Analyzing Language in Political Subreddits







Objective: analyze the differences in discourse between liberal and conservative subreddits using Natural Language Processing tools

- **1. Reddit Submissions:** Pulls top 1000 submissions from Reddit PRAW API
- **2. Reddit Comments:** Reads comment file as iterator and extracts relevant subreddits
- **3. Subreddit Analysis Submissions:** Produces a dataframe with summary level statistics for ~1000 submissions in each subreddit and the news outlets they link to
- **4. Subreddit Analysis Comments:** Produces a clean dataframe with supplemental information (sentiment, language complexity, etc.) for each subreddit
- **5. Word Frequency:** Shows summary statistics and correlation between subreddits on sentiment around key terms
- **6. Subreddit Classification:** Predicts subreddit based on comments revealing weights
- 7. Word Embeddings: Trains a word2vec model and plays around with some key terms

Important Notes



- Only one month of data (January 2018)
- The sample size of liberal / conservative is extremely imbalanced
 - The_Donald in particular is a major outlier
- Reddit is a well-known target of Russian and other bots who appear to be particularly active in libertarian and right-wing ideology subreddits
- The code has not been checked and therefore there may be mechanical errors
- I am not a major user of Reddit and it seems clear that Reddit is designed to be an 'echo-chamber' and platform for meme sharing rather than political forum
- My political bias is left-wing

Submissions Analysis | Summary Statistics



row_name	top_5_conc.	top_10_conc.	images_prop	avg_sentiment	avg_negative	avg_neutral	avg_positive	avg_flesch	avg_syllables	avg_difficult_words
SandersForPresident	0.61		0.13	0.12	0.16	0.84	0.20	6.56	1.47	0.26
socialism	0.60	0.67	0.46	-0.08	0.26	0.78	0.24	7.54	1.59	0.31
Anarchism	0.69	0.73	0.52	-0.14	0.28	0.76	0.23	7.12	1.56	0.30
democrats	0.41	0.54	0.17	-0.07	0.21	0.80	0.19	8.02	1.55	0.29
progressive	0.26	0.40	0.04	-0.07	0.20	0.78	0.18	9.03	1.57	0.30
communism	0.50	0.57	0.18	-0.06	0.26	0.79	0.23	8.23	1.63	0.34
Liberal	0.25	0.39	0.00	-0.09	0.23	0.78	0.18	8.26	1.56	0.30
Late Stage Capitalism	0.89	0.90	0.85	-0.01	0.32	0.78	0.33	6.05	1.55	0.27
The_Donald	0.76	0.83	0.44	-0.08	0.23	0.79	0.21	6.52	1.48	0.27
Libertarian	0.66	0.70	0.56	0.00	0.26	0.78	0.28	6.50	1.53	0.26
Conservative	0.52	0.60	0.37	-0.09	0.30	0.78	0.27	6.85	1.56	0.30
Republican	0.28	0.38	0.13	-0.03	0.26	0.80	0.24	7.16	1.56	0.31
Anarcho_Capitalism	0.76	0.81	0.62	-0.01	0.30	0.78	0.30	6.51	1.57	0.29
politics	0.38	0.53	0.00	-0.07	0.23	0.82	0.22	7.87	1.60	0.34
NeutralPolitics	1.00	1.00	0.00	0.04	0.20	0.83	0.21	8.29	1.60	0.31

Liberal Subreddit Statistics

Total Outlets: 209

- Top 5 Conc.: 53%

- Top 10 Conc.: 61%

- Images Prop: 29%

Conservative Subreddit Statistics

- Total Outlets: 193

- Top 5 Conc.: 60%

- Top 10 Conc.: 66%

- Images Prop: 43%

Submissions Analysis | Media Outlets

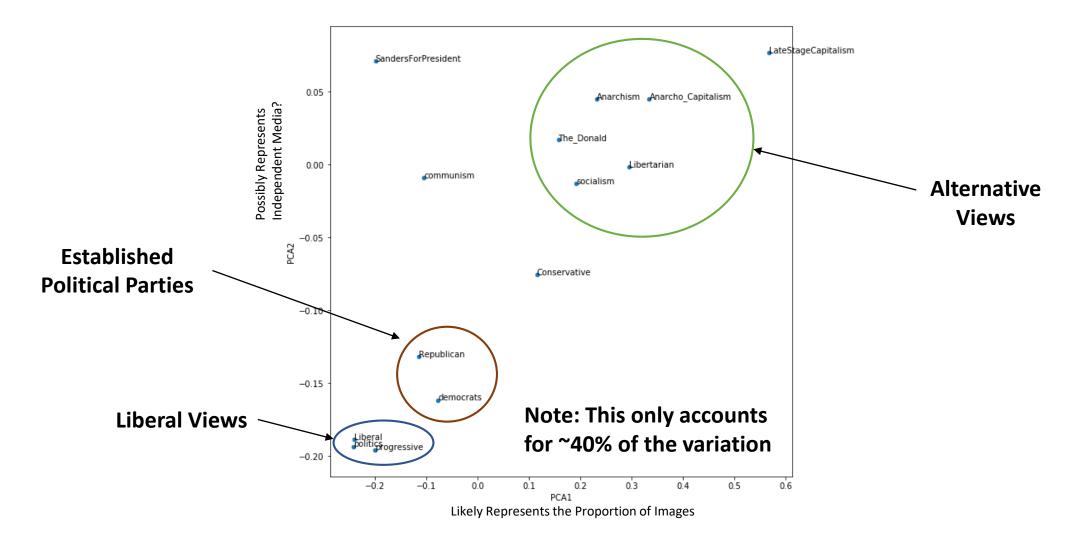


- Images are typically the highest voted content
- Links to other reddit content or comment submissions are typically second most popular
- The concentration of media tends to fall off quickly
- Similar media outlets are somewhat shared within the same political orientations

row_name	outlet_1	outlet_2	outlet_3	outlet_4	outlet_5	outlet_6	outlet_7	outlet_8	outlet_9	outlet_10
SandersForPresident	[reddit, 268]	[twitter.com, 151]	[image, 128]	[www.youtube.com, 39]	[thehill.com, 18]	[berniesanders.com, 17]	[www.facebook.com, 16]	[www.politico.com, 16]	[www.huffingtonpost.com, 12]	[go.berniesanders.com, 12]
socialism	[image, 444]	[reddit, 53]	[twitter.com, 33]	[www.youtube.com, 28]	[www.theguardian.com, 19]	[www.independent.co.uk, 16]	[www.telesurtv.net, 12]	[www.washingtonpost.com, 12]	[www.commondreams.org, 12]	[pbs.twimg.com, 10]
Anarchism	[image, 494]	[reddit, 92]	[twitter.com, 36]	[www.youtube.com, 23]	[www.theguardian.com, 14]	[www.rawstory.com, 12]	[www.independent.co.uk, 8]	[socialistworker.org, 8]	[www.buzzfeed.com, 5]	[www.reuters.com, 5]
democrats	[image, 165]	[twitter.com, 78]	[www.washingtonpost.com, 74]	[thehill.com, 51]	[www.rawstory.com, 37]	[thinkprogress.org, 34]	[www.huffingtonpost.com, 24]	[www.salon.com, 21]	[www.nytimes.com, 20]	[www.thedailybeast.com, 20]
progressive	[www.salon.com, 76]	[www.rawstory.com, 57]	[thinkprogress.org, 48]	[www.alternet.org, 37]	[www.huffingtonpost.com, 36]	[image, 35]	[www.washingtonpost.com, 31]	[www.politicususa.com, 29]	[www.motherjones.com, 27]	[www.theguardian.com, 23]
communism	[image, 183]	[reddit, 154]	[www.telesurtv.net, 79]	[www.youtube.com, 59]	[twitter.com, 21]	[www.rt.com, 18]	[en.granma.cu, 14]	[www.theguardian.com, 13]	[www.bbc.com, 12]	[www.independent.co.uk, 10]
Liberal	[www.rawstory.com, 55]	[thinkprogress.org, 52]	[www.salon.com, 50]	[www.huffingtonpost.com, 50]	[www.washingtonpost.com, 46]	[reddit, 32]	[www.vox.com, 28]	[thehill.com, 27]	[www.theguardian.com, 25]	[www.politico.com, 25]
Late Stage Capitalism	[image, 728]	[reddit, 13]	[pbs.twimg.com, 10]	[twitter.com, 7]	[www.theguardian.com, 6]	[i.redditmedia.com, 5]	[www.nytimes.com, 2]	[www.smh.com.au, 2]	[en.wikipedia.org, 2]	[www.youtube.com, 2]
The_Donald	[image, 415]	[reddit, 93]	[twitter.com, 89]	[sli.mg, 73]	[www.youtube.com, 41]	[i.magaimg.net, 18]	[www.breitbart.com, 14]	[archive.is, 13]	[dailycaller.com, 13]	[www.thegatewaypundit.com, 9]
Libertarian	[image, 521]	[reddit, 28]	[reason.com, 28]	[www.youtube.com, 24]	[twitter.com, 14]	[www.politico.com, 6]	[www.nytimes.com, 6]	[www.foxnews.com, 6]	[www.washingtonpost.com, 6]	[www.forbes.com, 5]
Conservative	[image, 338]	[www.dailywire.com, 53]	[www.foxnews.com, 34]	[www.thegatewaypundit.com, 30]	[dailycaller.com, 27]	[www.breitbart.com, 24]	[reddit, 16]	[nypost.com, 11]	[thehill.com, 10]	[www.youtube.com, 9]
Republican	[image, 131]	[reddit, 40]	[thehill.com, 37]	[www.foxnews.com, 31]	[www.youtube.com, 30]	[www.politico.com, 25]	[dailycaller.com, 20]	[hotair.com, 20]	[www.nytimes.com, 19]	[www.breitbart.com, 18]
Anarcho_Capitalism	[image, 558]	[reddit, 57]	[www.youtube.com, 42]	[i.magaimg.net, 16]	[twitter.com, 15]	[sli.mg, 13]	[71republic.com, 8]	[kek.gg, 8]	[mises.org, 7]	[www.zerohedge.com, 7]
politics	[thehill.com, 138]	[www.independent.co.uk, 92]	[www.washingtonpost.com, 82]	[www.nytimes.com, 35]	[www.cnn.com, 33]	[reddit, 32]	[www.newsweek.com, 32]	[www.businessinsider.com, 32]	[thinkprogress.org, 28]	[www.politico.com, 25]
NeutralPolitics	[reddit, 990]	[www.nytimes.com, 2]	[www.scientificamerican.com, 1]	[www.dancarlin.com, 1]	[reason.com, 1]	[www.journalism.org, 1]	[www.dailykos.com, 1]	NaN	NaN	NaN

Submissions Analysis | Media Outlets





Comments Analysis | Summary Statistics



subreddit	total_comments	mean_score	avg_sentiment	num_positive	num_negative	sentiment_std	avg_flesch	avg_syllables	avg_difficult_words
SandersForPresident	14080	8.49	0.06	0.47	0.37	0.55	7.33	1.48	0.20
socialism	15381	10.00	0.06	0.47	0.37	0.55	8.17	1.53	0.22
Anarchism	11083	7.23	0.00	0.43	0.41	0.56	8.01	1.53	0.22
democrats	5462	8.28	0.02	0.44	0.39	0.54	6.70	1.47	0.19
progressive	1003	4.19	0.01	0.41	0.41	0.52	7.21	1.50	0.20
communism	2651	6.77	0.10	0.50	0.34	0.56	8.42	1.55	0.23
Liberal	1651	3.93	0.04	0.43	0.39	0.53	7.56	1.52	0.21
LateStageCapitalism	43046	18.12	0.04	0.44	0.37	0.53	7.31	1.48	0.20
The_Donald	806583	10.48	0.01	0.39	0.36	0.49	5.68	1.43	0.20
Libertarian	85756	5.06	0.00	0.44	0.42	0.56	7.62	1.51	0.21
Conservative	41536	7.15	0.01	0.43	0.39	0.53	7.07	1.47	0.20
Republican	1965	2.36	0.03	0.44	0.39	0.52	7.37	1.50	0.21
Anarcho_Capitalism	14184	3.70	0.04	0.45	0.37	0.55	7.66	1.51	0.22
politics	1552603	14.57	0.00	0.41	0.39	0.51	6.71	1.46	0.20
NeutralPolitics	2854	13.31	0.12	0.53	0.37	0.58	9.89	1.62	0.22

Flesch Score Formula:

$$206.835 - 1.015 \left(\frac{\text{total words}}{\text{total sentences}}\right) - 84.6 \left(\frac{\text{total syllables}}{\text{total words}}\right)$$

Comments Analysis |

Term Analysis



Subreddit Comparison for Obama

subreddit	total_comments	terms	perc_o	ccurrence	mean_score	avg_s	entiment	num_positive	num_negative
SandersForPresident	14080	obama		0.03	7.50		0.03	189	167
socialism	15381	obama		0.00	8.27		-0.03	30	31
Anarchism	11083	obama		0.00	8.85		-0.00	17	14
democrats	5462	obama		0.06	7.53		0.01	159	160
progressive	1003	obama		0.04	2.09		-0.01	19	21
communism	2651	obama		0.00	5.86		-0.31	1	6
Liberal	1651	obama		0.03	3.62		0.01	22	18
LateStageCapitalism	43046	obama		0.01	17.15		0.04	121	107
The_Donald	806583	obama		0.02	12.82		-0.04	5775	6321
Libertarian	85756	obama		0.02	4.50		-0.07	638	721
Conservative	41536	obama		0.03	7.73		-0.04	551	613
Republican	1965	obama		0.03	1.04		-0.09	20	29
Anarcho_Capitalism	14184	obama		0.00	4.02		-0.05	19	22
politics	1552603	obama		0.02	20.28		-0.03	16613	17541
NeutralPolitics	2854	obama		0.03	21.85		0.16	48	33

['trump','clinton','obama','russia','alt-right','republican','democrat','left','right','guns',
'media','fake news','alternative media','mainstream media','fox','cnn','new york times','huffington',
'antifa','anarch','libertarian','communist','jews','muslim','isis','gay','trans','black','white','china',
'terrorist','immigr','america','abortion','southern','mexic','weed']

Comments Analysis | Term Analysis – Average Sentiment



subreddit	Anarchism	Anarcho_Capitalism	Conservative	LateStageCapitalism	Libertarian	SandersForPresident	The_Donald	politics	socialism
subreddit									
Anarchism	NaN	0.37	0.54	0.72	0.61	0.55	0.67	0.71	0.42
Anarcho_Capitalism	0.37	NaN	0.38	0.44	0.58	0.45	0.60	0.63	0.13
Conservative	0.54	0.38	NaN	0.66	0.81	0.55	0.82	0.72	0.58
LateStageCapitalism	0.72	0.44	0.66	NaN	0.66	0.48	0.75	0.60	0.60
Libertarian	0.61	0.58	0.81	0.66	NaN	0.59	0.84	0.87	0.61
SandersForPresident	0.55	0.45	0.55	0.48	0.59	NaN	0.50	0.55	0.41
The_Donald	0.67	0.60	0.82	0.75	0.84	0.50	NaN	0.80	0.58
politics	0.71	0.63	0.72	0.60	0.87	0.55	0.80	NaN	0.43
socialism	0.42	0.13	0.58	0.60	0.61	0.41	0.58	0.43	NaN

least_similar	most_similar	subreddit
[Anarcho_Capitalism, socialism, Conservative]	[LateStageCapitalism, politics, The_Donald]	Anarchism
[socialism, Anarchism, Conservative]	[politics, The_Donald, Libertarian]	Anarcho_Capitalism
[Anarcho_Capitalism, Anarchism, SandersForPresident]	[The_Donald, Libertarian, politics]	Conservative
[Anarcho_Capitalism, SandersForPresident, politics]	[The_Donald, Anarchism, Conservative]	LateStageCapitalism
$[Anarcho_Capitalism, SandersForPresident, Anarchism] \\$	[politics, The_Donald, Conservative]	Libertarian
[socialism, Anarcho_Capitalism, LateStageCapitalism]	[Libertarian, politics, Conservative]	SandersForPresident
[SandersForPresident, socialism, Anarcho_Capitalism]	[Libertarian, Conservative, politics]	The_Donald
[socialism, Sanders For President, Late Stage Capitalism]	[Libertarian, The_Donald, Conservative]	politics
[Anarcho_Capitalism, SandersForPresident, Anarchism]	[Libertarian, LateStageCapitalism, The_Donald]	socialism

Comments Analysis | Term Analysis – Percent Occurrence



subreddit	Anarchism	Anarcho_Capitalism	Conservative	LateStageCapitalism	Libertarian	SandersForPresident	The_Donald	politics	socialism
subreddit									
Anarchism	NaN	0.77	0.28	0.51	0.37	0.25	0.26	0.16	0.60
Anarcho_Capitalism	0.77	NaN	0.51	0.82	0.79	0.46	0.47	0.32	0.85
Conservative	0.28	0.51	NaN	0.70	0.58	0.92	0.96	0.88	0.68
LateStageCapitalism	0.51	0.82	0.70	NaN	0.70	0.73	0.67	0.52	0.92
Libertarian	0.37	0.79	0.58	0.70	NaN	0.57	0.55	0.49	0.64
SandersForPresident	0.25	0.46	0.92	0.73	0.57	NaN	0.88	0.88	0.66
The_Donald	0.26	0.47	0.96	0.67	0.55	0.88	NaN	0.93	0.62
politics	0.16	0.32	0.88	0.52	0.49	0.88	0.93	NaN	0.43
socialism	0.60	0.85	0.68	0.92	0.64	0.66	0.62	0.43	NaN

subreddit	most_similar	least_similar
Anarchism	[Anarcho_Capitalism, socialism, LateStageCapitalism]	[politics, SandersForPresident, The_Donald]
Anarcho_Capitalism	[socialism, LateStageCapitalism, Libertarian]	[politics, SandersForPresident, The_Donald]
Conservative	[The_Donald, SandersForPresident, politics]	[Anarchism, Anarcho_Capitalism, Libertarian]
LateStageCapitalism	[socialism, Anarcho_Capitalism, SandersForPresident]	[Anarchism, politics, The_Donald]
Libertarian	[Anarcho_Capitalism, LateStageCapitalism, socialism]	[Anarchism, politics, The_Donald]
SandersForPresident	[Conservative, The_Donald, politics]	[Anarchism, Anarcho_Capitalism, Libertarian]
The_Donald	[Conservative, politics, SandersForPresident]	[Anarchism, Anarcho_Capitalism, Libertarian]
politics	[The_Donald, Conservative, SandersForPresident]	[Anarchism, Anarcho_Capitalism, socialism]
socialism	$[Late Stage Capitalism, Anarcho_Capitalism, Conservative] \\$	[politics, Anarchism, The_Donald]

Subreddit Classification



Vectorized with TFIDF and lemmatized LinearSVC Applied: Accuracy: ~77.5%

Most Informative Features

-2.3395	libertarian	3.2361	reactionary
-2.3348	spez	2.9173	solidarity
-2.2922	libertarianism	2.7739	bourgeoisie
-2.2880	geotus	2.6396	bootstrap
-2.1030	pede	2.6153	imperialism
-2.0046	peterson	2.6134	kucinich
-1.9528	california	2.5795	manning
-1.9334	cuck	2.5038	imperialist
-1.9051	statist	2.4652	praxis
-1.8955	sowell	2.4201	revolutionary
-1.8912	import	2.3457	superintendent
-1.8844	retarded	2.3382	netherlands
-1.8507	memo	2.2395	rehabilitation
-1.8203	collectivism	2.2321	latinx
-1.8155	bannon	2.1927	taxi
-1.8081	immigrate	2.1737	ml
-1.7941	mercantilism	2.1477	anarchism
-1.6959	dumbass	2.1449	2fsandersforpresident
-1.6761	hoppe	2.1449	2fr
-1.6607	privacy	2.1284	avocado

Subreddits

O Libertarian	0.278901
<pre>0 The_Donald</pre>	0.263931
1 LateStageCapitalism	0.141184
<pre>0 Conservative</pre>	0.135973
1 socialism	0.051463
O Anarcho_Capitalism	0.046524
1 SandersForPresident	0.045204
1 Anarchism	0.036820

Liberal = 1 Conservative = 0

Predicted	0	1	All
True			
0	12126	1209	13335
1	2919	2090	5009
All	15045	3299	18344

Subreddit Classification | By Subreddit



Vectorized with TFIDF and lemmatized LinearSVC Applied: Accuracy: 46.1% Subreddits

4	Libertarian	0.278901
6	The_Donald	0.263931
3	LateStageCapitalism	0.141184
2	Conservative	0.135973
7	socialism	0.051463
1	Anarcho_Capitalism	0.046524
5	SandersForPresident	0.045204
0	Anarchism	0.036820

Predicted	0	1	2	3	4	5	6	7	AII
True									
0	109	26	38	99	169	11	174	45	671
1	22	86	42	78	394	4	187	17	830
2	16	24	677	197	628	54	878	21	2495
3	40	32	160	938	690	53	581	101	2595
4	31	77	364	463	3171	55	861	70	5092
5	6	4	81	95	228	201	203	15	833
6	26	43	467	341	764	64	3075	36	4816
7	37	10	76	246	246	25	181	191	1012
All	287	302	1905	2457	6290	467	6140	496	18344

Most Informative Features

- 0: antifascist antifacism squat lifestylist dialectical sectarian libcom flyer stabbed iww speciesism tankies igd anarchist ana rchism
- 1: watchlist adhered stef mandela seasteading pornography promiscuous swat nonaggression ancoms monero node voluntaryist ancap altright
- 2: neil myspace experimental honduras announce pollster conservative injunction cruz levin moslem freeway conservatism broadban d bombshell
- 3: avocado bootlickery maternal streetlight wic trickle olly oatmeal inmate respectively taxi lobbying bribery bootstrap childb
- 4: invention lawn accountability solar pense lobbied multinational catastrophic tolkien nigger anti-libertarian lp peek libertarian rianism libertarian
- 5: chicano ctr mccaskill s4p bernie oligarchy rt x-ray evolution es gendered bern scored kucinich latinx
- 6: archive gorilla cabal pedos q normies cucks redacted cucked maga pes globalists pede geotus spez
- 7: ukrainian moderating anti-choice parish bordiga endowment idolizes reactionary spd imperialism dprk revolutionary trotsky parliamentary indigenous

Subreddit Classification | Liberal



Vectorized with TFIDF and lemmatized LinearSVC Applied: Accuracy: 42.5%

Subreddits

7	socialism	0.230503
1	LateStageCapitalism	0.228946
3	SandersForPresident	0.209863
0	Anarchism	0.166374
5	democrats	0.084166
4	communism	0.038317
2	Liberal	0.026365
6	progressive	0.015467

Predicted	0	1	2	3	4	5	6	/	All
True									
0	285	125	4	67	4	12	2	131	630
1	102	396	7	132	5	19	1	223	885
2	3 59 1	9	7	43	2	17	0	14	99
3		171	5	461	2	56	4	88	846
4		29	2	15	15	8	0	60	156
5	38	60	7	113	3	72	1	49	343
6	13	18	1	17	0	8	2	9	68
7	138	219	5	105	15	20	1	453	956
All	669	1027	38	953	46	212	11	1027	3983

Most Informative Features

- 0: edgy hierarchy stateless soros animal shoplifting alt kropotkin elitist authoritarian diet bomb anarchy anarchist anarchism
- 1: monkey realised apartment bedroom fee cruel mandatory entitled raw bilingual advertising vehicle semantics bootstrap degree
- 2: amusing hildawg straightening competence bitter butt qualified ruth persisted treason basement liar registered dammit shapir
- 3: dnc medicaid visa pc tyt fptp ubi puerto hispanic marijuana bernie latino wall kucinich latinx
- 4: wary advance shhhhh strategic brazil translate zimbabwe dot barf varied dprk mlm noted cuban havana
- 5: abortion lunatic forgiven treasonous condescending satan trumpie phony santa populism arizona impeach deficit toll gop
- 6: leech gimmick particular pb jet dumber dishonest 5g dismissed tyranny misspell encroachment seniority bwaaaahahaha doin
- 7: almond mop endowment mobilize previous torch flair settler meth free-market corbyn parish socialism product socialist

Subreddit Classification | Conservative



Vectorized with TFIDF and lemmatized LinearSVC Applied: Accuracy: 58.2%

Subreddits

2 Libentanian	0 202020
<pre>2 Libertarian</pre>	0.382820
4 The_Donald	0.359958
1 Conservative	0.183579
O Anarcho_Capitalism	0.064584
3 Republican	0.009058

Predicted	0	1	2	3	4	All
True						
0	106	65	482	0	225	878
1	18	702	837	2	957	2516
2	93	430	3658	4	950	5135
3	0	23	49	3	42	117
4	44	472	933	1	3350	4800
All	261	1692	5959	10	5524	13446

Most Informative Features

- 0: pacifism hoppe node bcash agorism nonaggression congo vaccine ancapistan ancaps anarcho-capitalism kokesh anarcho ethnostate ancap
- 1: broadband murica donnelly detached busybody rated pothead proceeds waging honduras leno conservatism conservative bastardize d reparation
- 2: neoliberal tolkien bodily karsh 71republic hoa lp amash opt entirety lbc anti-libertarian libertarianism nigger libertarian
- 3: win-win msn crappy molesting impolite cognition football bcd minefield wae mindless e-verify advisory interupt tattling
- 4: globalist libtards importing pillar 800k oig 85 globalism maga globalists redacted pes geotus pede spez

Word2Vec | Conservative



Conservative Model Trained on 950.0k comments: Word2Vec(vocab=81600, size=50, alpha=0.025) Liberal Model Trained on 94.36k comments: Word2Vec(vocab=31733, size=50, alpha=0.025)

terms	Top_1	Top_2	Top_3	Top_4	Top_5	Top_6	Top_7	Top_8	Top_9	Top_10
trump	potus	geotus	djt	president	obama	bannon	dems	long-awaited	campaigned	presidency
clinton	hillary	hrc	hilary	crooked	cf	killary	benghazi	obamas	whitewater	chelsea
obama	0bama	bush	obamas	obummer	barry	administration	presidency	hillary	admin	trump
russia	collusion	russian	putin	colluded	trump-russia	interfered	colluding	collude	ukraine	hoax
alt-right	altright	anti-white	neo-nazi	neo-nazis	neo	fringe	far-left	nationalist	anti-semitic	extremist
republican	democrat	gop	dem	dems	repubs	rinos	incumbent	democratic	gerrymandering	senate
democrat	republican	dems	dem	gop	rinos	democratic	constituent	repubs	vote	voter
left	leftist	centrist	liberal	fringe	ideologically	moderate	side	authoritarian	wing	unaligned
right	inalienable	neither	'right	liberty	side	freedom	left	either	equal	wrong
gun	firearm	rifle	ammo	shotgun	handgun	concealed	weapon	ammunition	grenade	pistol
news	newzers	reporting	cnn	msm	outrage	msnbc	headline	story	wapo	nyt
fox	cbs	abc	nbc	'fake	nightly	msnbc	cnn	npr	outlet	bbc
cnn	msnbc	nbc	cbs	abc	reporter	nyt	wapo	msm	buzzfeed	fnn
huffington	huff	huffpo	vox	frontpage	salon	fact-checking	non-mobile	clickbait	linking	spammed
antifa	blm	protester	protestors	charlottesville	neo-nazis	riot	neo-nazi	extremist	inciting	alt-right
anarchist	ancaps	minarchist	ancap	collectivist	statist	anarchism	fascist	socialist	libertarian	anarchy
libertarian	ancaps	conservative	centrist	libertarianism	anarchist	ancap	progressive	pro-choice	statist	disagreement
communist	socialist	fascist	dictatorship	bolshevik	totalitarian	communism	proletariat	marxist	commie	anarchist
jew	hindu	jewish	buddhist	christian	muslim	armenian	westerner	arab	judaism	ashkenazi
muslim	jihadist	jew	islam	islamic	islamist	rapefugees	sunni	christian	persecuted	non-muslims
islam	christianity	religion	judaism	islamist	christian	non-muslims	extremism	fundamentalist	atheism	muslim
gay	homosexual	trans	transgender	interracial	pro-gay	lesbian	lgbt	sexuality	discriminating	marriage
trans	transgender	attracted	trannies	transgendered	sexuality	gay	transsexual	bisexual	gender	homosexual

Word2Vec | Liberal



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Top_10	Top_9	Top_8	Top_7	Top_6	Top_5	Top_4	Top_3	Top_2	Top_1	terms
dems	gop	donald	whiffing	presidency	oprah	president	hillary	obama	clinton	trump
supporter	landslide	obama	warren	bernie	nomination	trump	gore	voted	hillary	clinton
donald	clinton	whiffing	reagan	trump	president	gw	presidency	administration	bush	obama
iraq	ex-kgb	cia	invasion	vietnam	putin	syria	turkey	russian	iran	russia
shapiro	apologist	criticizing	rhetoric	sexist	bigot	tankies	hardcore	mlk	antifa	alt-right
2009-2010	congress	senate	politician	establishment	dem	repubs	democrat	gop	dems	republican
nomination	repubs	soc	nominee	establishment	politician	dem	gop	republican	dems	democrat
libertarian	pro- corporate	moderate	farther	centrist	radical	overton	lean	wing	leaning	left
cost-efficient	apperently	infringes	guarantor	nexus	disobedience	wing	liberty	concerned	left	right
murder	illegal	legally	overruling	'open	arrest	toy	glued	palestinian	menaced	gun
twitter	video	youtube	fake	channel	facebook	msnbc	tv	cnn	fox	news
dore	npr	viewer	watching	tv	twitter	msnbc	news	fake	cnn	fox
interview	kirsten	weiner	jones	paul	jimmy	fox	twitter	dore	msnbc	cnn
automoderator	automod	imgur	commented	deleted	edited	brigaded	deepthroat	scroll	stickied	huffington
becsyse	blm	rabidly	anti-war	disaffected	rhetoric	sympathizer	neo	'unbiased	alt-right	antifa
authoritarian	'class	marxist- leninist	anarchism	leftist	marxist	libertarian	ml	socialist	communist	anarchist
anti-capitalist	mainstream	label	radical	marxist	liberal	liberalism	anarchist	ml	leftist	libertarian
libertarian	authoritarian	dictatorship	marxist	vanguard	marxist- leninist	maoist	ml	socialist	anarchist	communist
ashkenazi	cleansing	settler	bulwark	terrorist	jewish	arab	muslim	nationalist	genocide	jew
arab	nazi	nationalist	rapist	foreigner	chauvinist	mexican	journos	terrorist	jew	muslim
blackness	dogmatic	internalized	leftism	authoritarianism	individualist	non-whites	essentializing	outlook	antisemitism	islam
molester	queer	jew	muslim	poc	hispanic	murdered	trans	supremacist	marriage	gay
ci	male	latino	poc	gay	non- conforming	transgender	skin	colour	color	trans