

## ***Interactive comment on “Impact of rainfall spatial aggregation on the identification of debris flow occurrence thresholds” by Francesco Marra et al.***

**Anonymous Referee #3**

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The manuscript of Marra et al. seems to me as a very good and interesting piece of research on the rainfall trigger conditions for debris flows. The paper is well-written, the structure is appropriate. Some minor comments: P3, L11: maybe clarify how the end of the rainfall event was defined. Is it the time of DF initiation or end of rainfall? Was the definition of the rainfall event for the rain gauge station data always unambiguous? P4, L1: should be Figure 2b. P5, L4: I agree with referee1 that a few more details on the method for generating the synthetic rainfall fields would be useful.

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