

Interactive comment on “A spatial bootstrap technique for parameter estimation of rainfall annual maxima distribution” by F. Uboldi et al.

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We substantially agree with the points raised by both referees.

We have included the modifications requested by the referees in a new version of the manuscript which we are submitting soon.

Referee 1, Geoff Pegram. We modified Section 4, including at its beginning a schematic description of the spatial bootstrap technique, before discussing implementation details and assumptions in newly introduced subsections.

Referee 2, Andreas Langousis. We modified the Introduction, Section 4.4 and the Conclusions, correcting some imprecisions, referring to multifractality theory in our dis-

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cussion on scaling, and suggesting the possibility of improving the accuracy of the estimate by allowing a direct dependence on duration of the GEV shape parameter. We also pointed out that the spatial bootstrap technique that we propose is quite general and that it can also be used with more refined scaling properties.

Francesco Uboldi

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 10, 11755, 2013.

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