Review of: "Motivated Reasoning Leads Climate Change Deniers to Access Unreliable Online Sources of Information: Automated Text Analyses of Multiple Reddit Communities"

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The topic is interesting. The author used the automated text analyses to solve the emerging social science problem. However, the abstract didn't provide a background regarding the area. There is no clear and specific research problem that the author tend to solve. Also, there is no conclusion that indicates the finding's contribution. The abstract is hard to identify who the audience is for this study.

At the beginning, the author assumed "Motivated reasoning suggests two online behaviors more likely to be adopted by climate change deniers compared to believers: (a) seeking out and interacting with like-minded people, and (b) relying on questionable sources of evidence." There is no evidence to support this claim. How and why did the authors propose this claim? The author could provide evidence or explain why this claim exists. Otherwise, this study isn't convincing.

The literature review part is not enough. The author could do more literature related to motivated reasoning, climate change and online behavior. The current literature didn't explain well the research problem or identify the research hypotheses. The literature review is hard to identify a specific research problem that the authors plan to solve. Why did the author conduct this study? Also, the author needs to explain why the automated text analysis methods can solve this problem, rather than the other method?

Additionally, a theoretical framework could be added to explain why this study is conducted. The author stated that motivated reasoning offers a theoretical basis for understanding how members of online forums behave when beliefs and attitudes associated with self-identity are threatened by mounting evidence. This concept didn't provide a theoretical background to support this study. The authors could choose a specific theory to explain why motivated reasoning can change online behavior on social media.