| 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 | -237.97 | 16.30 | 3 | 7.45 | 1.00 | 50 | 0.00 | 0 | 1.00 |  | FALSE | FALSE |
| elevation | -239.67 | 14.60 | 4 | 7.25 | 0.03 | 49 | 4.04 | 1 | 0.04 | \* | FALSE | FALSE |
| elevation-poly | -237.29 | 16.98 | 5 | 7.22 | 0.03 | 48 | 4.11 | 2 | 0.13 |  | FALSE | FALSE |
| region | -249.12 | 5.15 | 5 | 6.59 | 0.12 | 48 | 15.94 | 2 | 0.00 | \*\*\* | FALSE | FALSE |
| season | -236.49 | 17.78 | 4 | 7.63 | -0.02 | 49 | 0.86 | 1 | 0.35 |  | FALSE | FALSE |
| elevation + region | -254.27 | 0.00 | 6 | 5.88 | 0.21 | 47 | 23.63 | 3 | 0.00 | \*\*\* | TRUE | FALSE |
| elevation \* region | -250.96 | 3.31 | 8 | 5.71 | 0.23 | 45 | 25.77 | 5 | 0.00 | \*\*\* | FALSE | FALSE |
| elevation + season | -237.30 | 16.97 | 5 | 7.27 | 0.02 | 48 | 4.12 | 2 | 0.13 |  | FALSE | FALSE |
| elevation \* season | -243.39 | 10.88 | 6 | 6.69 | 0.10 | 47 | 12.75 | 3 | 0.00 | \*\* | FALSE | FALSE |
| elevation-poly + region | -251.61 | 2.66 | 7 | 5.88 | 0.21 | 46 | 23.64 | 4 | 0.00 | \*\*\* | FALSE | FALSE |
| elevation-poly \* region | -248.23 | 6.04 | 11 | 5.63 | 0.24 | 42 | 32.20 | 8 | 0.00 | \*\*\* | FALSE | FALSE |
| elevation-poly + season | -234.82 | 19.45 | 6 | 7.24 | 0.03 | 47 | 4.19 | 3 | 0.24 |  | FALSE | FALSE |
| elevation-poly \* season | -238.07 | 16.20 | 8 | 6.67 | 0.10 | 45 | 12.88 | 5 | 0.03 | \* | FALSE | FALSE |
| region + season | -246.57 | 7.69 | 6 | 6.60 | 0.12 | 47 | 15.94 | 3 | 0.00 | \*\* | FALSE | FALSE |
| region \* season | -243.03 | 11.24 | 8 | 6.70 | 0.10 | 45 | 17.84 | 5 | 0.00 | \*\* | FALSE | FALSE |
| elevation + region + season | -252.54 | 1.72 | 7 | 5.88 | 0.21 | 46 | 24.57 | 4 | 0.00 | \*\*\* | TRUE | FALSE |
| elevation + region \* season | -253.75 | 0.52 | 10 | 5.24 | 0.30 | 43 | 34.53 | 7 | 0.00 | \*\*\* | TRUE | TRUE |
| elevation \* region + season | -248.84 | 5.43 | 9 | 5.74 | 0.23 | 44 | 26.56 | 6 | 0.00 | \*\*\* | FALSE | FALSE |
| elevation \* region \* season | -243.24 | 11.03 | 14 | 4.96 | 0.33 | 39 | 37.83 | 11 | 0.00 | \*\*\* | FALSE | FALSE |
| elevation-poly + region + season | -249.76 | 4.51 | 8 | 5.88 | 0.21 | 45 | 24.57 | 5 | 0.00 | \*\*\* | FALSE | FALSE |
| elevation-poly + region \* season | -247.40 | 6.87 | 12 | 5.20 | 0.30 | 41 | 34.74 | 9 | 0.00 | \*\*\* | FALSE | FALSE |
| elevation-poly \* region + season | -246.32 | 7.94 | 12 | 5.66 | 0.24 | 41 | 33.66 | 9 | 0.00 | \*\*\* | FALSE | FALSE |
| elevation-poly \* region \* season | -224.12 | 30.14 | 20 | 4.51 | 0.39 | 33 | 45.91 | 17 | 0.00 | \*\*\* | FALSE | FALSE |