

Dear Editor,

Thank you very much for accepting this manuscript for review. We have taken into account the majority of the reviewer's comments. A detailed response to the reviewer's comments can be found in the interactive section of the review process. However, some of the main changes are indicated here:

- The structure of the manuscript has been updated to have a separate section for data generation.
- The explanation about the testing-training datasets has been clarified.
- Figure 7 is corrected.
- We have expanded the introduction and previous work section as recommended by one of the reviewers.
- The motivation has been clarified, and the limitations of the work are extended.

We would like to thank the reviewers for their constructive comments that helped us improve the quality of the manuscript.

Kind regards,
Rad Haghi