Fact-Checking and Partisan Cheerleading

Je Hoon Chae UCLA July 25, 2023

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 - 2. News agencies: CNN, The Washington Post, NPR, The New York Times

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 - Even when the source of the fact-checking is out-group organizations (Chae et al., 2023)

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 - Fact-checking news dissemination within social media platforms (Bakshy et al., 2015; Barberá et al., 2015)

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 - Illustration of two-step flow on Twitter and Facebook (Barberá et al., 2015; Wells et al., 2016)

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 - Preference of directional goals over accuracy in news sharing, in line with motivated reasoning principles (Kunda, 1990)

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- 2. Does the selective sharing of fact-checking content on social media occur in accordance with its congruence to party or ideological alignments (**RQ2**)?
- 3. What traits define those who frequently share political fact-checking content on social media (**RQ3**)?

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 - 3.3 Leave only commonly existing samples in both dataset: N = 153,797 ($\approx 83\%$ of *PolitiFact* Retweeters)

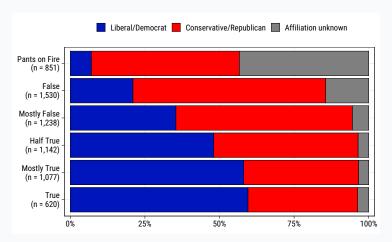


Figure 1: Proportion of fact-checks sorted by the adjudication and party affiliation or political leaning of the target factual claim, conducted by *PolitiFact* from January 1, 2016, to December 31, 2021 (N=6,458).

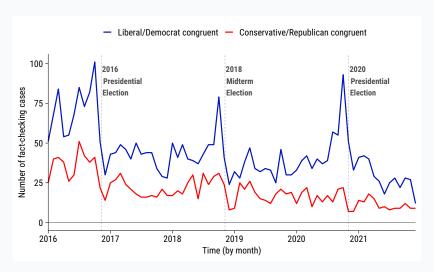


Figure 2: Number of fact-checking articles that are congruent with Liberal/Democrats or Conservative/Republicans over time, presented on a monthly basis (N = 4,598).

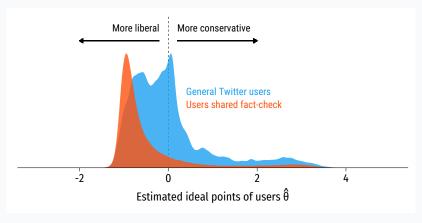


Figure 3: Comparative distribution of ideological scores for Twitter users (N=153,807) who retweeted fact-checking posts and the overall Twitter user base (N=64,579,485).

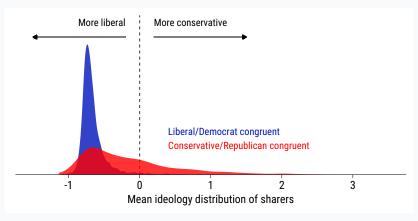


Figure 4: Distribution of mean ideological scores of Twitter users who shared fact-checking posts, subdivided by each adjudication and the party affiliation/political leaning of the fact-check target.

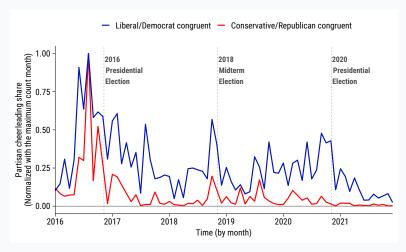


Figure 5: Timeline displaying the partisan selective sharing behavior of users from each political ideology (normalized by the maximum month's count in each ideology; $N_{\text{Max: Libs/Dem}} = 131,743$; $N_{\text{Max: Cons/Rep}} = 14,201$).

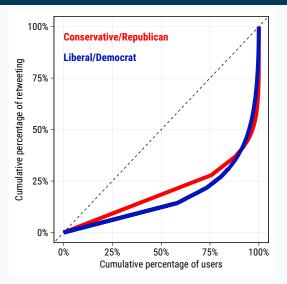


Figure 6: Lorenz curve depicting the cumulative distribution of users sharing political fact-checks, stratified by users' political ideology.

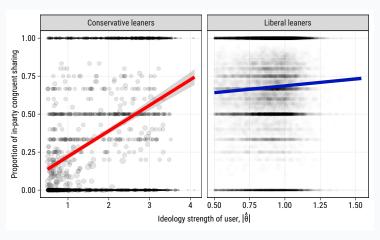


Figure 7: Plot depicts the correlation between political ideology intensity and the proportion of selective fact-check sharing, with separate evaluations for Conservative-leaning and Liberal-leaning users.

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- 4. This pattern of partisan cheerleading is also pronounced among liberal users, especially during election periods.

References

- Amazeen, M. A. (2020). Journalistic interventions: The structural factors affecting the global emergence of fact-checking. Journalism, 21(1), 95–111. https://doi.org/10.1177/1464884917730217
- Bakshy, E., Messing, S., & Adamic, L. A. (2015). Exposure to ideologically diverse news and opinion on facebook. *Science*, 348(6239), 1130–1132. https://doi.org/10.1126/science.aaa1160
- Barberá, P. (2015). How social media reduces mass political polarization. Evidence from germany, spain, and the US. Working Paper. https://pablobarbera.com/static/barbera_polarization_APSA.pdf
- Barberá, P., Jost, J. T., Nagler, J., Tucker, J. A., & Bonneau, R. (2015). Tweeting from left to right: Is online political communication more than an echo chamber? Psychological Science, 26(10), 1531–1542. https://doi.org/10.1177/0956797615594620
- Bode, L. (2016). Political news in the news feed: Learning politics from social media. Mass Communication and Society, 19(1), 24–48. https://doi.org/10.1080/15205436.2015.1045149
- Chadwick, A. (2011). The political information cycle in a hybrid news system: The british prime minister and the "bullygate" affair. International Journal of Press/Politics, 16(1), 3–29. https://doi.org/10.1177/1940161210384730
- Chae, J. H., Lee, S. Y., & Song, H. (2023). Perceiving fact-checks as biased but nevertheless persuaded? Effects of fact-checking news delivered by partisan media. OSF Preprints. https://doi.org/10.31219/osf.io/fws6d
- Coppock, A., Gross, K., Porter, E., Thorson, E., & Wood, T. J. (2023). Conceptual replication of four key findings about factual corrections and misinformation during the 2020 US election: Evidence from panel-survey experiments. *British Journal of Political Science*, 1–14. https://doi.org/10.1017/S0007123422000631
- Flaxman, S., Goel, S., & Rao, J. M. (2016). Filter bubbles, echo chambers, and online news consumption. *Public Opinion Quarterly*, 80, 298–320. https://doi.org/10.1093/poq/nfw006
- Fletcher, R., & Nielsen, R. K. (2018). Are people incidentally exposed to news on social media? A comparative analysis. New Media & Society, 20(7), 2450–2468. https://doi.org/10.1177/1461444817724170
- Gantz, W., & Trenholm, S. (1979). Why people pass on news: Motivations for diffusion. Journalism Quarterly, 56(2), 365–370. https://doi.org/10.1177/107769907905600221
- Garrett, R. K., & Bond, R. M. (2021). Conservatives' susceptibility to political misperceptions. Science Advances, 7(23), eabf1234. https://doi.org/10.1126/sciadv.abf1234
- Graves, L. (2016). Deciding what's true: The rise of political fact-checking in american journalism. Columbia University Press.
- Guess, A. M., Nyhan, B., & Reifler, J. (2020). Exposure to untrustworthy websites in the 2016 US election. *Nature Human Behaviour*, 4(5), 472–480. https://doi.org/10.1038/s41562-020-0833-x
- Iyengar, S., Lelkes, Y., Levendusky, M., Malhotra, N., & Westwood, S. J. (2019). The origins and consequences of affective polarization in the united states. *Annual Review of Political Science*, 22, 129–146. https://doi.org/10.1146/annurev-polisci-051117-073034
- Iyengar, S., Sood, G., & Lelkes, Y. (2012). Affect, not ideologya social identity perspective on polarization. Public Opinion Quarterly, 76(3), 405–431. https://doi.org/10.1093/poq/nfs038
- Karnowski, V., Leiner, D. J., Sophie Kümpel, A., & Leonhard, L. (2021). Worth to share? How content characteristics and