

Table.xxx BRMS model outputs: Growing season length northern vs southern willows in common garden and source populations. Model structure per species: Growing season length ~ population + (1|year). Data scaled to center on 0.

	Species	Estimate (scaled)	Lower 95% CI (scaled)	Upper 95% CI (scaled)	Rhat	Bulk Effective Sample Size	Tail Effective Sample Size	Effect	Error	Sample Size	Estimate (backscaled)	Lower 95% CI (backscaled)	Upper 95% CI (backscaled)
Intercept	Salix richardsonii	-16.43	-25.57	-7.16	1.00	3894.37	3990.44	34	fixed	47.27	4.65	38.13	56.54
Northern Source	Salix richardsonii	-6.72	-27.54	14.62	1.00	4347.58	3640.80	34	fixed	40.56	10.89	10.60	71.16
Southern Garden	Salix richardsonii	33.29	21.61	45.09	1.00	4177.30	4331.59	34	fixed	80.56	5.84	59.74	101.64
Southern Source	Salix richardsonii	6.31	-8.16	20.51	1.00	4291.23	4062.50	34	fixed	53.58	7.21	29.97	77.05
Sigma	Salix richardsonii	14.03	10.86	18.36	1.00	4531.56	3664.20	34	residual	77.74	1.92	74.57	82.06
Intercept	Salix pulchra	-8.03	-19.74	3.50	1.00	3089.37	3001.94	28	fixed	55.40	5.78	43.69	66.93
Northern Source	Salix pulchra	-5.37	-26.66	15.37	1.00	3625.34	3608.87	28	fixed	50.03	10.58	17.03	82.31
Southern Garden	Salix pulchra	20.69	8.91	32.52	1.00	4416.82	4172.89	28	fixed	76.09	6.03	52.60	99.45
Southern Source	Salix pulchra	-3.43	-20.88	14.17	1.00	4254.67	3543.83	28	fixed	51.97	8.70	22.81	81.11
Year	Salix pulchra	5.01	0.13	17.67	1.00	1826.10	2288.78	28	random	68.44	4.83	63.56	81.09
Sigma	Salix pulchra	13.34	10.01	18.03	1.00	5117.36	4007.57	28	residual	76.77	2.07	73.44	81.46
Intercept	Salix arctica	15.79	1.60	30.06	1.00	2331.88	3066.69	120	fixed	66.90	7.29	52.71	81.16
Northern Source	Salix arctica	-19.63	-31.43	-7.59	1.00	3797.55	3797.30	120	fixed	47.27	6.07	19.68	73.57
Southern Garden	Salix arctica	19.40	6.33	32.72	1.00	4054.12	4408.54	120	fixed	86.29	6.72	57.44	113.89
Year	Salix arctica	12.37	6.86	21.80	1.00	1800.76	3284.27	120	random	63.47	3.94	57.96	72.91
Sigma	Salix arctica	11.84	10.39	13.55	1.00	4991.32	3707.27	120	residual	62.95	0.80	61.50	64.66