

## Figure Legends

**Figure 66.** Size-frequency distribution of green crabs in two different size boxes at Timber Cove, Gouldsboro, Maine, in January 2023, approximately six months after establishing boxes on 17-18 June 2022. No significant difference in distributions occurred between boxes of different sizes. Insert: Rock crab size-frequency distribution. N refers to the number of crabs measured.

**Figure 67.** Size-frequency distribution of green crabs in boxes at Timber Cove, Gouldsboro, Maine on 4 August 2023. Mean CW =  $25.6 \pm 1.7$  mm (n = 104).

**Figure 68.** Mean percent survival ( $\pm$  95% CI) of cultured Arctic surfclams at Mud Hole Cove, Beals, Maine (3 August 2023). A) Small boxes (horizontal line represents the mean =  $52.1 \pm 10.9\%$ ); B) Large boxes (horizontal line represents the mean =  $29.3 \pm 11.7\%$ ). n = 5.

**Figure 69.** Size-frequency distribution of green crabs from growout boxes of two different sizes at Mud Hole Cove, Beals, Maine (3 August 2023). Upper panel: 2 ft<sup>2</sup> boxes; Lower panel: 4 ft<sup>2</sup> boxes. Distributions were similar between box sizes (G = 6.25, df = 4, P = 0.183), and mean CW was not significantly different between box sizes (F = 1.54, df = 1, 45, P = 0.220). Mean crab density varied significantly between box size with  $4.80 \pm 1.4$  individuals (n = 30) found in the small (2ft<sup>2</sup>) boxes and  $8.83 \pm 2.43$  individuals (n = 30) in the large (4ft<sup>2</sup>) boxes.

**Figure 70.** Mean density of green crabs from large boxes (4ft<sup>2</sup>) at Mud Hole Cove, Beals, Maine (3 August 2023) that received large clams ( $12.4 \pm 0.4$  mm) in June 2022. The horizontal line indicates equal means (P = 0.05). The effect of increasing density was associated with an approximate doubling of the number of green crabs (P = 0.0201; Table 6). (n = 5).

**Figure 71.** Relative growth ( $[(\text{Final SL} - \text{Initial SL}) / \text{Initial SL}]$ ) vs. Initial SL for live surfclams deployed in growout boxes at Mud Hole Cove on 16-17 June 2022 and sampled on 3 August 2023 (413 days).  $r^2 = 0.5305$ , P < 0.0001, df = 1, 410;  $\hat{Y} = 3.233 - 0.1437X$ . A lack-of-fit test indicated a significant departure from linearity (F = 5.24, df = 4, 406, P = 0.0004), but not from a quadratic model ( $r^2 = 0.548$ , F = 1.80, df = 3, 406, P = 0.1457;  $\hat{Y} = 4.341 - 0.321X + 0.006$ ).

**Figure 72.** Least-square means ( $\pm$  SE) from ANCOVA (relative growth vs. initial SL across stocking densities) for large clams ( $12.4 \pm 0.4$  mm) in small boxes (2 ft<sup>2</sup>) across stocking density (60, 100, and 160/box). Significant depression in growth occurred with increasing stocking density (P = 0.0069; Table 7).

Figure 66.

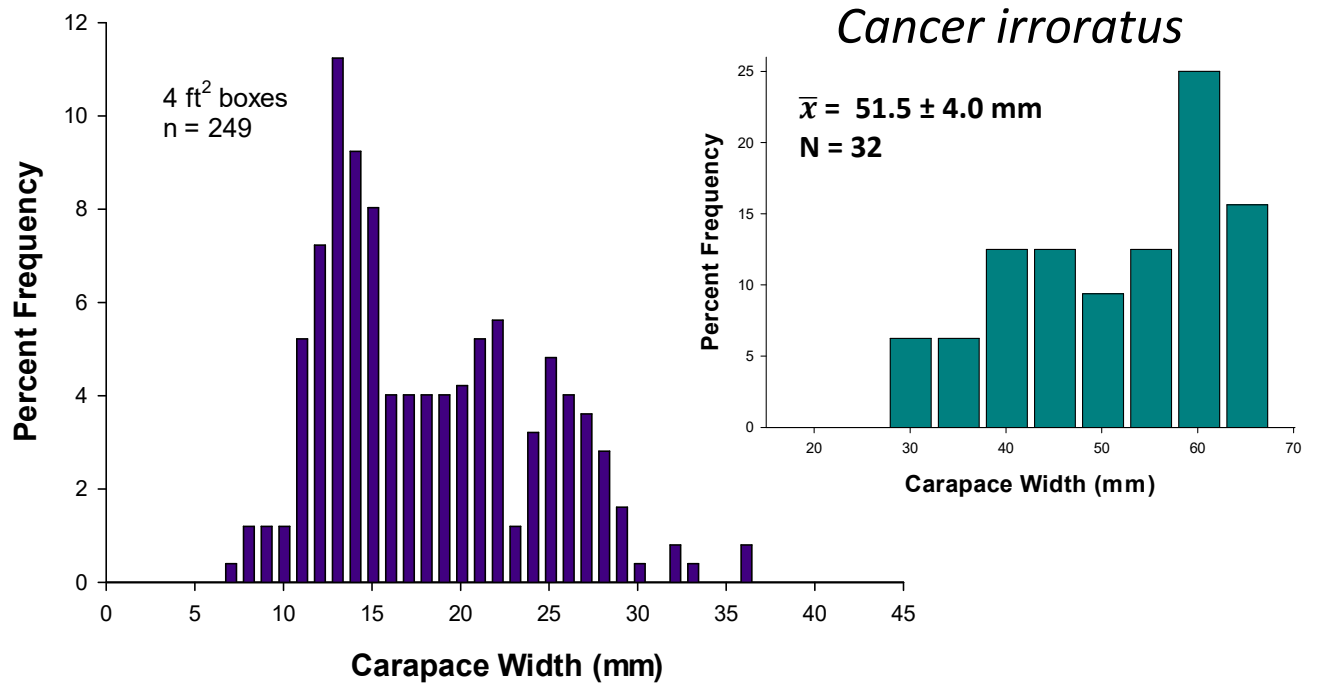
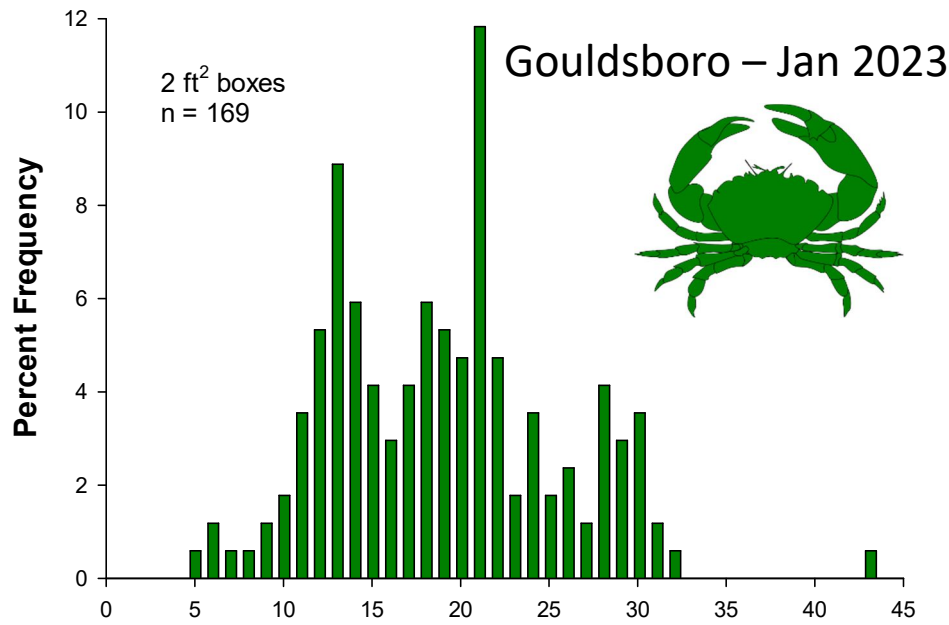


Figure 67.

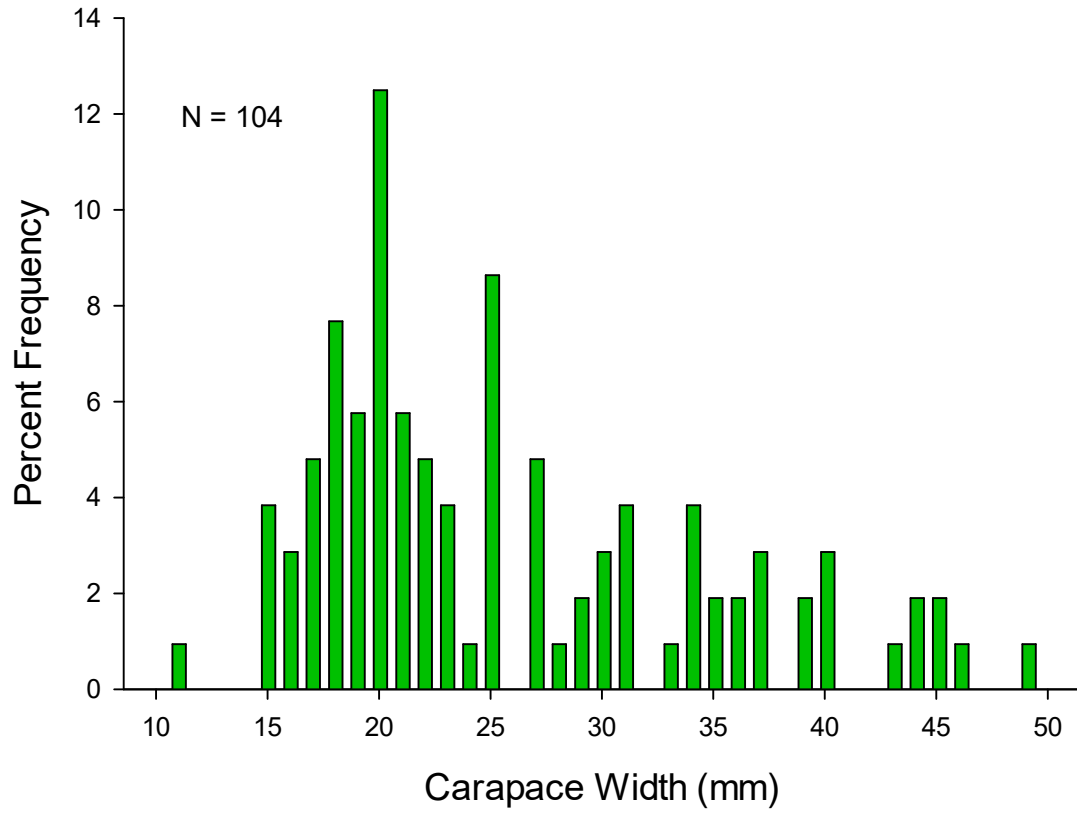


Figure 68.

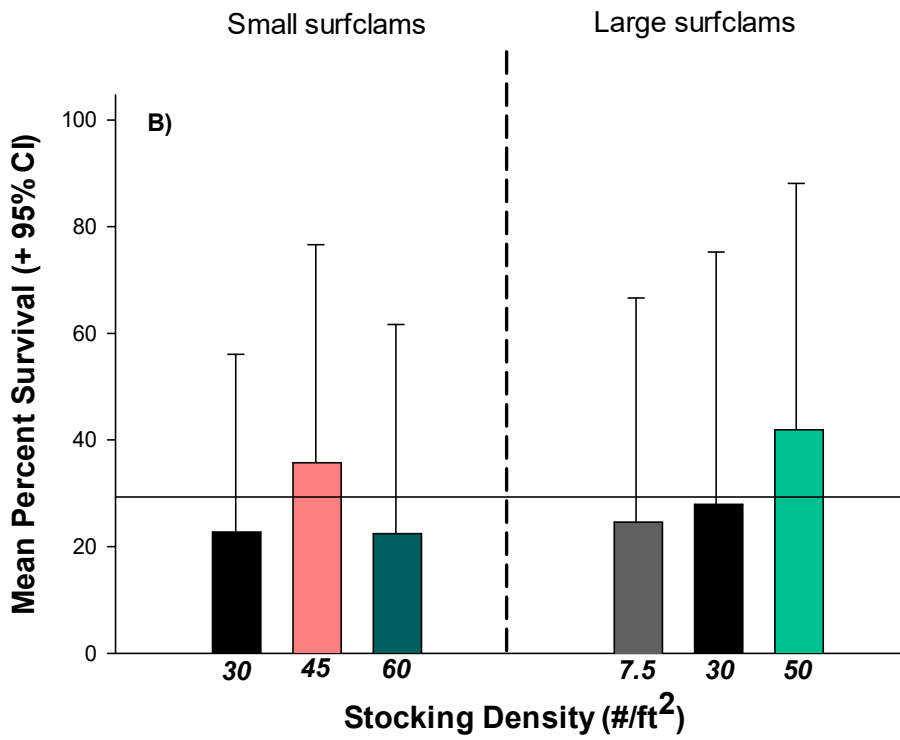
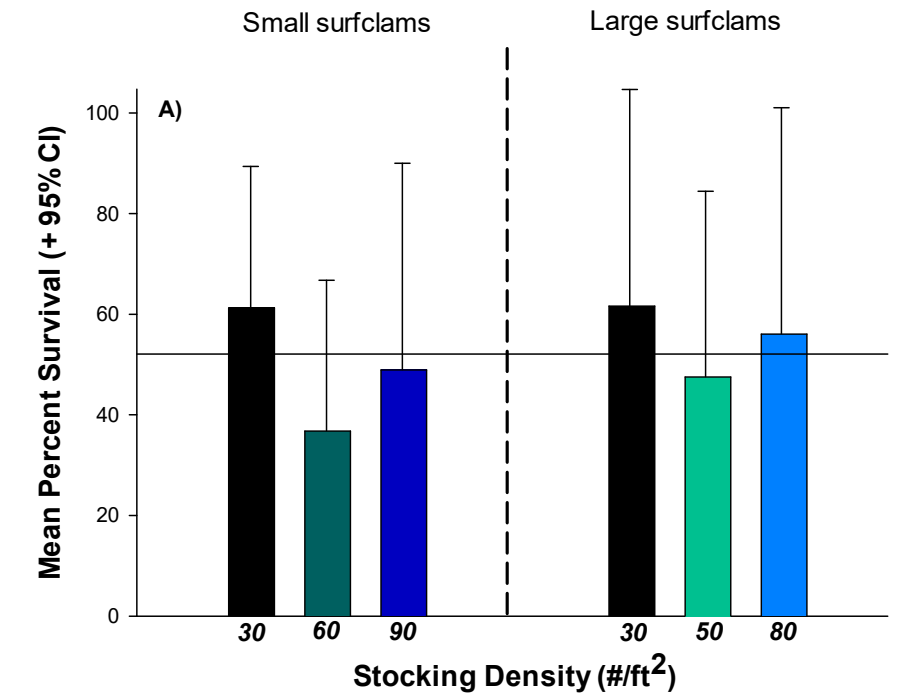


Figure 69.

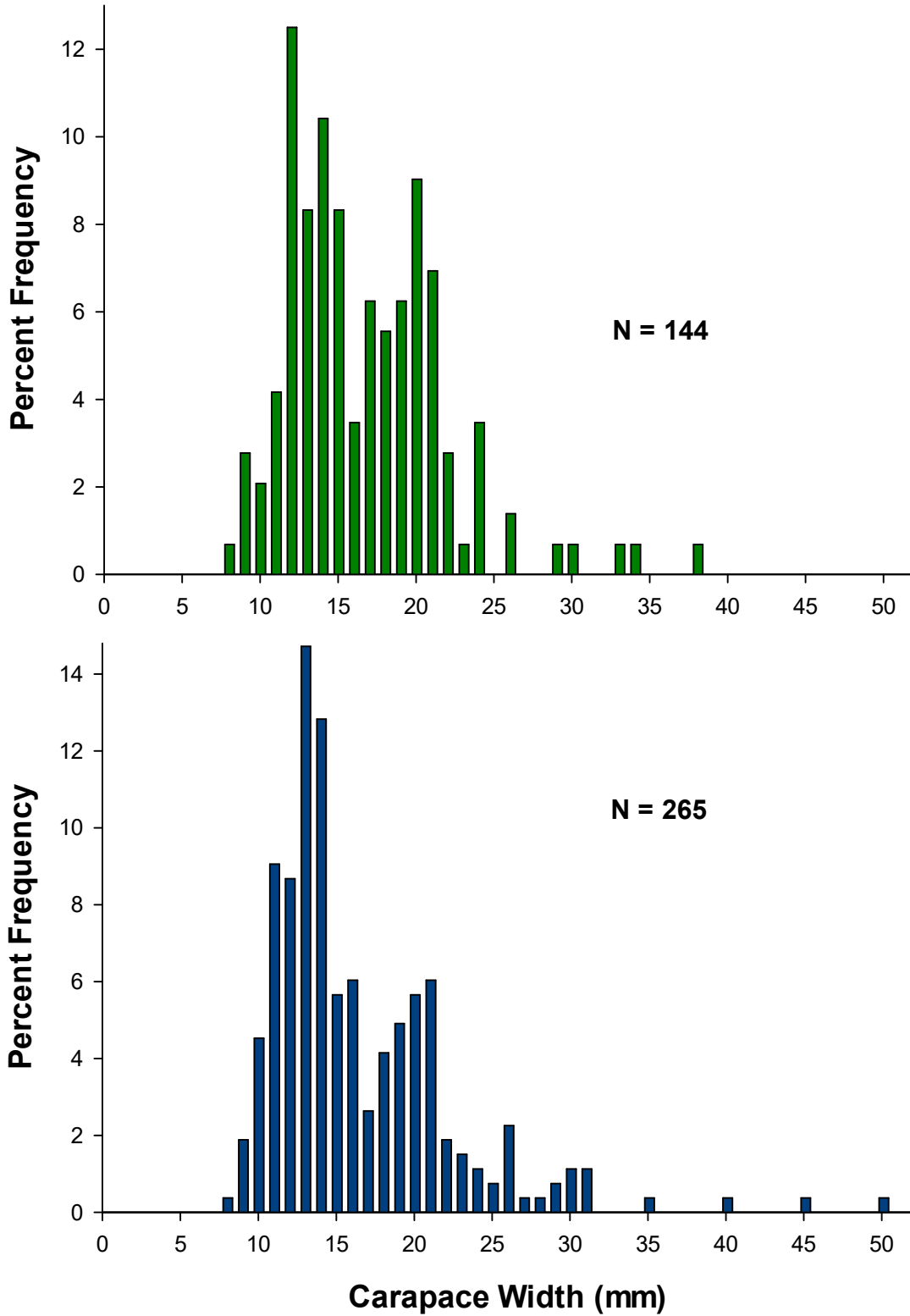


Figure 70.

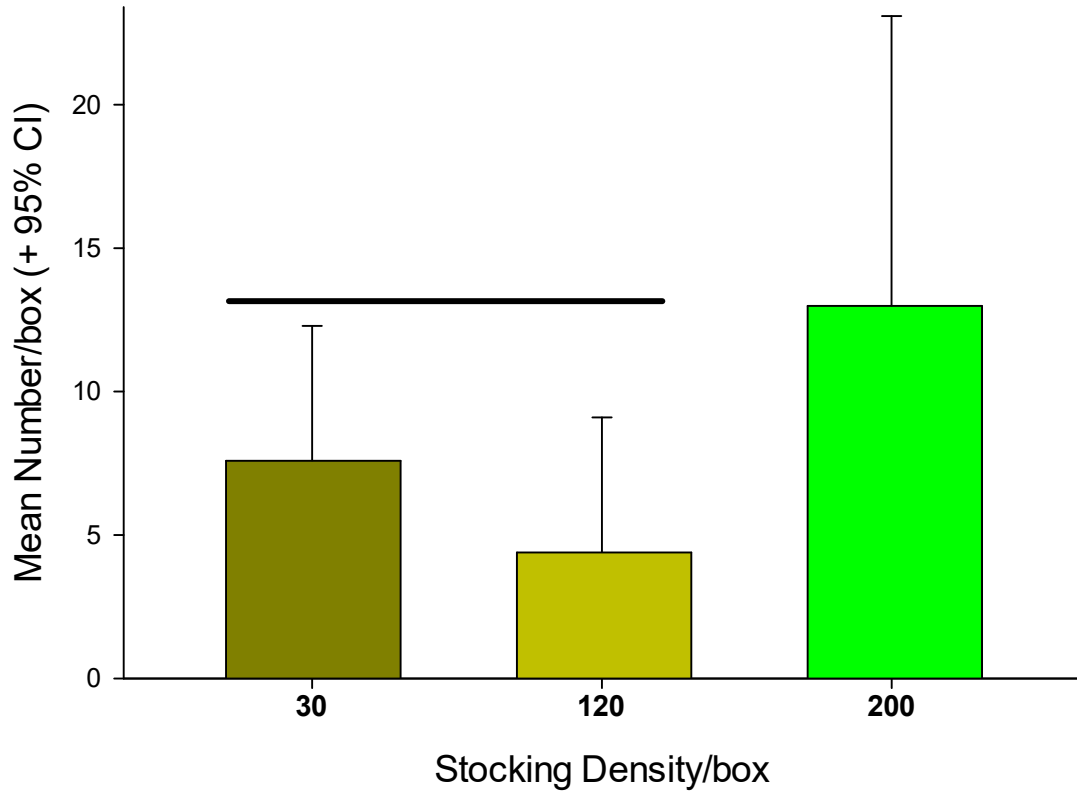


Figure 71.

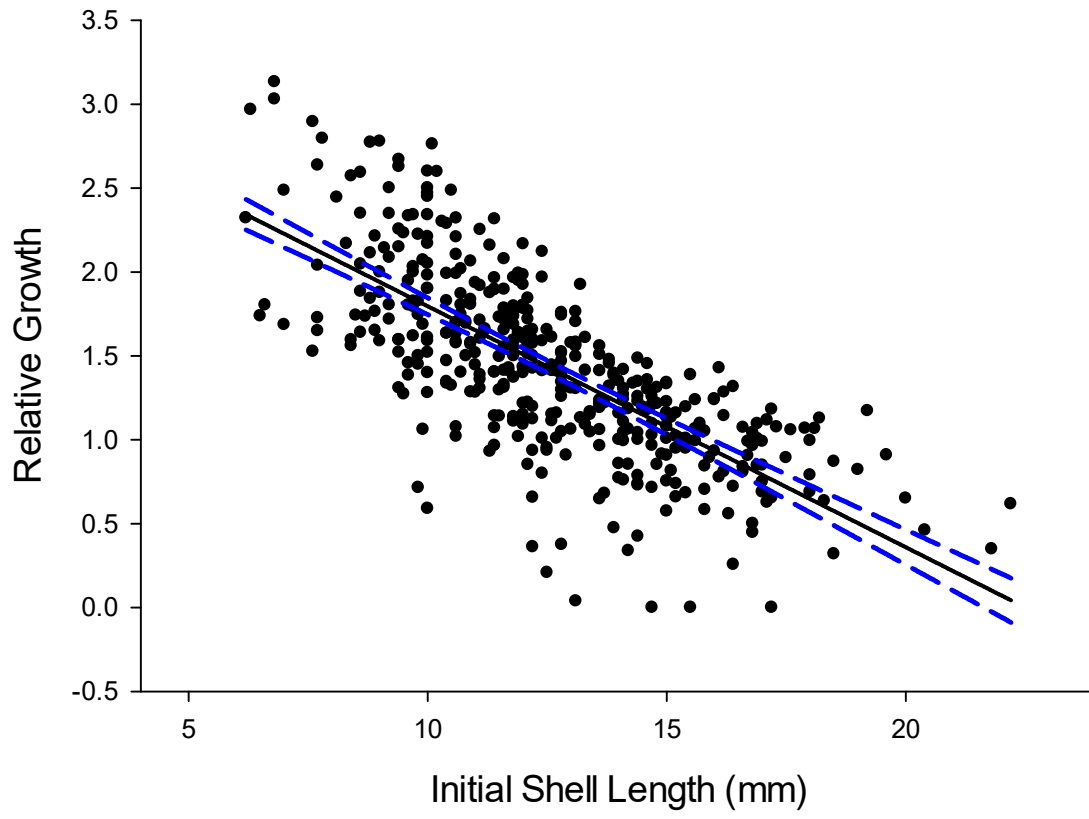


Figure 72.

