

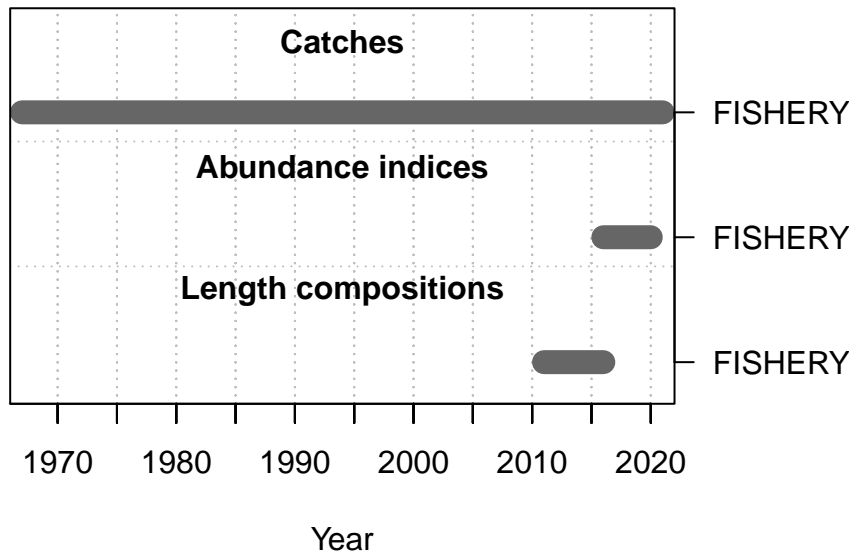
American Samoa Model Checks

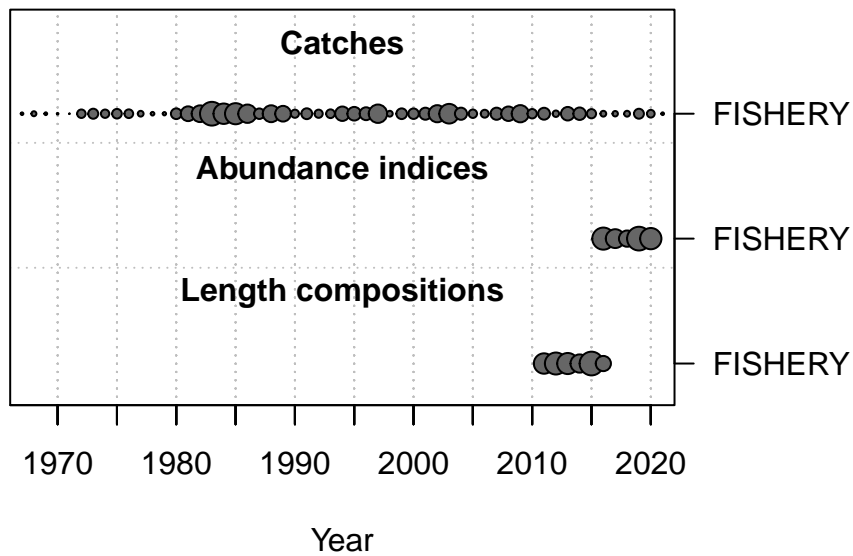
2022-12-08

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

Model Output

Input Data





Convergence Check

```

Converged      MaxGrad
1      TRUE 9.34554e-05

```

```

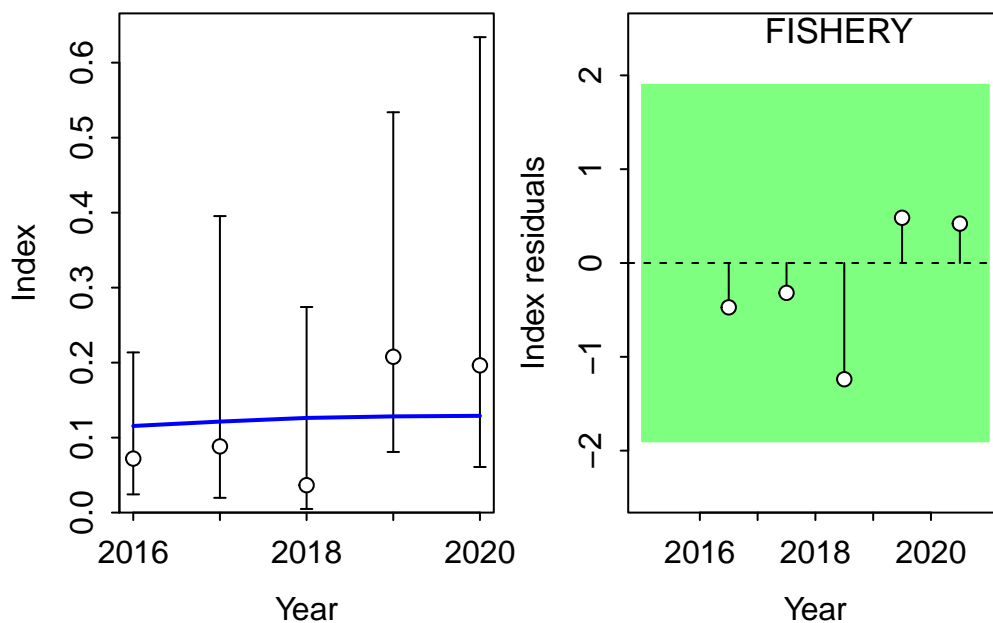
[1] "1 NOTE: Max data length bin: 51 < max pop len bins: 57; so will accumulate larger pop
[2] "N warnings: 1"

```

Fit to Model

CPUE

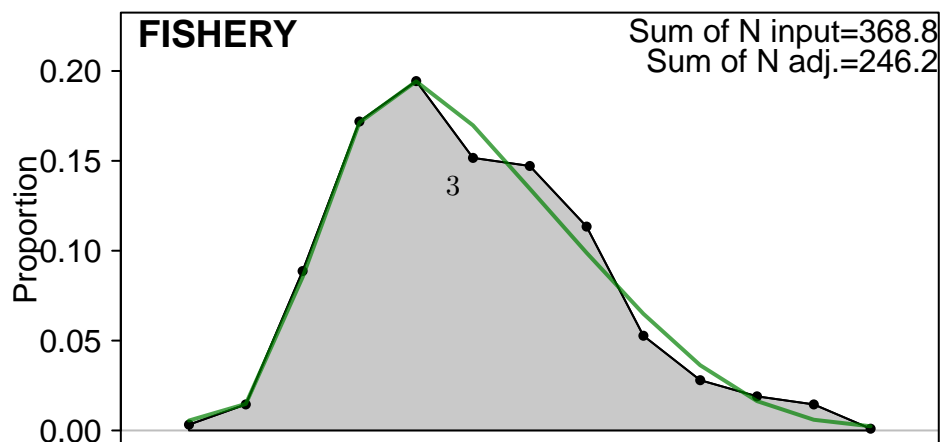
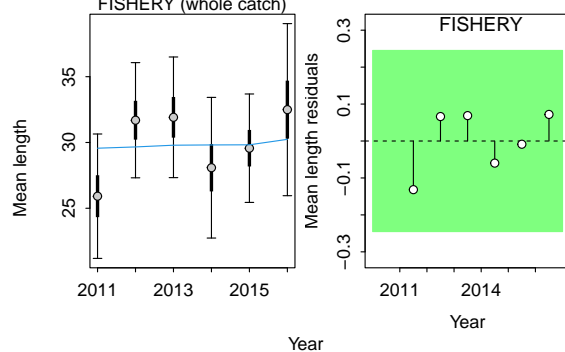
Fleet	RMSE.perc	Nobs
FISHERY	67.4	5
Combined	67.4	5

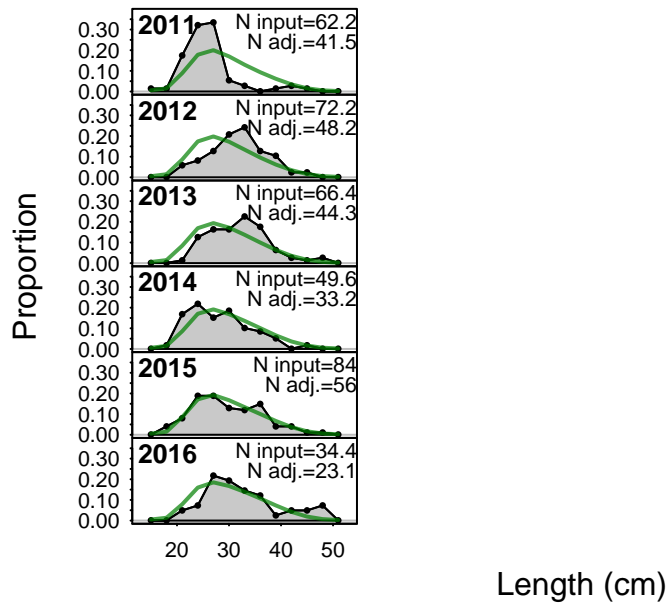


Length Comp

Fleet	RMSE.perc	Nobs
FISHERY	7.7	6
Combined	7.7	6

w lo hi Index runs.p test sigma3.lo sigma3.hi type
 0.11353348 0.07469091 0.75396447 1 FISHERY 0.5 Passed -0.2451403 0.2451403 len





Retrospective

[1] "No retrospective runs were found"

Hindcasting

[1] "No information for hindcast was found"

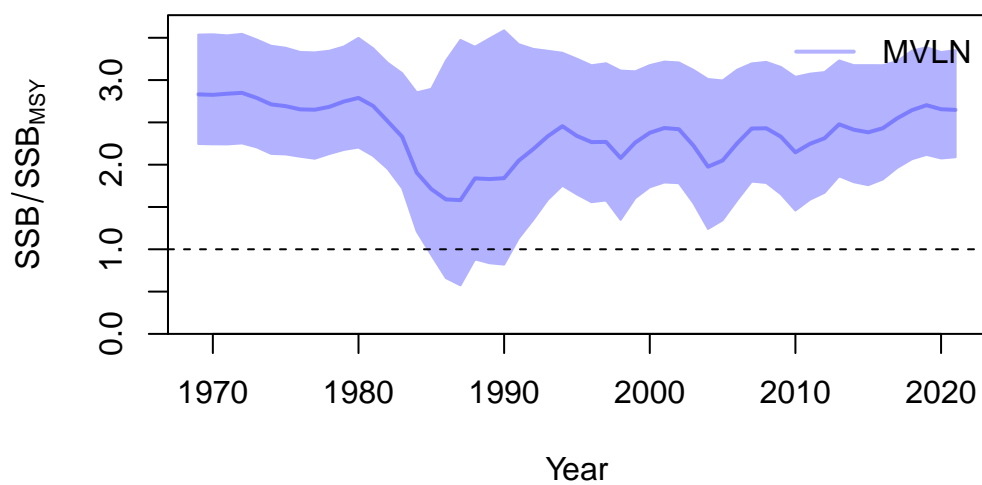
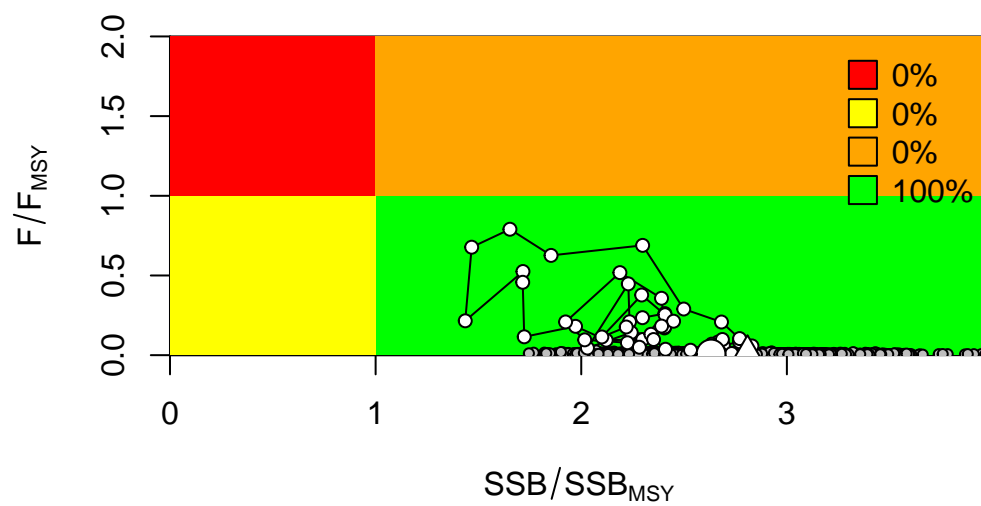
Recruitment Deviations

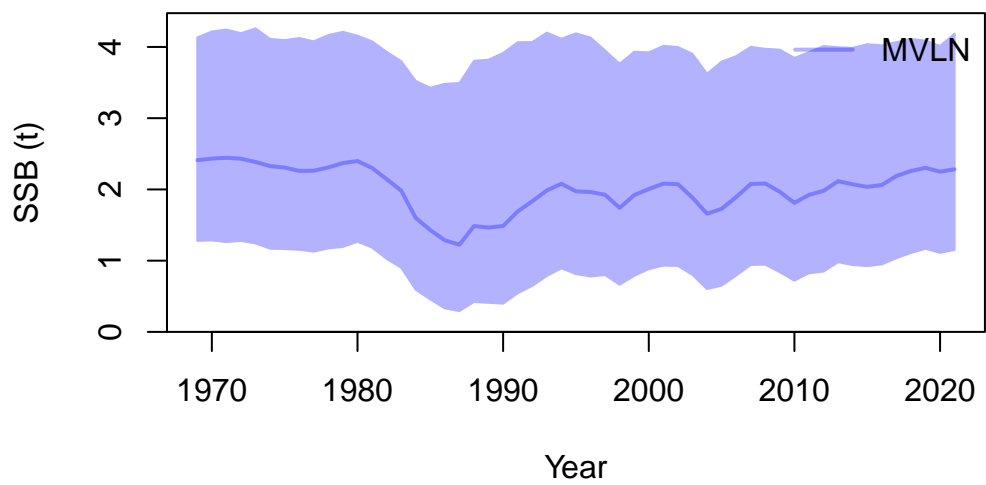
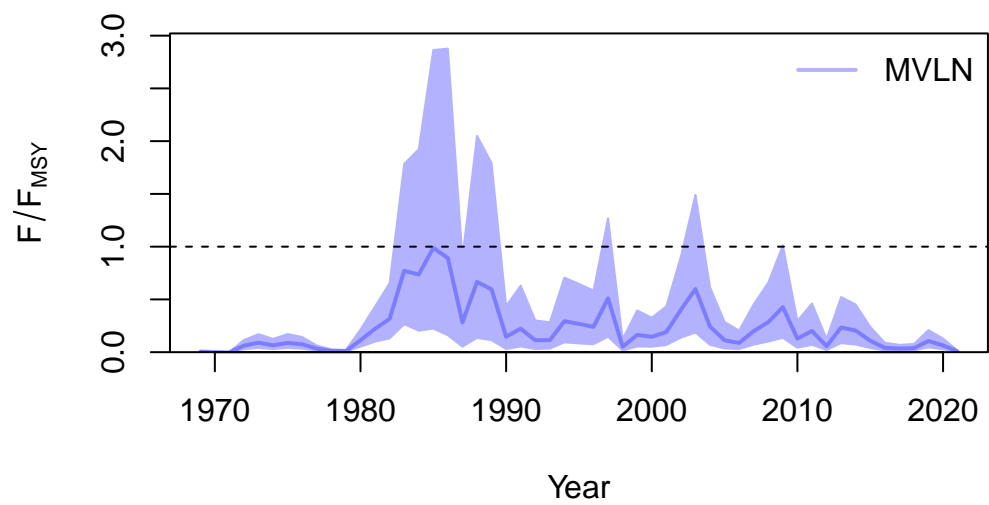
Likelihood Profile

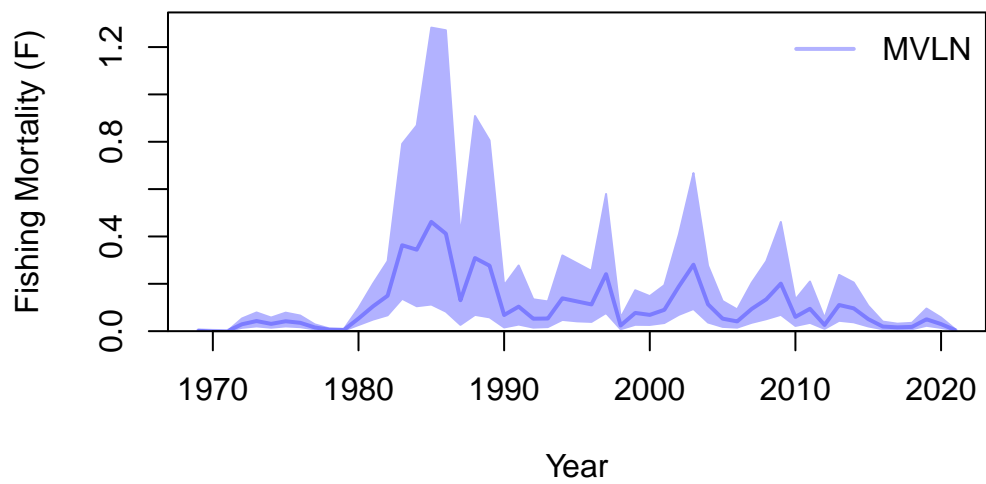
[1] "No likelihood runs were found"

Management Quantities

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

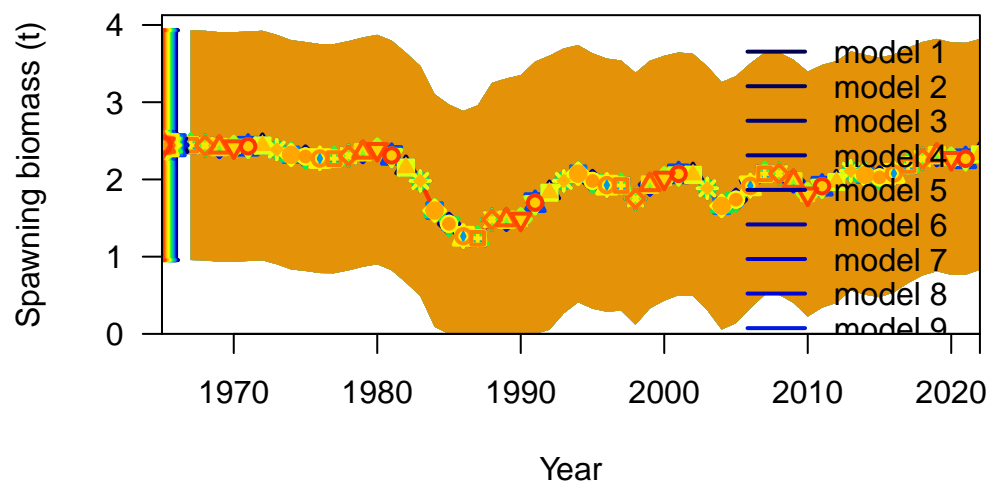
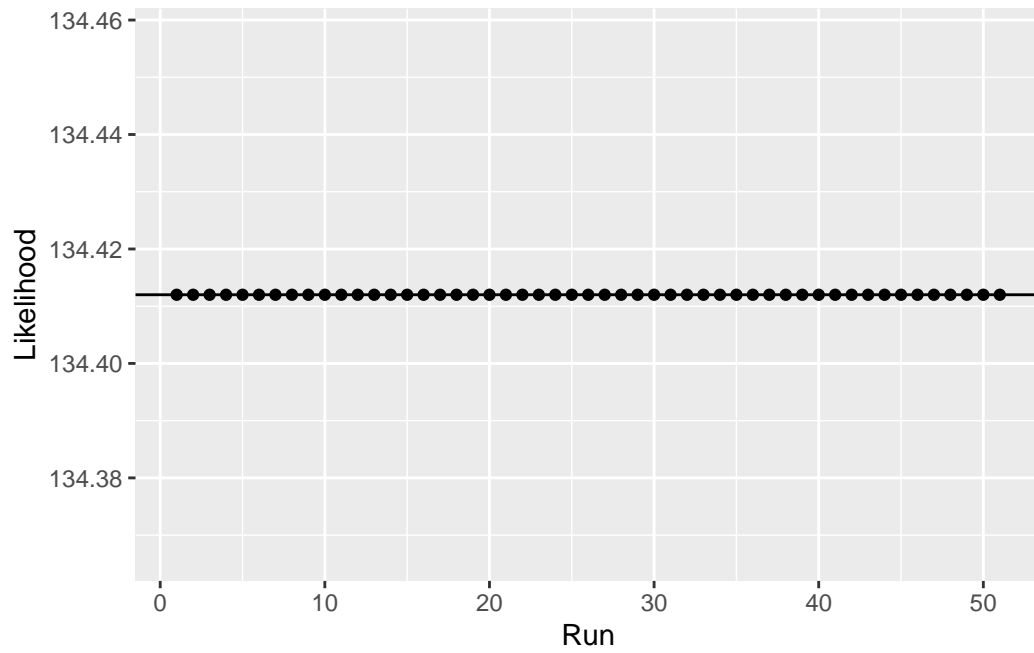


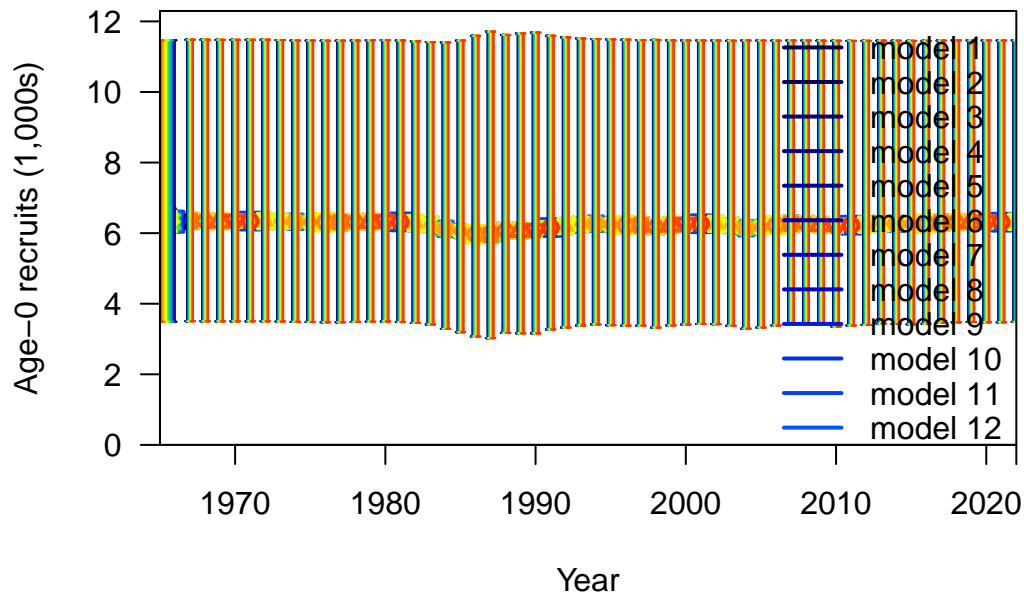
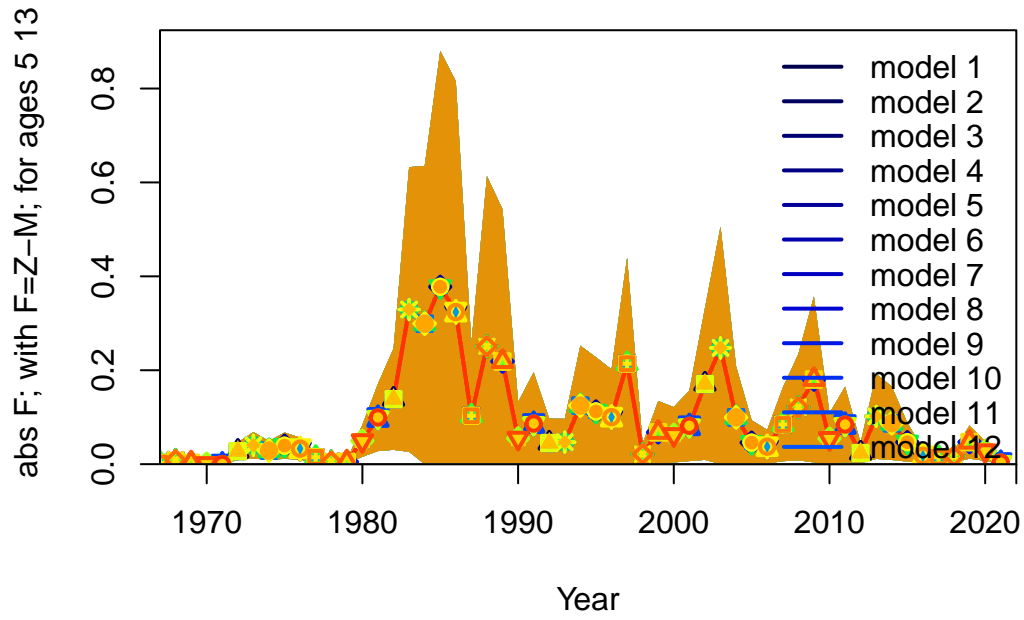




null device
1

Jitter





Selectivity and Maturity

