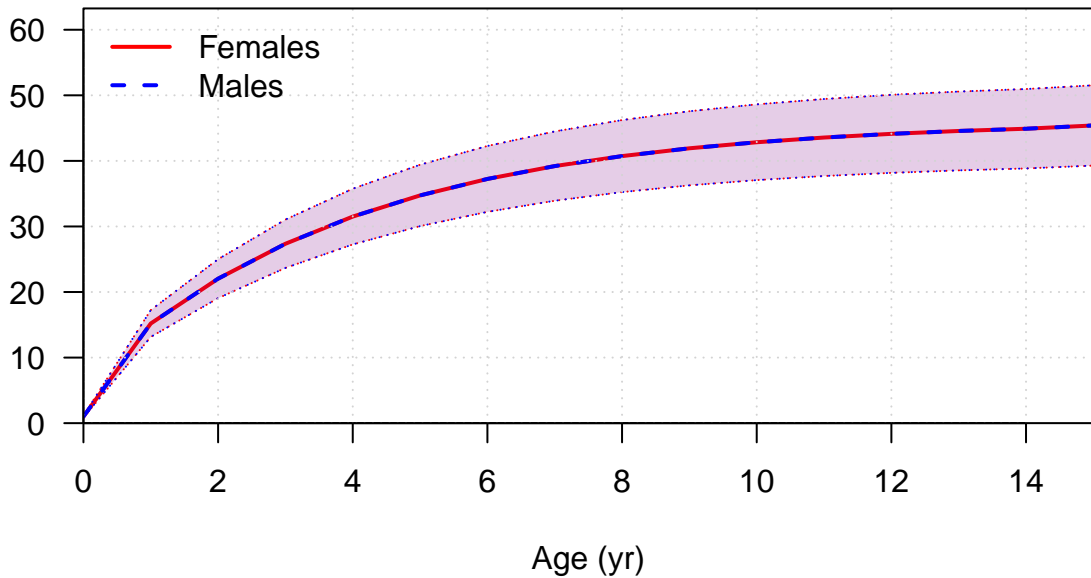
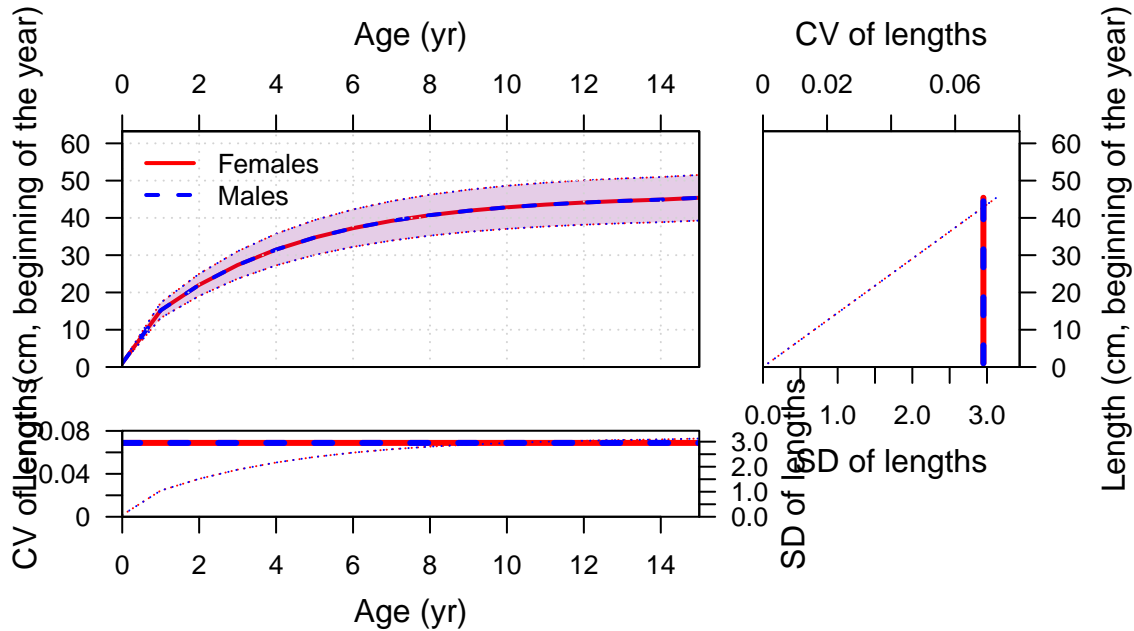
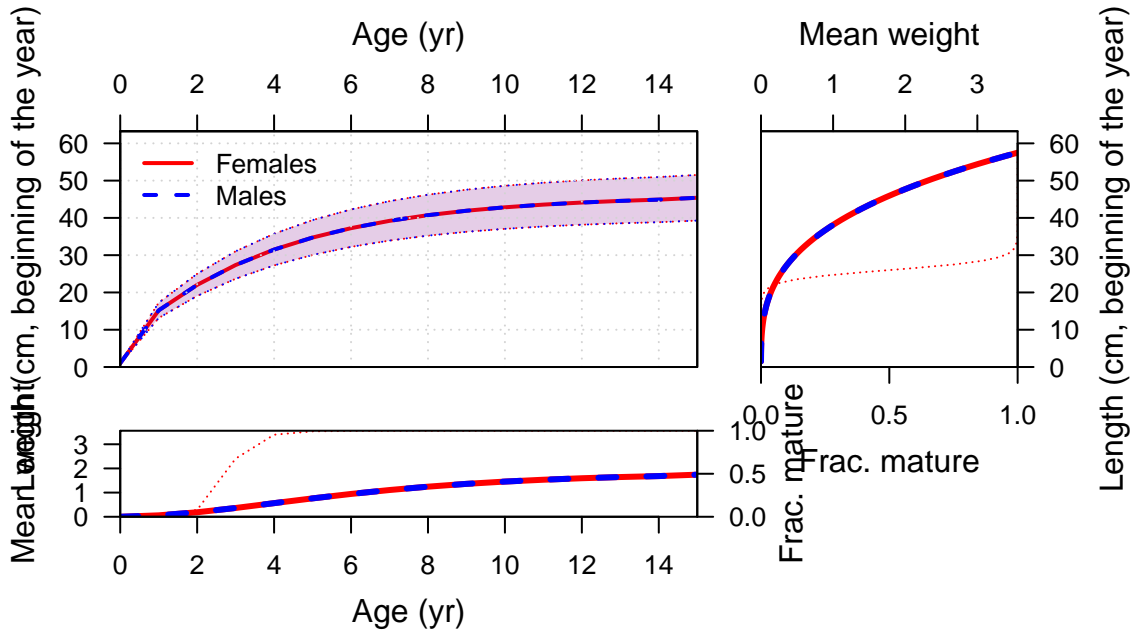


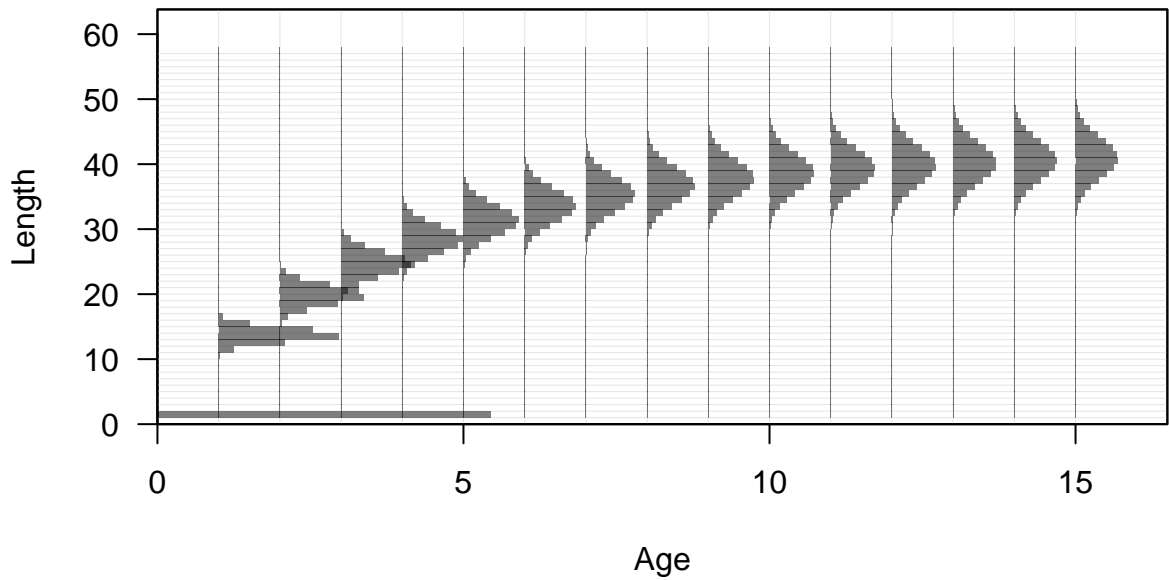
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Sun Feb 19 15:49:03 2023
Data_File: data.ss
Control_File: control.ss

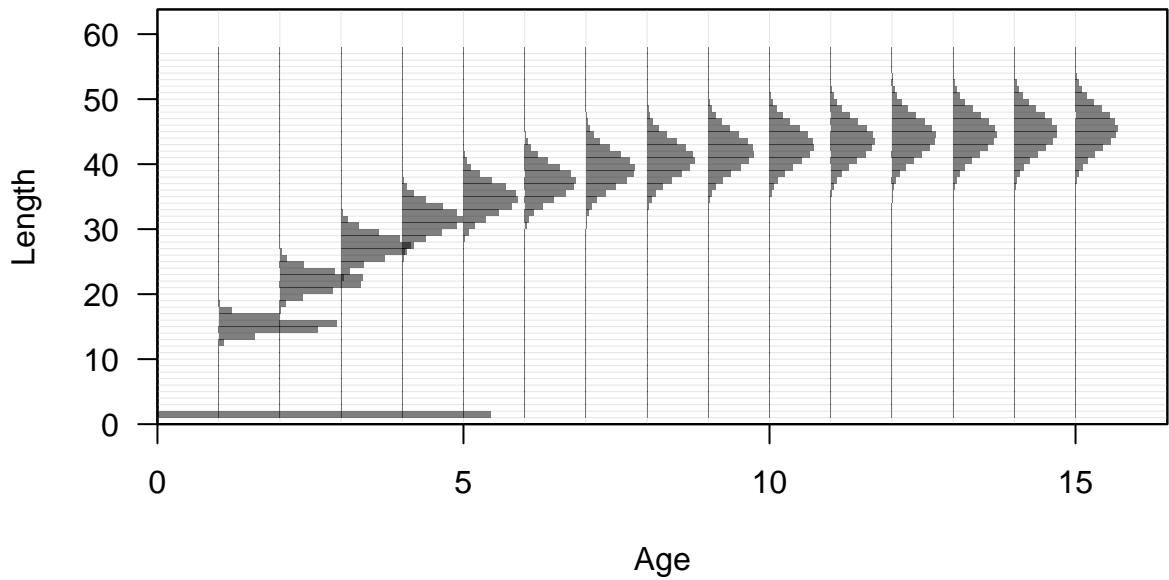
Length (cm, beginning of the year)

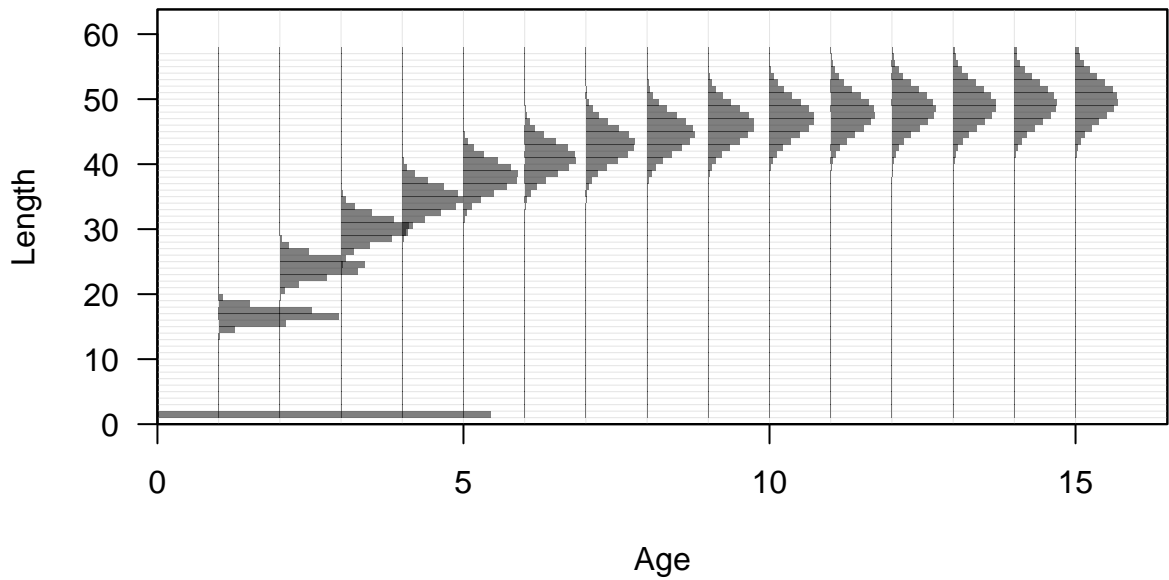


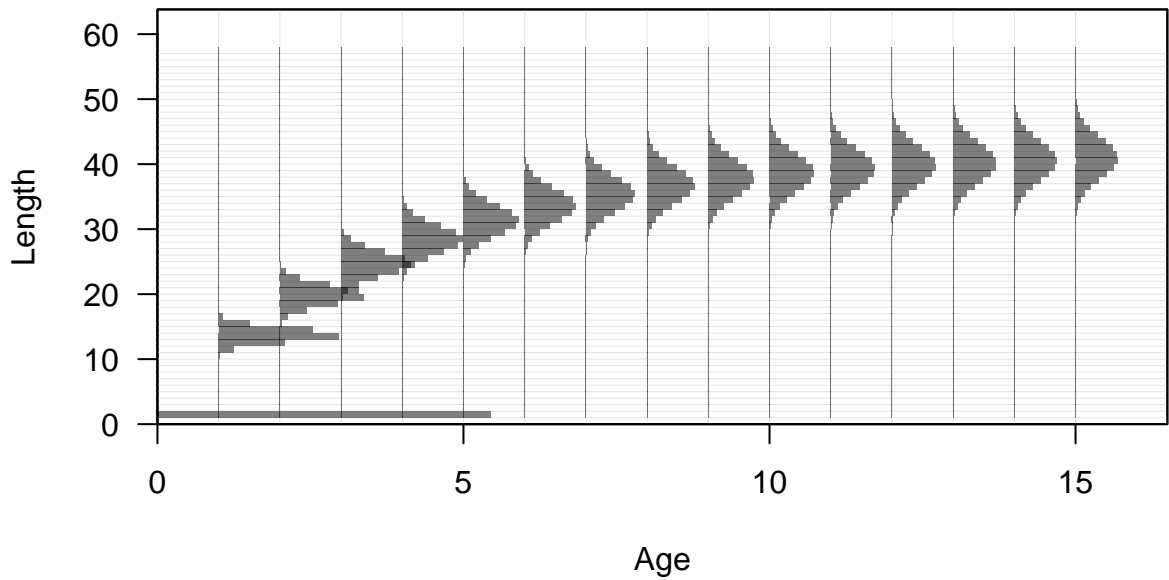


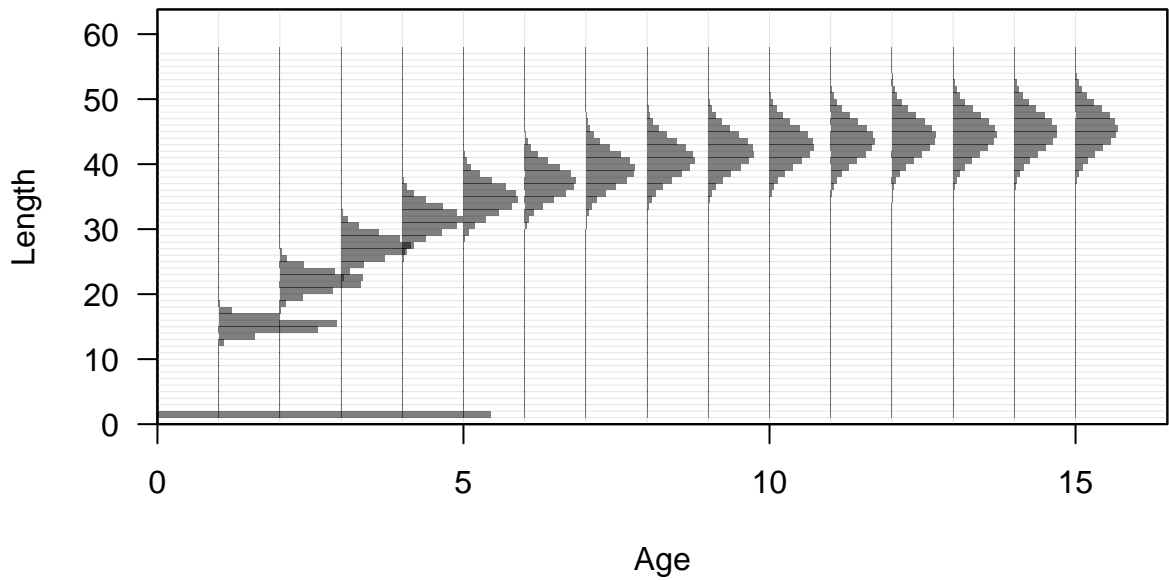


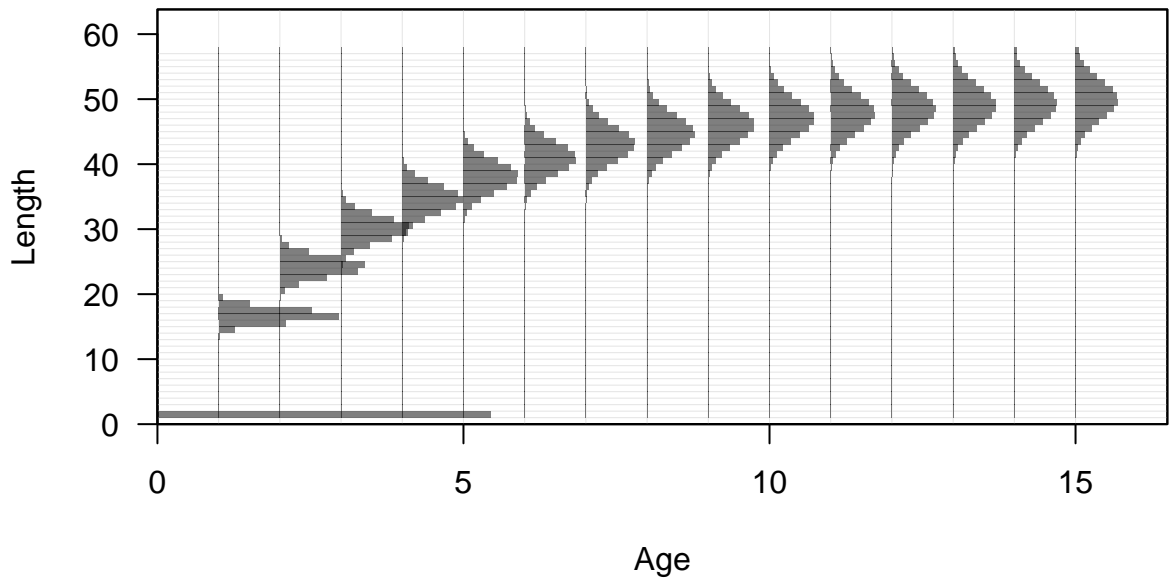


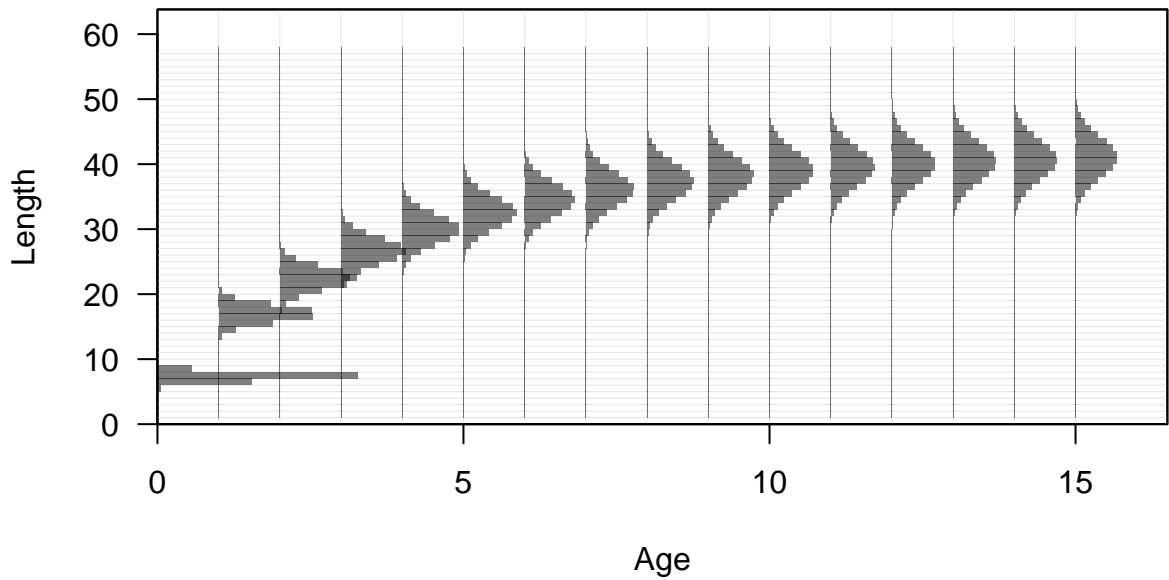


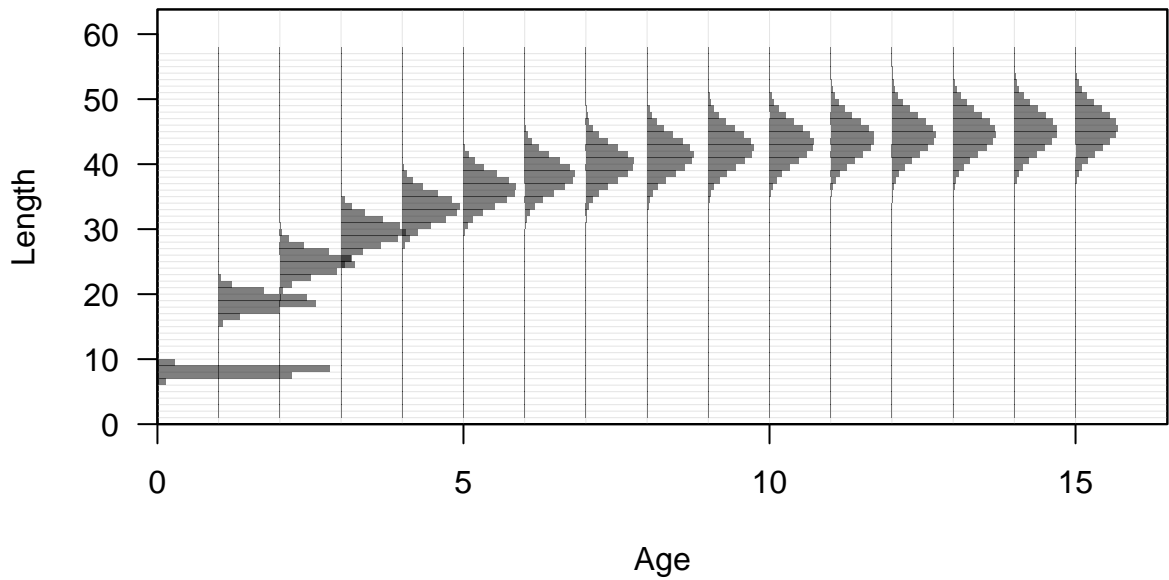


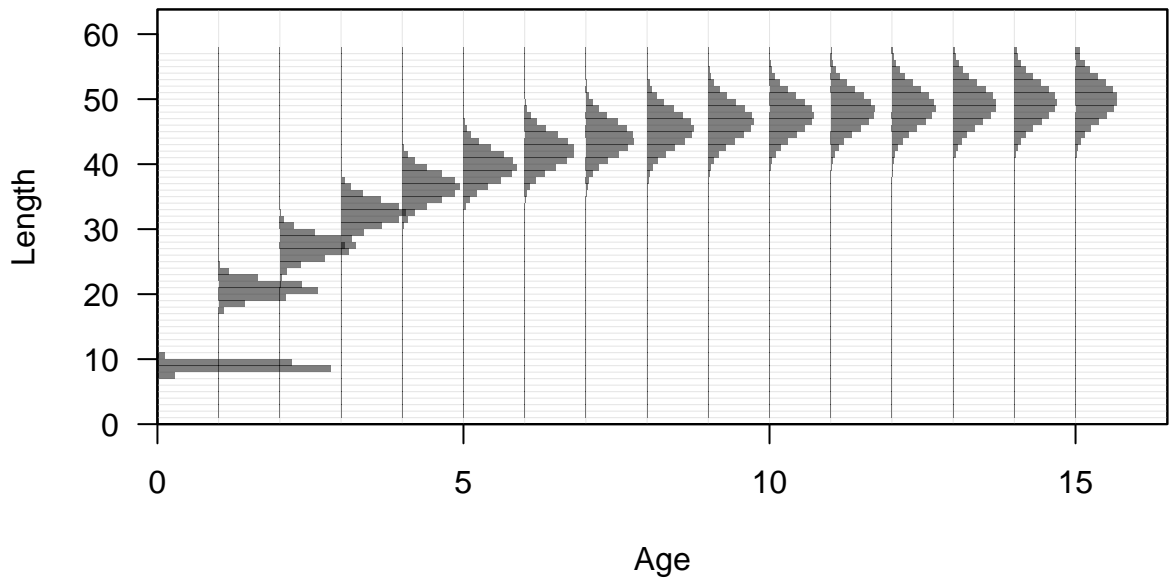


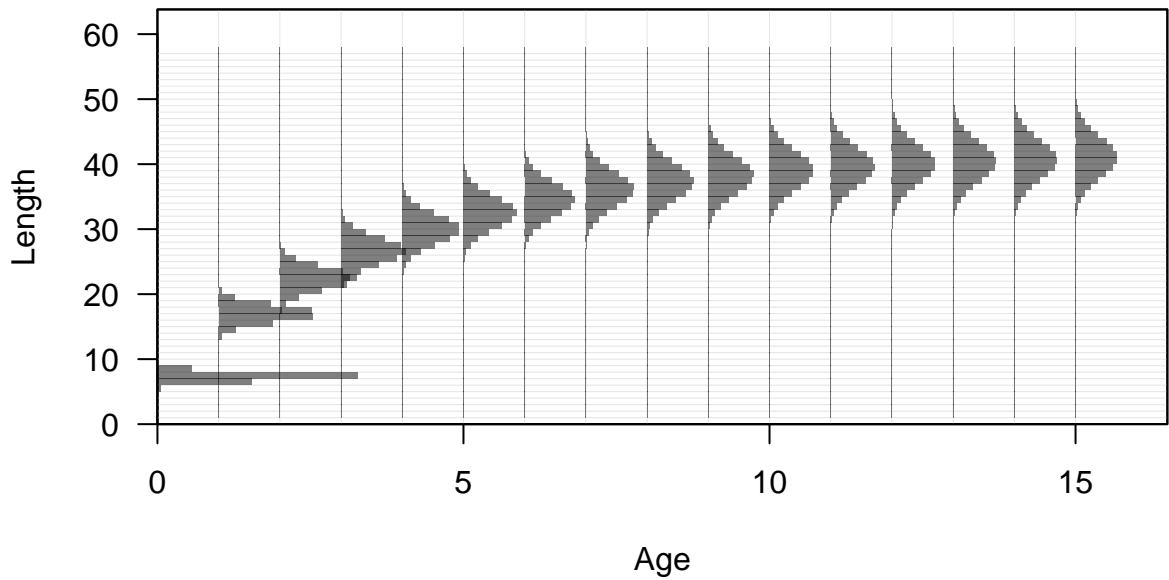


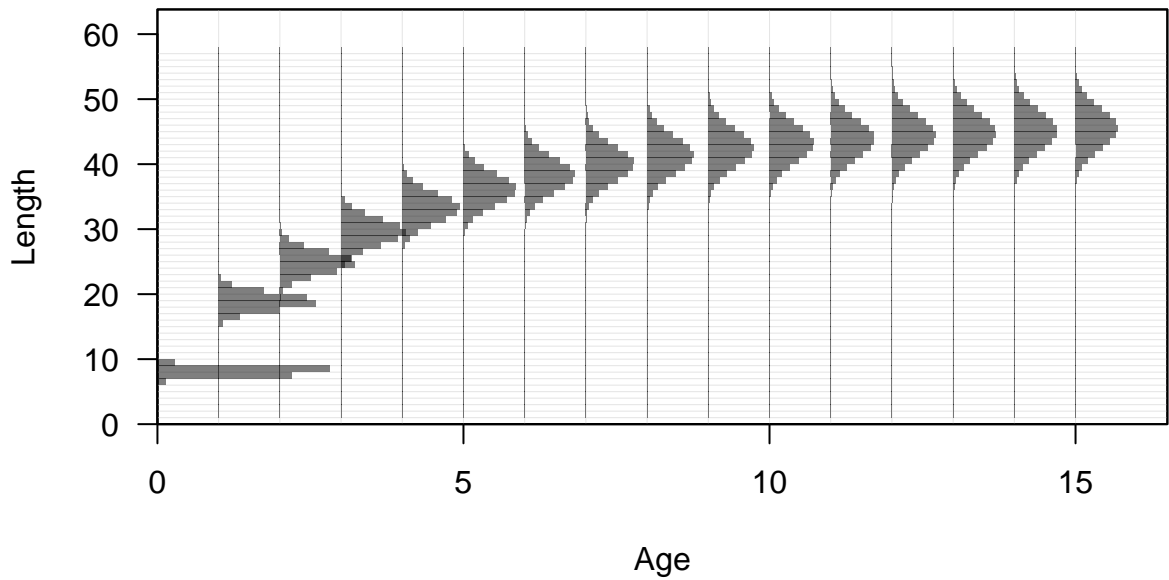


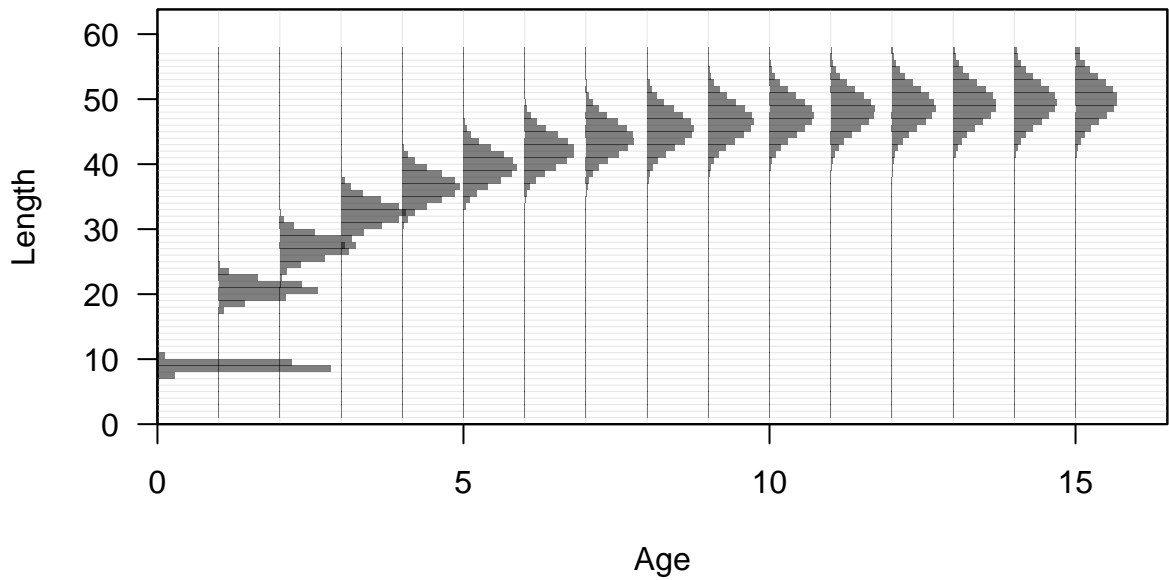








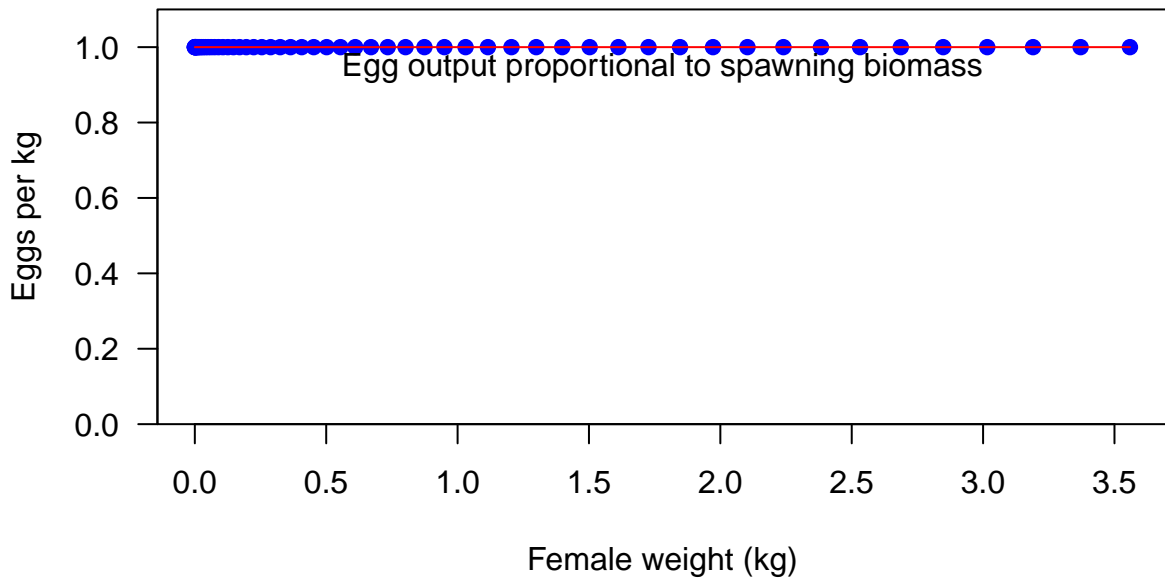












Fecundity



Fecundity



Spawning output

3

2

1

0

0

10

20

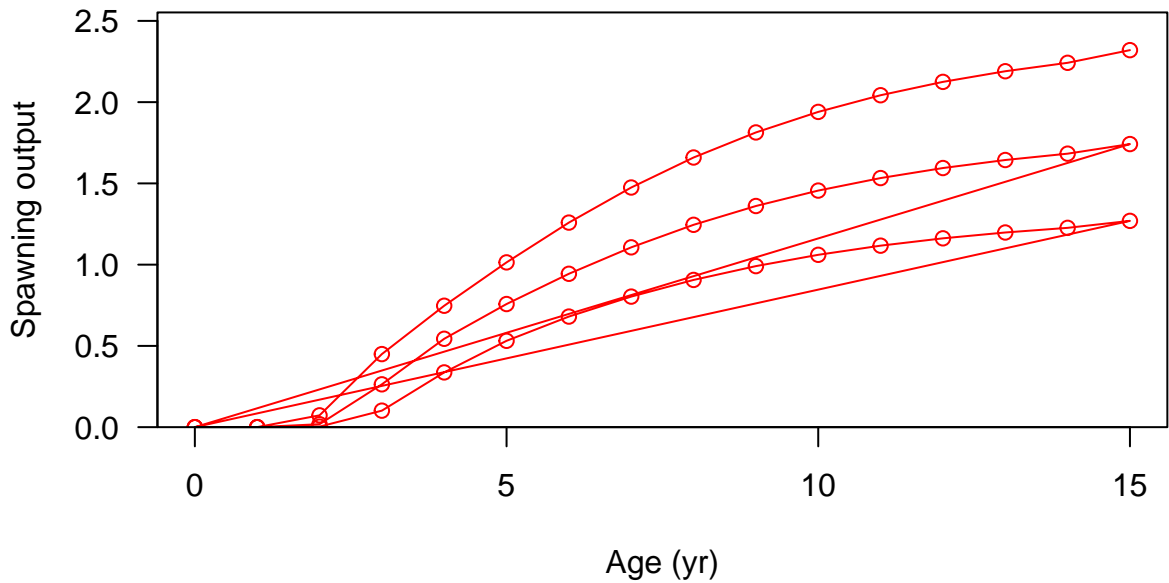
30

40

50

Length (cm)

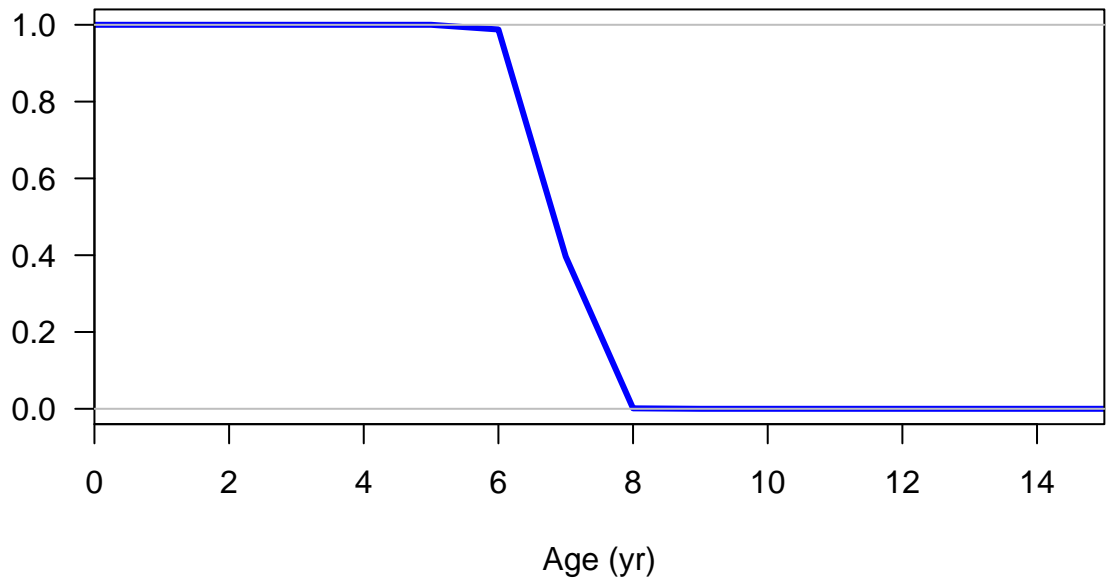




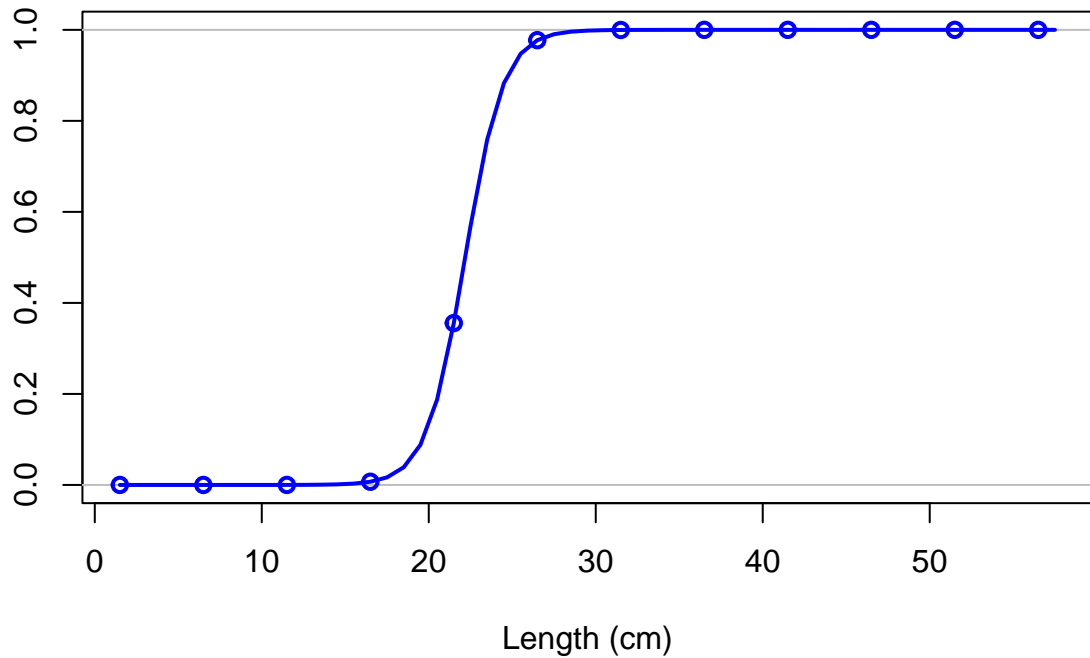
Hermaphroditism transition rate



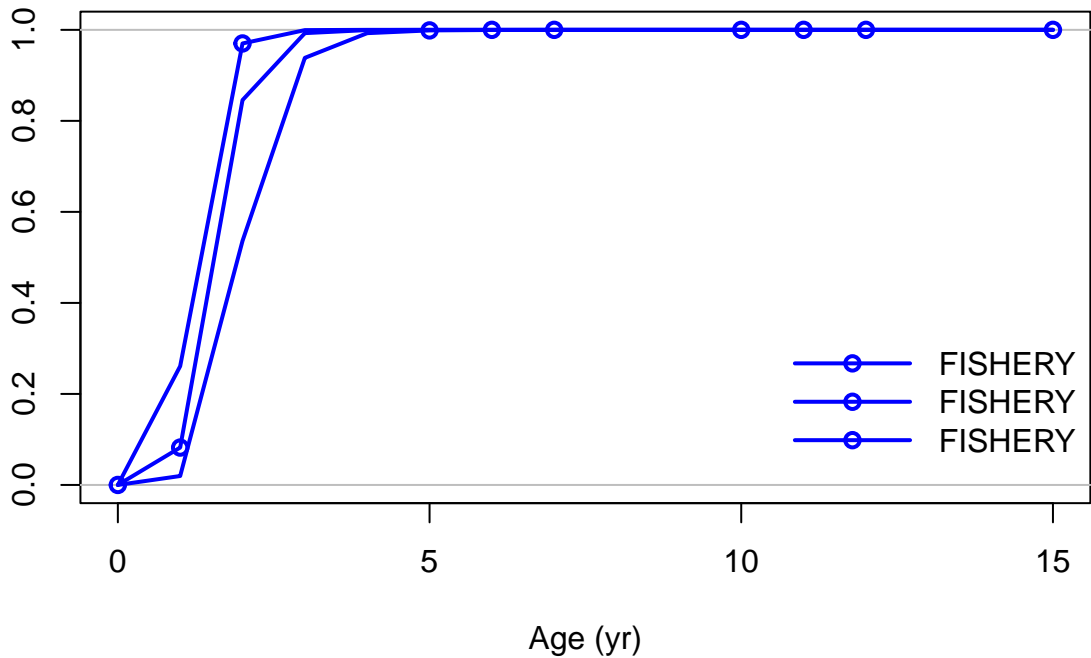
Fraction females by age at equilibrium



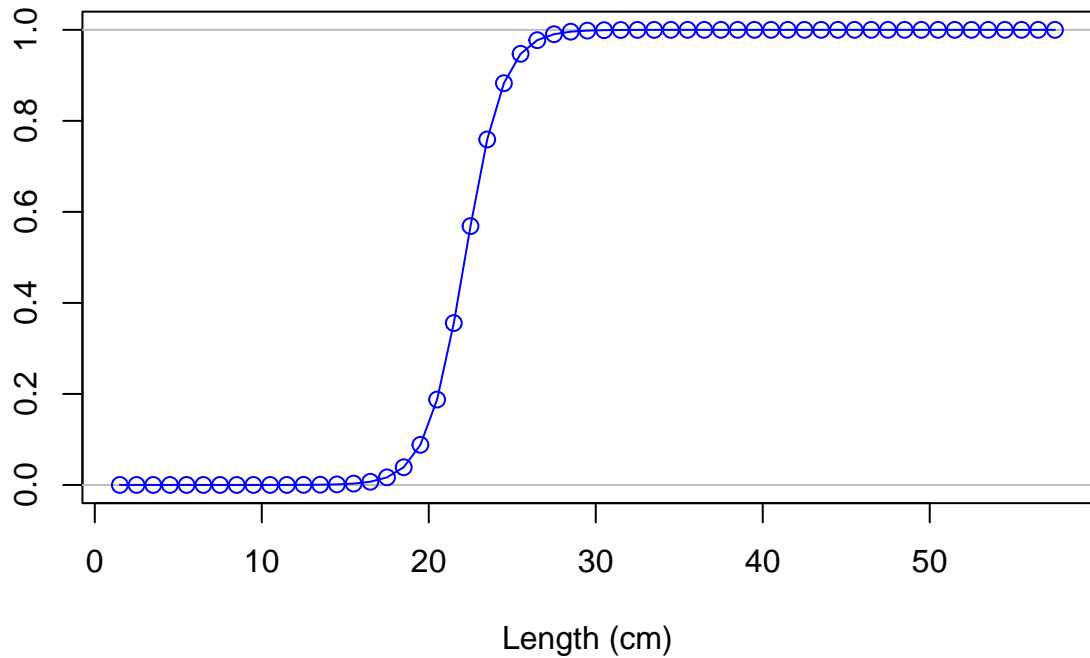
Selectivity



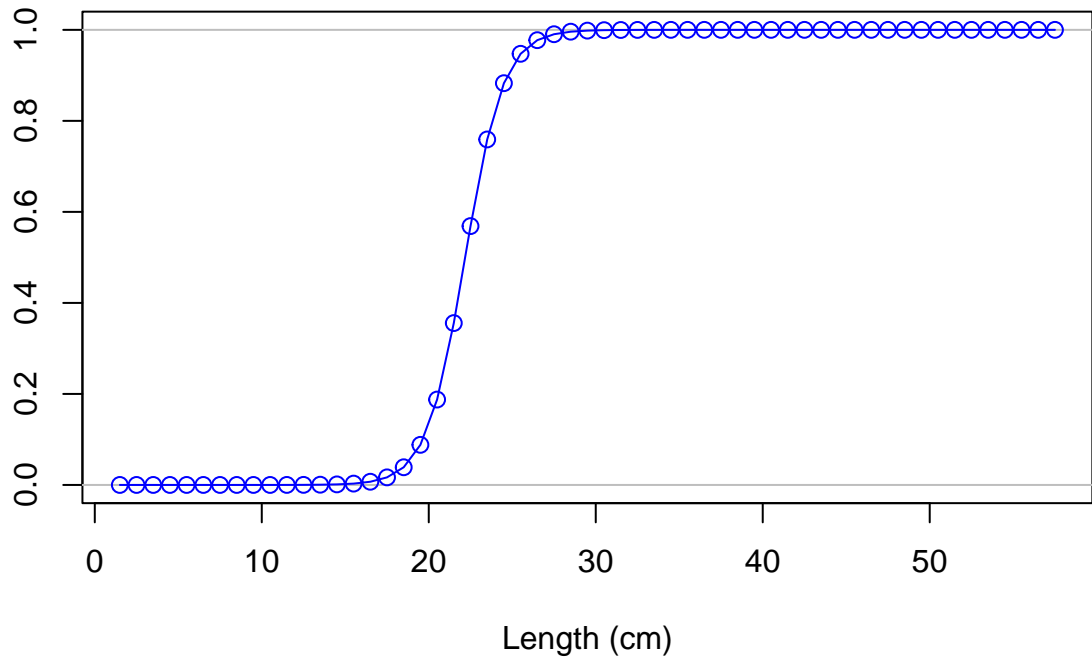
Selectivity

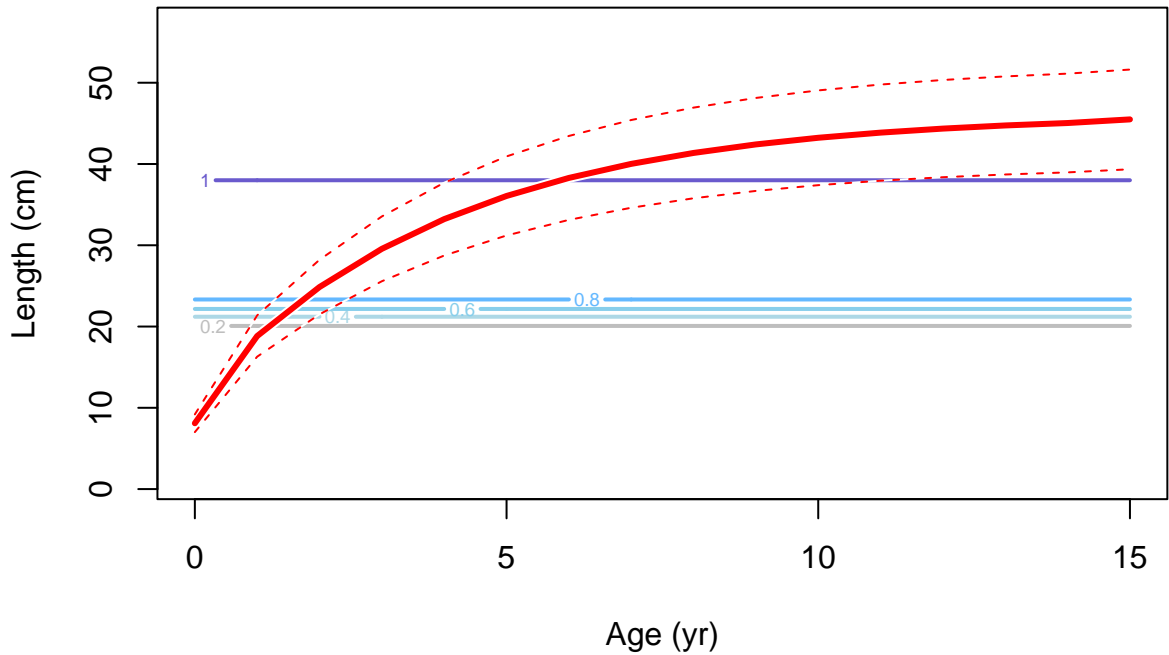


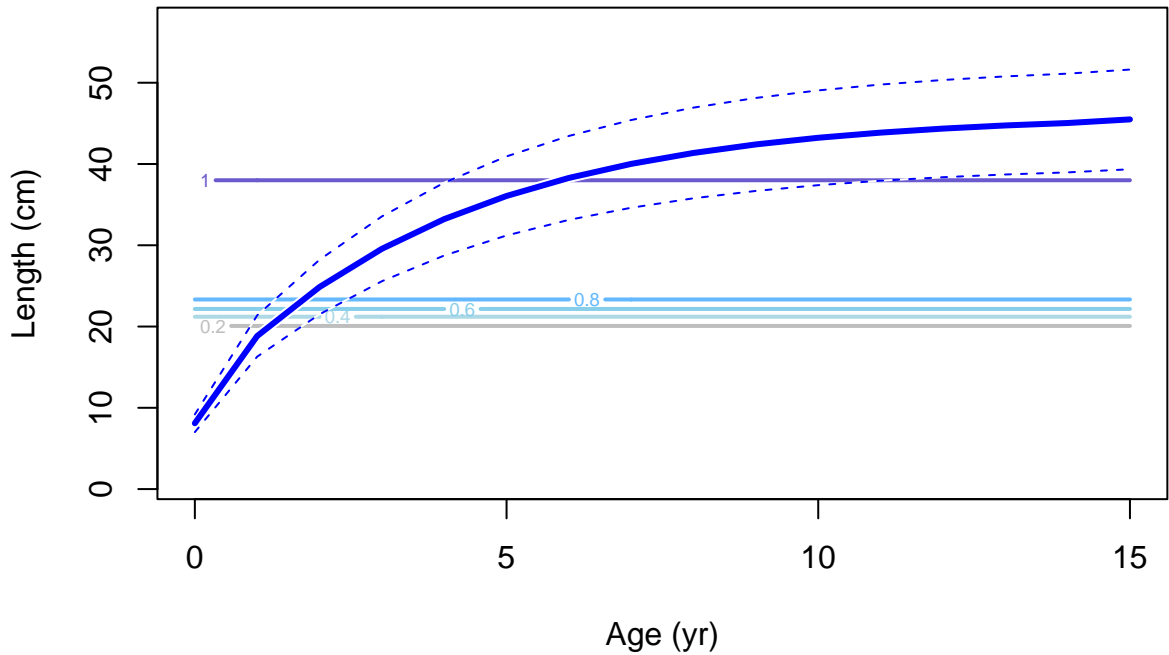
Selectivity



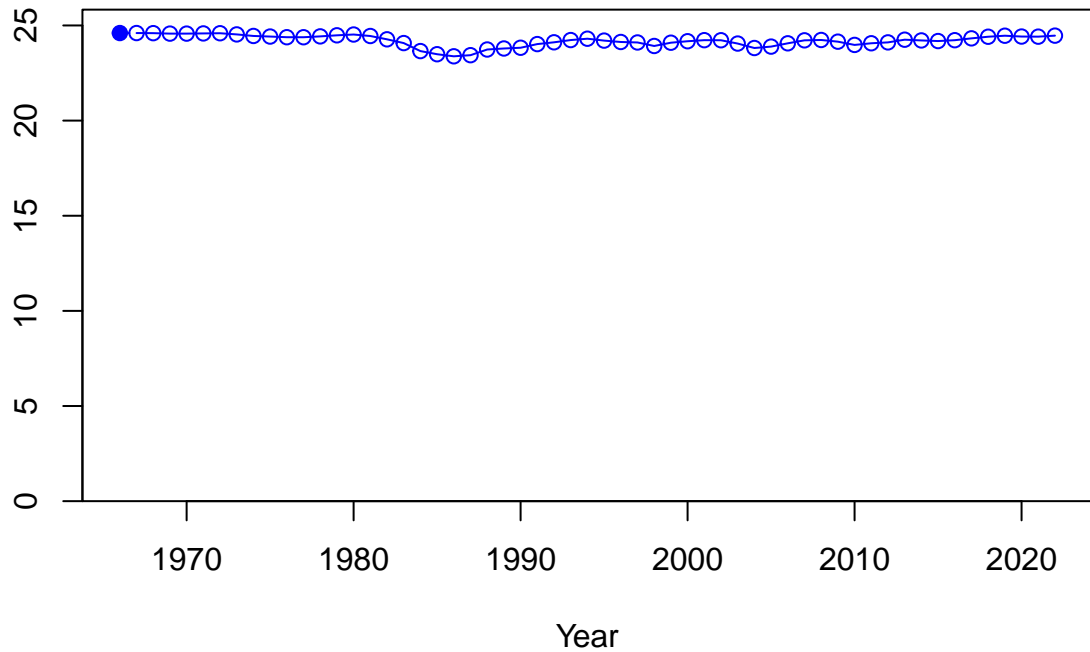
Selectivity



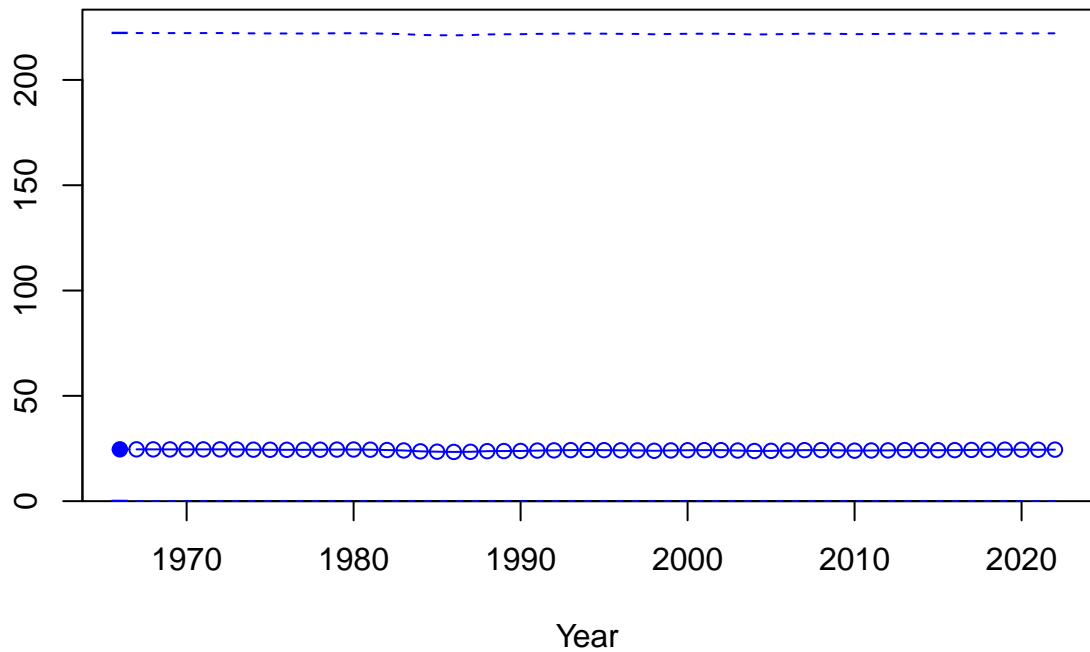




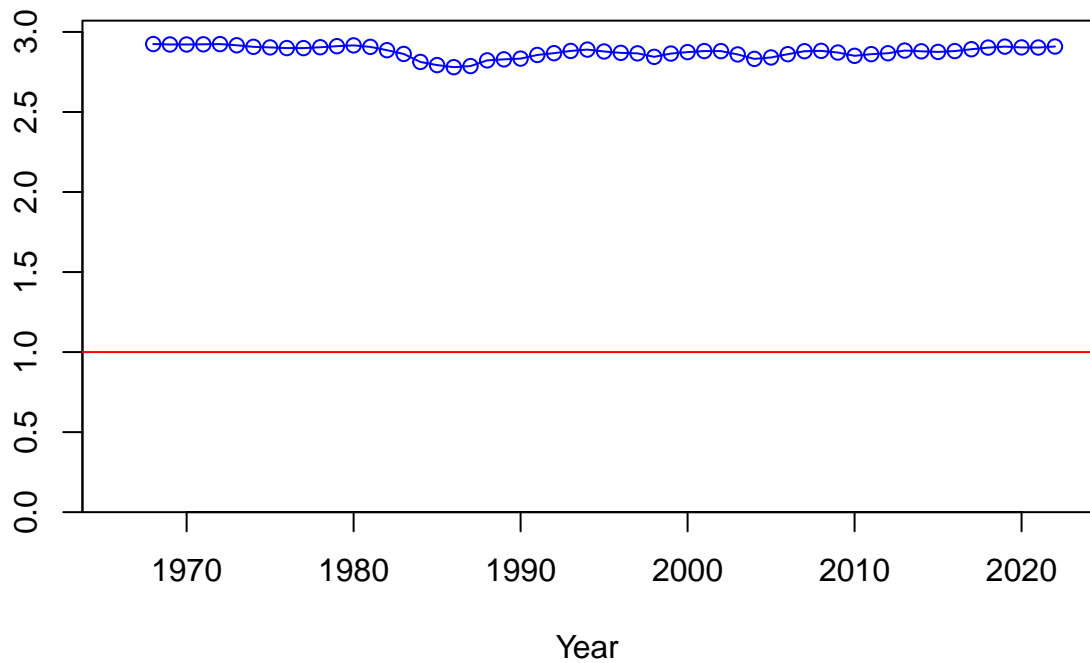
Spawning biomass (mt)



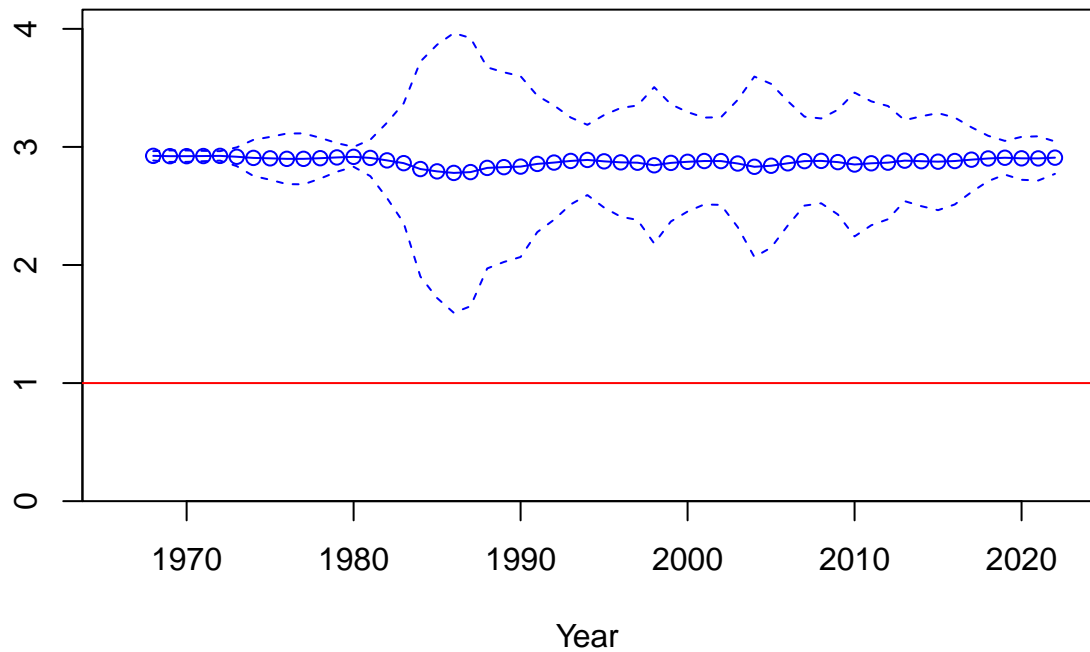
Spawning biomass (mt)

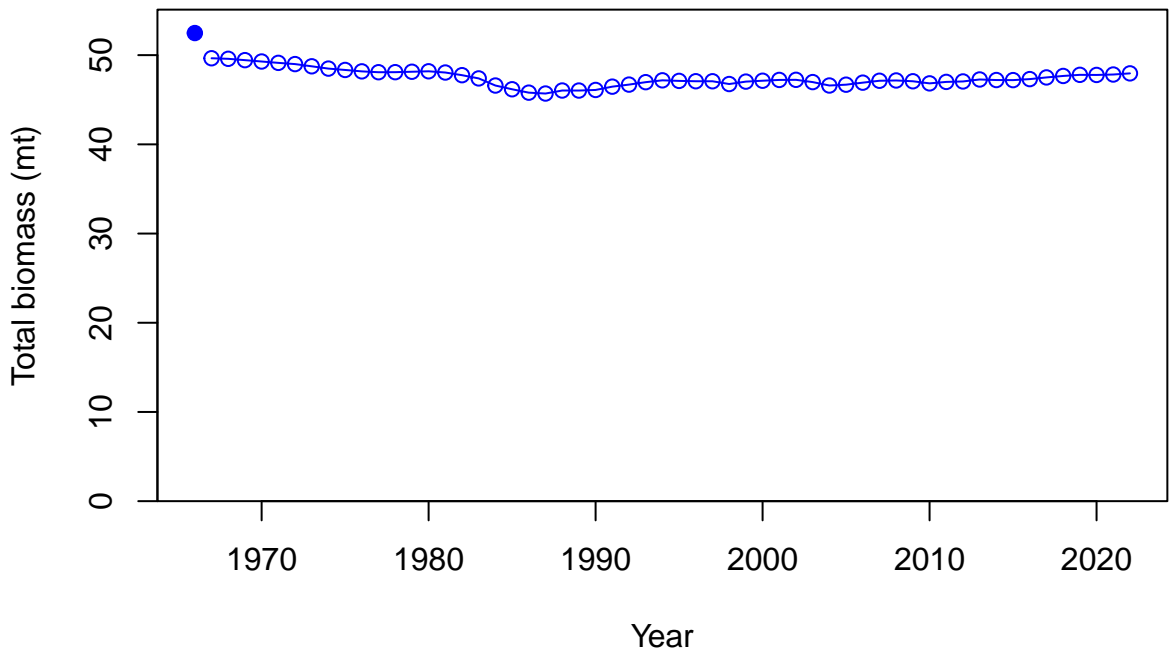


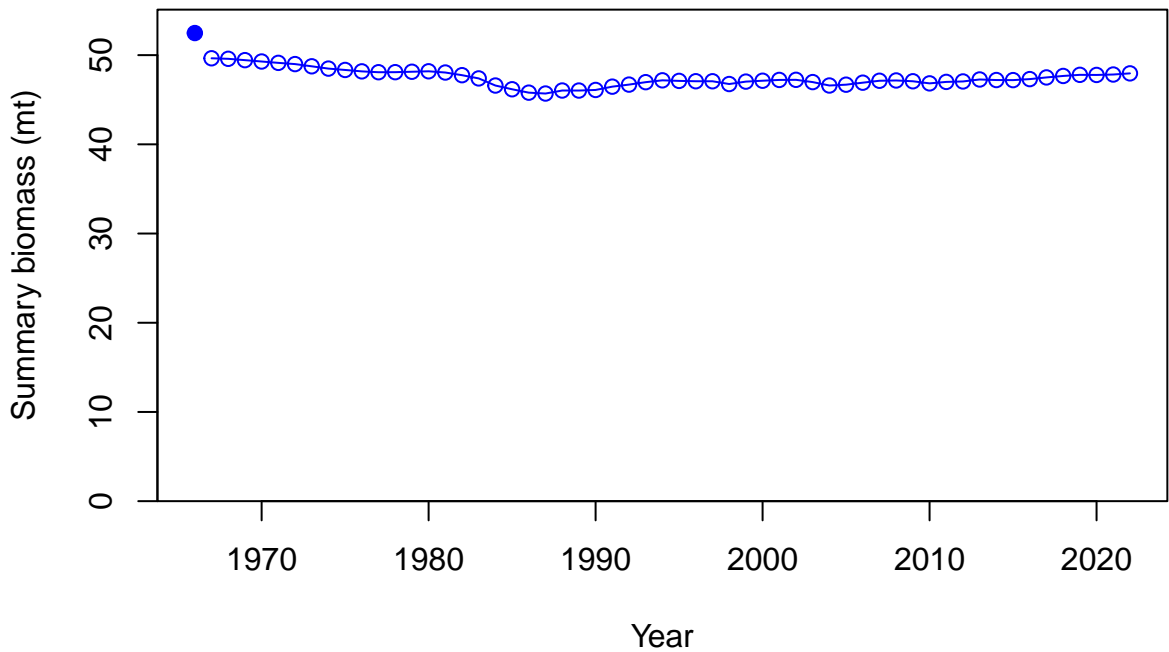
Relative spawning biomass: B/B_MSY

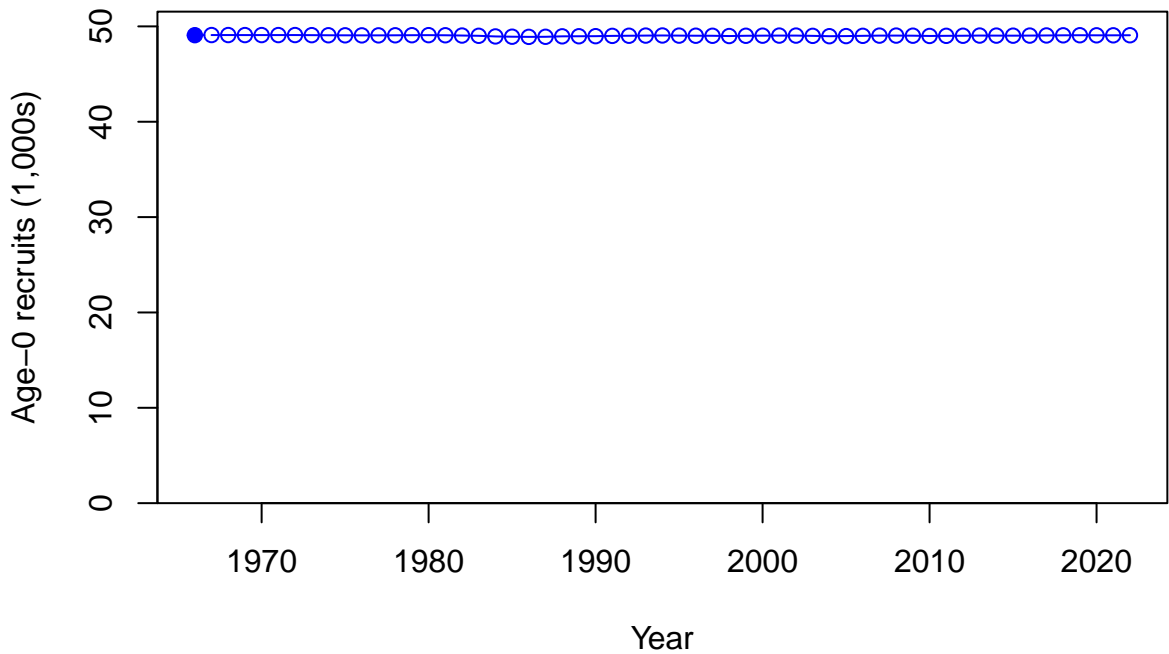


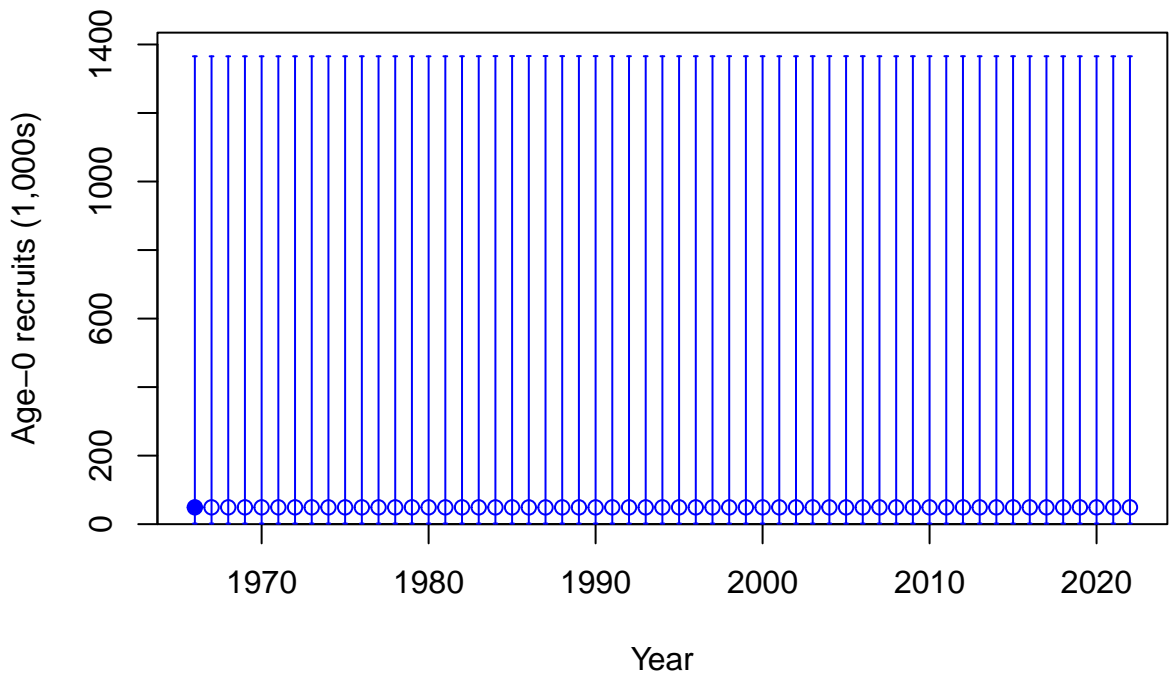
Relative spawning biomass: B/B_{MSY}



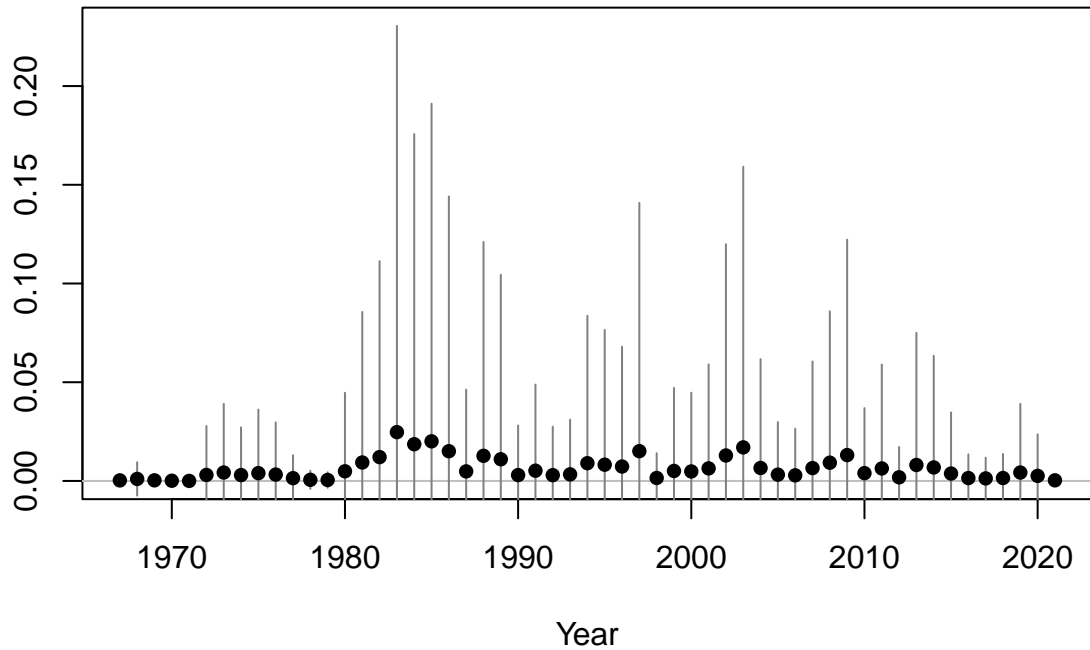


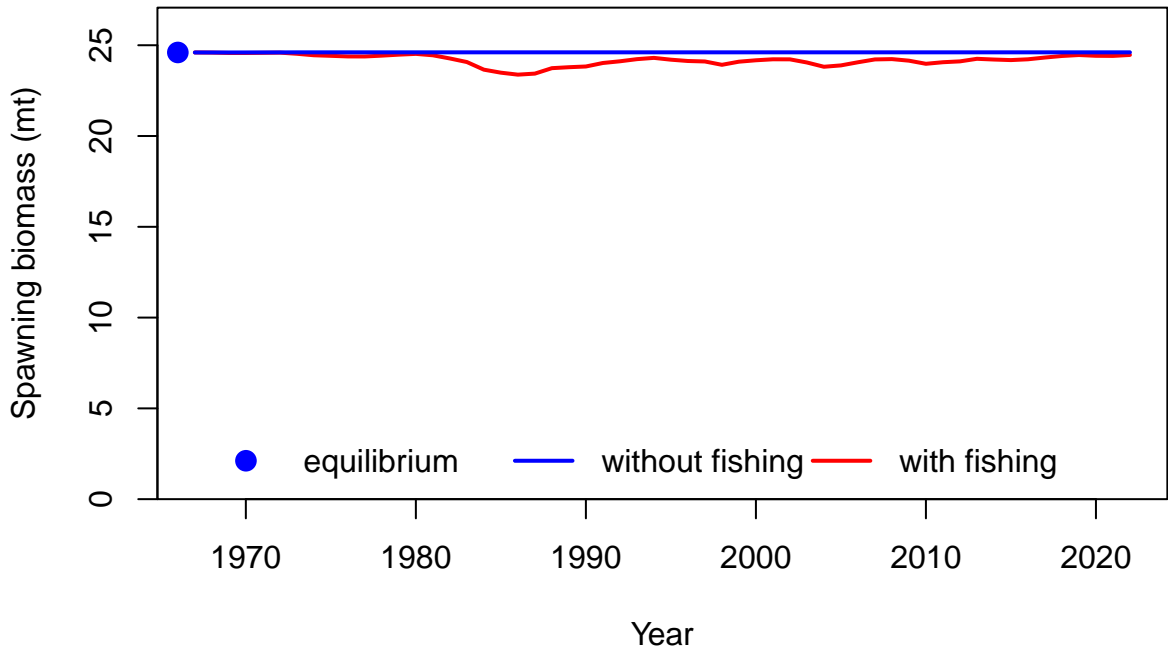


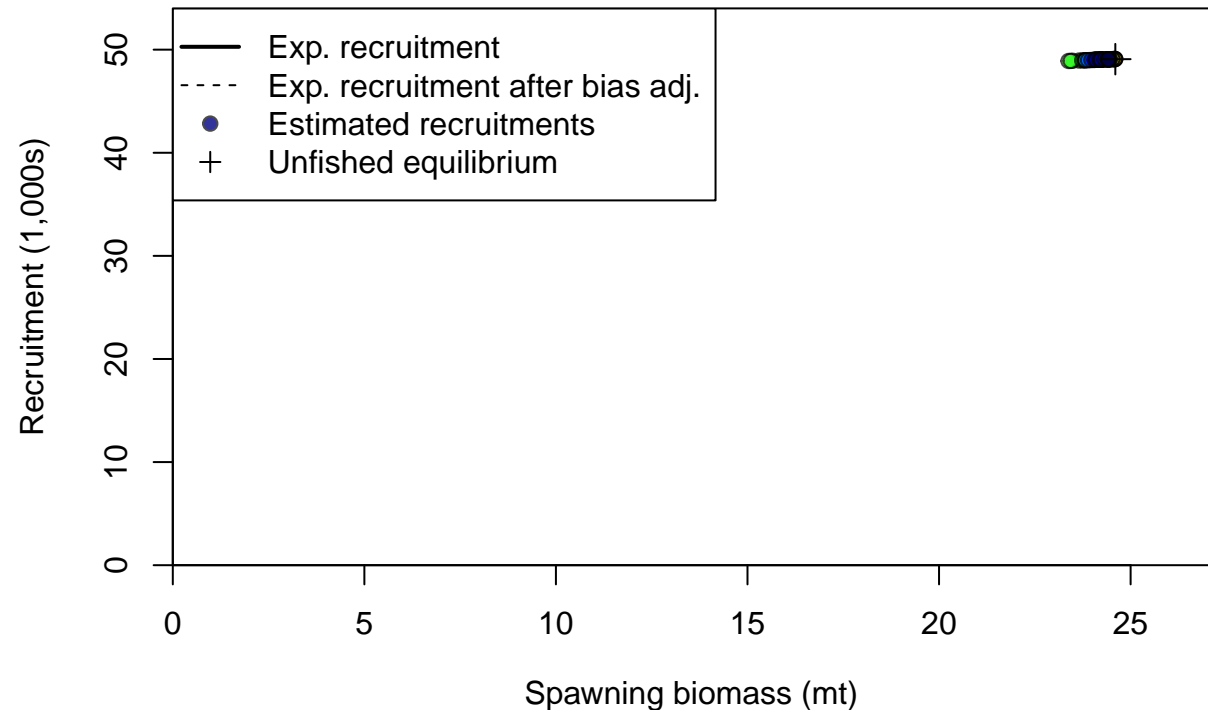


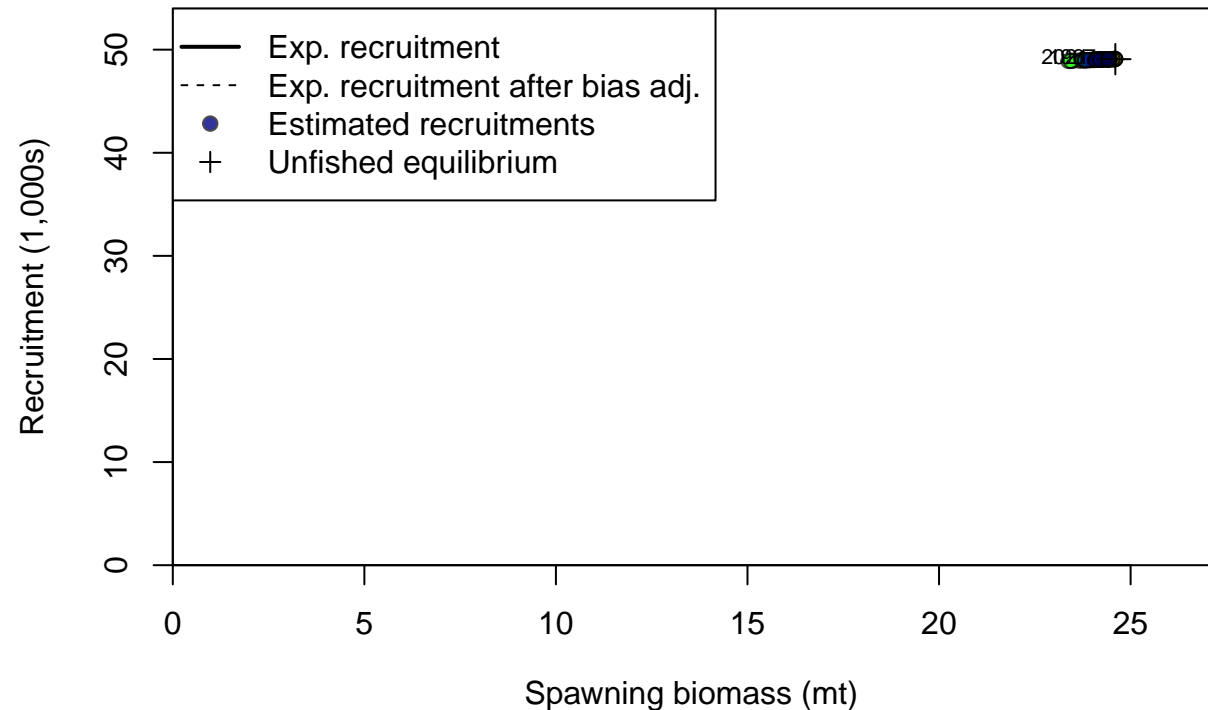


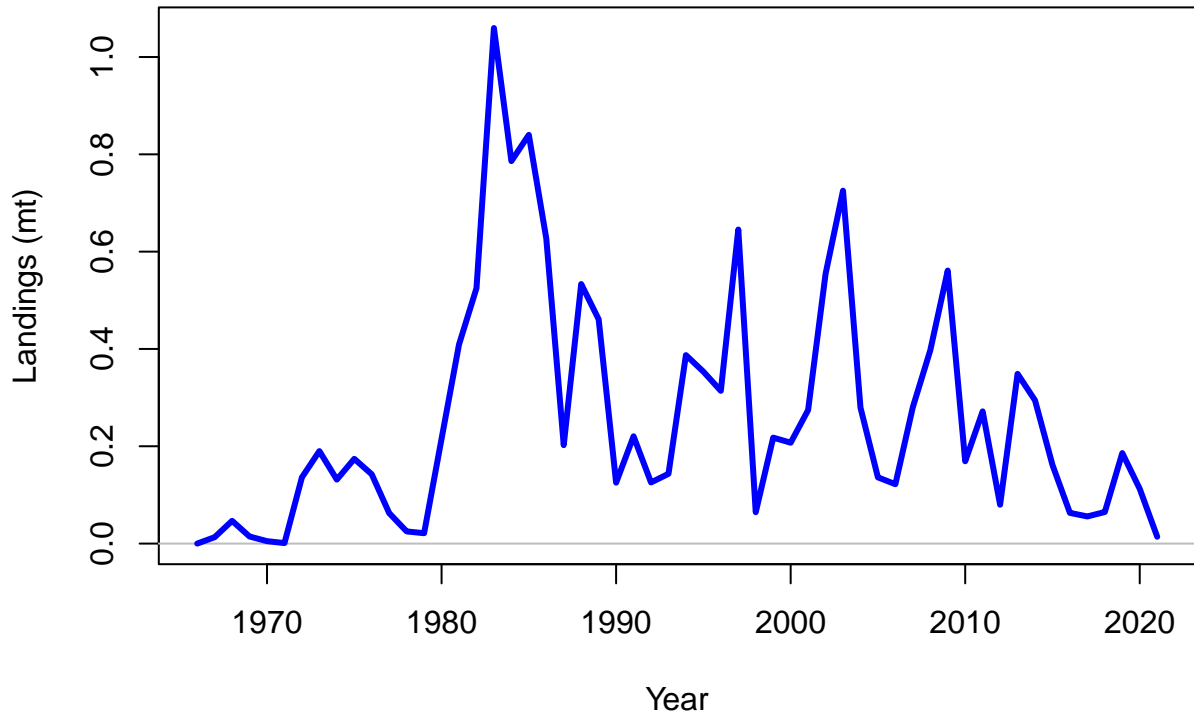
Summary Fishing Mortality

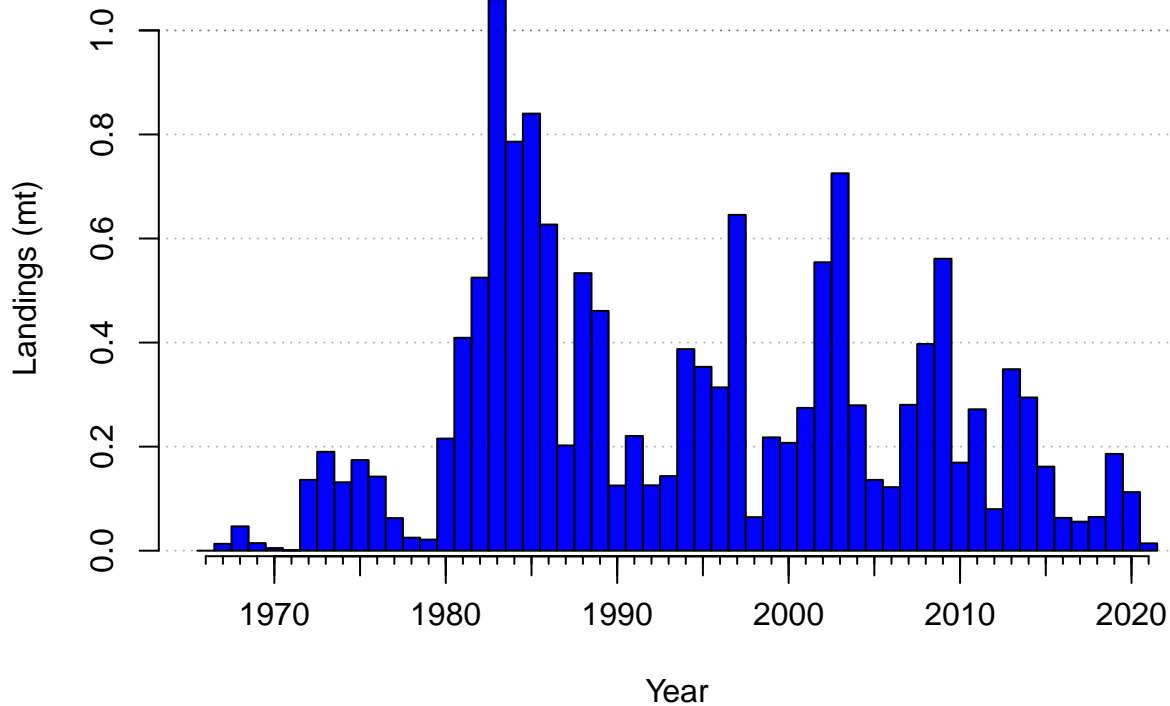


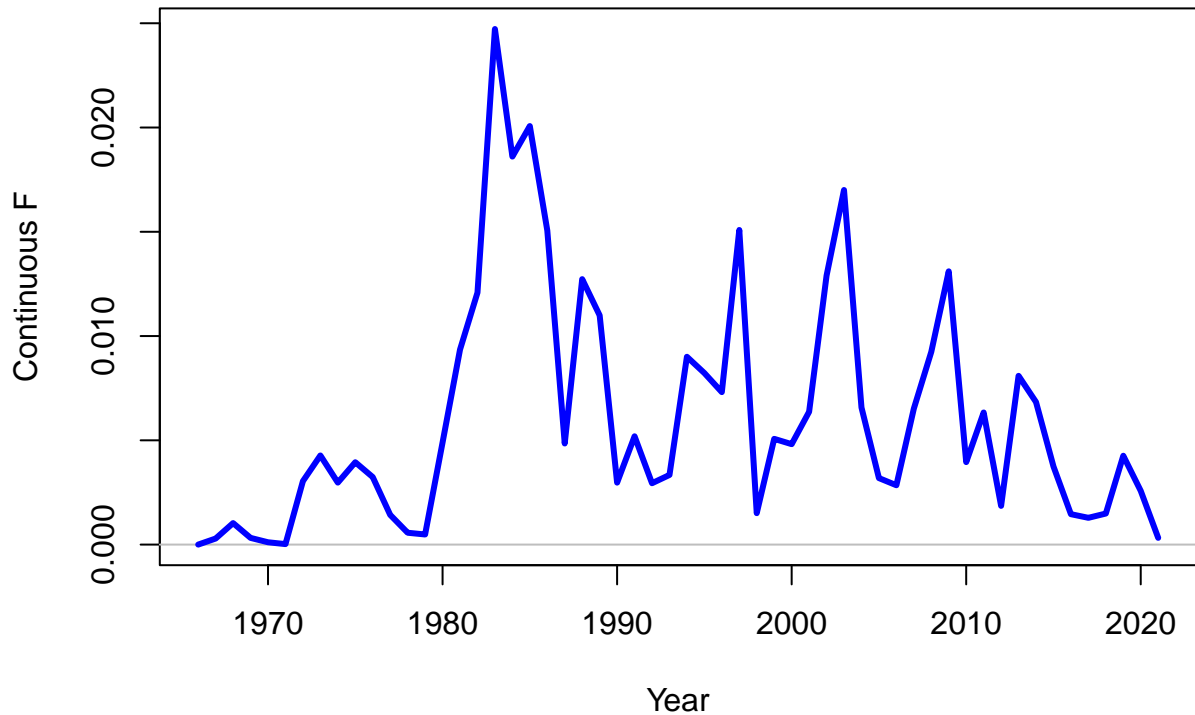




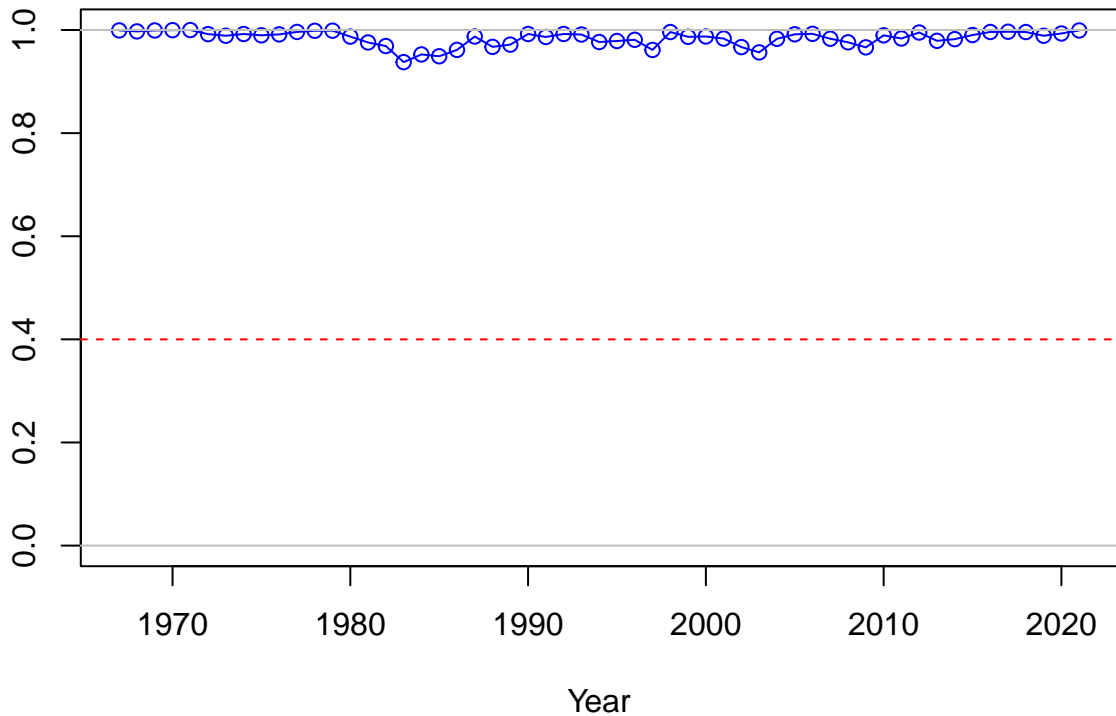


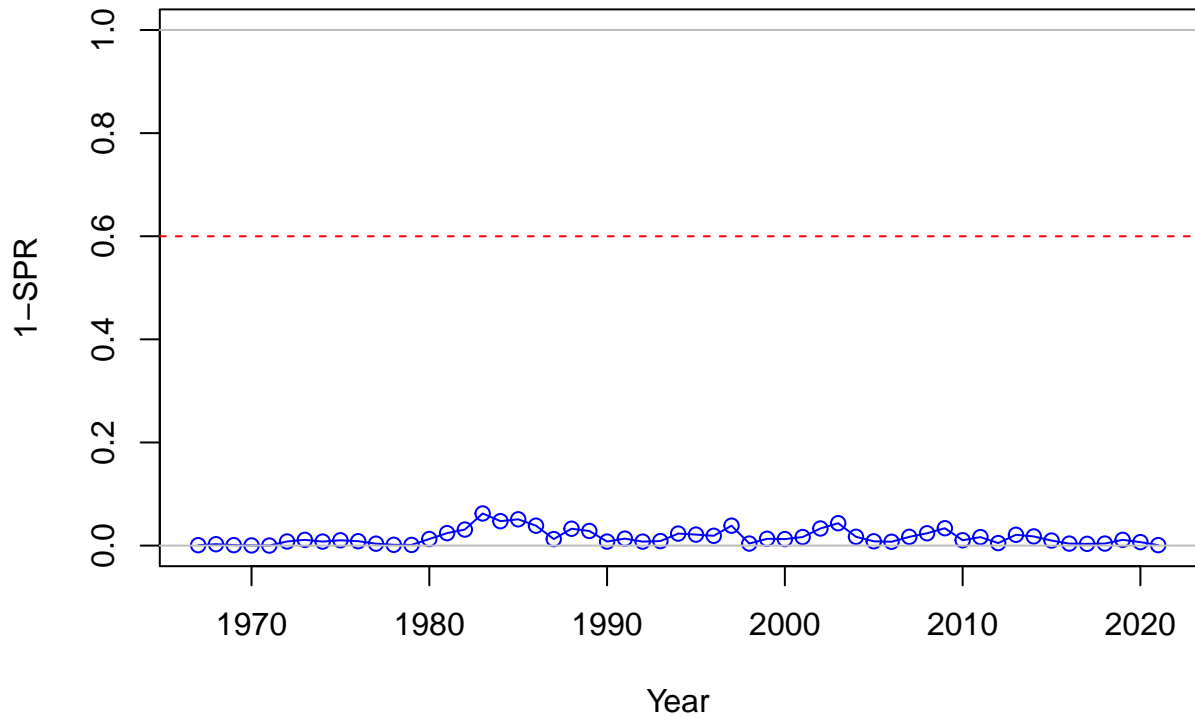




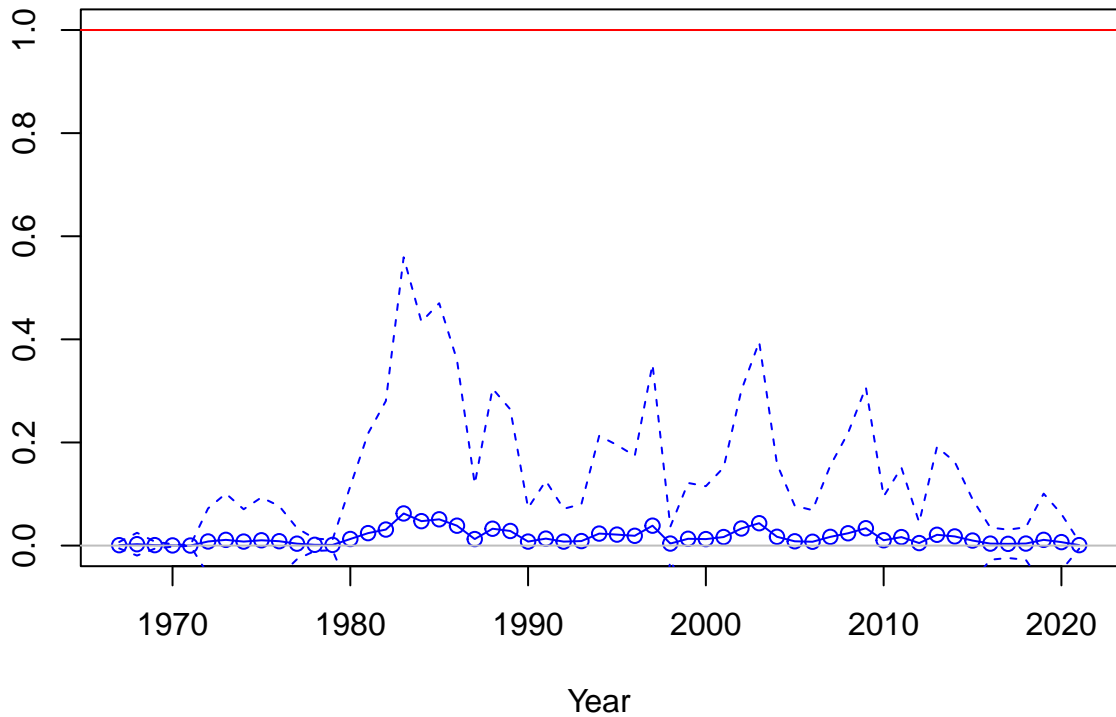


SPR

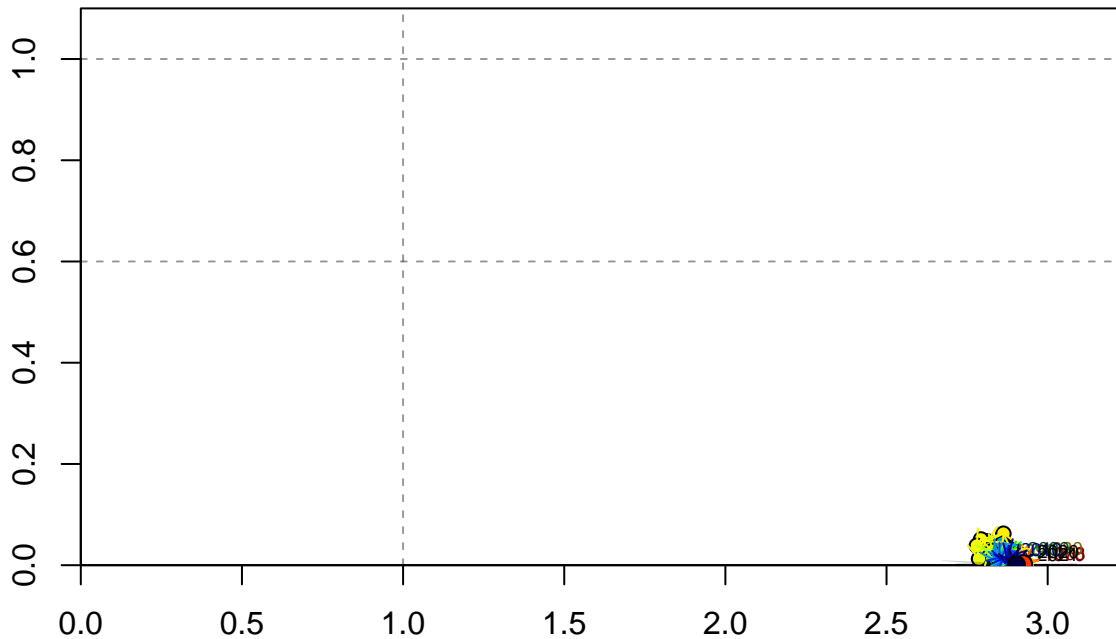




Fishing intensity: 1-SPR

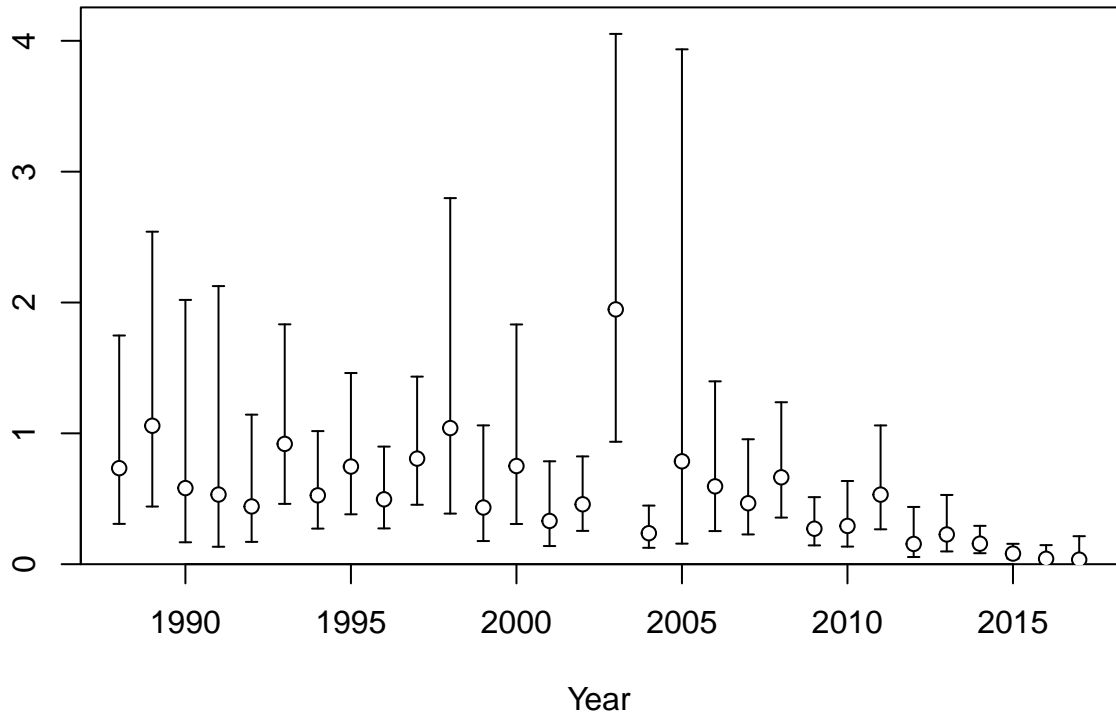


Fishing intensity: 1-SPR

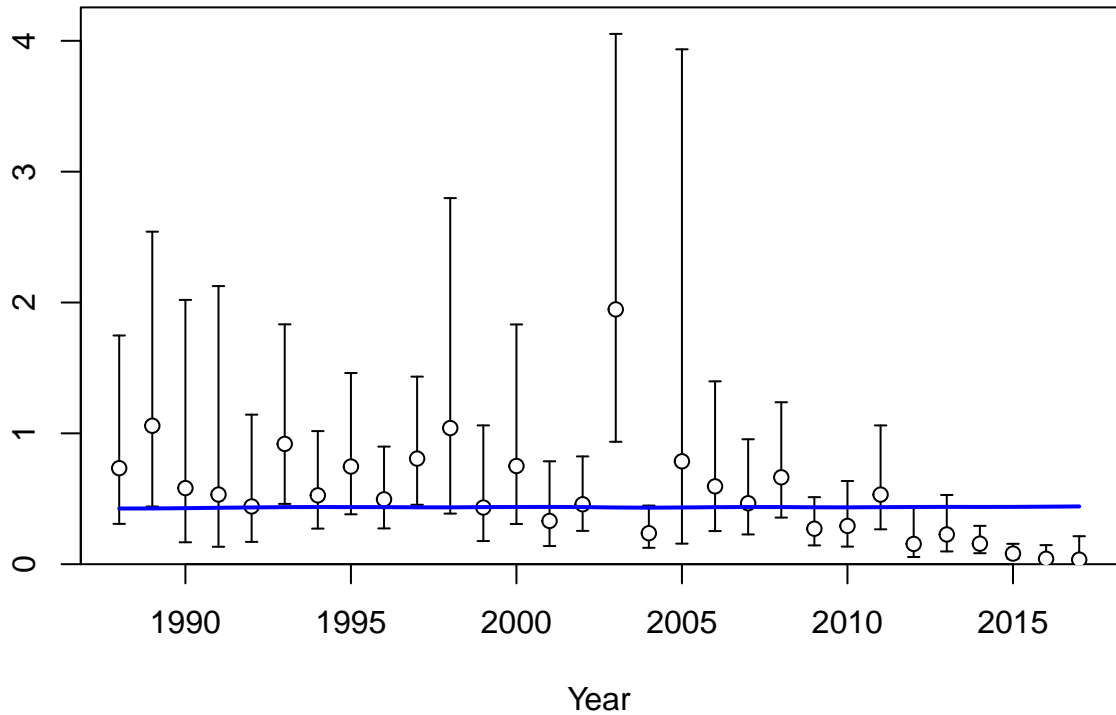


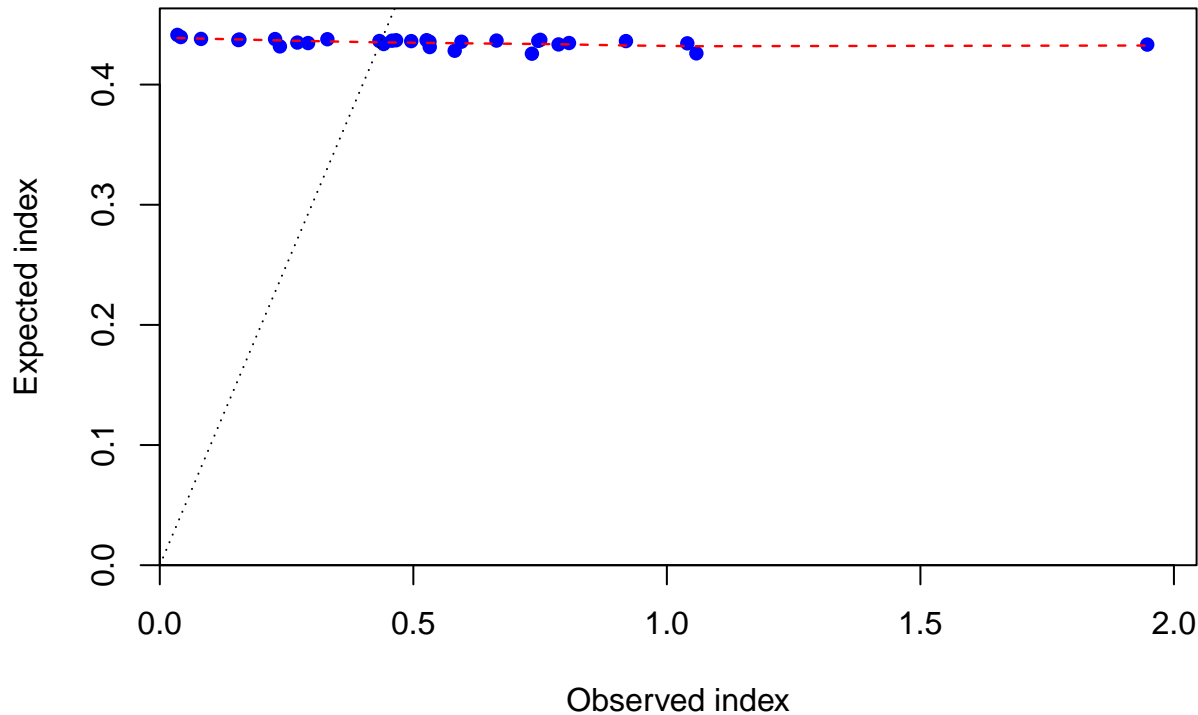
Relative spawning output: B/B_{MSY}

Index

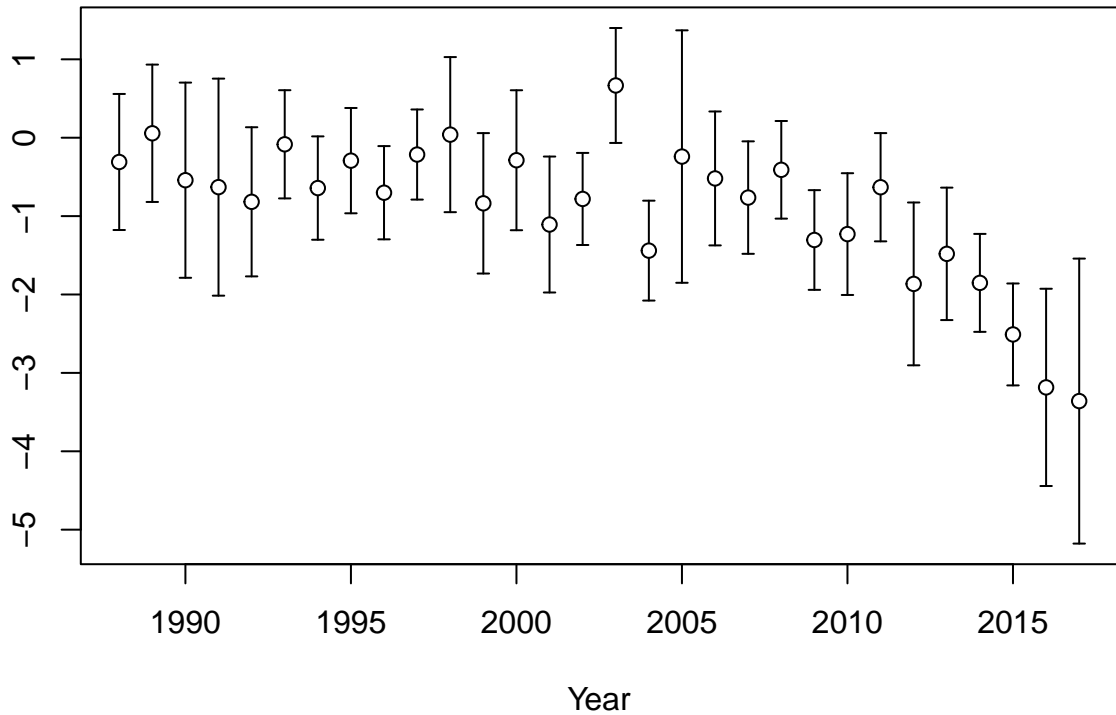


Index

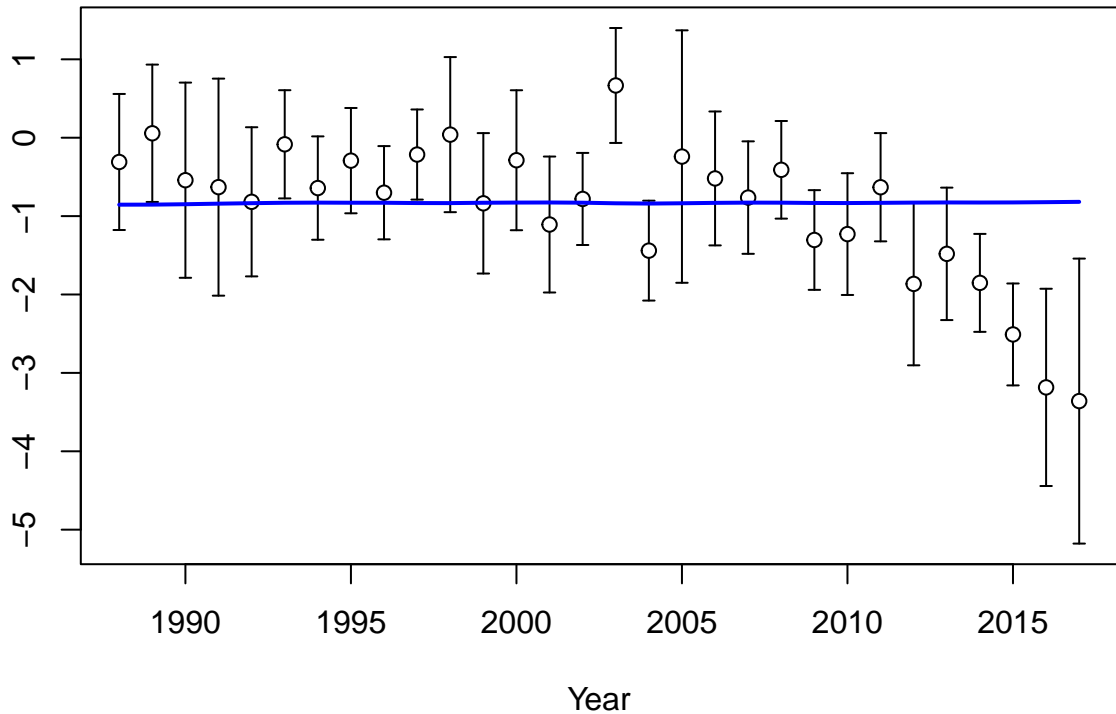


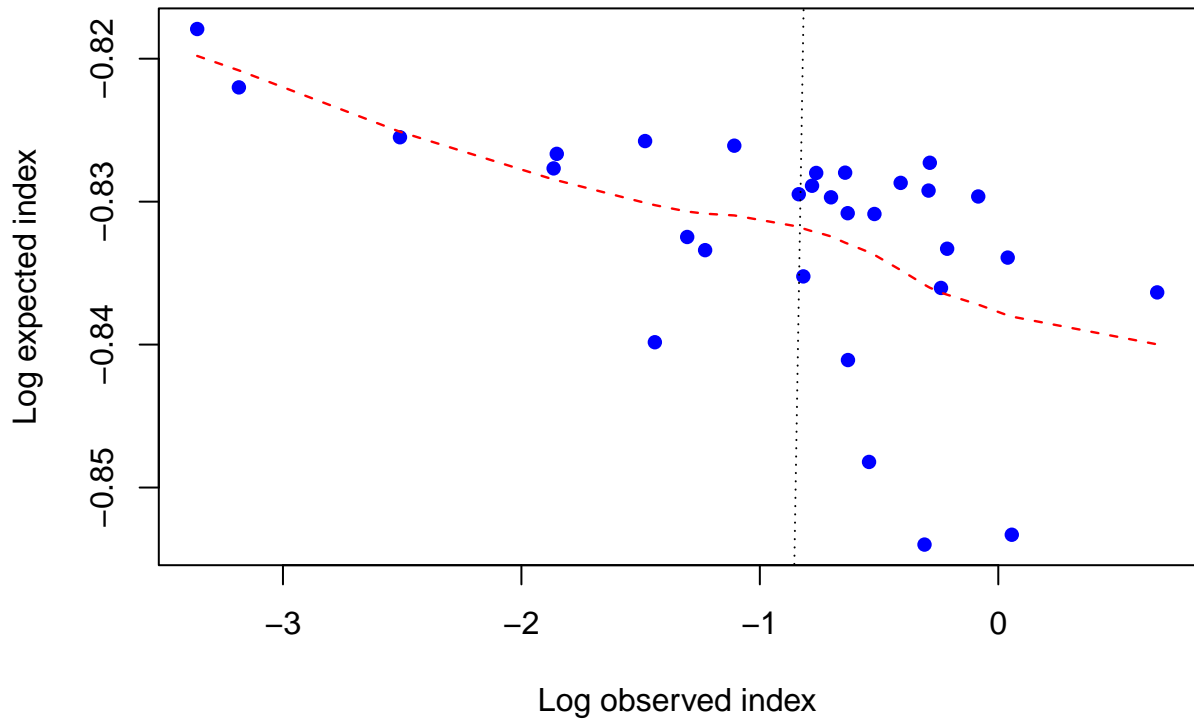


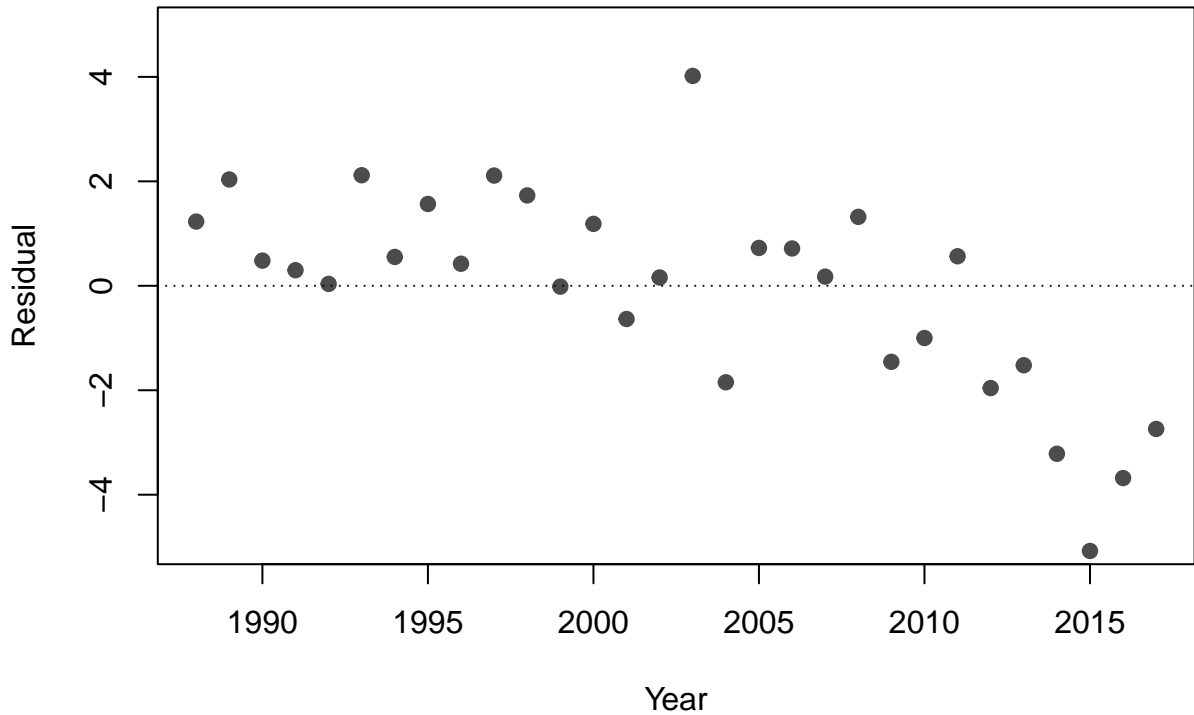
Log index

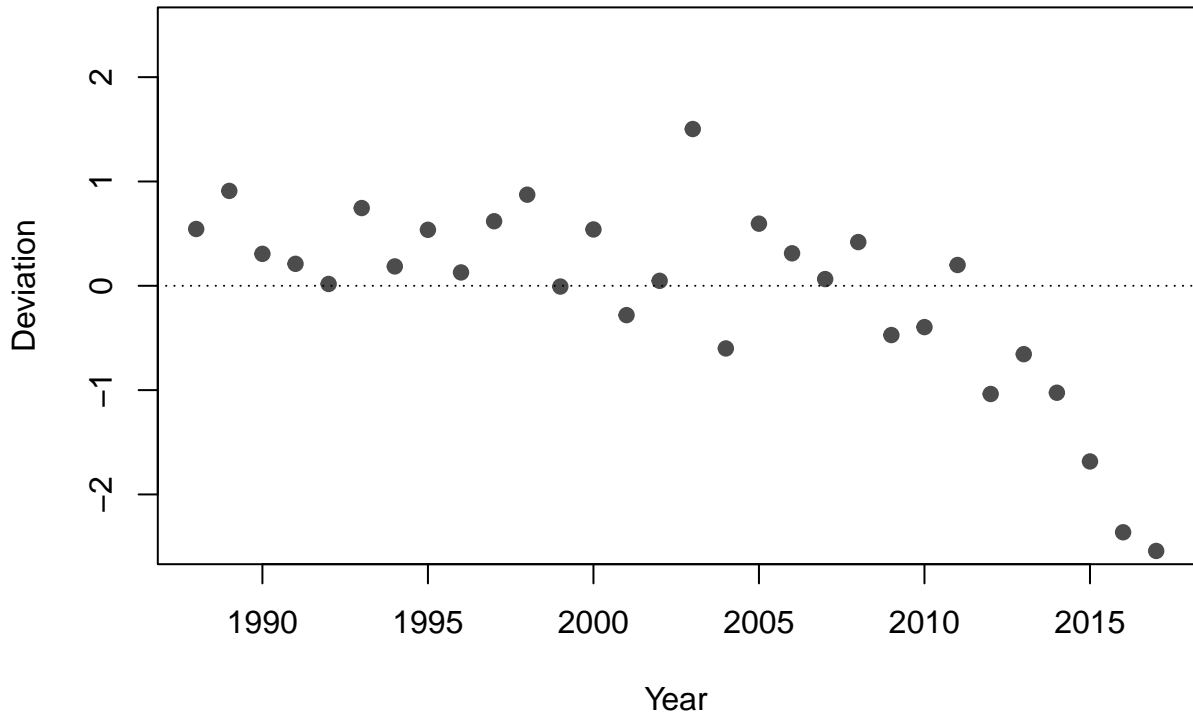


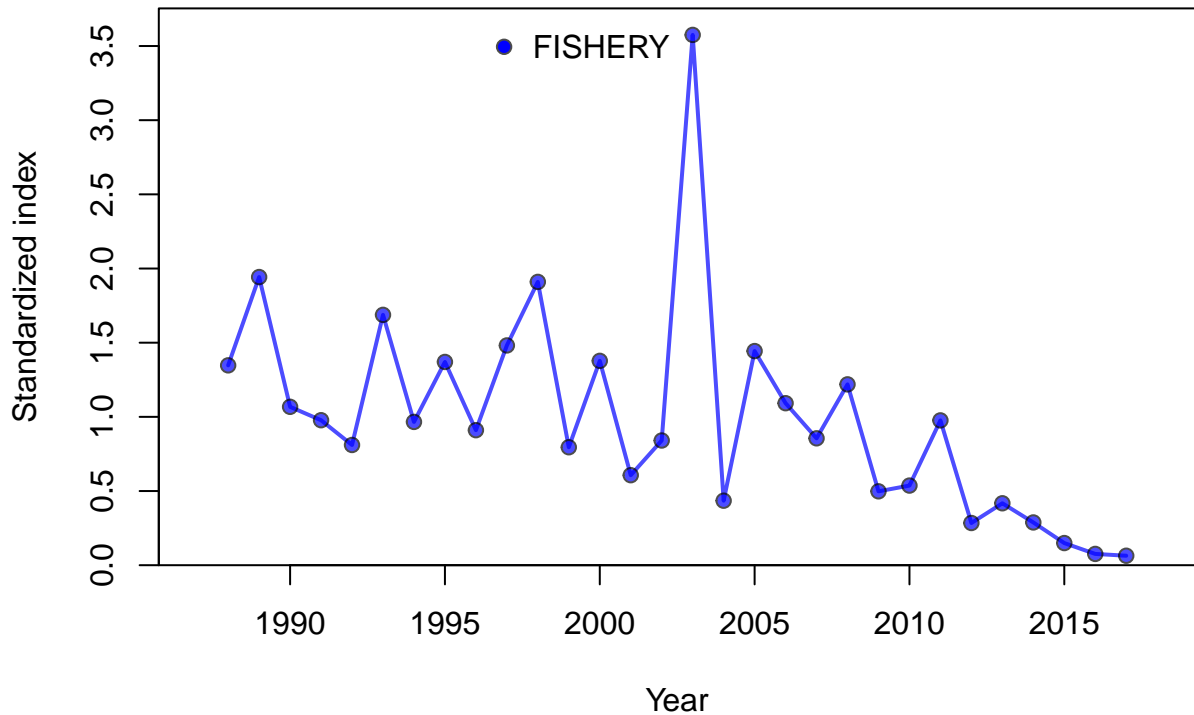
Log index

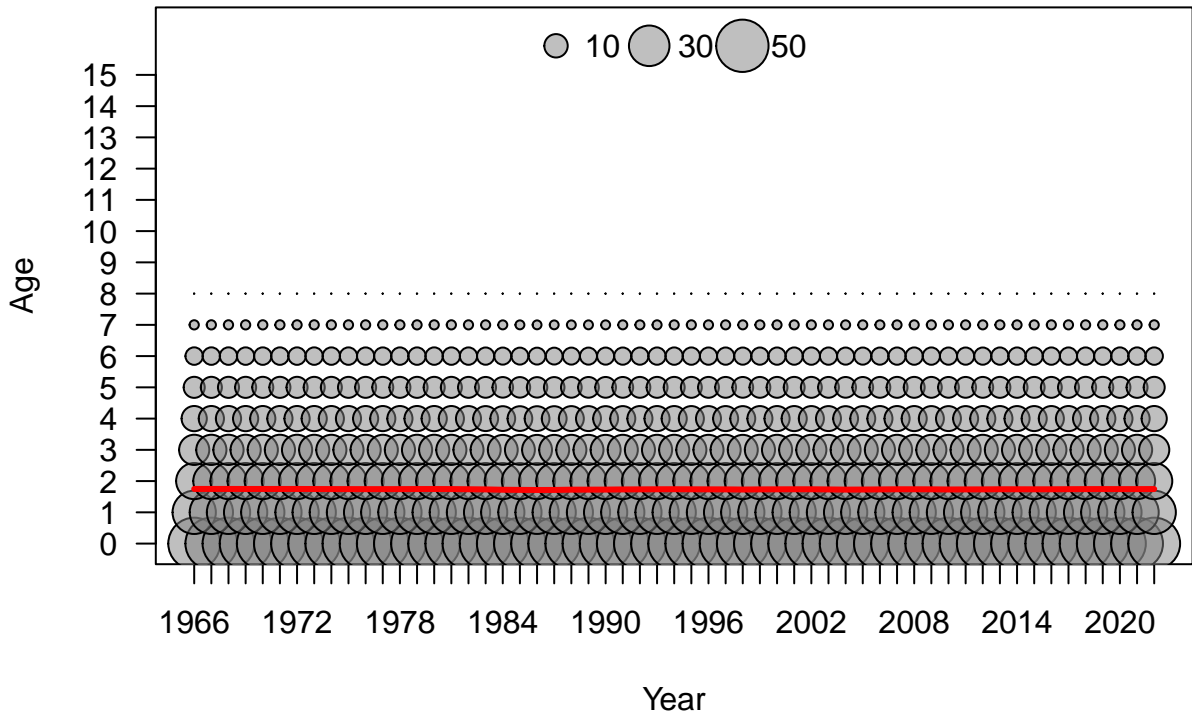




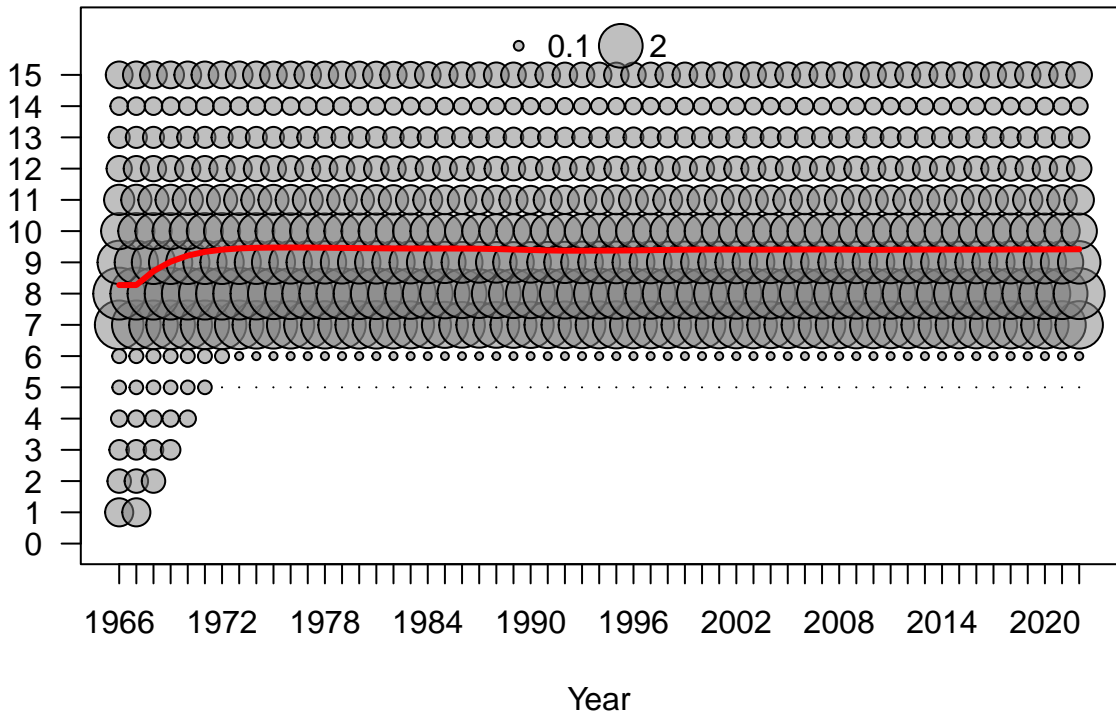


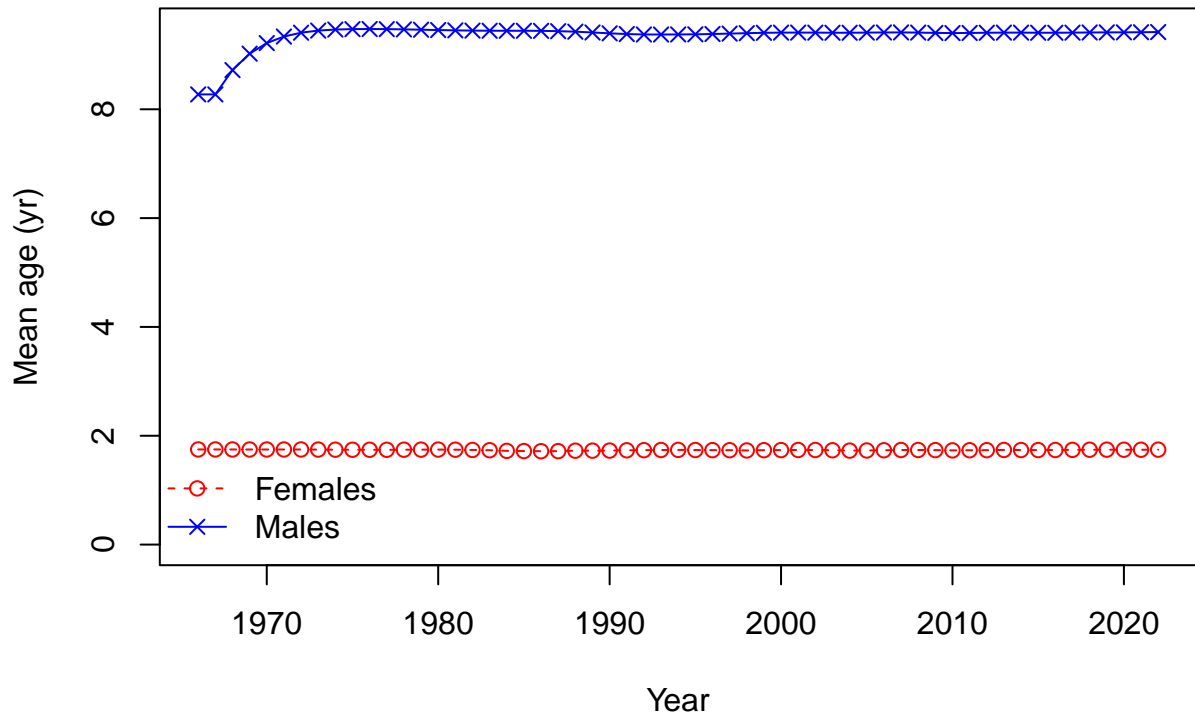




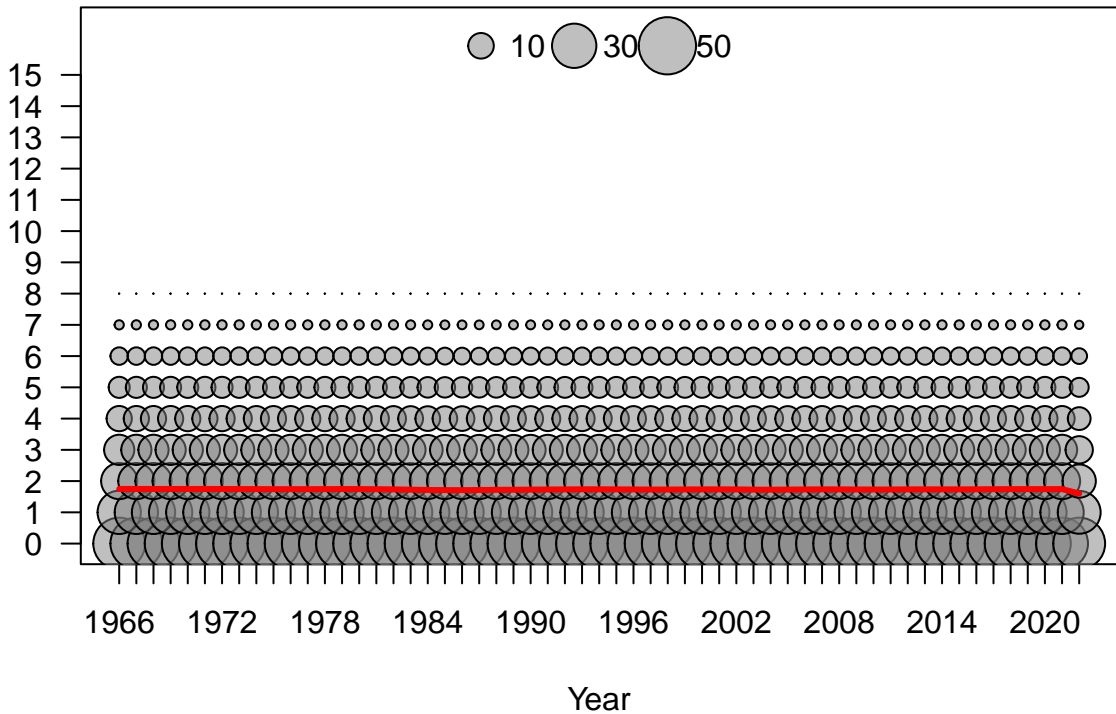


Age

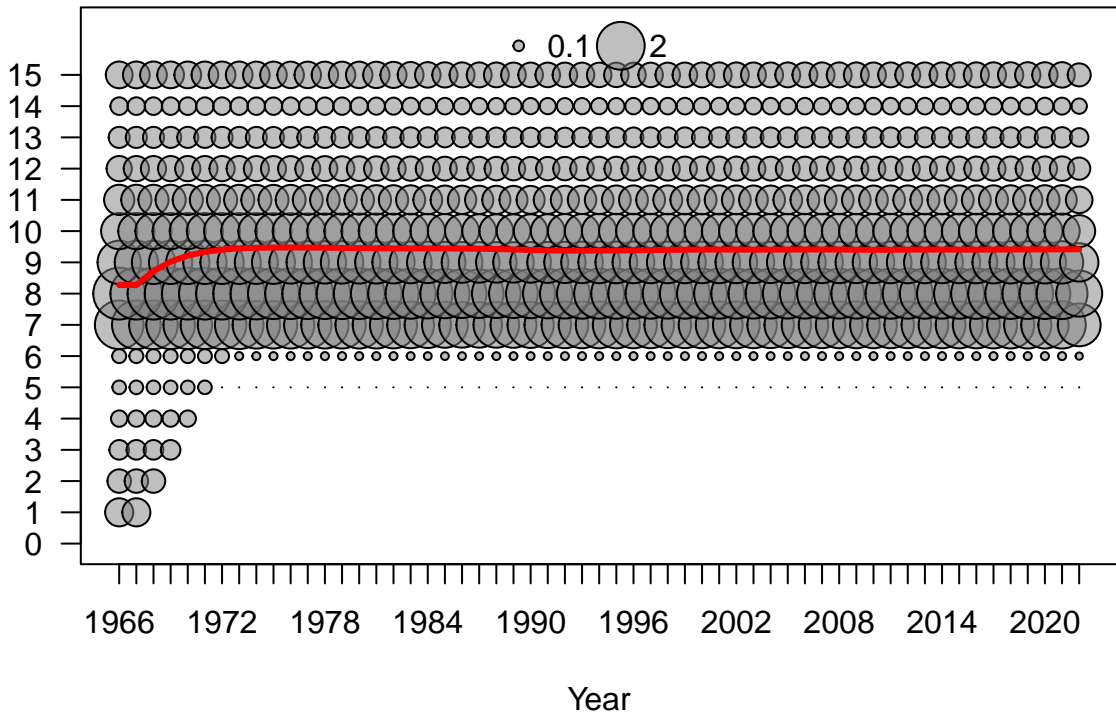


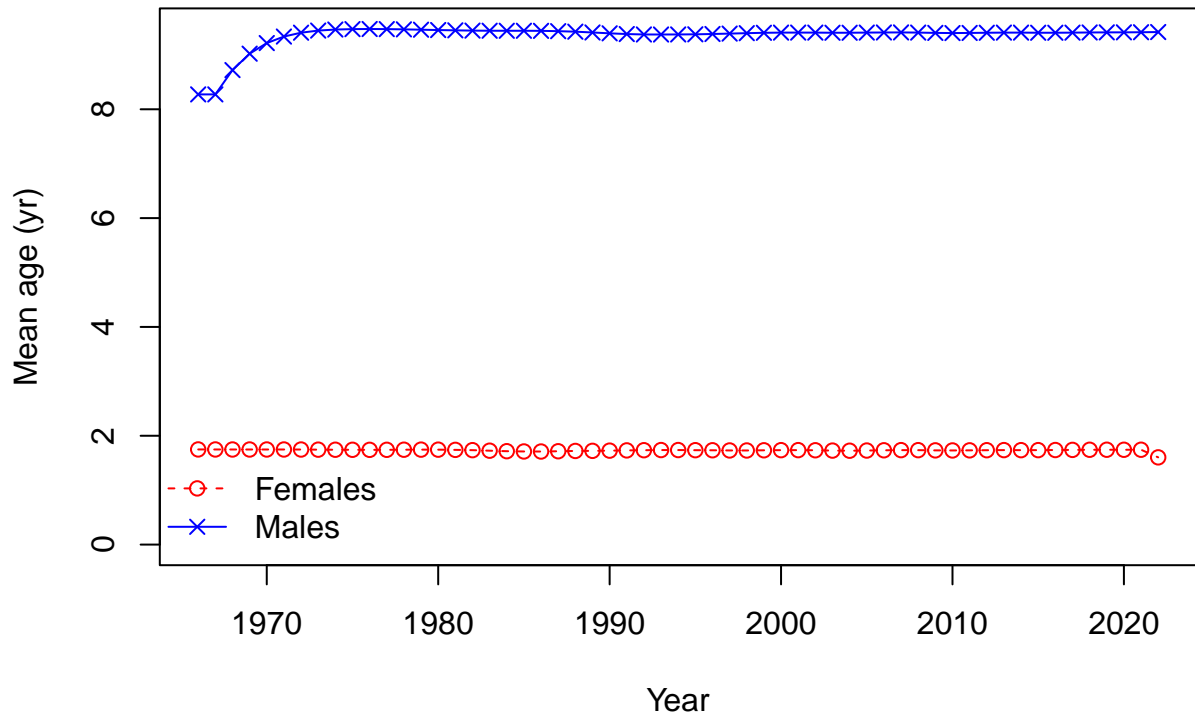


Age



Age





Age

14
12
10
8
6
4
2
0

1970

1980

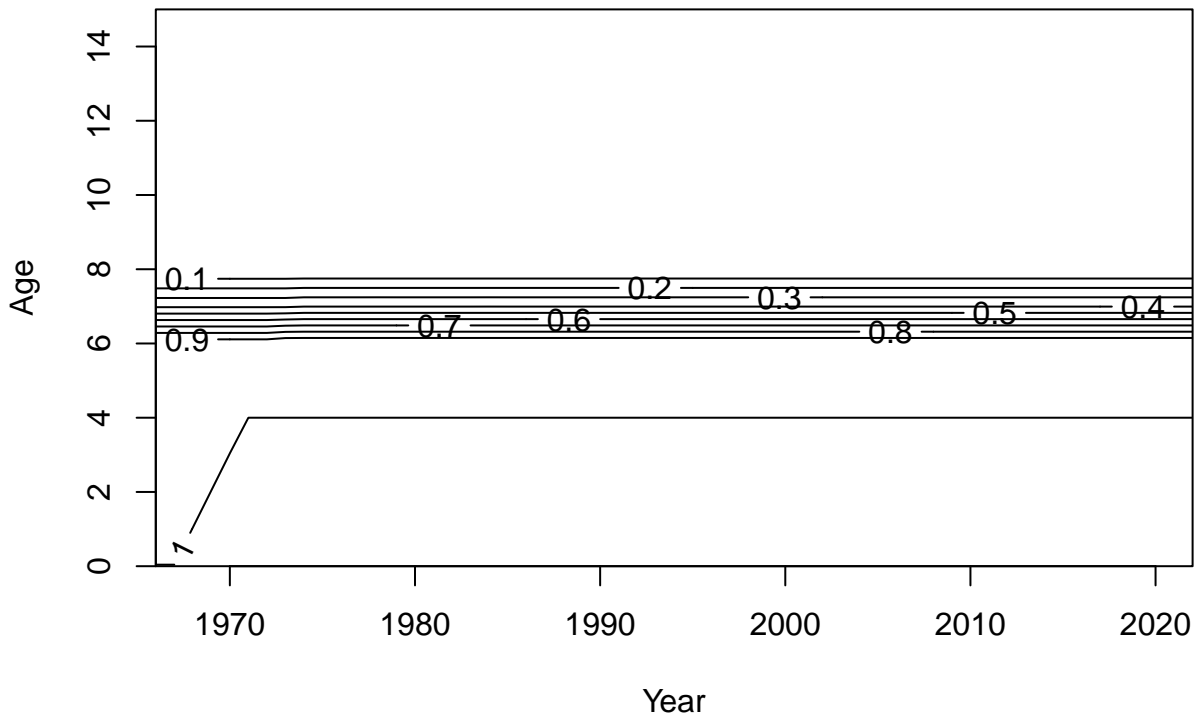
1990

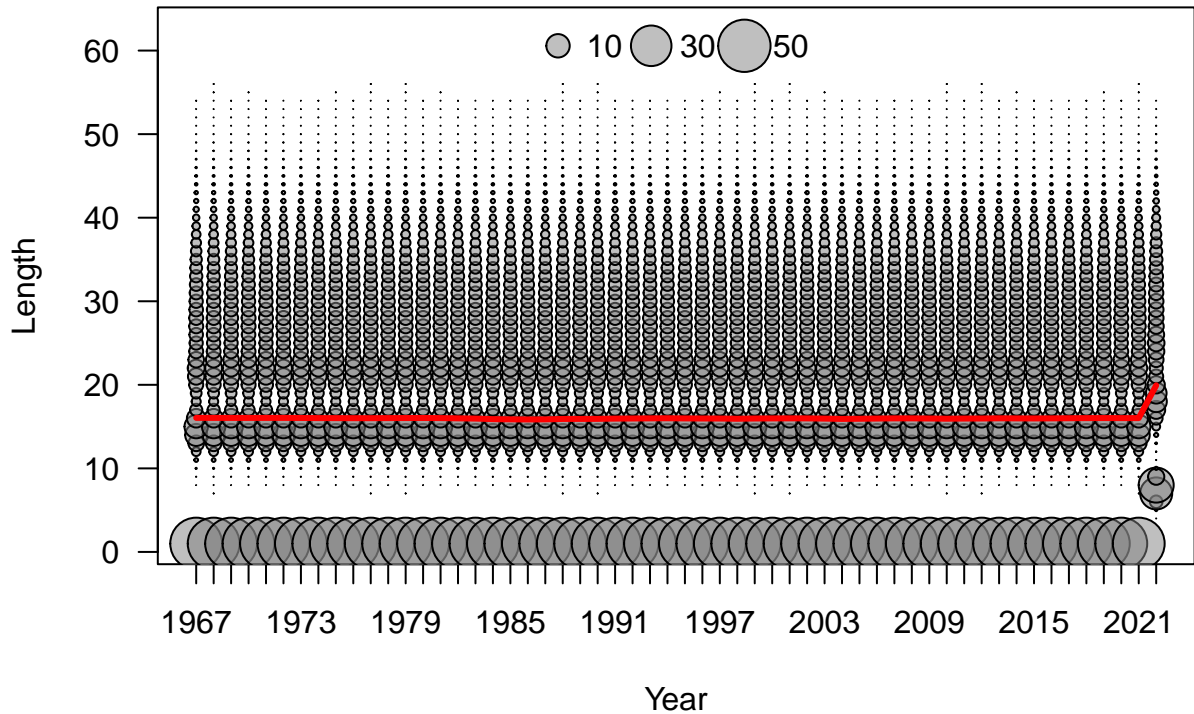
2000

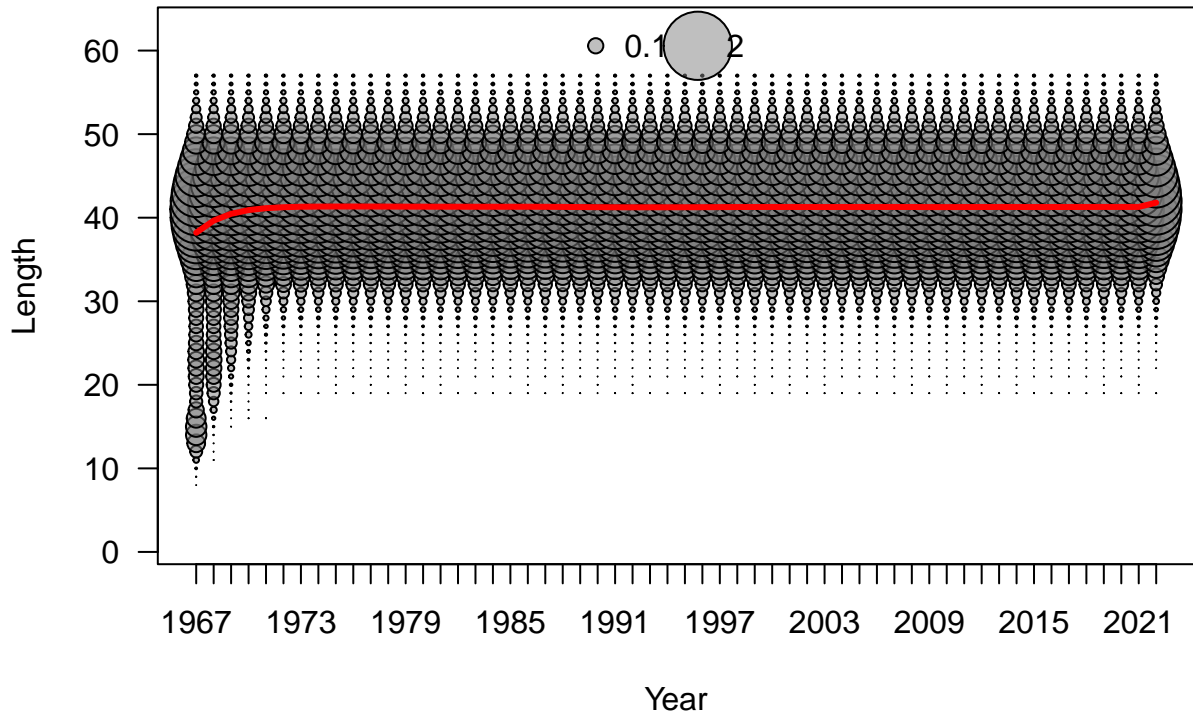
2010

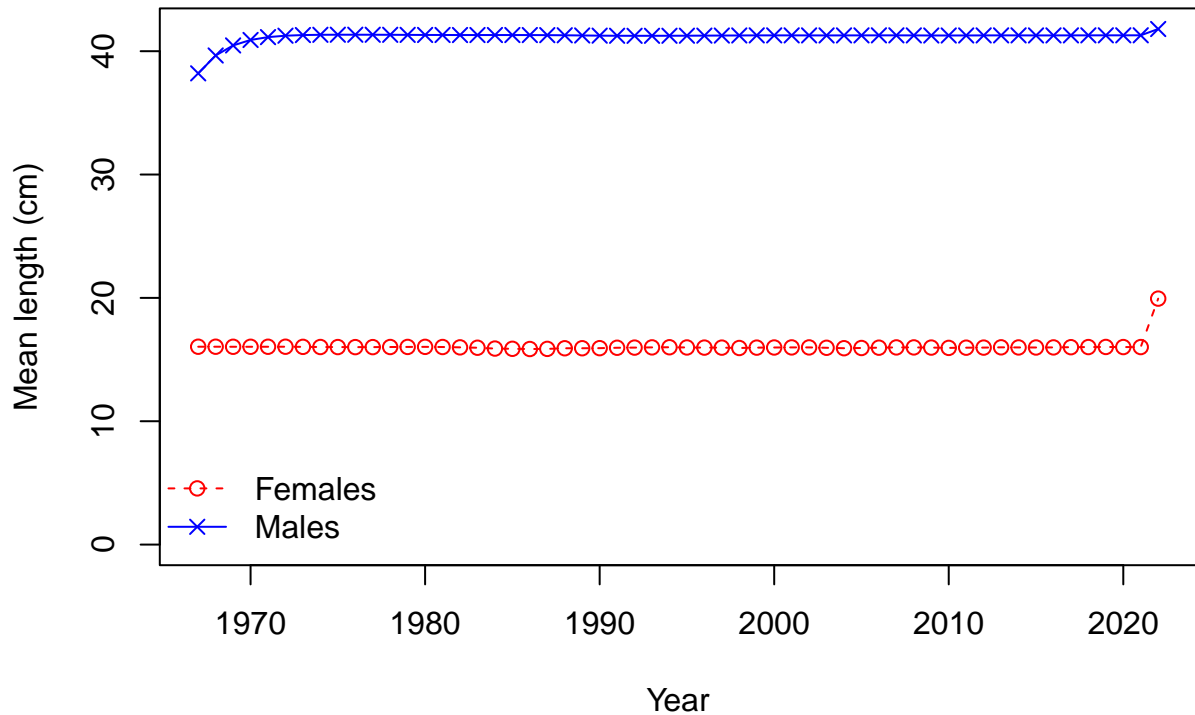
2020

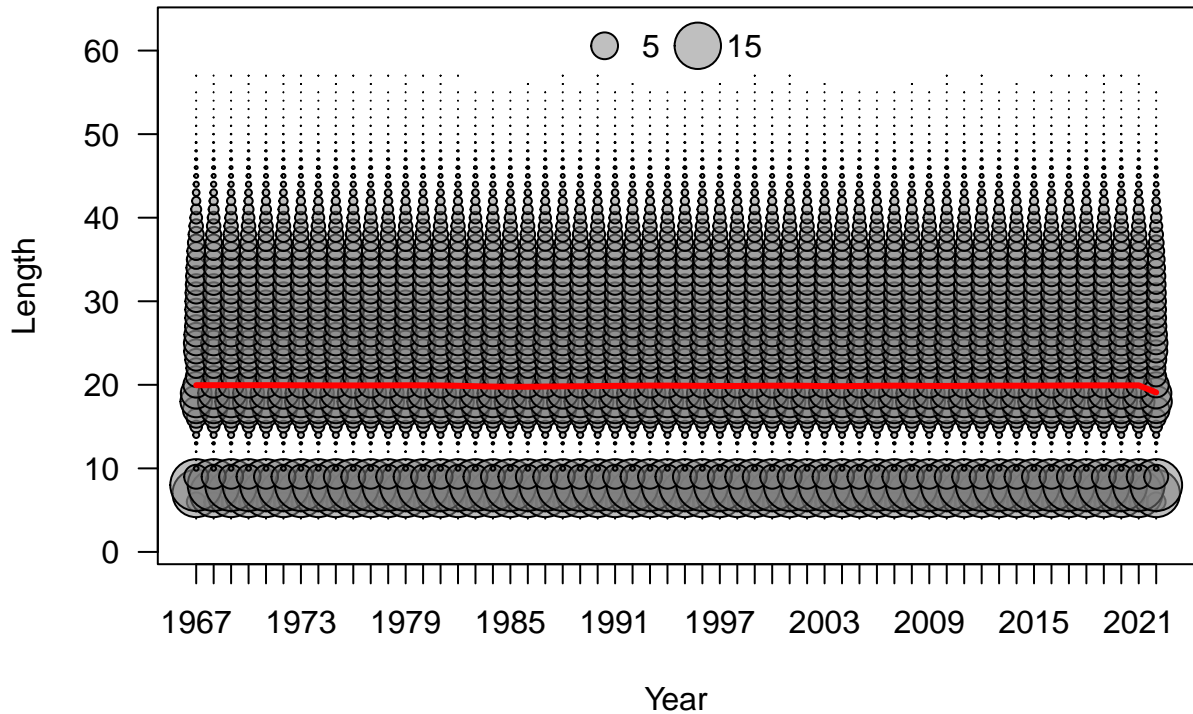
Year

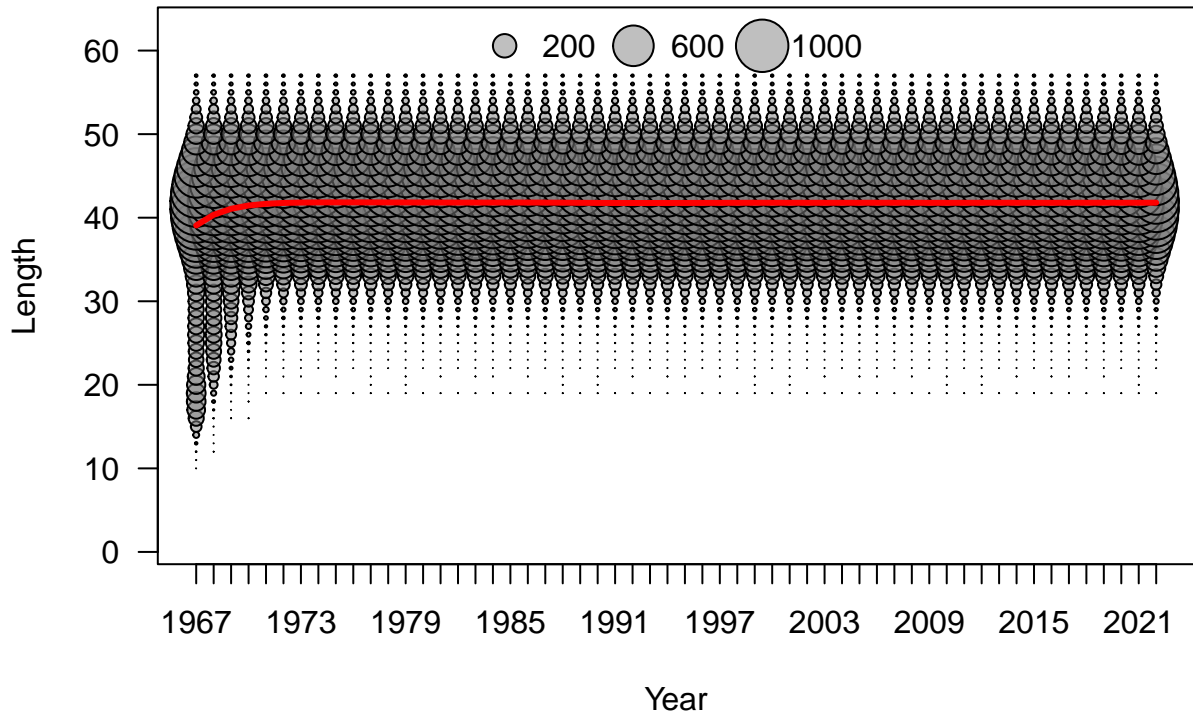


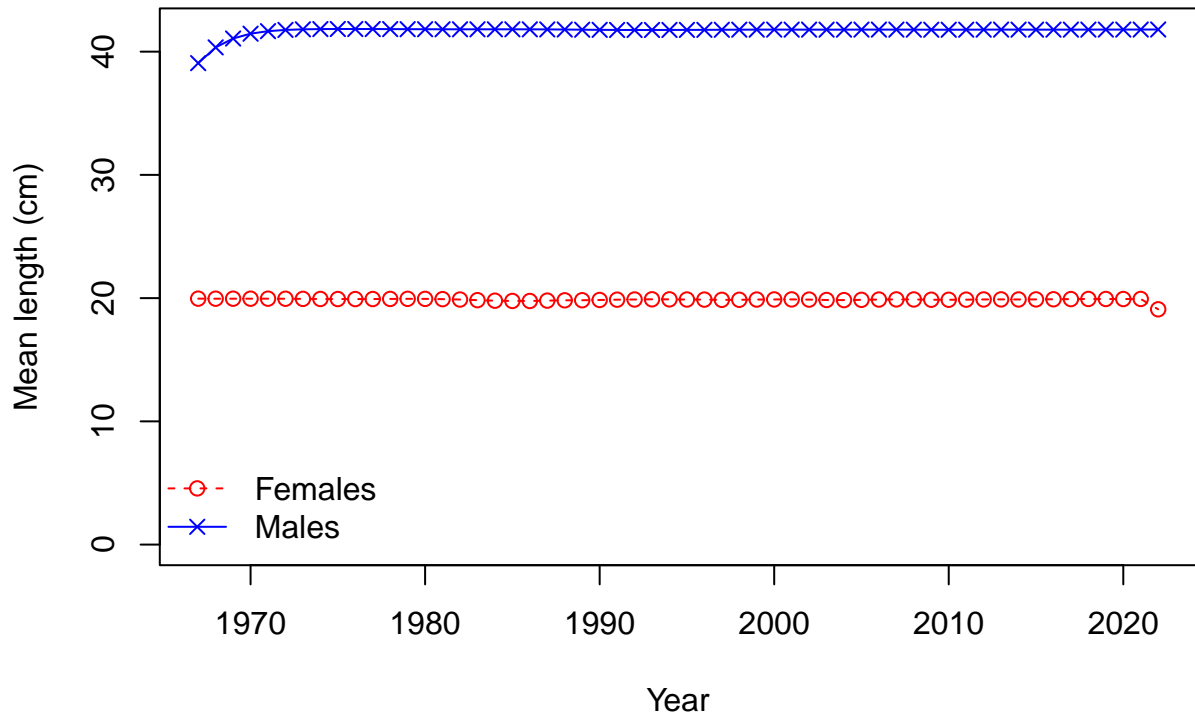












Length

50
40
30
20
10

1970

1980

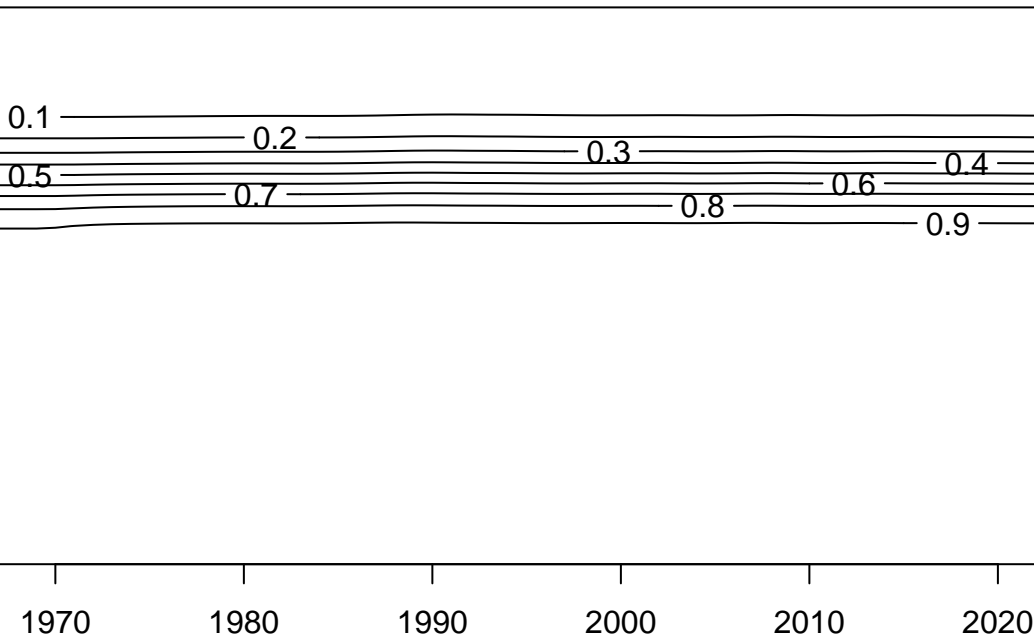
1990

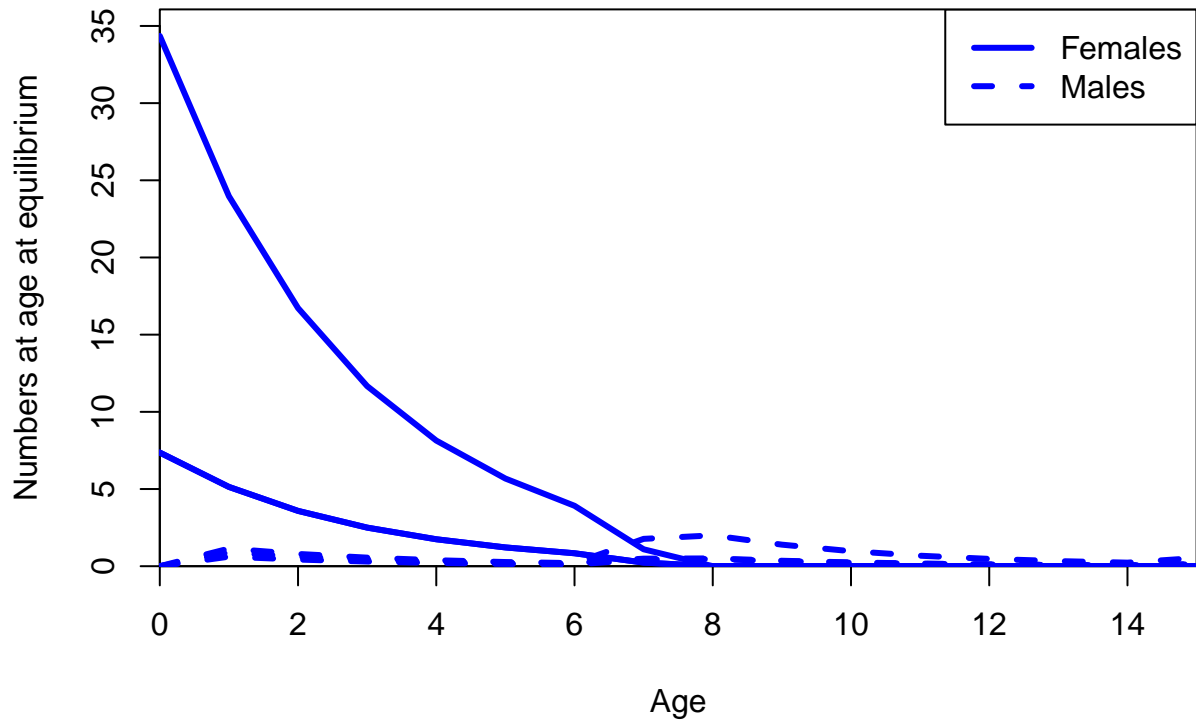
2000

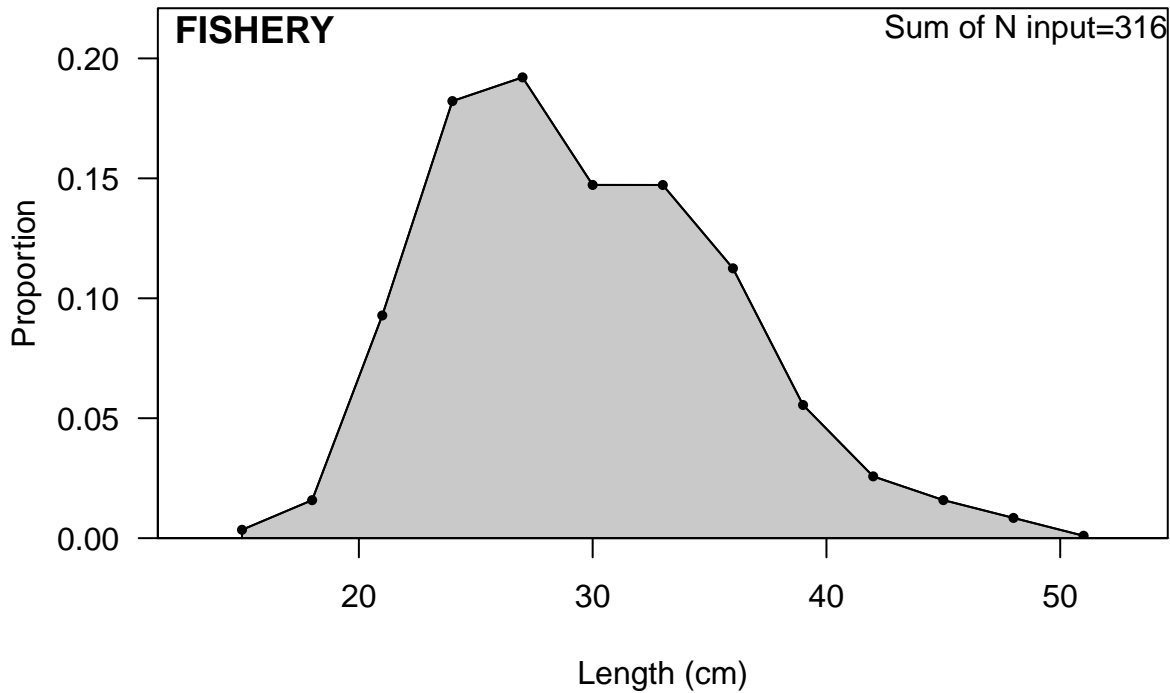
2010

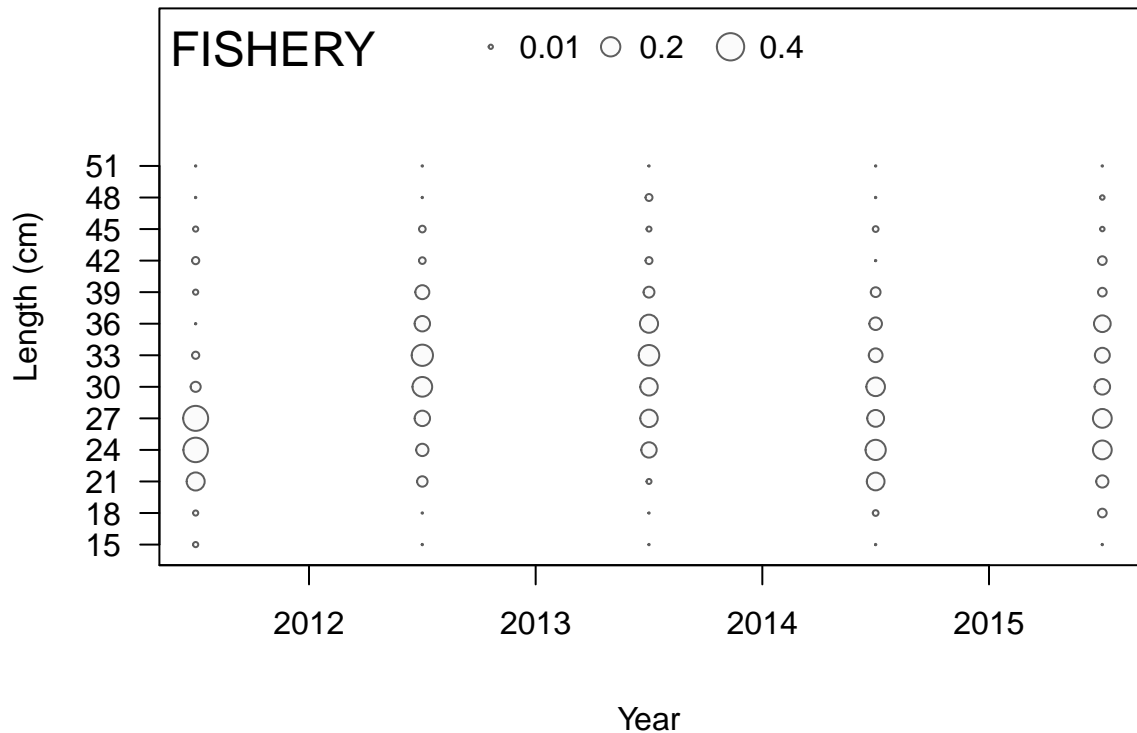
2020

Year

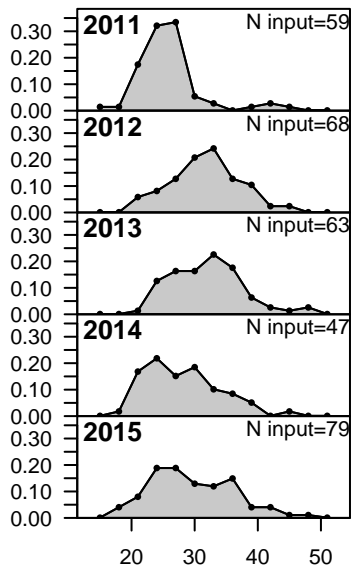




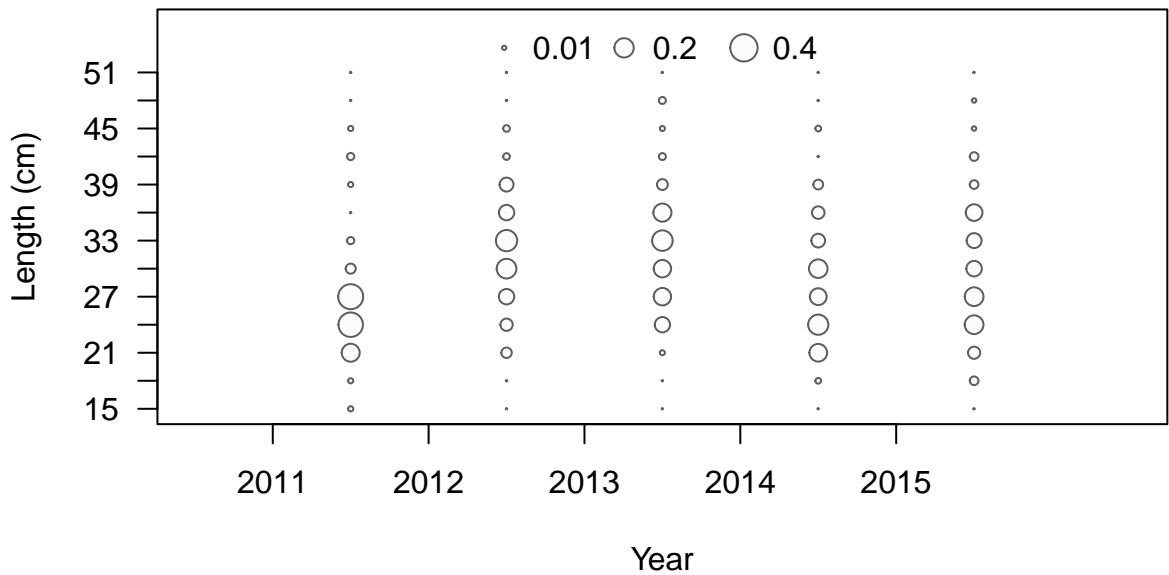




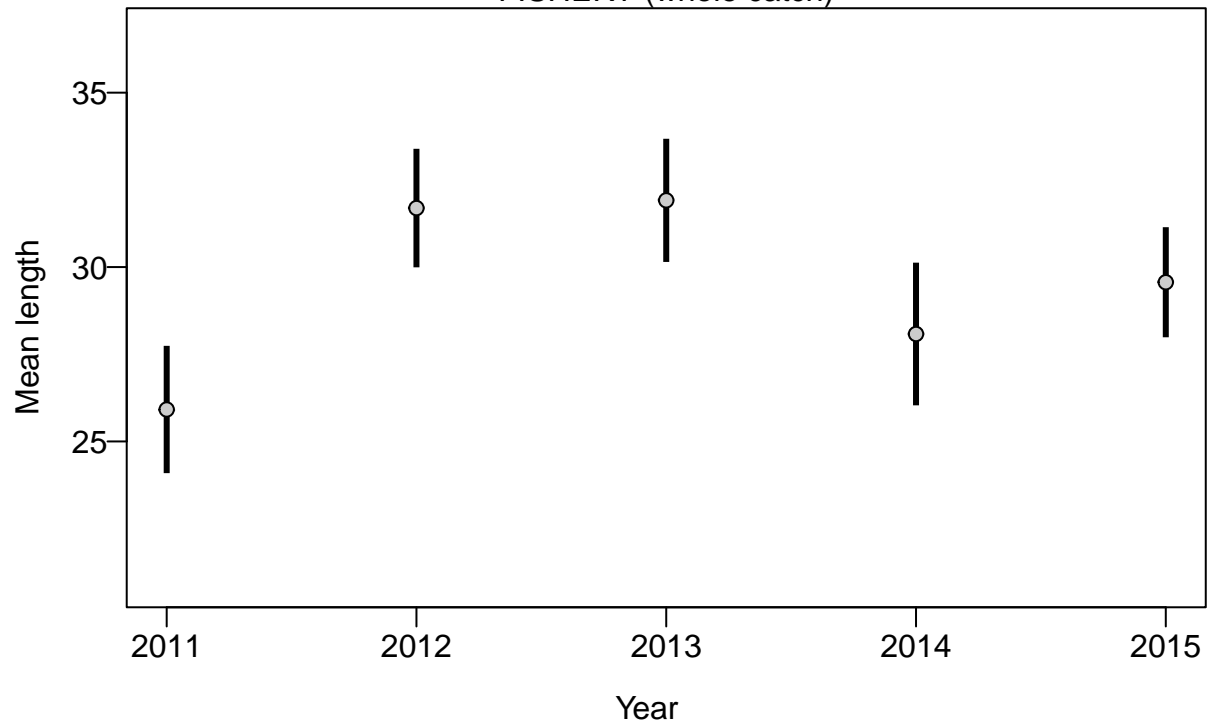
Proportion

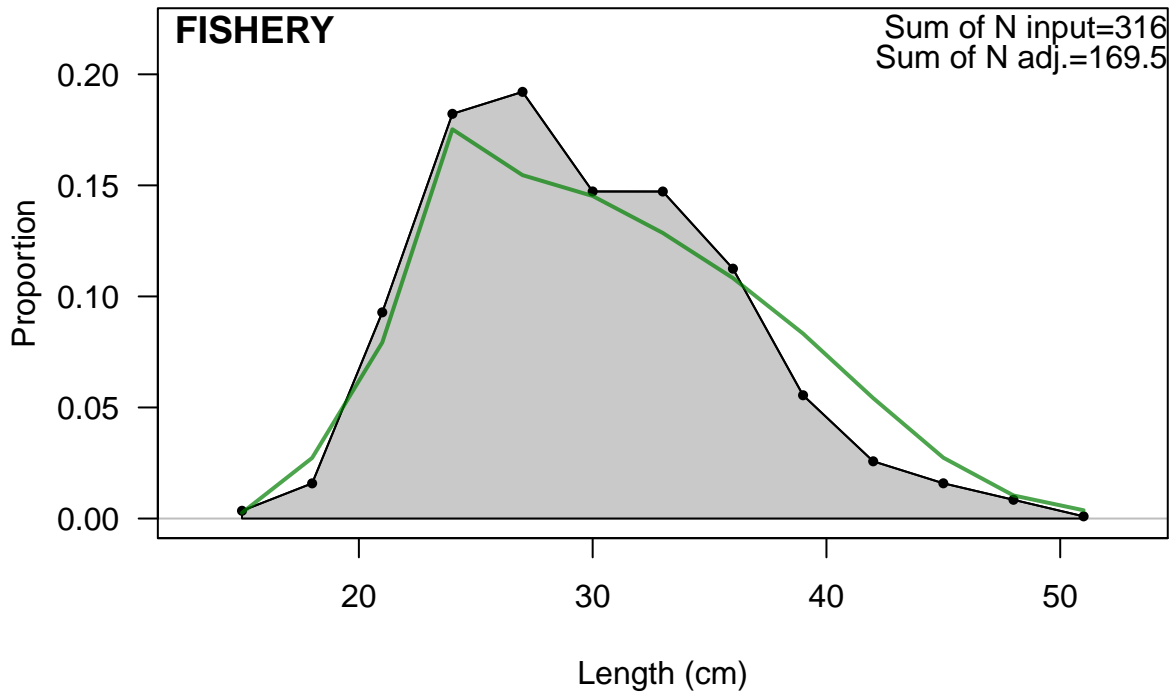


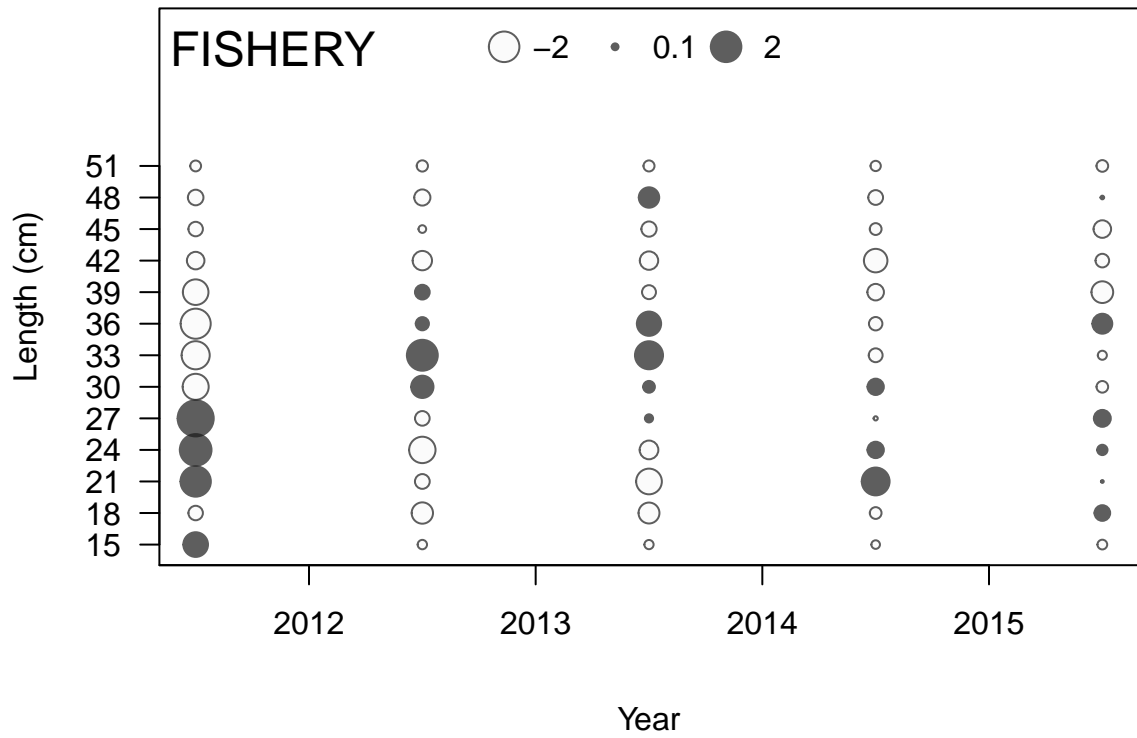
Length (cm)



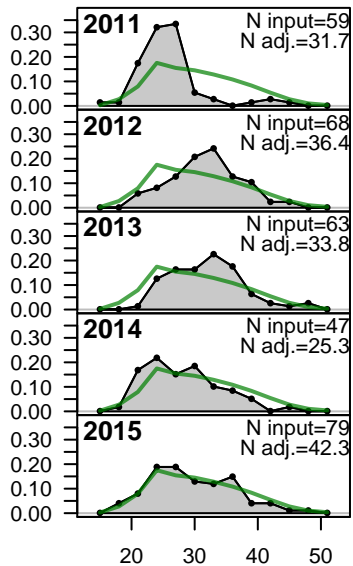
FISHERY (whole catch)



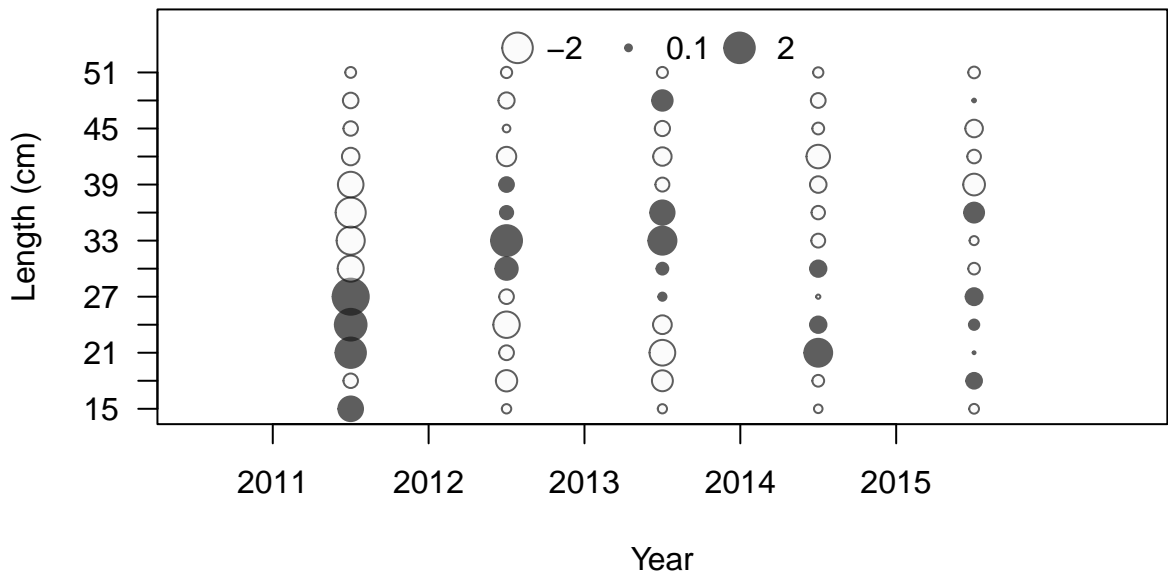




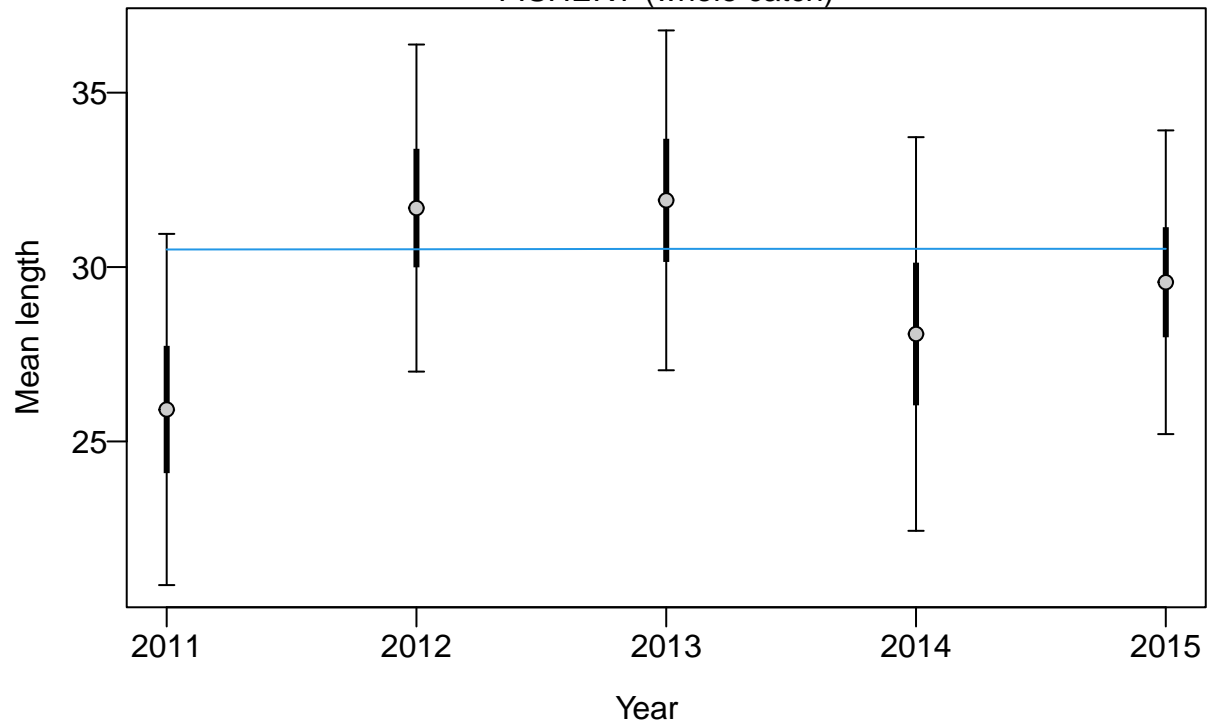
Proportion

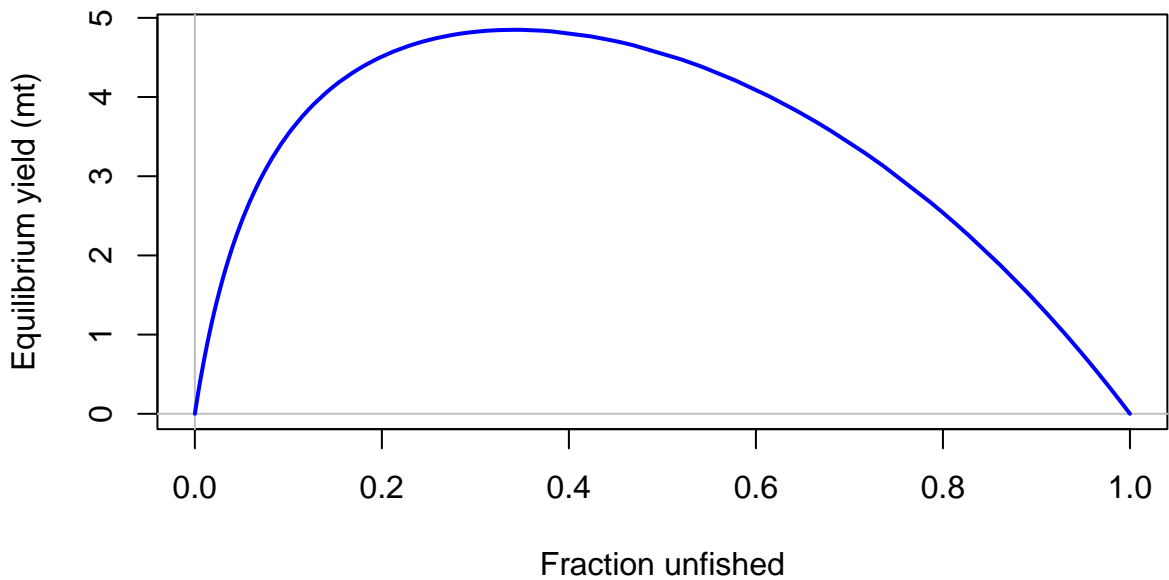


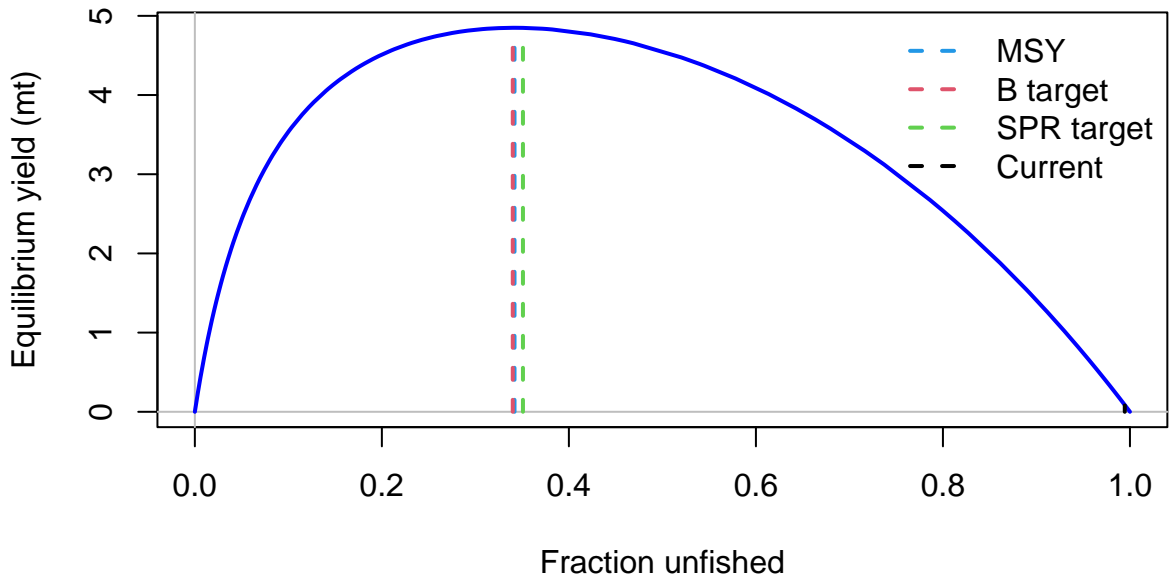
Length (cm)

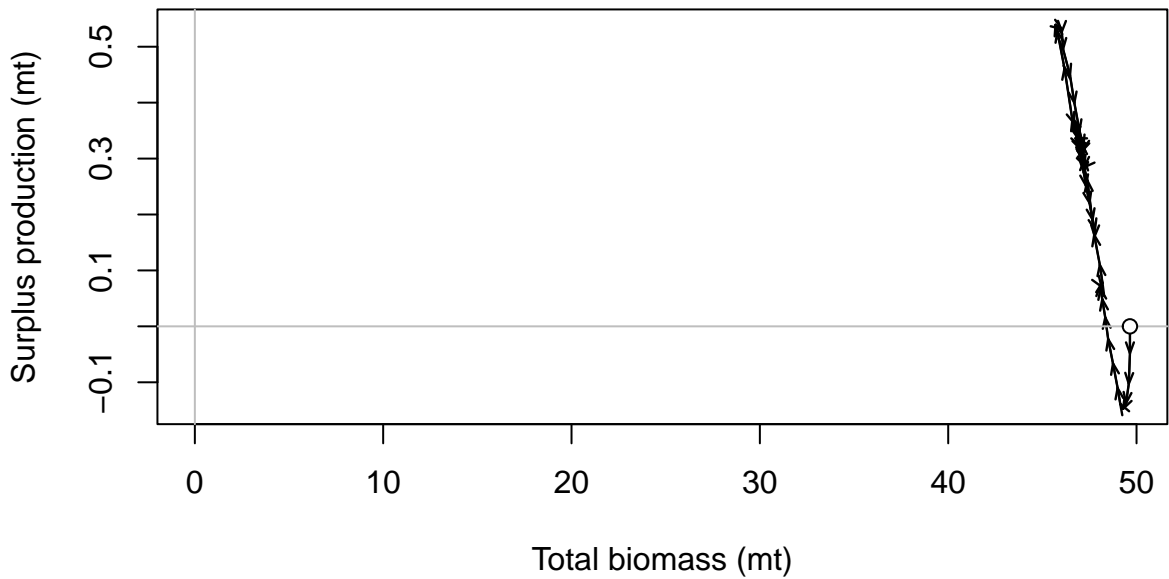


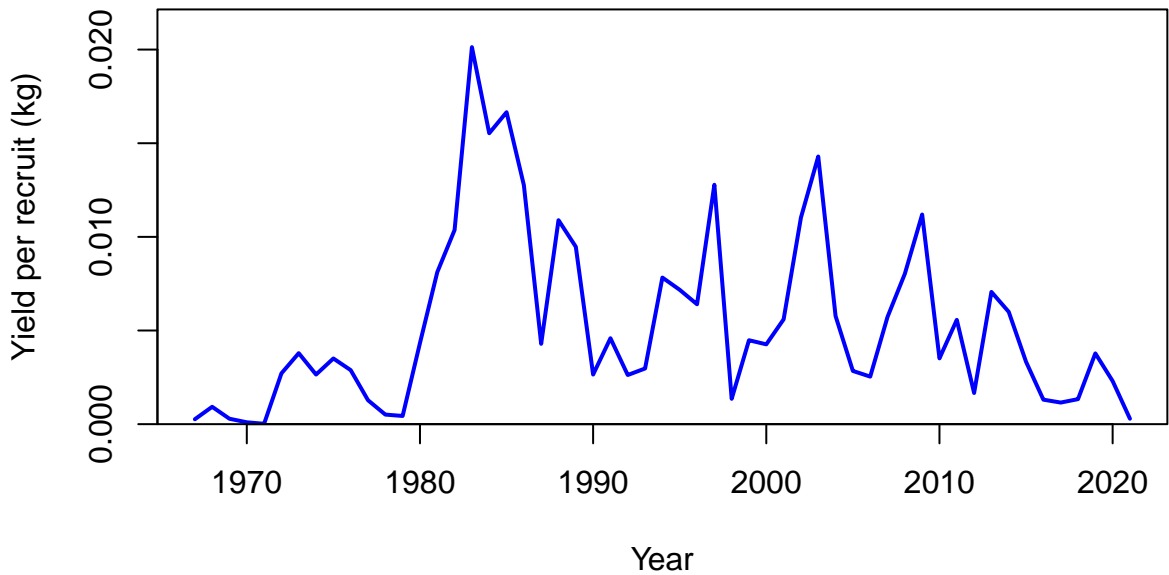
FISHERY (whole catch)

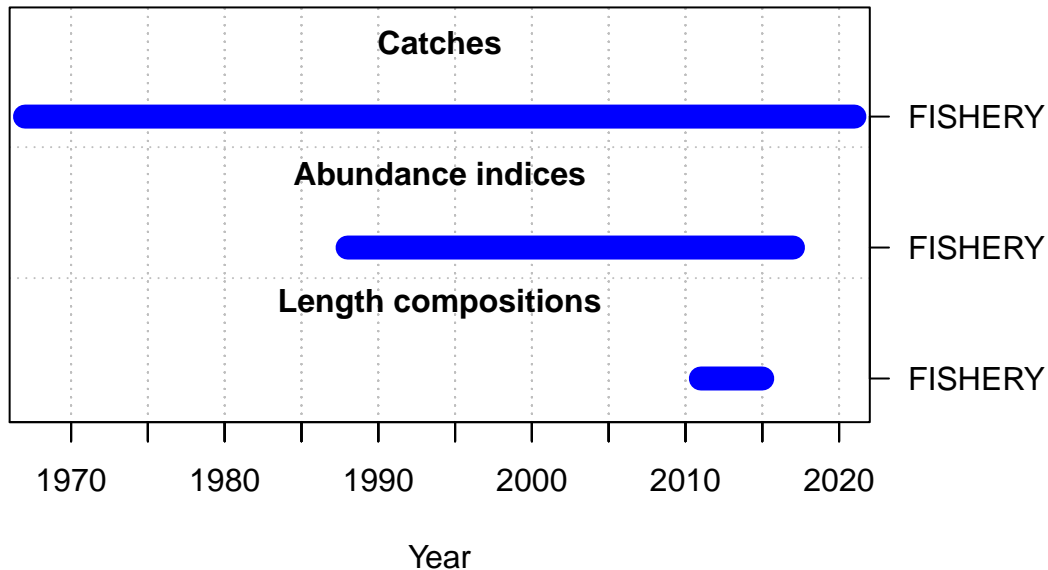


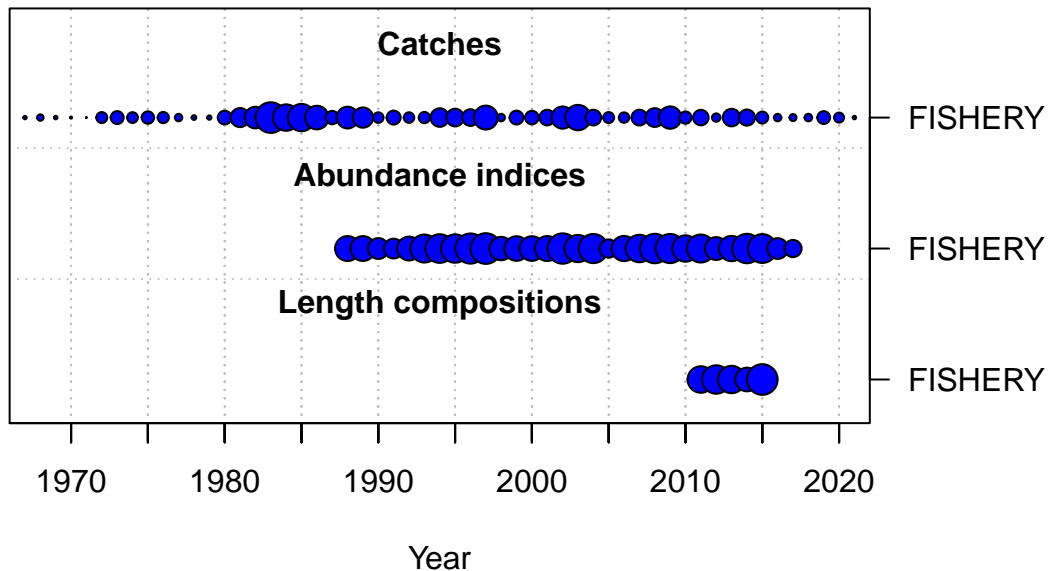






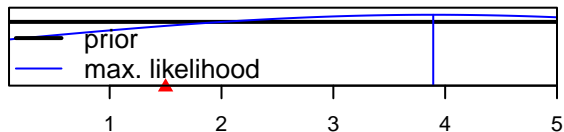




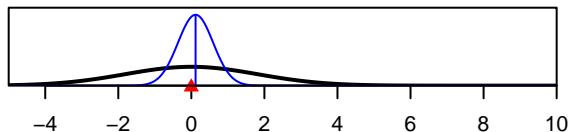


Density

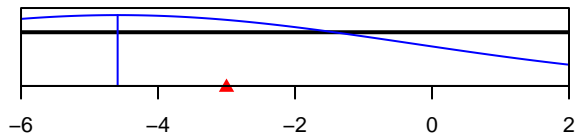
SR_LN(R0)



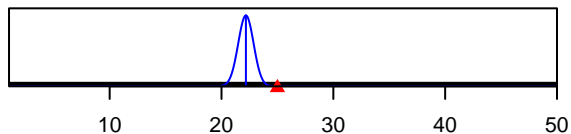
ln(DM_theta)_1



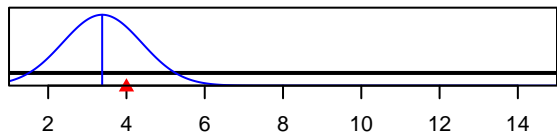
LnQ_base_FISHERY(1)



Size_inflection_FISHERY(1)



Size_95%width_FISHERY(1)



Parameter value