

Table.xxx BRMS model outputs: Leaf area of northern garden, northern source, southern garden, southern source willows. Model structure per species: (log(LA) ~ population + (1|year)). Model output back-transformed in the table below.

	Estimate	Est. Error	Lower 95% CI (log)	Upper 95% CI (log)	Rhat	Bulk Effective Sample Size	Tail Effective Sample Size	Effect	Sample Size	Species	Lower 95% CI (back transformed)	Upper 95% CI (back transformed)	Estimate transformed	Error transformed
Intercept	1.64	0.76	0.05	3.17	1.00	1620.27	2032.55	fixed	170	Salix richardsonii	1.05	23.88	5.16	2.15
Northern Source	1.50	0.15	1.20	1.79	1.00	3613.90	3426.35	fixed	170	Salix richardsonii	3.31	6.00	4.49	1.16
SouthernSource	1.05	0.13	0.79	1.29	1.00	3509.60	2975.77	fixed	170	Salix richardsonii	2.19	3.63	2.84	1.14
Southern Garden	1.00	0.10	0.81	1.20	1.00	3838.70	3745.79	fixed	170	Salix richardsonii	2.24	3.32	2.72	1.11
Year	1.75	0.74	0.84	3.69	1.00	1425.84	2501.49	random	170	Salix richardsonii	2.32	40.14	5.73	2.09
Sigma	0.36	0.02	0.33	0.41	1.00	4493.83	3382.68	residual	170	Salix richardsonii	1.39	1.50	1.44	1.02
Intercept	1.21	0.84	-0.52	2.82	1.00	1627.32	2165.60	fixed	156	Salix pulchra	0.60	16.78	3.34	2.31
Northern Source	1.37	0.17	1.02	1.71	1.00	3197.20	3215.14	fixed	156	Salix pulchra	2.77	5.53	3.93	1.19
SouthernSource	0.95	0.15	0.66	1.24	1.00	3369.01	3472.73	fixed	156	Salix pulchra	1.94	3.46	2.58	1.16
Southern Garden	0.63	0.12	0.41	0.87	1.00	4091.48	3697.99	fixed	156	Salix pulchra	1.50	2.38	1.89	1.13
Year	1.85	0.78	0.91	3.88	1.00	1367.42	2180.60	random	156	Salix pulchra	2.50	48.29	6.34	2.19
Sigma	0.43	0.03	0.38	0.48	1.00	4653.97	3850.83	residual	156	Salix pulchra	1.47	1.62	1.54	1.03
Intercept	1.93	1.00	-0.11	3.98	1.00	2113.38	2486.04	fixed	117	Salix arctica	0.90	53.36	6.90	2.72
Northern Source	1.54	0.30	0.97	2.10	1.00	3313.62	4201.91	fixed	117	Salix arctica	2.63	8.20	4.66	1.35
SouthernSource	-0.10	0.28	-0.65	0.44	1.00	3312.59	3942.02	fixed	117	Salix arctica	0.52	1.55	0.91	1.33
Southern Garden	0.29	0.25	-0.21	0.77	1.00	4261.37	3659.53	fixed	117	Salix arctica	0.81	2.17	1.33	1.29
Year	2.14	0.97	1.02	4.48	1.00	1748.43	3010.10	random	117	Salix arctica	2.76	88.55	8.52	2.63
Sigma	0.62	0.04	0.55	0.71	1.00	4109.93	3257.31	residual	117	Salix arctica	1.73	2.04	1.86	1.04