Review of: "Application of Ensemble Learning in CXR Classification for Improving COVID-19 Diagnosis"

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The paper proposes an "Application of Ensemble Learning in CXR Classification for Enhancing COVID-19 Diagnosis". The key idea is to assess the classification performance of ensemble learning in predicting COVID-19 disease. However, the reviewer has a few comments and concerns.

1. The paper is missing novelty and comparison with state-of-the-art techniques, as a lot of related works have been published earlier.
2. Why have the authors experimented with tree-based models and ensemble methods? Why not convolutional neural networks and pre-trained models like ResNet, InceptionNet, VGG-19, etc.,?
3. In the proposed methodology, there are missing data preprocessing techniques like augmentation and related image processing techniques like image segmentation and region of interest extraction to process CXR images.
4. The authors have used an ensemble technique, but the type is not explicitly mentioned. How did they compute the weights for each model?
5. The experiments can be conducted more rigorously to validate the results with different data splits like (80-20, 70-30).