

Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Wed Aug 24 11:41:39 2022  
Data\_File: data.ss  
Control\_File: control.ss

Length (cm, beginning of the year)



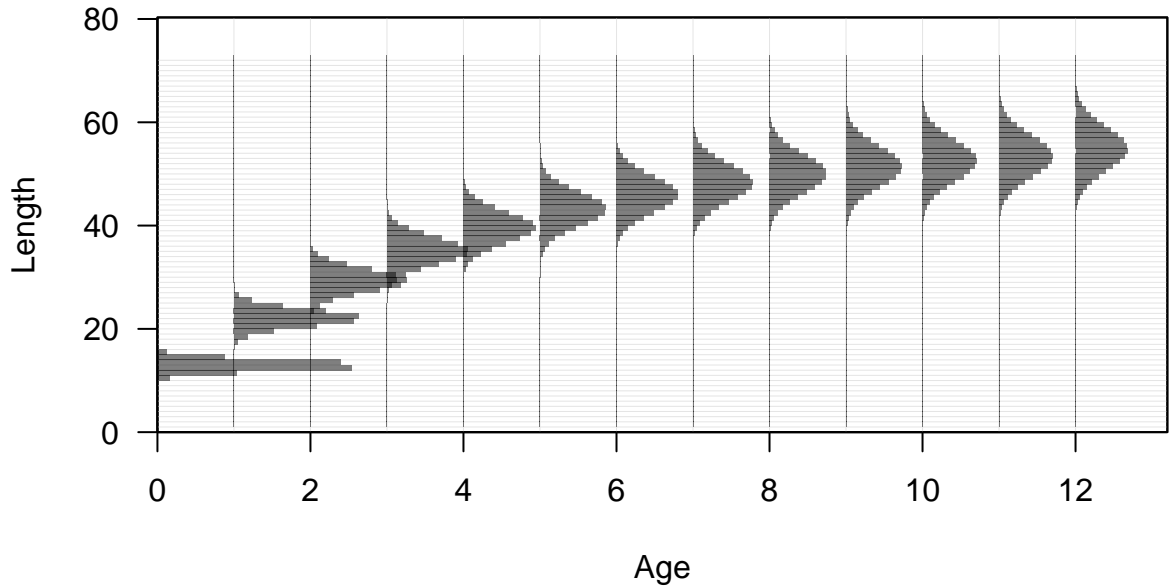










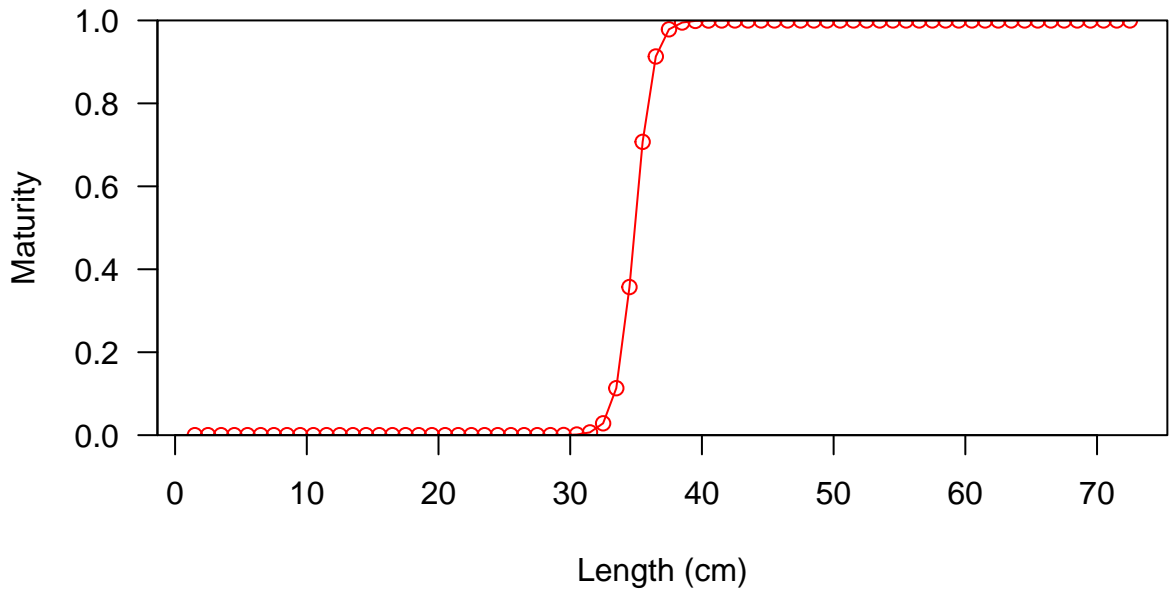






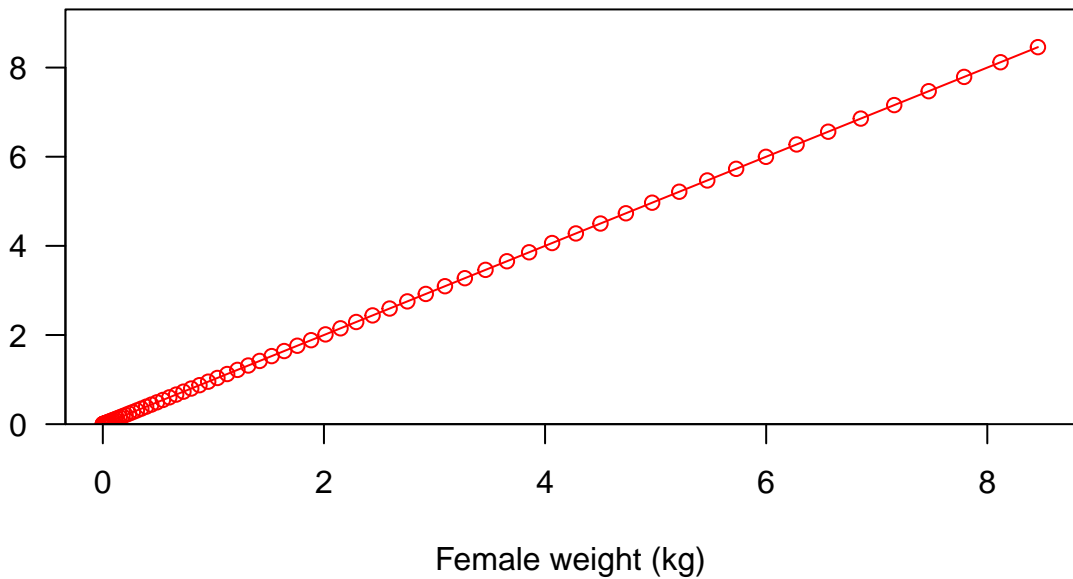








Fecundity



Fecundity

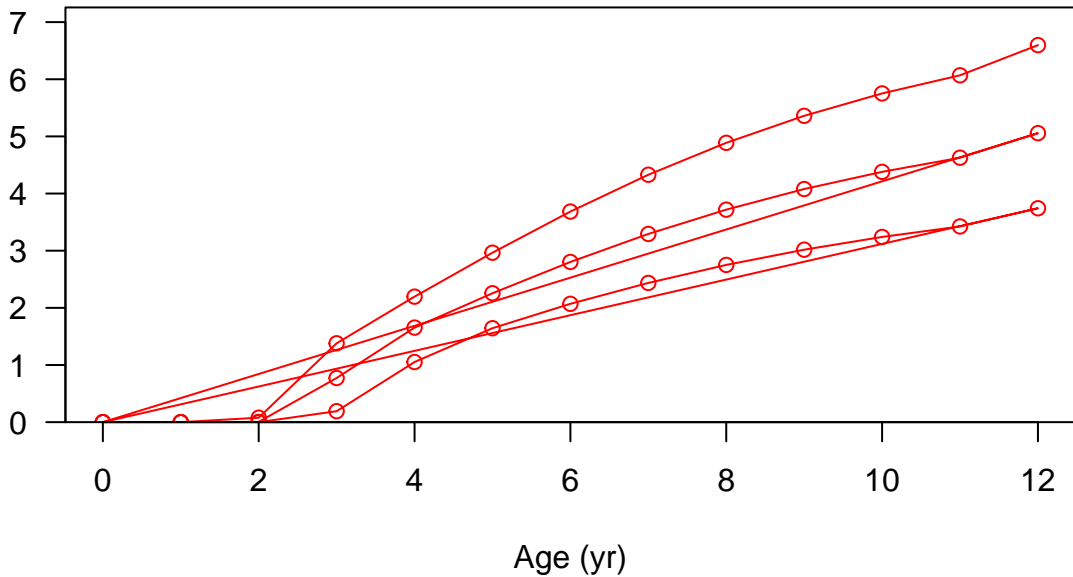


Spawning output

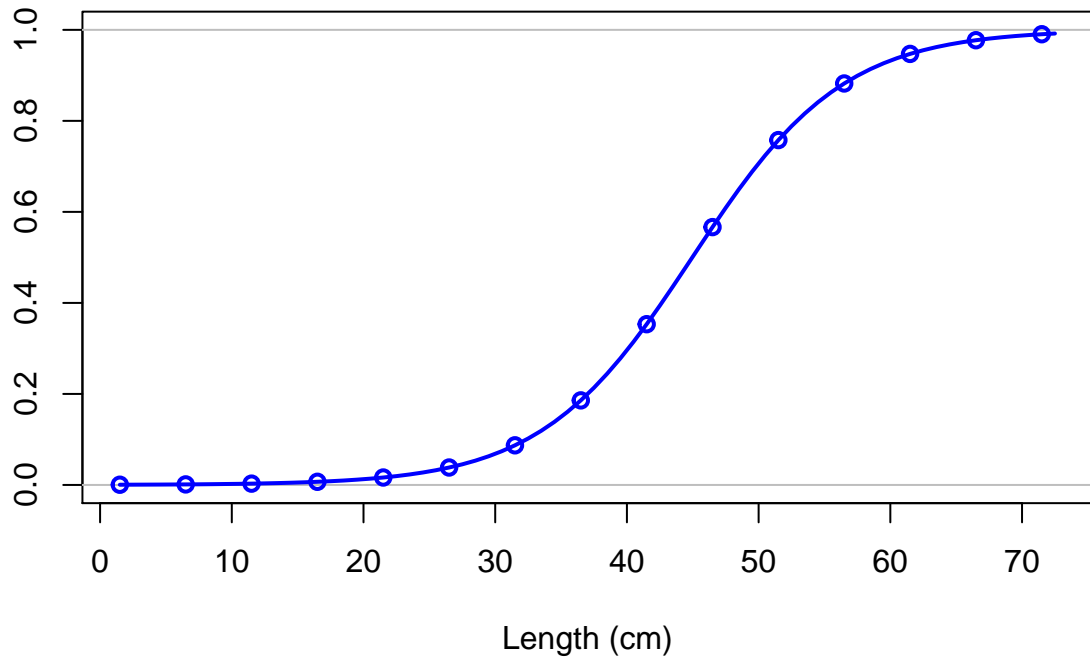




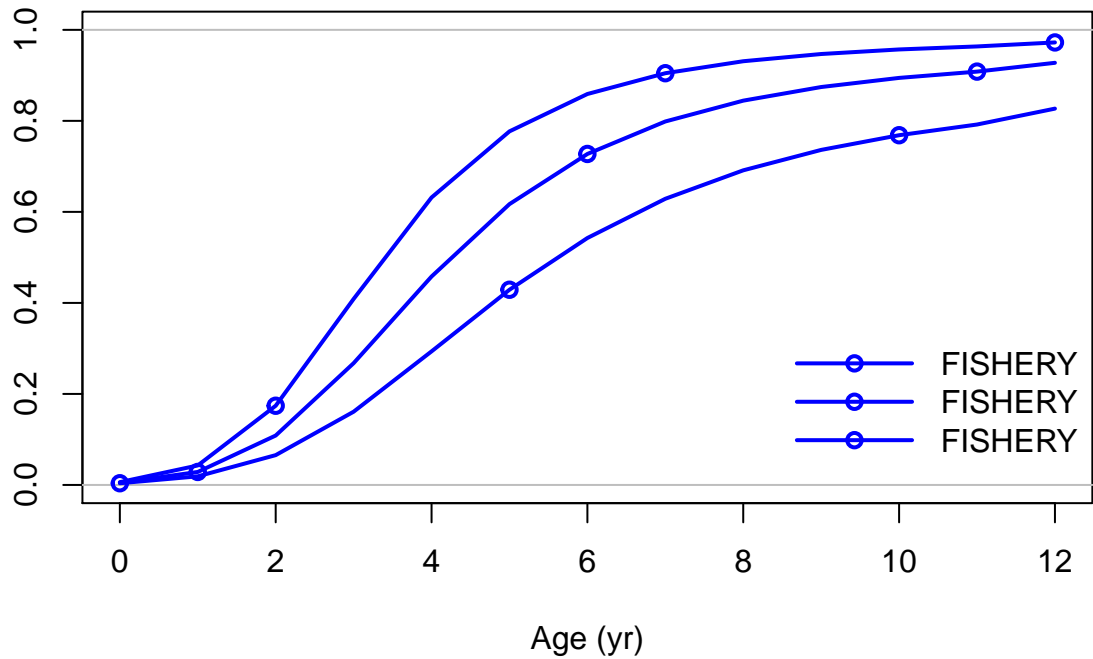
Spawning output



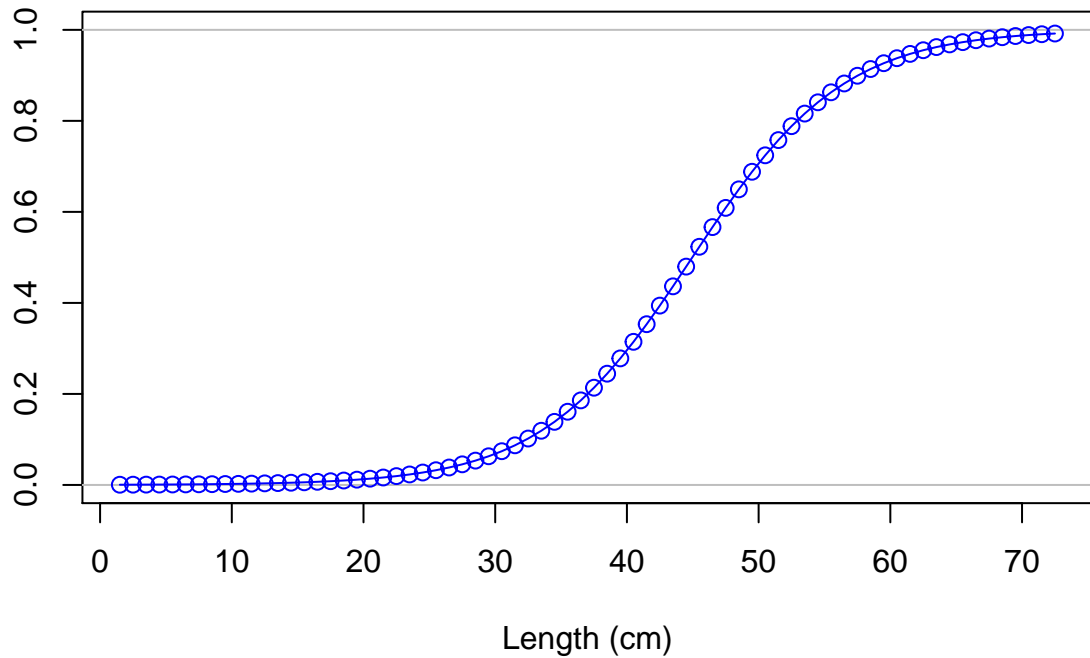
Selectivity

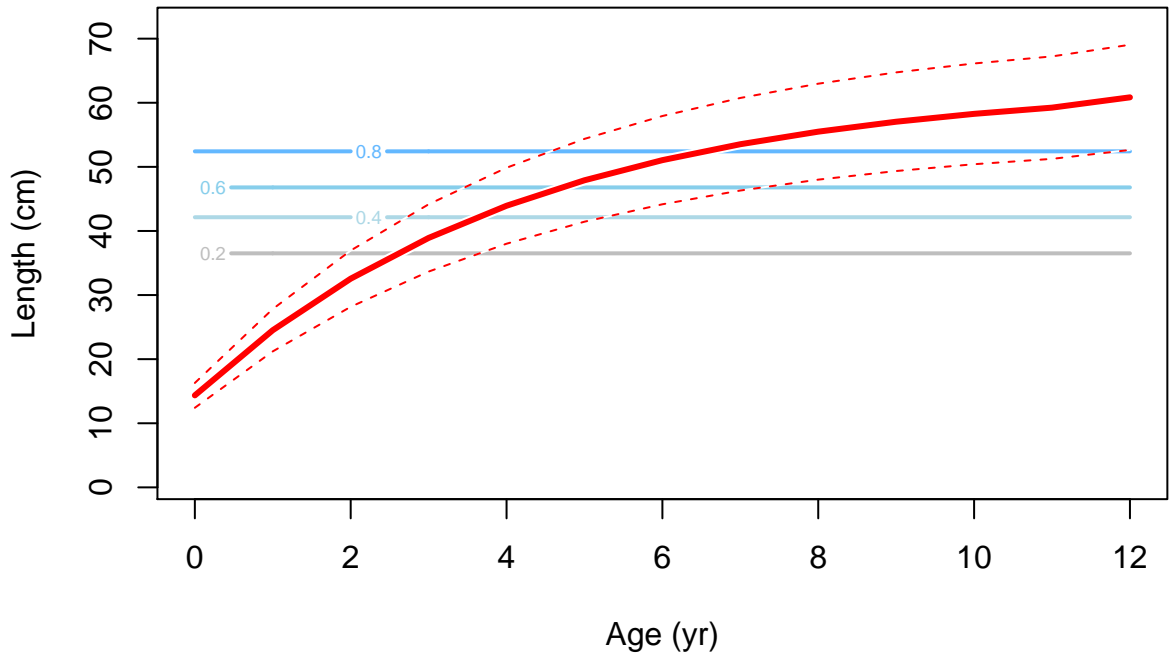


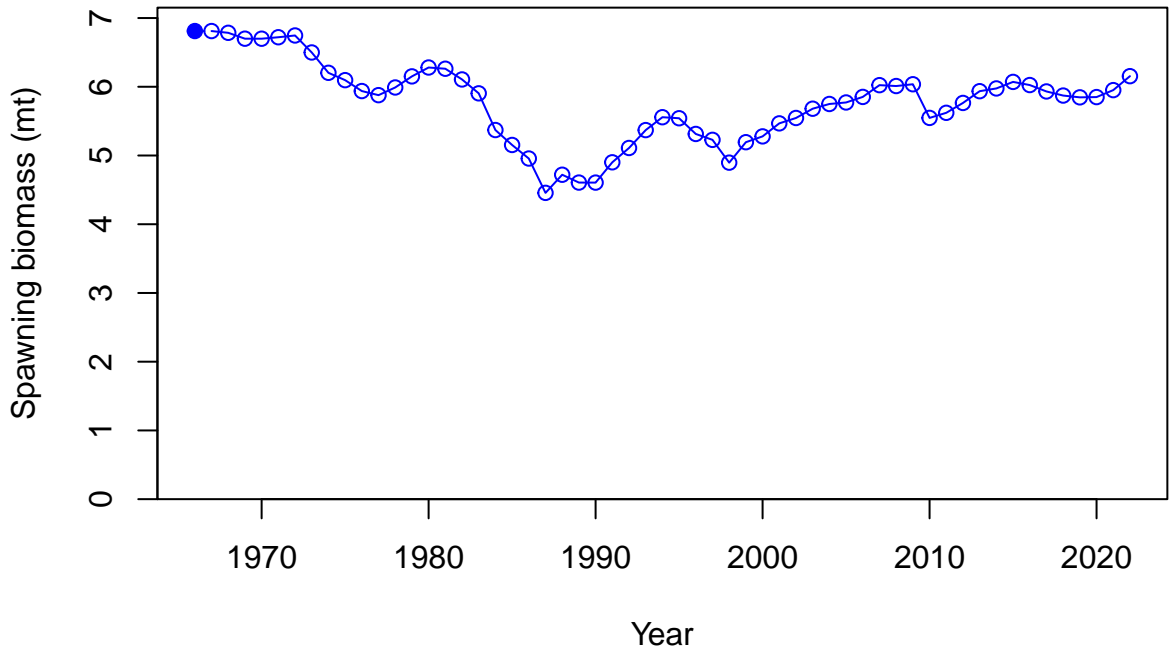
Selectivity

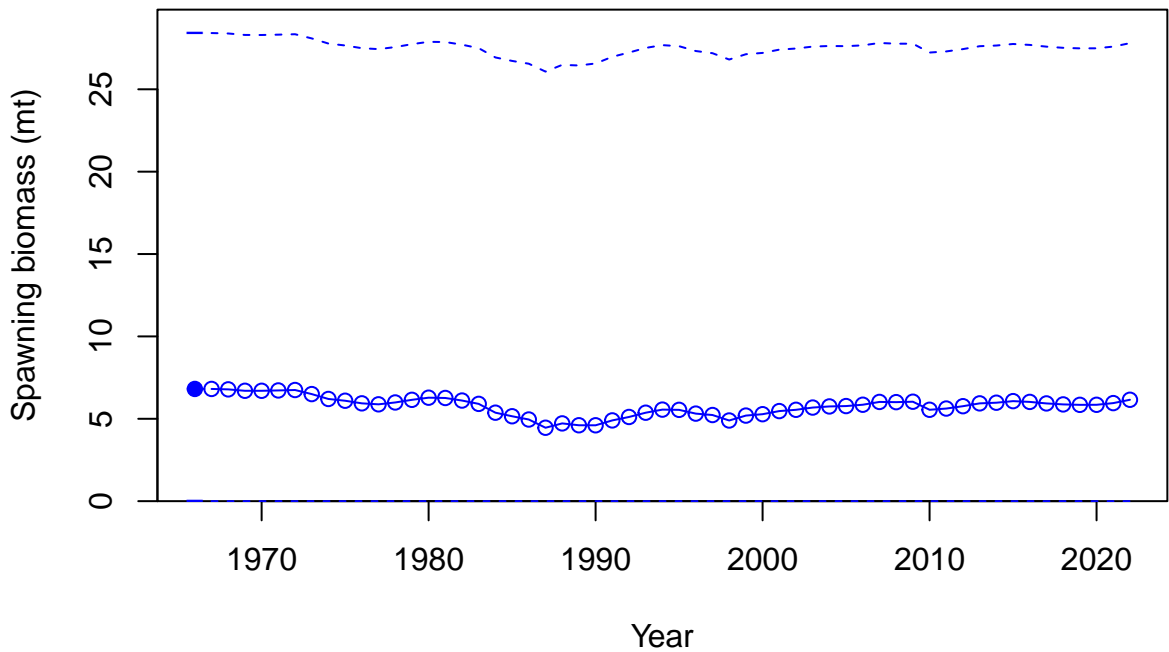


Selectivity

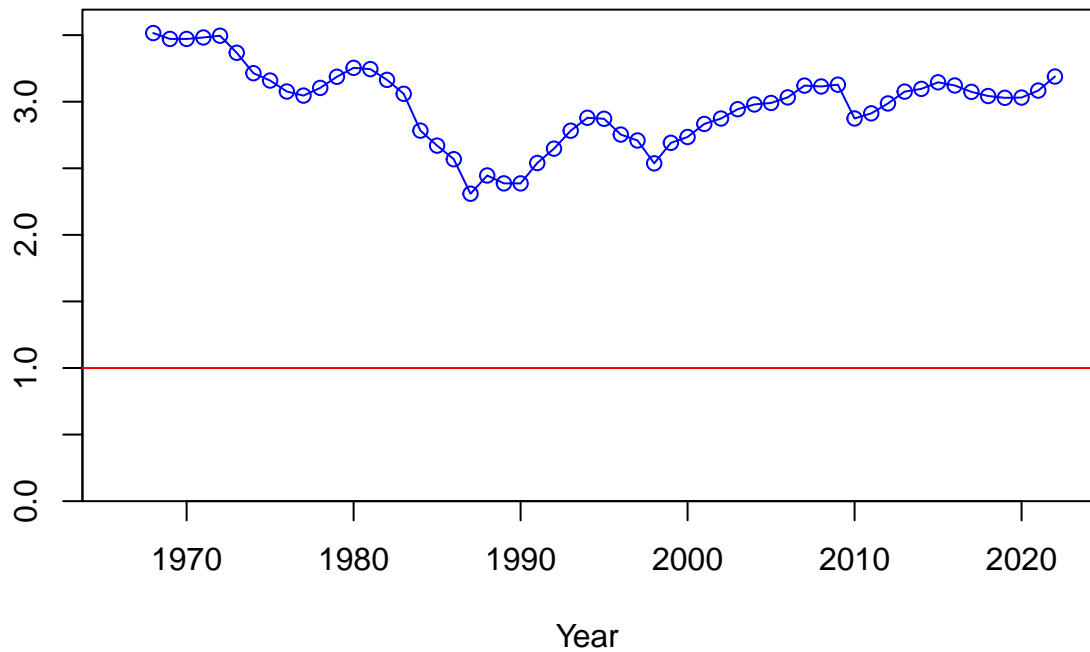






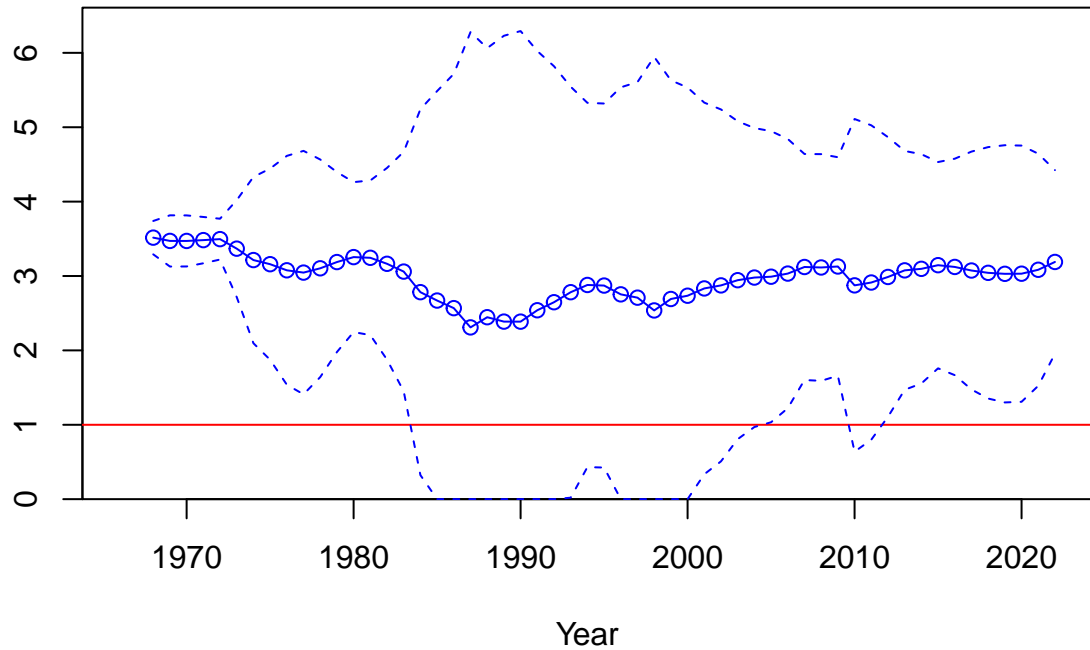


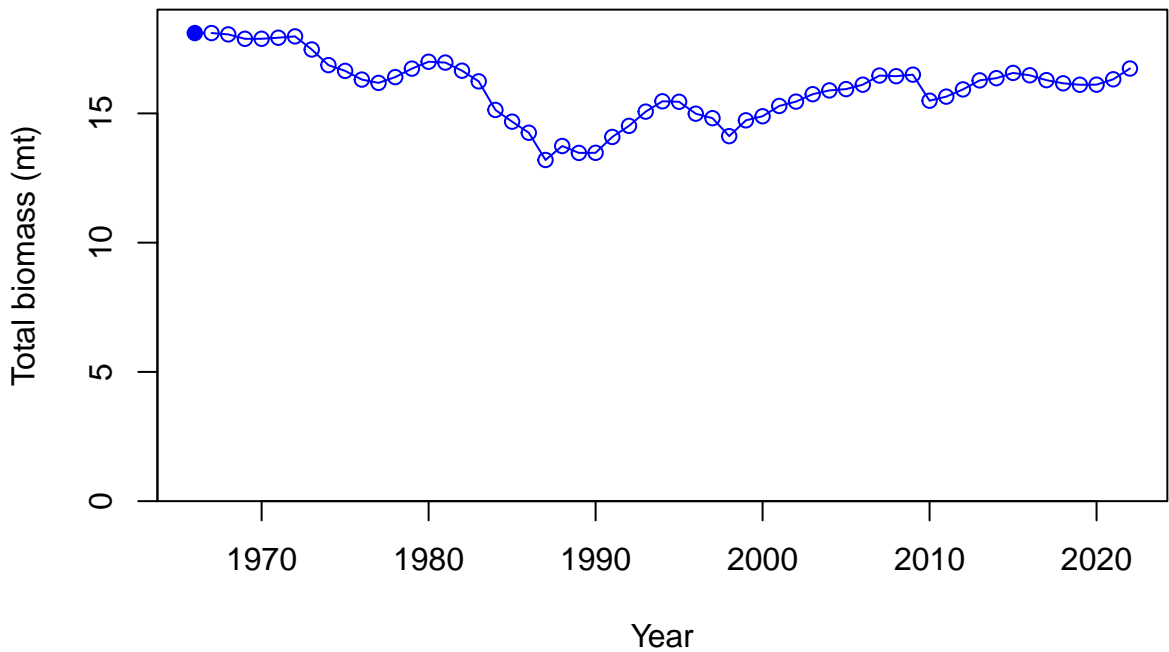
Relative spawning biomass:  $B/B_{MSY}$

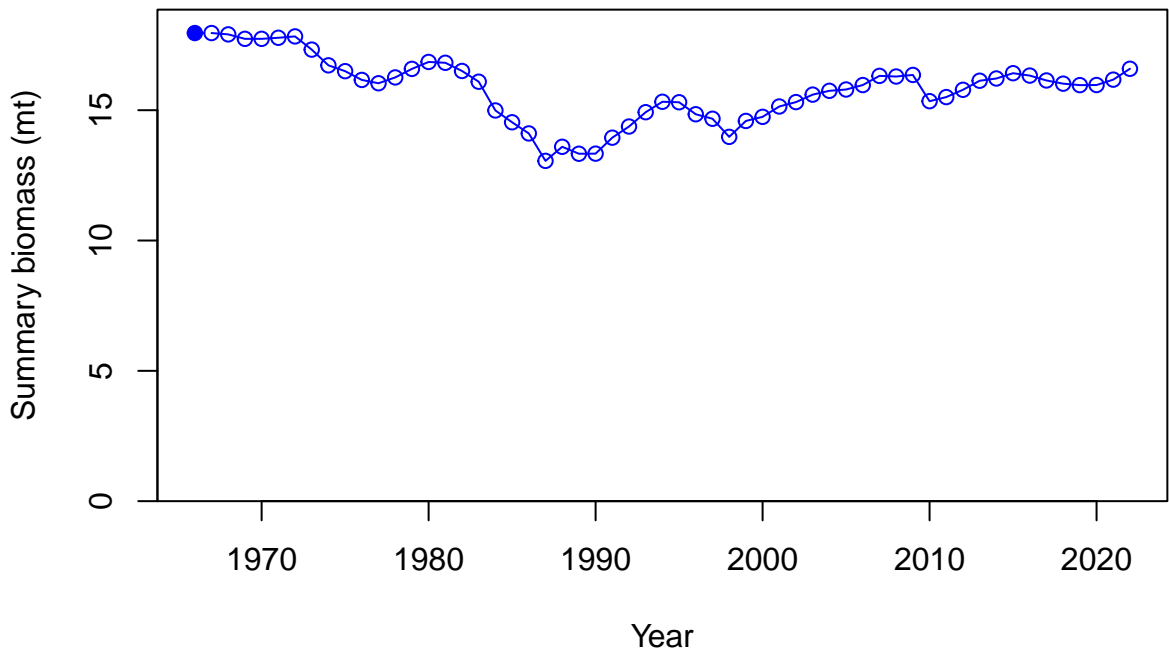




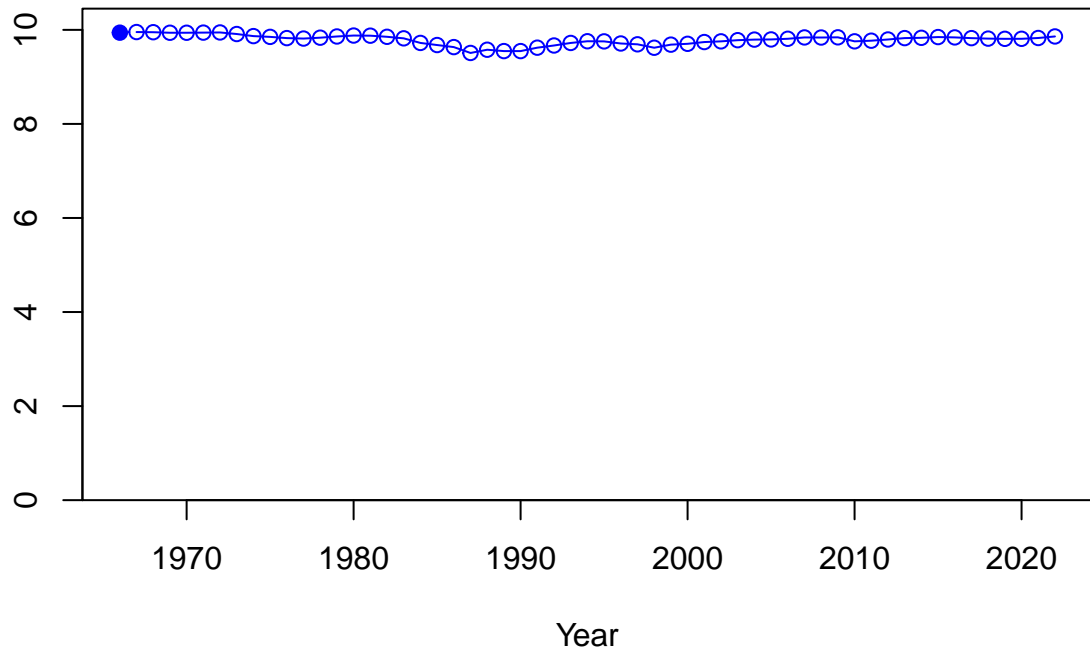
Relative spawning biomass:  $B/B_{MSY}$



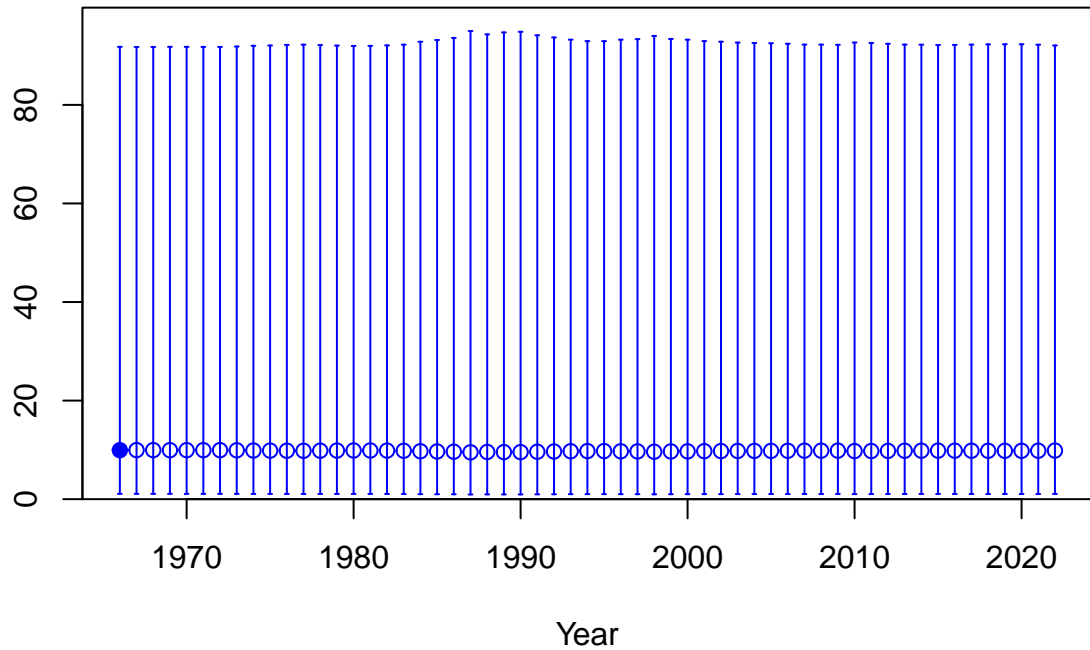




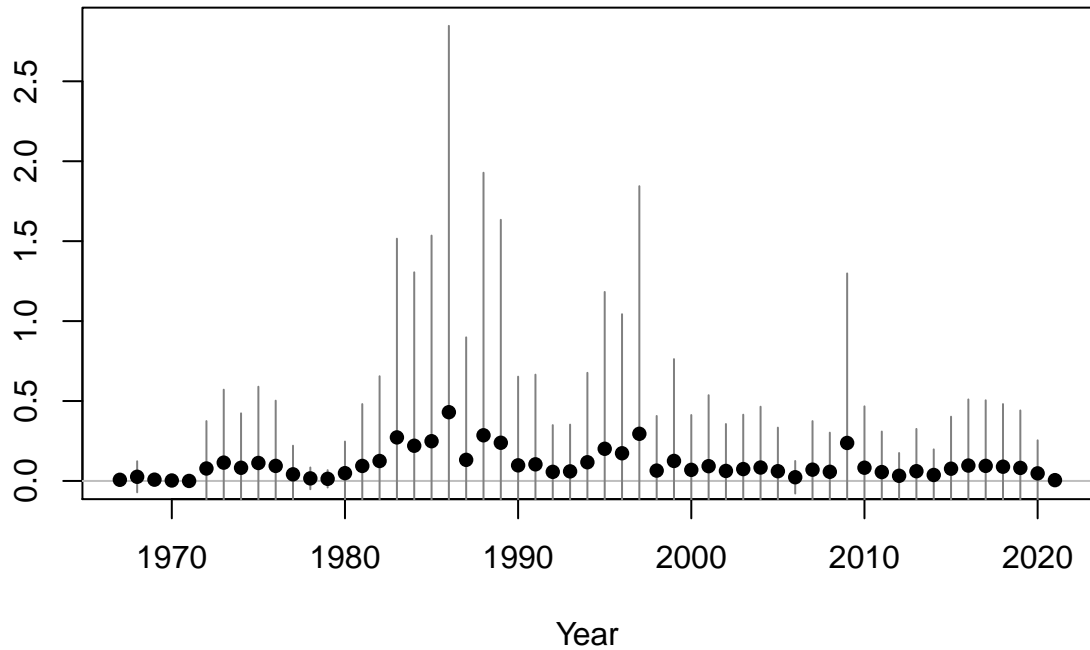
Age-0 recruits (1,000s)

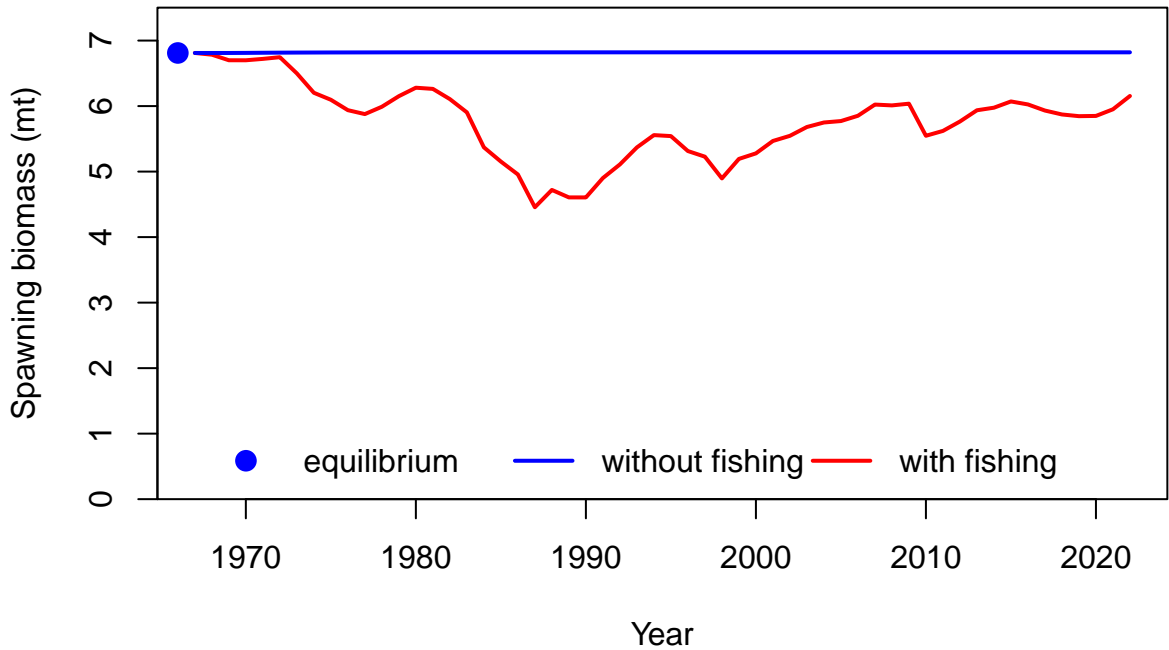


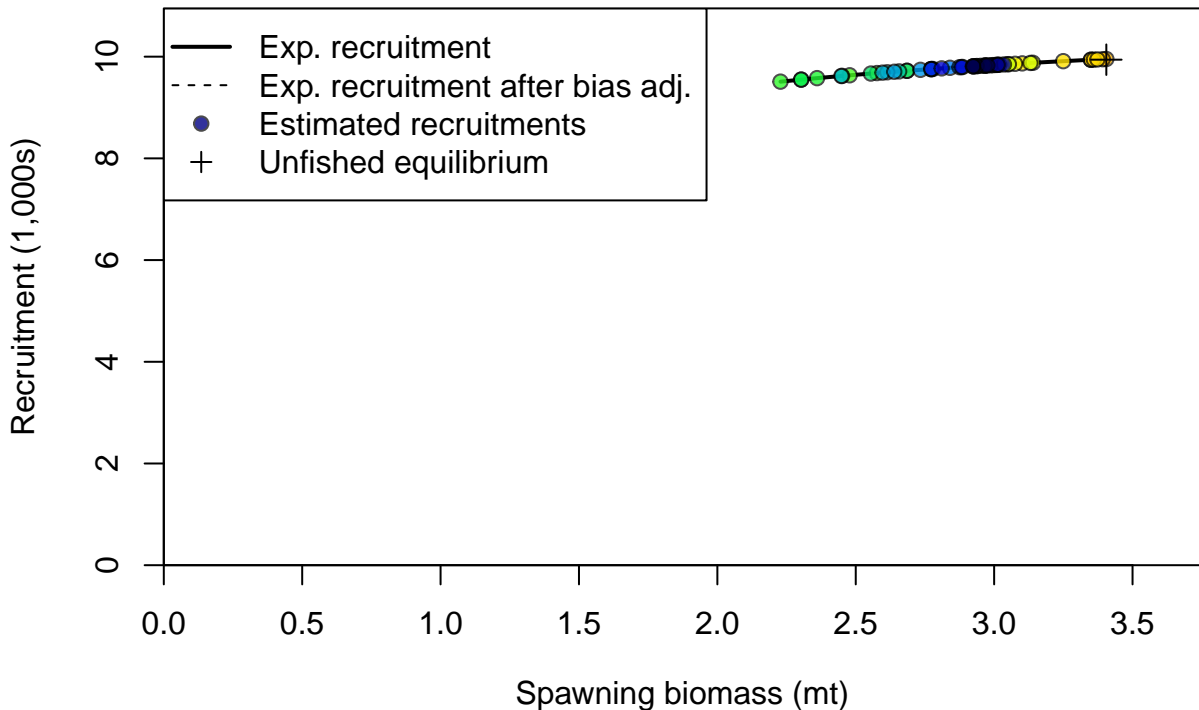
Age-0 recruits (1,000s)



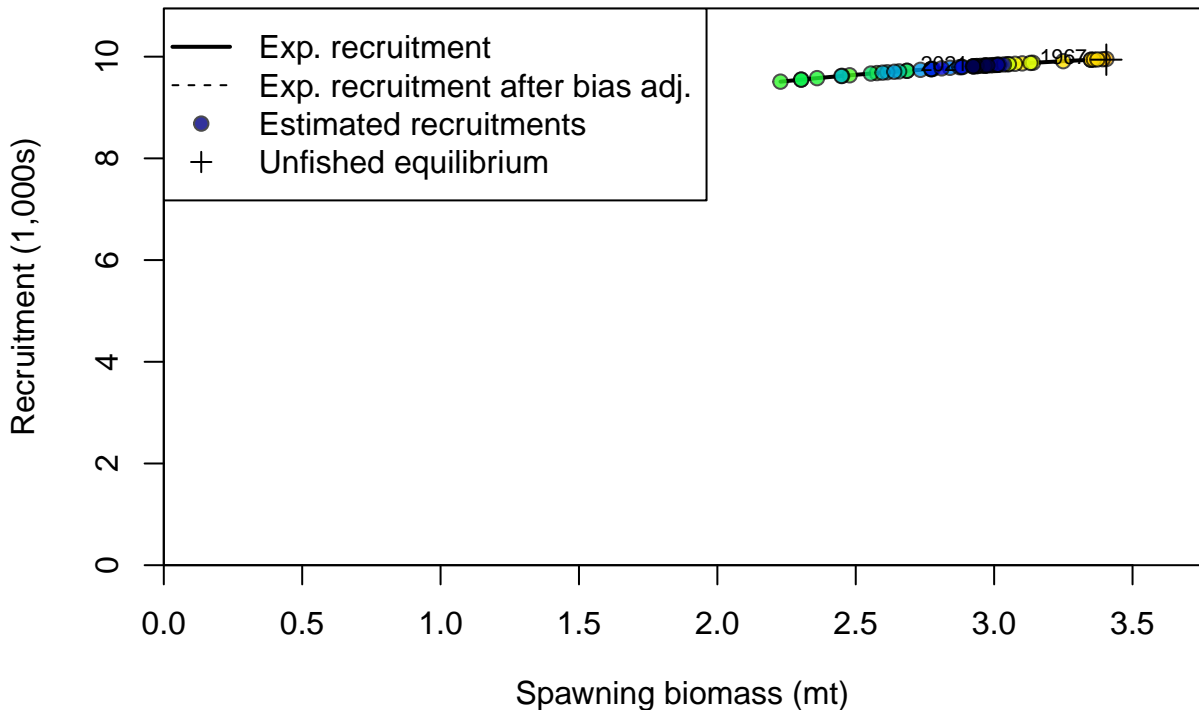
Summary Fishing Mortality

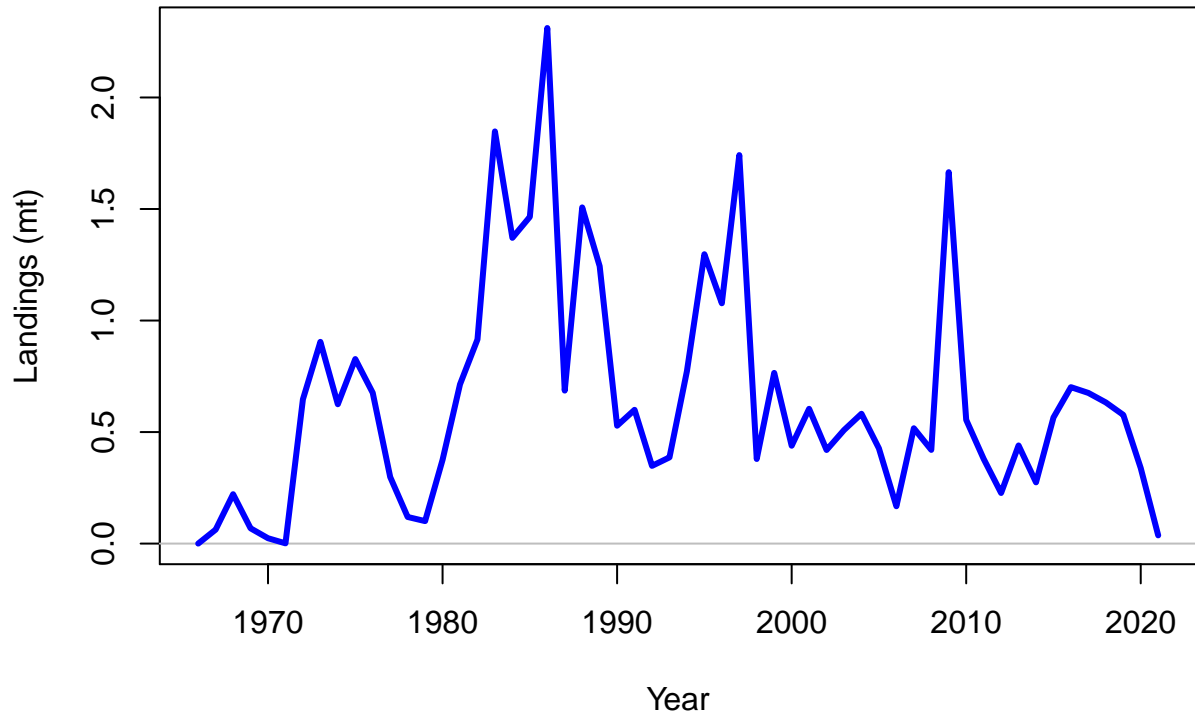


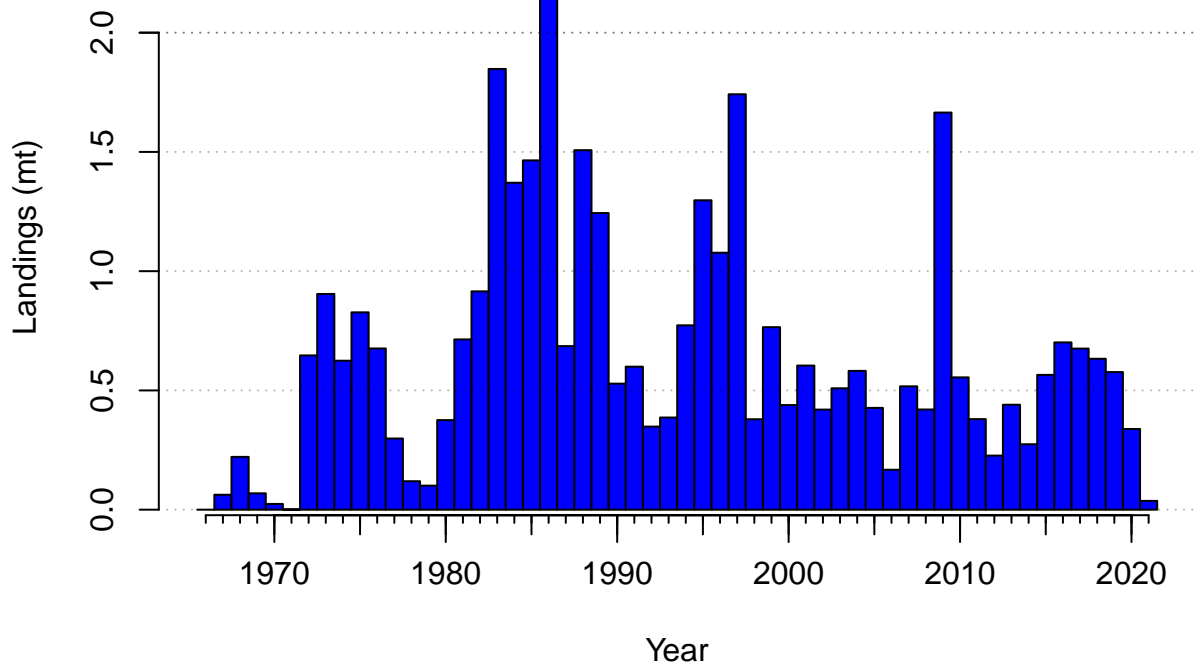


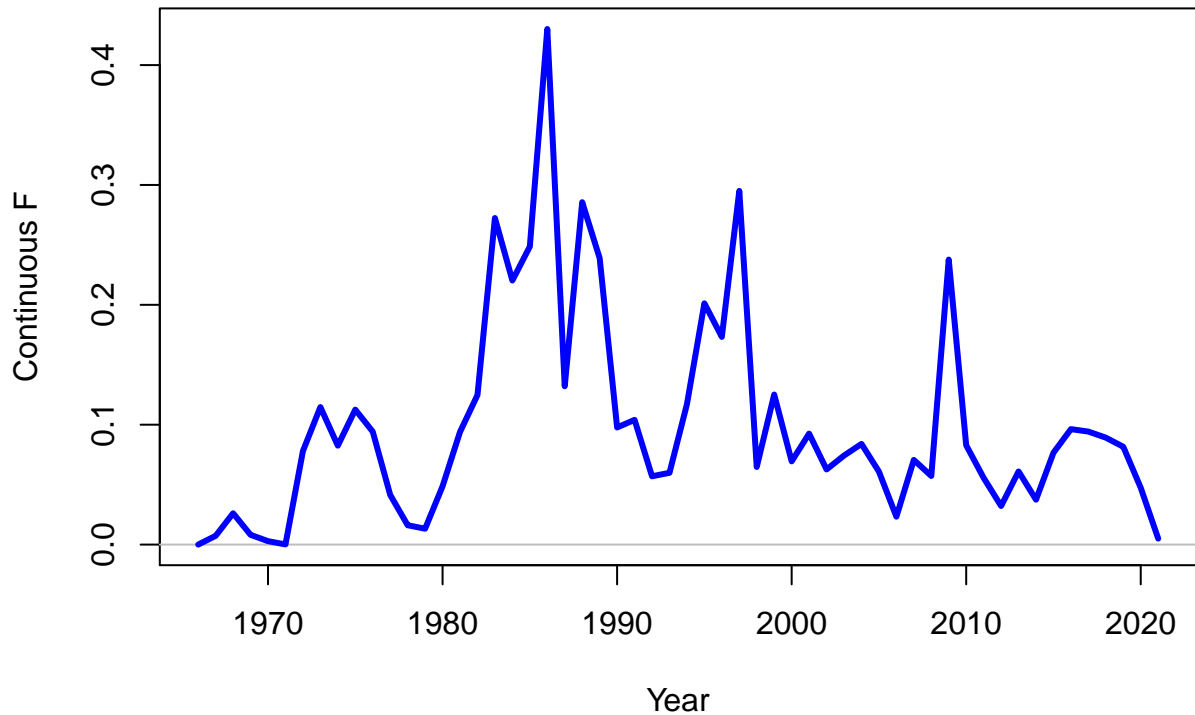




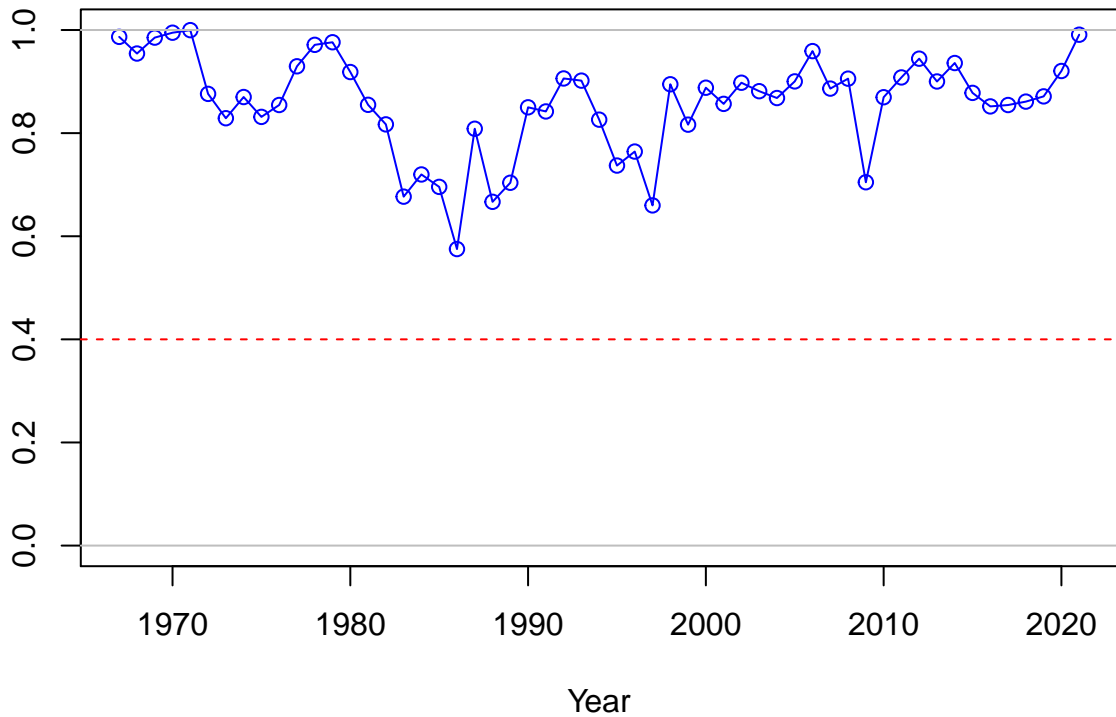




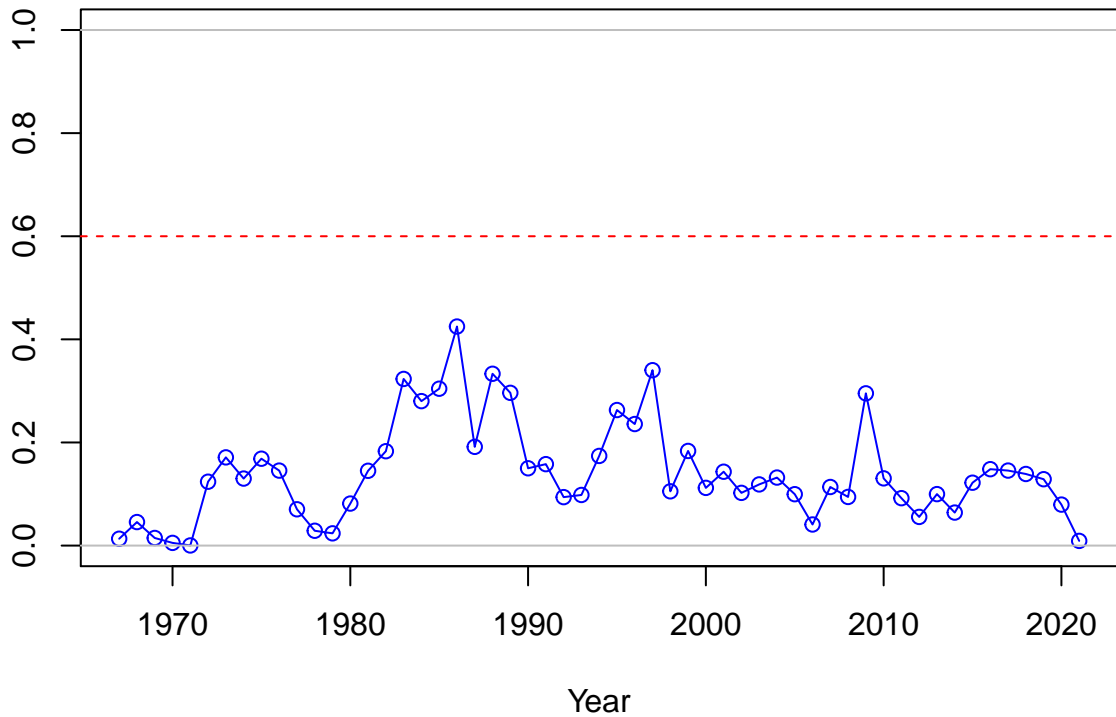




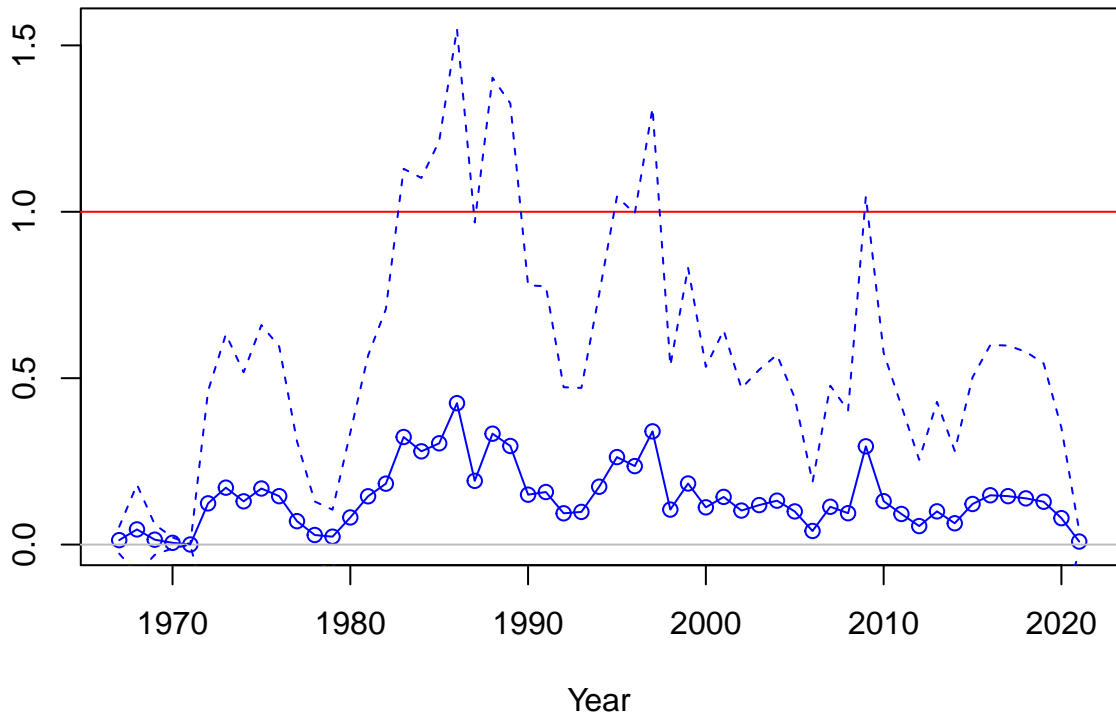
SPR



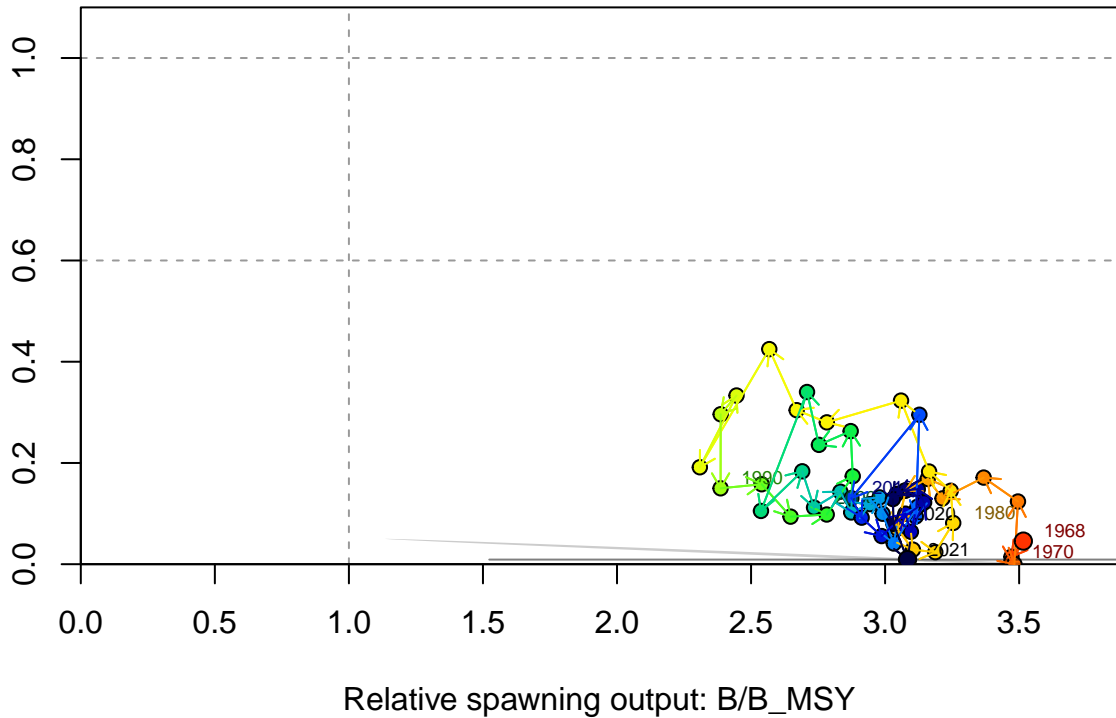
1-SPR



Fishing intensity: 1-SPR



Fishing intensity: 1-SPR





Index

5  
4  
3  
2  
1  
0

2016

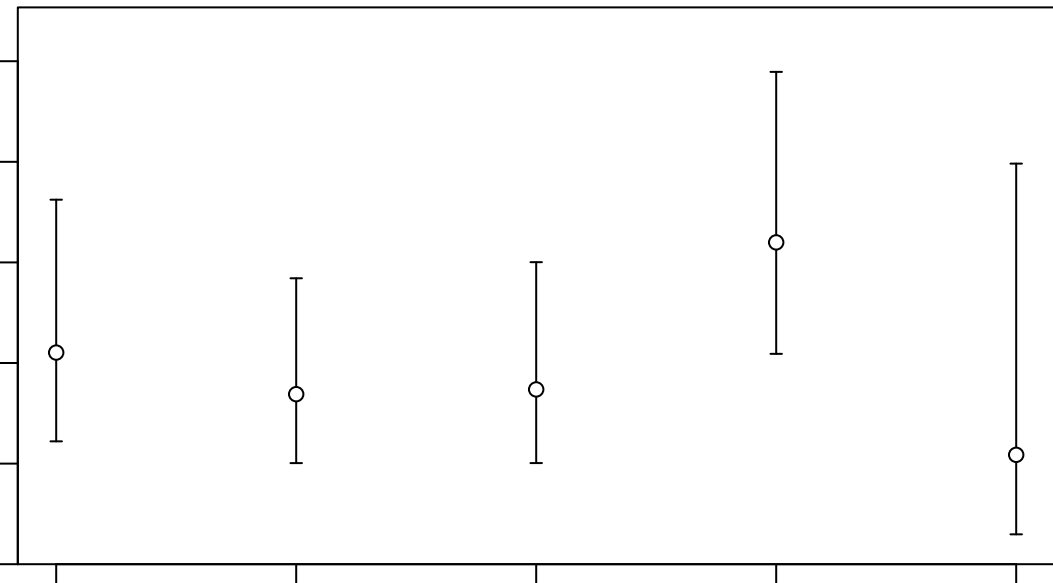
2017

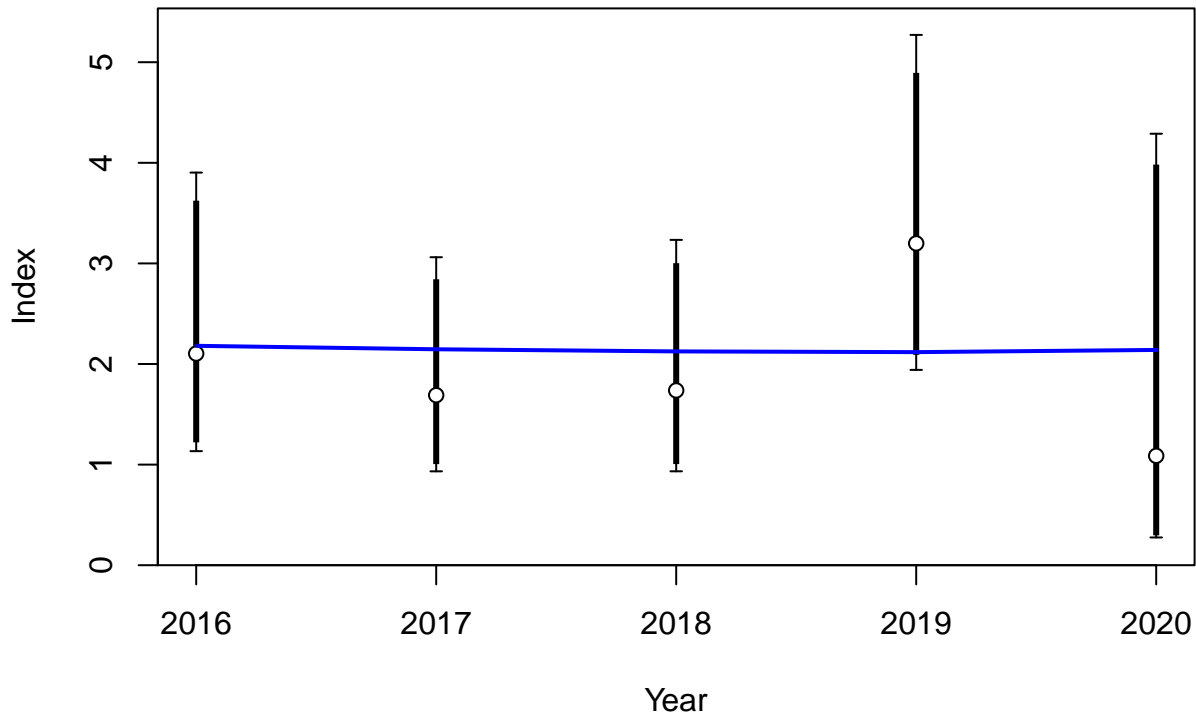
2018

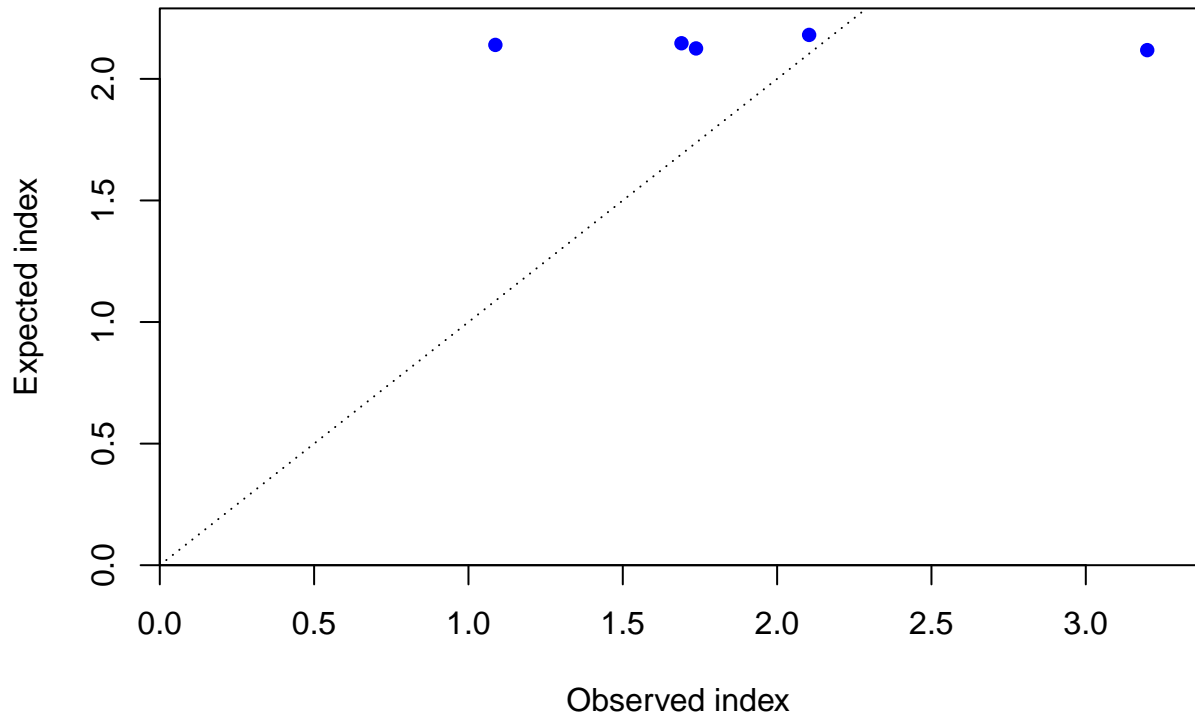
2019

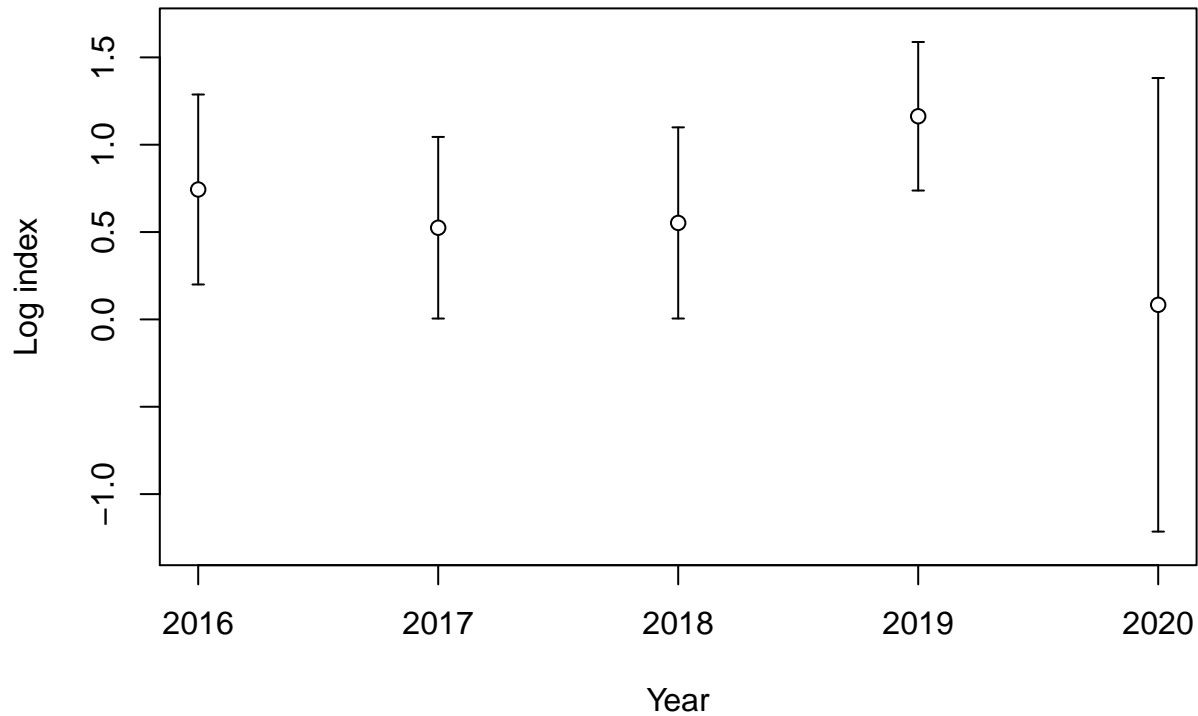
2020

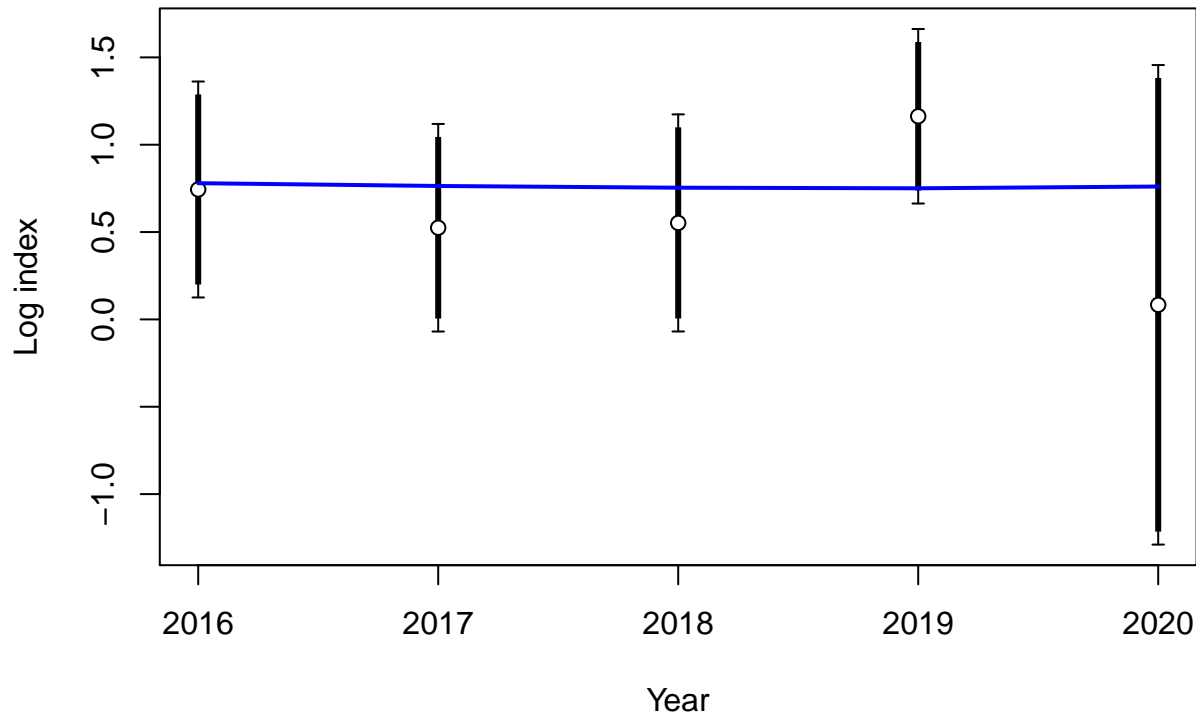
Year

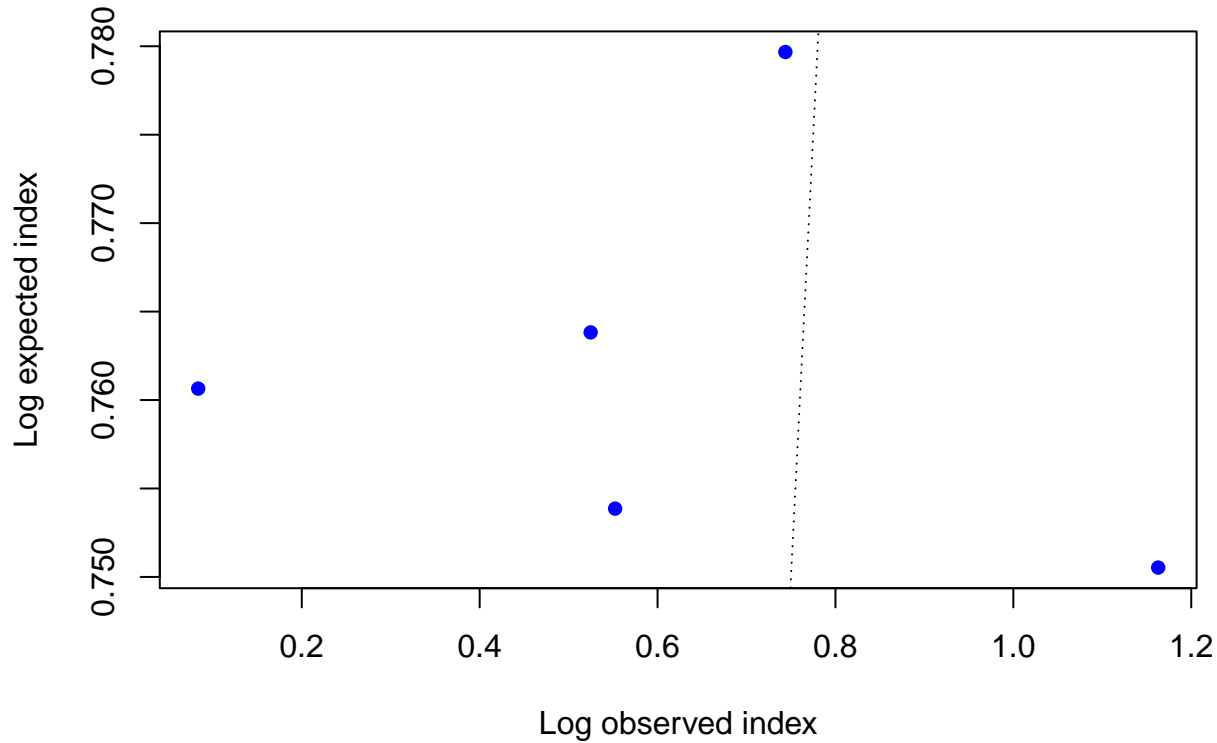


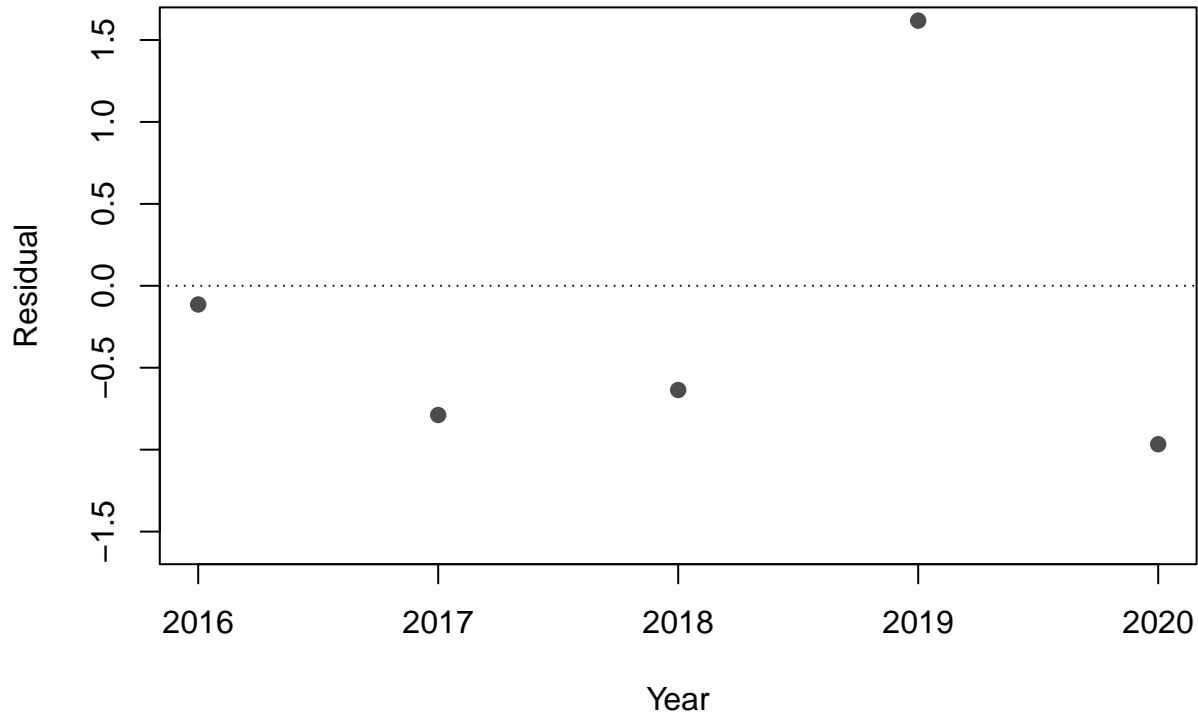


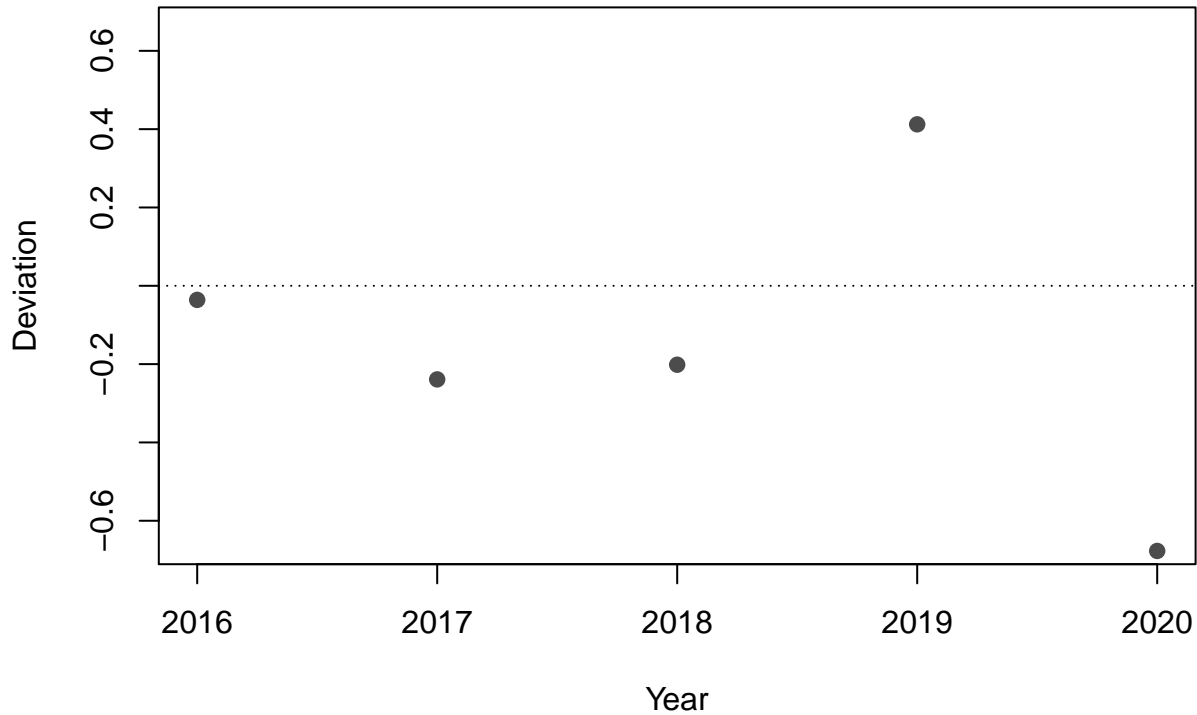








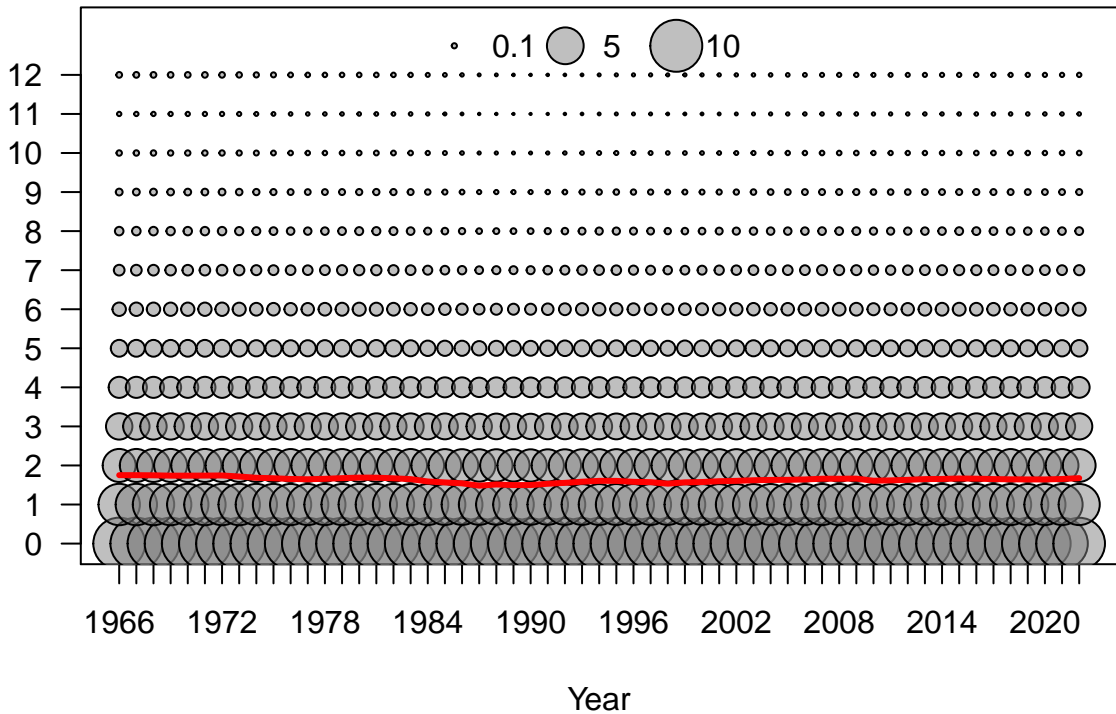




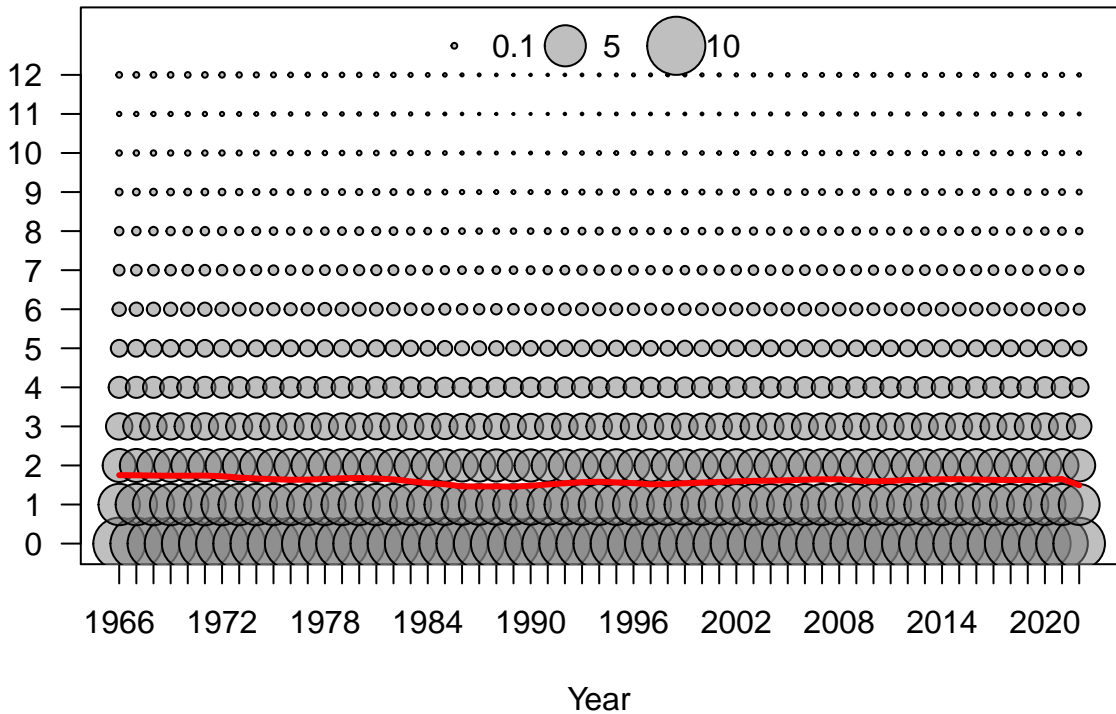


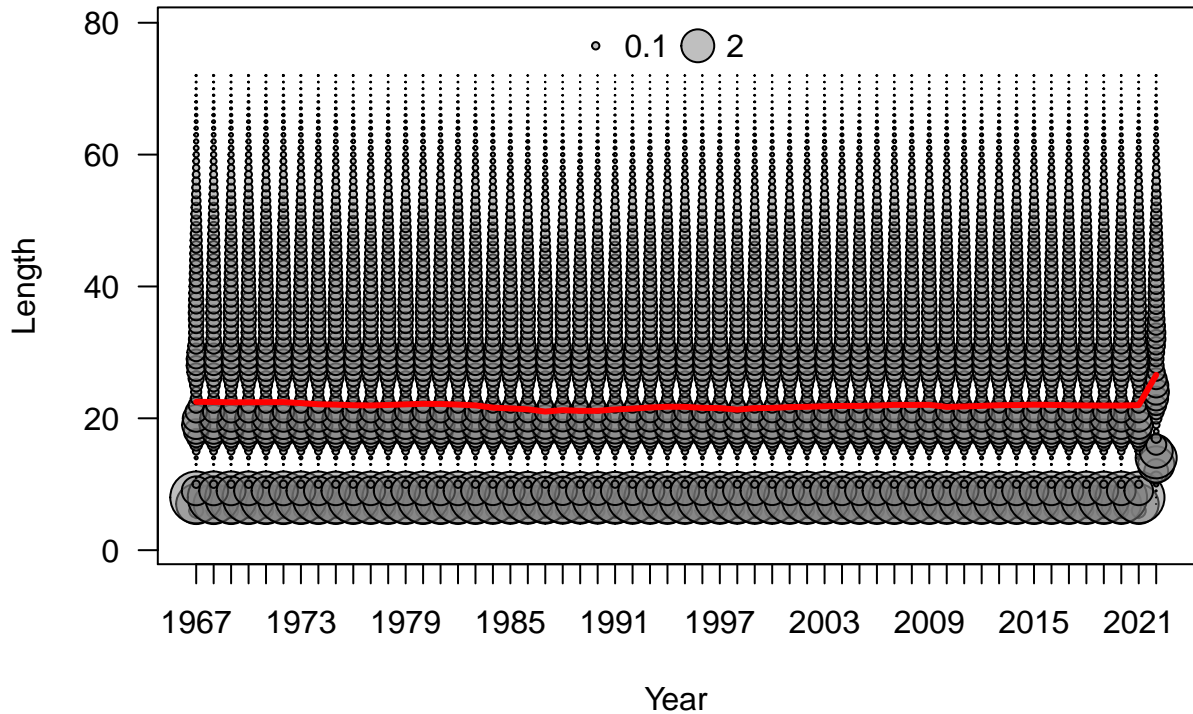


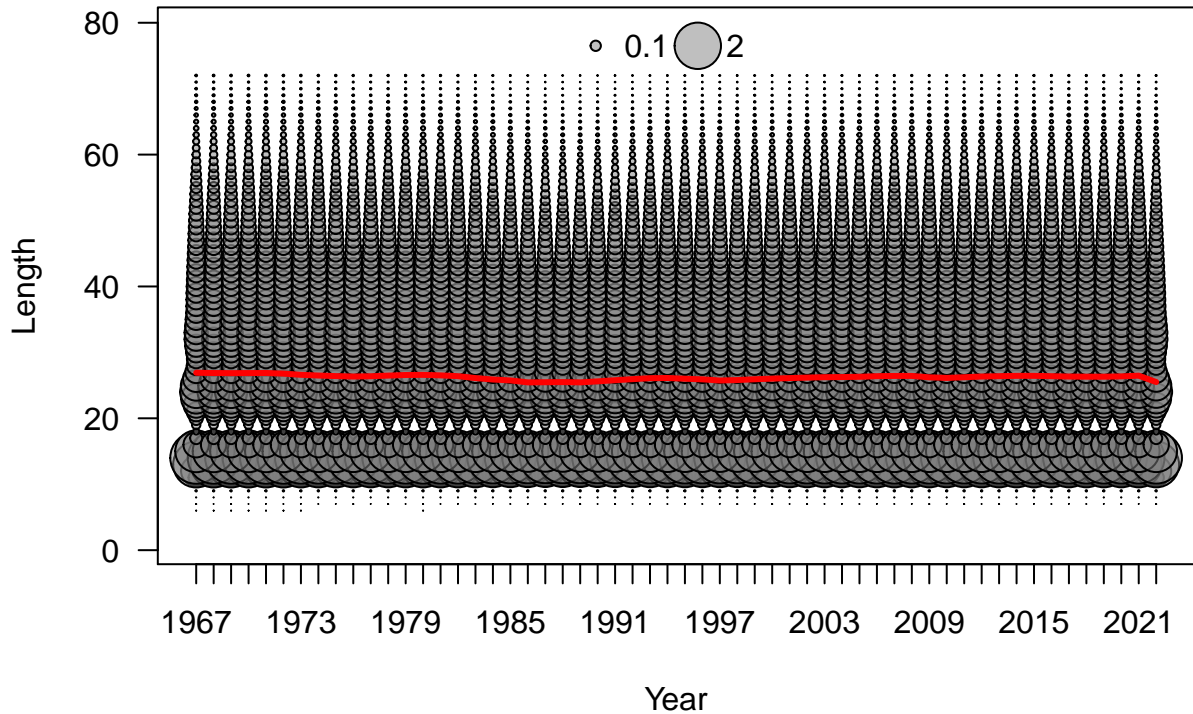
Age

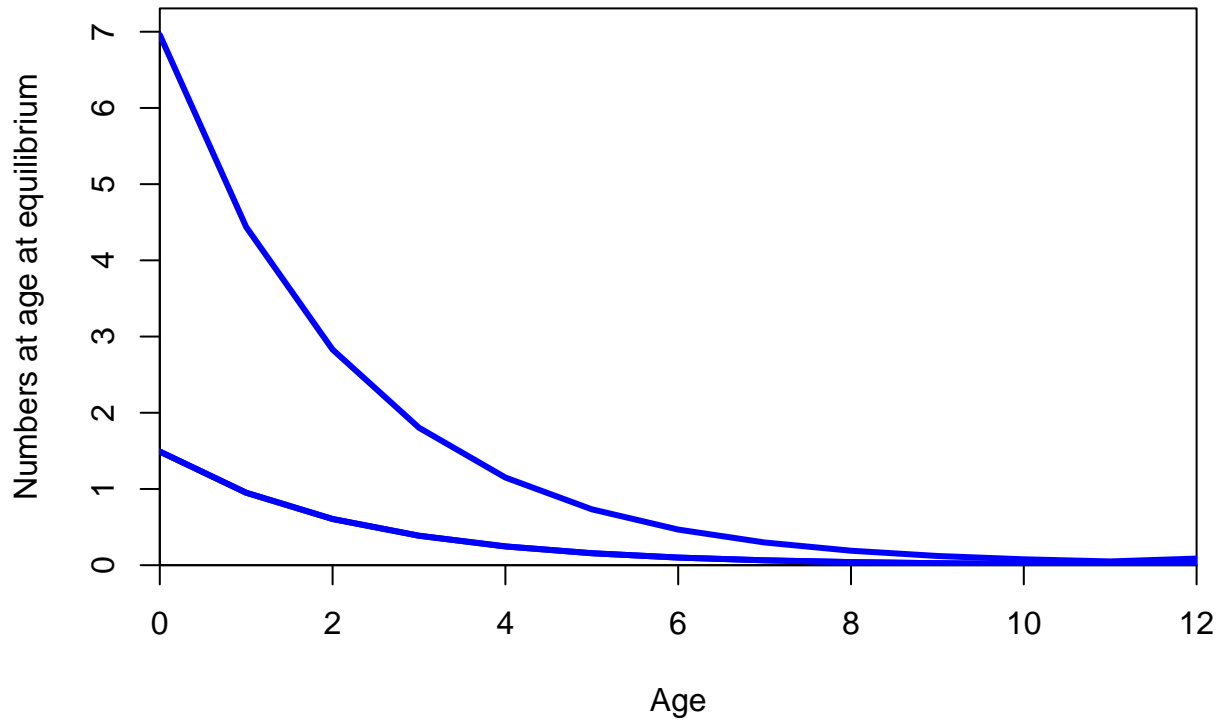


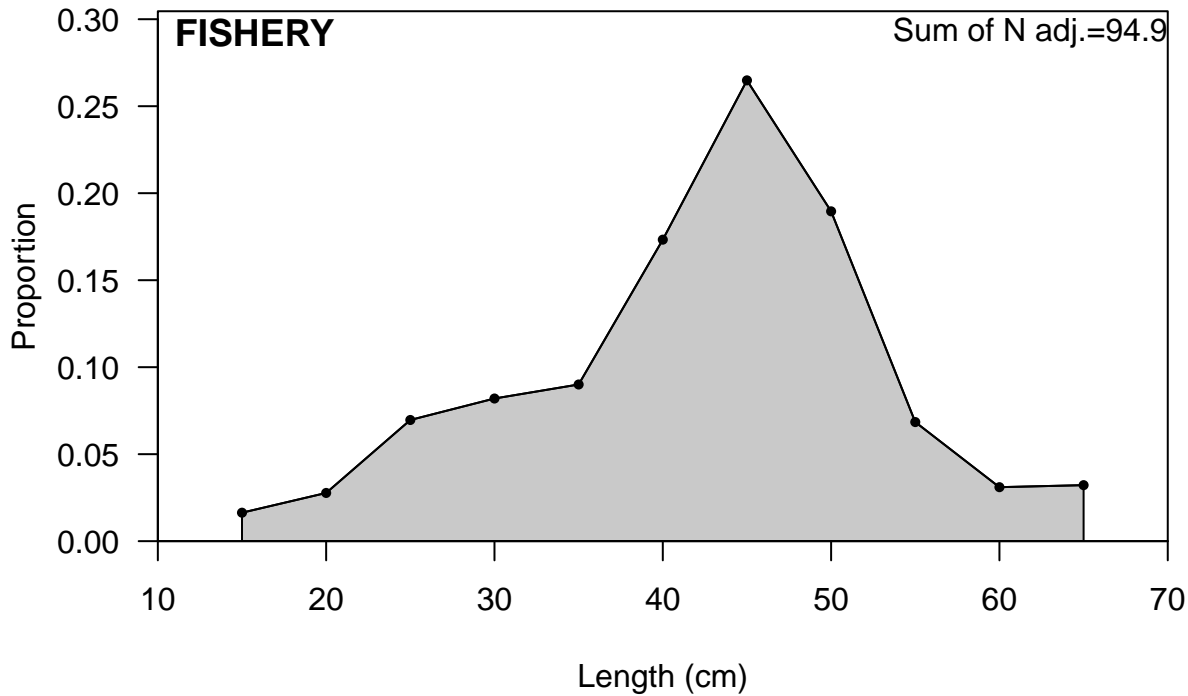
Age





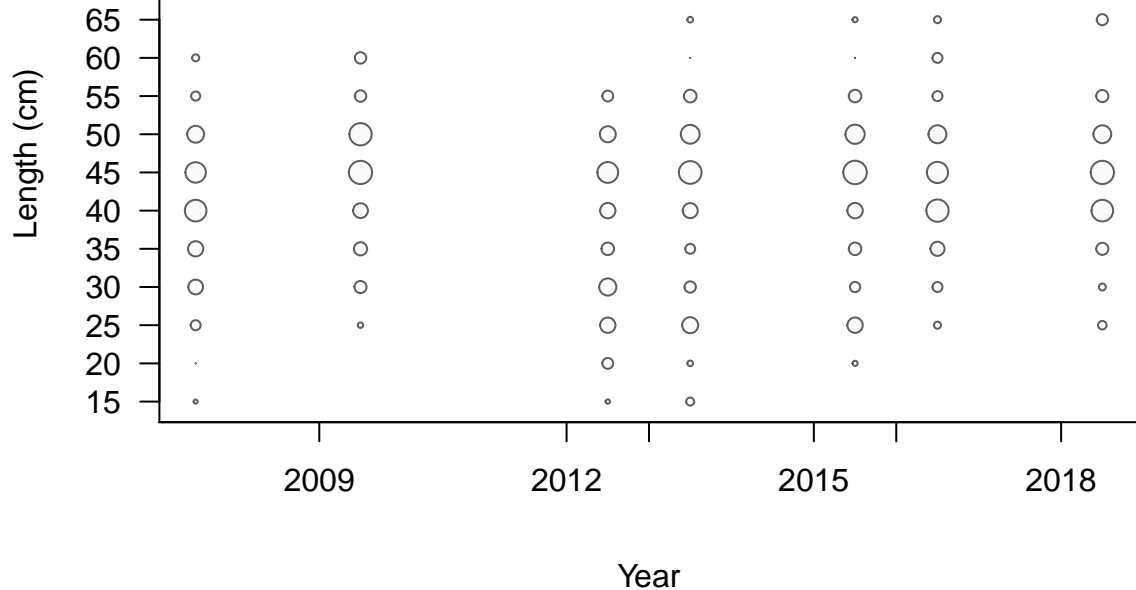






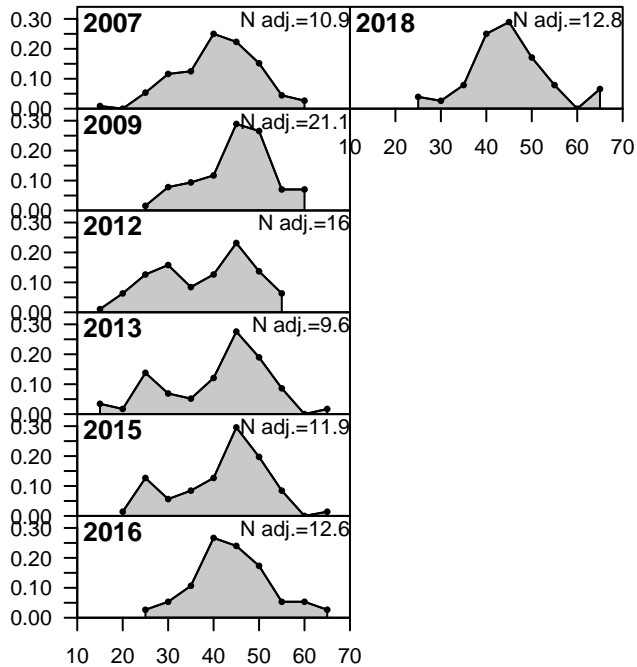
# FISHERY

• 0.01 ○ 0.2

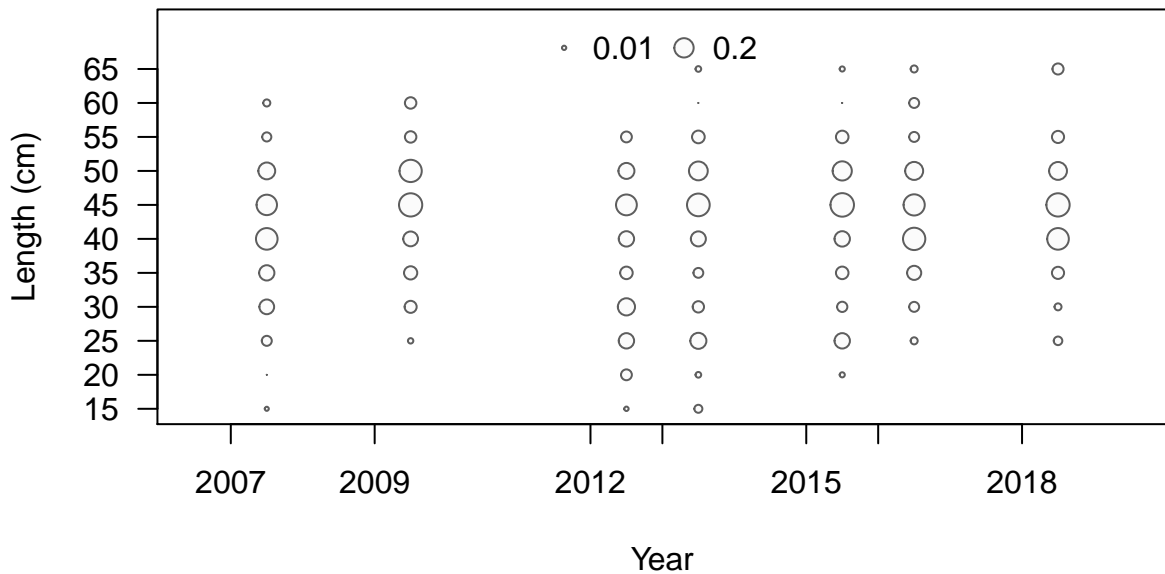




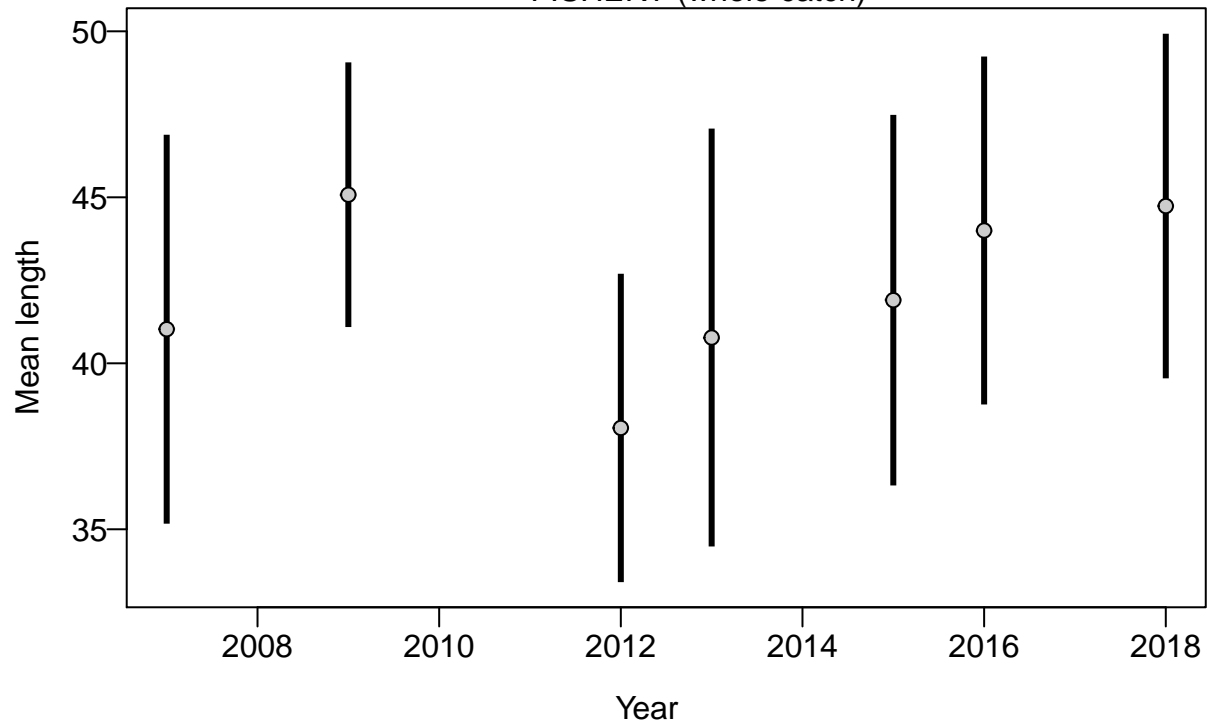
Proportion

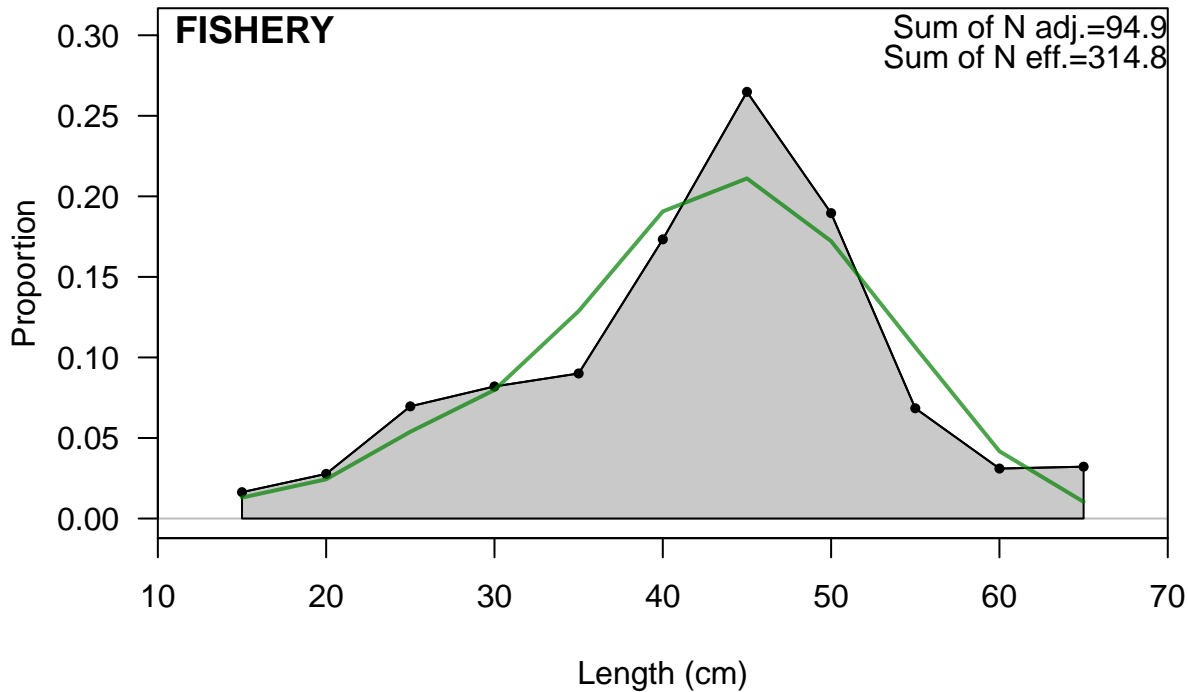


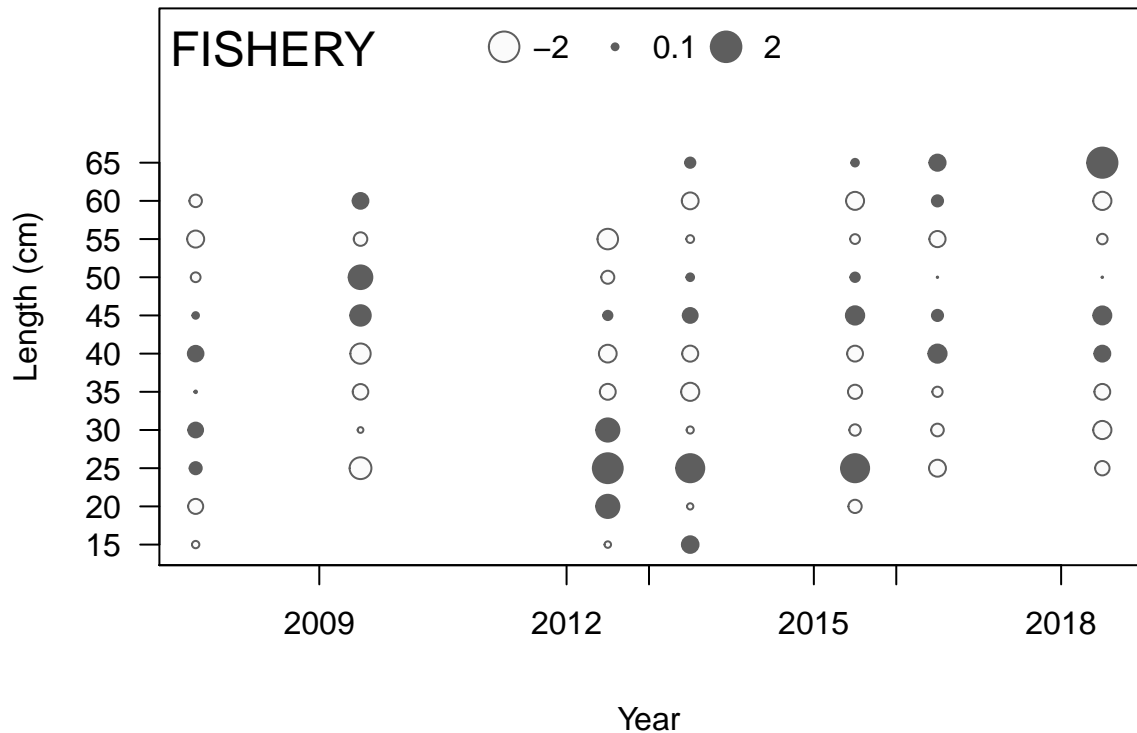
Length (cm)



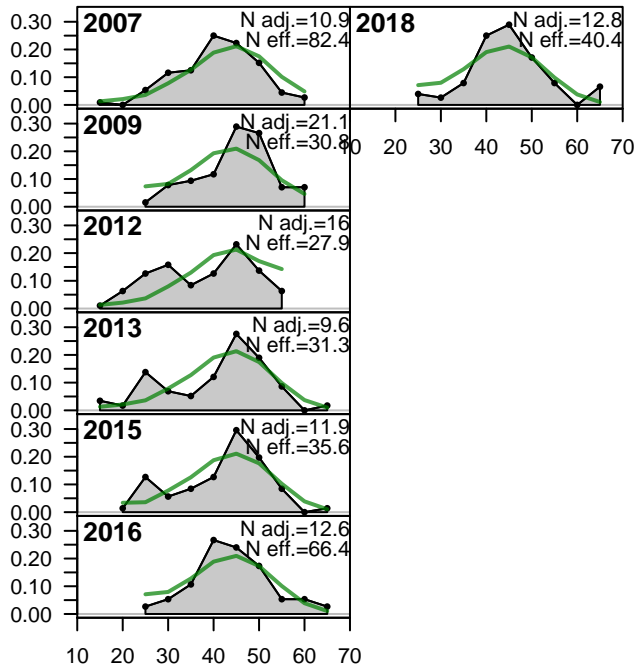
FISHERY (whole catch)



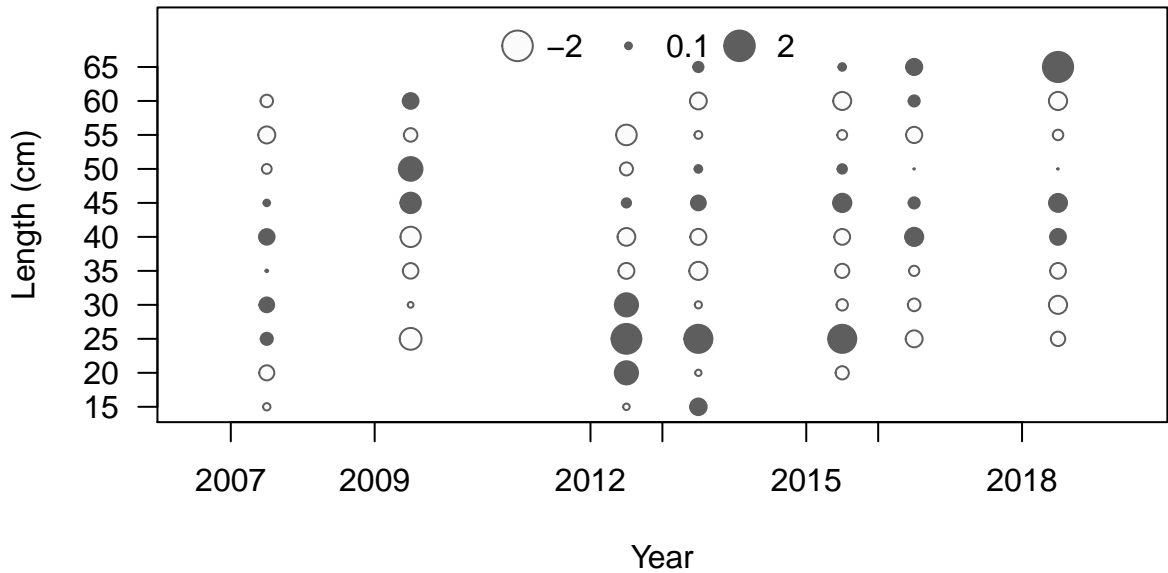




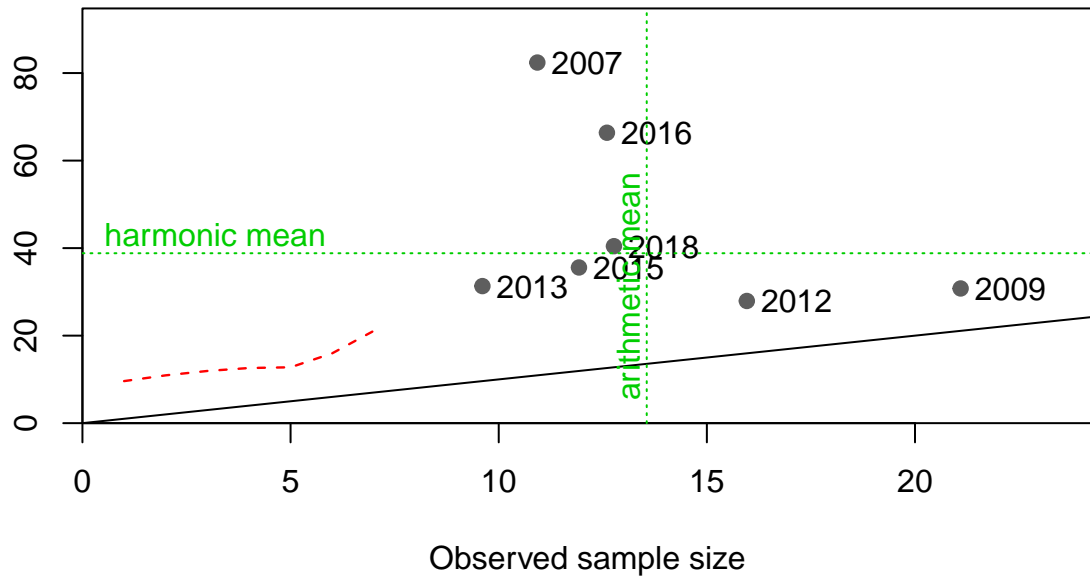
Proportion



Length (cm)

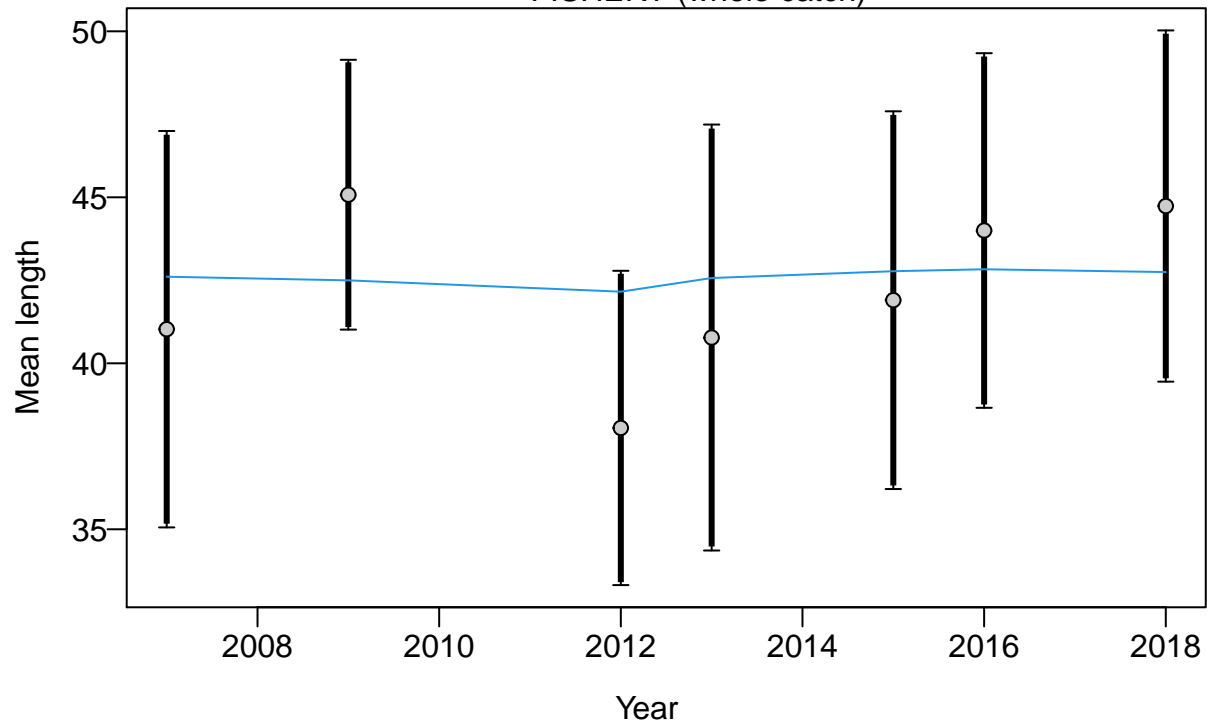


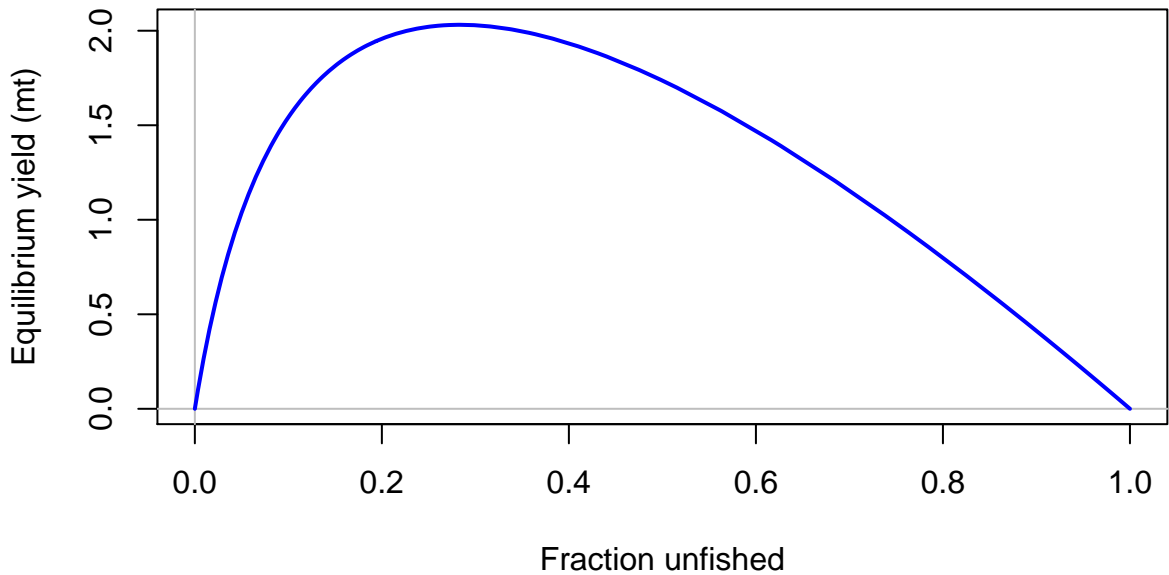
Effective sample size

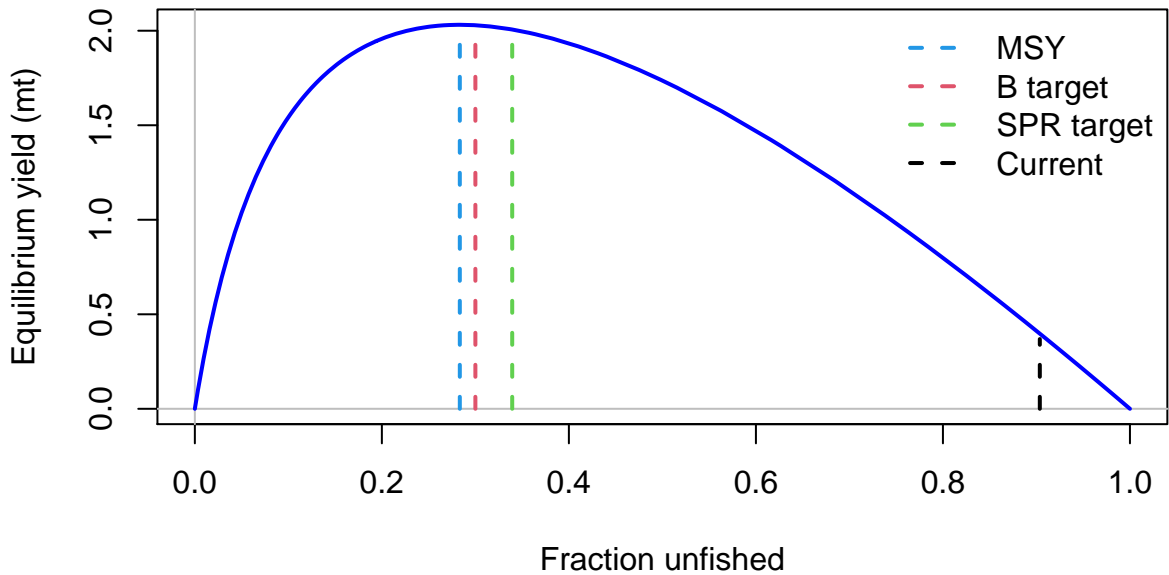


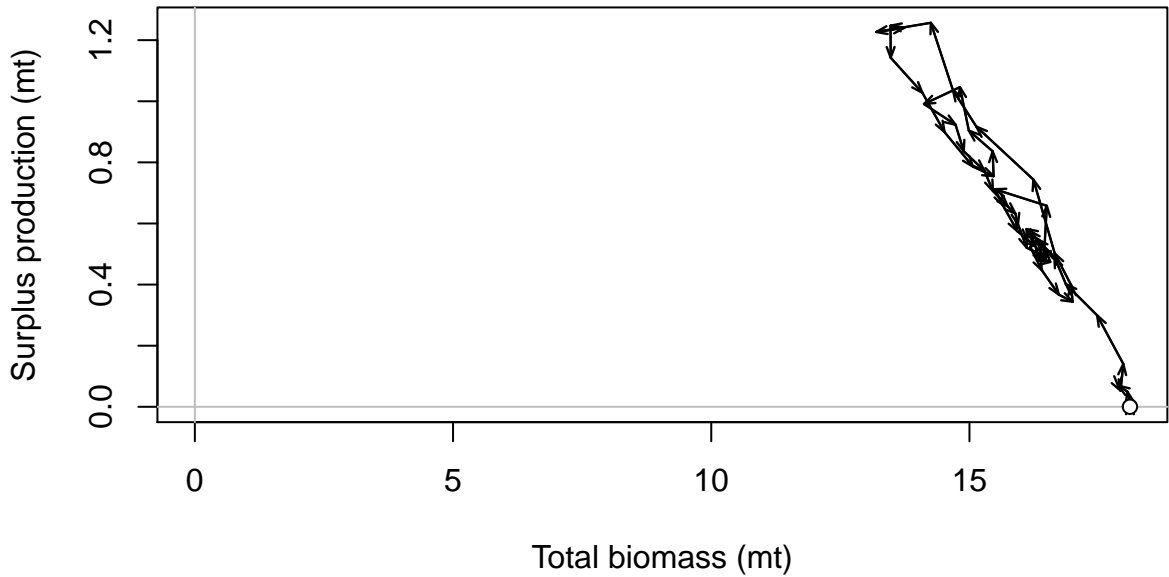


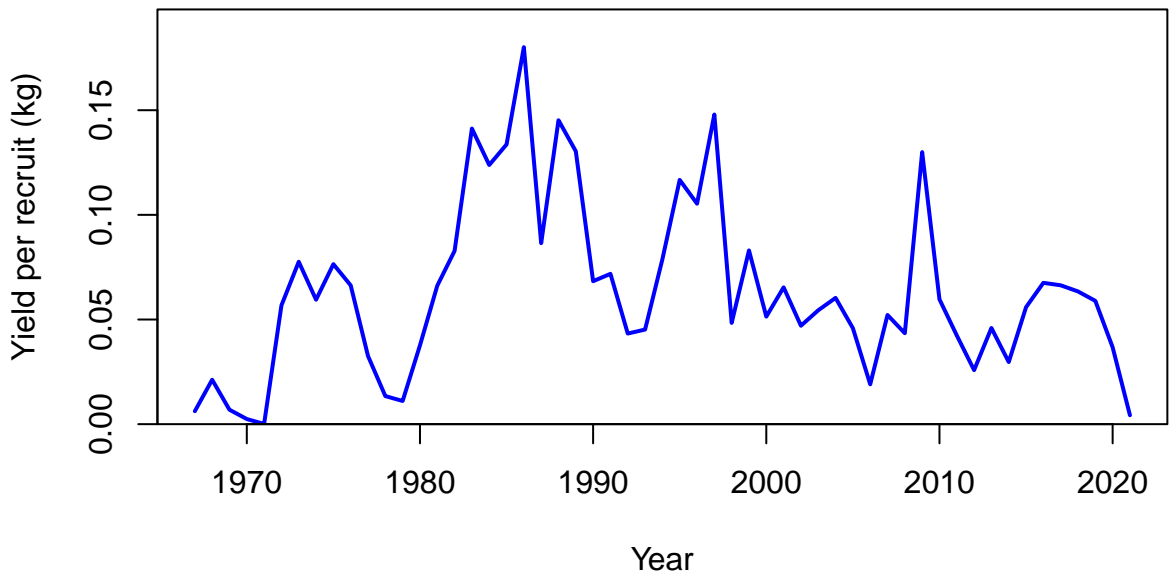
FISHERY (whole catch)

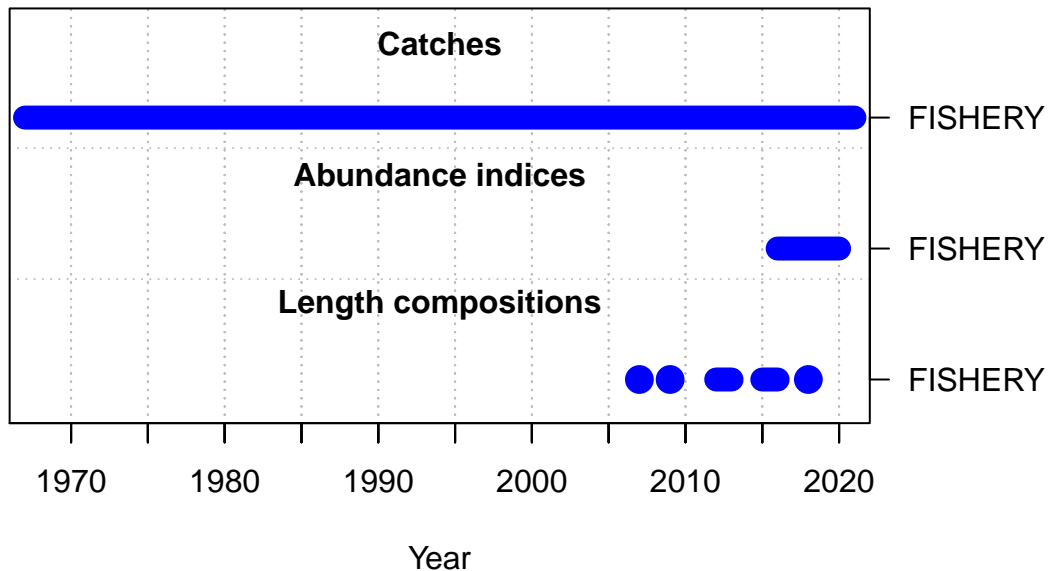


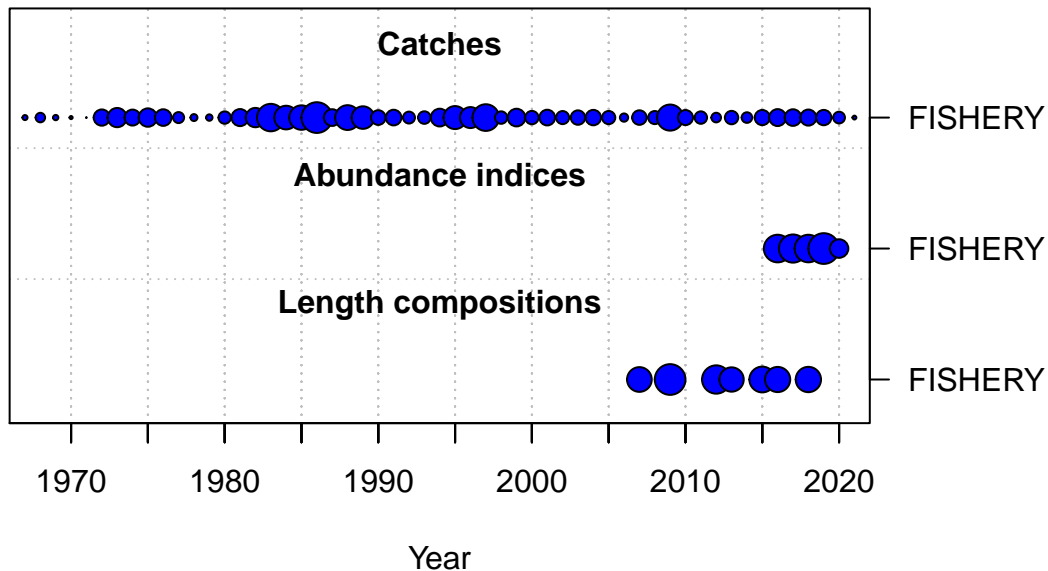








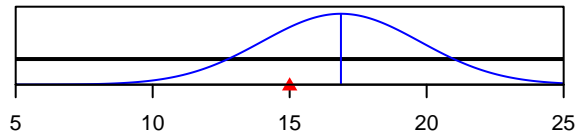




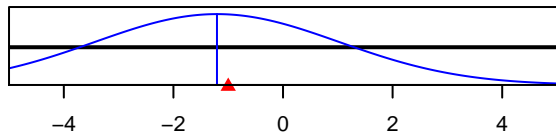
SR\_LN(R0)



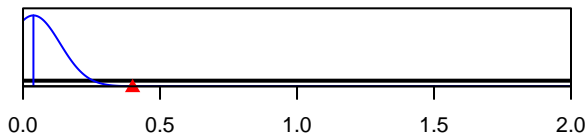
Size\_95%width\_FISHERY(1)



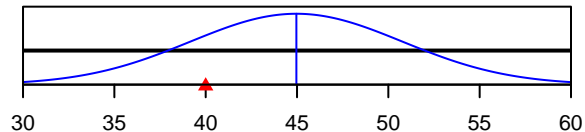
LnQ\_base\_FISHERY(1)



Q\_extraSD\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Parameter value