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Supplement of

Alps-wide high-resolution 3D modelling reconstruction of glacier geometry and climatic conditions for the Little Ice Age

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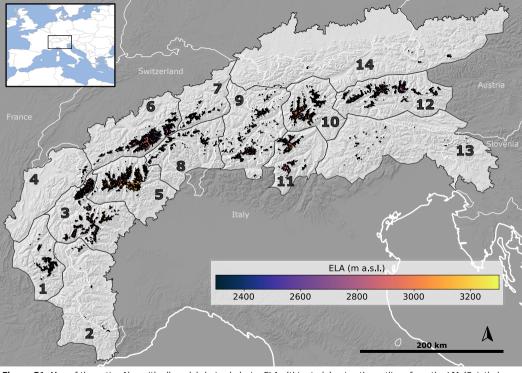


Figure S1. Map of the entire Alps with all model-derived glacier ELAs (this study) using the outlines from the LIA (Reinthaler and Paul, 2025 and references therein). The 14 regions are adapted from the International Standardised Mountain Subdivision of the Alps (Marazzi, 2004), also used for comparisons by Sommer et al. (2020) and Reinthaler and Paul (2025); for region names see Appendix Tab B2. The background map shows the shaded relief optained from the 30 m resolution AW3D30 DEM (Japan Aerospace Exploration Agency, 2021) with present-day glacier removed using the contemporary ice thickness reconstruction by Cook et al. (2023).