| 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 | 188.35 | 160.10 | 4 | 180.09 | 1.00 | 155 | 0.00 | 0 | 1 |  | FALSE | FALSE |
| guild | 65.55 | 37.30 | 6 | 53.00 | 0.71 | 153 | 127.10 | 2 | 0 | \*\*\* | FALSE | FALSE |
| guild + elevation | 64.43 | 36.18 | 7 | 49.69 | 0.72 | 152 | 130.40 | 3 | 0 | \*\*\* | FALSE | FALSE |
| guild \* elevation | 60.56 | 32.31 | 9 | 41.36 | 0.77 | 150 | 138.74 | 5 | 0 | \*\*\* | FALSE | FALSE |
| guild + region | 66.21 | 37.96 | 8 | 49.25 | 0.73 | 151 | 130.84 | 4 | 0 | \*\*\* | FALSE | FALSE |
| guild \* region | 46.19 | 17.94 | 12 | 20.05 | 0.89 | 147 | 160.04 | 8 | 0 | \*\*\* | FALSE | FALSE |
| guild + season | 67.39 | 39.14 | 7 | 52.65 | 0.71 | 152 | 127.44 | 3 | 0 | \*\*\* | FALSE | FALSE |
| guild \* season | 67.46 | 39.21 | 9 | 48.25 | 0.73 | 150 | 131.84 | 5 | 0 | \*\*\* | FALSE | FALSE |
| guild + elevation + region | 67.13 | 38.88 | 9 | 47.92 | 0.73 | 150 | 132.17 | 5 | 0 | \*\*\* | FALSE | FALSE |
| guild \* elevation + region | 63.99 | 35.74 | 11 | 40.20 | 0.78 | 148 | 139.89 | 7 | 0 | \*\*\* | FALSE | FALSE |
| guild + elevation \* region | 51.36 | 23.11 | 15 | 18.00 | 0.90 | 144 | 162.09 | 11 | 0 | \*\*\* | FALSE | FALSE |
| guild \* elevation \* region | 28.25 | 0.00 | 21 | -20.49 | 1.11 | 138 | 200.58 | 17 | 0 | \*\*\* | TRUE | FALSE |
| guild + elevation + season | 66.13 | 37.88 | 8 | 49.17 | 0.73 | 151 | 130.93 | 4 | 0 | \*\*\* | FALSE | FALSE |
| guild \* elevation + season | 62.21 | 33.96 | 10 | 40.72 | 0.77 | 149 | 139.37 | 6 | 0 | \*\*\* | FALSE | FALSE |
| guild + elevation \* season | 68.48 | 40.23 | 11 | 44.68 | 0.75 | 148 | 135.41 | 7 | 0 | \*\*\* | FALSE | FALSE |
| guild \* elevation \* season | 64.71 | 36.45 | 15 | 31.35 | 0.83 | 144 | 148.74 | 11 | 0 | \*\*\* | FALSE | FALSE |
| guild + region + season | 67.86 | 39.61 | 9 | 48.66 | 0.73 | 150 | 131.44 | 5 | 0 | \*\*\* | FALSE | FALSE |
| guild \* region + season | 48.13 | 19.88 | 13 | 19.62 | 0.89 | 146 | 160.47 | 9 | 0 | \*\*\* | FALSE | FALSE |
| guild + region \* season | 72.44 | 44.18 | 13 | 43.92 | 0.76 | 146 | 136.17 | 9 | 0 | \*\*\* | FALSE | FALSE |
| guild \* region \* season | 52.07 | 23.81 | 21 | 3.32 | 0.98 | 138 | 176.77 | 17 | 0 | \*\*\* | FALSE | FALSE |
| guild + elevation + region + season | 68.74 | 40.49 | 10 | 47.26 | 0.74 | 149 | 132.83 | 6 | 0 | \*\*\* | FALSE | FALSE |
| guild \* elevation + region + season | 65.59 | 37.34 | 12 | 39.45 | 0.78 | 147 | 140.64 | 8 | 0 | \*\*\* | FALSE | FALSE |
| guild + elevation \* region + season | 53.34 | 25.09 | 16 | 17.51 | 0.90 | 143 | 162.58 | 12 | 0 | \*\*\* | FALSE | FALSE |
| guild + elevation + region \* season | 75.76 | 47.51 | 15 | 42.40 | 0.76 | 144 | 137.69 | 11 | 0 | \*\*\* | FALSE | FALSE |
| guild \* elevation \* region + season | 30.18 | 1.93 | 22 | -21.26 | 1.12 | 137 | 201.35 | 18 | 0 | \*\*\* | TRUE | TRUE |
| guild \* elevation + region \* season | 73.11 | 44.86 | 19 | 29.65 | 0.84 | 140 | 150.44 | 15 | 0 | \*\*\* | FALSE | FALSE |
| guild + elevation \* region \* season | 66.21 | 37.96 | 27 | 0.67 | 1.00 | 132 | 179.42 | 23 | 0 | \*\*\* | FALSE | FALSE |
| guild \* elevation \* region \* season | 48.67 | 20.41 | 39 | -55.55 | 1.31 | 120 | 235.64 | 35 | 0 | \*\*\* | FALSE | FALSE |