United States Politicians' Tone Became More Negative with 2016 Primary Campaigns

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1 Figures

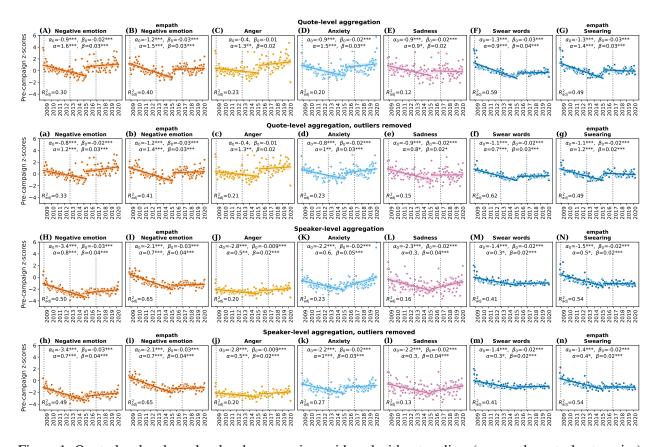


Figure 1: Quote-level and speaker-level aggregation, with and without outliers (+ empath control categories)

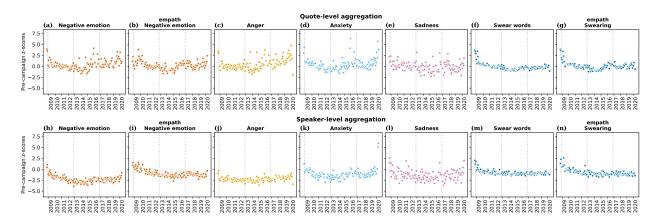


Figure 2: Standardized raw data for quote-level and speaker-level aggregates

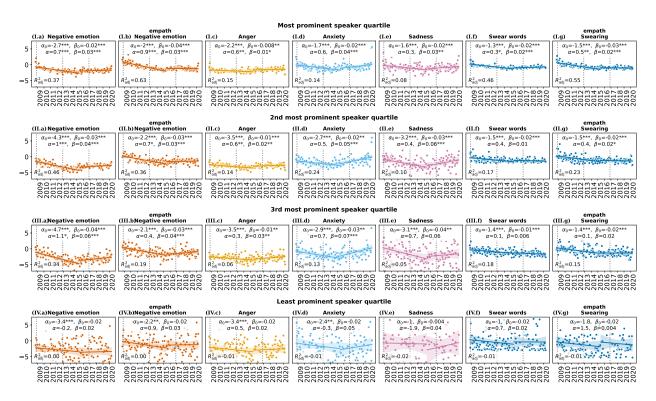


Figure 3: Speaker-level aggregation by prominence quartiles (extended version of Fig. 3 in the main text)

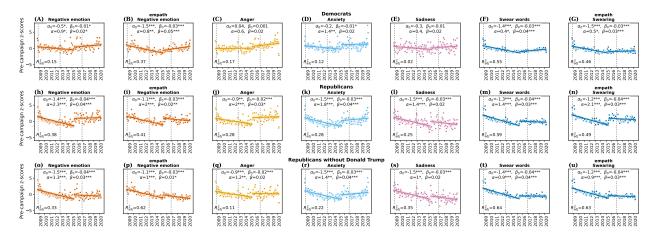


Figure 4: Quote-level aggregation split by party

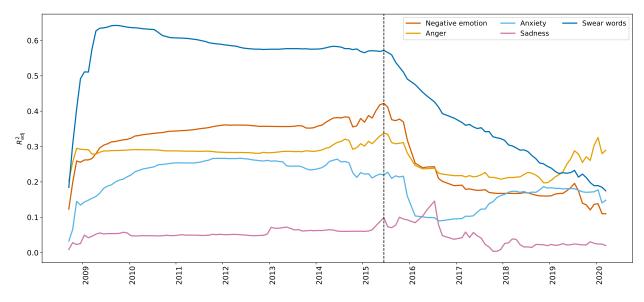


Figure 5: Adjusted R2 score of the OLS regression as a function of the discontinuity placement

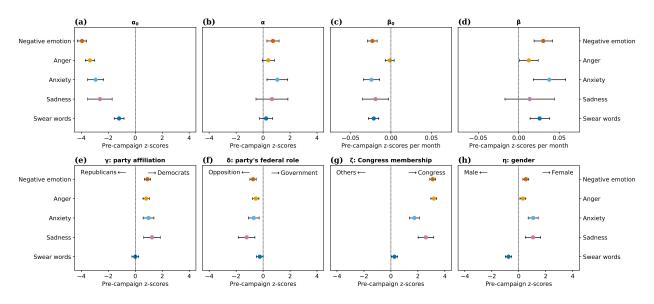


Figure 6: Biographic correlates of negative language based on speaker-level aggregation

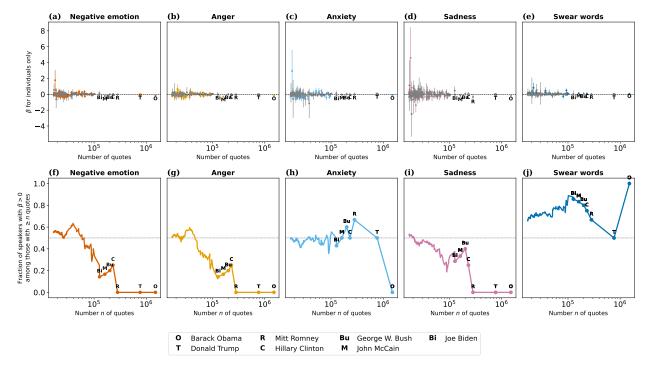


Figure 7: Regression parameter β resulting from an ordinary least squares regressions fitted separately to the time series of each of the 200 most quoted speakers.

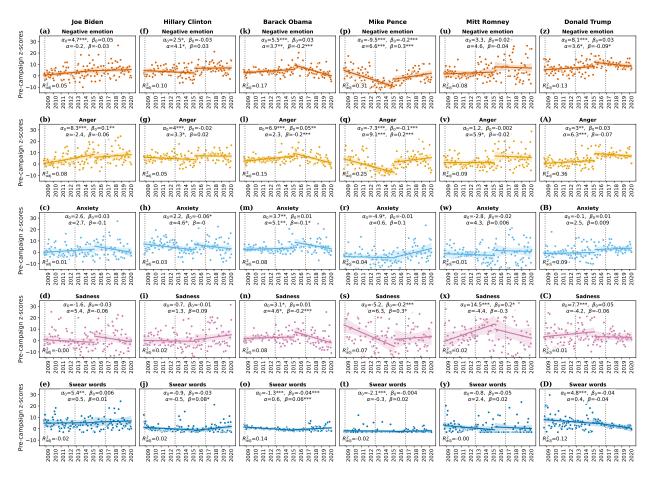


Figure 8: Quote-level aggregation for prominent politicians. John McCain died in 2018 but was frequntly quoted thereafter still.

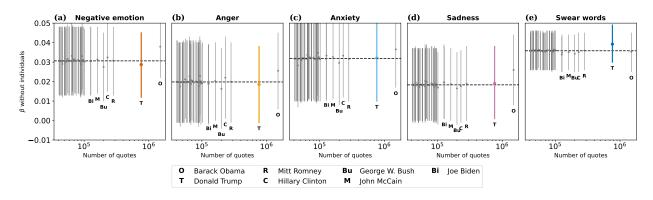


Figure 9: Regression parameter β obtained by removing all quotes by one target speaker, using the 50 most quoted speakers as target speakers

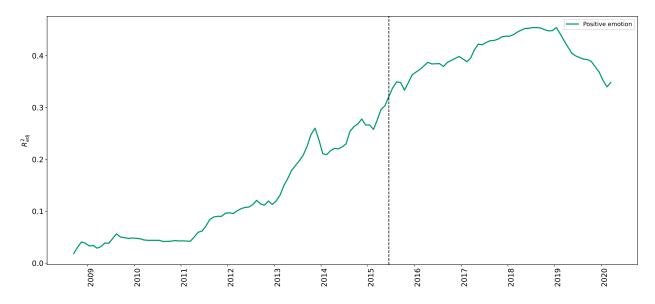


Figure 10: Adjusted R2 score of the OLS regression as a function of the discontinuity placement for positive emotions

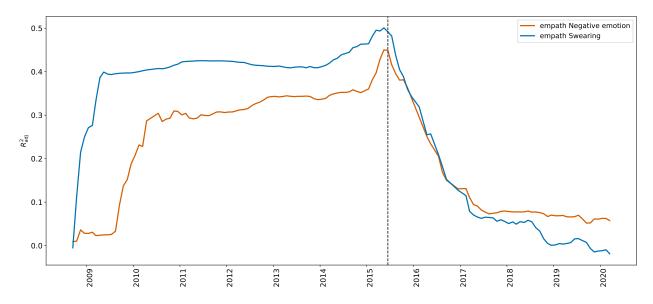


Figure 11: Adjusted R2 score of the OLS regression as a function of the discontinuity placement for empath-based sentiment scores

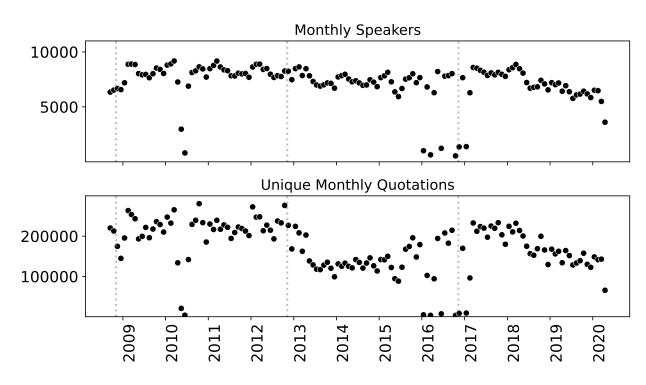


Figure 12: Monthly number of speakers and unique quotations in Quotebank

2 Tables

Table 1: (Extended version of Table 1 in the main text) Key metrics for all sentiment attributes, including results for empath word categories. Means μ and standard deviations σ were calculated over monthly quote-level aggregates from the pre-campaign period (September 2008through May 2015). The value $n=1/\mu$ in the fourth column implies that, in an average quote, on averageevery n-th word belongs to the respective category. The coefficients of variation, σ/μ , shown in the fifth column, allow to easily translate pre-campaign standard deviations (as shown on the y-axes of time series plots) into fractions of pre-campaign means. The most frequent words per category are listed in Tables old_17 and old_18 .

Word category	μ	σ	$1/\mu$	σ/μ
negative emotion	0.01853	0.00090	54.0	4.8%
empath negative emotion	0.00820	0.00054	122.0	6.6%
anger	0.00647	0.00055	154.6	8.4%
anxiety	0.00295	0.00022	339.4	7.3%
sadness	0.00351	0.00014	284.8	4.1%
swear words	0.00043	0.00015	2328.9	33.9%
empath swearing	0.00069	0.00013	1449.1	19.1%

Table 2: The most common 30 words for each sentiment category, before 15 June 2015. Bold values deviate from the second period (after 15 June 2015) by more than one percentage point

	Negative er	notion	Anger		Anxiety		Sadness		Swear wor	ds
Top N words										
1	problem.*	4.35%	fight.*	7.67%	risk.*	10.84%	low.*	10.88%	hell	17.14%
2	numb.*	3.20%	attack.*	4.98%	terror.*	8.35%	fail.*	9.85%	damn.*	8.68%
3	fight.*	2.67%	threat.*	4.93%	worr.*	5.89%	lost	7.37%	heck	6.72%
4	low.*	2.11%	cut	4.87%	struggl.*	5.21%	hurt.*	5.22%	screw.*	6.62%
5	bad	1.92%	war	4.83%	pressur.*	5.16%	lose	5.11%	dumb.*	6.47%
6	fail.*	1.91%	defens.*	4.21%	doubt.*	4.43%	loss.*	4.23%	dick	6.20%
7	difficult.*	1.87%	kill.*	4.03%	avoid.*	4.17%	disappoint.*	4.12%	ass	4.95%
8	tough.*	1.79%	critical	3.71%	fear	3.52%	damag.*	3.88%	shit.*	4.86%
9	wrong.*	1.77%	danger.*	3.10%	horr.*	2.50%	alone	2.89%	crap	3.41%
10	attack.*	1.73%	weapon.*	2.65%	overwhelm.*	2.47%	losing	2.61%	fuck	3.07%
11	risk.*	1.73%	argu.*	2.45%	vulnerab.*	2.38%	overwhelm.*	2.03%	fuckin.*	2.92%
12	threat.*	1.71%	victim.*	2.21%	afraid	2.34%	devastat.*	2.01%	butt	2.85%
13	cut	1.69%	violat.*	2.20%	craz.*	2.34%	defeat.*	1.96%	bitch.*	2.75%
14	war	1.68%	battl.*	2.01%	uncertain.*	2.18%	miss	1.91%	darn	2.68%
15	serious	1.51%	offens.*	1.99%	desperat.*	1.97%	traged.*	1.90%	bloody	2.28%
16	defens.*	1.46%	abuse.*	1.87%	stress.*	1.96%	reject.*	1.89%	piss.*	2.09%
17	lost	1.43%	aggress.*	1.68%	scare.*	1.87%	sad	1.81%	suck	2.04%
18	kill.*	1.40%	frustrat.*	1.53%	confus.*	1.76%	missed	1.61%	sucks	1.43%
19	terror.*	1.33%	destroy.*	1.42%	upset.*	1.75%	suffering	1.31%	sucked	1.22%
20	critical	1.29%	hate	1.23%	shame.*	1.71%	depress.*	1.30%	bastard.*	1.20%
21	danger.*	1.08%	blam.*	1.19%	distract.*	1.62%	missing	1.30%	butts	1.02%
22	hurt.*	1.01%	critici.*	1.06%	embarrass.*	1.61%	resign.*	1.23%	goddam.*	0.78%
23	lose	0.99%	fought	1.00%	guilt.*	1.33%	regret.*	1.23%	asshole.*	0.78%
24	worr.*	0.94%	murder.*	1.00%	emotional	1.27%	broke	1.21%	motherf.*	0.68%
25	weapon.*	0.92%	assault.*	0.98%	shake.*	1.21%	tragic.*	1.16%	nigger.*	0.62%
26	mistak.*	0.89%	outrag.*	0.92%	disturb.*	1.21%	abandon.*	1.06%	queer.*	0.55%
27	argu.*	0.85%	violent.*	0.88%	anxi.*	1.13%	isolat.*	1.00%	boob.*	0.49%
28	struggl.*	0.83%	hell	0.87%	alarm.*	1.04%	empt.*	0.95%	fucked.*	0.48%
29	pressur.*	0.82%	punish.*	0.85%	nervous.*	1.02%	suffer	0.93%	dang	0.47%
30	loss.*	0.82%	offend.*	0.83%	suspicio.*	0.92%	grave.*	0.93%	prick.*	0.47%
Total nr Expressions	499		184		91		101		53	
Total Matches	5763501		2005132		918339		1117453		101773	

Table 3: The most common 30 words for each sentiment category, after 15 June 2015. Bold values deviate from the second period (before 15 June 2015) by more than one percentage point

T N1-	Negative er	notion	Anger		Anxiety		Sadness		Swear wor	ds
Top N words										
1	problem.*	3.79%	fight.*	9.15%	risk.*	10.82%	low.*	11.05%	hell	24.09%
2	fight.*	3.36%	threat.*	5.72%	terror.*	8.92%	fail.*	9.05%	damn.*	11.48%
3	numb.*	3.03%	attack.*	5.43%	worr.*	5.50%	lost	6.89%	dumb.*	7.11%
4	threat.*	2.10%	critical	3.90%	pressur.*	4.94%	hurt.*	5.38%	screw.*	6.71%
5	low.*	2.04%	danger.*	3.80%	horr.*	4.27%	lose	4.95%	heck	6.08%
6	attack.*	1.99%	kill.*	3.60%	struggl.*	4.26%	damag.*	4.22%	shit.*	4.71%
7	bad	1.95%	war	3.59%	fear	4.03%	loss.*	3.78%	ass	4.47%
8	risk.*	1.78%	defens.*	2.94%	doubt.*	3.91%	disappoint.*	3.73%	crap	3.43%
9	wrong.*	1.78%	weapon.*	2.82%	vulnerab.*	3.42%	alone	2.90%	darn	2.75%
10	fail.*	1.67%	cut	2.79%	avoid.*	3.20%	devastat.*	2.57%	fuckin.*	2.51%
11	terror.*	1.47%	victim.*	2.74%	craz.*	2.54%	traged.*	2.34%	bitch.*	2.47%
12	critical	1.43%	abuse.*	2.41%	overwhelm.*	2.38%	losing	2.32%	piss.*	2.42%
13	difficult.*	1.43%	violat.*	2.26%	afraid	2.34%	defeat.*	2.31%	butt	2.37%
14	tough.*	1.43%	hate	1.94%	shame.*	1.95%	sad	2.19%	suck	2.18%
15	danger.*	1.40%	argu.*	1.87%	shy.*	1.87%	overwhelm.*	2.12%	bloody	2.17%
16	serious	1.38%	offens.*	1.86%	uncertain.*	1.85%	reject.*	2.00%	sucks	1.70%
17	kill.*	1.32%	destroy.*	1.54%	desperat.*	1.79%	resign.*	1.66%	fuck	1.62%
18	war	1.32%	battl.*	1.53%	stress.*	1.77%	suffering	1.60%	sucked	1.39%
19	lost	1.28%	aggress.*	1.52%	confus.*	1.65%	miss	1.59%	motherf.*	1.09%
20	defens.*	1.08%	assault.*	1.44%	embarrass.*	1.56%	missed	1.54%	queer.*	0.95%
21	weapon.*	1.04%	frustrat.*	1.43%	disturb.*	1.55%	tragic.*	1.47%	butts	0.80%
22	cut	1.02%	murder.*	1.27%	scare.*	1.53%	missing	1.29%	bastard.*	0.78%
23	victim.*	1.01%	fought	1.08%	distract.*	1.51%	regret.*	1.15%	goddam.*	0.73%
24	hurt.*	1.00%	violent.*	1.06%	guilt.*	1.50%	isolat.*	1.13%	pussy.*	0.58%
25	lose	0.92%	blam.*	0.99%	upset.*	1.48%	abandon.*	1.11%	tit	0.53%
26	worr.*	0.91%	hell	0.95%	alarm.*	1.29%	broke	1.04%	asshole.*	0.52%
27	abuse.*	0.89%	critici.*	0.93%	emotional	1.22%	grave.*	1.01%	asses	0.49%
28	violat.*	0.83%	outrag.*	0.92%	anxi.*	1.17%	suffer	0.92%	dick	0.47%
29	mistak.*	0.82%	harass.*	0.92%	shake.*	0.95%	suffered	0.87%	dang	0.44%
30	pressur.*	0.81%	punish.*	0.79%	tension.*	0.80%	empt.*	0.83%	crappy	0.42%
Total nr Expressions	499		184		91		101		53	
Total Matches	3695279		1357629		608580		683988		53284	

Table 4: OLS regression parameters for quote-level aggregation shown in Figure 2 in the main text. SEs of coefficients are in parantheses. ***p < 0.001, **p < 0.01 and *p < 0.05

	negative emotion	anger		anxiety	sadness	swear words	
α_0	-0.932***(0.209)	-0.391	(0.249)	-0.903***(0.263)	-0.867***(0.226)	-1.347***(0.117)	
α	1.622***(0.337)	1.299**	(0.402)	1.501***(0.424)	0.855* (0.365)	0.923***(0.189)	
eta_0	-0.023***(0.004)	-0.010	(0.005)	-0.022***(0.006)	-0.021***(0.005)	-0.033***(0.002)	
β	0.031***(0.009)	0.020	(0.010)	0.032** (0.011)	0.018 (0.009)	0.036***(0.005)	
R^2	0.315	0.251		0.215	0.136	0.599	
Adj. R^2	0.299	0.234		0.197	0.116	0.590	
No. Observations	132	132		132	132	132	

Table 5: OLS regression parameters for quote-level aggregation, excluding outliers. SEs of coefficients are in parantheses. ***p < 0.001, **p < 0.01 and *p < 0.05

	negative emotion	anger	anxiety	sadness	swear words
α_0	-0.780***(0.184)	-0.391 (0	0.231) -0.816***(0.187)	-0.944***(0.209)	-1.110***(0.075)
α	1.222***(0.299)	1.260** (0	0.382) 0.989** (0.317)	0.756* (0.340)	0.686***(0.120)
eta_0	-0.017***(0.004)	-0.010 (0	0.005) -0.019***(0.004)	-0.022***(0.004)	-0.024***(0.002)
β	0.031***(0.008)	0.016 (0	0.010) 0.031***(0.008)	0.023* (0.009)	0.027***(0.003)
R^2	0.347	0.224	0.250	0.168	0.632
Adj. R^2	0.331	0.206	0.232	0.149	0.623
No. Observations	129	129	127	130	128

Table 6: OLS regression parameters for speaker-level aggregation shown in Figure 2 in the main text. SEs of coefficients are in parantheses. ***p < 0.001, **p < 0.01 and *p < 0.05

	negative emotion	anger	anxiety	sadness	swear words	
α_0	-3.413***(0.121)	-2.800***(0.105)	-2.170***(0.223)	-2.268***(0.238)	-1.374***(0.092)	
α	0.790***(0.195)	0.522** (0.169)	0.573 (0.359)	0.304 (0.384)	0.328* (0.149)	
eta_0	-0.029***(0.003)	-0.009***(0.002)	-0.020***(0.005)	-0.024***(0.005)	-0.017***(0.002)	
β	0.038***(0.005)	0.016***(0.004)	0.048***(0.009)	0.045***(0.010)	0.018***(0.004)	
R^2	0.509	0.220	0.251	0.181	0.421	
Adj. R^2	0.498	0.202	0.234	0.161	0.408	
No. Observations	132	132	132	132	132	

Table 7: OLS regression parameters for speaker-level aggregation, excluding outliers. SEs of coefficients are in parantheses. ***p < 0.001, **p < 0.01 and *p < 0.05

	negative emotion	ative emotion anger anxiety sadness		swear words	
α_0	-3.360***(0.115)	-2.800***(0.105)	-2.170***(0.150)	-2.206***(0.219)	-1.374***(0.092)
α	0.737***(0.184)	0.522** (0.169)	1.010***(0.245)	0.346 (0.354)	0.328* (0.149)
eta_0	-0.027***(0.002)	-0.009***(0.002)	-0.020***(0.003)	-0.021***(0.005)	-0.017***(0.002)
β	0.036***(0.005)	0.016***(0.004)	0.026***(0.007)	0.036***(0.009)	0.018***(0.004)
R^2	0.498	0.220	0.286	0.153	0.421
Adj. R^2	0.486	0.202	0.269	0.132	0.408
No. Observations	131	132	130	129	132

Table 8: OLS regression parameters for quote-level aggregation for democrats shown in Figure 2 in the main text. SEs of coefficients are in parantheses. ***p < 0.001, **p < 0.01 and *p < 0.05

	negative	emotion	anger		anxiety		sadness		swear words
α_0	-0.481*	(0.223)	0.041	(0.269)	-0.247	(0.296)	-0.297	(0.289)	-1.397***(0.110)
α	0.892*	(0.360)	0.573	(0.433)	1.375**	(0.477)	0.426	(0.466)	0.362* (0.178)
eta_0	-0.012*	(0.005)	0.001	(0.006)	-0.013*	(0.006)	-0.011	(0.006)	-0.028***(0.002)
β	0.024*	(0.009)	0.015	(0.011)	0.016	(0.012)	0.020	(0.012)	0.041***(0.005)
R^2	0.172		0.190		0.141		0.039		0.561
Adj. R^2	0.153		0.171		0.120		0.016		0.550
No. Observations	132		132		132		132		132

Table 9: OLS regression parameters for quote-level aggregation for republicans shown in Figure 2 in the main text. SEs of coefficients are in parantheses. ***p < 0.001, **p < 0.01 and *p < 0.05

	negative emotion	anger	anxiety	sadness	swear words	
α_0	-1.417***(0.231)	-0.856** (0.256)	-1.543***(0.259)	-1.469***(0.255)	-1.345***(0.143)	
α	2.323***(0.372)	1.990***(0.413)	1.772***(0.418)	1.437***(0.411)	1.394***(0.231)	
eta_0	-0.035***(0.005)	-0.022***(0.005)	-0.032***(0.006)	-0.034***(0.005)	-0.041***(0.003)	
β	0.040***(0.010)	0.026* (0.011)	0.045***(0.011)	0.018 (0.011)	0.035***(0.006)	
R^2	0.394	0.299	0.295	0.267	0.601	
Adj. R^2	0.380	0.282	0.278	0.249	0.592	
No. Observations	132	*****		132	132	

Table 10: OLS regression parameters for quote-level aggregation for republicans, but excluding Donald Trump. SEs of coefficients are in parantheses. ***p < 0.001, **p < 0.01 and *p < 0.05

	negative emotion	anger	anxiety	sadness	swear words	
α_0	-1.456***(0.211)	-0.870***(0.237)	-1.548***(0.266)	-1.508***(0.244)	-1.369***(0.141)	
α	1.252***(0.340)	1.156** (0.382)	1.414** (0.429)	0.979* (0.393)	0.889***(0.227)	
eta_0	-0.035***(0.005)	-0.022***(0.005)	-0.032***(0.006)	-0.034***(0.005)	-0.041***(0.003)	
β	0.030***(0.009)	0.019 (0.010)	0.045***(0.011)	0.015 (0.010)	0.039***(0.006)	
R^2	0.343	0.134	0.235	0.370	0.644	
Adj. R^2	0.328	0.113	0.217	0.355	0.636	
No. Observations	132	132	132	132	132	

Table 11: OLS regression parameters for aggregation on the most prominent speaker quartile. SEs of coefficients are in parantheses. ***p < 0.001, **p < 0.01 and *p < 0.05

	negative emotion	anger	anxiety	sadness	swear words
α_0	-2.661***(0.131)	-2.217***(0.121)	-1.673***(0.243)	-1.611***(0.244)	-1.288***(0.089)
α	0.712***(0.210)	0.601** (0.194)	0.602 (0.391)	0.323 (0.394)	0.337* (0.143)
β_0	-0.025***(0.003)	-0.008** (0.003)	-0.021***(0.005)	-0.018***(0.005)	-0.019***(0.002)
β	0.029***(0.005)	0.011* (0.005)	0.040***(0.010)	0.031** (0.010)	0.024***(0.004)
R^2	0.387	0.170	0.162	0.099	0.468
Adj. R^2	0.373	0.150	0.143	0.078	0.456
No. Observations	132	132	132	132	132

Table 12: OLS regression parameters for aggregation on the 2nd most prominent speaker quartile. SEs of coefficients are in parantheses. ***p < 0.001, **p < 0.01 and *p < 0.05

	negative emotion	anger	anxiety	sadness	swear words	
α_0	-4.272***(0.153)	-3.539***(0.141)	-2.721***(0.273)	-3.229***(0.398)	-1.534***(0.155)	
α	1.012***(0.247)	0.599** (0.227)	0.547 (0.440)	0.417 (0.641)	0.391 (0.250)	
eta_0	-0.035***(0.003)	-0.013***(0.003)	-0.018** (0.006)	-0.030***(0.009)	-0.016***(0.003)	
β	0.045***(0.006)	0.018** (0.006)	0.055***(0.011)	0.062***(0.017)	0.013 (0.006)	
R^2	0.476	0.157	0.255	0.123	0.194	
Adj. \mathbb{R}^2	0.464	0.137	0.238	0.102	0.175	
No. Observations	132	132	132	132	132	

Table 13: OLS regression parameters for aggregation on the 3rd most prominent speaker quartile. SEs of coefficients are in parantheses. ***p < 0.001, **p < 0.01 and *p < 0.05

	negative emotion	anger	anxiety	sadness	swear words	
α_0	-4.703***(0.260)	-3.539***(0.225)	-2.937***(0.455)	-3.128***(0.705)	-1.397***(0.186)	
α	1.067* (0.419)	0.331 (0.363)	0.686 (0.733)	0.734 (1.136)	0.145 (0.300)	
eta_0	-0.045***(0.006)	-0.013** (0.005)	-0.027** (0.010)	-0.043** (0.015)	-0.014***(0.004)	
β	0.062***(0.011)	0.026** (0.009)	0.071***(0.019)	0.057 (0.029)	0.006 (0.008)	
R^2	0.352	0.081	0.149	0.068	0.198	
Adj. R^2	0.337	0.060	0.129	0.046	0.179	
No. Observations	132	132	132	132	132	

Table 14: OLS regression parameters for aggregation on the least prominent speaker quartile. SEs of coefficients are in parantheses. ***p < 0.001, **p < 0.01 and *p < 0.05

	negative	emotion	anger		anxiety		sadness		swear w	ords
α_0	-3.425*	**(0.623)	-3.402**	**(0.600)	-2.429**	(0.929)	-0.980	(1.738)	-1.042	(0.735)
α	-0.163	(1.005)	0.493	(0.967)	-0.327	(1.497)	-1.859	(2.801)	0.729	(1.185)
eta_0	-0.015	(0.013)	-0.017	(0.013)	-0.021	(0.020)	-0.004	(0.037)	-0.017	(0.016)
β	0.019	(0.026)	0.024	(0.025)	0.049	(0.039)	0.044	(0.073)	0.017	(0.031)
R^2	0.023		0.015		0.015		0.006		0.009	
Adj. R^2	0.000		-0.008		-0.008		-0.017		-0.014	
No. Observations	132		132		132		132		132	

Table 15: OLS regression parameters for quote-level aggregation on speaker groups based on party affiliation, party's federal role, Congress membership, and gender. SEs of coefficients are in parantheses. ***p < 0.001, **p < 0.01 and *p < 0.05

	negative emotion anger		anxiety sadness		swear words	
α_0	-1.787***(0.183)	-1.520***(0.207)	-1.681***(0.203)	-1.198***(0.266)	-0.853***(0.100)	
α	1.293***(0.240)	0.800** (0.271)	1.960***(0.265)	0.983** (0.347)	0.522***(0.131)	
β_0	-0.013***(0.003)	0.002 (0.004)	-0.018***(0.004)	-0.013** (0.005)	-0.033***(0.002)	
β	0.014* (0.006)	0.009 (0.007)	0.006 (0.007)	-0.006 (0.009)	0.043***(0.003)	
γ : party affiliation	0.479***(0.124)	0.559***(0.140)	0.964***(0.137)	0.668***(0.179)	-0.193** (0.068)	
η : gender	-0.215 (0.115)	-0.172 (0.130)	0.480***(0.128)	0.413* (0.167)	-0.828***(0.063)	
ζ : Congress membership	3.412***(0.115)	3.767***(0.130)	1.734***(0.128)	2.255***(0.167)	-0.150* (0.063)	
δ : party's federal role	-0.335** (0.124)	-0.185 (0.140)	-0.357** (0.137)	-0.976***(0.179)	-0.328***(0.068)	
R^2	0.478	0.473	0.235	0.184	0.390	
Adj. R^2	0.475	0.470	0.230	0.178	0.386	
No. Observations	1056	1056	1056	1056	1056	

Table 16: OLS regression parameters for speaker-level aggregation on speaker groups based on party affiliation, party's federal role, Congress membership, and gender. SEs of coefficients are in parantheses. ***p < 0.001, **p < 0.01 and *p < 0.05

	negative emotion	anger	anxiety	sadness	swear words	
α_0	-3.949***(0.176)	-3.361***(0.175)	-2.938***(0.301)	-2.619***(0.462)	-1.196***(0.185)	
α	0.734** (0.230)	0.388 (0.229)	1.058** (0.393)	0.658 (0.603)	0.223 (0.242)	
eta_0	-0.023***(0.003)	-0.002 (0.003)	-0.024***(0.005)	-0.019* (0.008)	-0.021***(0.003)	
β	0.030***(0.006)	0.013* (0.006)	0.038***(0.010)	0.013 (0.016)	0.026***(0.006)	
γ : party affiliation	0.904***(0.119)	0.810***(0.118)	0.983***(0.203)	1.242***(0.312)	-0.002 (0.125)	
η : gender	0.528***(0.111)	0.308** (0.110)	1.070***(0.189)	1.057***(0.290)	-0.761***(0.116)	
ζ : Congress membership	3.101***(0.111)	3.184***(0.110)	1.742***(0.189)	2.586***(0.290)	0.264* (0.116)	
δ : party's federal role	-0.744***(0.119)	-0.544***(0.118)	-0.694***(0.203)	-1.219***(0.312)	-0.243 (0.125)	
R^2	0.472	0.472	0.142	0.104	0.099	
Adj. R^2	0.469	0.469	0.137	0.098	0.093	
No. Observations	1056	1056	1056	1056	1056	

Table 17: Most frequently quoted politicians and the Wikidata identifiers (QID).

	QID	Name	Number of quotes	Party	Gender
1	Q76	Barack Obama	1499080	Democrat	M
2	Q22686	Donald Trump	762822	Republican	M
3	Q4496	Mitt Romney	281774	Republican	M
4	Q6294	Hillary Clinton	230306	Democrat	F
5	Q207	George W. Bush	200013	Republican	M
6	Q10390	John McCain	160805	Republican	M
7	Q6279	Joe Biden	127182	Democrat	M
8	Q43144	Sarah Palin	125980	Republican	F
9	Q170581	Nancy Pelosi	101583	Democrat	F
10	Q359442	Bernie Sanders	96701	Democrat	M
11	Q63879	Chris Christie	96361	Republican	M
12	Q22316	John Kerry	93036	Democrat	M
13	Q203966	Paul Ryan	92407	Republican	M
14	Q215057	Rick Perry	89975	Republican	M
15	Q23505	George H. W. Bush	88859	Republican	M
16	Q11673	Andrew Cuomo	88433	Democrat	M
17	Q1124	Bill Clinton	88173	Democrat	M
18	Q182788	Newt Gingrich	86670	Republican	M
19	Q355522	Mitch McConnell	82061	Republican	M
20	Q11702	John Boehner	80793	Republican	M
21	Q380900	Chuck Schumer	75358	Democrat	M
22	Q314459	Harry Reid	73980	Democrat	M
23	Q324546	Marco Rubio	70349	Republican	M
24	Q434706	Elizabeth Warren	67699	Democrat	F
25	Q22212	Lindsey Graham	66895	Republican	M
26	Q439729	Rick Scott	65523	Republican	M
27	Q13133	Michelle Obama	65410	Democrat	F
28	Q2036942	Ted Cruz	64380	Republican	M
29	Q607	Michael Bloomberg	64366	Democrat	M
30	Q553254	Scott Walker	64326	Republican	M