Table S1. Pearson-correlation matrix for all water quality variables and leaf nutrients (N = 41).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Dissolved oxygen | Conductivity | Water temperature | Water depth | pH | Leaf %P | Leaf %N |
| Water Tannin Concentration | r | -0.18 | 0.45 | 0.35 | -0.37 | -0.42 | -0.32 | -0.17 |
| P | 0.26 | < 0.01 | 0.03 | 0.02 | 0.01 | 0.04 | 0.29 |
| Dissolved Oxygen | r |  | 0.17 | 0.50 | -0.21 | 0.48 | 0.16 | 0.26 |
| P |  | 0.30 | < 0.01 | 0.19 | < 0.01 | 0.31 | 0.10 |
| Conductivity | r |  |  | 0.33 | -0.44 | -0.16 | -0.16 | 0.01 |
| P |  |  | 0.04 | < 0.01 | 0.31 | 0.33 | 0.93 |
| Water Temperature | r |  |  |  | -0.46 | 0.05 | -0.19 | 0.09 |
| P |  |  |  | < 0.01 | 0.76 | 0.24 | 0.58 |
| Water Depth | r |  |  |  |  | 0.15 | 0.26 | -0.18 |
| P |  |  |  |  | 0.36 | 0.10 | 0.26 |
| pH | r |  |  |  |  |  | 0.45 | 0.11 |
| P |  |  |  |  |  | < 0.01 | 0.49 |
| Leaf % Phosphorous  | r |  |  |  |  |  |  | 0.46 |
| P |  |  |  |  |  |  | < 0.01 |