Author’s response to reviews

Title: An Enhanced Adaptive Non-Local Means Algorithm for Rician Noise Reduction in Magnetic Resonance Brain Images

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Author’s response to reviews:

Dear Editors and Reviewers:

Thank you very much for giving us an opportunity to revise our manuscript entitled “An Enhanced Adaptive Non-Local Means Algorithm for Rician Noise Reduction in Magnetic Resonance Brain Images” (BMIM-D-19-00279R2). Those comments are all valuable and very helpful for revising and improving our paper, as well as the important guiding significance to our researches. Thank you very much for all your help. We have revised the manuscript according to the reviewers’ and technical comments. We confirmed that we have permission to include professor Shaozheng Qin in the Acknowledgements.
We appreciate for Editors/Reviewers’ warm work earnestly, and hope that the correction will meet with approval.
Once again, thank you very much for your comments and suggestions.

Yours sincerely,
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Responds to the technical comments:
1. Improvements to the English language within your manuscript have been requested, and so you should have your manuscript reviewed by someone who is fluent in English. If you would like professional help in revising this manuscript, you can use any reputable English language editing service.
Responds: Our manuscript have been reviewed by someone who is fluent in English, and We have used an English language correction tool and editing services to enhance the grammar.

2. Please address the remaining point of Reviewer 1.
Responds: We have addressed the remaining point of Reviewer 1.
3. Please ensure that the Abstract in the submission system matches that included in the manuscript.
Responds: We revised the Abstract in the submission system which matched the Abstract in the manuscript.

4. Please confirm in the covering letter that you have permission to include the names of those mentioned in the Acknowledgements.
Responds: We have confirmed in the covering letter.

5. Please include a statement in the Authors' contributions section to the effect that all authors have read and approved the final manuscript, and ensure that this is the case.
Responds: All authors read and approved the final manuscript, and the statement was included in the Authors' contributions section.

6. In Funding, please state whether or not the funding body played any roles in the design of the study and collection, analysis, and interpretation of data and in writing the manuscript.
Responds: We stated the roles that the funding body played in Funding.

7. Could you please clarify in the Ethics approval and consent to participate if any ethics approval was sought for Dataset 2 or who granted permission to access this dataset?
Responds: We clarified in the Ethics approval and consent to participate, and the Datasets 2 were approved by local ethics that were in accordance with the standards of the Declaration of Helsinki.

8. Please include the Informed consent section in the Ethics approval and consent to participate section. Also please clarify in the manuscript if consent was written or verbal.
Responds: The Informed consent section was added into the revised manuscript.

9. Upon resubmission, please remove any tracked changes or highlighting and include only a single clean copy of the manuscript. Please ensure the document is in the final form for publication; please upload only files that are to be published and remove any files that should not form part of the final manuscript (e.g. covering letters, responses to reviewers, etc). If you wish to respond to these revision requests, please insert the information in to the designated input box only.
Responds: We have revised the manuscript according to the technical comments.

Responds to the reviewer’s comments:
Reviewer 1: Junaid Ahmed
1. The corrections have been made as per the suggestions. However, in the abstract section, under the subheading of Methods, the following sentence is still grammatically incorrect-'Meanwhile, it solved the problem that the traditional NLM algorithm had to use a fixed search window size.'
Responds: We have paraphrased the sentence as following: Meanwhile, it solved the problem that the traditional NLM algorithm had to use a fixed size of search window.'