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. Data scaled to center on 0.

| ·                  | Estimate | Est.  | Lower 95% CI | Upper 95% CI | Rhat | Bulk Effective Sample | Tail Effective Sample | Effect   | Sample | Species               |
|--------------------|----------|-------|--------------|--------------|------|-----------------------|-----------------------|----------|--------|-----------------------|
|                    |          | Error | (log)        | (log)        |      | Size                  | Size                  |          | Size   | •                     |
| Intercept          | 53.31    | 6.97  | 38.65        | 67.82        | 1    | 2212.84               | 1652.07               | fixed    | 21     | Salix<br>richardsonii |
| Northern<br>Source | -5.18    | 11.70 | -28.14       | 19.15        | 1    | 2684.80               | 2507.82               | fixed    | 21     | Salix<br>richardsonii |
| Southern<br>Garden | 24.41    | 4.82  | 14.93        | 33.93        | 1    | 3700.64               | 3782.04               | fixed    | 21     | Salix<br>richardsonii |
| Southern<br>Source | -8.31    | 5.48  | -19.22       | 2.58         | 1    | 4451.17               | 3630.64               | fixed    | 21     | Salix<br>richardsonii |
| Year               | 7.73     | 7.63  | 0.27         | 28.40        | 1    | 1349.82               | 2470.69               | random   | 21     | Salix<br>richardsonii |
| Sigma              | 8.22     | 1.57  | 5.82         | 11.86        | 1    | 3919.60               | 3624.45               | residual | 21     | Salix<br>richardsonii |
| Intercept          | 50.16    | 7.78  | 34.93        | 64.96        | 1    | 3169.71               | 2788.64               | fixed    | 14     | Salix pulchra         |
| Northern<br>Source | -5.67    | 14.91 | -34.49       | 23.18        | 1    | 4029.13               | 3270.99               | fixed    | 14     | Salix pulchra         |
| Southern<br>Garden | 21.08    | 9.83  | 1.54         | 40.47        | 1    | 4549.18               | 3932.59               | fixed    | 14     | Salix pulchra         |
| Southern<br>Source | -1.46    | 12.56 | -25.81       | 23.87        | 1    | 3845.43               | 3051.61               | fixed    | 14     | Salix pulchra         |
| Year               | 5.58     | 5.22  | 0.19         | 17.80        | 1    | 2309.16               | 2004.07               | random   | 14     | Salix pulchra         |
| Sigma              | 14.66    | 3.21  | 9.86         | 22.38        | 1    | 3848.34               | 3841.35               | residual | 14     | Salix pulchra         |
| Intercept          | 59.10    | 10.28 | 39.05        | 80.78        | 1    | 1916.75               | 1420.72               | fixed    | 14     | Salix arctica         |
| Northern<br>Source | -7.37    | 15.13 | -40.52       | 21.91        | 1    | 2061.38               | 1591.25               | fixed    | 14     | Salix arctica         |
| Southern<br>Garden | 16.57    | 6.73  | 3.60         | 29.56        | 1    | 3551.39               | 3399.04               | fixed    | 14     | Salix arctica         |
| Year               | 8.36     | 7.82  | 0.27         | 28.21        | 1    | 1892.08               | 2457.90               | random   | 14     | Salix arctica         |
| Sigma              | 10.30    | 2.47  | 6.73         | 16.20        | 1    | 2999.39               | 3066.52               | residual | 14     | Salix arctica         |