**Dear Editor,**

**Name of journal: World Journal of Gastroenterology**

**Manuscript NO: 57059**

**Title: Artificial Intelligence in Gastric Cancer: Application and Future Perspectives**

Thank you very much for sending us the reviewers' and editors' comments. Response to the issue that the reviewers raised is provided below.

**Reviewer 1**

Q1. #Reading the MS, I understand that the role of AI will surely increase in all clinical aspects of gastric cancer. This is, without doubt, a good perspective. But I just wonder what the authors would think about the traditional methodology/power (human, in other words, so-called `non-digital`) in the era of AI technology. Just their opinions are ok. Please describe them in the section of 'Challenges and future perspective'.

√ Done as suggested, we have given a more extensive discussion about the traditional methodology and human power in the era of AI technology. We hold the opinions that AI techniques will not fully replace physicians in future clinical practice, and combining human beings with AI can achieve the ideal state of higher efficiency. Please see page 15-16.

Q2. #Tables: There are three tables 1 to 3. But the second one is also termed '1', and the third one is termed '2'. Please correct this, and, accordingly, the text.

√ Done as suggested, we have revised the tables.

There are four tables 1 to 4, and they are presented in the order that they appear in the main text of the manuscript.

Q3. #There are a few grammatical mistakes in the MS. The following lists up

those I found when reviewing it. Please proofread the MS again carefully.     - Introduction, 1st paragraph, line 10-11, 'has caught considerable attention to gastric cancer': This portion of this sentence is a little difficult to understand. Is it better if it is 'has caught considerable attention in the field of gastric cancer'? -AI-assisted diagnosis in CT imaging, last line: '0.9541respectively' >>> '0.9541, respectively' -AI in prognosis prediction of gastric cancer, line 3: 'the management over patents' >>> 'the management over patients'? -AI in prognosis prediction of gastric cancer, 2nd paragraph, line 9: 'predict the recurrent' >>> 'predict the recurrence' - AI in prognosis prediction of gastric cancer, 3rd paragraph, last 2nd line: 'suffered from' >>> 'suffering from' - etc.

√ Done as suggested, we have revised the manuscript.


**Reviewer 2**

Q1. I, the reviewer, am a surgeon, and I have seen a presentation using AI for navigation of anatomical structure identification in laparoscopic surgery. If there are similar reports in the field of gastric cancer, please add them to the article.

√ Thanks for your kind advice, we have searched the research of AI-assisted surgery. Recently, the vast majority of AI applications in surgery were aimed at computer-assisted human improvements, such as the intraoperative navigation of anatomical structure and automatic display of malignant areas. However, the researches in AI-assisted surgery were mostly in urological cancer, breast cancer, and colon cancer, which help a lot for surgeon. Up to date, we didn't find these similar research in the field of gastric cancer.


**Reviewer 3**

Q1. The authors have given the current status and future perspectives of AI-assisted diagnosis and prognosis of Gastric Cancer in detail. This review gives a comprehensive review of the subject.

√ Thanks for your kind advice.

**Editorial Office's comments**

Q1. 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);

√ Done as suggested, we have uploaded the Institutional Review Board Approval Document.

Q2. the author should number the references in Arabic numerals according to the citation order in the text. The reference numbers will be superscripted in square brackets at the end of the sentence with the citation content or after the cited author's name, with no spaces;

√ Done as suggested, we have revised the manuscript.

Q3. please don't include any *, #, †, §, ‡, ¥, @….in your manuscript; Please use superscript numbers for illustration; and for statistical significance, please use superscript letters. Statistical significance is expressed as aP <0.05, bP <0.01 (P > 0.05 usually does not need to be denoted). If there are other series of P values, cP <0.05 and dP <0.01 are used, and a third series of P values is expressed as eP <0.05 and fP <0.01.

√ Done as suggested, we have revised the manuscript.