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.

The method described in the manuscript, involving the use of ensemble learning combined with Histogram of Oriented Gradients and various classifiers (SVM, DT, NB, KNN, and TB), lacks distinction from prior studies that also implement ensemble learning methods in CXR classification for COVID-19 detection.

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Afifi, A., Hafsa, N. E., Ali, M. A., Alhumam, A., & Alsalman, S. (2021). An ensemble of global and local-attention based convolutional neural networks for COVID-19 diagnosis on chest X-ray images. Symmetry, 13(1), 113.

Mahanty, C., Kumar, R., Asteris, P. G., & Gandomi, A. H. (2021). COVID-19 patient detection based on fusion of transfer learning and fuzzy ensemble models using CXR images. Applied Sciences, 11(23), 11423.

Gouda, W., Almurafeh, M., Humayun, M., & Jhanjhi, N. Z. (2022, February). Detection of COVID-19 based on chest X-rays using deep learning. In Healthcare (Vol. 10, No. 2, p. 343). MDPI.

The authors should incorporate a more robust comparative analysis with these recent methods to establish its efficacy and novelty within the field.