

Point-to-point responses to Referee's comments

Impact of horizontal resolution and model time step on European precipitation extremes in the OpenIFS 43r3 atmosphere model

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Dear Editor,

Thank you very much for your time and feedback on our manuscript. We have revised the manuscript as you suggested. Below, we provide a point-by-point response to each comment.

Thank you again for your support.

I.376 and I.437: I think it is better to put a semicolon before the word "however"; i.e. write "... shorter model time step; however, convective precipitation ..." and "... and 800x1600 for HR; however, only 400x800 for HR ..."

Thank you and they are fixed in the manuscript (line 376 and line 437).

- I.435: add "it" before "may" in "Since the analysis of horizontal resolution's impact is based on regridded data, may therefore ..."

Thank you and it is fixed in the manuscript (line 435).