Table S5. Abundance percentage (AP) and species richness in cores from first-year ice (FYI) and multiyear ice (MYI), as well as both (All).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | AP  FYI | AP  MYI | Richness FYI | Richness MYI |
| Bottom 10 cm | 2.01 \*\*\* | -2.56 \* | 2.75 \*\*\* | 2.52 \*\*\* |
|  | (0.43) | (1.04) | (0.07) | (0.14) |
| Bottom >10 cm | -1.68 \* | 0.77 | -1.15 \*\*\* | -0.87 \*\*\* |
|  | (0.73) | (1.17) | (0.20) | (0.19) |
| Mid | -5.06 \*\*\* | 1.76 | -0.68 \*\*\* | -0.07 |
|  | (1.11) | (1.09) | (0.15) | (0.17) |
| Top | -4.47 \*\*\* | 1.87 | -0.53 \*\*\* | -0.23 |
|  | (0.64) | (1.09) | (0.10) | (0.17) |
| N | 148 | 126 | 148 | 126 |
| N (id) | 63 | 42 |  |  |
| AIC | 106.31 | 145.61 | 963.04 | 793.03 |
| BIC | 121.30 | 159.79 | 978.03 | 807.21 |
| R2 (fixed) | 0.59 | 0.11 | 0.28 | 0.25 |
| R2 (total) | 0.59 | 0.11 | 0.78 | 0.75 |
| N (prop) |  |  | 145 | 125 |
| \*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05. | | | | |