

Table.xxx BRMS model outputs: max. stem diameter of northern vs southern shrubs in the common garden. Model structure per species: (log(max\_stem\_diameter) ~ population + (1|Sample\_age)). Model output back-transformed in the table below.

	Species	Estimate	Est. Error	Lower 95% CI (log)	Upper 95% CI (log)	Rhat	Bulk Effective Sample Size	Tail Effective Sample Size	Sample Size	Effect	95% CI Range (back transformed)	Lower 95% CI (back transformed)	Upper 95% CI (back transformed)
Intercept	Salix richardsonii	331.77	1.53	2.16	2.91	1.00	2910.03	3837.98	81	fixed	0.36	143.30	768.11
Southern Garden	Salix richardsonii	5.65	1.29	0.53	0.97	1.00	7469.33	6710.56	81	fixed	0.22	3.42	9.35
Sample age	Salix richardsonii	2.80	1.50	0.22	0.89	1.00	2728.75	4044.27	81	random	0.23	1.66	4.73
Sigma	Salix richardsonii	2.54	1.08	0.34	0.48	1.00	8263.84	7689.10	81	residual	0.06	2.21	2.93
Intercept	Salix pulchra	157.41	1.53	1.83	2.58	1.00	2166.52	3488.84	114	fixed	0.37	67.75	365.75
Southern Garden	Salix pulchra	4.27	1.21	0.47	0.79	1.00	7359.27	6874.65	114	fixed	0.16	2.92	6.25
Sample age	Salix pulchra	2.98	1.52	0.25	0.93	1.00	2536.15	4148.70	114	random	0.23	1.77	5.01
Sigma	Salix pulchra	2.49	1.07	0.35	0.46	1.00	7051.77	7270.29	114	residual	0.05	2.21	2.80
Intercept	Salix arctica	183.13	1.22	2.09	2.43	1.00	4863.26	3781.39	53	fixed	0.18	121.76	275.44
Southern Garden	Salix arctica	0.90	1.22	-0.22	0.12	1.00	9972.05	8326.59	53	fixed	0.17	0.61	1.32
Sample age	Salix arctica	1.23	1.24	0.00	0.35	1.00	2837.47	4131.35	53	random	0.09	1.01	1.51
Sigma	Salix arctica	2.05	1.08	0.26	0.38	1.00	10495.29	8059.01	53	residual	0.06	1.80	2.33