

***Interactive comment on “Delineation of homogenous regions using hydrological variables predicted by projection pursuit regression” by M. Durocher et al.***

**Anonymous Referee #1**

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In the first-round review, my major concerns were related to the "complexity" of the proposed procedure with respect to the problem under analysis and the obtained results. The authors, in their reply, have deeply discussed all the points raised in the review by providing interesting comments and some new numerical results. Although I am not particularly fond of this approach in general, I recognize that these comments can give a considerable improvement to the contents of paper.

A revised manuscript should thus include the comments and develop the points reported in the reply. Moreover, I would like to underline (as already noted in the first comment), that a substantial review of the text organization is still necessary to make the manuscript easier to understand. In particular, the authors should 'help' the reader

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to follow all the (many) steps of the procedure.

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