

Dear editor,

Thank you very much for the comments and chance of revision. It is a great honor for us to have the opportunity to share our idea in this journal. We have tried our best to make the point-to-point reply and revision based on the reviewers' valuable comments. And if there is any problem, please do not hesitate to contact us.

## **REVIEWER 1**

Comments to the Author

a) Structurally article as introduction, Methods, results, table, and Discussion should be amended and revised.

Thank you for the suggestion. These parts have been revised.

b) A detailed search of original articles should be expressed.

Thank you for the suggestion. The searching detail has been mentioned in the methods section.

c) Country, Year, Main focus and Result/conclusions of study should be considered in Table 1.

As each item has been cited in the manuscript, the detail information can be seen in the section of reference after one click. And main focus is the "aim and disease", the results are Sensitivity, Specificity, and Accuracy.

d) It seems that Table 1 should be divided by diagnosis, classification and so on.

Thank you so much for your suggestion. We used disease type as group index. Articles are limited and their titles and aims are not same. So We quoted the original words in the corresponding article.

e) Please discuss software tool at present and future for clinical practice? please see Azimi P, Yazdanian T, Benzel EC, Aghaei HN, Azhari S, Sadeghi S, Montazeri A. A Review on the Use of Artificial Intelligence in Spinal Diseases. Asian Spine J. 2020 Aug;14(4):543-571 f) Explain and discuss what the research adds to what is already known? Parisa Azimi, MD.

So kind of you. We put "More research especially randomized controlled trials on how to train and validate up-to-date algorithms will be continued on the present work to find more precise method and identify new clinical similar tasks after practices" in the manuscript which is core of the AI development in the medicine in the future.

We deeply appreciate your consideration of our manuscript. If you have any queries, please don't hesitate to contact me at the address below. We will try our best to solve the problem.

Thank you and best regards.

Yours sincerely,

Bing Hu