| **Term** | **N** | **Estimate***1* | **95% CI***1* | **P** |
| --- | --- | --- | --- | --- |
| Group vs. solo foraging | | | | |
| **(Intercept)** | 3,010 | -0.53 | -1.1, 0.05 | 0.073 |
| **Year** |  |  |  | **<0.001** |
| *year1* | 758 | — | — |  |
| *year2* | 1,075 | 0.60 | 0.26, 0.94 |  |
| *year3* | 1,177 | 0.60 | 0.27, 0.93 |  |
| **Current** | 3,010 | 0.19 | -0.01, 0.38 | 0.058 |
| **Time to high tide** | 3,010 | -0.24 | -0.35, -0.12 | **<0.001** |
| **Plankton** |  |  |  | 0.55 |
| *0* | 431 | — | — |  |
| *1* | 990 | -0.16 | -0.45, 0.13 |  |
| *2* | 1,589 | -0.14 | -0.45, 0.18 |  |
| **Number of mantas** | 3,010 | 0.23 | 0.11, 0.36 | **<0.001** |
| **sdi** | 3,010 | 0.73 |  |  |
| **sdsite** | 3,010 | 0.34 |  |  |
| Group size | | | | |
| **(Intercept)** | 1,727 | 1.6 | 1.4, 1.9 | **<0.001** |
| **Year** |  |  |  | **<0.001** |
| *year1* | 406 | — | — |  |
| *year2* | 658 | -0.33 | -0.43, -0.22 |  |
| *year3* | 663 | 0.01 | -0.09, 0.11 |  |
| **Current** | 1,727 | -0.14 | -0.20, -0.08 | **<0.001** |
| **Time to high tide** | 1,727 | -0.01 | -0.04, 0.03 | 0.70 |
| **Plankton** |  |  |  | **<0.001** |
| *0* | 230 | — | — |  |
| *1* | 522 | -0.19 | -0.28, -0.10 |  |
| *2* | 975 | 0.00 | -0.10, 0.09 |  |
| **Number of mantas** | 1,727 | 0.13 | 0.09, 0.16 | **<0.001** |
| **sdi** | 1,727 | 0.22 |  |  |
| **sdsite** | 1,727 | 0.24 |  |  |
| Group leadership | | | | |
| **(Intercept)** | 1,760 | -0.78 | -0.97, -0.59 | **<0.001** |
| **Sex** |  |  |  | **0.016** |
| *F* | 1,215 | — | — |  |
| *M* | 545 | -0.36 | -0.65, -0.07 |  |
| **Maturity** |  |  |  | 0.57 |
| *1* | 1,115 | — | — |  |
| *2* | 645 | 0.08 | -0.19, 0.35 |  |
| **Injury status (shark bites)** |  |  |  | 0.54 |
| *0* | 1,557 | — | — |  |
| *1* | 203 | 0.13 | -0.27, 0.52 |  |
| **Injury status (anthropogenic injury)** |  |  |  | 0.39 |
| *0* | 1,392 | — | — |  |
| *1* | 368 | -0.15 | -0.48, 0.19 |  |
| **sdi** | 1,760 | 0.52 |  |  |
| *1*OR = Odds Ratio, CI = Confidence Interval | | | | |