|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **South** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Model** | **Int** | **s(Ages)** | **Ann**  **FSL** | **Summ FSL** | **Aut FSL** | **Spr FSL** | **Jan**  **FSL** | **Apr FSL** | **May FSL** | **Oct FSL** | **Ann SST** | **Jun SST** |  | **df** | **logLik** | **AICc** | **Delta**  **AICc** | **weight** |
| **1** | 13.78 | + | 11.69 | 4.78 | -4.99 | -1.74 | -2.24 | 2.99 | -0.12 | -4.45 | - | - |  | 13 | -2249.3 | 4525.05 | 0 | 0.14 |
| **2** | 6.16 | + | 10.64 | 4.03 | -4.62 | -1.89 | -1.6 | 2.68 | -0.18 | -4.37 | 0.47 | - |  | 14 | -2248.6 | 4525.76 | 0.71 | 0.1 |
| **3** | 9.42 | + | 10.8 | 4.01 | -6.32 | -1.72 | -1.81 | 2.74 | 0.37 | -3.44 | - | 0.3 |  | 14 | -2249.1 | 4526.67 | 1.62 | 0.06 |
| **4** | 13.8 | + | 11.66 | 4.8 | -5.19 | -1.74 | -2.26 | 3.05 | - | -4.45 | - | - |  | 12 | -2251.6 | 4527.6 | 2.56 | 0.04 |
| **5** | 13.73 | + | 12.12 | 2.36 | -4.82 | -2.05 | - | 3.19 | -0.61 | -4.16 | - | - |  | 12 | -2251.6 | 4527.62 | 2.58 | 0.04 |
| **6** | 4.49 | + | 10.19 | 3.6 | -5.73 | -1.84 | -1.4 | 2.56 | 0.22 | -3.6 | 0.37 | 0.23 |  | 15 | -2248.6 | 4527.81 | 2.77 | 0.04 |
| **7** | 5.45 | + | 10.85 | 2.31 | -4.47 | -2.12 | - | 2.79 | -0.52 | -4.16 | 0.51 | - |  | 13 | -2250.9 | 4528.11 | 3.06 | 0.03 |
| **8** | 13.36 | + | 12.26 | 5.05 | -0.35 | -1.65 | -2.4 | - | -1.55 | -4.77 | - | - |  | 12 | -2251.9 | 4528.17 | 3.13 | 0.03 |
| **9** | 6.19 | + | 10.6 | 4.07 | -4.91 | -1.89 | -1.62 | 2.77 | - | -4.38 | 0.47 | - |  | 13 | -2251 | 4528.32 | 3.27 | 0.03 |
| **10** | 5.45 | + | 11.11 | 4.25 | -0.46 | -1.81 | -1.71 | - | -1.46 | -4.65 | 0.49 | - |  | 13 | -2251.2 | 4528.78 | 3.73 | 0.02 |
| **West** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Model** | **Int** | **s(Ages)** | **Ann**  **FSL** | **Spr FSL** | **Apr FSL** | **Ann SST** | **Summ SST** | **Win SST** | **Spr SST** | **Jun SST** | **Jul SST** | **Sep SST** | **Oct**  **SST** | **df** | **logLik** | **AICc** | **Delta**  **AICc** | **weight** |
| **1** | -10.71 | + | -8.59 | 7.02 | 4.21 | 2.08 | - | - | -1.46 | - | - | 0.75 | - | 11 | -3291.65 | 6605.52 | 0.00 | 0.05 |
| **2** | -10.54 | + | -8.44 | 7.10 | 4.13 | 2.22 | - | - | -2.26 | - | - | 0.92 | 0.48 | 12 | -3290.96 | 6606.19 | 0.67 | 0.04 |
| **3** | -8.58 | + | -6.94 | 5.70 | 4.31 | 2.01 | - | - | -0.78 | - | - | - | - | 10 | -3293.23 | 6606.64 | 1.12 | 0.03 |
| **4** | -14.24 | + | -7.77 | 6.29 | 3.66 | 2.11 | 0.26 | - | -1.54 | - | - | 0.71 | - | 12 | -3291.51 | 6607.29 | 1.77 | 0.02 |
| **5** | -10.14 | + | -8.74 | 7.15 | 4.32 | 2.11 | - | -0.14 | -1.45 | - | - | 0.82 | - | 12 | -3291.54 | 6607.35 | 1.83 | 0.02 |
| **6** | -7.26 | + | -5.88 | 5.45 | 2.87 | 1.25 | - | - | - | - | - | - | - | 9 | -3294.60 | 6607.36 | 1.83 | 0.02 |
| **7** | -8.04 | + | -7.45 | 6.56 | 3.88 | 1.68 | - | -0.72 | -1.07 | - | 0.53 | 0.83 | - | 13 | -3290.75 | 6607.81 | 2.29 | 0.02 |
| **8** | -14.28 | + | -7.57 | 6.32 | 3.55 | 2.26 | 0.27 | - | -2.36 | - | - | 0.88 | 0.49 | 13 | -3290.79 | 6607.89 | 2.37 | 0.02 |
| **9** | -10.78 | + | -8.14 | 6.76 | 3.99 | 1.95 | - | - | -1.39 | - | 0.13 | 0.70 | - | 12 | -3291.84 | 6607.95 | 2.43 | 0.02 |
| **10** | -13.26 | + | -6.02 | 4.86 | 3.61 | 2.05 | 0.33 | - | -0.92 | - | - | - | - | 11 | -3292.91 | 6608.05 | 2.52 | 0.01 |