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Corrigendum to "Parent material geochemistry – and not plant biomass – as the key factor shaping soil organic carbon stocks in European alpine grasslands" published in Biogeosciences, 22, 7337–7361, 2025

Annina Maier[1], **Maria E. Macfarlane**[1,2], **Marco Griepentrog**[1], **and Sebastian Doetterl**[1]

[1]Department of Environmental Systems Science, Swiss Federal Institute of Technology (ETH) Zurich, 8092 Zurich, Switzerland
[2]Department of Civil and Environmental Engineering, Massachusetts Institute of Technology (MIT), 02139-4307 Cambridge, MA, USA

Correspondence: Annina Maier (annina.maier@usys.ethz.ch)

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Under Results Sect. 3.4: "Soil organic carbon model predictions with soil fertility versus soil mineralogical parameters", the in-text reported R^2, RMSE, and variable importance values for the soil fertility and soil mineralogy model are incorrect: These values are from the preprint/pre-revision model with 10-fold cross validation (CV) instead of the new model with the leave-one-plot-out CV.

For the soil fertility model the R^2 and RMSE should be 0.86 and 2.14 respectively, instead of the current reported R^2 of 0.91 and RMSE of 2.02. Additionally, bio-P has a variable importance of 32 % instead of 22 % for this model (Fig. 5a). Lastly, the variable importance for clay in this model is 22.7 %, instead of the current reported 17.7 % (Fig. 5c). For the soil mineralogy model the R^2 and RMSE should be 0.81 and 2.62 respectively, instead of the current reported R^2 of 0.84 and RMSE of 2.52. The variable importance for clay in this model is 44.5 %, instead of the current reported 24.2 % (Fig. 5d). Please note that the R^2 and RMSE of both models have been reported correctly within Fig. 5a and b and also within the appendix Table B1.

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