

Table.xxx BRMS model outputs: Leaf length of northern garden, northern source, southern garden, southern source willows. Model structure per species: (log(SLA) ~ population + (1|year). Note S. arctica only comparing garden populations. 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	22.03	3.43	15.28	28.91	1.00	1343.97	1846.82	fixed	505	Salix richardsonii	1.915703e+15	6.024604e+28	1.074307e+22	2686.98
Northern Source	19.93	1.95	16.19	23.75	1.00	3574.70	3634.02	fixed	505	Salix richardsonii	1.538299e+16	4.642715e+23	8.450966e+19	88.88
SouthernSource	28.85	1.90	25.19	32.58	1.00	3580.14	3443.80	fixed	505	Salix richardsonii	1.547818e+25	3.206303e+32	7.044695e+28	78.79
Southern Garden	18.14	0.95	16.30	20.04	1.00	4204.26	3450.64	fixed	505	Salix richardsonii	2.008099e+16	9.655844e+19	1.392476e+18	8.92
Year	9.25	2.96	5.22	16.75	1.00	1463.85	2800.60	random	505	Salix richardsonii	1.676964e+05	1.910717e+13	1.790029e+09	901.60
Sigma	9.19	0.29	8.64	9.78	1.00	4535.74	3741.97	residual	505	Salix richardsonii	4.350492e+08	5.436751e+09	1.537938e+09	1.95
Intercept	20.06	3.69	12.70	27.22	1.00	1210.67	2147.36	fixed	651	Salix pulchra	4.994198e+12	2.642701e+27	1.148833e+20	4919.00
Northern Source	15.03	2.19	10.85	19.45	1.00	4623.21	3717.37	fixed	651	Salix pulchra	7.016583e+10	1.672820e+19	1.083397e+15	153.16
SouthernSource	30.27	2.11	26.02	34.38	1.00	4623.37	3419.40	fixed	651	Salix pulchra	1.042556e+26	3.316522e+34	1.859478e+30	129.08
Southern Garden	16.23	0.89	14.46	17.99	1.00	5122.65	3685.29	fixed	651	Salix pulchra	2.903373e+14	9.744938e+17	1.682058e+16	7.78
Year	10.27	3.13	6.07	18.22	1.00	1559.58	2692.23	random	651	Salix pulchra	1.175716e+06	2.975525e+14	1.870393e+10	1361.70
Sigma	10.26	0.29	9.71	10.84	1.00	5273.07	3583.66	residual	651	Salix pulchra	5.104815e+09	6.594162e+10	1.834720e+10	1.94
Intercept	23.72	3.12	17.45	29.96	1.00	2925.14	3392.75	fixed	226	Salix arctica	2.843614e+17	9.505658e+29	5.199079e+23	1313.71
Southern Garden	4.15	1.30	1.62	6.68	1.00	7811.31	7000.19	fixed	226	Salix arctica	4.134000e+01	4.799244e+06	1.408562e+04	19.85
Year	6.38	3.02	2.80	13.77	1.00	2832.91	3995.74	random	226	Salix arctica	6.355400e+02	9.087212e+09	2.403184e+06	1036.26
Sigma	9.68	0.46	8.83	10.65	1.00	7867.03	7635.48	residual	226	Salix arctica	6.815894e+08	3.419517e+10	4.827739e+09	2.91