

Carnegie Mellon Users of both hashtags separate into two partisan groups								
		Usage by #Fa	keNews Users	Usage by #NotABot Users				
		Red (%)	Blue $(\%)$	Red (%)	Blue (%)			
ve	#trudeaumustgo	20.93	0.81	21.67	1.52			
Conservative	#scheer4pm	1.86	0.03	1.93	0.05			
SI'V'	#trudeauworstpm	1.34	0.05	1.34	0.08			
nse	#liberalsmustgo	1.19	0.02	1.25	0.03			
8	#trudeaumustresign	1.17	0.03	1.19	0.07			
	#istandwithtrudeau	0.08	0.64	0.11	0.65			
al	#teamtrudeau	0.27	0.61	0.29	0.66			
Liberal	#scheerlies	0.02	0.45	0.02	0.48			
E	#scheerdisaster	0.02	0.42	0.02	0.45			
	#neverscheer	0.02	0.40	0.03	0.35			

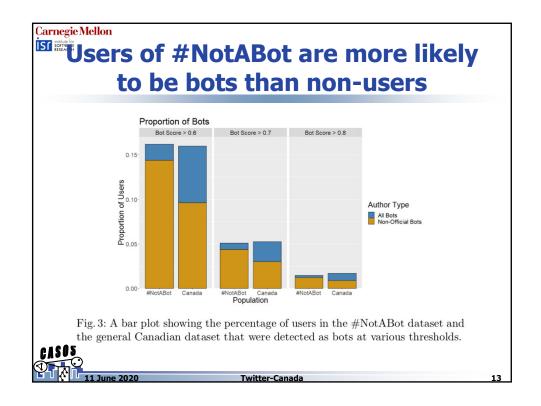
Table 3: The frequency of use for popular liberal-leaning and conservative-leaning hashtags in the CONCOR groups for the reciprocal communication networks of fake-news hashtag users and not-a-bot hashtag users. Usage frequency was calculated as the number of tweets using a hashtag divided by the total number of hashtag uses in that CONCOR group.

Twitter-Canada

June 2020



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Users of #NotABot are more likely to be bots than non-users

	All Bots			All Non-Official Bots		
Bot Threshold	#NotABot	Canada	P-Value	#NotABot	Canada	P-Value
≥ 0.60	16.21%	15.97%	0.545	14.38%	9.59%	2.2e-16
≥ 0.70	5.10%	5.25%	0.540	4.38%	3.00%	1.925e-1
≥ 0.80	1.47%	1.70%	0.104	1.22%	0.87%	0.00043

Table 4: The percentage of users in the #NotABot group and the rest of the Canadian users that are over the three different bot score thresholds. The p-value is associated with the 2-sample proportion test for equality.

 We ran a Mann-Whitney U Test to test if the distribution of two populations is the same, which was also highly significant





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to be bots than non-users

	Minimum	First Quartile	Median	Mean	Third Quartile	Maximum
#NotABot Users	2.66%	29.20%	42.74%	42.56%	55.01%	99.80%
Canadian Users	1.01%	27.00%	40.99%	41.20%	54.49%	100.00%
Table 5. The sum	hat george in the #Not A Pat group and					

Table 5: The summary statistics for the bot scores in the #NotABot group and the rest of the Canadian users.

 The difference in the mean and median bot scores for the two groups is ~2%, with the #NotABot users more likely to have higher bot scores

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