

Response to Referee #3

We would like to thank the reviewer 3 for helpful comments.

In the following document, the reviewer's comments are shown in **black** and our responses are in **blue**.

I would like to thank the authors for their careful consideration of my comments and the thorough efforts made to improve the manuscript. The revisions, including the incorporation of the more realistic geographical configuration and the detailed responses, have significantly strengthened the quality of the article.

While I maintain my perspective on the absence of online tests, I acknowledge that the authors have provided a clear justification for focusing on the offline evaluation in this study, and the preliminary results on the realistic setup demonstrate valuable potential. The improvements made address the points I raised, and I am satisfied with the changes and efforts to enhance the manuscript.

Technical/Typos:

Line 266: Please correct "on the validation loss" to "on the validation set"

This has been corrected.

Line 483: $K^+_{-l}=K^-_{-l}=1$ -> Please add an inverse time unit to the K coefficients so that the formula is correct as is written in eq. (16)

This has been corrected as follows: $K^+_{-l} = K^-_{-l} = 1 \text{ s}^{-1}$.