

Dear Astrid Kerkweg,

Thanks a lot for accepting the paper subject to technical corrections. The uploaded manuscript addresses all but one of your remaining comments, listed below.

Page 7, l. 29: add closing bracket after "represented"

Done

Page 10, l. 15: delete brackets

This line does not contain brackets.

p. 15, l. 30/31: "These data sets are intended to be applied" ; Does this mean, that in fact they are not?

We have rephrased this to "These data sets are recommended to be applied..." Most models do not apply solar particle forcing, as is discussed elsewhere.

p. 16, l. 24: "...to inform other papers": hopefully you want to inform scientists (or users of the data) and not papers ?

We have rephrased this to "inform authors of other papers".

Code availability: Maybe cite Table 1 here for the contact addresses?

Done.

References: it is not clear which of the Eyring et al., 2013 papers is 2013a and which is 2013b

We have added such identifiers to the year of publication (2013a and 2013b).

Please introduce the abbreviations for figure (Fig.), section (Sect.) etc, according to the author guidelines for manuscript preparation (http://www.geoscientific-model-development.net/for_authors/manuscript_preparation.html)

We now spell out all uses of "figure", "table", or "section".

Best regards,

Olaf Morgenstern.