REFEREE REPORT

1. The overall quality of the preprint (general comments)

Based on the reviewers' comments, the authors improved the overall quality of the paper. The research is well structured. The authors explained particular issues relating to the dataset used and the applicability of the model/method. There are still deficiencies in the paper, associated primarily with the nature of ML-based damage prediction. Since the application of machine learning in earthquake damage prediction is still evolving, the difficulties encountered by authors are predictable. Therefore, the scientific community should encourage authors to explore new avenues for ML applications by publishing such papers.

2. Individual scientific questions/issues (specific comments)

The authors addressed each reviewer's comments and substantially improved the paper. They sufficiently explained the added value, limitations, and future work. Some questions still remain unanswered, not affecting the overall quality of the paper and publishing potential. The authors also offered some interesting views on the primary sources of uncertainty inherent in ML-based damage prediction.

3. Technical corrections

The authors corrected technical mistakes successfully.