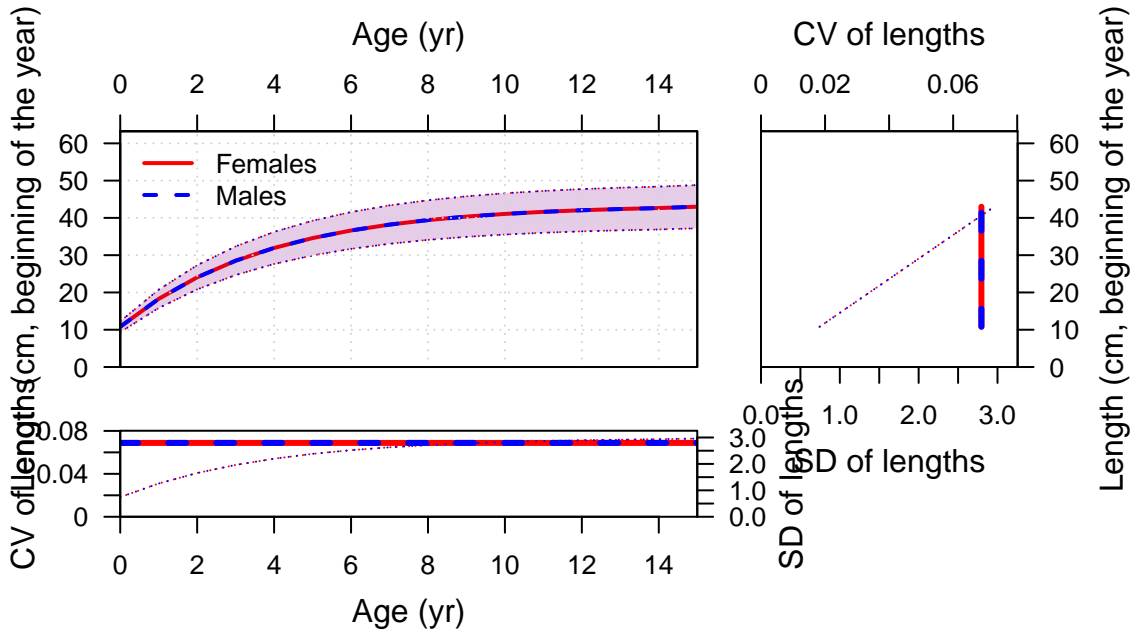


Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Thu Aug 25 11:50:04 2022  
Data\_File: data.ss  
Control\_File: control.ss

Length (cm, beginning of the year)











































Fecundity



Fecundity



Spawning output

3

2

1

0

0

10

20

30

40

50

Length (cm)







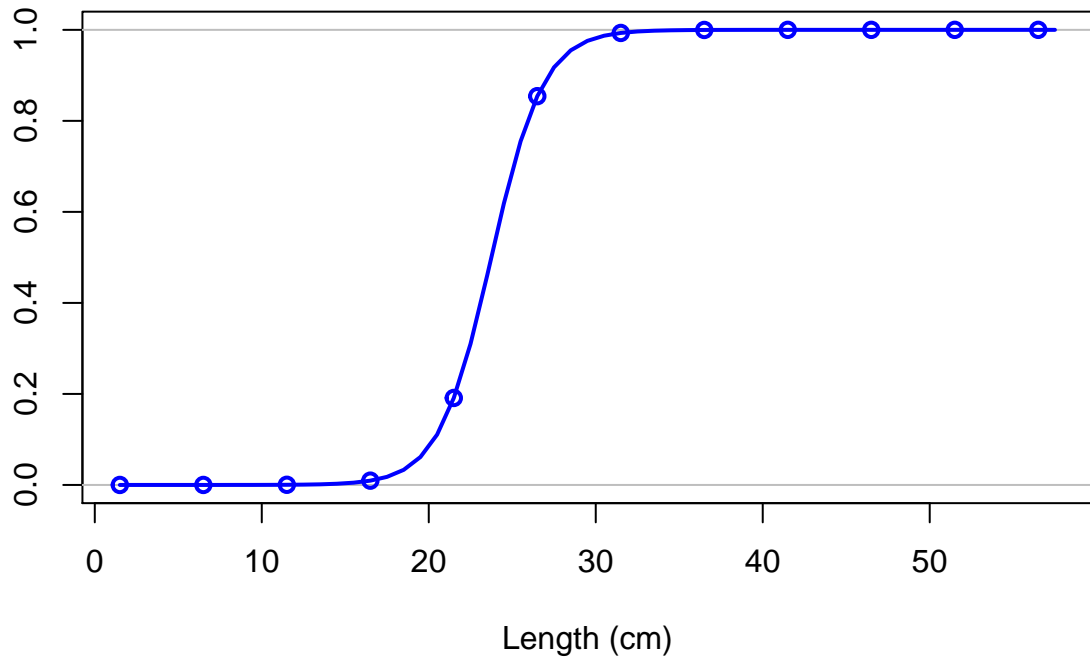
Hermaphroditism transition rate



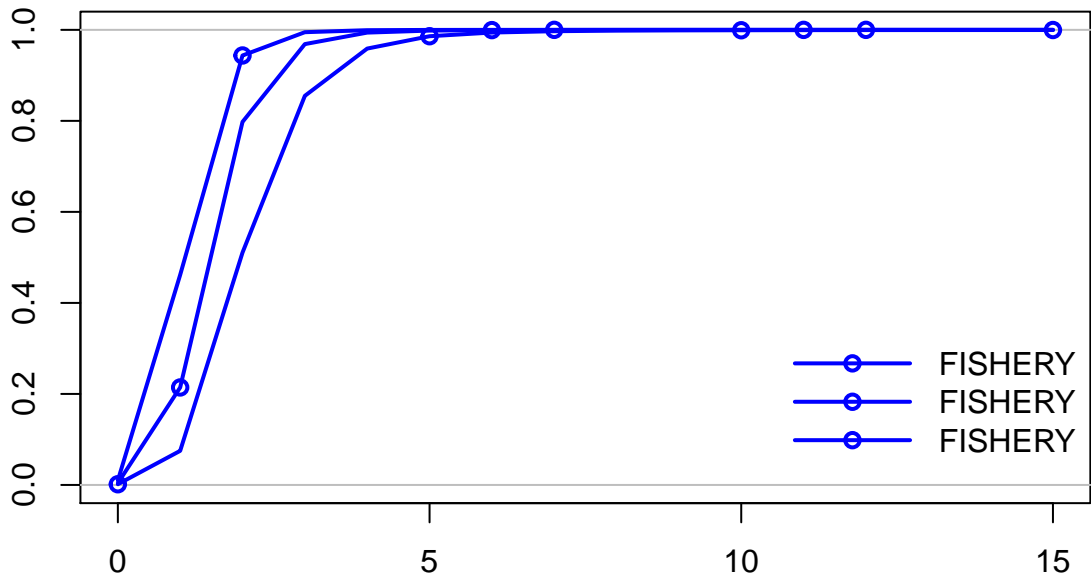
Fraction females by age at equilibrium



Selectivity

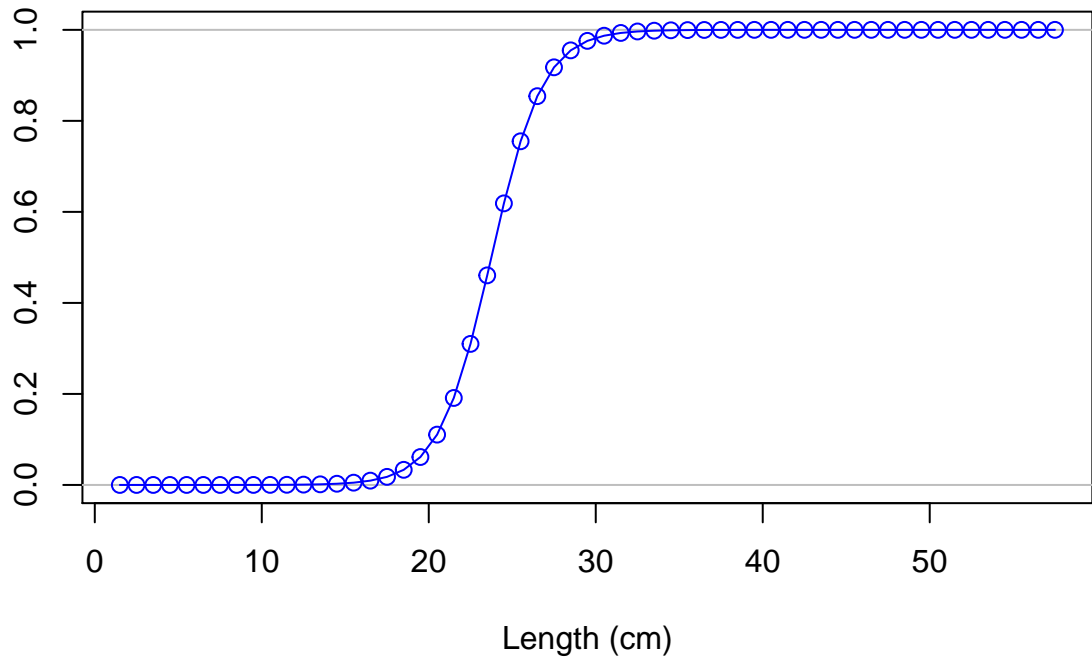


Selectivity

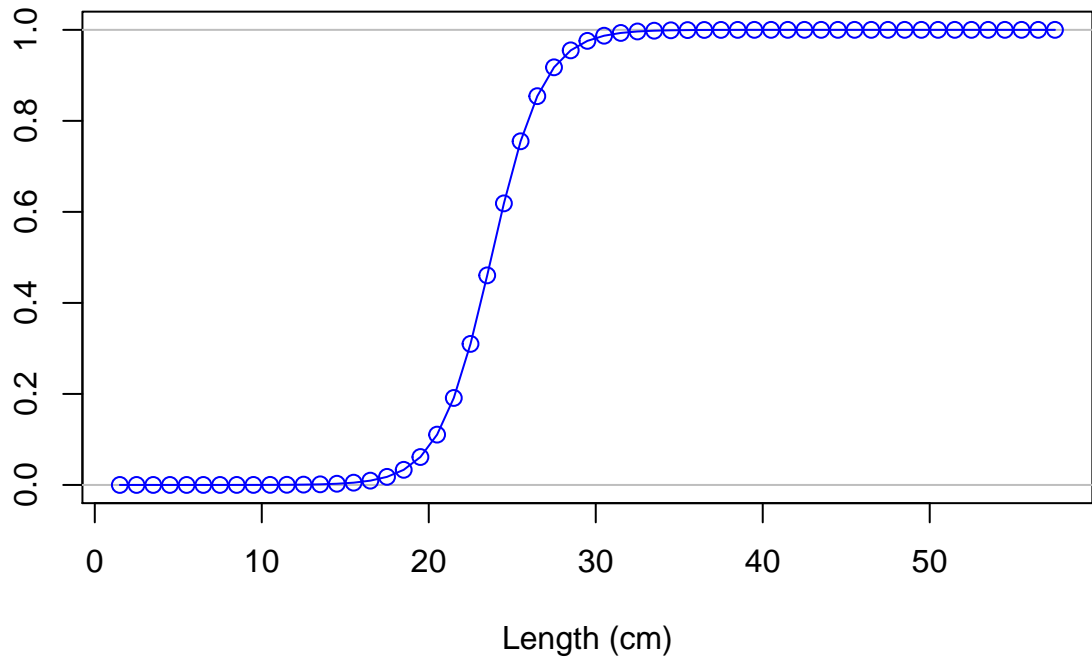


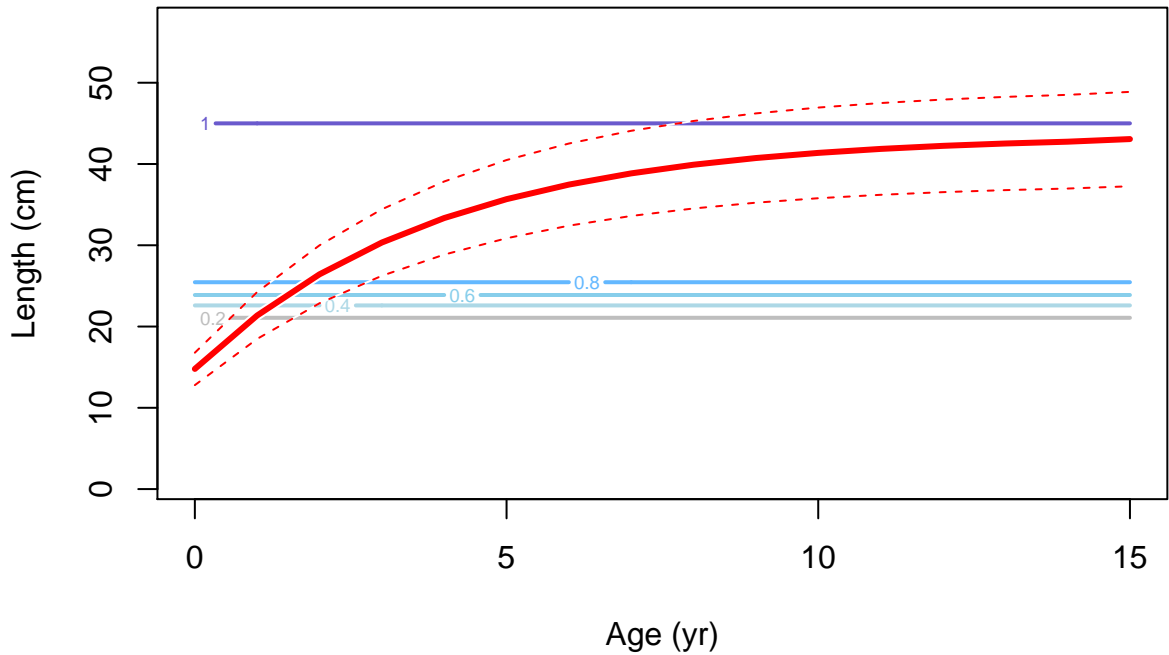
Age (yr)

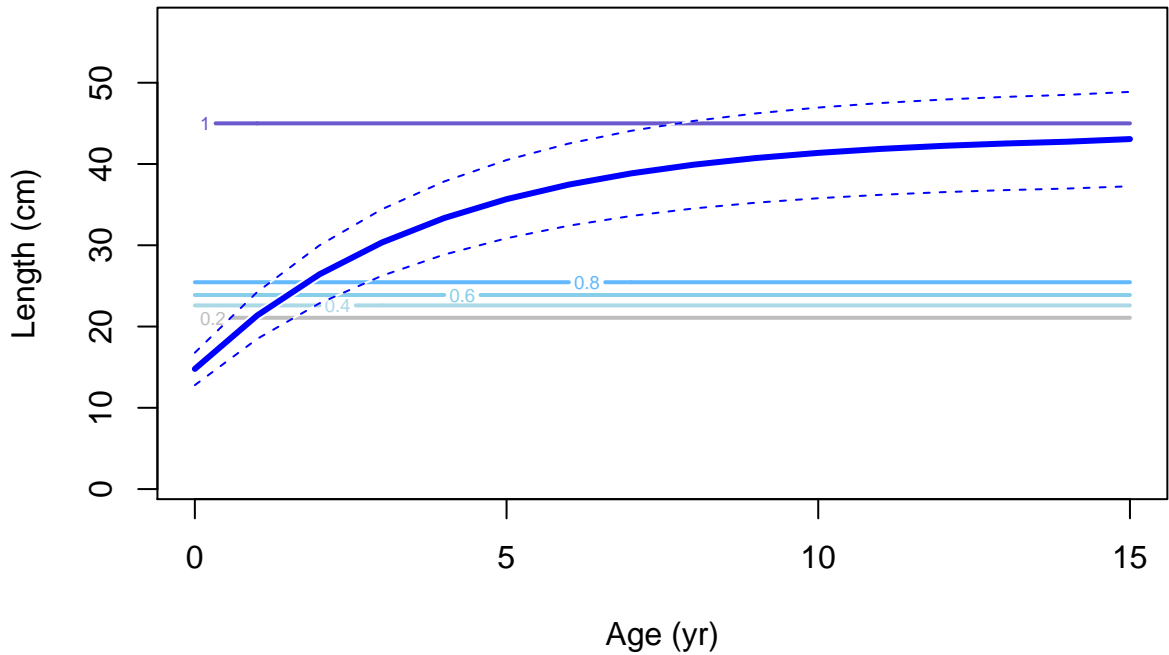
Selectivity



Selectivity

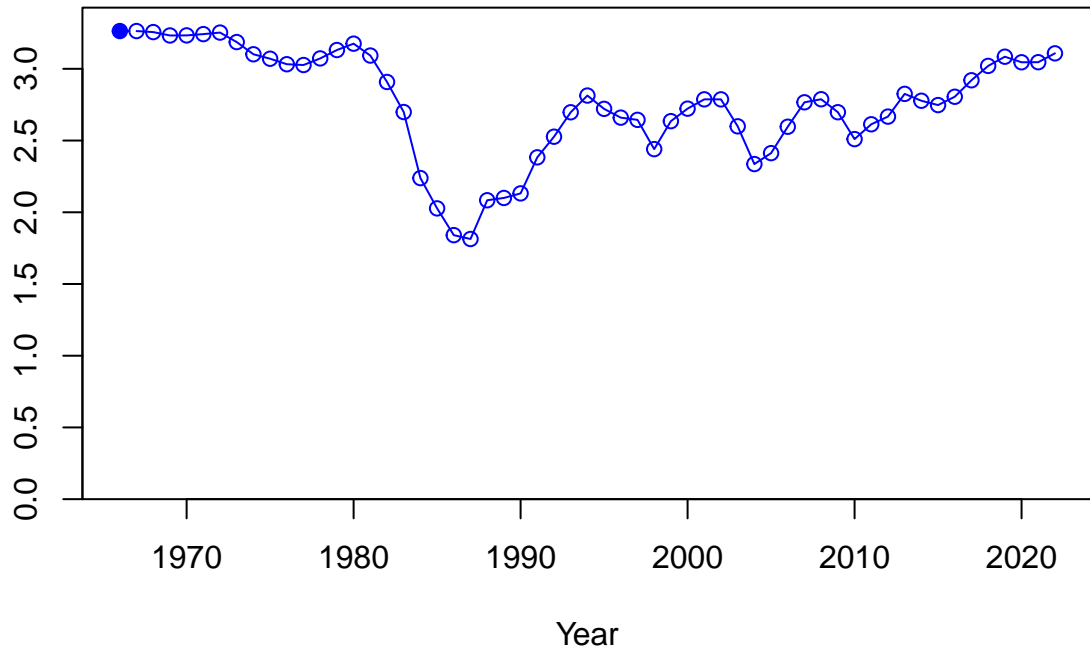




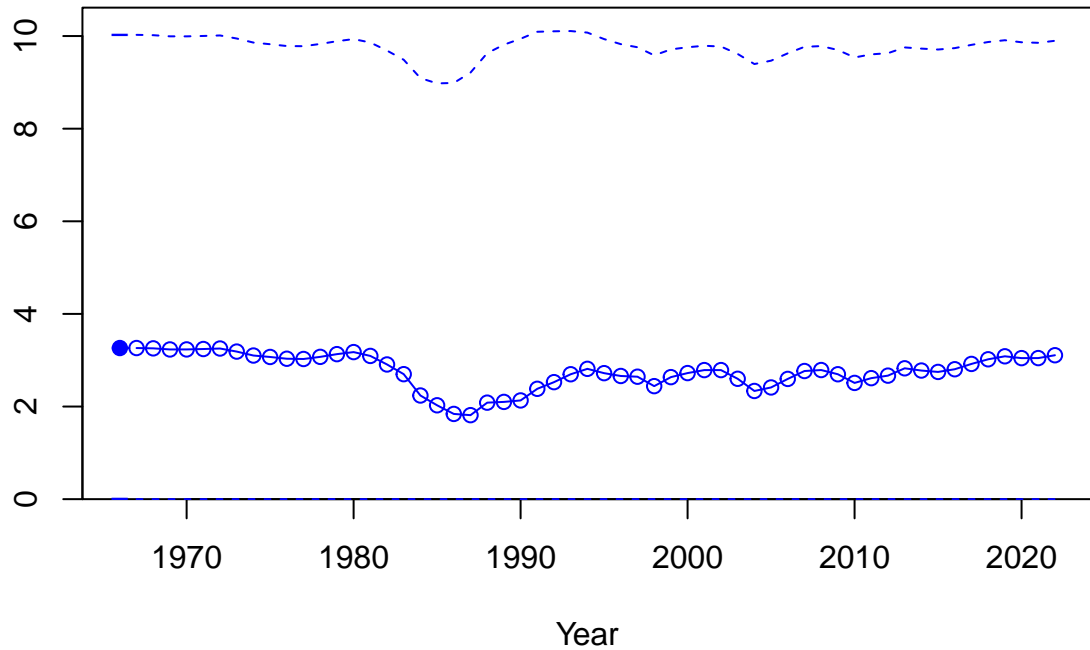




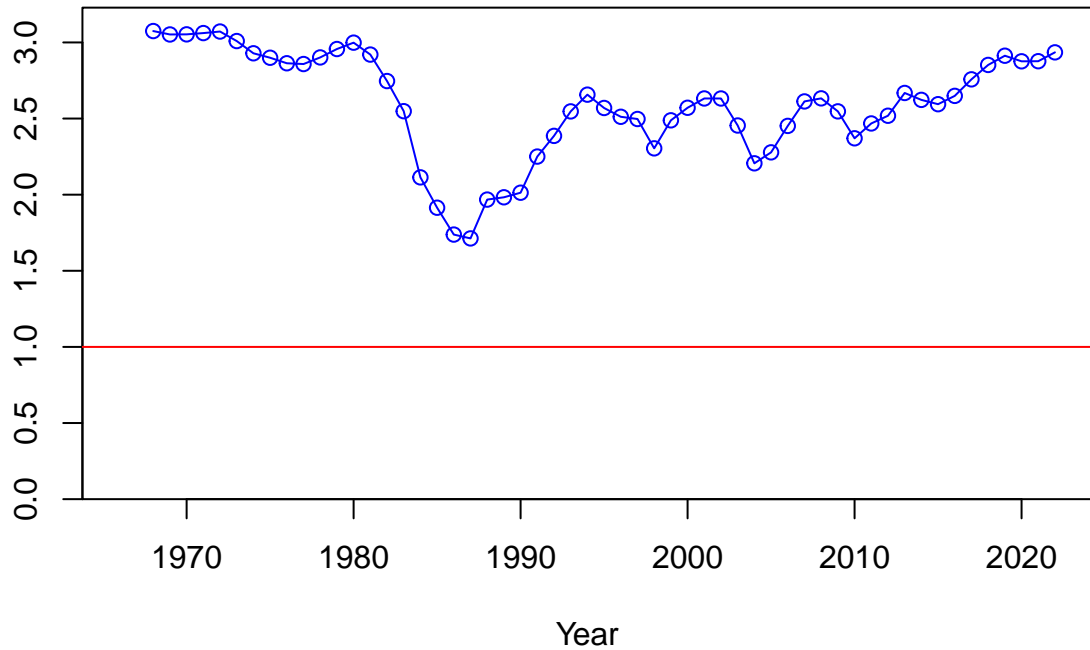
Spawning biomass (mt)



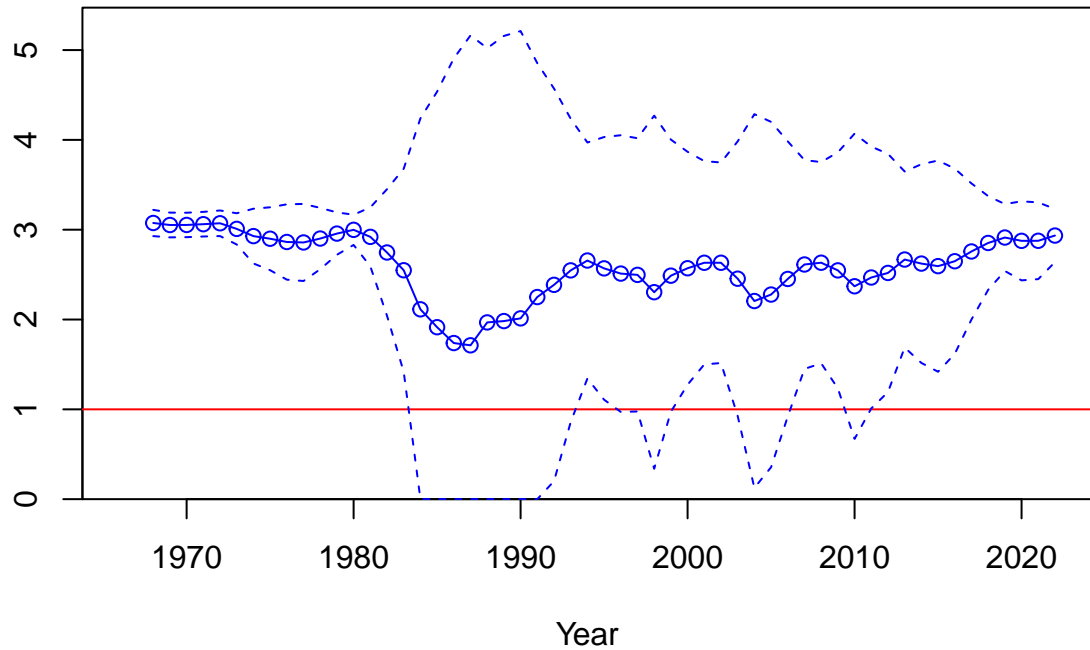
Spawning biomass (mt)

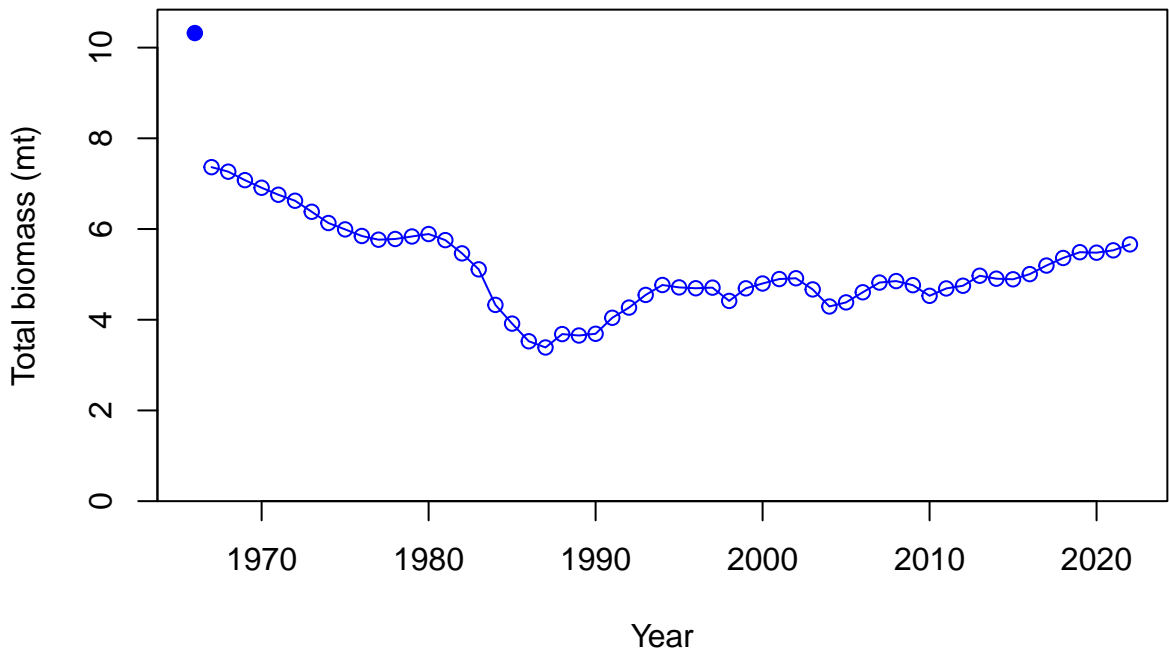


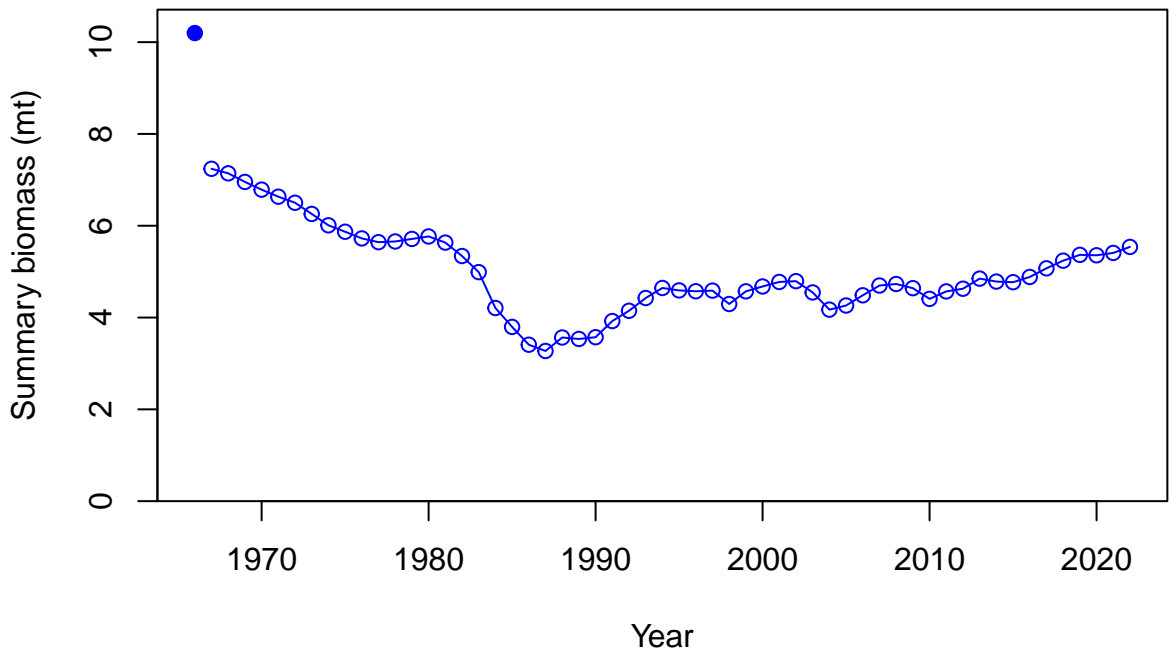
Relative spawning biomass:  $B/B_{MSY}$



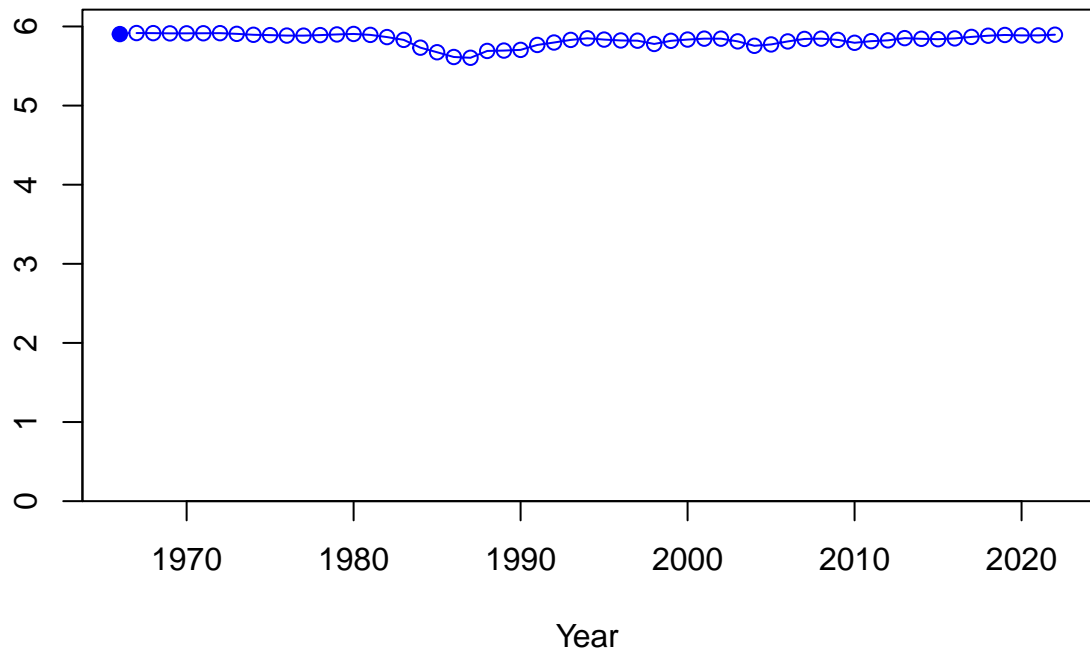
Relative spawning biomass:  $B/B_{MSY}$



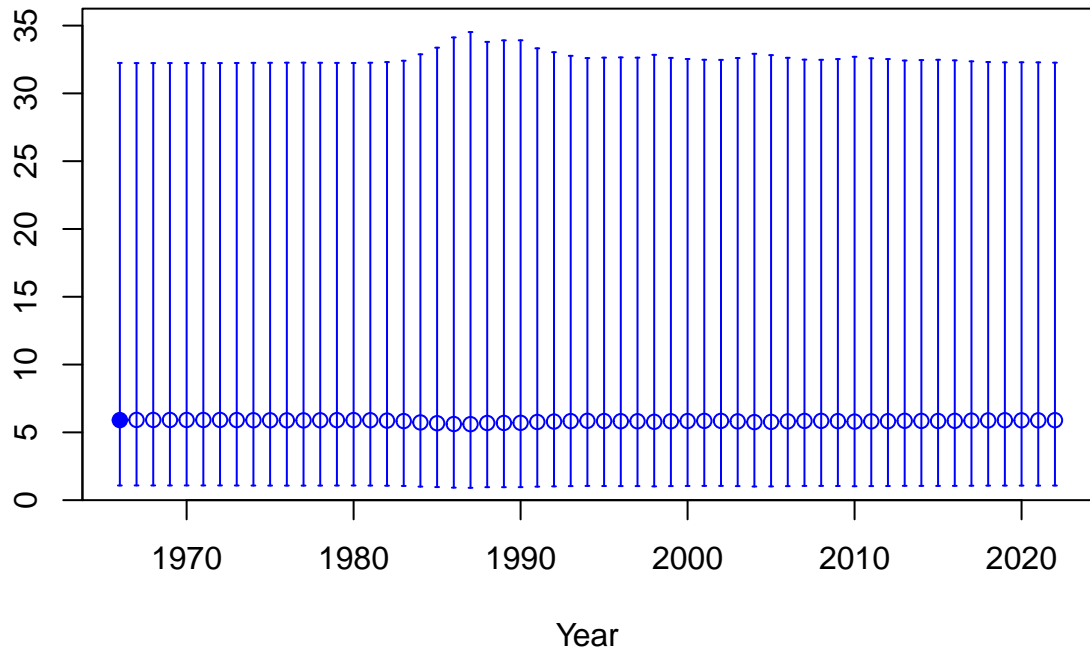




Age-0 recruits (1,000s)

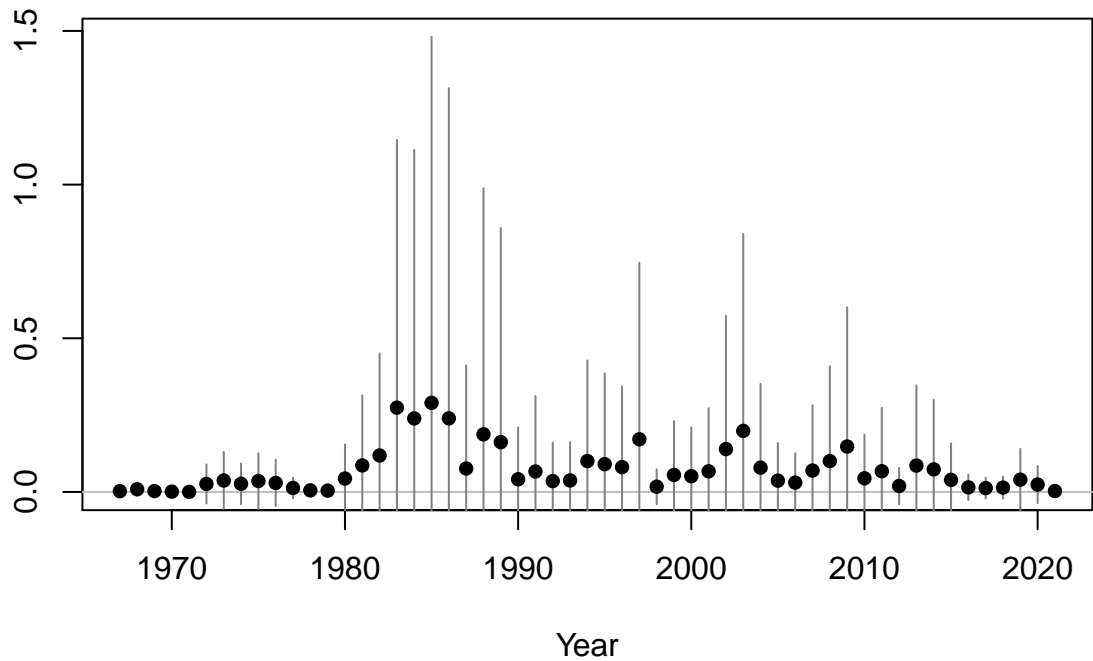


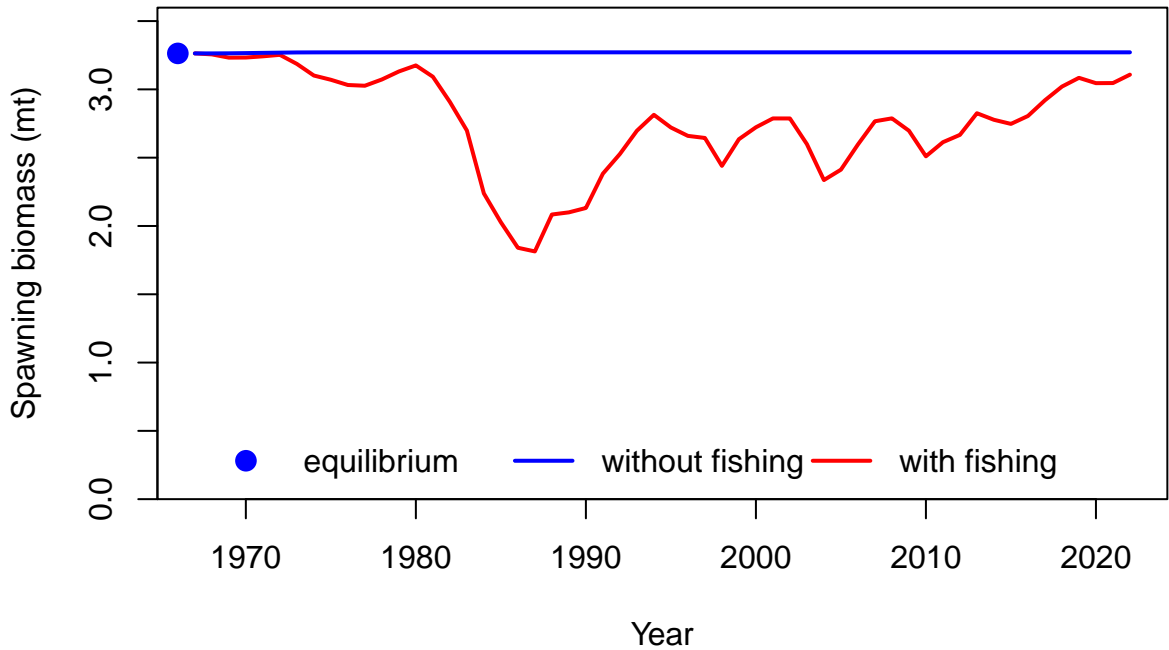
Age-0 recruits (1,000s)

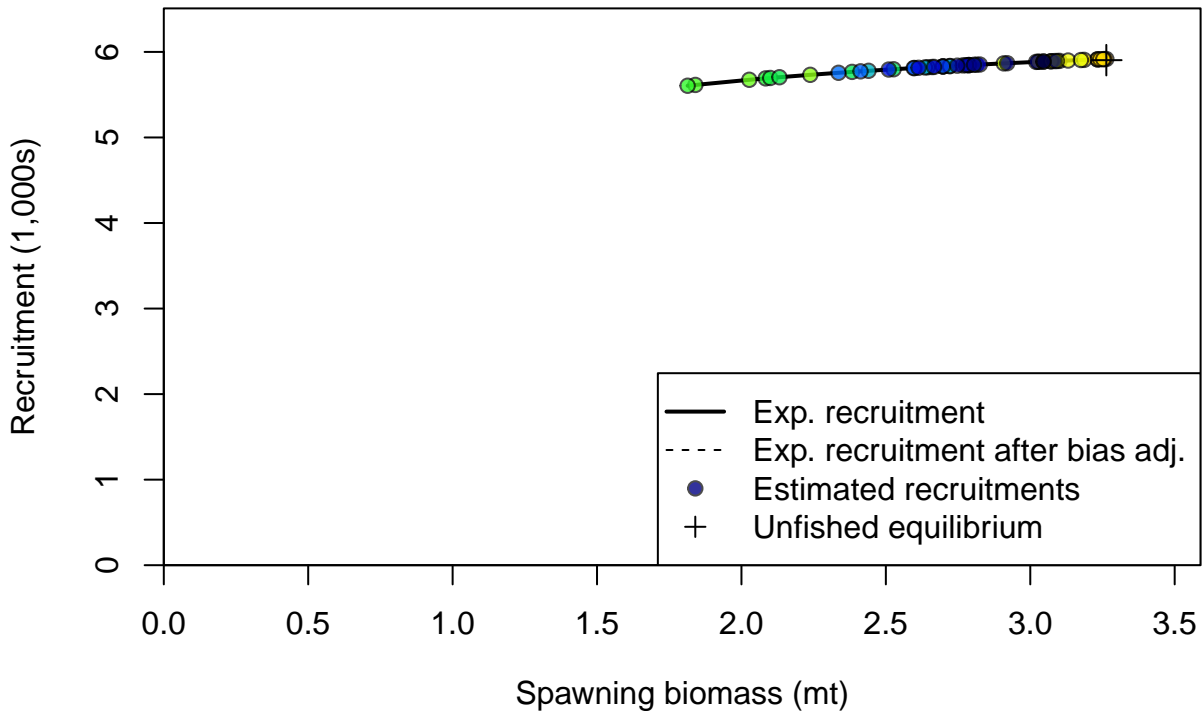




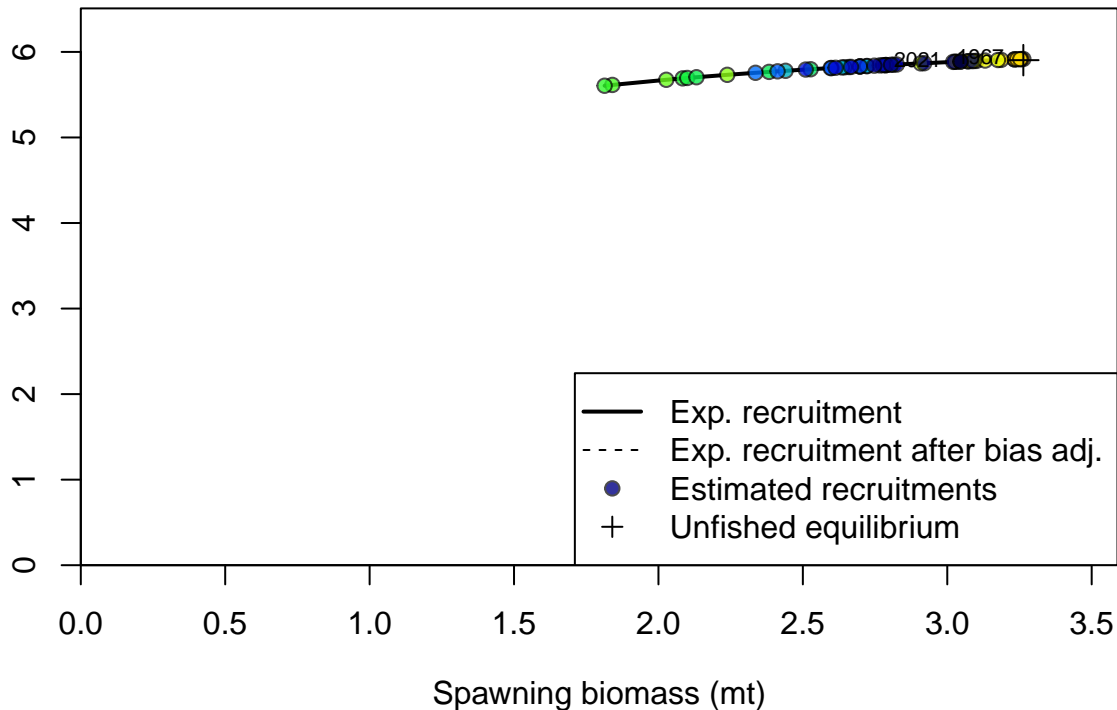
Summary Fishing Mortality

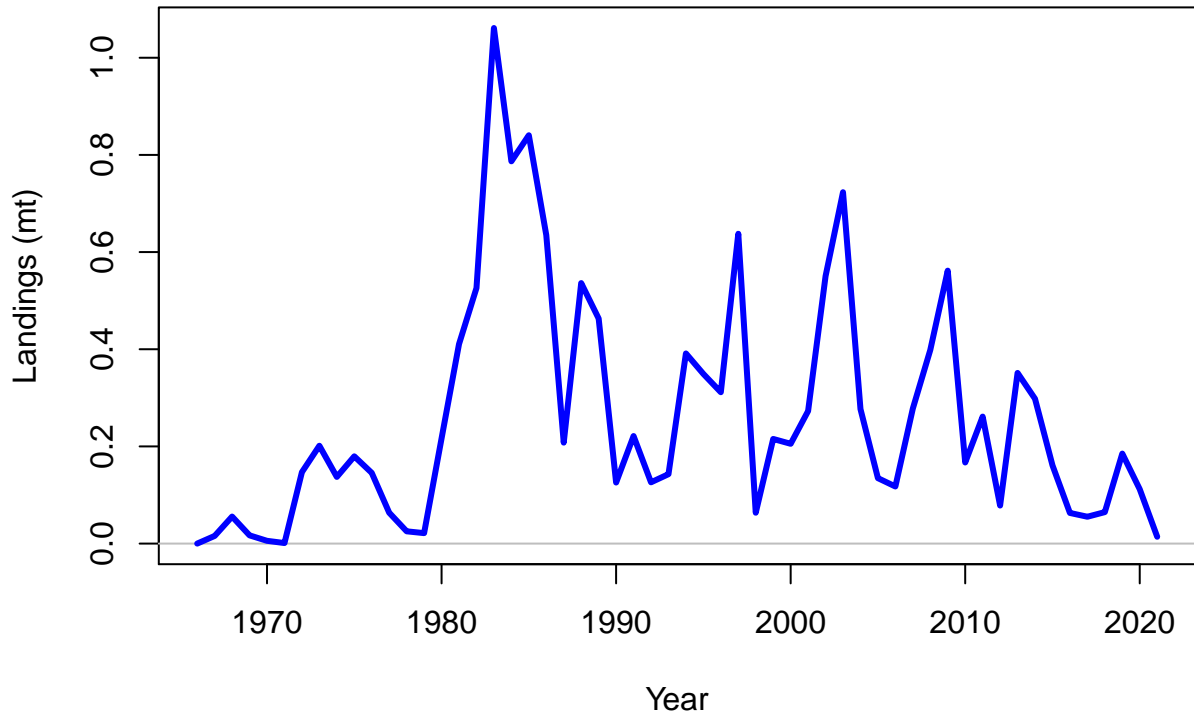


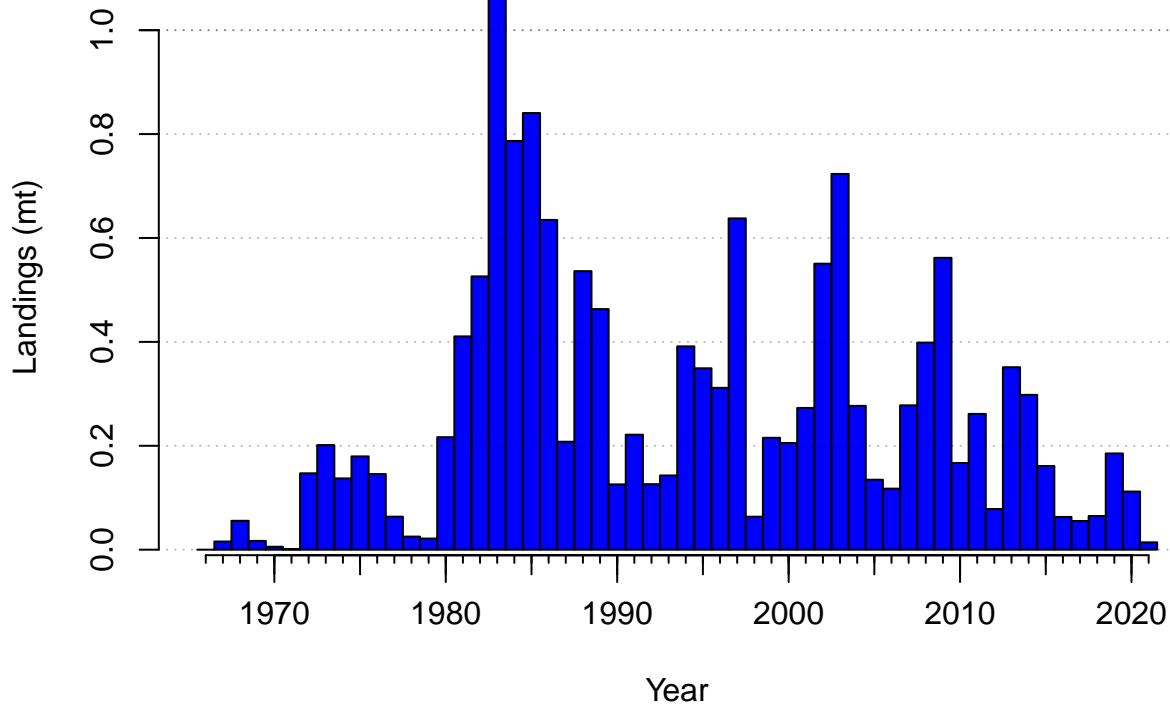


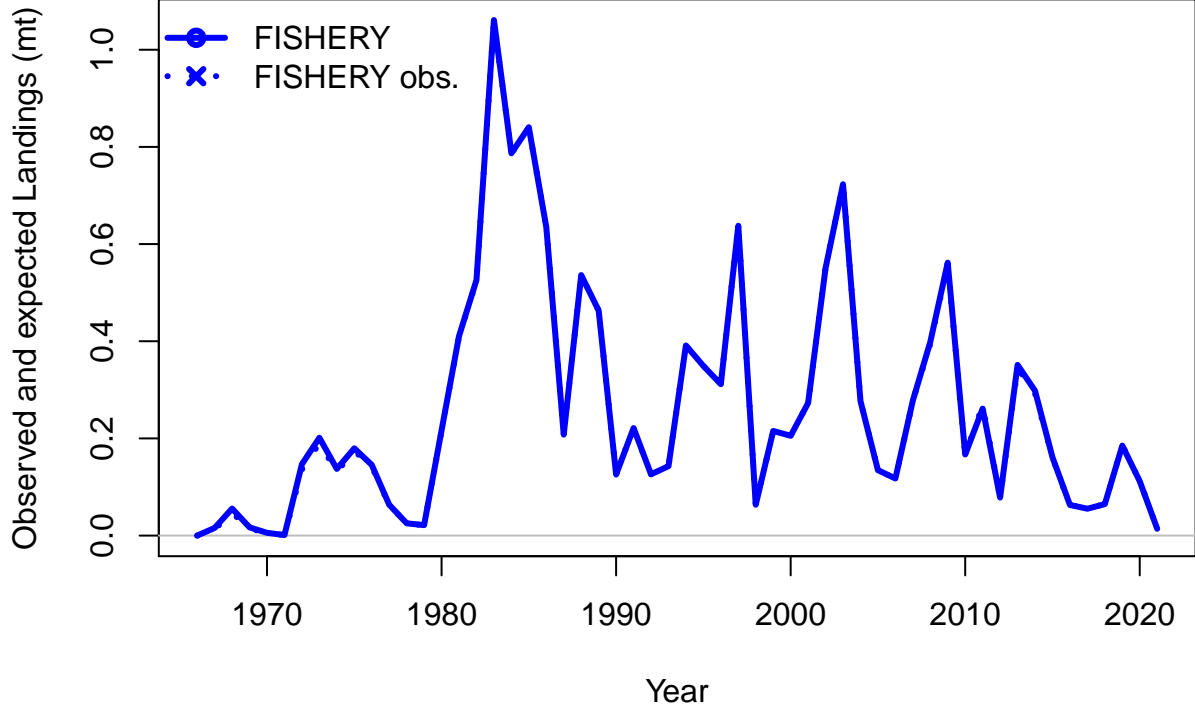


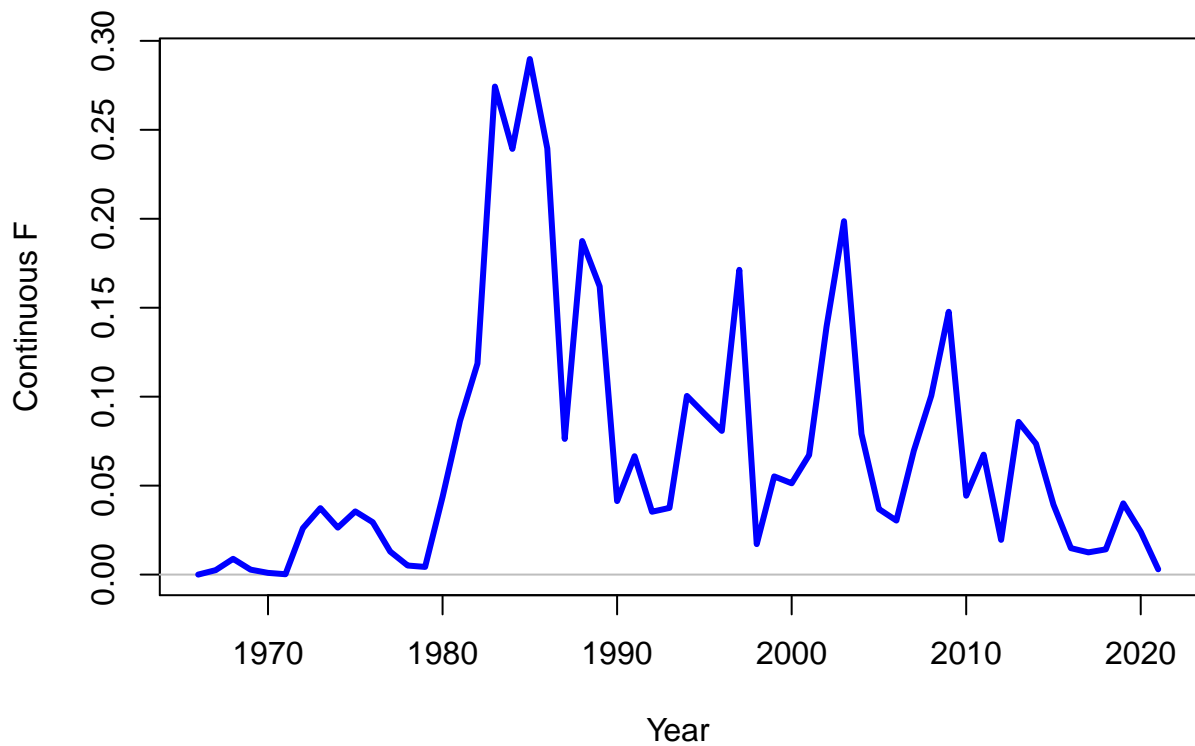
Recruitment (1,000s)





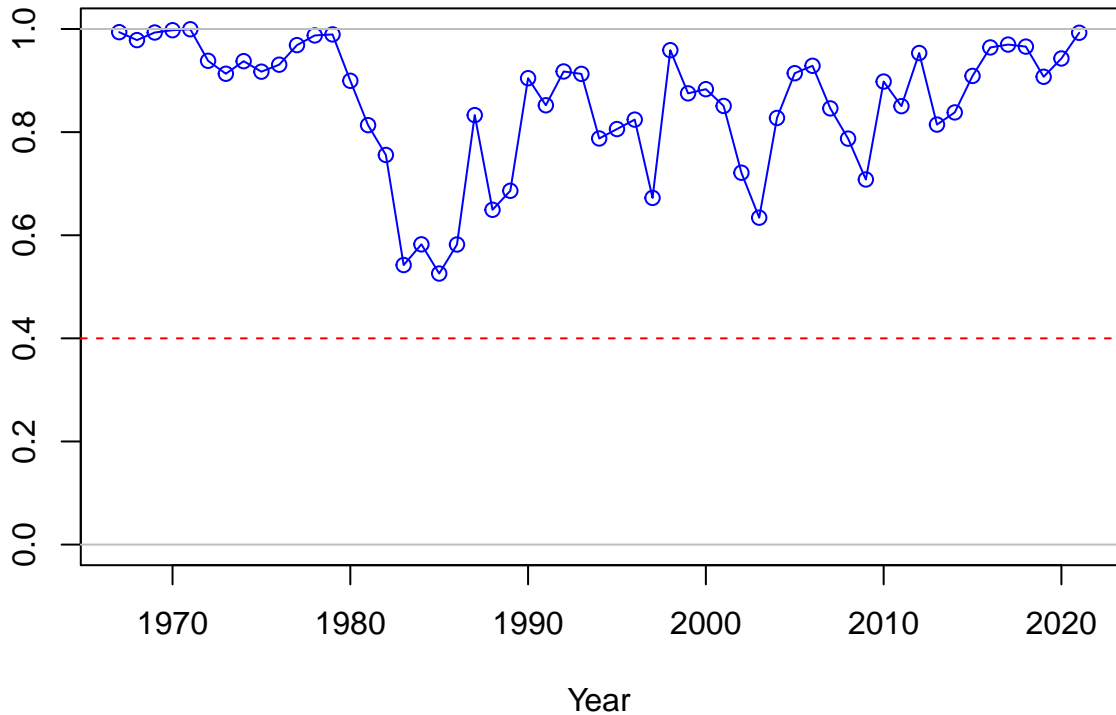




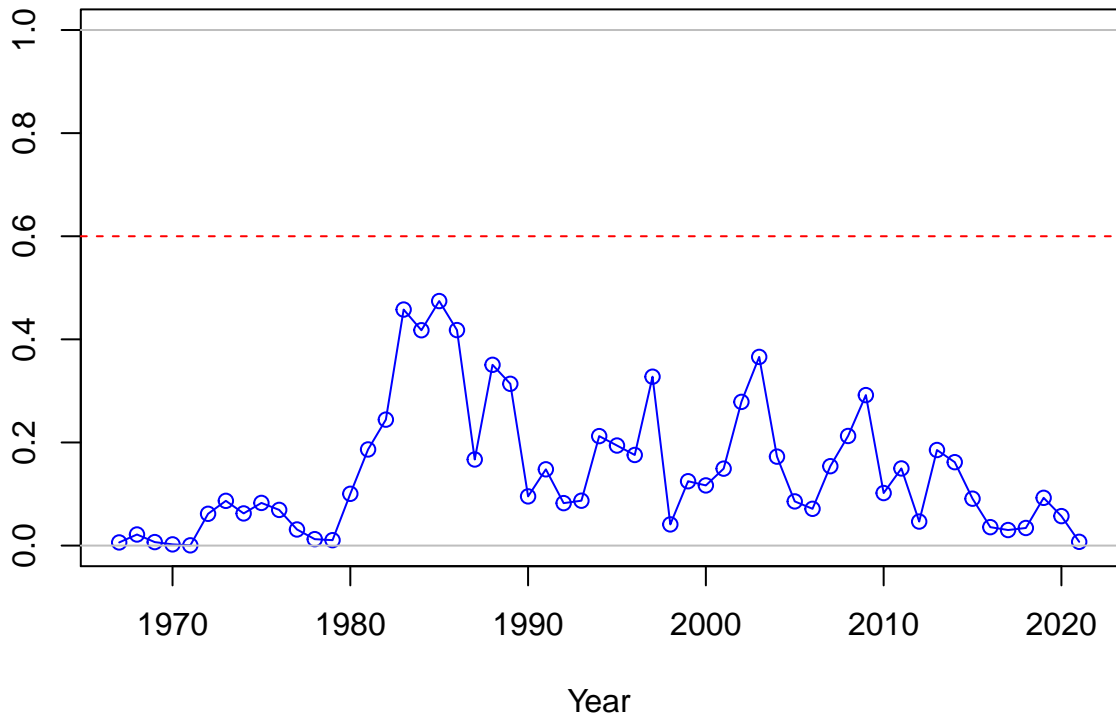




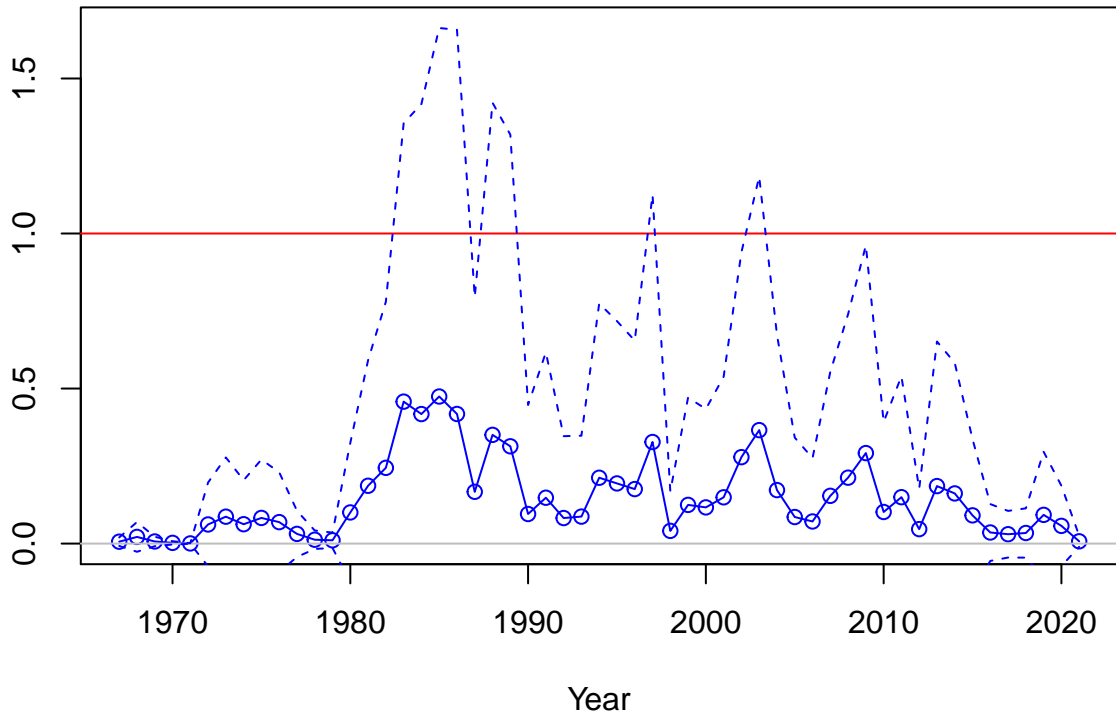
SPR



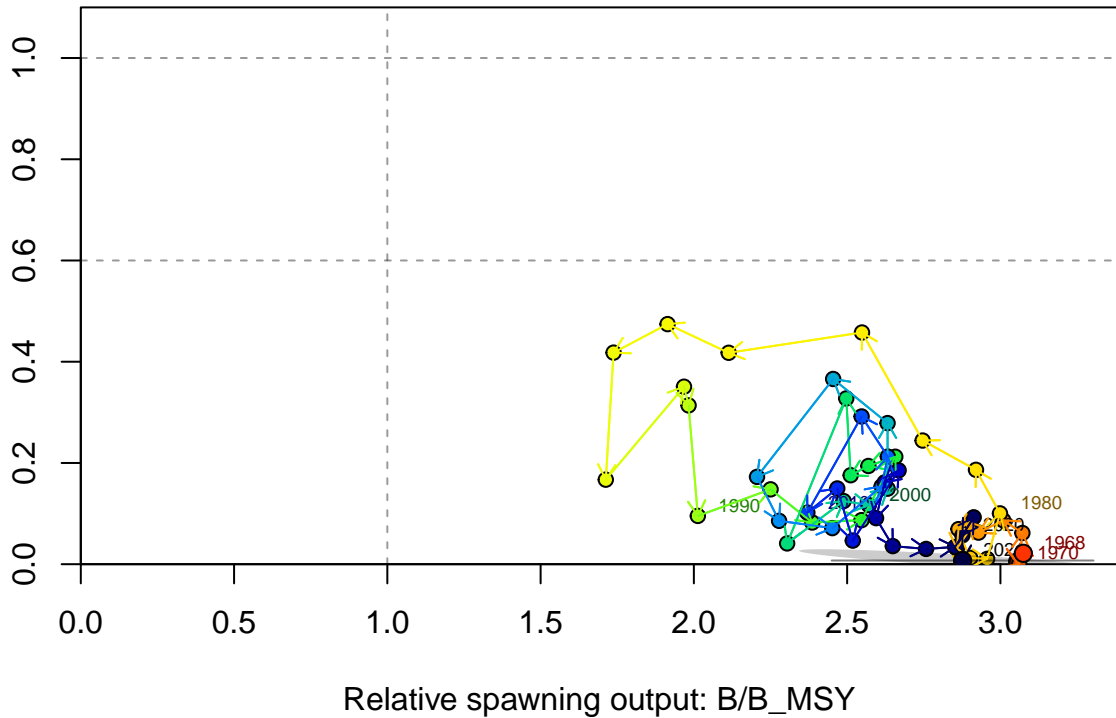
1-SPR



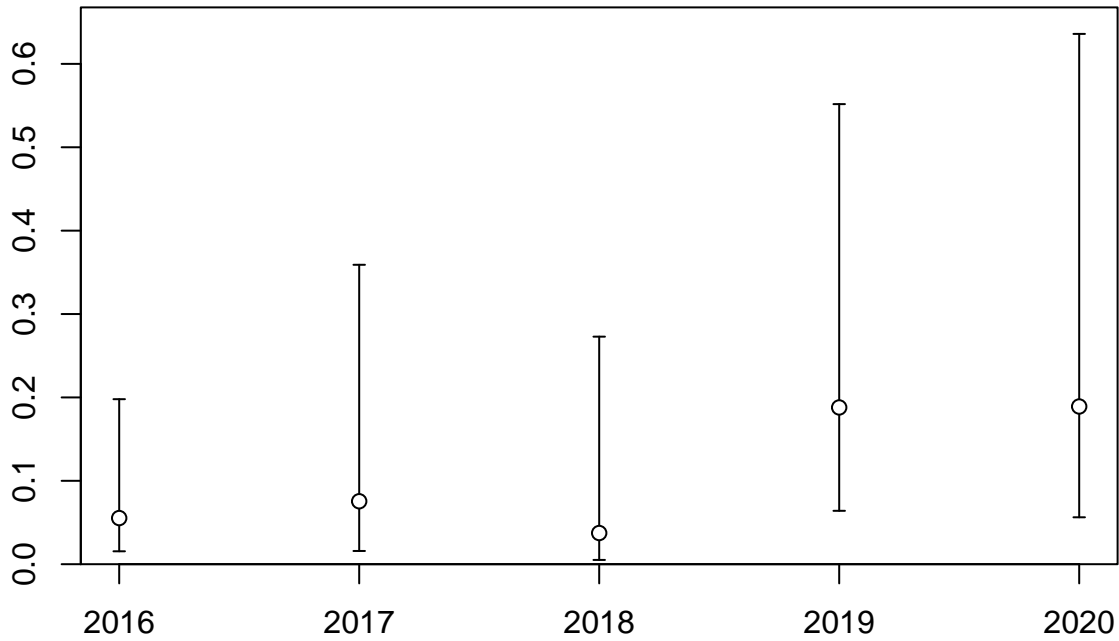
Fishing intensity: 1-SPR



Fishing intensity: 1-SPR

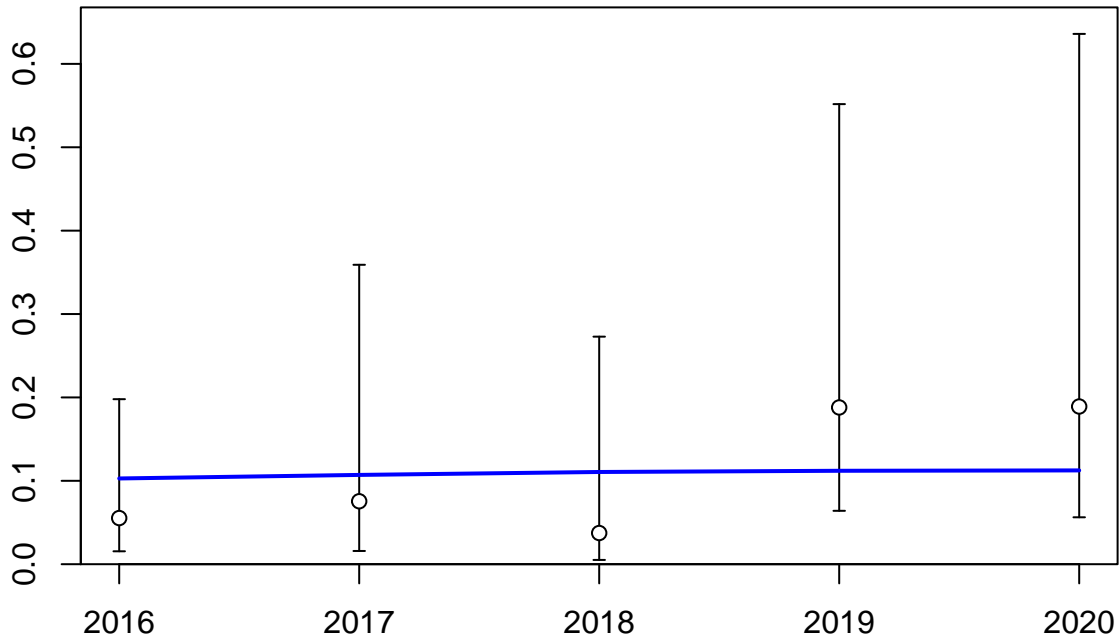


Index

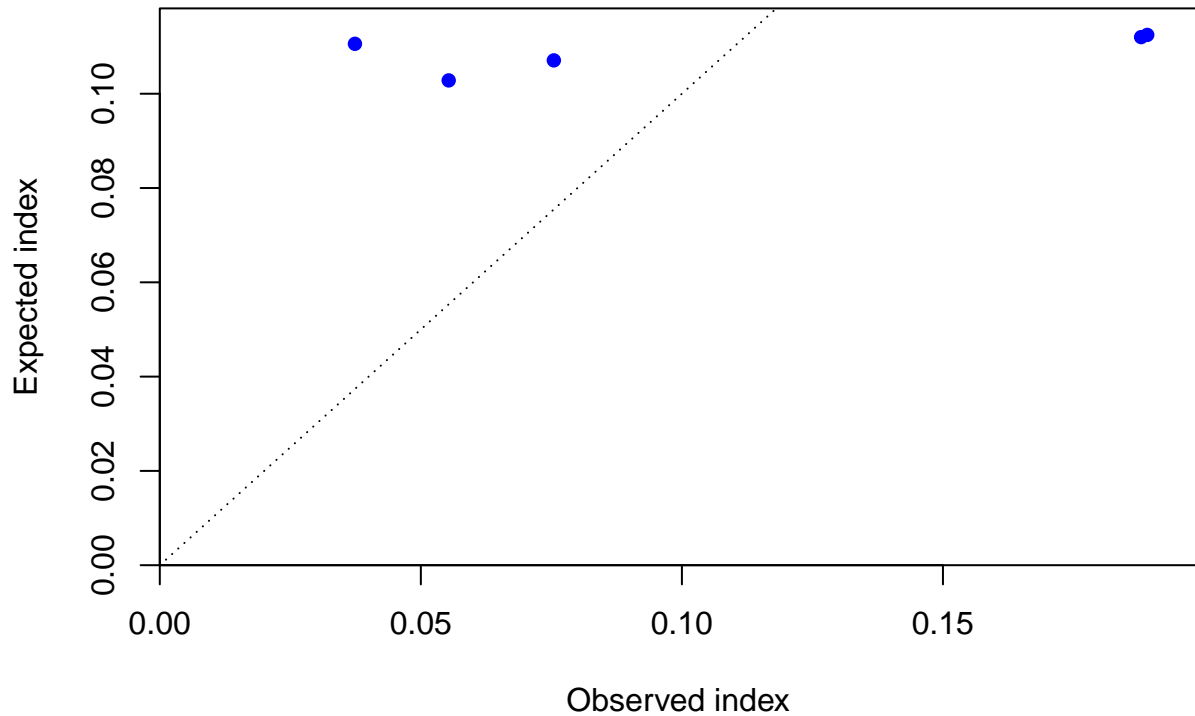


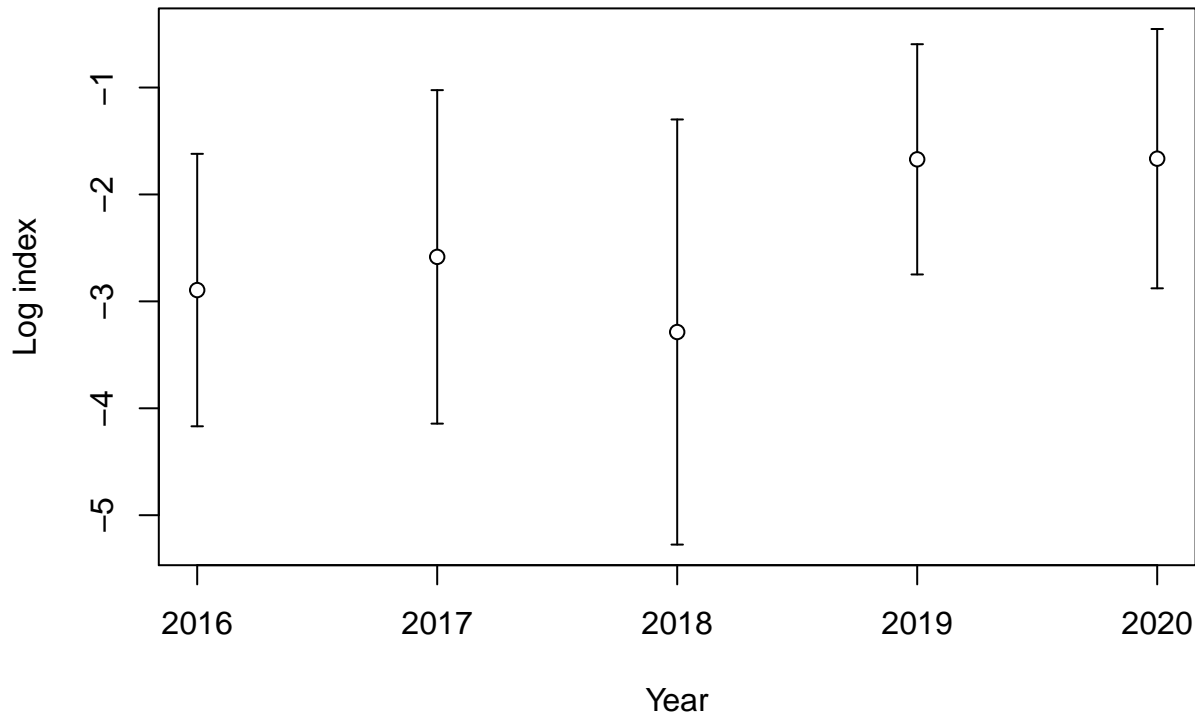
Year

Index

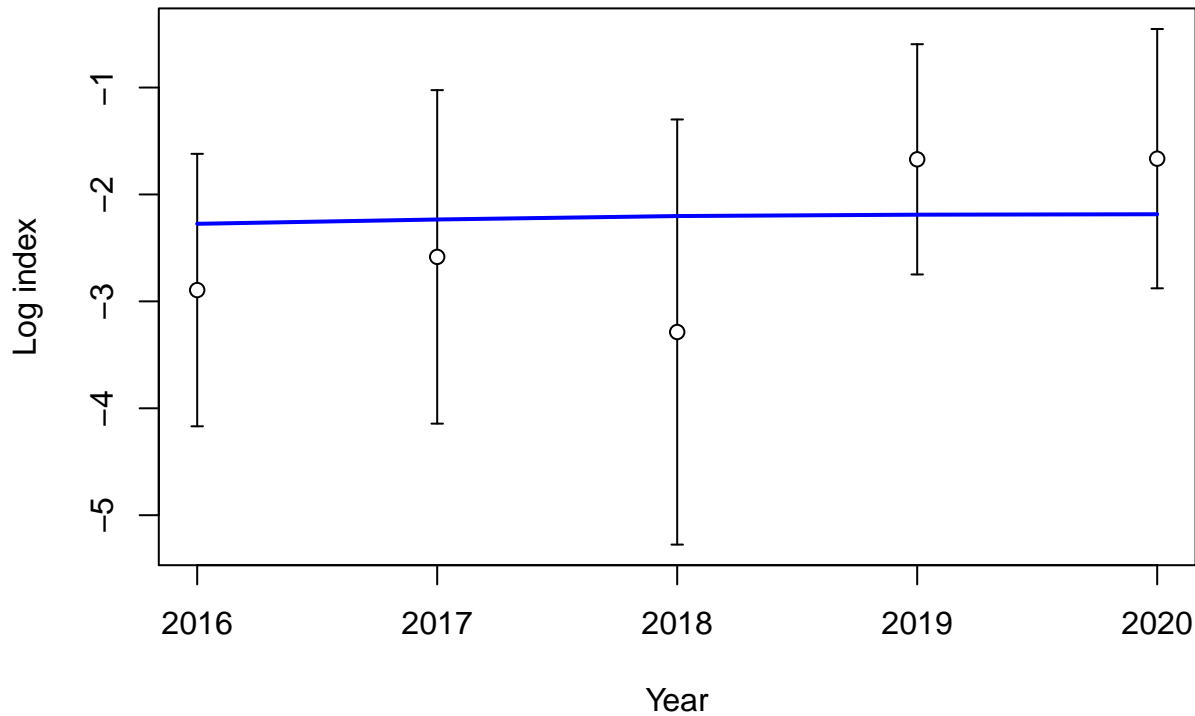


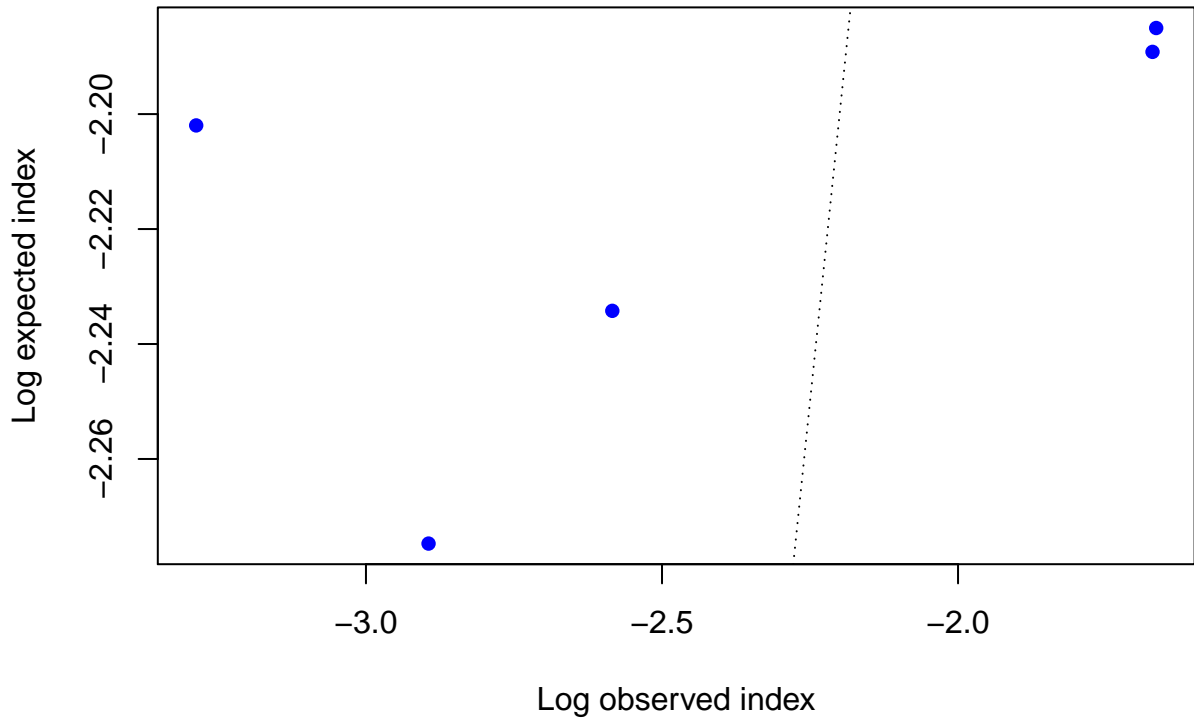
Year

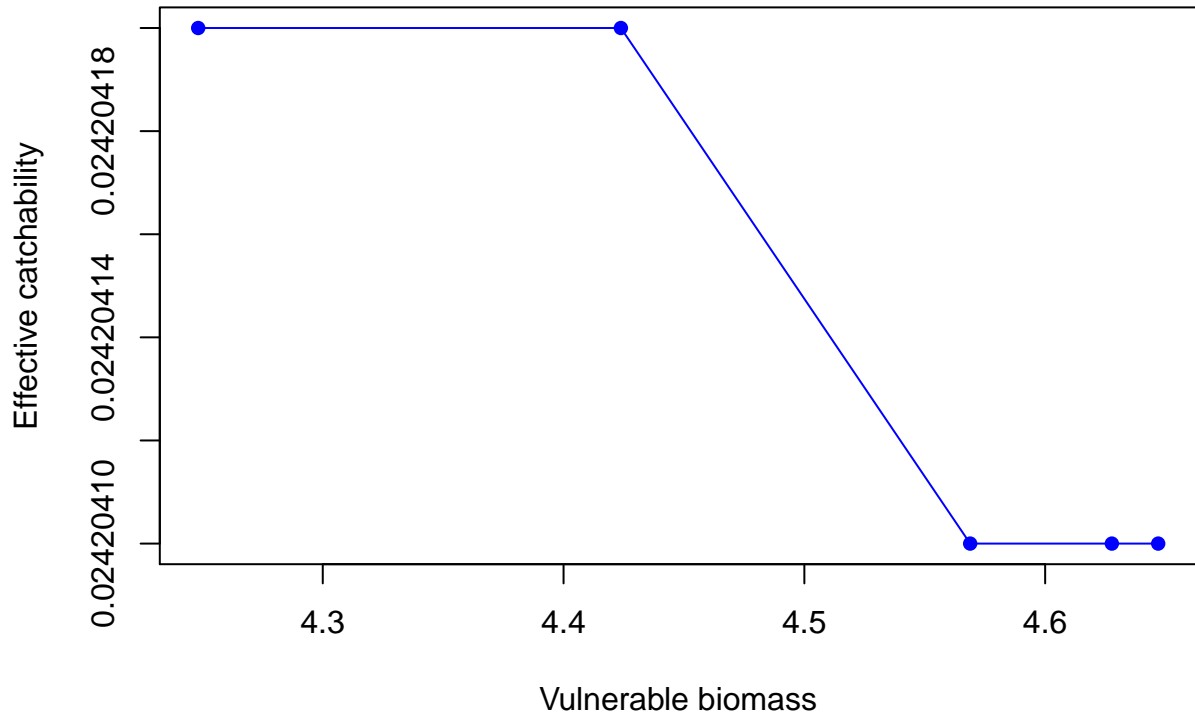




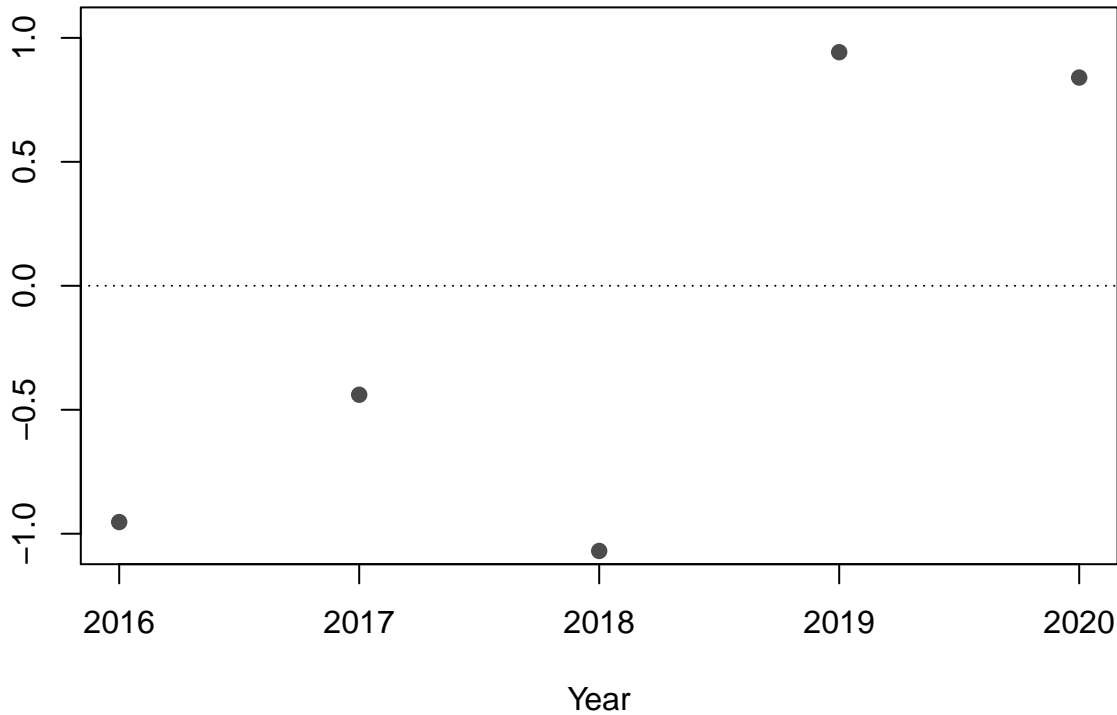




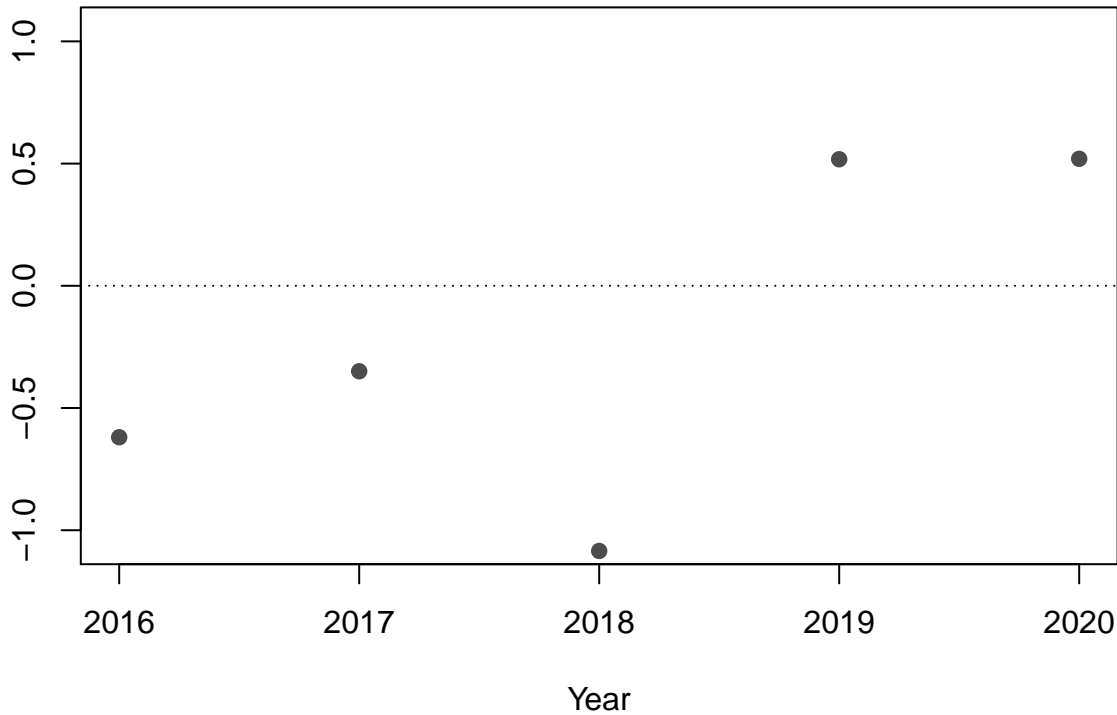


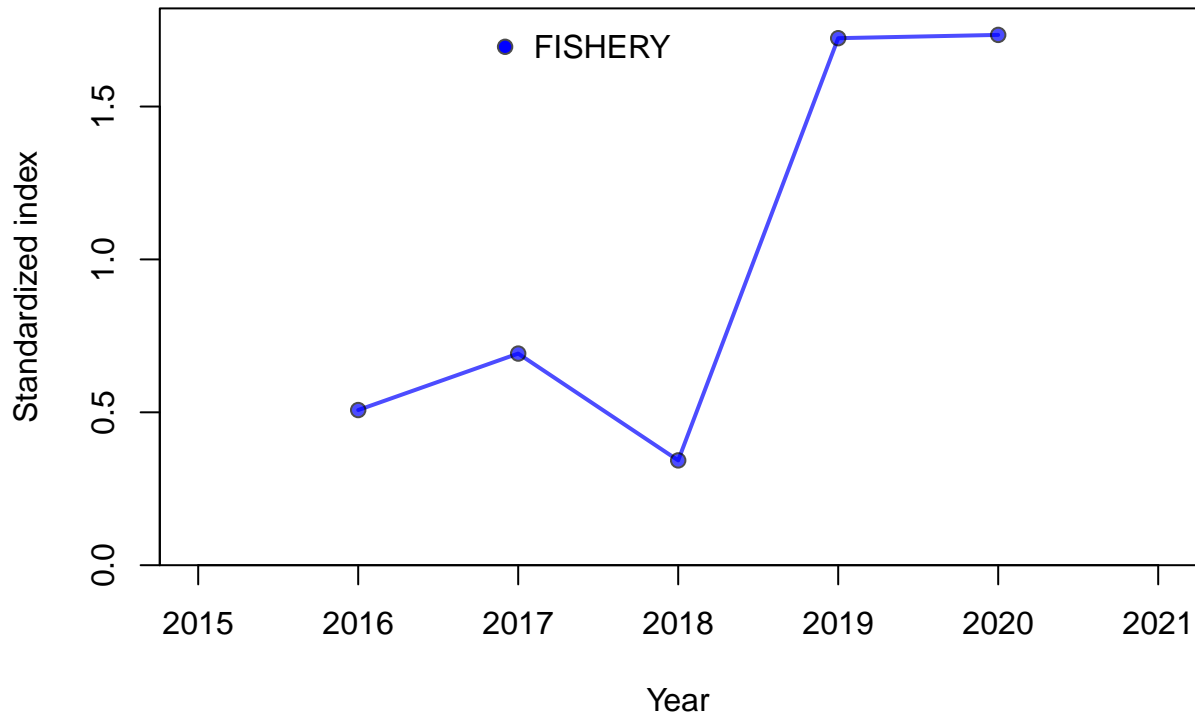


Residual

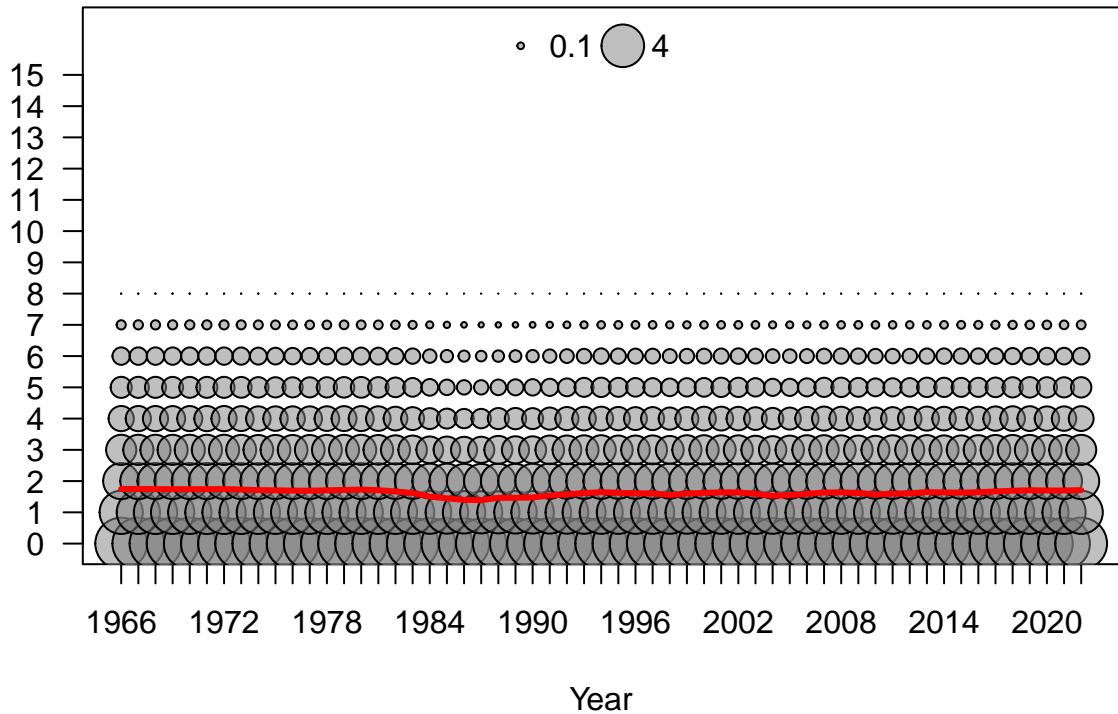


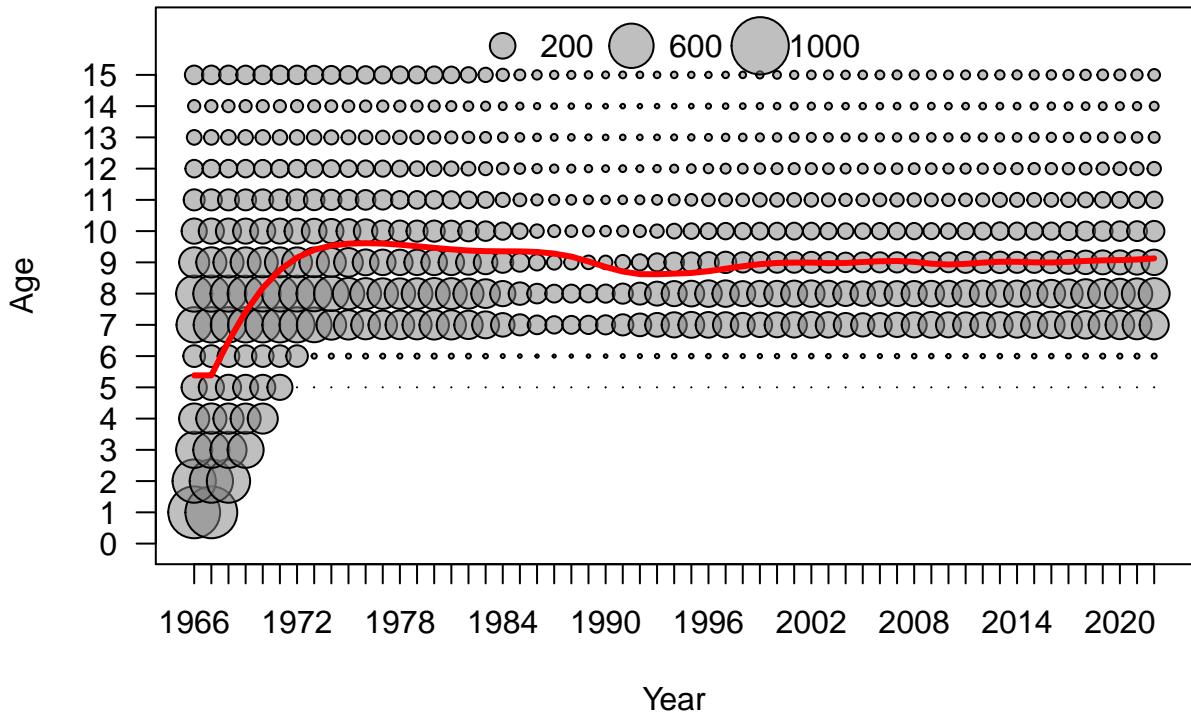
Deviation



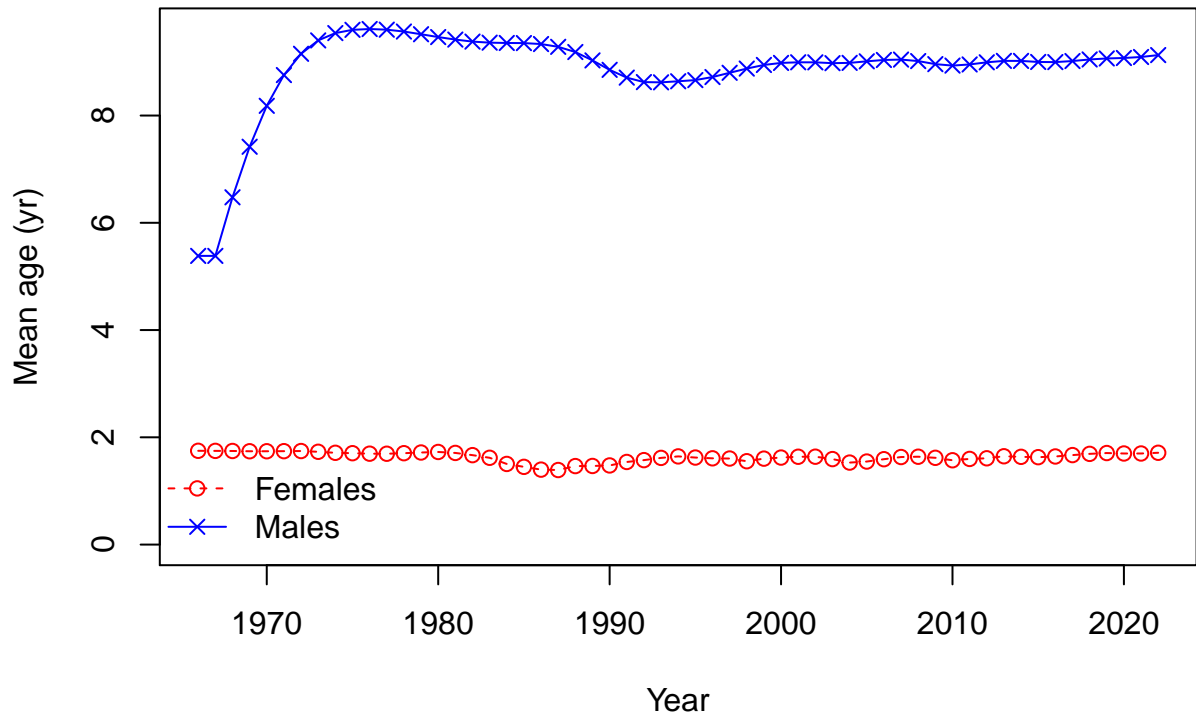


Age

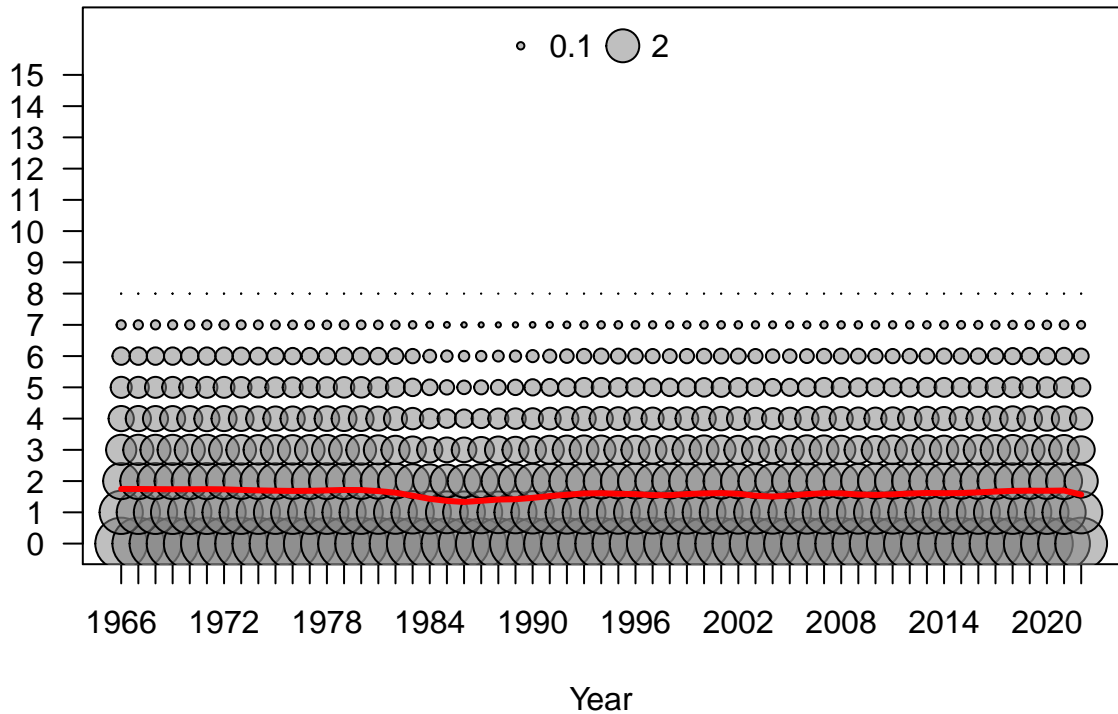


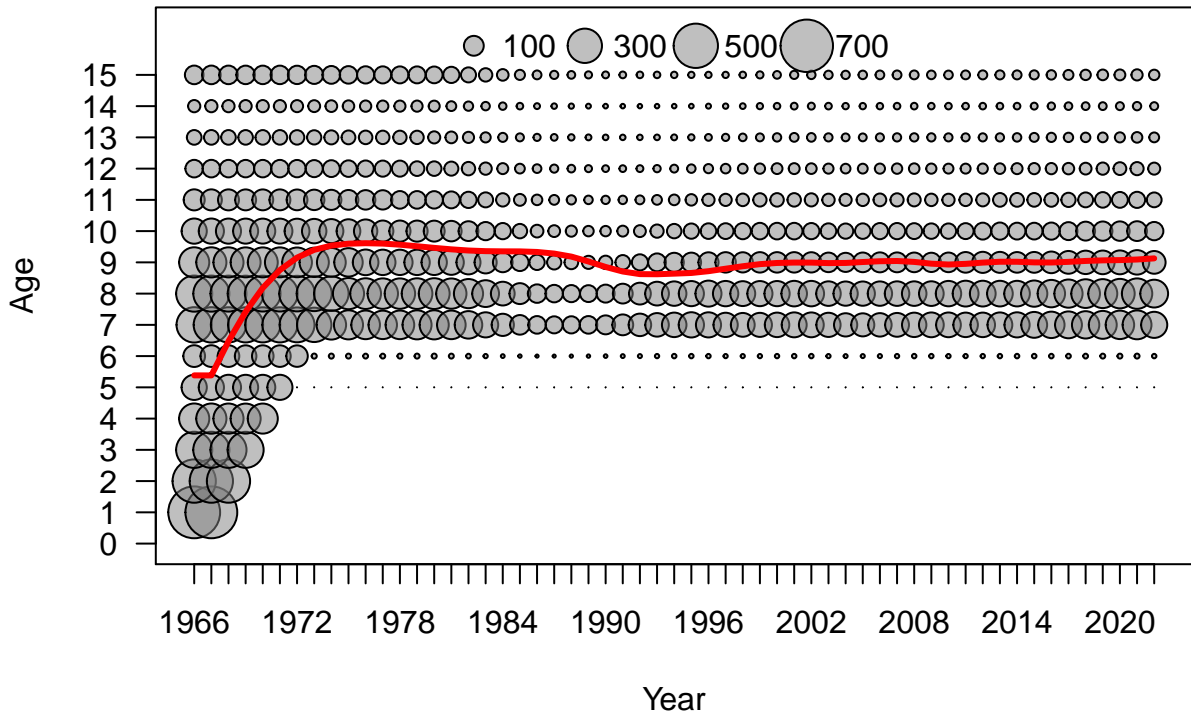


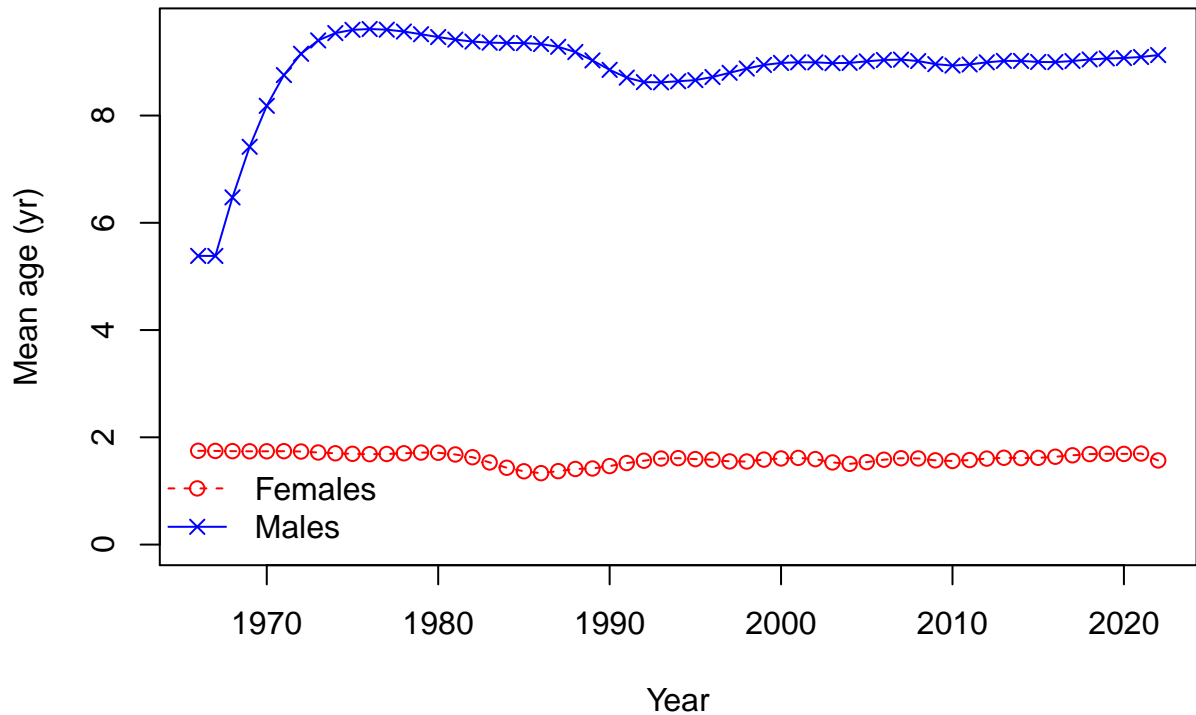


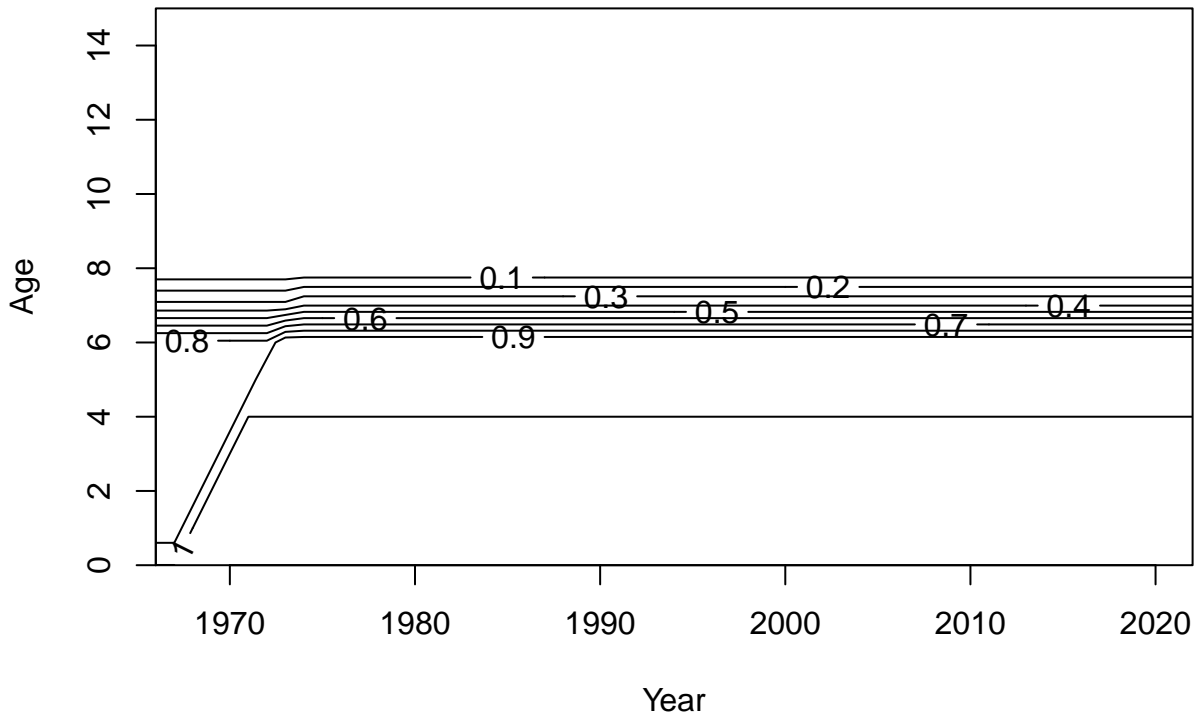


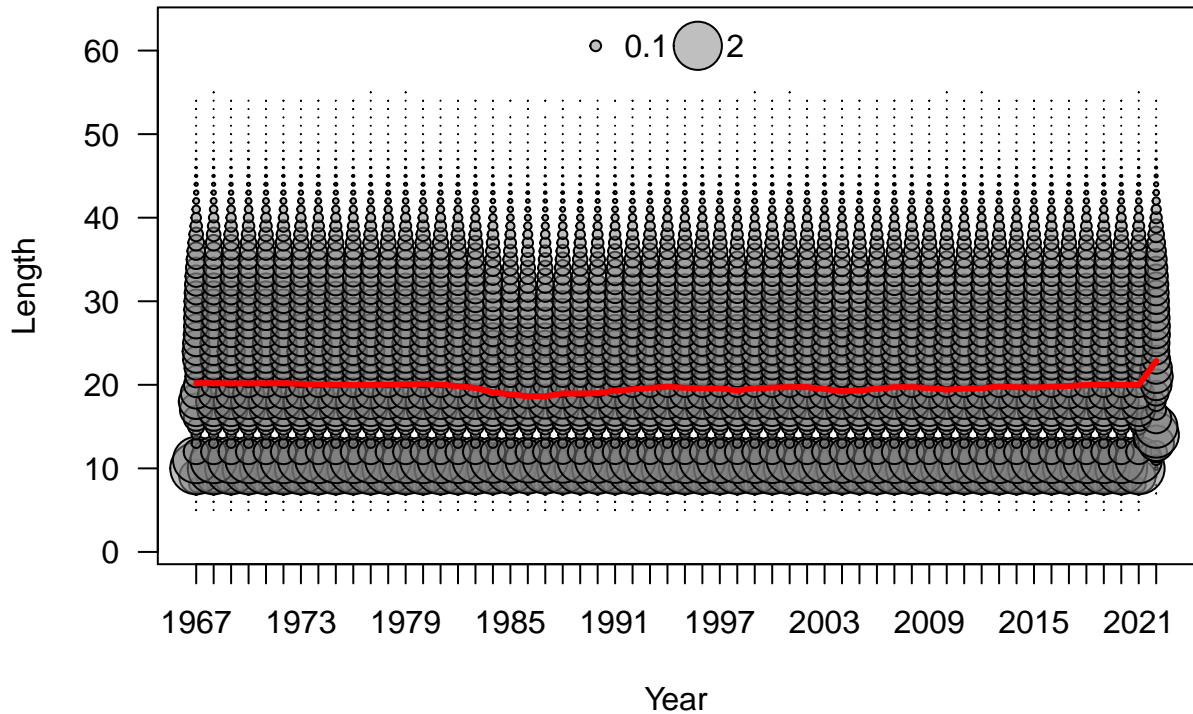
Age

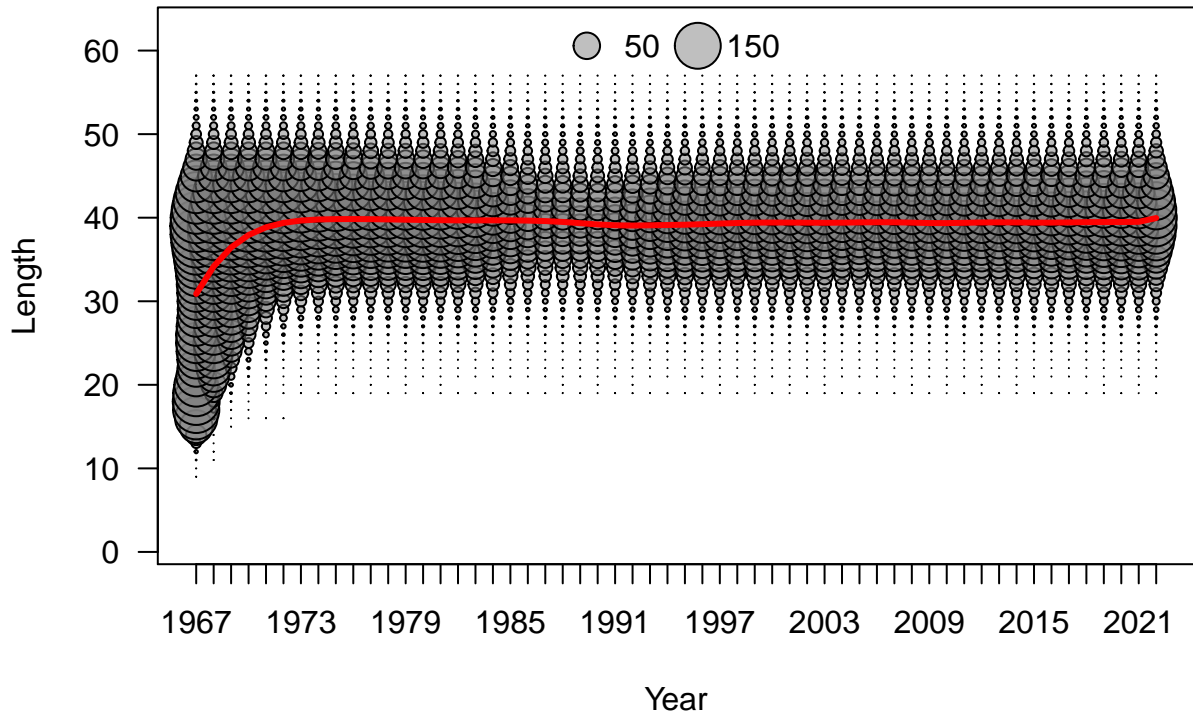


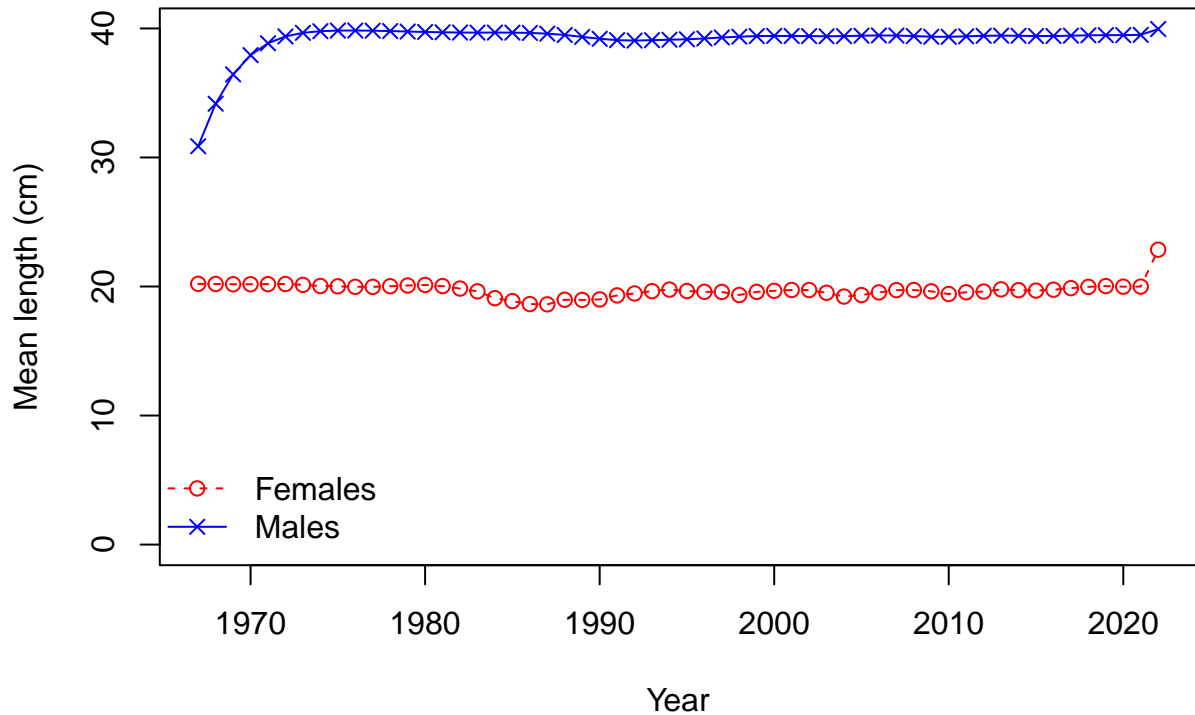




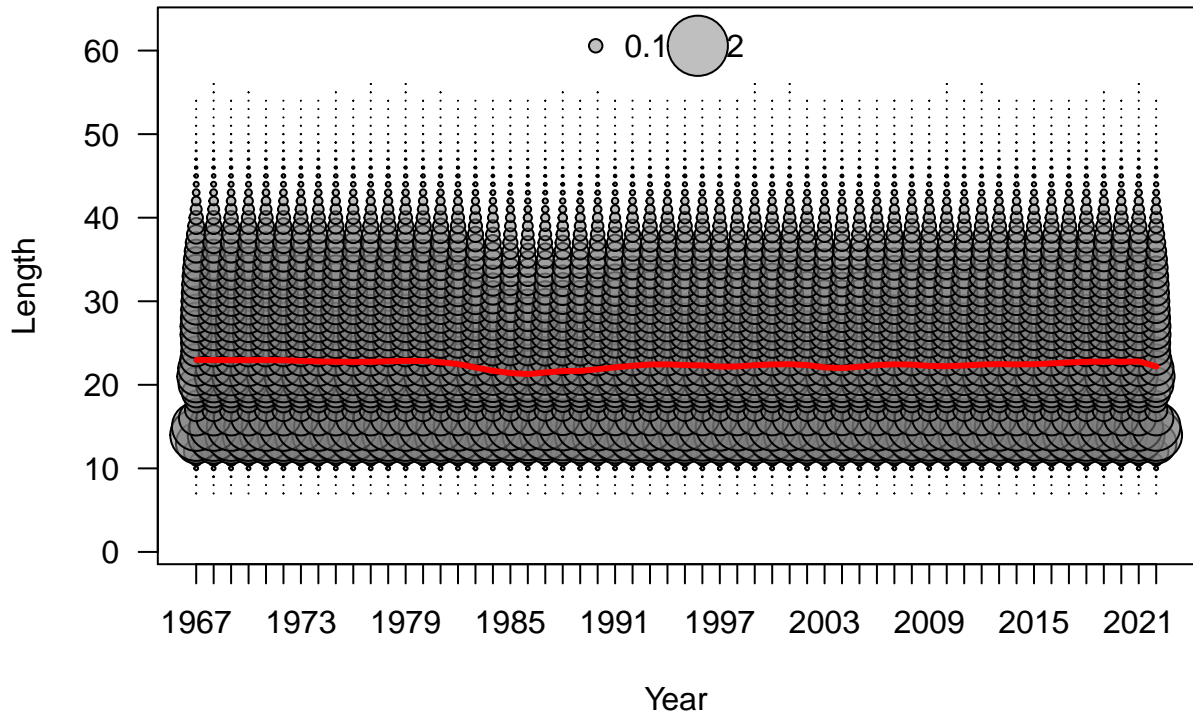


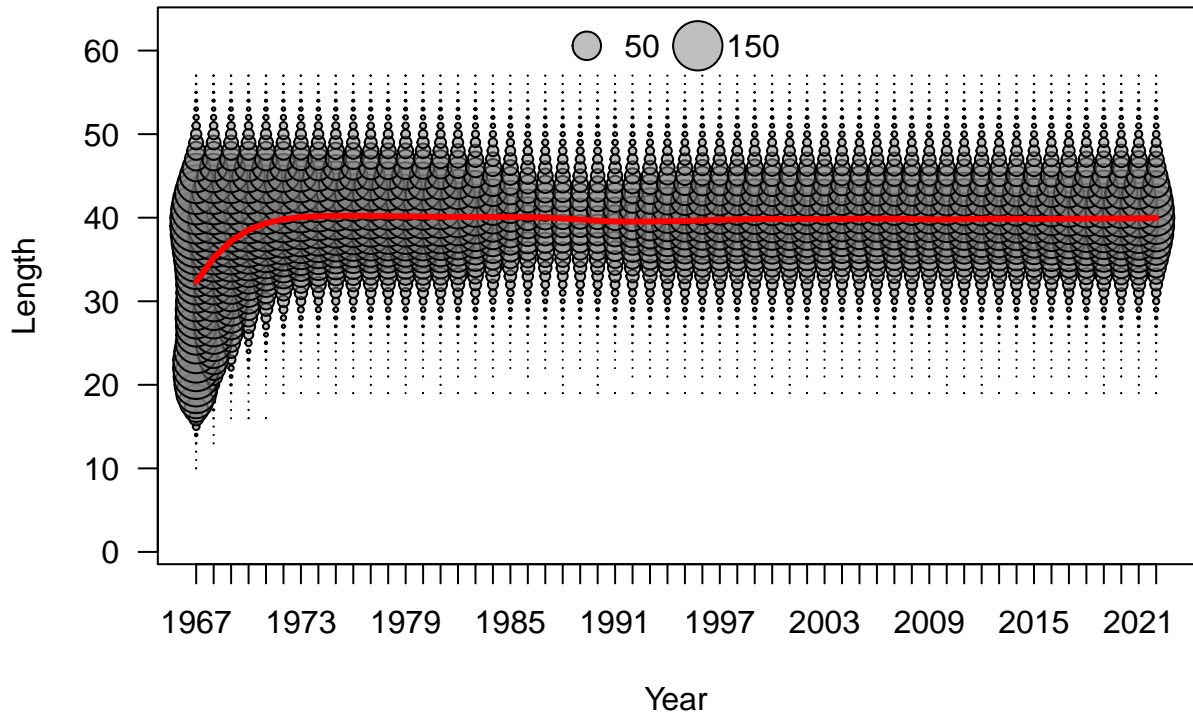


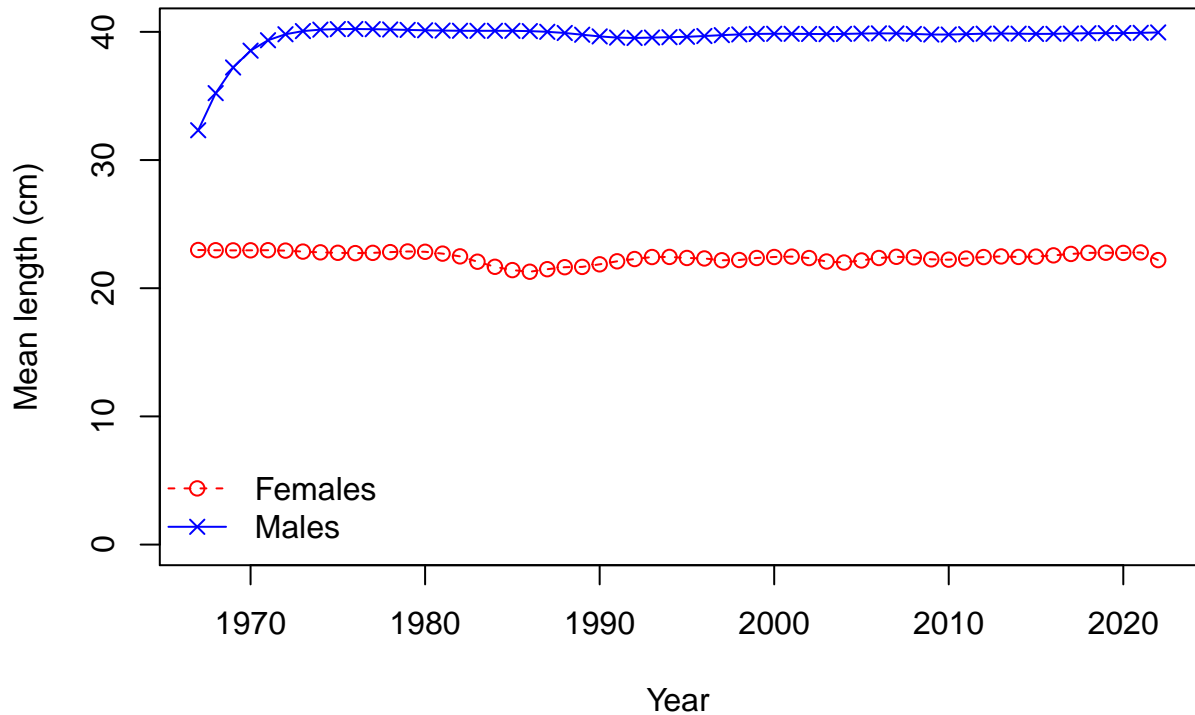


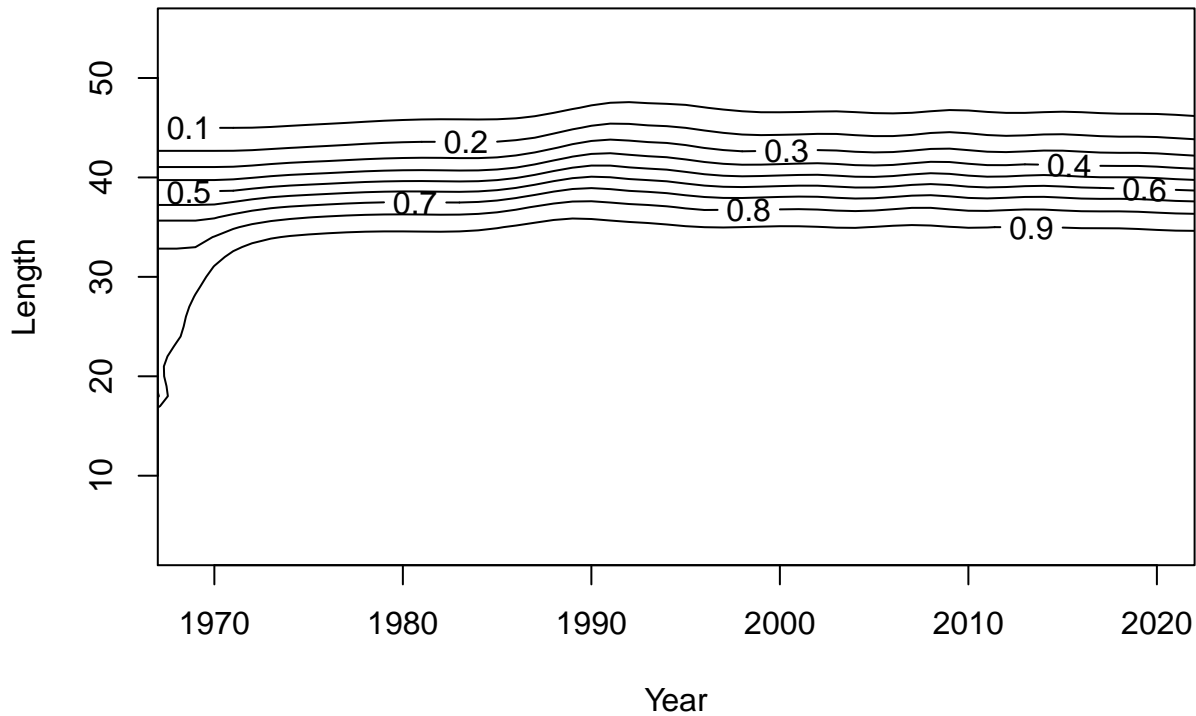


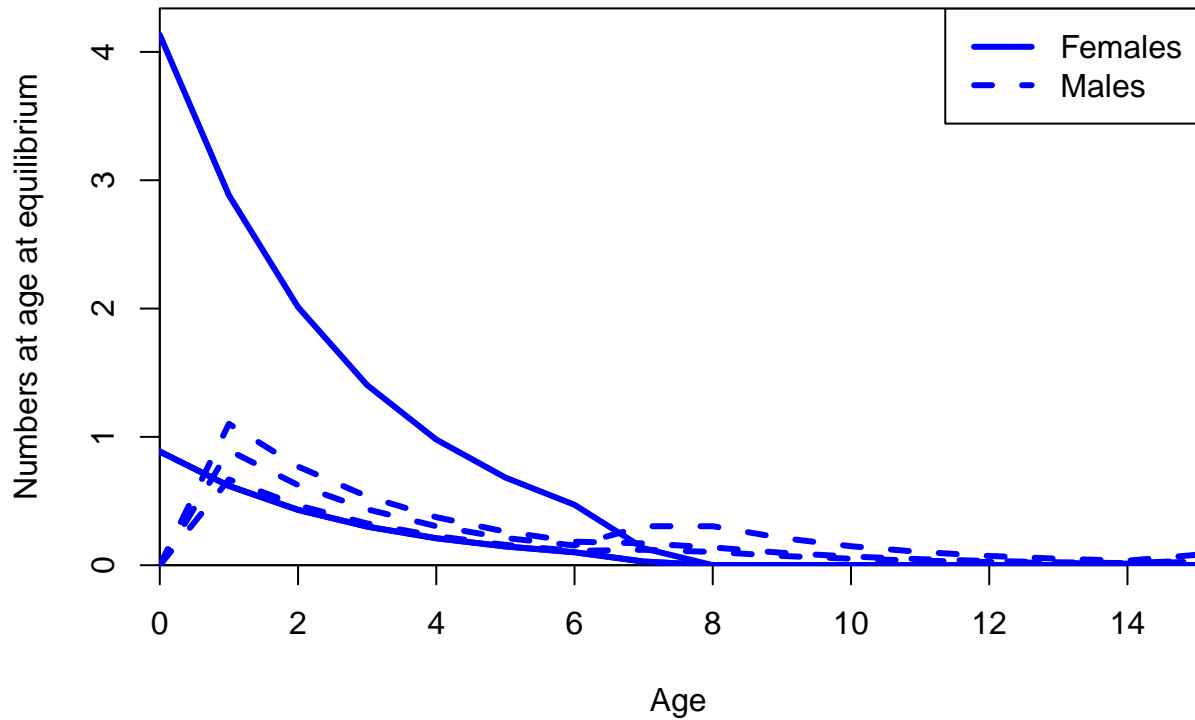






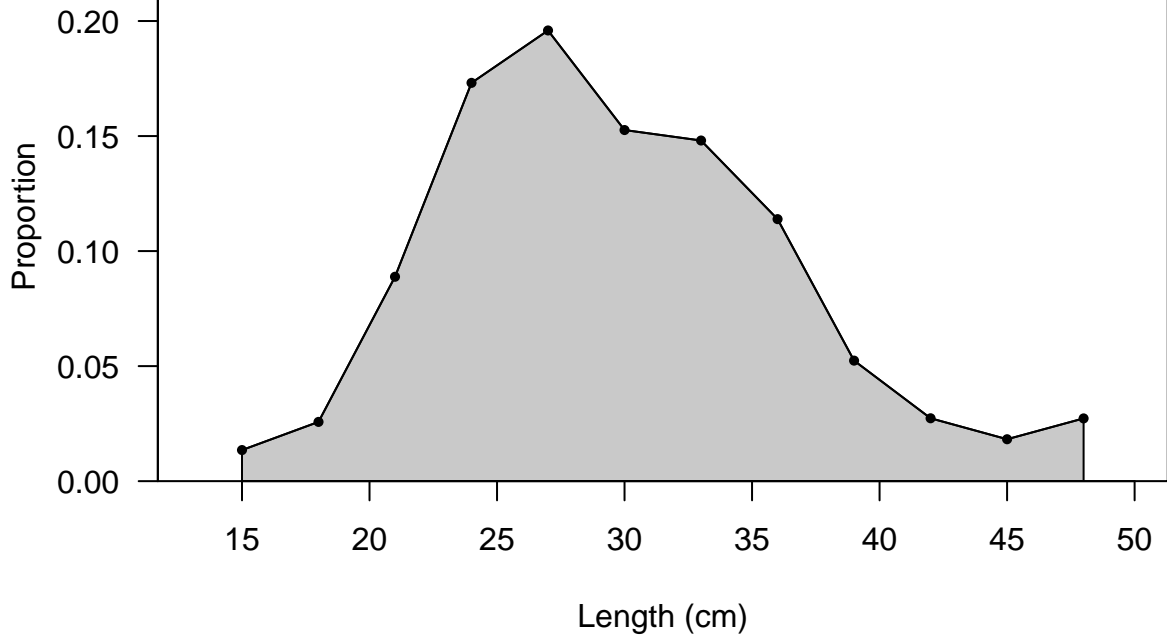


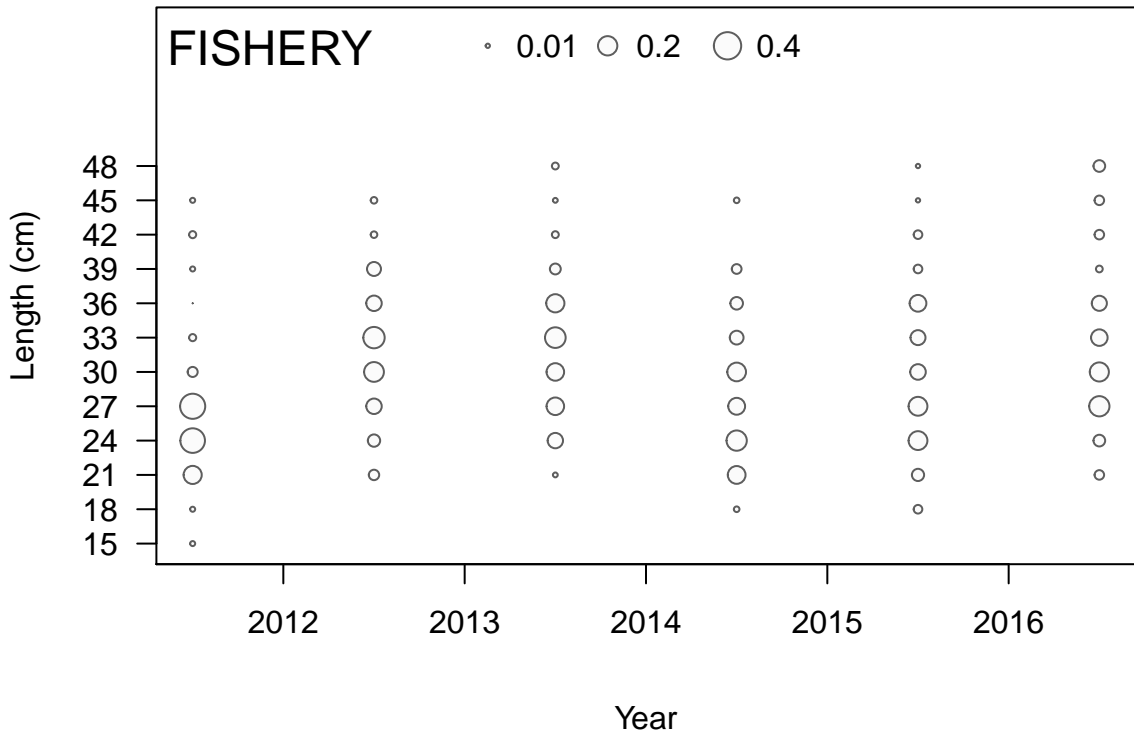




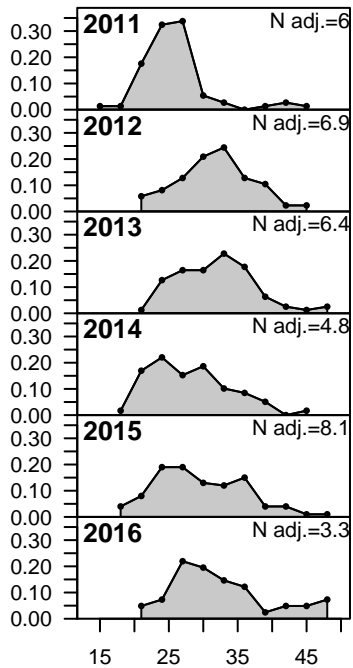
# FISHERY

Sum of N adj.=35.4



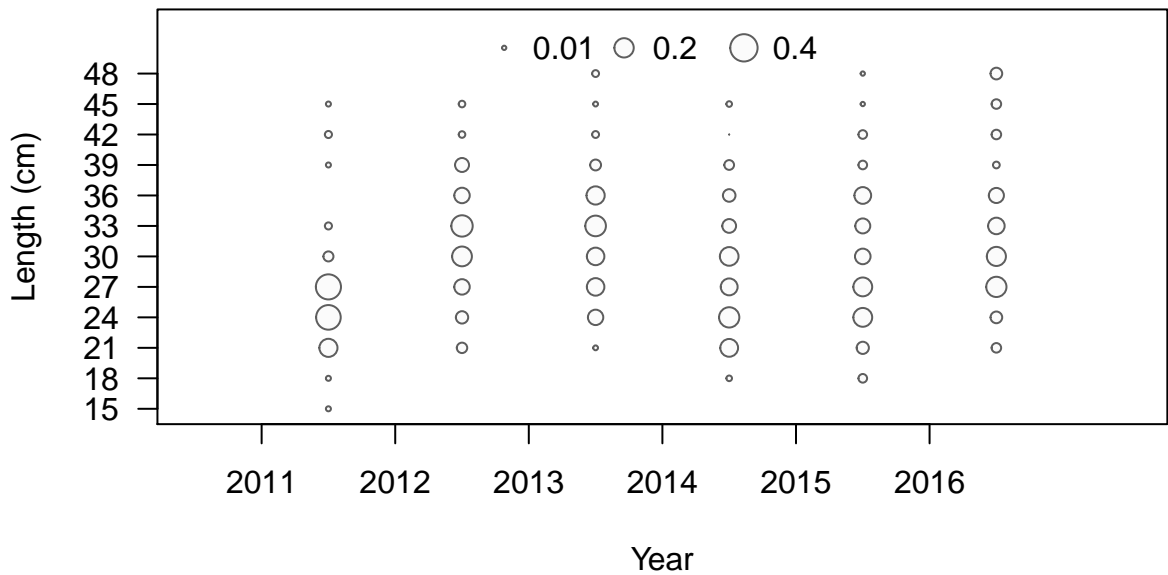


Proportion

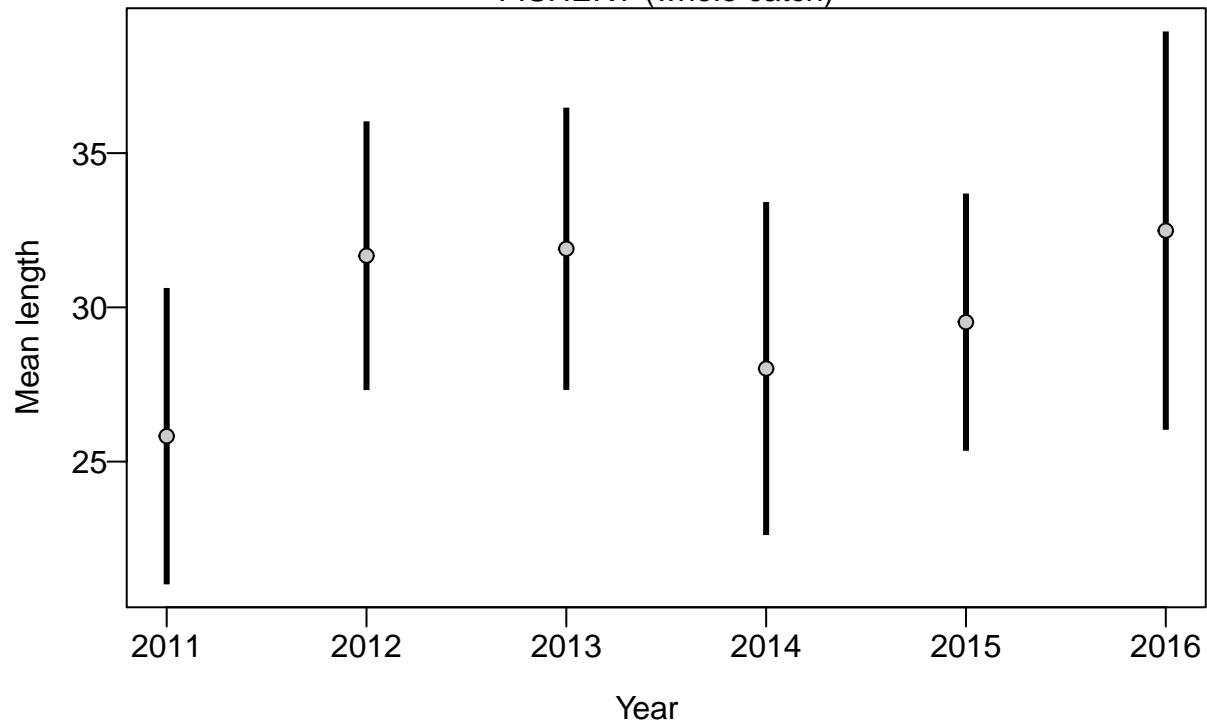


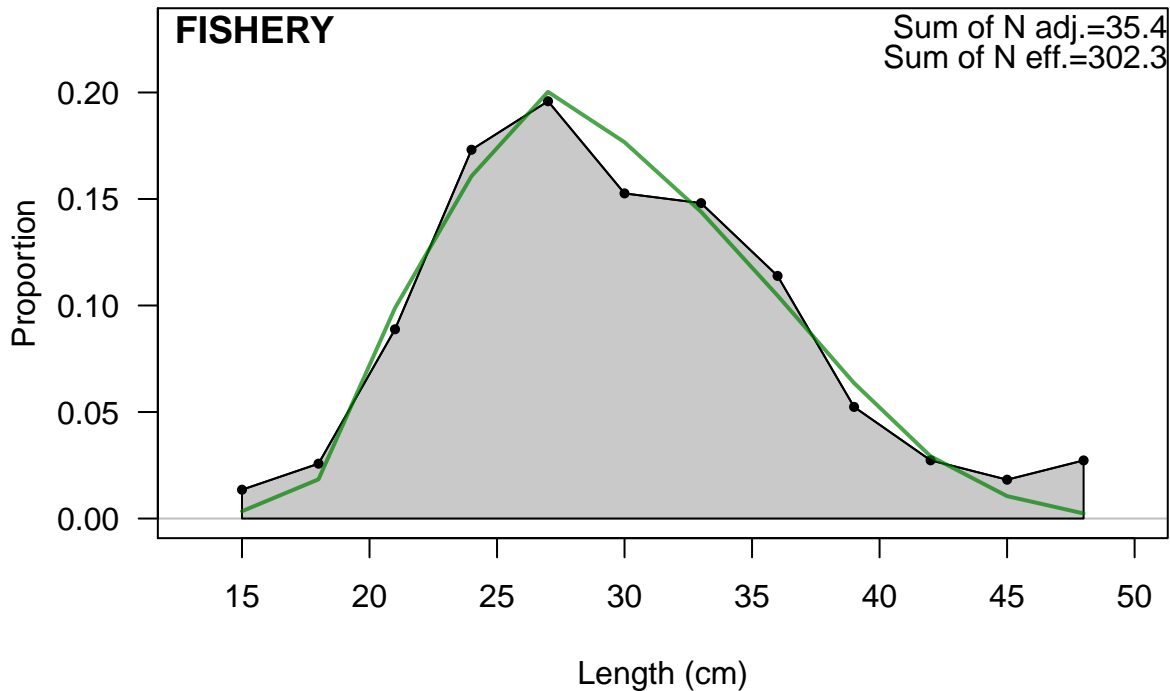
Length (cm)

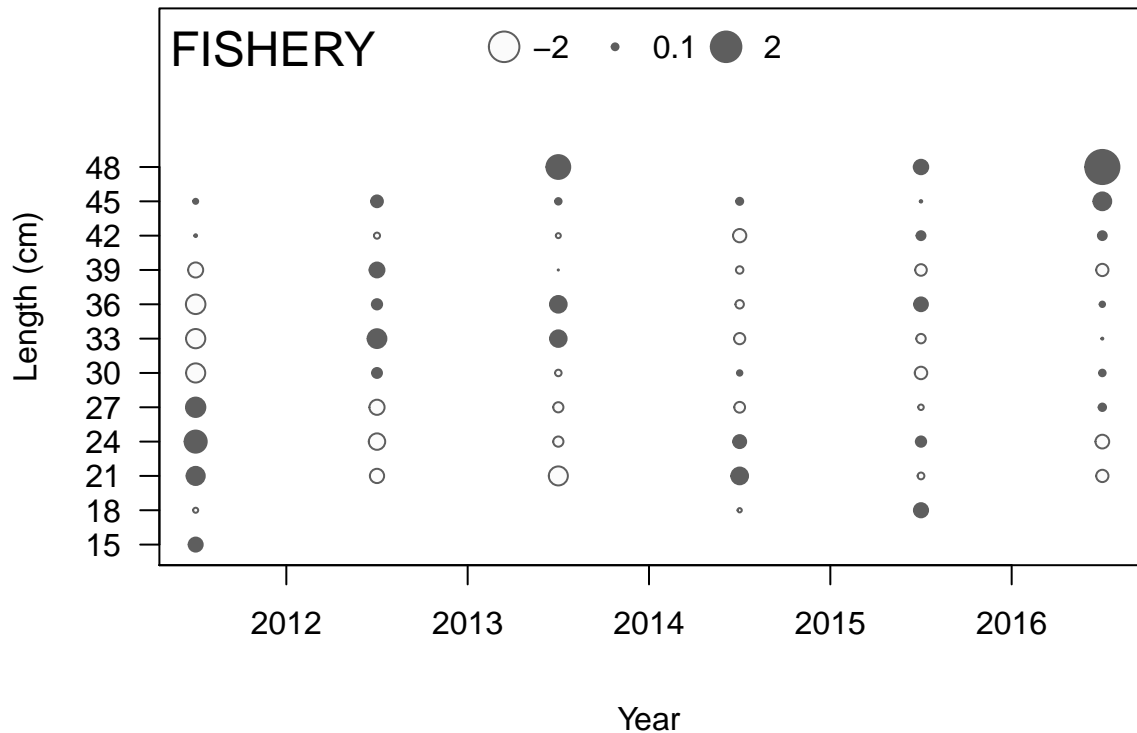




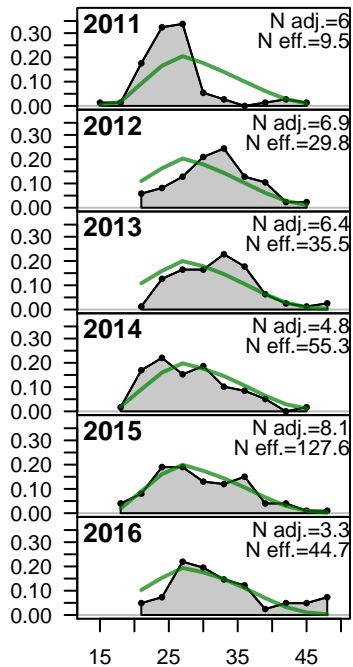
FISHERY (whole catch)



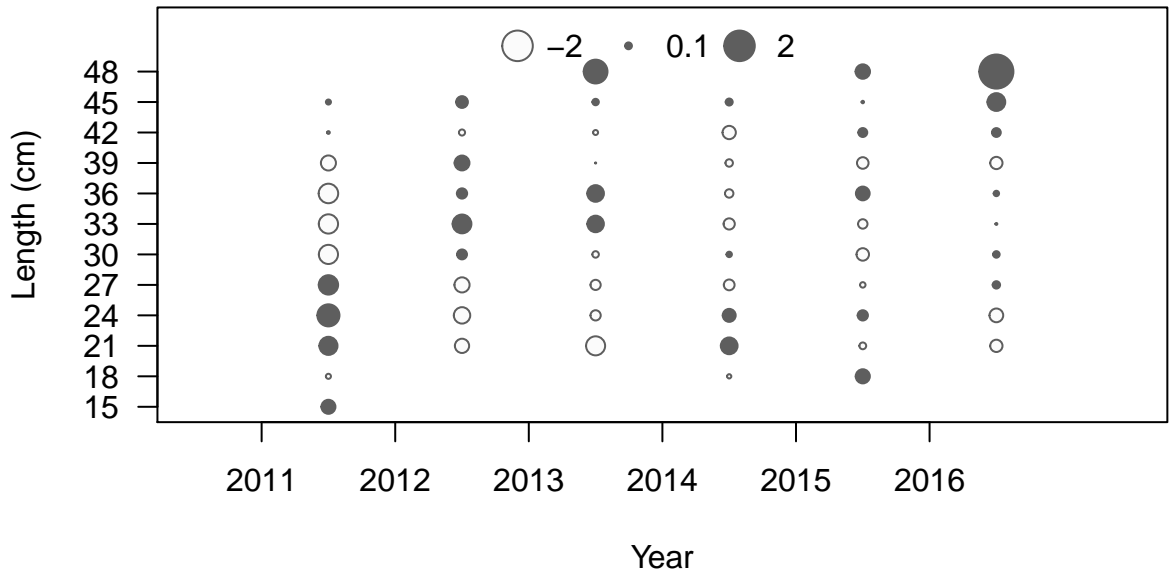


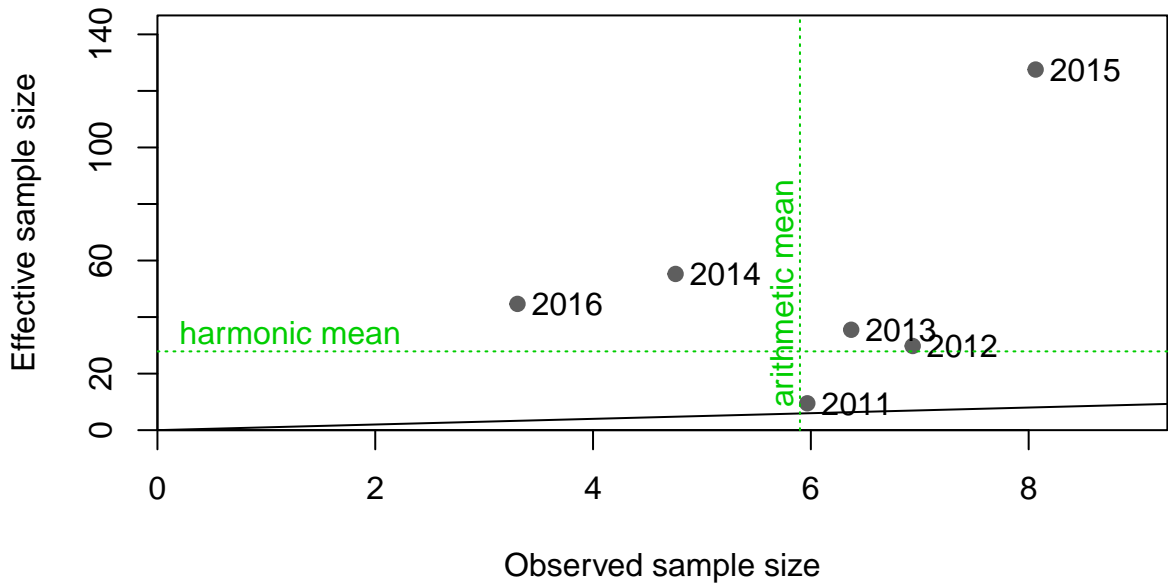


Proportion

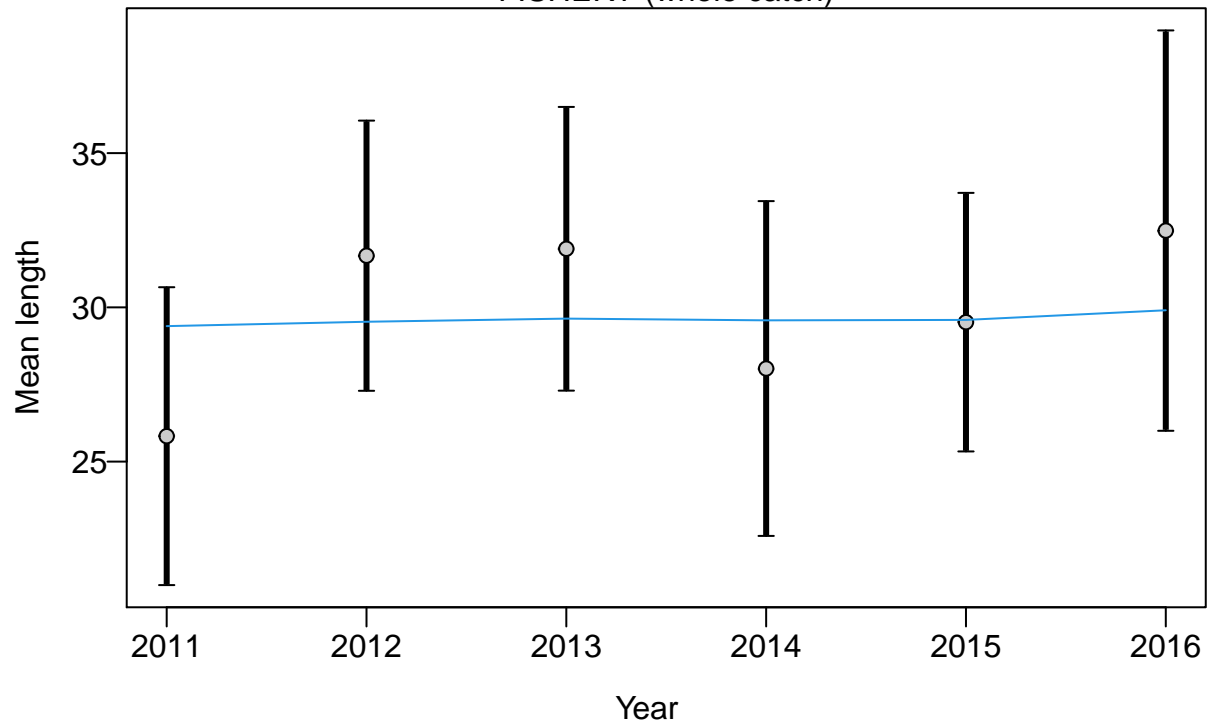


Length (cm)

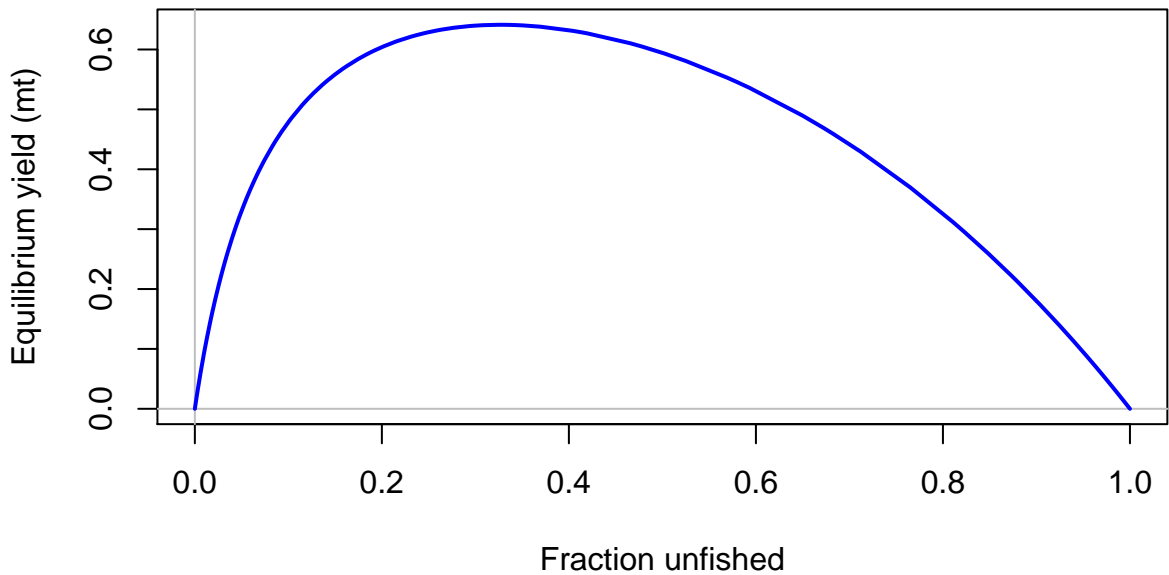


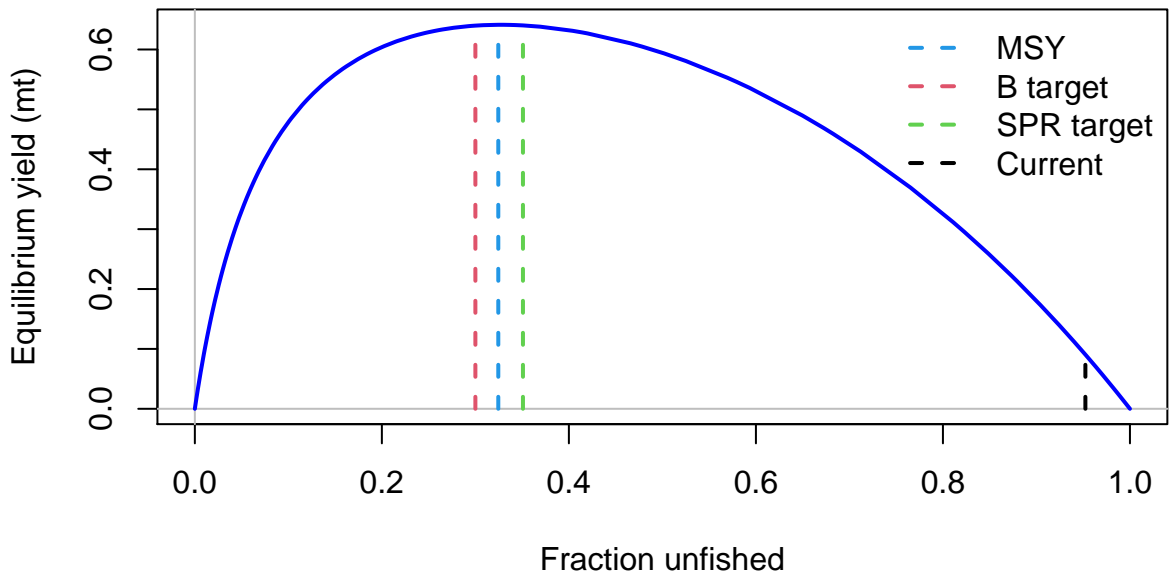


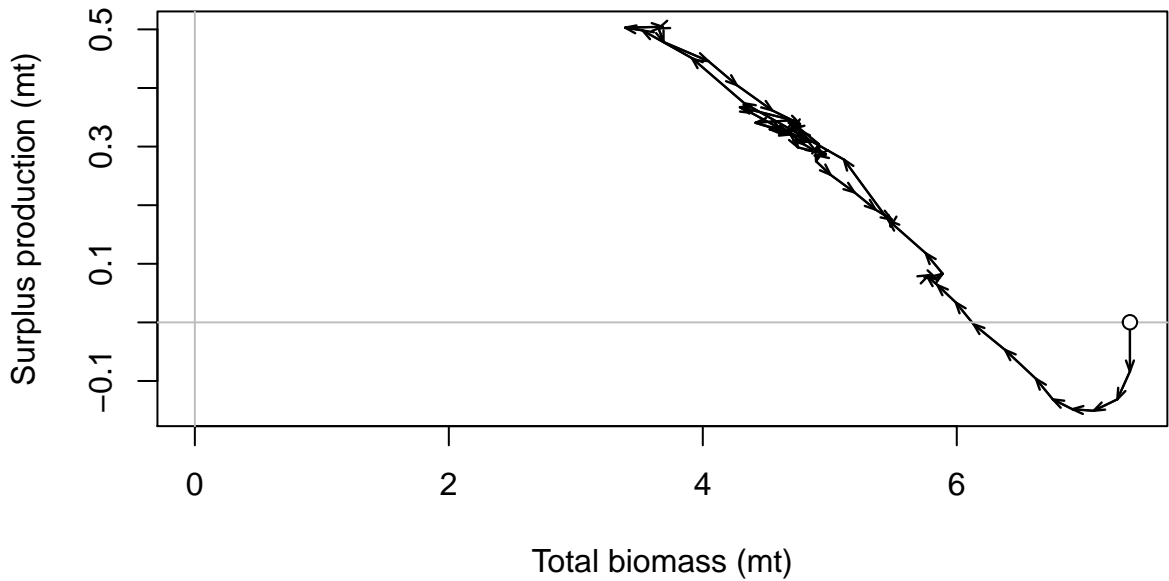
FISHERY (whole catch)

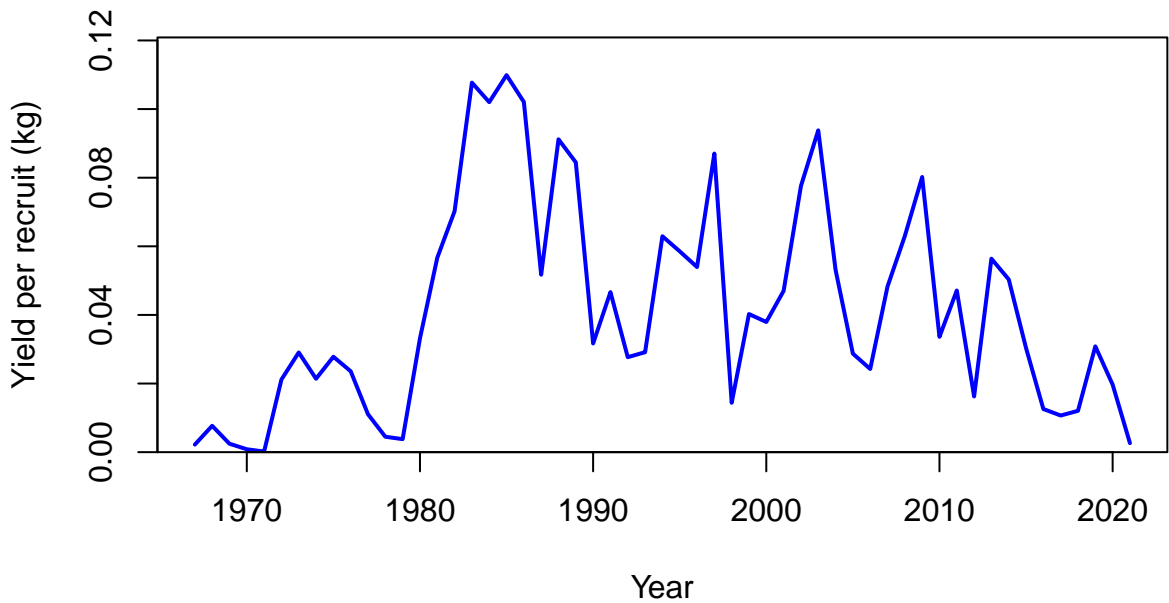


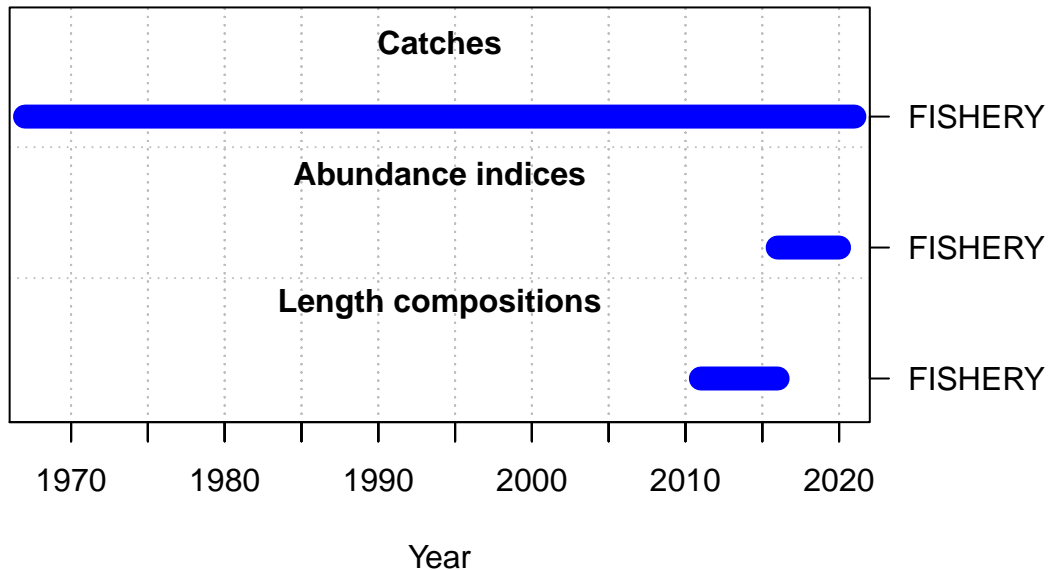


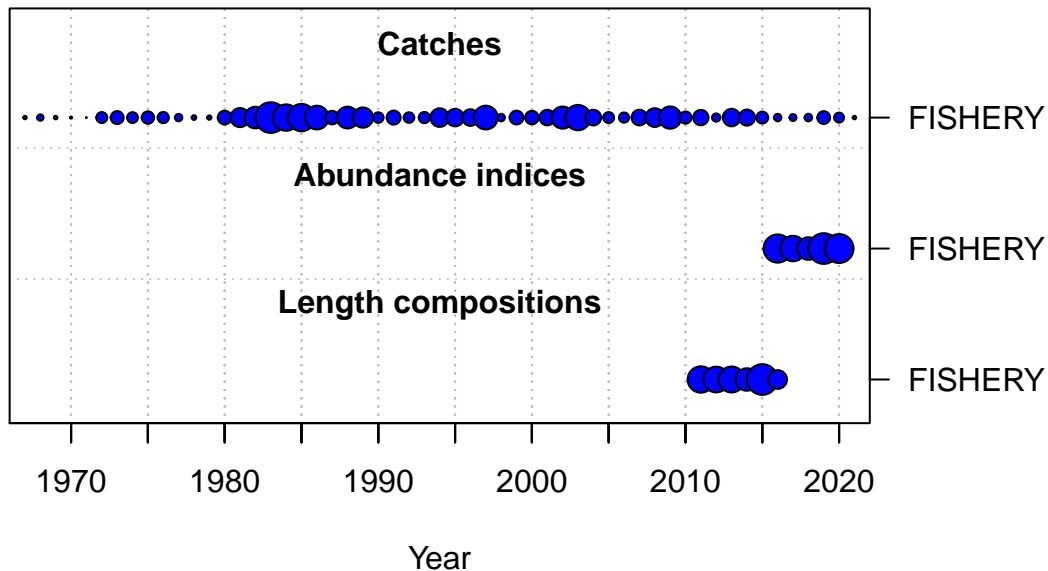




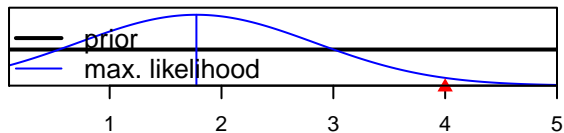




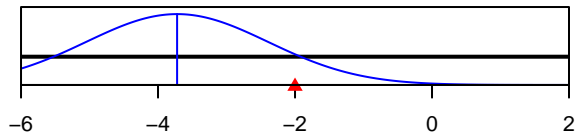




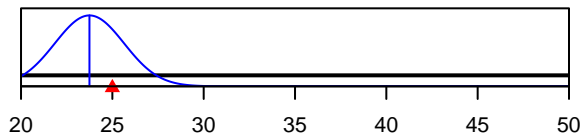
SR\_LN(R0)



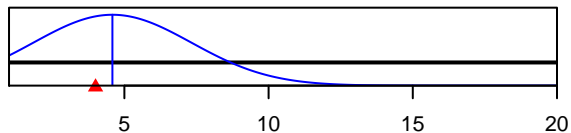
LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Size\_95%width\_FISHERY(1)



Parameter value