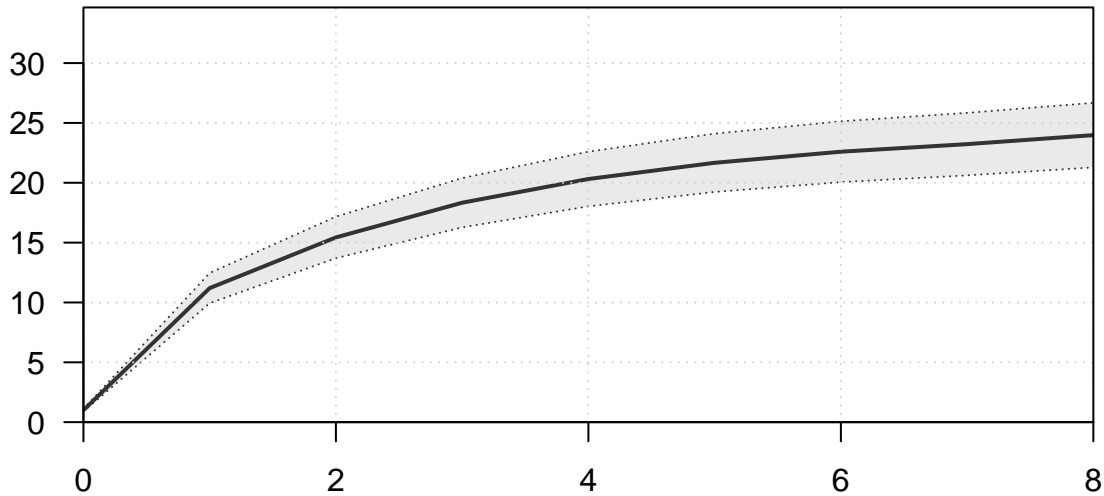
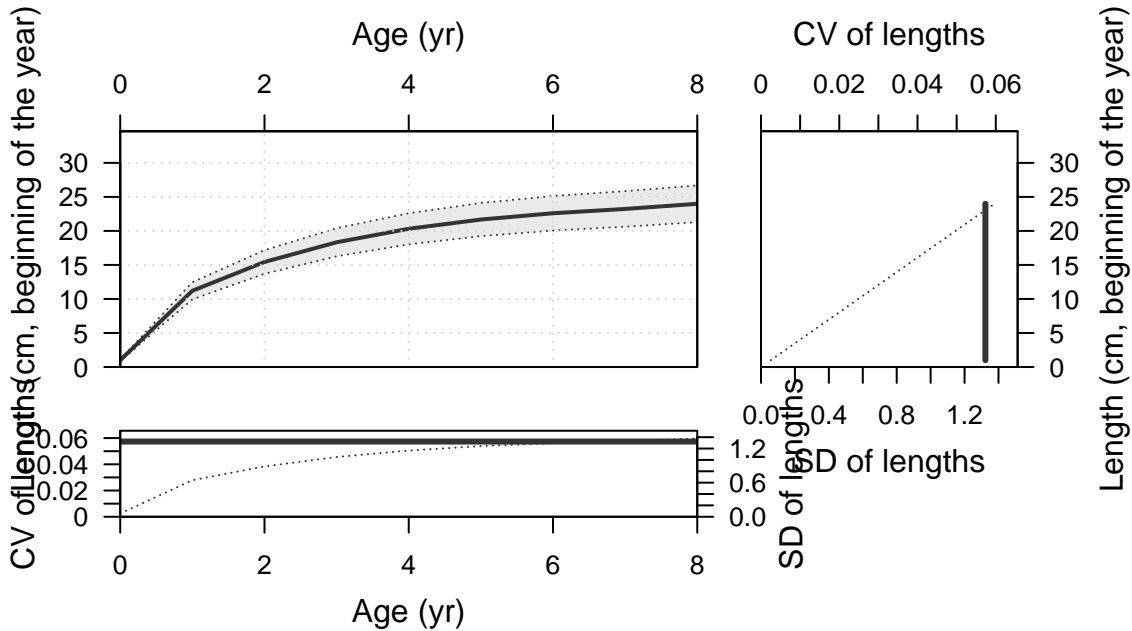


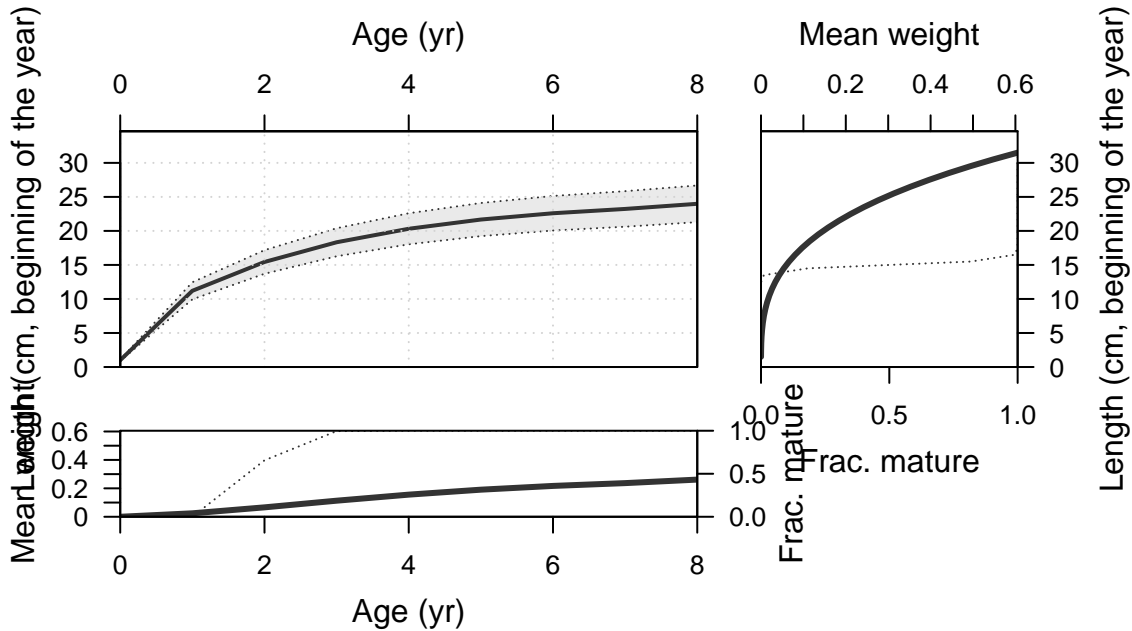
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Mon Aug 22 16:46:46 2022  
Data\_File: data.ss  
Control\_File: control.ss

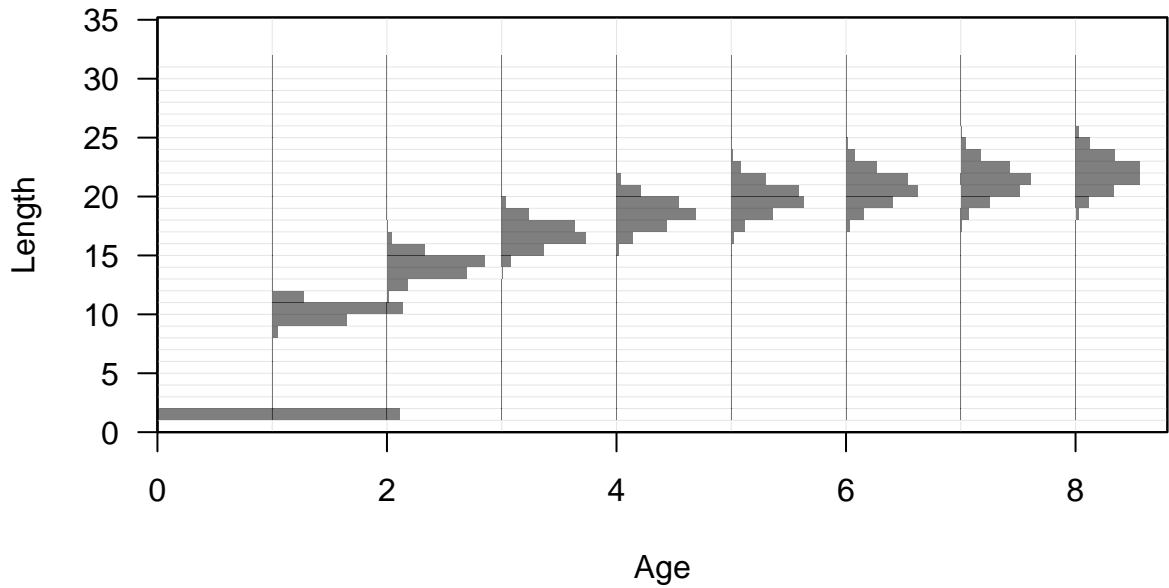
Length (cm, beginning of the year)

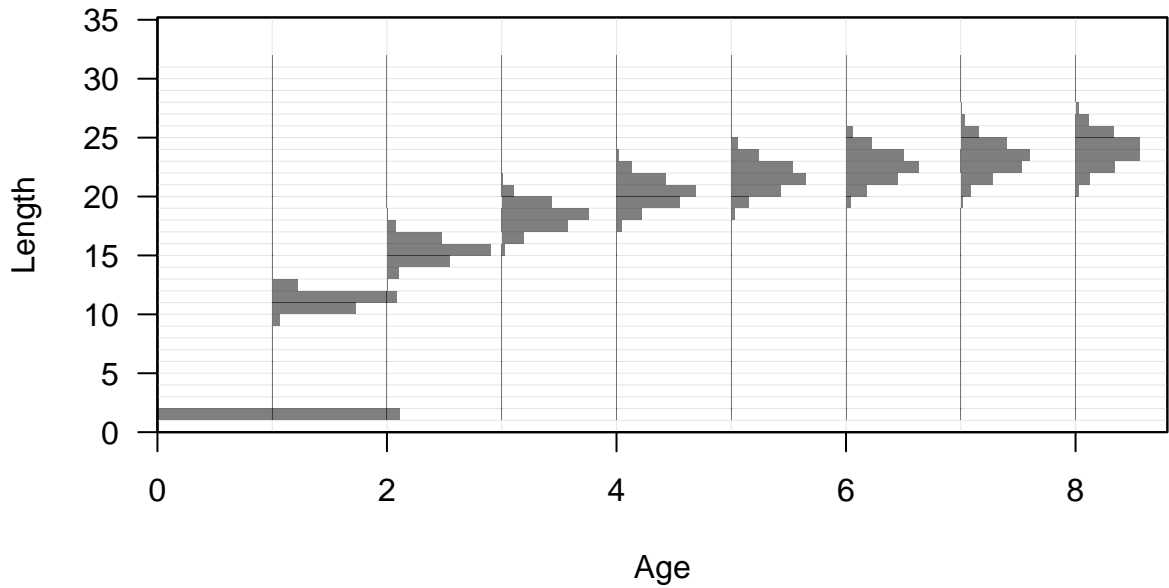


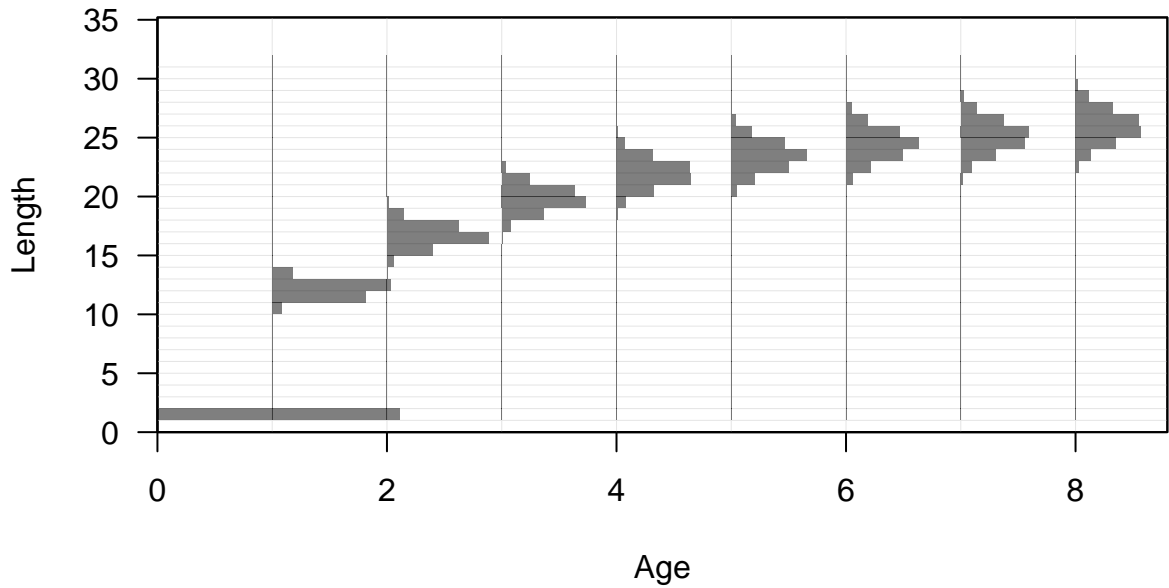
Age (yr)

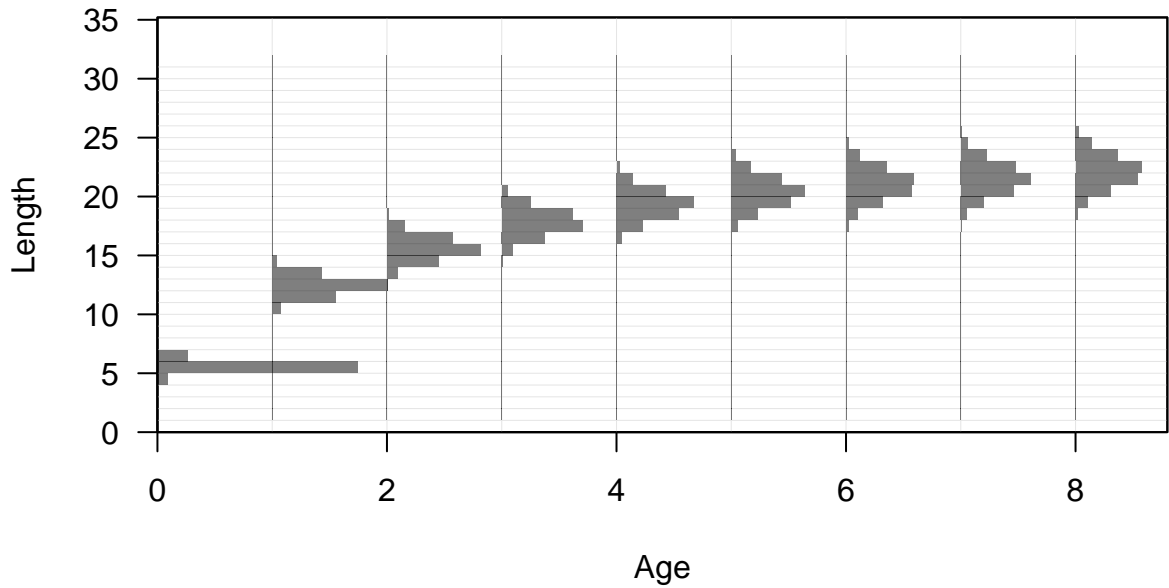




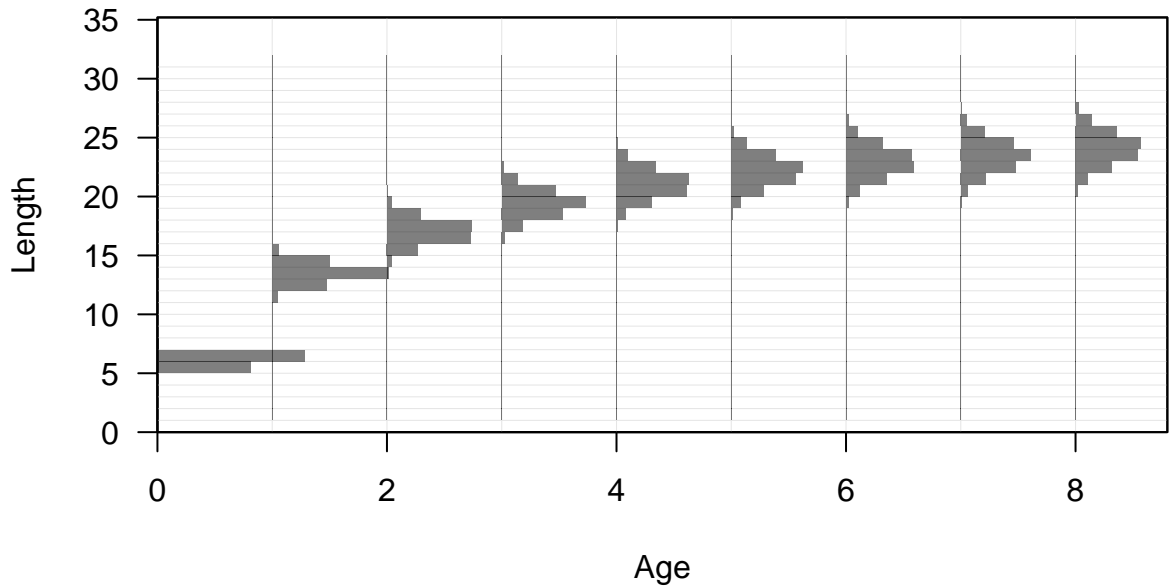


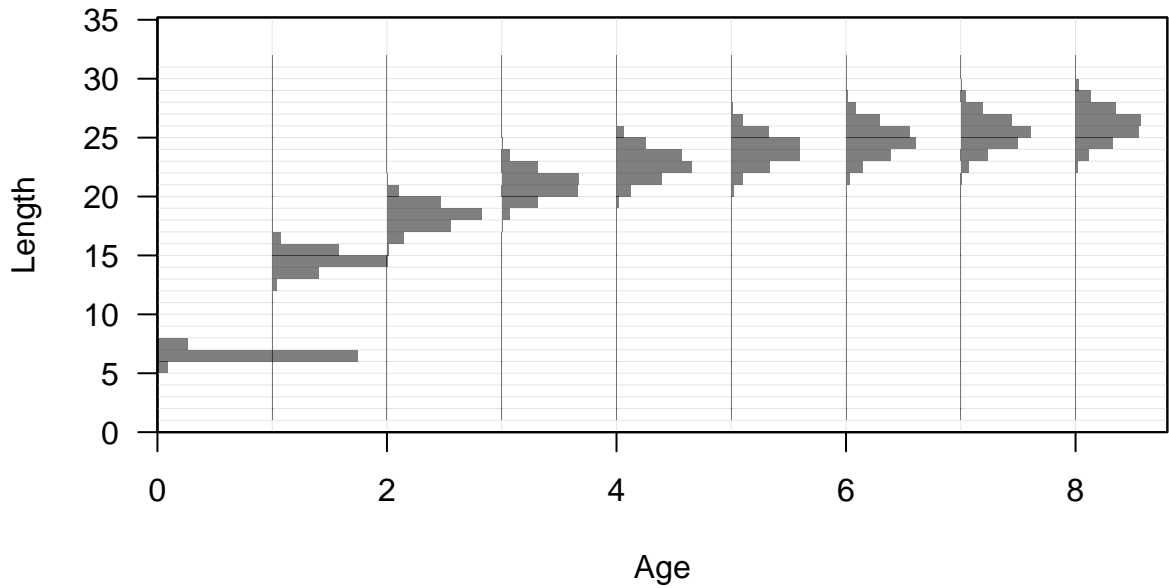
















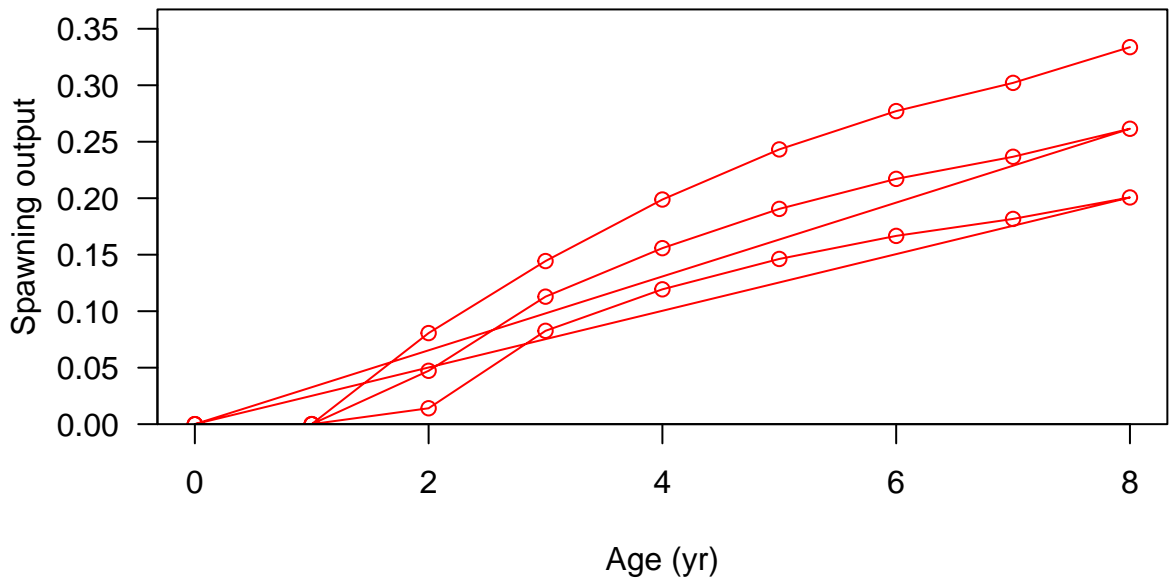




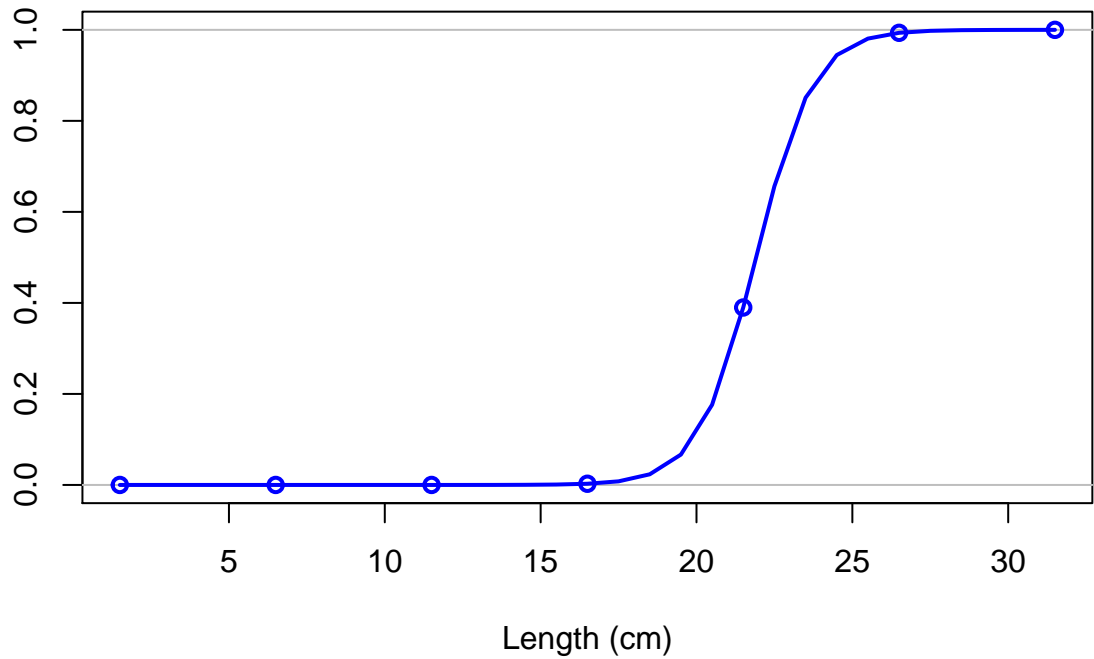




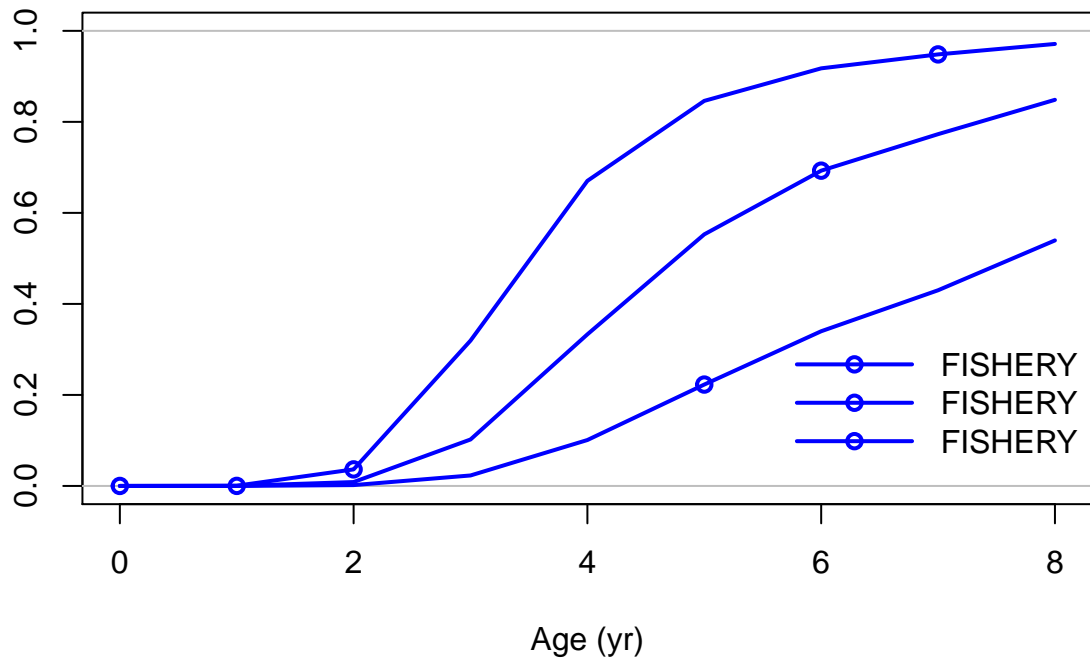




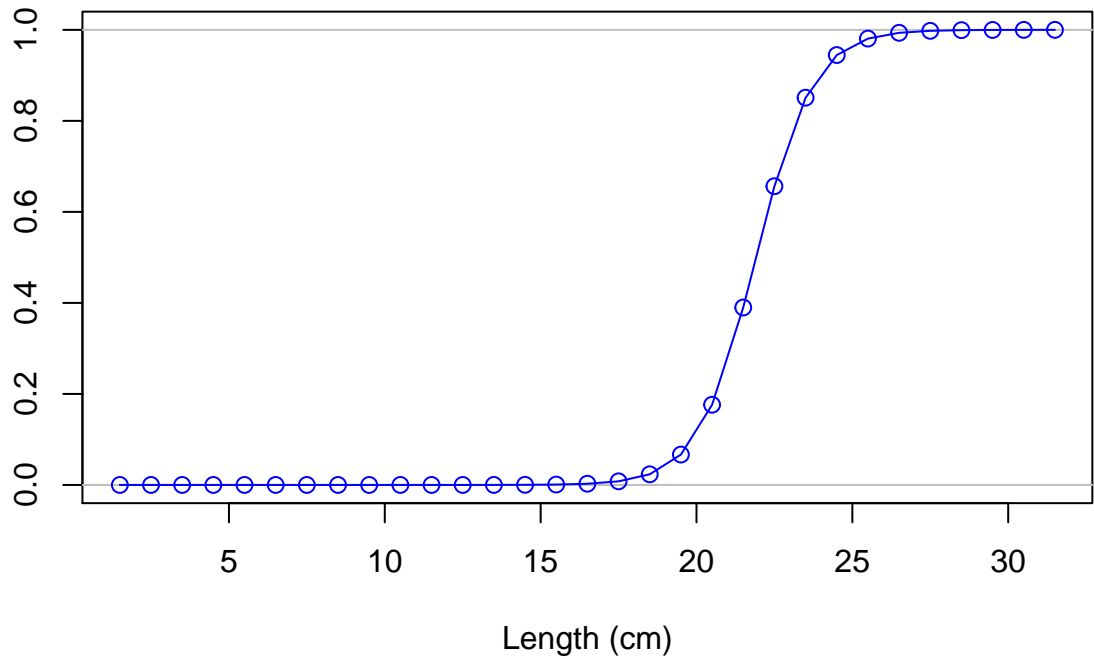
Selectivity

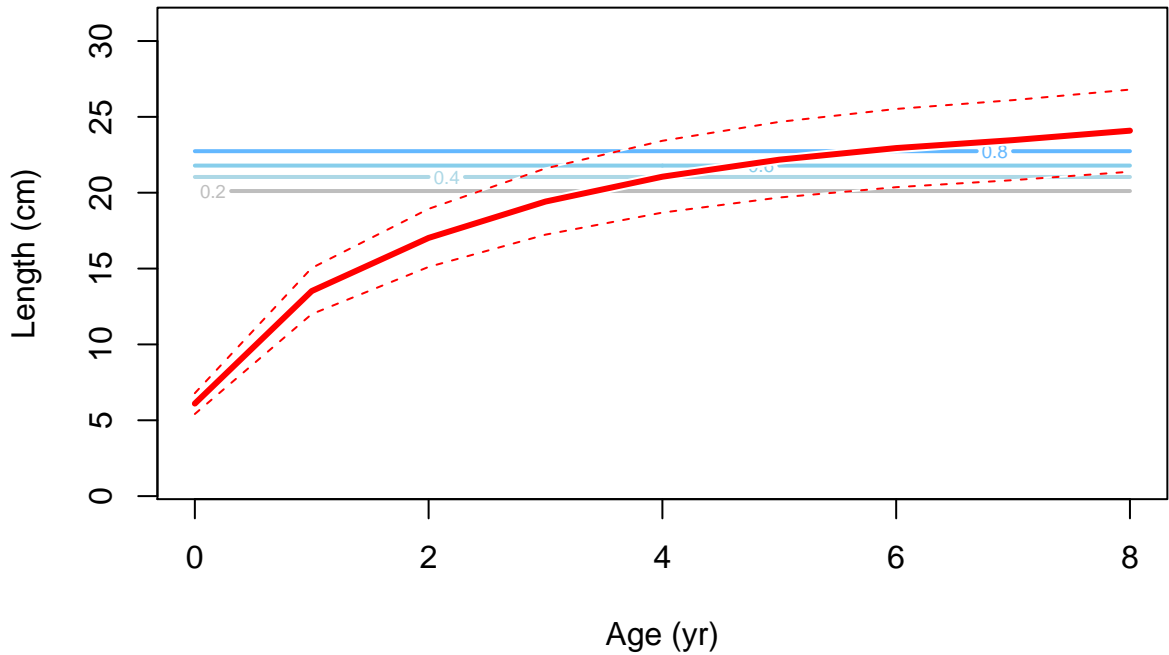


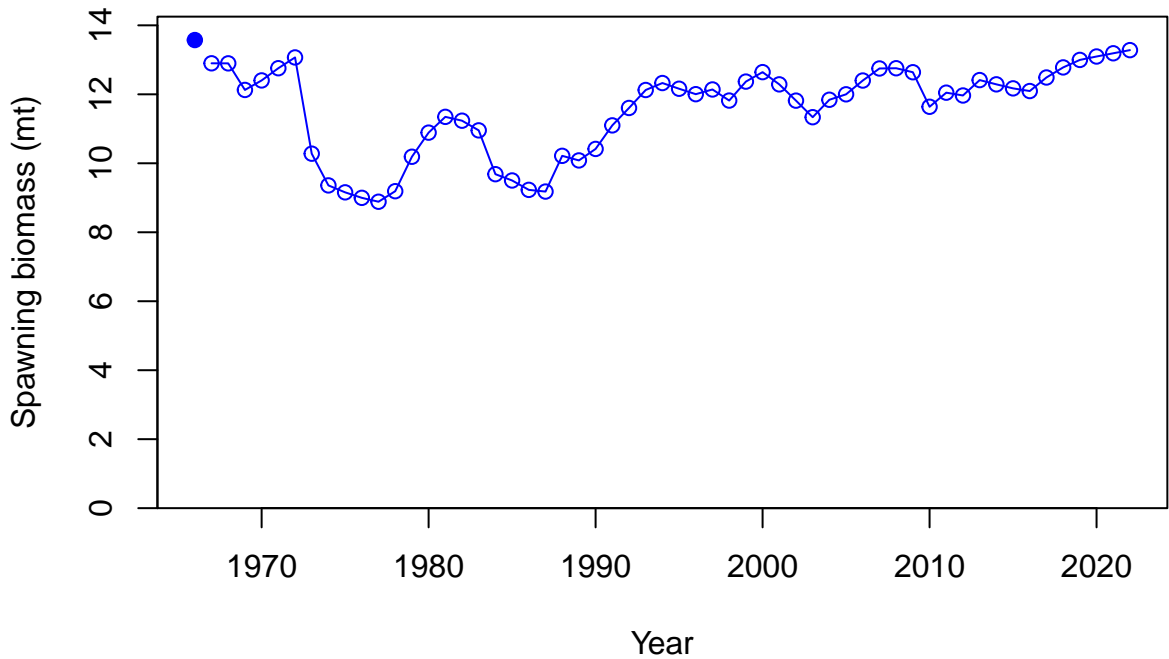
Selectivity



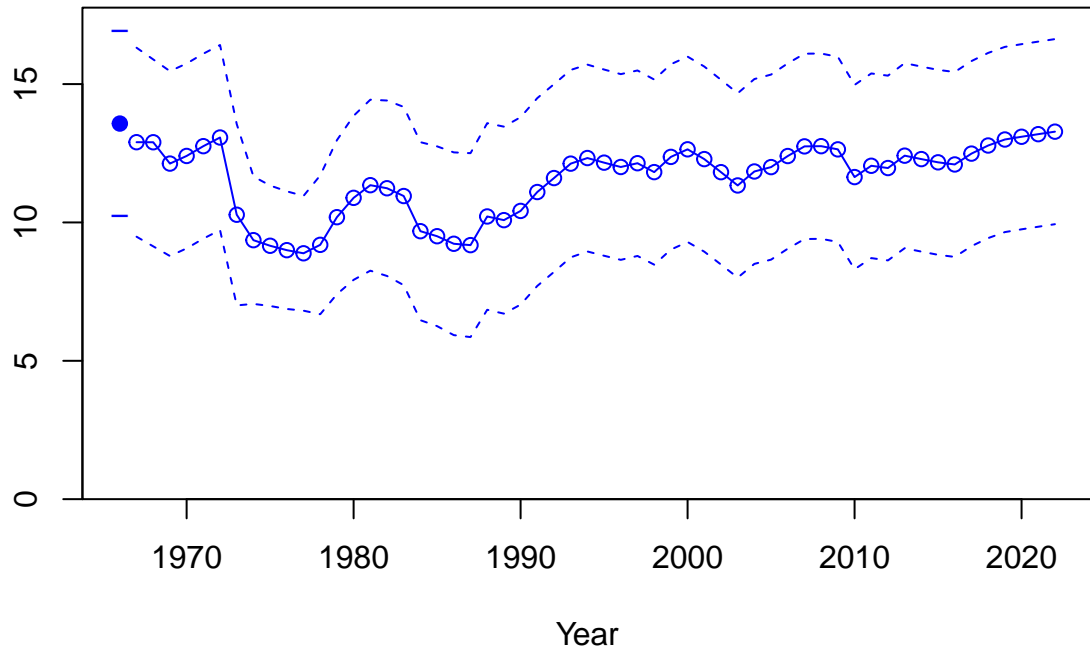
Selectivity



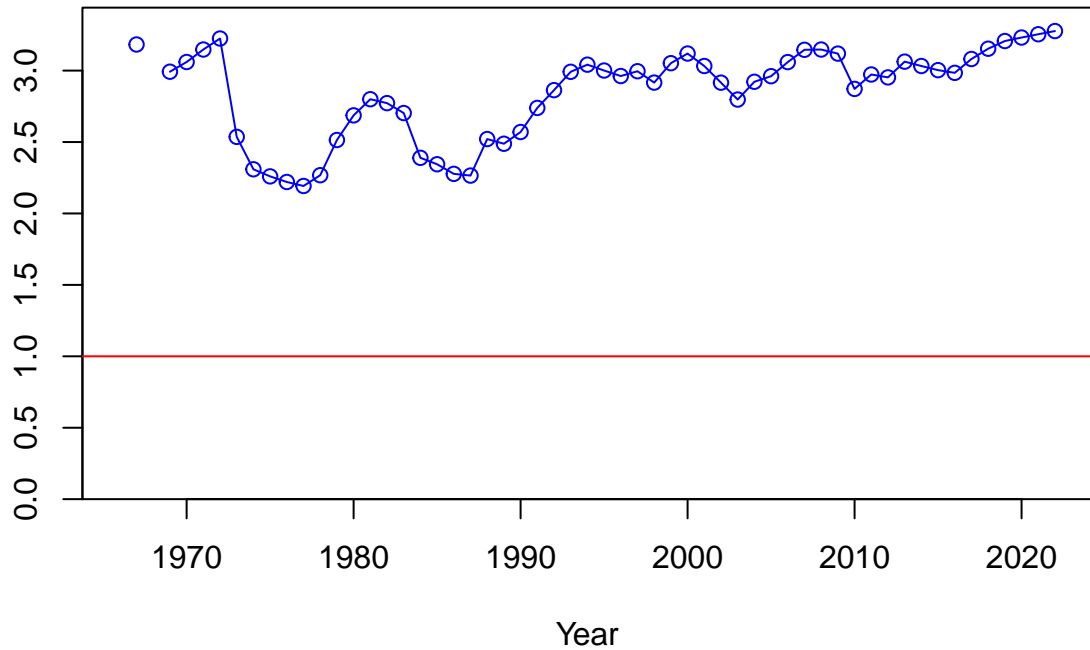




Spawning biomass (mt)

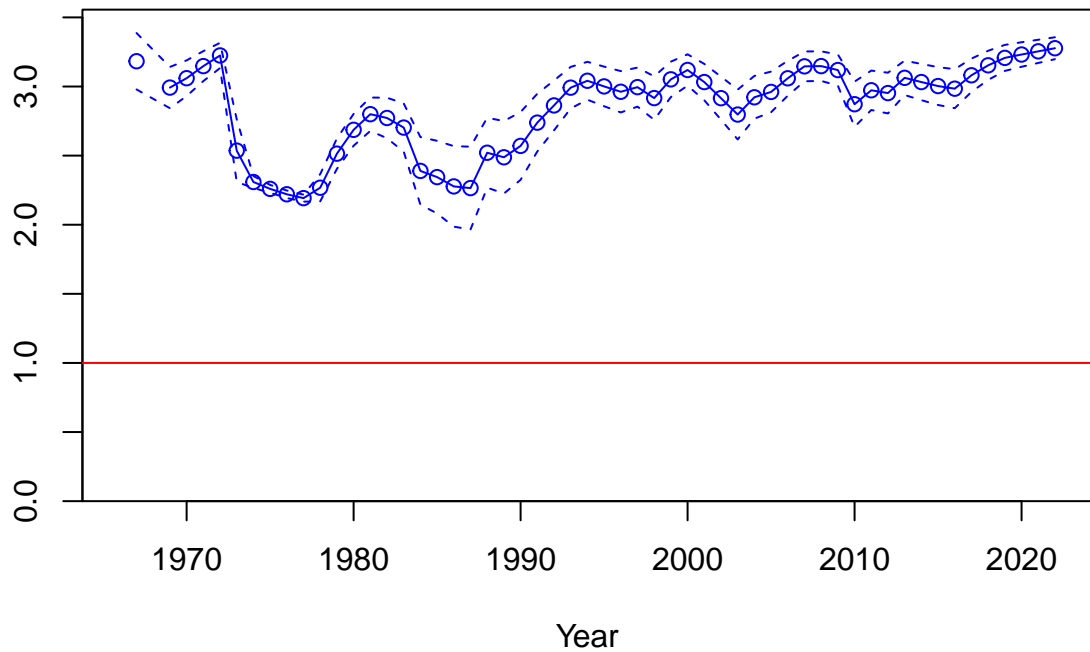


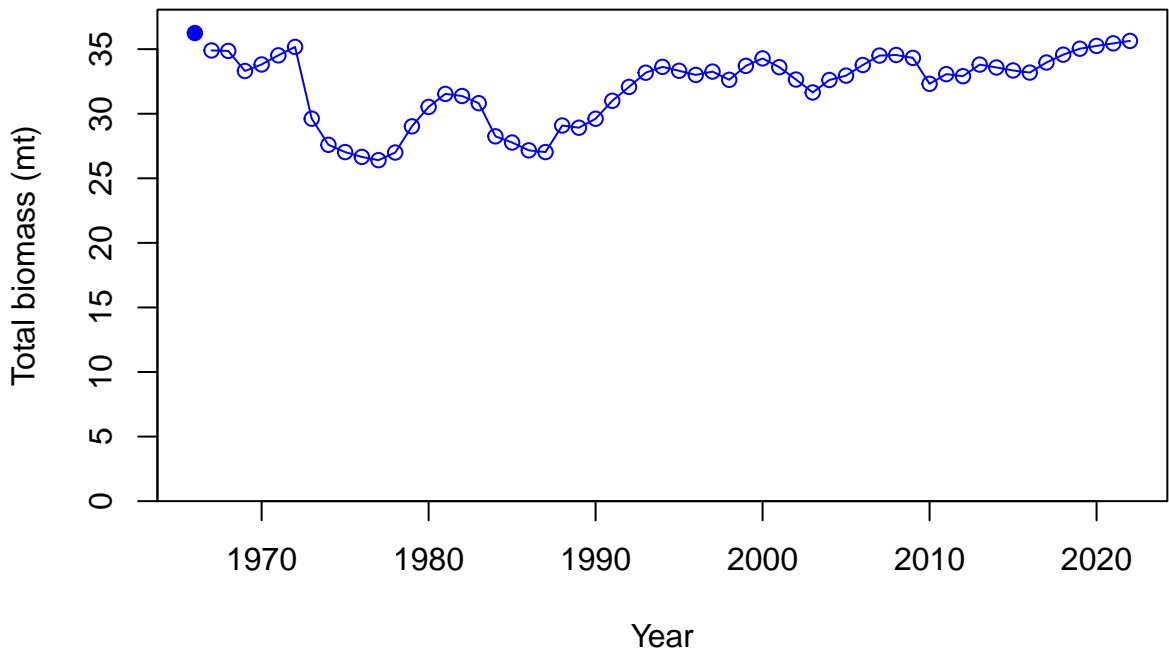
Relative spawning biomass: B/B<sub>MSY</sub>

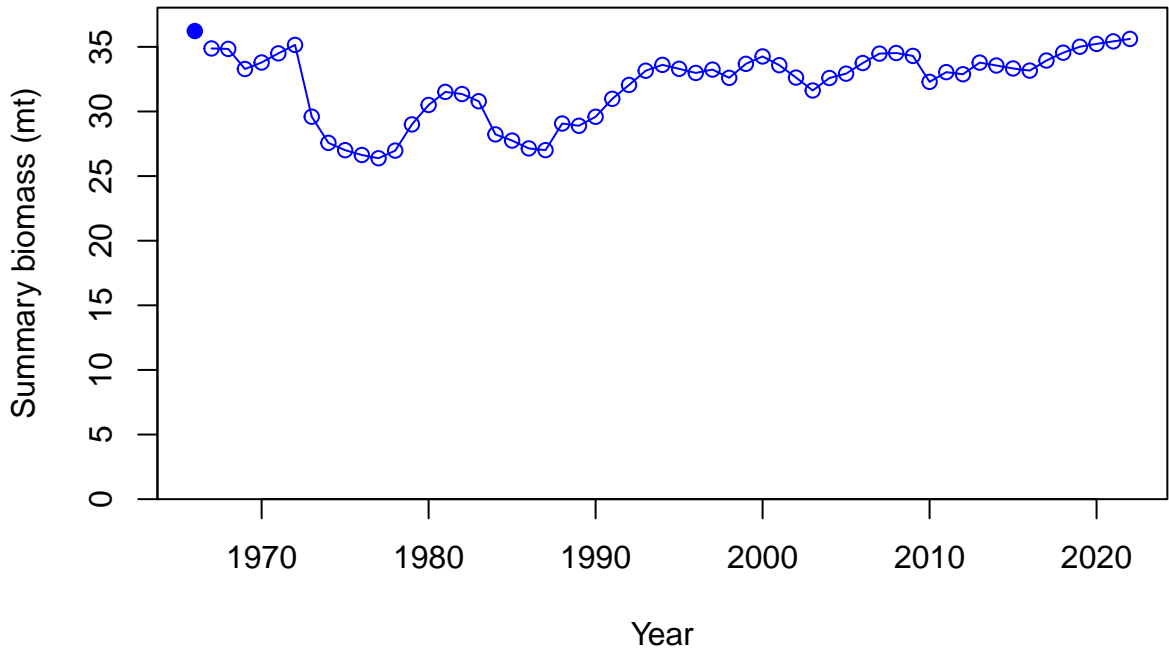




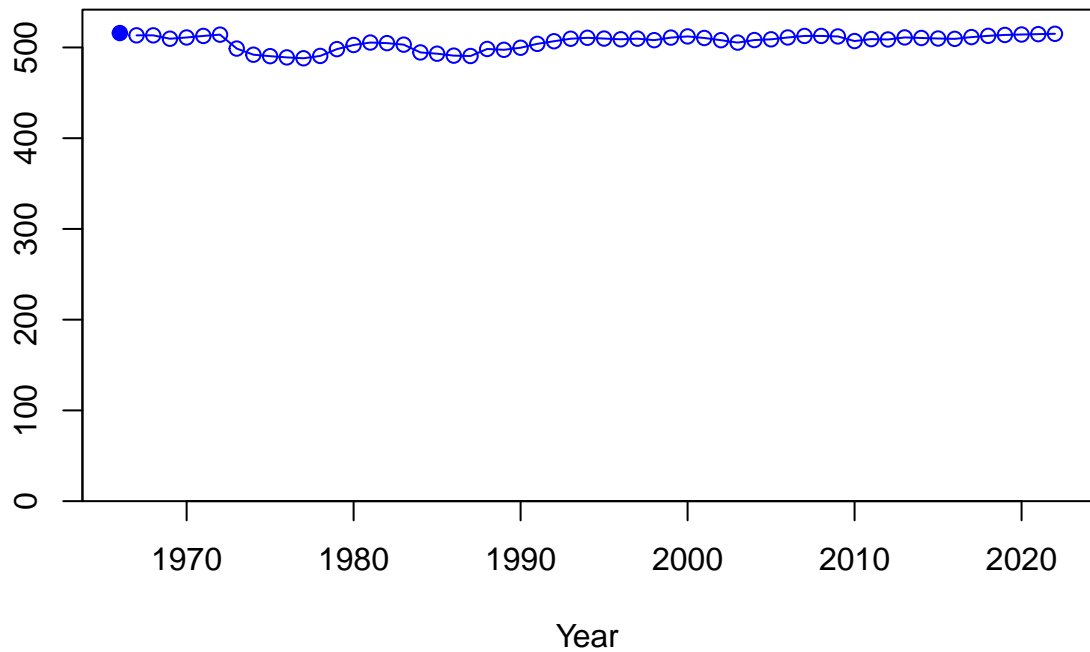
Relative spawning biomass:  $B/B_{MSY}$



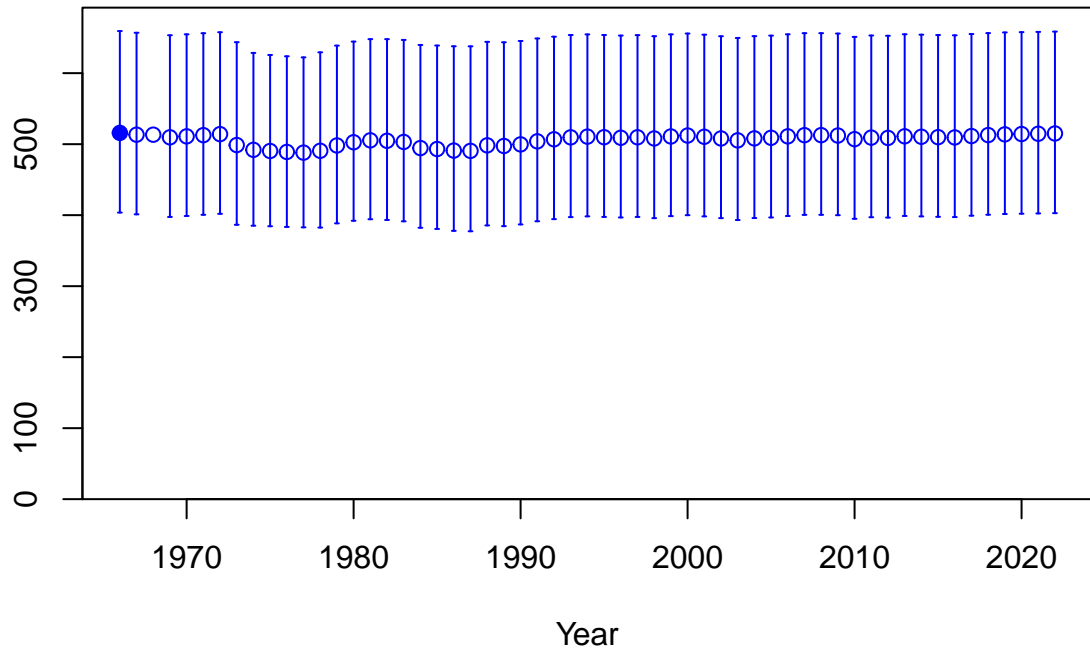




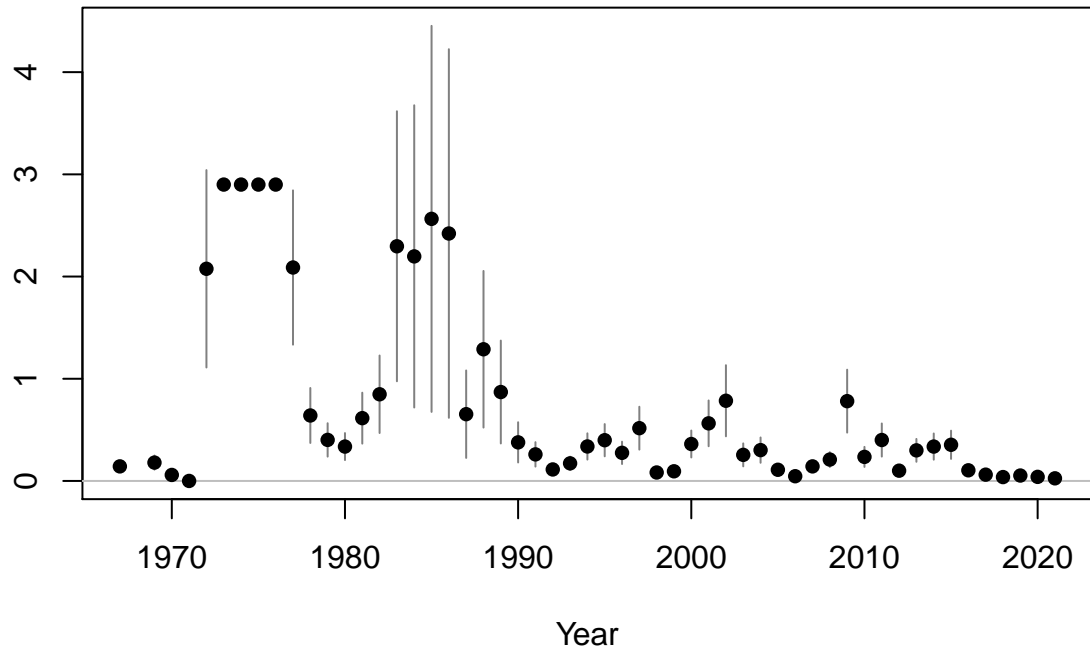
Age-0 recruits (1,000s)

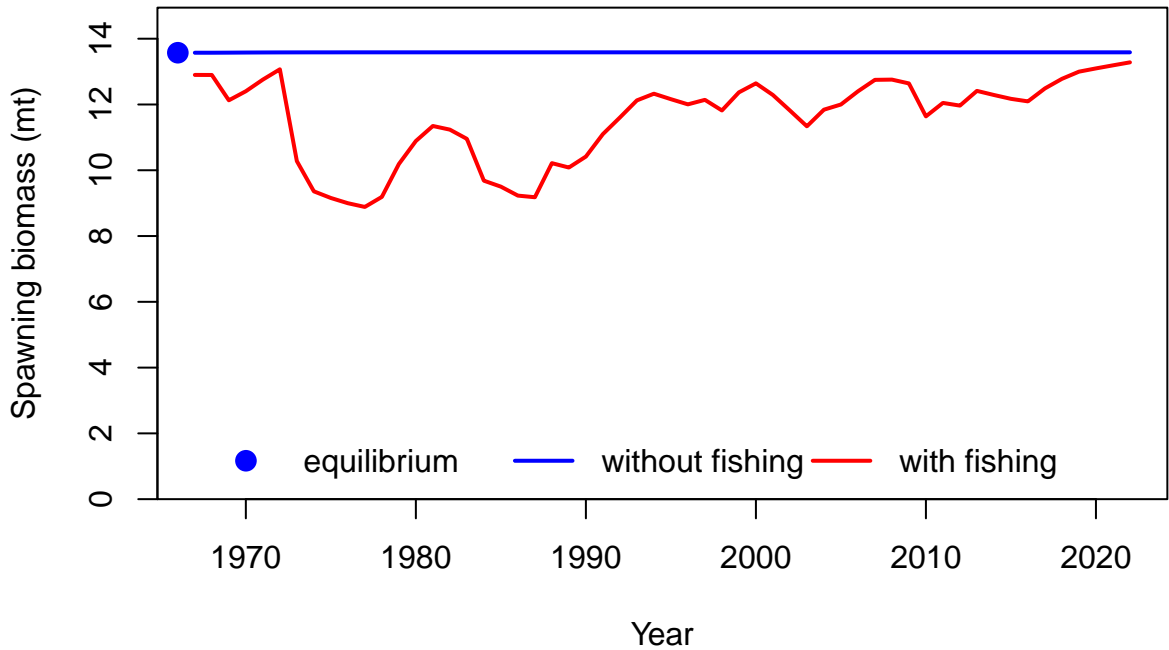


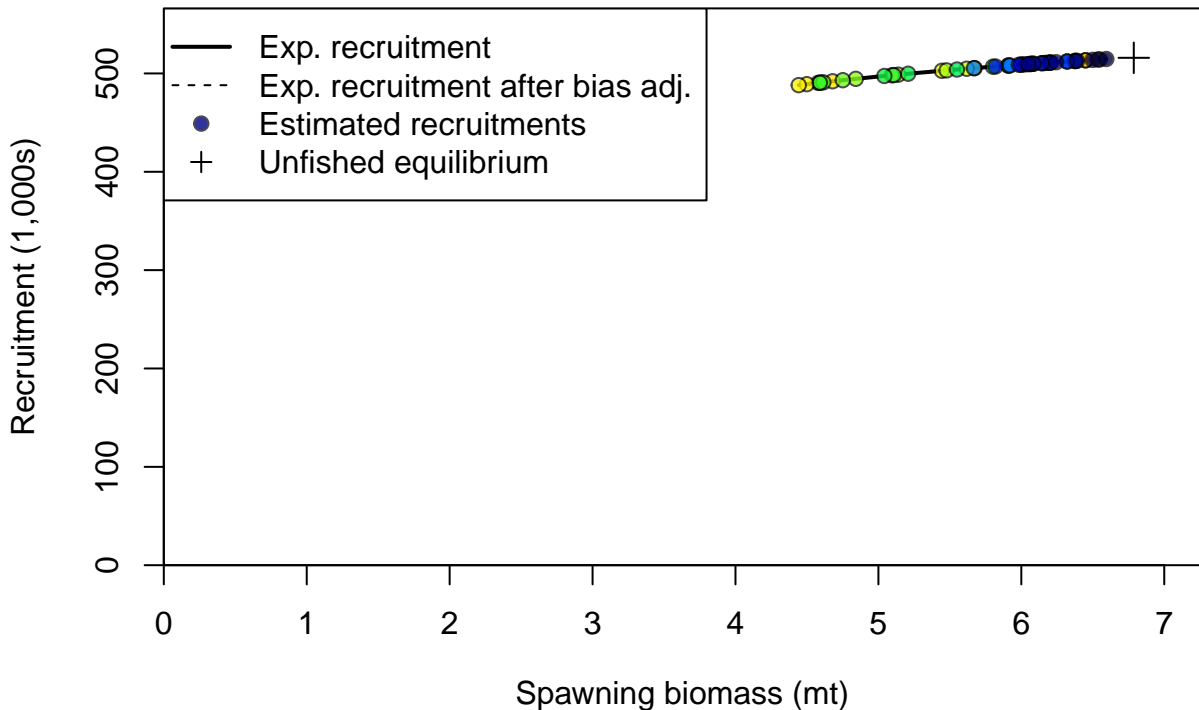
Age-0 recruits (1,000s)



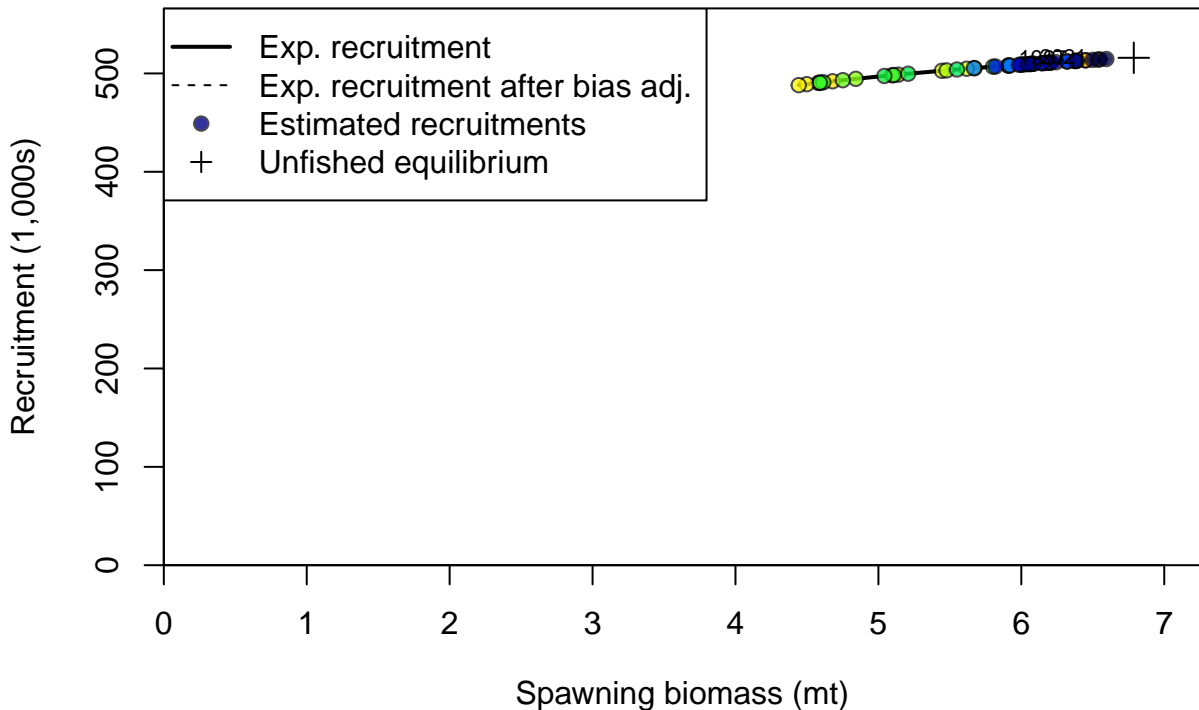
Summary Fishing Mortality

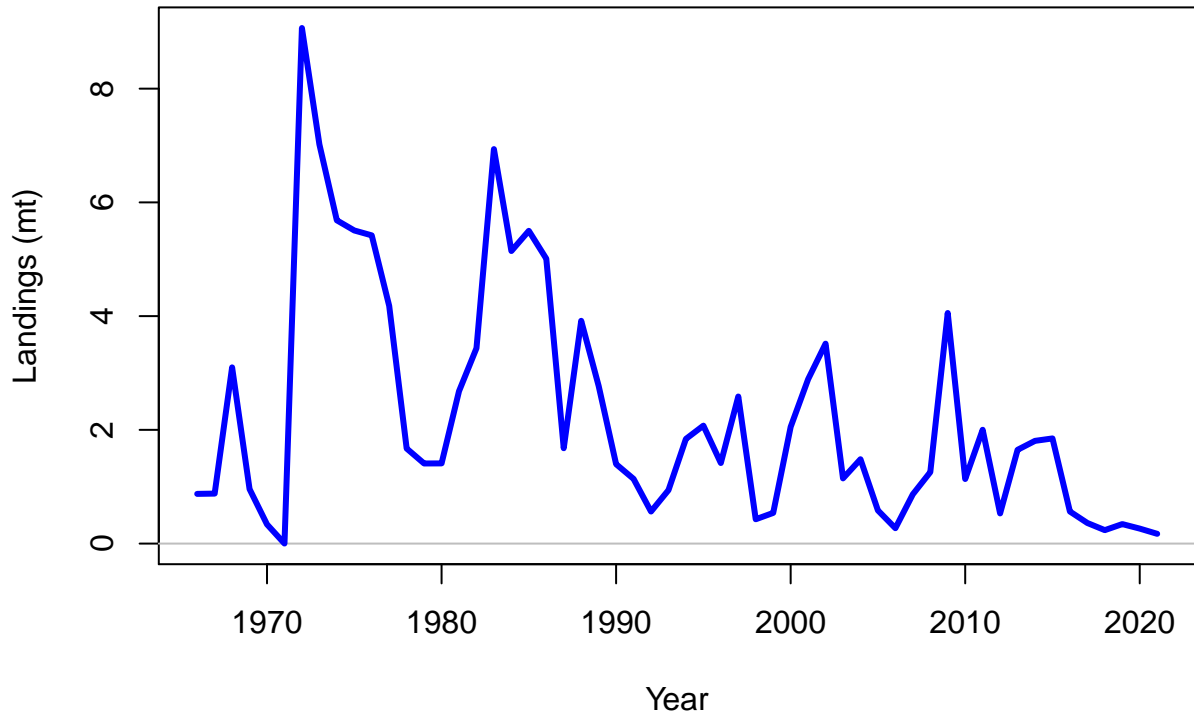


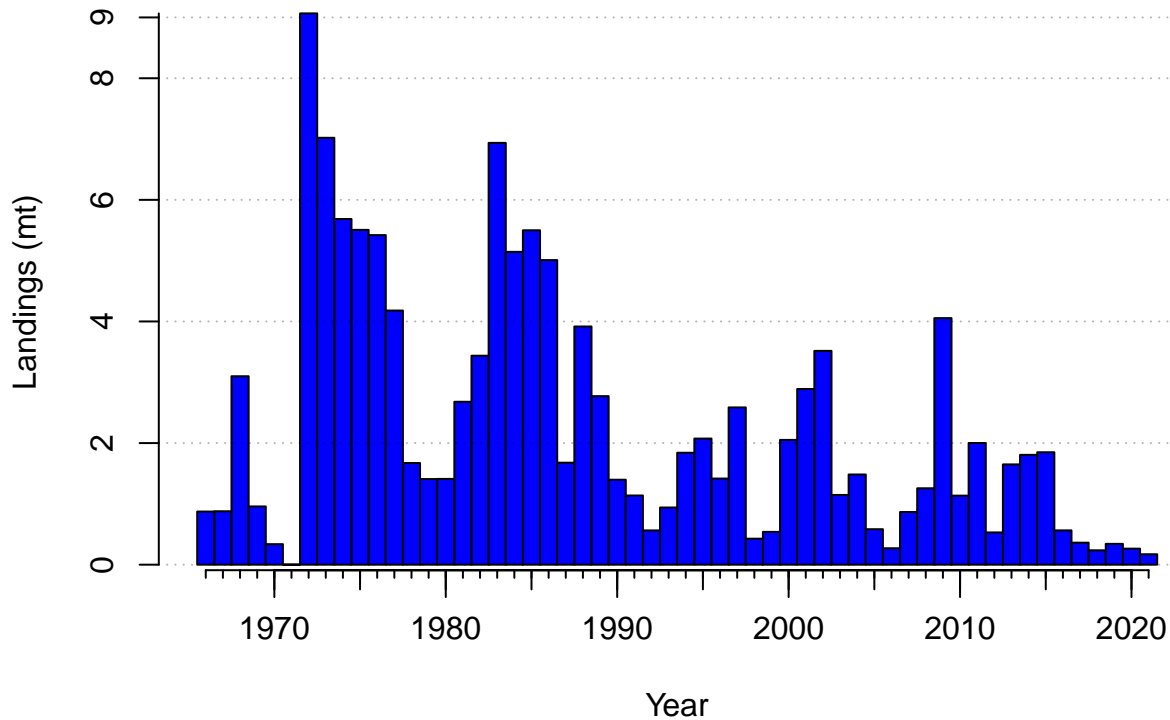


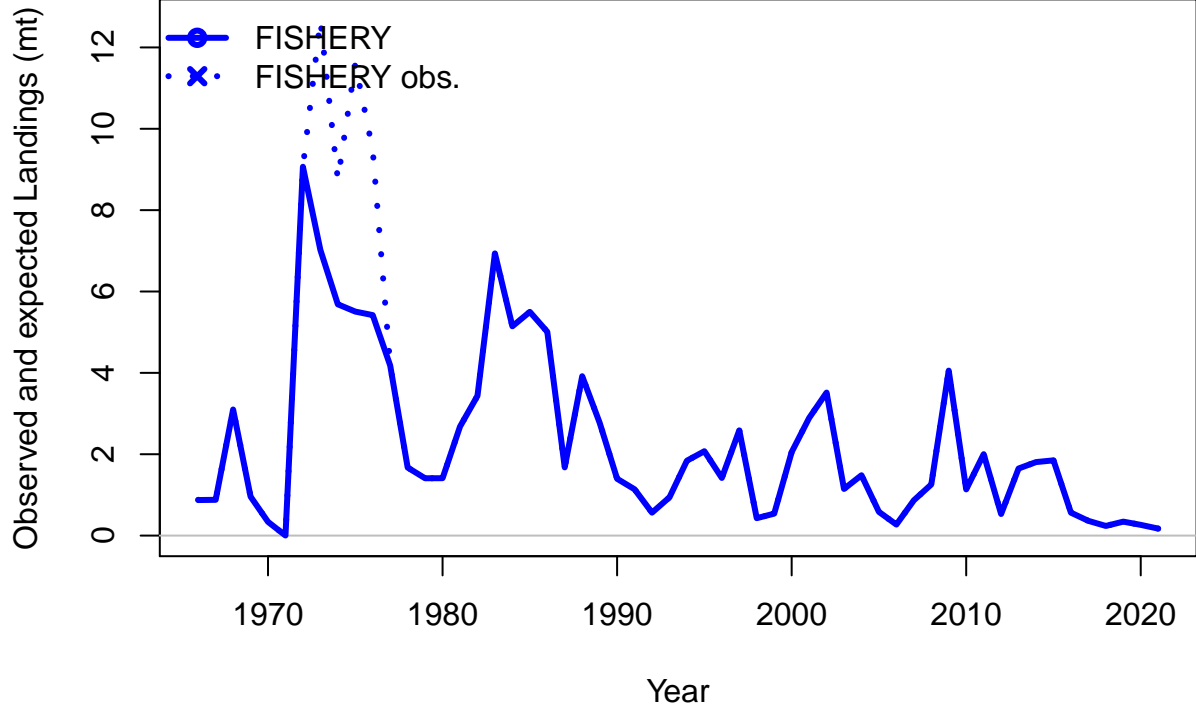


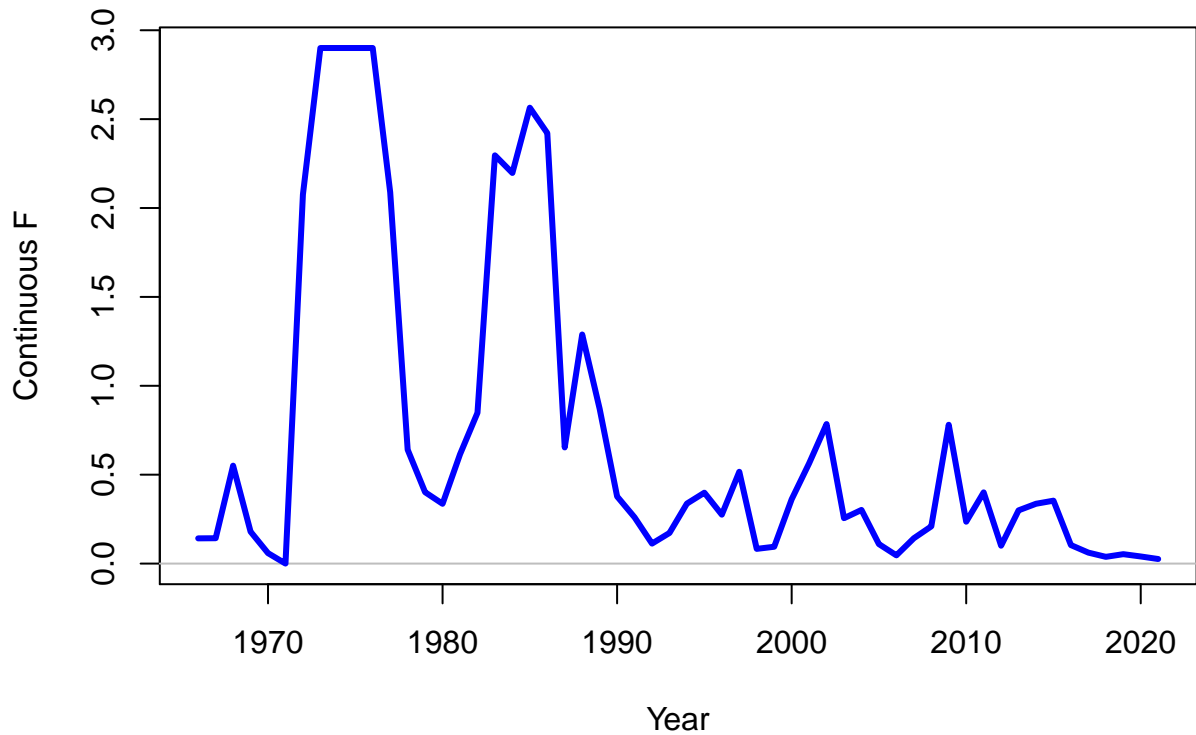




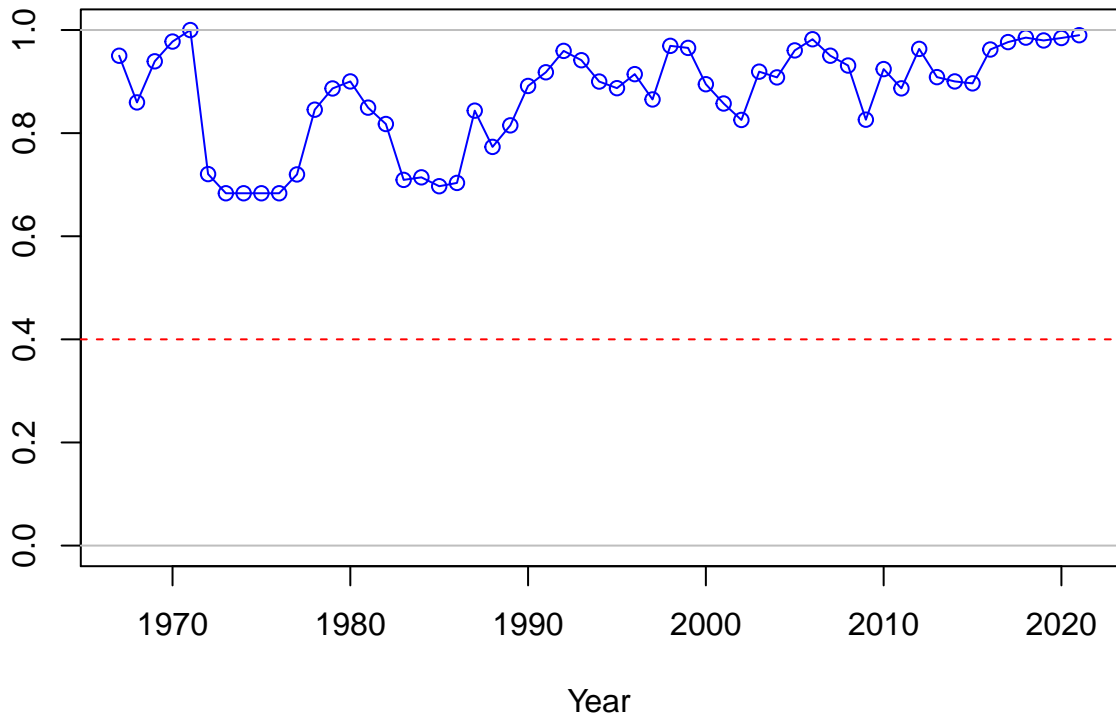




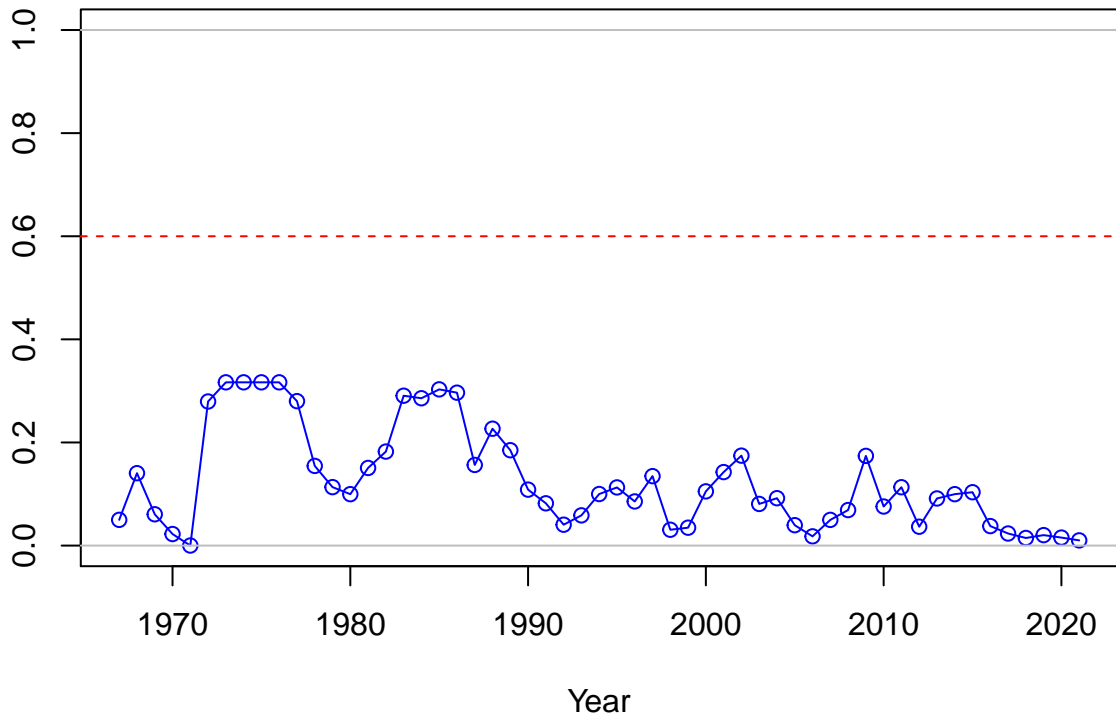




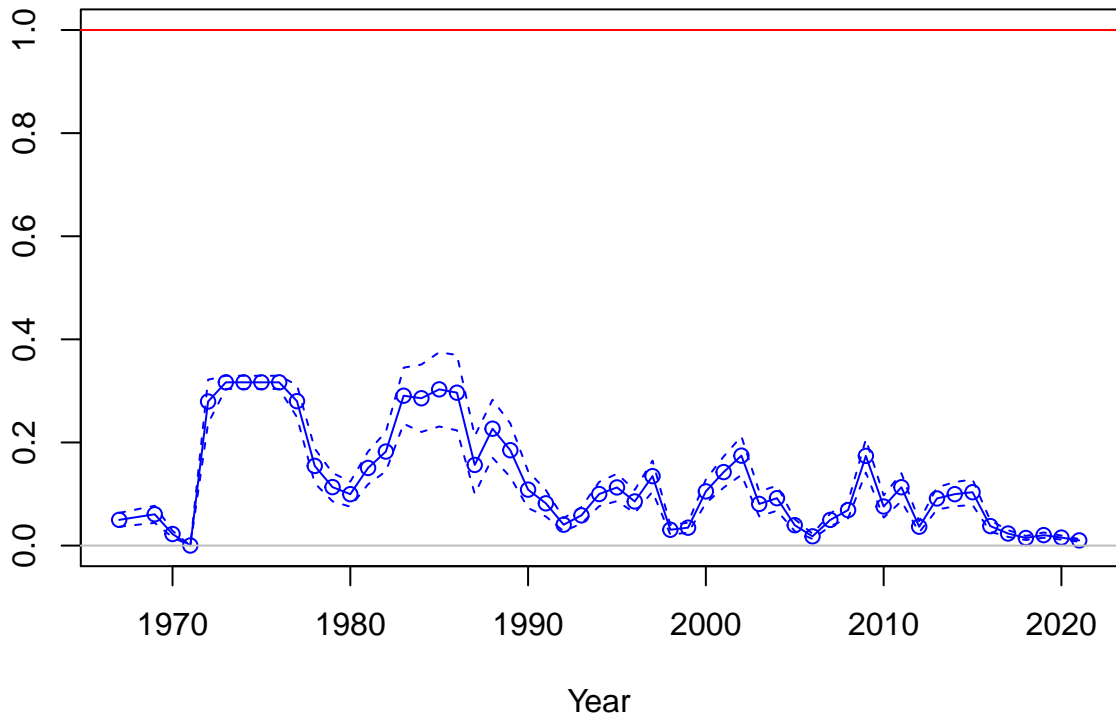
SPR



1-SPR

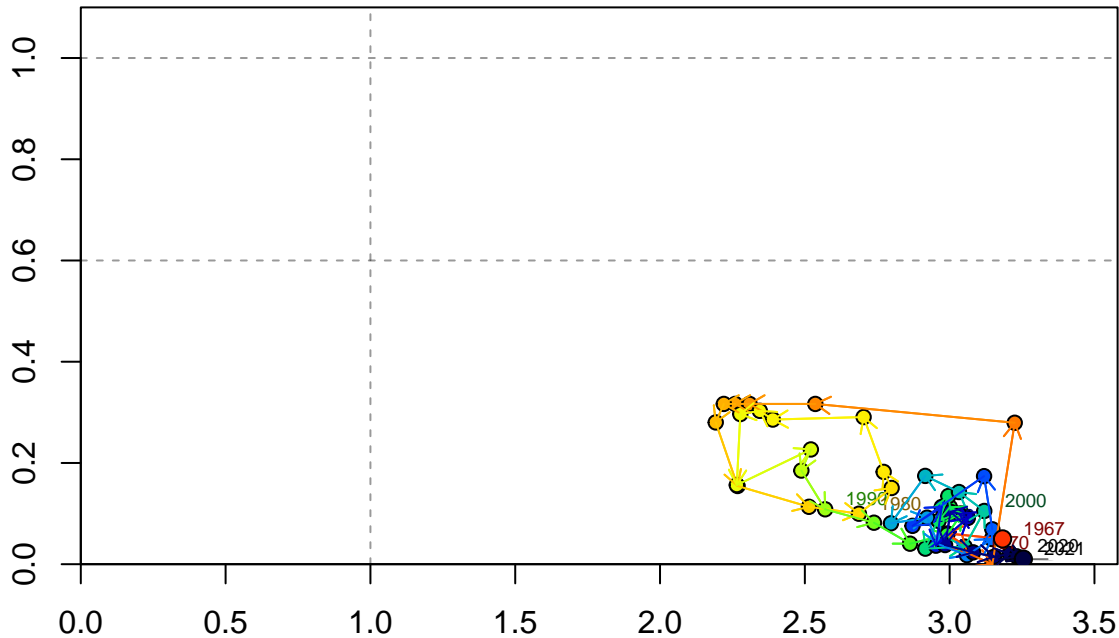


Fishing intensity: 1-SPR





Fishing intensity: 1-SPR

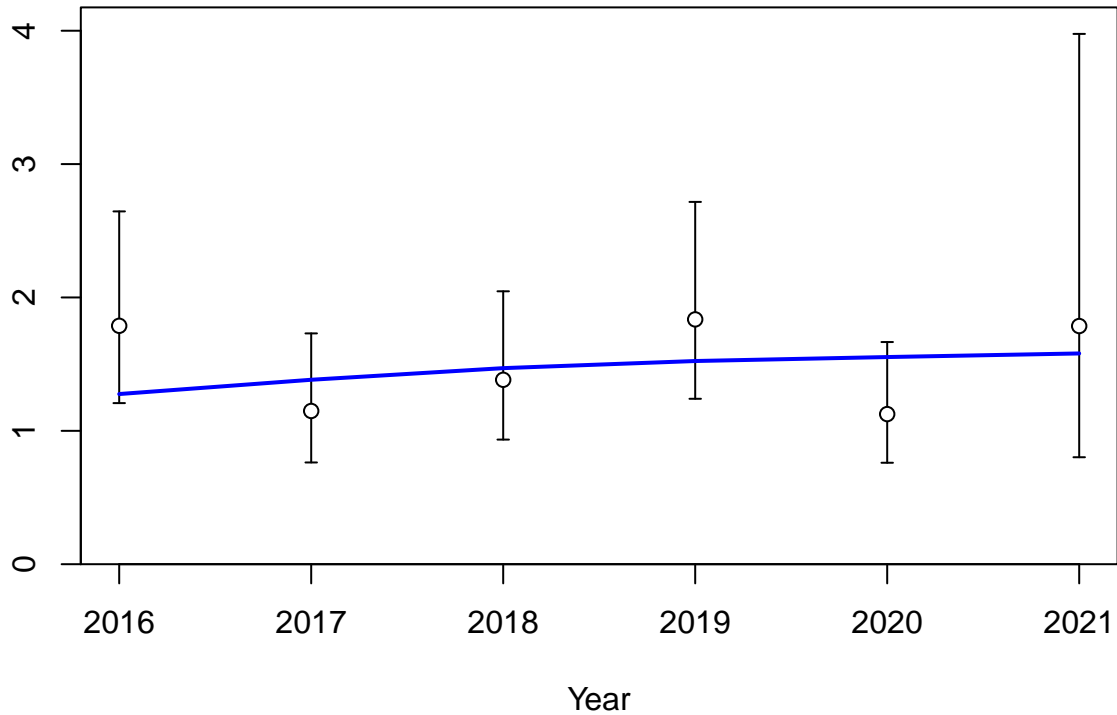


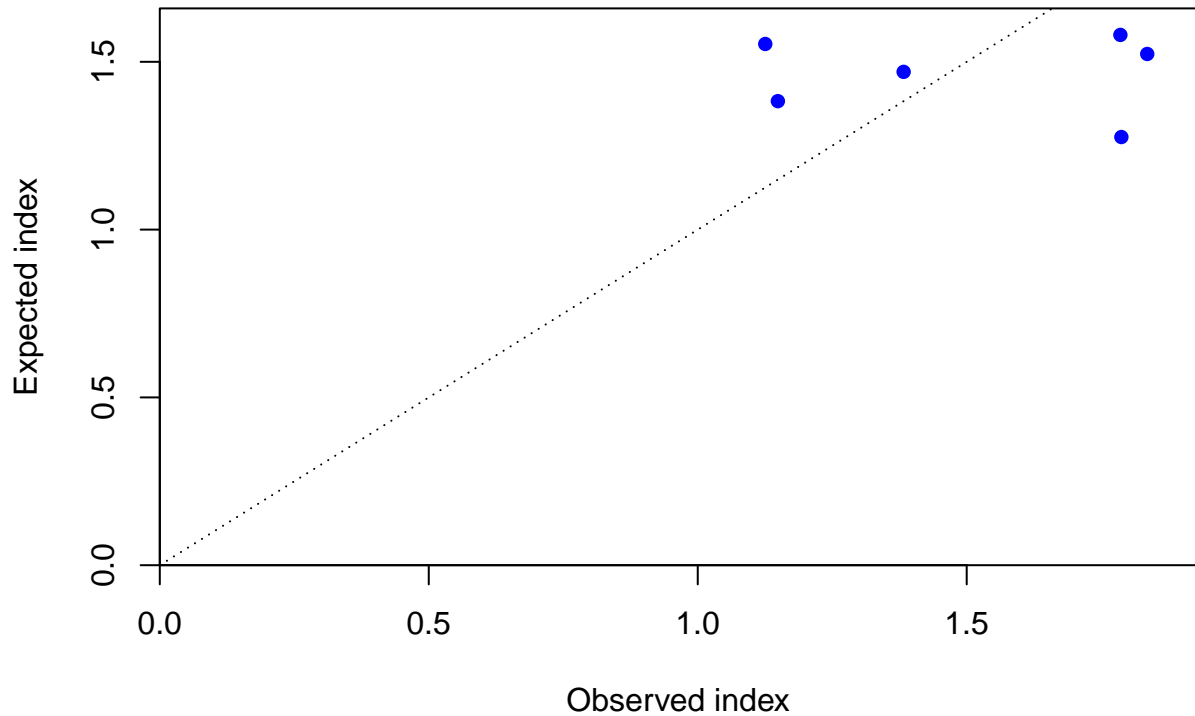
Relative spawning output: B/B\_MS Y

Index

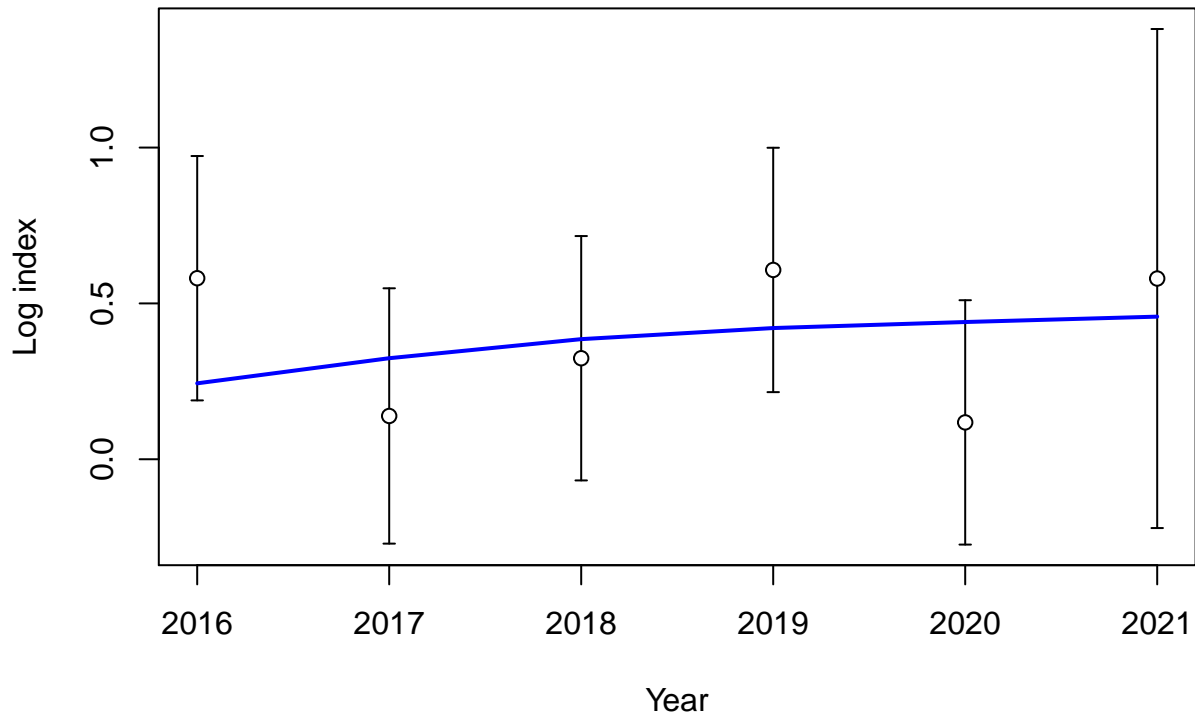


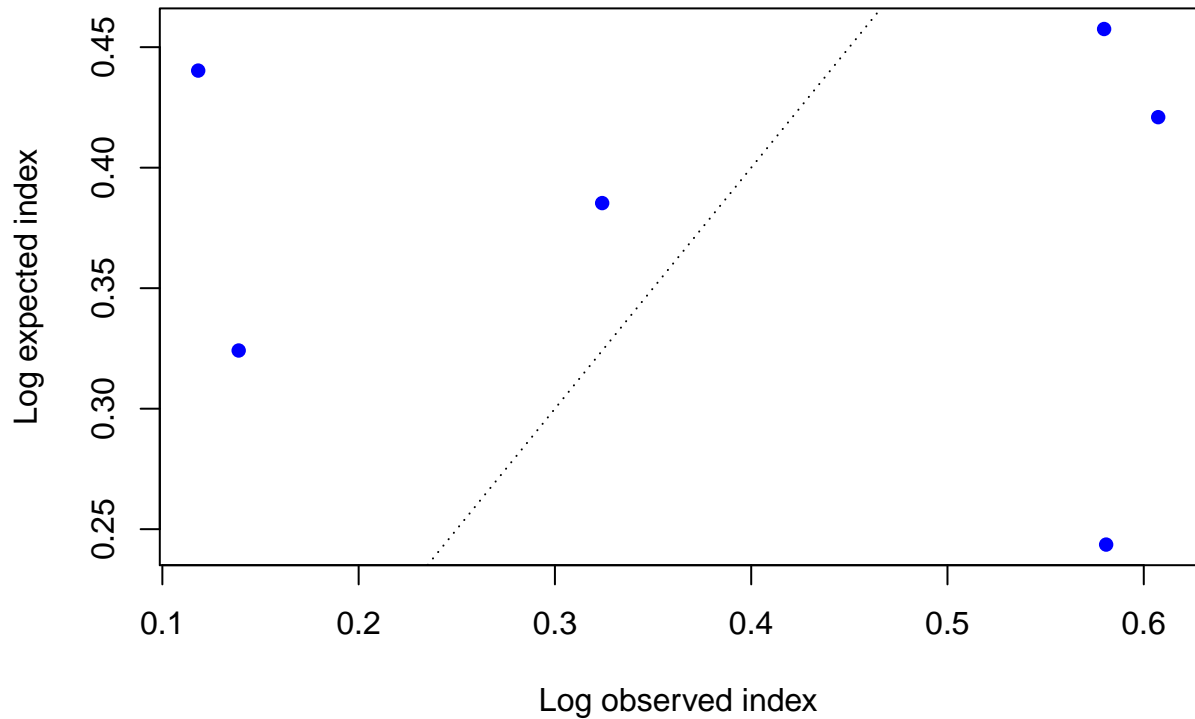
Index

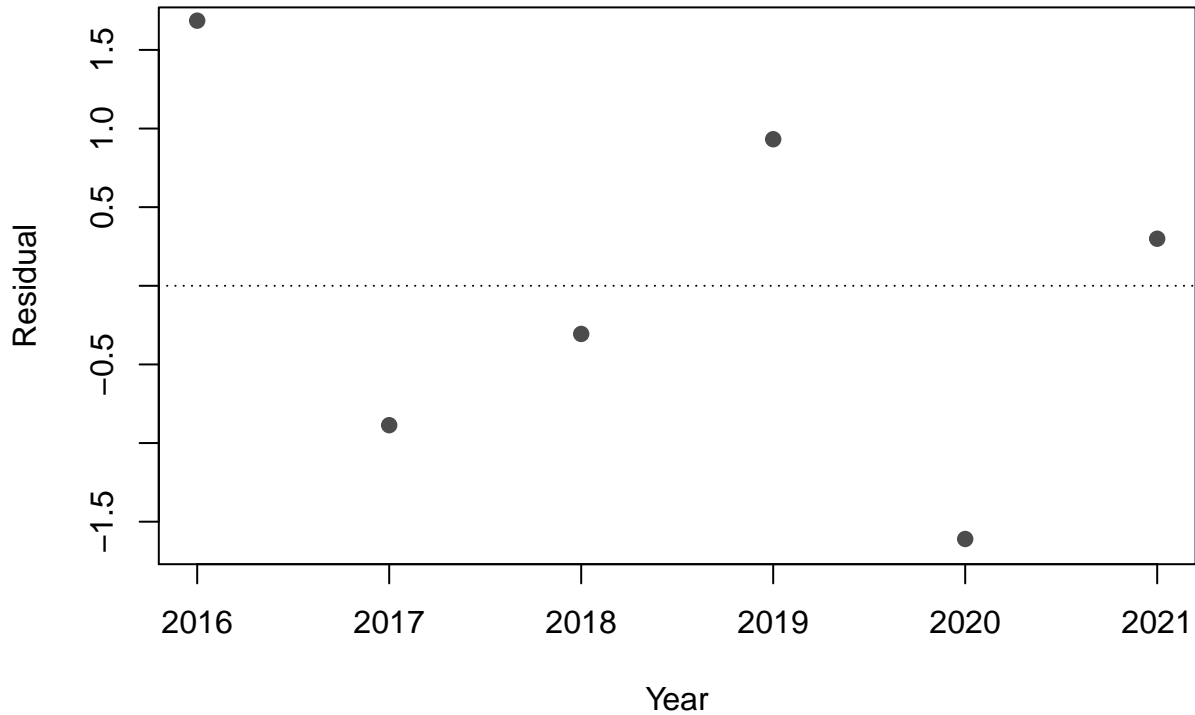




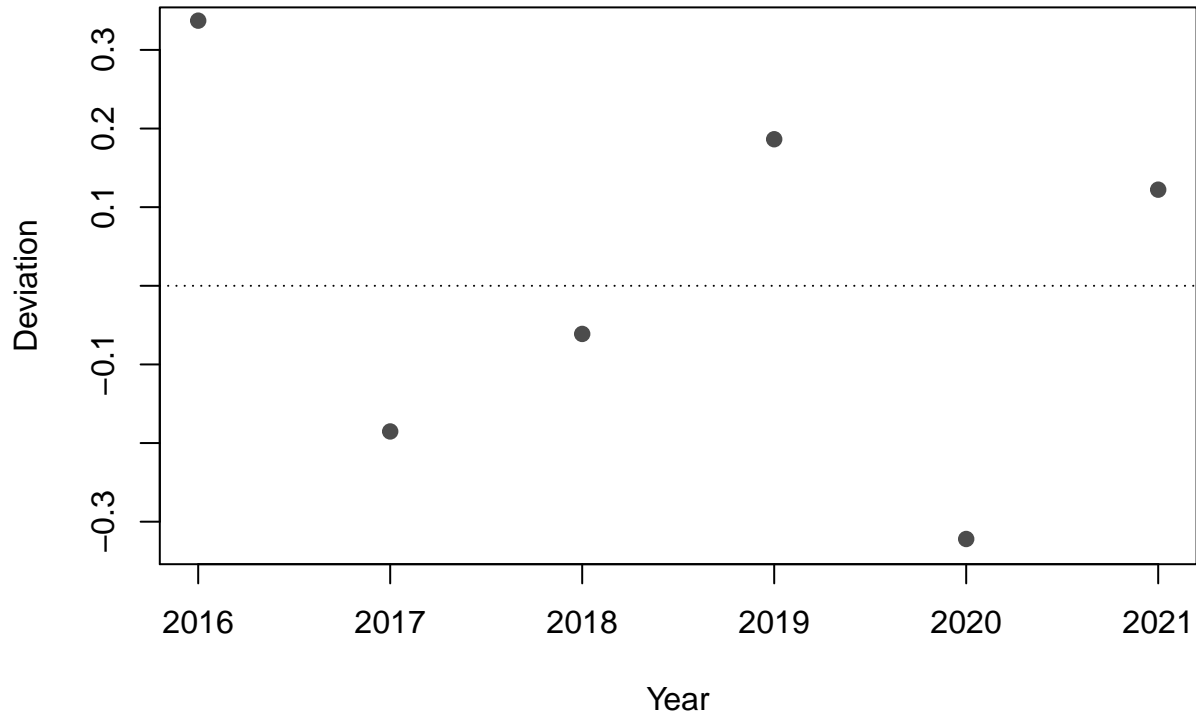




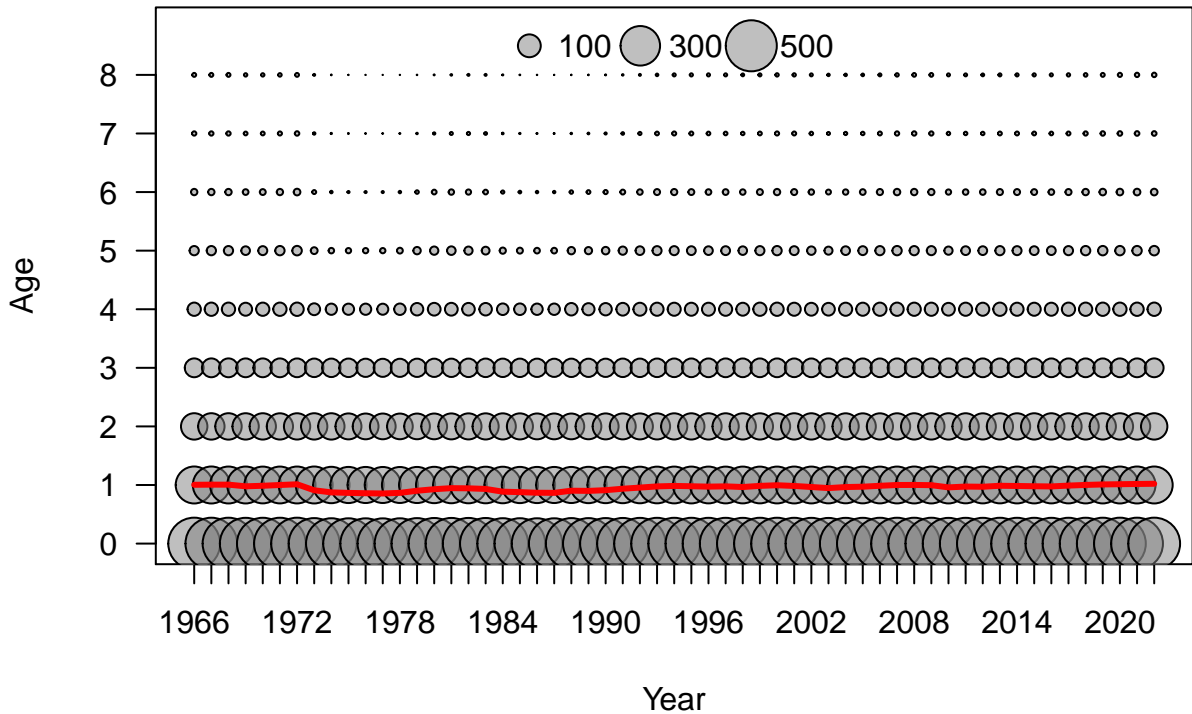


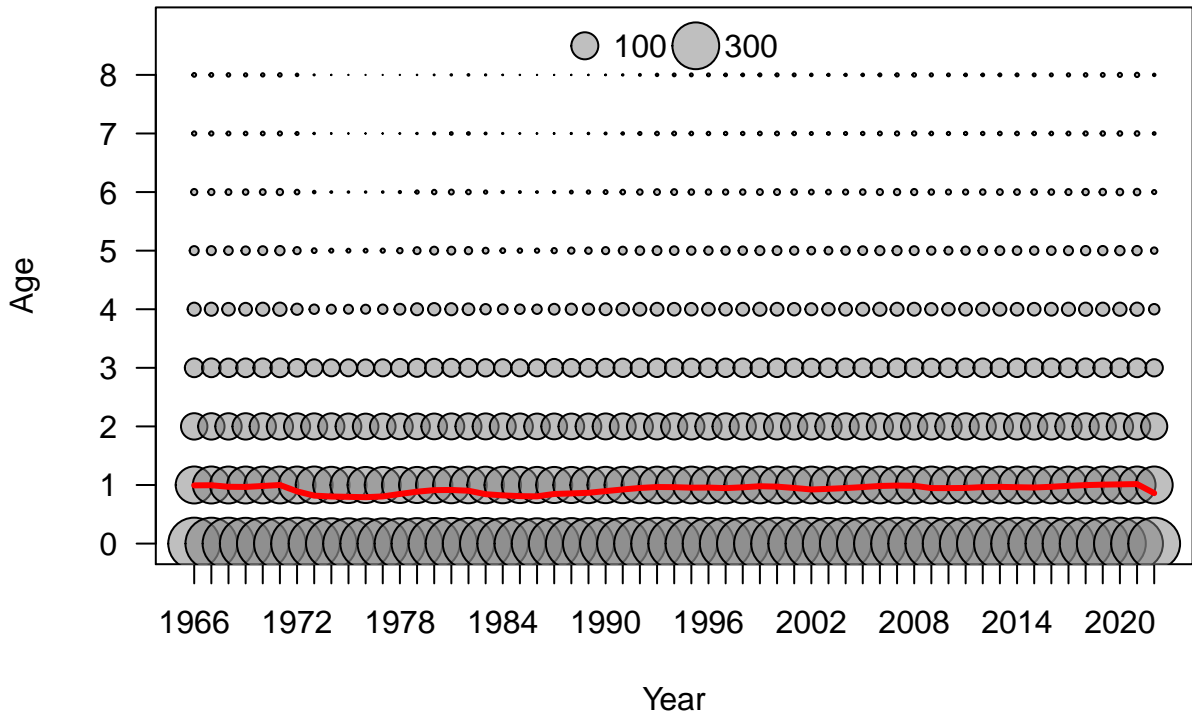


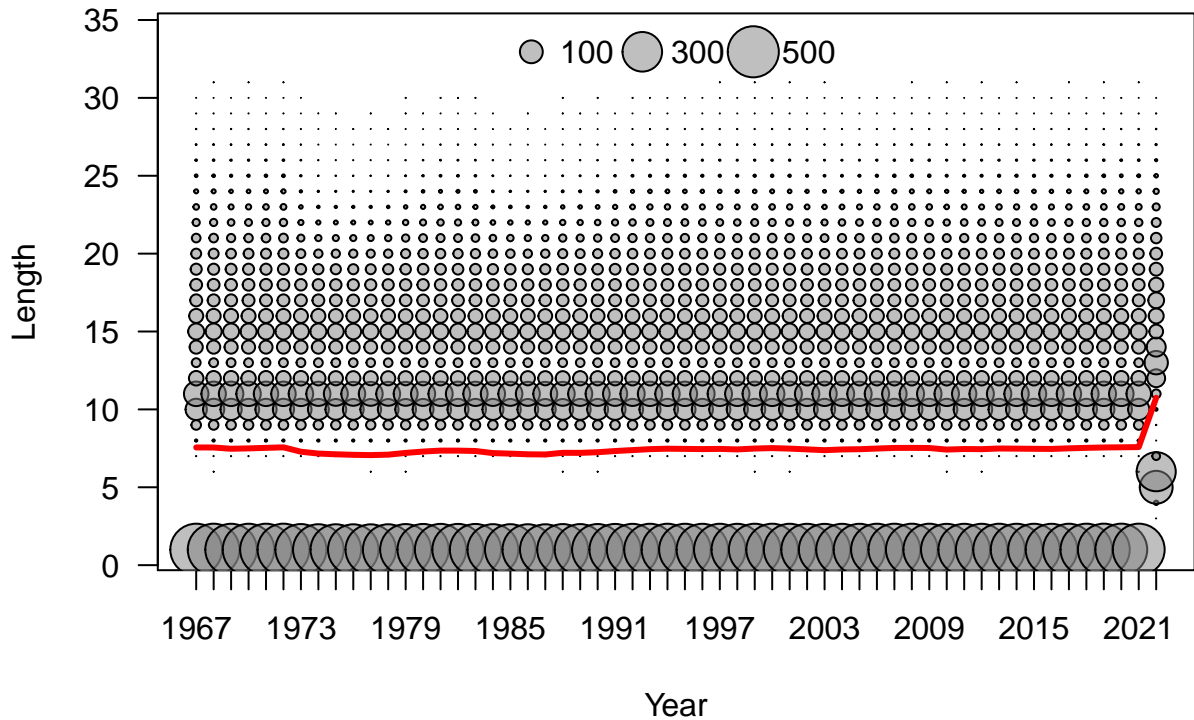


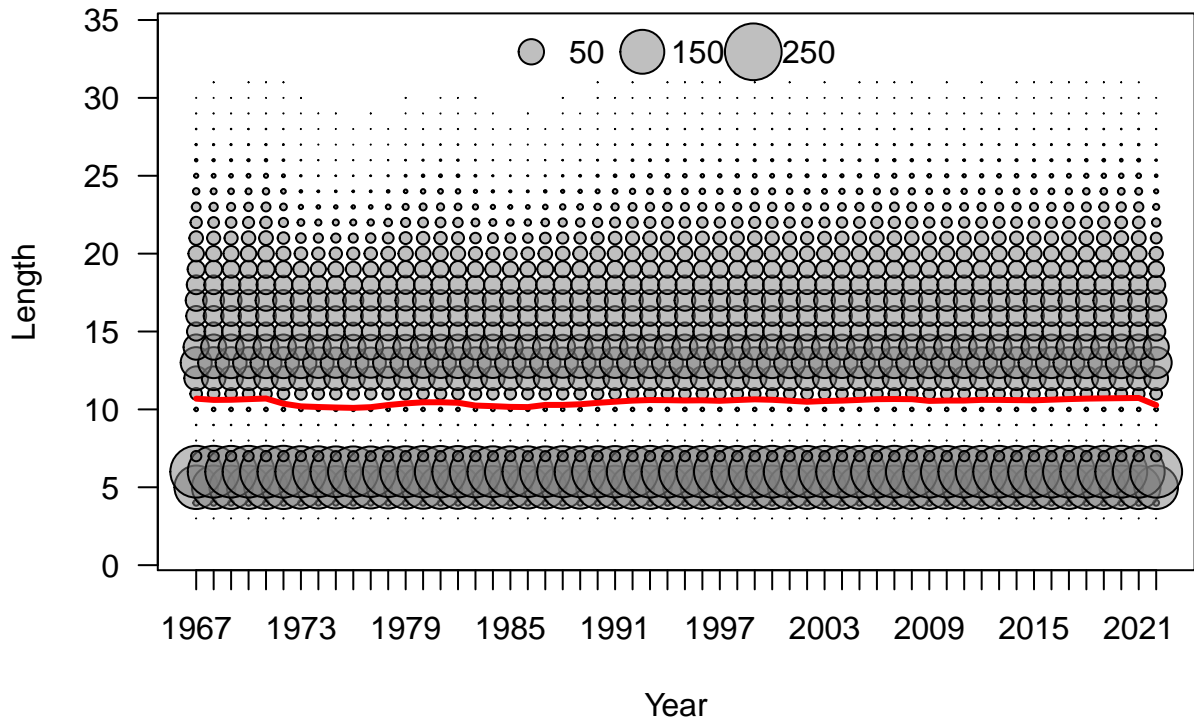


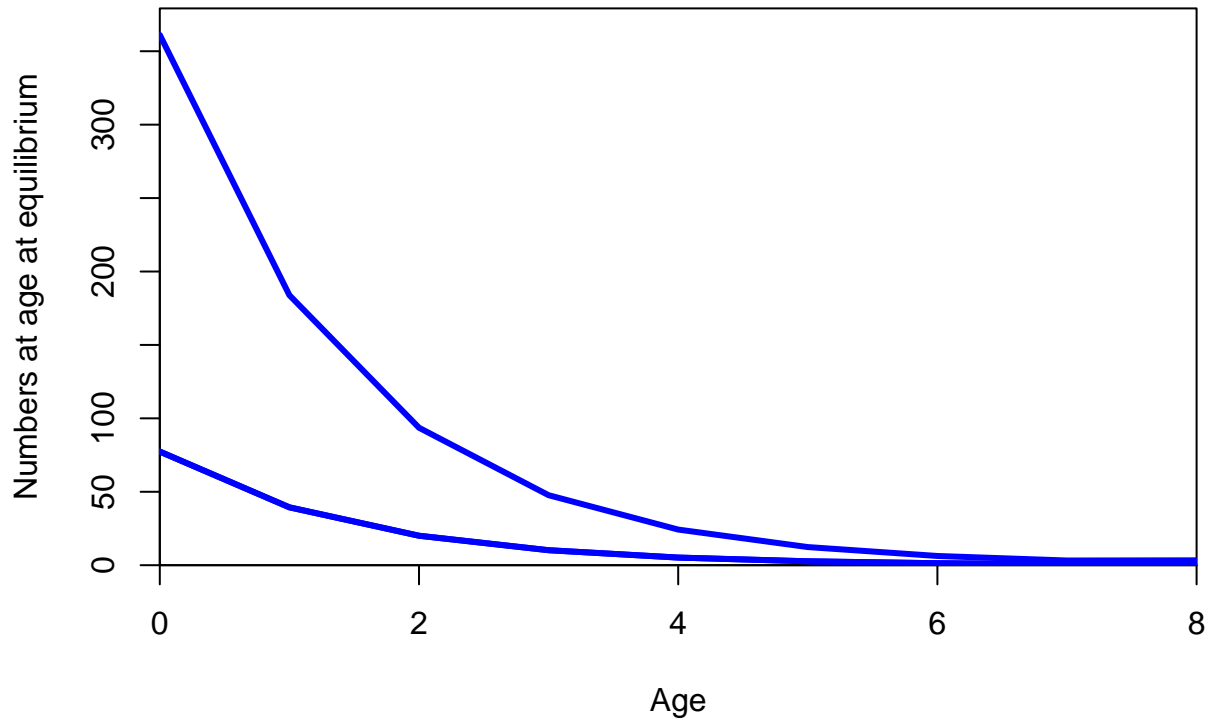


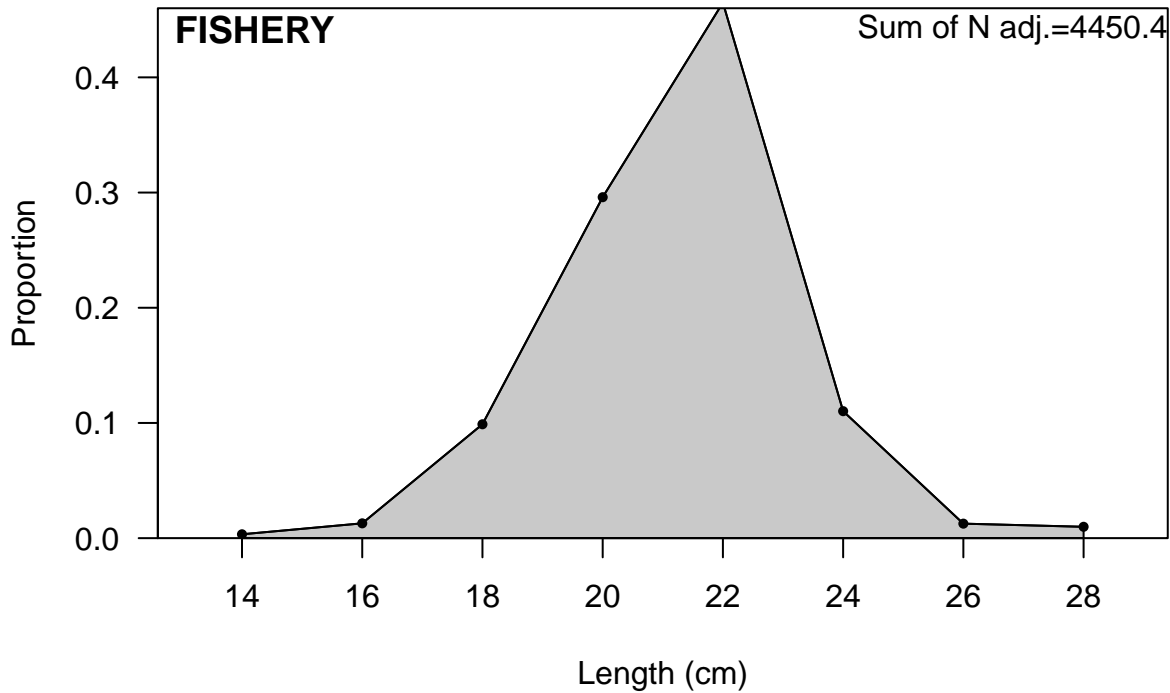








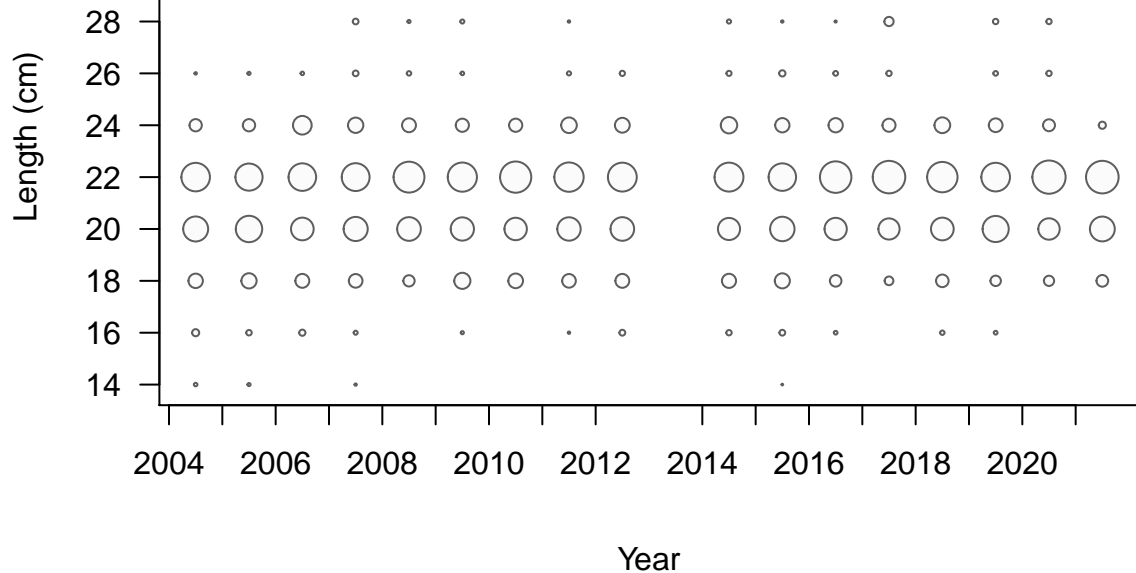




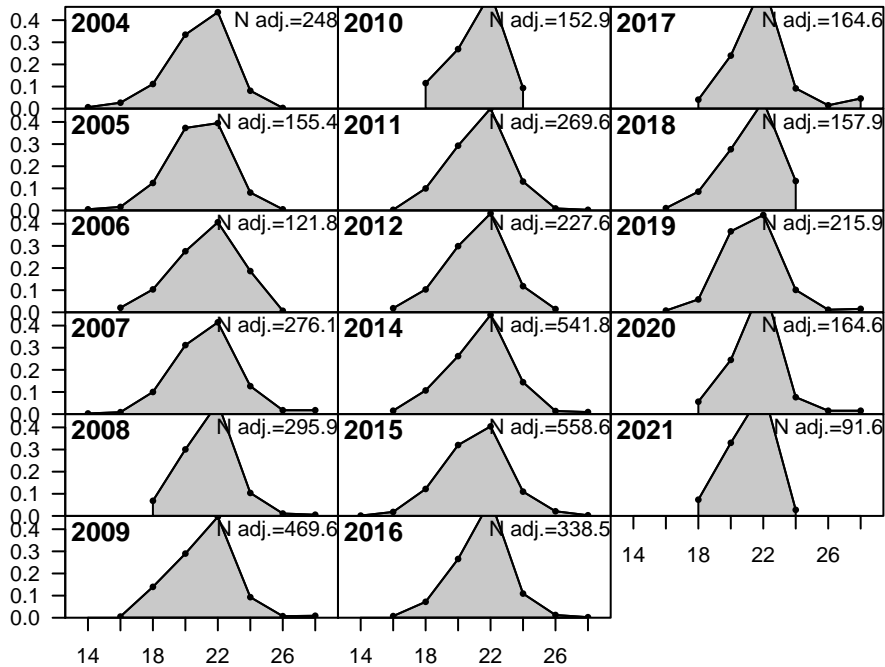


# FISHERY

◦ 0.01 ○ 0.4



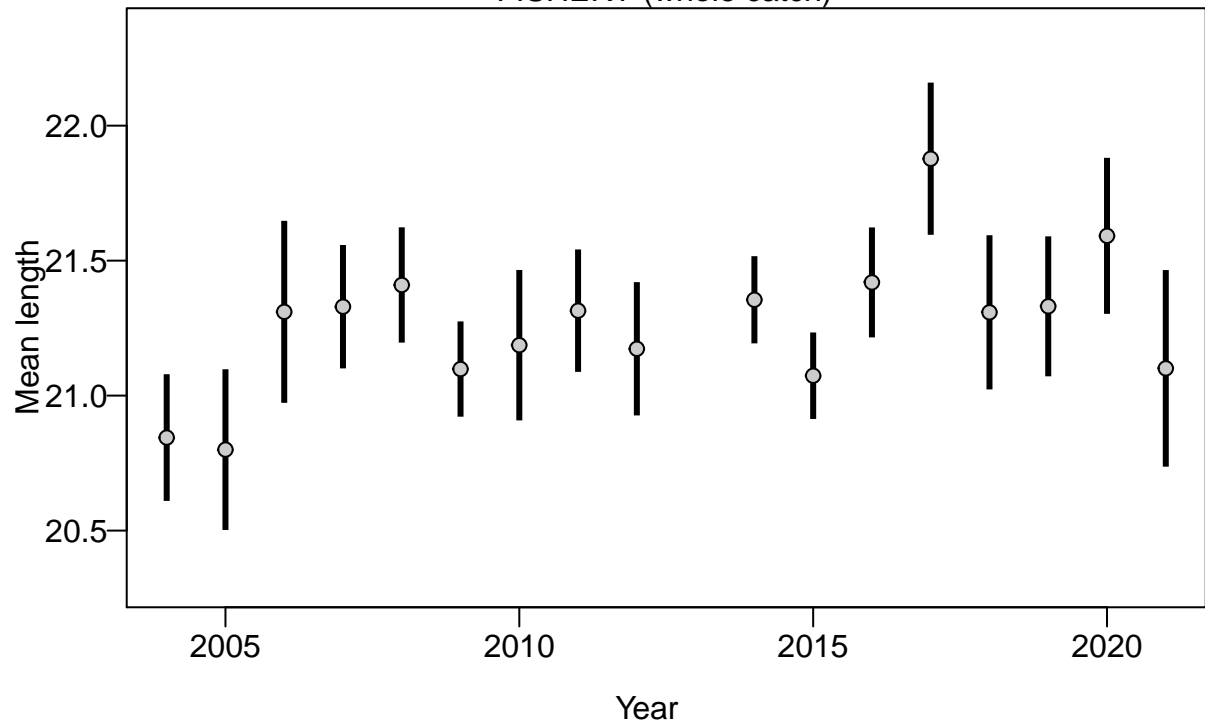
Proportion

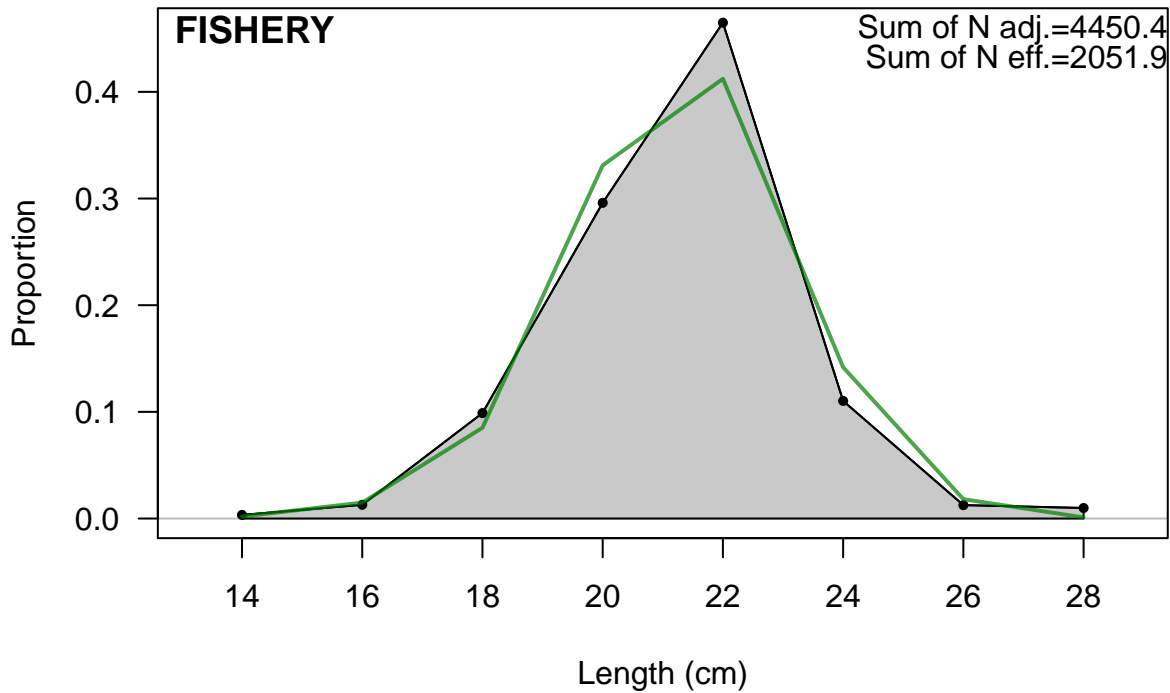


Length (cm)



FISHERY (whole catch)





FISHERY

-15

5

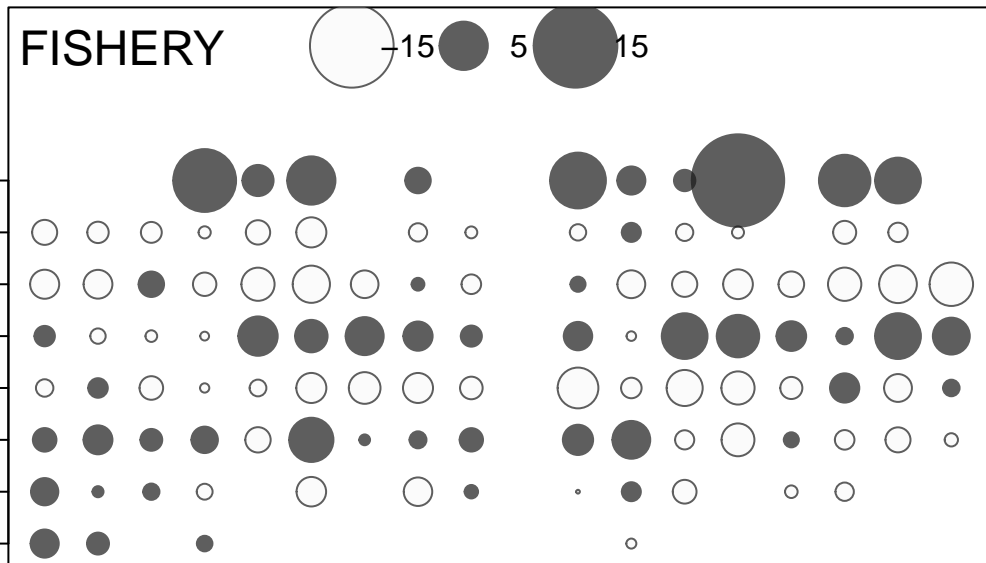
15

Length (cm)

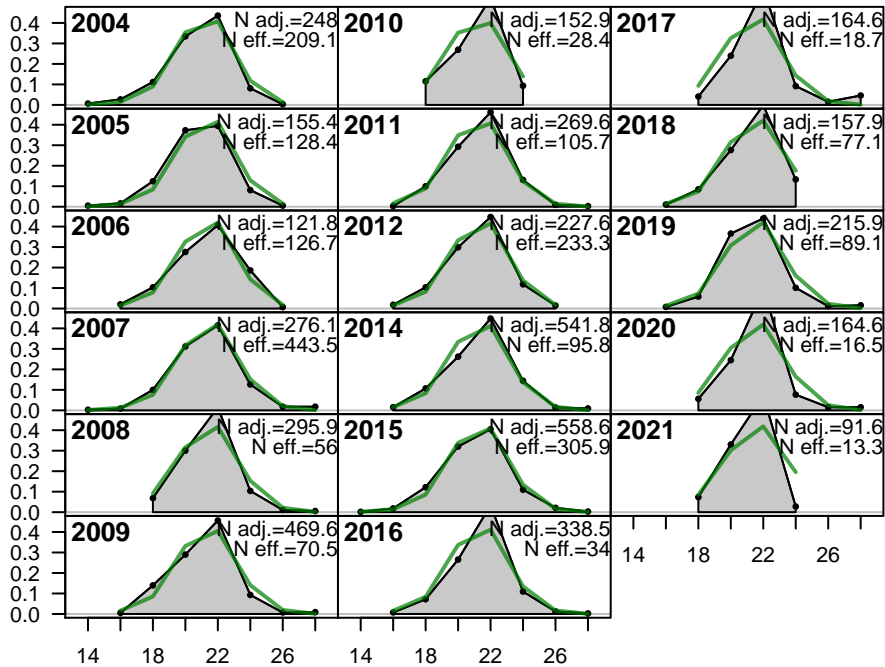
28  
26  
24  
22  
20  
18  
16  
14

2004 2006 2008 2010 2012 2014 2016 2018 2020

Year

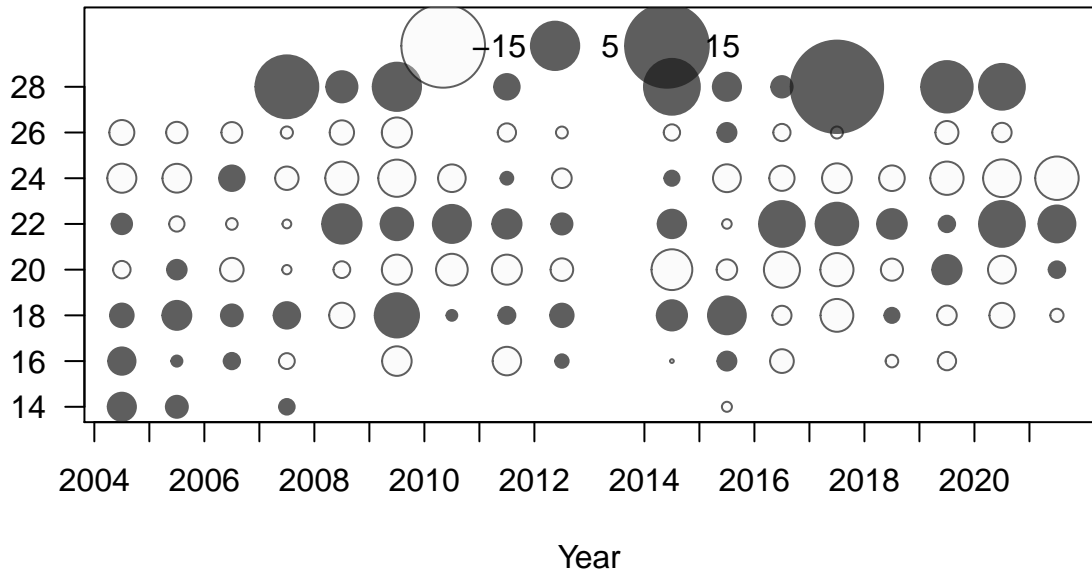


Proportion



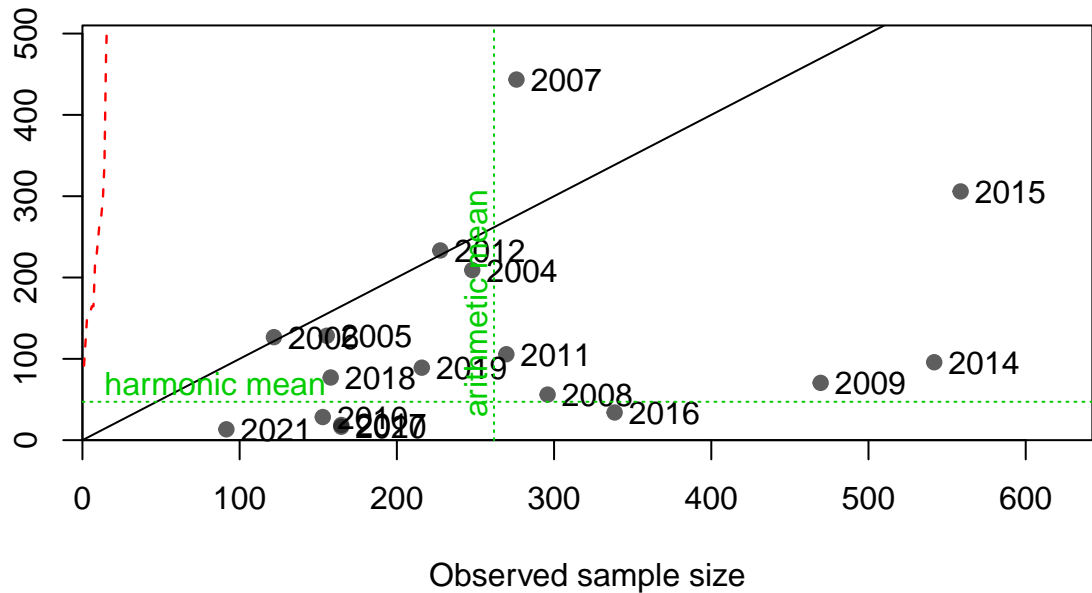
Length (cm)

Length (cm)

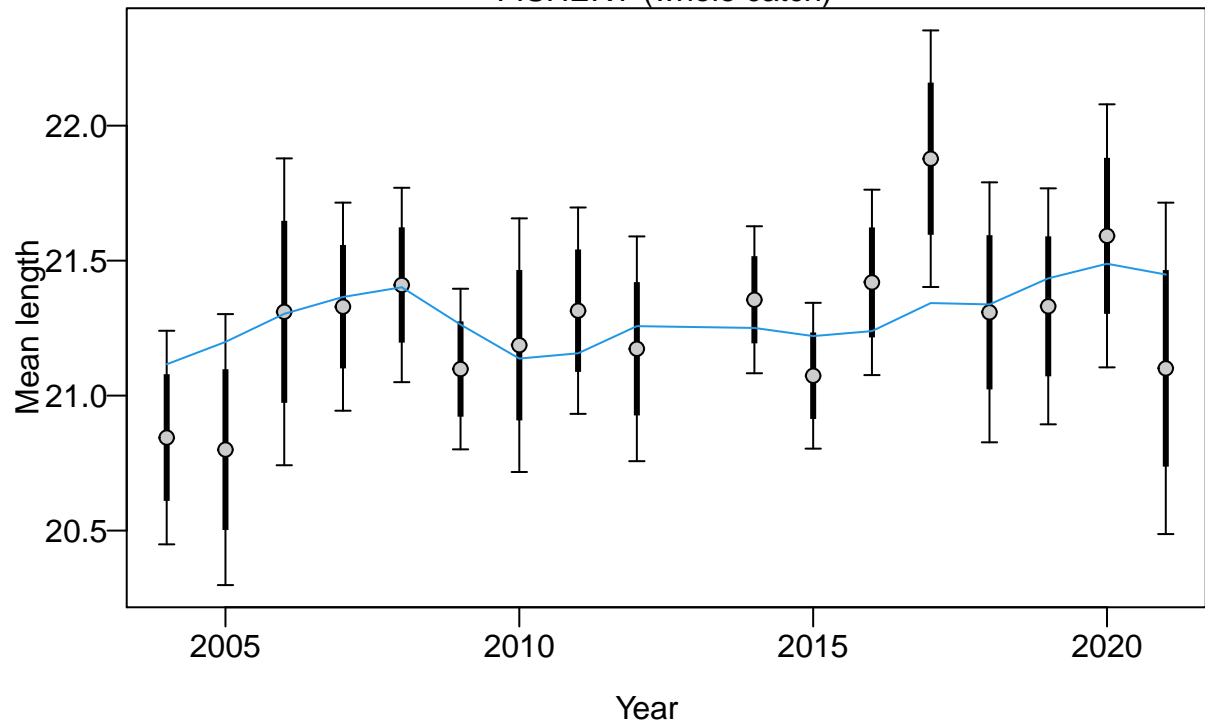


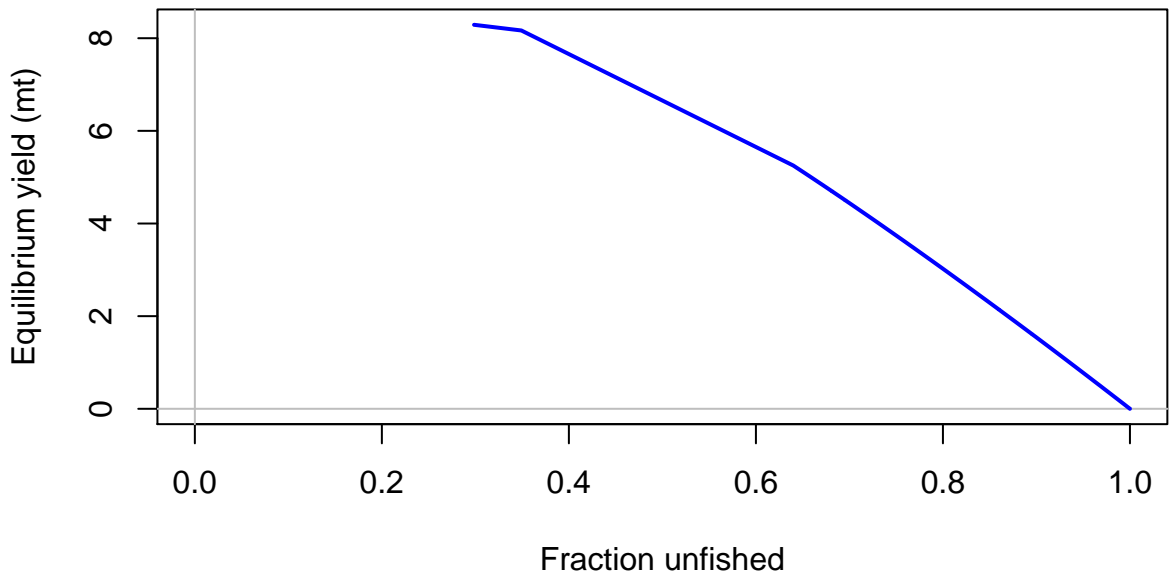


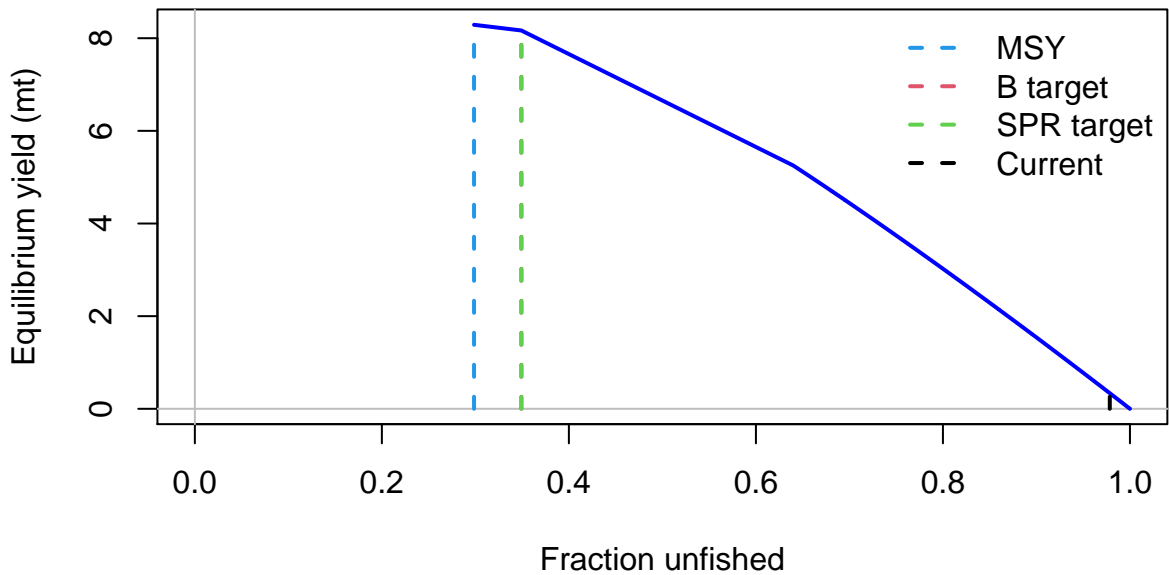
Effective sample size

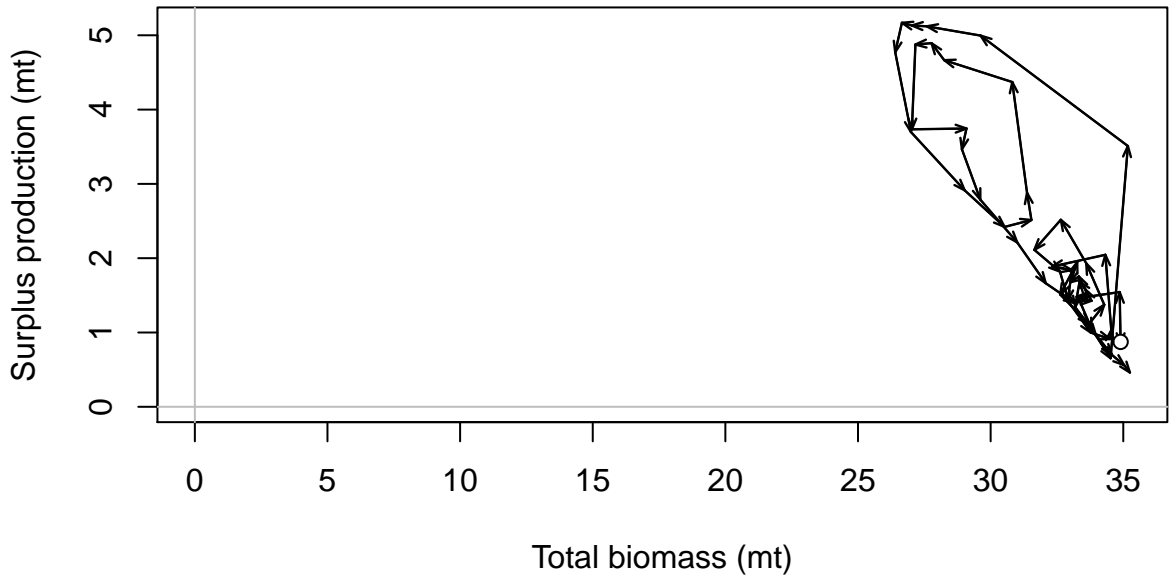


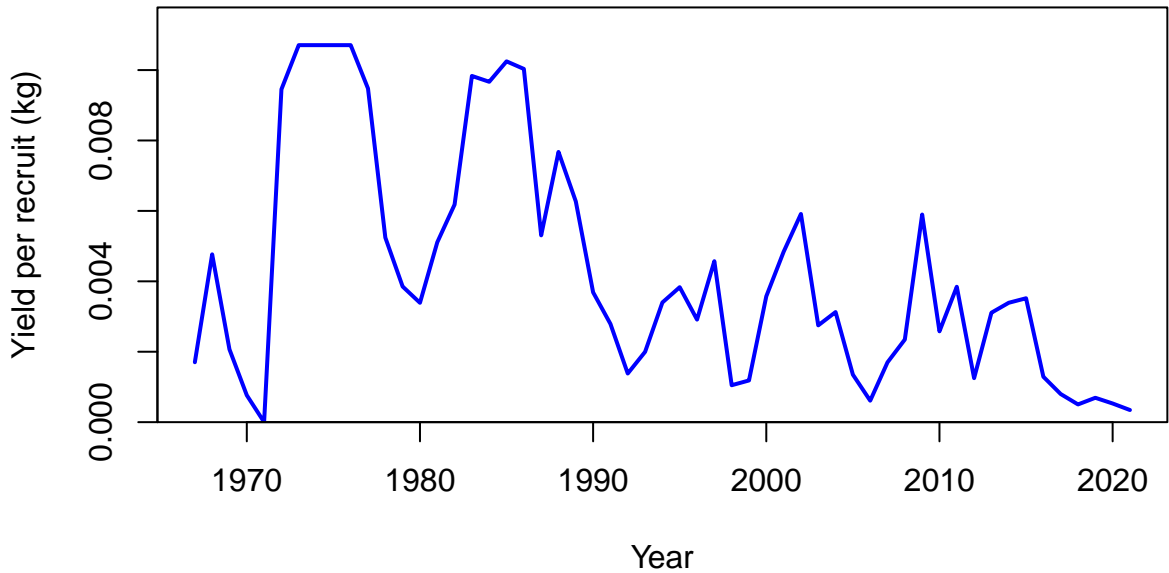
FISHERY (whole catch)

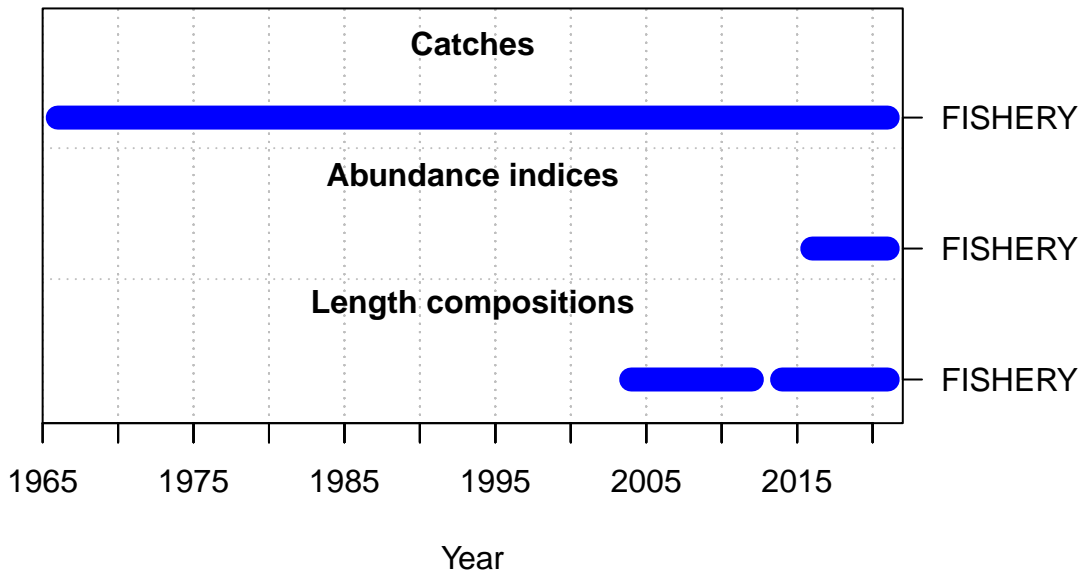


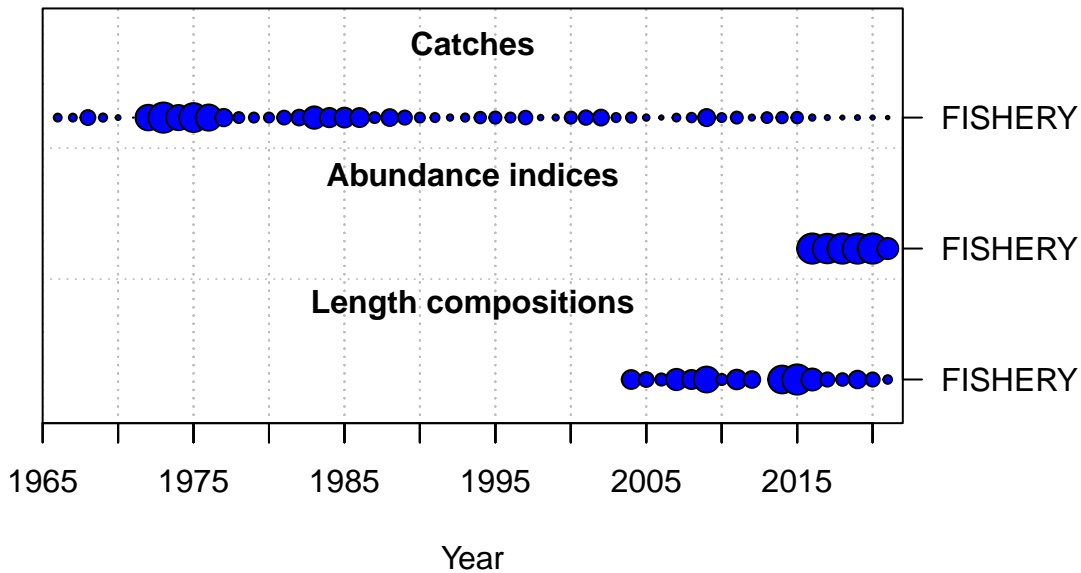






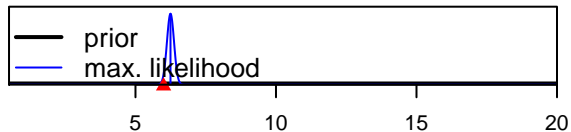




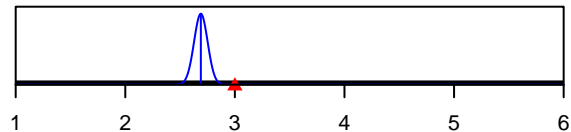




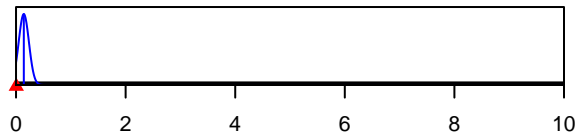
SR\_LN(R0)



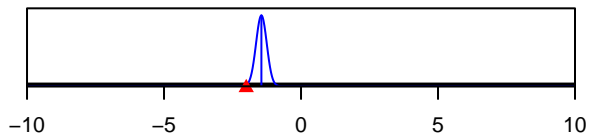
Size\_95%width\_FISHERY(1)



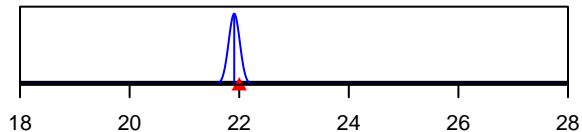
InitF\_seas\_1\_flt\_1FISHERY



LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Parameter value