The scientific assessment data for reef fish in Montserrat report fish lengths by *n* number of individuals of species *i*, with the minimum size, maximum size, and mean size of the record group separated by species, surveyor and transect. To make this data comparable with the length data of landed fish, which records all lengths individually I used the function *rtrucnorm* from the R Studio (version 0.99.891) package *truncnorm* (version 1.0-7). This function generates random deviates for specified parameters (n, a, b, mean, sd). The output of this function is *n* randomly generated numbers from a truncated normal distribution with a lower bound (*a*) at the minimum size recorded and upper bound (*b*) the maximum around the recorded mean value. The standard deviation was left to the default value of 1. The function was applied to every recorded observation where *n* is greater than 2 to generate theoretical individual lengths.

For records where *n* is equal to 1 the average size is recorded as one individual species length. Where *n* is equal to 2 the minimum size and maximum size were recorded as two separate individual lengths.