

18 / 24 : 3 2 1 2 : 3 2 1 2

## ABT-MSE Operating model fitting report

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### Operating model scenario is

Level 3: Low natural mortality and younger age of maturity for both stocks

Level 2: Steepness of the Beverton Holt Stock recruitment relationship for both stocks assumed to be 0.98

Level 1: Master abundance index calculated including Spanish CPUE data

Level 2: Depletion of both stocks inferred by master index declining linearly to a 50% reduction

### Estimated selectivities

Words with markup to indicated `code` or R `function` names.

Some R:

```
OMI@Name # objects in memory and current namespace
```

```
## [1] "18 / 24 : 3 2 1 2 : 3 2 1 2"
```

Now some MSE results:

```
print(Sys.time())
```

```
## [1] "2016-09-14 10:14:26 PDT"
```

### Fit to observed catches

Predicted (line) versus observed (point) catches of Atlantic bluefin (log tonnes)

