

Table.xxx BRMS model outputs: Leaf yellowing day of year for northern garden, northern source, southern garden and southern source populations. Scaled to center on zero and transformed output in the table below.

	Species	Estimate (centred)	Lower 95% CI (centred)	Upper 95% CI (centred)	Estimate (transformed)	Lower 95% CI (transformed)	Upper 95% CI (transformed)	Rhat	Bulk Effective Sample Size	Tail Effective Sample Size	Effect	Sample Size
Intercept	Salix richardsonii	-16.59	-28.32	-2.77	194.05	182.31	207.87	1.00	2536.35	2240.50	fixed	49
Northern Source	Salix richardsonii	9.78	-4.57	24.30	203.83	177.74	232.16	1.00	3583.51	4064.39	fixed	49
Southern Garden	Salix richardsonii	28.90	19.47	38.45	222.95	201.79	246.32	1.00	3667.24	3561.70	fixed	49
Southern Source	Salix richardsonii	15.86	3.20	28.29	209.91	185.51	236.15	1.00	4059.64	3909.52	fixed	49
Year	Salix richardsonii	6.73	0.20	24.99	217.37	210.83	235.62	1.00	1471.82	1843.11	random	49
Sigma	Salix richardsonii	13.15	10.70	16.29	223.78	221.34	226.92	1.00	3904.69	3547.21	residual	49
Intercept	Salix pulchra	-9.29	-23.20	8.68	197.95	184.04	215.92	1.00	2054.66	1641.71	fixed	29
Northern Source	Salix pulchra	10.69	-7.76	28.98	208.64	176.28	244.90	1.00	3154.97	3787.39	fixed	29
Southern Garden	Salix pulchra	23.21	6.36	39.12	221.17	190.40	255.04	1.00	3869.86	2870.42	fixed	29
Southern Source	Salix pulchra	22.41	6.09	37.86	220.36	190.13	253.78	1.00	3998.82	4274.09	fixed	29
Year	Salix pulchra	8.46	0.26	28.12	215.70	207.50	235.36	1.00	1618.37	2308.28	random	29
Sigma	Salix pulchra	15.81	11.91	21.20	223.05	219.15	228.44	1.00	3591.07	4390.74	residual	29
Intercept	Salix arctica	-8.07	-17.21	1.28	197.86	188.72	207.21	1.00	3001.96	3678.45	fixed	141
Northern Source	Salix arctica	7.68	-1.11	16.42	205.54	187.61	223.63	1.00	3767.18	3919.17	fixed	141
Southern Garden	Salix arctica	18.58	10.11	27.22	216.44	198.82	234.43	1.00	4627.85	4251.88	fixed	141
Year	Salix arctica	6.50	3.14	12.22	212.43	209.07	218.15	1.00	1831.51	2725.42	random	141
Sigma	Salix arctica	11.02	9.79	12.44	216.95	215.72	218.37	1.00	5386.04	4352.42	residual	141