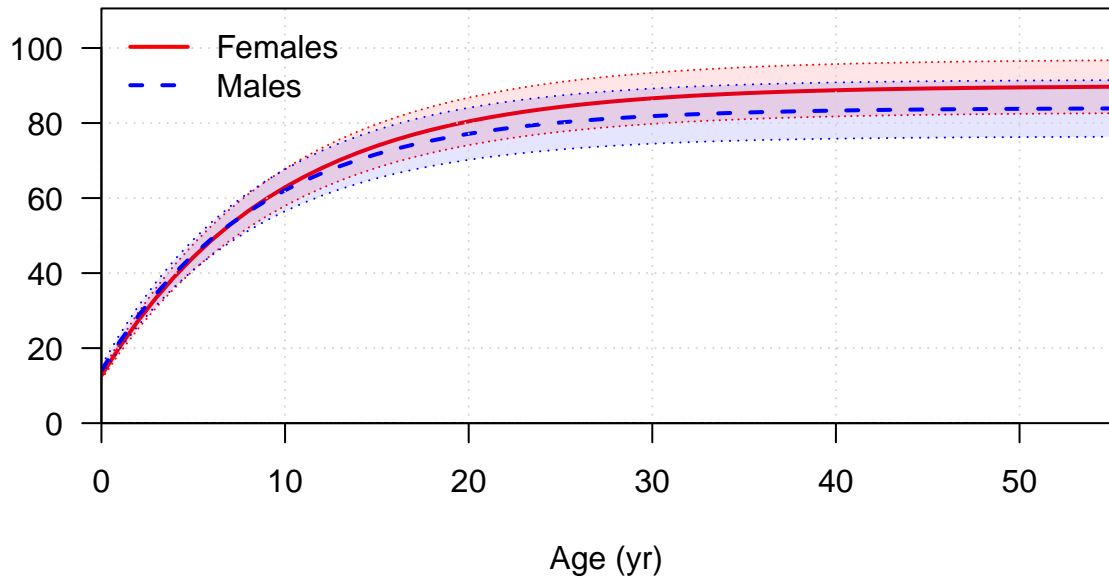


Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Tue Aug 30 11:04:16 2022  
Data\_File: data.ss  
Control\_File: control.ss

Length (cm, beginning of the year)











































Fecundity



Fecundity



Spawning output

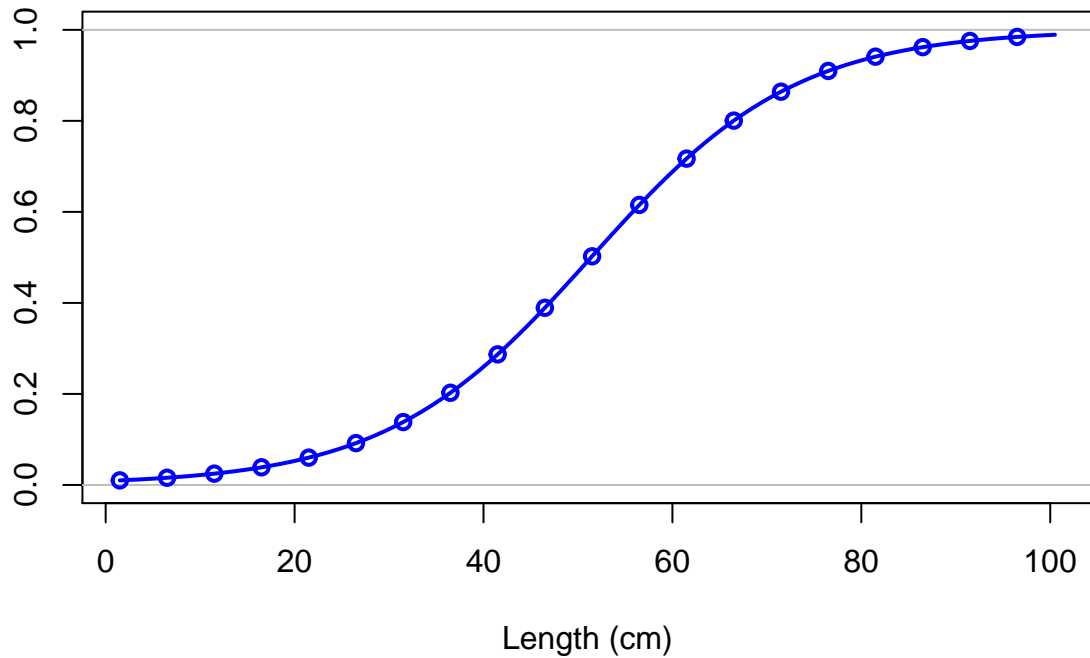


Spawning output

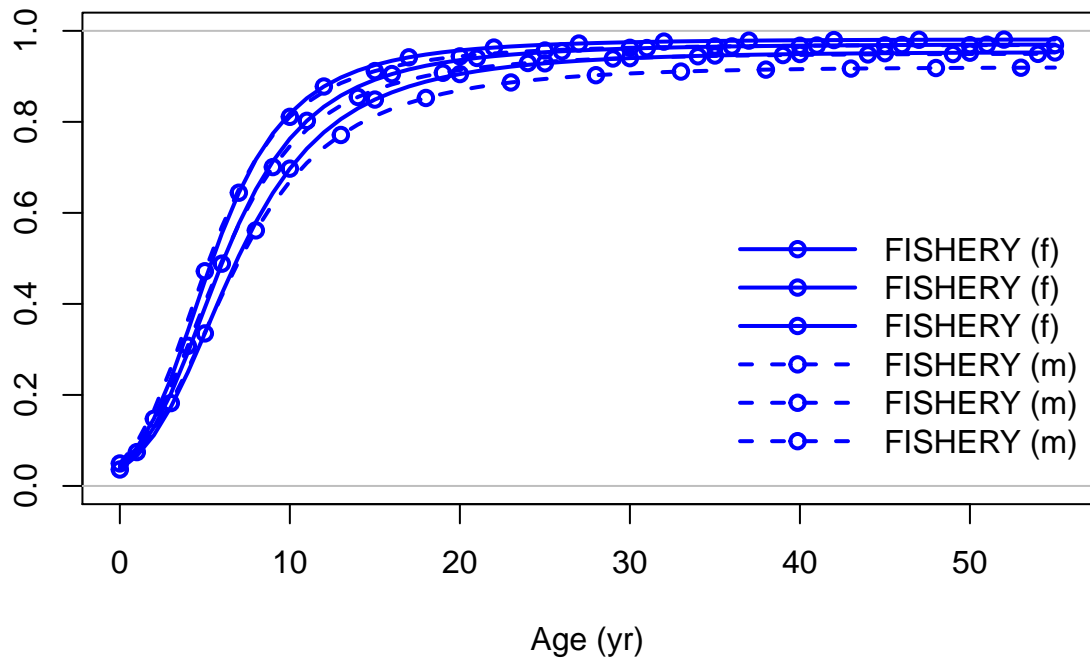




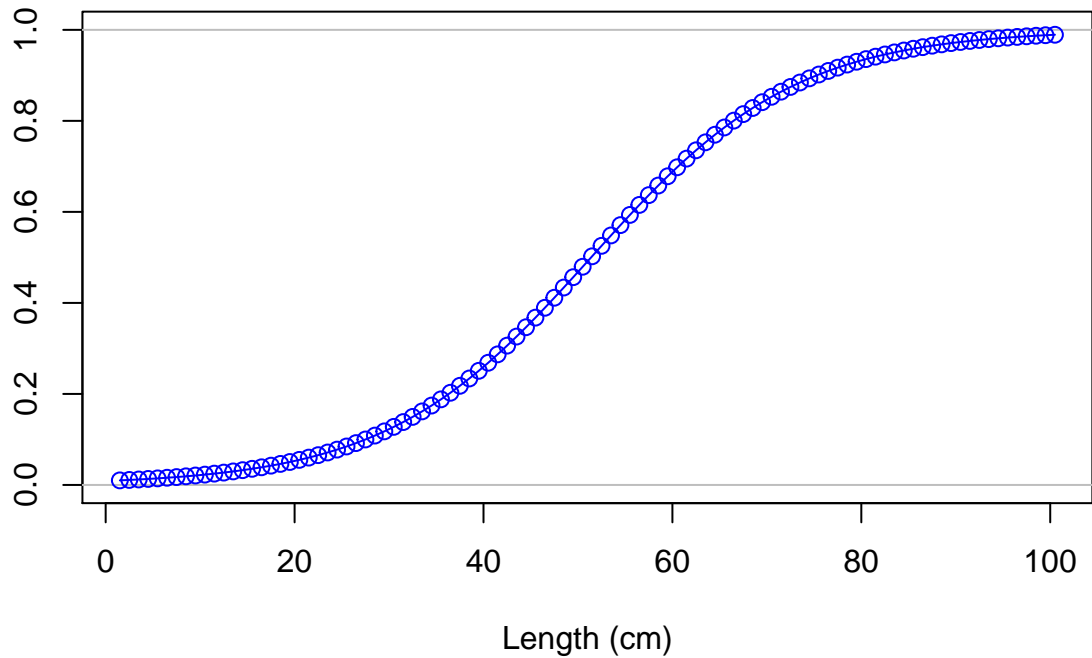
Selectivity



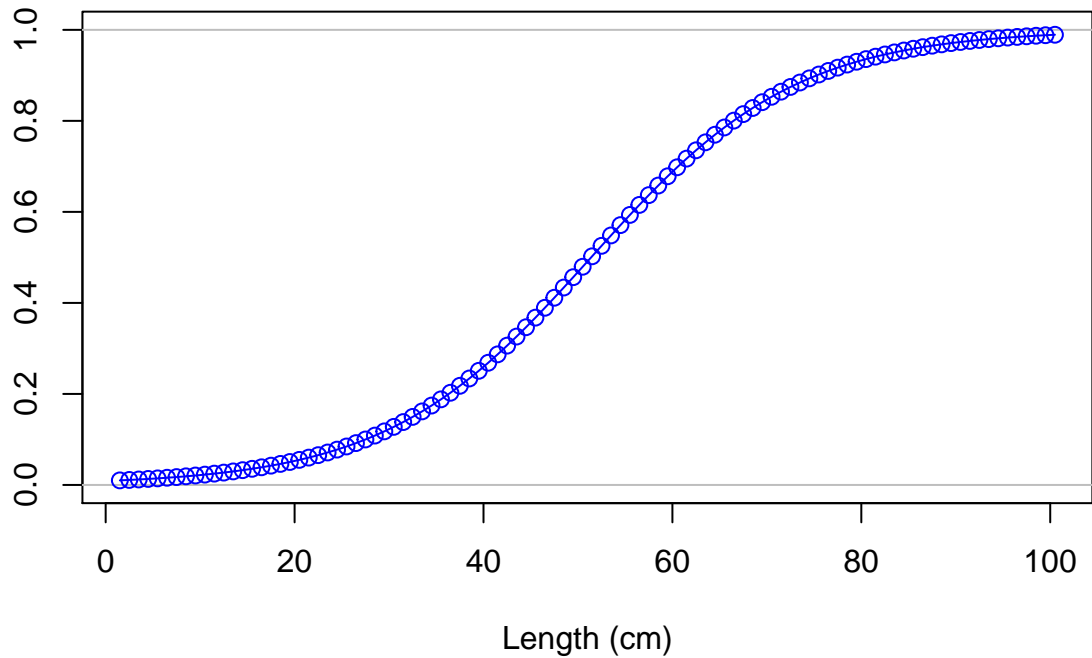
Selectivity

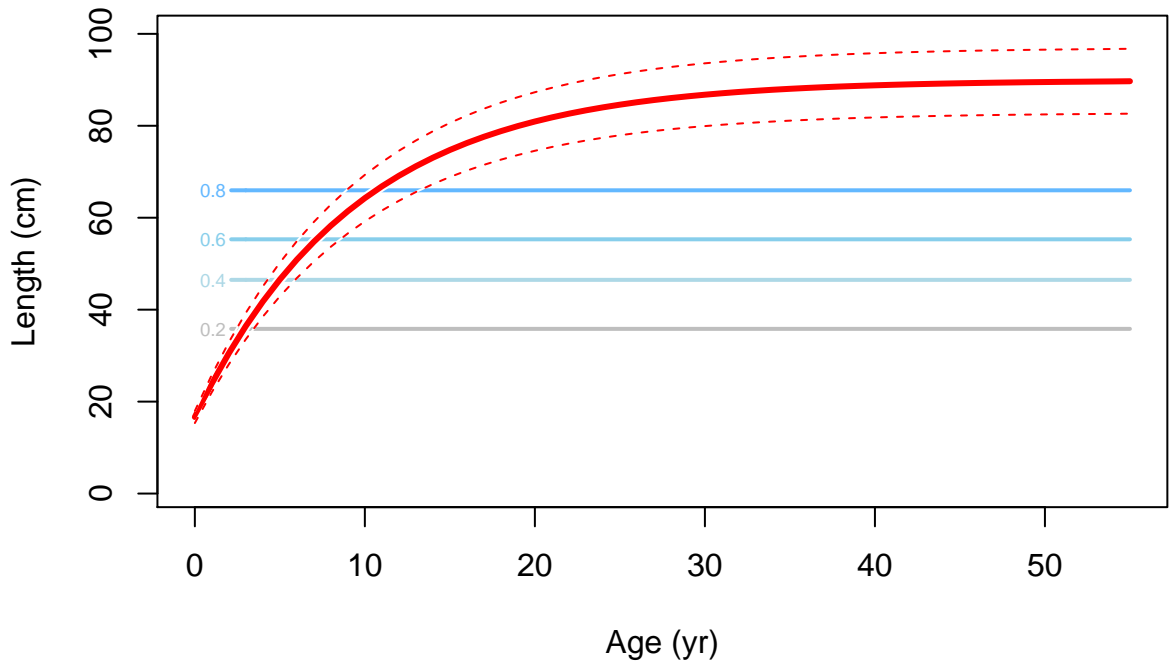


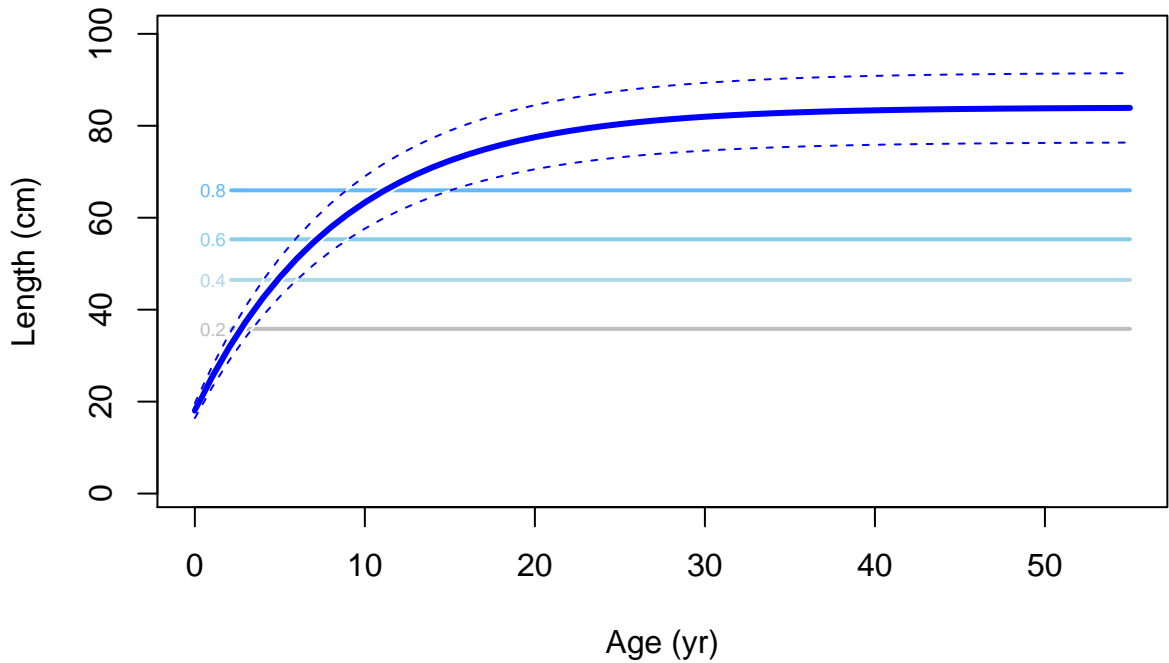
Selectivity

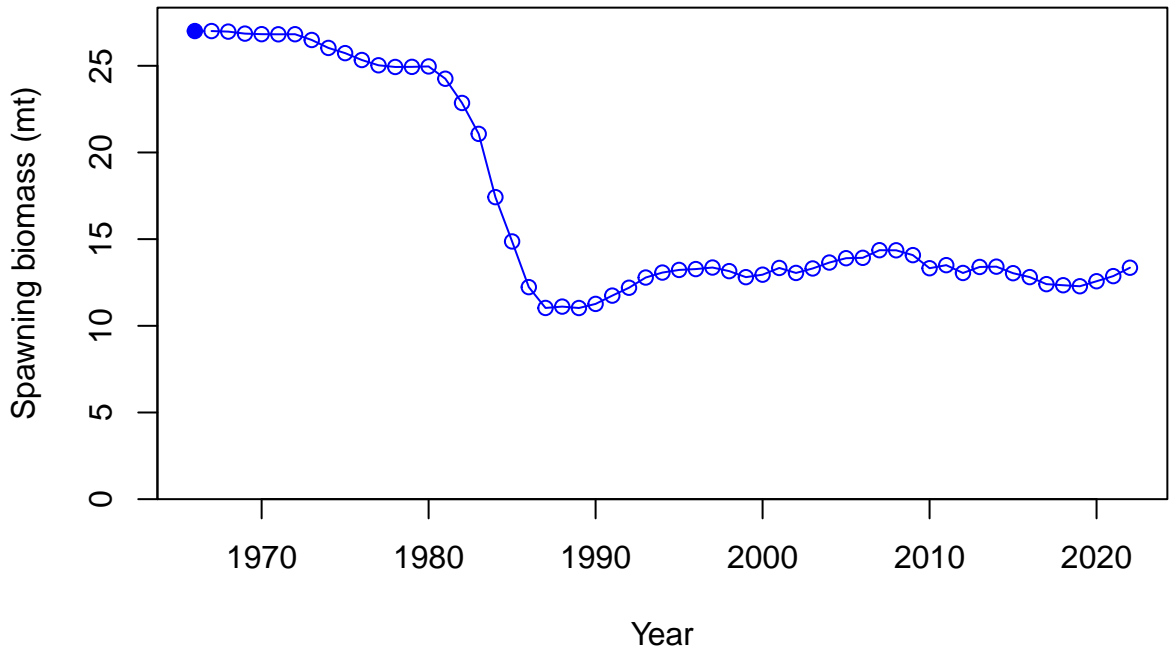


Selectivity

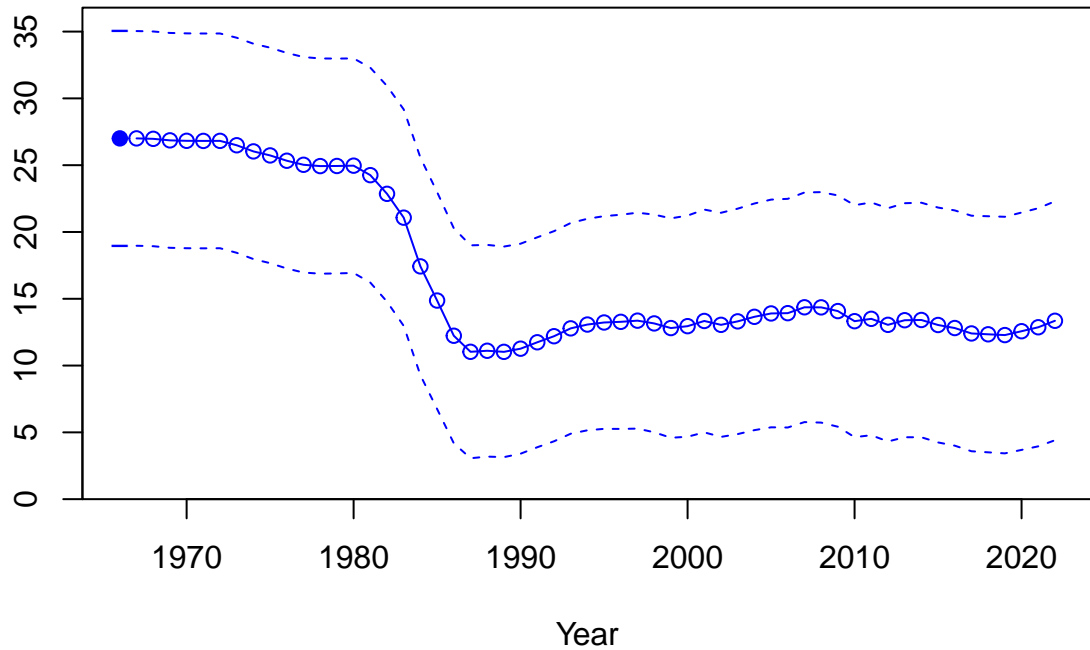






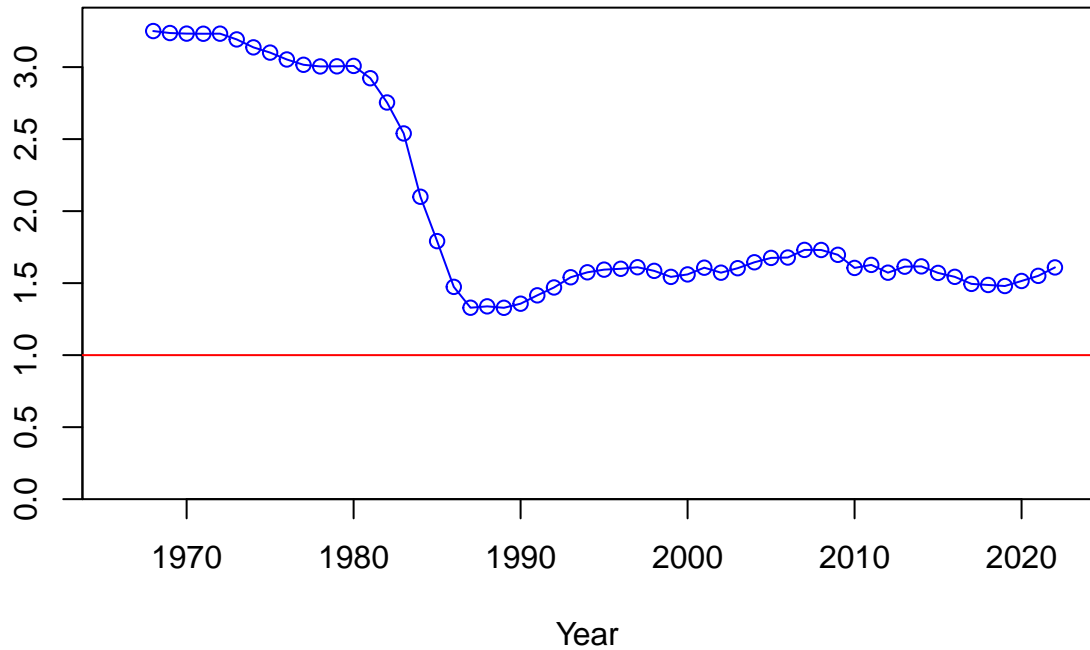


Spawning biomass (mt)

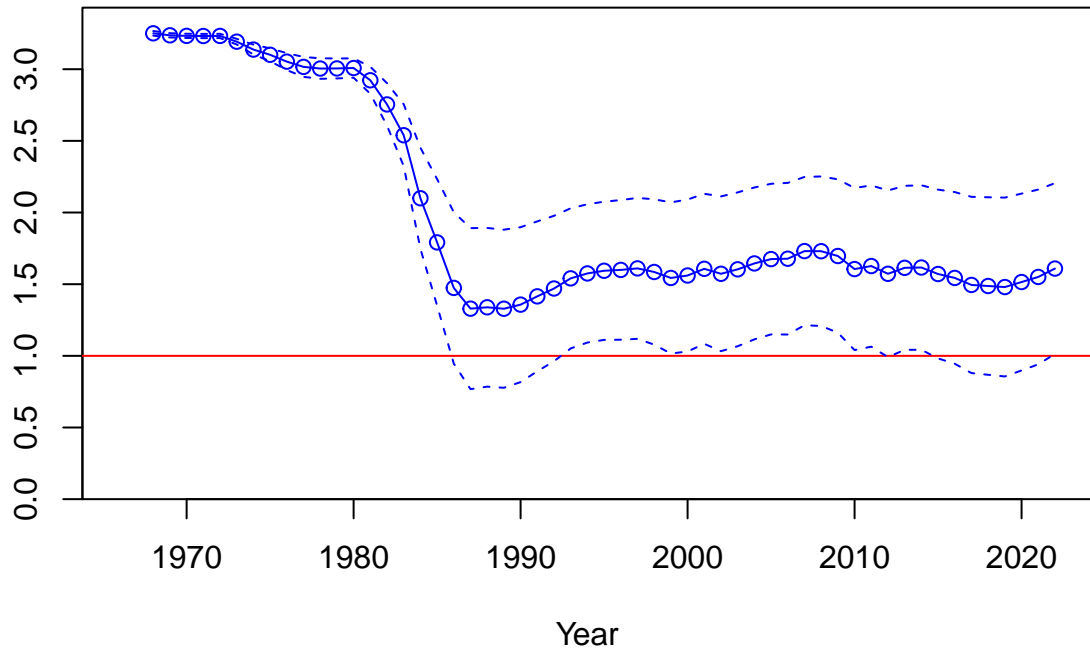


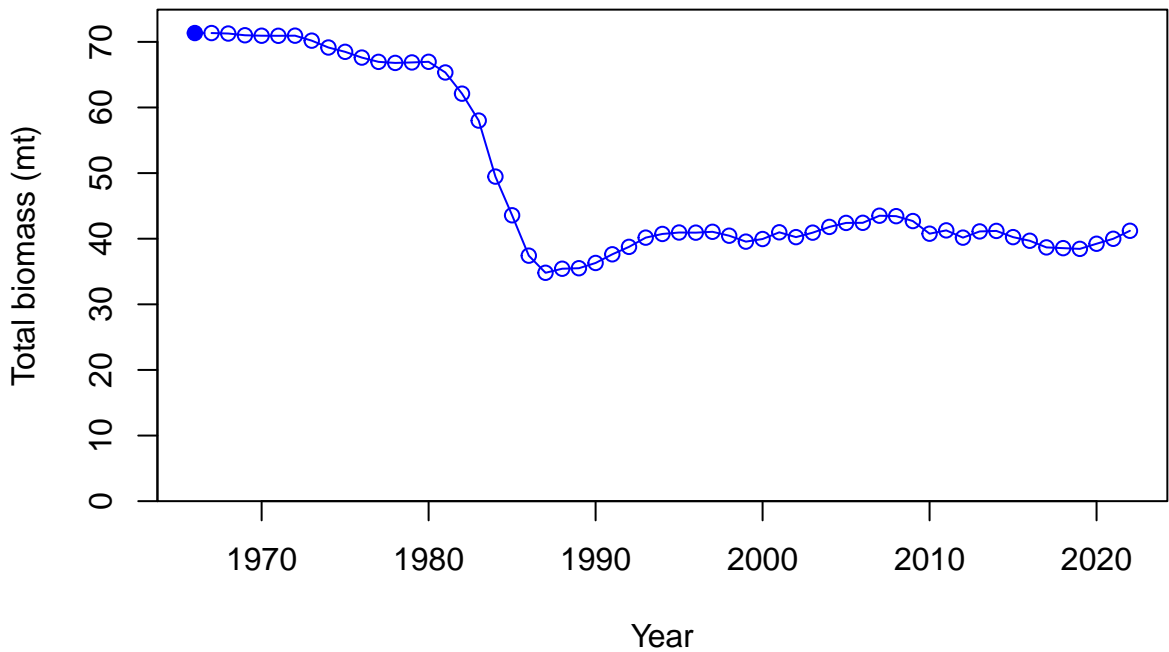


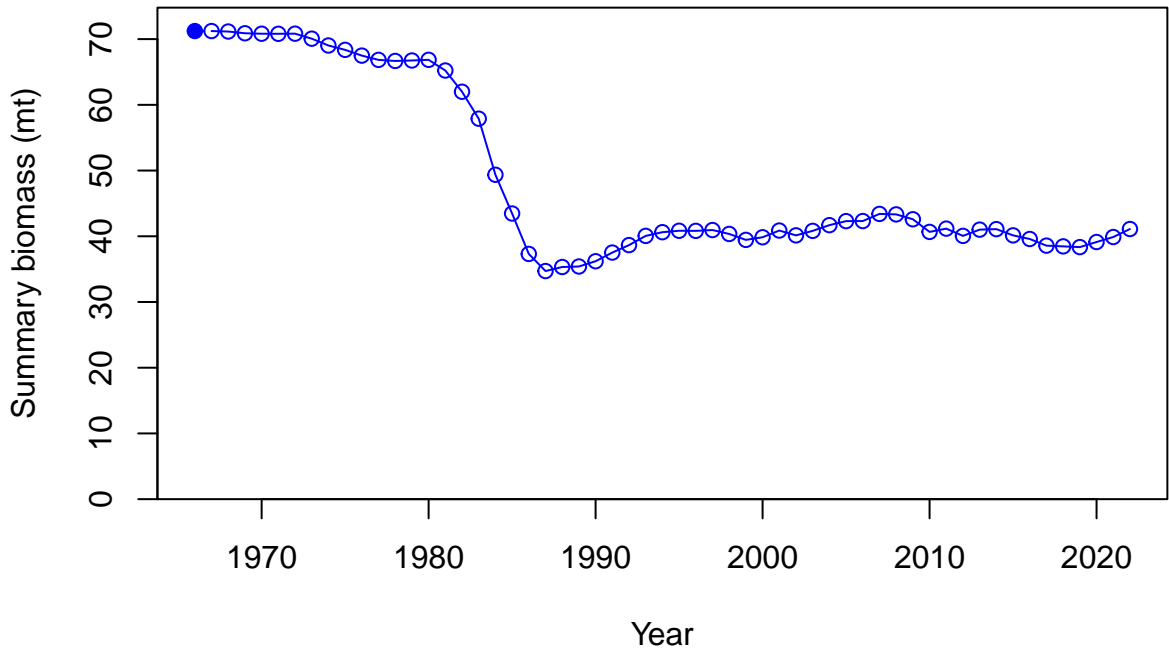
Relative spawning biomass:  $B/B_{MSY}$

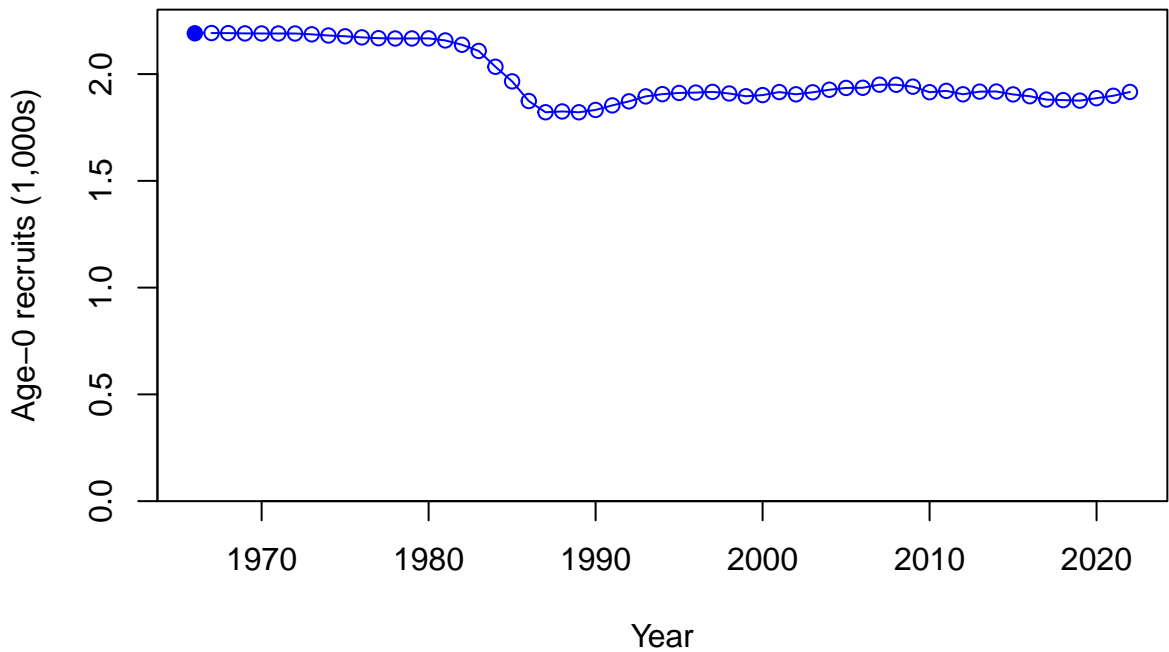


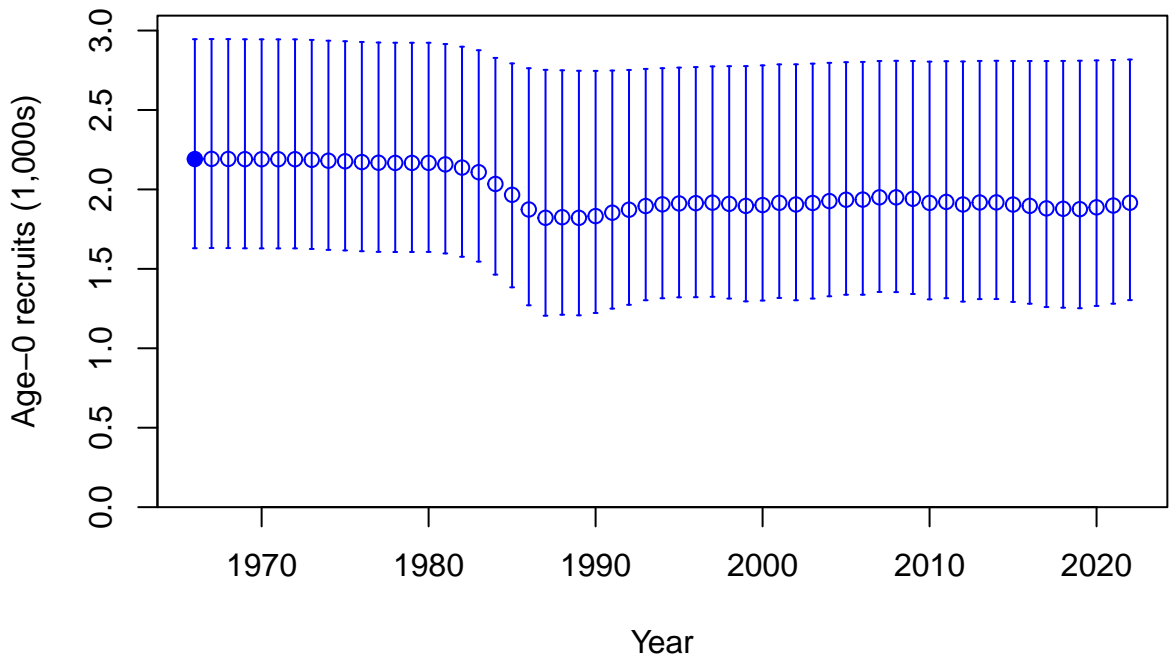
Relative spawning biomass:  $B/B_{MSY}$



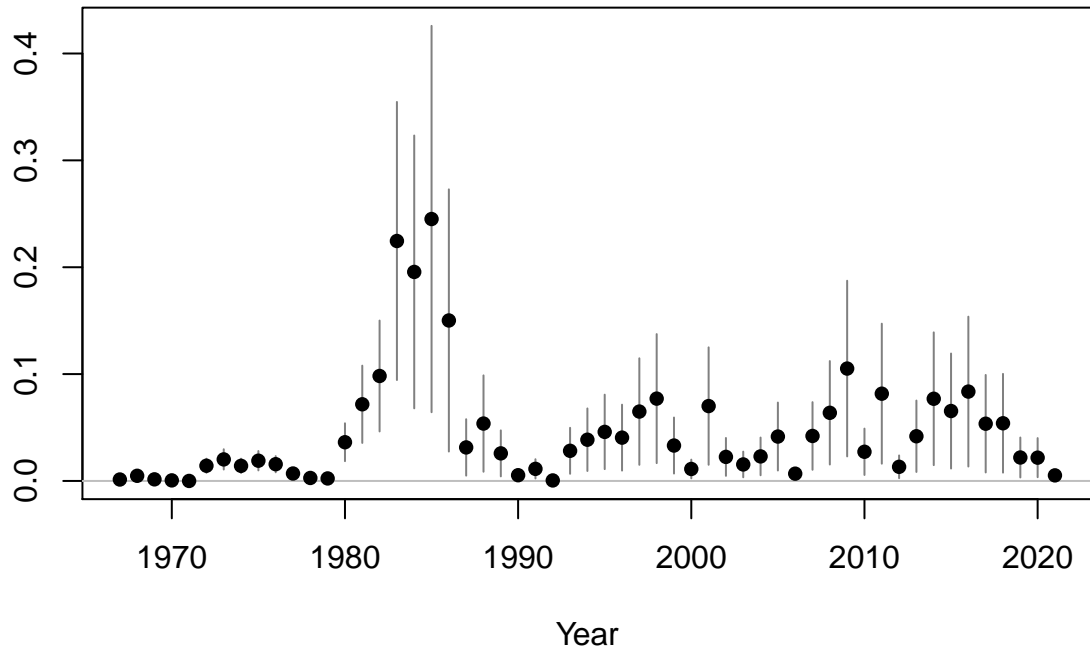


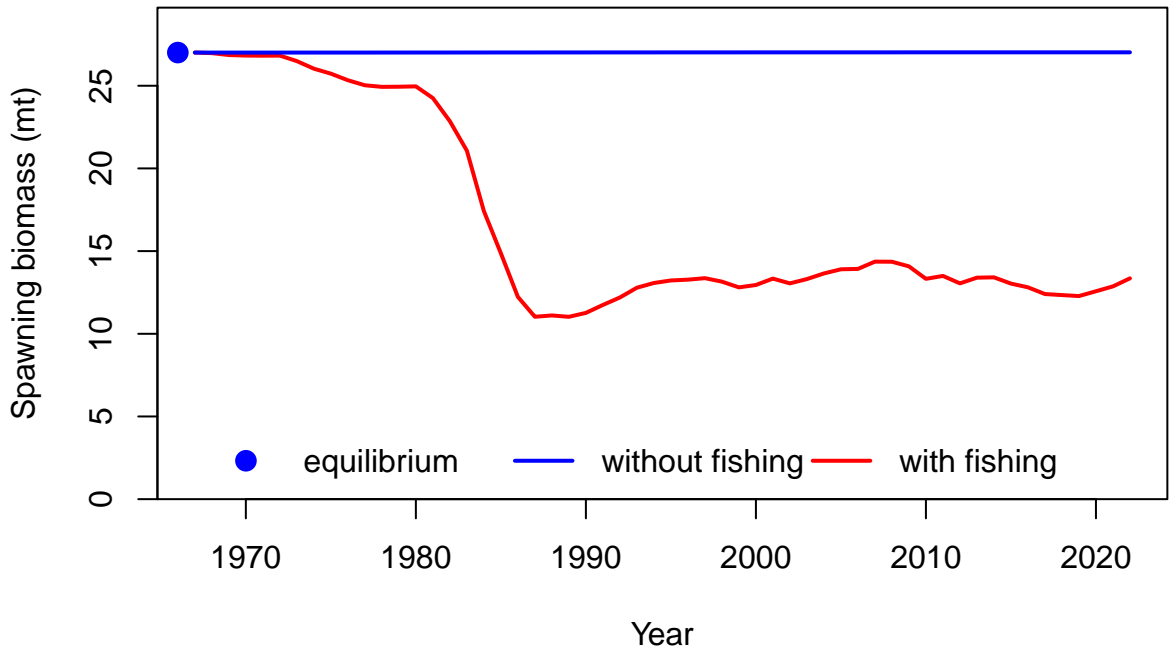




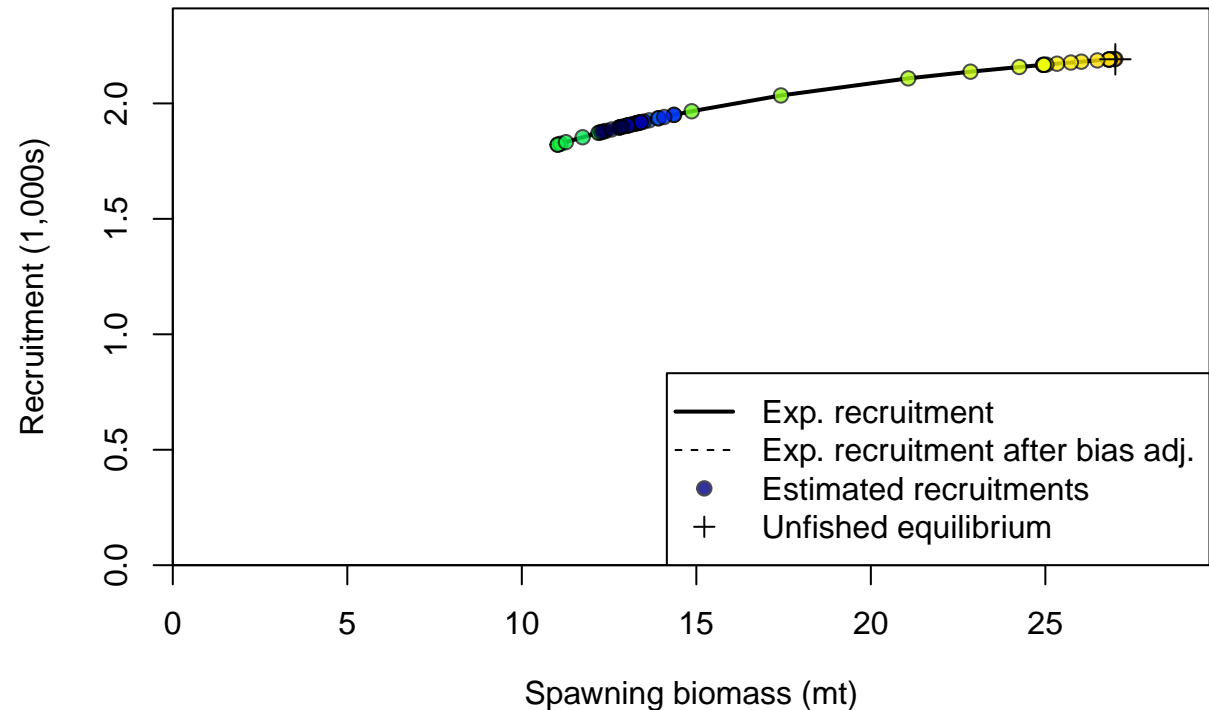


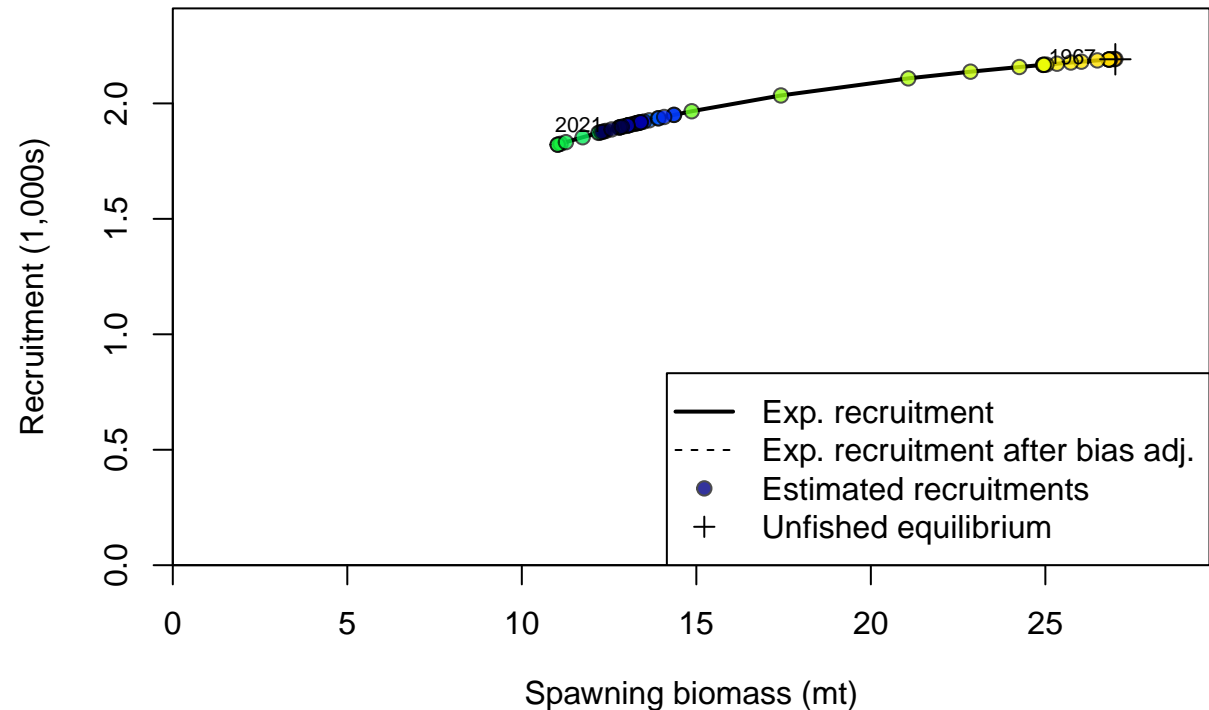
Summary Fishing Mortality

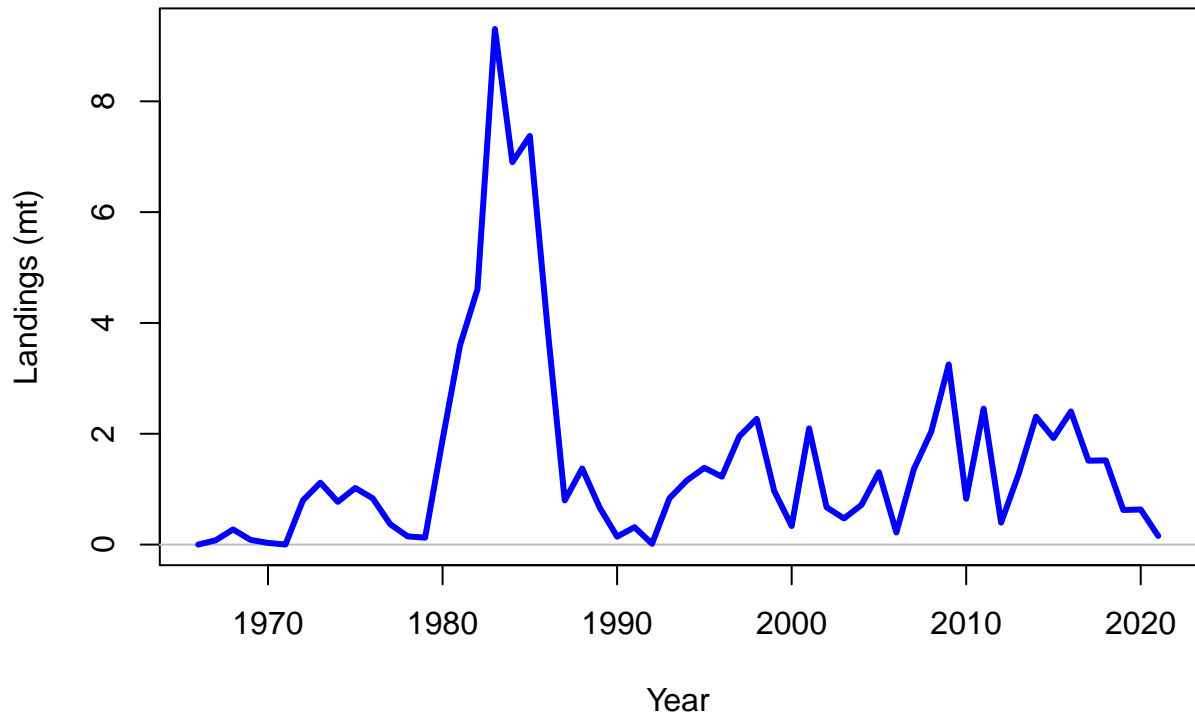


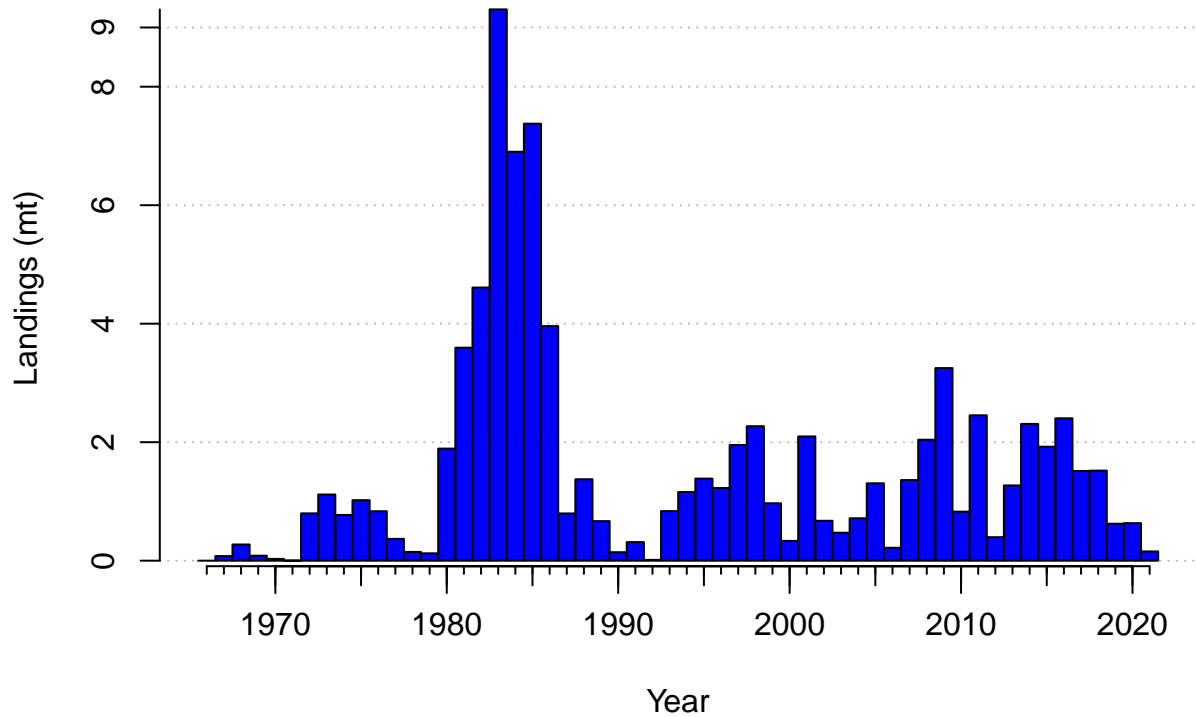


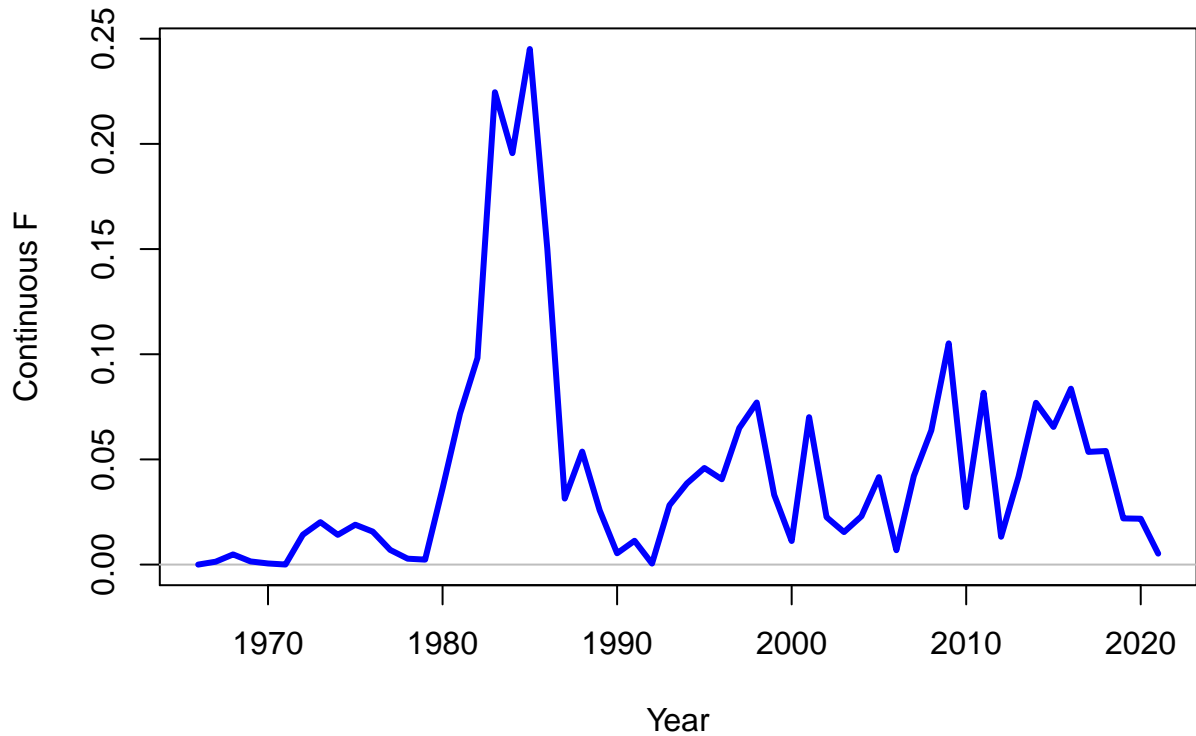




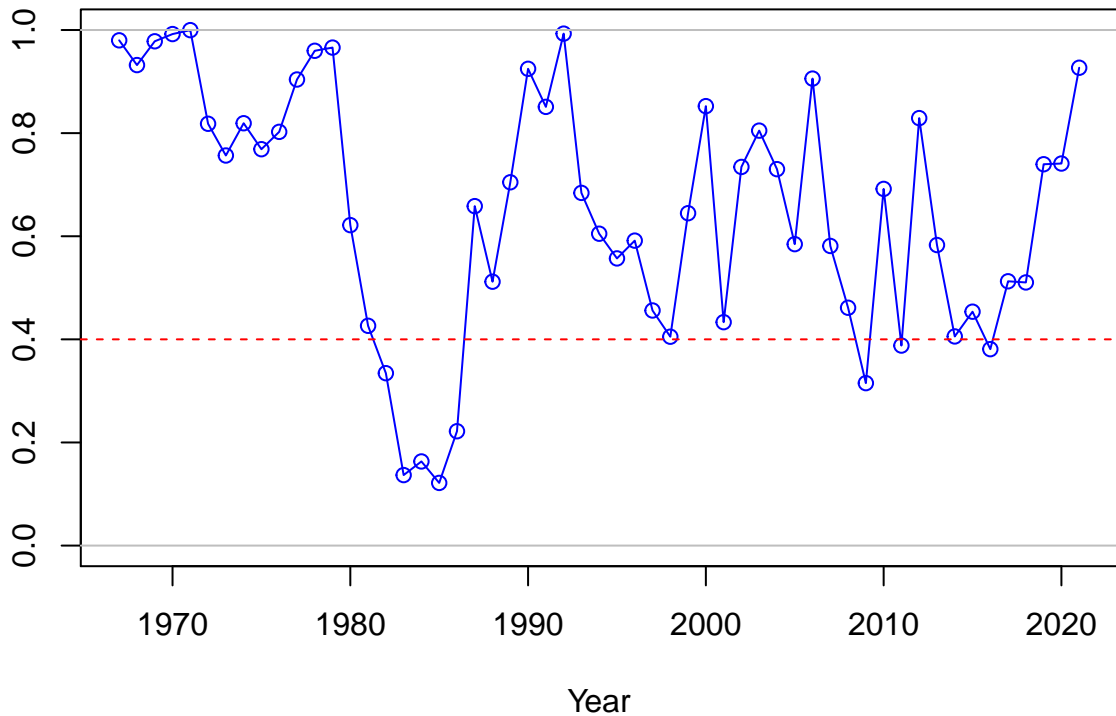


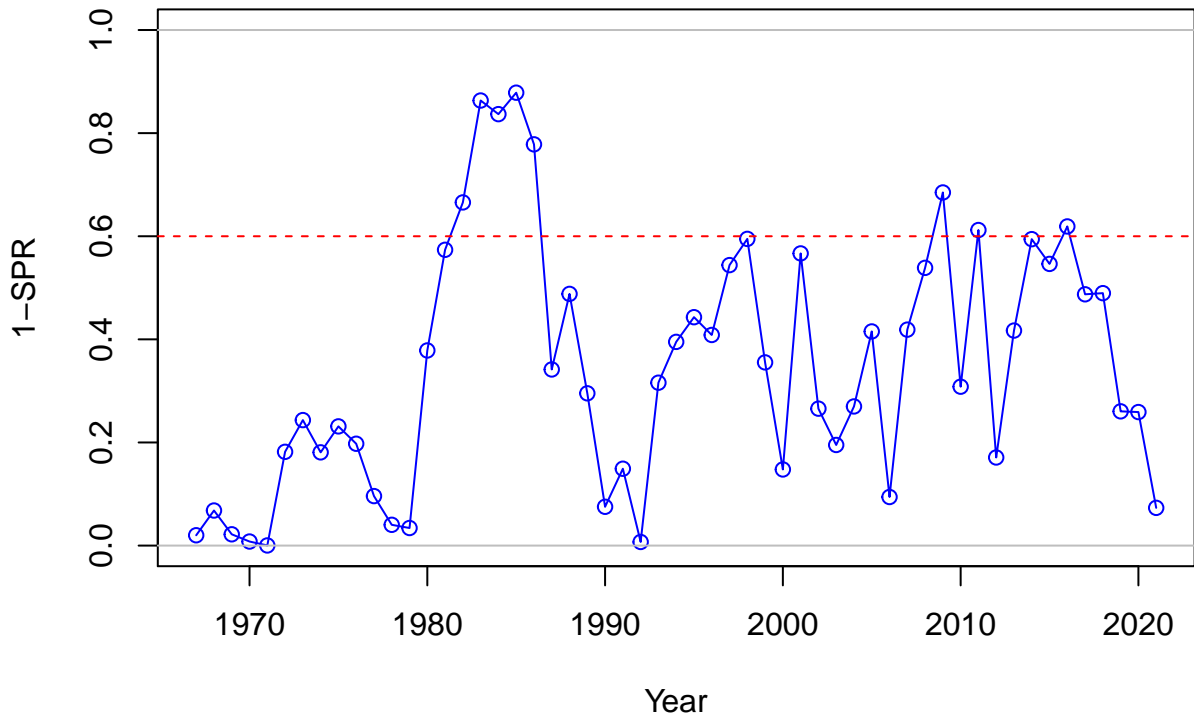




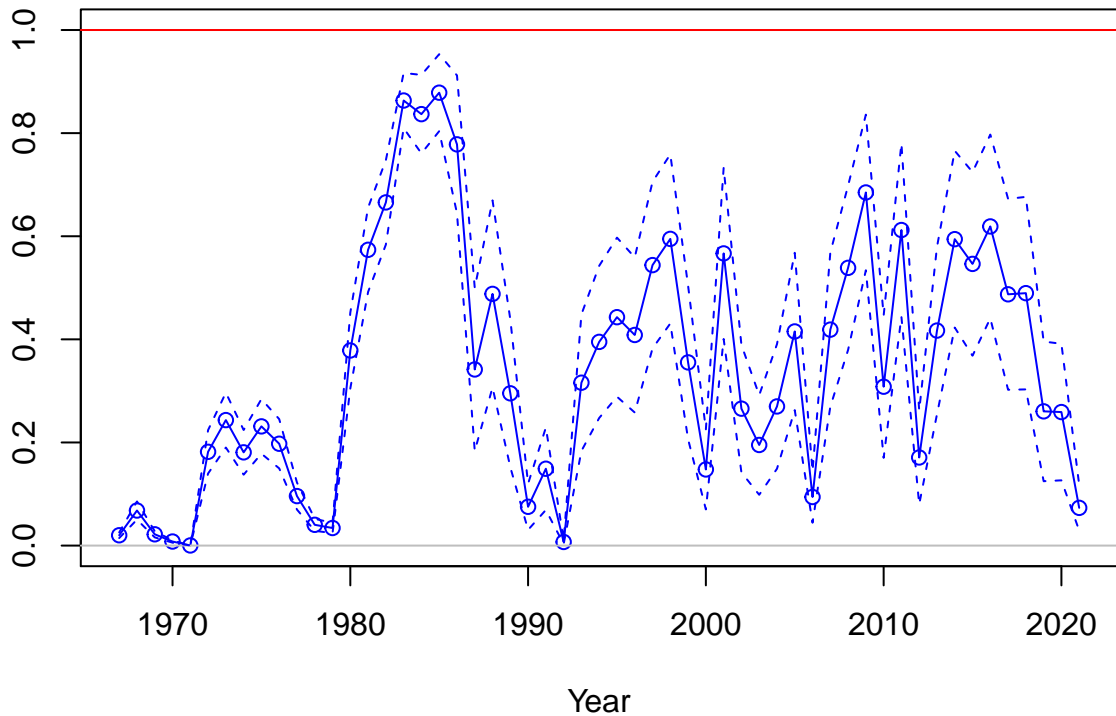


SPR



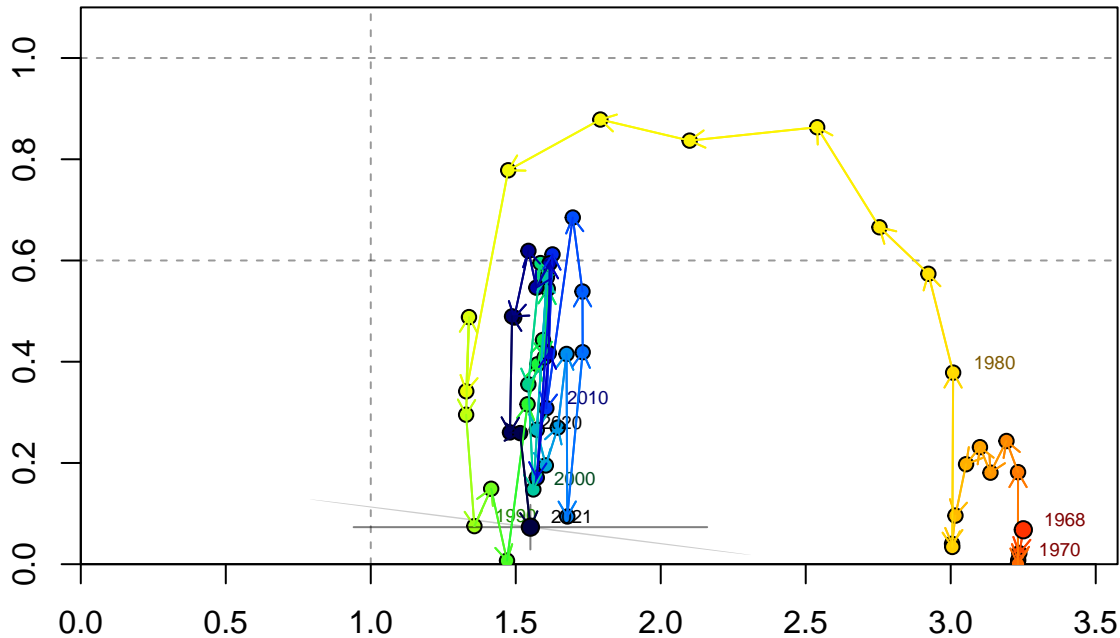


Fishing intensity: 1-SPR



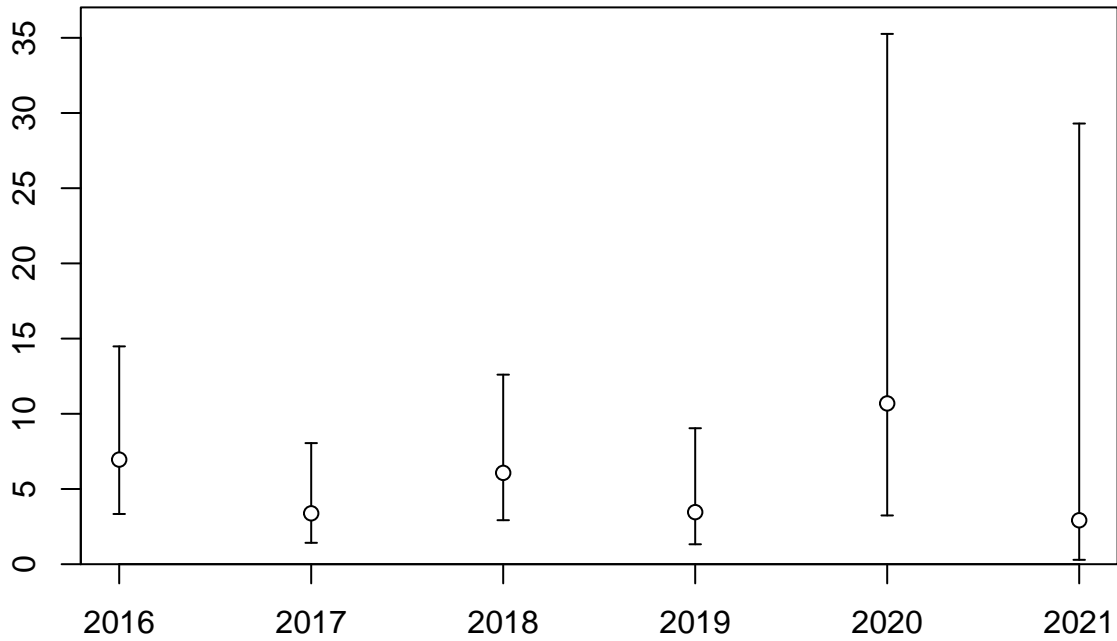


Fishing intensity: 1-SPR



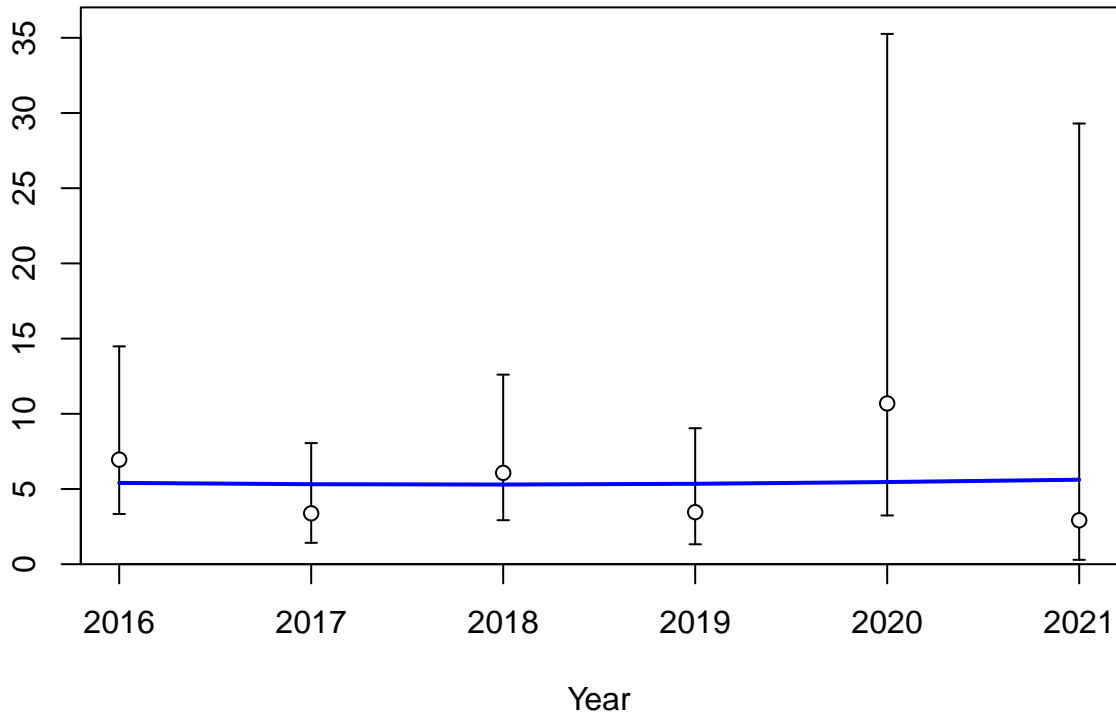
Relative spawning output:  $B/B_{MSY}$

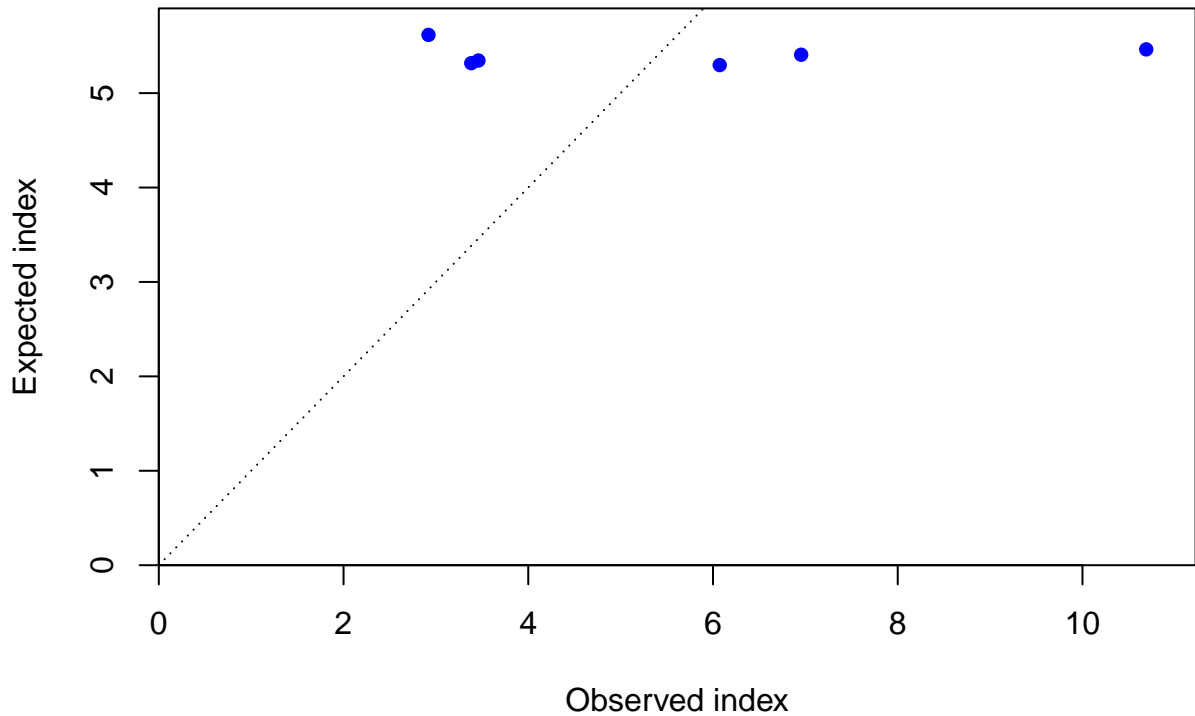
Index



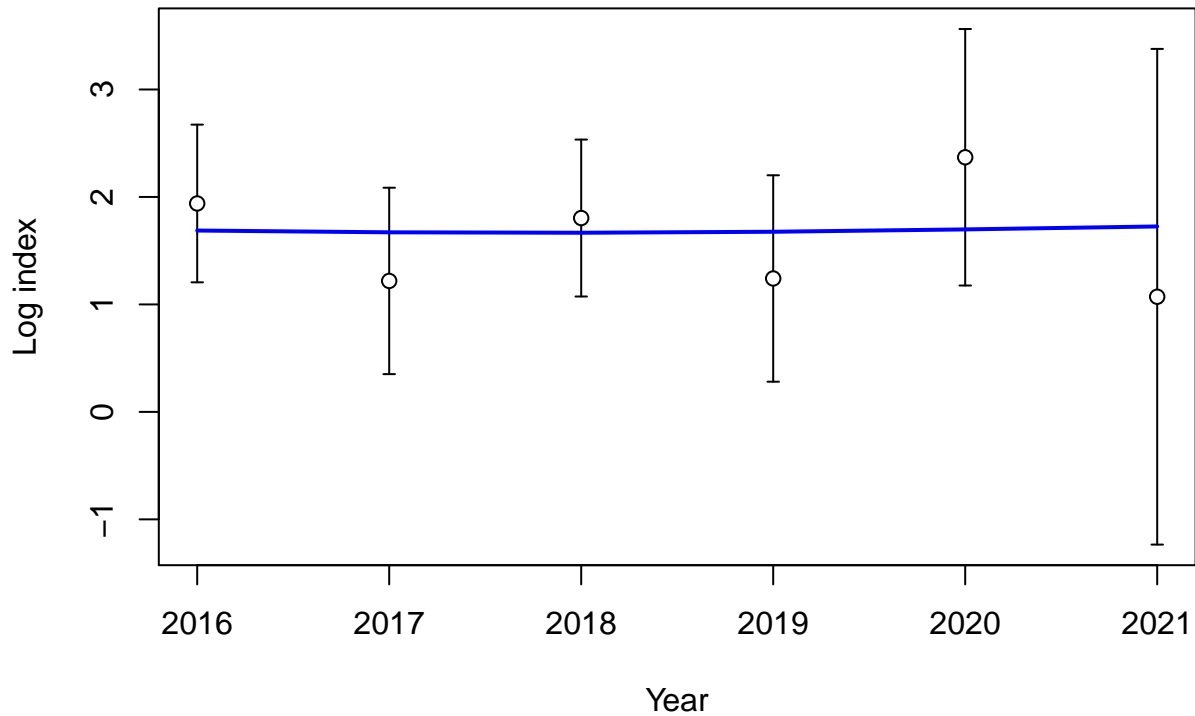
Year

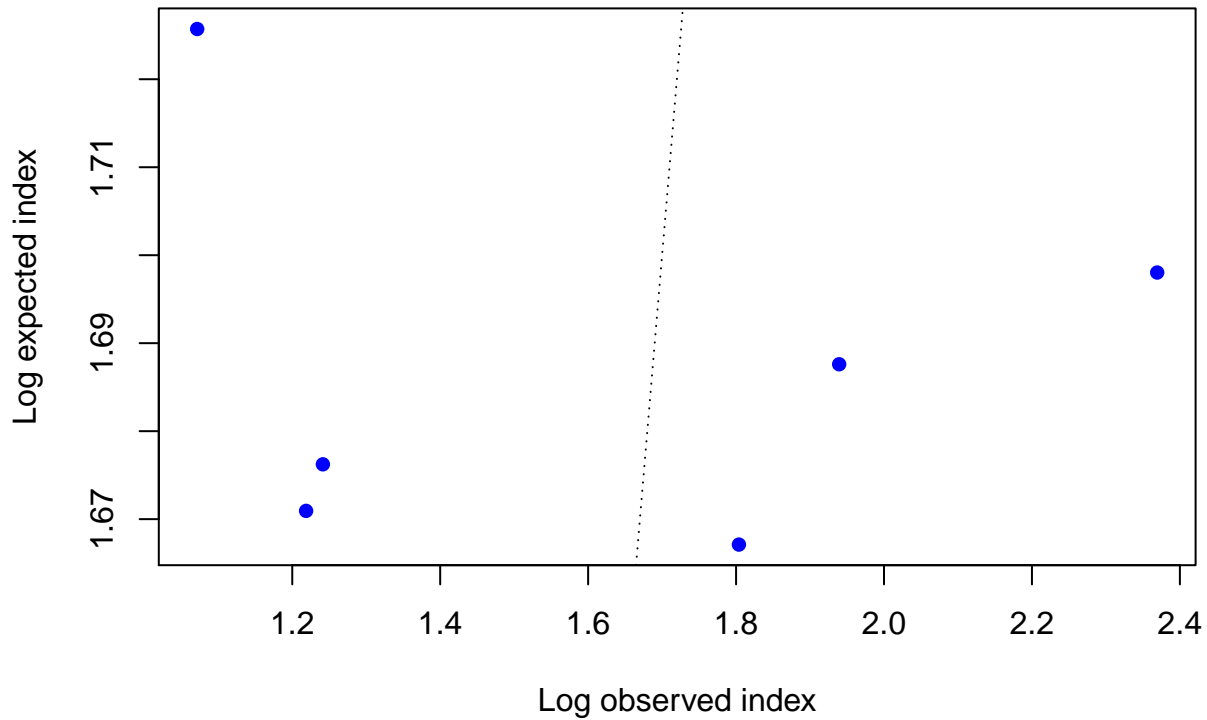
Index

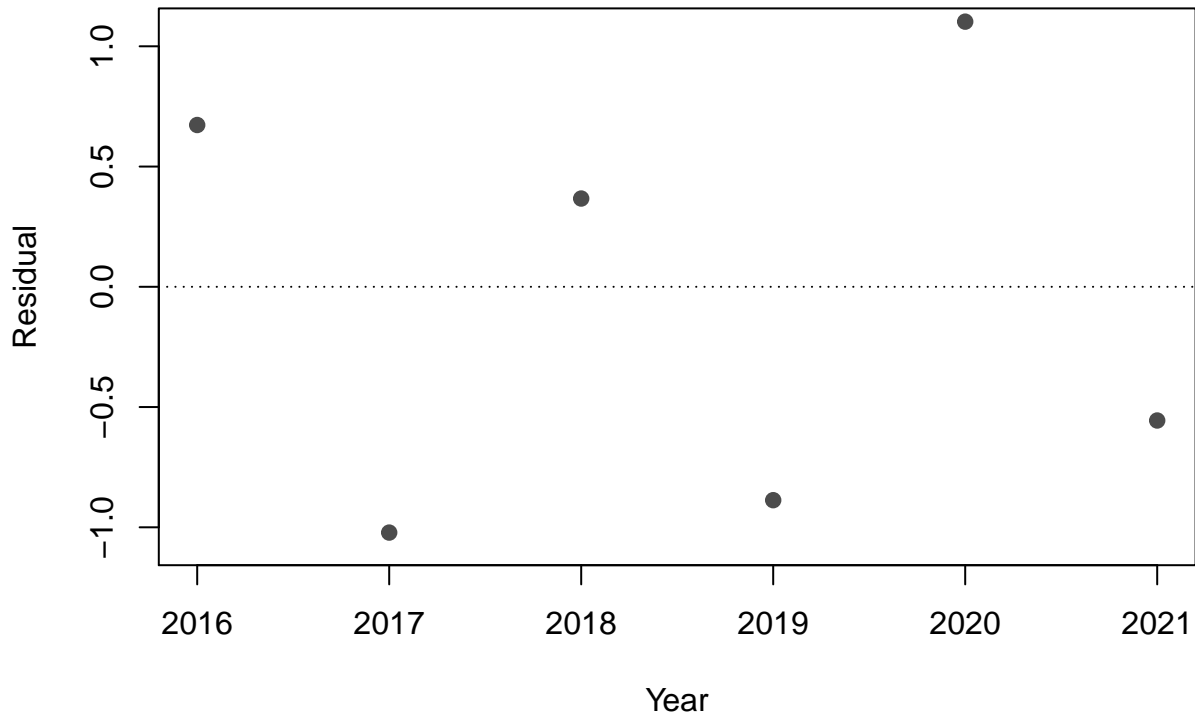




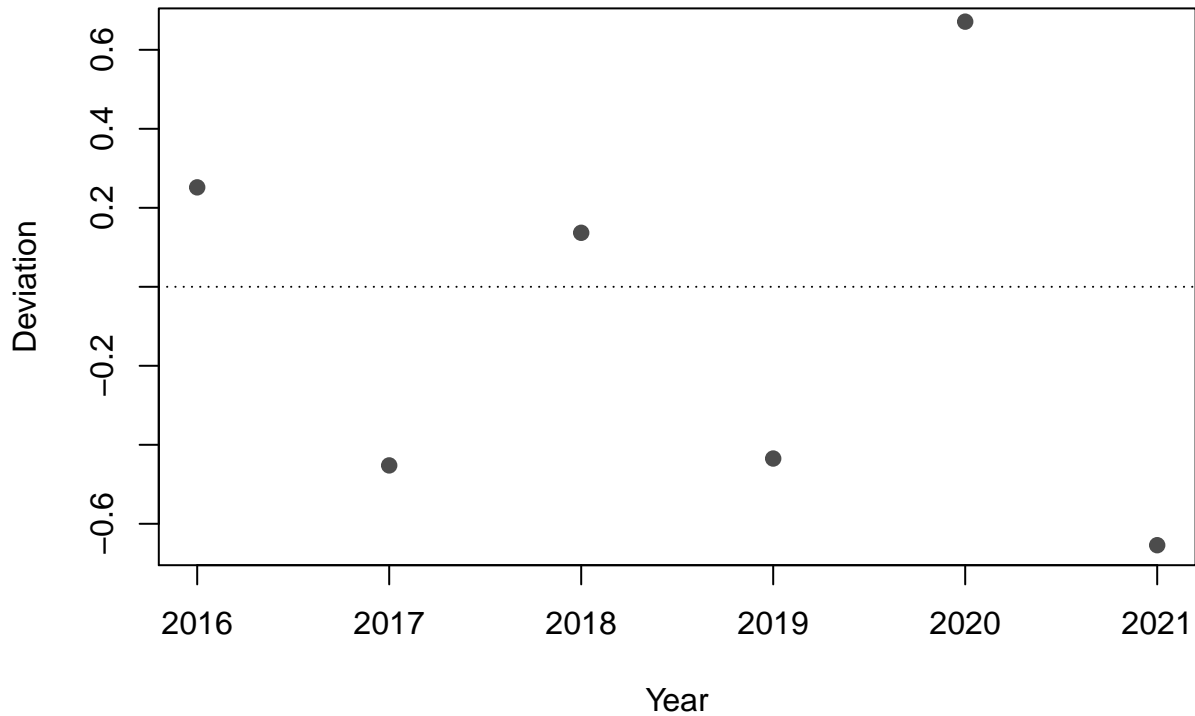




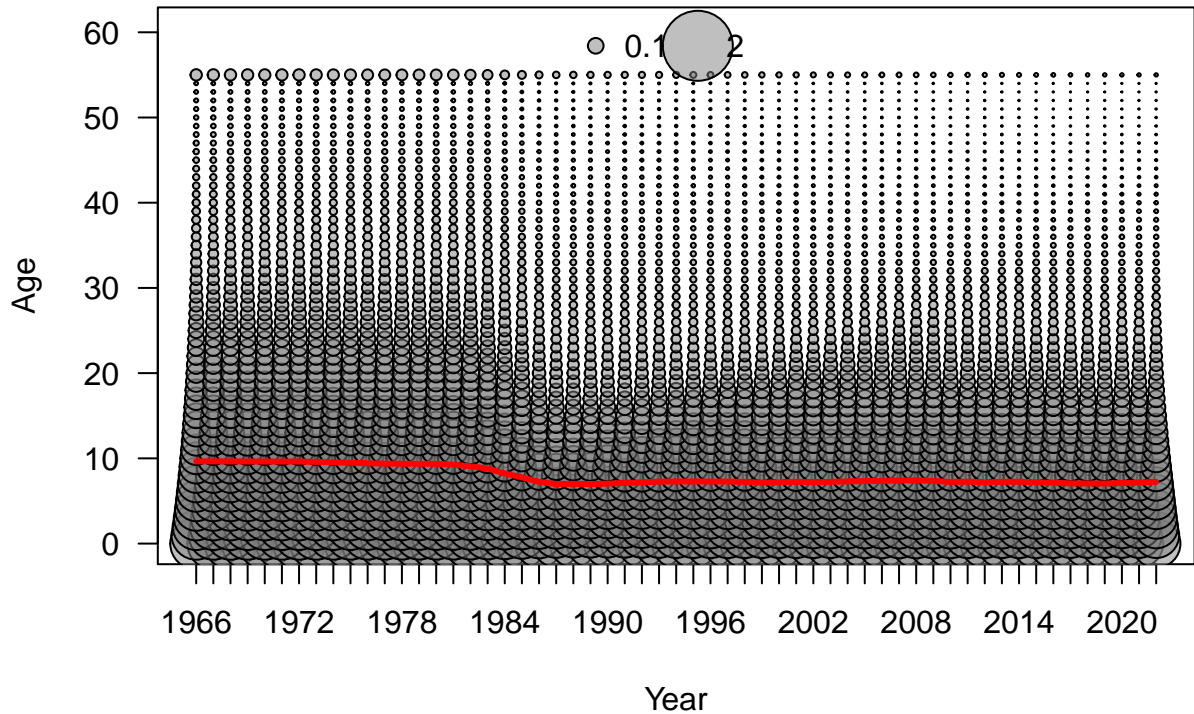


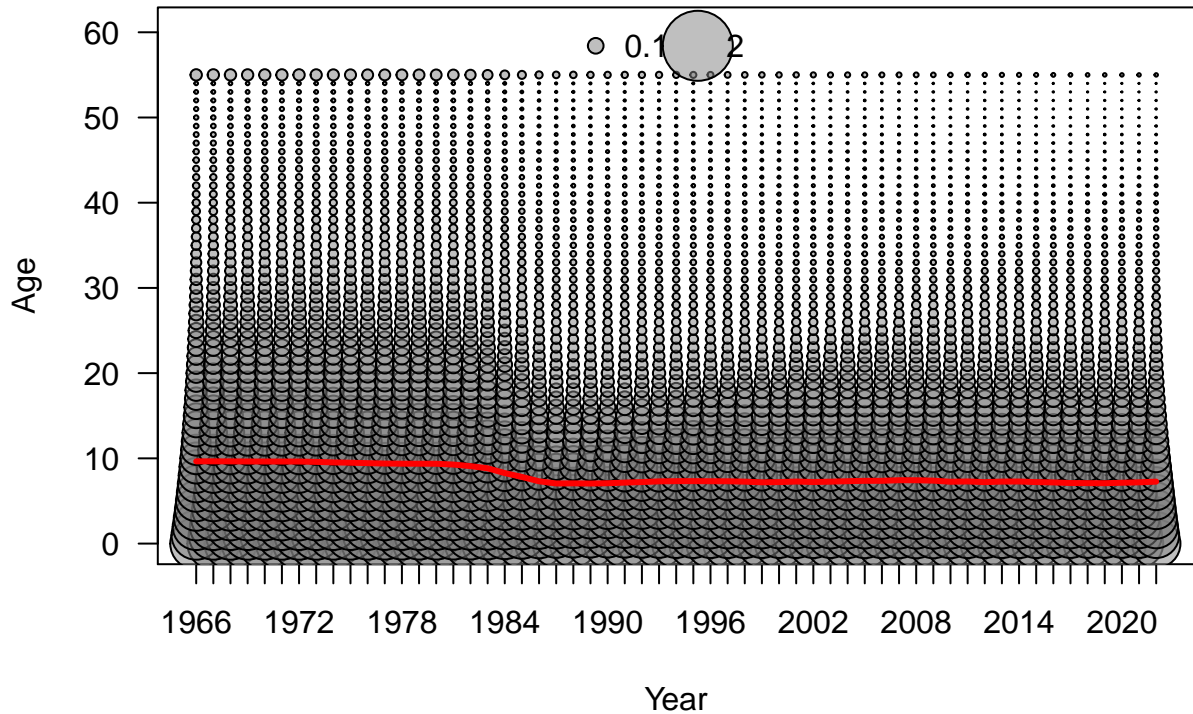


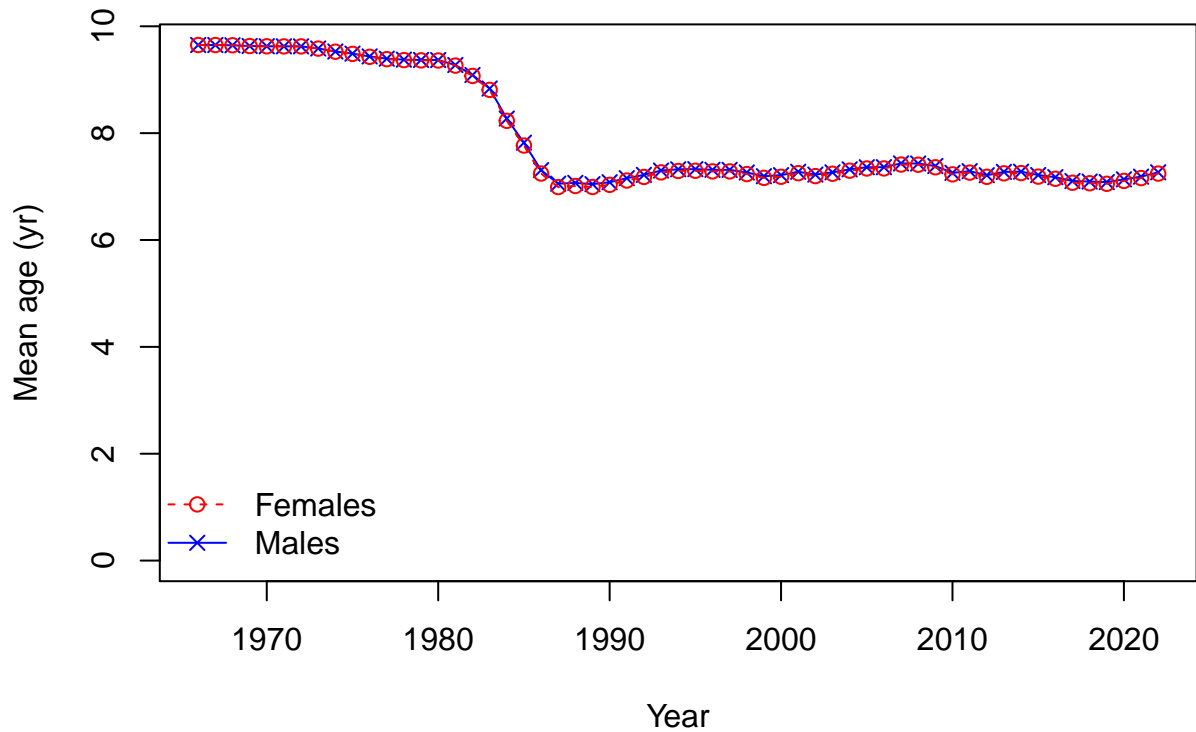


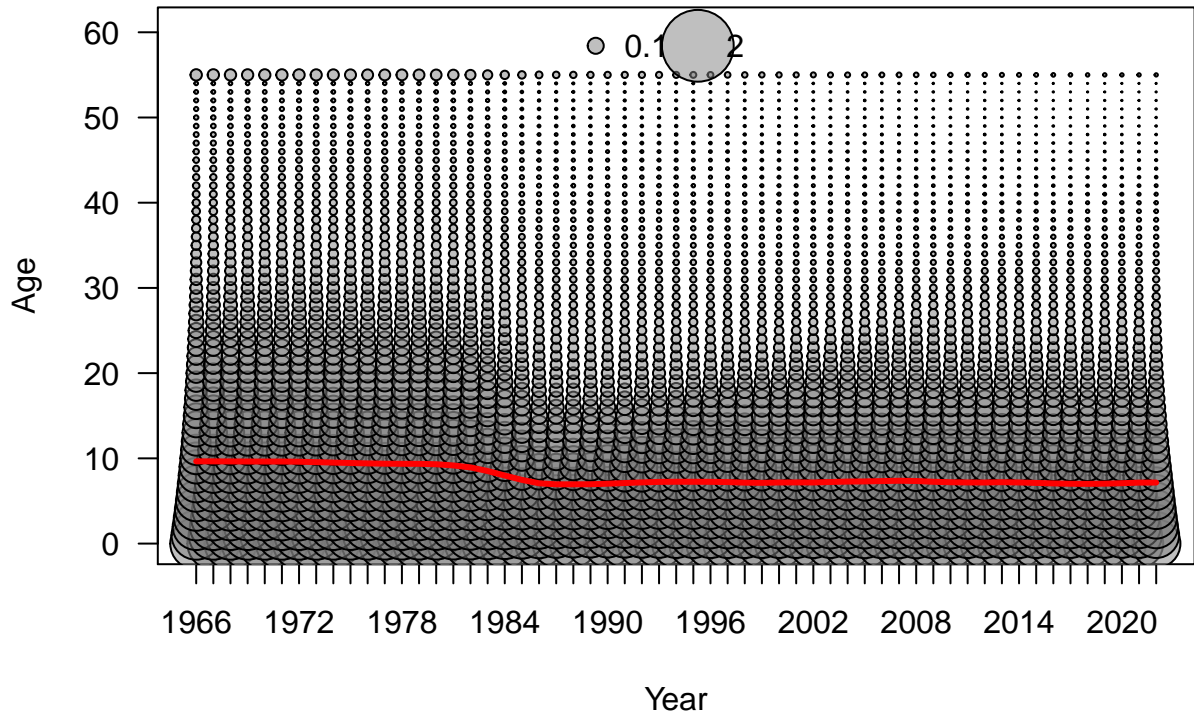


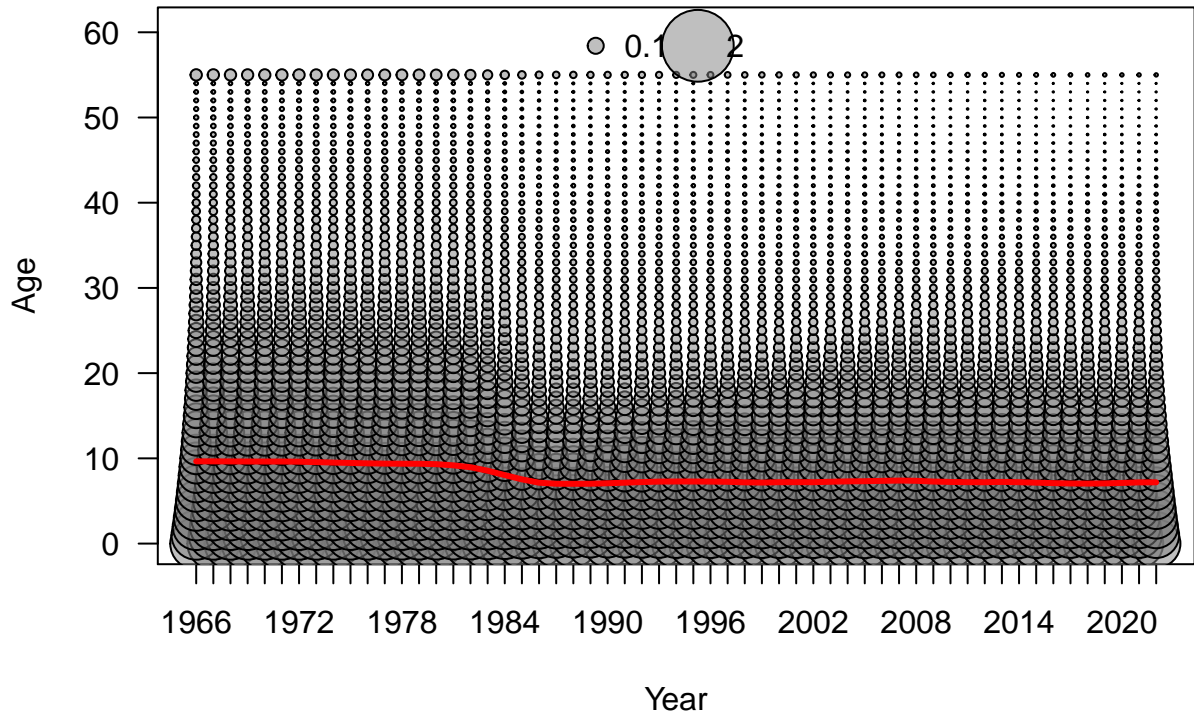


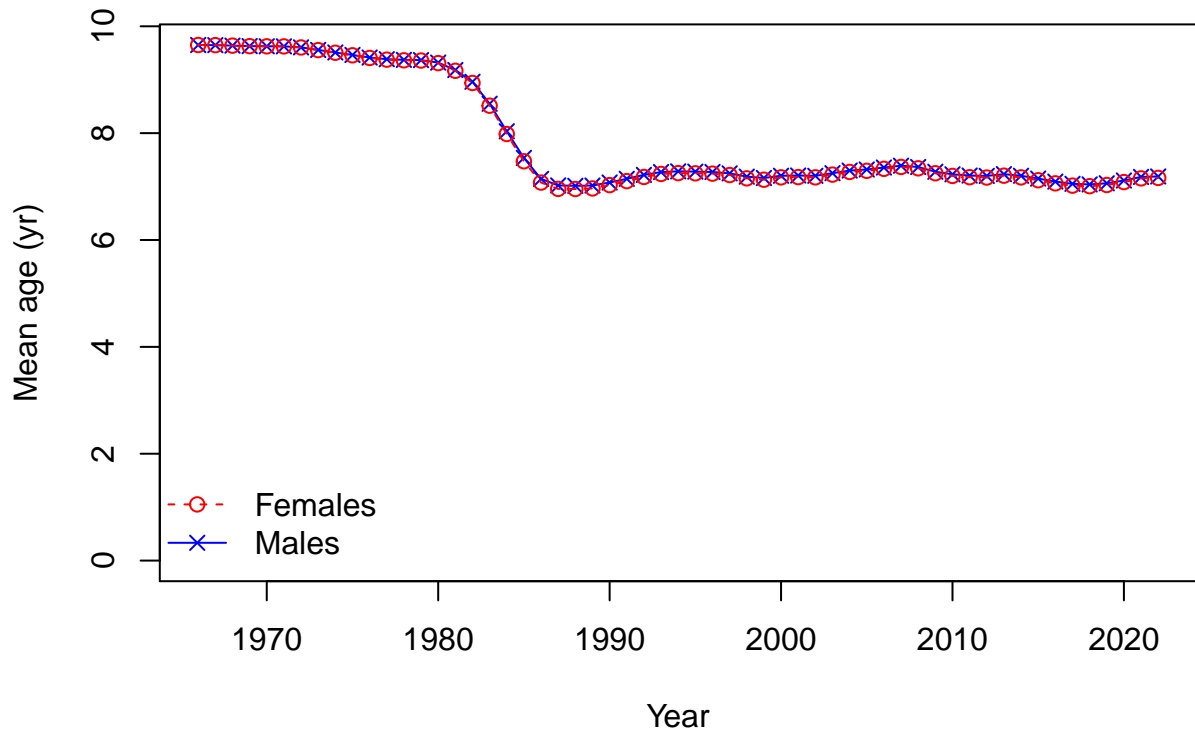




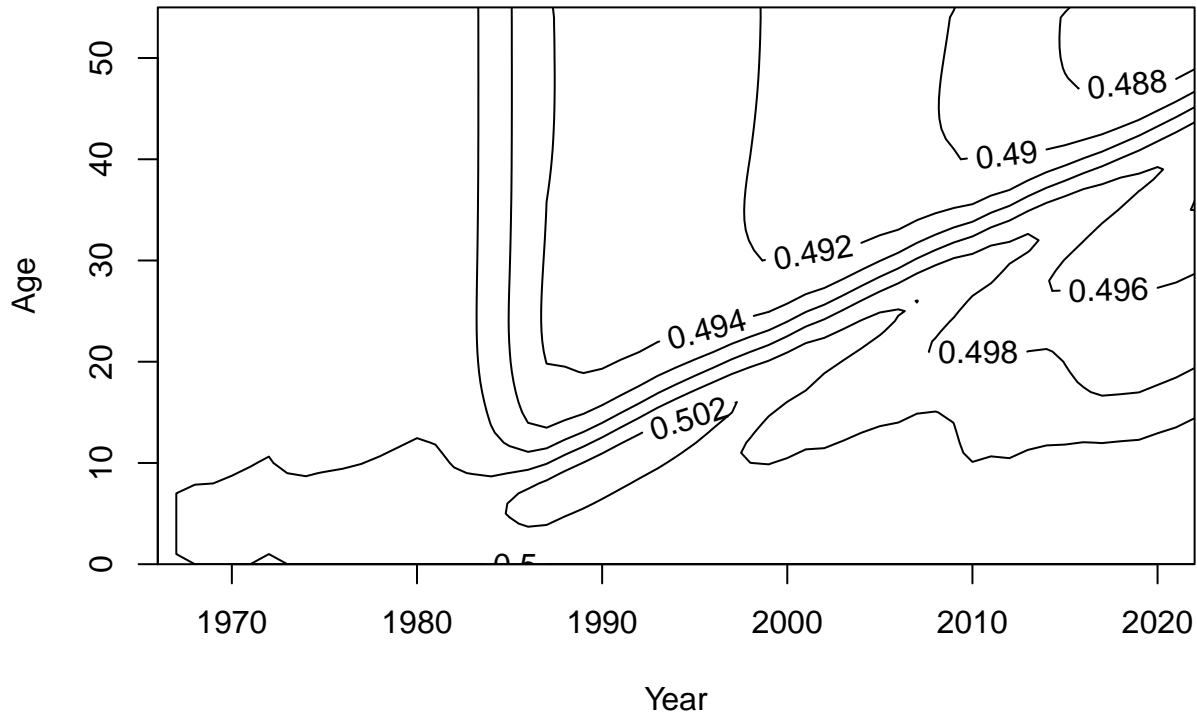


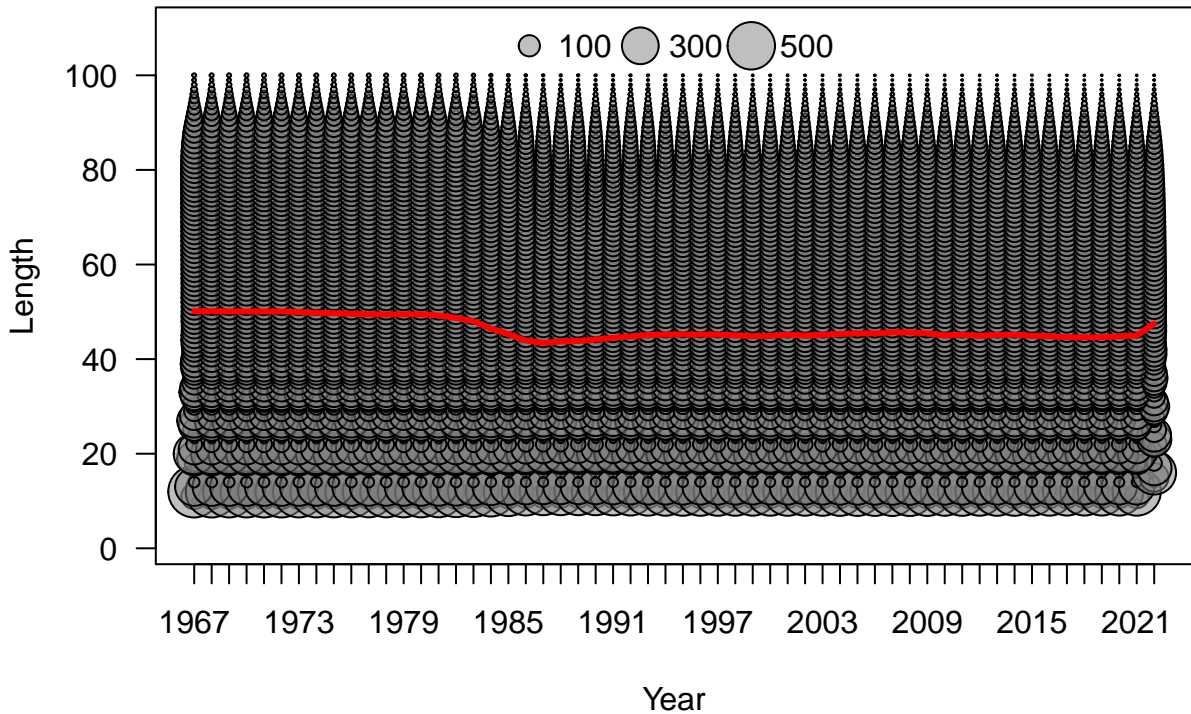


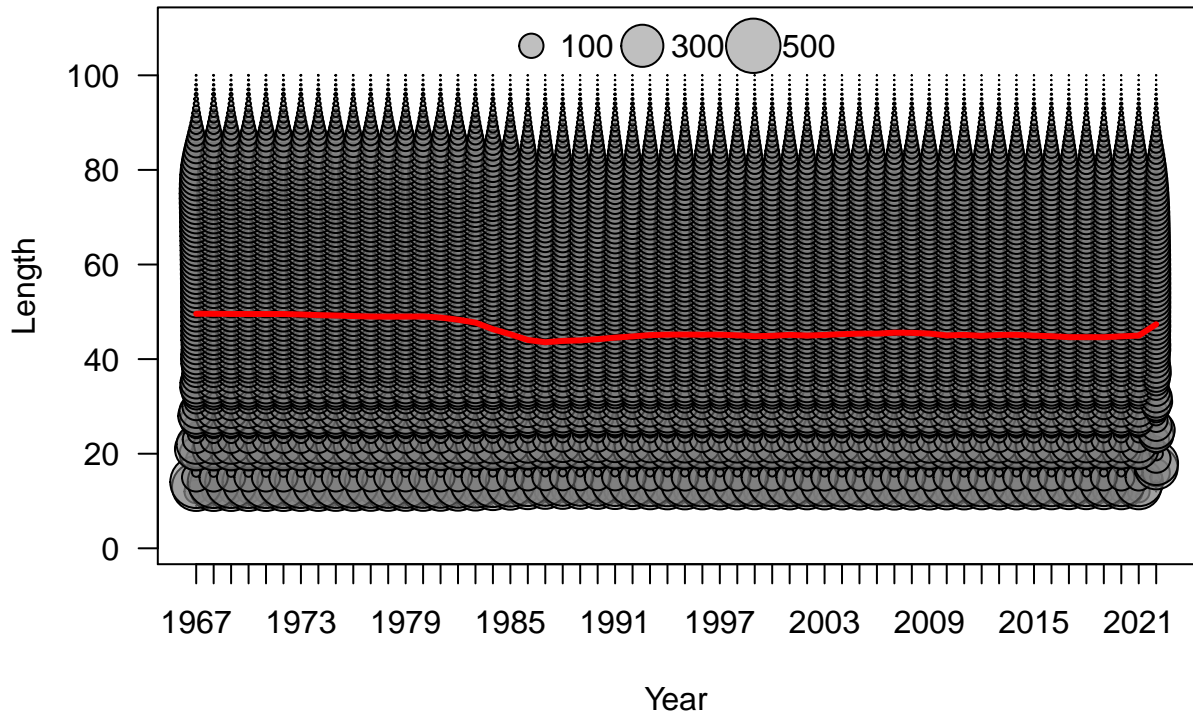


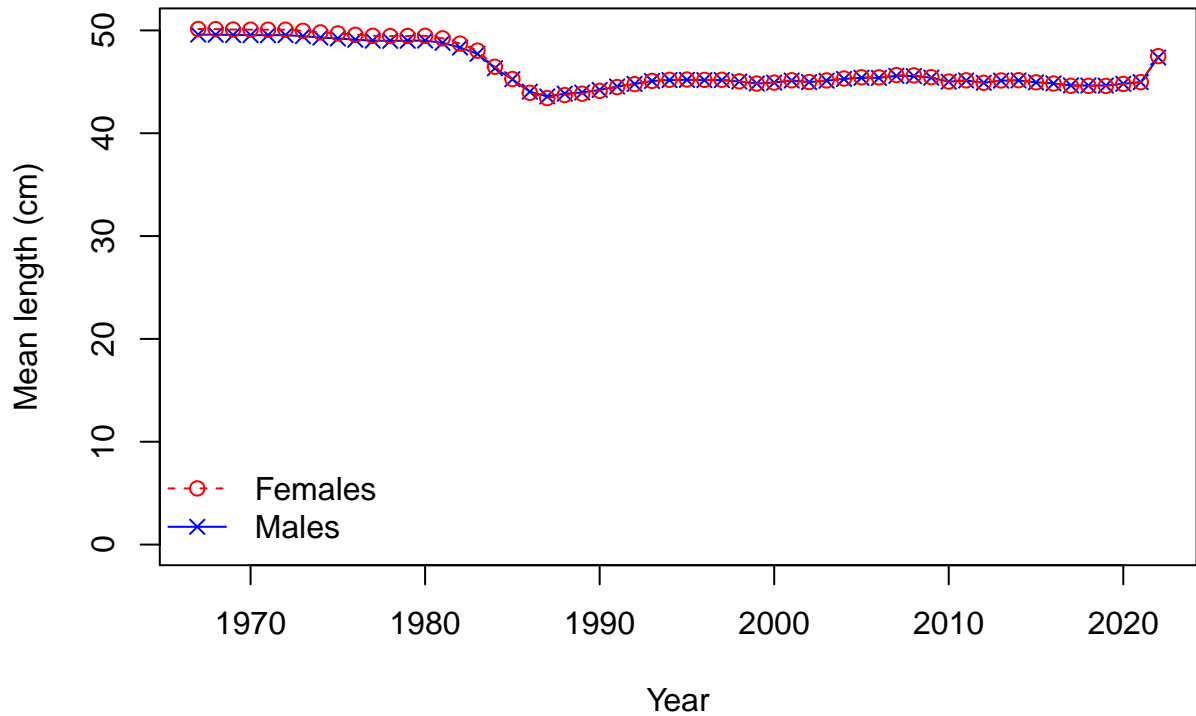


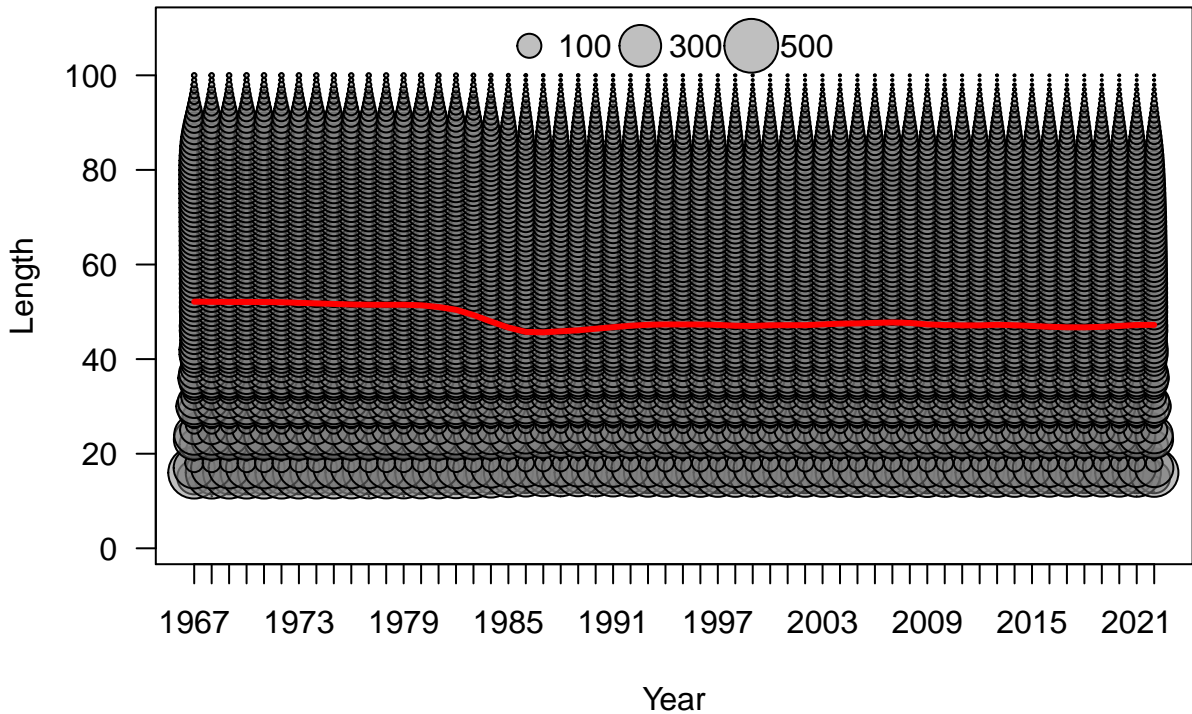


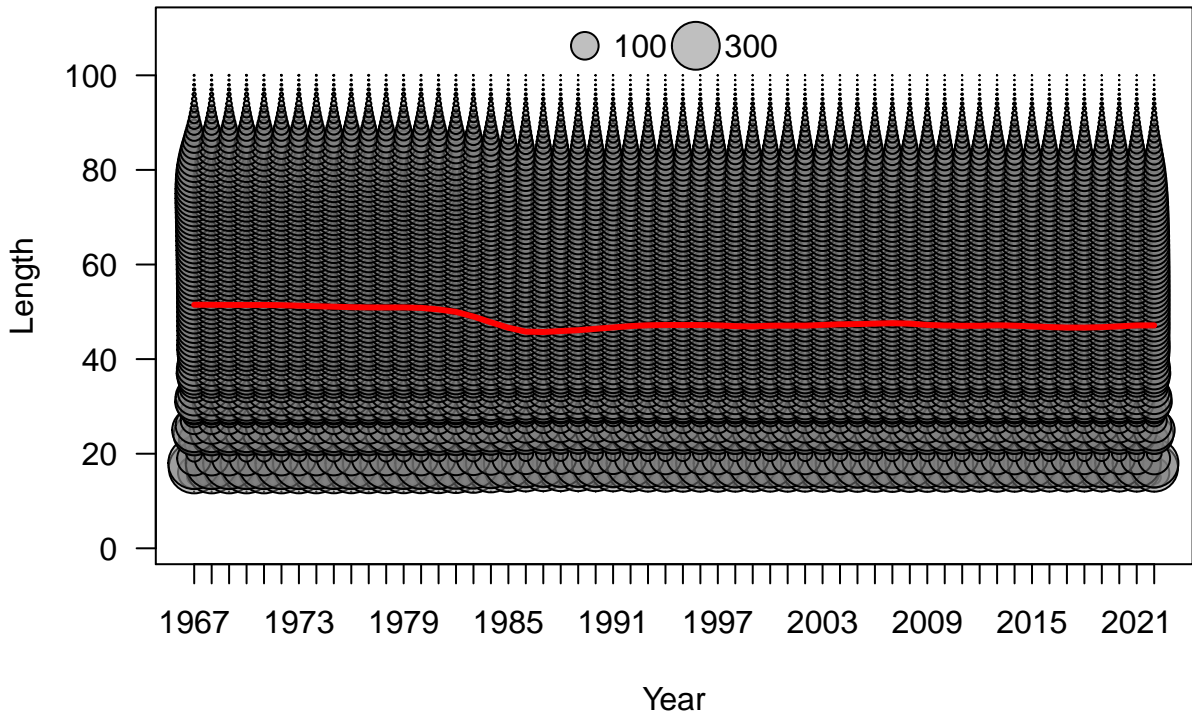


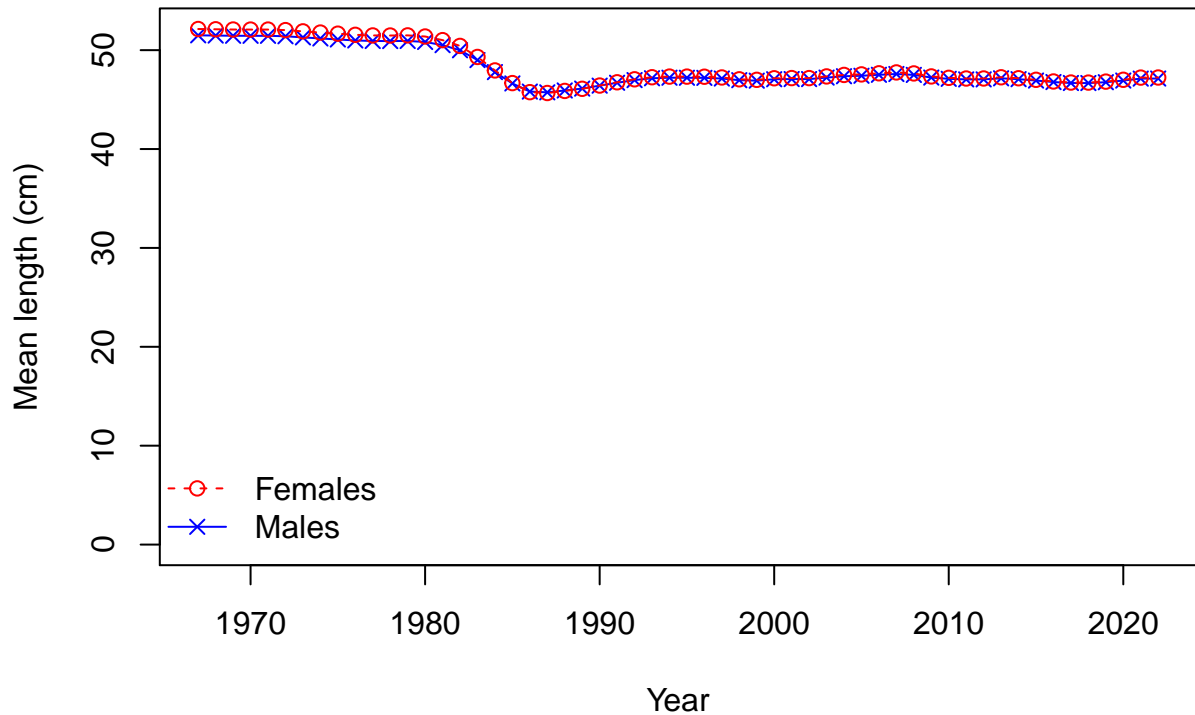


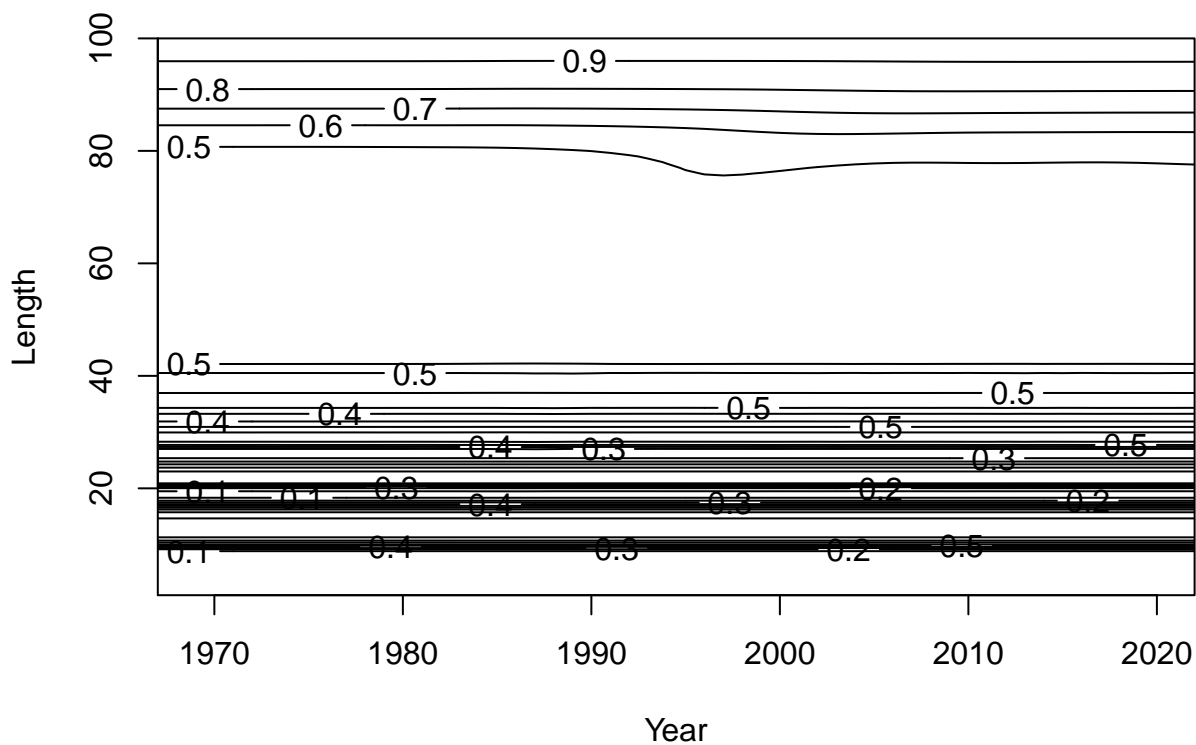






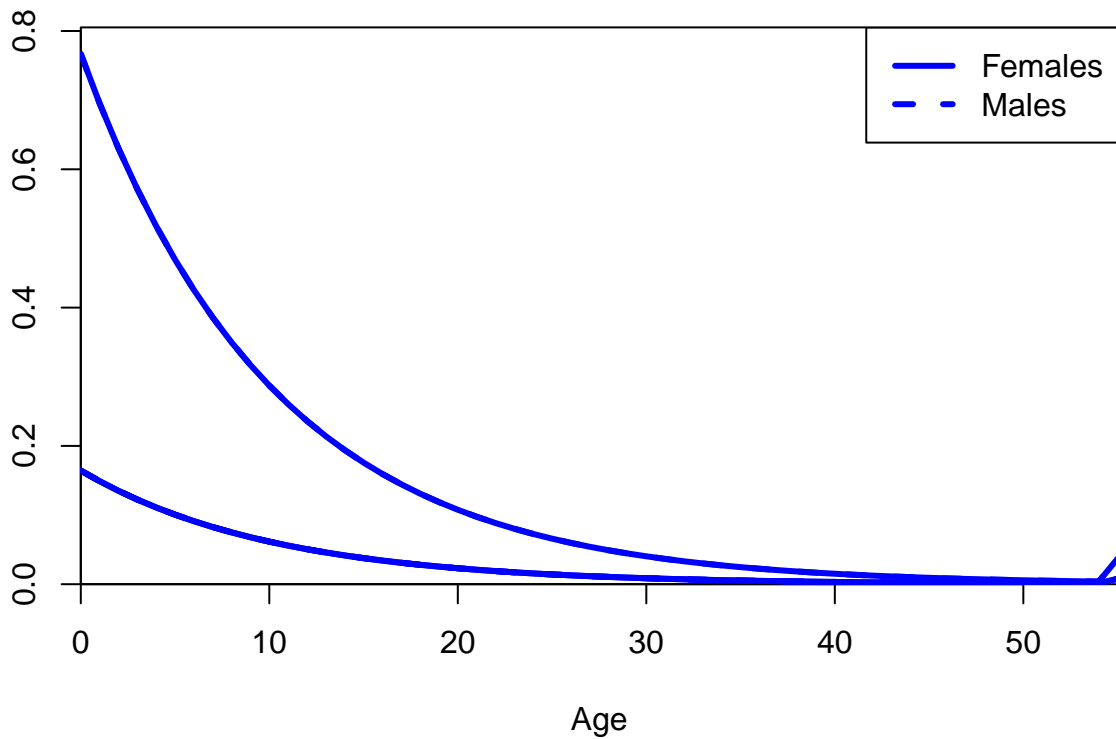


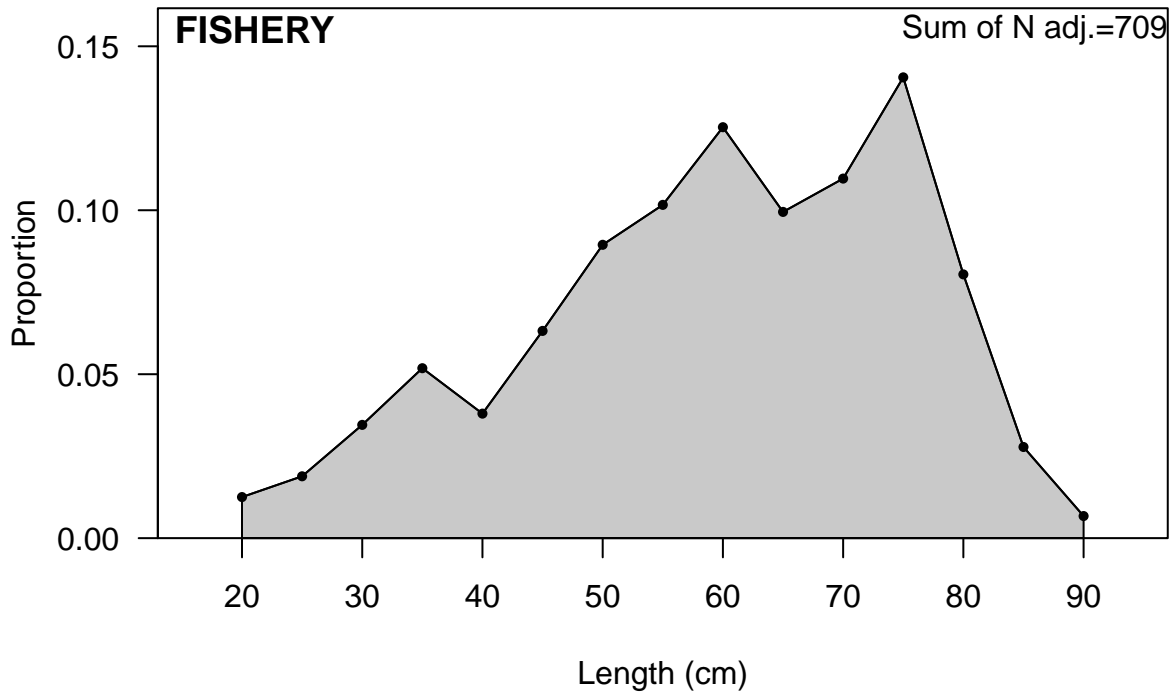


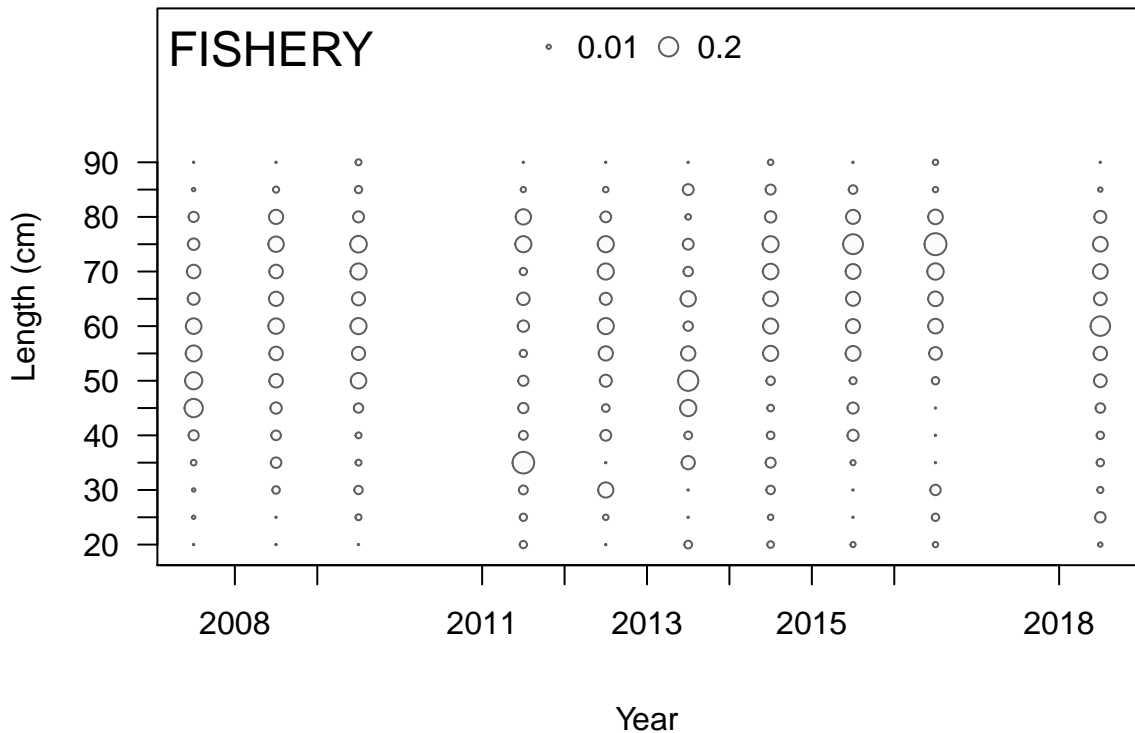




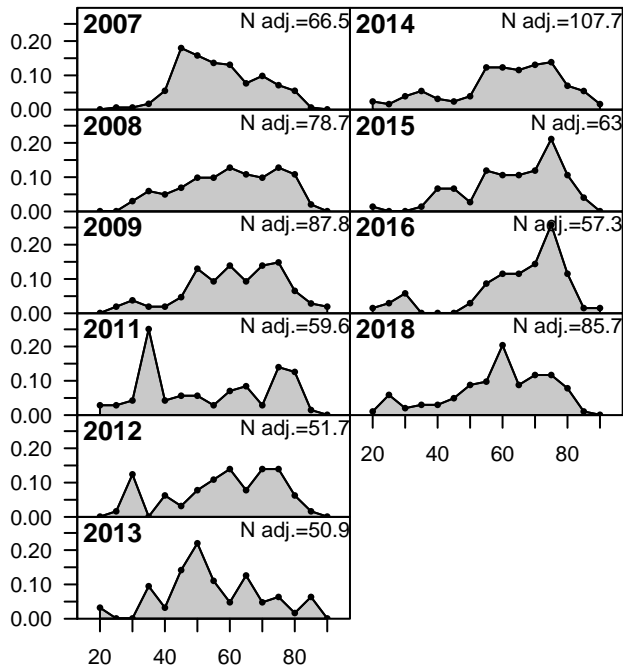
Numbers at age at equilibrium







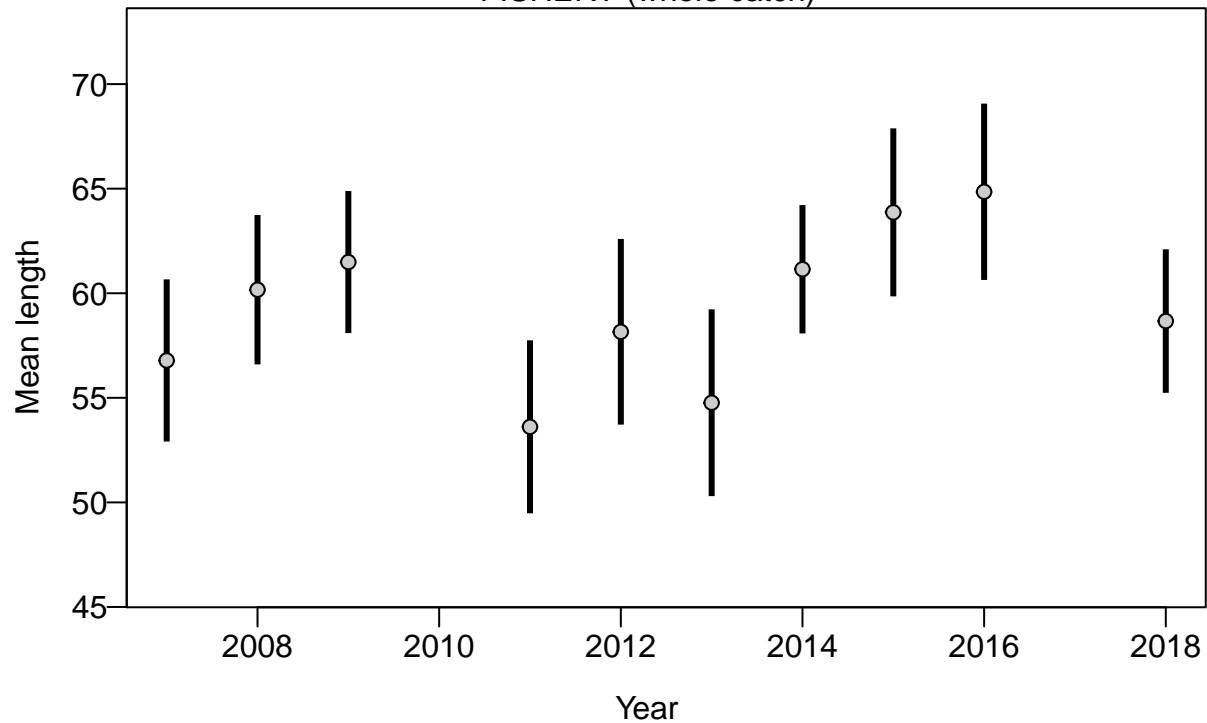
Proportion

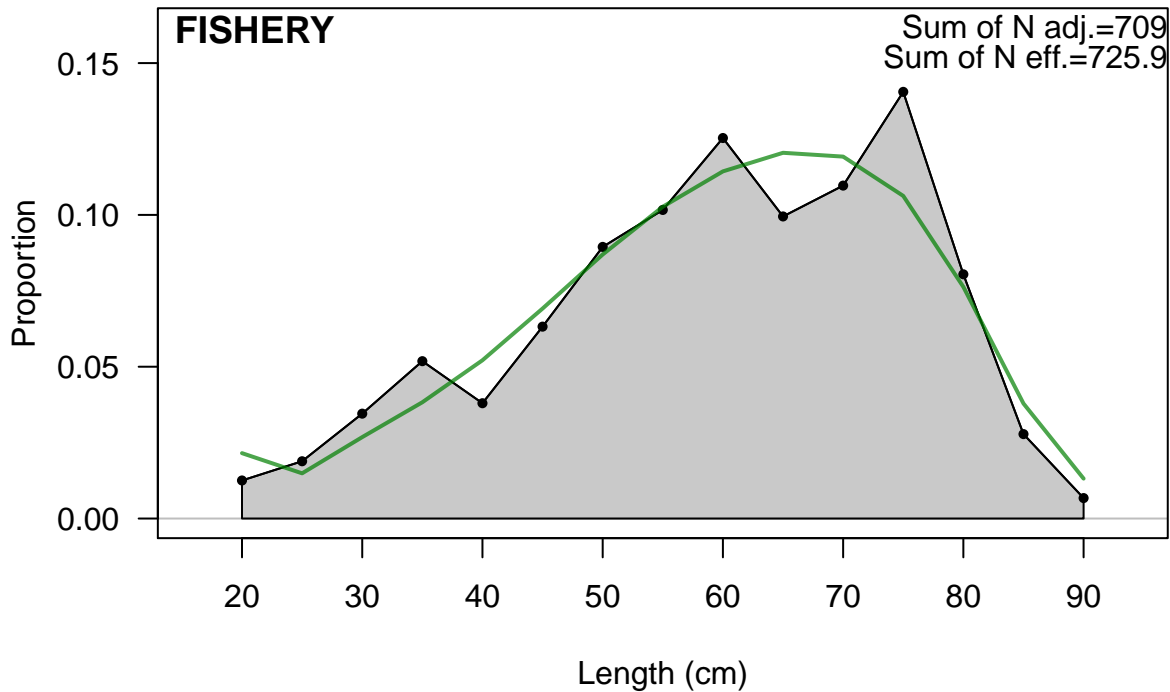


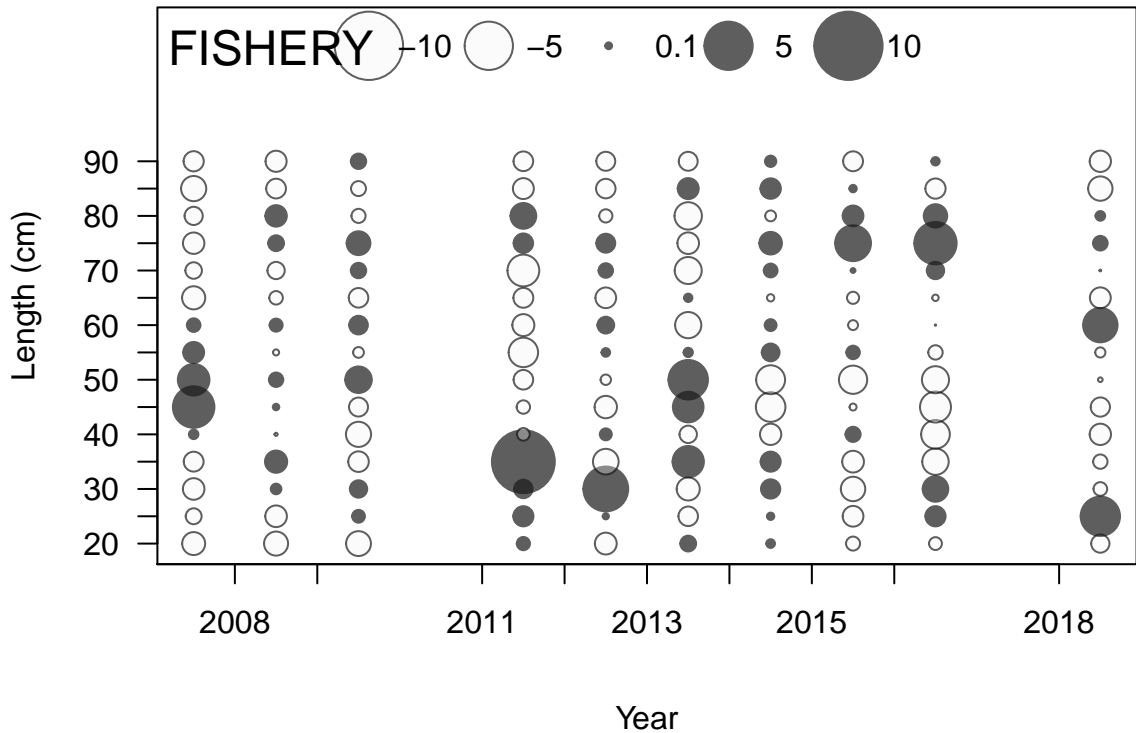
Length (cm)



FISHERY (whole catch)

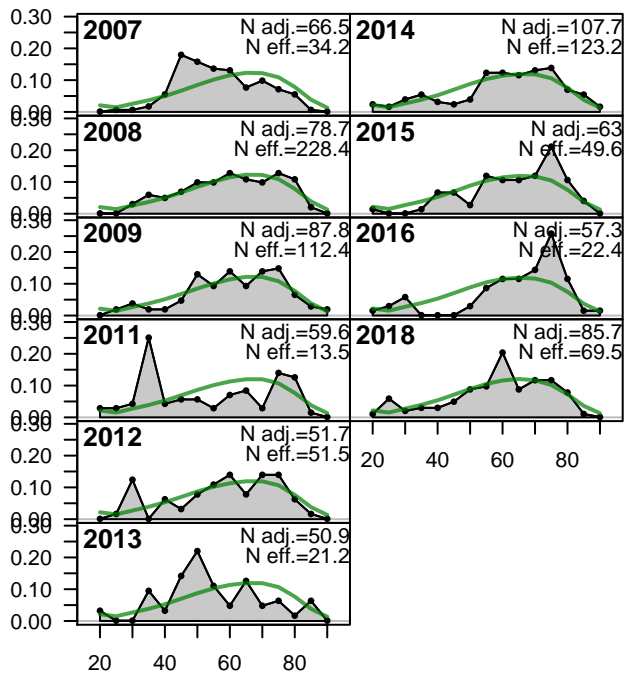




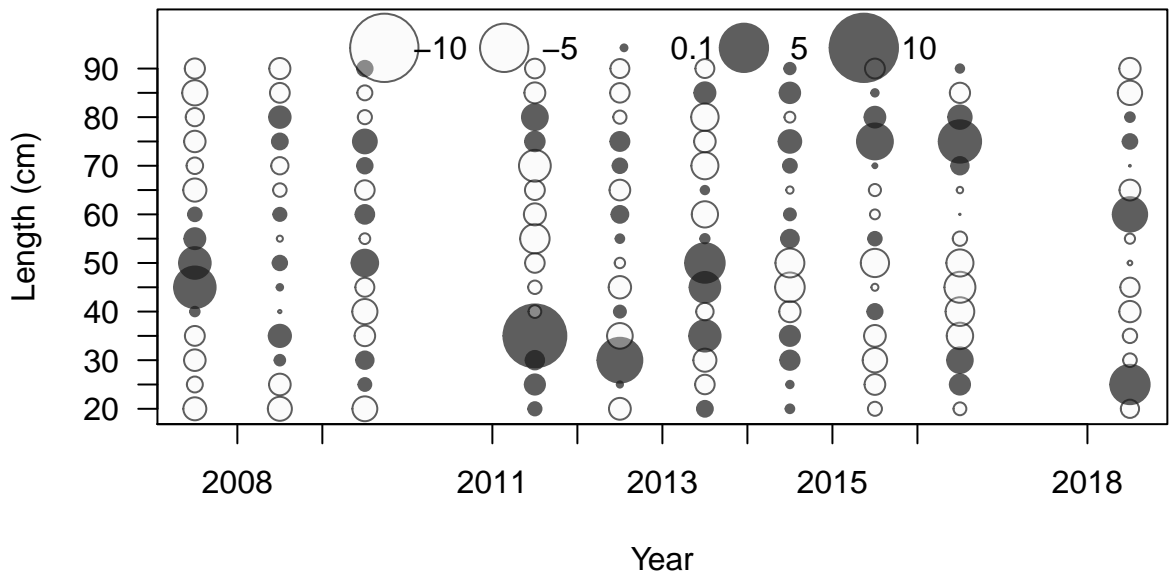




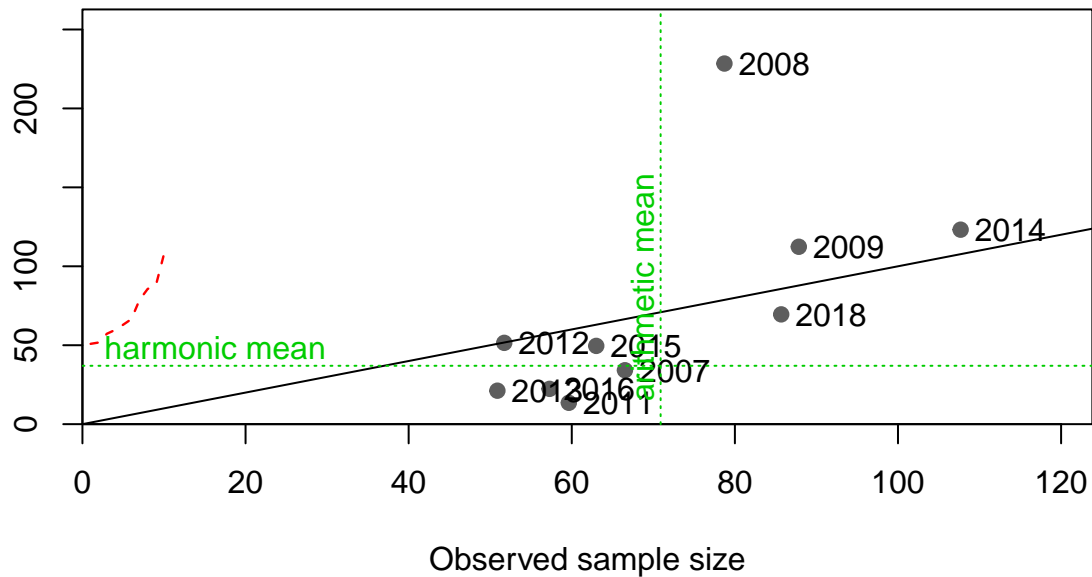
Proportion



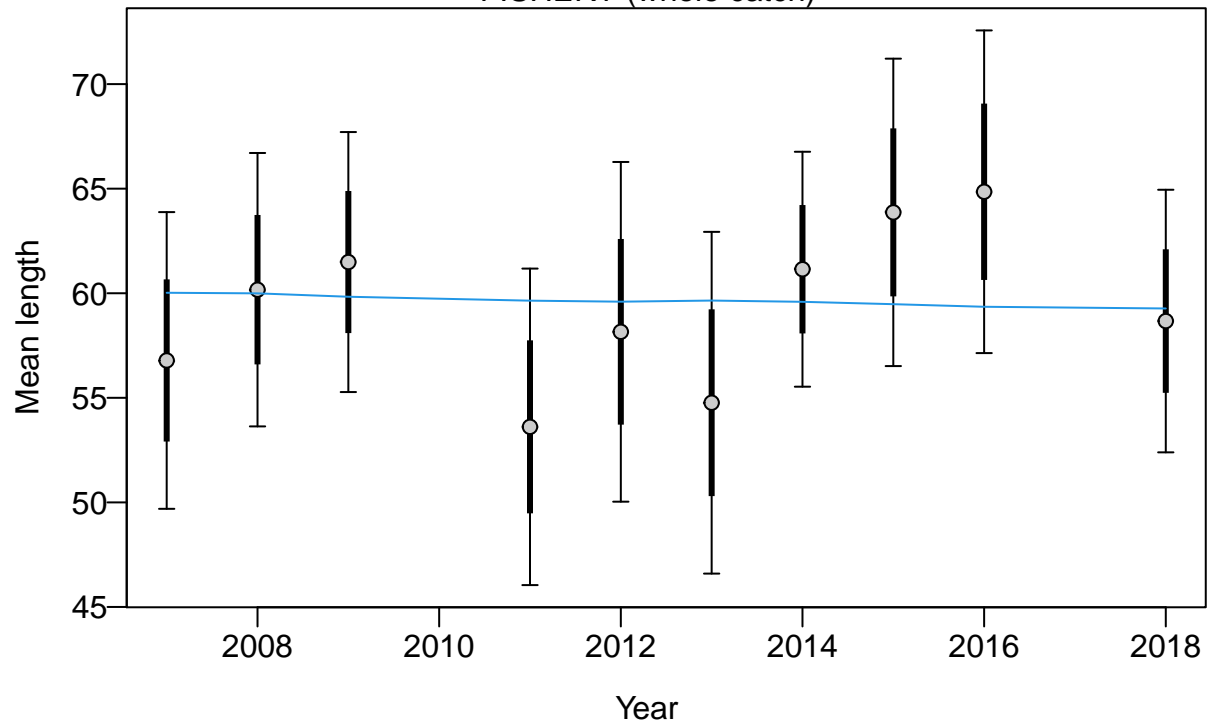
Length (cm)

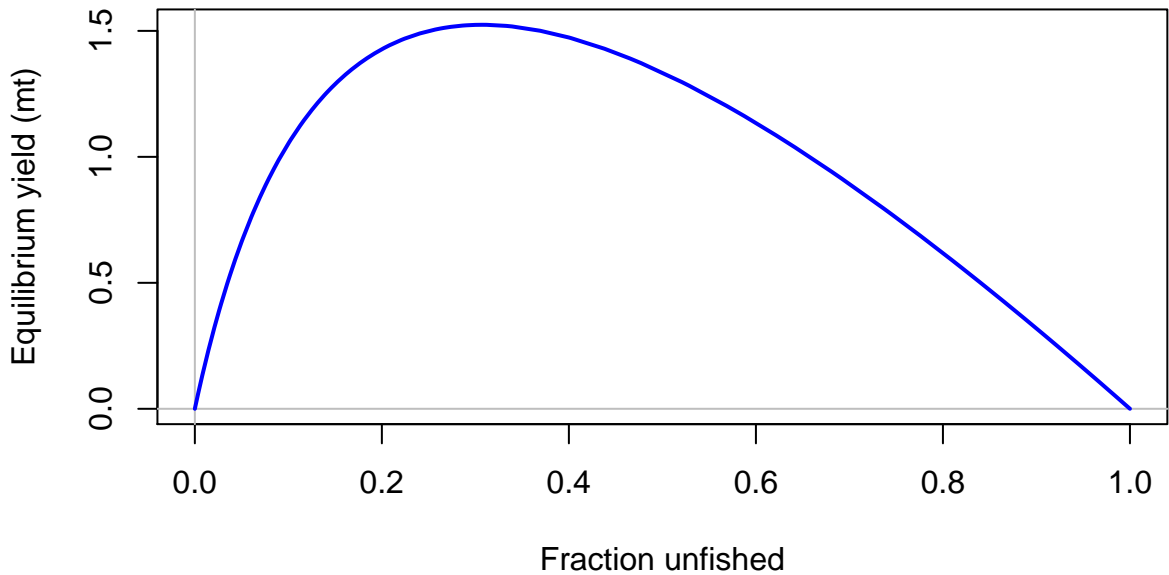


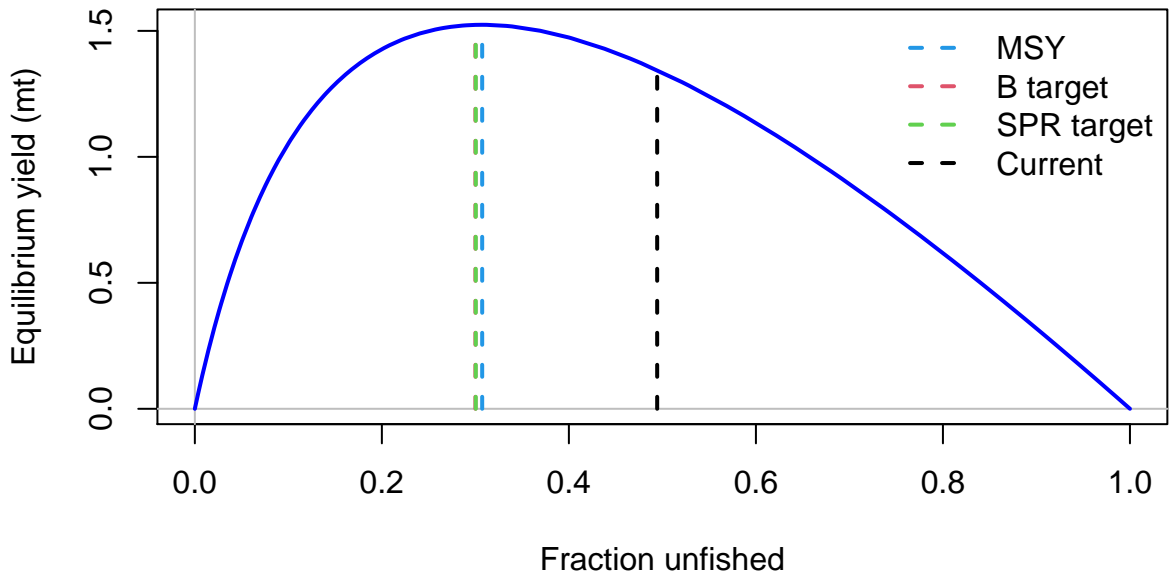
Effective sample size

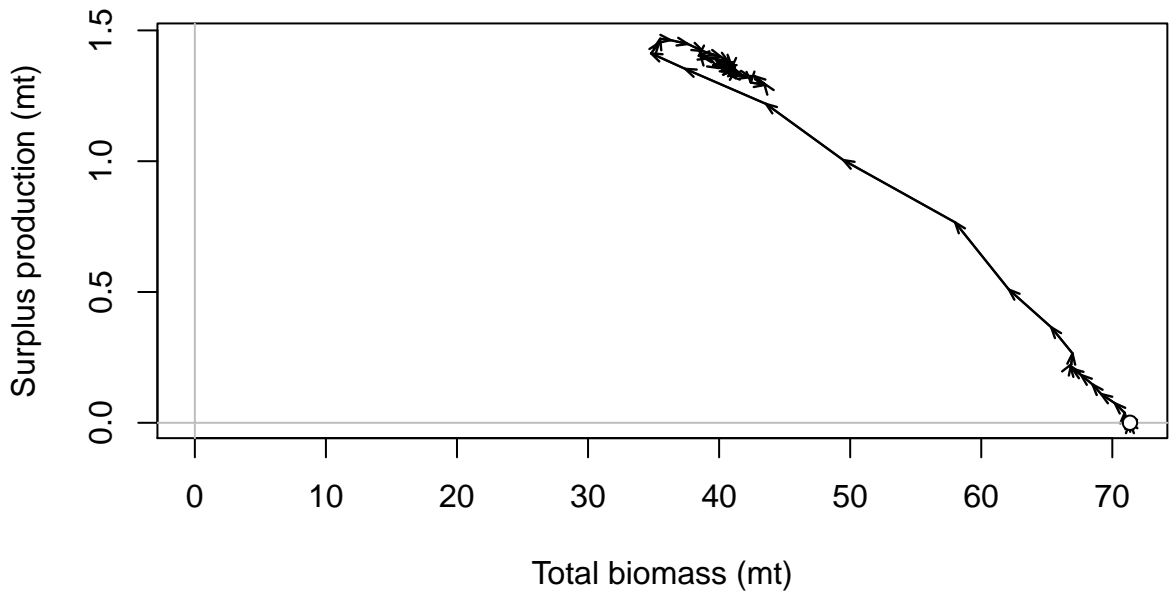


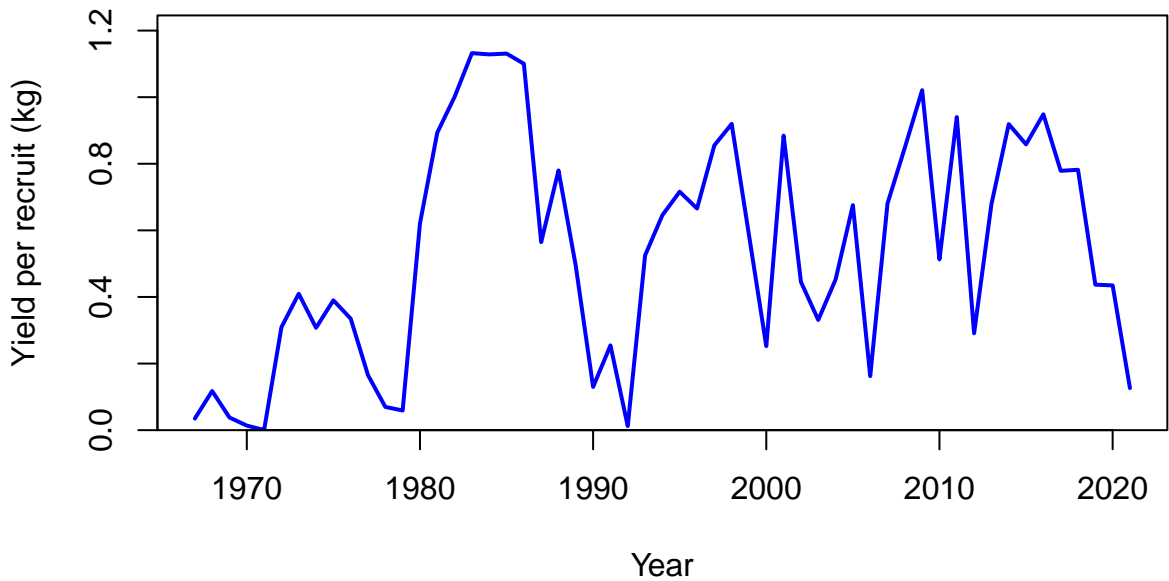
## FISHERY (whole catch)



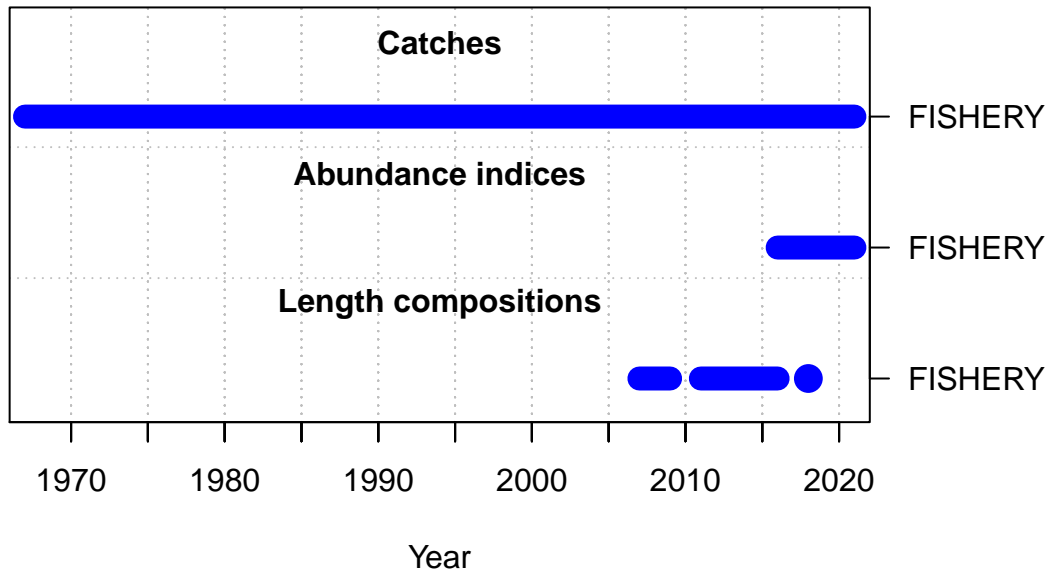


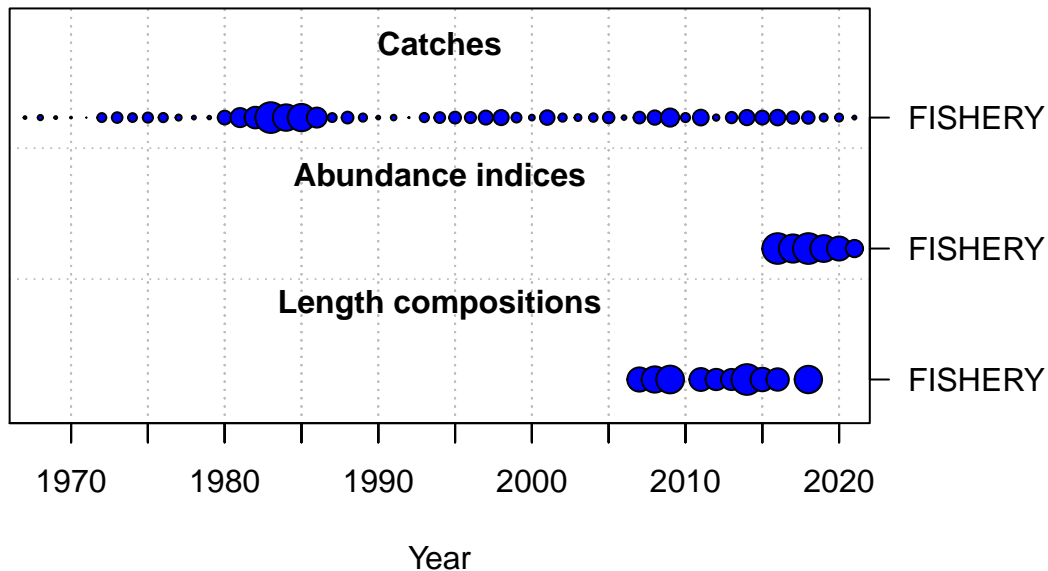








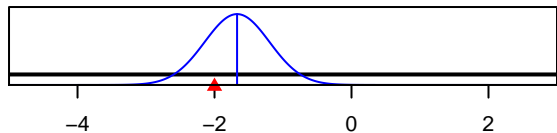




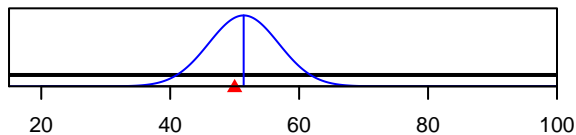
SR\_LN(R0)



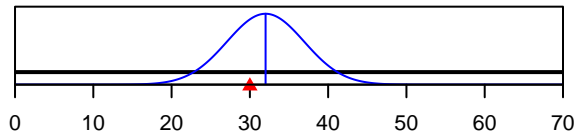
LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Size\_95%width\_FISHERY(1)



Parameter value