

POINT-BY-POINT REPLY TO THE MINOR CORRECTION COMMENTS

Dear Topical Editor

We have corrected the manuscript following Reviewer 3's comments in the final version. Again, we highly appreciate you and the three reviewers for reviewing our paper. We enjoyed the whole process and the reviewers' feedback have significantly improved the quality of our work.

On behalf of the authors,

Zhen Yin, PhD

Reponses to the minor correction comments by Reviewer #3

- In l.81 and following, it is mentioned that there are 3 ways to build non-stationary MPS models. The first two are enumerated, but it is unclear when the description of the third (proposed in this manuscript) begins. It should be mentioned explicitly: "The third option is...".

Responses: We add "the third option..." in line 91.

- In l.220-224: I disagree with the statement "The use of distances between pattern is simple and does not require defining statistical measures over which distances are calculated". Eq. 1 is as complex as other possible statistical metrics, as it computes a distance (denoted dis) between Euclidean distances (denoted d). Not necessarily simpler in my opinion.

Responses: This controversial statement has been removed.

- In l.225: "and is any pattern in B": a notation is missing here.

Responses: Notation has been added.