Examining Political Polarization and Social Network Dynamics on Social Media

Ahmet Furkan Ün - Enis Mert Kuzu - Taner Giray Sönmez

Summary of the Proposal

Social media has changed the way people communicate and consume news and political information. However, it has been accused of aggravating political polarization and creating echo chambers that reinforce people's preexisting beliefs. The purpose of this literature review is to investigate research on political polarization and social network dynamics on social media platforms. The review will specifically examine the role of social networks in shaping political attitudes and behaviors, the impact of algorithmic curation on polarization, and the efficacy of intervention strategies to mitigate the effects of polarization.

Goal and Objectives

The literature review will employ a systematic search of seven articles whose names can be found in the annex. However, the search will be limited to articles published between 2010 and 2022. The review will include empirical studies, reviews, and meta-analyses that address the topic. The review of the literature is expected to provide a comprehensive overview of research on political polarization and social network dynamics on social media platforms. It will highlight promising intervention strategies to mitigate the effects of polarization and identify key research gaps. Furthermore, the review will provide insights into social media's potential as a tool for promoting political engagement and promoting deliberative dialogue.

References

Amjad, Kinza, Muzammil Saeed, Farahat Ali, and Muhammad Awais. "Social Media Use and Political Polarization: Political Engagement as a Mediator." The Journal of Social Sciences Research, no. 68 (2020): 804–10. https://doi.org/10.32861/jssr.68.804.810.

Cantini, Riccardo, Fabrizio Marozzo, Domenico Talia, and Paolo Trunfio. "Analyzing Political Polarization on Social Media by Deleting Bot Spamming." Big Data and Cognitive Computing 6, no. 1 (2022): 3. https://doi.org/10.3390/bdcc6010003.

Conover, Michael, Jacob Ratkiewicz, Matthew Francisco, Bruno Goncalves, Filippo Menczer, and Alessandro Flammini. "Political Polarization on Twitter." Proceedings of the International AAAI Conference on Web and Social Media 5, no. 1 (2021): 89–96. https://doi.org/10.1609/icwsm.v5i1.14126.

Colleoni, Elanor, Alessandro Rozza, and Adam Arvidsson. "Echo Chamber or Public Sphere? Predicting Political Orientation and Measuring Political Homophily in Twitter Using Big Data." Journal of Communication 64, no. 2 (2014): 317–32. https://doi.org/10.1111/jcom.12084.

Gunnarsson Lorentzen, David. "Polarisation in Political Twitter Conversations." Aslib Journal of Information Management 66, no. 3 (2014): 329–41. https://doi.org/10.1108/ajim-09-2013-0086.

Hong, Sounman, and Sun Hyoung Kim. "Political Polarization on Twitter: Implications for the Use of Social Media in Digital Governments." Government Information Quarterly 33, no. 4 (2016): 777–82. https://doi.org/10.1016/j.giq.2016.04.007.

Yarchi, Moran, Christian Baden, and Neta Kligler-Vilenchik. "Political Polarization on the Digital Sphere: A Cross-Platform, over-Time Analysis of Interactional, Positional, and Affective Polarization on Social Media." Political Communication 38, no. 1-2 (2020): 98–139. https://doi.org/10.1080/10584609.2020.1785067.