

American Samoa Model Checks

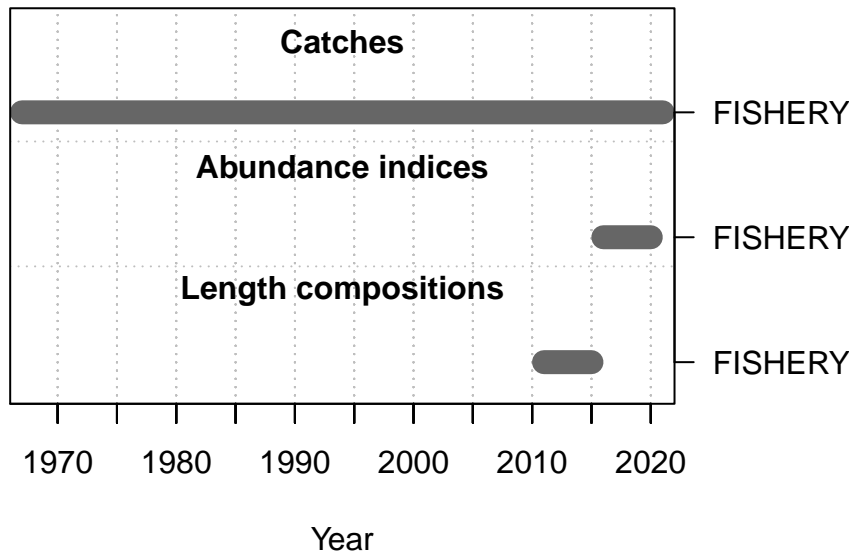
Marc Nadon and Meg Oshima

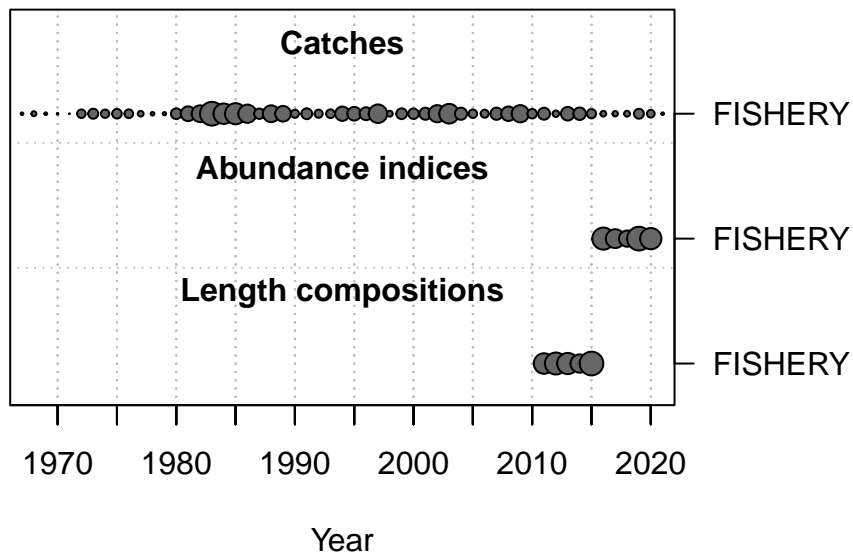
2023-01-13

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

Model Output

Input Data





Convergence Check

```

Converged      MaxGrad
1      TRUE 5.45616e-06

```

```

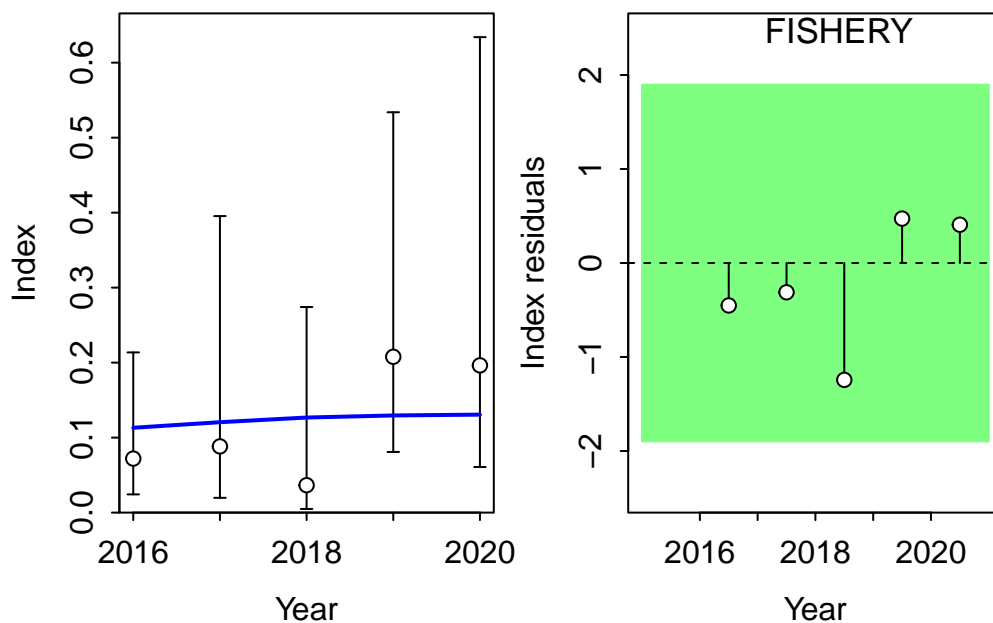
[1] "1 NOTE: Max data length bin: 51 < max pop len bins: 57; so will accumulate larger pop
[2] "N warnings: 1"

```

Fit to Model

CPUE

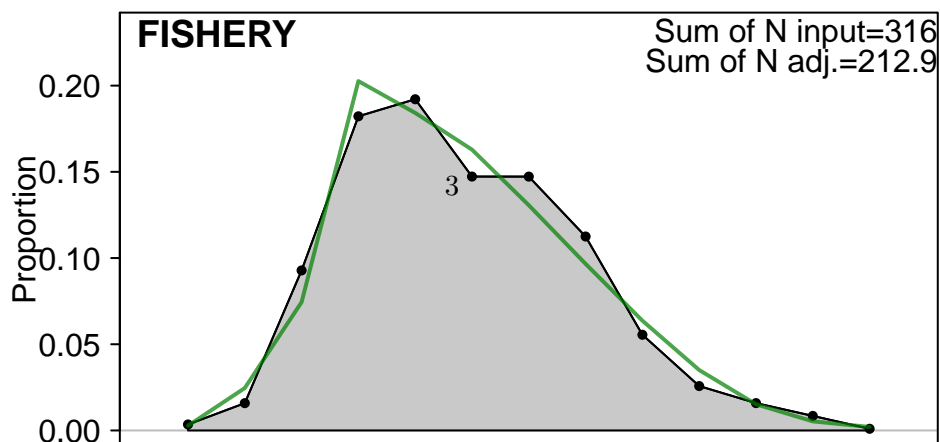
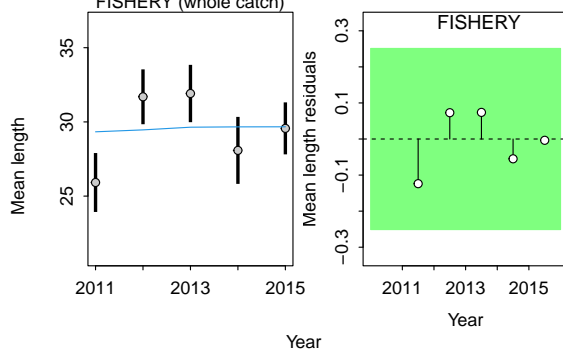
Fleet	RMSE.perc	Nobs
FISHERY	66.9	5
Combined	66.9	5

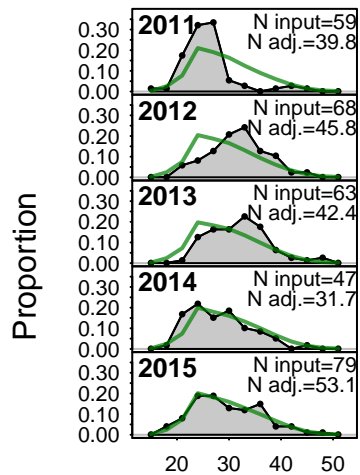


Length Comp

Fleet	RMSE.perc	Nobs
FISHERY	7.6	5
Combined	7.6	5

w lo hi Index runs.p test sigma3.lo sigma3.hi type
 0.15896274 0.09865562 1.20402999 1 FISHERY 0.331 Passed -0.2510863 0.2510863 len





Length (cm)

Retrospective

[1] "No retrospective runs were found"

Hindcasting

[1] "No information for hindcast was found"

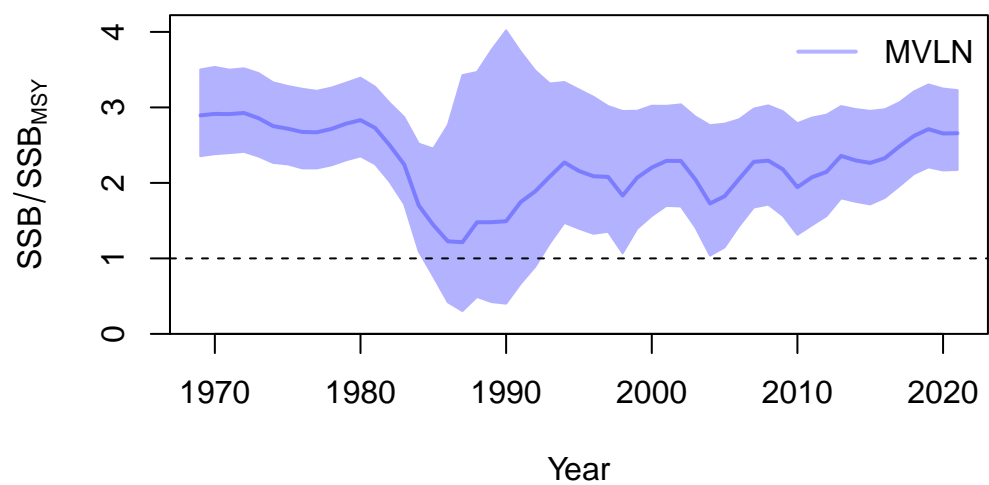
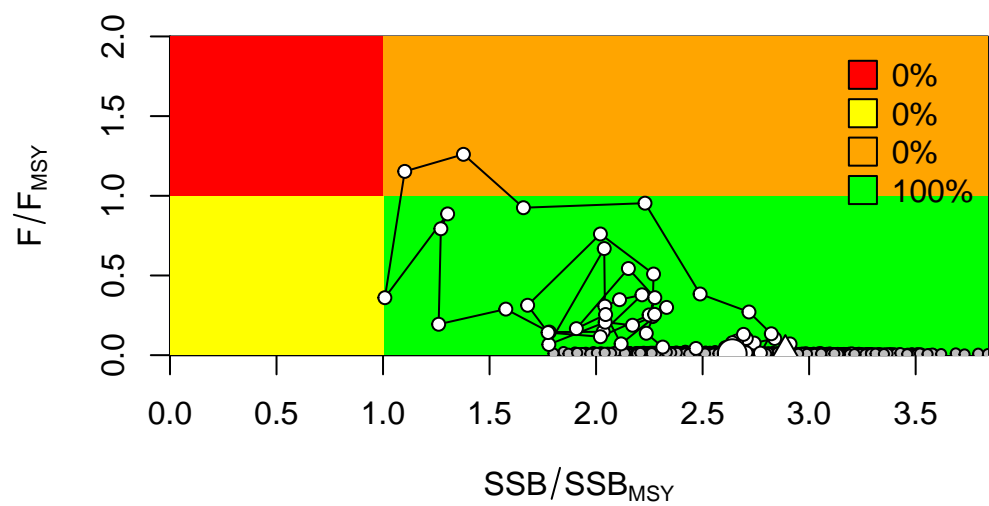
Recruitment Deviations

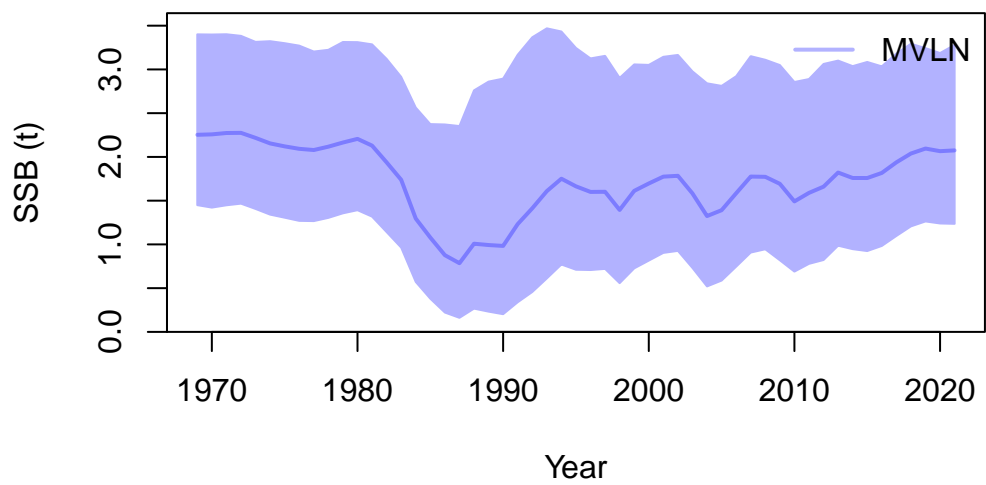
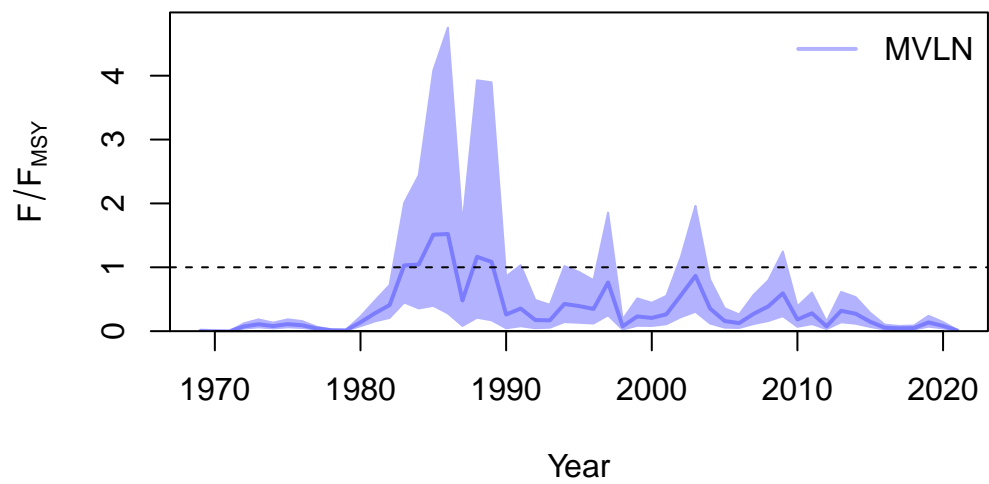
Likelihood Profile

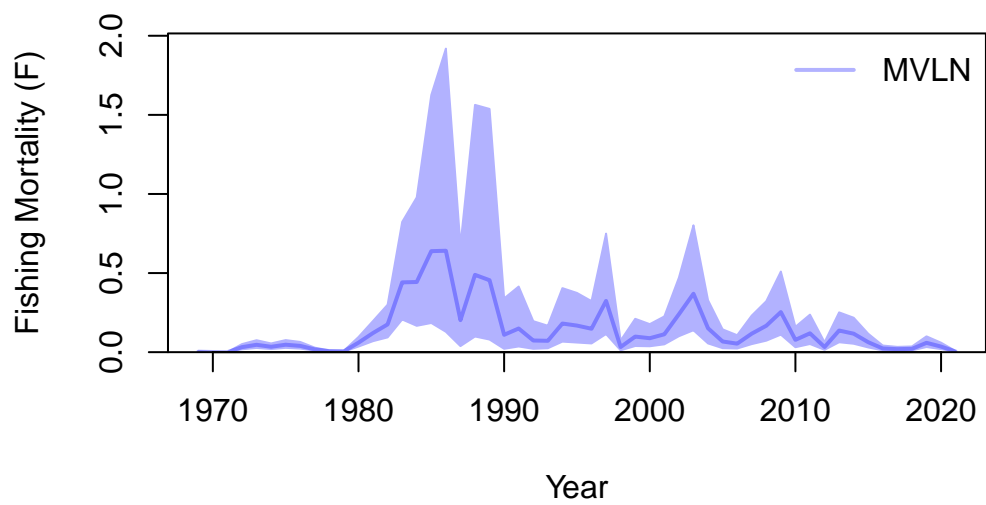
[1] "No likelihood runs were found"

Management Quantities

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

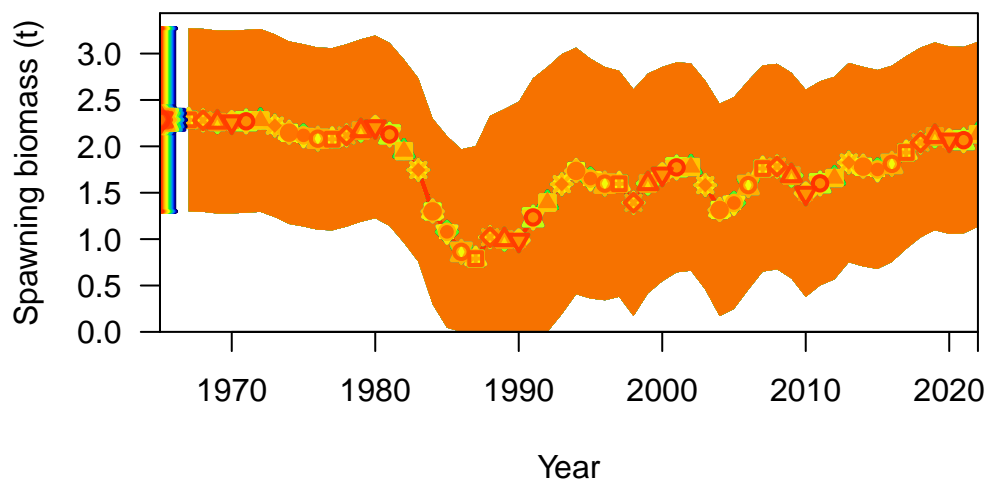
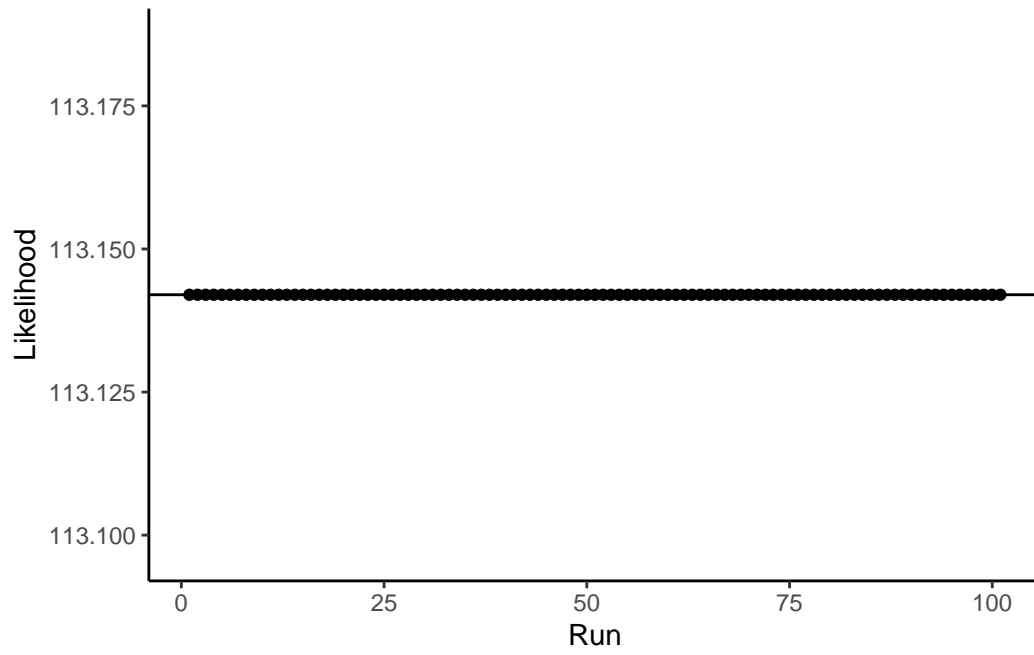


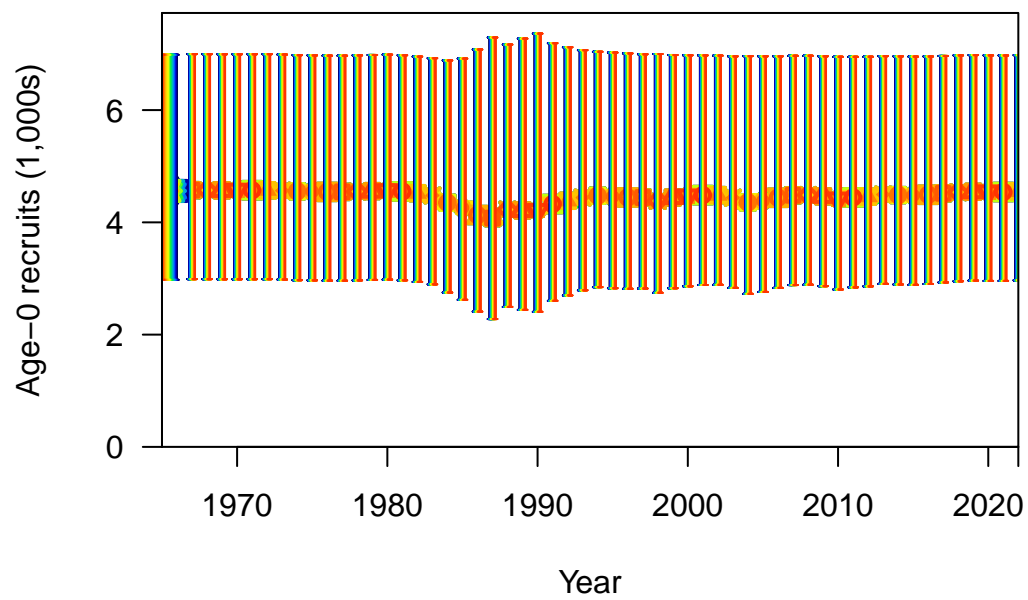
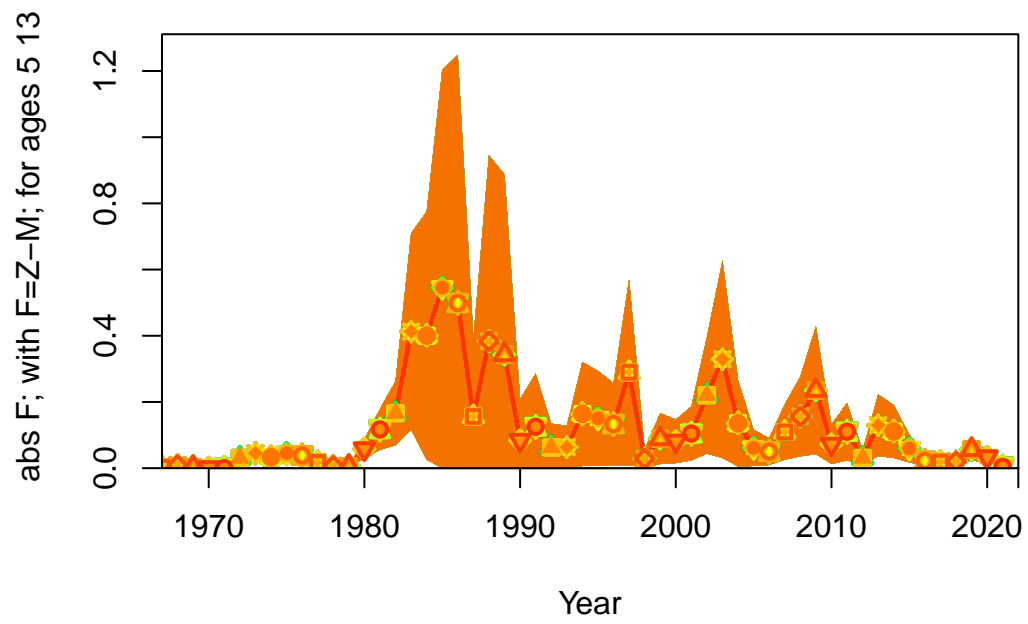




null device
1

Jitter





Selectivity and Maturity

