

Below we have addressed the final technical corrections of the reviewers (in green).

Reply to RC1

- The MSE of 0.11 on line 322, is this in 10^{-3} ? Otherwise it would be very large.
That is correct and this mistake has now been corrected in the text. We thank the reviewer for pointing it out.

Reply to RC2

- L314: Awkward wording/sentence structure for the sentence beginning "Obstacle spacing"
Wording simplified to: "With obstacle spacing, the smoothing gets in the way of extracting any meaningful relationship."
- Figure 4: I don't know if both panels are necessary.
Both panels were kept in the end, since we think having both together offers the most information on the small changes visible in the normalized version and the difference in size in the non-normalized version.
- L464: Section title for 3.6 doesn't convey the contents of that section very well to me.
Section title changes to "Discussion and concluding remarks".
- L504: missing/broken reference link
The link has been fixed. We thank the reviewer for pointing this out.
- L649: Check figure reference "Fig. A3C and Fig. A3D". Should this be B and C instead of C and D?
The text has been corrected. We thank the reviewer for pointing this out.
- Figure A4: missing/broken reference link in figure caption
The link has been fixed. We thank the reviewer for pointing this out.

We thank both reviewers for their time and overall improvement of the manuscript.