

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

	Estimate	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
Intercept	2.70	2.54	2.85	1.00	2027.38	2245.91	fixed	130	Salix richardsonii	12.62	17.22	14.94
Northern Source	2.46	2.12	2.81	1.00	2076.37	2866.74	fixed	130	Salix richardsonii	8.35	16.56	11.74
SouthernSource	2.75	2.45	3.04	1.00	2754.35	2891.29	fixed	130	Salix richardsonii	11.61	20.83	15.67
Southern Garden	2.57	2.28	2.84	1.00	4370.98	3823.64	fixed	130	Salix richardsonii	9.80	17.18	13.13
Year	0.10	0.00	0.31	1.00	1032.51	1313.23	random	130	Salix richardsonii	1.00	1.37	1.10
Sigma	0.21	0.19	0.24	1.00	5221.91	3930.19	residual	130	Salix richardsonii	1.21	1.28	1.24
Intercept	2.74	2.62	2.85	1.00	1856.63	2019.34	fixed	117	Salix pulchra	13.67	17.21	15.43
Northern Source	2.32	2.06	2.58	1.00	2462.57	3137.78	fixed	117	Salix pulchra	7.88	13.18	10.20
SouthernSource	2.75	2.49	2.99	1.00	2587.09	3275.24	fixed	117	Salix pulchra	12.12	19.83	15.60
Southern Garden	2.55	2.32	2.78	1.00	3382.48	3524.00	fixed	117	Salix pulchra	10.13	16.04	12.84
Year	0.05	0.00	0.19	1.00	1577.13	2429.26	random	117	Salix pulchra	1.00	1.21	1.05
Sigma	0.21	0.19	0.24	1.00	5038.32	4571.44	residual	117	Salix pulchra	1.20	1.27	1.24
Intercept	2.41	2.18	2.64	1.00	1541.79	1616.46	fixed	75	Salix arctica	8.82	14.03	11.12
Northern Source	0.04	-0.11	0.20	1.00	2380.27	3530.83	fixed	75	Salix arctica	0.90	1.22	1.04
SouthernSource	0.18	0.04	0.32	1.00	2988.29	3750.55	fixed	75	Salix arctica	1.04	1.38	1.20
Southern Garden	-0.07	-0.21	0.06	1.00	3554.83	3463.50	fixed	75	Salix arctica	0.81	1.06	0.93
Year	0.16	0.02	0.58	1.00	1147.89	1472.18	random	75	Salix arctica	1.02	1.78	1.17
Sigma	0.17	0.14	0.20	1.00	4338.10	4111.84	residual	75	Salix arctica	1.15	1.22	1.18