TABLE 2. Model results for the best fitting GLM model without covariates (Table 1) of oyster counts on intertidal reefs in the Big Bend of Florida, where oyster counts = period \* site + locality + offset(log(transect length)). Parameter estimates are on log scale.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Estimate | Std. Error | z value | Pr(>|z|) |
| Intercept | 4.60458 | 0.17666 | 26.065 | < 2e-16 |
| Period | -0.04669 | 0.01374 | -3.399 | 0.000676 |
| Nearshore site | -1.61120 | 0.20049 | -8.036 | 9.25e-16 |
| Offshore site | -2.40687 | 0.21532 | -11.178 | < 2e-16 |
| Corrigan’s Reef | 0.43079 | 0.17852 | 2.413 | 0.015817 |
| Horseshoe Beach | -0.02953 | 0.18247 | -0.162 | 0.871425 |
| Lone Cabbage | -0.10235 | 0.16803 | -0.609 | 0.542459 |
| Period: site Nearshore | 0.02251 | 0.02283 | 0.986 | 0.324294 |
| Period: site Offshore | 0.05412 | 0.02262 | 2.393 | 0.016713 |