

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	8.91	33.37	14.56	50.25	1.00	2349.87	2941.97	88	fixed	33.37	14.56	50.25
Northern Source	Salix richardsonii	12.82	13.84	-11.23	39.06	1.00	5194.83	4135.08	88	fixed	47.21	3.32	89.31
Southern Source	Salix richardsonii	7.38	46.91	32.49	61.39	1.00	3174.64	3994.69	88	fixed	80.28	47.05	111.64
Southern Garden	Salix richardsonii	5.65	22.72	11.59	33.85	1.00	4607.21	4058.41	88	fixed	56.09	26.15	84.10
Year	Salix richardsonii	9.18	13.80	2.10	37.26	1.00	1790.12	1787.98	88	random	13.80	2.10	37.26
Sigma	Salix richardsonii	1.55	19.52	16.76	22.86	1.00	4664.65	4111.49	88	residual	19.52	16.76	22.86
Intercept1	Salix pulchra	10.09	25.49	4.94	44.91	1.00	1920.23	2069.48	66	fixed	25.49	4.94	44.91
Northern Source1	Salix pulchra	10.21	17.78	-2.30	37.91	1.00	5335.93	3723.62	66	fixed	43.27	2.64	82.83
Southern Source1	Salix pulchra	5.60	37.85	26.80	48.94	1.00	4608.48	3697.49	66	fixed	63.34	31.74	93.86
Southern Garden1	Salix pulchra	4.72	14.78	5.55	23.99	1.00	5486.18	4402.77	66	fixed	40.27	10.48	68.91
Year1	Salix pulchra	10.71	17.15	5.18	45.21	1.00	1938.86	2817.16	66	random	17.15	5.18	45.21
Sigma1	Salix pulchra	1.45	15.06	12.59	18.26	1.00	4632.14	3567.02	66	residual	15.06	12.59	18.26
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