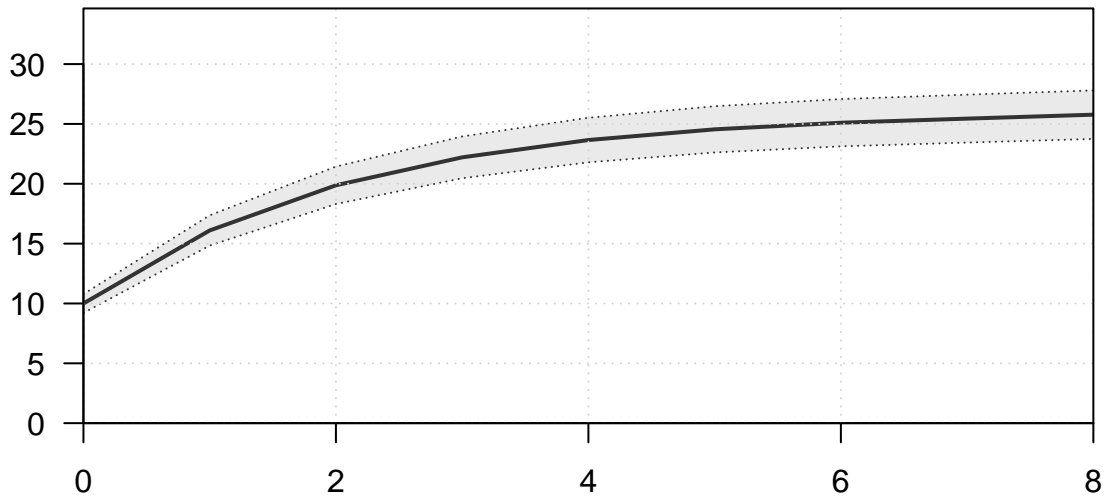
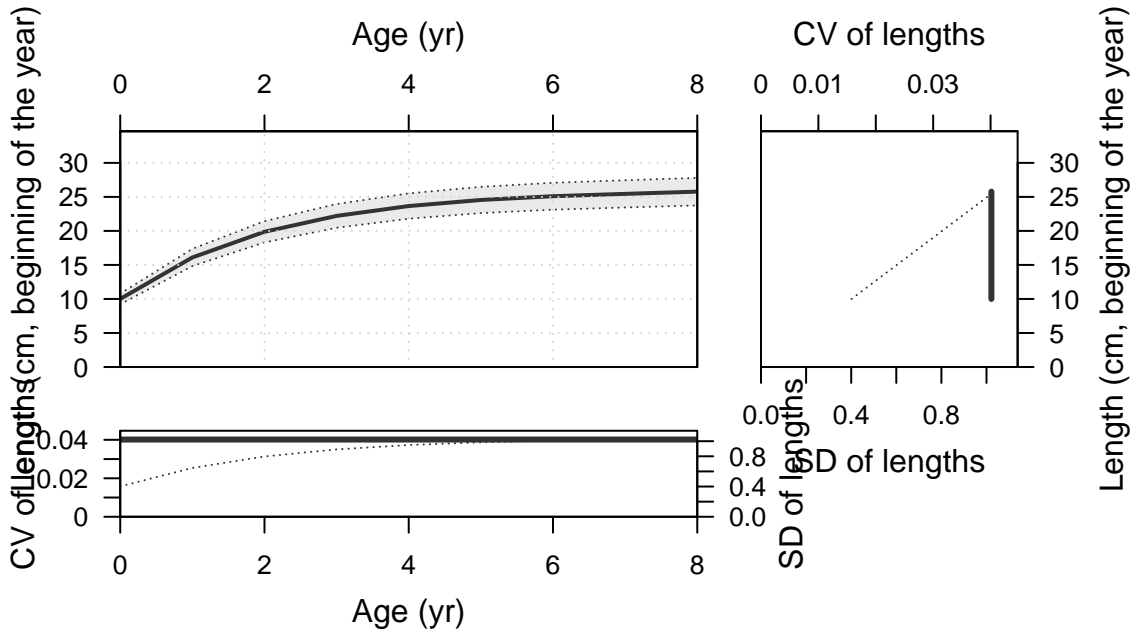


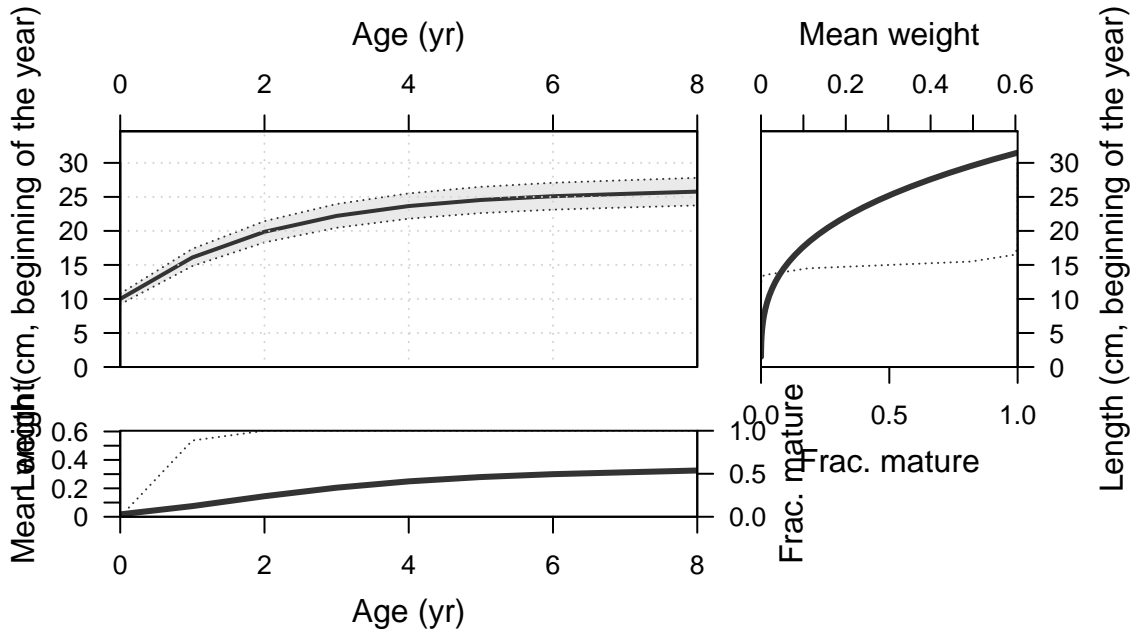
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Wed Sep 21 14:08:40 2022  
Data\_File: data.ss  
Control\_File: control.ss

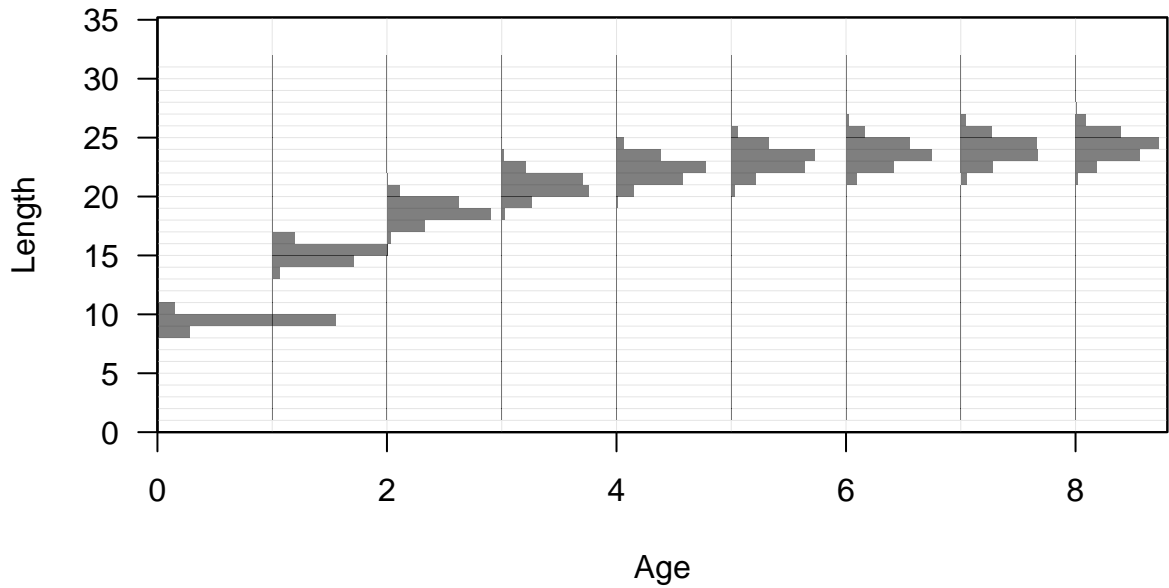
Length (cm, beginning of the year)

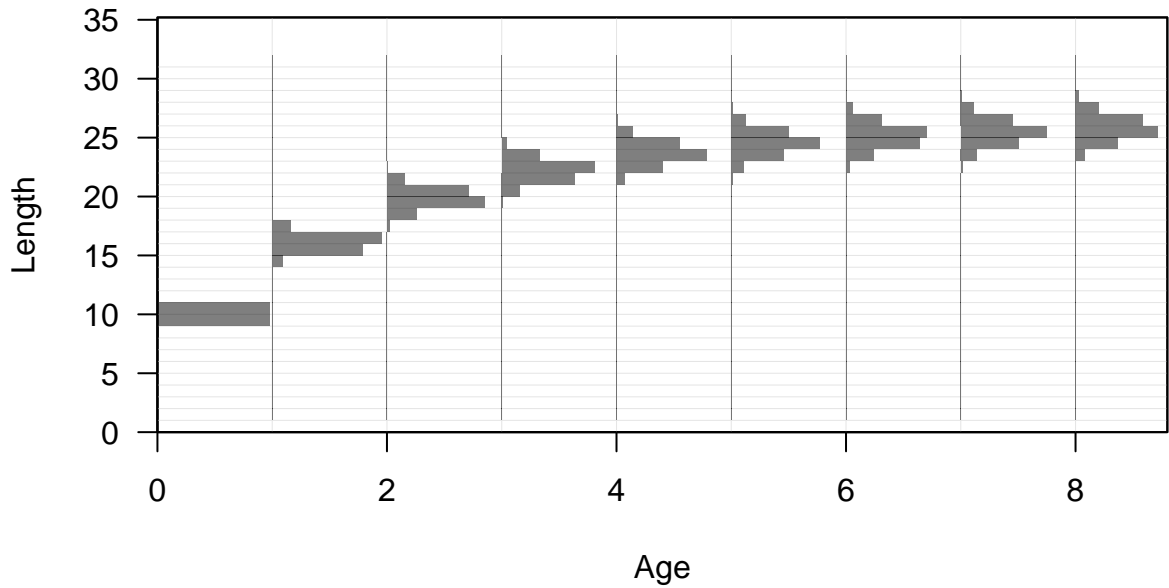


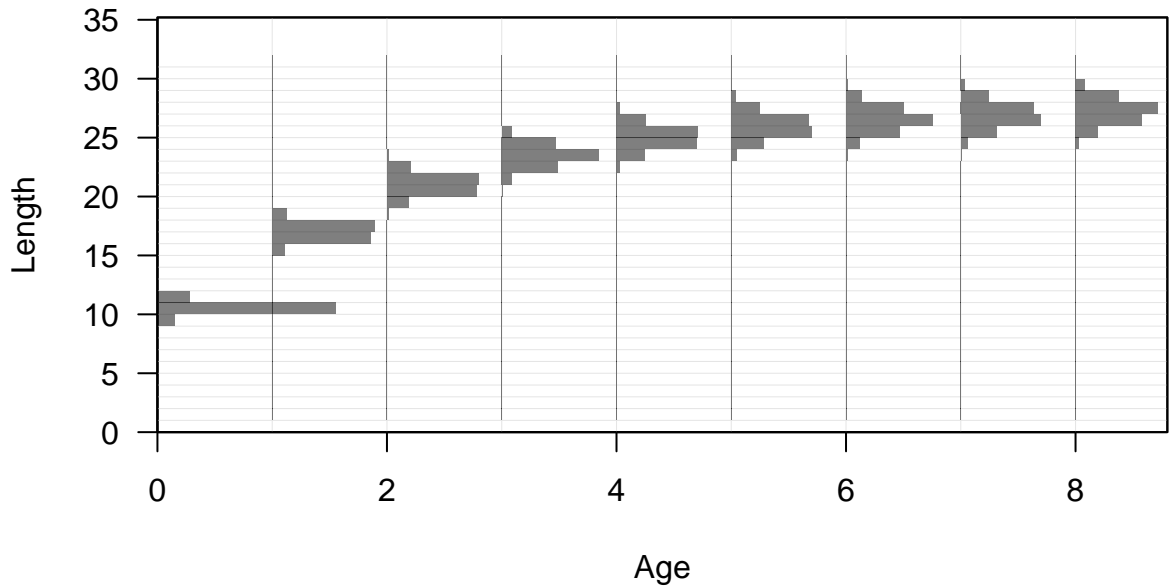
Age (yr)

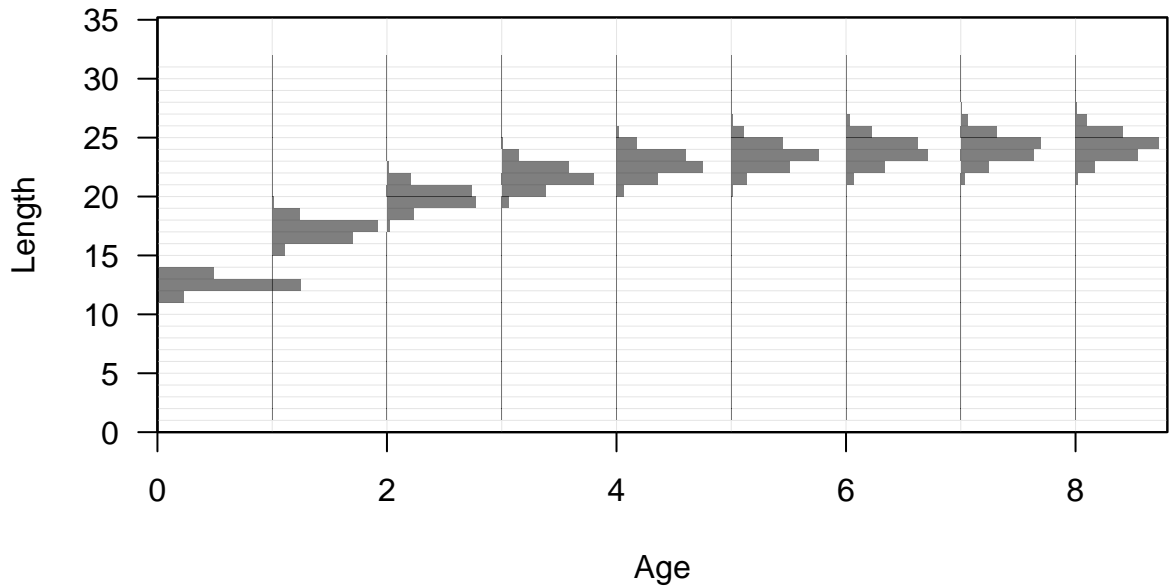




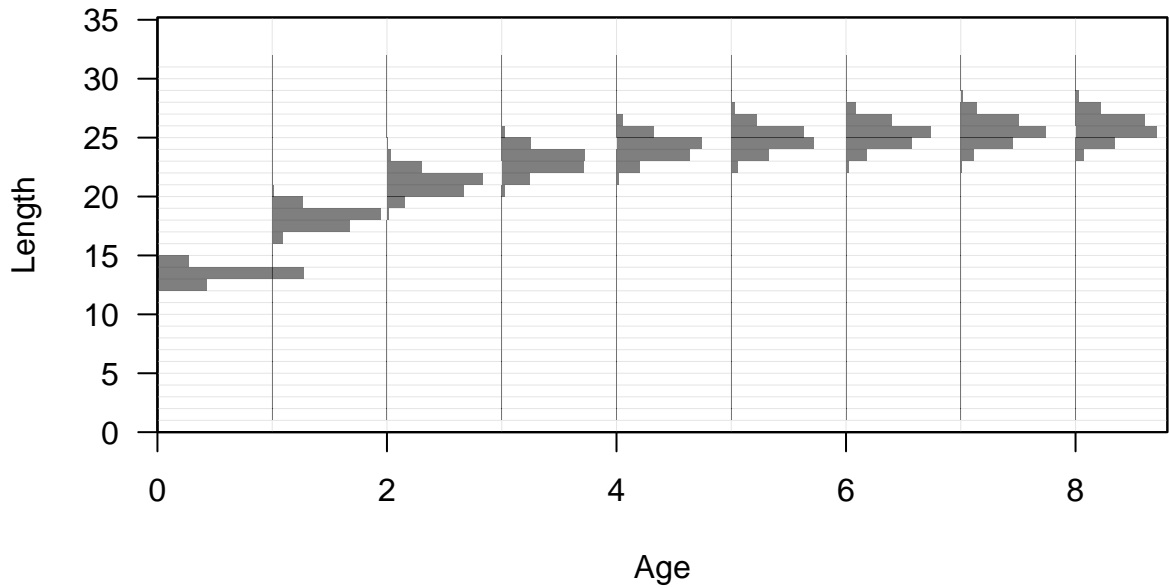


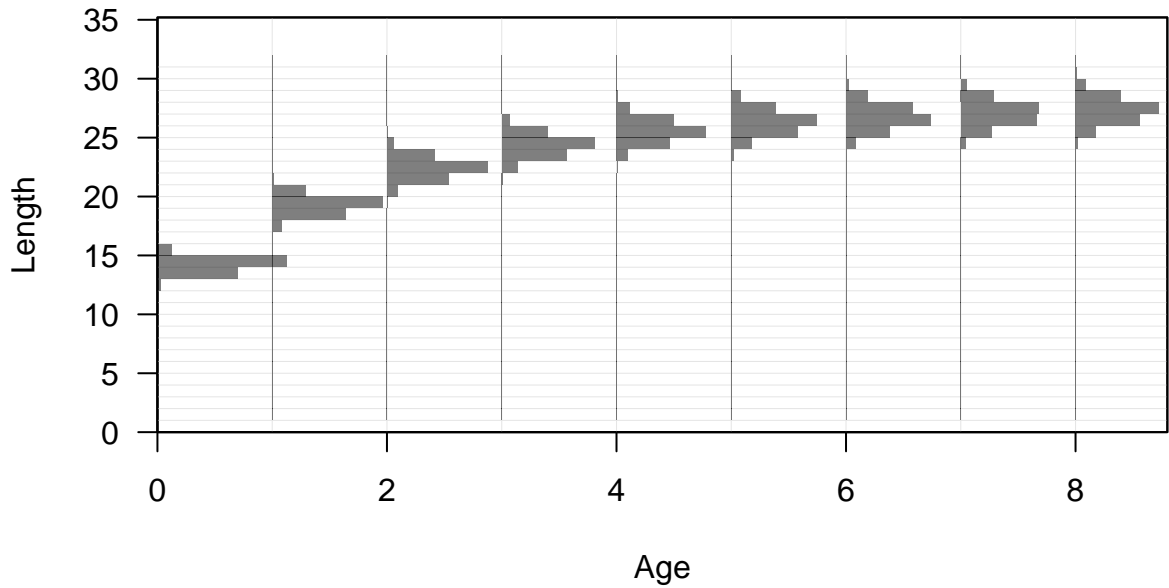


















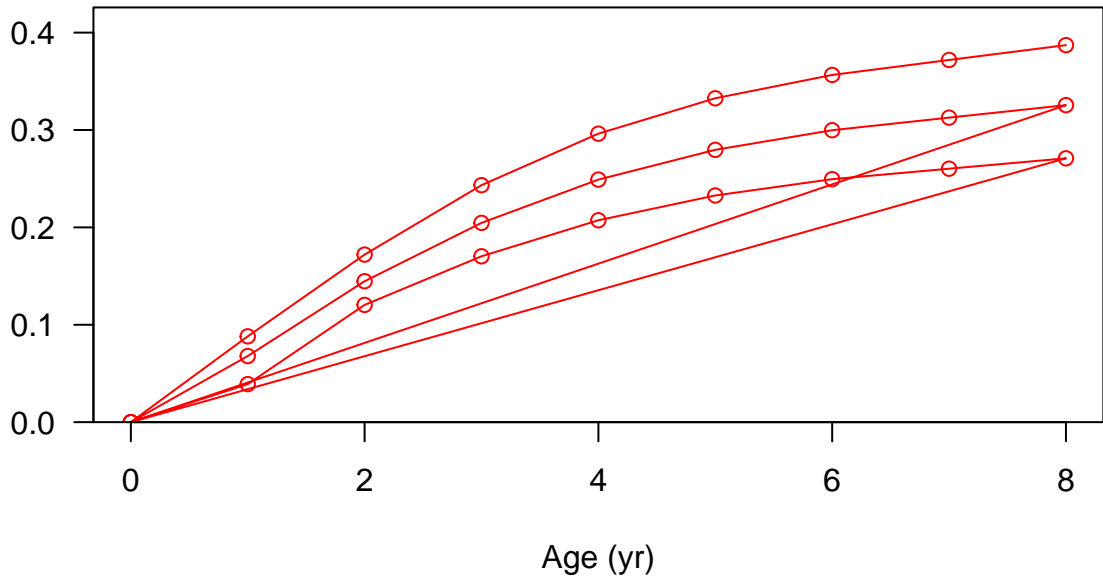




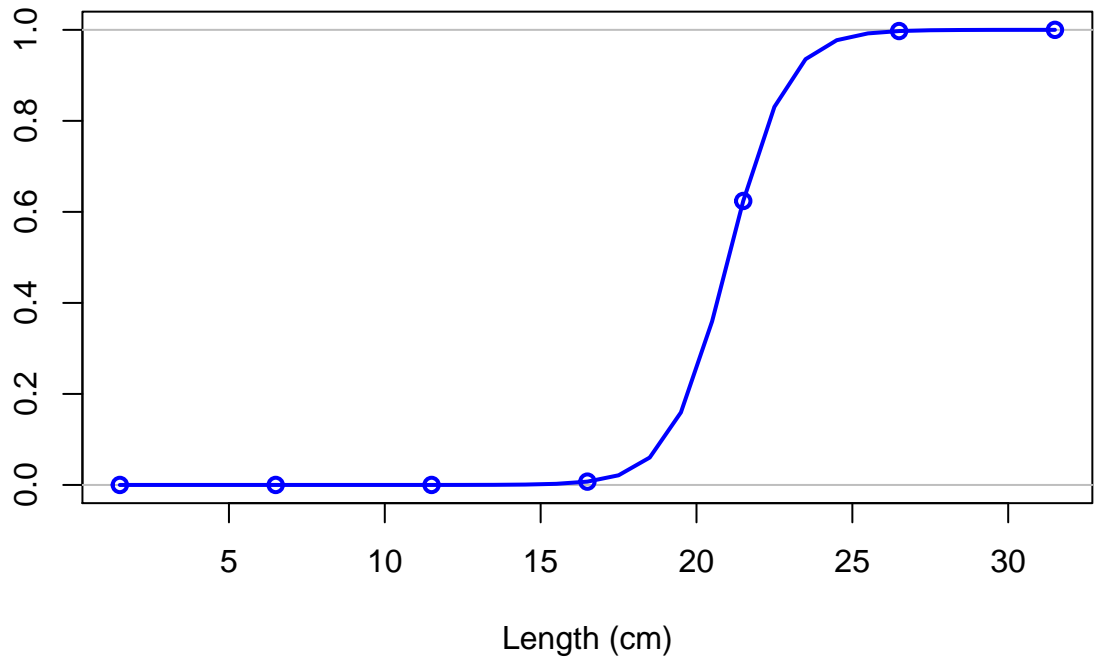




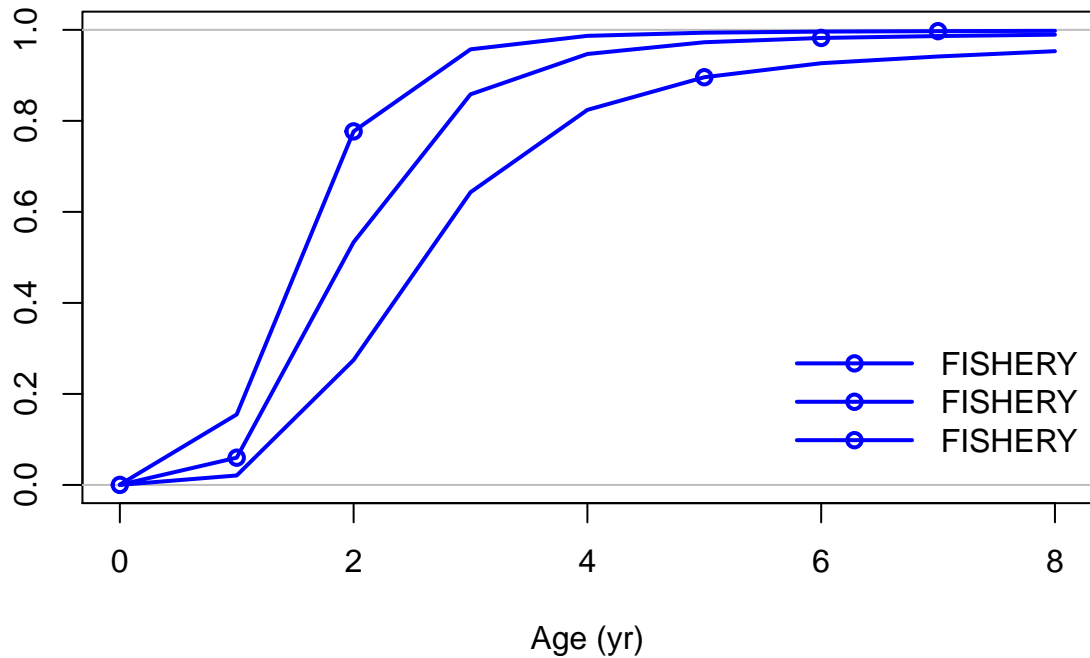
Spawning output



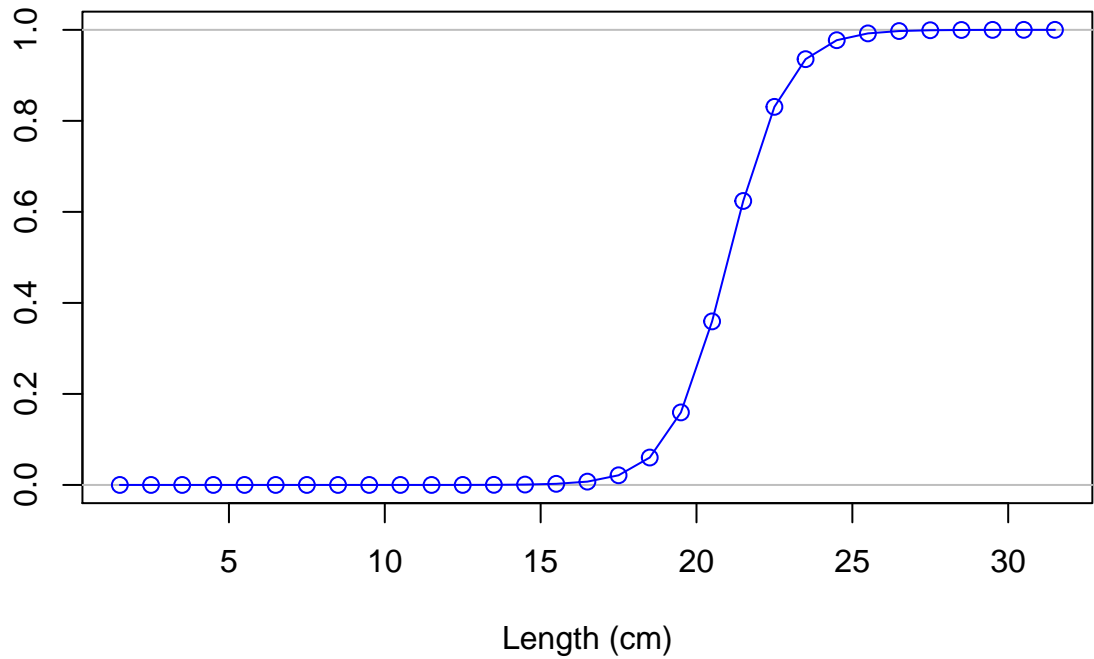
Selectivity

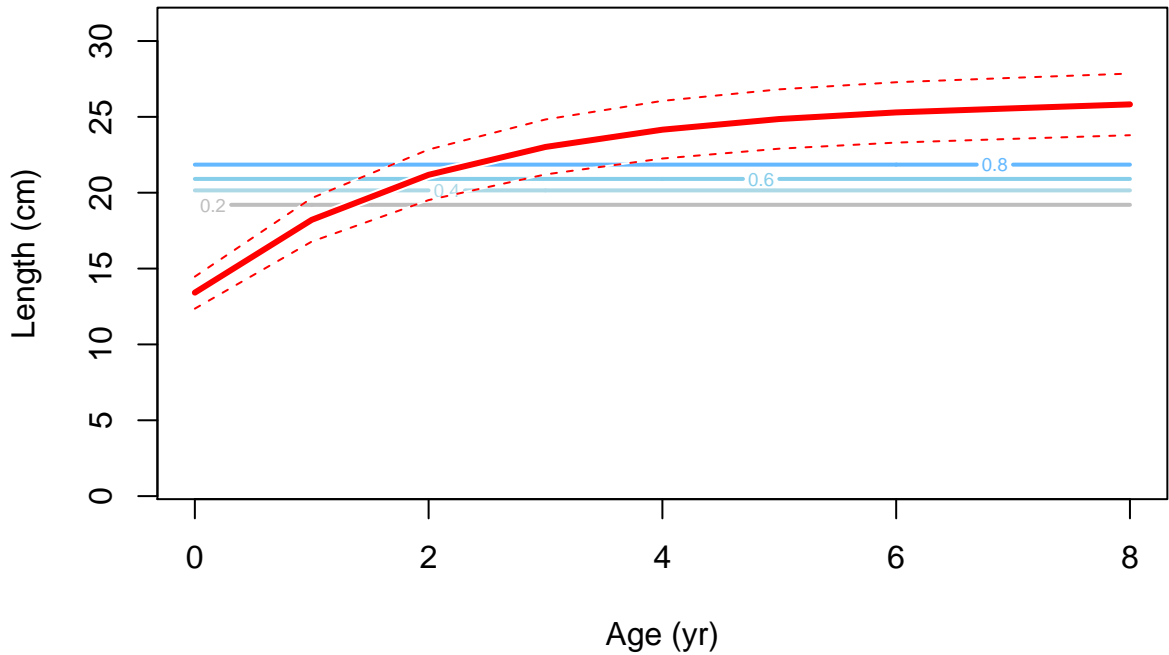


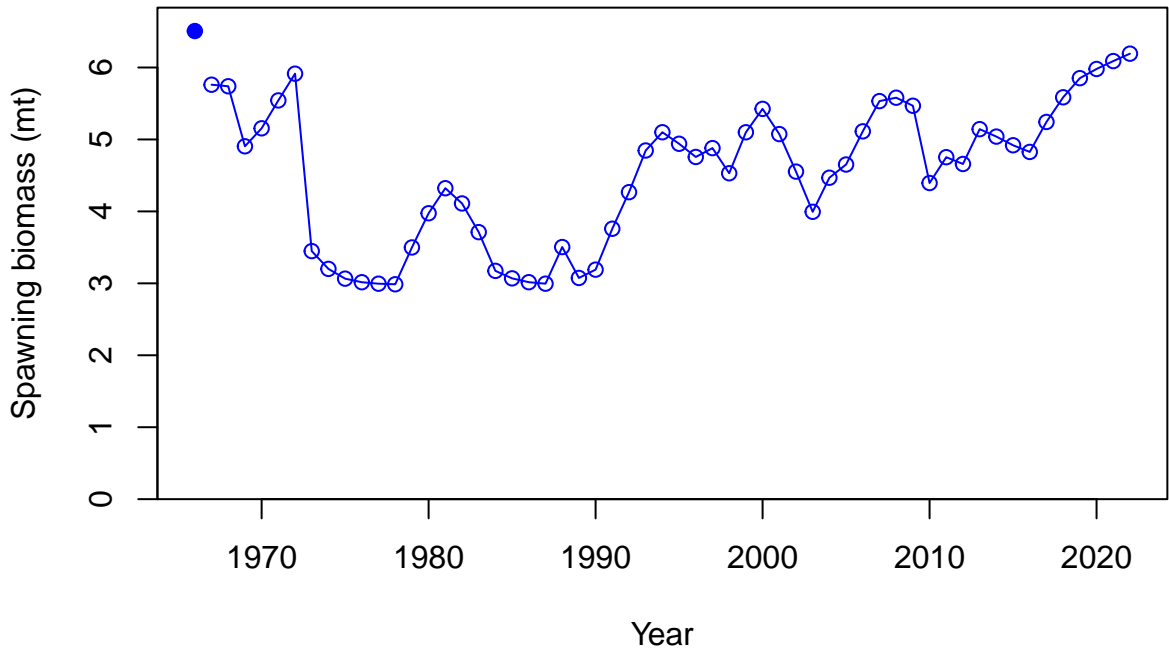
Selectivity



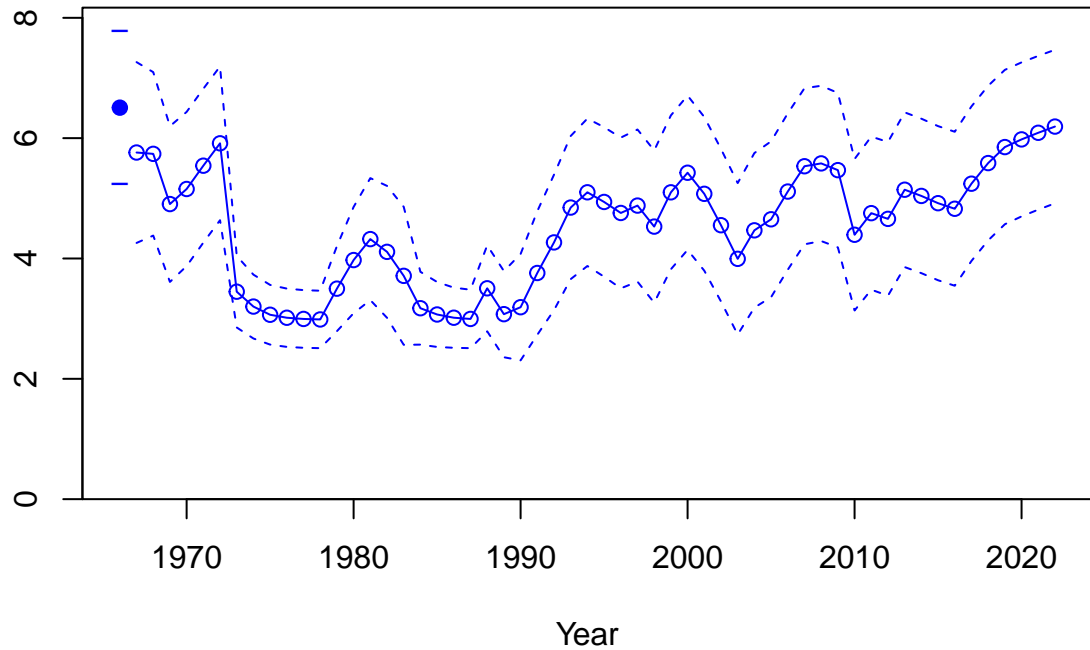
Selectivity



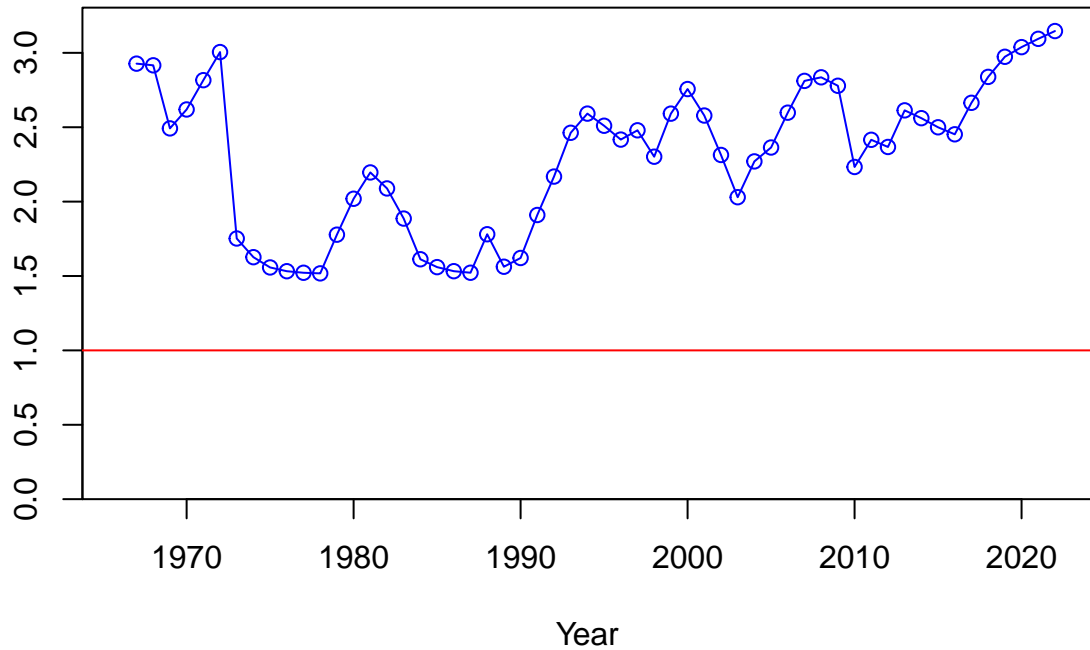




Spawning biomass (mt)

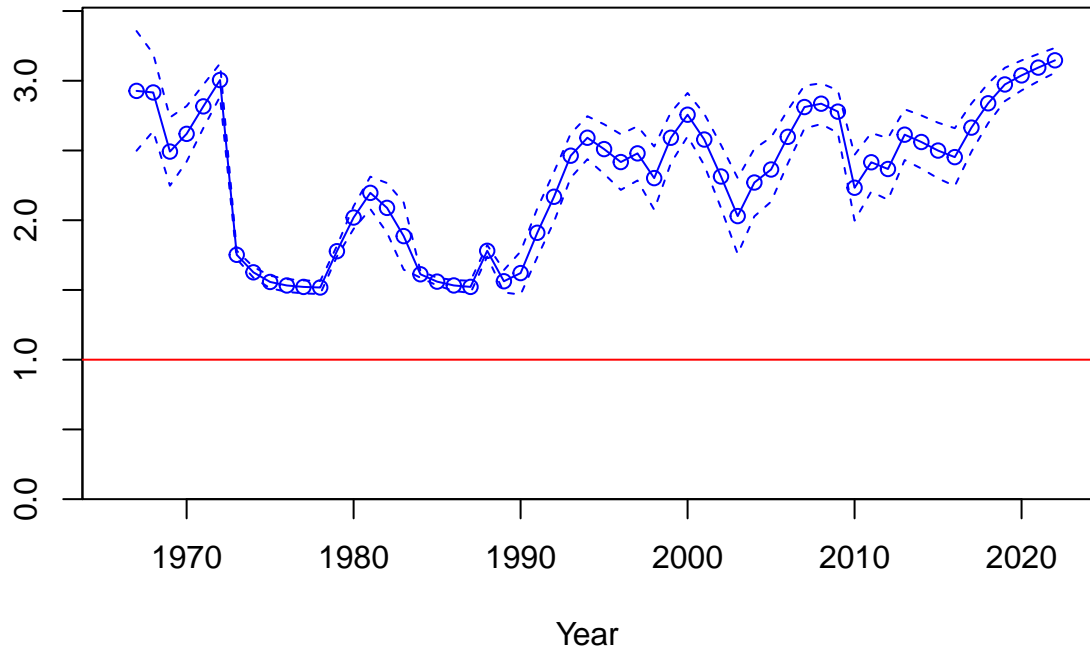


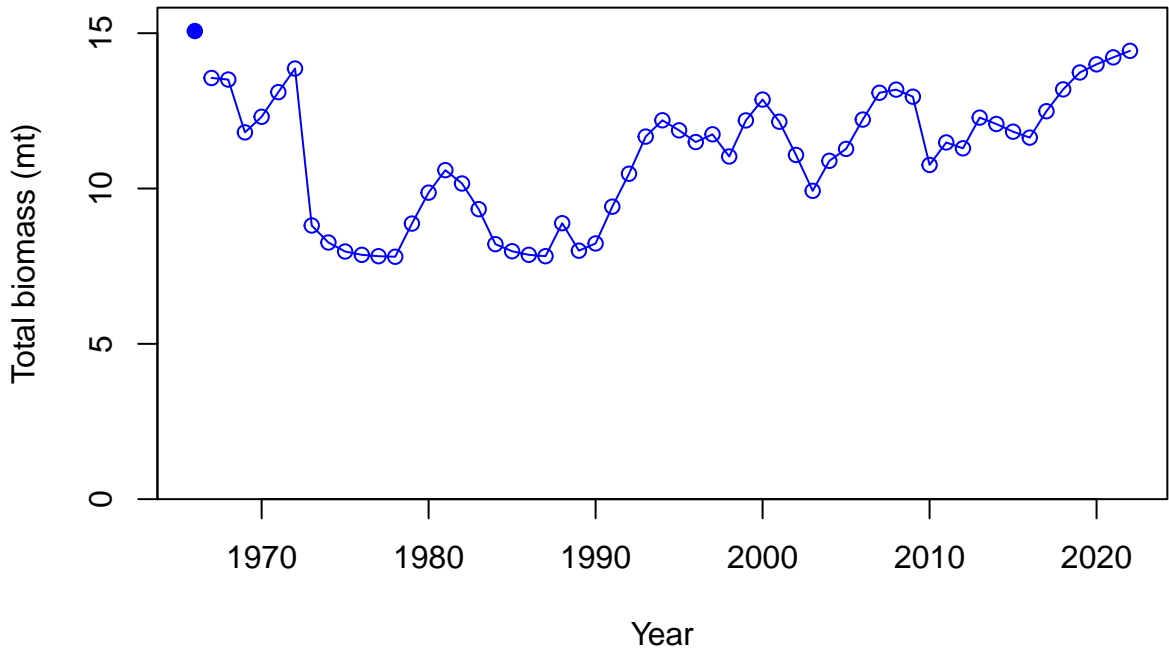
Relative spawning biomass:  $B/B_{MSY}$

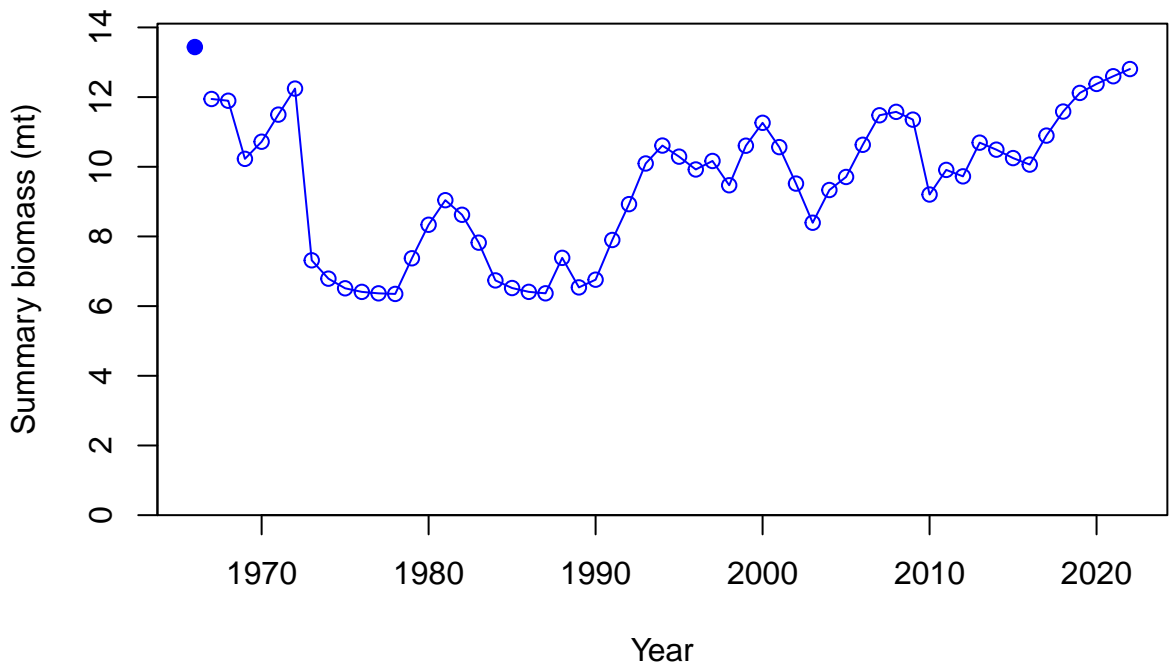


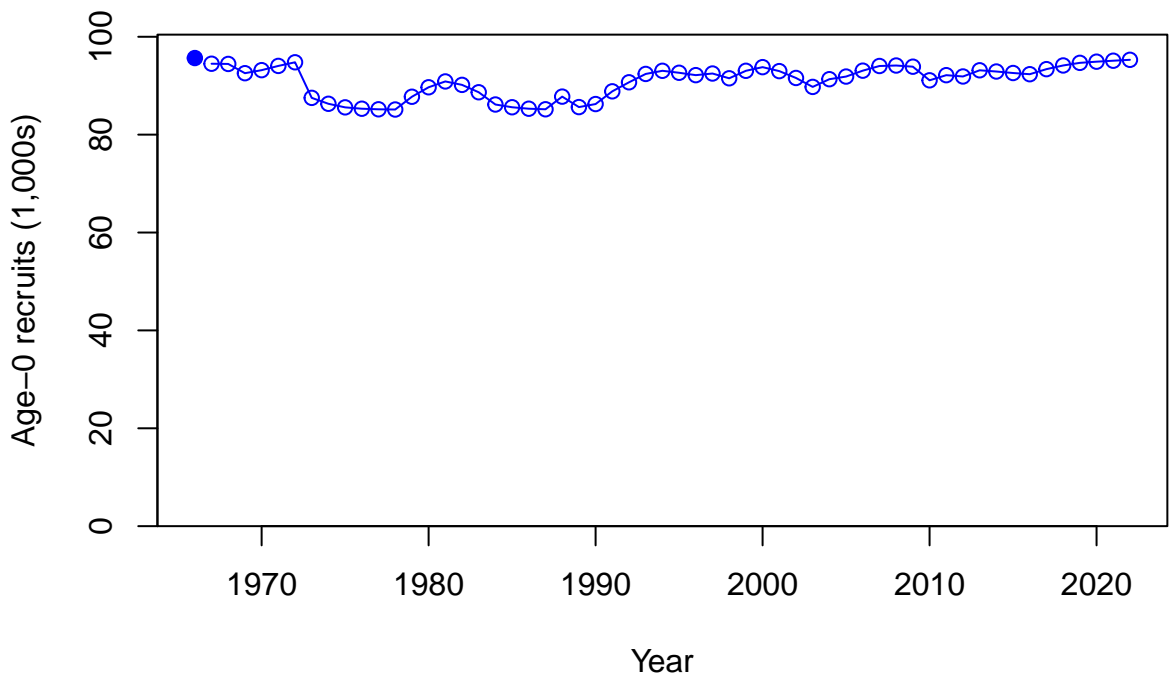


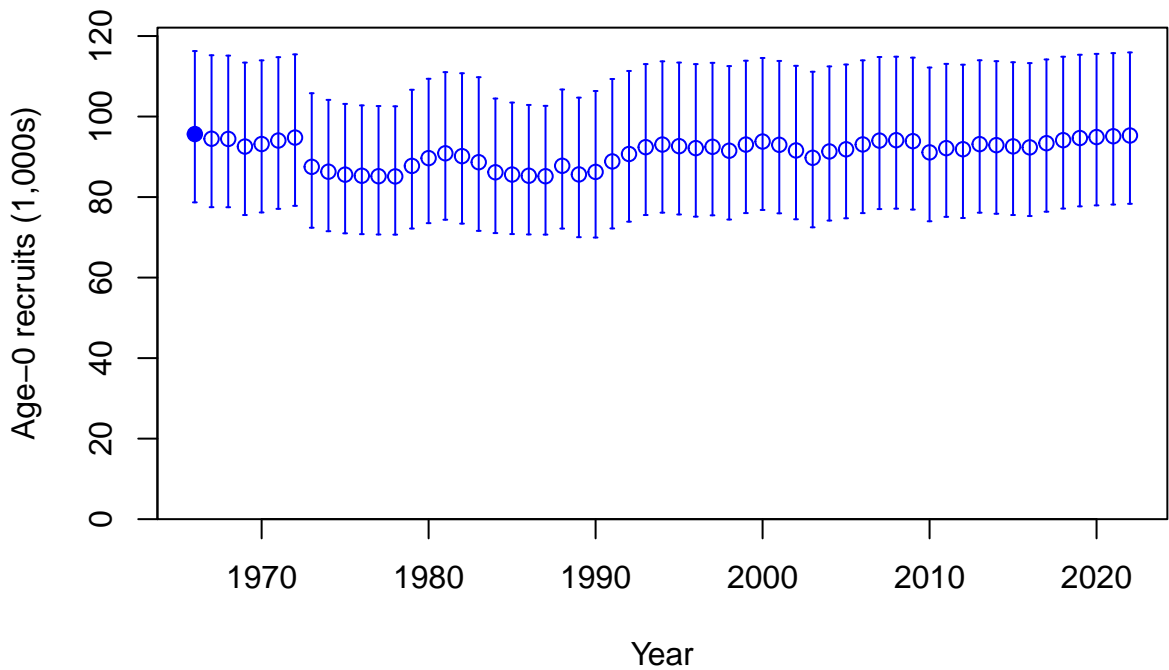
Relative spawning biomass:  $B/B_{MSY}$



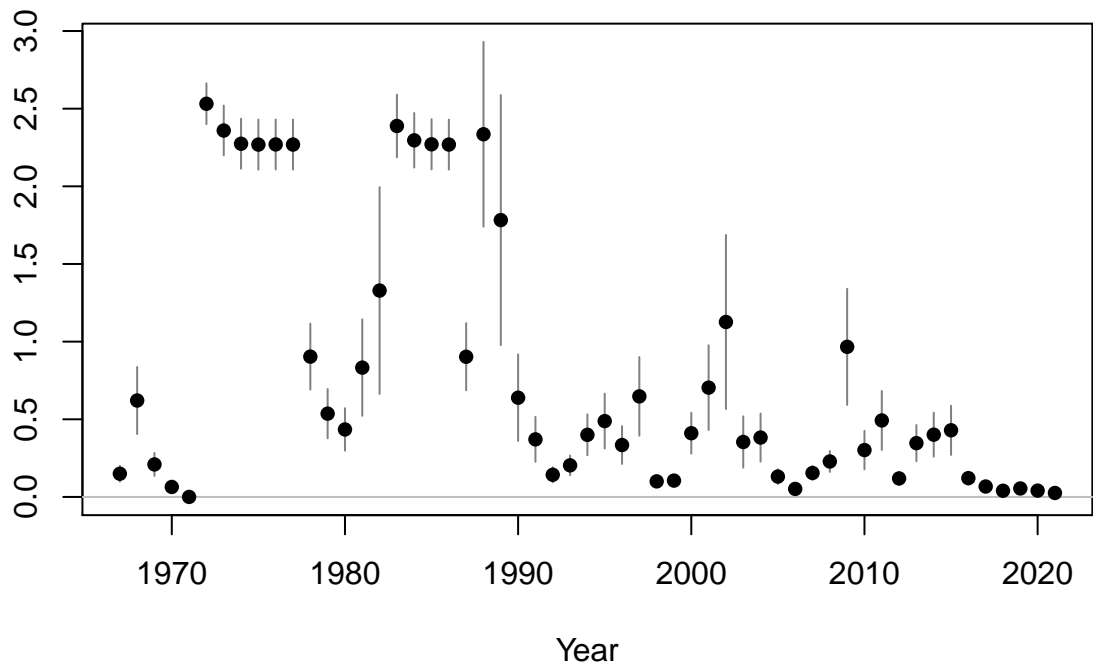


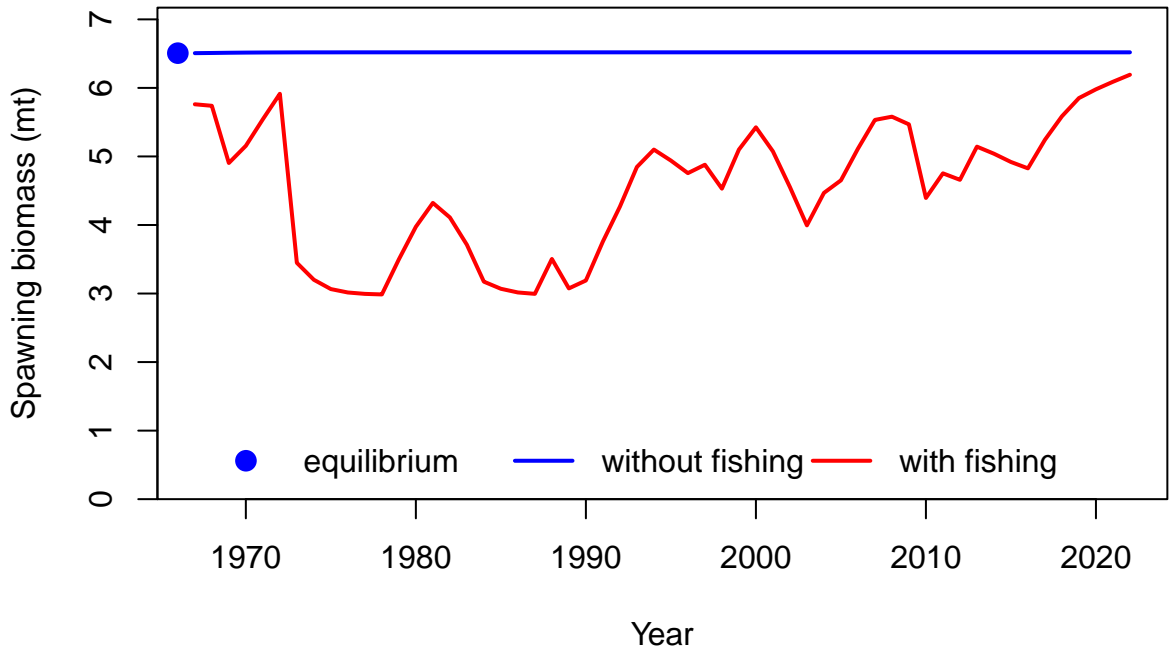


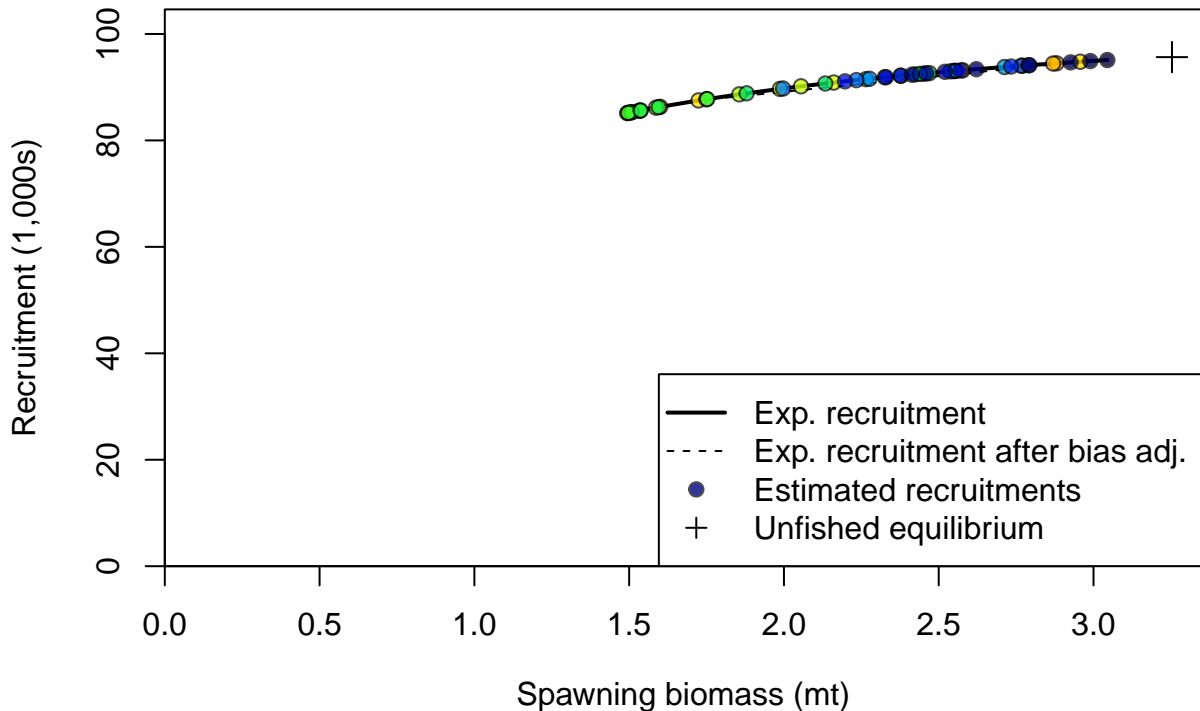




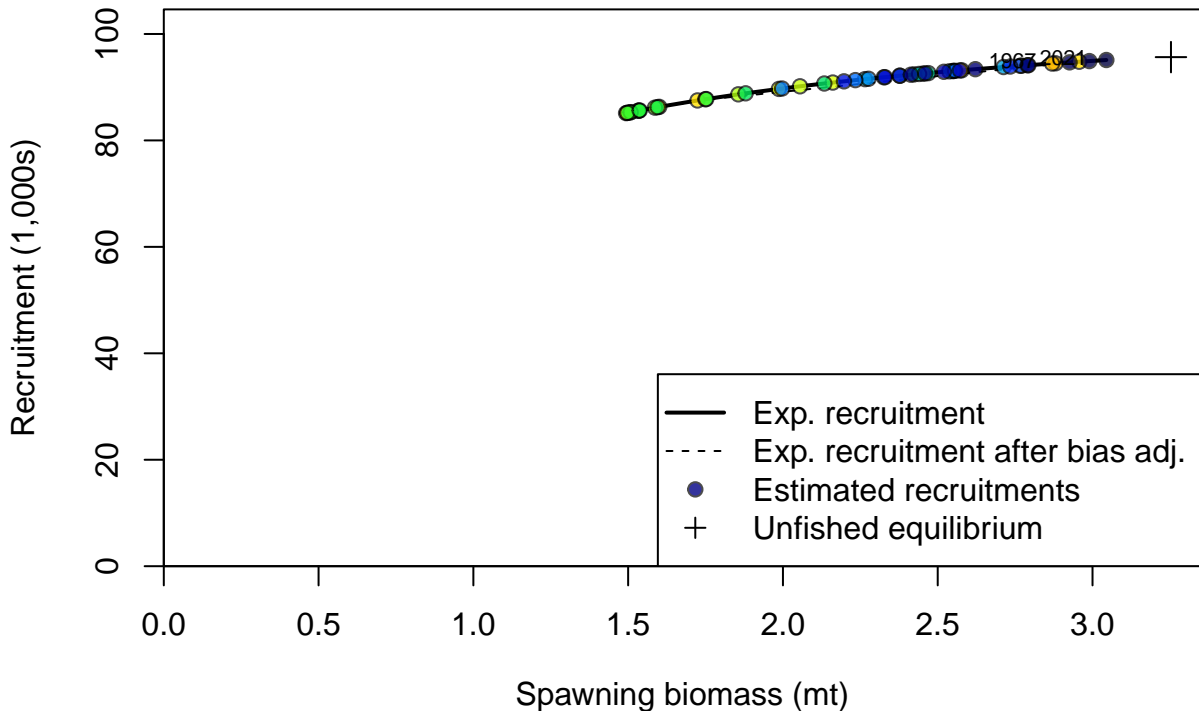
Summary Fishing Mortality

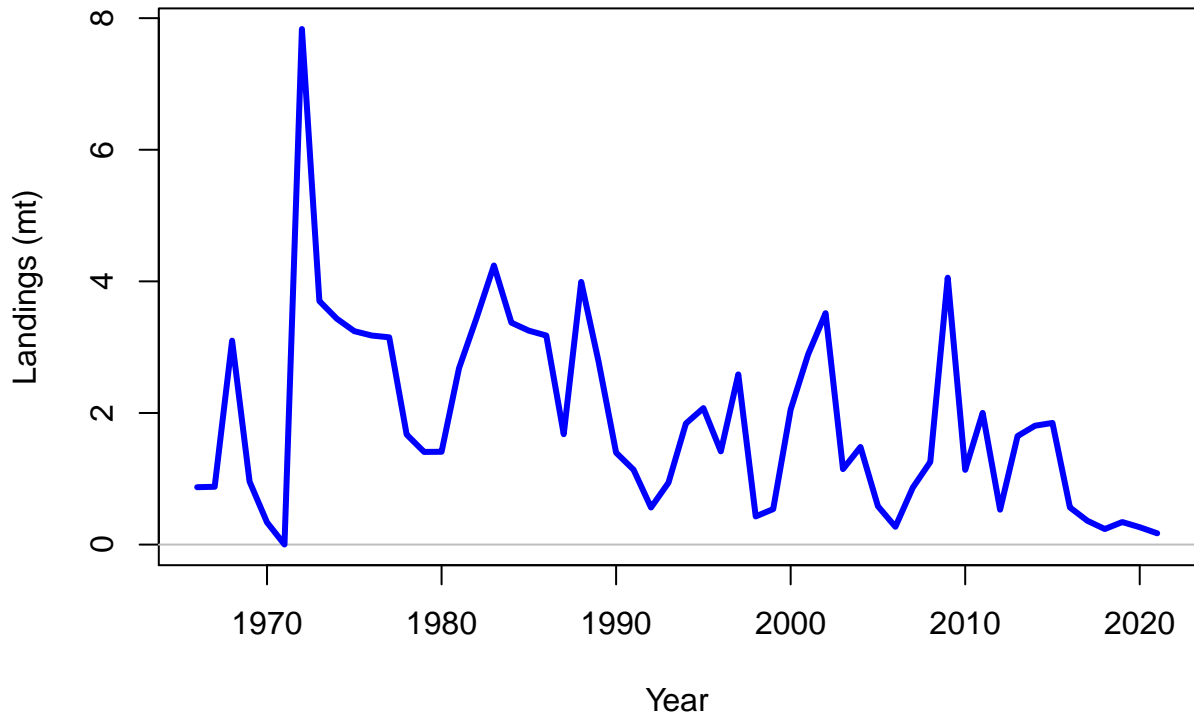


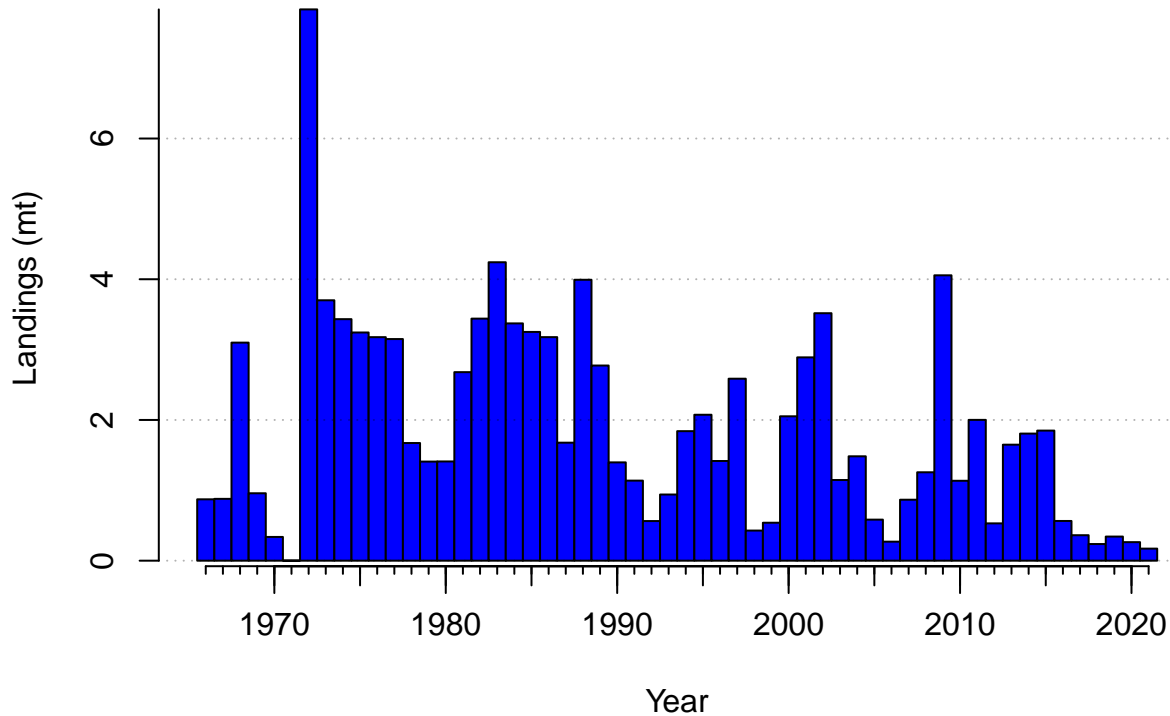




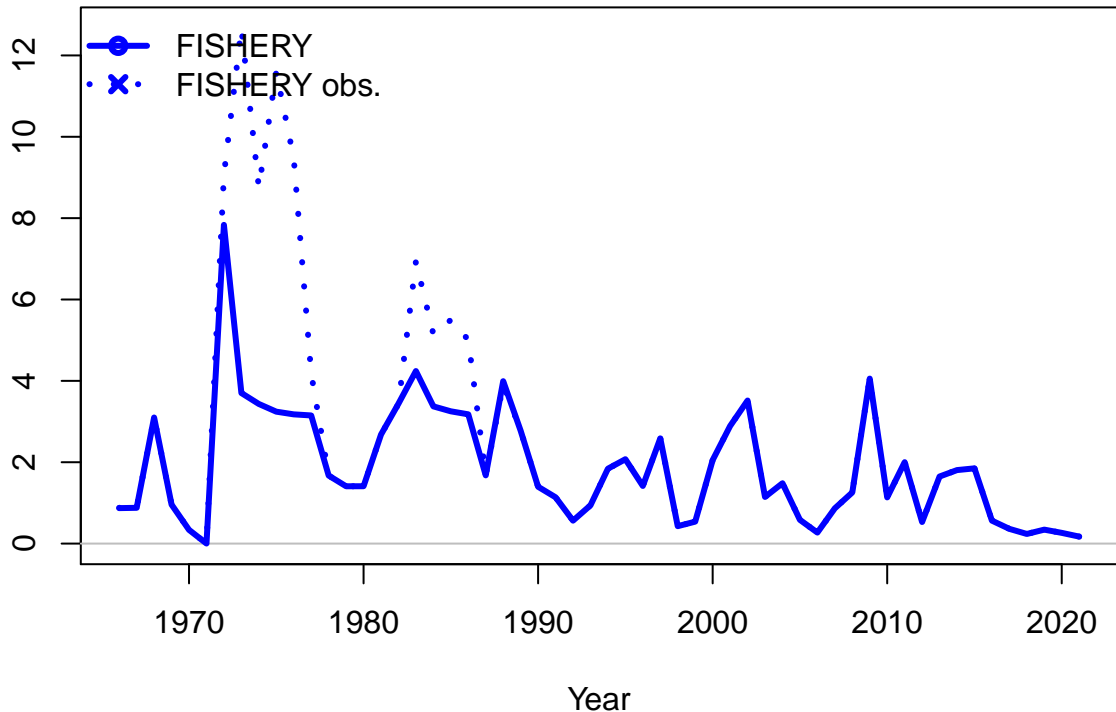


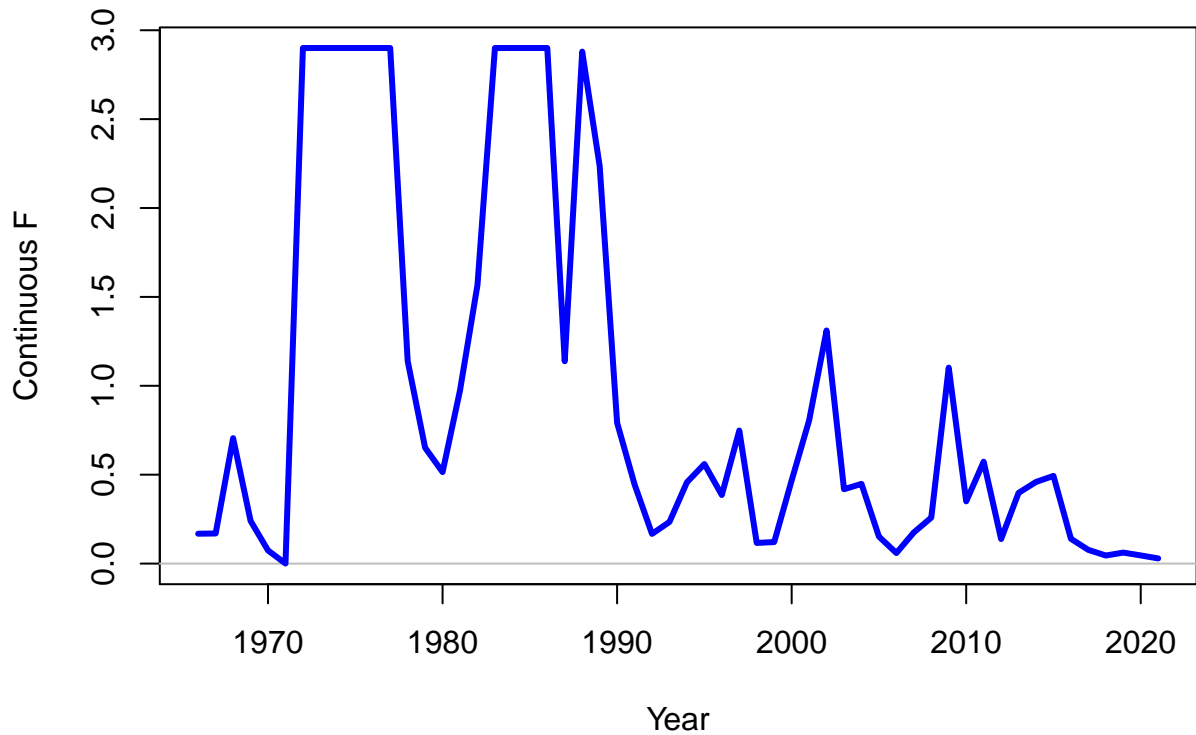




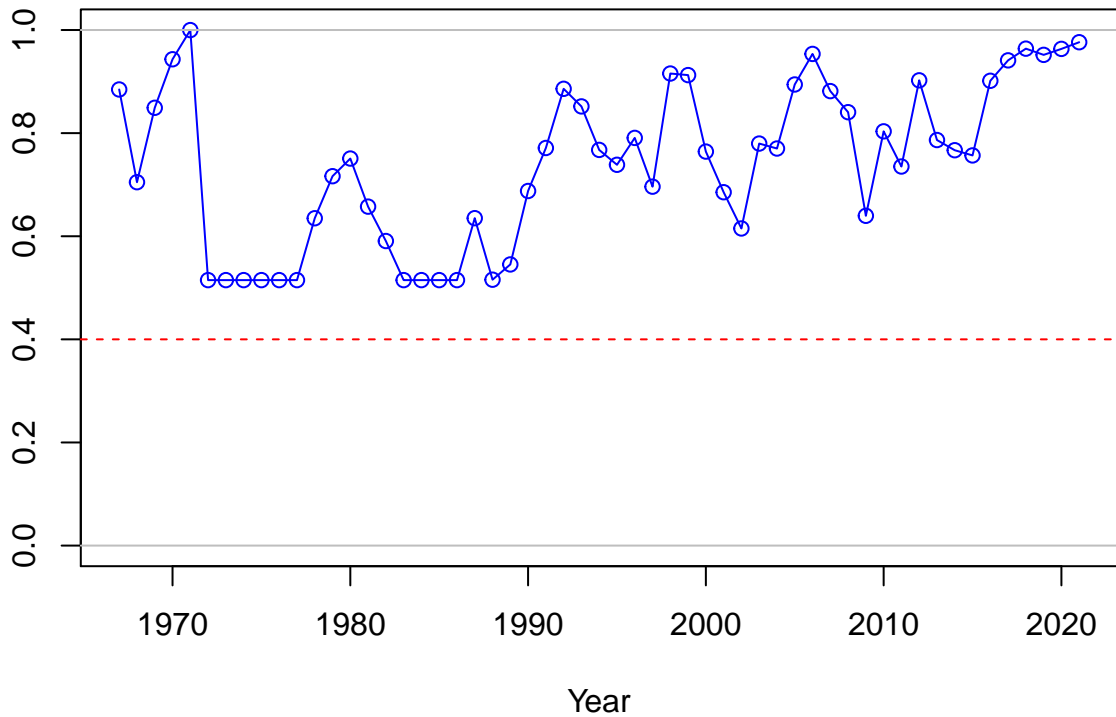


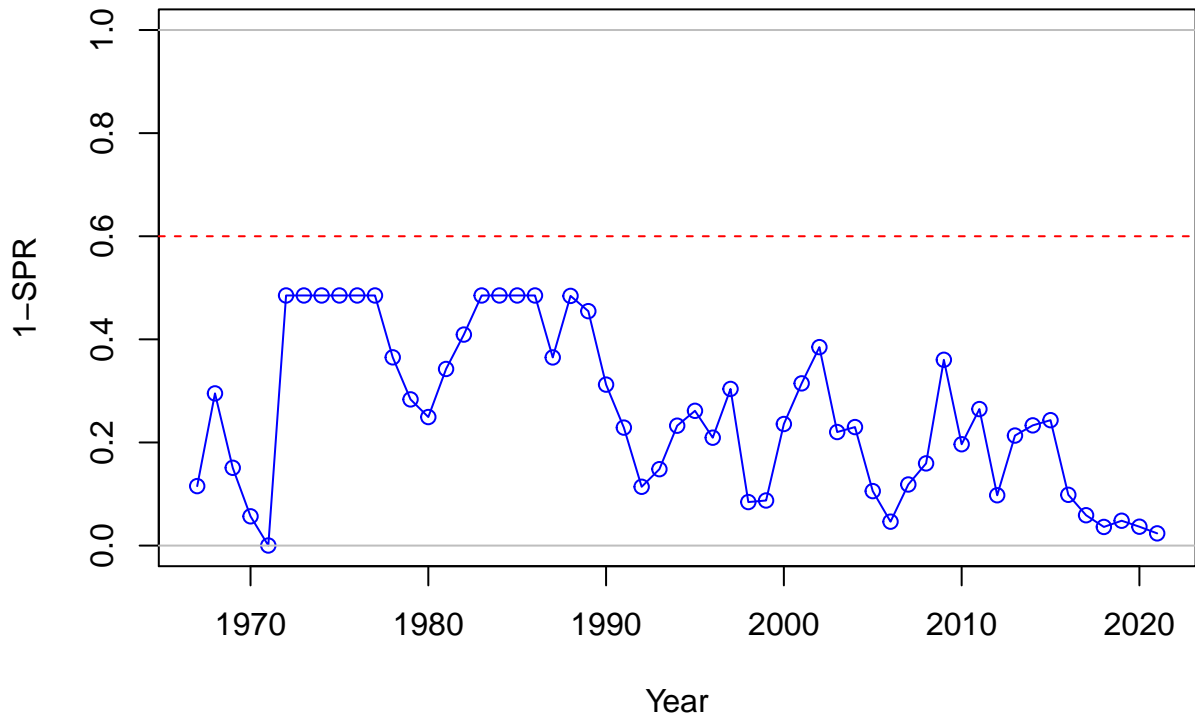
Observed and expected Landings (mt)



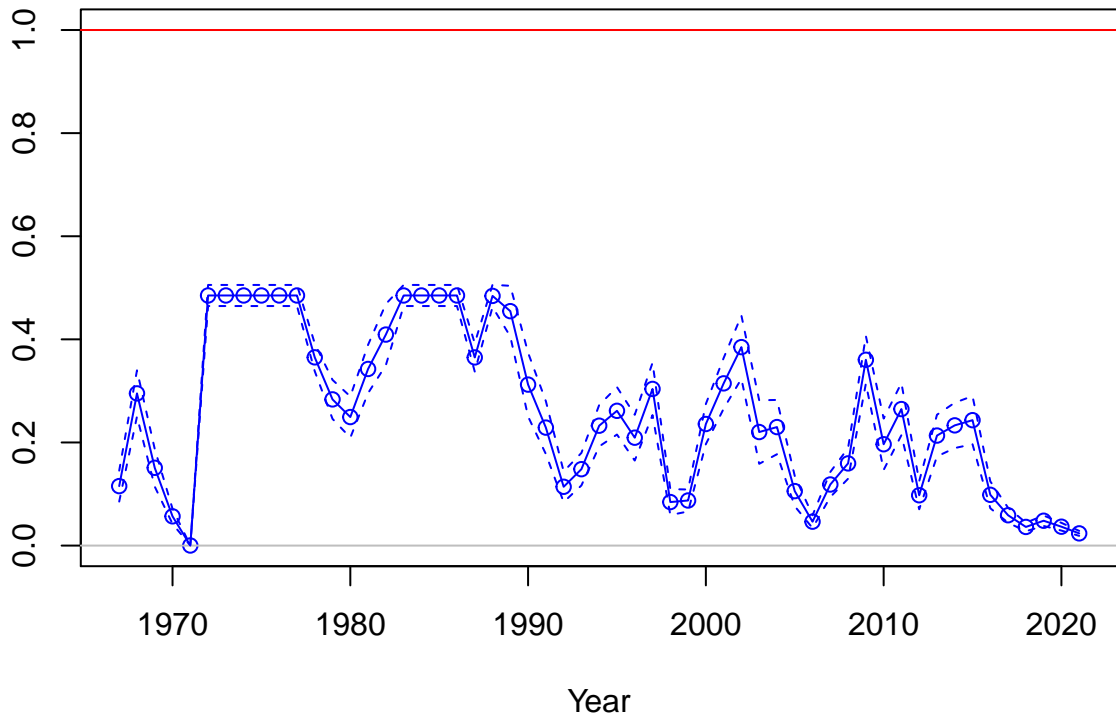


SPR



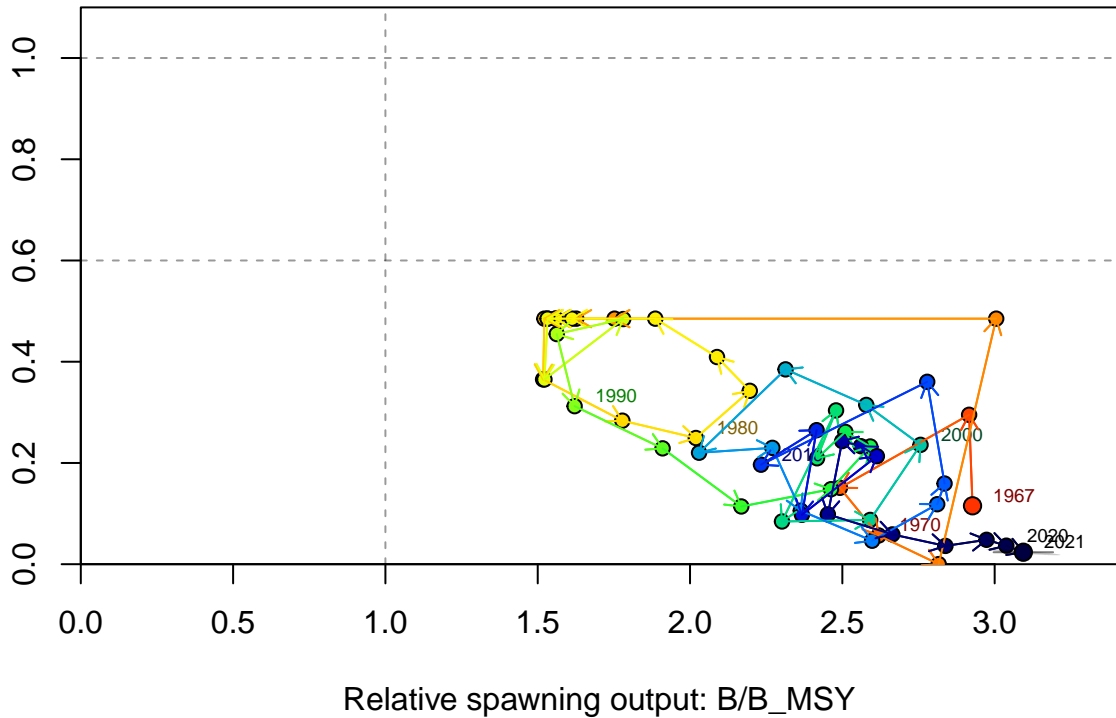


Fishing intensity: 1-SPR

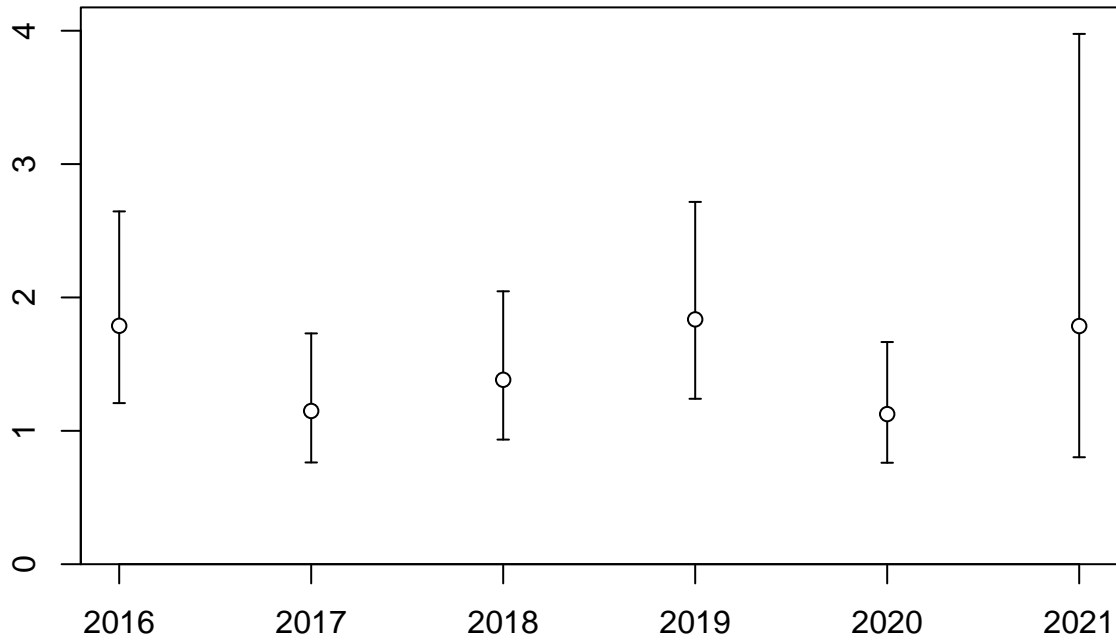




Fishing intensity: 1-SPR

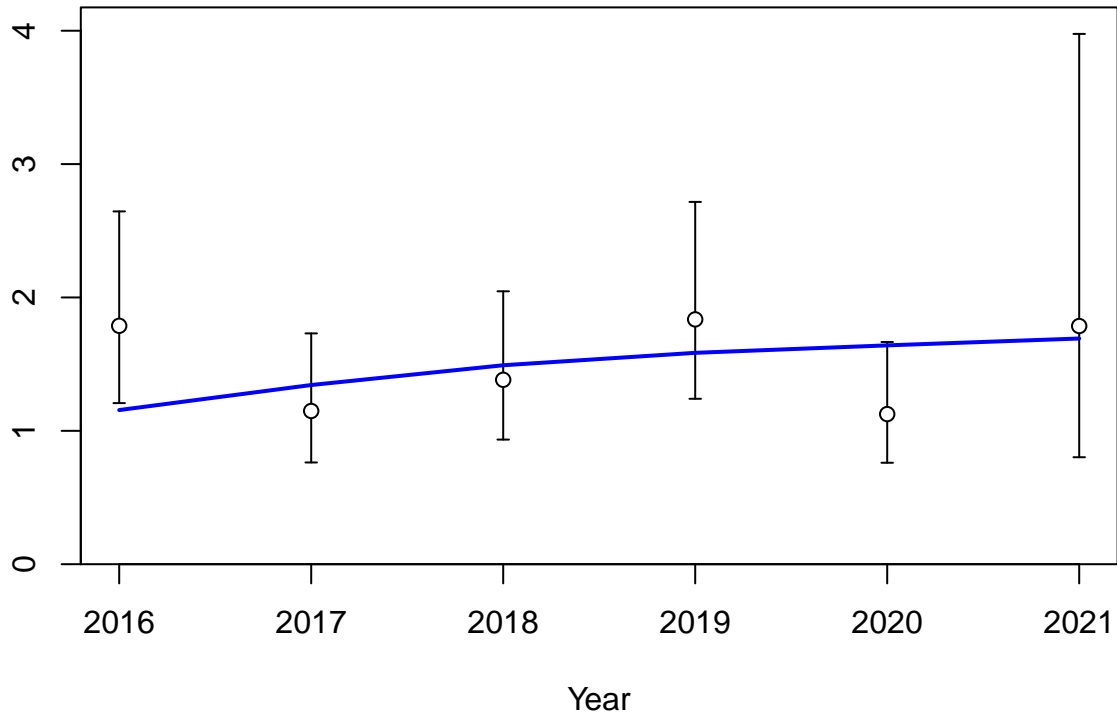


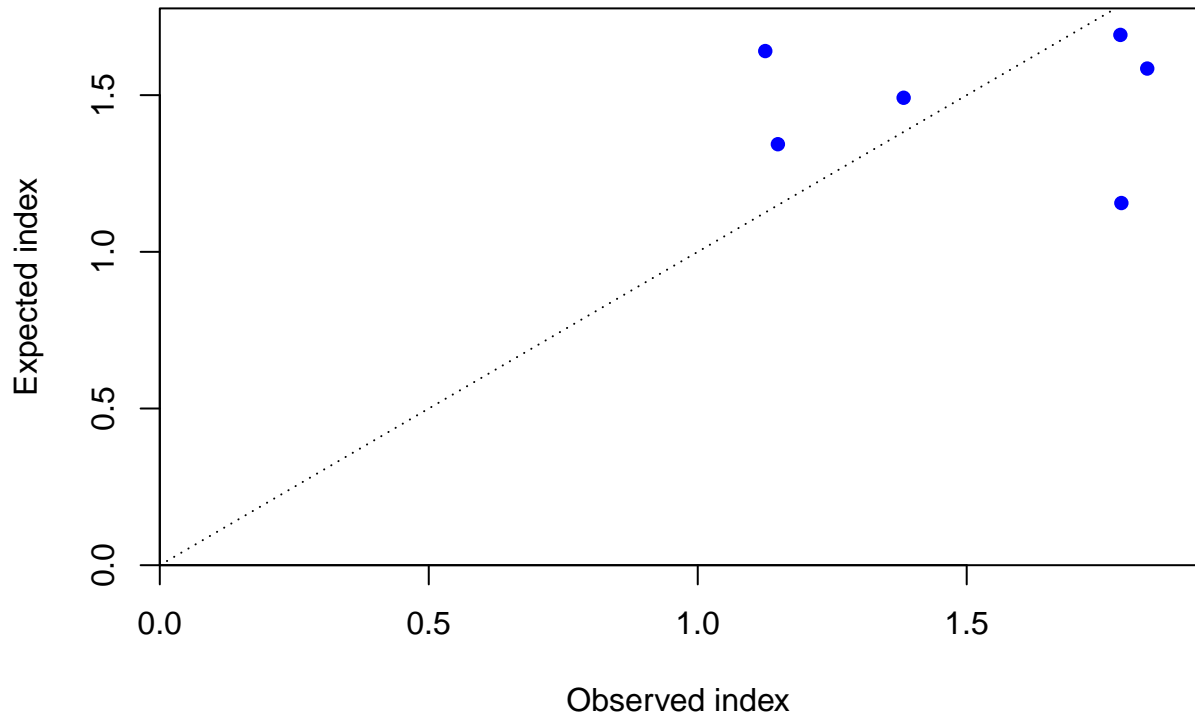
Index



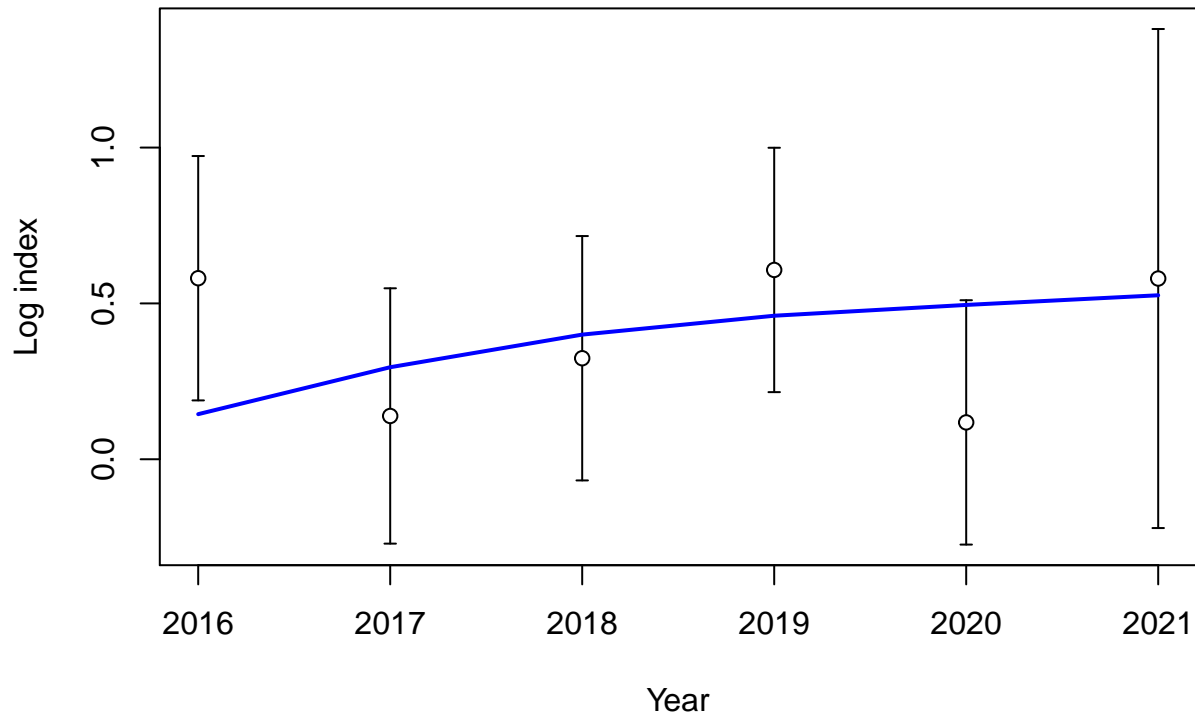
Year

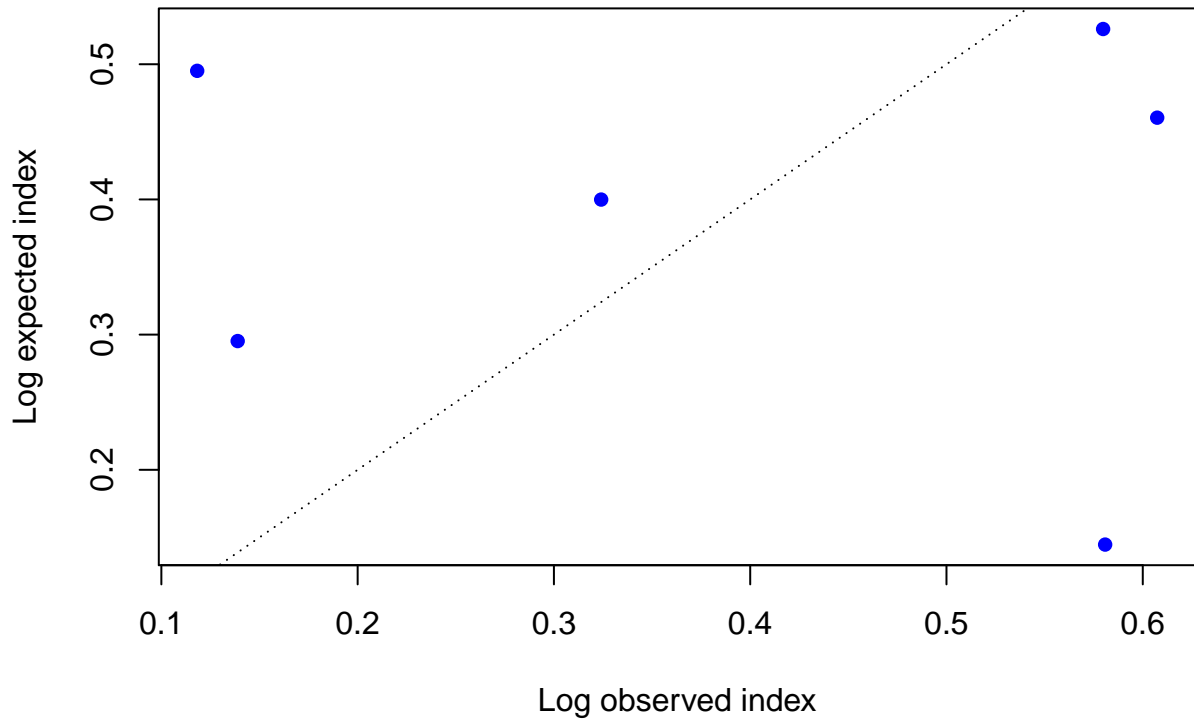
Index



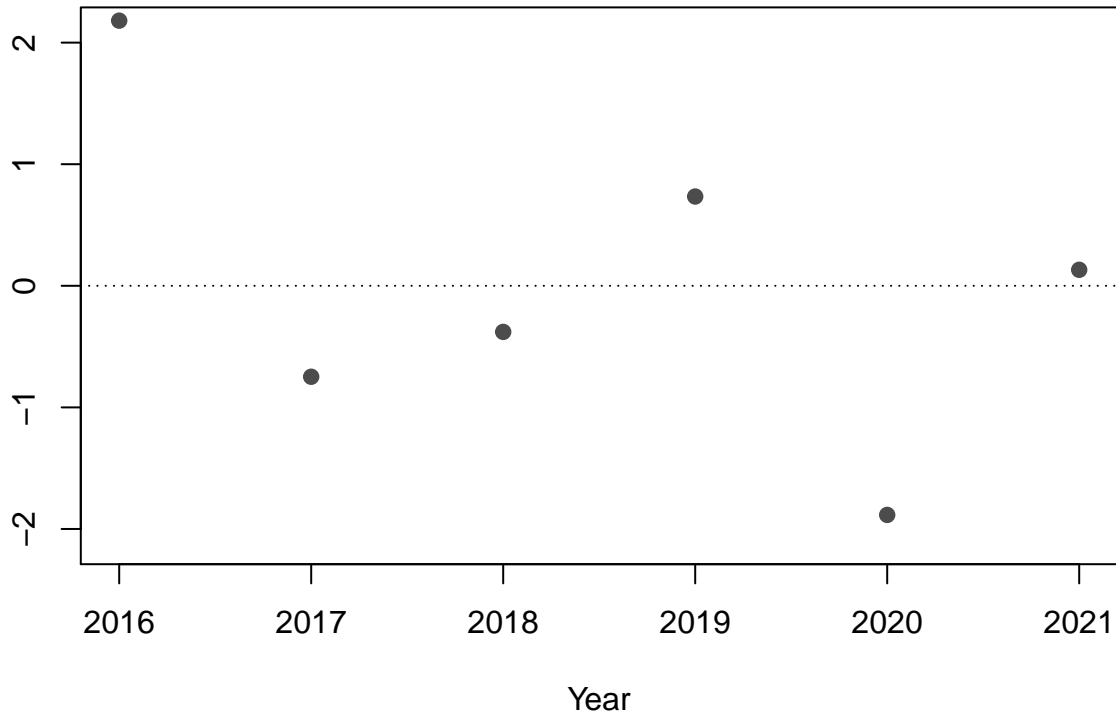






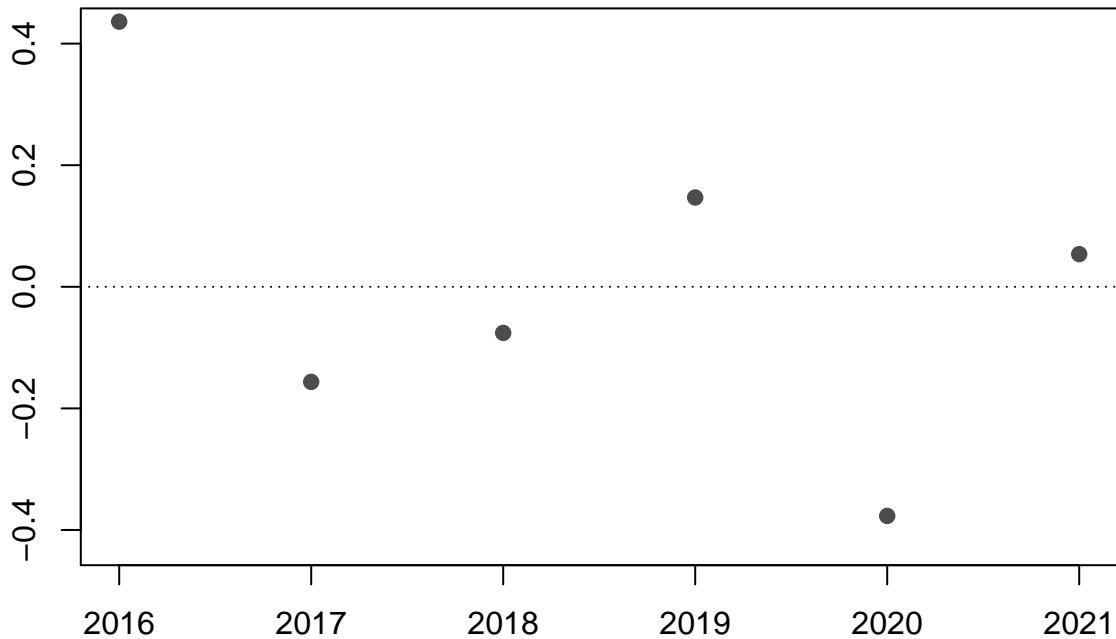


Residual

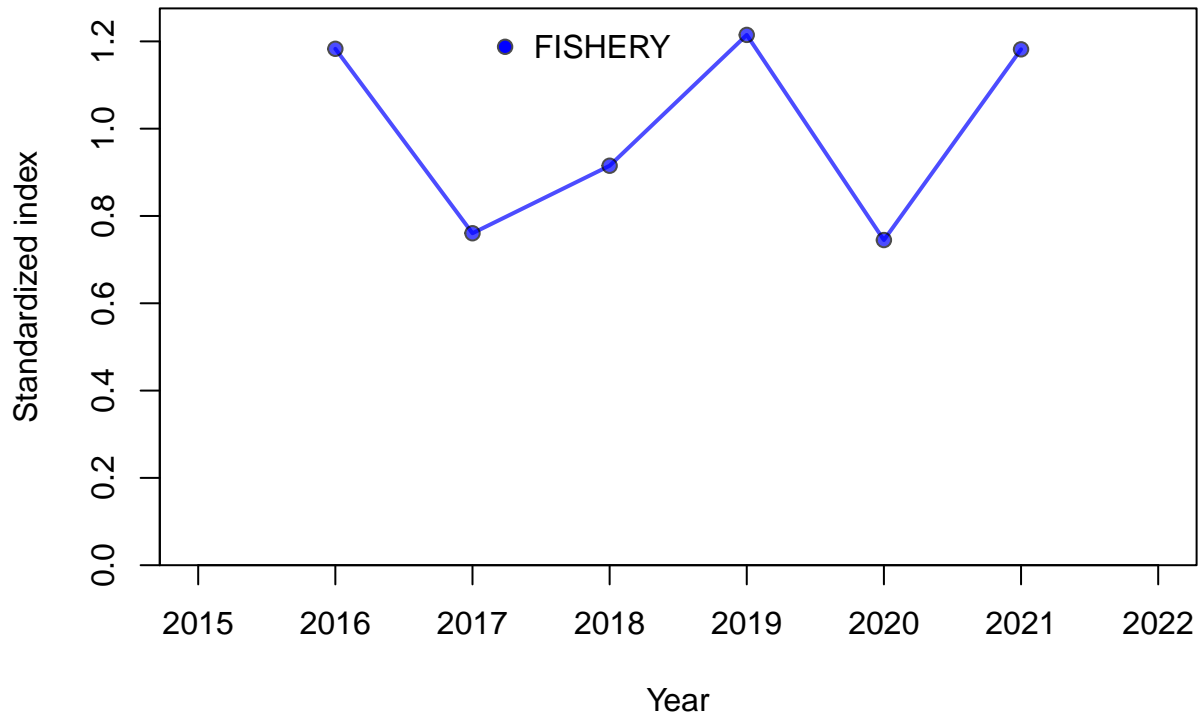




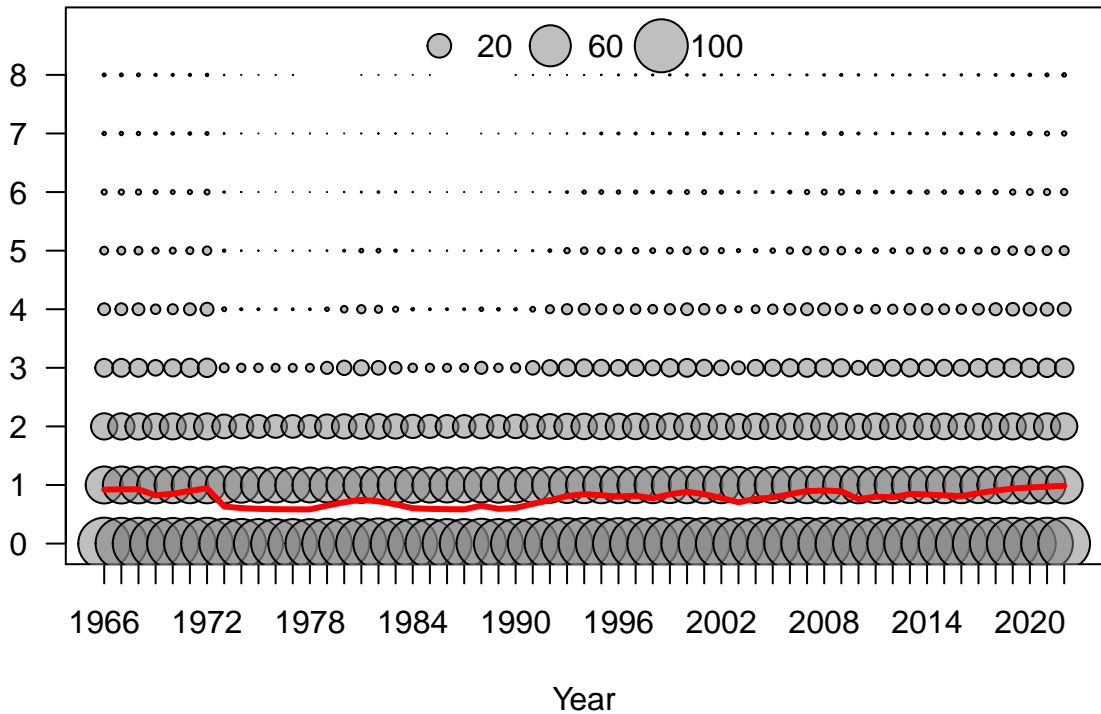
Deviation

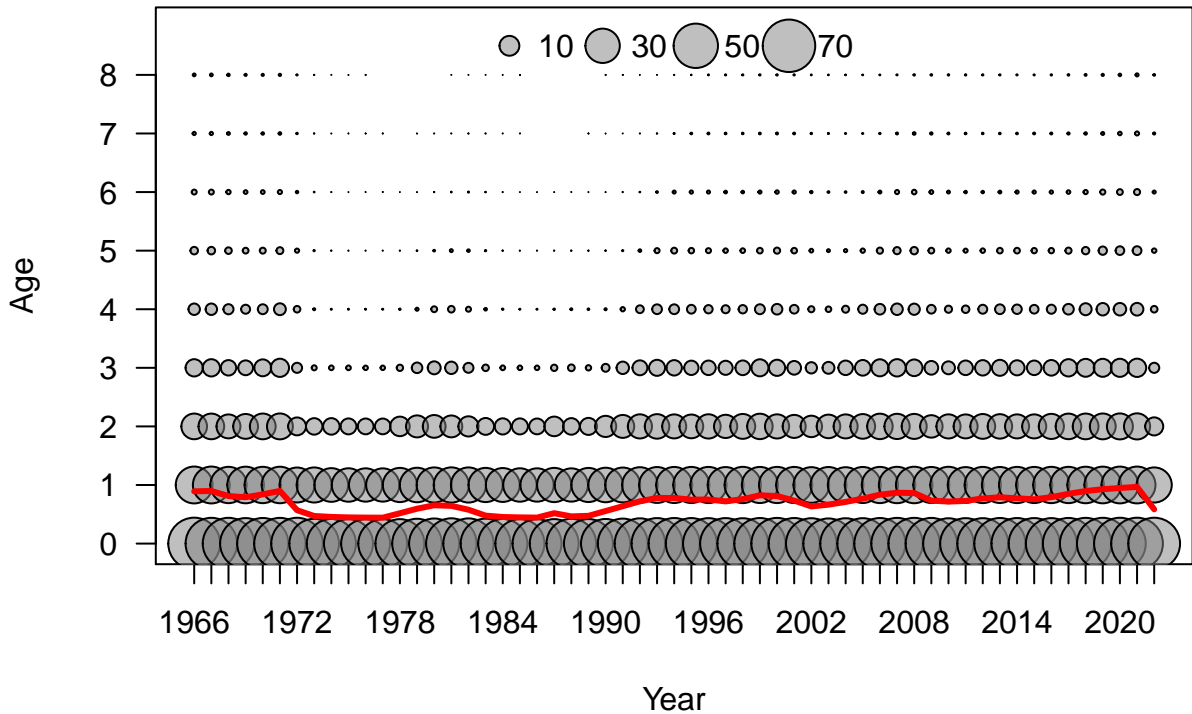


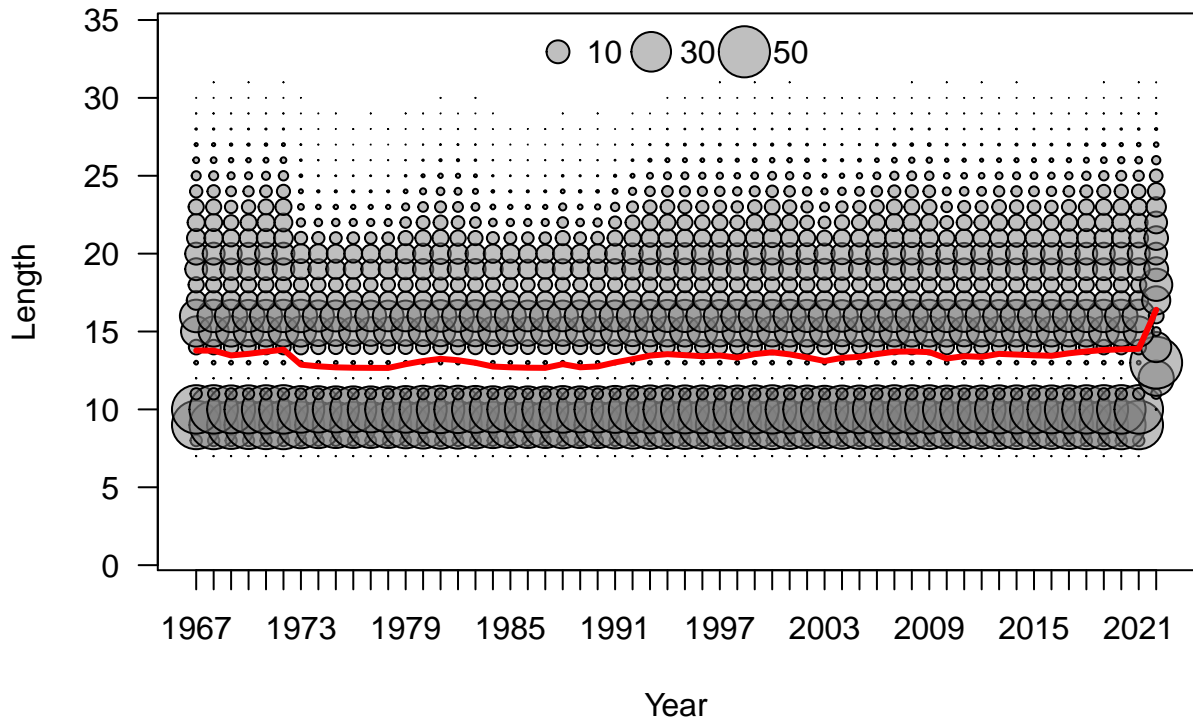
Year

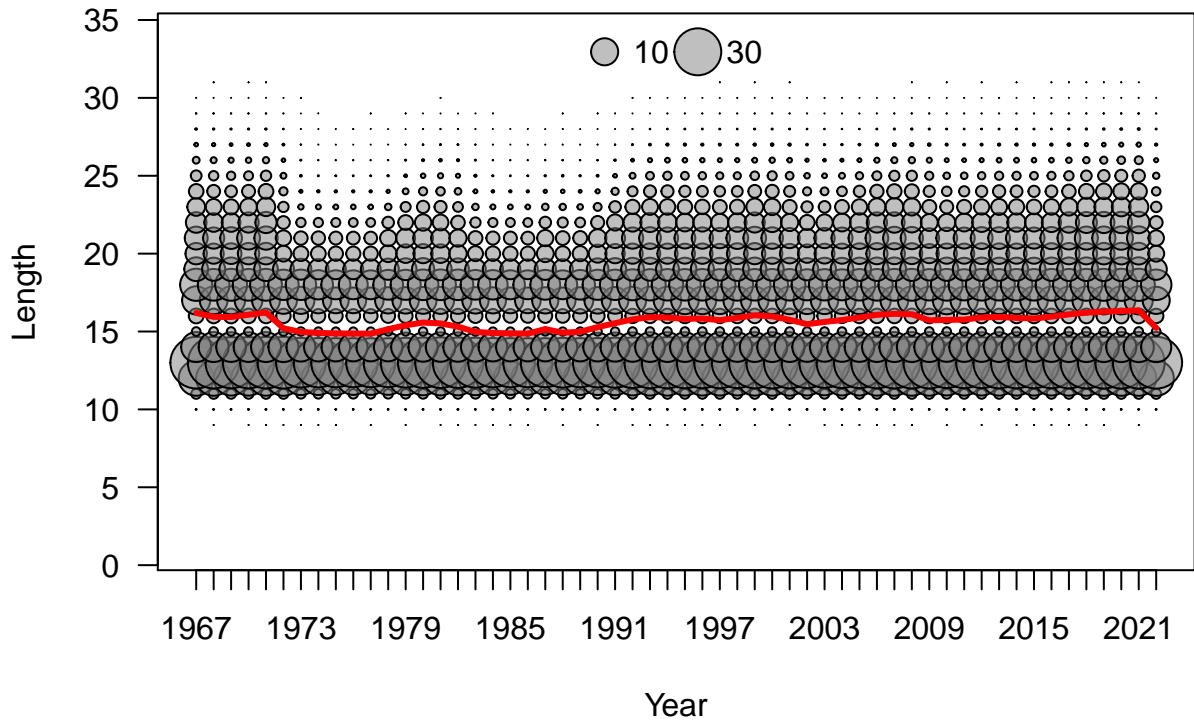


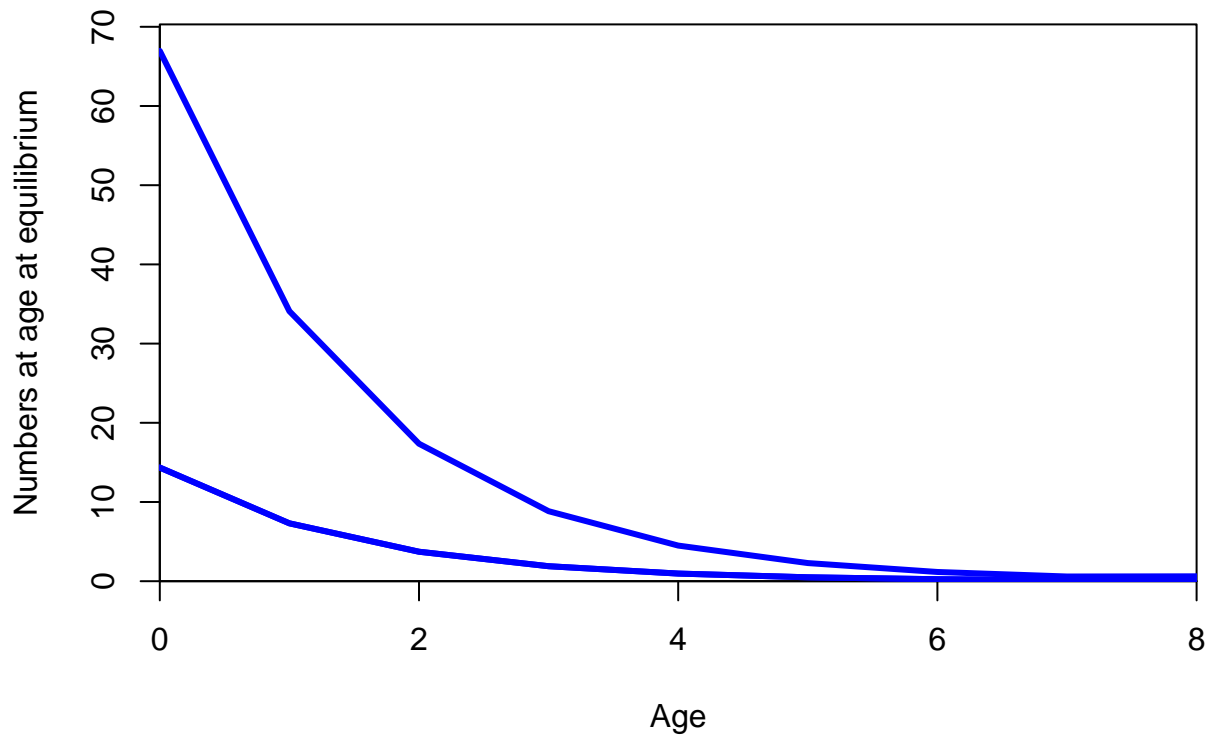
Age

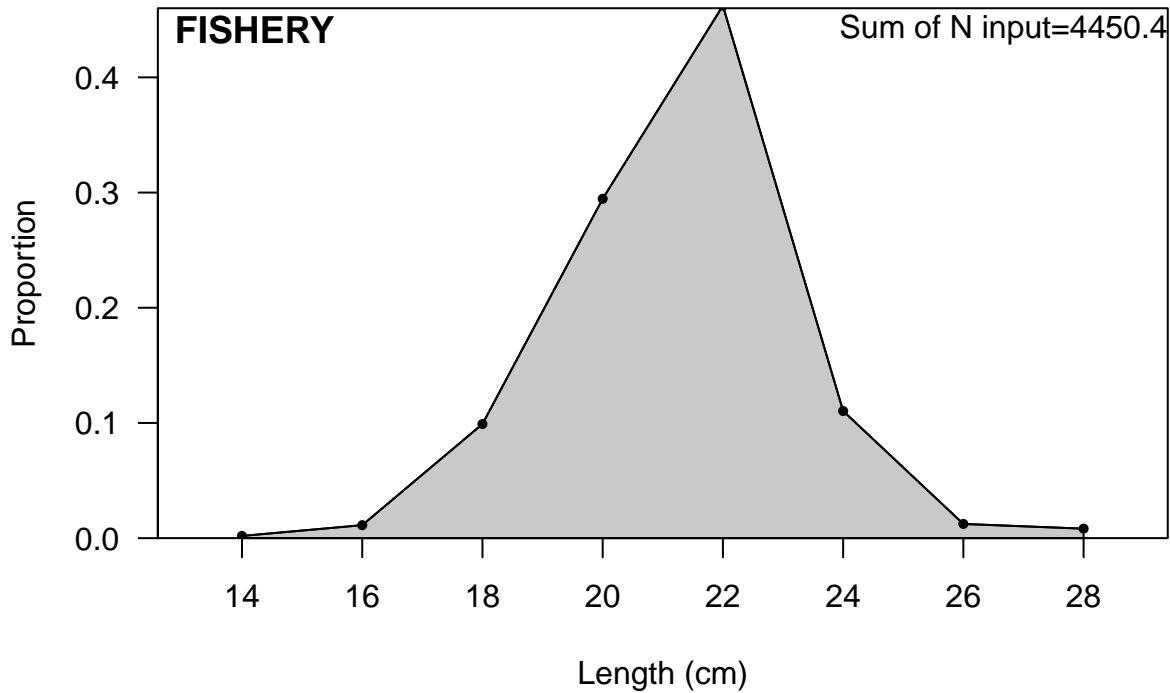




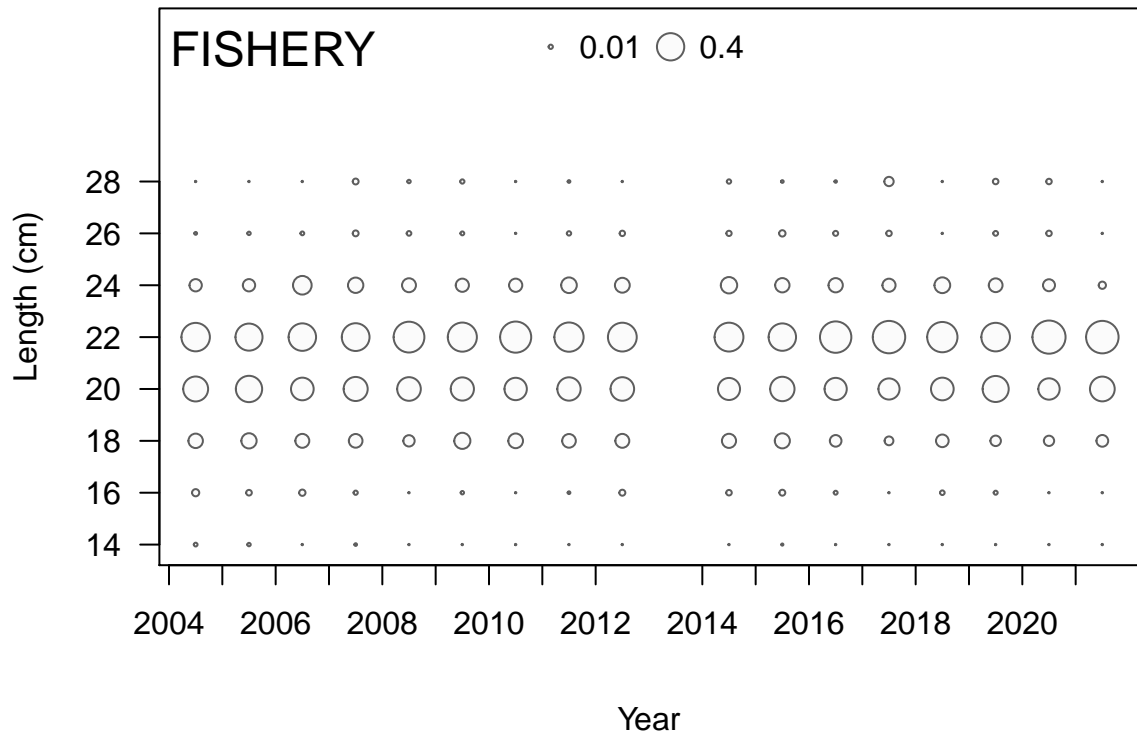




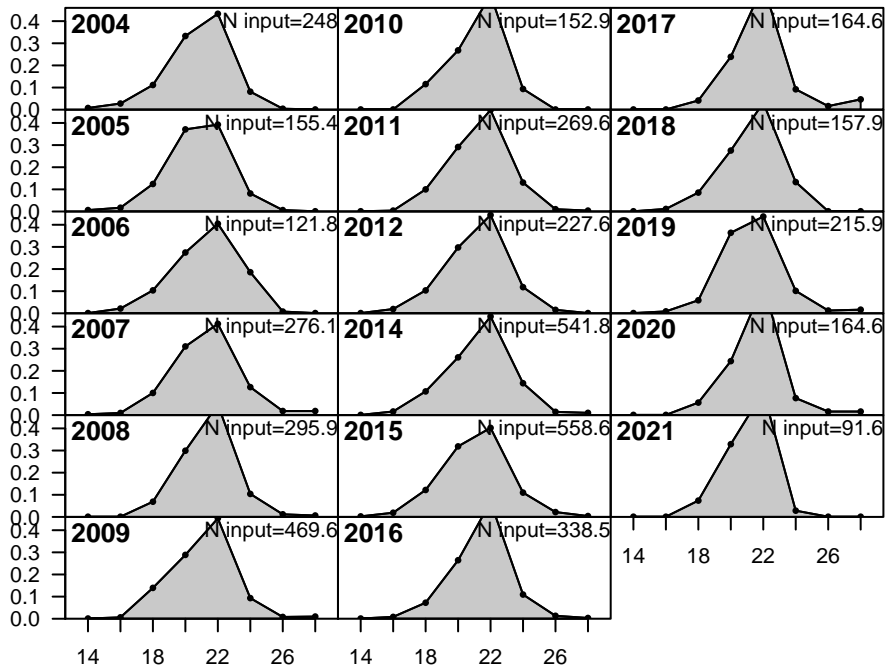




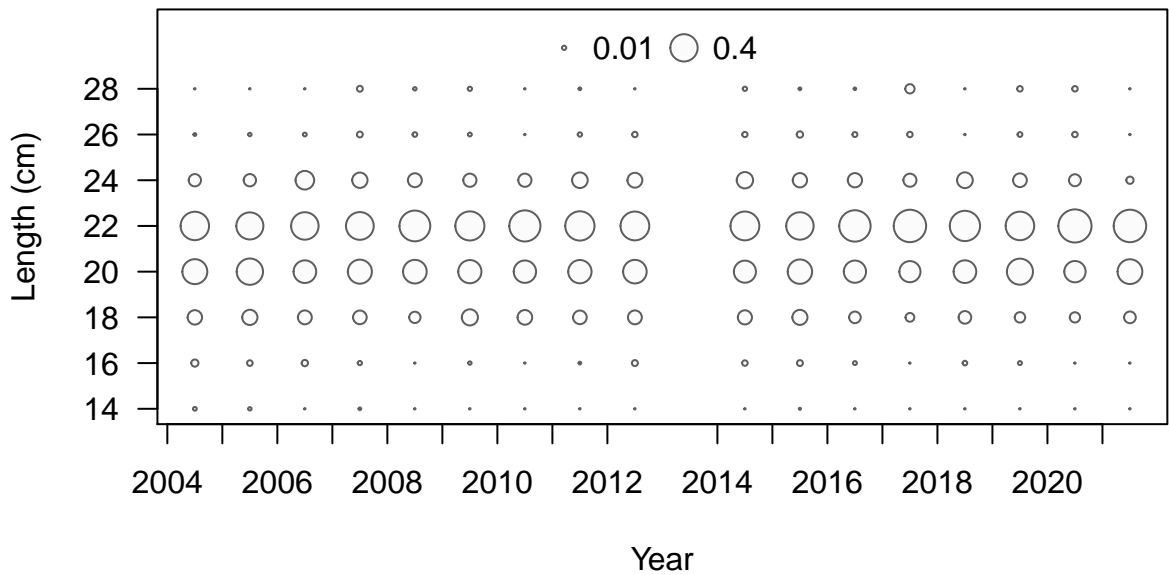




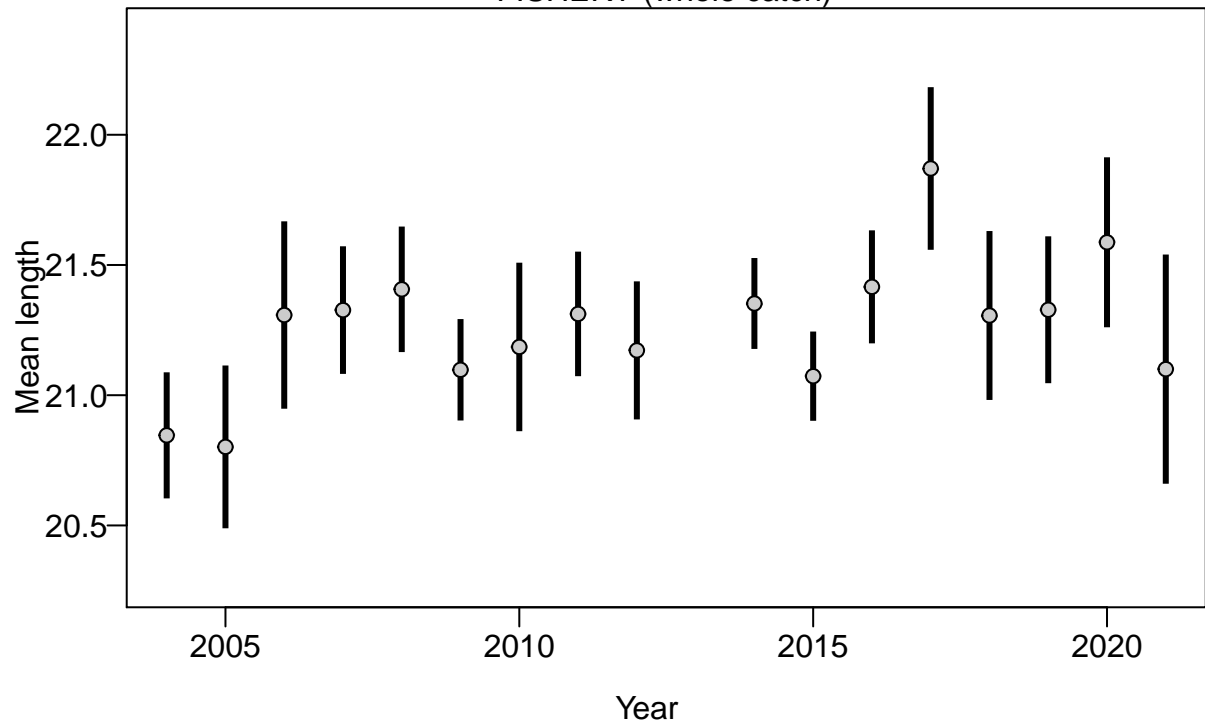
Proportion

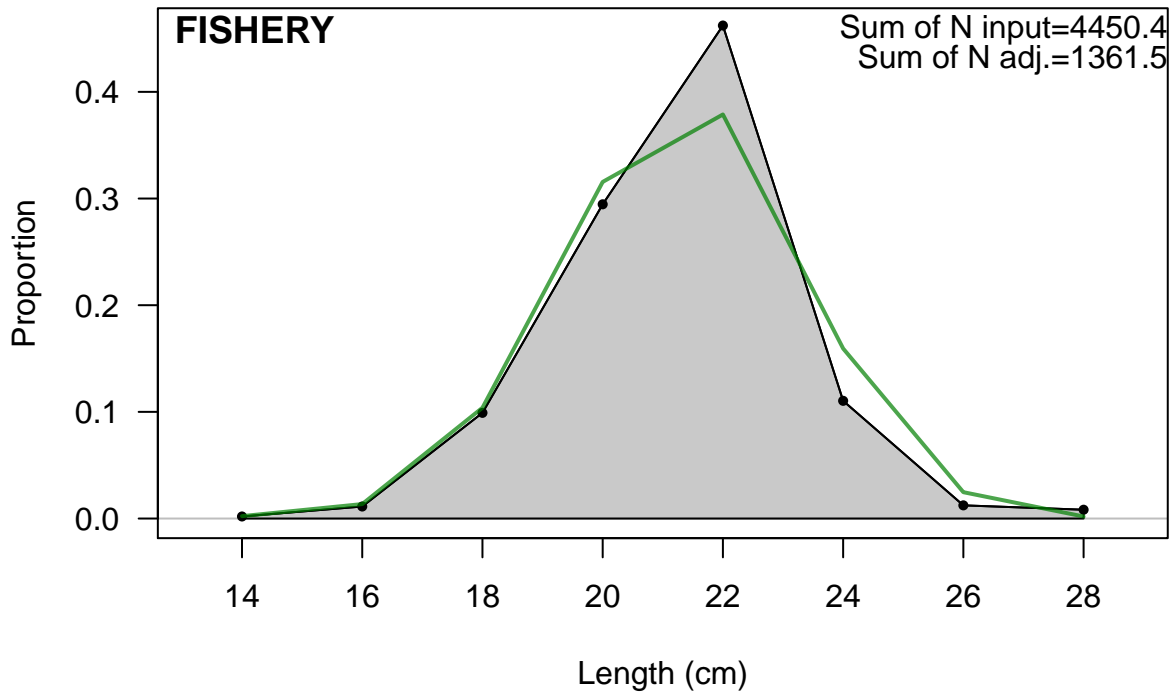


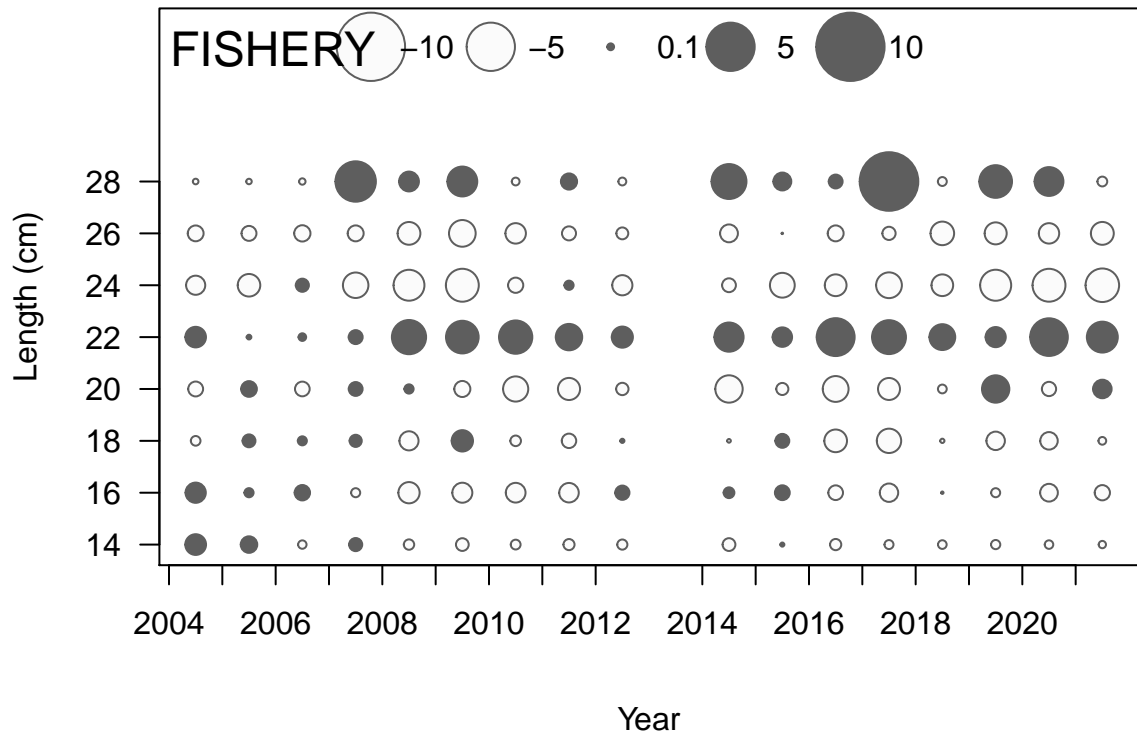
Length (cm)



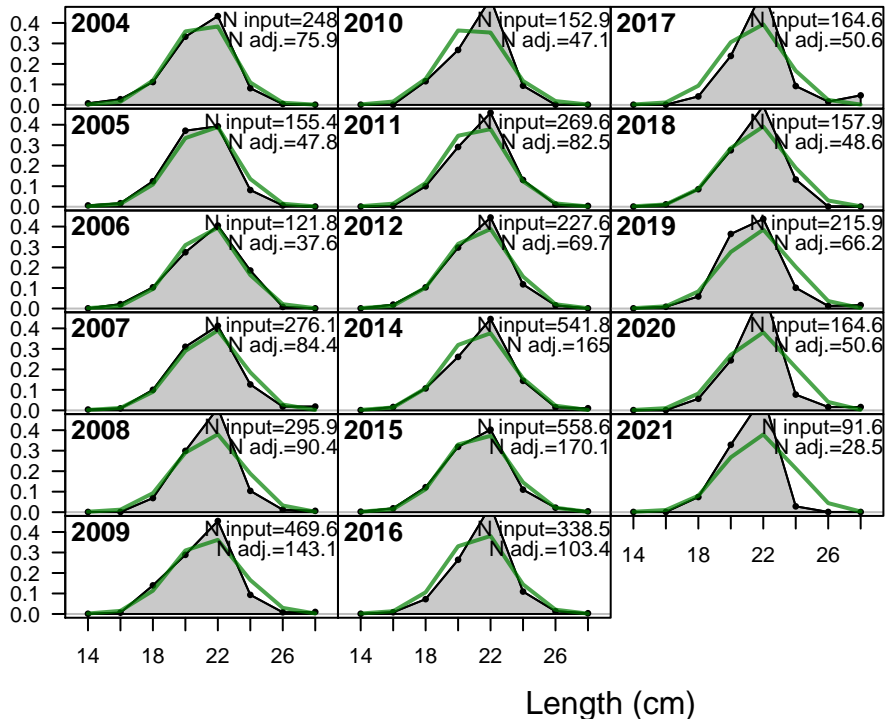
## FISHERY (whole catch)

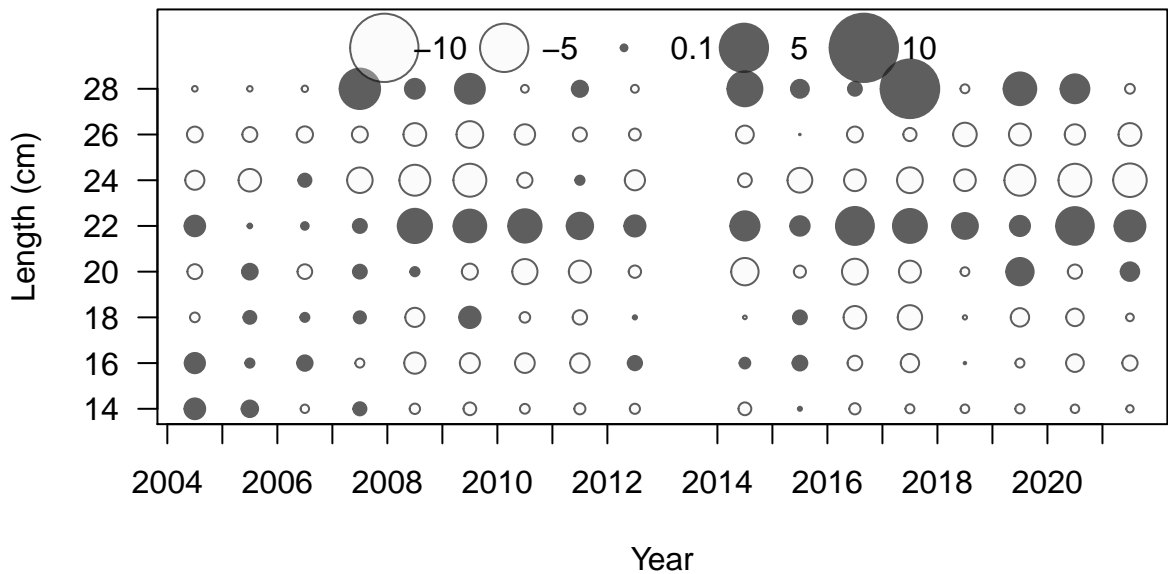






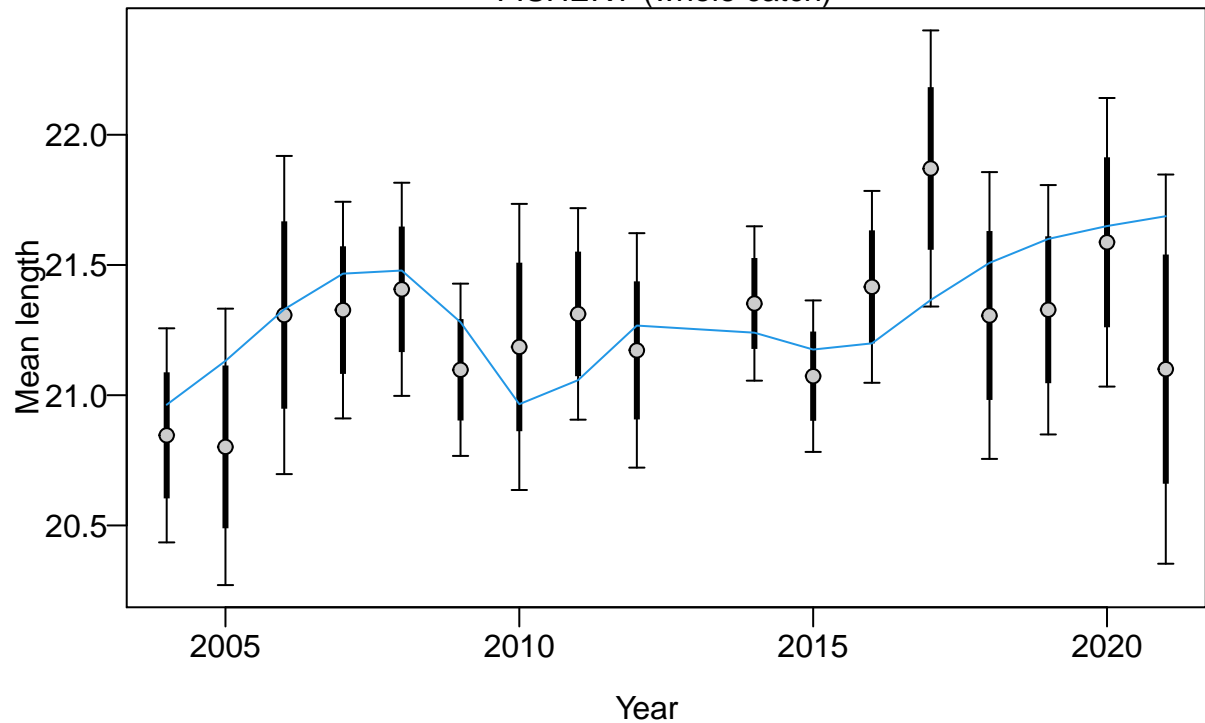
Proportion

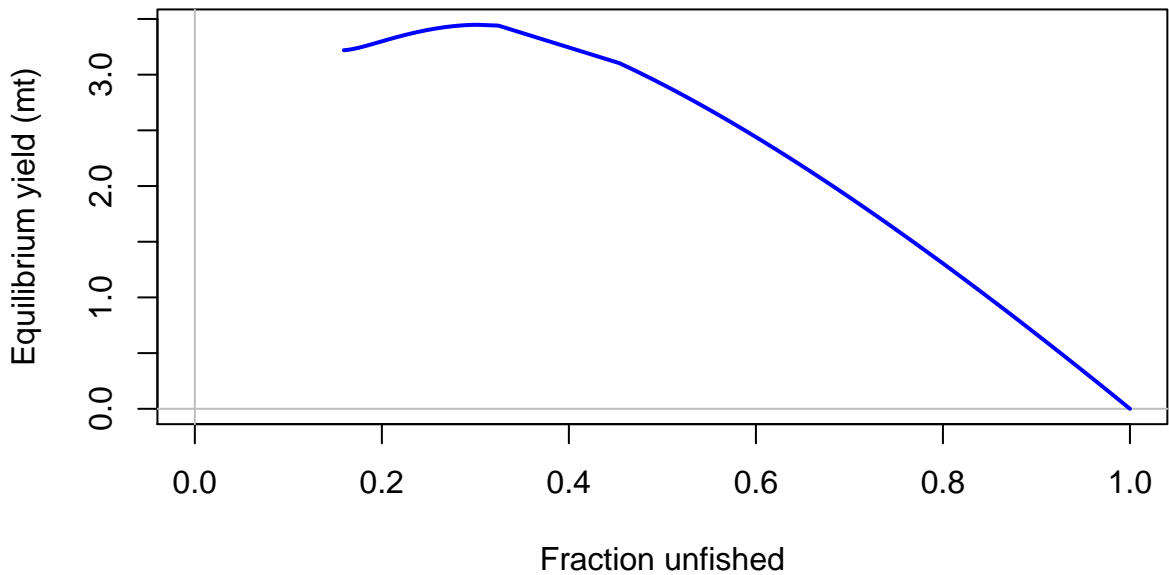


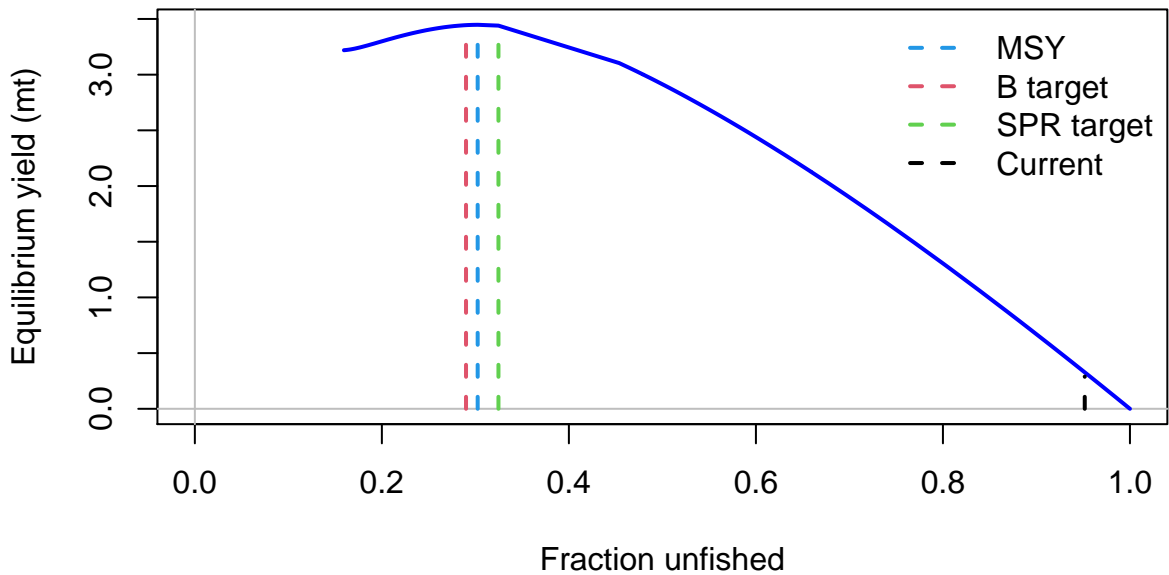


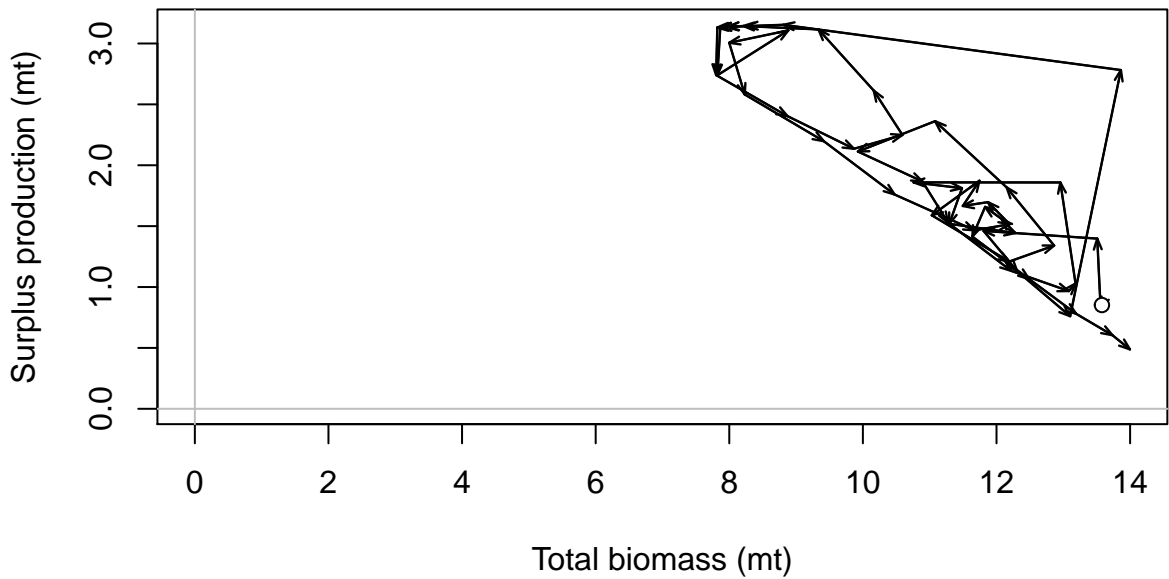


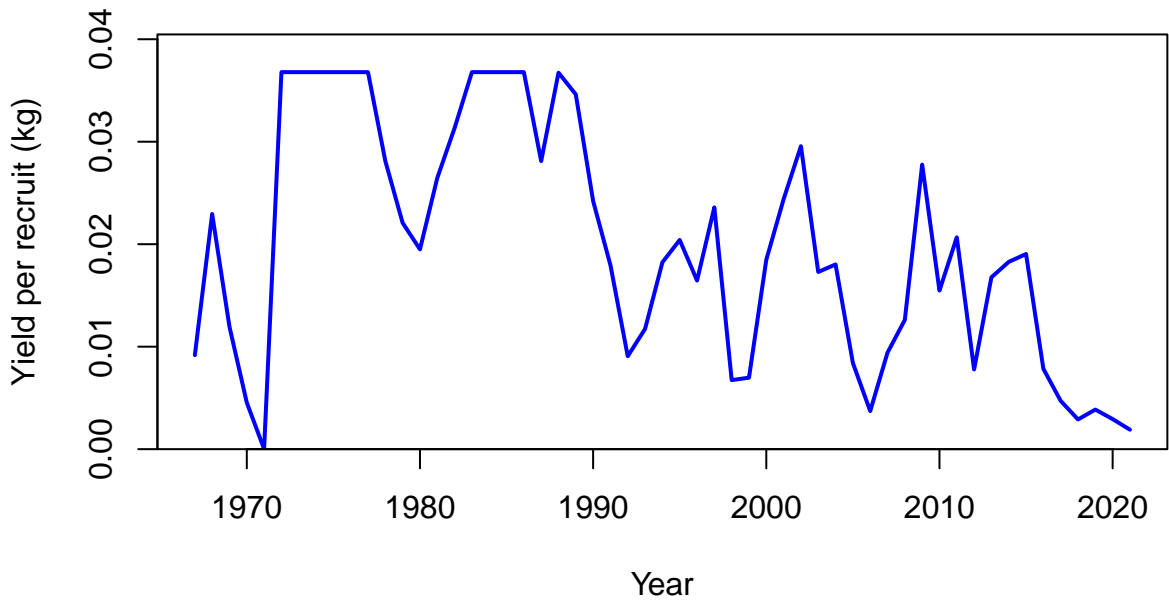
## FISHERY (whole catch)

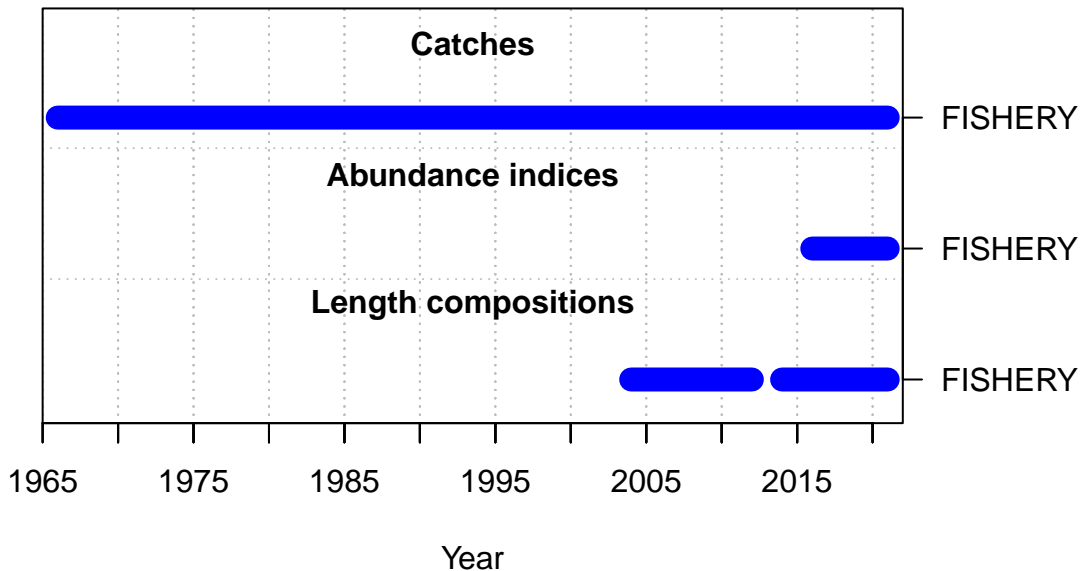


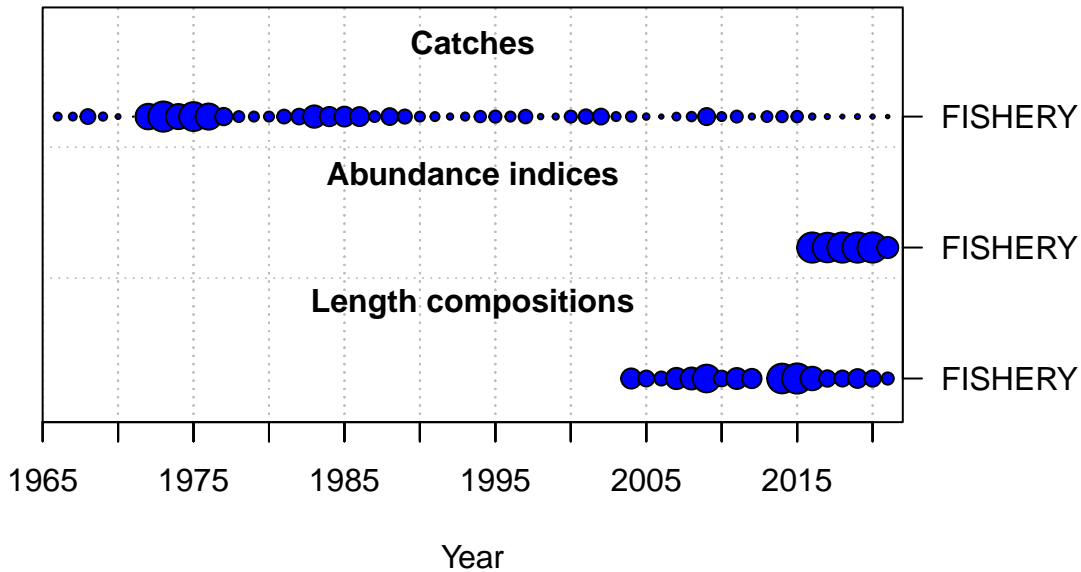




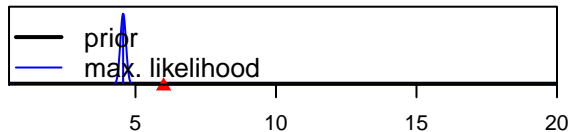




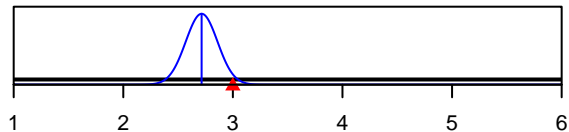




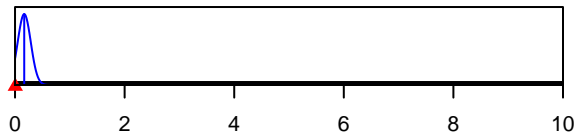
SR\_LN(R0)



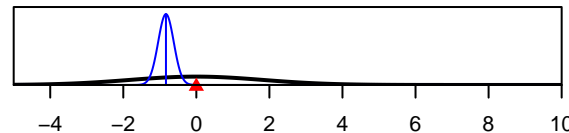
Size\_95%width\_FISHERY(1)



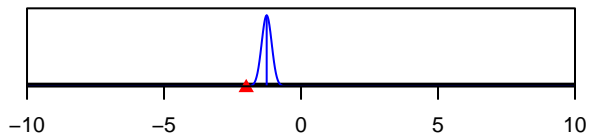
InitF\_seas\_1flt\_1FISHERY



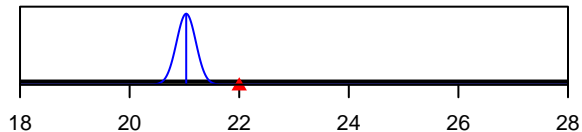
ln(DM\_theta)\_1



LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Parameter value