Hydrology and Earth System Sciences Discussions

Hydrol. Earth Syst. Sci. Discuss., referee comment RC3
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Comment on hess-2021-414

Anonymous Referee #3

Referee comment on "Signature and sensitivity-based comparison of conceptual and process oriented models, GR4H, MARINE and SMASH, on French Mediterranean flash floods" by Abubakar Haruna et al., Hydrol. Earth Syst. Sci. Discuss., https://doi.org/10.5194/hess-2021-414-RC3, 2022

The manuscript is well written and organized apart from the introduction. However, the following comments are provided to improve the manuscript.

Specific comments:

1. The text in Figure 1, 6, 12, 15 should be more readable.

2. Too much figures and tables. Keeping ten figures and ten tables in main manuscript, please take others in supplementary part.

3. Figures and tables should be placed just after the paragraph, it got first stated.

4. I don’t agree with the authors with Appendix B. Sensitivity analysis and uncertainty analysis are not the same things.

5. I suggest to perform an uncertainty analysis to present the results in robust form.

6. Tables in Appendix are not easily readable.

7. From line 46 to 55, can be summarized in to a table.

8. The novelty is not clear from the introduction

9. Last paragraph of the Introduction does not seem to be required

10. The objective is not clear, at all, from introduction.