



**Supplementary Fig. S2.** Relationships between the community weighted mean of the leaf dry mass (LDM) of dry (orange colour) and semi-dry grasslands (blue colour) to soil factors: a) SO, b) pH, c)  $\text{CaCO}_3$ , d) N, e) C, f)  $\text{C}/\text{N}_s$  (abbreviations cf. Fig. 4). Adjusted  $R^2$  and significance are given (\*\*  $0.001 \leq p < 0.1$ , \*\*\*  $0.001 < p$ , 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.