Geophysical Journal International

Geophys. J. Int. (2021) **226,** 1249 GJI Erratum

Erratum: Rapid prediction of earthquake ground shaking intensity using raw waveform data and a convolutional neural network

by Dario Jozinović[®],^{1,2} Anthony Lomax,³ Ivan Štajduhar⁴ and Alberto Michelini¹

¹Istituto Nazionale di Geofisica e Vulcanologia, Via di Vigna Murata 605, 00143 Rome, ItalyE-mail: djozinovi@gmail.com

²Department of Science, Università degli Studi Roma Tre, Via Ostiense, 159, 00154 Rome, Italy

⁴Department of Computer Engineering, Faculty of Engineering, University of Rijeka, 51000 Rijeka, Croatia

Accepted 2021 April 29in original form 2021 April 19

Key words: Earthquake ground motions; Neural networks; fuzzy logic; Earthquake early warning; Time-series analysis; Europe; Waveform inversion; Errata; Addenda.

Main body of the paper

In the paper of Jozinović *et al.* (2020) (J2020, hereinafter) a Convolutional neural network (CNN) model (fig. 5 in J2020) has been used for ground motion prediction from multistation earthquake waveforms. However, when showing the architecture model in fig. 5, there was a typo mistake in indicating the dimensions of the convolutional layers correctly. The filter in the second convolutional layer CF2 has a length of 125 and not 250 indicated in the diagram. The same typo mistake appeared also in section 3 of the main body of the paper, where the dimensions of the convolutional filters were described.

REFERENCES

Jozinović, D., Lomax, A., Štajduhar, I. & Michelini, A.(2020). Rapid prediction of earthquake ground shaking intensity using raw waveform data and a convolutional neural network. *Geophysical Journal International*, **222**(2), 1379–1389.

³ALomax Scientific, 320 Chemin des Indes, 06370 Mouans-Sartoux, France