**Table S4** Analysis of similarities (ANOSIM) showed seasonal variation in zooplankton community based on Jaccard and Bray-curtis distance.

|  |  |  |  |
| --- | --- | --- | --- |
| **Samples** | **18S** |  | **COI** |
| **Jaccard distance** | **Bray-curtis distance** |  | **Jaccard distance** | **Bray-curtis distance** |
|  | R | *p*-value | R | *p*-value |  | R | *p*-value | R | *p*-value |
| SUM vs. AUT | 0.7960  | 0.0001  | 0.7517  | 0.0001  |  | 0.9705  | 0.0001  | 0.8344  | 0.0001  |
| SUM vs. WIN | 1.0000  | 0.0002  | 0.8570  | 0.0003  |  | 1.0000  | 0.0001  | 1.0000  | 0.0002  |
| SUM vs. SPR | 0.8750  | 0.0001  | 0.7771  | 0.0002  |  | 0.9949  | 0.0002  | 0.9462  | 0.0002  |
| AUT vs. WIN | 0.9798  | 0.0002  | 0.8186  | 0.0001  |  | 1.0000  | 0.0001  | 0.9887  | 0.0002  |
| AUT vs. SPR | 0.8712  | 0.0003  | 0.4331  | 0.0002  |  | 0.9863  | 0.0002  | 0.7366  | 0.0001  |
| WIN vs. SPR | 0.5161  | 0.0002  | 0.0988  | 0.1211  |  | 0.7584  | 0.0002  | 0.4462  | 0.0003  |
| Among four seasons | 0.8393  | 0.0001  | 0.5976  | 0.0001  |  | 0.9489  | 0.0001  | 0.8191  | 0.0001  |