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# Hate speech, Censorship, and Freedom of Speech: The Changing Policies of Reddit

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## Abstract

This paper examines the shift in focus on content policies and user attitudes on the social media platform Reddit. We do this by focusing on comments from general Reddit users from five posts made by admins (moderators) on updates to Reddit Content Policy. All five concern the nature of what kind of content is allowed to be posted on Reddit, and which measures will be taken against content that violates these policies. We use topic modeling to probe how the general discourse for Redditors has changed around limitations on content, and later, limitations on hate speech, or speech that incites violence against a particular group. We show that there is a clear shift in both the contents and the user attitudes that can be linked to contemporary societal upheaval as well as newly passed laws and regulations, and contribute to the wider discussion on hate speech moderation.

## I. Introduction

The peculiarities of online hate speech as compared to traditional, offline hate speech has made it necessary to rapidly develop and implement laws regulating offensive speech online (Brown, 2018). The characteristics of online communities mean that it is much easier for fringe ideals to gain foothold and for members of such communities to spend their online lives in echo chambers of hate (Shaw, 2011), often targeting a specific group of people based on some real or perceived characteristic such as race, sex, sexuality, religion, and political beliefs.

The EU's 2016 Code on Countering Illegal Hate Speech Online (Code) introduced voluntary legislation that saw Twitter, Google, Facebook, and Microsoft commit to regulating hateful speech or speech that incites violence on their platforms. By 2020, each platform had stringent guidelines and flagging systems to remove reports of hate speech (Aswad, 2016). Anu Bradford (2019) would attribute this shift in practices to what she defined as "The Brussels Effect", or the regulatory power of the EU in certain markets to affect the standards of markets through their institutional capacity, willingness to create stringent rules, the relative market size of Europe, and the focus on inelastic targets and non-divisible processes; meaning that EU regulations target aspects of the market that do not change, unlike capital or profit, and aspects that cannot be easily divided into separate processes to manage different standards of production.

Regarding the digital economy, Bradford (2019) identified two areas where the Brussels Effect was in full force, specifically, the areas of data protection and hate speech. She was able to identify both the *de facto* and *de jure* aspect of the Brussels Effect in terms of data protection, as the EU had passed the 2016 binding General Data Protection Regulation (GDPR) that forced a change in tech companies practices around the collection of user data. However, the *de facto* and *de jure* aspect of the Brussels Effect on hate speech remained unexplored, as the EU had not passed any binding legislation around hate speech regulation in the digital economy. At the time of writing her book; only the voluntary Code was in effect; although currently, the binding version of the Code, The Digital Services Act (DSA) has been adopted and is in the process of being fully implemented at a later date. While Bradford posited that the EU did indeed have

some impact on hate speech in the digital economy, the non-binding nature of the Code rendered it difficult to make any definitive arguments.

While the Code has been criticized by several scholars (see e.g. Aswad, 2016; Portaru, 2017; Alkiviadou, 2019) for both the privatization of hate speech making multinational private companies the arbiters of what constitutes legal and illegal hate speech and vague outcome reports (Portaru, 2017 - for the outcome report itself see Jourova, 2016), it has clearly facilitated change in how social media platforms deal with the datafication of hate (see e.g. Aswad, 2016; Laaksonen et al., 2020). As there is no universally accepted definition of hate speech (Nemes, 2010; Laaksonen, 2020) the private actors have little choice but to come up with their own definitions leading to vastly different policies on different social media platforms (Alkiviadou, 2019)<sup>1</sup>. It is undeniable that the Code has greatly affected the content policies of all major social media platforms.

The overall effectiveness of the Code, in the changes it was able to invoke in its signatory companies, demonstrates the EU's regulatory power in the realm of regulating hate speech online, attributable to the Brussels Effect. However, curiously enough, major American technology companies outside the scope of the Code have presented a distinct shift in philosophy surrounding their content policies and overall stance on hate speech since the adoption of the Code in 2016 (see e.g. Aswad, 2016; Bradford 2019). This offers the opportunity to make the argument that the EU's impact on hate speech practices is not only a result of their regulatory power, but a result of their normative power as well.

To highlight this phenomenon, it is only necessary to look at the Content Policy updates from the American online forum website, Reddit, to see how this shift has occurred. In 2015, Reddit expressed ambivalence towards the topic of hate speech, and rather demonstrated their commitment to libertarianism when it concerned violent speech. This is reflective of the general American political philosophy concerning hate speech, which ultimately enshrines offensive language in the First Amendment right to freedom of speech offered by the American constitution. In regards to offensive content, Reddit moderators state specifically, "It's ok to say

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<sup>1</sup> It should be noted that Bertaglia et al (2021) created a hate speech dataset where categories were based on actual provisions and case law and which was annotated by law students. Hopefully this paper gains more traction and influences other dataset creators in the future.

‘I don't like this group of people.’ It's not ok to say, ‘I'm going to kill this group of people’” (Reddit - [u/spez], 2015a). They also cited their commitment to preventing “the speech police knocking down their door” (Reddit - [u/spez], 2015a). By 2020, Reddit’s stance on hate speech would transform completely. They would state: “Everyone has a right to use Reddit free of harassment, bullying, and threats of violence. Communities and people that incite violence or that promote hate based on identity or vulnerability will be banned” (Reddit - [u/spez], 2020).

The change in Reddit Content policy represents a shift in practices from Reddit as a company, and this change necessitates the question of if general Reddit users have shifted their philosophy surrounding hate speech in line with the company. For this reason, this paper utilizes topic modeling of comments made by general Reddit users on Reddit admins’ posts informing them of Content Policy updates to determine the general topics brought up in reaction to changing standards of what can and cannot be posted on the website. This is done in order to determine if and how the general philosophy of Reddit users has shifted on the topics on censorship and freedom of speech. We will first explain the context of the five content policy updates used for the analysis in this paper before presenting the data and methods used to conduct this analysis. We will then explore the results, before commenting on the change in the general lexicon of Reddit users and what it means for the future of social media platforms and further regulations of violent speech online.

## II. Background

For a more comprehensive investigation of the Reddit data we qualitatively outline the content of each Reddit update utilized in the analysis for this paper. The Content Policy updates utilized in this paper begin in 2015, and end in 2020. The first update was made by the Reddit admin u/spez<sup>2</sup> in 2015 entitled, “Let’s Talk Content. AMA<sup>3</sup>.” in r/announcements<sup>4</sup> (Reddit - [u/spez], 2015a). This is the first time Reddit admins post about content restrictions on the website. An excerpt from this post reads:

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<sup>2</sup> When referring to users on Reddit, the username is traditionally preceded by a u/

<sup>3</sup> Ask Me Anything

<sup>4</sup> Communities on Reddit are known as subreddits and are denoted with an r/ preceding the community name.

*As Reddit has grown, we've seen additional examples of how unfettered free speech can make Reddit a less enjoyable place to visit, and can even cause people harm outside of Reddit. Earlier this year, Reddit took a stand and banned non-consensual pornography. This was largely accepted by the community, and the world is a better place as a result (Google and Twitter have followed suit). Part of the reason this went over so well was because there was a very clear line of what was unacceptable.*

Reddit - [u/spez], 2015a

This post displayed ambivalence towards hate speech, and focused more on content of a sexual nature, perhaps due to the rise on the #metoo movement which gained traction in 2013 and influenced several influential social media platforms' content policies (see e.g. Klonick, 2021). Twitter and Google, along with Facebook, had been under immense pressure at the time by German government officials to better their standards around the content posted on the site (see e.g. Alkiviadou, 2019). Notably, these companies would later become voluntary signatories to the EU's Code. This Reddit post was more of an open dialogue between users of Reddit and Reddit admins in preparation for their new Content Policy. Several researchers have pointed out the "laxness" of Reddit's content policies (Massanari, 2017; Gaudette et al., 2020). Incidentally, the #metoo movement and subsequent steps taken by social media platforms has had no impact on the prevalence of sexism in general (Archer et al., 2020), something that is echoed in many of the steps taken to combat hate speech online (Portaru, 2017).

The second post utilized for analysis in this paper is also from 2015 by Reddit admin u/spez in the r/announcements subreddit<sup>5</sup>, where they introduced a "quarantine" function, which would essentially prevent subreddits that violated their new Content Policy from growing. An excerpt from the update read:

*One new concept is Quarantining a community, which entails applying a set of restrictions to a community so its content will only be viewable to those who explicitly opt in. We will Quarantine communities whose content would be considered extremely offensive to the average redditor... Our most important policy over the last ten years has been to allow just about anything so long as it does not prevent others from enjoying Reddit for what it is: the best place online to have truly authentic conversations.*

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<sup>5</sup> Communities on Reddit are known as subreddits.

Reddit - [u/spez], 2015b

Again, it is possible to see the general ambivalence around the concept of hate speech. There is a focus on “offensive content”, but at this point in time, Reddit admins mostly concern themselves with a general enjoyment of the website for users. The third post extracted for the analysis in this paper is from 2017, made by u/landoflobsters in r/modnews entitled, “Update on site-wide rules regarding violent content”. It is important to note that this post was made one year after the introduction of the EU’s Code. An excerpt from this post reads:

*In particular, we found that the policy regarding “inciting” violence was too vague, and so we have made an effort to adjust it to be more clear and comprehensive. Going forward, we will take action against any content that encourages, glorifies, incites, or calls for violence or physical harm against an individual or a group of people; likewise, we will also take action against content that glorifies or encourages the abuse of animals. This applies to ALL content on Reddit, including memes, CSS/community styling, flair, subreddit names, and usernames.*

Reddit - [u/landoflobsters], 2017

This post is the first time Reddit addresses violent speech, or in other words, hate speech. Specifically, they begin to update their restrictions around speech that incites violence against a particular individual or group of people.

The fourth post employed for analysis in this paper comes a year later, in 2018 with the title, “Revamping the quarantine function,” made by u/landoflobsters in r/announcements. An excerpt from this post reads:

*On a platform as open and diverse as Reddit, there will sometimes be communities that, while not prohibited by the Content Policy, average redditors may nevertheless find highly offensive or upsetting. In other cases, communities may be dedicated to promoting hoaxes (yes we used that word) that warrant additional scrutiny, as there are some things that are either verifiable or falsifiable and not seriously up for debate (eg, the Holocaust did happen and the number of people who died is well documented).*

Reddit - [u/landoflobsters], 2018

While they do not mention hate speech in this update, the concept of removing hate speech can be identified in them announcing that subreddits dedicated to Holocaust denial, or other “hoaxes” are subject to a quarantine.

As for the effectiveness of quarantining Reddit communities, Chandrasekharan et al. (2021) examined two quarantined subreddits, The Red Pill<sup>6</sup> (r/theredpill, a misogynist community) and The Donald (r/the\_donald, a racist community encouraging anti-Muslim content in particular). They found that although the influx of new users decreased significantly, despite the condition of exiting the quarantine being a significant reduction in sexist/misogynist and racist content, the offensive content levels remained at similar levels. Therefore quarantining worked to keep the hate from spreading, but did not alter the behavior of those who were already members of these communities nor did quarantining make them flee to other platforms (Chandrasekharan et al, 2021) or keep them from brigading (Gaudette et al, 2020). Brigading is a practice where members of a specific Reddit community are encouraged to upvote specific, often offensive, content outside of the community itself to make it more visible to other users.

The final post utilized in this analysis announces Reddit’s current Content Policy made by u/spez in r/announcements in 2020. An excerpt from this post states:

*From our conversations with mods and outside experts, it’s clear that while we’ve gotten better in some areas—like actioning violations at the community level, scaling enforcement efforts, measurably reducing hateful experiences like harassment year over year—we still have a long way to go to address the gaps in our policies and enforcement to date. These include addressing questions our policies have left unanswered (like whether hate speech is allowed or even protected on Reddit), aspects of our product and mod tools that are still too easy for individual bad actors to abuse (inboxes, chats, modmail), and areas where we can do better to partner with our mods and communities who want to combat the same hateful conduct we do.*

Reddit - [u/spez], 2020

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<sup>6</sup> Red pills are a reference to the movie “The Matrix” (1999) where the protagonist is given a choice between a blue pill and a red pill. The red pill will make him see the world for what it is and the blue pill will allow him to keep his delusions. “Incels” believe that they have been given the proverbial red pill and can see women for “what they really are”. They are male supremacist with extreme resentment towards women, often advocating sexual violence.



Here, Reddit clearly takes a stance on hate speech, and declares its commitment to the regulation and removal of hate speech on their platform. Four years after the adoption of the EU's Code, the general sentiment of Reddit admins concerning hate speech have demonstrated a clear shift in philosophy. The next step is to see how Reddit users have responded to these posts in the comments, and what these responses mean in terms of the philosophy of the general Reddit user.

It is likely that the demand for swift action against online hate speech has at least partly contributed to the increase in publications related to this in the field of Natural Language Processing (NLP), as evidenced by not only the numerous publications on the topic (see e.g. Tontodimamma et al., 2020), but also workshops specifically targeting hate speech and offensive speech such as OffensEval, NLP4IF, WOAHA, TRAC, TA-COS, and ALW1. Typically the focus in these workshops and publications is on accurately detecting hate speech (e.g. Zampieri et al, 2019; Chuang et al., 2021) as well as accurately determining the category of different types of hate speech / offensive language (e.g. Zampieri, 2021; Lemmens et al, 2021), or even identifying the targets of offensive language (e.g. Lemmens et al, 2021; Shvets et al, 2021). Usually this involves supervised machine learning and even the creation of language models fine-tuned for hate-speech (e.g. Pàmies et al, 2020; Caselli et al., 2021).

Academic studies concerning hate speech on Reddit tend to have either a legal and cultural or an automatic detection perspective. Very few, however, focus on the actual content moderation, and even fewer utilize NLP methods. A paper by Shen and Rosé (2019) does just this by investigating user responses to Reddit's quarantine policy<sup>7</sup>. They employ an LDA-model with 10 topics on the first month of comments from the 2018 content policy announcement (Reddit - [u/landoflobsters], 2018). Their findings closely align with ours in terms of topic proportions as well as interpretations.

In another paper focusing on Reddit comments that violate "macro norms", Chandrasekharan and Gilbert (2019) collected comments that had been removed by moderators for violating Reddit's content policies or a particular subreddit's own rules. Their paper mostly focuses on the creation of this dataset for automated content moderation purposes, but nonetheless, shows that there are a number of norm violations that 85 out of 100 examined subreddits tend to remove. Among

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<sup>7</sup> In our dataset this is the 2018 announcement by u/landoflobsters.

these are the use of misogynistic slurs, racist and homophobic hate speech, posting pornographic links, personal attacks, as well as claiming that another user is “too sensitive”.

Our paper intends to demonstrate how NLP methods can be utilized to facilitate discussions around the broader politics and philosophies that guide hate speech regulation online, as well as capture what the public’s general stance on the issue is as well. The democratic right to freedom of speech and the protection of vulnerable groups are equally important concerns, and our intention is to clarify some specifics of the debate for the sake of providing accurate and unbiased information that combats the polemics of “cancel culture”, a deeply divisive concept in current political discourse (Vogels et al., 2021), that so often makes accountability and censorship, when it comes to hate speech, indistinguishable.

### III. Data and Methods

Using the Reddit API Wrapper (PRAW<sup>8</sup>) for Python, all comments on each of the aforementioned five posts were scraped. The information we gained contained the username of each poster of the comment, the body of the comment made, and the upvote count of the comment. This data is available on GitHub<sup>9</sup> as separate csv files for each project and filtered using TAD to remove empty comments. The code for scraping is also available in the same repository.

We originally used a Latent Dirichlet Allocation (LDA) -based topic model for our data, but switched to a structural topic model (STM) (Roberts et al., 2019) to gain insight into how much the score of each comment influences the topics in our data as STM allows for the inclusions of covariates. Without covariates the STM yields a Correlated Topic Model (CTM). Additionally, STM has shown better results in benchmark We focused on the 2015 AMA (Reddit - [u/spez], 2015a), the 2018 content policy update (Reddit - [u/landoflobsters], 2018), and the 2020 content policy update (Reddit - [u/spez], 2020). These three best reflect the evolution of content policy change on Reddit and gives us the best chance to objectively determine whether the attitude

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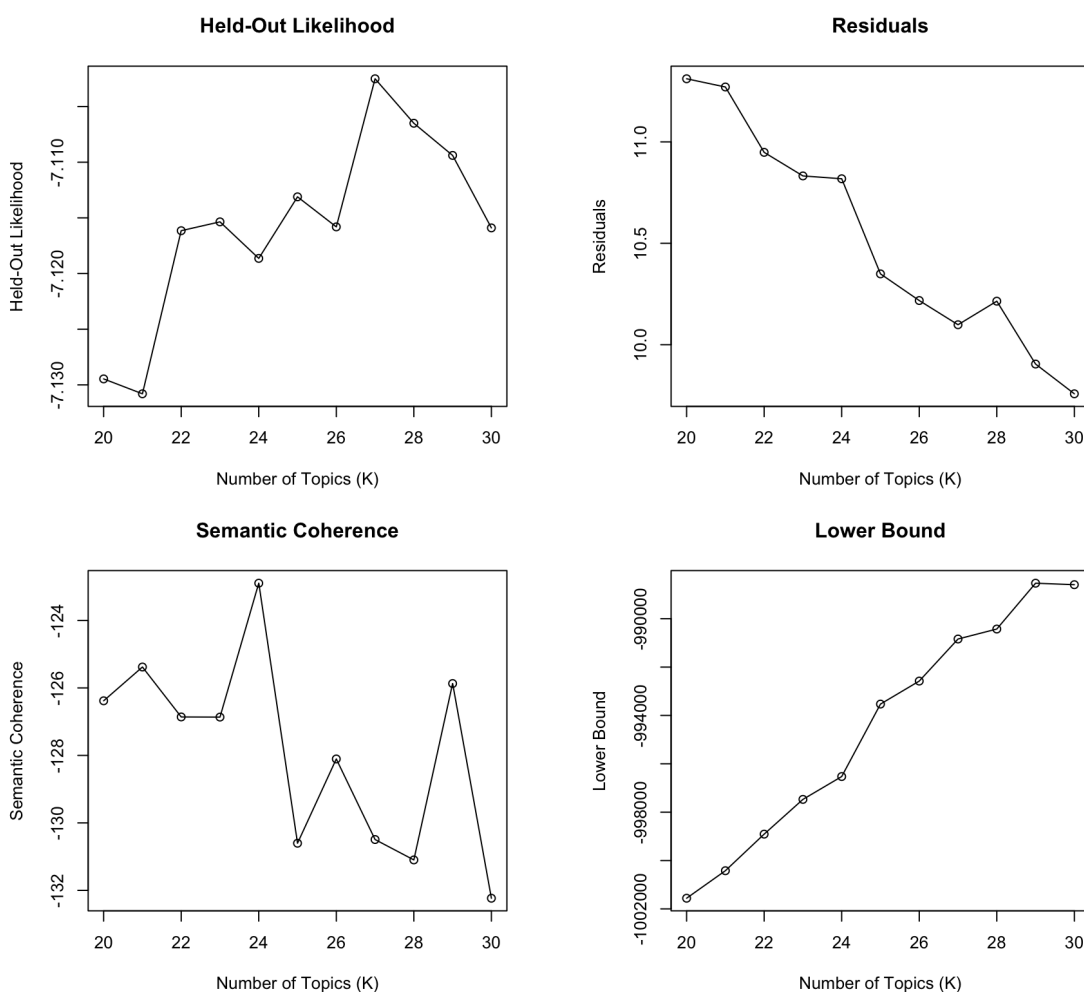
<sup>8</sup> <https://github.com/praw-dev/praw>

<sup>9</sup> <https://github.com/esohman/Waseda-DH>

towards hate speech moderation and what should and should not be allowed in greater detail<sup>10</sup>. We use the two additional posts for additional qualitative analysis.

For STM we determined that the best compromise between semantic coherence, exclusivity, and held-out likelihood measures was around 50 topics for the 2015 data, 27 for the 2018 data (see Figure 1), and 75 for the 2020 data. We used comment upvote scores as covariates. The STM package for R includes some built-in tools for pre-processing that include lower-casing, removal of punctuation, stopwords, and numbers, as well as stemming. Rare tokens are also removed. For example for the 2015 data there were originally 17988 terms of which 9364 were removed which is the equivalent of removing 9364 tokens out of 381422, i.e. tokens that appear only once in the data. As our data set is fairly small, we decided to keep all tokens that appeared more than once.

Diagnostic Values by Number of Topics



<sup>10</sup> This R code is also available on GitHub.

Figure 1 - Coherence measures for the Content Policy 2018 STM.

The three corpora examined using topic modeling after STM's pre-processing looked as follows:

Corpus	# of documents <sup>11</sup>	# of terms	# of tokens
AMA 2015	18241	8624	372058
Content 2018	7978	5580	130692
Content 2020	32042	10298	472349

Table 1. Size of final corpora

#### IV. Results

The most salient topics for each of the three STM are examined in this section. All topics and their FREX weighted<sup>12</sup> words can be viewed in the appendix. Here we only list the most representative topics and group them by common themes. We present these in chronological order starting with the initial AMA on Content Policy in 2015, continuing to the Content Policy update in 2018, and finishing with the Content Policy update in 2020.

The topics that emerge from the 2015 AMA (Reddit - [u/spez], 2015) revolve around the need for more transparency around bans and rules (see topics 5, 18, 30, 31, 34, 40, 48), the need for rules around brigading subreddits (see topics 1, 13, 14, 24, 25, 40), and separating valid criticism from real threat (see topics 4, 16, 21, 47 plus doxxing: topic 9). There is also a secondary discussion going on that deals with censorship in general (topics 4, 8, 10, 11, 27) and Reddit as a corporation and how potential revenue influences decisions on content policy (topic 36, 39, 45).

<sup>11</sup> Documents here roughly correspond to individual comments, terms are unique tokens, and tokens the total number of tokens.

<sup>12</sup> *FREX* shows how common AND exclusive a word is for a particular topic, i.e. it is the highest probability words weighted for exclusivity. *Lift* is calculated by dividing the topic-word distribution by the empirical word count probability distribution. *Score* is calculated as  $\beta_{v,k} (\log \beta_{w,k} - 1 / K \sum_{k'} \log \beta_{v,k'})$  where  $\log \beta$  is a K by V matrix containing the log probabilities of seeing word v conditional on topic k (Roberts et al., 2019).

## Topic 24 Top Words:

Highest Prob: harass, group, anyth, peopl, bulli, individu, other

FREX: intimid, bulli, silenc, behavior, individu, group, harass

Lift: <URL>, <URL>, <URL>, oklet, intimid, hive-mind

Score: harass, bulli, group, intimid, individu, silenc, abus

## Topic 27 Top Words:

Highest Prob: speech, free, freedom, express, protect, allow, say

FREX: speech, freedom, free, express, consequ, unfett, principl

Lift: farewel, fetter, <URL>, <URL>, <URL>, <URL>, triggeredteehe

Score: speech, free, freedom, express, protect, unfett, consequ

## Topic 30 Top Words:

Highest Prob: subreddit, rule, allow, encourag, enforc, mani, break

FREX: rule, subreddit, encourag, break, enforc, warn, guidelin

Lift: banana, haikus, hiaku, ponzi, removedban, throwingpotatosatclown, doot

Score: subreddit, rule, encourag, enforc, break, allow, guidelin

## Topic 34 Top Words:

Highest Prob: will, content, offens, sens, violat, see, defin

FREX: violat, decenc, content, sens, will, list, common

Lift: silo, decenc, login, usefulbot, checkbox, futhermor, advisori

Score: content, will, decenc, violat, sens, nsfw, common

### Top Topics

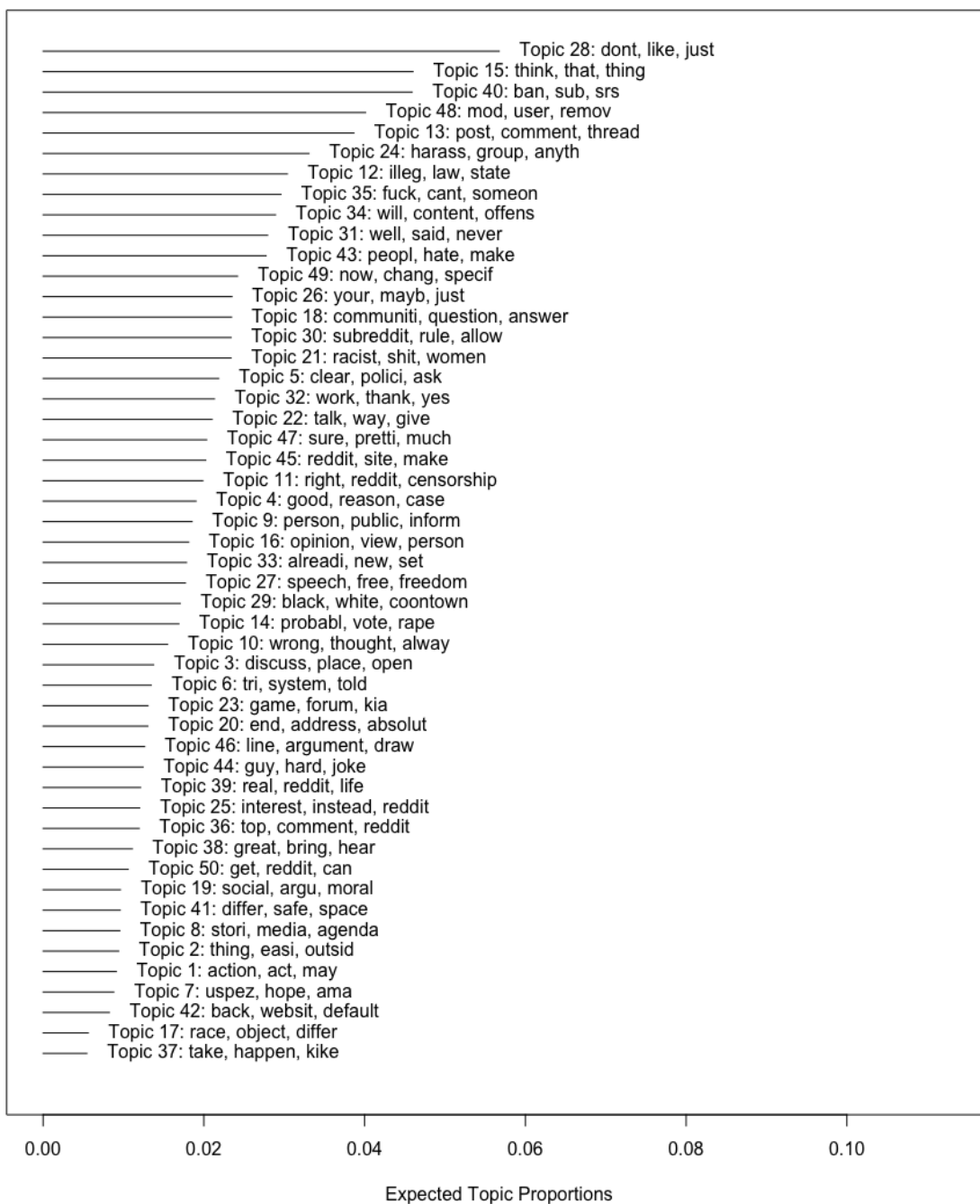


Figure 2. Expected topic proportions for AMA 2015.

The 2018 update's most salient topics revolve around the quarantine function, and general Reddit users backlash against what is perceived as censorship. Specific topics are free speech and censorship (see topics 1, 3, 7, 15, 20), banning violent content and propaganda (topics 4, 14), as

well as the logistics of quarantined subreddits (topics 23). The conversation on Reddit as a corporation is also still active (topics 8, 9) as is the issue with brigading (topic 10). There are also many references to politics and political actors (topics 4, 5, 6, 12, 19) and racism (topics 15, 16, 17, 22). A meta discussion relating to both free speech and censorship as well as propaganda can be inferred from topic 20.

#### Topic 3 Top Words:

*Highest Prob:* ban, speech, hate, free, read, first, exact

*FREX:* voat, hate, echochamb, ban, hill, speech, infest

*Lift:* brightest, durr, lib, alan, articul, banning”, blackpeopletwitt

*Score:* ban, speech, hate, free, read, voat, first

#### Topic 23 Top Words:

*Highest Prob:* sub, quarantin, can, communiti, user, content, list

*FREX:* quarantin, nsfw, accident, revenu, sub, heads-, search

*Lift:* “ban”, accident, accross, blank, canari, commentspost

*Score:* quarantin, sub, content, user, communiti, offens, list

### Top Topics

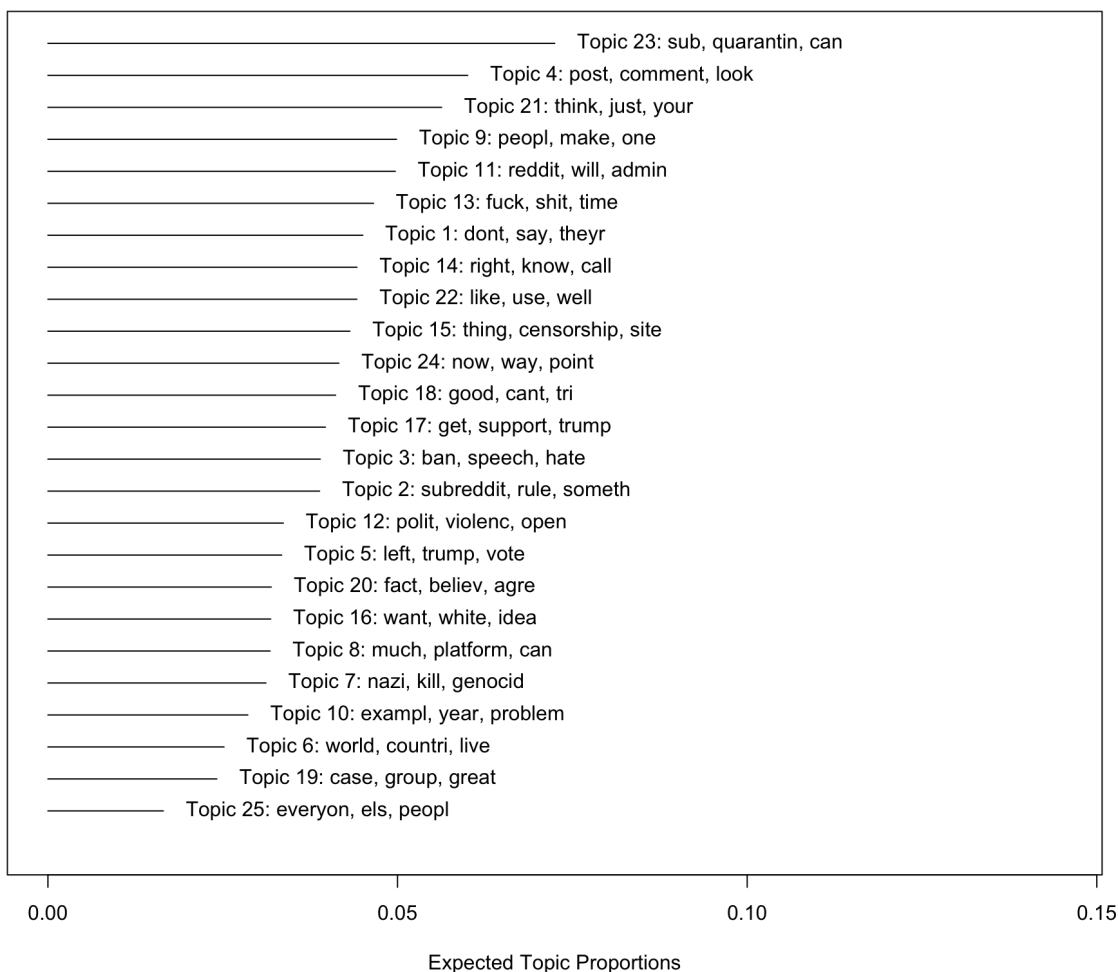


Figure 3. Content Policy 2018 post topic proportions

The 2020 Content Policy update's most salient topics express the collective desire of Redditors to create safety for marginalized groups (topics 11, 17, 19, 29, 32, 34, 35, **37**, 40) taking into account the power of Reddit as a tool for discrimination (topics 2, 16, 17, 22, 39, 63). There is also very specific talk around racism and to a lesser extent sexism (topics 46, 48, 68, 74) and rule enforcement (topic 27). Some old topics re-emerge like the discussion on banning subreddits (12, 15, 52) as well as censorship in general (36, 61). A new but very prevalent topic is that of Chinese propaganda on the platform, often specifically regarding the subreddit r/Sino (topics 5, 6, 7, 50).

Topic 5 Top Words:

*Highest Prob:* great, squar, tiananmen, forward, 李洪志, 法輪功, tibet

*FREX:* squar, tiananmen, 李洪志, 法輪功, tibet, 天安門, 天安门

*Lift:* tibet, abduct, anti-protect, anti-rightist, anti-riot, baggag, epoch

*Score:* 李洪志, 法輪功, 天安門, 天安门, great, falun, tiananmen

Topic 7 Top Words:

*Highest Prob:* china, countri, system, parti, cultur, america, democrat

*FREX:* ccp, cancel, own, democraci, tencent, parti, econom

*Lift:* conspiratori, militar, anti-asian, asset, ccp, cpc, denmark

*Score:* china, democrat, system, countri, america, cultur, parti

Topic 37 Top Words:

*Highest Prob:* major, group, protect, rule, hate, minor, promot

*FREX:* group, minor, major, protect, promot, global, margin

*Lift:* "disenfranchised", "hangfs", "killallnrs", "major, "protect, disability", hate"

*Score:* group, major, protect, rule, ident, hate, minor



### Top Topics

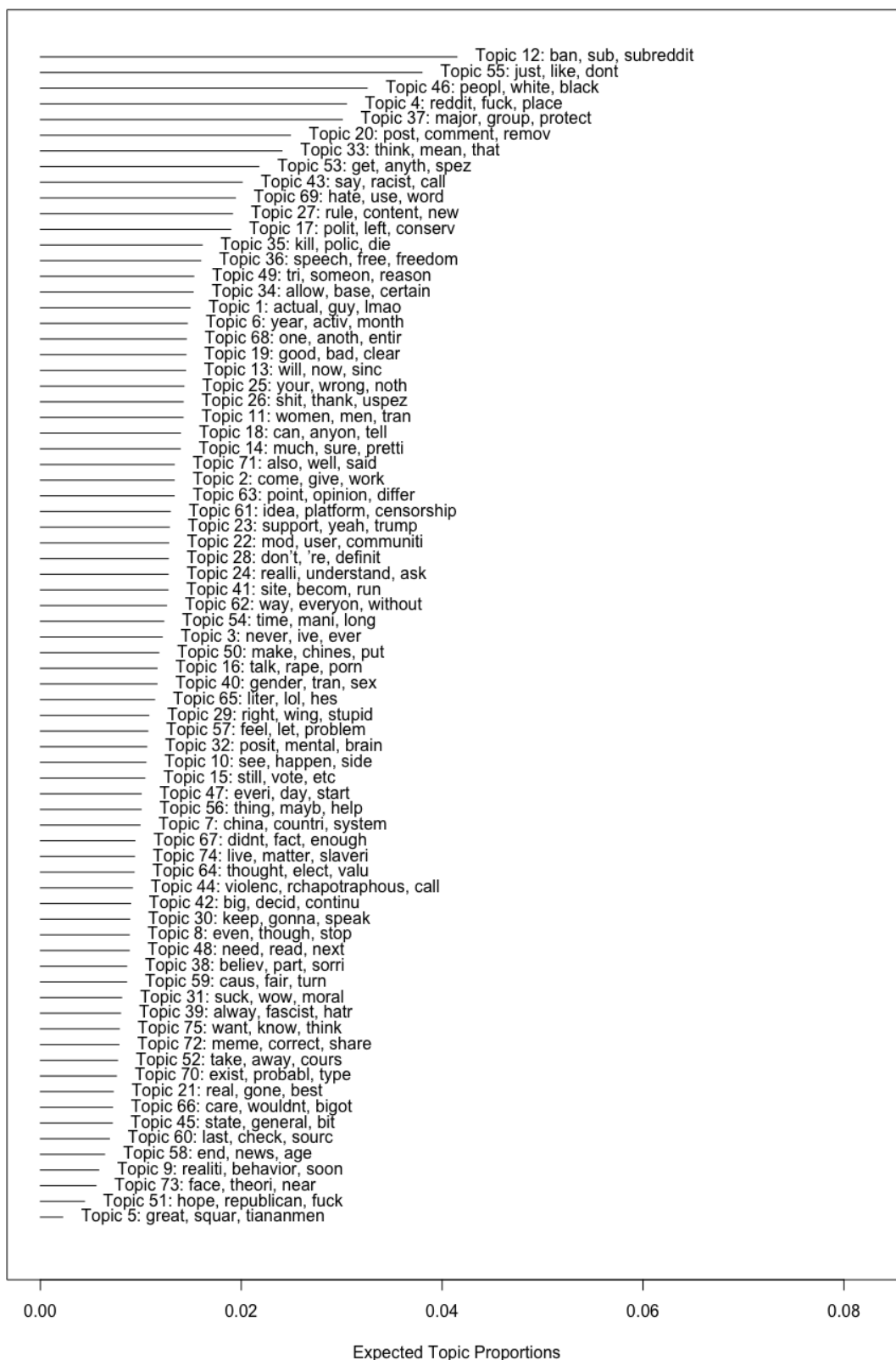


Figure 4. Expected topic proportions of the 2020 Content Policy update.

## V. Analysis

The top salient topics from both Content Policy posts in 2015 reflect an openness of Reddit users to rules around banning certain kinds of topics or subreddits dedicated to “brigading”, a form of harassment on the website where users from one subreddit enter another to flood the comment and post section with harassment or other irrelevant content. The general openness of users to more rules would support the assertion Anu Bradford (2019) makes about hate speech regulation and the EU in the digital economy; that the EU has the strictest rules that the platforms respond to, unlike other regulators like Russia and China that also have strict rules that seem to repulse the most popular platforms. One year after the major signatories adopted the EU’s Code, Reddit would also find themselves clarifying what violent speech meant in terms of acceptable content on the site.

A look at the update on rules around violent content in 2017 suggests that when the topic of violent speech is introduced by the admins, general users are able to engage with this topic, and provide examples of a real problem within the Reddit community concerning violent speech; in this case, violent speech directed towards women by incels, who blame women and society for their inability to find a sexual partner. Violent speech would remain a problem that necessitated a solution, without much controversy, although the regulation of some other types of hate speech showed some resistance. It seems as though the “incel problem” was less controversial in 2017, as incels were fringe private citizens with generally distasteful views. This would change, however, for general Redditors once politics were introduced into the discussion.

The most notable shift is from the top salient topics in the post regarding quarantines in 2018, to the top salient topics in the post announcing Reddit’s current hate speech policy in 2020. 48.93% of Reddit users are American (Clement, 2021), and 2018 marked the second year of 45th President Donald Trump’s time in office. The post from 2018 remarked upon “hoax” subreddits, and directly mentioned subreddits dedicated to Holocaust denial (topic 7). At that time, *r/The\_Donald* was a controversial subreddit at the time that was dedicated to Donald Trump and fostered far-right discourse and conspiracy theories (topics 5, 17). Holocaust denial is only one of many conspiracies parroted by the far-right in America (Souther Poverty Law Center, 2021). It would later be quarantined in 2019 (Haskins, 2019), then fully banned in 2020. A Reddit spokesperson told *Vice* news that ‘we are sensitive to what could be considered political speech,

however, recent behaviors including threats against the police and public figures is content that is prohibited by our violence policy. As a result, we have... quarantined the subreddit" (Haskins, 2019). The backlash against the initial post about revamping the quarantine system and applying them more liberally can be understood as an initial reaction against the perceived suppression of political views. With the majority of Reddit users being American, this would reflect a distaste for anything that could potentially violate the concept of freedom of speech in the First Amendment of the American Constitution. Ultimately, the subreddit dedicated to Donald Trump, would, in fact, stay unquarantined for a full year before finally receiving consequences.

In the 2018 update there is an ongoing discussion where a minority, but a significant minority, of Reddit users seem willing to ban violent speech even if it meant censorship. This minority would become the majority by 2020. It was not until 2020, when the US experienced the largest civil rights movement in its history, Black Lives Matter, a movement against the asymmetrical treatment and killings of black Americans by the police, that Reddit moved to protect groups of people in their formal content policy (visible in topics 43 & 46 in particular). At this point in time, Twitter had begun to flag then-President Donald Trump's tweets for incitement of violence as he responded to the civil rights movement with a call to retaliatory violence against protestors who had looted and rioted in certain areas (Twitter, 2021). It is arguable that at this point, social media platforms themselves began to label the philosophy of Donald Trump as intrinsically violent. In 2018, users may not have agreed, but by 2020, as shown by the topics brought up by Reddit users, they too had come to the same conclusion.

## VI. Discussion

How the EU has been able to impact normative behavior surrounding hate speech online is insufficiently explained through the Brussels Effect in the digital economy. While Bradford (2019) makes a compelling argument for the regulatory power of the EU in the online realm, the changes observed in Reddit moderation and admin teams' attitude toward regulation of offensive content offer a deeper, perhaps unintentional consequence of the interaction of differing political actors in the internet realm. The US Supreme Court views hate speech as a fundamental aspect of the democratic right to freedom of speech. In 2017, the US Supreme Court ruled on *Matal vs.*

*Tam*, a case concerning the trademark registration of the band name, “The Slants”; stating that the “reclaiming” of the derogatory term for Asians was protected under free speech:

*The Government has an interest in preventing speech expressing ideas that offend. And, as we have explained, that idea strikes at the heart of the First Amendment. Speech that demeans on the basis of race, ethnicity, gender, religion, age, disability, or any other similar ground is hateful; but the proudest boast of our free speech jurisprudence is that we protect the freedom to express “the thought that we hate.”*

Matal vs. Tam, 2017

The freedom to express hateful opinions is part of a larger American philosophy that the US Supreme Court previously discussed in the 1974 case of *Miami Herald Publishing Co. v. Tornillo*, with the ruling that “the widest possible dissemination of information from diverse and antagonistic sources is essential to the welfare of the public”.

The philosophy of Reddit’s aforementioned content policy update in 2015 mirrors the general sentiments of the Court on the topic of hate speech. The Court refers to this philosophy as the “freedom to express ‘the thought that we hate’”, while Reddit states that “people have more open and authentic discussions when they aren’t worried about the speech police knocking down their door” (Reddit - [u/spez], 2015a). This philosophy would also be mirrored in the discourse of general Reddit users in the replies to this update; topic three highlights this concern in the highest probability terms and FREX terms: “discuss, place, open, reddit, plan, polic(y/ies), restrict / authent, conflict, worri, plan, discuss, door, restrict”

The EU takes an opposite approach to hate speech, viewing violent language as a threat to democratic freedom as a whole, as evidenced by the ECHR’s ruling in *Refah Partisi (The Welfare Party) and Others v. Turkey*, where it was asserted that it was allowable for there to exist “some compromise between the requirements of defending democratic society and individual rights” (2003). Reddit’s most recent content policy update in 2020 would reflect the European philosophy of compromise as opposed to the American philosophy of unregulated discussion: “it’s our responsibility to support our communities by taking stronger action against those who try to weaponize parts of Reddit against other people” (Reddit - [u/spez], 2020).

The reason why Reddit is notable in the discussion of the EU's ability to impact norms in the online sphere is because Reddit is currently outside the scope of EU legislation, binding and non-binding. The differing philosophies of the US and EU on hate speech centers around the meaning of individual rights in the context of a free and democratic society. Thus, this conflict can be understood as a tension around the meaning of human rights between the EU and the US; with the EU's introduction of hate speech regulation online as a distinct effort to influence human rights norms in American tech companies who operate in an environment that holds contrary opinions.

Risse and Sikkink (1999) would identify the processes through which human rights norms are ultimately progressed from "commitment to compliance". Because political actors ultimately rely upon the recognition from, and interaction with, other political actors; it then becomes possible for different norms of human rights to be socialized into other regions. This process of socialization embodies three separate processes. The first process is "instrumental adaptation", where actors, upon mounting pressure from other actors, make "tactical concessions" in the human rights realm, whether that involves making formal commitments or signing binding treaties. The second process involves "argumentative discourses" that involve, "shaming and denunciations, not aimed at producing changing minds with logic, but on changing minds by isolating or embarrassing the target" (Risse and Sikkink, 1999). The third and final process concerns "institutionalization and habitualization", in which the norms being diffused are viewed by the actor as the "normal thing to do".

The evolution of Reddit's content policy is evidence of the third process of the EU's concentrated effort to socialize American tech platforms to its own conception of human rights and hate speech, to remarkable success. While Reddit and other tech platforms are not distinct political actors as originally envisioned by Risse and Sikkink (1999), it is possible to argue that the two did not anticipate the prevalence of social media in daily life in 1999, and today, several arguments have been made for tech platforms to be considered as distinct political entities (Helberger, 2020; Gilardi, 2021).

In 2015, the EU would see the first processes of argumentation, specifically, naming and shaming, when German Justice Minister Heiko Maas threatened Facebook with regulations on a parliamentary level if the company neglected to address the growing prevalence of hate speech

on the platform (DW, 2015). Instrumental adaptation would begin for American tech platforms in the dialogue that began between the EU and US social media sites following Maas' public callout, that eventually birthed the 2016 Code on Countering Illegal Hate Speech Online (Oltermann, 2016) that made the removal of hate speech standard practice. It can easily be argued that the EU was effective in socializing platforms to hate speech norms, as nearly every major American tech platform holds some level of restriction on offensive language. However, scrutiny of the effectiveness of the Code in socializing *users* of these platforms to European norms around hate speech is difficult; as platforms like Facebook, Twitter, and Google do not offer the opportunity for users to directly interact with changing content policy. With the option for users to directly interact with changing policy, Reddit creates the unique opportunity to examine the shifting dialogue within and between users as hate speech removal becomes standard in American tech companies.

When considering the prevalence of an expressed need to protect marginalized groups in the top salient topics from 2020; while the debate in general may not fully reflect a complete commitment to European standards over American ones, it is clear that the ideas that motivated the EU's Code in the first place have entered the consciousness of internet users. In other words, the standards of hate speech removal on platforms, as first enshrined in the Code, has been accepted by a good portion of users as normal; offering not only evidence for the EU's regulatory power in this realm, but its power in shaping the norms of the internet to their conception of individual rights. After the banning of Donald Trump and related accounts by Reddit and several other platforms, a spokesperson for Angela Merkel, chancellor of Germany at the time, released this statement in response: "...the fundamental right [of freedom of expression] can be interfered with, but along the lines of the law and within the framework defined by the lawmakers. Not according to the decision of the management of social media platforms" (Birmingham, 2021). While the debate continues surrounding which actor has the right to remove content from platforms; Merkel's comment and the results of this analysis make one thing clear: hate speech removal is now standard practice in the minds of moderators and policymakers and in the minds of users as well.

## VII. Future Work

Scraping general user data and topic modeling what they say about content policy updates and the freedom of speech and censorship can be extended to other social media platforms under the scope of the EU, as well as outside the scope of the EU, as has been done here. Furthermore, sentiment analysis could be utilized to not only discover what topics are being brought up by users in response to hate speech regulation, but also to analyze the sentiments attached to each topic.

Future work would include sentiment analysis of the body of the comments on each Reddit post and using these sentiments over time as covariates in the STM. We would also like to explore statements, their topics and sentiments, at different points in time on other social media platforms.

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## Appendix

### Topic list for 2015 AMA:

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#### Topic 1 Top Words:

Highest Prob: action, act, may, particular, term, form, equal  
 FREX: action, associ, justifi, act, sentenc, equal, thus  
 Lift: calappd, calappth, calrptr, calrptrd, courtroom, hankin, omit  
 Score: action, act, associ, justifi, discrimin, form, equal

#### Topic 2 Top Words:

Highest Prob: thing, easi, outsid, busi, fit, main, horribl  
 FREX: easi, anonym, horribl, fit, stick, togeth, replac  
 Lift: --thinly-veil, <URL>, searchal, sibl, uchesterhiggenbothum, woosh, 4 r n 7  
 Score: busi, easi, horribl, anonym, section, fit, main

#### Topic 3 Top Words:

Highest Prob: discuss, place, open, reddit, plan, polic, restrict  
 FREX: authent, conflict, worri, plan, discuss, door, restrict  
 Lift: ayyyi, pages—, reddit—, vocabulari, authent, site”, prolong  
 Score: discuss, open, authent, plan, restrict, conflict, worri

#### Topic 4 Top Words:

Highest Prob: good, reason, case, subject, decis, standard, need  
 FREX: court, good, standard, suprem, decis, lack, subject  
 Lift: prurient, concur, excretori, <URL>, <URL>, literari, miller  
 Score: good, court, standard, case, subject, decis, reason

#### Topic 5 Top Words:

Highest Prob: clear, polici, ask, seem, respons, exact, sinc  
 FREX: polici, ask, clear, friend, respons, offici, sort  
 Lift: <URL>, <URL>, <URL>, <URL>, <URL>, piggyback, ofpeopl  
 Score: polici, ask, clear, respons, friend, sort, intend

#### Topic 6 Top Words:

Highest Prob: tri, system, told, can, live, sometim, time  
 FREX: tri, told, reflect, system, sometim, unfortun, convinc  
 Lift: chucklefuck, gamemast, <URL>, lobbingspotatoesatclown, pnp, rck, rome  
 Score: tri, system, told, sometim, unfortun, reflect, period

#### Topic 7 Top Words:

Highest Prob: uspez, hope, ama, surpris, gonna, worst, drama  
 FREX: ama, uspez, advic, shitstorm, yishan, gonna, surpris  
 Lift: pre-prepar, rblog, spaz, theyeticaptain, umdri, uusersimul, <URL>  
 Score: uspez, ama, hope, gonna, surpris, worst, afraid

#### Topic 8 Top Words:

Highest Prob: stori, media, agenda, push, chan, toxic, leak  
 FREX: reurop, riot, stori, agenda, chan, kotakuinact, leak  
 Lift: fondl, gerstmann, relent, reurop, rioter, tendril, tenuous  
 Score: reurop, agenda, media, stori, chan, gamerg, leak

#### Topic 9 Top Words:

Highest Prob: person, public, inform, name, pictur, post, doxx  
 FREX: photo, pictur, name, imgur, confidenti, inform, pic  
 Lift: astronaut, cereal, collag, gaf, isntt, slimgur, super-leet  
 Score: name, public, pictur, imgur, inform, doxx, photo

#### Topic 10 Top Words:

Highest Prob: wrong, thought, alway, mind, side, human, correct  
 FREX: thought, alway, happi, board, wrong, correct, dark

- Lift: shade, sheepl, highi, <URL>, <URL>, <URL>, hubri  
Score: thought, alway, wrong, side, correct, happi, human
- Topic 11 Top Words:  
Highest Prob: right, reddit, censorship, censor, privat, speak, govern  
FREX: bastion, right, speak, govern, censorship, amend, censor  
Lift: ayyyyy, <URL>, inalien, ngger, spraypaint, speech, unworthi  
Score: right, bastion, govern, censorship, privat, censor, amend
- Topic 12 Top Words:  
Highest Prob: illeg, law, state, link, copyright, host, reddit  
FREX: copyright, illeg, weed, dmca, law, download, drug  
Lift: buysel, cali, cloudflar, contributori, dcma, fatsham, feloni  
Score: illeg, copyright, law, materi, drug, host, legal
- Topic 13 Top Words:  
Highest Prob: post, comment, thread, look, read, time, downvot  
FREX: downvot, thread, read, post, upvot, comment, respond  
Lift: lake, mach, scoop, <URL>, redditaltern, shore, topthi  
Score: post, comment, thread, downvot, upvot, read, look
- Topic 14 Top Words:  
Highest Prob: probabl, vote, rape, subscrib, get, less, might  
FREX: karma, vote, probabl, nah, subscrib, rape, solut  
Lift: cannib, certif, font, fuzz, gilberto, <URL>, irreconcil  
Score: vote, rape, probabl, karma, subscrib, solut, altern
- Topic 15 Top Words:  
Highest Prob: think, that, thing, theyr, doesnt, problem, everyon  
FREX: that, theyr, think, everyon, better, agre, problem  
Lift: compound, <URL>, litig, flippiti, hah, usupcaci, that  
Score: that, think, thing, theyr, better, doesnt, everyon
- Topic 16 Top Words:  
Highest Prob: opinion, view, person, polit, attack, feel, disagree  
FREX: echo, opinion, chamber, oppos, attack, view, viewpoint  
Lift: 'grey, 'safe, 'sensitivity', "content, anti-porn, area", content-neutr  
Score: opinion, view, attack, polit, chamber, echo, viewpoint
- Topic 17 Top Words:  
Highest Prob: race, object, differ, one, use, measur, valu  
FREX: basketbal, object, measur, player, notion, cluster, race  
Lift: analys, ascertain, classificatori, heurist, non-sickle-cel, pan, solar  
Score: race, biodivers, subspeci, haplogroup, basketbal, object, genet
- Topic 18 Top Words:  
Highest Prob: communiti, question, answer, reddit, tool, can, issu  
FREX: communiti, answer, question, process, communic, forward, tool  
Lift: decentr, patch, spook, akron, doucher, gasolin, honorari  
Score: communiti, answer, question, tool, communic, process, reddit
- Topic 19 Top Words:  
Highest Prob: social, argu, moral, respect, justic, ration, challeng  
FREX: moral, social, respect, warrior, challeng, rude, killer  
Lift: Beginn, india, medicin, nudg, vitamin, <URL>, fempiresrd  
Score: moral, social, respect, justic, argu, ration, killer
- Topic 20 Top Words:  
Highest Prob: end, address, absolut, nobodi, one, easili, get  
FREX: christ, sick, absolut, end, jesus, rcandidfashionpolic, address  
Lift: apathet, ipv, nazareth, putrid, telephon, tract, veneer  
Score: end, address, jesus, absolut, somebodi, christ, nobodi
- Topic 21 Top Words:  
Highest Prob: racist, shit, women, serious, men, lol, sjw  
FREX: men, shit, trp, lol, women, sjw, hilari  
Lift: -colour, chromosom, fedora, gasthekek, gsm, non-smok, pussypass

- Score: racist, shit, women, men, lol, sjw, serious
- Topic 22 Top Words:  
 Highest Prob: talk, way, give, let, anyon, know, wouldnt  
 FREX: anyon, give, talk, wouldnt, let, bother, doubt  
 Lift: ceown, <URL>, <URL>, <URL>, <URL>, <URL>, <URL>  
 Score: anyon, give, hodor, talk, wouldnt, let, way
- Topic 23 Top Words:  
 Highest Prob: game, forum, kia, level, play, video, miss  
 FREX: warlizard, kia, game, journal, holi, level, play  
 Lift: errand, gearbox, jabroni, pray, rfirespez, simciti, "master  
 Score: game, kia, journal, forum, ethic, level, warlizard
- Topic 24 Top Words:  
 Highest Prob: harass, group, anyth, peopl, bulli, individu, other  
 FREX: intimid, bulli, silenc, behavior, individu, group, harass  
 Lift: <URL>, <URL>, <URL>, <URL>, oklet, intimid, hive-mind  
 Score: harass, bulli, group, intimid, individu, silenc, abus
- Topic 25 Top Words:  
 Highest Prob: interest, instead, reddit, decid, topic, popular, hand  
 FREX: popular, instead, topic, interest, select, hand, parent  
 Lift: eta, illuminati, super-downvot, tryhard, antithesi, lectur, demmian  
 Score: topic, interest, instead, popular, hand, decid, news
- Topic 26 Top Words:  
 Highest Prob: your, mayb, just, offend, love, bullshit, okay  
 FREX: okay, your, mayb, asshole, love, idiot, bullshit  
 Lift: disk, reptil, sopa, stimuli, unhing, clifford, being  
 Score: your, mayb, bullshit, love, idiot, asshole, offend
- Topic 27 Top Words:  
 Highest Prob: speech, free, freedom, express, protect, allow, say  
 FREX: speech, freedom, free, express, consequ, unfett, principl  
 Lift: farewell, fetter, <URL>, <URL>, <URL>, <URL>, triggeredteehe  
 Score: speech, free, freedom, express, protect, unfett, consequ
- Topic 28 Top Words:  
 Highest Prob: dont, like, just, want, realli, see, say  
 FREX: dont, realli, want, like, care, ill, see  
 Lift: hatebrigad, nato, shhhhhhhh, uchristaliaferro, brazilian, discord, utc  
 Score: dont, like, want, just, realli, see, say
- Topic 29 Top Words:  
 Highest Prob: black, white, coontown, kill, rcoontown, man, die  
 FREX: nigger, coontown, die, black, commit, white, roof  
 Lift: plastic, cya, flush, haunt, hippy, <URL>, munch  
 Score: black, white, coontown, kill, crime, nigger, supremacist
- Topic 30 Top Words:  
 Highest Prob: subreddit, rule, allow, encourag, enforc, mani, break  
 FREX: rule, subreddit, encourag, break, enforc, warn, guidelin  
 Lift: banana, haikus, hiaku, ponzi, removedban, throwingpotatosatclown, doot  
 Score: subreddit, rule, encourag, enforc, break, allow, guidelin
- Topic 31 Top Words:  
 Highest Prob: well, said, never, didnt, use, shadowban, guess  
 FREX: never, well, spez, shadowban, shadow, said, didnt  
 Lift: <URL>, <URL>, <URL>, <URL>, <URL>, <URL>, title-text  
 Score: well, said, shadowban, never, didnt, nice, shadow
- Topic 32 Top Words:  
 Highest Prob: work, thank, yes, keep, wont, edit, yeah  
 FREX: thank, donger, bot, wont, edit, yeah, check  
 Lift: blowjob, toast, \ٚ ٚٚٚ \/, donger, dork, entryism, musician  
 Score: thank, yeah, yes, wont, bot, edit, spam

- Topic 33 Top Words:  
 Highest Prob: already, new, set, sourc, tag, like, add  
 FREX: tag, rall, sourc, nsfl, already, overwritten, <URL>  
 Lift: ofnv, hintus, possib, <URL>, useraposs, overwritten  
 Score: tag, nsfw, sourc,<URL>, useraposs, already, nsfl
- Topic 34 Top Words:  
 Highest Prob: will, content, offens, sens, violat, see, defin  
 FREX: violat, decenc, content, sens, will, list, common  
 Lift: silo, decenc, login, usefulbot, checkbox, futhermor, advisori  
 Score: content, will, decenc, violat, sens, nsfw, common
- Topic 35 Top Words:  
 Highest Prob: fuck, cant, someon, call, tell, arent, stop  
 FREX: fuck, cant, stupid, sorri, tell, anymor, liter  
 Lift: outta, ping, sbinp, setuid, existenti, ghostfac, liveleak  
 Score: fuck, cant, stupid, liter, tell, call, arent
- Topic 36 Top Words:  
 Highest Prob: top, comment, reddit, pao, ceo, click, certain  
 FREX: <URL>, ceo, pao, join, due, ellen, top  
 Lift: <URL>, lactos, preferenti, trumped-, unjustifi, updoot, <URL>  
 Score: overwrit, <URL>, <URL>, greasemonkey, <URL>-monkey, <URL>, safari
- Topic 37 Top Words:  
 Highest Prob: take, happen, kike, overthi, nutshel, overv, rmurica  
 FREX: kike, happen, overthi, take, overv, nutshel, rmurica  
 Lift: kike, overthi, overv, happen, take, nutshel, rmurica  
 Score: overthi, kike, take, happen, overv, nutshel, rmurica
- Topic 38 Top Words:  
 Highest Prob: great, bring, hear, intent, threaten, person, organ  
 FREX: threaten, hear, great, bring, repetit, disturb, touch  
 Lift: pester, thankyou, washington, big-budget, derek, duck-siz, horse-s  
 Score: threaten, great, hear, bring, articl, organ, intent
- Topic 39 Top Words:  
 Highest Prob: real, reddit, life, lose, move, corpor, internet  
 FREX: holocaust, denial, digg, lose, corpor, traffic, powermod  
 Lift: atroc, bbss, monetari, fetus, latent, mattress, rbadcopnodonut  
 Score: real, corpor, lose, holocaust, digg, traffic, life
- Topic 40 Top Words:  
 Highest Prob: ban, sub, srs, brigad, fph, link, harass  
 FREX: brigad, srd, srs, ban, fph, proof, evid  
 Lift: -someth, gasthekik, nineti, askmen, <URL>, evas, <URL>  
 Score: ban, sub, fph, srs, brigad, link, harass
- Topic 41 Top Words:  
 Highest Prob: differ, safe, space, terribl, describ, race, one  
 FREX: safe, space, differ, terribl, amaz, describ, scare  
 Lift: down, reedit, arisen, biologist, breastplat, combust, either-  
 Score: differ, safe, space, race, subspeci, terribl, speci
- Topic 42 Top Words:  
 Highest Prob: back, websit, default, hate, time, reddit, recruit  
 FREX: back, largest, chimpir, reput, ralli, fester, blah  
 Lift: antebellum, captain, crank, litter, paosuekjp, peel, phrenolog  
 Score: back, websit, default, rvideo, blah, hate, chimpir
- Topic 43 Top Words:  
 Highest Prob: peopl, hate, make, fat, fun, hurt, suicid  
 FREX: fat, hate, fun, suicid, shame, overweight, rfatlog  
 Lift: lulz, glutton, <URL>, mow, nutrit, pothead, rfeministfrequ  
 Score: peopl, hate, fat, fun, suicid, rfatpeopleh, fatpeopleh
- Topic 44 Top Words:

Highest Prob: guy, hard, joke, total, get, hey, cool  
 FREX: guy, rekt, cool, hey, joke, hard, ton  
 Lift: <URL>, lighten, rekt, grape, neon, parliament, shrekt  
 Score: guy, rekt, joke, cool, hard, hey, sjws

Topic 45 Top Words:

Highest Prob: reddit, site, make, money, advertis, will, gold  
 FREX: contradict, money, profit, bet, gold, buy, advertis  
 Lift: anti-x, dubya, monit, pepsi, pro-x, upkeep, ess  
 Score: site, money, reddit, advertis, gold, profit, contradict

Topic 46 Top Words:

Highest Prob: line, argument, draw, societi, continu, racist, ratheism  
 FREX: ratheism, line, draw, nazi, genocid, emot, rchristian  
 Lift: craze, invers, man-children, <URL>, repar, unapologet, unmanag  
 Score: line, ratheism, draw, argument, nazi, societi, belief

Topic 47 Top Words:

Highest Prob: sure, pretti, much, racism, caus, sound, can  
 FREX: pretti, sure, sound, slope, slipperi, sexism, safeti  
 Lift: deafen, ditto, endeavor, hate-centr, institutionalingrain, nauseat, pond  
 Score: pretti, sure, racism, sound, slope, slipperi, logic

Topic 48 Top Words:

Highest Prob: mod, user, remov, moder, admin, can, sub  
 FREX: mod, delet, remov, moder, report, user, account  
 Lift: banter, cetera, flub, <URL>, modqueu, oneself, relinquish  
 Score: mod, user, moder, remov, delet, admin, account

Topic 49 Top Words:

Highest Prob: now, chang, specif, year, pleas, two, help  
 FREX: pleas, hes, specif, now, ago, chang, wait  
 Lift: flip-flop, flop, <URL>, turtl, bingo, rcrackertown, dworkin  
 Score: specif, now, chang, year, pleas, hes, ago

Topic 50 Top Words:

Highest Prob: get, reddit, can, mean, complet, someth, isnt  
 FREX: complet, get, mean, general, someth, deal, lot  
 Lift: mysoginist, discount, scholarship, eras, complet, disabl, general  
 Score: get, complet, reddit, mean, general, someth, can

## Topic list for 2018 Content Policy:

Topic 1 Top Words:

Highest Prob: dont, say, theyr, need, anyth, claim, liber  
 FREX: theyr, extremist, dont, safe, eye, refut, wors  
 Lift: neglect, quash, rob, bob, favourit, -touch, aight  
 Score: dont, say, theyr, need, liber, violat, safe

Topic 2 Top Words:

Highest Prob: subreddit, rule, someth, ask, that, respons, guy  
 FREX: subreddit, rall, joke, rpopular, humor, rule, ask  
 Lift: rebuttel, rpopular, subreddit, anyhow, balloon, bark, blackout  
 Score: subreddit, rule, rall, break, joke, moder, ask

Topic 3 Top Words:

Highest Prob: ban, speech, hate, free, read, first, exact  
 FREX: voat, hate, echochamb, ban, hill, speech, infest



- Lift: brightest, durr, lib, alan, articul, banning”, blackpeopletwitt  
 Score: ban, speech, hate, free, read, voat, first
- Topic 4 Top Words:  
 Highest Prob: post, comment, look, link, see, still, mod  
 FREX: link, post, delet, rthedonald, comment, repli, front  
 Lift: “genocid, anti-semet, atleast, baizous, boner, cedit, cherry-pick  
 Score: post, comment, link, delet, page, mod, downvot
- Topic 5 Top Words:  
 Highest Prob: left, trump, vote, statement, elect, presid, republican  
 FREX: republican, hillari, berni, candid, fox, kavanaugh, clinton  
 Lift: benghazi, counti, creepi, disservic, fragility”, gateway, hmhhh  
 Score: trump, hillari, vote, left, republican, clinton, kavanaugh
- Topic 6 Top Words:  
 Highest Prob: world, countri, live, state, capit, capitalist, social  
 FREX: institut, slaveri, modern, initi, usa, capitalist, educ  
 Lift: institut, anti-vaxx, await, british, circus, coloni, conflict-driven  
 Score: countri, capit, capitalist, world, educ, america, modern
- Topic 7 Top Words:  
 Highest Prob: nazi, kill, genocid, fascist, holocaust, peopl, million  
 FREX: genocid, nazi, fascist, mao, palestinian, holocaust, fascism  
 Lift: albeism, arabia, axi, bastard, ceausescu, ceausescu, cth  
 Score: nazi, genocid, fascist, kill, famin, ethnic, jew
- Topic 8 Top Words:  
 Highest Prob: much, platform, can, privat, social, protect, compani  
 FREX: compani, gold, protect, privat, platform, slope, pressur  
 Lift: alter, bakeri, chariti, confront, freez, fuckwit, guardian  
 Score: privat, compani, platform, social, protect, govern, media
- Topic 9 Top Words:  
 Highest Prob: peopl, make, one, actual, said, never, happen  
 FREX: make, money, thought, ’re, though, fun, happen  
 Lift: blackjack, dementia, facebookinstagramtwitt, fascin, feelingsens, rsanctionedsuicid, vial  
 Score: peopl, make, ’re, never, talk, money, actual
- Topic 10 Top Words:  
 Highest Prob: exampl, year, problem, side, either, issu, brigad  
 FREX: aaron, exampl, harass, insult, brigad, last, late  
 Lift: againstthesubreddit, constitu, constrain, euro, orient, seeth, streak  
 Score: exampl, brigad, year, side, harass, insult, last
- Topic 11 Top Words:  
 Highest Prob: reddit, will, admin, see, even, sure, keep  
 FREX: reddit, thank, admin, keep, will, continu, next  
 Lift: rcanada, rstopadvertis, ad-friend, afloat, apocalyps, beard, bogeyman  
 Score: reddit, admin, will, thank, keep, step, sure
- Topic 12 Top Words:  
 Highest Prob: polit, violenc, open, rpolit, ignor, chamber, echo  
 FREX: chamber, echo, poster, rpolit, violenc, rtd, open  
 Lift: abhor, ahs, anti-lgbt, aswel, <URL>, confisc, corps  
 Score: violenc, rpolit, polit, echo, chamber, open, ideolog
- Topic 13 Top Words:  
 Highest Prob: fuck, shit, time, liter, everi, get, yeah  
 FREX: god, lsc, ass, shit, fuck, bullshit, yeah  
 Lift: villag, abet, accid, aggreanc, ala, bingo, cellshhttparchiveisvpax  
 Score: fuck, shit, liter, everi, time, bullshit, god
- Topic 14 Top Words:  
 Highest Prob: right, know, call, mean, doesnt, just, propaganda  
 FREX: russian, propaganda, wing, troll, faggot, victim, spread  
 Lift: wink, ayup, lick, boat, breadlin, castil, clear-cut

- Score: right, propaganda, call, russian, spread, wing, mean
- Topic 15 Top Words:  
 Highest Prob: thing, censorship, site, view, censor, allow, seem  
 FREX: desktop, access, censor, site, mobil, censorship, toxic  
 Lift: comcast, applaus, benjamin, bowti, bumpi, duck, foul  
 Score: censorship, mobil, site, censor, access, view, websit
- Topic 16 Top Words:  
 Highest Prob: want, white, idea, peopl, black, major, okay  
 FREX: fragil, jone, skin, okay, white, want, idea  
 Lift: anyone', fee, latino, mayocid, psyop, -group, alley  
 Score: white, want, black, idea, oppress, okay, race
- Topic 17 Top Words:  
 Highest Prob: get, support, trump, word, stupid, man, pleas  
 FREX: retard, nigga, orang, mate, dick, rid, lmao  
 Lift: armenian, automatiskt, beta, bless, bold, dairi, denna  
 Score: trump, support, get, stupid, pleas, retard, man
- Topic 18 Top Words:  
 Highest Prob: good, cant, tri, lol, take, got, arent  
 FREX: yike, lol, got, keto, good, arent, guess  
 Lift: kalori, inabl, interbre, mutil, "chines, botshill", bow  
 Score: lol, good, got, tri, cant, arent, big
- Topic 19 Top Words:  
 Highest Prob: case, group, great, also, even, term, job  
 FREX: case, fine, owner, particular, basi, impli, refer  
 Lift: cancel, jeong, kotkin, valeri, ann, coulter, enoch  
 Score: case, slave, term, group, great, standard, basi
- Topic 20 Top Words:  
 Highest Prob: fact, believ, agre, power, definit, must, accept  
 FREX: must, fact, truth, agre, truli, equal, valu  
 Lift: abnorm, dint, falsehood, hypothesi, interrog, orwel, overus  
 Score: believ, agre, fact, power, truth, must, definit
- Topic 21 Top Words:  
 Highest Prob: think, just, your, realli, bad, can, someone  
 FREX: your, bad, realli, tldr, think, defend, sad  
 Lift: cringey, gallop, gish, glorious, goup, helperbot, lone  
 Score: your, think, opinion, bad, realli, someone, just
- Topic 22 Top Words:  
 Highest Prob: like, use, well, racist, don't, stop, racism  
 FREX: shill, misogyni, racist, block, poseidon, like, spacedick  
 Lift: alright, bluewav, bookmark, ftfi, jimmi, poseidon, shill  
 Score: like, don't, racist, use, well, stop, racism
- Topic 23 Top Words:  
 Highest Prob: sub, quarantin, can, communiti, user, content, list  
 FREX: quarantin, nsfw, accident, revenu, sub, heads-, search  
 Lift: "ban", aboutjson, accident, accross, blank, canari, commentspost  
 Score: quarantin, sub, content, user, communiti, offens, list
- Topic 24 Top Words:  
 Highest Prob: now, way, point, differ, come, let, chang  
 FREX: feminist, femin, now, women, turn, men, male  
 Lift: anti-tran, cannib, condescend, desies, femin, globalist, honey  
 Score: now, way, men, chang, let, come, point
- Topic 25 Top Words:  
 Highest Prob: everyon, els, peopl, like, way, know, say  
 FREX: everyon, els, consequ, mine, arm, daughter, depend  
 Lift: antagon, cobra, cousin, hanniti, joo, milleni, oklahoma  
 Score: everyon, els, opium, streisand, peopl, fuck, gofundm

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Topics of 2020 Content Policy update:

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Topic 1 Top Words:

Highest Prob: actual, guy, lmao, absolut, shut, ill, ass  
FREX: shut, rbigchungus, lmao, trash, asshol, holi, soyboy  
Lift: boooooooooo, cop-, groundwork, jerkofftomymom, latt, moli, oppression”  
Score: guy, actual, lmao, absolut, shut, ass, asshol

Topic 2 Top Words:

Highest Prob: come, give, work, back, money, fight, kid  
FREX: digg, give, asylum, come, money, fund, ton  
Lift: alexa, alrighti, argentium, de-human, defundreddit, disastr, fark  
Score: give, back, come, money, work, award, illeg

Topic 3 Top Words:

Highest Prob: never, ive, ever, man, person, seen, life  
FREX: ive, never, hey, seen, dumbest, ever, listen  
Lift: drip-f, <URL>, kneejerk, rapper, self-respect, sheep”, statistics”  
Score: never, ive, seen, man, ever, hey, life

Topic 4 Top Words:

Highest Prob: reddit, fuck, place, websit, bullshit, leav, done  
FREX: reddit, websit, leav, place, fuck, yea, bullshit  
Lift: kristallnacht, mfw, party’, puta, rexxit, <URL>, assho  
Score: reddit, fuck, websit, place, leav, bullshit, done

Topic 5 Top Words:

Highest Prob: great, squar, tiananmen, forward, 李洪志, 法輪功, tibet  
FREX: squar, tiananmen, 李洪志, 法輪功, tibet, 天安門, 天安门  
Lift: tibet, abduct, anti-protect, anti-rightist, anti-riot, baggag, epoch  
Score: 李洪志, 法輪功, 天安門, 天安门, great, falun, tiananmen

Topic 6 Top Words:

Highest Prob: year, activ, month, ago, basic, wont, wait  
FREX: didn’t, yall, ago, gamer, year, rwojak, month  
Lift: rhongkong, rtrump, aha, cofound, gamer, hategroup, <URL>  
Score: year, ago, month, rsino, donald, wait, didn’t

Topic 7 Top Words:

Highest Prob: china, countri, system, parti, cultur, america, democrat  
FREX: ccp, cancel, own, democraci, tencent, parti, econom  
Lift: conspiratori, militar, anti-asian, asset, ccp, cpc, denmark  
Score: china, democrat, system, countri, america, cultur, parti

Topic 8 Top Words:

Highest Prob: even, though, stop, pretend, doubt, chanc, unlik  
FREX: someone’, undeletepar, <URL>, ripreddit, <URL>, <URL>, doubt  
Lift: chungu, gottem, indubit, les, lmaoooooooo, ripreddit, someone’  
Score: even, though, stop, pretend, doubt, unlik, chanc

Topic 9 Top Words:

Highest Prob: realiti, behavior, soon, repeat, essenti, ahead, dare  
FREX: soon, hello, touch, horseshit, mask, essenti, incorrect  
Lift: bane, blockad, crucial, fidel, tienanmen, tumor, wahhhh  
Score: realiti, behavior, soon, repeat, touch, dare, ahead


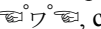
Topic 10 Top Words:

Highest Prob: see, happen, side, love, god, stand, hear

- FREX: side, hear, bless, love, lefti, god, happen  
Lift: amen, cumrad, bless, leisir, seibel, semper, side  
Score: see, side, happen, love, god, hear, stand
- Topic 11 Top Words:  
Highest Prob: women, men, tran, male, space, feminist, safe  
FREX: exclusionari, men, feminist, women, misogynist, safe, misogyni  
Lift: “biolog, bachelorbacheloret, commiser, gendercriticalguy, inventori, lipstick, mansplain  
Score: women, men, tran, feminist, male, space, femin
- Topic 12 Top Words:  
Highest Prob: ban, sub, subreddit, got, chapo, slave, cth  
FREX: subreddit, sub, ban, evas, got, mad, chapo  
Lift: campshhtpsiiimgurcomwetfjppg, deadlyfetish, lad, otoh, surreal, thediddl, trans-friend  
Score: ban, sub, subreddit, chapo, got, slave, owner
- Topic 13 Top Words:  
Highest Prob: will, now, sinc, open, appar, rest, longer  
FREX: shitpost, blah, offici, now, will, pack, sinc  
Lift: 🗑️, aye, dab, devolut, downstream, fullscreen, <URL>  
Score: now, will, open, sinc, offici, appar, rest
- Topic 14 Top Words:  
Highest Prob: much, sure, pretti, obvious, lie, full, funni  
FREX: pcm, cumtown, redditor, fragil, fbi, satir, sure  
Lift: banter, boooooo, goat, hmmm, moulderin, offmychest, pcm  
Score: sure, pretti, lie, much, fragil, obvious, troll
- Topic 15 Top Words:  
Highest Prob: still, vote, etc, repli, popular, rgendercrit, worri  
FREX: rchodi, worri, strang, rgendercrit, misogynyfetish, hillari, rcommun  
Lift: deadey, kurd, oust, pinch, rabuseporn, rbanfemalehatesub, rbanmalehatesub  
Score: still, vote, repli, rgendercrit, popular, worri, bet
- Topic 16 Top Words:  
Highest Prob: talk, rape, porn, argu, consent, video, child  
FREX: kink, consensu, porn, rape, fantasi, fetish, talk  
Lift: dimorph, gentl, hentai, irrit, ampute, charm, cnc  
Score: rape, porn, talk, consent, kink, fantasi, child
- Topic 17 Top Words:  
Highest Prob: polit, left, conserv, liber, far, leftist, ideolog  
FREX: lean, left, polit, agenda, left-w, liber, leftist  
Lift: lean, swallow, adguardhhtpadguardcom, bla, boon, breather, chrome  
Score: left, polit, leftist, liber, conserv, chamber, echo
- Topic 18 Top Words:  
Highest Prob: can, anyon, tell, find, pleas, els, somewher  
FREX: somewher, anyon, tell, can, find, els, pleas  
Lift: 🦋🦋🦋🦋🦋🦋🦋🦋🦋, emir, <URL>, mysoginist, oman, oprah  
Score: can, anyon, pleas, tell, find, els, somewher
- Topic 19 Top Words:  
Highest Prob: good, bad, clear, already, must, faith, final  
FREX: faith, bad, already, reddit—, good, clear, riddanc  
Lift: “view, anti-corpor, bad, groomer, pickl, reddit—, shoo  
Score: good, bad, faith, clear, already, final, spectrum
- Topic 20 Top Words:  
Highest Prob: post, comment, remov, made, account, edit, thread  
FREX: post, comment, report, account, button, link, remov  
Lift: tuesday, hyperlink, <URL>, threshold, -day, alliter  
Score: post, comment, report, account, thread, link, remov
- Topic 21 Top Words:  
Highest Prob: real, gone, best, learn, told, voic, pick  
FREX: gone, bootlick, voic, folk, left-lean, learn, 🦋🦋🦋🦋🦋

- Lift: parad, blaze, calvin, diversifi, foreskin, gone, hairi  
Score: gone, real, learn, best, voic, pick, told
- Topic 22 Top Words:  
Highest Prob: mod, user, communiti, power, action, taken, rthedonald  
FLEX: rthedonald, mod, mute, inact, communiti, awe, trip  
Lift: pigpoopballsjpg, rireland, spook, stinki, эго, 🦋🦋🦋, 🦋🦋🦋🦋🦋🦋🦋🦋🦋  
Score: mod, user, communiti, rthedonald, team, power, abus
- Topic 23 Top Words:  
Highest Prob: support, yeah, trump, nazi, evid, today, easi  
FLEX: bro, doj, yeah, booster, <URL>, counterproduct  
Lift: “fair, “watchredditdie”, 🦋🦋🦋shut, autogynephilia, awww, bernard, blanchard  
Score: trump, nazi, yeah, support, evid, beauti, bro
- Topic 24 Top Words:  
Highest Prob: realli, understand, ask, ignor, serious, respons, honest  
FLEX: understand, realli, ask, serious, went, ignor, interest  
Lift: pseudo, bark, frail, urgh, went, understand, curios  
Score: realli, understand, ask, ignor, serious, honest, interest
- Topic 25 Top Words:  
Highest Prob: your, wrong, noth, there, critic, dude, what  
FLEX: cunt, your, wrong, noth, karen, dumpster, truli  
Lift: apach, cht, tramra, cunt, dumpster, felicia, zoom  
Score: your, wrong, noth, dude, what, critic, youv
- Topic 26 Top Words:  
Highest Prob: shit, thank, uspez, question, least, answer, dumb  
FLEX: unwordcountbot, dumb, liar, answer, question, uspez, thank  
Lift: 🙌🙌🙌, archiveorg, rgaymarriag, shove”, trashy, yorker, “pleas  
Score: shit, thank, uspez, question, answer, piec, dumb
- Topic 27 Top Words:  
Highest Prob: rule, content, new, admin, polici, moder, break  
FLEX: enforc, content, break, moder, broke, new, violat  
Lift: “nuh, “violent, content”, defianc, instaban, non-nest, pikabu  
Score: rule, content, admin, new, moder, polici, break
- Topic 28 Top Words:  
Highest Prob: don’t, ’re, definit, ’ve, doesn’t, can’t, isn’t  
FLEX: don’t, can’t, isn’t, aren’t, ’re, doesn’t, haven’t  
Lift: “just, populist, rehabilit, “certain, “expand, action”, aren’t  
Score: ’re, don’t, definit, ’ve, doesn’t, isn’t, can’t
- Topic 29 Top Words:  
Highest Prob: right, wing, stupid, realiz, most, lgbt, none  
FLEX: stupid, wing, right, kinda, lul, lgbt, realiz  
Lift: auth-centr, ditto, drophet, <URL>, neoliberalist, persuas, privatis  
Score: right, wing, stupid, realiz, lgbt, kinda, extremist
- Topic 30 Top Words:  
Highest Prob: keep, gonna, speak, cri, respect, pay, worth  
FLEX: gonna, fan, boot, keep, speach, speak, observ  
Lift: angrier, ccps, chuckl, mma, quicker, recov, richard  
Score: keep, gonna, cri, speak, pay, figur, eye
- Topic 31 Top Words:  
Highest Prob: suck, wow, moral, statement, evil, dick, boy  
FLEX: suck, cock, brave, authent, wow, lectur, moral  
Lift: “blm”, “deplatform”, aros, booo, brave, cock, comed  
Score: suck, wow, dick, evil, moral, statement, couldnt
- Topic 32 Top Words:  
Highest Prob: posit, mental, brain, effect, chang, articl, scienc  
FLEX: dysphoria, consensus, scientif, studi, indic, health, brain  
Lift: gender-affirm, genealog, academi, accredit, adderal, anthropologist, anti-depress

- Score: transit, mental, studi, brain, scienc, posit, dysphoria
- Topic 33 Top Words:  
 Highest Prob: think, mean, that, doesnt, cant, isnt, theyr  
 FREX: sad, yup, doesnt, that, mean, weird, rfuckyoukaren  
 Lift: hahahahahahaha, repar, rfuckyoukaren, yup, anthropomorph, breakfast, inkl  
 Score: that, mean, doesnt, think, theyr, cant, yes
- Topic 34 Top Words:  
 Highest Prob: allow, base, certain, human, rememb, skin, color  
 FREX: rblackpeopletwitt, send, verifi, bpt, rwhitepeopletwitt, april, forearm  
 Lift: bpt, verifi, black-, check-mark, non-black, nonwhite-, rblackworldord  
 Score: skin, allow, rblackpeopletwitt, color, rememb, club, verifi
- Topic 35 Top Words:  
 Highest Prob: kill, polic, die, death, murder, genocid, communist  
 FREX: tanki, islam, holocaust, janni, communism, polic, iirc  
 Lift: holocaust, janni, lenin, patrol, strongest, unbridl, "religion  
 Score: kill, polic, genocid, cop, murder, communist, death
- Topic 36 Top Words:  
 Highest Prob: speech, free, freedom, privat, law, allow, govern  
 FREX: amend, privat, speech, free, law, freedom, servic  
 Lift: amend, government, megacorpor, non-fre, opress, pepperidg, roam  
 Score: speech, free, freedom, privat, law, amend, compani
- Topic 37 Top Words:  
 Highest Prob: major, group, protect, rule, hate, minor, promot  
 FREX: group, minor, major, protect, promot, global, margin  
 Lift: "disenfranchised", "hangfs", "killallnrs", "major, "protect, disability", hate"  
 Score: group, major, protect, rule, ident, hate, minor
- Topic 38 Top Words:  
 Highest Prob: believ, part, sorri, miss, christian, due, level  
 FREX: haha, buddi, impli, bibl, sorri, believ, ironi  
 Lift: buddi, delici, funniest, autogynephil, breathtak, crucifi, deprec  
 Score: believ, sorri, part, christian, miss, jesus, level
- Topic 39 Top Words:  
 Highest Prob: alway, fascist, hatr, societi, fascism, win, toler  
 FREX: ruin, fascism, scam, win, lurk, paradox, hatr  
 Lift: cutur, extinct, flippant, holotyp, missionari, mussolini, playbook  
 Score: alway, hatr, fascist, fascism, societi, win, toler
- Topic 40 Top Words:  
 Highest Prob: gender, tran, sex, woman, terf, femal, peopl  
 FREX: transphob, lesbian, vagina, genit, terf, feminin, transphobia  
 Lift: feminin, gnc, monosexu, phobic, prefix, testicl, underdevelop  
 Score: gender, sex, tran, femal, woman, terf, lesbian
- Topic 41 Top Words:  
 Highest Prob: site, becom, run, move, mind, enjoy, ruqqus  
 FREX: site, ruqqus, chan, voat, migrat, server, app  
 Lift: backer, bitchut, catch-, dent, discordhttpsdiscordggnday, donald', humanitarian  
 Score: site, ruqqus, move, becom, join, run, chan
- Topic 42 Top Words:  
 Highest Prob: big, decid, continu, quit, compani, corpor, busi  
 FREX: wtf, tech, big, quit, behind, chungus, silicon  
 Lift: baker, glorious, blackshirt, bust, chungus, chyna, eco  
 Score: big, compani, decid, quit, continu, corpor, busi
- Topic 43 Top Words:  
 Highest Prob: say, racist, call, okay, exact, world, fine  
 FREX: doubl, subtl, indian, fine, racist, fwr, say  
 Lift: "asian, "rich, azn, chapotard, gambit, rindianpeoplefacebook, subt  
 Score: racist, say, okay, asian, exact, fine, call

- Topic 44 Top Words:  
 Highest Prob: violenc, rchapotrathous, call, deserv, chapotrathous, user, celebr  
 FREX: chapotrathous, uniron, celebr, rchapotrathous, violenc, hat, deserv  
 Lift: boys<URL>, charl, <URL>  
 Score: rchapotrathous, violenc, chapotrathous, amidst, congressmen, defranco, kidsthes
- Topic 45 Top Words:  
 Highest Prob: state, general, bit, number, half, unit, hitler  
 FREX: intellig, draw, hitler, hail, hammer, bit, general  
 Lift: iranian, magnitud, plate, prosper, protein, quantum,   
 Score: state, bit, number, unit, half, hitler, general
- Topic 46 Top Words:  
 Highest Prob: peopl, white, black, racism, race, person, discrimin  
 FREX: racism, redefin, white, identitarian, supremaci, peopl, race  
 Lift: -hate, 'white, 'whiteness', "institut, avarag, caucasus, cherokeeirishgerman  
 Score: white, peopl, black, racism, race, discrimin, supremacist
- Topic 47 Top Words:  
 Highest Prob: everi, day, start, yet, old, singl, week  
 FREX: everi, slipperi, old, comedi, yet, week, singl  
 Lift: bailli, comedi, oceania, "liber, and, assail, carreer  
 Score: everi, day, yet, old, singl, start, week
- Topic 48 Top Words:  
 Highest Prob: need, read, next, write, situat, transpar, book  
 FREX: congrat, kill, laden, transpar, praxi, comprehens, read  
 Lift: amber, beleiv, bottl, congrat, kobe, praxi, rspez  
 Score: need, read, next, write, transpar, situat, kill
- Topic 49 Top Words:  
 Highest Prob: tri, someon, reason, better, issu, either, less  
 FREX: tri, reason, better, explain, hard, either, instead  
 Lift: "whites", rjustbblack, rjustbewhit, doubli, "feminist", blast, melodramat  
 Score: tri, someon, better, reason, explain, instead, less
- Topic 50 Top Words:  
 Highest Prob: make, chines, put, sens, espec, propaganda, truth  
 FREX: rchina, cring, chines, hmm, make, sens, appreci  
 Lift: dilat, non-us, cring, egyptian, flew, hmm, platinum  
 Score: make, chines, put, sens, propaganda, western, rchina
- Topic 51 Top Words:  
 Highest Prob: hope, republican, fuck, peopl, like, make, die  
 FREX: patriot, tree, gop, hope, republican, metro, quiet  
 Lift: asswip, flyover, <URL>, <URL>, <URL>, <URL>, <URL>  
 Score: republican, hope, fuck, tree, agnost, already-occur, arsenic
- Topic 52 Top Words:  
 Highest Prob: take, away, cours, step, notic, properti, wouldn't  
 FREX: "m, advic, sharehold, step, unjust, notic, rdankmem  
 Lift: "m, consolid, cyber, elections", embargo, evict, farci  
 Score: take, away, cours, properti, step, notic, wouldn't
- Topic 53 Top Words:  
 Highest Prob: get, anyth, spez, joke, littl, downvot, imagin  
 FREX: spez, downvot, pathet, nice, surpris, neckbeard, <URL>  
 Lift: erot, non-leftist, umanan, , coron, de-upvot, ember  
 Score: get, spez, anyth, joke, downvot, upvot, imagin
- Topic 54 Top Words:  
 Highest Prob: time, mani, long, first, page, sort, saw  
 FREX: loop, hatespeech, long, time, theyv, mani, multipl  
 Lift: biscuit, ccp's, conspiracist, eta, <URL>, internet", login  
 Score: time, mani, long, first, page, saw, front
- Topic 55 Top Words:

- Highest Prob: just, like, dont, look, someth, know, seem  
 FREX: like, just, seem, look, dont, sound, someth  
 Lift: voice”, sext, limp, <URL>-<URL>, obama?, sheesh, sound  
 Score: like, just, dont, look, seem, someth, sound
- Topic 56 Top Words:  
 Highest Prob: thing, mayb, help, around, stuff, rather, amount  
 FREX: mayb, welcom, crazi, help, forget, thing, blm  
 Lift: amigo, rjohnbrown, welcom, crazi, anti-imperialist, forget, mlk  
 Score: thing, mayb, help, stuff, around, welcom, blm
- Topic 57 Top Words:  
 Highest Prob: feel, let, problem, kind, harass, line, target  
 FREX: problem, suppos, hit, kind, sit, line, shitti  
 Lift: <URL>, “liberals”, bleep-bloop  
 Score: feel, problem, let, harass, hurt, kind, target
- Topic 58 Top Words:  
 Highest Prob: end, news, age, normal, begin, remain, hundr  
 FREX: purg, wrongthink, blow, nazbol, age, kek, cent  
 Lift: “supremacy”, ame, asphyxi, batman, black-lives-matt, boogi, deposit  
 Score: end, news, age, begin, purg, normal, wrongthink
- Topic 59 Top Words:  
 Highest Prob: caus, fair, turn, twitter, stay, defend, hand  
 FREX: nah, fair, pander, stay, fee, twitter, caus  
 Lift: alright, adulthood, anti-fasc, covet, demonet, dragon, fahrenheit  
 Score: caus, twitter, fair, stay, turn, defend, nah
- Topic 60 Top Words:  
 Highest Prob: last, check, sourc, attempt, wonder, privileg, bot  
 FREX: usernam, itll, cum, check, sourc, contact, last  
 Lift: femboy, sooooo, ‘privelidge’, “get, beep, clubhous, cum  
 Score: check, last, sourc, bot, privileg, wonder, usernam
- Topic 61 Top Words:  
 Highest Prob: idea, platform, censorship, social, internet, media, control  
 FREX: censorship, internet, discours, liabl, forum, idea, media  
 Lift: electron, fcc, scarier, watchpeopledi, weakl, yishan, “cause”  
 Score: platform, censorship, media, idea, social, internet, forum
- Topic 62 Top Words:  
 Highest Prob: way, everyon, without, equal, view, case, job  
 FREX: way, everyon, equal, hold, goe, abl, without  
 Lift: bandid, insul, whiteblack, brexit, naiveti, neo-marxist, poof  
 Score: way, everyon, equal, without, view, job, abl
- Topic 63 Top Words:  
 Highest Prob: point, opinion, differ, agre, disagre, other, whole  
 FREX: opinion, agre, disagre, point, silenc, whole, happi  
 Lift: “silenc, bum, terfs”, verbatim, pregaru, opinion, wallet  
 Score: opinion, agre, point, differ, disagre, silenc, whole
- Topic 64 Top Words:  
 Highest Prob: thought, elect, valu, capit, insult, forc, capitalist  
 FREX: insult, wage, capit, capitalist, dissent, enemi, profit  
 Lift: “slaveowners”, bike, counteract, dau, entrepreneur, festiv, hurdl  
 Score: thought, capit, elect, capitalist, insult, valu, worker
- Topic 65 Top Words:  
 Highest Prob: liter, lol, hes, presid, fail, trigger, lib  
 FREX: lib, loser, forev, rpoliticalcompassmem, salti, hog, rot  
 Lift: aaand, anti-right, antirac, armband, berniebro, dork, drinker  
 Score: lol, liter, lib, hes, bitch, trigger, presid
- Topic 66 Top Words:  
 Highest Prob: care, wouldnt, bigot, friend, anyway, board, game



- FREX: care, friend, humor, board, cheer, token, bigot  
 Lift: mmmm, tasti, token, humor, joel, pineappl, prn  
 Score: care, bigot, friend, board, game, wouldnt, deal
- Topic 67 Top Words:  
 Highest Prob: didnt, fact, enough, american, wasnt, anti, follow  
 FREX: didnt, anti, rconsumeproduct, wasnt, consumer, enough, gave  
 Lift: rconsumeproduct, anti, anti-comsumer, anti-sex, anticonsumer, didnt, <URL>  
 Score: didnt, fact, american, enough, wasnt, anti, recent
- Topic 68 Top Words:  
 Highest Prob: one, anoth, entir, name, list, two, top  
 FREX: fella, rfragileblackredditor, rsmuggi, top, forgot, sir, one  
 Lift: coerceblackmailguiltrip, exept, freakout, <URL> , rclericalfasc, rsoyboy, tamer  
 Score: one, list, name, top, anoth, two, heard
- Topic 69 Top Words:  
 Highest Prob: hate, use, word, consid, direct, accept, defin  
 FREX: word, english, hate, direct, use, consid, defin  
 Lift: mandarin, rcc, "huger", banharass, biblic, male-h, raskpinkpil  
 Score: hate, use, word, defin, consid, english, languag
- Topic 70 Top Words:  
 Highest Prob: exist, probabl, type, nobodi, total, insan, sometim  
 FREX: yep, antifa, smart, probabl, insan, nobodi, fake  
 Lift: <URL> , rblackpow, sankara, smart, trans-support, weirdo, yep  
 Score: probabl, exist, nobodi, type, total, insan, antifa
- Topic 71 Top Words:  
 Highest Prob: also, well, said, guess, claim, true, might  
 FREX: guess, well, said, rid, idiot, true, complet  
 Lift: flaiano, foil, monk, cheek, guess, <URL> , rid  
 Score: said, well, guess, true, also, might, complet
- Topic 72 Top Words:  
 Highest Prob: meme, correct, share, context, refer, civil, similar  
 FREX: meme, whistl, boogaloo, share, boog, throw, context  
 Lift: anxious, atf, bird, electr, herp, pupper, stochast  
 Score: meme, correct, share, civil, war, context, refer
- Topic 73 Top Words:  
 Highest Prob: face, theori, near, along, conspiraci, reach, sentenc  
 FREX: reach, libertarian, ain't, cartoon, horsesho, inaccur, tactic  
 Lift: "look, ammo, beef, buncha, carlin, cartoon, cousin  
 Score: theori, near, along, libertarian, conspiraci, reach, face
- Topic 74 Top Words:  
 Highest Prob: live, matter, slaveri, black, famili, action, middl  
 FREX: slaveri, matter, live, centuri, irish, east, middl  
 Lift: "whiteness", appalachia, bacteria, boston, boyz, den, eve  
 Score: live, matter, slaveri, black, middl, poverti, africa
- Topic 75 Top Words:  
 Highest Prob: want, know, think, just, also, chang, much  
 FREX: want, know, think, also, just, chang, much  
 Lift: want, know, think, also, chang, just, much  
 Score: want, know, think, just, also, chang, much
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