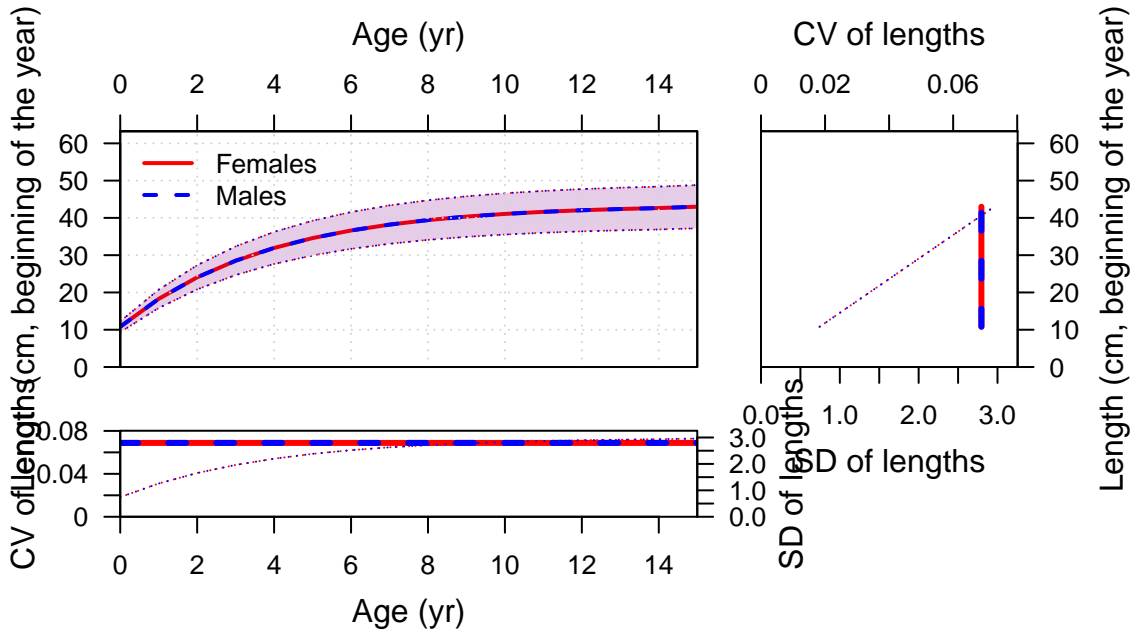


Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Tue Aug 30 11:22:36 2022
Data_File: data.ss
Control_File: control.ss

Length (cm, beginning of the year)







































Fecundity



Fecundity



Spawning output

3

2

1

0

0

10

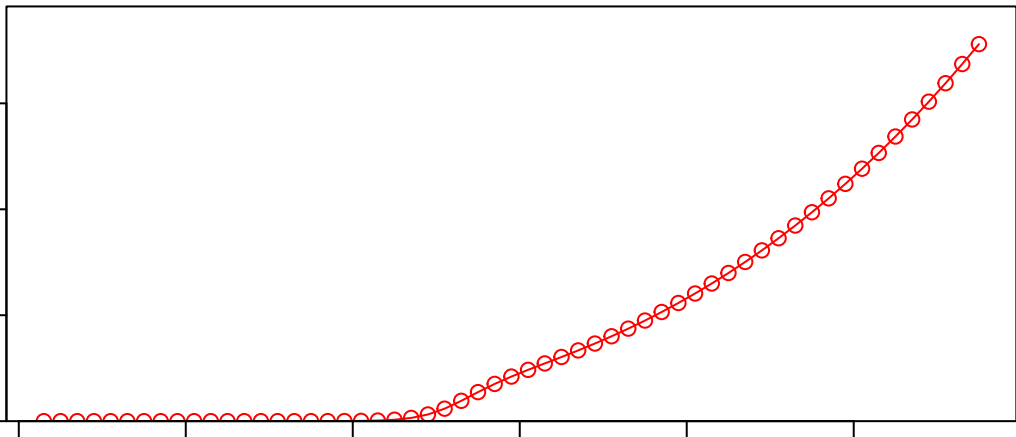
20

30

40

50

Length (cm)





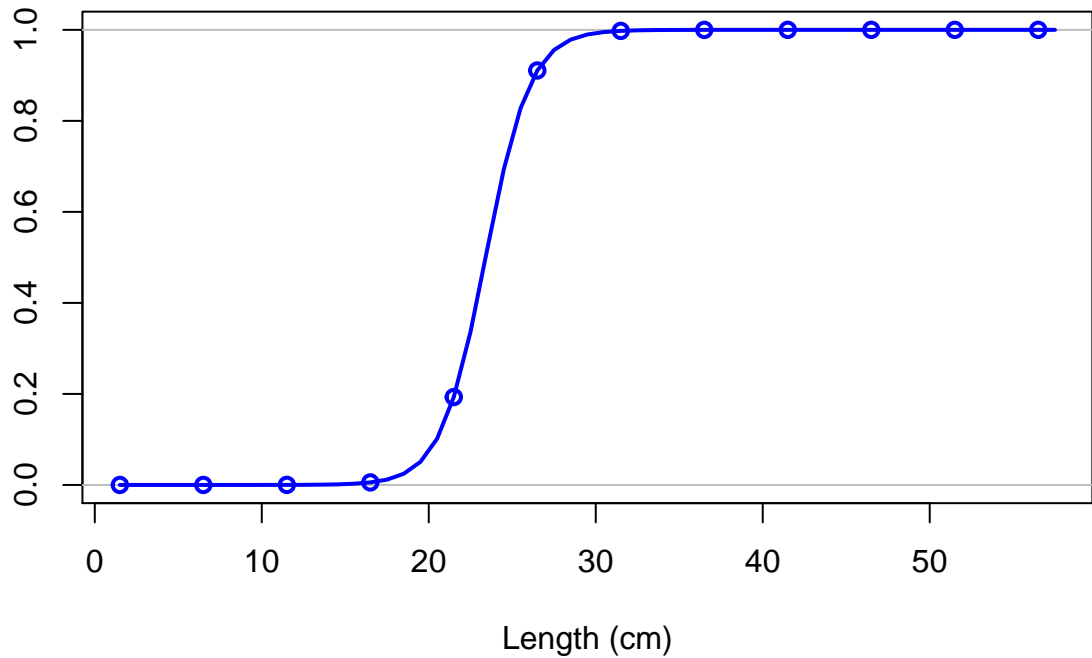
Hermaphroditism transition rate



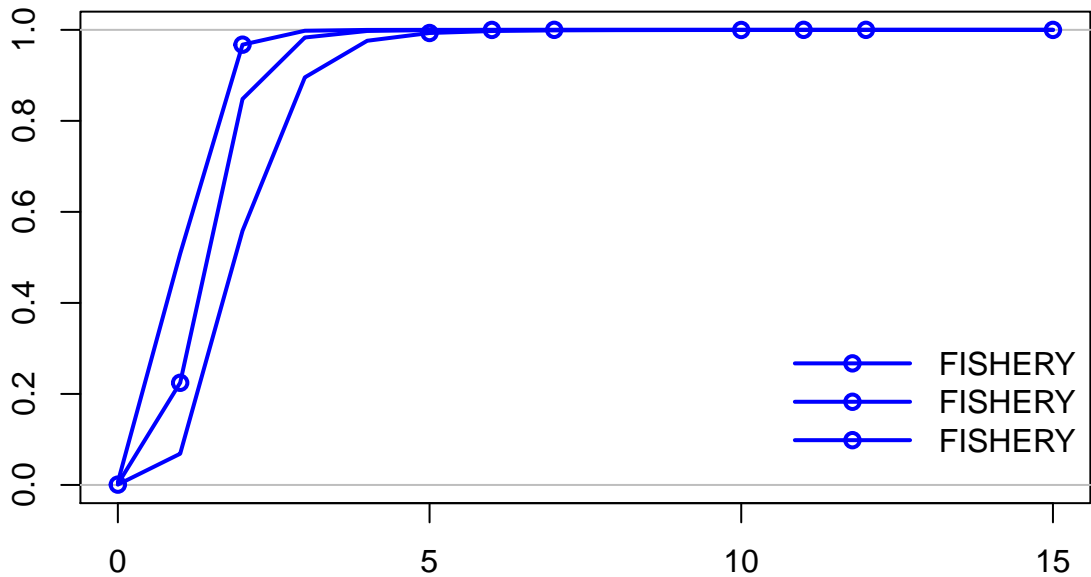
Fraction females by age at equilibrium



Selectivity

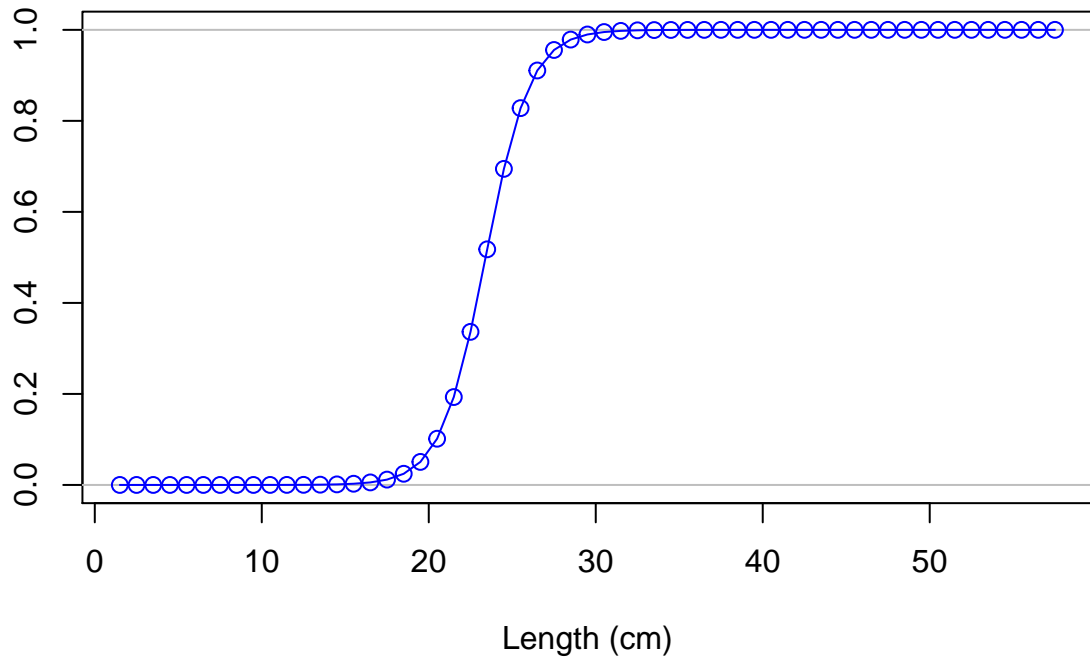


Selectivity

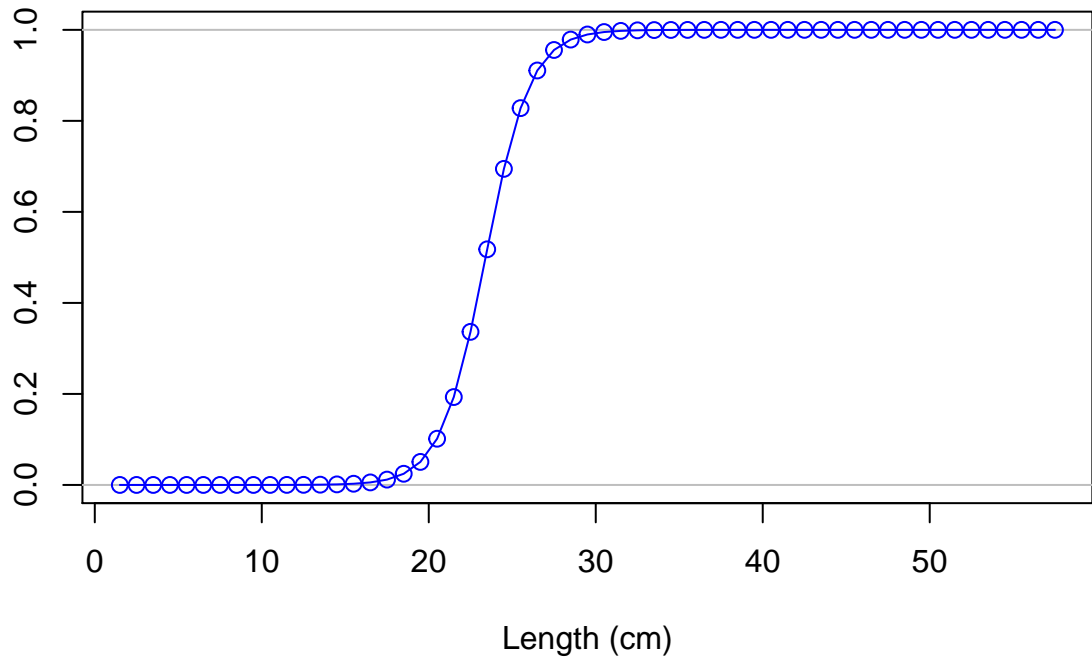


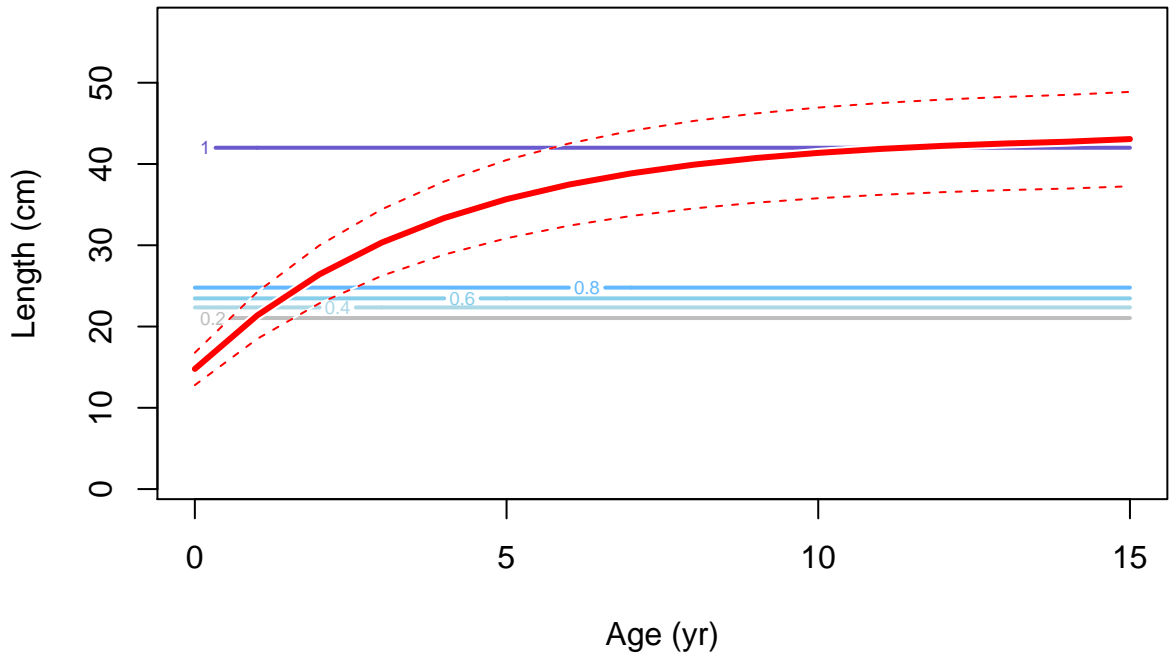
Age (yr)

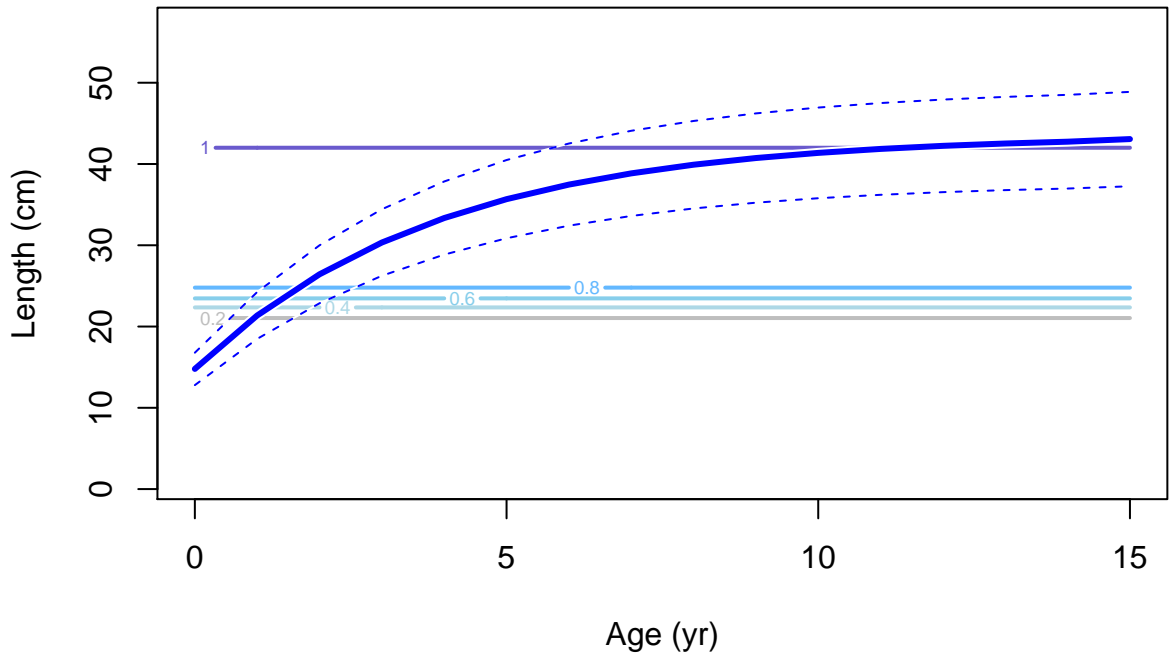
Selectivity

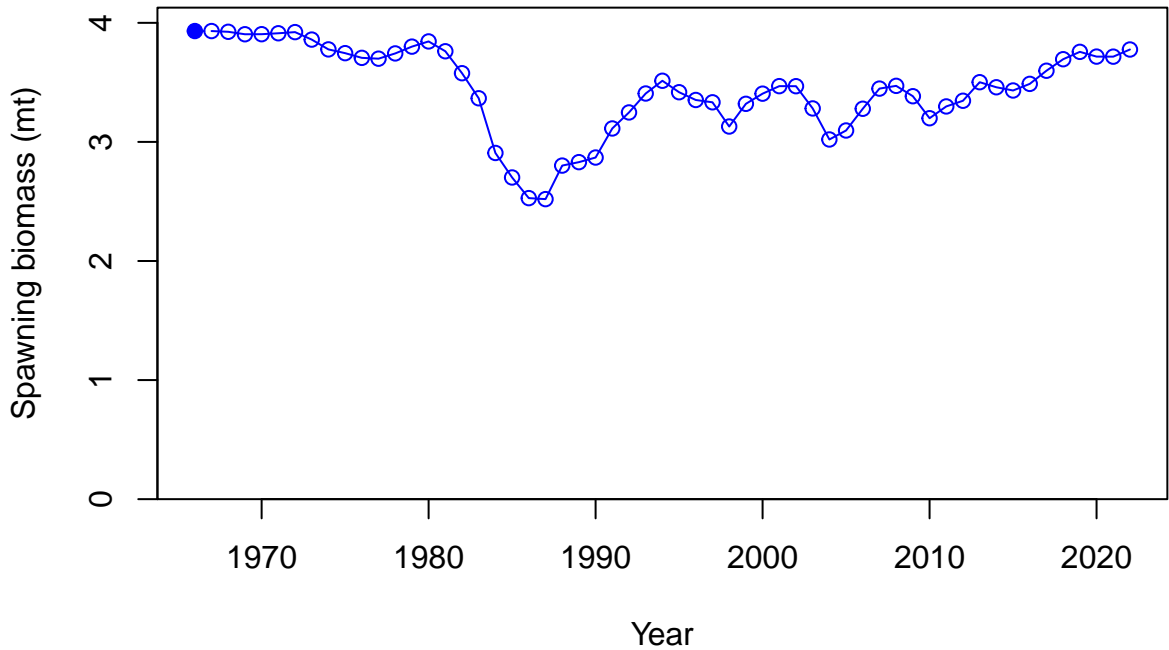


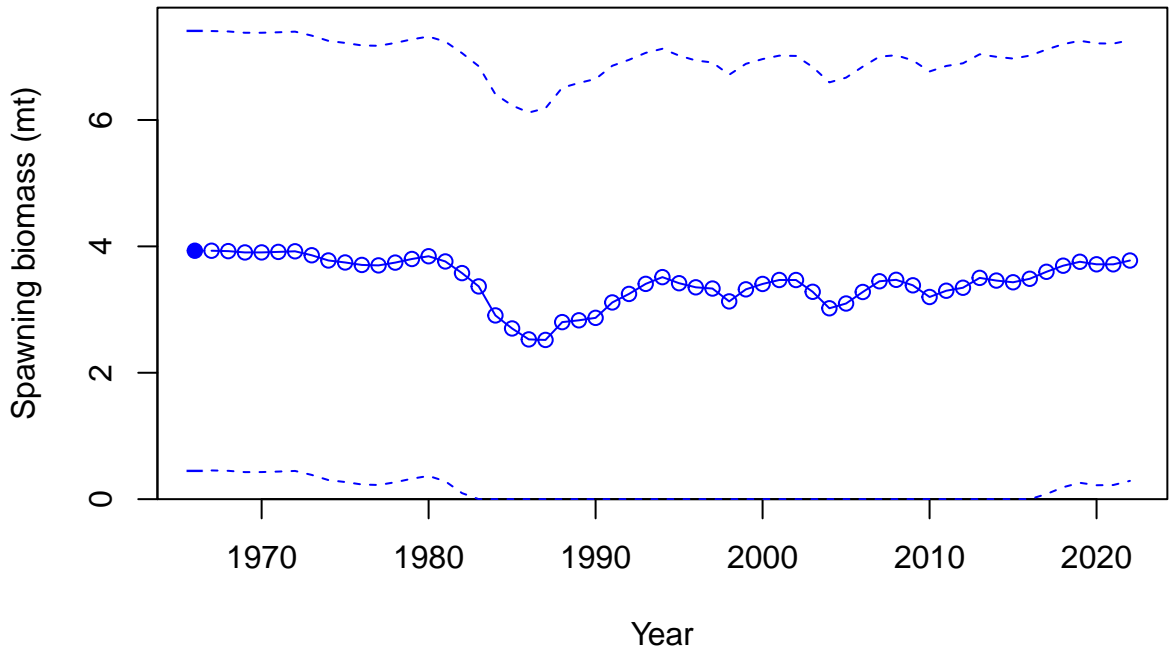
Selectivity



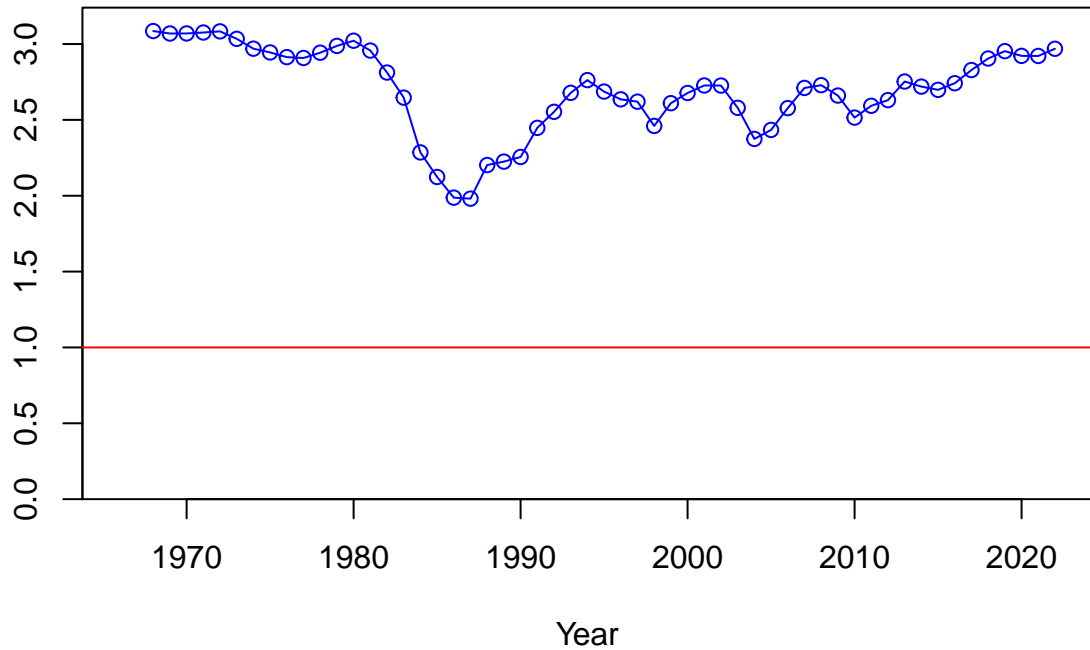




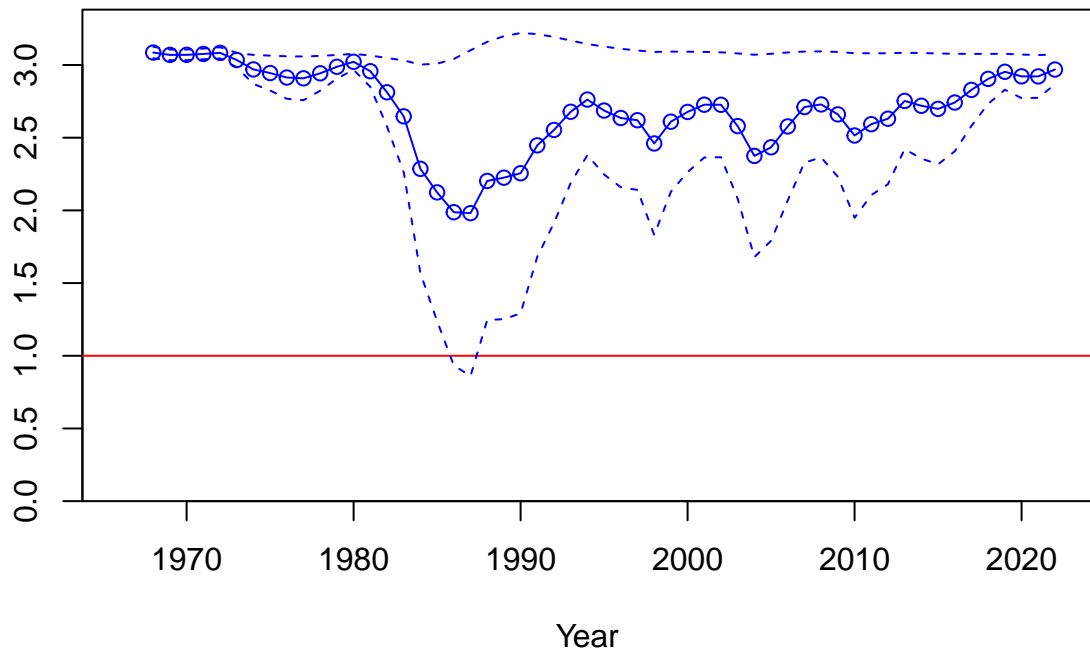


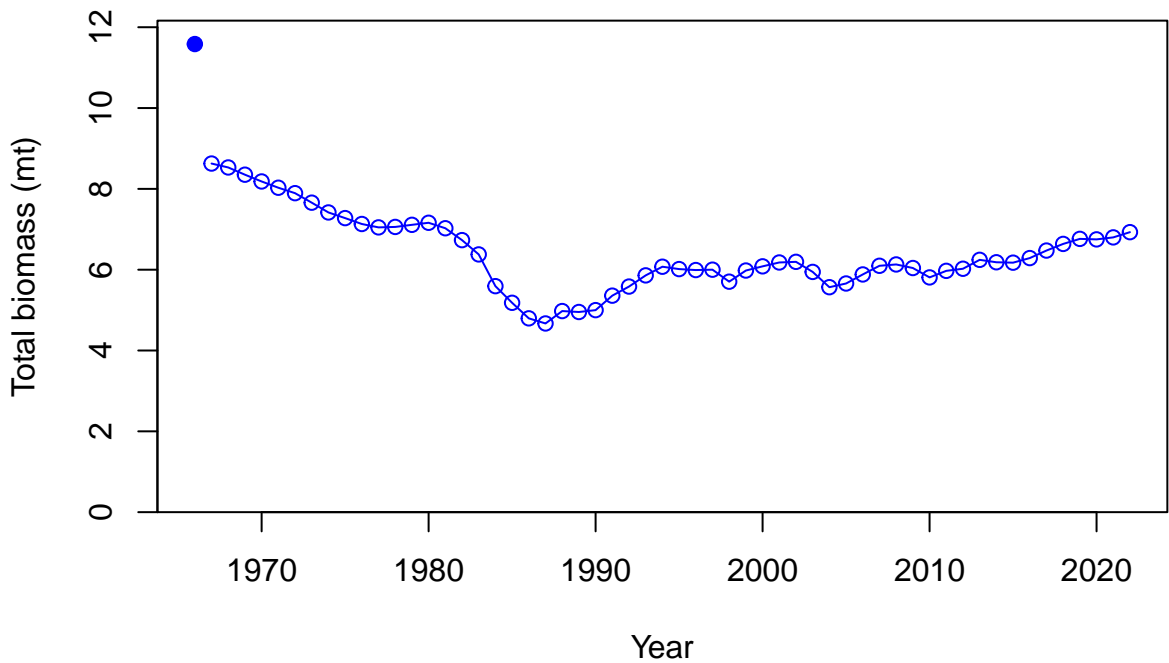


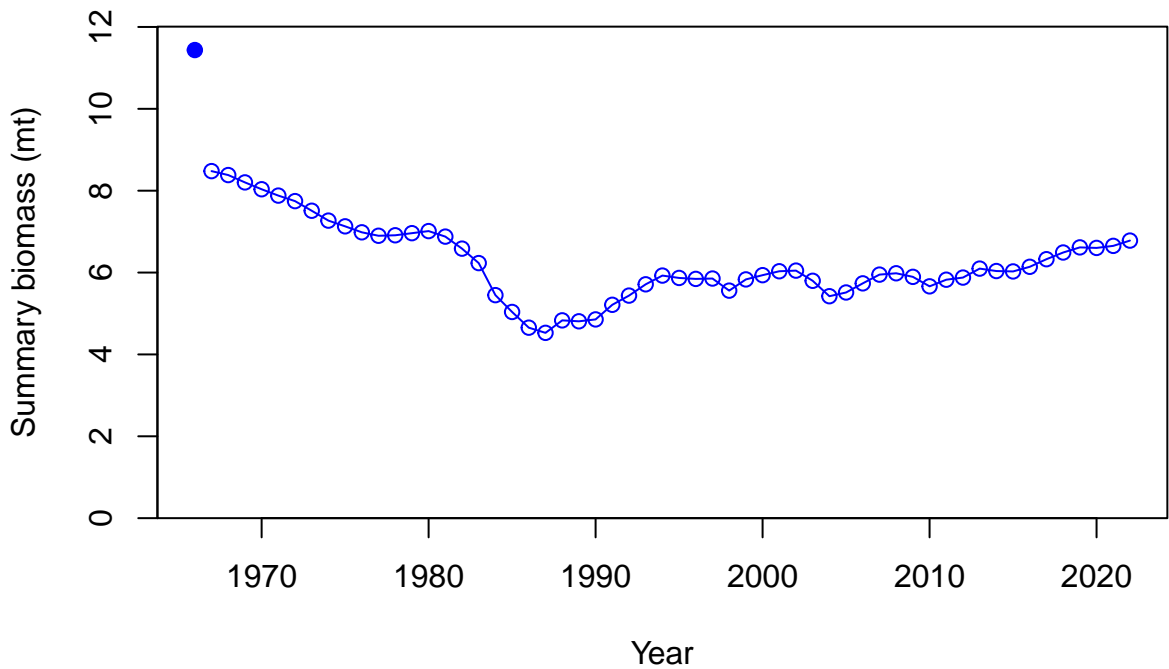
Relative spawning biomass: B/B_{MSY}



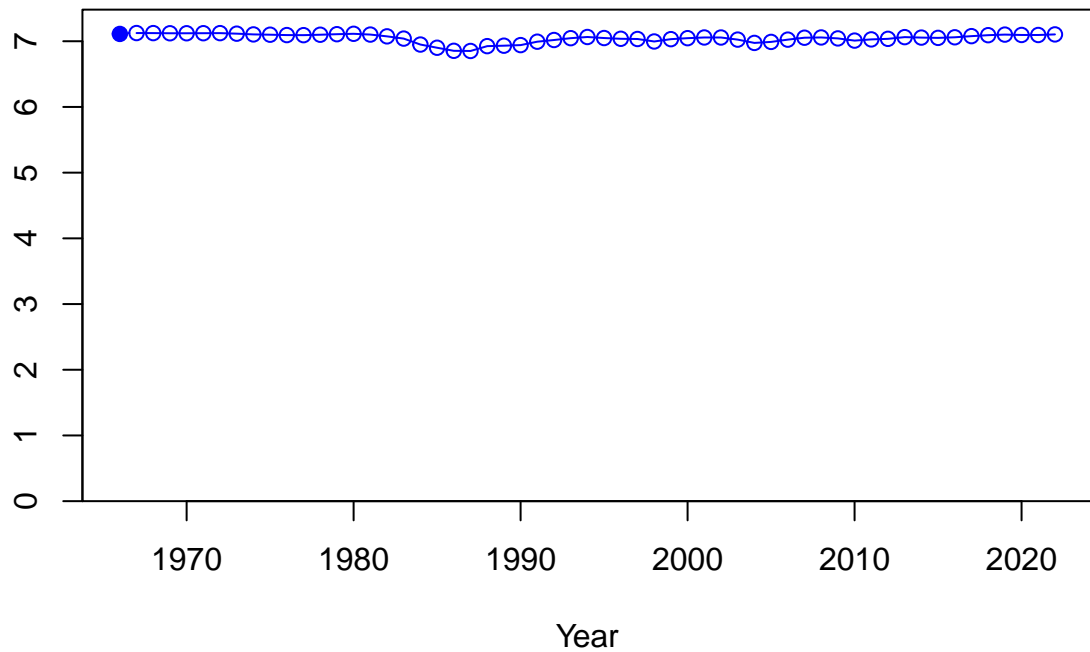
Relative spawning biomass: B/B_{MSY}



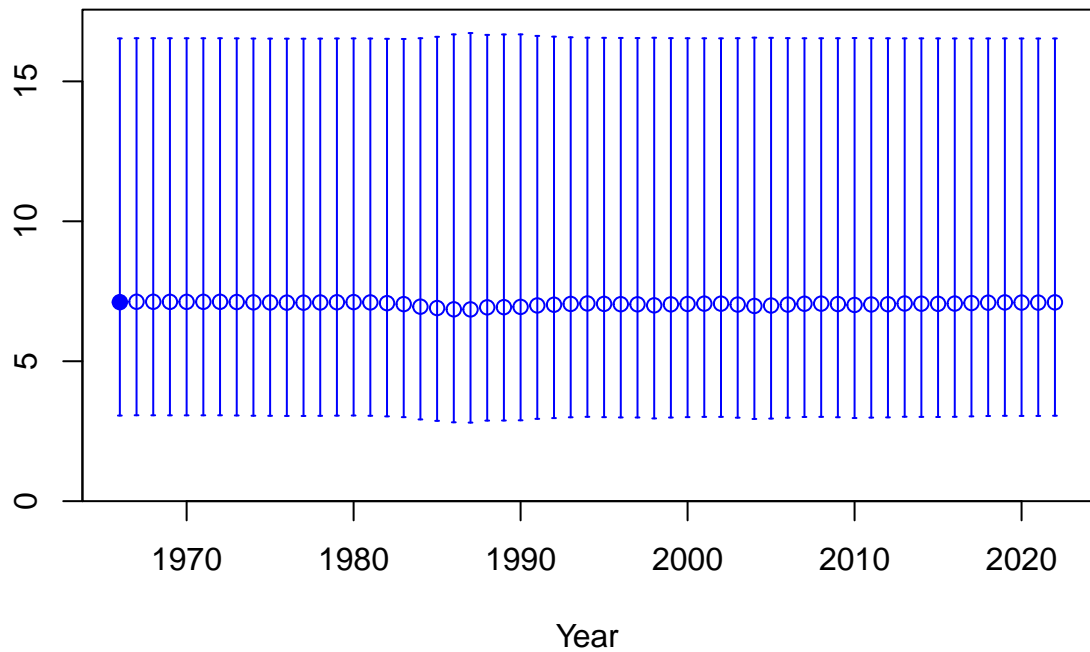




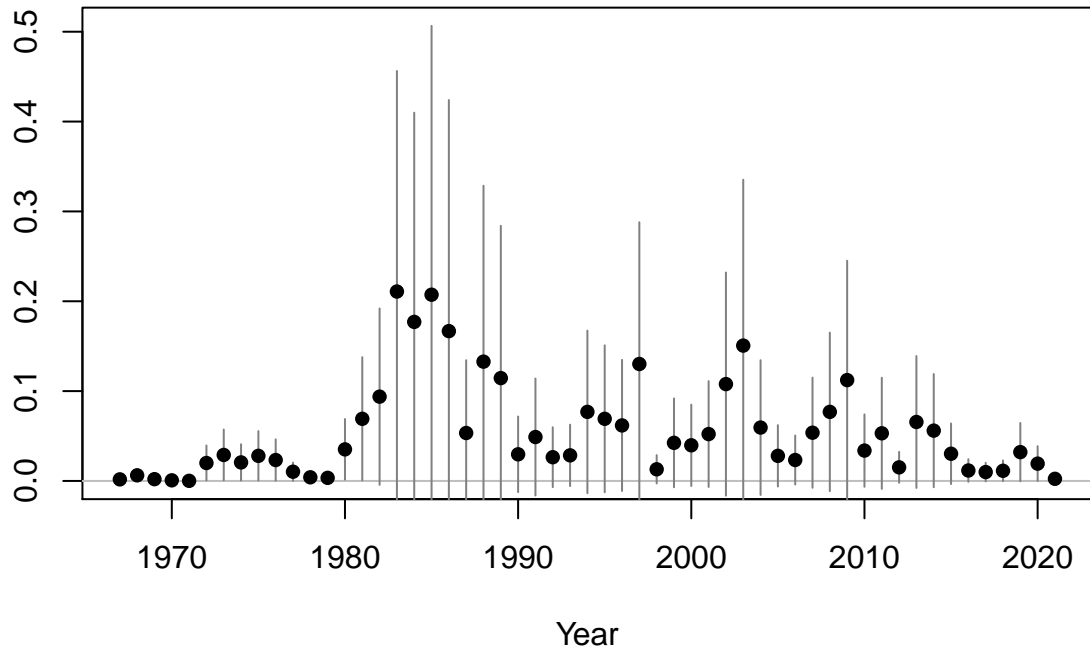
Age-0 recruits (1,000s)

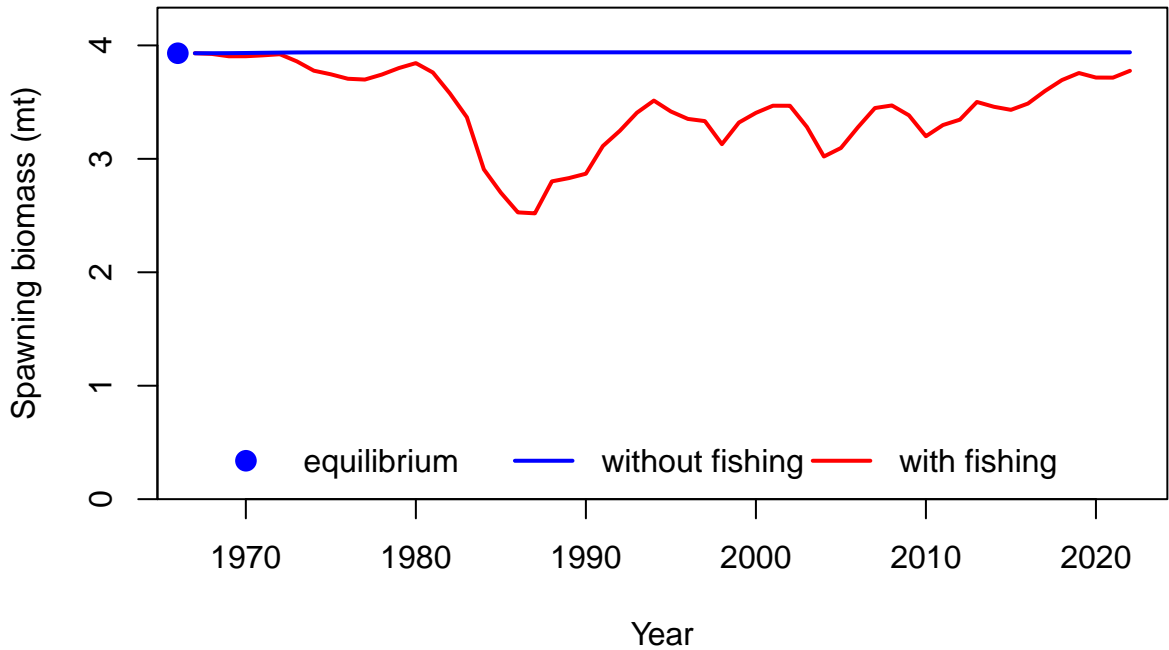


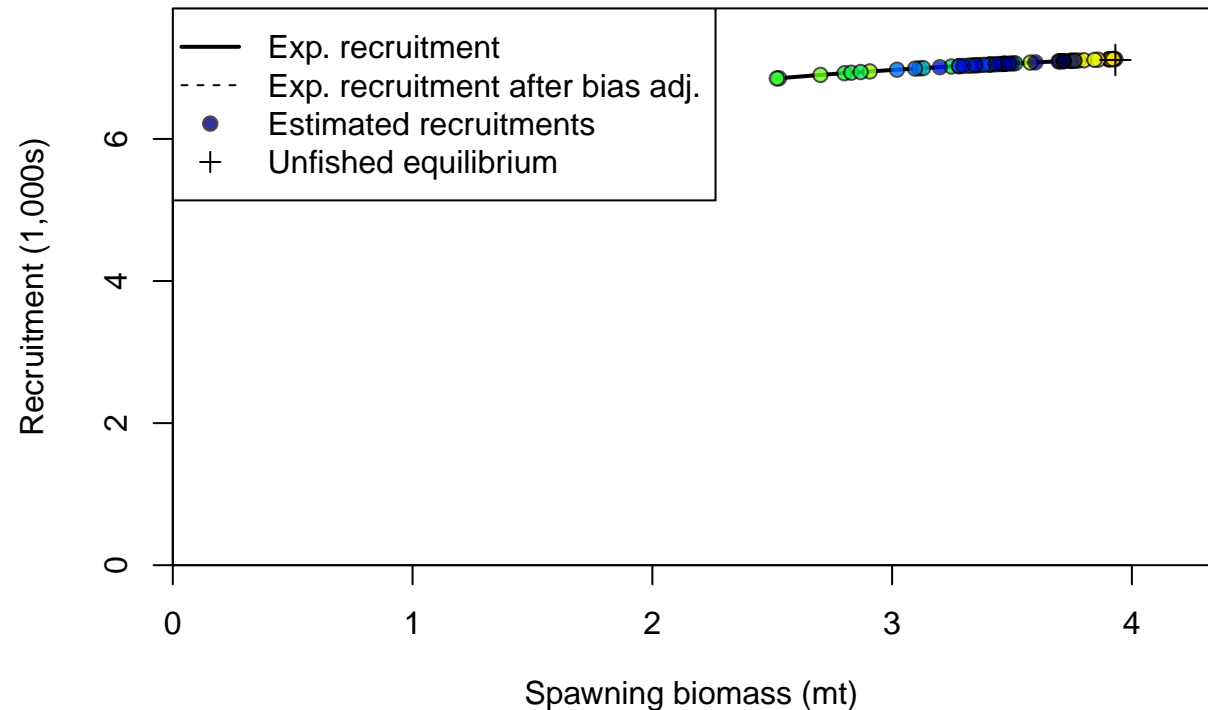
Age-0 recruits (1,000s)

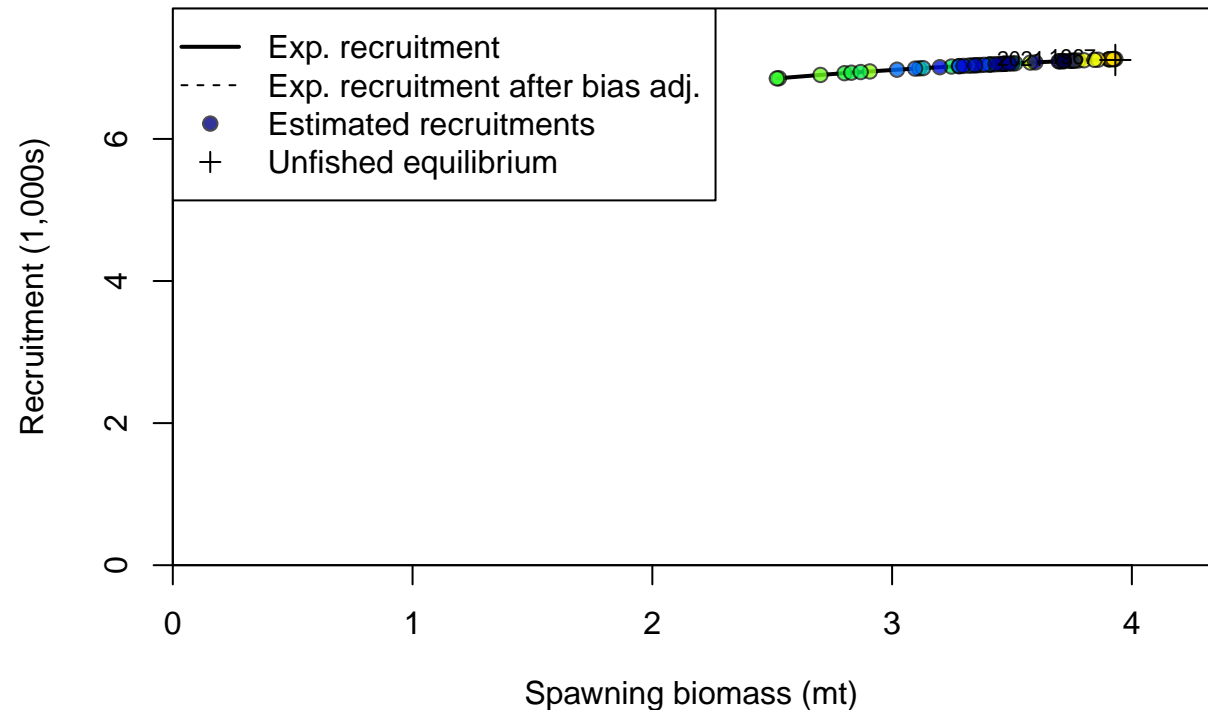


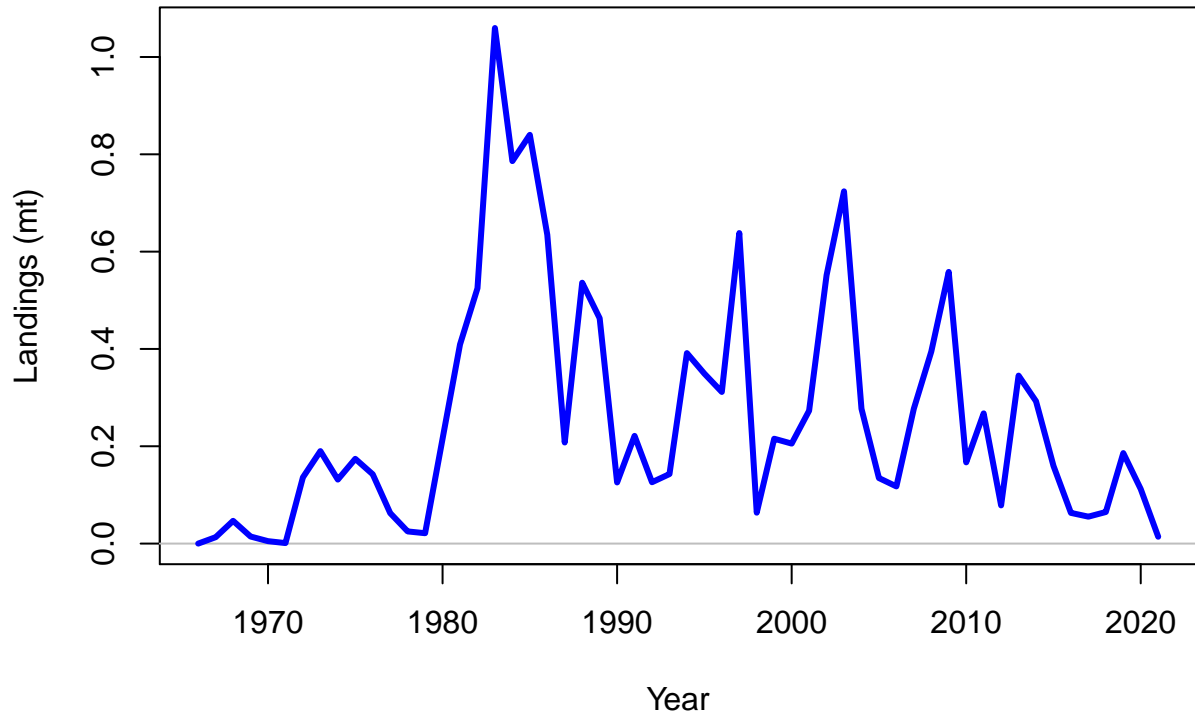
Summary Fishing Mortality

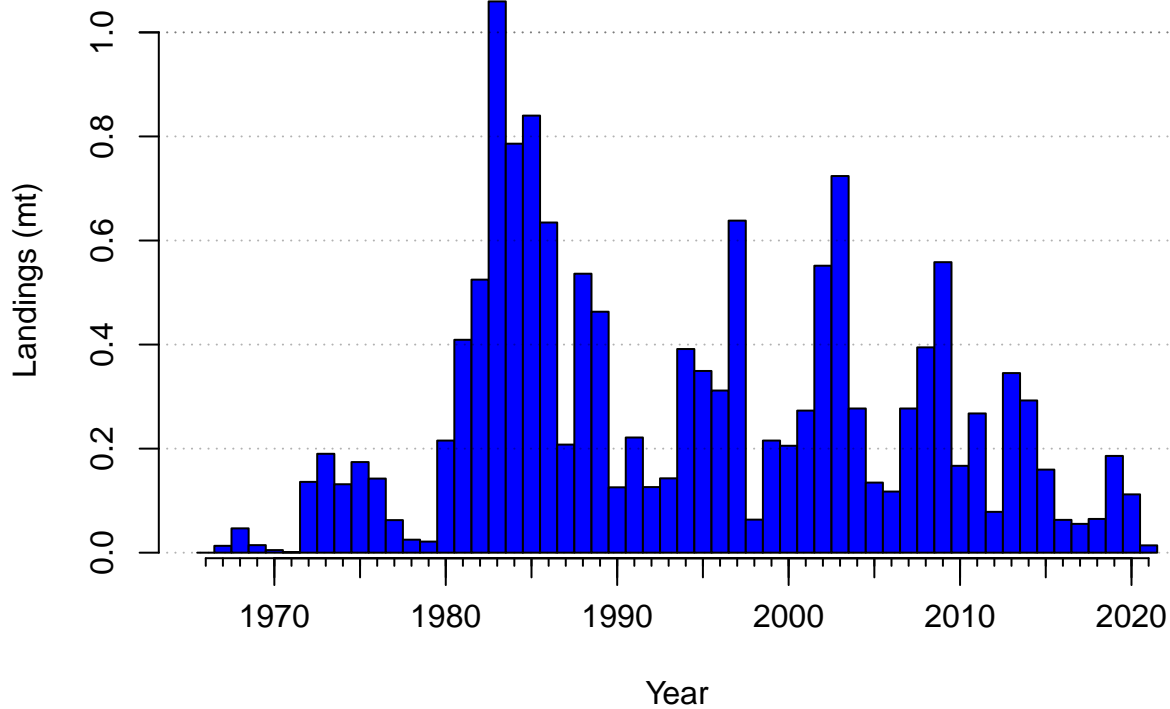


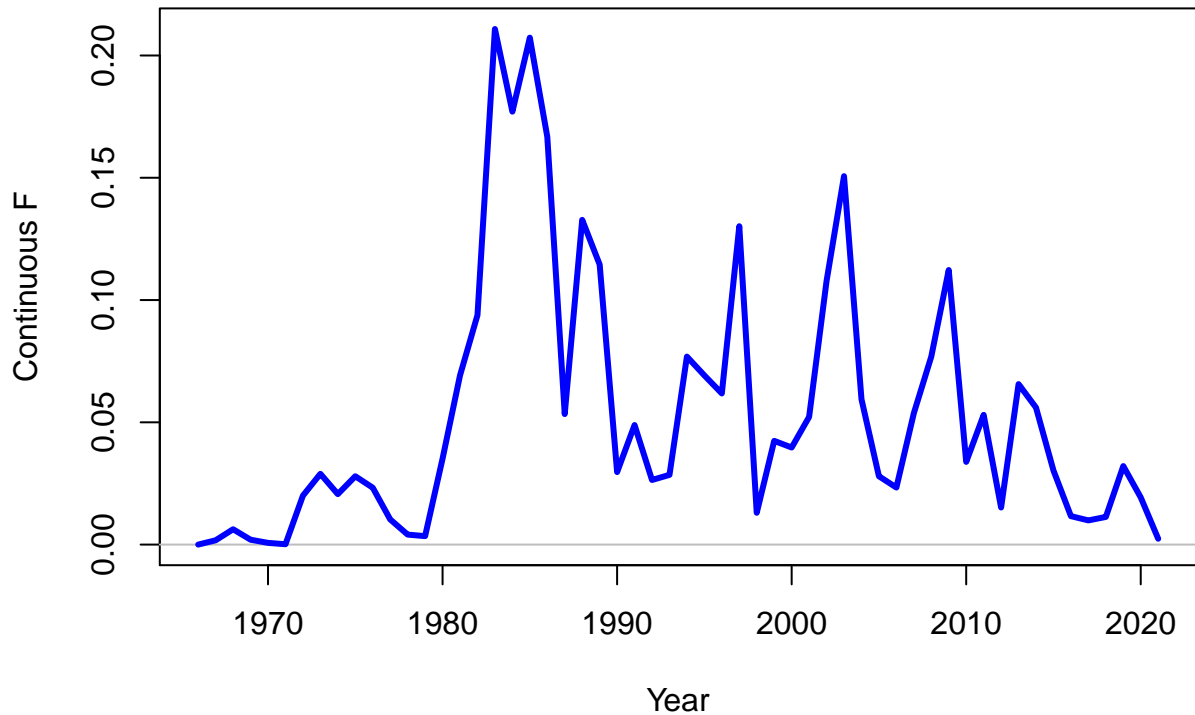




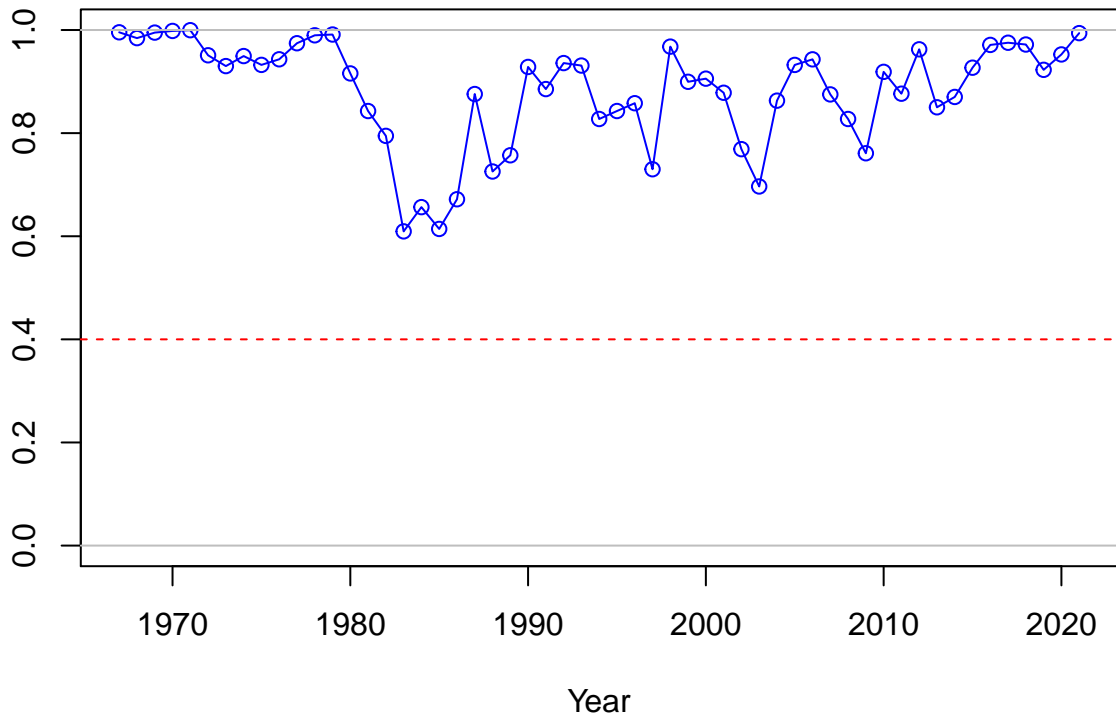




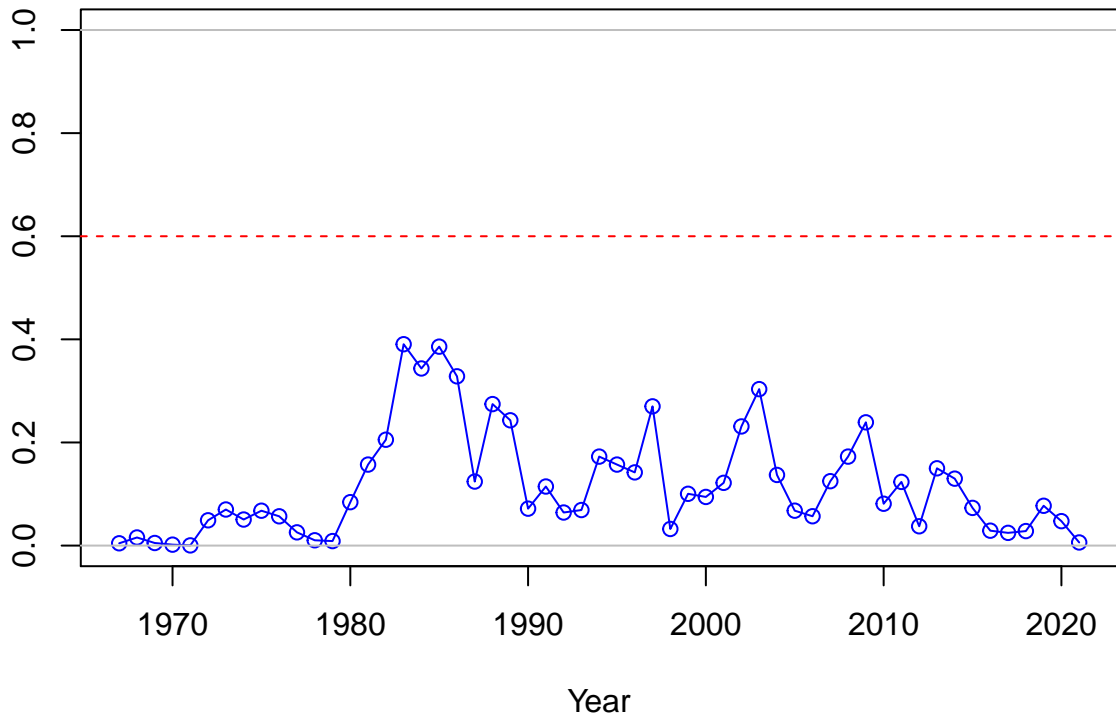




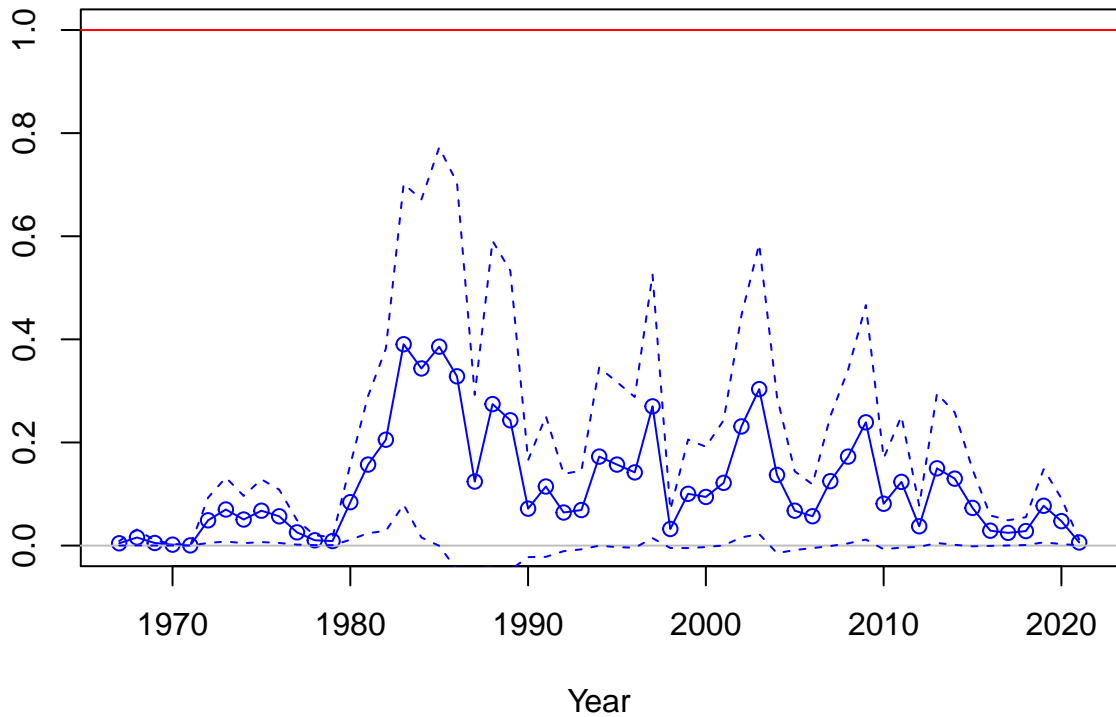
SPR



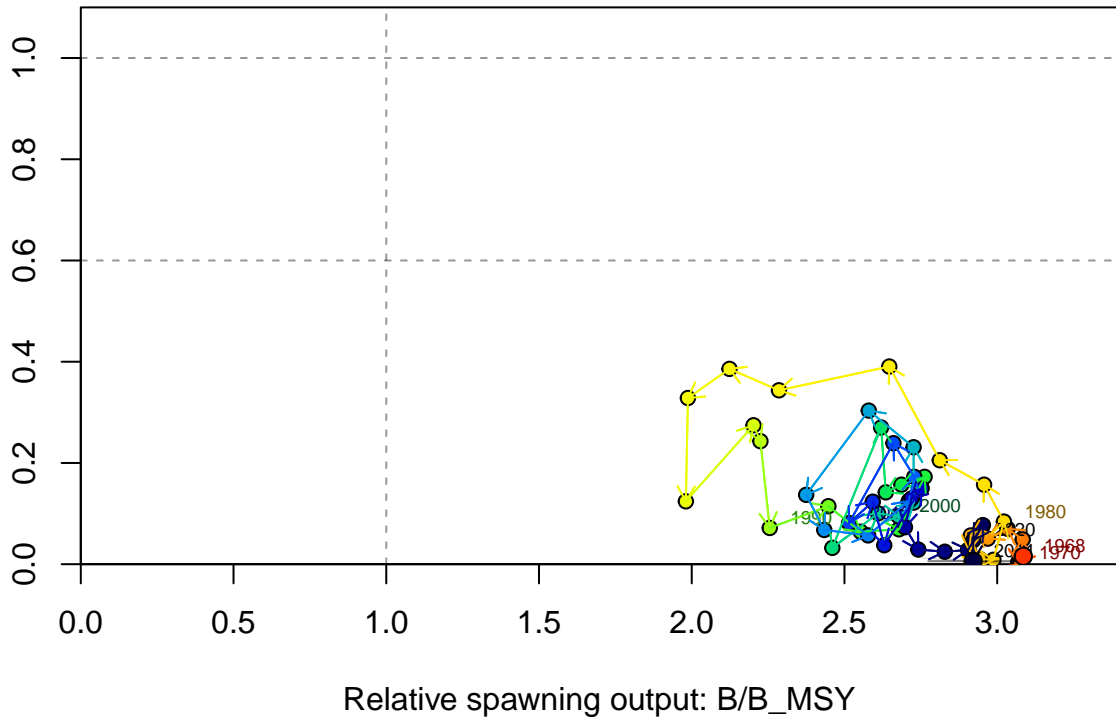
1-SPR



Fishing intensity: 1-SPR



Fishing intensity: 1-SPR

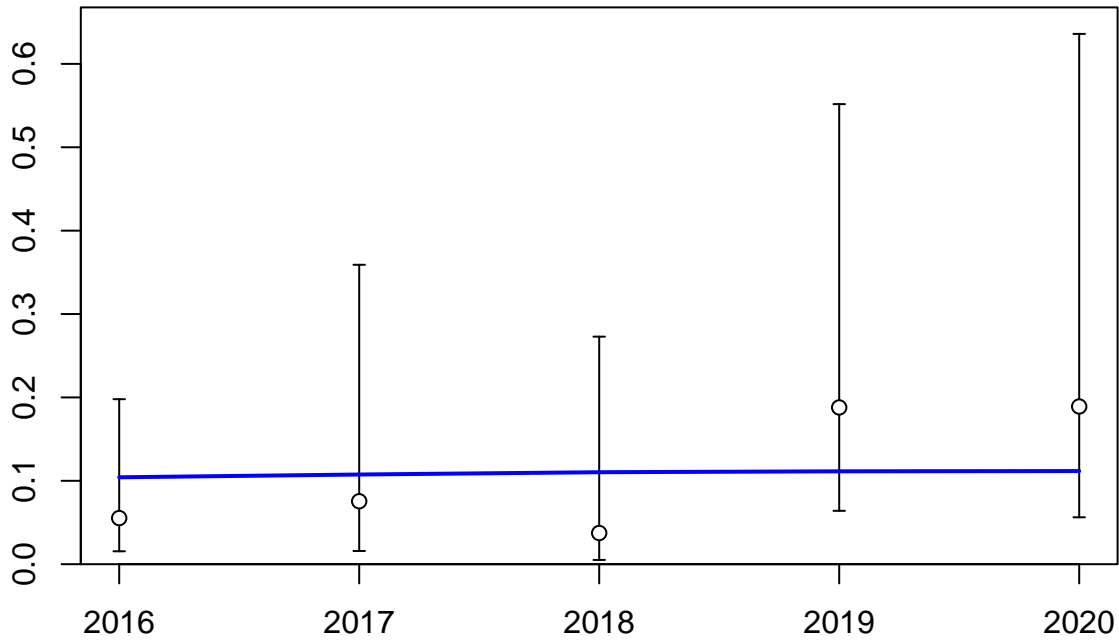


Index

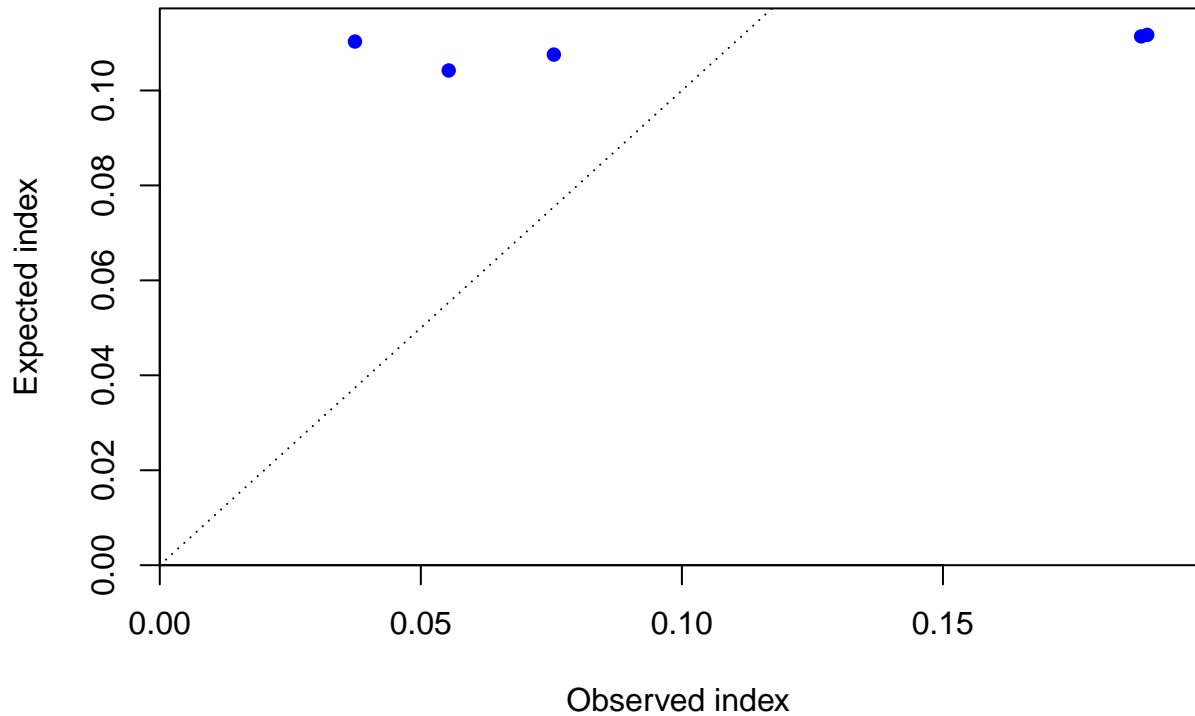


Year

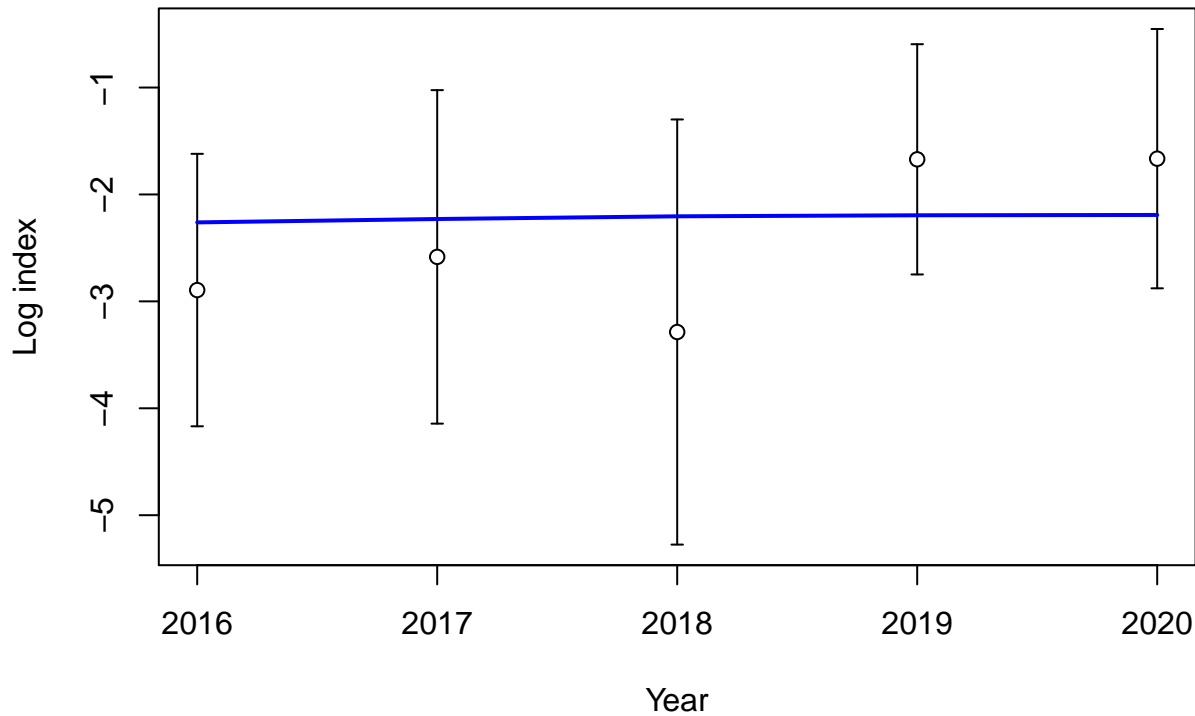
Index

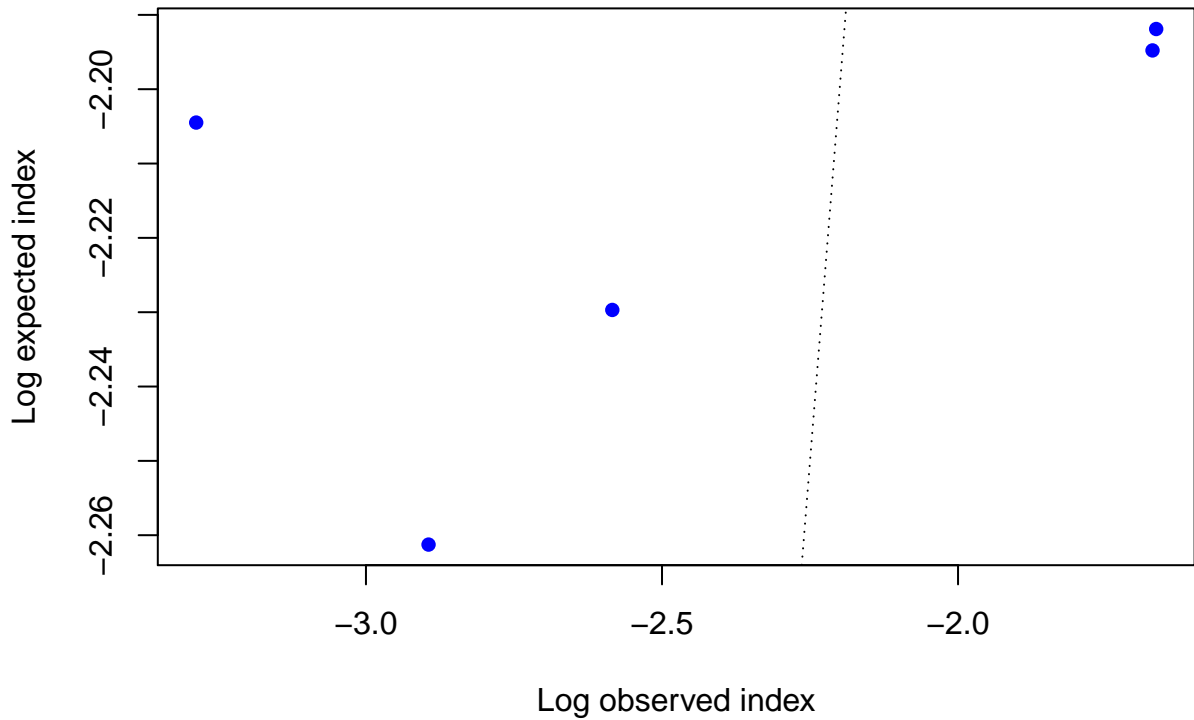


Year

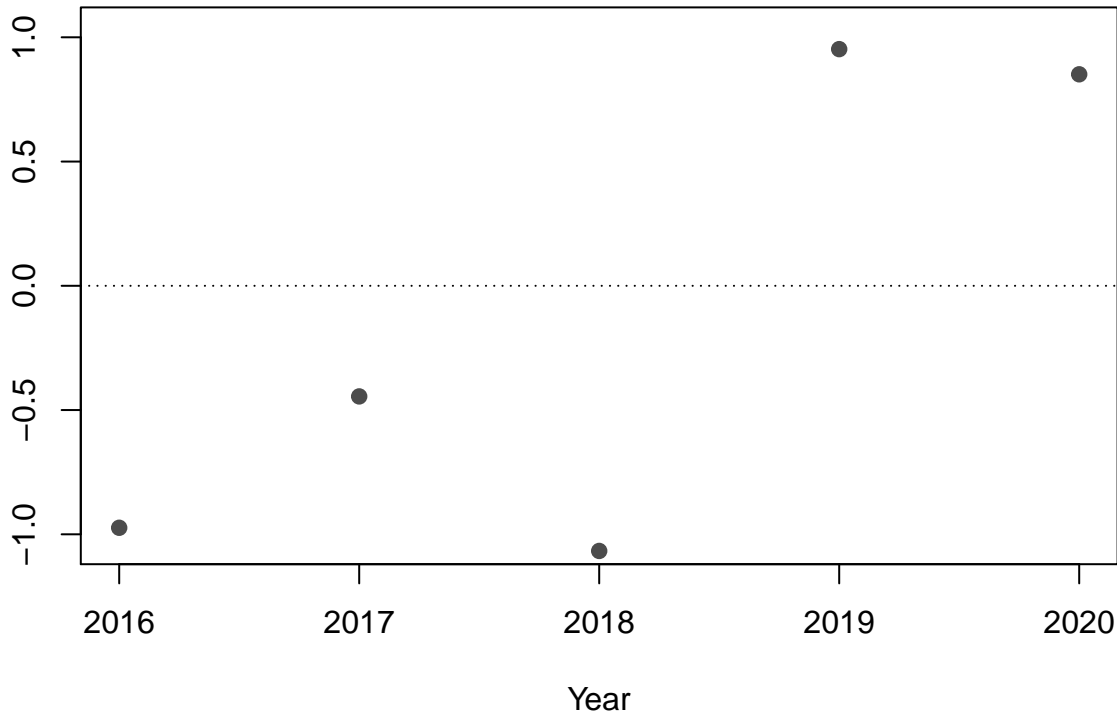




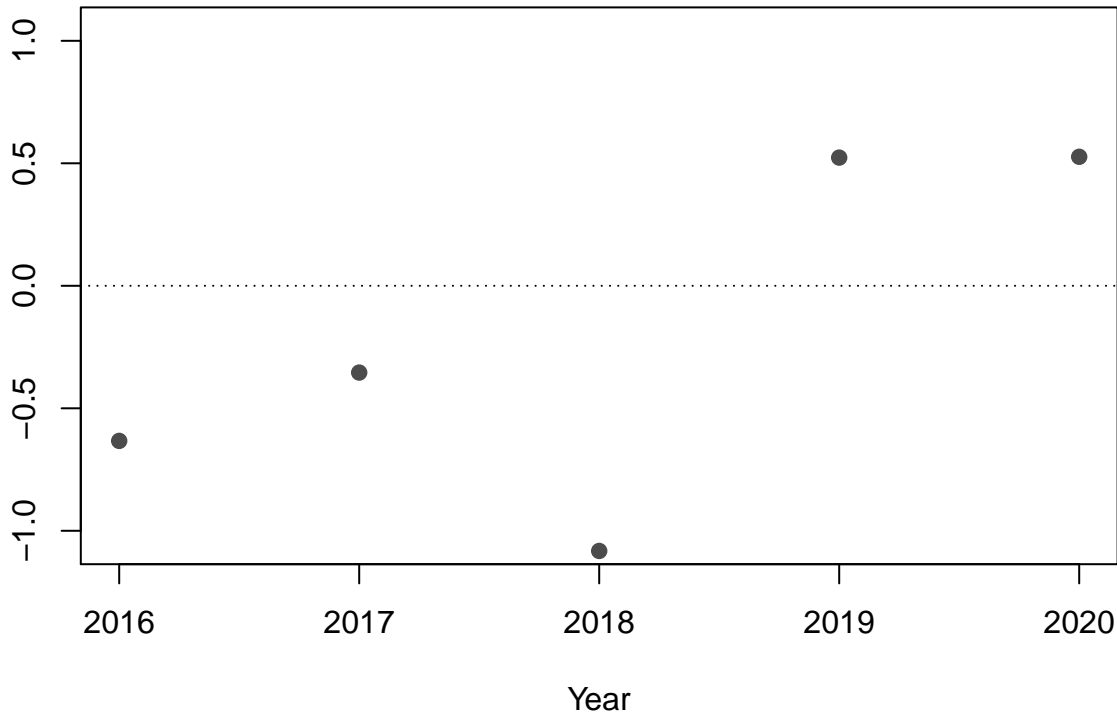




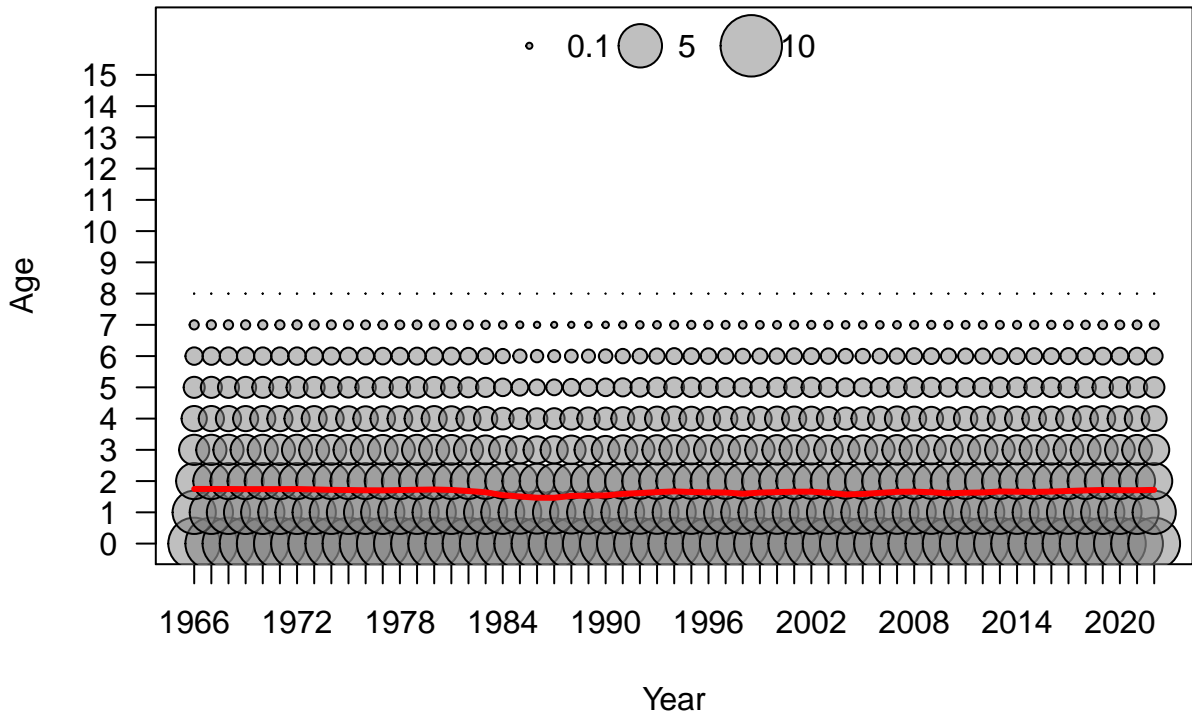
Residual

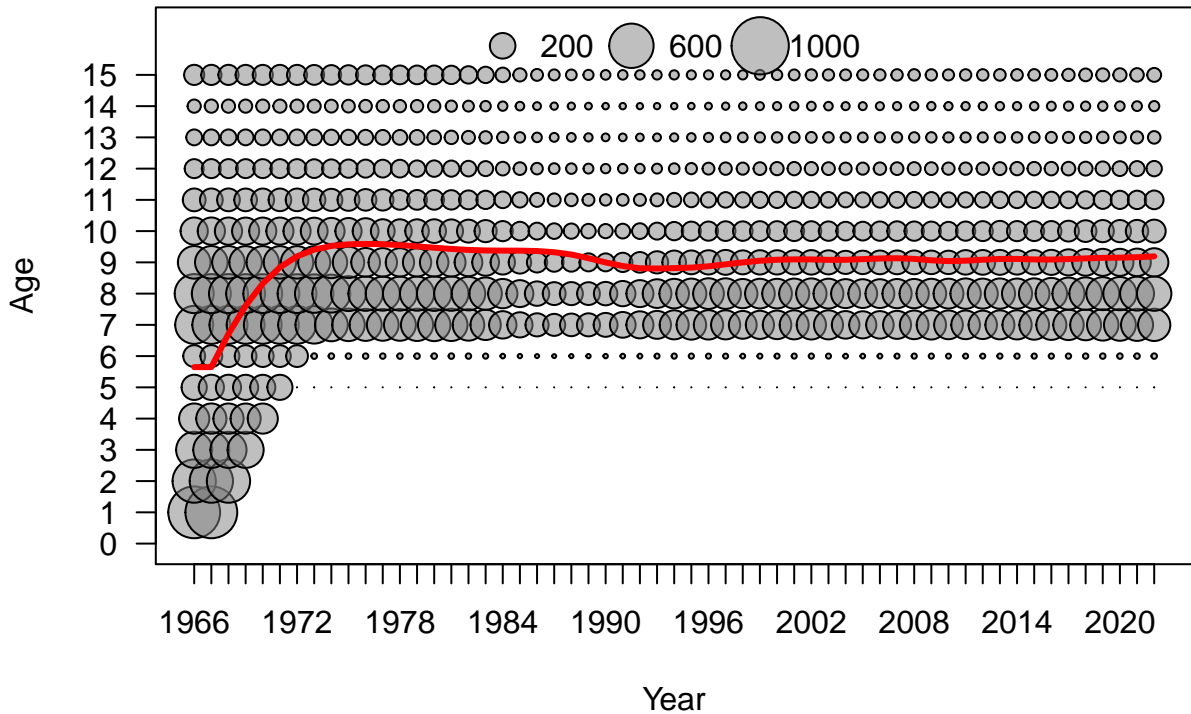


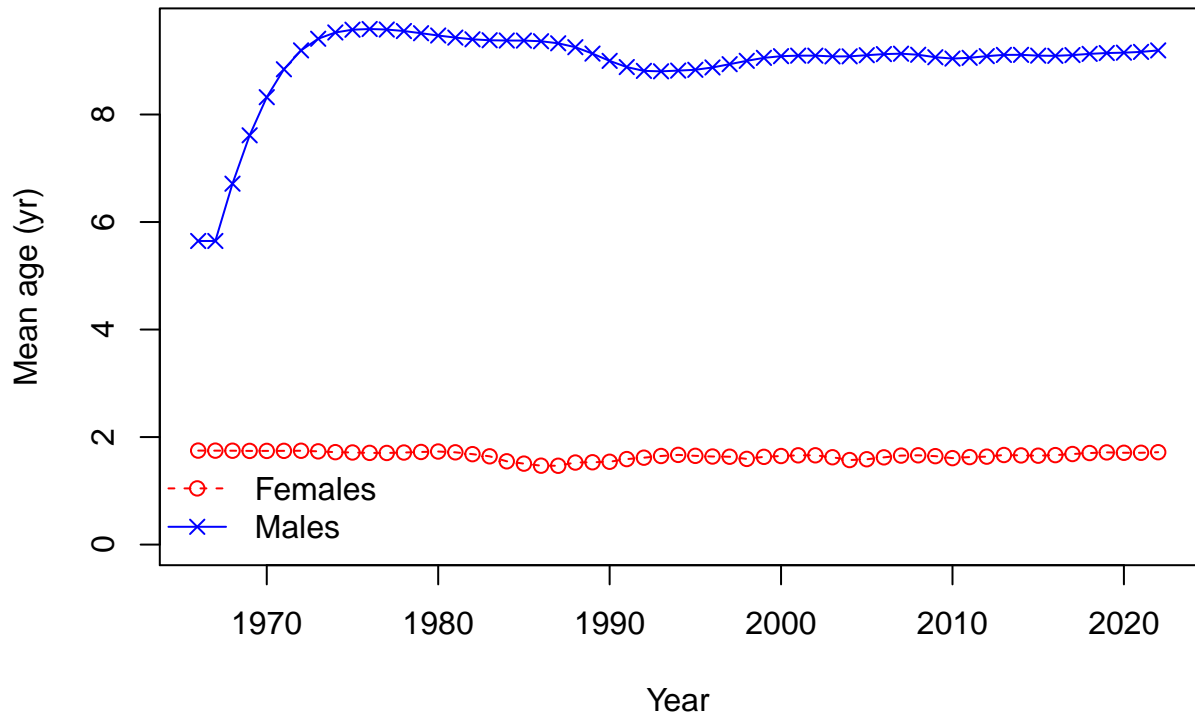
Deviation



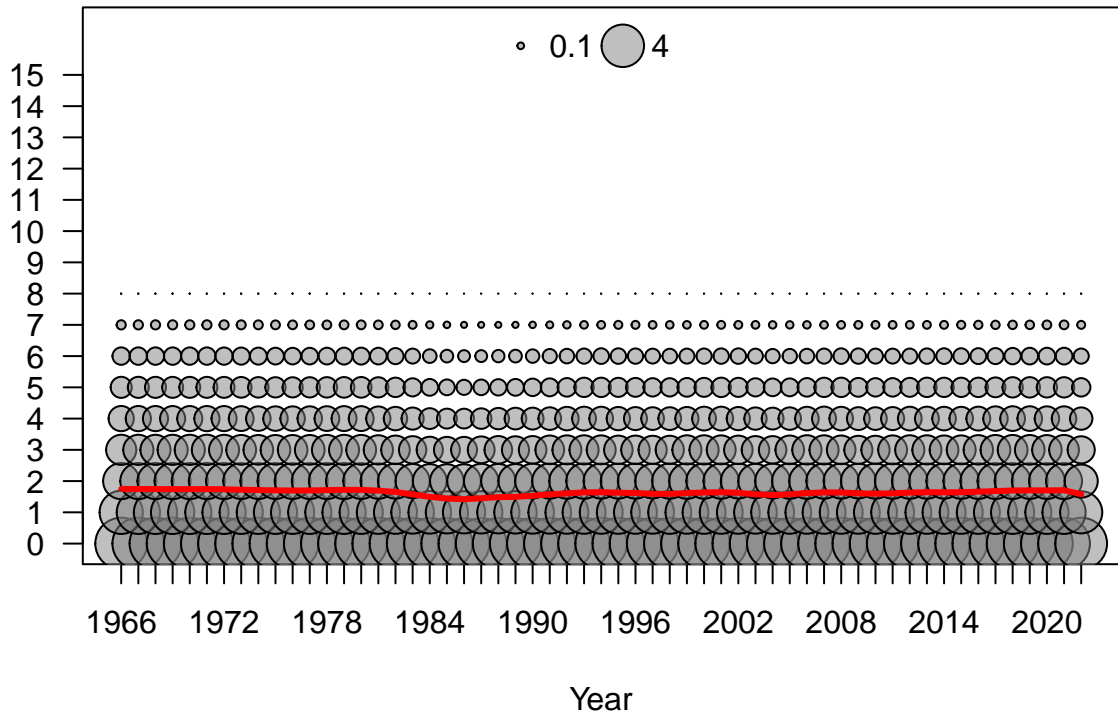


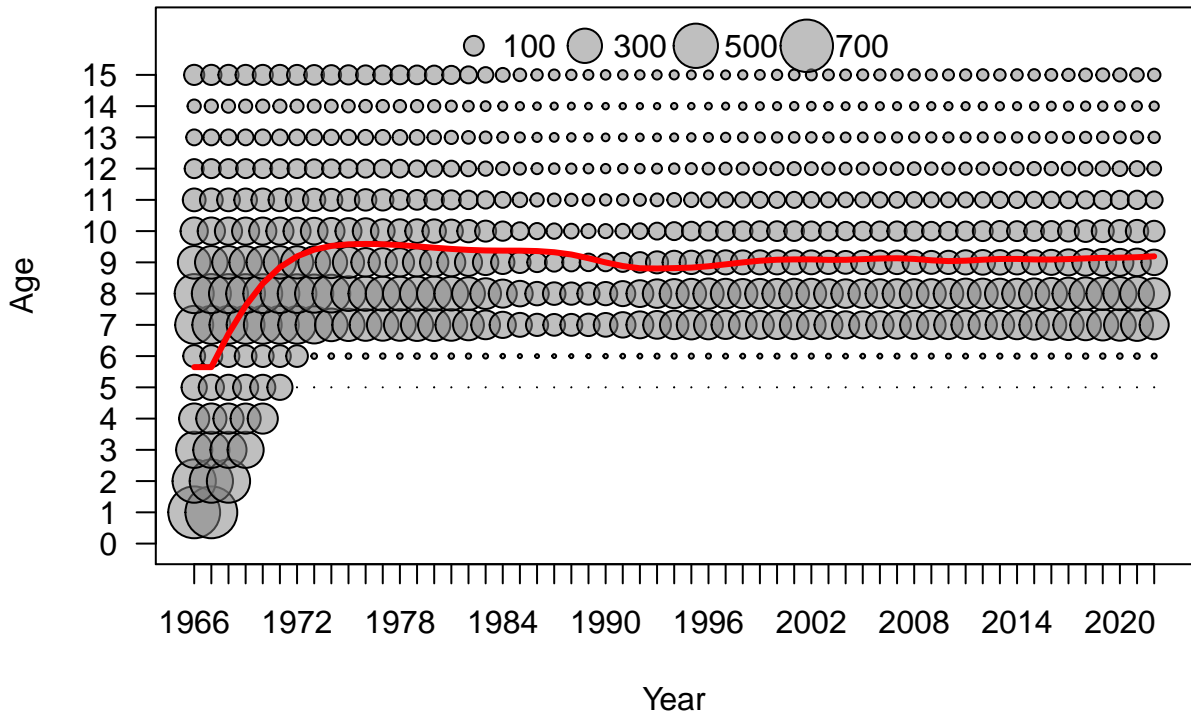


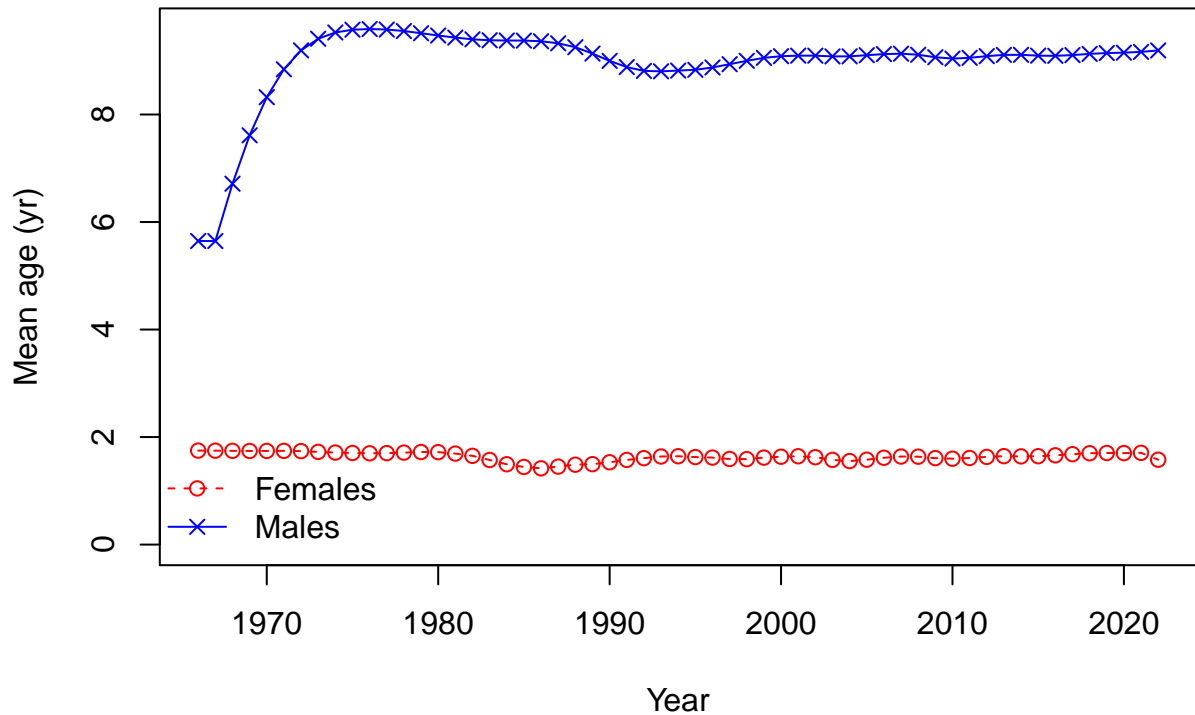




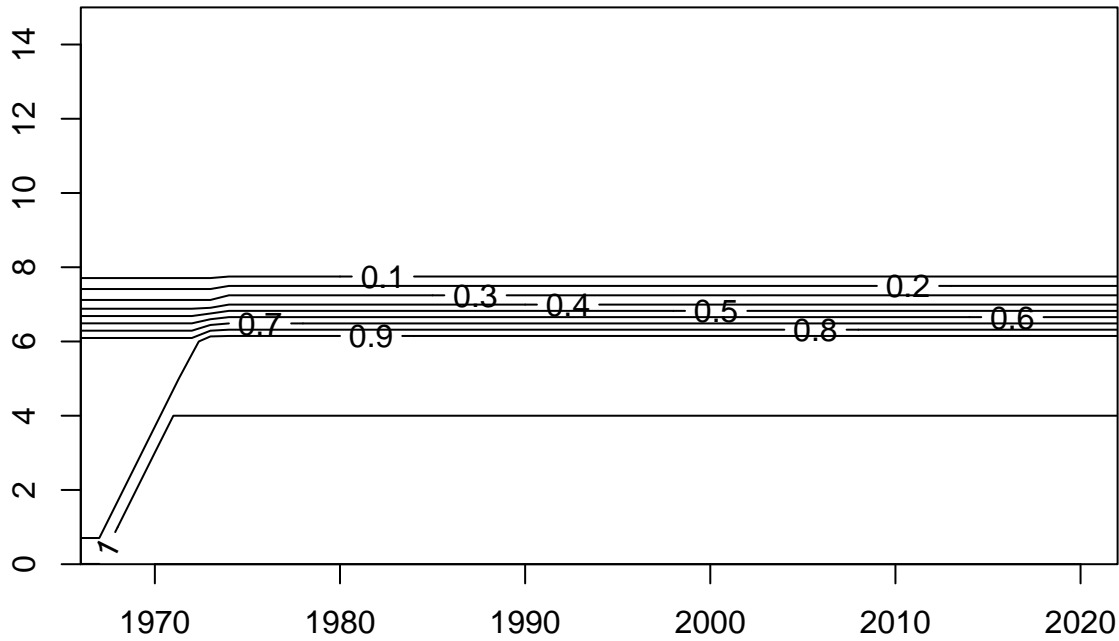
Age



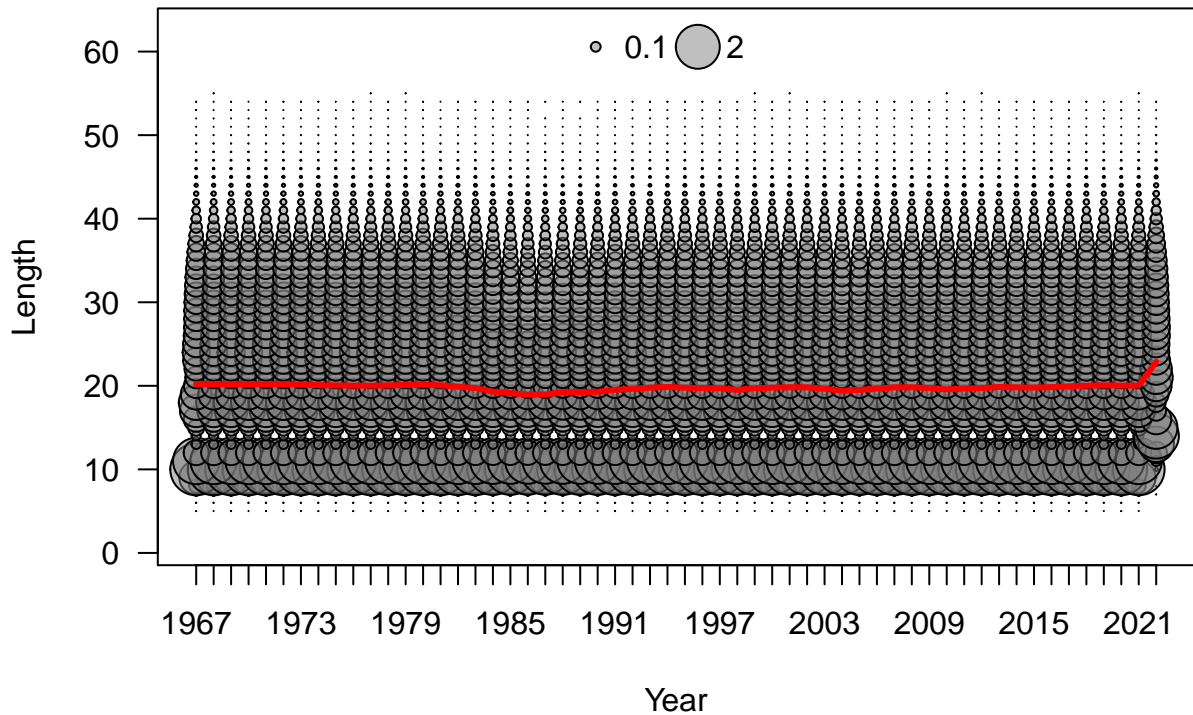


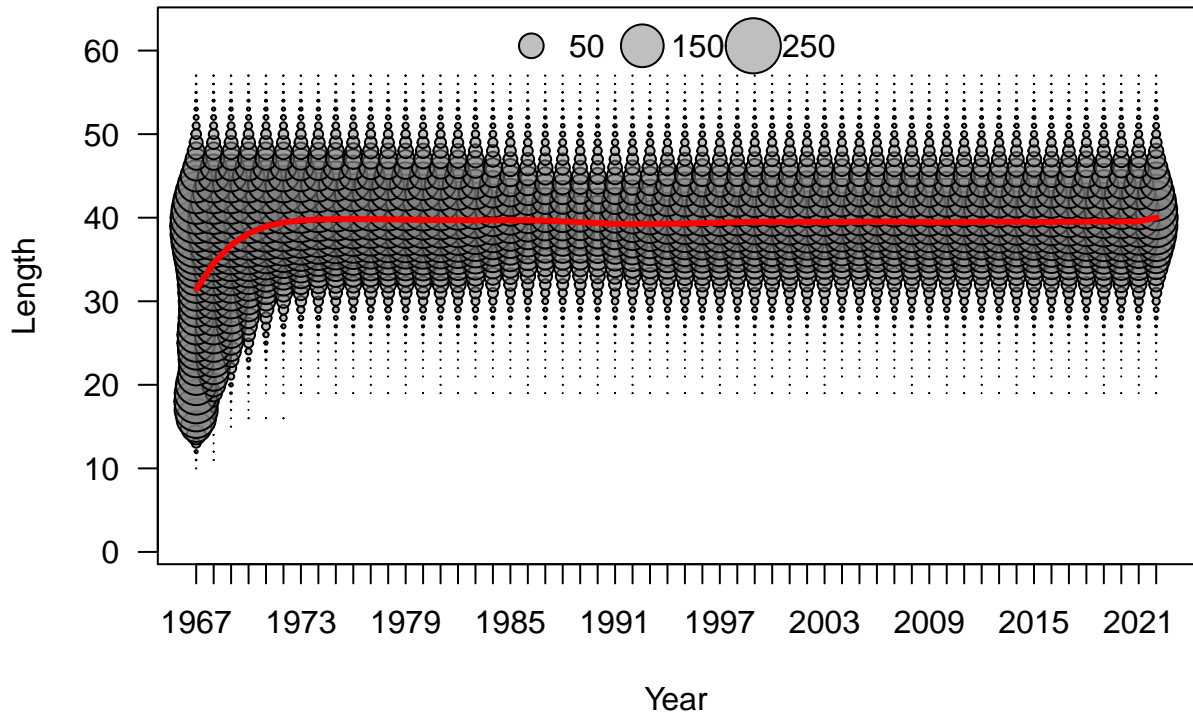


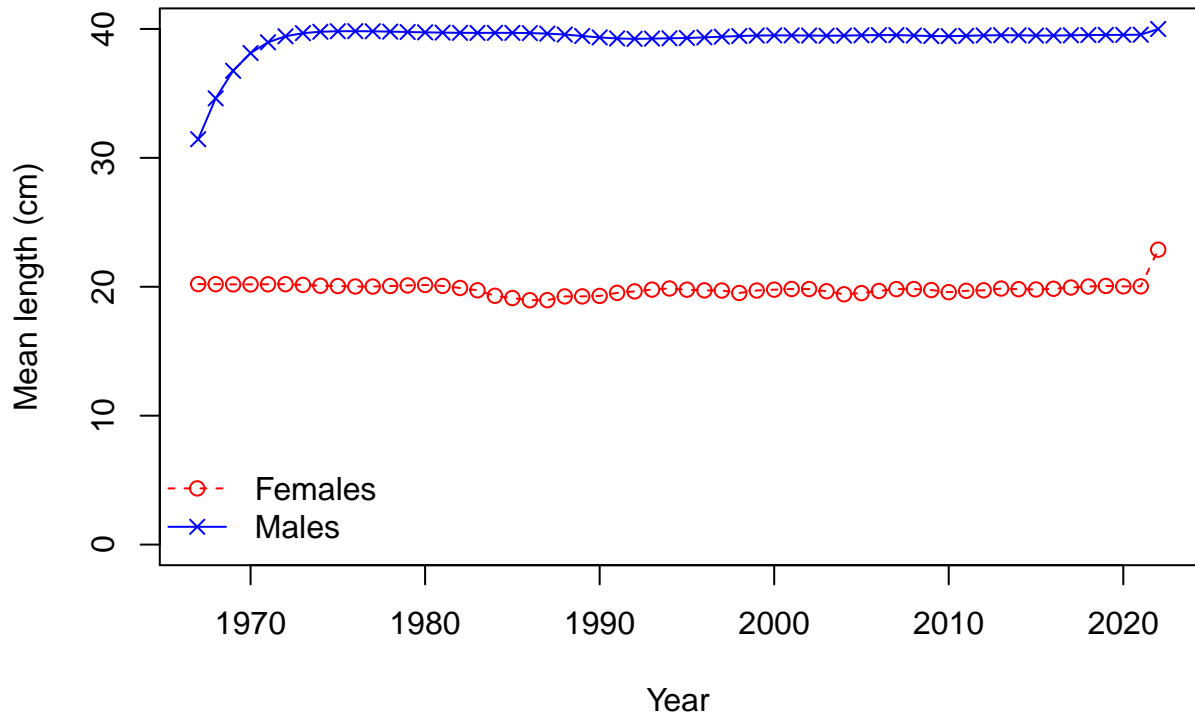
Age

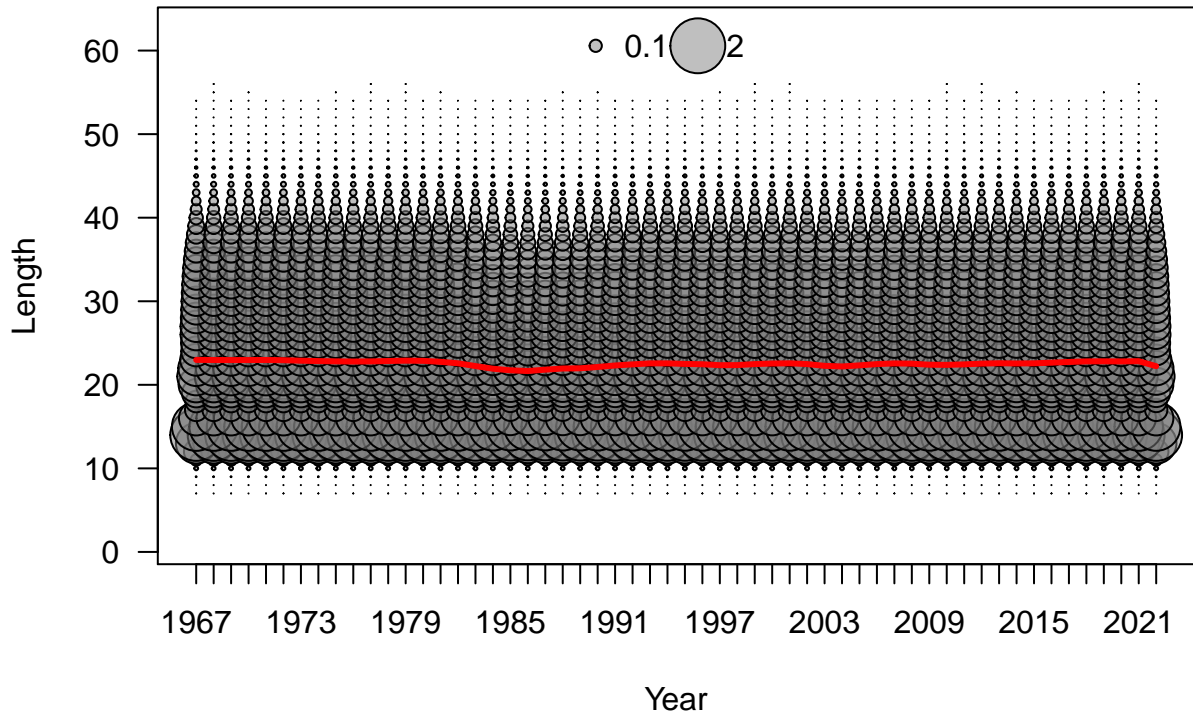


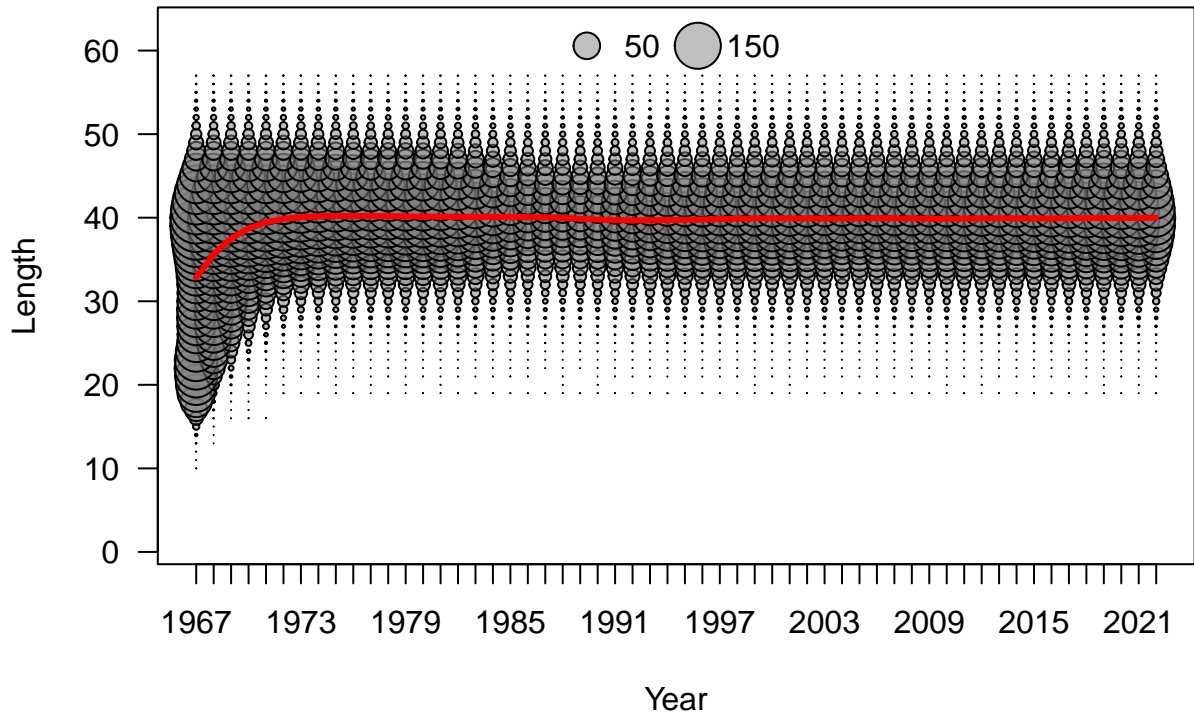
Year

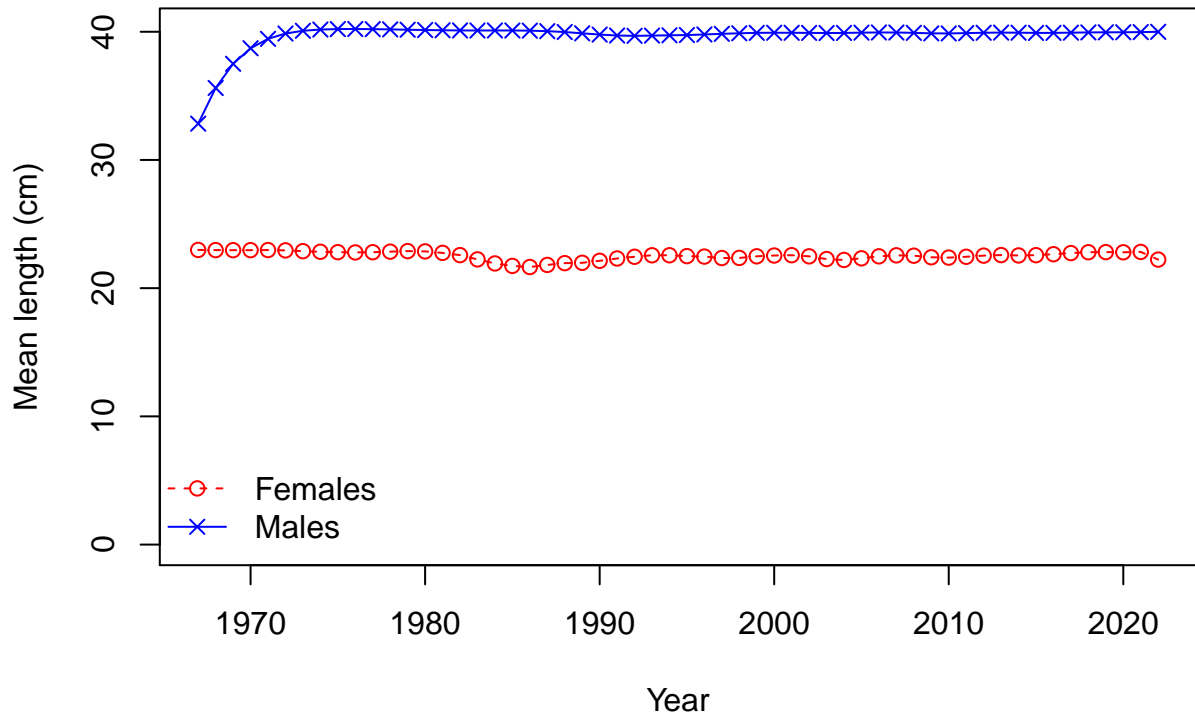












Length

50
40
30
20
10

1970

1980

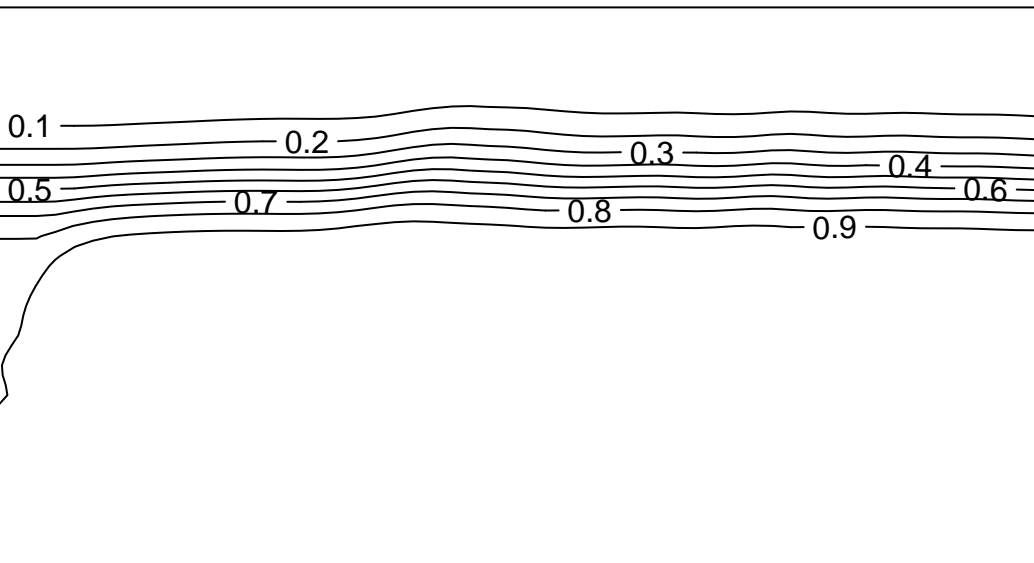
1990

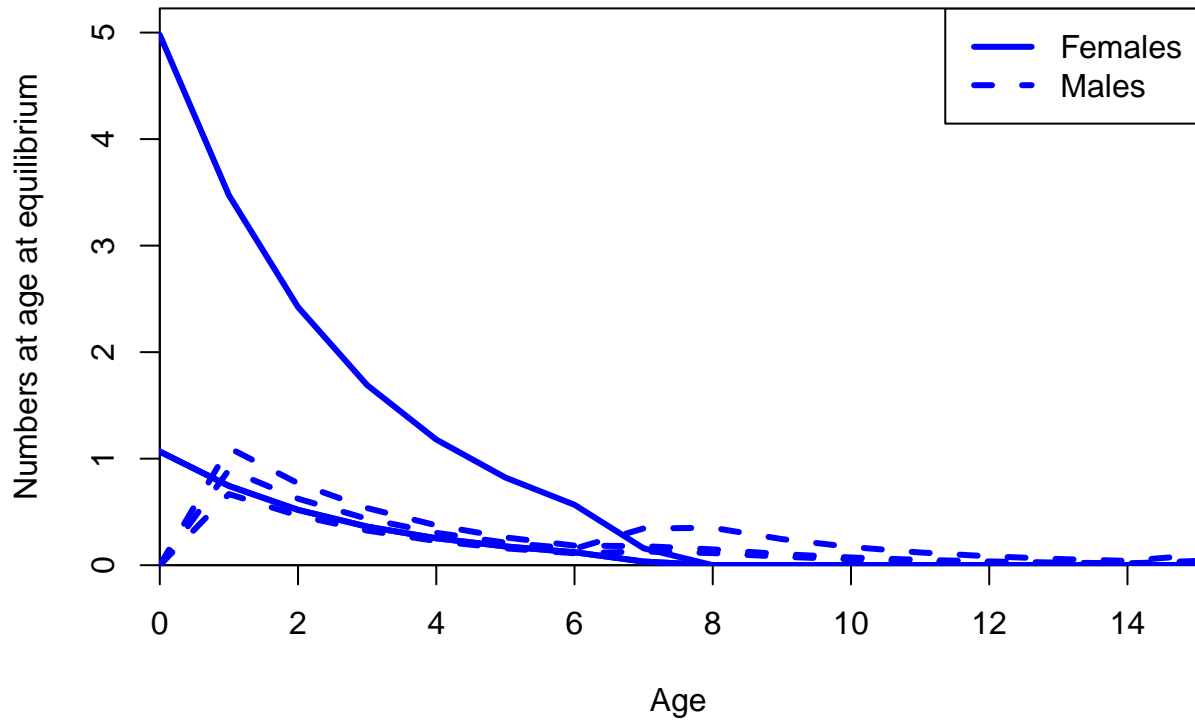
2000

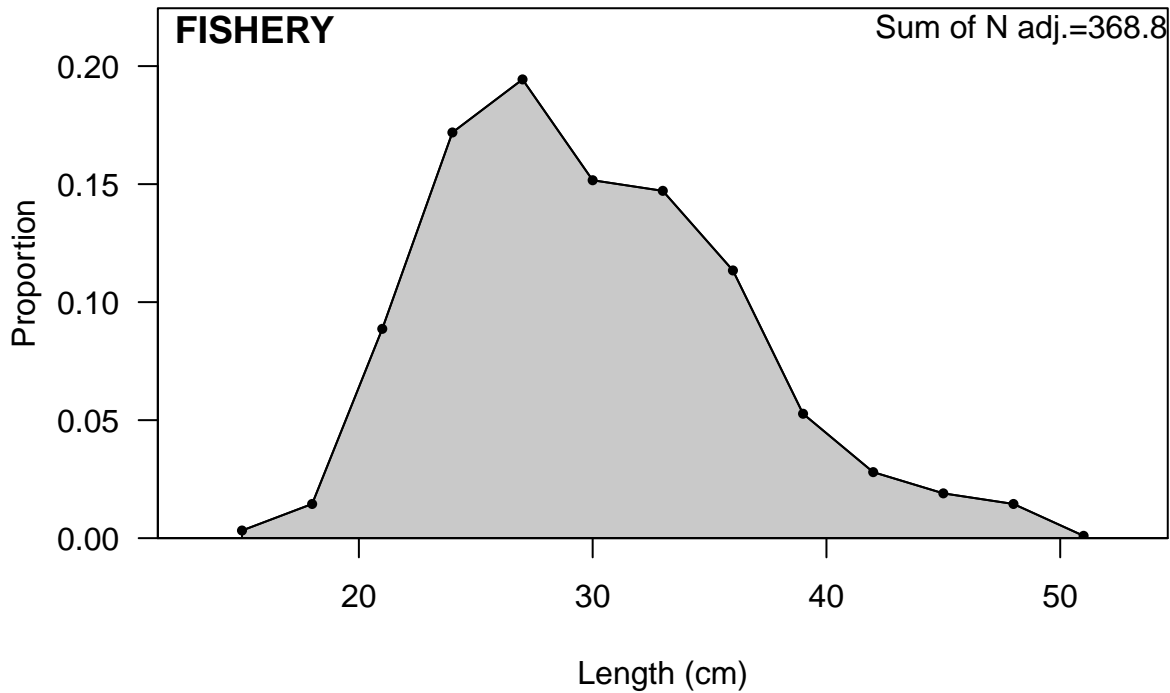
2010

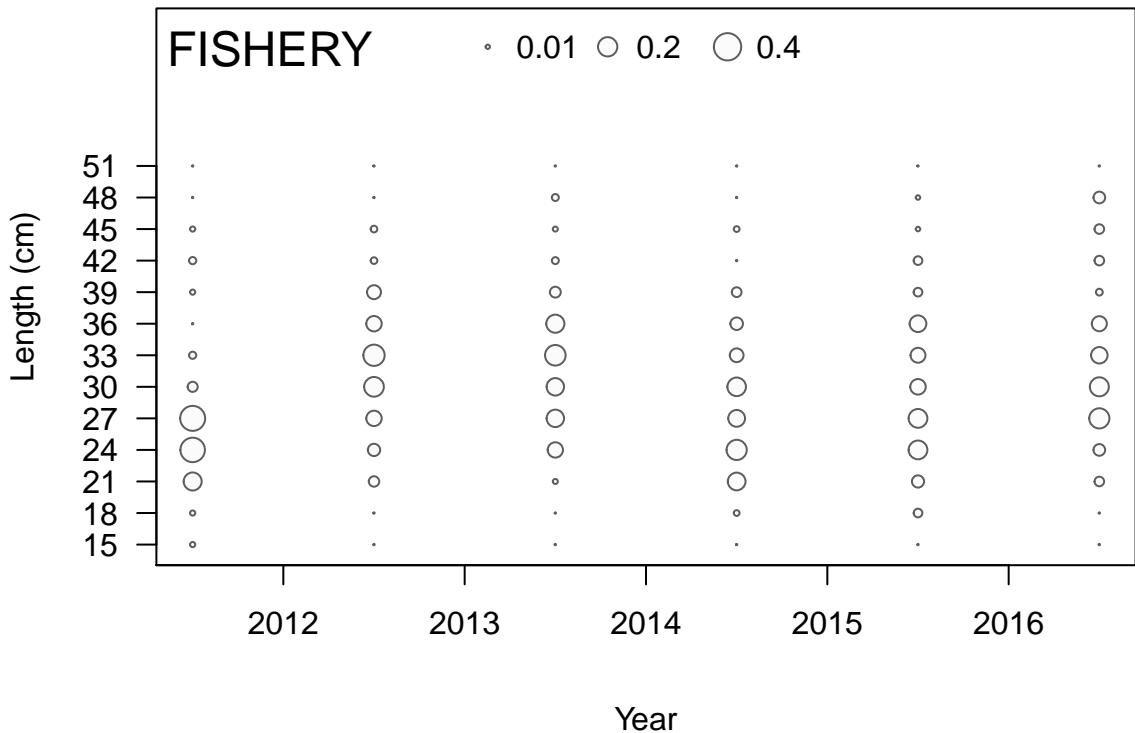
2020

Year

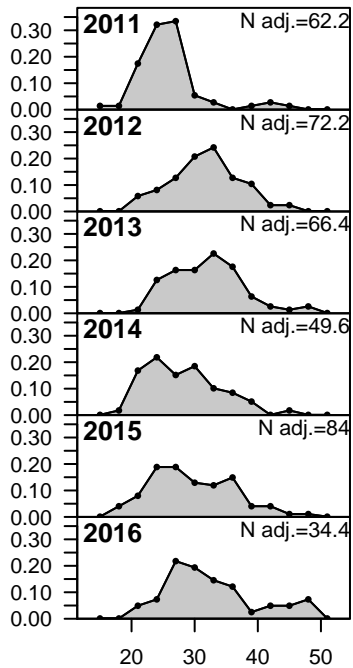








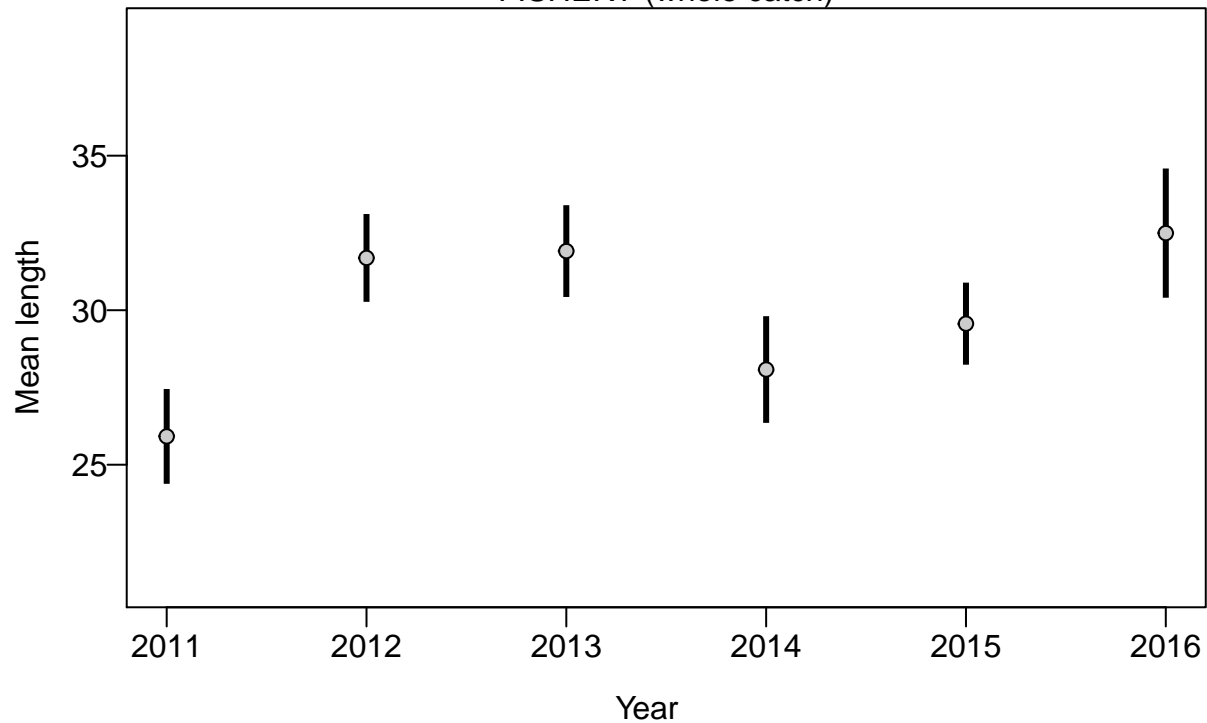
Proportion

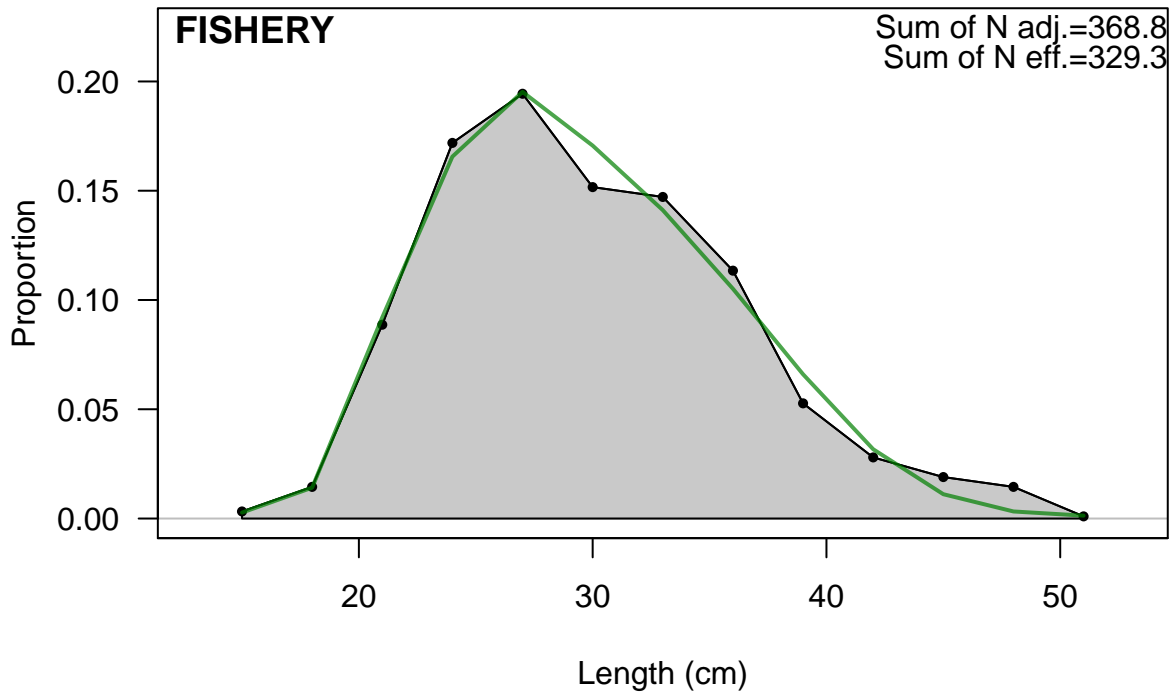


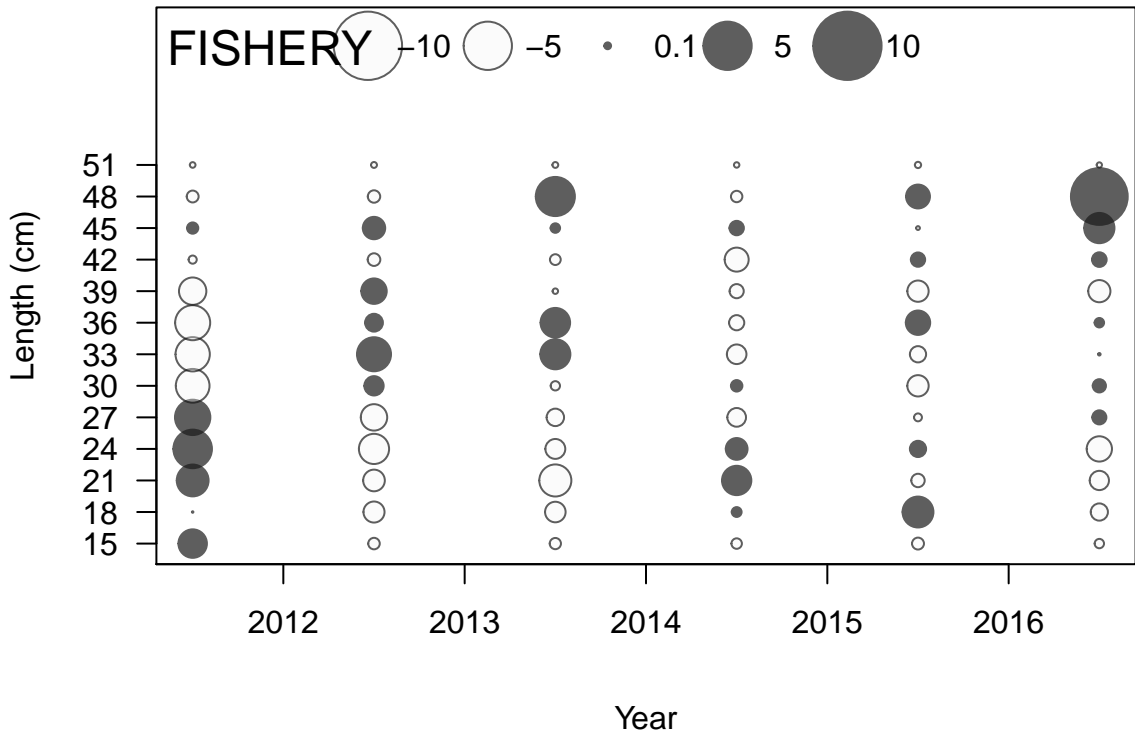
Length (cm)



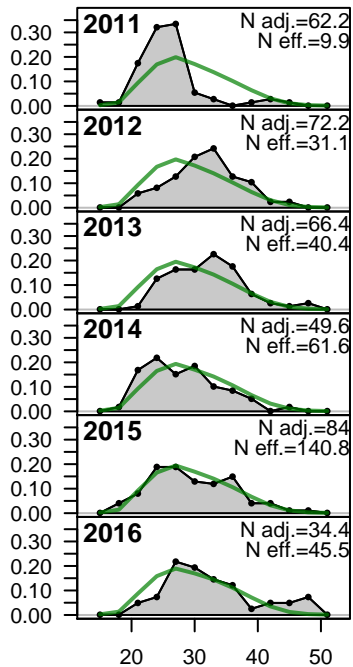
FISHERY (whole catch)



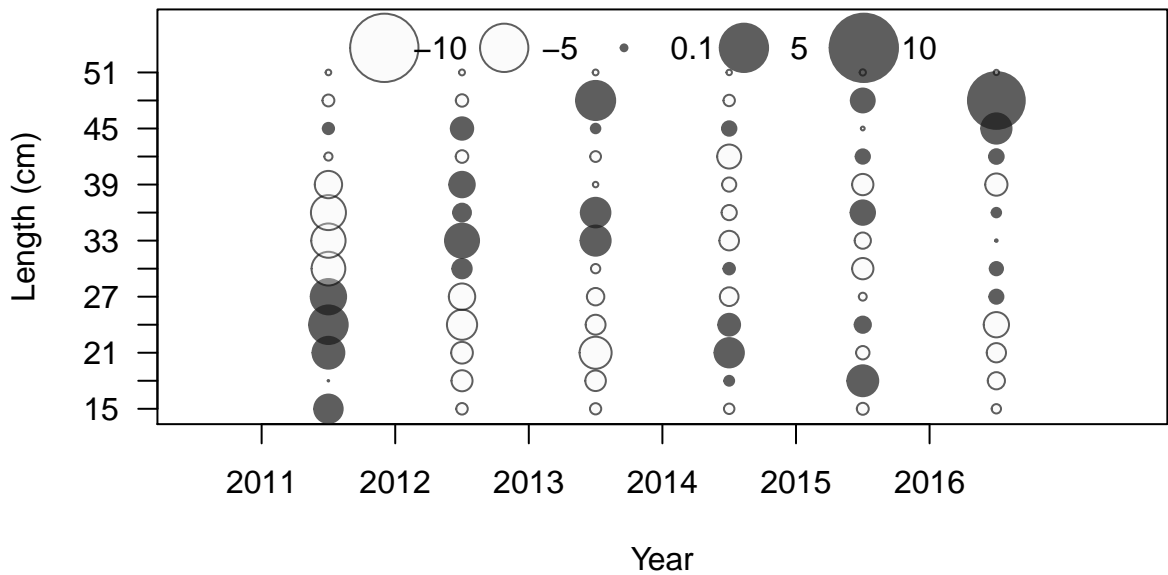




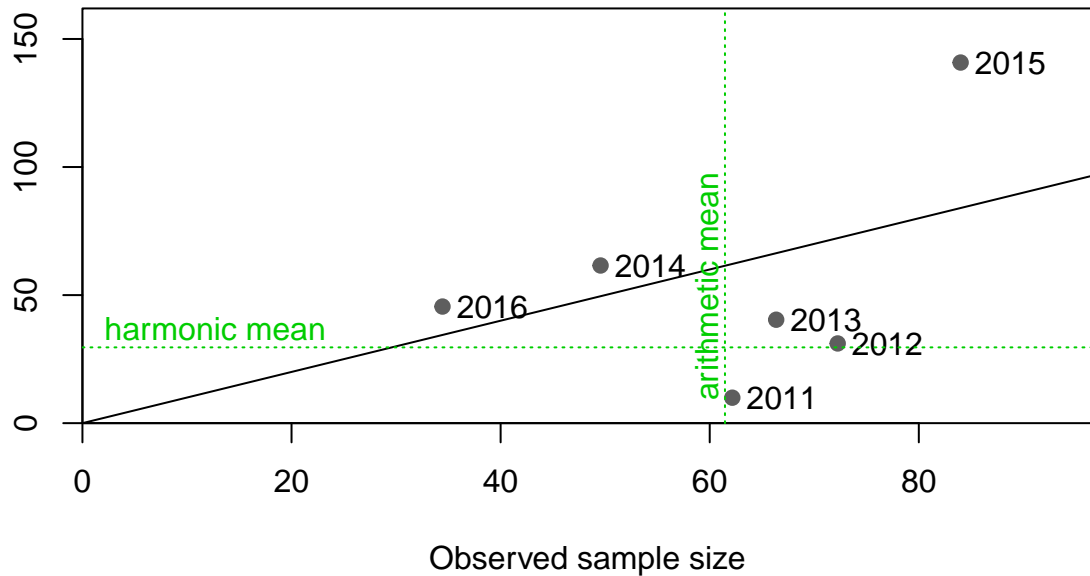
Proportion



Length (cm)



Effective sample size



FISHERY (whole catch)

