REVIEWER'S REPORT

Manuscript No.: IJAR-50321   Date: 19-02-2025

Title: **YOLOv10 and SAM 2.1 for Enhanced MRI Segmentation and Improved Neurological Disease Diagnosis**

Recommendation:
Accept as it is…………………**…………..**
Accept after minor revision**……………..**
Accept after major revision ………………
Do not accept (*Reasons below*) ………

Rating	Excel.	Good	Fair	Poor
Originality	√			
Techn. Quality		√		
Clarity		√		
Significance			√	

Reviewer's Name: Dr Aamina

Reviewer's Decision about Paper: **Recommended for Publication.**

Comments (*Use additional pages, if required*)

Detailed Reviewer's Comment / Report

This manuscript presents a well-structured and compelling study that addresses a critical topic within its field. The clarity of the writing, paired with the well-organized layout, ensures the reader can follow the research narrative effortlessly. The introduction effectively sets the stage, outlining the problem statement, research questions, and study objectives. Furthermore, the methodology is sound, with a clear justification of the chosen approach and a detailed description of the procedures, ensuring reproducibility.

The analysis is thorough, and the results are presented clearly, offering significant insights into the research problem. The interpretation of these results is thoughtful and aligns with the study's objectives. In addition, the paper includes a robust discussion section, which compares the findings with existing literature and highlights their relevance and implications for future research.

One of the strengths of the paper is its potential impact in advancing knowledge in the field. The findings contribute new perspectives and offer valuable information that could be used for future research endeavours. Overall, this manuscript represents a significant contribution to the scientific community and will undoubtedly spark further investigations in related areas.

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