

ANSWERING REVIEWERS



January 11, 2019

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 44843-edited.doc).

Title: Artificial Intelligence in Breast Ultrasound

Author: Ge-Ge Wu, Li-Qiang Zhou, Xu Jian-Wei, Jia-Yu Wang, Qi Wei, You-Bin Deng, Xin-Wu Cui and Christoph F. Dietrich

Name of Journal: *World Journal of Radiology*

ESPS Manuscript NO: 44843

We are very grateful about the reviewers' valuable comments. We believe that these comments have made our manuscript more comprehensible. We have made all the changes as required. We have made the required changes in the main text. References and typesetting were corrected. We also improved the language, updated the format and tracked the changes in the text.

Reviewer 02669684

- (1) Very interesting topic. Work is well written and informative.

Thank you very much for your favorable comments.

Reviewer 02577402

In this study, the authors reviewed artificial intelligence in breast ultrasound. Some problems existed.

- (1) The language needs to be improved because of some grammar mistakes here and there.

As your suggestion, we have reviewed the manuscript and polished the language.

- (2) Citations of references: When citing others' work, the family name of the first author should be cited. If there are more than one author, the family name of the first author should be followed by et al. Do not cite the given name of the first author. However, the authors cited the family name and the initial of the given name of the first author. Moreover, the authors of this review did not use et al following the family name of the first author for citing. For example, in the third paragraph in the Feature extraction section, the authors used "Qi Zhang [13] proposed -----". The correct form should be "Zhang et al [13] proposed a computer-assisted-----". Another example: Yuan Feng [14] should be "Feng et al [14] proposed a method of----". Please correct all mistakes in citing references.

Thank you very much for your detailed comments, we corrected all the mistakes in the manuscript.

- (3) Abbreviations: What does TNM in the second paragraph in the “Conclusion and future perspective” section mean? Please give the full phrase for TNM.

We explained the abbreviation of TNM classification in our revised manuscript. TNM is the abbreviation of Tumor Node Metastasis (TNM) classification. In the meanwhile, we add a reference to interpret this classification.

Otherwise, we revised the whole paragraph under the part “Deep learning algorithms” owing to its immature expression.

Thank you very much again.

Sincerely yours,

A handwritten signature in black ink, reading "Xinwu Cui", written over a horizontal line.

Prof. Xin-Wu Cui