

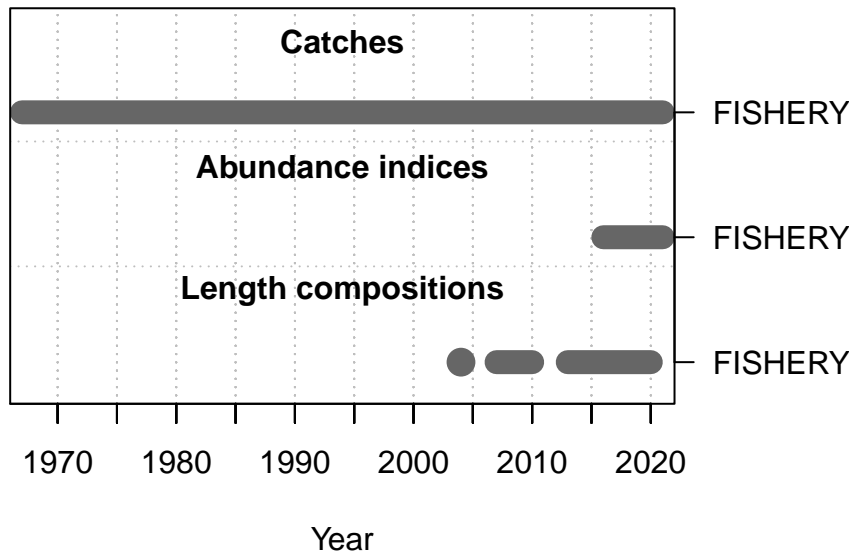
# American Samoa Model Checks

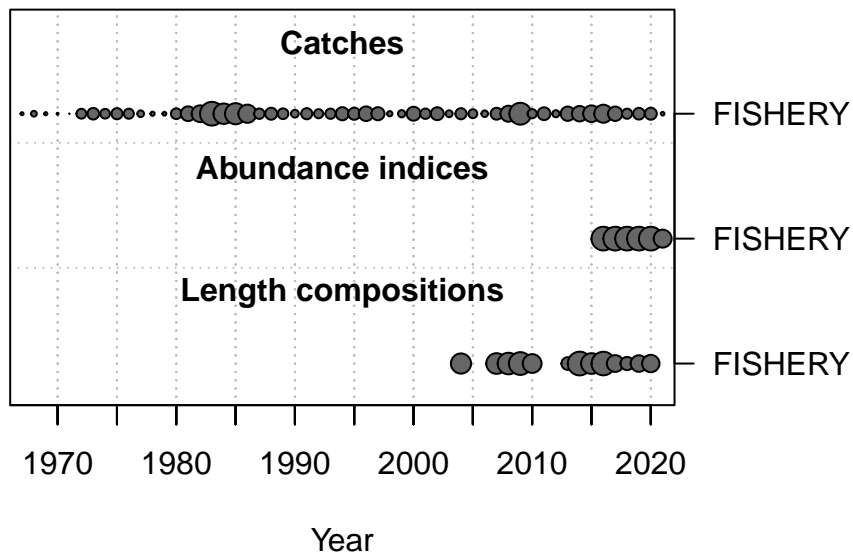
2022-12-08

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

## Model Output

### Input Data





### Convergence Check

```

Converged      MaxGrad
1      TRUE 2.65338e-05

```

```

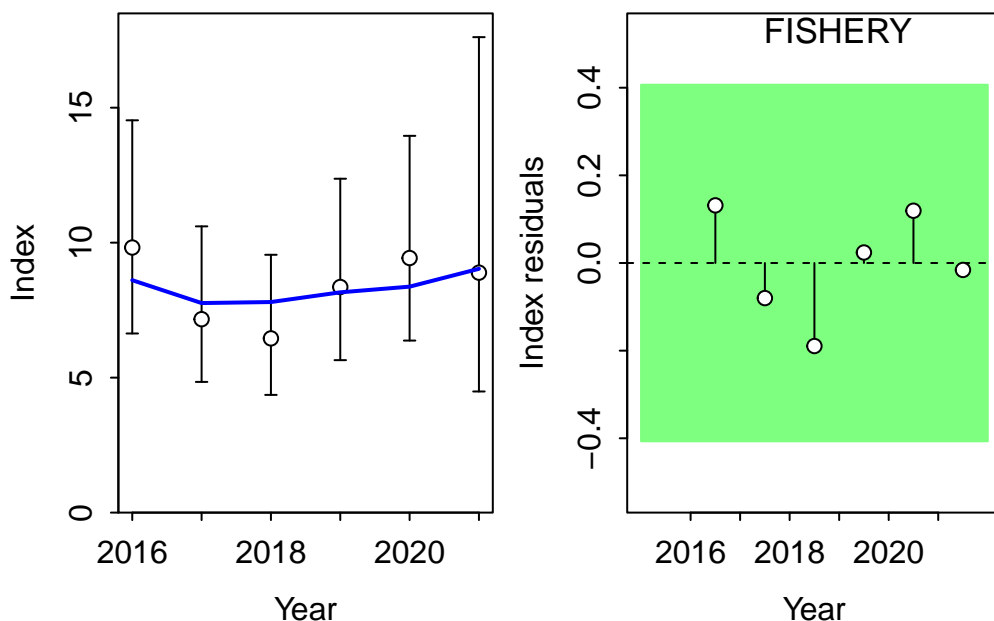
[1] "1 NOTE:  Max data length bin: 85  < max pop len bins: 94; so will accumulate larger pop
[2] "N warnings: 1"

```

### Fit to Model

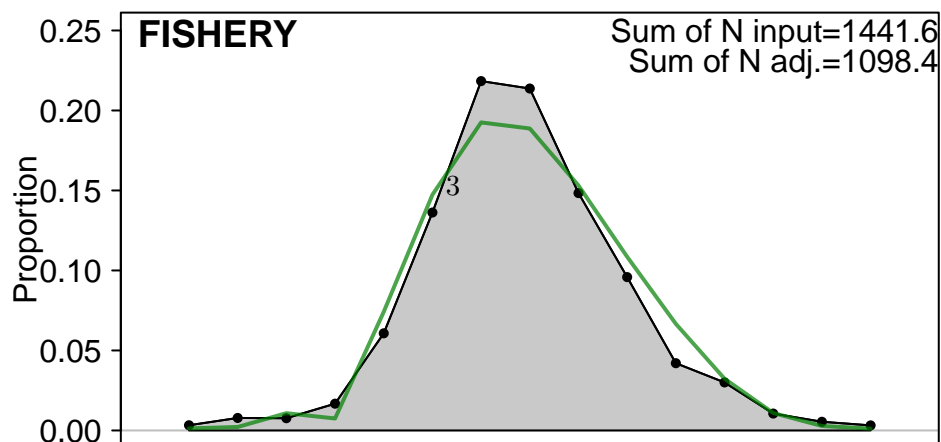
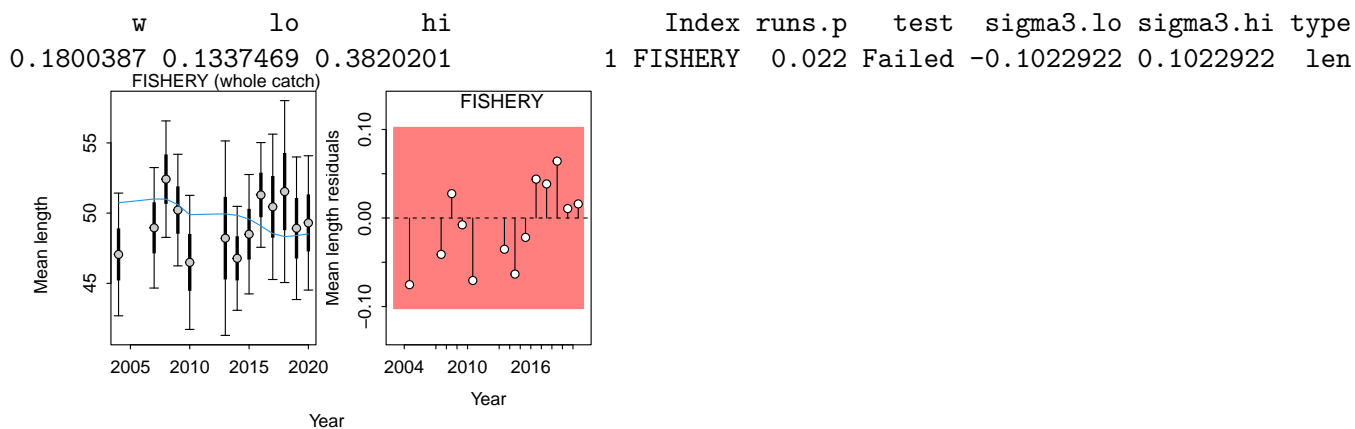
#### CPUE

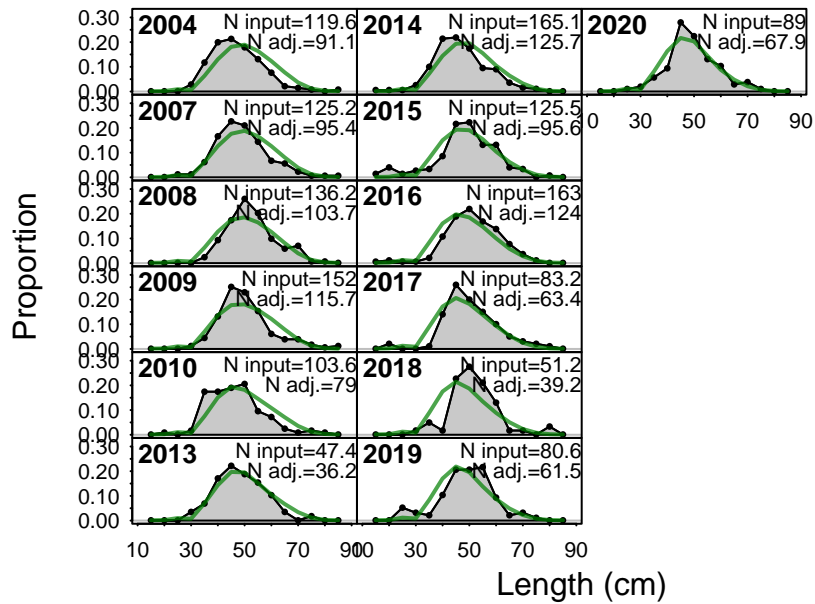
Fleet	RMSE.perc	Nobs
FISHERY	11.2	6
Combined	11.2	6



## Length Comp

Fleet	RMSE.perc	Nobs
FISHERY	4.5	13
Combined	4.5	13





## Retrospective

[1] "No retrospective runs were found"

## Hindcasting

[1] "No information for hindcast was found"

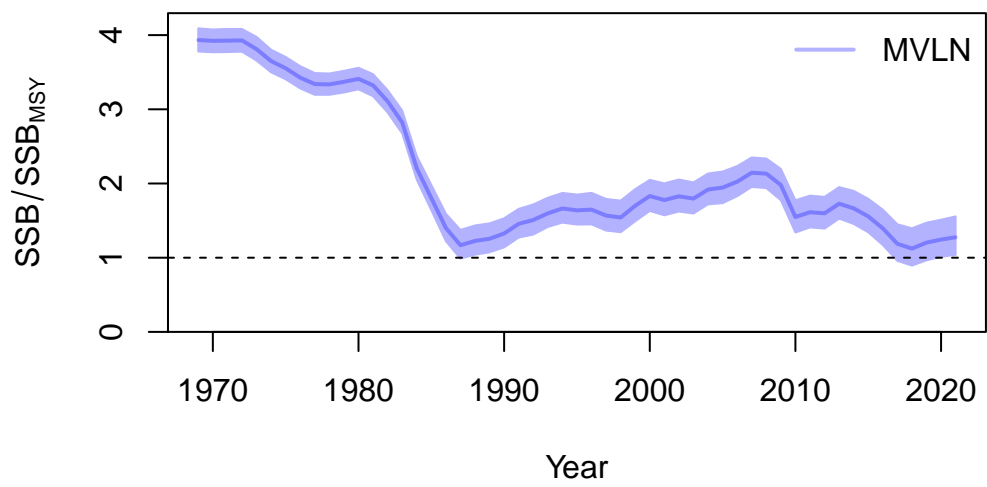
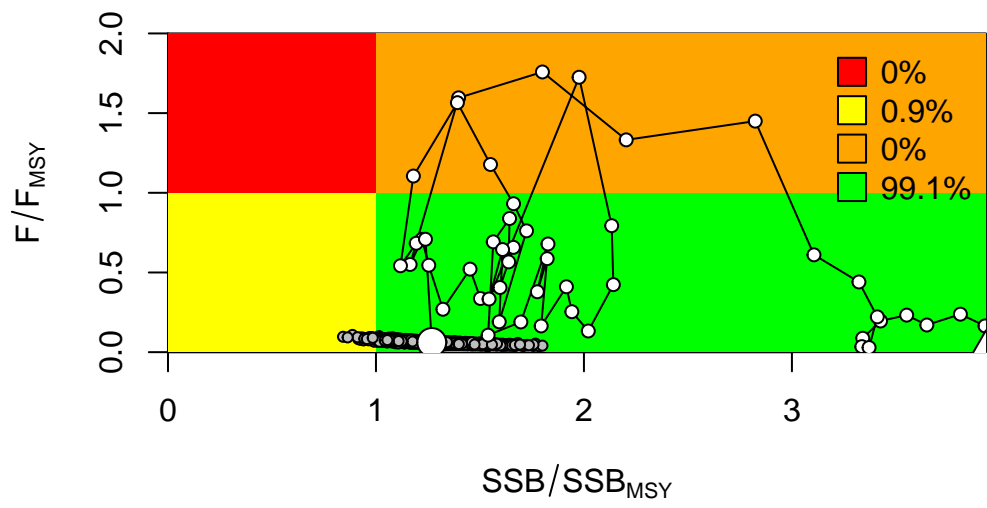
## Recruitment Deviations

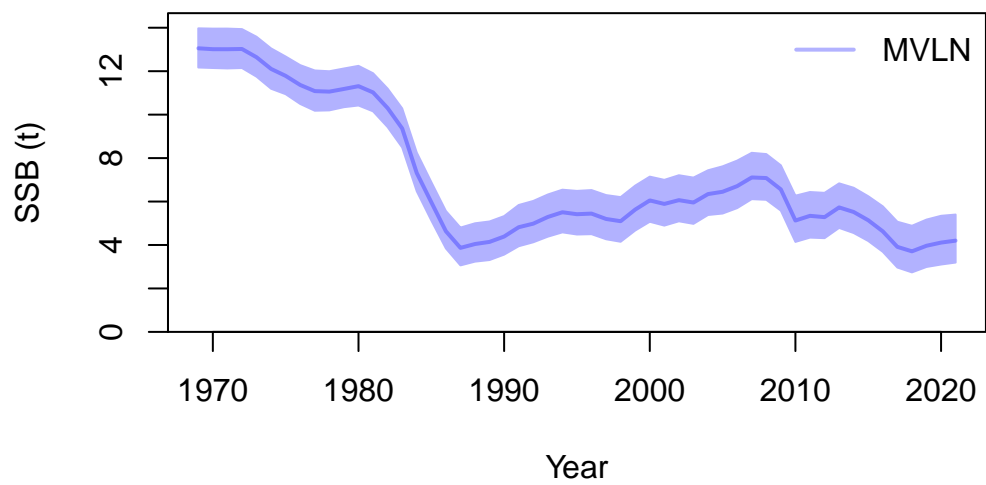
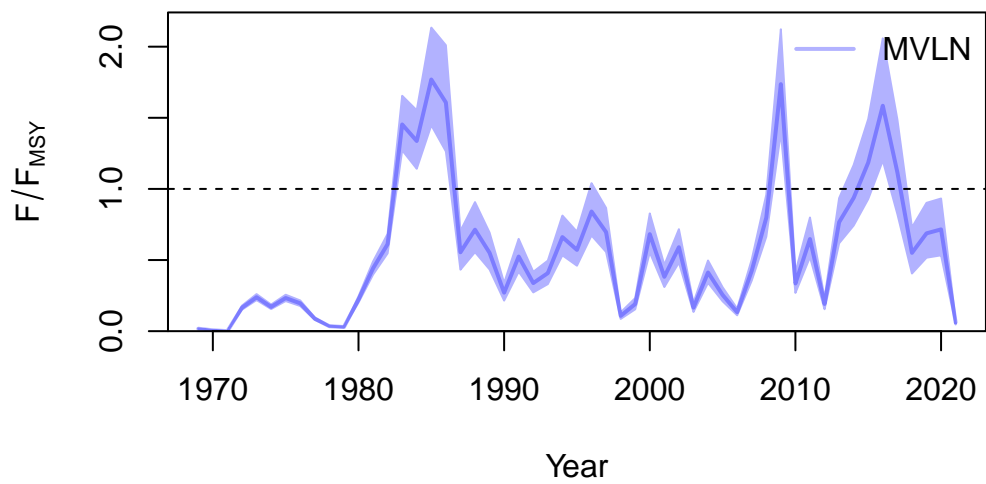
## Likelihood Profile

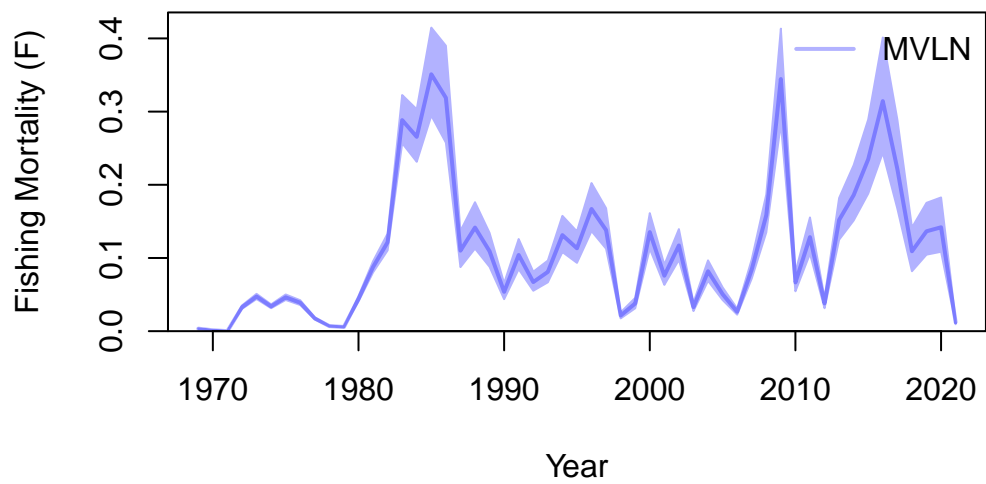
[1] "No likelihood runs were found"

## Management Quantities

starter.sso with Bratio:  $SSB/SSB_{MSY}$  and  $F: \_abs\_F$

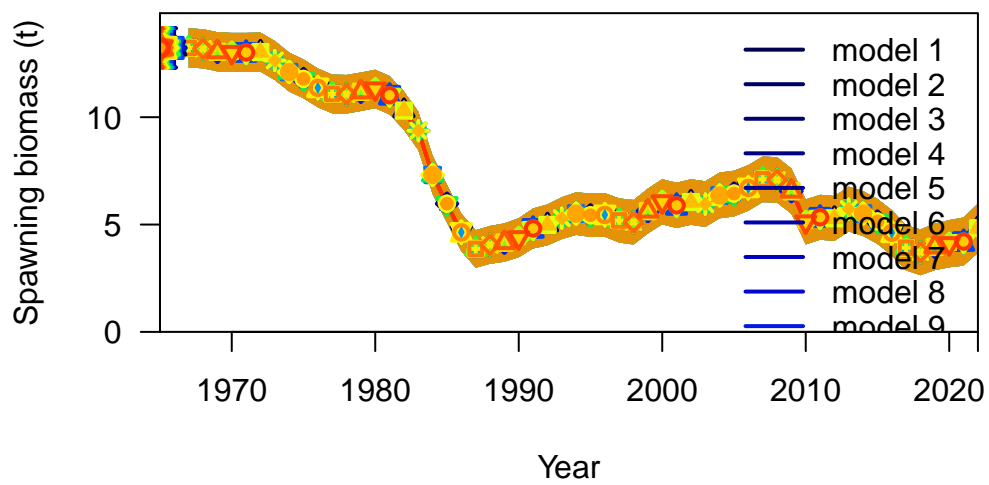
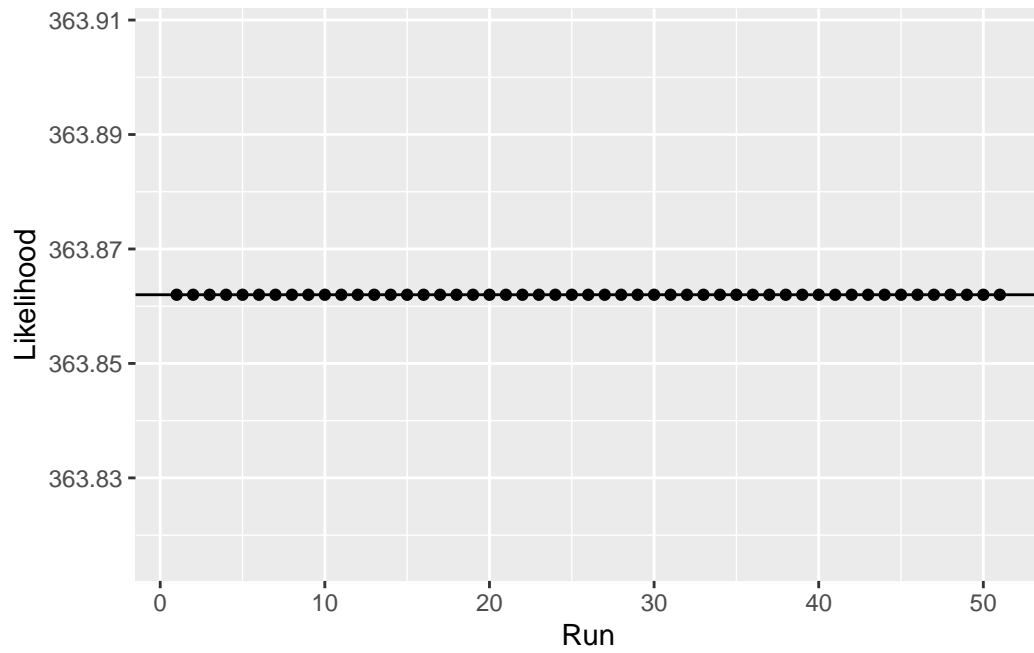




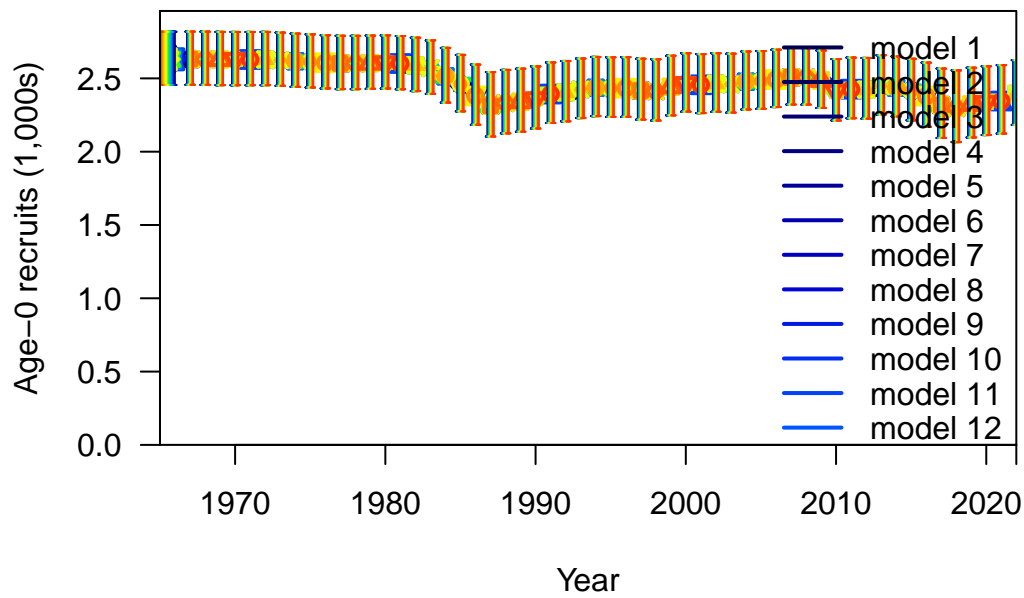
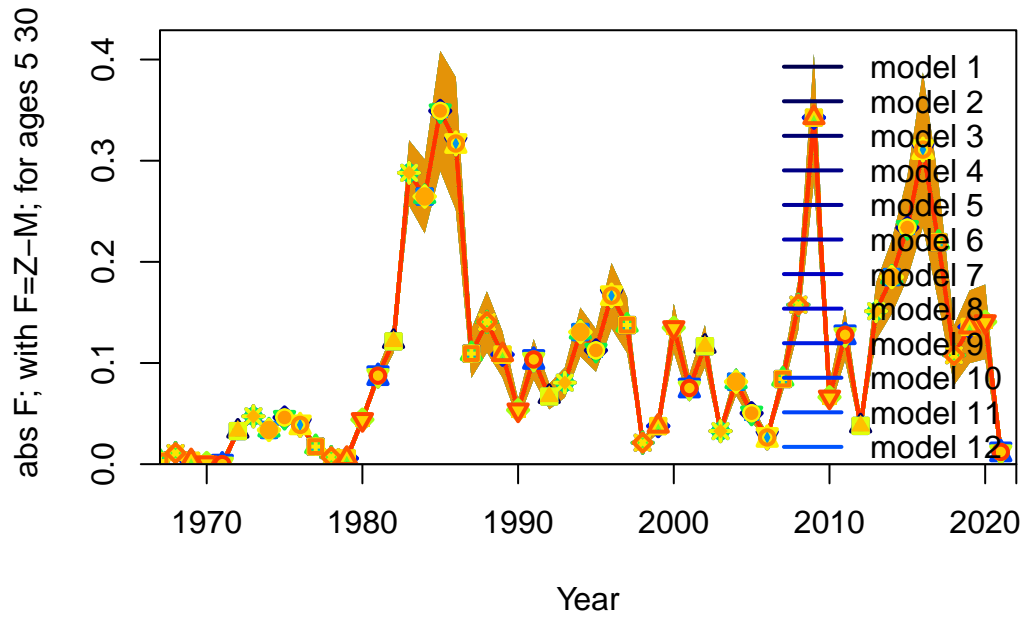


null device  
1

**Jitter**







## Selectivity and Maturity

