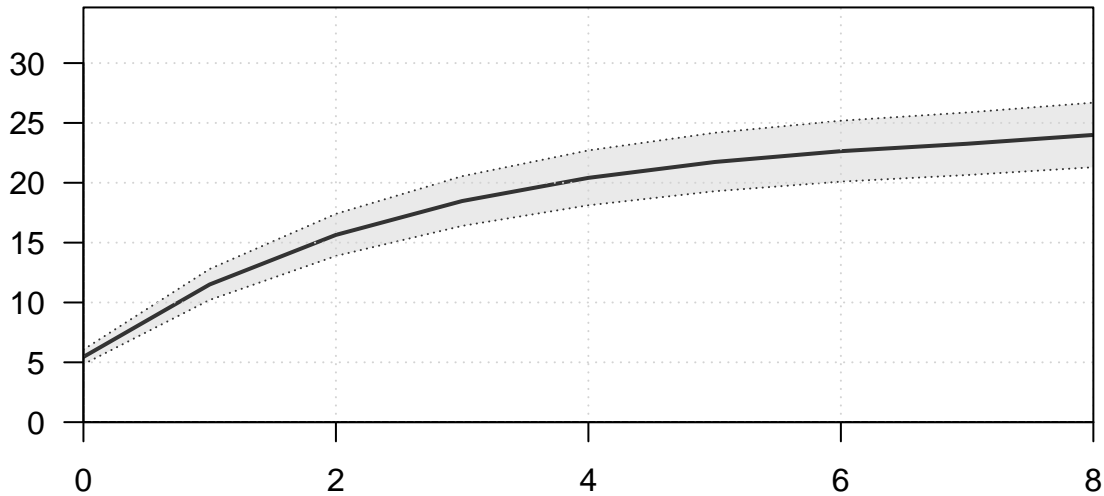
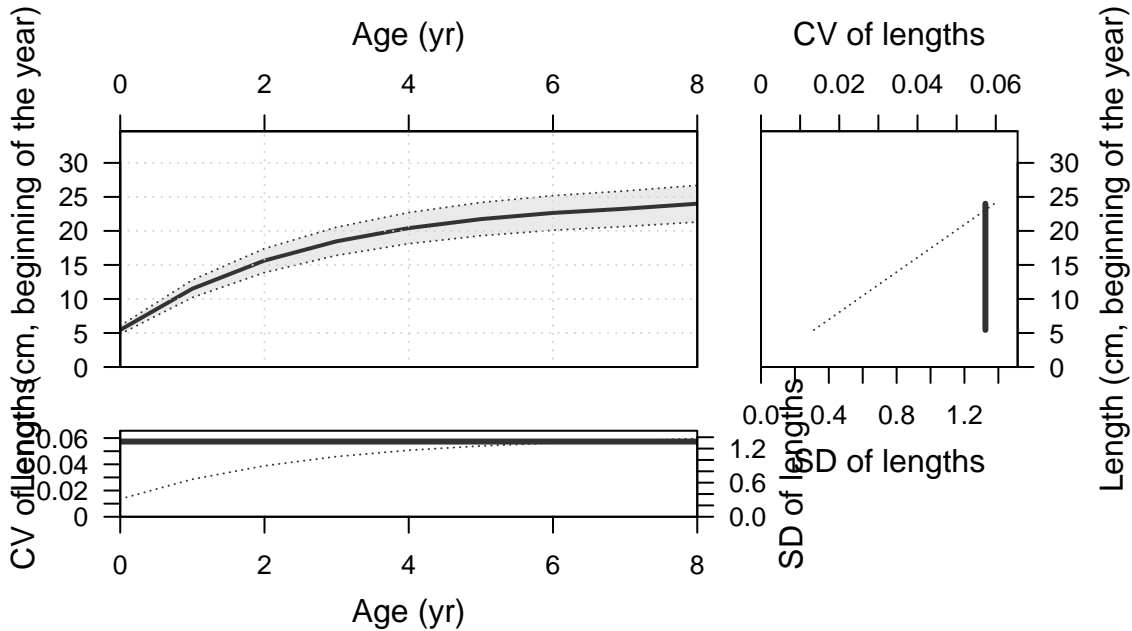


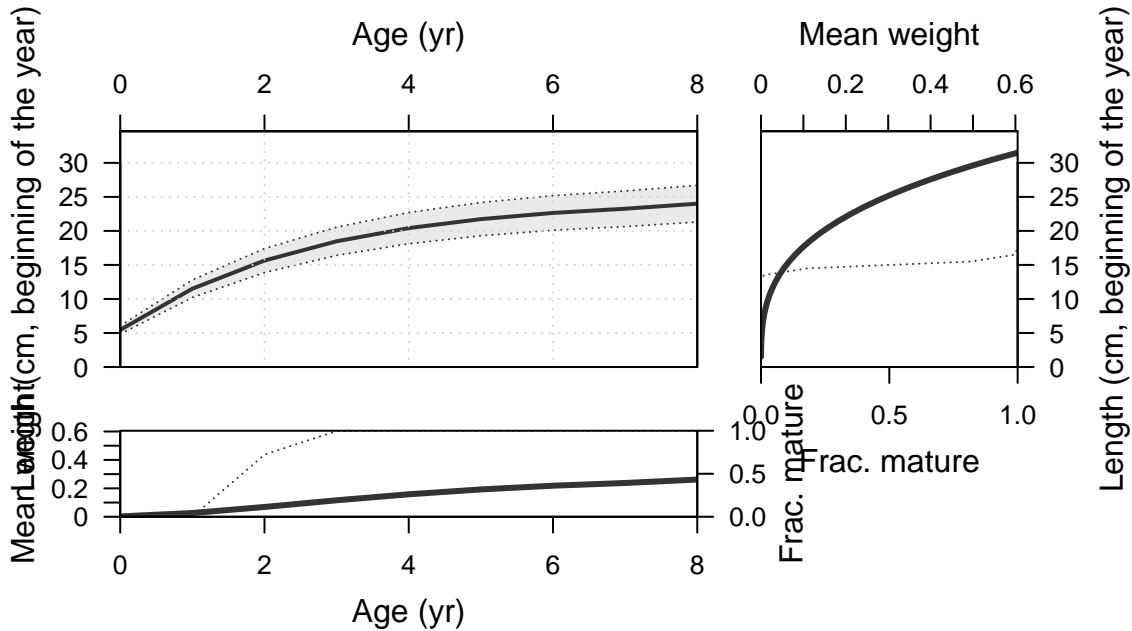
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Fri Aug 12 11:54:05 2022  
Data\_File: data.ss  
Control\_File: control.ss

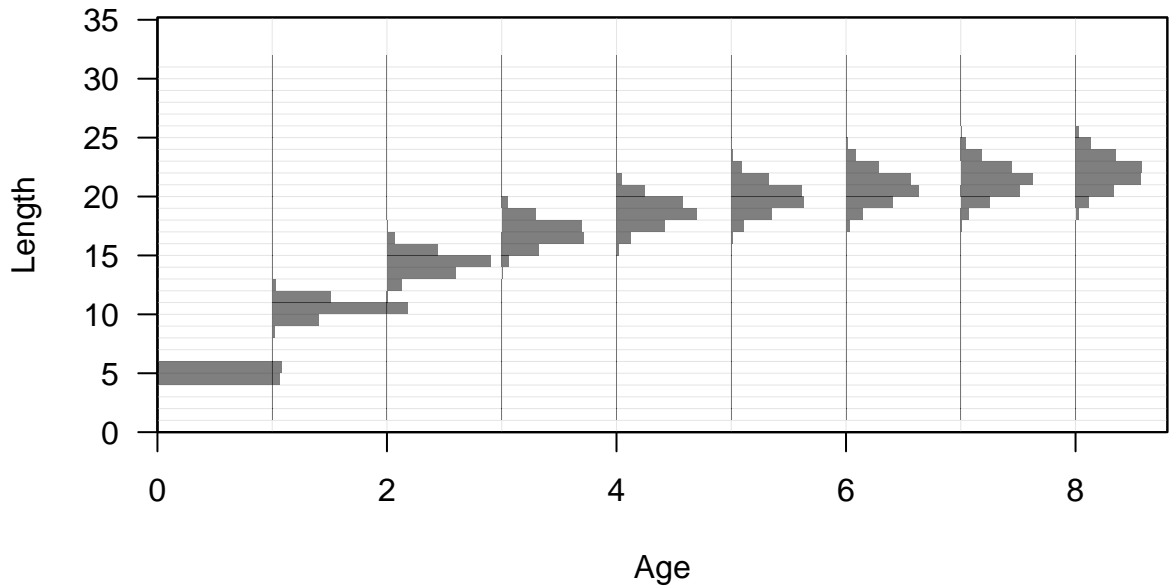
Length (cm, beginning of the year)

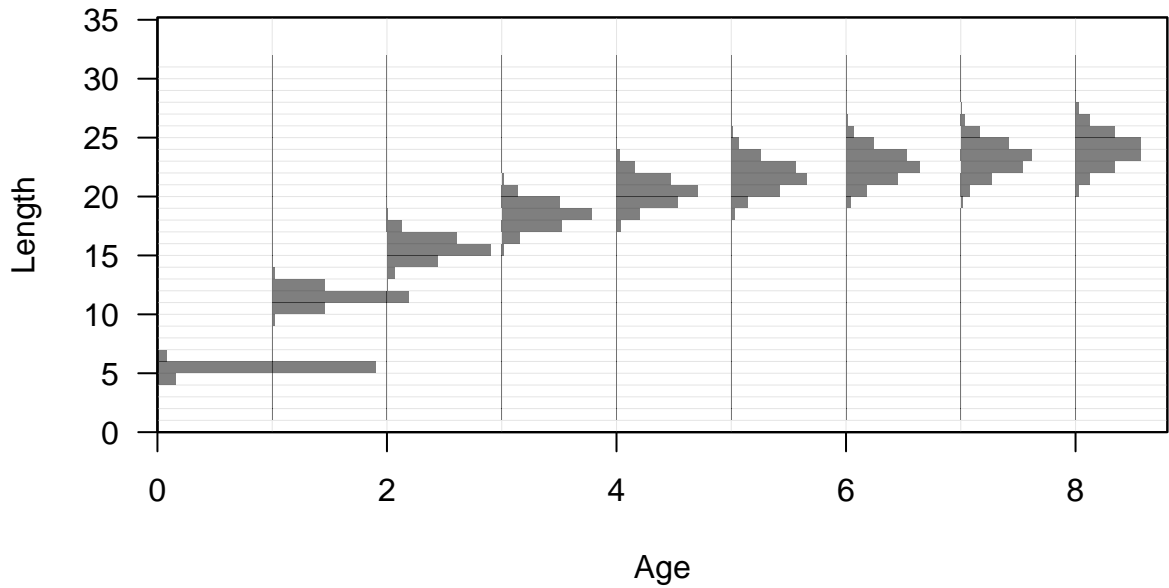


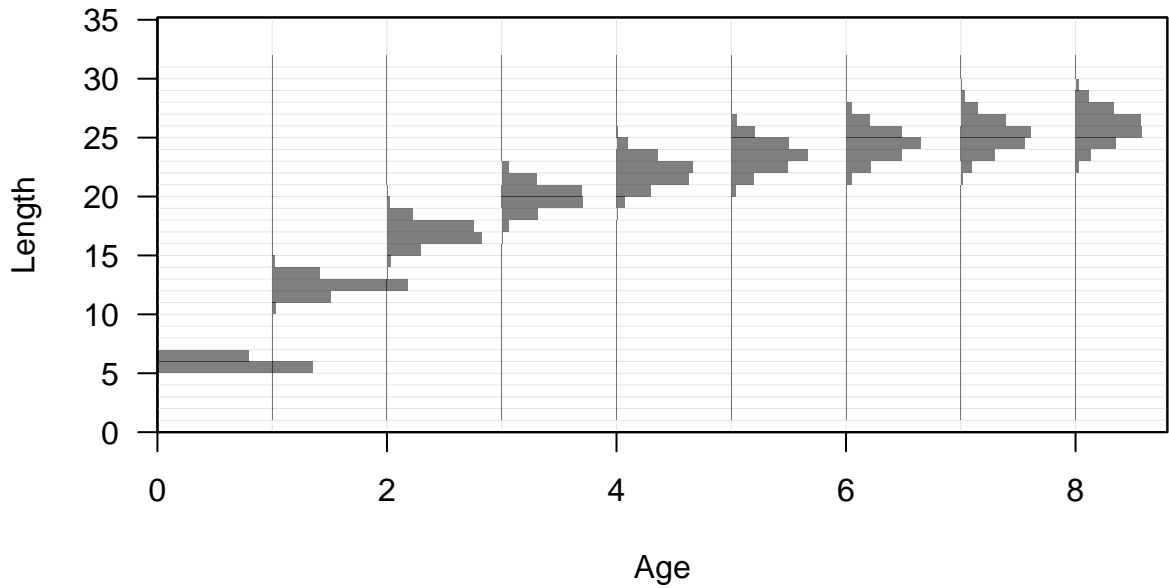
Age (yr)

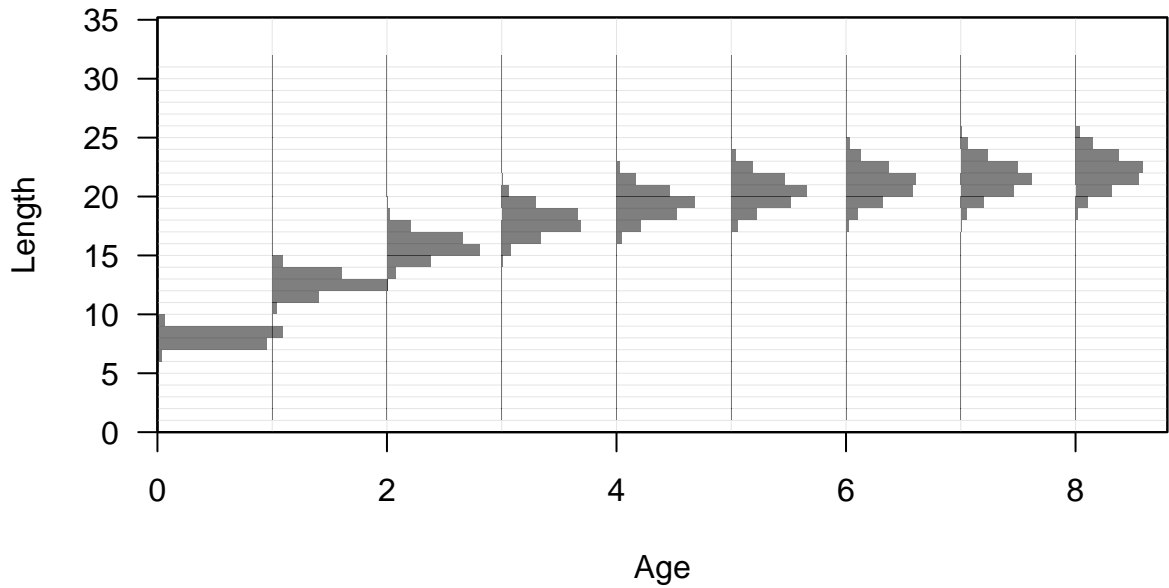




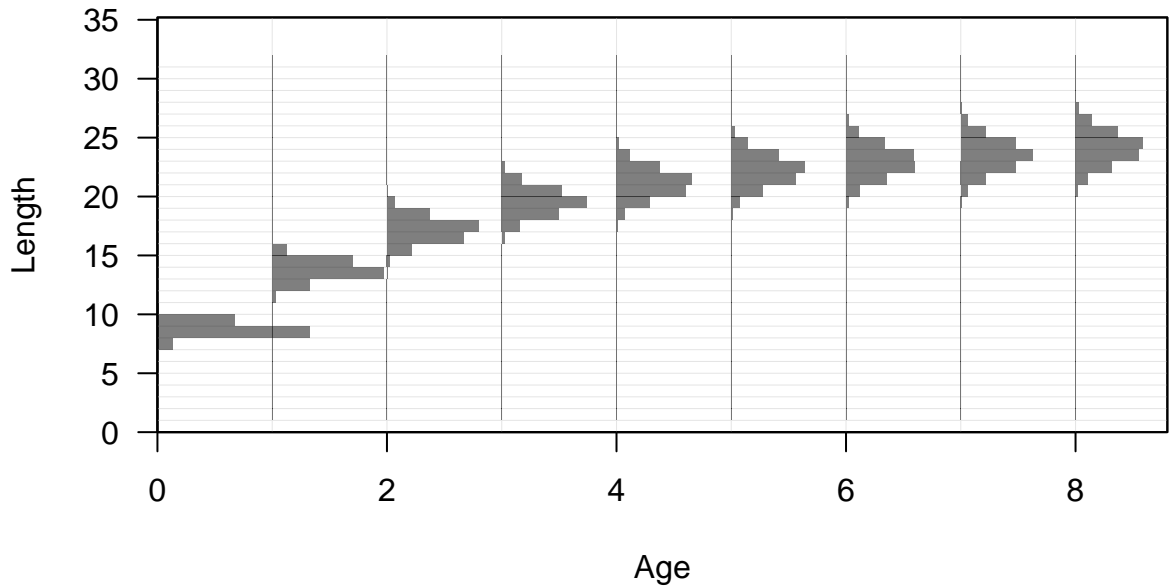


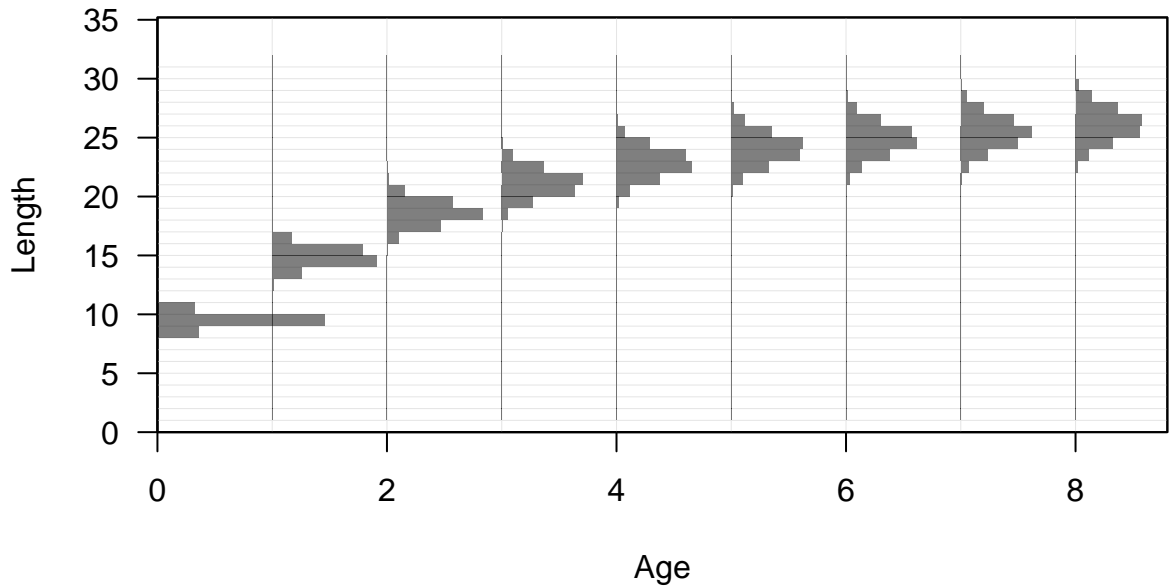














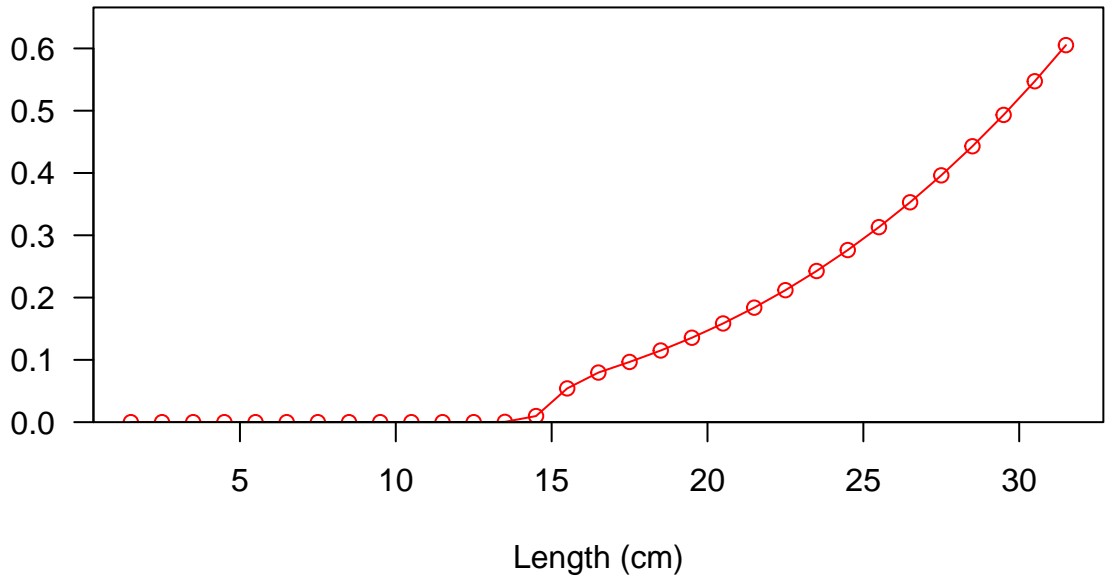




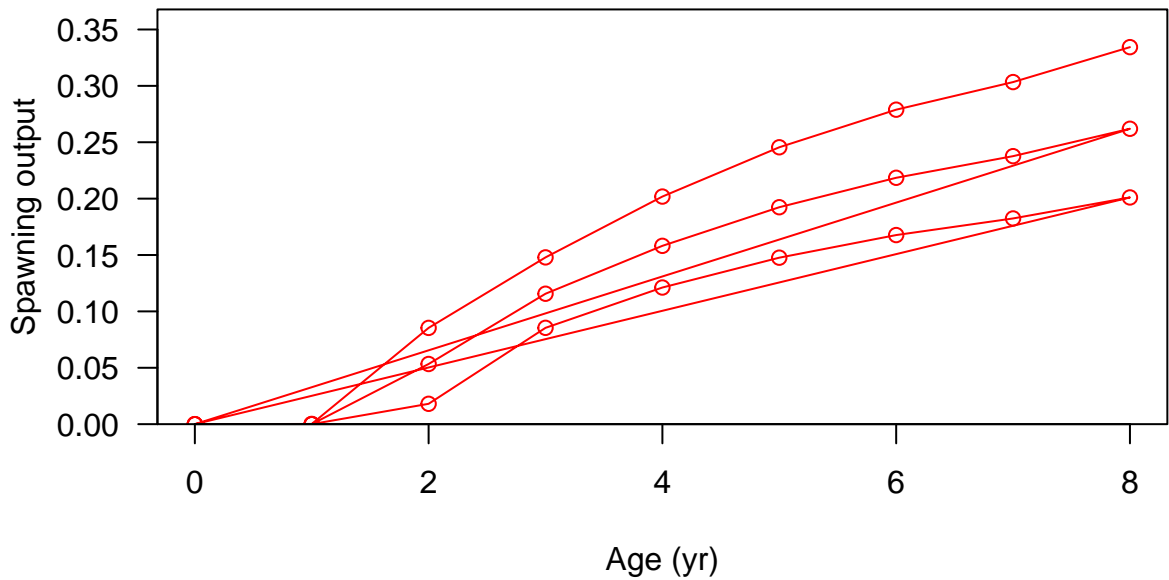




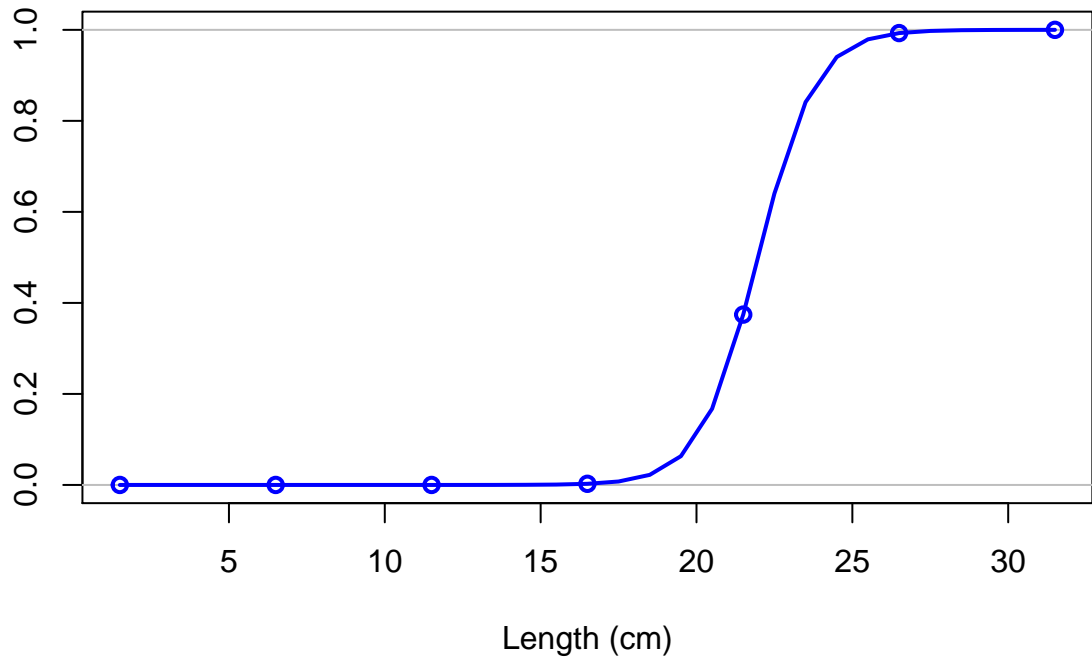
Spawning output



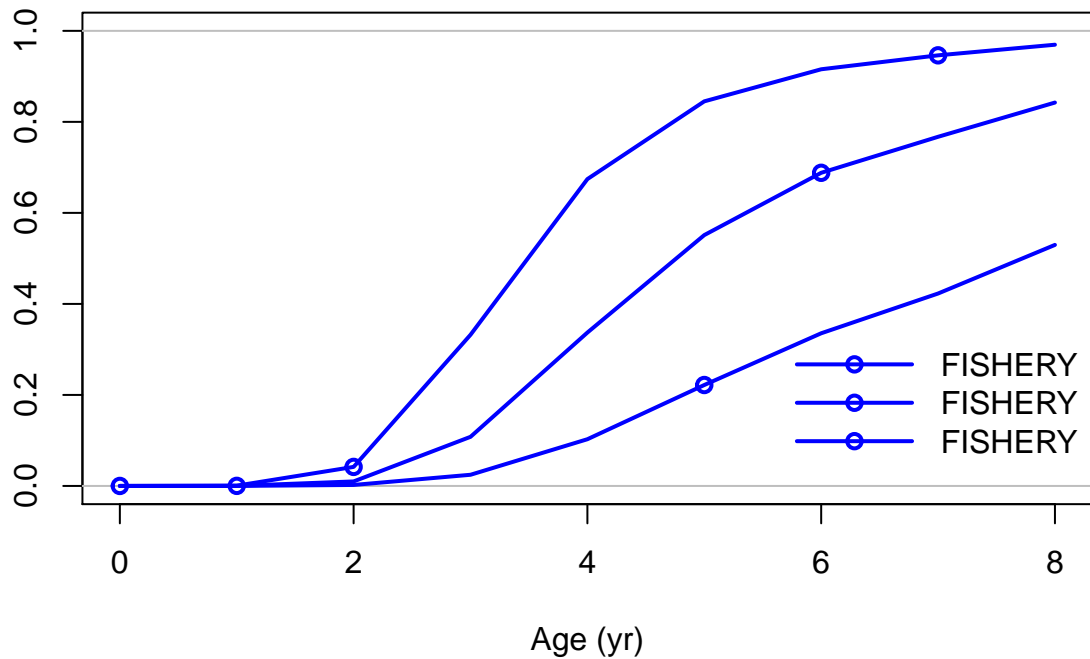




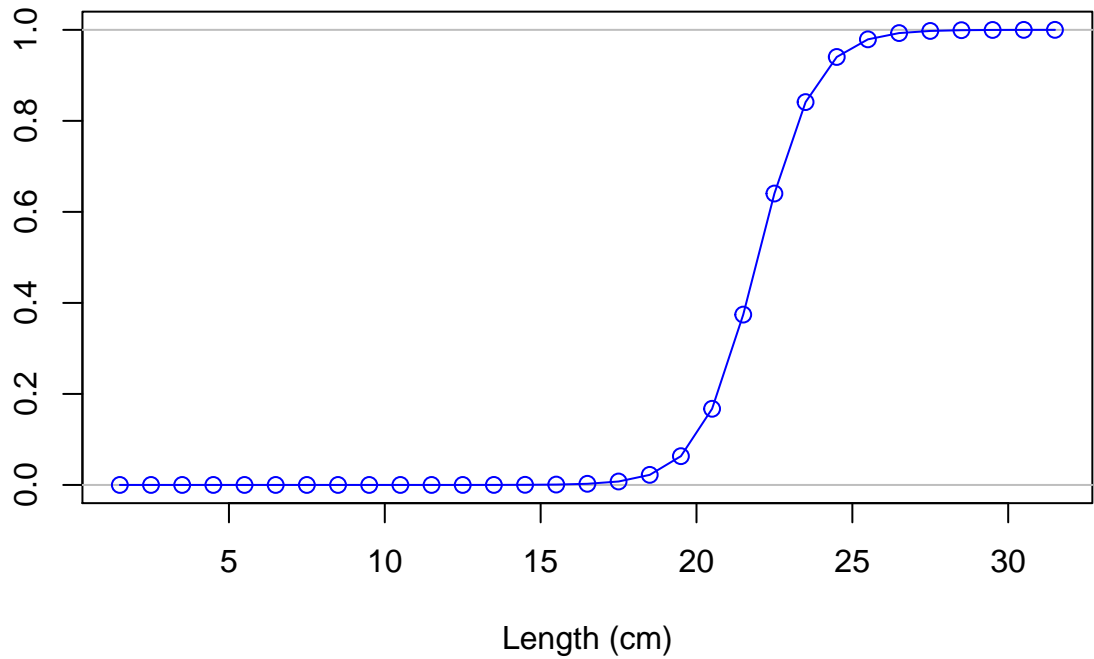
Selectivity

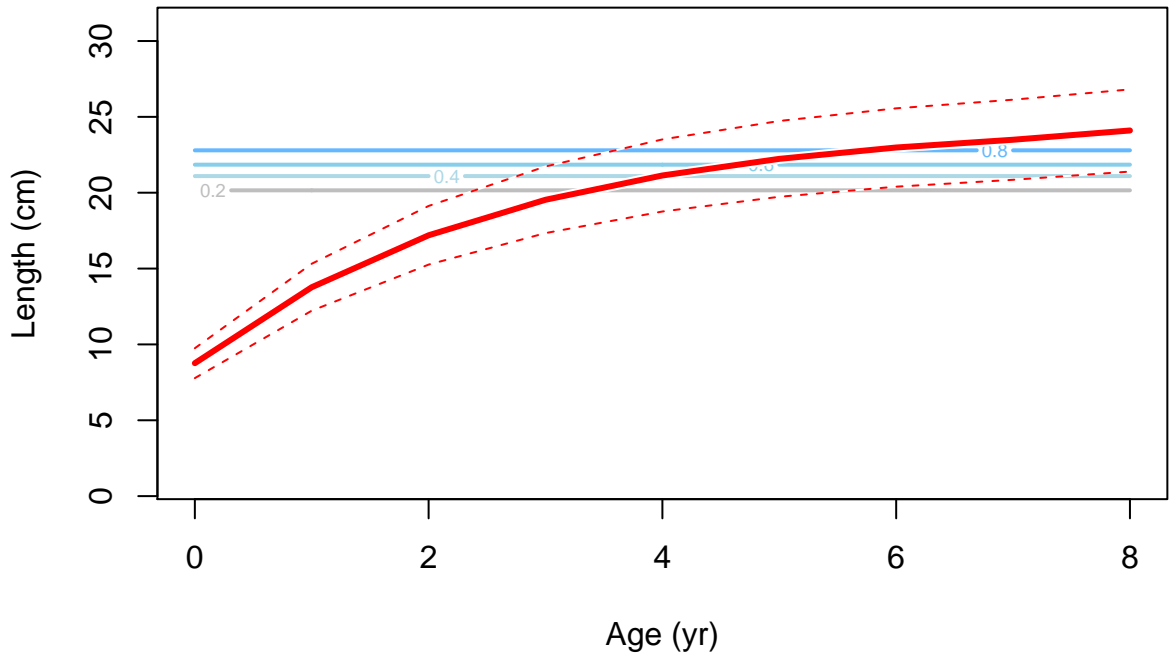


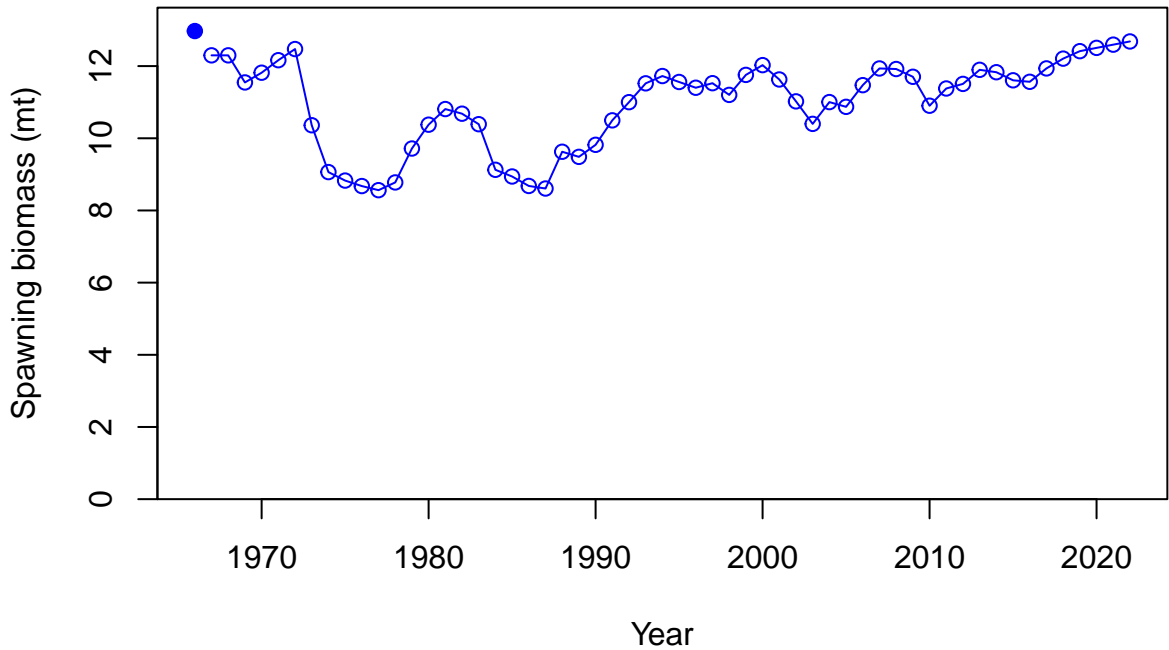
Selectivity



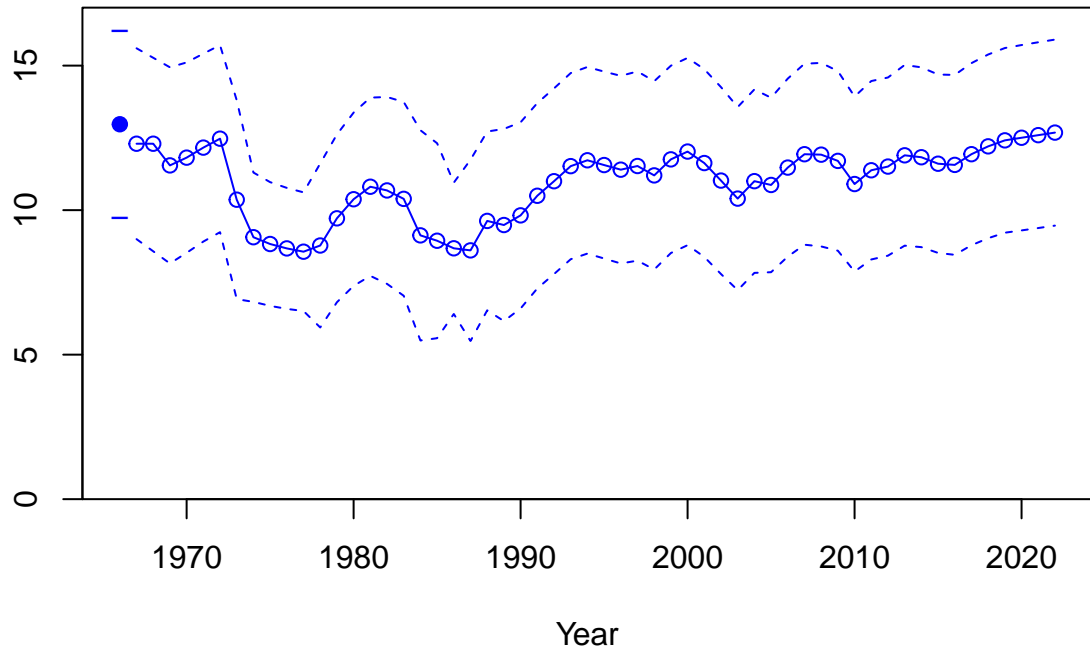
Selectivity



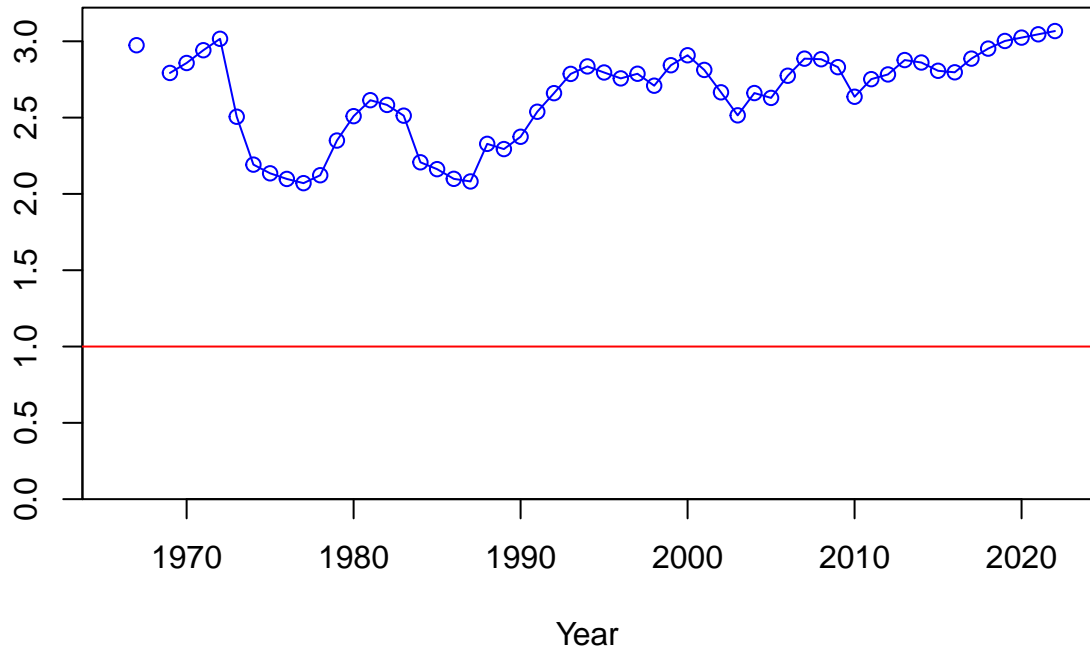




Spawning biomass (mt)

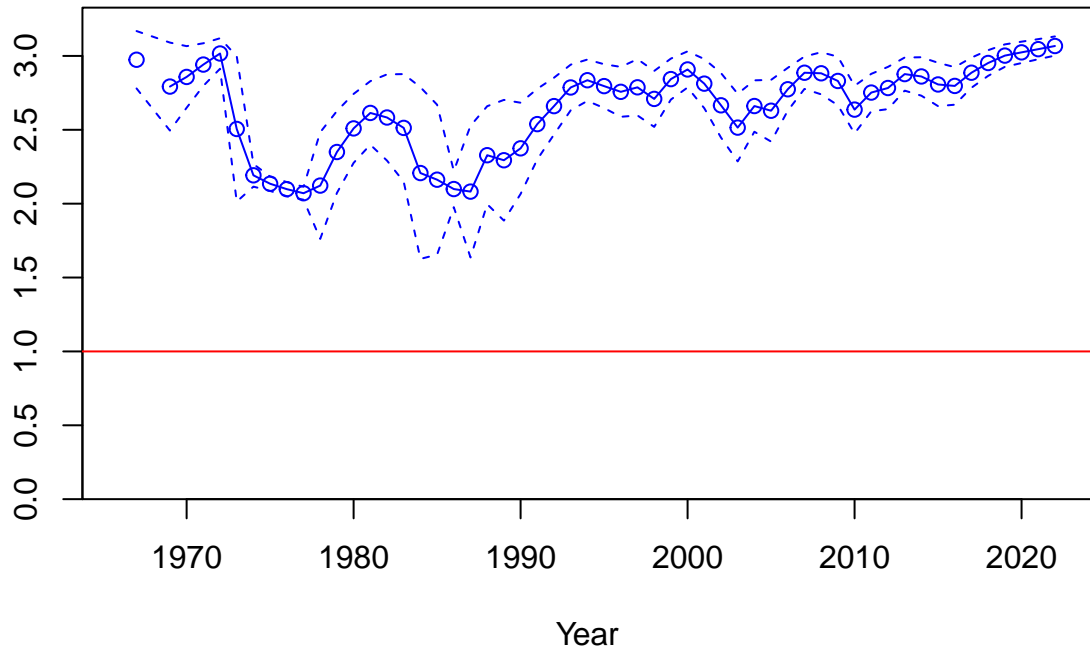


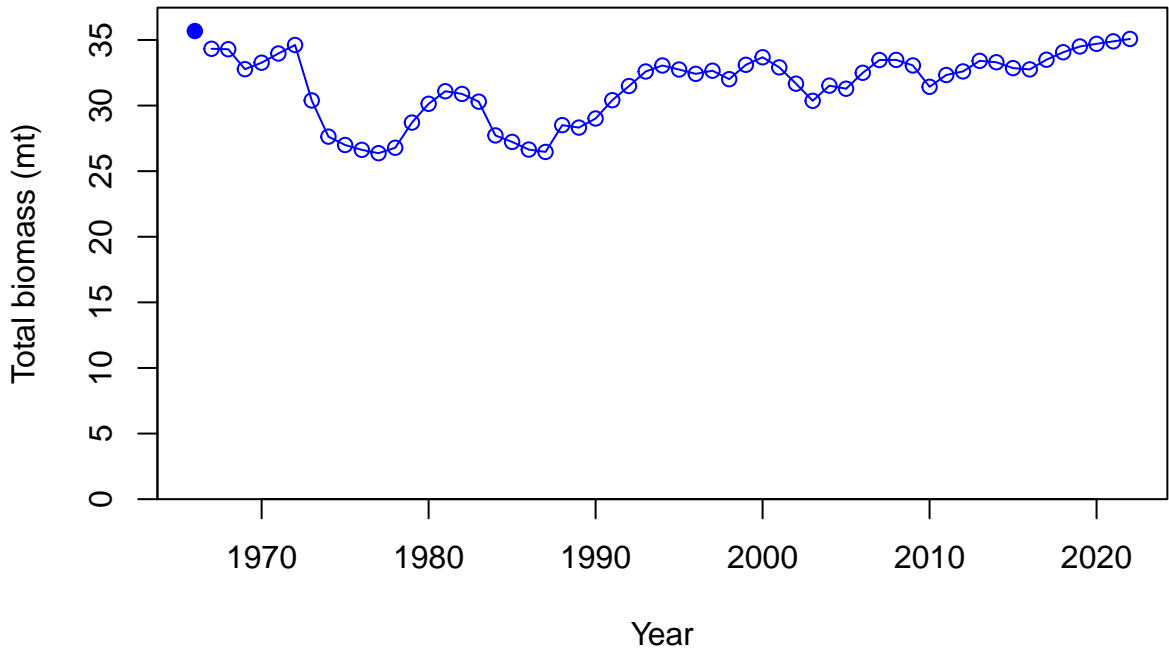
Relative spawning biomass:  $B/B_{MSY}$

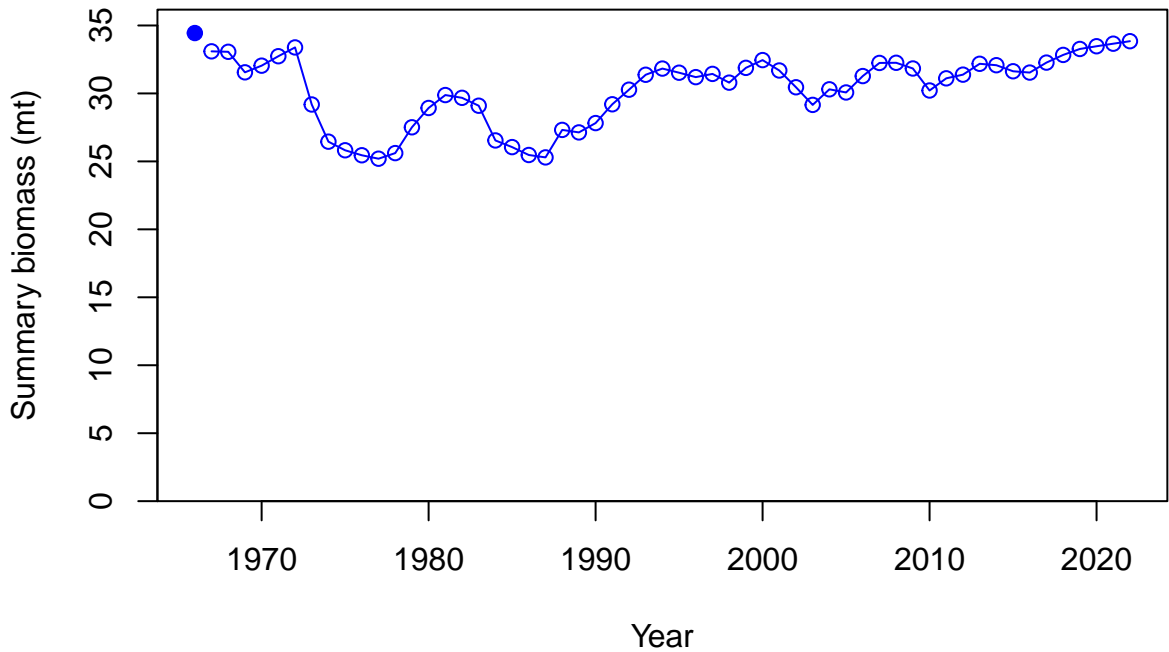




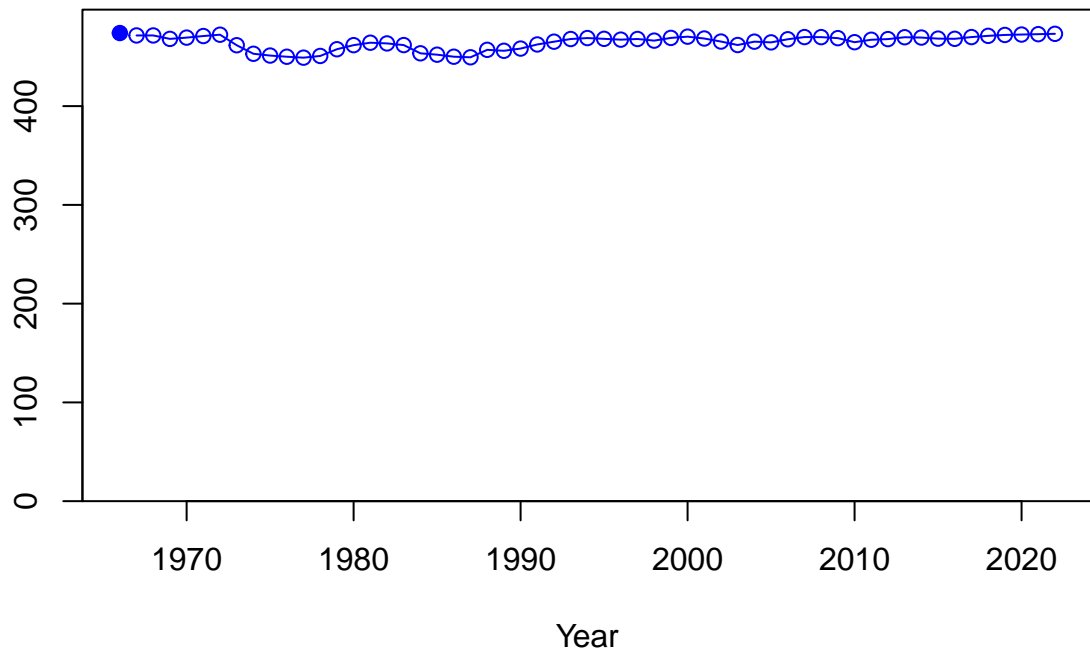
Relative spawning biomass: B/B<sub>MSY</sub>



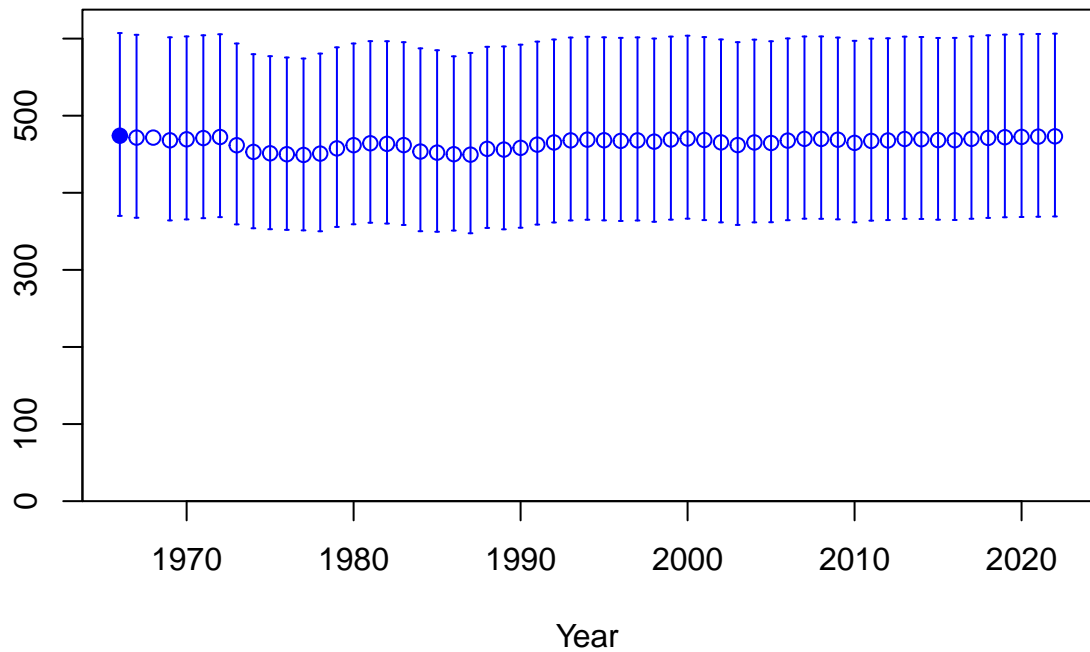




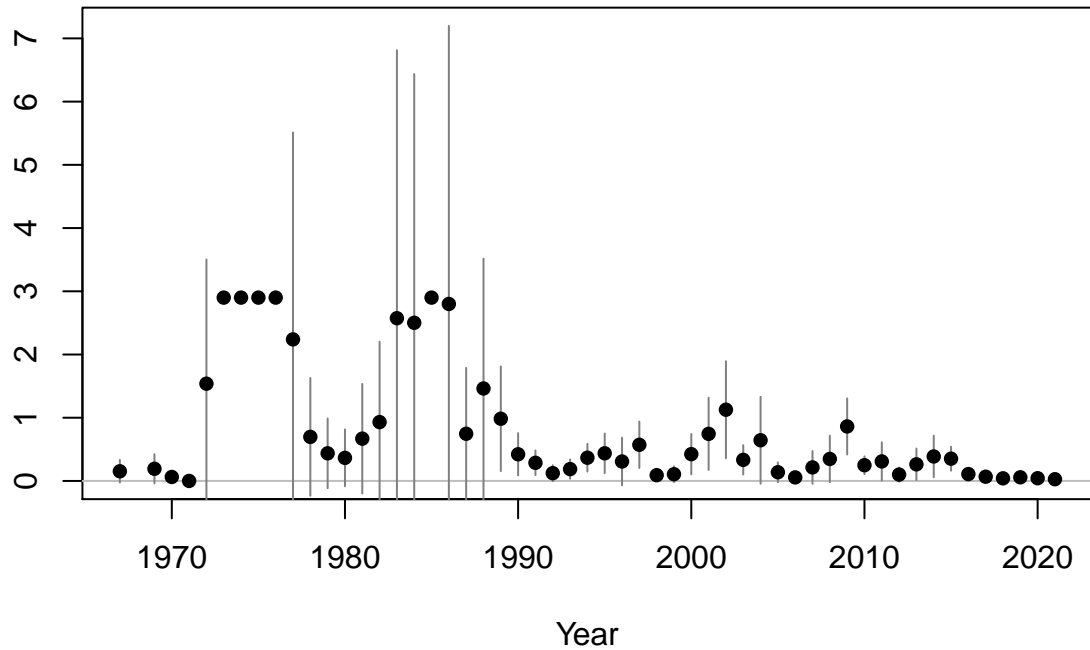
Age-0 recruits (1,000s)

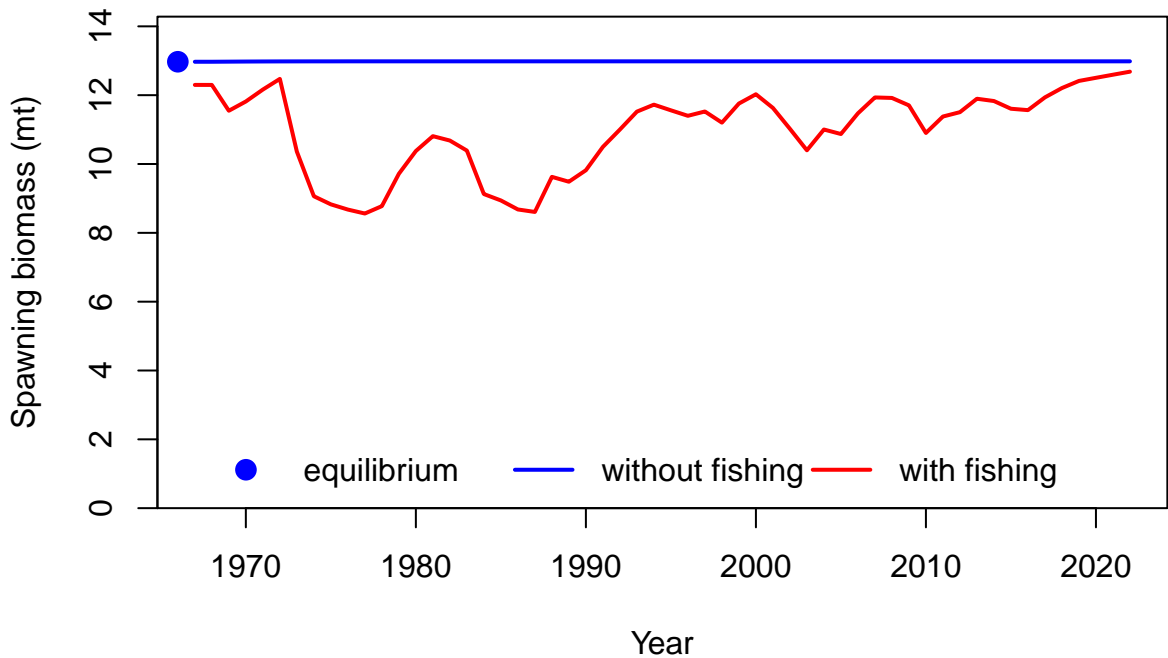


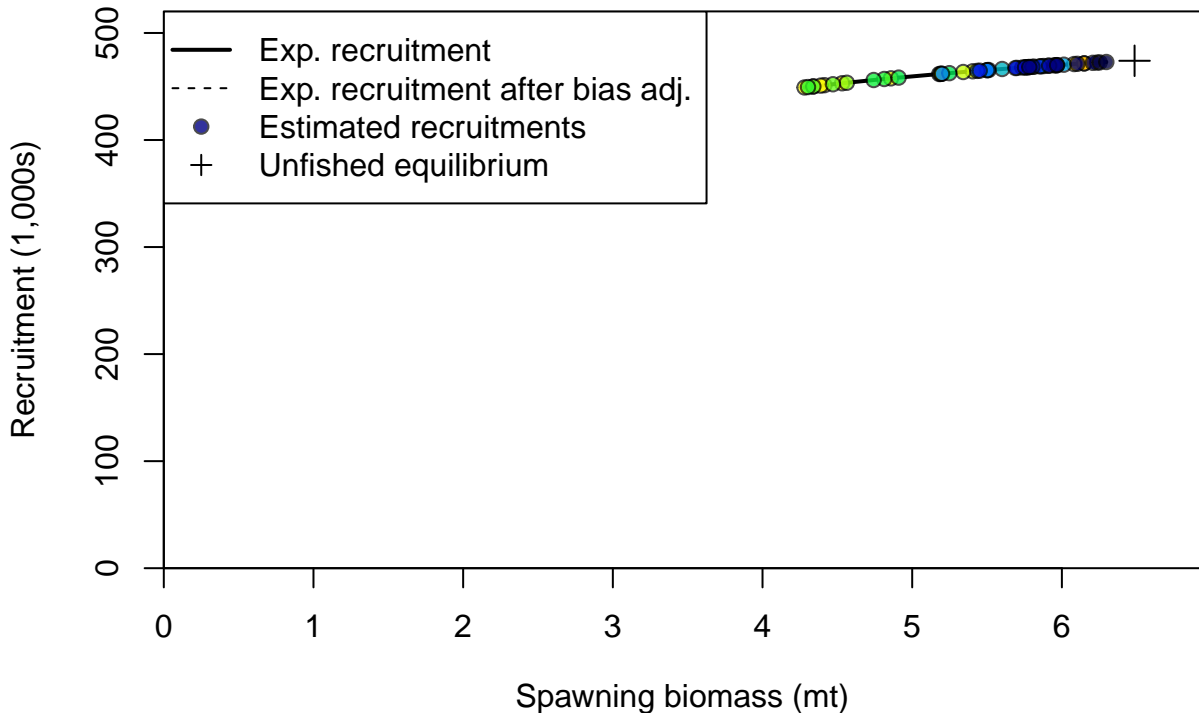
Age-0 recruits (1,000s)



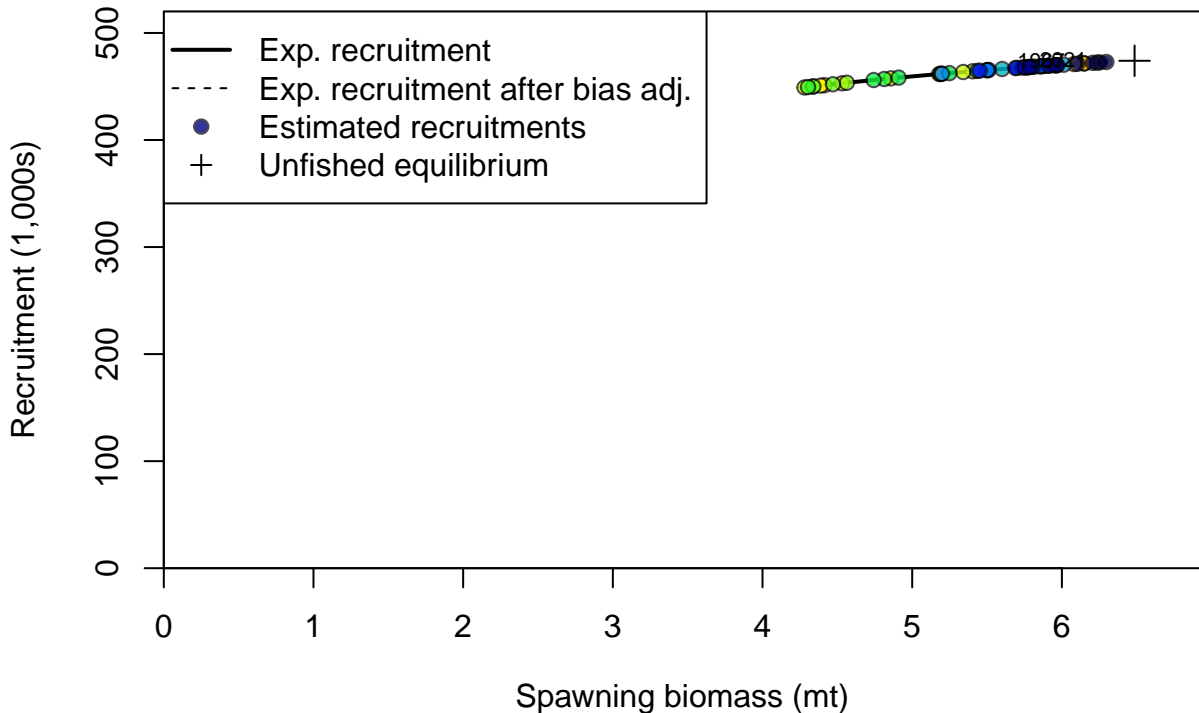
Summary Fishing Mortality

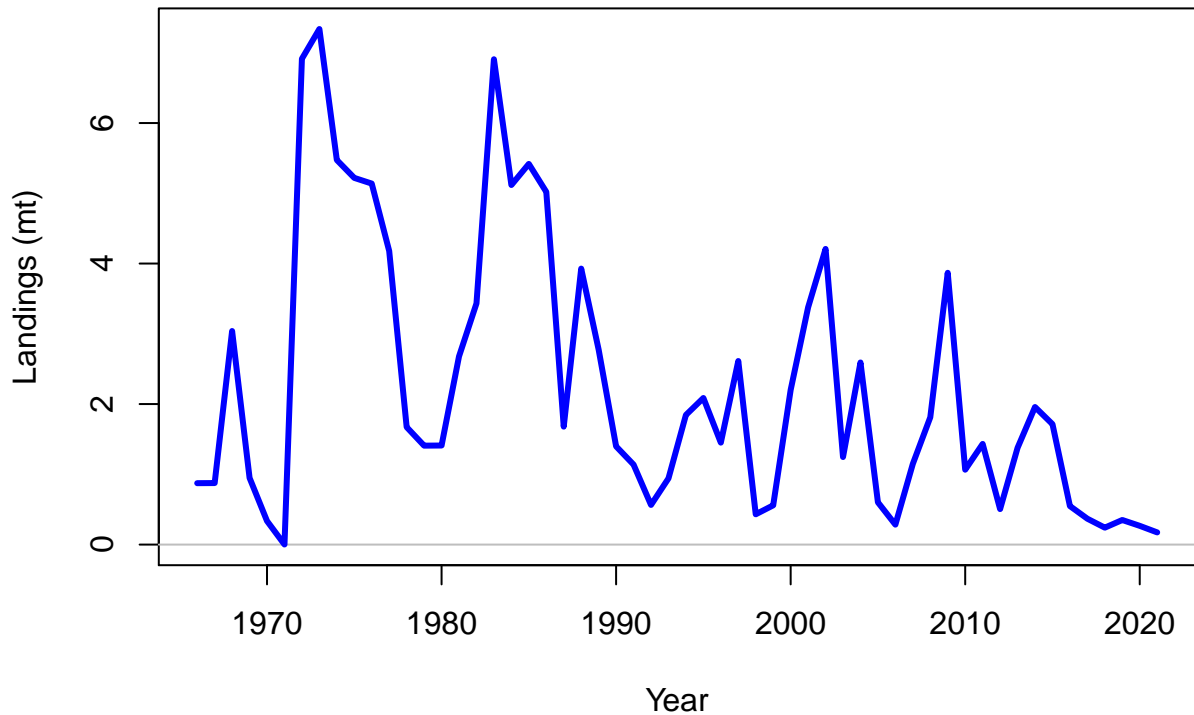


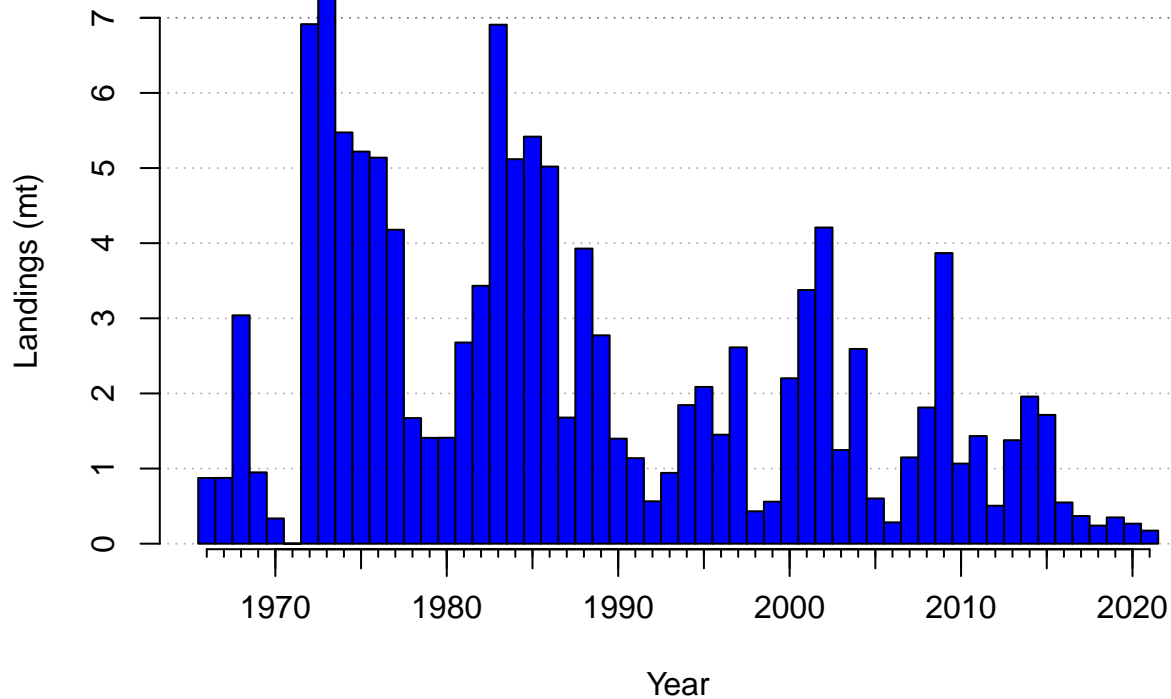




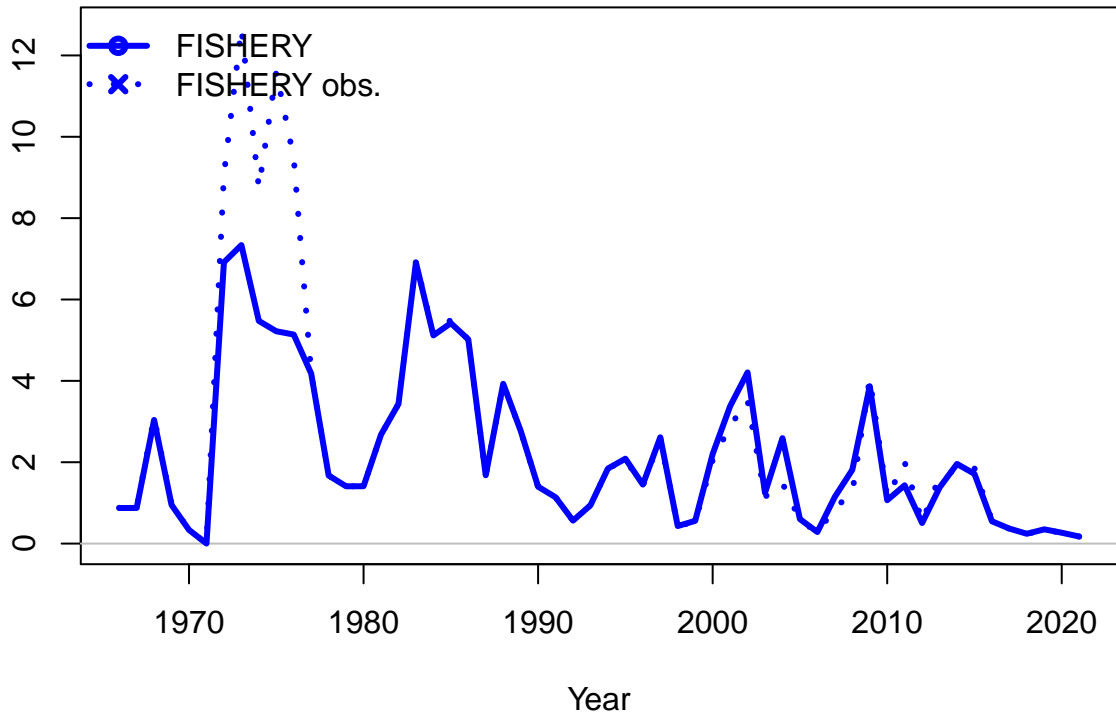


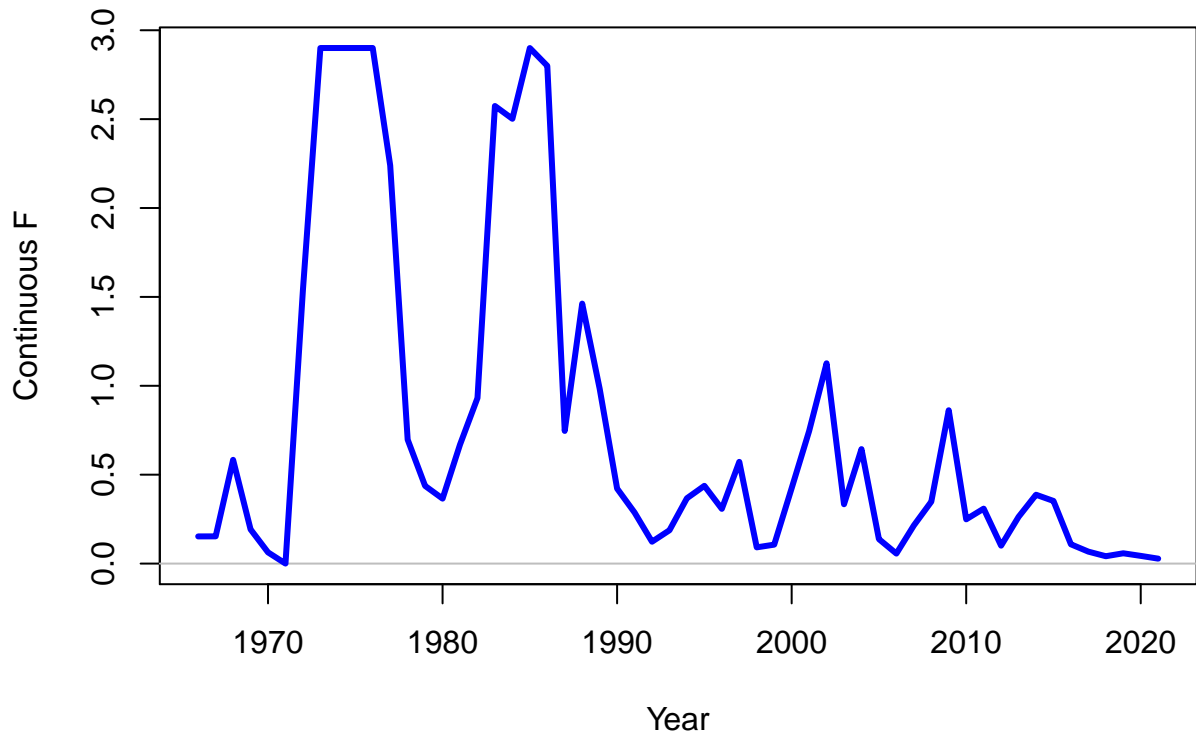




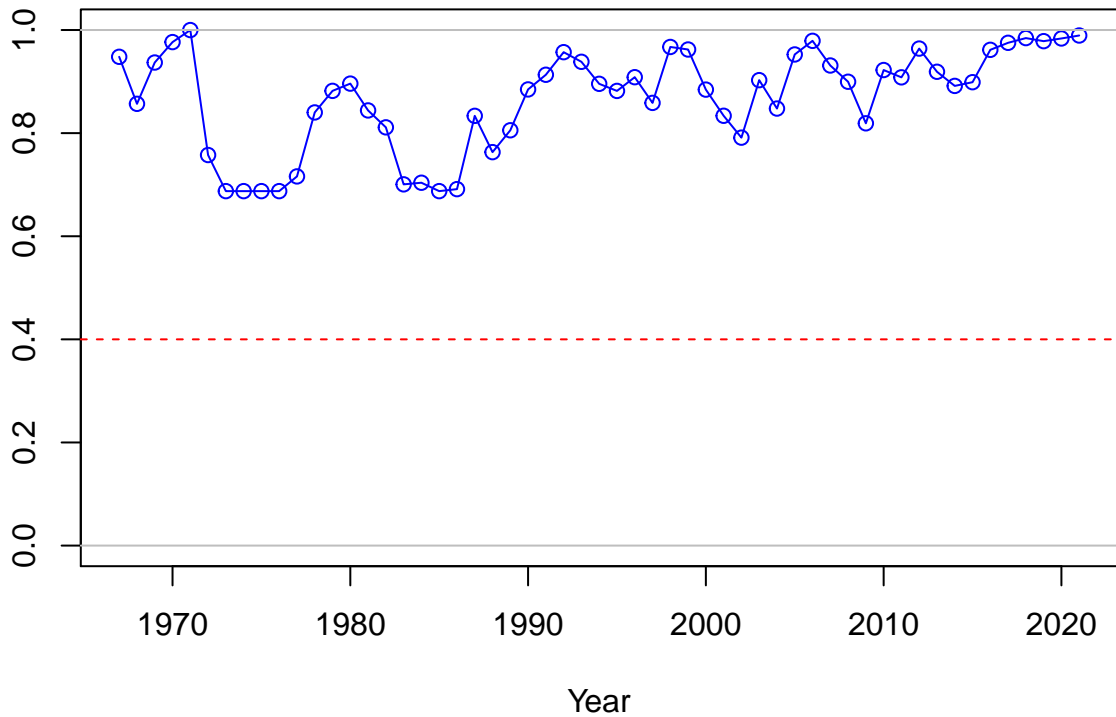


Observed and expected Landings (mt)

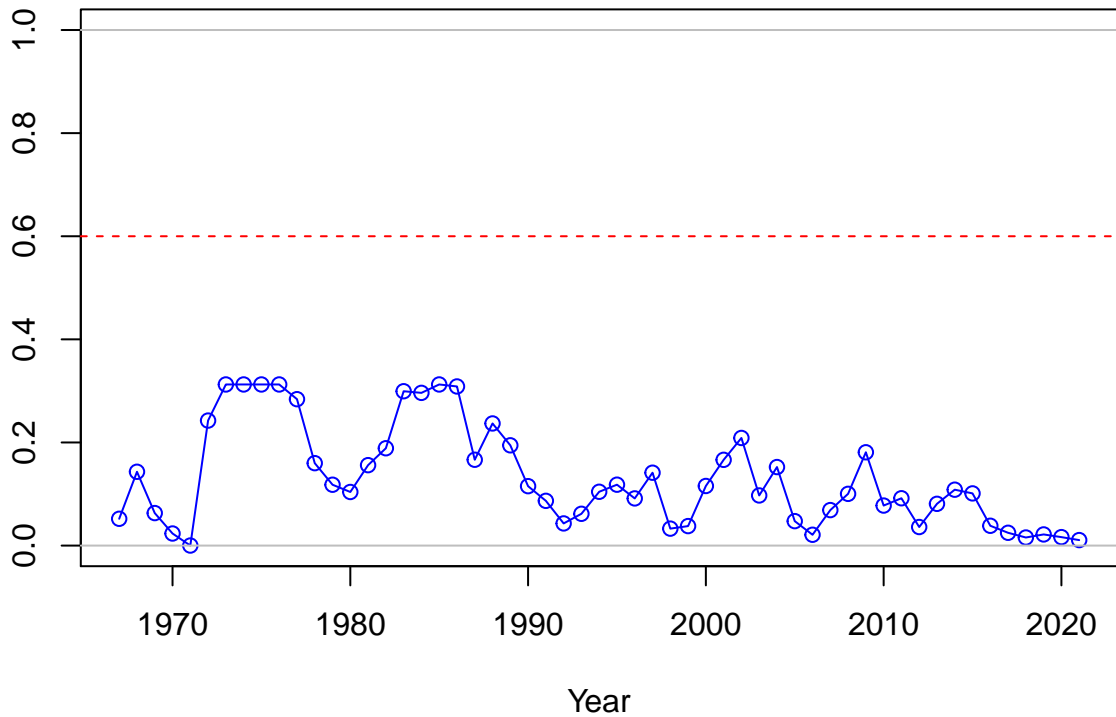




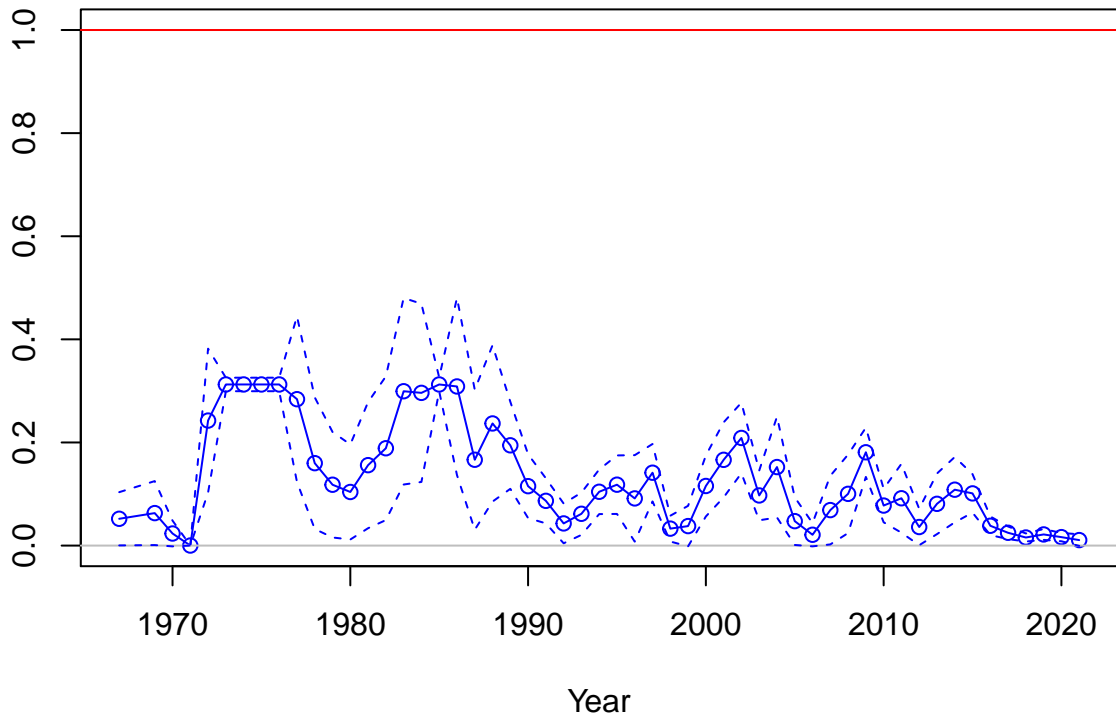
SPR



1-SPR

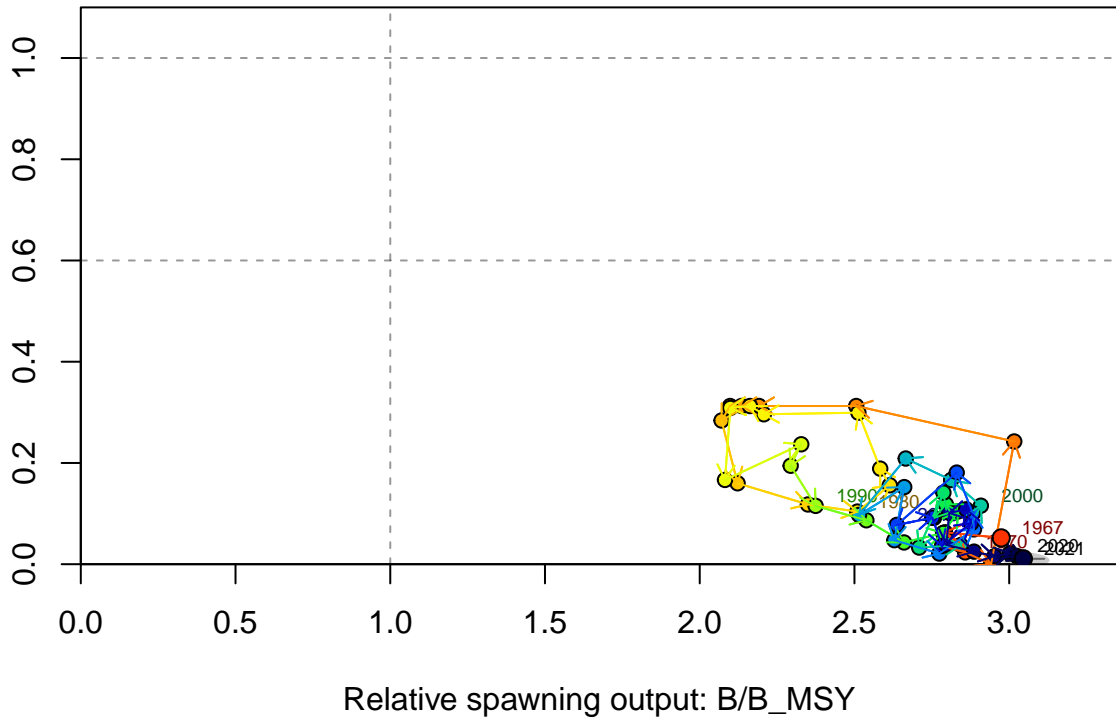


Fishing intensity: 1-SPR

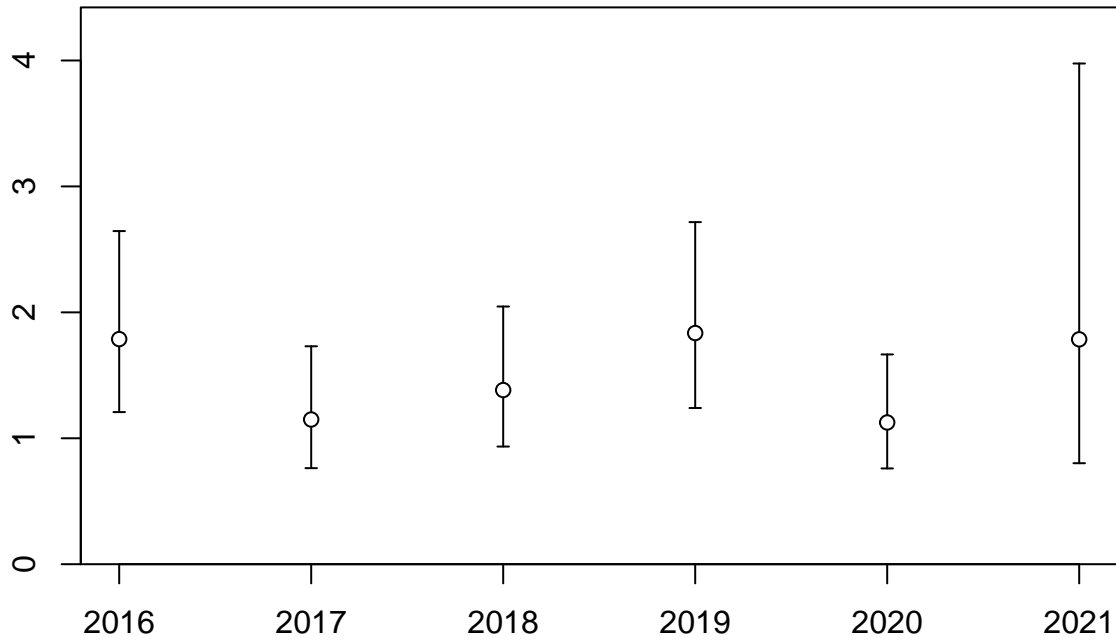




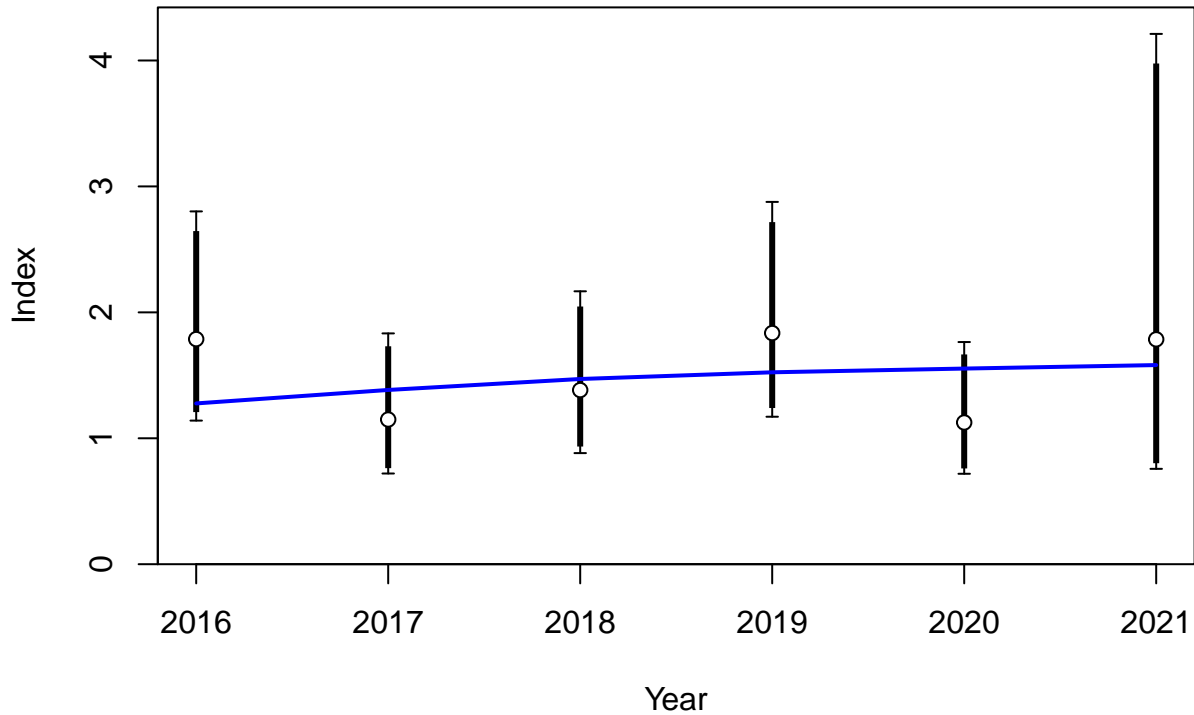
Fishing intensity: 1-SPR

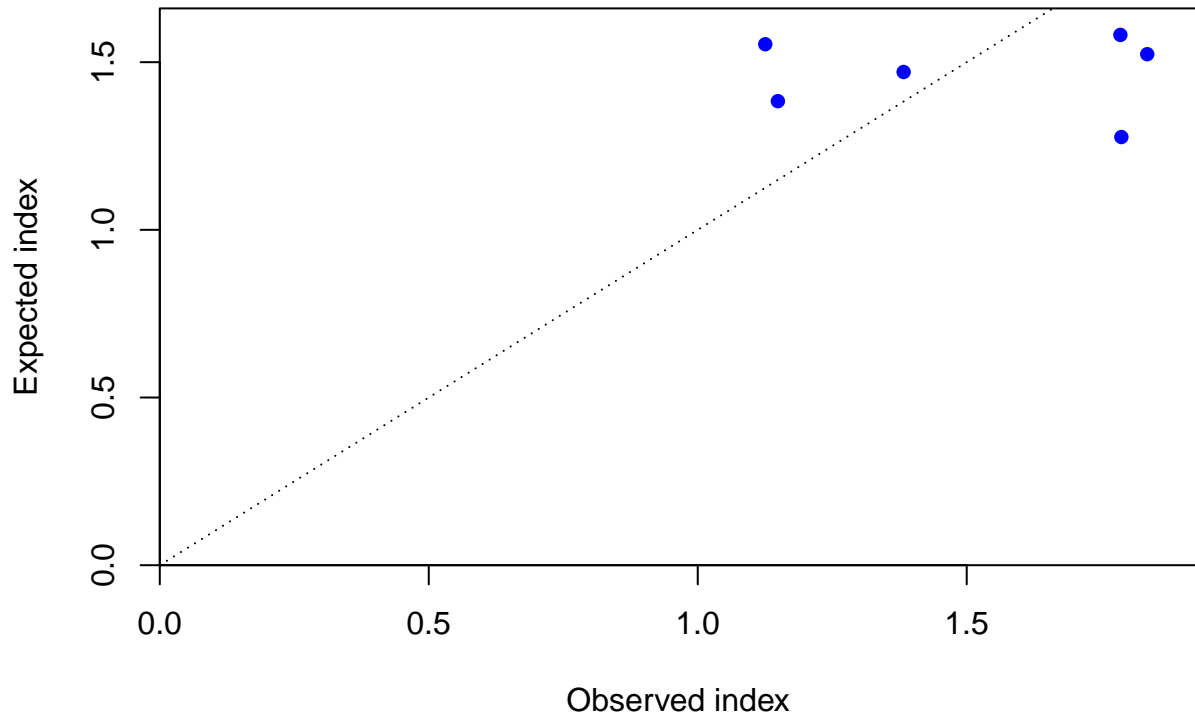


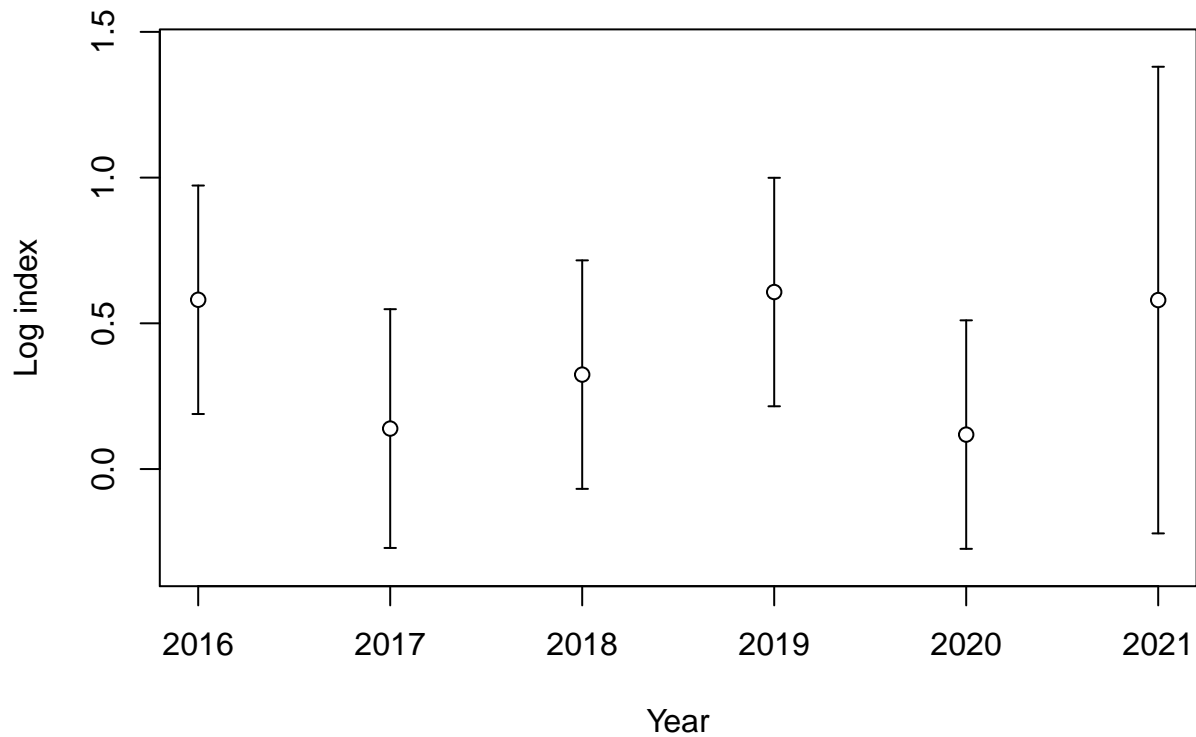
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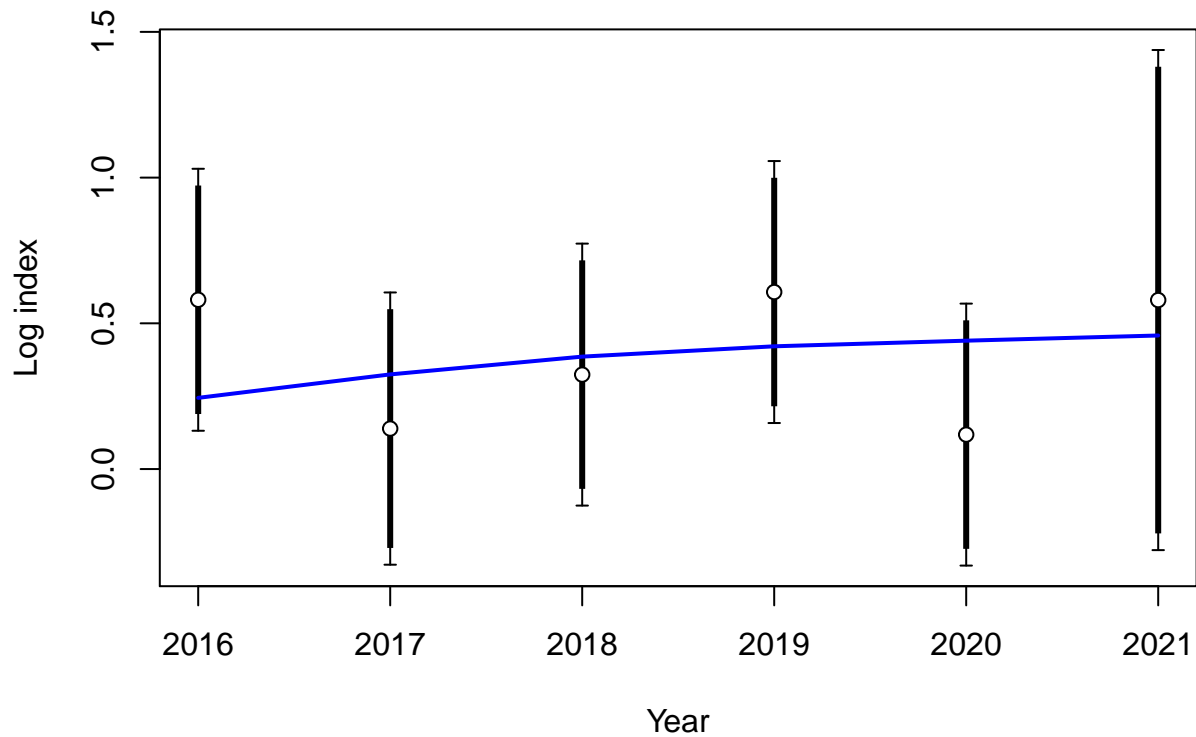


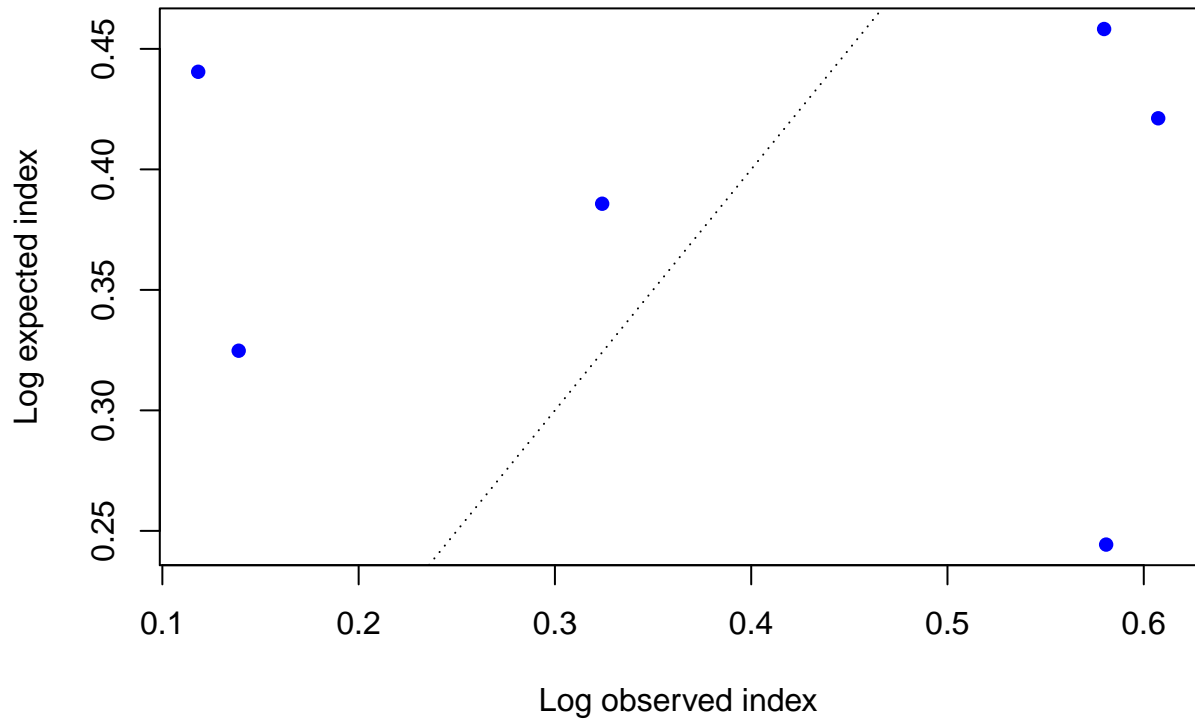
Year

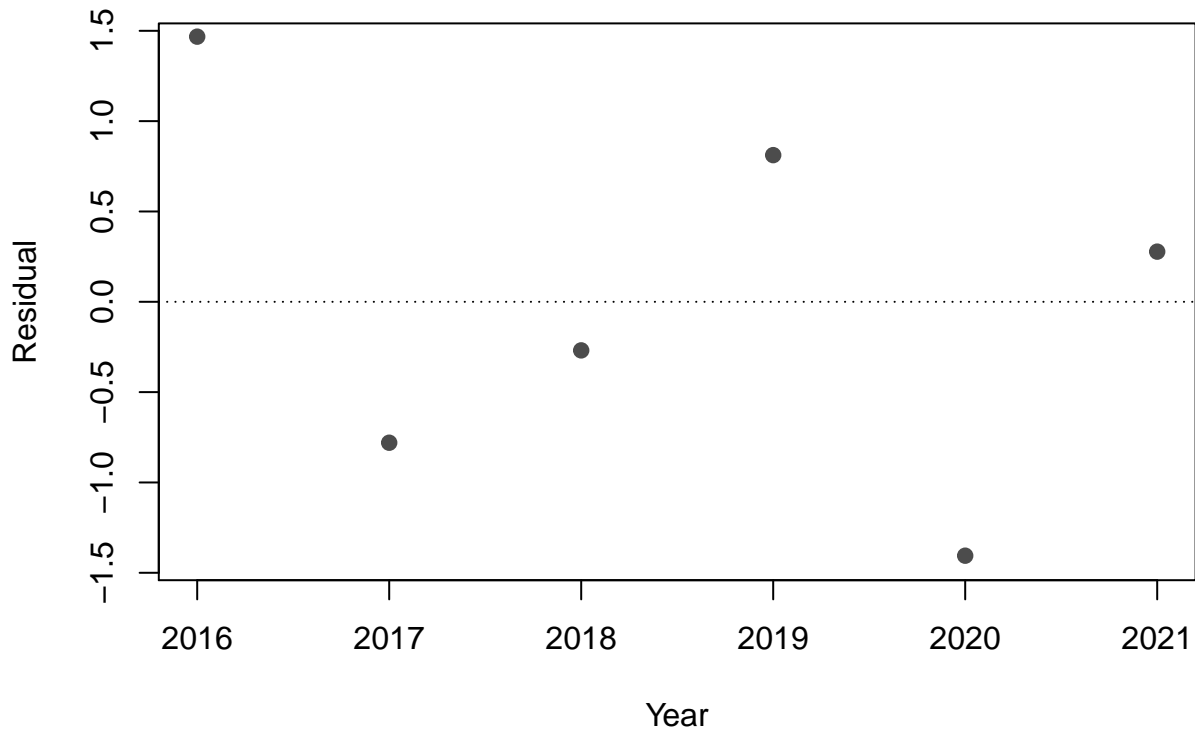




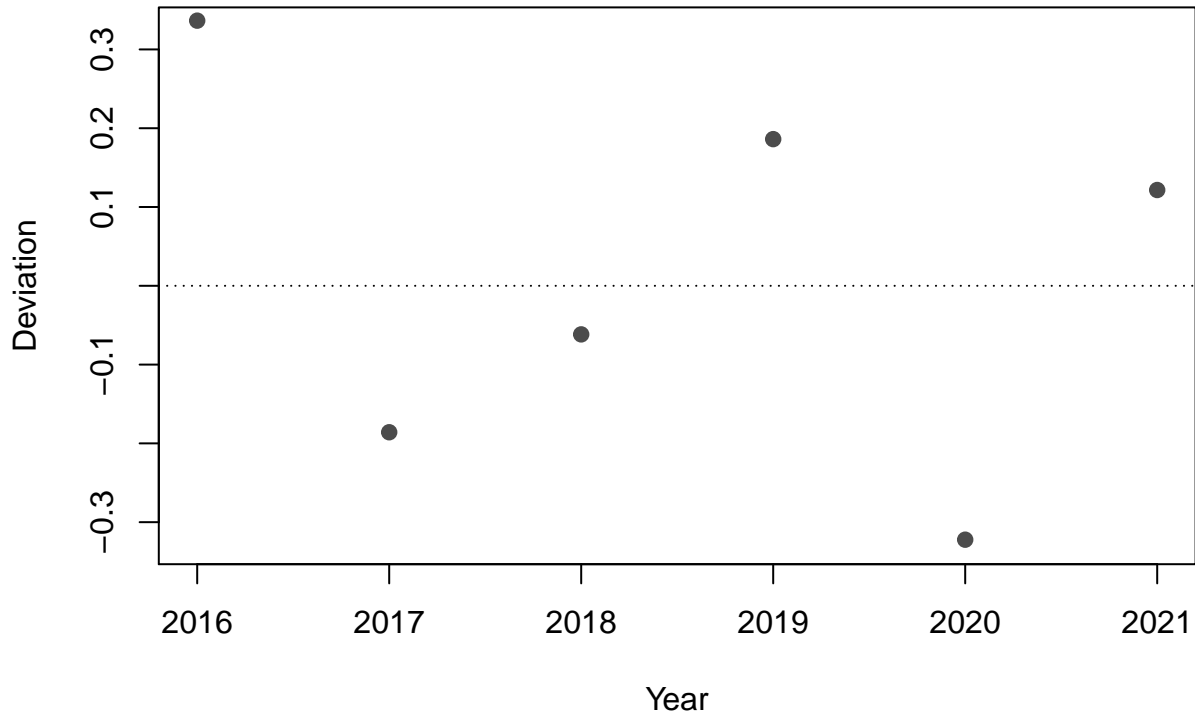




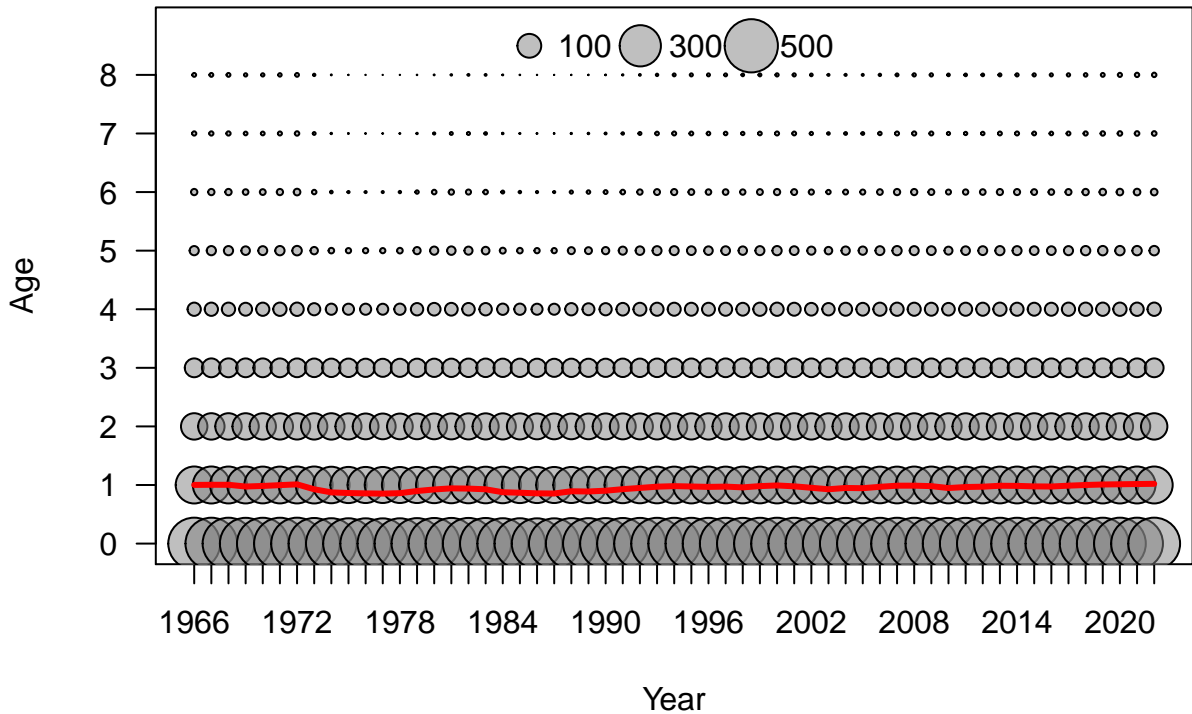




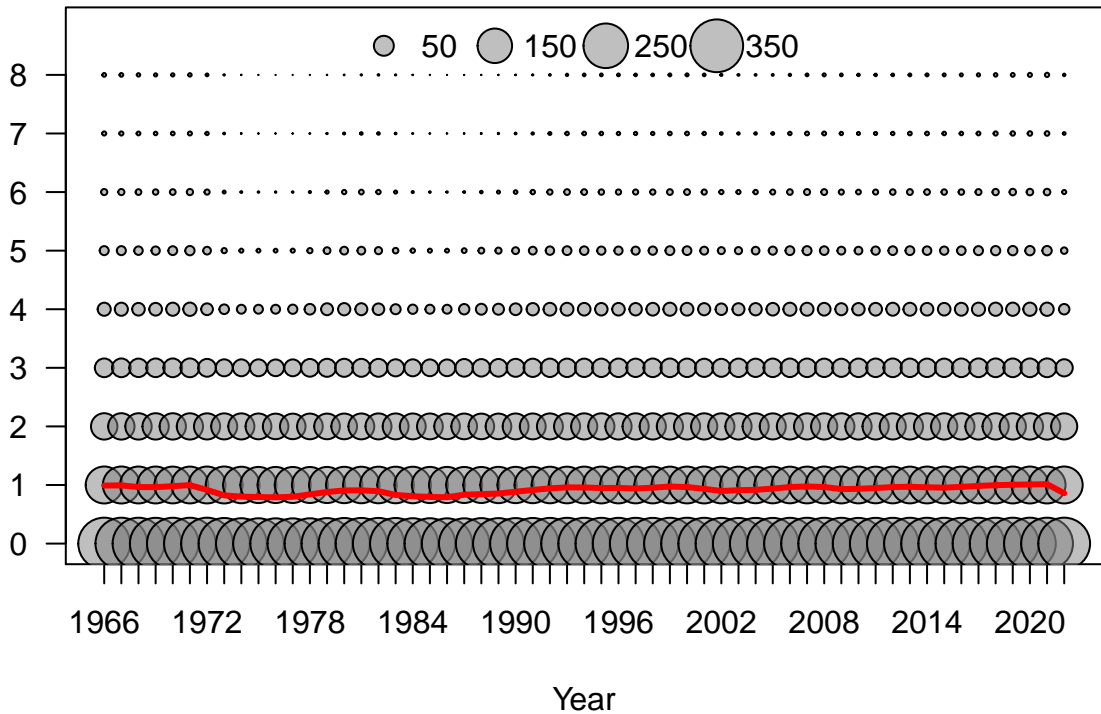


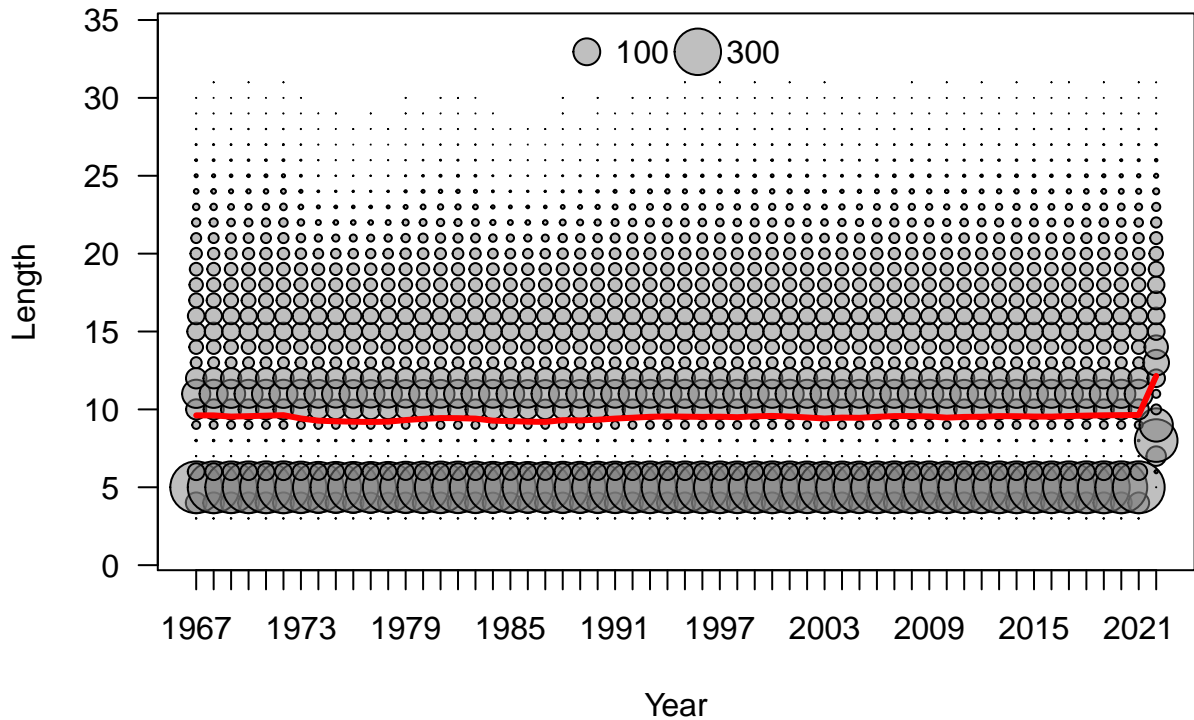


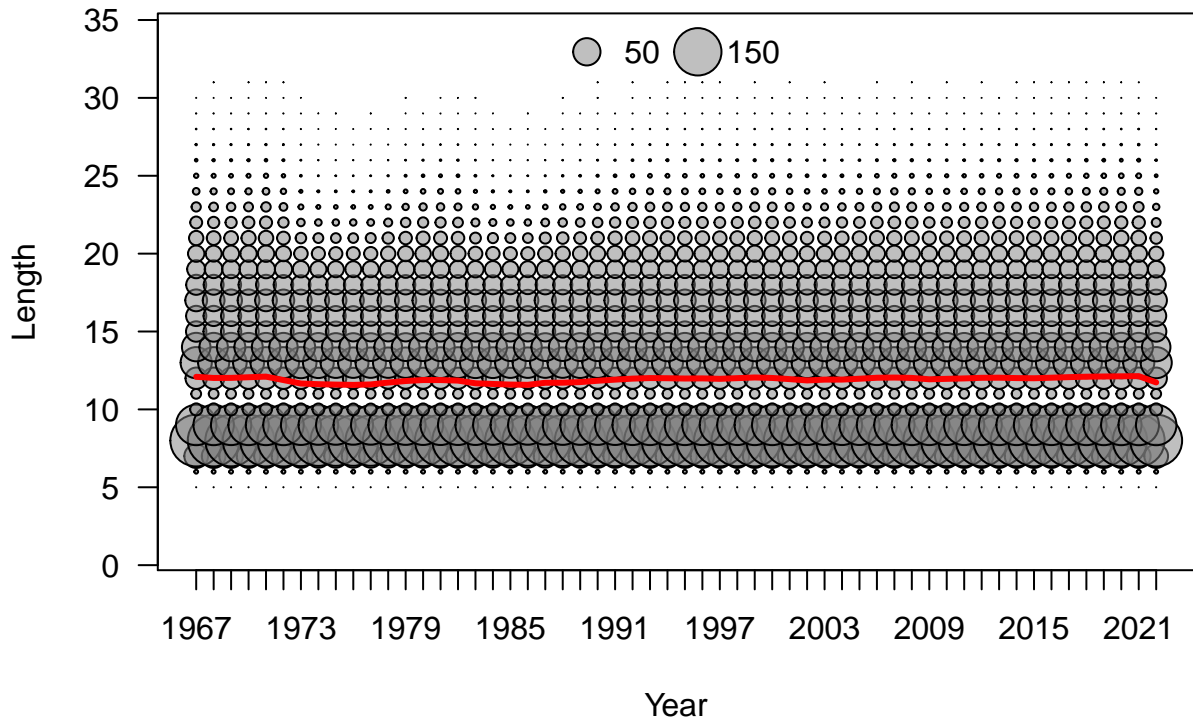


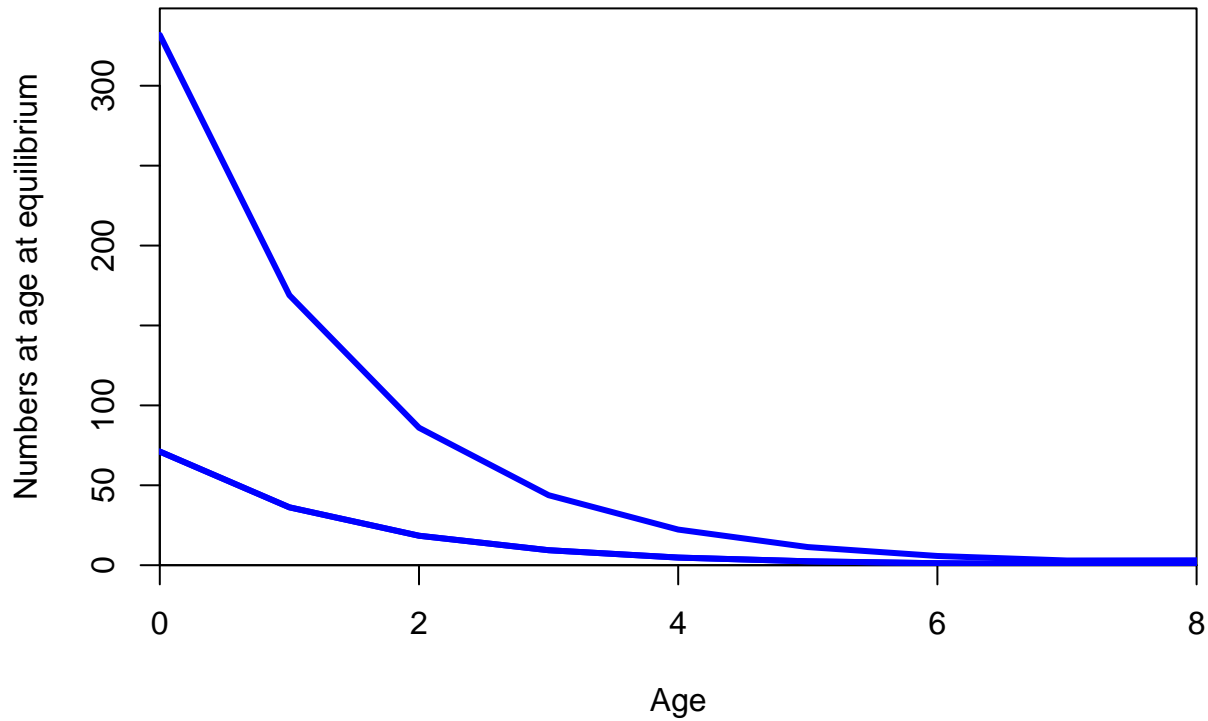


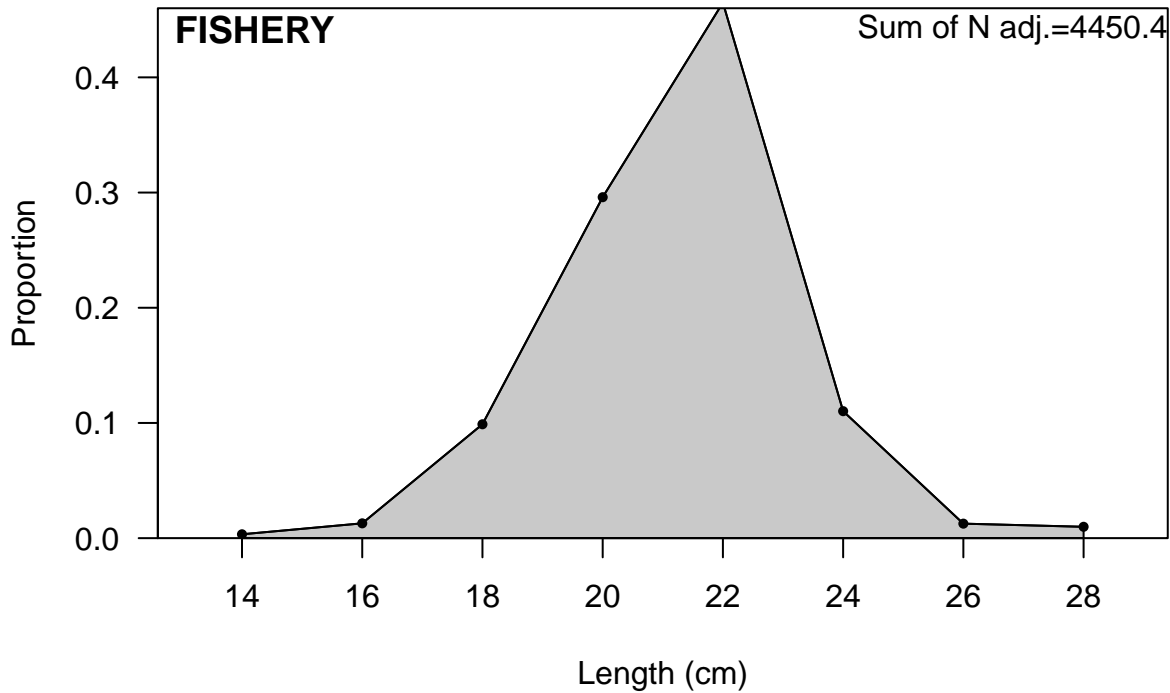
Age



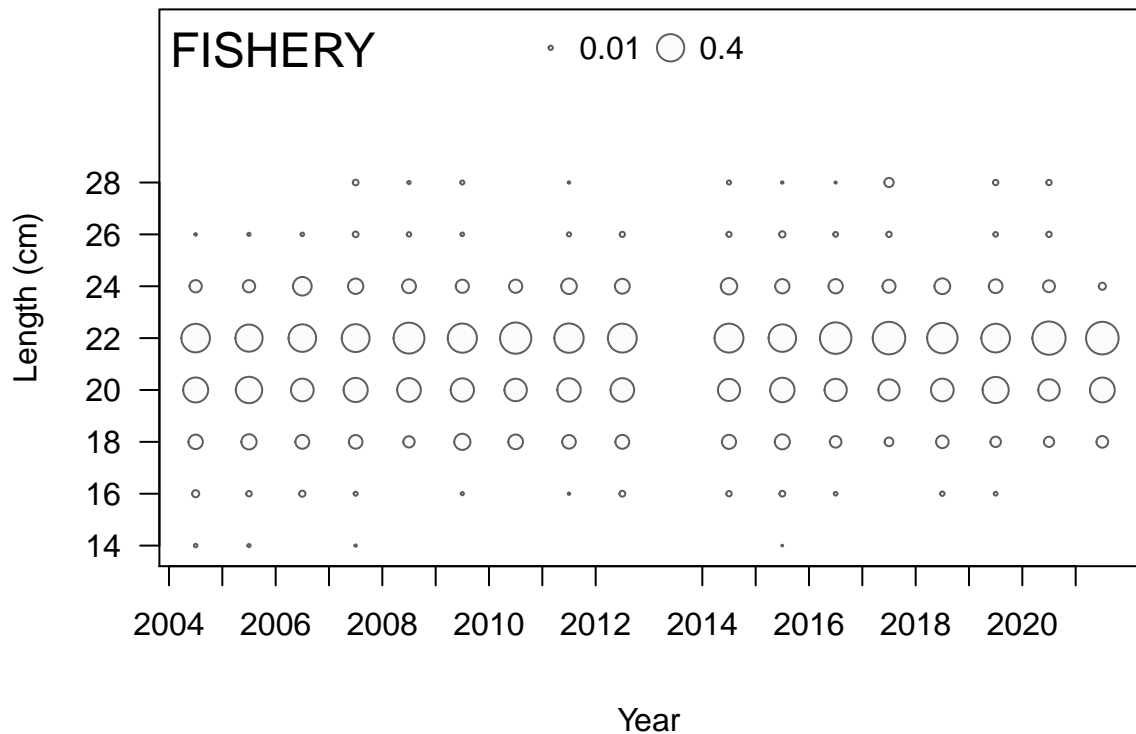




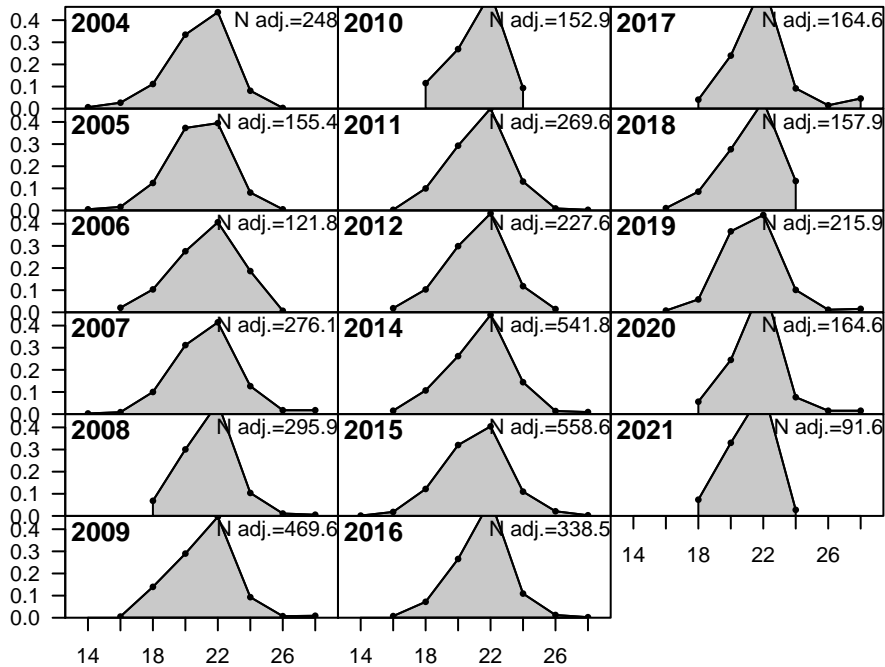








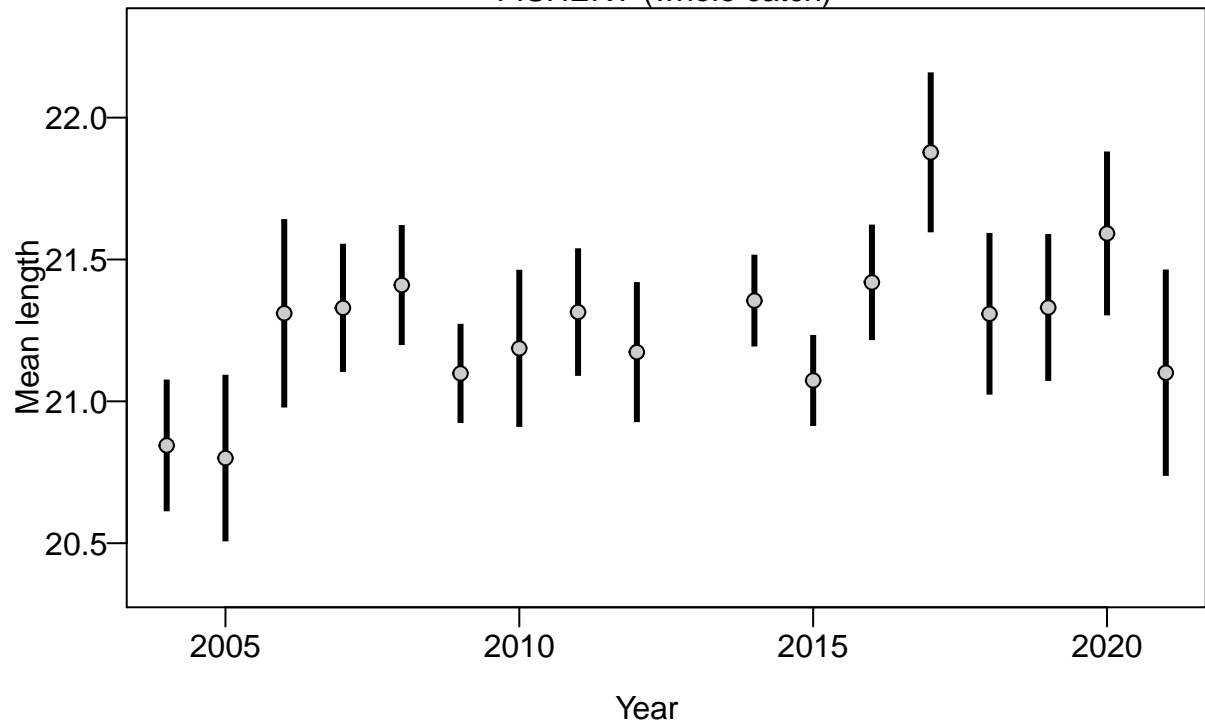
Proportion

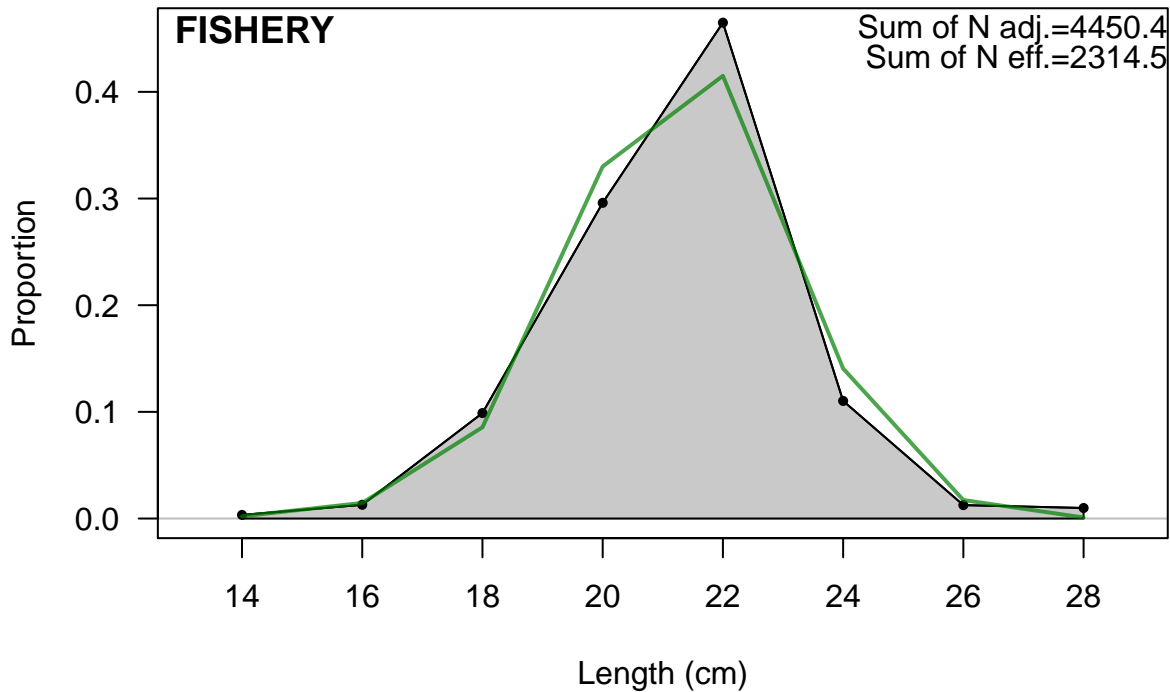


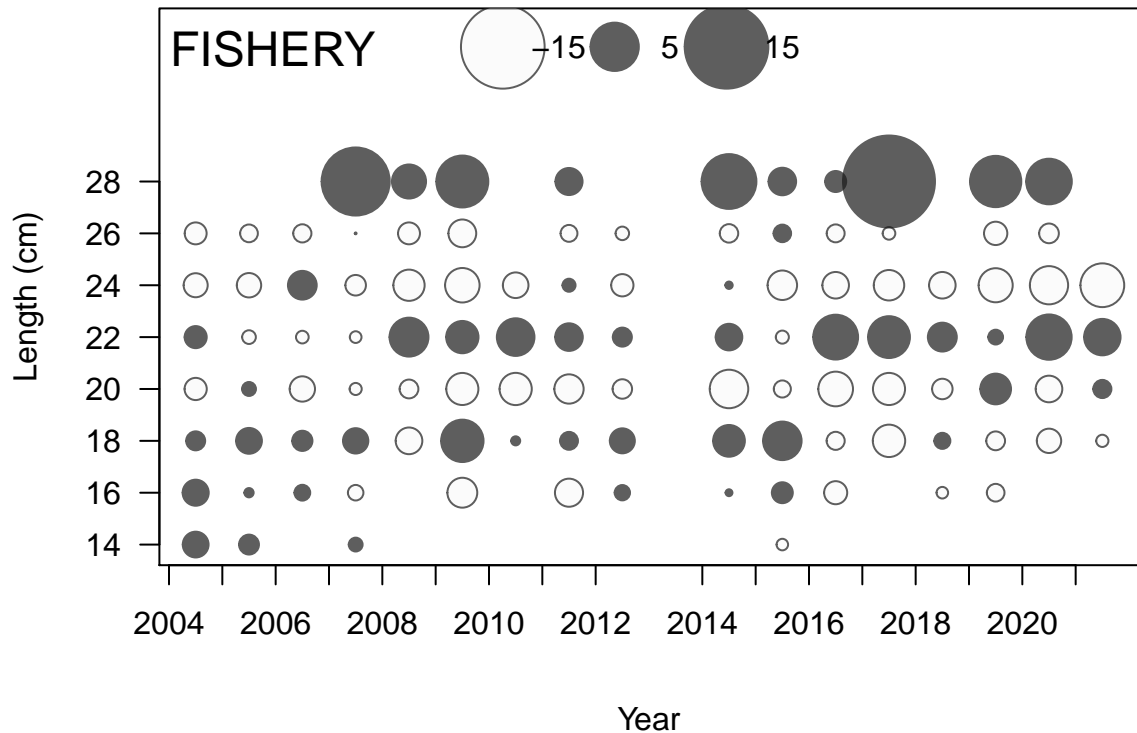
Length (cm)



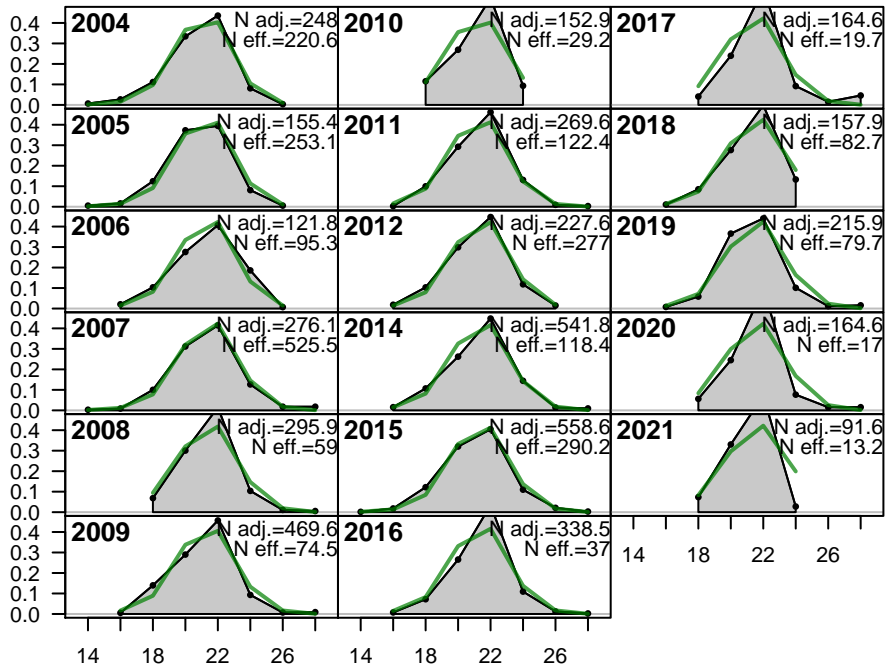
FISHERY (whole catch)





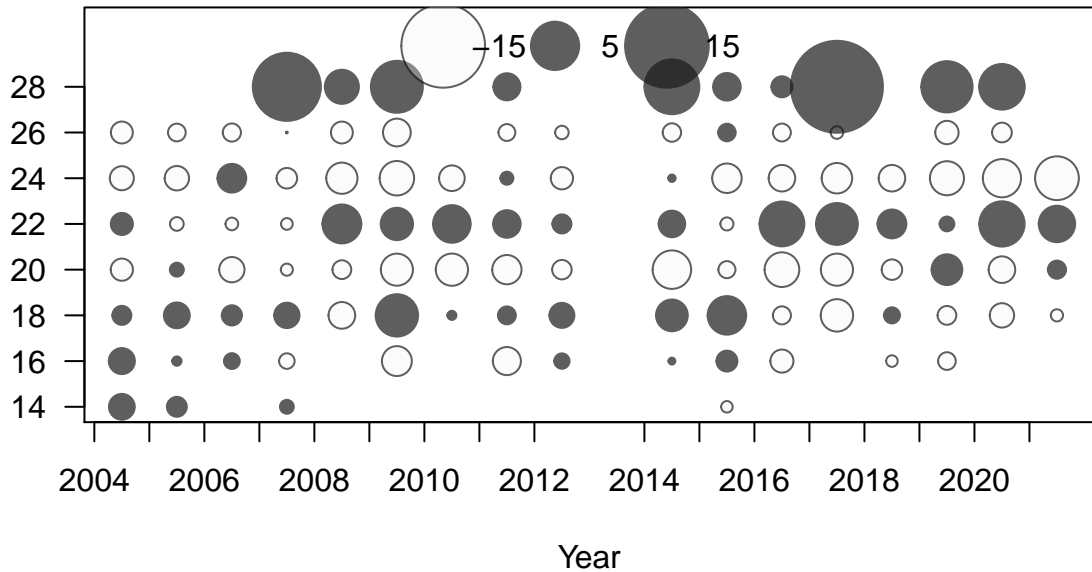


Proportion



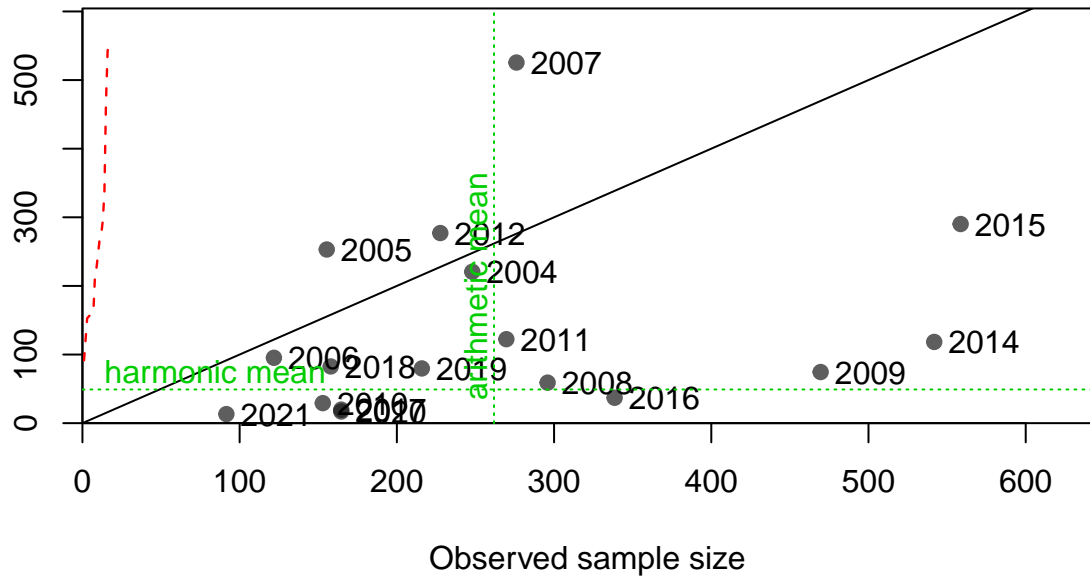
Length (cm)

Length (cm)

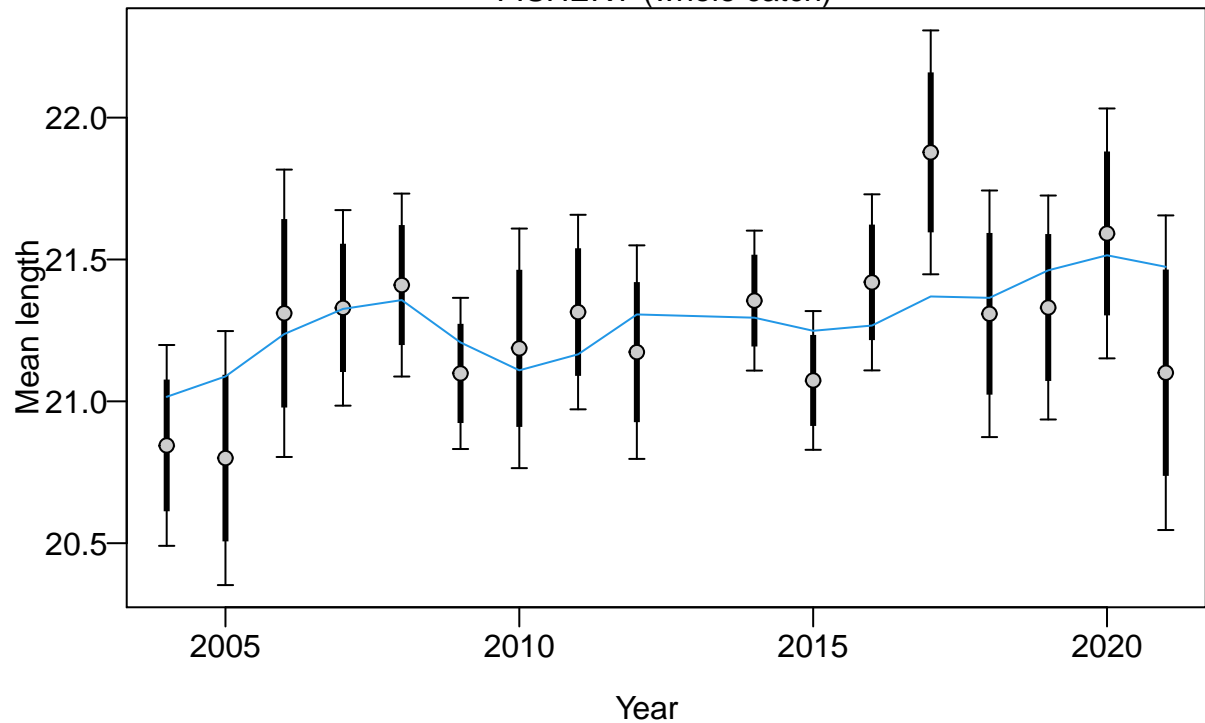


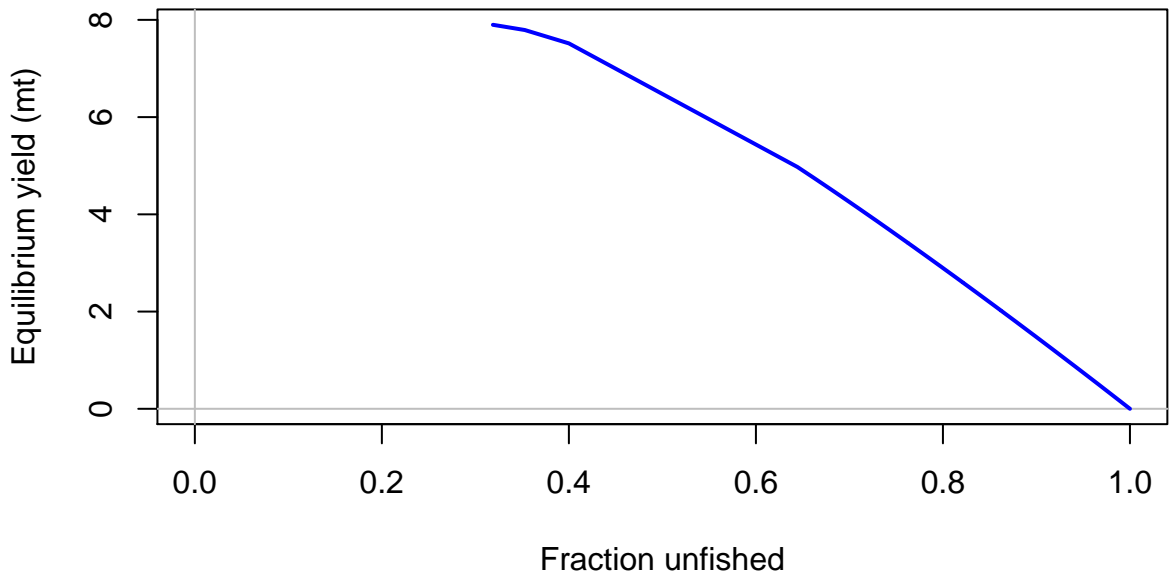


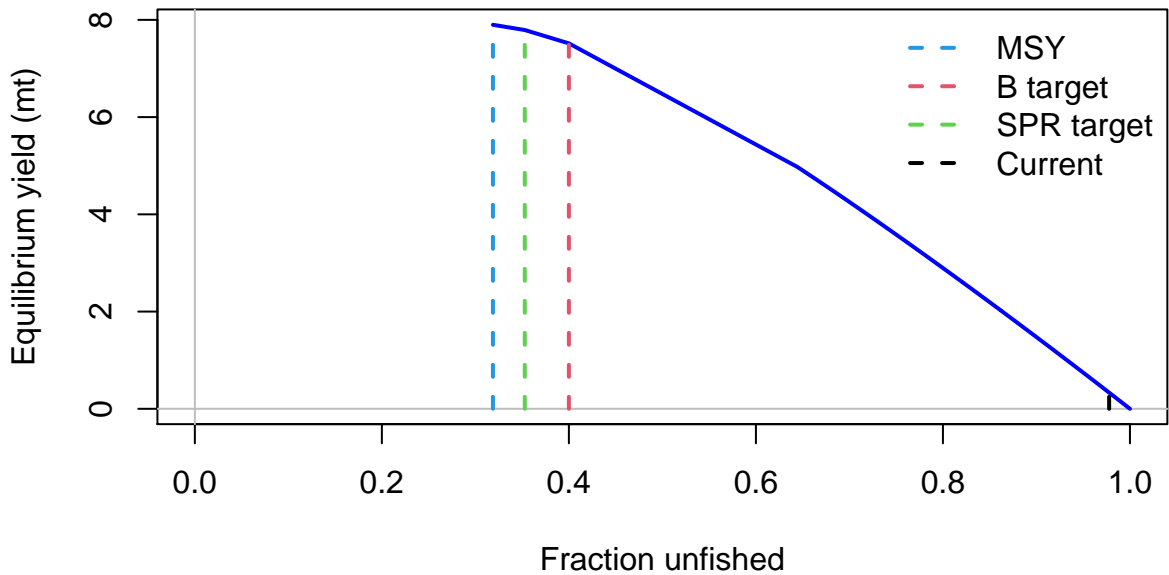
Effective sample size

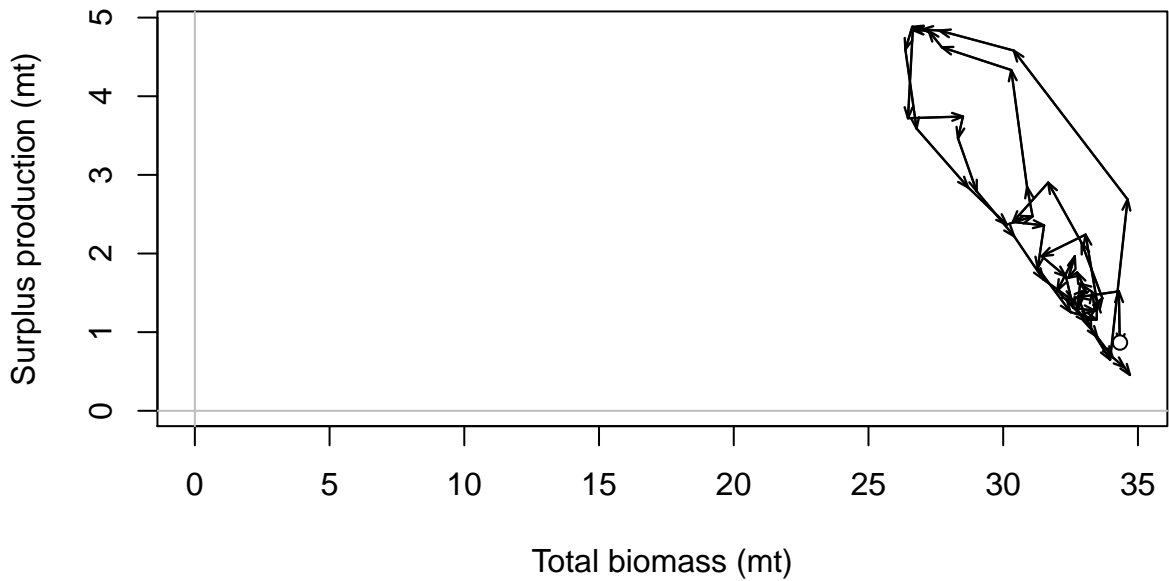


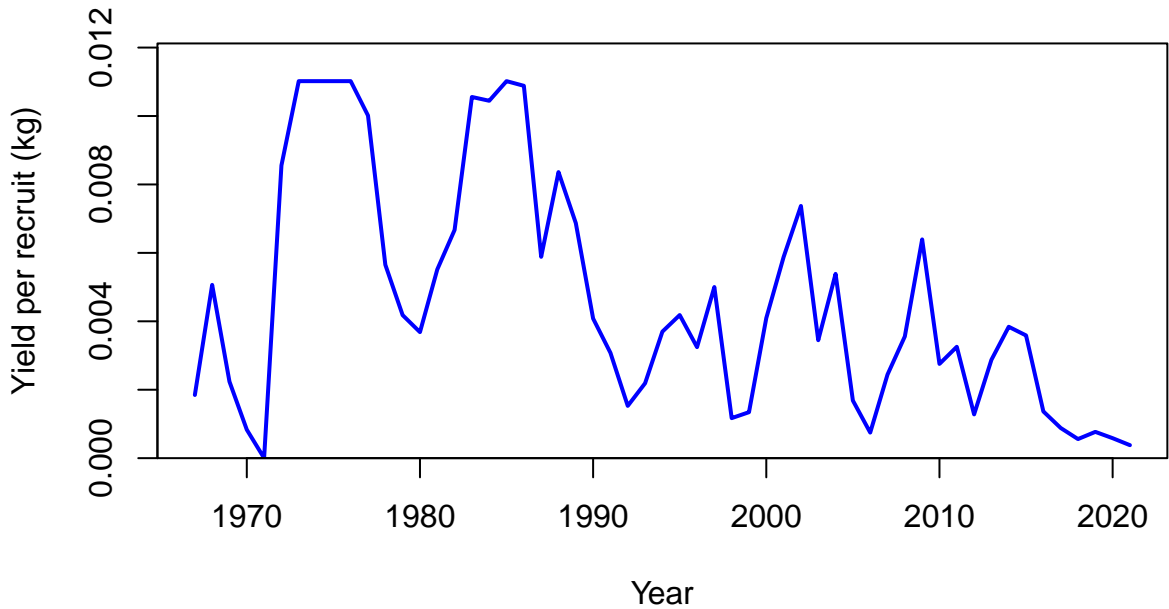
FISHERY (whole catch)

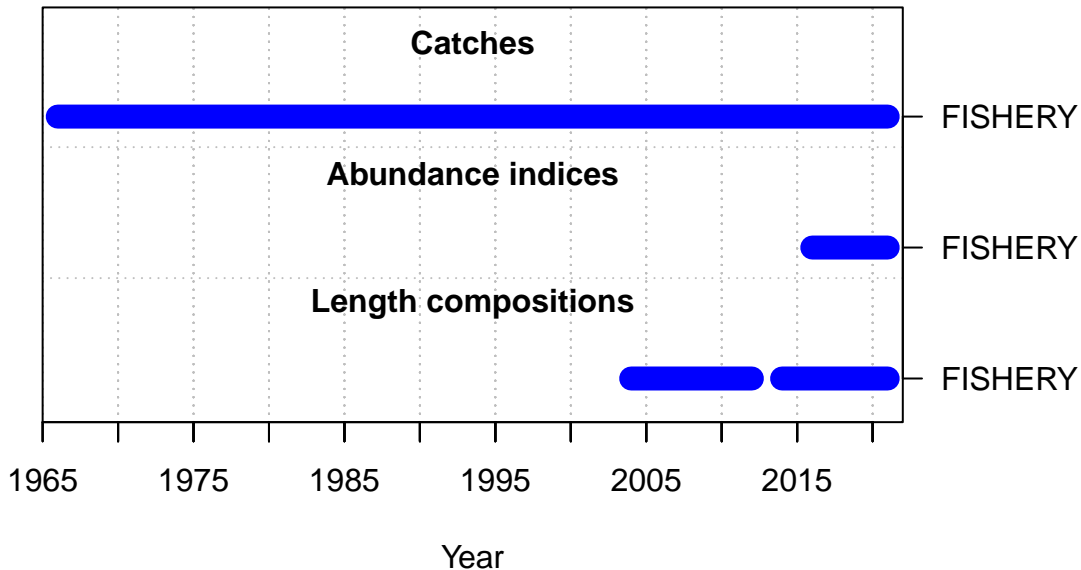


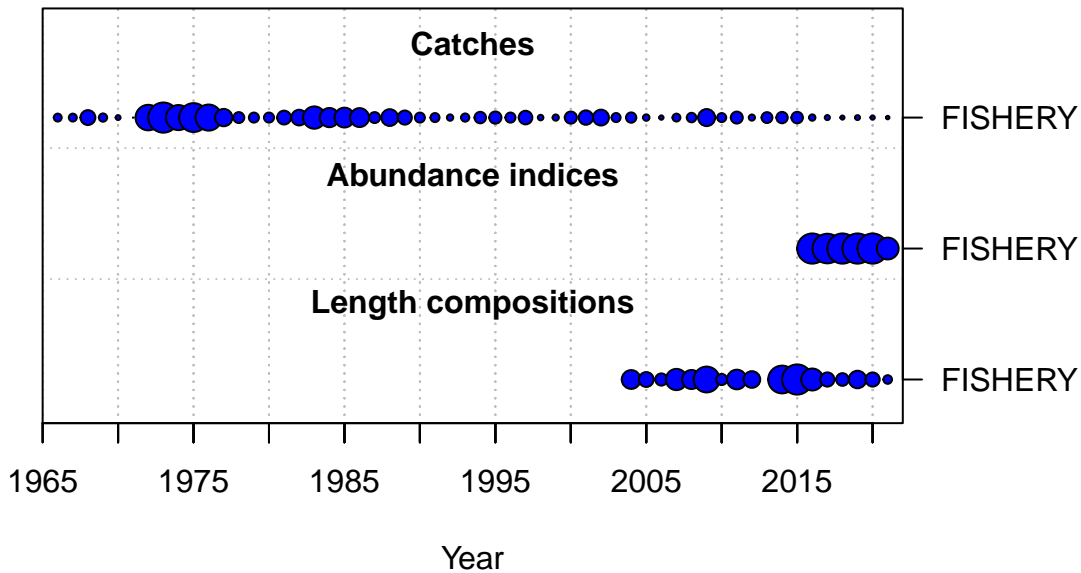








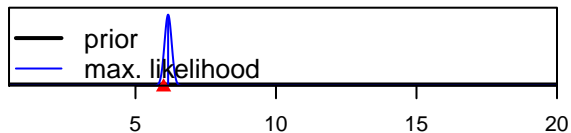




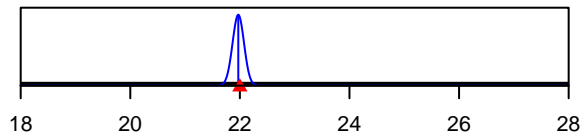


Density

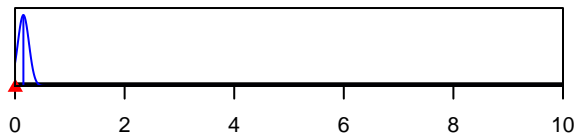
SR\_LN(R0)



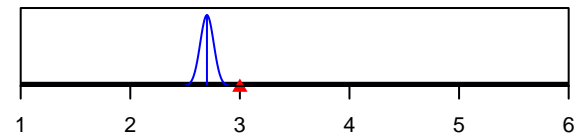
Size\_inflection\_FISHERY(1)



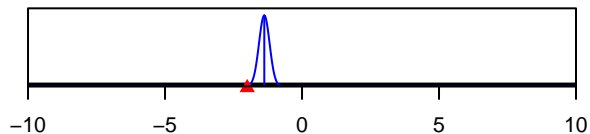
InitF\_seas\_1\_flt\_1FISHERY



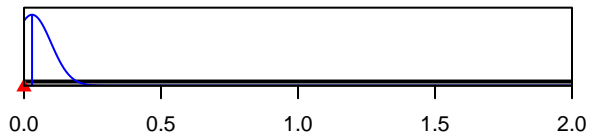
Size\_95%width\_FISHERY(1)



LnQ\_base\_FISHERY(1)



Q\_extraSD\_FISHERY(1)



Parameter value