|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **Dunn's test (Bonferroni adjustment)** | |
| **Parameters** | **p values of Kruskal-Wallis test** | **p values** | **True differences between days** |
| **NO3-/NO2-** | 2.2 x10-16 | 0.068 | 1-2 |
|  |  | 4.7 x 10-8 | 1-3 |
|  |  | < 2.0 x 10-16 | 1-4 |
|  |  | 7.2 x 10-3 | 2-3 |
|  |  | 1.2 x 10-9 | 2-4 |
|  |  | 0.010 | 3-4 |
| **HPO42-** | 2.1 x 10-10 | 3.1 x 10-3 | 1-3 |
|  |  | 4.5 x 10-6 | 1-4 |
|  |  | 3.8 x 10-5 | 2-3 |
|  |  | 1.3 x 10-8 | 2-4 |
| **DOC** | 1.0 x 10-4 | 2.5 x 10-3 | 1-2 |
|  |  | 4.1 x 10-3 | 1-3 |
|  |  | 1.2 x 10-3 | 1-4 |
|  |  | 2.7 x 10-11 | 2-3 |
|  |  | 6.5 10-12 | 3-4 |
| **Chl *a*** | 0.030 | 0.035 | 1-3 |
| **Bacteria** | 1.8 x 10-11 | 4.8 x 10-11 | 1-4 |
|  |  | 1.5 x 10-7 | 2-4 |
|  |  | 1.3 x 10-4 | 3-4 |
| **Viruses** | 6.5 x 10-13 | 5.8 x 10-6 | 1-2 |
|  |  | 0.010 | 1-3 |
|  |  | 7.5 x 10-12 | 2-4 |
|  |  | 8.7 x 10-7 | 3-4 |