**Table S7.** Mean (±SE) clearance rates for different particle size ranges. Model statistics are from full linear mixed effect models.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Particle Size Range** | **Category** | **Treatment** | **Mean (±SE)** | **Model statistics** |
| >5–60μm | Oysters | 8.03 | 0.74±0.38 | df=4.25t=1.85p=0.13R2=0.74n=17 |
| 7.83 | 0.46±0.16 |
| 7.63 | 0.03±0.05 |
| Infested oysters | 8.03 | 0.16±0.07 | df=14t=-0.57p=0.58R2=0.02n=16 |
| 7.83 | 0.47±0.26 |
| 7.63 | 0.32±0.19 |
| Sponges | 8.03 | -0.53±0.13 | df=1.61t=-0.47p=0.69R2=0.04n=16 |
| 7.83 | -1.28±0.52 |
| 7.63 | -0.45±0.12 |
| >2.5–60μm | Oysters | 8.03 | 0.51±0.21 | df=4.30t=2.19p=0.09R2=0.65n=17 |
| 7.83 | 0.29±0.07 |
| 7.63 | 0.03±0.05 |
| Infested oysters | 8.03 | 0.12±0.04 | df=14t=-0.77p=0.46R2=0.04n=16 |
| 7.83 | 0.38±0.17 |
| 7.63 | 0.35±0.14 |
| Sponges | 8.03 | -0.33±0.09 | df=4.98t=-1.05p=0.34R2=0.58n=16 |
| 7.83 | -0.83±0.31 |
| 7.63 | -0.22±0.13 |
| 2.5–5μm | Oysters | 8.03 | 0.50±0.21 | df=4.24t=2.18p=0.09R2=0.63n=17 |
| 7.83 | 0.29±0.07 |
| 7.63 | 0.04±0.05 |
| Infested oysters | 8.03 | 0.12±0.05 | df=14t=-0.74p=0.47R2<0.01n=16 |
| 7.83 | 0.34±0.16 |
| 7.63 | 0.26±0.14 |
| Sponges | 8.03 | -0.23±0.09 | df=5.23t=-1.07p=0.33R2=0.60n=16 |
| 7.83 | -0.67±0.25 |
| 7.63 | -0.12±0.12 |