**Table S10.** Interactive effect of pH and Sponge Infestation (yes/no) on net chemical bioerosion/ net dissolution rates of uninfested oysters and sponge infested oysters. Model statistics are from full linear mixed effect models.

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| --- | --- | --- |
| **Treatment** | **Model statistics** | |
| pH | df=12, t=-0.191, p= 0.852 | R2= 0.178  n= 16 |
| Sponge infestation | df=12, t=-0.833, p= 0.421 |
| pH:Sponge Infestation | df=12, t=0.794, p= 0.442 |