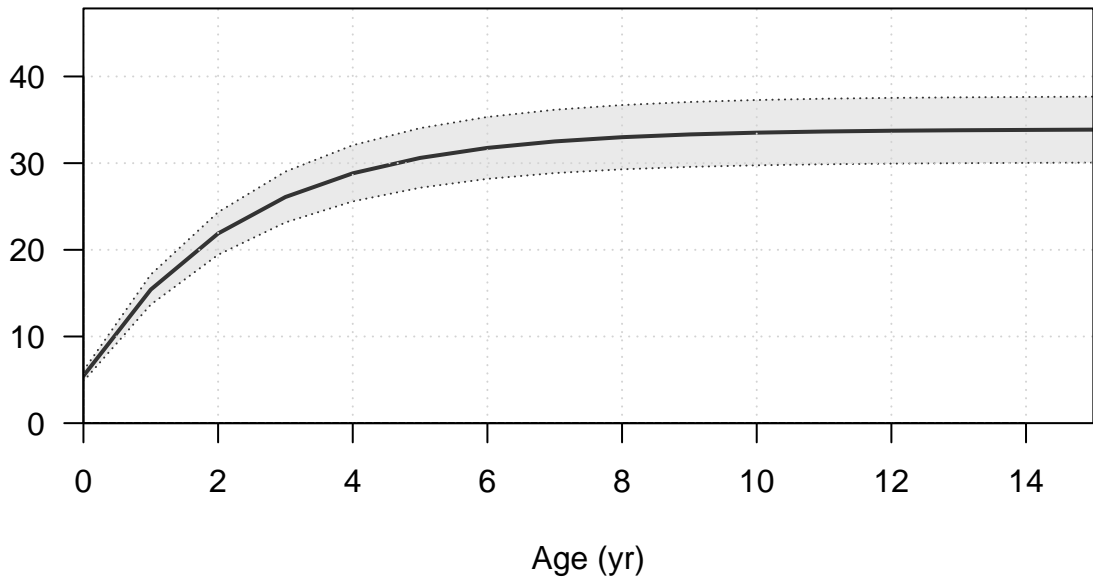
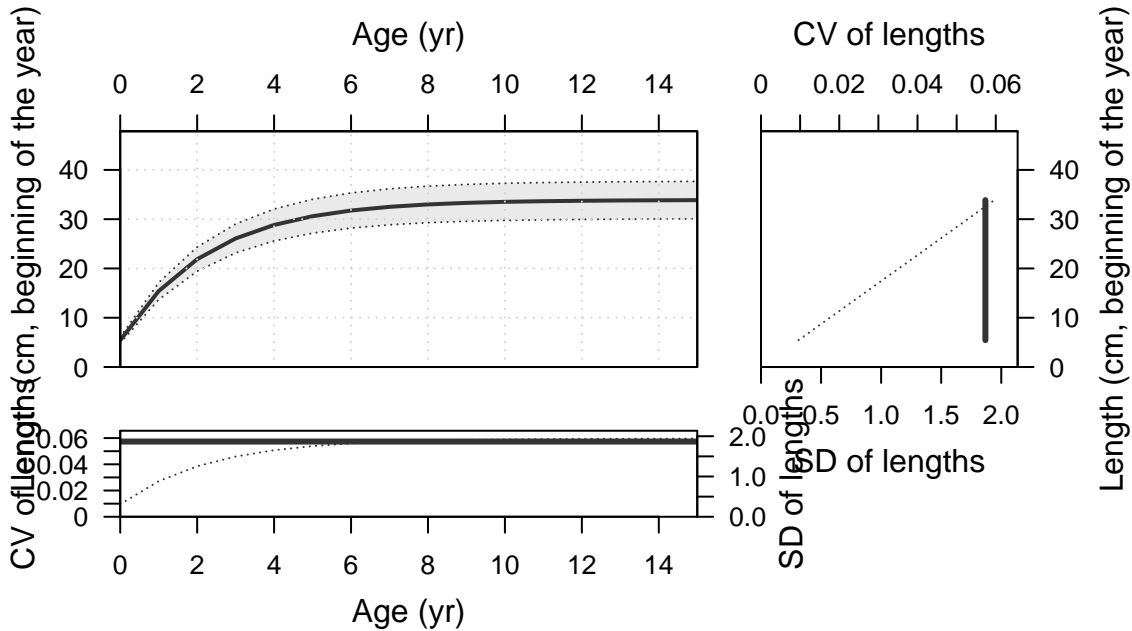
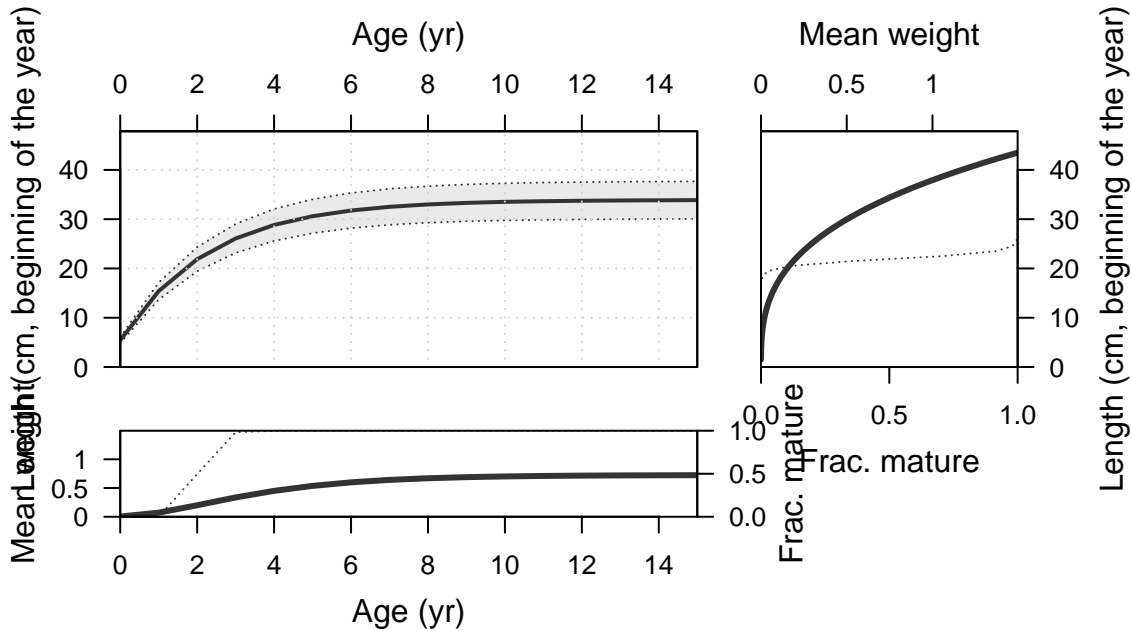


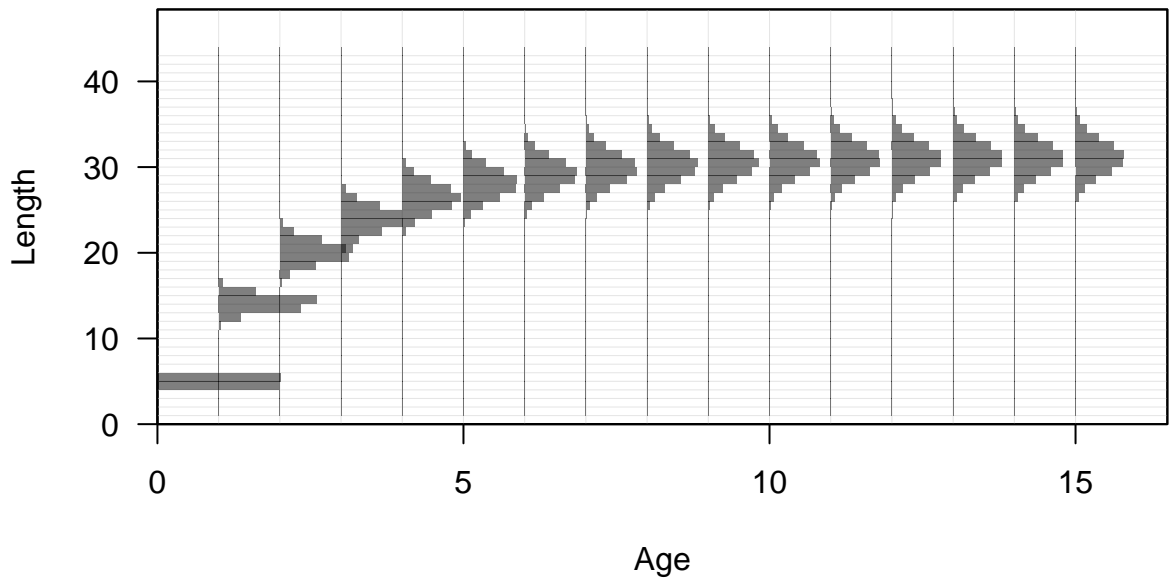
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Tue Aug 16 13:04:32 2022  
Data\_File: data.ss  
Control\_File: control.ss

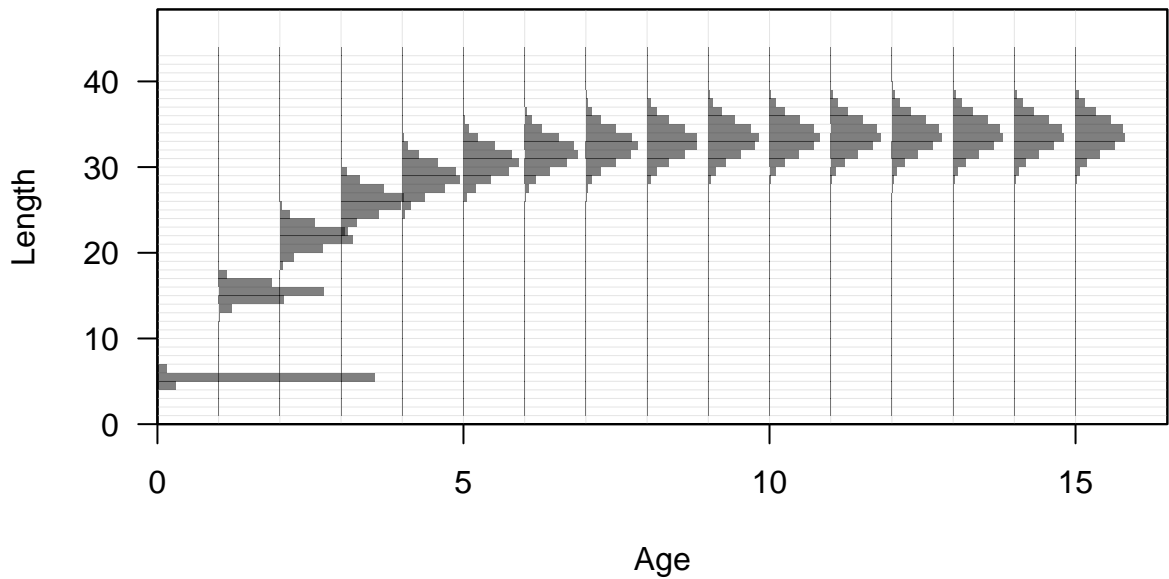
Length (cm, beginning of the year)

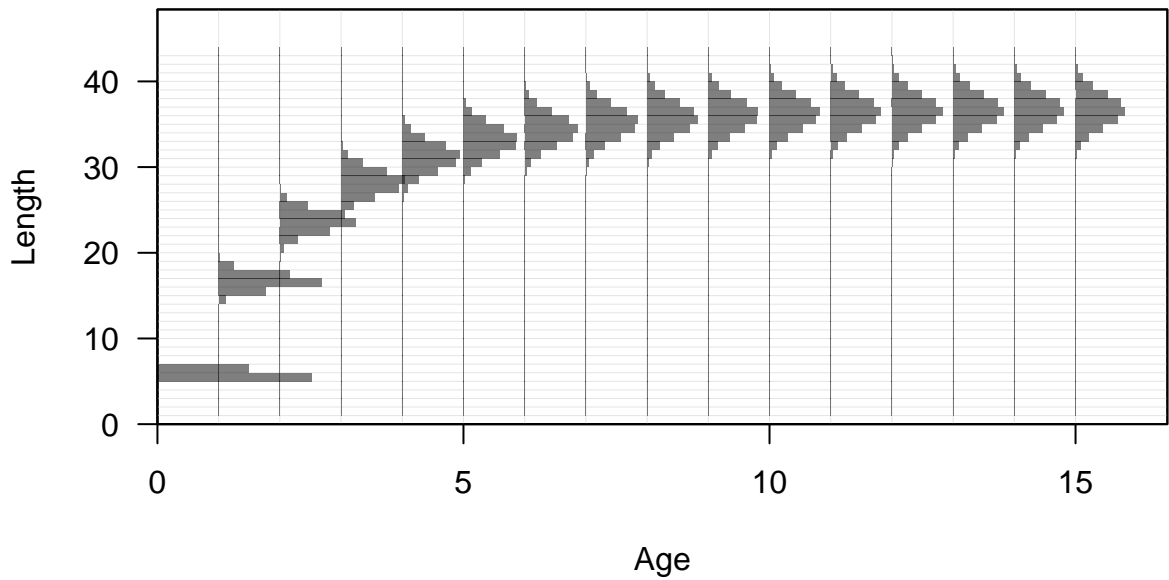


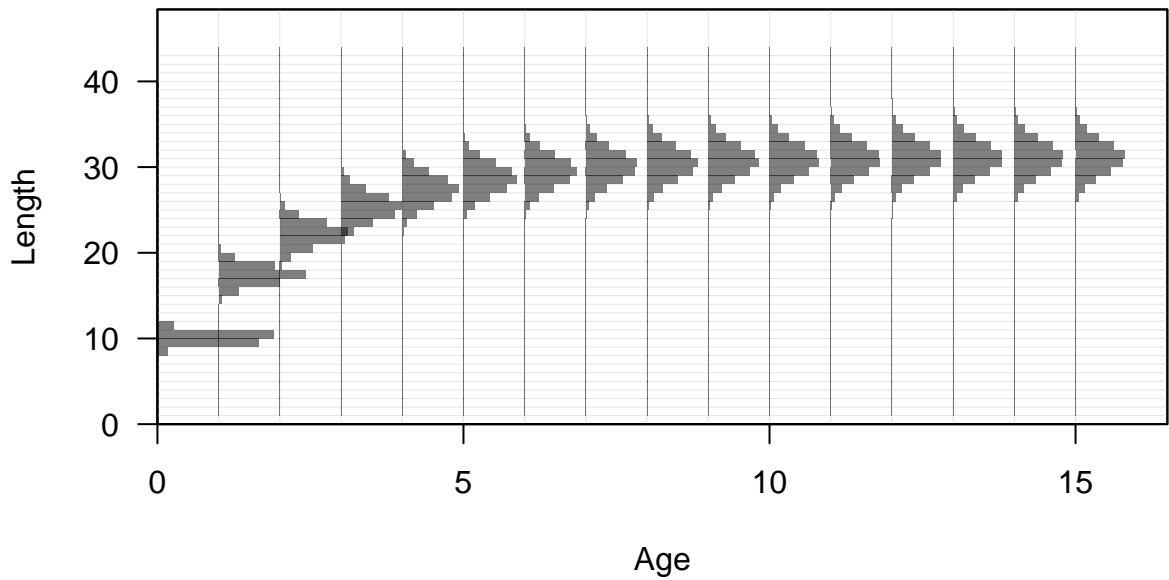




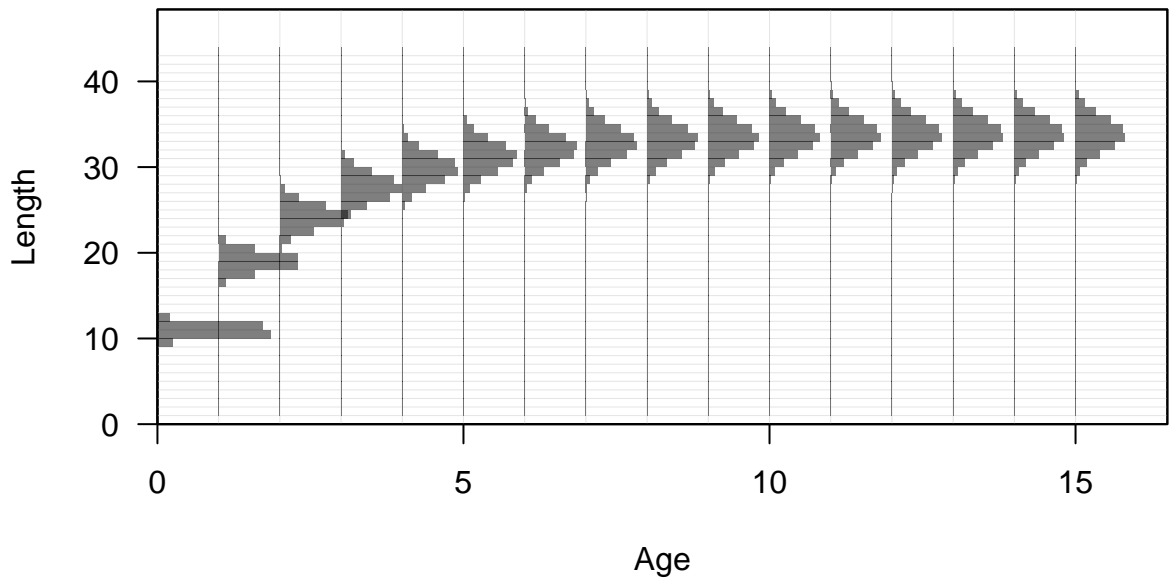


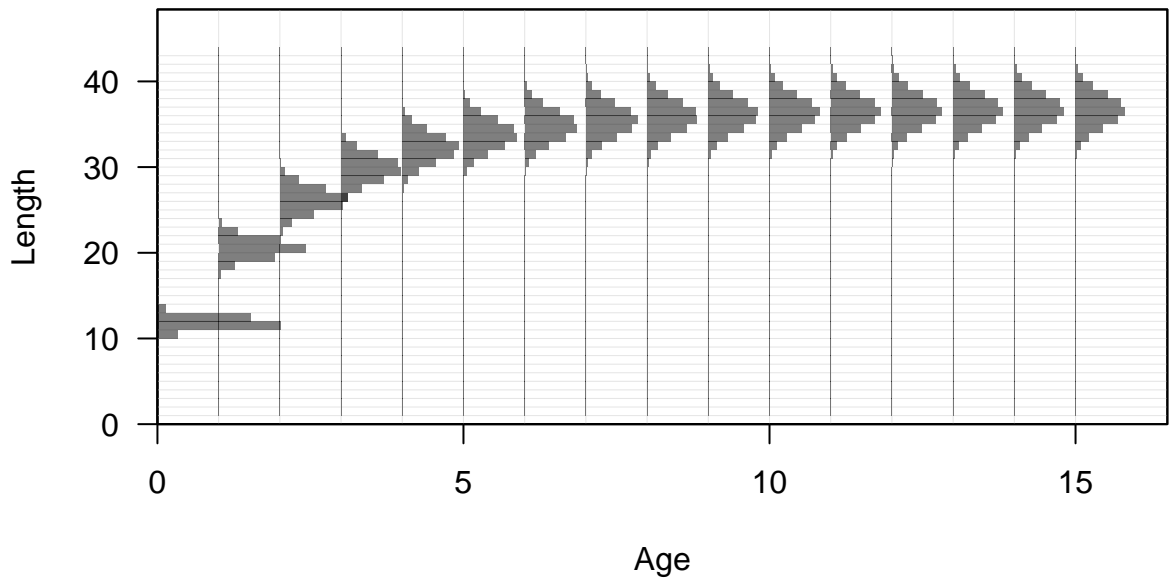


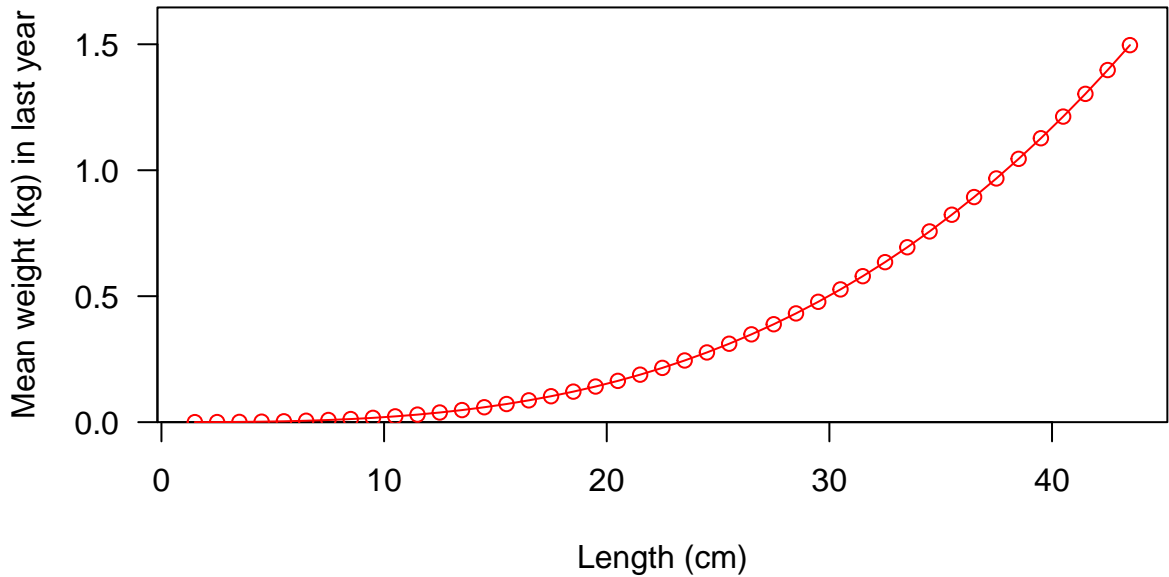


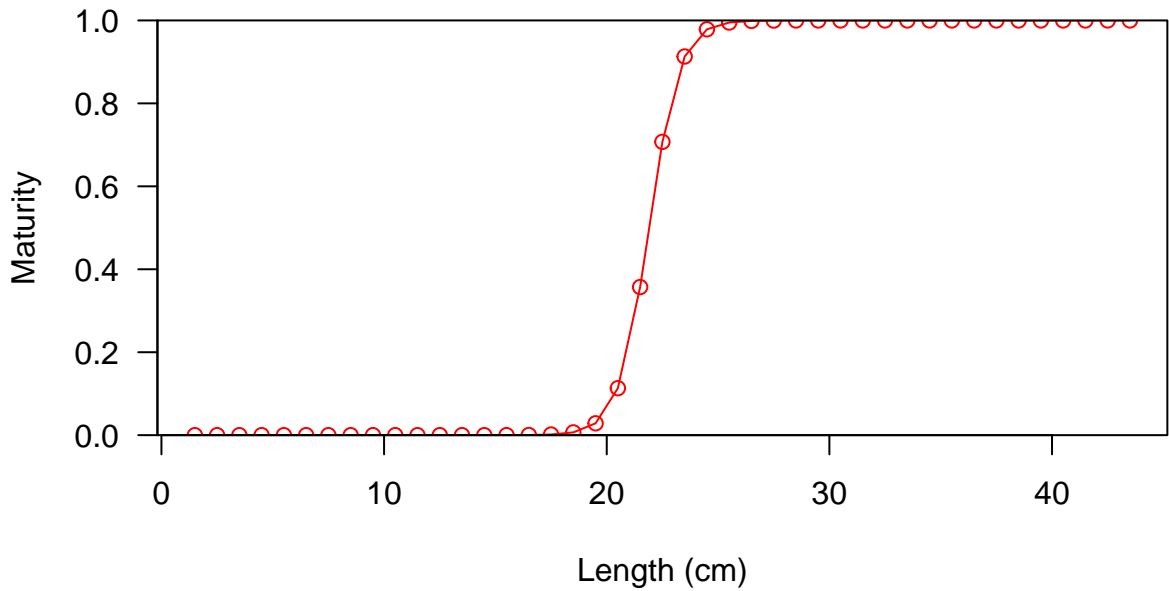


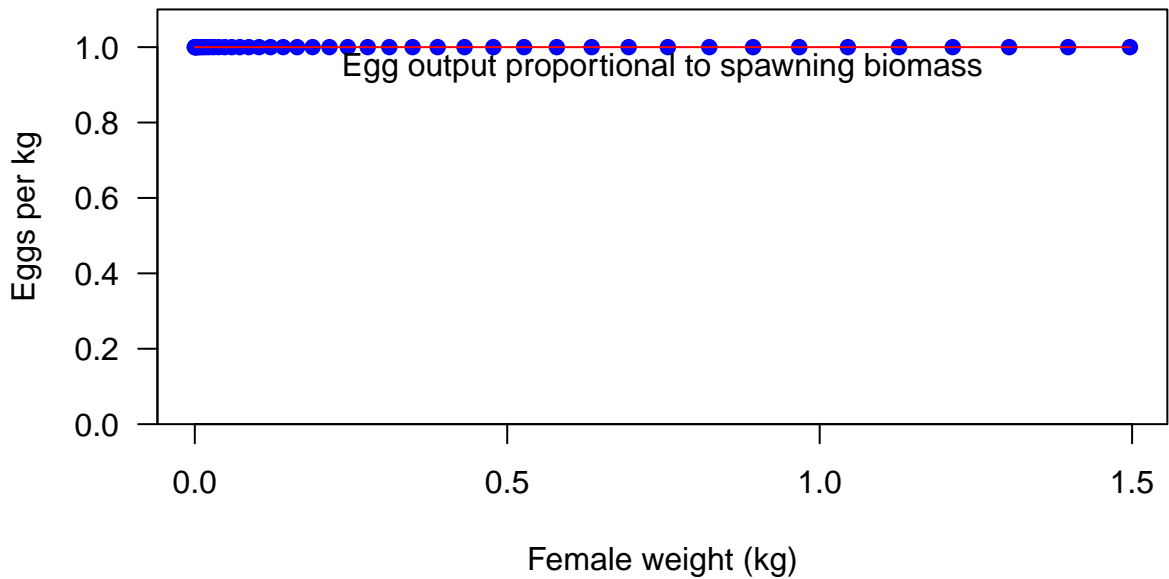


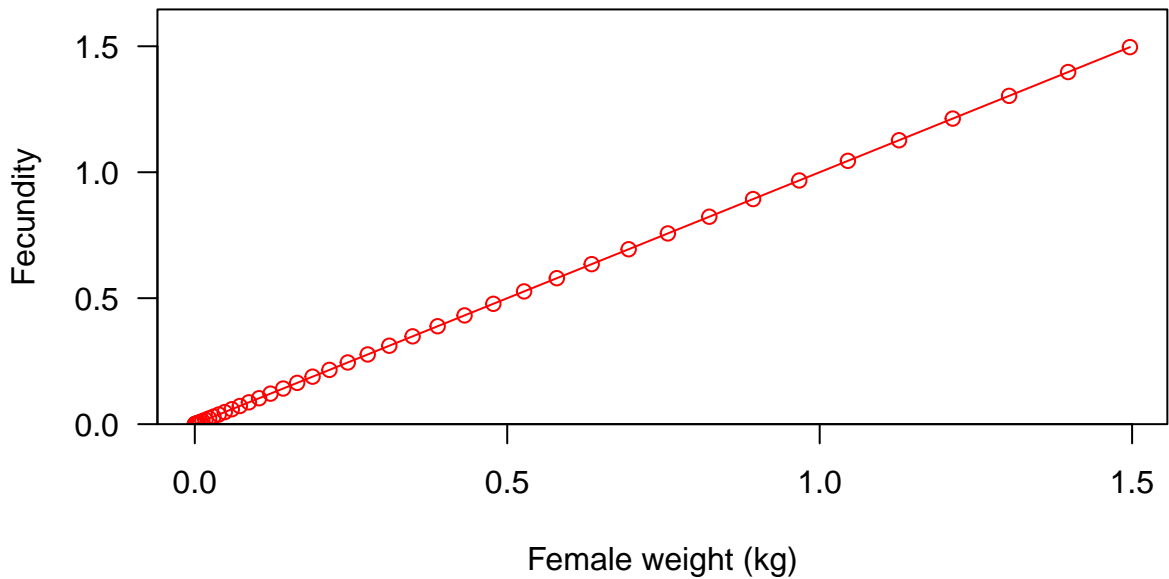


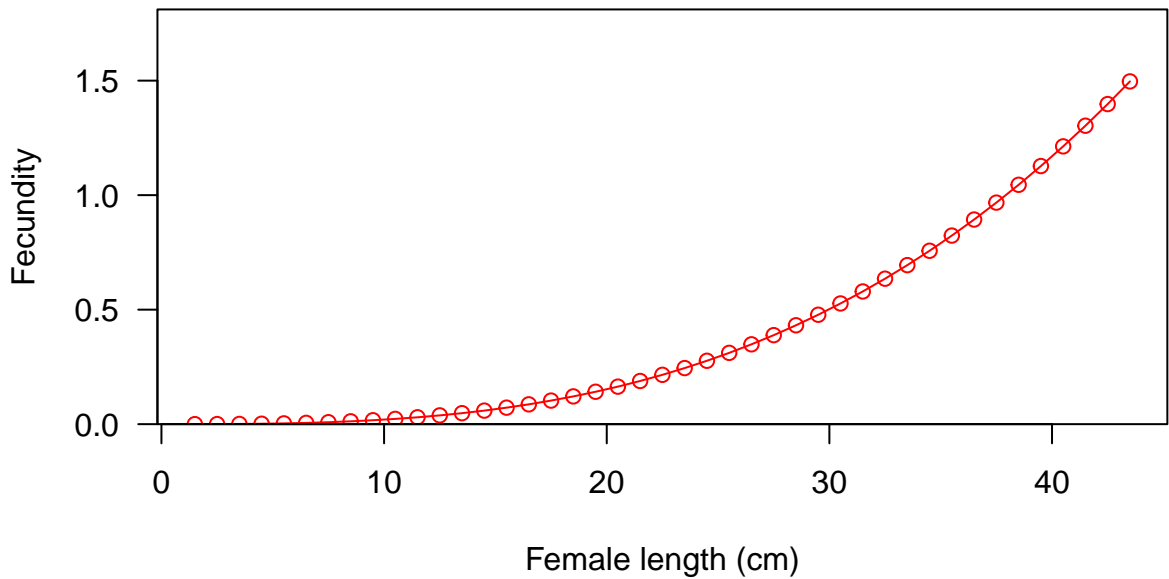


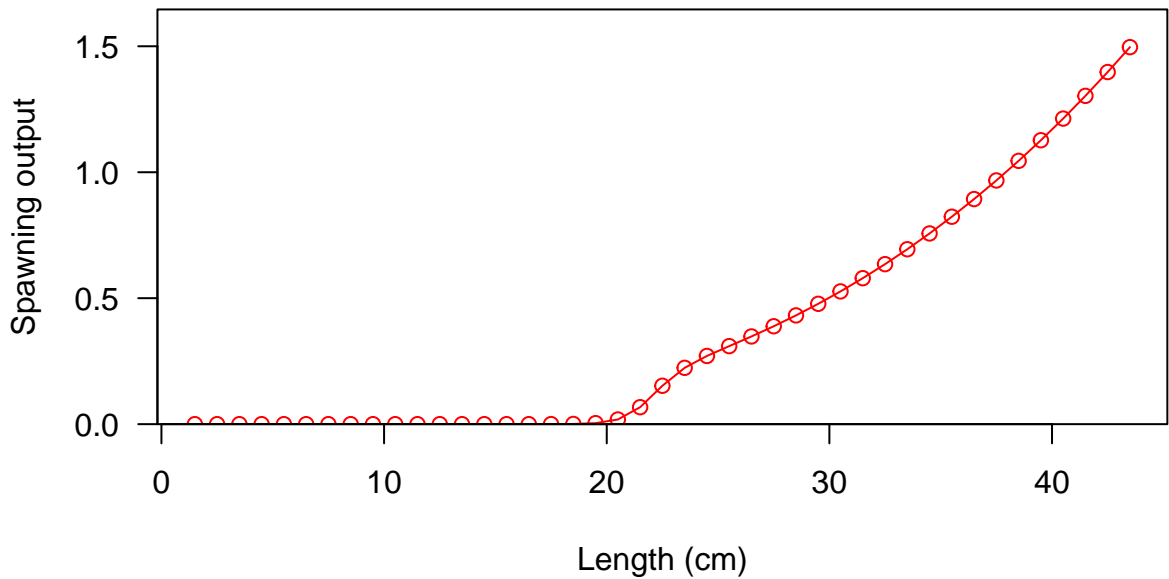




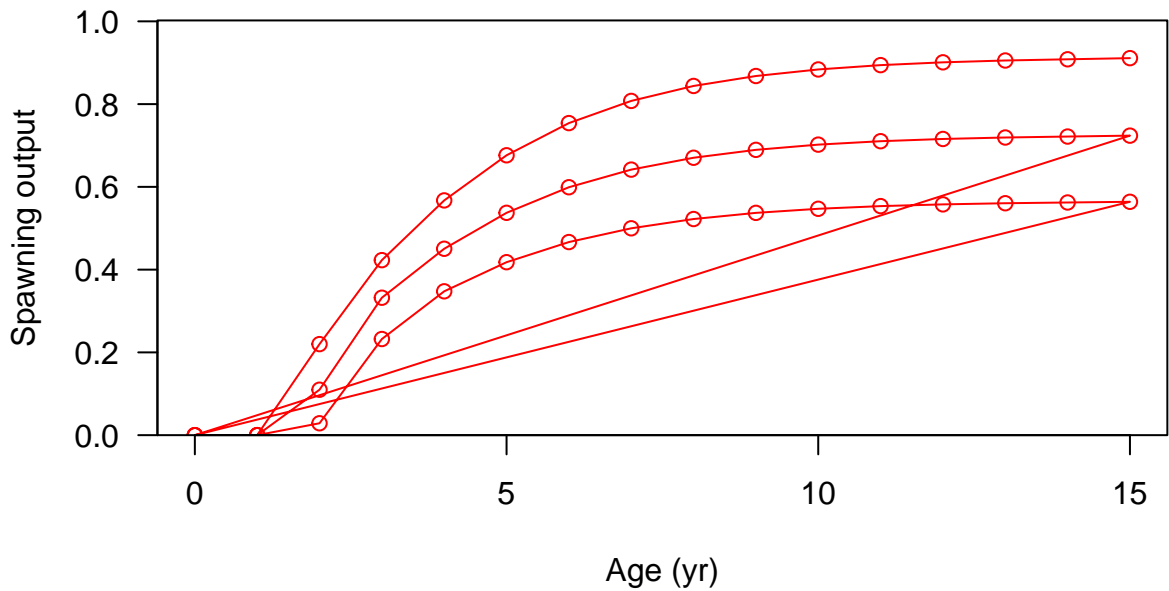




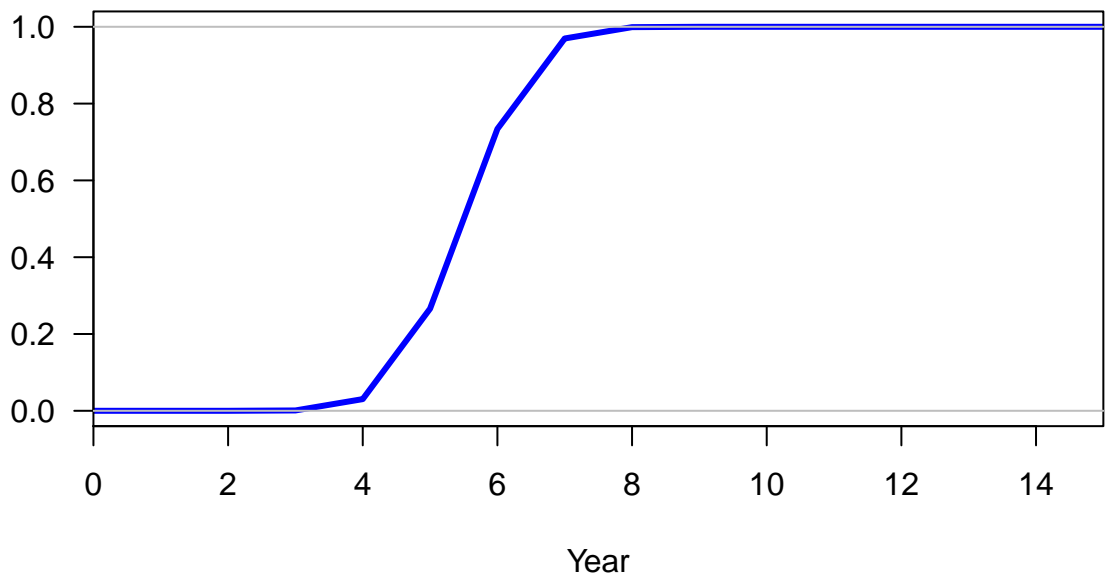




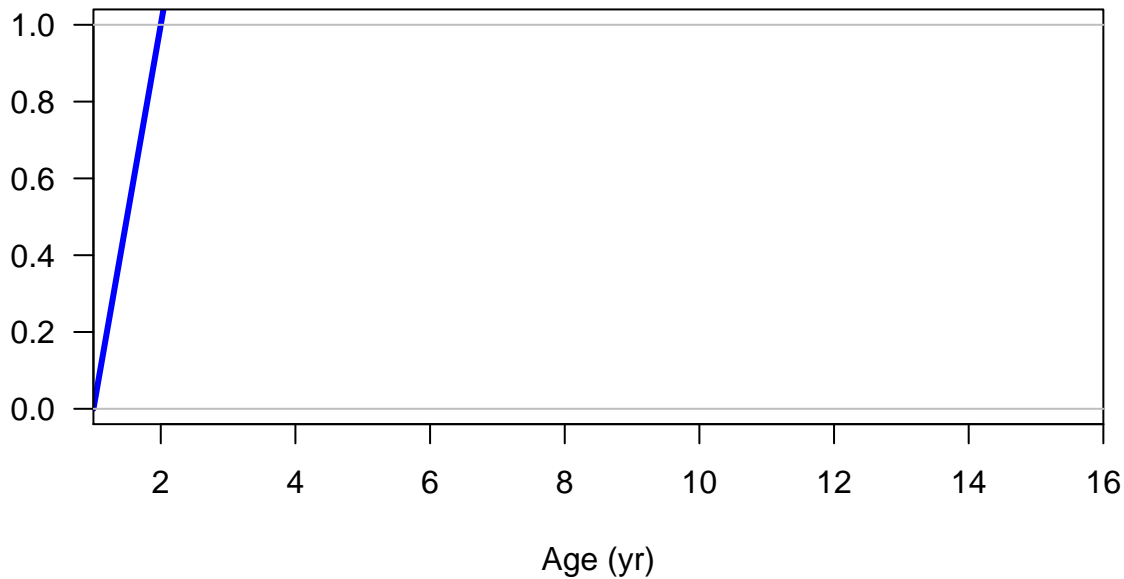




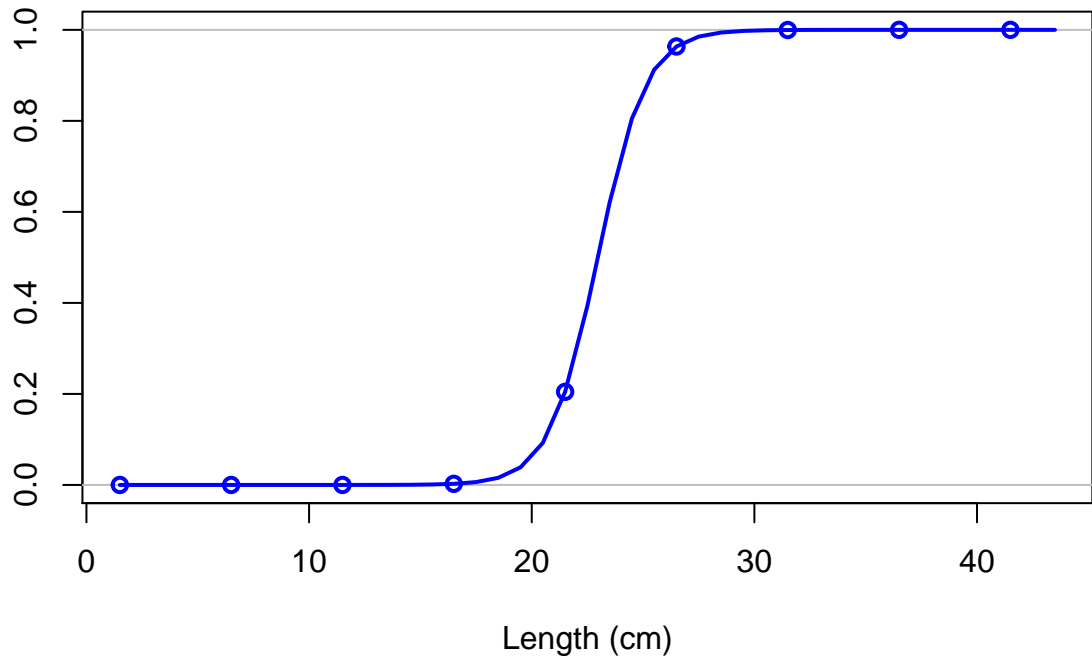
Hermaphroditism transition rate



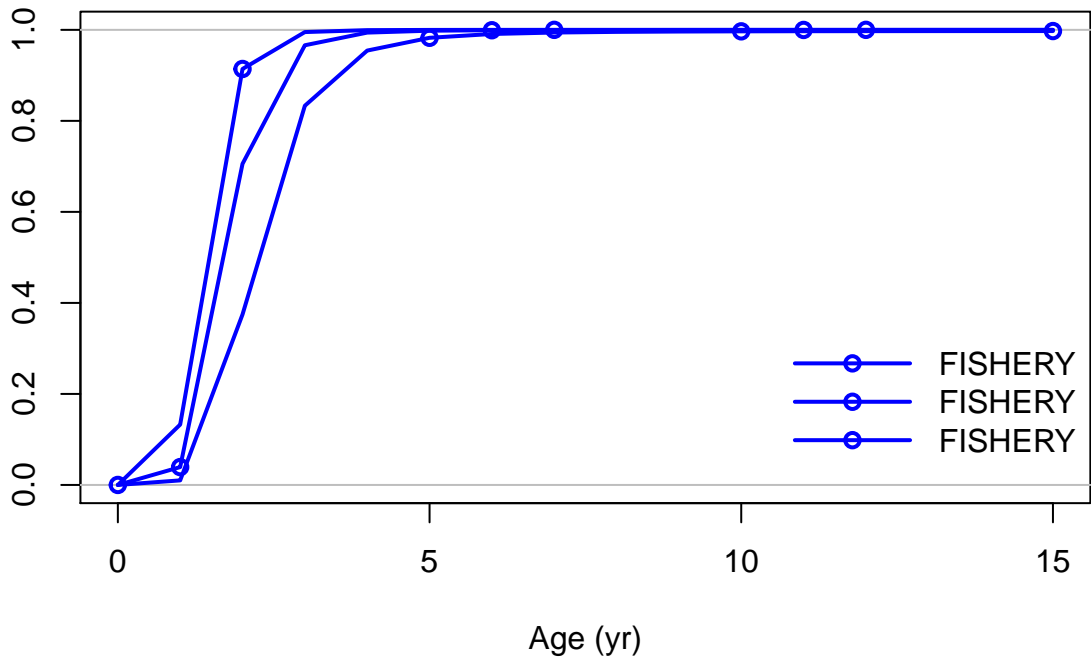
Fraction females by age at equilibrium



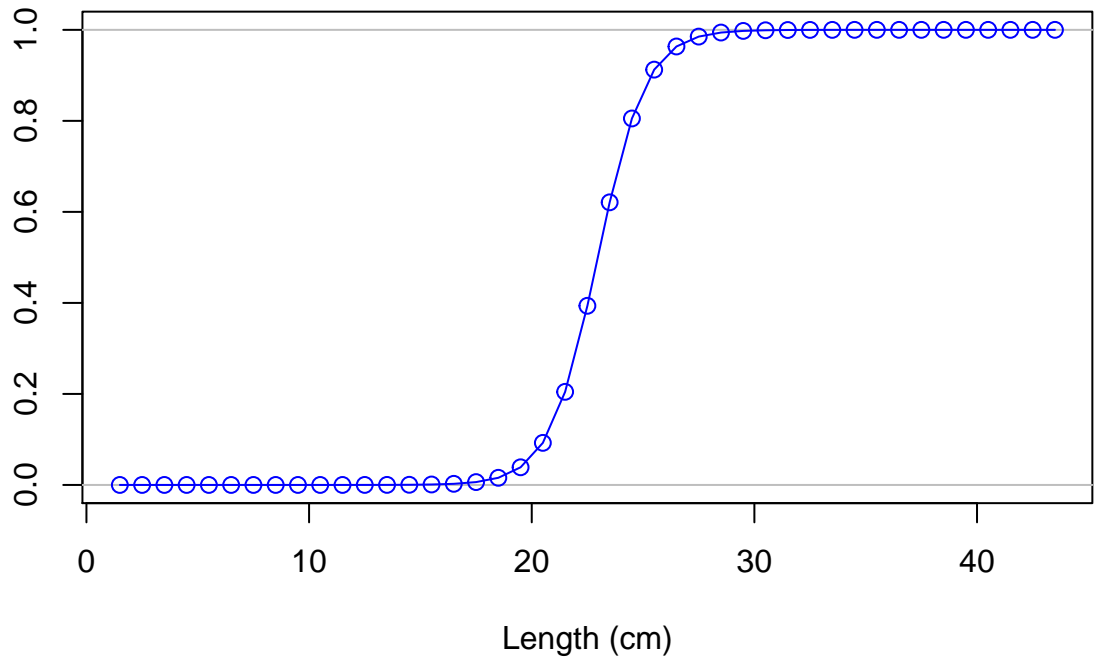
Selectivity

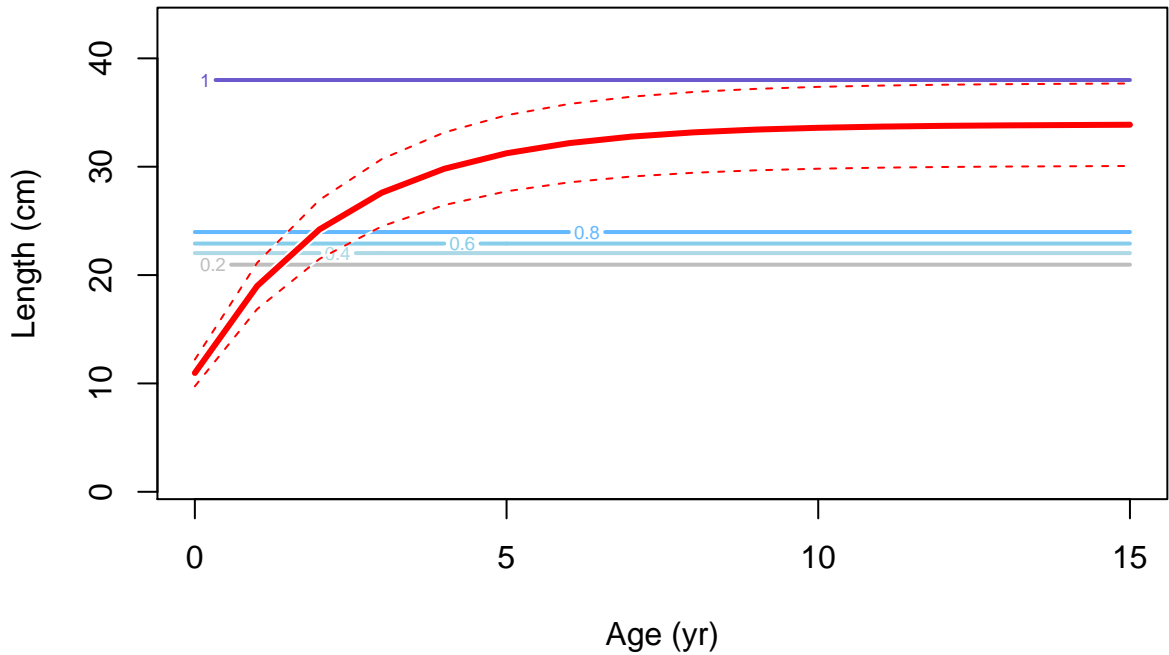


Selectivity

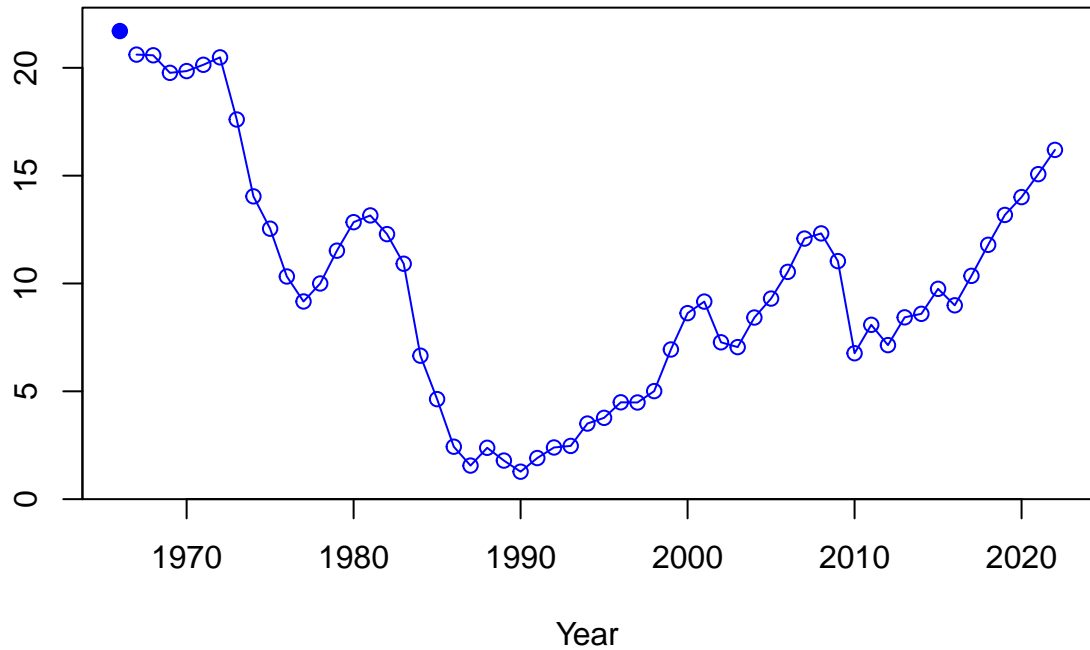


Selectivity

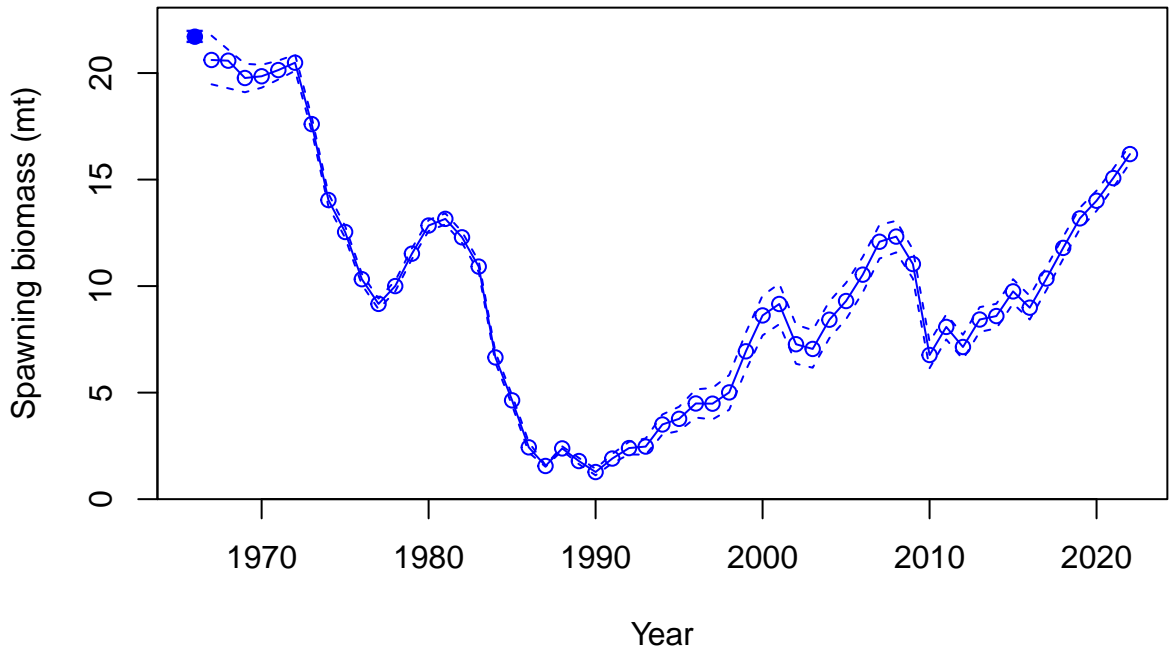




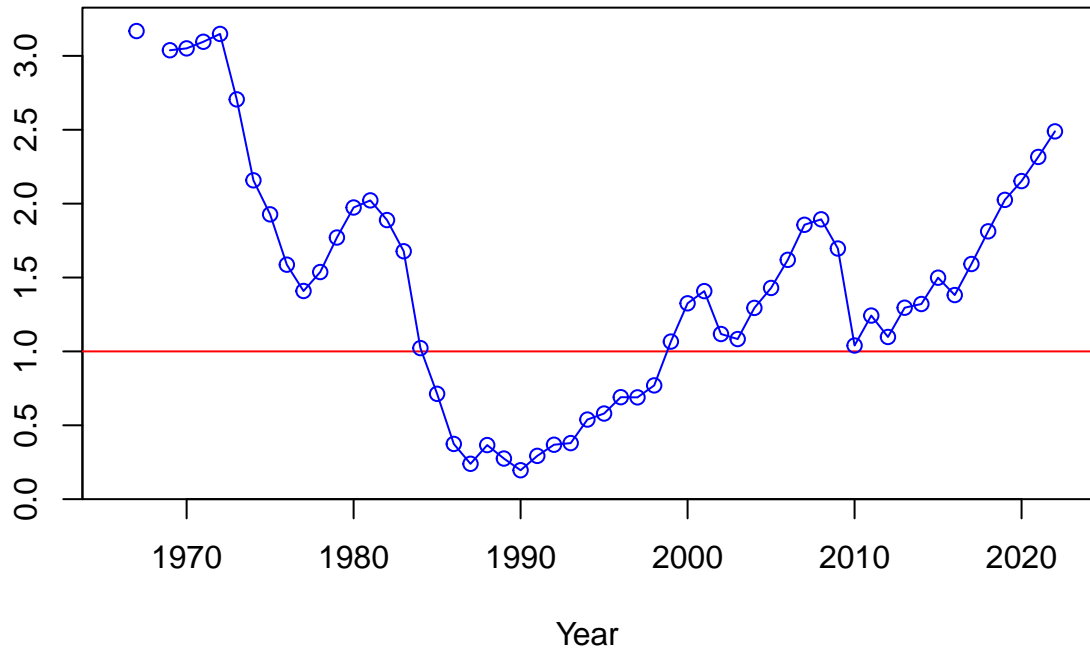
Spawning biomass (mt)



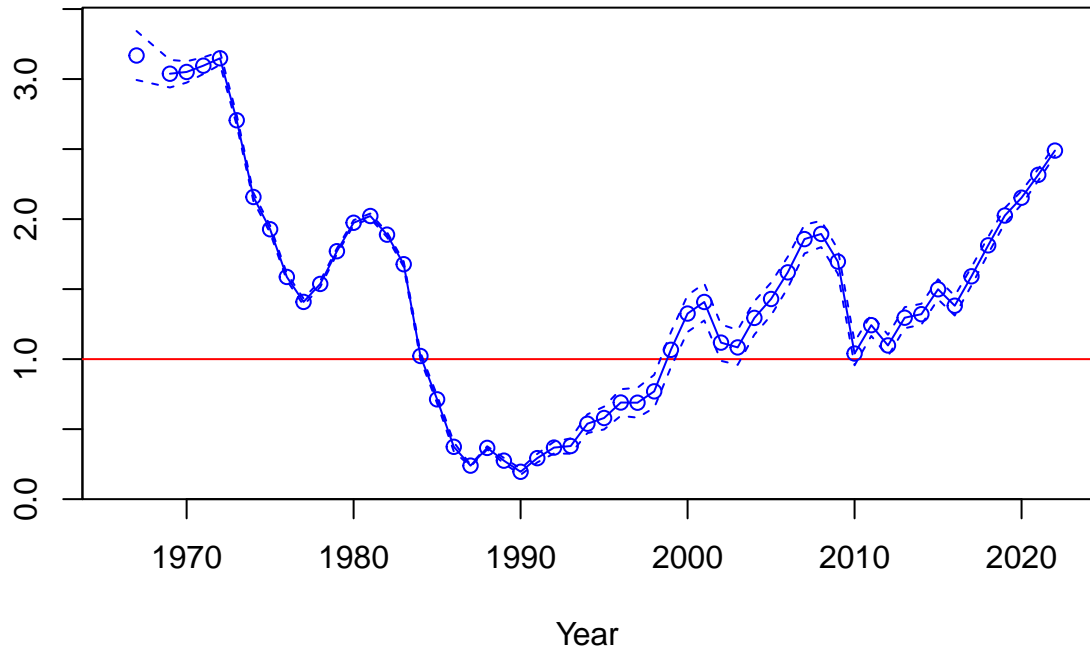


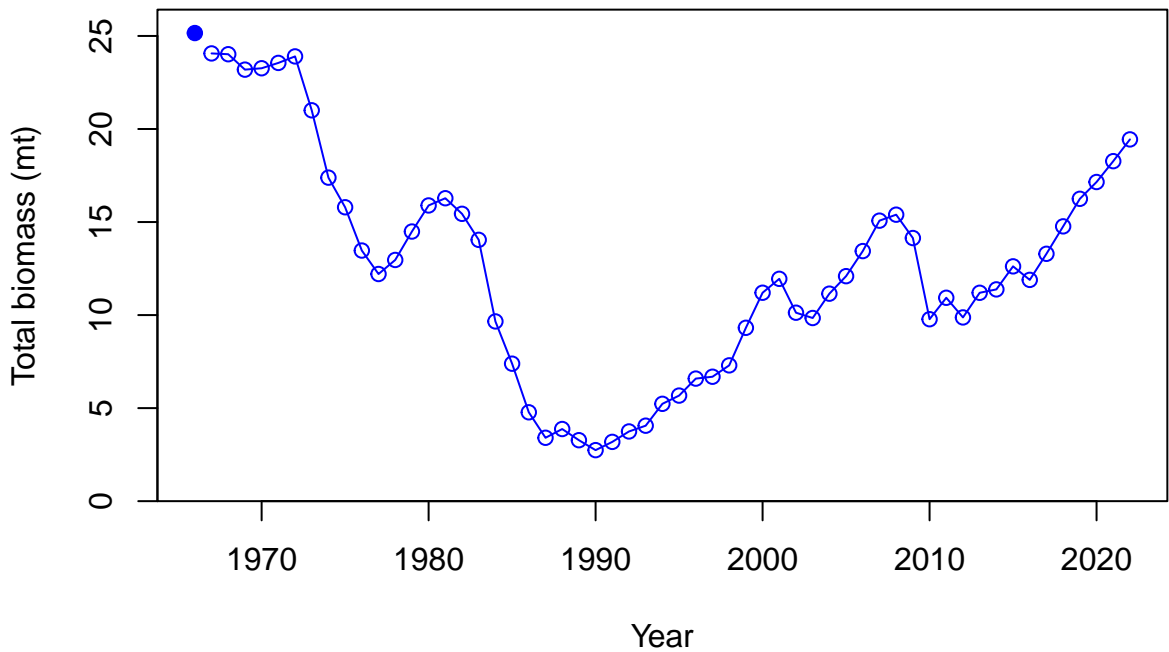


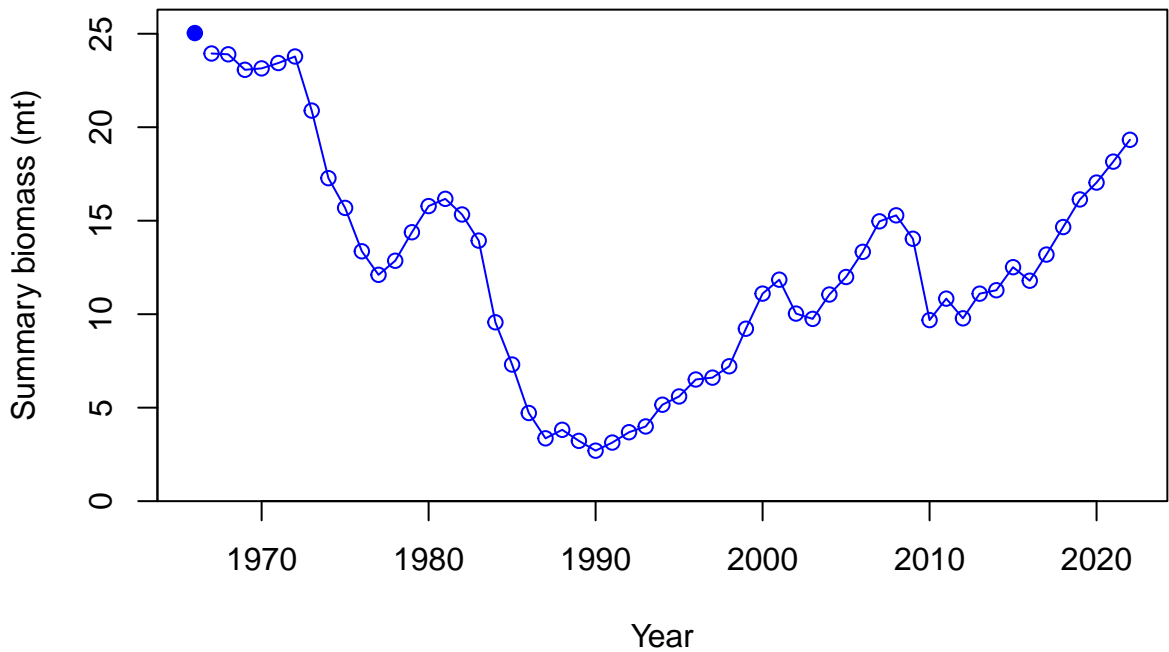
Relative spawning biomass:  $B/B_{MSY}$

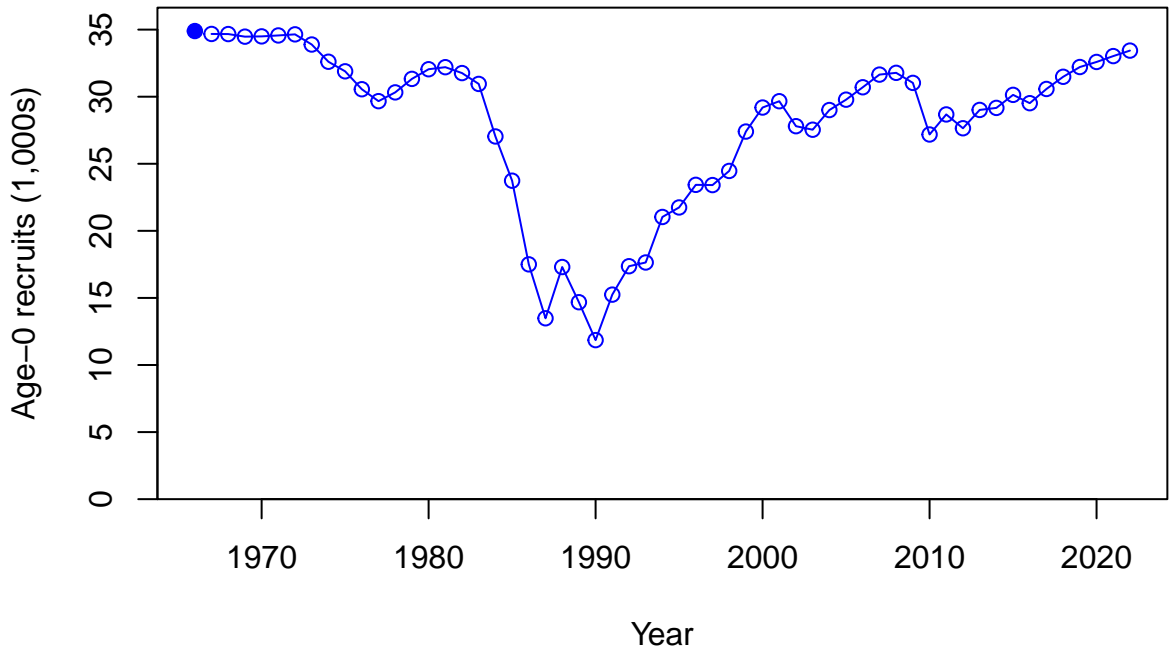


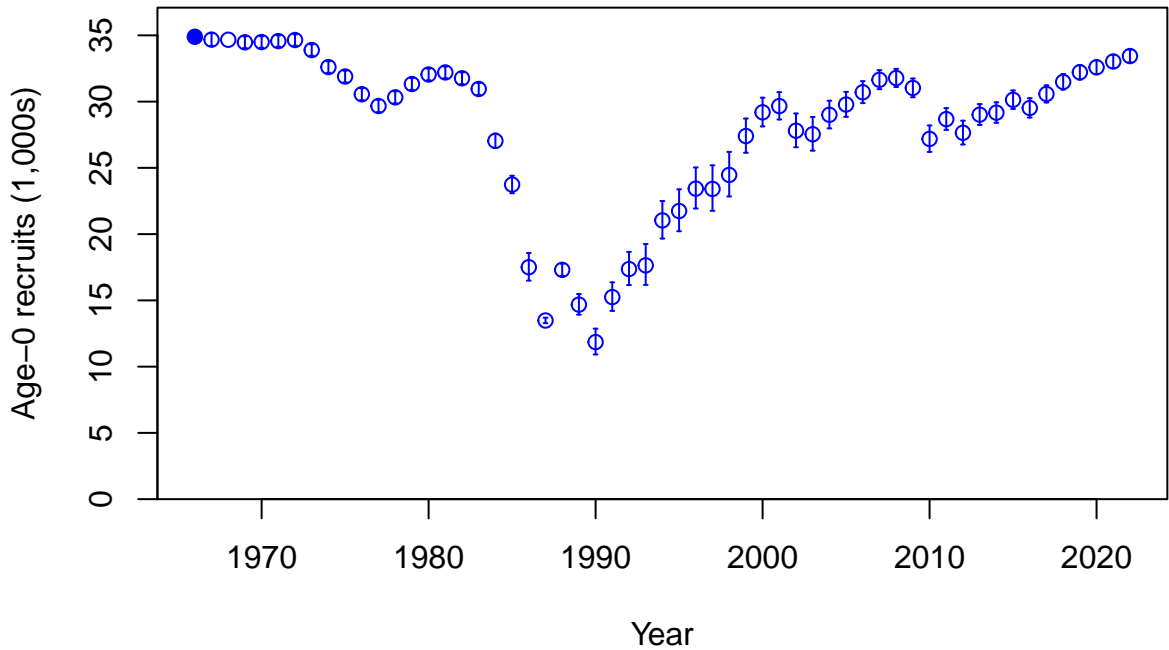
Relative spawning biomass:  $B/B_{MSY}$



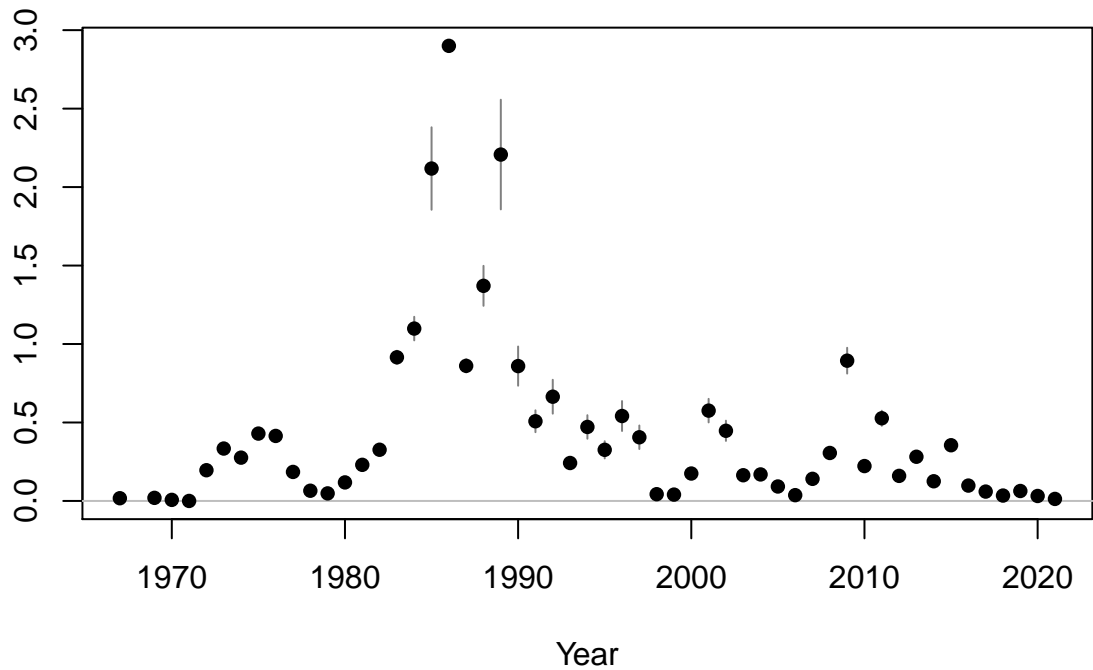




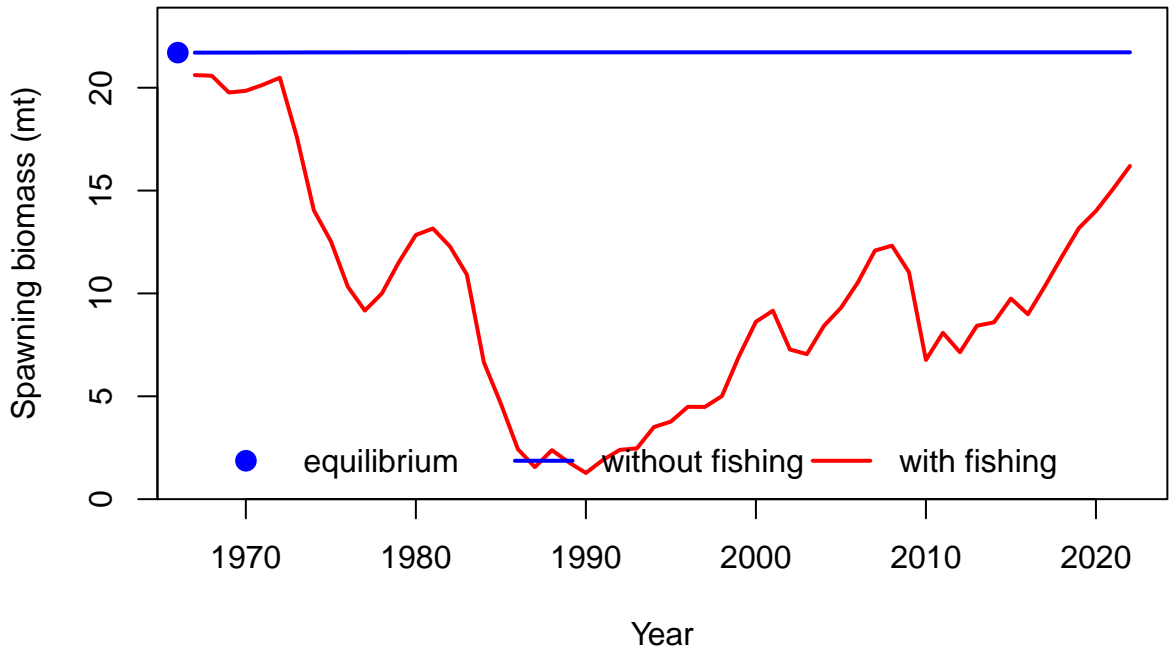


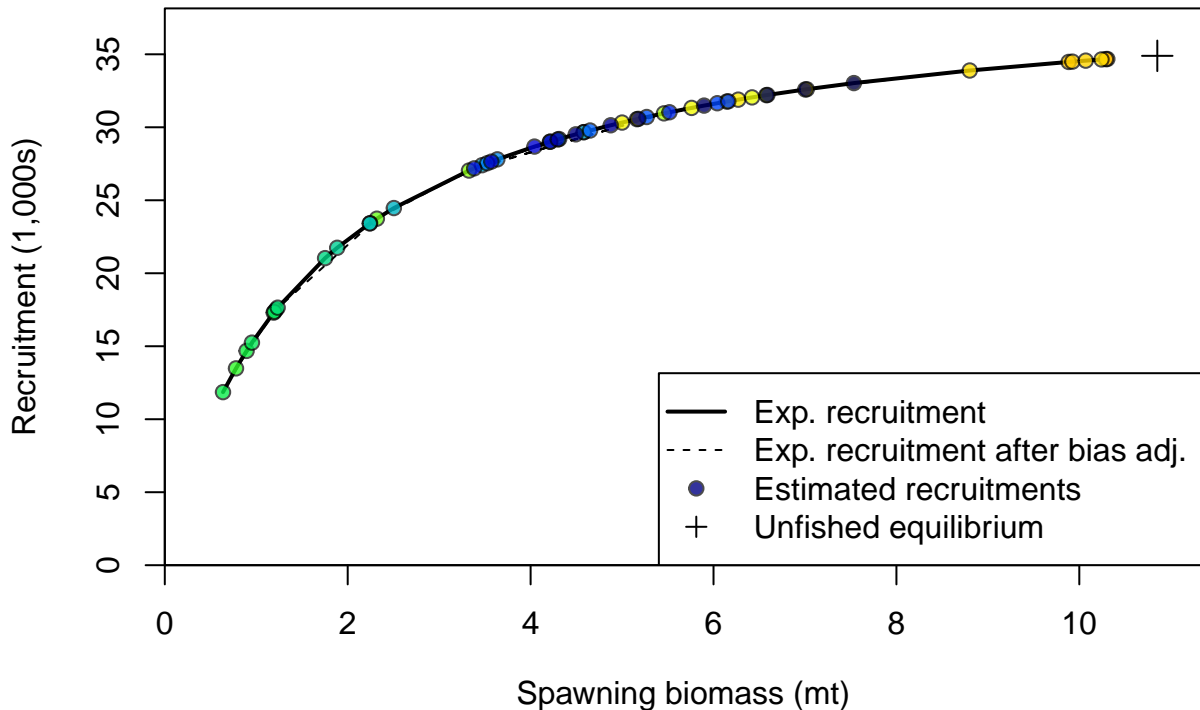


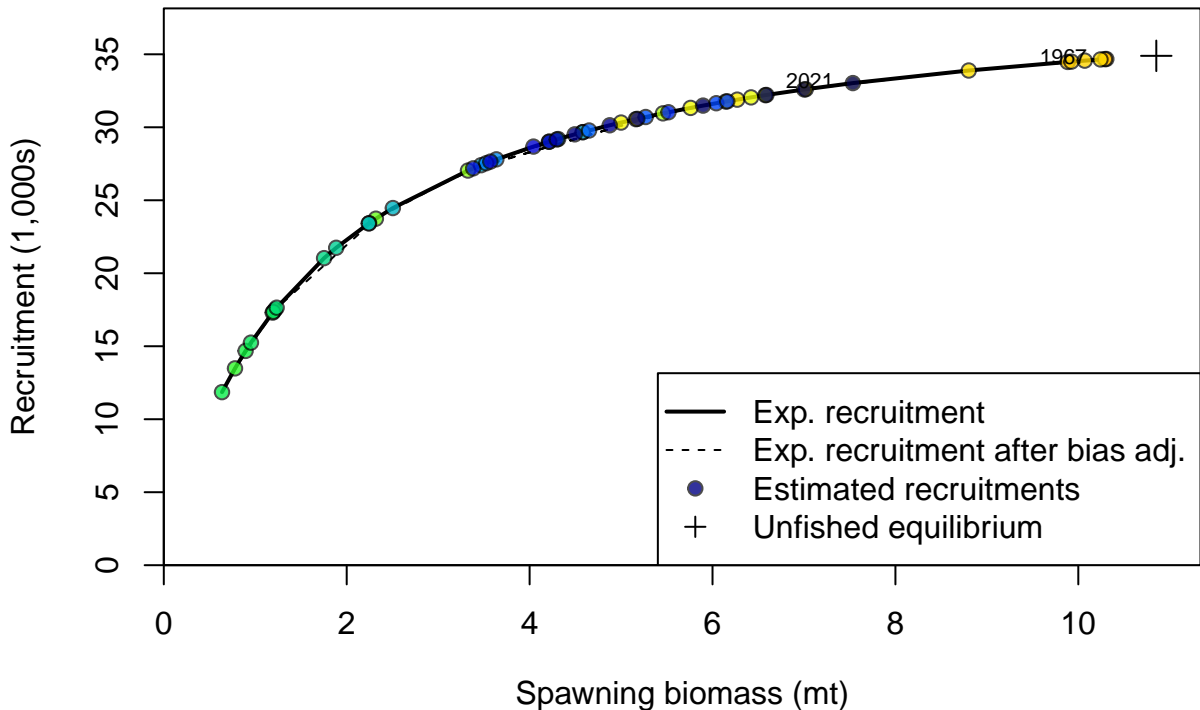
Summary Fishing Mortality

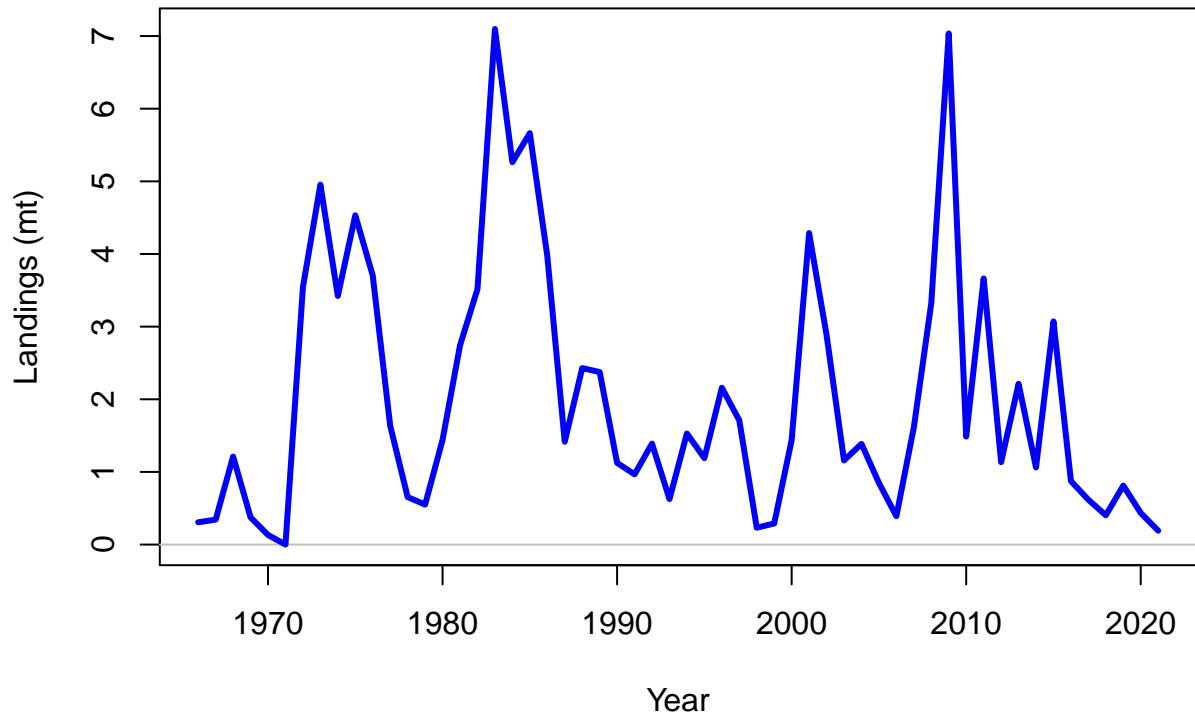


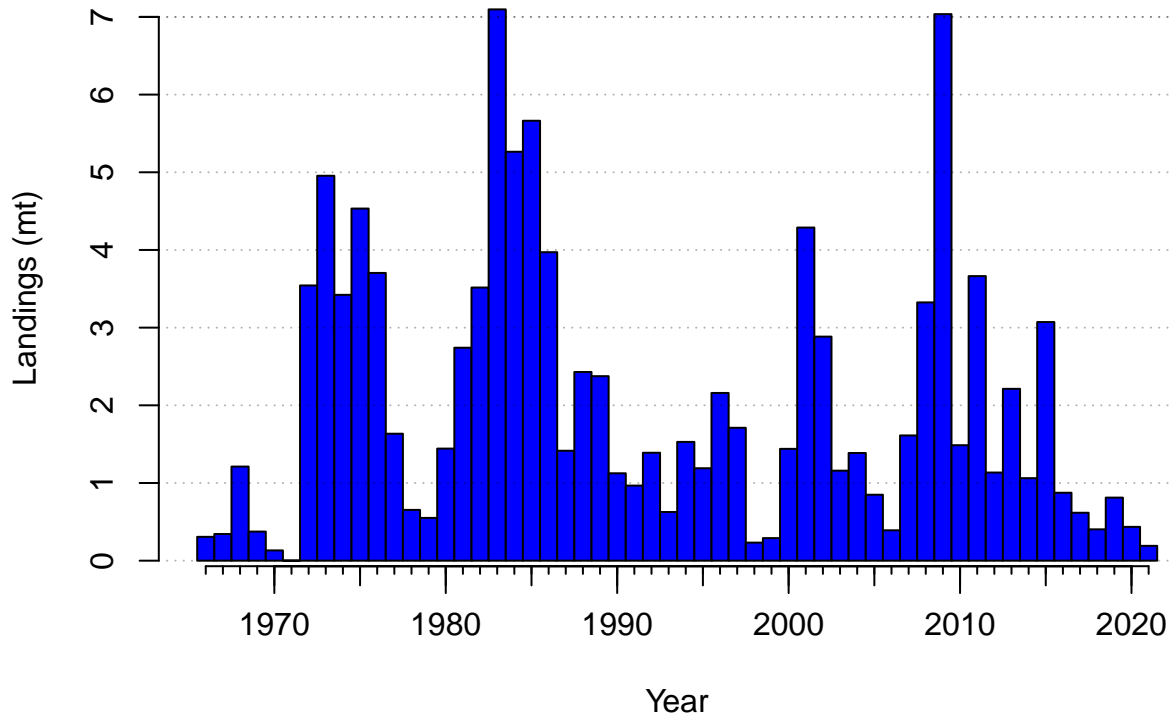




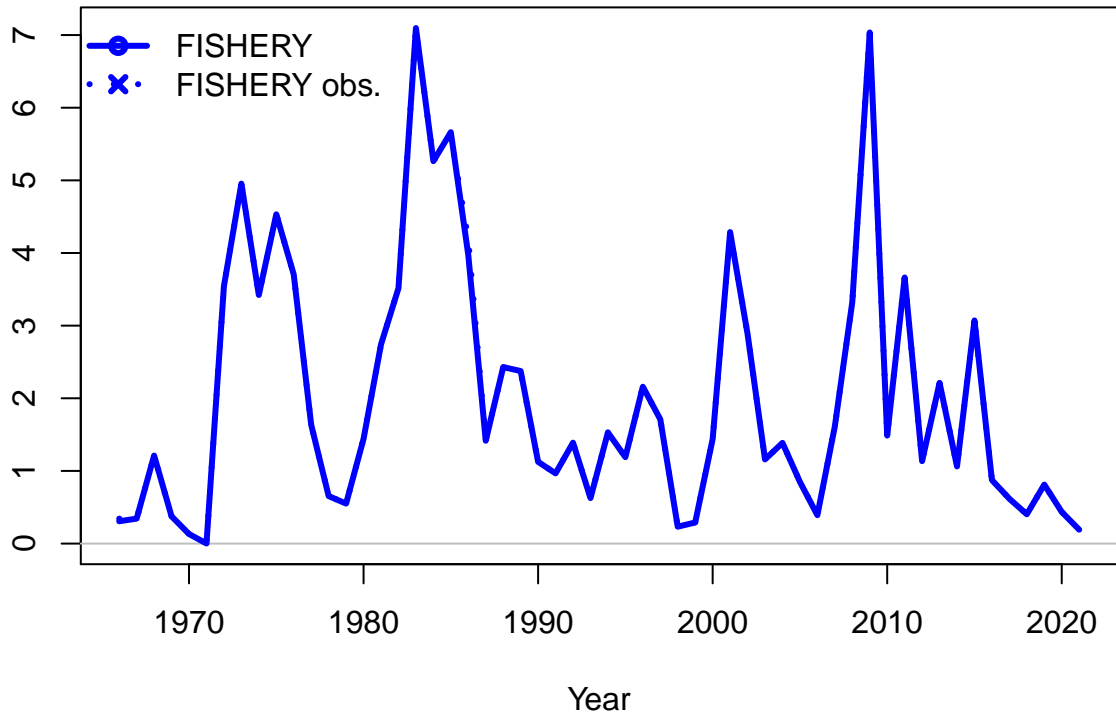


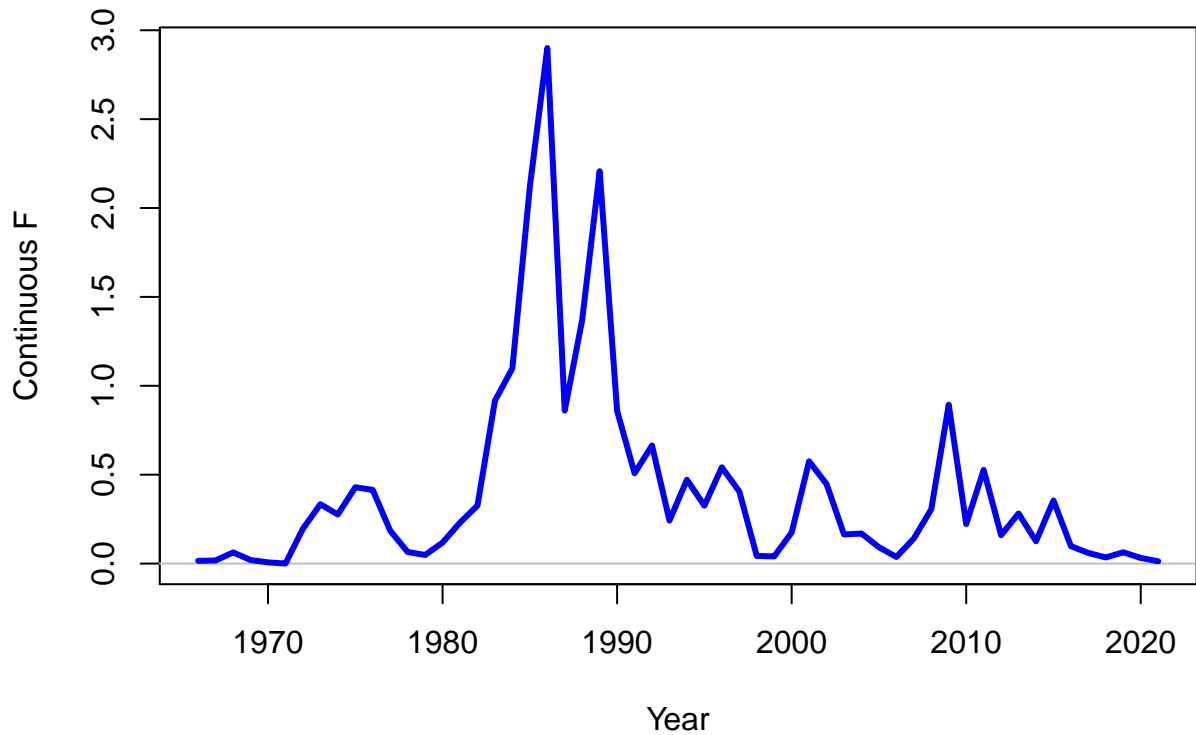




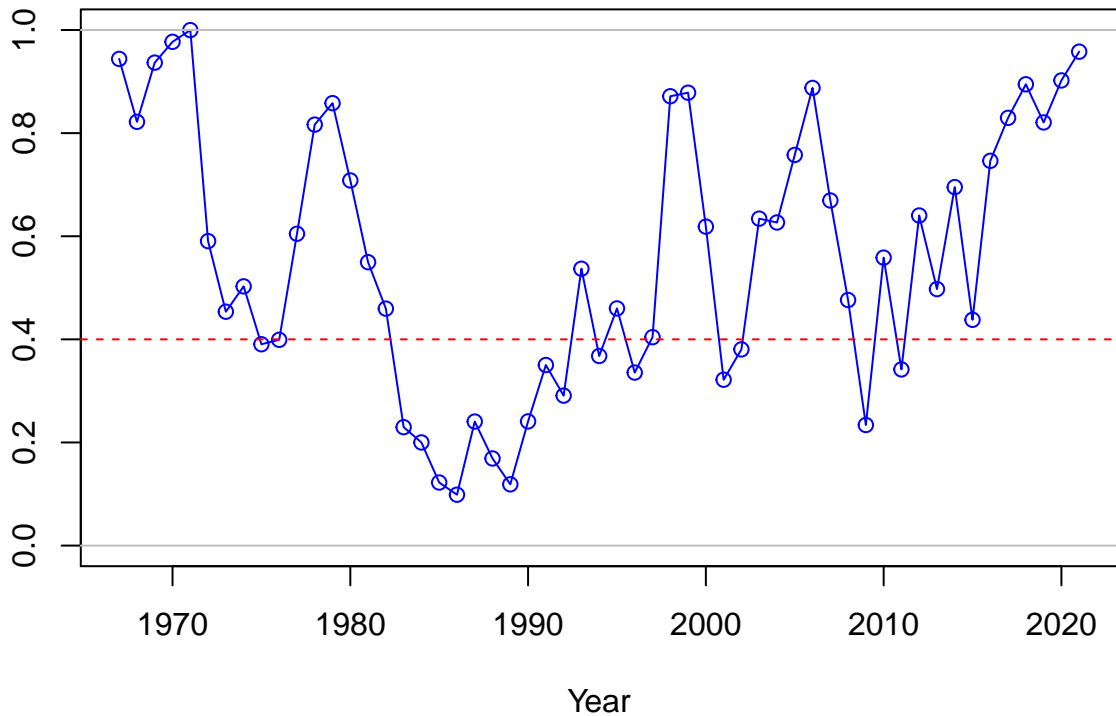


Observed and expected Landings (mt)



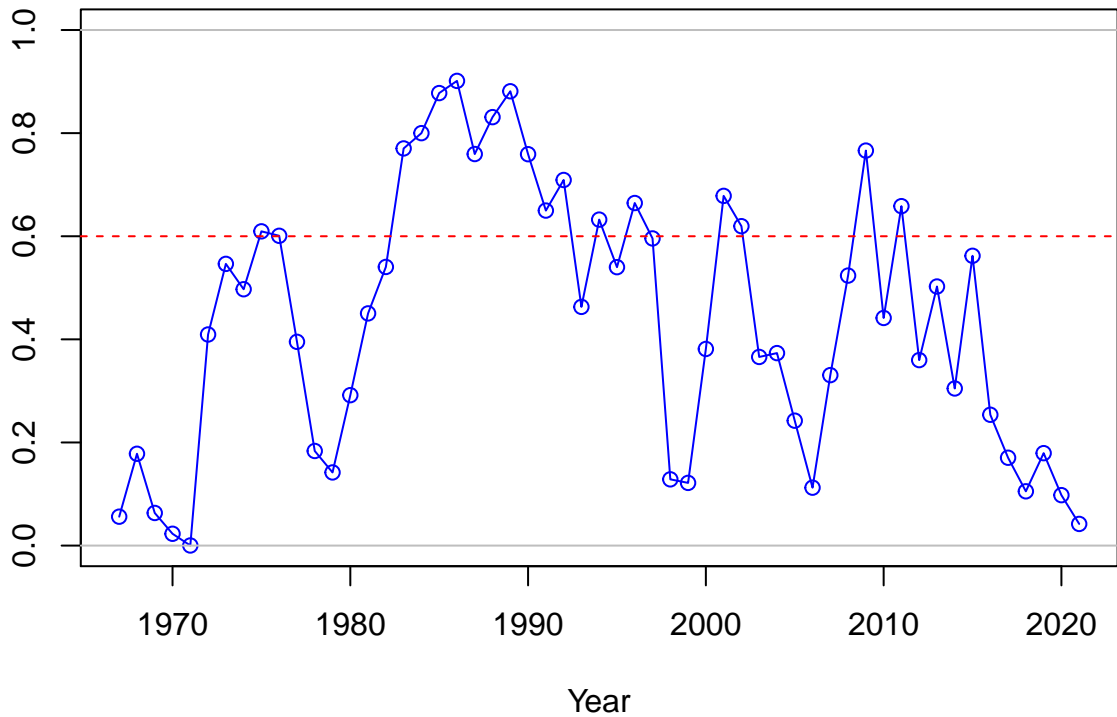


SPR

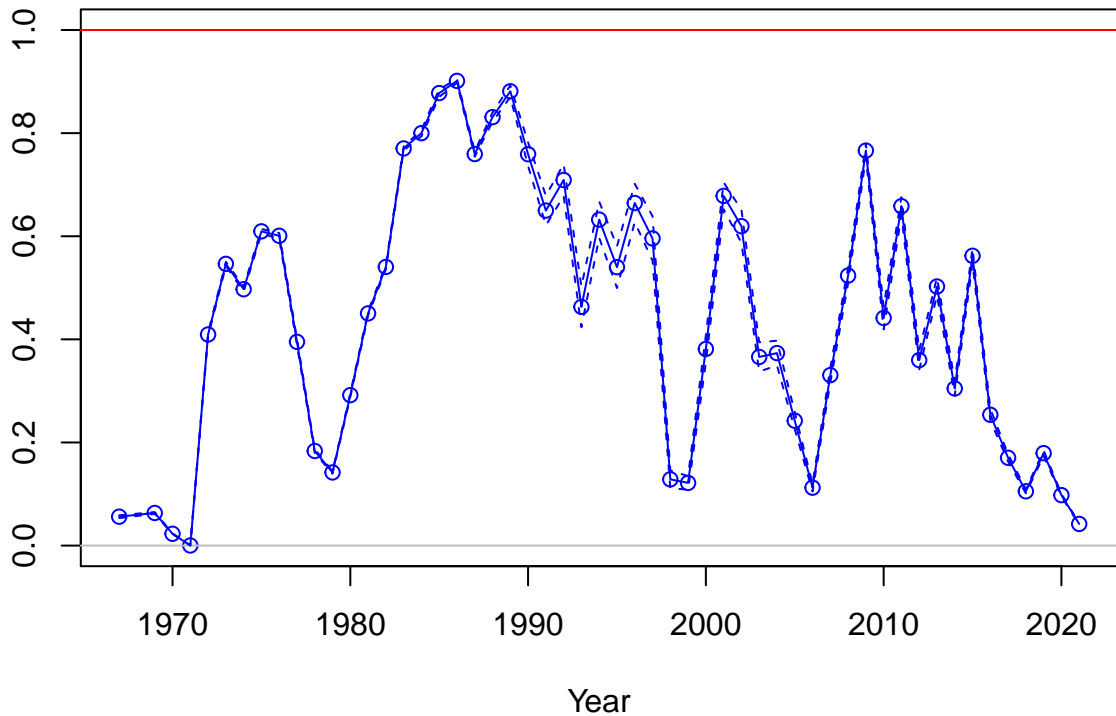




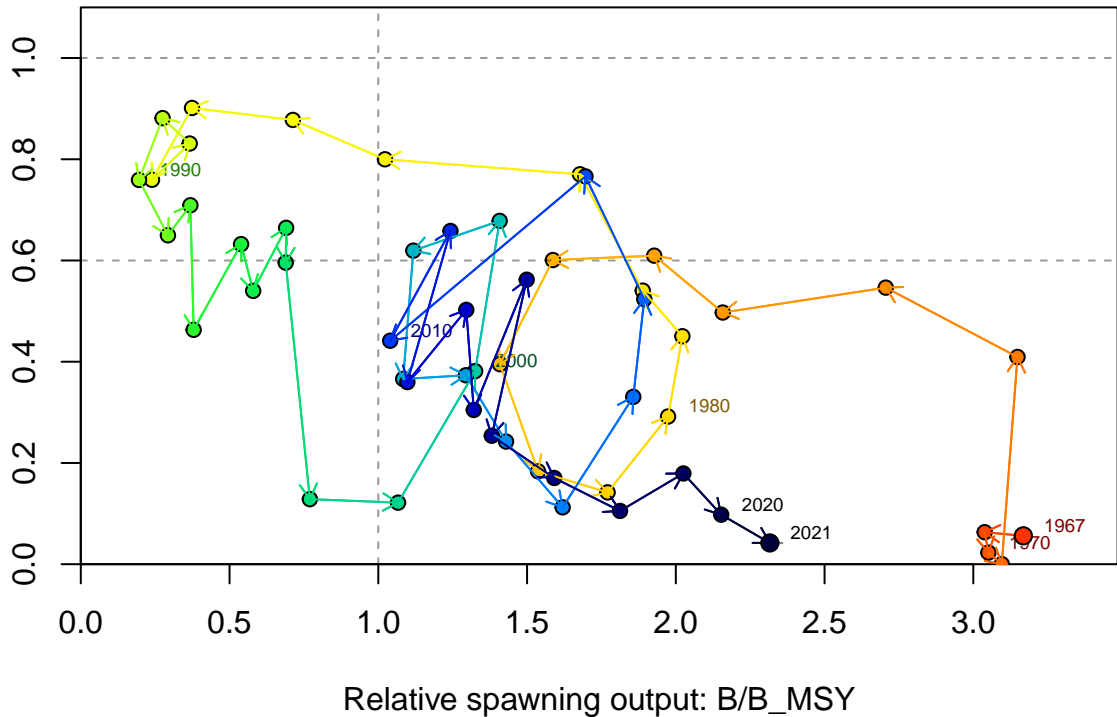
1-SPR



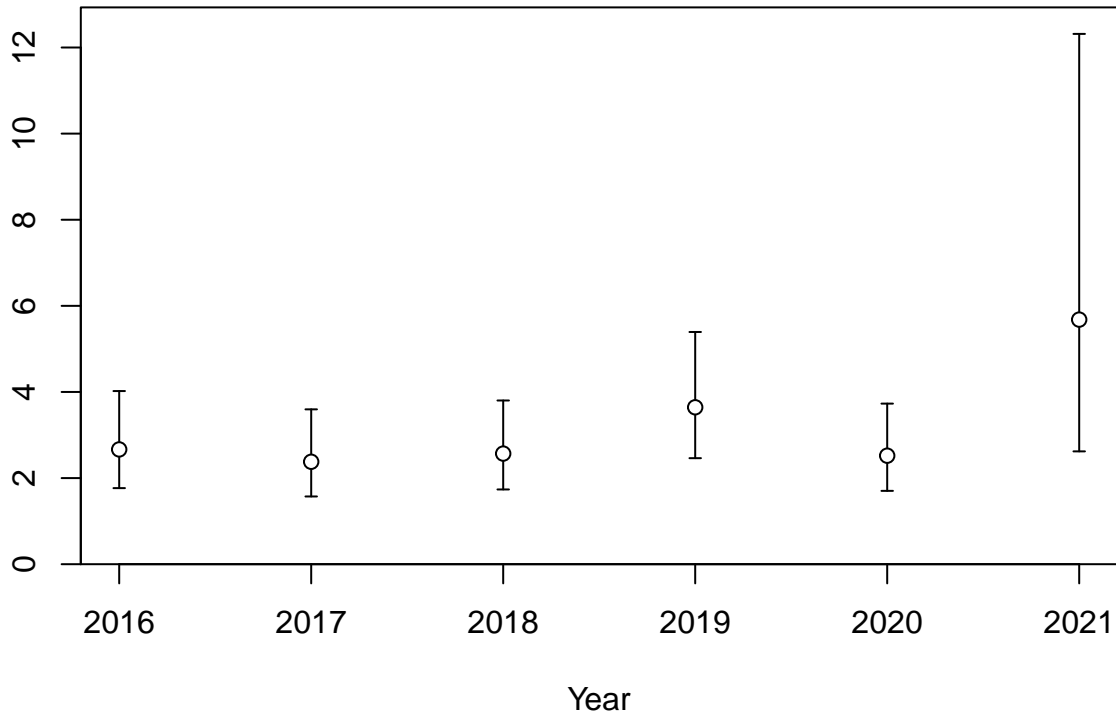
Fishing intensity: 1-SPR



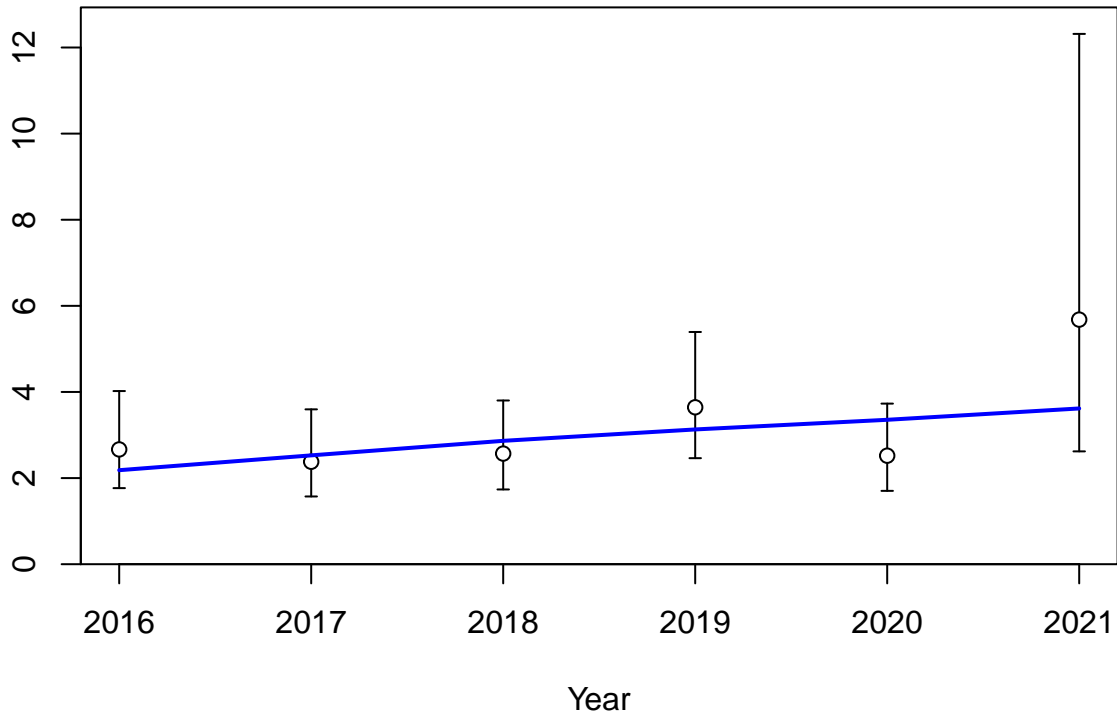
Fishing intensity: 1-SPR

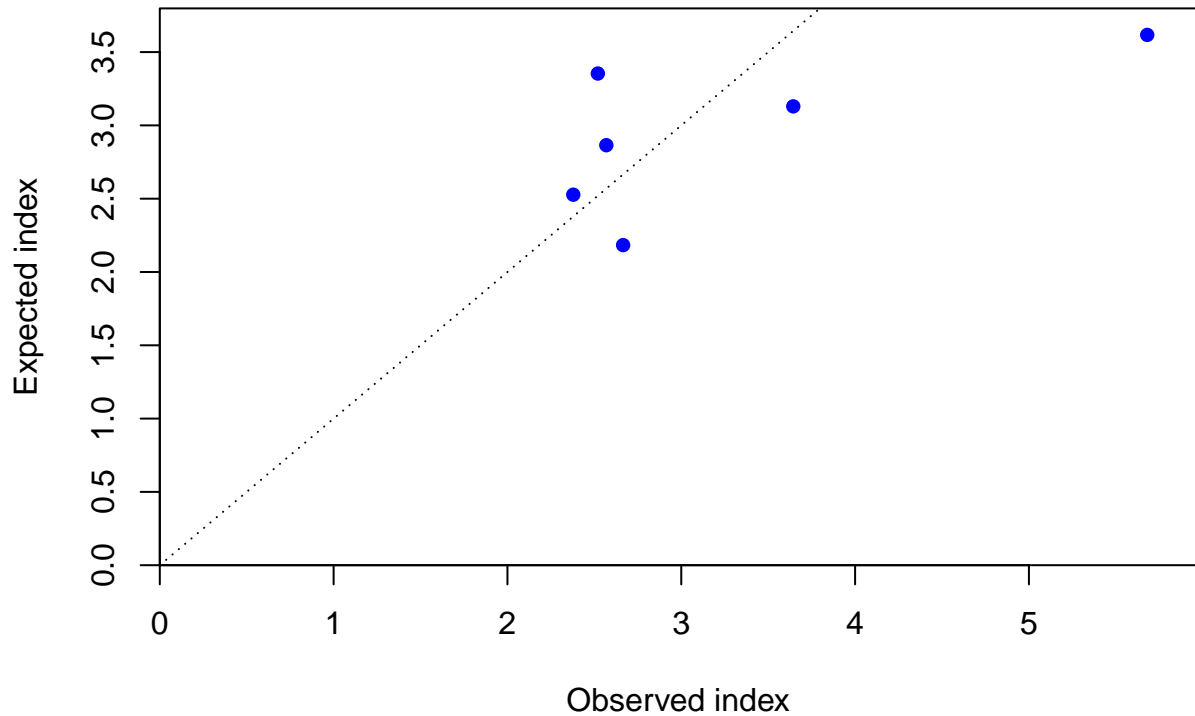


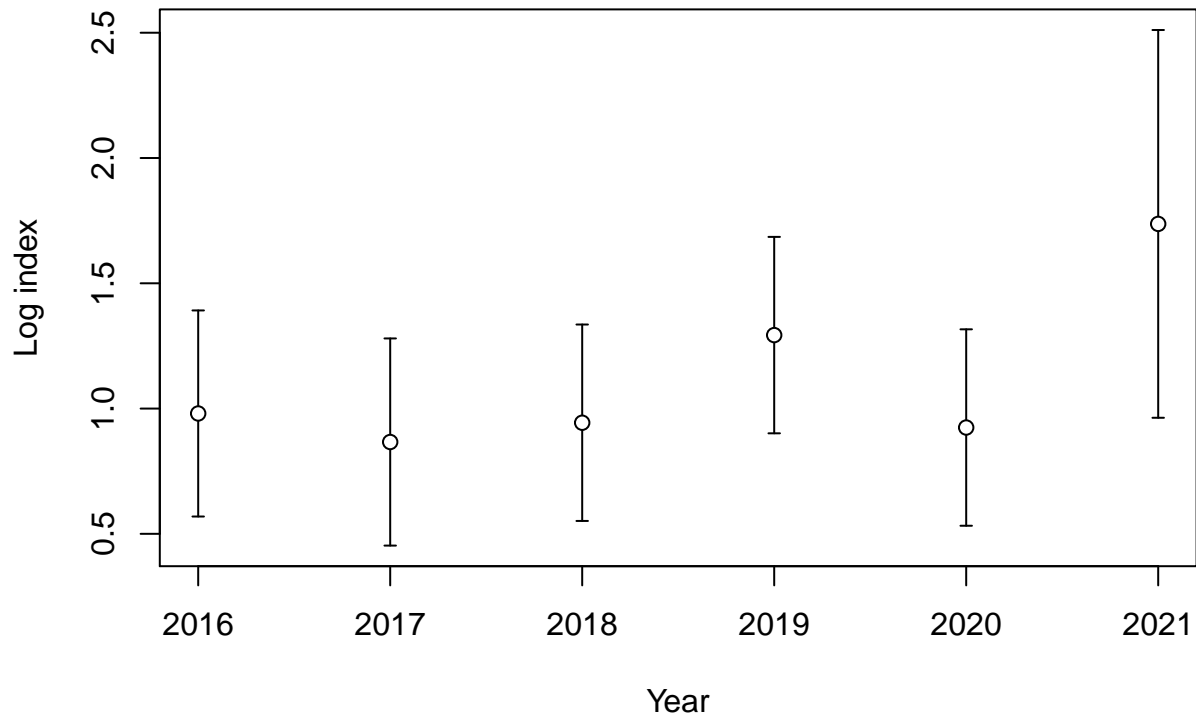
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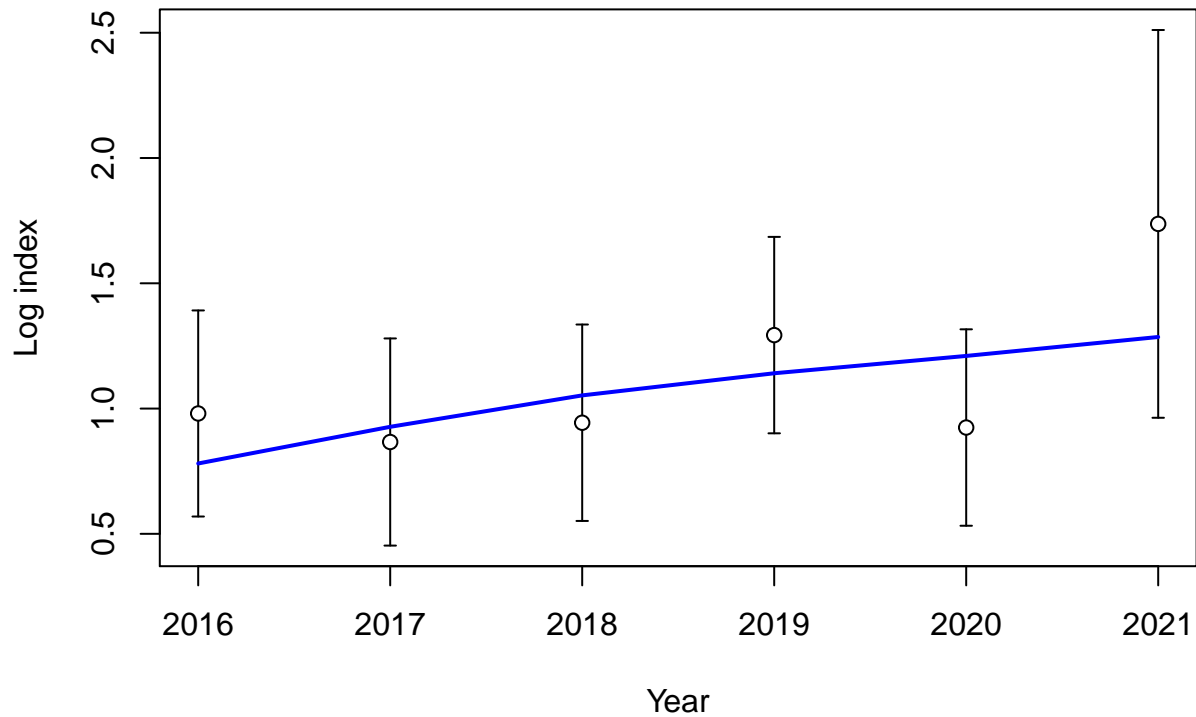


Index

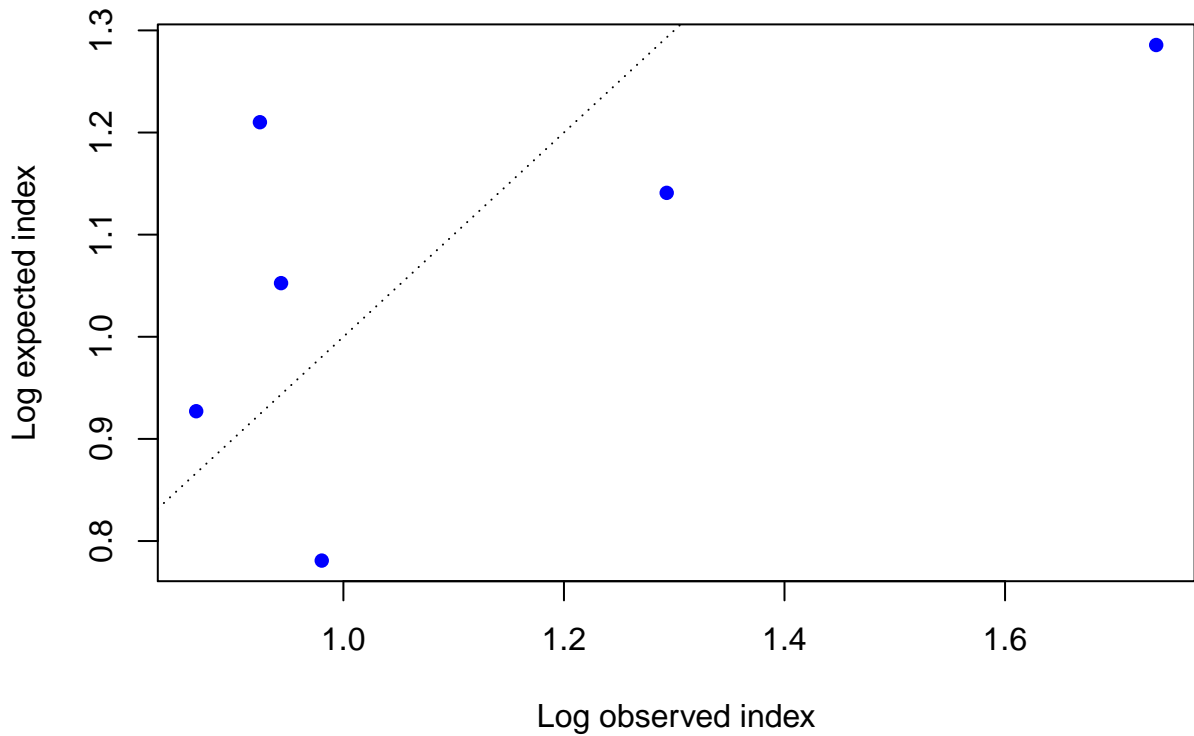


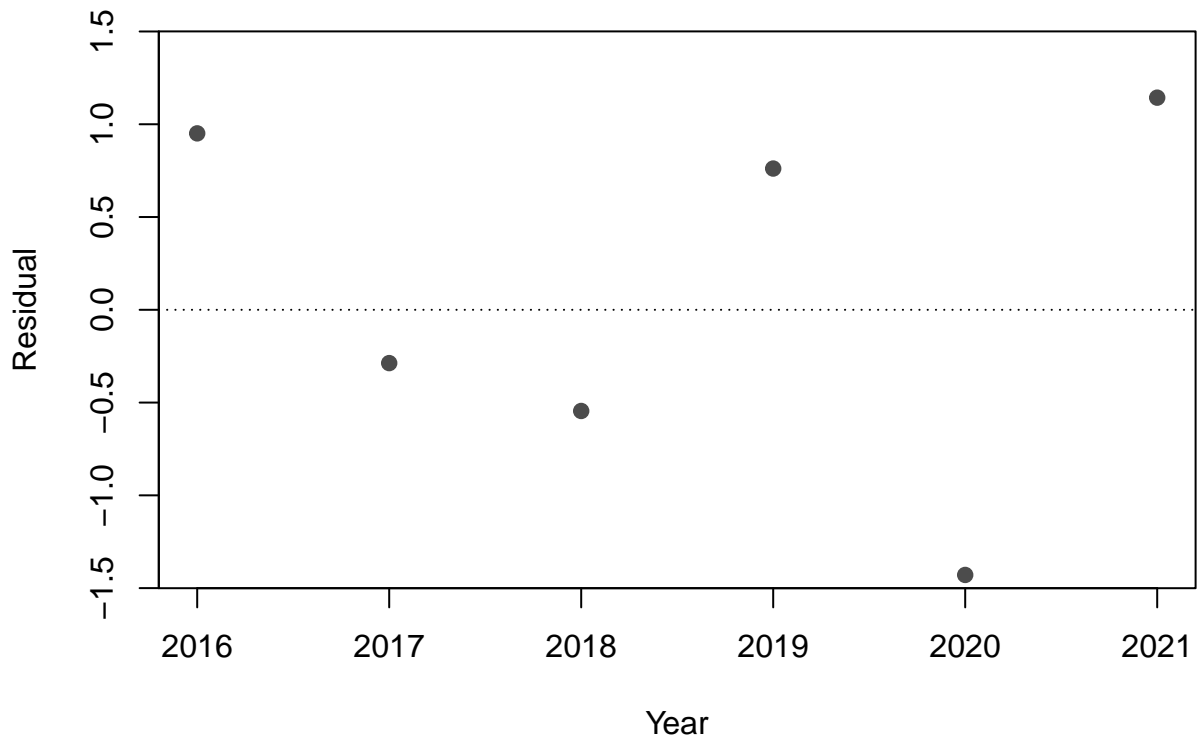




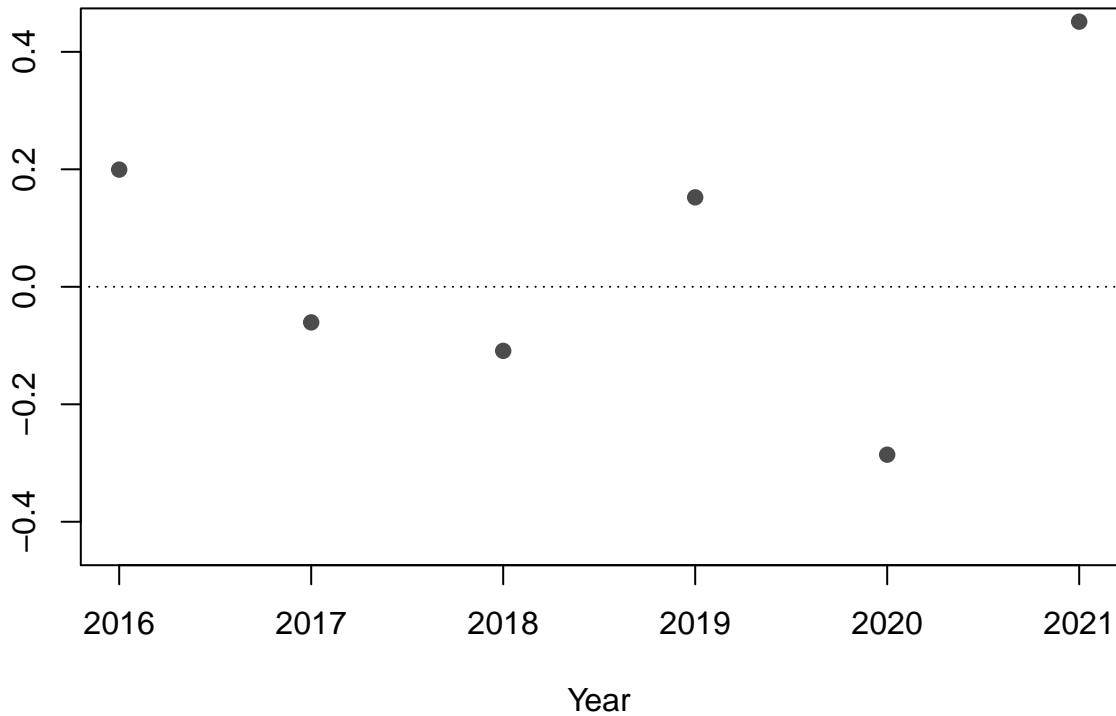


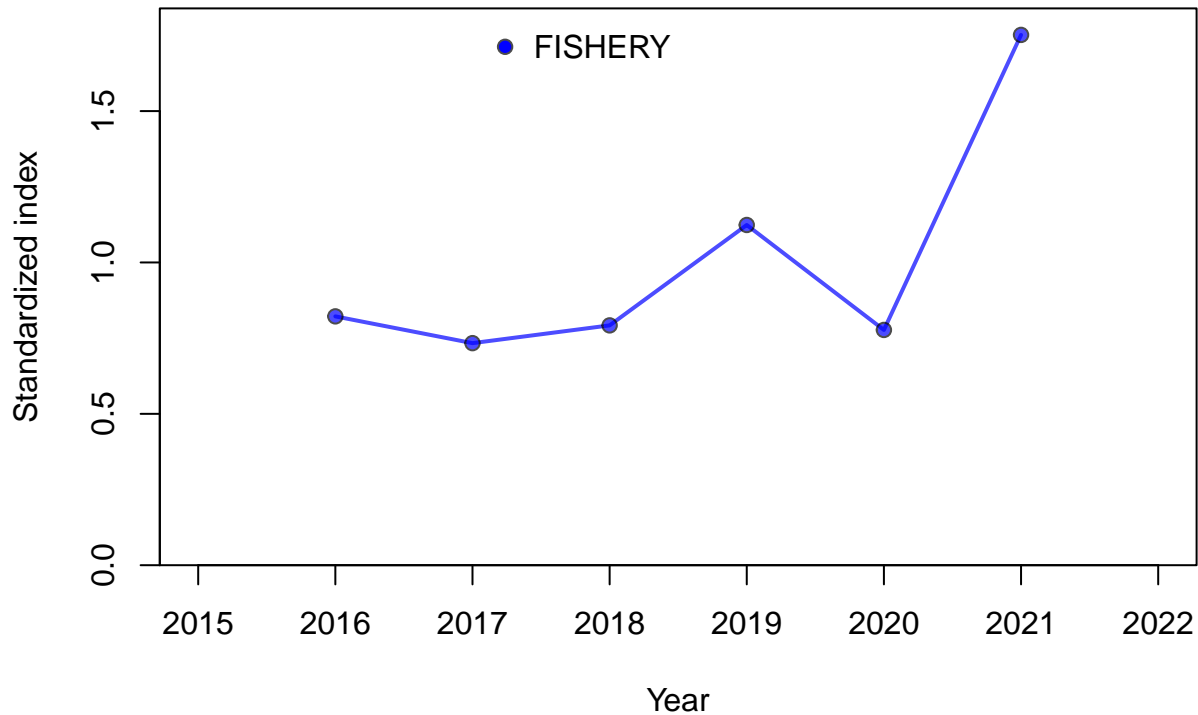




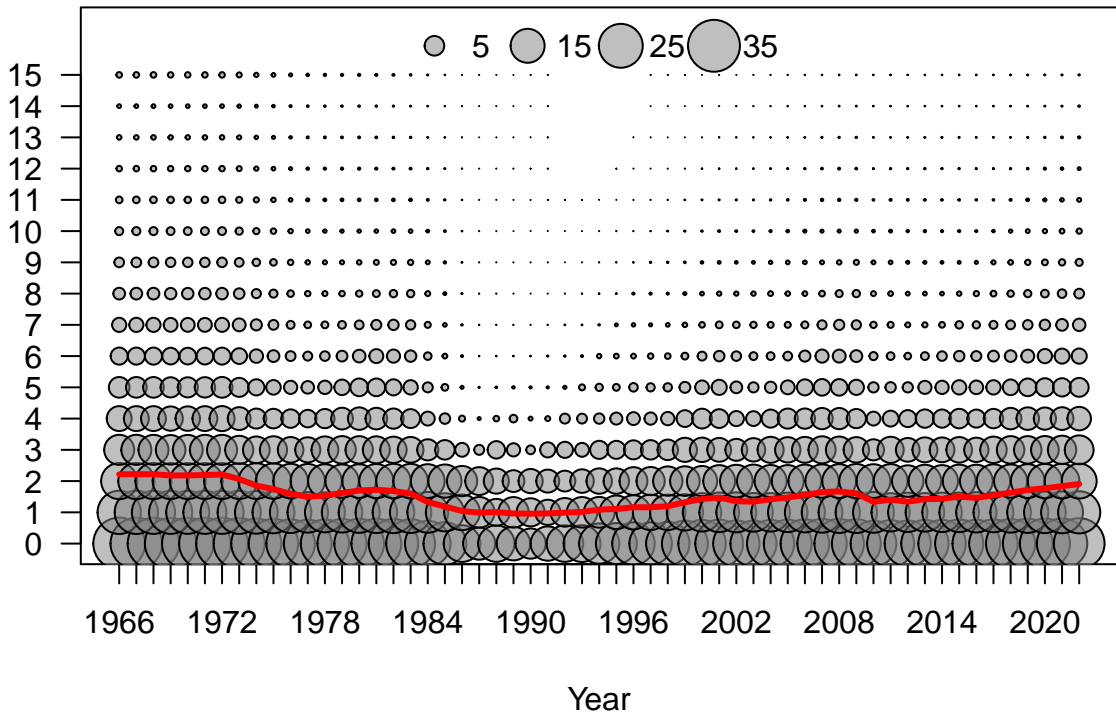


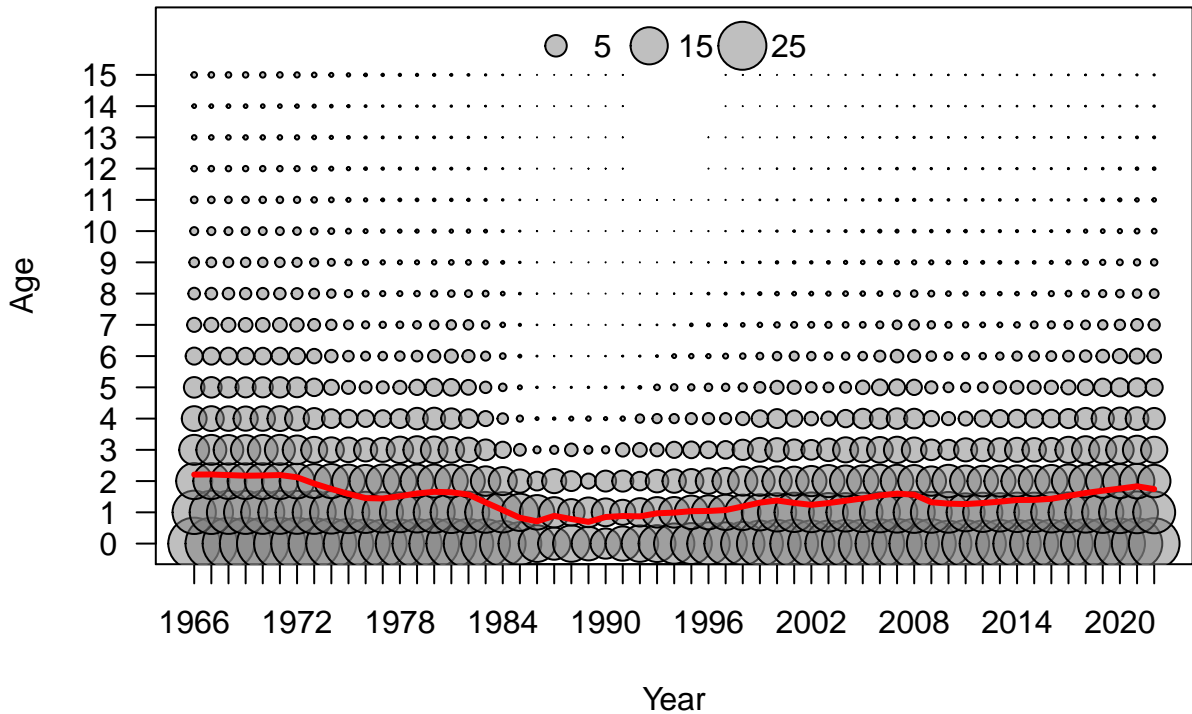
Deviation

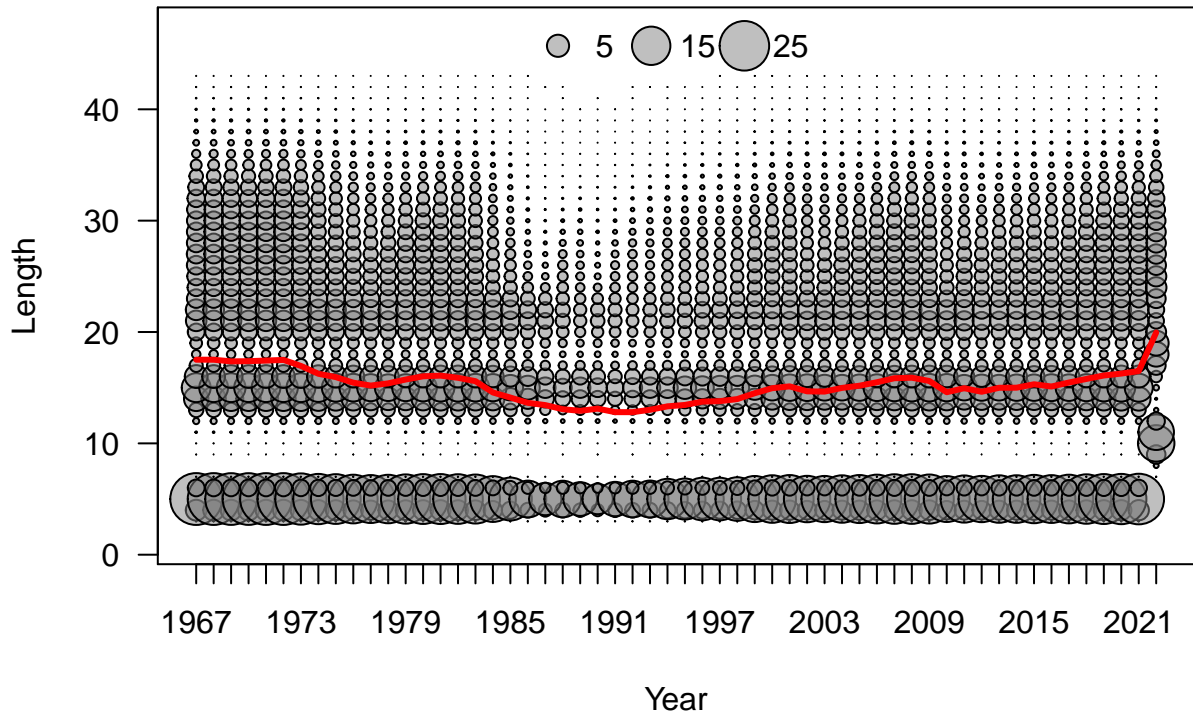


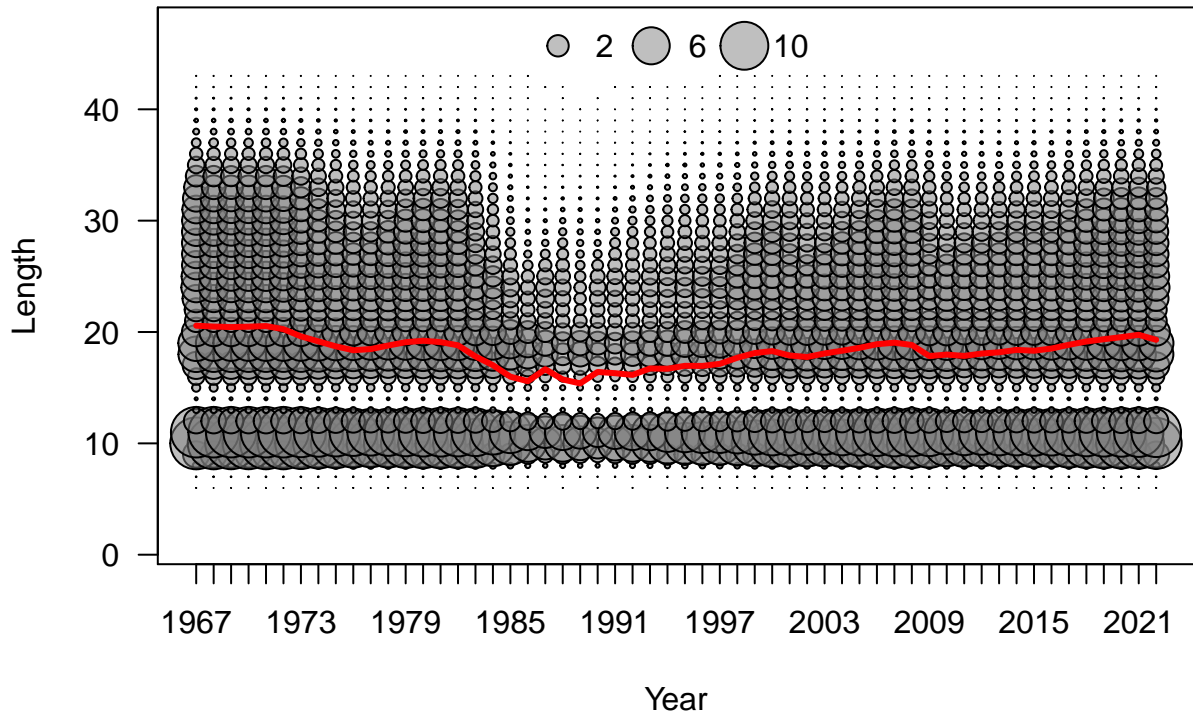


Age

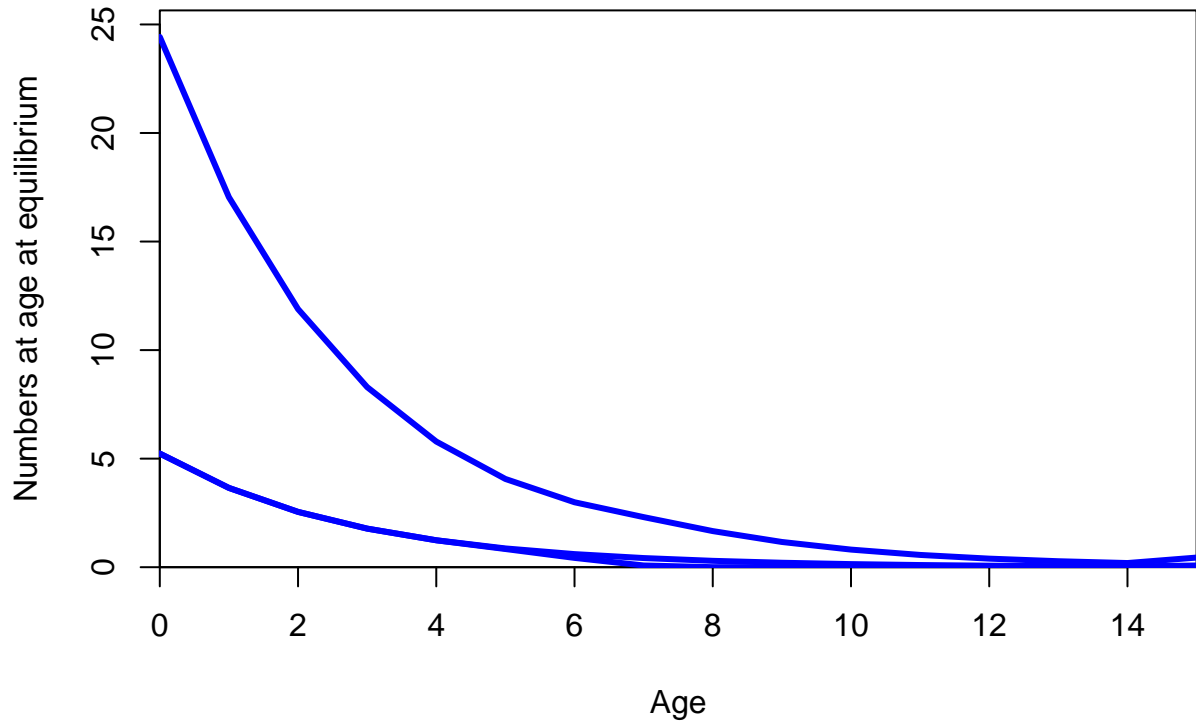


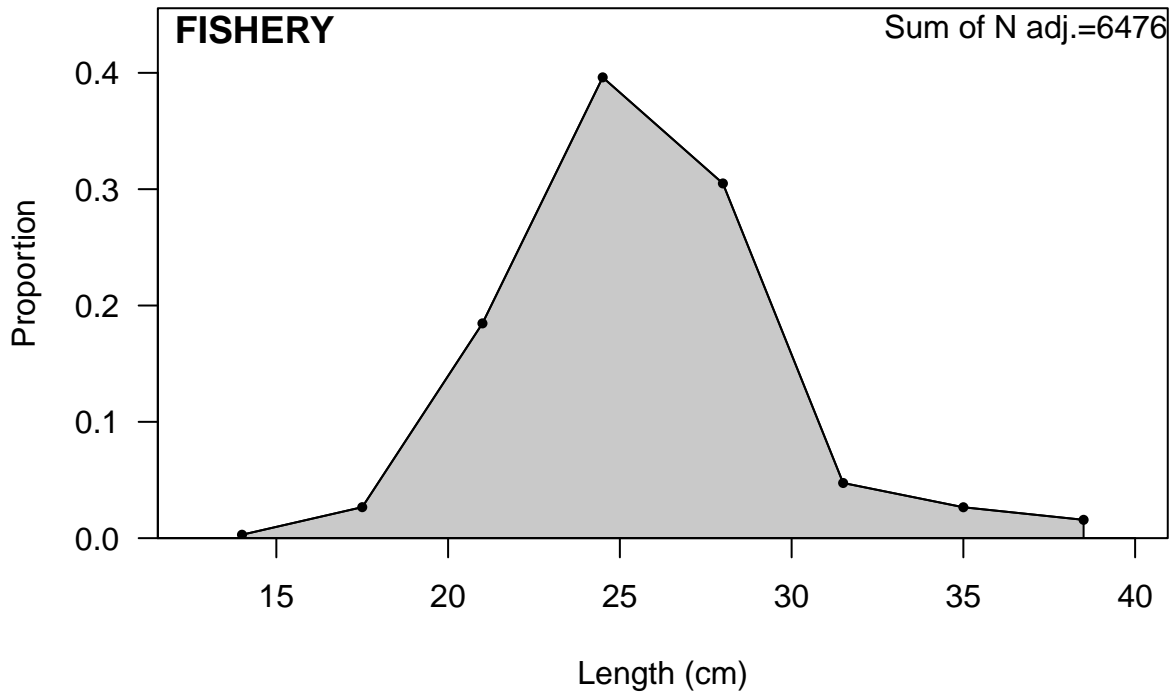


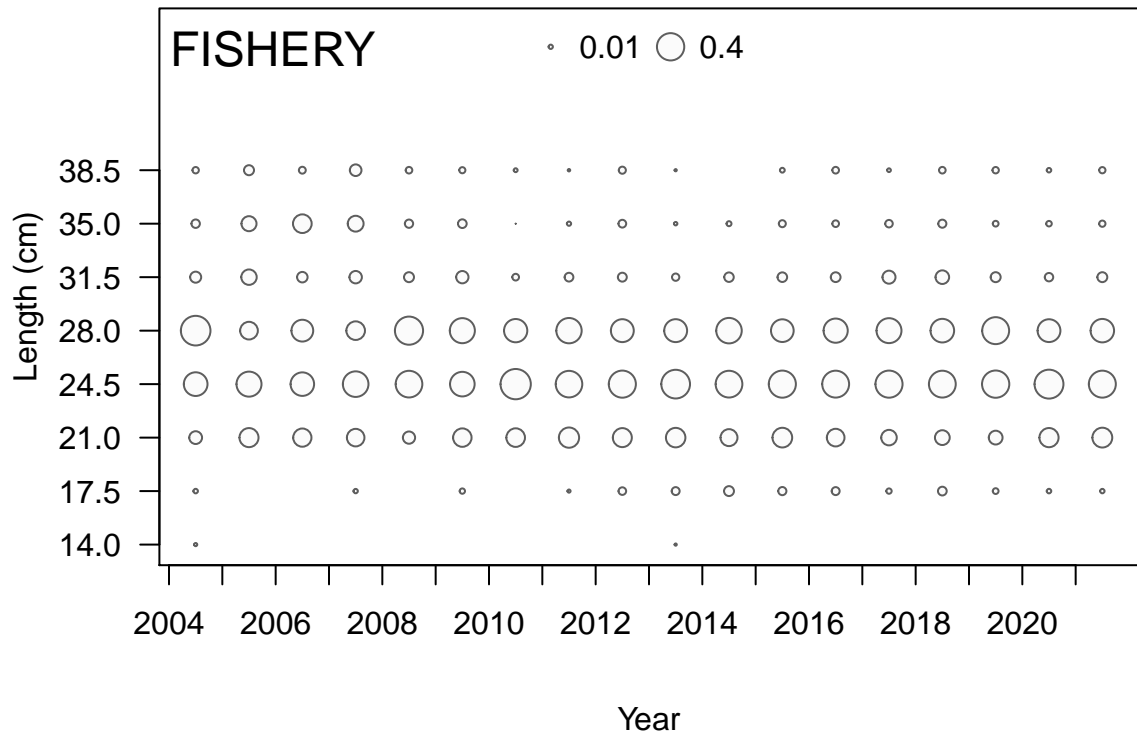




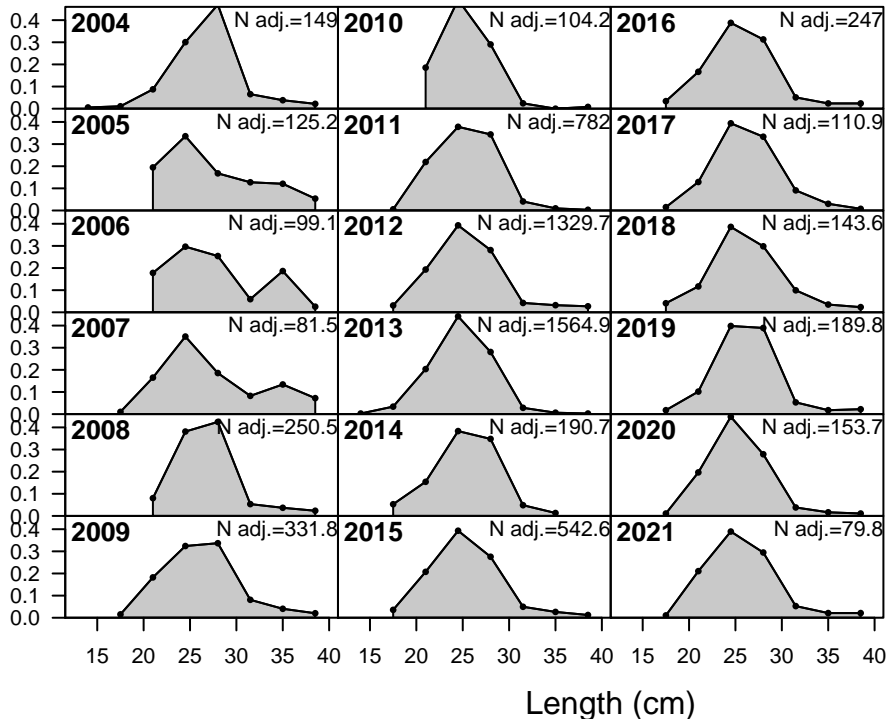


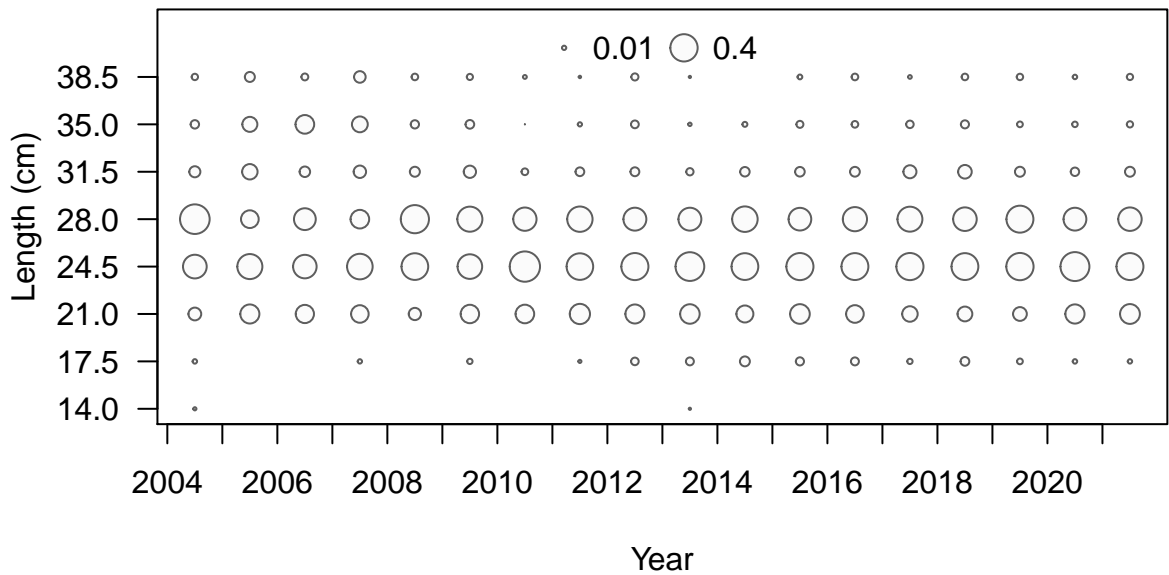




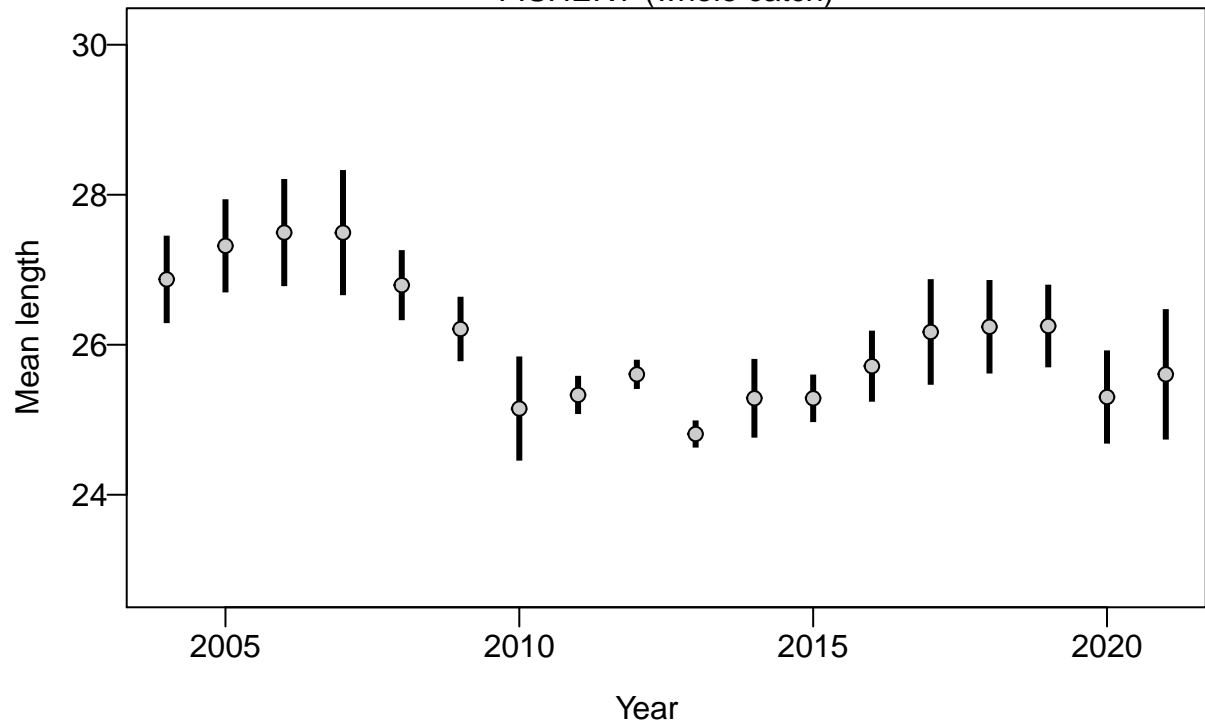


Proportion



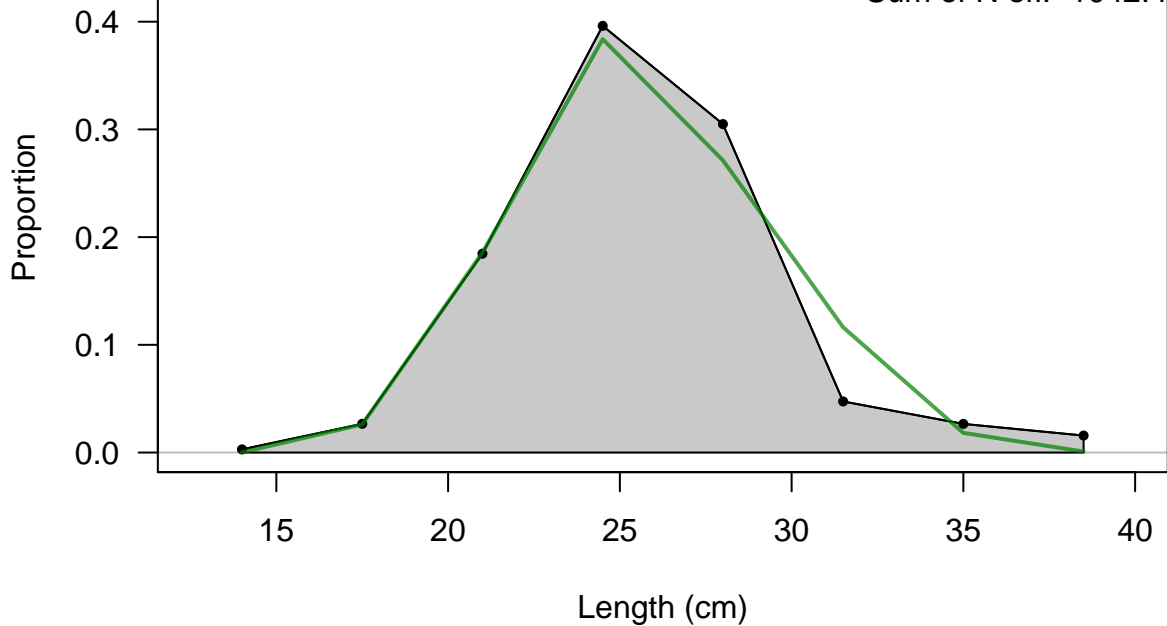


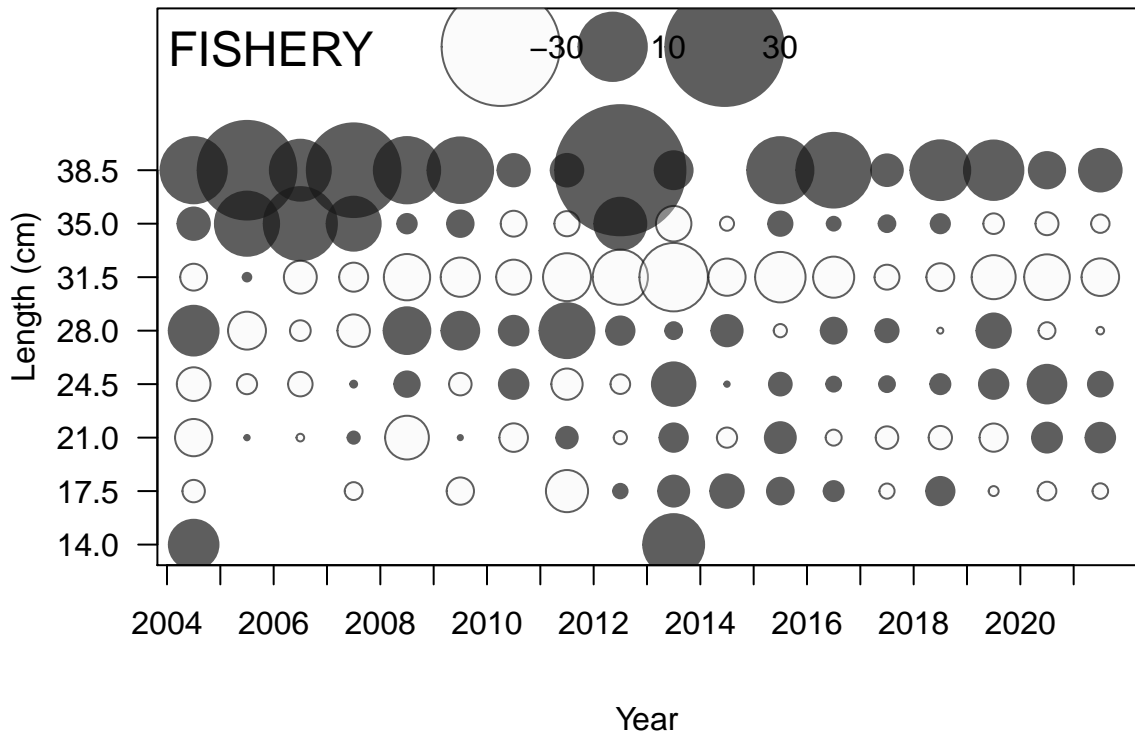
## FISHERY (whole catch)



# FISHERY

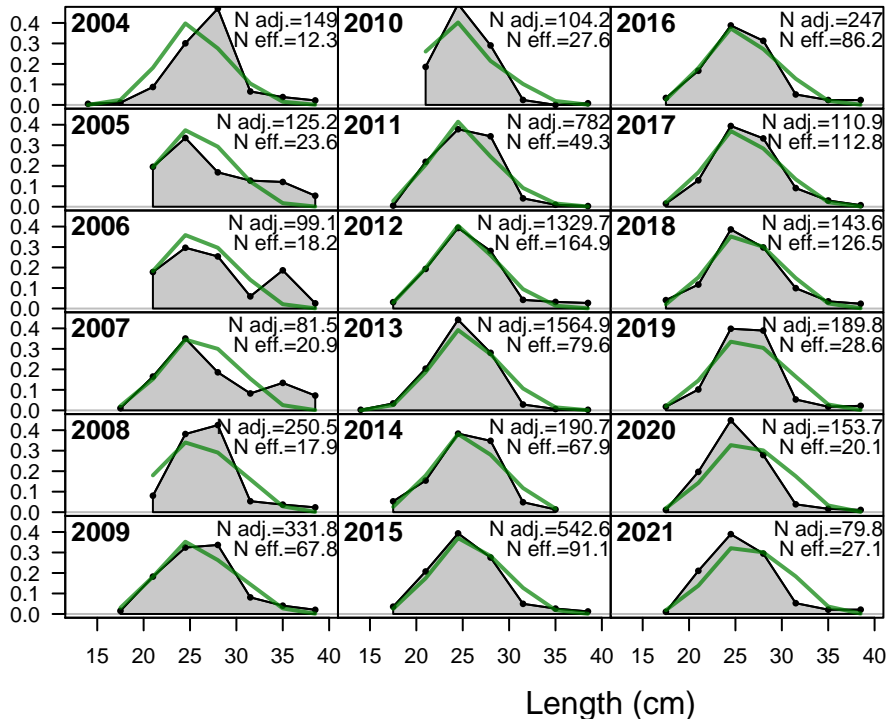
Sum of N adj.=6476  
Sum of N eff.=1042.4

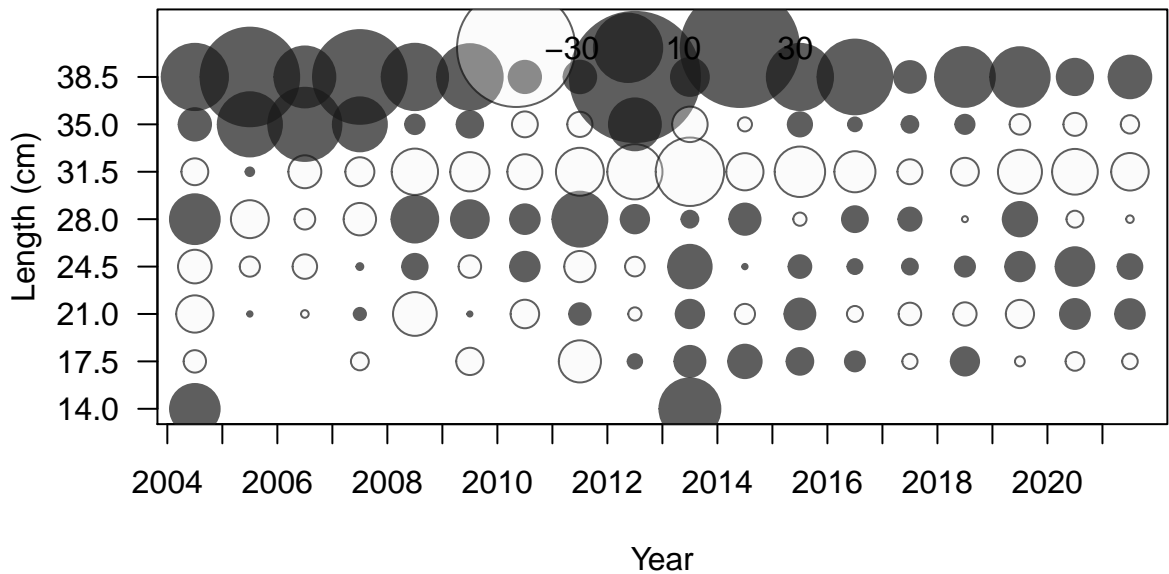




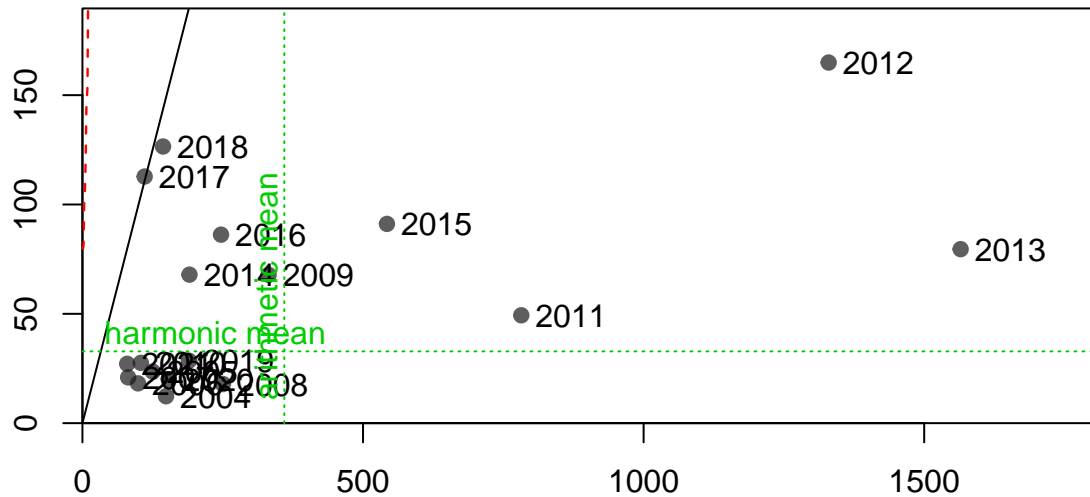


Proportion



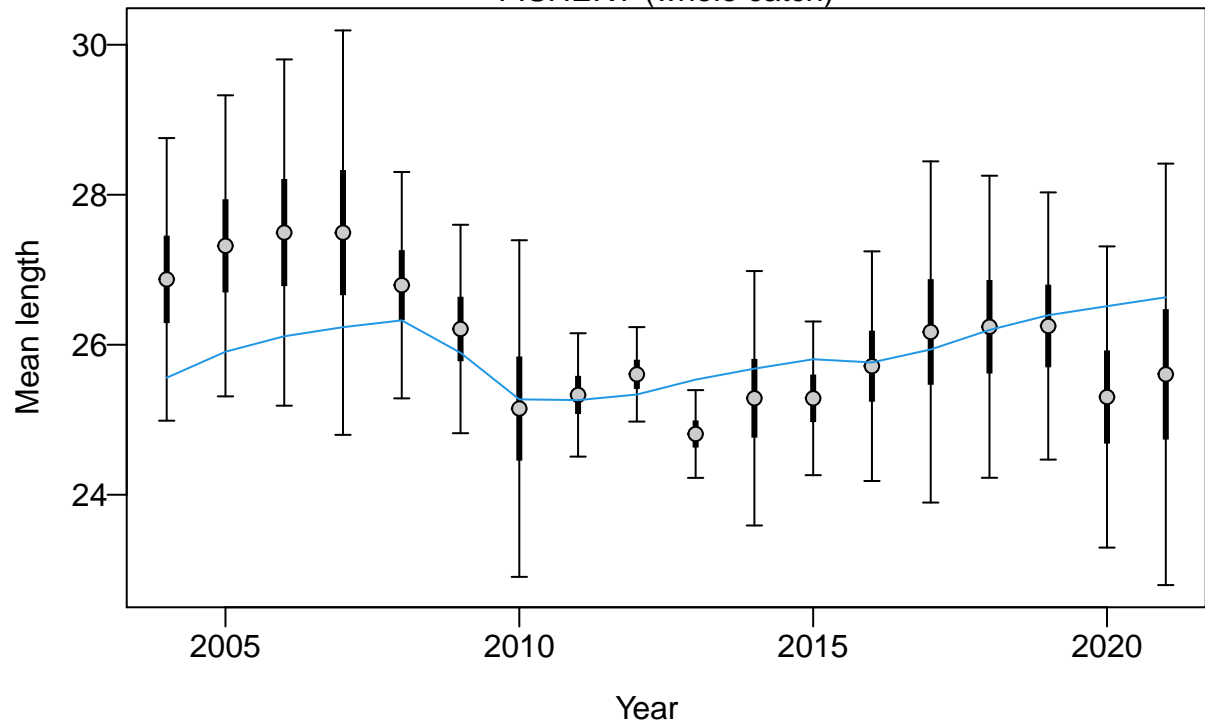


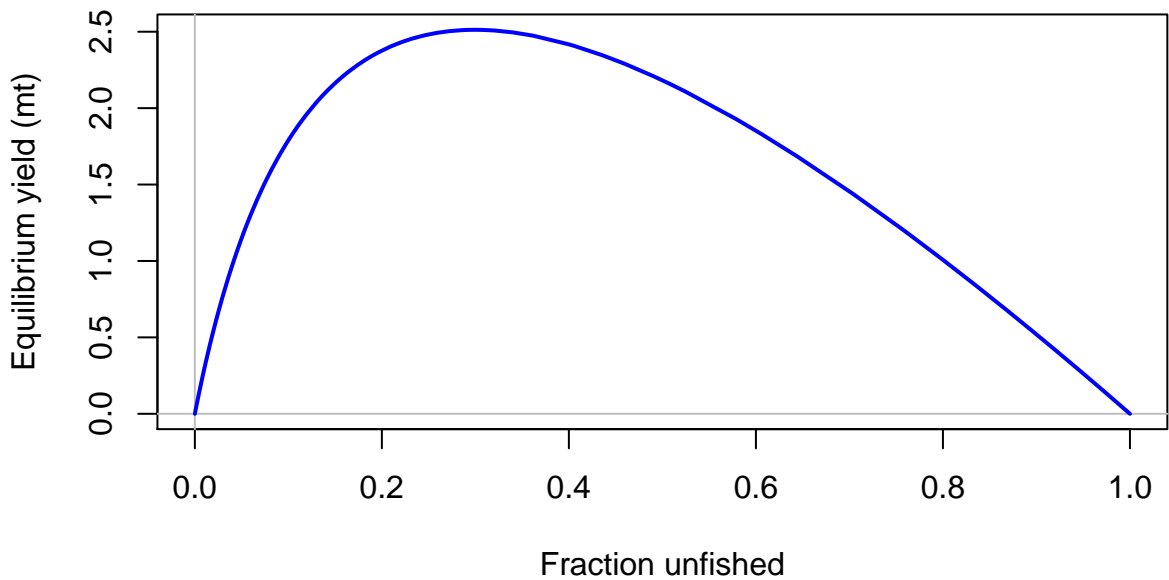
Effective sample size

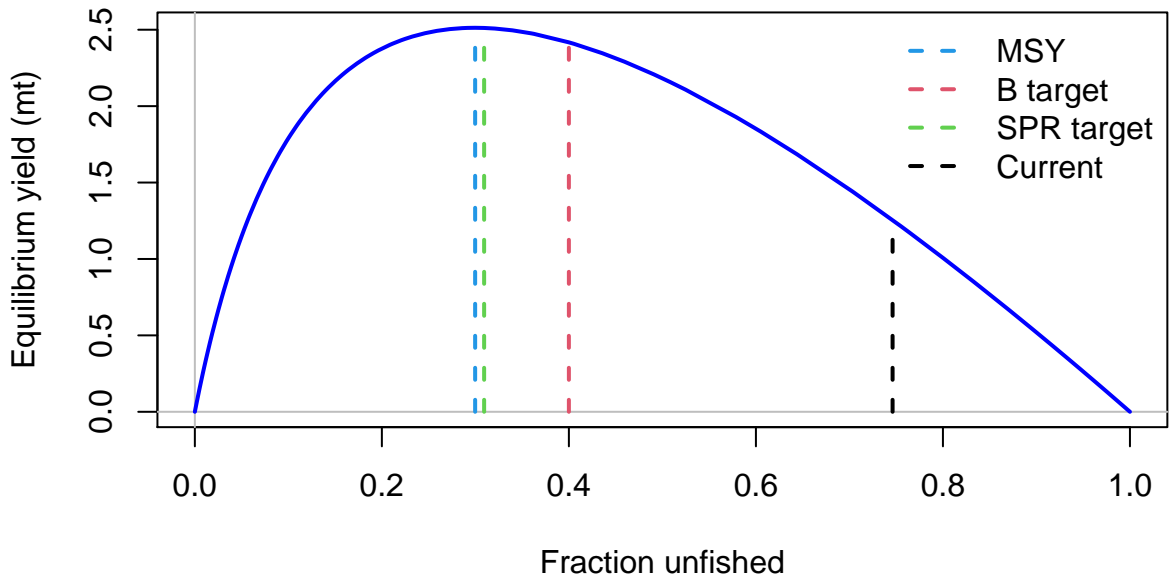


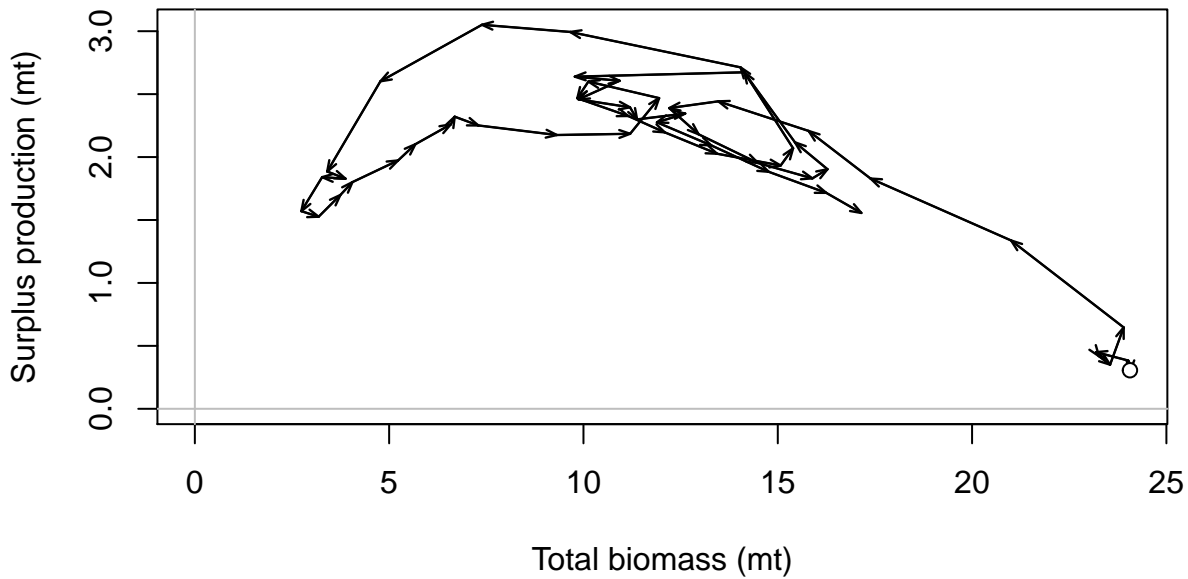
Observed sample size

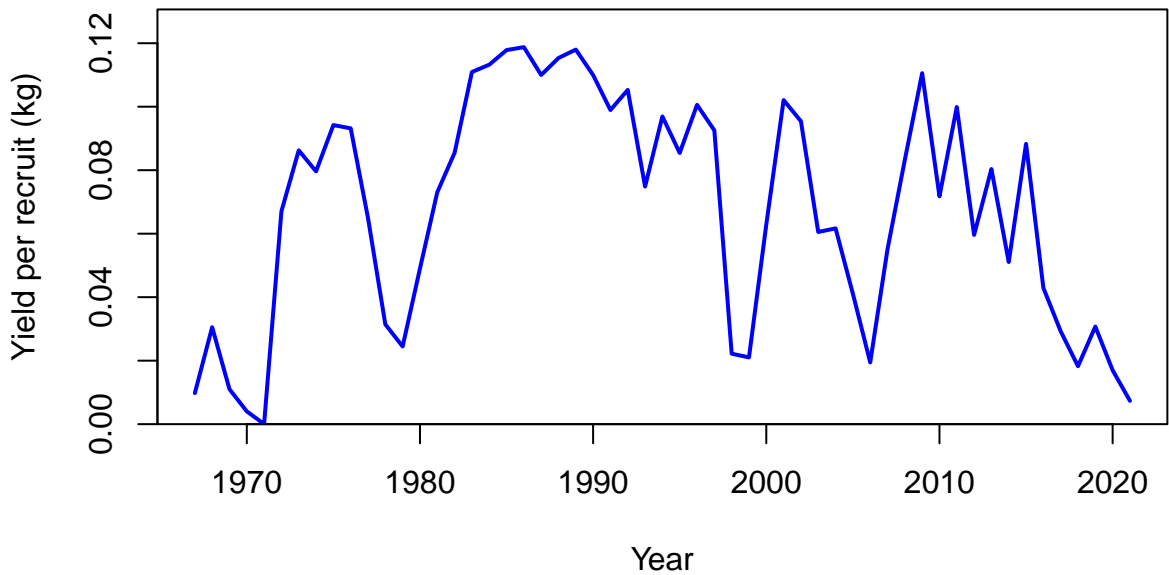
## FISHERY (whole catch)



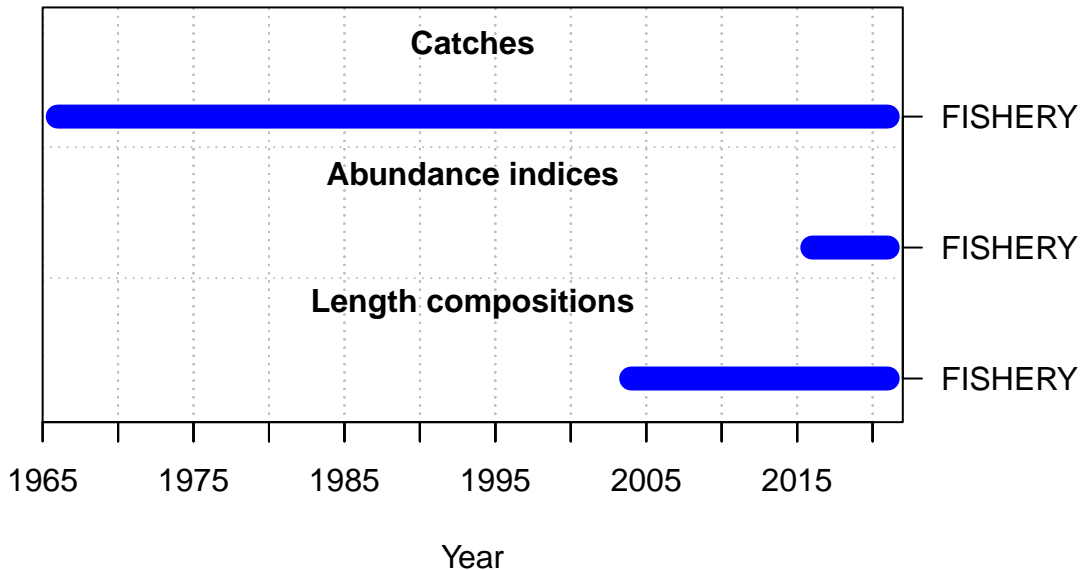


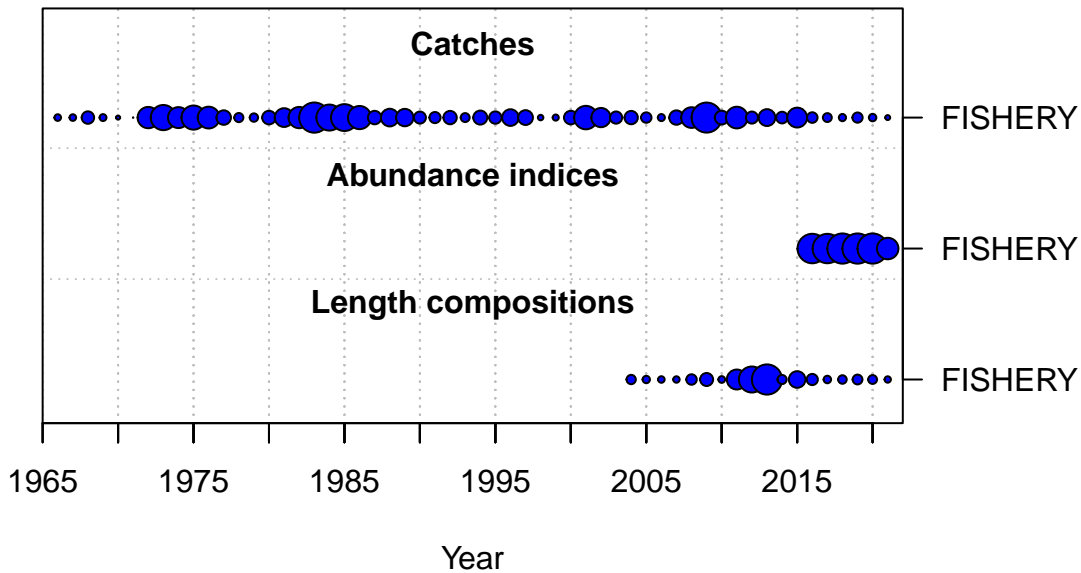




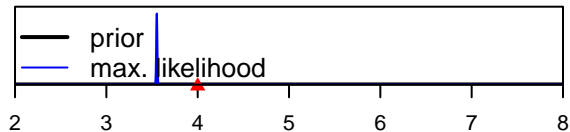




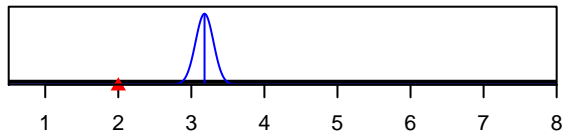




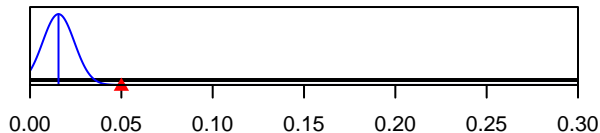
SR\_LN(R0)



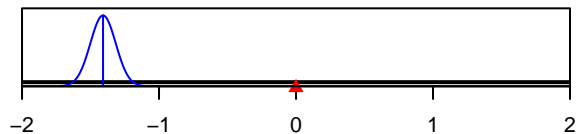
Size\_95%width\_FISHERY(1)



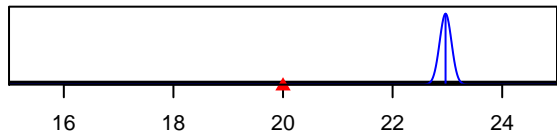
InitF\_seas\_1\_flt\_1FISHERY



LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Parameter value