

## Authors' response

### Remarks from the preceding review file validation

You added a supplement but the sections and figures are not named correctly. During the next revision please rename the sections and figures as explained at:

<https://www.atmospheric-chemistry-and-physics.net/submission.html#assets> > supplements.

The references to the supplementary material in your manuscript also need to be updated.

After double checking with the guidelines on supplementary material, we decided to provide the additional plots and paragraphs as an Appendix A (Linear regression plots for all TOA flux changes and CRE changes) and an Appendix B (geographical distribution on different time scales of TOA flux anomalies and CRE anomalies, as well as its short- and longwave components). These additional figures and sections are now named using the Copernicus Latex template.

Dear Authors,

I find that you have satisfactorily addressed the referees' comments. It is therefore my pleasure to accept the paper for publication; congratulations!

I have selected 'technical corrections' in order to give you the possibility to proofread the whole manuscript before it is transferred to copy-editing.

Sincerely

Aurelien Podglajen

We very much thank the editor for his time and the work on our manuscript! We used the opportunity to correct minor typos. Moreover, we cleared up the sign convention in section 3.1 and Table 2, as the previous version might have led to confusion in this regard. Furthermore, we updated Fig. 5, so each model would be shown in their characteristic linestyle, as was done in the other figures of this kind, and also the single model results for the total CRE anomaly were added for the sake of consistency and completeness.