Innovative deep learning methods for emotion analysis in new media and public opinion monitoring

This study provides new technical means for sentiment analysis and public opinion monitoring in new media. It helps to achieve more accurate and real-time monitoring of public opinion, which has important practical significance for social stability and public safety. This study definitely contributes to the body of knowledge. However, there are some major and minor changes are required to enhance its legibility.

1. The title is not expressive enough, it does not tell information about the methodology employed i.e. Innovative deep learning may be replaced with the term BiGRUA framework.

2. This manuscript is all about real-time public opinion monitoring, may be mentioned in the title of the paper

3. The abstract of this manuscript needs rewriting as there are multiple terms either misleading or not covering the subject matter such as “New Media”/news media, or “Deep learning technology” etc. It also failed to provide enough information about the research problem, methodology employed etc.

4. There are multiple grammatical errors in the manuscript

5. Paragraph from line 43-49 needs attention many key points mentioned but none of the attended properly in the manuscript such as controlling public opinion risk, research perspective methodological bibliography. Even term shortcomings is mentioned, however, there is no section or subsection that tells about shortcomings of this research idea

6. Line 54 citation missing

7. Line 59 citation missing

8. SENResNet terminologies used more than once but never defined in the lines 81-83 etc.

9. Related work needs additional references that explicitly dealing with real time emotion detection

10. Figure 1, source is missing cite the contributor

11. Figure 3 word segmentations is vivid many details are missing, consider redrawing