

American Samoa Model Checks

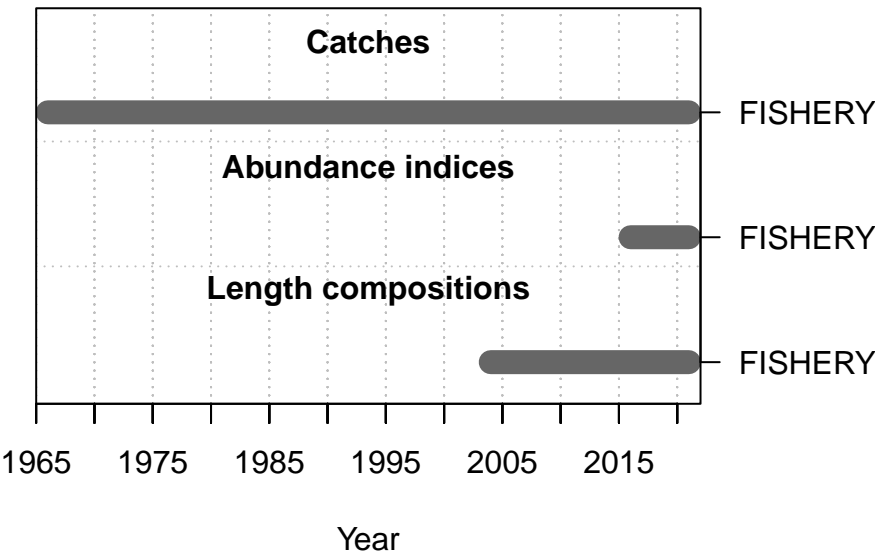
Marc Nadon and Meg Oshima

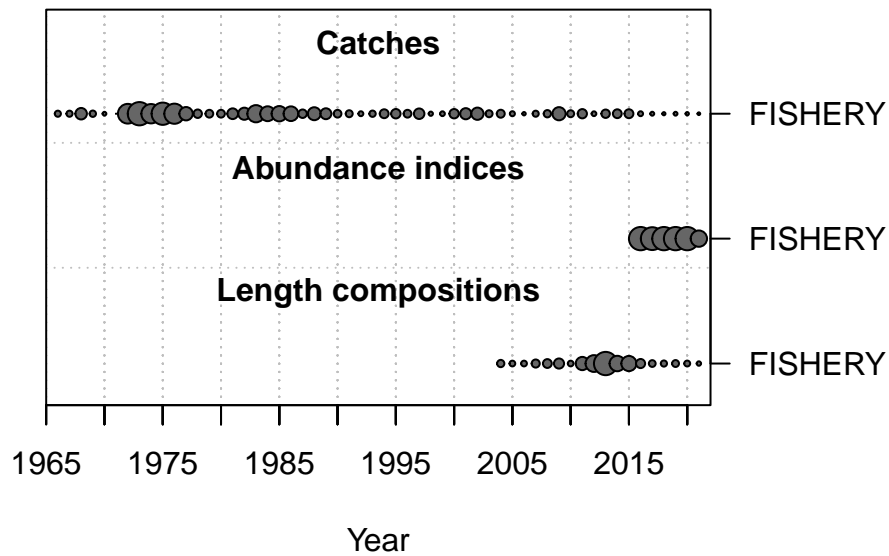
2023-01-13

This is a summary report for the LUKA base model run.

Model Output

Input Data





Convergence Check

```

Converged      MaxGrad
1      TRUE 2.53274e-05

```

```

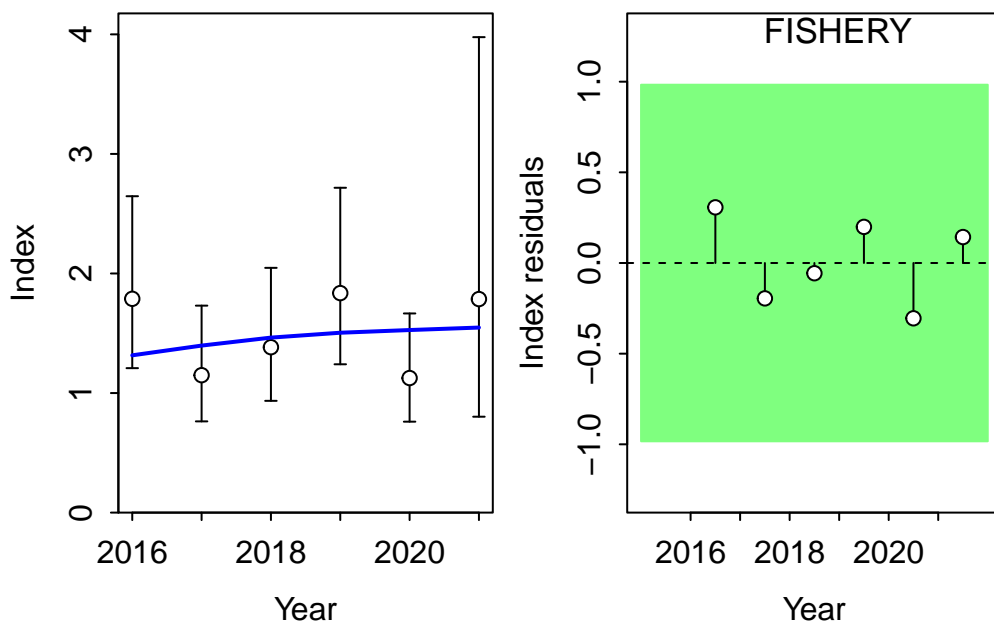
[1] "1 NOTE: Max data length bin: 28 < max pop len bins: 31; so will accumulate larger pop
[2] "2 Forecast F capped by max possible F from control file: 2.9"
[3] "3 Forecast F capped by max possible F from control file: 2.9"
[4] "N warnings: 3"

```

Fit to Model

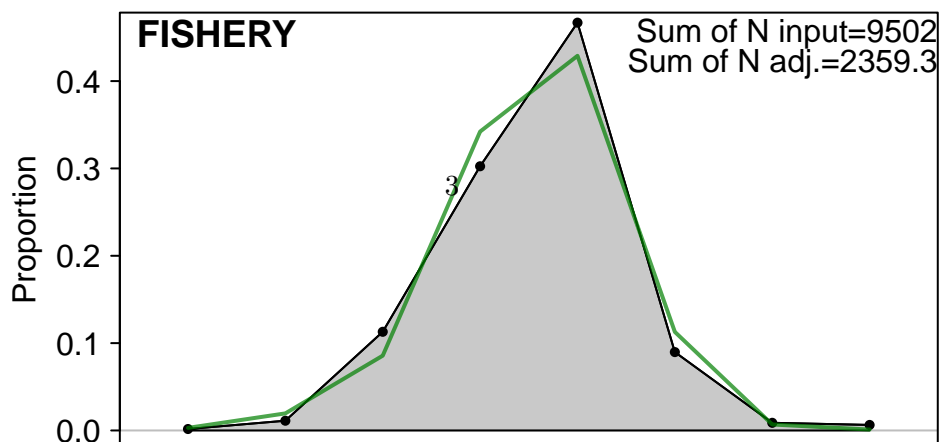
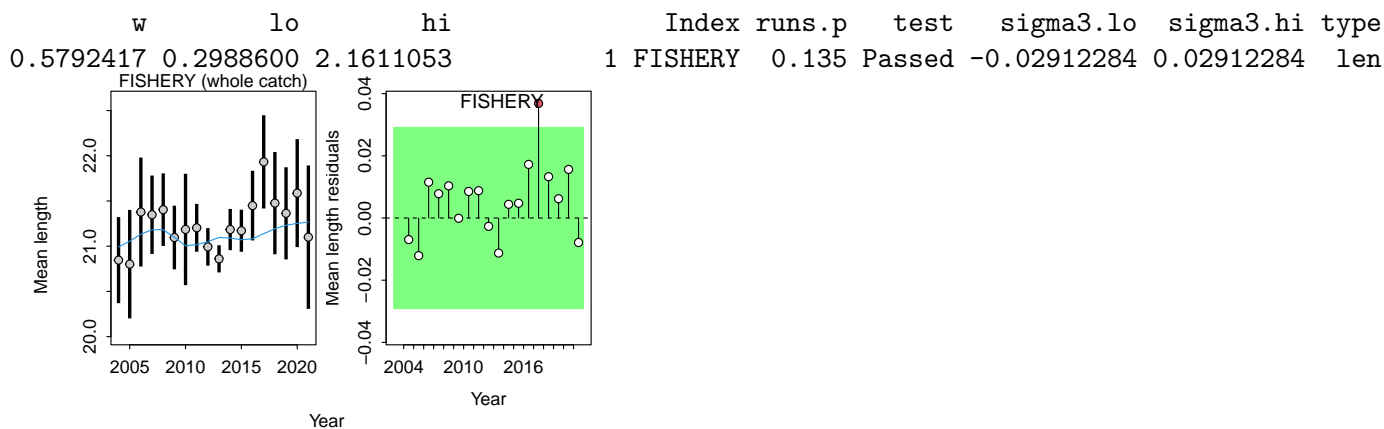
CPUE

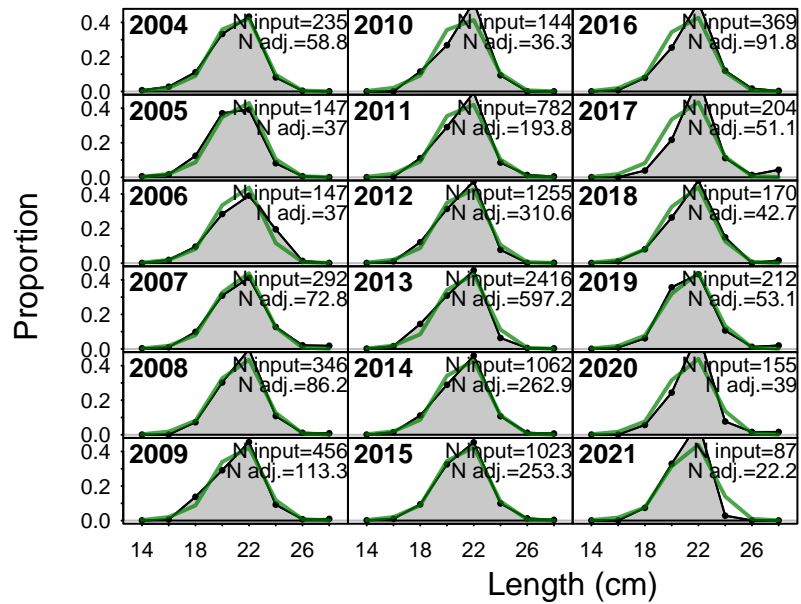
Fleet	RMSE.perc	Nobs
FISHERY	21.9	6
Combined	21.9	6



Length Comp

Fleet	RMSE.perc	Nobs
FISHERY	1.3	18
Combined	1.3	18





Retrospective

[1] "No retrospective runs were found"

Hindcasting

[1] "No information for hindcast was found"

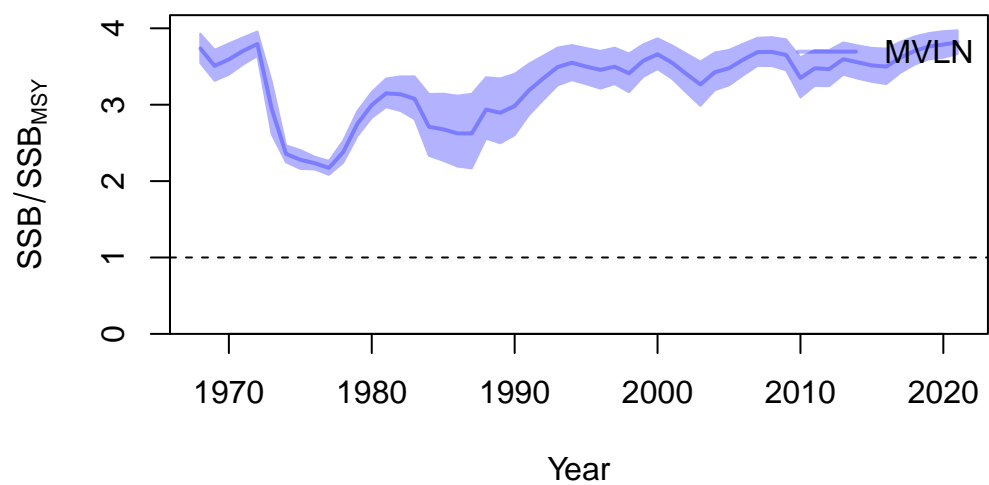
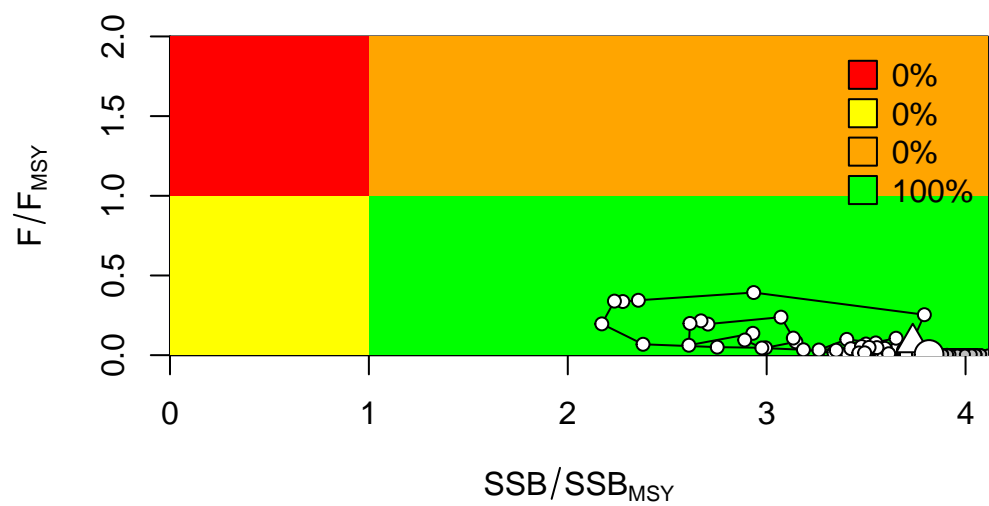
Recruitment Deviations

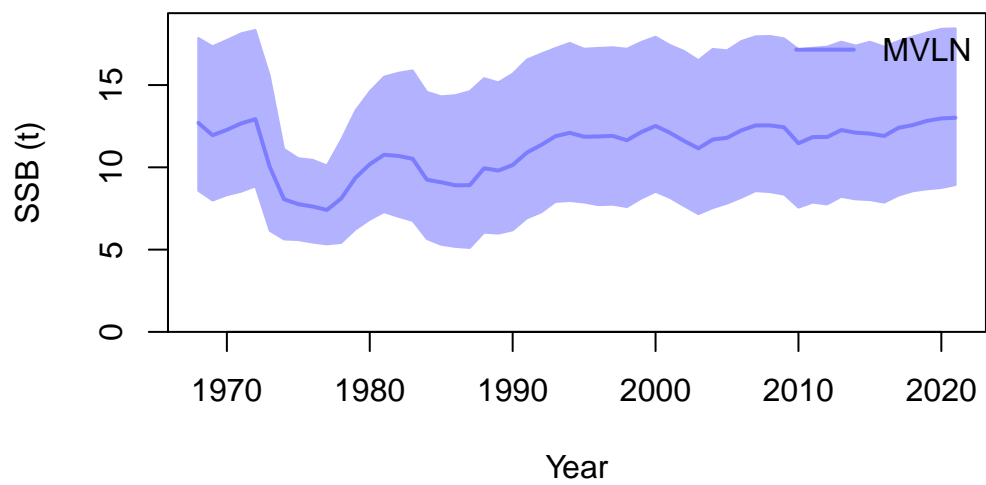
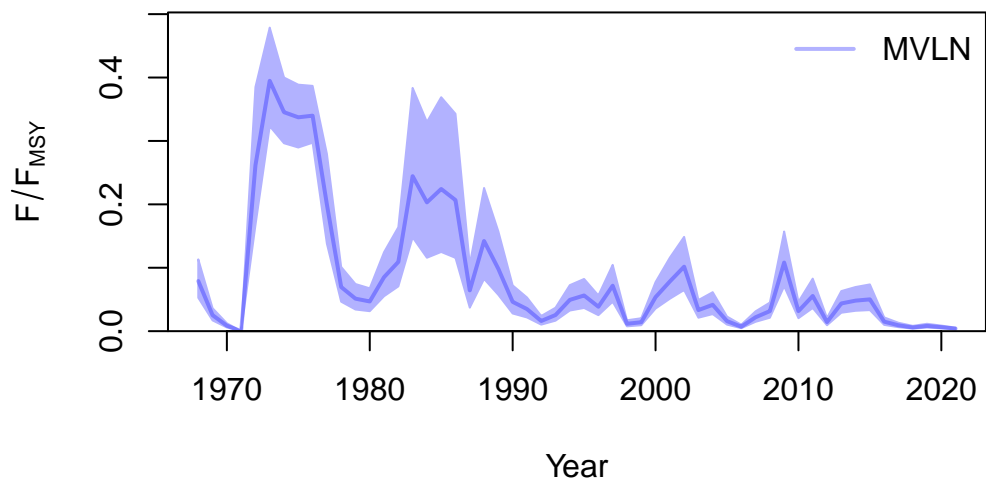
Likelihood Profile

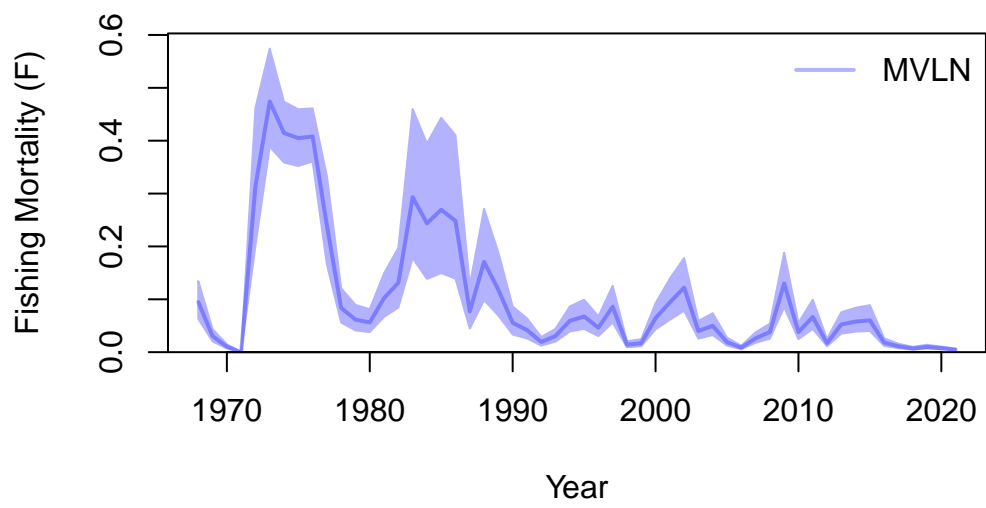
[1] "No likelihood runs were found"

Management Quantities

starter.sso with Bratio: SSB/SSB_{MSY} and $F: _abs_F$

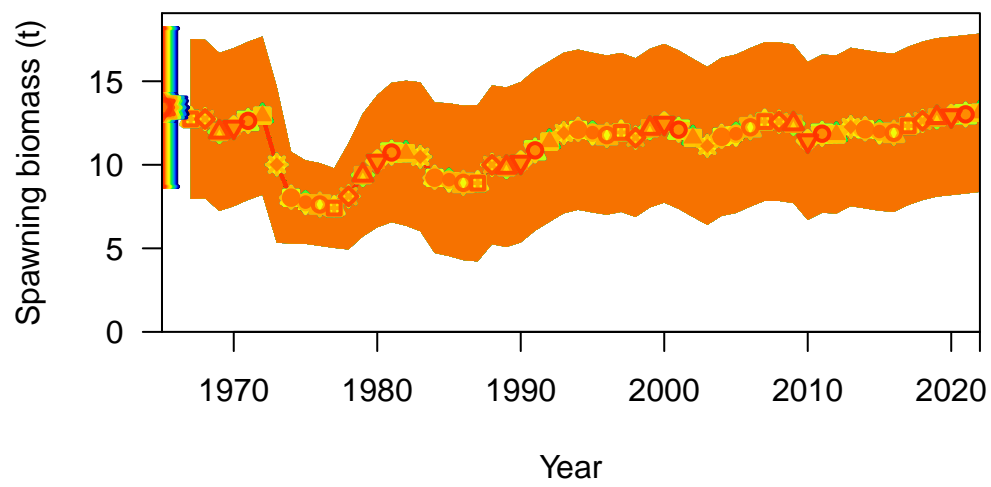
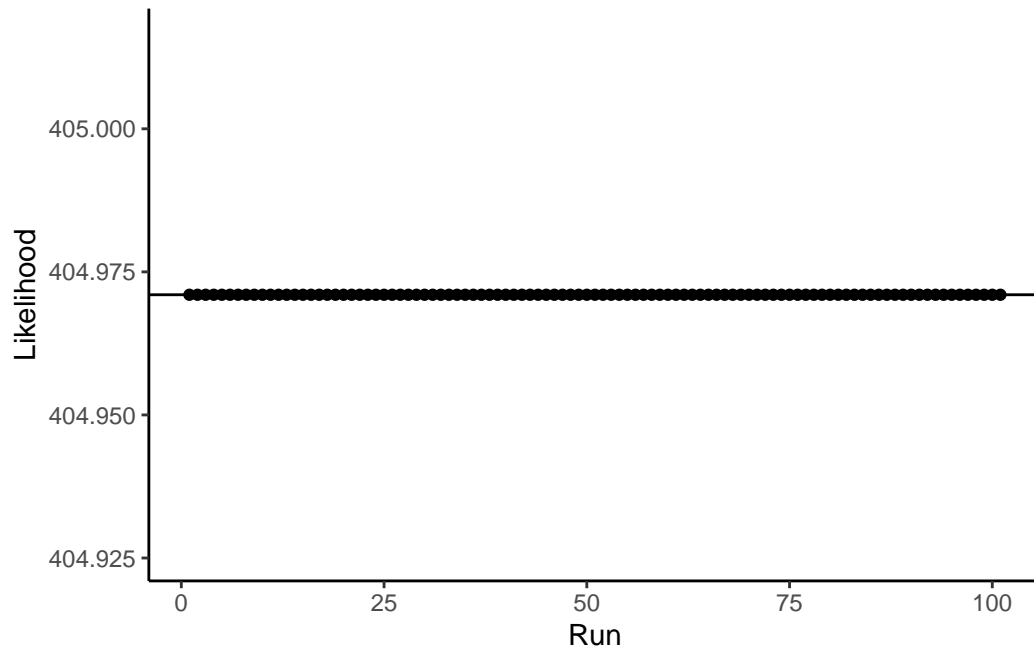


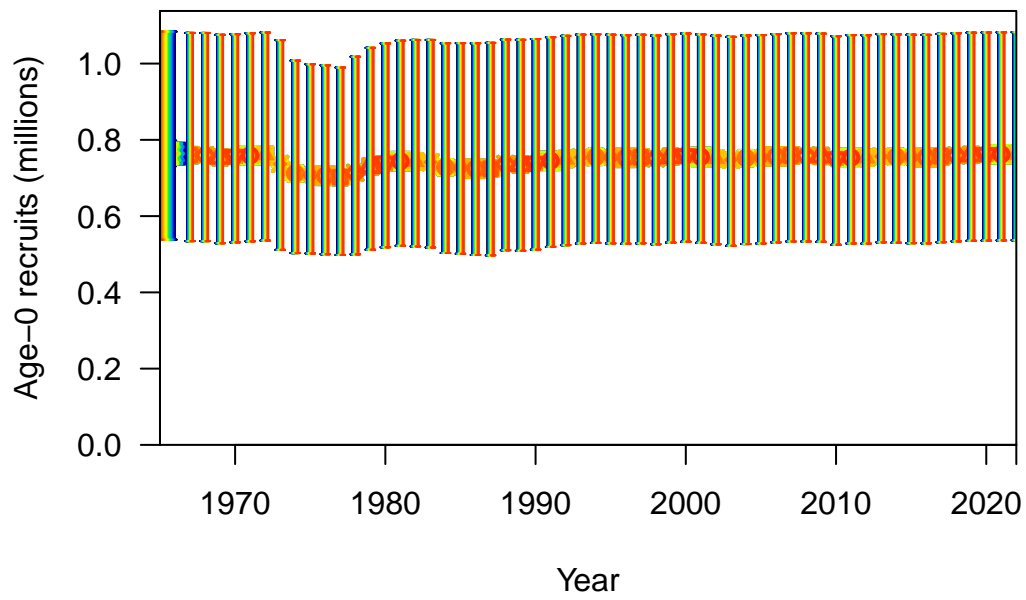
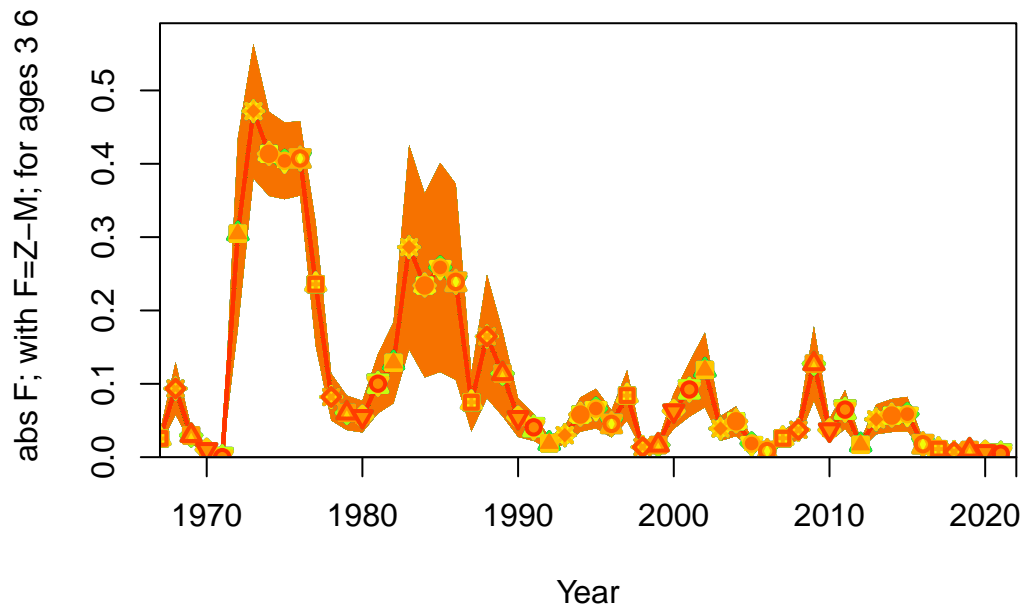




null device
1

Jitter





Selectivity and Maturity

