

HOW PEOPLE THINK ABOUT NATO IN UKRAINE-RUSSIA CONFLICT

Neither Ukraine nor Russia is a member of NATO, yet the organization is thought to be behind the crisis

What is the project's motivation?

Understanding people's voices surrounding NATO and their respective network can help a better understanding of an overall international community's view of the conflict

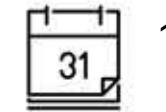
How did we collect the data?



via TAGS



~6,400 tweets



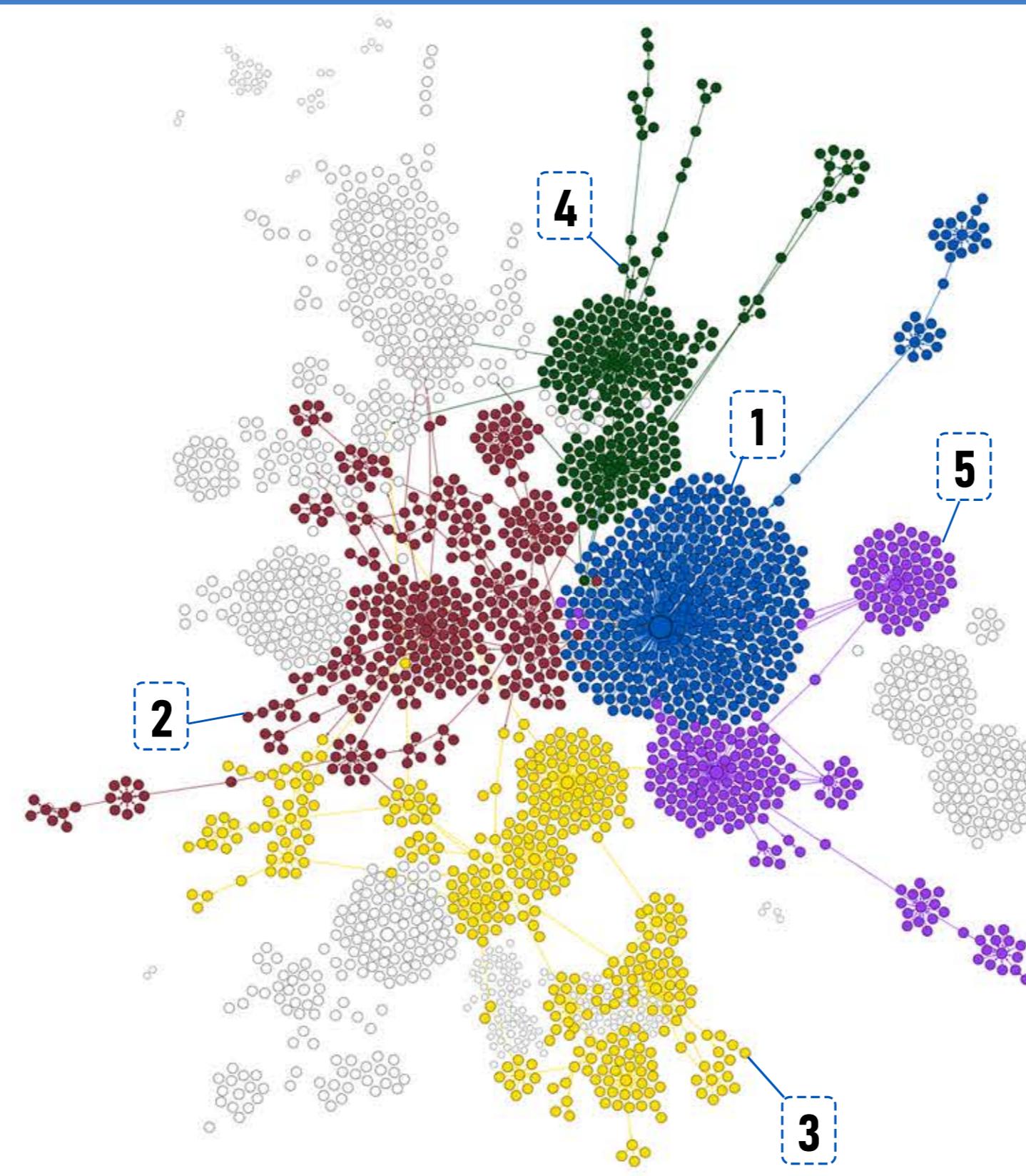
13-19 Mar



NATO, UkraineRussianWar,
UkraineRussiaWar,
RussianUkraineWar,
UkraineWar; Lang: EN

What are the network's characteristics?

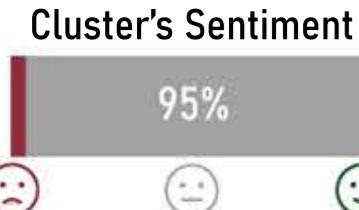
Nodes	4128	Cluster Coefficient	0.006
Edges	3760	Component	595
Avg. Degree	0.911	Modularity	0.955
Avg. Weighted Degree	1.099	Closeness Centrality	0.682
Network Diameter	3	Betweenness Centrality	0.533
Graph Density	0	Eigenvector Centrality	0.003
Avg. Path Length	1.38		



What do the clusters tell?

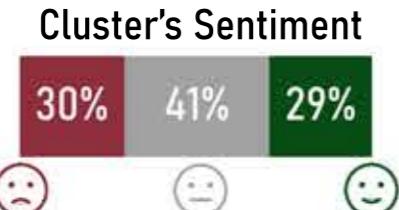
1 Trump & Putin **9.45%** of the network

- Hub is a novelist & progressive activist (@steverustad1)
- 92% of the cluster is connected to a tweet (most RT-ed overall)



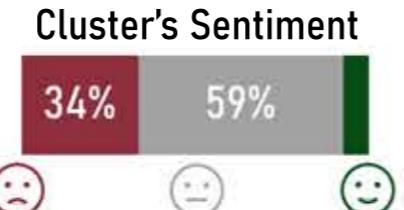
2 @NATO **9.42%** of the network

- NATO's behavior during the war
 - No-fly zone
 - Leave Ukraine to fight alone
- Interconnected with other clusters
- 18% of cluster mention NATO



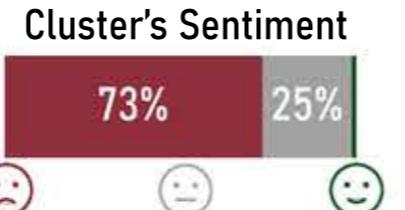
3 Ukraine-Centered **7.70%** of the network

- Current situation in Ukraine
- Kyiv must accept that it will not join NATO
- Well-connected node: independent newspaper



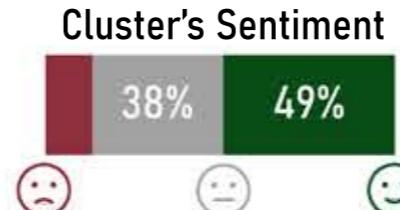
4 #Truth & #Facts **5.69%** of the network

- "Biden should stop NATO expansion"
- "US is lying and hiding critical issues on biolabs"
- "Russia is protecting Ukrainian Civilians"



5 Avoidance of WW III **5.50%** of the network

- Direct confrontation of NATO and Russia will be WW III
- Hubs (2 users) produce contents for 80% of clusters
- #PutinWarCriminal, #VolodymyrZelensky



Most Active User & Retweeted Post



Steve Rustad
@SteveRustad1

Trump was tough on Russia???

Like hell he was.

Putin bought him.

Putin paid for him.

Putin fucking OWNED him.

Treasonous asshole.

KK_10
@kk13106
SAY WHAT YOU MEAN & MEAN WHAT YOU SAY
WARNING: I'm not politically correct
#Humanity #HumanRights
Kuala Lumpur, Malaysia Joined November 2019
29.5K Following 32.8K Followers

#Ukraine #TrumpRally #UkraineRussiaWar #Iraq President Donald Trump Ukraine is in NATO Erbil Kinzinger South Carolina Lou Holtz Rachel Maddow

What are the recurring words?



What are the key insights?

- 1) **Users:** Most active user and author of most RT-ed tweet are **not** public institutions accounts

- 2) **Word Cloud:** Key politicians' names come up frequently as **substitute words** of countries they are based in

- 3) **Network Structure:** Clusters contain small **hub-and-spoke networks** that are linked together by high betweenness centrality nodes

- 4) **Preferential Attachment:** The network has few well-connected nodes (mostly journalists or activists) and many nodes have low degree of connection

- 5) **Homophily:** People who are **strongly opposed** to NATO/USA gather at Cluster "#Truth & #Facts"