| **Dataset** | **Term** | **DF** | **Variance** | **% Variance** | **T** | ***p*** |
| --- | --- | --- | --- | --- | --- | --- |
| All | Salinity | 1 | 754 | 2.9% | 6.7 | **< 0.001** |
| Oxygen | 1 | 472 | 1.8% | 4.2 | **< 0.001** |
| √Size Class | 1 | 1581 | 6.1% | 14.0 | **< 0.001** |
| Residual | 71 | 8034 | 31.0% |  |  |
| Particle Associated | Salinity | 1 | 745 | 2.9% | 7.2 | **< 0.001** |
| Oxygen | 1 | 509 | 2.0% | 4.9 | **< 0.001** |
| √Size Class | 1 | 1771 | 6.8% | 17.1 | **< 0.001** |
| Residual | 62 | 6412 | 24.8% |  |  |
| ≥ 5 Micron Particles | Salinity | 1 | 524 | 2.0% | 7.4 | **< 0.001** |
| Oxygen | 1 | 427 | 1.6% | 6.0 | **< 0.001** |
| √Size Class | 1 | 926 | 3.6% | 13.1 | **< 0.001** |
| Residual | 53 | 3748 | 14.5% |  |  |