

## ANOVA of GLM

ANOVA(GLM(Alpha.Score ~ Temperature\*Time), type = 2); Exposed fish

| term                          | statistic | df    | p.value     | sig |
|-------------------------------|-----------|-------|-------------|-----|
| Shannon                       |           |       |             |     |
| Temperature                   | 9.895     | 2.000 | 0.007       | **  |
| Pathology.Results             | 0.569     | 1.000 | $\geq 0.25$ | ns  |
| Temperature:Pathology.Results | 0.997     | 2.000 | $\geq 0.25$ | ns  |
| Simpson                       |           |       |             |     |
| Temperature                   | 13.663    | 2.000 | 0.001       | **  |
| Pathology.Results             | 1.134     | 1.000 | $\geq 0.25$ | ns  |
| Temperature:Pathology.Results | 0.999     | 2.000 | $\geq 0.25$ | ns  |
| Richness                      |           |       |             |     |
| Temperature                   | 8.625     | 2.000 | 0.013       | *   |
| Pathology.Results             | 0.840     | 1.000 | $\geq 0.25$ | ns  |
| Temperature:Pathology.Results | 0.495     | 2.000 | $\geq 0.25$ | ns  |
| Phylogenetic                  |           |       |             |     |
| Temperature                   | 8.874     | 2.000 | 0.012       | *   |
| Pathology.Results             | 0.625     | 1.000 | $\geq 0.25$ | ns  |
| Temperature:Pathology.Results | 0.674     | 2.000 | $\geq 0.25$ | ns  |