Review of: "Spatial Analysis of Soil Fertility Using Geostatistical Techniques And Artificial Neural Networks"

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Potential competing interests: No potential competing interests to declare.

The application of geostatistics and ANN in the mapping of soil properties is not new. However, contribution to the growing literature of the robustness of DSM methods is beneficial in this area of science. Beside that, the manuscript should provide a more detailed discussion of the limitations and potential biases associated with the manual representation of soil fertility classes, as it may introduce biases and low precision in the final result.

It would be beneficial to include information on the specific limitations or potential biases in the data obtained from soil analyses carried out by laboratories, as this is not mentioned in the manuscript.

The manuscript could explore and discuss any potential limitations or challenges in using geostatistical methods, such as ordinary kriging, for predicting soil properties and capturing the spatial variation of soil fertility

The manuscript did not explicitly discuss the limitations and biases in the information presented. Therefore, the recommendations are based on the gaps identified in the sources.