

American Samoa Model Checks

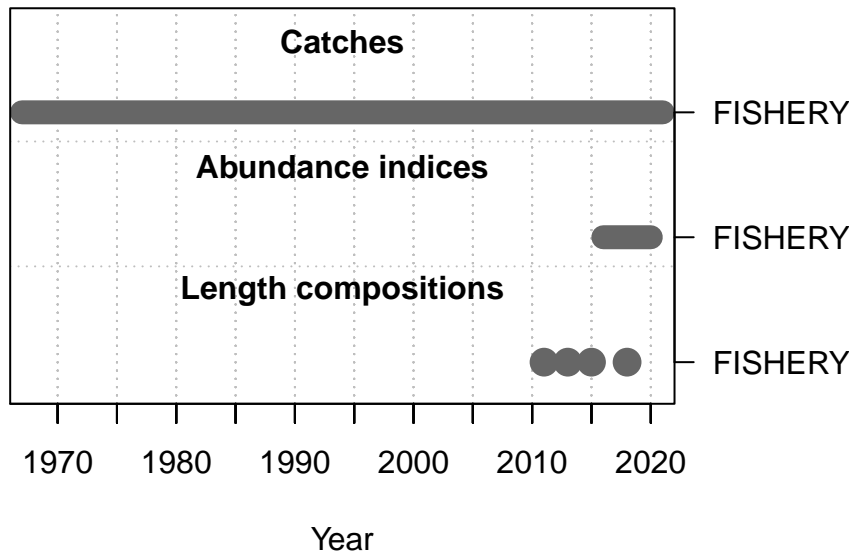
Marc Nadon and Meg Oshima

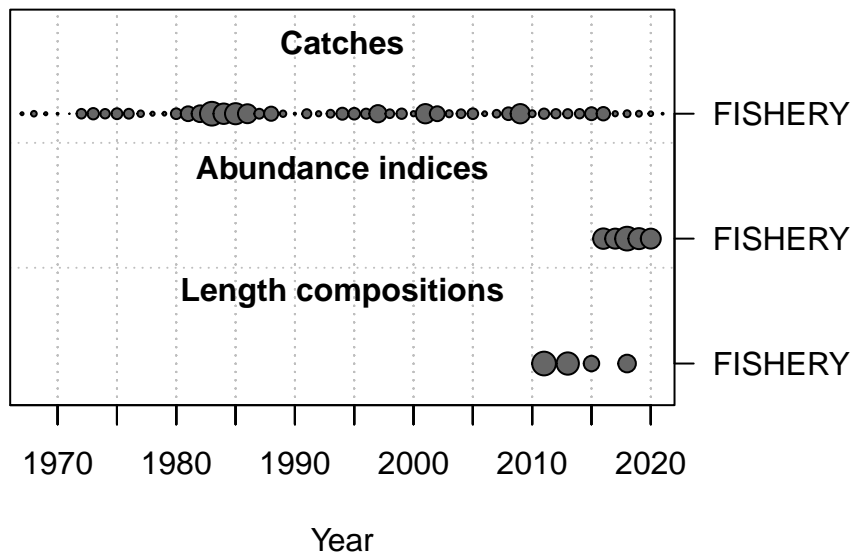
2023-02-27

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

Model Output

Input Data





Convergence Check

```

Converged      MaxGrad
1      TRUE 5.21714e-05

```

```

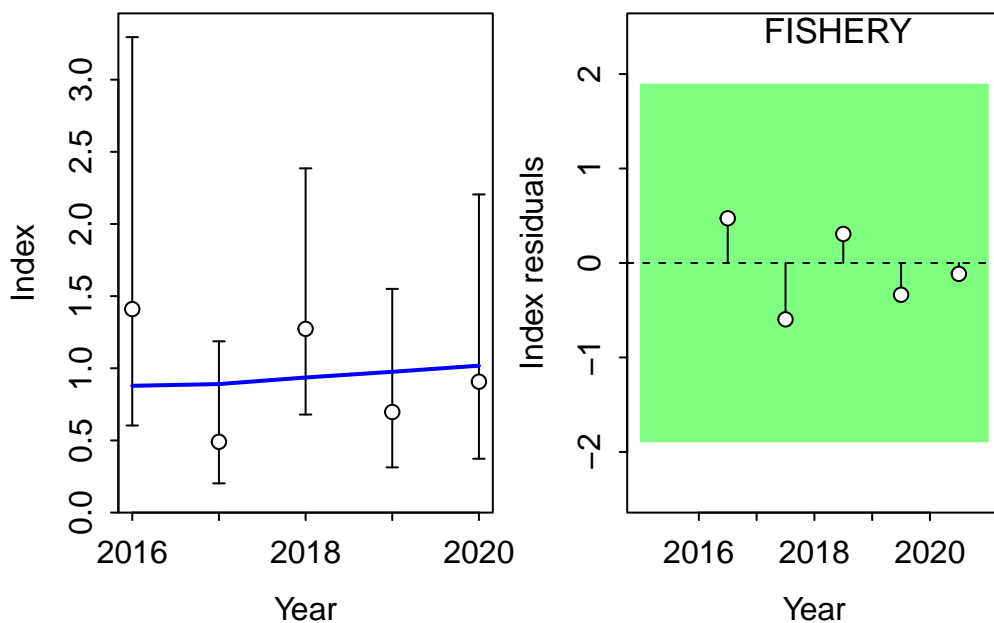
[1] "1 NOTE: Max data length bin: 48 < max pop len bins: 53; so will accumulate larger pop
[2] "N warnings: 1"

```

Fit to Model

CPUE

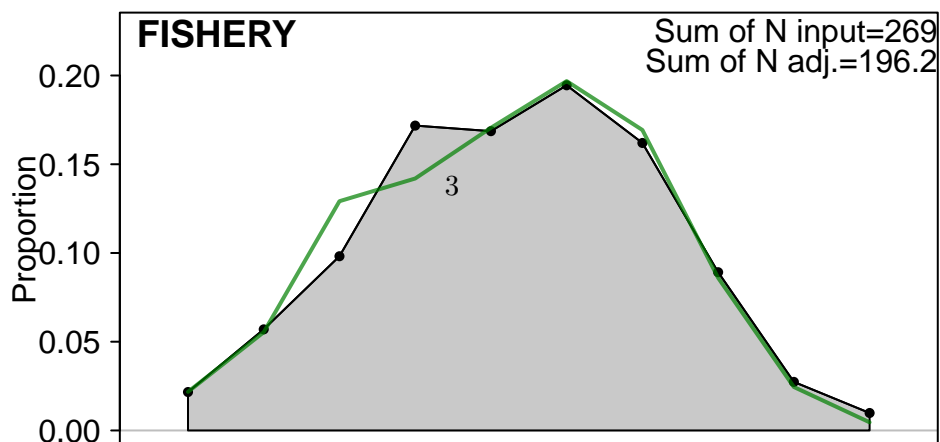
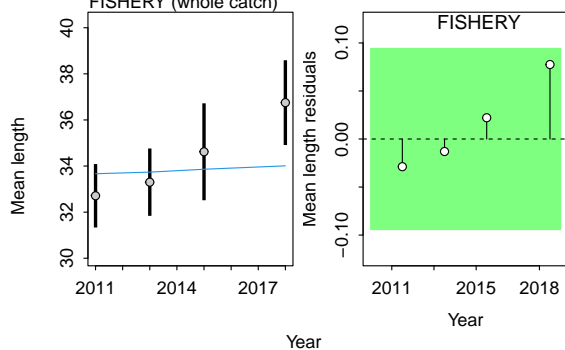
Fleet	RMSE.perc	Nobs
FISHERY	40	5
Combined	40	5

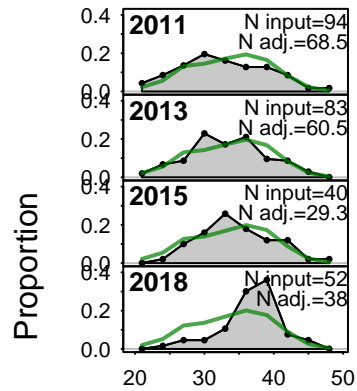


Length Comp

Fleet	RMSE.perc	Nobs
FISHERY	4.3	4
Combined	4.3	4

w lo hi Index runs.p test sigma3.lo sigma3.hi type
 0.2736688 0.1861517 6.3739390 1 FISHERY 0.11 Passed -0.09427357 0.09427357 len





Length (cm)

Retrospective

[1] "No retrospective runs were found"

Hindcasting

[1] "No information for hindcast was found"

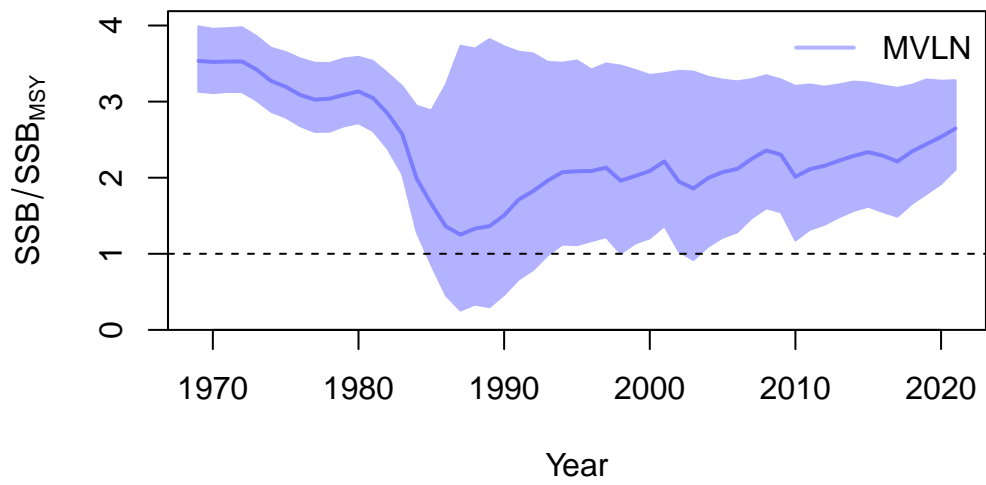
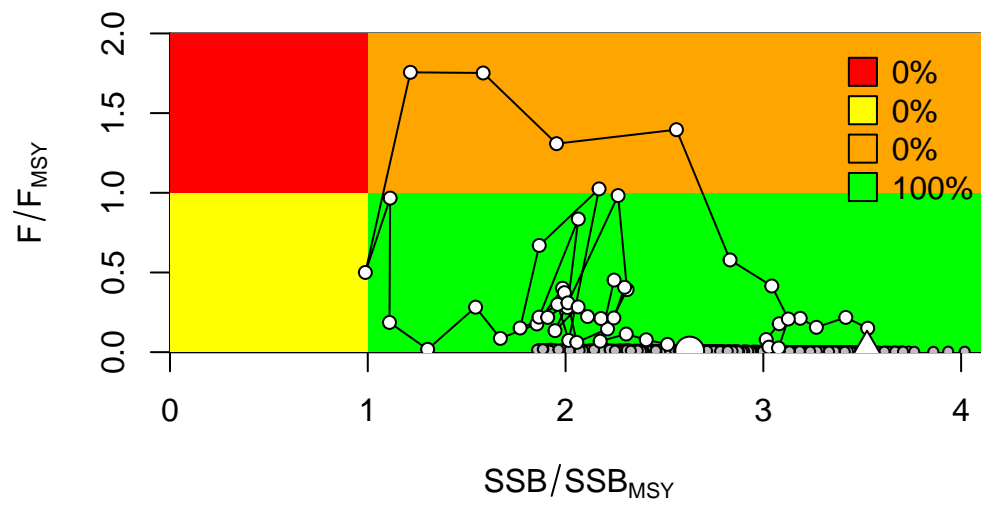
Recruitment Deviations

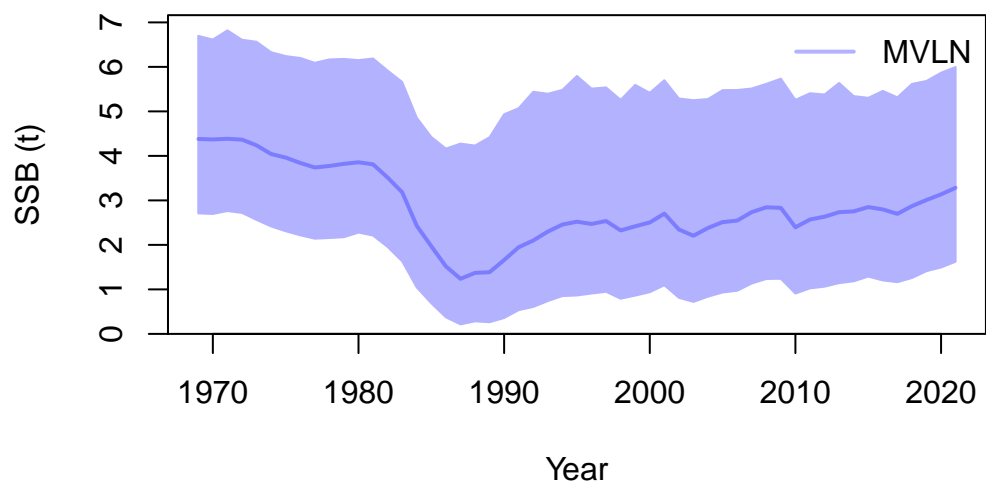
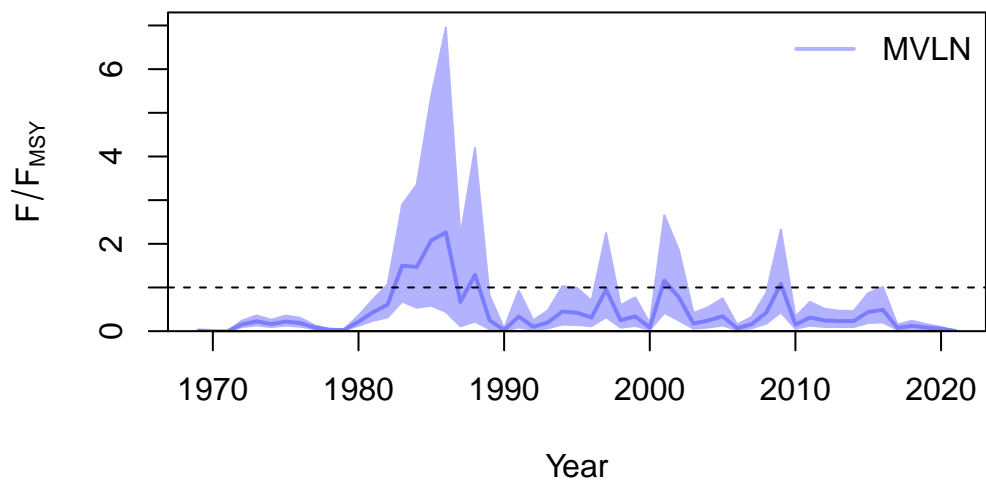
Likelihood Profile

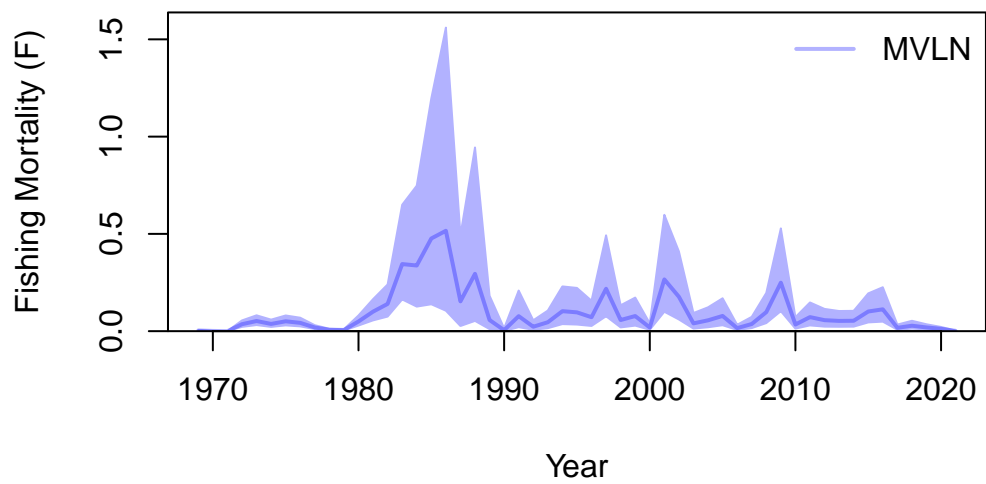
[1] "No likelihood runs were found"

Management Quantities

starter.sso with Bratio: SSB/SSBMSY and F: `_abs_F`

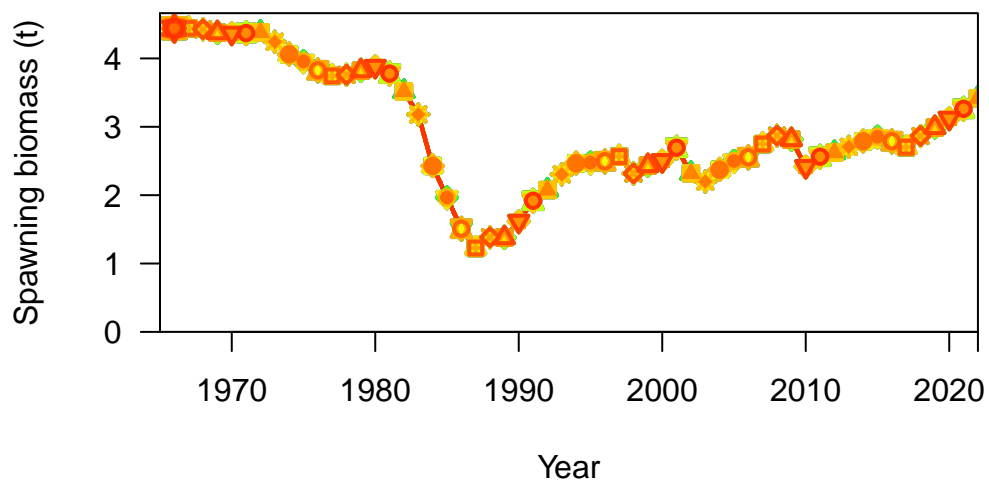
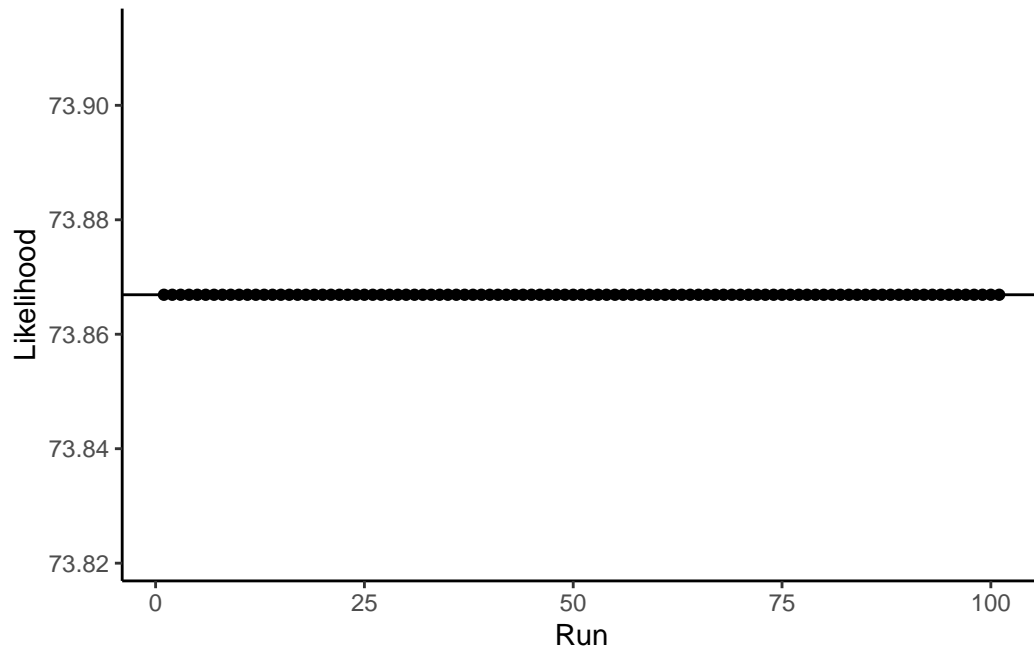


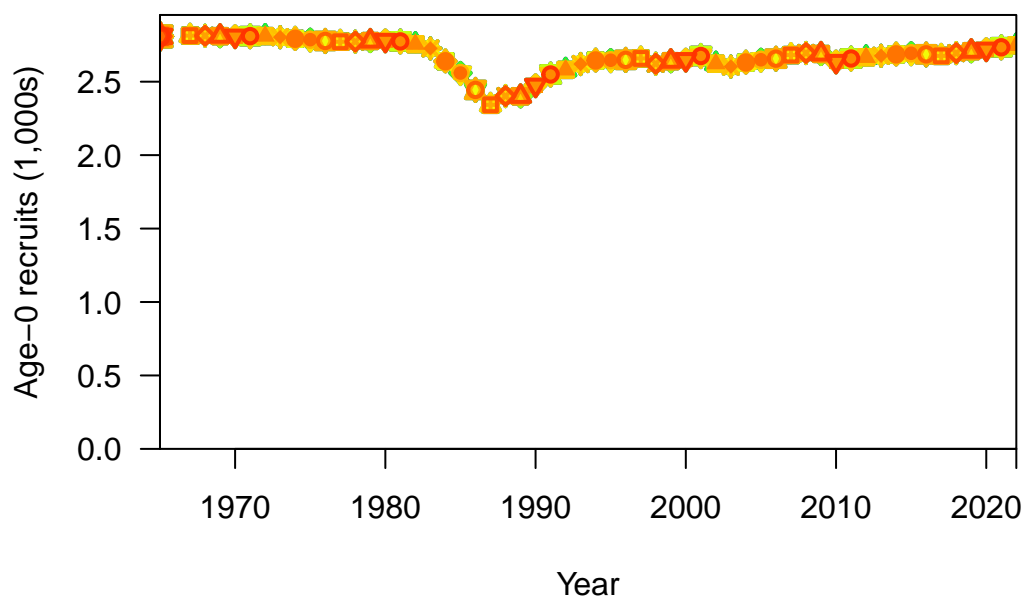
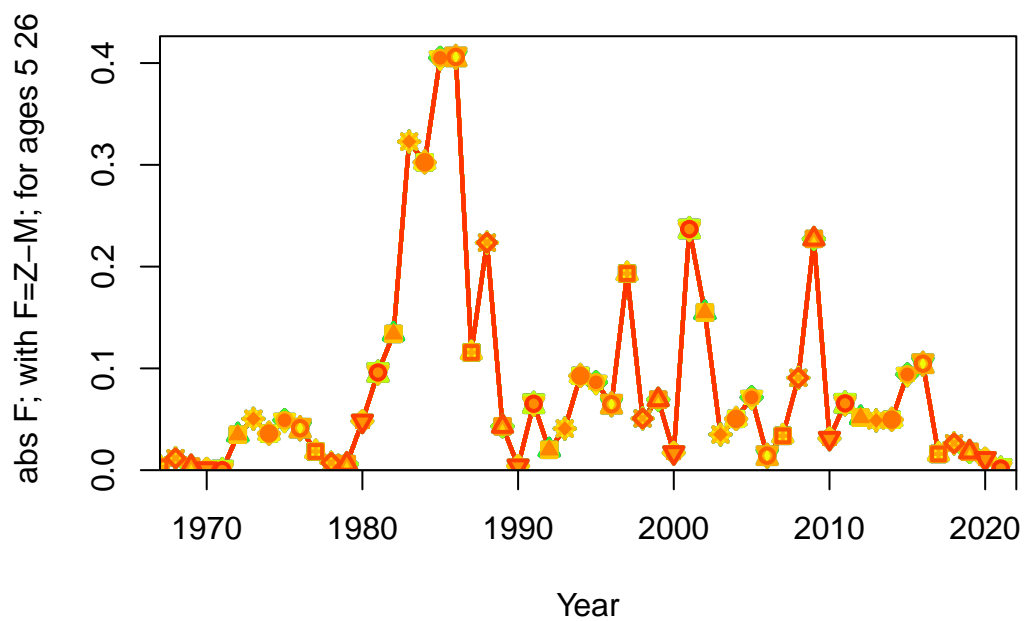




null device
1

Jitter





Selectivity and Maturity

