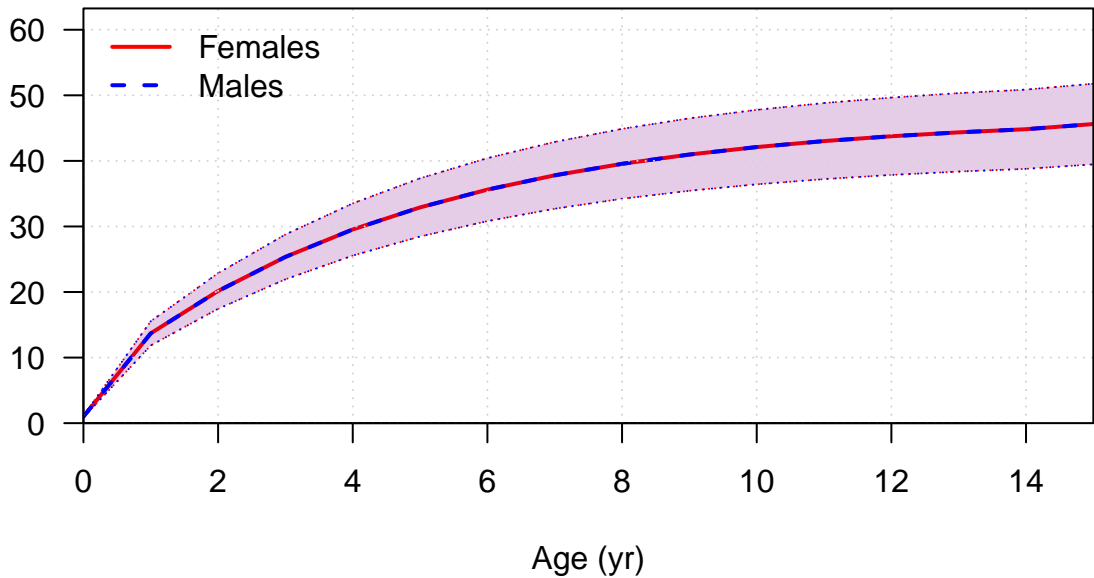
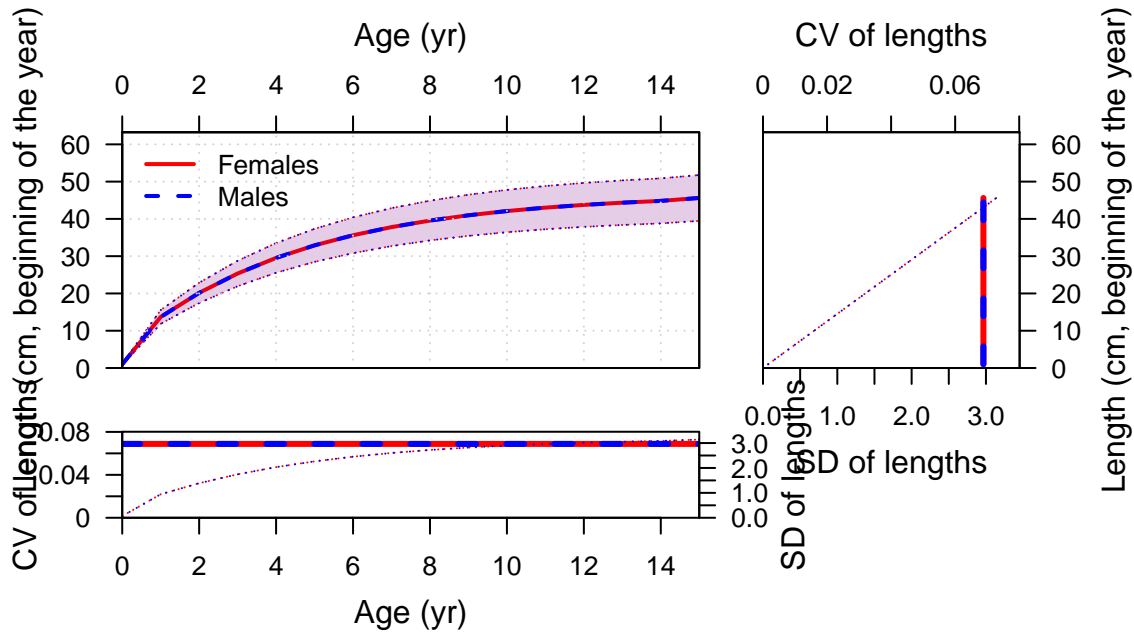
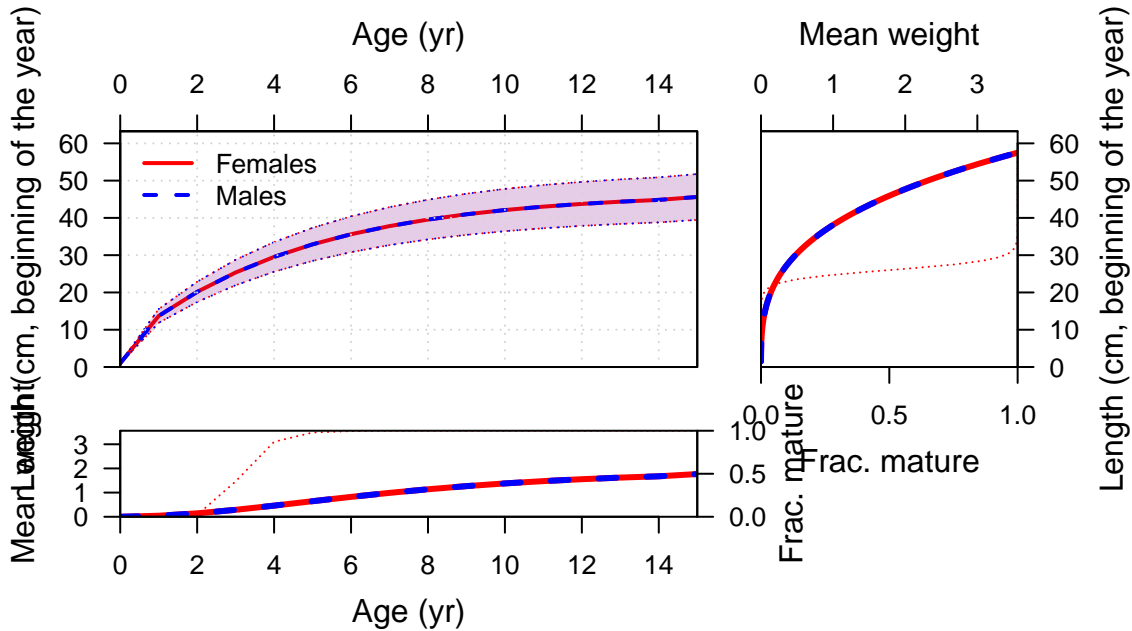


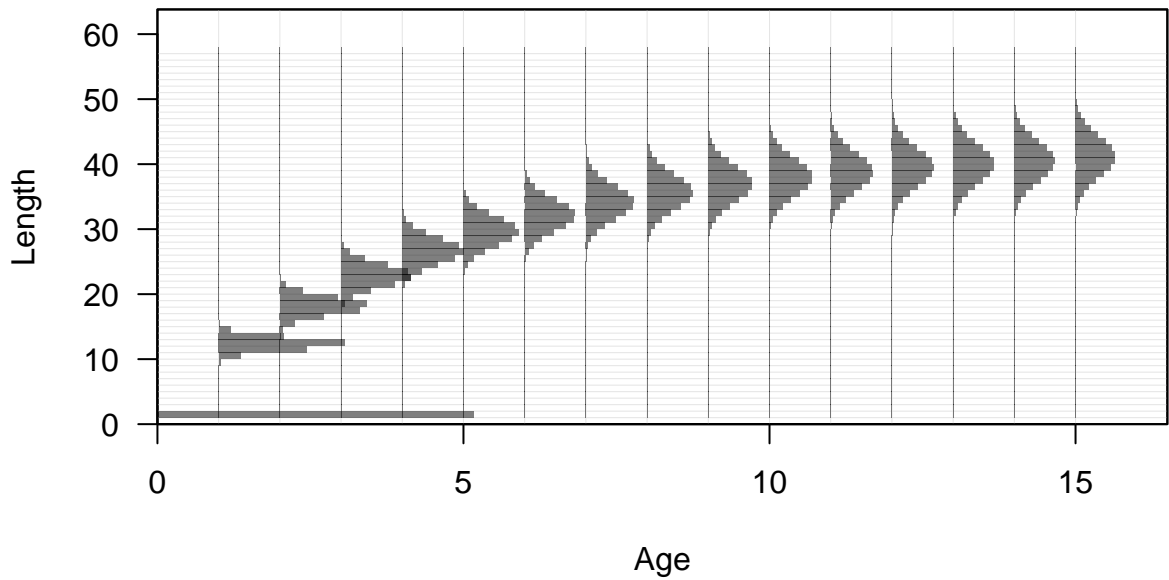
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Fri Oct 21 16:11:11 2022  
Data\_File: data.ss  
Control\_File: control.ss

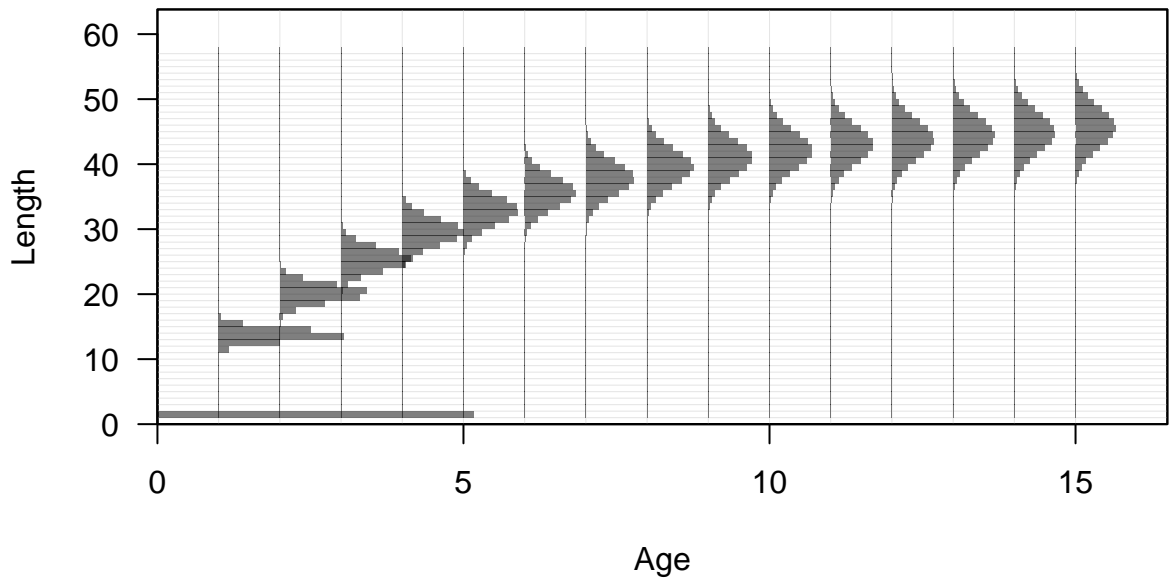
Length (cm, beginning of the year)

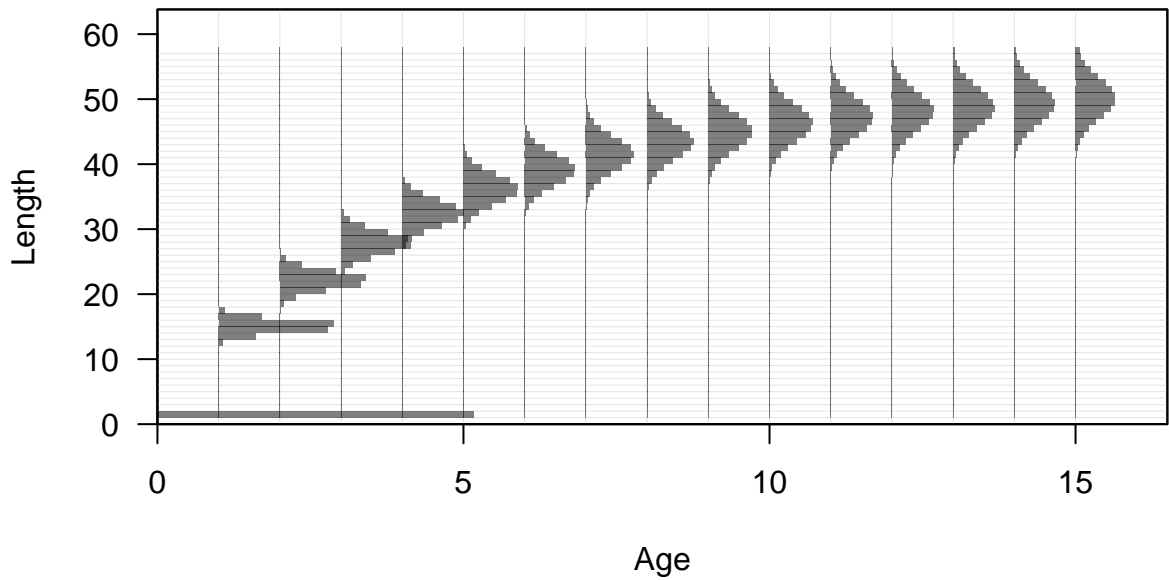


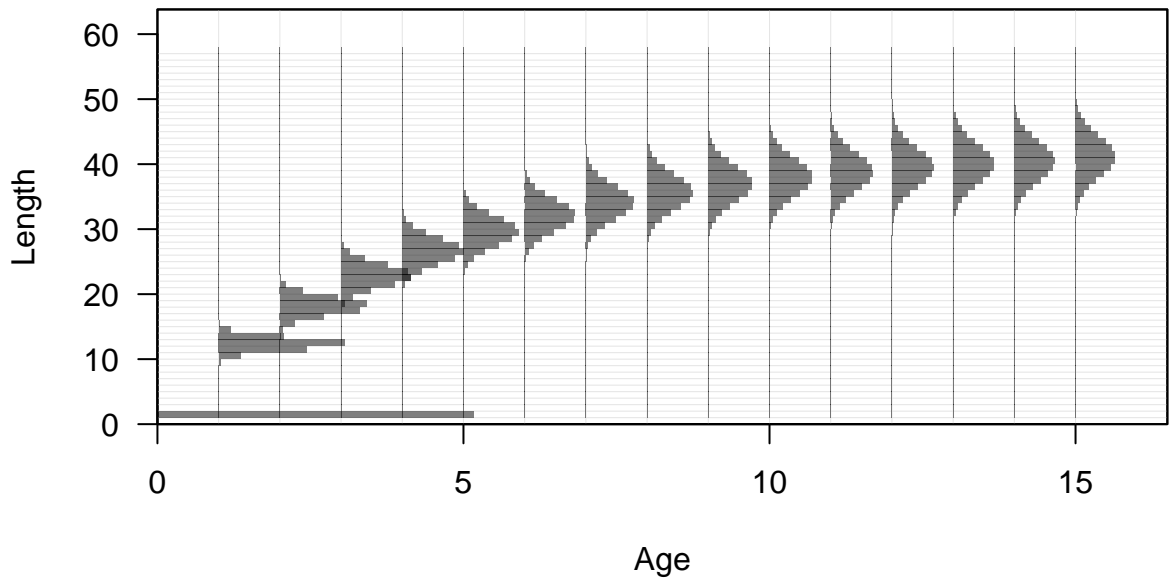




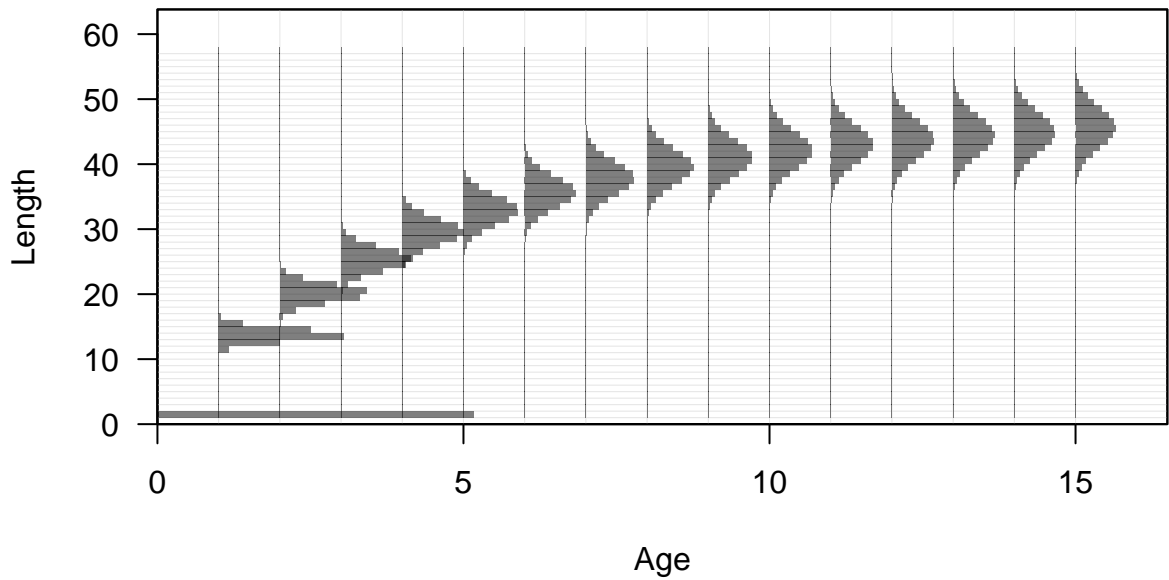


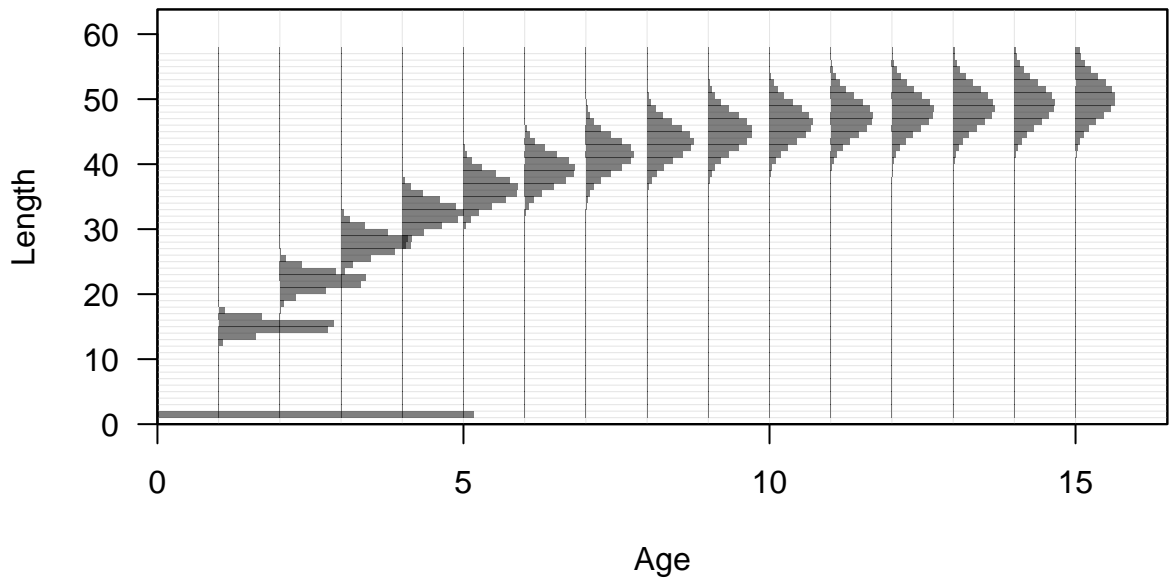


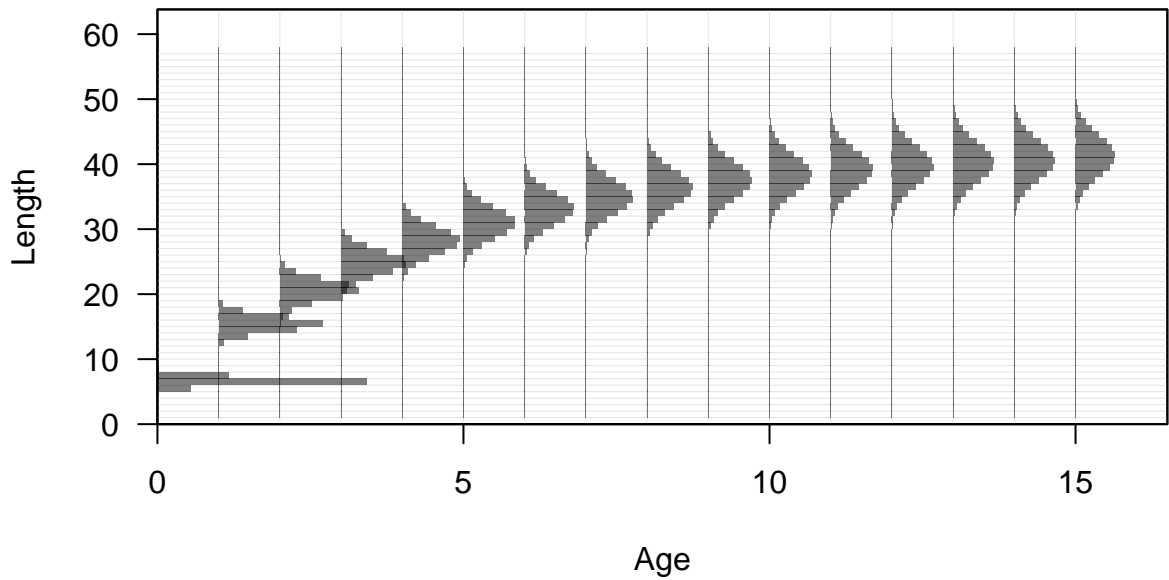


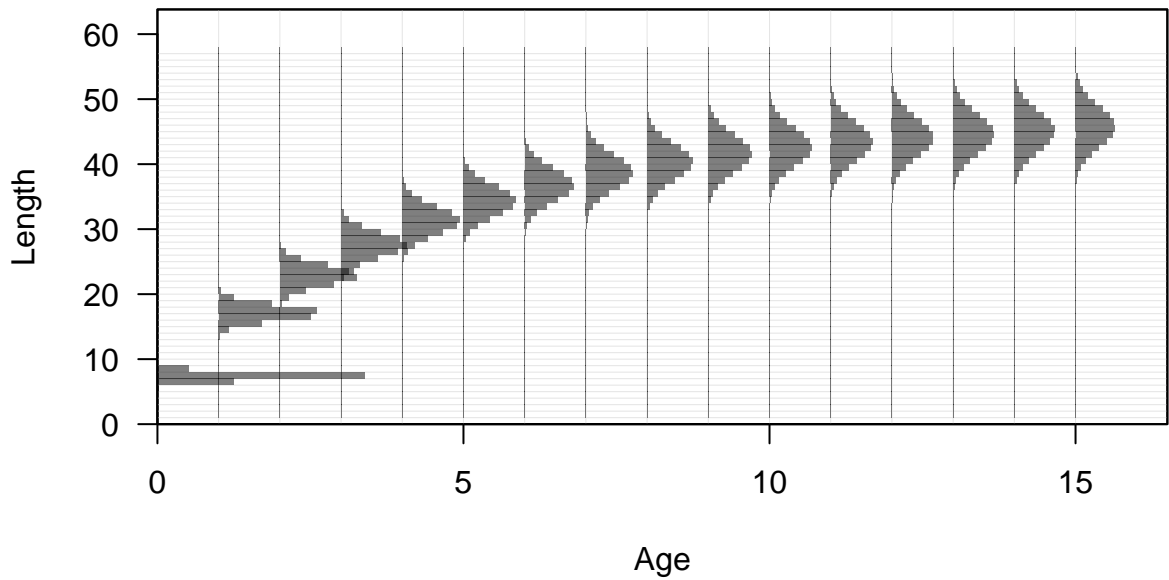


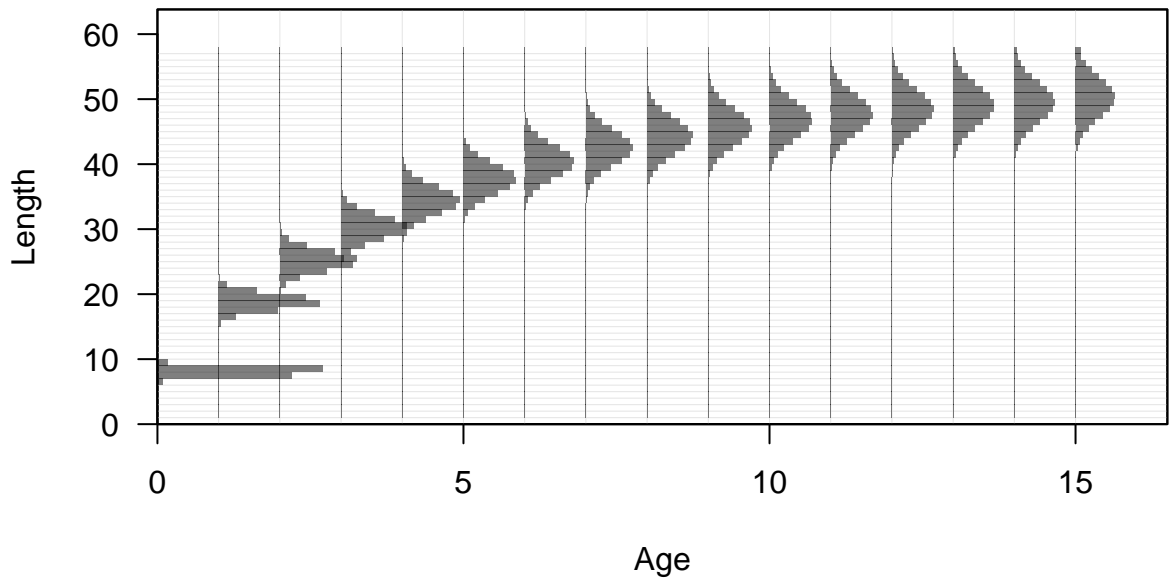


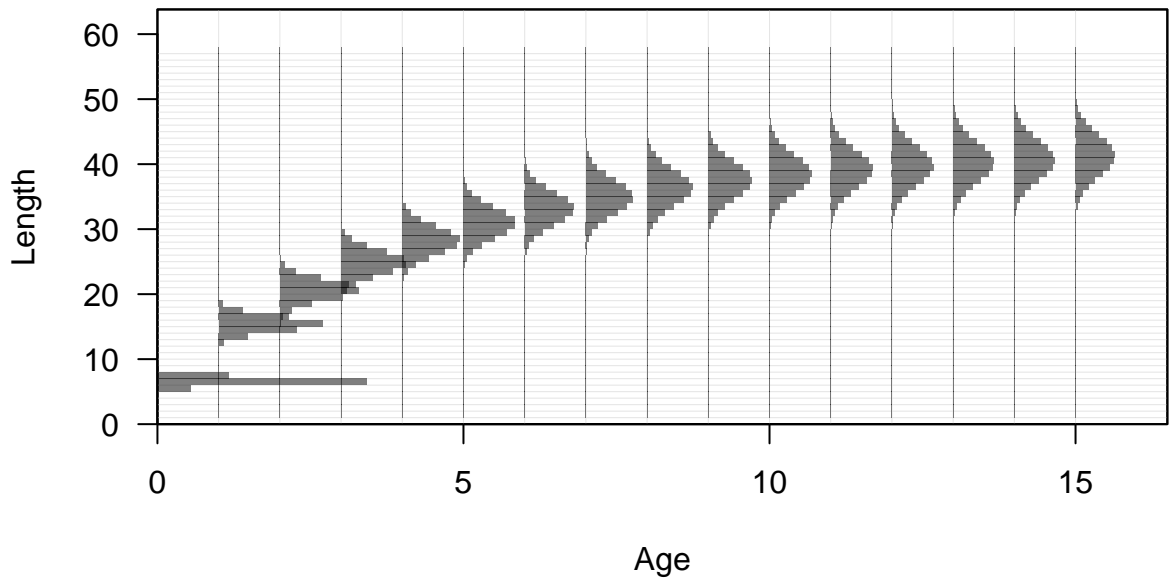


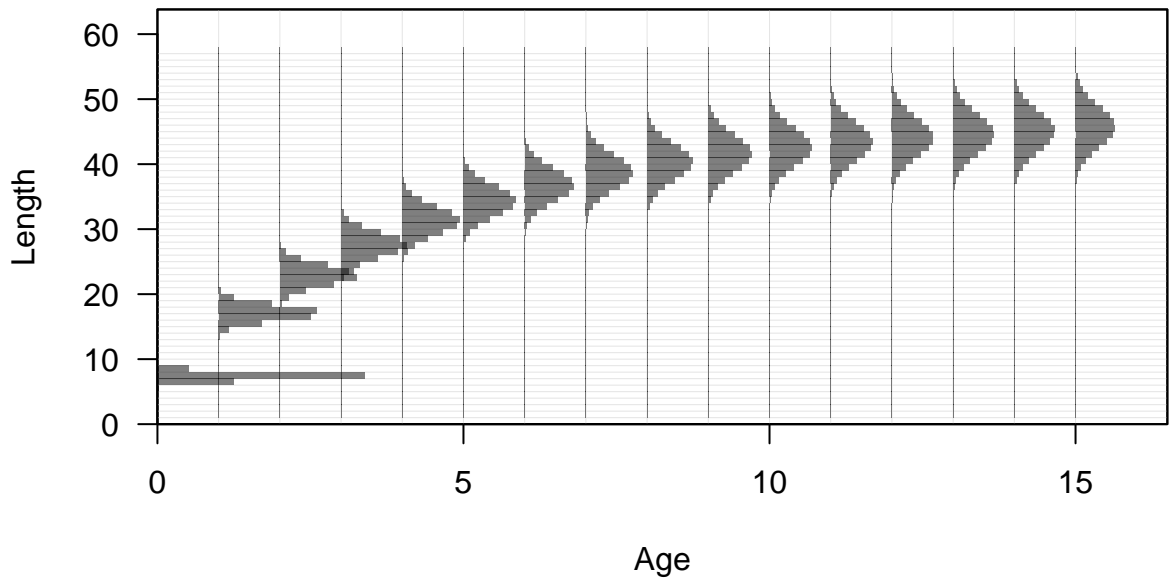


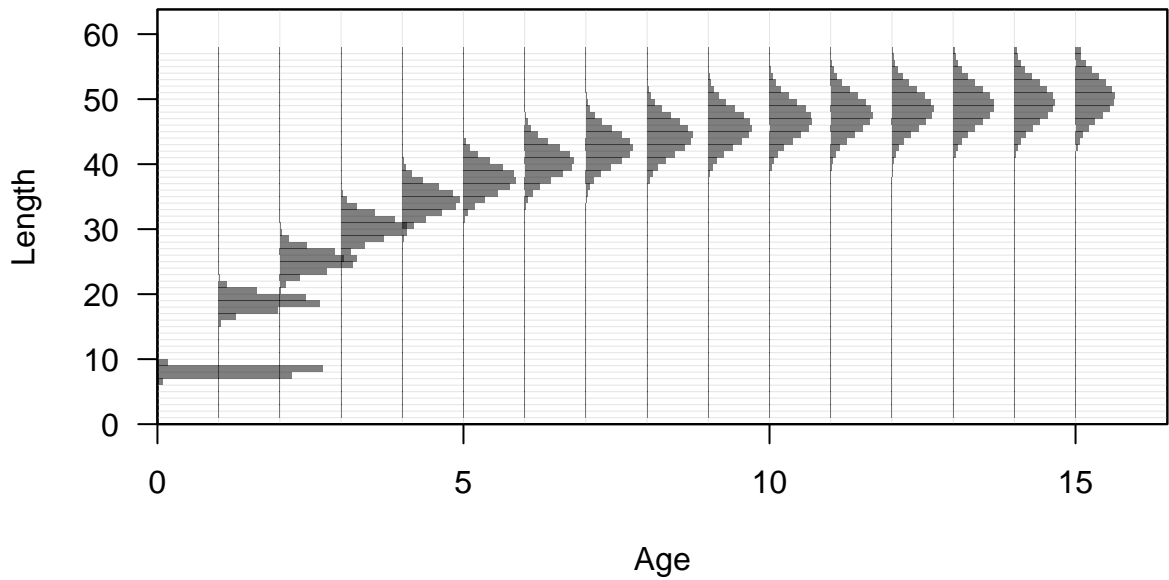






















Fecundity



Fecundity



Spawning output

3

2

1

0

0

10

20

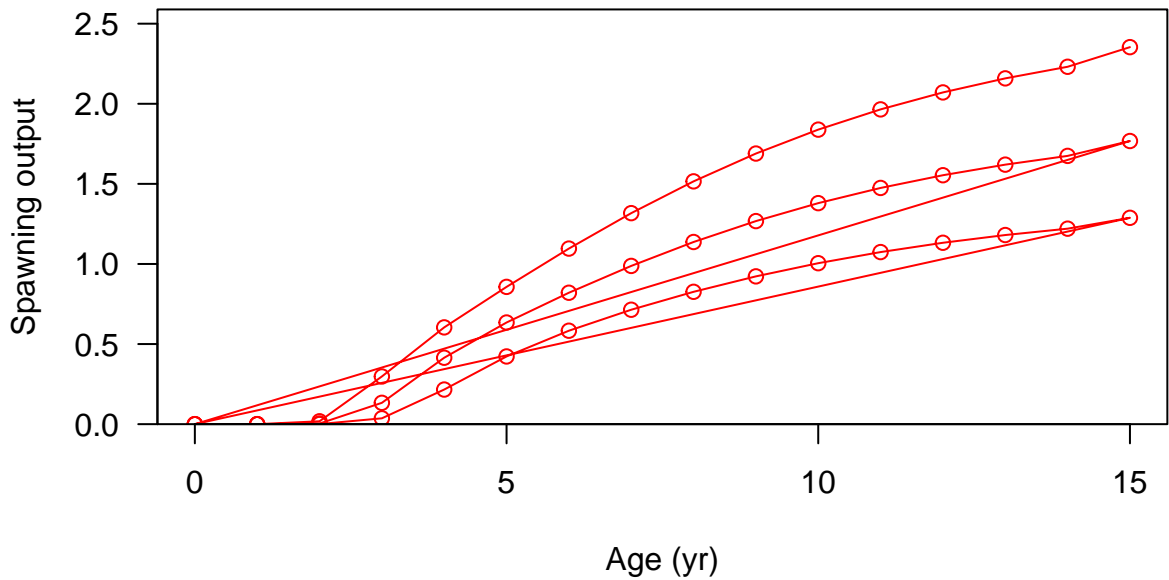
30

40

50

Length (cm)







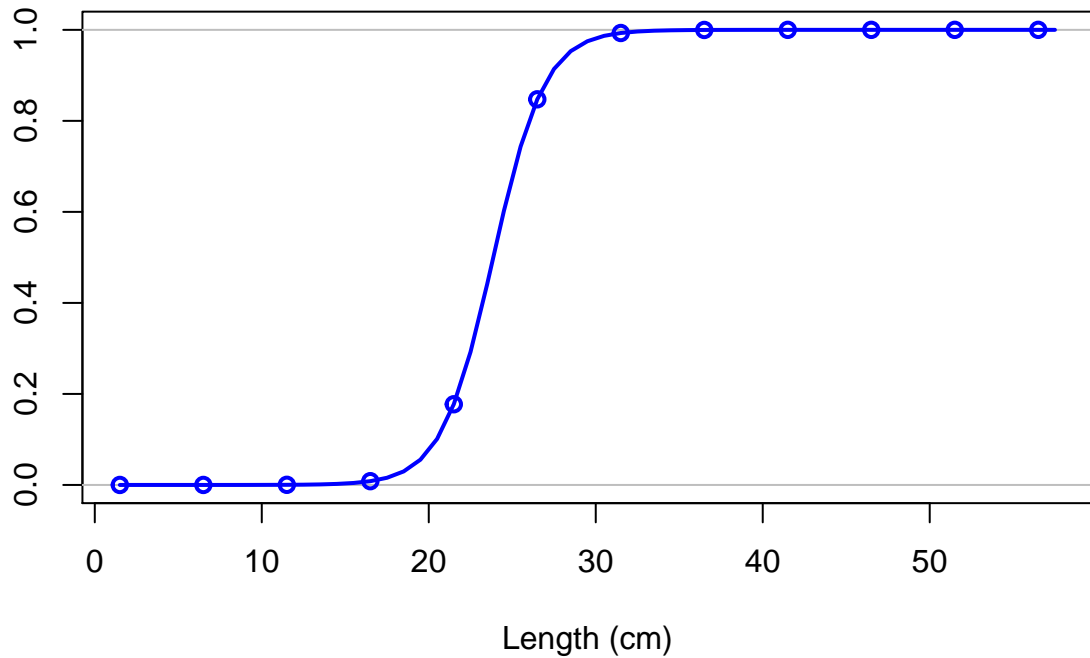
Hermaphroditism transition rate



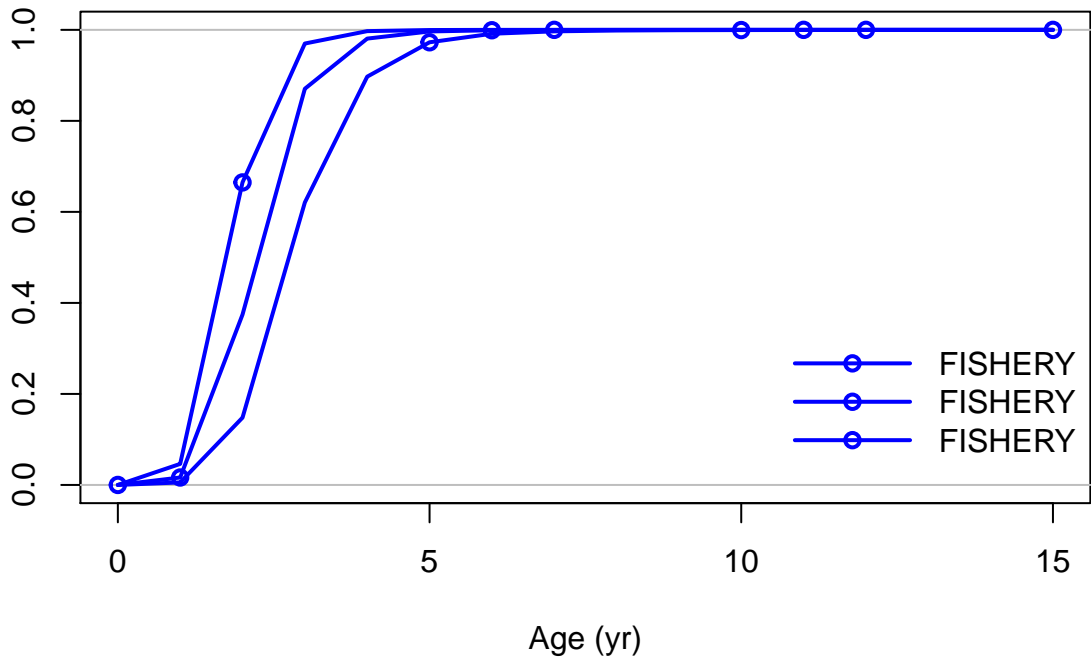
Fraction females by age at equilibrium



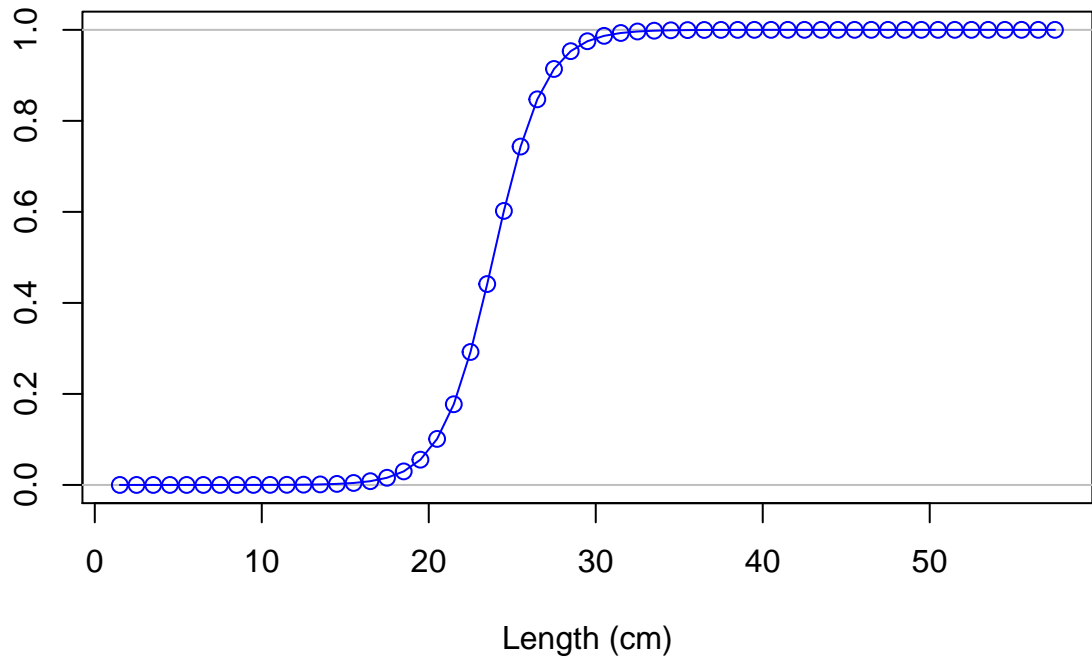
Selectivity



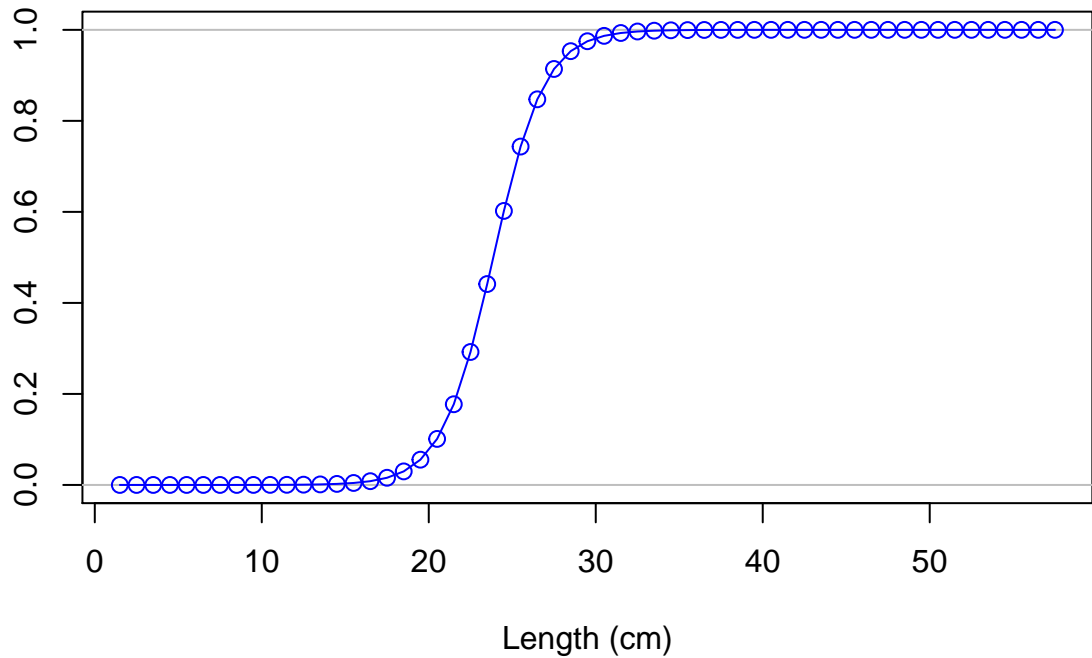
Selectivity

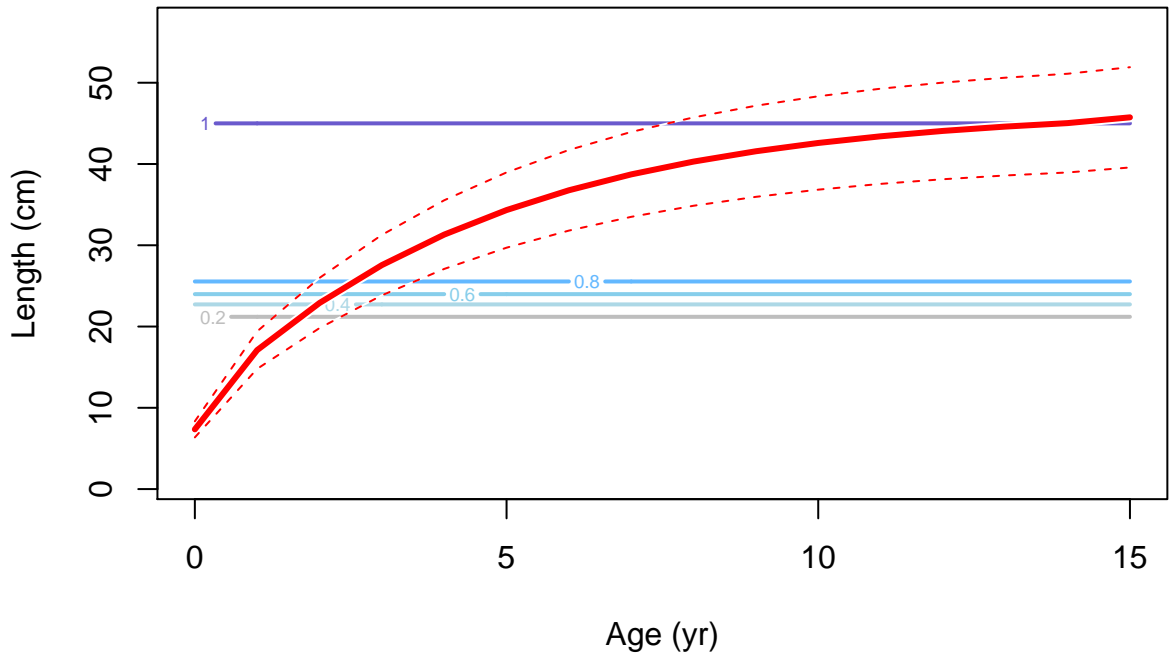


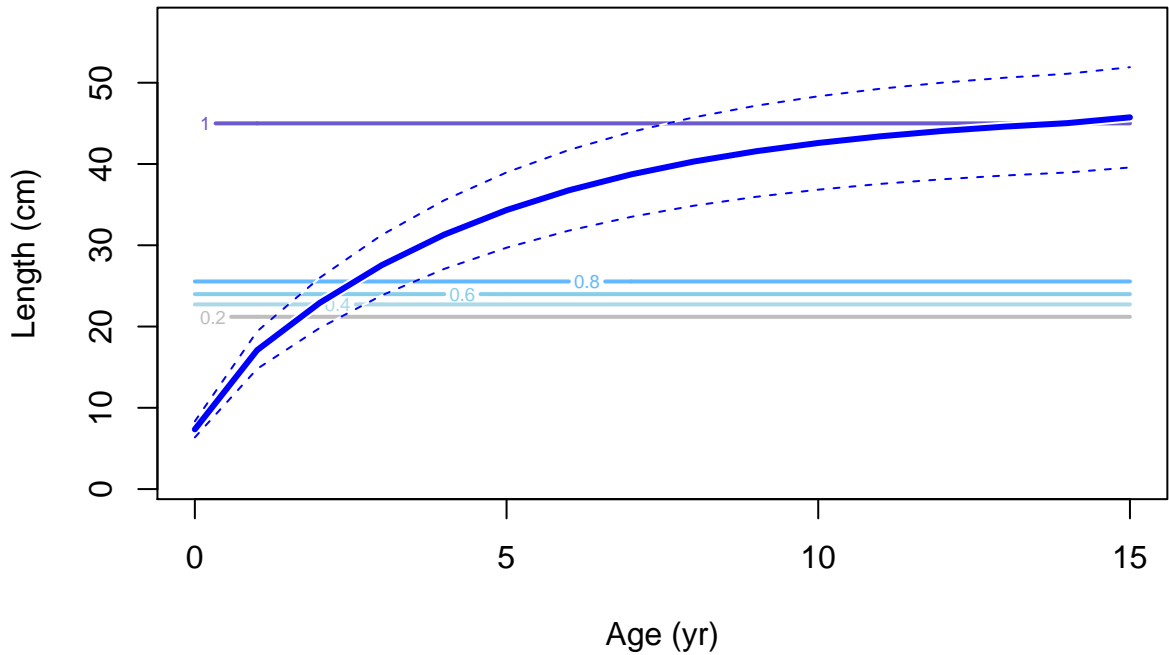
Selectivity



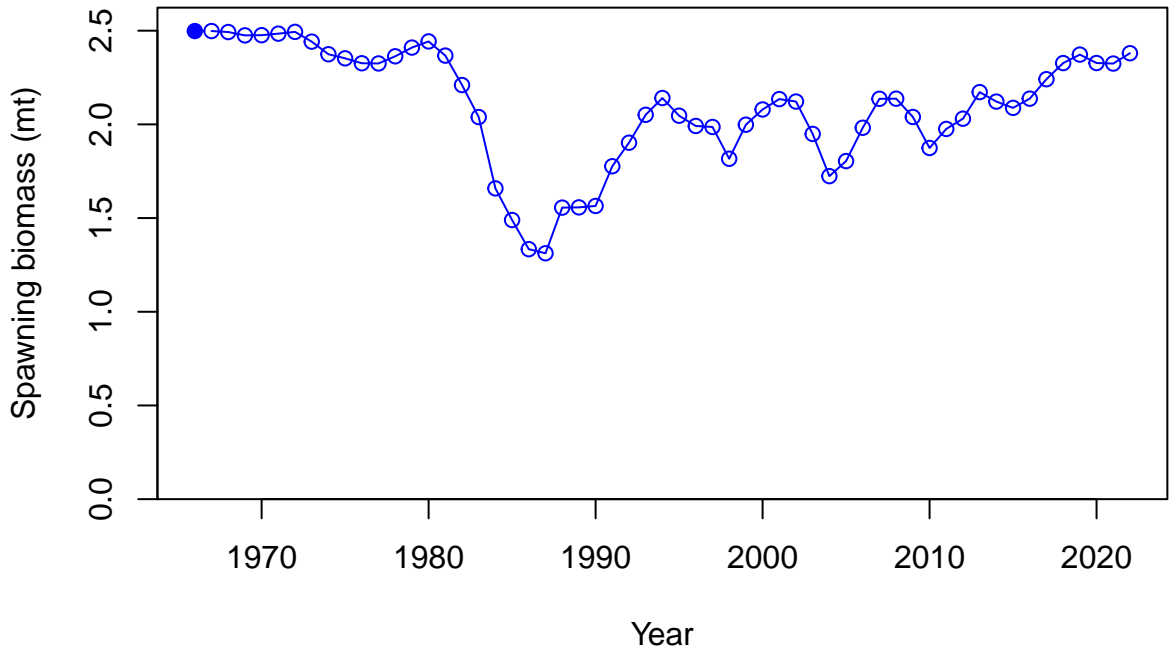
Selectivity



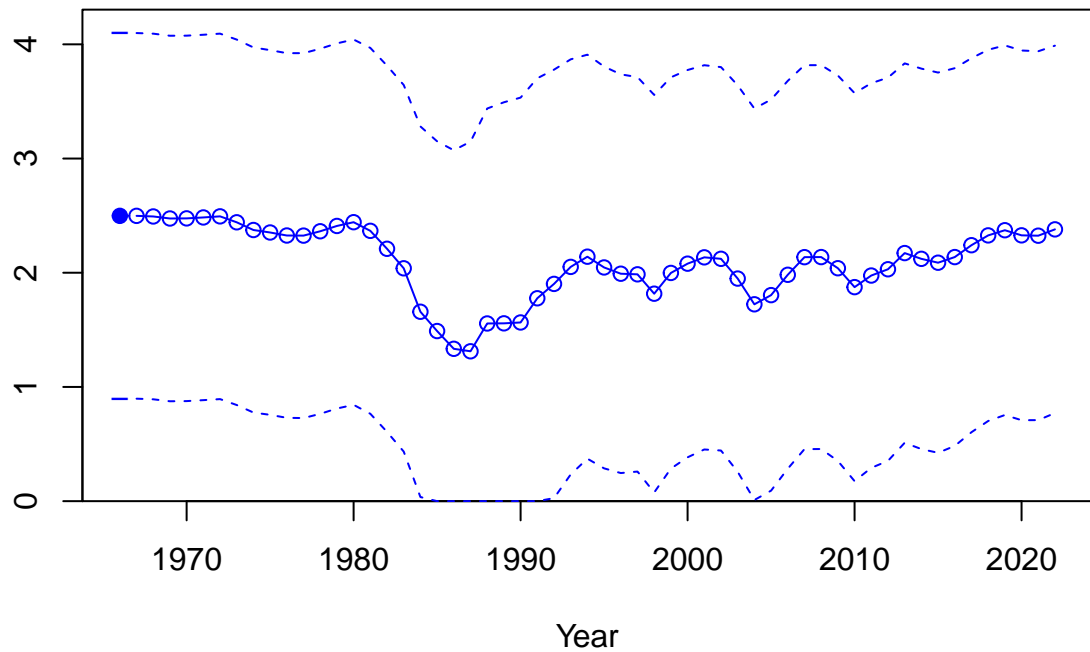




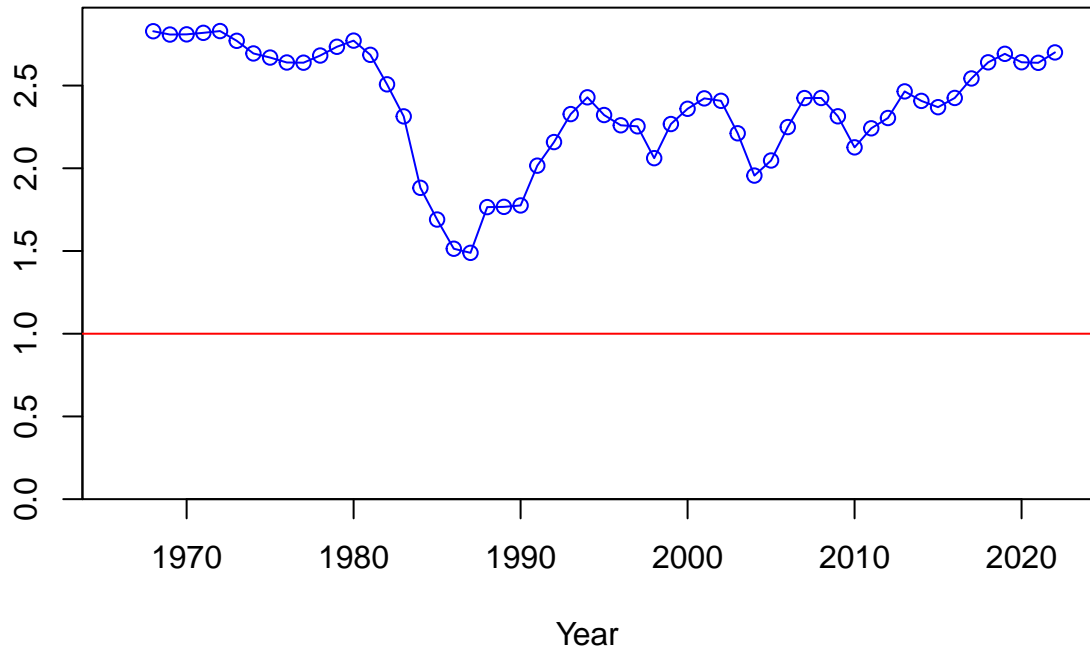




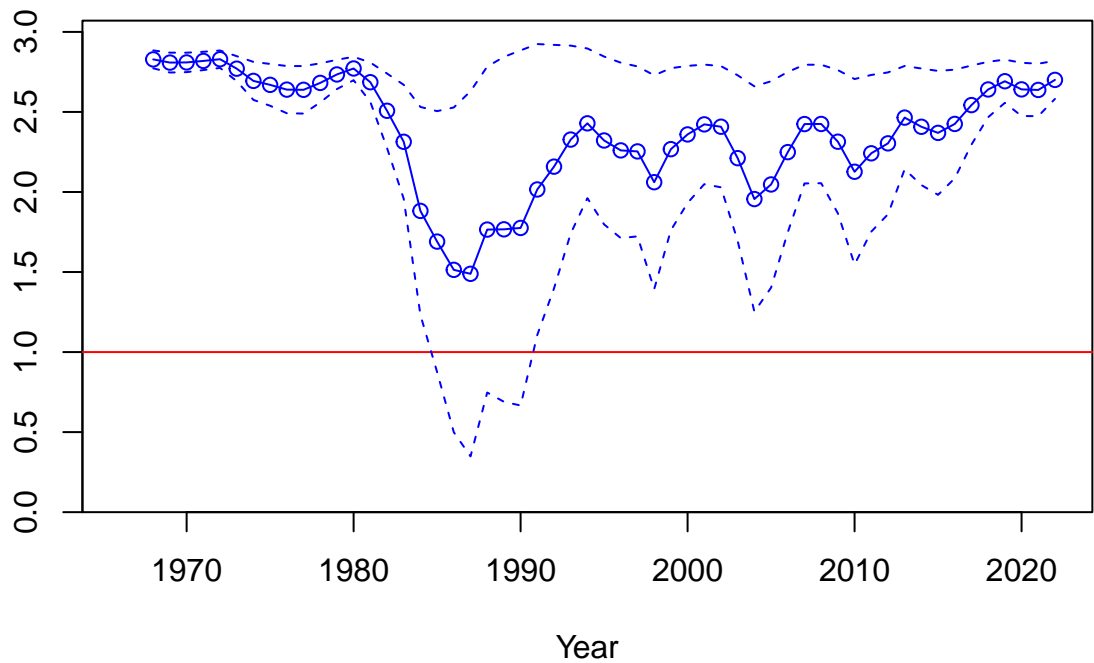
Spawning biomass (mt)

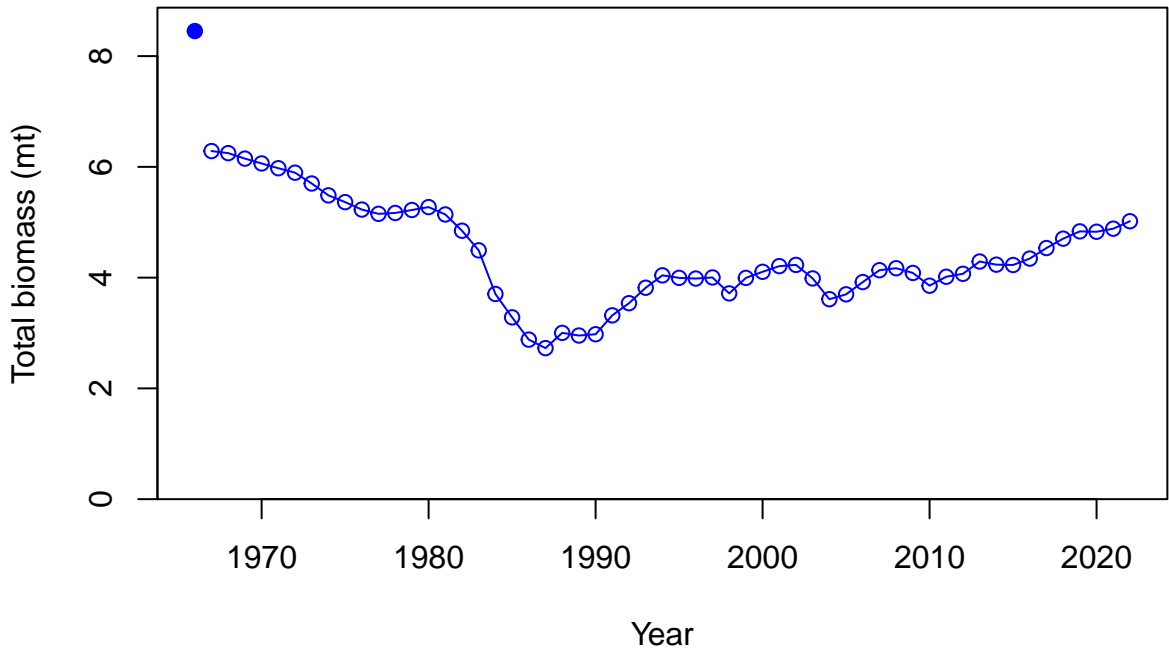


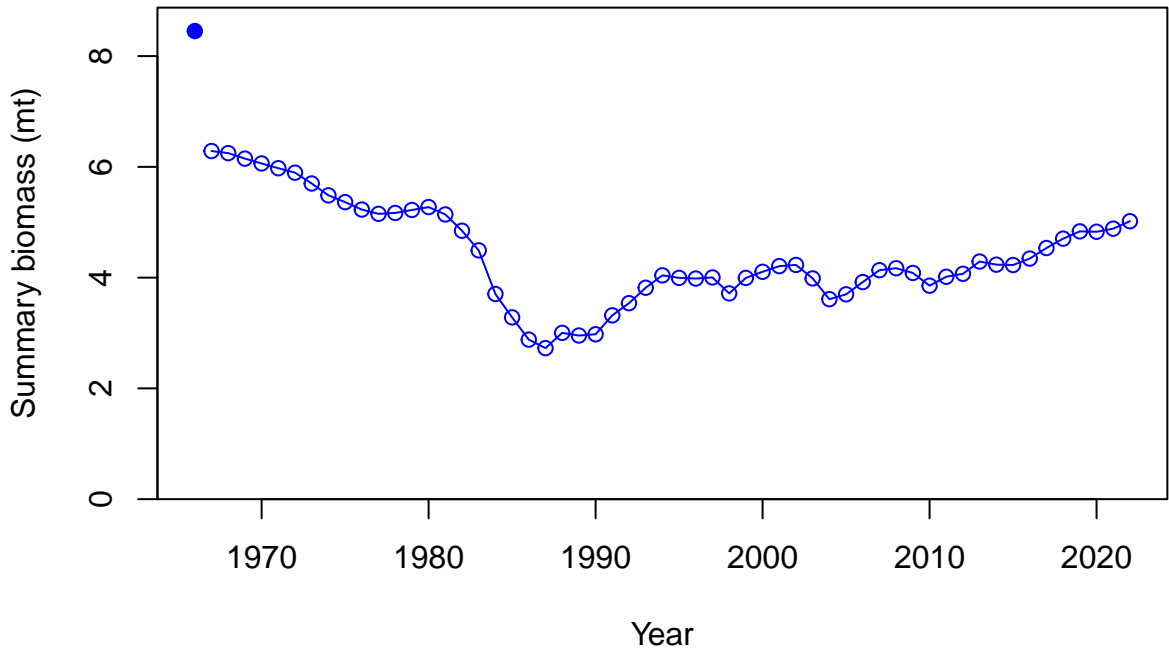
Relative spawning biomass:  $B/B_{MSY}$

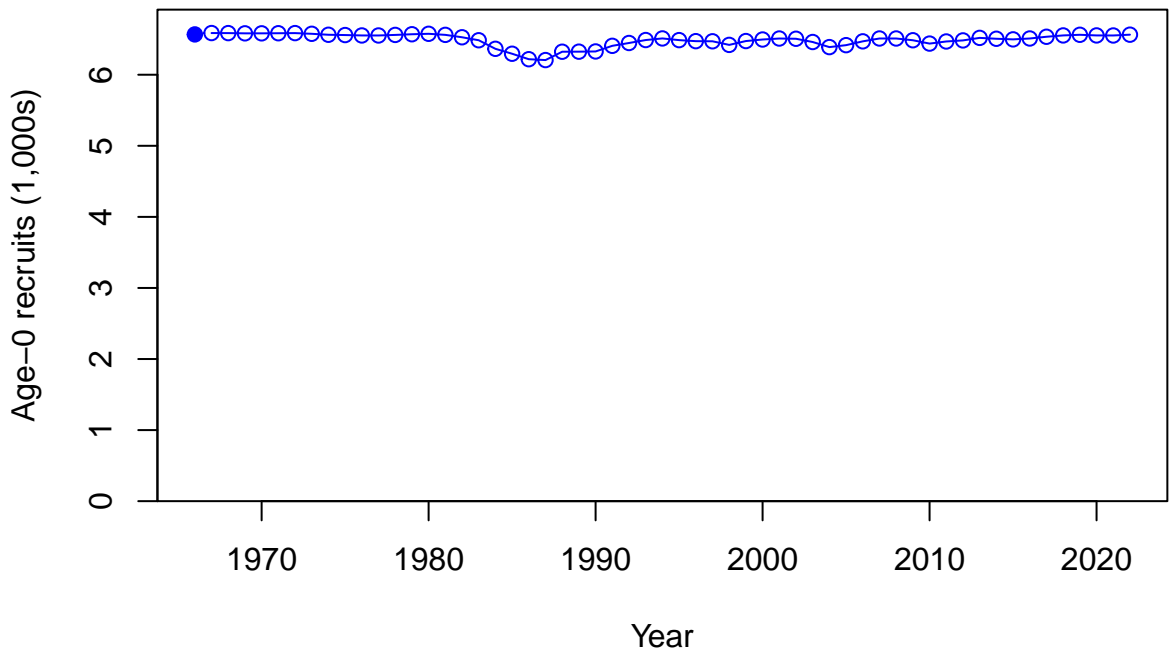


Relative spawning biomass:  $B/B_{MSY}$

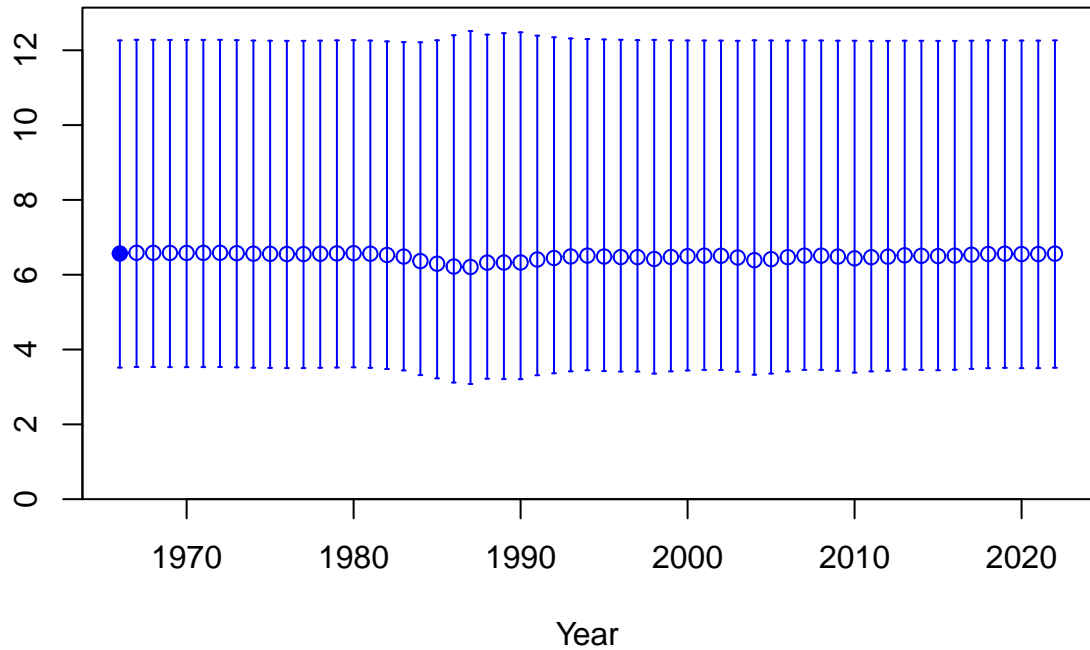






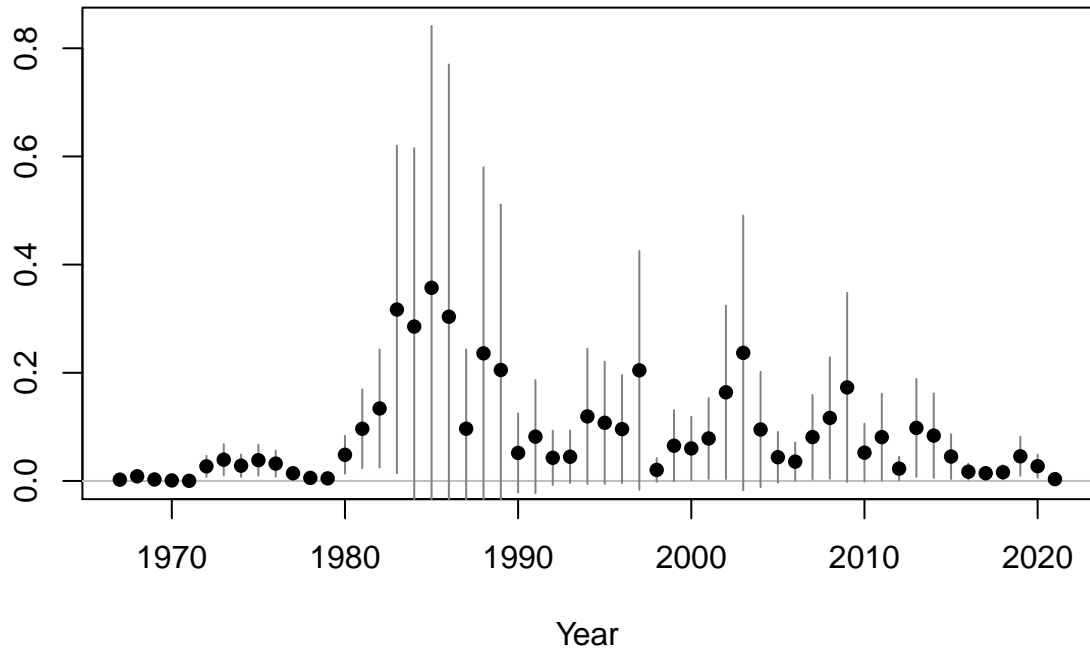


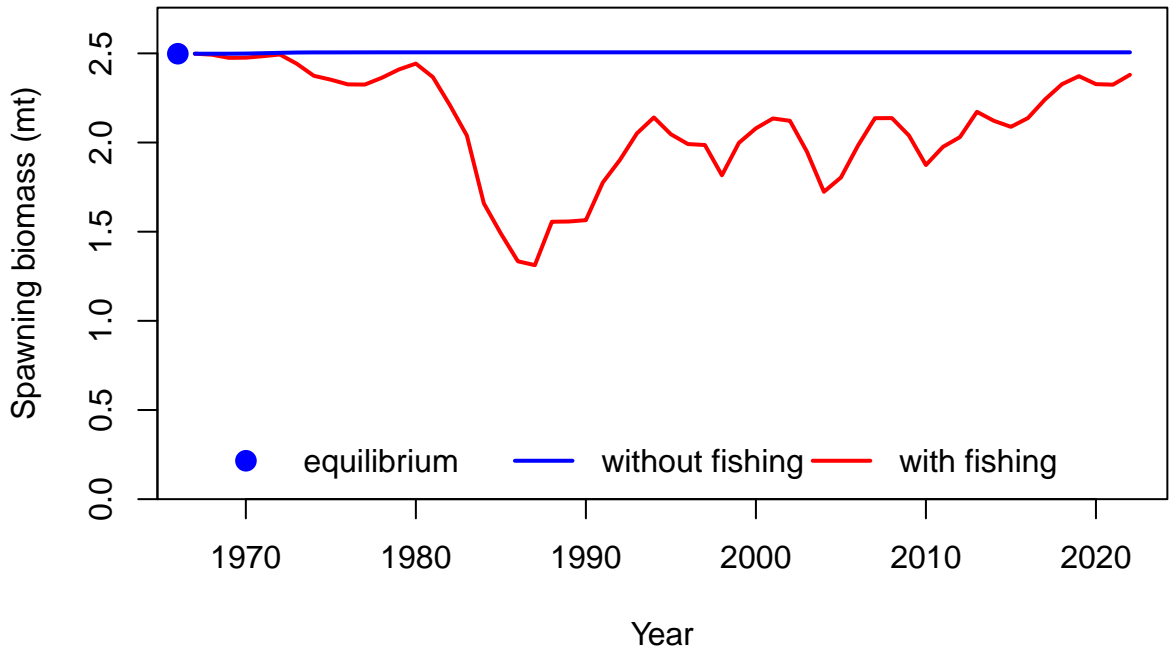
Age-0 recruits (1,000s)

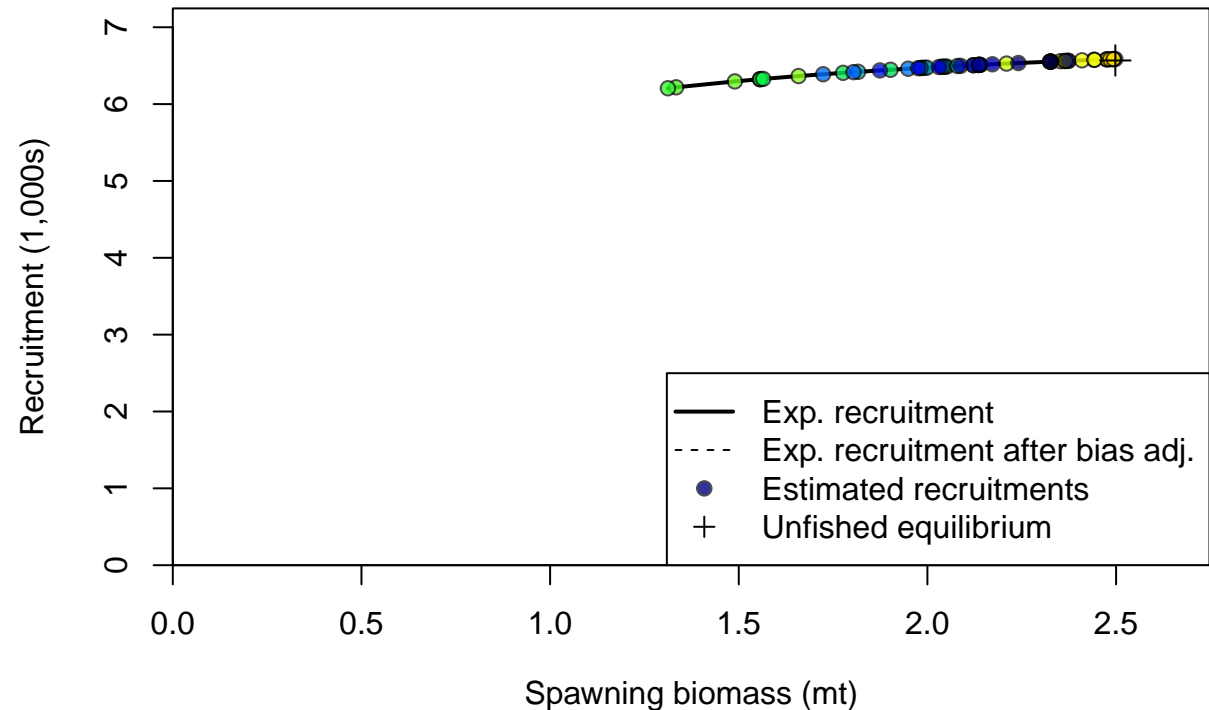




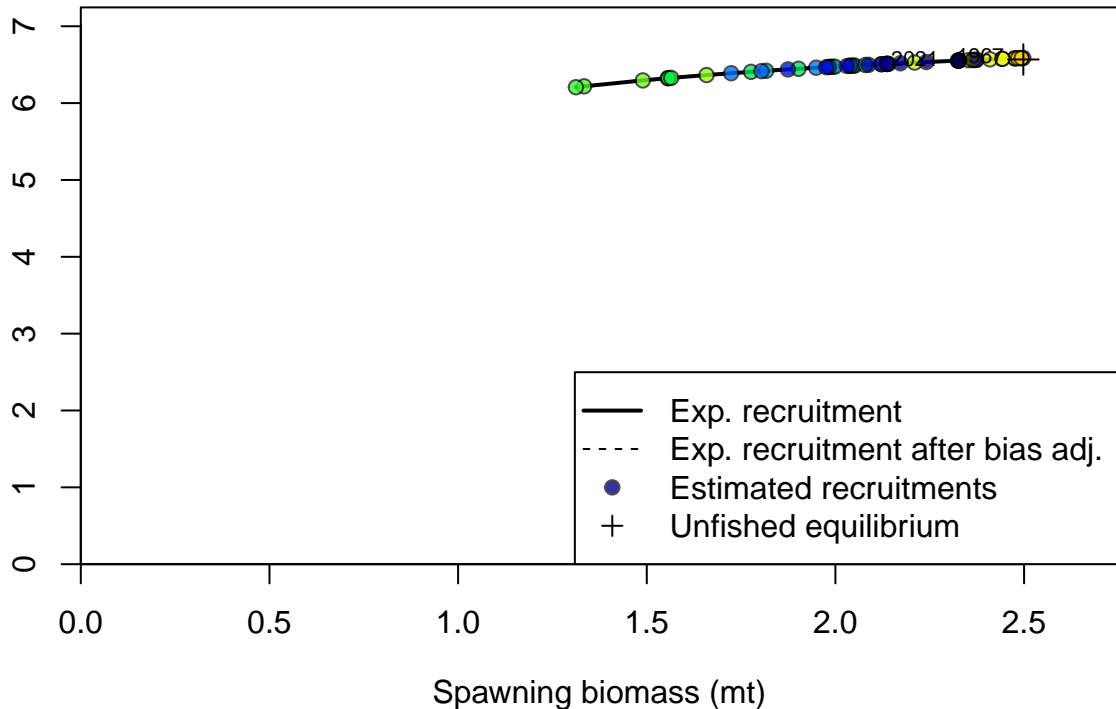
Summary Fishing Mortality

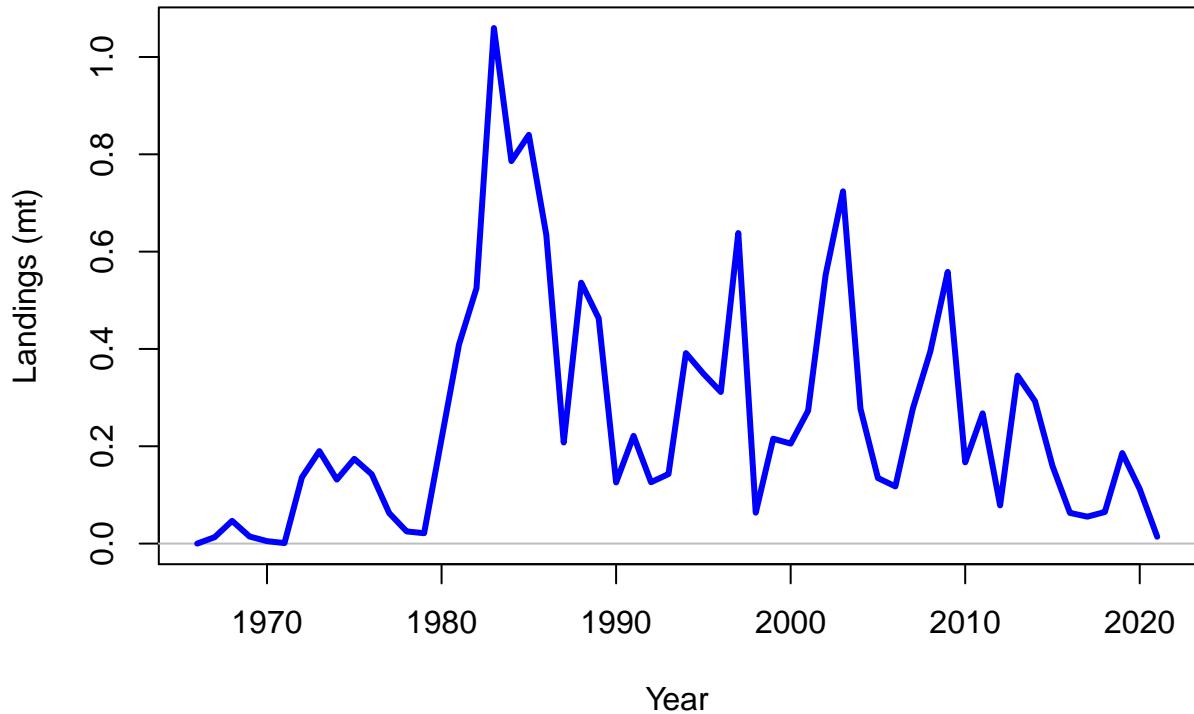


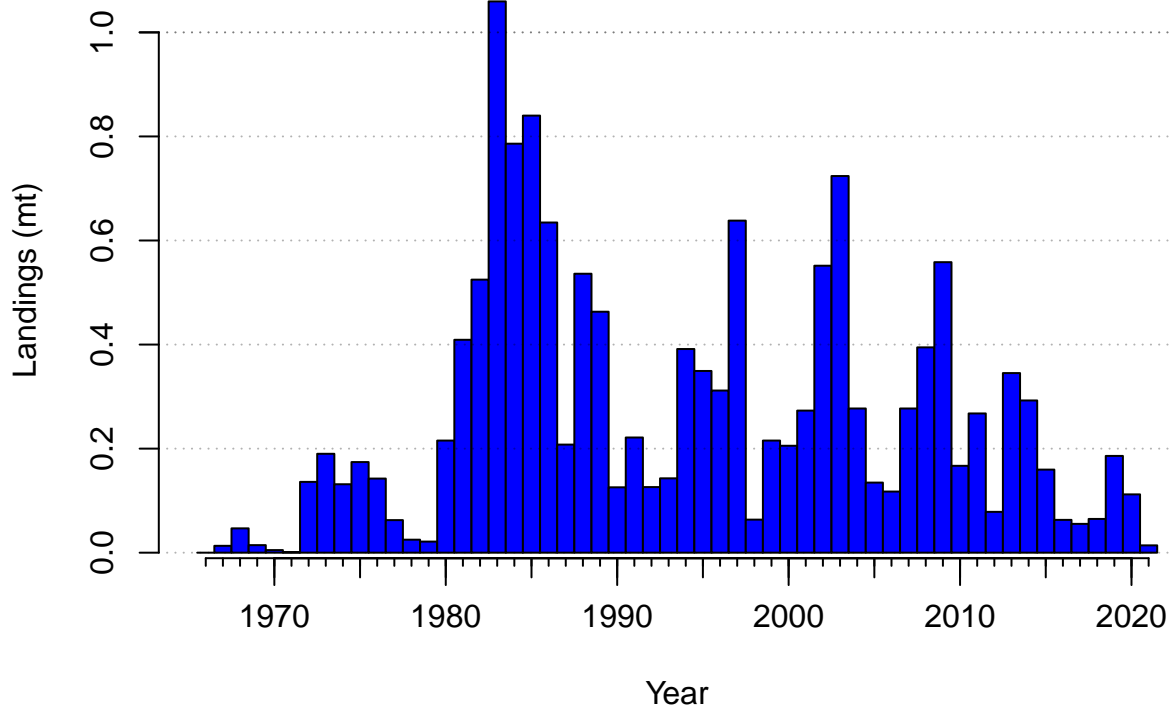


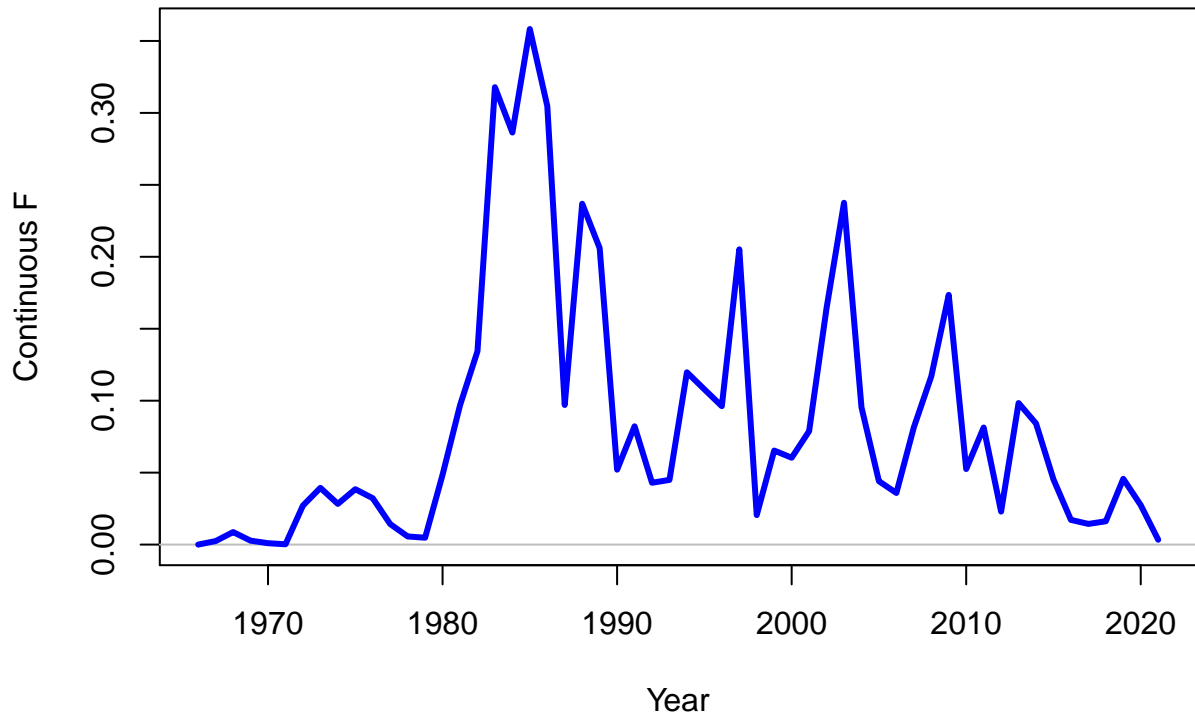


Recruitment (1,000s)

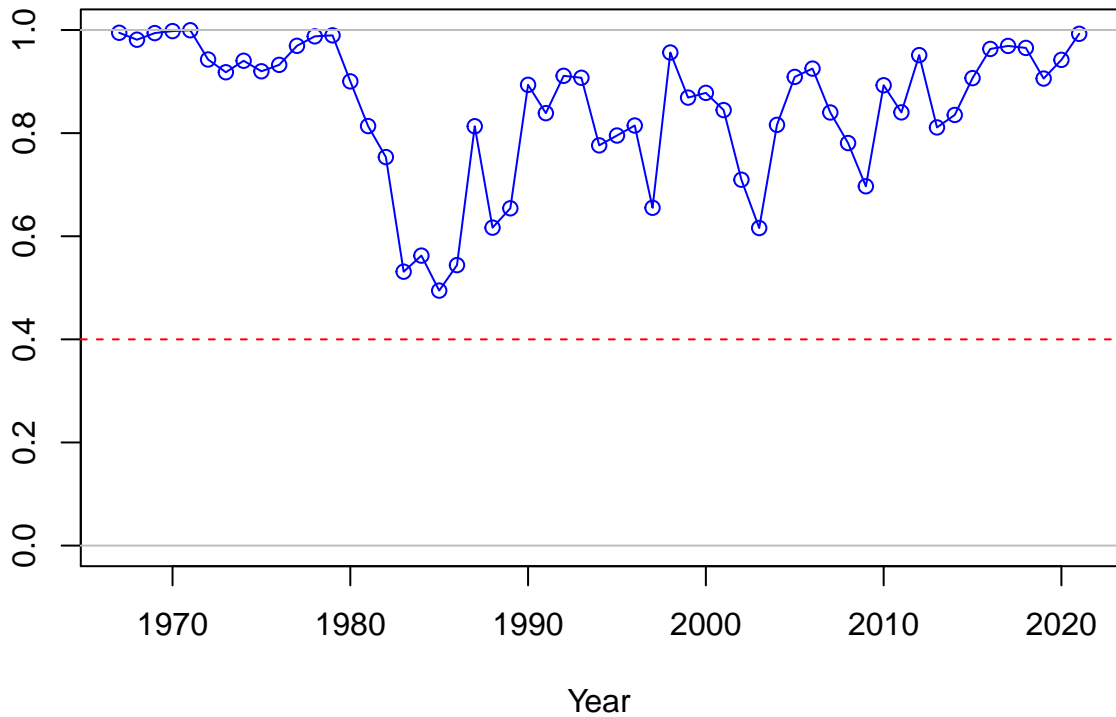




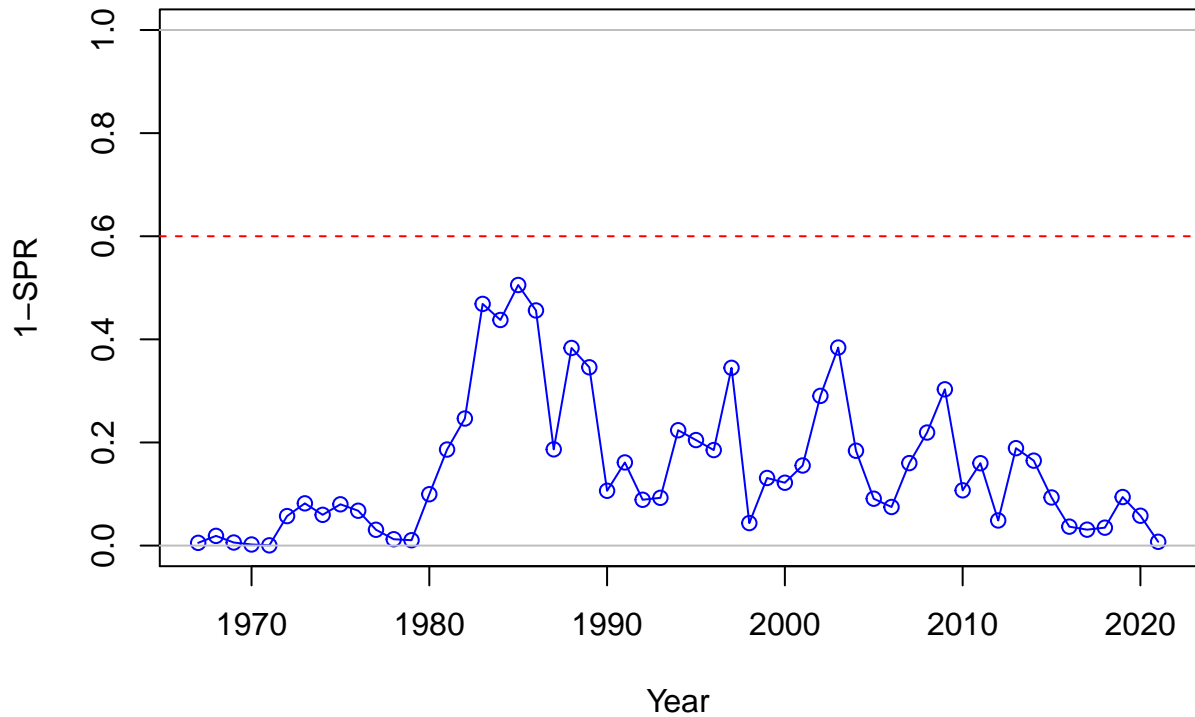




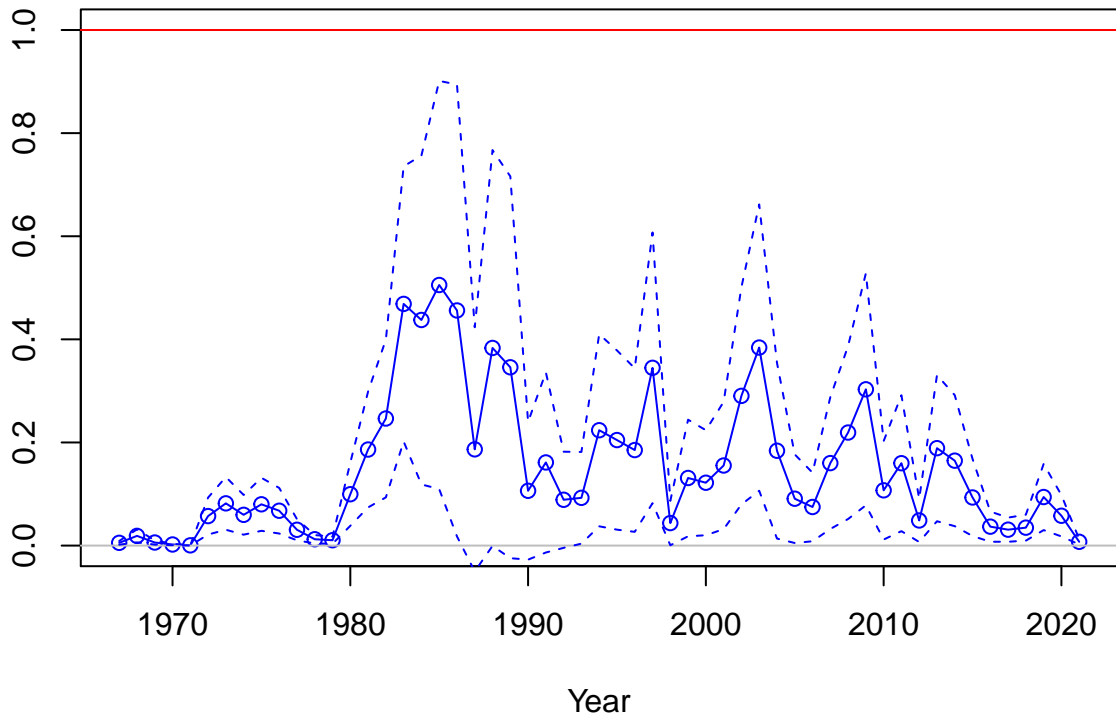
SPR



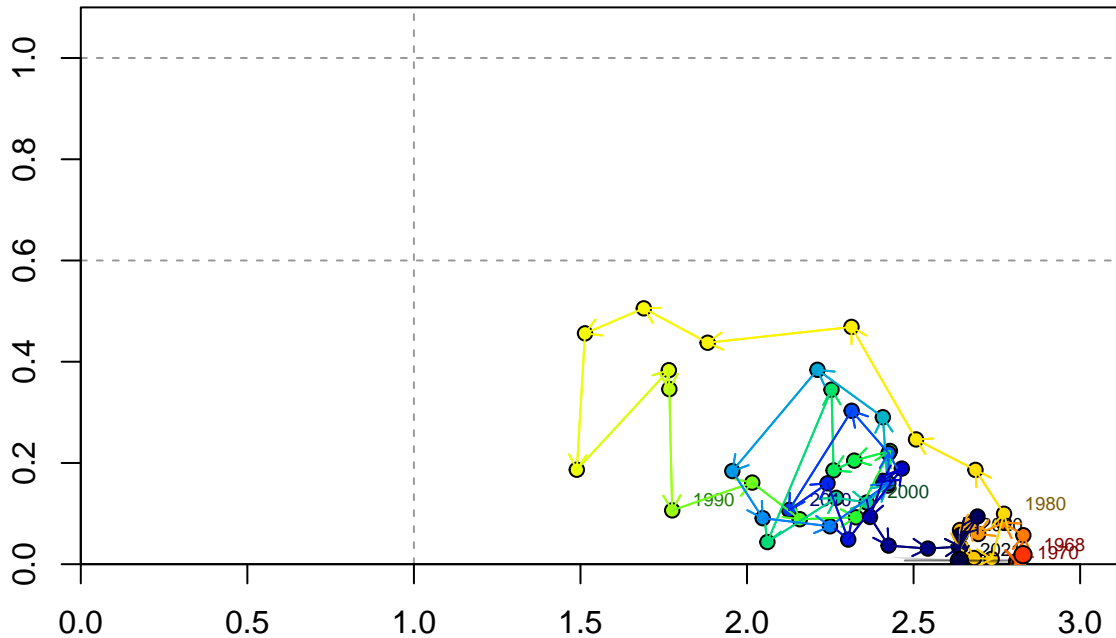




Fishing intensity: 1-SPR



Fishing intensity: 1-SPR



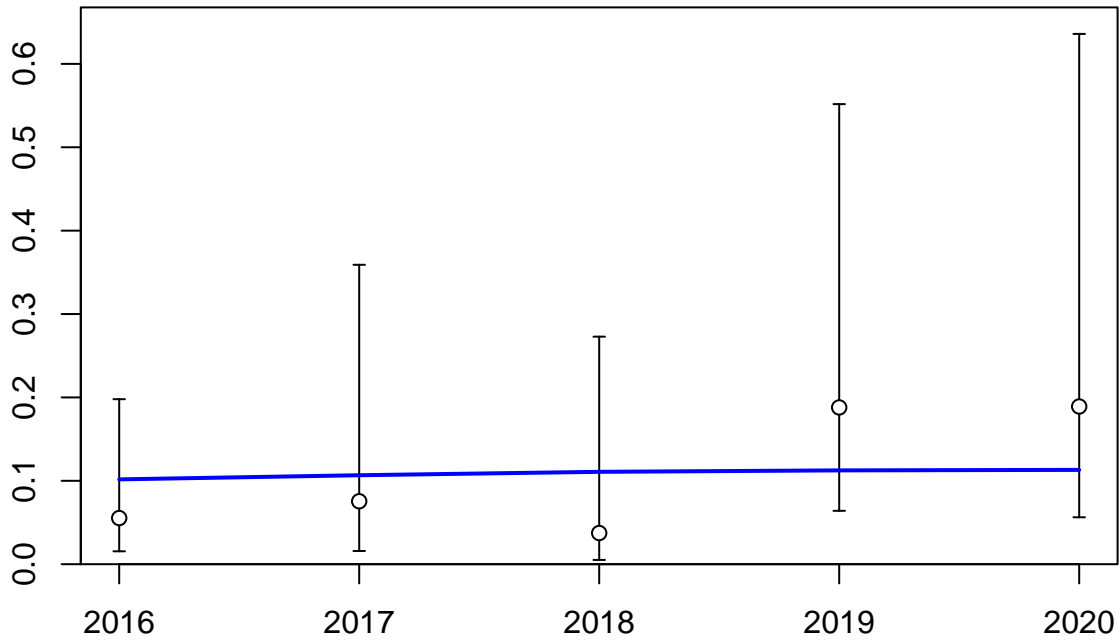
Relative spawning output:  $B/B_{MSY}$

Index

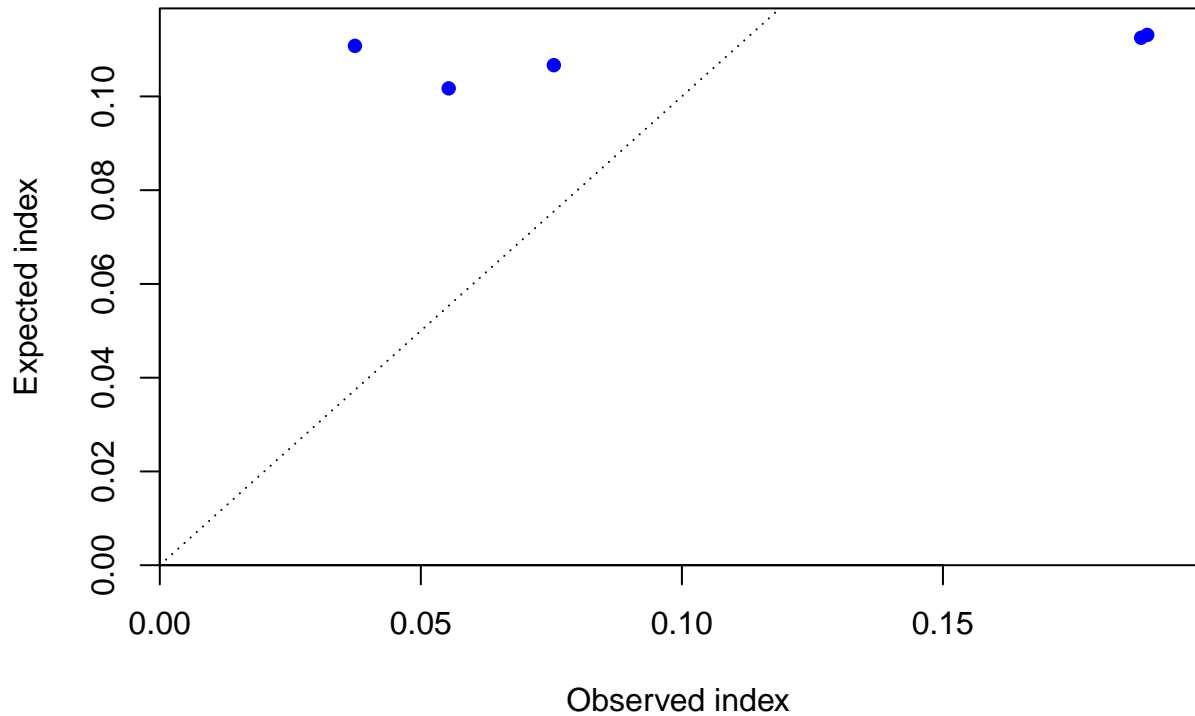


Year

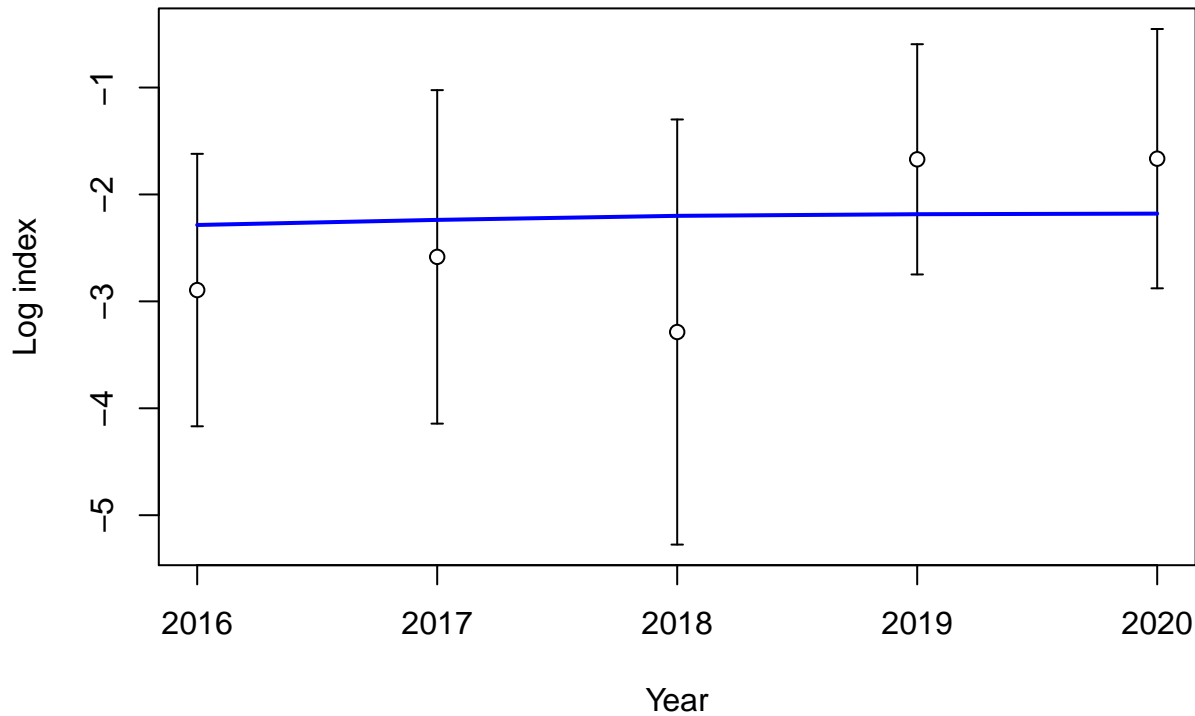
Index



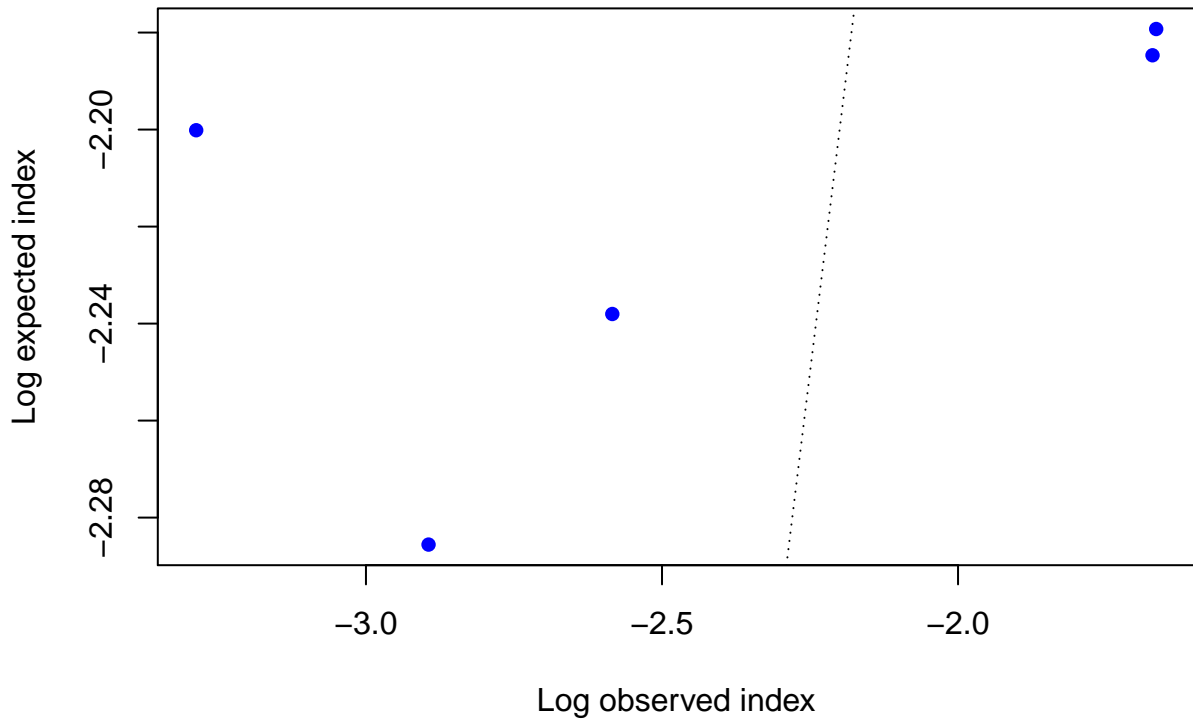
Year

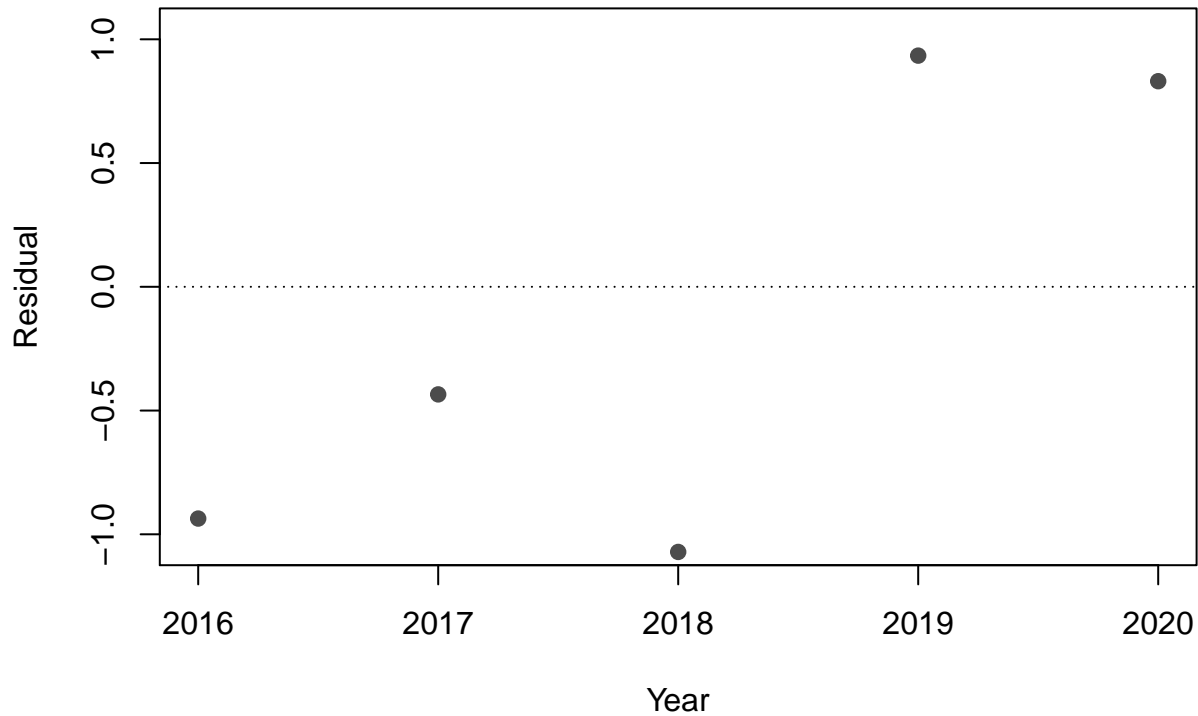




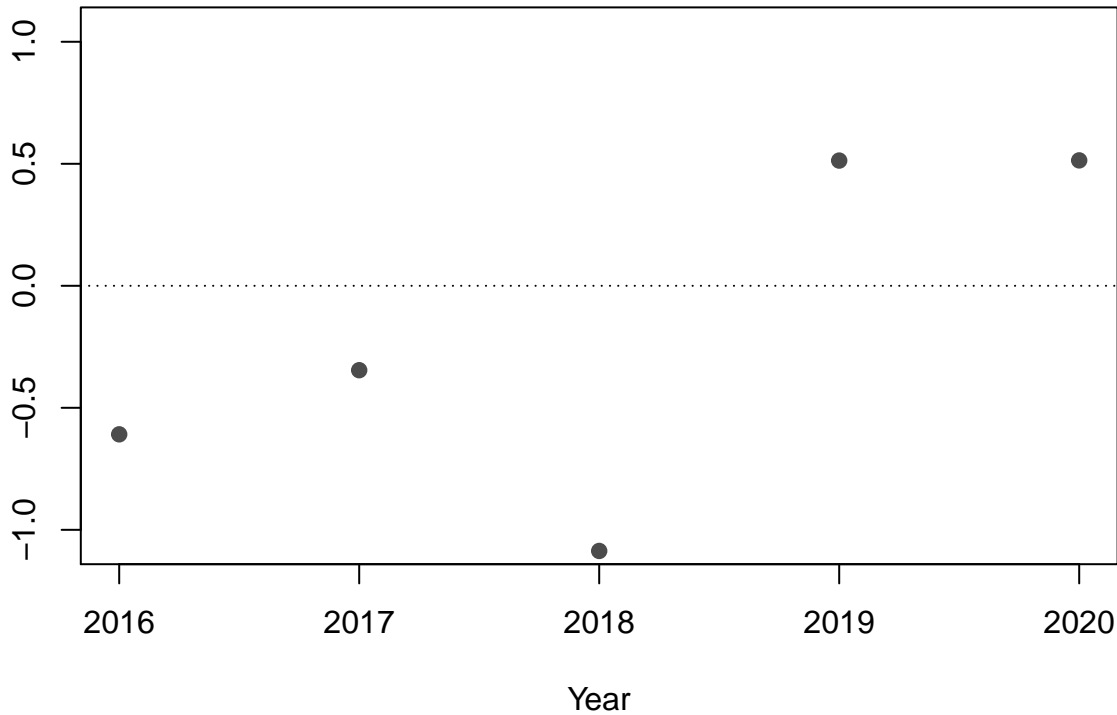






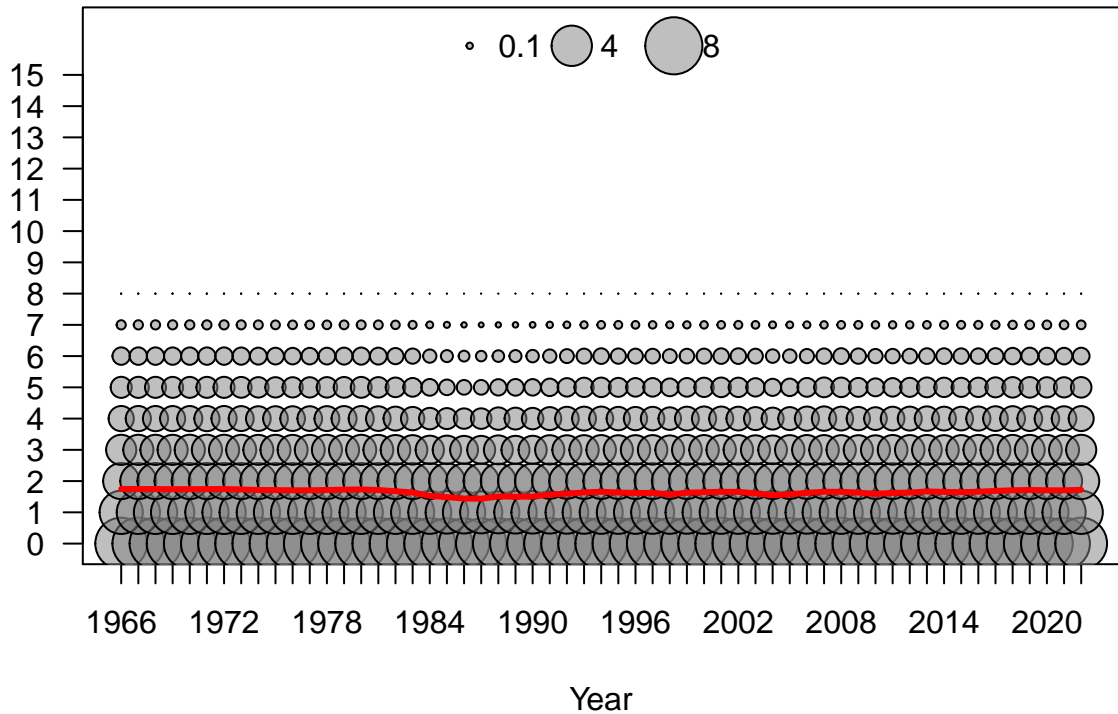


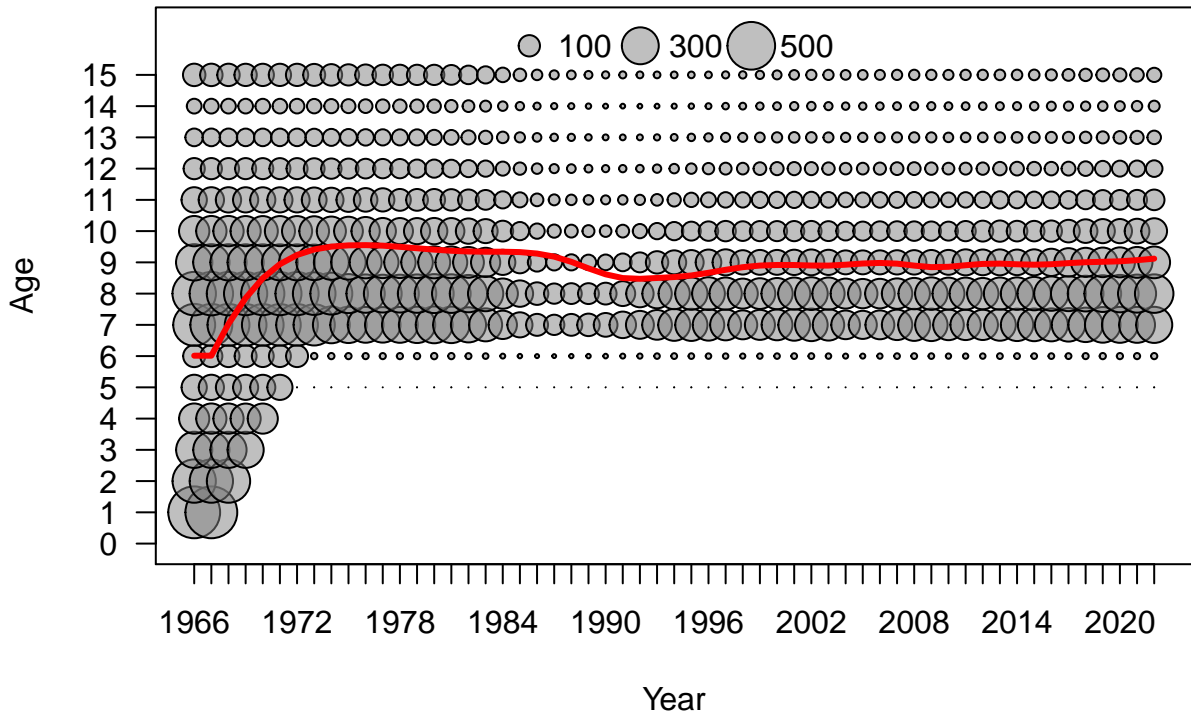
Deviation

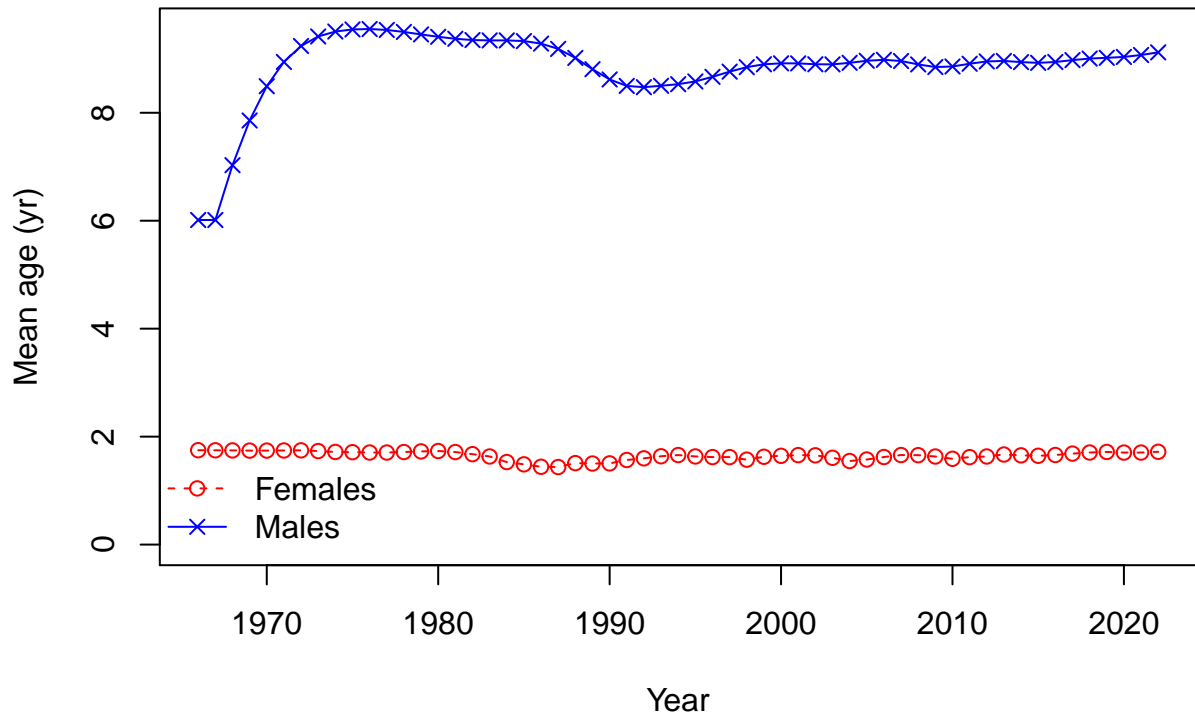




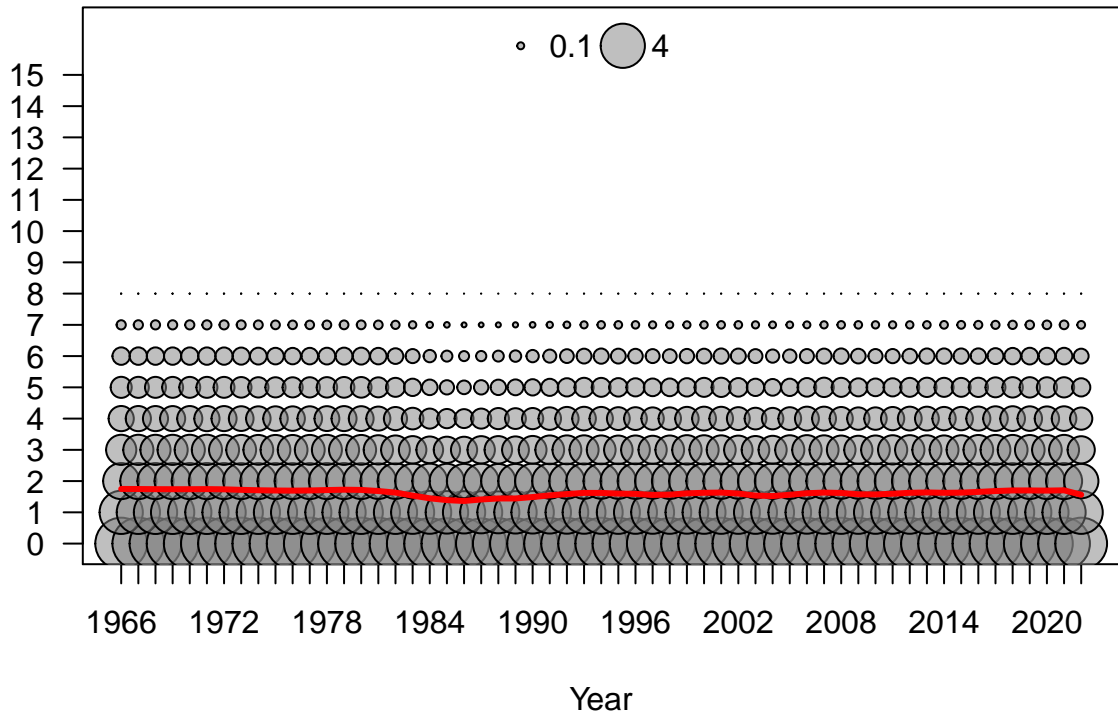
Age



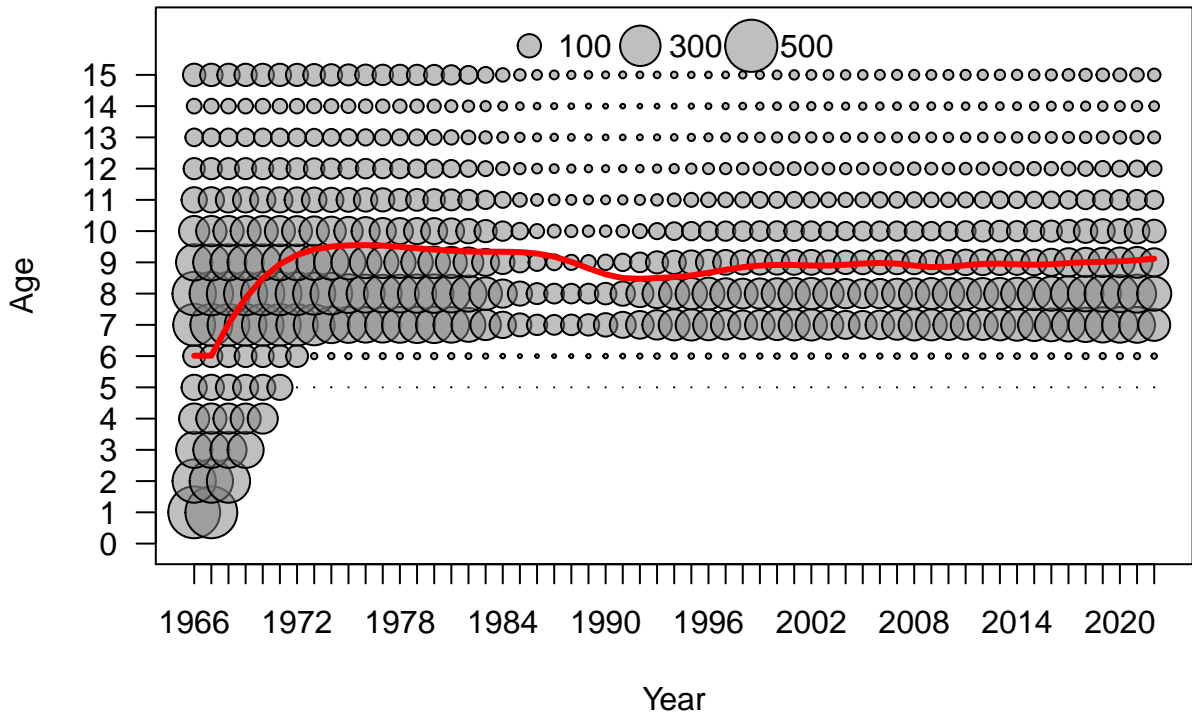


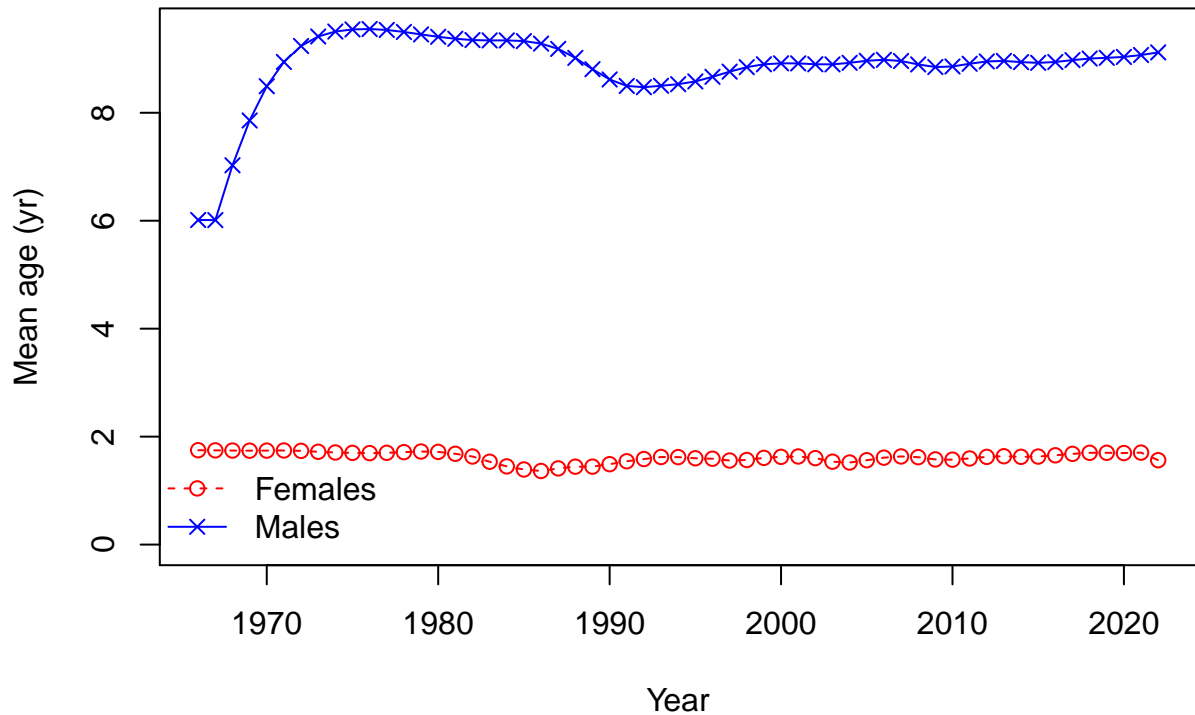


Age

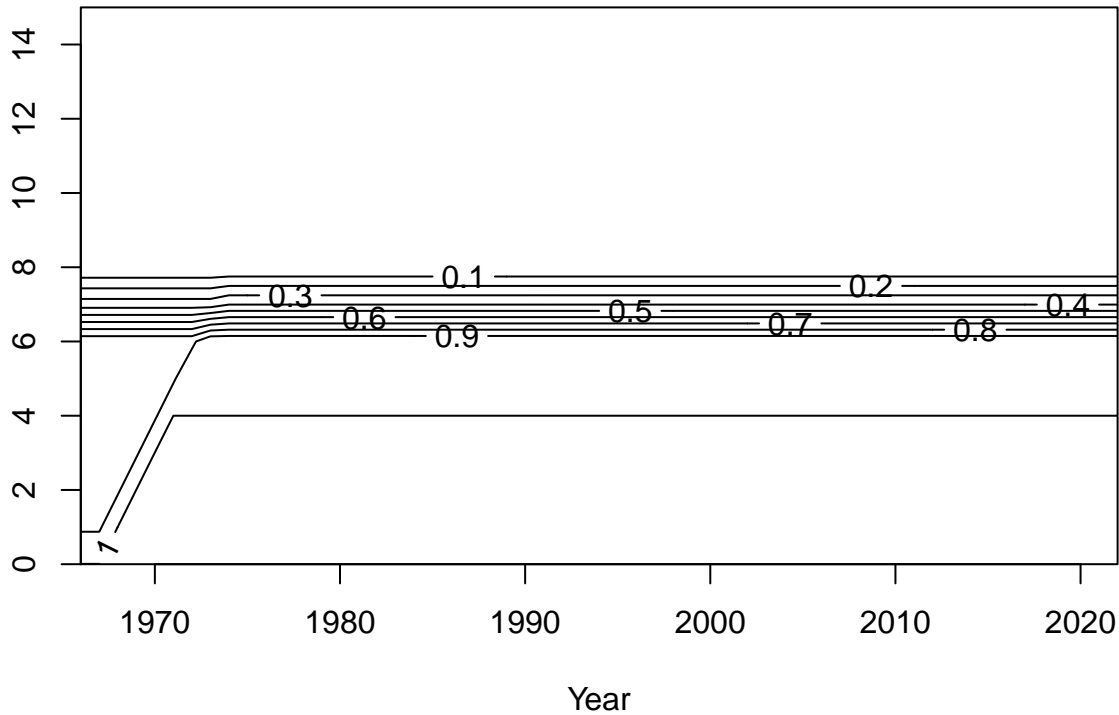


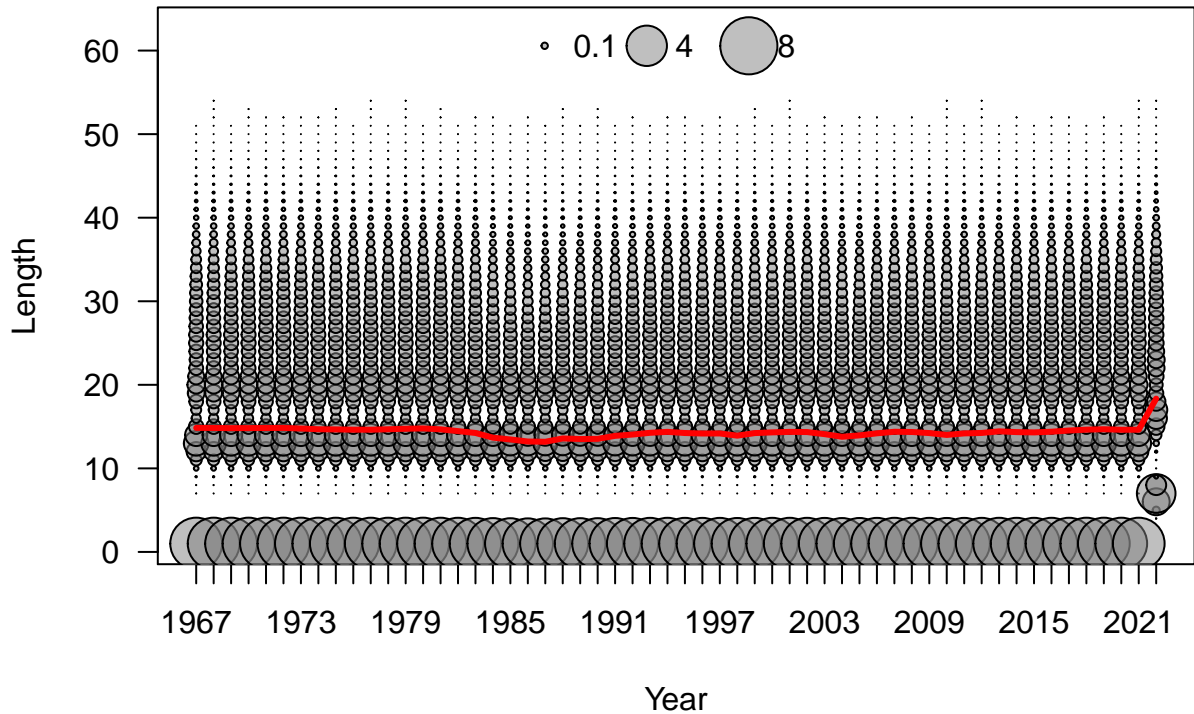


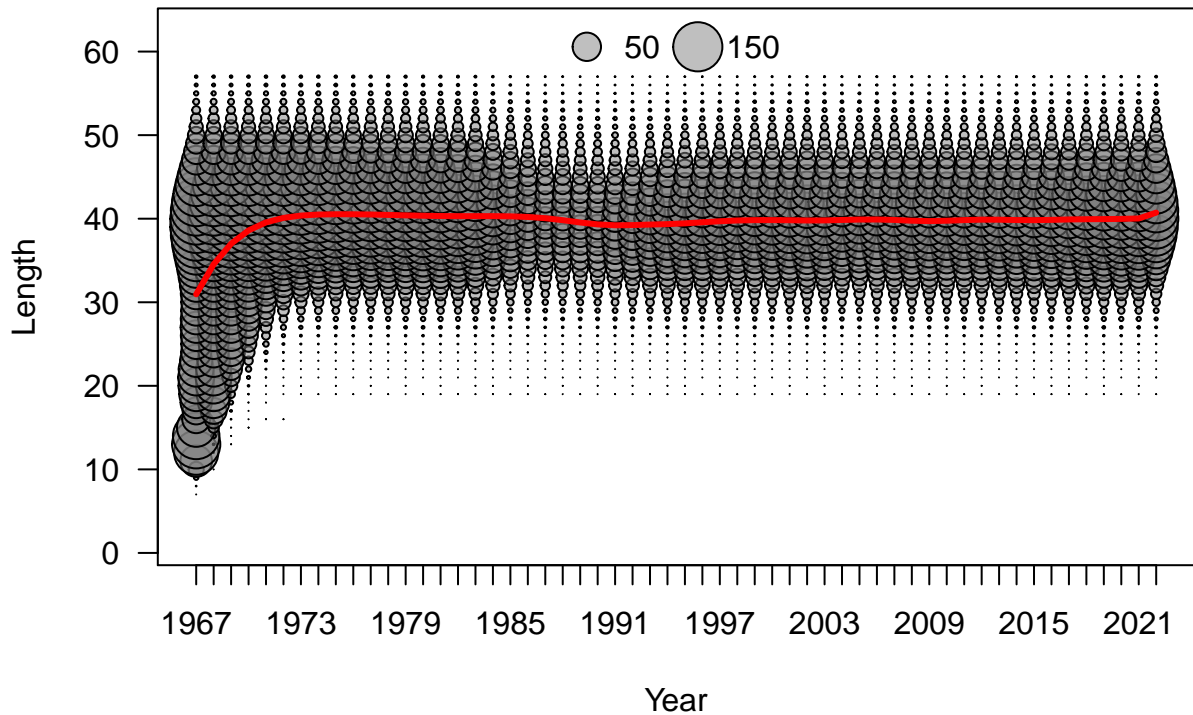


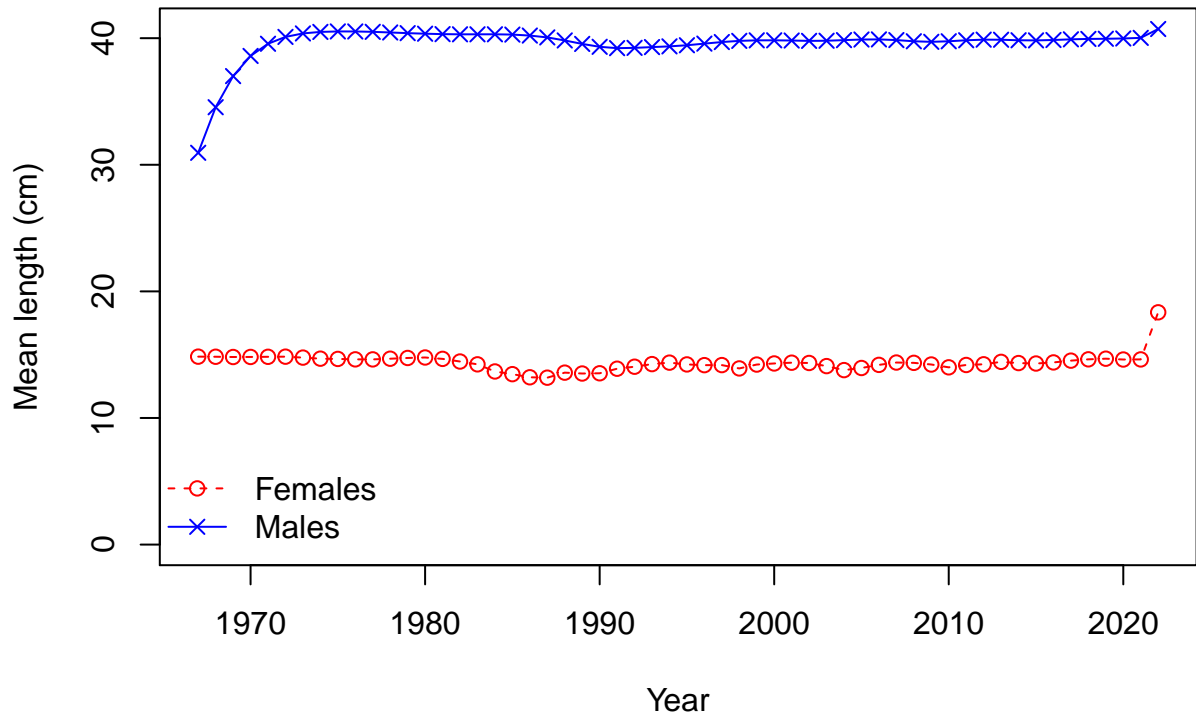


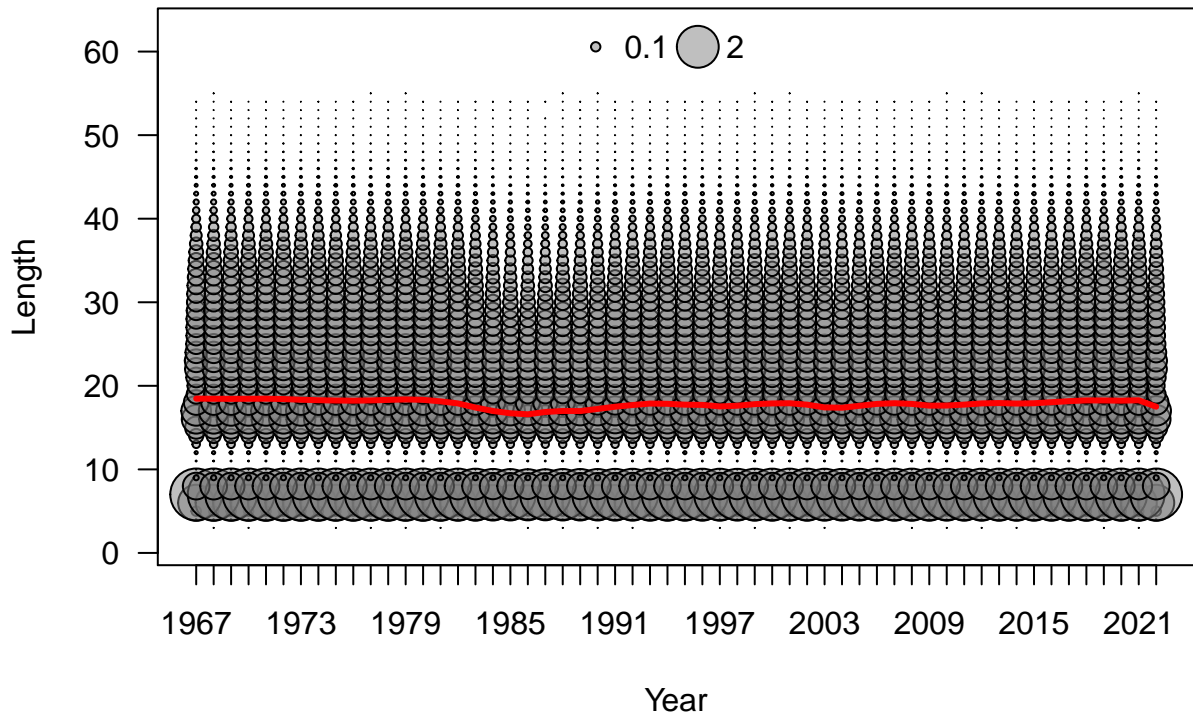
Age

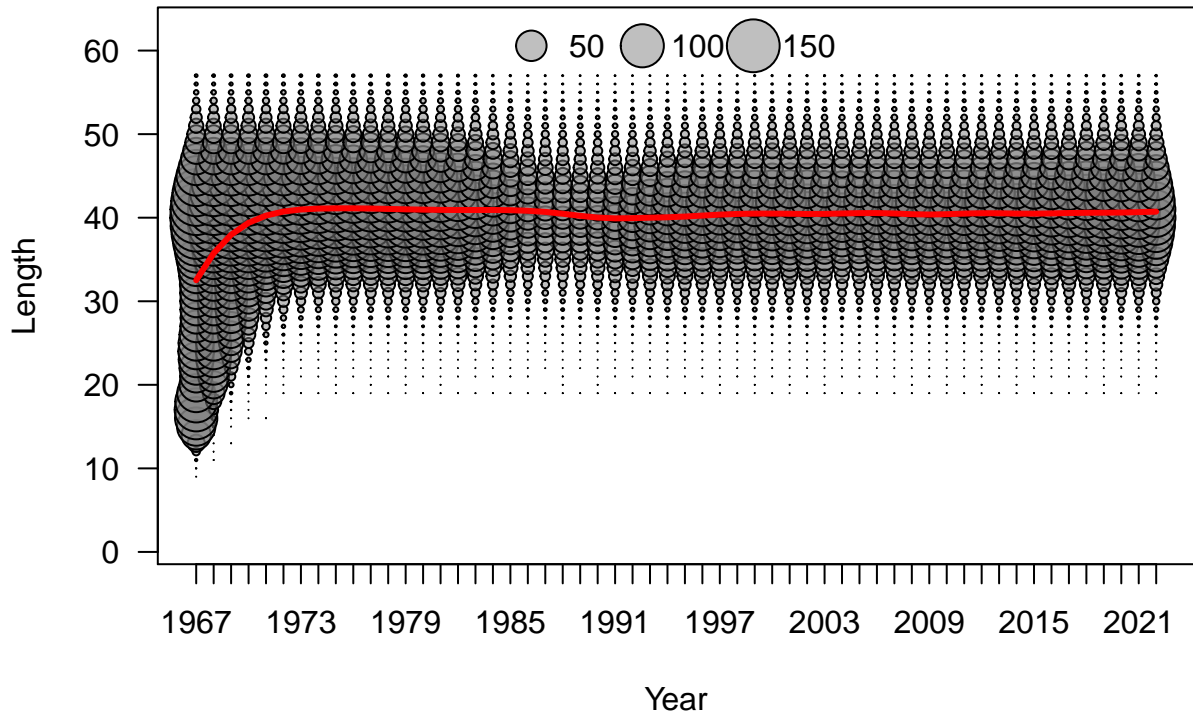




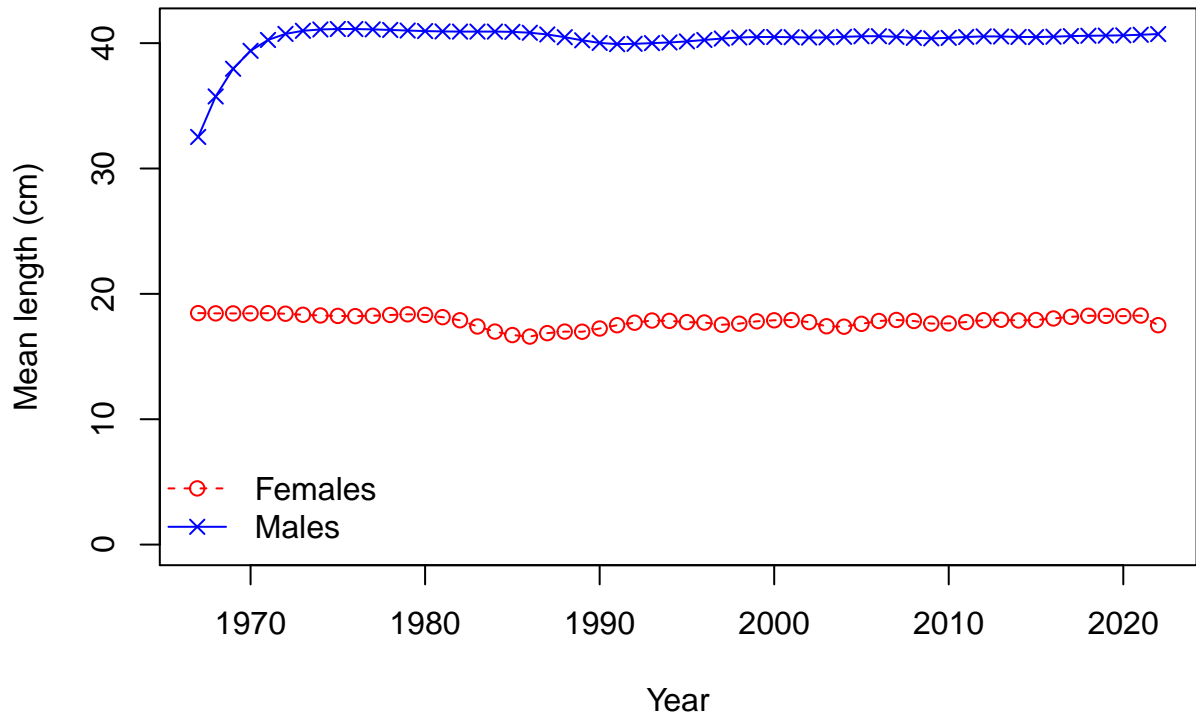


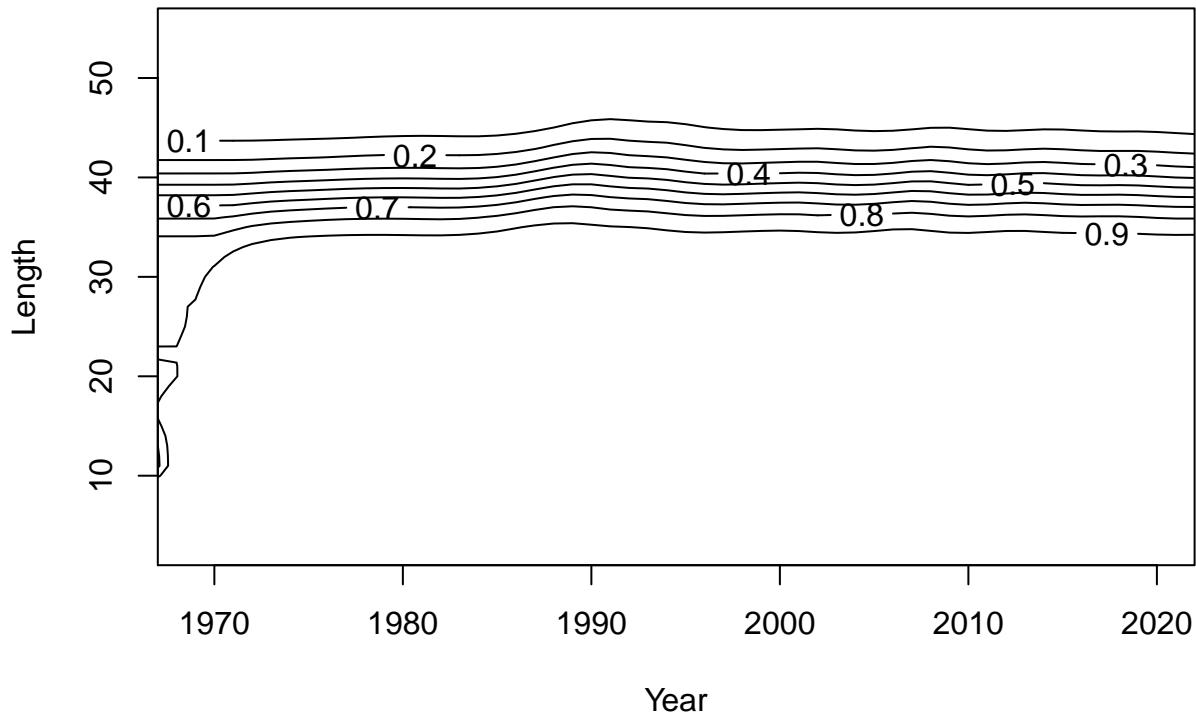


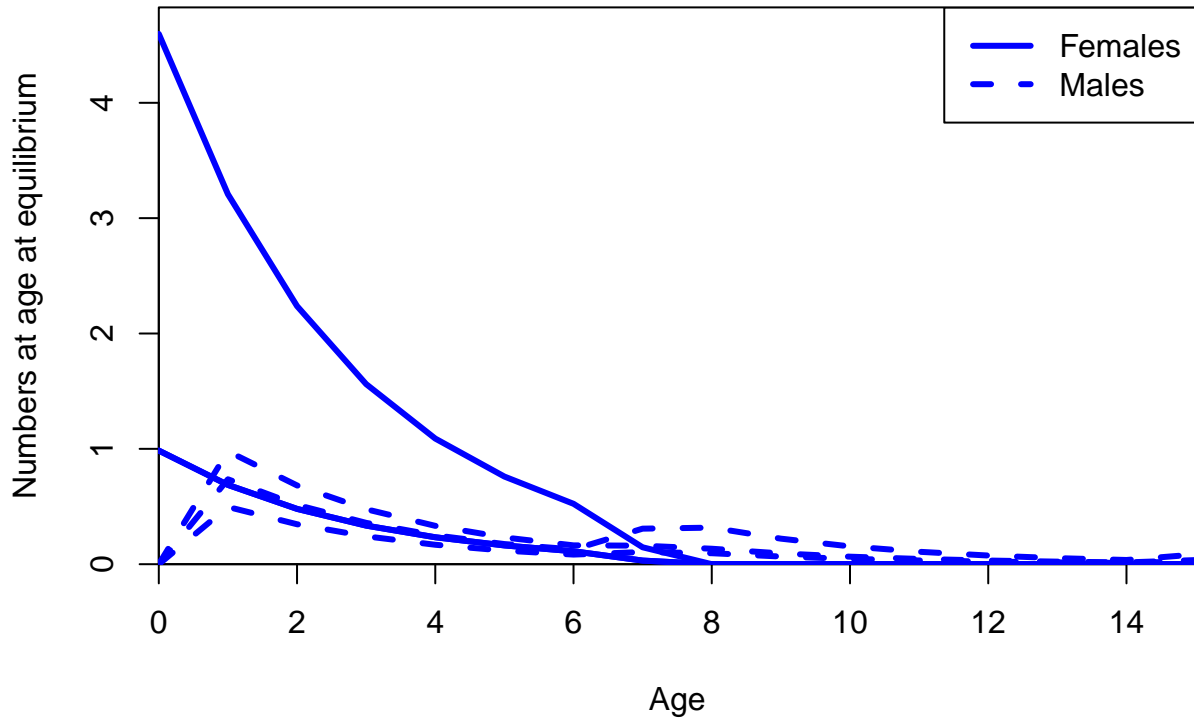


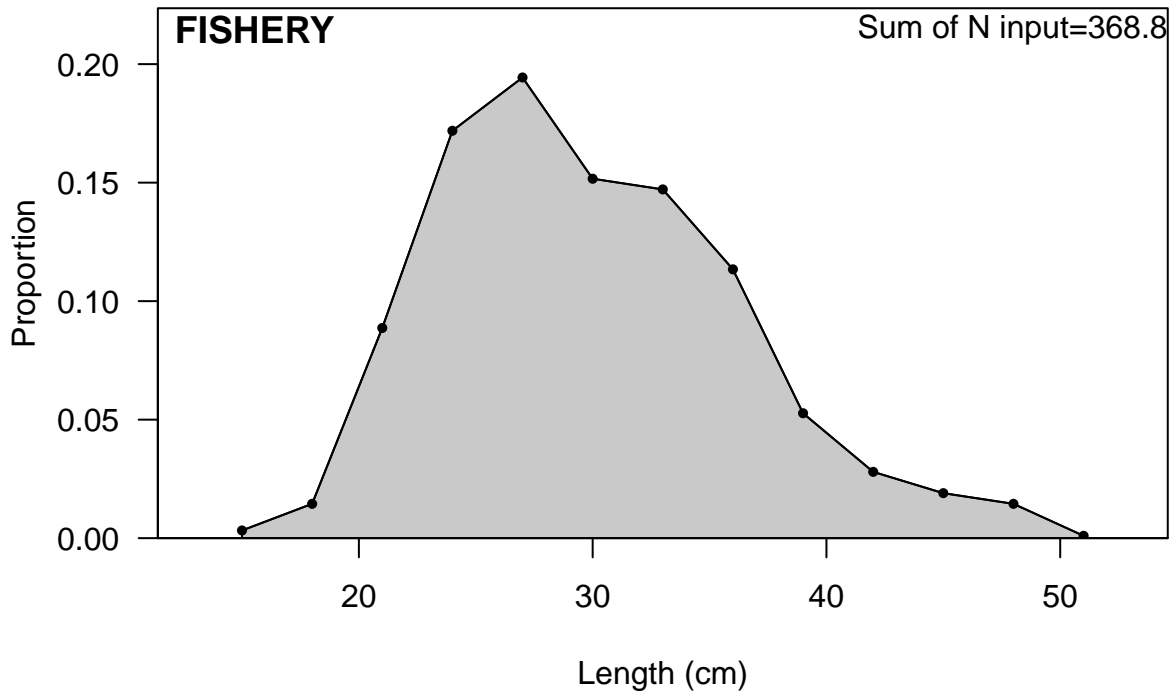


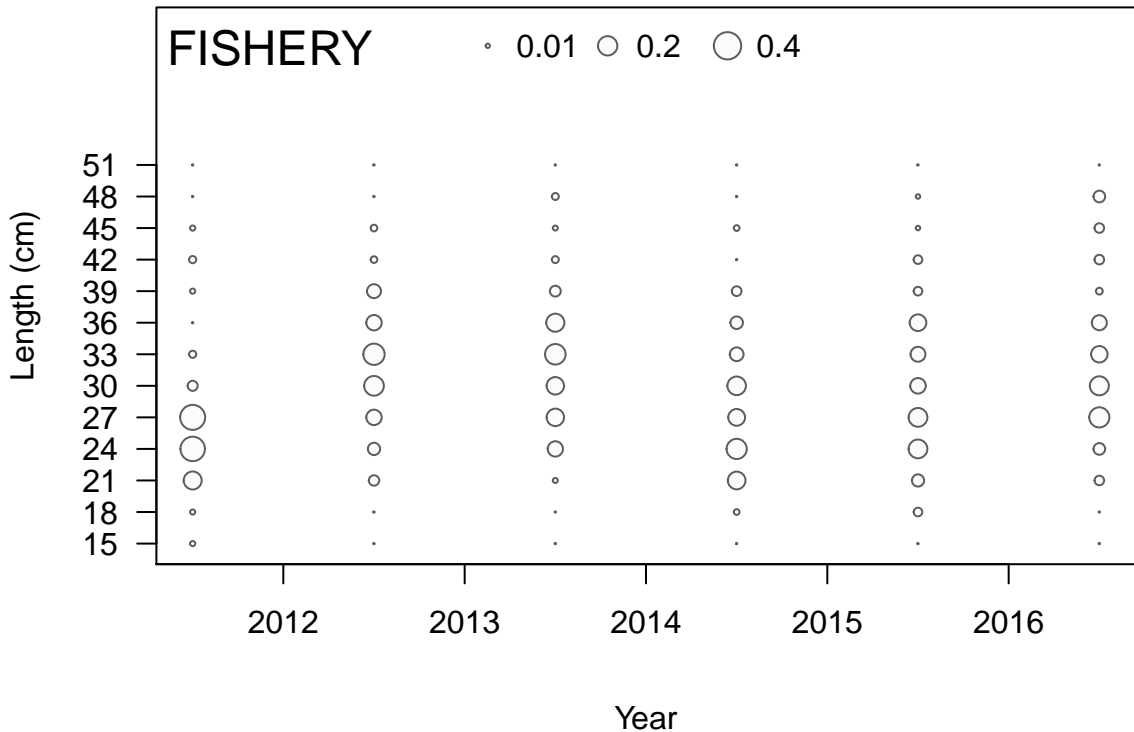












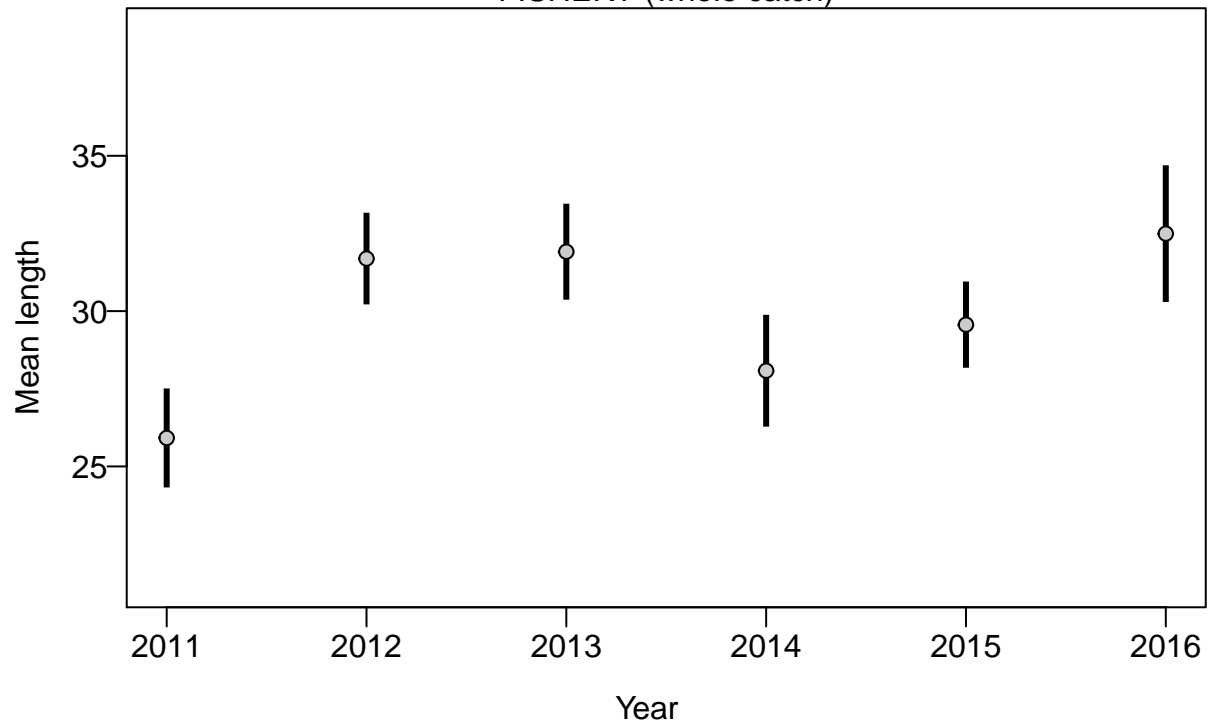
Proportion



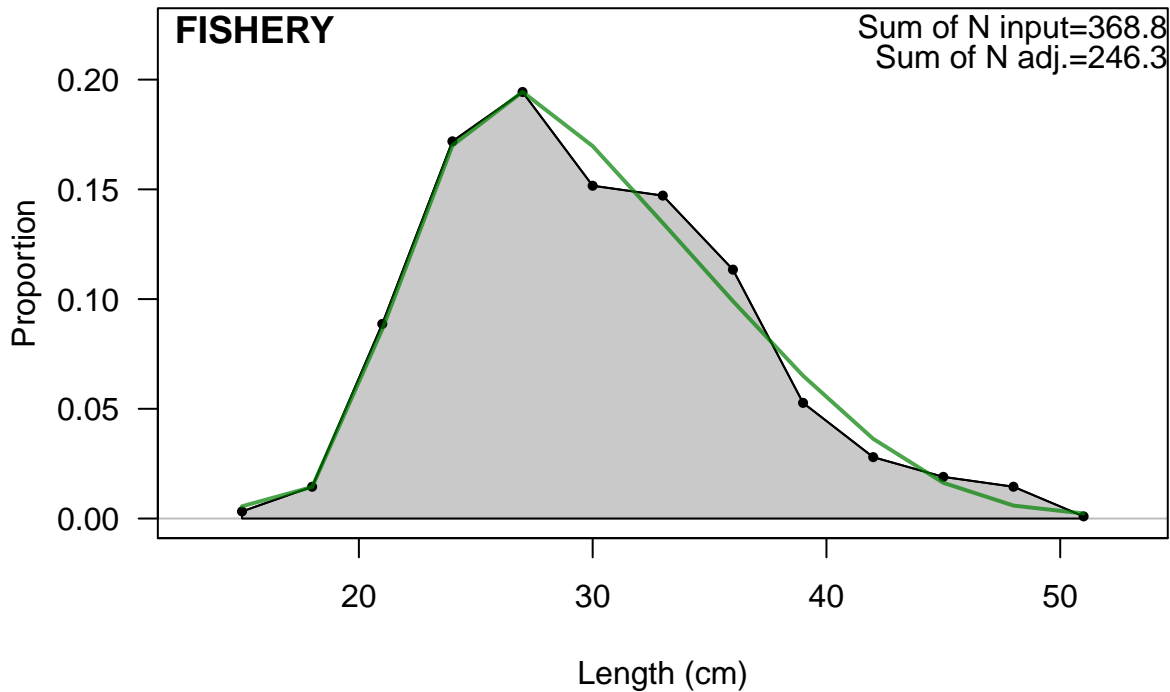
Length (cm)

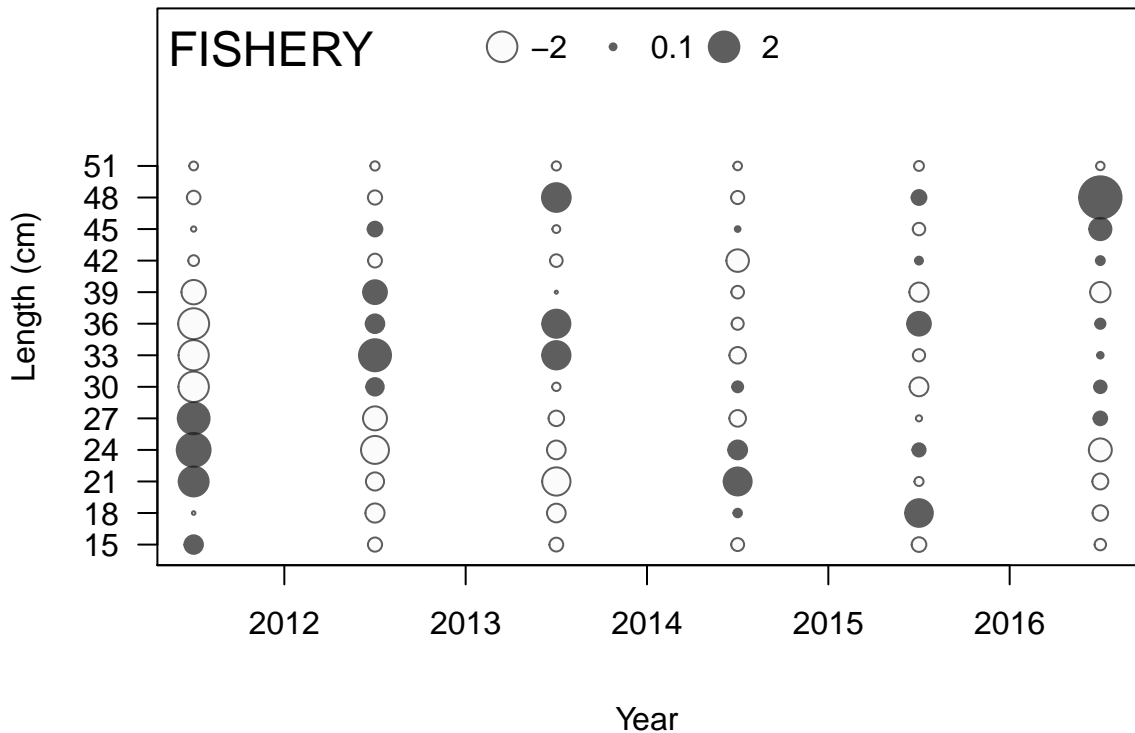


FISHERY (whole catch)

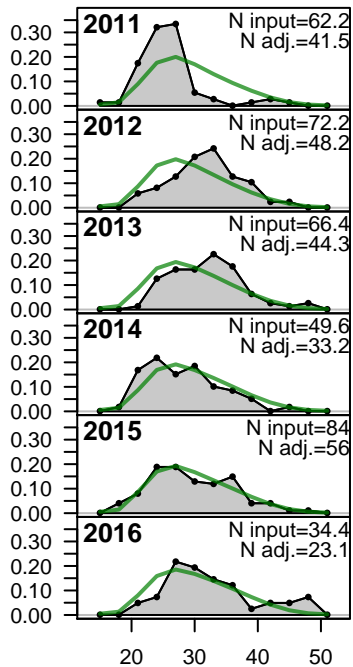




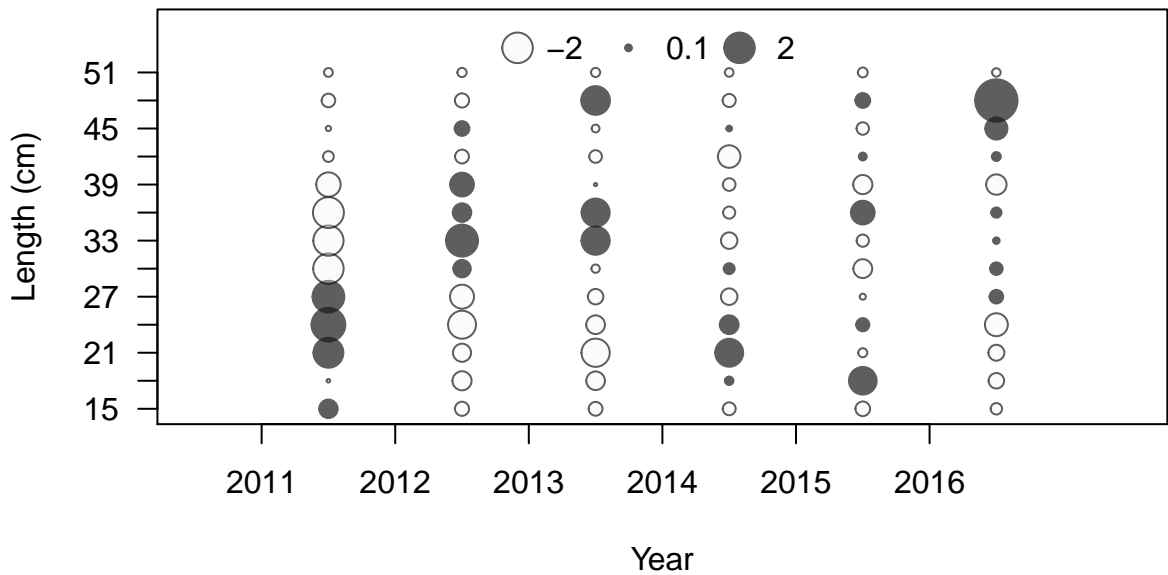




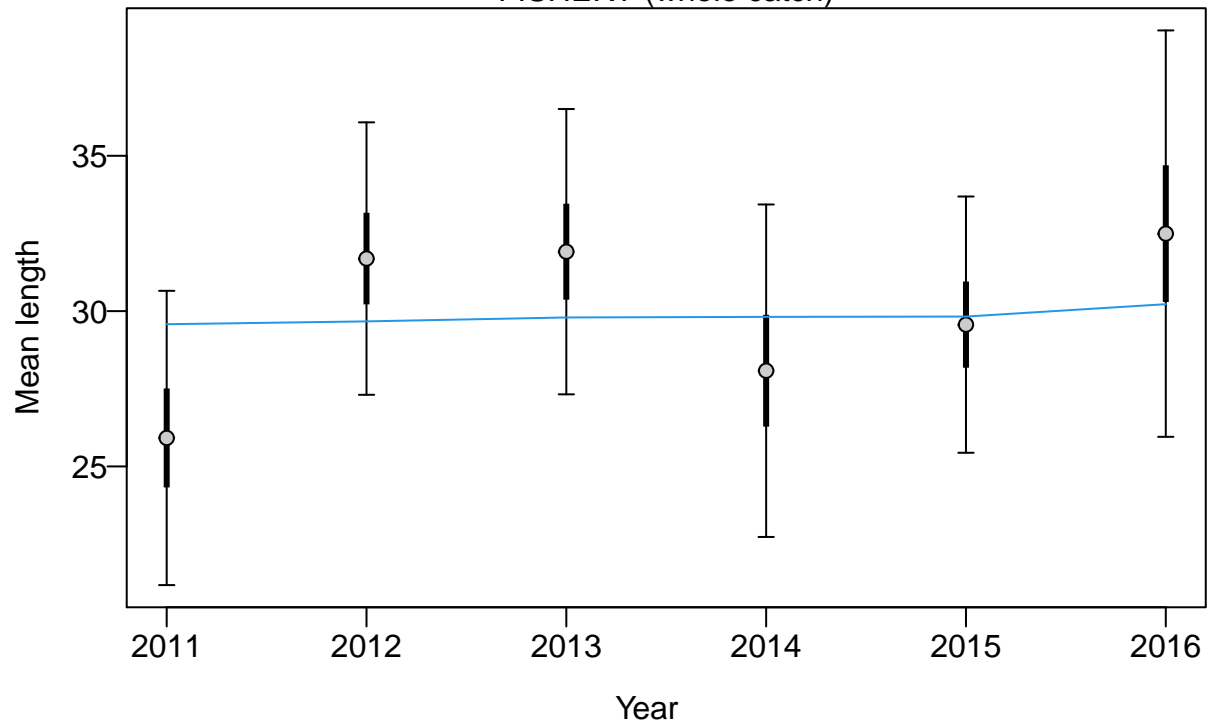
Proportion

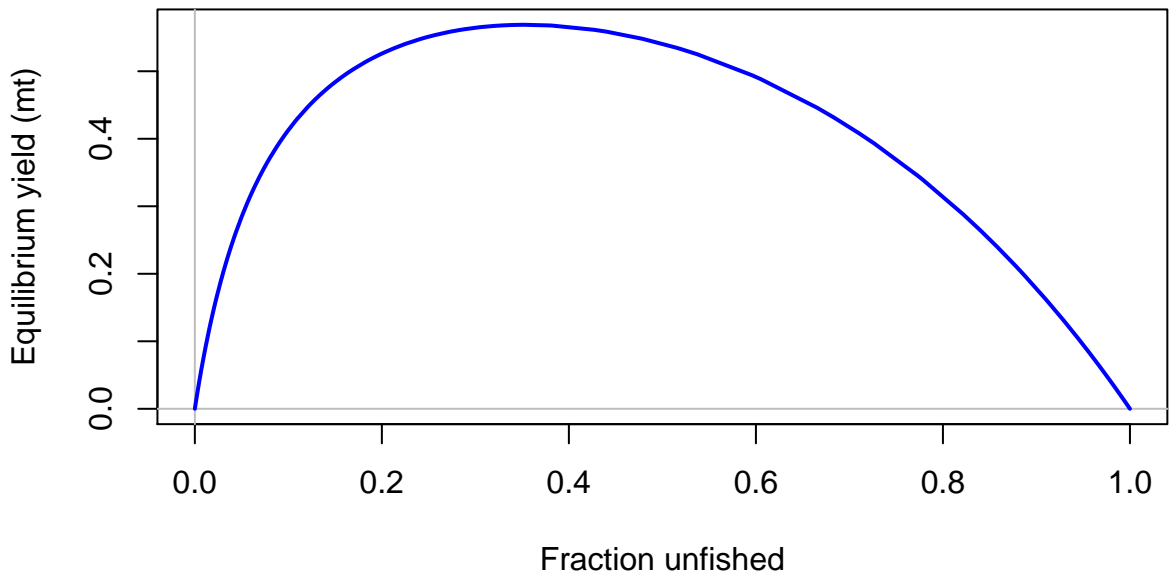


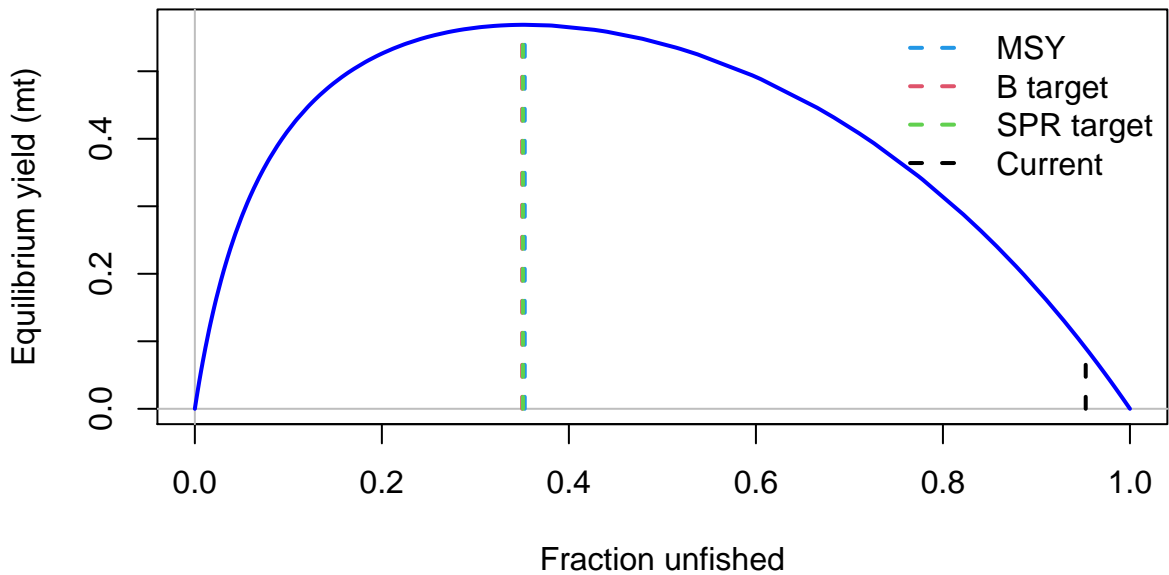
Length (cm)

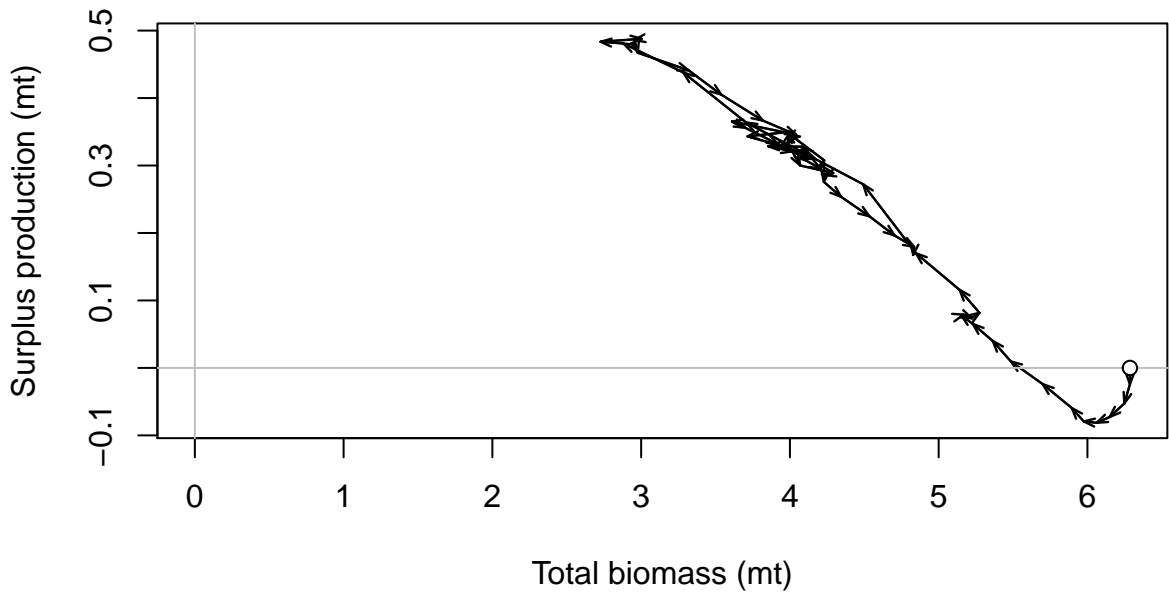


FISHERY (whole catch)

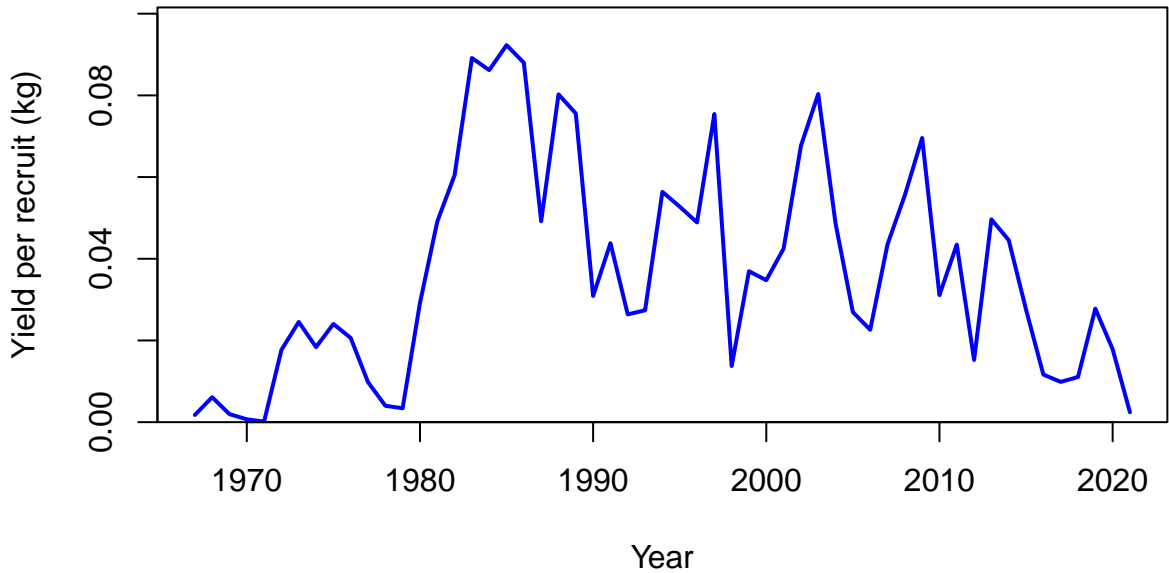








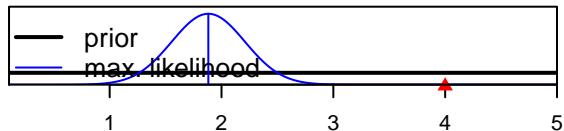




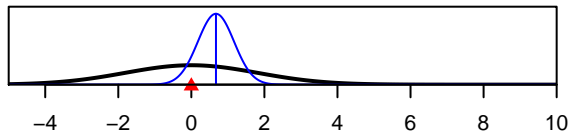




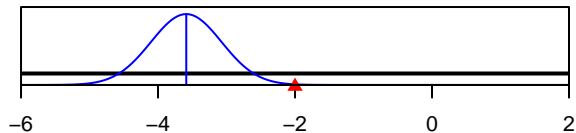
SR\_LN(R0)



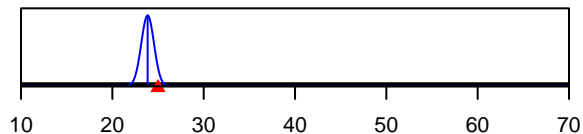
ln(DM\_theta)\_1



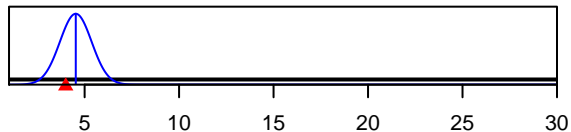
LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Size\_95%width\_FISHERY(1)



Parameter value