

## ***Interactive comment on “In-depth analysis of a discrete $p$ model” by Uwe Saint-Mont***

**Daniel Schertzer (Editor)**

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Dear Uwe,

Both referees provided numerous, constructive comments with detailed explanations, suggestions and clarification requirements. In agreement with their comments, they recommend respectively a rejection and a major revision of your paper. In the latter case, this revision is considered as “quite challenging”, because it would require a thorough revision addressing all the comments, starting with the clarification of which “p-model” you consider, and to considerably simplify most the mathematical derivations.

The revised version should be accompanied by careful point by point answers to referee comments. In this respect, the present replies to the referees are far from satisfactory and do not point to this direction. However, I leave open the possibility of a major

revision, but I do not want to hide that it will require a very careful work, in particular of clarification. Indeed, referees are both bringing into question the relation between the evoked physical topics (multiplicative cascades) and the studied mathematical model.

Best regards, Daniel

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Interactive comment on Nonlin. Processes Geophys. Discuss., <https://doi.org/10.5194/npg-2019-17>, 2019.

Interactive  
comment

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