,merrick,power,barr,democrats,john
- 8: justice, election, house, overturn, emails, department, oversight, voted, rights, yesterday
- 9: don,like,jr,time,prison,didn,think,came,fox,media

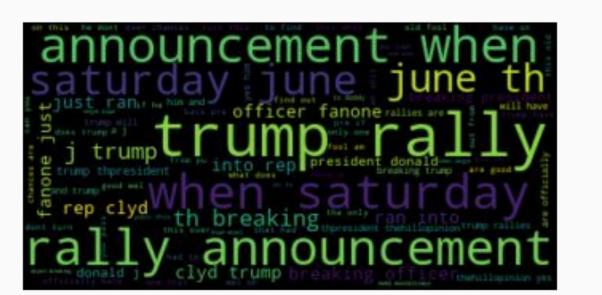
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# The Scattertext

## Some Conclusions

- It would be difficult to argue that topics that cast Biden in a negative light, such as Hunter Biden for example, are stifled on the platform.
- Frankly, a LOT of Twitter discourse is negative, regardless of the topic at hand.
- Most of the 'big names' in Twitter political discourse seem to be conservatives.
  - Jack Posobiec, Candice Owens, Ben Shapiro
    - Also Catturd2

## Some Takeaways/Lessons Learned

- VADER sentiment analysis does not perform well on Tweets.
  - Seems unable to handle the often sarcastic style present on Twitter.
- Scattertext stops working pretty quickly once a certain threshold (~50,000 documents or so) is met.
- Creating a concept of a user might be helpful for future investigation
  - Community finding algorithms exist
  - PageRank to measure influence?

## Thanks!