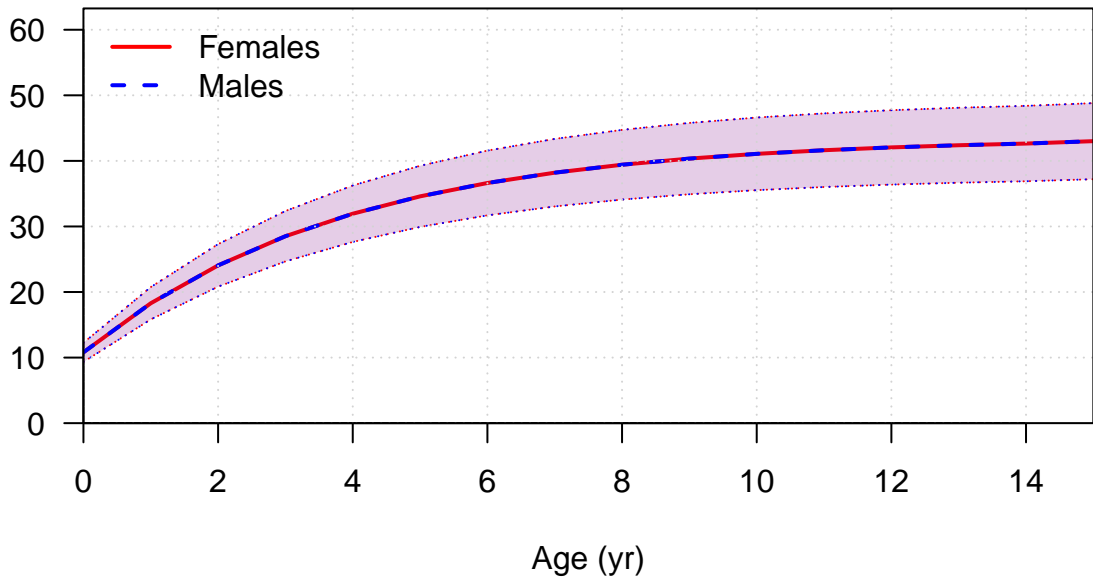
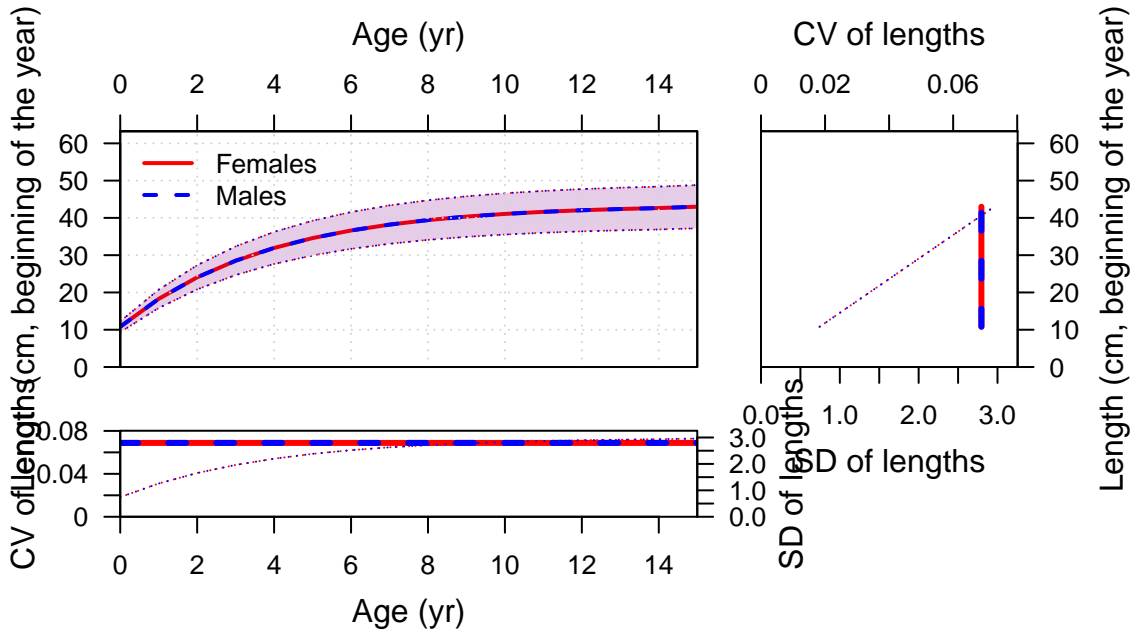


Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Wed Aug 24 16:19:31 2022
Data_File: data.ss
Control_File: control.ss

Length (cm, beginning of the year)







































Fecundity



Fecundity



Spawning output

3

2

1

0

0

10

20

30

40

50

Length (cm)





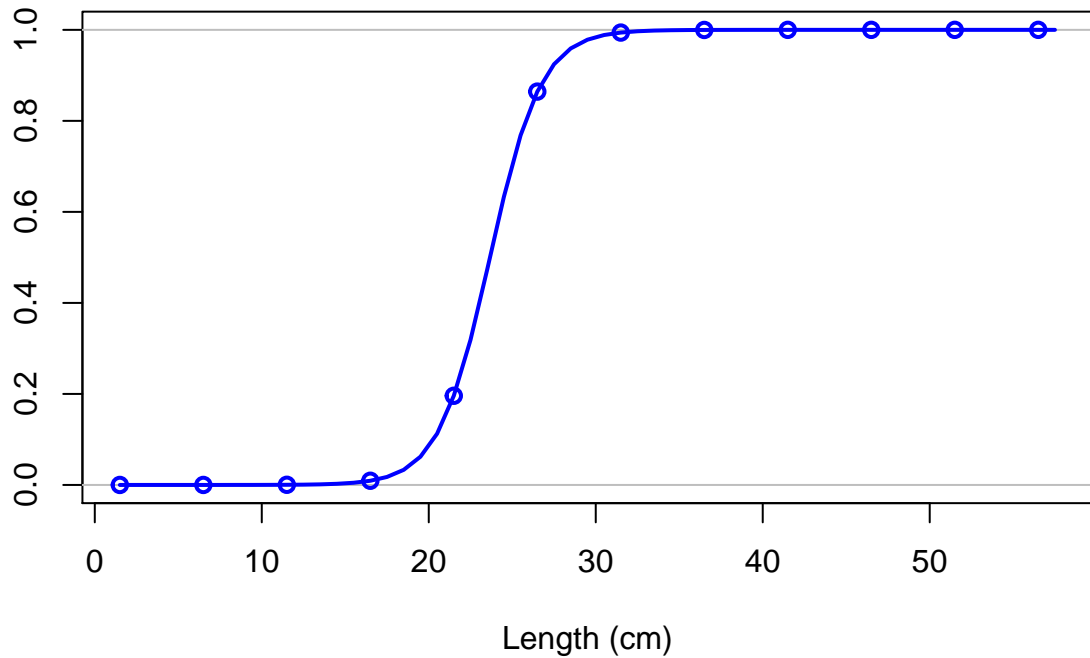
Hermaphroditism transition rate



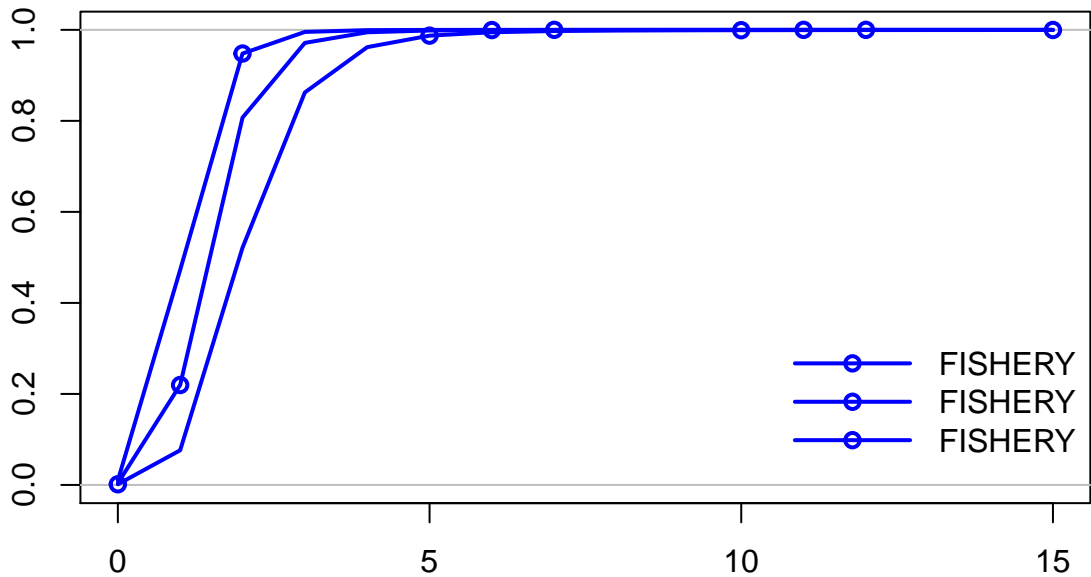
Fraction females by age at equilibrium



Selectivity

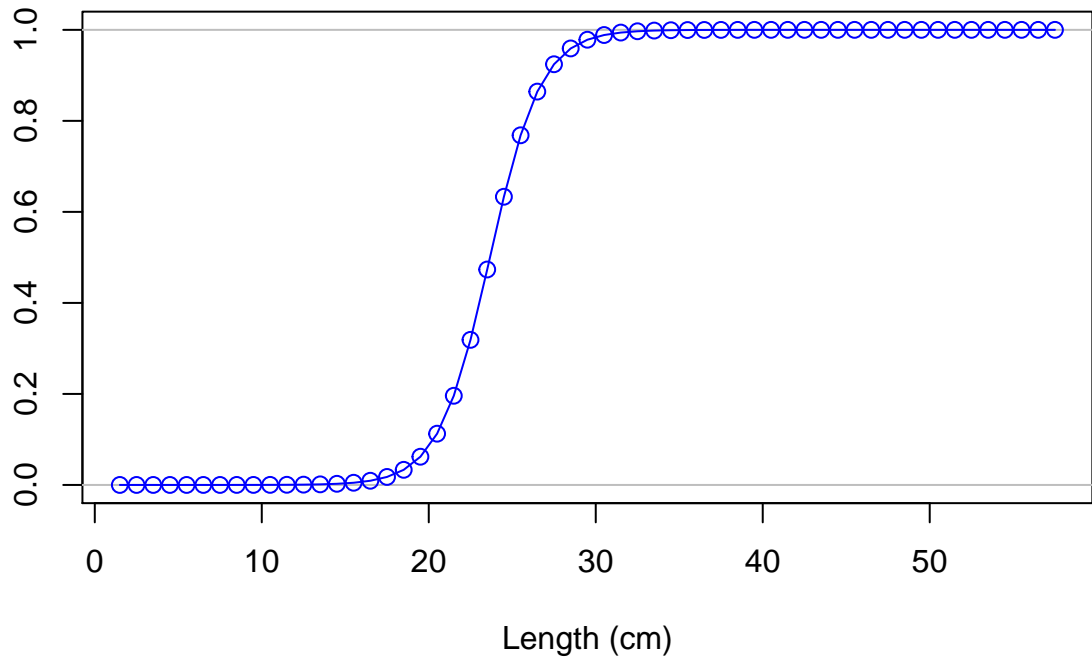


Selectivity

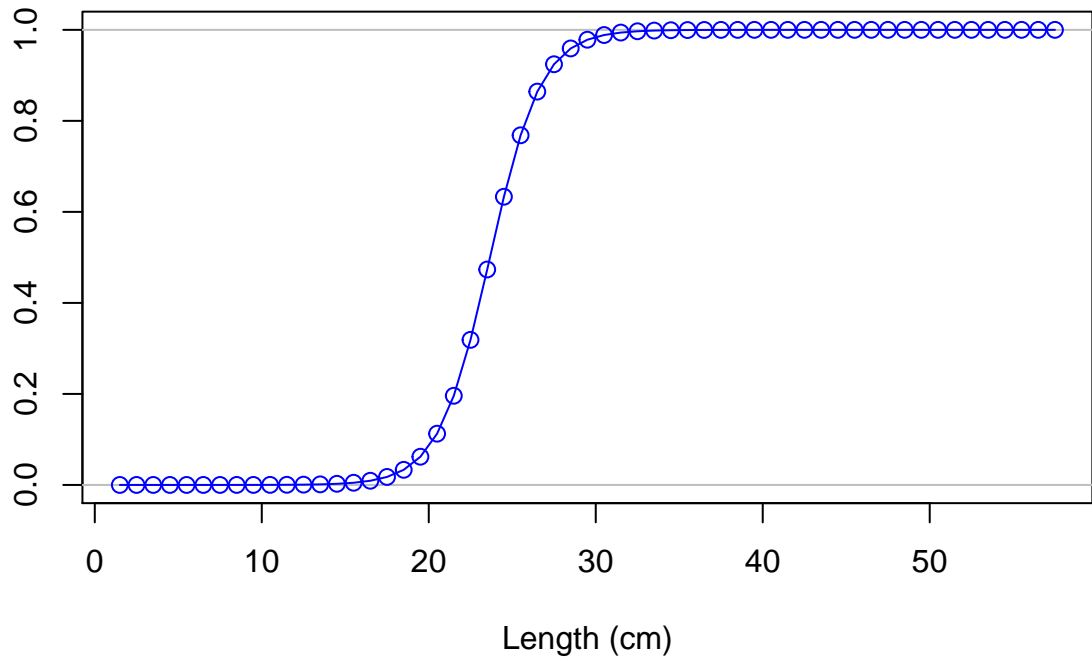


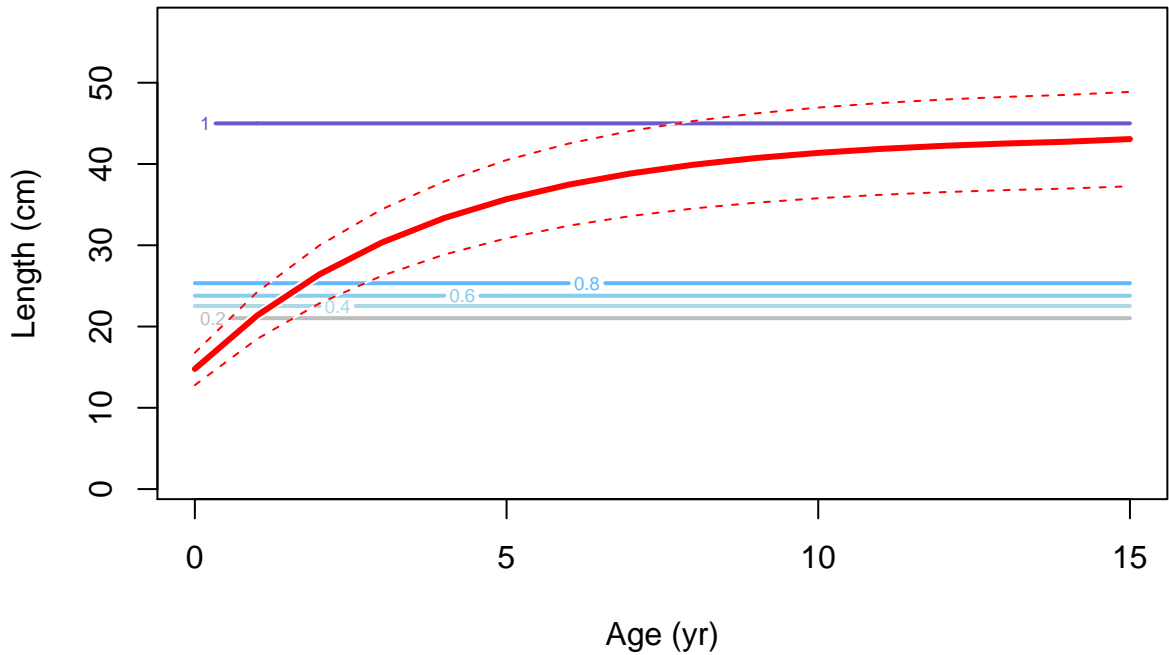
Age (yr)

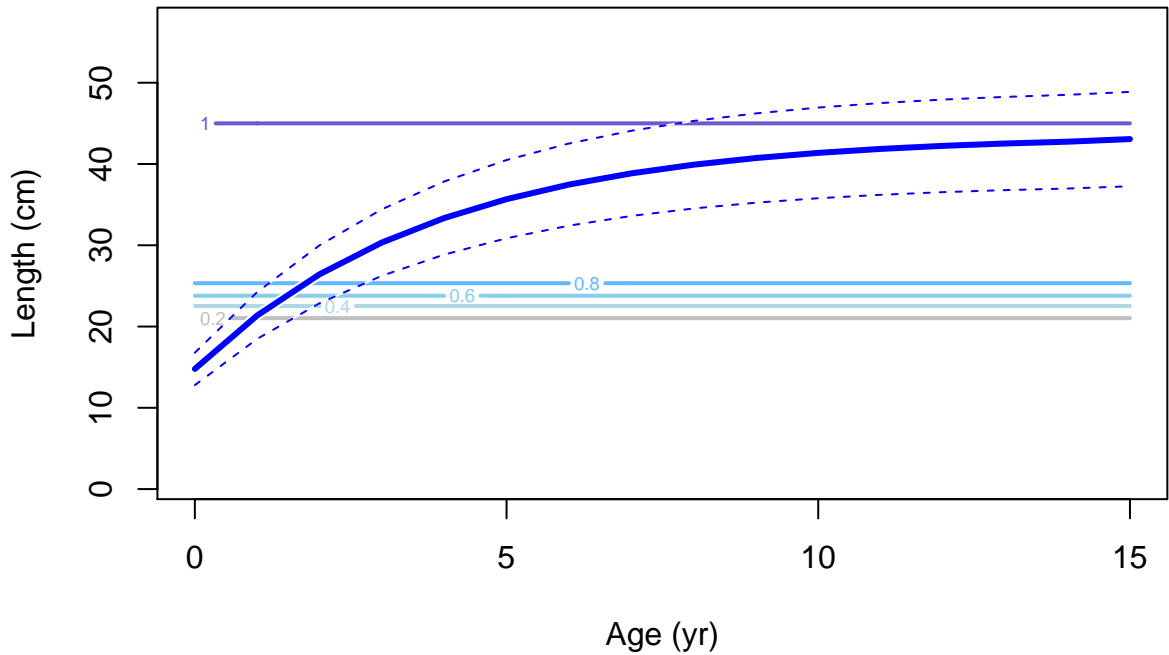
Selectivity



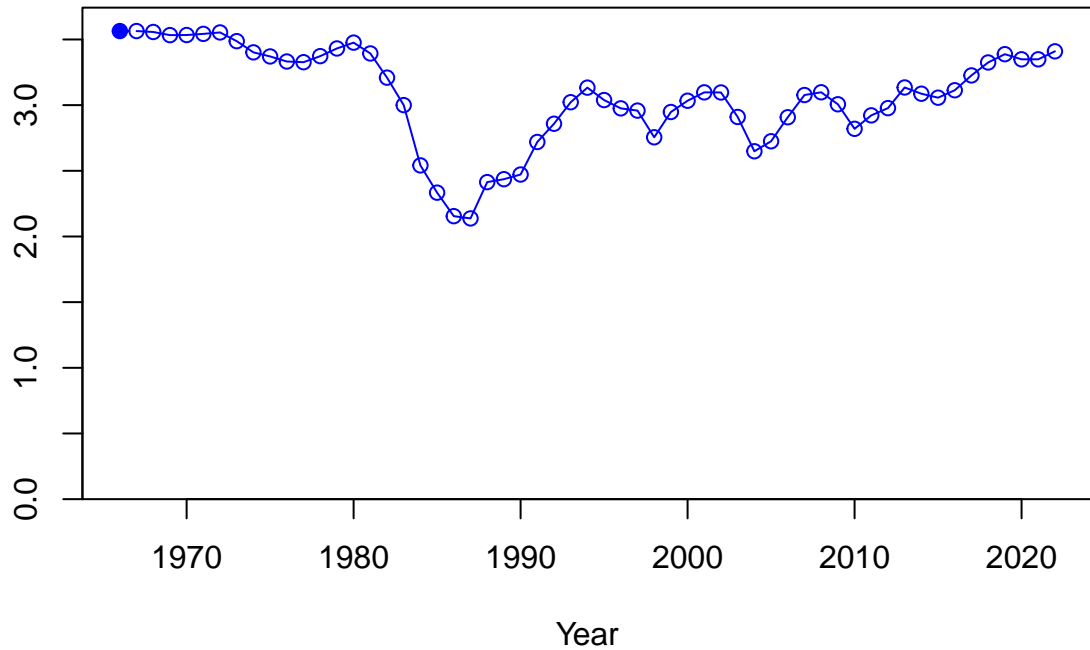
Selectivity



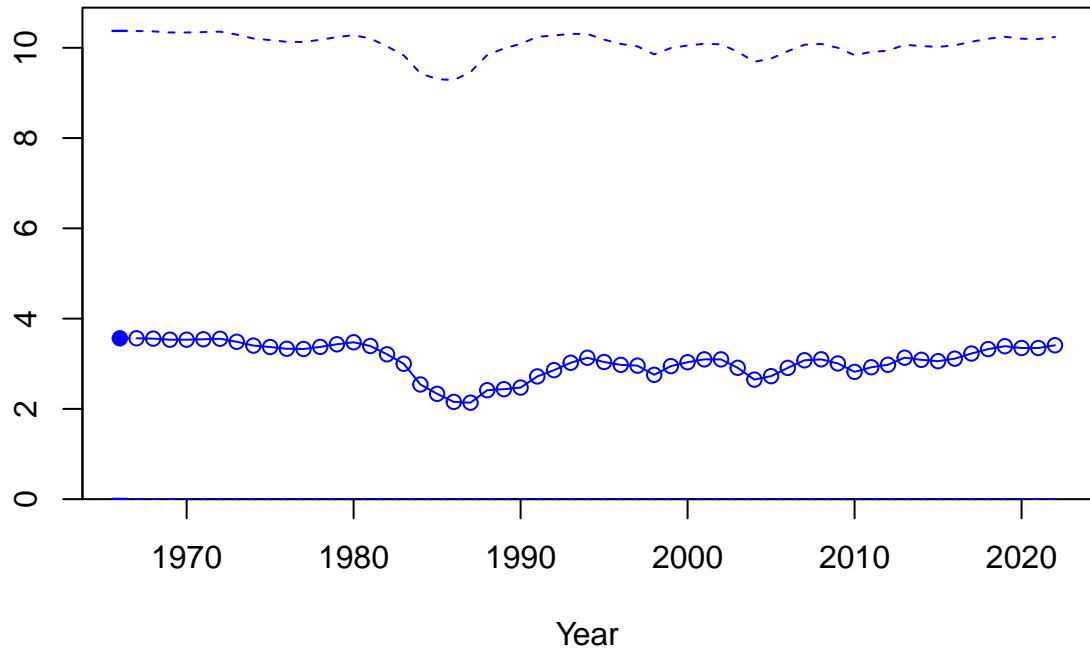




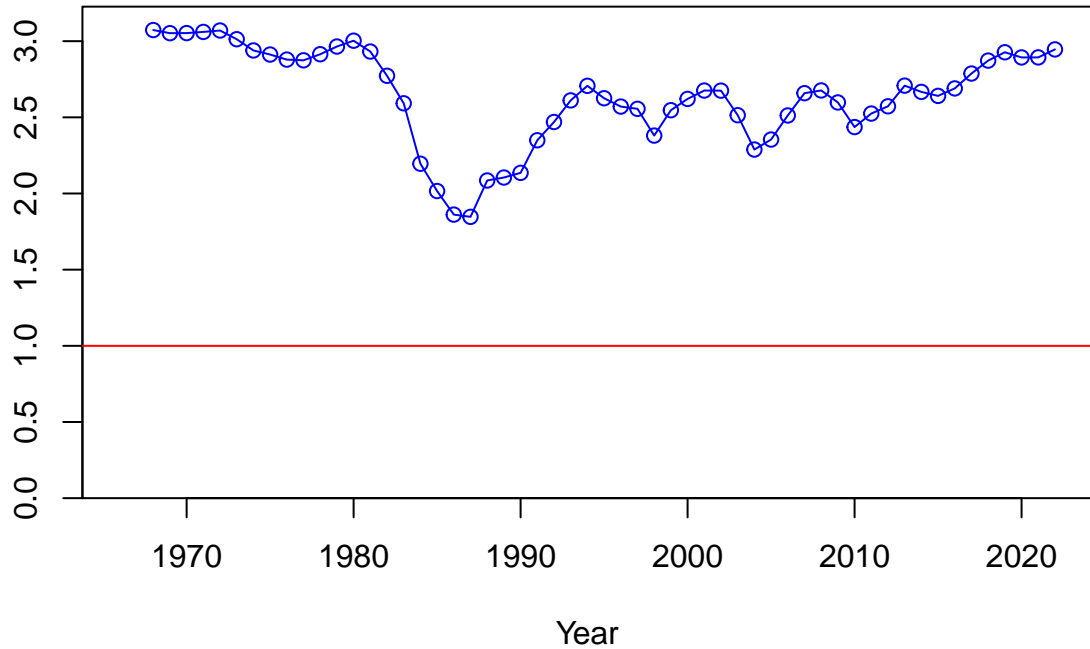
Spawning biomass (mt)



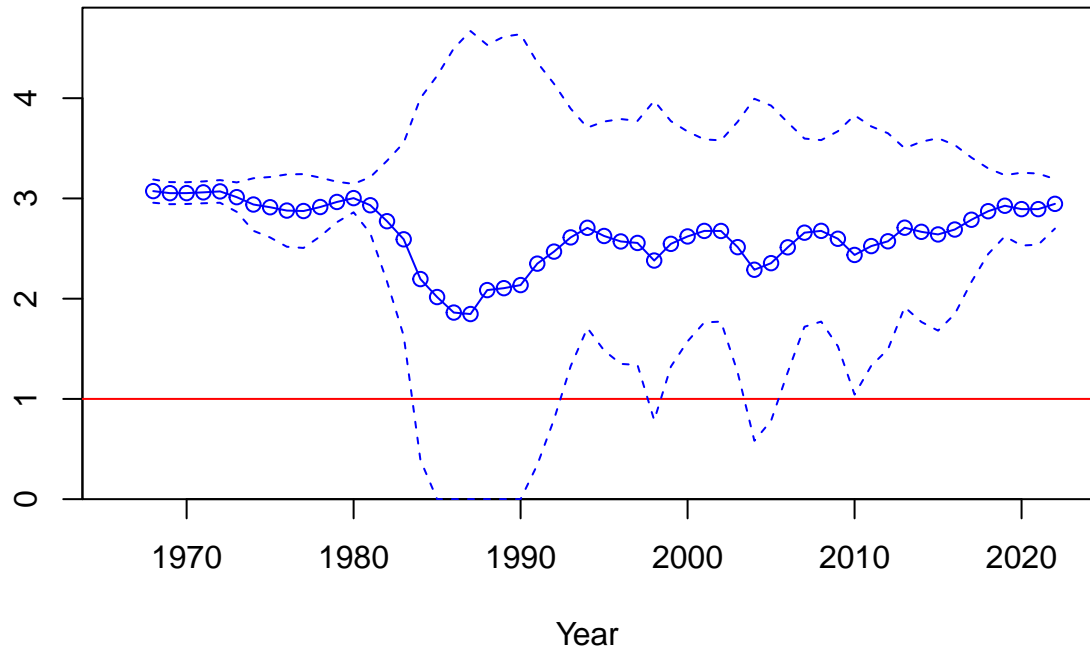
Spawning biomass (mt)

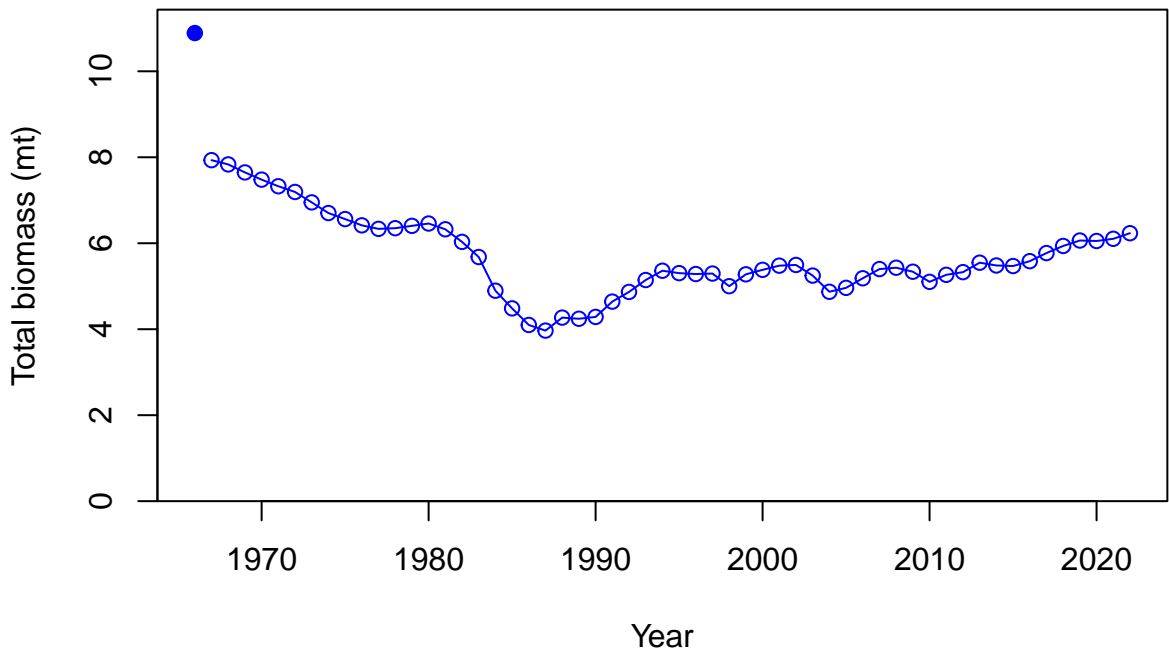


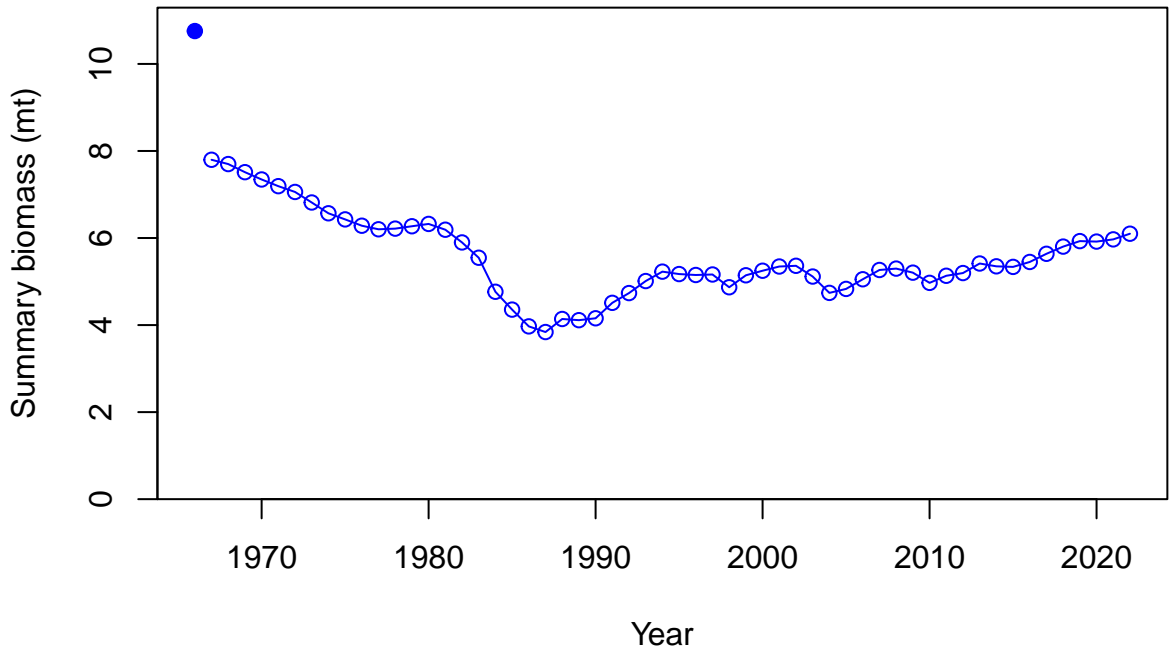
Relative spawning biomass: B/B_{MSY}



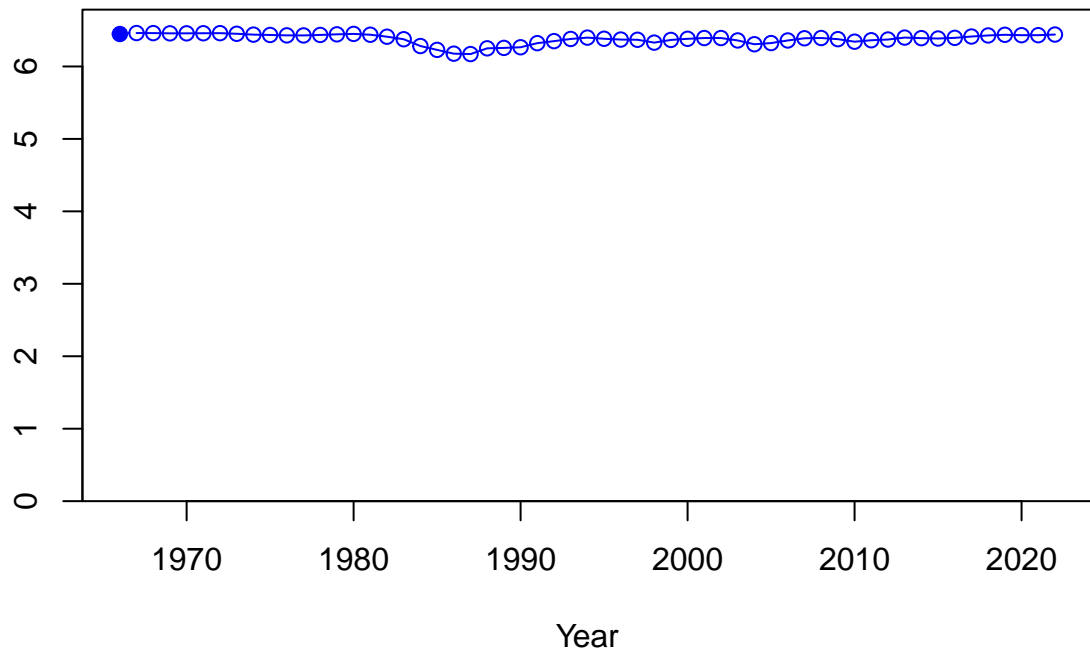
Relative spawning biomass: B/B_{MSY}

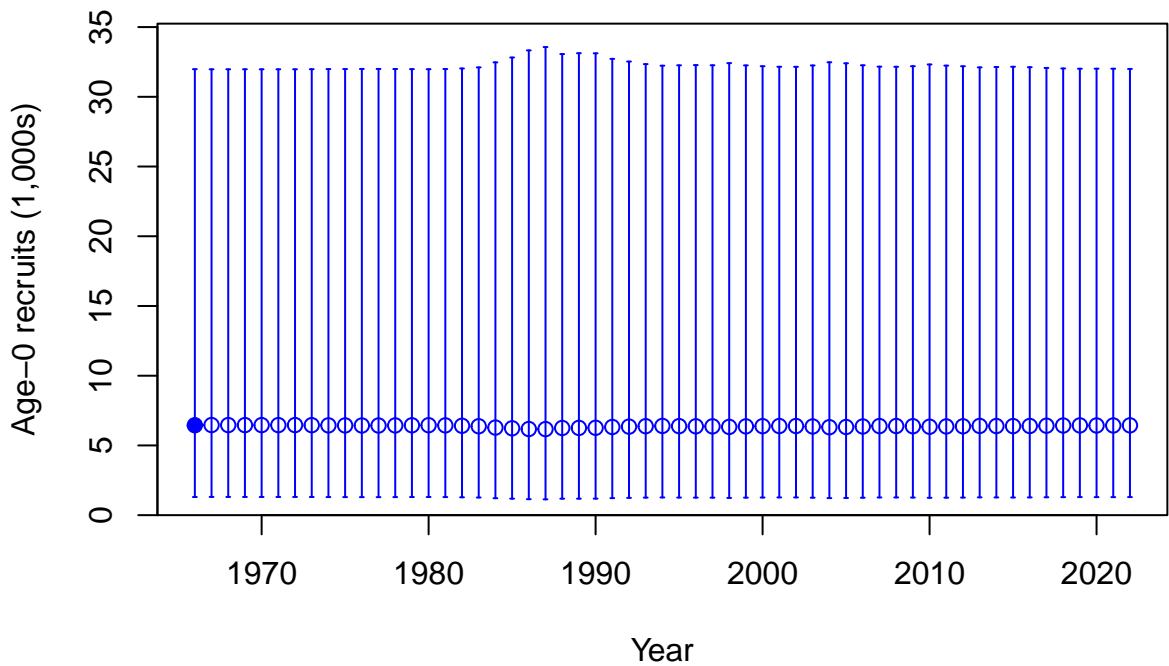




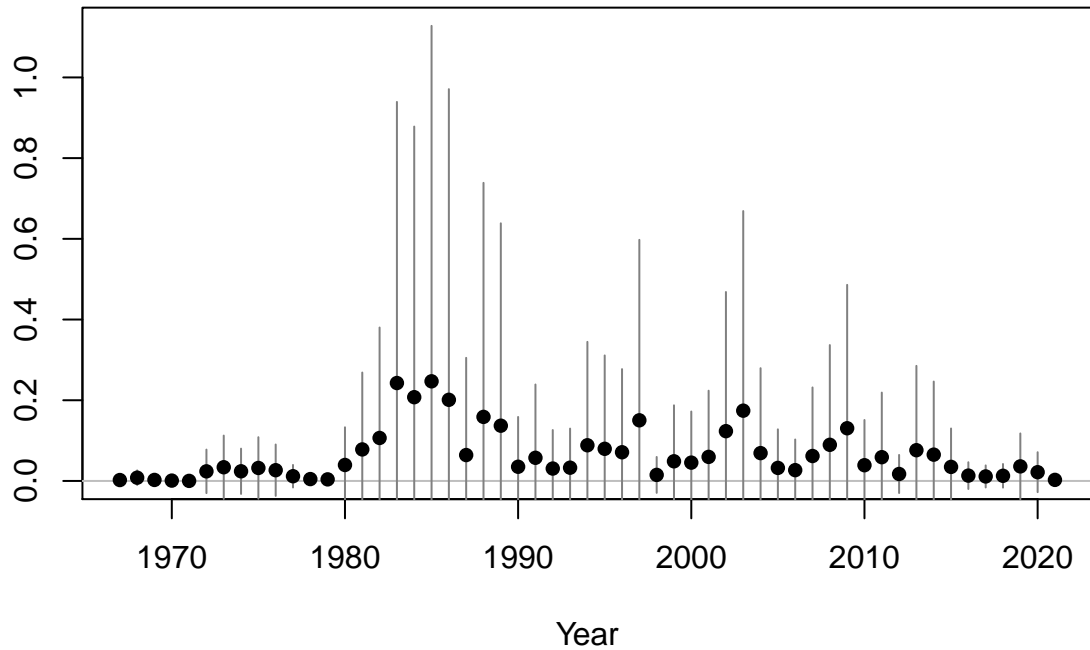


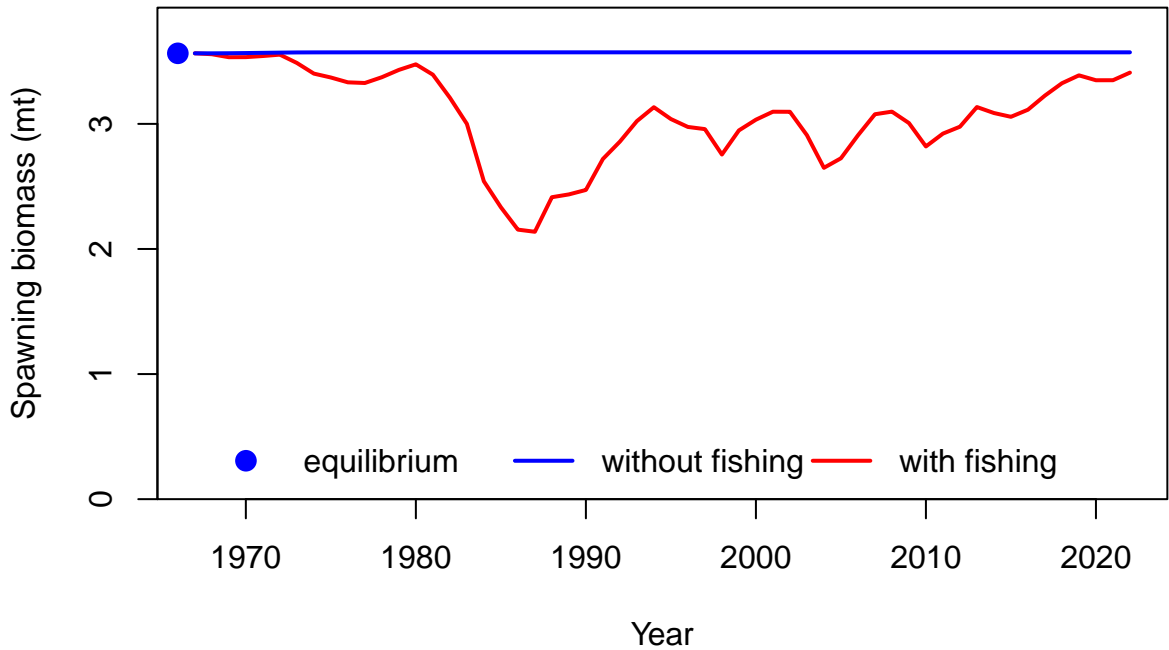
Age-0 recruits (1,000s)

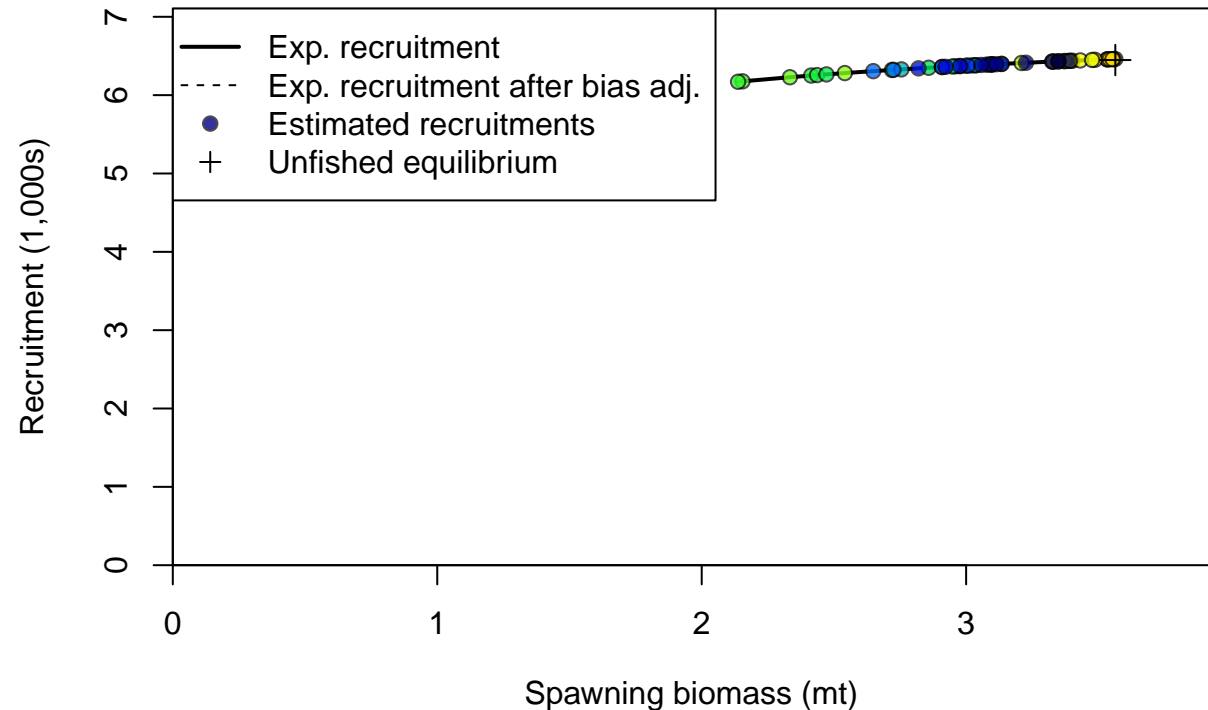


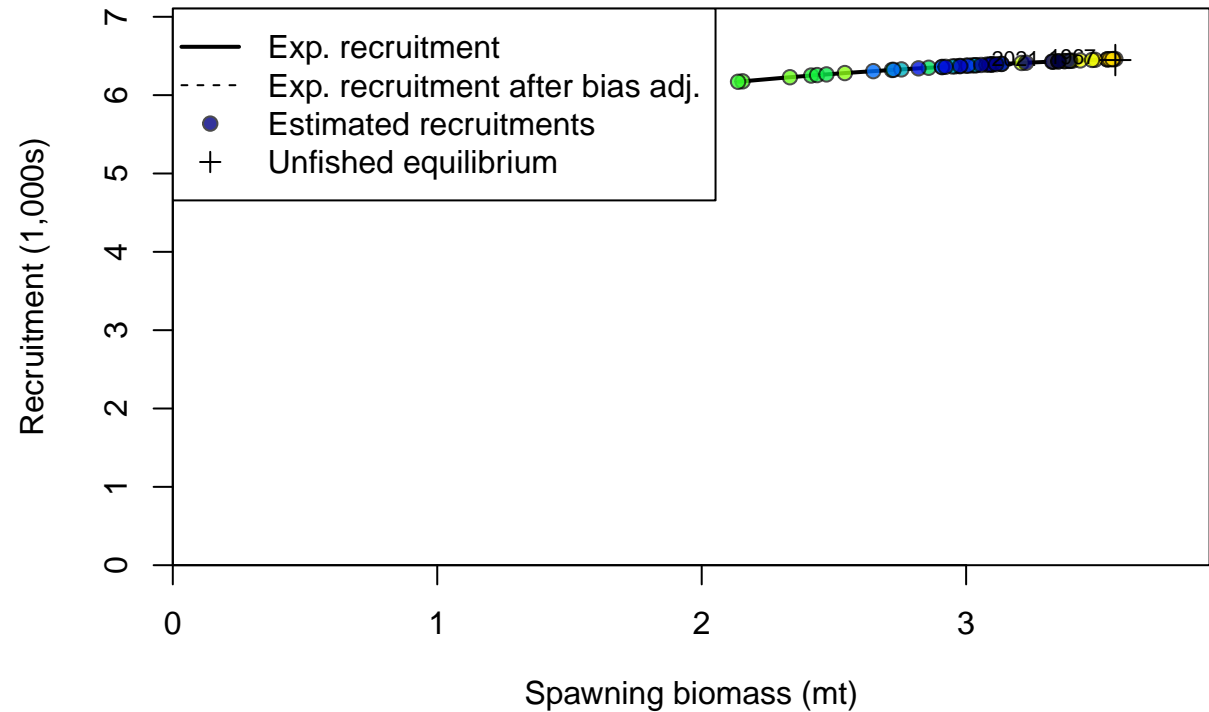


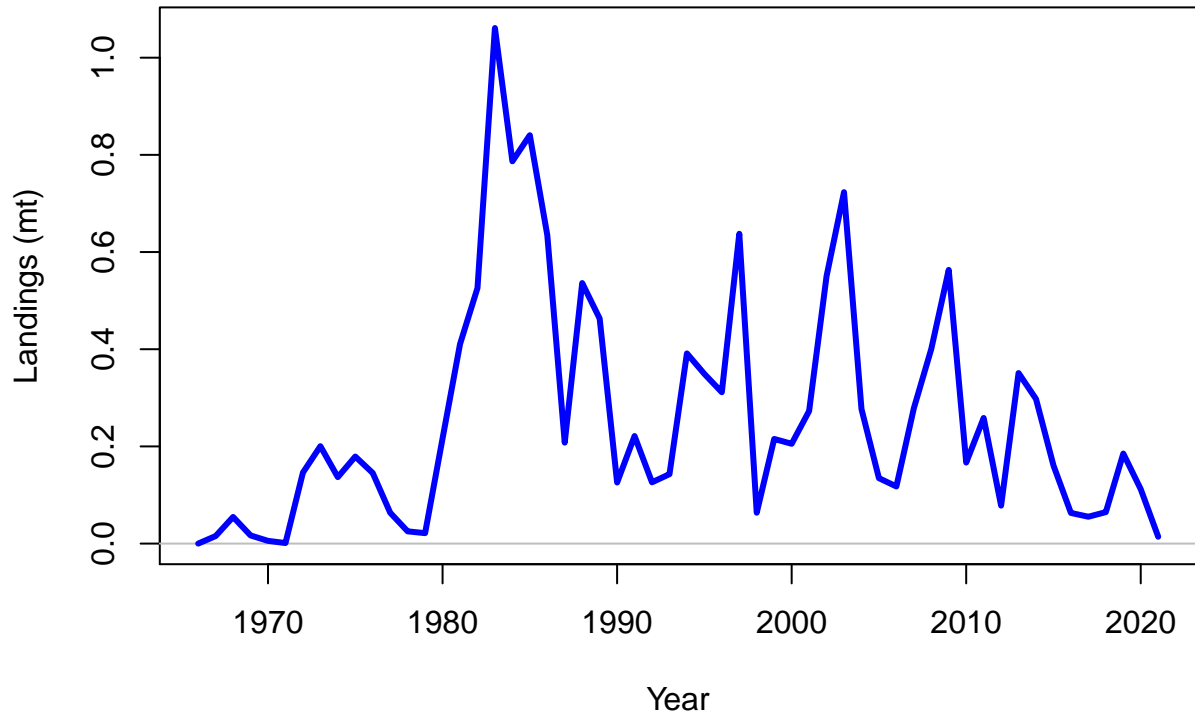
Summary Fishing Mortality

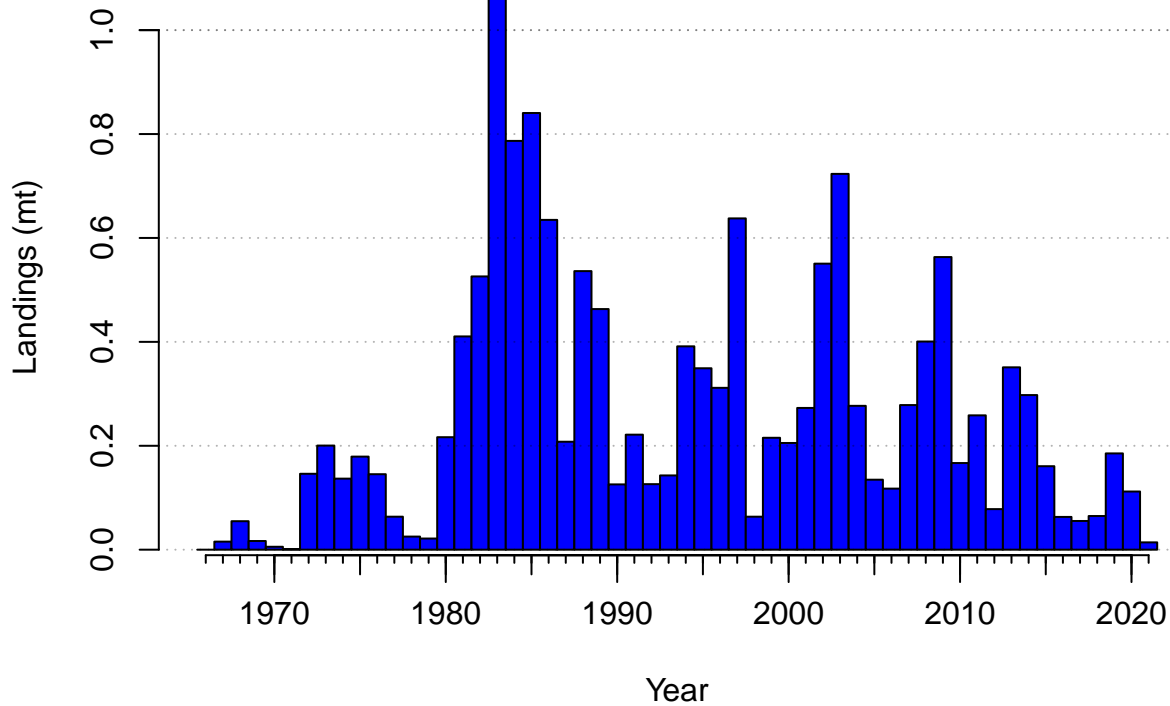


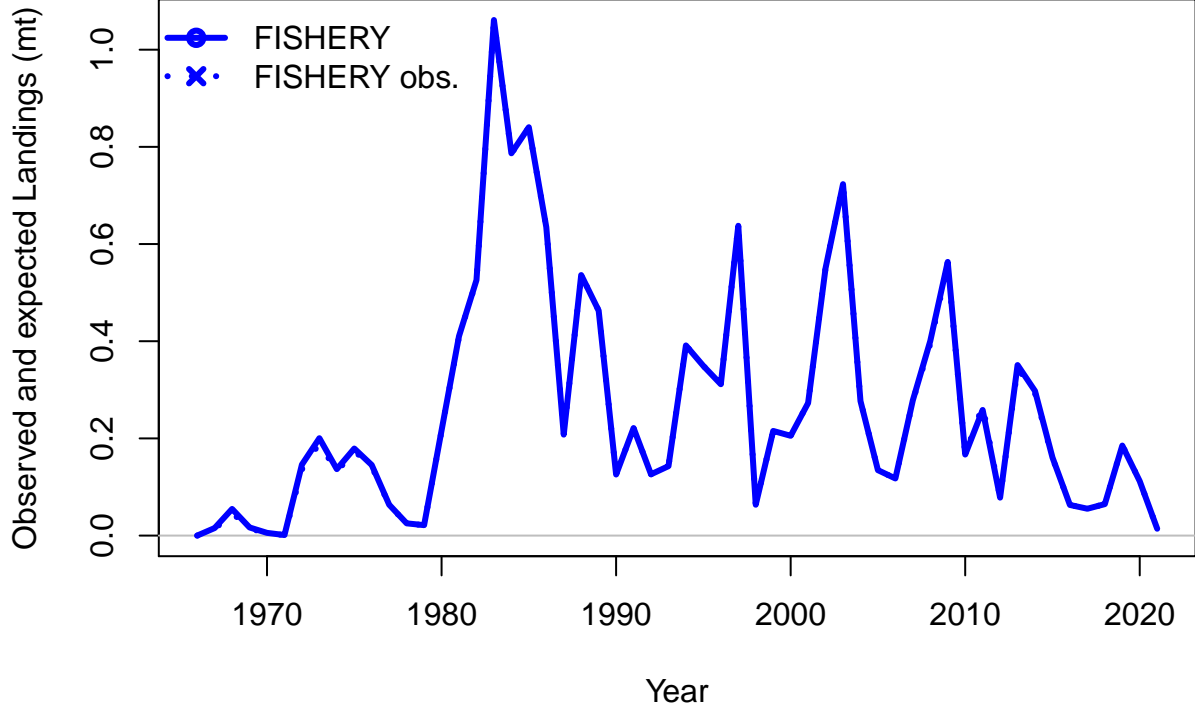


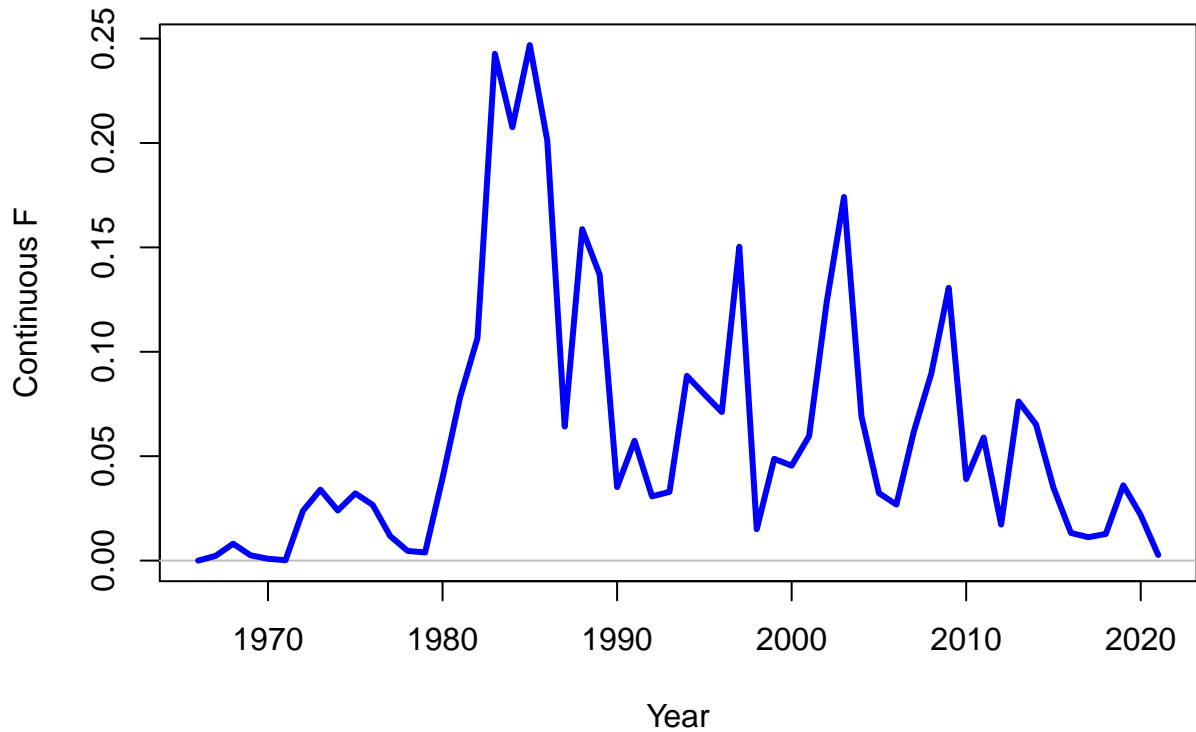




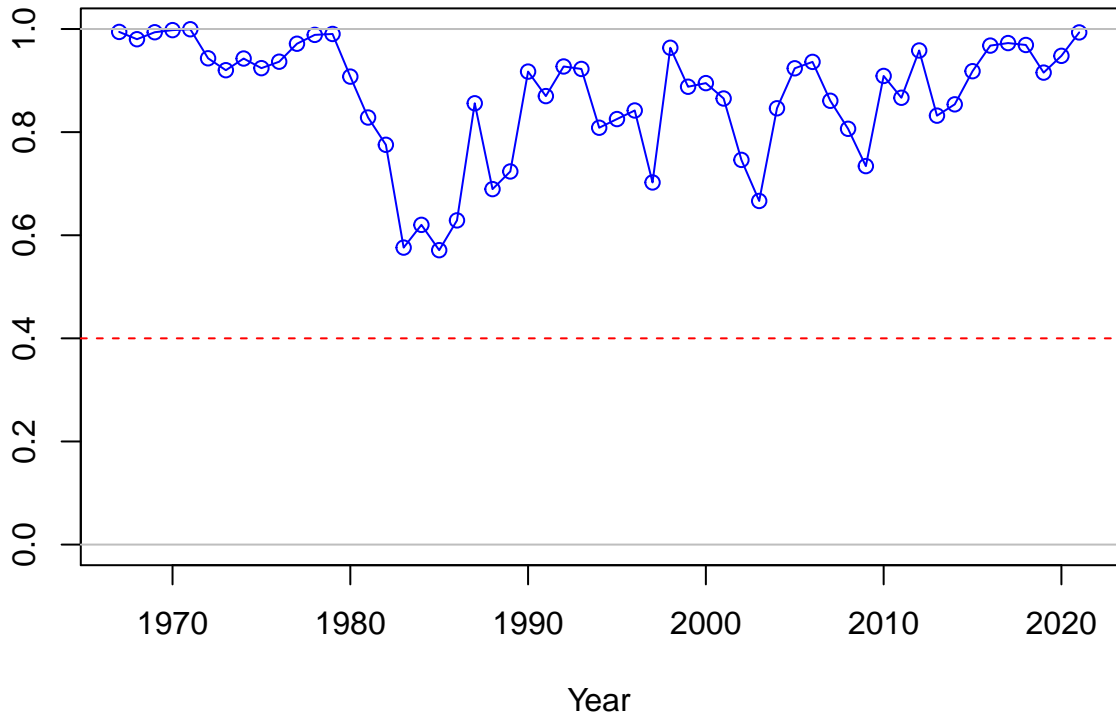




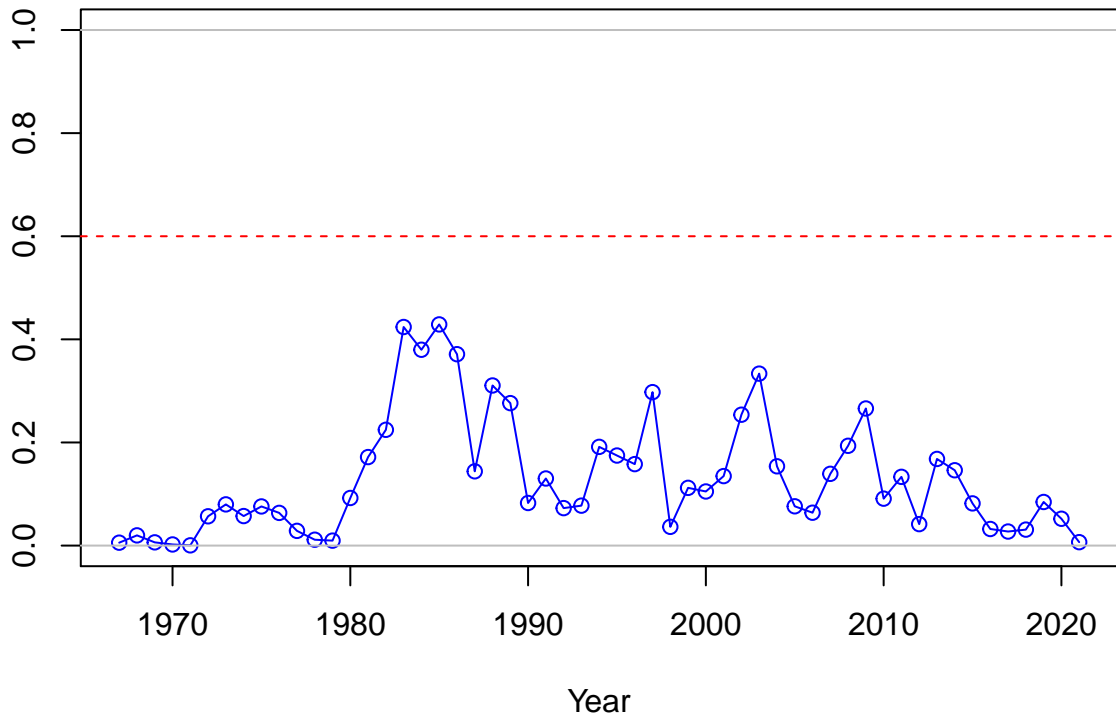




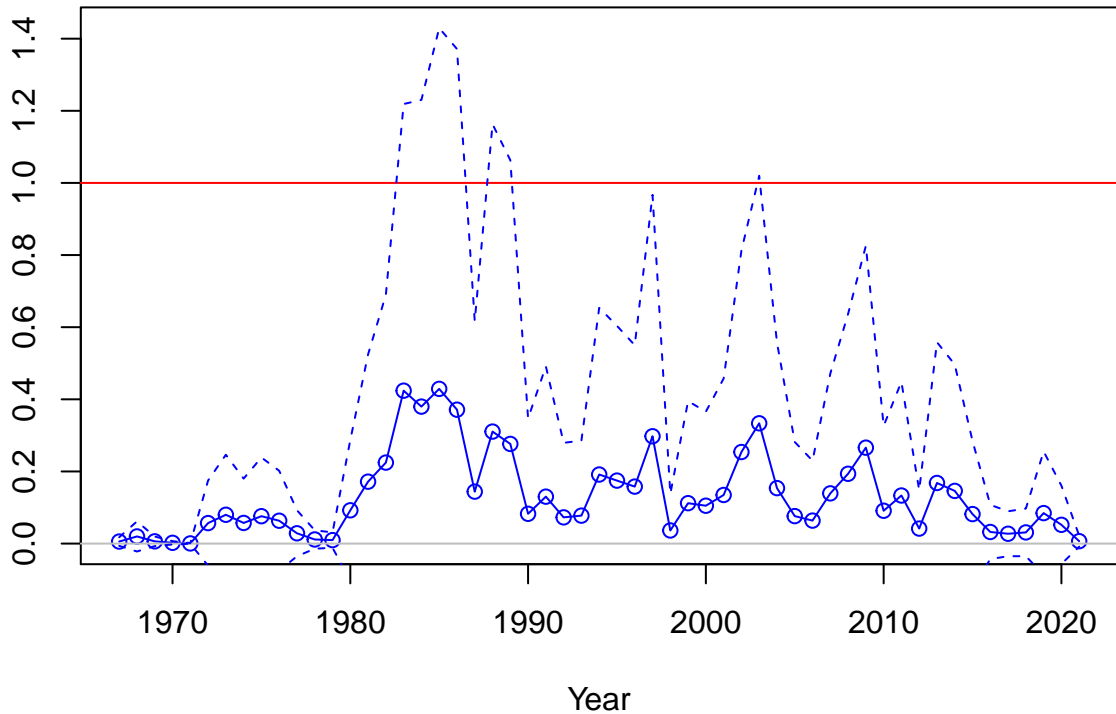
SPR



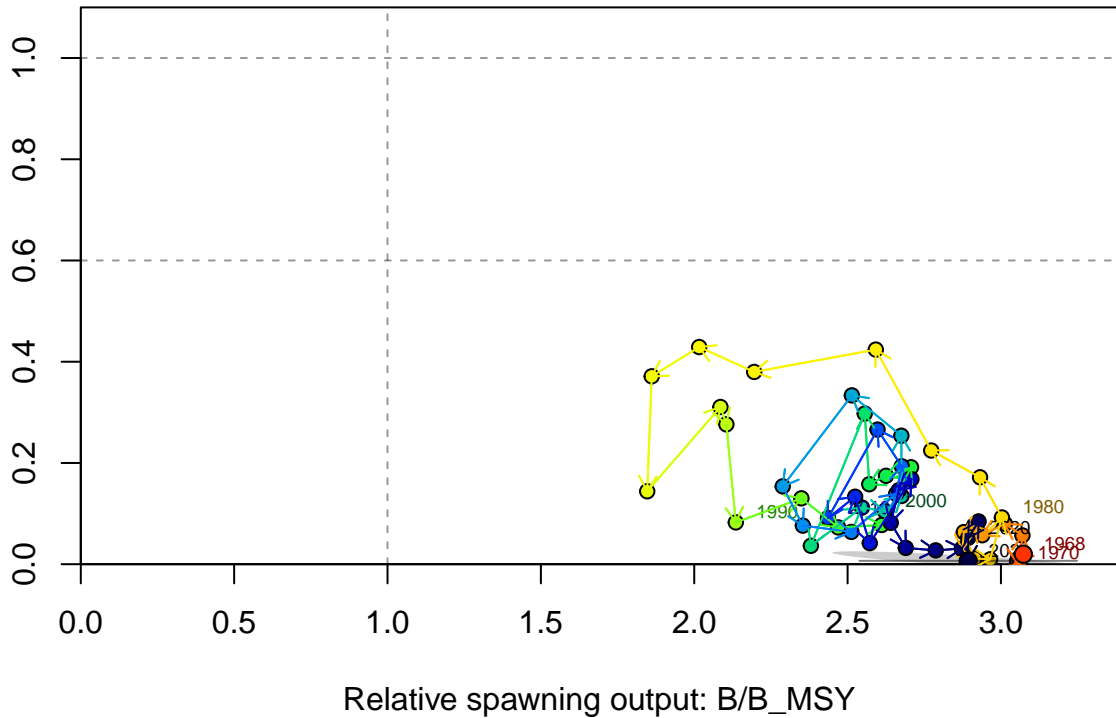
1-SPR



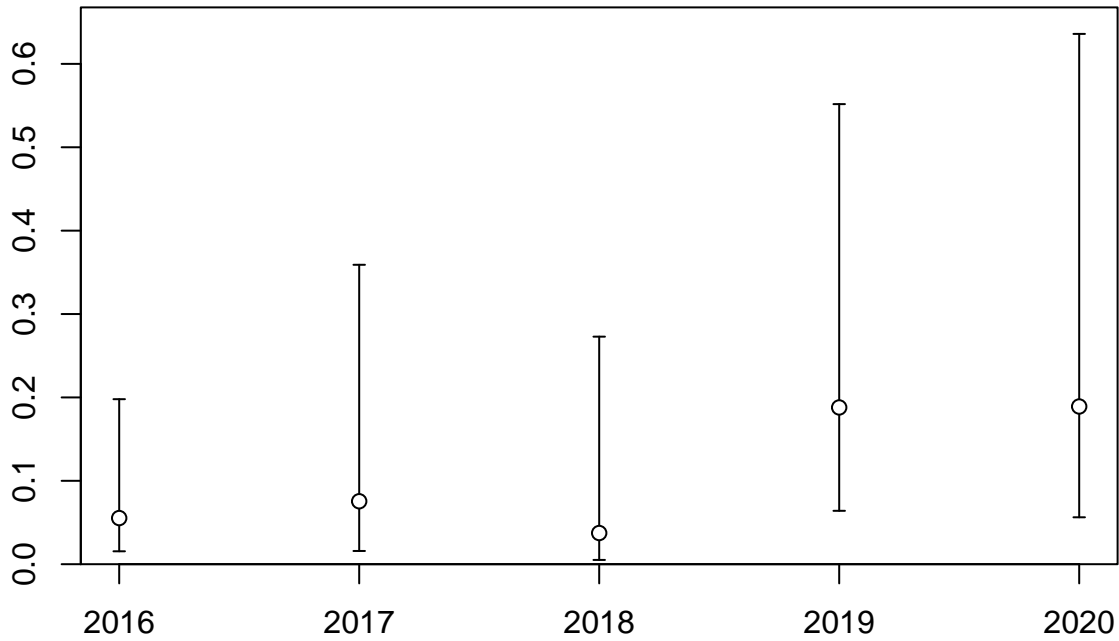
Fishing intensity: 1-SPR



Fishing intensity: 1-SPR

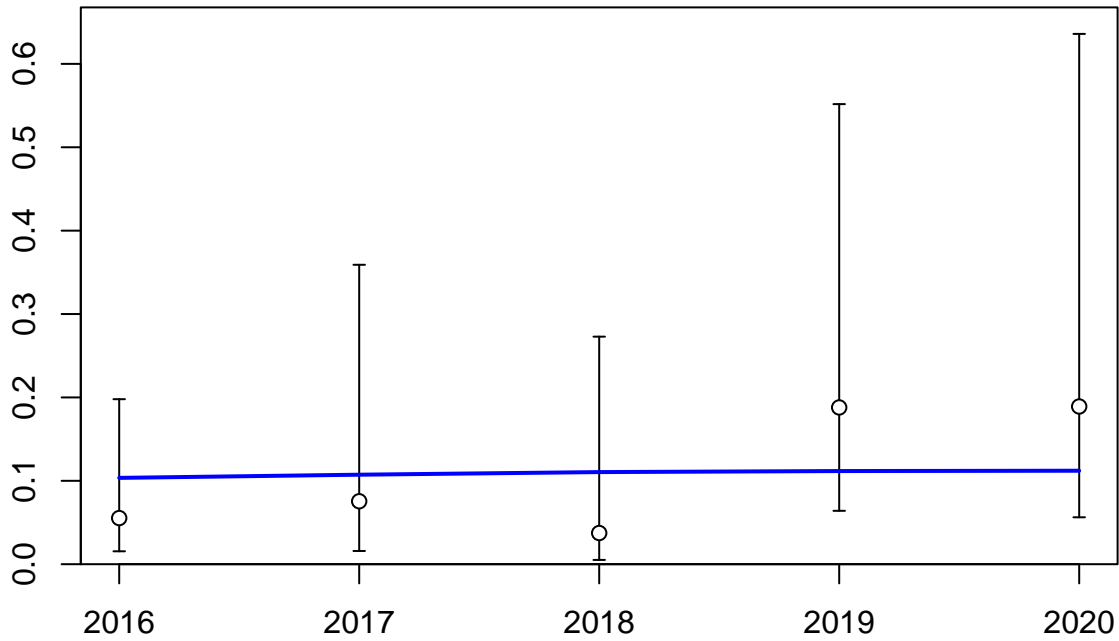


Index

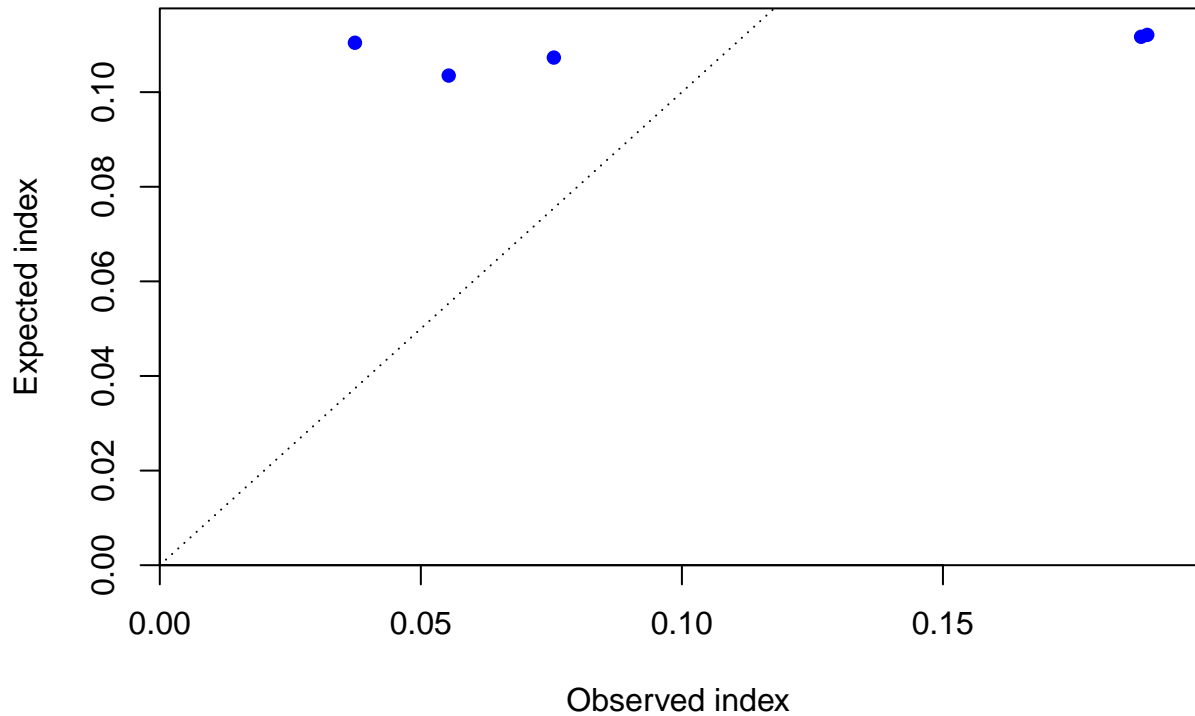


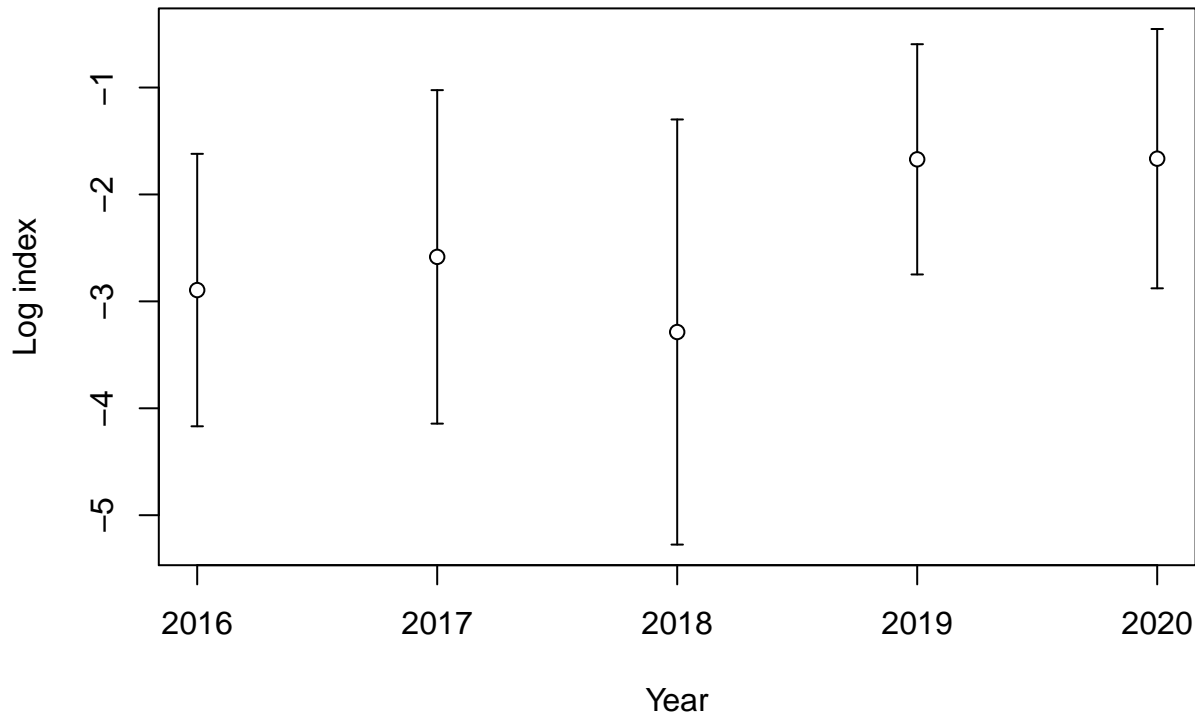
Year

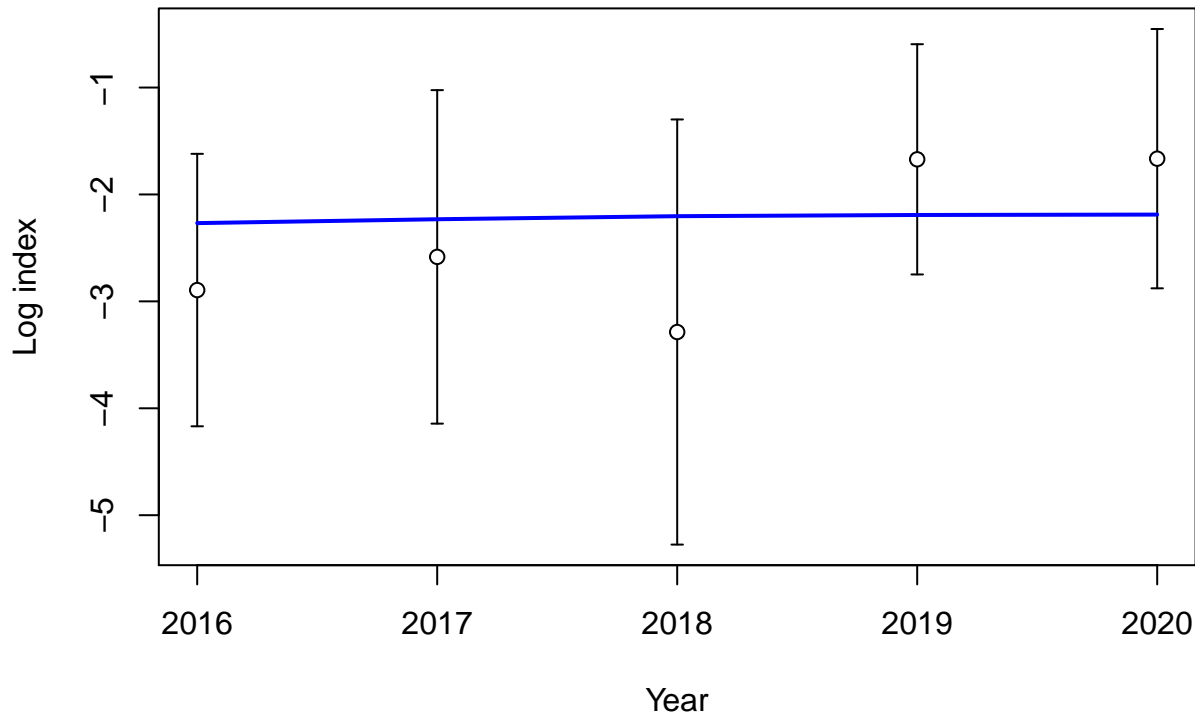
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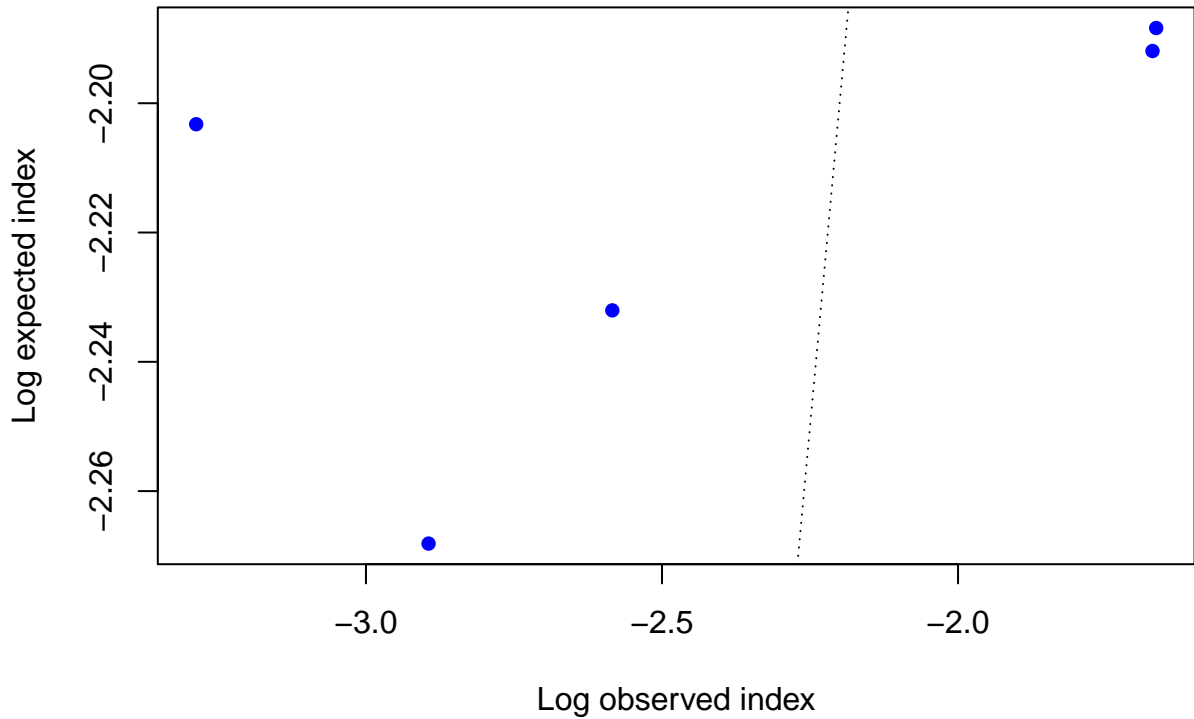


Year

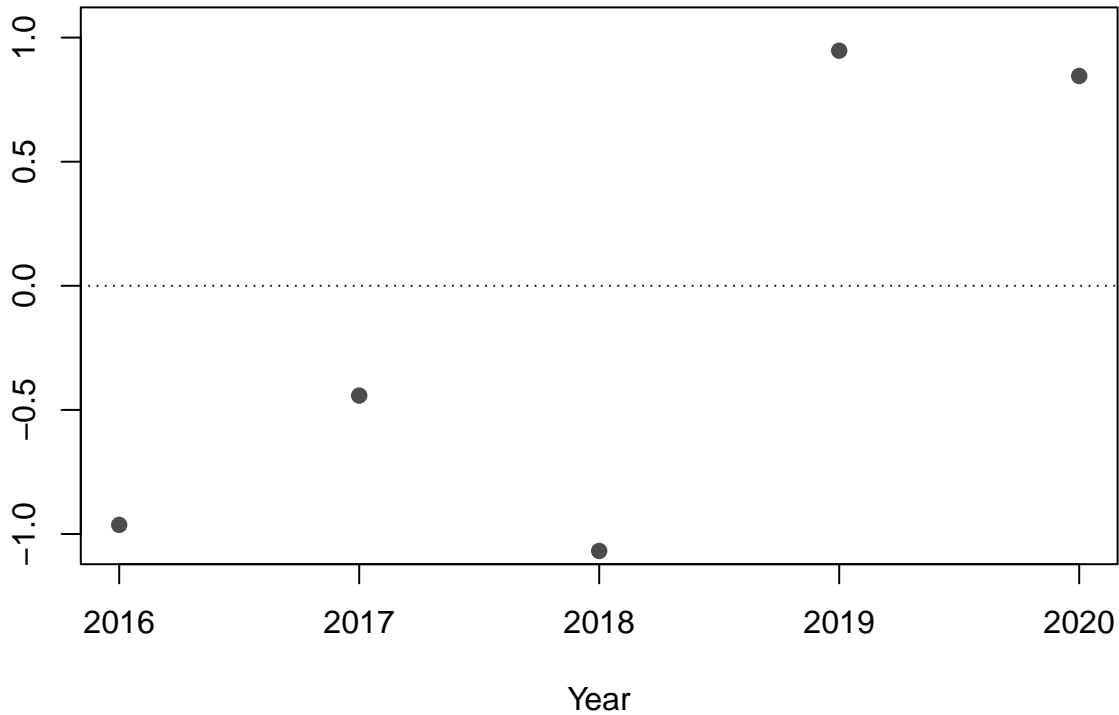


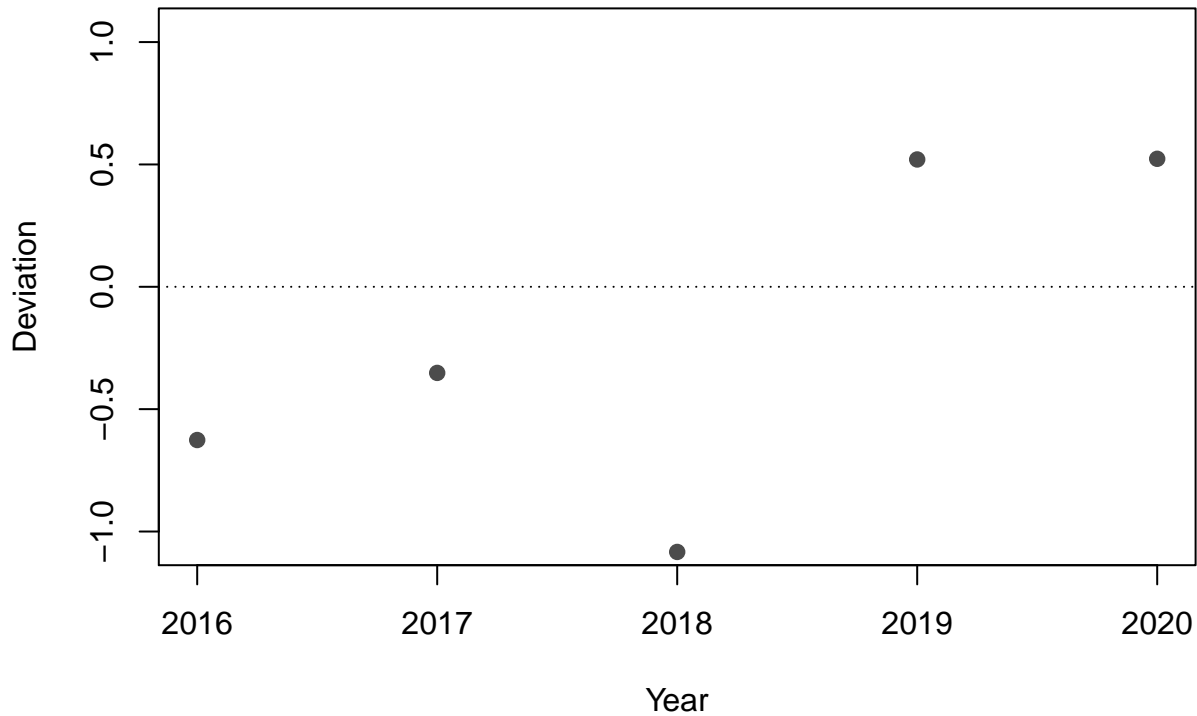


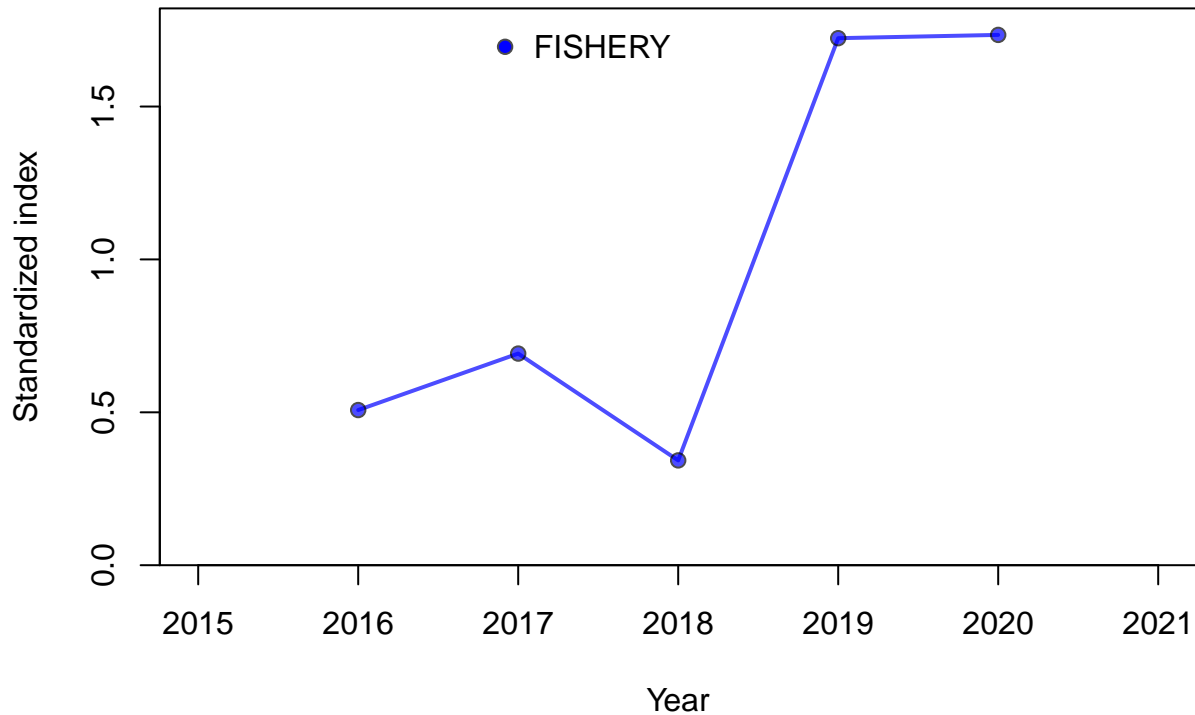


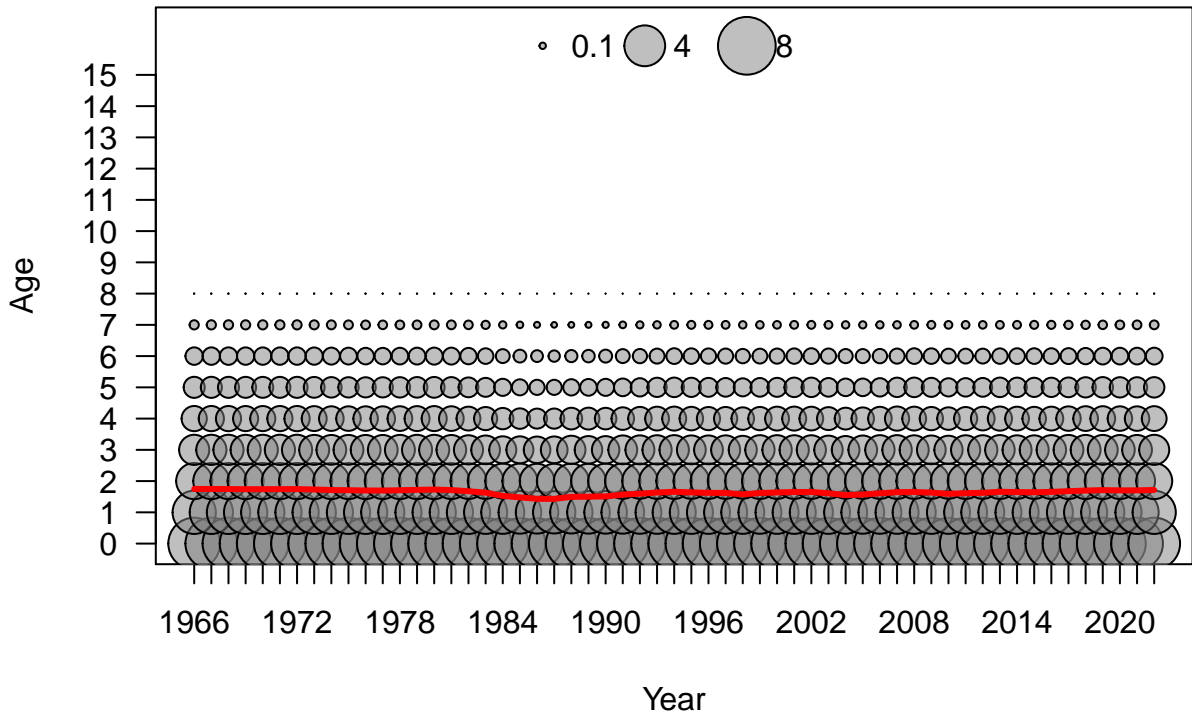


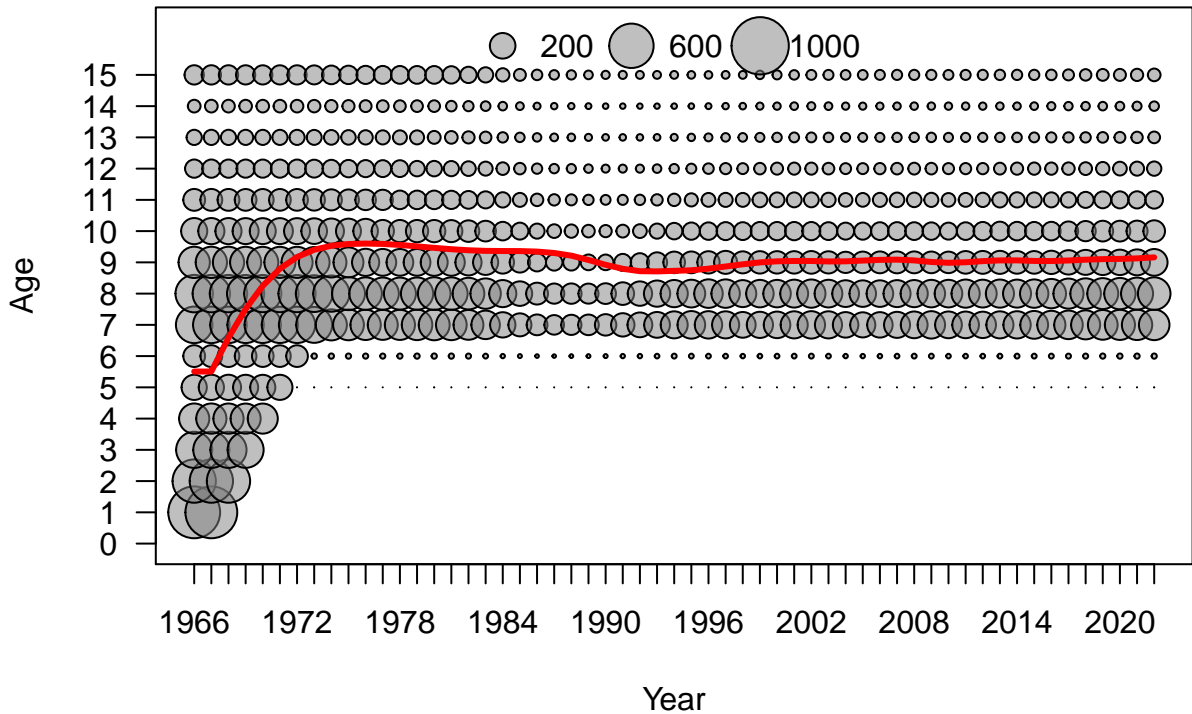
Residual

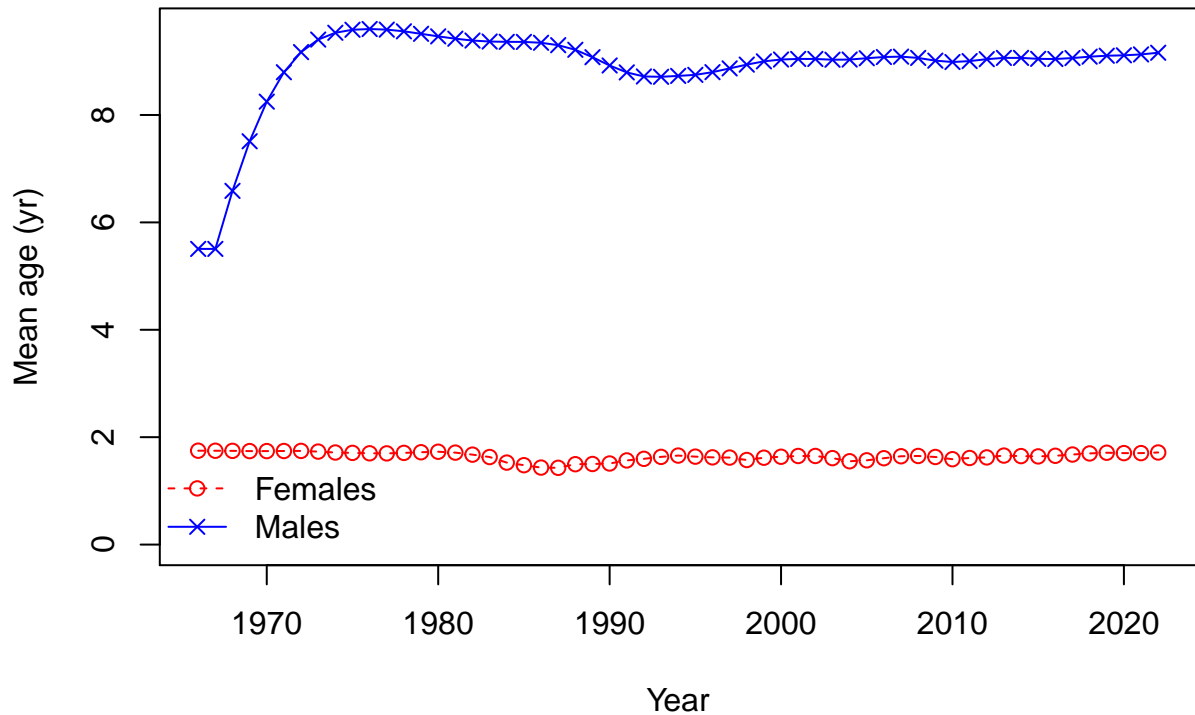




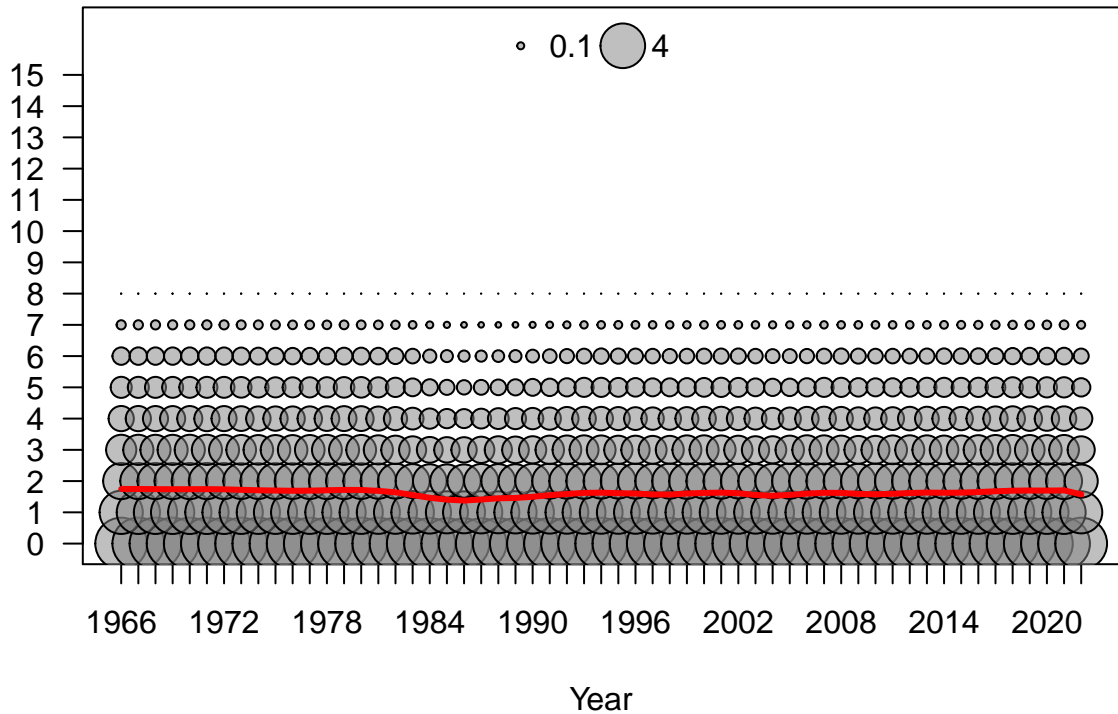


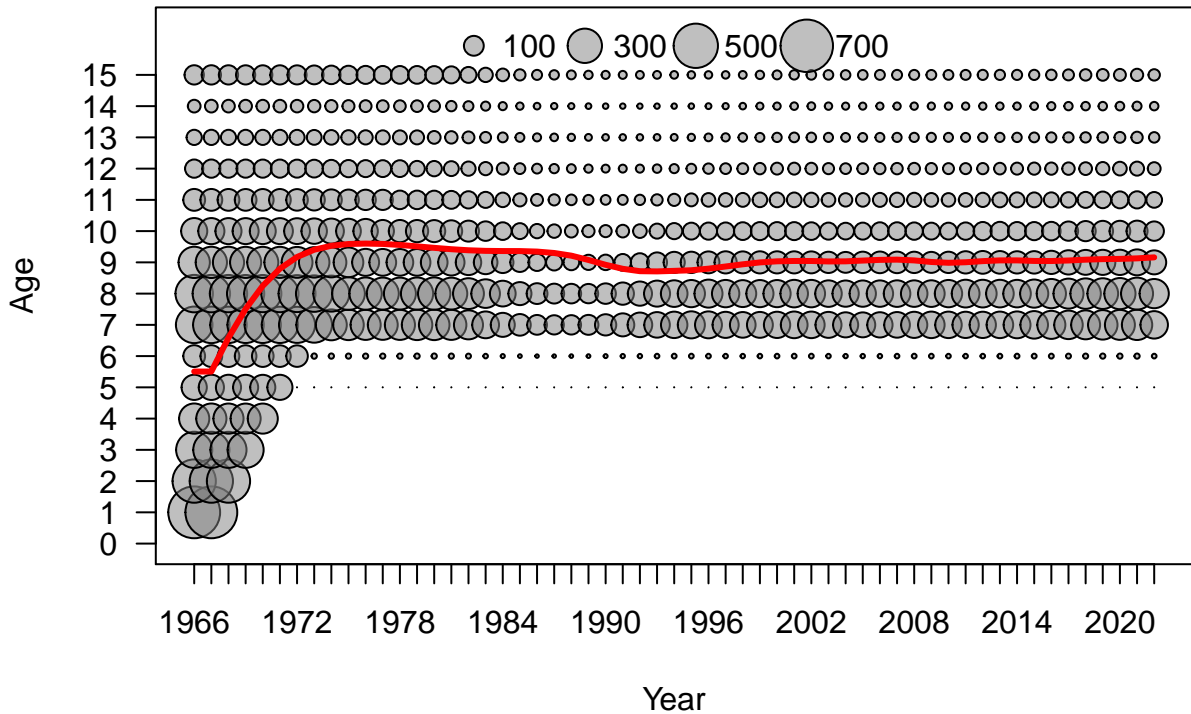


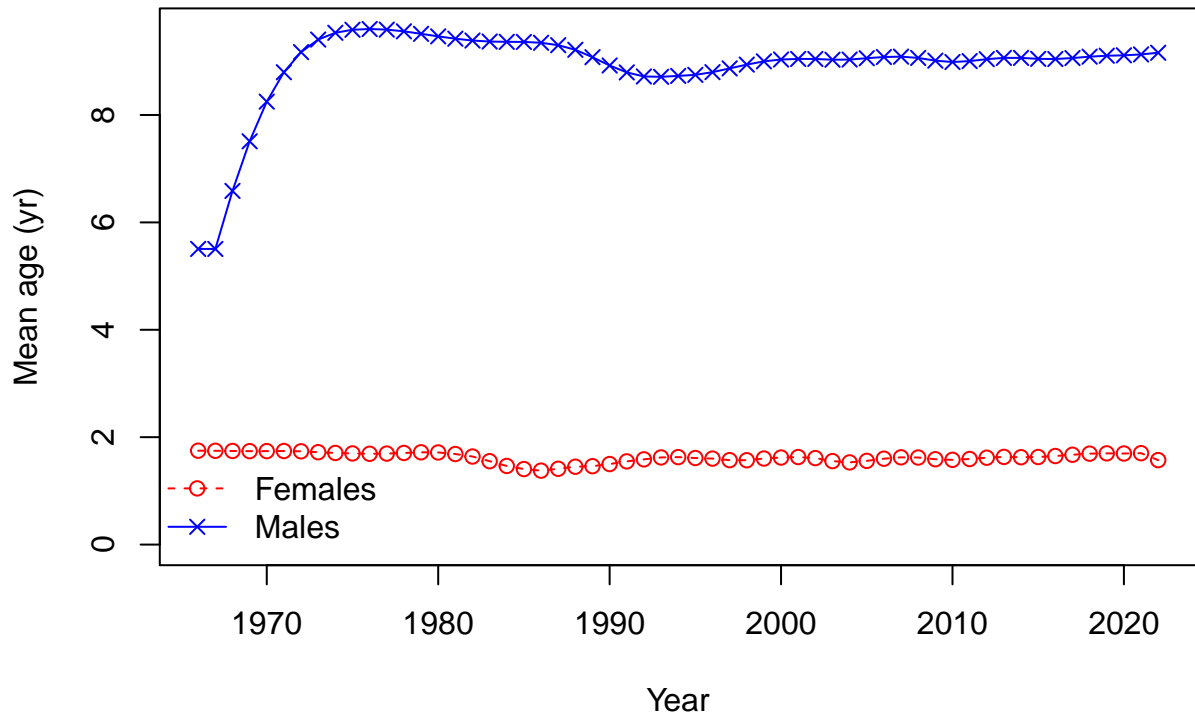




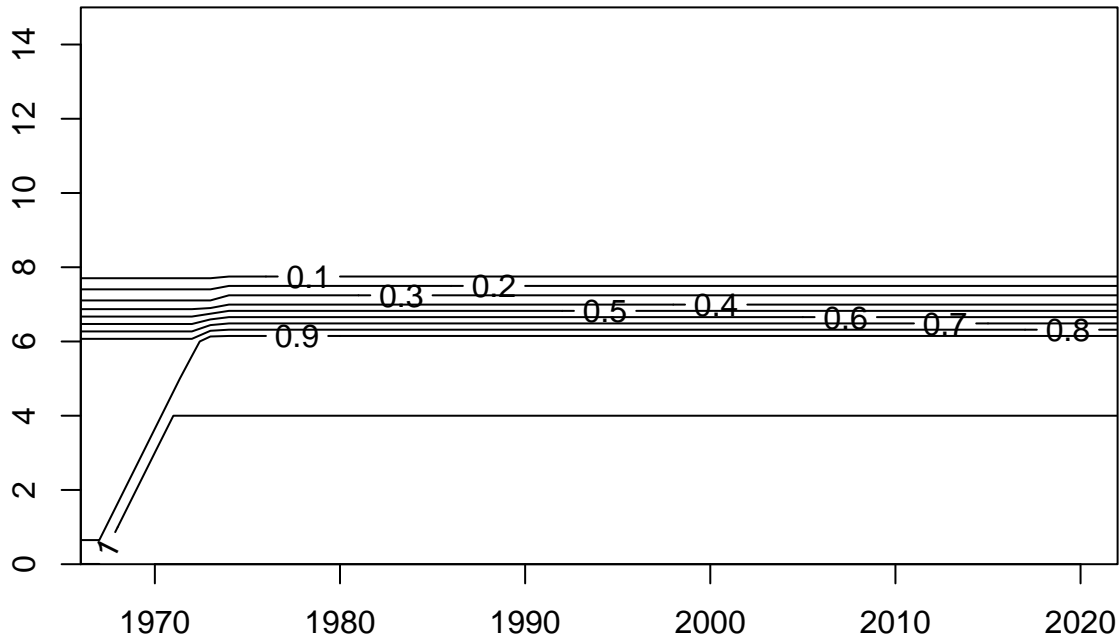
Age



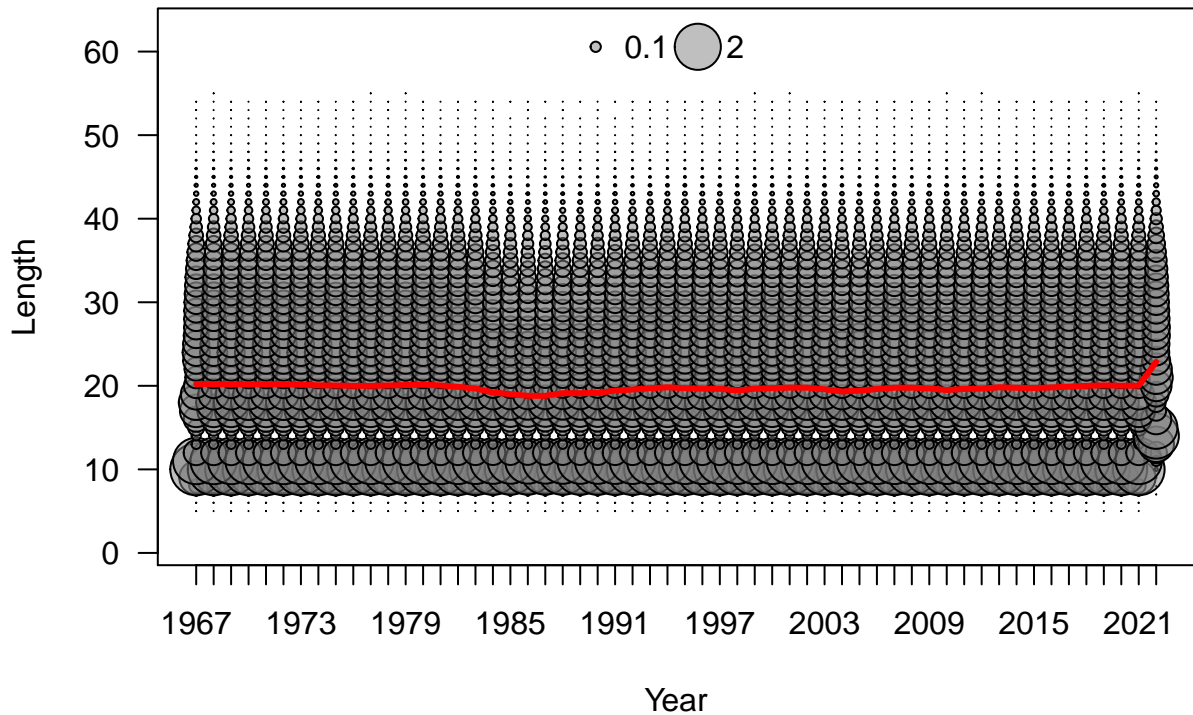


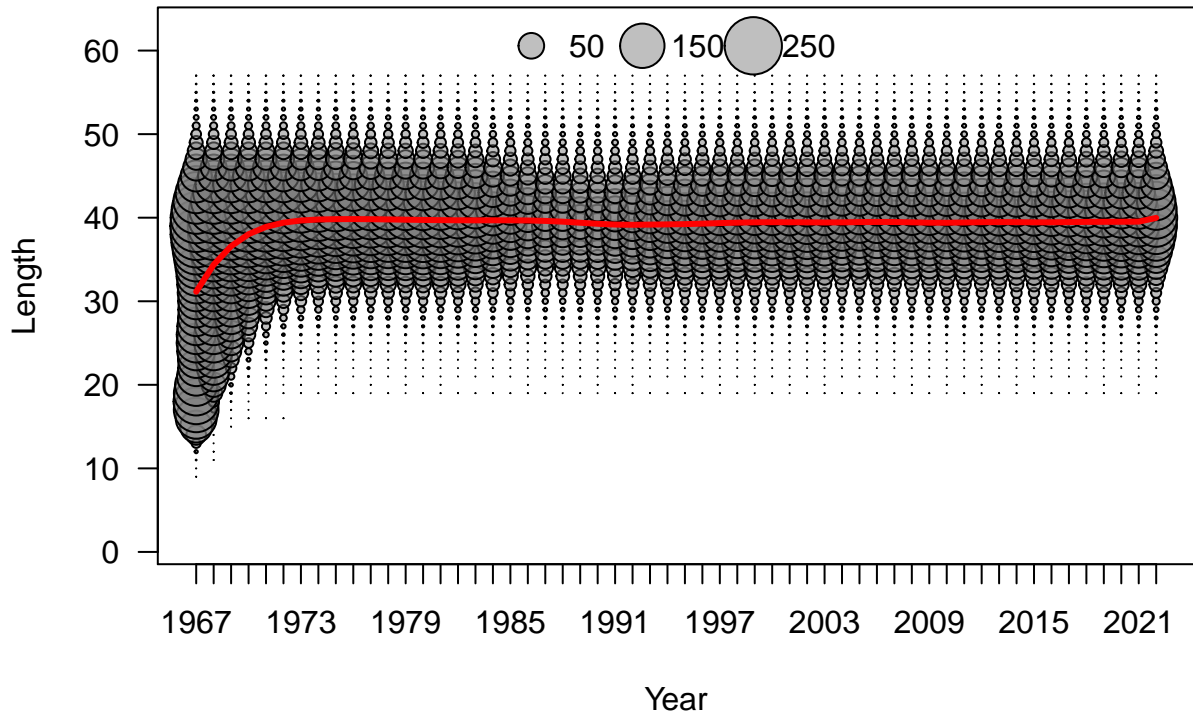


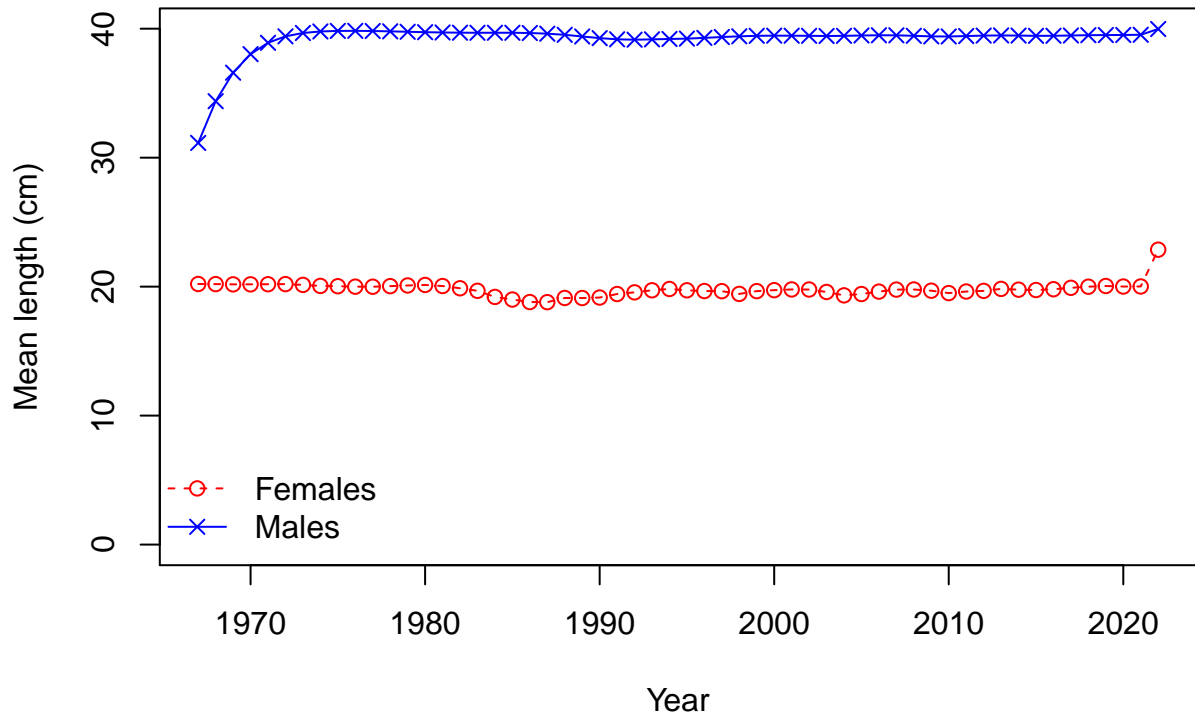
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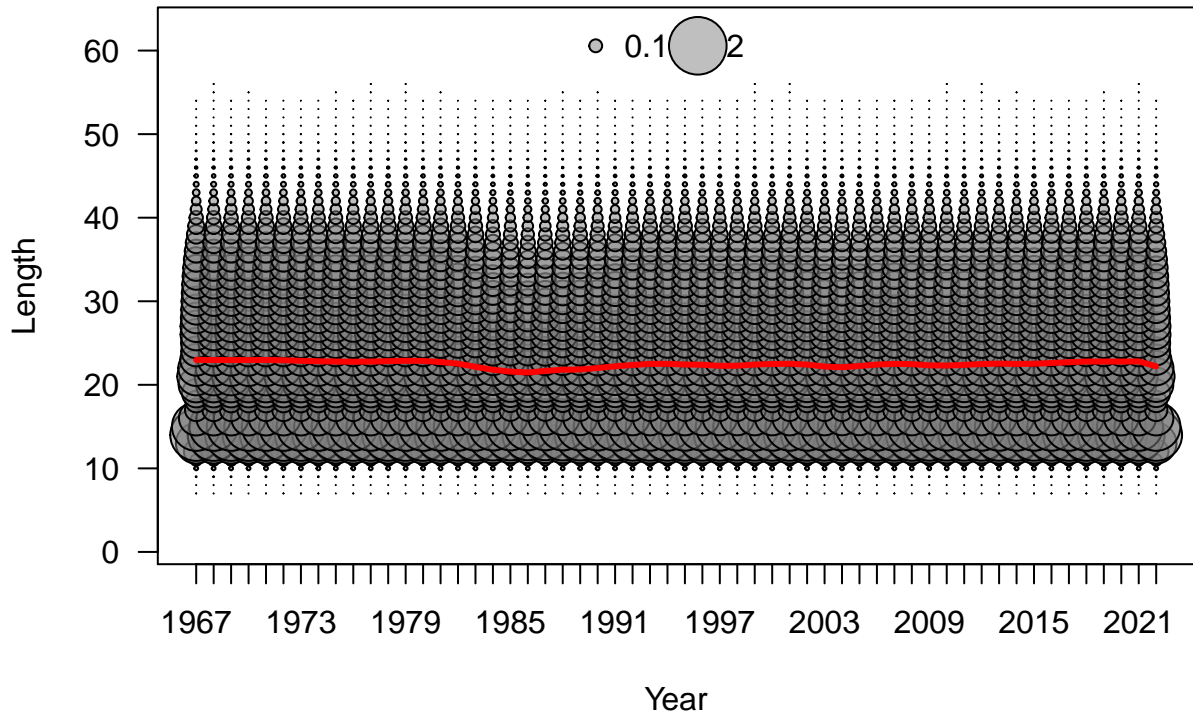


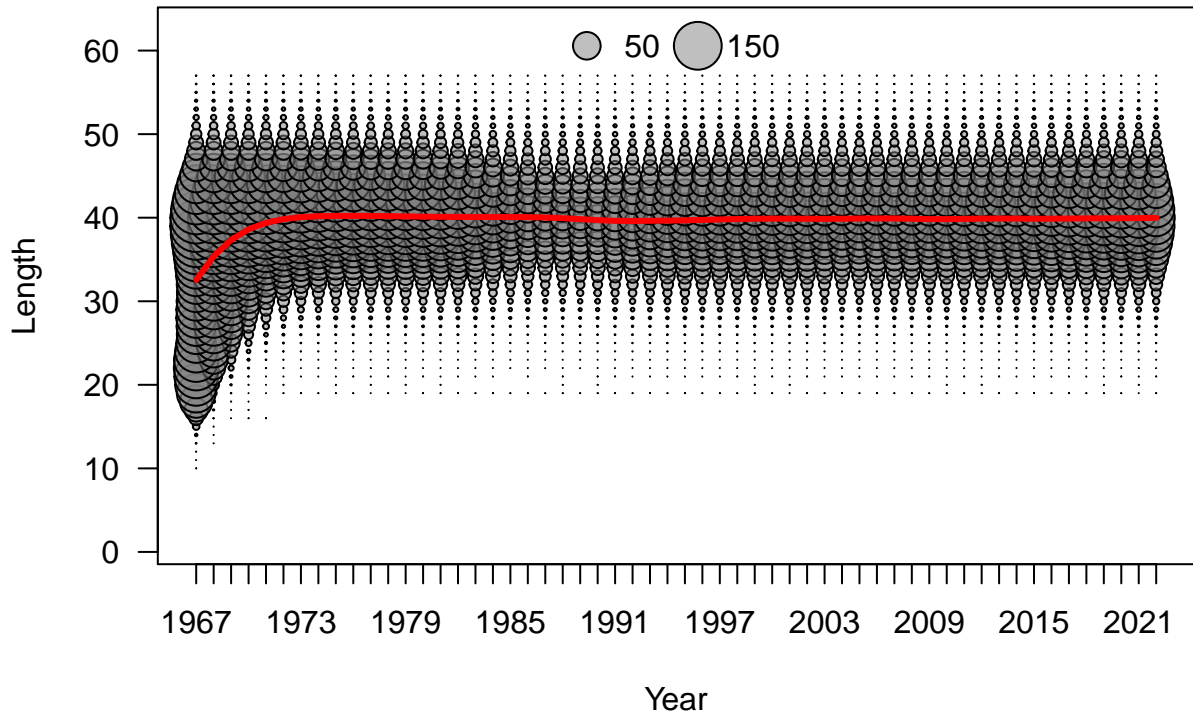
Year

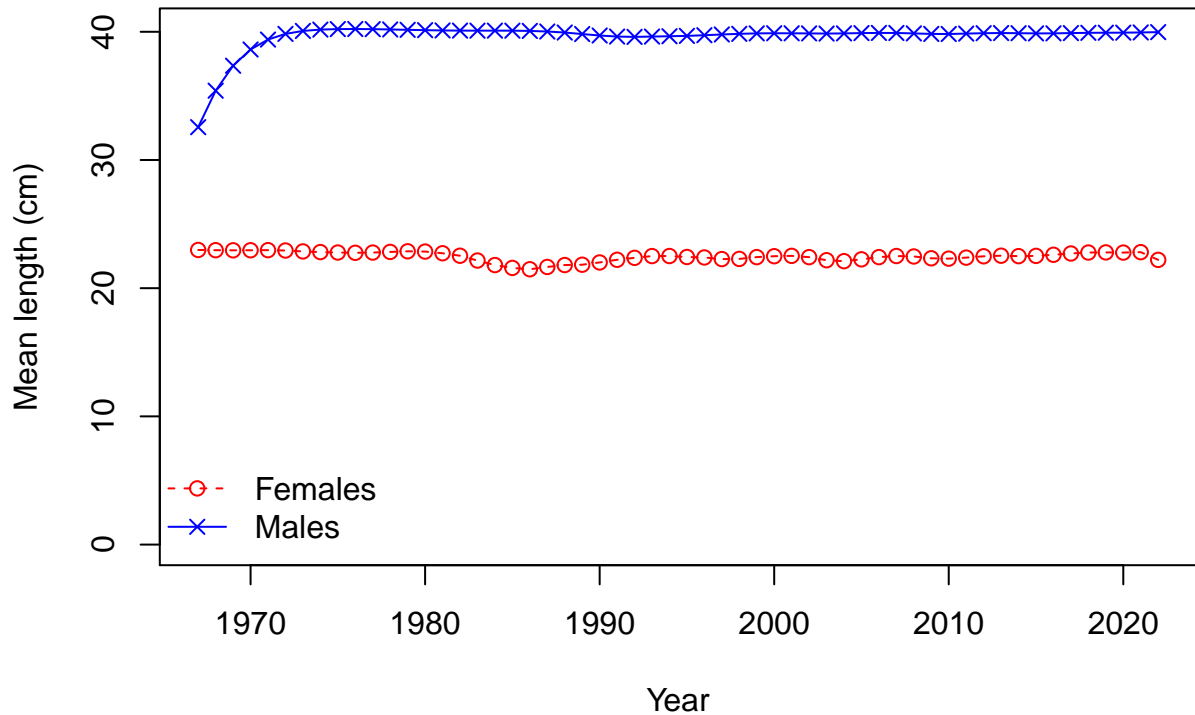












Length

50
40
30
20
10

1970

1980

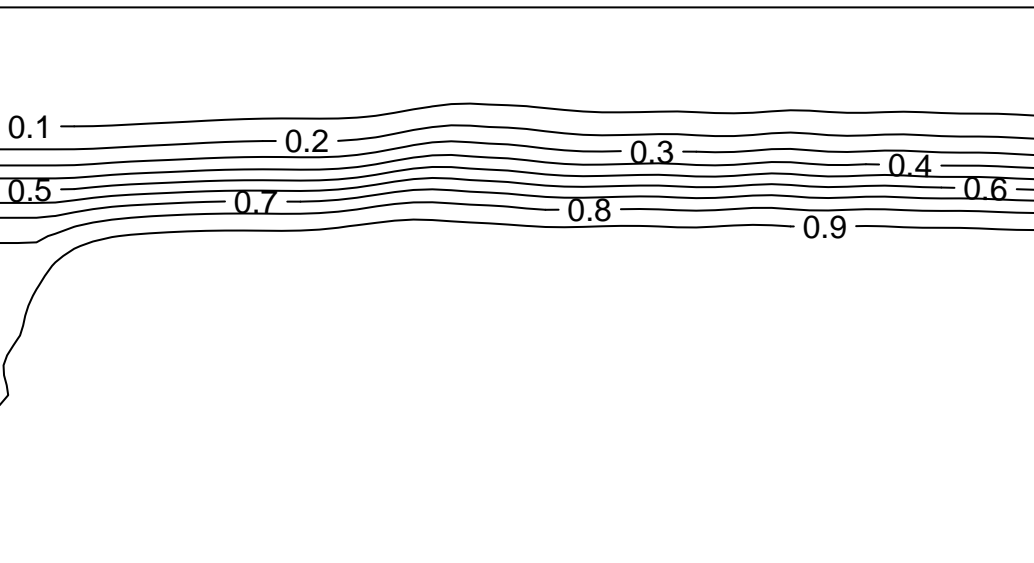
1990

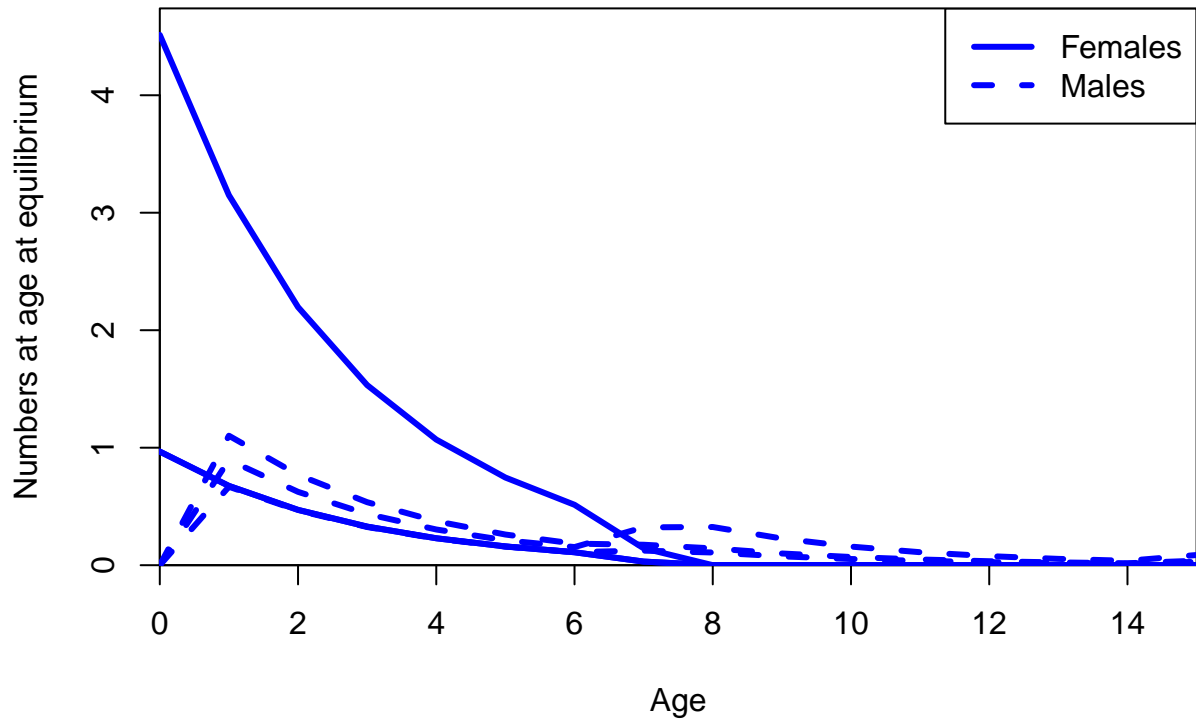
2000

2010

2020

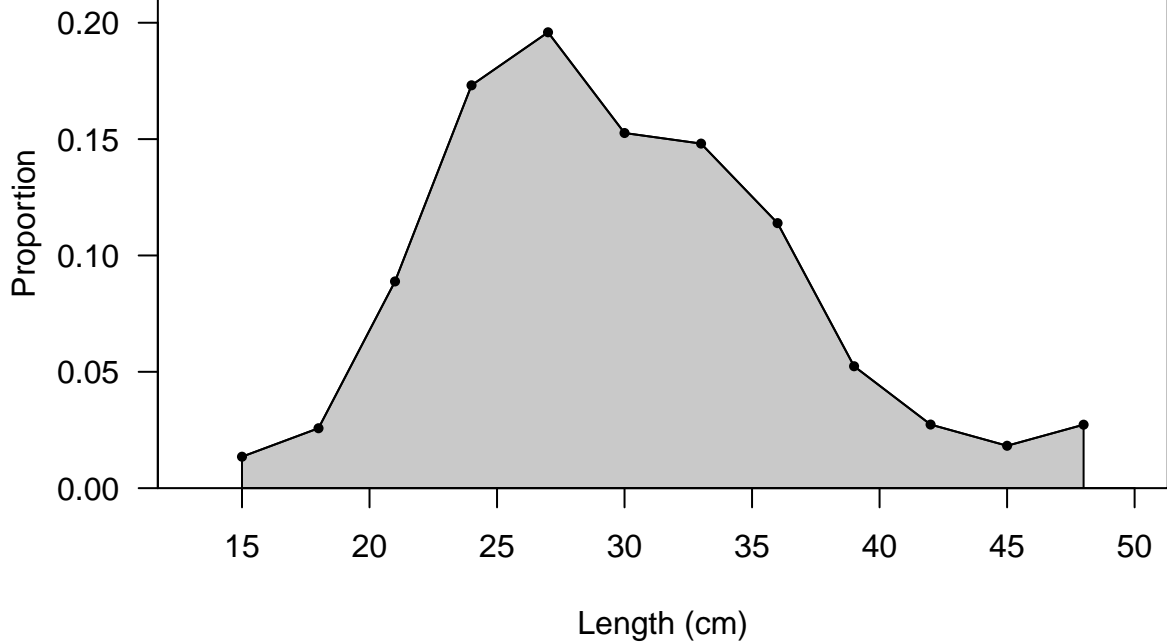
Year

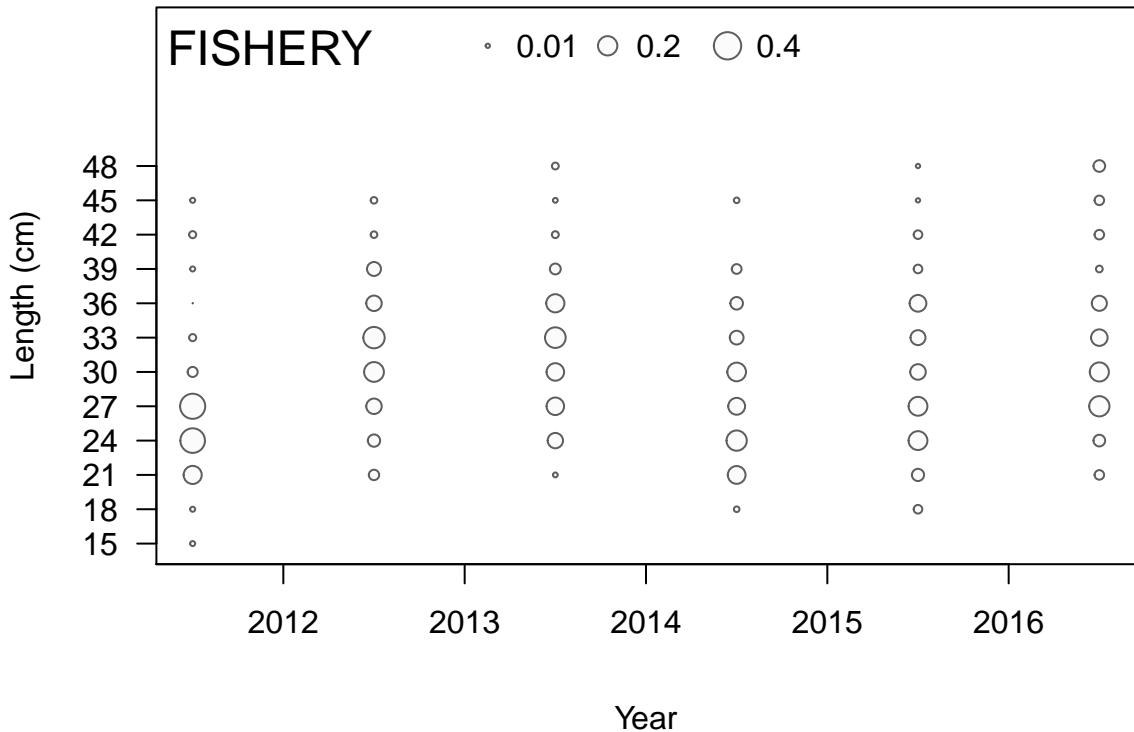




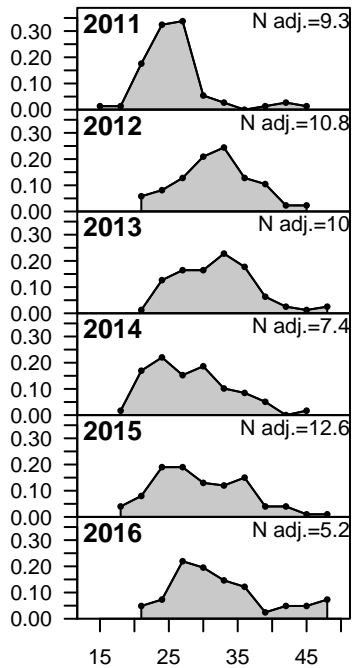
FISHERY

Sum of N adj.=55.3

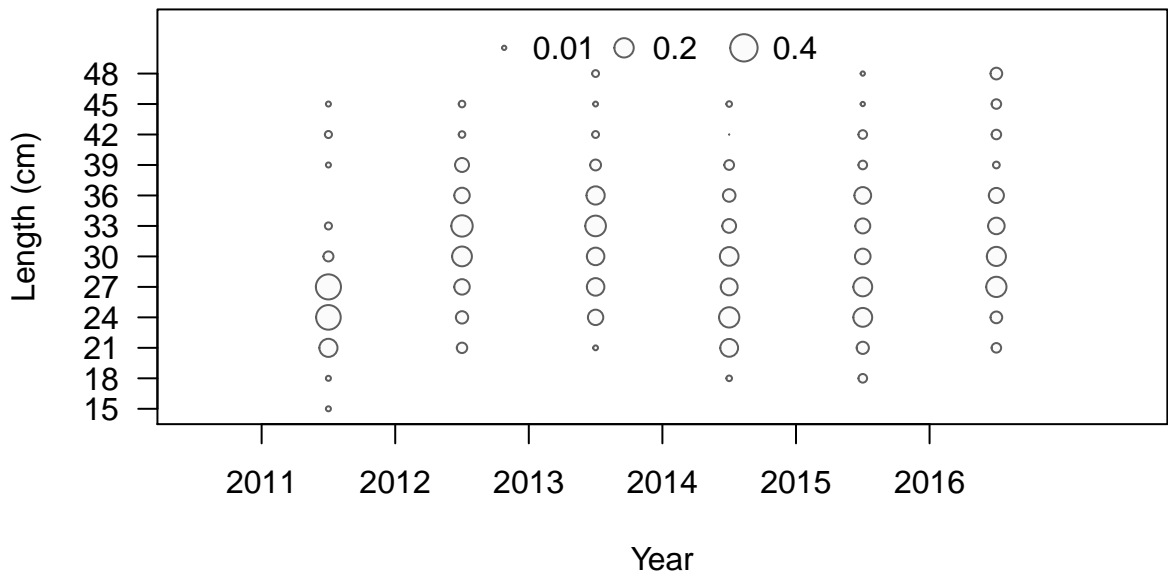




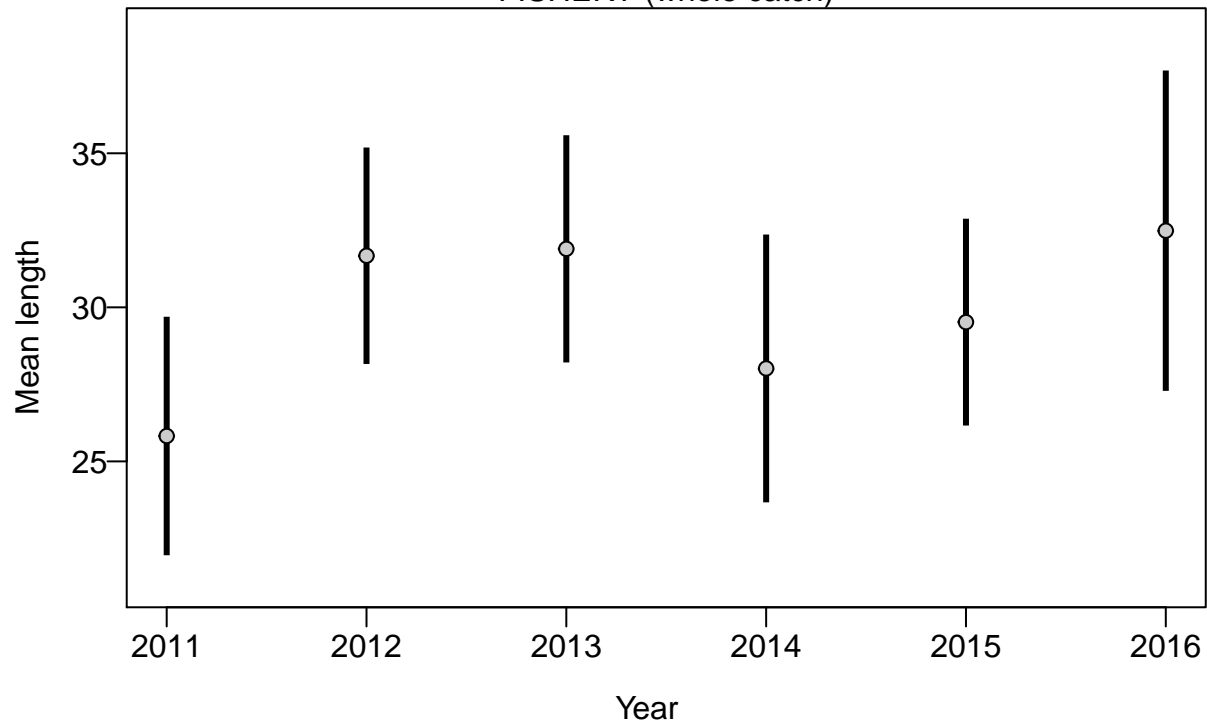
Proportion

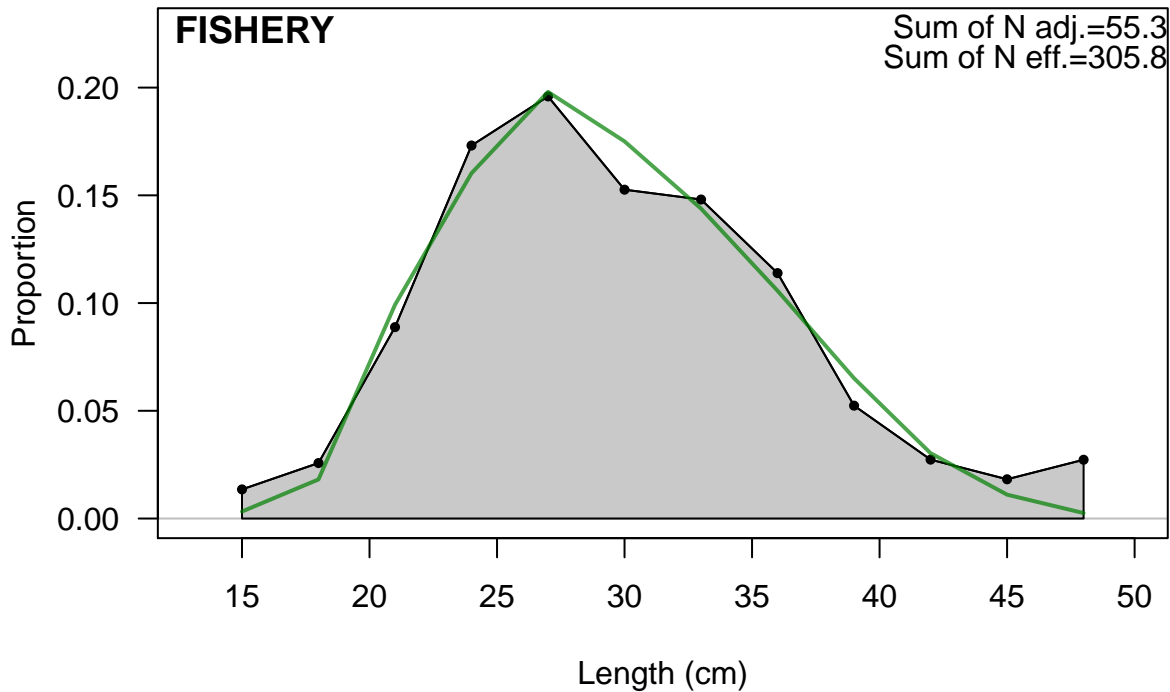


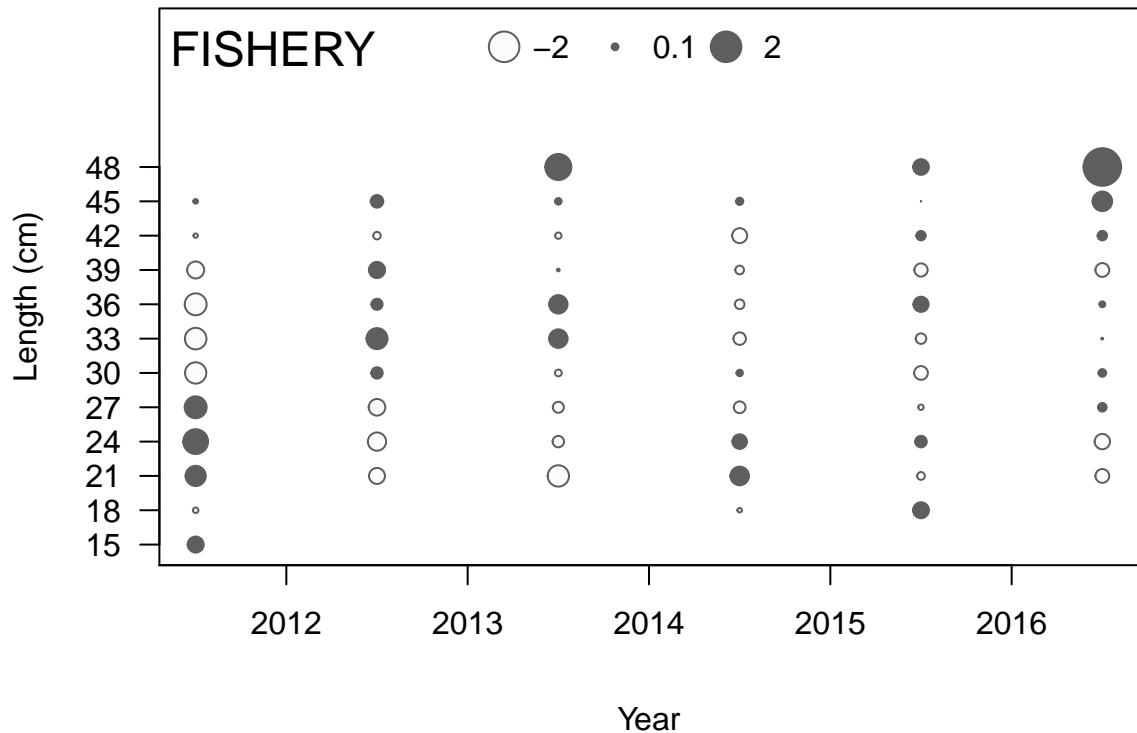
Length (cm)



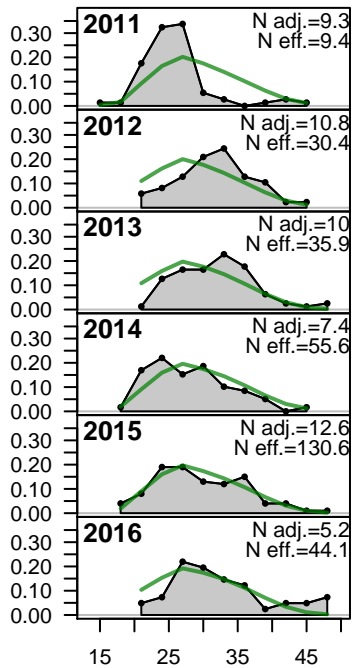
FISHERY (whole catch)



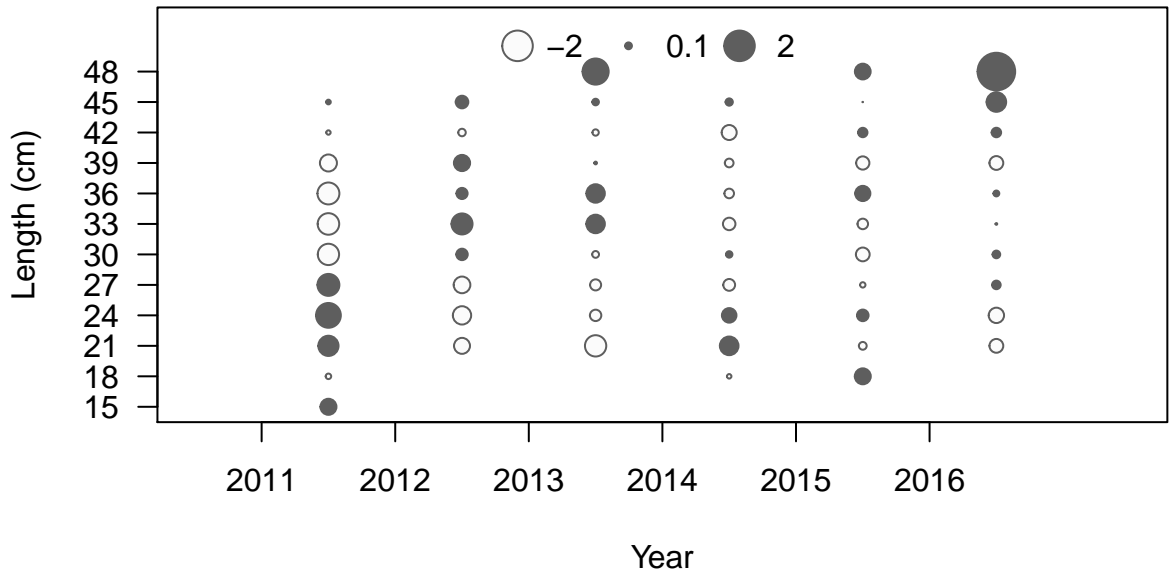




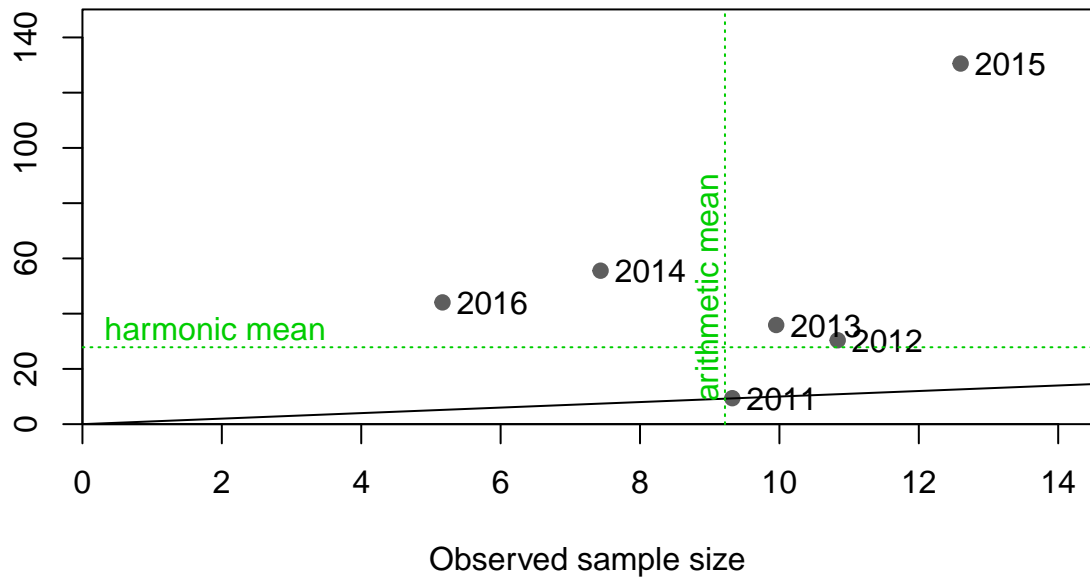
Proportion



Length (cm)



Effective sample size



FISHERY (whole catch)

