

## ***Interactive comment on “Similarities within a multi-model ensemble: functional data analysis framework” by Eva Holtanová et al.***

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Received and published: 23 October 2018

Please find enclosed the revision of our manuscript. We have revised it based on the comments of both anonymous referees, please find detailed description of the changes made to the manuscript in the replies to their comments. The revisions made are visible in the revised document, only the changes made to Fig. 4 and 5 are not highlighted. The Supplement now includes three parts, one is the original Supplement with the code for all the calculations, the second part are two figures illustrating the dependence of the  $d_0$  and  $d_1$  distances on the smoothing parameter and the third part includes figures related to the analysis of uncertainty connected to internal climate variability, as explained in the text of the paper.

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Please also note the supplement to this comment:

<https://www.geosci-model-dev-discuss.net/gmd-2018-157/gmd-2018-157-AC3-supplement.zip>

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Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2018-157>, 2018.

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