

American Samoa Model Checks

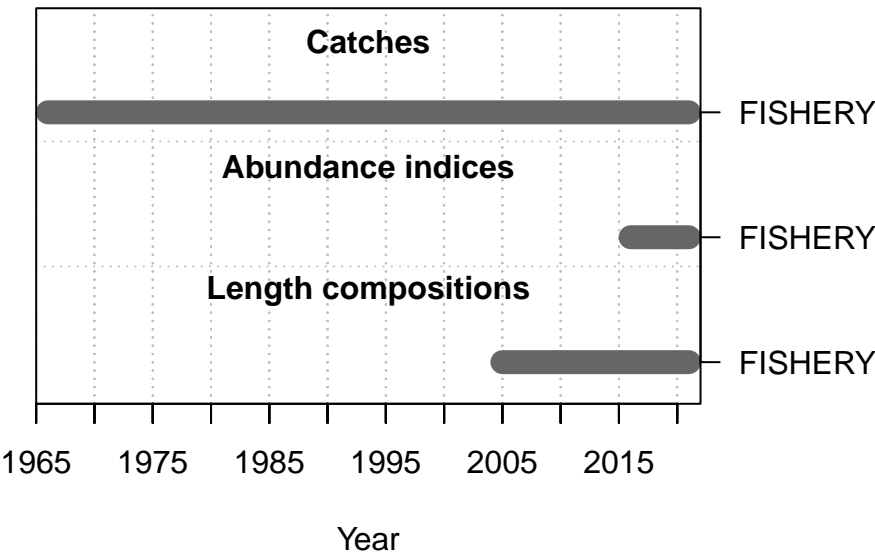
Marc Nadon and Meg Oshima

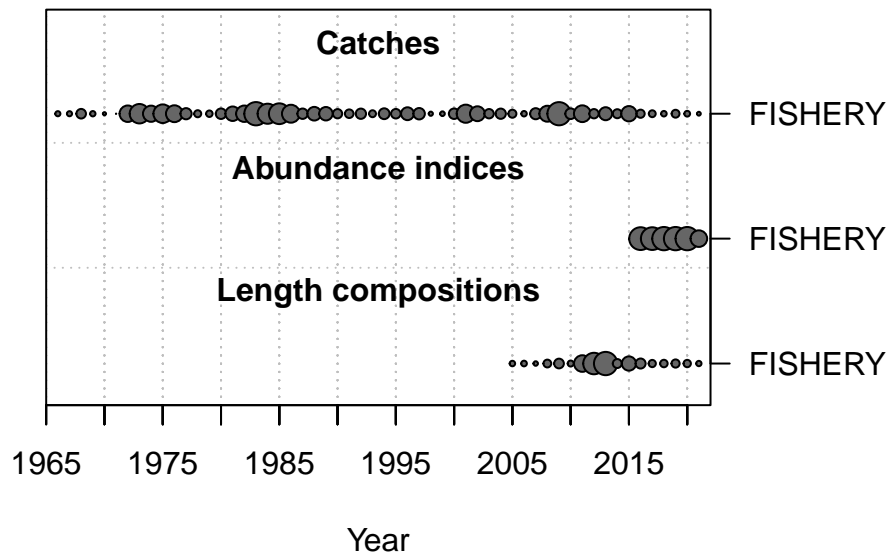
2023-02-27

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

Model Output

Input Data





Convergence Check

```

Converged    MaxGrad
1      TRUE 0.00011917

```

```

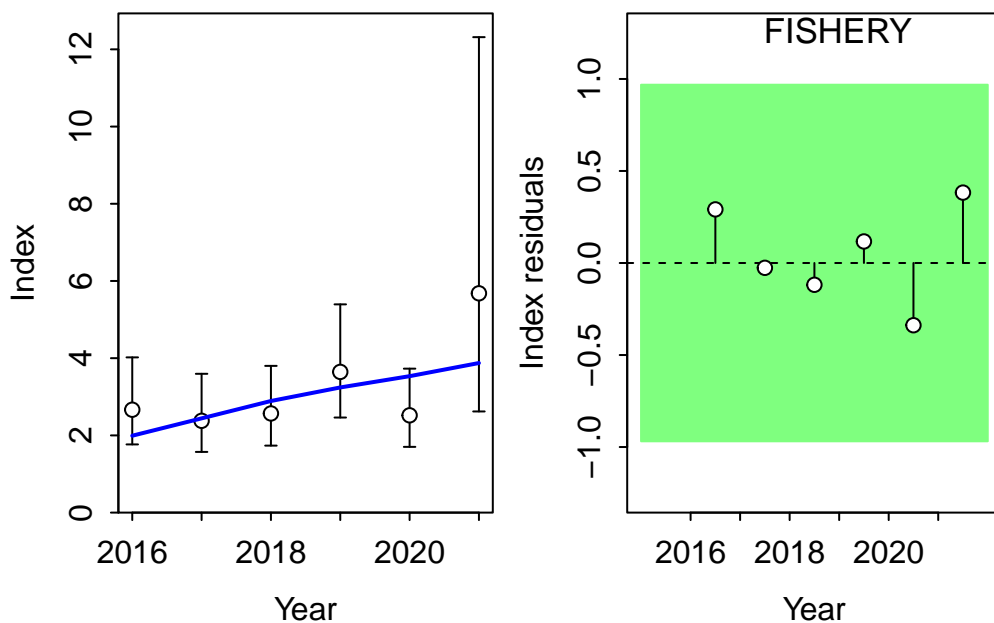
[1] "1 NOTE:  Max data length bin: 38.5  < max pop len bins: 43; so will accumulate larger p
[2] "2 Final gradient: 0.00011917 is larger than final_conv: 0.0001"
[3] "N warnings: 2"

```

Fit to Model

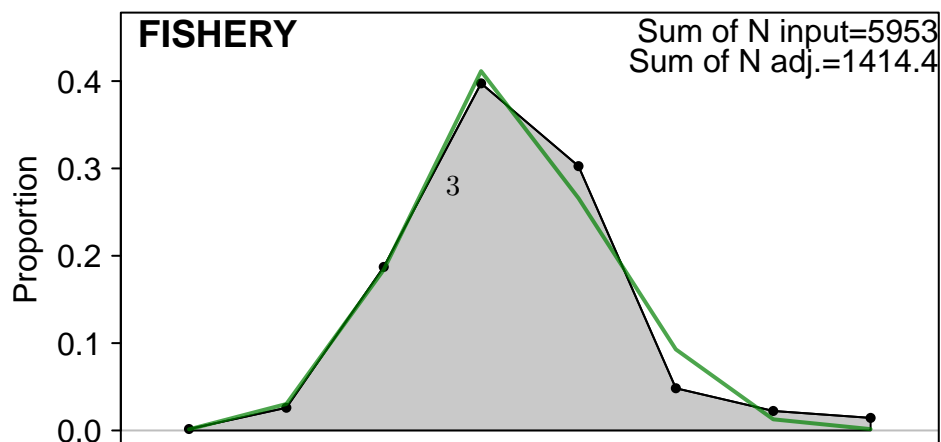
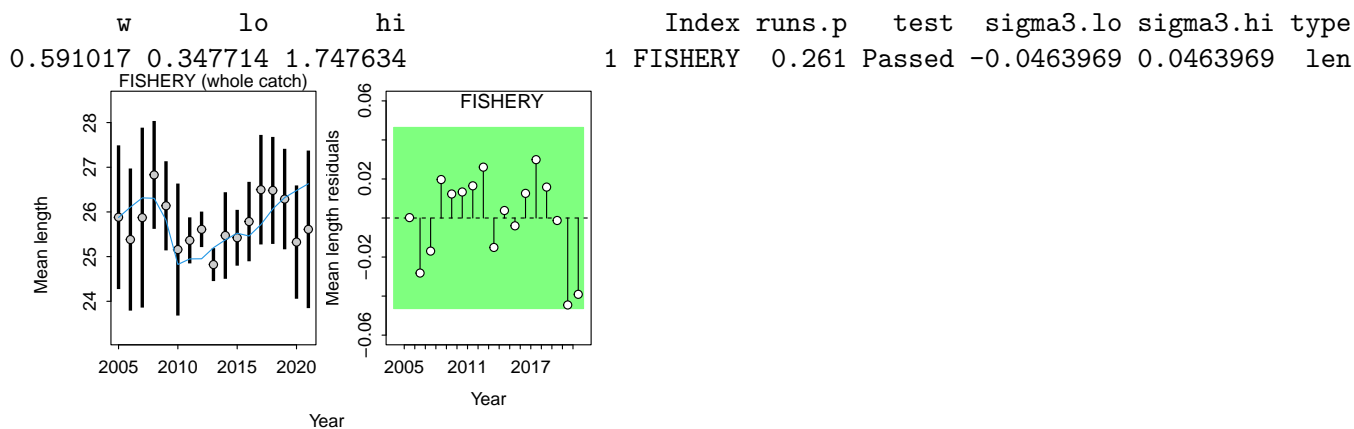
CPUE

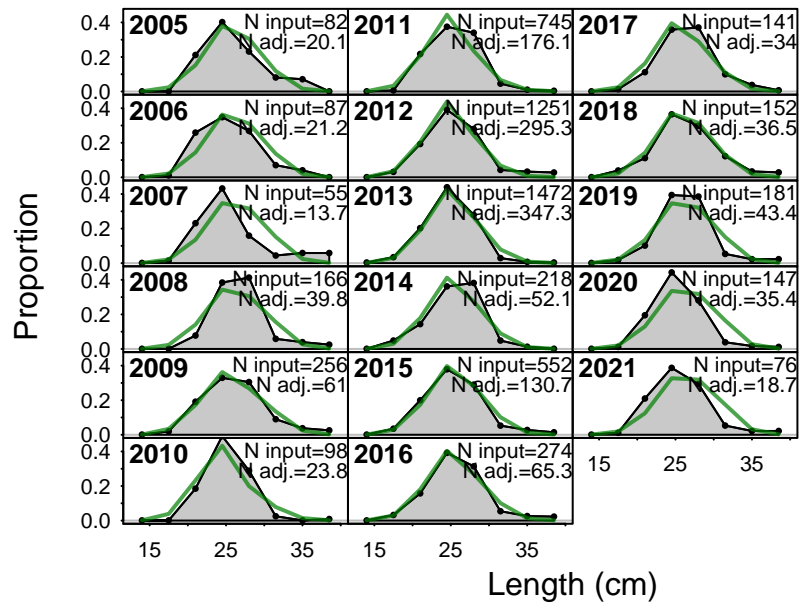
Fleet	RMSE.perc	Nobs
FISHERY	25	6
Combined	25	6



Length Comp

Fleet	RMSE.perc	Nobs
FISHERY	2.1	17
Combined	2.1	17





Retrospective

[1] "No retrospective runs were found"

Hindcasting

[1] "No information for hindcast was found"

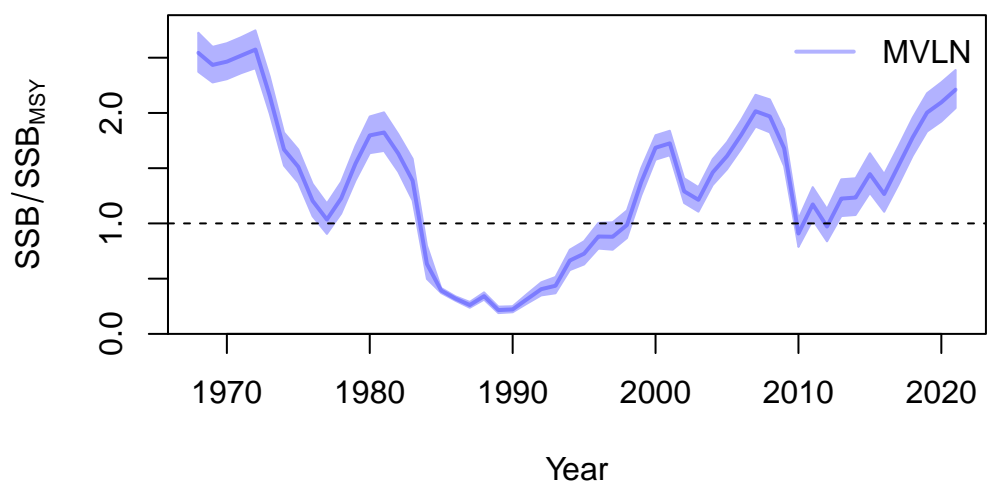
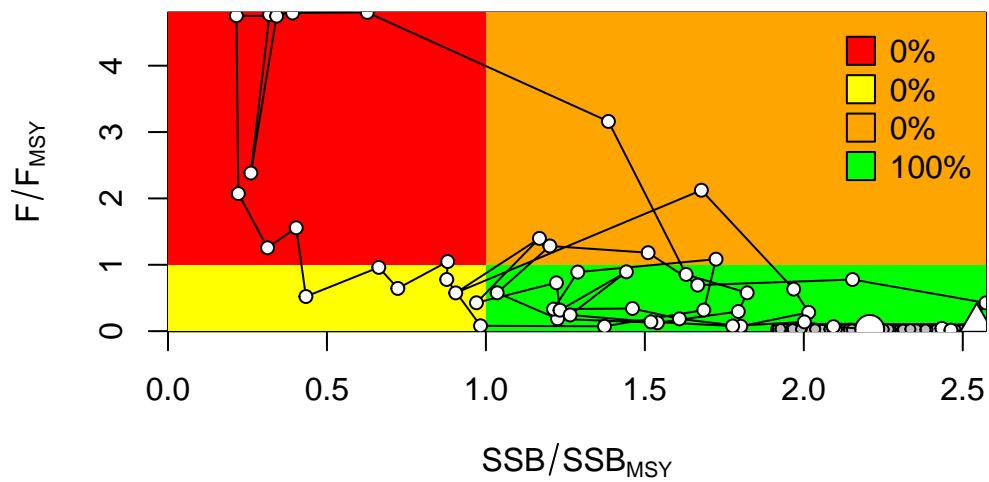
Recruitment Deviations

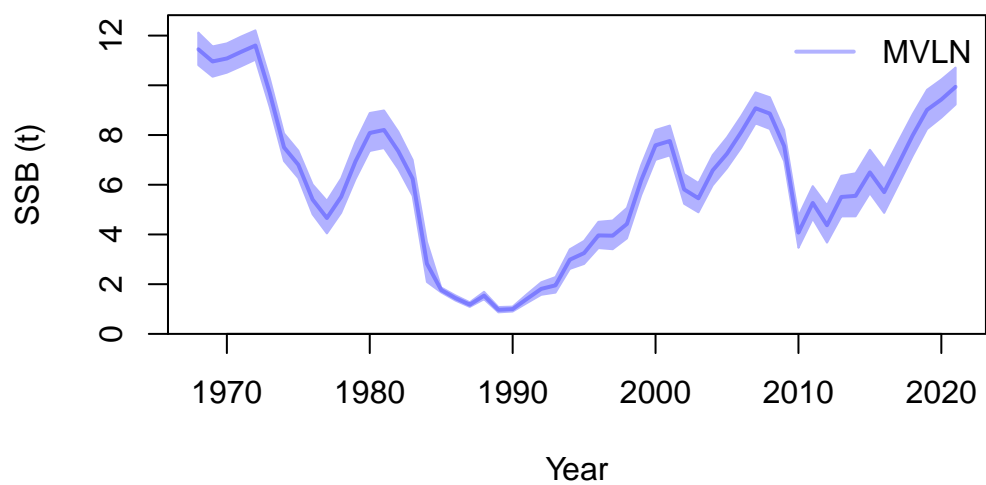
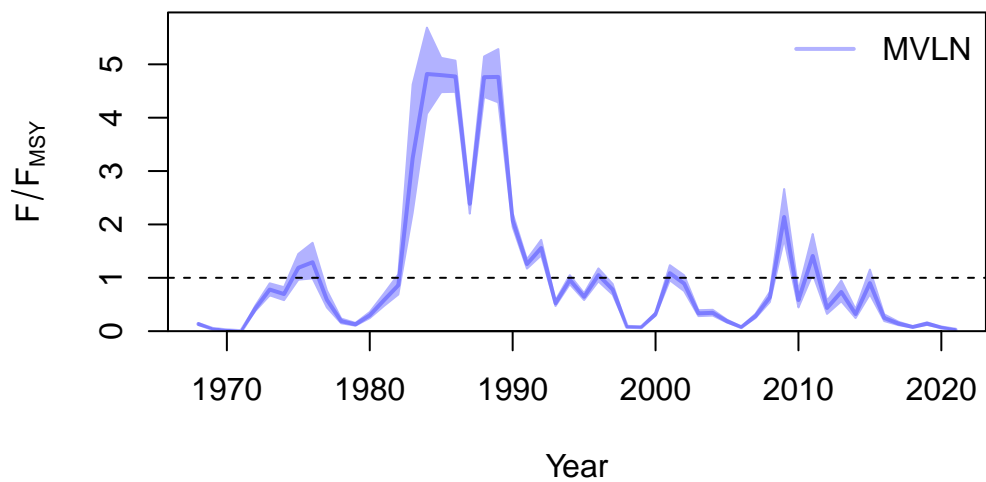
Likelihood Profile

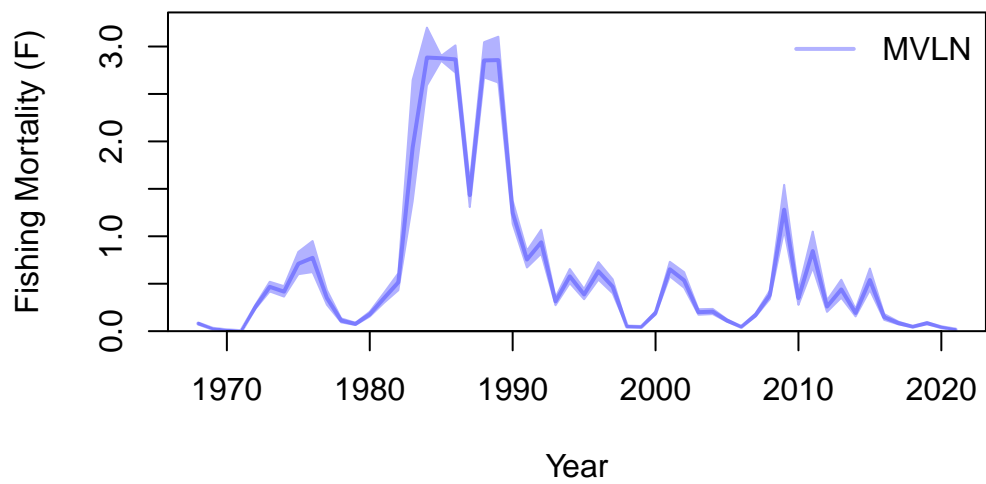
[1] "No likelihood runs were found"

Management Quantities

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

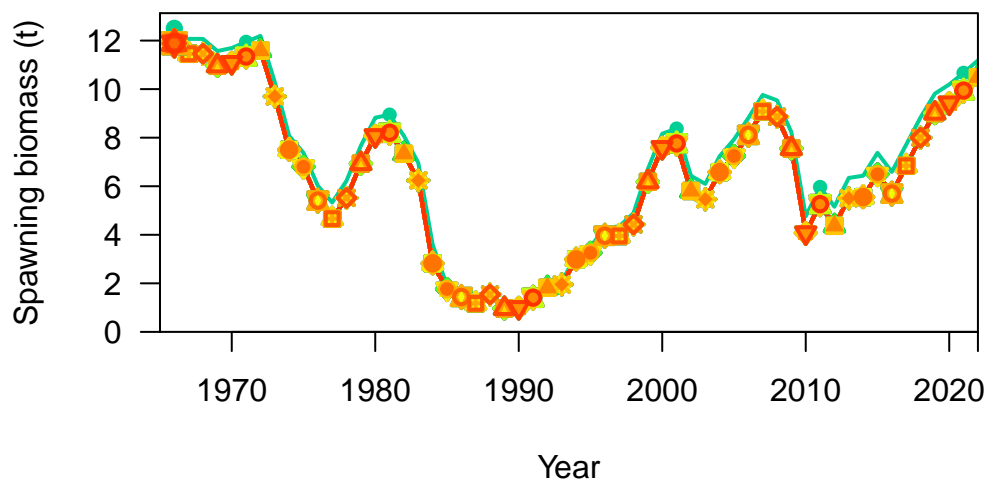
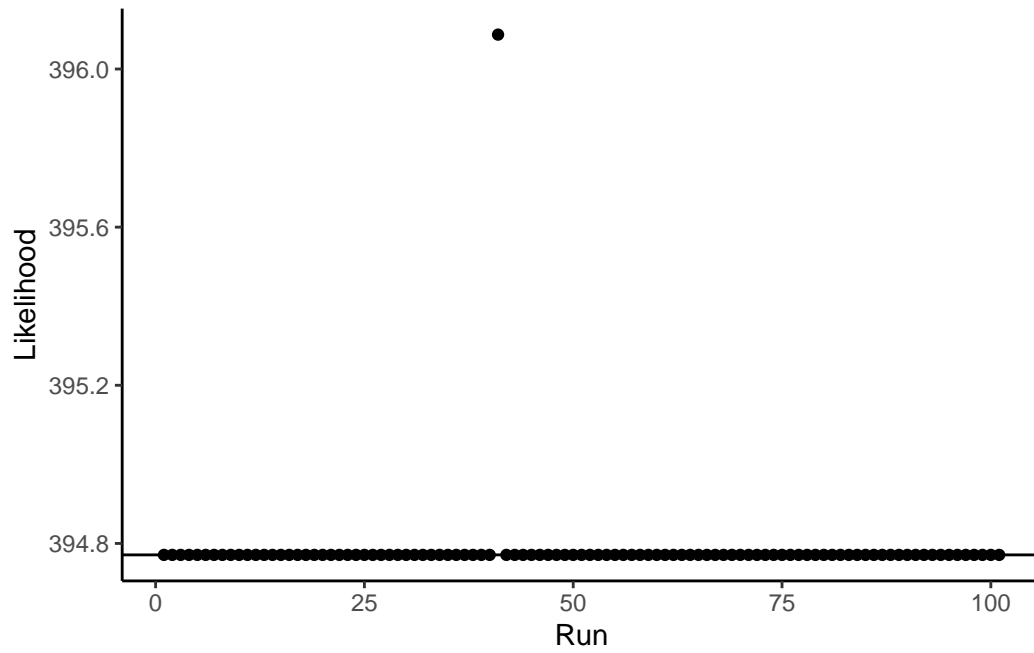


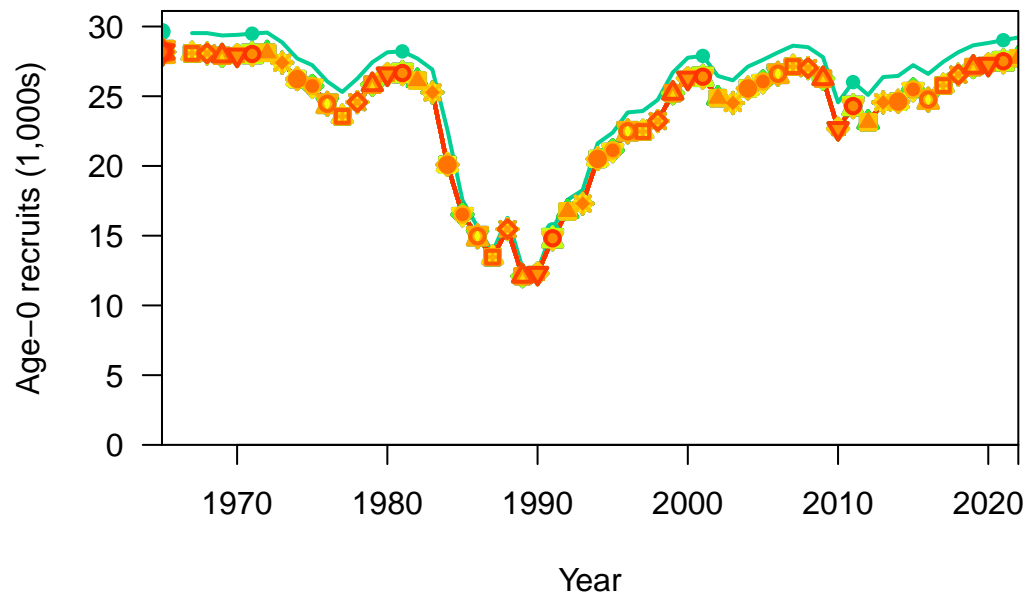
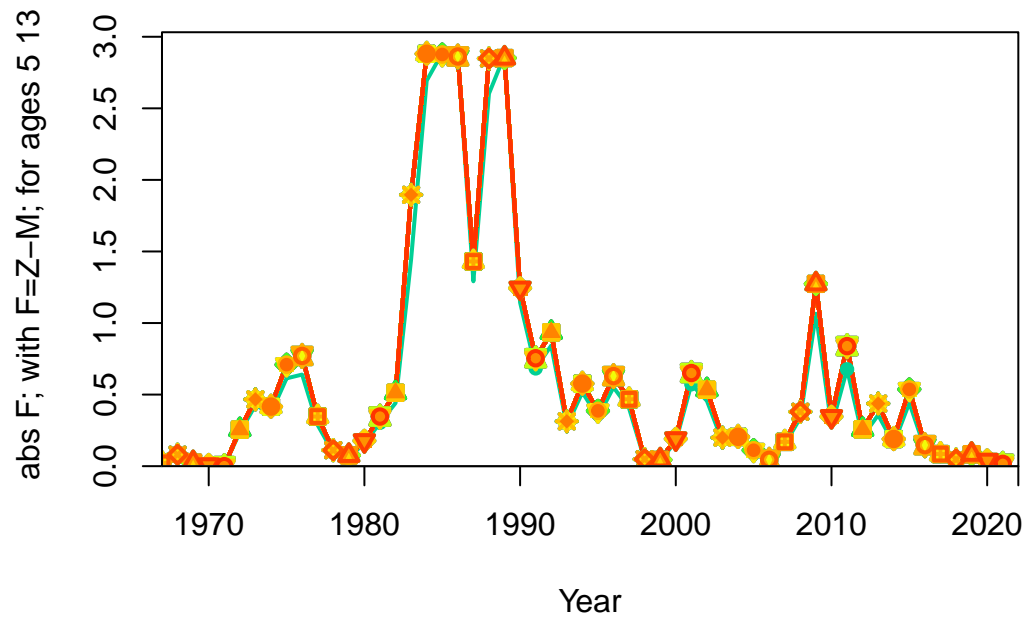




null device
1

Jitter





Selectivity and Maturity

