

NHESS reviewer report 4, 2025-07.

The authors have addressed the major concerns raised in previous review rounds, providing clarifications, methodological adjustments, and additional analysis that substantially improve the clarity and scientific value of the manuscript. The experiments are now better contextualized, the performance metrics have been calculated as requested, and the discussion reflects a more balanced interpretation of the model's strengths and limitations. With these revisions, I believe the manuscript is suitable for publication and will be a valuable contribution to the field of machine learning in seismology.

As a final recommendation, I suggest that the authors consider including the precision, recall, and F1-score metrics—either in the appendix or as supplementary material—to enhance transparency and allow for easier comparison with related studies.