# SIMPER Analysis Results for Day -4: HW vs Control

| species | average | sd | ratio | ava | avb | cumsum | p |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Charophyta | 0.203 | 0.169 | 1.199 | 293.749 | 99.457 | 0.365 | 0.401 |
| Dinophyta | 0.130 | 0.131 | 0.998 | 228.716 | 42.859 | 0.599 | 0.083 |
| Cryptophyta | 0.128 | 0.099 | 1.302 | 215.925 | 206.102 | 0.829 | 0.319 |
| Bacillariophyta | 0.071 | 0.036 | 1.983 | 109.057 | 35.663 | 0.956 | 0.177 |
| Ciliophora | 0.014 | 0.015 | 0.925 | 6.313 | 10.402 | 0.980 | 0.608 |
| Chlorophyta | 0.007 | 0.006 | 1.143 | 14.110 | 2.809 | 0.993 | 0.728 |
| Euglenophyta | 0.003 | 0.004 | 0.692 | 6.179 | 0.373 | 0.997 | 0.396 |
| Cyanobacteria | 0.002 | 0.002 | 0.782 | 0.559 | 1.160 | 1.000 | 0.875 |
| Synurophyta | 0.000 | 0.000 |  | 0.000 | 0.000 | 1.000 | 0.001 |

# Species Biomass Comparison for Day -4: HW vs Control

| species | HW\_abundance | Control\_abundance |
| --- | --- | --- |
| Charophyta | 71.106 | 20.007 |
| Dinophyta | 74.612 | 89.375 |
| Cryptophyta | 35.526 | 86.137 |
| Bacillariophyta | 24.821 | 59.015 |
| Ciliophora | 82.079 | 65.695 |
| Chlorophyta | 16.518 | 50.251 |
| Euglenophyta | 77.152 | 60.563 |
| Cyanobacteria | 96.866 | 49.463 |
| Synurophyta | 1.554 | 55.189 |