

TABLE S2 | PCA results with 23 local variables (first selection step). In bold are the 15 local variables (second step) with loadings over 0.25.

| Variables | PC1 | PC2 | PC3 |
|-----------|--------------|--------------|--------------|
| GF | 0.00 | 0.24 | -0.26 |
| SUB>16mm | -0.05 | 0.26 | -0.13 |
| SSA | -0.27 | 0.16 | -0.06 |
| FN | -0.05 | -0.13 | -0.05 |
| RT | 0.04 | 0.18 | 0.19 |
| LF | -0.10 | -0.13 | 0.15 |
| LB | 0.35 | 0.09 | -0.02 |
| WO | 0.23 | -0.30 | -0.10 |
| IM | -0.24 | -0.10 | -0.07 |
| OM | 0.40 | 0.07 | -0.01 |
| SHE | 0.40 | 0.01 | -0.01 |
| EM | -0.06 | 0.18 | -0.47 |
| TD | 0.07 | -0.35 | -0.23 |
| MA | -0.04 | -0.02 | -0.58 |
| W/D | 0.23 | 0.30 | -0.01 |
| RF | -0.28 | 0.07 | -0.14 |
| SF | 0.25 | -0.17 | 0.01 |
| PO | 0.01 | 0.26 | 0.38 |
| SIN | 0.26 | 0.26 | -0.15 |
| CA | 0.16 | 0.07 | -0.21 |
| CG | 0.08 | -0.25 | 0.00 |
| pH | 0.18 | -0.34 | -0.04 |
| OD (mg/L) | -0.16 | -0.24 | 0.00 |



OPEN ACCESS



This is an open access article under the terms of the Creative Commons Attribution License, which permits use, distribution and reproduction in any medium, provided the original work is properly cited.

Distributed under Creative Commons CC-BY 4.0

© 2023 The Authors.
Diversity and Distributions Published by SBI



Official Journal of the
Sociedade Brasileira de Ictiologia

HOW TO CITE THIS ARTICLE

- **Garcia TO, Benone NL, Prudente BS, Torres NR, Bunn SE, Kennard MJ, Montag LFA.** The influence of landscape at multiple spatial scales of the river basins at the Eastern Amazon fish assemblage. *Neotrop Ichthyol.* 2023; 21(2):e220044. <https://doi.org/10.1590/1982-0224-2022-0044>



Official Journal of the
Sociedade Brasileira de Ictiologia