

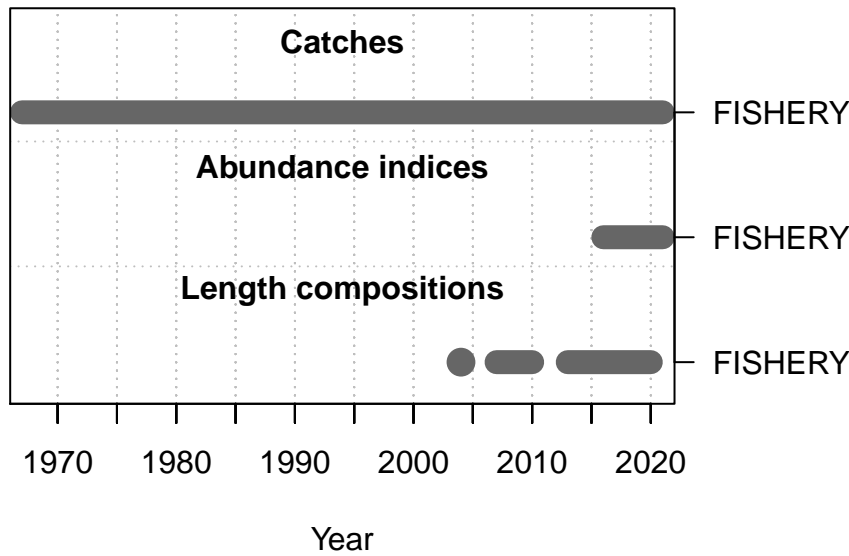
American Samoa Model Checks

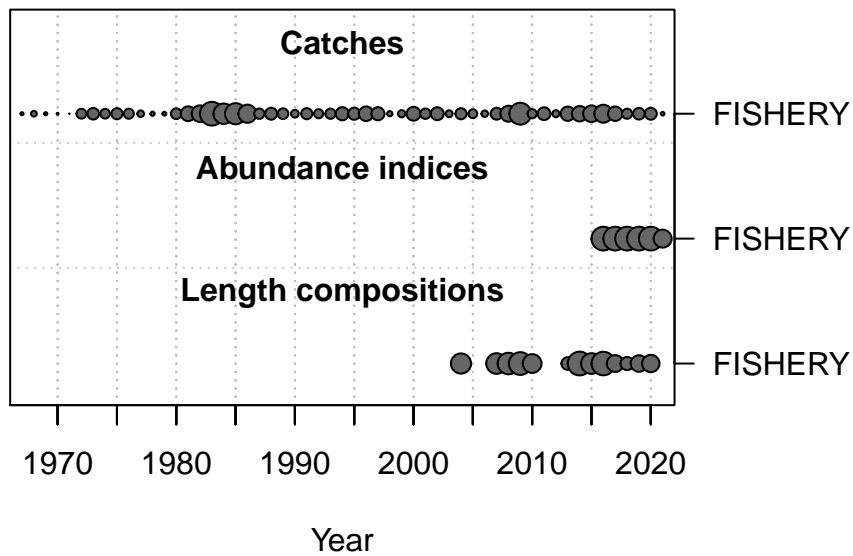
2022-08-28

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

Model Output

Input Data





Convergence Check

```

Converged      MaxGrad
1      TRUE 1.41336e-05

```

```

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

```

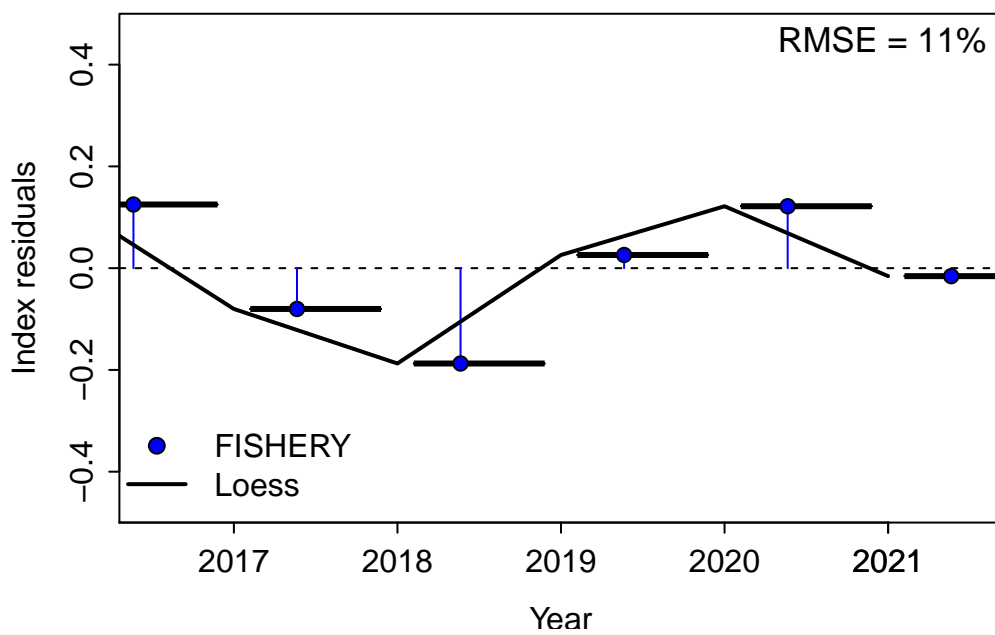
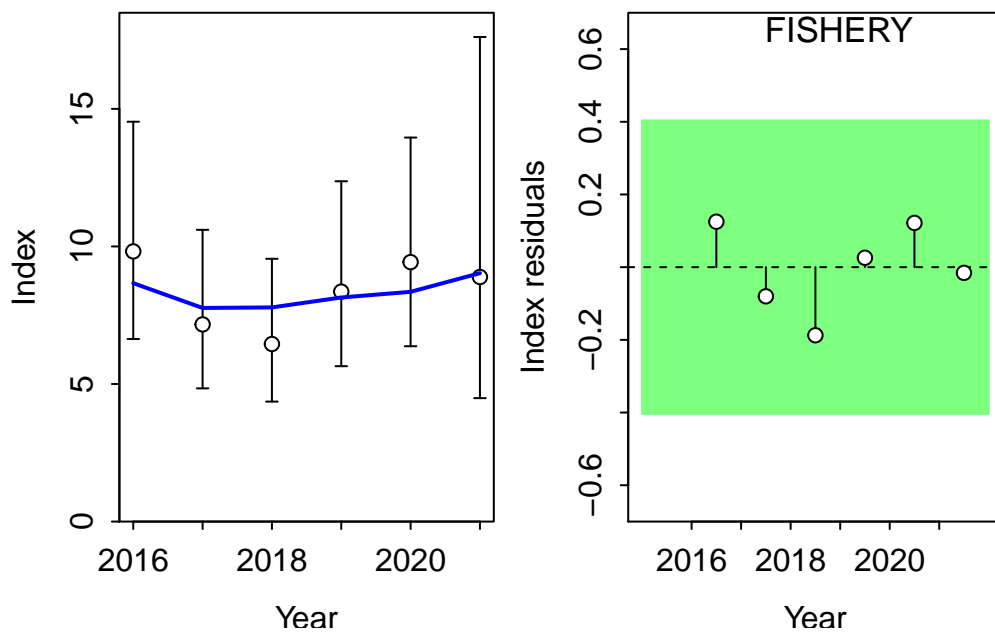
Fit to Model

CPUE

Residual Runs Test (/w plot) stats by Index:

RMSE stats by Index:

Length Comp



#Factor	Fleet	New_Var_adj	Type	Name
4	1	0.176722	len	FISHERY

Residual Runs Test (/w plot) stats by Mean length:

```

      Index runs.p  test  sigma3.lo sigma3.hi type
1 FISHERY  0.022 Failed -0.1021695 0.1021695  len

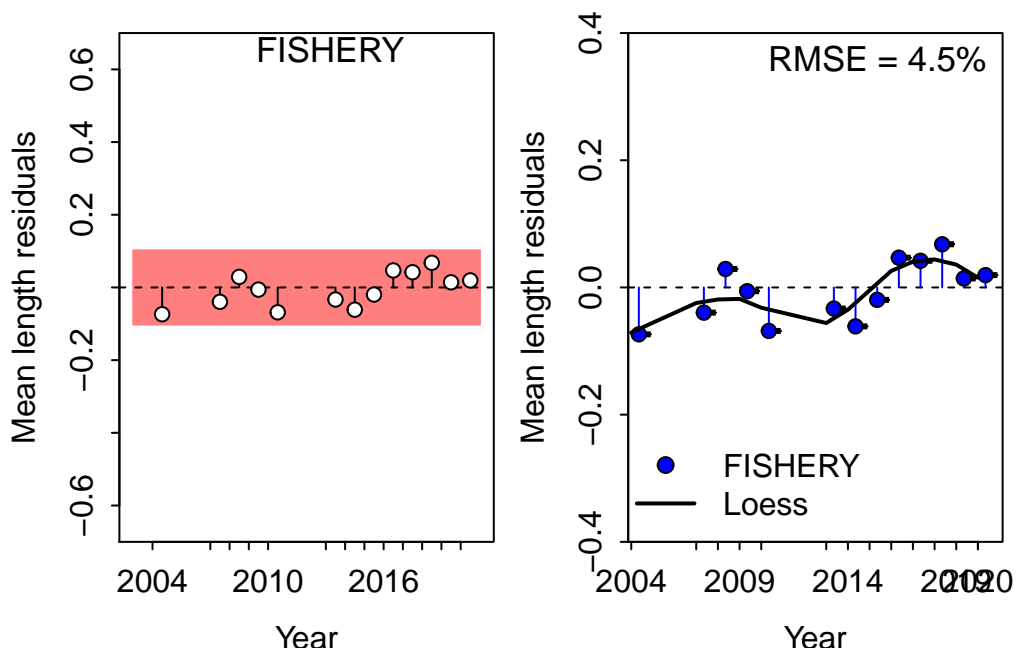
```

RMSE stats by Index:

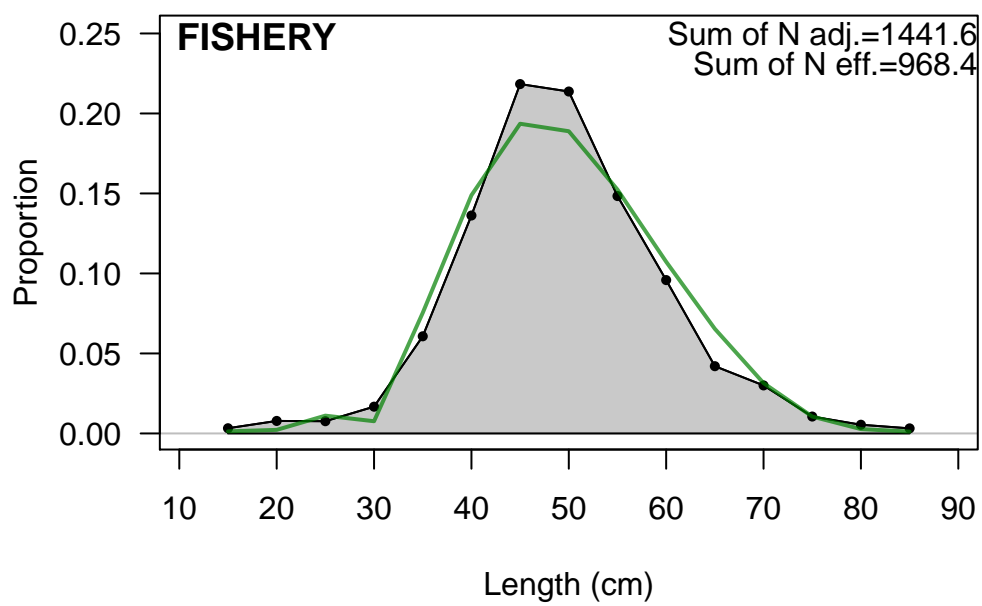
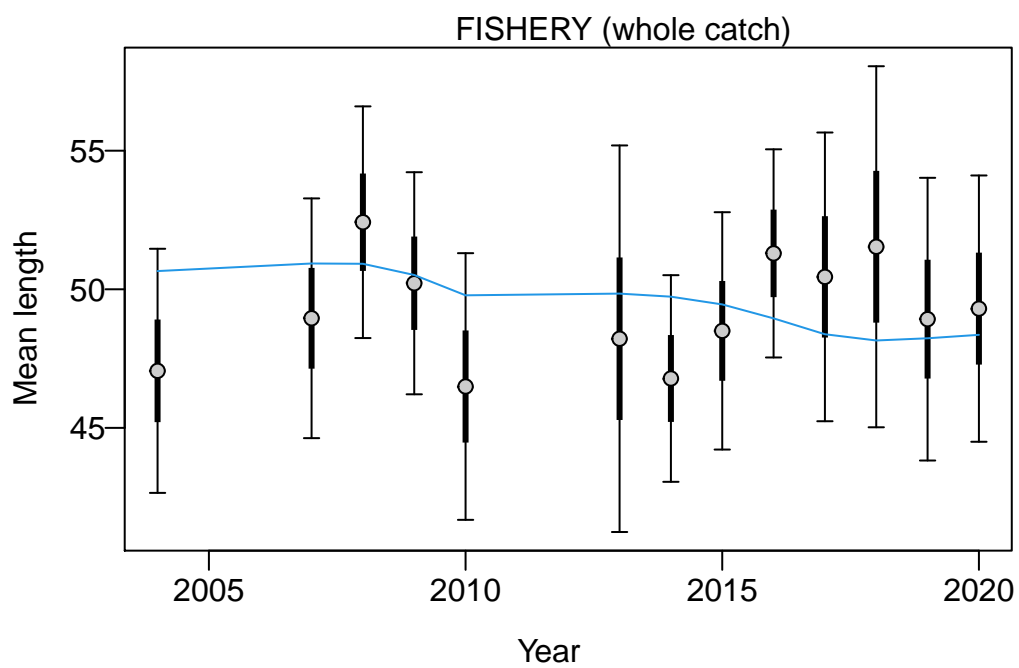
```

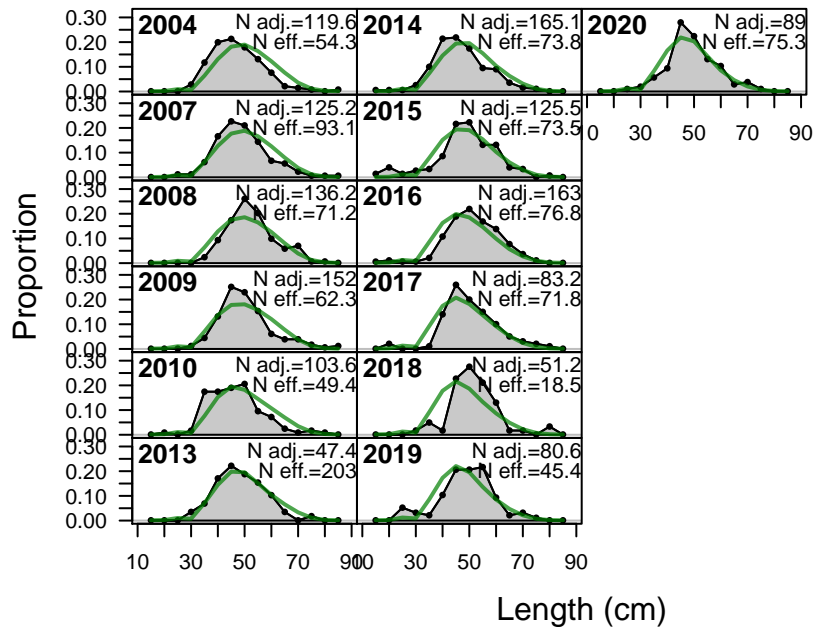
# A tibble: 2 x 3
  Fleet    RMSE.perc Nobs
  <chr>      <dbl> <int>
1 FISHERY      4.5     13
2 Combined      4.5     13

```



Retrospective and Hindcasting





Retrospective

Error in stats[["parameters"]]: subscript out of bounds

Hindcasting

Error in SSplotHCxval(retrosum, subplots = "cpue", add = TRUE, indexselect = i): object 'retrosum' not found

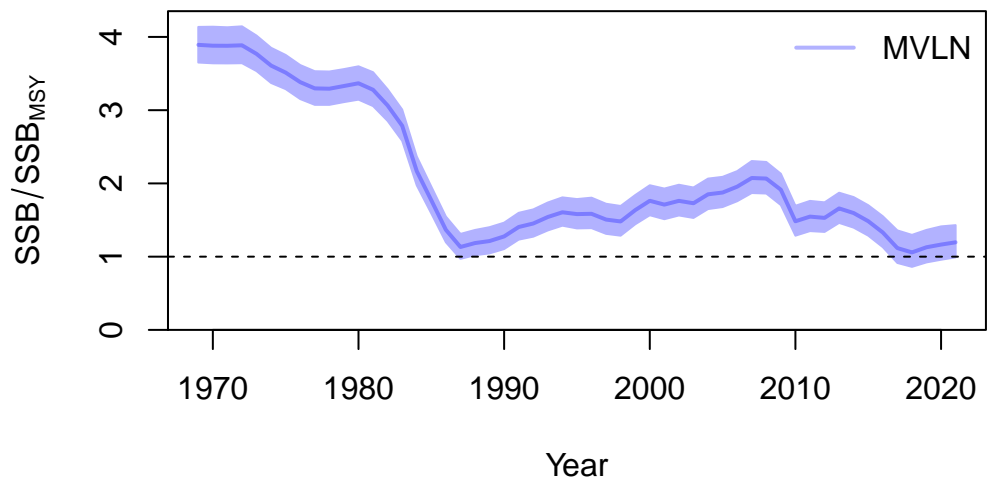
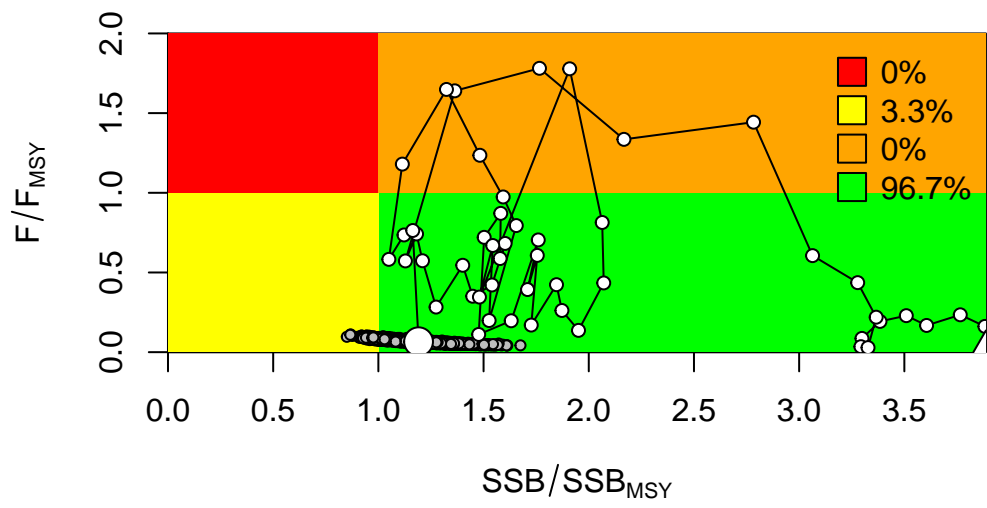
Recruitment Deviations

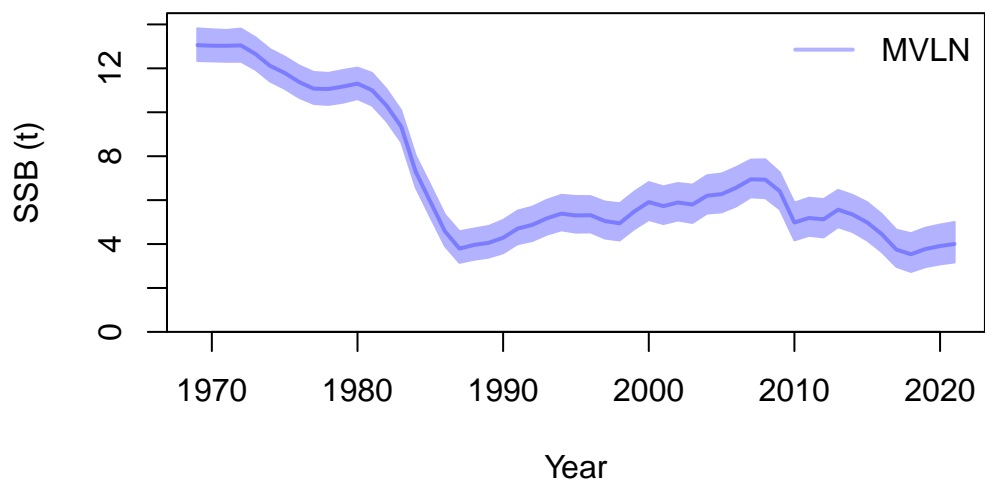
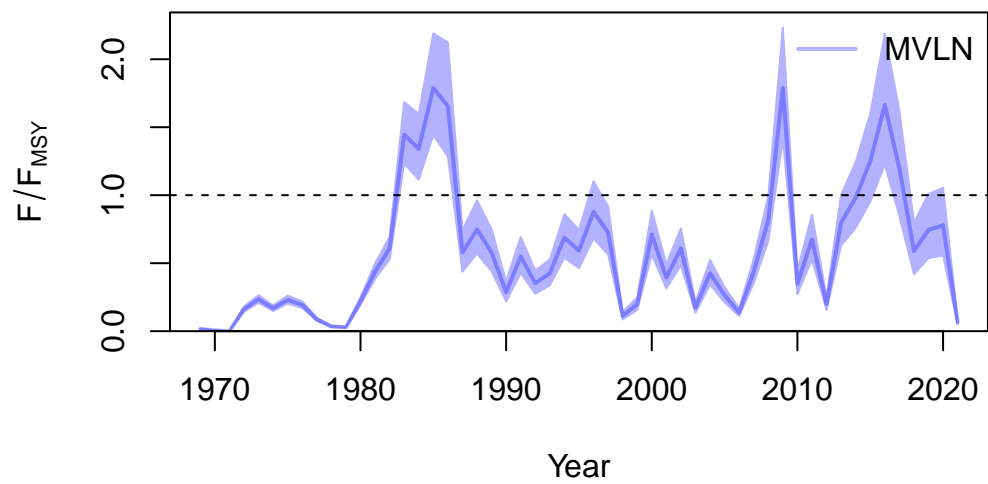
Likelihood Profile

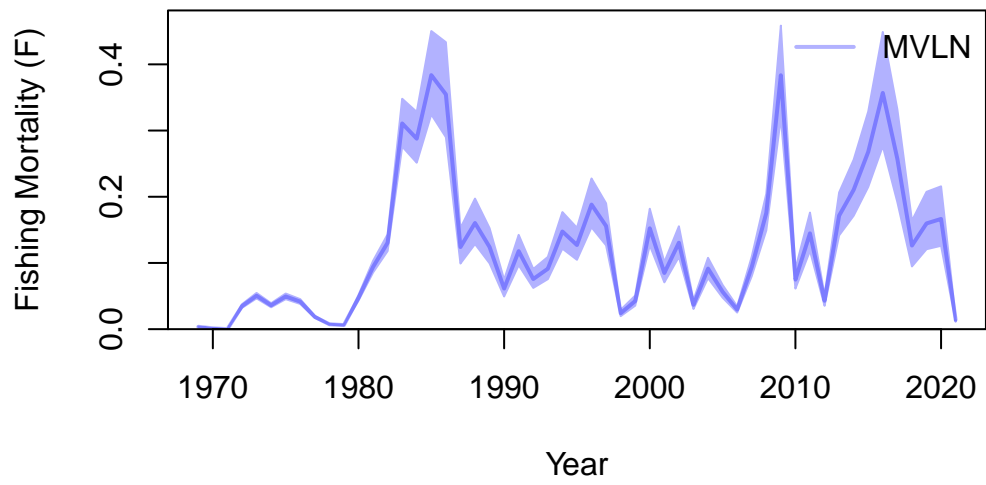
[1] "No likelihood runs were found"

Management Quantities

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







```
null device
      1
```

Jitter

```
[1] "No jitter runs were found."
```