



**Supplementary Fig. S3.** Relationships between the community weighted mean of the leaf area (LA) of dry (orange colour) and semi-dry grasslands (blue colour) to soil factors: a) SO, b) pH, c) CaCO<sub>3</sub>, d) N, e) C, f) C/N<sub>S</sub> (abbreviations cf. Fig. 4). Adjusted R<sup>2</sup> and significance are given (\*\* 0.001 ≤ p < 0.1, \*\*\* 0.001 < p, NA – not available). Visualisation based on the results of the ANCOVAs (cf. Table S3) as follows: significant interaction effect: two regression lines with 95% confidence level; significant main effect, but no interaction effect: one regression line with 95% confidence level; no significant main effect and interaction effect: without regression line.