**Table S2**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Variables** | | **Chl *a*** | **Cya** | **Diat** | **Dino** | **Eug** | **T- Micro** |
| **Autumn** | Naked-C | -0.39 | -0.41 | -0.38 | -0.23 | -0.33 | -0.43 |
| **(n=2)** | Loricate-C | 0.25 | **0.85** | 0.18 | **0.45** | 0.15 | **0.47** |
|  | T-Ciliates | 0.06 | **0.50** | 0.05 | **0.46** | 0.03 | 0.27 |
| **Winter** | Naked-C | -0.21 | -0.10 | 0.23 | -0.06 | -0.15 | 0.24 |
| **(n=2)** | Loricate-C | 0.14 | 0.21 | 0.23 | 0.15 | 0.02 | 0.42 |
|  | T-Ciliates | 0.04 | 0.14 | 0.28 | 0.16 | -0.04 | **0.45** |
| **Spring** | Naked-C | -0.25 | -0.41 | -0.39 | -0.01 | -0.11 | -0.21 |
| **(n=2)** | Loricate-C | -0.11 | 0.08 | 0.23 | -0.03 | 0.21 | 0.11 |
|  | T-Ciliates | -0.30 | -0.20 | -0.06 | -0.05 | 0.01 | -0.12 |
| **Summer** | Naked-C | 0.04 | 0.30 | -0.23 | -0.24 | -0.32 | -0.41 |
| **(n=2)** | Loricate-C | -0.18 | -0.08 | 0.34 | **0.56** | 0.14 | 0.37 |
|  | T-Ciliates | -0.21 | -0.06 | 0.29 | **0.47** | 0.06 | 0.28 |
| **All data** | Naked-C | **-0.28** | **-0.24** | -0.16 | -0.09 | -0.11 | -0.17 |
| **(n=80)** | Loricate-C | **-0.28** | 0.10 | **0.23** | 0.21 | 0.13 | **0.28** |
|  | T-Ciliates | **-0.27** | -0.08 | 0.06 | 0.20 | 0.01 | 0.11 |