README

Acanthuridae\_discrete\_bites: This dataset contains all the high-speed bites recorded for this study. The behavioural traits correspond to the ones seen in Figure 1 of the main manuscript.

Acanthuridae\_frequency\_traits: This dataset contains the relative frequency of each behavioural trait for each species filmed.

surgeonfish\_predictions: This dataset contains the upper jaw tooth ratio (uj\_ratio), lower jaw tooth ratio (lj\_ratio), and the predictions made for each species based on the relationship in Figure 5 of the main manuscript.

surgeonfish\_teeth: This dataset contains all the raw values of tooth ratio, for both upper and lower jaw, for all specimens used in the study.

for\_OU: Is the dataset used for the Orstein Uhlenbeck models.

bitespace.R and Acanthuridae.R: These are the R scripts used along with the dataset for the various analyses.