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| Book Name: | [Medical Science: Recent Advances and Applications](https://bookstore.bookpi.org/product/medical-science-recent-advances-and-applications-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5195** |
| Title of the Manuscript: | **Comparative Analysis of Agglomerative Clusteringand K-means Clustering Algorithms for Brain Tumor Segmentation in MRI Images** |
| Type of the Article | **BOOK CHAPTER** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**African Journal of Biological Sciences, 6(9) (2024).**

[**https://doi.org/10.48047/AFJBS.6.9.2024.5310-5314**](https://doi.org/10.48047/AFJBS.6.9.2024.5310-5314)

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **This manuscript is highly valued work for segmentation of Brain tumor in MRI images which upholds the futuristic clinical trails and avoid the human error.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, “Comparative Analysis of Agglomerative Clustering and K-means Clustering Algorithms for Brain Tumor Segmentation in MRI Images” is very suitable |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **The abstract of the article is neat and it explains the proposed work and the methodology behind it, also the narrative way of technical explanation can be checked again** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes , the manuscript holds the correct explanation and provides valuable insights into the application of clustering algorithms in the domain of medical imaging analysis** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Recent, references should be added. Add atleast 5-6 references form 2021- 2025** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **Yes** |  |
| Optional/General comments | **Aligments, fonts can be checked again**  **The results and discussion can be reworked and the obtained results shall be added in the graph/ table format which would be more easier for understanding** |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

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