

1. The manuscript does not provide details about the source of the dataset used in the study. For transparency and reproducibility, please include information on where the dataset was obtained, including relevant citations or links. If the dataset is proprietary or custom-collected, please specify the methodology and context of data collection. Additionally, if a custom-collected dataset is used, kindly include information about the associated copyright policies and permissions to ensure compliance with data usage regulations
2. The manuscript mentions the use of the YOLO model, which requires a labeled dataset. However, it is unclear which labels were annotated in the dataset images (e.g., class labels, bounding box coordinates). Please provide detailed information about the labeling process, including the types of labels used. Additionally, since image labeling is a tedious process, clarify whether the labeling was done manually or if any automation techniques were used to facilitate the process.
3. It is not clear whether the existing YOLO models were used as they are or if any modifications were made to the model architecture or parameters. If modifications were made, please provide a detailed explanation of the changes, including the rationale behind them and how they impact the model's performance.
4. The manuscript mentions the use of the F1 confidence curve to analyze the model's performance. Please provide a detailed explanation of how the F1 confidence curve is constructed and interpreted. Additionally, clarify how this curve helps in concluding that the proposed model performs well compared to existing models. Including insights on the significance of different regions of the curve and how threshold selection impacts the F1 score would enhance the understanding of the performance analysis.
5. Running deep learning models typically requires substantial time for training and inference. The manuscript does not provide details about the computational efficiency of the proposed model. Please include information on the training time, the hardware specifications used (e.g., GPU model, RAM), and the time taken for prediction. Additionally, compare the time complexity and inference speed of the proposed model with existing models to give a clearer perspective on its efficiency and practical applicability.
6. Uploading and making available resources such as the dataset, code, and programs used in the research is crucial for enabling other researchers to build upon and validate the findings. Sharing these resources can significantly contribute to the advancement of the field and help researchers replicate and evolve the work in the coming years. Please consider providing access to these resources, either through a repository or supplementary materials, to enhance the transparency and reproducibility of the research