The data.R script

Preprocess data, write TAF data tables

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ICES
CIEM
Science for sustainable seas

The `data.R` script

After running `taf.bootstrap()`, all the underlying data files have been made ready inside the `bootstrap/data` folder

The purpose of the `data.R` script is to process the underlying data to create the input data that are used in the assessment

It also produces TAF tables showing the main input data

The `data.R` script

The underlying data files may:

- include years and ages that are not used in the stock assessment
  great, let's document in a script how the data are filtered

- be at an earlier stage than the input data used in the stock assessment
  great, let's document in a script how the data are calculated/smoothed/aggregated

- be in any format and are sometimes hard to read, both for humans and machines
  no problem, let's also make the data available as standardized CSV files
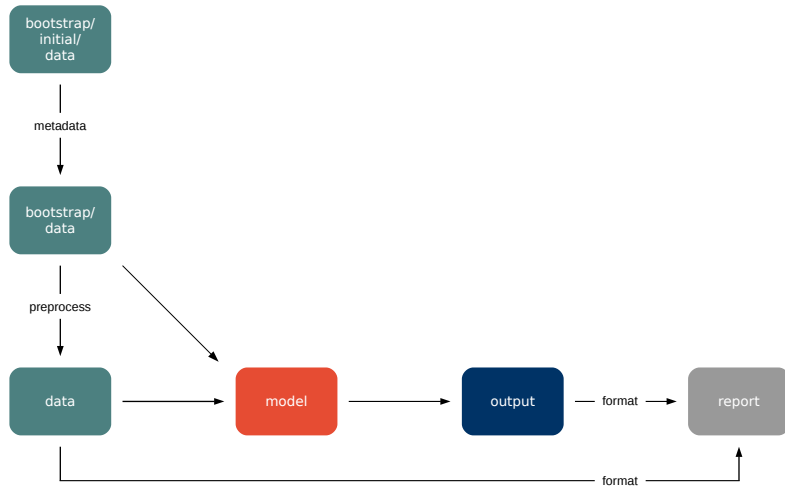
```
## Preprocess data, write TAF data tables

## Before: surveys_all.csv (bootstrap/data)
## After:  survey.csv (data)

library(icesTAF)

mkdir("data")

## 1  Read underlying data from bootstrap/data
...
## 2  Preprocess data
...
## 3  Write TAF tables to data directory
...
```

Data flow

Explore existing data.R scripts

https://github.com/ices-taf