| regions | sel\_nutrient | mod\_name | model\_df | AICc | delta | weight | 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 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ecuador | amino\_acid | null | 2 | 73.30 | 0.00 | 0.49 | 0.00 | NA | 2 | 72.70 | 74.97 | -34.35 | 68.70 | 0.00 | 0 | 1.00 |  |
| png | amino\_acid | ps | 3 | 68.51 | 0.00 | 0.60 | 0.02 | NA | 3 | 67.01 | 70.00 | -30.51 | 61.01 | 4.72 | 1 | 0.03 | \* |
| tanzania | amino\_acid | null | 2 | 38.04 | 0.00 | 0.71 | 0.00 | NA | 2 | 36.33 | 36.94 | -16.17 | 32.33 | 0.00 | 0 | 1.00 |  |
| ecuador | cho | null | 2 | 77.39 | 0.00 | 0.54 | 0.00 | NA | 2 | 76.79 | 79.06 | -36.39 | 72.79 | 0.00 | 0 | 1.00 |  |
| png | cho | null | 2 | 68.08 | 0.00 | 0.57 | 0.00 | NA | 2 | 67.38 | 69.37 | -31.69 | 63.38 | 0.00 | 0 | 1.00 |  |
| tanzania | cho | null | 2 | 28.41 | 0.00 | NA | 0.00 | NA | 2 | 26.70 | 27.30 | -11.35 | 22.70 | 0.00 | 0 | 1.00 |  |
| ecuador | cho\_amino\_acid | ht | 3 | 75.09 | 0.00 | 0.70 | 0.12 | NA | 3 | 73.83 | 77.23 | -33.91 | 67.83 | 6.77 | 1 | 0.01 | \*\* |
| png | cho\_amino\_acid | null | 2 | 73.57 | 0.00 | 0.36 | 0.00 | NA | 2 | 72.87 | 74.86 | -34.43 | 68.87 | 0.00 | 0 | 1.00 |  |
| tanzania | cho\_amino\_acid | null | 2 | 33.60 | 0.41 | 0.38 | 0.00 | NA | 2 | 31.89 | 32.49 | -13.94 | 27.89 | 0.00 | 0 | 1.00 |  |
| ecuador | h2o | null | 2 | 61.31 | 0.00 | 0.51 | 0.00 | NA | 2 | 60.71 | 62.98 | -28.35 | 56.71 | 0.00 | 0 | 1.00 |  |
| png | h2o | null | 2 | 65.96 | 0.00 | 0.40 | 0.00 | NA | 2 | 65.26 | 67.25 | -30.63 | 61.26 | 0.00 | 0 | 1.00 |  |
| tanzania | h2o | null | 2 | 35.79 | 0.00 | 0.57 | 0.00 | NA | 2 | 34.07 | 34.68 | -15.04 | 30.07 | 0.00 | 0 | 1.00 |  |
| ecuador | lipid | null | 2 | 81.63 | 0.57 | 0.33 | 0.00 | NA | 2 | 81.03 | 83.31 | -38.52 | 77.03 | 0.00 | 0 | 1.00 |  |
| png | lipid | null | 2 | 65.06 | 0.00 | 0.52 | 0.00 | NA | 2 | 64.35 | 66.34 | -30.18 | 60.35 | 0.00 | 0 | 1.00 |  |
| tanzania | lipid | null | 2 | 36.09 | 0.00 | NA | 0.00 | NA | 2 | 34.37 | 34.98 | -15.19 | 30.37 | 0.00 | 0 | 1.00 |  |
| ecuador | nacl | null | 2 | 83.40 | 0.94 | 0.28 | 0.00 | NA | 2 | 82.80 | 85.07 | -39.40 | 78.80 | 0.00 | 0 | 1.00 |  |
| png | nacl | g | 3 | 72.27 | 0.00 | 0.63 | 0.06 | NA | 3 | 70.77 | 73.76 | -32.38 | 64.77 | 5.54 | 1 | 0.02 | \* |
| tanzania | nacl | ps | 3 | 35.66 | 0.00 | NA | 0.03 | NA | 3 | 31.66 | 32.56 | -12.83 | 25.66 | NA | 1 | NA |  |