



Oxford Internet Institute
University of Oxford

COMPROP

Computational Propaganda

Investigating the Impact of Algorithms and
Bots on Political Discourse in Europe

www.politicalbots.org

US Presidential Election

Table 1: Summary of Highly Automated Activity

	First Debate	Second Debate	Third Debate	Election
For each pro-Clinton tweet from a highly automated account, the number of pro-Trump tweets	4.4	4.2	6.9	4.9
Percent of pro-Trump content from highly automated accounts that either used pro-Trump hashtags or mixed with the pro-Clinton or Neutral hashtags	67.2	66.6	67.2	81.9
Proportion of hashtag sample generated by highly automated accounts	23.3	26.1	27.2	17.9

Source: Authors' calculations from data sampled during the first debate (26-29/09), second debate (9-12/10), third debate (19-22/10), and election (1-9/11).

Note: We define heavily automated accounts as tweeting 50 times or more per day on election topics.

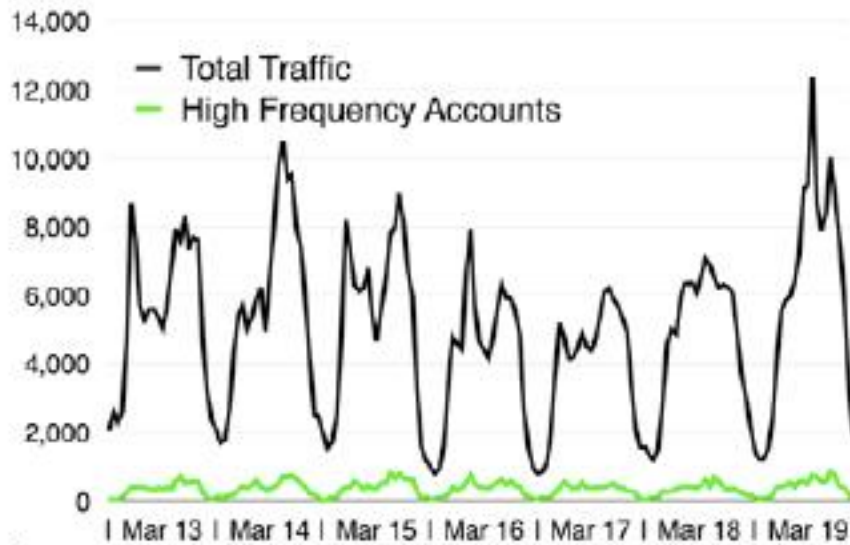
US Presidential Election - Michigan

Table 2: What political news and information was Michigan sharing over Twitter?

<i>Type of Source</i>	<i>N</i>	<i>%</i>	<i>N</i>	<i>%</i>
Professional News Content				
Major News Brands	4,684	73.1		
Minor News Brands	1,724	26.9		
Subtotal	6,408	100.0	6,408	25.9
Professional Political Content				
Political Party or Candidate	658	78.1		
Experts	121	14.4		
Government	64	7.6		
Subtotal	843	100.0	843	3.4
Other Political News and Information				
Junk News	6,469	54.5		
Humor or Entertainment	2,024	17.1		
WikiLeaks	1,186	10.0		
Citizen or Civil Society	908	7.7		
Other Political	700	5.9		
Political Merchandise	249	2.1		
Russia	211	1.8		
Religion	121	1.0		
Subtotal	11,868	100.0	11,868	47.9
Other				
Social Media Platform	3,038	81.5		
Other Non-Political	689	18.5		
Subtotal	3,727	100.0	3,727	15.0
No Longer Available	1,937		1,937	7.8
Total	24,783		24,783	100.0
<i>Source: Authors' calculations from data sampled 1-11/11/16.</i>				

French Presidential Election: Rounds 1 and 2

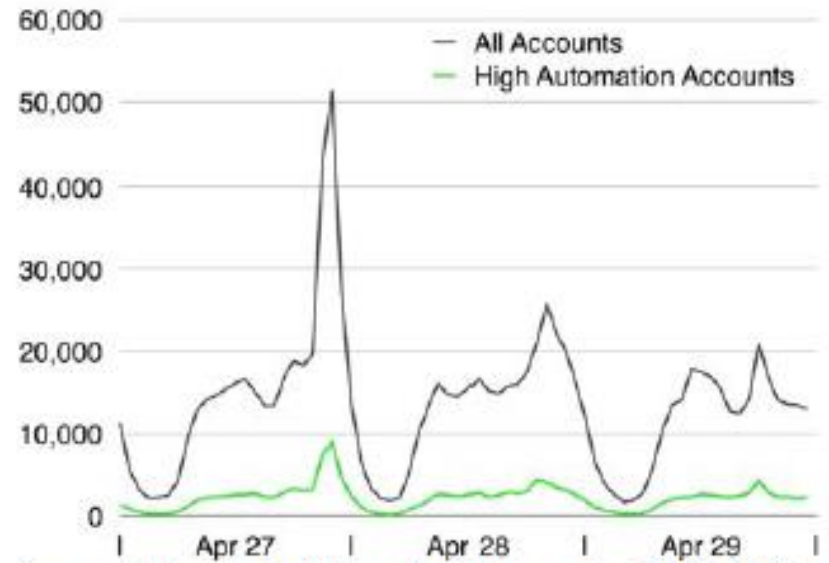
Table 3: High Frequency Tweeting about the French Election, Election, Hourly, First Round



Source: Authors' calculations from data sampled 03/13-03/19.
Note: This figure is based on all the hashtags used in the tweets.

Table 4: High Frequency Tweeting about the French

Hourly, Second Round



Source: Authors' calculations from data sampled 04/27-04/29.
Note: This figure is based on all the hashtags used in the tweets.