|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S1 Table.** Experiment 1. | | | | |
| ***Modiolus modiolus*** | | | | |
| **Variable** | **Estimate** | **Std. Error** | **z value** | **p-value** |
| (Intercept) | -5.92 | 1.91 | -3.101 | **0.00193** |
| Log10Duration | 3.98 | 1.49 | 2.669 | **0.00760** |
| Fine Sediment | -71.12 | 8488.72 | -0.008 | 0.99332 |
| Medium Sediment | -7.58 | 5.07 | -1.494 | 0.23524 |
| Log10Duration:Fine Sediment | 60.58 | 7049.73 | 0.009 | 0.99314 |
| Log10Duration:Medium Sediment | 6.51 | 3.97 | 1.641 | 0.10087 |
| **AIC** | 73.06 |  |  |  |
| **Residual deviance** | 61.06 on 156 degrees of freedom | | |  |
| ***Mytilus edulis*** | | | | |
| **Variable** | **Estimate** | **Std. Error** | **z value** | **p-value** |
| (Intercept) | -9.35 | 1.84 | -5.089 | **3.60 e-07** |
| Log10Duration | 4.61 | 1.09 | 4.228 | **2.35e-05** |
| Fine Sediment | 3.94 | 1.16 | 3.403 | **0.000667** |
| Medium Sediment | 1.91 | 1.16 | 1.641 | 0.100731 |
| **AIC** | 75.89 |  |  |  |
| **Residual deviance** | 67.89 on 156 degrees of freedom | | |  |