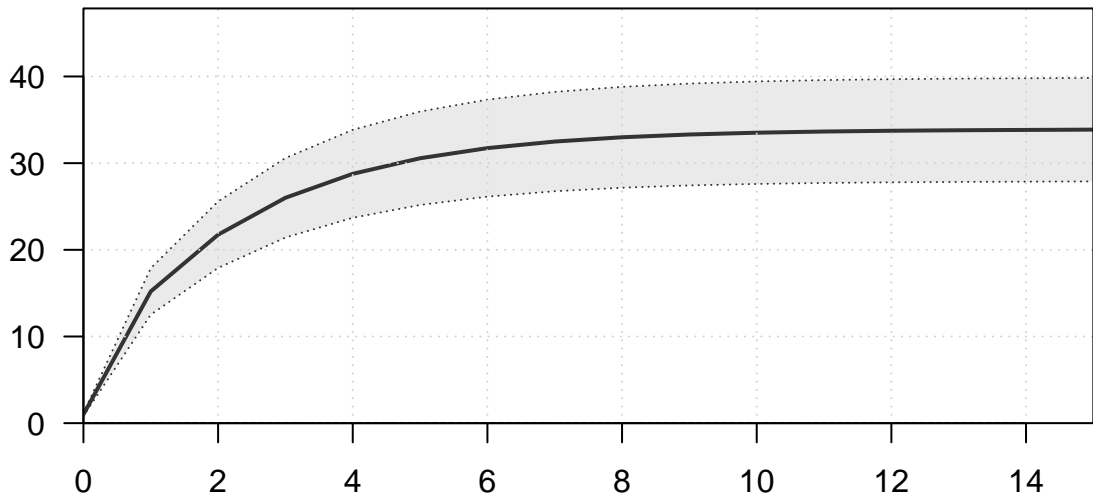
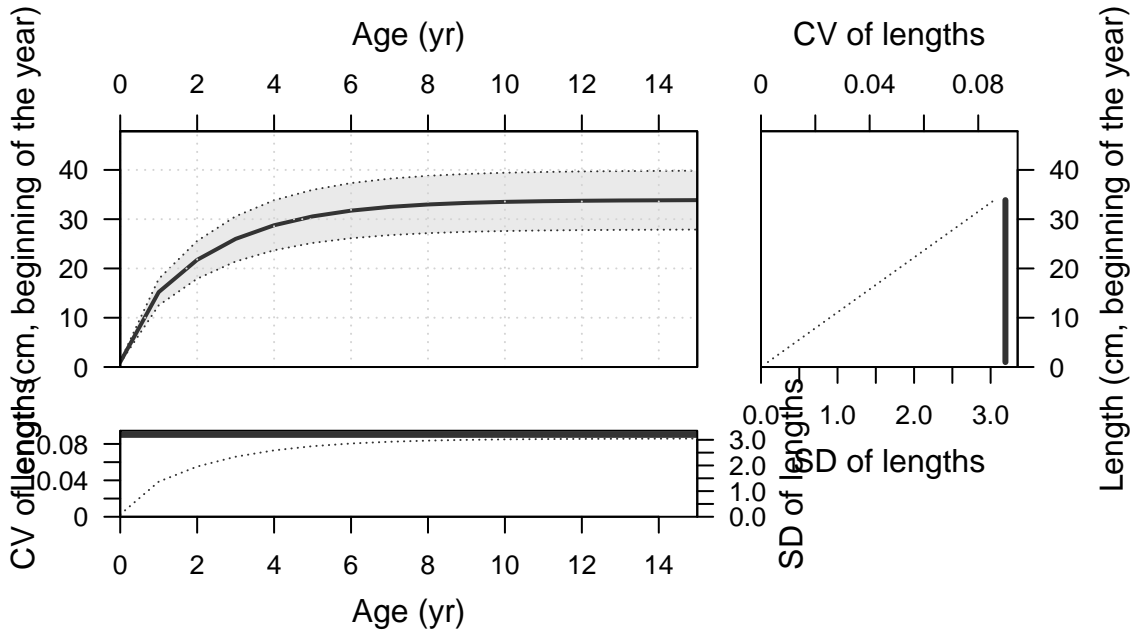


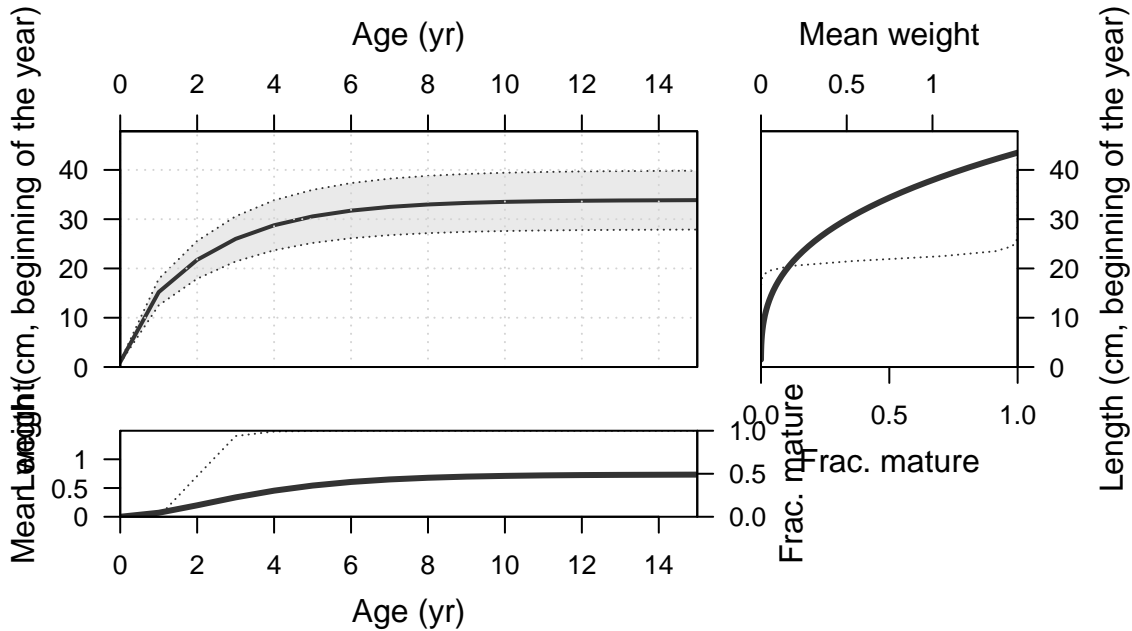
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Tue Aug 02 11:07:30 2022  
Data\_File: data.ss  
Control\_File: control.ss

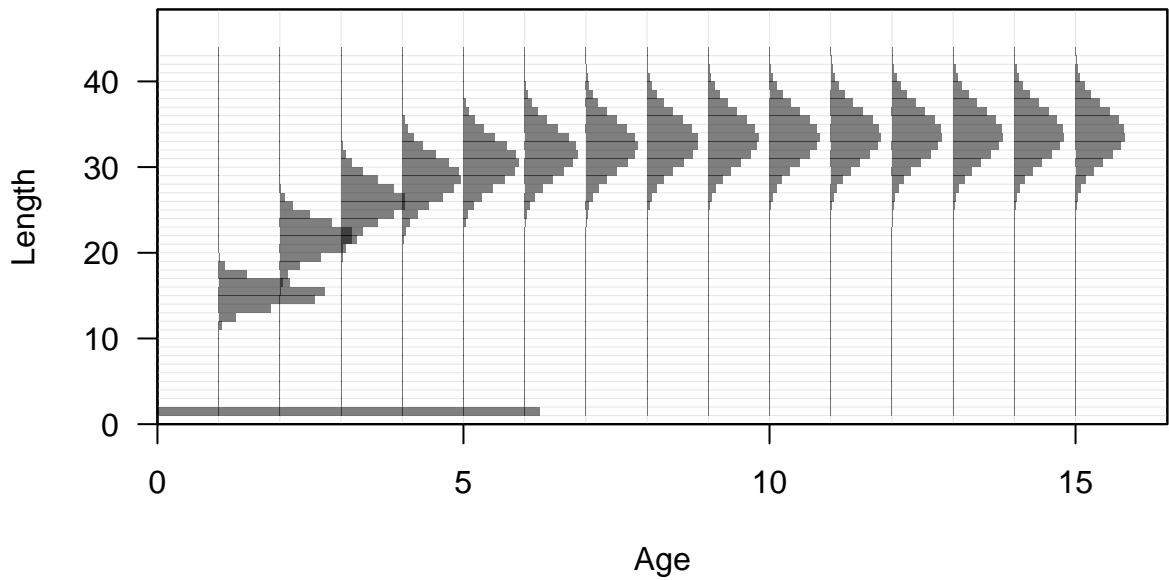
Length (cm, beginning of the year)

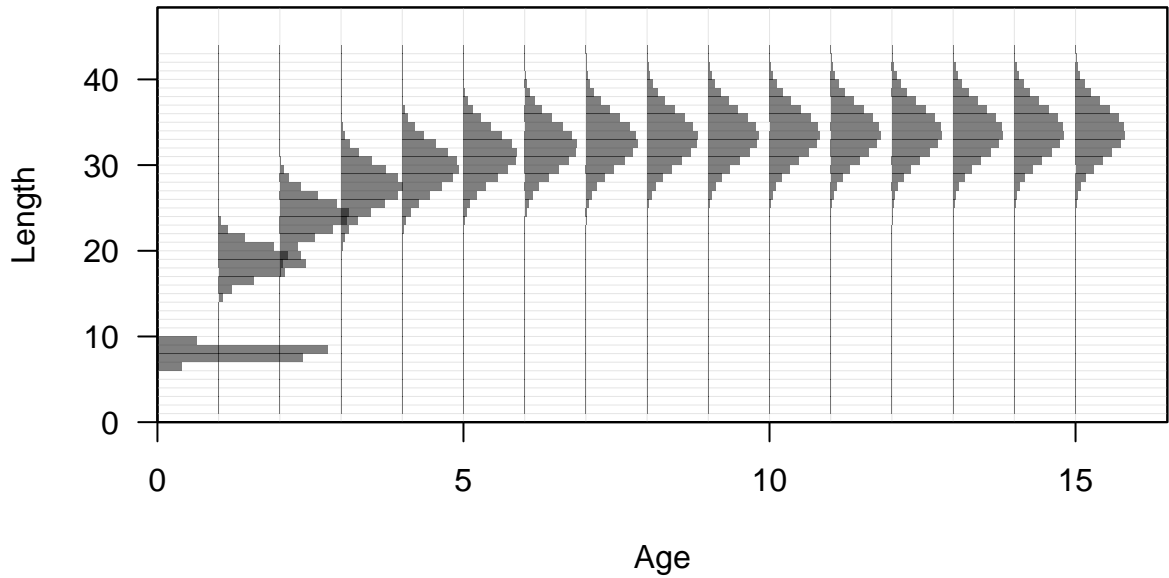


Age (yr)





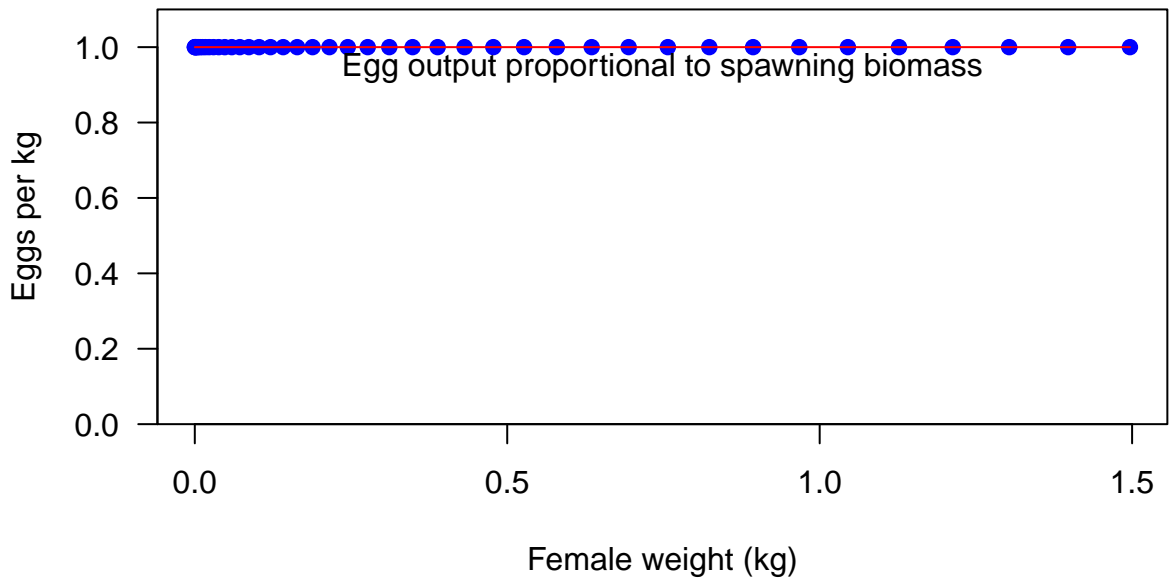






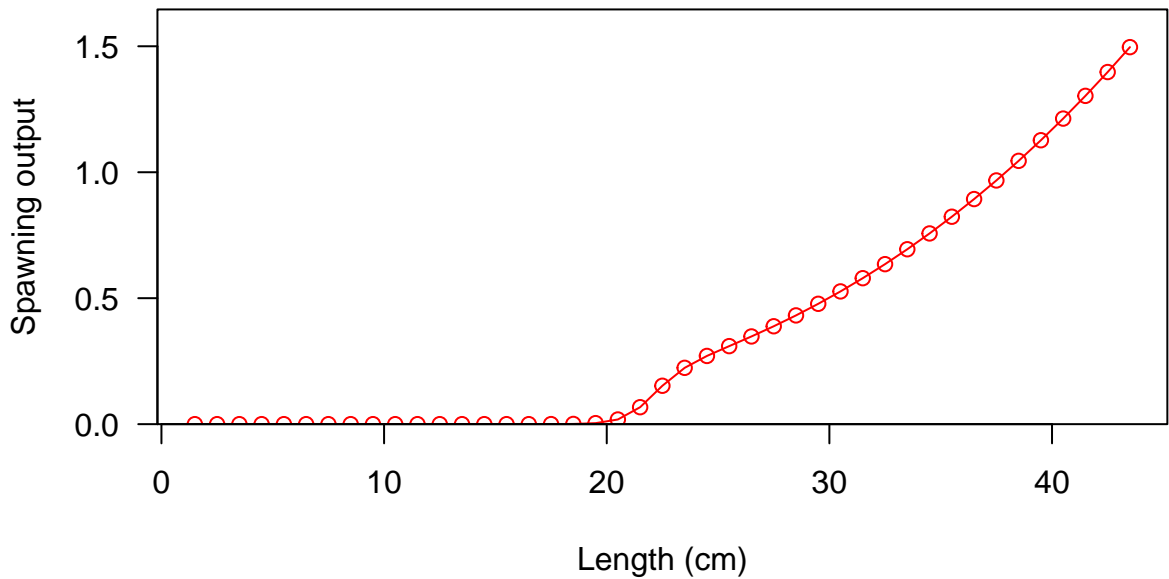


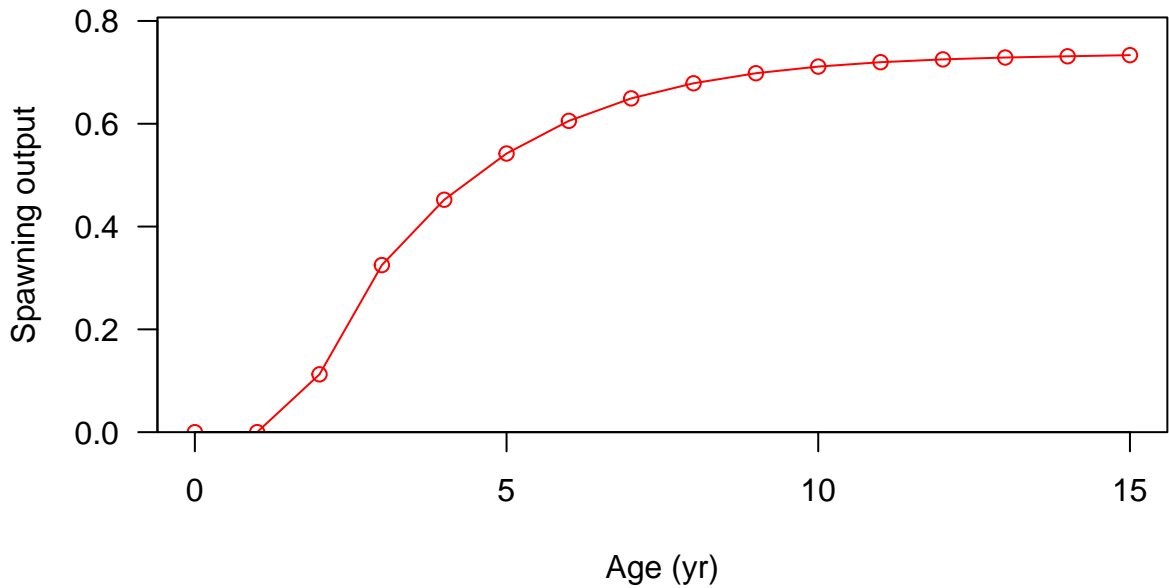








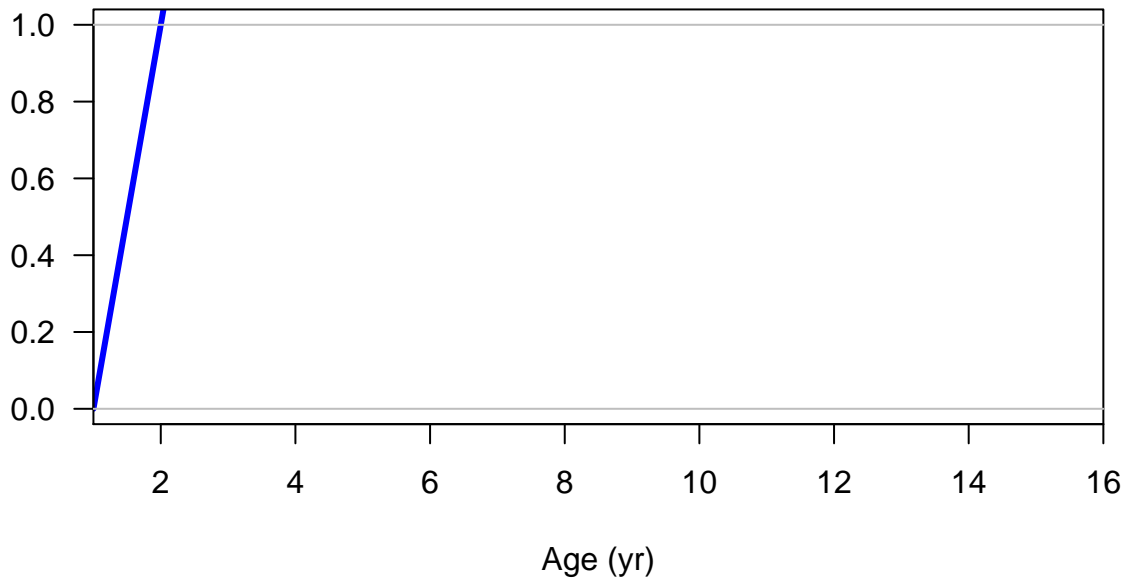




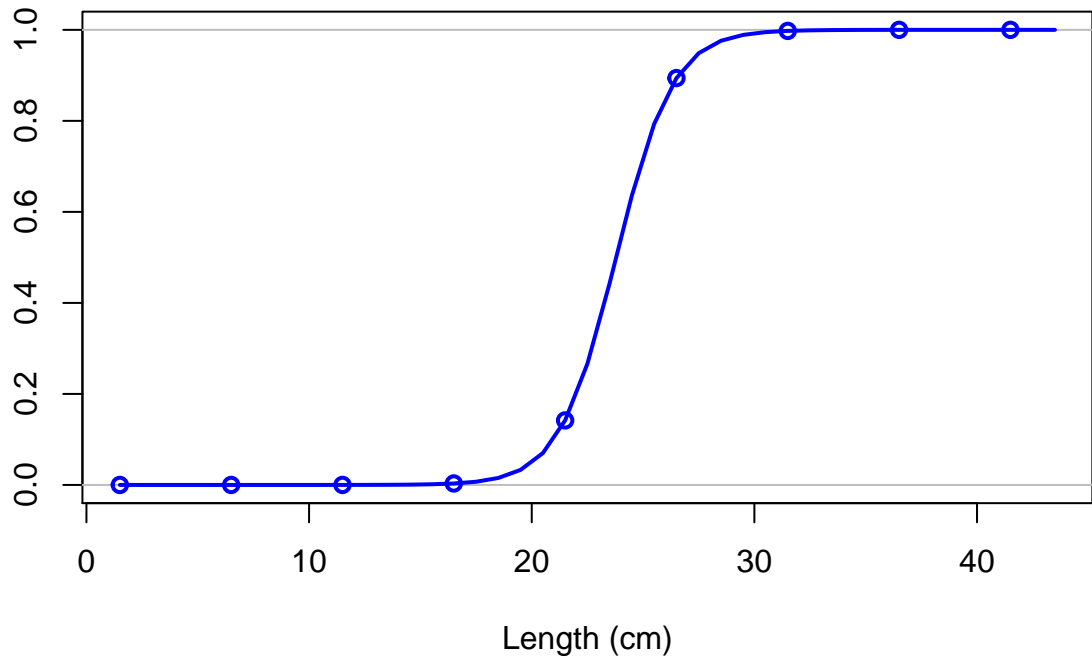
Hermaphroditism transition rate



Fraction females by age at equilibrium

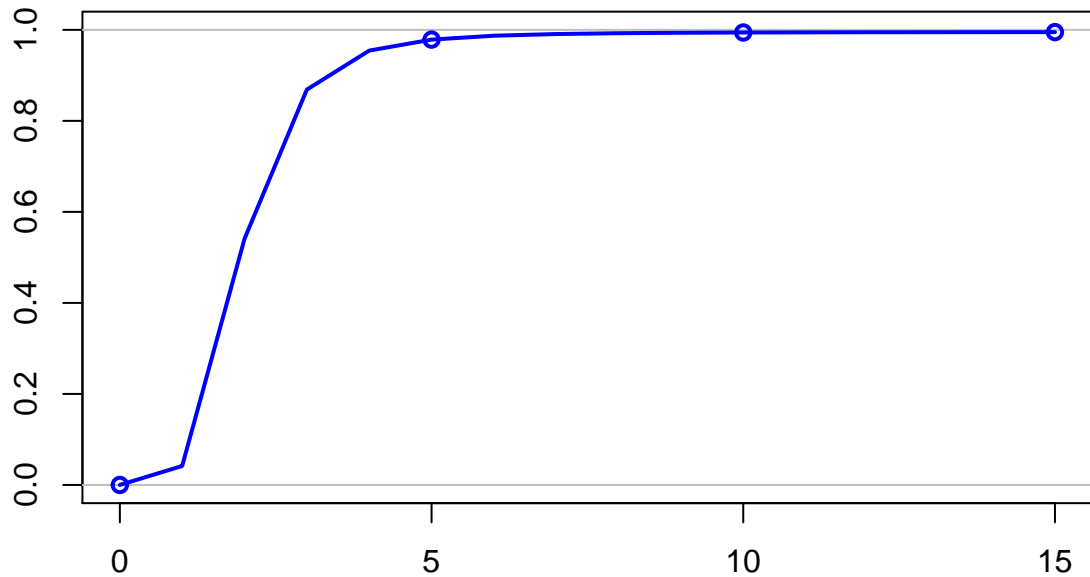


Selectivity



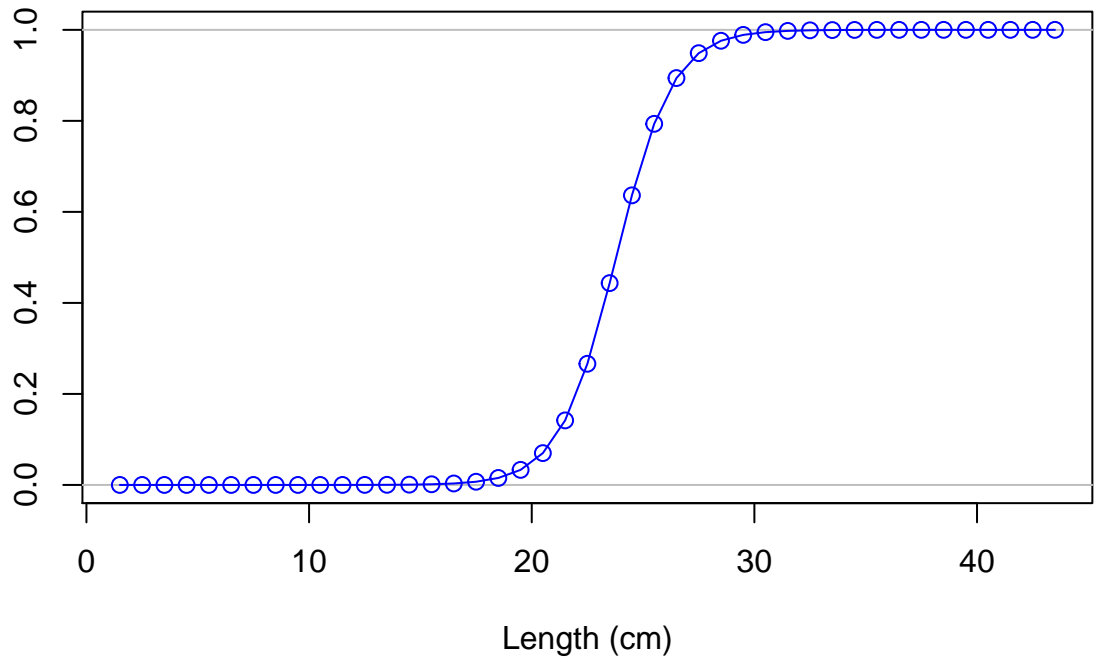


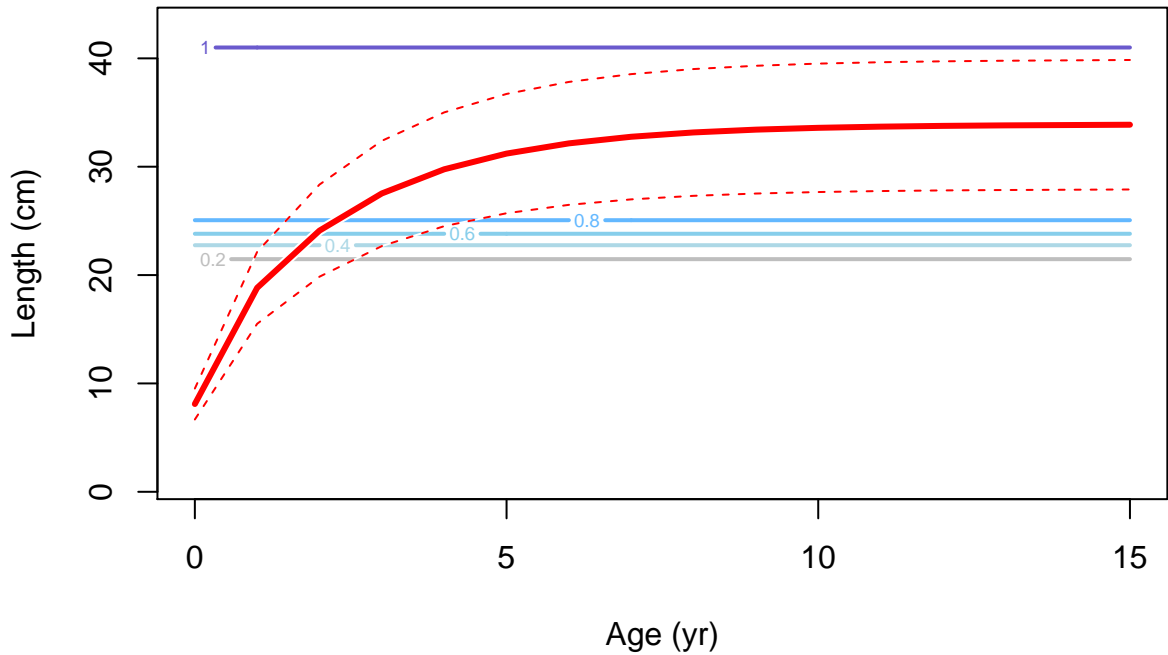
Selectivity



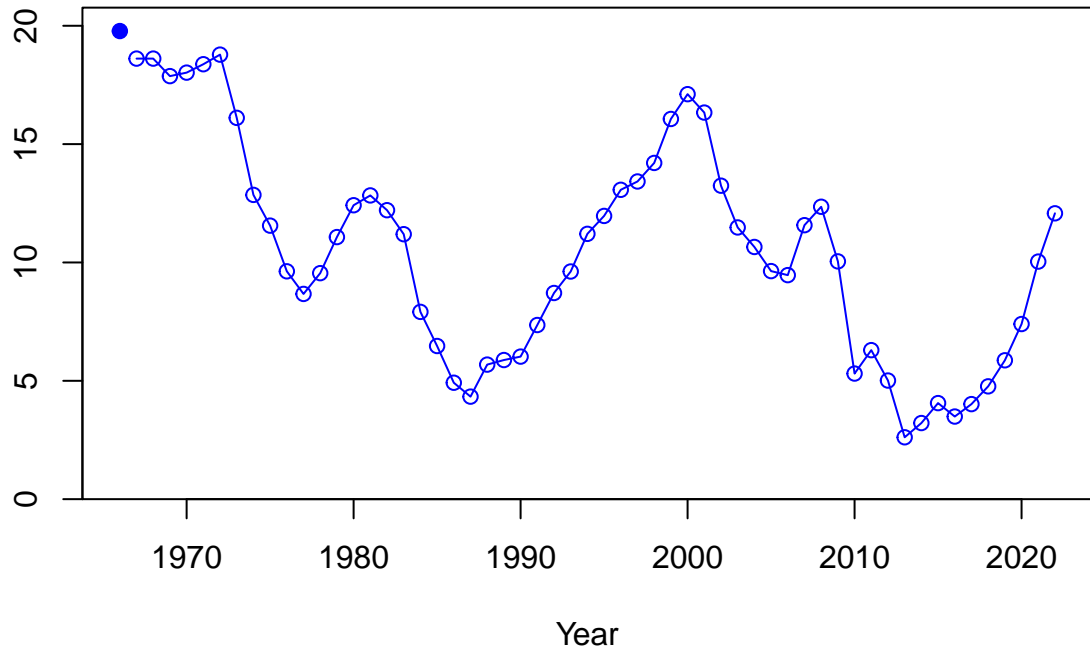
Age (yr)

Selectivity

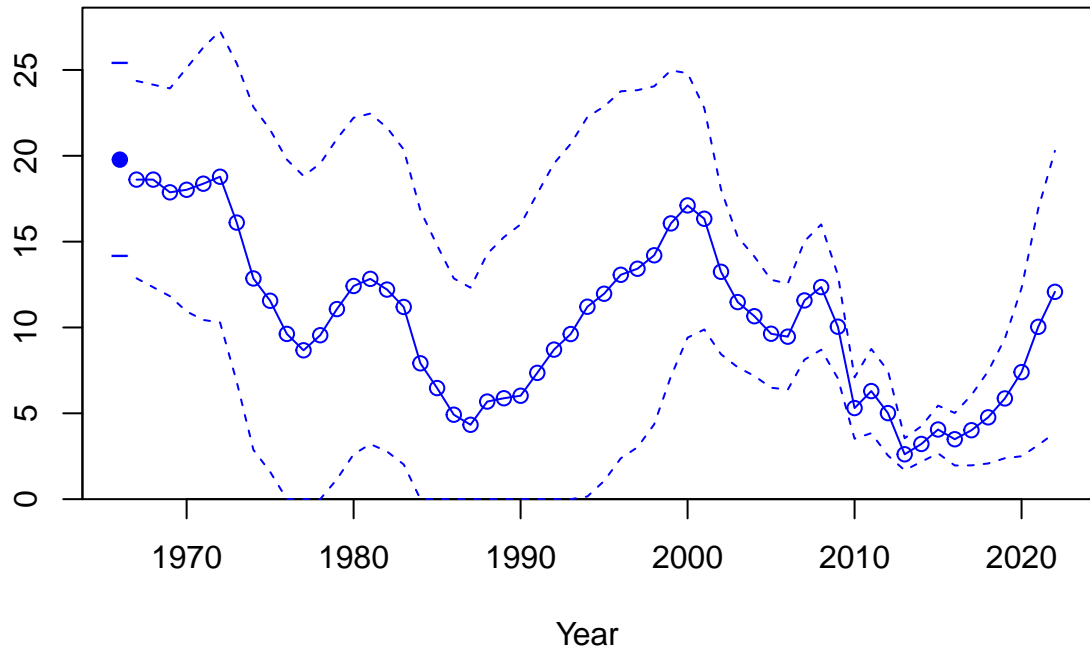




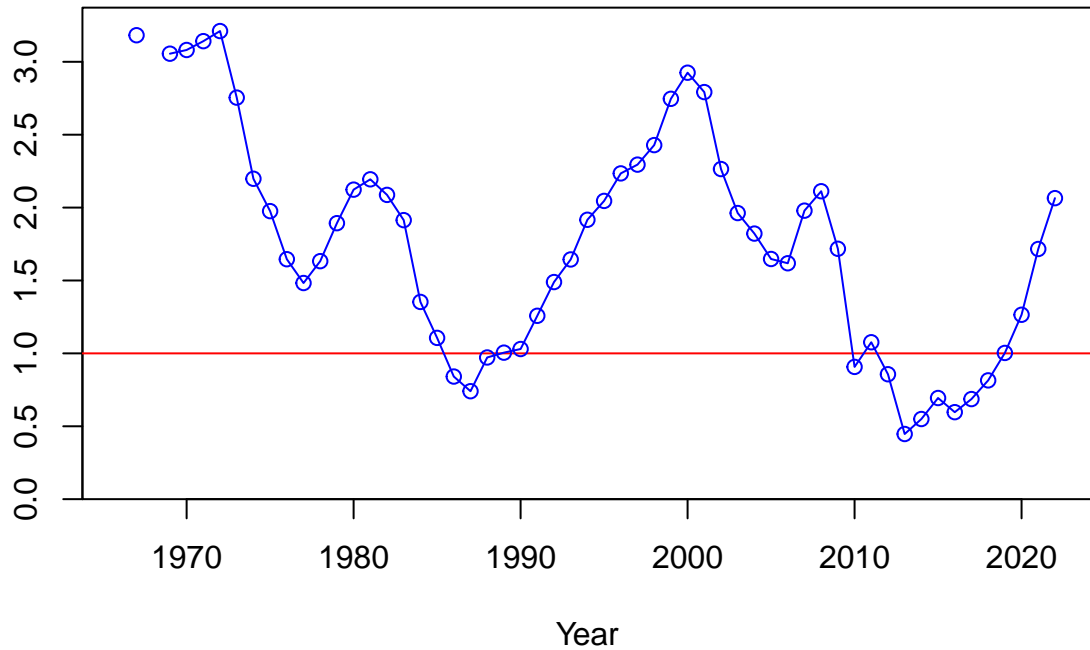
Spawning biomass (mt)



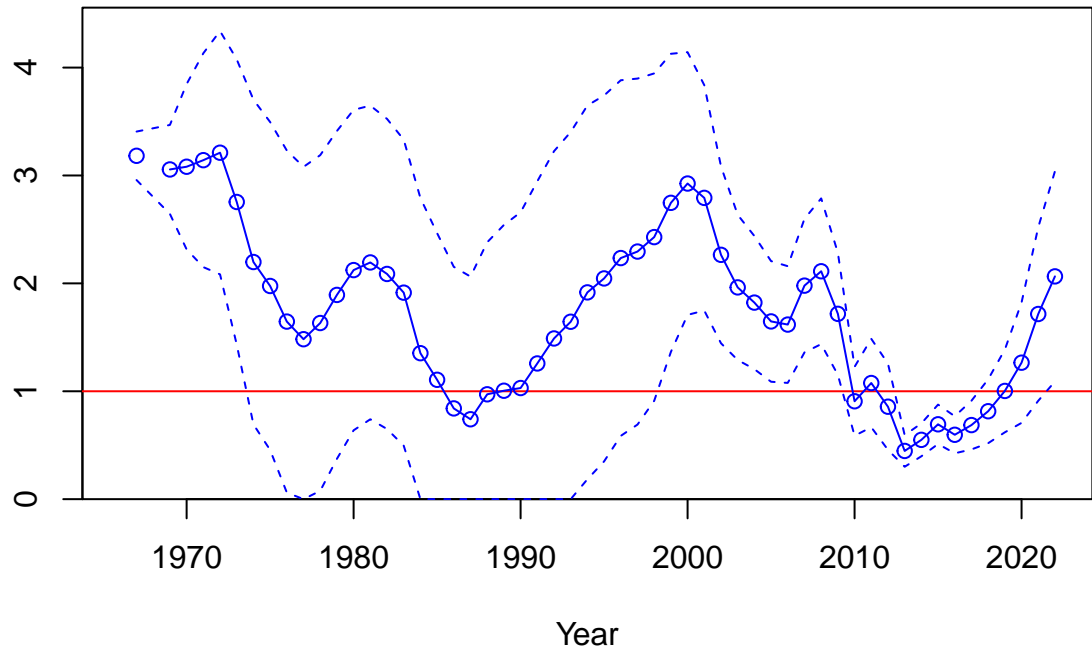
Spawning biomass (mt)

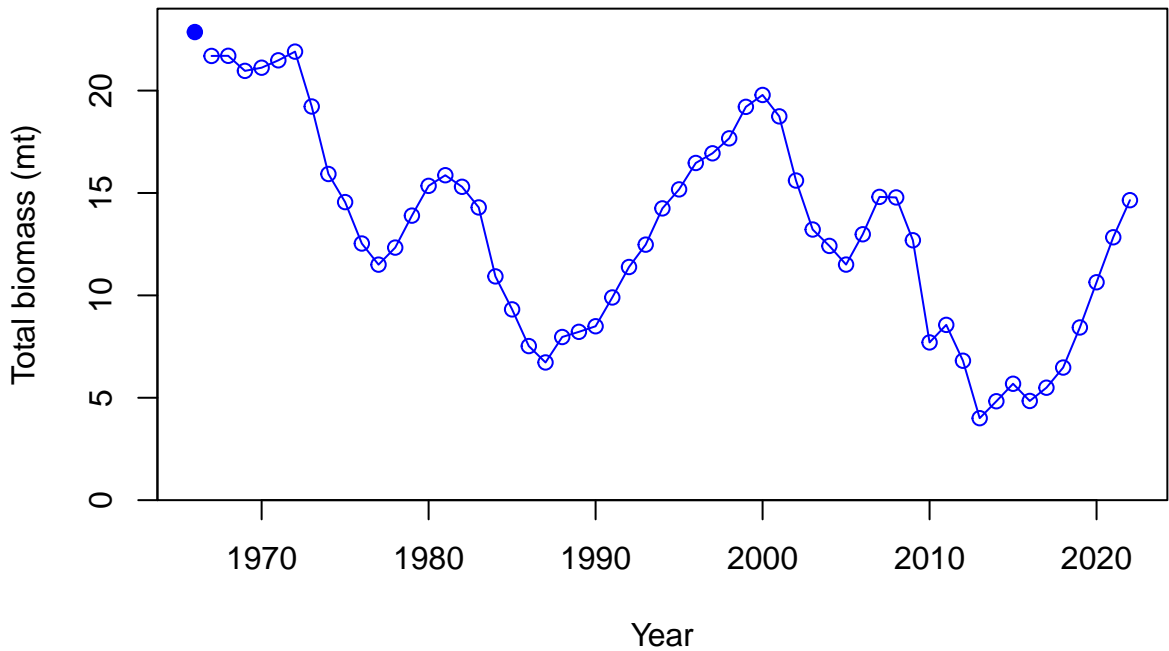


Relative spawning biomass:  $B/B_{MSY}$



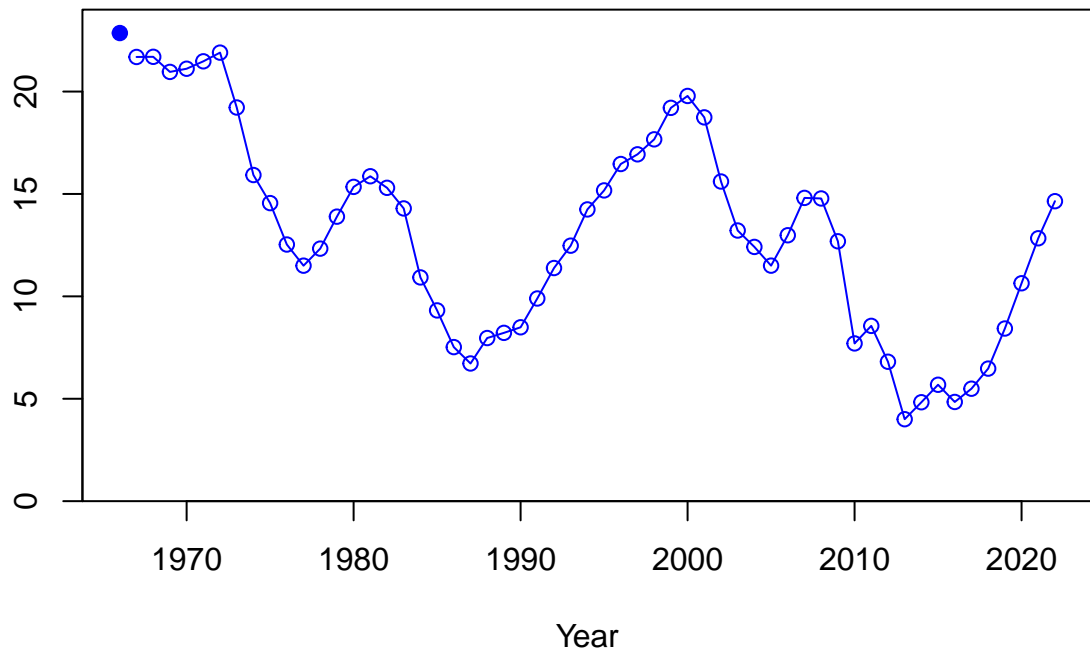
Relative spawning biomass:  $B/B_{MSY}$



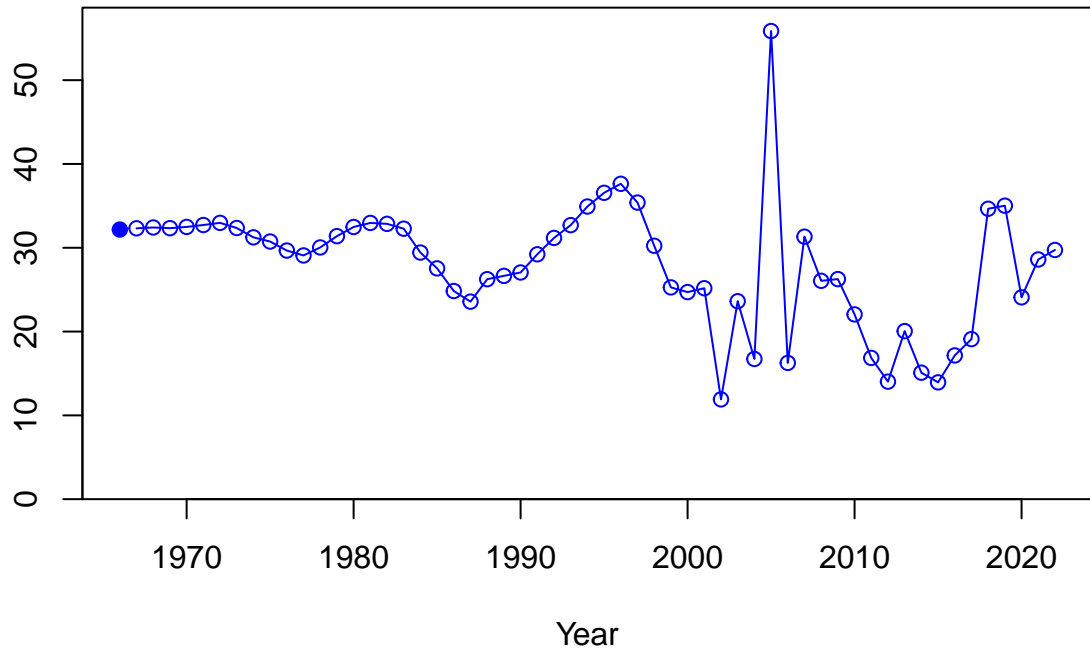




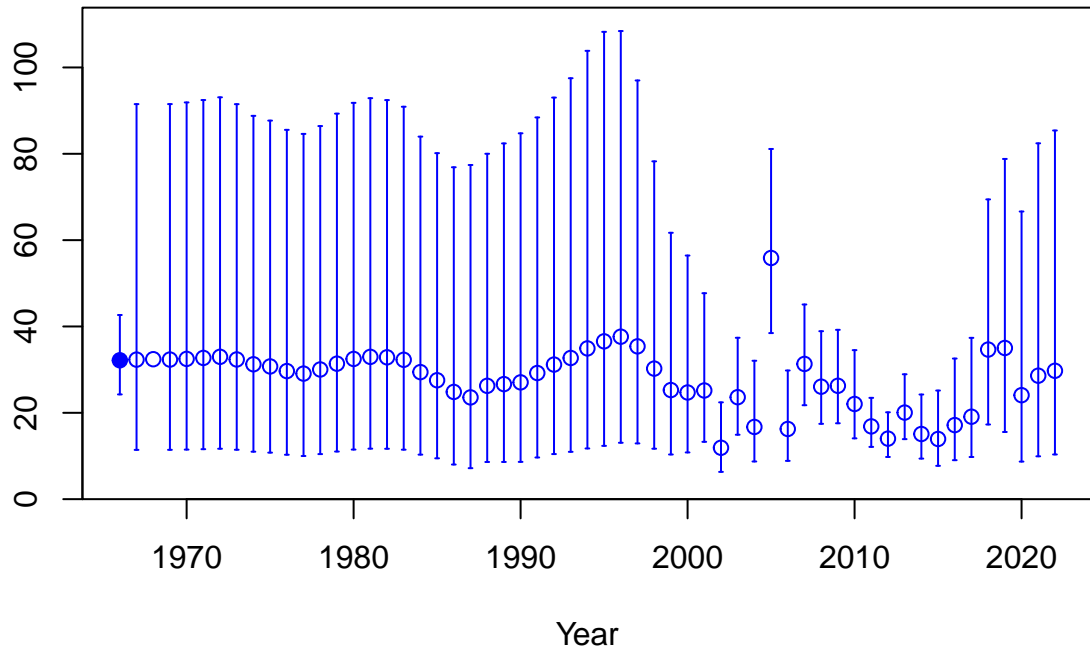
Summary biomass (mt)



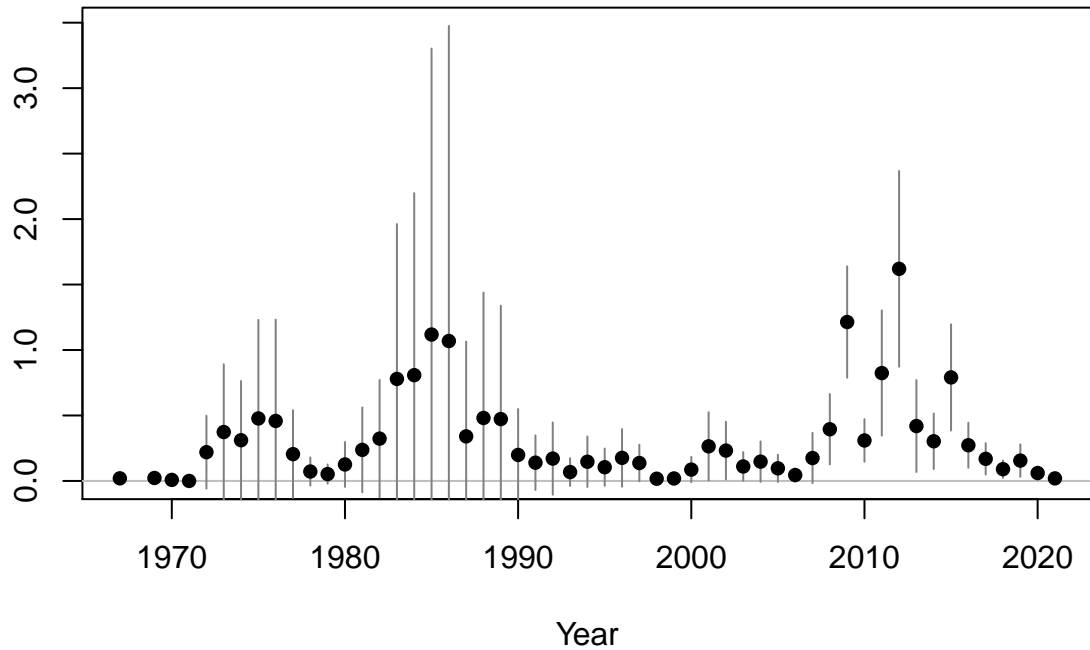
Age-0 recruits (1,000s)

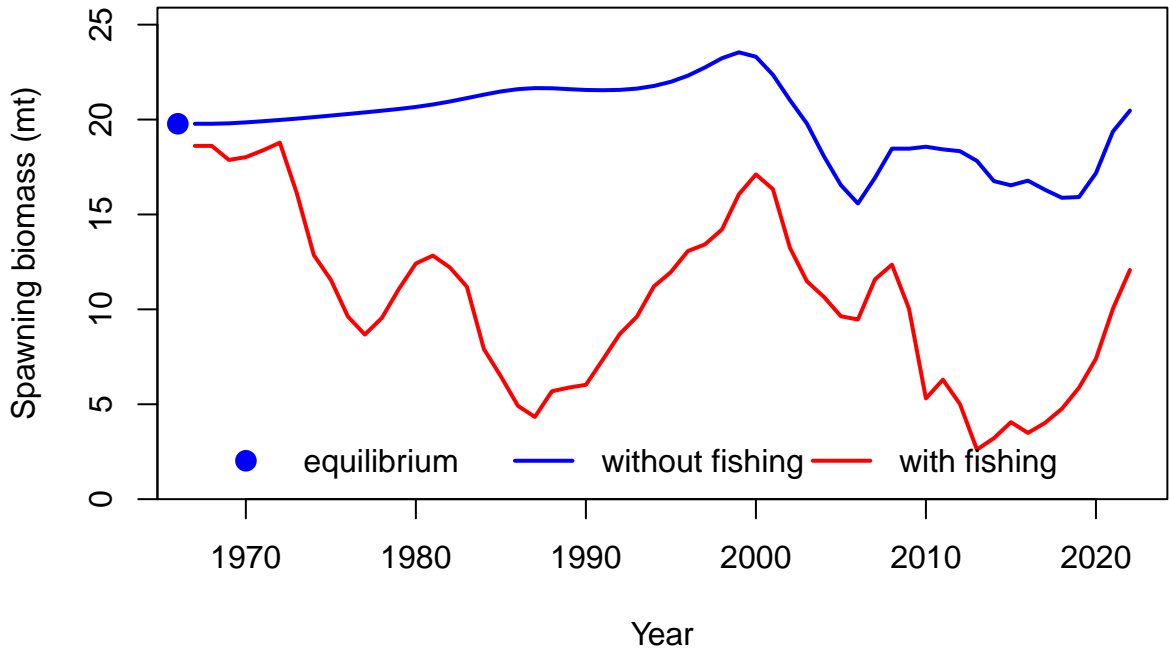


Age-0 recruits (1,000s)

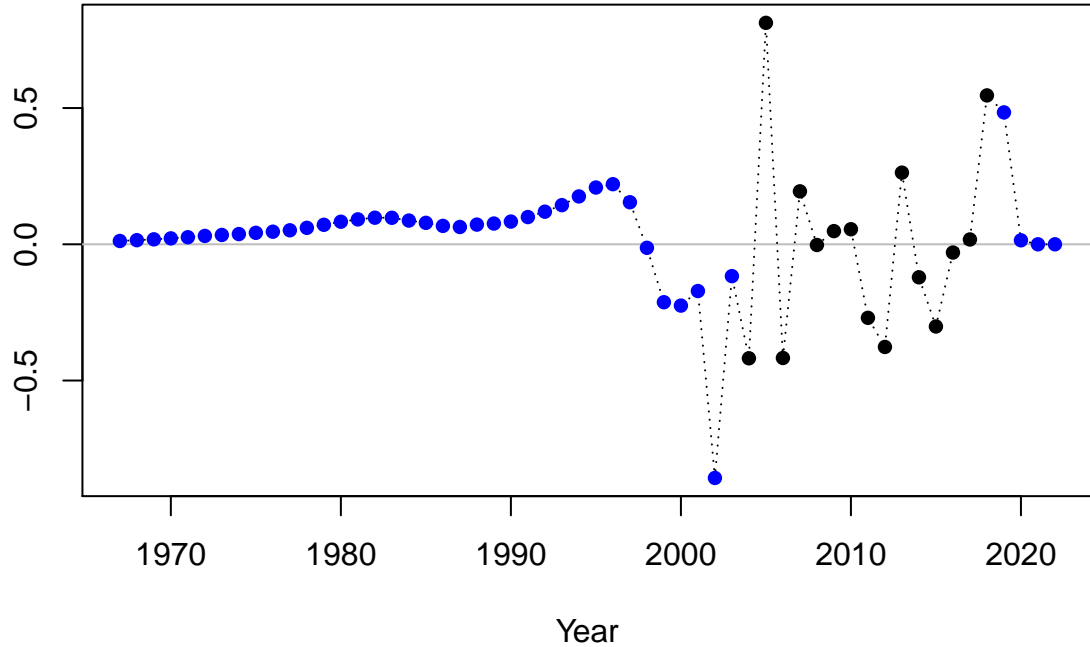


Summary Fishing Mortality

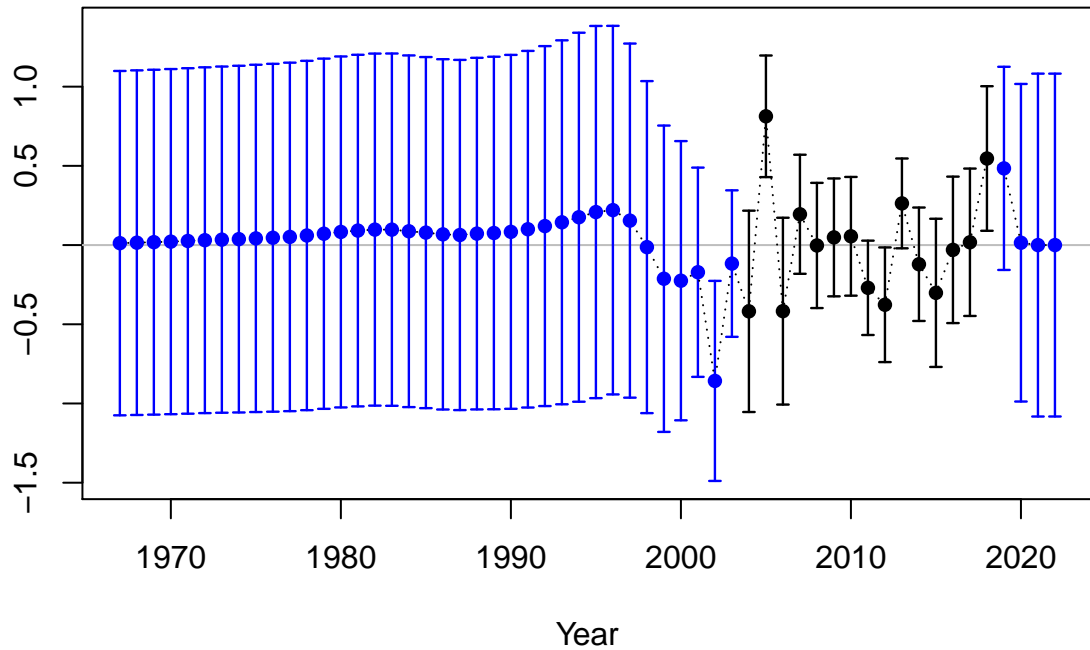




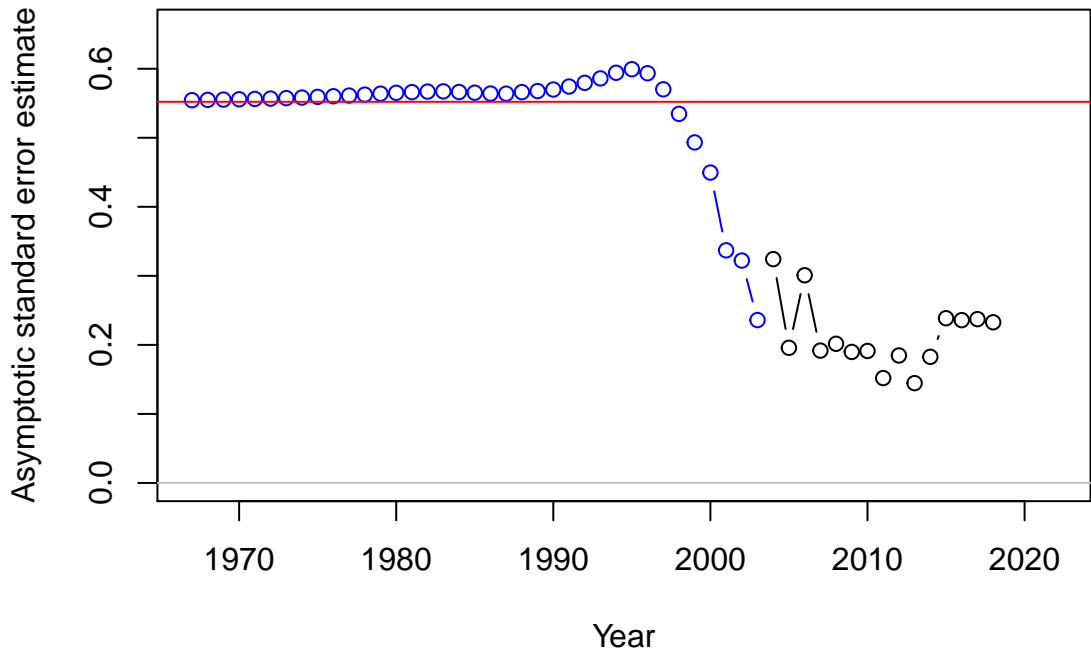
Log recruitment deviation



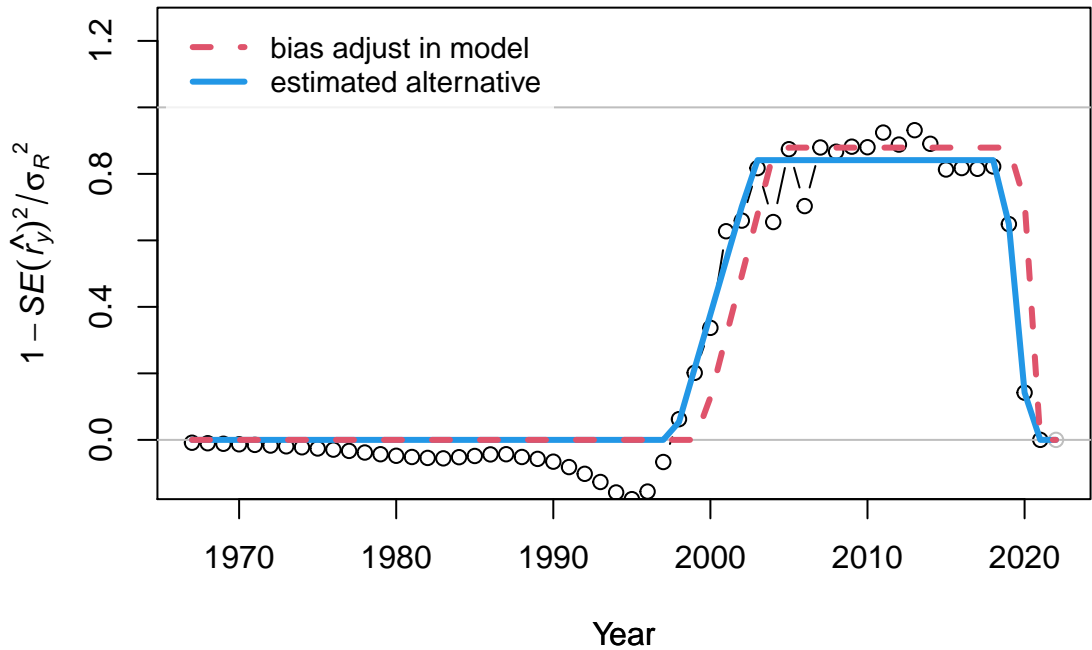
Log recruitment deviation

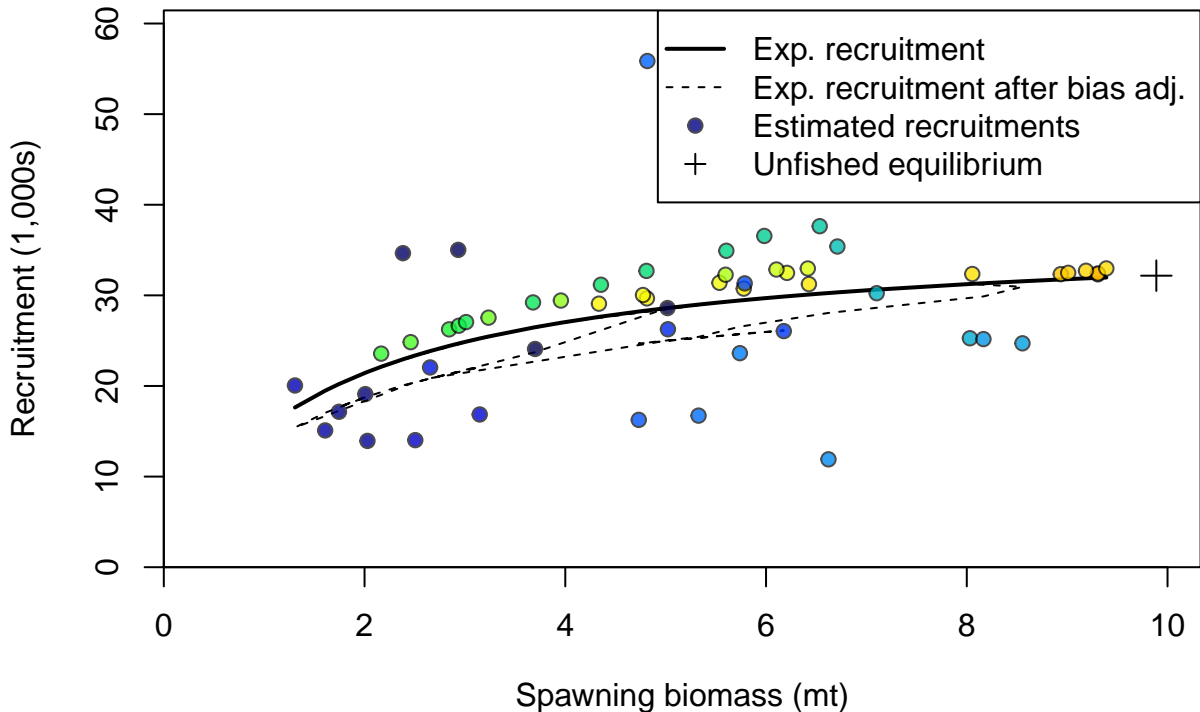


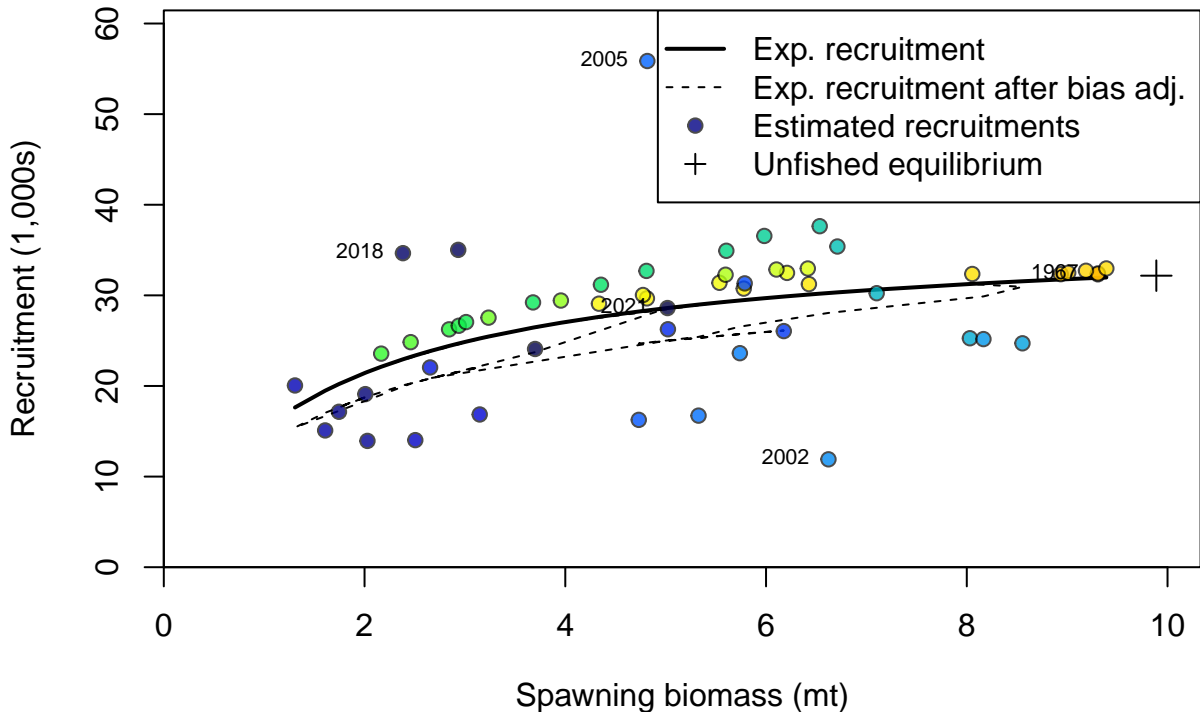
## Recruitment deviation variance



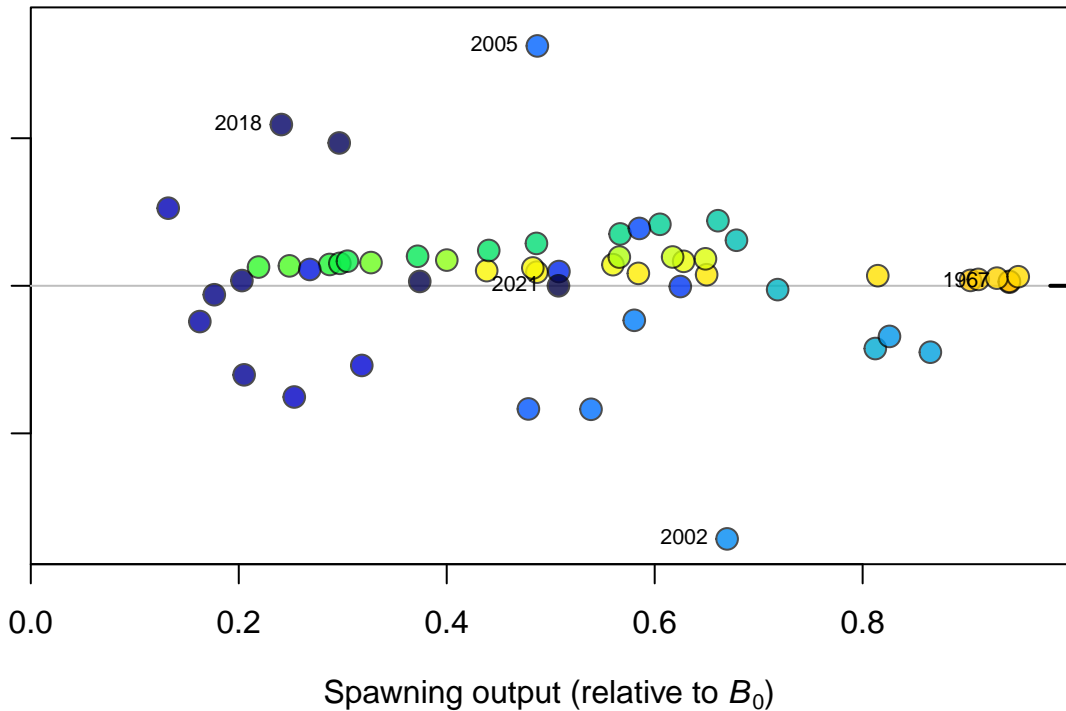


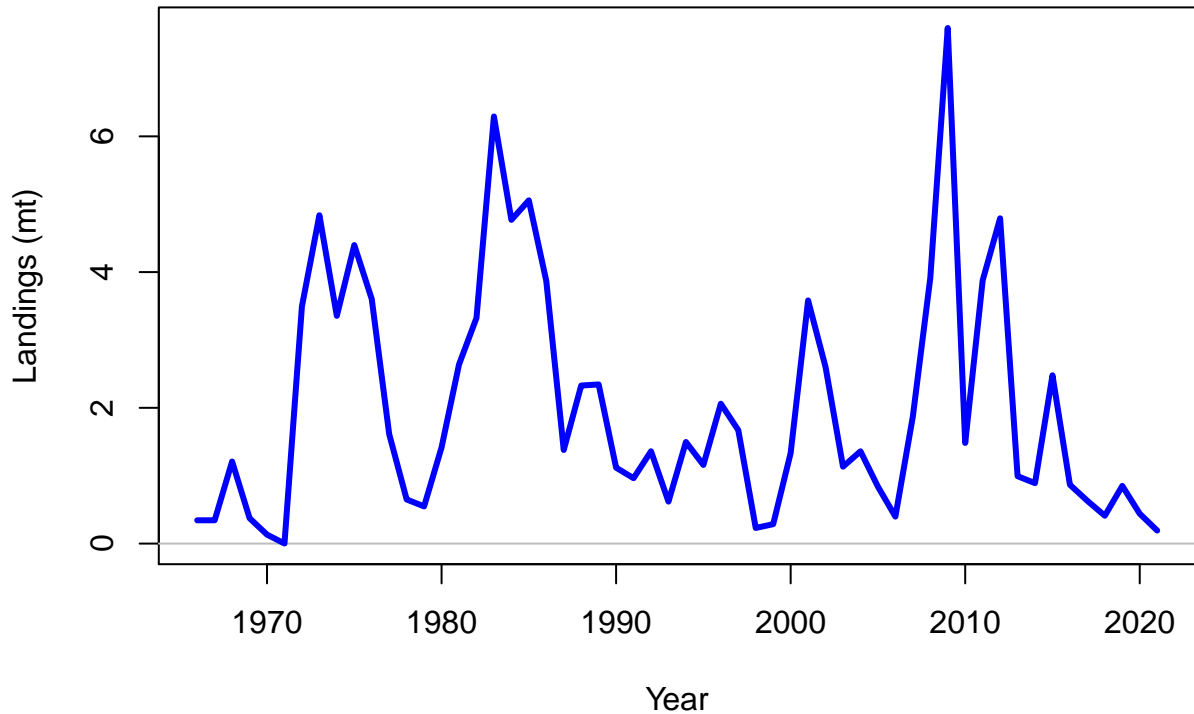


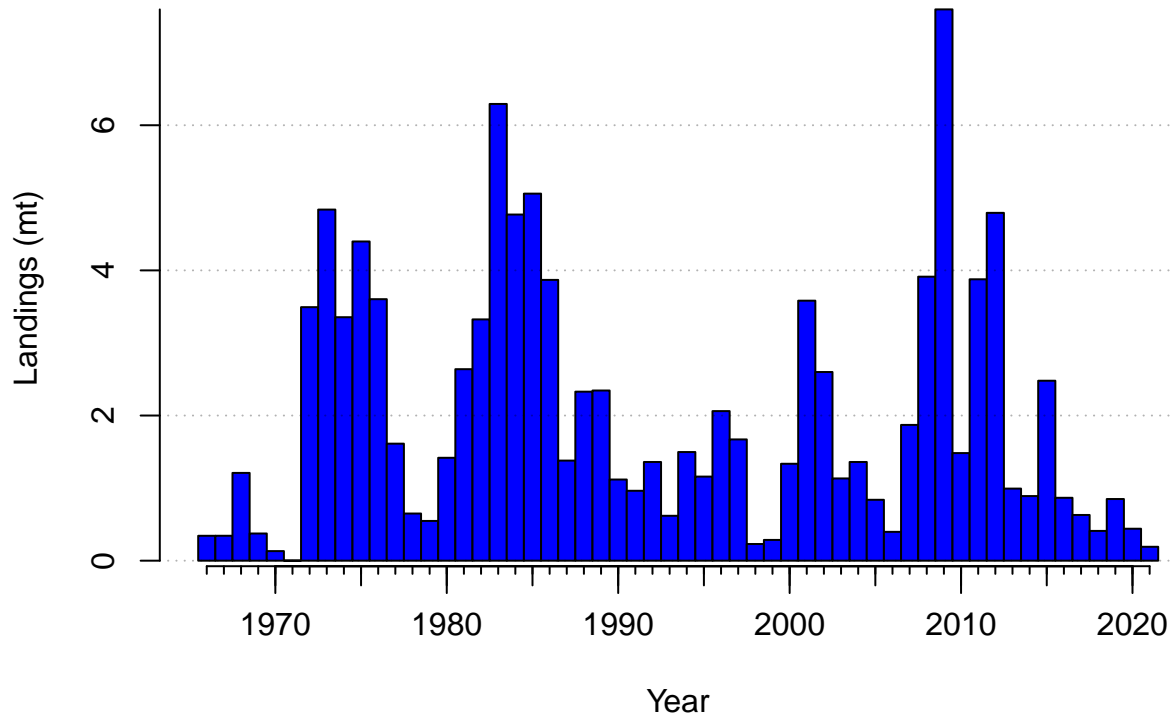




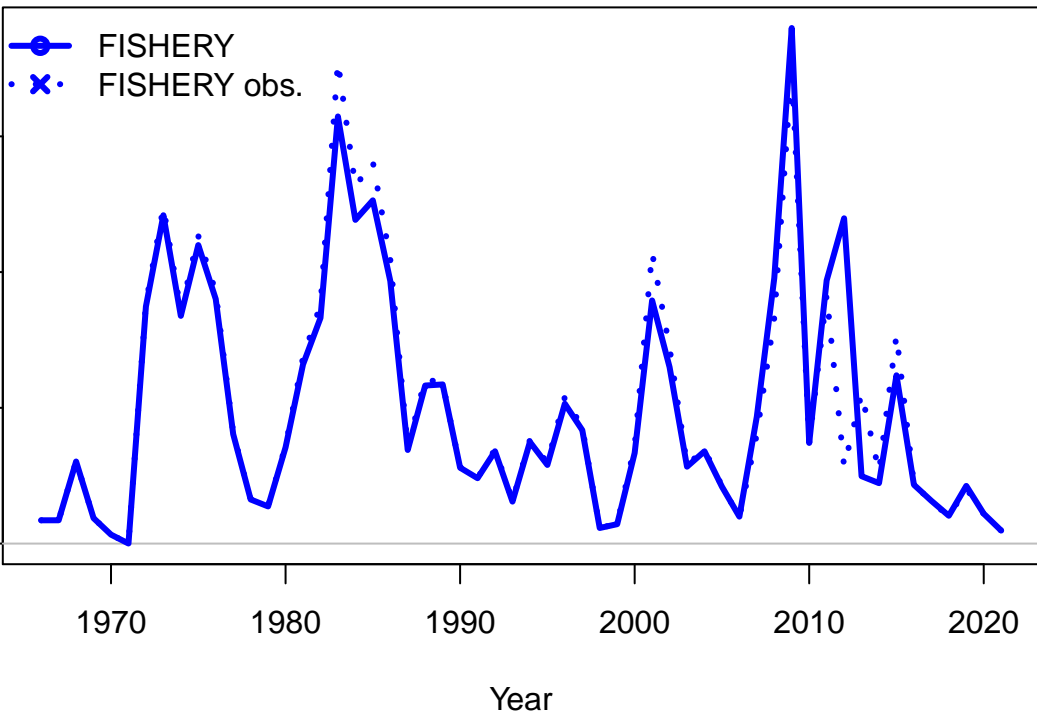
Log recruitment deviation

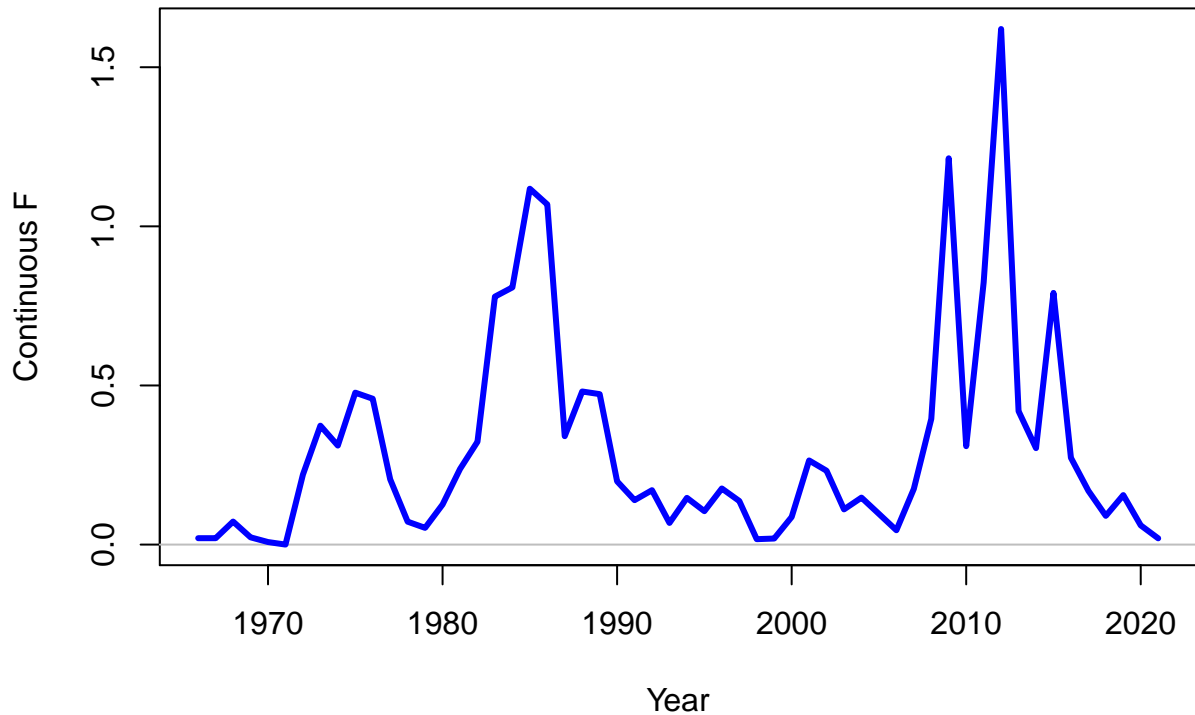






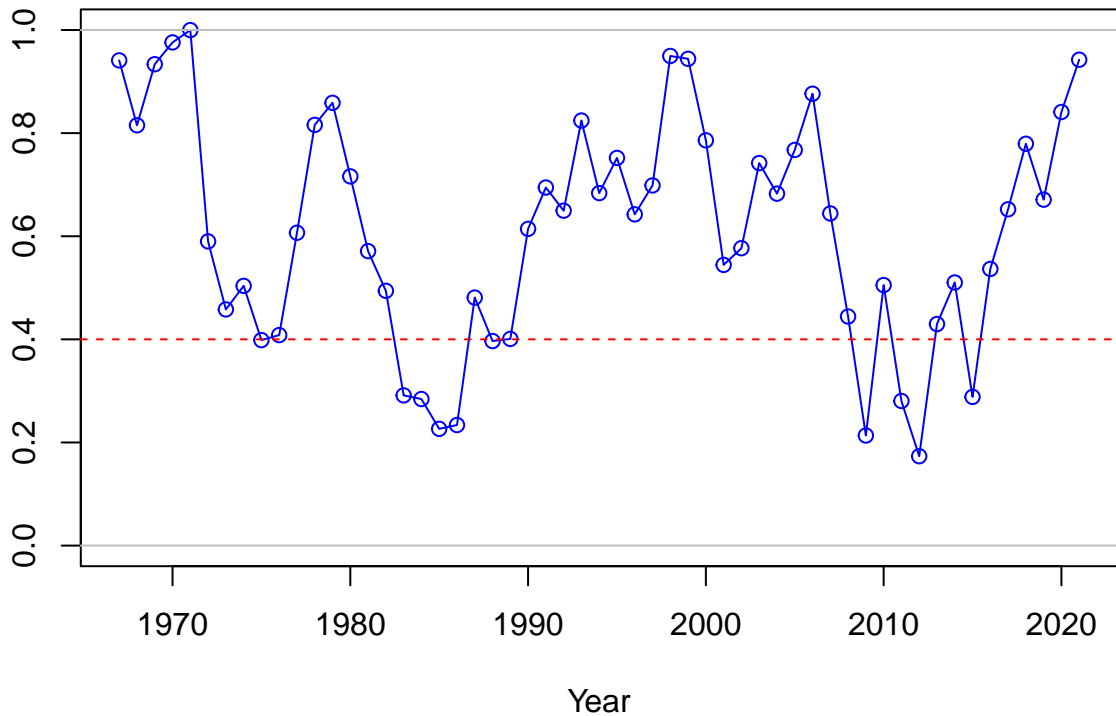
Observed and expected Landings (mt)



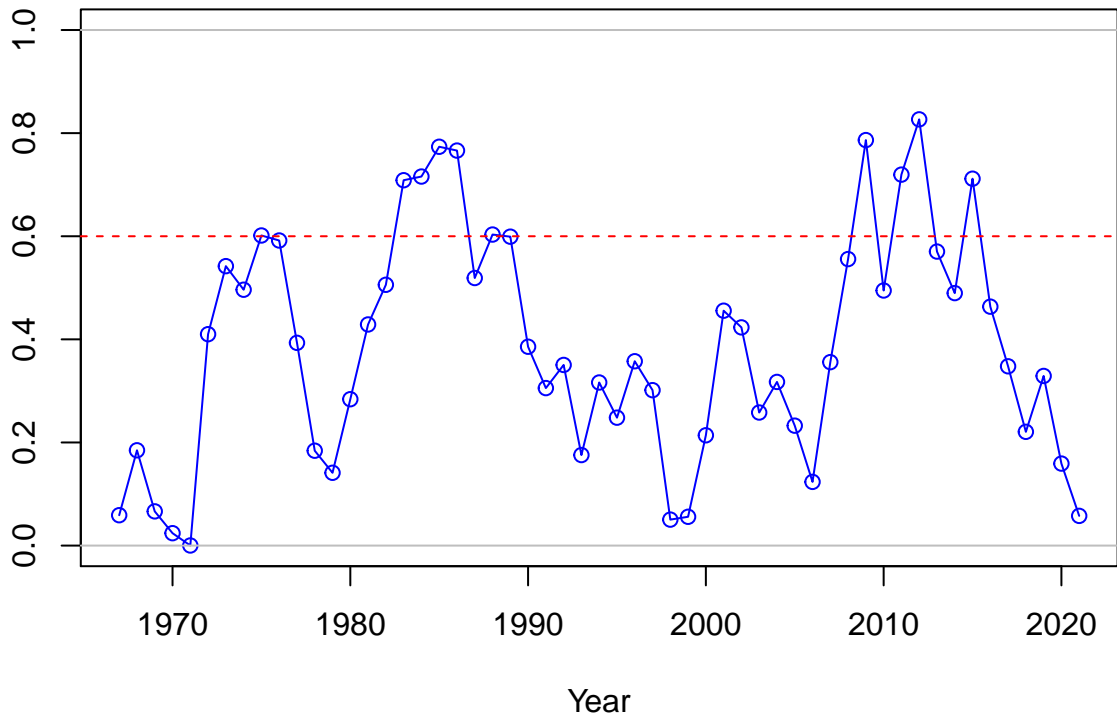




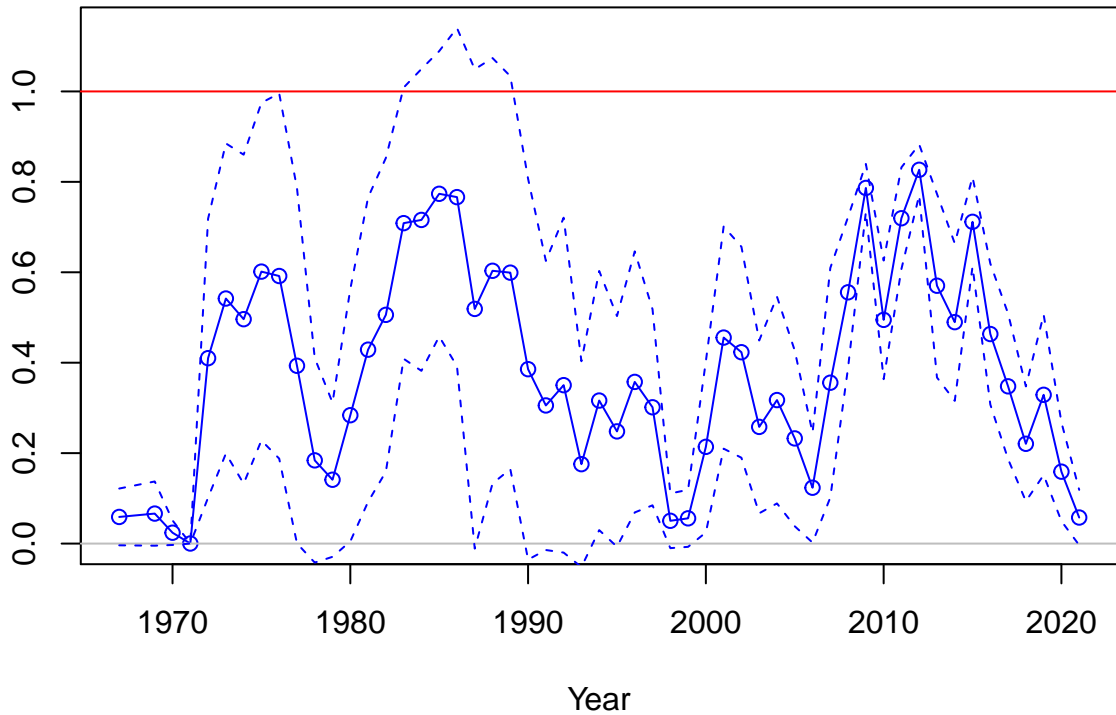
SPR



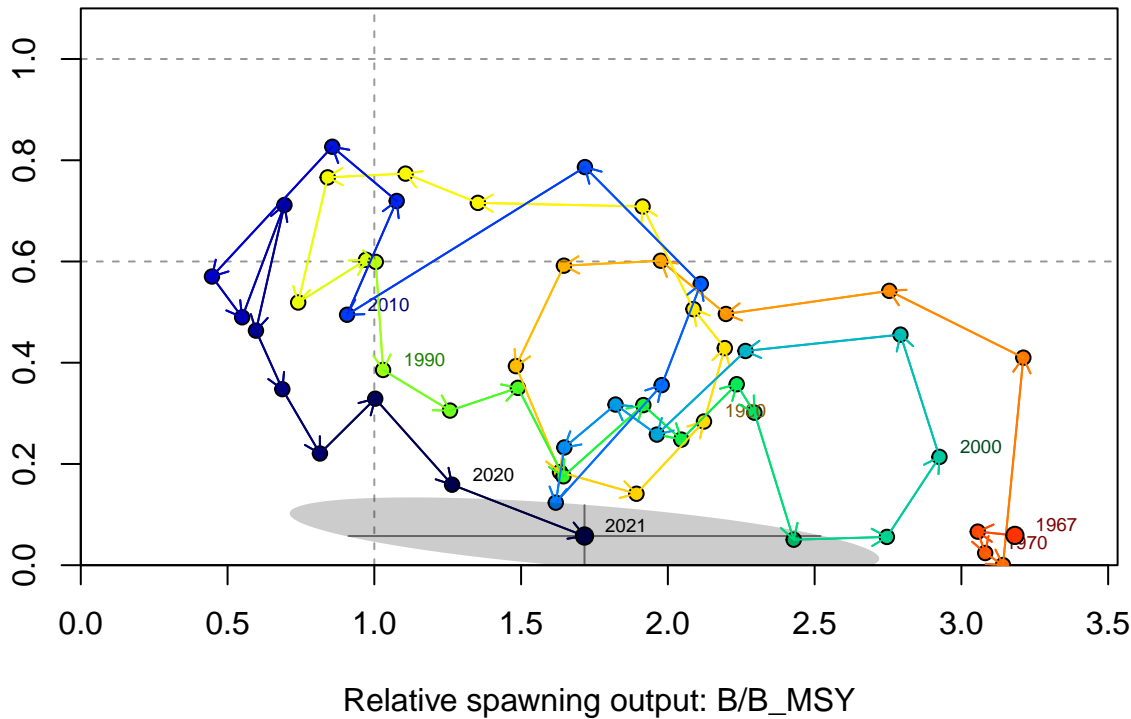
1-SPR

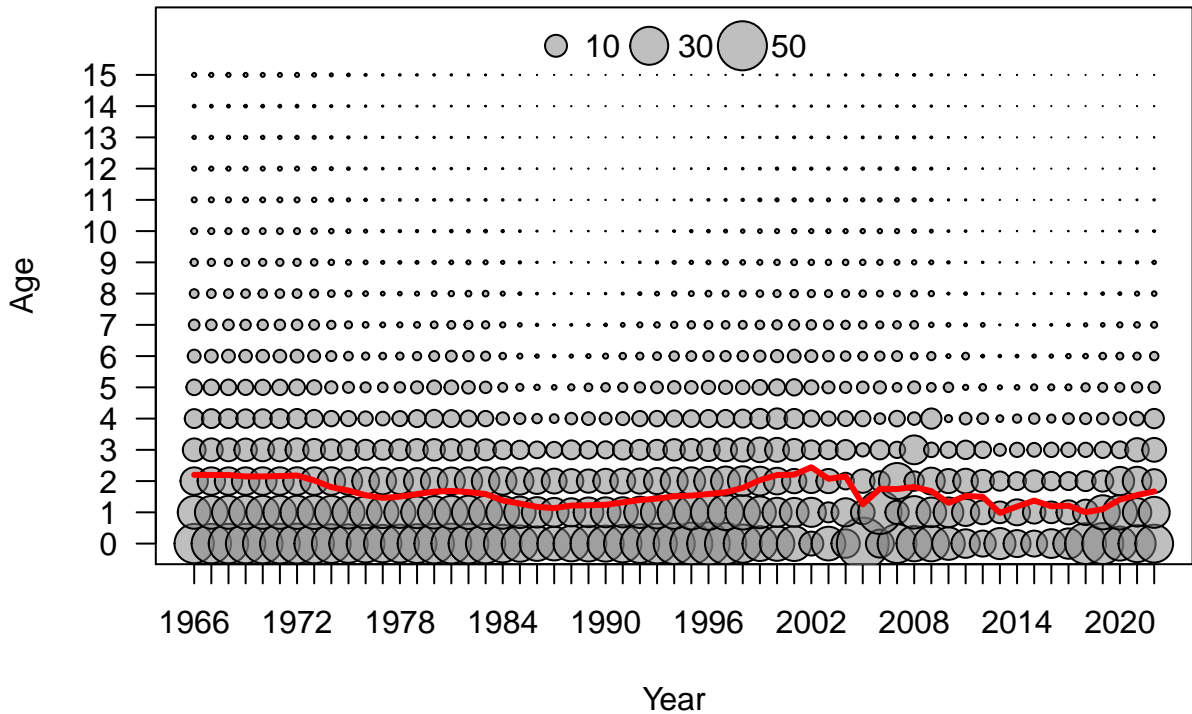


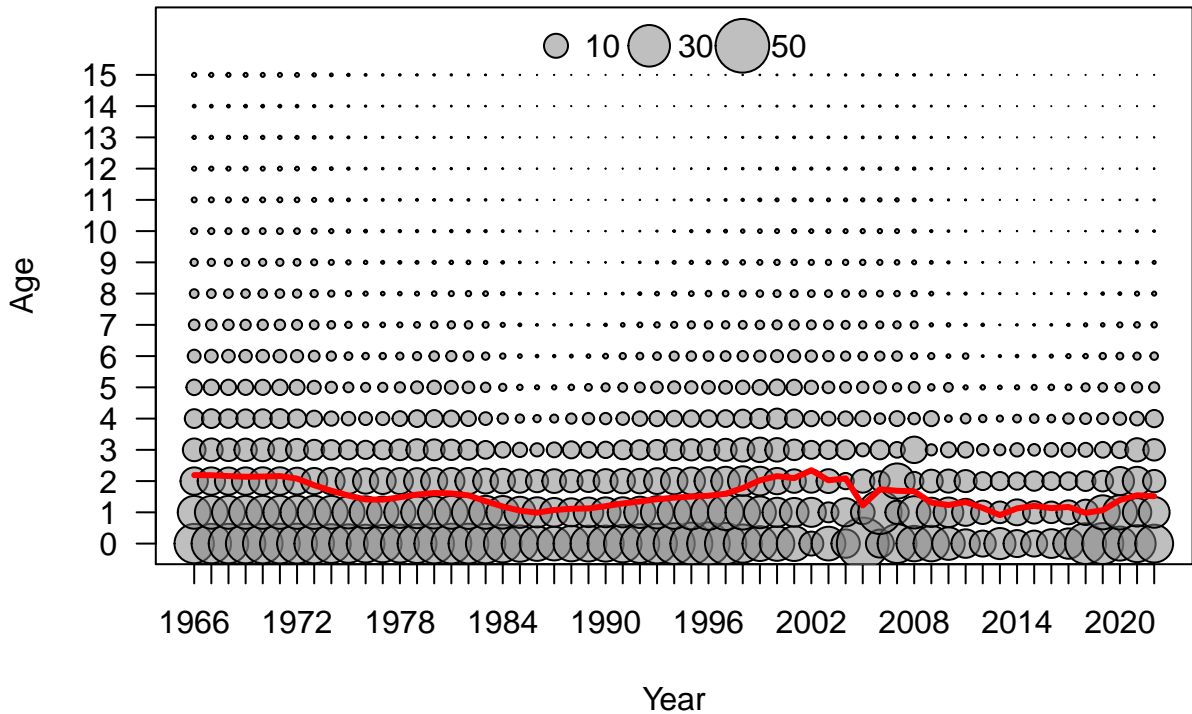
Fishing intensity: 1-SPR

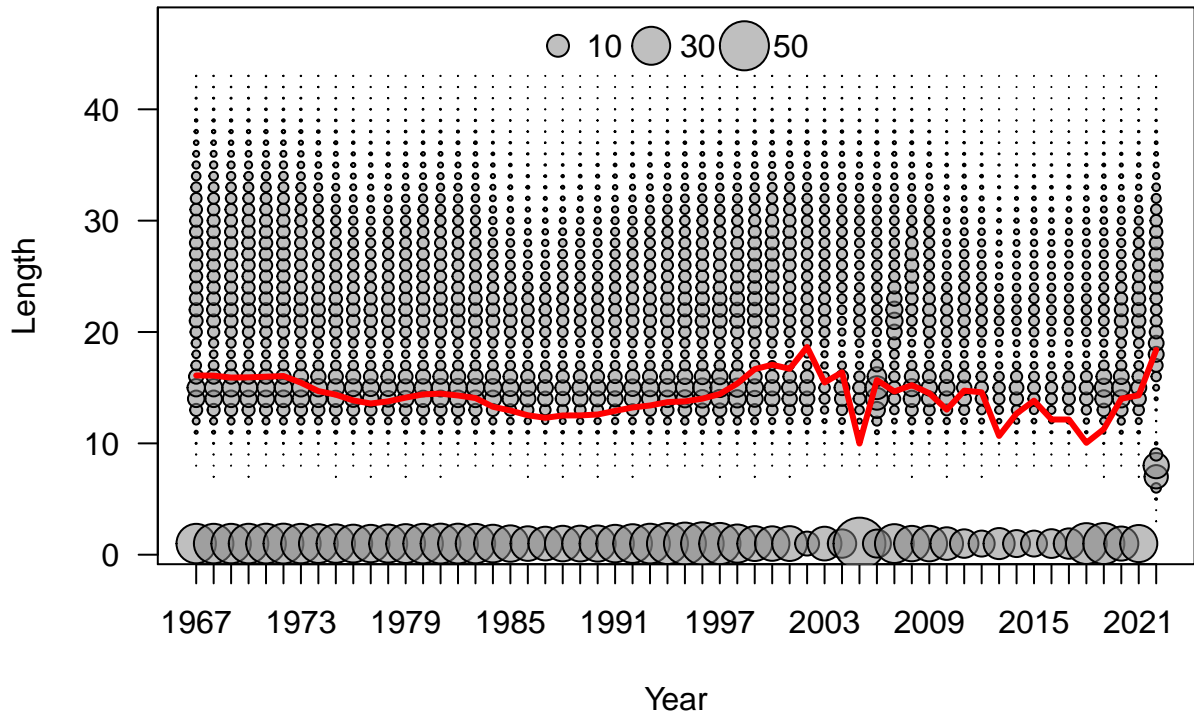


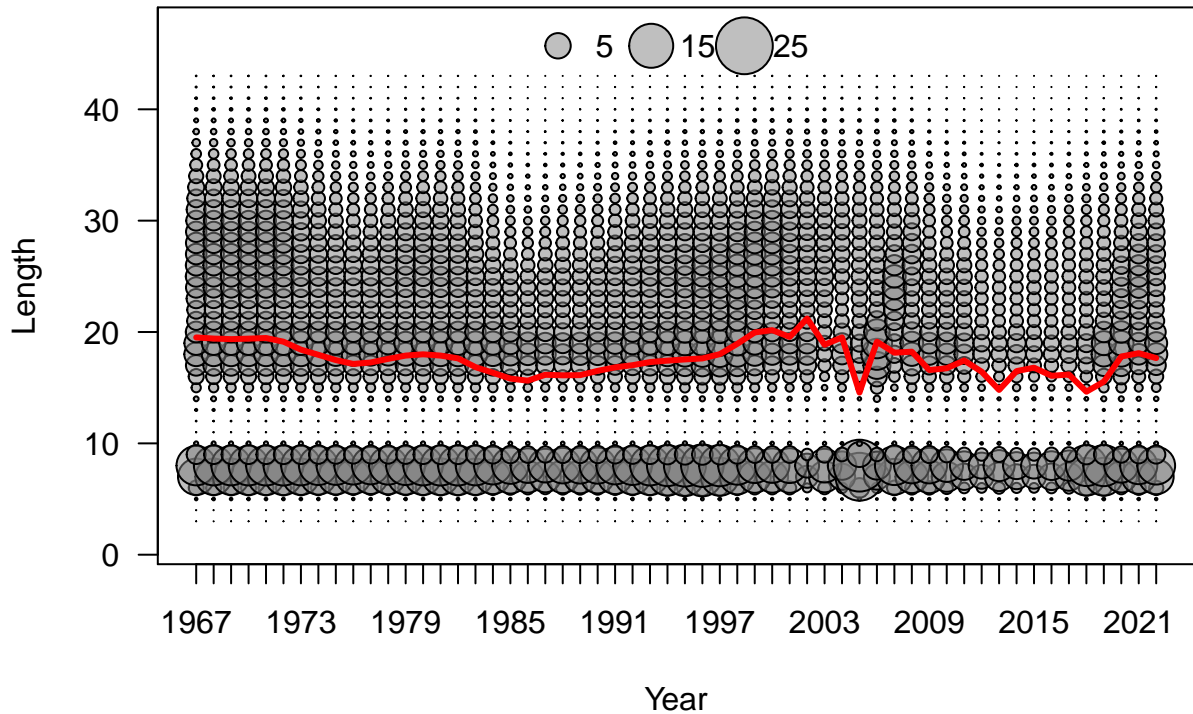
Fishing intensity: 1-SPR



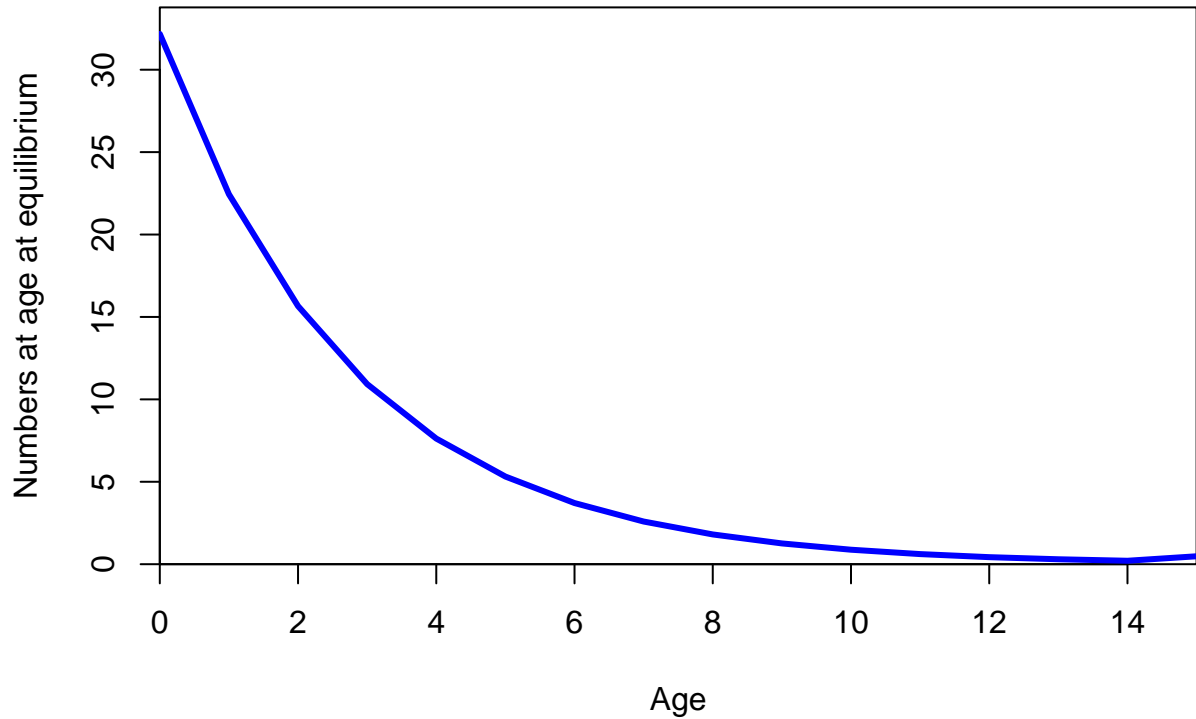






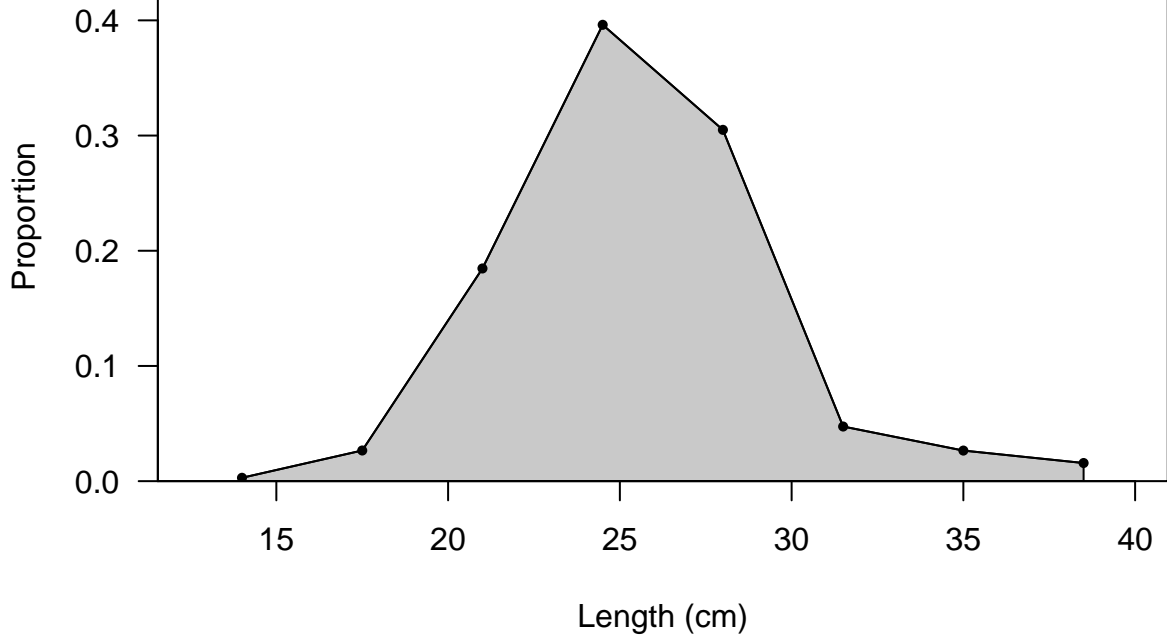


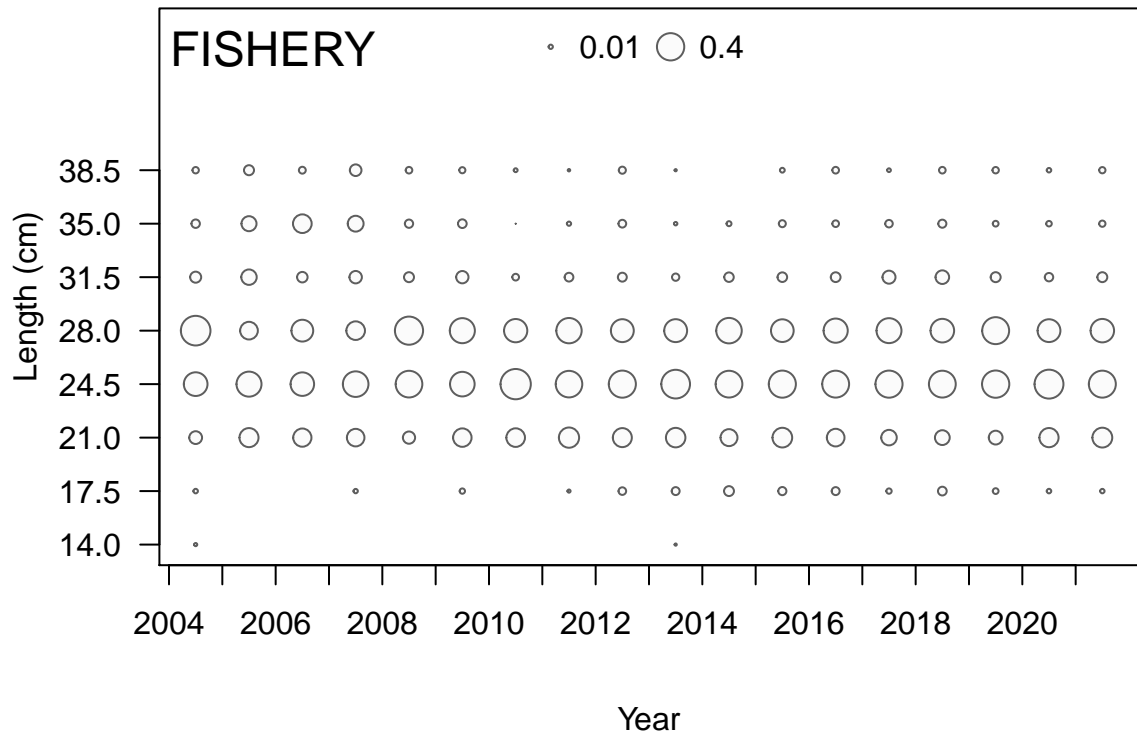




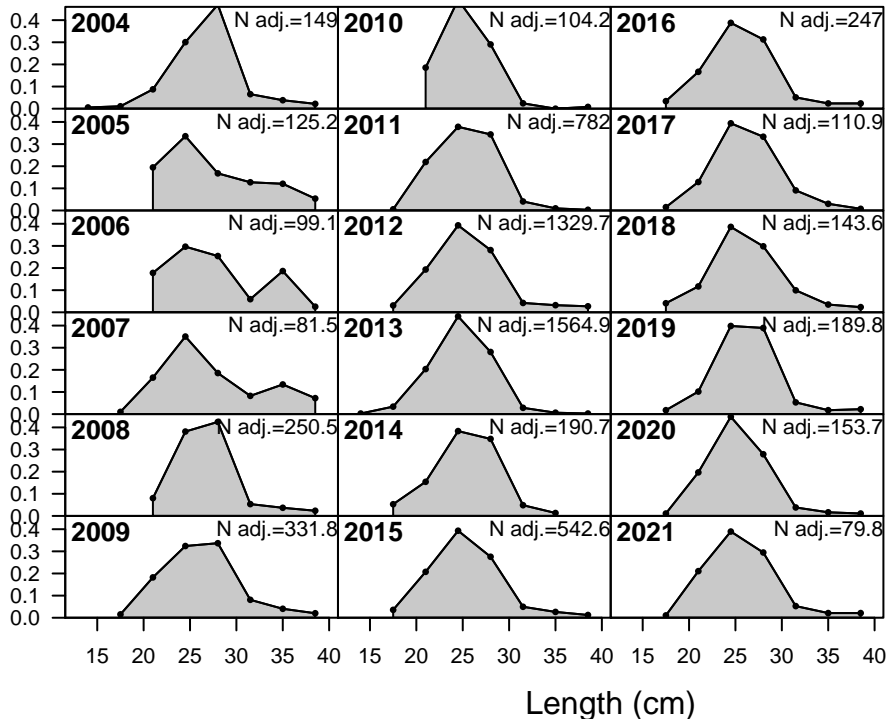
**FISHERY**

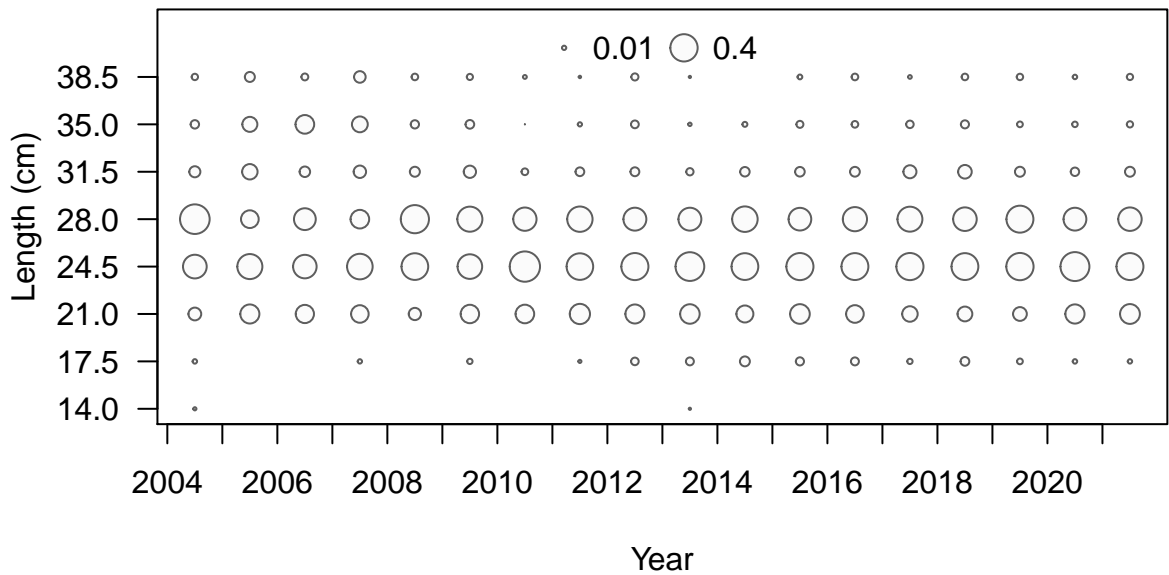
Sum of N adj.=6476



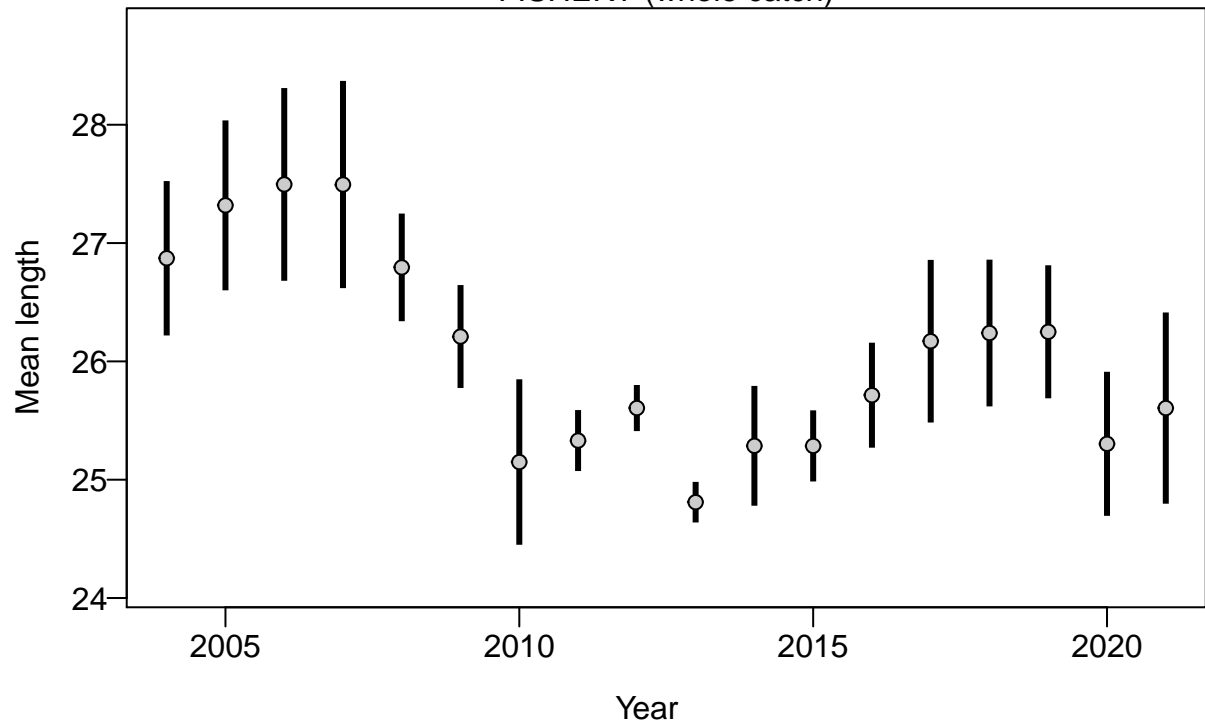


Proportion



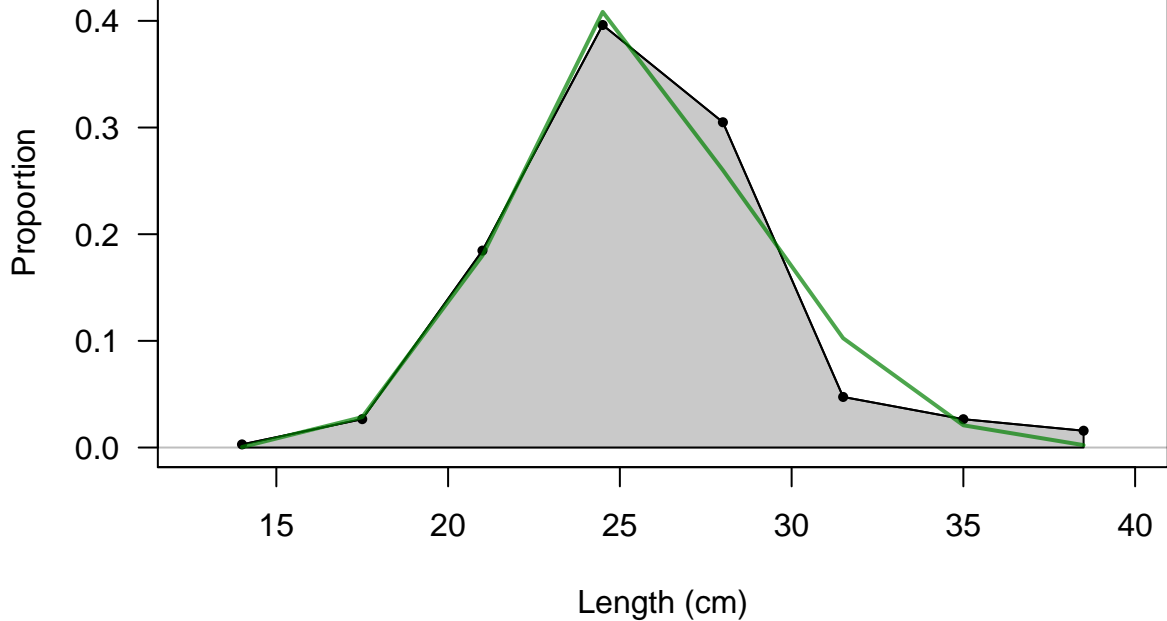


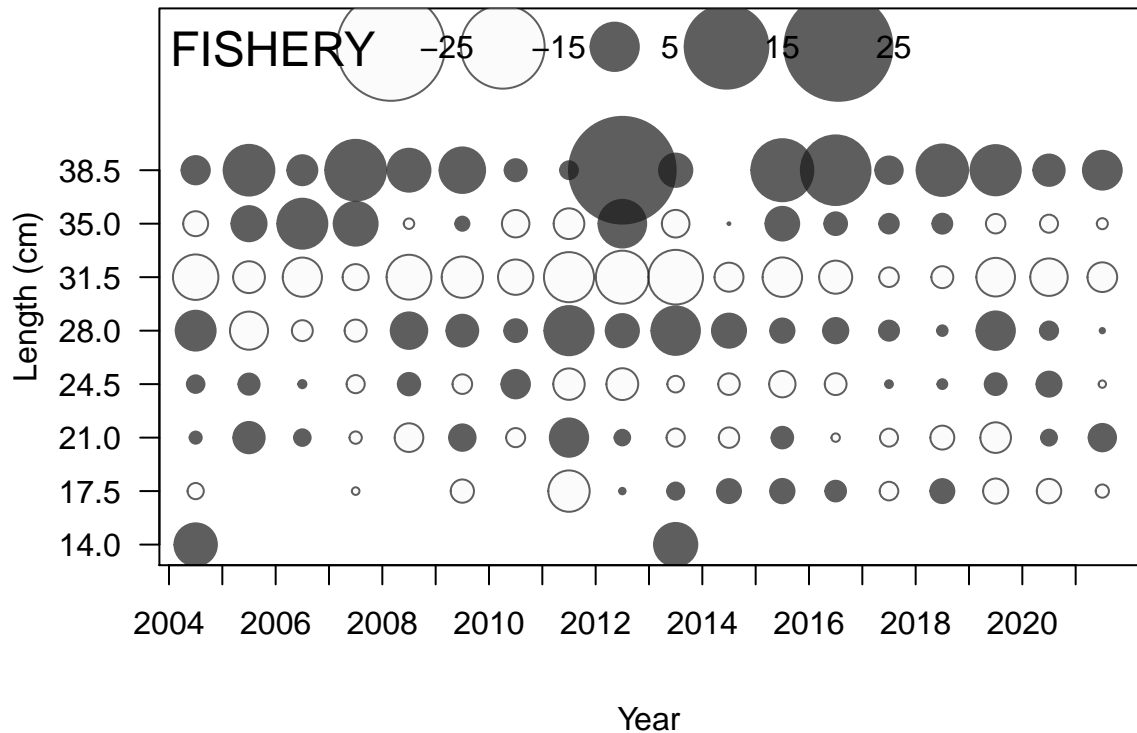
## FISHERY (whole catch)



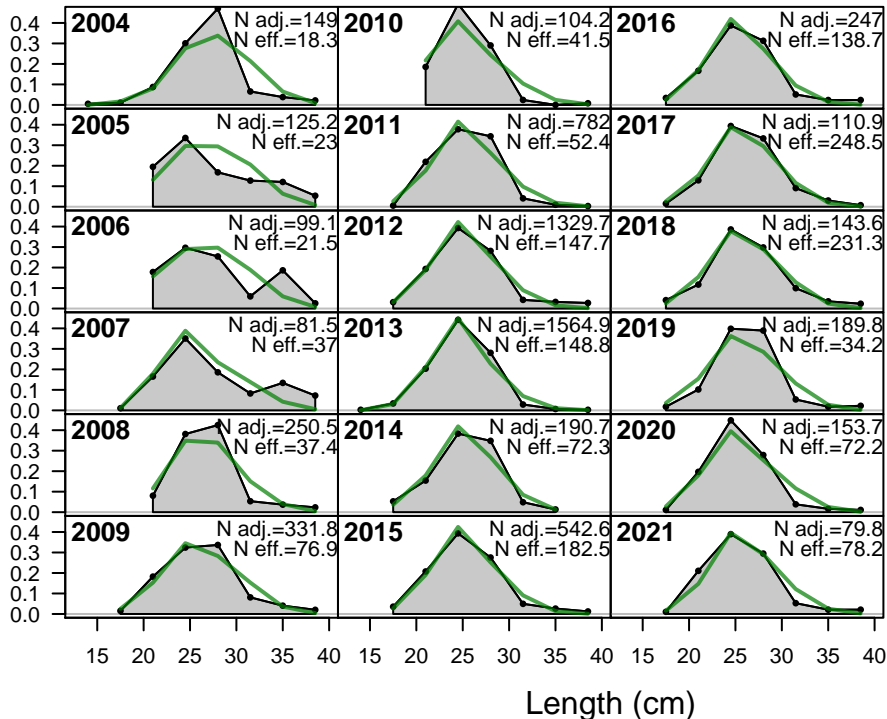
# FISHERY

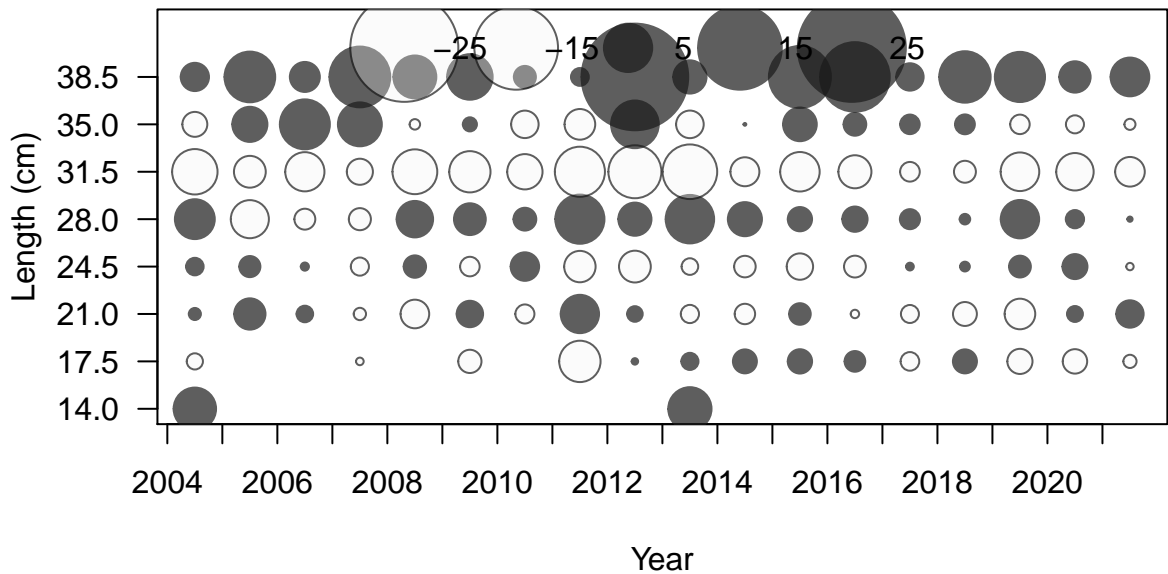
Sum of N adj.=6476  
Sum of N eff.=1662.5



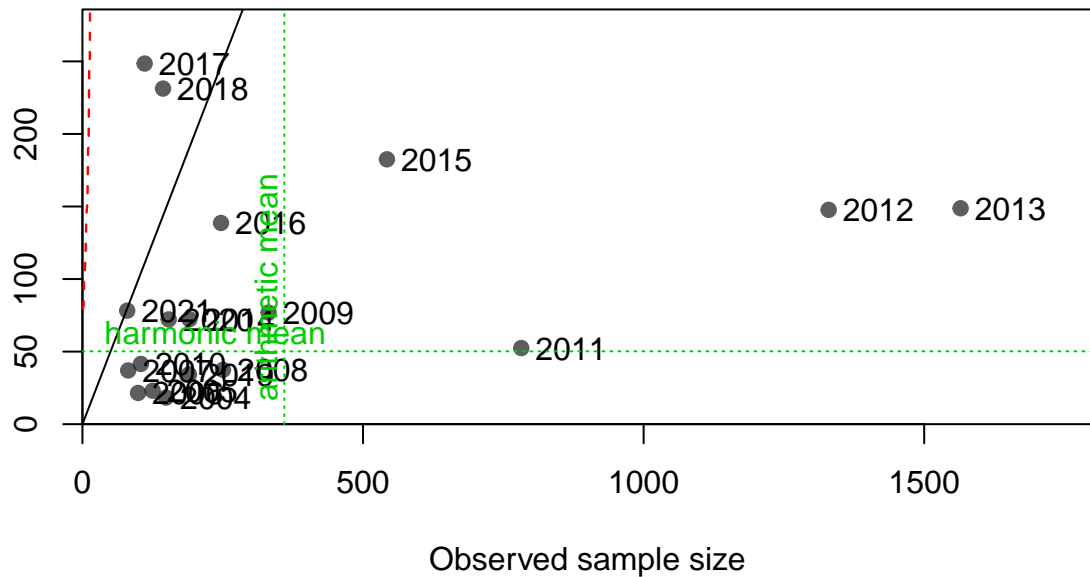




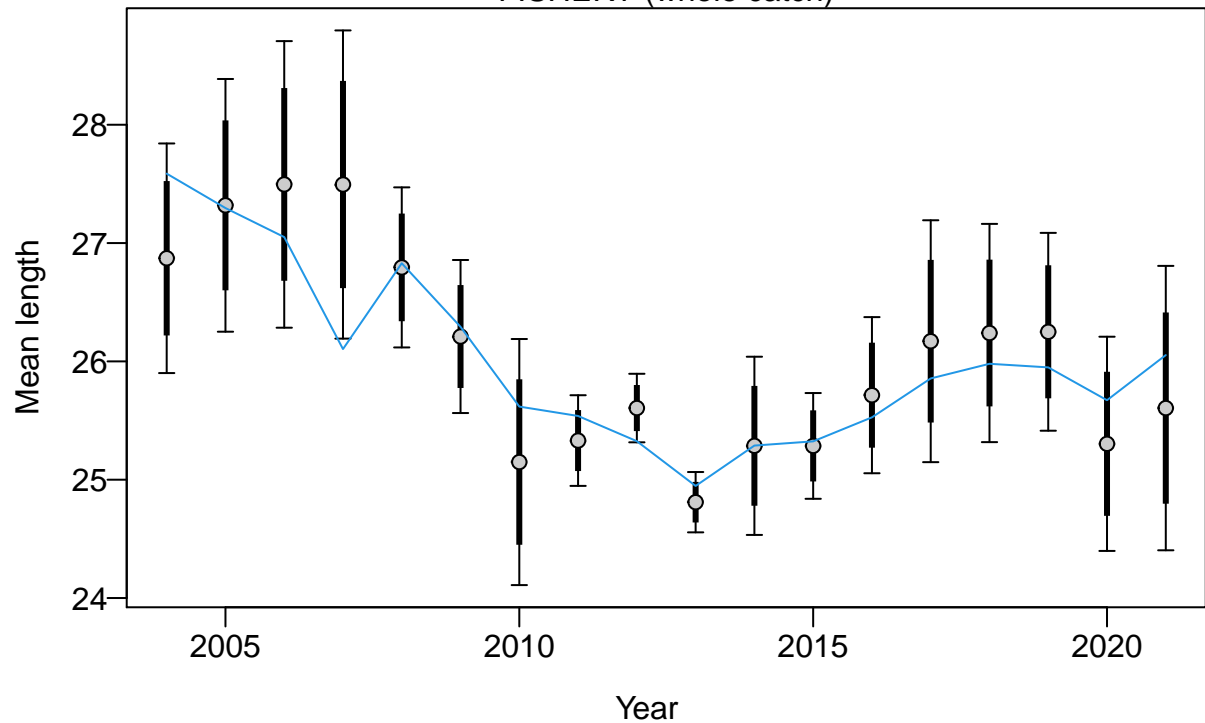


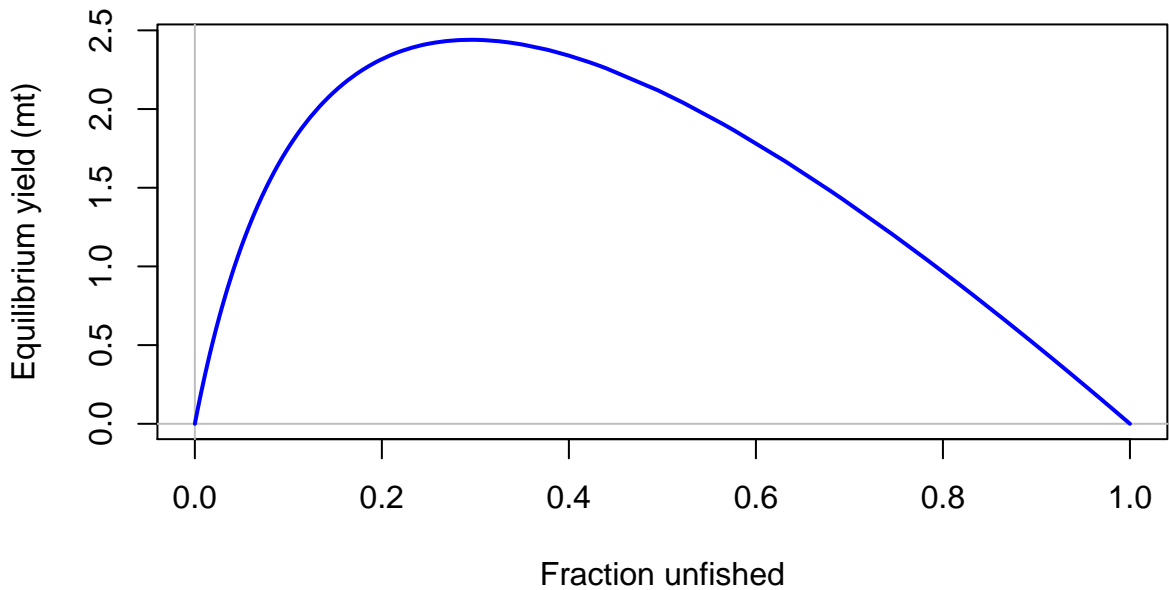


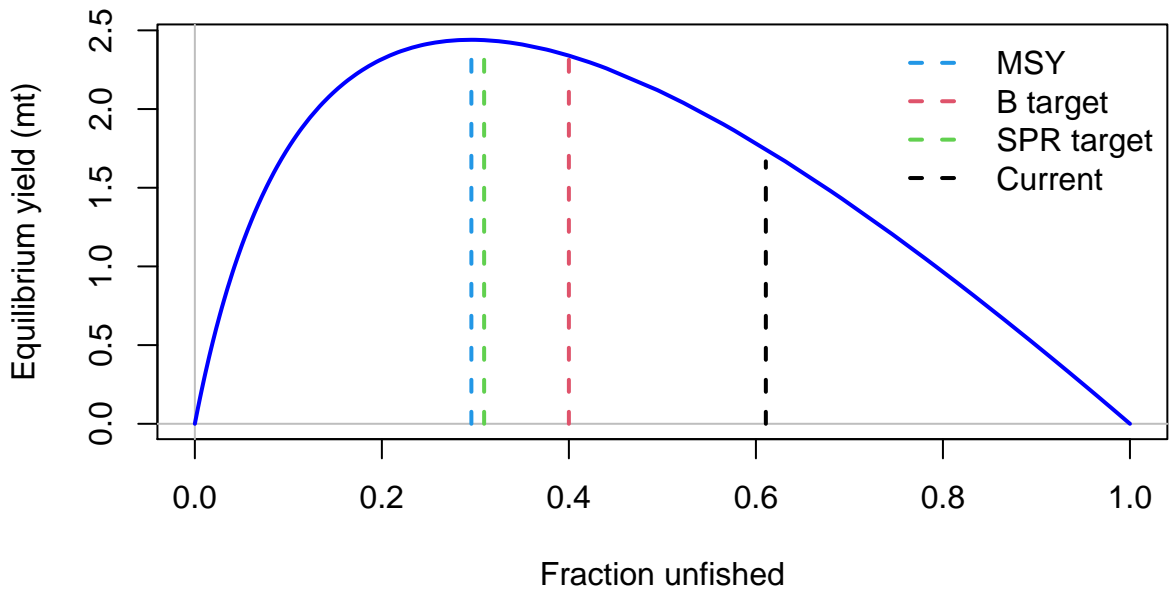
Effective sample size

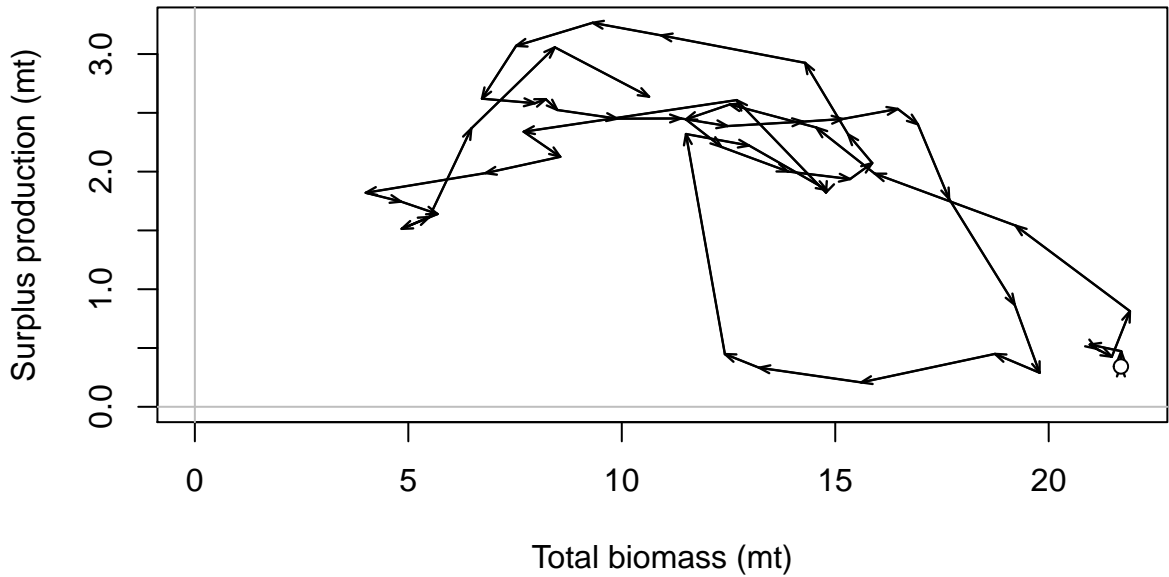


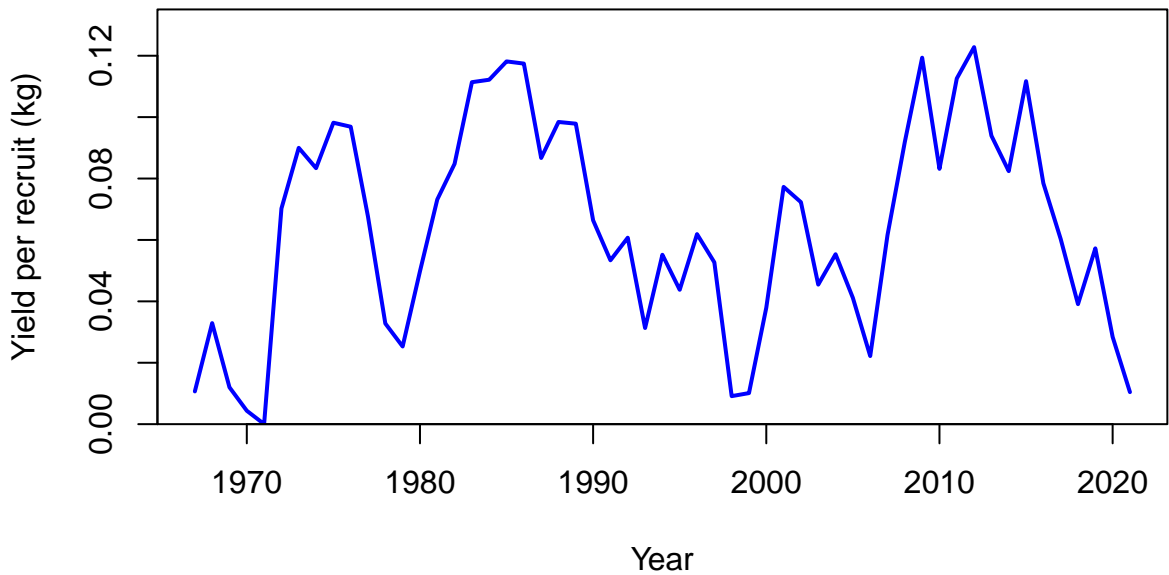
## FISHERY (whole catch)



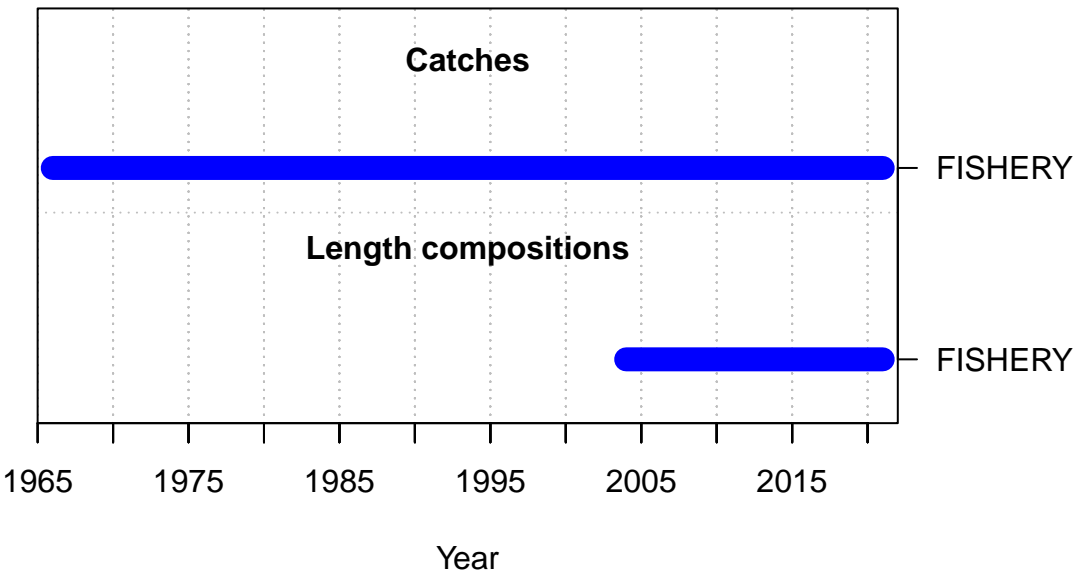


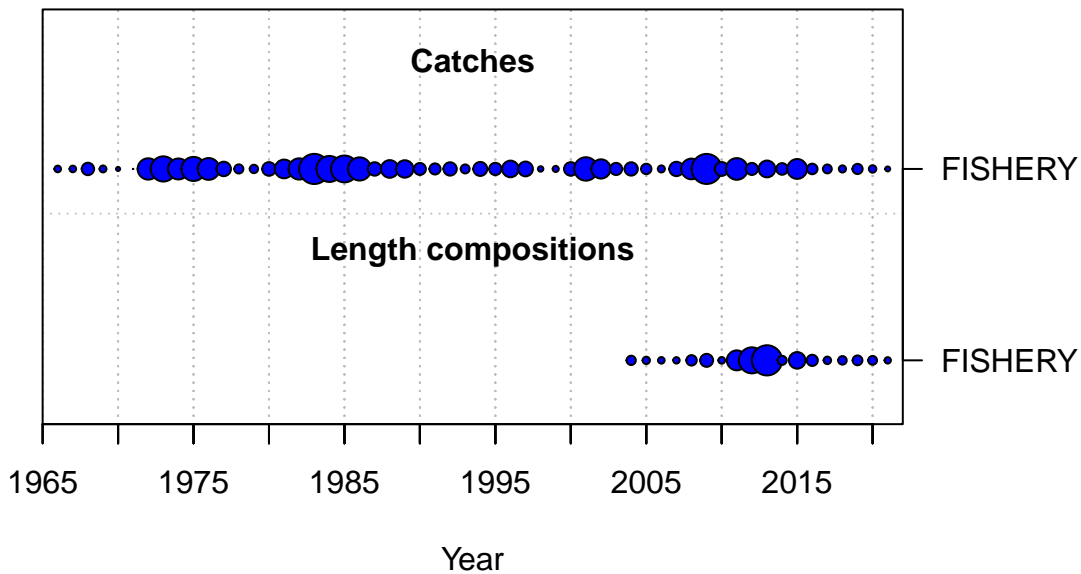




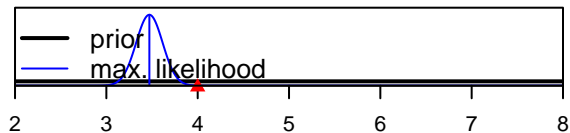




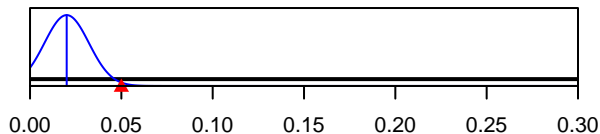




SR\_LN(R0)



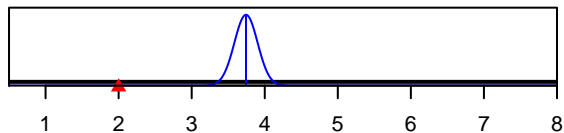
InitF\_seas\_1\_flt\_1FISHERY



Size\_inflection\_FISHERY(1)



Size\_95%width\_FISHERY(1)



Parameter value