Manuscript NO: **71466**
Response to Reviewers
Dear editors,

Thank you for giving us the opportunity to submit a revised draft of the manuscript '**Diagnostic value of artificial intelligence automatic detection systems for breast BI-RADS 4 nodules**' for publication in the Journal of Poetry and Psychology. We appreciate the time and effort that you and the reviewers dedicated to providing feedback on our manuscript and are grateful for the insightful comments on and valuable improvements to our paper.

   We have incorporated all the suggestions made by the reviewers and made serious and detailed modifications in the text.

Reviewer 1

Specific Comments to Authors: This is an interesting study about the diagnostic value of artificial intelligence automatic detection systems for breast cancer. This study is well display. A minor editing is required to the manuscript. Please short the abstract, and update the images.

Author response: Thank you!

1. Question 1
Response: Thank you for pointing this out. We have shorted the abstract,the modification scheme is shown in the abstract.

2. Question2
Response: Thank you for pointing this out.We have updated the images.

Reviewer 2

Specific Comments to Authors: The incidence rate of breast cancer has exceeded that of lung cancer and that it has become type of cancer with the greatest number of malignant tumors worldwide. The malignancy risk of breast imaging reporting and data system class 4 nodules covers a wide range, clinical decision-making is challenging, and further puncture biopsy or surgical treatment is often required. The study explored whether an artificial intelligence automatic detection system is helpful for distinguishing benign and malignant breast imaging reporting and data system class 4 breast nodules to reduce the likelihood of biopsy. The study is well designed. The methods are described in detail, and the results are very interesting. After a minor revision, this study can be accepted for publication. (1) The manuscript should be edited, both for the language and format. (2) A short background should be added to the abstract. (3) The method, and results section in the abstract are too long, please short them. (4) The conclusion is missing in the

main text, please check and add it. (5) Please replace the Chinese words in the figures.

Author response: Thank you for your affirmation and constructive comments on this article.

1. Question 1

Response: Thank you for your comments. After revision, this article has been polished by a professional translation company and reissued the language certificate.

2. Question 2

Response: Thank you for your guidance. We have added background in the abstract.

3. Question 3

Response: Thank you for pointing this out. We have shorted the abstract,the modification scheme is shown in the abstract.

4. Question 4

Response: Thanks for your guidance. We have added a conclusion in the main body of the article.

5. Question 5

Response: Thank you for pointing this out.We have updated the images.

Thank you again for your guidance. I hope our article can be published after modification. I wish you a happy life.

Yours sincerely:Shu-Yi Lyu
2021.10.22