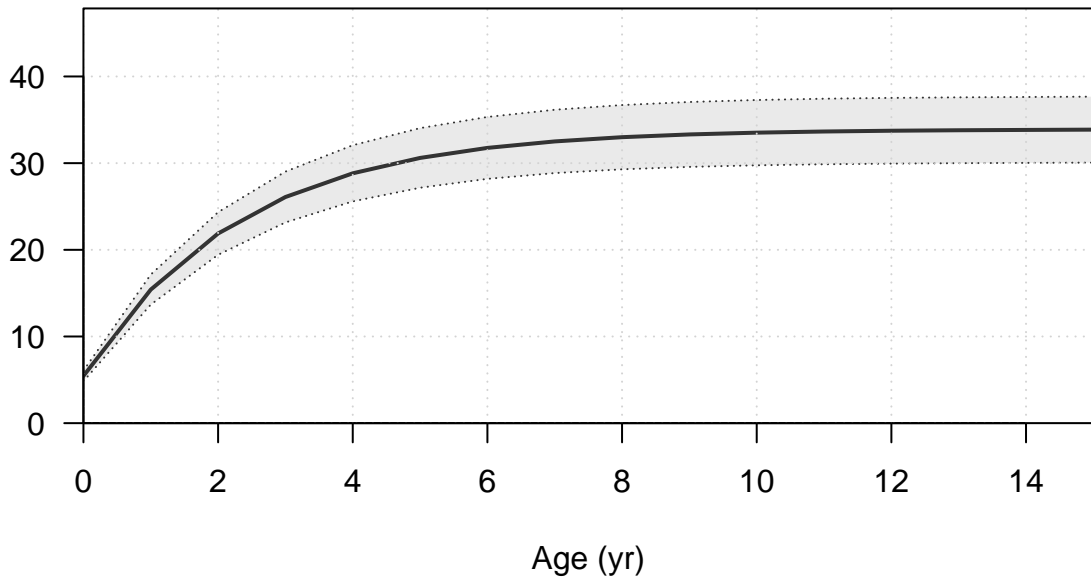
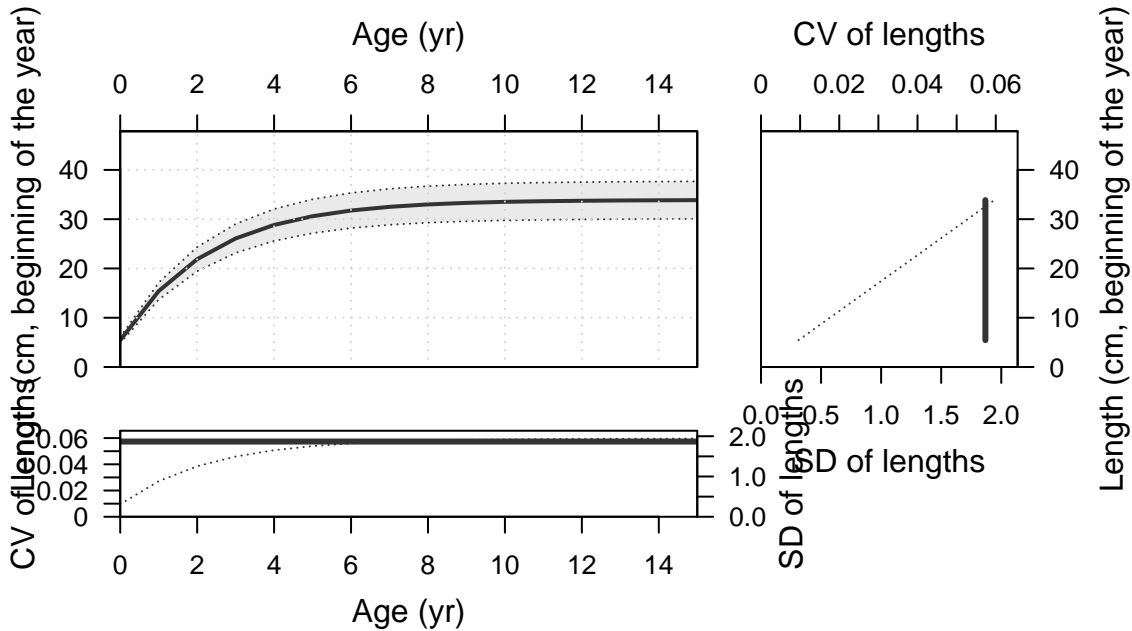
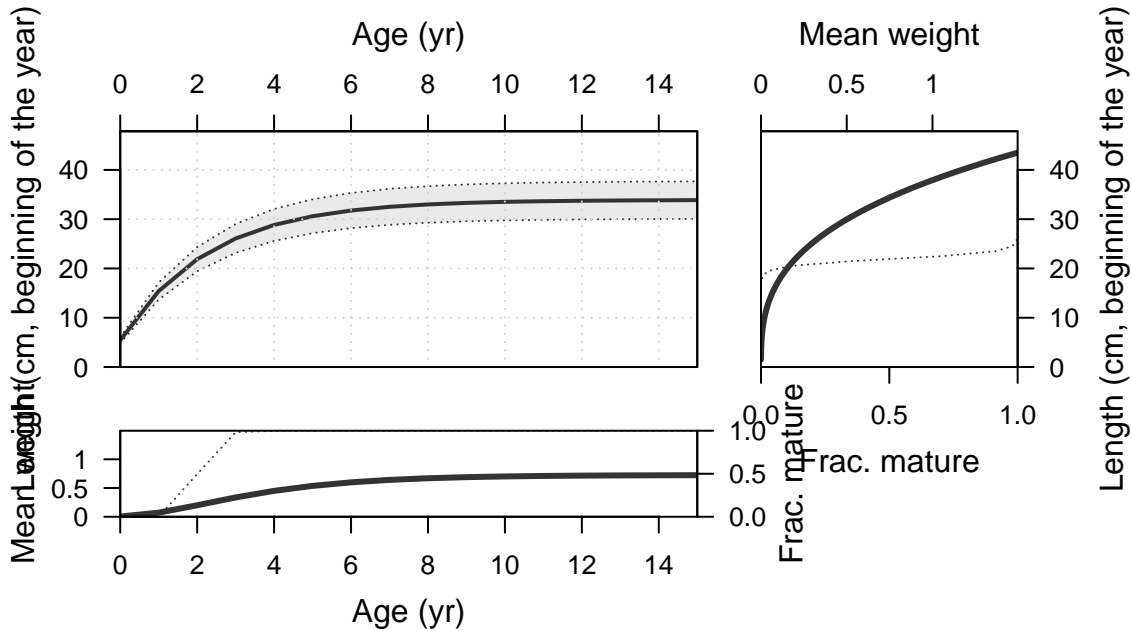


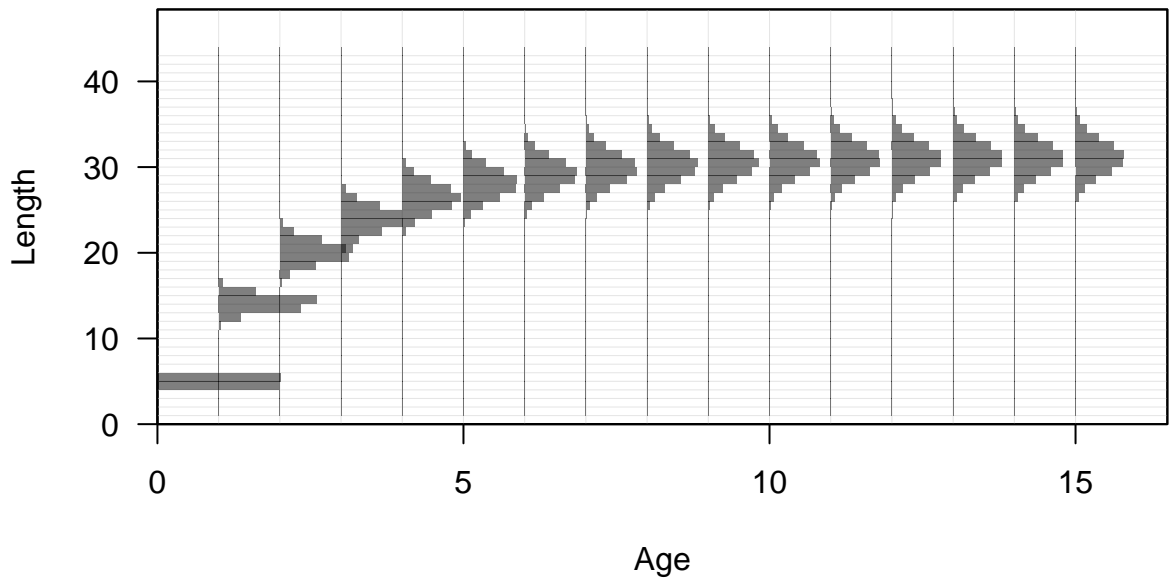
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Mon Aug 22 09:55:11 2022  
Data\_File: data.ss  
Control\_File: control.ss

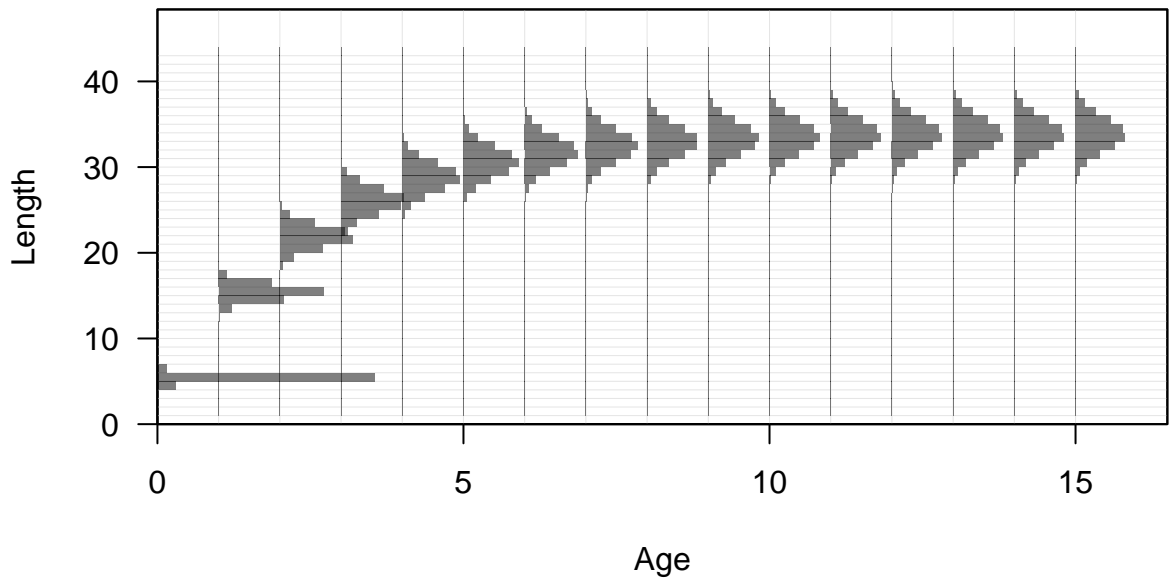
Length (cm, beginning of the year)

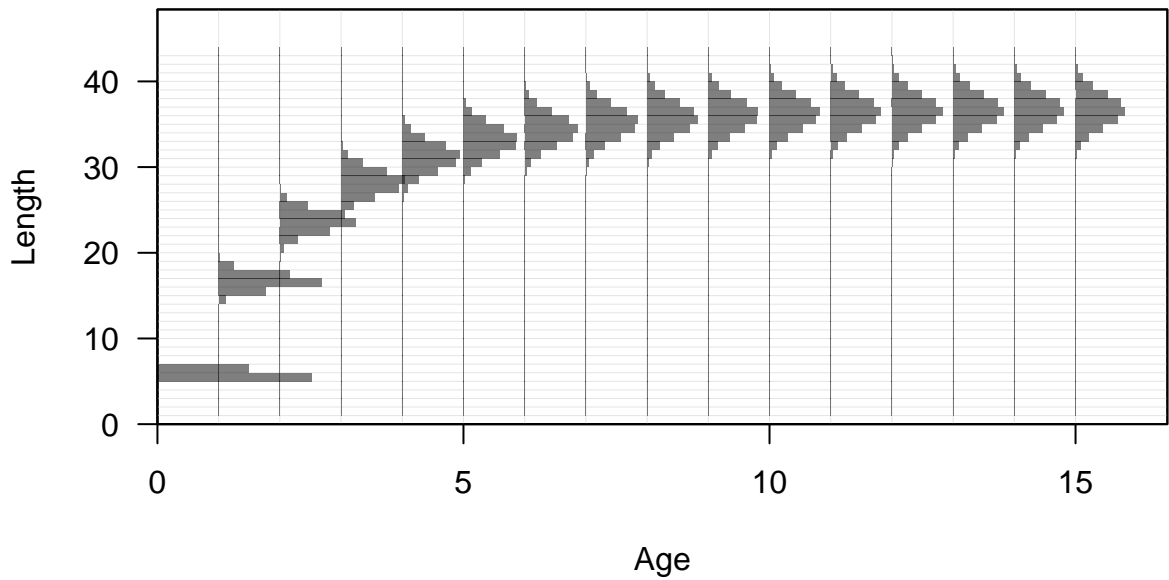


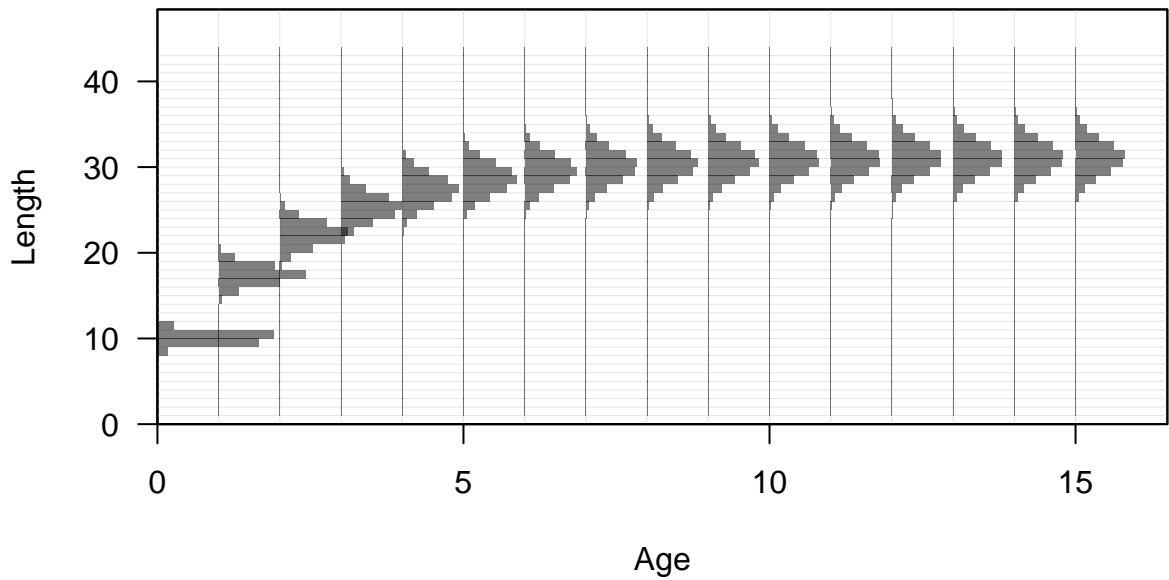




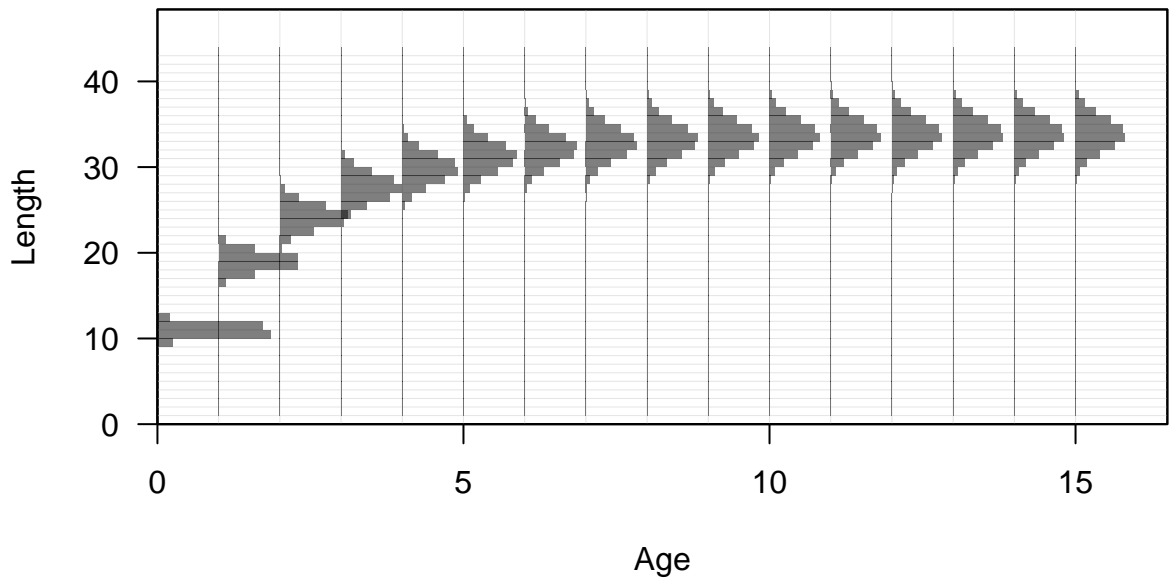


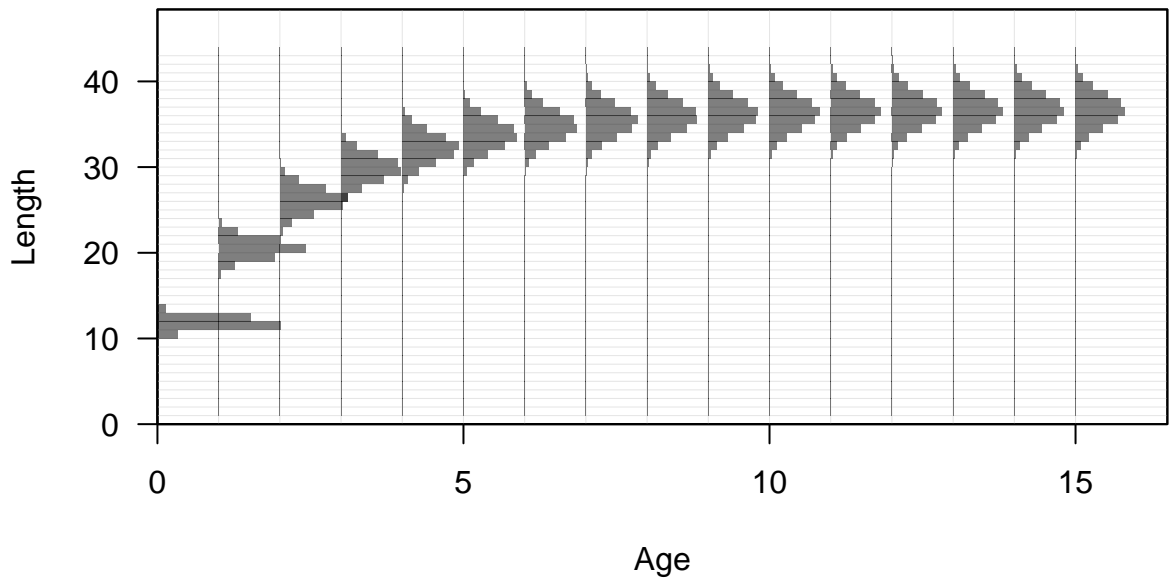


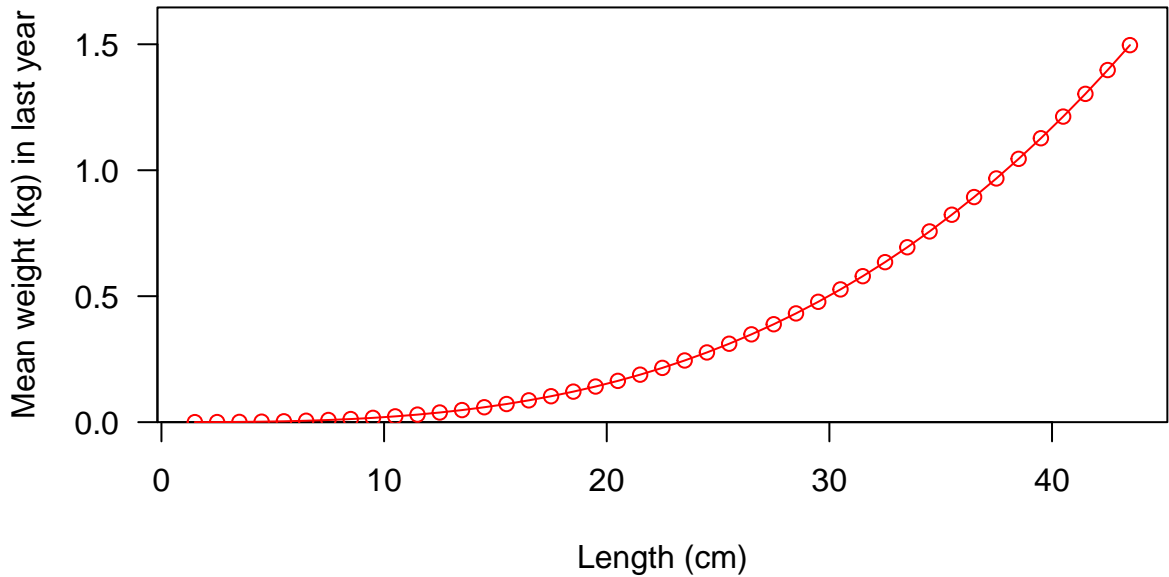


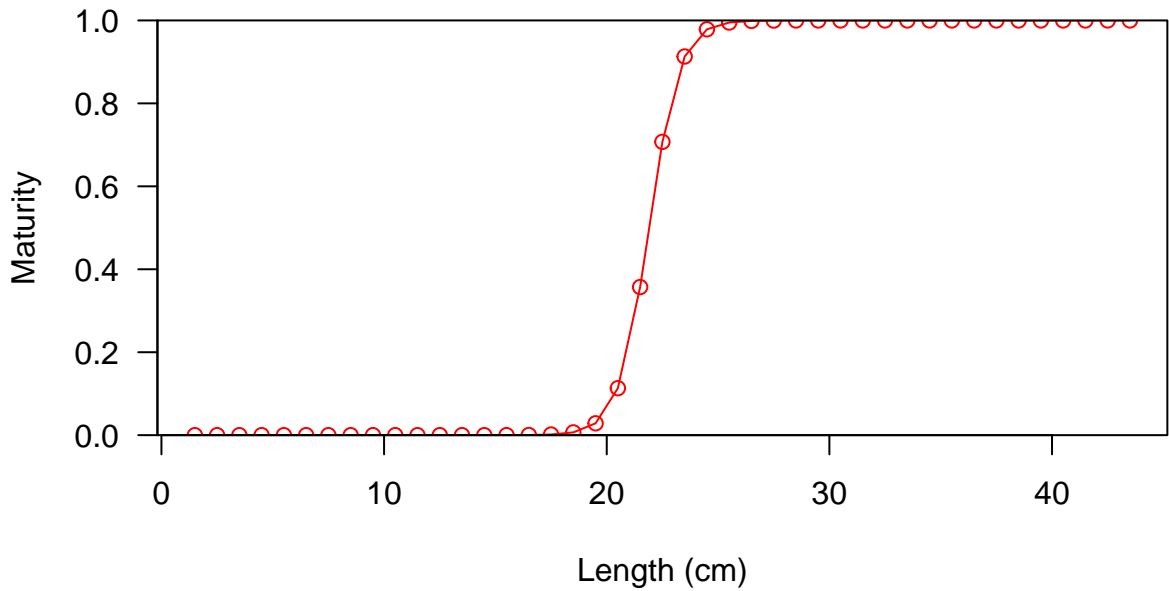


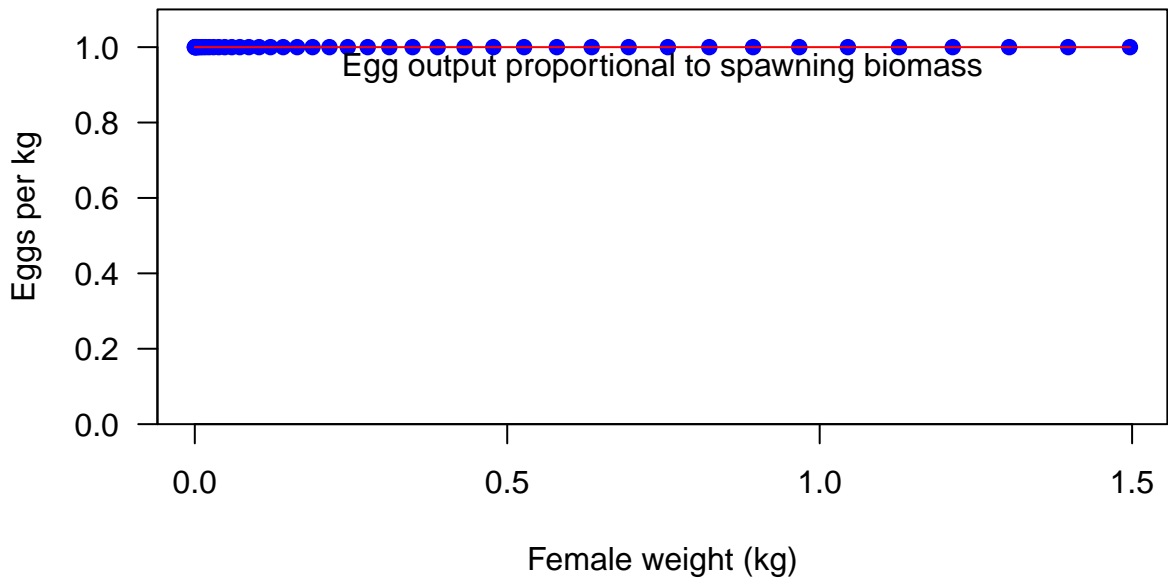


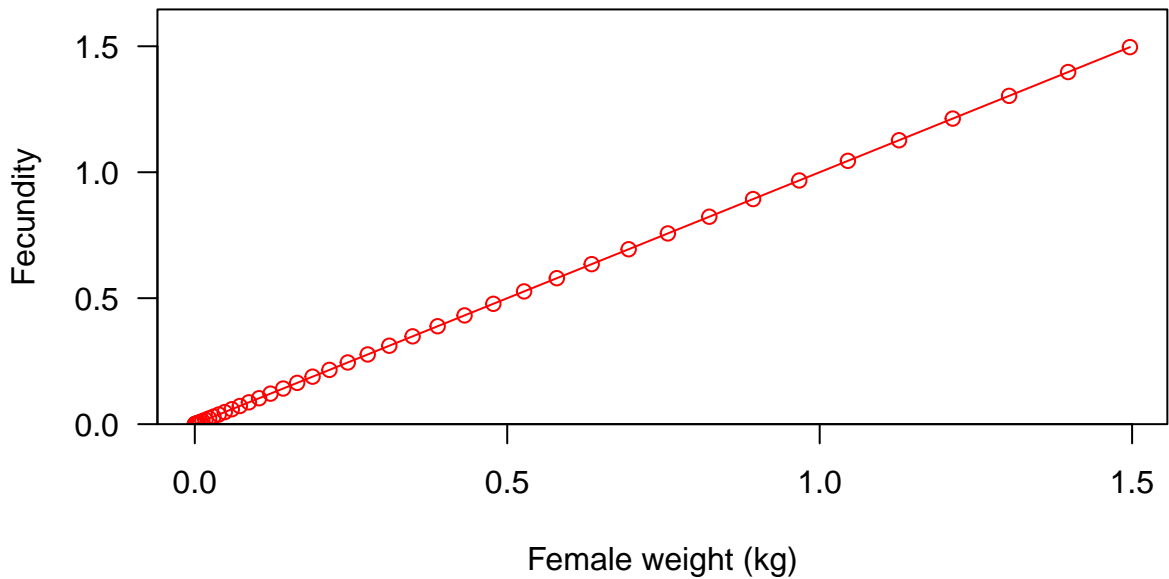


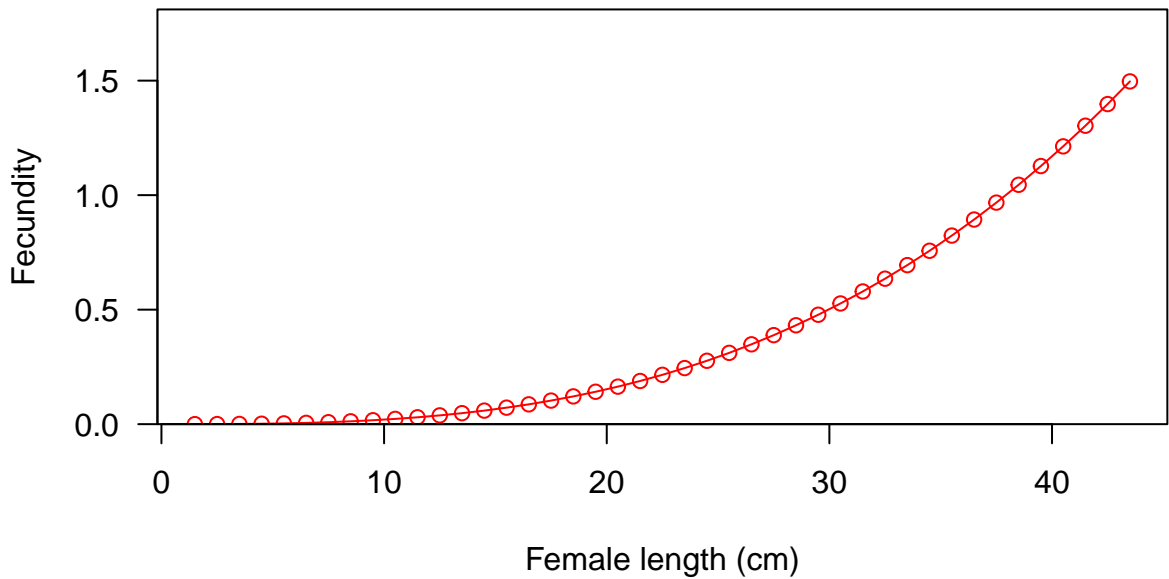


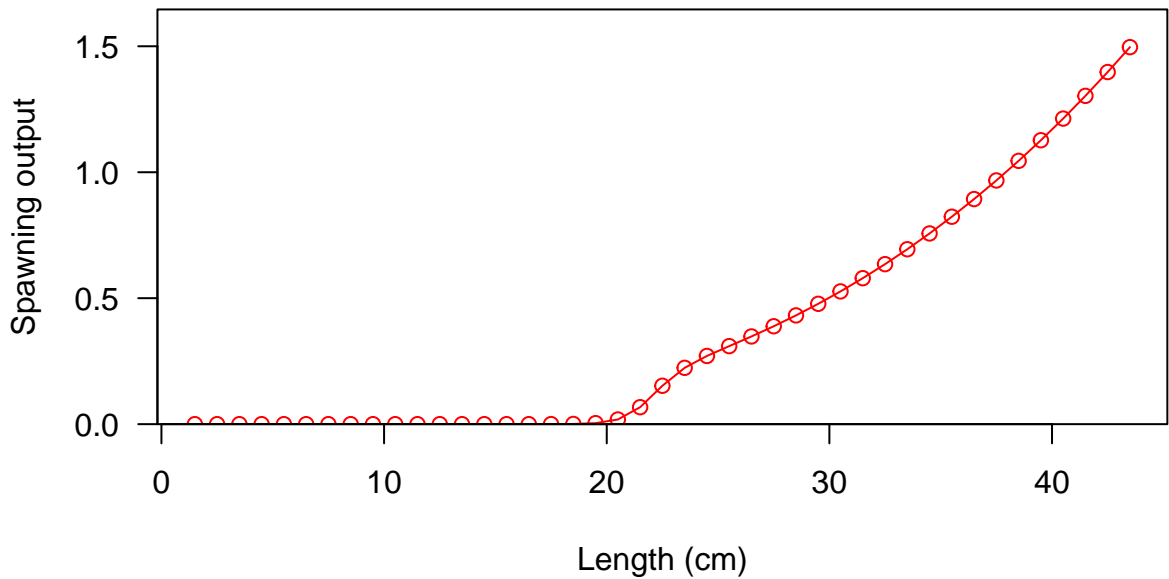




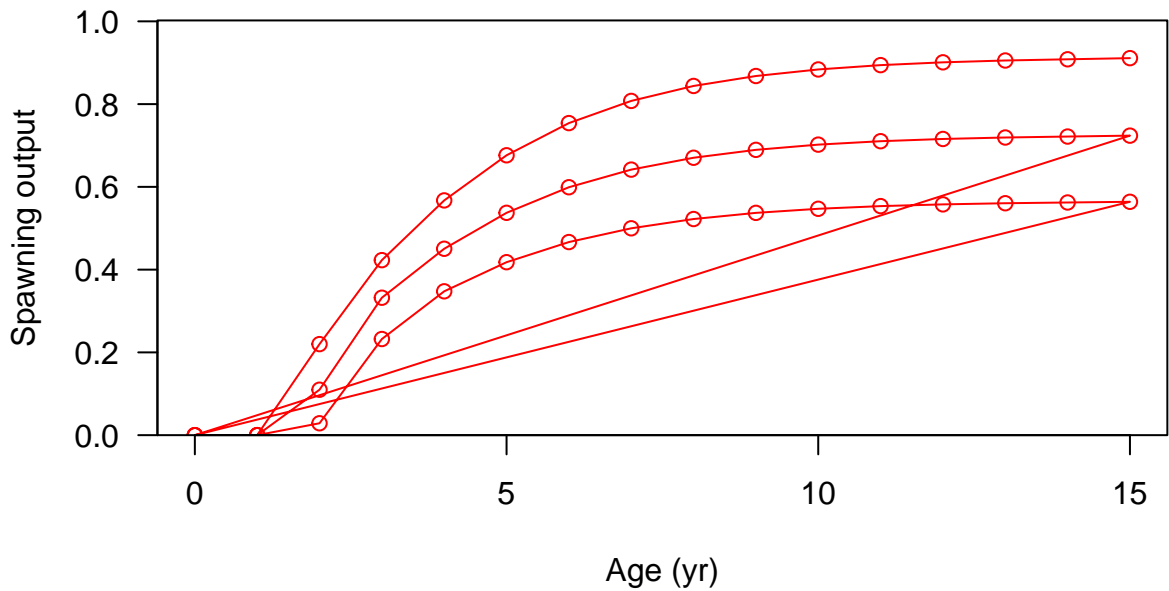




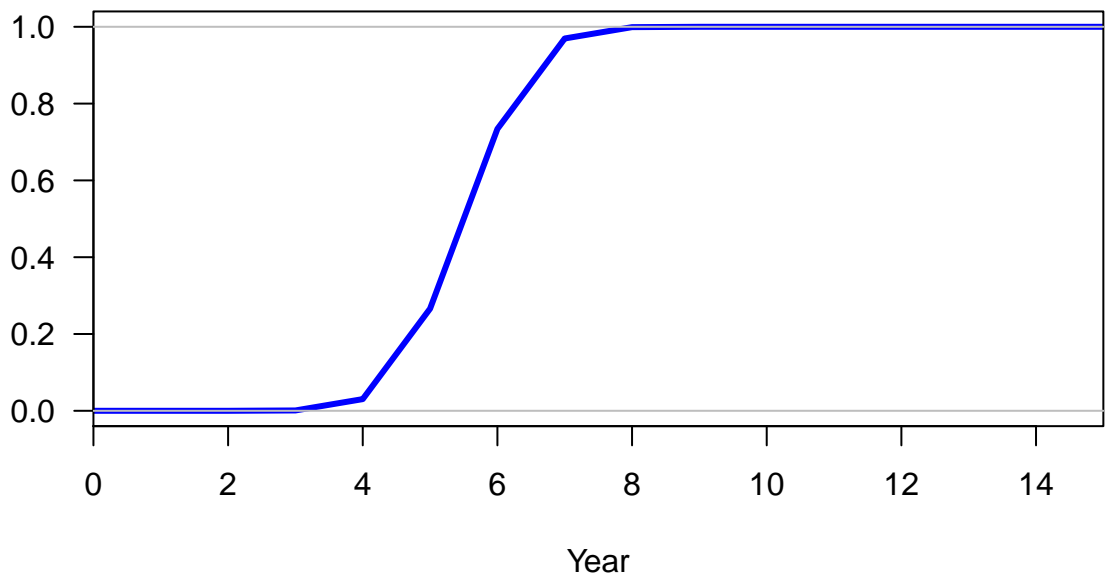




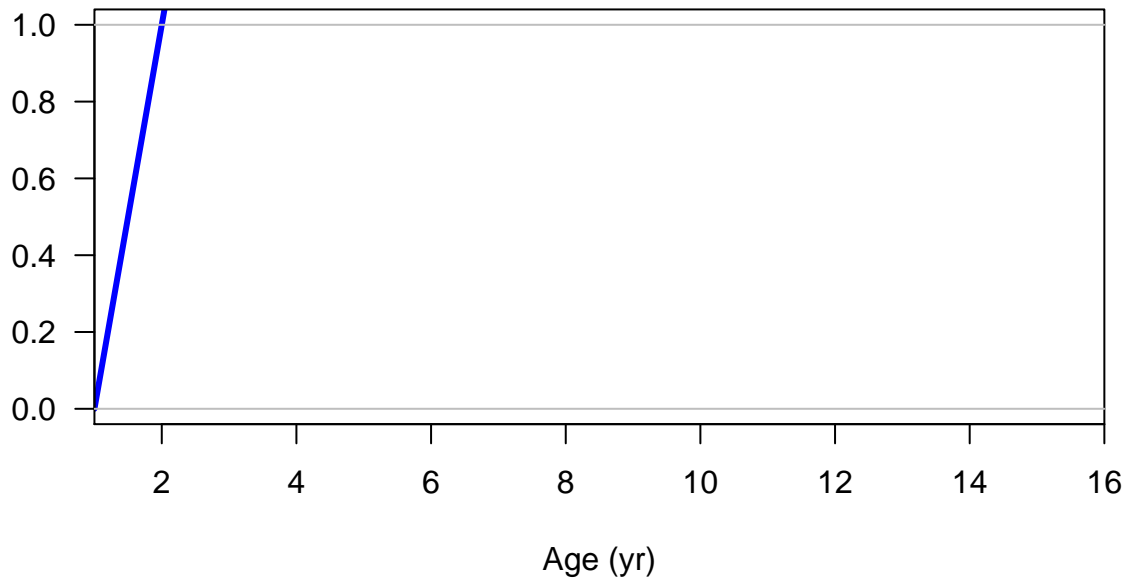




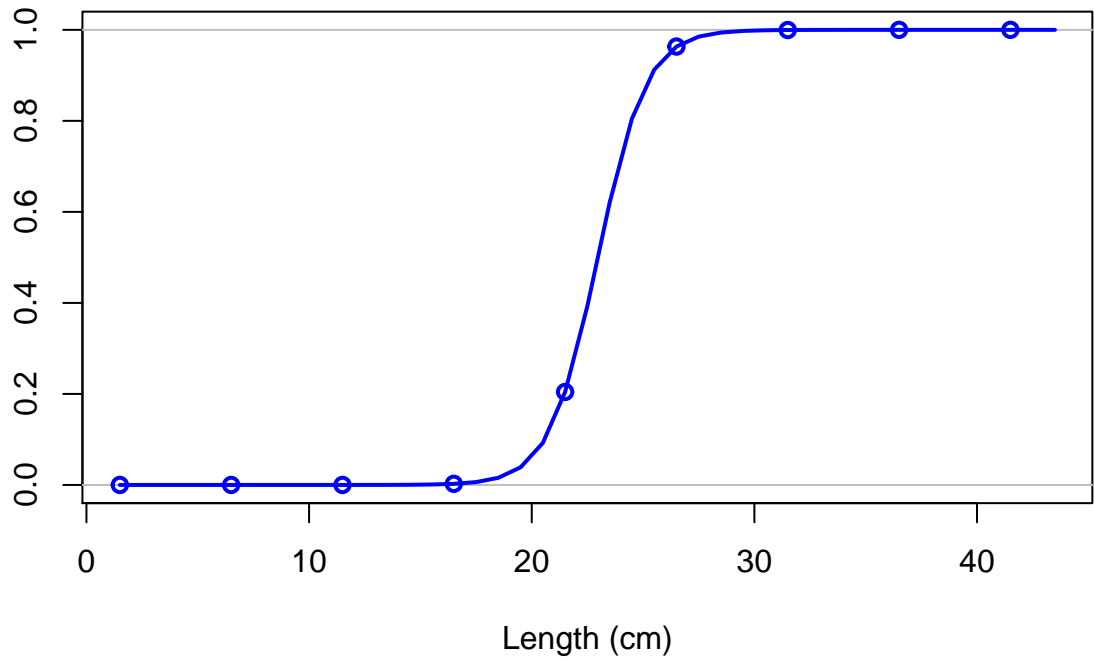
Hermaphroditism transition rate



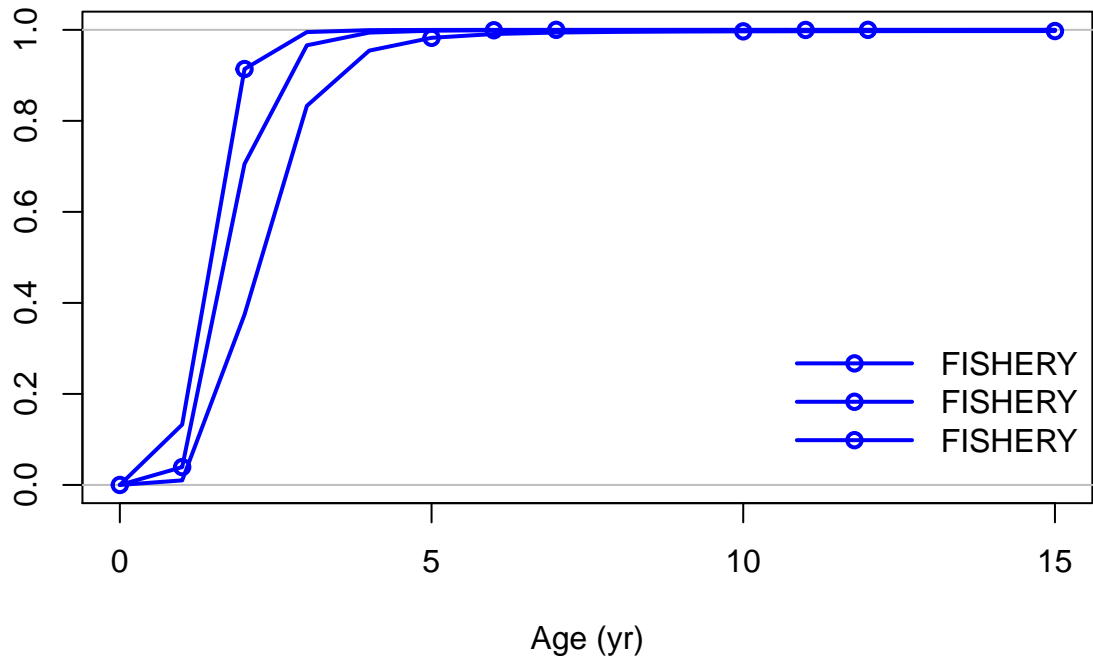
Fraction females by age at equilibrium



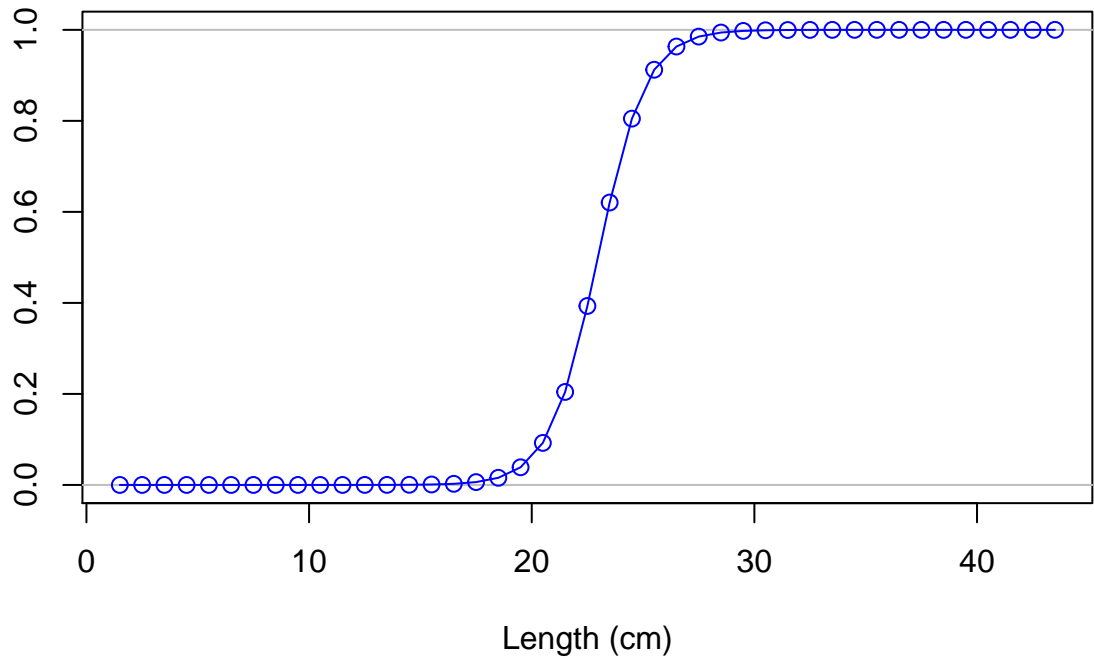
Selectivity

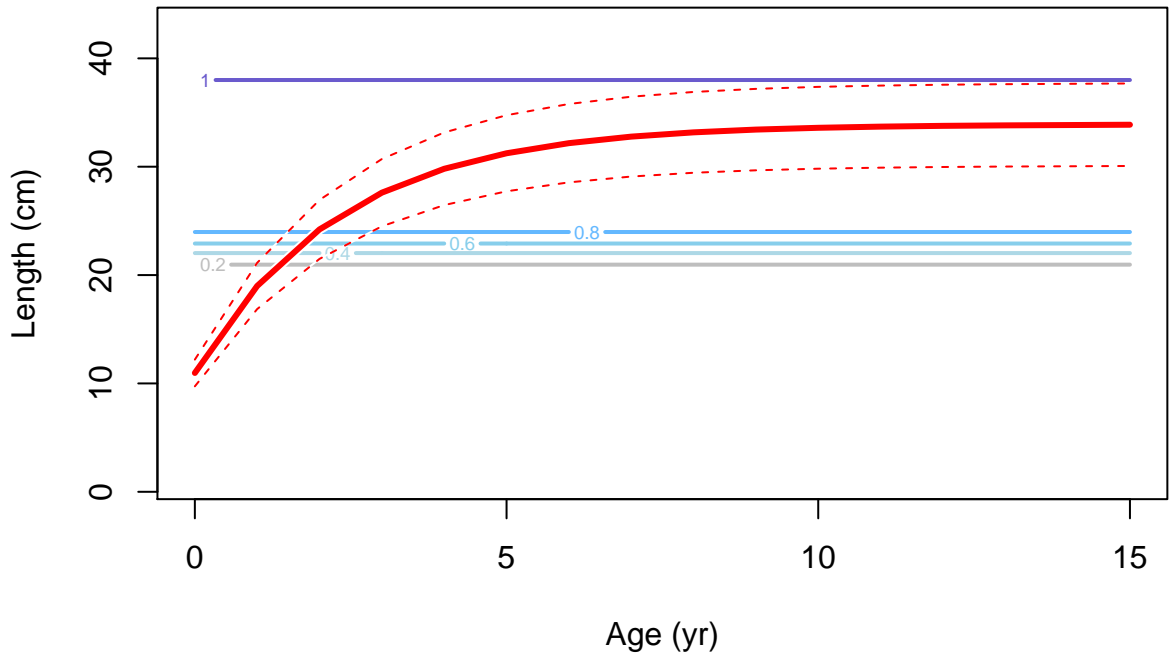


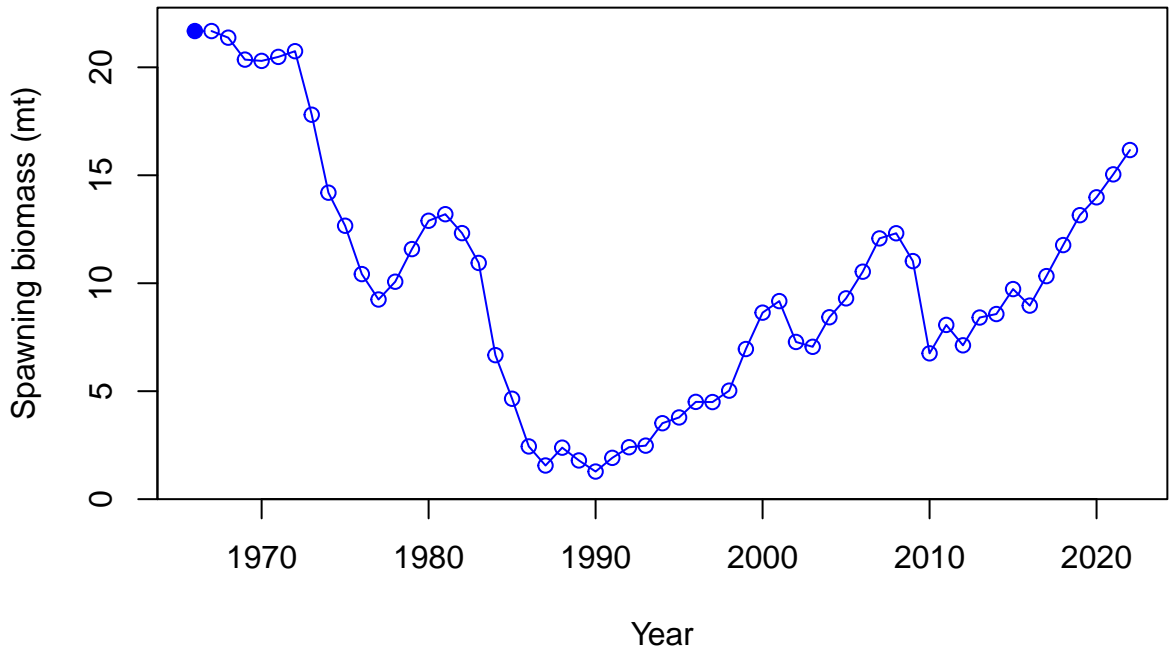
Selectivity



Selectivity

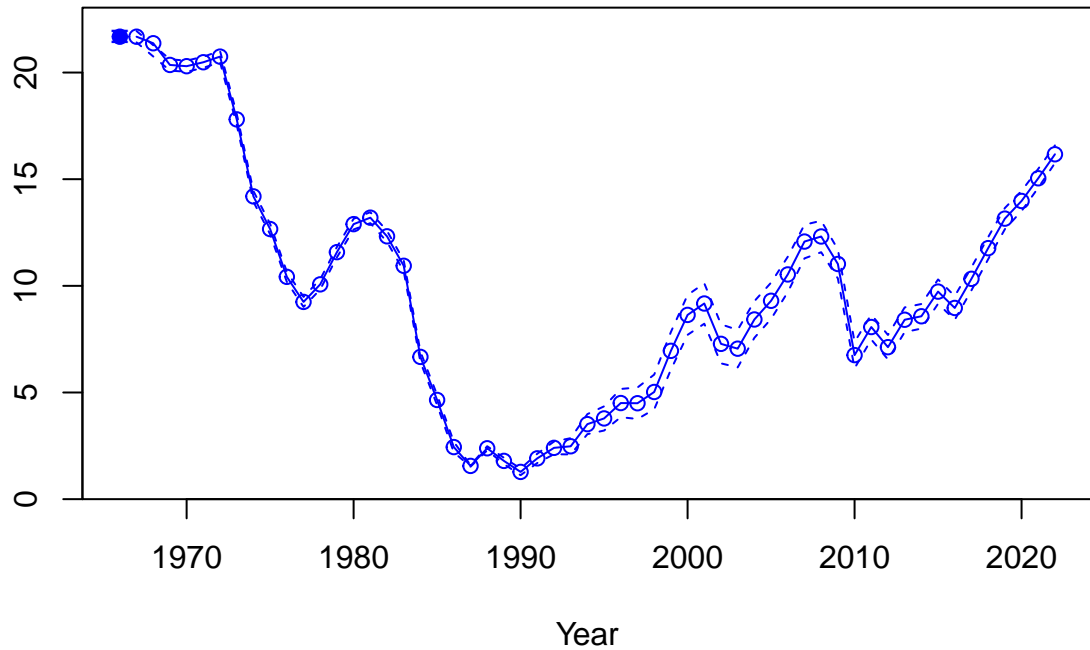




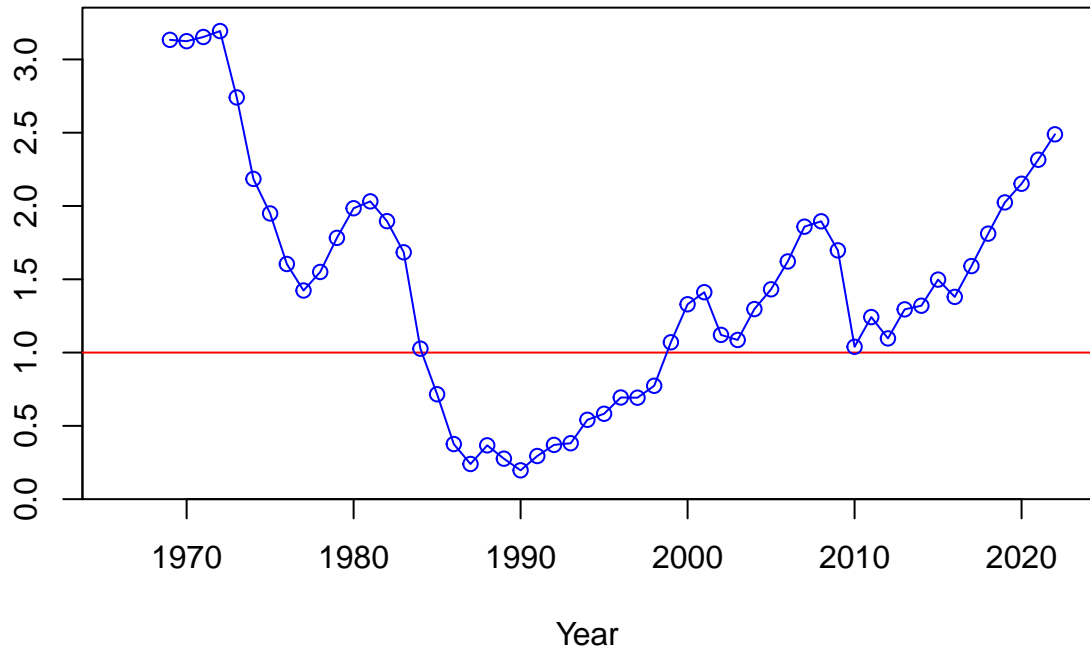




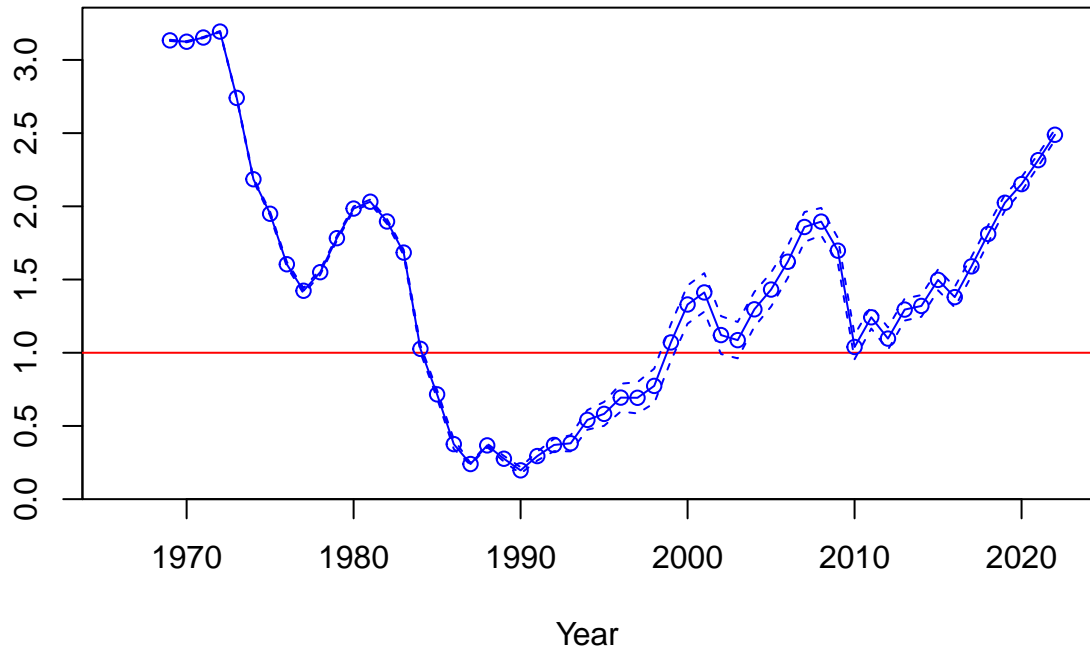
Spawning biomass (mt)

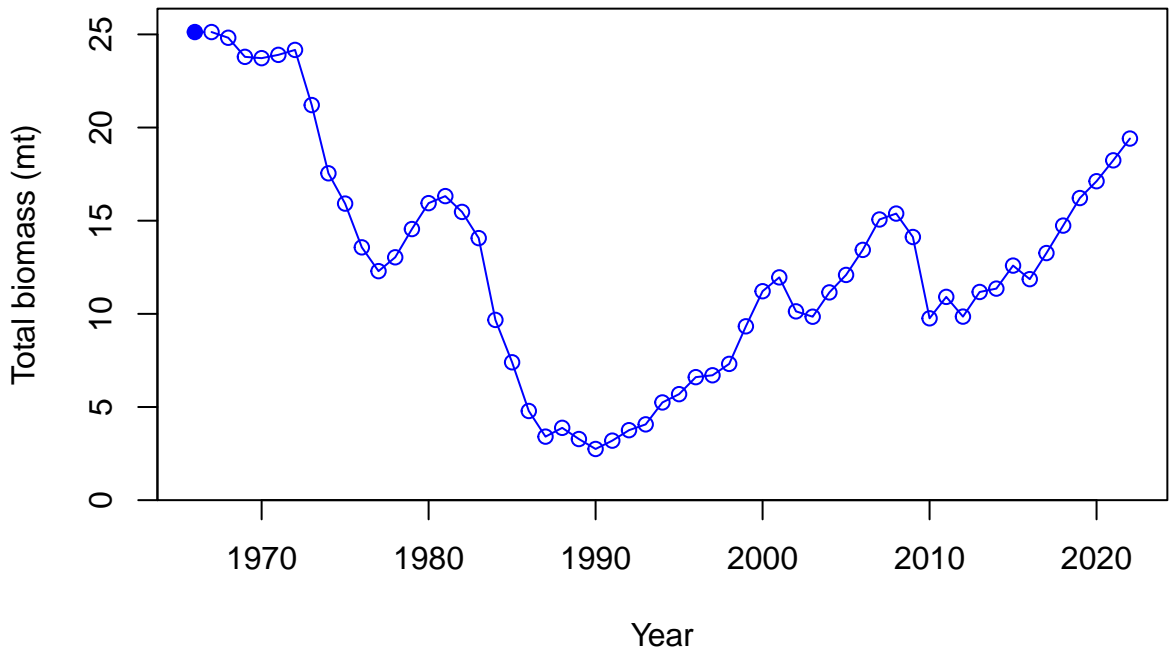


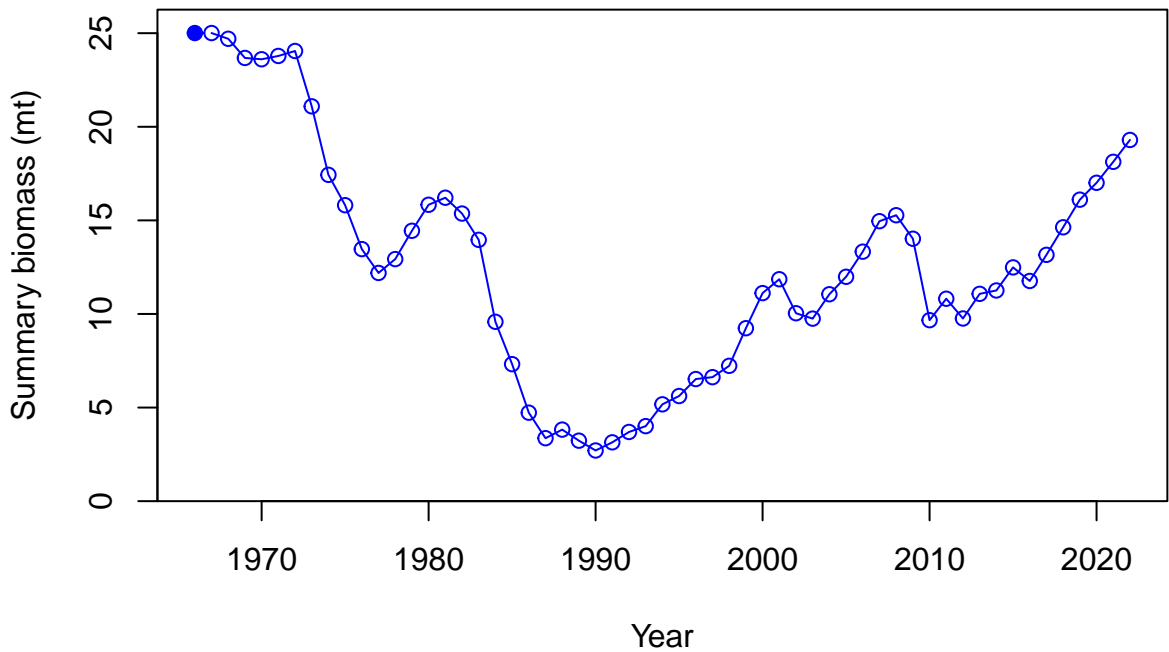
Relative spawning biomass:  $B/B_{MSY}$

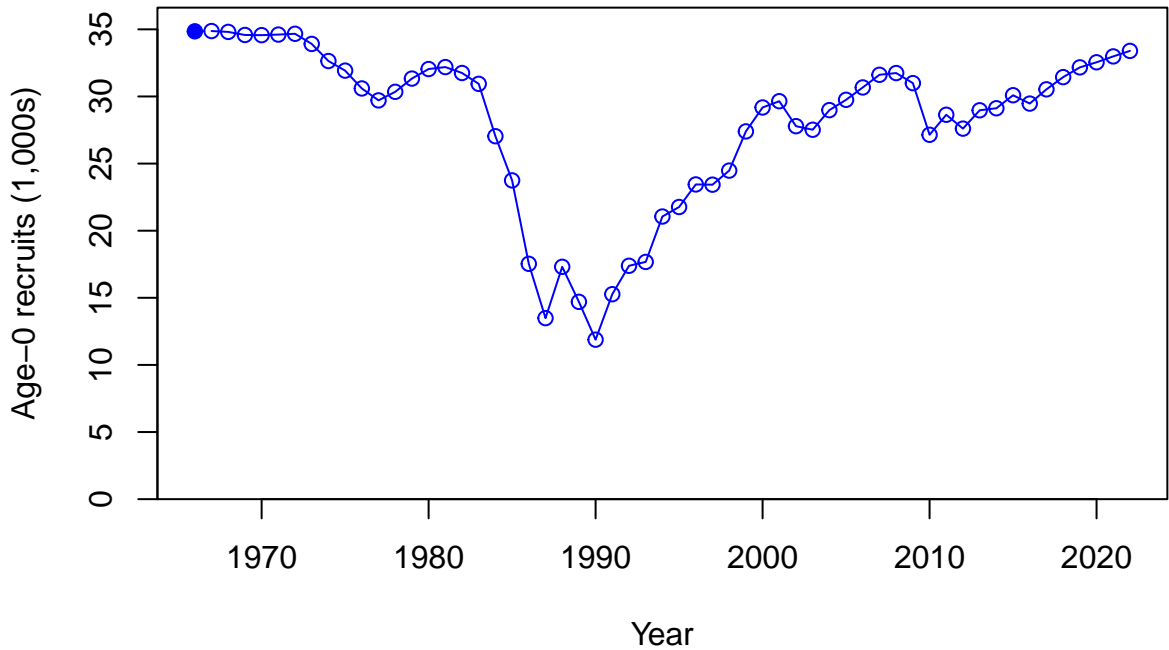


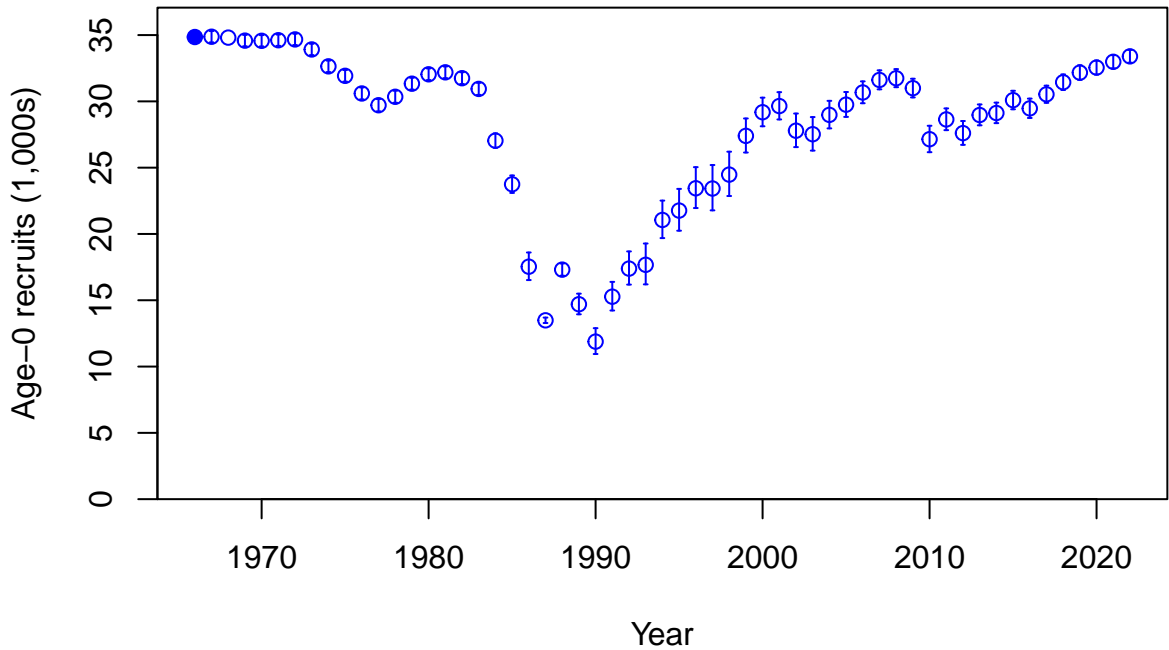
Relative spawning biomass:  $B/B_{MSY}$



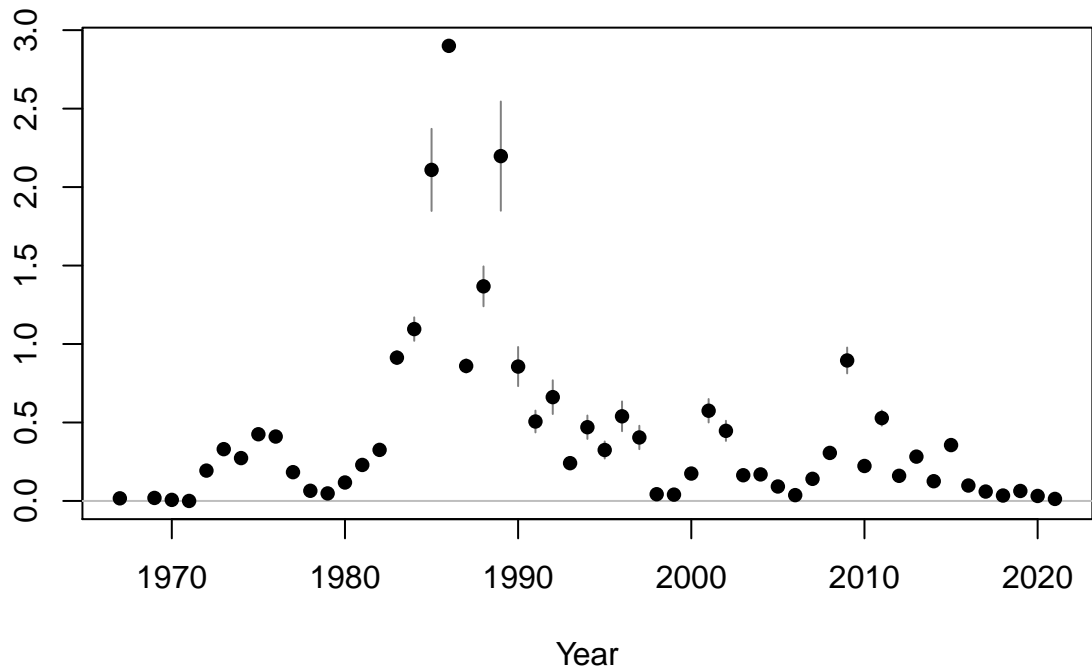




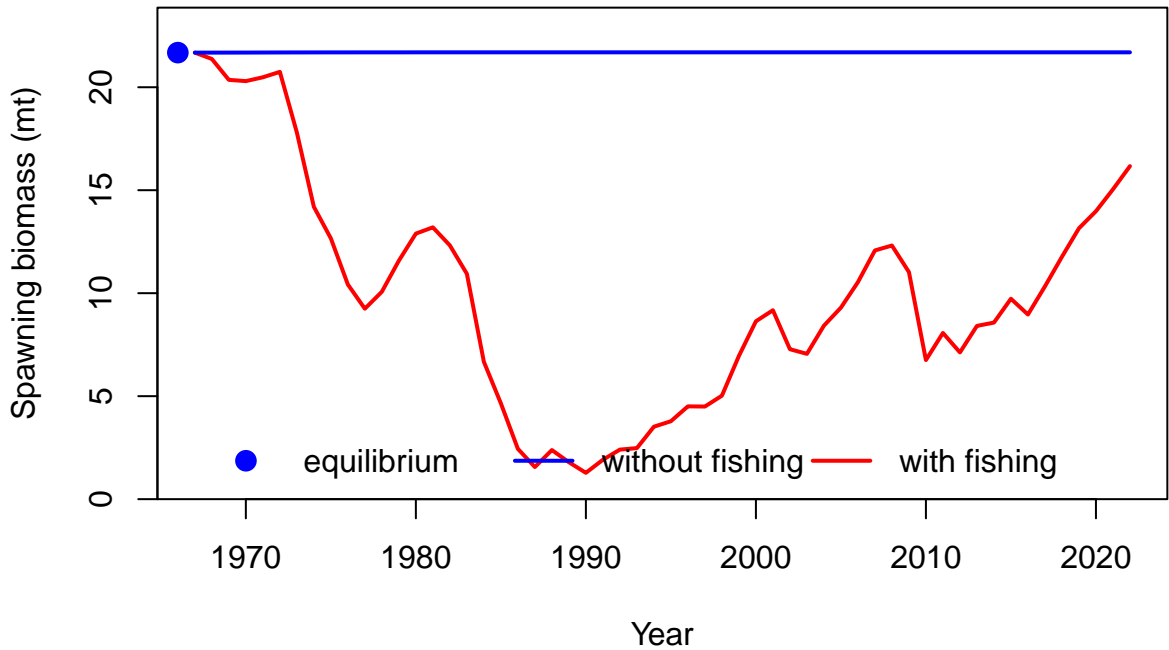


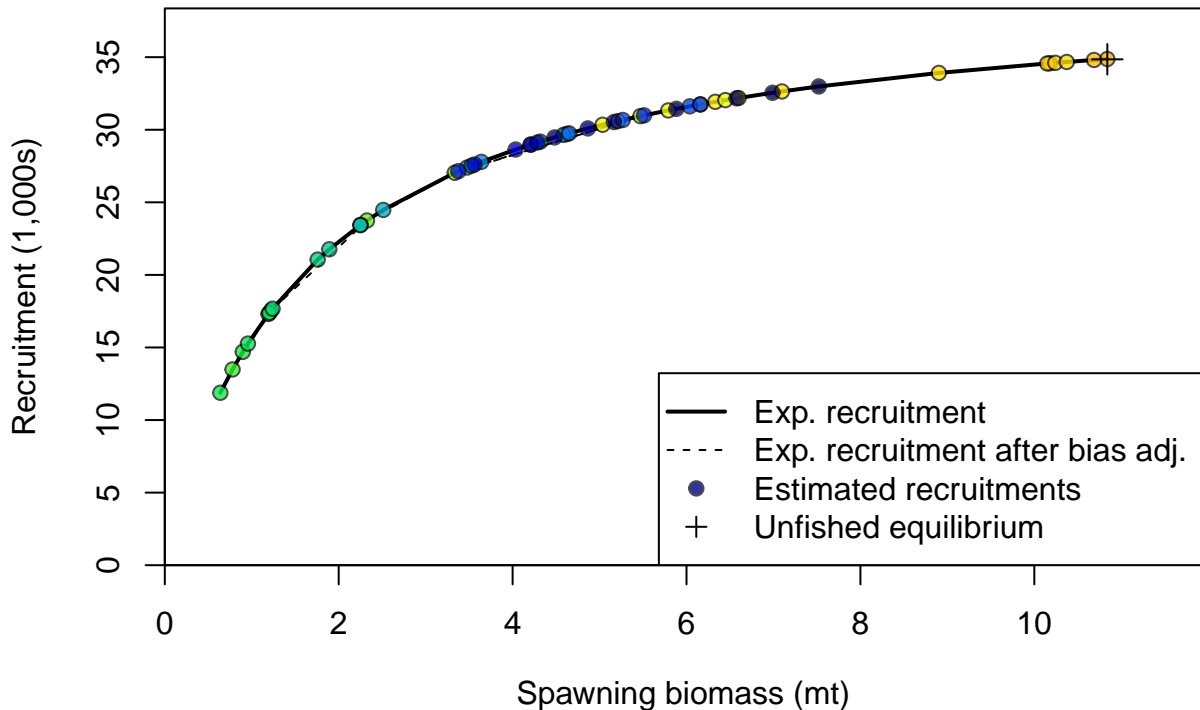


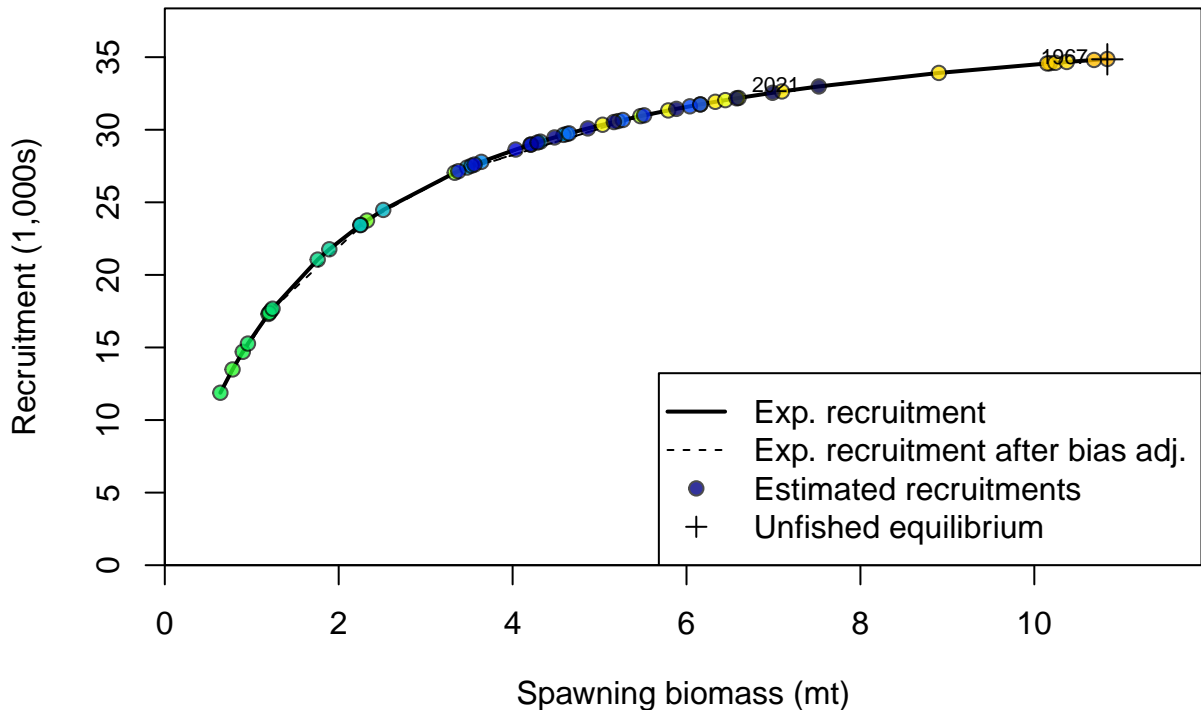
Summary Fishing Mortality

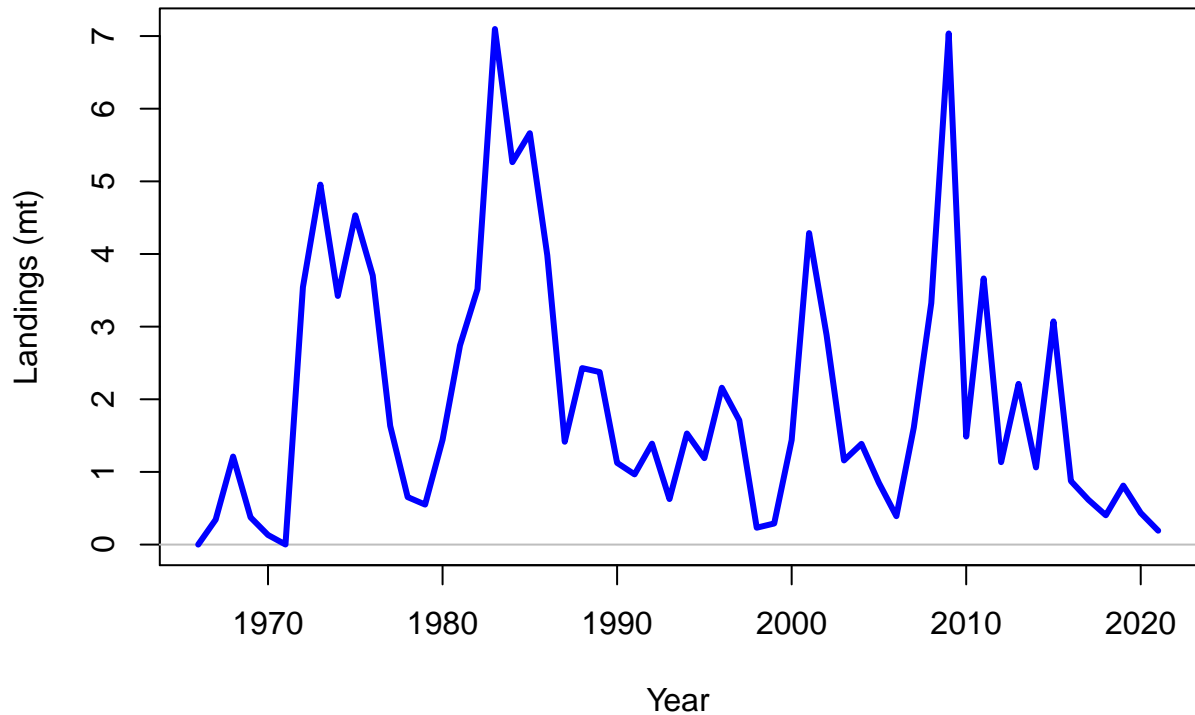


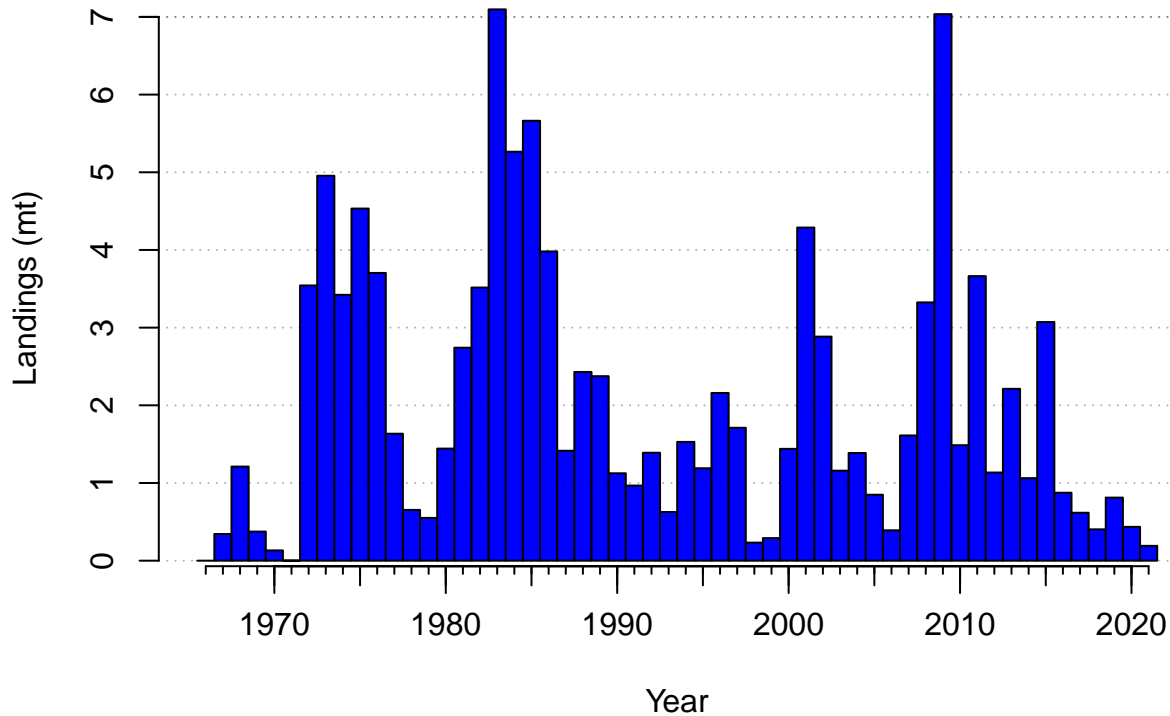


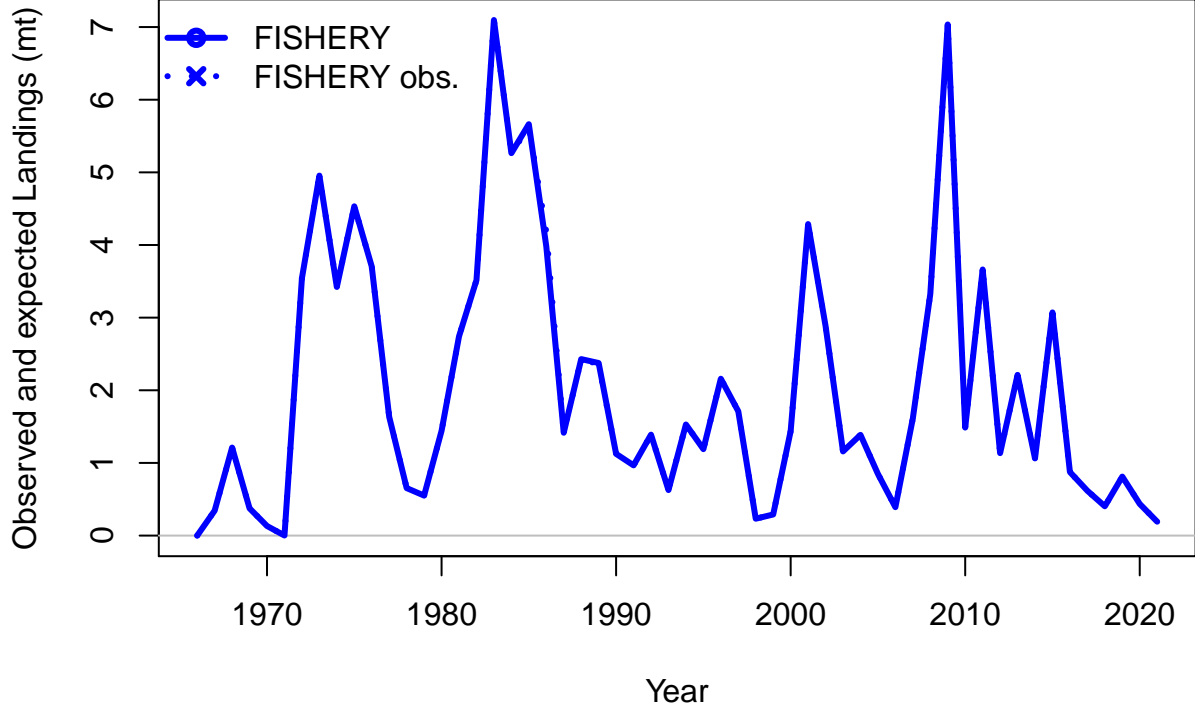


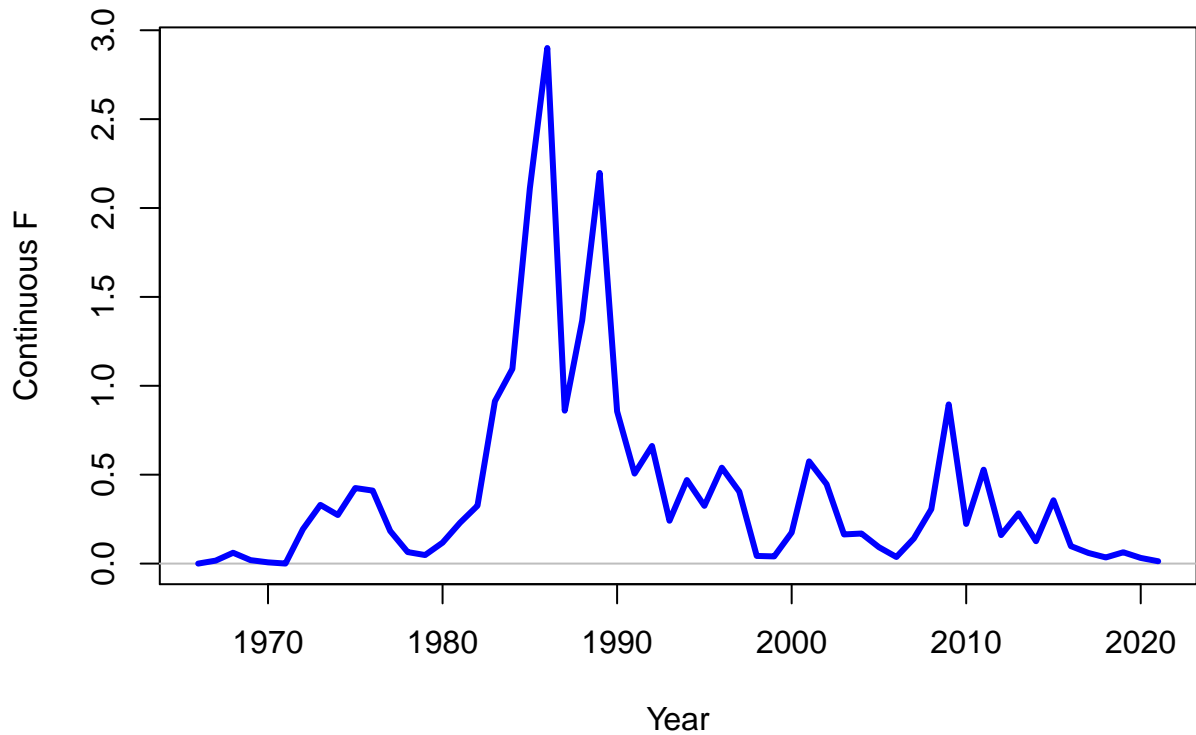




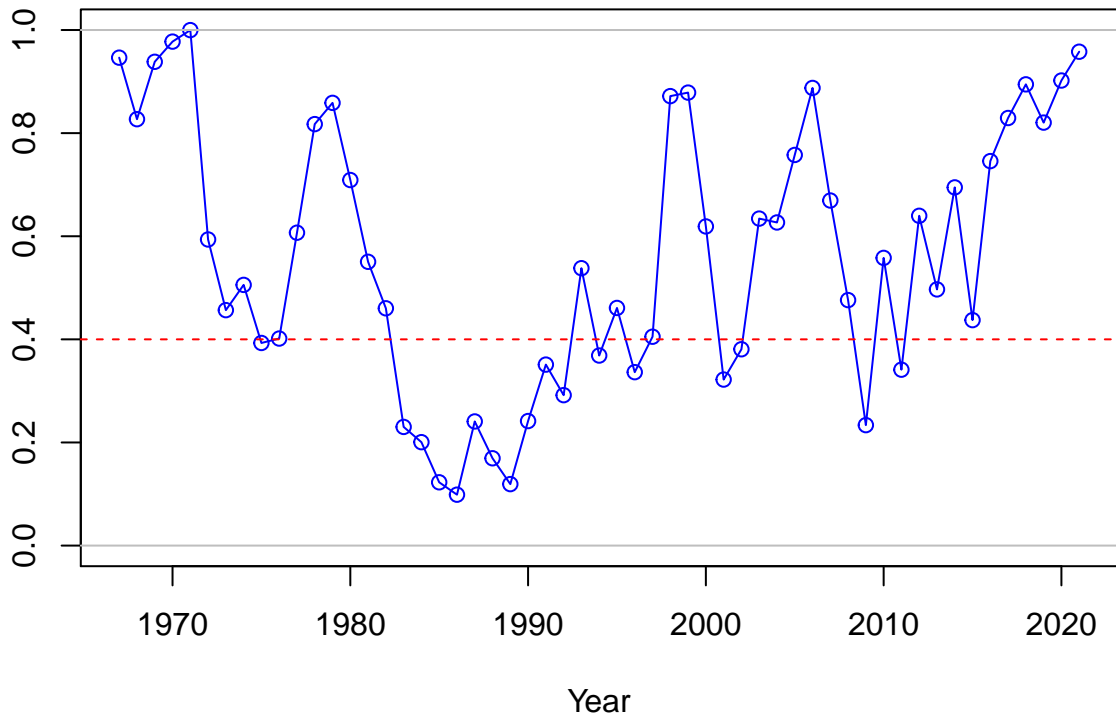






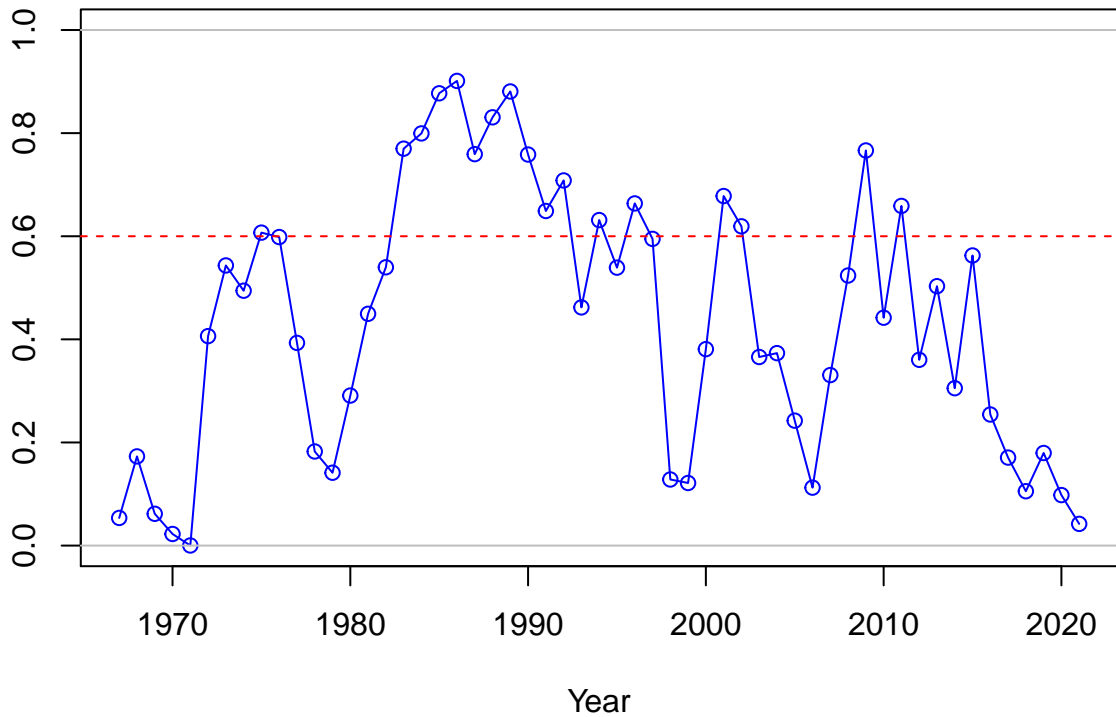


SPR

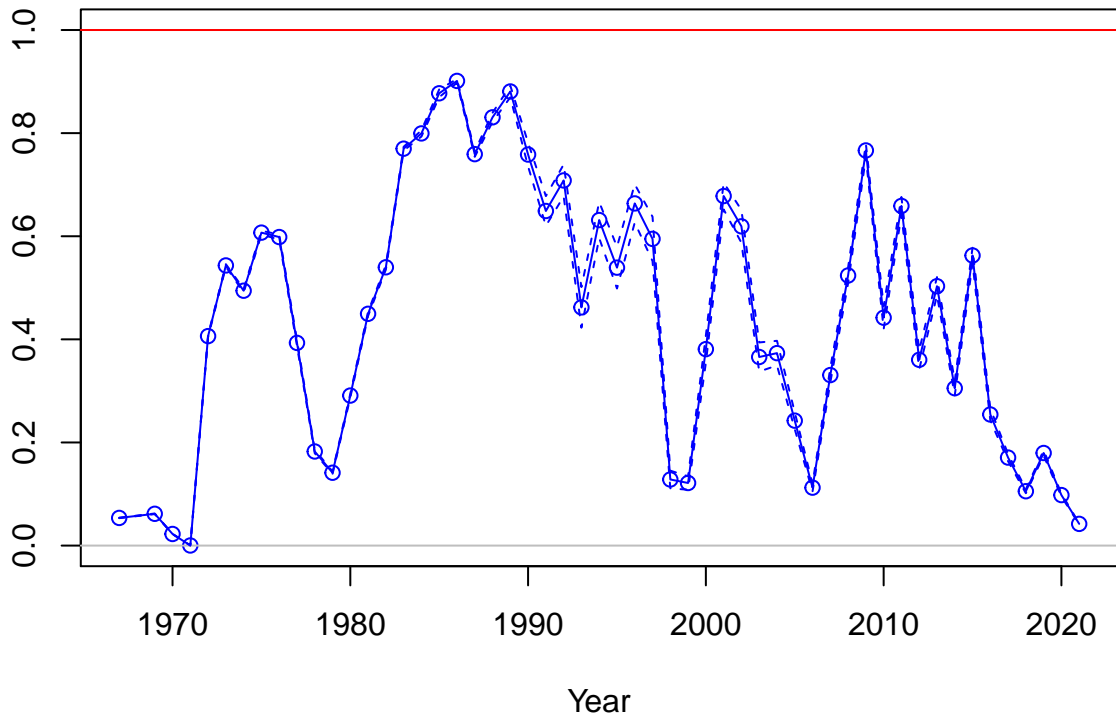




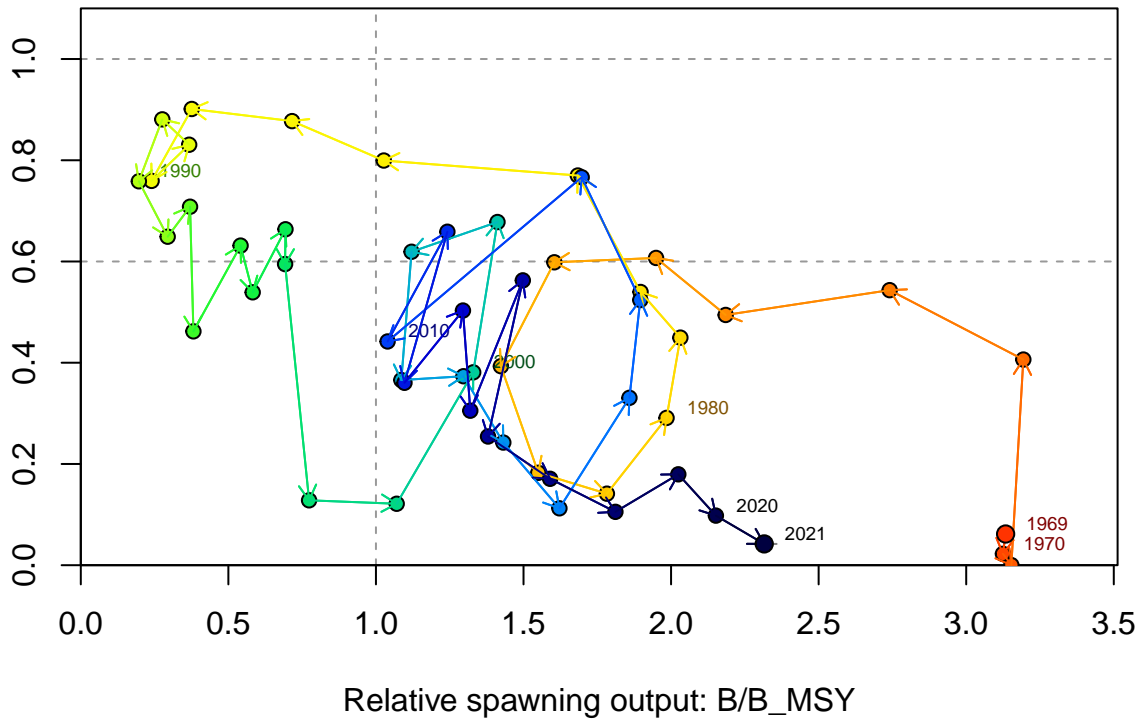
1-SPR



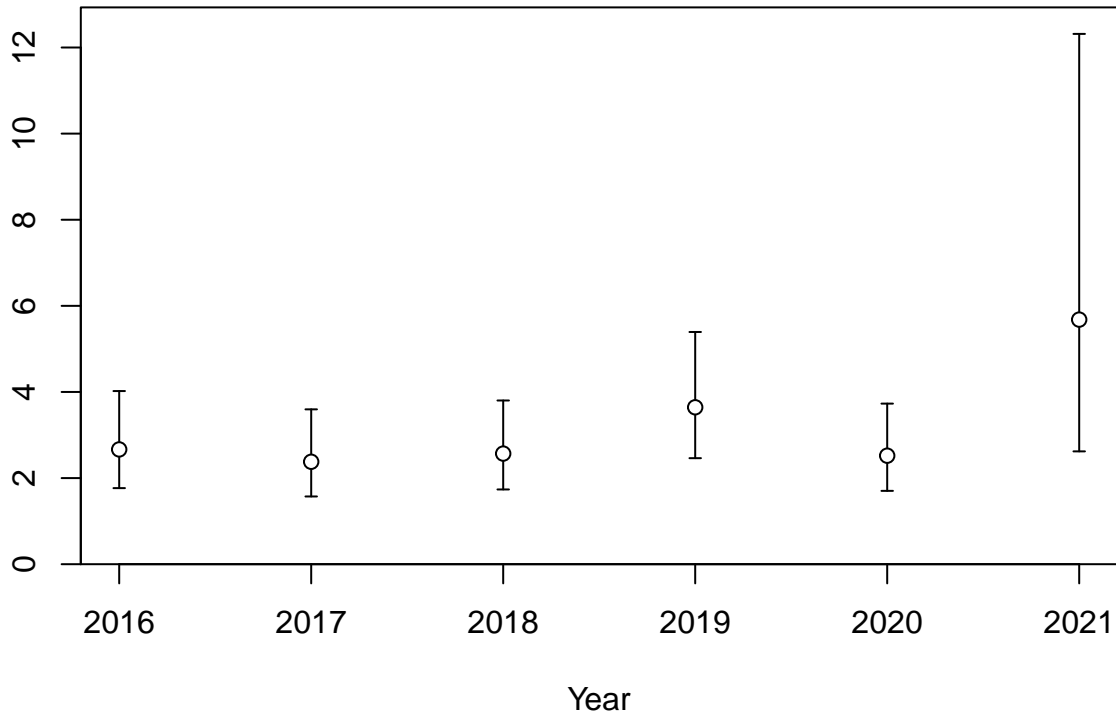
Fishing intensity: 1-SPR



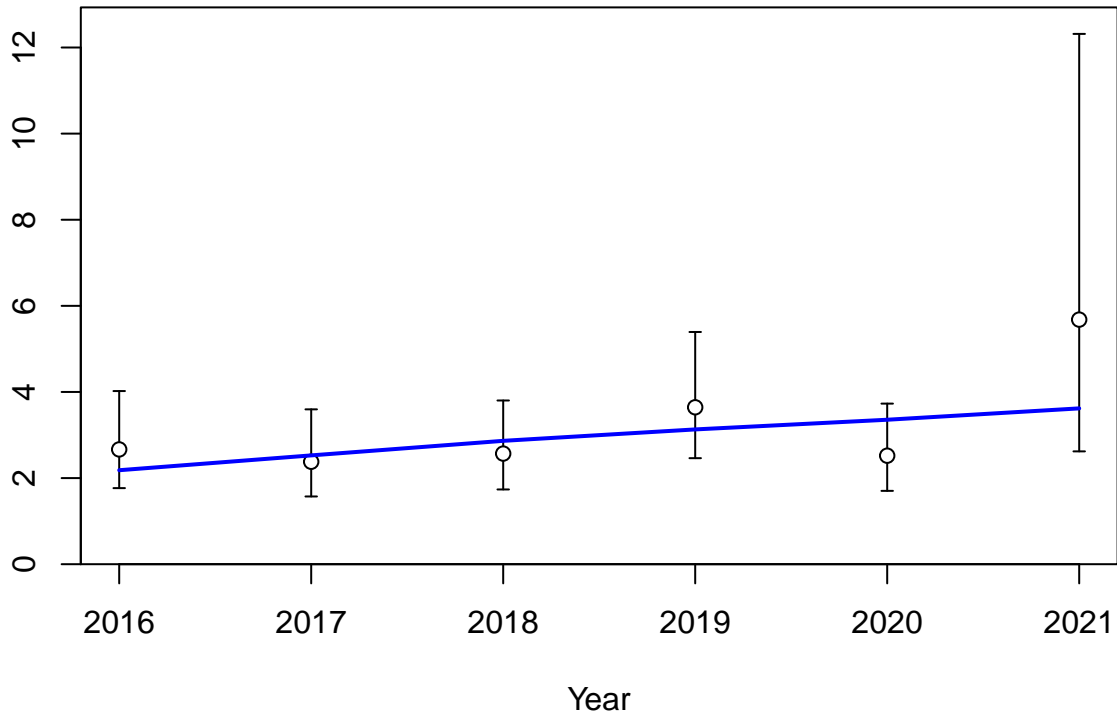
Fishing intensity: 1-SPR

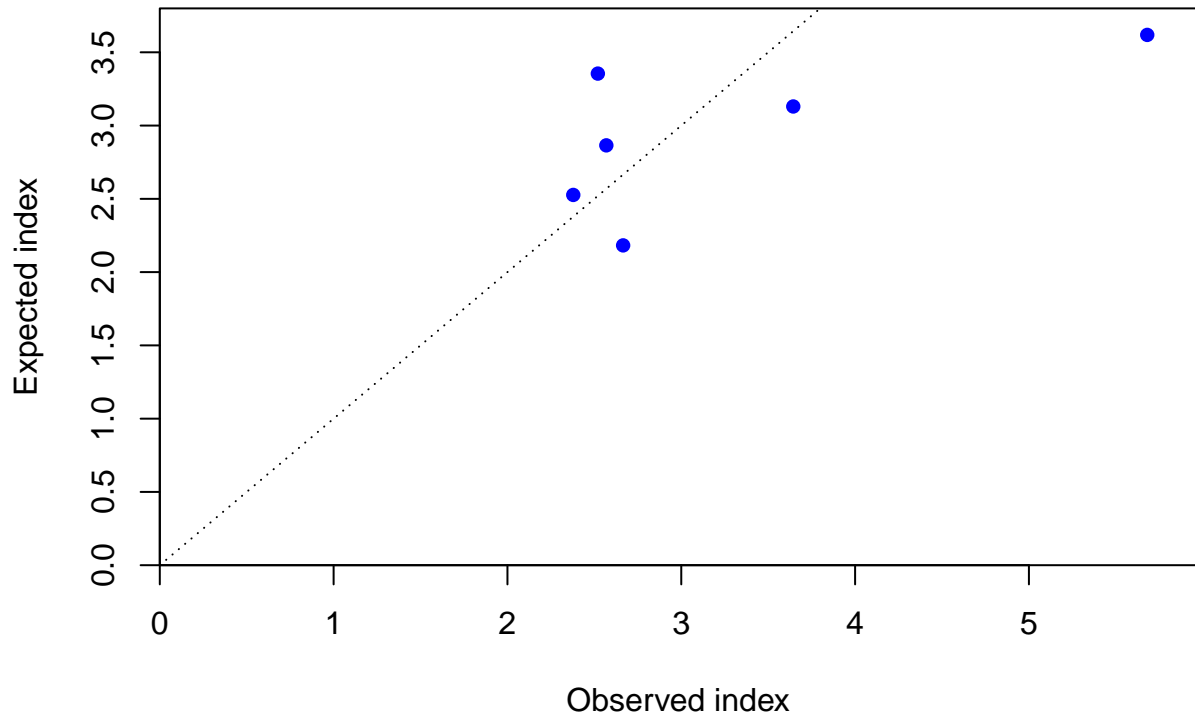


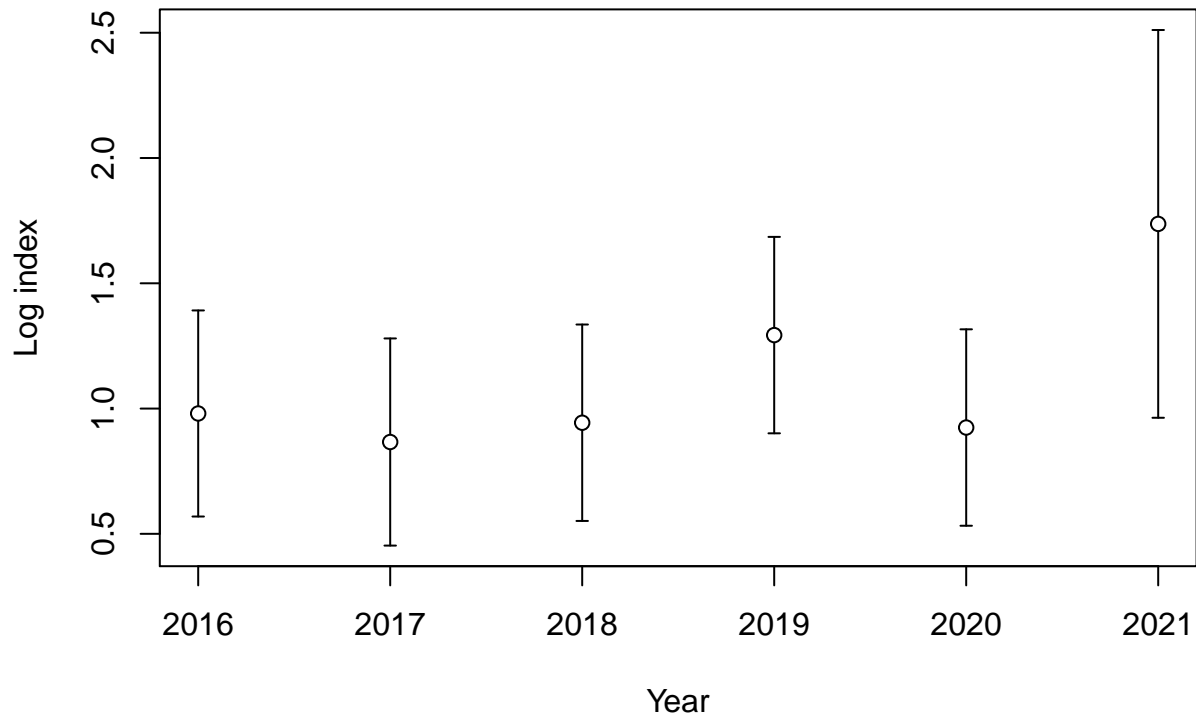
Index

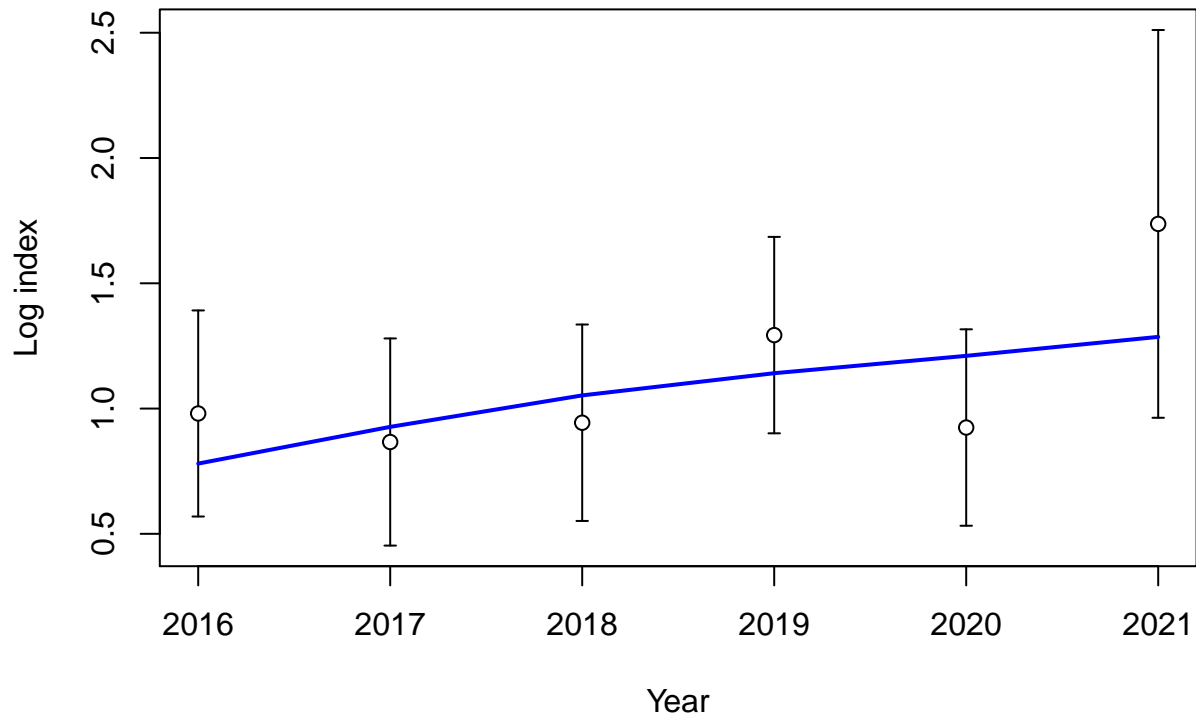


Index

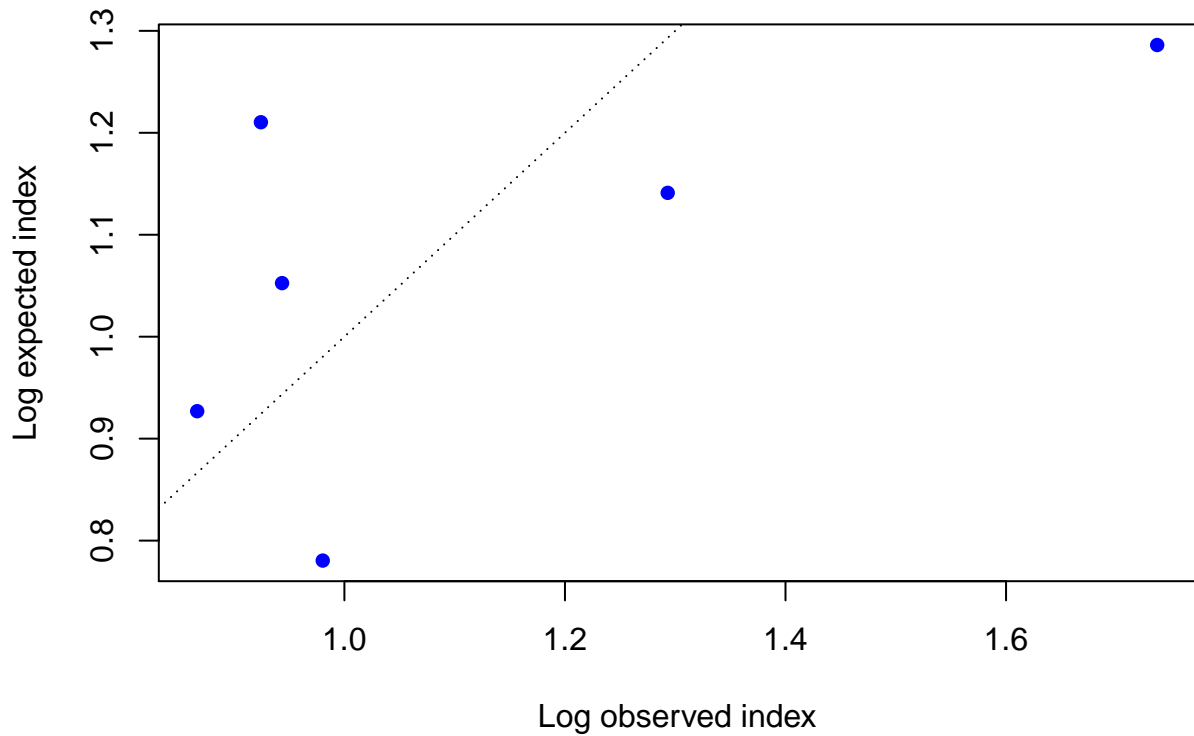


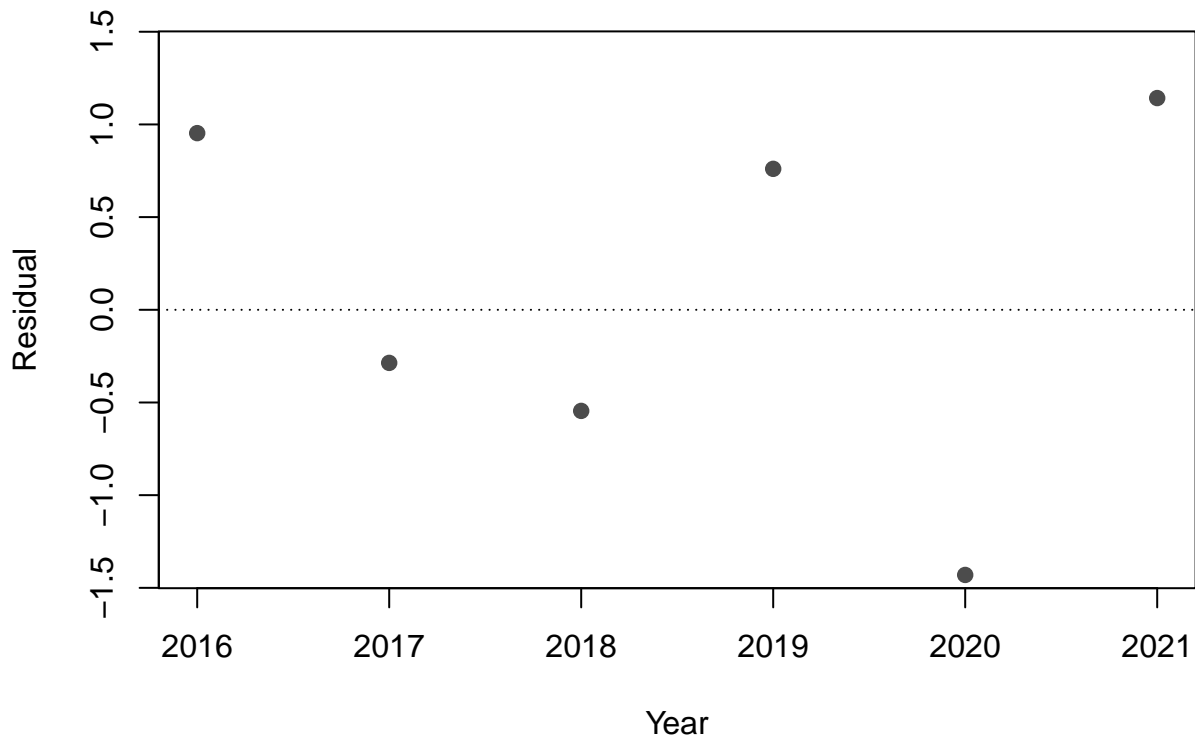


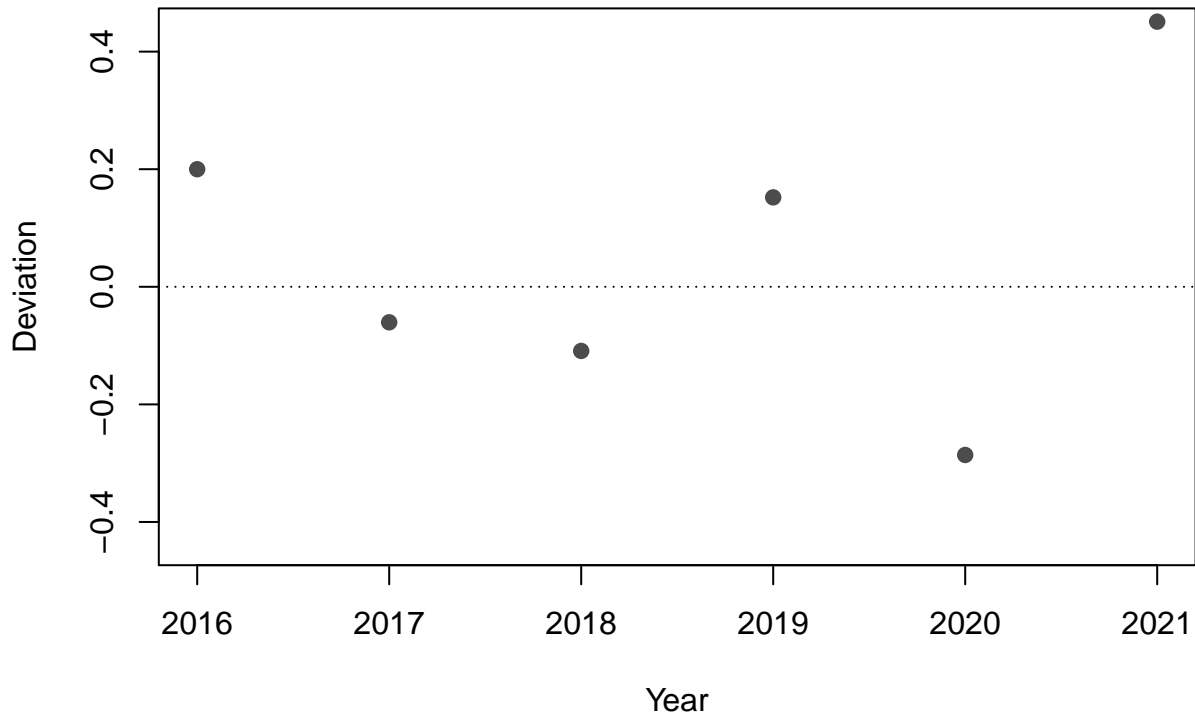


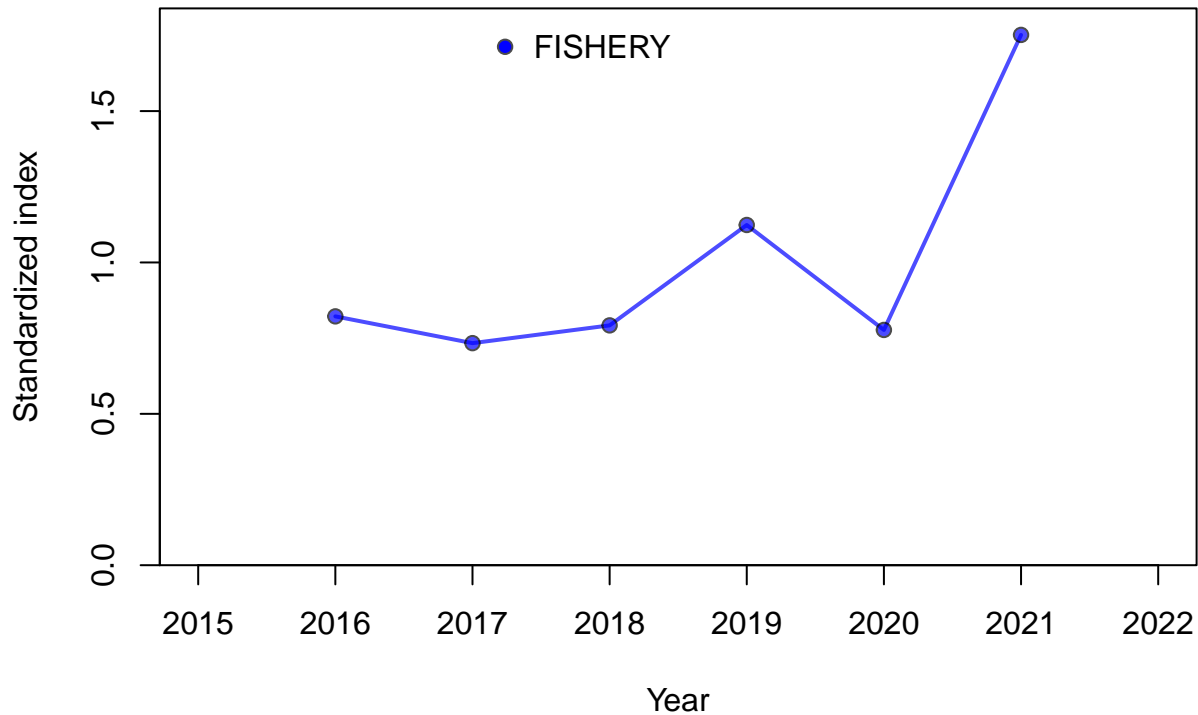


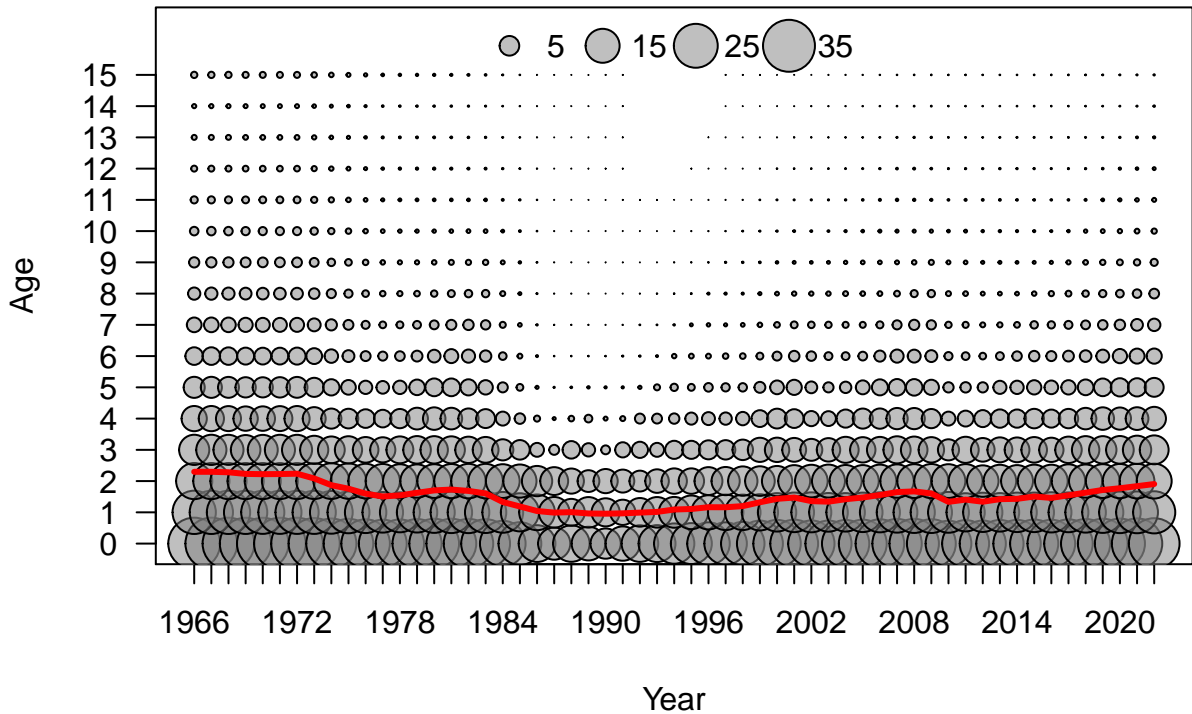


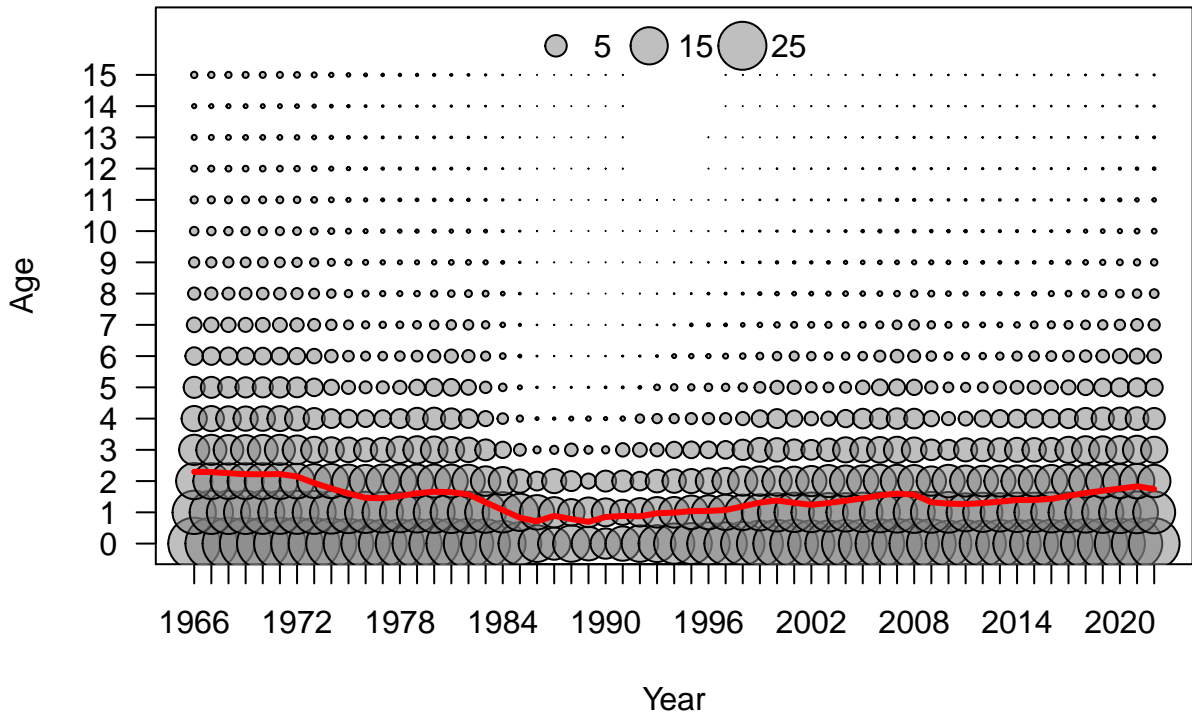


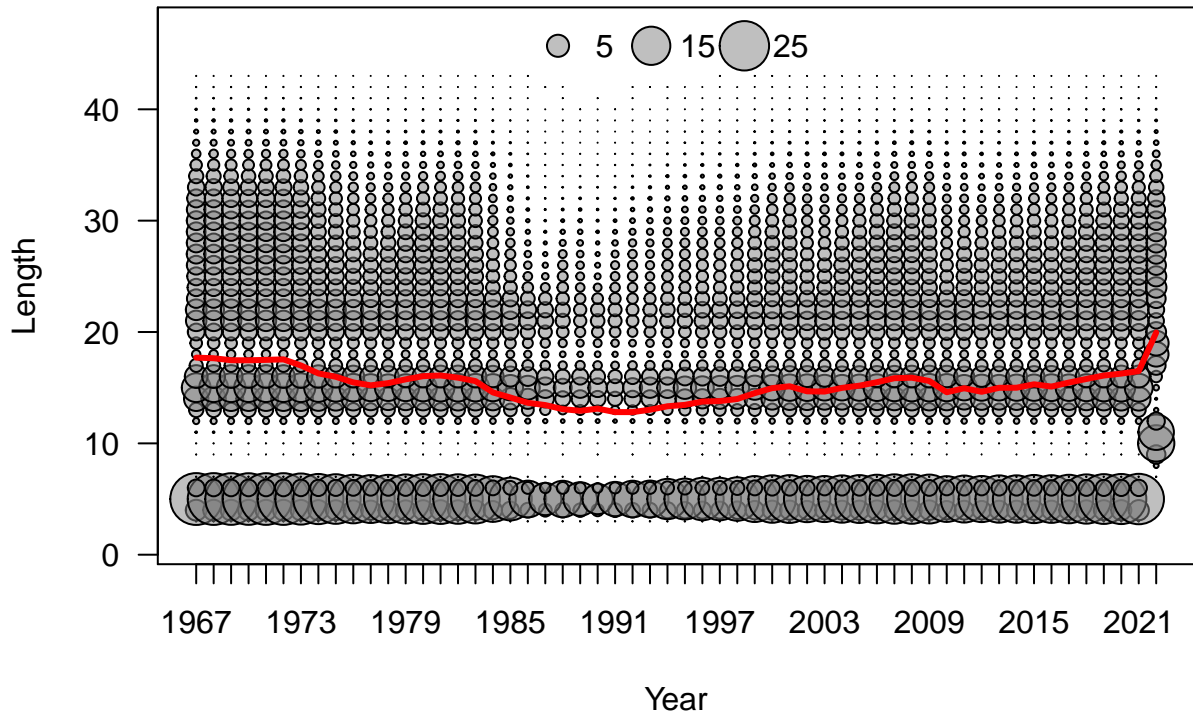


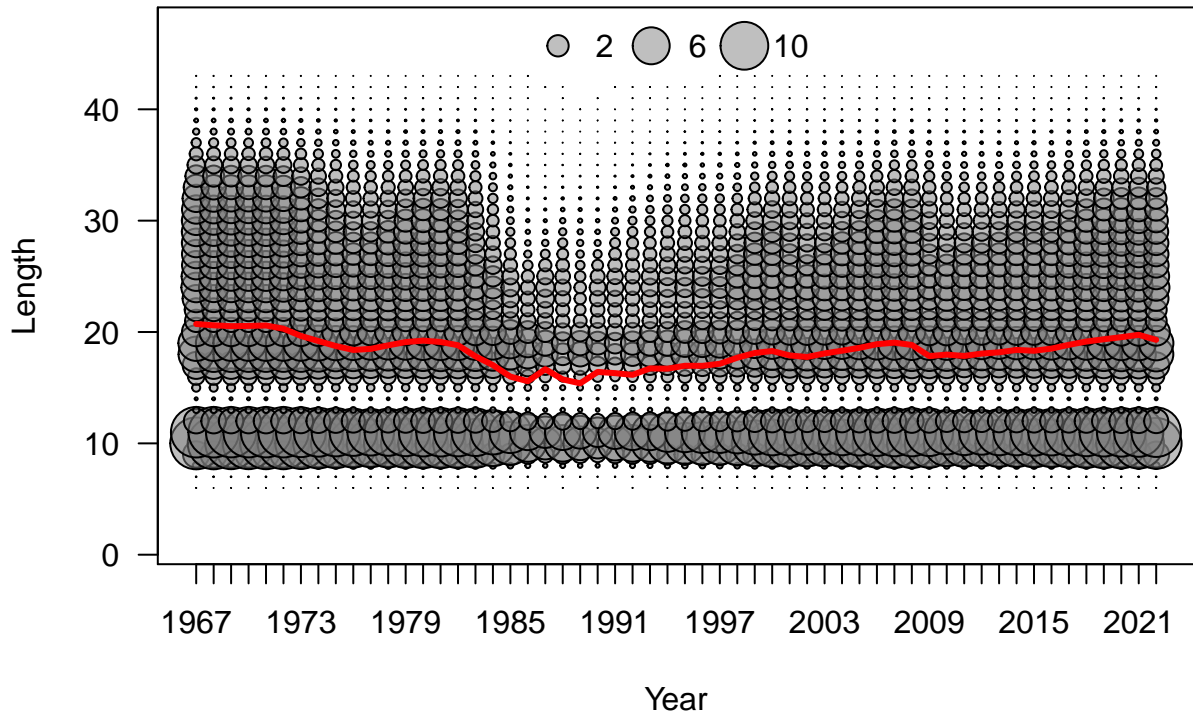




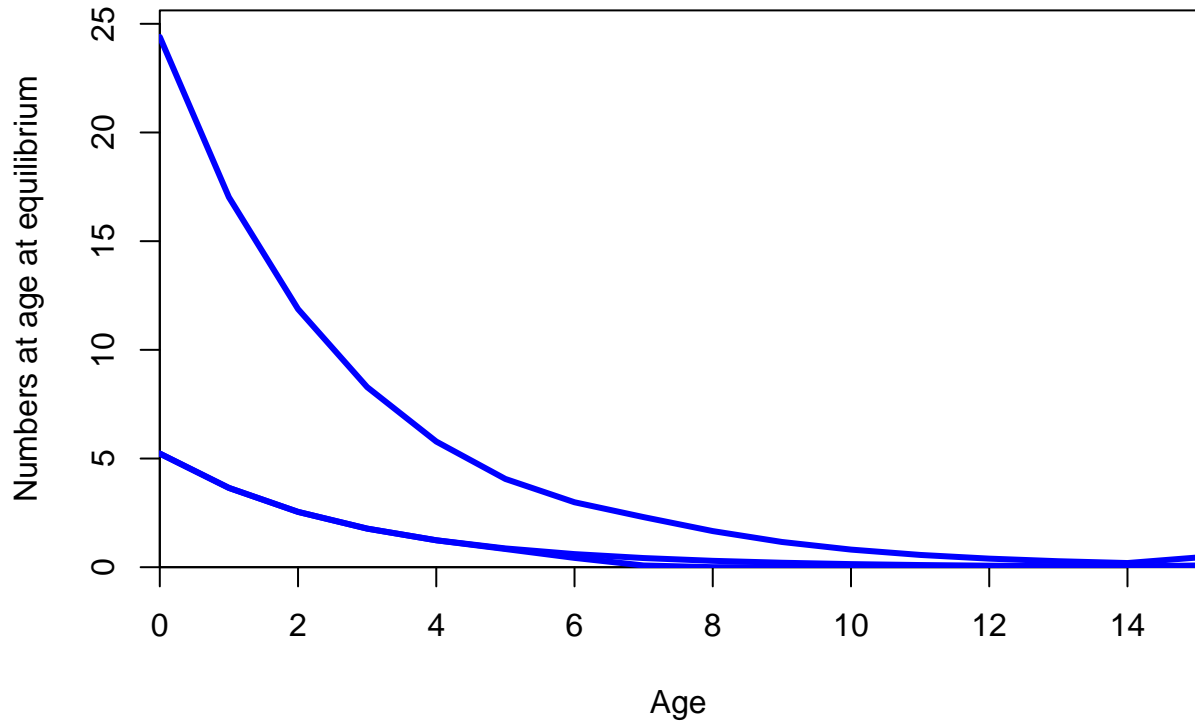


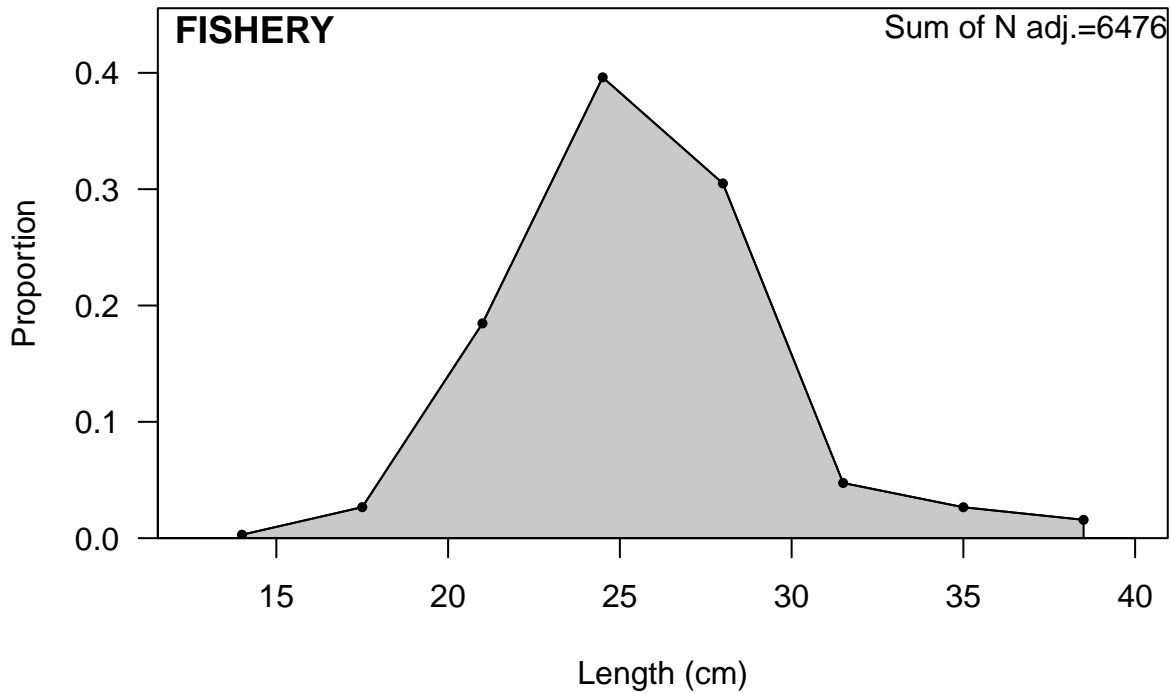


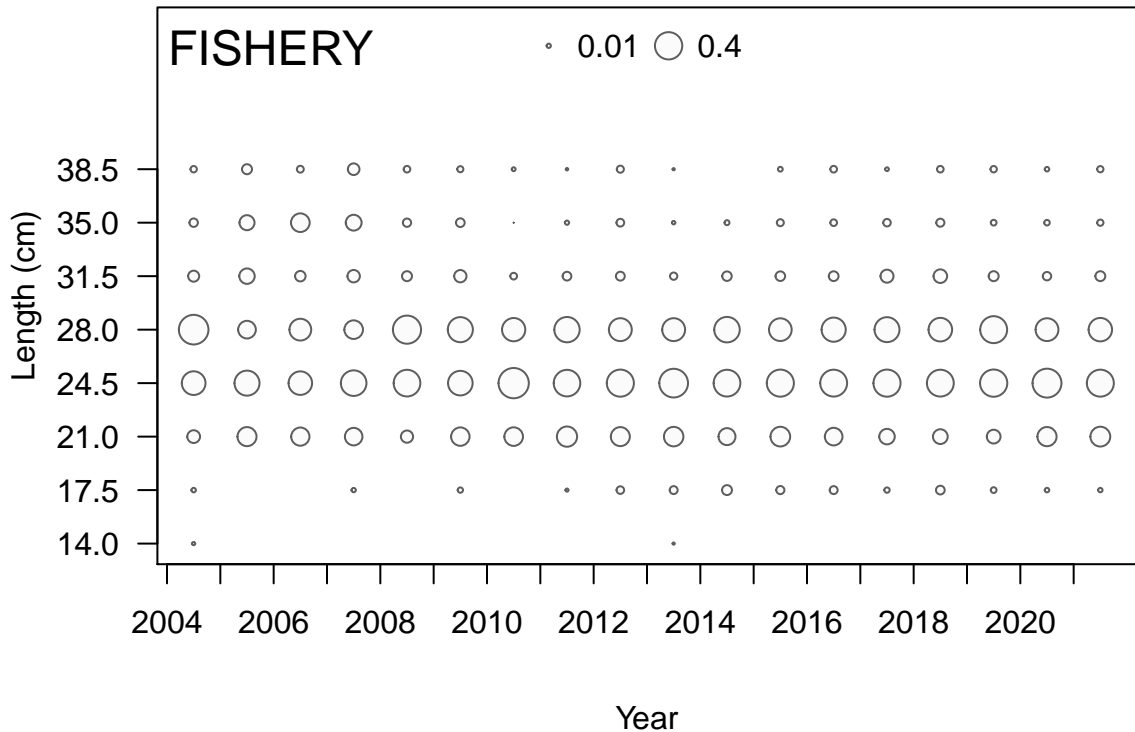


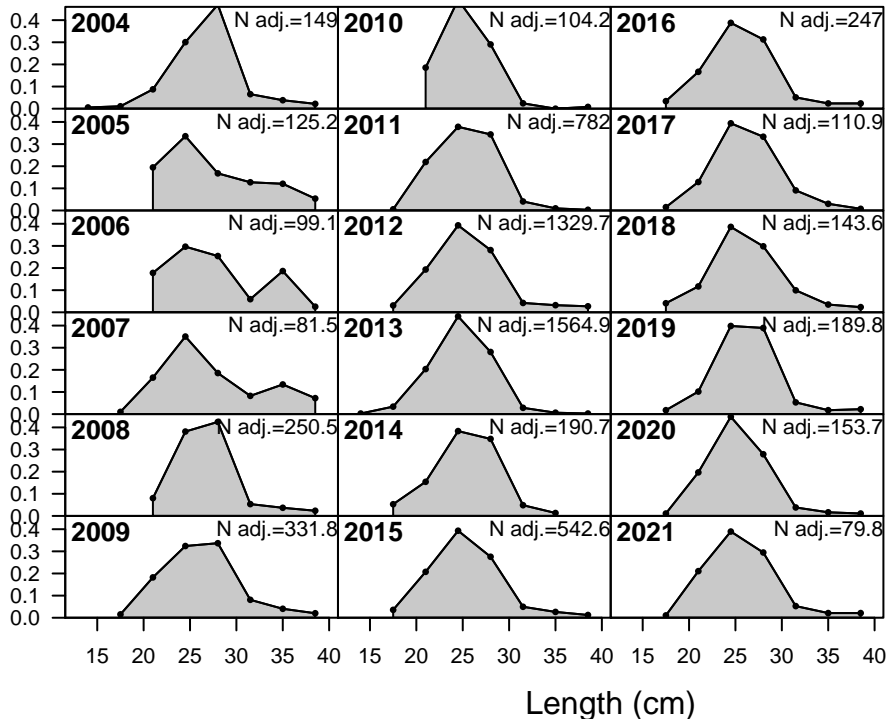


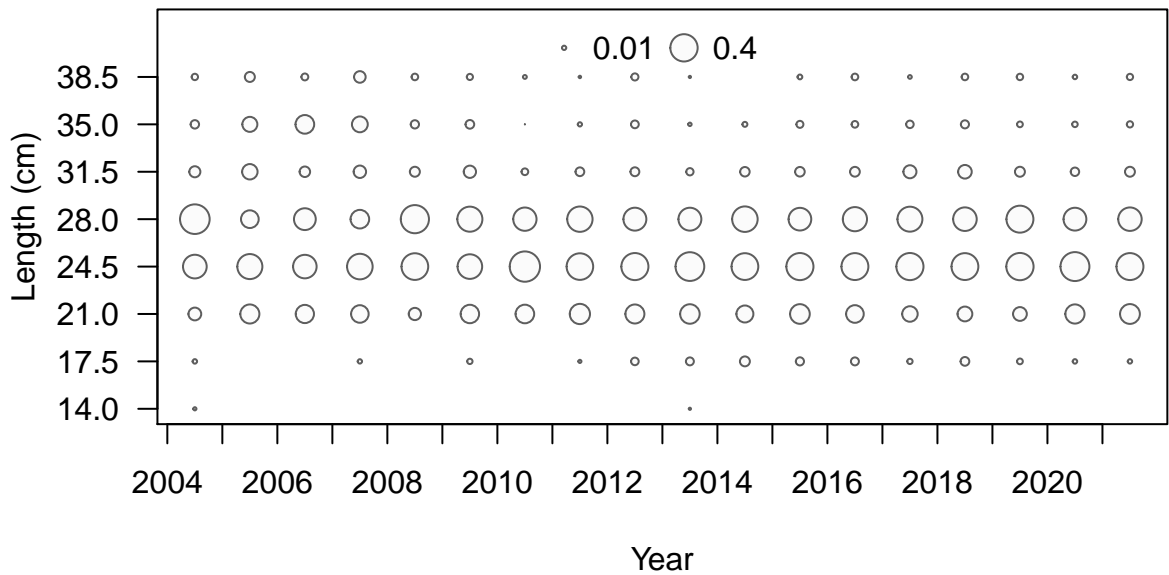




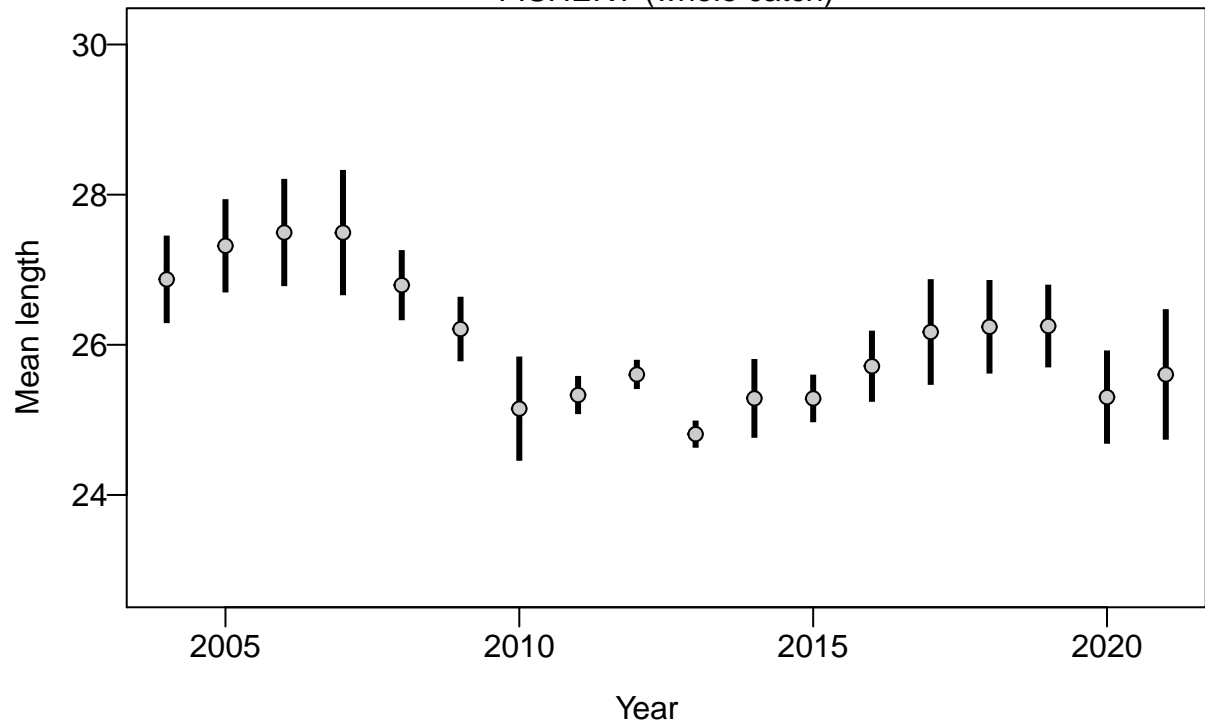






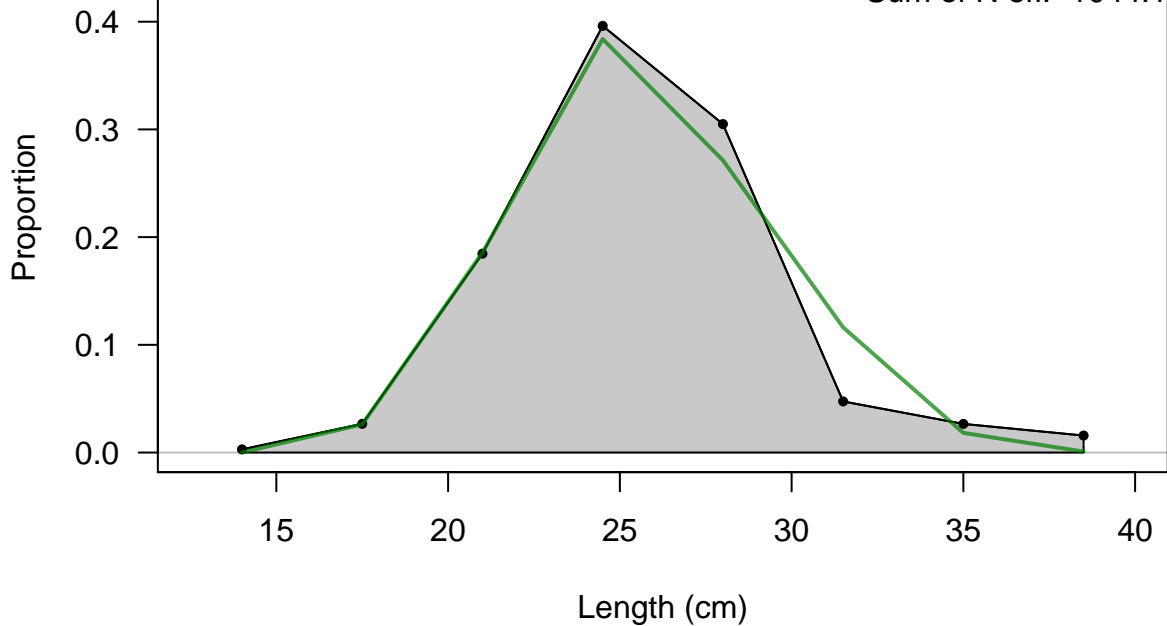


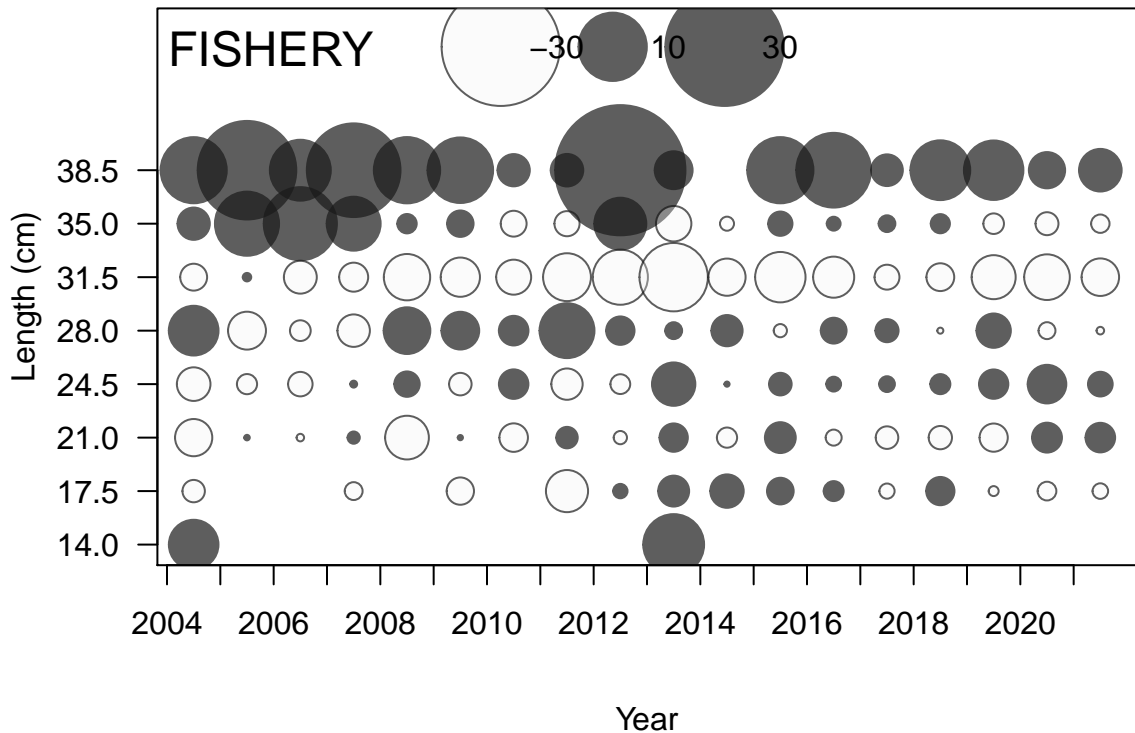
FISHERY (whole catch)



# FISHERY

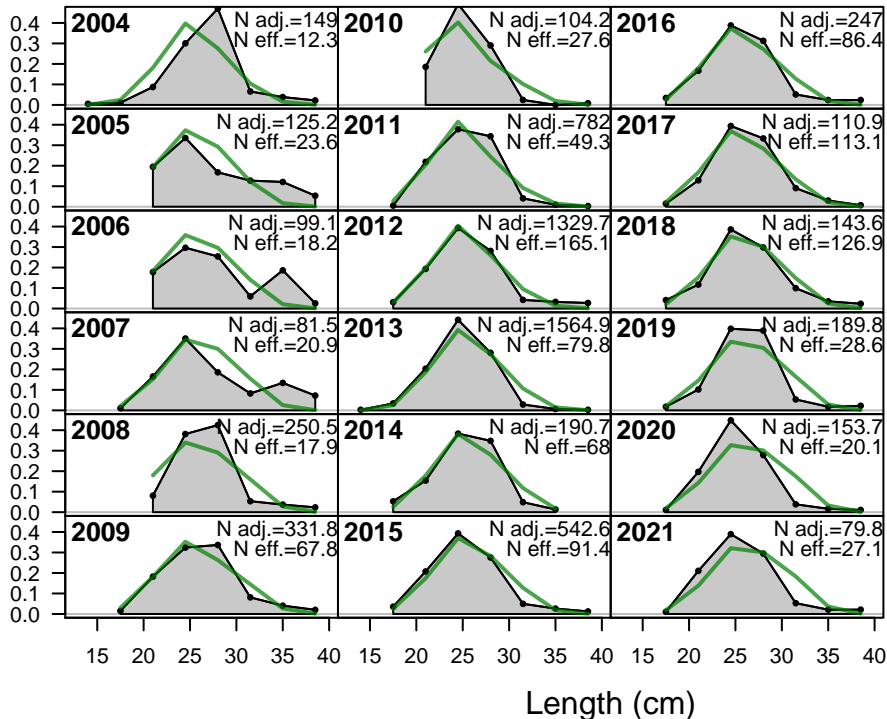
Sum of N adj.=6476  
Sum of N eff.=1044.1

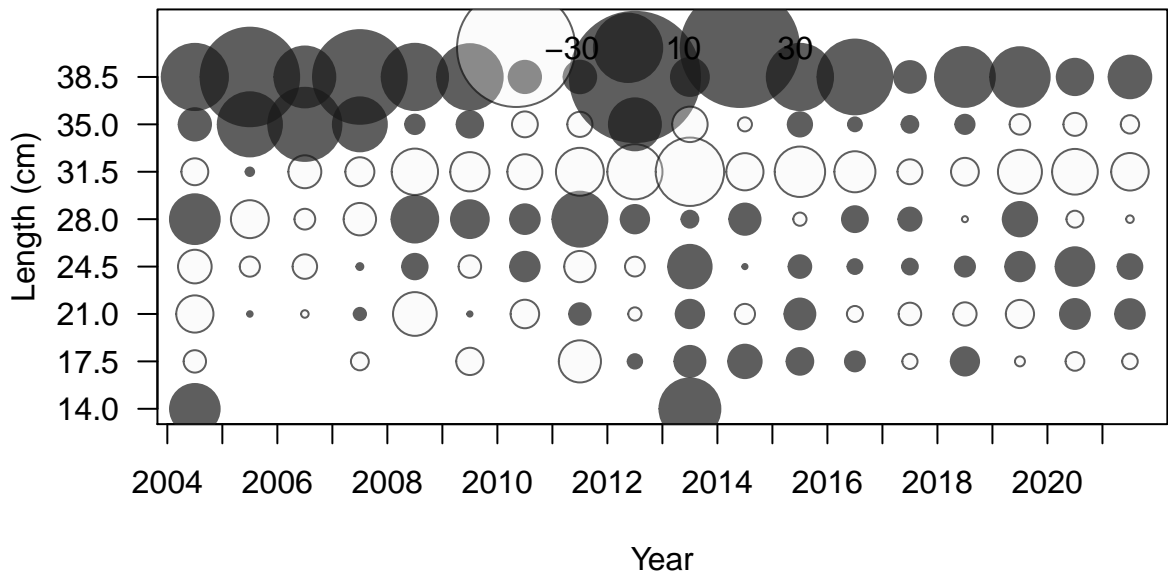




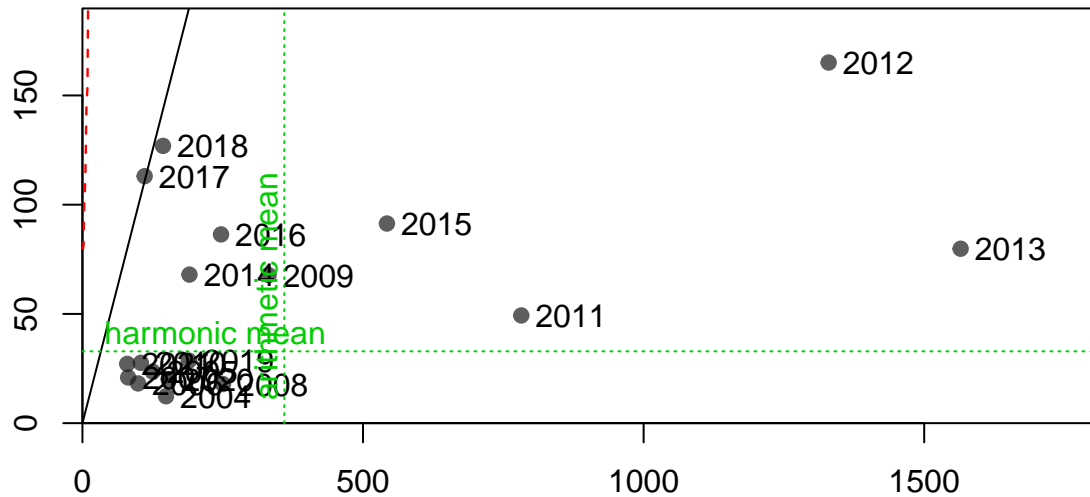


Proportion



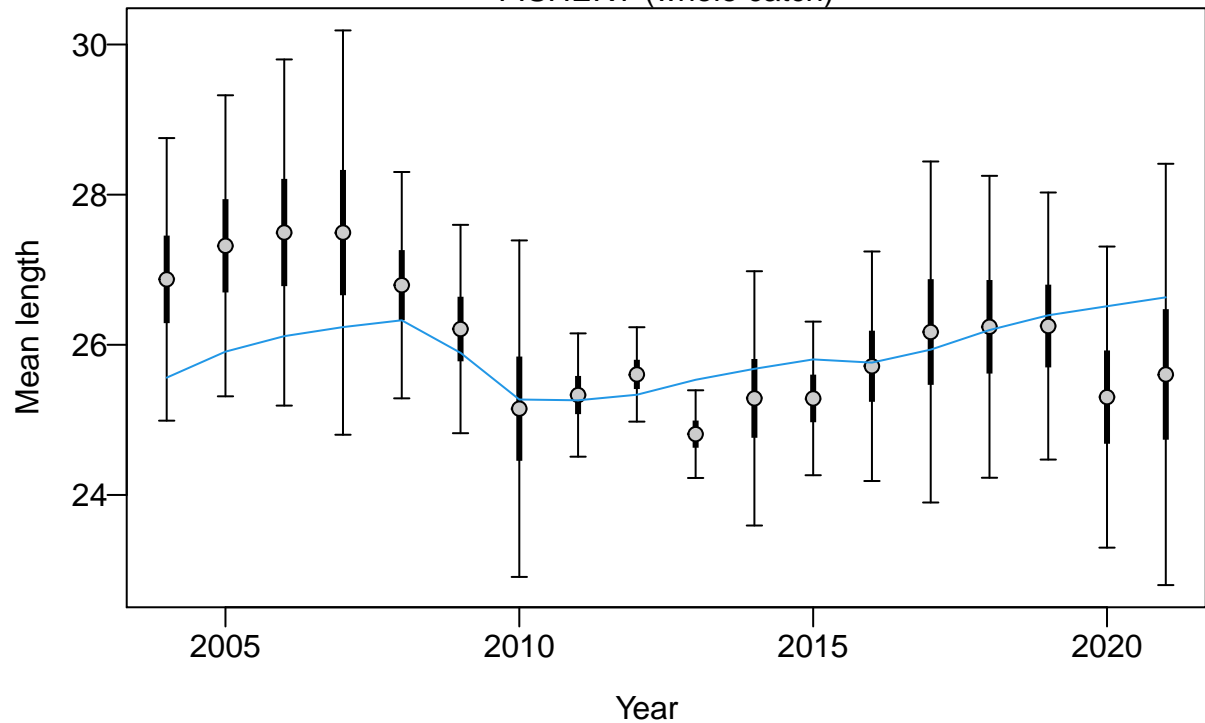


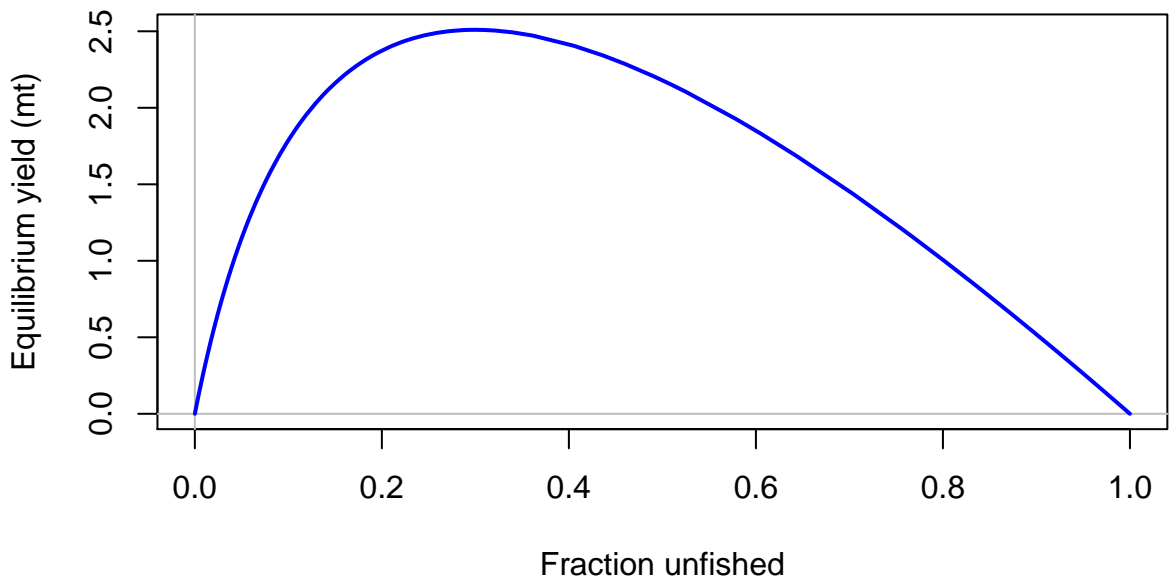
Effective sample size

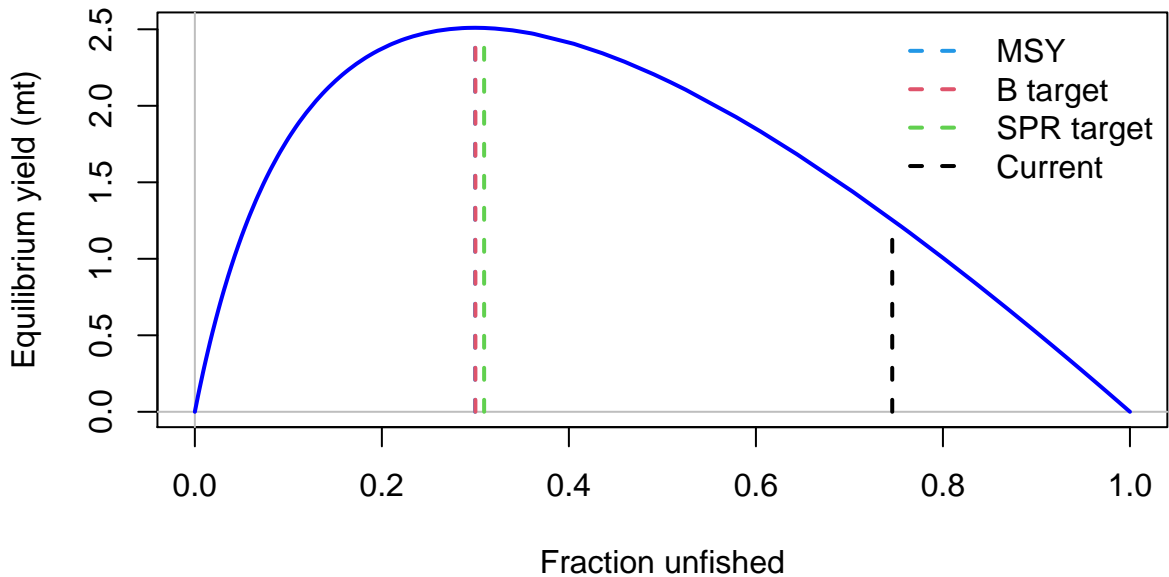


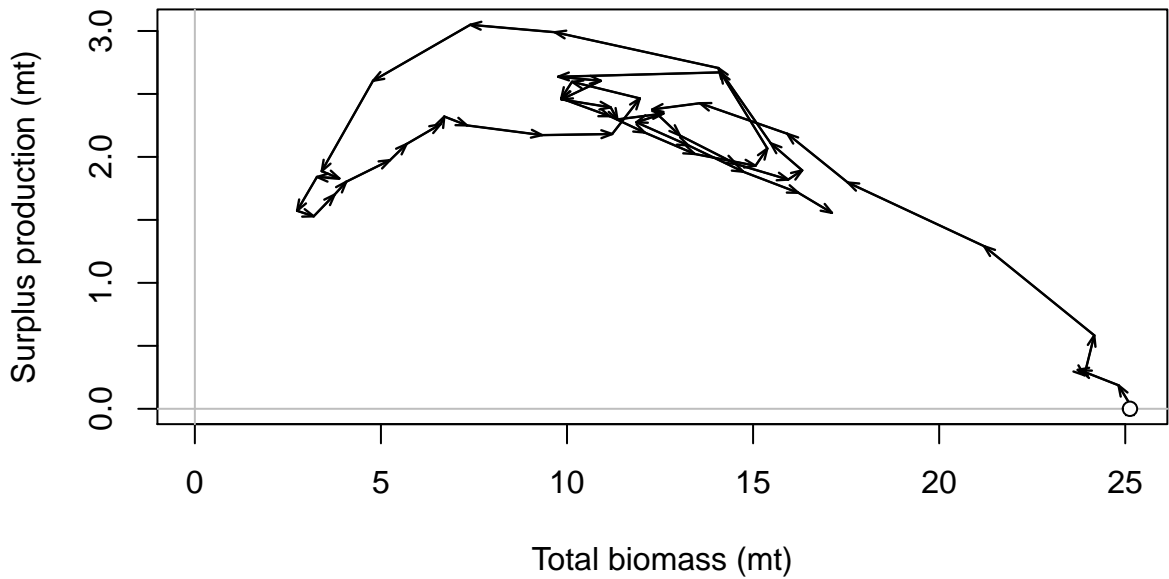
Observed sample size

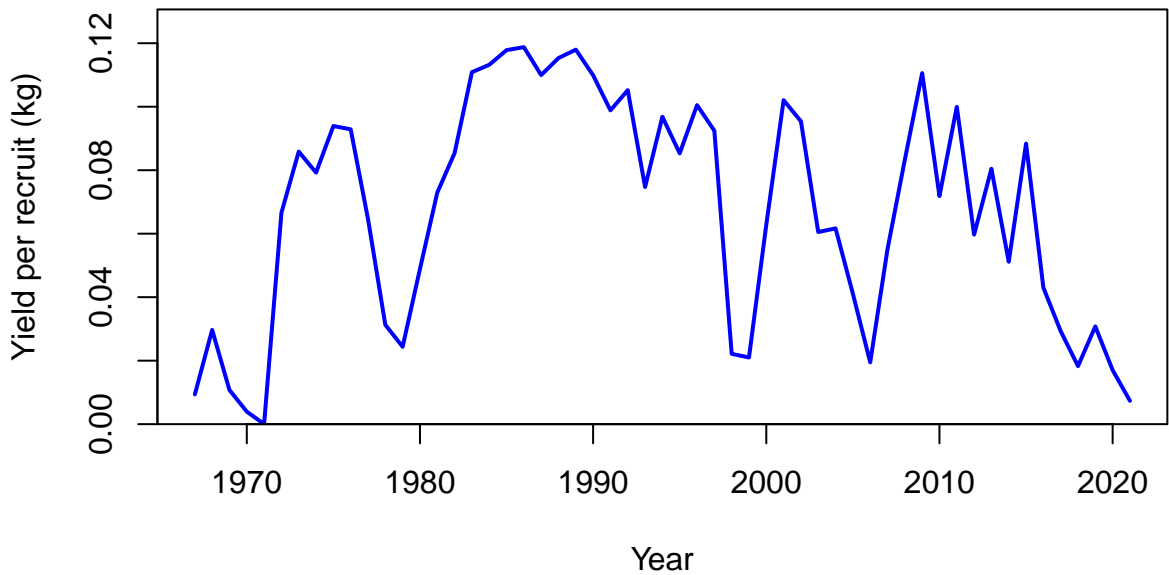
## FISHERY (whole catch)



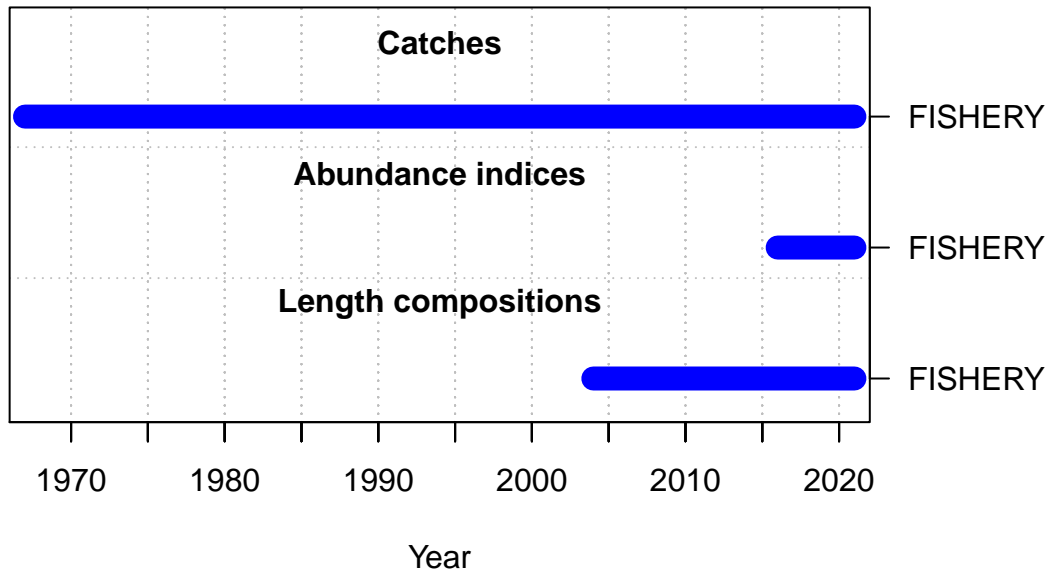


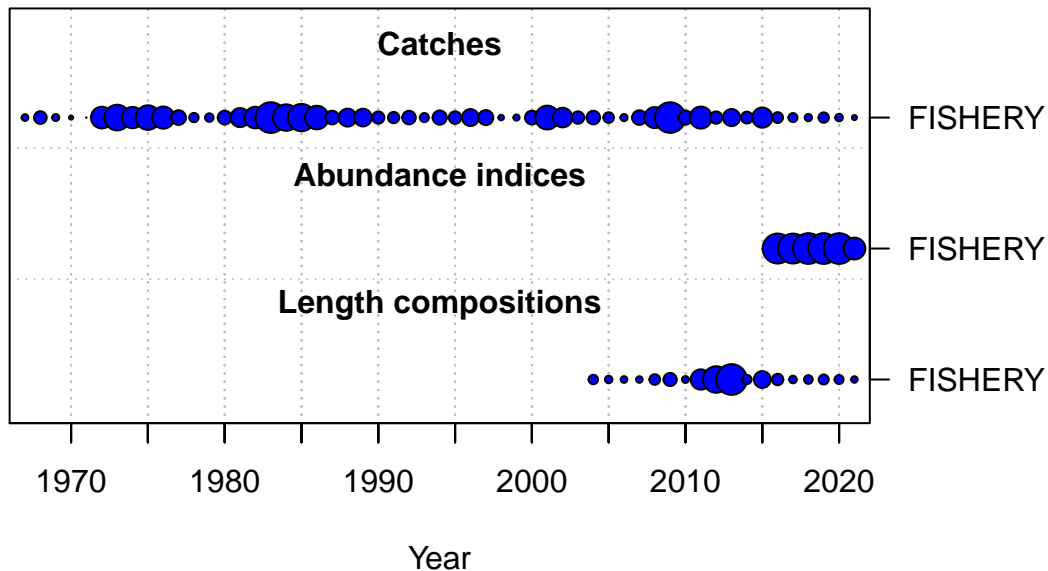




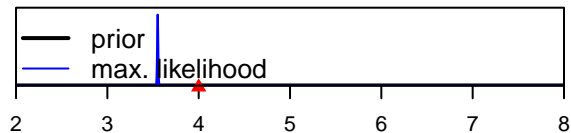




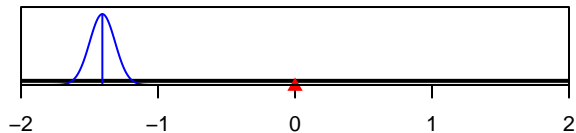




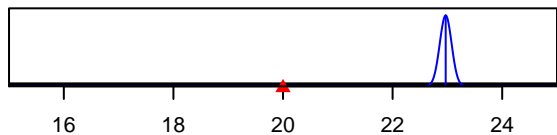
SR\_LN(R0)



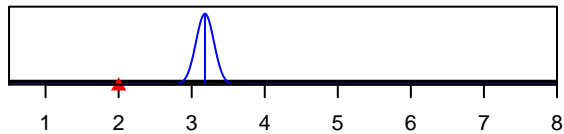
LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Size\_95%width\_FISHERY(1)



Parameter value