

# Review of: "Study of the Problems of Determining Public Opinion of the Israeli-Palestinian War in Social Networks"

Gustavo Mirapalheta<sup>1</sup>

<sup>1</sup> Fundação Getulio Vargas (FGV)

**Potential competing interests:** No potential competing interests to declare.

Based on the paper title, it intends to use a deep learning predictive model to analyse major roadblocks in determining public opinion on the Israeli-Palestinian War. The opinion source will be mainly Reddit comments.

First, I'd suggest adjusting the paper title to what is going to be written in the text body. From reading the paragraphs, sometimes you get an impression that the paper will try deploying a predictive model itself, sometimes that it will try finding the above-mentioned roadblocks on deploying one. After some reading, you get the paper's idea, which is to deploy one such model.

Therefore, let's proceed with the review, supposing that the main objective here is to deploy one such model. The model proposed here starts with a Sentiment Analysis Model, but it is not clear from the start what sentiments are going to be measured. This is said way much further in the text (in the "The main algorithm process part" section).

There will also be an algorithm that will be used to provide post weight based on other comments and a measure called "user karma." After that, a trendline of topics will be plotted to try describing what kinds of subjects, or sentiments, are increasing or decreasing in importance over time.

The graph that was presented is not very informative on this matter. There seems to be too many categories for the reader to keep track of. The way it was presented, it loses the information that it may convey in a mess of colored lines. My suggestion here would be to focus on a specific group of topics.

Overall, the main paper idea is interesting. The paper would benefit a lot from a more concise definition of the model objectives, especially when it comes to the target categories. This would greatly improve the paper's readability.

Hope this helps the authors.