

Table.xxx BRMS model outputs: leaf area by northern garden, northern source, southern garden and southern source populations. Log transformed output in the table below.

	Species	Estimate (log)	Lower 95% CI (log)	Upper 95% CI (log)	Estimate (log sum)	Lower 95% CI (log sum)	Upper 95% CI (log sum)	Estimate (transformed)	Lower 95% CI (transformed)	Upper 95% CI (transformed)	Rhat	Bulk Effective Sample Size	Tail Effective Sample Size	Sample Size	Effect
Intercept	Salix richardsonii	2.05	0.60	3.39	2.05	0.60	3.39	7.79	1.82	29.61	1.00	1563.08	1565.74	193	fixed
Northern Source	Salix richardsonii	1.37	1.08	1.66	3.42	1.68	5.05	30.59	5.36	155.49	1.00	4250.77	4236.79	193	fixed
Southern Source	Salix richardsonii	0.91	0.67	1.15	2.96	1.27	4.54	19.39	3.57	93.57	1.00	3984.64	4423.58	193	fixed
Southern Garden	Salix richardsonii	0.77	0.60	0.94	2.82	1.20	4.33	16.80	3.31	75.99	1.00	4834.25	4016.61	193	fixed
Year	Salix richardsonii	1.73	0.92	3.34	1.73	0.92	3.34	5.64	2.51	28.35	1.00	1502.12	2076.03	193	random
Sigma	Salix richardsonii	0.37	0.33	0.41	0.37	0.33	0.41	1.45	1.39	1.51	1.00	5558.61	3663.82	193	residual
Intercept1	Salix pulchra	1.64	-0.06	3.21	1.64	-0.06	3.21	5.14	0.95	24.86	1.00	1310.49	2019.87	172	fixed
Northern Source1	Salix pulchra	1.33	1.00	1.65	2.97	0.95	4.87	19.45	2.58	129.72	1.00	3933.40	4009.51	172	fixed
Southern Source1	Salix pulchra	0.91	0.64	1.19	2.55	0.58	4.40	12.82	1.79	81.70	1.00	3927.54	3461.87	172	fixed
Southern Garden1	Salix pulchra	0.57	0.37	0.77	2.21	0.31	3.98	9.07	1.37	53.66	1.00	5396.53	4120.78	172	fixed
Year1	Salix pulchra	1.94	1.05	3.80	1.94	1.05	3.80	6.97	2.85	44.62	1.00	1731.56	2843.56	172	random
Sigma1	Salix pulchra	0.42	0.37	0.46	0.42	0.37	0.46	1.52	1.45	1.59	1.00	5547.29	3873.83	172	residual
Intercept2	Salix arctica	2.37	0.43	4.15	2.37	0.43	4.15	10.71	1.54	63.22	1.00	2034.91	2683.95	140	fixed
Northern Source2	Salix arctica	1.48	0.95	2.00	3.86	1.38	6.15	47.26	3.99	467.94	1.00	4246.55	3427.80	140	fixed
Southern Source2	Salix arctica	-0.14	-0.65	0.35	2.23	-0.22	4.49	9.29	0.80	89.33	1.00	4194.44	3636.14	140	fixed
Southern Garden2	Salix arctica	0.20	-0.15	0.55	2.57	0.28	4.70	13.12	1.32	109.94	1.00	6052.71	3969.56	140	fixed
Year2	Salix arctica	2.08	1.03	4.15	2.08	1.03	4.15	7.99	2.79	63.48	1.00	1943.59	2619.54	140	random
Sigma2	Salix arctica	0.58	0.52	0.66	0.58	0.52	0.66	1.79	1.68	1.93	1.00	6062.70	4000.39	140	residual