

Interactive comment on “Comparative assessment of predictions in ungauged basins – Part 2: Flood and low flow studies” by J. L. Salinas et al.

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We would like to thank the reviewer for her/his positive, constructive and very helpful comments on the manuscript. We have addressed the comments as follows

P421, L4: Indeed, it should read: “The flood regionalisation methods have been classified into the following groups” - Corrected.

On the stations density: The authors very much agree. The station density was thought originally to be the appropriate indicator for data availability, but in many cases, the regions limits were not properly defined, making it impossible to define the total region area and therefore the densities. The number of stations was then used as index for data availability. The authors completely agree that number and density of stations are

C901

not at all interchangeable, and therefore the statements will be rigorously revised and only a reference to number of stations will be made.

P422, L12-L15: The authors agree, the bigger interannual variability of rainfall intensities in arid regions is another possible explanation for the bigger interannual variability of flood peaks and will be included in the discussion.

P423, L25: Indeed, the term seasonal here is strongly connected to the presence or non-presence of snow. The authors will change the formulation into a more specific one.

P429, L9-L10: Very much so. In this statement, the authors include information about the NE (Normalised Error) distribution, which results mostly positive, and is not shown in the paper. An explanatory sentence will be added to justify the statement.

On the representativeness: A couple of sentences will be included in the discussion on the worldwide distribution of flood/low flow studies and their representativeness in terms of climates and methods, addressing the questions raised by the reviewer.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 10, 411, 2013.

C902