

## The FLStock class



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Maritime Affairs Unit - IPSC

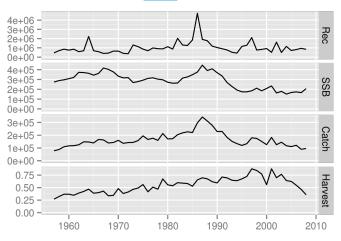
EC Joint Research Center



#### The FLStock class

- Our view of the dynamics of a stock.
- Composed of FLQuant objects
- Class validity (validObject())
  - year, unit, season, area must equal
  - quant according to slot
  - iter, 1 or N





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### **Slots**

• name, desc, range

### Fishery data

• catch: in weight

• catch.n: by quant (age)

• catch.wt: mean-weight-at-quant

· landings, landings.n, landings.wt

• discards, discards.n, discards.wt



# **Slot** Biology

- m
- mat

### **Timing**

• harvest.spwn, m.spwn

### Results

- stock, stock.n, stock.wt
- harvest: units = 'f' or 'hr'

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### **Methods**

- Calculations
- Summary
- Subset
- Operations
- Plot
- Accessors
- Conversions



## **Methods Map**

