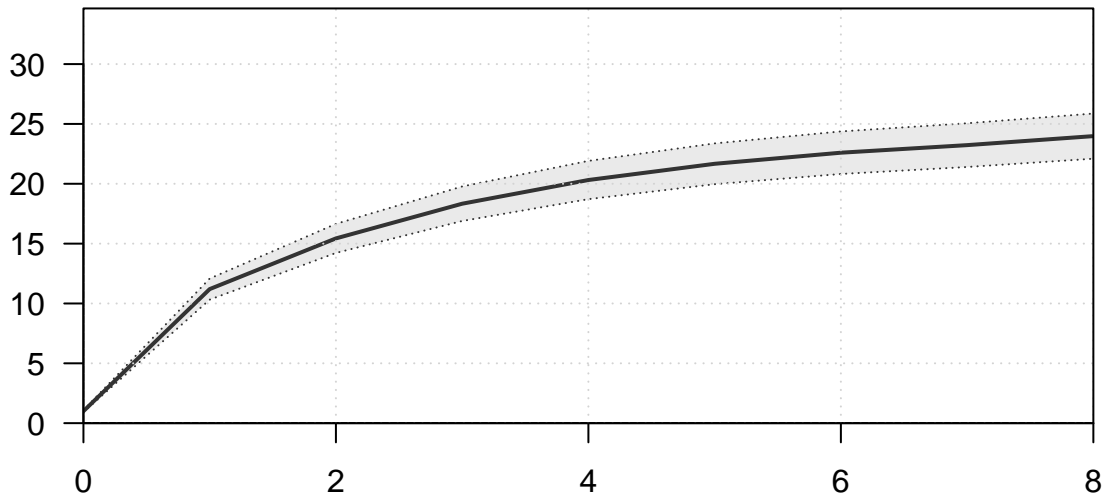


Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Sun Feb 19 15:49:06 2023  
Data\_File: data.ss  
Control\_File: control.ss

Length (cm, beginning of the year)



Age (yr)













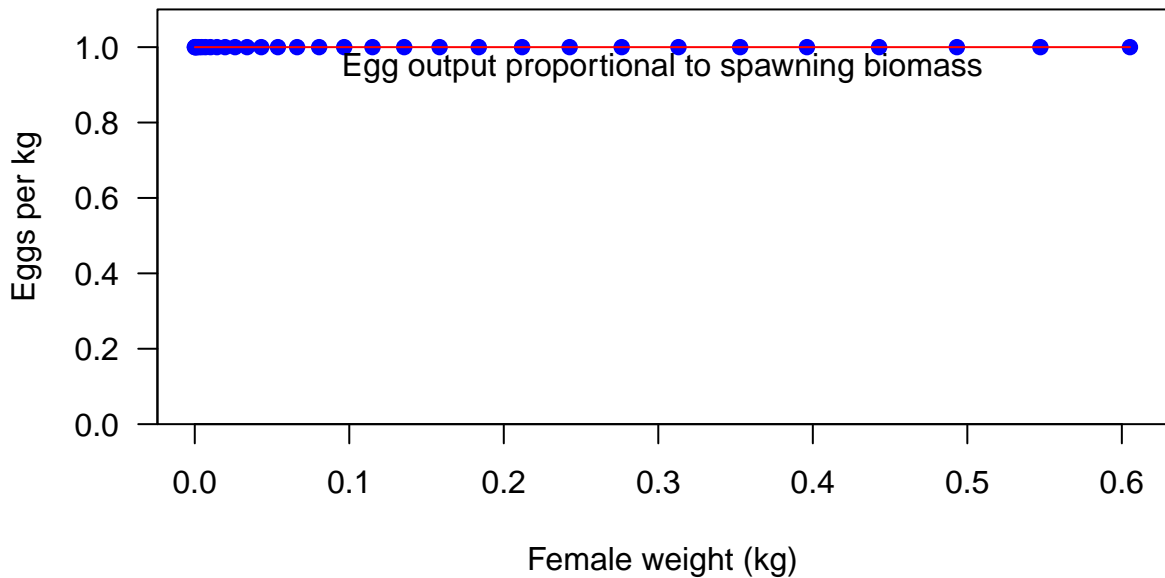






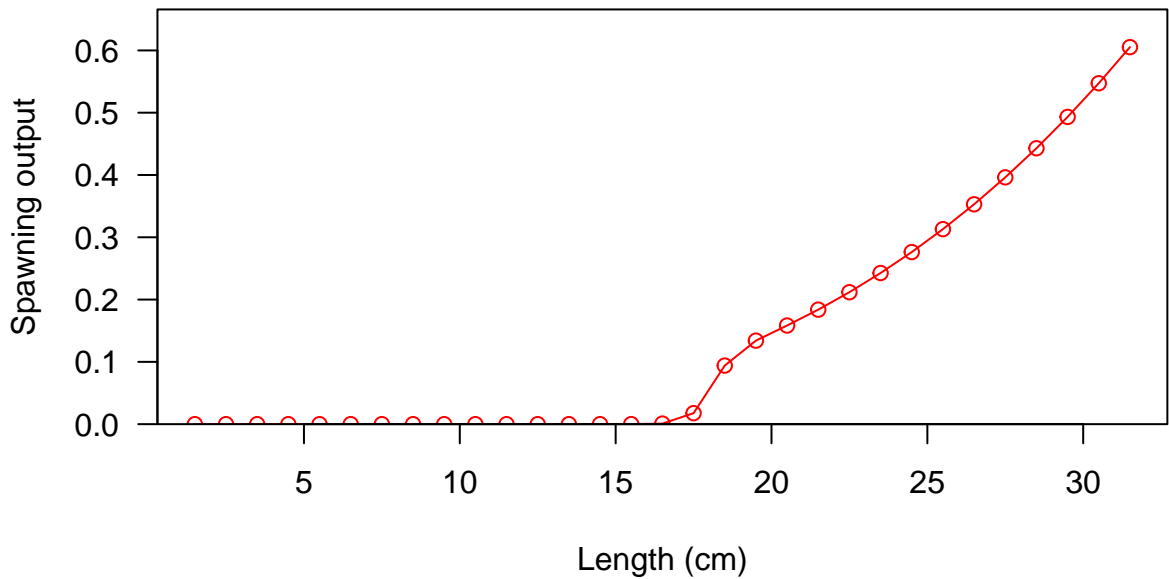








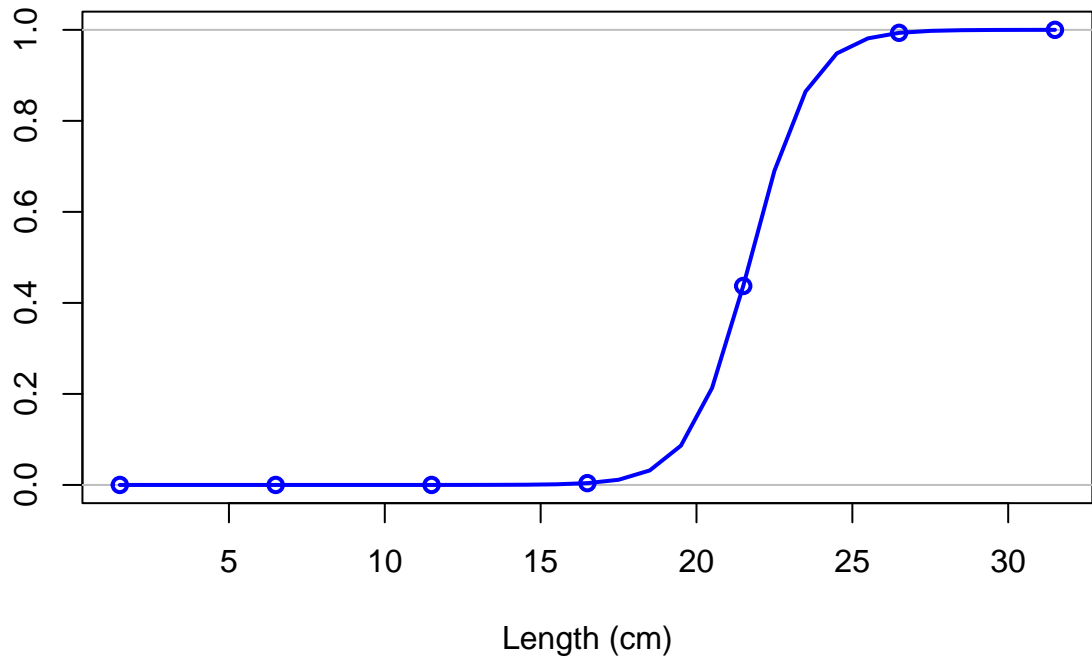




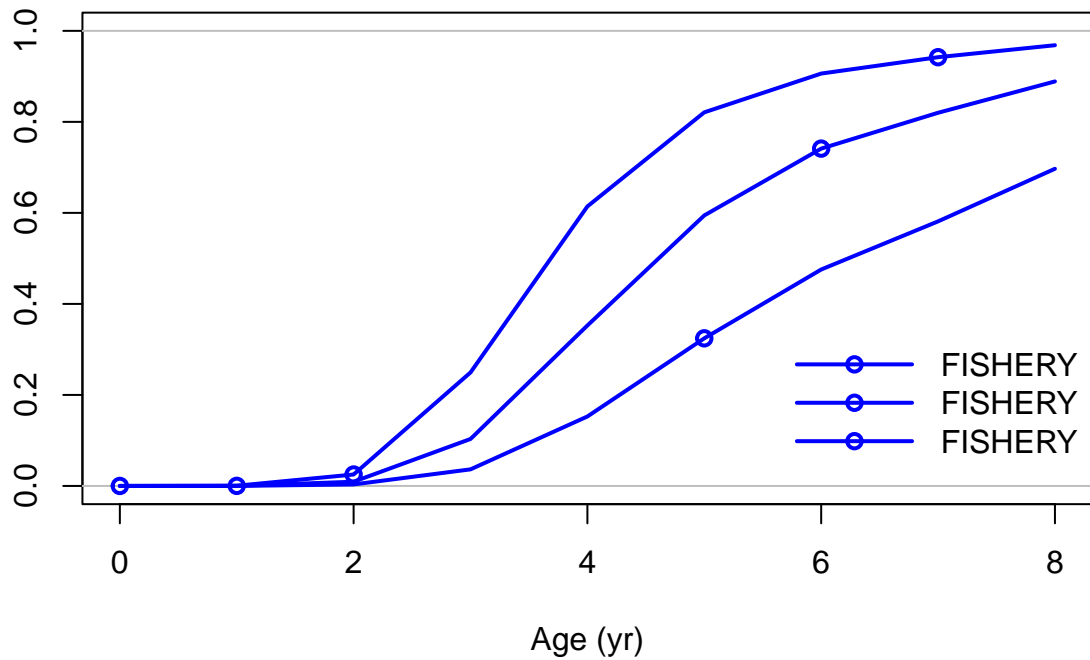




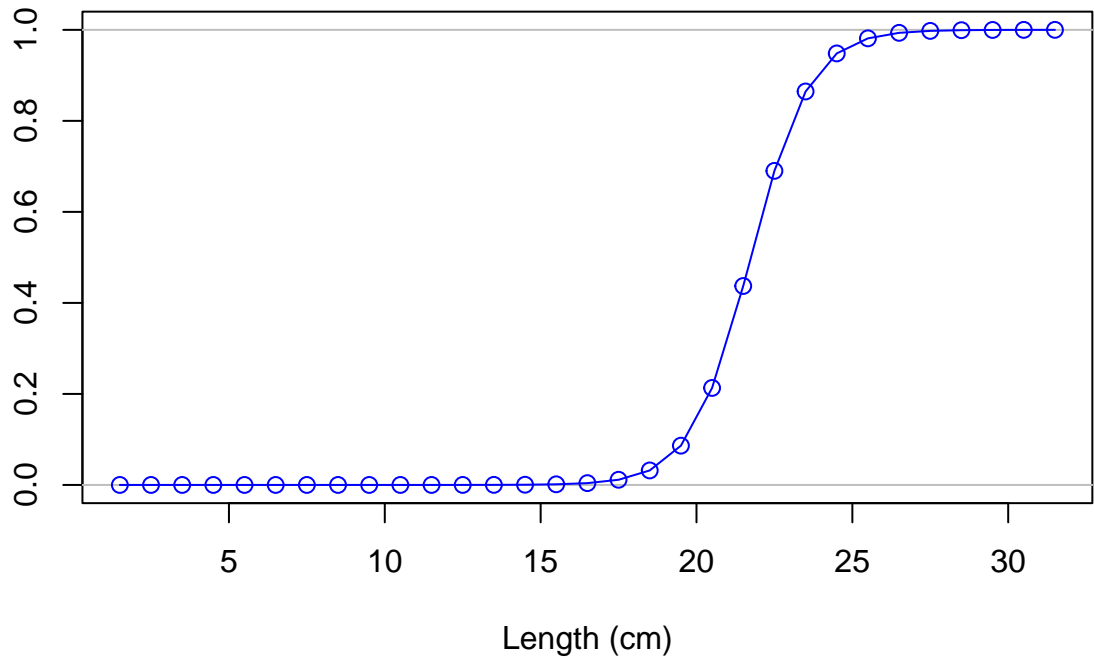
Selectivity

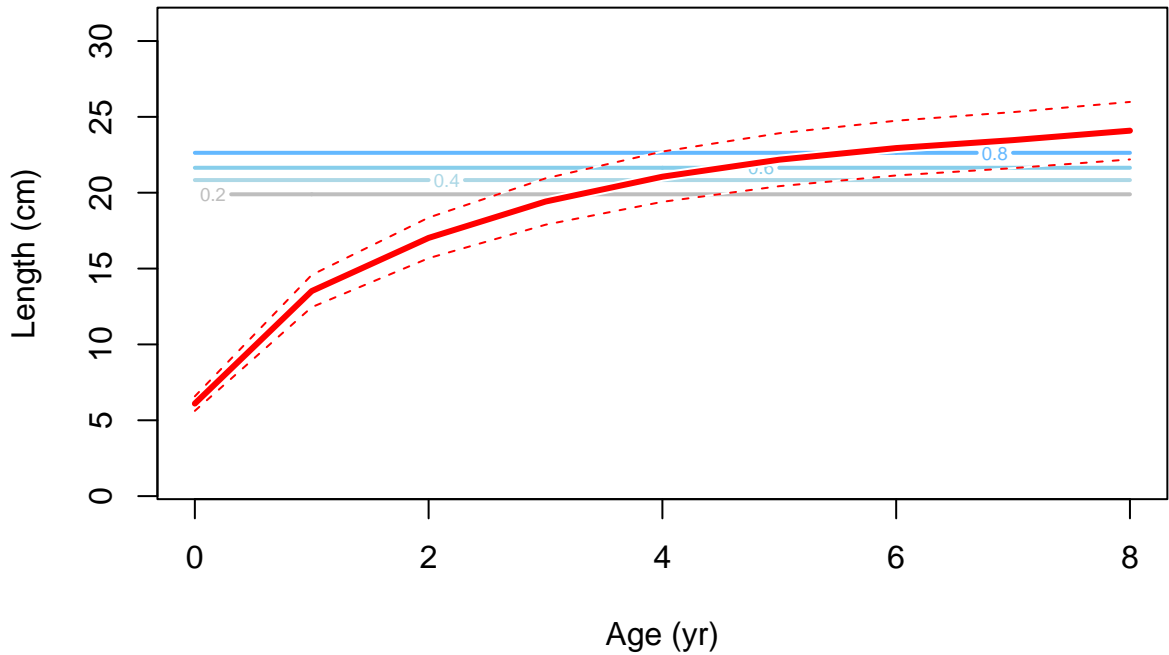


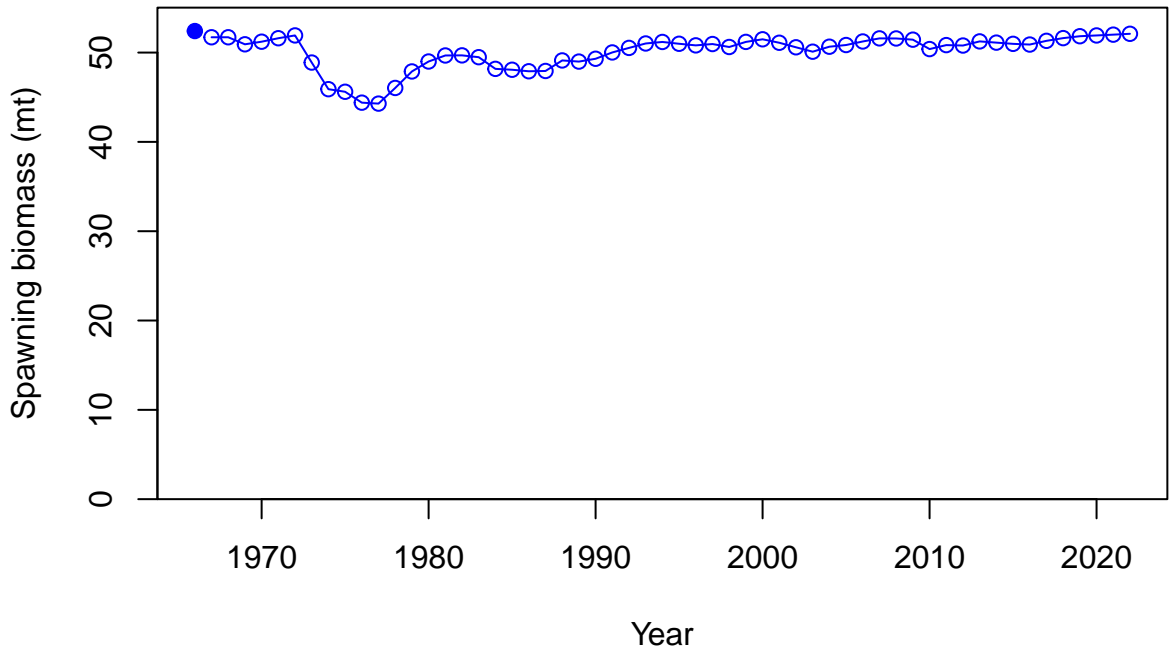
Selectivity

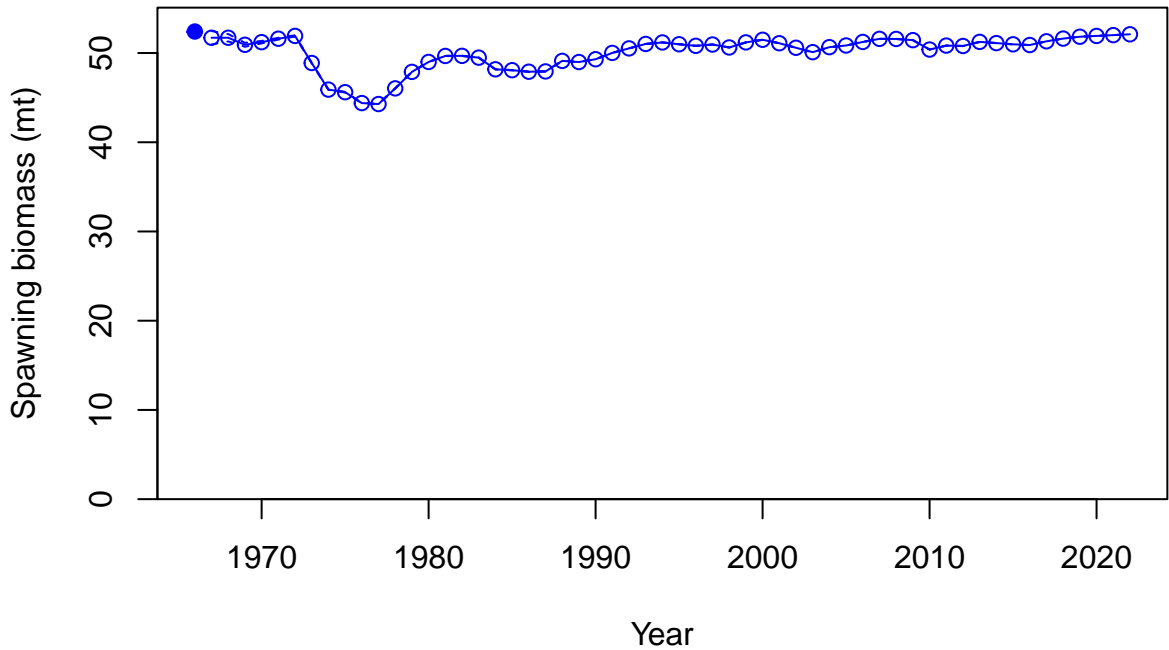


Selectivity

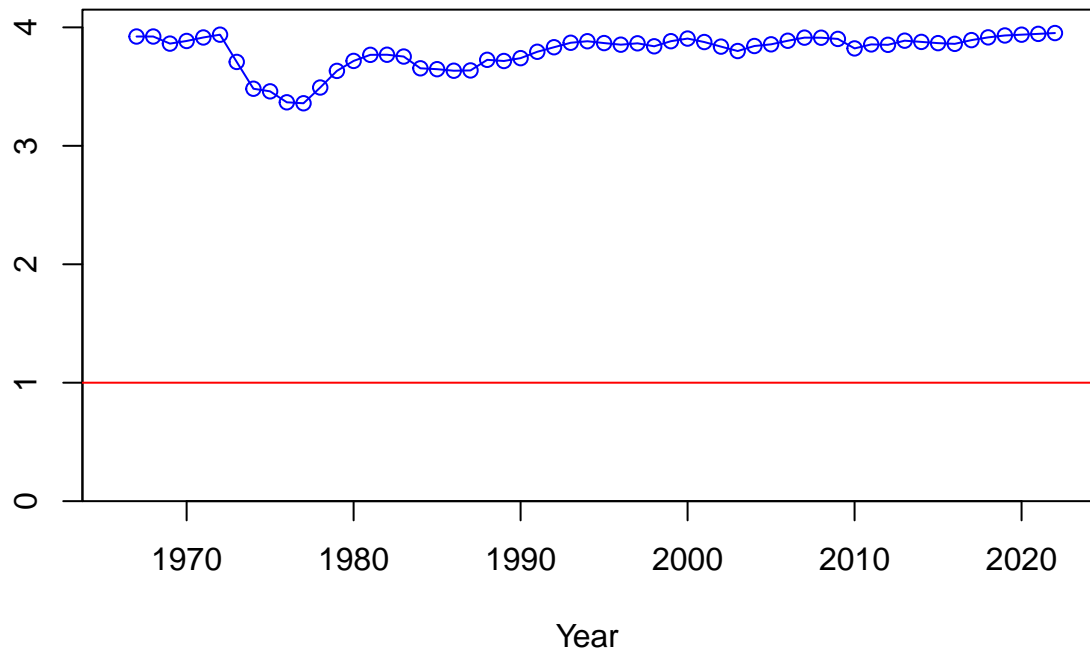






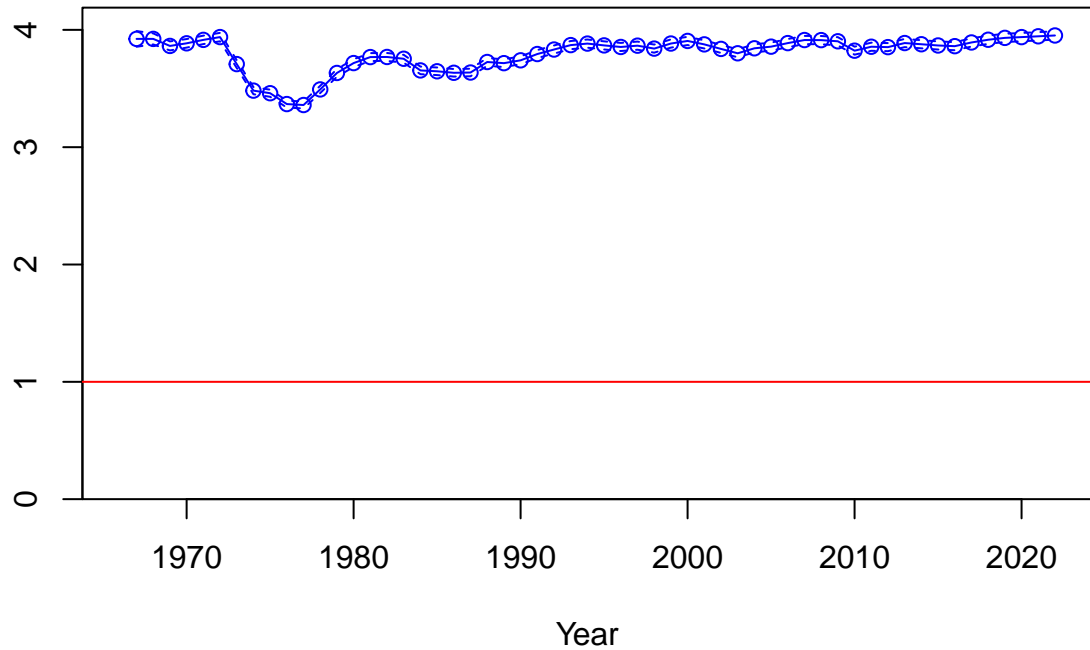


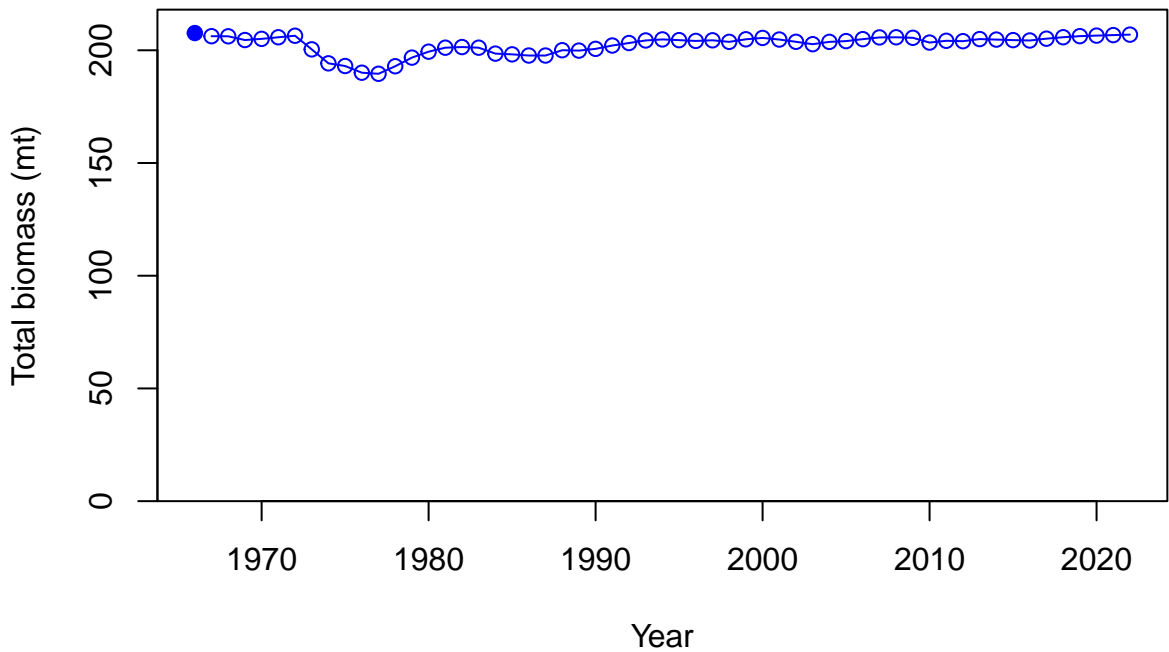
Relative spawning biomass: B/B\_MSY



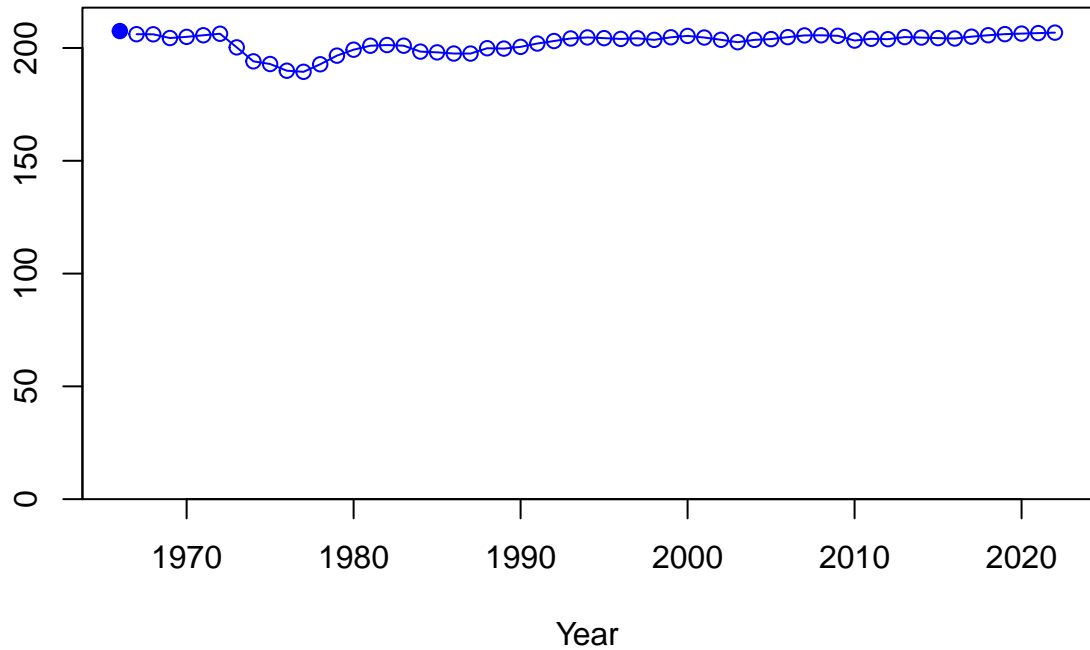


Relative spawning biomass: B/B\_MSY

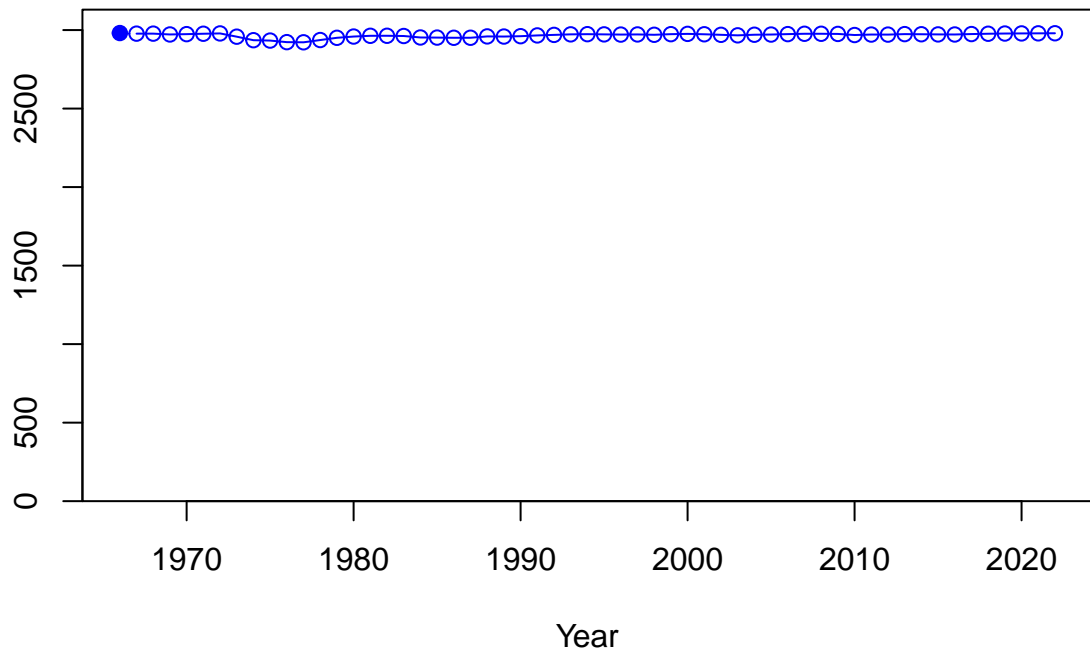




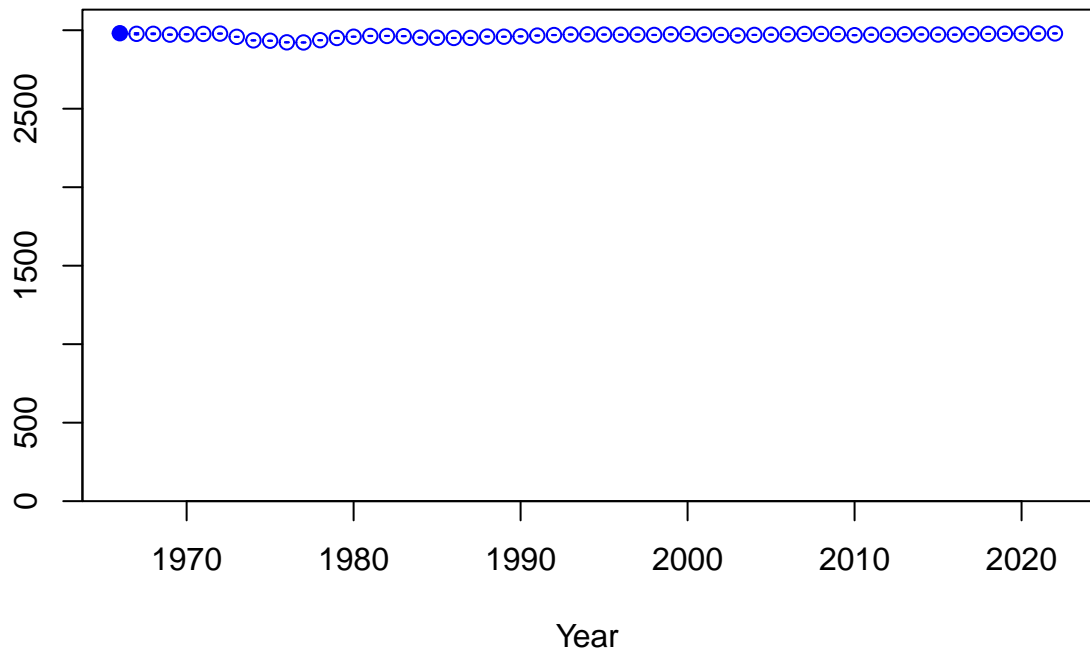
Summary biomass (mt)



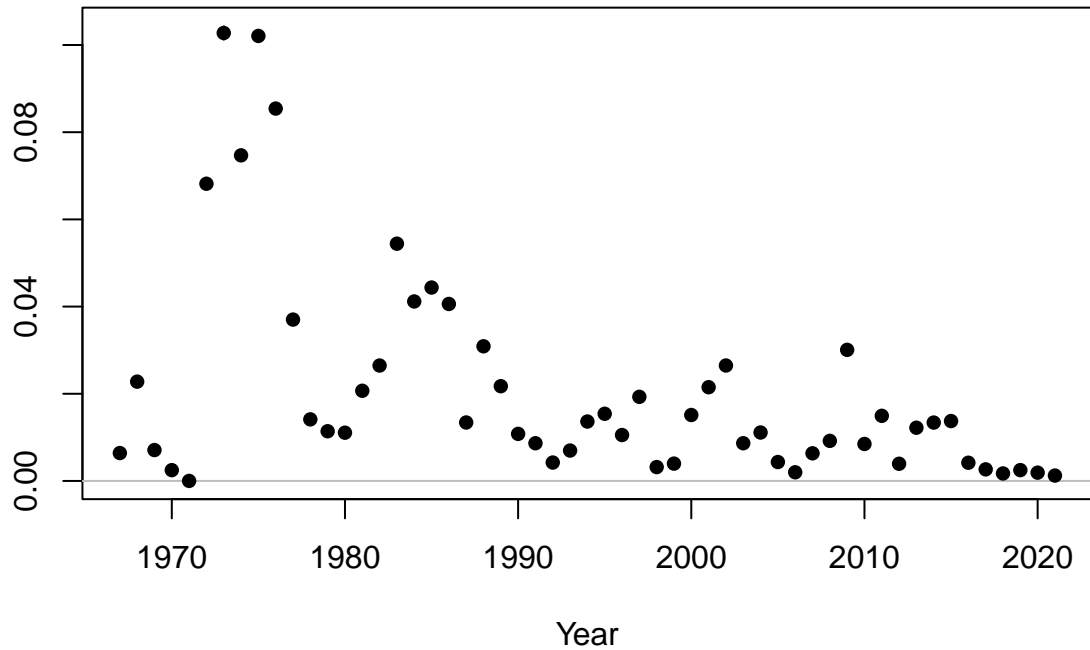
Age-0 recruits (1,000s)

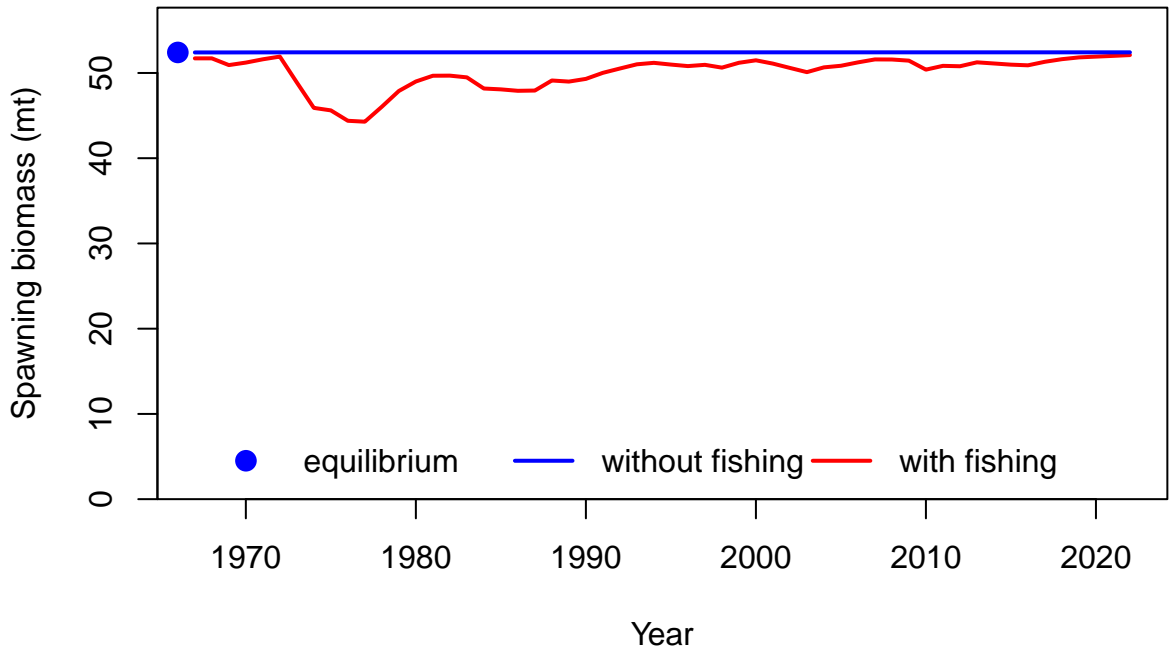


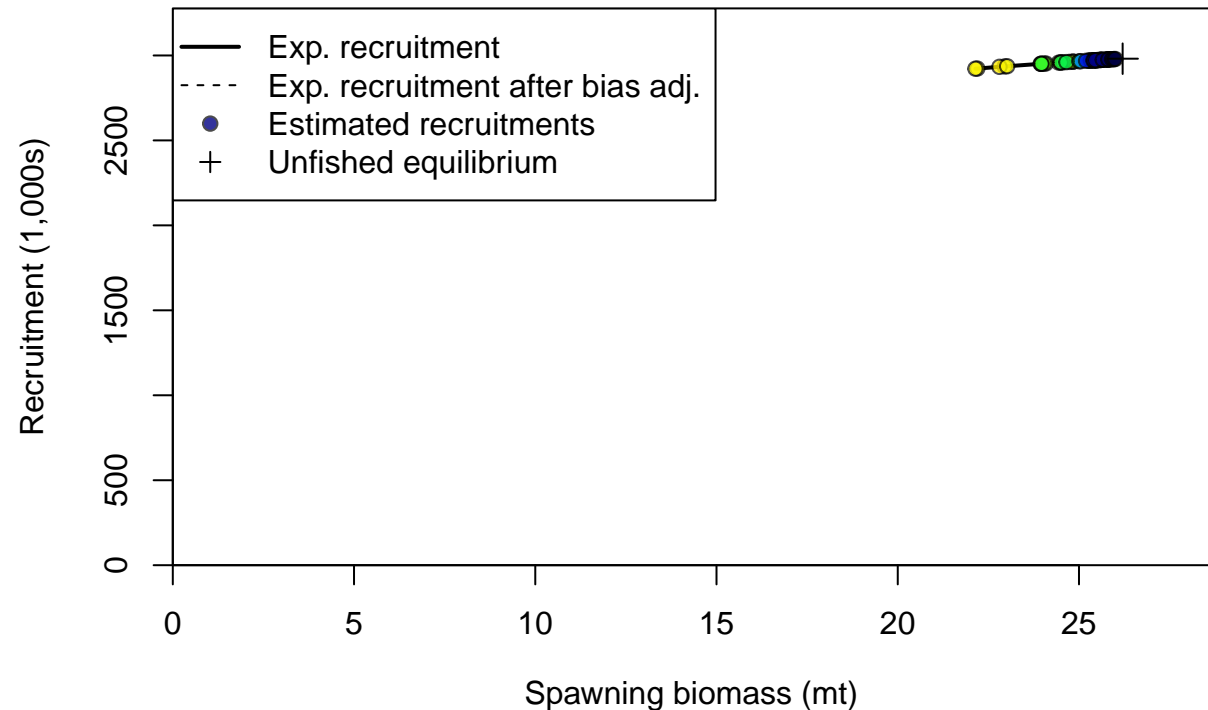
Age-0 recruits (1,000s)



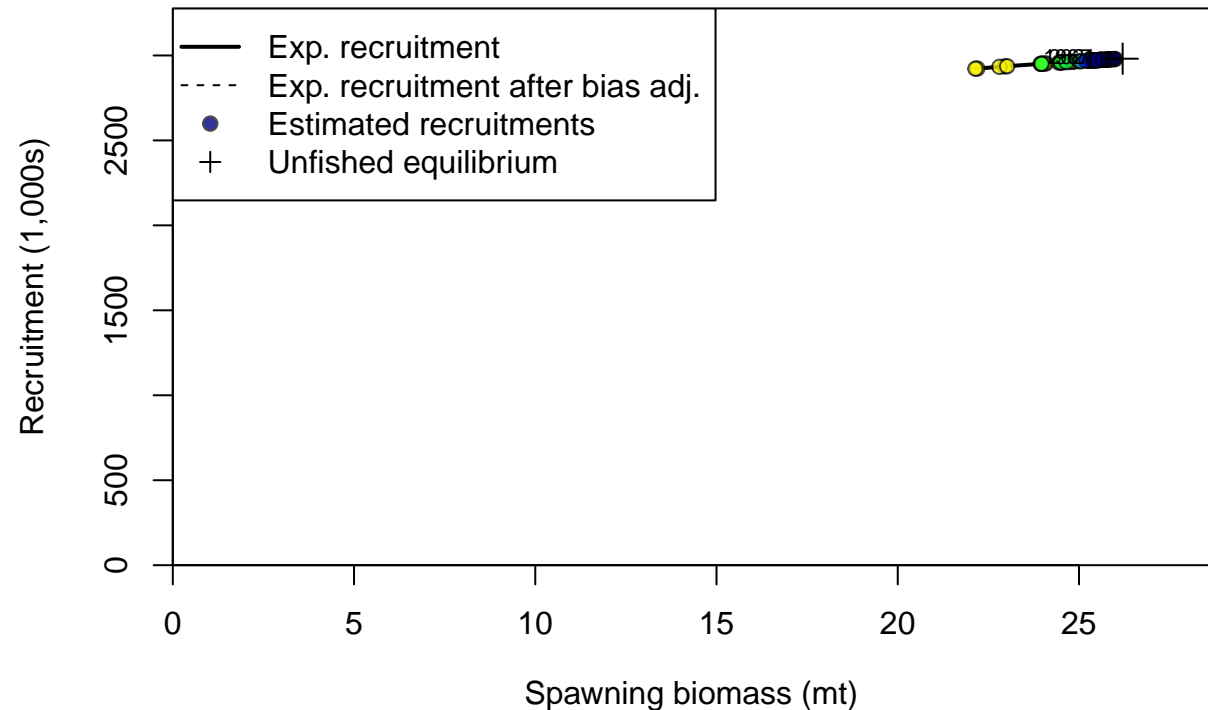
Summary Fishing Mortality

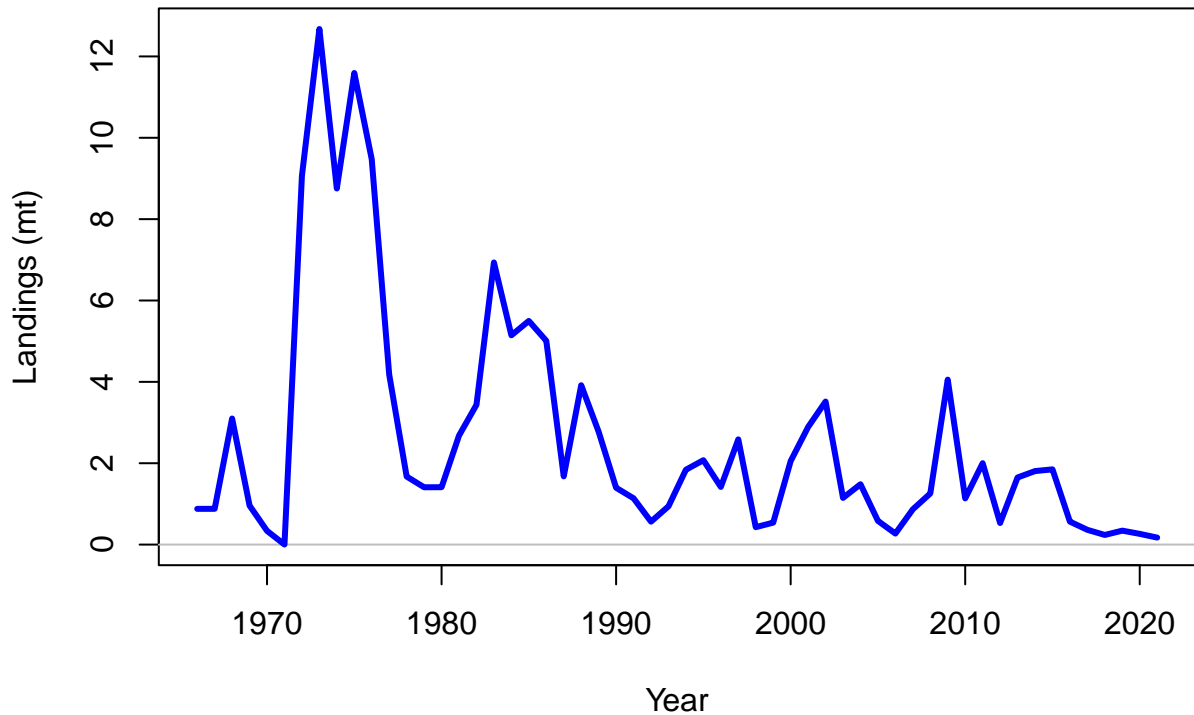


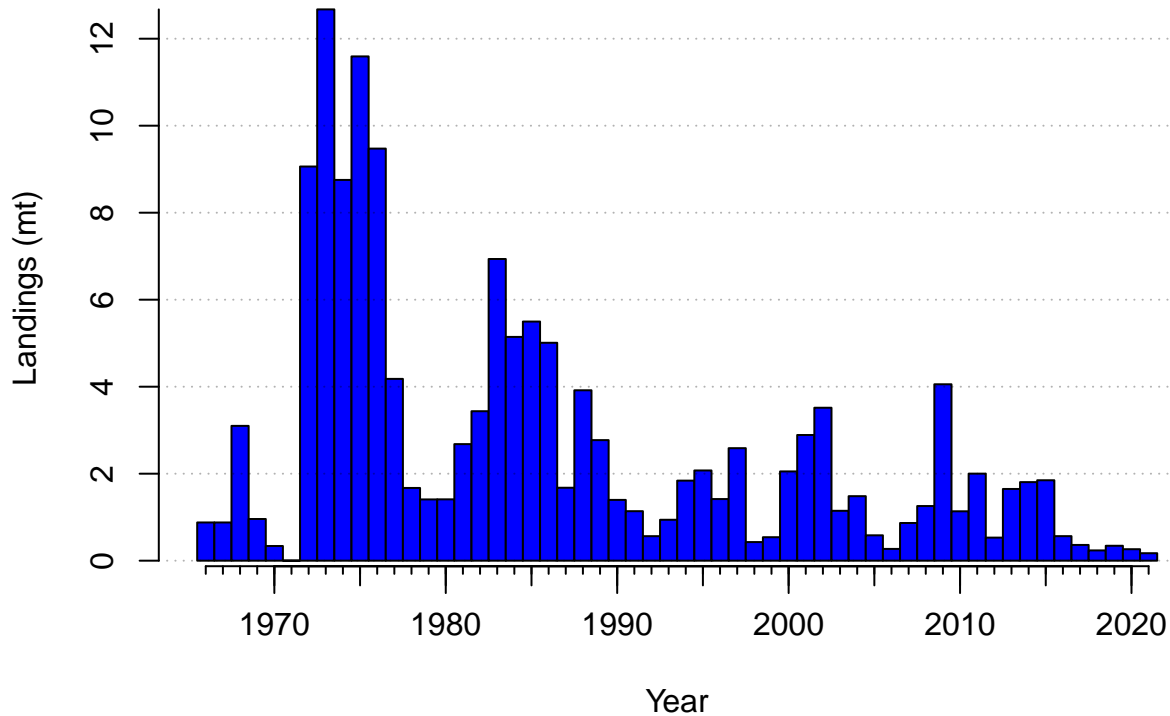




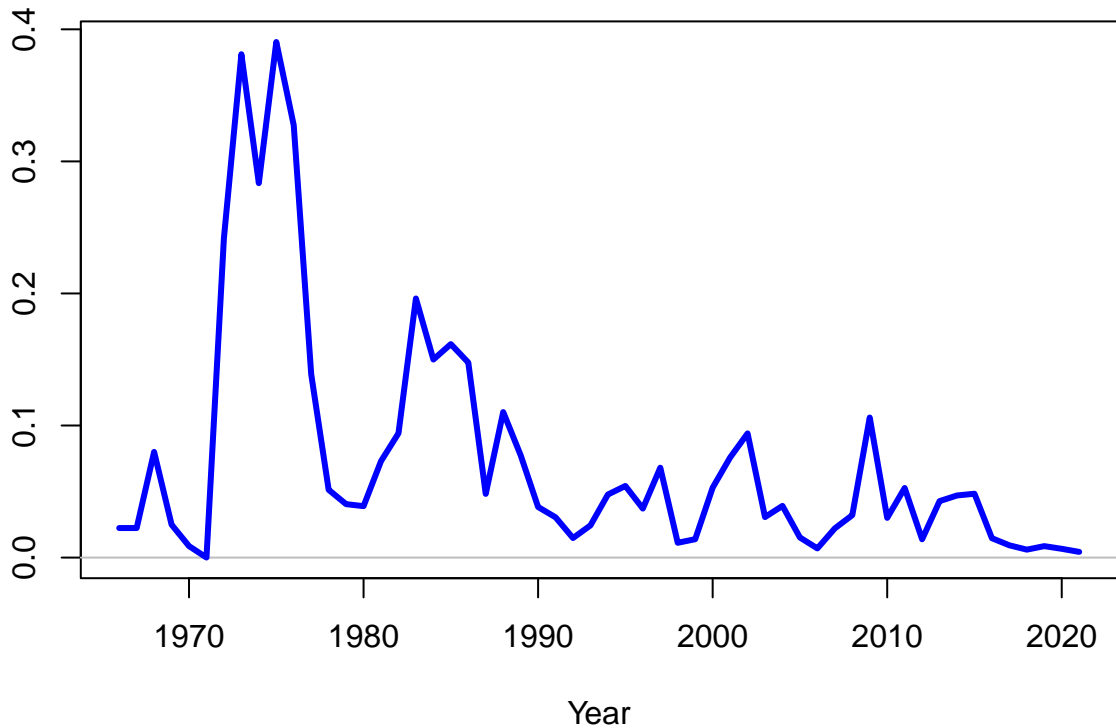




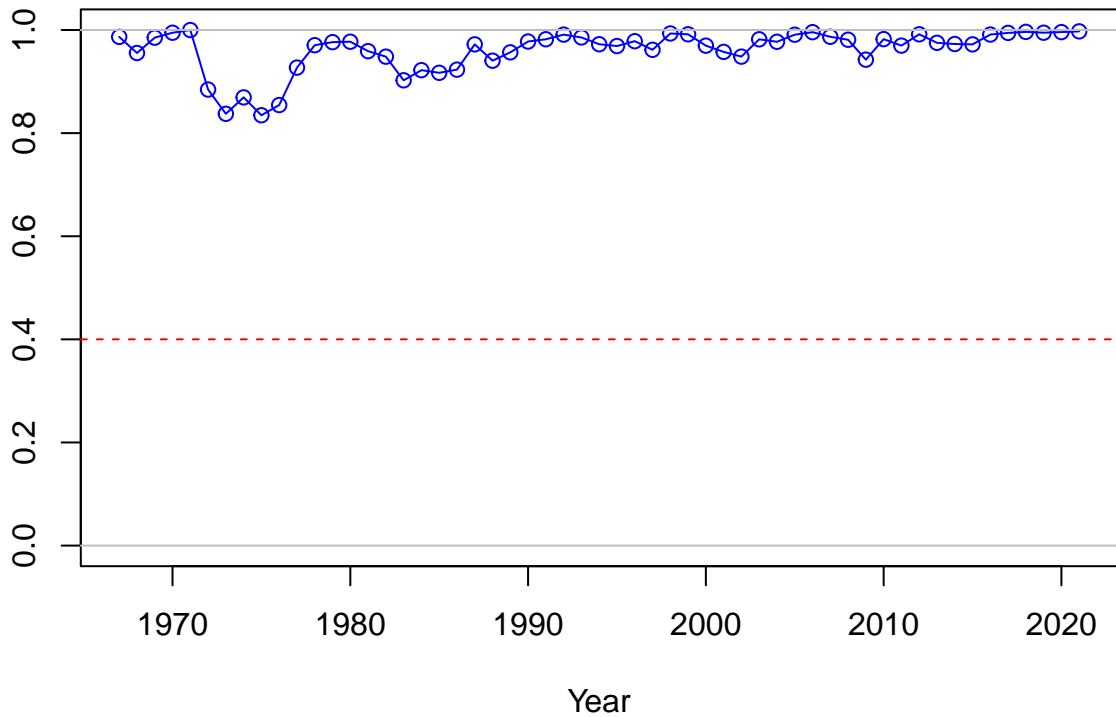




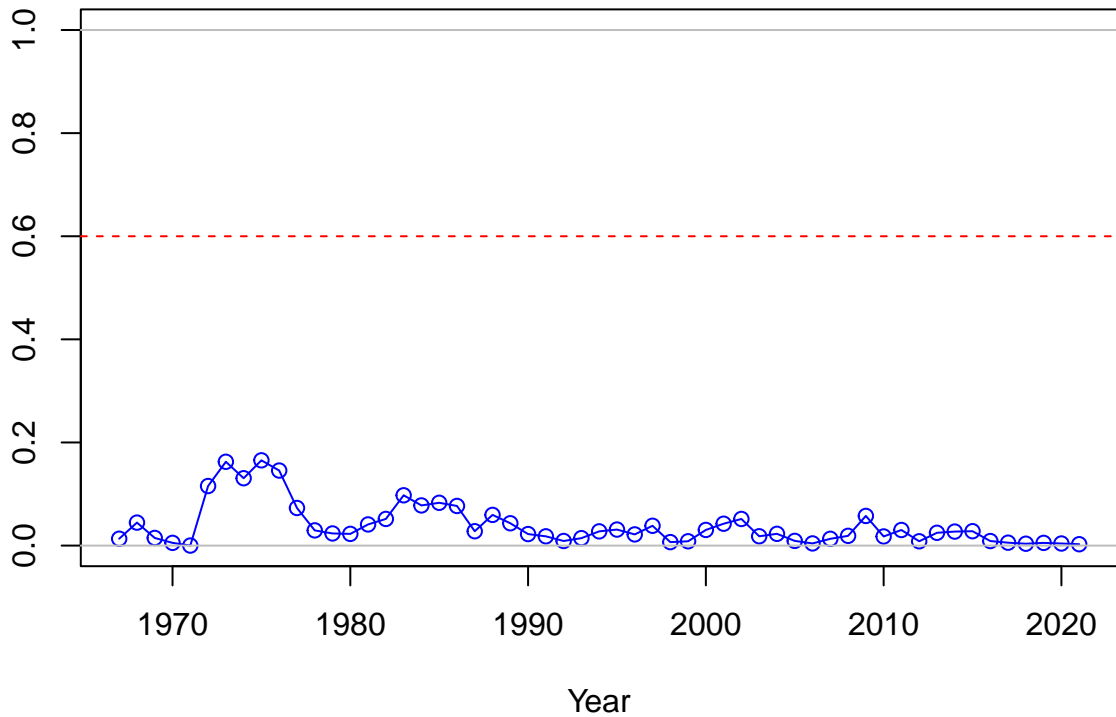
Continuous F



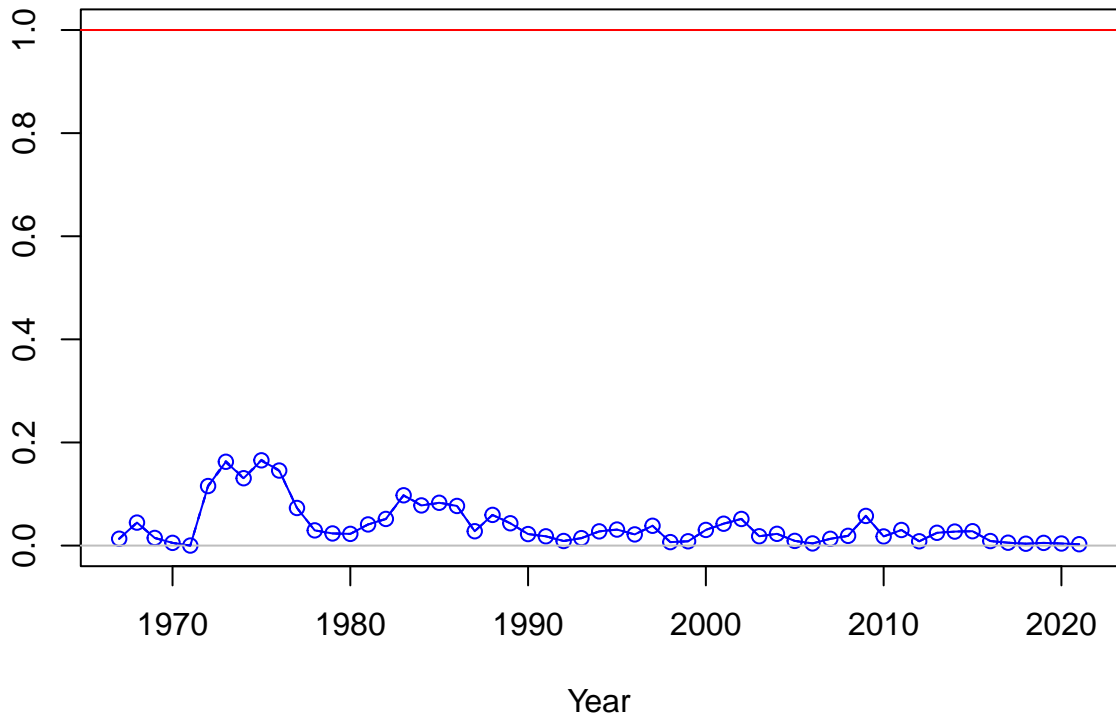
SPR



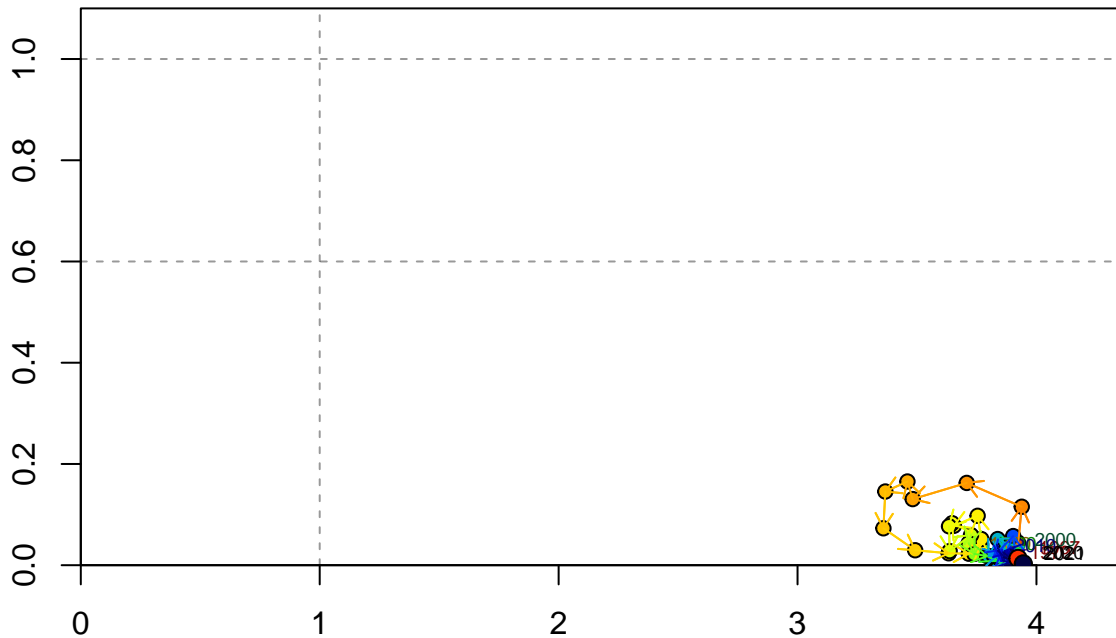
1-SPR



Fishing intensity: 1-SPR

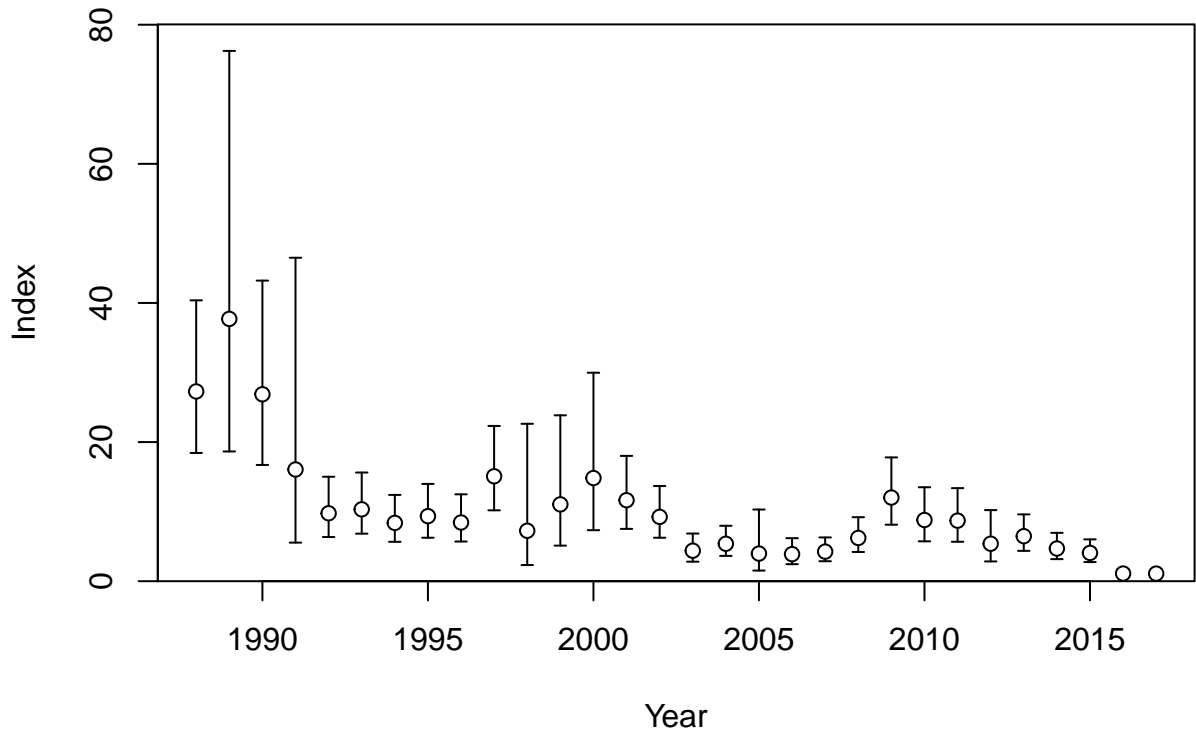


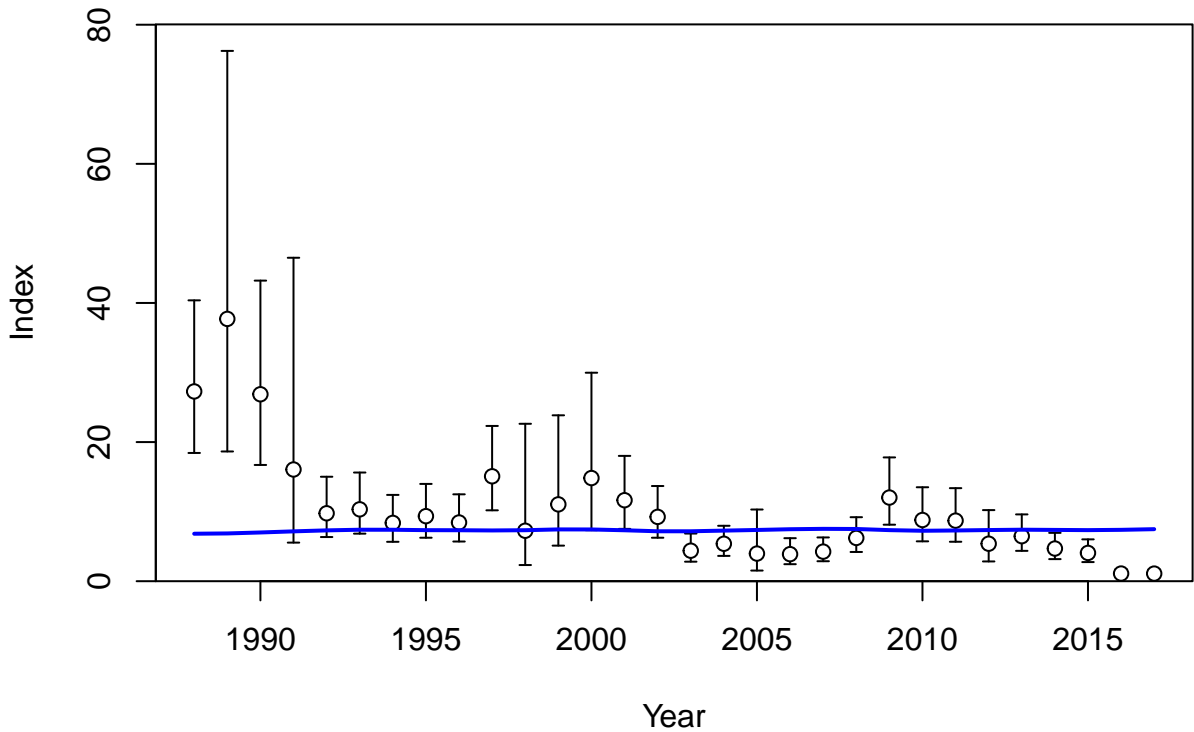
Fishing intensity: 1-SPR

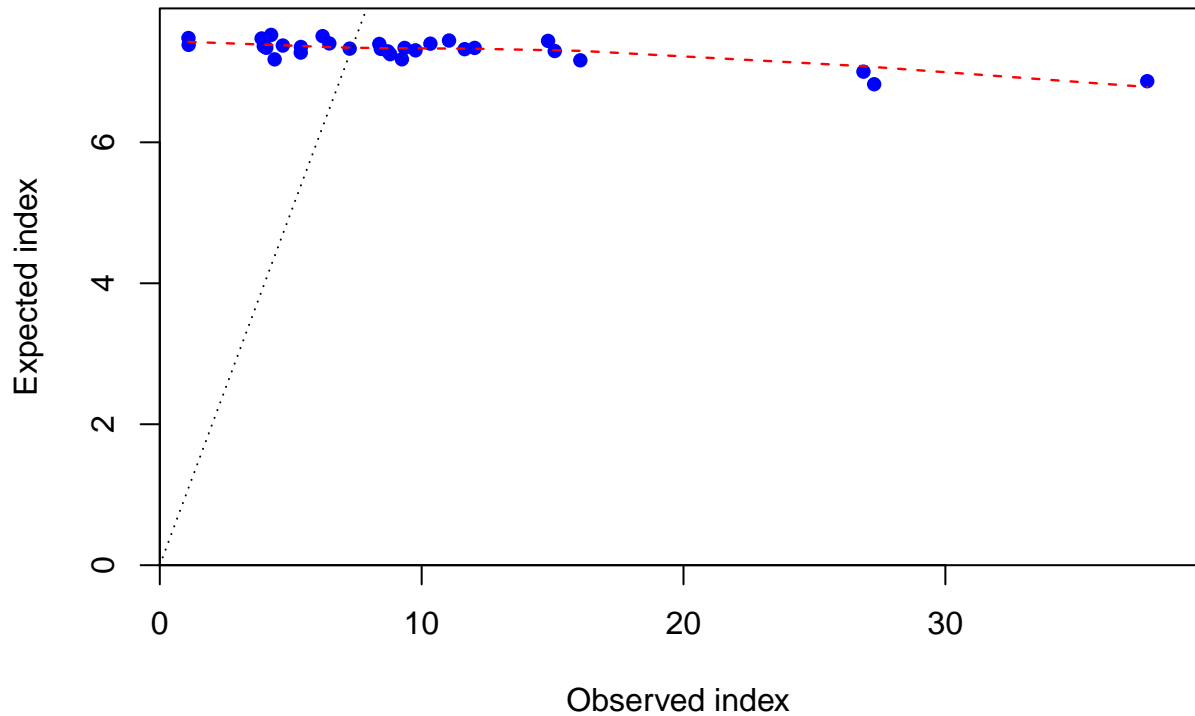


Relative spawning output:  $B/B_{MSY}$









Log index

4  
3  
2  
1  
0

1990

1995

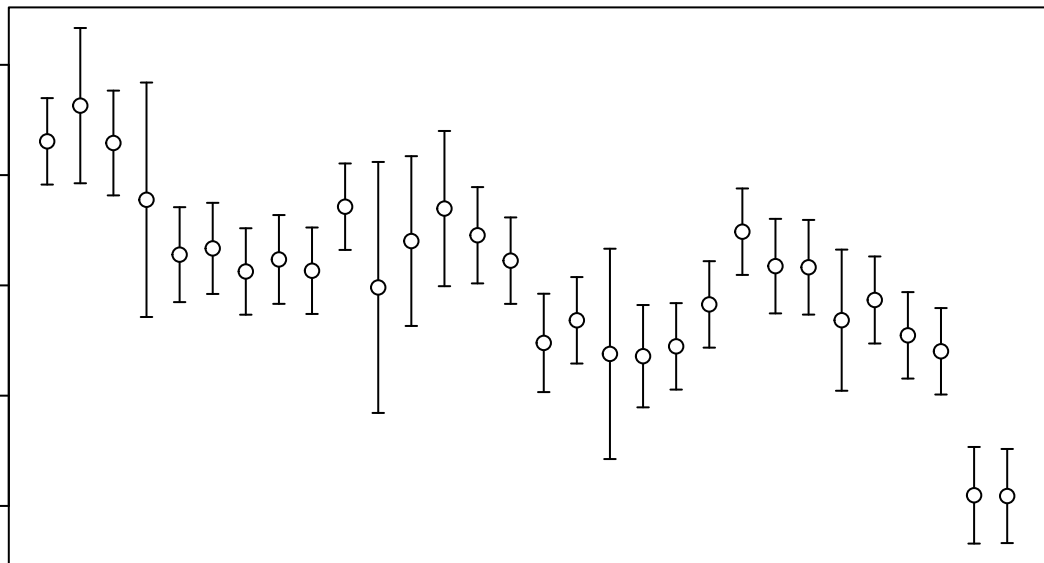
2000

2005

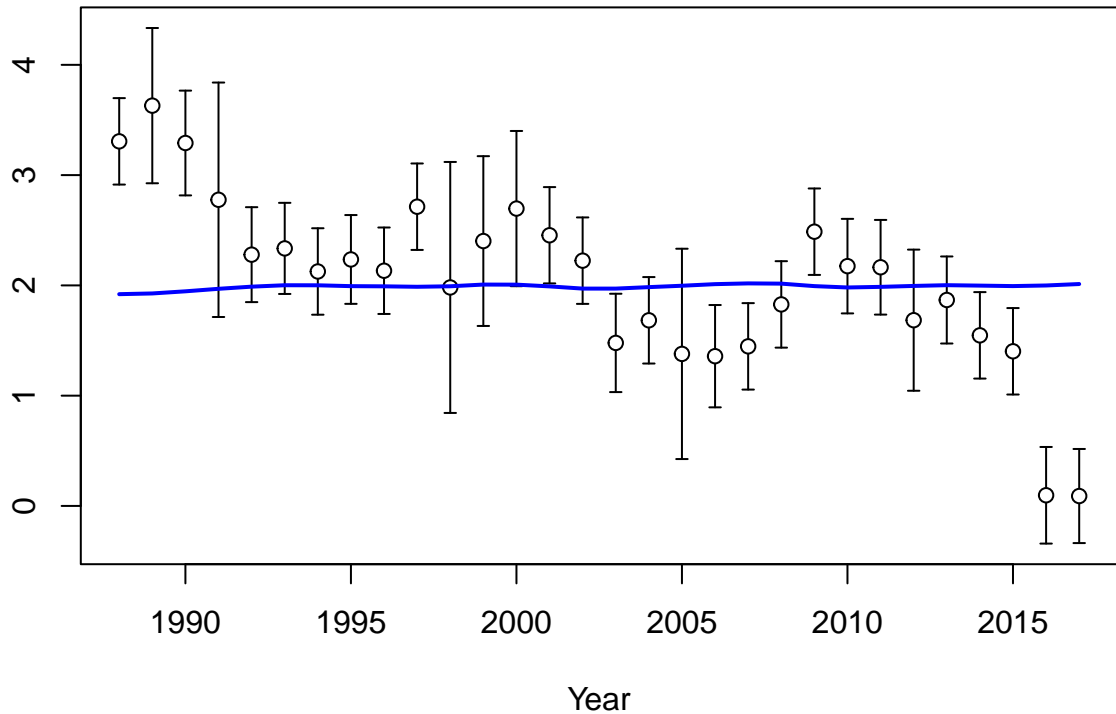
2010

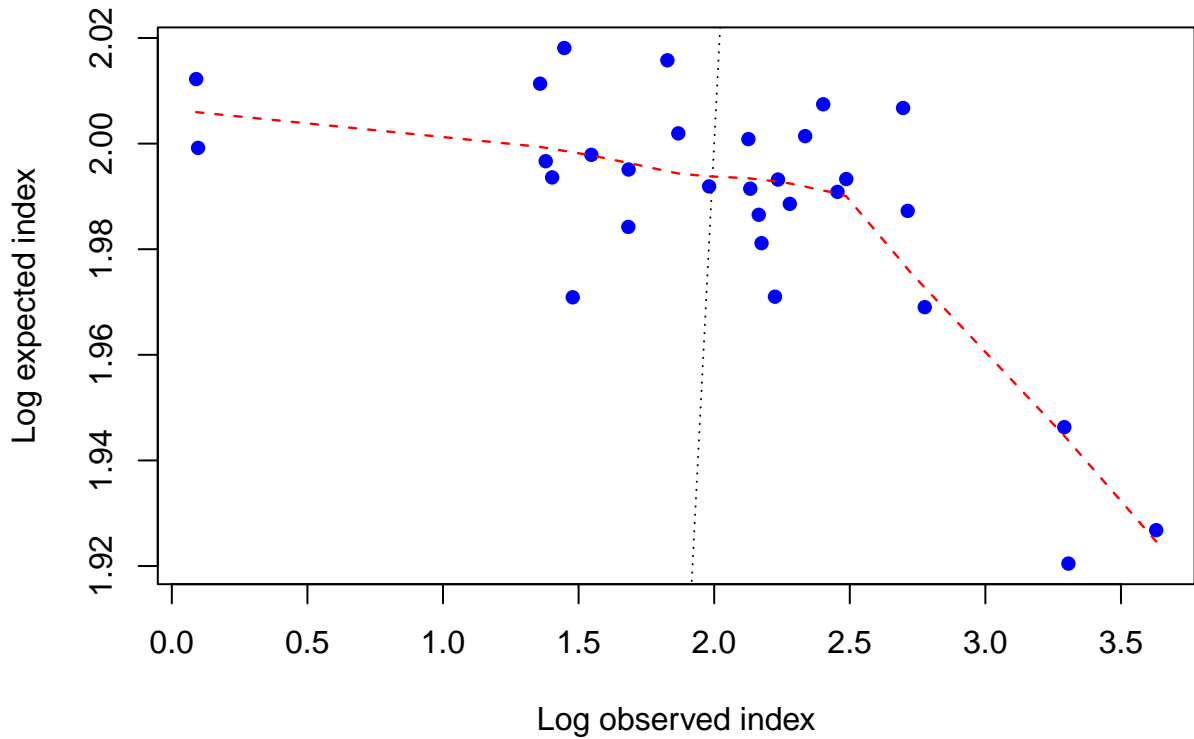
2015

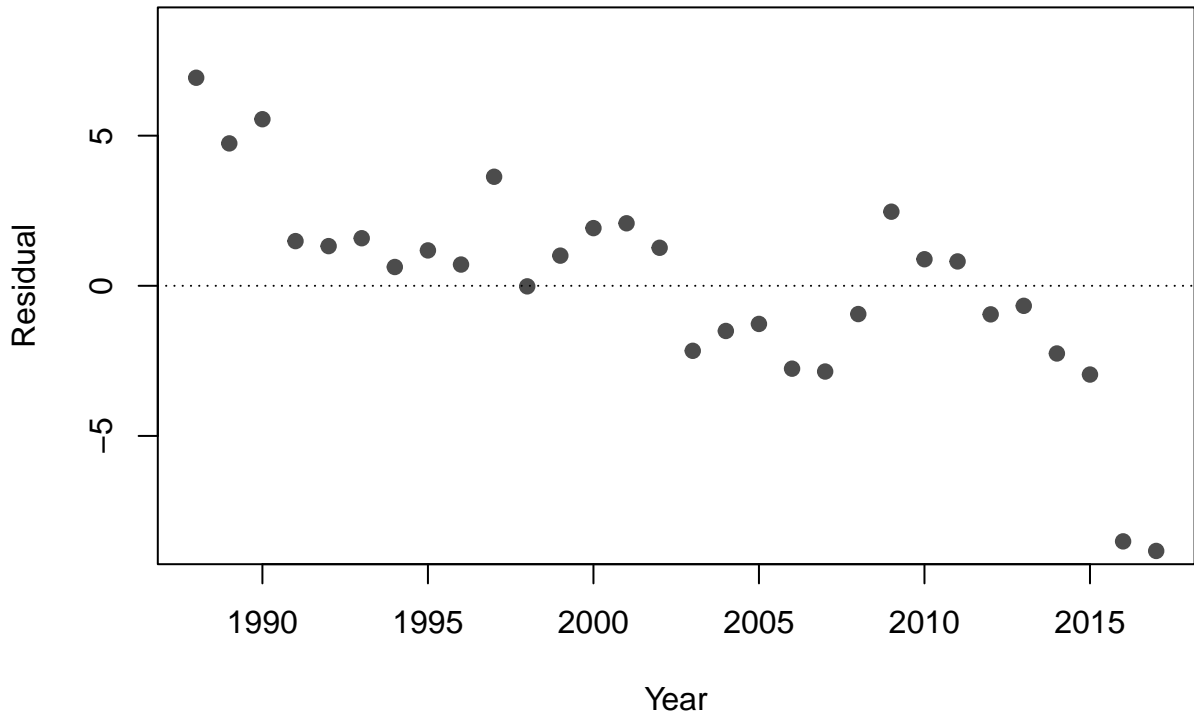
Year



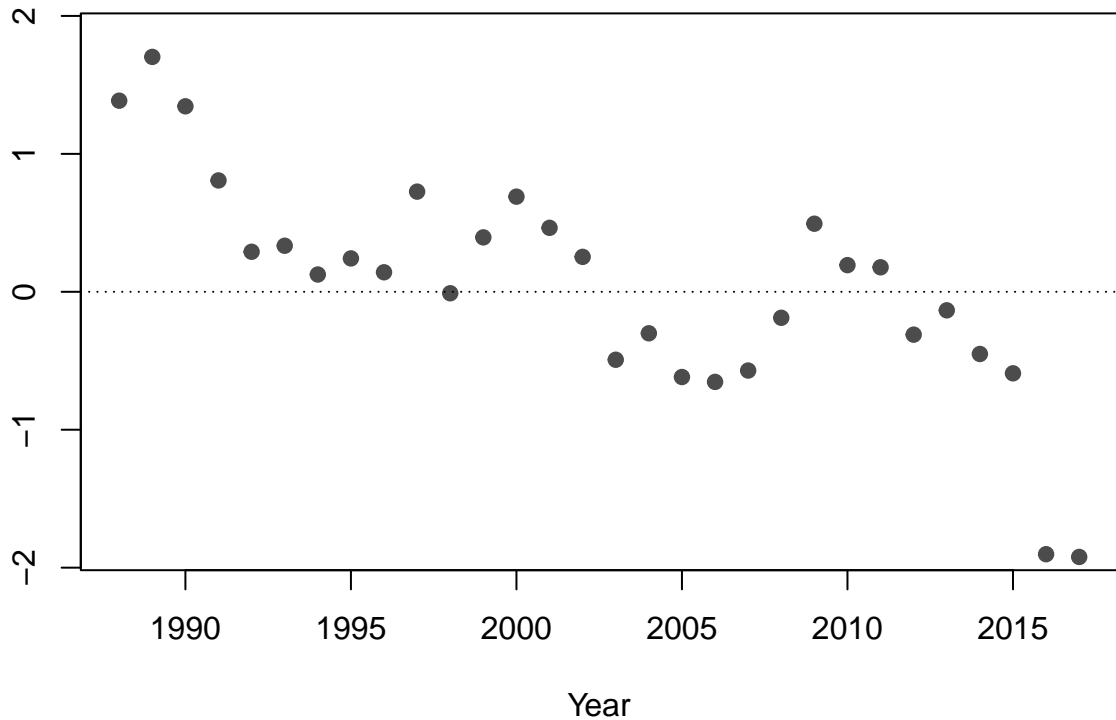
Log index



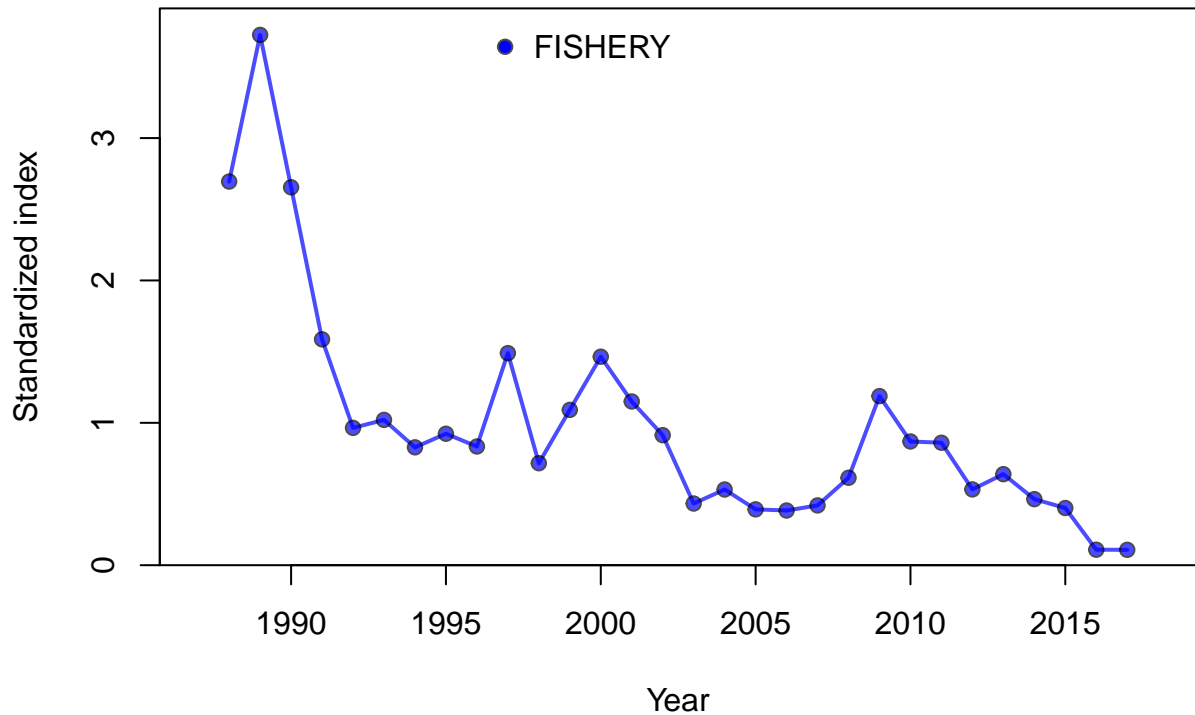




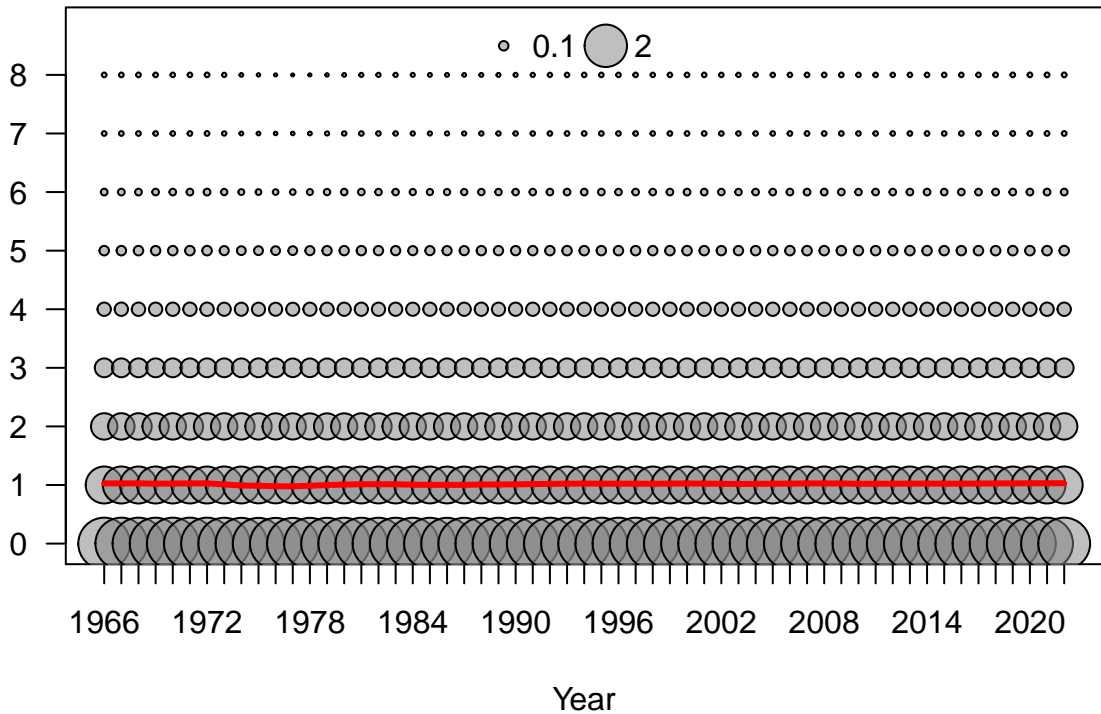
Deviation



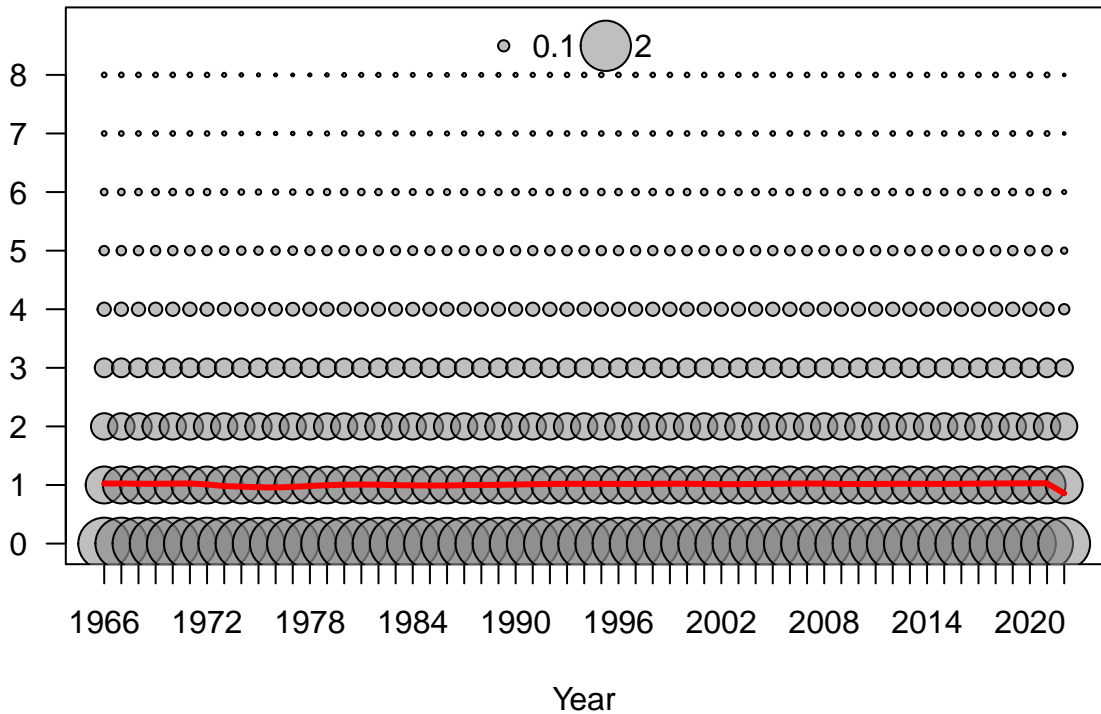


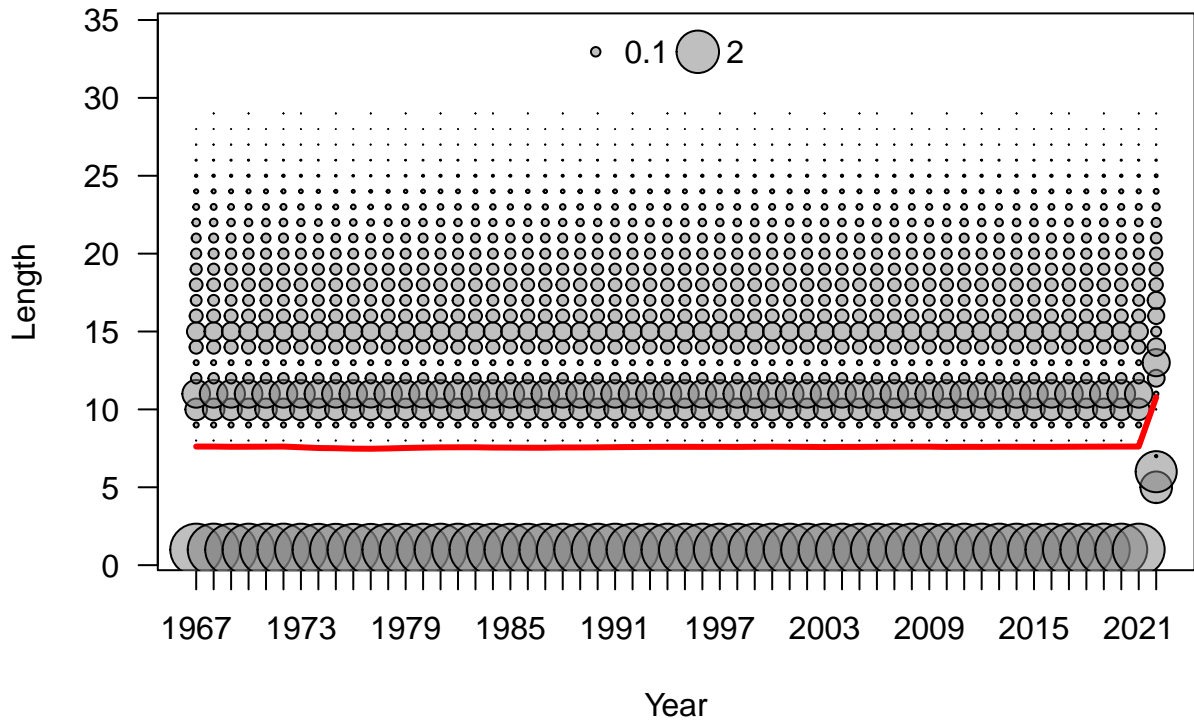


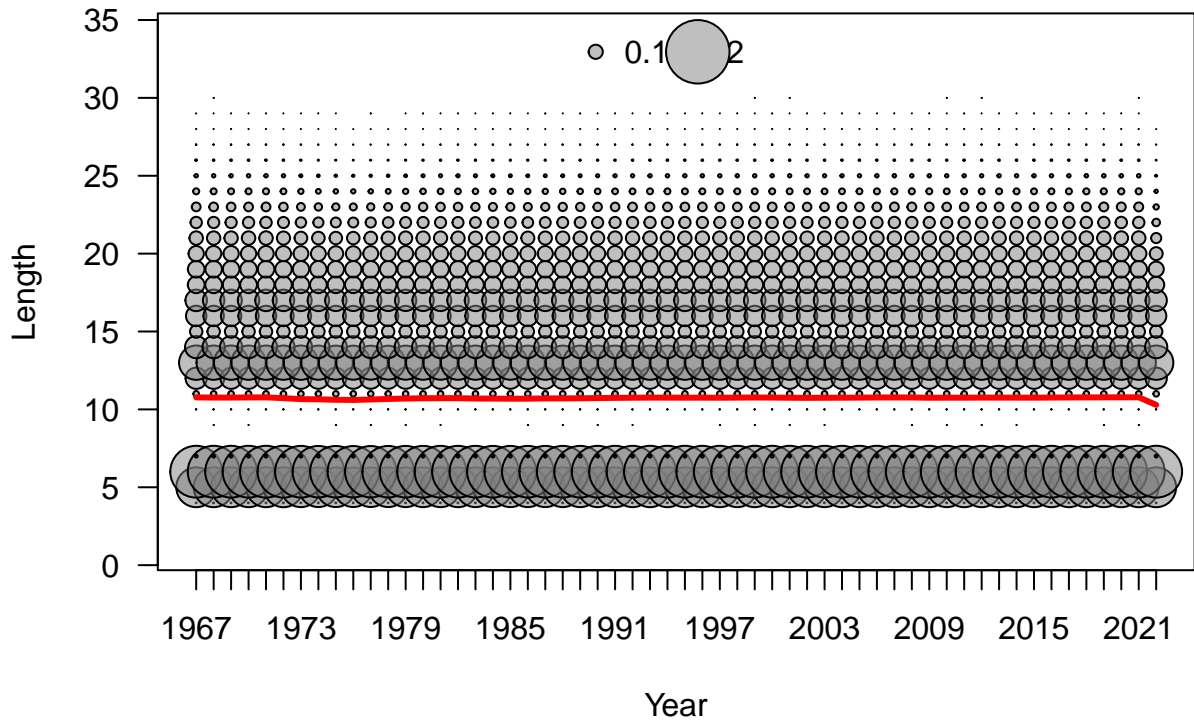
Age

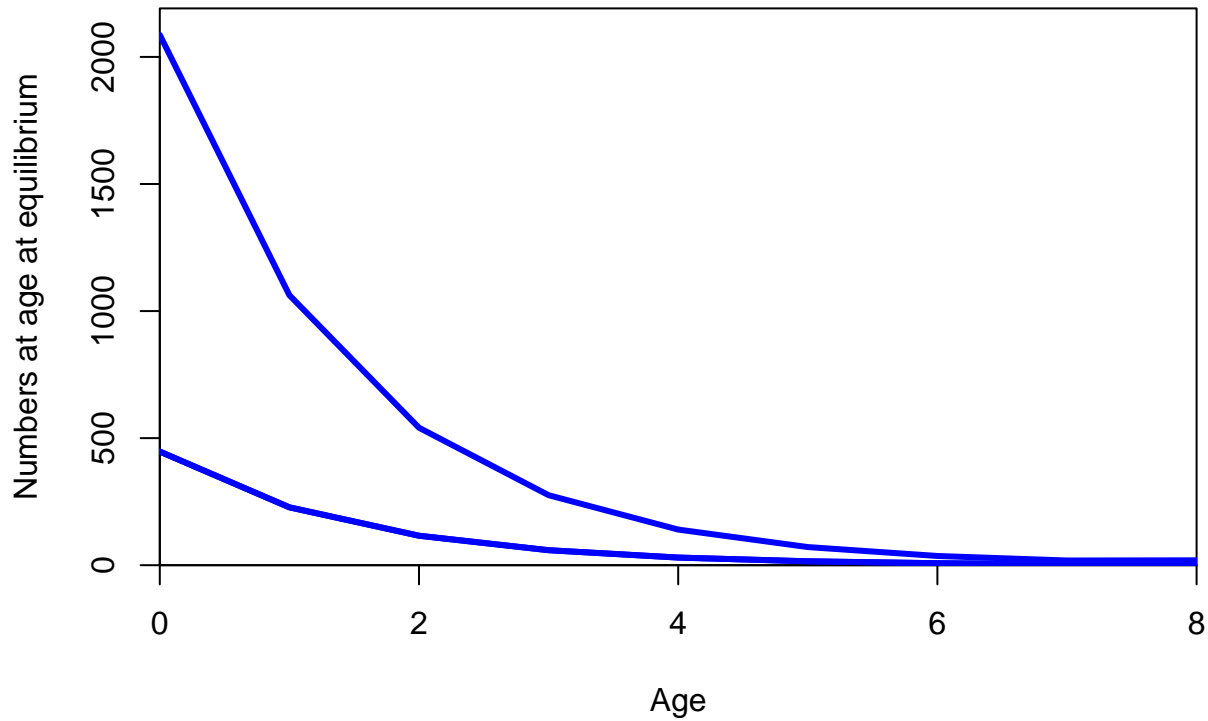


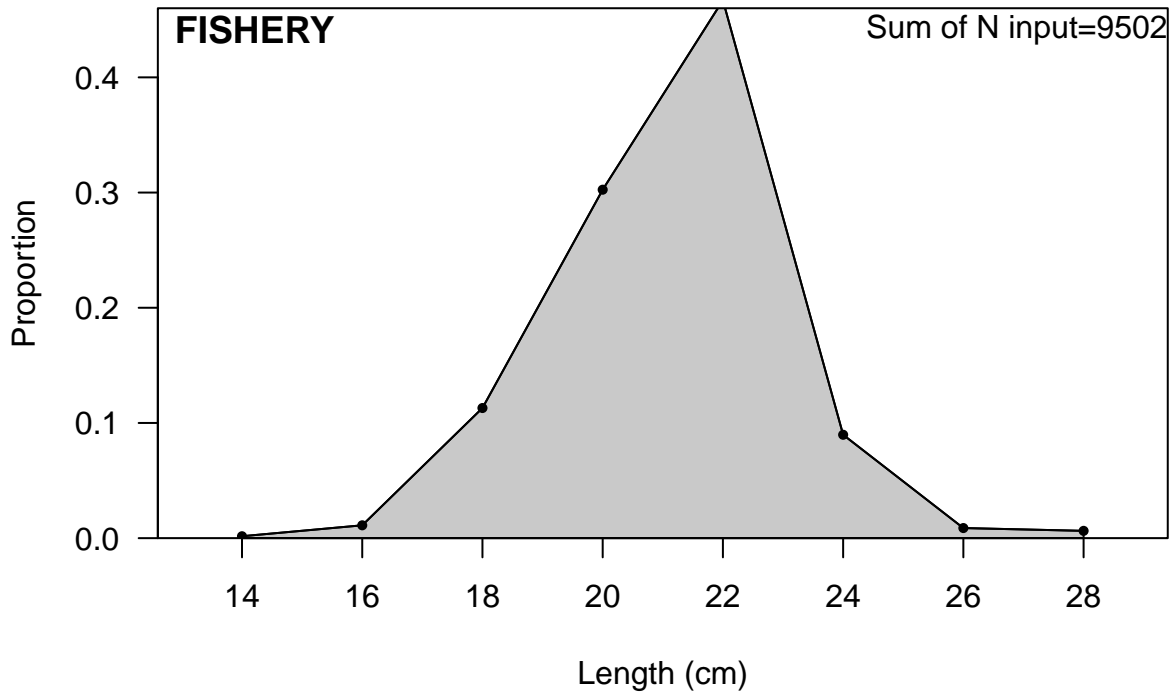
Age

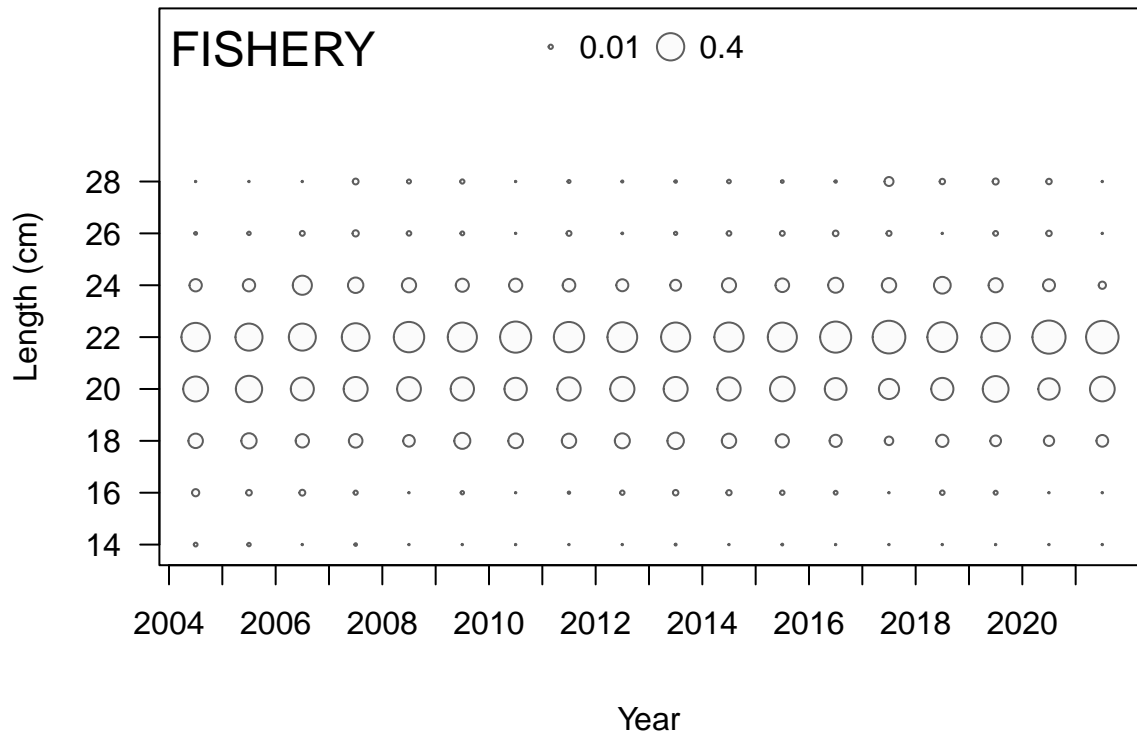






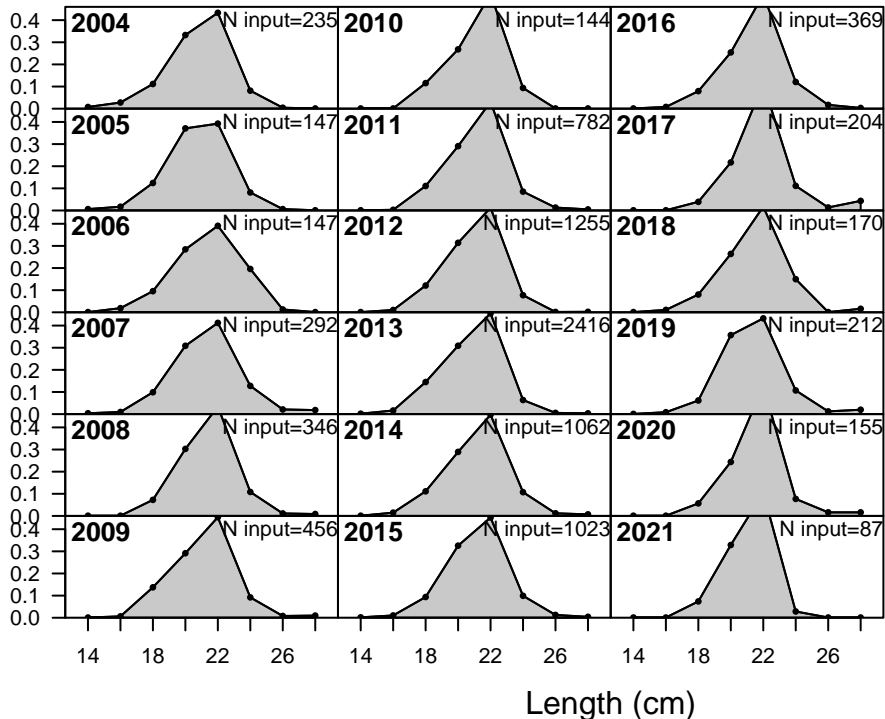


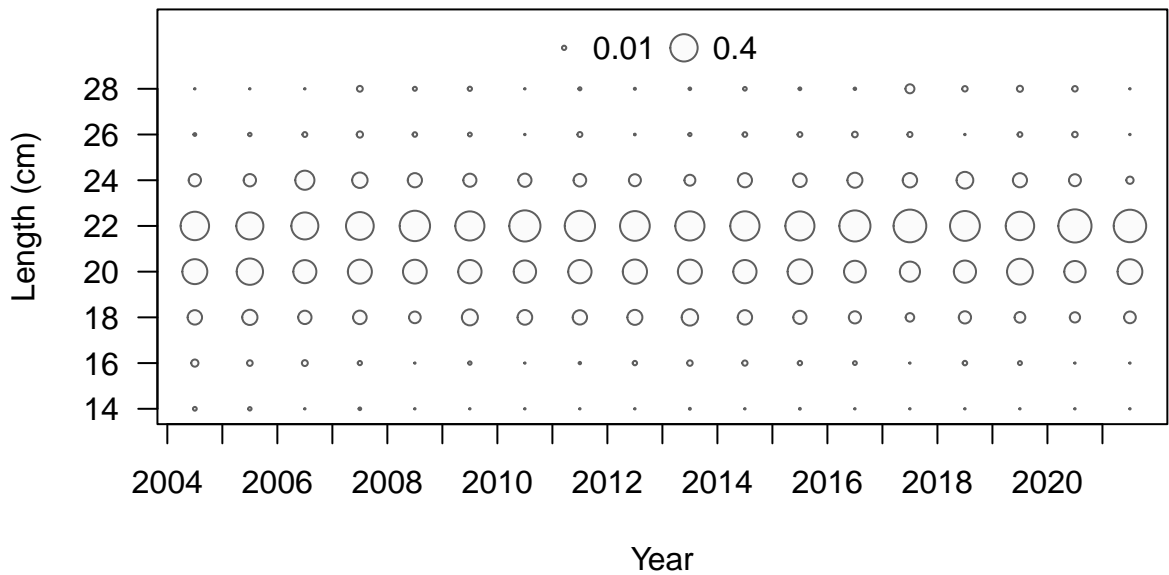




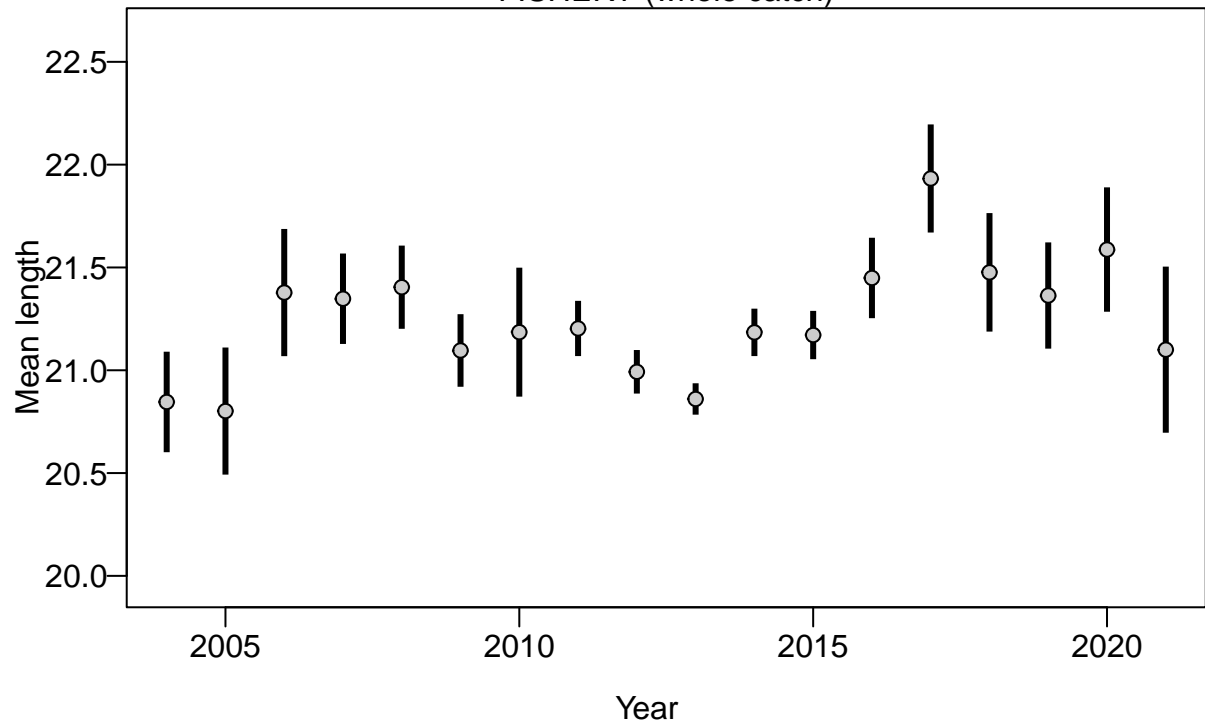


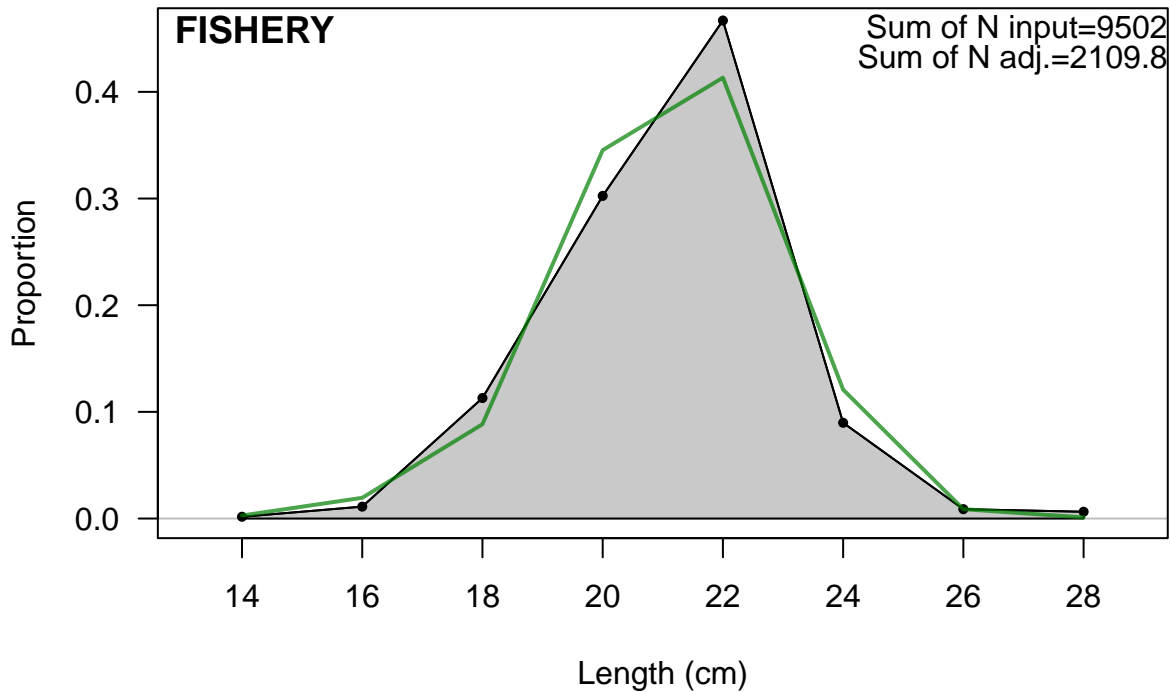
Proportion

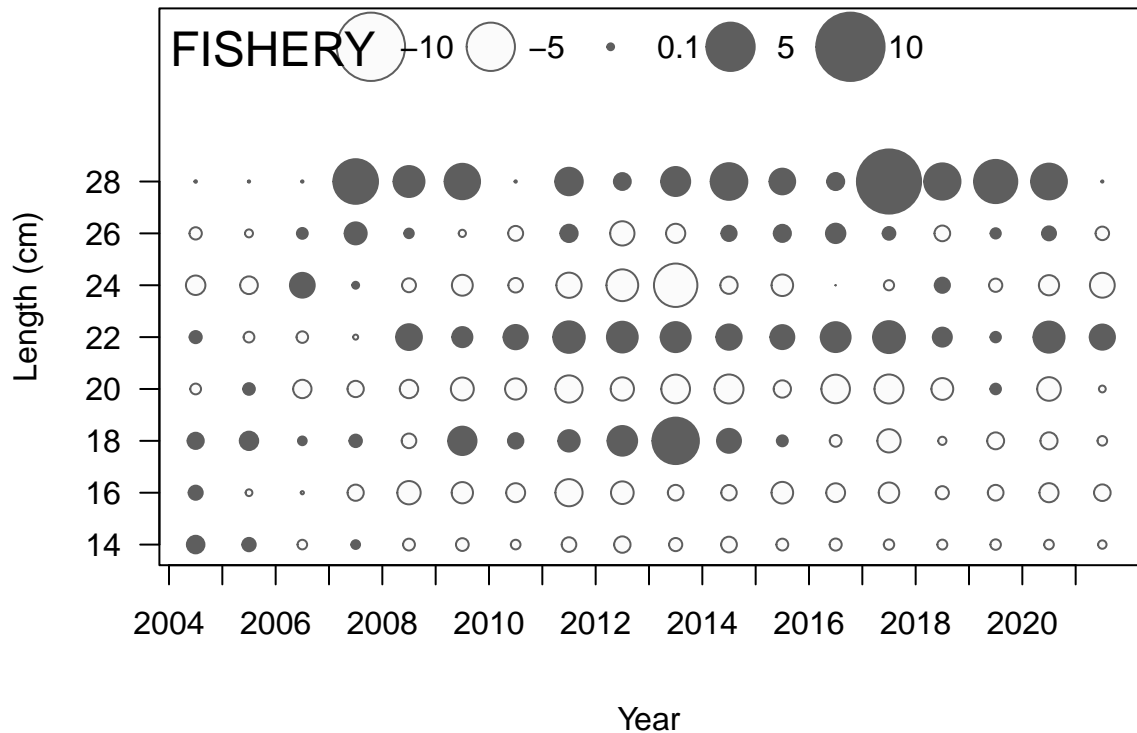




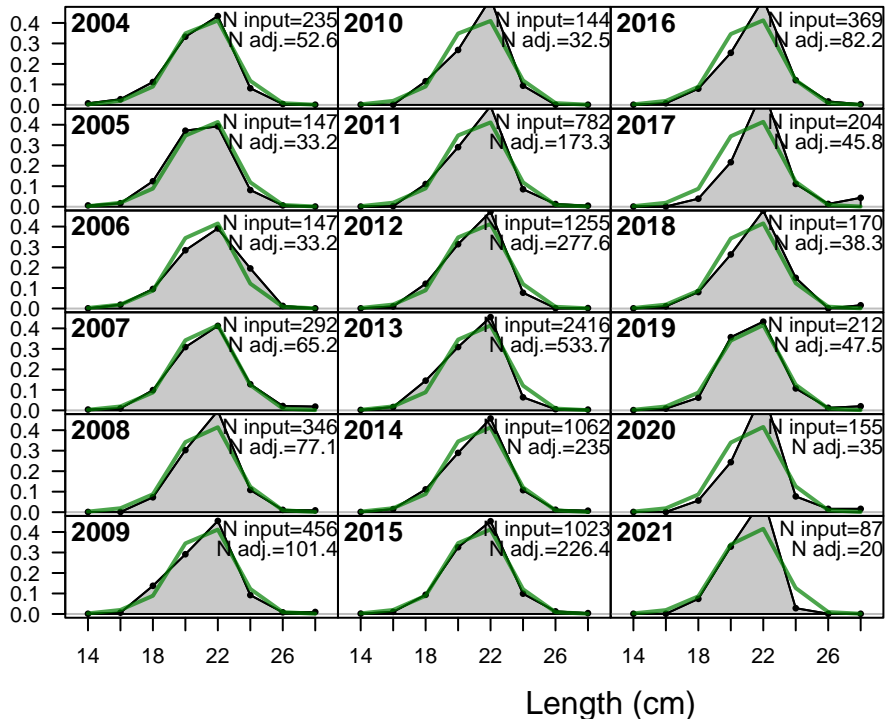
FISHERY (whole catch)

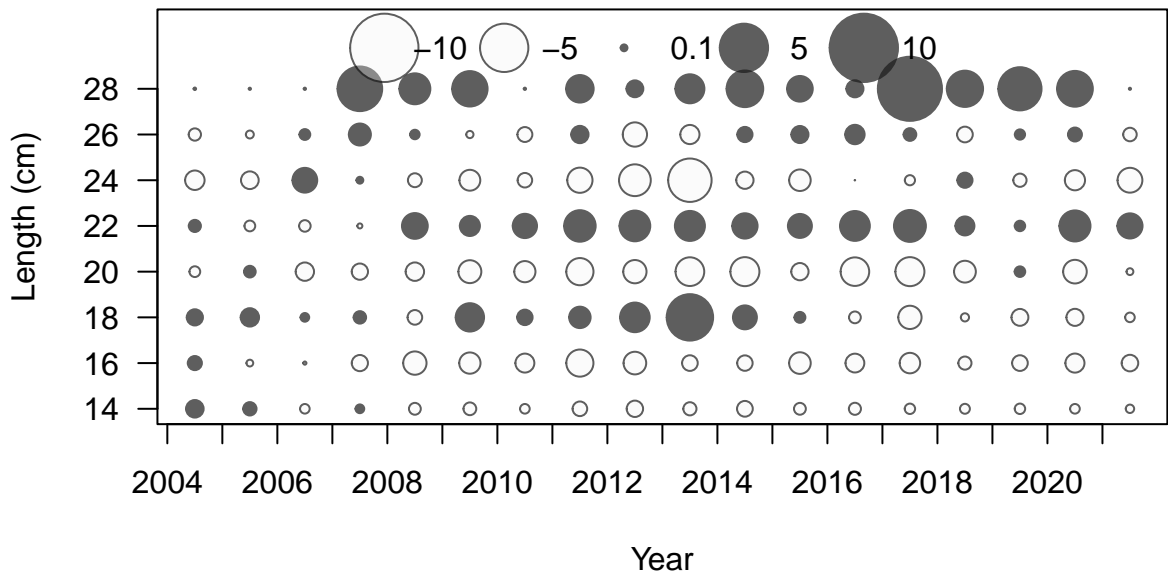




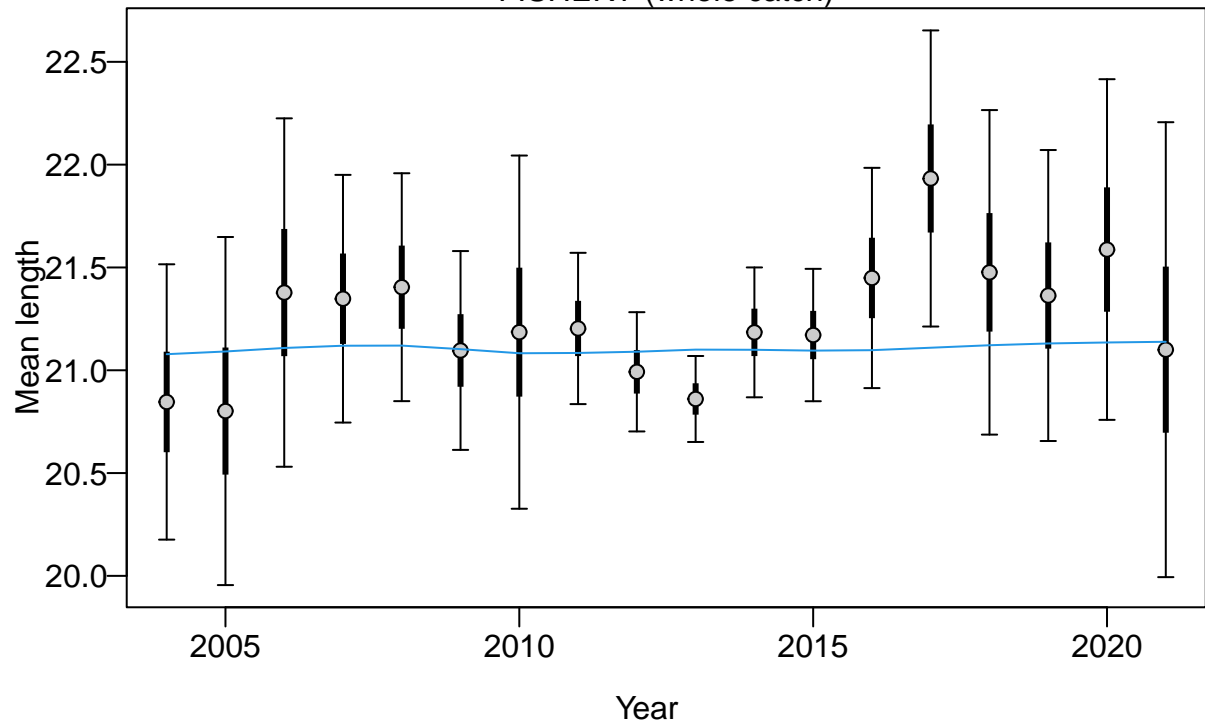


Proportion

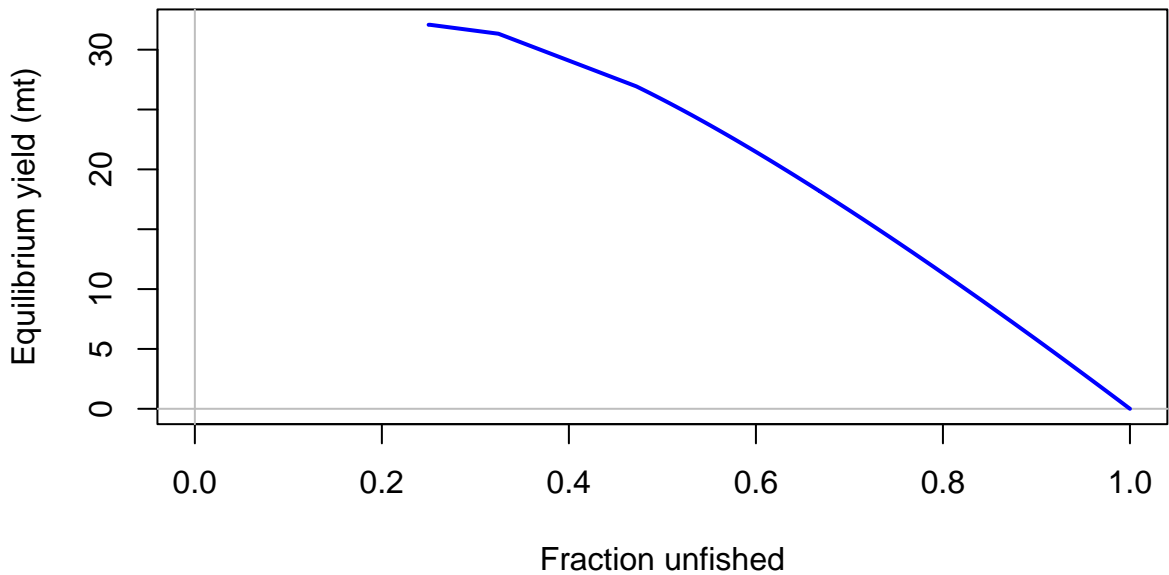


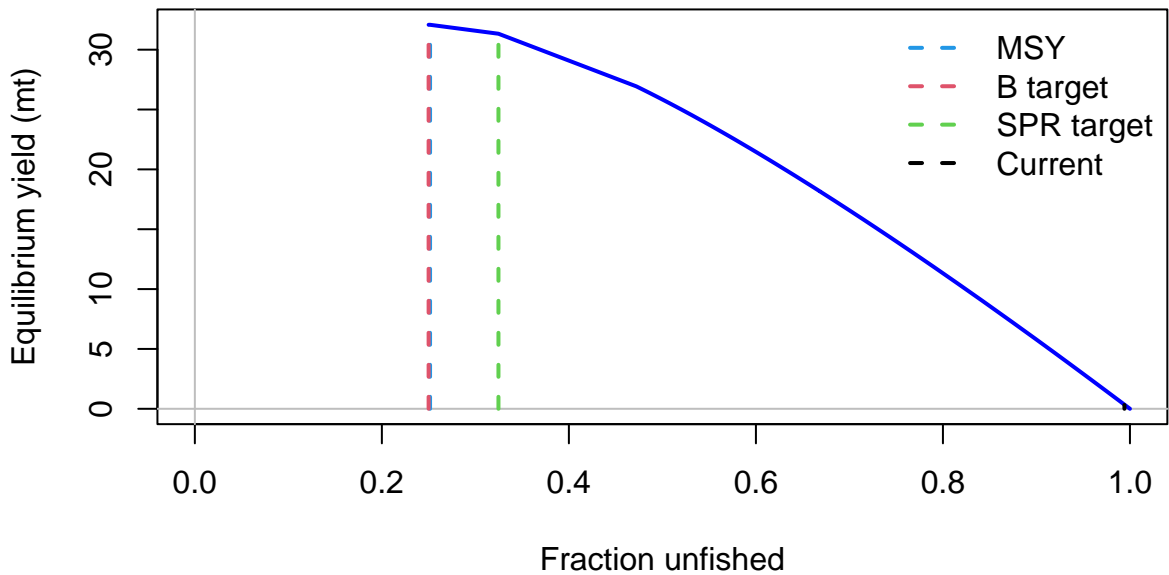


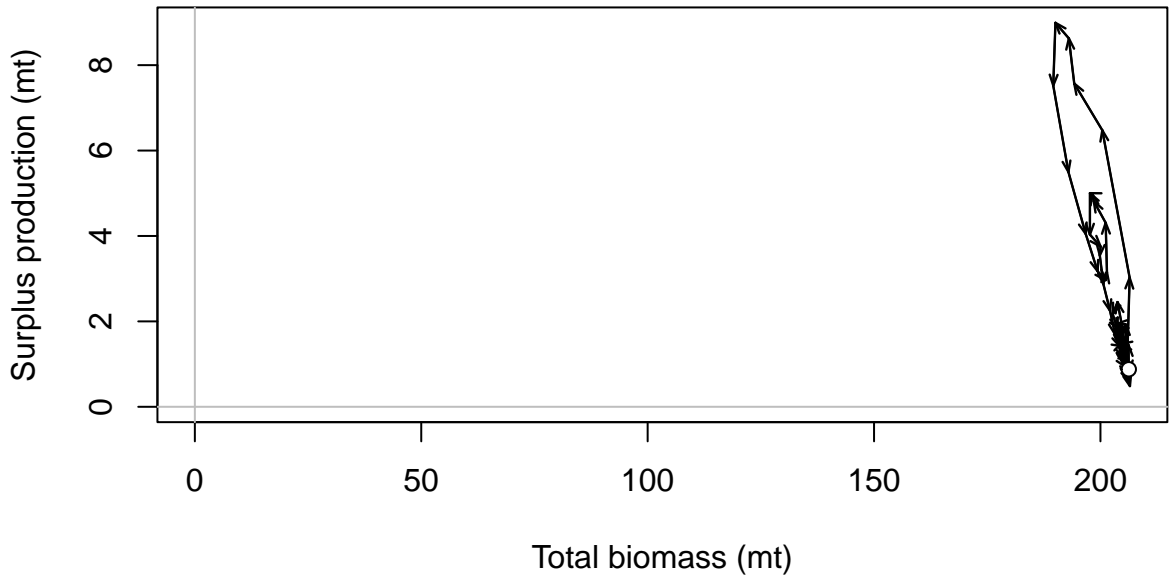
## FISHERY (whole catch)

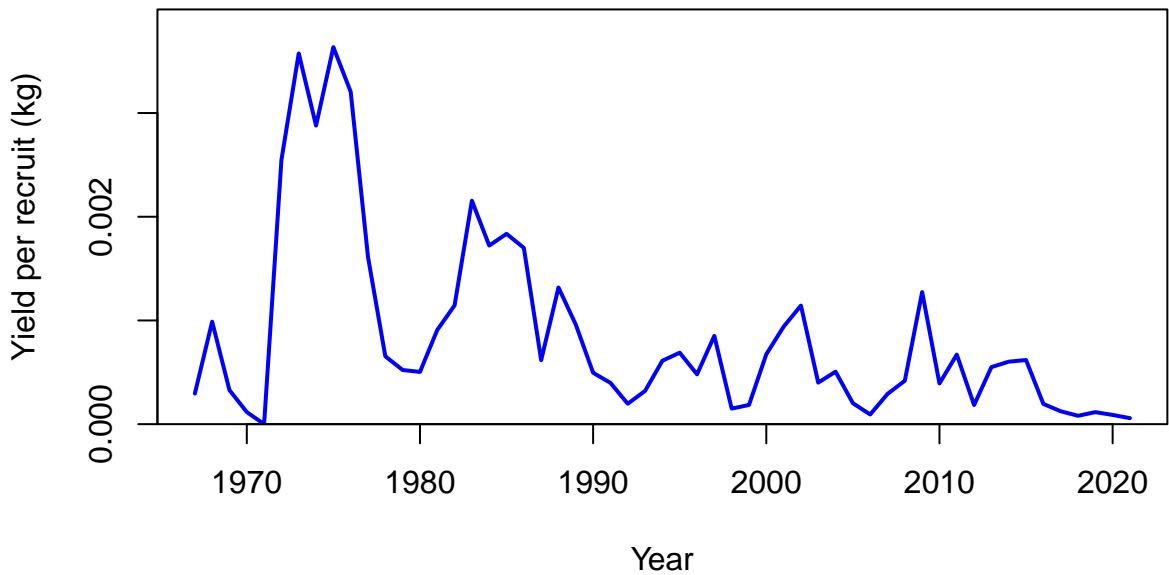


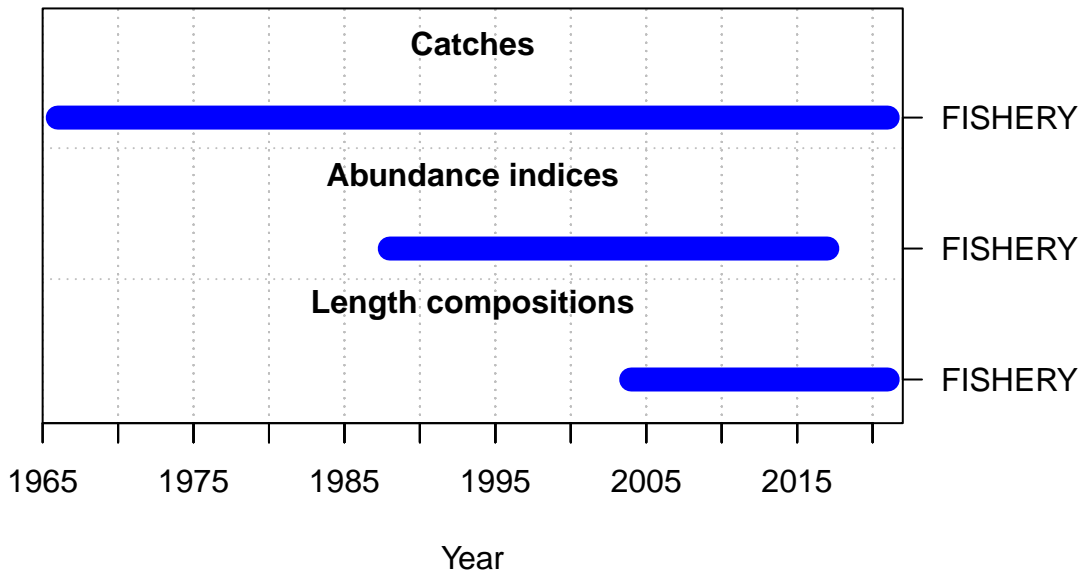


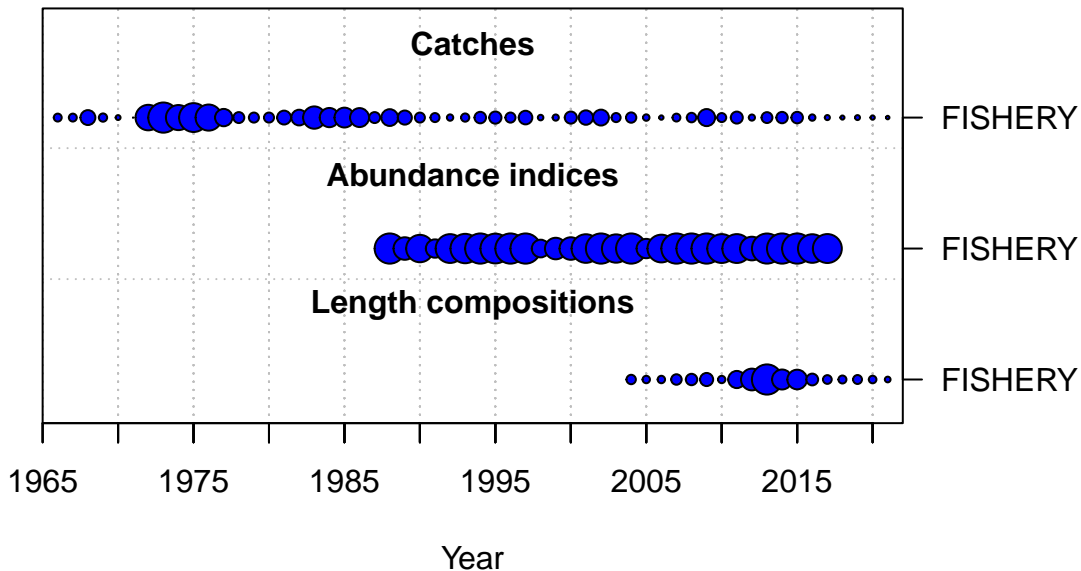




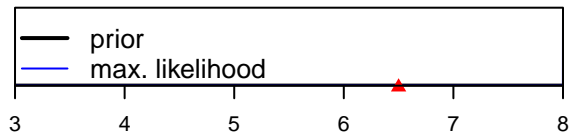




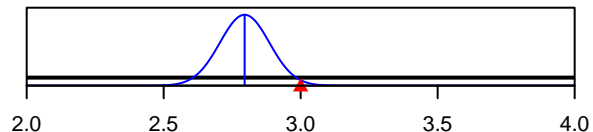




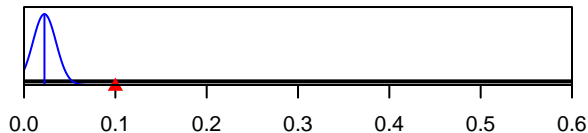
SR\_LN(R0)



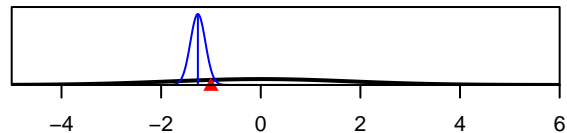
Size\_95%width\_FISHERY(1)



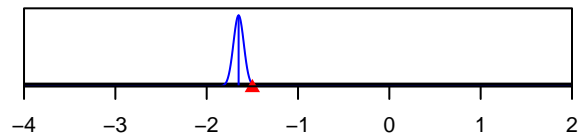
InitF\_seas\_1flt\_1FISHERY



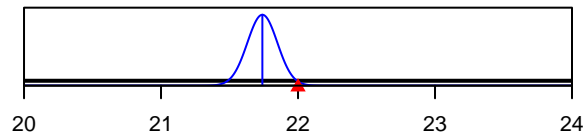
ln(DM\_theta)\_1



LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Parameter value