| mod\_name | AICc | delta | model\_df | deviance | d2 | residual\_df | lr\_chisq | chisq\_df | p\_value\_chisq | lr\_signif | best\_model\_candidate | best\_model |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| null | 259.62 | 176.45 | 4 | 251.36 | 1.00 | 155 | 0.00 | 0 | 1 |  | FALSE | FALSE |
| guild | 145.47 | 62.29 | 6 | 132.91 | 0.47 | 153 | 118.45 | 2 | 0 | \*\*\* | FALSE | FALSE |
| guild + elevation | 147.61 | 64.43 | 7 | 132.86 | 0.47 | 152 | 118.50 | 3 | 0 | \*\*\* | FALSE | FALSE |
| guild \* elevation | 134.38 | 51.20 | 9 | 115.17 | 0.54 | 150 | 136.20 | 5 | 0 | \*\*\* | FALSE | FALSE |
| guild + region | 149.18 | 66.01 | 8 | 132.22 | 0.47 | 151 | 119.14 | 4 | 0 | \*\*\* | FALSE | FALSE |
| guild \* region | 130.00 | 46.82 | 12 | 103.86 | 0.59 | 147 | 147.50 | 8 | 0 | \*\*\* | FALSE | FALSE |
| guild + season | 147.65 | 64.48 | 7 | 132.91 | 0.47 | 152 | 118.45 | 3 | 0 | \*\*\* | FALSE | FALSE |
| guild \* season | 145.27 | 62.09 | 9 | 126.06 | 0.50 | 150 | 125.30 | 5 | 0 | \*\*\* | FALSE | FALSE |
| guild + elevation + region | 151.39 | 68.22 | 9 | 132.18 | 0.47 | 150 | 119.18 | 5 | 0 | \*\*\* | FALSE | FALSE |
| guild \* elevation + region | 138.83 | 55.66 | 11 | 115.03 | 0.54 | 148 | 136.33 | 7 | 0 | \*\*\* | FALSE | FALSE |
| guild + elevation \* region | 134.10 | 50.93 | 15 | 100.75 | 0.60 | 144 | 150.62 | 11 | 0 | \*\*\* | FALSE | FALSE |
| guild \* elevation \* region | 83.17 | 0.00 | 21 | 34.43 | 0.86 | 138 | 216.93 | 17 | 0 | \*\*\* | TRUE | TRUE |
| guild + elevation + season | 149.82 | 66.65 | 8 | 132.86 | 0.47 | 151 | 118.50 | 4 | 0 | \*\*\* | FALSE | FALSE |
| guild \* elevation + season | 136.65 | 53.48 | 10 | 115.17 | 0.54 | 149 | 136.20 | 6 | 0 | \*\*\* | FALSE | FALSE |
| guild + elevation \* season | 149.76 | 66.59 | 11 | 125.97 | 0.50 | 148 | 125.39 | 7 | 0 | \*\*\* | FALSE | FALSE |
| guild \* elevation \* season | 135.08 | 51.91 | 15 | 101.72 | 0.60 | 144 | 149.64 | 11 | 0 | \*\*\* | FALSE | FALSE |
| guild + region + season | 151.43 | 68.26 | 9 | 132.22 | 0.47 | 150 | 119.14 | 5 | 0 | \*\*\* | FALSE | FALSE |
| guild \* region + season | 132.35 | 49.18 | 13 | 103.84 | 0.59 | 146 | 147.52 | 9 | 0 | \*\*\* | FALSE | FALSE |
| guild + region \* season | 153.62 | 70.45 | 13 | 125.11 | 0.50 | 146 | 126.25 | 9 | 0 | \*\*\* | FALSE | FALSE |
| guild \* region \* season | 138.31 | 55.14 | 21 | 89.57 | 0.64 | 138 | 161.80 | 17 | 0 | \*\*\* | FALSE | FALSE |
| guild + elevation + region + season | 153.67 | 70.49 | 10 | 132.18 | 0.47 | 149 | 119.18 | 6 | 0 | \*\*\* | FALSE | FALSE |
| guild \* elevation + region + season | 141.17 | 58.00 | 12 | 115.03 | 0.54 | 147 | 136.33 | 8 | 0 | \*\*\* | FALSE | FALSE |
| guild + elevation \* region + season | 136.57 | 53.40 | 16 | 100.74 | 0.60 | 143 | 150.62 | 12 | 0 | \*\*\* | FALSE | FALSE |
| guild + elevation + region \* season | 158.26 | 75.09 | 15 | 124.91 | 0.50 | 144 | 126.46 | 11 | 0 | \*\*\* | FALSE | FALSE |
| guild \* elevation \* region + season | 85.86 | 2.69 | 22 | 34.42 | 0.86 | 137 | 216.94 | 18 | 0 | \*\*\* | FALSE | FALSE |
| guild \* elevation + region \* season | 144.84 | 61.66 | 19 | 101.37 | 0.60 | 140 | 149.99 | 15 | 0 | \*\*\* | FALSE | FALSE |
| guild + elevation \* region \* season | 150.84 | 67.67 | 27 | 85.30 | 0.66 | 132 | 166.06 | 23 | 0 | \*\*\* | FALSE | FALSE |
| guild \* elevation \* region \* season | 98.28 | 15.10 | 39 | -5.94 | 1.02 | 120 | 257.31 | 35 | 0 | \*\*\* | FALSE | FALSE |