

Table. Heights over time of northern and southern shrubs in the common garden.

	Species	Estimate (log)	Error (log)	Lower 95% CI (log)	Upper 95% CI (log)	Rhat	Bulk effective sample size	Tail effective sample size	Effect	Sample size
Intercept	Salix richardsonii	1.50	0.17	1.15	1.84	1.00	1849.11	3204.75	fixed	486
Sample age	Salix richardsonii	0.09	0.03	0.03	0.15	1.00	2258.67	3770.10	fixed	486
Southern population	Salix richardsonii	0.91	0.25	0.43	1.39	1.00	1656.68	3129.91	fixed	486
Sample age:Southern population	Salix richardsonii	0.16	0.04	0.08	0.24	1.00	2023.64	4058.49	fixed	486
Random intercept	Salix richardsonii	1.16	0.09	1.00	1.36	1.00	2914.78	5431.74	random	486
sd(Sample age)	Salix richardsonii	0.17	0.02	0.13	0.20	1.00	2327.48	3839.71	random	486
cor(Intercept, Sample age)	Salix richardsonii	-0.89	0.03	-0.94	-0.82	1.00	3648.05	5944.97	random	486
sigma	Salix richardsonii	0.33	0.01	0.31	0.37	1.00	3972.25	7200.83	residual	486
Intercept	Salix pulchra	1.99	0.12	1.75	2.22	1.00	3248.79	5379.26	fixed	673
Sample age	Salix pulchra	-0.02	0.02	-0.06	0.02	1.00	4264.70	6352.54	fixed	673
Southern population	Salix pulchra	0.95	0.17	0.61	1.30	1.00	3340.40	5406.38	fixed	673
Sample age:Southern population	Salix pulchra	0.03	0.03	-0.03	0.08	1.00	4196.86	7136.55	fixed	673
Random intercept	Salix pulchra	0.93	0.07	0.80	1.07	1.00	4483.09	7137.75	random	673
sd(Sample age)	Salix pulchra	0.12	0.01	0.10	0.15	1.00	3298.06	5659.58	random	673
cor(Intercept, Sample age)	Salix pulchra	-0.75	0.06	-0.84	-0.62	1.00	5883.27	7712.91	random	673
sigma	Salix pulchra	0.35	0.01	0.32	0.37	1.00	6361.65	8737.65	residual	673
Intercept	Salix arctica	0.86	0.15	0.56	1.15	1.00	5043.70	6634.70	fixed	186
Sample age	Salix arctica	0.08	0.03	0.02	0.14	1.00	5438.71	7038.71	fixed	186
Southern population	Salix arctica	-0.28	0.20	-0.67	0.12	1.00	4647.60	6208.17	fixed	186
Sample age:Southern population	Salix arctica	0.11	0.04	0.02	0.19	1.00	5520.98	7626.80	fixed	186
Random intercept	Salix arctica	0.46	0.12	0.25	0.72	1.00	1662.43	3198.60	random	186
sd(Sample age)	Salix arctica	0.05	0.03	0.00	0.12	1.00	1596.94	4088.99	random	186
cor(Intercept, Sample age)	Salix arctica	-0.68	0.38	-0.99	0.53	1.00	3208.95	4043.26	random	186
sigma	Salix arctica	0.41	0.03	0.36	0.47	1.00	3101.79	4818.67	residual	186