ICES TAF

Transparent Assessment Framework
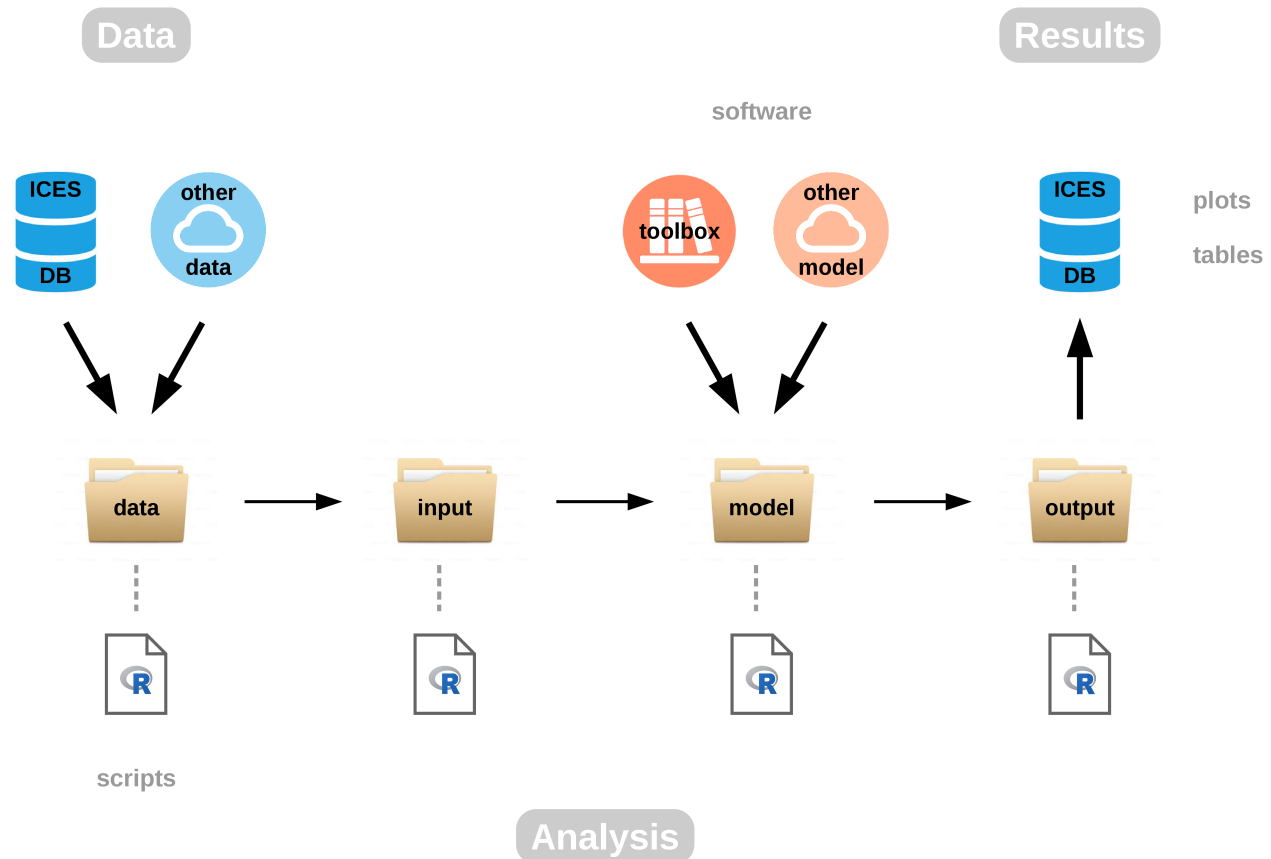
ICES

TAF

Transparent assessment framework?

- Anyone can view/download data, model, and results

- Anyone can run the analysis on any computer

- Official assessment is run on the TAF server

- Data preprocessing is documented as well

How does it work?

- R scripts are run sequentially

- Scientists write the scripts and update them

- Everything is archived in a TAF database

- Can read from GitHub and stockassessment.org

Data

Results

software

ICES DB · other data → **data** → **input** → **model** → **output**

toolbox · other model

ICES DB

plots

tables

scripts

Analysis

What are the benefits?

- Easy to find data and results from final assessment

- Open and reproducible science, improved peer review

- Easy for scientists around the world to get ICES data

- Easy to run an update assessment next year

- If scientist changes jobs, next person can take over

- Existing and future tools can use TAF services

http://taf.ices.dk