

***Interactive comment on* “Comparison of machine learning classification algorithms for land cover change in a coastal area affected by the 2010 Earthquake and Tsunami in Chile” by Matias I. Volke and Rodrigo Abarca-Del-Rio**

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Received and published: 19 May 2020

we appreciate your comments. 10 iterations were performed in relation to the training samples, but we did not report it in the manuscript. Now we will repeat the sampling process but we will evaluate the effects of the training sample size on the results of the classification algorithms. 10 subsets of training data will be created by increasing the number of pixels per class in each subset. New pixel-wise classifiers algorithms will also be implemented (DT,KNN, ANN, DNN).

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Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2020-41>, 2020.

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