

§ Final response to the reviewer comments on egusphere-2025-221 – Second Review

We thank the reviewer for their insightful and constructive comments. The reviewers'

Reviewer 1

The authors have done a very nice job addressing my previous concerns.

My only remaining comment is that I believe there is a typo in equations (6) and (7), as well as in the legend of Figure 6. $Y_{(i,Orig)}$ is listed as a term, whereas I believe there is a missing "Delta", such that the term should be $\Delta Y_{(i,Orig)}$. Please correct. Otherwise, I don't think the equations make sense.

We are happy that the reviewer is satisfied with the revision. We thank them for spotting the mistake with the missing Delta's. We have adjusted equation 6 and 7 accordingly as well as Figure 6 and A4.