We thank the reviewers for carefully reading our manuscript, for their positive evaluation and for their constructive comments. All of them have been considered in the revised version of the manuscript as explicitly described in the point-by-point reply to each reviewer's comments.

We have revised the manuscript to avoid redundancies, reordered the figures, better integrated the supplementary figures in the discussion, restructured and heavily edited section 4. All these changes have improved readability of the manuscript, while our scientific findings did not change.