

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	8.12	23.53	6.63	39.10	1.00	2227.79	2636.46	88	fixed	23.53	6.63	39.10
Northern Source	Salix richardsonii	8.78	25.63	8.65	43.04	1.00	2896.61	3493.49	88	fixed	49.16	15.27	82.14
Southern Source	Salix richardsonii	7.17	48.27	34.47	62.45	1.00	2903.80	3805.95	88	fixed	71.80	41.10	101.55
Southern Garden	Salix richardsonii	8.01	29.47	13.98	45.29	1.00	3406.32	3583.08	88	fixed	53.00	20.61	84.39
Year	Salix richardsonii	7.29	7.29	0.16	26.20	1.00	1434.73	1615.78	88	random	7.29	0.16	26.20
Sigma	Salix richardsonii	1.53	19.46	16.73	22.72	1.00	4059.74	3394.58	88	residual	19.46	16.73	22.72
Intercept1	Salix pulchra	5.80	19.03	7.75	30.58	1.00	2552.02	2641.66	66	fixed	19.03	7.75	30.58
Northern Source1	Salix pulchra	7.03	20.26	6.11	33.92	1.00	3109.49	3707.39	66	fixed	39.29	13.87	64.50
Southern Source1	Salix pulchra	5.31	37.72	27.32	48.15	1.00	3002.17	3694.98	66	fixed	56.75	35.08	78.72
Southern Garden1	Salix pulchra	5.95	14.12	2.31	25.99	1.00	3307.69	3787.53	66	fixed	33.15	10.06	56.57
Year1	Salix pulchra	5.72	5.13	0.14	21.01	1.00	1683.94	2196.86	66	random	5.13	0.14	21.01
Sigma1	Salix pulchra	1.38	14.88	12.48	17.89	1.00	4462.43	4041.34	66	residual	14.88	12.48	17.89
Intercept2	Salix arctica	5.42	36.83	25.99	47.08	1.00	3057.24	3341.91	56	fixed	36.83	25.99	47.08
Northern Source2	Salix arctica	6.83	18.60	5.55	32.10	1.00	3289.16	4004.36	56	fixed	55.43	31.54	79.18
Southern Source2	Salix arctica	7.69	19.40	4.52	34.89	1.00	3408.05	3824.96	56	fixed	56.23	30.50	81.97
Southern Garden2	Salix arctica	7.67	12.37	-2.66	27.72	1.00	3441.84	4133.33	56	fixed	49.19	23.33	74.80
Sigma2	Salix arctica	1.83	18.66	15.48	22.75	1.00	4242.97	3939.26	56	residual	18.66	15.48	22.75