

Interactive comment on “On the importance of observational data properties when assessing regional climate model performance of extreme precipitation” by M. A. Sunyer et al.

Anonymous Referee #1

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The authors present a study in which they compare precipitation indices derived from four different observational datasets, two of which are point and two are gridded datasets, with those derived from the output of 15 regional climate models. The period of comparison is from 1989 to 2010. The study area is Denmark.

Overall the manuscript contains a lot of valuable information, is well written, and well organized. I only request three mainly technical corrections:

- 1) In the abstract, the abbreviation RCM needs to be explained.
- 2) In chapter 2.1, I recommend adding to the description of the SVK dataset that one-

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minute resolution (page 7010, row 14 and 15) refers to its temporal resolution.

3) In Fig. 3, the x-axes should show abbreviations of all four observational datasets.

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