

Supplementary Materials: supporting information to the paper “Patterns of understory community assembly and plant trait-environment relationships in temperate SE European forests” (authors: Janez Kermavnar & Lado Kutnar).

FIGURE S1:

Principal Component Analysis (PCA) ordination diagrams for 10 IM sites in Slovenia, based on 5 environmental variables: ALT = altitude, L = Ellenberg Indicator Value (EIV) for light, F = EIV for soil moisture, R = EIV for soil reaction, N = EIV for soil nutrients. The EIVs were calculated based on presence/absence data from all the vegetation, including tree, shrub and herb layer. Results are shown for the **small vegetation plots** (Splots, 2 × 2 m, 100 plots in total). Bottom right table shows Pearson’s correlation coefficients between the environmental variables and three PCA axes (PC1, PC2, PC3).

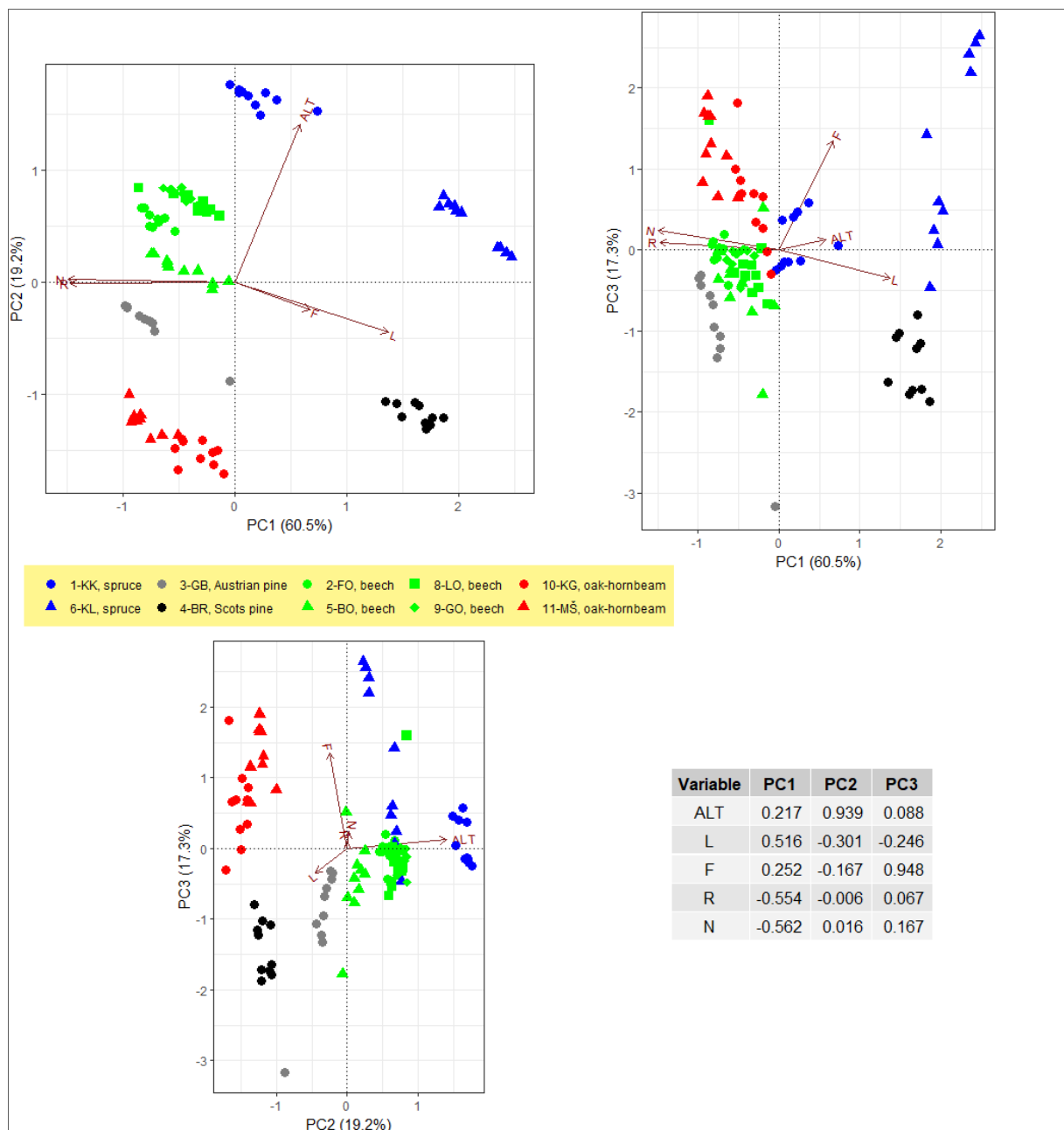


FIGURE S2:

Linear regressions between standardized effect size of functional dispersion (SES FDis) for four functional traits (H – height, SM – seed mass, SLA – specific leaf area, LDMC – leaf dry matter content, MULTI – all 4 traits combined) and **species evenness** (Pielou index). Red data points represent large plots (Lplots, 10 × 10 m) and blue points are for small plots (Splots, 2 × 2 m). Solid regression lines show significant relationships ($p < 0.05$). SES < 0 indicates trait convergence while SES > 0 indicates trait divergence while SES < 0 indicates trait convergence.

