

Reply to the editor's comments

Dear Dr. Marti,

Thank you for your for the opportunity to provide these clarifications regarding our revised manuscript. We appreciate your careful review.

Regarding your points:

1. **Convergence of biharmonic filters:** We have now removed this term and explicitly provide the details about conjugate gradient iterations and convergence criteria. (lines 216-217)
2. **Kinetic energy spectra:** We have incorporated the calculated percent differences in kinetic energy at the largest scale into Section 4 (lines 205 and 207)
3. **Typos:** Thank you for pointing these out. The typographical errors have been corrected

We trust these modifications and clarifications address your concerns. We have attached the newly revised manuscript incorporating these changes.

Best regards,

Kacper Nowak

On behalf of all authors.