|  |  |  |  |
| --- | --- | --- | --- |
| **Response variable** | **Comparison** | **Full model  p (low disturbance)** | **Reduced model p (low disturbance)** |
| Mean **α-**diversity  (meta-ecosystem) | SLLS vs SL | **.002** |  |
| MMMM vs MM |  |  |
| β-diversity  (meta-ecosystem) | SLLS vs SL | **.007** |  |
| MMMM vs MM |  |  |
| γ-diversity  (meta-ecosystem) | SLLS vs SL |  |  |
| MMMM vs MM |  |  |
| Total biomass  (meta-ecosystem) | SLLS vs SL |  |  |
| MMMM vs MM |  | **0.026** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Response variable** | **Comparison** | **Full model  p (low disturbance)** | **Reduced model p (low disturbance)** |
| Biomass  (ecosystem) | SL vs S |  | **.004** |
| SL vs SS |  | **< .001** |
| Ss vs S |  |  |
| MM vs M |  | **.003** |
| LS vs L | **.064** |  |
| LS vs LL |  |  |
| LL vs L | **.071** |  |
| Shannon Index  (ecosystem) | SL vs S | **.001** |  |
| SL vs SS | **< .001** |  |
| Ss vs S |  |  |
| MM vs M |  |  |
| LS vs L | **.048** |  |
| LS vs LL |  |  |
| LL vs L | **.064** |  |