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An MIS 8 terrestrial record retrieved from a glacially overdeepened basin in the northern foreland of the European Alps

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Supplementary material



Figure S1: Plain overview picture of the lower section of the outcrop Baierbrunn – “Münchner Klettergarten” (geochronologist for scale).



Figure S2: Close-up of the Baierbrunn weathering features (“Geologische Orgeln”)

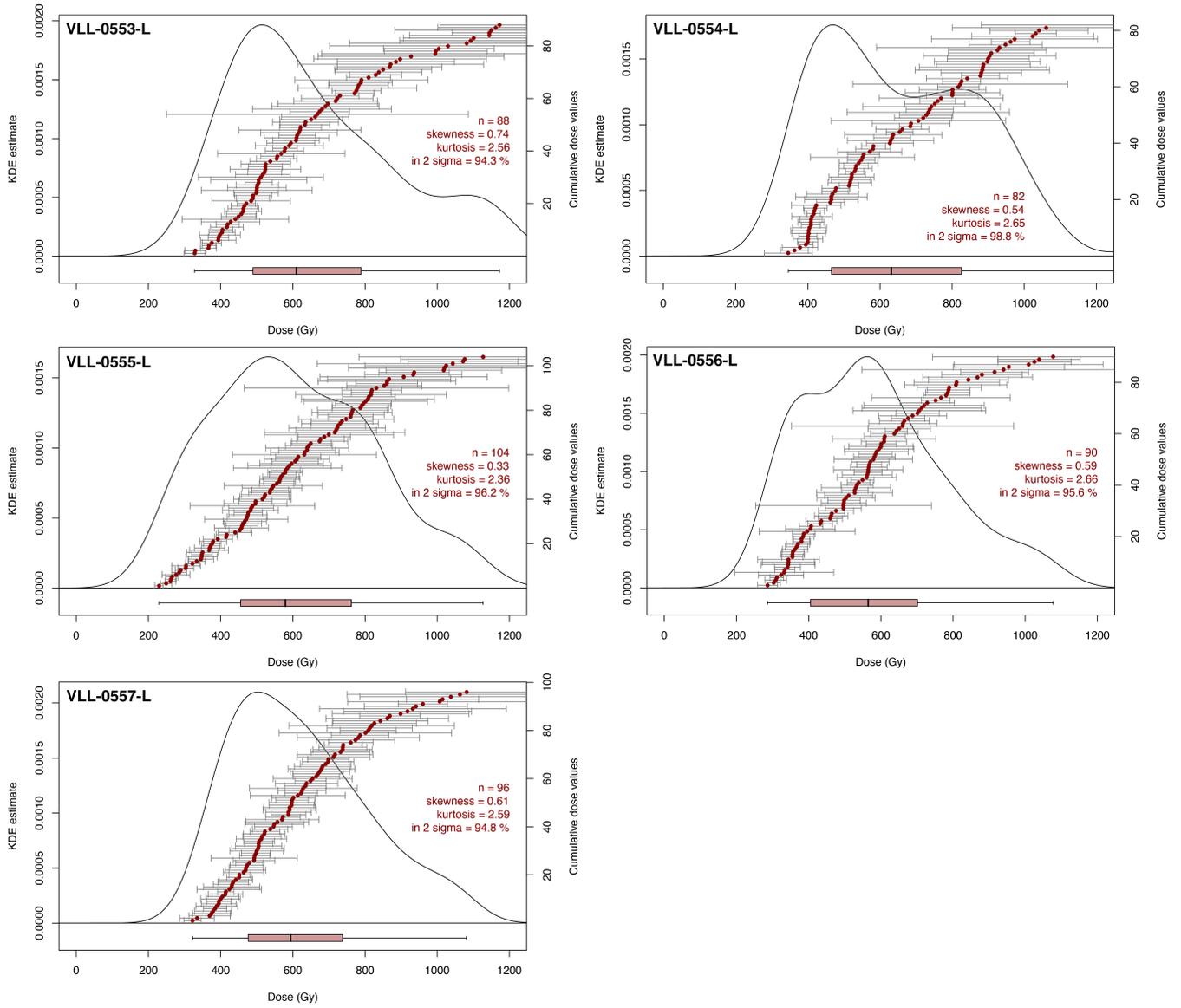


Figure S3a: KDE plots showing the single-grain equivalent dose distribution of samples from 5068_3_A SCHA unit A age cluster.

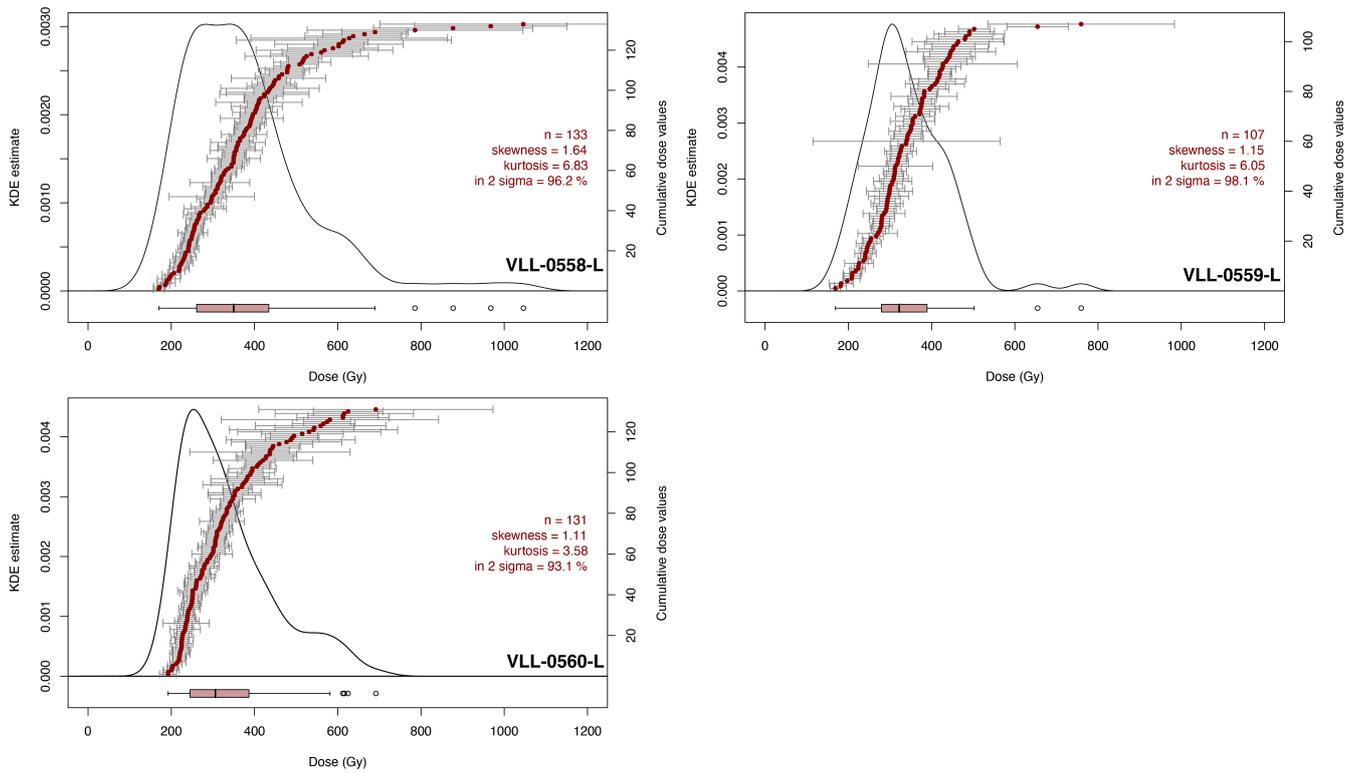


Figure S3b: KDE plots showing the single-grain equivalent dose distribution of samples from 5058_3_A SCHA unit B age cluster.

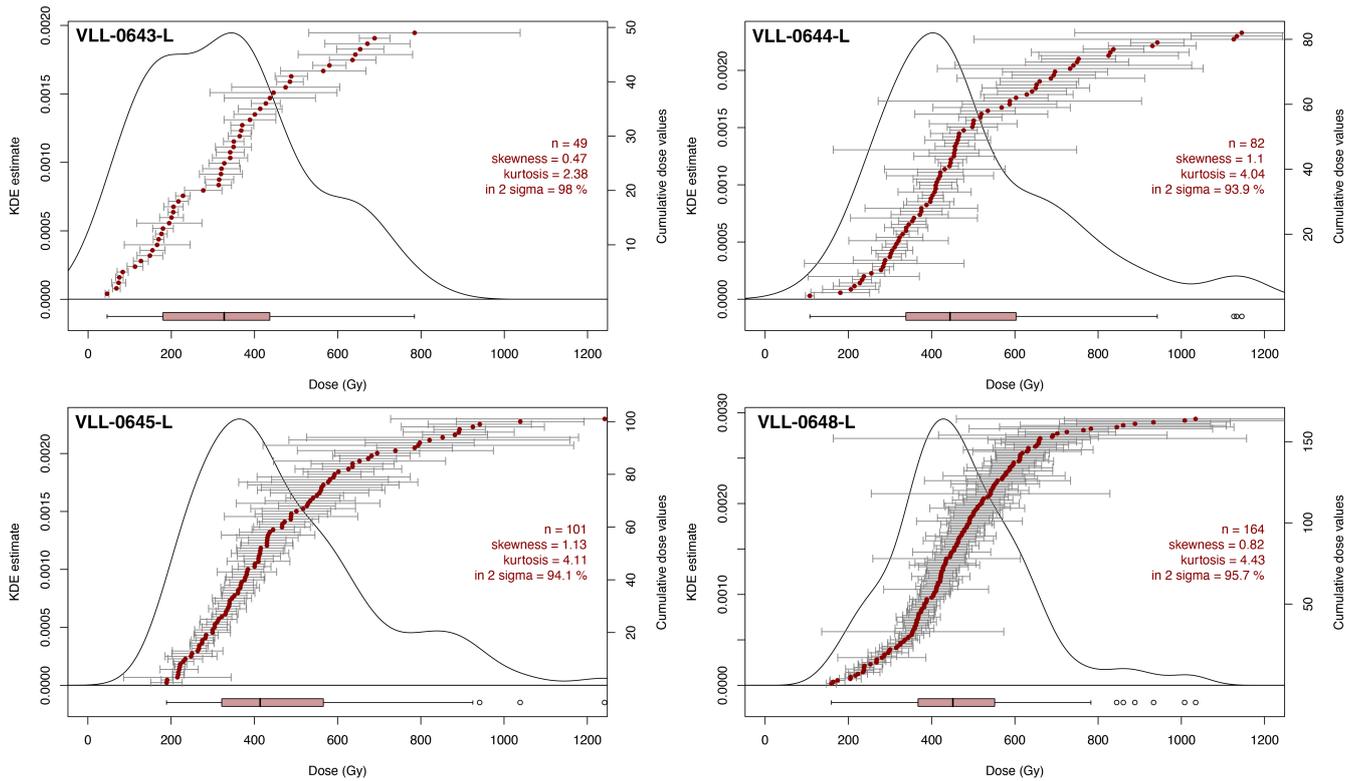


Figure S3c: KDE plots showing the single-grain equivalent dose distribution of samples from the Baierbrunn outcrop ("Münchner Klettergarten").

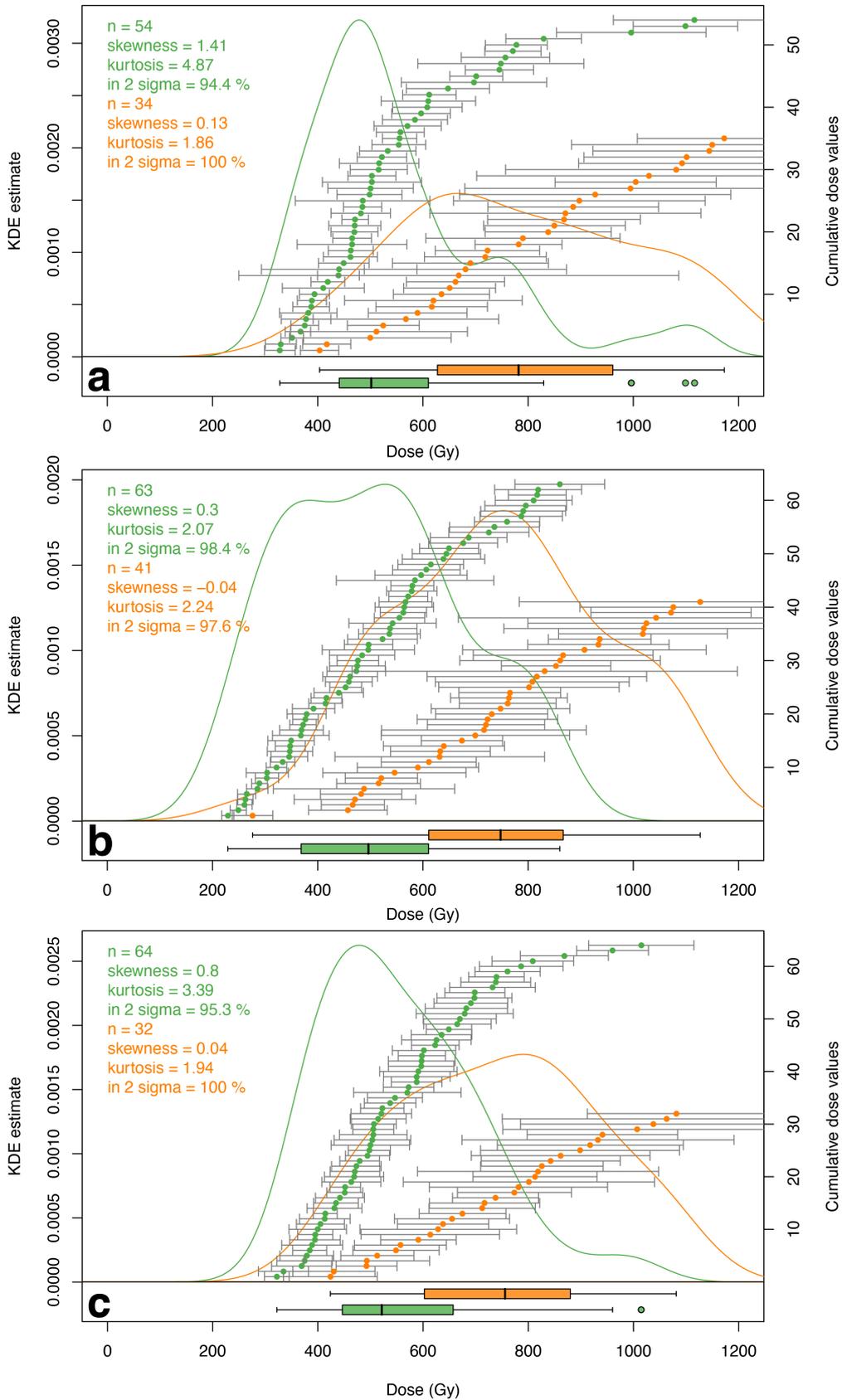


Figure S4: Single-grain D_c distributions of (a) VLL-0553-L, (b) VLL-0555-L, (c) VLL-0557-L split into two respective populations. Green denotes grains with D_c values below the $2D_0$ threshold. Orange denotes grains with equivalent dose values above the $2D_0$ threshold.

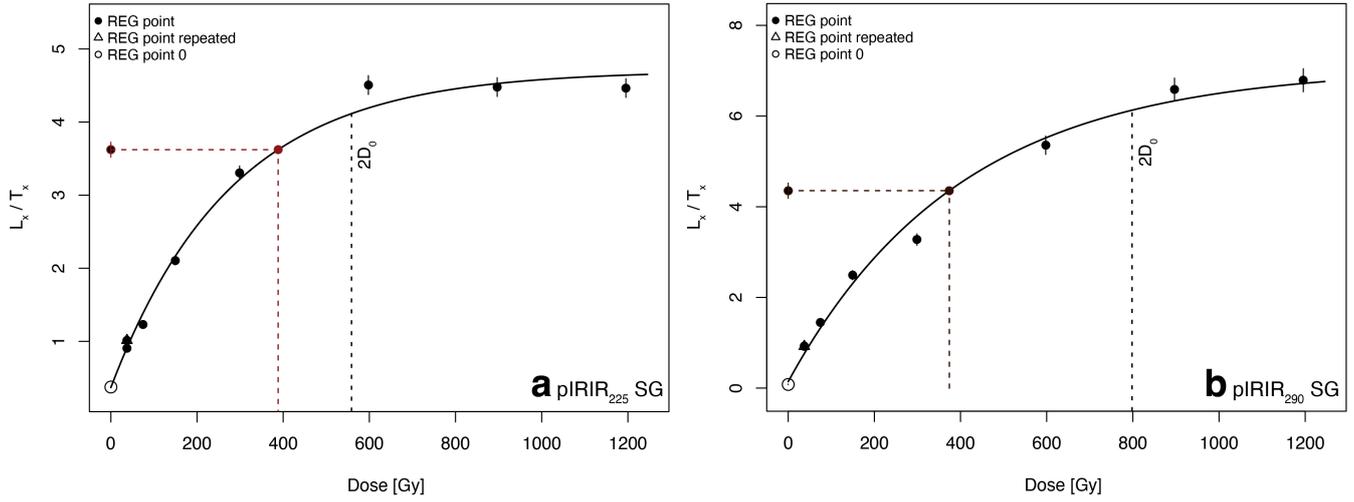


Figure S5: Dose response curves of VLL-0644-L. a: Exemplary unsaturated ($< 2D_0$) pIRIR₂₂₅ single-grain luminescence signal in comparison to b: Exemplary unsaturated ($< 2D_0$) pIRIR₂₉₀ single-grain luminescence signal. Note the similar equivalent dose.

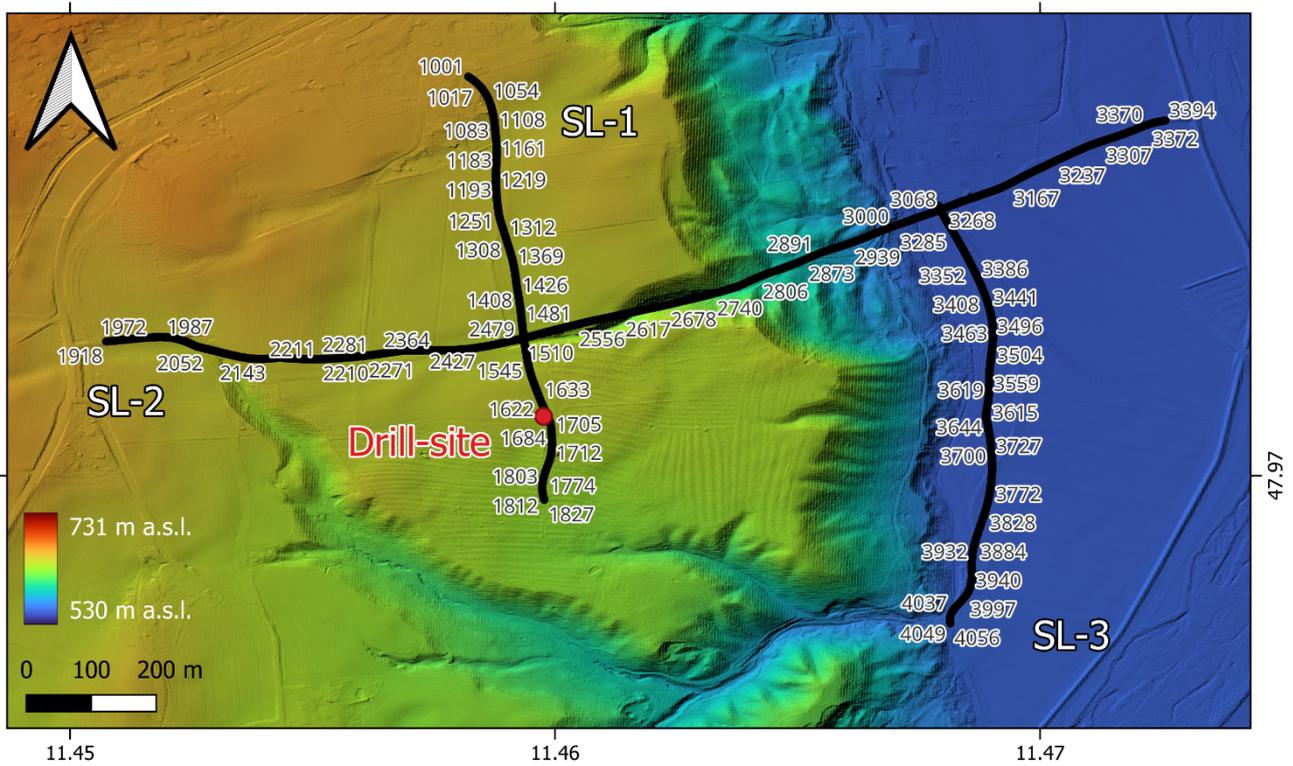


Figure S6: CMP (Common midpoint) map of the geophysical seismic profiles SL-1, SL-2 and SL-3.