

Table.xxx BRMS model outputs: canopy heights of northern vs southern shrubs in source populations. Model structure per species: log(Canopy\_Height\_cm) ~ Site + (1|SampleYear). Including model output back-transformed 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	4.35	4.27	4.43	4.35	4.27	4.43	77.14	71.27	84.00	1.00	3140.54	2112.84	361	fixed
Northern source	Salix richardsonii	-0.68	-0.79	-0.58	3.66	3.48	3.85	39.05	32.45	47.15	1.00	6212.86	4394.96	361	fixed
Sample year	Salix richardsonii	0.05	0.00	0.17	0.05	0.00	0.17	1.05	1.00	1.19	1.00	1732.53	2202.55	361	random
Sigma	Salix richardsonii	0.46	0.43	0.50	0.46	0.43	0.50	1.59	1.54	1.65	1.00	6969.37	3385.39	361	residual
Intercept	Salix pulchra	4.27	4.16	4.41	4.27	4.16	4.41	71.72	64.30	82.16	1.00	1881.81	1310.63	379	fixed
Northern source	Salix pulchra	-0.87	-0.97	-0.77	3.40	3.19	3.64	30.03	24.30	38.13	1.00	4618.89	4030.10	379	fixed
Sample year	Salix pulchra	0.11	0.01	0.33	0.11	0.01	0.33	1.12	1.01	1.39	1.00	985.86	1180.76	379	random
Sigma	Salix pulchra	0.47	0.44	0.50	0.47	0.44	0.50	1.60	1.55	1.66	1.00	5678.64	4344.17	379	residual
Intercept	Salix arctica	1.77	1.39	2.16	1.77	1.39	2.16	5.85	4.02	8.63	1.00	1705.45	2106.42	150	fixed
Northern source	Salix arctica	0.13	-0.07	0.33	1.89	1.32	2.49	6.65	3.74	12.06	1.00	4127.30	3260.93	150	fixed
Sample year	Salix arctica	0.40	0.16	0.95	0.40	0.16	0.95	1.50	1.17	2.58	1.00	1481.82	2135.34	150	random
Sigma	Salix arctica	0.50	0.44	0.56	0.50	0.44	0.56	1.64	1.56	1.75	1.00	4544.10	3237.55	150	residual