Anticipating a risky future: LSTM models for spatiotemporal extrapolation of population data in areas prone to earthquakes and tsunamis in Lima, Peru

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We would like to thank the editor very much for the very valuable and helpful comments. We considered the remaining point and carefully revised the manuscript accordingly. Please find our detailed response to the comment below.

In the response below, the comment of the editor is reported in *italic*. Responses from the authors do not feature any special formatting. Quotations from the manuscript in its revised or in its original form are reported in blue.

Editor:

" The article has undergone thorough revisions from two peers and myself as an editor. It is almost ready to be published in its present form. Nevertheless, there is still a problem with the peak ground acceleration units presented in the upper panels of Figs. 5 , 10 and 11. Because of the resolution of the figure 1, I could not see whether the m/s2 was corrected to cm/s2, please check."

Thank you very much for this comment. We have carefully revised Fig 5, 10, and 11 and also Fig. 1 to ensure that physically meaningful peak ground acceleration units are documented. Regarding Fig. 1, we provide now a figure with a higher resolution.