Unveiling the Influencers of Radical Content: A Multimodal Analysis of QAnon Videos

Online Radicalization, Multimodal Analysis, Video Perception, Emotion, Personality

Extended Abstract

Radicalization, the process of developing extremist ideologies and beliefs in others, has been increasingly seen on social media in recent years. Previous studies have proposed to identify online radicalization using lexical and social context analysis [4, 5, 6, 2]. However, much of the current radicalization is being attempted on video-sharing platforms, where multimodality features beyond text can be powerful in the promotion of extremist content. Moreover, generic social context analysis does not take into account comprehensive viewer traits and how those can affect viewers' perception of radicalizing content. To address these challenges, we focus on radicalization in YouTube and BitChute. We examine *QAnon*, a conspiracy-based radicalizing group originated in 2017 [1, 3]. In this study, we focus on three main research questions: **RQ1:** What viewer traits, such as personalities and media consumption, are associated with their video preferences? **RQ2:** What high-level video characteristics, such as quality, arousing emotions, and speaker traits, are correlated with viewers' perception? **RQ3:** Which modality features affect viewers' perception the most?

We have collected 5,924 YouTube and BitChute videos on *QAnon*. To study viewers' perception, we select a subset of videos from the full corpus, 3 pro- and 3 anti-*QAnon*, based on the videos' duration, diversity in styles, quality, and popularity. We then create a comprehensive questionnaire (see Figure 1) asking participants to explain aspects of their perception of the videos, and the actions they believe that they or others might take after watching the videos, which are usually the crucial first steps in the action pathways towards extremism and violence. Finally, to quantitatively assess viewers' perception of the videos, we utilize 3 metrics described in Figure 2 – **Enjoyment Score**, **Content Score**, and **Actions Score**.

A total of 46 viewers participate in the questionnaire. Participants' demographics information is collected (see Figure 3), and the distribution is shown in Figure 4. A set of introductory questions about participants' background and prior knowledge are also asked before the questionnaire (see Figure 5), and the statistics are summarized in Figures 6, 7, and 8.

To answer **RQ1**, we investigate how participants' self-reported personalities, initial impression of extremist groups, and their media consumption correlate with their preference for *QAnon* videos. We perform significance tests on the Spearman's correlation between these viewer traits and the 3 metric scores. As highlighted in Figure 9, viewers having a positive opinion of *The Proud Boys* or trusting *CNN news* enjoy watching *QAnon* videos in general. Particularly, viewers trusting *WSJ* tend to enjoy watching pro-*QAnon* videos, and those with a positive opinion towards *Antifa* enjoy watching anti-*QAnon* videos. Regarding the video content, viewers trusting *Fox News* generally agree with the content of pro-*QAnon* videos, whereas those trusting *NPR* and *AP* tend to disagree with them. Looking into the potential follow-up actions after watching these videos, viewers that tend to support pro-*QAnon* videos with the highest probabilities are those with positive opinions towards right-leaning groups and media sources such as *Oath Keepers*, *Fox News*, and *WSJ*.

To answer question **RQ2**, we examine how videos' content and production quality, arousing emotions, and speaker characteristics affect viewers' perception. Similarly, we perform significance tests on the Pearson's correlation between these video traits and the 3 metric scores. As summarized in Figure 10, videos rated as more valid and persuasive are enjoyed more by viewers, whereas videos arousing disgust or rated as boring are more likely to be disagreed, as expected. Videos rated as more trustworthy, persuasive, and logical are more likely to win supportive actions from viewers. In addition, if the speakers in the videos are more enthusiastic, they are more likely to be supported by viewers.

To answer **RQ3**, we further analyze textual (LIWC and sentiment), acoustic (prosodic and emotion), and visual (facial expression and weapon detection) features on the inter-pausal unit level. We perform significance tests on the Pearson's correlation between the multimodal features and the 3 metric scores. Some interesting findings are that lexicons related to friends and gender positively influence how viewers enjoy, agree, and support the videos, whereas lexicons related to violence put a negative impact. Speakers showing too much surprise or sad facial expression bring negative impact, whereas angry speakers surprisingly appeal to more viewers. In addition, the appearance of weapons has a negative impact on viewers' perception. The full lists of significant multimodal features are listed in Figures 11, 12, and 13.

In this study, we have collected a large corpus of *QAnon* videos, which we are willing to share with the research community for countering online radicalization. We have also conducted an experimental user study and performed comprehensive feature analysis to identify sources of influence that affect viewers' impression and reaction to the videos. To the best of our knowledge, this is the first work that computationally analyzes viewers' perception of radical content by examining not only the high-level characteristics and low-level multimodal features of the videos, but also the viewers' background and prior knowledge of the domain. In future, we plan to generalize our work to a larger scale, and develop multimodal models for identifying radical techniques and potentially newly emerged radical groups.

References

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1. Did you understand the video?	11. Did you enjoy watching the video?
□ Yes □ No	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
2. Do you think the video was professionally produced with good quality?	12. What emotions did you feel when you watched the video? Check all that apply.
□ Yes □ No	Happiness Sadness Surprise
3. Who do you think the video was trying to appeal to?:	 Fear Disgust
4. Was there any violence displayed in the video?	□ Anger □ Confused
□ Yes □ No	Comused Monomial Comu
5. Was there any music in video?	applicable.:
□ Yes □ No	14. Give a short description (a sentence) of the most impactful part of the video you listed above. Enter N/A if not applicable. :
6. Did any of the following objects appear in the video? Choose all that apply.	15. Do you think any of the content in the video makes a valid point?
Guns Guns Guns Swords Other Weapons Flags Symbols of the Group None of the Above 7. How likely do you think it is that the people in the video will become involved in the following actions? Not at All Likely Not Much Likely Undecided Somewhat Likely Very Much Likely Protests Totests Totests Guns Guns	1 2 3 4 5 Not at All - - Very Much 16. Would you take any of the following actions after watching this video? Check all that apply. Like the video Dislike the video Post a criticizing comment under the video Stare the video with friends, families, or on social media platforms Search for similar videos Learn more about the group On of the Above 17. Do you think that others watching this video would consider taking any of the following actions? Check all that apply. Like the video
Logical (was there a structured argument or data presented?) 9. Is the video's stance positive, negative, or neutral towards the group? 9. Positive 9. Negative 10. Do you think this speaker demonstrated any of the following characteristics?	Dislike the video Dislike the video Post a supporting comment under the video Stare the video with friends, families, or on social media platforms Search for similar videos Learn more about the group Consider joining the group Non of the Above
Yes Noutral No Charismatic	18. Did the video change your mind about anything? If so, please elaborate.:

Figure 1: Video Specific Full Questionnaire

Metric	Description	Score Range
Enjoyment Score	Raters are asked to rate how much they enjoy watching each video on a 5-point Likert scale.	[-2, 2]
Content Score	Raters are asked to say whether they think a video is persua- sive, trustworthy, logical, and professionally created. The Content Score of a video is the sum of these 4 traits' scores.	[-1, 1]
Action Score	Raters are asked whether they would take the following actions after watching a video, listed from the most active gourp opposing actions to the most active group supporting actions: a) posting a criticizing comment [score -2] b) disliking the video [score -1] c) liking the video [score 1] d) posting a supporting comment [score 2] e) considering joining the group [score 3]. The Actions Score of a video is the sum of these actions' scores.	[-3, 6]

Figure 2: Evaluation Metrics Description

1. What is your gender

- □ Male
- □ Female
- □ Nonbinary
- \Box Prefer not to say

2. Which age group describes you?

- □ 18-29
- □ 30-39
- □ 40-49
- □ 50-59
- \Box 60 or over

3. What is your ethnicity?

- American Indian or Alaska Native
- \Box Asian
- $\hfill\square$ Black or African American
- $\hfill\square$ Native Hawaiian or Other Pacific Islander
- \Box White
- \Box Other

4. What is the highest level of education you've completed?

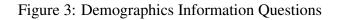
- \Box Some high school or less
- □ High school diploma
- □ Associate's degree
- □ Bachelor's degree
- \Box Master's degree
- □ Doctorate degree

5. Do you consider yourself to be conservative or liberal when thinking about politics?

- □ Conservative
- □ Liberal
- □ Moderate
- □ Other/Undecided

6. Here are a number of personality traits that may or may not apply to you. Please tick a number next to each statement to indicate the extent to which you agree or disagree with that statement. You should rate the extend to which the pair of traits applies to you, even if one characteristic applies more strongly than the other.

	1-Disagree strongly	2-Disagree slightly	3-Neither agree nor disagree	4-Agree slightly	5-Agree strongly
Extraverted, enthusiastic					
Dependable, self-disciplined					
Anxious, easily upset					
Open to new experiences, complex					
Reserved, quiet					
Sympathetic, warm					
Disorganized, careless					
Calm, emotionally stable					
Conventional, uncreative					



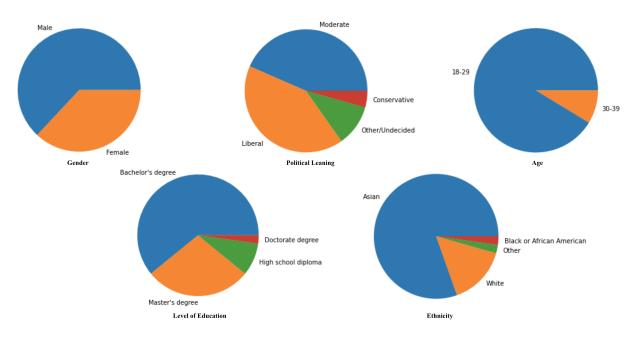


Figure 4: Participants' Demographics Distribution

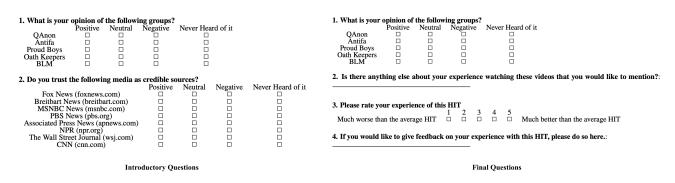


Figure 5: Questionnaire Introductory and Final Questions

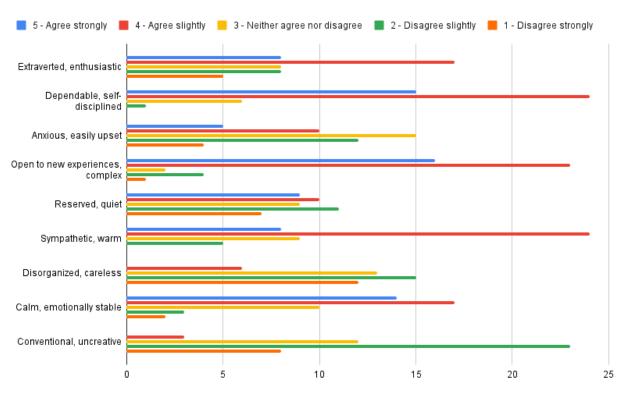


Figure 6: Participants' Self-Reported Personalities Distribution

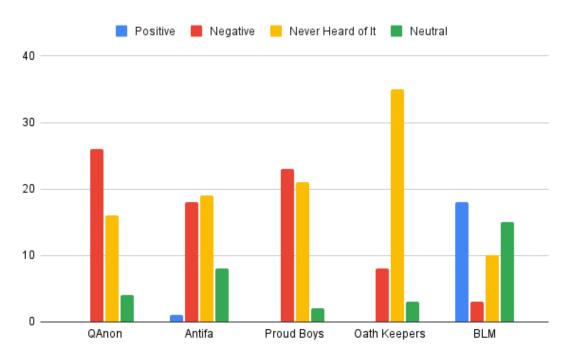


Figure 7: Distribution of Participants' Opinion on Radical Groups

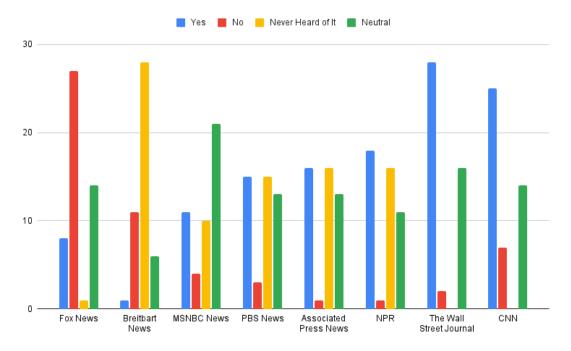


Figure 8: Distribution of Participants' Opinion on Media Sources

Enjoyment on	All Vide	eos
Feature	Corr	p-value
Opinion_CNN	0.358	0.0146
Opinion_Antifa	0.345	0.0189
Opinion_ProudBoys	0.297	0.0452
Enjoyment on Pro	-QAnon	Videos
Feature	Corr	p-value
Opinion_CNN	0.329	0.0255
Opinion_WSJ	0.298	0.0440
Enjoyment on Ant	i-QAnon	Videos
Feature	Corr	p-value
Opinion_Antifa	0.368	0.0119

Significant Viewer Traits and Ratings on Enjoyment Scores

Content	of All Vio	deos
Feature	Corr	p-value
Opinion_Fox	0.430	0.00283
Content of P	ro-QAno	n Videos
Feature	Corr	p-value
Opinion_Fox	0.487	0.000592
Opinion_NPR	-0.376	0.0100
Opinion_AP	-0.330	0.0253
Content of A	nti-QAno	n Videos
Feature	Corr	p-value
Reserved	0.339	0.0213

Significant Viewer Traits and Ratings
on Content Scores

Actions after All Videos						
Feature	Corr	p-value				
Opinion_OathKeepers	0.387	0.00793				
Opinion_Antifa	0.359	0.0143				
Opinion_Fox	0.350	0.0172				
Opinion_WSJ	0.322	0.0291				
Actions after Pro-QAnon Videos						
Feature	Corr	p-value				
Opinion_OathKeepers	0.370	0.0114				
Opinion_Fox	0.358	0.0145				
Opinion_WSJ	0.346	0.0186				
Opinion_CNN	0.298	0.0442				
Opinion_Antifa	0.295	0.0467				
Actions after Anti-	QAnon V	ideos				
Feature	Corr	p-value				
Disorganized	0.318	0.0312				
Sympathetic	-0.317	0.0321				

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A 11 X 70 1

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Significant Viewer Traits and Ratings on Actions Scores

Figure 9: Significant Viewer Traits and Ratings (p-value < 0.05) on Enjoyment, Content, and Actions Scores

Injoymen	t on Pro-Q	Anon Videos	Actions Like	ly after A	Il Videos
Feature	Corr	p-value	Feature	Corr	p-value
Validness	0.999	0.0234	Trustworthy	0.968	0.00150
Persuasive	0.997	0.0452	Validness	0.964	0.00191
Significar	nt Video Trait	s and Ratings	Persuasive	0.905	0.0131
10	ı Enjoyment S	Scores	Logical 0.875 0.0		0.0225
			Enthusiastic	-0.951	0.0486
Content o	of Anti-QA	non Videos	Actions af	ter Anti	Videos
Feature	Corr	p-value	Feature	Corr	p-value
Disgust	-0.998	0.0440	Trustworthy	1.00	0.0114
Boring	-0.998	0.0440	Lively	-1.00	0.0167
Significant Video Traits and Ratings on Content Scores			Significant Video Traits and Ratings on Actions Scores		

Figure 10: Significant High-Level Video Traits and Ratings (p-value < 0.05) on Enjoyment, Content, and Actions Scores

Fniovme	ent on All	Videos	Conter	Content of All Videos		Actions after All Vide		Videos	
Feature	Corr	p-value	Feature	Corr	p-value	E	eature	Corr	p-valu
violence	-0.138	0.0247	god	-0.128	0.0376		time	-0.214	0.00047
deadline	-0.125	0.0429	time	-0.128	0.000393		riend	0.147	0.00047
i	0.165	0.00716	differ	0.139	0.0245		nsight	-0.132	0.0321
they	-0.141	0.0220	friend	0.135	0.0245		legate	0.130	0.0353
male	0.122	0.0220	insight	-0.135	0.0283		emale	0.130	0.0353
social	-0.122	0.0478		0.122	0.0303			0.130	0.035
negate	0.122	0.0488	ingest				ngest		
Enjoyment o			Content of				Actions after Pro-QAnon Vi Feature Corr p-v		
Feature	Corr	p-value	Feature	Corr	p-value			Corr 0.205	p-valu
	0.205	0.0337	sentiment	0.205	0.0337		ntiment		0.0337
sentiment	-0.387		weaponry	-0.387	0.0000384		aponry	-0.387	0.00003
weaponry		0.0000384	violence	-0.324	0.000671	V1	olence	-0.324	0.0006
violence	-0.324	0.000671	god	-0.266	0.00556		god	-0.266	0.0055
god	-0.266	0.00556	soldier	-0.211	0.0294		oldier	-0.211	0.0294
soldier	-0.211	0.0294	threat	-0.202	0.0370		hreat	-0.202	0.0370
threat	-0.202	0.0370	focuspresent	0.377	0.0000630		spresent	0.377	0.00006
focuspresent	0.377	0.0000630	they	-0.351	0.000215		they	-0.351	0.0002
they	-0.351	0.000215	power	-0.328	0.000554	1	ower	-0.328	0.0005
power	-0.328	0.000554	ipron	0.323	0.000677	i	pron	0.323	0.0006
ipron	0.323	0.000677	cogproc	0.301	0.00162	co	ogproc	0.301	0.0016
cogproc	0.301	0.00162	auxverb	0.291	0.00235	au	ıxverb	0.291	0.0023
auxverb	0.291	0.00235	negate	0.280	0.00351	n	egate	0.280	0.0035
negate	0.280	0.00351	we	-0.277	0.00388		we	-0.277	0.0038
we	-0.277	0.00388	social	-0.273	0.00451	5	ocial	-0.273	0.0045
social	-0.273	0.00451	affiliation	-0.267	0.00543	aff	iliation	-0.267	0.0054
affiliation	-0.267	0.00543	i	0.261	0.00664		i	0.261	0.0066
i	0.261	0.00664	tentat	0.260	0.00675	t	entat	0.260	0.0067
tentat	0.260	0.00675	negemo	-0.242	0.0120	ne	egemo	-0.242	0.012
negemo	-0.242	0.0120	drives	-0.241	0.0122		lrives	-0.241	0.012
drives	-0.241	0.0122	adverb	0.231	0.0167	a	dverb	0.231	0.016
adverb	0.231	0.0167	ppron	-0.228	0.0182		pron	-0.228	0.018
ppron	-0.228	0.0182	anger	-0.222	0.0215	-	anger	-0.222	0.021
anger	-0.222	0.0215	verb	0.219	0.0233		verb	0.219	0.023
verb	0.219	0.0233	informal	0.219	0.0235		formal	0.219	0.023
informal	0.219	0.0235	differ	0.212	0.0281		liffer	0.212	0.028
differ	0.212	0.0281	health	-0.212	0.0300		health	-0.212	0.030
health	-0.210	0.0300	body	-0.209	0.0310		body	-0.209	0.031
body	-0.209	0.0310	discrep	-0.209	0.0310		iscrep	-0.209	0.0314
discrep	-0.208	0.0314	bio	-0.208	0.0314	u	bio	-0.208	0.031
bio	-0.196	0.0428	quant	-0.198	0.0428		Juant	0.190	0.0420
quant	0.191	0.0484	^						
Enjoyment o			Content of A					r Anti-QA	
Feature	Corr	p-value	Feature	Corr	p-value		eature	Corr	p-valu
interrog	-0.165	0.0395	time friend	-0.285 0.213	0.000316 0.00765		time riend	-0.266	0.00079
<u> </u>								0.195	
Significant			focuspast	-0.164	0.0409	11	nsight	-0.161	0.0442
Enjo	yment Sco	res	female	0.163	0.0420	S	ignificant	Textual Fe	atures on
			ingest	0.163	0.0424		0	tions Score	
			conj	-0.157	0.0498		A		

Content Scores

Figure 11: Significant Textual Features (p-value < 0.05) on Enjoyment, Content, and Actions Scores

Content of All Videos

Corr

-0.169

0.618

-0.428

0.367

0.353

-0.234

0.192

Corr

0.870

0.738 -0.713

0.649

-0.640

0.562

-0.507

-0.440

-0.424

-0.329

-0.230

Corr

0.676

-0.419

-0.311

0.179

Significant Acoustic Features on Content Scores

nti-QAnon

o-QAnon

p-value

0.00602

4.36E-29

3.71E-13

8.08E-10

4.06E-09

0.000129

0.00171

p-value 5.76E-34

1.26E-19

7.18E-18

4.15E-14

1.17E-13

2.97E-10

2.46E-08

2.12E-06 5.42E-06

0.000548

0.0169

Videos

p-value

3.58E-22

5.21E-08

0.0000767

0.0256

Videos

Feature

anger Min Intensity

Sd Intensity

Mean Intensity

Max Intensity

HNR

Min Pitch

Feature

HNR

Mean Pitch

Mean Intensity

Jitter

Shimmer

Min Pitch

Max Intensity

Sd Pitch

Max Pitch

Min Intensity

Sd Intensity

Feature

Min Intensity

Sd Intensity

HNR

Mean Intensity

Content of A

Content of H

Actions after All Videos

Corr

-0.543

0.518

-0.173

-0.173

-0.164

Corr

0.870

0.738

-0.713

0.649

-0.640

0.562

-0.507

-0.440

-0.424

-0.329

-0.230

Corr

0.687

-0.569

-0.372

-0.164

Significant Acoustic Features on Actions Scores

Actions after Anti-QAnon Videos

Actions after Pro-QAnon Videos

Feature

Sd Intensity

Min Intensity

Max Pitch

Sd Pitch

HNR

Feature

HNR

Mean Pitch

Mean Intensity

Jitter

Shimmer

Min Pitch

Max Intensity

Sd Pitch

Max Pitch

Min Intensity

Sd Intensity

Feature

Min Intensity

Sd Intensity

HNR

Max Pitch

p-value

1.33E-21

1.99E-19

0.00488

0.00494

0.00767

p-value 5.76E-34

1.26E-19

7.18E-18

4.15E-14

1.17E-13

2.97E-10

2.46E-08

2.12E-06

5.42E-06

0.000548

0.0169

p-value

3.77E-23

8.67E-15

1.74E-06

0.0409

Enjoyment on All Videos						
Feature	Corr	p-value				
Max Intensity	-0.660	3.14E-34				
Mean Intensity	-0.654	1.55E-33				
Sd Intensity	-0.565	1.32E-23				
Sd Pitch	-0.361	1.68E-09				
Max Pitch	-0.354	3.68E-09				
Jitter	0.303	5.66E-07				
Mean Pitch	0.230	0.000164				
Shimmer	-0.134	0.0301				
Enjoyment on	Pro-QAr	on Videos				
Feature	Corr	p-value				
HNR	0.870	5.76E-34				
Mean Pitch	0.738	1.26E-19				
Mean Intensity	-0.713	7.18E-18				
Jitter	0.649	4.15E-14				
Shimmer	-0.640	1.17E-13				
Min Pitch	0.562	2.97E-10				
Max Intensity	-0.507	2.46E-08				
Sd Pitch	-0.440	2.12E-06				
Max Pitch	-0.424	5.42E-06				
Min Intensity	-0.329	0.000548				
Sd Intensity	-0.230	0.0169				
Enjoyment on	Anti-QA	non Videos				
Feature	Corr	p-value				
Max Intensity	-0.832	3.02E-41				
Mean Intensity	-0.829	9.96E-41				
Sd Intensity	-0.678	2.25E-22				
Sd Pitch	-0.348	8.33E-06				
Max Pitch	-0.336	0.0000184				
HNR	-0.328	0.0000285				
Min Intensity	0.298	0.000161				
Jitter	0.172	0.0316				

Significant Acoustic Features on Enjoyment Scores

Figure 12: Significant Acoustic Features (p-value < 0.05) on Enjoyment, Content, and Actions
Scores

nt on All Corr	p-value	Feature	C				
		reature	Corr	p-value	Feature	Corr	p-valu
-0.270	1.23E-10	angry	0.311	9.41E-14	angry	0.312	8.15E-
-0.143	7.95E-04	sad	-0.169	0.0000726	sad	-0.148	0.0005
0.126	3.20E-03	surprise	-0.117	0.00628	surprise	-0.131	0.0021
-0.117	6.23E-03	happy	0.107	0.0122	neutral	-0.0905	0.034
-0.215	1.01E-06	neutral	-0.0995	0.0198	long-gun	-0.124	0.0052
-0.210	1.74E-06	long-gun	-0.139	0.00163	Actions afte	r Pro-QAı	10n Video
-0.148	0.000799	has_weapon		0.0376	Feature	Corr	p-valu
Pro-OA	non Videos	sword	-0.0904	0.0418	happy 0.268 5.20E-		
		Content of	Pro-QAnc	on Videos	sad	-0.231	0.00008
	1	Feature	Corr	p-value	neutral	-0.212	0.00034
		happy	0.259	0.0000109	angry	0.178	0.0027
		neutral	-0.235	0.0000673	surprise	-0.141	0.0182
	0.00532	sad	-0.226	0.000129	has_weapon	-0.251	0.00008
	0.0160	angry	0.165	0.00548	long-gun	-0.215	0.00074
	0.000133	surprise	-0.143	0.0160	sword	-0.179	0.0053
-0.220	0.000567	has_weapon	-0.243	0.000136	Actions after Anti-QAnon Vide		
	0.00413	long-gun	-0.220	0.000561	Feature	Corr	p-valu
Anti-O/	non Videos	sword	-0.184	0.00409	angry	0.429	2.43E-1
		Content of	Anti-OAn	on Videos	fear	-0.179	0.0033
	1	Feature	Corr	p-value	neutral	0.128	0.0374
		angry	0.482	7.06E-17	surprise	-0.121	0.0495
		neutral	0.167	0.00647	has_weapon	0.125	0.0424
		fear	-0.123	0.0451	Significant Vi	ual Eastur	a an Aatic
		has_weapon	0.141	0.0213	Significant vis		es on Actio
ment Sco	res	long-gun	0.143	0.0197		scores	
	0.126 -0.117 -0.215 -0.210 -0.148 Pro-QA Corr -0.234 -0.226 0.166 -0.143 -0.243 -0.220 0.184 Anti-Q <i>²</i> Corr -0.230 -0.169 -0.156 Visual Fe	0.126 3.20E-03 -0.117 6.23E-03 -0.215 1.01E-06 -0.210 1.74E-06 -0.148 0.000799 Pro-QAnon Videos Corr p-value 0.259 0.0000105 -0.234 0.0000722 -0.226 0.000127 0.166 0.00532 -0.143 0.0160 -0.243 0.000133 -0.220 0.000567 -0.184 0.00413 Anti-QAnon Videos Corr Corr p-value -0.230 0.000154 -0.230 0.000154	0.126 3.20E-03 surprise -0.117 6.23E-03 happy -0.215 1.01E-06 neutral -0.210 1.74E-06 long-gun -0.148 0.000799 has_weapon Pro-QAnon Videos sword Content of 0.259 0.0000105 Feature -0.234 0.0000722 happy -0.226 0.000127 neutral 0.166 0.00532 sad -0.220 0.0000567 has_weapon -0.243 0.000133 surprise -0.200 0.000567 has_weapon -0.230 0.000154 grup -0.230 0.000579 angry -0.169 0.00579 angry -0.169 0.00579 angry -0.169 0.00579 angry -0.169 0.00579 fear foar fear has_weapon	0.126 3.20E-03 surprise -0.117 -0.117 6.23E-03 neutral -0.0995 -0.215 1.01E-06 neutral -0.0995 -0.210 1.74E-06 long-gun -0.139 -0.148 0.000799 has_weapon -0.0923 Pro-QAnon Videos sword -0.0904 Corr p-value Ocorr -0.226 0.166 0.00532 sad -0.226 -0.143 0.0160 angry 0.165 -0.220 0.000567 angry 0.163 -0.220 0.000567 has_weapon -0.220 -0.169 0.00579 angry 0.482 -0.169 0.00579 angry 0.482 -0.169 0.0108 fear -0.123 Visual Features on 0.141 0.167 fear	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	0.126 3.20E-03 surprise -0.117 0.00628 surprise -0.117 6.23E-03 happy 0.107 0.0122 neutral -0.215 1.01E-06 neutral -0.0995 0.0198 long-gun -0.210 1.74E-06 long-gun -0.0923 0.0376 Feature -0.210 1.74E-06 long-gun -0.0923 0.0376 Feature Pro-QAnon Videos sword -0.0904 0.0418 happy 0.259 0.0000105 Feature Corr p-value neutral -0.234 0.0000722 happy 0.259 0.0000109 angry -0.143 0.0160 angry 0.165 0.00548 long-gun -0.243 0.000133 surprise -0.143 0.0160 sword -0.184 0.00413 long-gun -0.220 0.000567 has_weapon -0.184 0.00409 -0.169 0.00579 angry 0.482 7.06E-17 surprise -0.169 0.00579 angry 0.482 7.06E-17 surprise	0.126 3.20E-03 surprise -0.117 0.00628 surprise -0.131 -0.117 6.23E-03 happy 0.107 0.0122 neutral -0.0995 0.0198 -0.215 1.01E-06 neutral -0.0995 0.0198 long-gun -0.124 -0.210 1.74E-06 long-gun -0.0923 0.0376 Feature Corr Pro-QAnon Videos sword -0.0904 0.0418 Feature Corr happy 0.259 0.0000105 -0.226 0.000105 Feature Corr p-value neutral -0.215 neutral -0.215 0.0226 0.000127 neutral -0.226 0.000129 angry 0.165 0.00573 surprise -0.141 0.166 0.005567 has_weapon -0.220 0.000561 sword -0.179 -0.230 0.000154 sword -0.184 0.00409 neutral 0.125 -0.169 0.00579 angry 0.482 7.06E-17 neutral 0.125 -0.155 0.0108 fear <t< td=""></t<>

Figure 13: Significant Visual Features (p-value < 0.05) on Enjoyment, Content, and Actions Scores