**ESM Table S3. Correlation matrix for predictor variables.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **No. eiders** | **Fertilizer** | **Water temperature** | **Precipitation** | **Mussel stocks** | **Total P in spring** |
| **No. eiders** |  |  |  |  |  |  |
| **Fertilizer** |  0.87 |  |  |  |  |  |
| **Water temperature** |  0.16 |  0.12 |  |  |  |  |
| **Precipitation** | -0.58 | -0.88 | -0.01 |  |  |  |
| **Mussel stock** |  0.82 |  0.62 |  0.11 | -0.88 |  |  |
| **Total P in spring** |  0.78 |  0.82 |  0.32 | -0.65 |  0.40 |  |
| **Total N in spring** |  0.43 | -0.15 |  0.33 |  0.14 | -0.18 | 0.03 |