Table 1. 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
Box Size	1	6158.084259	6158.084259	60.95	<.0001
Top Thickness	1	121.589631	121.589631	1.20	0.2781
Size x Thickness	1	324.115676	324.115676	3.21	0.0796
Density	2	635.165421	317.582711	3.14	0.0521
Size x Density	2	527.157422	263.578711	2.61	0.0840
Top x Density	2	491.021709	245.510854	2.43	0.0988
Size x Thickness x Density	2	187.532575	93.766288	0.93	0.4023
Error	48	4849.76955	101.03687		
Corrected Total	59	13294.43625			

Table 2. 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
Box Size	1	0.23469391	0.23469391	0.11	0.7389
Top Thickness	1	2.77140055	2.77140055	1.33	0.2557
Size x Thickness	1	1.52522285	1.52522285	0.73	0.3973
Density	2	4.13905199	2.06952600	0.99	0.3794
Size x Density	2	0.20299613	0.10149806	0.05	0.9525
Top x Density	2	2.75338537	1.37669269	0.66	0.5220
Size x Thickness x Density	2	1.90609806	0.95304903	0.46	0.6362
Error	40	83.35112263	2.08377807		
Corrected Total	51	98.14591223			

Table 3. 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
Box Size	1	6530.125447	6530.125447	28.25	<.0001
Top Thickness	1	416.968950	416.968950	1.80	0.1856
Size x Thickness	1	35.335260	35.335260	0.15	0.6976
Density	2	567.762273	283.881137	1.23	0.3019
Size x Density	2	539.489048	269.744524	1.17	0.3201
Top x Density	2	402.073769	201.036884	0.87	0.4256
Size x Thickness x Density	2	114.552451	57.276226	0.25	0.7816
Error	48	11097.349550	231.19478		
Corrected Total	59	19703.656758			

Table 4. 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
Box Size	1	7.37966210	7.37966210	3.70	0.0612
Top Thickness	1	4.88887434	4.88887434	2.45	0.1249
Size x Thickness	1	4.72698946	4.72698946	2.37	0.1312
Density	2	16.03240228	8.01620114	4.02	0.0254
Size x Density	2	4.63926905	2.31963453	1.16	0.3223
Top x Density	2	7.97804999	3.98902499	2.00	0.1481
Size x Thickness x Density	2	6.07634045	3.03817023	1.52	0.2297
Error	41	81.69203210	1.99248867		
Corrected Total	52	129.87784057			

Table 5. 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
Box Size	**1**	**2294.016667**	**2294.016667**	**37.93**	**<.0001**
Top Thickness	**1**	**50.416667**	**50.416667**	**0.83**	**0.3658**
Size x Thickness	**1**	**62.016667**	**62.016667**	**1.03**	**0.3163**
Density	**2**	**44.800000**	**22.400000**	**0.37**	**0.6924**
Size x Density	**2**	**104.533333**	**52.266667**	**0.86**	**0.4278**
Top x Density	**2**	**59.733333**	**29.866667**	**0.49**	**0.6133**
Size x Thickness x Density	**2**	**16.533333**	**8.266667**	**0.14**	**0.8726**
Error	**48**	**2902.800000**	**60.475000**		
Corrected Total	**59**	**5534.850000**			