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

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Potential competing interests: No potential competing interests to declare.

An examination of the study titled "Comparing Mask RCNN and YOLOv8 for object segmentation in complex orchard environments."

To ensure the acceptance of the work for publication, I recommend making substantial revisions. Below are my comprehensive observations and suggestions:

• Additional information pertaining to implementation should be included.

• The dataset size must be larger to effectively train a deep neural network.

• The research should address the practical limitations and challenges that may arise when implementing such simulations in real-world scenarios.