# Review of: "Comparing Visual and Software-Based Quantitative Assessment Scores of Lung Parenchymal Involvement Quantification in COVID-19 Patients"

Abadhan Ranganath[1]

1 Koneru Lakshmaiah Education Foundation

**Potential competing interests:** No potential competing interests to declare.

This manuscript presents work on COVID diagnosis with visual and software-based approaches. The following corrections are needed before publication:

1. P3: If it is a research article, then the proposed method or approach should be added with a proper explanation.
2. Draw the relation of the boxplot with the patient characteristic data.
3. P6, Figure 1: Provide a caption and sub-captions separately.
4. P9, Figure 4: The image is unclear, and the resolution needs improvement. It is hard to understand the figure caption; numbers can be provided for each subgroup graph. Not all axis information and their units are mentioned. Do this for all the graphs if they are left unedited.
5. Future scope should be added after the conclusion.
6. The results can be explained with more comparison with a large dataset, the tables can be provided with findings, and machine learning techniques can be applied to check the usability of the discussed approach for this article.
7. The graphical representation of the results should be clear and well-described.

The following articles related to COVID-19 diagnosis can be read to enhance the paper quality:

A novel approach for the detection of coronavirus disease from computed tomography scan images using the pivot distribution count method

Detection of COVID from Chest X-Ray Images using Pivot Distribution Count Method