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

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Potential competing interests: No potential competing interests to declare.

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This work focuses on approaches to analyzing radio images of the lungs performed on patients affected by Covid-19. In this practice, the authors focus on determining a correlation coefficient between the results from a visual evaluation and the estimates from algorithmic applications.

Although this work focuses on the objective characterization of the metabolic features affected by the effects of Covid-19 on patients, nevertheless, the content suffers from both fragility in form and content.

In terms of form, authors are invited to maintain consistency in the announcement on the choice of samples, for example:

Page 8/13 § Patient Characteristics:

“79 patients…. 69+/-12 is inconsistent with the min of 37 and a max of 95?!, … was respectively 59 & 95 years?!

And basically, the content of this work reflects a simple result from a statistical analysis between a sensory (visual) approach and image analysis software with adjustable parameters.