| 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 | 1204.27 | 141.66 | 3 | 1198.21 | 1.00 | 393 | 0.00 | 0 | 1.00 |  | FALSE | FALSE |
| bait type | 1133.97 | 71.35 | 8 | 1117.60 | 0.07 | 388 | 80.61 | 5 | 0.00 | \*\*\* | FALSE | FALSE |
| elevation | 1145.26 | 82.64 | 5 | 1135.11 | 0.05 | 391 | 63.10 | 2 | 0.00 | \*\*\* | FALSE | FALSE |
| region | 1207.02 | 144.41 | 5 | 1196.87 | 0.00 | 391 | 1.34 | 2 | 0.51 |  | FALSE | FALSE |
| season | 1205.48 | 142.86 | 4 | 1197.38 | 0.00 | 392 | 0.84 | 1 | 0.36 |  | FALSE | FALSE |
| bait type + elevation | 1075.75 | 13.14 | 10 | 1055.18 | 0.12 | 386 | 143.03 | 7 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type \* elevation | 1094.18 | 31.57 | 20 | 1051.94 | 0.12 | 376 | 146.27 | 17 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type + region | 1136.79 | 74.17 | 10 | 1116.22 | 0.07 | 386 | 82.00 | 7 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type \* region | 1149.83 | 87.21 | 20 | 1107.59 | 0.08 | 376 | 90.63 | 17 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type + season | 1134.87 | 72.25 | 9 | 1116.40 | 0.07 | 387 | 81.81 | 6 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type \* season | 1142.54 | 79.92 | 14 | 1113.43 | 0.07 | 382 | 84.78 | 11 | 0.00 | \*\*\* | FALSE | FALSE |
| elevation + region | 1148.95 | 86.33 | 7 | 1134.66 | 0.05 | 389 | 63.56 | 4 | 0.00 | \*\*\* | FALSE | FALSE |
| elevation \* region | 1152.36 | 89.74 | 11 | 1129.67 | 0.06 | 385 | 68.54 | 8 | 0.00 | \*\*\* | FALSE | FALSE |
| elevation + season | 1147.24 | 84.63 | 6 | 1135.03 | 0.05 | 390 | 63.18 | 3 | 0.00 | \*\*\* | FALSE | FALSE |
| elevation \* season | 1144.45 | 81.84 | 8 | 1128.08 | 0.06 | 388 | 70.13 | 5 | 0.00 | \*\*\* | FALSE | FALSE |
| region + season | 1208.28 | 145.67 | 6 | 1196.07 | 0.00 | 390 | 2.15 | 3 | 0.54 |  | FALSE | FALSE |
| region \* season | 1191.44 | 128.82 | 8 | 1175.07 | 0.02 | 388 | 23.14 | 5 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type + elevation + region | 1079.62 | 17.00 | 12 | 1054.80 | 0.12 | 384 | 143.41 | 9 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type \* elevation + region | 1098.28 | 35.67 | 22 | 1051.57 | 0.12 | 374 | 146.64 | 19 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type + elevation \* region | 1097.11 | 34.49 | 26 | 1041.30 | 0.13 | 370 | 156.91 | 23 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type \* elevation \* region | 1139.07 | 76.45 | 56 | 1008.23 | 0.16 | 340 | 189.98 | 53 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type + elevation + season | 1077.56 | 14.95 | 11 | 1054.88 | 0.12 | 385 | 143.34 | 8 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type \* elevation + season | 1096.12 | 33.50 | 21 | 1051.64 | 0.12 | 375 | 146.57 | 18 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type + elevation \* season | 1082.06 | 19.45 | 18 | 1044.25 | 0.13 | 378 | 153.96 | 15 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type \* elevation \* season | 1106.46 | 43.84 | 38 | 1022.16 | 0.15 | 358 | 176.05 | 35 | 0.00 | \*\*\* | FALSE | FALSE |
| elevation + region + season | 1150.92 | 88.31 | 8 | 1134.55 | 0.05 | 388 | 63.66 | 5 | 0.00 | \*\*\* | FALSE | FALSE |
| elevation \* region + season | 1154.46 | 91.84 | 12 | 1129.64 | 0.06 | 384 | 68.57 | 9 | 0.00 | \*\*\* | FALSE | FALSE |
| elevation + region \* season | 1135.72 | 73.11 | 12 | 1110.91 | 0.07 | 384 | 87.30 | 9 | 0.00 | \*\*\* | FALSE | FALSE |
| elevation \* region \* season | 1130.79 | 68.17 | 20 | 1088.55 | 0.09 | 376 | 109.66 | 17 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type + region + season | 1137.74 | 75.12 | 11 | 1115.05 | 0.07 | 385 | 83.16 | 8 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type \* region + season | 1150.69 | 88.08 | 21 | 1106.22 | 0.08 | 375 | 91.99 | 18 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type + region \* season | 1120.80 | 58.18 | 18 | 1082.98 | 0.10 | 378 | 115.23 | 15 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type \* region \* season | 1119.60 | 56.98 | 38 | 1035.29 | 0.14 | 358 | 162.92 | 35 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type + elevation + region + season | 1081.42 | 18.80 | 13 | 1054.47 | 0.12 | 383 | 143.74 | 10 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type \* elevation + region + season | 1100.21 | 37.59 | 23 | 1051.24 | 0.12 | 373 | 146.97 | 20 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type + elevation \* region + season | 1099.15 | 36.54 | 27 | 1041.04 | 0.13 | 369 | 157.17 | 24 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type + elevation + region \* season | 1066.06 | 3.45 | 22 | 1019.35 | 0.15 | 374 | 178.86 | 19 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type \* elevation \* region + season | 1141.43 | 78.81 | 57 | 1007.86 | 0.16 | 339 | 190.35 | 54 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type \* elevation + region \* season | 1089.40 | 26.78 | 42 | 995.16 | 0.17 | 354 | 203.05 | 39 | 0.00 | \*\*\* | FALSE | FALSE |
| bait type + elevation \* region \* season | 1062.62 | 0.00 | 50 | 947.83 | 0.21 | 346 | 250.38 | 47 | 0.00 | \*\*\* | TRUE | TRUE |
| bait type \* elevation \* region \* season | NA | NA | 110 | NA | NA | 286 | NA | 107 | NA |  | NA | NA |