

Plots created using the 'r4ss' package in R

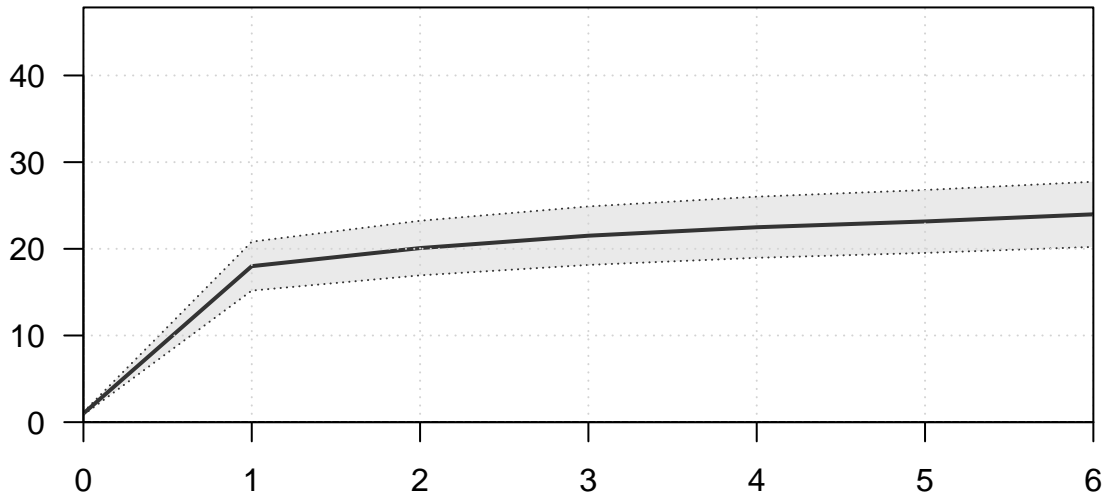
Stock Synthesis version: 3.30.19.0

StartTime: Sat Jul 23 09:15:50 2022

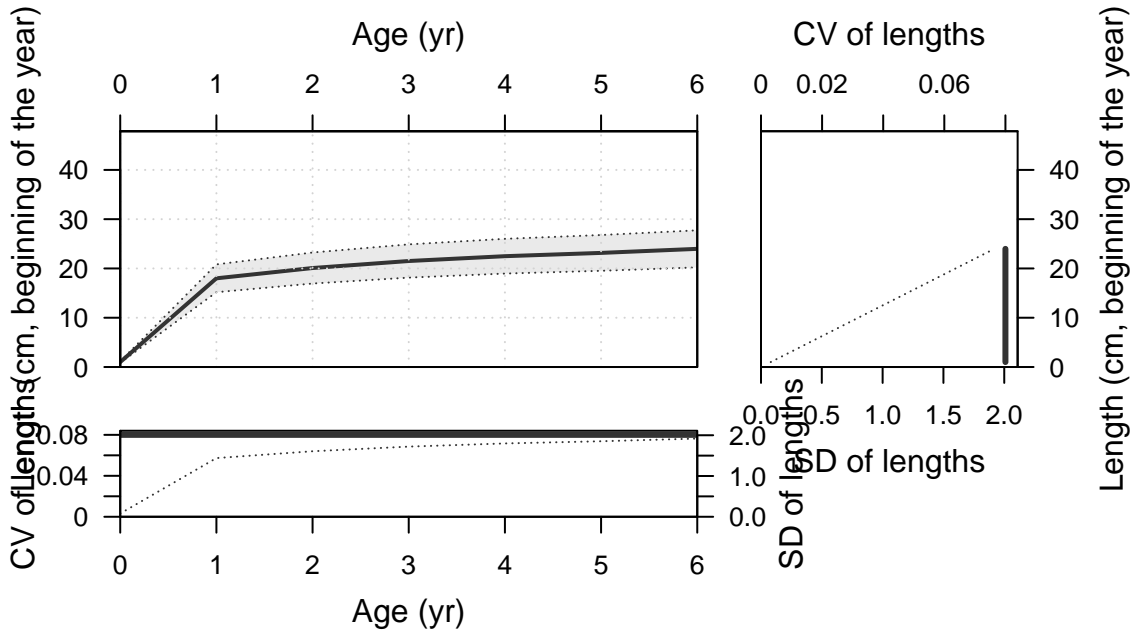
Data\_File: data.ss

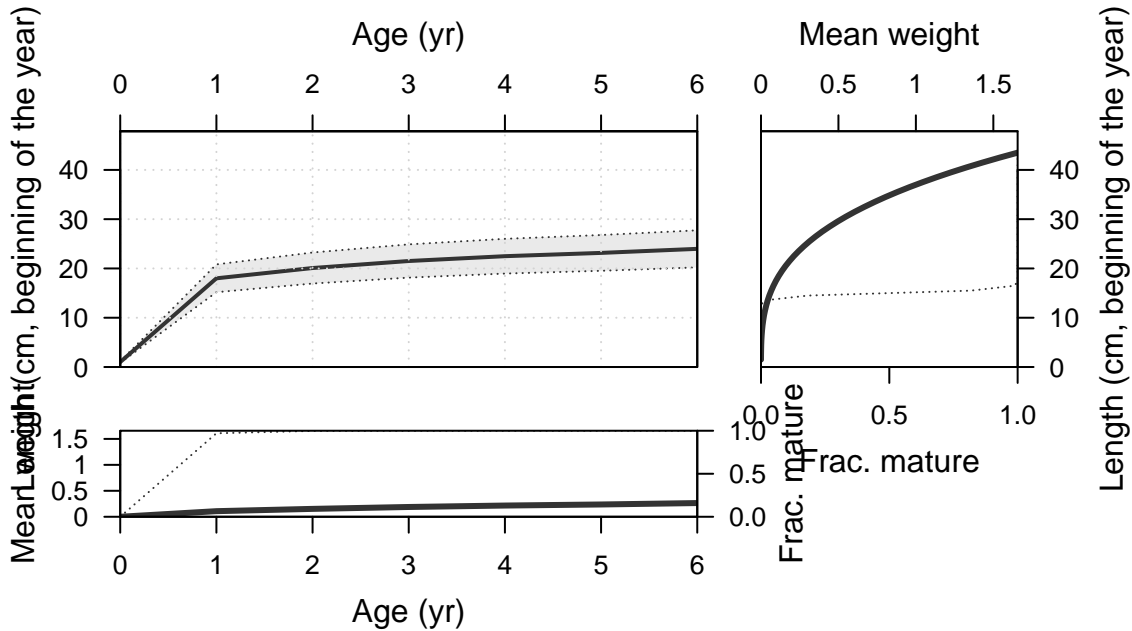
Control\_File: control.ss

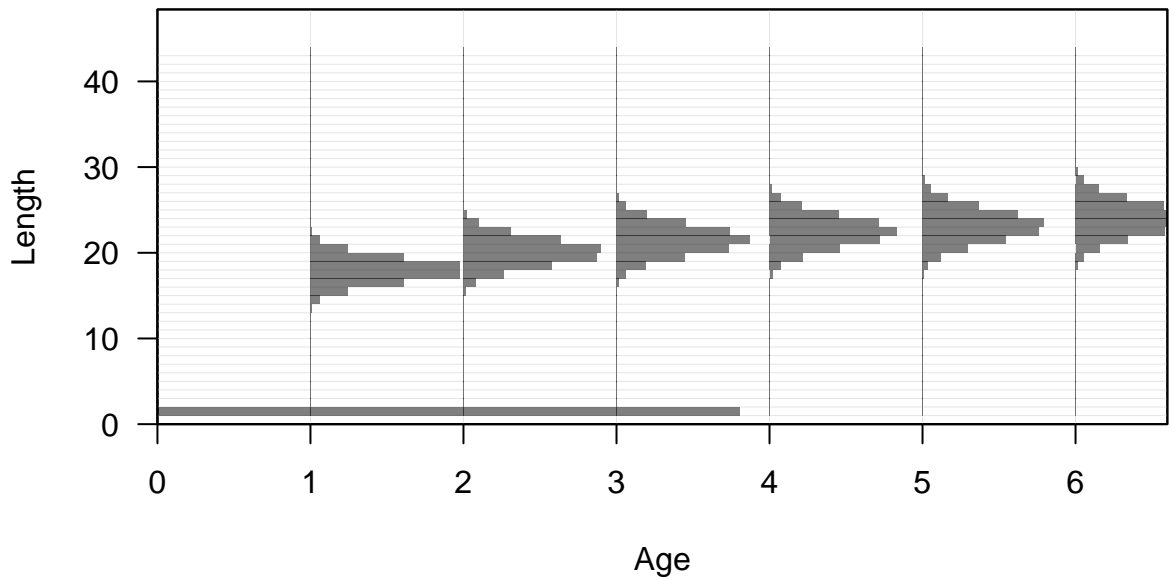
Length (cm, beginning of the year)

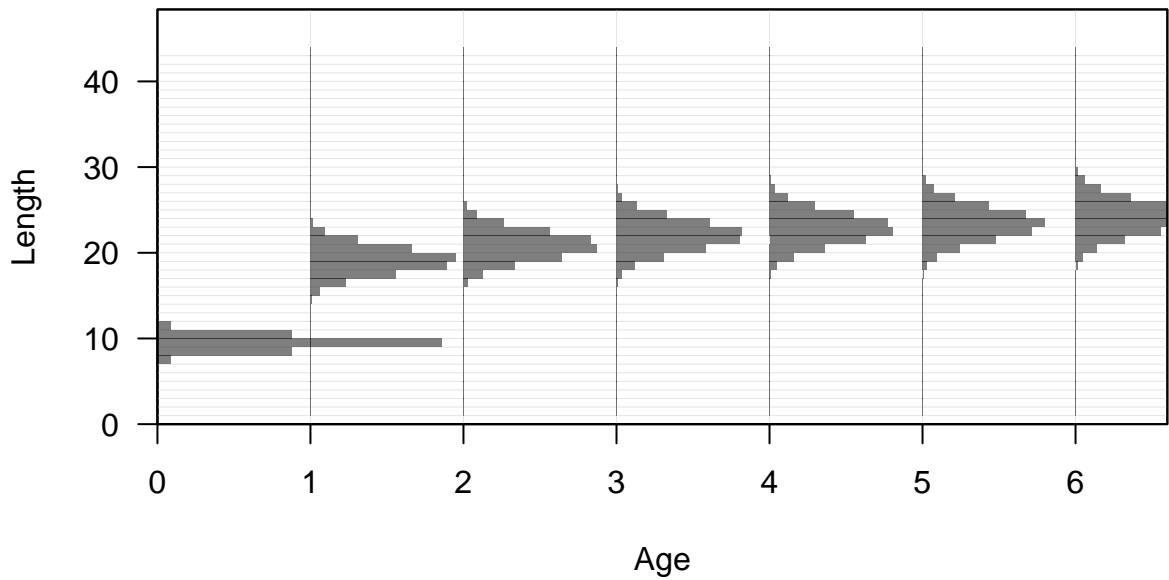


Age (yr)













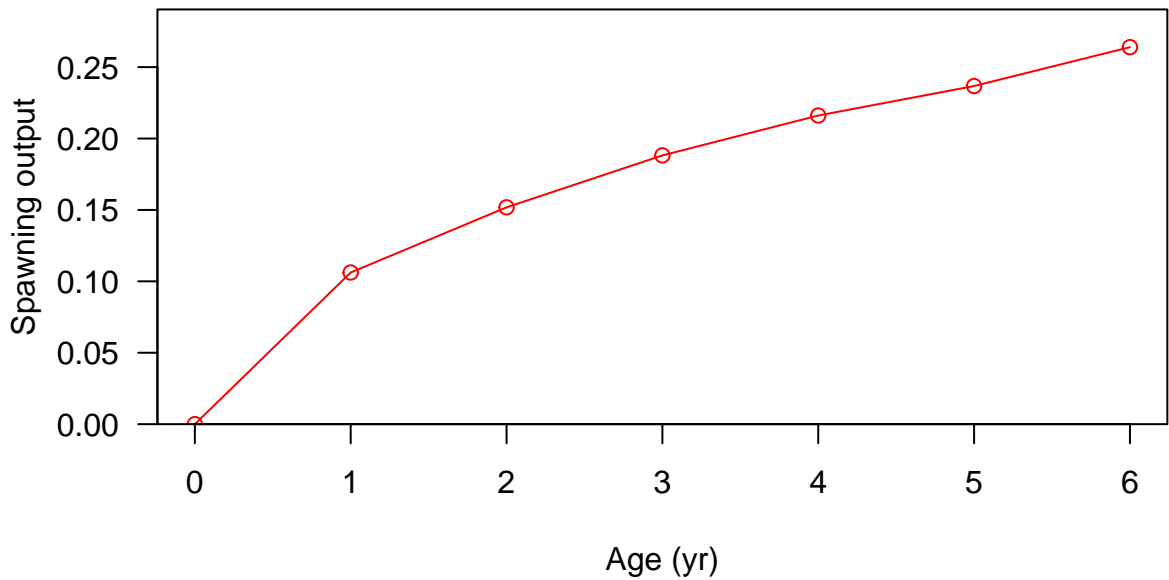




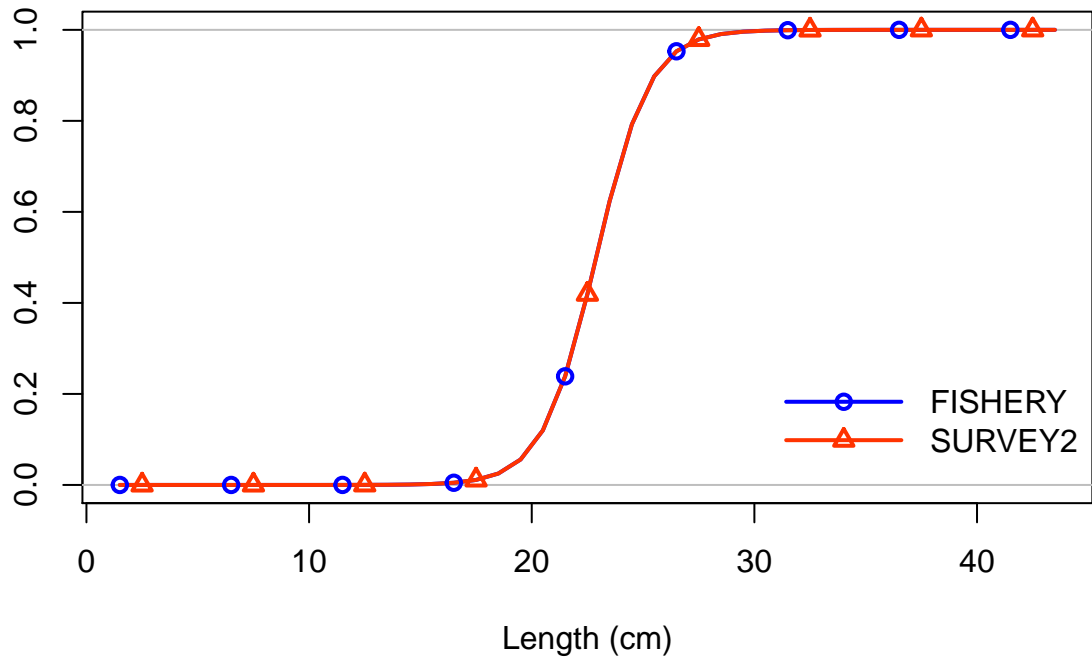




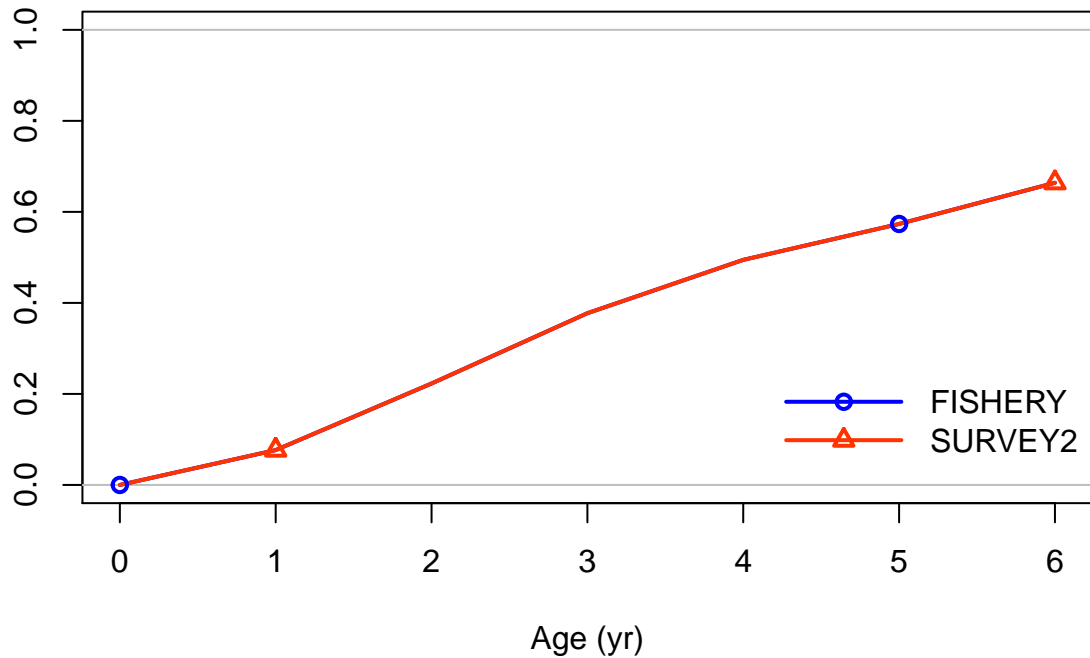




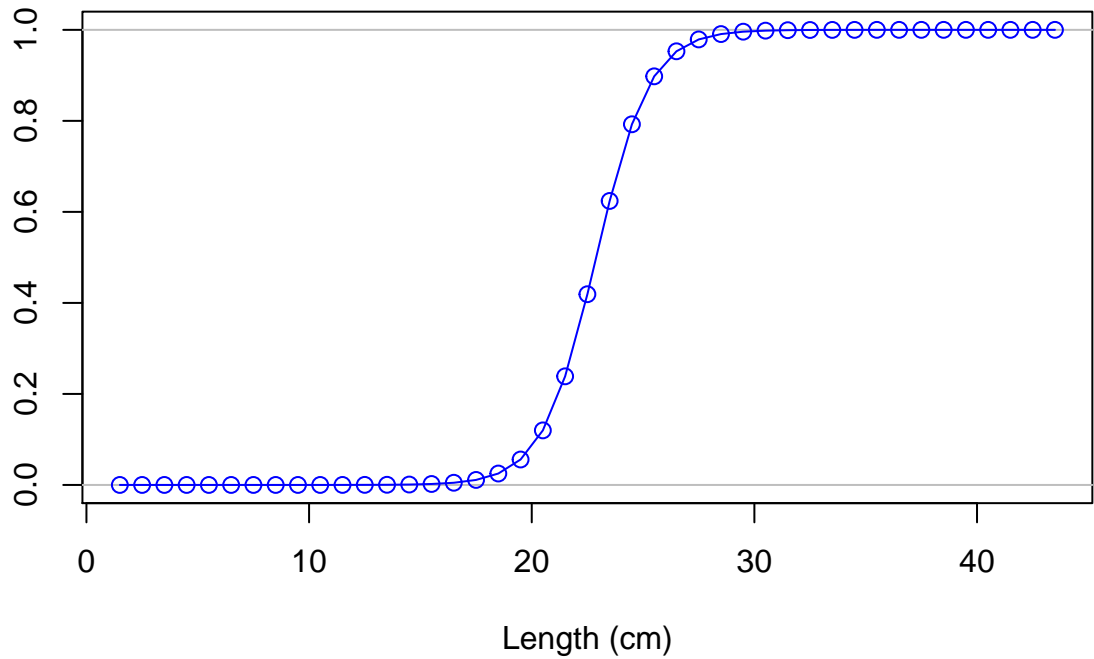
Selectivity



Selectivity

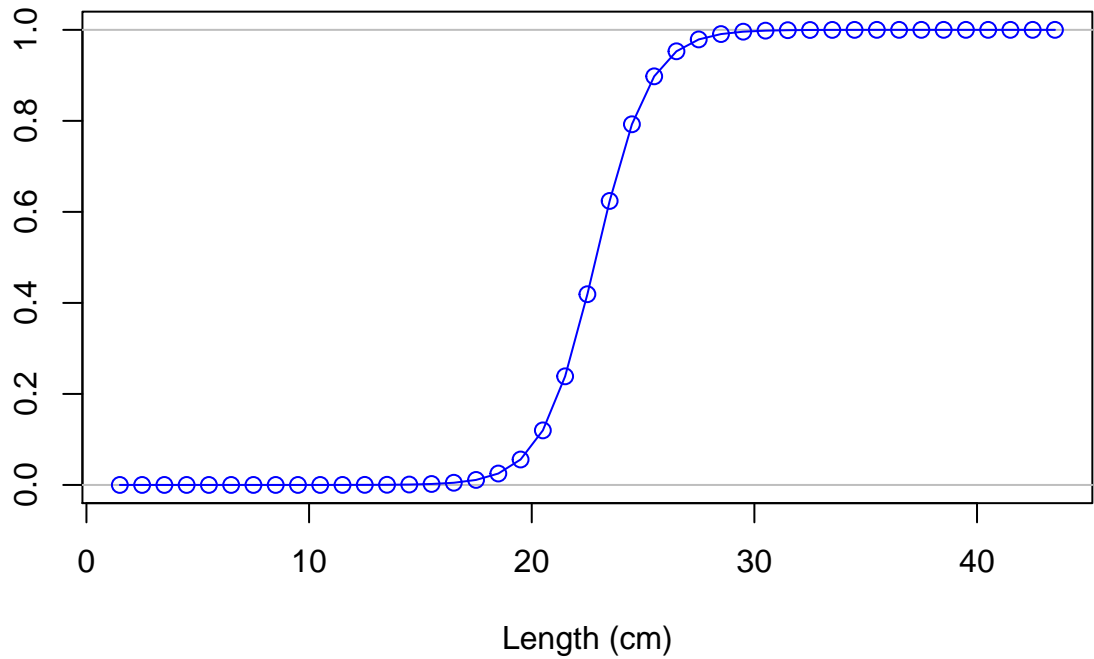


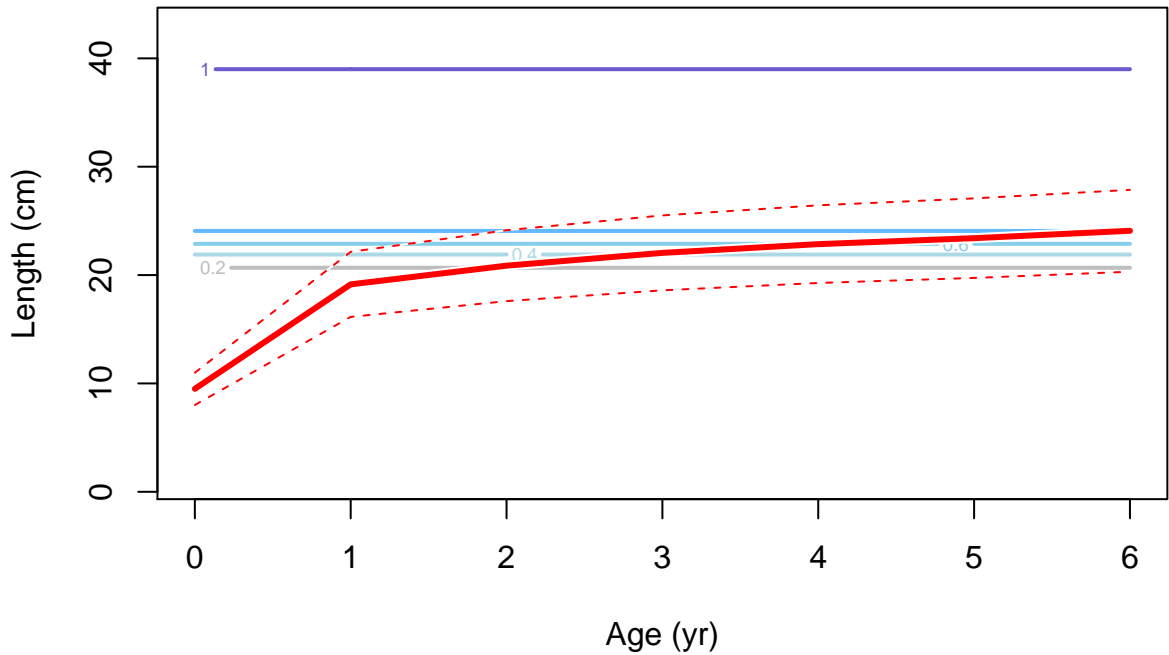
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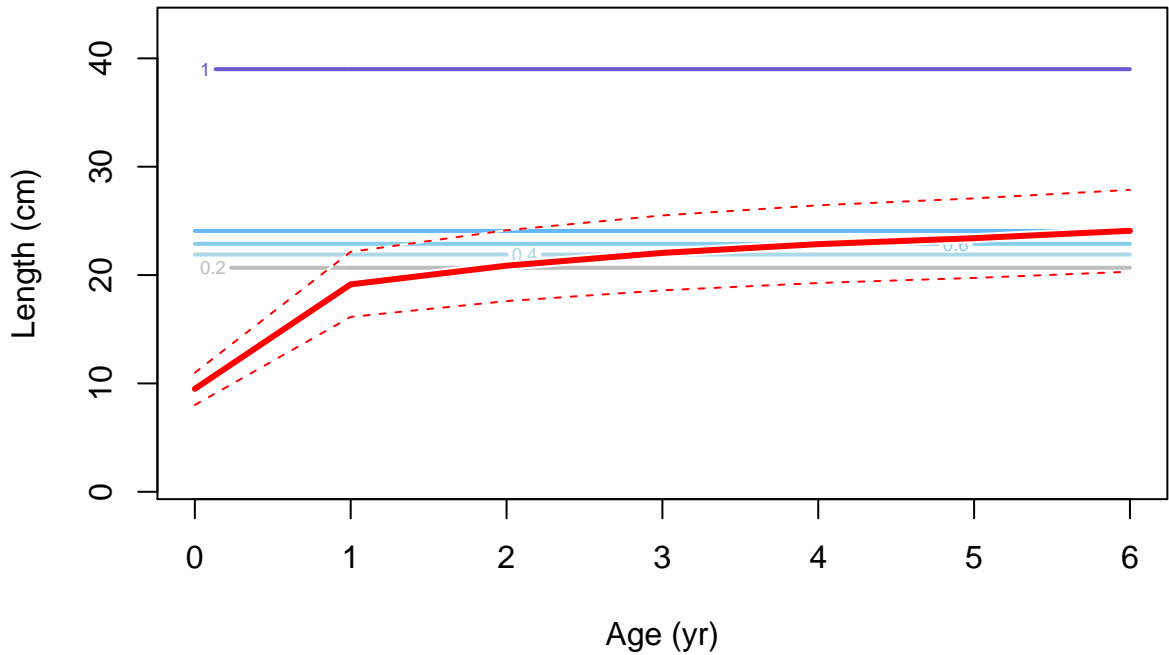


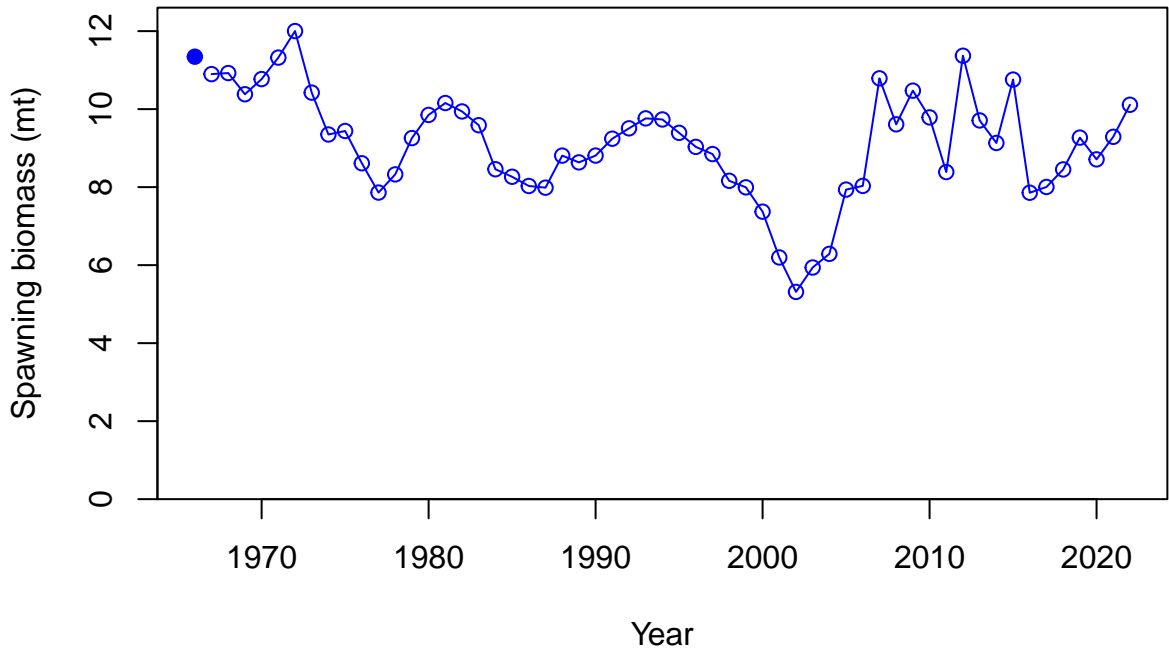


Selectivity

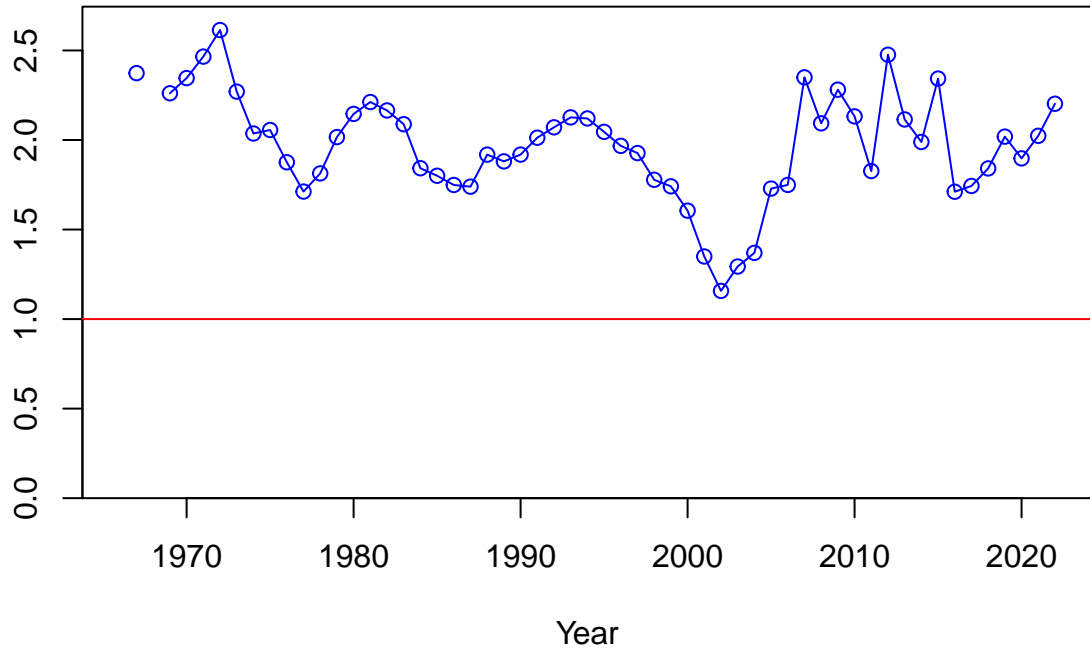


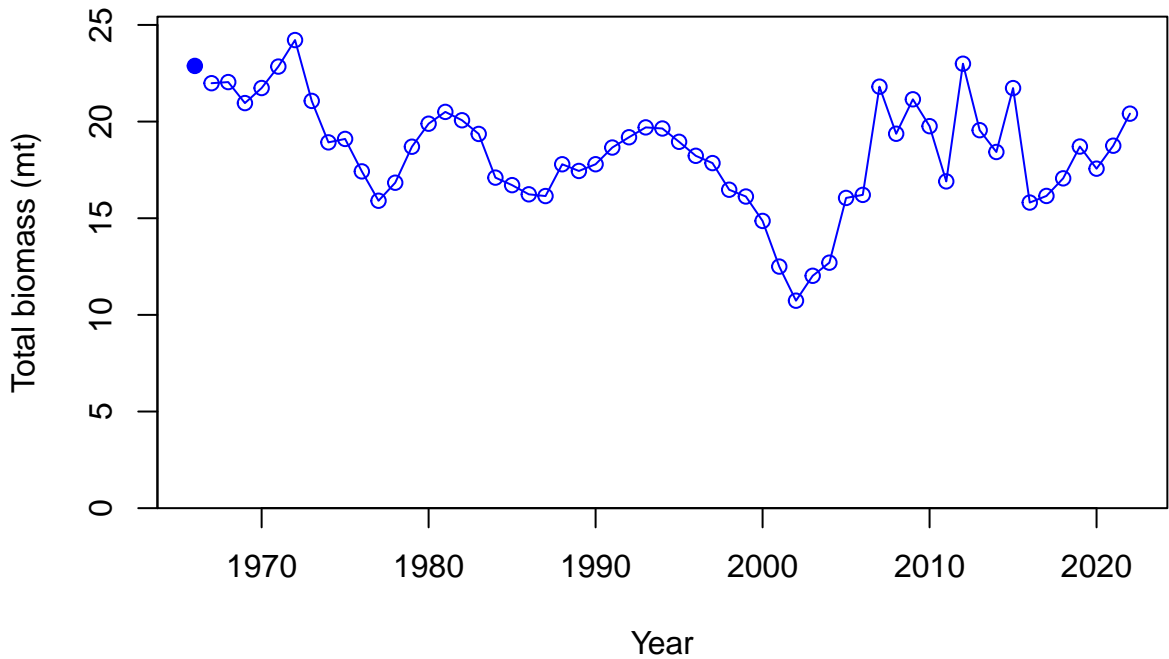


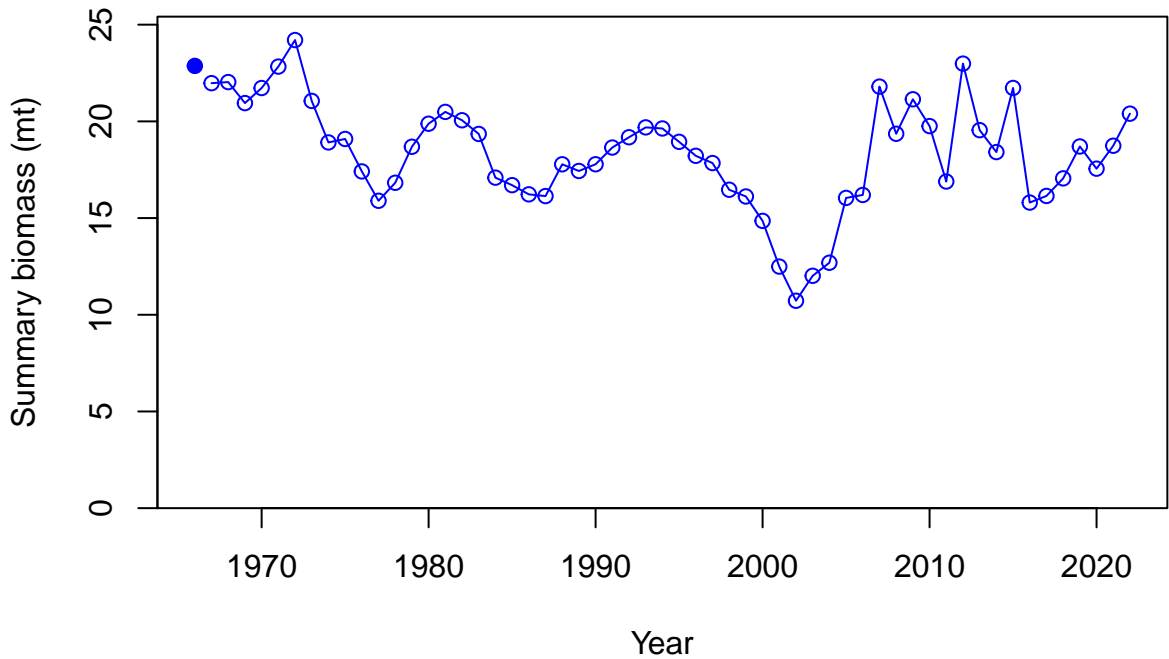


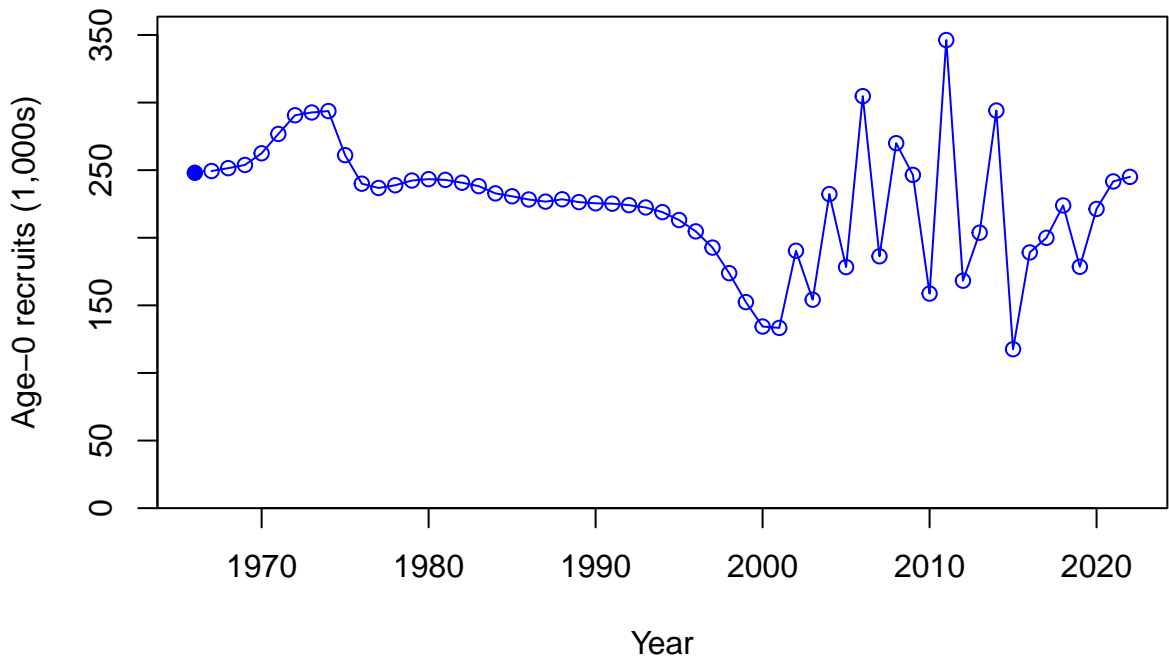


Relative spawning biomass:  $B/B_{MSY}$



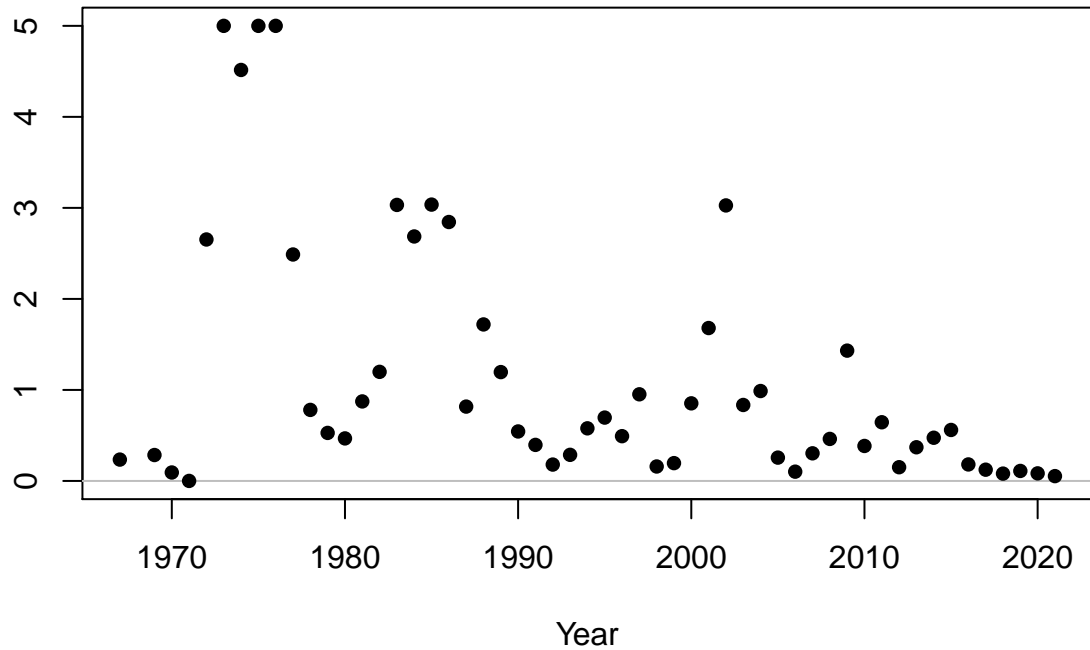


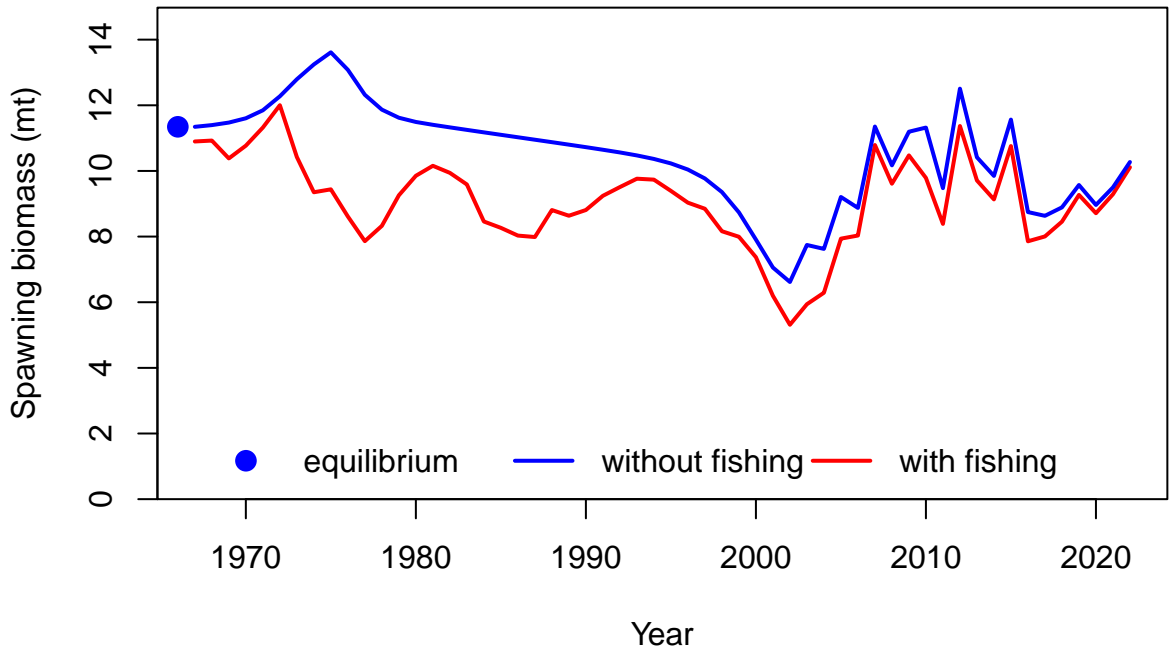




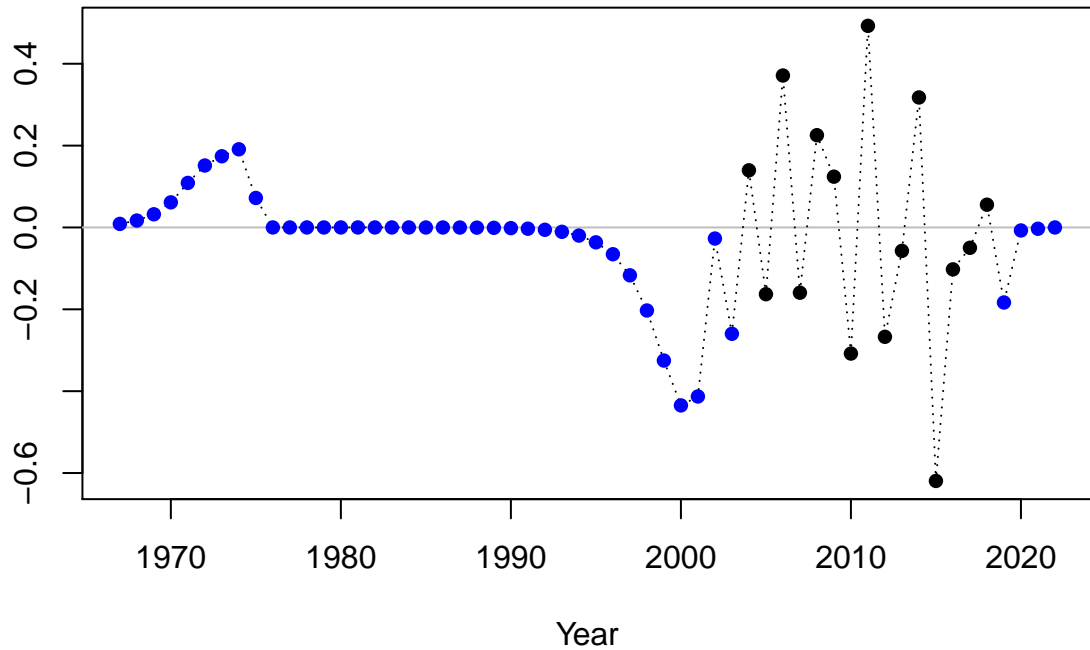


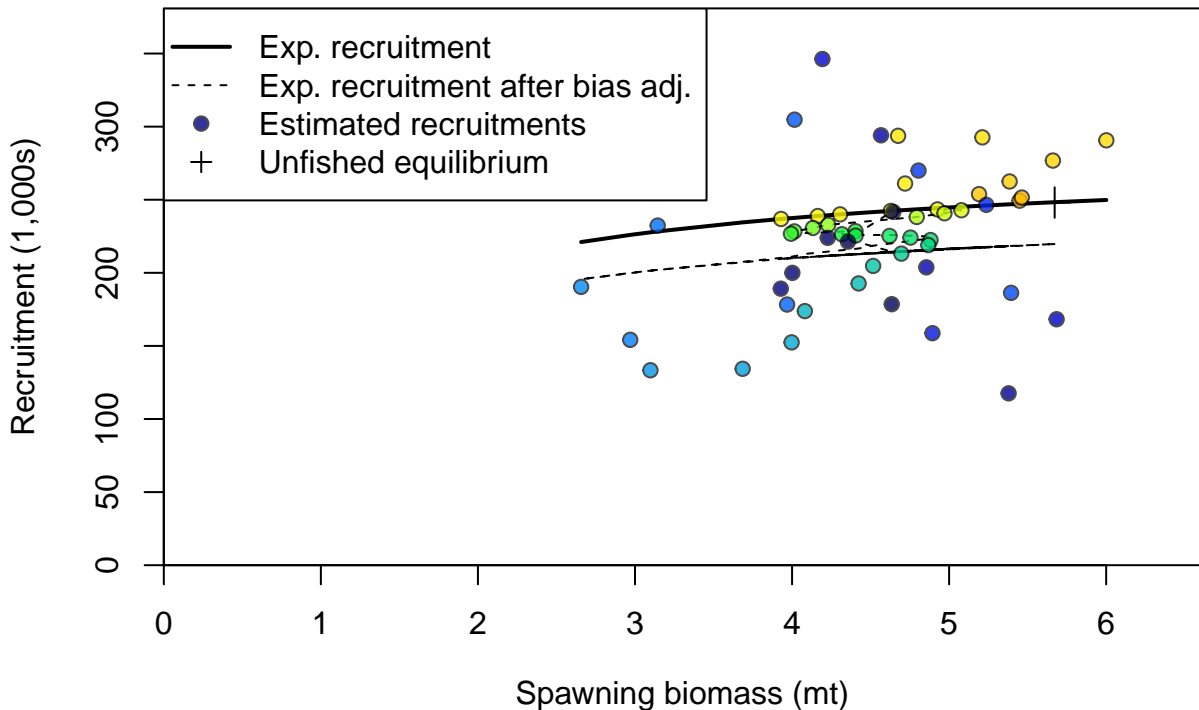
Summary Fishing Mortality

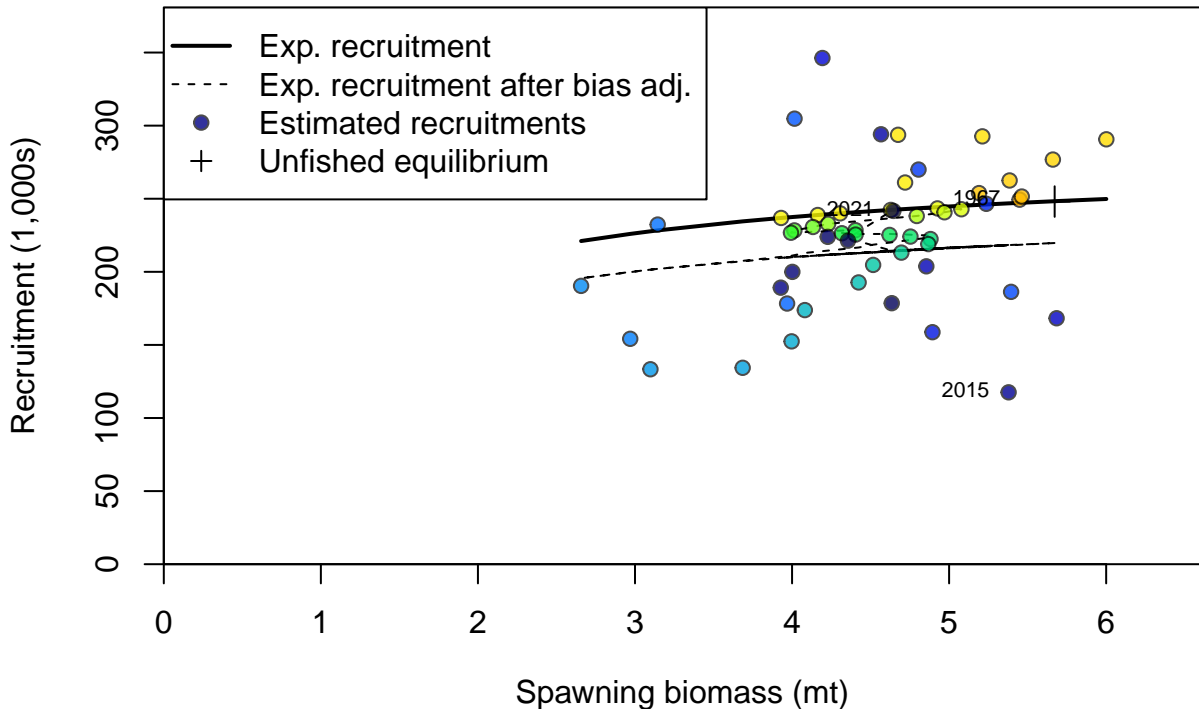


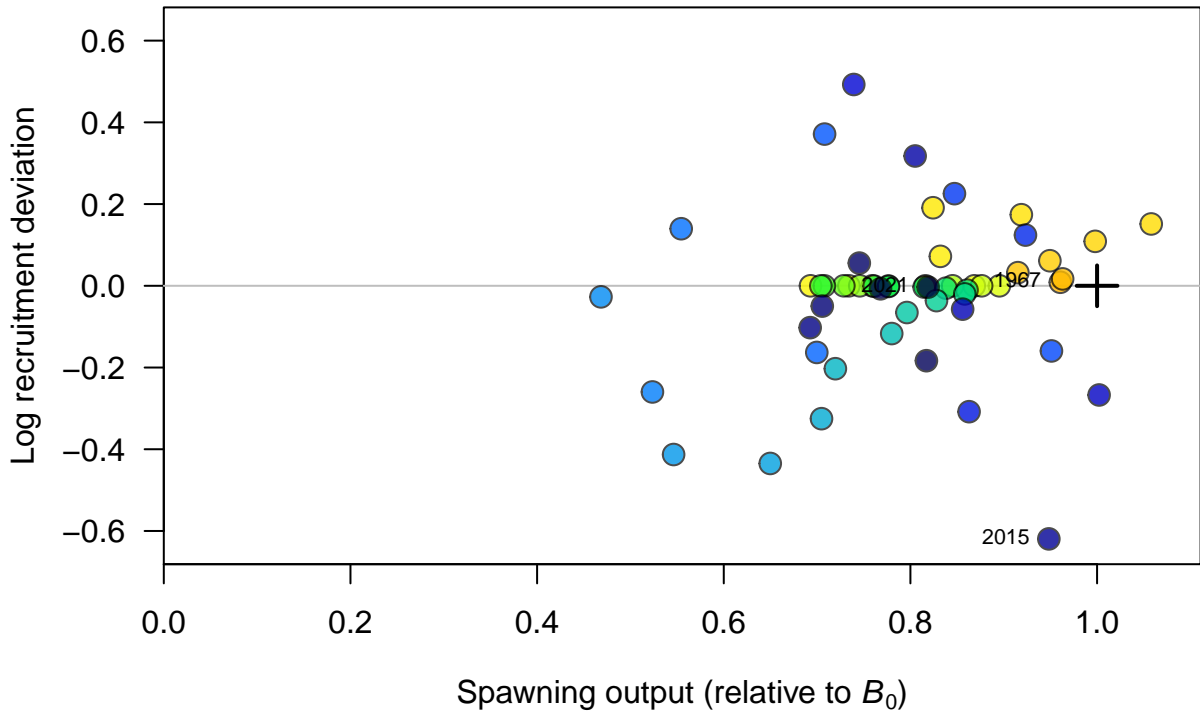


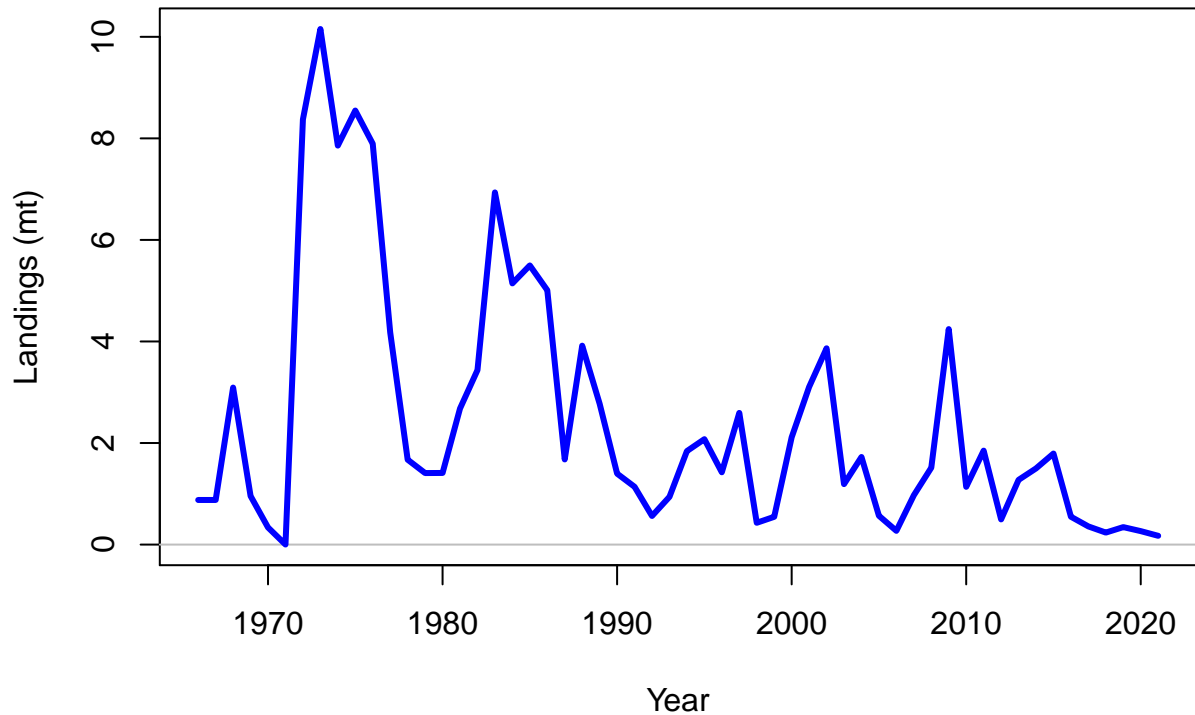
Log recruitment deviation



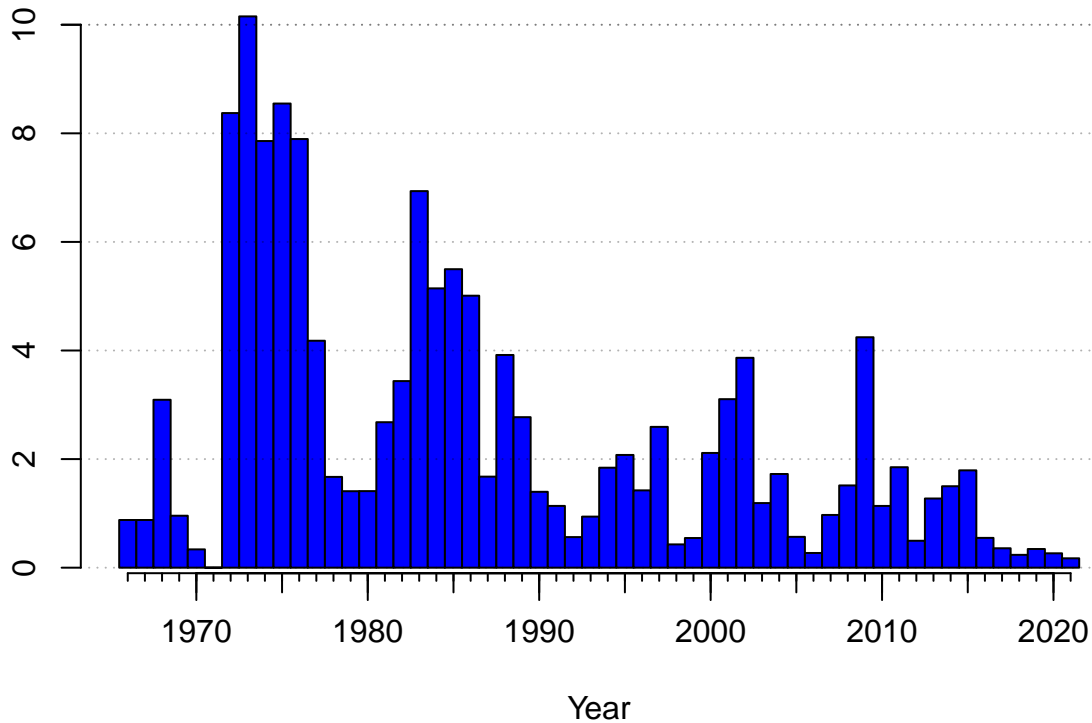




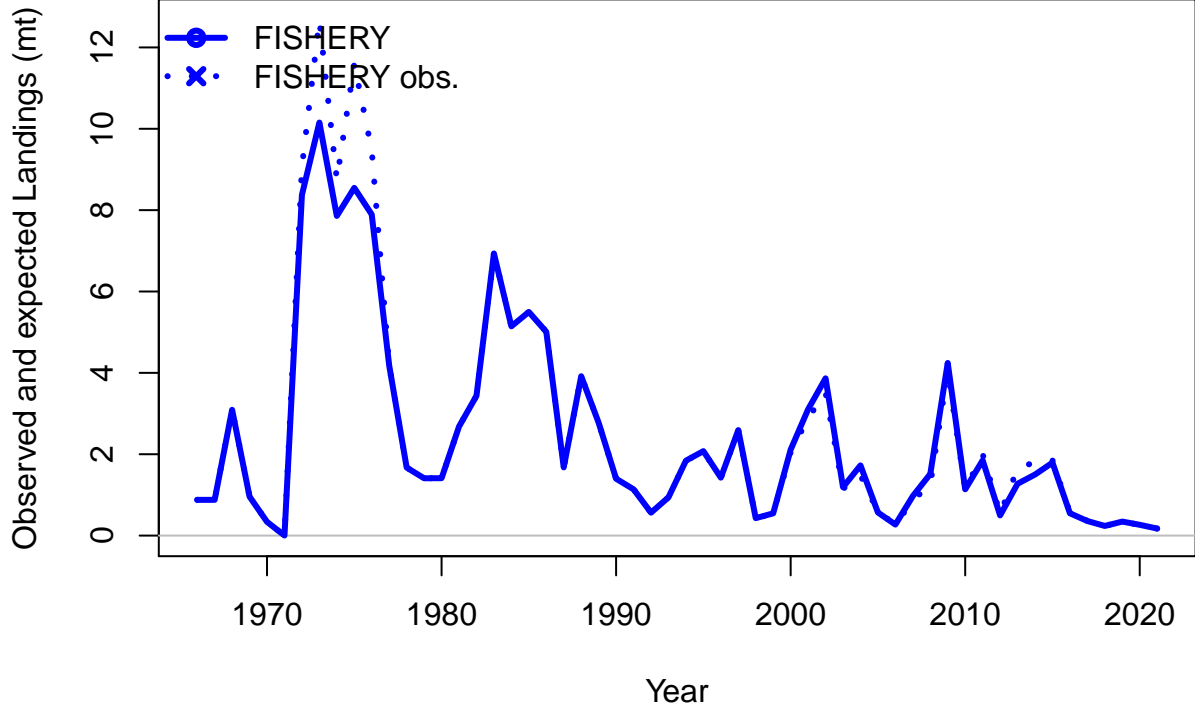


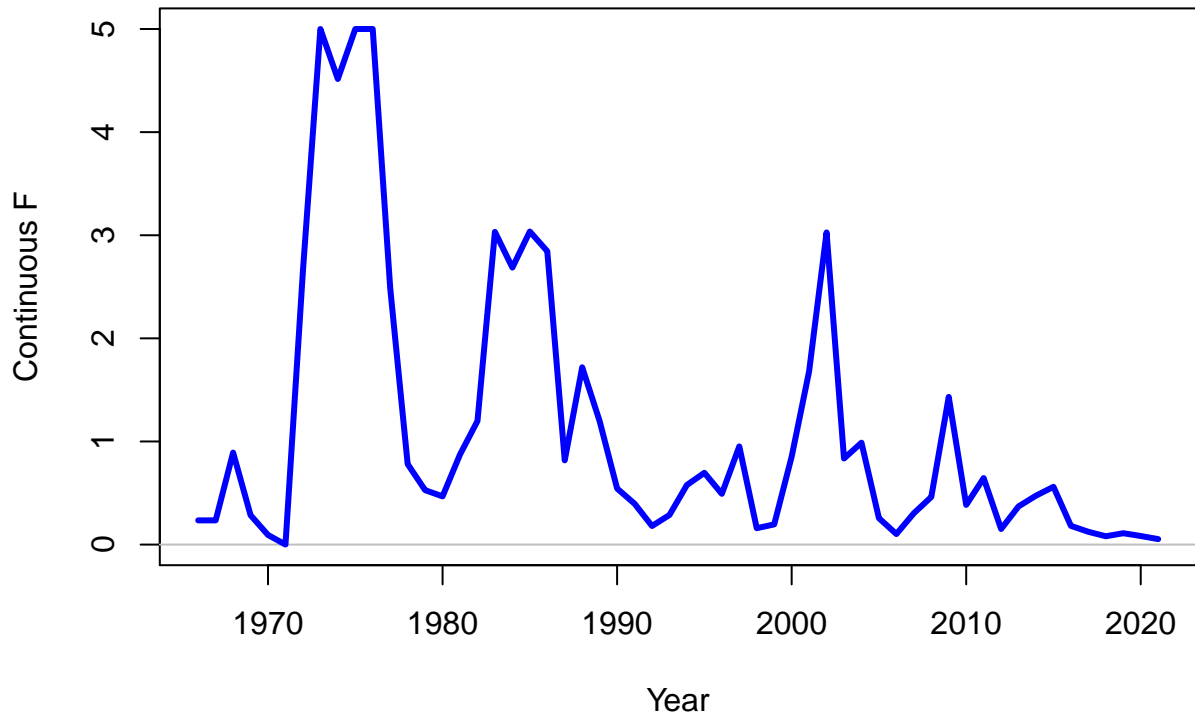


Landings (mt)

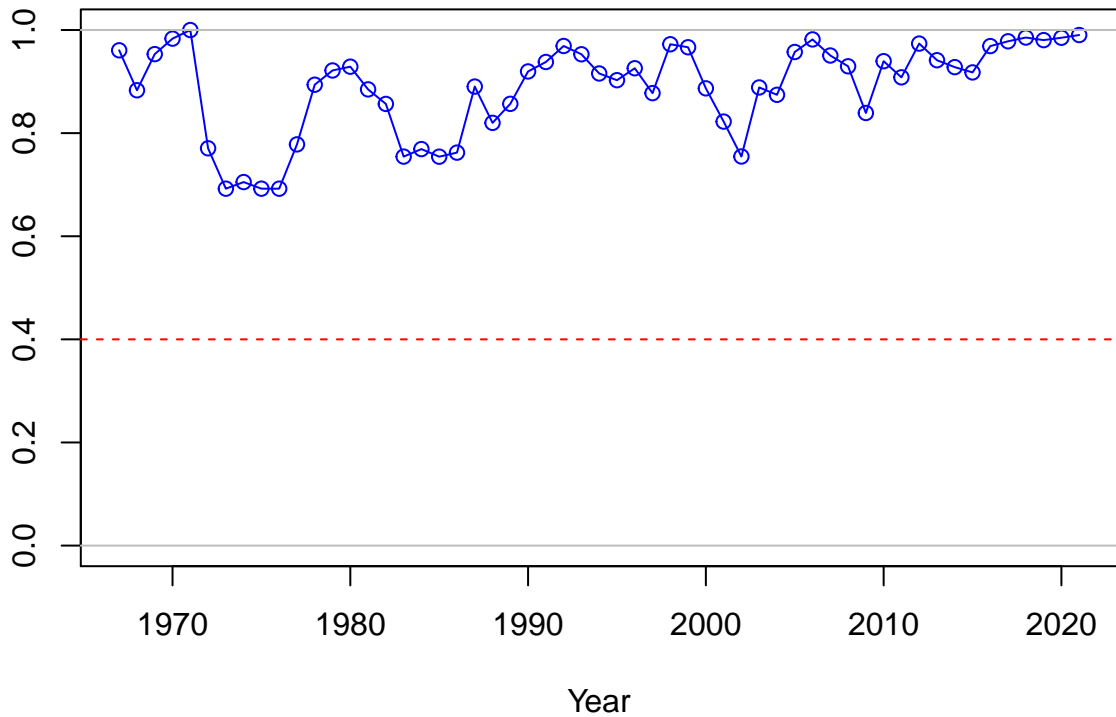




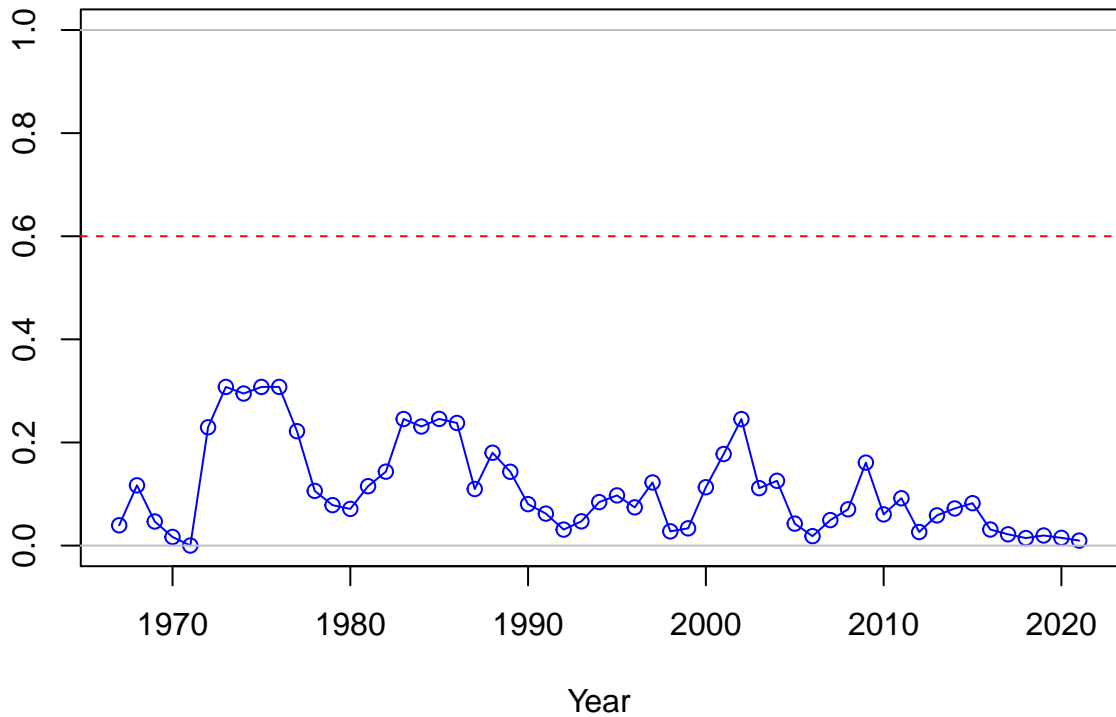




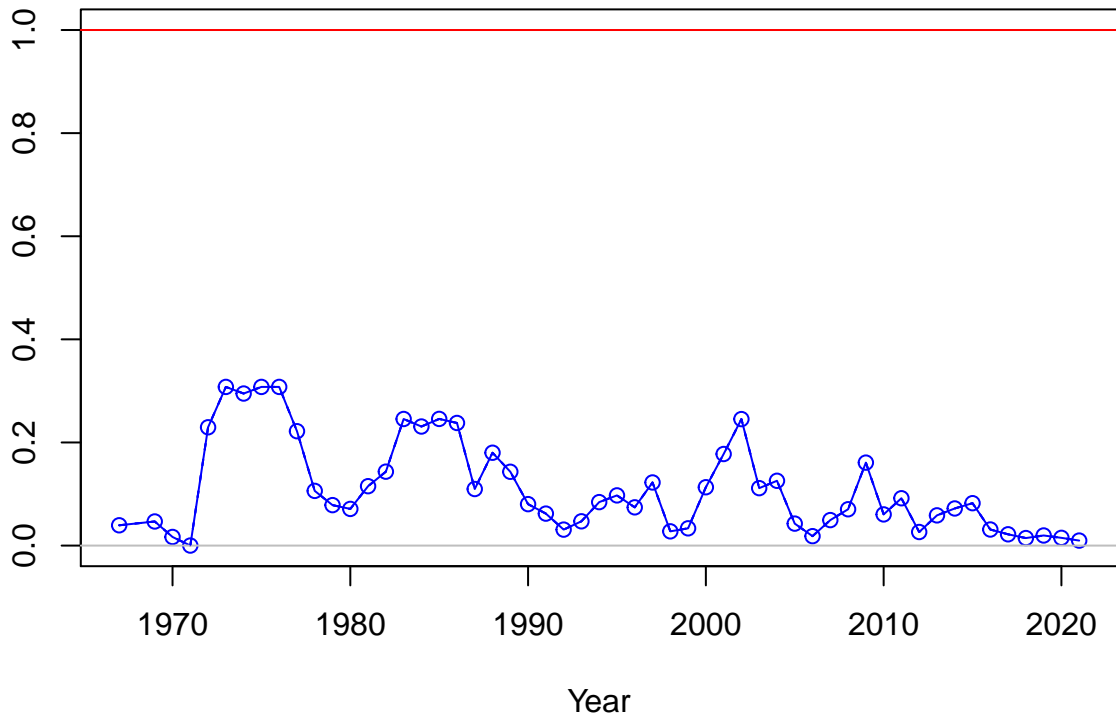
SPR



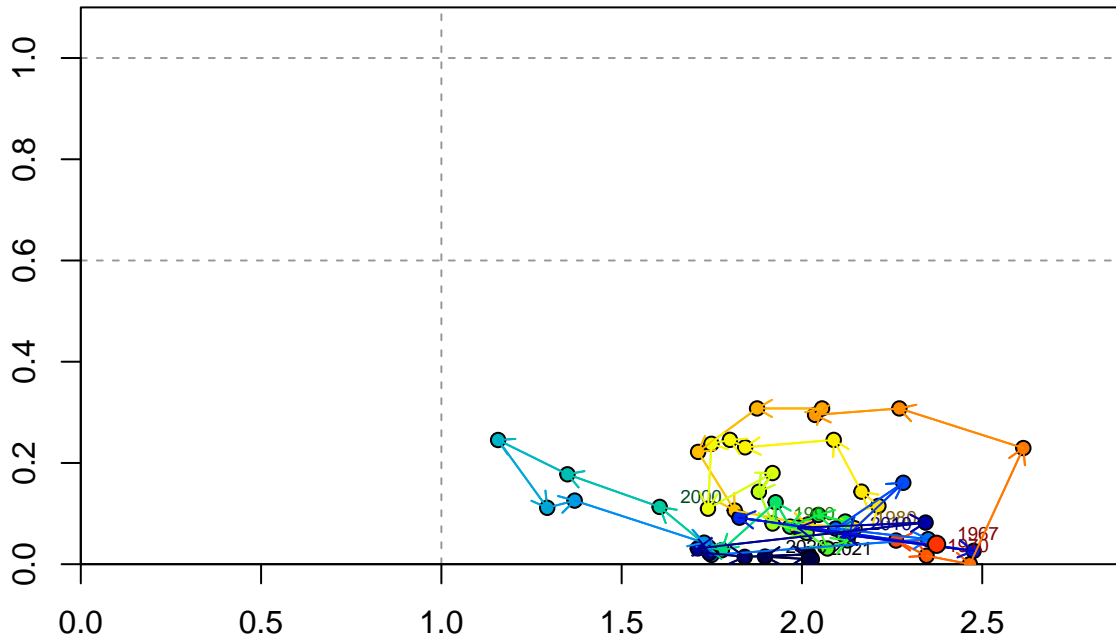
1-SPR



Fishing intensity: 1-SPR

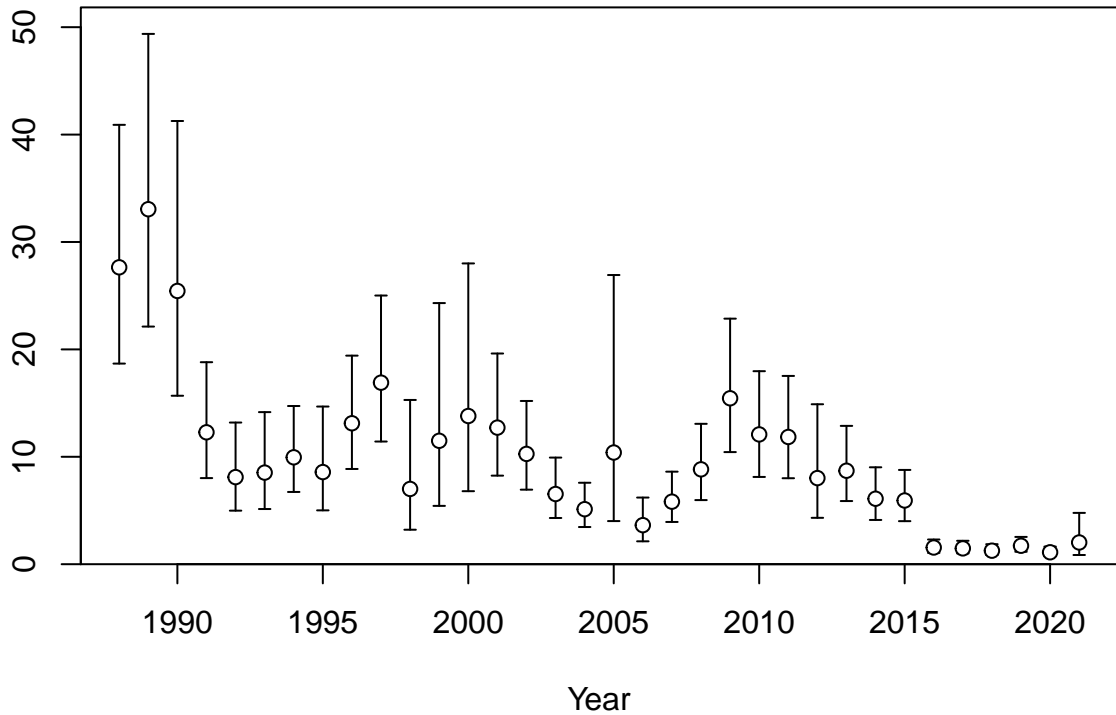


Fishing intensity: 1-SPR

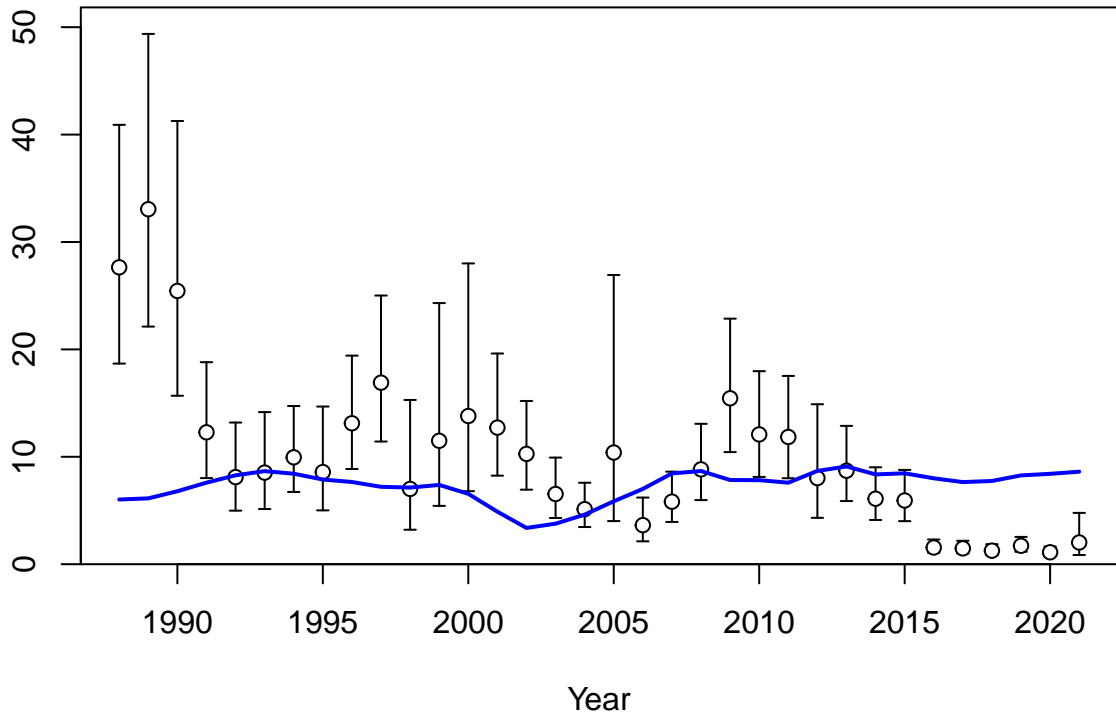


Relative spawning output:  $B/B_{MSY}$

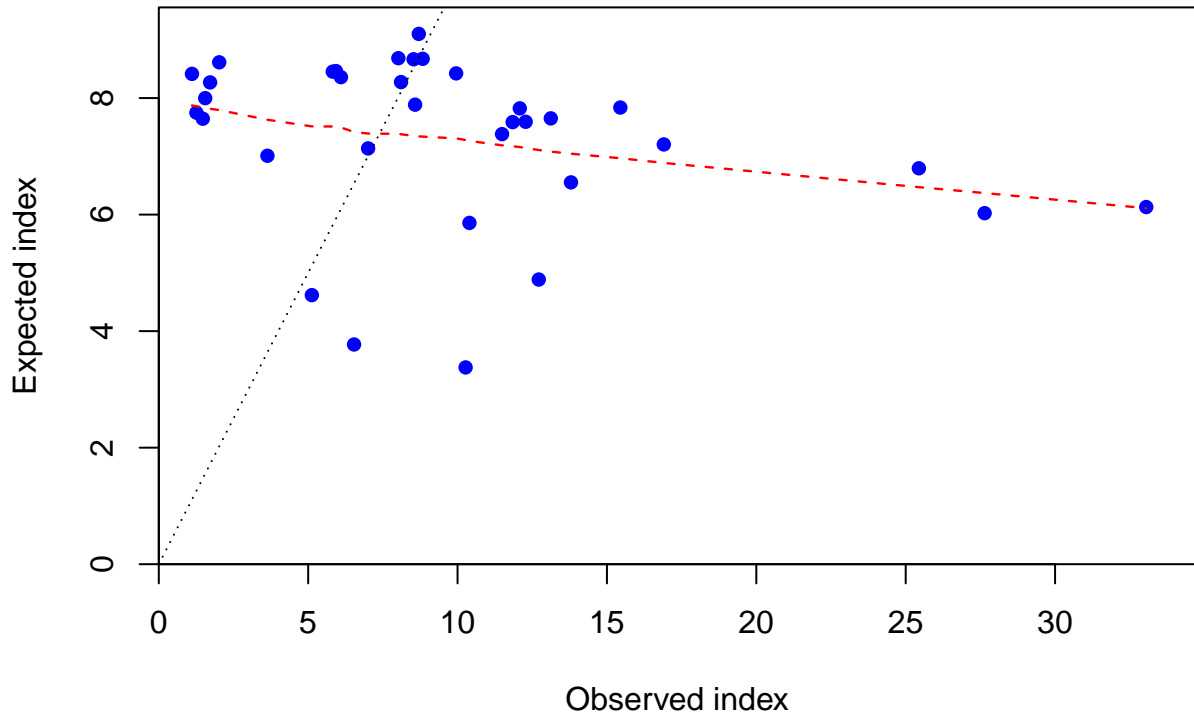
Index



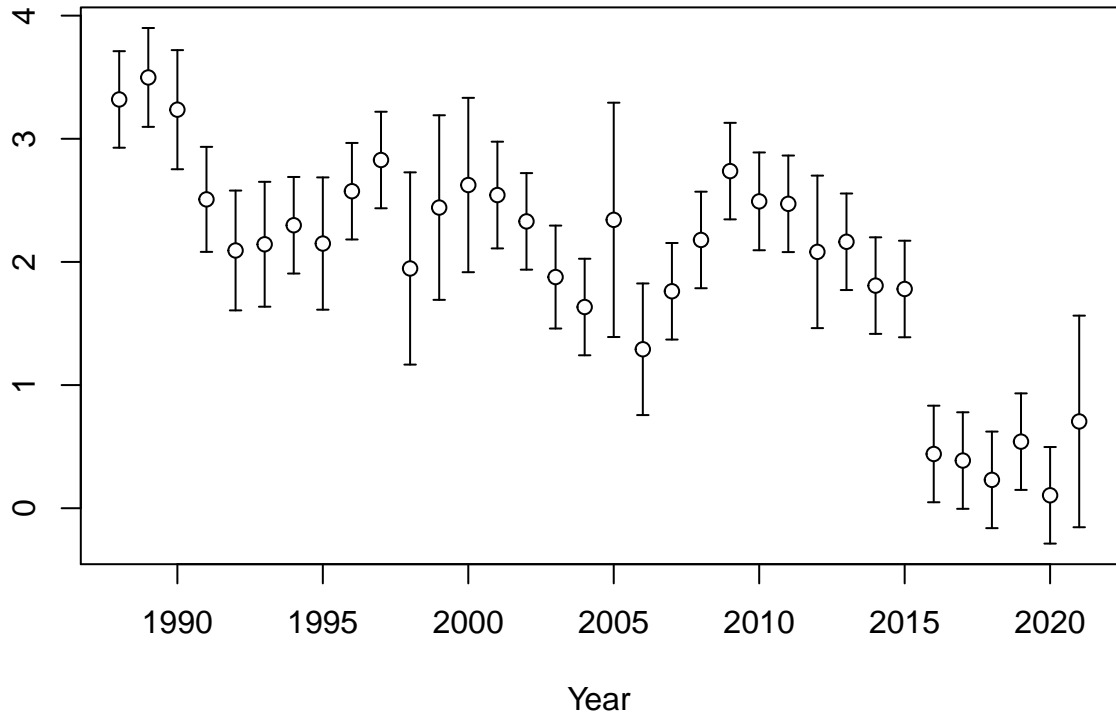
Index



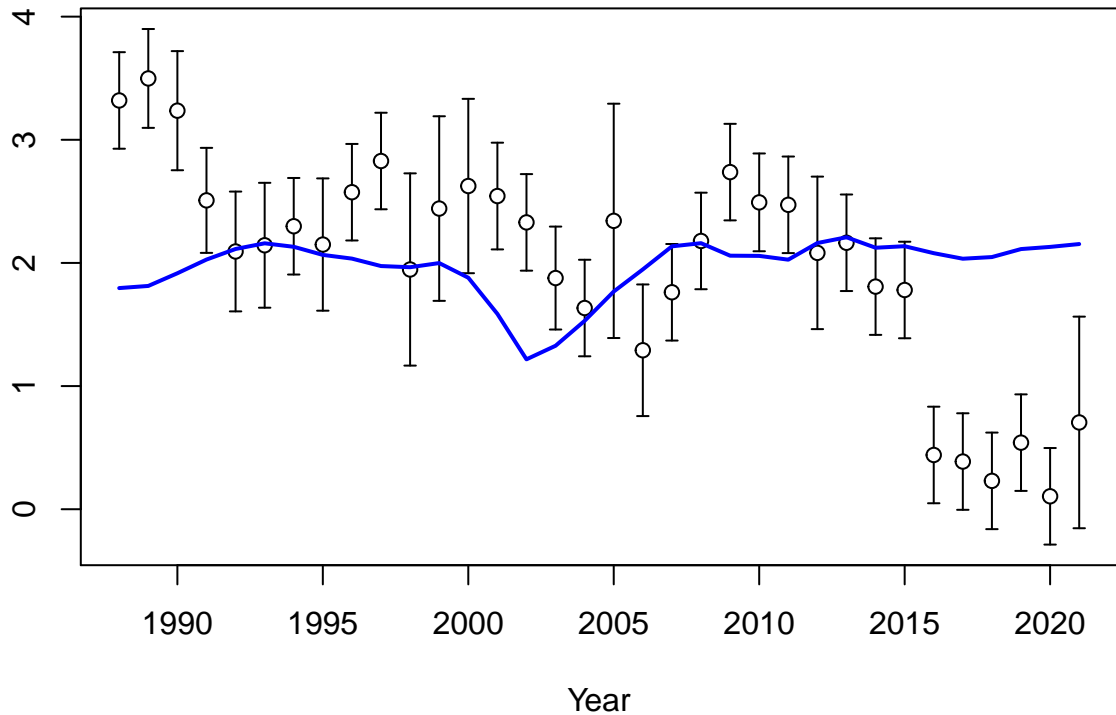


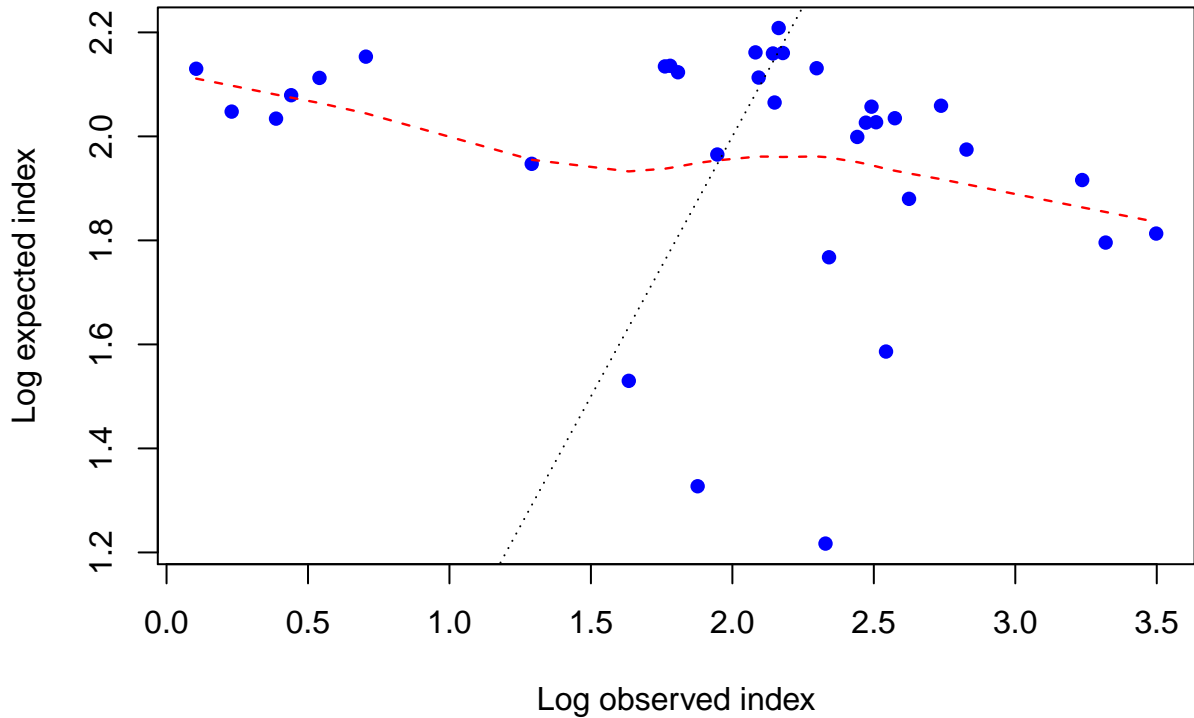


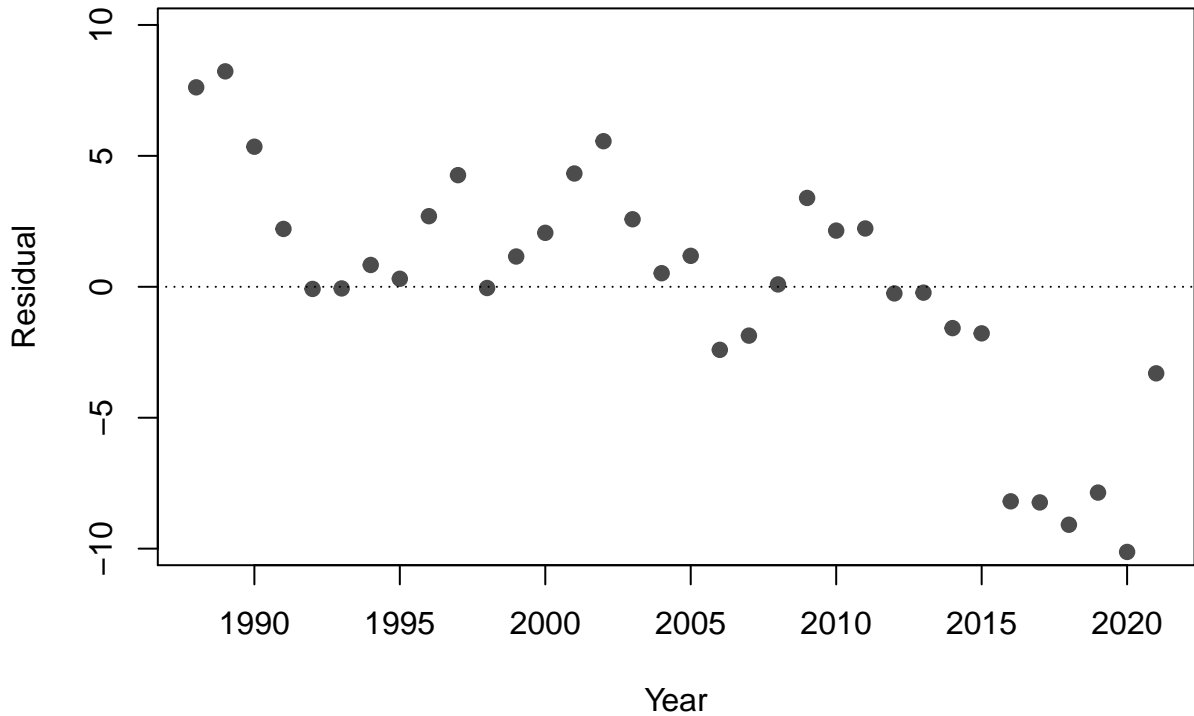
Log index

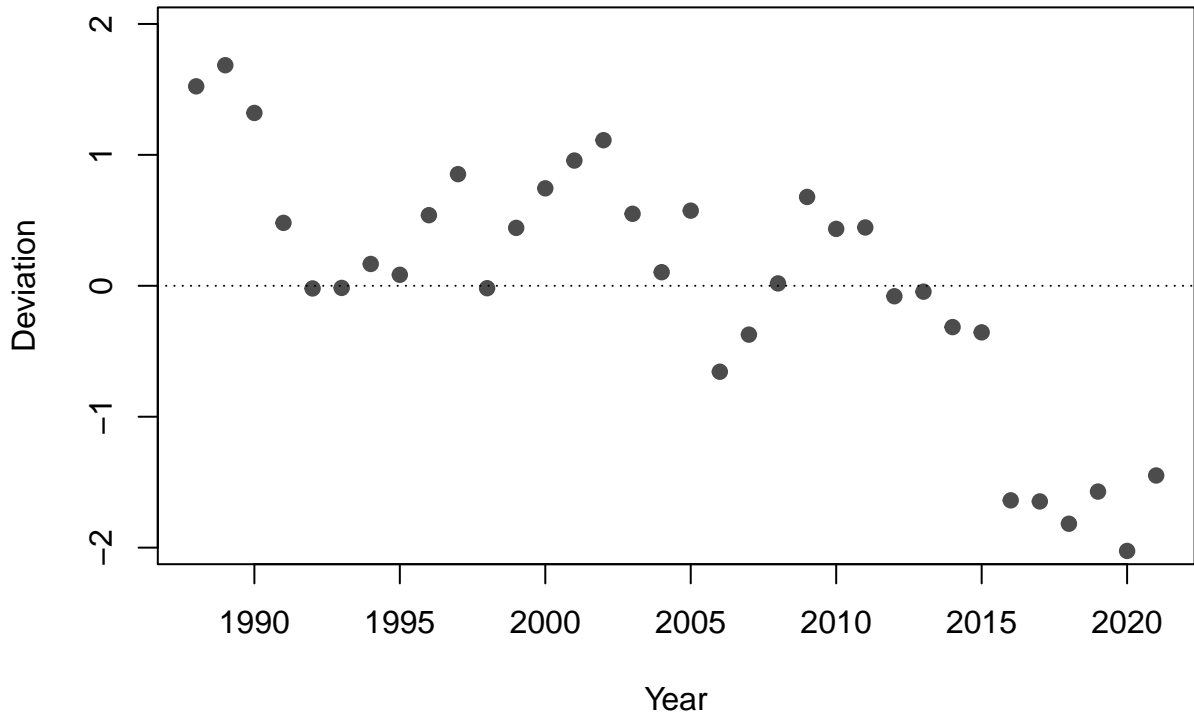


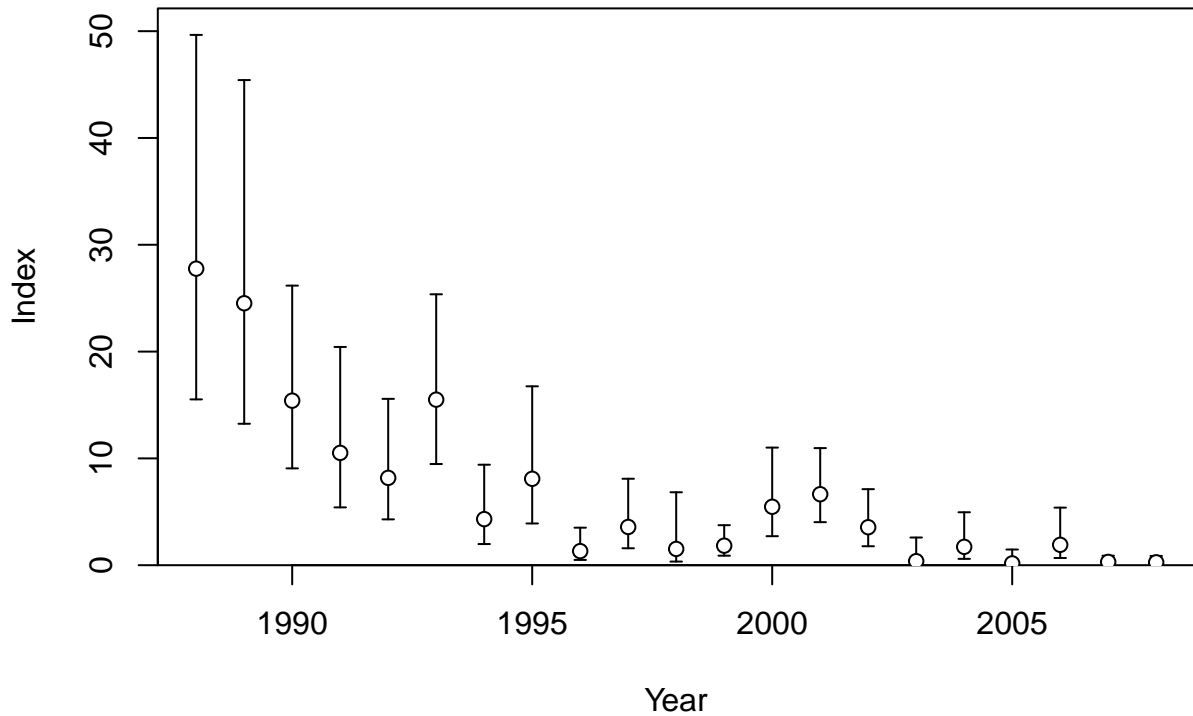
Log index

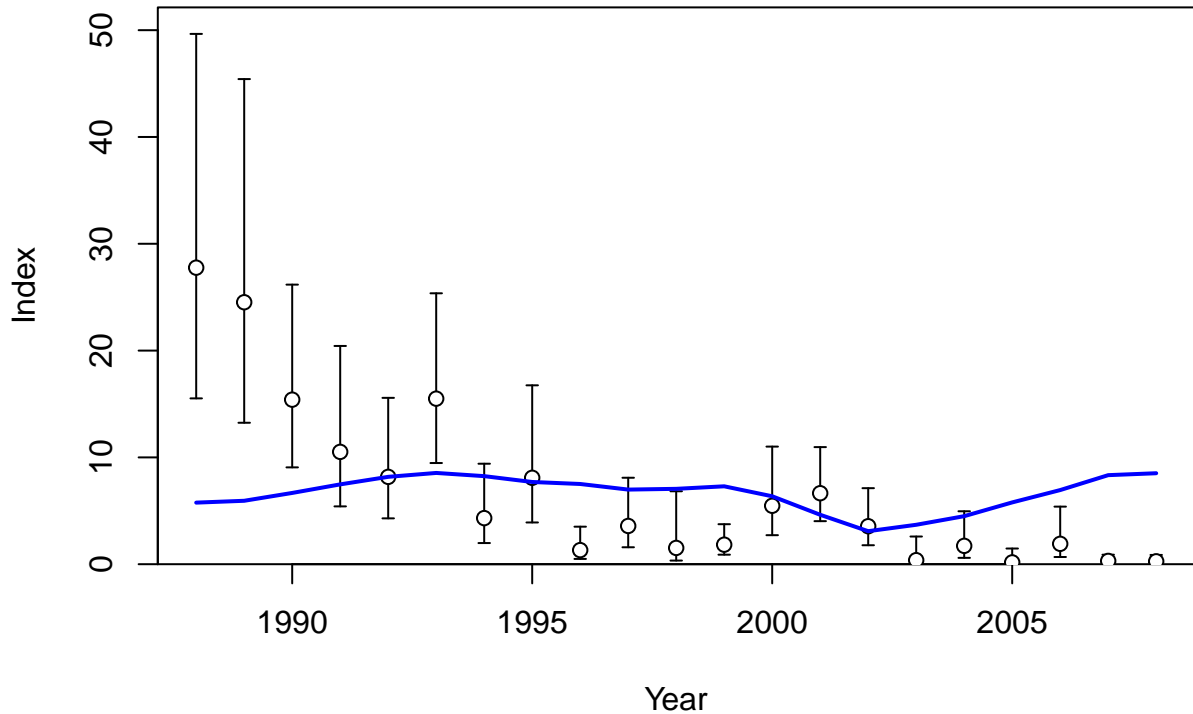




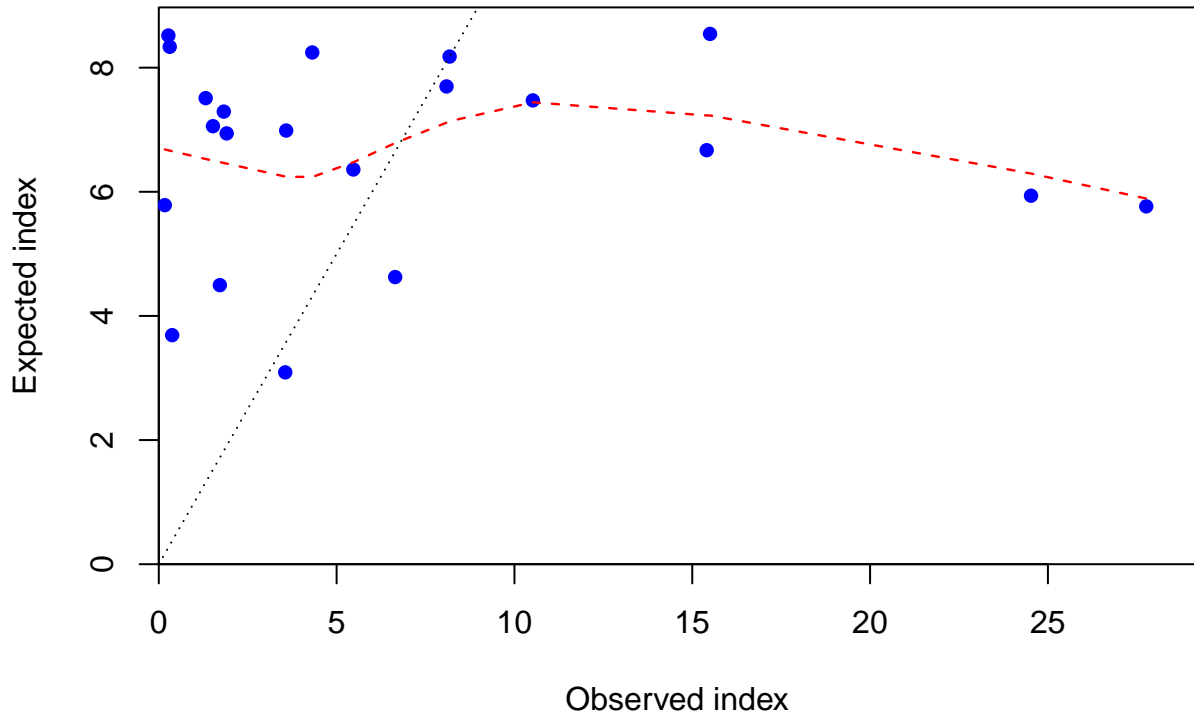


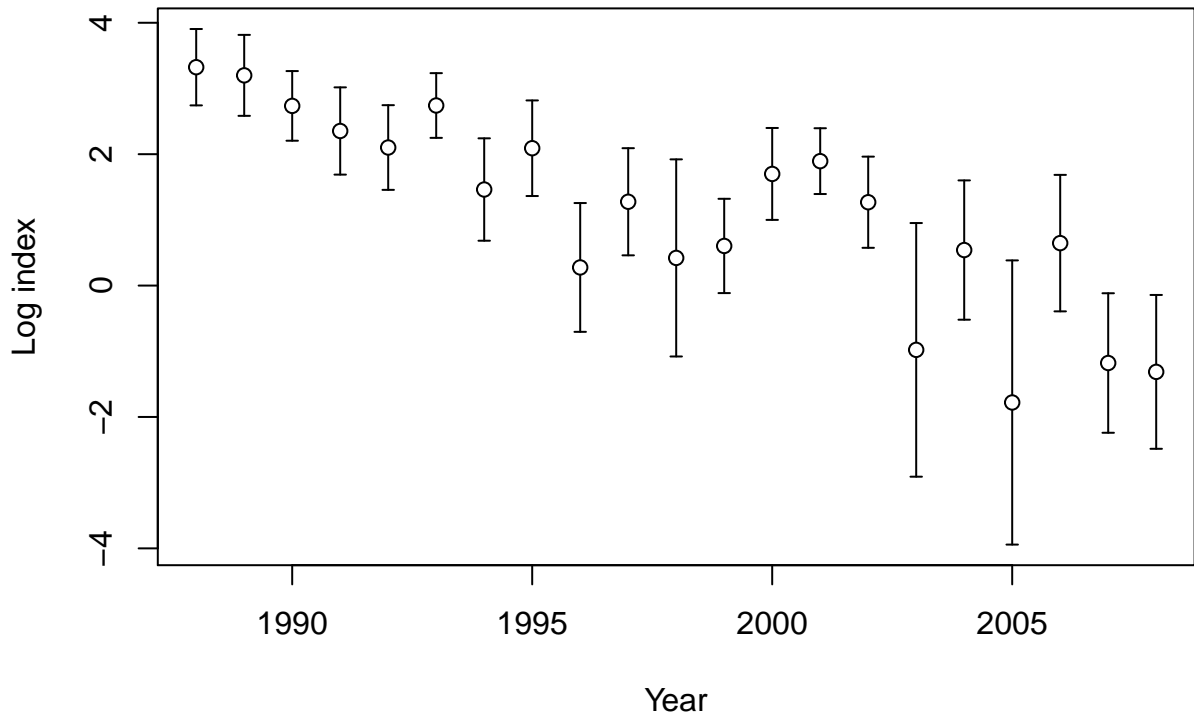


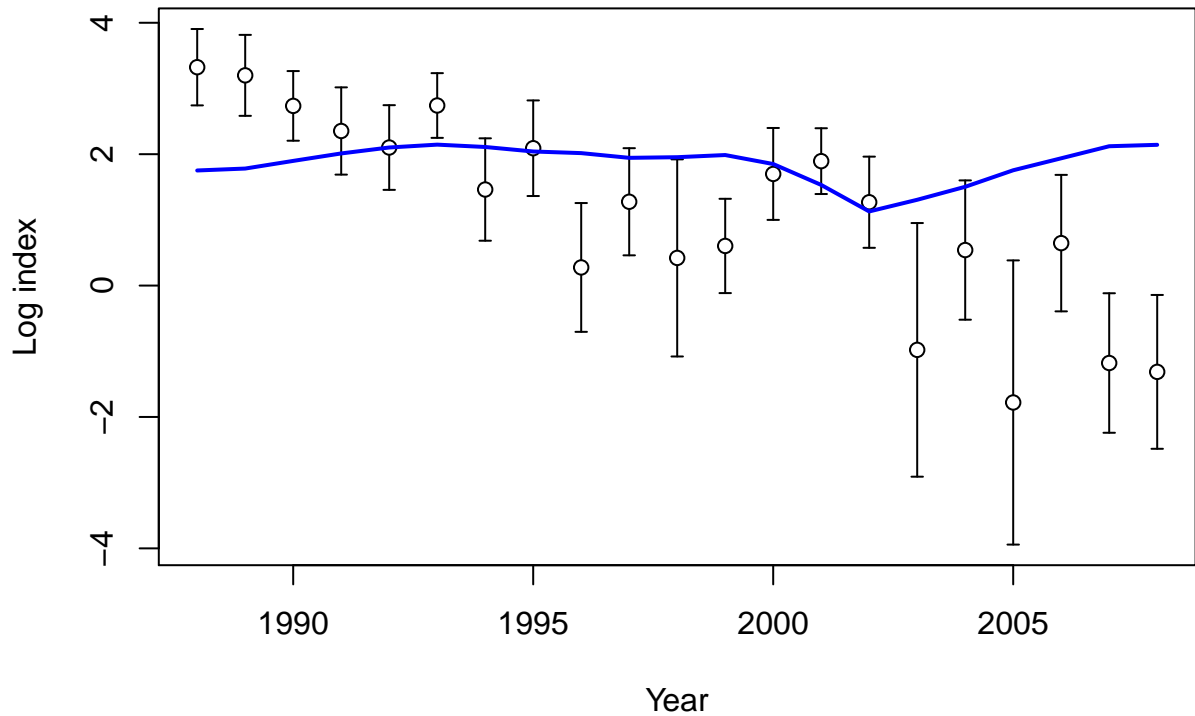


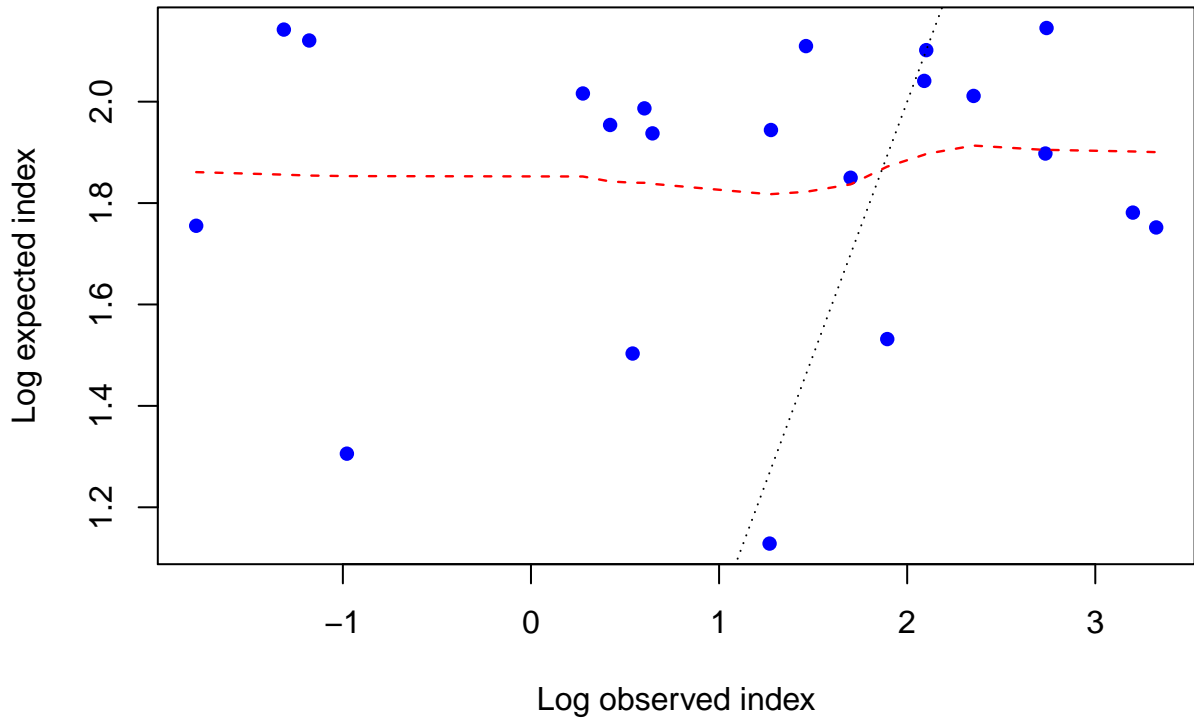


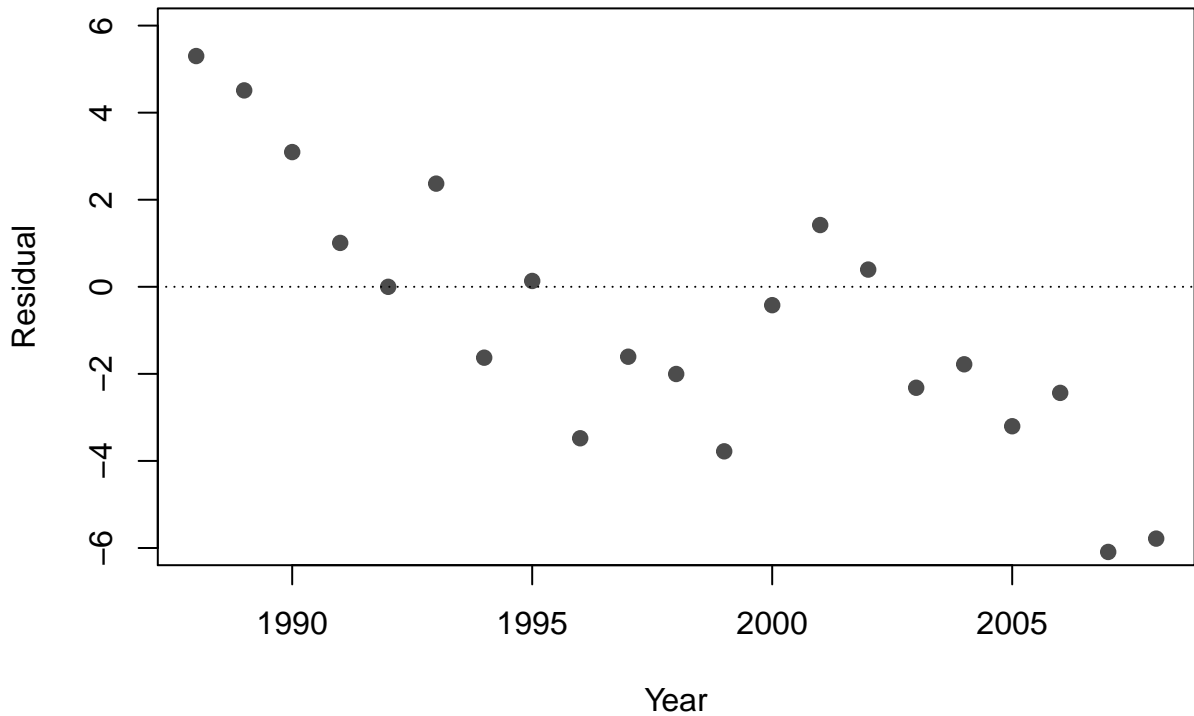


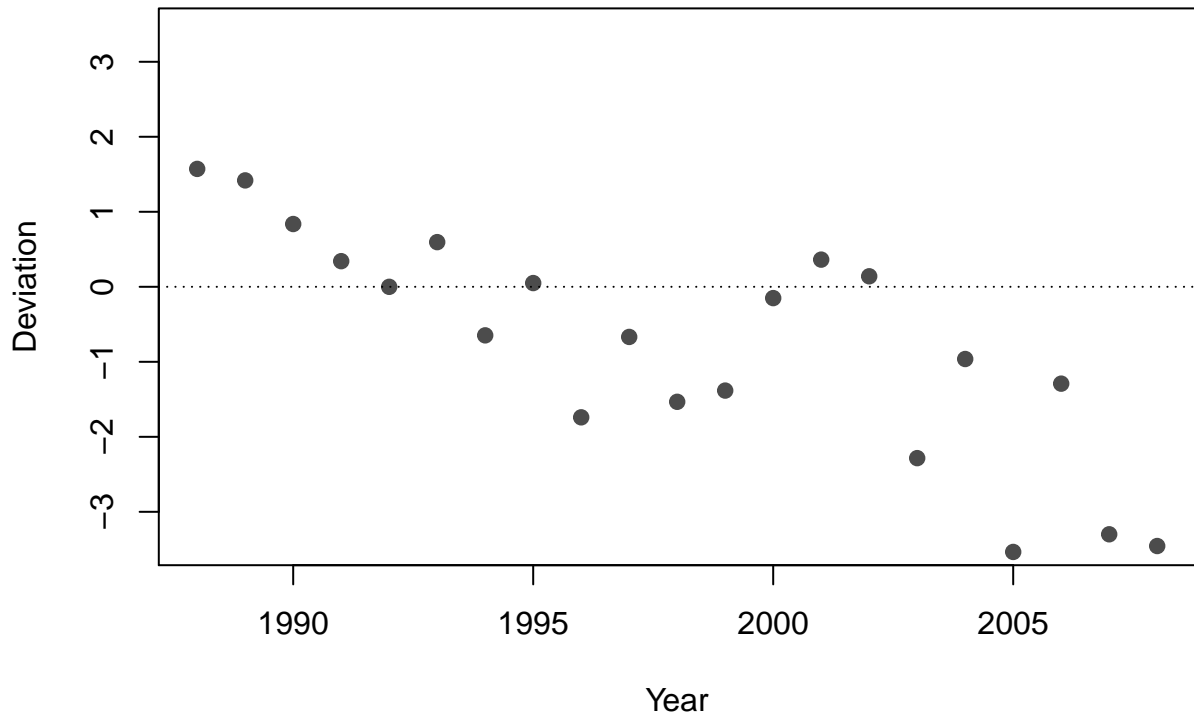




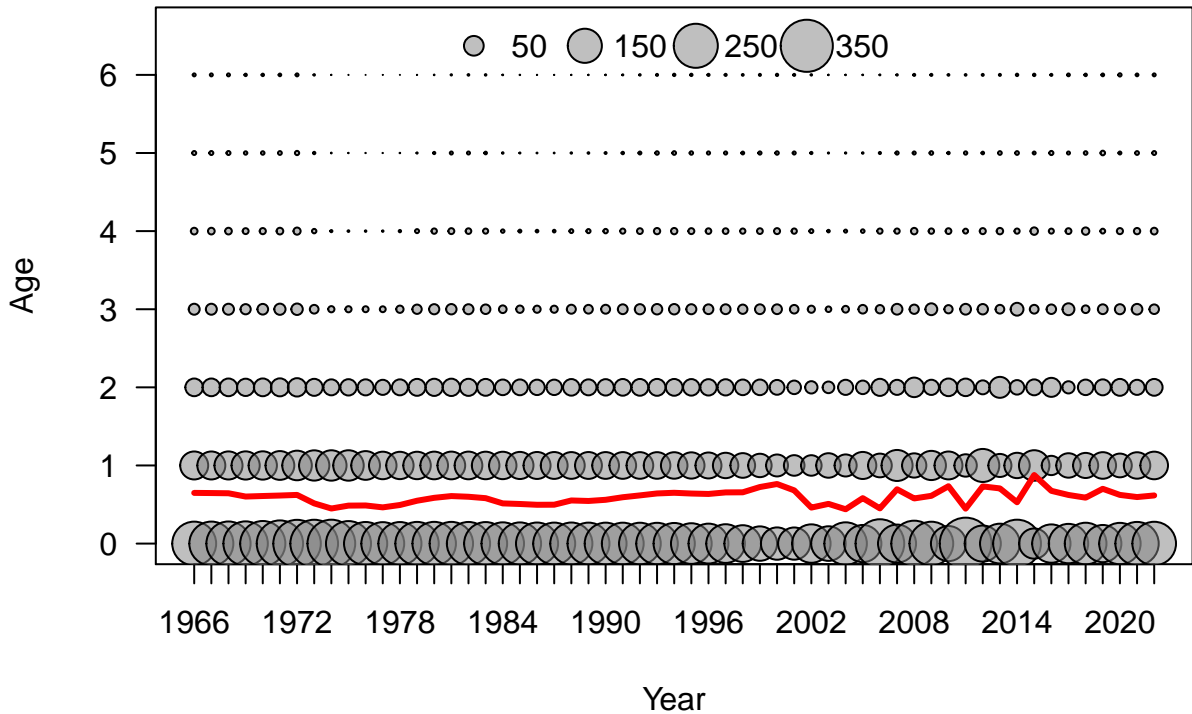






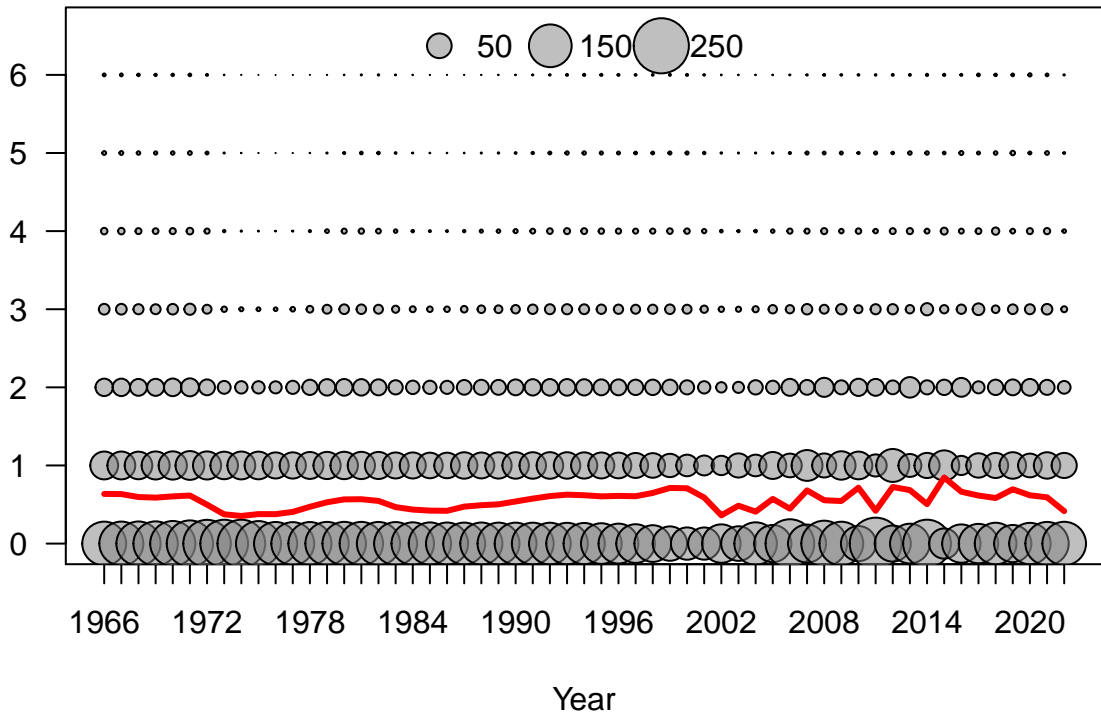


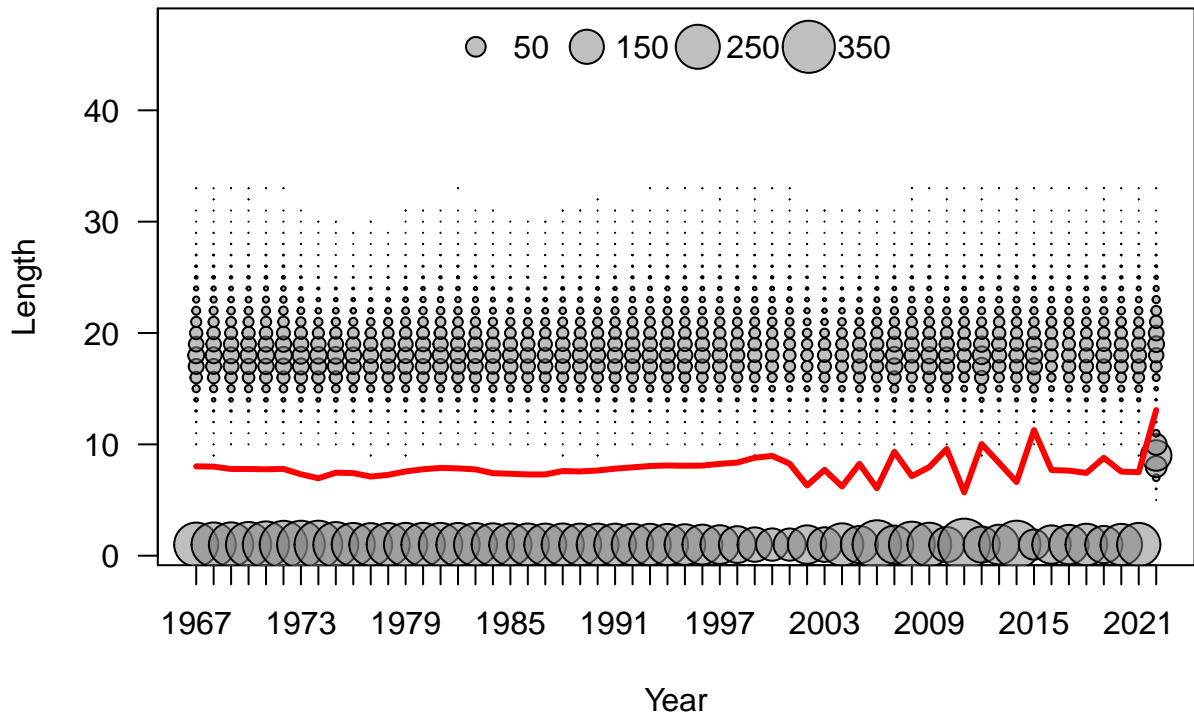


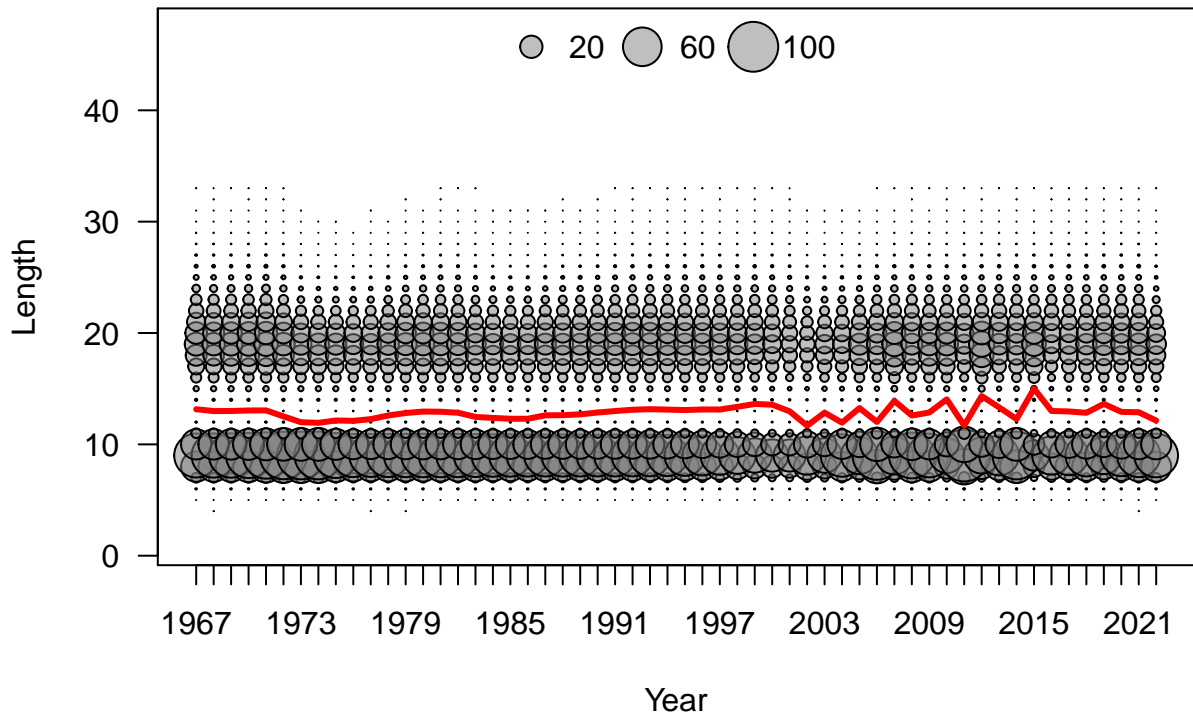


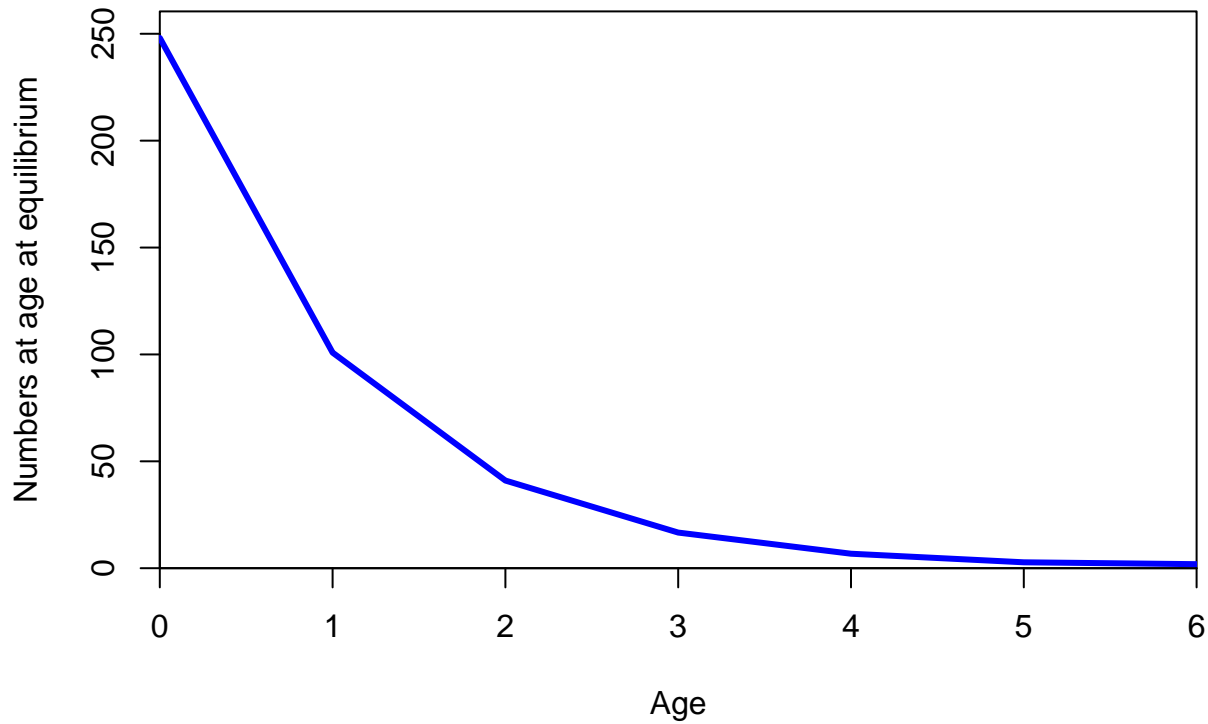


Age



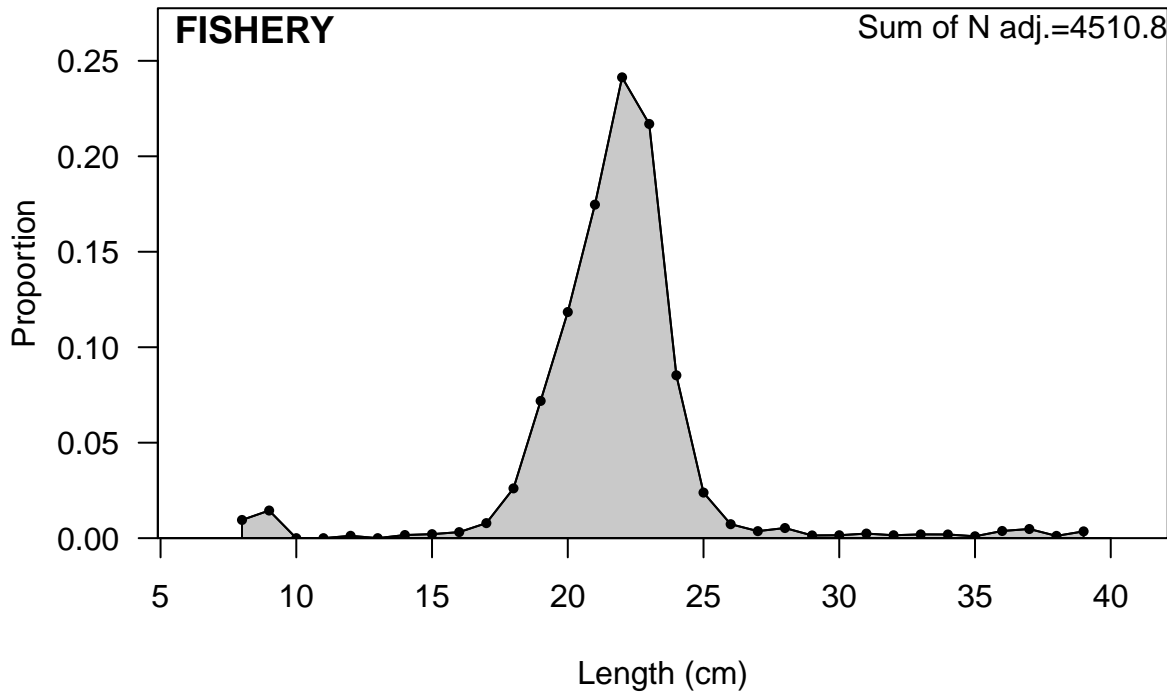


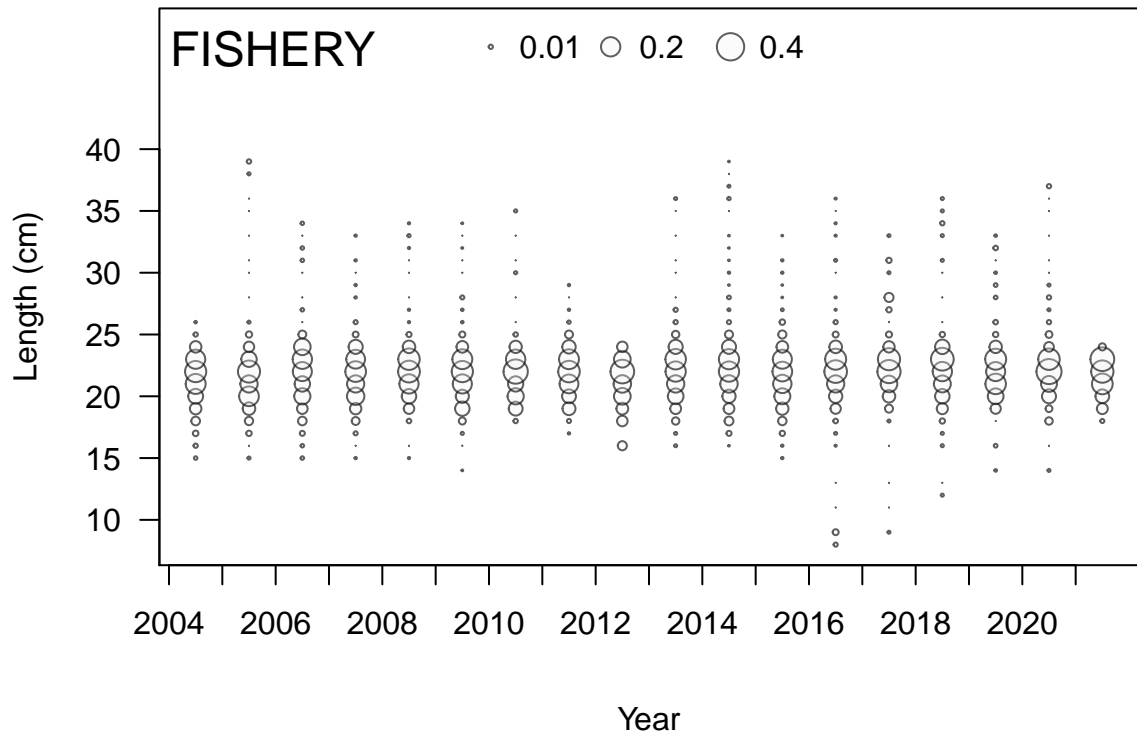


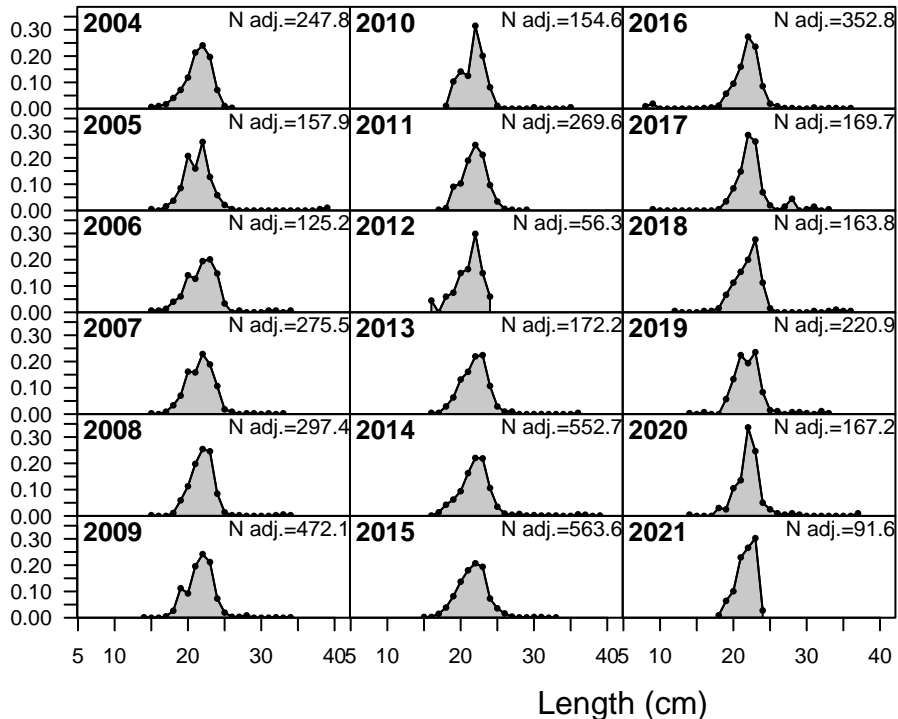


# FISHERY

Sum of N adj.=4510.8



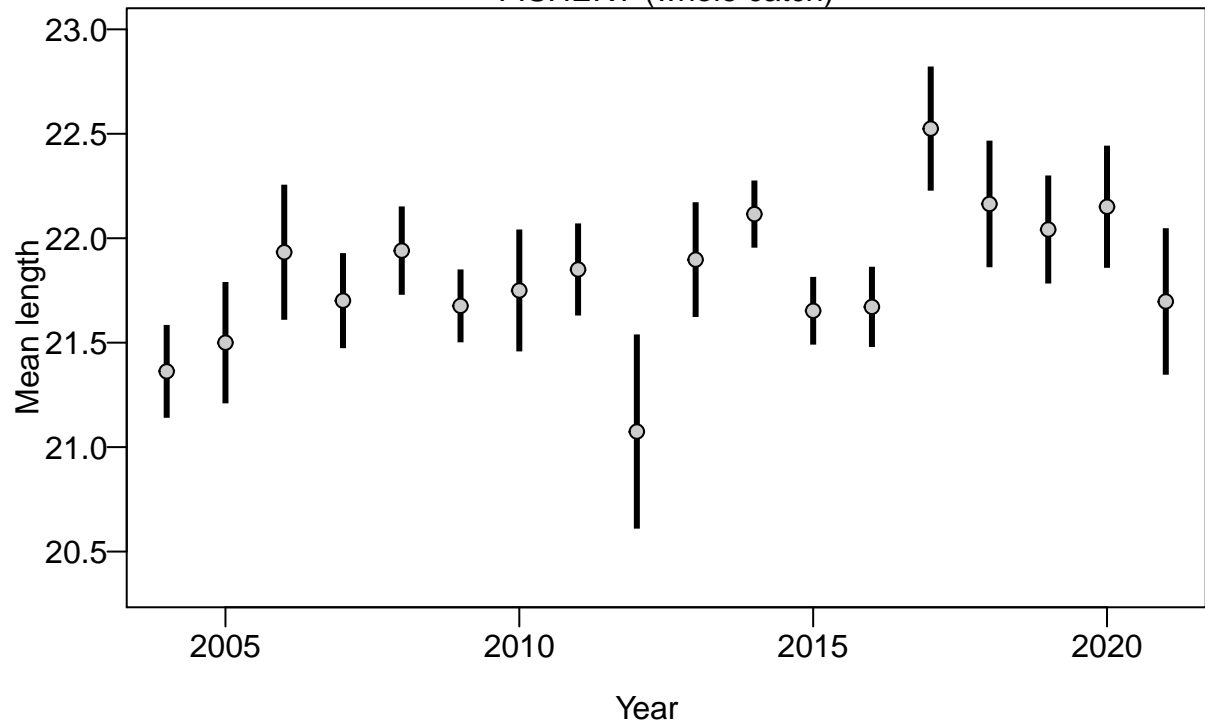






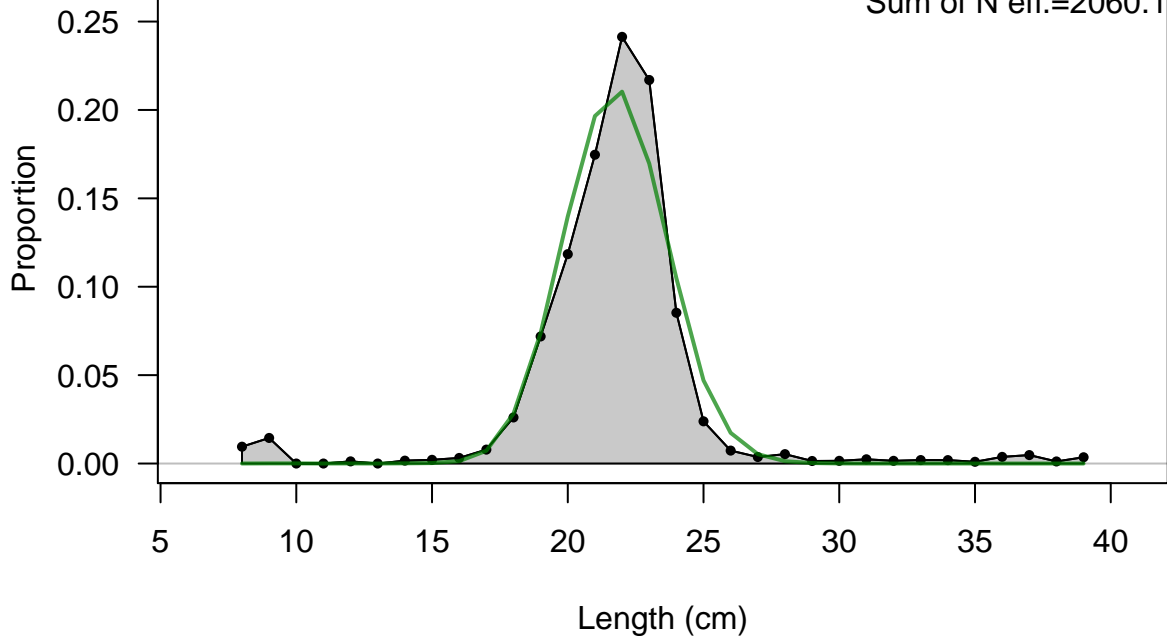


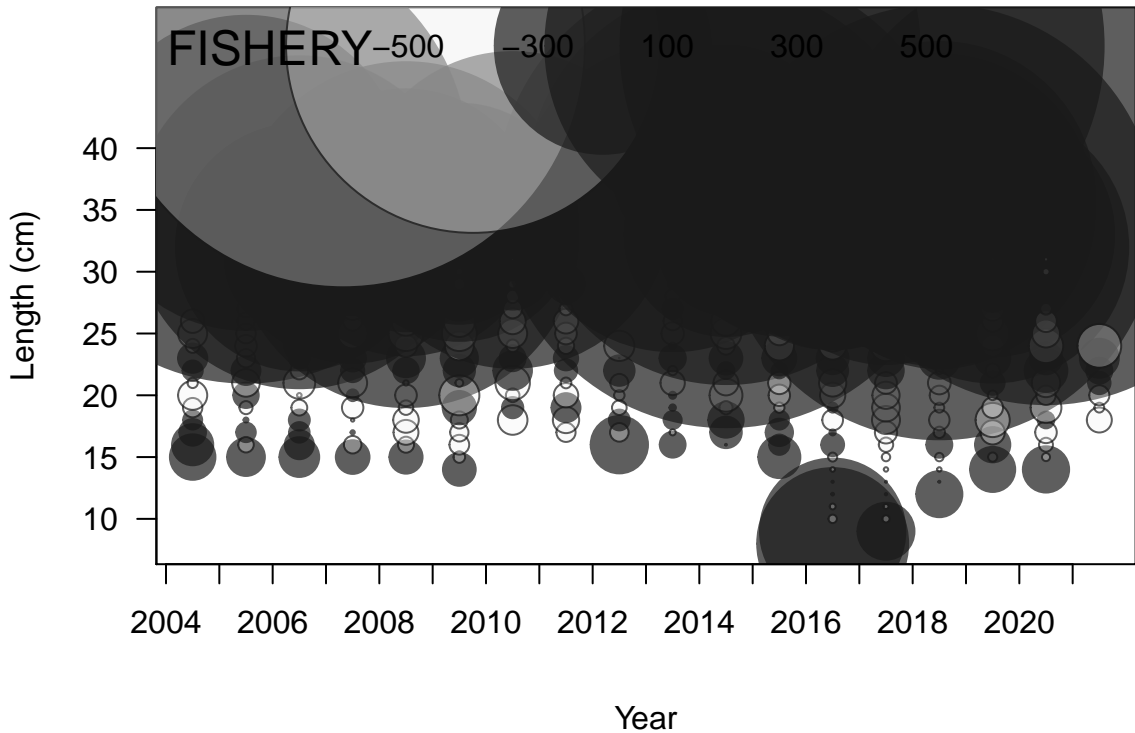
FISHERY (whole catch)

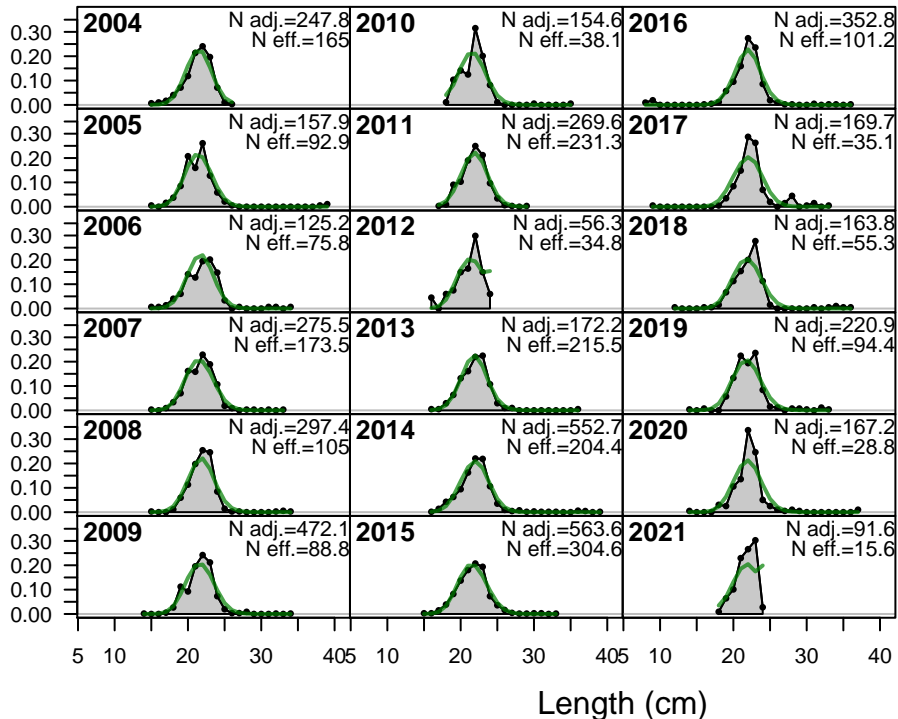


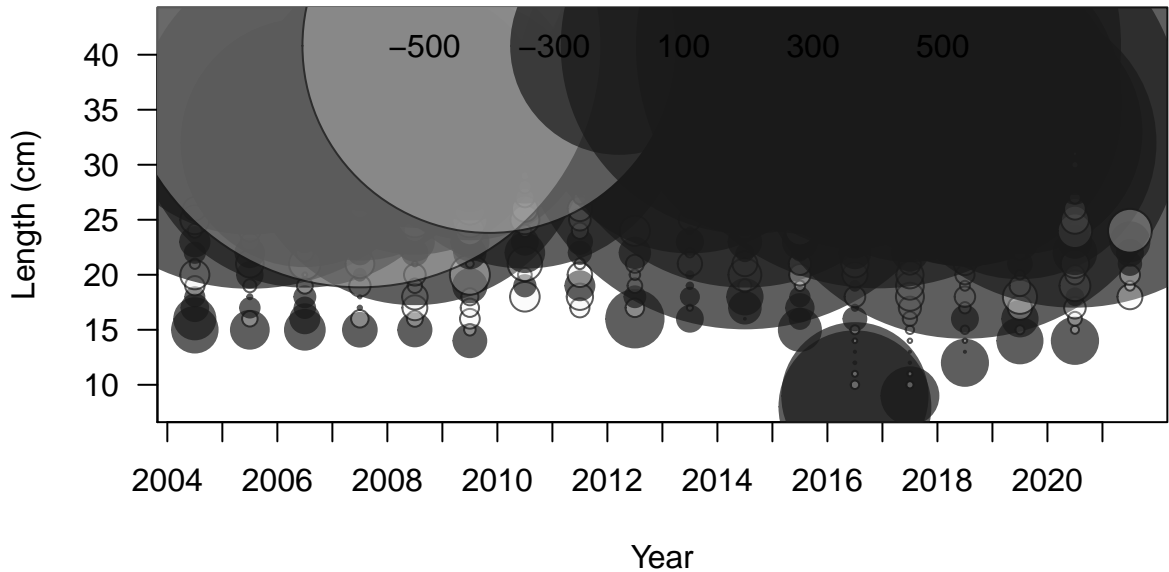
# FISHERY

Sum of N adj.=4510.8  
Sum of N eff.=2060.1

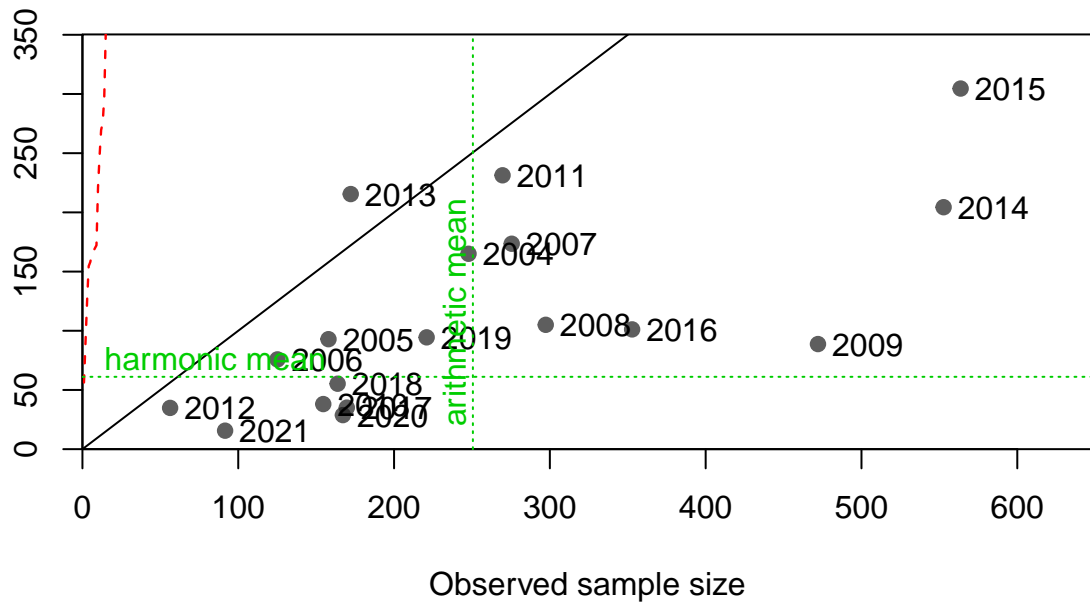




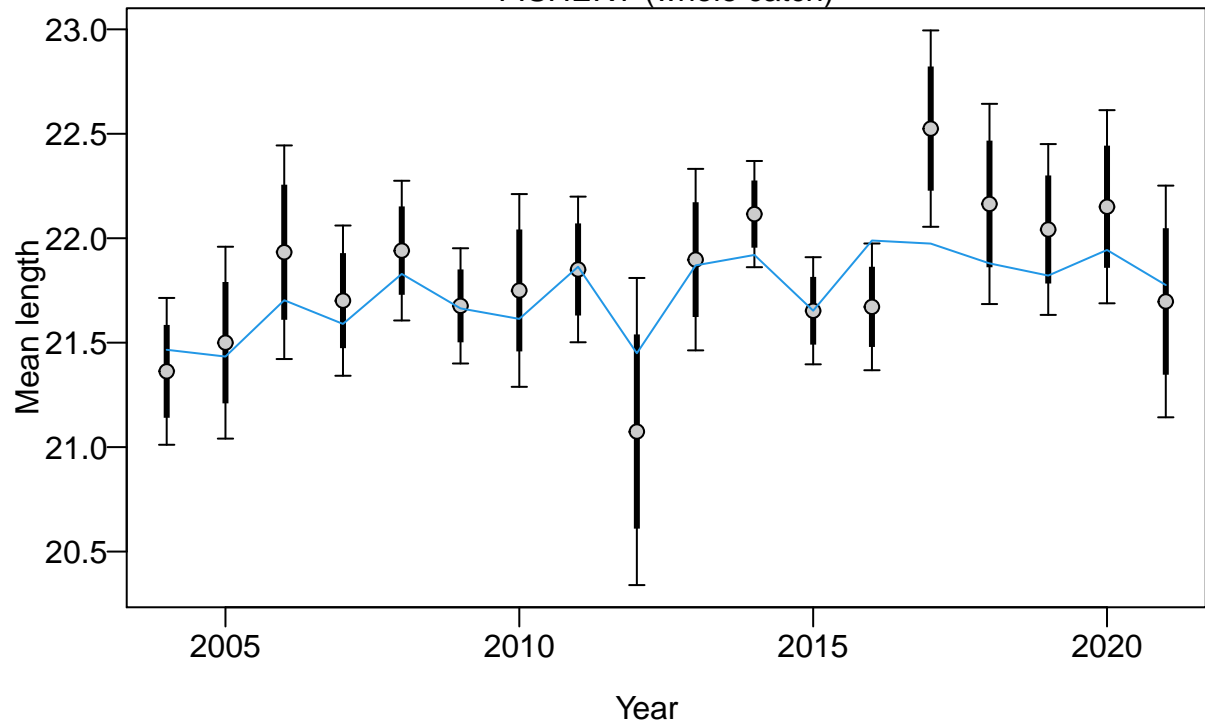


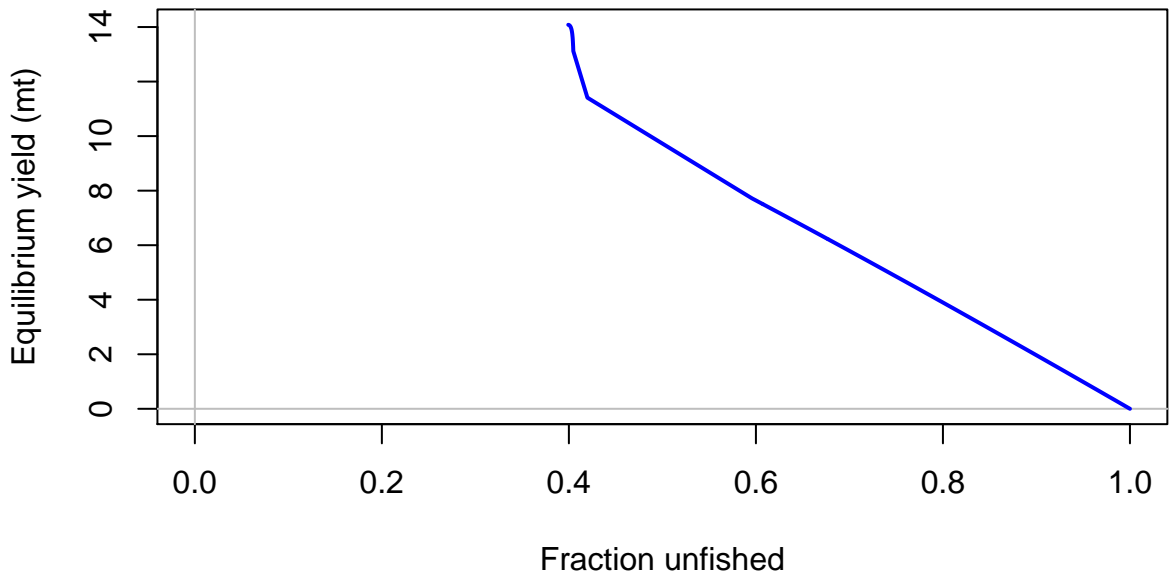


Effective sample size

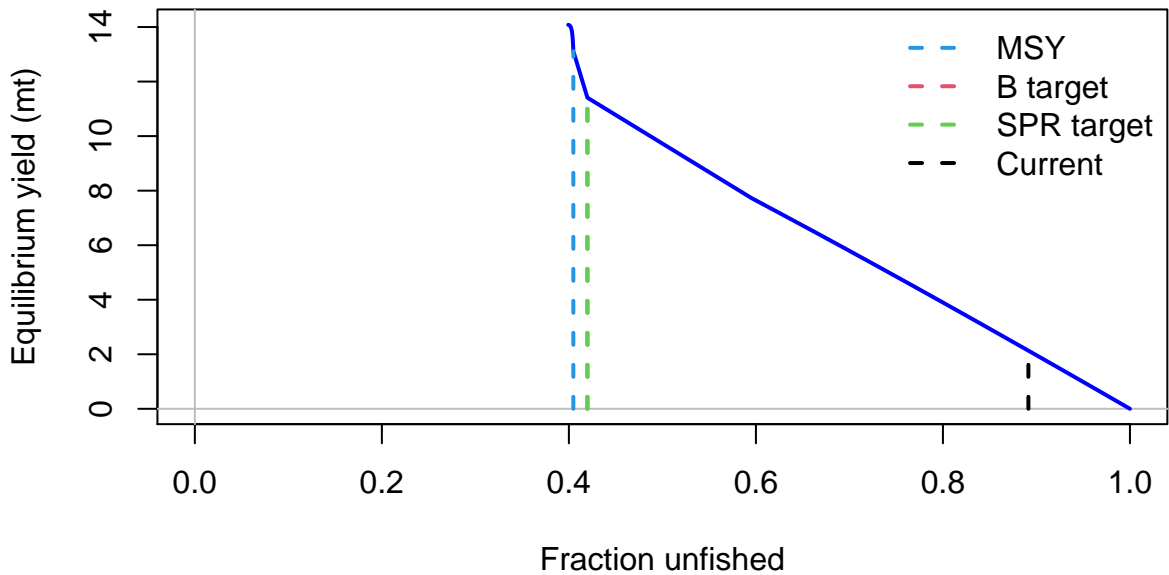


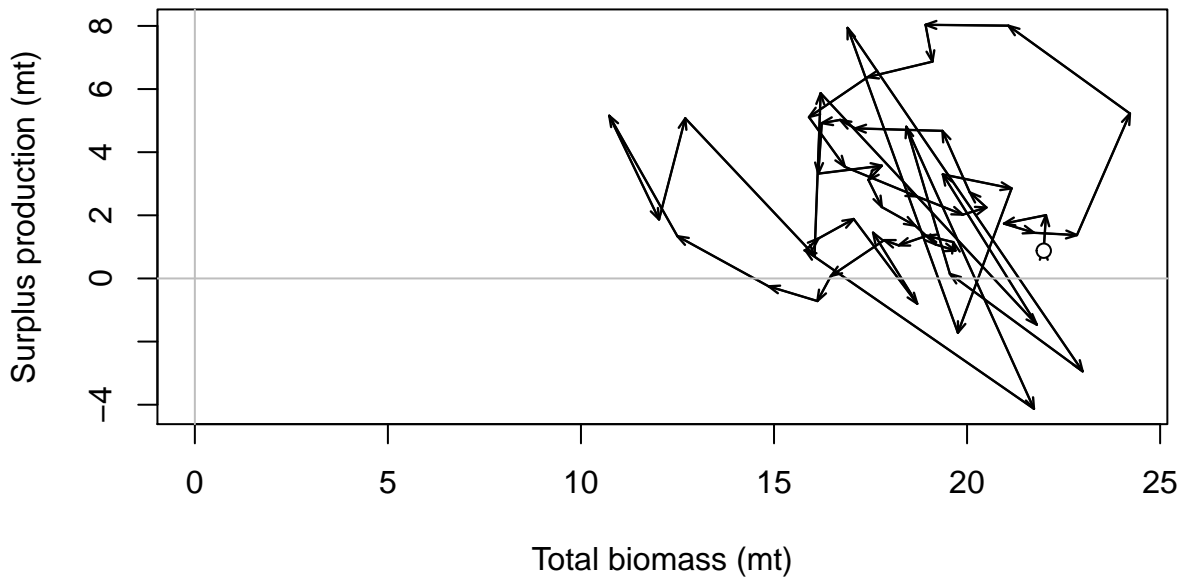
FISHERY (whole catch)

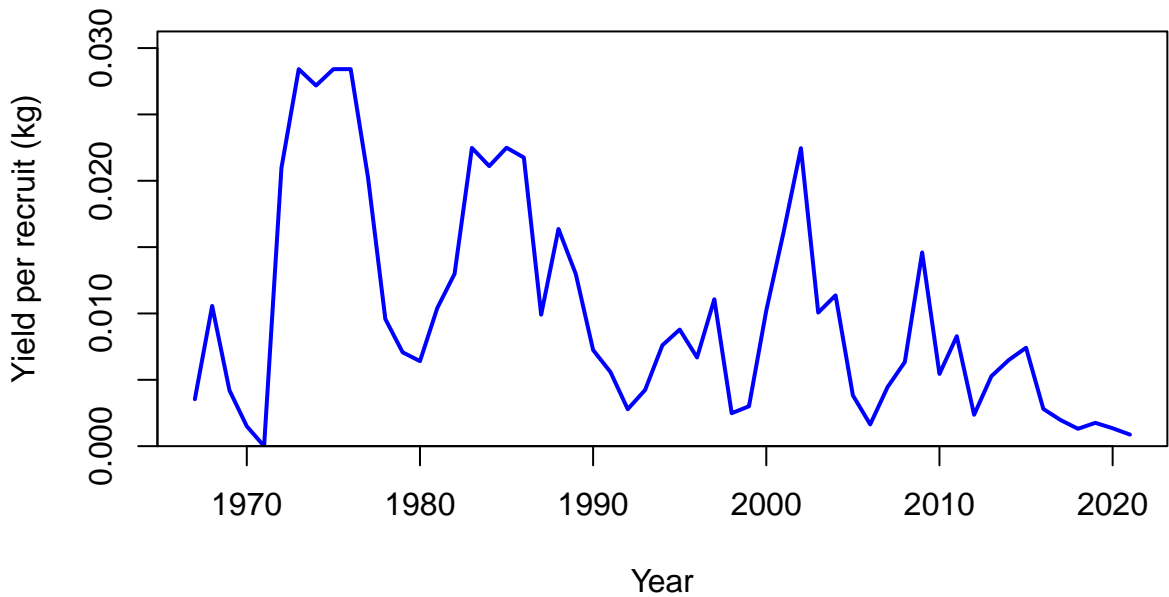




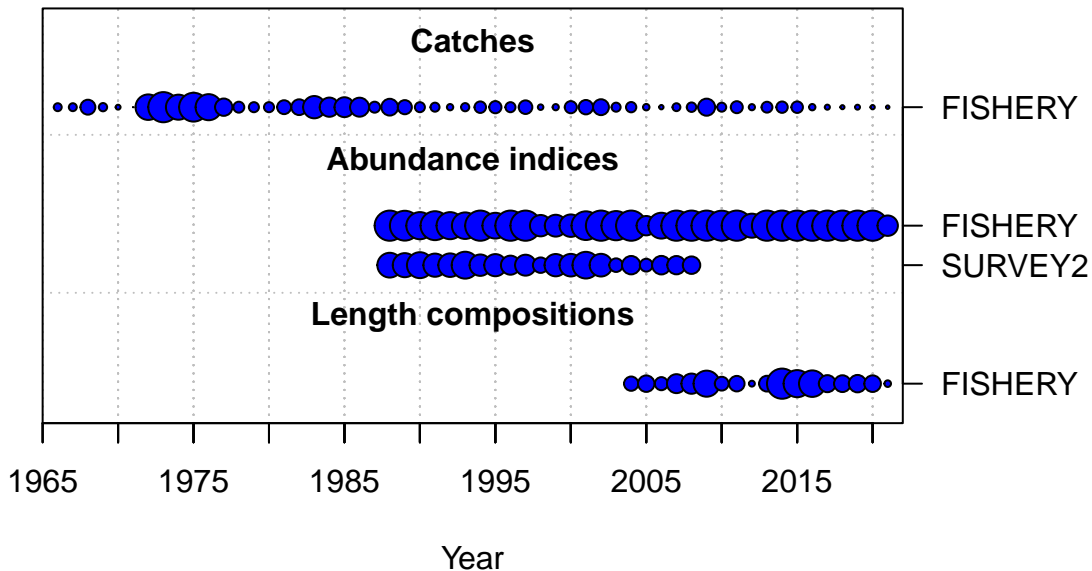






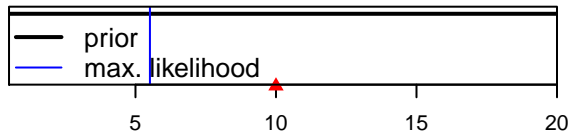




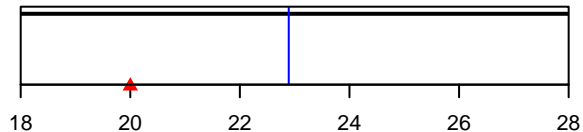


Density

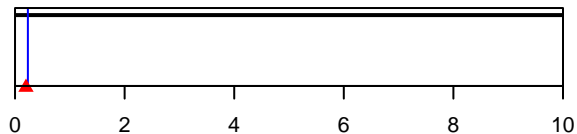
SR\_LN(R0)



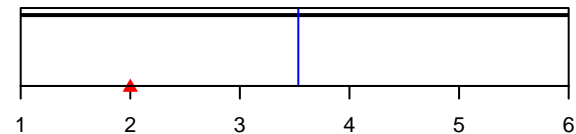
Size\_inflection\_FISHERY(1)



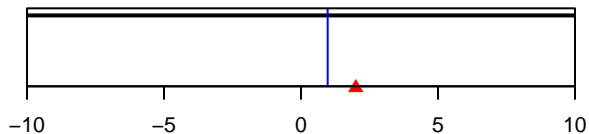
InitF\_seas\_1\_flt\_1FISHERY



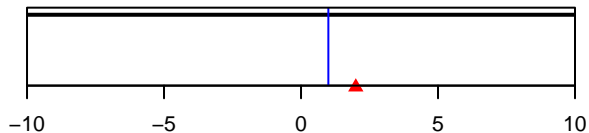
Size\_95%width\_FISHERY(1)



LnQ\_base\_FISHERY(1)



LnQ\_base\_SURVEY2(2)



Parameter value