Study of MSF methods

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Overview

This document produces an overview of a set of candidate methods to account for mark-selective fisheries (MSF) in the calculations of calendar year exploitation rates (CYER) for the Chinook Technical Committee (CTC) indicator stocks.
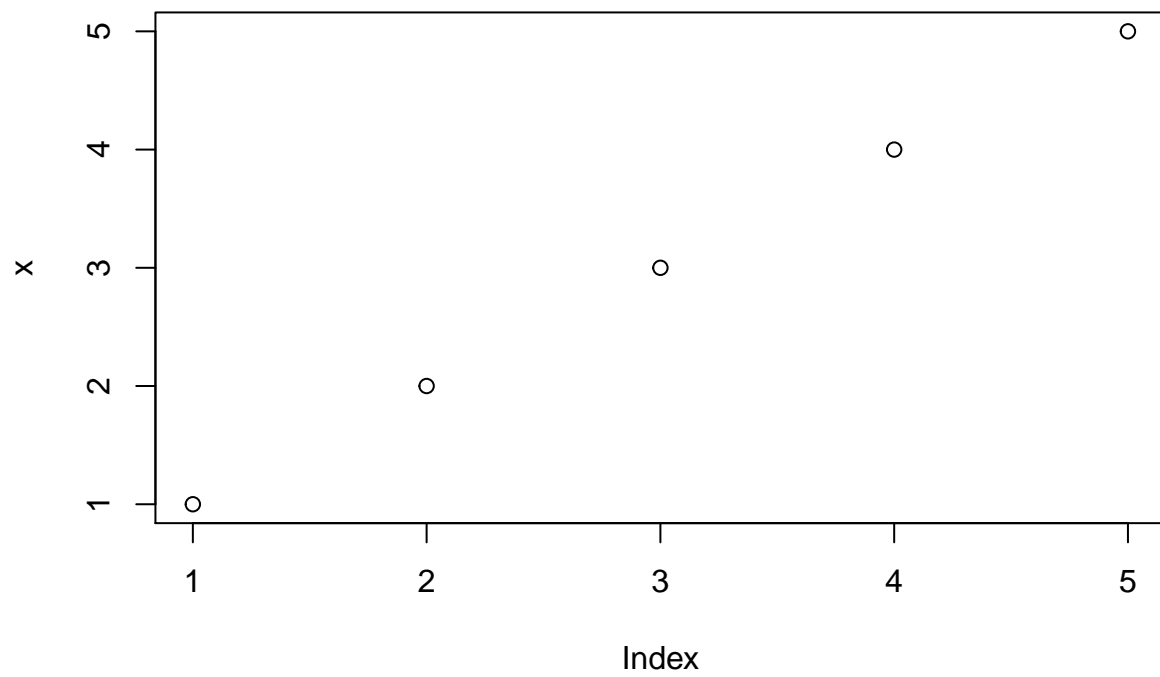
The methods are divided into two major categories: single index tag (SIT) and double index tag (DIT) methods.

The list of methods studied in this documet are shown below: - SIT 1: λ_a is estimating at spawning by age - SIT 2: λ_a is estimating at spawning by age updated after successive fisheries - SIT 3: λ is estimated at release - SIT 4: λ is estimated at release and updated after successive fisheries - SIT 5: λ estimated from total exploitation rate and escapement and updated after successive fisheries

SIT

SIT 1

```r
# input R code here. Examples: define R list
x = c(1, 2, 3, 4, 5)
# make plot
plot(x)
```

SIT 2