

Interactive comment on “Assessing hydrological model behaviors by intercomparison of the simulated stream flow compositions: case study in a steep forest watershed in Taiwan” by J.-C. Huang et al.

Anonymous Referee #2

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The paper is about comparison between fluxes of two models of TOPOMODEL and HBV. In my point of view the research question is valid and interesting. The authors tried to evaluate the model fluxes with what they found by end member mixing analysis (EMMA). This is effort on the right direction in my point of view. Using of tracer data is a powerful hypothesis (model) testing method.

Although the research question is interesting, in my point of view the publication for this paper is not possible. The paper is not noble enough. Almost the entire paper (except 4.3) is a basic calibration practice which is cannot be published. Moreover

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comparison in section 4.3 is very basic and based on previous studies. There are many other objections to this paper, as an example, I think the authors are in a logical loop by presenting figures 6, 7 and 8. These figures are just presenting what the model formulations are doing.

Although interesting, in my point of view, the paper cannot be published in its current form.

Interactive comment on *Hydrol. Earth Syst. Sci. Discuss.*, 10, 855, 2013.

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