**Table S3**

Results of 3-way analysis of variance (ANOVA) showing the effect of temperature (23oC and 29oC), salinity (27 and 34 ‰) and pH (8.1 and 7.8) on hardness (H) and Young's modulus of elasticity (E) of the calcareous tube in *Hydroides elegans*. Significant effects (*p* < 0.05) are indicated in bold. Data were square root transformed to improve homogeneity of variance.

|  |  |  |  |
| --- | --- | --- | --- |
| Factor |  |  **Hardness** |  ***Elasticity*** |
|  | df | MS | F | p |  | MS | F | p |  |
|  |  |  |  |  |  |  |  |  |  |
| pH  | 1 | 2.923 | 1.937 | 0.177 |  | 440.231 | 1.329 | 0.260 |  |
| Salinity | 1 | 4.215 | 2.794 | 0.108 |  | 626.262 | 1.891 | 0.182 |  |
| Temperature | 1 | 8.444 | **5.597** | 0.026 |  | 1881.850 | **5.683** | 0.025 |  |
| pH × Salinity | 1 | 0.297 | 0.197 | 0.661 |  | 5.875 | 0.018 | 0.895 |  |
| pH × Temperature | 1 | 1.454 | 0.963 | 0.336 |  | 256.348 | 0.774 | 0.388 |  |
| Salinity × Temperature | 1 | 2.554 | 1.693 | 0.206 |  | 513.943 | 1.552 | 0.225 |  |
| pH × Salinity × Temperature | 1 | 0.015 | 0.01 | 0.922 |  | 47.554 | 0.144 | 0.708 |  |
| Error | 24 | 1.509 |  |  |  | 331.164 |  |  |  |