Ignasi Arranz, Bertrand Fournier, Nigel P. Lester, Brian J. Shuter, and Pedro R. Peres-Neto. Species compositions mediate biomass conservation: the case of lake fish communities. Ecology.

Appendix S6. Correlation among environmental variables

**Table S1.** Pearson’s correlation table with the coefficients among the environmental variables. DEPMAX, maximum depth, m; DEPMN, mean depth, m; MAT, mean annual air temperature, °C; GDD, growing degree days > 5 °C, L10AREA, surface area, km2; L10COND, conductivity, µS·cm-1; DOC, dissolved organic carbon, mg·l-1; L10SEC, summer Secchi depth, m; L10TP, total phosphorus, µg·l-1.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | DEPMAX | MAT | GDD | L10AREA | L10DEPMN | L10COND | DOC | L10SEC |
| MAT | 0.076 |  |  |  |  |  |  |  |
| GDD | 0.073 | **0.907** |  |  |  |  |  |  |
| L10AREA | 0.392 | -0.209 | -0.074 |  |  |  |  |  |
| L10DEPMN | **0.824** | 0.147 | 0.144 | 0.239 |  |  |  |  |
| L10COND | -0.122 | 0.208 | 0.231 | 0.177 | -0.17 |  |  |  |
| DOC | -0.391 | -0.513 | -0.42 | 0.025 | -0.51 | 0.047 |  |  |
| L10SEC | 0.452 | 0.404 | 0.301 | -0.051 | **0.564** | 0.017 | **-0.759** |  |
| L10TP | -0.483 | -0.12 | -0.012 | 0.086 | -0.504 | 0.387 | **0.574** | -0.607 |