

Table.xxx BRMS model outputs: leaf area by northern garden, northern source, southern garden and southern source populations. Log transformed output 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 | 1.64 | 0.05 | 3.17 | 1.64 | 0.05 | 3.17 | 5.16 | 1.05 | 23.88 | 1.00 | 1620.27 | 2032.55 | 170 | fixed |
| Northern Source | Salix richardsonii | 1.50 | 1.20 | 1.79 | 3.14 | 1.24 | 4.96 | 23.19 | 3.47 | 143.22 | 1.00 | 3613.90 | 3426.35 | 170 | fixed |
| Southern Source | Salix richardsonii | 1.05 | 0.79 | 1.29 | 2.69 | 0.83 | 4.46 | 14.67 | 2.30 | 86.78 | 1.00 | 3509.60 | 2975.77 | 170 | fixed |
| Southern Garden | Salix richardsonii | 1.00 | 0.81 | 1.20 | 2.64 | 0.85 | 4.37 | 14.04 | 2.35 | 79.40 | 1.00 | 3838.70 | 3745.79 | 170 | fixed |
| Year | Salix richardsonii | 1.75 | 0.84 | 3.69 | 1.75 | 0.84 | 3.69 | 5.73 | 2.32 | 40.14 | 1.00 | 1425.84 | 2501.49 | 170 | random |
| Sigma | Salix richardsonii | 0.36 | 0.33 | 0.41 | 0.36 | 0.33 | 0.41 | 1.44 | 1.39 | 1.50 | 1.00 | 4493.83 | 3382.68 | 170 | residual |
| Intercept1 | Salix pulchra | 1.21 | -0.52 | 2.82 | 1.21 | -0.52 | 2.82 | 3.34 | 0.60 | 16.78 | 1.00 | 1627.32 | 2165.60 | 156 | fixed |
| Northern Source1 | Salix pulchra | 1.37 | 1.02 | 1.71 | 2.58 | 0.50 | 4.53 | 13.13 | 1.65 | 92.87 | 1.00 | 3197.20 | 3215.14 | 156 | fixed |
| Southern Source1 | Salix pulchra | 0.95 | 0.66 | 1.24 | 2.16 | 0.15 | 4.06 | 8.64 | 1.16 | 58.11 | 1.00 | 3369.01 | 3472.73 | 156 | fixed |
| Southern Garden1 | Salix pulchra | 0.63 | 0.41 | 0.87 | 1.84 | -0.11 | 3.69 | 6.31 | 0.89 | 39.90 | 1.00 | 4091.48 | 3697.99 | 156 | fixed |
| Year1 | Salix pulchra | 1.85 | 0.91 | 3.88 | 1.85 | 0.91 | 3.88 | 6.34 | 2.50 | 48.29 | 1.00 | 1367.42 | 2180.60 | 156 | random |
| Sigma1 | Salix pulchra | 0.43 | 0.38 | 0.48 | 0.43 | 0.38 | 0.48 | 1.54 | 1.47 | 1.62 | 1.00 | 4653.97 | 3850.83 | 156 | residual |
| Intercept2 | Salix arctica | 1.93 | -0.11 | 3.98 | 1.93 | -0.11 | 3.98 | 6.90 | 0.90 | 53.36 | 1.00 | 2113.38 | 2486.04 | 117 | fixed |
| Northern Source2 | Salix arctica | 1.54 | 0.97 | 2.10 | 3.47 | 0.86 | 6.08 | 32.20 | 2.36 | 437.41 | 1.00 | 3313.62 | 4201.91 | 117 | fixed |
| Southern Source2 | Salix arctica | -0.10 | -0.65 | 0.44 | 1.84 | -0.76 | 4.42 | 6.28 | 0.47 | 82.81 | 1.00 | 3312.59 | 3942.02 | 117 | fixed |
| Southern Garden2 | Salix arctica | 0.29 | -0.21 | 0.77 | 2.22 | -0.32 | 4.75 | 9.21 | 0.73 | 115.58 | 1.00 | 4261.37 | 3659.53 | 117 | fixed |
| Year2 | Salix arctica | 2.14 | 1.02 | 4.48 | 2.14 | 1.02 | 4.48 | 8.52 | 2.76 | 88.55 | 1.00 | 1748.43 | 3010.10 | 117 | random |
| Sigma2 | Salix arctica | 0.62 | 0.55 | 0.71 | 0.62 | 0.55 | 0.71 | 1.86 | 1.73 | 2.04 | 1.00 | 4109.93 | 3257.31 | 117 | residual |