

1. Data Acquisition

Chosen Dataset:

Hörterer, Christina; Petereit, Jessica; Johansen, Johan; Buck, Bela Hieronymus (2023): Body length and body weight of juvenile turbot (*Scophthalmus maximus*) fed with emerging protein sources.

PANGAEA

<https://doi.org/10.1594/PANGAEA.960368>

Questions:

3.1 For what purpose was the dataset created?

This Dataset was created to examine the impact of different, more sustainable feed formulations on the growth of turbot.

3.2 What do the instances that comprise the dataset represent?

Every instance in the dataset represents a turbot at one of the 5 time points of the study. Every turbot appears 5 times in the dataset.

3.3 How was the data associated with each instance acquired?

The data was acquired with a measuring board for the size and a platform scale for the weight, it was therefore directly observable.

3.4 Was any preprocessing/cleaning/labeling of the data done?

For each time point of the Study some turbot were labeled with Sampled or Not Sampled. Factors on which this labeling was based on are not named.

3.5 Is there a repository that links to any or all papers or systems that use the dataset? If so, please provide a link or other access point.

There is a direct link to an article that the Study is related to:

<https://doi.org/10.1007/s10499-022-00859-x>

3.6 Will the dataset be distributed to third parties outside of the entity on behalf of which the dataset was created?

The dataset is openly available at <https://www.pangaea.de/>

3.7 Will the dataset be updated (e.g., to correct labeling errors, add new instances, delete instances)?

It is not directly stated but the dataset belongs to a study from 2019 and therefore it can be expected that this dataset will not be updated. New data will most likely be provided in a new study and its related dataset.

Why is question 3.4 relevant for using the dataset?

Question 3.4 is very important because the way that the data was sampled is not transparently displayed. In this Case Sampling could have been done in a way to substantiate the Statement that fishmeal replacements have no negative impact on the quality of the raised turbot. On the other hand neutral sampling could further validate the study's result.