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

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Potential competing interests: No potential competing interests to declare.

This manuscript pertains to CXR classification for COVID-19 patients. None of the authors has a clinical background. Hence, it is not clear to me how the results were validated. Clinical experts must physically validate all the results generated by AI/machine learning algorithms. Therefore, the clinical significance of the results of this study may not be suitable for clinical use. The authors used conventional machine learning algorithms. The authors should use deep learning or advanced AI algorithms to check if those algorithms are working better than the current approaches. Statistical analysis is very weak. The authors should report ROC, AUROC, confidence intervals, etc. Qualitative results are not present. The authors should include detection heatmaps. Comparative analysis with existing approaches is essential to include. The authors should include more datasets for independent testing.