

We very much appreciate the assistance and helpful comments of the reviewers and the editors in making this a stronger manuscript.

The following changes have been made in response to the comments of Reviewer #1:

1. Abstract. Is MRE common? Didn't it need to write "magnetic resonance enterography" before using "MRE"?

Sorry for not stating "MRE" in a clear and well-defined way in abstract. We have now rephrased this word, and "MRE" has been substituted with "magnetic resonance enterography" at the first time we used it in the revised abstract and manuscript.

2. Results. Authors wrote that the highest AUC was observed when DCE-MRI and DWI parameters were combined ($K^{\text{trans}}+K_{\text{ep}}+V_e+\text{ADC}$), with an observed AUC of 0.95. But we could not understand how those parameters were combined. Just add values? Probably no?

Sorry for not communicating the calculation method for the AUC of $K^{\text{trans}}+K_{\text{ep}}+V_e+\text{ADC}$. We have now added the following sentences into the "Statistical analysis" subsection in our revised manuscript to illustrate how those parameters were combined: "Binary logistic regression was used to calculate predicted probability of the K^{trans} , K_{ep} , V_e , and ADC. For multifactor, $K^{\text{trans}}+K_{\text{ep}}+V_e$ and $K^{\text{trans}}+K_{\text{ep}}+V_e+\text{ADC}$, the beta coefficients were calculated through logistic regression analysis. The scores of both were calculated according to:

$$K^{\text{trans}}+K_{\text{ep}}+V_e \text{ score} = -16.123-191.557 \times K^{\text{trans}}+55.077 \times K_{\text{ep}}+66.178 \times V_e \quad (4)$$

$$K^{\text{trans}}+K_{\text{ep}}+V_e+\text{ADC} \text{ score} = -27.228-106.268 \times K^{\text{trans}}+34.849 \times K_{\text{ep}}+37.763 \times V_e+27.749 \times \text{ADC} \quad (5)$$

Finally, receiver operating characteristic (ROC) curves of the K^{trans} , K_{ep} , V_e , ADC, MaRIA, $K^{\text{trans}}+K_{\text{ep}}+V_e$ score, and $K^{\text{trans}}+K_{\text{ep}}+V_e+\text{ADC}$ score, including the area under the curve (AUC), were analyzed to evaluate the ability to differentiate inactive CD (CD remission) from active CD (mild to severe CD)".

3. Discussion section. Authors wrote that the reduced water diffusion was likely related to infiltration of inflammatory cells, dilated lymphatic channels and granuloma development during CD process. I also think that the reduced water diffusion in active CD might be associated with fibrosis due to CD.

The reviewer's constructive suggestion is well appreciated. We agreed reviewer's suggestion that the reduced water diffusion in active CD was associated with fibrosis as well. Therefore, we have now modified the following sentences in the third paragraph of "Discussion" subsection to address the issues: "The reduced water diffusion is likely related to infiltration of inflammatory cells, dilated lymphatic channels and granuloma development during CD process^[15] and is also associated with fibrosis in the bowel wall^[36]. Although, the histologic degrees of bowel fibrosis and inflammation cannot be accurately detected by DWI in the course, it is certain that water diffusion restriction develops progressively with the increased activity of CD^[36]."

4. Just question. Did authors compared DCE-MRI and DWI parameter with pathological activity status of CD?

Thank the reviewer for the careful reading. This was a retrospective study and the diagnosis of the activity status of CD through pathological analysis were not carried out in our hospital, so the DCE-MRI and DWI parameter with pathological activity status of CD was not compared in our study. We are going to carry out this study in the next phase.

The following changes have been made in response to the comments of Science Editor:

1. I found the title was more than 20 words. The title should be no more than 20 words.

Thanks for calling us this important issue. We have changed the title to "Dynamic Contrast-enhanced MR Imaging and Diffusion-weighted Imaging in the Activity Staging of Terminal Ileum Crohn's Disease"

2. I found no "Author contribution" section. Please provide the author contributions.

Thank the editor for notifying this issue. We have uploaded the author contribution in the revised documents.

3. I found the authors did not provide the approved grant application form(s). Please upload the approved grant application form(s) or funding agency copy of any approval document(s).

Thank the editor for notifying this issue. We have uploaded the approved funding agency copy in the revised documents.

4. I found the authors did not provide the original figures. Please provide the original figure documents. Please prepare and arrange the figures using PowerPoint to ensure that all graphs or arrows or text portions can be reprocessed by the editor.

Thank the editor for notifying this issue. We have uploaded the original figure documents using PowerPoint in the revised documents.

5. I found the authors did not add the PMID and DOI in the reference list. Please provide the PubMed numbers and DOI citation numbers to the reference list and list all authors of the references. Please revise throughout.

Thank the editor for bringing up this important issue. We have provided the PubMed numbers and DOI citation numbers and listed all authors in the revised reference.

6. I found the authors did not write the “article highlight” section. Please write the “article highlights” section at the end of the main text.

Thank the editor for calling our attention to this issue. We have provided the article highlight in the revised manuscript.

7. I found no “Abstract” section. Please write the “Abstract” section.

Thank the editor for calling us this important issue. We have provided the “Abstract” in the revised manuscript.

The following changes have been made in response to the comments of Company Editor-in-Chief:

1. The title of the manuscript is too long and must be shortened to meet the requirement of the journal (Title: The title should be no more than 18 words).

Thank the Company Editor-in-Chief for the careful reading. We have revised the title as “Dynamic Contrast-enhanced MR Imaging and Diffusion-weighted Imaging in the Activity Staging of Terminal Ileum Crohn's Disease”