Improving the Analysis of Fisheries Data: An Introduction to R and the Fisheries Library in R (FLR)

FISHREG
Maritime Affairs Unit - IPSC
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Day 1 - Summary

- Installed R and RStudio
- Took a tour of RStudio
- R basics:
    - How to get help (**?**, RSeek, . . .)
    - Objects (single values, vectors, data frames)
    - Assignments ($<$-)
    - Operations (**+**, **mean**, **log()**, . . .)
    - Vectors (subsetting)
    - Special values (**Inf**, **NA**, **NaN**)
    - Introduction to plotting

Day 2 - The Plan

- Morning - Fisheries data exploration
  - More data structures (data frames, arrays)
  - Exploring with plots
  - Basic models

- Afternoon - More fisheries data exploration
  - Basic programming techniques (functions and loops)
  - Mapping
  - Introduction to **ggplot2**