|  |  |  |  |
| --- | --- | --- | --- |
| Fixed Effects | Estimate ± SE | t | P |
| Intercept | 1.107 ± 0.260 | 4.250 | <0.001 |
| Observer: 2 | 0.154 ± 0.062 | 2.471 | 0.017 |
| Observer: 3 | -0.108 ± 0.064 | -1.680 | 0.099 |
| Size | 0.011 ± 0.019 | 0.544 | 0.592 |
| Depth | 0.002 ± 0.003 | 0.643 | 0.526 |
| Conspecifics | -0.024 ± 0.037 | -0.636 | 0.530 |
| Day | -0.027 ± 0.031 | -0.867 | 0.390 |
| Treatment: Transparent | 0.039 ± 0.063 | 0.615 | 0.541 |
| Treatment: Black | -0.016 ± 0.063 | -0.259 | 0.797 |
| Random Effect | Variance |  | SD |
| Individual Clam | 0.022 |  | 0.150 |

Results from linear mixed effects model explaining the difference in the log10 duration of clam hiding time (in sec) following treatment for Experiment 1. No cover control is the reference level for treatment. Observer 1 is the reference level for observer. N = 86.

Results from linear mixed effects model explaining the difference in the log10 duration of clam hiding time (in sec) following treatment for Experiment 2.2. No cover control is the reference level for treatment. N = 86.

|  |  |  |  |
| --- | --- | --- | --- |
| Fixed Effects | Estimate ± SE | t | P |
| Intercept | 0.463 ± 0.372 | 1.247 | <0.001 |
| Size | 0.077 ± 0.035 | 2.181 | 0.038 |
| Depth | -0.001 ± 0.003 | -0.234 | 0.816 |
| Conspecifics | -0.007 ± 0.050 | -0.143 | 0.887 |
| Day | -0.065 ± 0.039 | 1.672 | 0.100 |
| Treatment: Transparent | 0.171 ± 0.078 | 2.210 | 0.031 |
| Treatment: Black | 0.427 ± 0.076 | 5.582 | <0.001 |
| Random Effect | Variance |  | SD |
| Individual Clam | 0.023 |  | 0.153 |

Results from linear model explaining the difference in the log10 duration of clam hiding time (in sec) following treatment for Experiment 3. No cover control is the reference level for treatment. N = 11.

|  |  |  |  |
| --- | --- | --- | --- |
| Fixed Effects | Estimate ± SE | t | P |
| Intercept | 2.174 ± 0.728 | 2.986 | 0.031 |
| Size | -0.087 ± 0.100 | -0.877 | 0.421 |
| Depth | -0.007 ± 0.008 | -0.798 | 0.461 |
| Conspecifics | 0.135 ± 0.284 | 0.474 | 0.656 |
| Treatment: Transparent | 0.312 ± 0.271 | 1.152 | 0.301 |
| Treatment: Black | 0.478 ± 0.244 | 1.962 | 0.107 |