Dear Reviewers,

Thank you very much for your time involved in reviewing the manuscript and your very encouraging comments on the merits.

#Reviewer1:

Comment 1： The results of this article are of great value in guiding clinical treatment. It is recommended that the author add content related to clinical usage methods to facilitate practical application by clinicians.

Response 1: Thanks for your great suggestion on improving the accessibility of our manuscript. Complication warning function has been integrated into the hospital internet warning system in the main center of this study, and future applications will be further reported in prospective studies. We elaborated on this in the discussion (highlight section).

Comment 2. Text descriptions should be revised carefully. For example: the last line of Abstract, Conclusions: "and and".

Response 2: We are very sorry for some writing issues with spelling and grammar in this manuscript. We have revised the entire text and submitted it to a professional English editing company for revision, and provided the language certificate in the attachment.

#Reviewer2:

Comment: The authors used three methods of mathematical prediction of the results of minimally invasive laparoscopic surgical methods for the treatment of gastric cancer: Lasso regression model construction, Random forest model construction and Artificial neural networks model construction. These predictive methods have confirmed the effectiveness of laparoscopic surgery for the treatment of gastric cancer. It is laparoscopic distal gastrectomy (LDG) and laparoscopic total gastrectomy (LTG). This study is of great practical importance for the treatment of elderly and old age patients with gastric cancer. It is these patients who need effective minimally invasive surgery. The manuscript is recommended for publication in the World Journal of Gastroenterology.

Response: We feel great thanks for your professional review work on our article. We tried our best to improve the manuscript. We have submitted this manuscript to a professional English editing company for revision, and provided the language certificate in the attachment.

We would like to take this opportunity to thank you for all your time involved and this great opportunity for us to improve the manuscript. We hope you will find this revised version satisfactory.

Sincerely,

The Authors