

Table.xxx BRMS model outputs: leaf area in northern garden, northern source, southern garden and southern source populations.

	Species	Estimate	Error	Lower 95% CI	Upper 95% CI	Rhat	Bulk Effective Sample Size	Tail Effective Sample Size	Sample Size	Effect	Estimate (sum)	Lower 95% CI (sum)	Upper 95% CI (sum)
Intercept	Salix richardsonii	10.09	25.49	4.94	44.91	1.00	1920.23	2069.48	66	fixed	25.49	4.94	44.91
Northern Source	Salix richardsonii	10.21	17.78	-2.30	37.91	1.00	5335.93	3723.62	66	fixed	43.27	2.64	82.83
Southern Source	Salix richardsonii	5.60	37.85	26.80	48.94	1.00	4608.48	3697.49	66	fixed	63.34	31.74	93.86
Southern Garden	Salix richardsonii	4.72	14.78	5.55	23.99	1.00	5486.18	4402.77	66	fixed	40.27	10.48	68.91
Year	Salix richardsonii	10.71	17.15	5.18	45.21	1.00	1938.86	2817.16	66	random	17.15	5.18	45.21
Sigma	Salix richardsonii	1.45	15.06	12.59	18.26	1.00	4632.14	3567.02	66	residual	15.06	12.59	18.26
Intercept1	Salix pulchra	0.80	1.64	-0.06	3.21	1.00	1310.49	2019.87	172	fixed	1.64	-0.06	3.21
Northern Source1	Salix pulchra	0.17	1.33	1.00	1.65	1.00	3933.40	4009.51	172	fixed	2.97	0.95	4.87
Southern Source1	Salix pulchra	0.14	0.91	0.64	1.19	1.00	3927.54	3461.87	172	fixed	2.55	0.58	4.40
Southern Garden1	Salix pulchra	0.10	0.57	0.37	0.77	1.00	5396.53	4120.78	172	fixed	2.21	0.31	3.98
Year1	Salix pulchra	0.72	1.94	1.05	3.80	1.00	1731.56	2843.56	172	random	1.94	1.05	3.80
Sigma1	Salix pulchra	0.02	0.42	0.37	0.46	1.00	5547.29	3873.83	172	residual	0.42	0.37	0.46
Intercept2	Salix arctica	3.56	45.98	38.99	53.02	1.00	4623.50	4228.19	56	fixed	45.98	38.99	53.02
Northern Source2	Salix arctica	11.71	25.29	2.40	48.22	1.00	5341.69	4365.02	56	fixed	71.27	41.39	101.24
Southern Source2	Salix arctica	8.82	10.87	-6.65	28.35	1.00	4887.58	3914.29	56	fixed	56.85	32.34	81.37
Southern Garden2	Salix arctica	5.89	5.50	-5.75	17.30	1.00	4591.99	3973.51	56	fixed	51.48	33.24	70.31
Sigma2	Salix arctica	1.91	19.27	15.98	23.50	1.00	4722.41	4070.78	56	residual	19.27	15.98	23.50