

Interactive comment on “Technical note: Method of Morris effectively reduces the computational demands of global sensitivity analysis for distributed watershed models” by J. D. Herman et al.

F Pappenberger (Editor)

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I thank the two reviewers for submitting reviews and the authors for detailed responses. The reviewers have classified the manuscript in all categories (Scientific Significance, Scientific Quality, Presentation Quality) as good to excellent and I fully agree with that judgement. Most of the issues raised simply require clarification (e.g. better definition why sensitivity analysis is required). Reviewer 2 notes some inconsistencies with regard to sample size which need to be addressed in the revised manuscript. Reviewer

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2 will be given the possibility to comment on these revisions.

Reviewer 1 points out that this could be a full paper rather than a Technical Note - personally, I have seen many Technical Notes of extremely high quality and thus are quite fond of this type of scientific paper. It would be great if the authors would submit their code as part of the electronic supplement.

HESS definition of Technical note: Technical Notes report new developments, significant advances and novel aspects of experimental and theoretical methods and techniques which are relevant for scientific investigations within the journal scope. Manuscripts of this type should be short (a few pages only). Highly detailed and specific technical information such as computer programme code or user manuals can be included as electronic supplements.

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