| regions | sel\_bait\_type | mod\_name | model\_df | AICc | delta | weight | best\_model\_candidate | mod\_r2\_partial | d2 | lr\_number\_df | lr\_log\_lik | lr\_df | lr\_chisq | lr\_pr\_chisq | lr\_signif | best\_model |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ecuador | amino\_acid | null | 2 | 73.30 | 6.75 | 0.02 | FALSE | NA | 0.00 | 2 | -34.35 | 0 | 0.00 | 1.00 |  | FALSE |
| ecuador | amino\_acid | elevation | 3 | 75.26 | 8.71 | 0.01 | FALSE | NA | 0.01 | 3 | -34.00 | 1 | 0.70 | 0.40 |  | FALSE |
| ecuador | amino\_acid | elevation-poly | 4 | 78.12 | 11.57 | 0.00 | FALSE | NA | 0.01 | 4 | -33.95 | 2 | 0.80 | 0.67 |  | FALSE |
| ecuador | amino\_acid | season | 3 | 66.55 | 0.00 | 0.56 | TRUE | NA | 0.14 | 3 | -29.64 | 1 | 9.41 | 0.00 | \*\* | FALSE |
| ecuador | amino\_acid | elevation + season | 4 | 68.40 | 1.85 | 0.22 | TRUE | NA | 0.15 | 4 | -29.09 | 2 | 10.52 | 0.01 | \*\* | TRUE |
| ecuador | amino\_acid | elevation \* season | 5 | 71.04 | 4.49 | 0.06 | FALSE | NA | 0.16 | 5 | -28.76 | 3 | 11.18 | 0.01 | \* | FALSE |
| ecuador | amino\_acid | elevation-poly + season | 5 | 71.71 | 5.16 | 0.04 | FALSE | NA | 0.15 | 5 | -29.09 | 3 | 10.52 | 0.01 | \* | FALSE |
| ecuador | amino\_acid | elevation-poly \* season | 7 | 70.27 | 3.72 | 0.09 | FALSE | NA | 0.29 | 7 | -24.40 | 5 | 19.89 | 0.00 | \*\* | FALSE |
| ecuador | cho | null | 2 | 77.39 | 3.81 | 0.09 | FALSE | NA | 0.00 | 2 | -36.39 | 0 | 0.00 | 1.00 |  | FALSE |
| ecuador | cho | elevation | 3 | 79.58 | 5.99 | 0.03 | FALSE | NA | 0.01 | 3 | -36.16 | 1 | 0.48 | 0.49 |  | FALSE |
| ecuador | cho | elevation-poly | 4 | 82.23 | 8.65 | 0.01 | FALSE | NA | 0.01 | 4 | -36.01 | 2 | 0.78 | 0.68 |  | FALSE |
| ecuador | cho | season | 3 | 76.20 | 2.62 | 0.17 | FALSE | NA | 0.05 | 3 | -34.47 | 1 | 3.85 | 0.05 | \* | FALSE |
| ecuador | cho | elevation + season | 4 | 78.48 | 4.90 | 0.05 | FALSE | NA | 0.06 | 4 | -34.13 | 2 | 4.53 | 0.10 |  | FALSE |
| ecuador | cho | elevation \* season | 5 | 73.58 | 0.00 | 0.62 | TRUE | NA | 0.17 | 5 | -30.03 | 3 | 12.74 | 0.01 | \*\* | TRUE |
| ecuador | cho | elevation-poly + season | 5 | 81.70 | 8.11 | 0.01 | FALSE | NA | 0.06 | 5 | -34.08 | 3 | 4.62 | 0.20 |  | FALSE |
| ecuador | cho | elevation-poly \* season | 7 | 81.50 | 7.92 | 0.01 | FALSE | NA | 0.18 | 7 | -30.02 | 5 | 12.75 | 0.03 | \* | FALSE |
| ecuador | cho\_amino\_acid | null | 2 | 79.20 | 0.31 | 0.25 | TRUE | NA | 0.00 | 2 | -37.30 | 0 | 0.00 | 1.00 |  | FALSE |
| ecuador | cho\_amino\_acid | elevation | 3 | 78.89 | 0.00 | 0.29 | TRUE | NA | 0.04 | 3 | -35.81 | 1 | 2.97 | 0.08 |  | FALSE |
| ecuador | cho\_amino\_acid | elevation-poly | 4 | 79.48 | 0.60 | 0.21 | TRUE | NA | 0.07 | 4 | -34.63 | 2 | 5.33 | 0.07 |  | TRUE |
| ecuador | cho\_amino\_acid | season | 3 | 81.41 | 2.52 | 0.08 | FALSE | NA | 0.01 | 3 | -37.07 | 1 | 0.45 | 0.50 |  | FALSE |
| ecuador | cho\_amino\_acid | elevation + season | 4 | 81.32 | 2.43 | 0.09 | FALSE | NA | 0.05 | 4 | -35.55 | 2 | 3.50 | 0.17 |  | FALSE |
| ecuador | cho\_amino\_acid | elevation \* season | 5 | 83.41 | 4.52 | 0.03 | FALSE | NA | 0.06 | 5 | -34.94 | 3 | 4.72 | 0.19 |  | FALSE |
| ecuador | cho\_amino\_acid | elevation-poly + season | 5 | 82.53 | 3.65 | 0.05 | FALSE | NA | 0.07 | 5 | -34.50 | 3 | 5.59 | 0.13 |  | FALSE |
| ecuador | cho\_amino\_acid | elevation-poly \* season | 7 | 85.94 | 7.06 | 0.01 | FALSE | NA | 0.14 | 7 | -32.24 | 5 | 10.12 | 0.07 |  | FALSE |
| ecuador | h2o | null | 2 | 61.31 | 0.00 | 0.56 | TRUE | NA | 0.00 | 2 | -28.35 | 0 | 0.00 | 1.00 |  | TRUE |
| ecuador | h2o | elevation | 3 | 63.85 | 2.55 | 0.16 | FALSE | NA | 0.00 | 3 | -28.30 | 1 | 0.12 | 0.73 |  | FALSE |
| ecuador | h2o | elevation-poly | 4 | 66.81 | 5.51 | 0.04 | FALSE | NA | 0.00 | 4 | -28.30 | 2 | 0.12 | 0.94 |  | FALSE |
| ecuador | h2o | season | 3 | 63.90 | 2.60 | 0.15 | FALSE | NA | 0.00 | 3 | -28.32 | 1 | 0.07 | 0.80 |  | FALSE |
| ecuador | h2o | elevation + season | 4 | 66.76 | 5.45 | 0.04 | FALSE | NA | 0.00 | 4 | -28.27 | 2 | 0.17 | 0.92 |  | FALSE |
| ecuador | h2o | elevation \* season | 5 | 66.48 | 5.17 | 0.04 | FALSE | NA | 0.07 | 5 | -26.48 | 3 | 3.76 | 0.29 |  | FALSE |
| ecuador | h2o | elevation-poly + season | 5 | 70.06 | 8.75 | 0.01 | FALSE | NA | 0.00 | 5 | -28.27 | 3 | 0.17 | 0.98 |  | FALSE |
| ecuador | h2o | elevation-poly \* season | 7 | 73.40 | 12.09 | 0.00 | FALSE | NA | 0.08 | 7 | -25.97 | 5 | 4.78 | 0.44 |  | FALSE |
| ecuador | lipid | null | 2 | 81.63 | 12.63 | 0.00 | FALSE | NA | 0.00 | 2 | -38.52 | 0 | 0.00 | 1.00 |  | FALSE |
| ecuador | lipid | elevation | 3 | 69.01 | 0.00 | 0.54 | TRUE | NA | 0.20 | 3 | -30.87 | 1 | 15.29 | 0.00 | \*\*\* | FALSE |
| ecuador | lipid | elevation-poly | 4 | 70.56 | 1.56 | 0.25 | TRUE | NA | 0.22 | 4 | -30.17 | 2 | 16.69 | 0.00 | \*\*\* | TRUE |
| ecuador | lipid | season | 3 | 84.09 | 15.08 | 0.00 | FALSE | NA | 0.00 | 3 | -38.41 | 1 | 0.21 | 0.65 |  | FALSE |
| ecuador | lipid | elevation + season | 4 | 71.83 | 2.82 | 0.13 | FALSE | NA | 0.20 | 4 | -30.80 | 2 | 15.43 | 0.00 | \*\*\* | FALSE |
| ecuador | lipid | elevation \* season | 5 | 75.13 | 6.13 | 0.03 | FALSE | NA | 0.20 | 5 | -30.80 | 3 | 15.43 | 0.00 | \*\* | FALSE |
| ecuador | lipid | elevation-poly + season | 5 | 73.73 | 4.72 | 0.05 | FALSE | NA | 0.22 | 5 | -30.10 | 3 | 16.83 | 0.00 | \*\*\* | FALSE |
| ecuador | lipid | elevation-poly \* season | 7 | 81.20 | 12.19 | 0.00 | FALSE | NA | 0.22 | 7 | -29.86 | 5 | 17.31 | 0.00 | \*\* | FALSE |
| ecuador | nacl | null | 2 | 83.40 | 4.03 | 0.08 | FALSE | NA | 0.00 | 2 | -39.40 | 0 | 0.00 | 1.00 |  | FALSE |
| ecuador | nacl | elevation | 3 | 86.05 | 6.68 | 0.02 | FALSE | NA | 0.00 | 3 | -39.39 | 1 | 0.01 | 0.90 |  | FALSE |
| ecuador | nacl | elevation-poly | 4 | 89.00 | 9.63 | 0.01 | FALSE | NA | 0.00 | 4 | -39.39 | 2 | 0.02 | 0.99 |  | FALSE |
| ecuador | nacl | season | 3 | 79.37 | 0.00 | 0.62 | TRUE | NA | 0.08 | 3 | -36.05 | 1 | 6.69 | 0.01 | \*\* | TRUE |
| ecuador | nacl | elevation + season | 4 | 82.24 | 2.87 | 0.15 | FALSE | NA | 0.09 | 4 | -36.01 | 2 | 6.78 | 0.03 | \* | FALSE |
| ecuador | nacl | elevation \* season | 5 | 83.75 | 4.38 | 0.07 | FALSE | NA | 0.11 | 5 | -35.11 | 3 | 8.58 | 0.04 | \* | FALSE |
| ecuador | nacl | elevation-poly + season | 5 | 85.51 | 6.14 | 0.03 | FALSE | NA | 0.09 | 5 | -35.99 | 3 | 6.82 | 0.08 |  | FALSE |
| ecuador | nacl | elevation-poly \* season | 7 | 85.93 | 6.56 | 0.02 | FALSE | NA | 0.18 | 7 | -32.23 | 5 | 14.33 | 0.01 | \* | FALSE |
| png | amino\_acid | null | 2 | 70.44 | 5.78 | 0.04 | FALSE | NA | 0.00 | 2 | -32.87 | 0 | 0.00 | 1.00 |  | FALSE |
| png | amino\_acid | elevation | 3 | 72.97 | 8.31 | 0.01 | FALSE | NA | 0.00 | 3 | -32.73 | 1 | 0.27 | 0.60 |  | FALSE |
| png | amino\_acid | elevation-poly | 4 | 76.10 | 11.44 | 0.00 | FALSE | NA | 0.00 | 4 | -32.72 | 2 | 0.30 | 0.86 |  | FALSE |
| png | amino\_acid | season | 3 | 64.66 | 0.00 | 0.71 | TRUE | NA | 0.13 | 3 | -28.58 | 1 | 8.58 | 0.00 | \*\* | TRUE |
| png | amino\_acid | elevation + season | 4 | 67.43 | 2.77 | 0.18 | FALSE | NA | 0.14 | 4 | -28.38 | 2 | 8.97 | 0.01 | \* | FALSE |
| png | amino\_acid | elevation \* season | 5 | 70.79 | 6.13 | 0.03 | FALSE | NA | 0.14 | 5 | -28.25 | 3 | 9.23 | 0.03 | \* | FALSE |
| png | amino\_acid | elevation-poly + season | 5 | 71.01 | 6.35 | 0.03 | FALSE | NA | 0.14 | 5 | -28.36 | 3 | 9.01 | 0.03 | \* | FALSE |
| png | amino\_acid | elevation-poly \* season | 7 | 79.78 | 15.12 | 0.00 | FALSE | NA | 0.14 | 7 | -28.22 | 5 | 9.29 | 0.10 |  | FALSE |
| png | cho | null | 2 | 68.08 | 0.00 | 0.47 | TRUE | NA | 0.00 | 2 | -31.69 | 0 | 0.00 | 1.00 |  | FALSE |
| png | cho | elevation | 3 | 70.50 | 2.41 | 0.14 | FALSE | NA | 0.01 | 3 | -31.50 | 1 | 0.38 | 0.54 |  | FALSE |
| png | cho | elevation-poly | 4 | 73.66 | 5.58 | 0.03 | FALSE | NA | 0.01 | 4 | -31.50 | 2 | 0.38 | 0.83 |  | FALSE |
| png | cho | season | 3 | 69.22 | 1.14 | 0.27 | TRUE | NA | 0.03 | 3 | -30.86 | 1 | 1.66 | 0.20 |  | TRUE |
| png | cho | elevation + season | 4 | 71.94 | 3.86 | 0.07 | FALSE | NA | 0.03 | 4 | -30.64 | 2 | 2.10 | 0.35 |  | FALSE |
| png | cho | elevation \* season | 5 | 75.55 | 7.46 | 0.01 | FALSE | NA | 0.03 | 5 | -30.63 | 3 | 2.12 | 0.55 |  | FALSE |
| png | cho | elevation-poly + season | 5 | 75.56 | 7.48 | 0.01 | FALSE | NA | 0.03 | 5 | -30.64 | 3 | 2.10 | 0.55 |  | FALSE |
| png | cho | elevation-poly \* season | 7 | 84.27 | 16.19 | 0.00 | FALSE | NA | 0.04 | 7 | -30.47 | 5 | 2.43 | 0.79 |  | FALSE |
| png | cho\_amino\_acid | null | 2 | 73.57 | 0.78 | 0.29 | TRUE | NA | 0.00 | 2 | -34.43 | 0 | 0.00 | 1.00 |  | FALSE |
| png | cho\_amino\_acid | elevation | 3 | 76.23 | 3.44 | 0.08 | FALSE | NA | 0.00 | 3 | -34.36 | 1 | 0.14 | 0.71 |  | FALSE |
| png | cho\_amino\_acid | elevation-poly | 4 | 78.13 | 5.34 | 0.03 | FALSE | NA | 0.02 | 4 | -33.73 | 2 | 1.40 | 0.50 |  | FALSE |
| png | cho\_amino\_acid | season | 3 | 72.79 | 0.00 | 0.43 | TRUE | NA | 0.05 | 3 | -32.64 | 1 | 3.58 | 0.06 |  | TRUE |
| png | cho\_amino\_acid | elevation + season | 4 | 75.80 | 3.01 | 0.10 | FALSE | NA | 0.05 | 4 | -32.57 | 2 | 3.73 | 0.15 |  | FALSE |
| png | cho\_amino\_acid | elevation \* season | 5 | 78.10 | 5.31 | 0.03 | FALSE | NA | 0.07 | 5 | -31.91 | 3 | 5.06 | 0.17 |  | FALSE |
| png | cho\_amino\_acid | elevation-poly + season | 5 | 77.48 | 4.70 | 0.04 | FALSE | NA | 0.08 | 5 | -31.60 | 3 | 5.67 | 0.13 |  | FALSE |
| png | cho\_amino\_acid | elevation-poly \* season | 7 | 83.43 | 10.64 | 0.00 | FALSE | NA | 0.13 | 7 | -30.05 | 5 | 8.77 | 0.12 |  | FALSE |
| png | h2o | null | 2 | 65.96 | 0.00 | 0.46 | TRUE | NA | 0.00 | 2 | -30.63 | 0 | 0.00 | 1.00 |  | FALSE |
| png | h2o | elevation | 3 | 67.97 | 2.01 | 0.17 | FALSE | NA | 0.01 | 3 | -30.24 | 1 | 0.79 | 0.37 |  | FALSE |
| png | h2o | elevation-poly | 4 | 70.61 | 4.64 | 0.04 | FALSE | NA | 0.02 | 4 | -29.97 | 2 | 1.32 | 0.52 |  | FALSE |
| png | h2o | season | 3 | 67.37 | 1.41 | 0.23 | TRUE | NA | 0.02 | 3 | -29.94 | 1 | 1.38 | 0.24 |  | TRUE |
| png | h2o | elevation + season | 4 | 69.59 | 3.63 | 0.07 | FALSE | NA | 0.04 | 4 | -29.46 | 2 | 2.33 | 0.31 |  | FALSE |
| png | h2o | elevation \* season | 5 | 72.99 | 7.02 | 0.01 | FALSE | NA | 0.04 | 5 | -29.35 | 3 | 2.56 | 0.47 |  | FALSE |
| png | h2o | elevation-poly + season | 5 | 72.76 | 6.79 | 0.02 | FALSE | NA | 0.05 | 5 | -29.24 | 3 | 2.78 | 0.43 |  | FALSE |
| png | h2o | elevation-poly \* season | 7 | 79.53 | 13.56 | 0.00 | FALSE | NA | 0.08 | 7 | -28.10 | 5 | 5.07 | 0.41 |  | FALSE |
| png | lipid | null | 2 | 65.06 | 4.12 | 0.05 | FALSE | NA | 0.00 | 2 | -30.18 | 0 | 0.00 | 1.00 |  | FALSE |
| png | lipid | elevation | 3 | 65.62 | 4.68 | 0.04 | FALSE | NA | 0.04 | 3 | -29.06 | 1 | 2.23 | 0.14 |  | FALSE |
| png | lipid | elevation-poly | 4 | 67.74 | 6.80 | 0.01 | FALSE | NA | 0.05 | 4 | -28.54 | 2 | 3.28 | 0.19 |  | FALSE |
| png | lipid | season | 3 | 61.47 | 0.53 | 0.28 | TRUE | NA | 0.11 | 3 | -26.98 | 1 | 6.38 | 0.01 | \* | FALSE |
| png | lipid | elevation + season | 4 | 60.94 | 0.00 | 0.37 | TRUE | NA | 0.17 | 4 | -25.14 | 2 | 10.08 | 0.01 | \*\* | FALSE |
| png | lipid | elevation \* season | 5 | 63.37 | 2.43 | 0.11 | FALSE | NA | 0.19 | 5 | -24.54 | 3 | 11.27 | 0.01 | \* | FALSE |
| png | lipid | elevation-poly + season | 5 | 62.92 | 1.98 | 0.14 | TRUE | NA | 0.19 | 5 | -24.32 | 3 | 11.72 | 0.01 | \*\* | TRUE |
| png | lipid | elevation-poly \* season | 7 | 68.89 | 7.95 | 0.01 | FALSE | NA | 0.25 | 7 | -22.78 | 5 | 14.79 | 0.01 | \* | FALSE |
| png | nacl | null | 2 | 75.01 | 1.11 | 0.23 | TRUE | NA | 0.00 | 2 | -35.15 | 0 | 0.00 | 1.00 |  | FALSE |
| png | nacl | elevation | 3 | 76.53 | 2.63 | 0.11 | FALSE | NA | 0.02 | 3 | -34.52 | 1 | 1.27 | 0.26 |  | FALSE |
| png | nacl | elevation-poly | 4 | 78.74 | 4.84 | 0.04 | FALSE | NA | 0.03 | 4 | -34.04 | 2 | 2.23 | 0.33 |  | FALSE |
| png | nacl | season | 3 | 73.90 | 0.00 | 0.40 | TRUE | NA | 0.06 | 3 | -33.20 | 1 | 3.90 | 0.05 | \* | TRUE |
| png | nacl | elevation + season | 4 | 75.94 | 2.03 | 0.14 | FALSE | NA | 0.07 | 4 | -32.63 | 2 | 5.04 | 0.08 |  | FALSE |
| png | nacl | elevation \* season | 5 | 78.26 | 4.36 | 0.04 | FALSE | NA | 0.09 | 5 | -31.99 | 3 | 6.33 | 0.10 |  | FALSE |
| png | nacl | elevation-poly + season | 5 | 78.23 | 4.33 | 0.05 | FALSE | NA | 0.09 | 5 | -31.97 | 3 | 6.36 | 0.10 |  | FALSE |
| png | nacl | elevation-poly \* season | 7 | 85.13 | 11.22 | 0.00 | FALSE | NA | 0.12 | 7 | -30.90 | 5 | 8.52 | 0.13 |  | FALSE |
| tanzania | amino\_acid | null | 2 | 38.04 | 0.00 | 0.49 | TRUE | NA | 0.00 | 2 | -16.17 | 0 | 0.00 | 1.00 |  | FALSE |
| tanzania | amino\_acid | elevation | 3 | 38.45 | 0.40 | 0.40 | TRUE | NA | 0.12 | 3 | -14.22 | 1 | 3.88 | 0.05 | \* | TRUE |
| tanzania | amino\_acid | elevation-poly | 4 | 43.99 | 5.94 | 0.03 | FALSE | NA | 0.13 | 4 | -13.99 | 2 | 4.34 | 0.11 |  | FALSE |
| tanzania | amino\_acid | season | 3 | 42.31 | 4.26 | 0.06 | FALSE | NA | 0.00 | 3 | -16.15 | 1 | 0.02 | 0.88 |  | FALSE |
| tanzania | amino\_acid | elevation + season | 4 | 44.37 | 6.33 | 0.02 | FALSE | NA | 0.12 | 4 | -14.18 | 2 | 3.96 | 0.14 |  | FALSE |
| tanzania | amino\_acid | elevation \* season | 5 | 53.13 | 15.09 | 0.00 | FALSE | NA | 0.13 | 5 | -14.07 | 3 | 4.20 | 0.24 |  | FALSE |
| tanzania | amino\_acid | elevation-poly + season | 5 | 52.78 | 14.74 | 0.00 | FALSE | NA | 0.14 | 5 | -13.89 | 3 | 4.55 | 0.21 |  | FALSE |
| tanzania | amino\_acid | elevation-poly \* season | 7 | 84.43 | 46.39 | 0.00 | FALSE | NA | 0.55 | 7 | -7.22 | 5 | 17.90 | 0.00 | \*\* | FALSE |
| tanzania | cho | null | 2 | 28.41 | 0.00 | 0.78 | TRUE | NA | 0.00 | 2 | -11.35 | 0 | 0.00 | 1.00 |  | TRUE |
| tanzania | cho | elevation | 3 | 32.69 | 4.28 | 0.09 | FALSE | NA | 0.00 | 3 | -11.34 | 1 | 0.01 | 0.93 |  | FALSE |
| tanzania | cho | elevation-poly | 4 | 37.28 | 8.86 | 0.01 | FALSE | NA | 0.06 | 4 | -10.64 | 2 | 1.42 | 0.49 |  | FALSE |
| tanzania | cho | season | 3 | 32.36 | 3.95 | 0.11 | FALSE | NA | 0.01 | 3 | -11.18 | 1 | 0.34 | 0.56 |  | FALSE |
| tanzania | cho | elevation + season | 4 | 38.30 | 9.89 | 0.01 | FALSE | NA | 0.02 | 4 | -11.15 | 2 | 0.40 | 0.82 |  | FALSE |
| tanzania | cho | elevation \* season | 5 | 45.62 | 17.21 | 0.00 | FALSE | NA | 0.09 | 5 | -10.31 | 3 | 2.08 | 0.56 |  | FALSE |
| tanzania | cho | elevation-poly + season | 5 | 46.17 | 17.76 | 0.00 | FALSE | NA | 0.07 | 5 | -10.58 | 3 | 1.53 | 0.68 |  | FALSE |
| tanzania | cho | elevation-poly \* season | 7 | 86.03 | 57.62 | 0.00 | FALSE | NA | 0.29 | 7 | -8.02 | 5 | 6.66 | 0.25 |  | FALSE |
| tanzania | cho\_amino\_acid | null | 2 | 33.60 | 0.00 | 0.79 | TRUE | NA | 0.00 | 2 | -13.94 | 0 | 0.00 | 1.00 |  | TRUE |
| tanzania | cho\_amino\_acid | elevation | 3 | 37.87 | 4.27 | 0.09 | FALSE | NA | 0.00 | 3 | -13.94 | 1 | 0.01 | 0.91 |  | FALSE |
| tanzania | cho\_amino\_acid | elevation-poly | 4 | 43.87 | 10.27 | 0.00 | FALSE | NA | 0.00 | 4 | -13.94 | 2 | 0.01 | 0.99 |  | FALSE |
| tanzania | cho\_amino\_acid | season | 3 | 37.53 | 3.93 | 0.11 | FALSE | NA | 0.01 | 3 | -13.77 | 1 | 0.35 | 0.55 |  | FALSE |
| tanzania | cho\_amino\_acid | elevation + season | 4 | 43.53 | 9.93 | 0.01 | FALSE | NA | 0.01 | 4 | -13.77 | 2 | 0.35 | 0.84 |  | FALSE |
| tanzania | cho\_amino\_acid | elevation \* season | 5 | 50.61 | 17.01 | 0.00 | FALSE | NA | 0.08 | 5 | -12.81 | 3 | 2.27 | 0.52 |  | FALSE |
| tanzania | cho\_amino\_acid | elevation-poly + season | 5 | 52.50 | 18.90 | 0.00 | FALSE | NA | 0.01 | 5 | -13.75 | 3 | 0.39 | 0.94 |  | FALSE |
| tanzania | cho\_amino\_acid | elevation-poly \* season | 7 | 95.34 | 61.74 | 0.00 | FALSE | NA | 0.09 | 7 | -12.67 | 5 | 2.54 | 0.77 |  | FALSE |
| tanzania | h2o | null | 2 | 35.79 | 2.16 | 0.19 | FALSE | NA | 0.00 | 2 | -15.04 | 0 | 0.00 | 1.00 |  | FALSE |
| tanzania | h2o | elevation | 3 | 33.63 | 0.00 | 0.57 | TRUE | NA | 0.21 | 3 | -11.81 | 1 | 6.45 | 0.01 | \* | TRUE |
| tanzania | h2o | elevation-poly | 4 | 36.96 | 3.33 | 0.11 | FALSE | NA | 0.30 | 4 | -10.48 | 2 | 9.12 | 0.01 | \* | FALSE |
| tanzania | h2o | season | 3 | 38.00 | 4.38 | 0.06 | FALSE | NA | 0.07 | 3 | -14.00 | 1 | 2.07 | 0.15 |  | FALSE |
| tanzania | h2o | elevation + season | 4 | 37.94 | 4.31 | 0.07 | FALSE | NA | 0.27 | 4 | -10.97 | 2 | 8.13 | 0.02 | \* | FALSE |
| tanzania | h2o | elevation \* season | 5 | 45.57 | 11.94 | 0.00 | FALSE | NA | 0.32 | 5 | -10.28 | 3 | 9.51 | 0.02 | \* | FALSE |
| tanzania | h2o | elevation-poly + season | 5 | 44.94 | 11.31 | 0.00 | FALSE | NA | 0.34 | 5 | -9.97 | 3 | 10.14 | 0.02 | \* | FALSE |
| tanzania | h2o | elevation-poly \* season | 7 | 88.66 | 55.03 | 0.00 | FALSE | NA | 0.38 | 7 | -9.33 | 5 | 11.42 | 0.04 | \* | FALSE |
| tanzania | lipid | null | 2 | 36.09 | 0.00 | 0.66 | TRUE | NA | 0.00 | 2 | -15.19 | 0 | 0.00 | 1.00 |  | TRUE |
| tanzania | lipid | elevation | 3 | 38.54 | 2.46 | 0.19 | FALSE | NA | 0.06 | 3 | -14.27 | 1 | 1.83 | 0.18 |  | FALSE |
| tanzania | lipid | elevation-poly | 4 | 41.82 | 5.74 | 0.04 | FALSE | NA | 0.15 | 4 | -12.91 | 2 | 4.55 | 0.10 |  | FALSE |
| tanzania | lipid | season | 3 | 39.96 | 3.87 | 0.09 | FALSE | NA | 0.01 | 3 | -14.98 | 1 | 0.42 | 0.52 |  | FALSE |
| tanzania | lipid | elevation + season | 4 | 43.41 | 7.32 | 0.02 | FALSE | NA | 0.10 | 4 | -13.71 | 2 | 2.96 | 0.23 |  | FALSE |
| tanzania | lipid | elevation \* season | 5 | 51.53 | 15.44 | 0.00 | FALSE | NA | 0.13 | 5 | -13.27 | 3 | 3.84 | 0.28 |  | FALSE |
| tanzania | lipid | elevation-poly + season | 5 | 50.25 | 14.16 | 0.00 | FALSE | NA | 0.17 | 5 | -12.62 | 3 | 5.13 | 0.16 |  | FALSE |
| tanzania | lipid | elevation-poly \* season | 7 | 90.10 | 54.02 | 0.00 | FALSE | NA | 0.34 | 7 | -10.05 | 5 | 10.27 | 0.07 |  | FALSE |
| tanzania | nacl | null | 2 | 32.26 | 0.00 | 0.50 | TRUE | NA | 0.00 | 2 | -13.27 | 0 | 0.00 | 1.00 |  | FALSE |
| tanzania | nacl | elevation | 3 | 32.79 | 0.54 | 0.39 | TRUE | NA | 0.14 | 3 | -11.40 | 1 | 3.75 | 0.05 |  | TRUE |
| tanzania | nacl | elevation-poly | 4 | 38.21 | 5.95 | 0.03 | FALSE | NA | 0.16 | 4 | -11.10 | 2 | 4.33 | 0.11 |  | FALSE |
| tanzania | nacl | season | 3 | 36.37 | 4.12 | 0.06 | FALSE | NA | 0.01 | 3 | -13.19 | 1 | 0.17 | 0.68 |  | FALSE |
| tanzania | nacl | elevation + season | 4 | 38.79 | 6.54 | 0.02 | FALSE | NA | 0.14 | 4 | -11.40 | 2 | 3.75 | 0.15 |  | FALSE |
| tanzania | nacl | elevation \* season | 5 | 46.93 | 14.68 | 0.00 | FALSE | NA | 0.17 | 5 | -10.97 | 3 | 4.61 | 0.20 |  | FALSE |
| tanzania | nacl | elevation-poly + season | 5 | 47.19 | 14.93 | 0.00 | FALSE | NA | 0.16 | 5 | -11.10 | 3 | 4.35 | 0.23 |  | FALSE |
| tanzania | nacl | elevation-poly \* season | 7 | 89.43 | 57.18 | 0.00 | FALSE | NA | 0.27 | 7 | -9.72 | 5 | 7.11 | 0.21 |  | FALSE |