

Review of: "Comparing YOLOv8 and Mask RCNN for object segmentation in complex orchard environments"

Muhammad Yasir¹

¹ China University of Petroleum

Potential competing interests: No potential competing interests to declare.

Your abstract does not highlight the specifics of your research or findings. Rewrite the Abstract section to be more meaningful. I suggest the following structure: Problem, Aim, Methods, Results, Implications, and Conclusion. Additionally, I suggest you make the abstract more summarized and focused.

- The introduction section can be extended to add the issues in the context of the existing work and how the proposed algorithms/approach can be used to overcome this.

- The author should also think about the given papers for more details and cite them in their paper,

[DOI:10.1109/IPCCC59175.2023.10253843](https://doi.org/10.1109/IPCCC59175.2023.10253843); [DOI:10.1080/01431161.2023.2182652](https://doi.org/10.1080/01431161.2023.2182652); [DOI:10.3389/fmars.2022.1086140](https://doi.org/10.3389/fmars.2022.1086140);

[DOI:10.1007/s00500-022-07522-w](https://doi.org/10.1007/s00500-022-07522-w); [DOI:10.3389/fmars.2023.1113669](https://doi.org/10.3389/fmars.2023.1113669)

- It's better to highlight the research gap clearly in the introduction.

- It's better to highlight the novelty of your study in the introduction.

- The language usage throughout this paper needs to be improved; the author should do some proofreading on it.

- It is better to demonstrate the methodology in a figure to be more clear.

- For an additional check of the validity of your methodology, consider the need to perform a comparison of the obtained results with the results obtained by other methods/methodologies (comparative analysis).