

Figure S1: Total number of neophyte (black) and remigrant (grey) nesting hawksbill turtles across all breeding seasons (2001/02-2021/22) on Cousine Island.

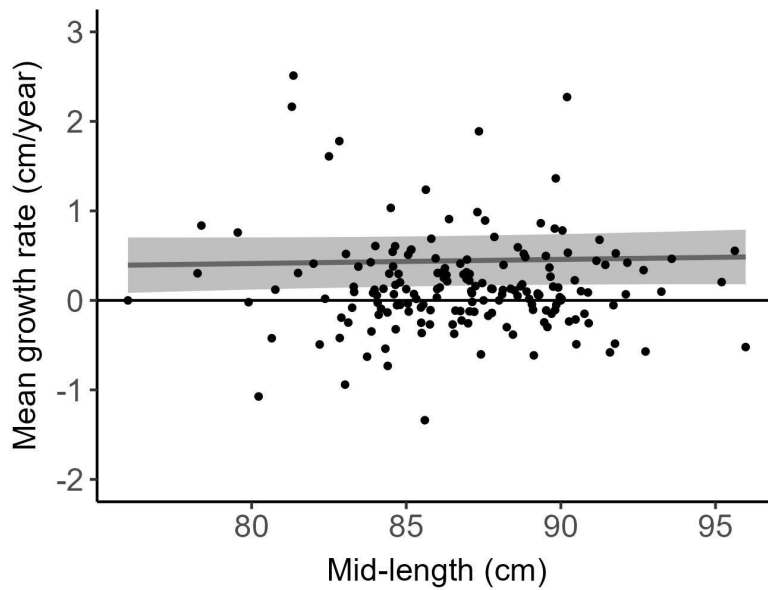


Figure S2: Mean growth rates (cm yr⁻¹) versus mid-length (cm) (mean curved carapace length of two consecutive measurements) for breeding female hawksbills. The solid line is the cubic smoothing spline fitted using a generalized additive model (GAM) with shaded 95% CI.

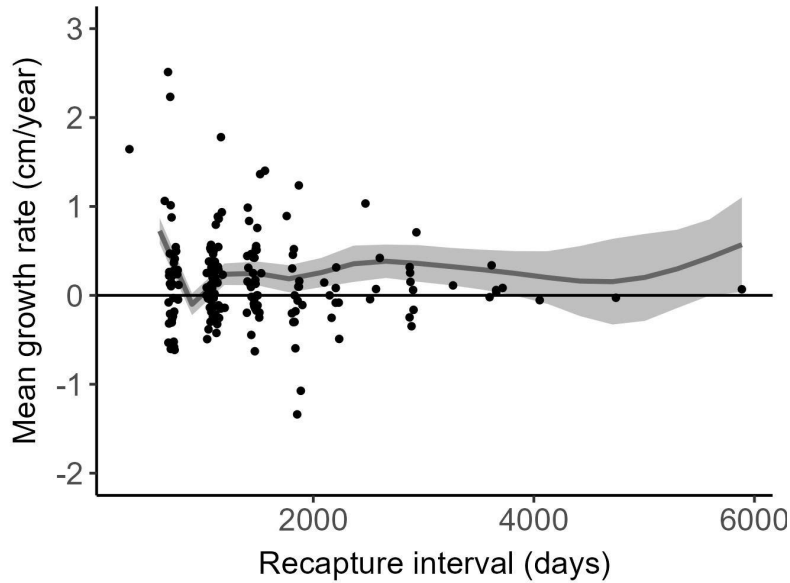


Figure S3: Mean growth rates (cm yr⁻¹) versus recapture interval (days) for breeding female hawksbills. The solid line is the cubic smoothing spline fitted using a generalized additive model (GAM) with shaded 95% CI.

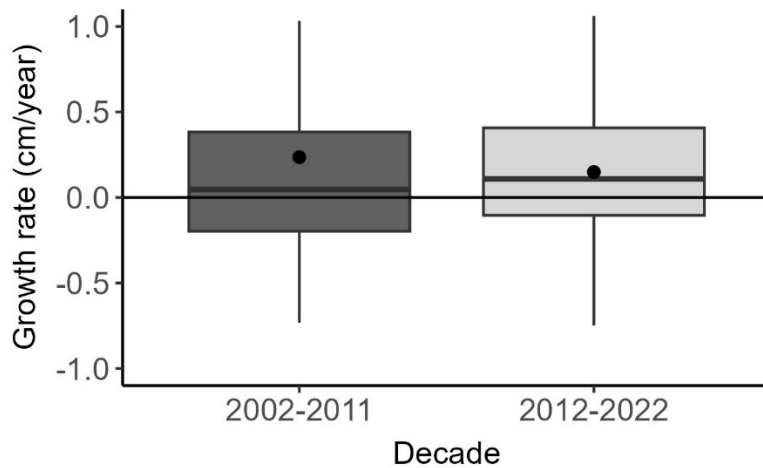


Figure S4: Boxplots for growth rates (cm yr⁻¹) of breeding female hawksbills on Cousine Island for the first (2002–2011) and second (2012–2022) decades of the study. Note: Thick horizontal lines indicate the median values and boxes indicate the inter-quartile range (IQR). Solid points indicate the mean values. Whiskers indicate the minimum and maximum values, excluding outliers. Outliers are determined by the respective quartile minus/plus 1.5 times the IQR and are not shown on the figure.