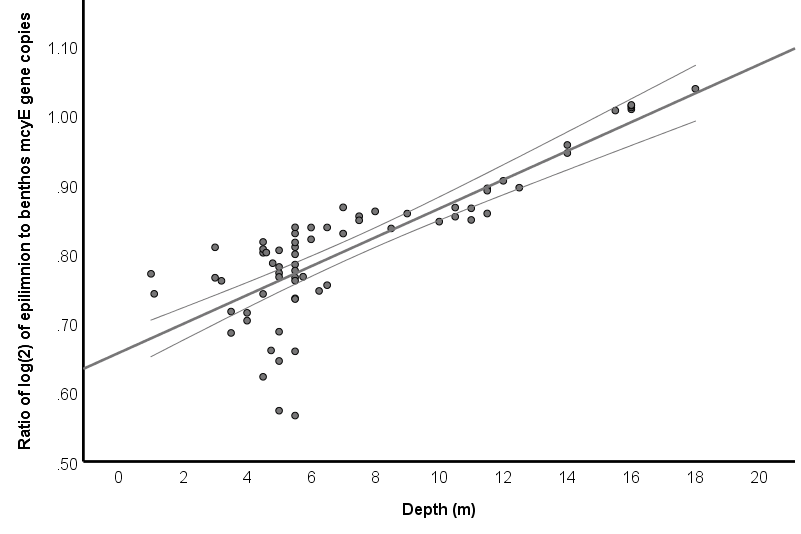
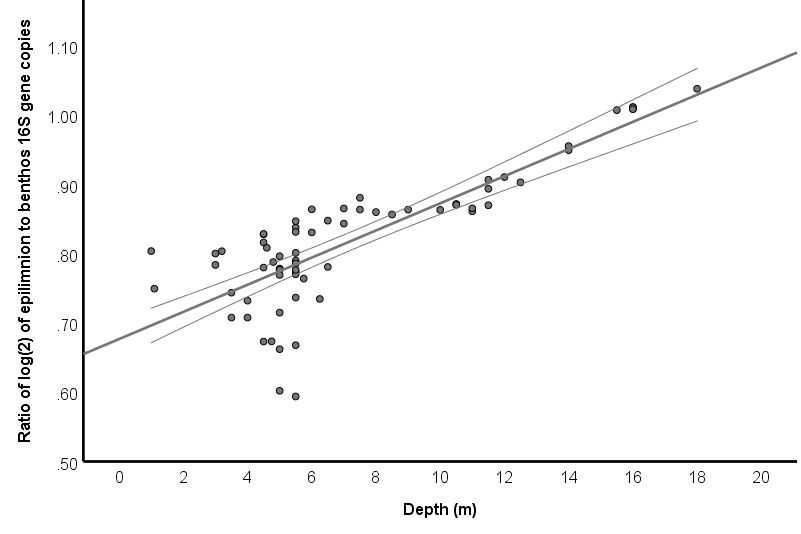
Depth dependent spatiotemporal dynamics of overwintering pelagic *Microcystis* in a temperate water body

Haolun Tiana1, Junjie Jin a1, Bo-jian Chen2a, Daniel D. Lefebvre1, Stephen C. Lougheed1,2and Yuxiang Wang 1,2\*

6. Supplementary Information

**SI Table 1.** Sampling scheme in this study by date

|  |  |  |  |
| --- | --- | --- | --- |
| Sampling Date | # of Surface Samples | # of Bottom Samples | # of Ice Samples |
| 2019-02-07 | 10 | 10 | 0 |
| 2019-02-14 | 10 | 10 | 0 |
| 2019-02-21 | 10 | 10 | 0 |
| 2019-02-28 | 14 | 14 | 15 |
| 2019-03-07 | 15 | 15 | 0 |
| 2019-03-12 | 10 | 10 | 0 |



B)

A)

**SI Figure 1.** Ratio of log transformed *M. aeruginosa* 16S rRNA (A) and *mcyE* (B) concentrations in the epilimnion and benthos plotted against depth in metres near the Gilmour Point, Dog Lake field site. Curved lines represent 95% confidence intervals.