Table 8. Analysis of variance on the arcsine-transformed percent survival data for large surfclams (SL = 26.4 ± 1.5 mm) at Mud Hole Cove, Beals, Maine (3 December 2021). Experiment was initiated on 1 April 2021. Statistically significant sources of variation are boldfaced and in red. (n = 5)

Source	DF	Type I SS	Mean Square	F Value	Pr > F
Box Size	1	8888.141433	8888.141433	9.99	**0.0027**
Top Thickness	1	3010.287465	3010.287465	3.38	0.0720
Size x Thickness	1	2306.789742	2306.789742	2.59	0.1139
Density	2	2975.778557	1487.889278	1.67	0.1985
Size x Density	2	3197.138430	1598.569215	1.80	0.1767
Top x Density	2	4190.741211	2095.370605	2.36	0.1057
Size x Thickness x Density	2	3298.913245	1649.456622	1.85	0.1676
Error	48	42695.293950	889.48529		
Corrected Total	59	70563.084033			

Table 9. Analysis of variance on the untransformed mean absolute growth (final SL - initial SL) of large surfclams at Mud Hole Cove, Beals, Maine (1 April to 3 December 2021). Live surfclams were recovered from 39 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
Box Size	1	28.12535872	28.12535872	3.72	0.0642
Top Thickness	1	22.38177476	22.38177476	2.96	0.0967
Size x Thickness	1	10.87262539	10.87262539	1.44	0.2407
Density	2	3.17786778	1.58893389	0.21	0.8116
Size x Density	2	24.22999590	12.11499795	1.60	0.2197
Top x Density	2	25.73087594	12.86543797	1.70	0.2011
Size x Thickness x Density	2	1.54721975	0.77360988	0.10	0.9030
Error	27	203.97799060	7.55474040		
Corrected Total	38	363.81755794			

Table 10. Analysis of variance on the arcsine-transformed percent survival data for small surfclams (SL = 13.2± 0.74 mm) at Mud Hole Cove, Beals, Maine (3 December 2021). Experiment was initiated on 1 April 2021. Statistically significant sources of variation are boldfaced and in red. (n = 5)

Source	DF	Type I SS	Mean Square	F Value	Pr > F
Box Size	1	1652.581111	1652.581111	5.10	**0.0285**
Top Thickness	1	692.471409	692.471409	2.14	0.1504
Size x Thickness	1	175.007024	175.007024	0.54	0.4660
Density	2	2424.756580	1212.378290	3.74	**0.0309**
Size x Density	2	2224.899573	1112.449786	3.43	**0.0404**
Top x Density	2	241.168952	120.584476	0.37	0.6913
Size x Thickness x Density	2	209.545187	104.772594	0.32	0.7254
Error	48	15557.901096	324.12294		
Corrected Total	59	23178.330932			

Table 11. Analysis of variance on the untransformed mean absolute growth (final SL - initial SL) of small surfclams at Mud Hole Cove, Beals, Maine (1 April to 3 December 2021). Live surfclams were recovered from 38 of 60 boxes making for an unbalanced data set. A priori contrasts are shown for the Density and Box Size x Thickness x Density source of variation. 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
Box Size	1	21.8109667	21.8109667	3.67	0.0664
Top Thickness	1	0.0429101	0.0429101	0.01	0.9329
Size x Thickness	1	9.9483574	9.9483574	1.68	0.2070
Density	2	48.1830389	24.0915195	4.06	**0.0293**
25 vs. 50 & 100	1	46.7608893	46.7608893	7.87	**0.0094**
50 vs. 100	1	1.4221496	1.4221496	0.24	0.6283
Size x Density	2	18.8402519	9.4201259	1.59	0.2239
Top x Density	2	30.6386265	15.3193132	2.58	0.0951
Size x Thickness x Density	2	148.2246156	74.1123078	12.48	**0.0002**
S x T x 25 vs. 50 & 100	1	9.4534933	9.4534933	1.59	0.2185
S x T x 50 vs. 100	1	138.7711223	138.7711223	23.37	**<0.0001**
Error	26	154.4142250	5.9390087		
Corrected Total	37	474.1687061			

Table 12. Analysis of variance on mean number of green crabs from experimental units at Mud Hole Cove, Beals Maine on 3 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
Box Size	1	20.41666667	20.41666667	4.38	**0.0416**
Top Thickness	1	16.01666667	16.01666667	3.44	0.0699
Size x Thickness	1	6.01666667	6.01666667	1.29	0.2614
Density	2	2.03333333	1.01666667	0.22	0.8047
Size x Density	2	5.43333333	2.71666667	0.58	0.5620
Top x Density	2	2.23333333	1.11666667	0.24	0.7878
Size x Thickness x Density	2	4.43333333	2.21666667	0.48	0.6243
Error	48	223.6000000	4.65833333		
Corrected Total	59	280.1833333			