

OCTOBER. 2018

FGV DAPP
DEPARTMENT
OF PUBLIC
POLICY
ANALYSIS

VOLUME 2



THE STATE OF **DISINFORMATION**

Foreign networks on Twitter influenced
the Brazilian electoral debate

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Room

#observa2018

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- 5' [fci d' cZ & & dfcZ' Yg, identified by FGV DAPP from misinformative content about pedophilia, made a total of , 2%) ' di V' Wj' Wj' c' b' g in Portuguese in the period between \$, #\$/#B\$%, until \$- #B* #B\$%, related to Brazilian politics;

- The influencer with the most interactions in publications on the network of 232 profiles is the profile 4 FHSWt'a , a Russian state television channel. Spanish language profiles owned by FH, 4 5 Wt U' XUXFH and 4 Gdi lb] _bh a Russian news channel, also appeared with a high number of mentions;

- Out of the 232 profiles, -- 'fY' U' gYX' h Yj' ``c' Wj' c' b' X' U' U, which could be used to view the distribution of their tweets in the world according to the following image:

Among the last 400 publications by these 232 profiles, we identified tweets in more than (\$' X]gh]bWt' Ub[i U' Yg. The ones used the most were English, Spanish and Italian. Portuguese appeared in the sixth position; the tweets in Russian represented almost 3% of the base and were made by 54 profiles;

- The messages in these last 400 publications included the presence of the Italian vice prime minister, political leaders of the United States and youtuber DU' ``>c' gYd\ K U' t' g' c' b - who is associated with the alt-right -, as well as Russian portals FH, FH' Yb' 9gdU' c ` and Gdi lb] _;

- Some of these profiles have acted in other electoral debates, such as the in the I G5 YWfcbg (in which we found 87 accounts), in : fUbWY (55 accounts) and in ; Yfa Ubm(98 accounts). In the debate about the exit of the I b]hYX' ?]bX[ca from the European Union (Brexit), there were 66 accounts. We also found their participation in debates in 5 f[Yb]bUŽ DUfU[i U] and A YI]W.

Fake News about pedophilia



106 profiles

identified spreading fake news



2468 profiles

interacted with @garoukike



@marcelothor69



@garoukike

retweets

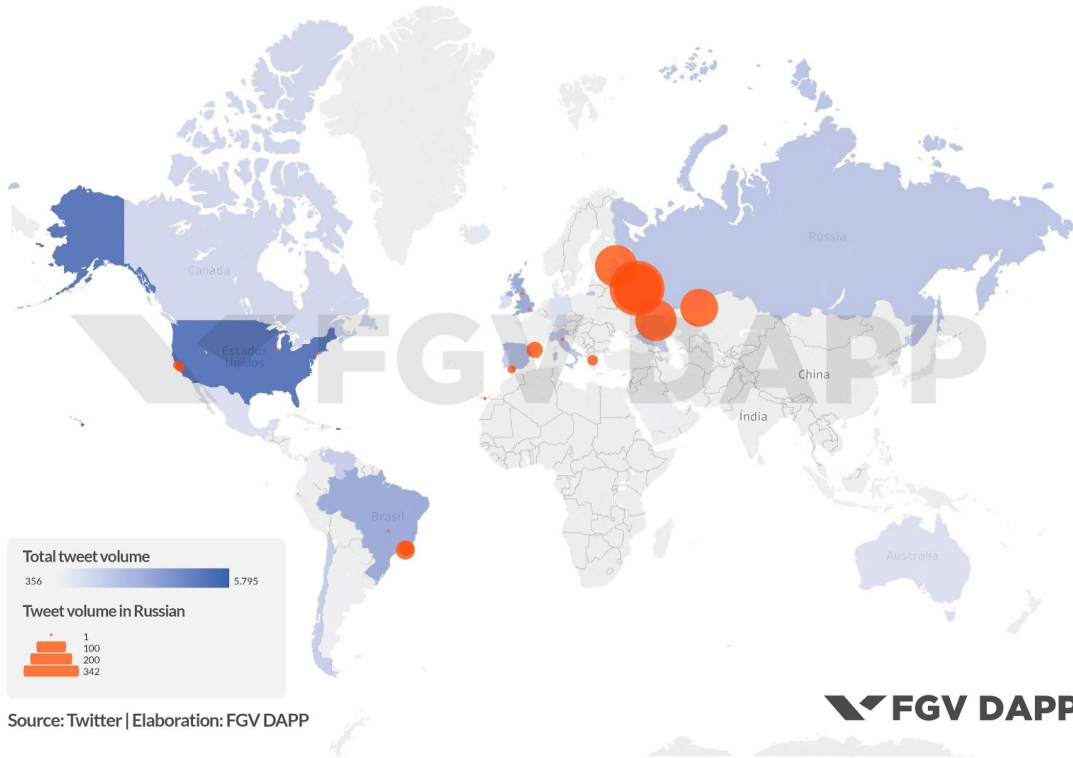
232 profiles

International networks interacting about Brazilian elections

also published content in many international elections

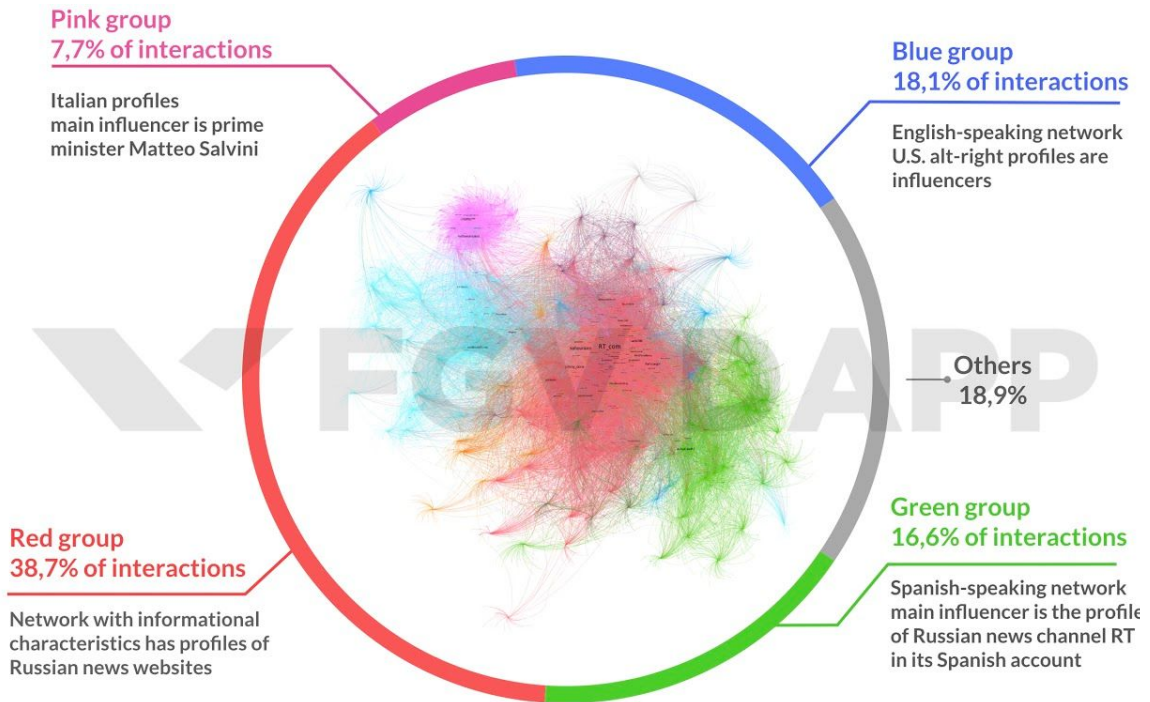
Germany 98	USA 87	Brexit 66	France 55
Mexico 47	U.K. 45	Paraguay 37	Argentina 11

Source: Twitter | Elaboration: FGV DAPP



Source: Twitter Elaborated by FGV DAPP. Note: yellow dots represent tweets in Russian.

Analysis of retweets of the 400 most recent publications made by users presents in the misinformation chain

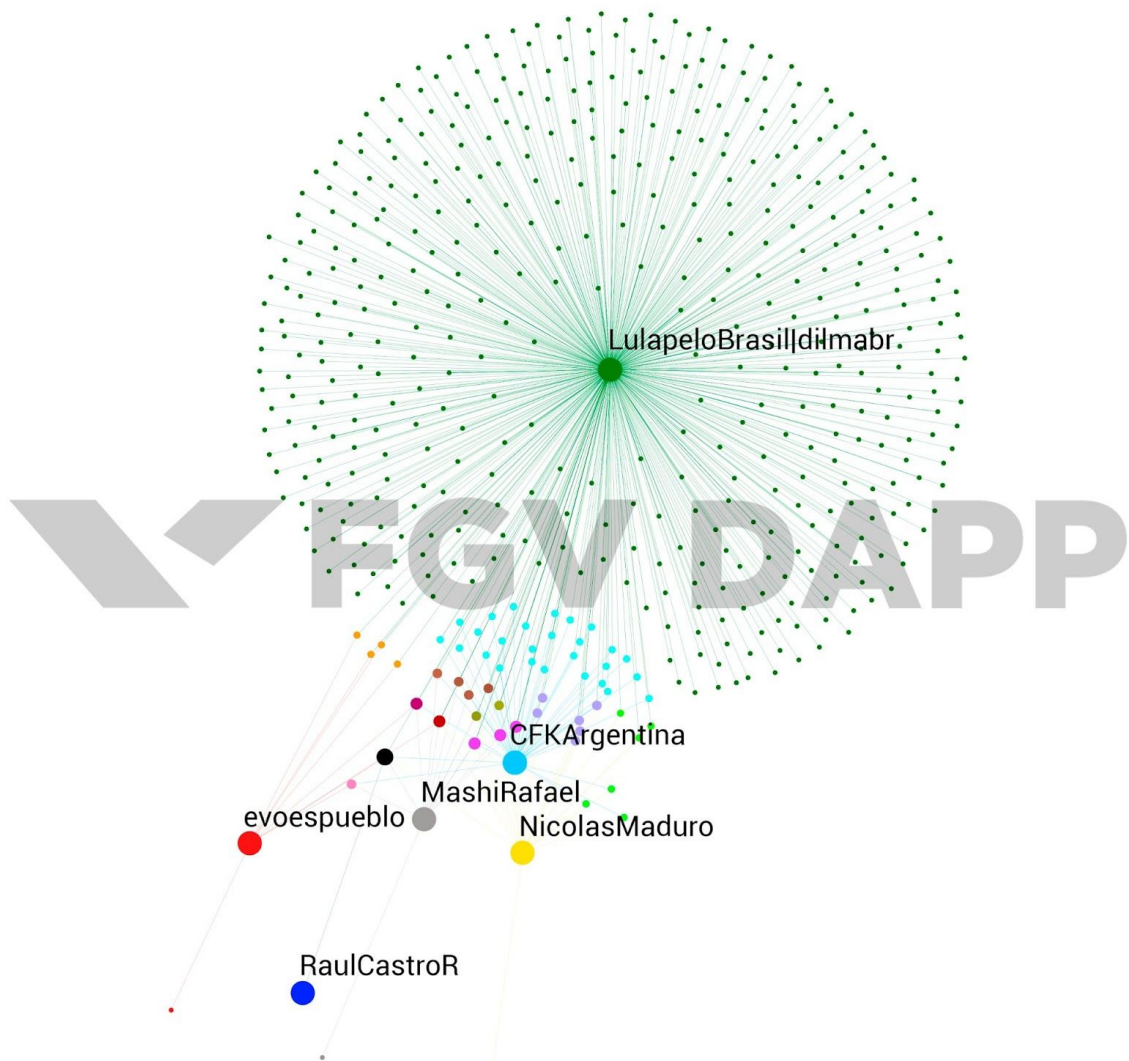


Yá· º | ZI VZ`Vnk b ` _xnk `1M|b `° k Zx0M

- In the period between 5 i [i gh % ` UbX` & ž &\$%, FGV DAPP identified %&` U lca UHYX` dfcZ`Yg coming Zca ` JYbYni YU, which made 332 publications. We also found %% dfcZ`Yg coming from 5f[YbhjbU with 18 publications, * ` 7i VUb` UWWti blg with 39 publications, and (` dfcZ`Yg coming from 9W UXcf with 11 publications, publishing content in favor of the PT candidacy, adding up to 138 profiles;

The bots we identified complemented our previous data collection, with a XUUVUgY` Zca ` CWcVYf` lc` 8 YWa VYfž &\$%+, in which we also identified mentions made by UWWti blg from 5f[YbhjbU J YbYni YU and `9W UXcf in interactions with the official profiles of Brazilian political actors and actors associated with parties and political figures, aligned with the left wing in these countries;

Relationships between the bots and the political actors



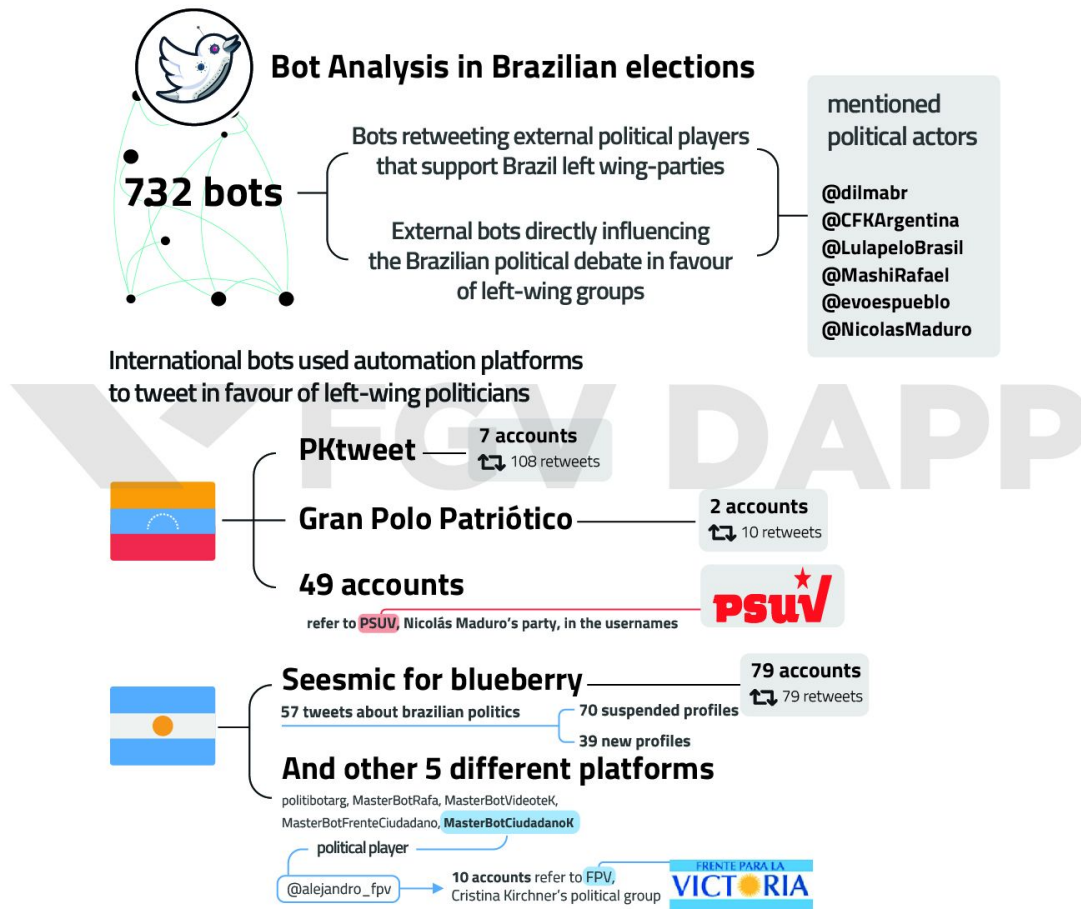
Source: Twitter | Elaboration: FGV DAPP

- Out of the 1,000,000 profiles in the 2017 database, 732 were tagged as bots.

- The graph shows the relationship between the bots and the political actors. Each knot in the graph represents a profile (except for 'LulapeloBrasil|dilmabr', which is the combination of Lula's and Dilma's profiles); named knots represent actors and unnamed knots represent bots. Each edge connects a bot to a political actor and means that the bot mentioned that actor one or more times. The bigger the knot is for each automated profiles, the more political actors it mentioned in its publications.

- The list of bots that mentioned more than one politician is highlighted. To help visualize the degree of proximity to political actors, we highlighted only the groups of automated profiles that mentioned more than one politician.

Relationship between each group of bots and the political actors



Source: Twitter | Elaboration: FGV DAPP