

## Editors comments

1. L231: Thank you for pointing this out, as suggested we have defined PCA here.
2. L274,377: This has been fixed, here and for the other occurrences in the text.
3. L302: Thank you, we have changed this as suggested.
4. L381: Thanks for noticing this, this has been fixed.
5. Figure 5: This has been fixed as per point 2.
6. L404: Thanks for spotting this, it has been fixed.
7. L456: Thanks for the suggestion, we have added it as suggested.
8. L459: This has been fixed as per point 6.
9. L484-485: Thank you for spotting this, this has been fixed here and at the other occurrences through the text.
10. L796: There does not appear to be an update available to this paper.
11. L894: Thank you for pointing this out, we have updated this to the final citation.