|  |  |  |
| --- | --- | --- |
| **Variable** | **Mantel r statistic**  | **p-value** |
| Ammonification rate  | 0.042 | 0.258 |
| Total belowground biomass | 0.042 | 0.200 |
| Total aboveground biomass | 0.034 | 0.188 |
| Total biomass | 0.039 | 0.180 |
| Rhizome biomass | 0.063 | 0.103 |
| Root biomass | -0.006 | 0.530 |
| Rao’s Q  | 0.033 | 0.273 |
| Eelgrass genotypic evenness | -0.023 | 0.689 |
| Eelgrass Shannon Diversity | 0.045 | 0.212 |
| Eelgrass average relatedness  | -0.021 | 0.678 |
| June detritus standing stock | - 0.0523 | 0.096 |
| July detritus standing stock | -0.096 | 0.948 |
| August detritus standing stock | - 0.062 | 0.168 |
| Plot decomposition rate | - 0.004 | 0.471 |