

Dear Editor and Reviewers,

Thank you for your comments on our manuscript “Nowcasting thunderstorm hazards using machine learning: the impact of data sources on performance”. Attached, we submit the version that has been revised following the reviewer comments.

We have made several changes to the original manuscript in response to the reviewer comments. For our response to each comment of the reviewers, and the details of the changes made to the manuscript in response to each comment, please refer to the responses posted to each comment in the interactive discussion. You can also find the details of the changes made in the accompanying track-changes file.

In addition to changes made in response to the reviewer comments, we updated the revised manuscript with a few minor grammatical and typographical corrections that we found appropriate during the revision process. We also made the machine-learning dataset and code used in the paper publicly available at this stage, and added the information pointing to it in the “Code and data availability” section at the end of the article.

Best Regards,

Jussi Leinonen (on behalf of all the authors)