

Table S1: Statistical analyses by response variable and associated predictors depending on measurement date. **T:** Treatment (Browsed and Unbrowsed); **S:** Species (*Ilex* and *Fagus*); **D:** Date (2018, 2019; LSP, MSU, LSU). **LSP:** Late spring. **MSU:** Mid-summer. **LSU:** Late summer. **S_A/L_A:** stem cross-sectional area to leaf area ratio. **SB:** shoot dry biomass. **R/S:** root-shoot ratio. **RD:** root depth. **RB:** root dry biomass.

Response variable	Statistical analyses	Predictors	2018			2019		
			LSP	MSU	LSU	LSP	MSU	LSU
	Linear	T (x2) S						
Leaf water potential	mixed effect model	(x2) D (x6)	X	X	X	X	X	X
	Linear	T (x2) S						
Photosynthetic parameters	mixed effect model	(x2) D (x6)	X	X	X	X	X	X
	Linear	T (x2) S						
Biochemical measurements	mixed effect model	(x2) D (x6)	X	X	X	X	X	X
	Linear	T (x2) S						
Pressure-volume curves	mixed effect model	(x2) D (x2)			X			X
	Linear	T (x2) S						
Biomass (S _A /L _A , SB) and shoot anatomical measurements	Two-way linear model	T (x2) S (x2)						X
	One-way linear model	T (x2)						X
Biomass (R/S, RD, RB) and root anatomical measurements								