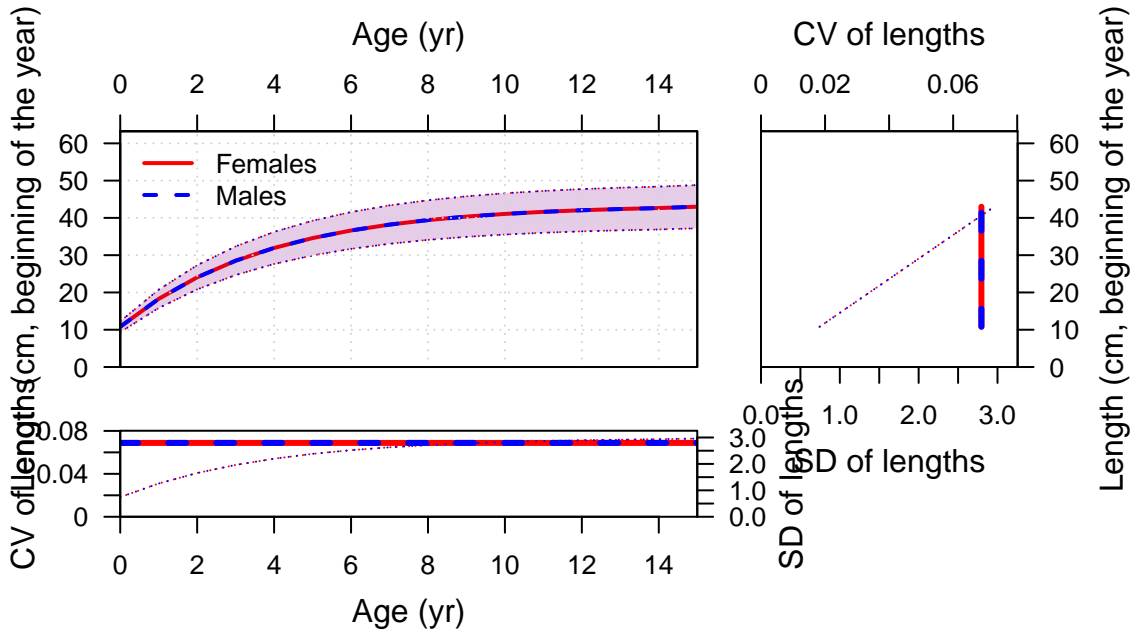


Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Fri Aug 12 16:46:42 2022  
Data\_File: data.ss  
Control\_File: control.ss

Length (cm, beginning of the year)











































Fecundity



Fecundity



Spawning output

3

2

1

0

0

10

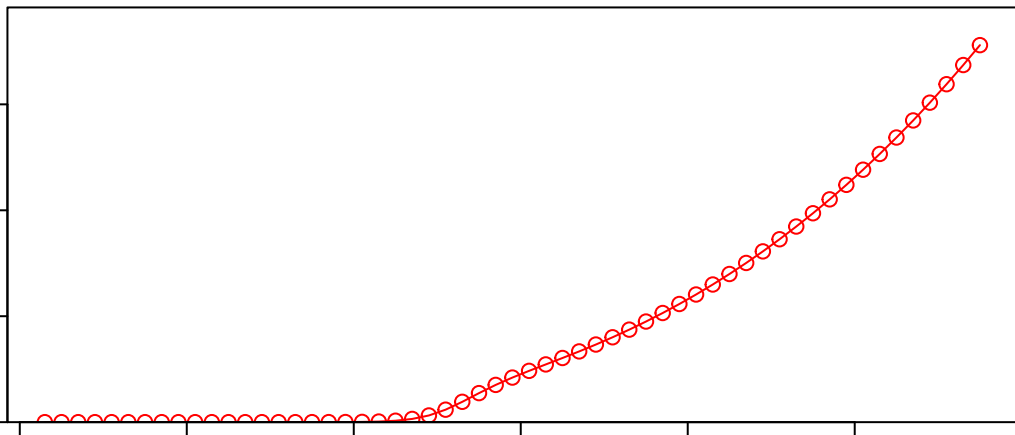
20

30

40

50

Length (cm)







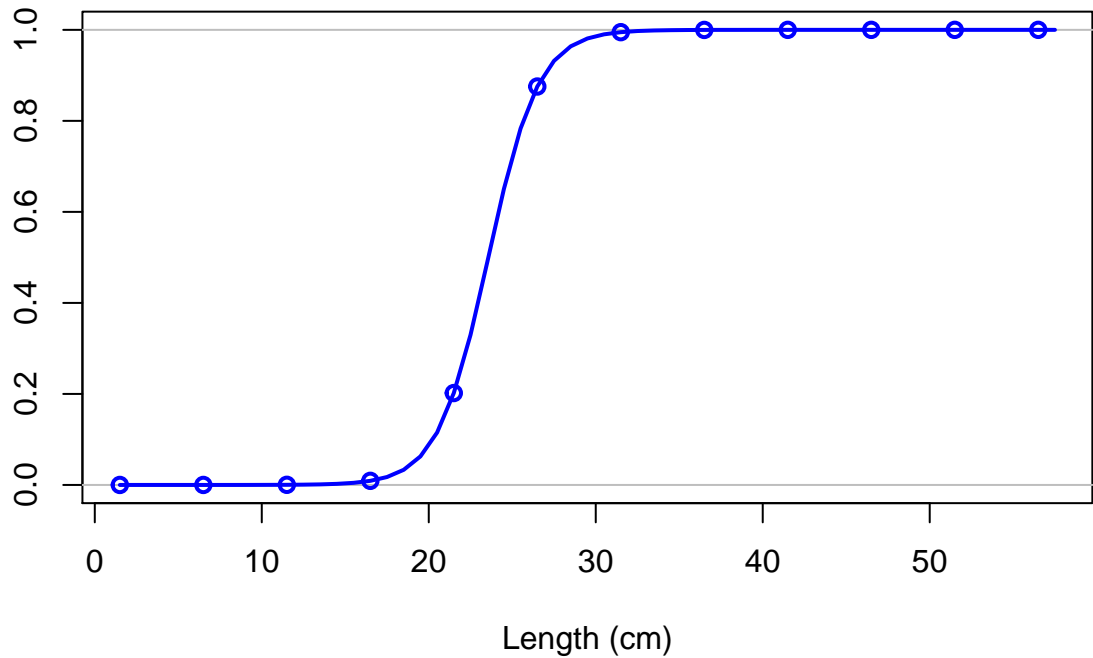
Hermaphroditism transition rate



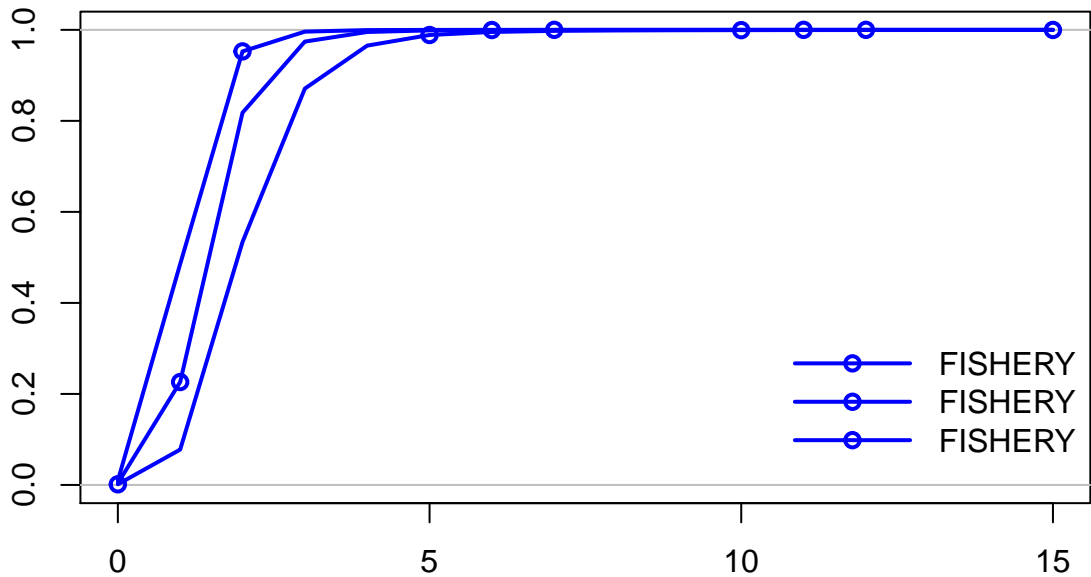
Fraction females by age at equilibrium



Selectivity

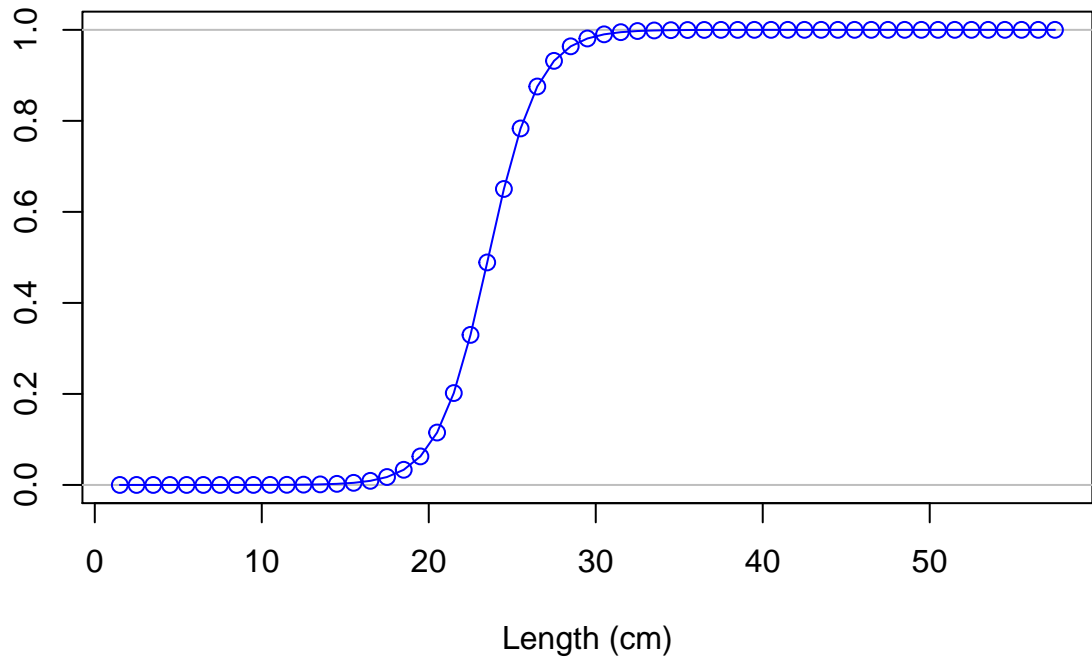


Selectivity

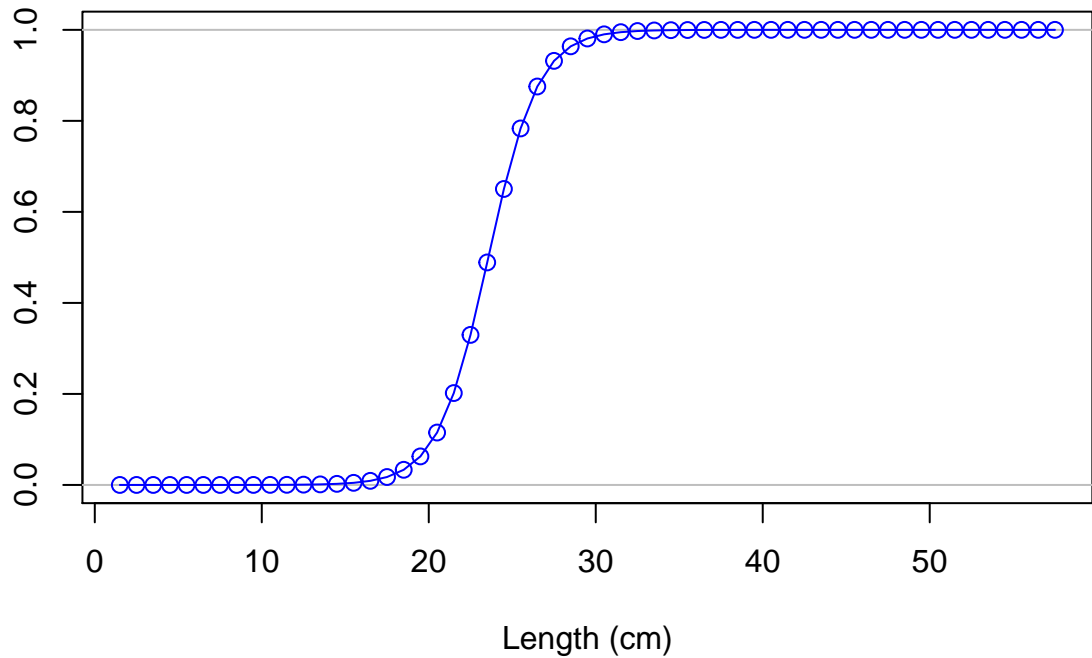


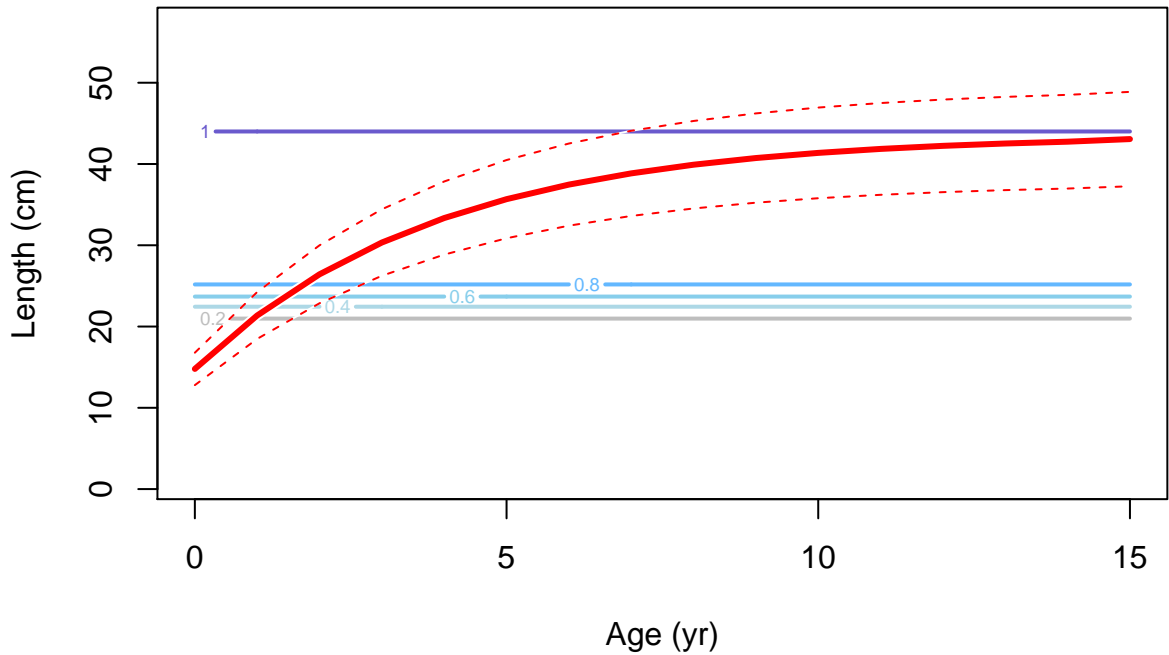
Age (yr)

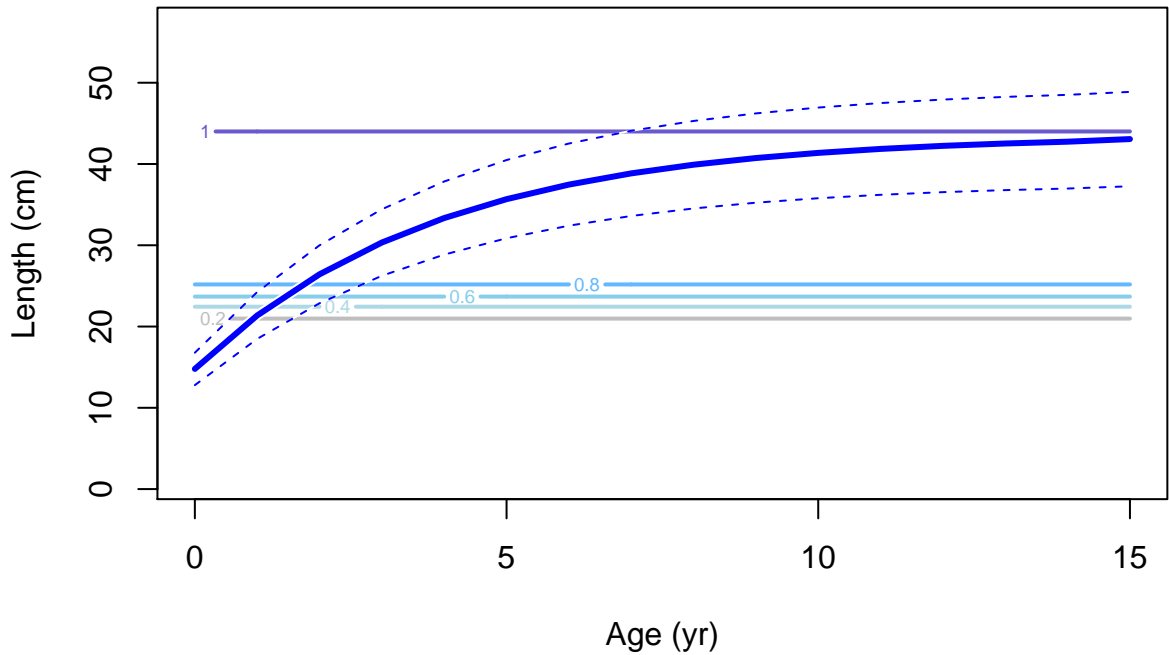
Selectivity



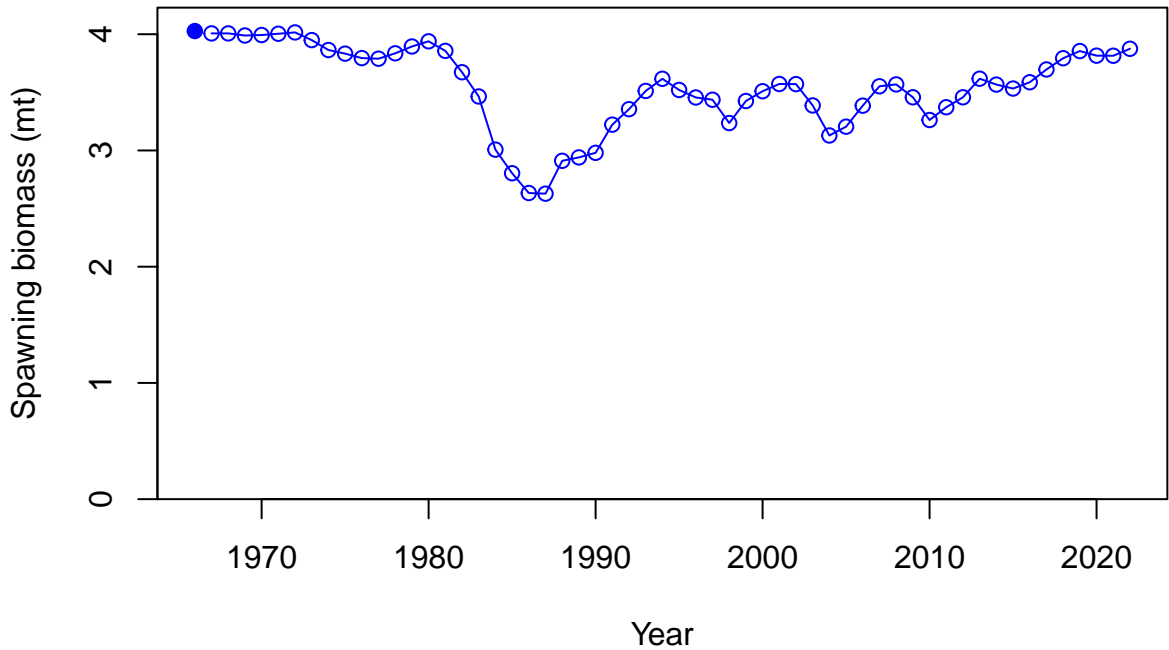
Selectivity

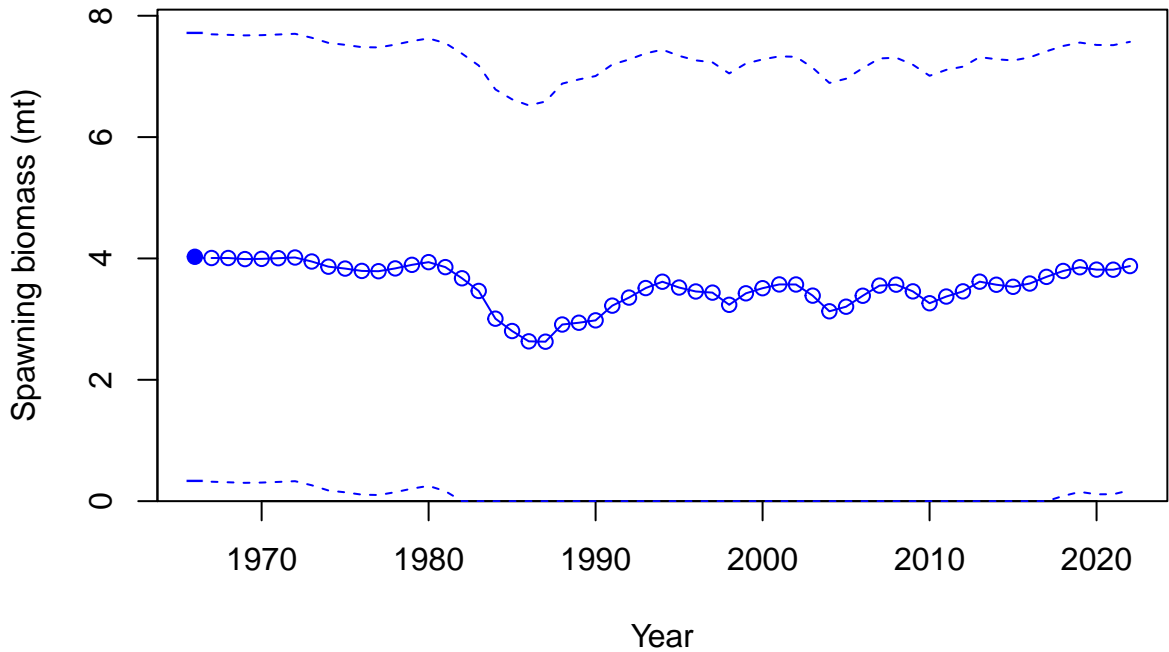




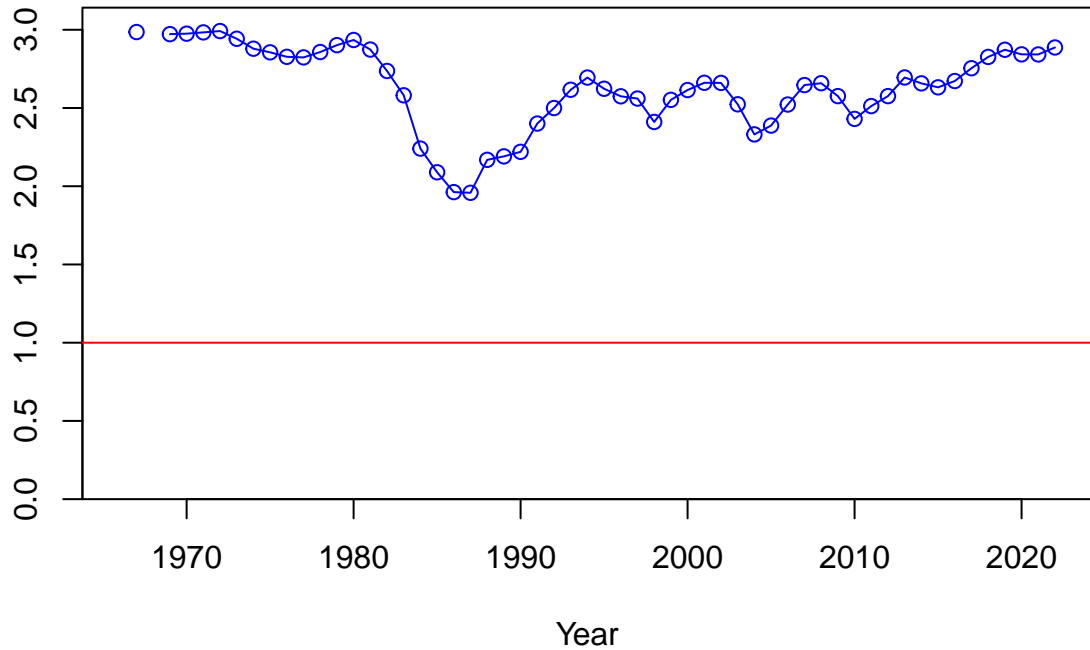




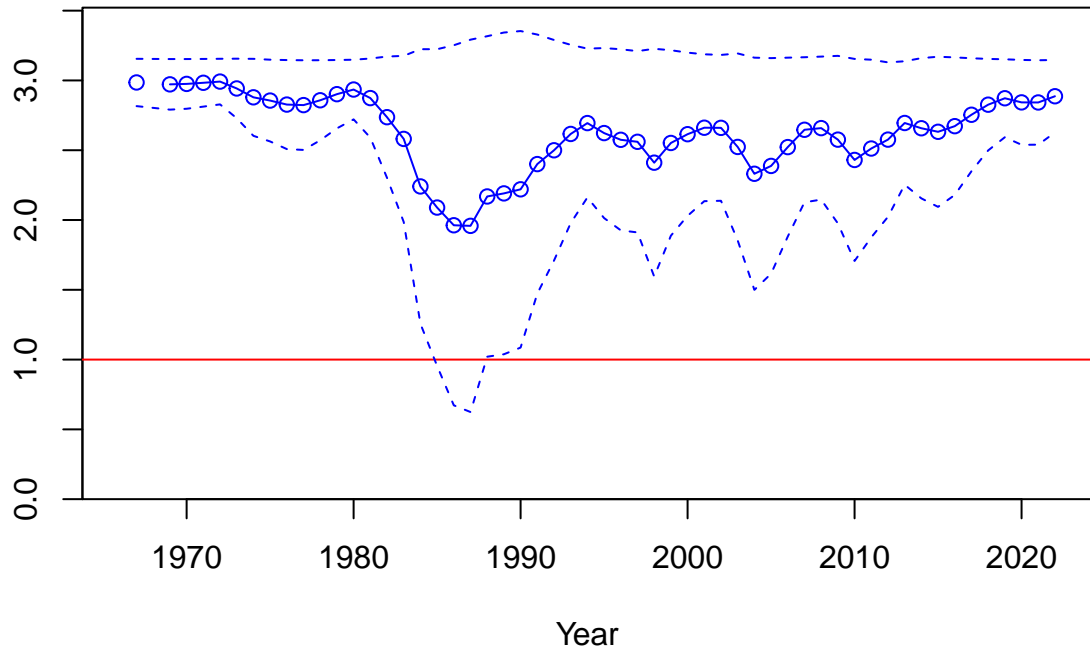


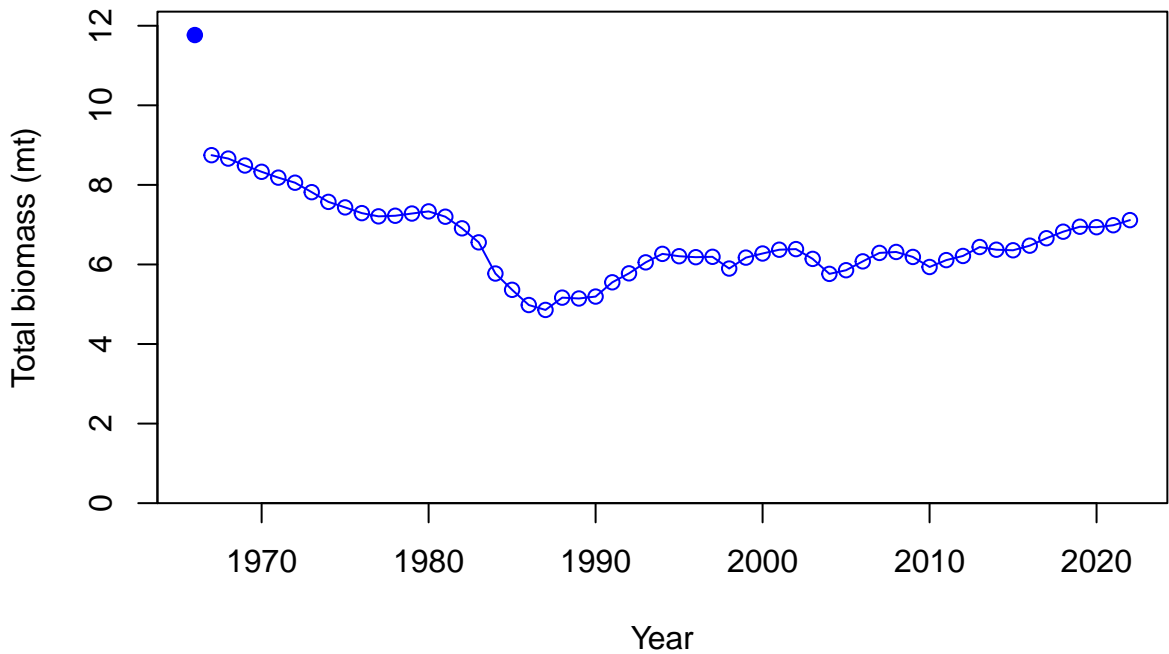


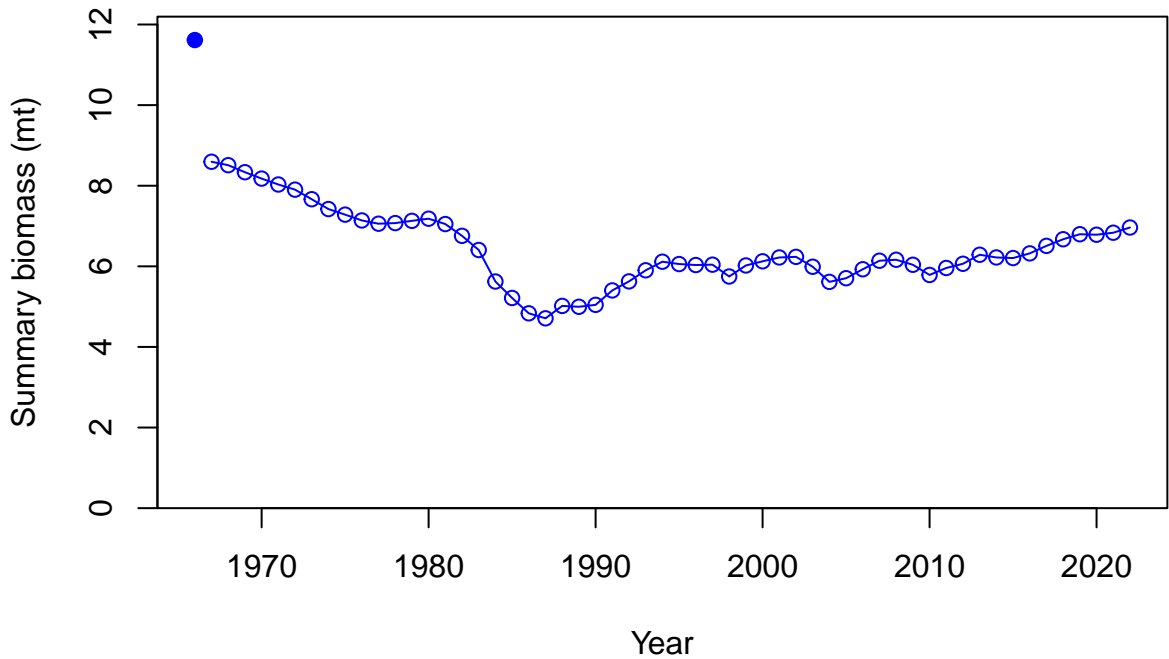
Relative spawning biomass:  $B/B_{MSY}$



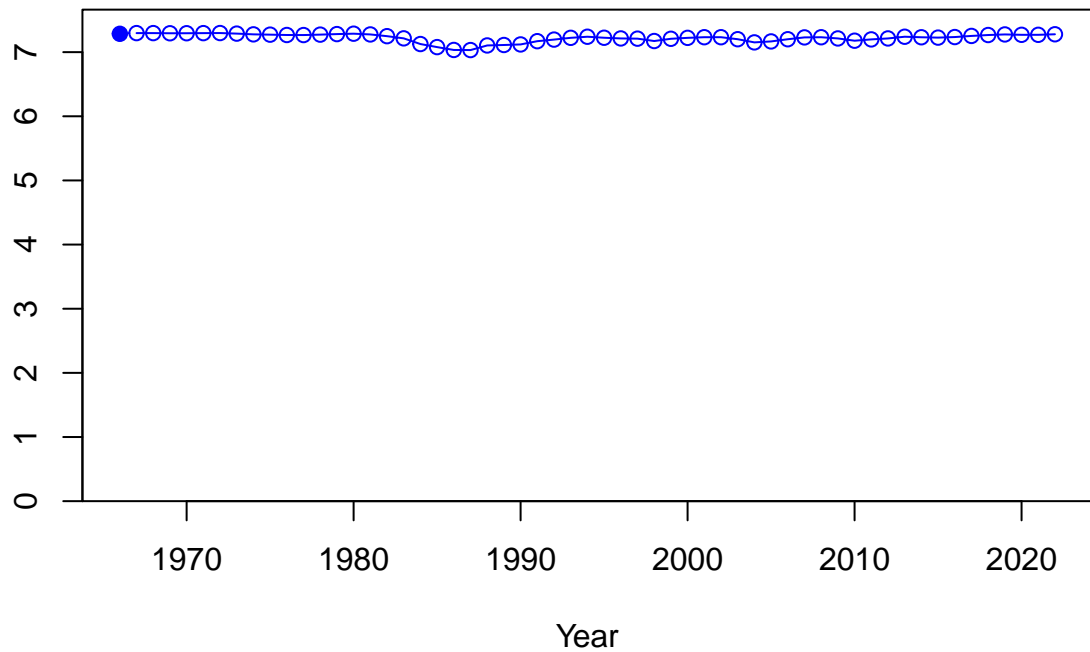
Relative spawning biomass:  $B/B_{MSY}$



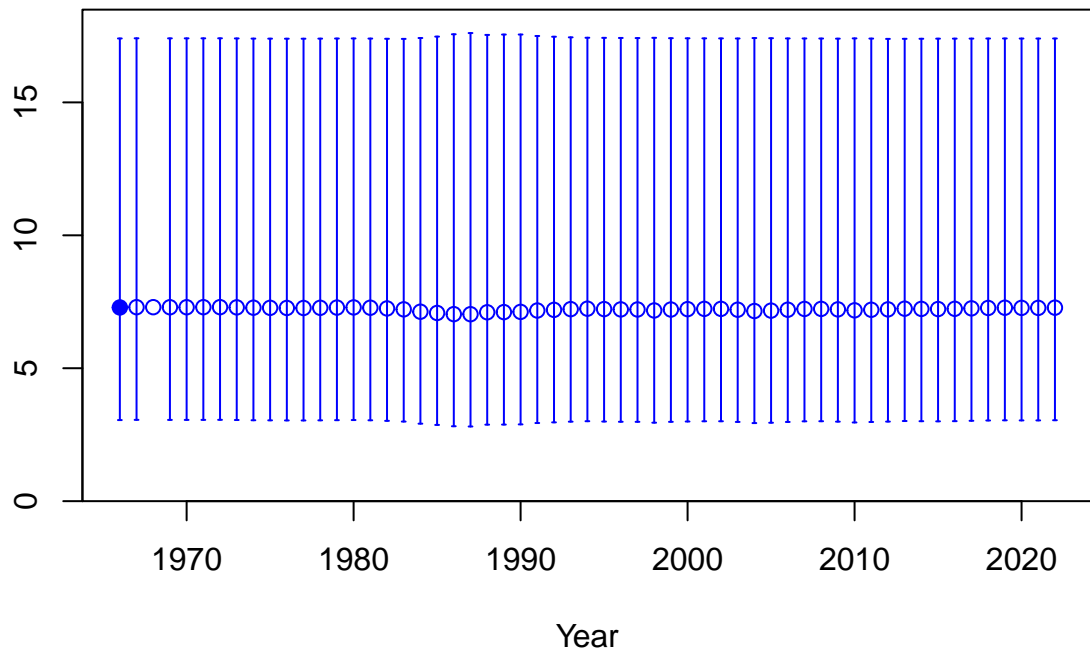




Age-0 recruits (1,000s)

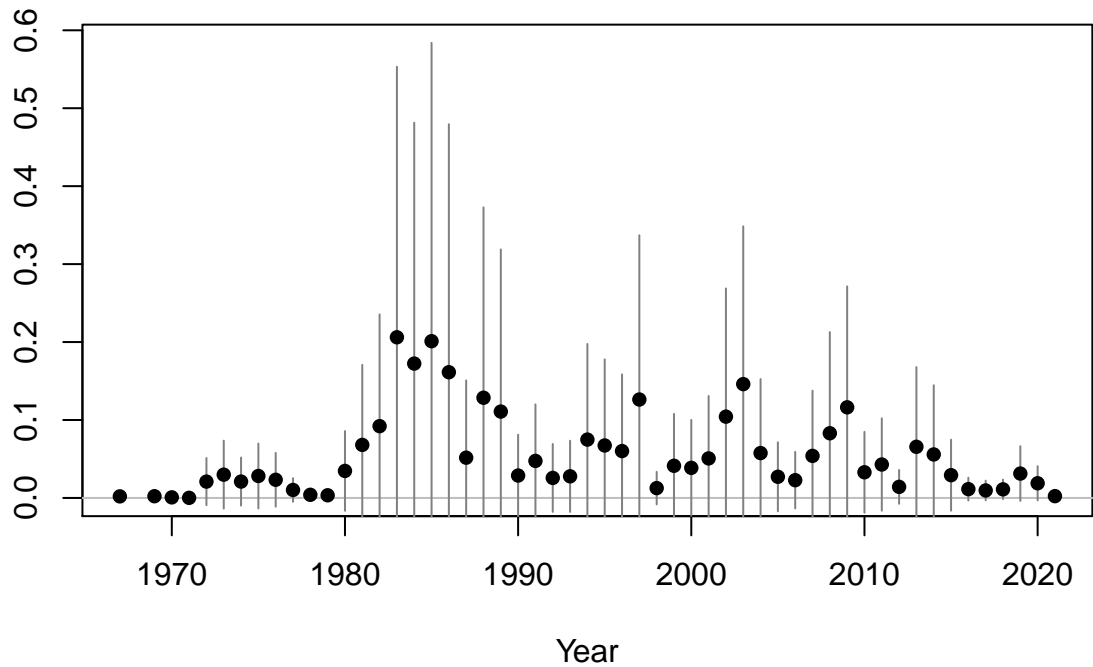


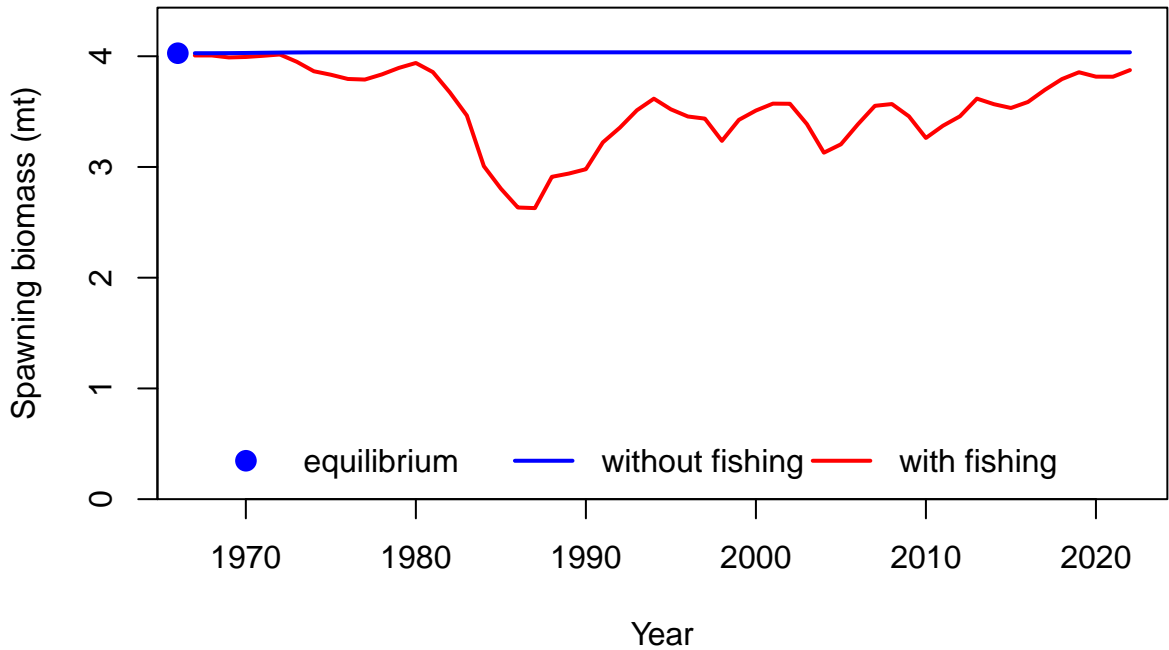
Age-0 recruits (1,000s)



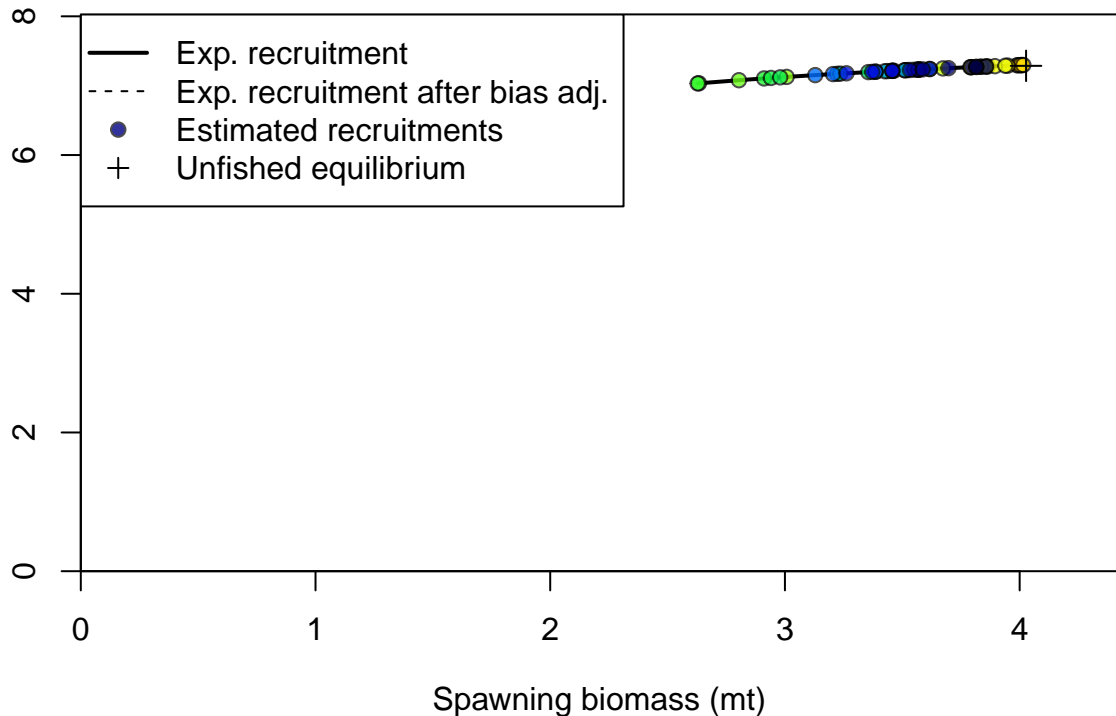


Summary Fishing Mortality

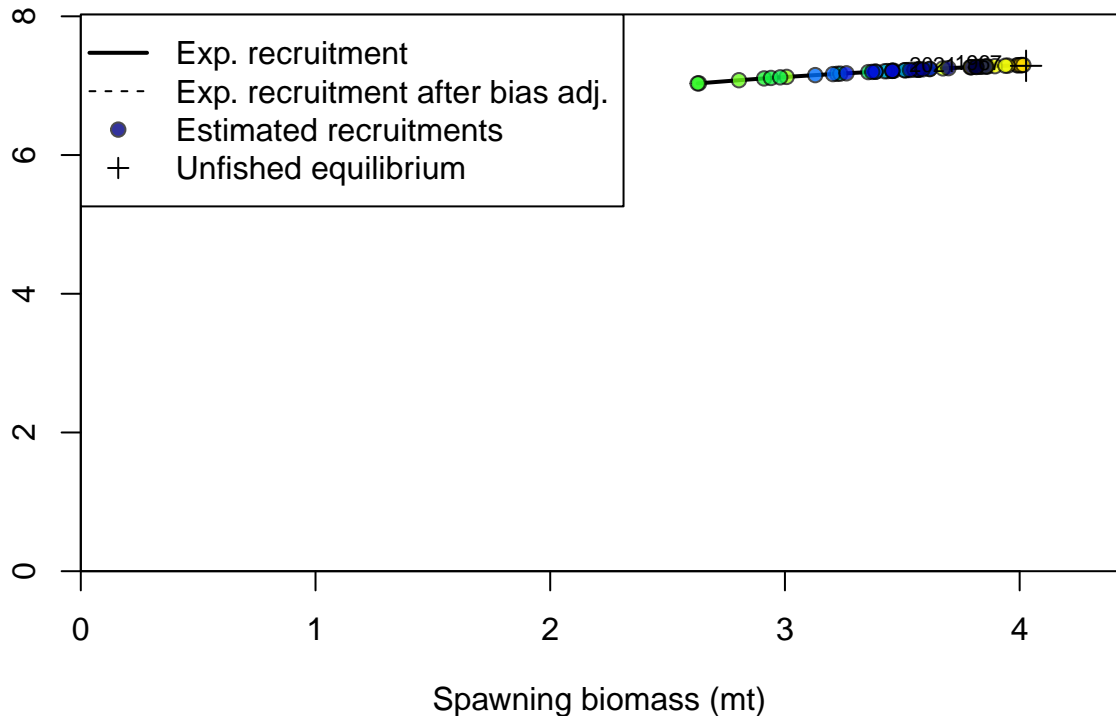


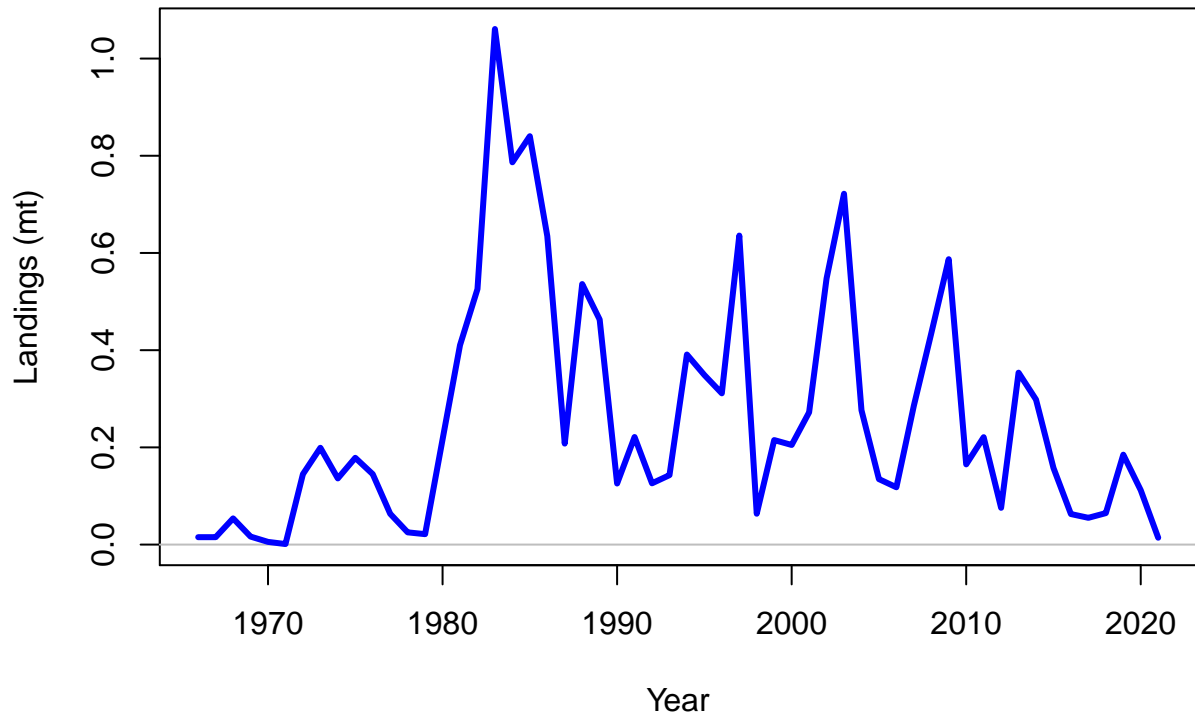


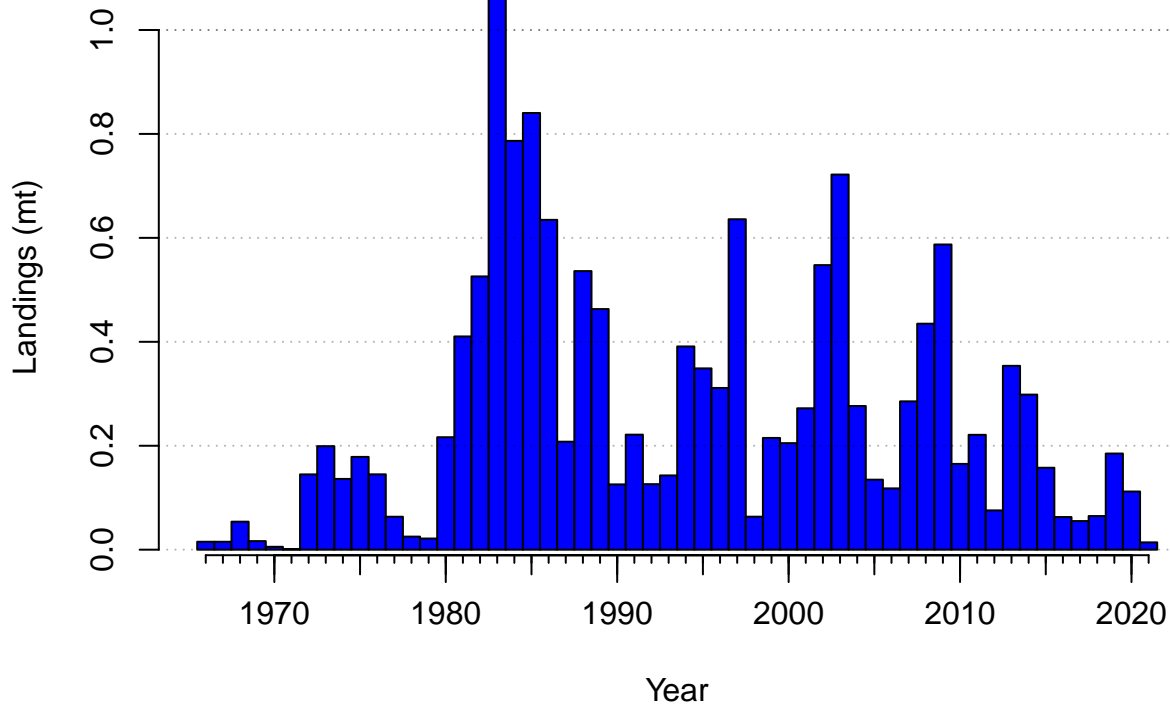
Recruitment (1,000s)

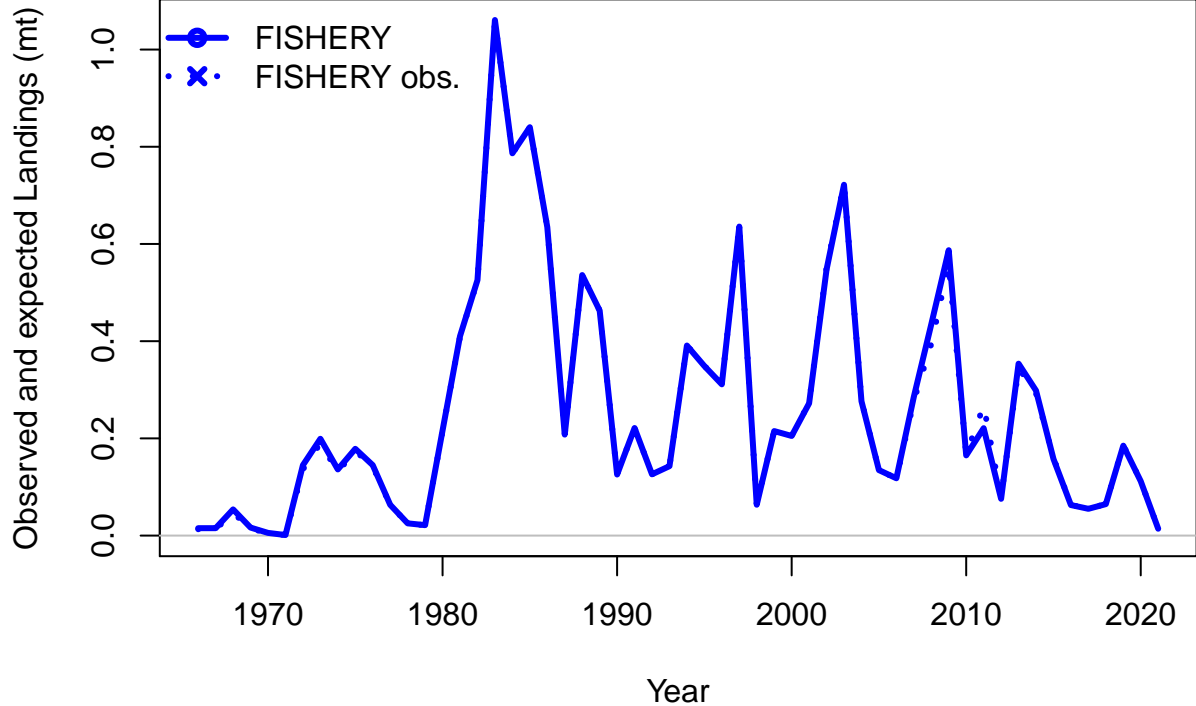


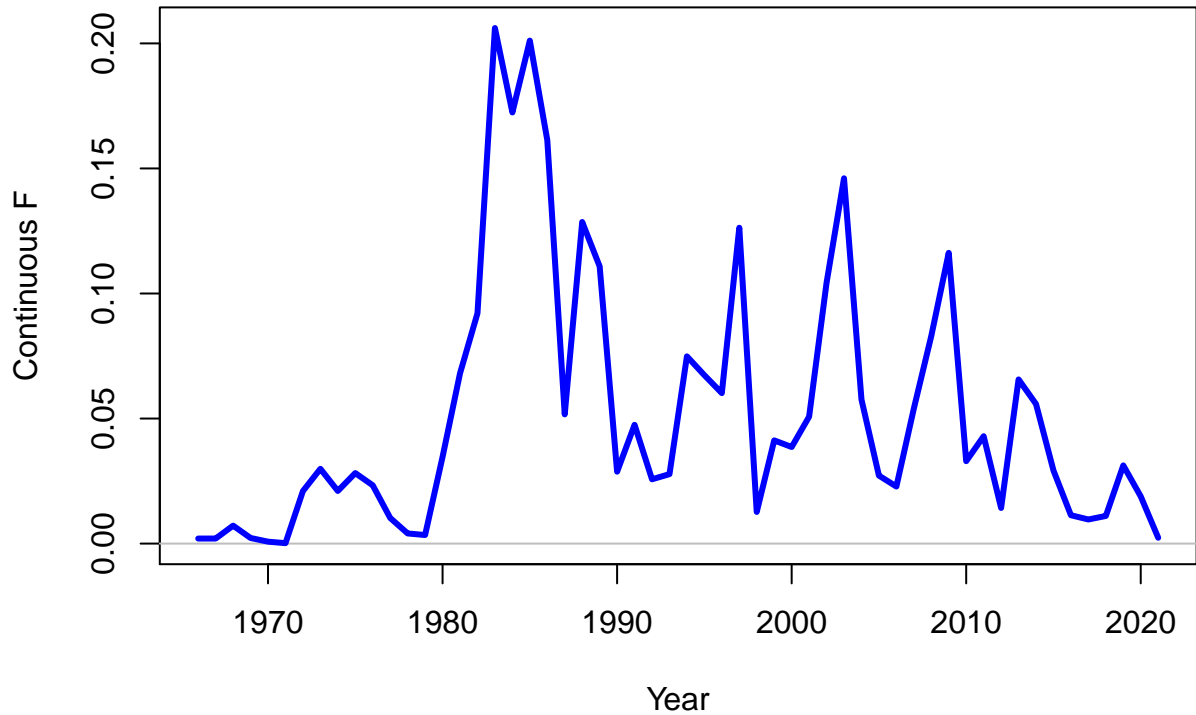
Recruitment (1,000s)





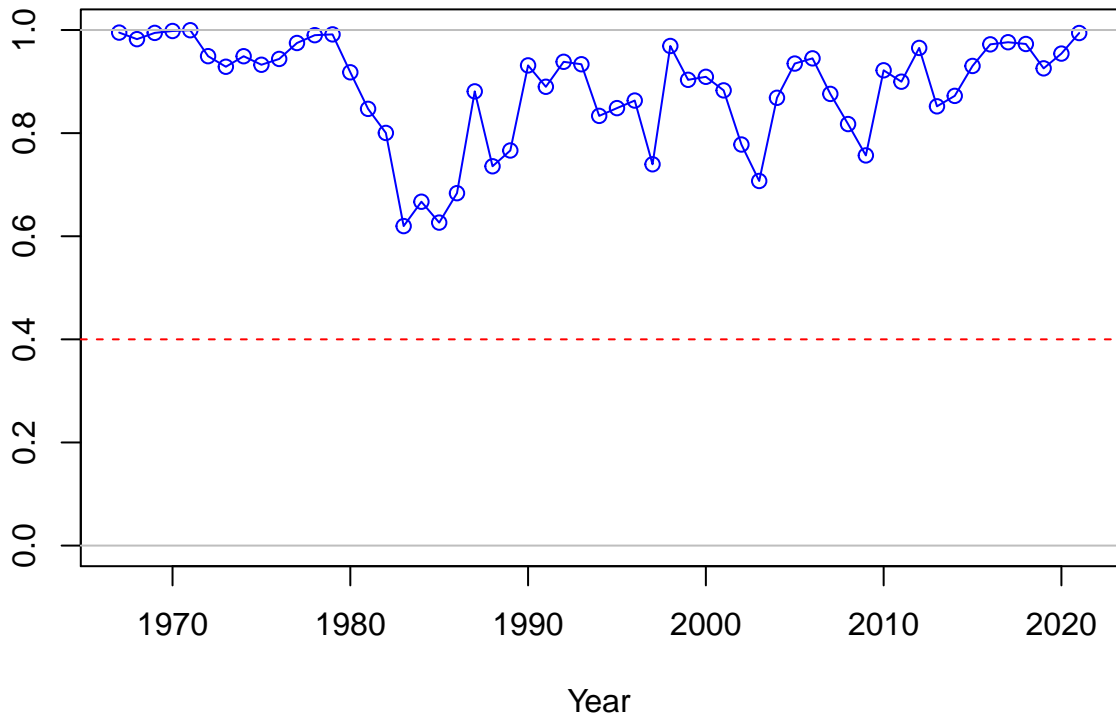


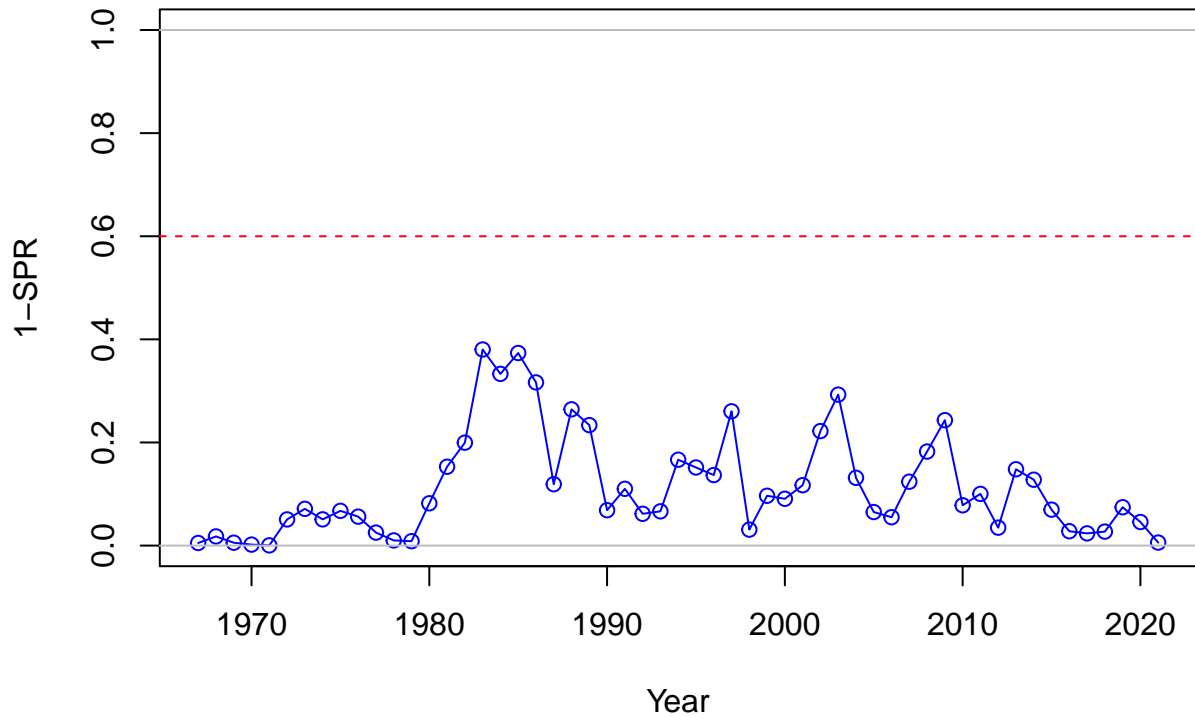




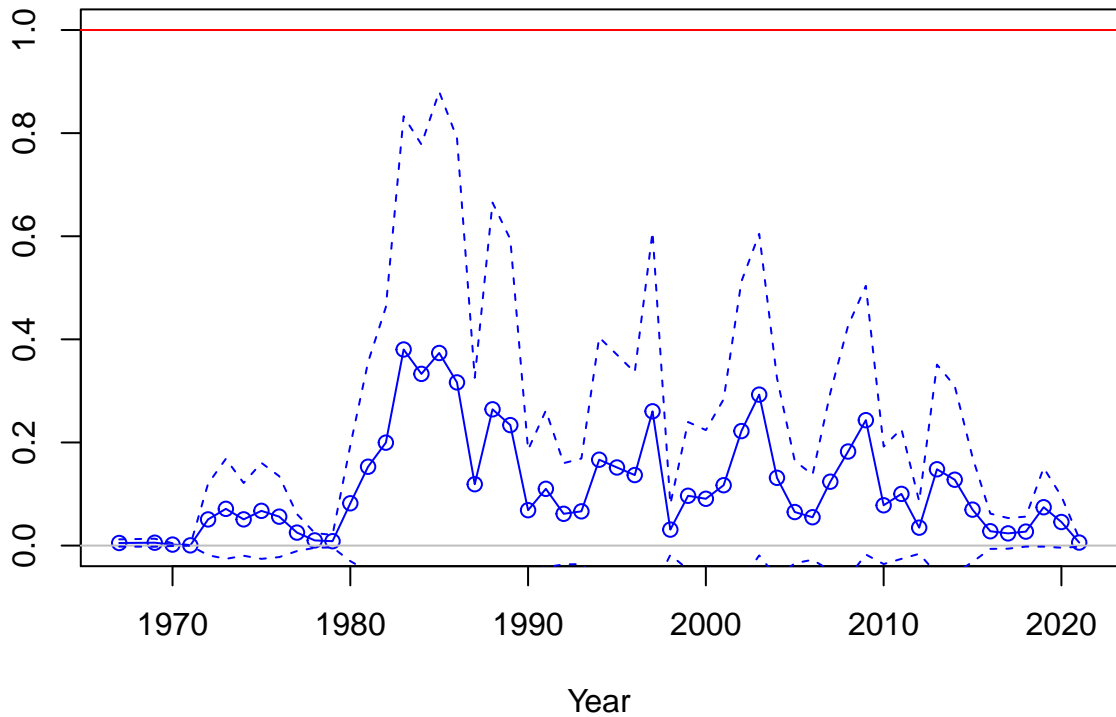


SPR

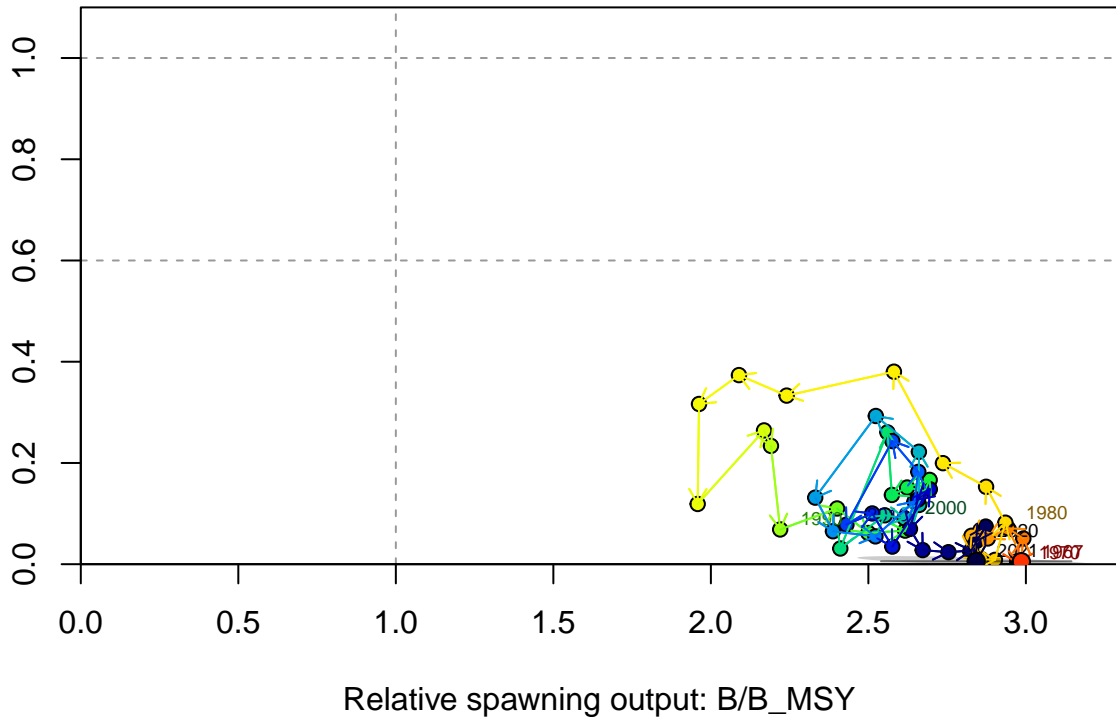




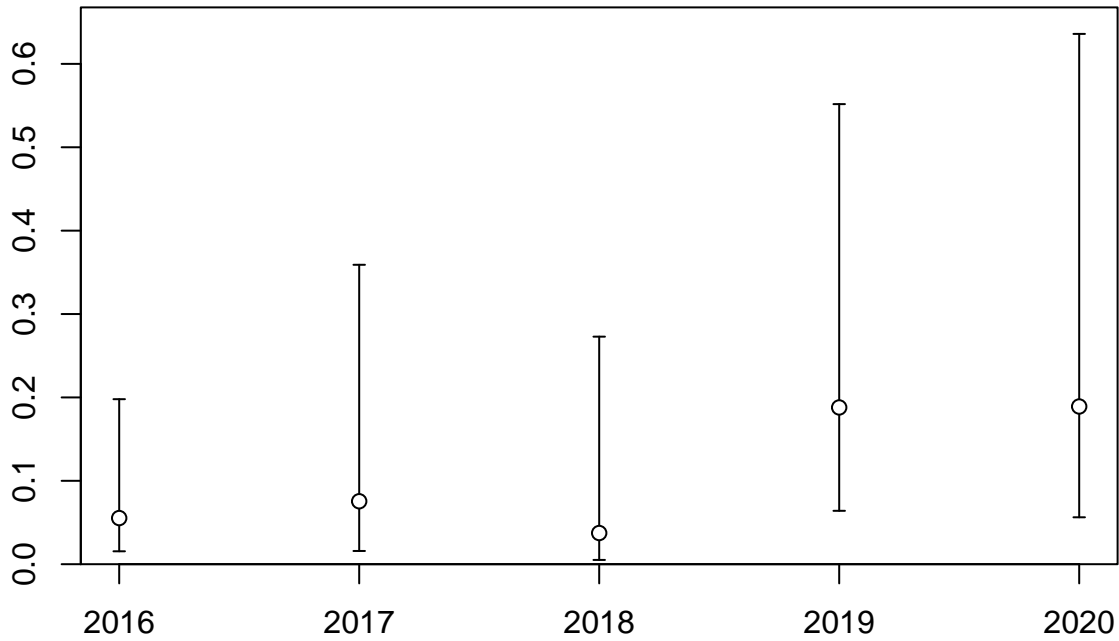
Fishing intensity: 1-SPR



Fishing intensity: 1-SPR

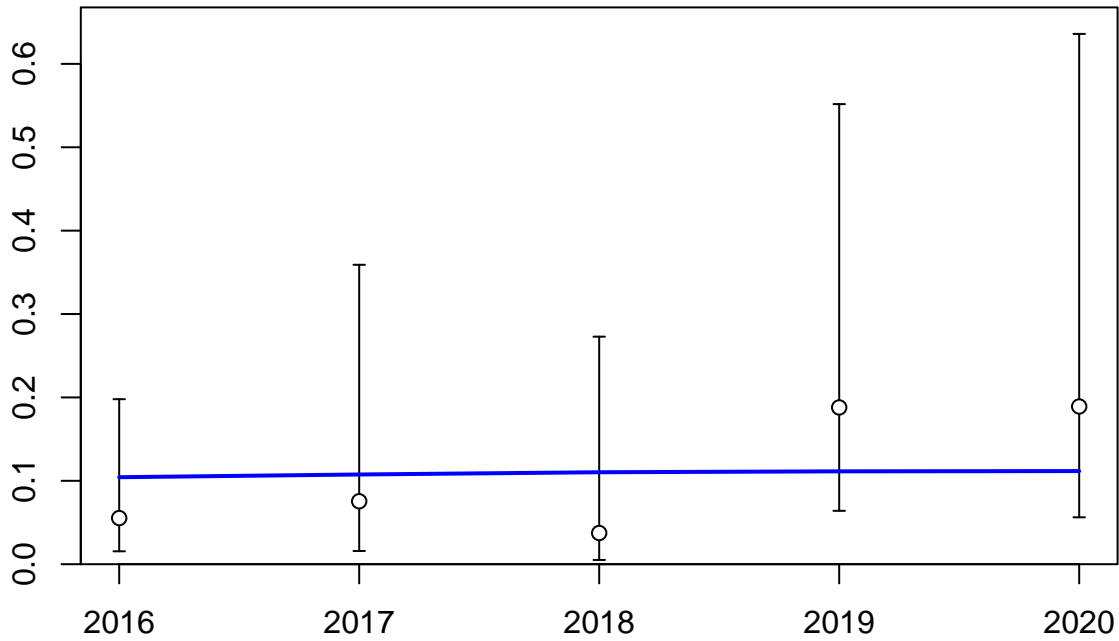


Index

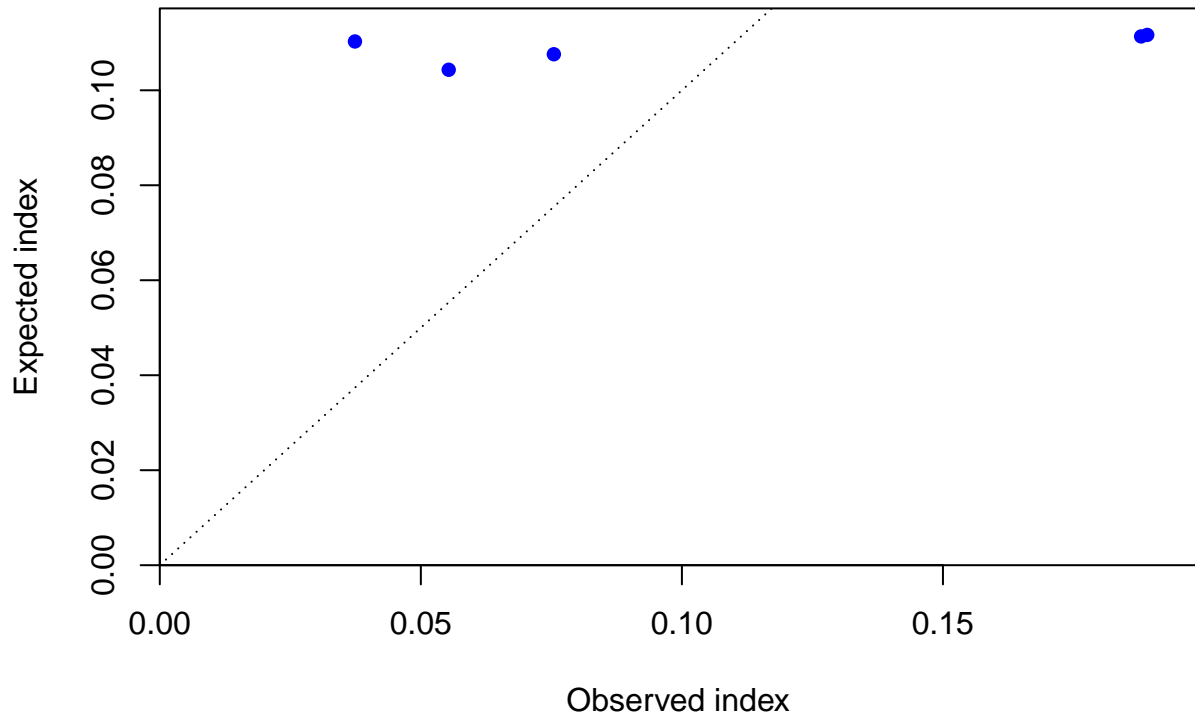


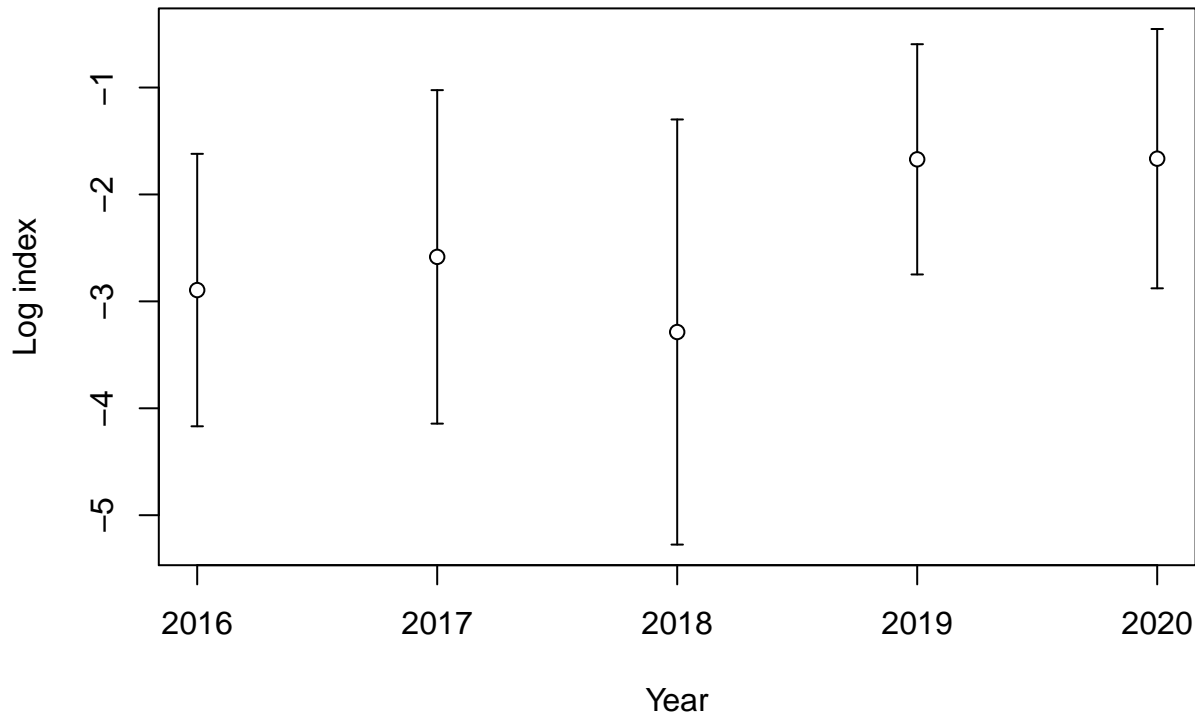
Year

Index

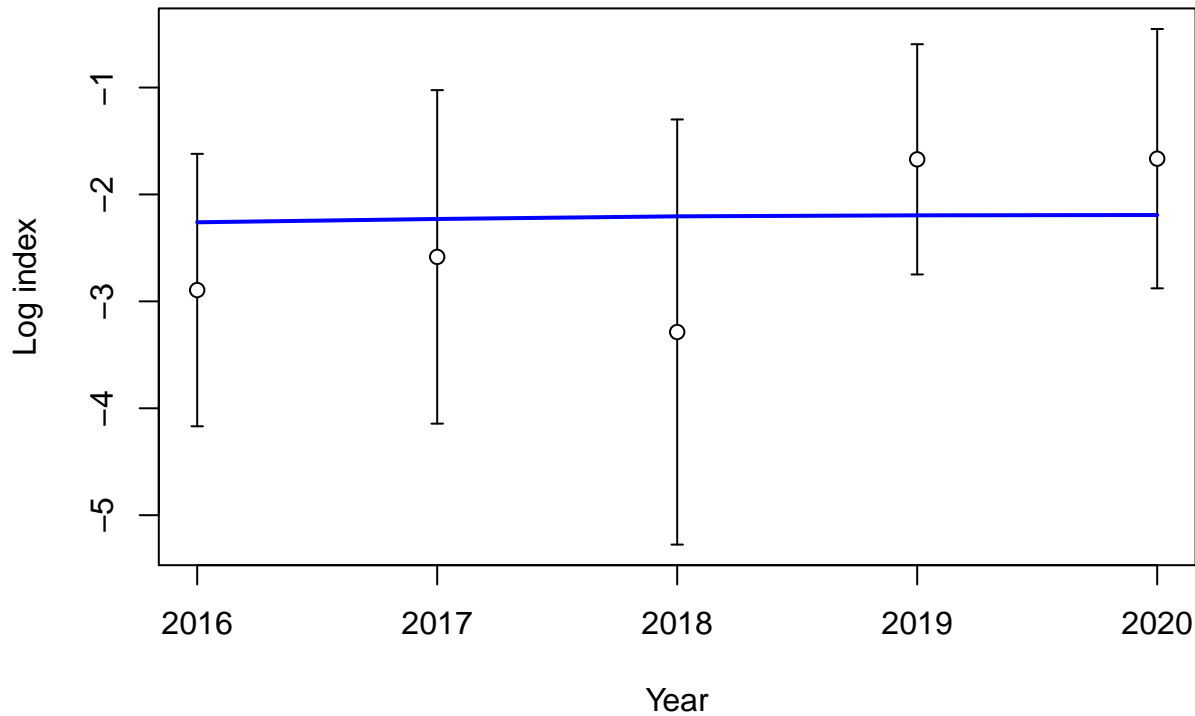


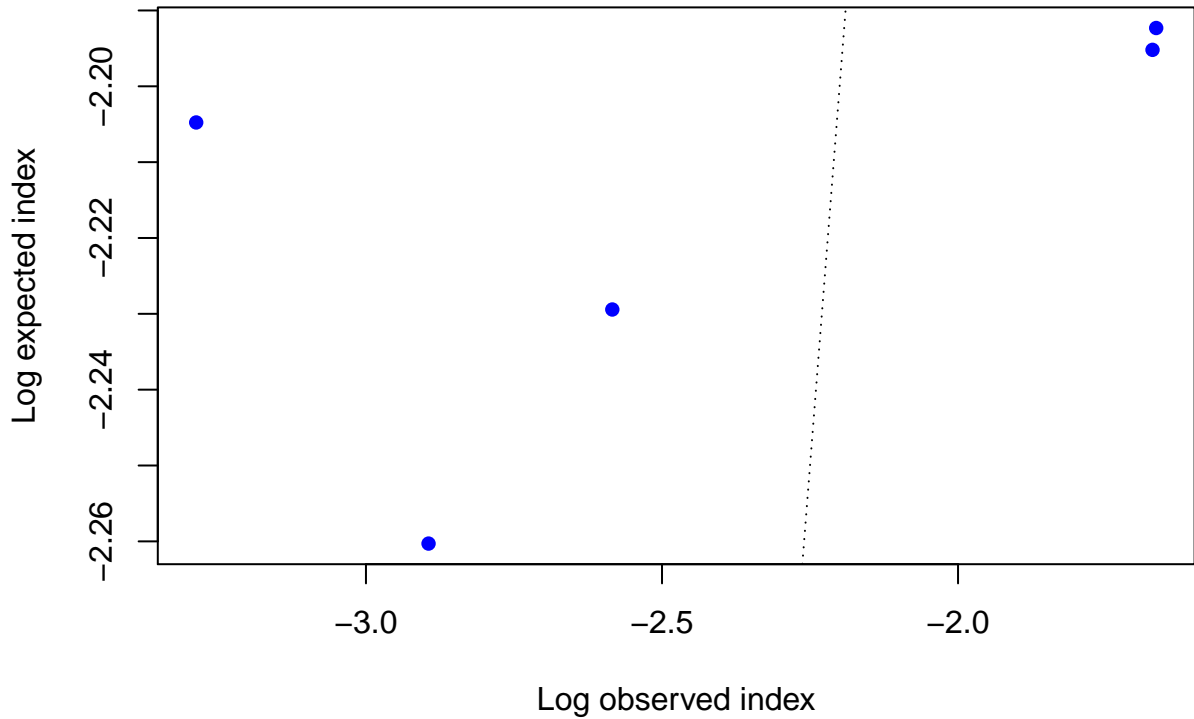
Year



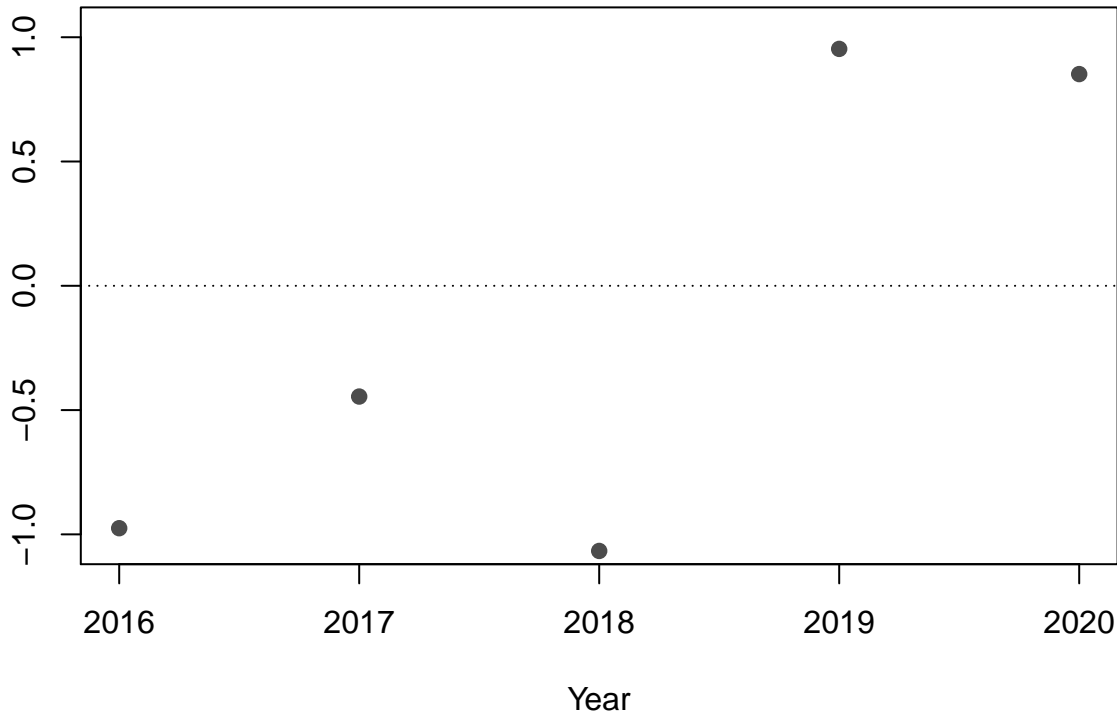




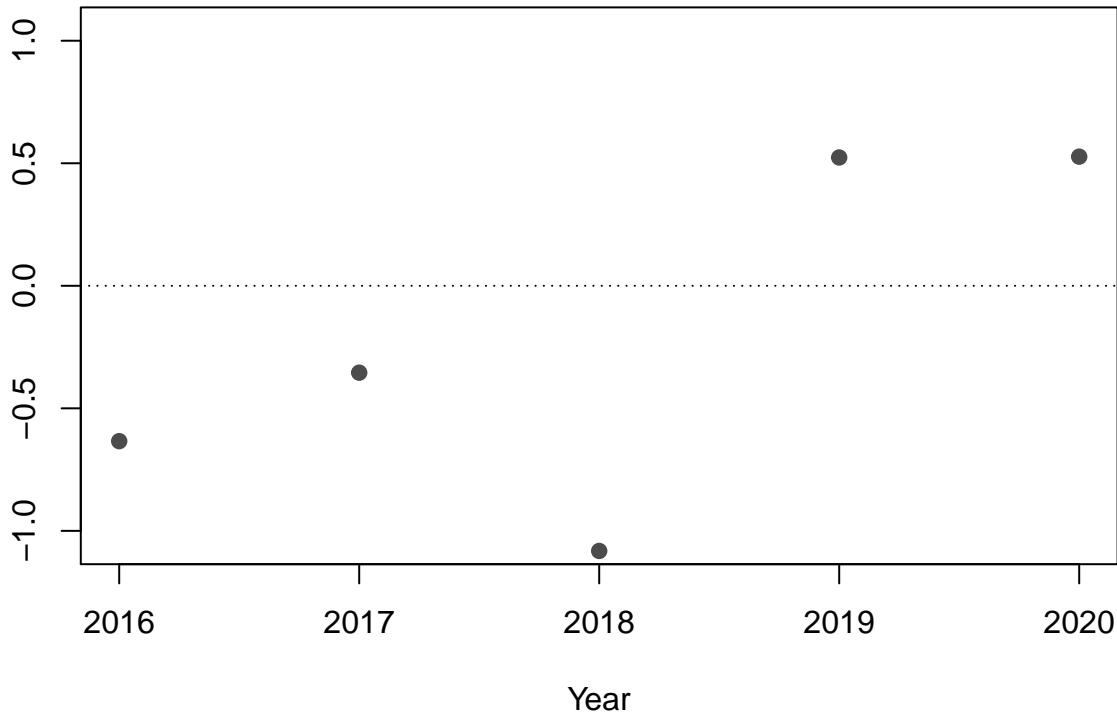


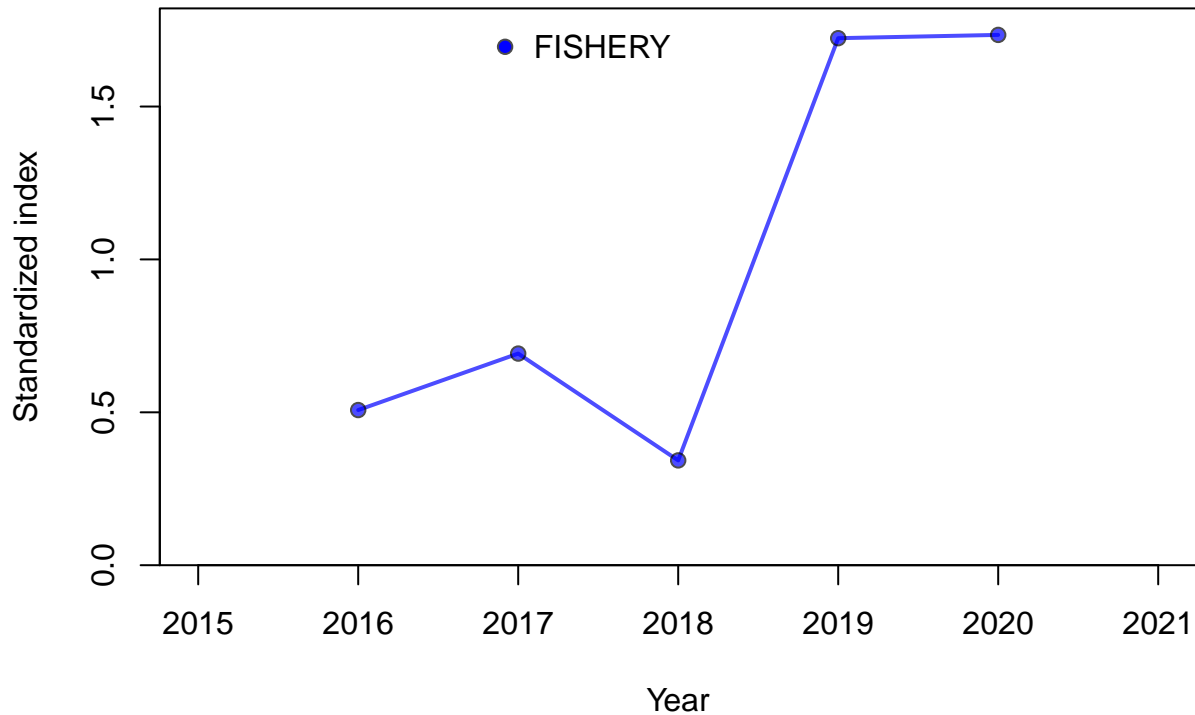


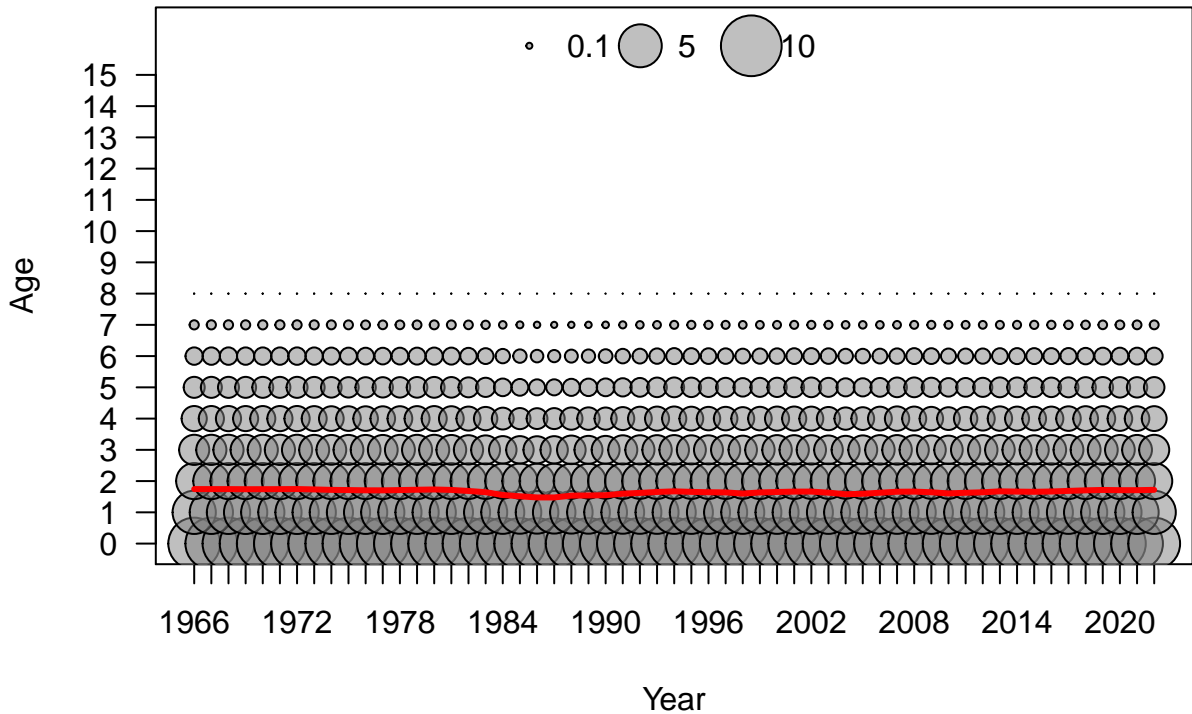
Residual

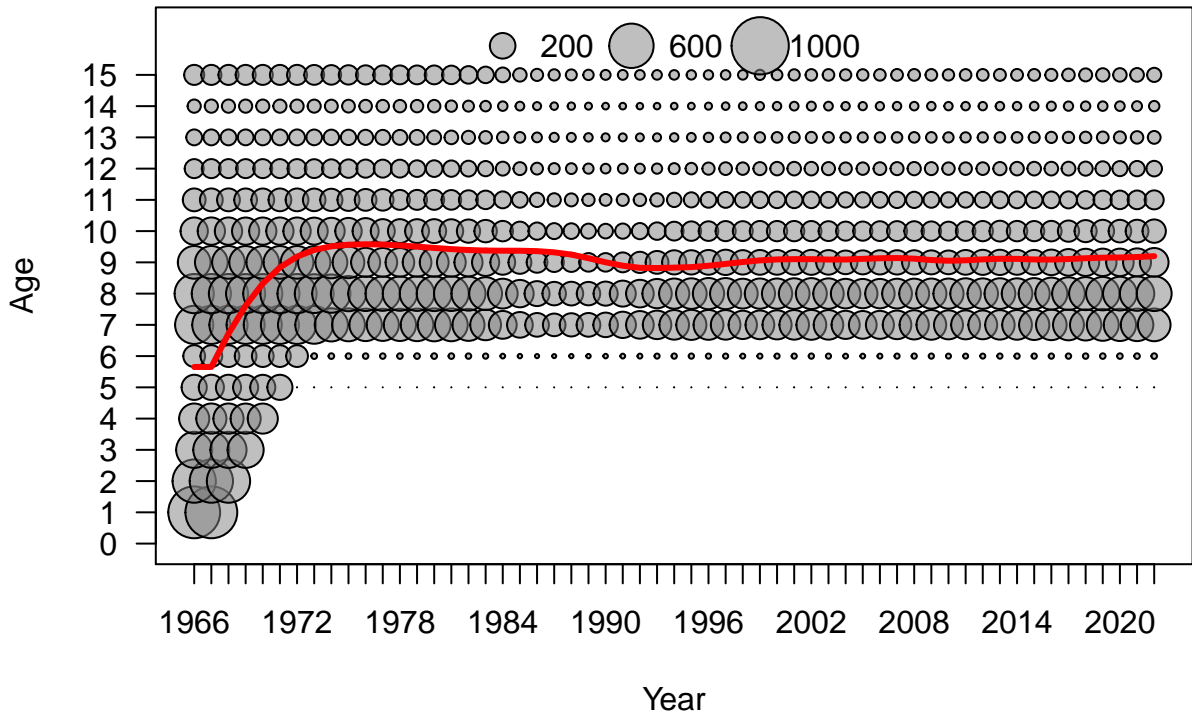


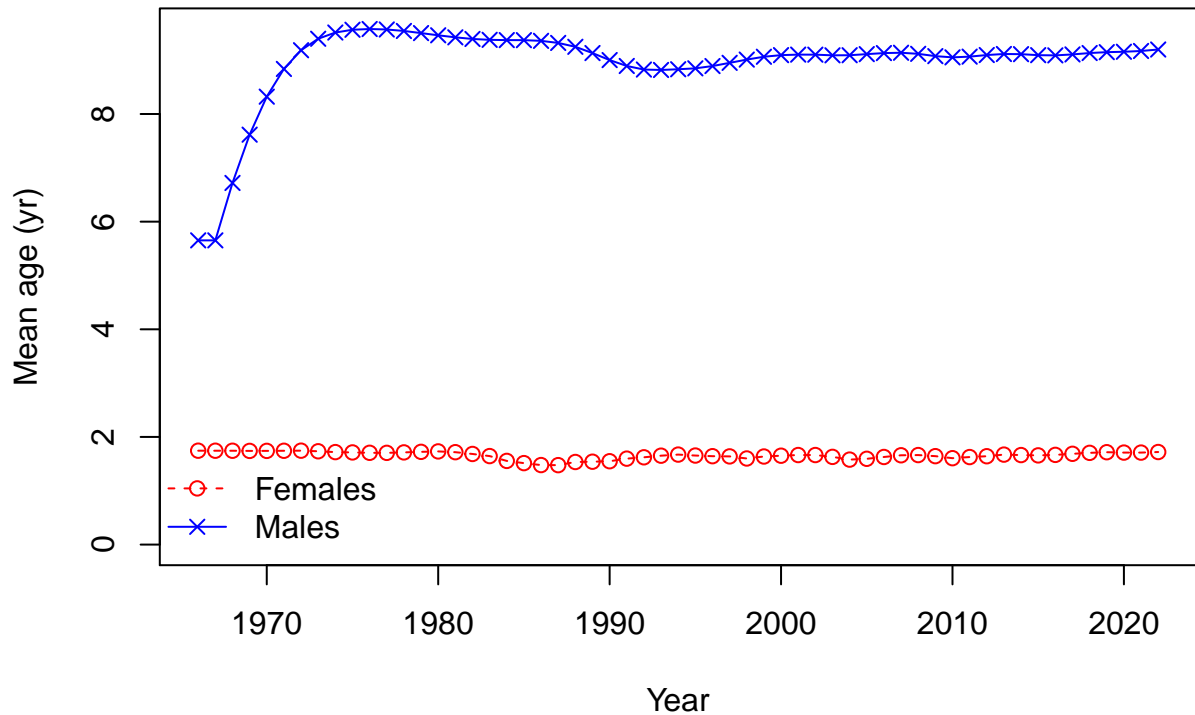
Deviation





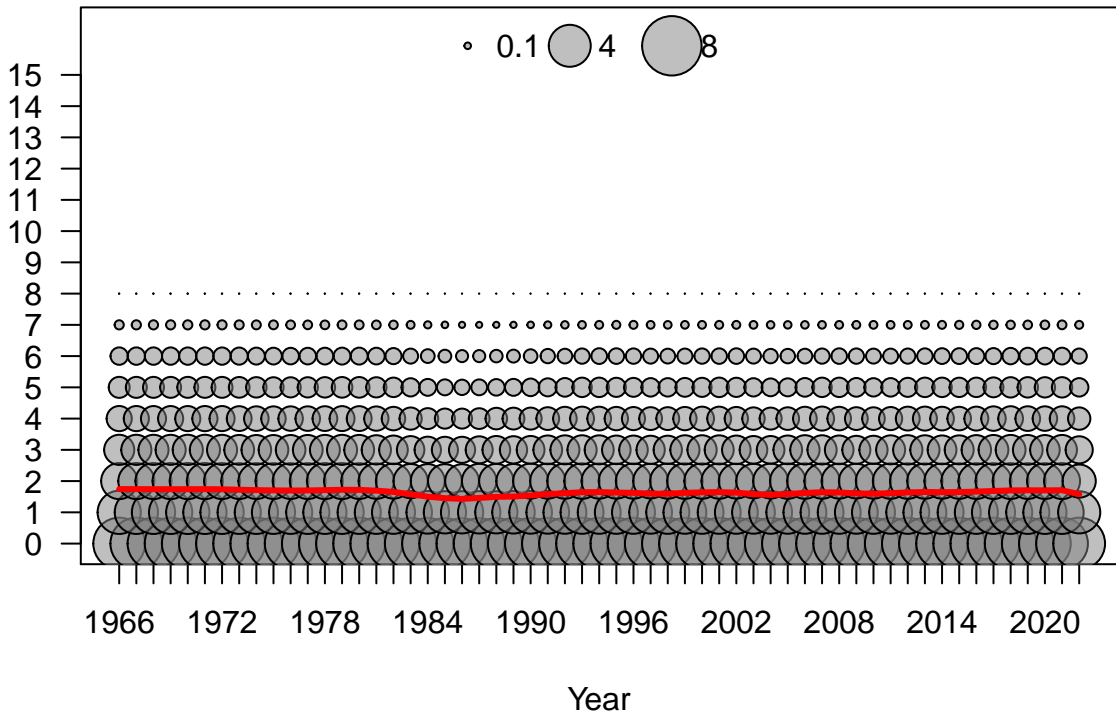


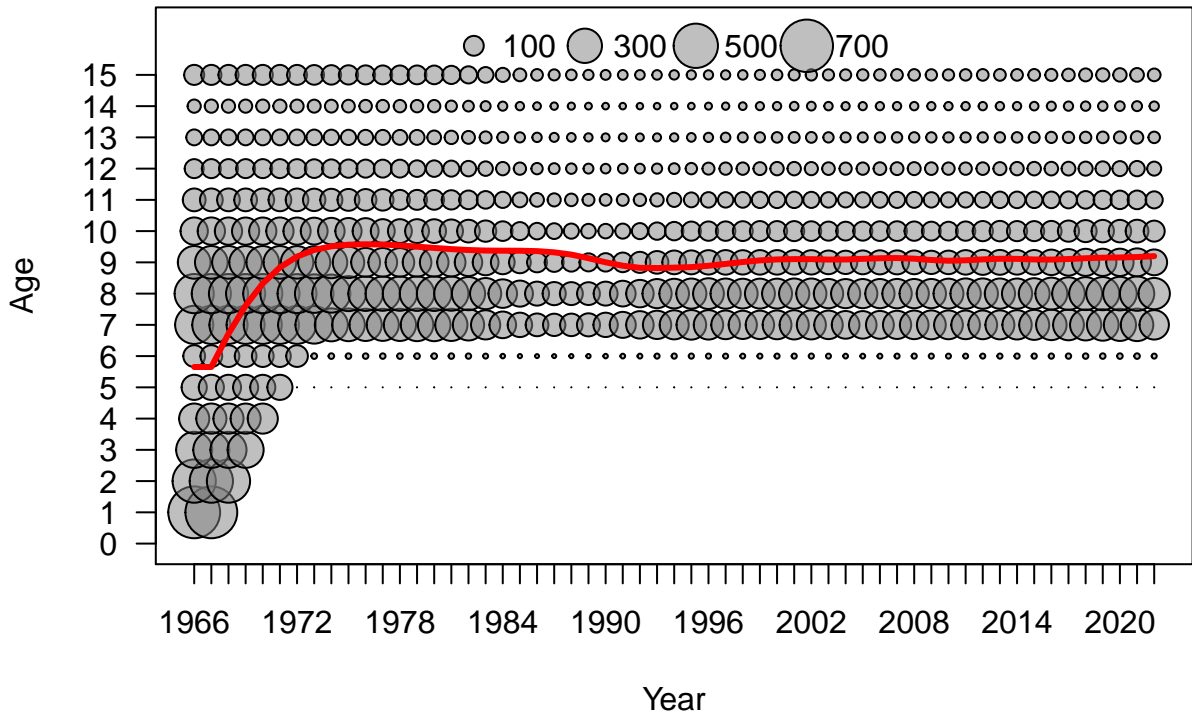


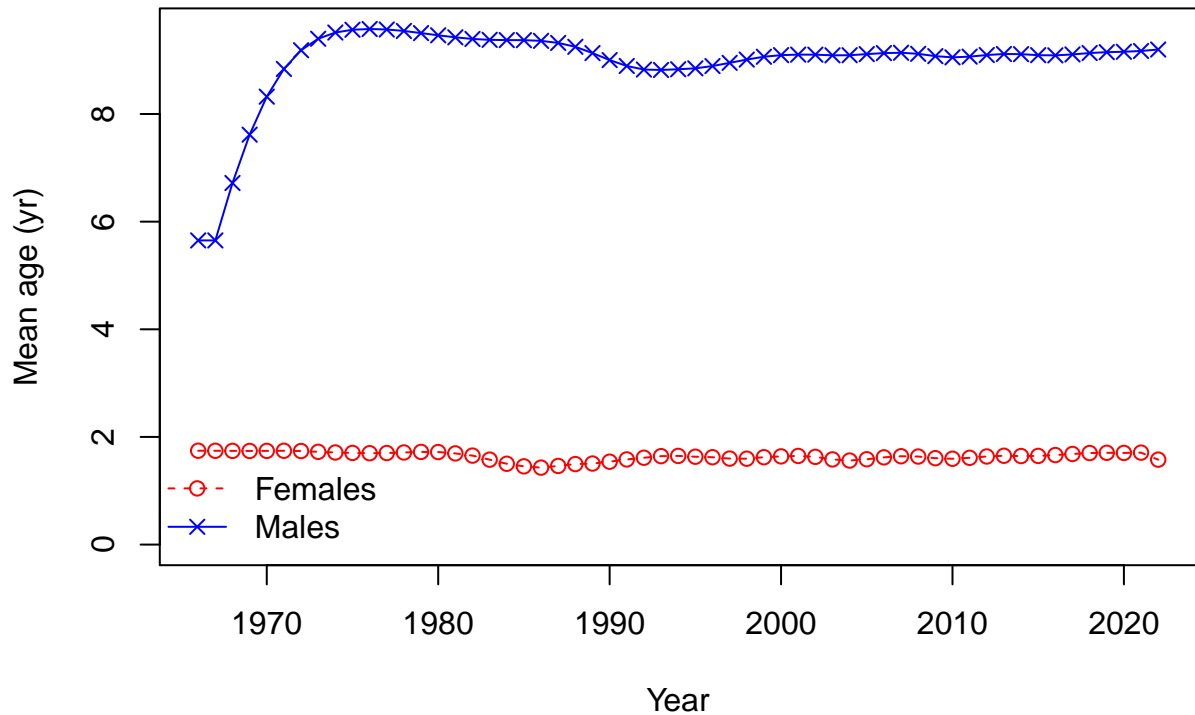




Age







Age

14  
12  
10  
8  
6  
4  
2  
0

1970

1980

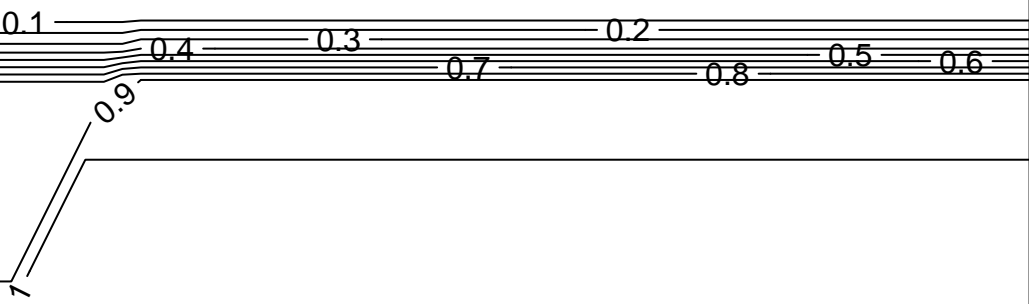
1990

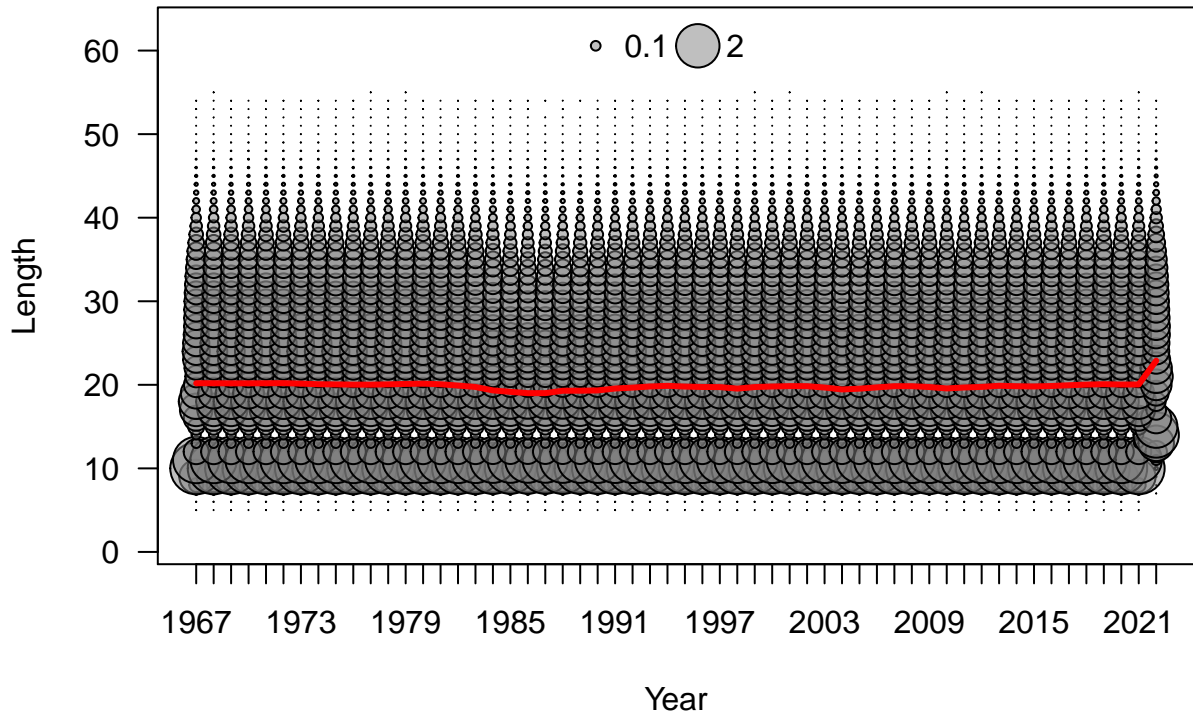
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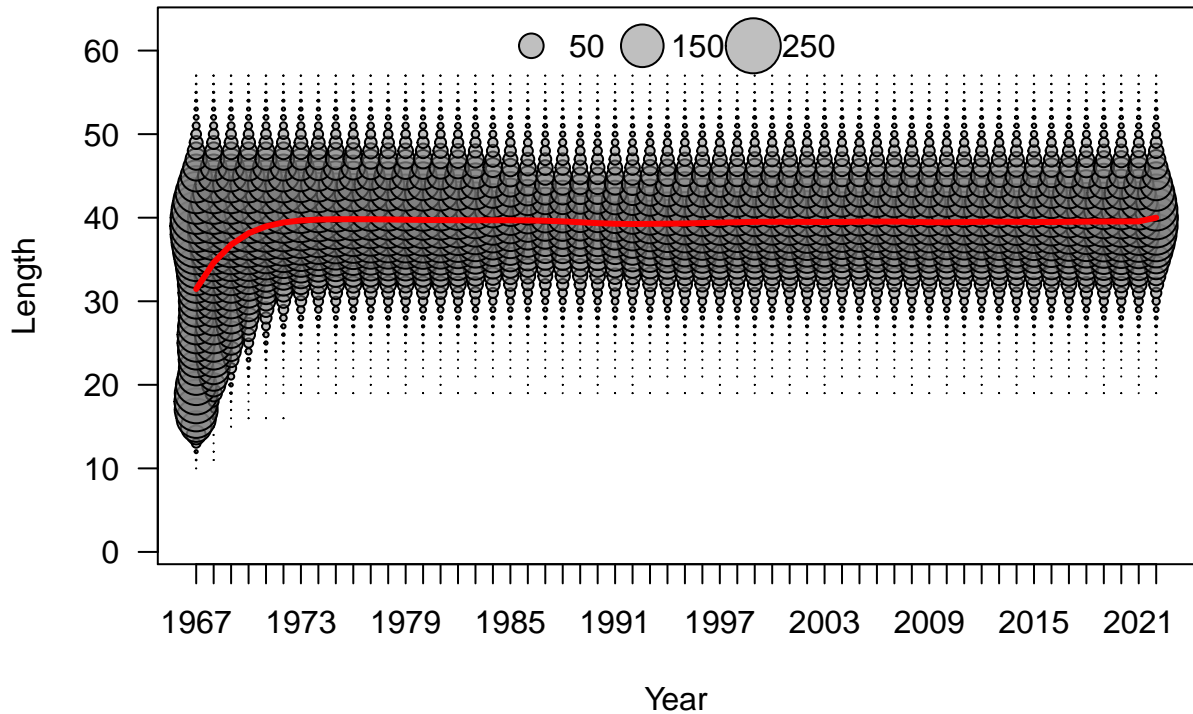
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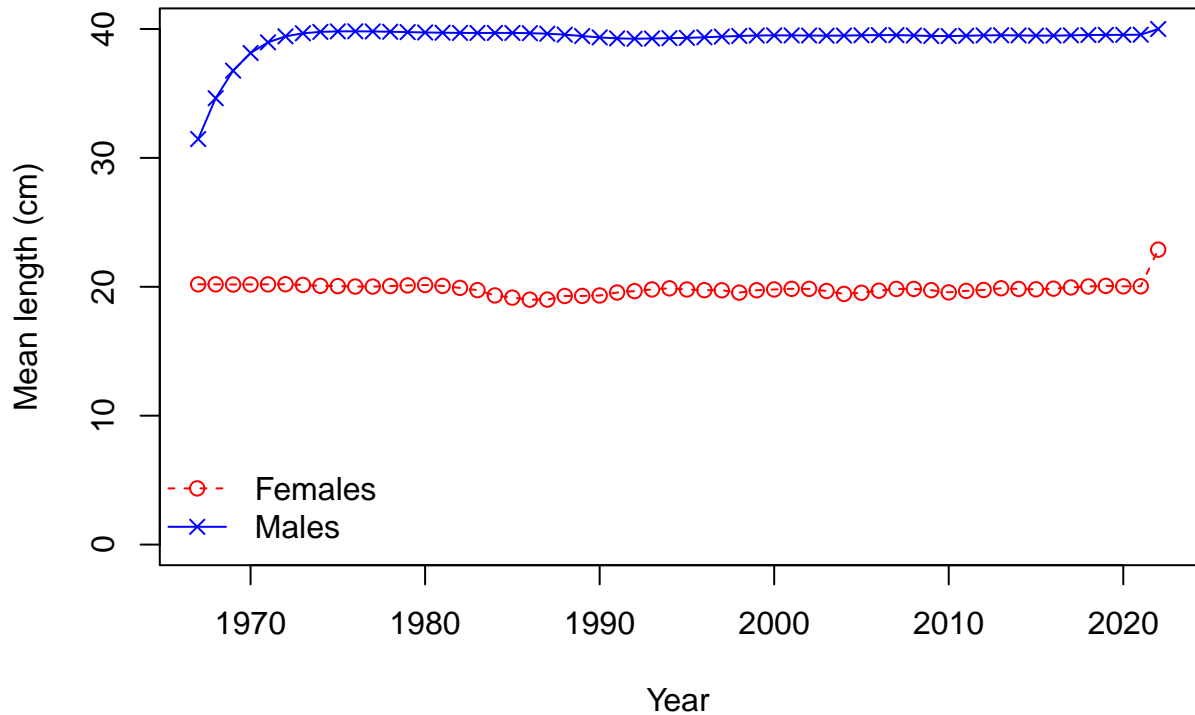
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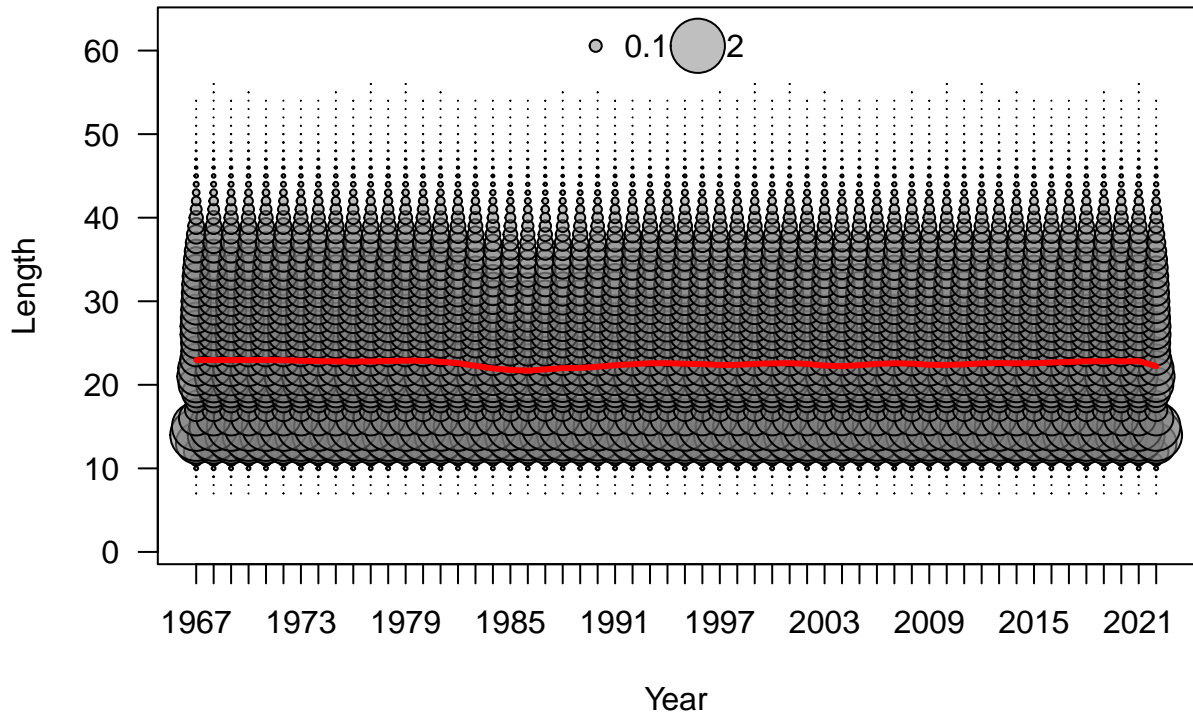
Year



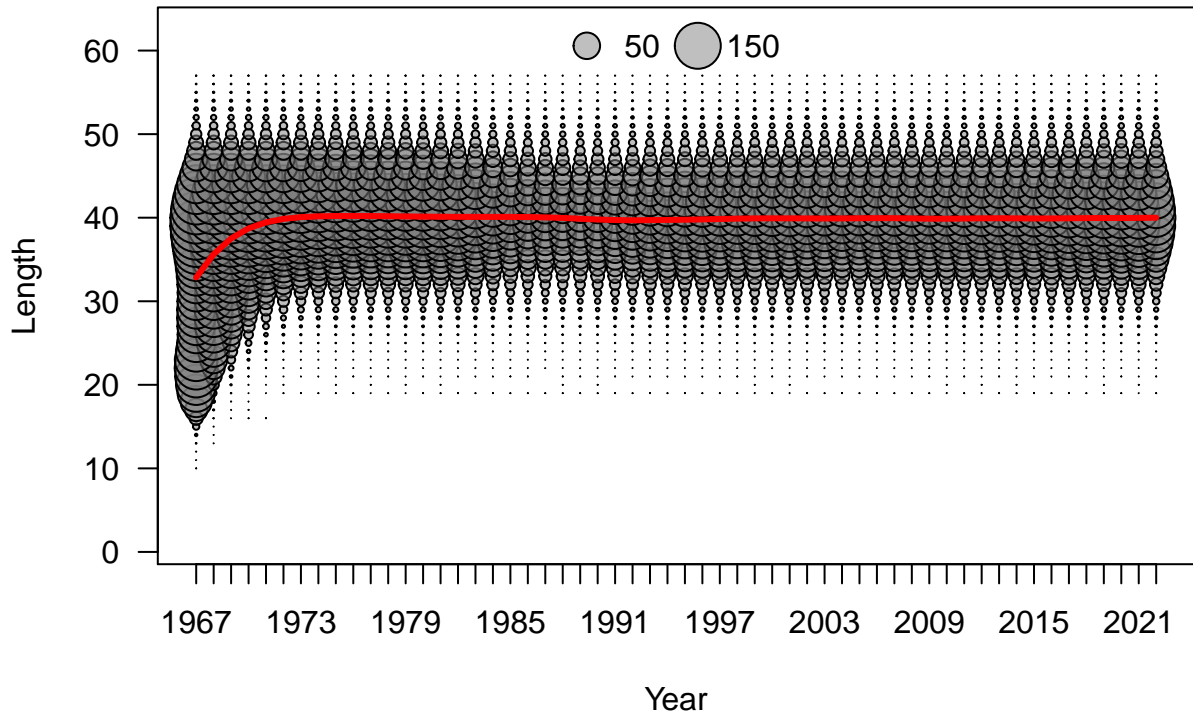


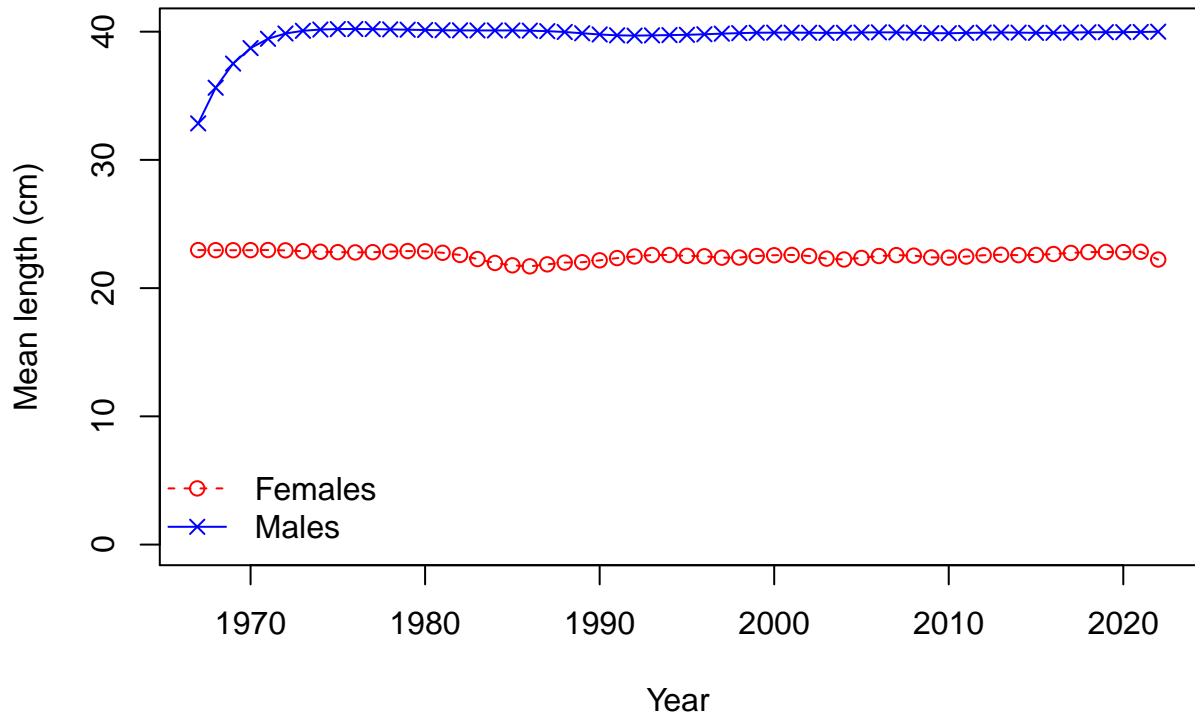


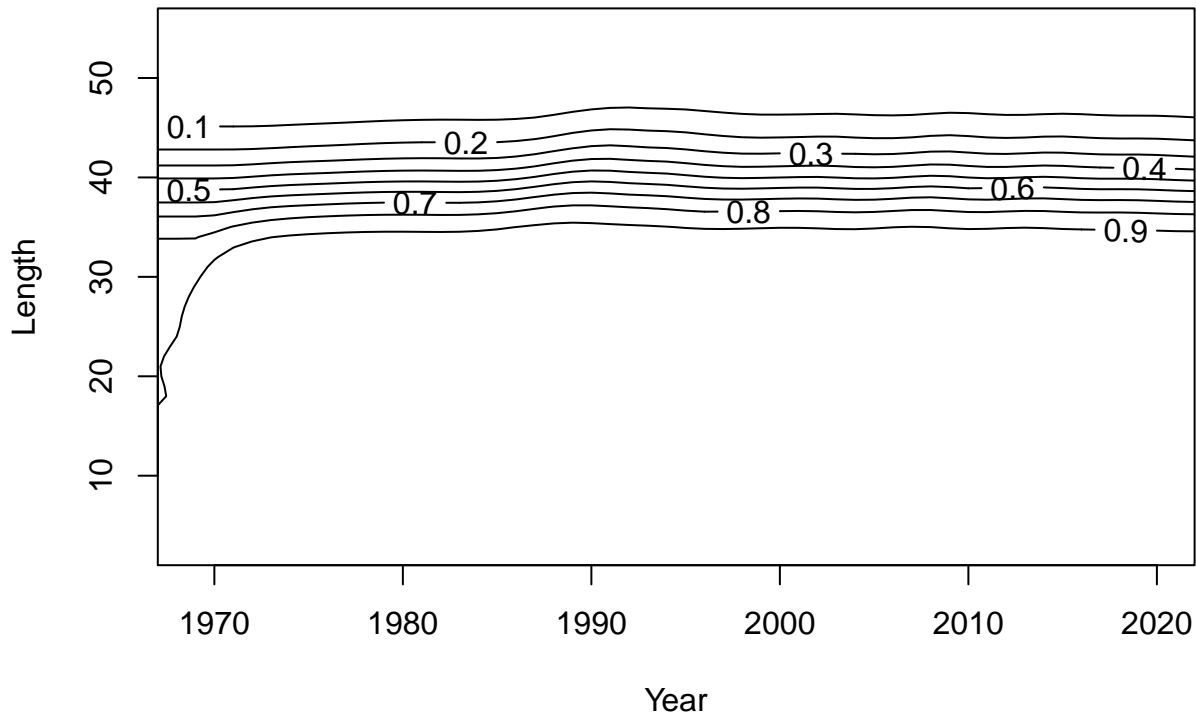


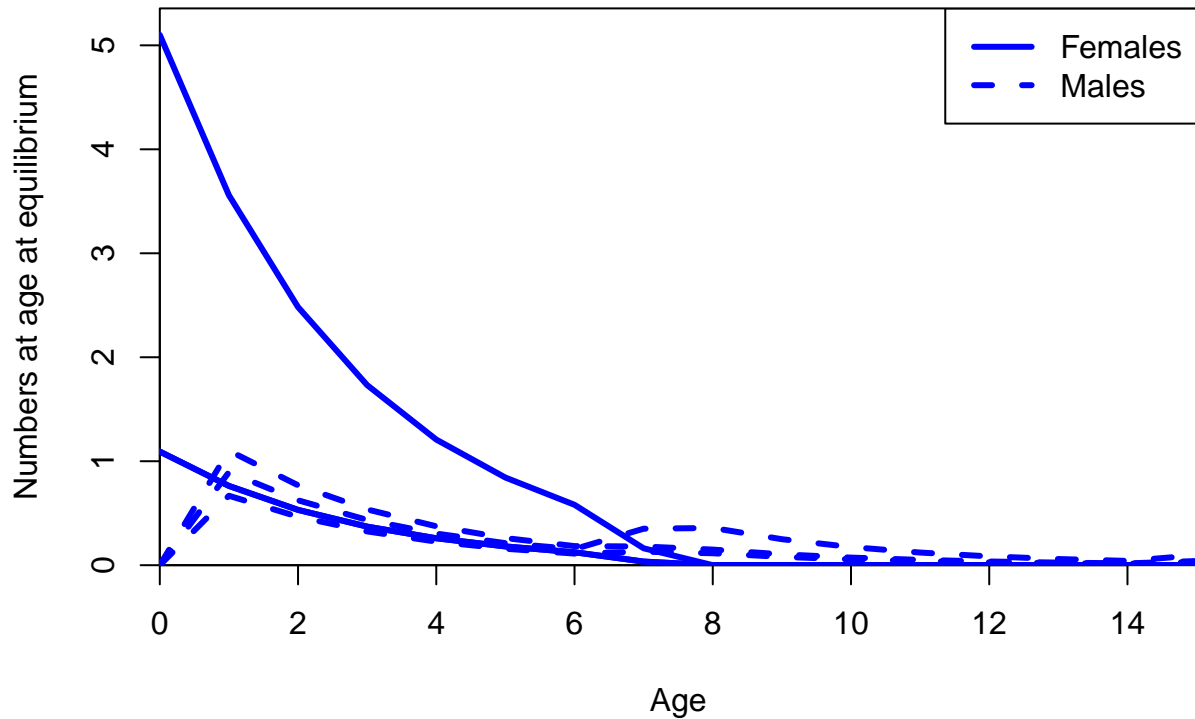


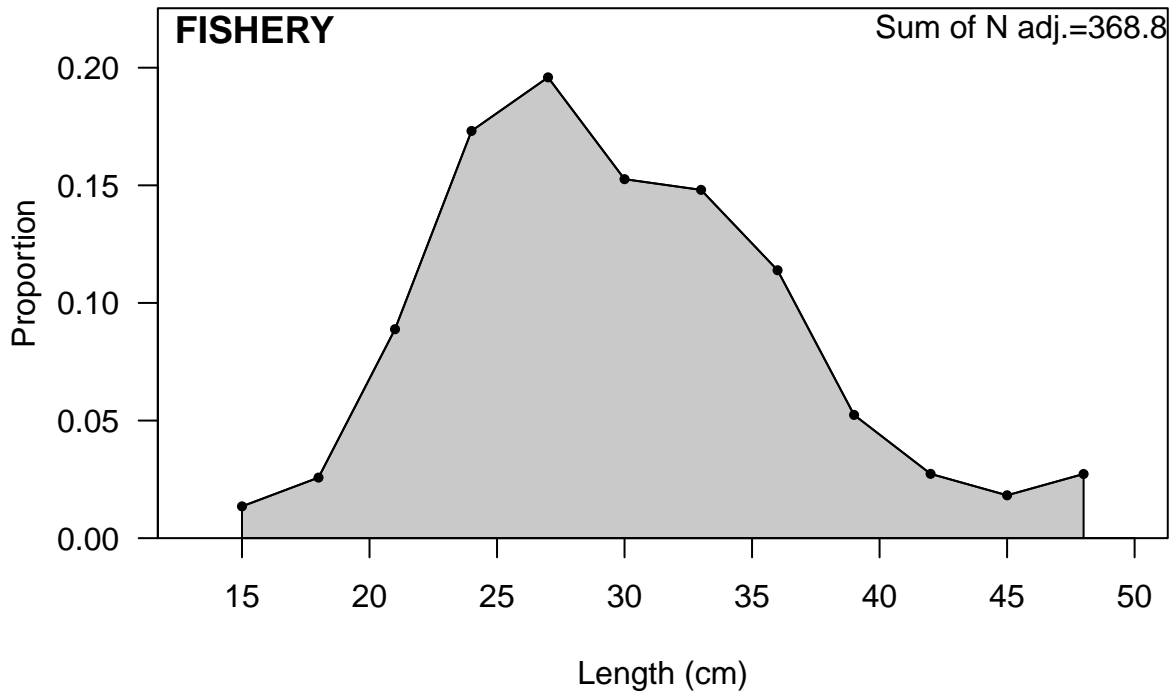


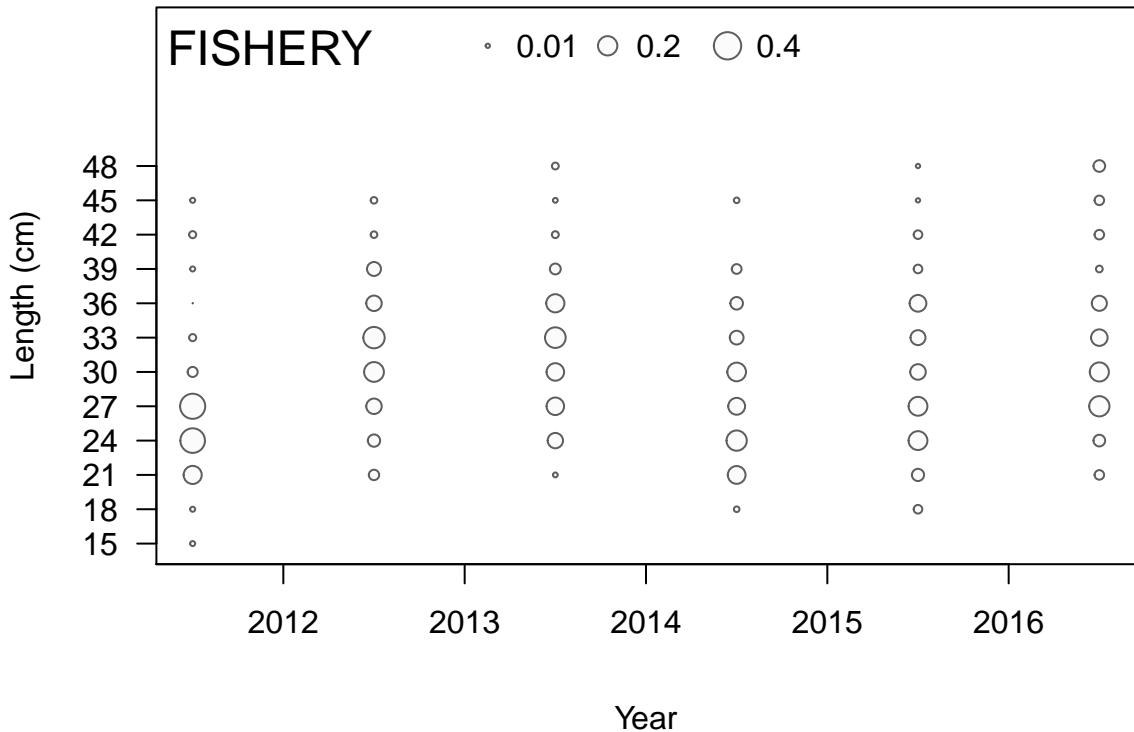




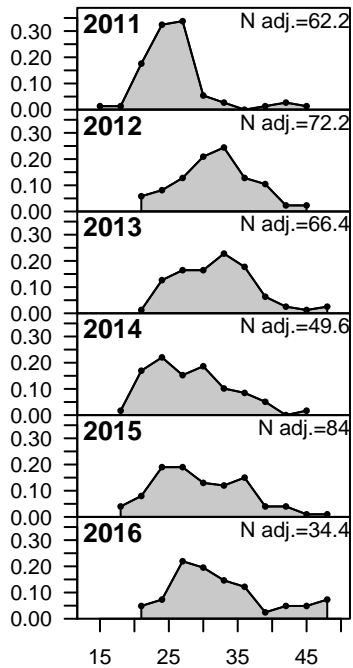




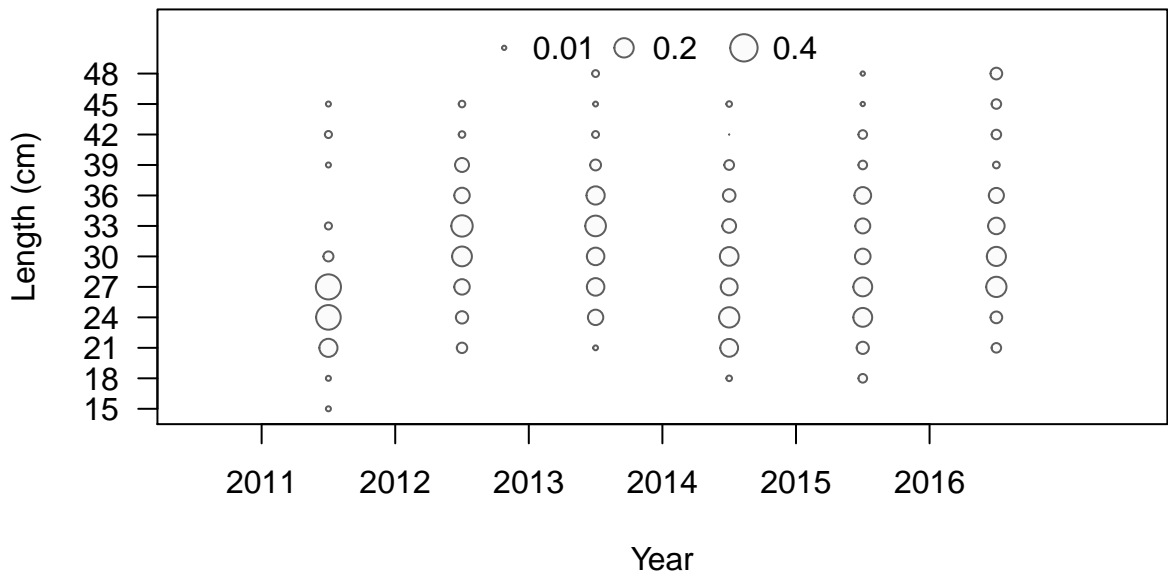




Proportion

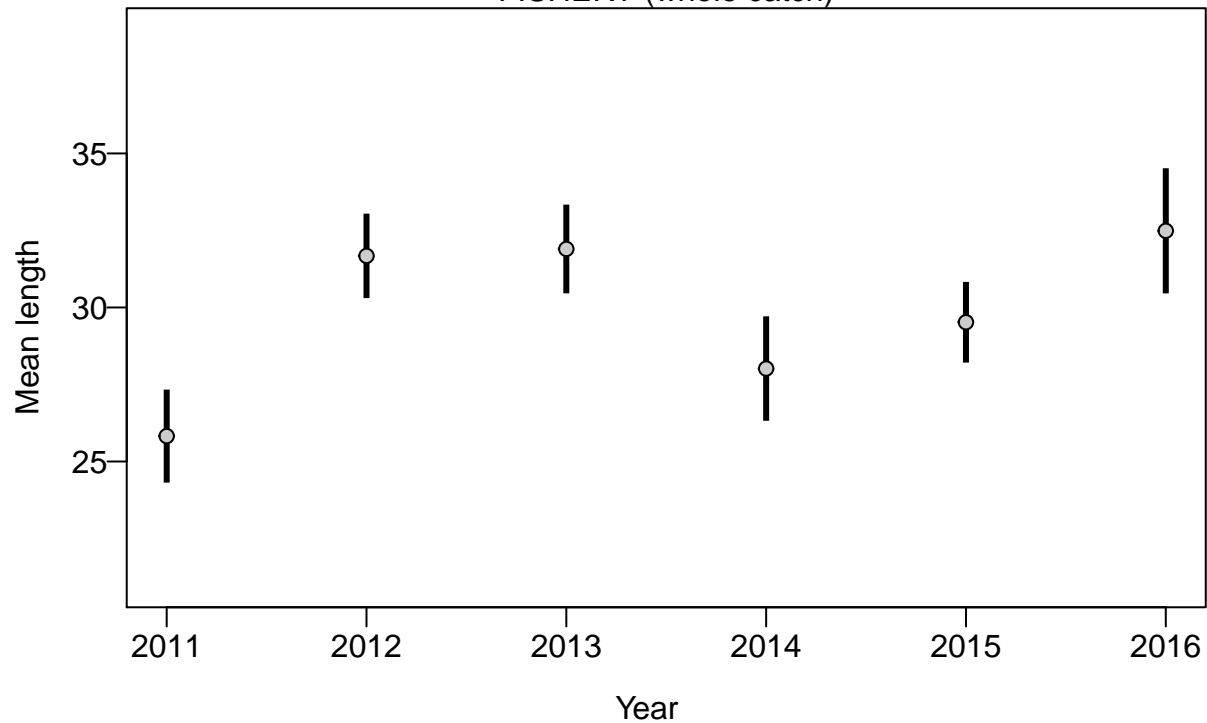


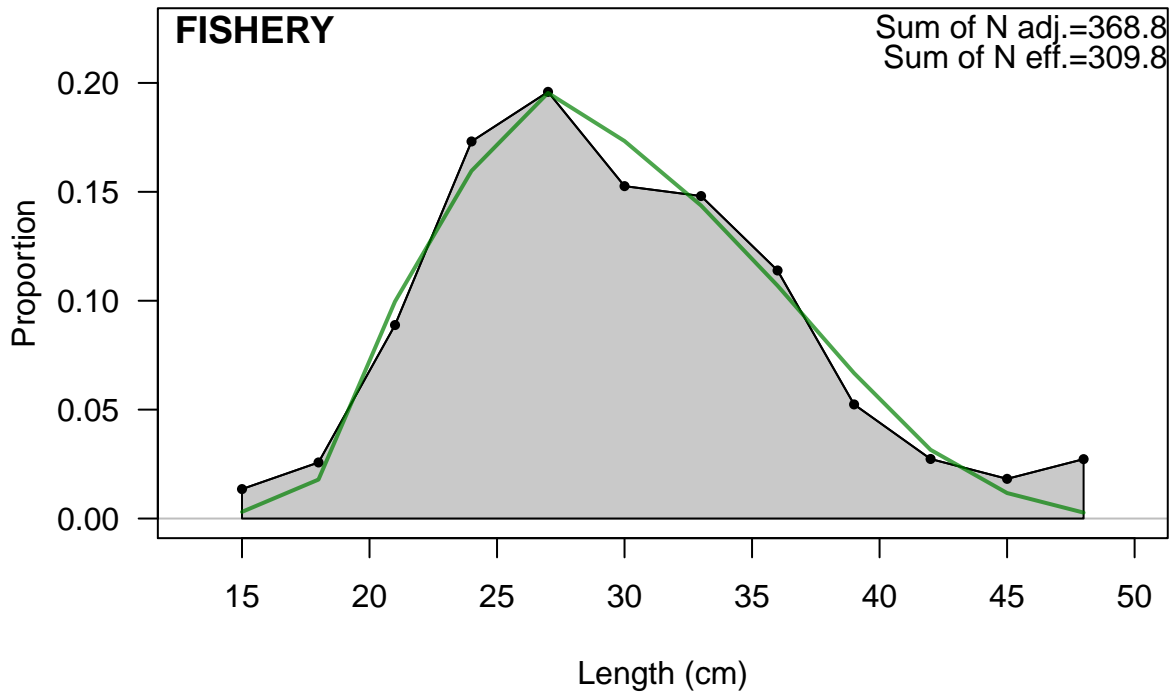
Length (cm)

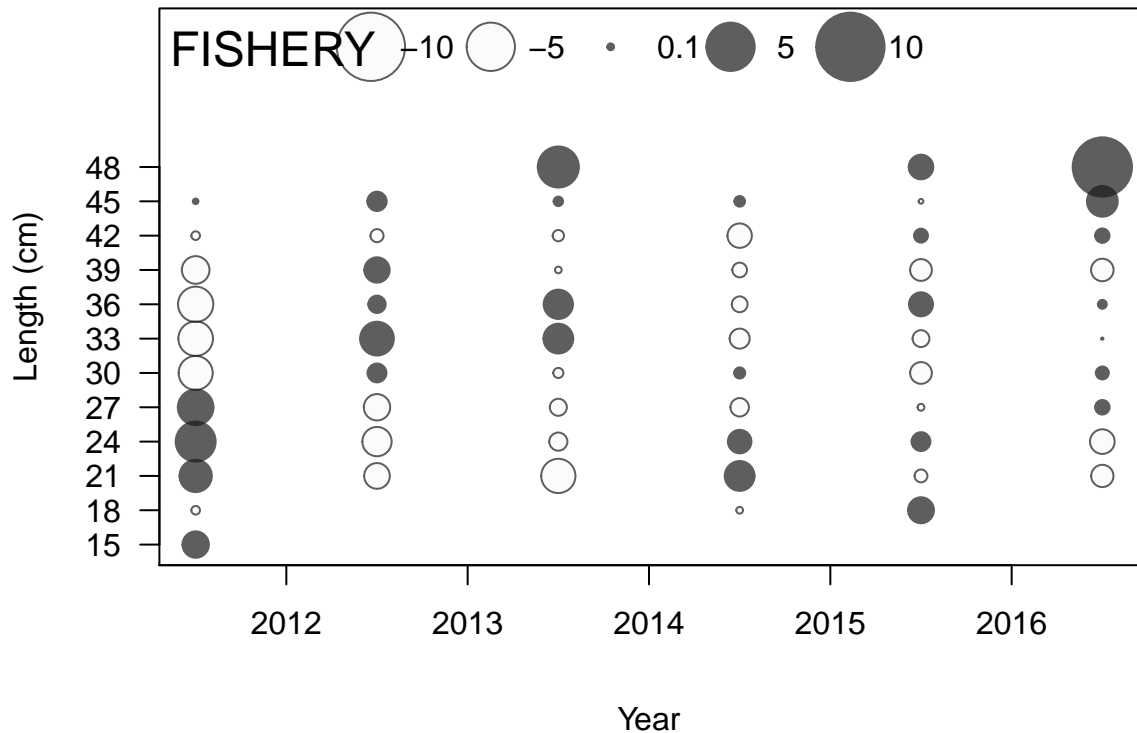




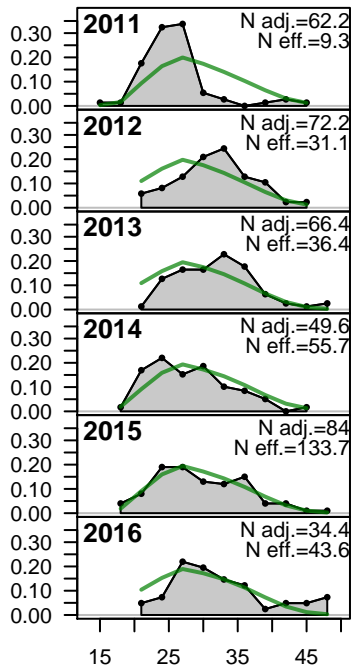
FISHERY (whole catch)





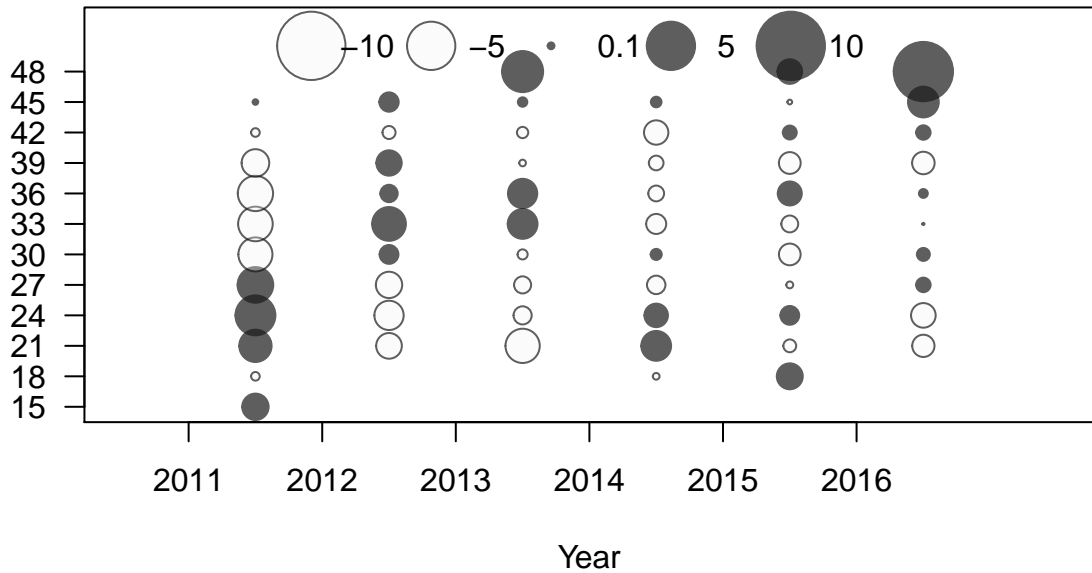


Proportion

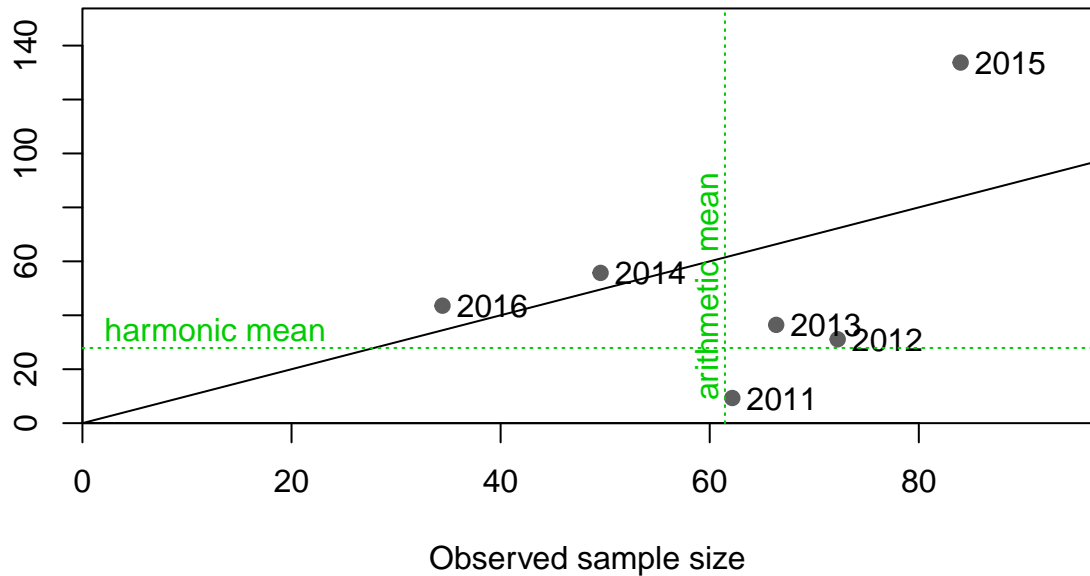


Length (cm)

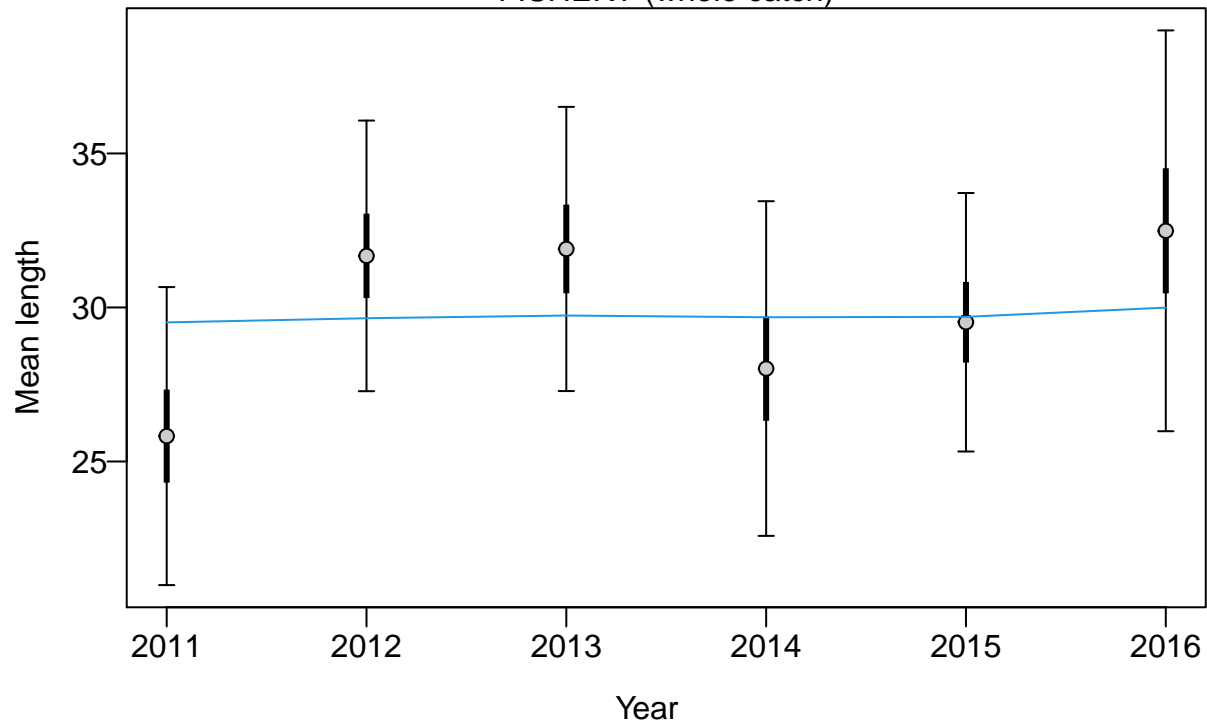
Length (cm)

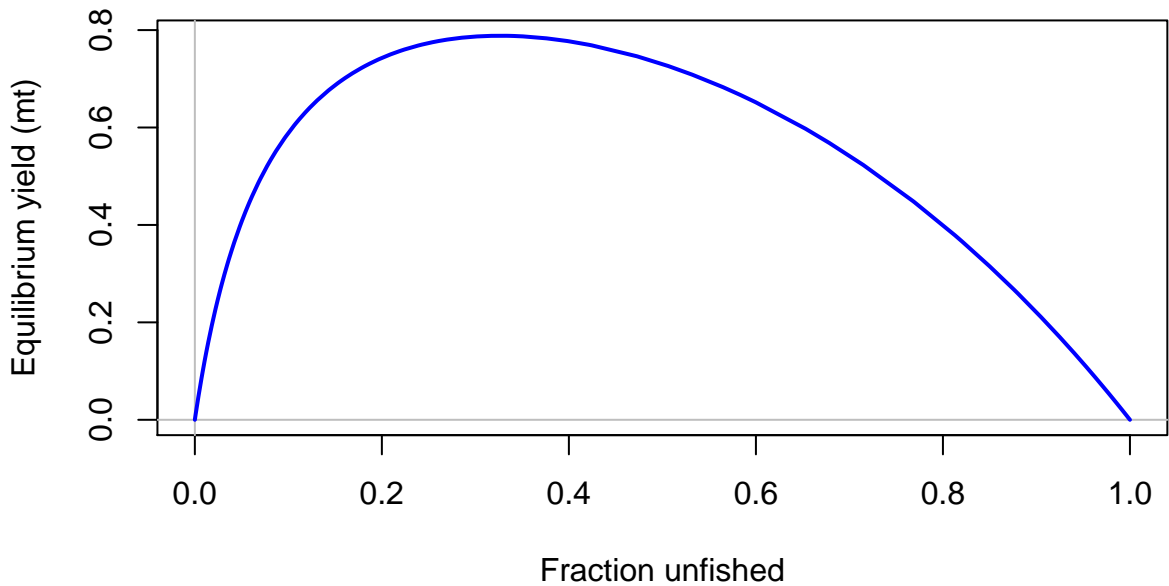


Effective sample size

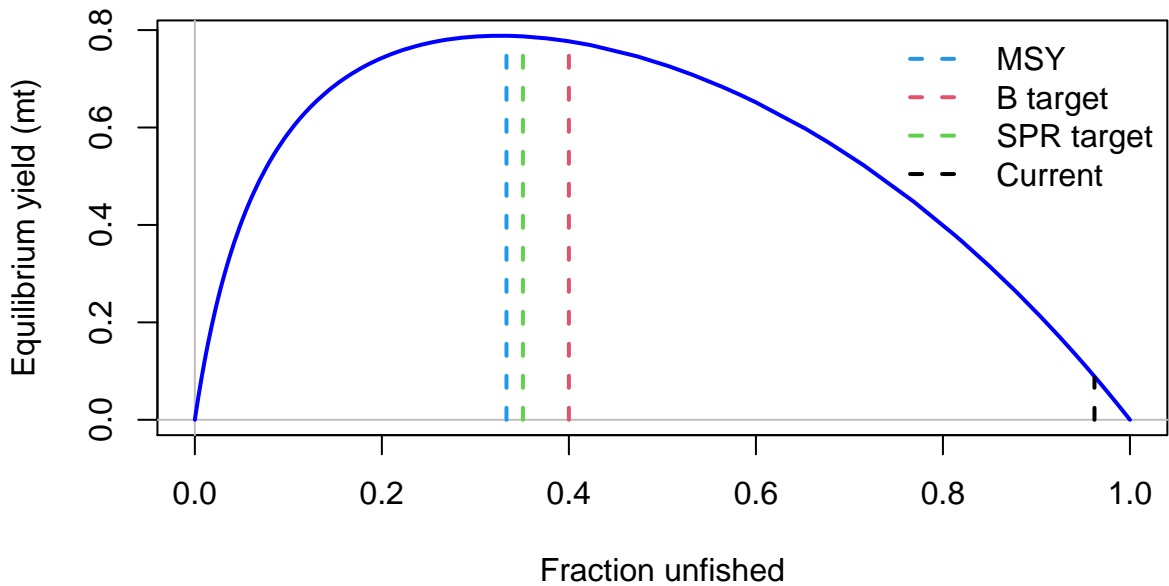


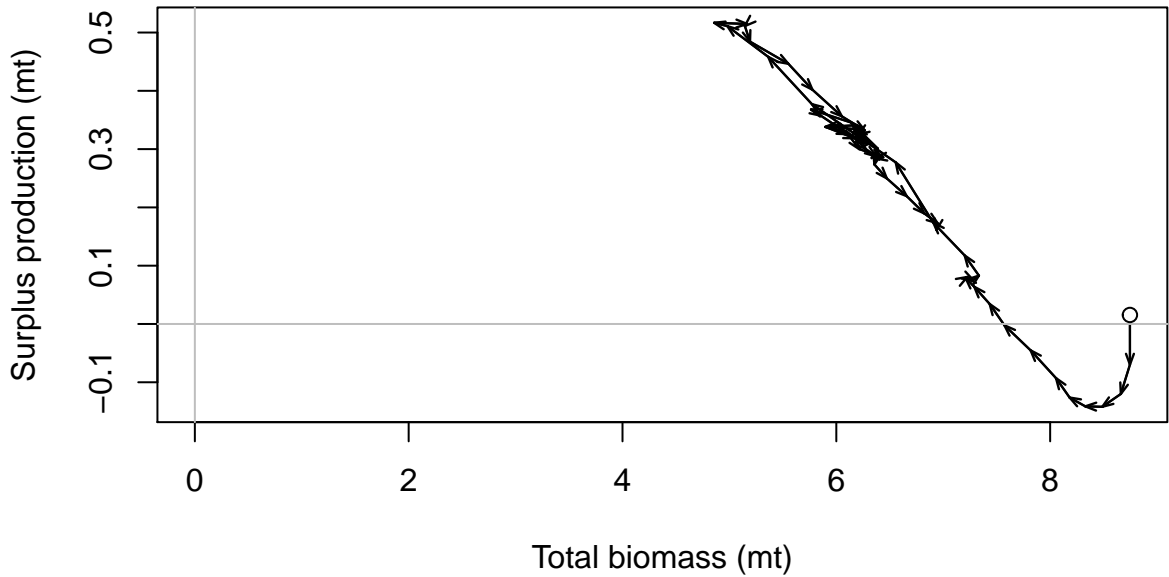
FISHERY (whole catch)

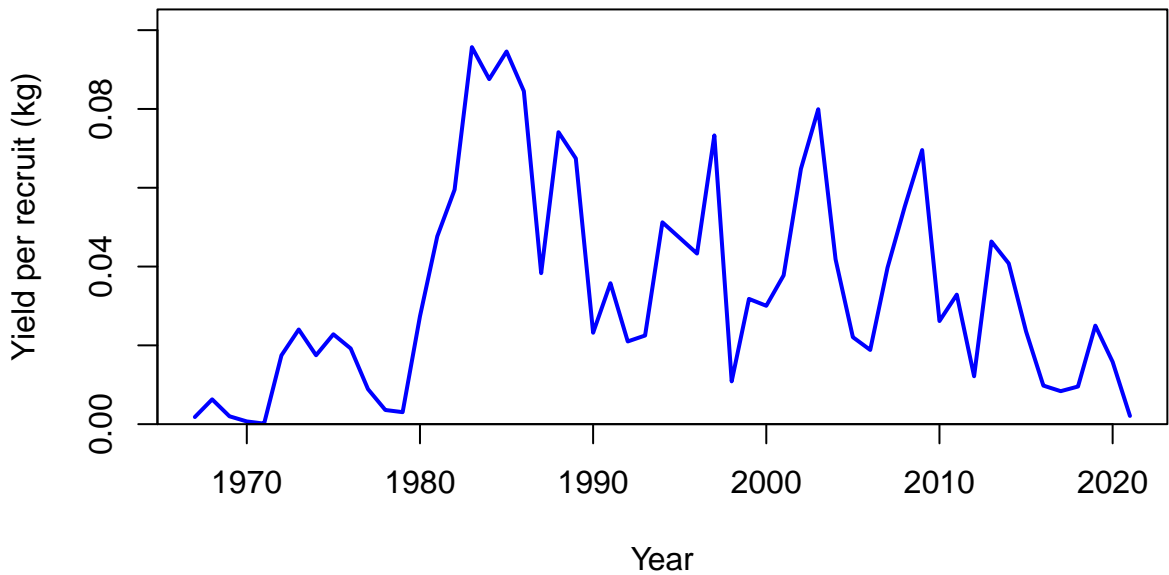


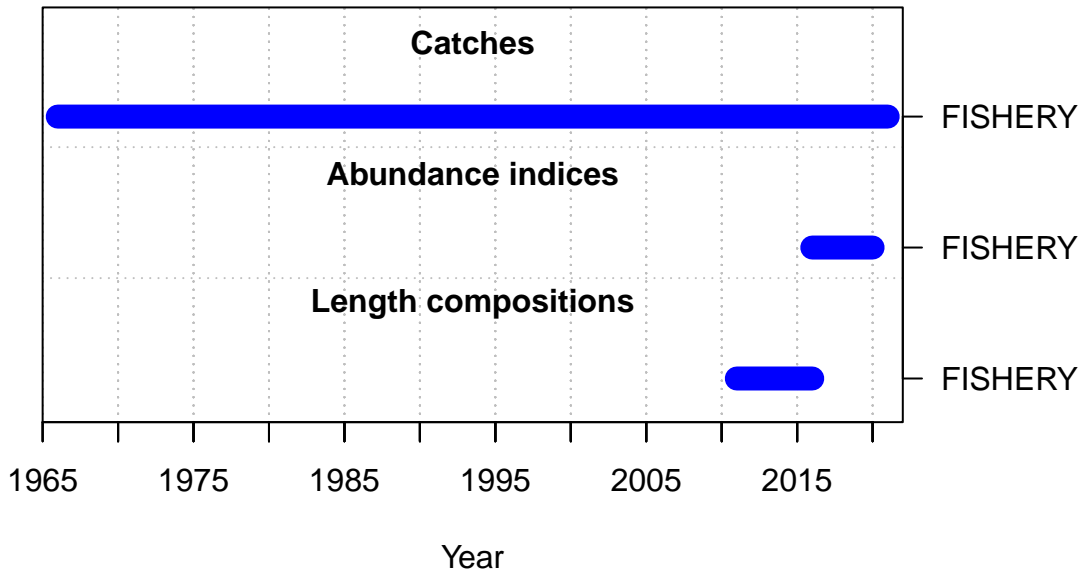


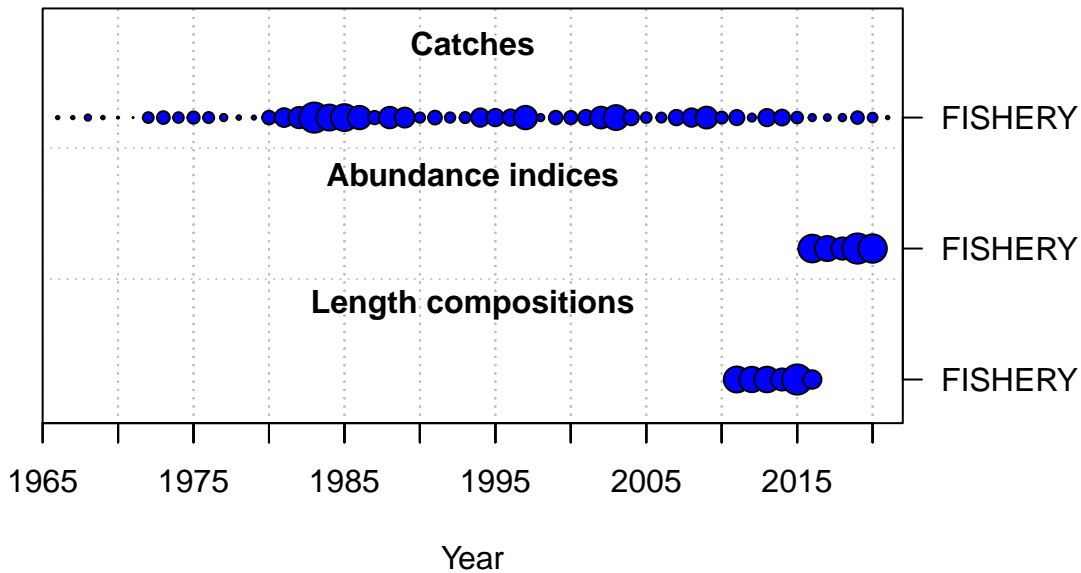








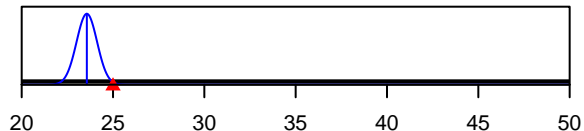




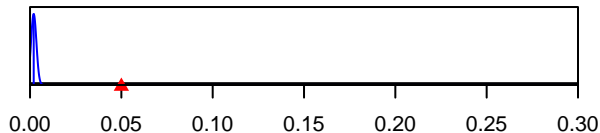
SR\_LN(R0)



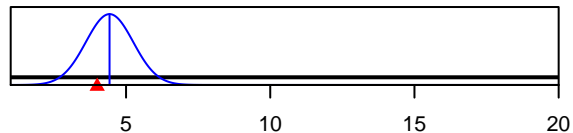
Size\_inflection\_FISHERY(1)



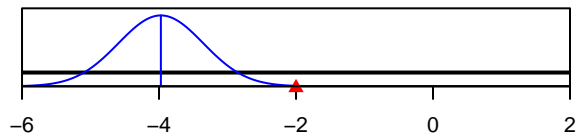
InitF\_seas\_1\_flt\_1FISHERY



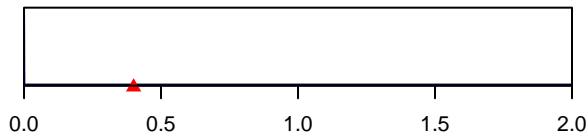
Size\_95%width\_FISHERY(1)



LnQ\_base\_FISHERY(1)



Q\_extraSD\_FISHERY(1)



Parameter value