

Project Fisheries - FRB Cesab training

Céline Albert, Samuel Charberet, Lola Gilbert

02/12/2021

The project is available on *github*

1. R work environment

For this project we used:

- * renv
- * Rmarkdown
- * ggplot2
- * Targets

2. Data

2.1. Data extracted

- **Carbone (C), Nitrogen (N), Phosphorus (P)** content (% of dry mass) from Jabot, F. et al., (2020): Dataset for the article “Body stoichiometry of heterotrophs: assessing drivers of interspecific variations in elemental composition”. figshare. Dataset. <https://doi.org/10.6084/m9.figshare.13366310.v1>
- **Tonnage** from *Sea Around Us* We downloaded data for the Barents Sea area on the Website: <https://www.seaaroundus.org/>

2.2. Data manipulation

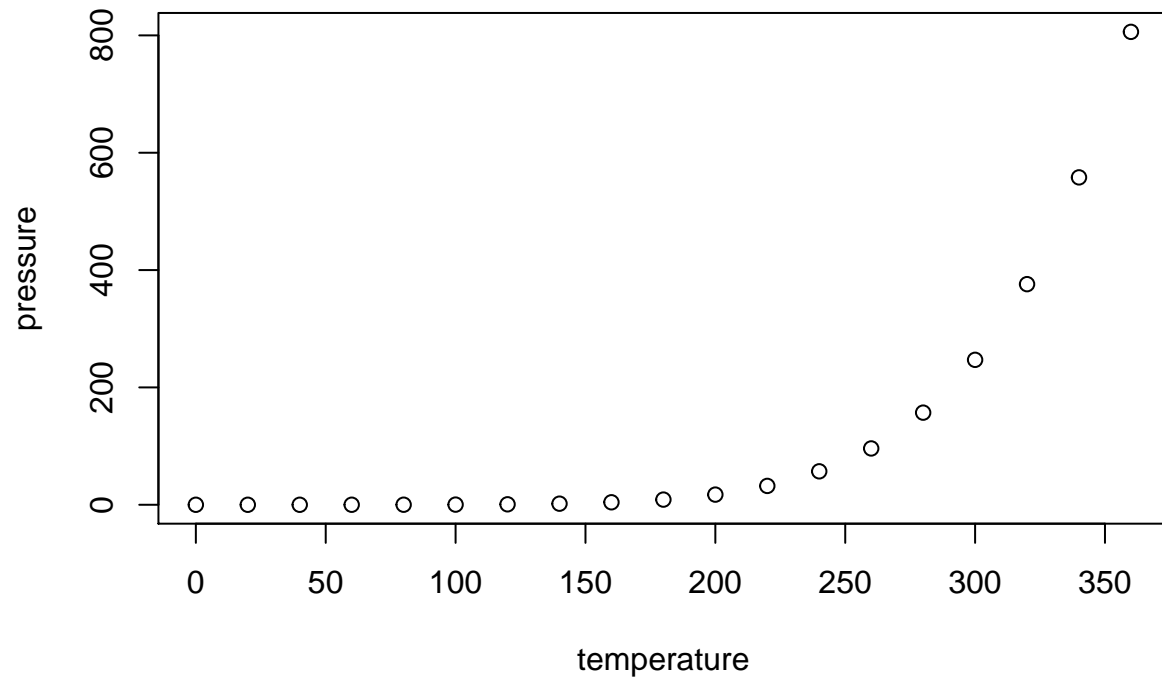
Having two different dataset has required to join them. However, the species name were not exactly noted the same way on the two documents. Therefore we had to do some cleaning/filetering on both datasets.

2.3. Final dataset

Our final dataset contains:

- * Carbone (C)
- * Nitrogen (N)
- * Phosphorus (P)
- * Species (n species of fishes)
- * Tonnage
- * Countries
- * Type of gear

3. Analyses and vizualisation



4. Bibliography