

## ***Interactive comment on “Technical note: Changes of cross- and auto-dependence structures in climate projections of daily precipitation and their sensitivity to outliers” by Jan Hnilica et al.***

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The revised version of this Technical note is compact and to the point, making an innovative contribution to climate projections of daily precipitation. Most of my comments marked on the attached version of the manuscript are straightforward grammatical ones, which I will not repeat here, but irritatingly, some of my earlier suggestions were ignored.

More importantly, the core of my discussion is around Figure 4 and its description in Section 4.2, where the following sentence is to be found: "In the simulation of the model 2A,  $\delta^{15}\text{N}(5,11)$  decreased from 0.90 in the control period to 0.73 in the future period."

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My comment inserted there I will repeat here, as I think it is important.

"Do you mean the medians of  $r(5,11)$  in the 2 periods when you give the values as precisely 0.90 and 0.73? Please mark the item with an arrow, as I have done - it was very difficult to find in the figure. Please explain what you have done in more detail in Figure 4's caption, noting my comment on Figure 2. To my understanding, row 5 of the correlation matrix in Figure 2 (extrapolated) goes from 1 to 4, not 1 to 11. If you are referring to the item which I've marked with an arrow in Figure 4, then in the caption you should note that the divisions inserted in the figure, as I previously requested, are for columns 2 to 12, not rows as in the caption! I wasted a lot of time trying to sort it out. "

The rest of the corrections are straightforward and as soon as the Editor is comfortable with the revision, I recommend publication.

Geoff Pegram

11 October 2018

Please also note the supplement to this comment:

<https://www.hydrol-earth-syst-sci-discuss.net/hess-2018-468/hess-2018-468-RC1-supplement.pdf>

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