

## ***Interactive comment on* “Evaluating seasonal hydrological extremes in mesoscale (pre-)Alpine basins at coarse 0.5° and fine hyperresolution” by Joost Buitink et al.**

**Joost Buitink et al.**

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Dear Staffan Druid,

Thank you very much for your review and suggestions for improvement of our work. As we understood from your review, the main point is that the results do not appear to be surprising, as was also mentioned by the earlier review by Davide Zoccatelli. We can see that those results might not appear to be surprising at a first glance, since scale issues have been studied in hydrology for decades. However what is new in our study is the focus on quantifying how high and low resolution models capture climate extremes, thus bridging the climate perspective (where events are often expressed in

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standardized anomalies) and the hydrological scale perspective including within-basin complexity. As far as we know, we are the first ones to show that is not uncommon to have both extreme positive and negative flux anomalies occurring simultaneously within a catchment. We do recognize that our aim might not be formulated clearly enough in the introduction and abstract, and we will ensure that this specific aim gets more focus in the next version of the manuscript.

Furthermore, thank you for your kind remarks and other suggestions for improvement, these will definitely help to further improve our manuscript.

With best regards,

Joost Buitink, on behalf of all authors

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