Supplemental Table S3

Candidate models describing nest-site selection of five forest dwelling passerines on Navarino Island, Chile, 2014-2017. The habitat variables we tested included canopy cover, canopy height, understory cover, and understory height. Models are ranked by AICc, with the best supported model given in bold (i.e., the model with lowest AICc).

*Elaenia albiceps*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Model**  | **K** | **LL** | **AICc** | **ΔAICc** | **Weight** |
| **~ Canopy height**  |  **2**  | **-28.77** | **61.7**  | **0.00**  | **0.203** |
| ~ Canopy height + understory height  |  3  | -28.11 | 62.8  | 1.12  | 0.116 |
| ~ Canopy height + canopy cover | 3  | -28.25 | 63.1  | 1.38  | 0.101 |
| ~ Intercept | 1  | -30.50 | 63.1  | 1.39  | 0.101 |
| ~ Canopy height + canopy cover + understory height | 4  | -27.30 | 63.6  | 1.92  | 0.078 |
| ~ Canopy height + understory cover  | 3  | -28.66 | 63.8  | 2.23  | 0.067 |
| ~ Understory height  | 2  | -29.82 | 63.9  | 2.24  | 0.066 |
| ~ Canopy height + canopy cover + understory cover | 4  | -27.51 | 64.0  | 2.34  | 0.063 |
| ~ Understory cover | 2  | -30.36 | 65.0  | 3.31  | 0.039 |
| ~ Canopy height + understory height + understory cover | 4  | -28.11 | 65.2  | 3.54  | 0.035 |
| ~ Canopy cover  | 2  | -30.50 | 65.3  | 3.58  | 0.034 |
| ~ Canopy height + canopy cover + understory height + understory cover | 5  | -26.86 | 65.3  | 3.60  | 0.034 |
| ~ Canopy cover + understory height | 3  | -29.76 | 66.1  | 4.42  | 0.022 |
| ~ Understory height + understory cover | 3  | -29.81 | 66.2  | 4.52  | 0.021 |
| ~ Canopy cover + understory cover | 3  | -30.25 | 67.1  | 5.38  | 0.014 |
| ~ Canopy cover + understory height + understory cover | 4  | -29.66 | 68.3  | 6.63  | 0.007 |

*Zonotrichia capensis*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Model**  | **K** | **LL** | **AICc** | **ΔAICc** | **Weight** |
| **~ Understory cover**  | **2**  | **-42.21** | **88.6**  | **0.00**  | **0.303** |
| ~ Understory cover + understory height  |  3 | -41.79 | 90.0  | 1.36  | 0.153 |
| ~ Understory cover + canopy height  | 3 | -42.07 | 90.5  | 1.93  | 0.116 |
| ~ Understory cover + canopy cover | 3  | -42.13 | 90.7  | 2.05  | 0.109 |
| ~ Understory cover + canopy height + canopy cover  | 4  | -41.65 | 92.0  | 3.36  | 0.056 |
| ~ Understory cover + understory height + canopy height  | 4  | -41.71 | 92.1  | 3.48  | 0.053 |
| ~ Understory cover + understory height + canopy cover  | 4  | -41.75 | 92.1  | 3.54 | 0.052 |
| ~ Understory height | 2  | -44.24 | 92.7  | 4.06 | 0.040 |
| ~ Intercept | 1  | -45.76 | 93.6  | 4.95  | 0.025 |
| ~ Understory cover + understory height + canopy height + canopy cover | 5  | -41.45 | 93.9  | 5.30  | 0.021 |
| ~ Understory height + canopy cover | 3  | -44.06 | 94.5  | 5.90  | 0.016 |
| ~ Understory height + canopy height | 3  | -44.19 | 94.8  | 6.16  | 0.014 |
| ~ Canopy cover | 2  | -45.36  | 94.9 | 6.30  | 0.013 |
| ~ Canopy height + canopy cover | 3  | -44.42 | 95.2  | 6.62  | 0.011 |
| ~ Canopy height | 2  | -45.59 | 95.4  | 6.76  | 0.010 |
| ~ Understory height + canopy height + canopy cover | 4  | -43.65 | 96.0  | 7.35  | 0.008 |

*Phrygilus patagonicus*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Model**  | **K** | **LL** | **AICc** | **ΔAICc** | **Weight** |
| **~ Understory cover + understory height**  | **3**  | **-18.84** | **44.5**  | **0.00**  | **0.283** |
| ~ Understory cover | 2  | -20.85 | 46.1  | 1.61  | 0.127 |
| ~ Understory cover + understory height + canopy cover | 4  | -18.60  | 46.6 | 2.11  | 0.098 |
| ~ Understory cover + understory height + canopy height | 4  | -18.68  | 46.7 | 2.25  | 0.092 |
| ~ Understory height | 2  | -21.41 | 47.2  | 2.72  | 0.073 |
| ~ Understory cover + canopy cover | 3  | -20.23 | 47.3  | 2.79 | 0.070 |
| ~ Understory cover + canopy height  | 3  | -20.32  | 47.4 | 2.97  | 0.064 |
| ~ Understory height + canopy cover | 3  | -21.08 | 49.0  | 4.48 | 0.030 |
| ~ Understory cover + understory height + canopy cover + canopy height | 5  | -18.49  | 49.1 | 4.64  | 0.028 |
| ~ Understory cover + canopy cover + canopy height | 4  | -19.88 | 49.1  | 4.66 | 0.028 |
| ~ Intercept | 1  | -23.57 | 49.3  | 4.78 | 0.026 |
| ~ Understory height + canopy height | 3  | -21.25 | 49.3  | 4.83  | 0.025 |
| ~ Canopy cover | 2  | -22.56 | 49.5  | 5.04  | 0.023 |
| ~ Canopy height | 2  | -23.01 | 50.4  | 5.93  | 0.015 |
| ~ Canopy cover + canopy height | 3  | -22.25 | 51.3  | 6.82  | 0.009 |
| ~ Understory height + canopy cover + canopy height | 4  | -20.98 | 51.3  | 6.86  | 0.009 |

*Turdus falcklandii*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Model**  | **K** | **LL** | **AICc** | **ΔAICc** | **Weight** |
| **~ Intercept**  | **1**  | **-11.09** | **24.5**  | **0.00**  | **0.339** |
| ~ Understory cover | 2  | -10.67 | 26.3  | 1.79  | 0.139 |
| ~ Canopy cover  | 2  | -10.72 | 26.4  | 1.89  | 0.132 |
| ~ Understory height | 2  | -11.02 | 27.0 | 2.49  | 0.098 |
| ~ Canopy height | 2  | -11.05 | 27.0  | 2.56  | 0.094 |
| ~ Understory cover + canopy cover | 3  | -10.56 | 29.1  | 4.64  | 0.033 |
| ~ Understory cover + canopy height | 3  | -10.60  | 29.2 | 4.73  | 0.032 |
| ~ Understory cover + understory height | 3  | -10.66 | 29.3  | 4.85  | 0.030 |
| ~ Canopy cover + canopy height  | 3  | -10.66  | 29.3  | 4.85 | 0.030 |
| ~ Understory height + canopy cover  | 3  | -10.70 | 29.4  | 4.93  | 0.029 |
| ~ Understory height + canopy height | 3  | -11.01 | 30.0  | 5.55  | 0.021 |
| ~ Understory cover + canopy cover + canopy height | 4  | -10.32 | 32.3  | 7.82 | 0.007 |
| ~ Understory cover + understory height + canopy cover  | 4  | -10.55 | 32.7 | 8.27  | 0.005 |
| ~ Understory height + canopy cover + canopy height  | 4  | -10.59  | 32.8 | 8.34  | 0.005 |
| ~ Understory cover + understory height + canopy height | 4  | -10.60 | 32.8  | 8.36 | 0.005 |
| ~ Understory cover + understory height + canopy cover + canopy height  | 5  | -10.32 | 36.6 | 12.17  | 0.001 |

*Anairetes parulus*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Model**  | **K** | **LL** | **AICc** | **ΔAICc** | **Weight** |
| **~ Understory cover + understory height + canopy height**  | **4**  | **-16.78** | **43.0**  | **0.00**  | **0.170** |
| ~ Understory cover | 2  | -19.33 | 43.1  | 0.04  | 0.166 |
| ~ Understory cover + understory height  | 3  | -18.22 | 43.3  | 0.27  | 0.148 |
| ~ Understory cover+ canopy height  | 3  | -18.67 | 44.2  | 1.15  | 0.095 |
| ~ Understory cover + understory height+ canopy height + canopy cover  | 5  | -16.02 | 44.3  | 1.30  | 0.089 |
| ~ Understory cover + canopy cover  | 3  | -19.10 | 45.1  | 2.02  | 0.062 |
| ~ Understory height + canopy height  | 3  | -19.31 | 45.5  | 2.45  | 0.050 |
| ~ Understory cover + understory height + canopy cover | 4  | -18.01 | 45.5  | 2.47  | 0.049 |
| ~ Understory cover + canopy height + canopy cover  | 4  | -18.11 | 45.7  | 2.67  | 0.045 |
| ~ Intercept | 1  | -22.18 | 46.5  | 3.46  | 0.030 |
| ~ Canopy height  | 2  | -21.10 | 46.6  | 3.57  | 0.028 |
| ~ Understory height | 2 | -21.40 | 47.2  | 4.18  | 0.021 |
| ~ Understory height + canopy height+ canopy cover  | 4  | -18.97 | 47.4  | 4.40  | 0.019 |
| ~ Canopy height + canopy cover | 3  | -20.86 | 48.6  | 5.54  | 0.011 |
| ~ Canopy cover | 2  | -22.16  | 48.7 | 5.70  | 0.010 |
| ~ Understory height+ canopy cover | 3  | -21.38 | 49.6 | 6.59  | 0.006 |