

Data Cleaning for ML - All RFMO data

This notebook combines RFMO catch data with SDM, SST, chl-a, and GFW data for all RFMOs using 5x5 and 1x1 degree grids.

Data that are reported in 1x1 cells are left as is. Data that are reported in 5x5 cells are converted to 1x1 cells using $\text{catch} = \text{catch}/25$.

Data that are reported as counts are left as is. Data that are reported as metric tonnes are converted to count using established length-weight relationships and common lengths from Fishbase to calculate a common weight (mt). Reported catch (mt) is divided by the common weight (mt) to get count.

Combine the data

Convert mt to count

Combine the data

Convert to 1x1 degrees

Combine the data

Convert mt to count

Combine the data