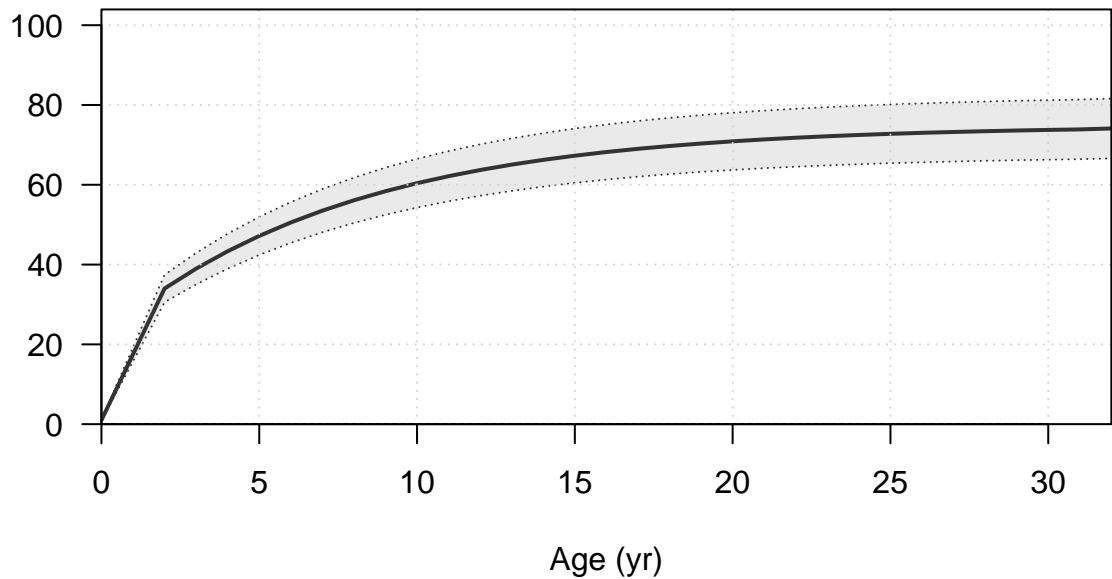
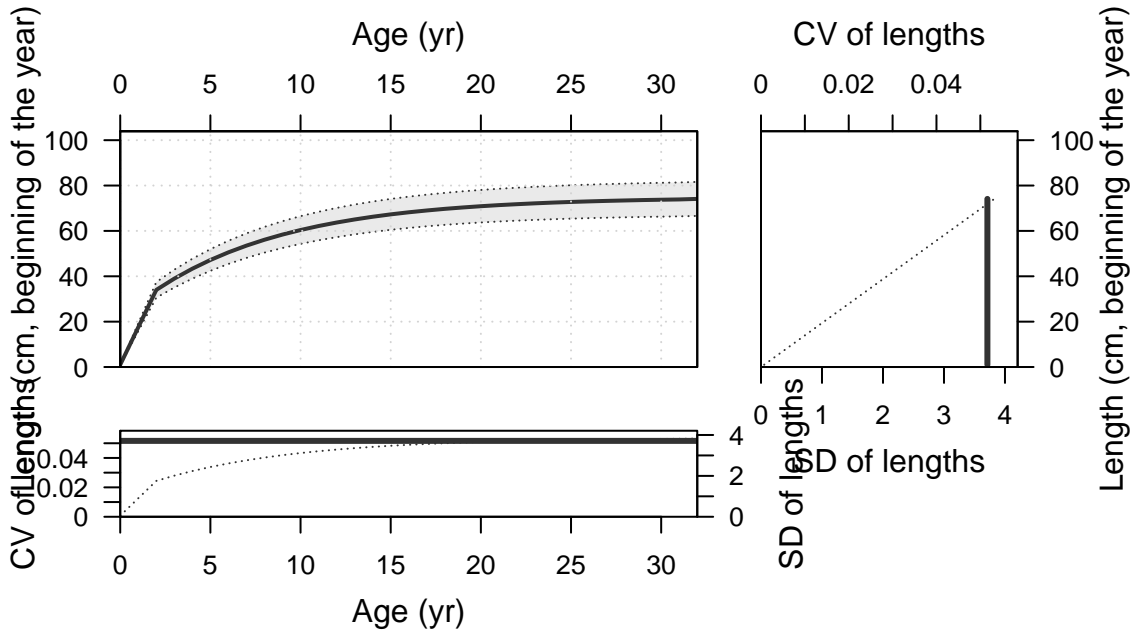
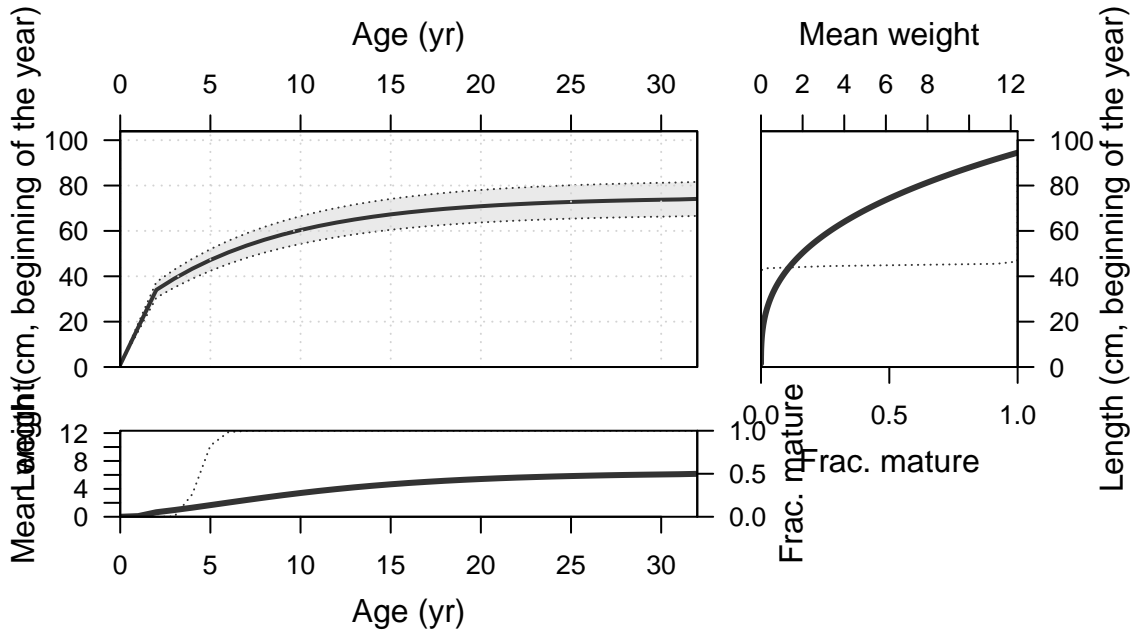


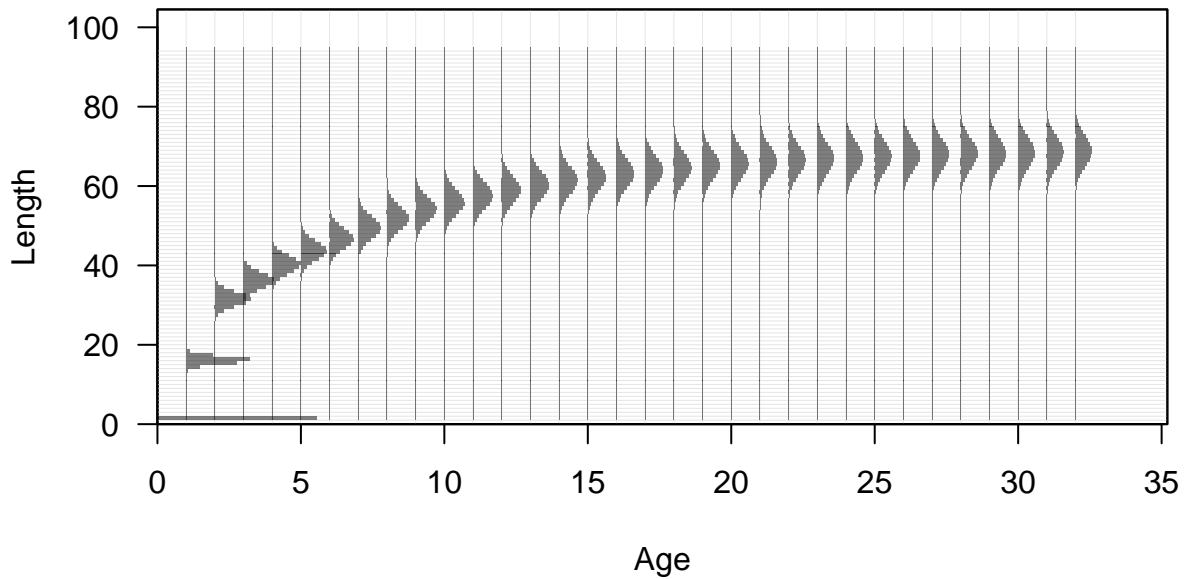
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Fri Apr 28 10:10:44 2023  
Data\_File: data.ss  
Control\_File: control.ss

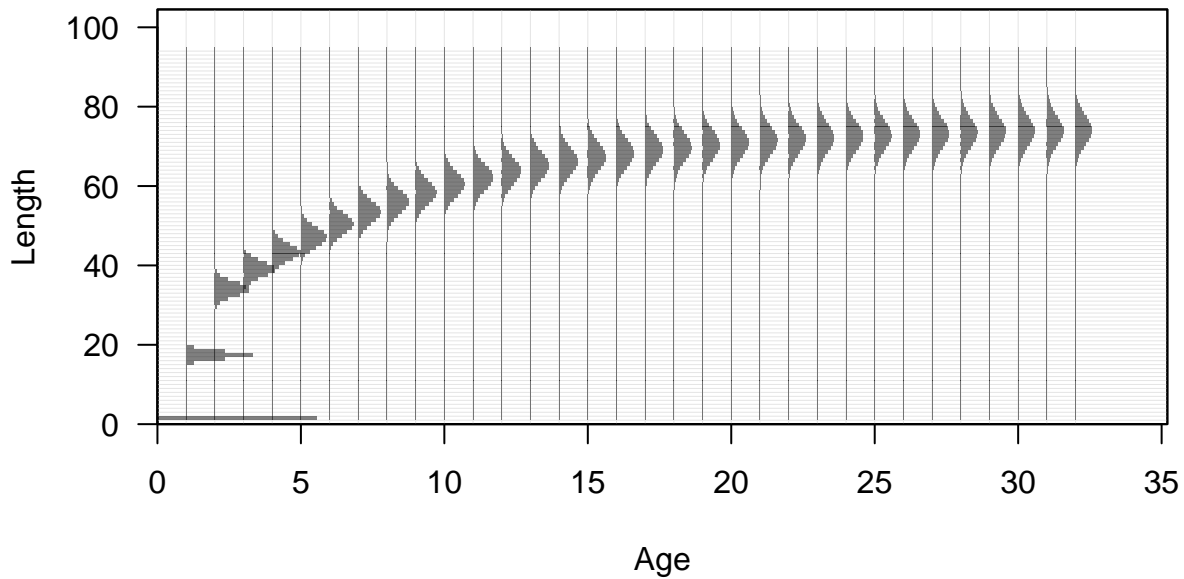
Length (cm, beginning of the year)

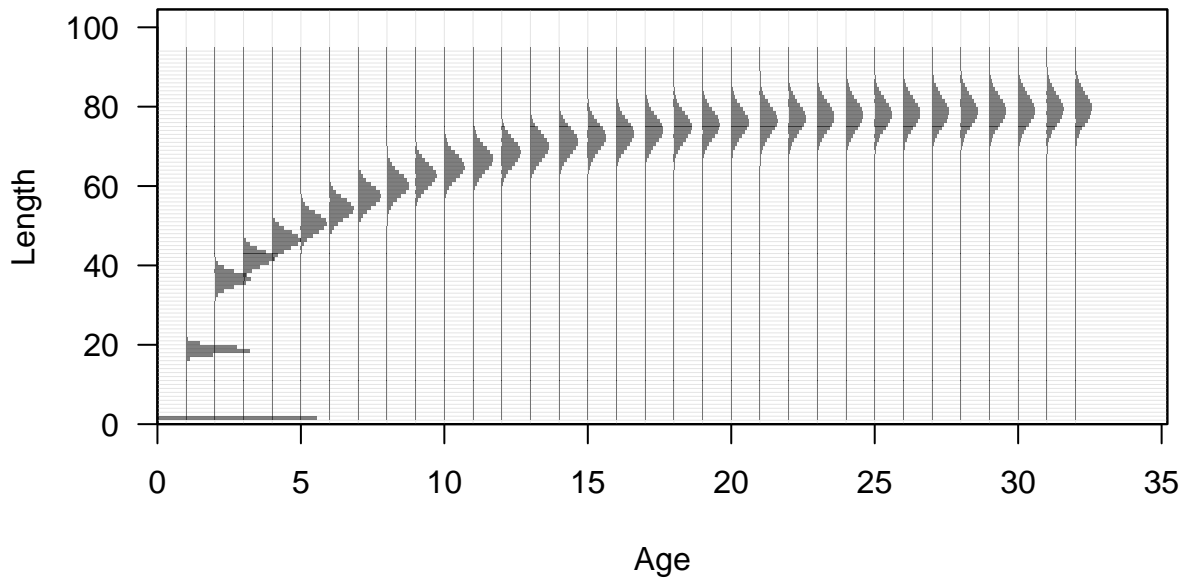


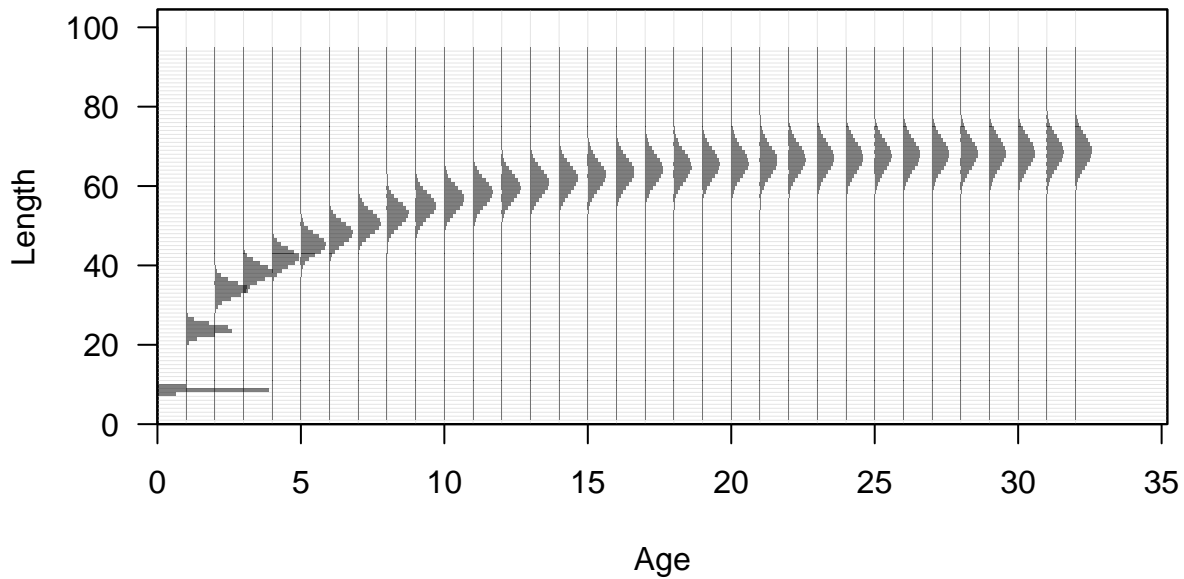




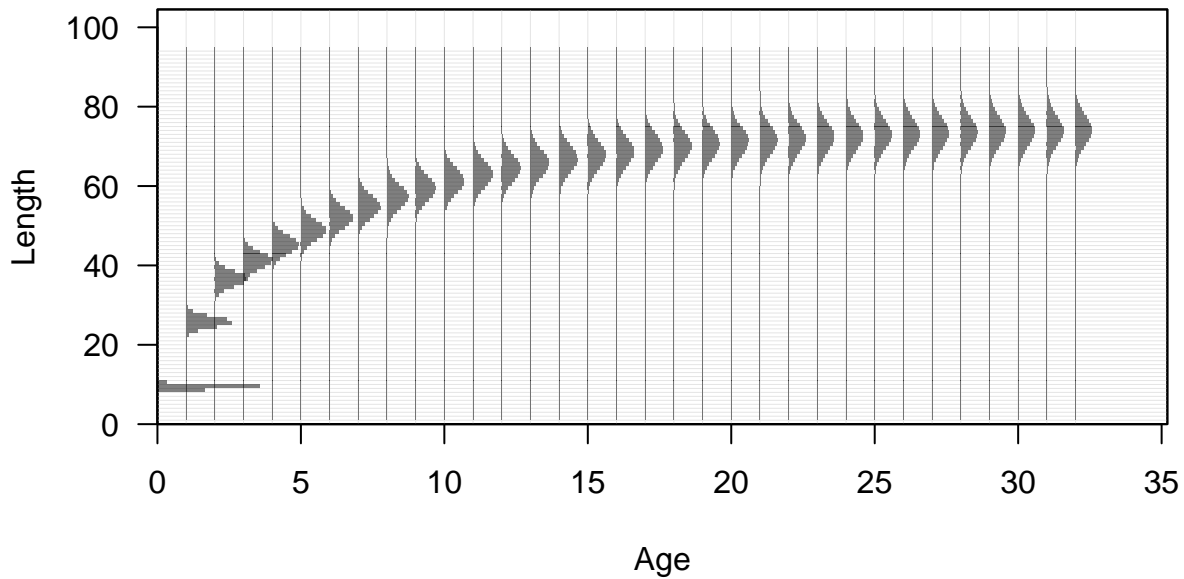


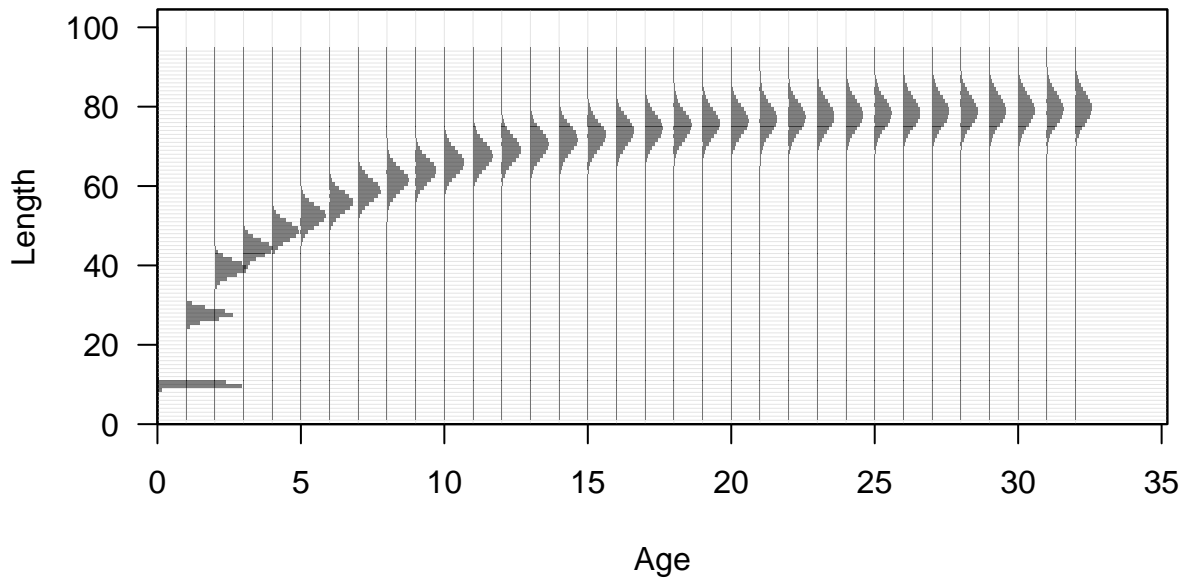


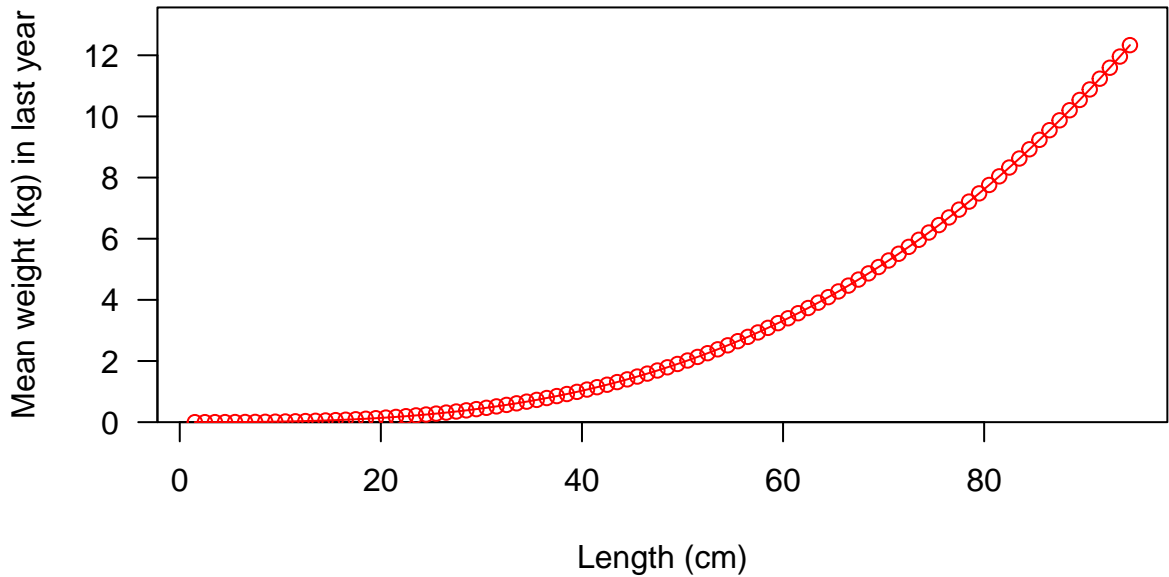


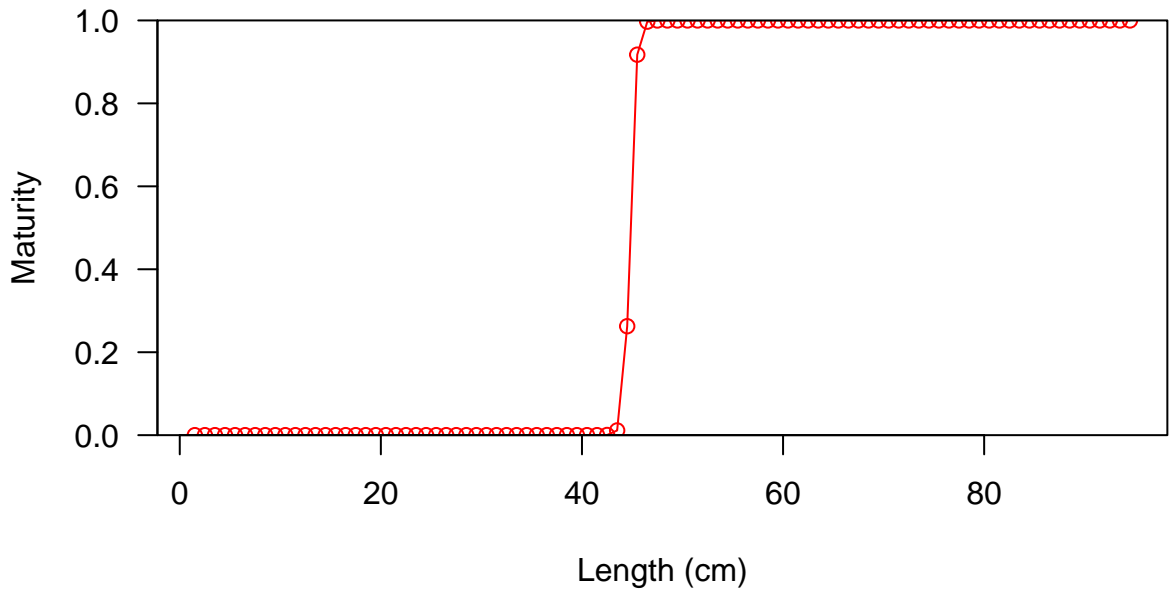


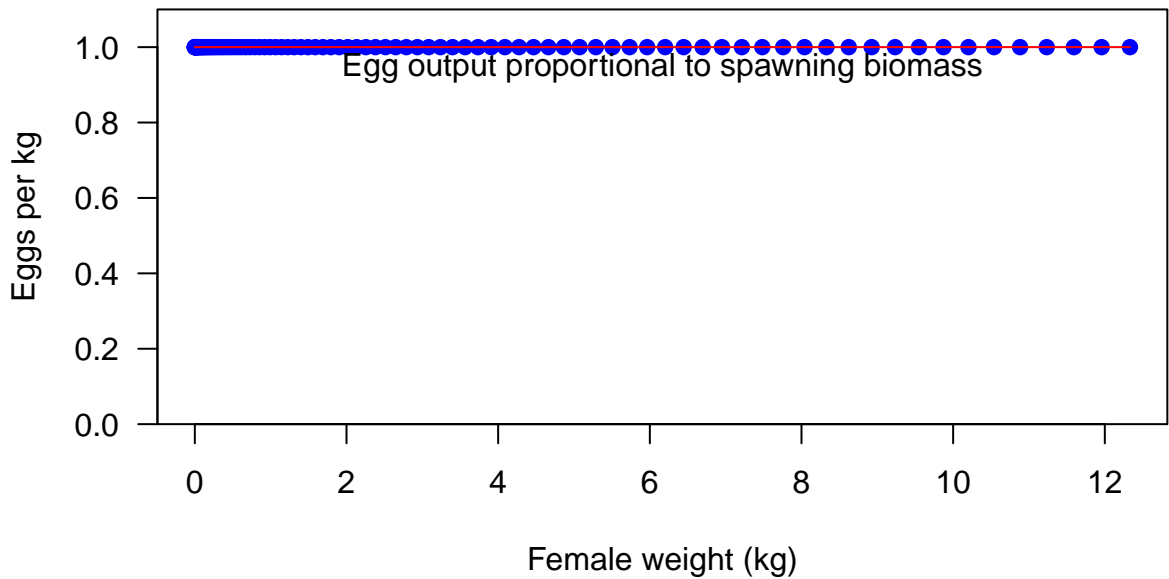




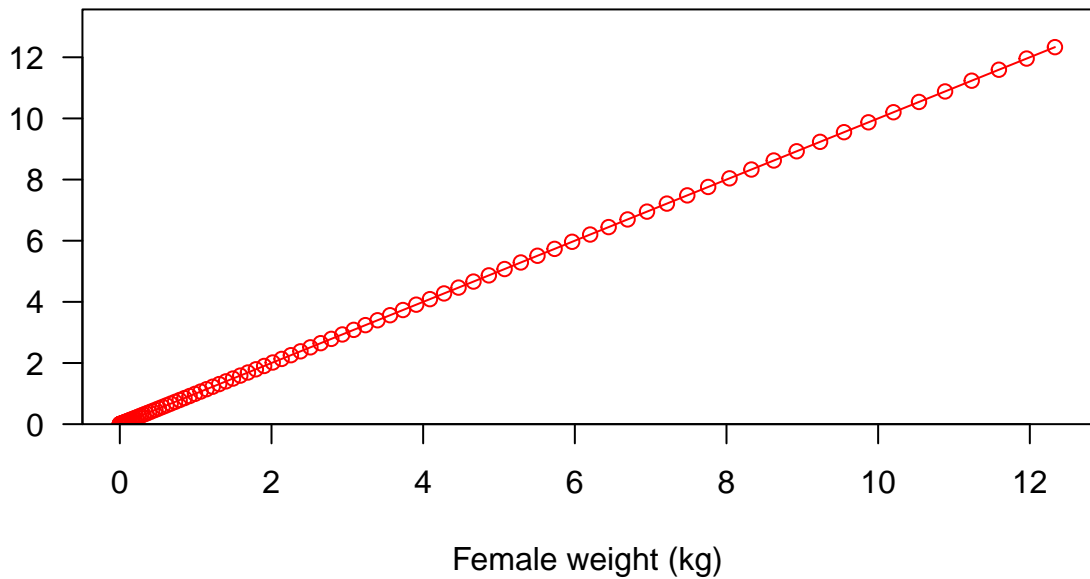




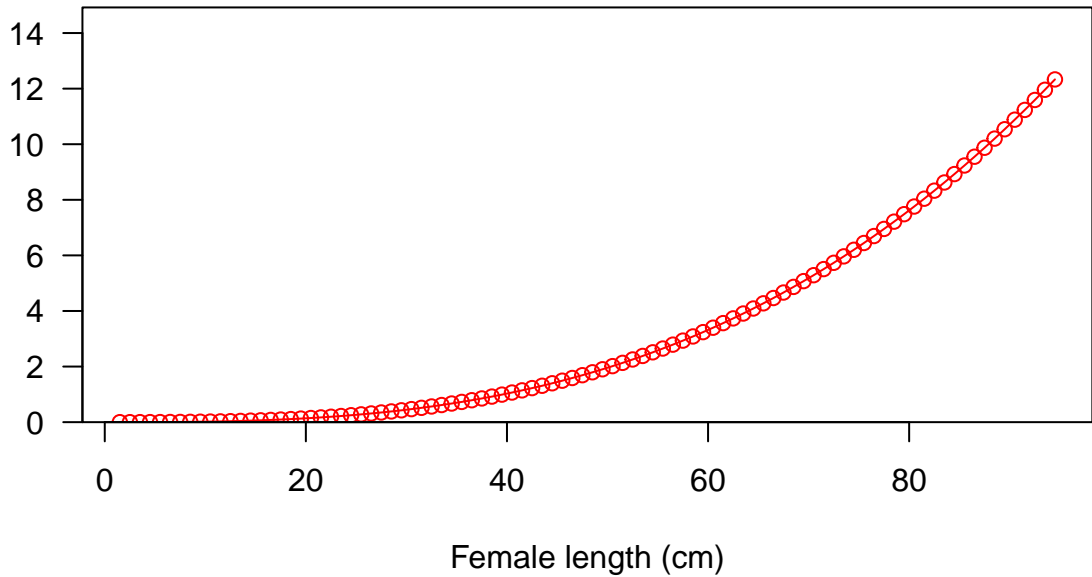




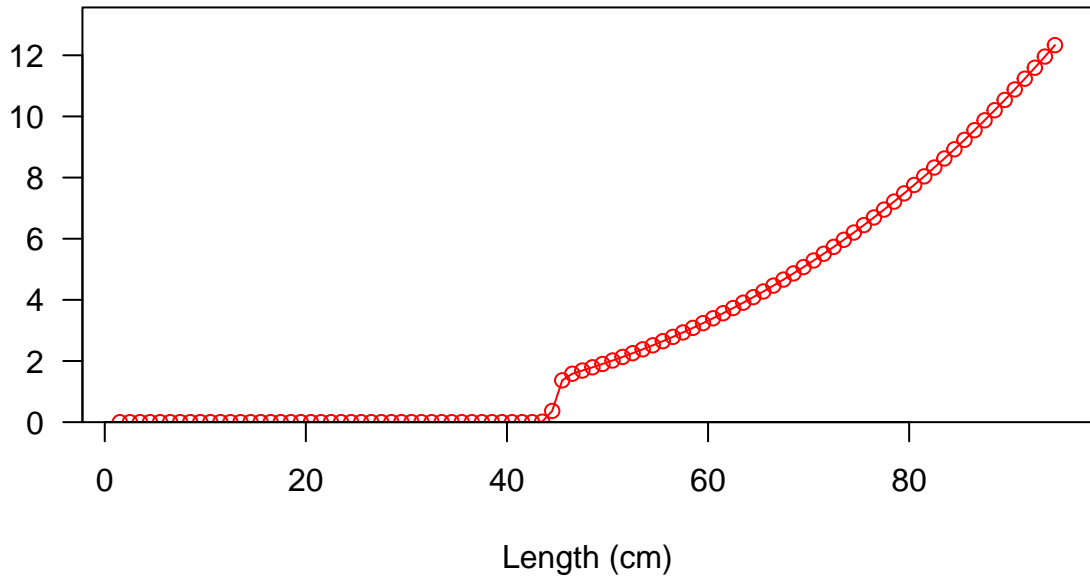
Fecundity



Fecundity

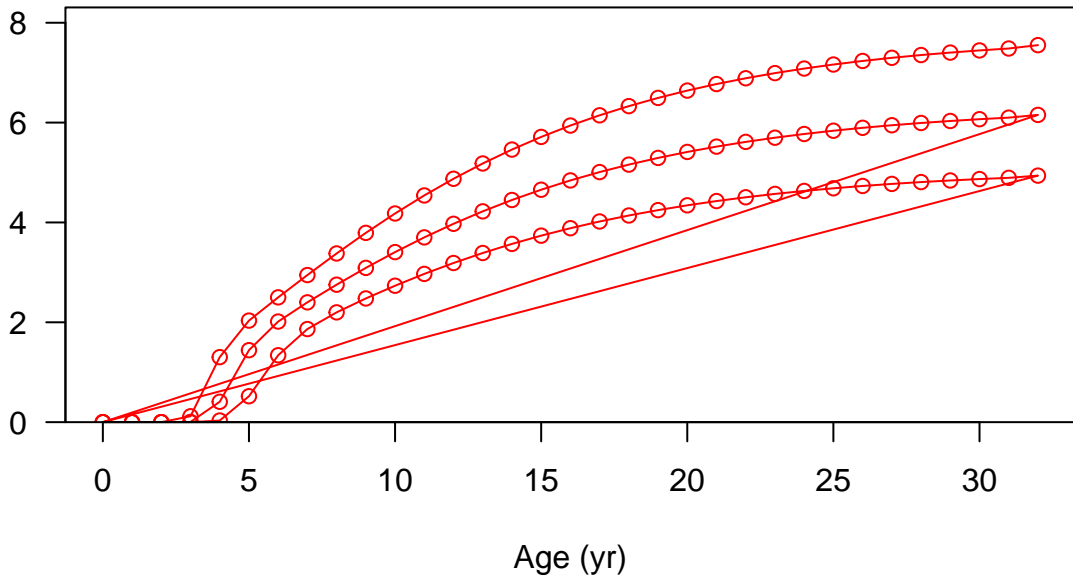


Spawning output

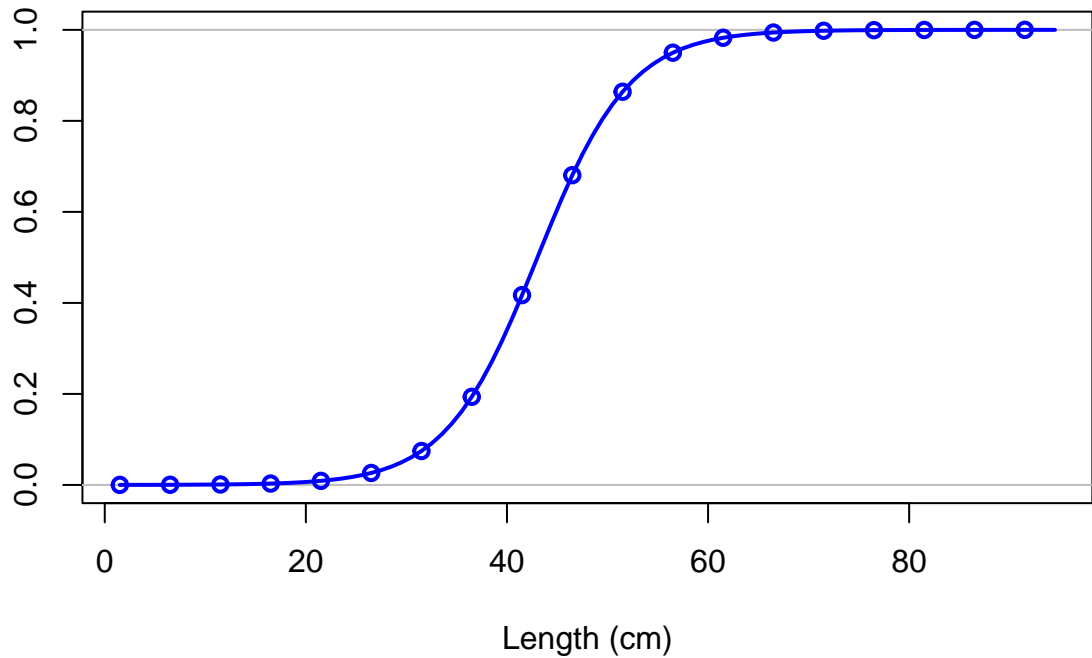




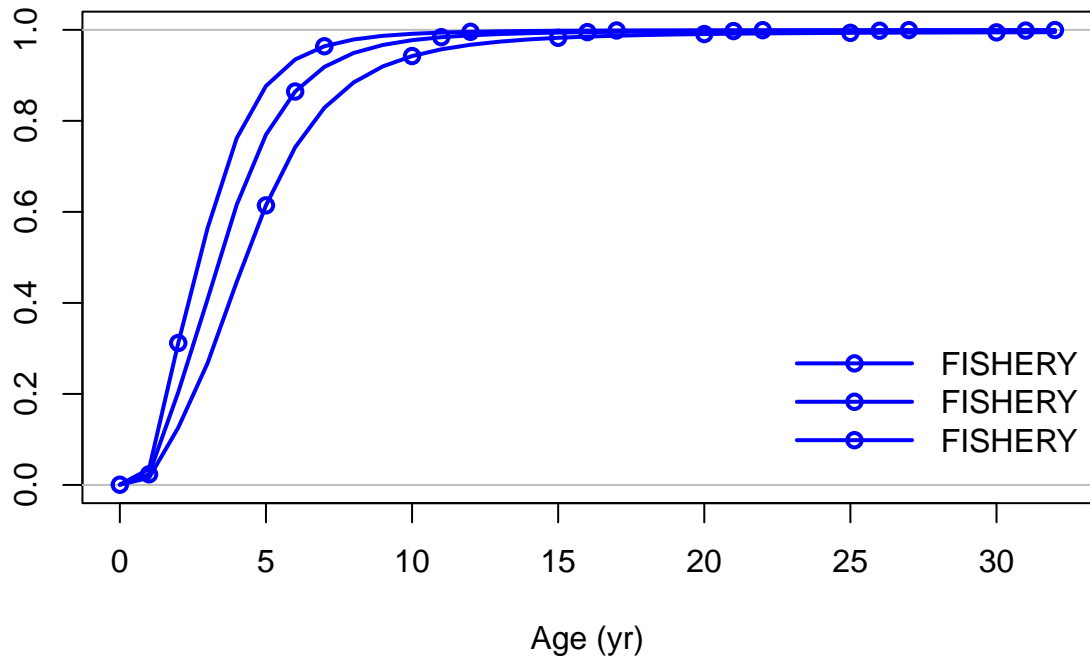
Spawning output



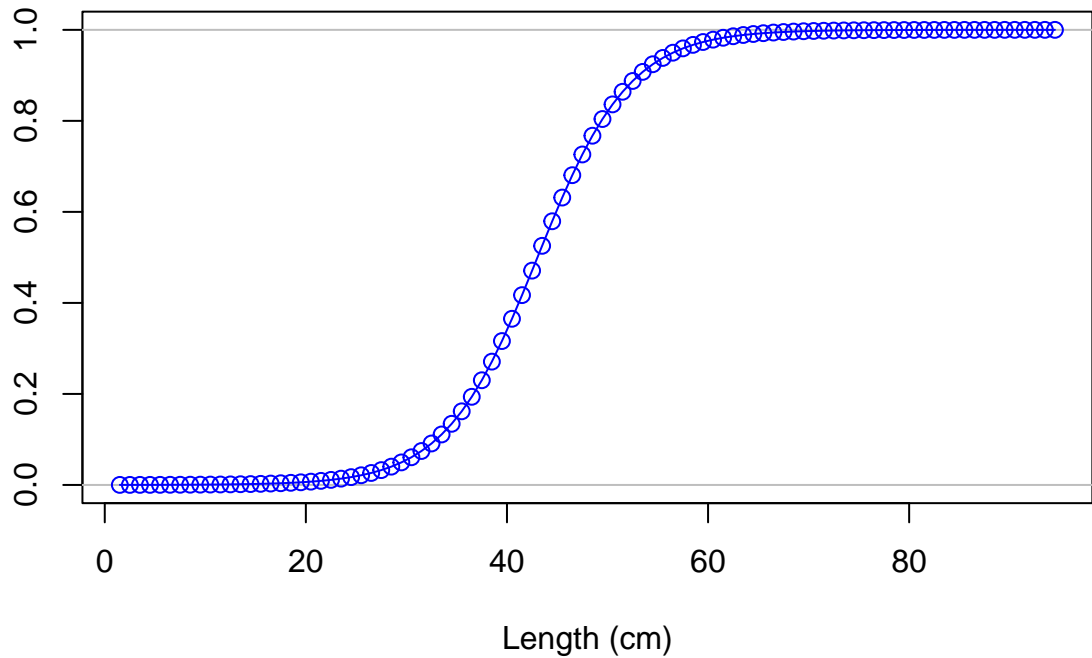
Selectivity

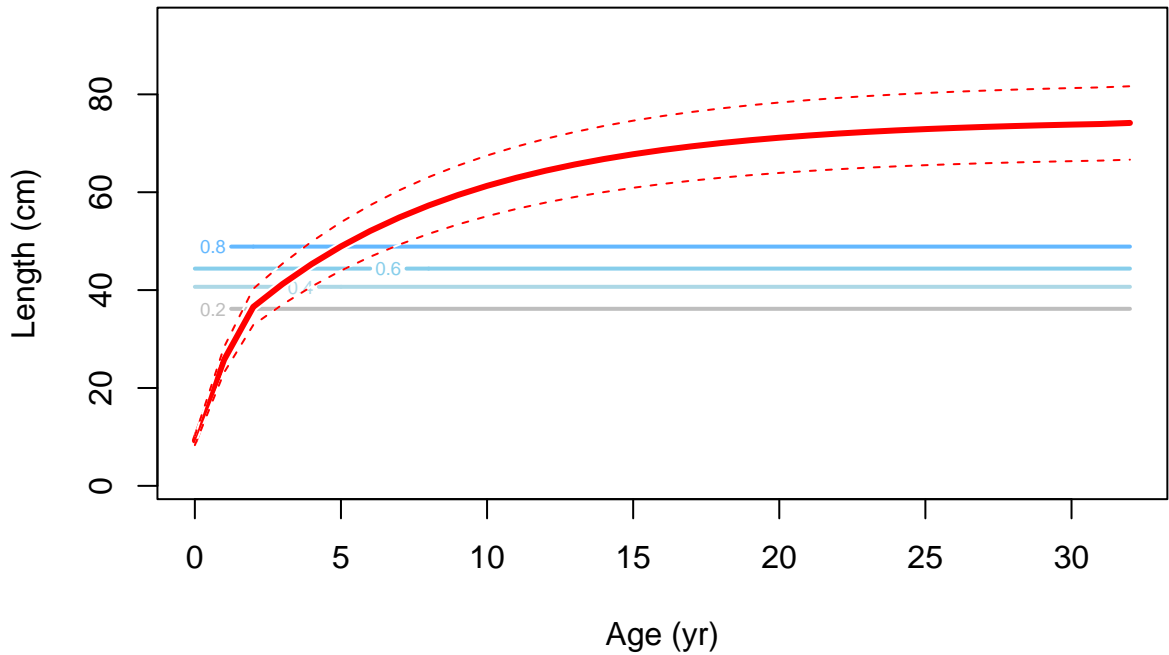


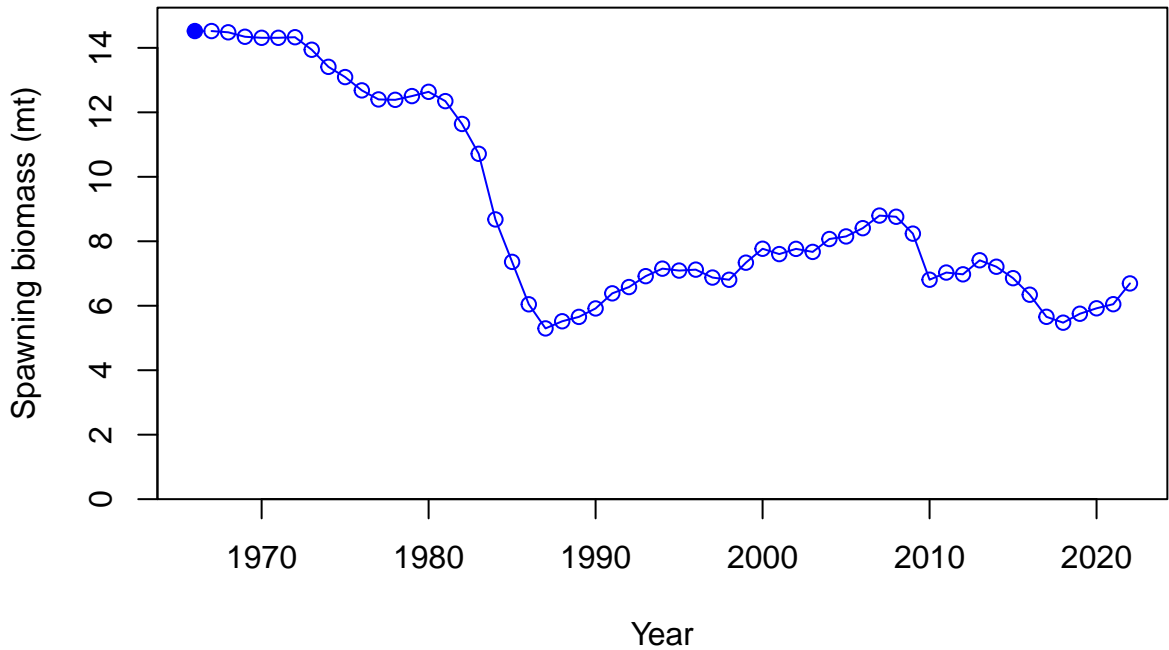
Selectivity



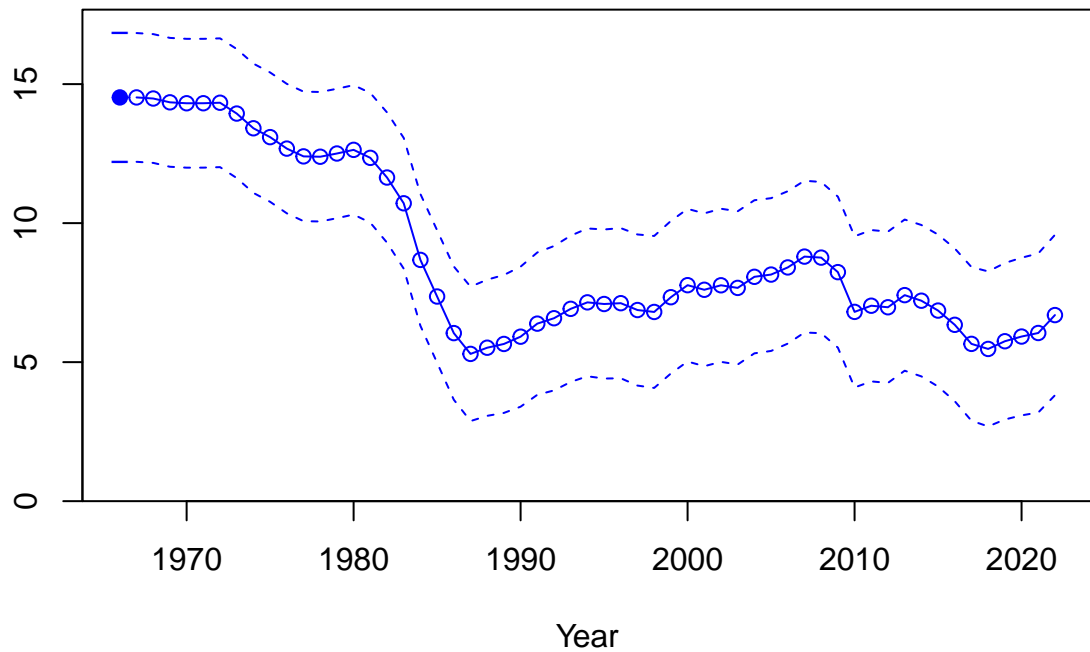
Selectivity



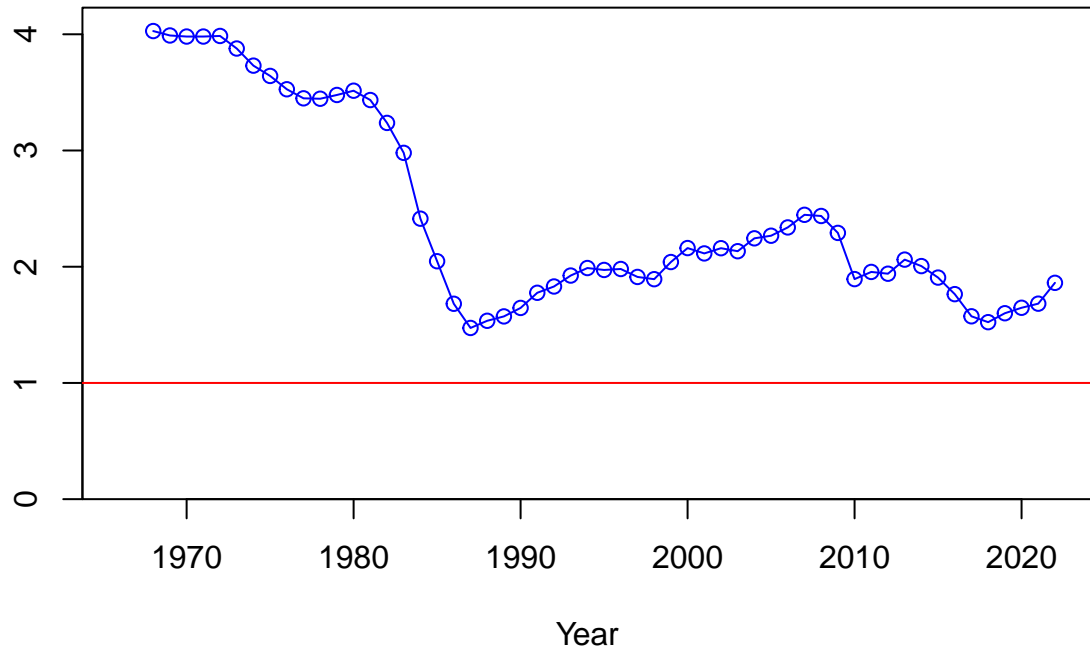




Spawning biomass (mt)

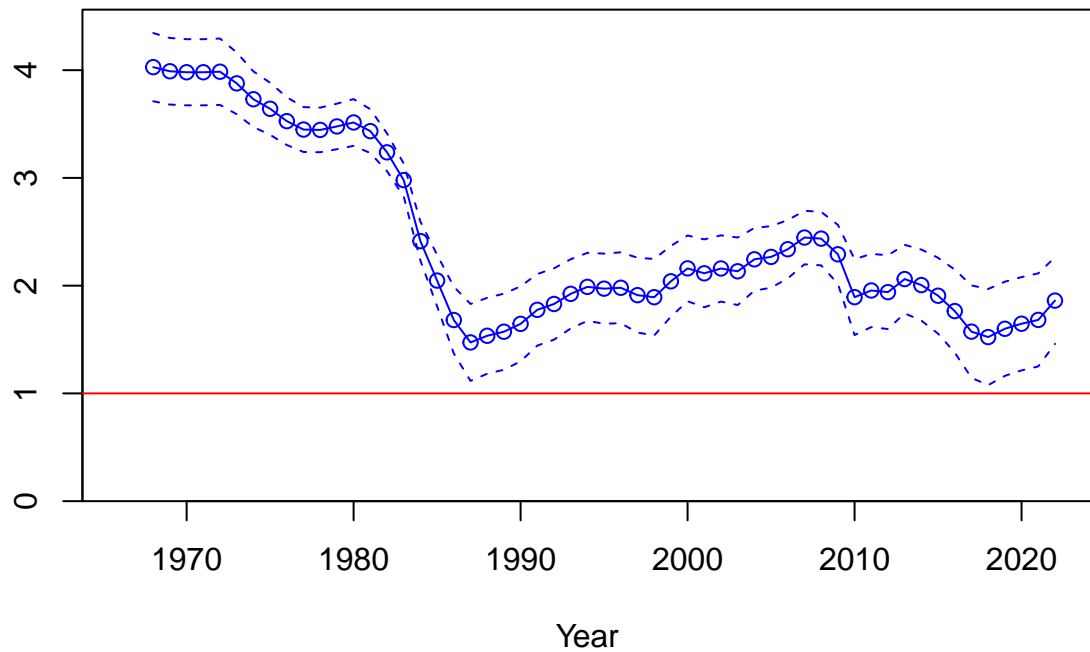


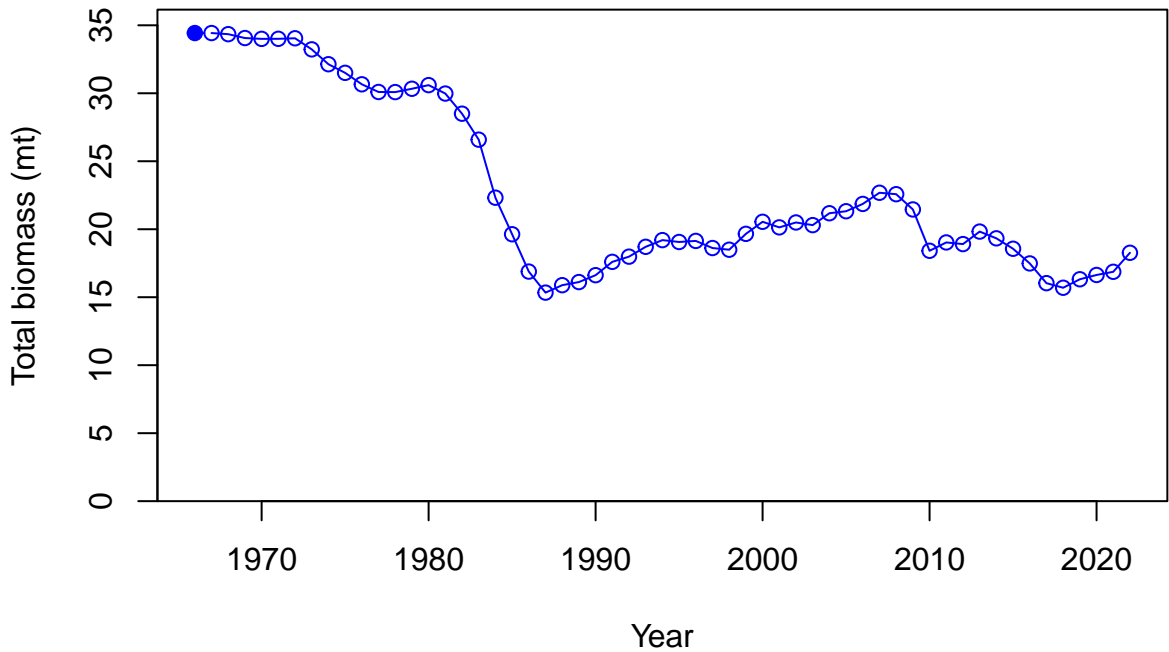
Relative spawning biomass:  $B/B_{MSY}$

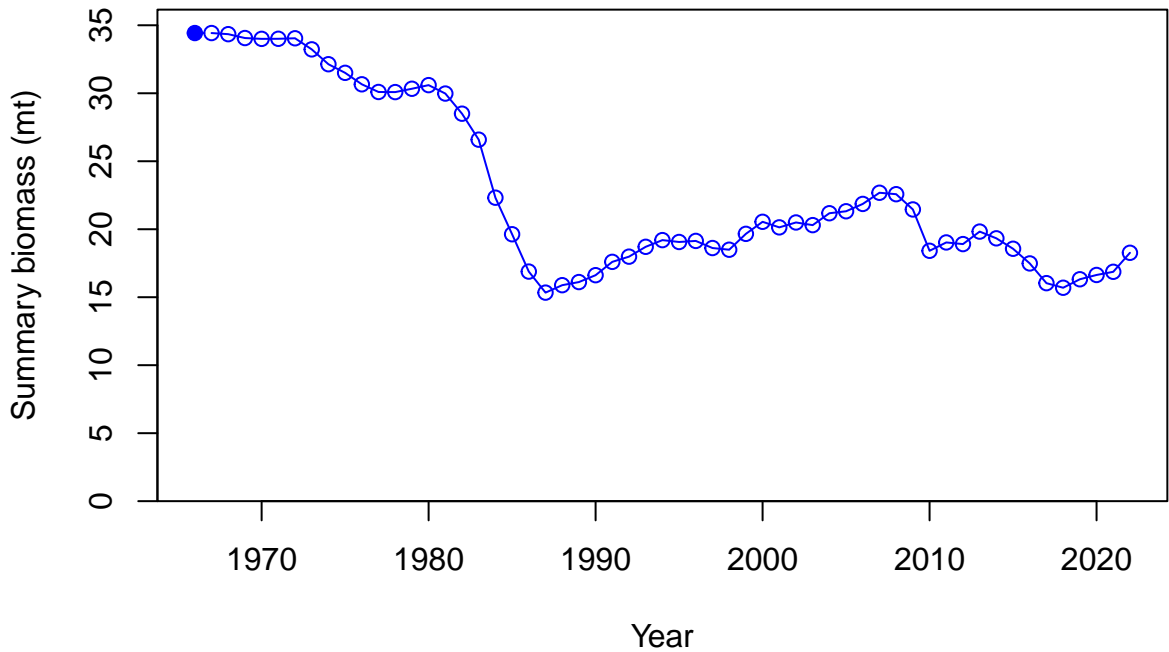




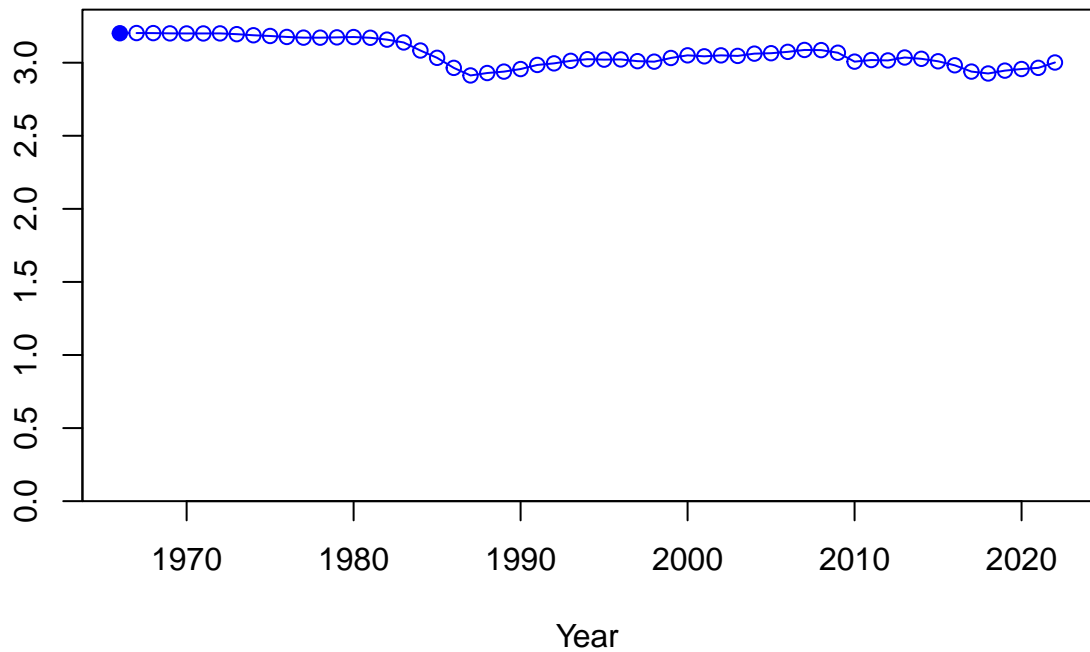
Relative spawning biomass:  $B/B_{MSY}$



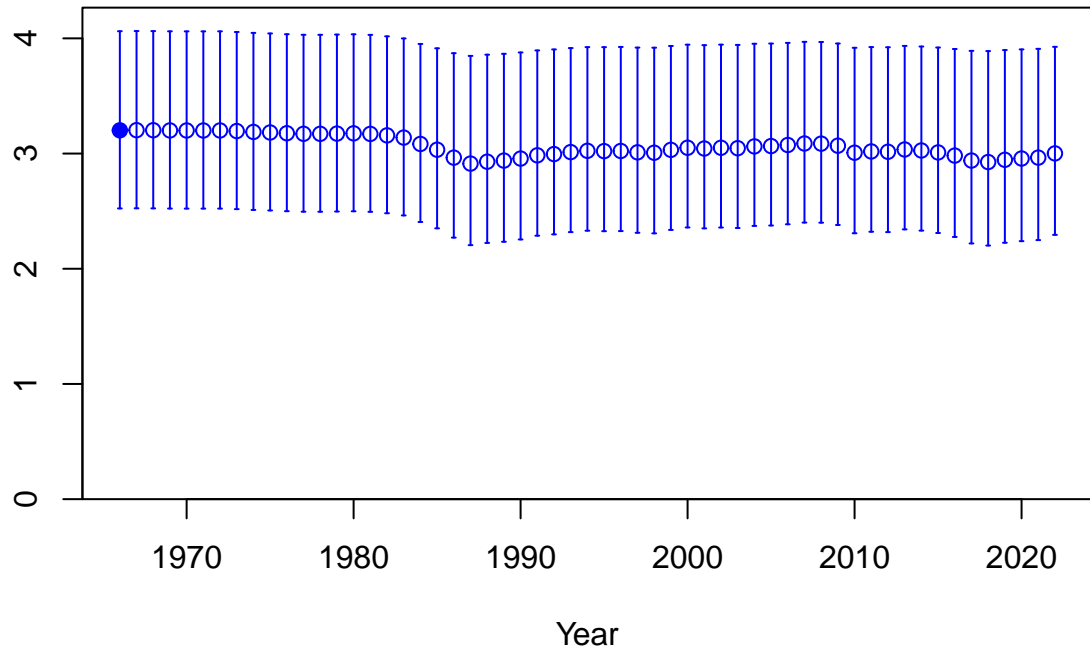




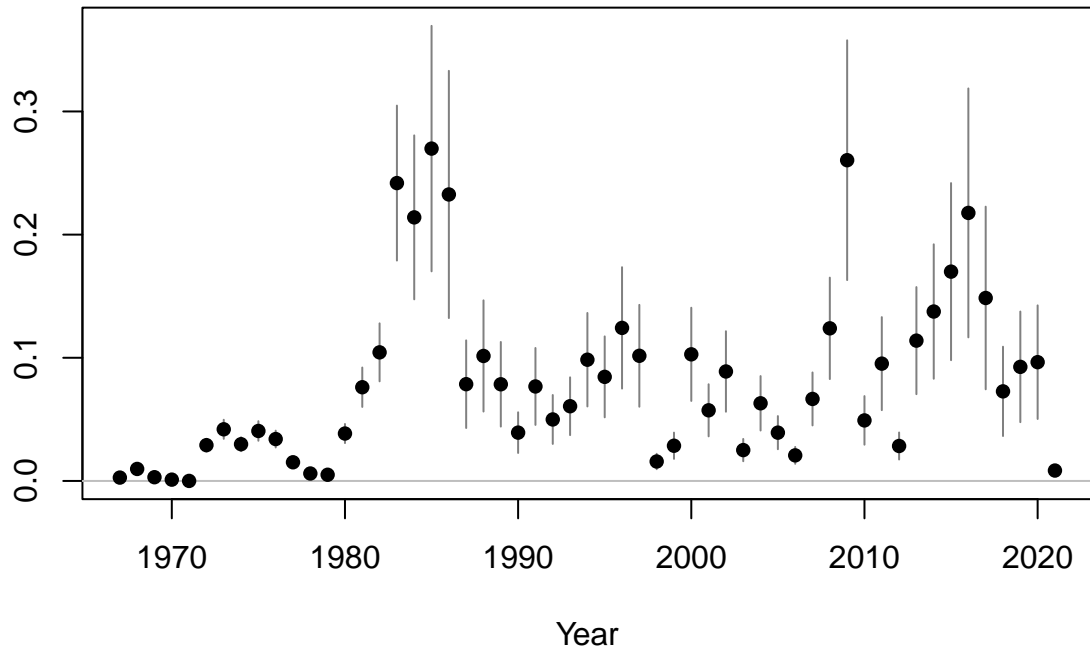
Age-0 recruits (1,000s)

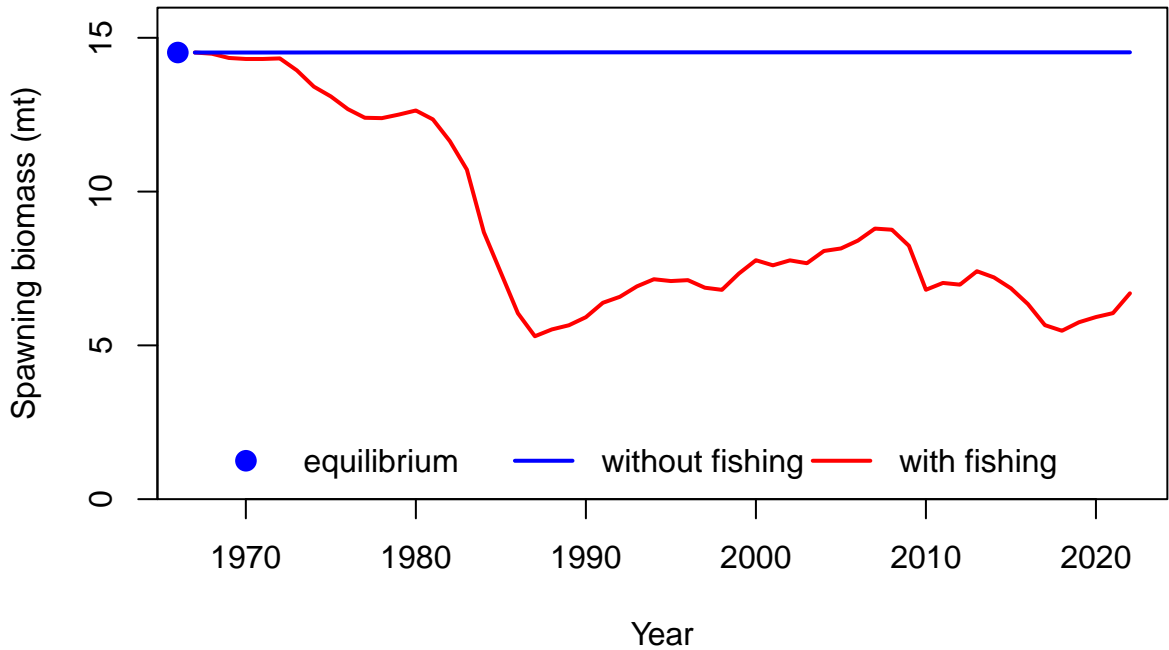


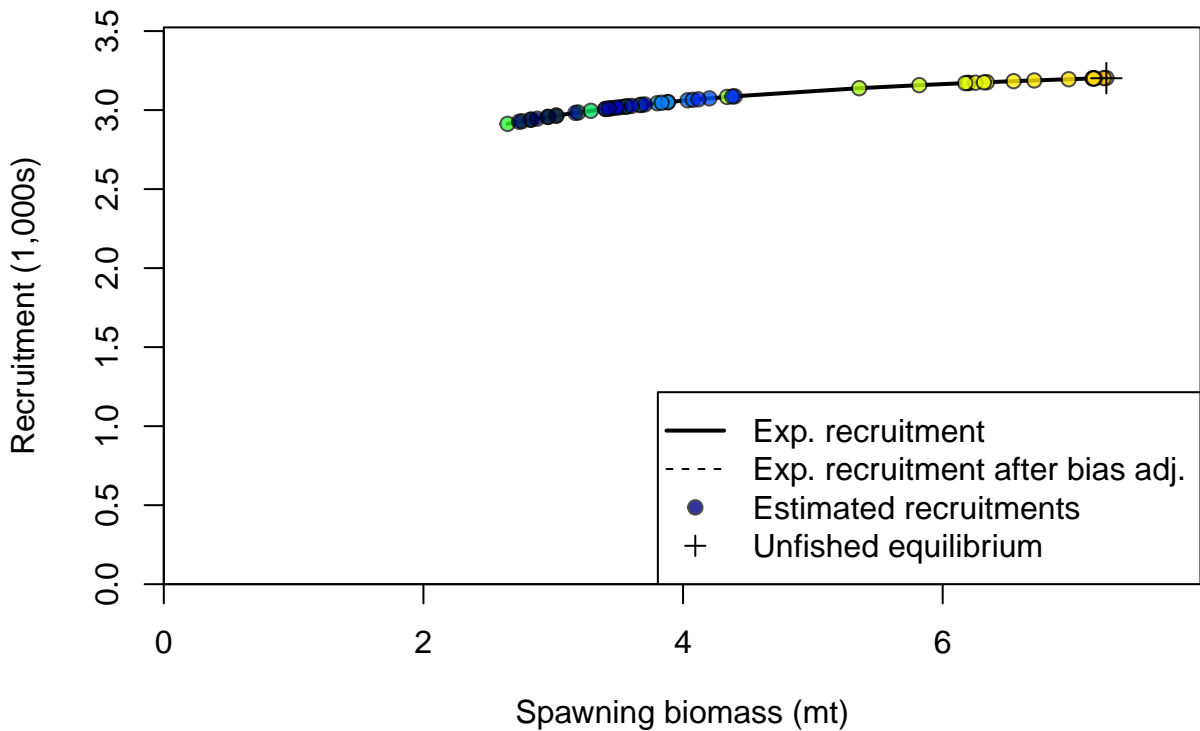
Age-0 recruits (1,000s)



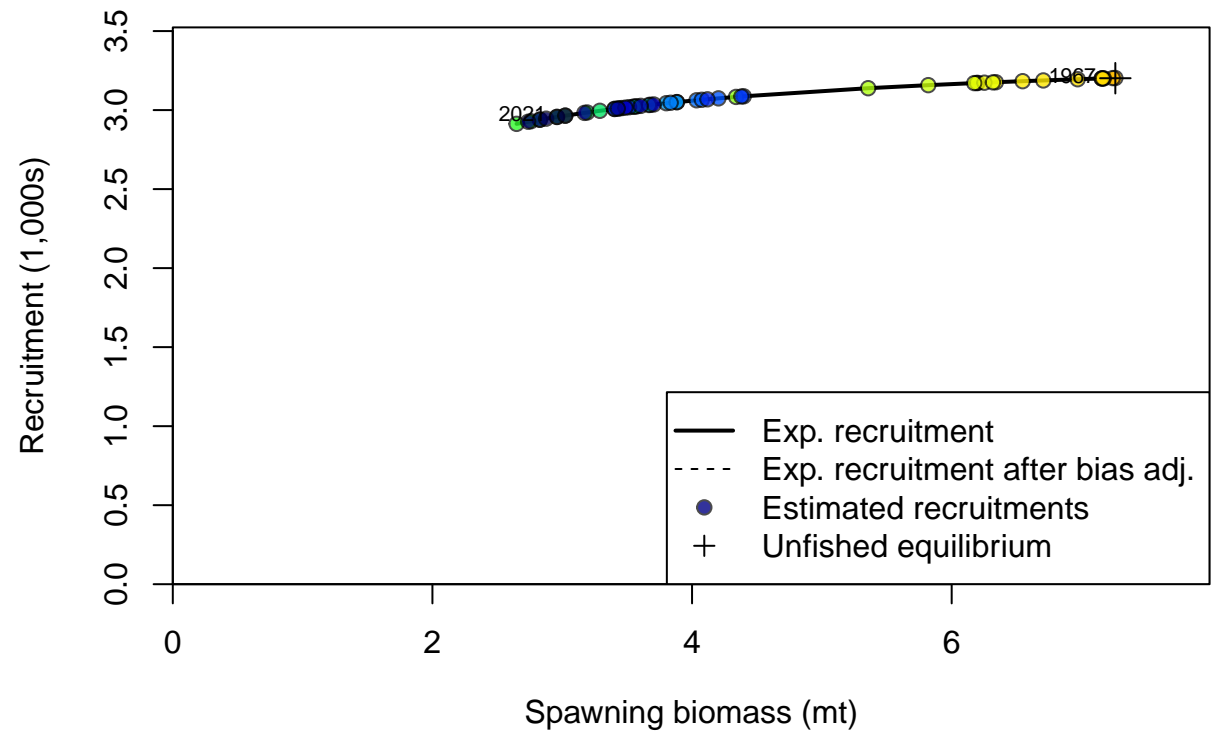
Summary Fishing Mortality

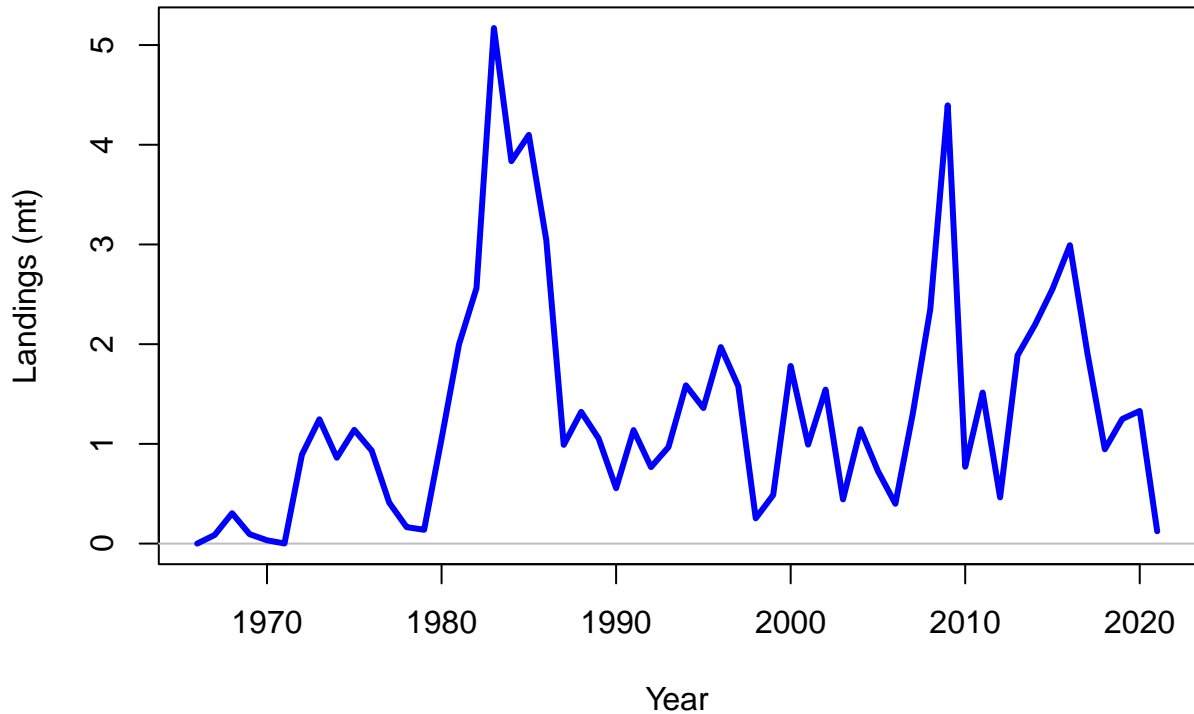






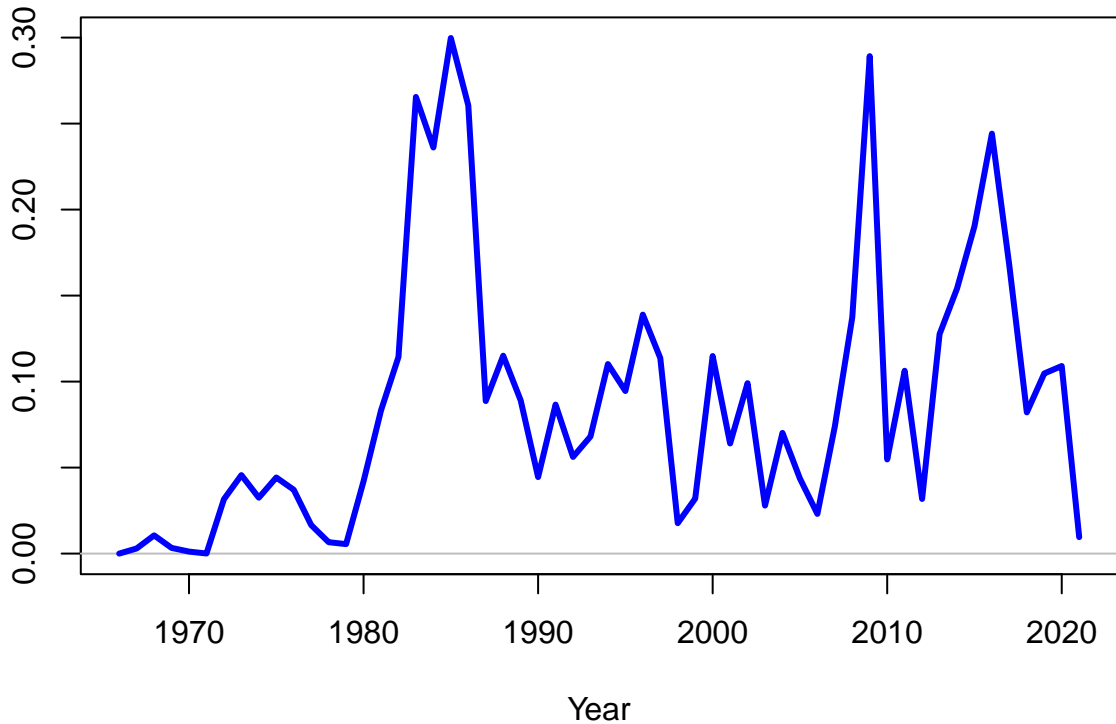




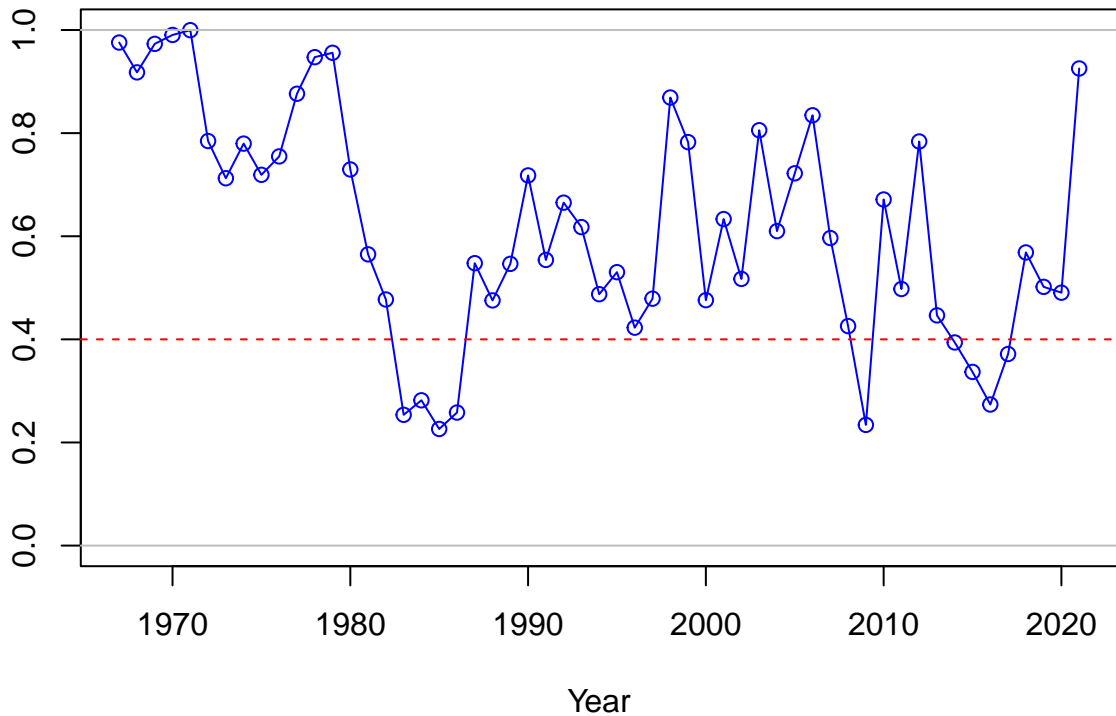




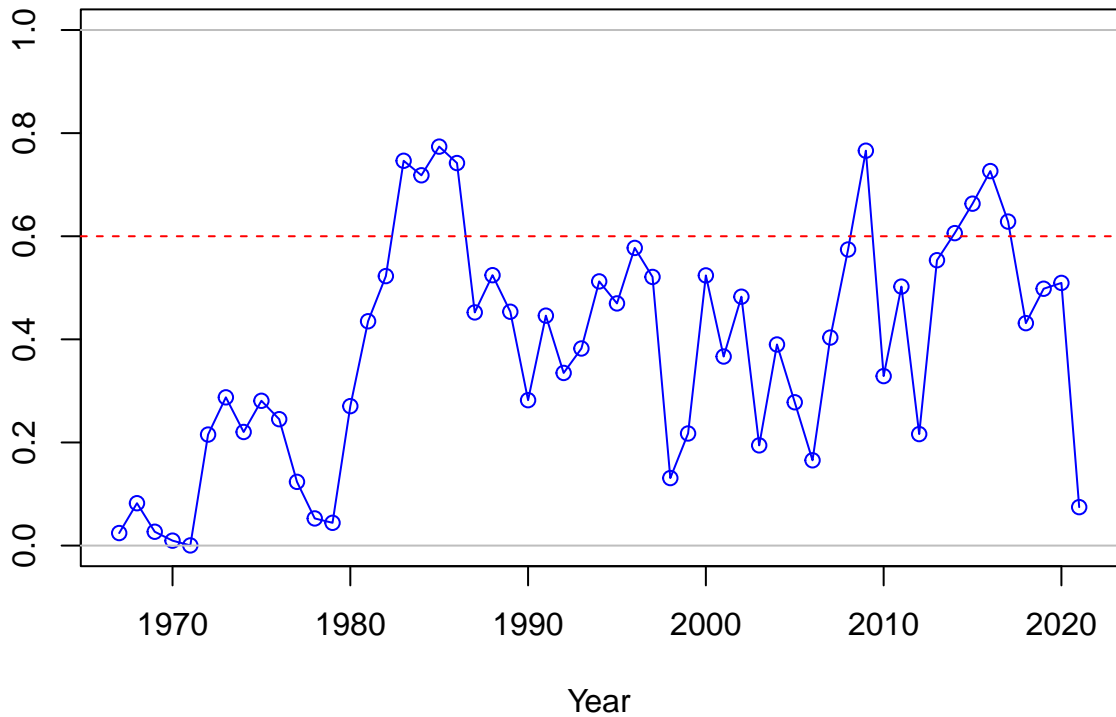
Continuous F



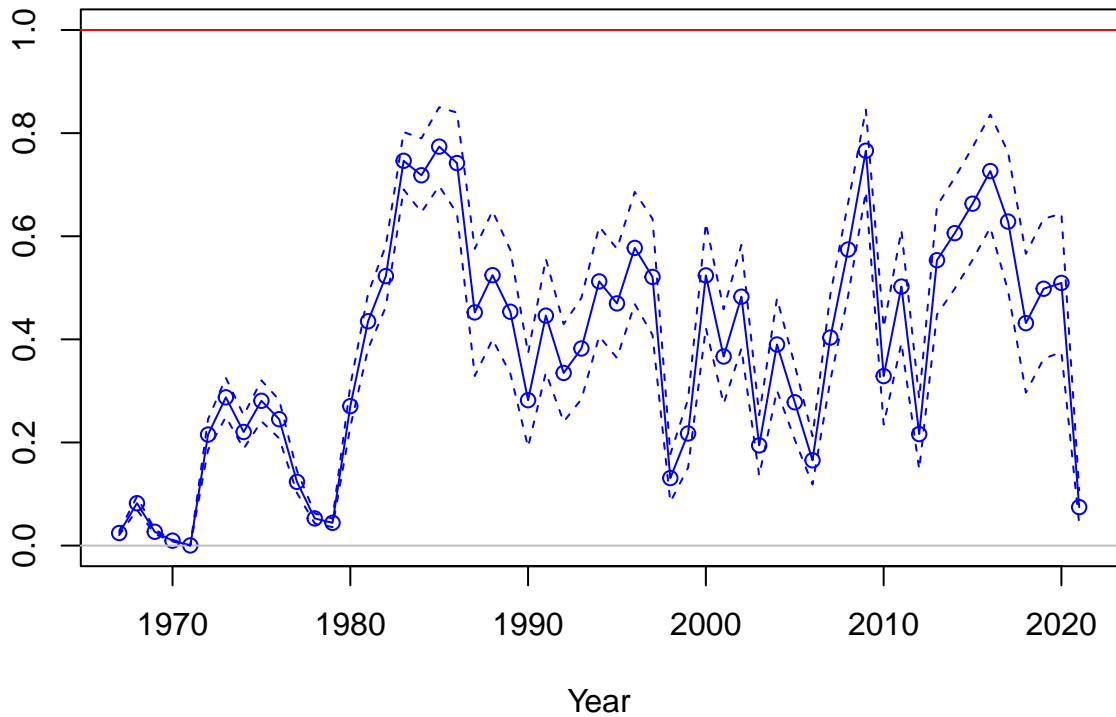
SPR



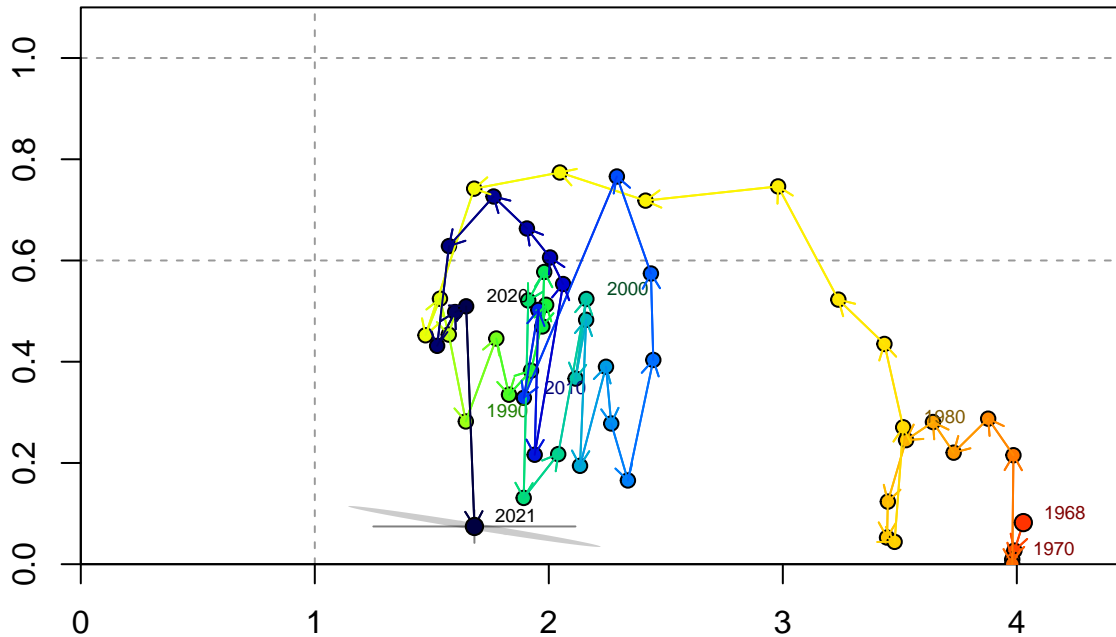
1-SPR



Fishing intensity: 1-SPR

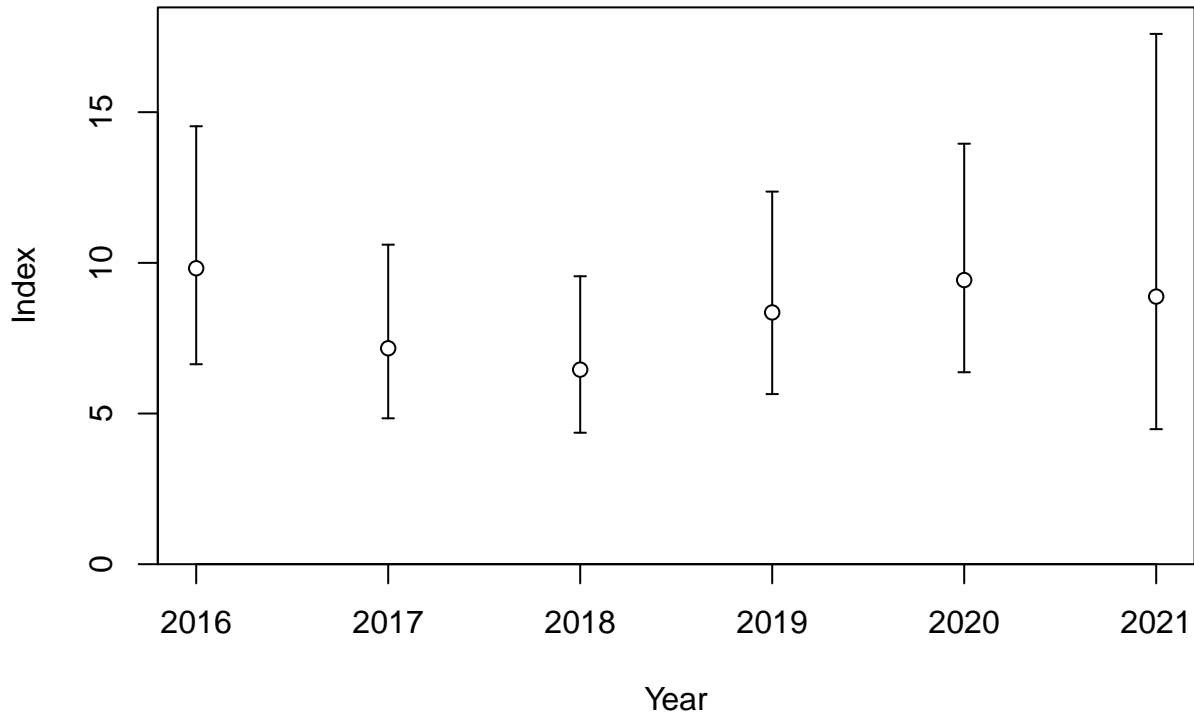


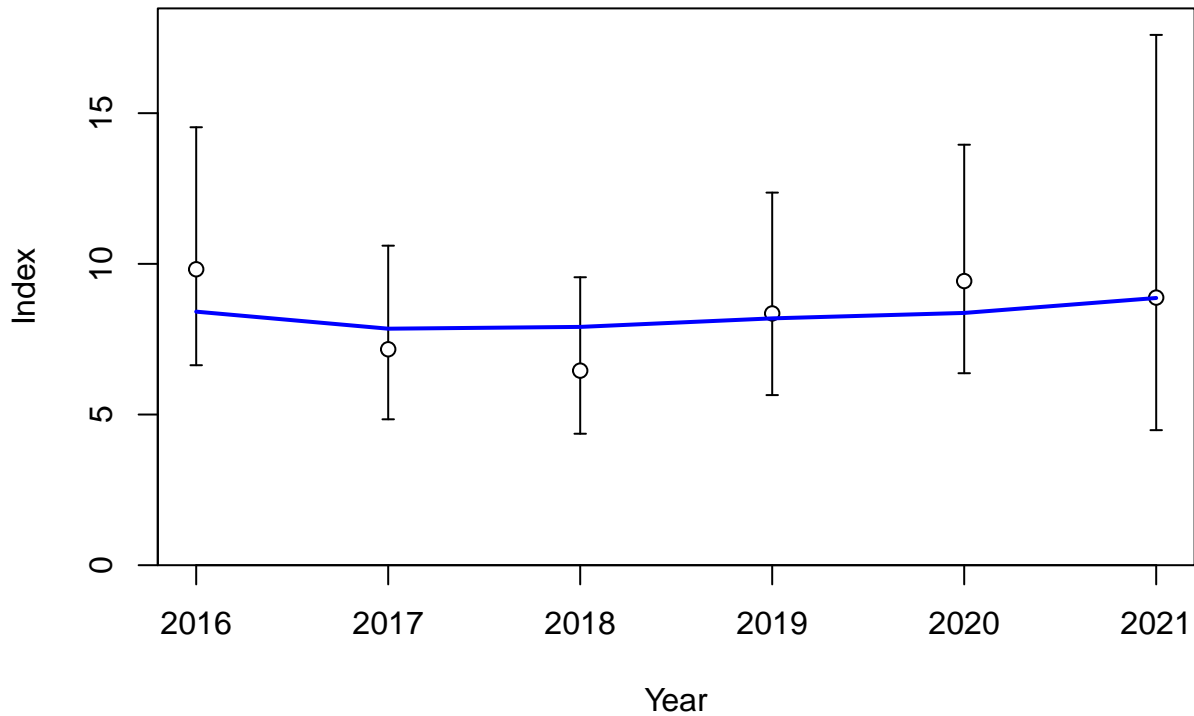
Fishing intensity: 1-SPR

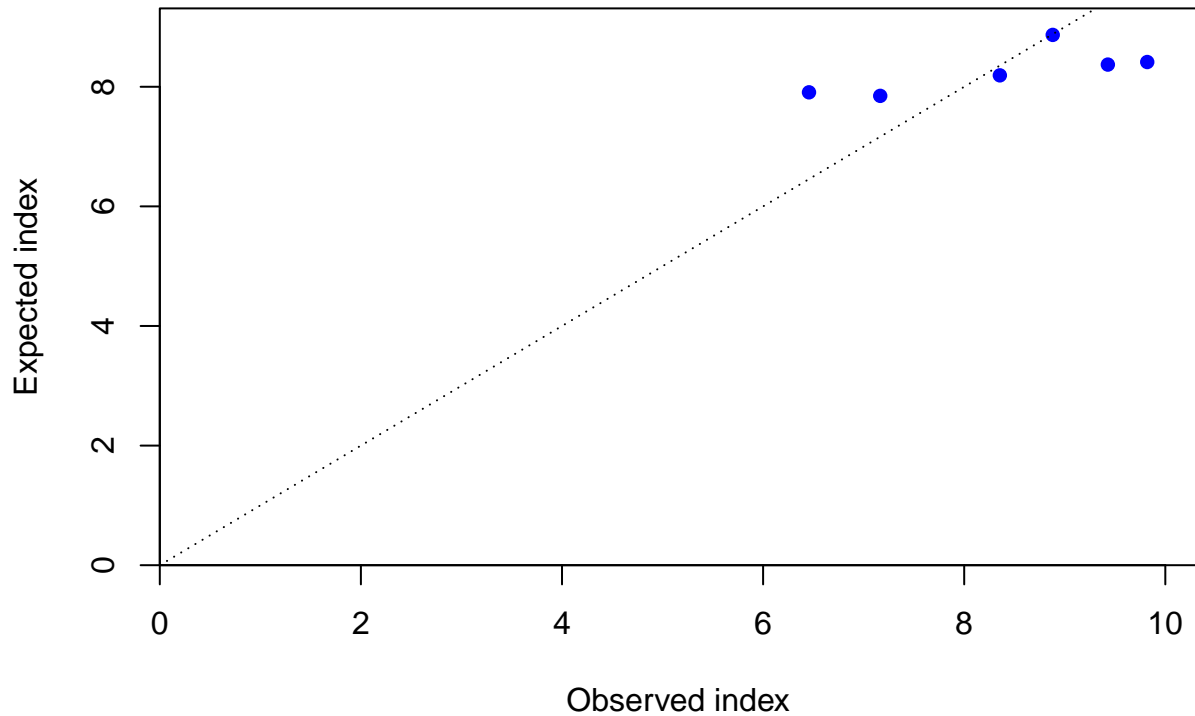


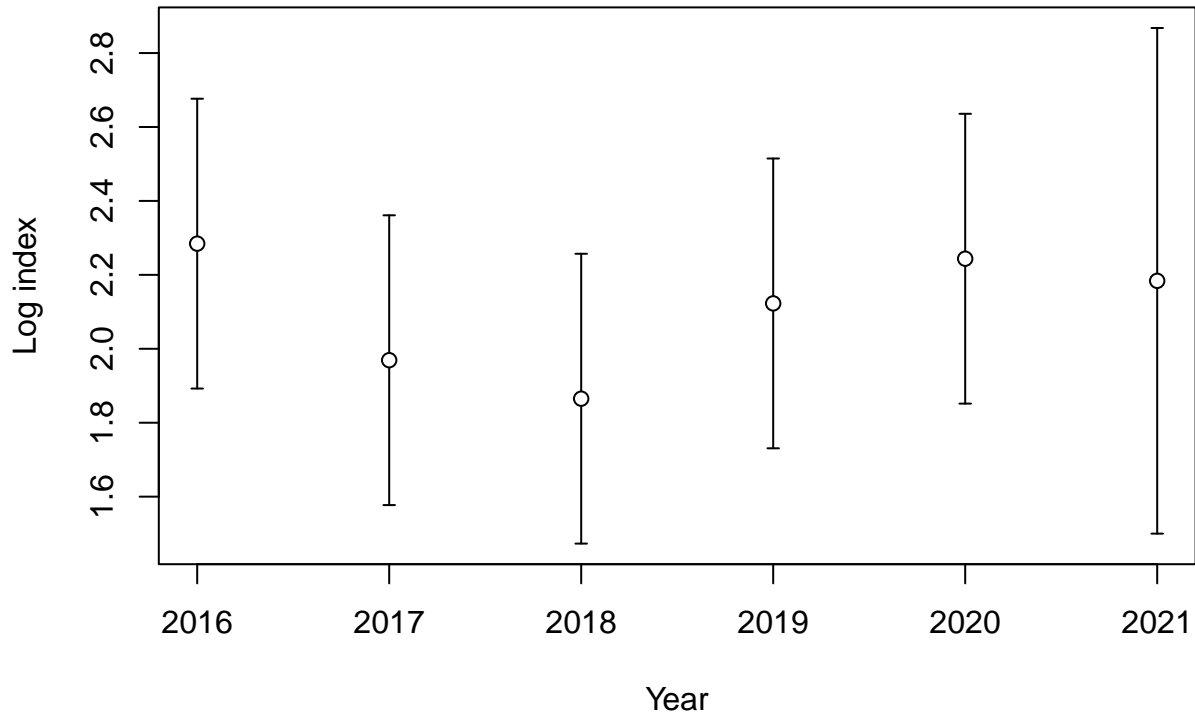
Relative spawning output:  $B/B_{MSY}$

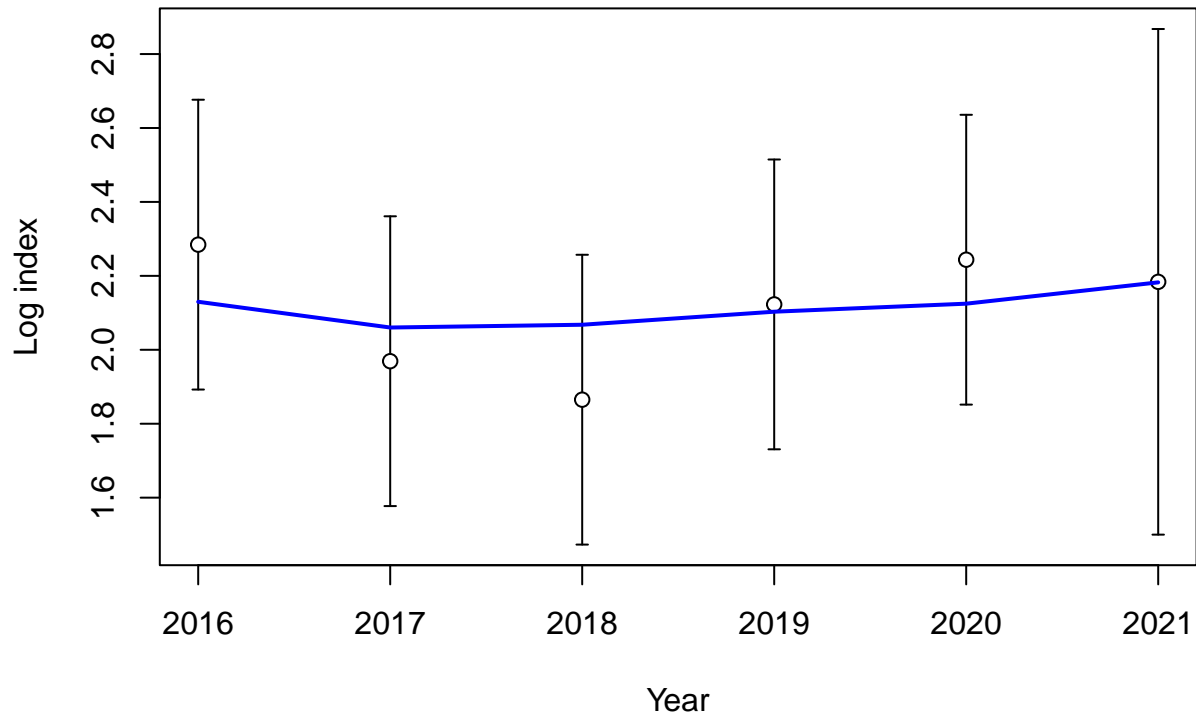


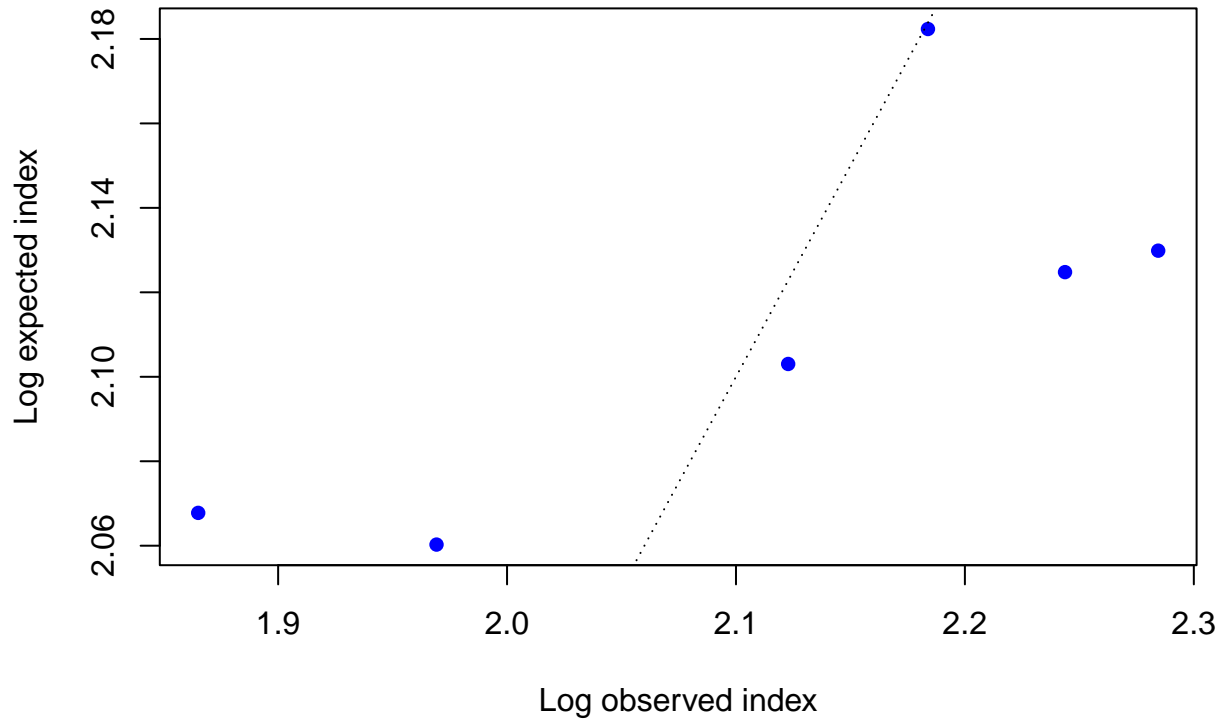




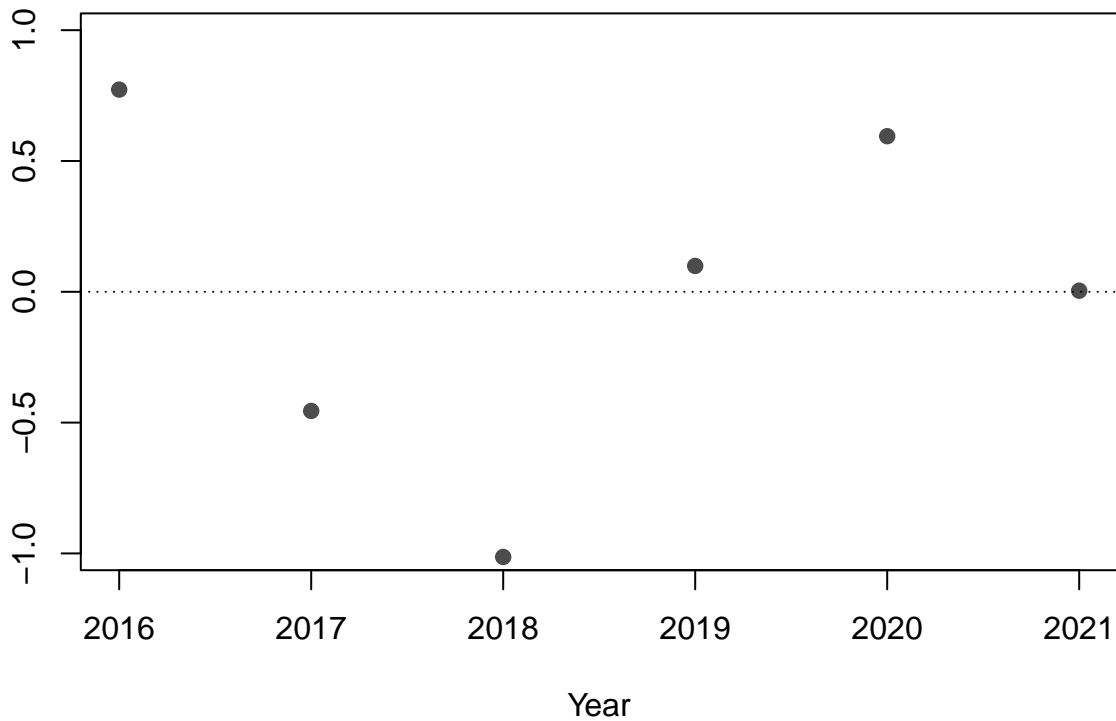




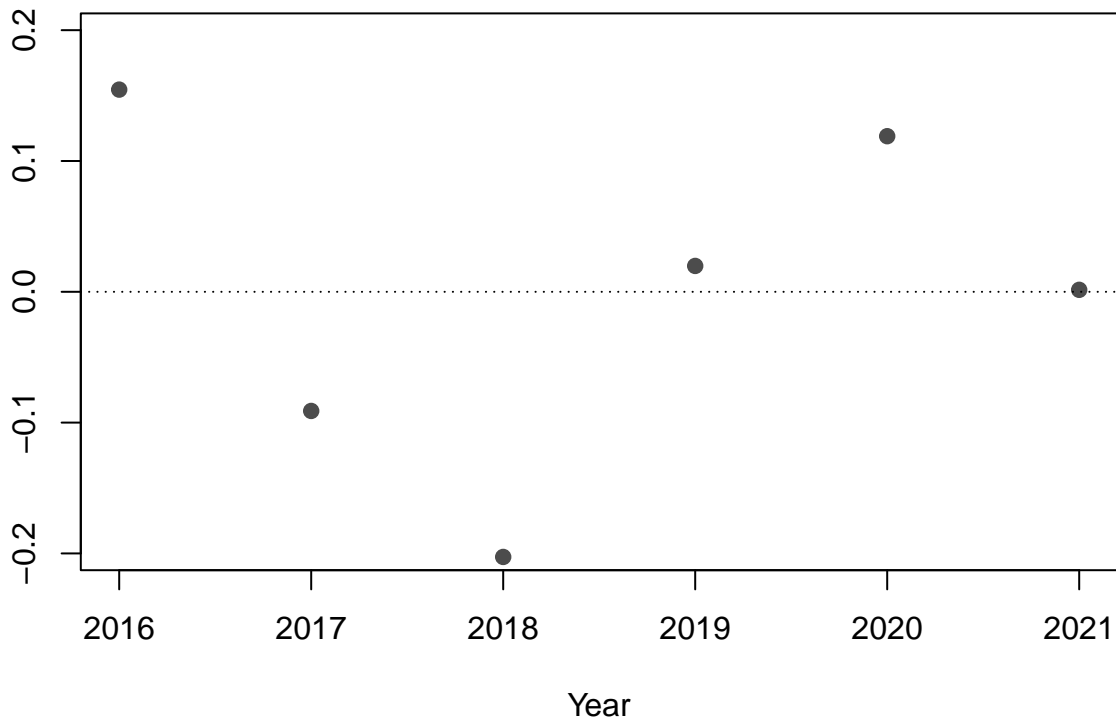




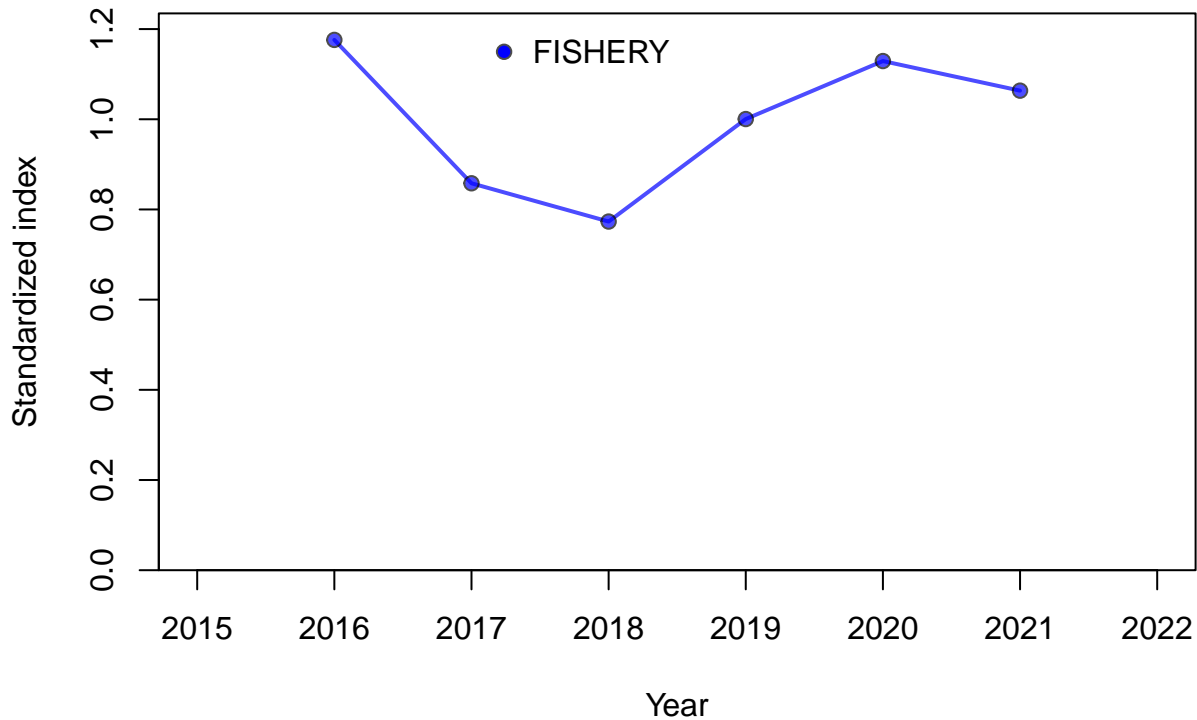
Residual

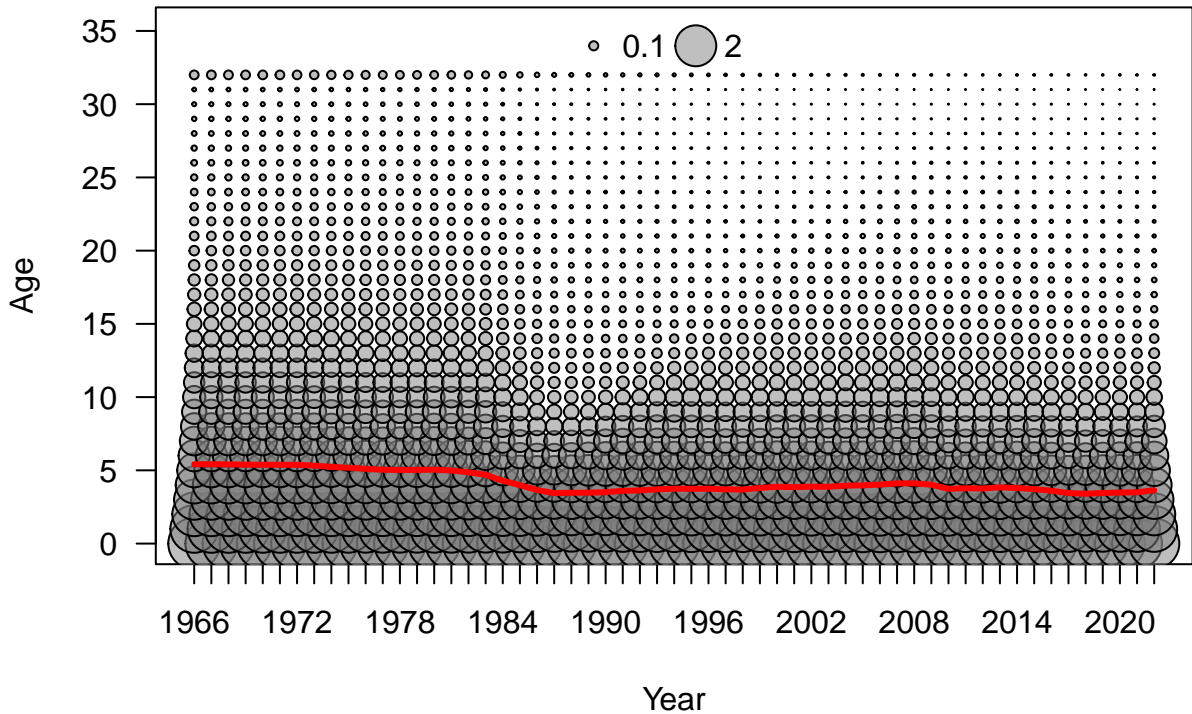


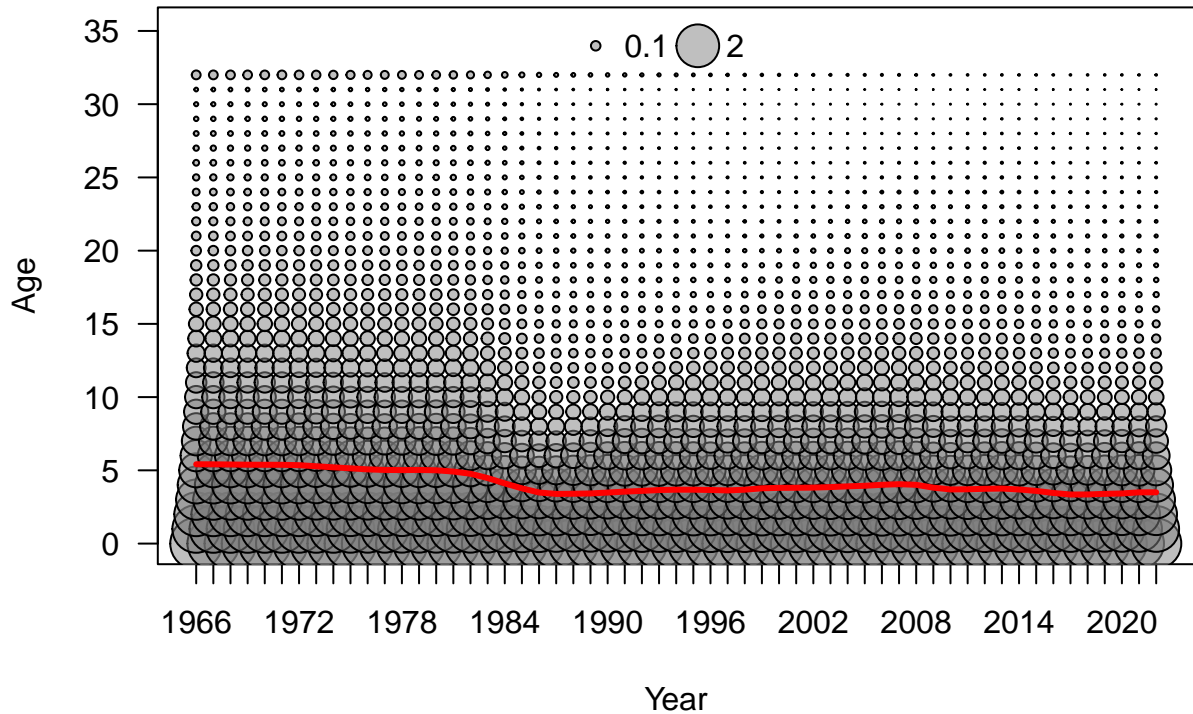
Deviation

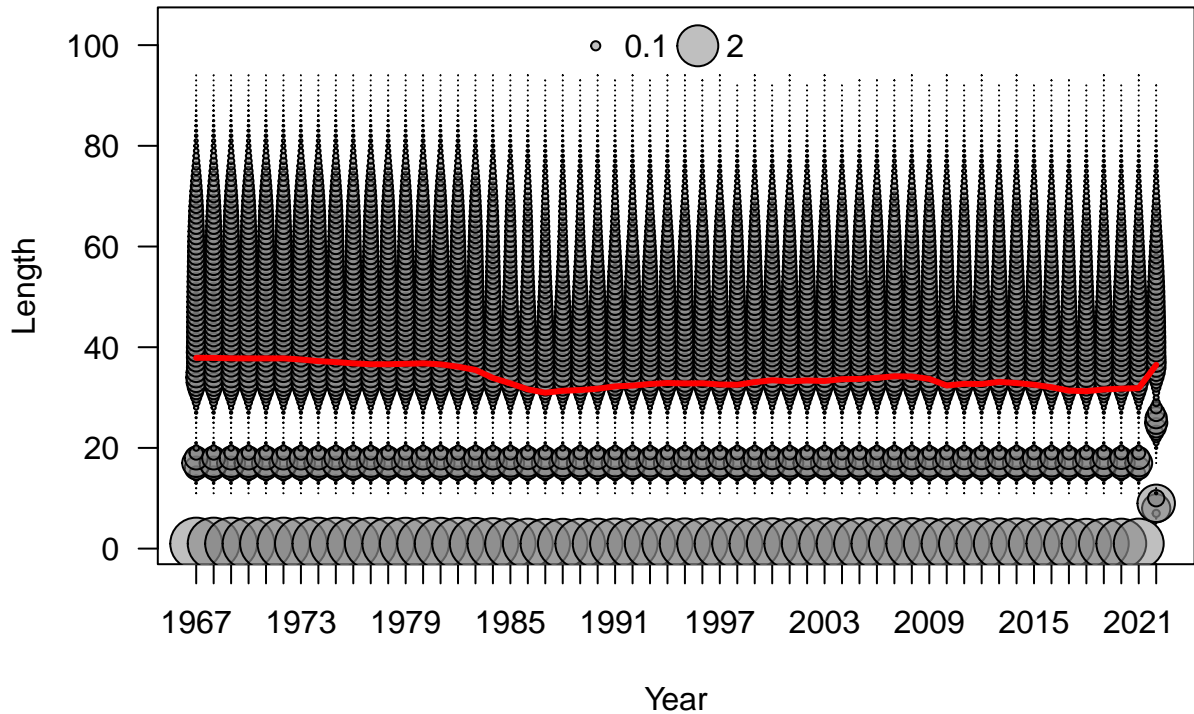


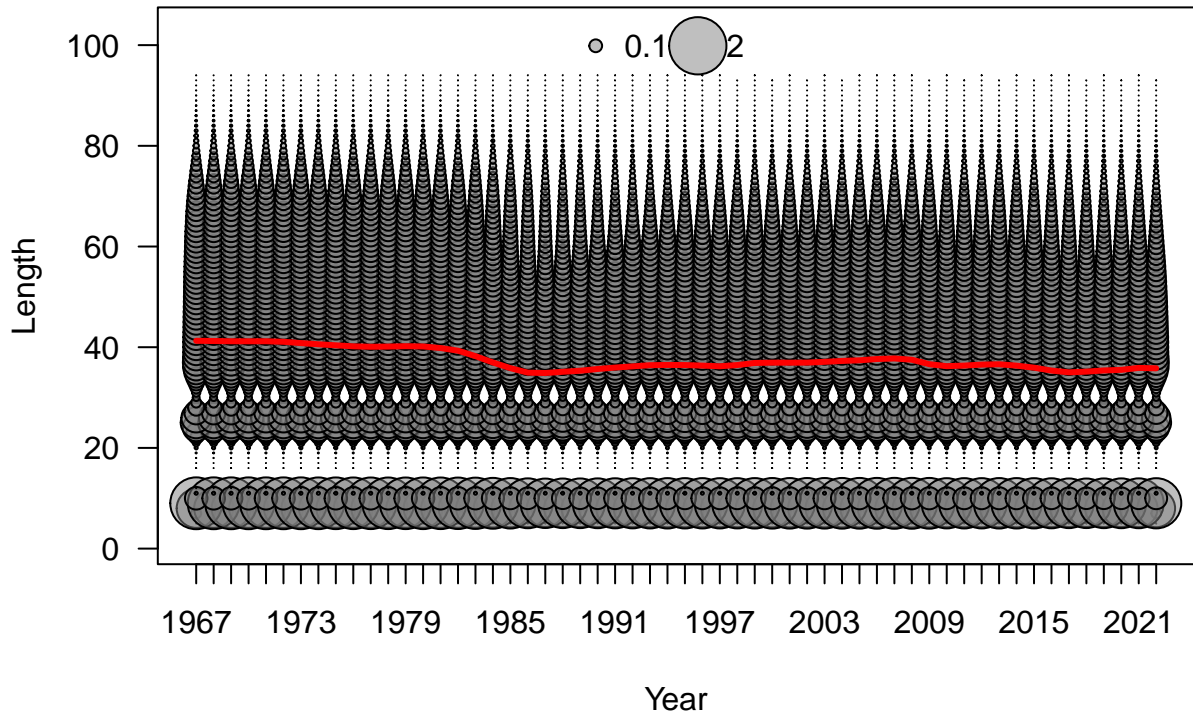


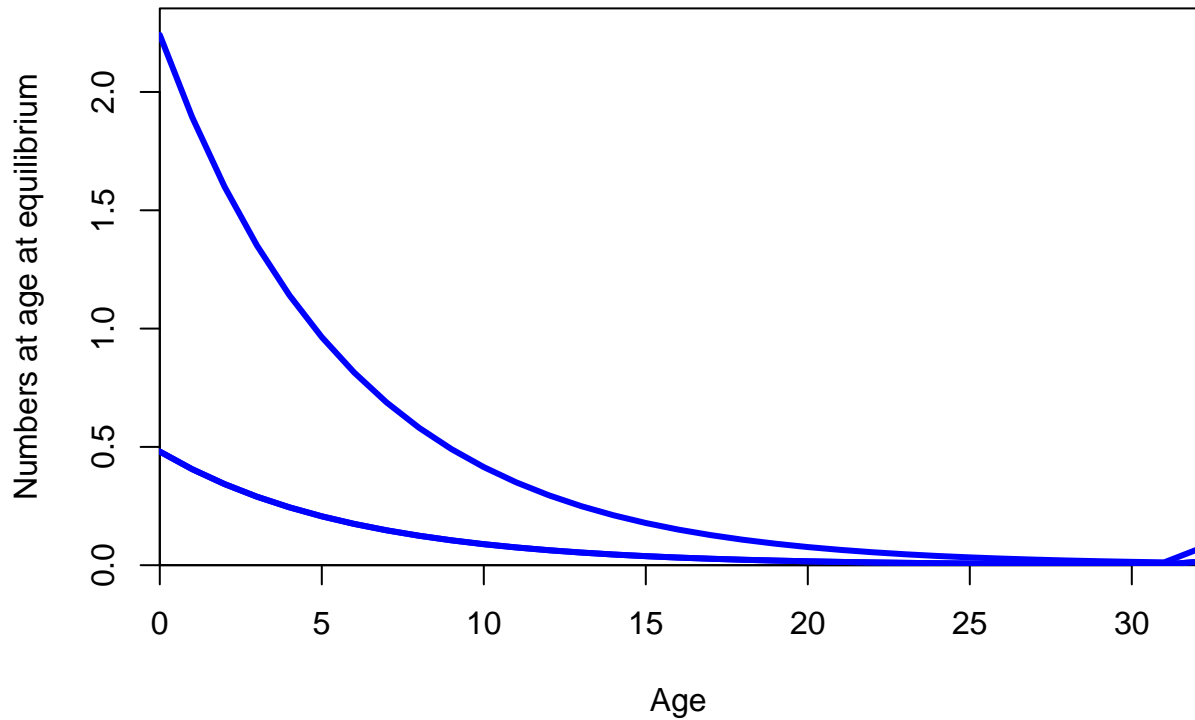






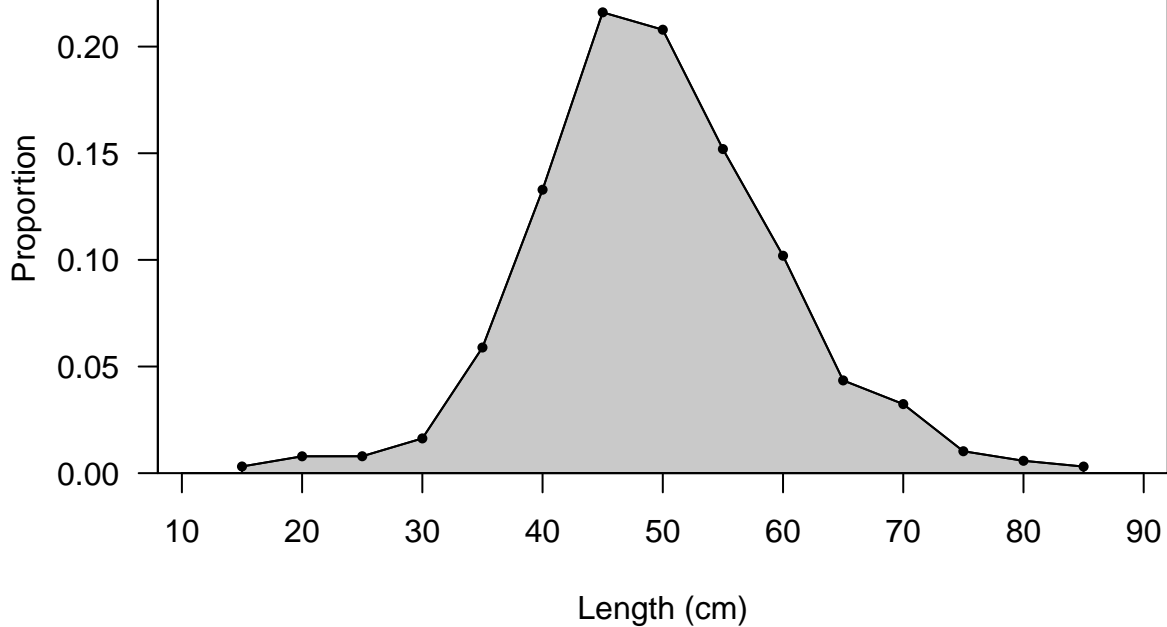


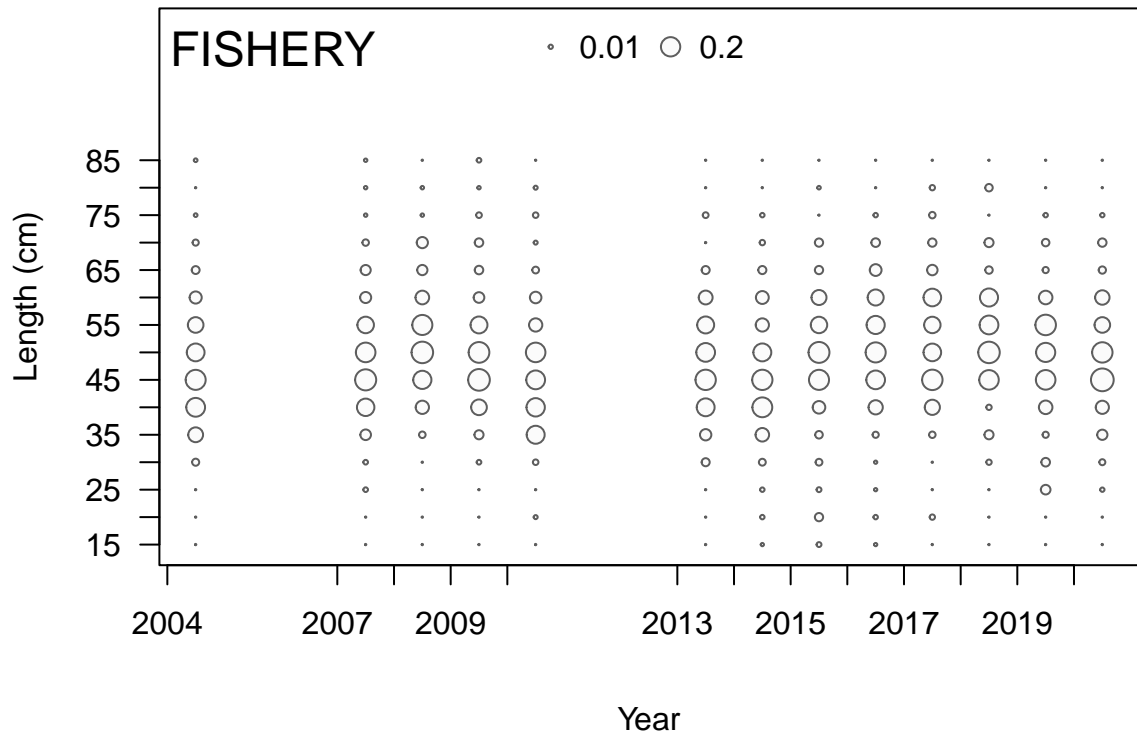




# FISHERY

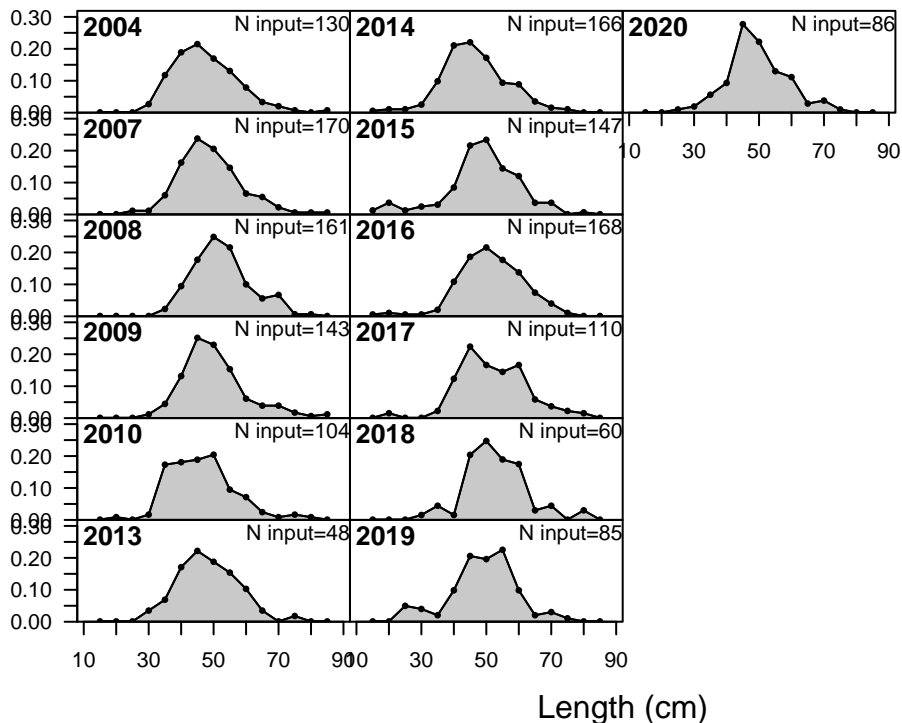
Sum of N input=1578

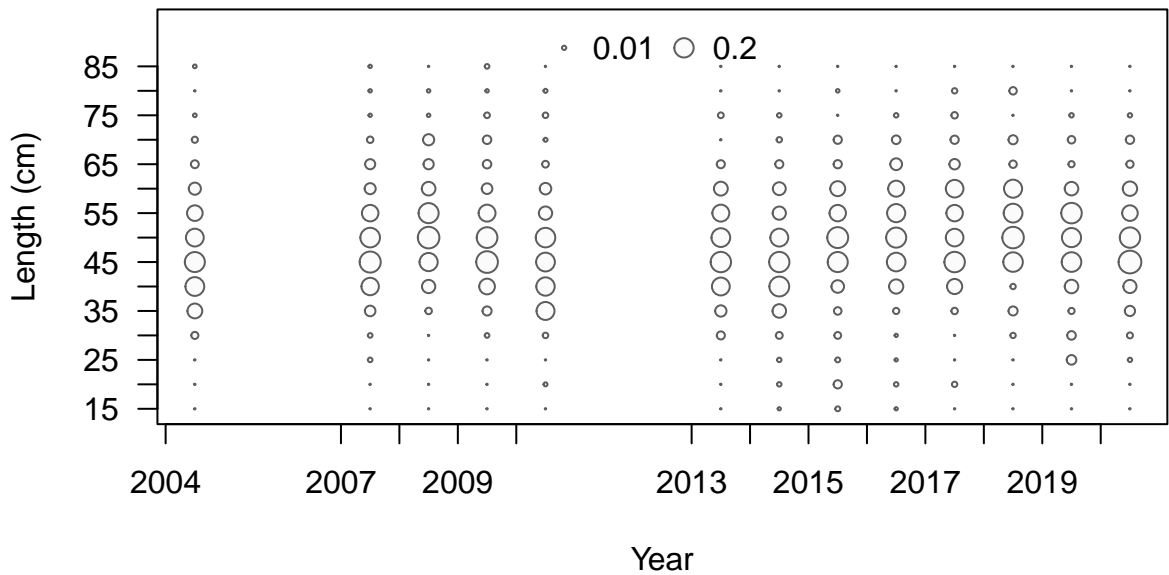






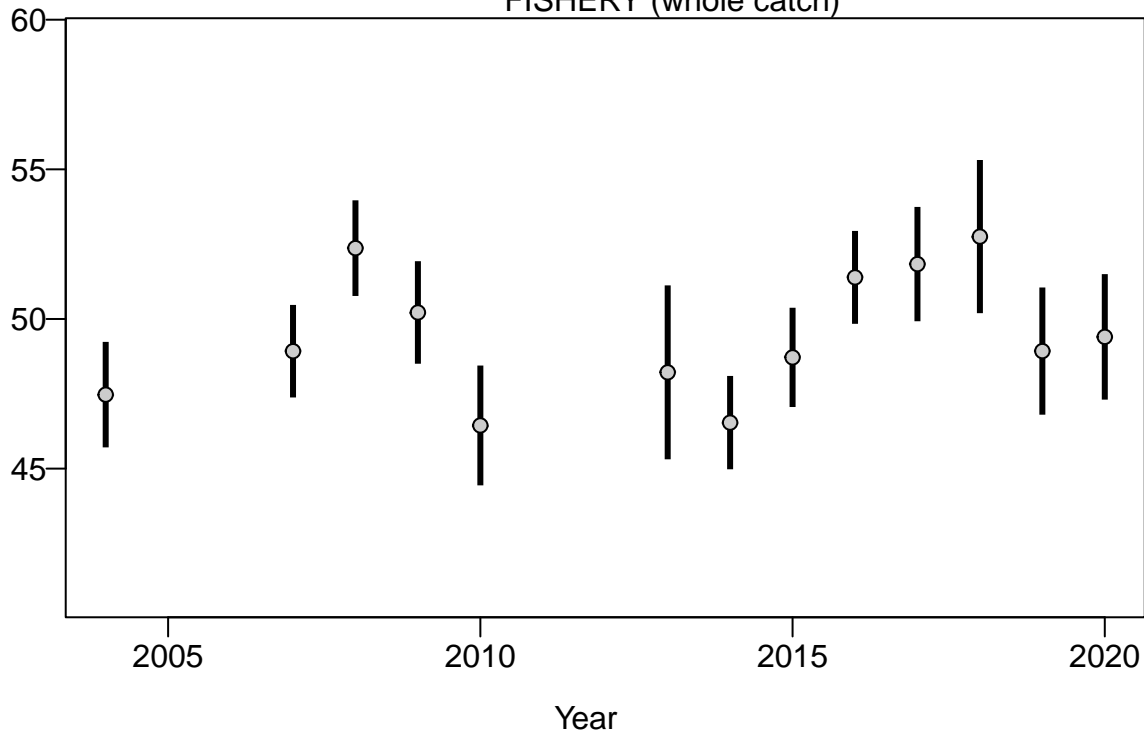
Proportion

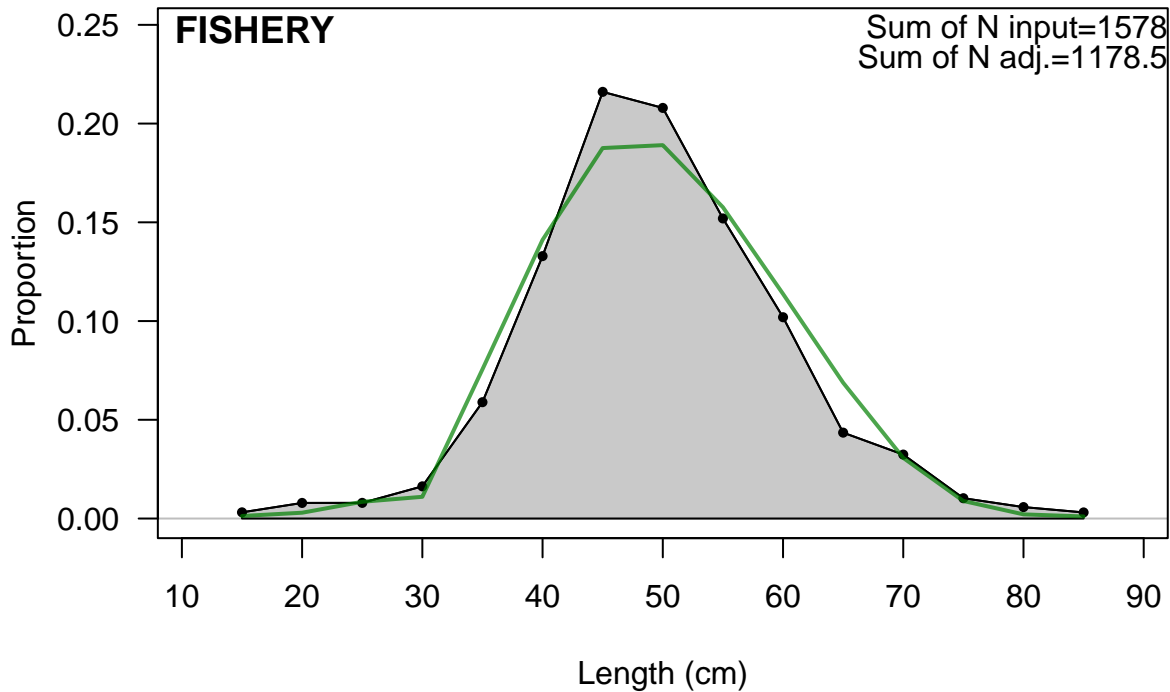


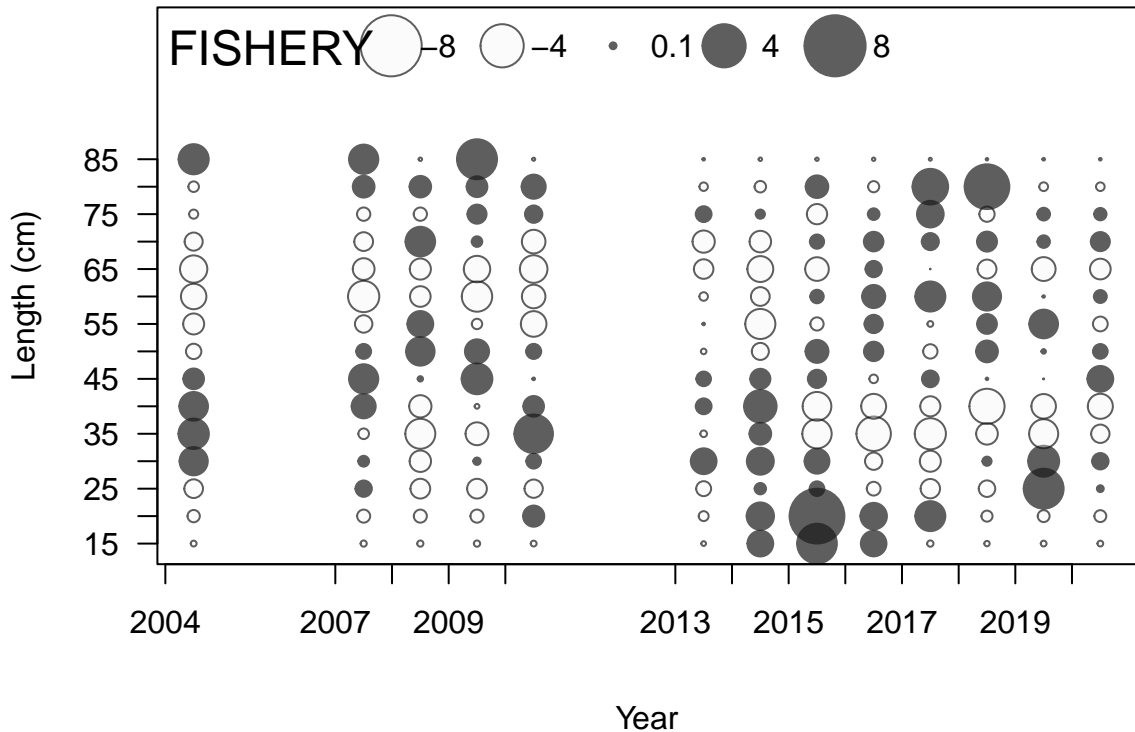


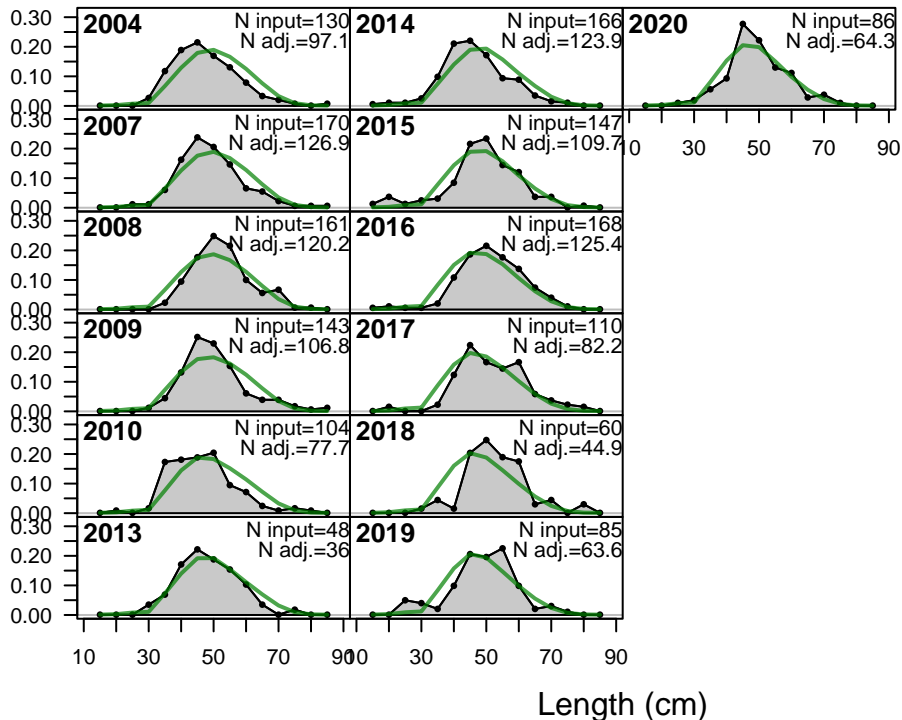
FISHERY (whole catch)

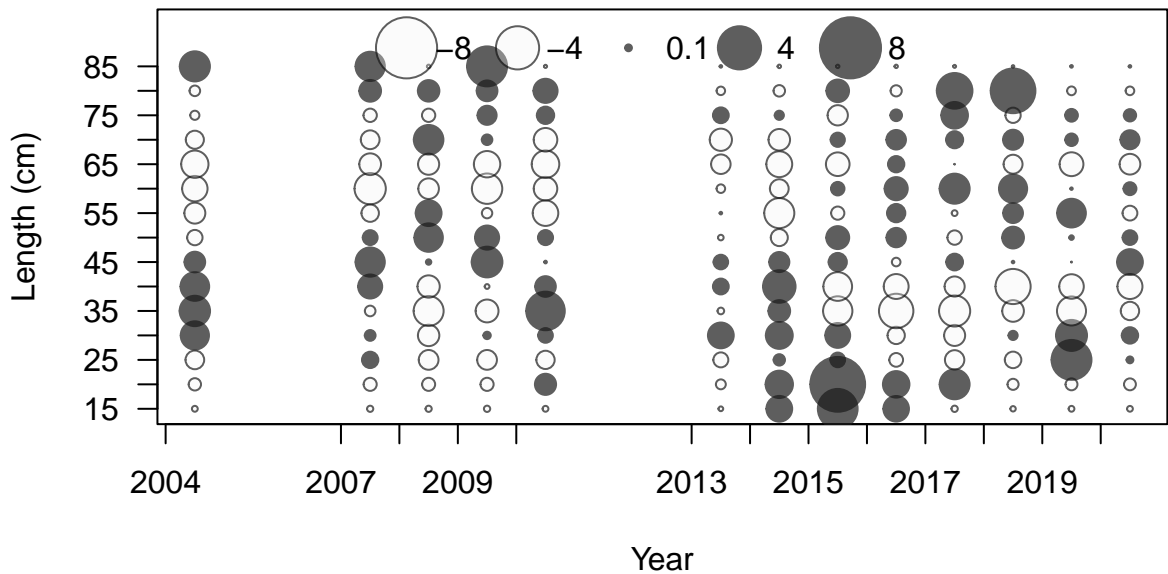
Mean length





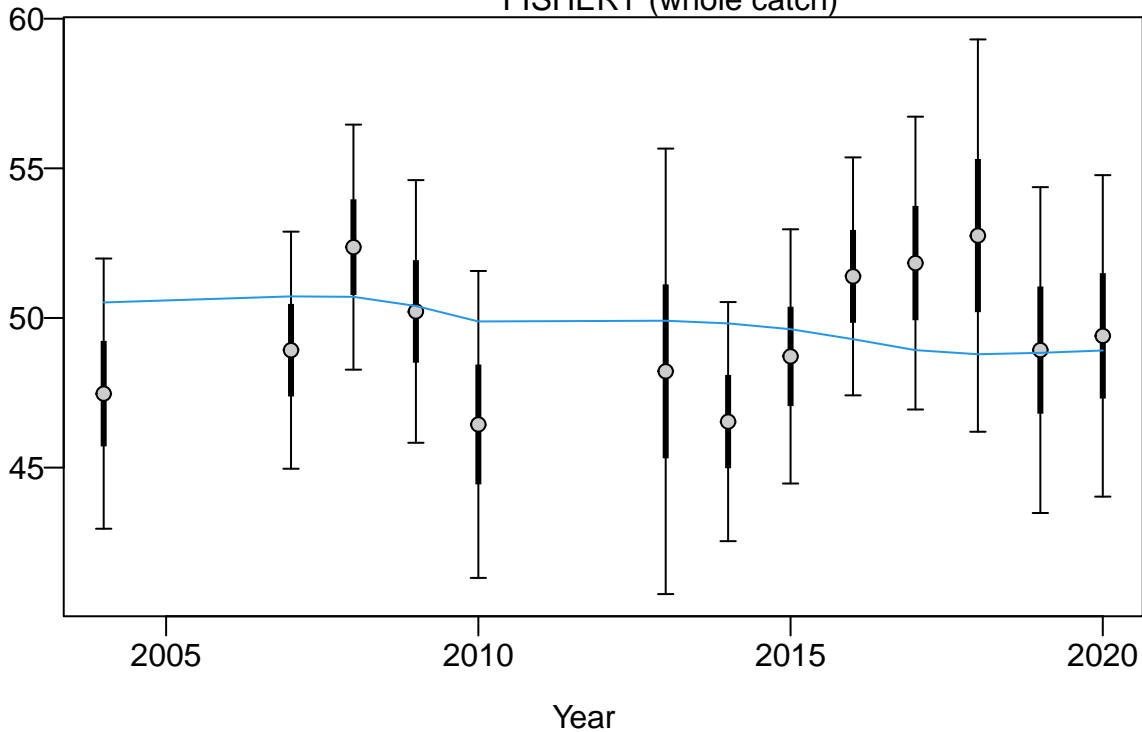




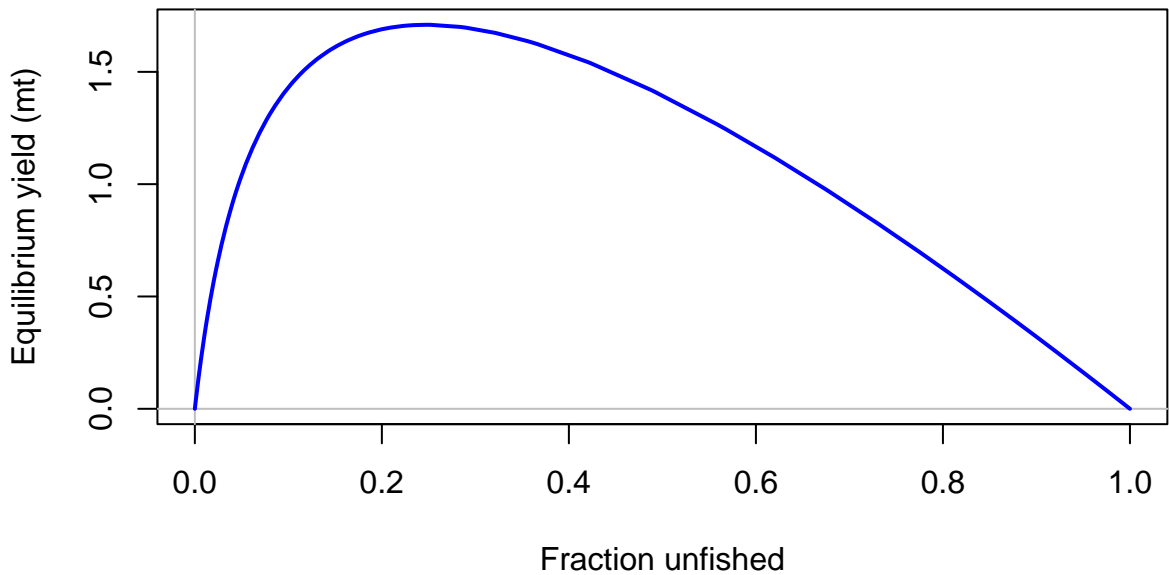


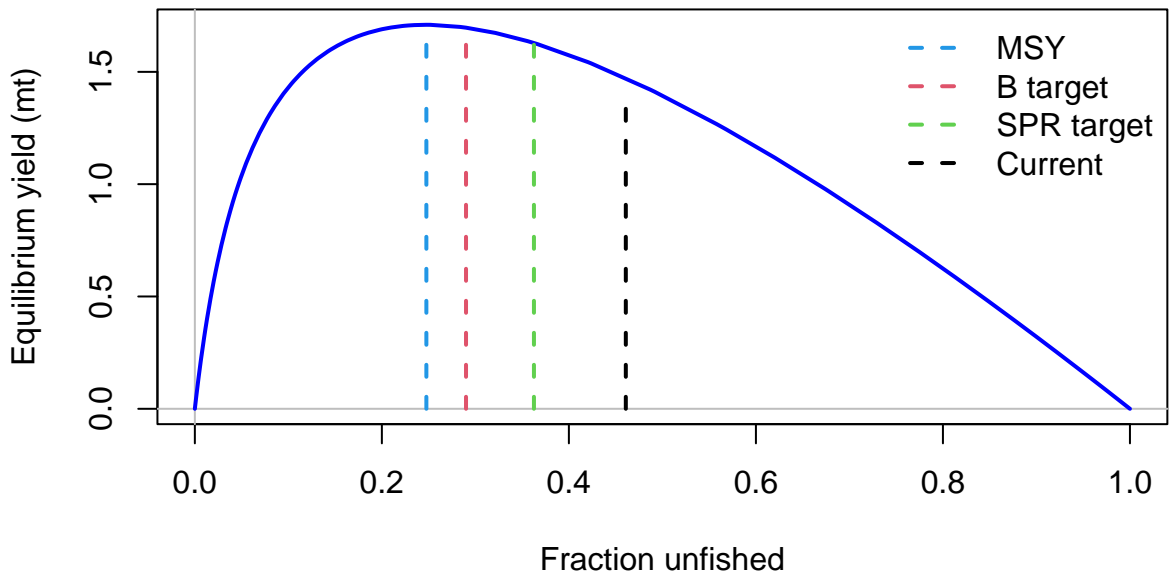
FISHERY (whole catch)

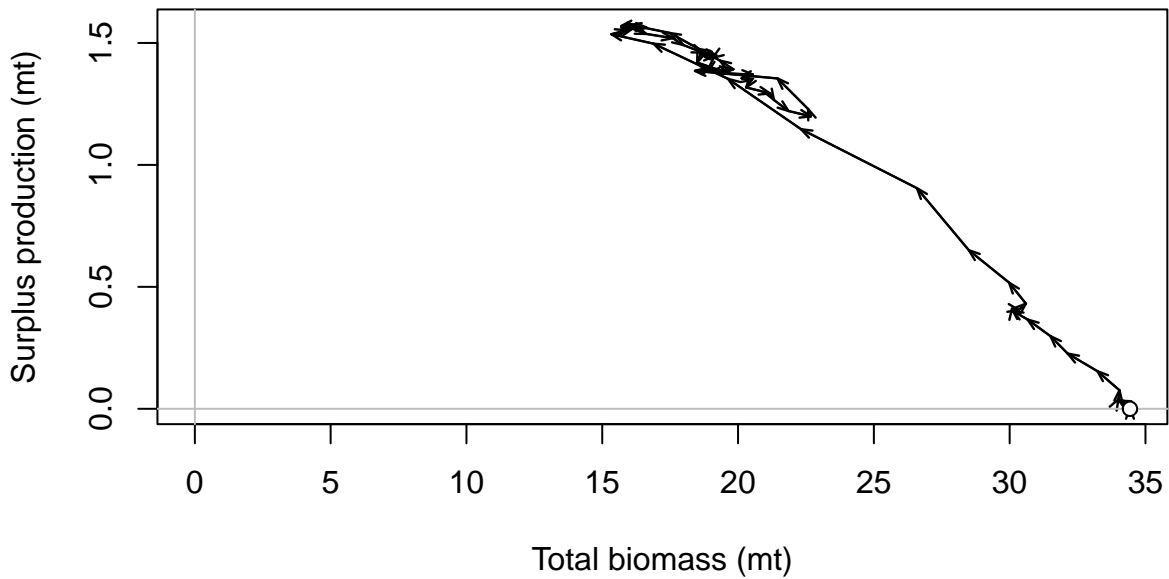
Mean length

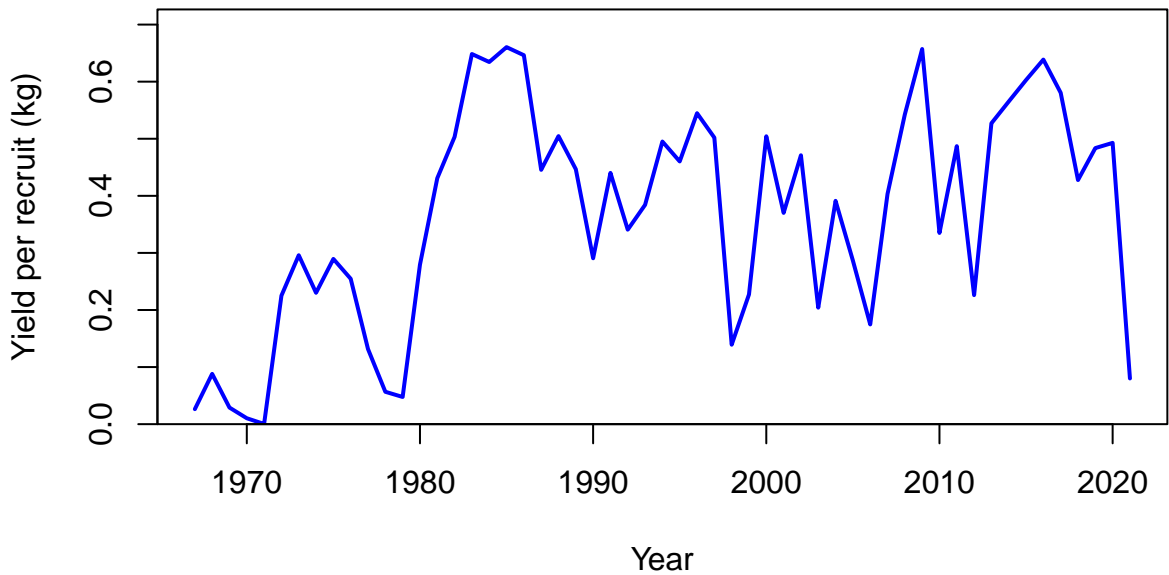


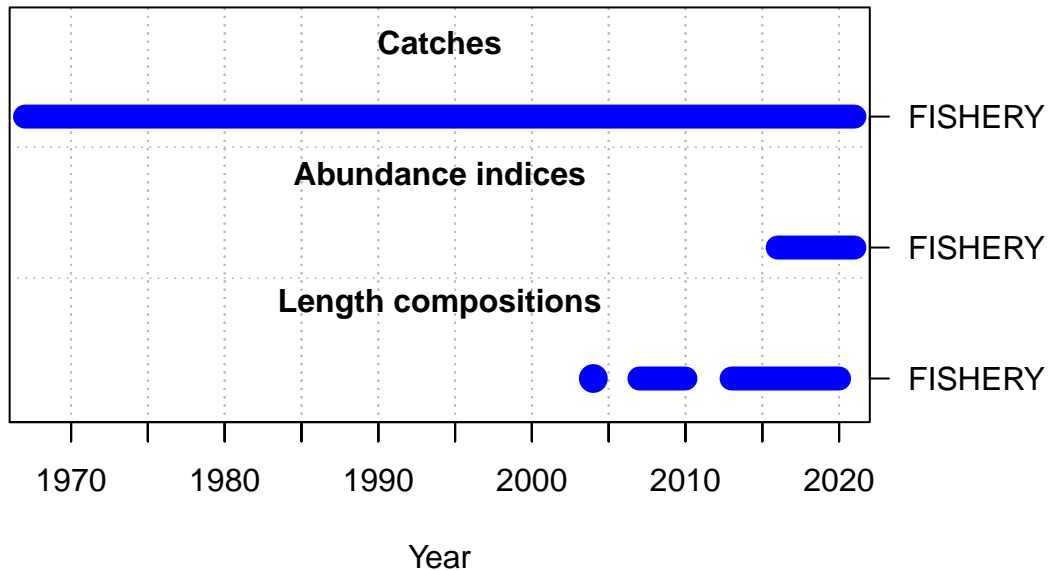


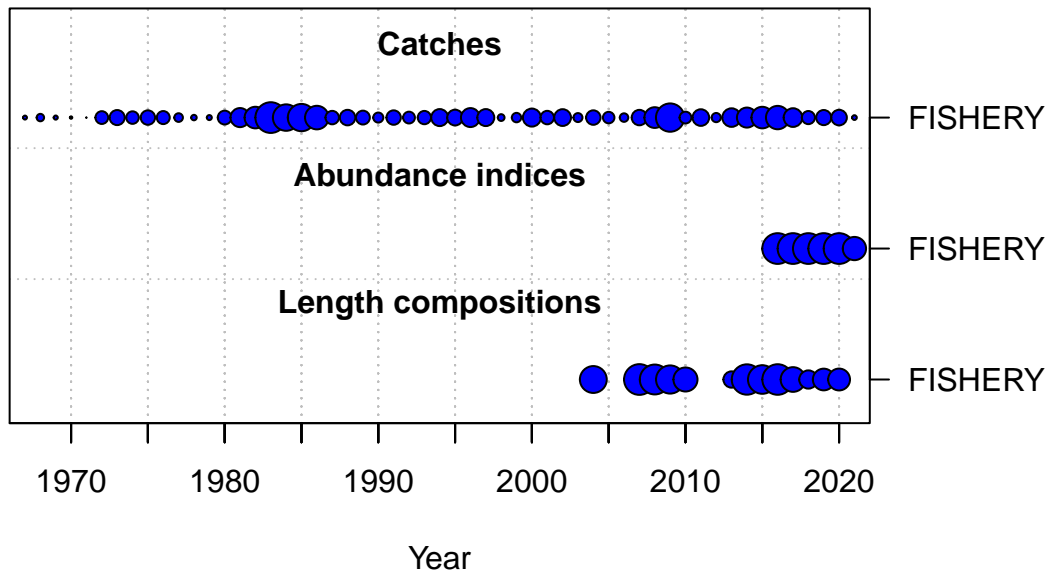




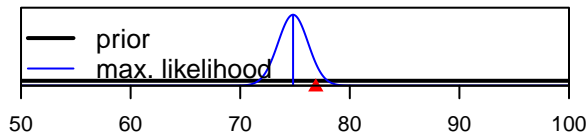




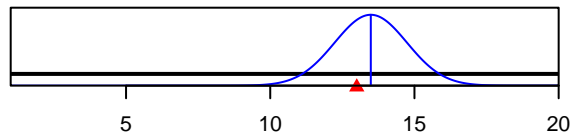




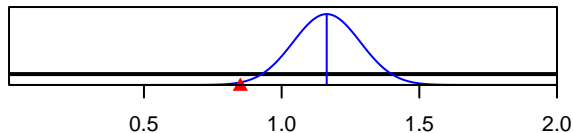
L\_at\_Amax\_Fem\_GP\_1



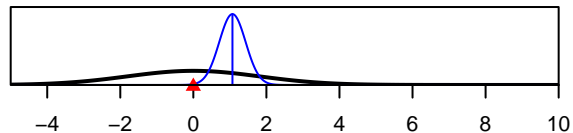
Size\_95%width\_FISHERY(1)



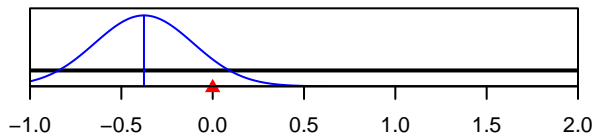
SR\_LN(R0)



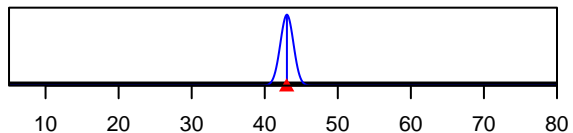
ln(DM\_theta)\_1



LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Parameter value