

Interactive comment on “Operative and reliable landslide forecasting and influence of geology to predictability” by E. Intrieri and G. Gigli

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Reviewer: I just want to repeat that it is not totally correct for the authors to state that "the geomechanics is not the main controlling parameter and that plays an indirect role in landslide predictability". Many more case studies should be investigated to come to this conclusion. Authors: see our answers to the previous reviewers.

R: I do not see the "involvement" of the geology to the predictability. Maybe further explanation should be provided since it is mentioned in the title of the paper. A: thank you for your observation. The title has been changed into "Of reliable landslide forecasting and factors influencing predictability".

R: In my opinion the authors should enrich the discussion about "the limitations of the proposed method". A: we will add a part in the discussion including all the comments

C1

made by the reviewers concerning this issue.

R: Is it possible to add a map with the locations of the landslides cases used in this study (the events of Table 1). A: unfortunately in the references papers the location is not specified for every landslide therefore the map would be only partial and not meaningful. However in some cases more detailed information can be retrieved from the relative papers.

R: The authors should explain what they mean by the term "artificial landslides". A: We mean landslides recreated in laboratory. Although from the original paper there is not mention of the dimensions of the artificial slope, a photograph shows that it is big enough not to be called a scale model. We can specify this in the paper.

R: The quality of the diagrams should be improved. A: as suggested by reviewer 1, the writings will be increased and the symbols will be coherent with the text.

R: A flow diagram of the proposed method would be appreciated by the readers. A: as suggested also by reviewer 2, this will be added in the discussion.

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