

Table S1. Statistical significance presented as p-values derived from Tukey's honestly significant difference (HSD) test following the linear mixed effect models (LME) to assess difference in total year basal area increment (BAI), stem radius increment (GRO) and tree water deficit indicator (TWD) between individual tree groups. Significance also indicated as ***p<0.001, *p<0.05.

	MATURE _s - MATURE _c	YOUNG _s -MATURE _c	YOUNG-MATURE _s
GRO	0.712	<0.001***	<0.001***
BAI	0.0618	0.0132*	0.8401
TWD	<0.001***	0.0137*	<0.001***