

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	1.46	0.17	1.14	1.79	1.00	1414.94	2501.47	fixed	601
Sample age	Salix richardsonii	0.10	0.02	0.05	0.15	1.00	1749.04	3739.33	fixed	601
Southern population	Salix richardsonii	1.06	0.23	0.61	1.51	1.00	1388.41	3023.99	fixed	601
Sample age:Southern population	Salix richardsonii	0.11	0.03	0.04	0.17	1.00	1700.06	3592.74	fixed	601
Random intercept	Salix richardsonii	1.14	0.09	0.98	1.33	1.00	2521.72	3967.49	random	601
sd(Sample age)	Salix richardsonii	0.15	0.01	0.12	0.18	1.00	2302.04	3784.28	random	601
cor(Intercept, Sample age)	Salix richardsonii	-0.89	0.03	-0.93	-0.82	1.00	2626.97	5709.18	random	601
sigma	Salix richardsonii	0.31	0.01	0.29	0.34	1.00	6925.17	8534.44	residual	601
Intercept	Salix pulchra	1.96	0.12	1.73	2.19	1.00	2746.04	4834.74	fixed	819
Sample age	Salix pulchra	0.00	0.02	-0.04	0.03	1.00	3410.63	5868.14	fixed	819
Southern population	Salix pulchra	0.99	0.17	0.67	1.32	1.00	2763.95	4712.71	fixed	819
Sample age:Southern population	Salix pulchra	0.01	0.02	-0.03	0.06	1.00	3265.65	4896.39	fixed	819
Random intercept	Salix pulchra	0.93	0.07	0.81	1.07	1.00	3585.51	6445.01	random	819
sd(Sample age)	Salix pulchra	0.12	0.01	0.10	0.14	1.00	2652.70	4781.95	random	819
cor(Intercept, Sample age)	Salix pulchra	-0.76	0.05	-0.84	-0.65	1.00	3874.06	7004.35	random	819
sigma	Salix pulchra	0.33	0.01	0.31	0.35	1.00	7946.62	8369.88	residual	819
Intercept	Salix arctica	0.53	0.12	0.29	0.76	1.00	5048.65	5680.92	fixed	326
Sample age	Salix arctica	0.14	0.02	0.10	0.18	1.00	7327.77	8185.06	fixed	326
Southern population	Salix arctica	0.02	0.17	-0.30	0.34	1.00	4795.07	6370.41	fixed	326
Sample age:Southern population	Salix arctica	0.04	0.03	-0.01	0.10	1.00	6663.57	6965.60	fixed	326
Random intercept	Salix arctica	0.54	0.09	0.37	0.71	1.00	3053.03	4756.21	random	326
sd(Sample age)	Salix arctica	0.05	0.02	0.01	0.09	1.00	1987.60	2716.89	random	326
cor(Intercept, Sample age)	Salix arctica	-0.77	0.21	-0.98	-0.20	1.00	5340.18	4584.97	random	326
sigma	Salix arctica	0.42	0.02	0.38	0.46	1.00	5302.97	7752.04	residual	326