Did the Russian invasion of Ukraine depolarize political discussions on Finnish social media?

Aalto University

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Data: Finnish tweets containing keywords related to NATO, from Feb 10 2022 to Mar 30 2022. *Method:* Community detection (Leiden algorithm¹) + network structure analysis + tweet content analysis.

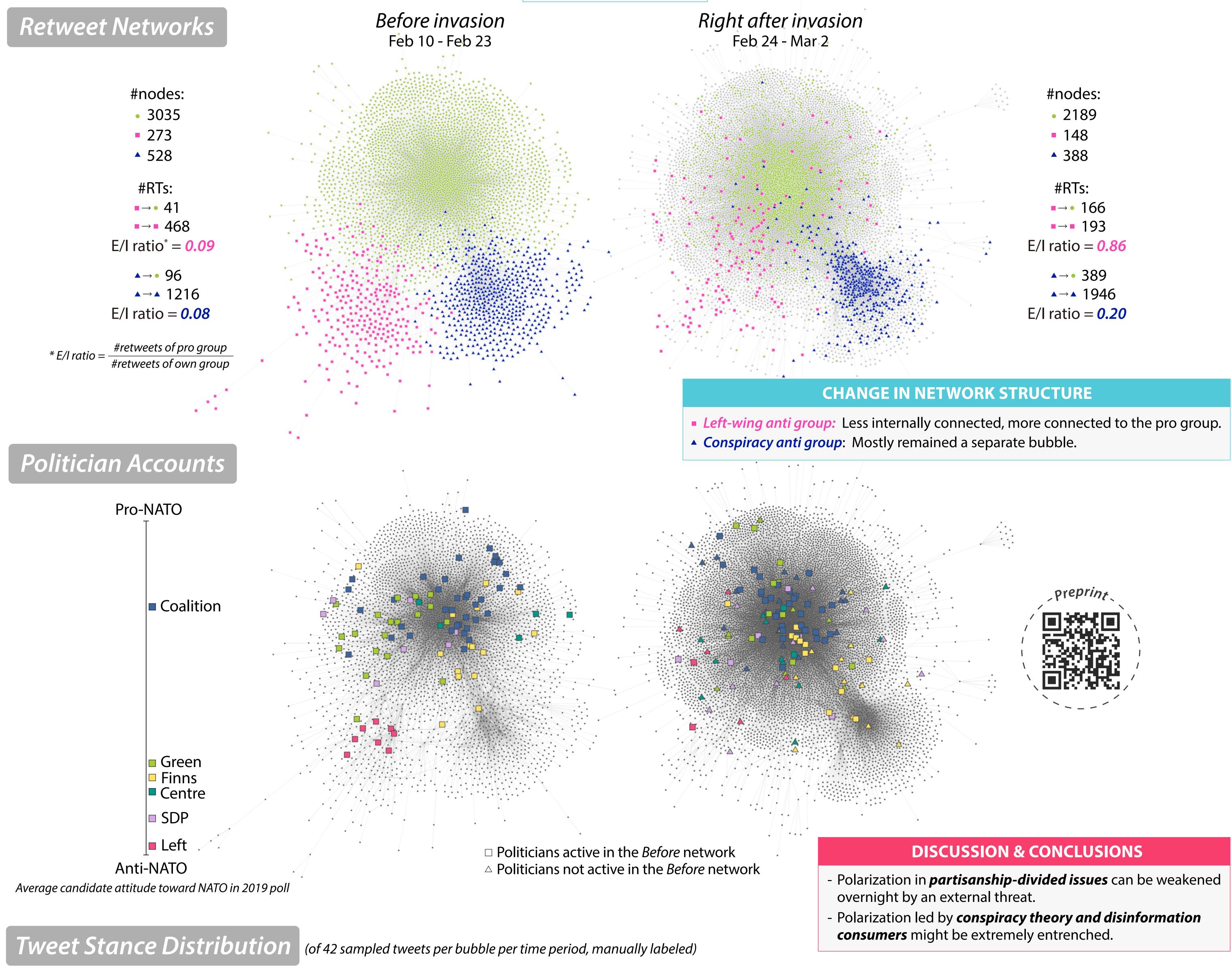
TOPIC: NATO MEMBERSHIP

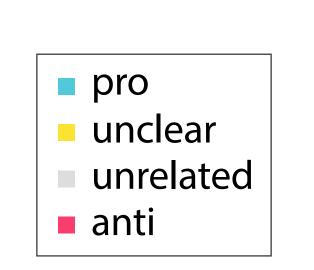
"We don't want nuclear weapons, we want peace" "NATO has been involved in violation of human rights"

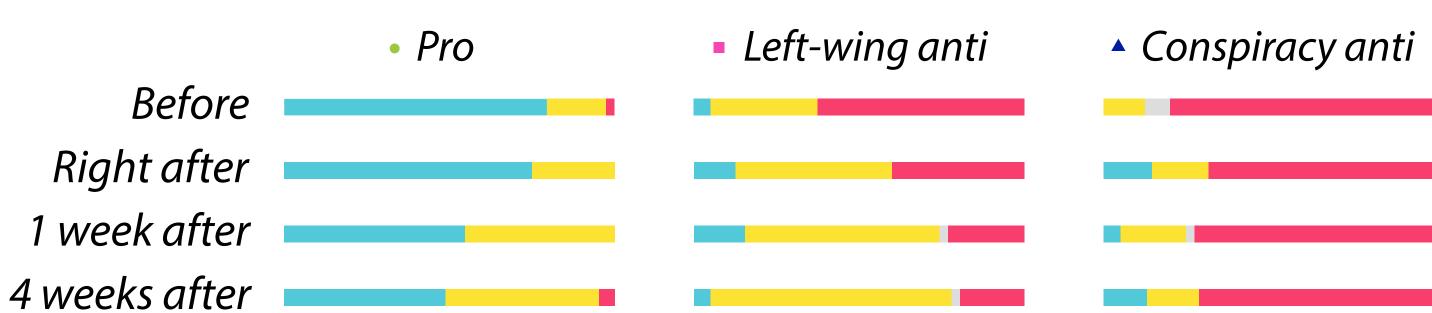
THREE BUBBLES

- Pro-NATO
- Left-wing anti-NATO
- Conspiracy anti-NATO

"NATO equals supporting globalism, which is set out to destroy the Finnish nation" "Those who support the poisonous vaccines are the ones who want to join NATO"







CHANGE IN DISCUSSION CLIMATE

- *Left-wing anti group:* Shared with the pro group a critical attitude toward the invasion; Moved from explicitly voicing anti-NATO stances to asking for more discussion on NATO.
- ▲ Conspiracy anti group: Consistently anti-NATO.

Data: Finnish tweets containing keywords related to immigration or climate change, from Jan 1 2021 to Oct 30 2022.

Method: For each topic, 1) identify a pro group and an anti group by clustering retweet networks from Jan 2021 to Sept 2021, 2) construct the weekly retweet networks among these users from Oct 2021 to Oct 2022, and 3) plot the polarization score (negative Krackhardt E-I index²) of each weekly network.



What still polarizes:

- Anti: Ukrainians should be treated differently
- Pro: Hypocritical to treat them differently

What depolarizes: - Have to get rid of fossil fuels

- Nuclear energy is good

What still polarizes:

- Anti: Green transition is to blame
- Pro: Green transition is not to blame

TOPIC: IMMIGRATION

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DISCUSSION & CONCLUSIONS

- The invasion induced *more fluctuation in the level of polarization* in retweet networks.
- Pro and anti groups find **common ground**.
- But they interpret it based on *motivated reasoning*.

TOPIC: CLIMATE, ENERGY

References

- 1. Traag VA, Waltman L and Van Eck NJ (2019) From louvain to leiden: guaranteeing well-connected communities. *Scientific reports* 9(1): 1–12.
- 2. Krackhardt D and Stern RN (1988) Informal networks and organizational crises: An experimental simulation. Social Psychology Quarterly 51(2): 123–140.