

Review of: "Artifact Subspace Reconstruction (ASR) for electroencephalography artifact removal must be optimized for each unique dataset"

SANTOSH SATAPATHY

Potential competing interests: The author(s) declared that no potential competing interests exist.

1. rewrite the abstract from the beginnings by focus on the "idea, develop points in this method presented by author's" and compare the results of this manuscript with other papers as values)
2. The introduction section could be improved by clarifying the similarities and differences between the related work and the proposed method are not clearly described. It is recommended to add a separate subsection and clear description in this regards.
3. multi figures and information appears as ambiguous and not clear
4. add new section under title the hypothesis and limitations of the develop method present by author(s)
5. multi points in this manuscript need justification and prove by the author(S), after each table or figure give specific description of result submitted by it described in three into five lines
6. add new section discuss on it the results with details and explain on it the main advantages and disadvantages of their method based on the author(s) opinion
7. the main benefit of previous works are to compare your work with it from points(techniques, preprocessing stage, results or evaluation measures), while the author(s) in this manuscript not compare their works with the previous works from any points. therefore, must add table at the final the related works analysis the previous work from points "techniques used, preprocessing techniques, type of dataset used, evaluation measures, advantage and disadvantages of that technique)
8. Readership appeal is moderate and there is scope for improvement using more pictorial and graphical representations.
9. Background information of this work can be provided more systematically and comprehensively, i.e. logic of this paper should be further enhanced.
- 10.Results and illustrations need to be revisited.
- 11.The conclusion section should be enhanced while presenting the findings and quantitative results
- 12.Figure 1 needs to be explained thoroughly.
- 13.The diagrams present needs explanation, without that it is quite difficult to understand for a naïve researcher
- 14.The conclusion section need to added with the reason for the variation of the result of the proposed approach with the previous results.

