Short and Medium Term Forecasts

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Performing projections

Why?

- Requirement of the stock assessment process
- Predict the future
- Understand potential consequences of management actions

Short and Medium term

Results depend on many assumptions

Short Term Forecast (STF)

3 year projection

What is going to happen in the next few years is probably similar to what happened in the last few years

- 'Standard' set up based on average of last few years
- Limited modelling of biology (no SRR)
- Set up lots of F scenarios
- Exploratory
- No uncertainty

Medium Term Forecast

5 - 10 year projection

- Model specific management and biological scenarios
- Includes more biology (SRR)
- Uncertainty

Projections in FLR

Use the *FLash* package

- Set up the future stock object
- Make assumptions about the future
  - weights at age
  - selectivity pattern
  - etc
- Set up the projection 'control'
- Run and explore the results