| mod\_name | model\_df | AICc | delta | weight | best\_model | r2 | mod\_r2\_partial | aov\_df | aov\_aic | aov\_bic | aov\_log\_lik | aov\_deviance | aov\_chisq | aov\_chi\_df | aov\_pr\_chisq | aov\_signif |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| null | 2 | 444.41 | 144.08 | NA | FALSE | 0.00 | NA | 2 | 444.25 | 448.99 | -220.13 | 440.25 | 0.00 | 0 | 1.00 |  |
| elevation | 4 | 317.38 | 17.04 | NA | FALSE | 0.90 | NA | 4 | 316.84 | 326.31 | -154.42 | 308.84 | 131.42 | 2 | 0.00 | \*\*\* |
| region | 4 | 443.94 | 143.60 | NA | FALSE | 0.16 | NA | 4 | 443.39 | 452.87 | -217.70 | 435.39 | 4.86 | 2 | 0.09 |  |
| season | 3 | 446.50 | 146.17 | NA | FALSE | 0.00 | NA | 3 | 446.18 | 453.29 | -220.09 | 440.18 | 0.07 | 1 | 0.79 |  |
| elevation + region | 6 | 300.33 | 0.00 | NA | TRUE | 0.91 | NA | 6 | 299.17 | 313.38 | -143.58 | 287.17 | 153.09 | 4 | 0.00 | \*\*\* |
| elevation \* region | 10 | 304.93 | 4.60 | NA | FALSE | 0.94 | NA | 10 | 301.70 | 325.39 | -140.85 | 281.70 | 158.56 | 8 | 0.00 | \*\*\* |
| elevation + season | 5 | 319.65 | 19.32 | NA | FALSE | 0.90 | NA | 5 | 318.83 | 330.68 | -154.41 | 308.83 | 131.43 | 3 | 0.00 | \*\*\* |
| elevation \* season | 7 | 319.60 | 19.27 | NA | FALSE | 0.90 | NA | 7 | 318.02 | 334.61 | -152.01 | 304.02 | 136.23 | 5 | 0.00 | \*\*\* |
| region + season | 5 | 446.15 | 145.82 | NA | FALSE | 0.16 | NA | 5 | 445.33 | 457.18 | -217.67 | 435.33 | 4.92 | 3 | 0.18 |  |
| region \* season | 7 | 450.70 | 150.37 | NA | FALSE | 0.17 | NA | 7 | 449.13 | 465.71 | -217.56 | 435.13 | 5.13 | 5 | 0.40 |  |
| elevation + region + season | 7 | 302.53 | 2.20 | NA | FALSE | 0.91 | NA | 7 | 300.95 | 317.54 | -143.48 | 286.95 | 153.30 | 5 | 0.00 | \*\*\* |
| elevation + region \* season | 11 | 301.18 | 0.85 | NA | FALSE | 0.91 | NA | 11 | 297.24 | 323.31 | -137.62 | 275.24 | 165.01 | 9 | 0.00 | \*\*\* |
| elevation \* region + season | 11 | 307.41 | 7.07 | NA | FALSE | 0.94 | NA | 11 | 303.47 | 329.53 | -140.73 | 281.47 | 158.79 | 9 | 0.00 | \*\*\* |
| elevation \* region \* season | 19 | NA | NA | NA | FALSE | 0.94 | NA | 19 | NA | NA | NA | NA | NA | 17 | NA |  |

| mod\_name | model\_df | AICc | delta | weight | best\_model | r2 | mod\_r2\_partial | aov\_df | aov\_aic | aov\_bic | aov\_log\_lik | aov\_deviance | aov\_chisq | aov\_chi\_df | aov\_pr\_chisq | aov\_signif |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| null | 2 | 541.86 | 131.90 | 0.00 | FALSE | 0.00 | NA | 2 | 541.70 | 546.44 | -268.85 | 537.70 | 0.00 | 0 | 1.00 |  |
| elevation | 4 | 418.17 | 8.22 | 0.01 | FALSE | 0.95 | NA | 4 | 417.63 | 427.11 | -204.82 | 409.63 | 128.07 | 2 | 0.00 | \*\*\* |
| region | 4 | 542.98 | 133.02 | 0.00 | FALSE | 0.21 | NA | 4 | 542.44 | 551.92 | -267.22 | 534.44 | 3.26 | 2 | 0.20 |  |
| season | 3 | 543.96 | 134.00 | 0.00 | FALSE | 0.01 | NA | 3 | 543.64 | 550.74 | -268.82 | 537.64 | 0.07 | 1 | 0.80 |  |
| elevation + region | 6 | 418.25 | 8.30 | 0.01 | FALSE | 0.95 | NA | 6 | 417.09 | 431.30 | -202.54 | 405.09 | 132.61 | 4 | 0.00 | \*\*\* |
| elevation \* region | 10 | 419.25 | 9.30 | 0.01 | FALSE | 0.98 | NA | 10 | 416.02 | 439.71 | -198.01 | 396.02 | 141.69 | 8 | 0.00 | \*\*\* |
| elevation + season | 5 | 420.44 | 10.48 | 0.00 | FALSE | 0.95 | NA | 5 | 419.62 | 431.47 | -204.81 | 409.62 | 128.08 | 3 | 0.00 | \*\*\* |
| elevation \* season | 7 | 417.79 | 7.83 | 0.02 | FALSE | 0.95 | NA | 7 | 416.21 | 432.79 | -201.10 | 402.21 | 135.49 | 5 | 0.00 | \*\*\* |
| region + season | 5 | 545.21 | 135.25 | 0.00 | FALSE | 0.21 | NA | 5 | 544.39 | 556.23 | -267.19 | 534.39 | 3.32 | 3 | 0.35 |  |
| region \* season | 7 | 549.90 | 139.94 | 0.00 | FALSE | 0.22 | NA | 7 | 548.32 | 564.91 | -267.16 | 534.32 | 3.38 | 5 | 0.64 |  |
| elevation + region + season | 7 | 420.66 | 10.70 | 0.00 | FALSE | 0.95 | NA | 7 | 419.08 | 435.67 | -202.54 | 405.08 | 132.62 | 5 | 0.00 | \*\*\* |
| elevation + region \* season | 11 | 412.70 | 2.74 | 0.19 | FALSE | 0.95 | NA | 11 | 408.76 | 434.82 | -193.38 | 386.76 | 150.95 | 9 | 0.00 | \*\*\* |
| elevation \* region + season | 11 | 421.83 | 11.87 | 0.00 | FALSE | 0.98 | NA | 11 | 417.89 | 443.95 | -197.94 | 395.89 | 141.81 | 9 | 0.00 | \*\*\* |
| elevation \* region \* season | 19 | 409.96 | 0.00 | 0.75 | TRUE | 0.97 | NA | 19 | 397.07 | 442.09 | -179.54 | 359.07 | 178.63 | 17 | 0.00 | \*\*\* |