Natural Hazards and Earth System Sciences Discussions

Nat. Hazards Earth Syst. Sci. Discuss., author comment AC2
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Reply on RC2

Samuel Roeslin et al.

Author comment on "Development of a seismic loss prediction model for residential buildings using machine learning – Ōtautahi□/□Christchurch, New Zealand" by Samuel Roeslin et al., Nat. Hazards Earth Syst. Sci. Discuss., https://doi.org/10.5194/nhess-2022-227-AC2, 2022

We would like to thank referee #2 for the detailed and constructive feedback. We are grateful for the thoughtful comments and suggestions regarding the application of machine learning to real-world data. We are currently in the process of exploring and trying to implement the requested changes.

#	Referee #2 Comments	Responses
1	The selection of the test set is unclear in the paper. It also appears that the test set has been erroneously used as a validation set. If that is the case, then it is difficult to assess the generalizability of the authors' conclusions. It would be helpful to clarify how the test set was selected and used in this study. Additional comments regarding test set are also included below with specific line references.	

Please also note the supplement to this comment:
https://nhess.copernicus.org/preprints/nhess-2022-227/nhess-2022-227-AC2-supplement.pdf