Coeffcient	Survival Model			Height Growth Model		
	Log-Odds	CI (95%)	P-Value	Estimates	CI (95%)	P-Value
(Intercept)	-12.18	-21.03 – -3.34	**0.007**	0.16	-1.47 – 1.79	0.844
Initial height [sqrt]	0.69	0.56 – 0.82	**<0.001**	-0.04	-0.07 – -0.02	**<0.001**
Innoculation treatment [YES]	-0.09	-0.47 – 0.29	0.658	0.00	-0.05 – 0.05	0.925
Compost treatment [YES]	-0.55	-0.75 – -0.35	**<0.001**	0.02	-0.01 – 0.05	0.119
Mean elevation	0.13	0.03 – 0.22	**0.012**	0.01	-0.01 – 0.03	0.238
Cross-fall	0.34	-0.15 – 0.83	0.179	0.07	-0.03 – 0.16	0.182
Trait PC1	0.22	-0.03 – 0.47	0.090	0.05	0.01 – 0.09	**0.009**
Trait PC2	0.17	-0.11 – 0.45	0.242	0.05	0.01 – 0.10	**0.014**
Trait PC3	-0.22	-0.74 – 0.30	0.414	0.06	-0.00 – 0.13	0.054
Census duration	-0.00	-0.00 – 0.00	0.746	-0.00	-0.00 – 0.00	0.256
Innoculation treatment [YES] : compost treatment [YES]	0.19	-0.05 – 0.42	0.115	0.01	-0.02 – 0.04	0.559
Initial height [sqrt] : trait PC3	0.16	0.03 – 0.28	**0.013**			

Random Effects

	Survival Model	Height Growth Model
σ^2	3.29	0.11
τ_{00}	0.33 $_{plot}$	0.01 $_{plot:block}$
	0.89 $_{species}$	0.03 $_{species}$
		0.01 $_{block}$
τ_{11}	0.03 $_{species.sqrt(height\_baseline\_cm)}$	0.00 $_{species.sqrt(height\_baseline\_cm)}$
	0.07 $_{species.innoculationYES}$	0.00 $_{species.compostYES}$
	0.03 $_{species.compostYES}$	
ρ_{01}	-0.64 $_{species.sqrt(height\_baseline\_cm)}$	-0.69 $_{species.sqrt(height\_baseline\_cm)}$
	-0.59 $_{species.innoculationYES}$	-0.52 $_{species.compostYES}$
	-0.72 $_{species.compostYES}$	
ICC	0.22	0.22
N	60 $_{plot}$	60 $_{plot}$
	13 $_{species}$	2 $_{block}$
		13 $_{species}$
Observations	9991	7781
Marginal R^2 / Conditional R^2	0.239 / 0.405	0.142 / 0.334