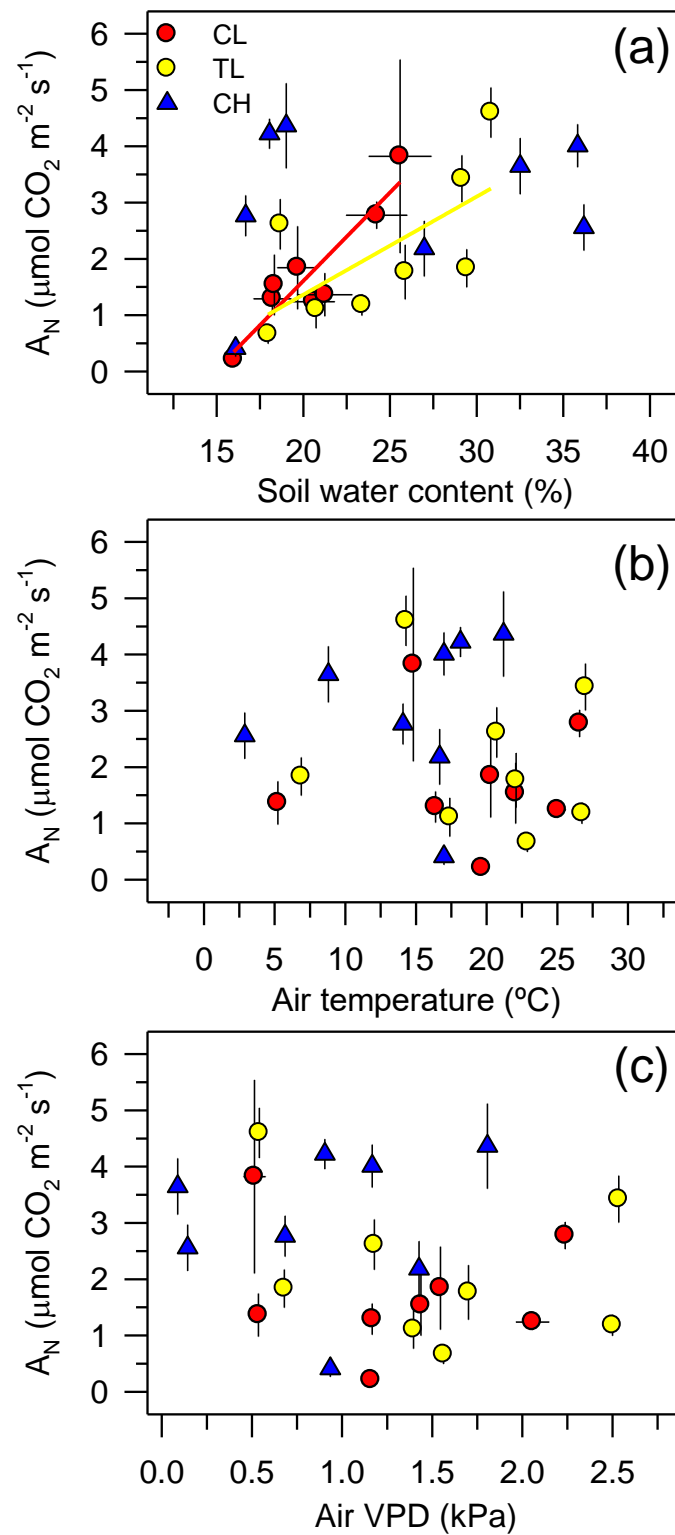**Figure S1.** Relationships observed among photosynthetic rate (A_N) and soil water content (a), air temperature (b), and air vapour pressure deficit (Air VPD, (c)) in control low-elevation (CL), thinning low-elevation (TL) and control high-elevation (CH) stands. Means ± standard errors of the daily data are shown. Significant and marginally significant linear regressions are indicated: (a) CL p<0.001, TL p=0.07.
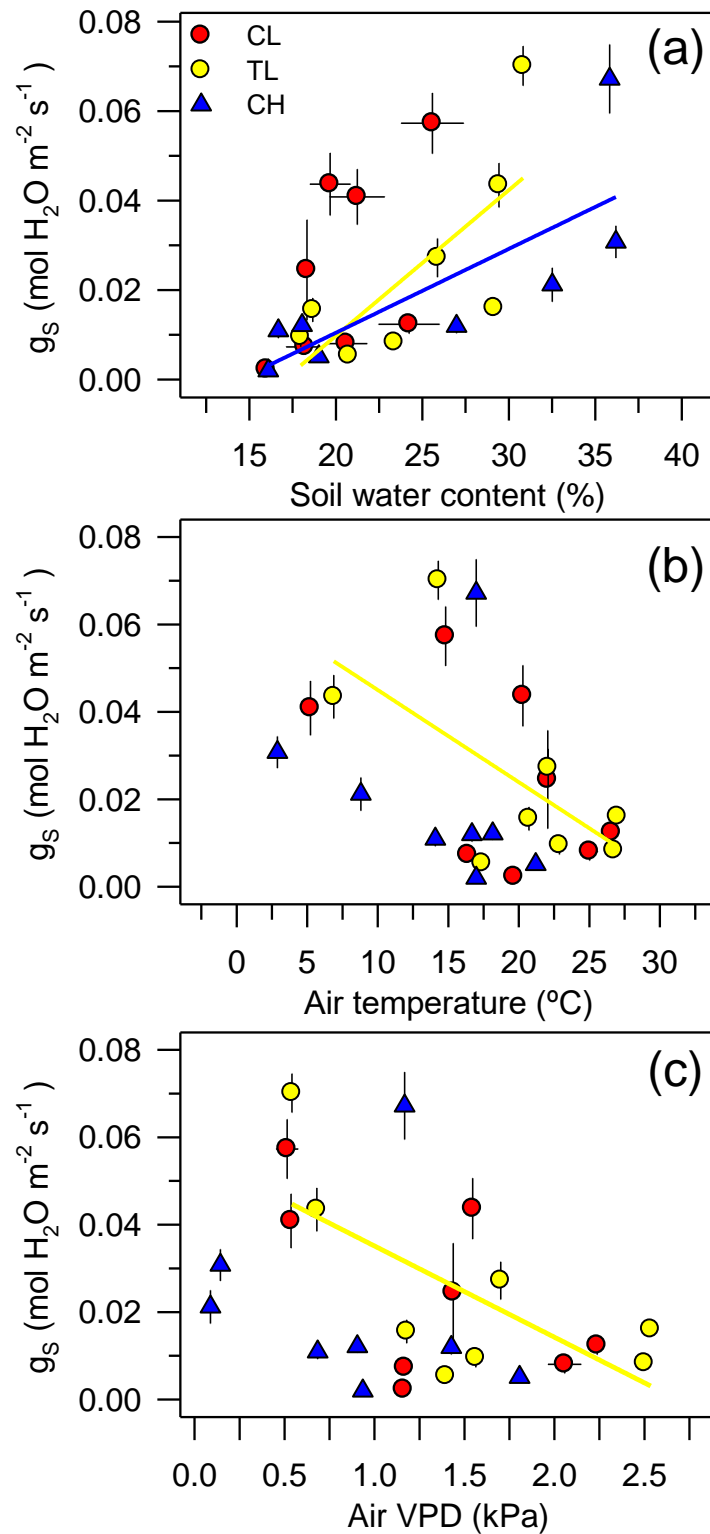
Figure S2. Relationships observed among stomatal conductance (g_s) and soil water content (a), air temperature (b), and air vapour pressure deficit (Air VPD, (c)) in control low-elevation (CL), thinning low-elevation (TL) and control high-elevation (CH) stands. Means ± standard errors of the daily data are shown. Significant and marginally significant linear regressions are indicated: (a) TL p=0.03, CH p<0.02; (b) TL p=0.09; (c) TL p=0.06.
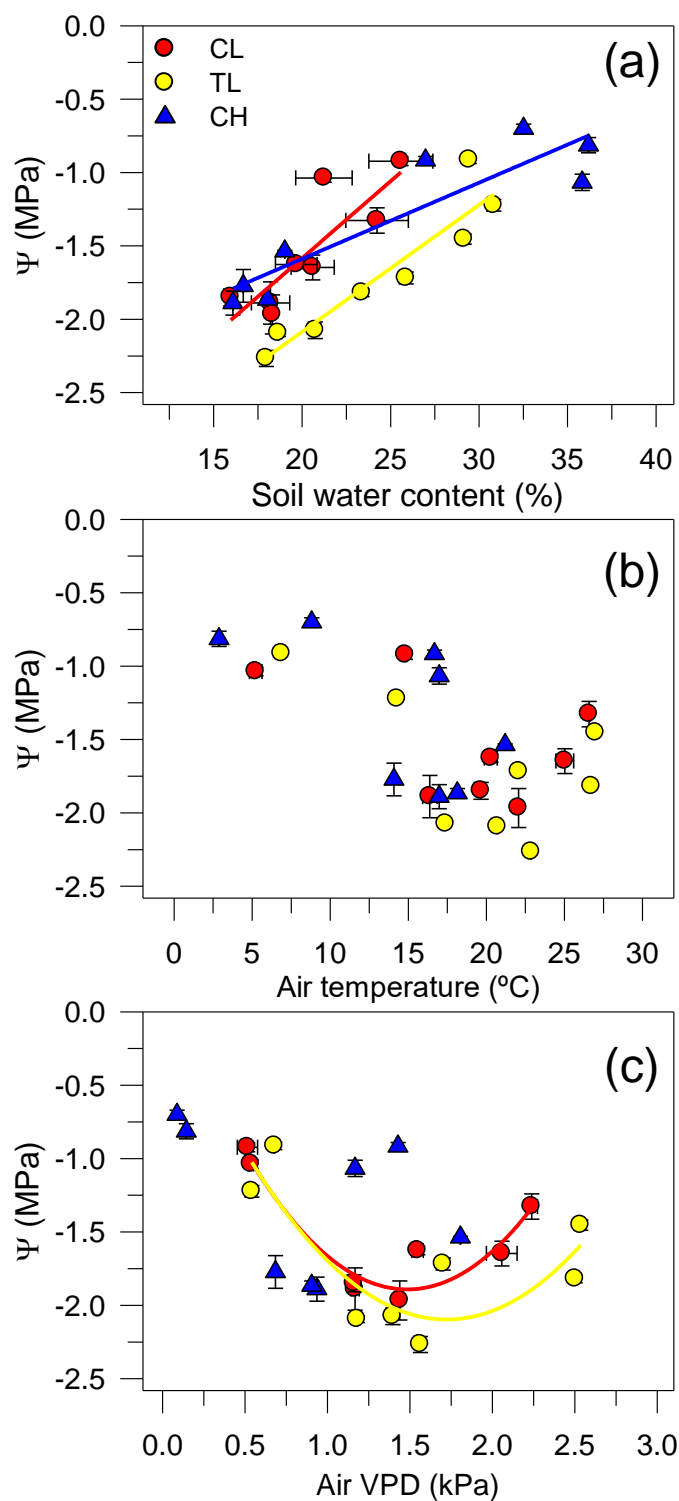
Figure S3. Relationships observed among xylem water potential (Ψ) and soil water content (a), air temperature (b), and air vapour pressure deficit (Air VPD, (c)) in control low-elevation (CL), thinning low-elevation (TL) and control high-elevation (CH) stands. Means ± standard errors of the daily data are shown. Significant and marginally significant regressions are indicated: (a) $p < 0.01$ in all the regressions using linear relationships; (c) CL $p < 0.01$, TL $p = 0.05$ using polynomial quadratic relationships.