

**Table 3.** Analysis of variance on the arcsine-transformed percent survival data for large surfclams (SL = 26.4 ± 1.5 mm) at Grand Marsh Bay, Gouldsboro, Maine (1-2 December 2021). Experiment was initiated on 27-28 March 2021. Statistically significant sources of variation are boldfaced and in red. (n = 5)

Source	DF	Type I SS	Mean Square	F Value	Pr > F
<b>Box Size</b>	<b>1</b>	<b>6158.084259</b>	<b>6158.084259</b>	<b>60.95</b>	<b>&lt;.0001</b>
<b>Top Thickness</b>	<b>1</b>	<b>121.589631</b>	<b>121.589631</b>	<b>1.20</b>	<b>0.2781</b>
<b>Size x Thickness</b>	<b>1</b>	<b>324.115676</b>	<b>324.115676</b>	<b>3.21</b>	<b>0.0796</b>
<b>Density</b>	<b>2</b>	<b>635.165421</b>	<b>317.582711</b>	<b>3.14</b>	<b>0.0521</b>
<b>Size x Density</b>	<b>2</b>	<b>527.157422</b>	<b>263.578711</b>	<b>2.61</b>	<b>0.0840</b>
<b>Top x Density</b>	<b>2</b>	<b>491.021709</b>	<b>245.510854</b>	<b>2.43</b>	<b>0.0988</b>
<b>Size x Thickness x Density</b>	<b>2</b>	<b>187.532575</b>	<b>93.766288</b>	<b>0.93</b>	<b>0.4023</b>
<b>Error</b>	<b>48</b>	<b>4849.76955</b>	<b>101.03687</b>		
<b>Corrected Total</b>	<b>59</b>	<b>13294.43625</b>			

**Table 4.** Analysis of variance on the untransformed mean absolute growth (final SL - initial SL) of large surfclams at Grand Marsh Bay, Gouldsboro (27-28 March to 1-2 December 2021). Live surfclams were recovered from 52 of 60 boxes making for an unbalanced data set. Type III sums of squares were used in all hypothesis tests.

Source	DF	Type III SS	Mean Square	F Value	Pr > F
<b>Box Size</b>	<b>1</b>	<b>0.23469391</b>	<b>0.23469391</b>	<b>0.11</b>	<b>0.7389</b>
<b>Top Thickness</b>	<b>1</b>	<b>2.77140055</b>	<b>2.77140055</b>	<b>1.33</b>	<b>0.2557</b>
<b>Size x Thickness</b>	<b>1</b>	<b>1.52522285</b>	<b>1.52522285</b>	<b>0.73</b>	<b>0.3973</b>
<b>Density</b>	<b>2</b>	<b>4.13905199</b>	<b>2.06952600</b>	<b>0.99</b>	<b>0.3794</b>
<b>Size x Density</b>	<b>2</b>	<b>0.20299613</b>	<b>0.10149806</b>	<b>0.05</b>	<b>0.9525</b>
<b>Top x Density</b>	<b>2</b>	<b>2.75338537</b>	<b>1.37669269</b>	<b>0.66</b>	<b>0.5220</b>
<b>Size x Thickness x Density</b>	<b>2</b>	<b>1.90609806</b>	<b>0.95304903</b>	<b>0.46</b>	<b>0.6362</b>
<b>Error</b>	<b>40</b>	<b>83.35112263</b>	<b>2.08377807</b>		
<b>Corrected Total</b>	<b>51</b>	<b>98.14591223</b>			

**Table 5.** Analysis of variance on the arcsine-transformed percent survival data for small surfclams (SL = 13.2± 0.74 mm) at Grand Marsh Bay, Gouldsboro, Maine (1-2 December 2021). Experiment was initiated on 27-28 March 2021. Statistically significant sources of variation are boldfaced and in red. (n = 5)

Source	DF	Type I SS	Mean Square	F Value	Pr > F
<b>Box Size</b>	<b>1</b>	<b>6530.125447</b>	<b>6530.125447</b>	<b>28.25</b>	<b>&lt;.0001</b>
<b>Top Thickness</b>	<b>1</b>	<b>416.968950</b>	<b>416.968950</b>	<b>1.80</b>	<b>0.1856</b>
<b>Size x Thickness</b>	<b>1</b>	<b>35.335260</b>	<b>35.335260</b>	<b>0.15</b>	<b>0.6976</b>
<b>Density</b>	<b>2</b>	<b>567.762273</b>	<b>283.881137</b>	<b>1.23</b>	<b>0.3019</b>
<b>Size x Density</b>	<b>2</b>	<b>539.489048</b>	<b>269.744524</b>	<b>1.17</b>	<b>0.3201</b>
<b>Top x Density</b>	<b>2</b>	<b>402.073769</b>	<b>201.036884</b>	<b>0.87</b>	<b>0.4256</b>
<b>Size x Thickness x Density</b>	<b>2</b>	<b>114.552451</b>	<b>57.276226</b>	<b>0.25</b>	<b>0.7816</b>
<b>Error</b>	<b>48</b>	<b>11097.349550</b>	<b>231.19478</b>		
<b>Corrected Total</b>	<b>59</b>	<b>19703.656758</b>			

**Table 6.** Analysis of variance on the untransformed mean absolute growth (final SL - initial SL) of small surfclams at Grand Marsh Bay, Gouldsboro (27-28 March to 1-2 December 2021). Live surfclams were recovered from 53 of 60 boxes making for an unbalanced data set. Type III sums of squares were used in all hypothesis tests. Statistically significant sources of variation are boldfaced and in red.

Source	DF	Type III SS	Mean Square	F Value	Pr > F
<b>Box Size</b>	<b>1</b>	<b>7.37966210</b>	<b>7.37966210</b>	<b>3.70</b>	<b>0.0612</b>
<b>Top Thickness</b>	<b>1</b>	<b>4.88887434</b>	<b>4.88887434</b>	<b>2.45</b>	<b>0.1249</b>
<b>Size x Thickness</b>	<b>1</b>	<b>4.72698946</b>	<b>4.72698946</b>	<b>2.37</b>	<b>0.1312</b>
<b>Density</b>	<b>2</b>	<b>16.03240228</b>	<b>8.01620114</b>	<b>4.02</b>	<b>0.0254</b>
<b>Size x Density</b>	<b>2</b>	<b>4.63926905</b>	<b>2.31963453</b>	<b>1.16</b>	<b>0.3223</b>
<b>Top x Density</b>	<b>2</b>	<b>7.97804999</b>	<b>3.98902499</b>	<b>2.00</b>	<b>0.1481</b>
<b>Size x Thickness x Density</b>	<b>2</b>	<b>6.07634045</b>	<b>3.03817023</b>	<b>1.52</b>	<b>0.2297</b>
<b>Error</b>	<b>41</b>	<b>81.69203210</b>	<b>1.99248867</b>		
<b>Corrected Total</b>	<b>52</b>	<b>129.87784057</b>			

**Table 7.** Analysis of variance on mean number of green crabs from experimental units at Grand Marsh Bay, Gouldsboro, Maine on 1-2 December 2021. Statistically significant sources of variation are boldfaced and in red. (n = 5)

Source	DF	Type I SS	Mean Square	F Value	Pr > F
<b>Box Size</b>	<b>1</b>	<b>2294.016667</b>	<b>2294.016667</b>	<b>37.93</b>	<b>&lt;.0001</b>
<b>Top Thickness</b>	<b>1</b>	<b>50.416667</b>	<b>50.416667</b>	<b>0.83</b>	<b>0.3658</b>
<b>Size x Thickness</b>	<b>1</b>	<b>62.016667</b>	<b>62.016667</b>	<b>1.03</b>	<b>0.3163</b>
<b>Density</b>	<b>2</b>	<b>44.800000</b>	<b>22.400000</b>	<b>0.37</b>	<b>0.6924</b>
<b>Size x Density</b>	<b>2</b>	<b>104.533333</b>	<b>52.266667</b>	<b>0.86</b>	<b>0.4278</b>
<b>Top x Density</b>	<b>2</b>	<b>59.733333</b>	<b>29.866667</b>	<b>0.49</b>	<b>0.6133</b>
<b>Size x Thickness x Density</b>	<b>2</b>	<b>16.533333</b>	<b>8.266667</b>	<b>0.14</b>	<b>0.8726</b>
<b>Error</b>	<b>48</b>	<b>2902.800000</b>	<b>60.475000</b>		
<b>Corrected Total</b>	<b>59</b>	<b>5534.850000</b>			