|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Response** | **Input** | **Sign** | **Slope** | **R2** | **F-stat** | **df** | **p-value** |
| ShannonFish | Canopy | - | 0.009 | 0.448 | 6.490 | 1 | 0.034 \* |
| ShannonFish | Conductivity | - | 0.274 | 0.406 | 5.464 | 1 | 0.048 \* |
| ShannonFish | Flash Index | + | 0.339 | 0.024 | 0.193 | 1 | 0.672 |
| ShannonFish | Low Flow Pulse % | - | 0.031 | 0.339 | 4.102 | 1 | 0.077 |
| ShannonFish | NH4+ | - | 4.647 | 0.446 | 6.431 | 1 | 0.035 \* |
| ShannonFish | Precipitation | + | 0.017 | 0.602 | 12.101 | 1 | 0.008 \* |
| ShannonFish | Rosgen Index | + | 0.021 | 0.027 | 0.224 | 1 | 0.649 |
| ShannonInvert | Canopy | - | 0.000 | 0.000 | 0.002 | 2 | 0.966 |
| ShannonInvert | Conductivity | - | 0.134 | 0.802 | 0.091 | 2 | 0.397 |
| ShannonInvert | Flash Index | + | 0.623 | 0.650 | 0.075 | 2 | 0.443 |
| ShannonInvert | Low Flow Pulse % | - | 0.035 | 5.591 | 0.411 | 2 | 0.046 \* |
| ShannonInvert | NH4+ | - | 0.065 | 0.001 | 0.000 | 2 | 0.98 |
| ShannonInvert | Precipitation | - | 0.003 | 0.141 | 0.017 | 2 | 0.717 |
| ShannonInvert | Rosgen Index | - | 0.054 | 1.612 | 0.168 | 2 | 0.24 |