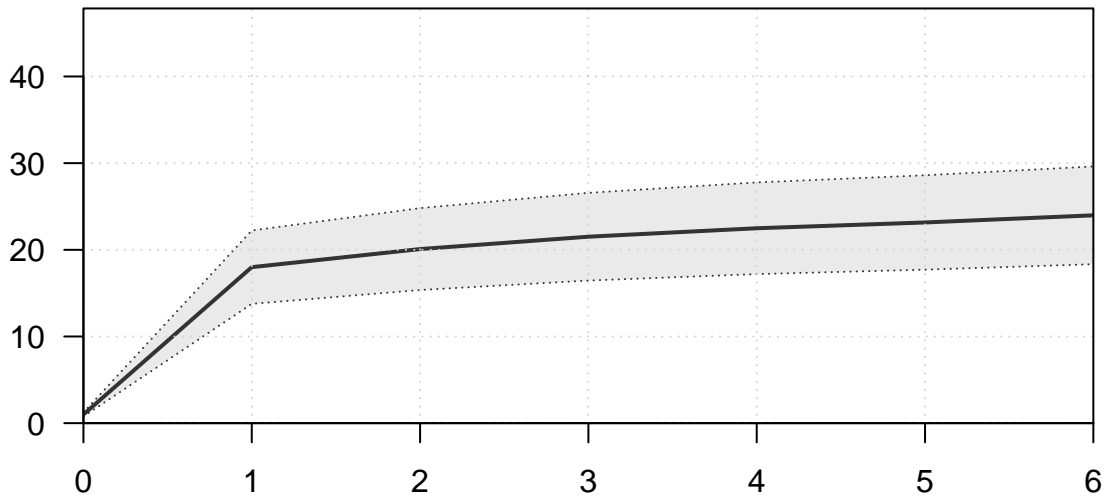
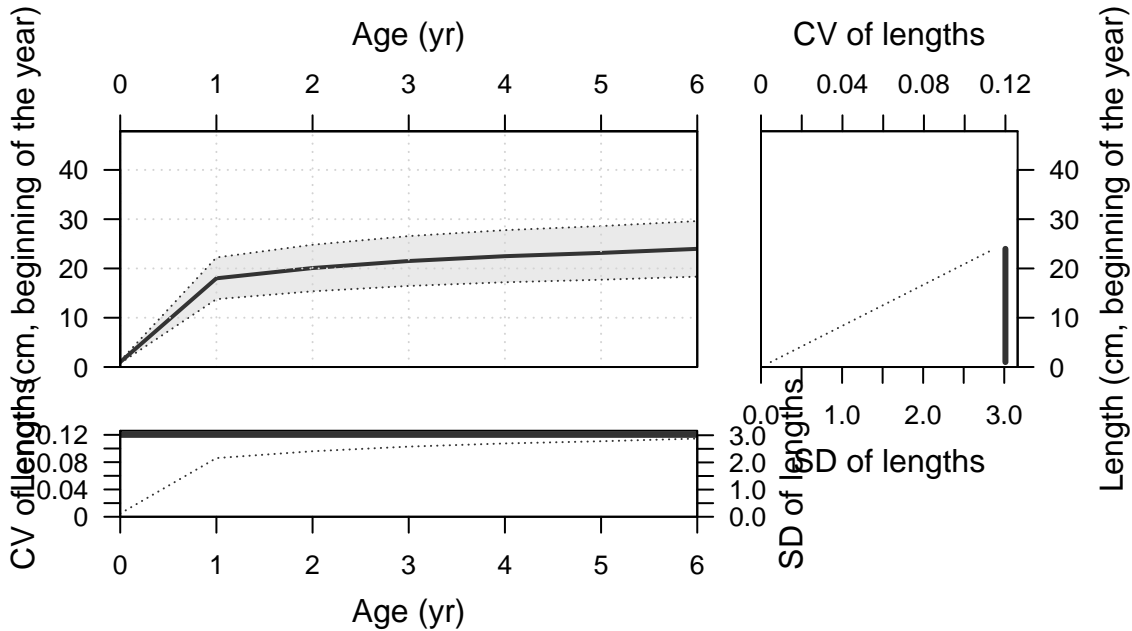


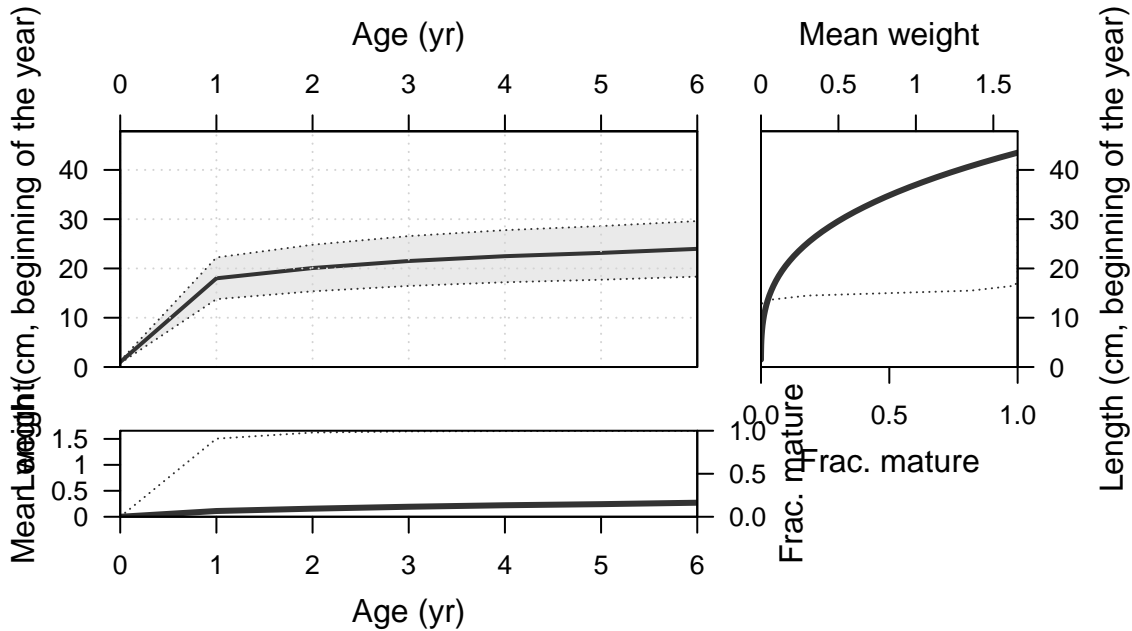
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Sat Jul 23 08:55:09 2022
Data_File: data.ss
Control_File: control.ss

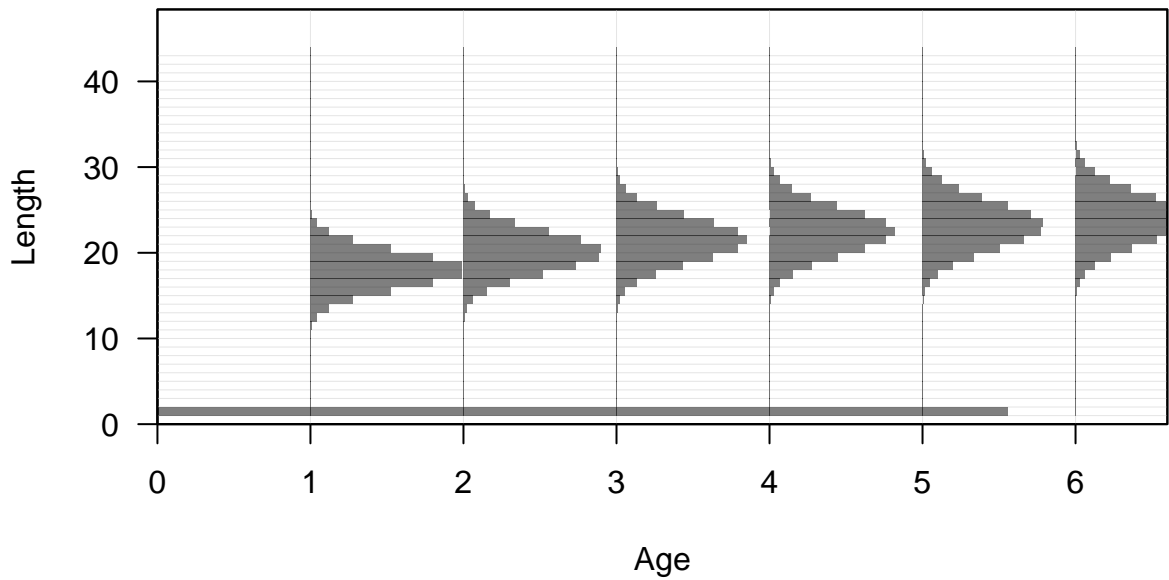
Length (cm, beginning of the year)

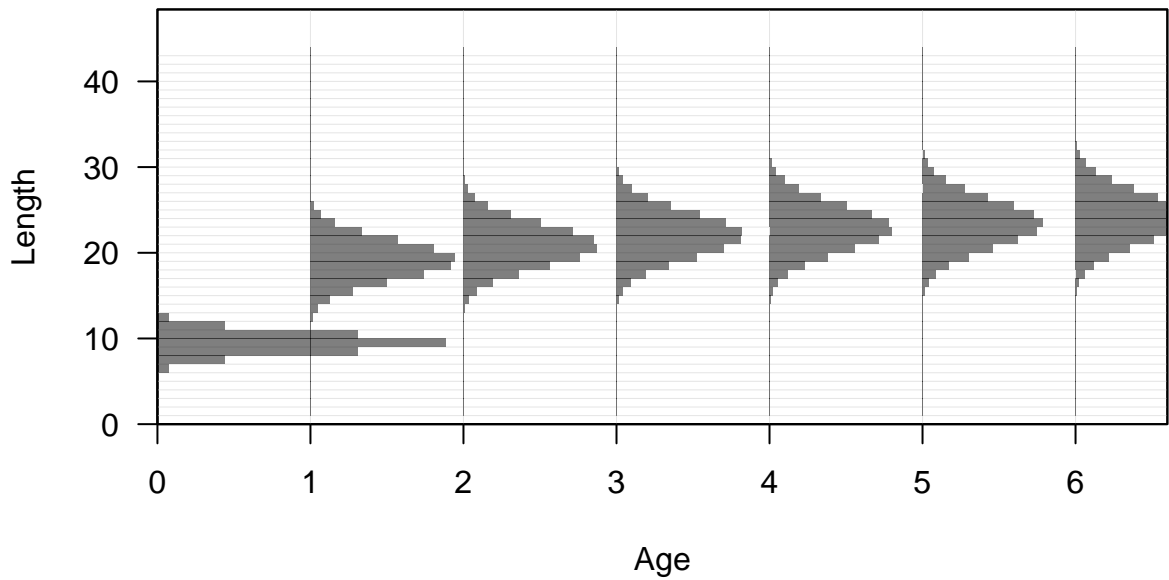


Age (yr)











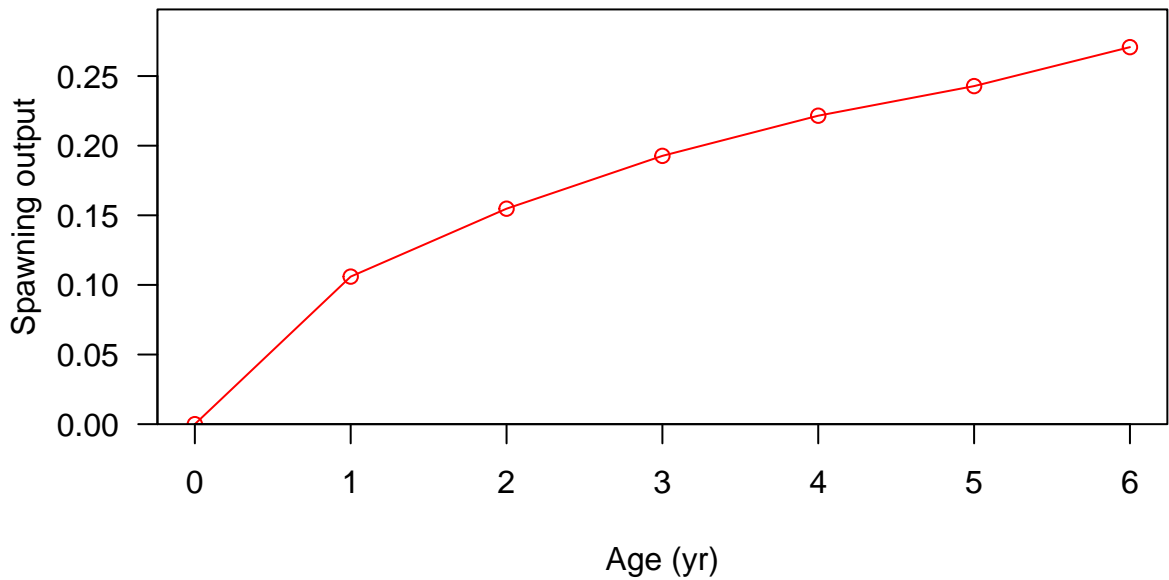




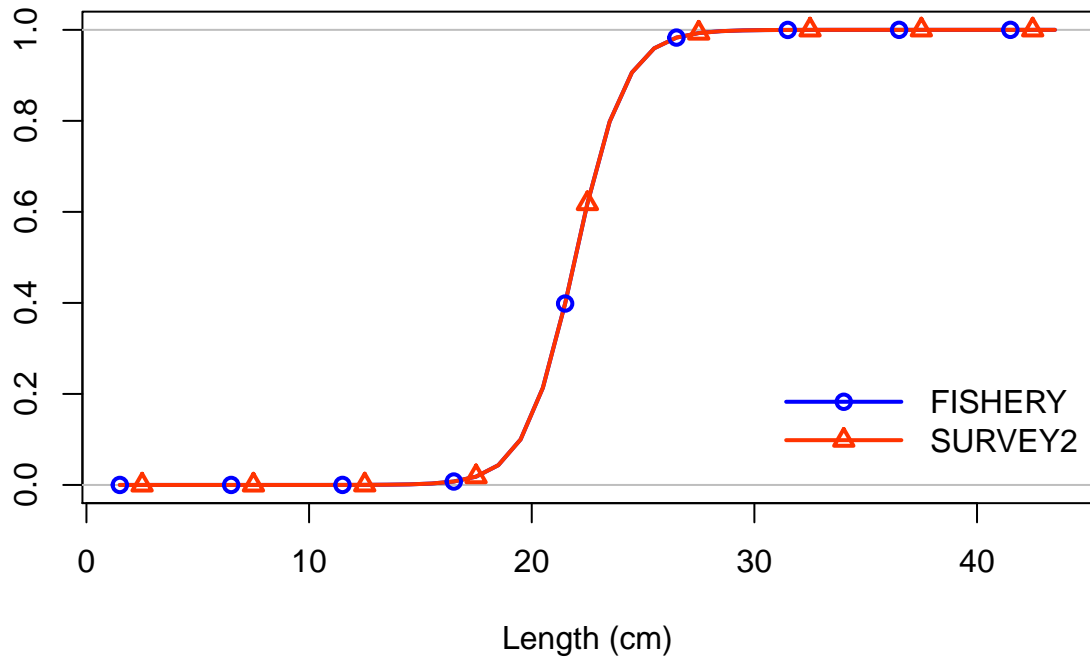




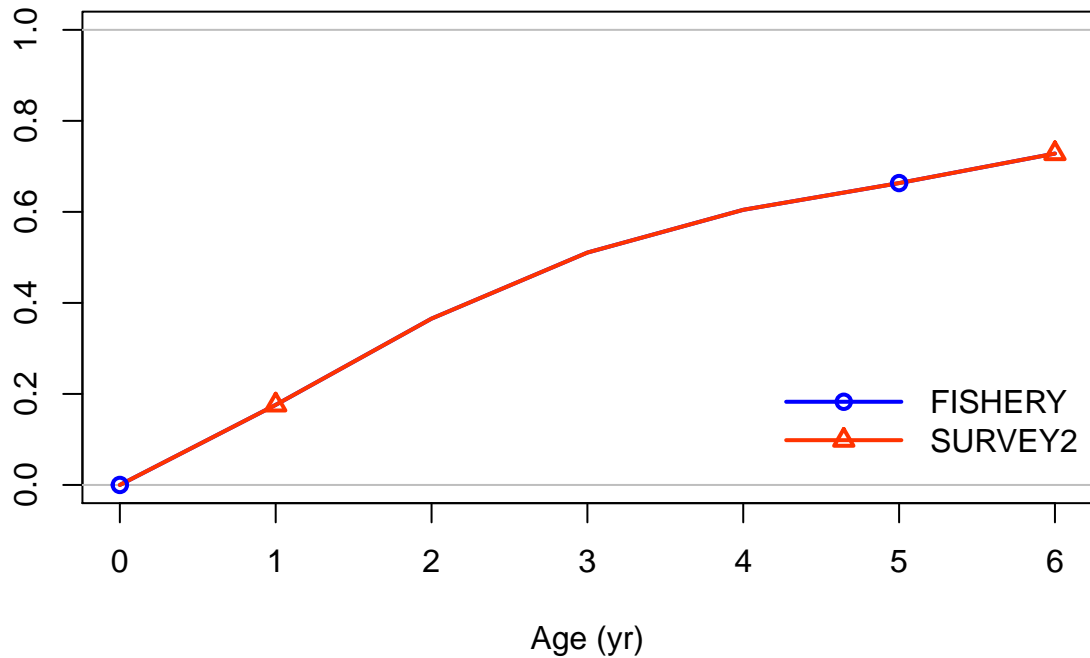




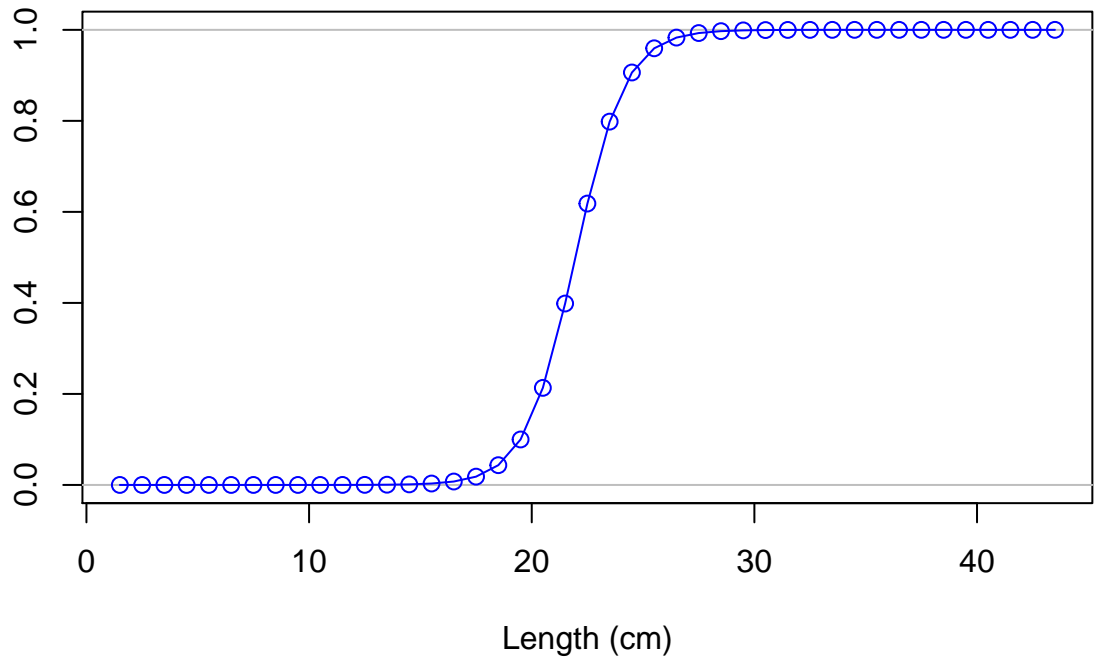
Selectivity



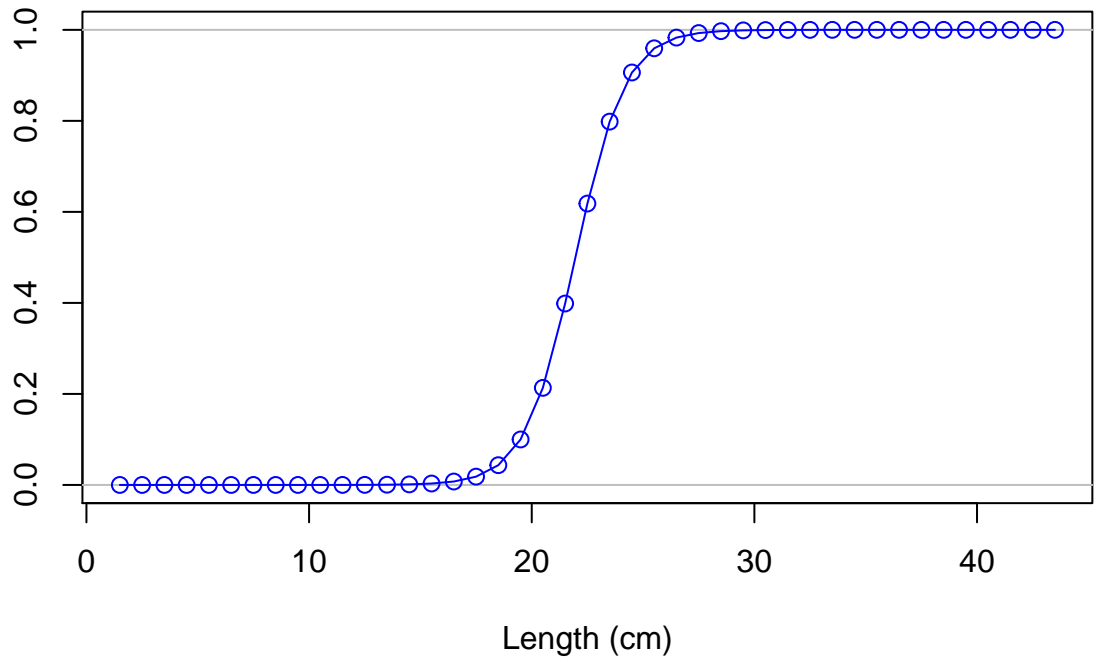
Selectivity

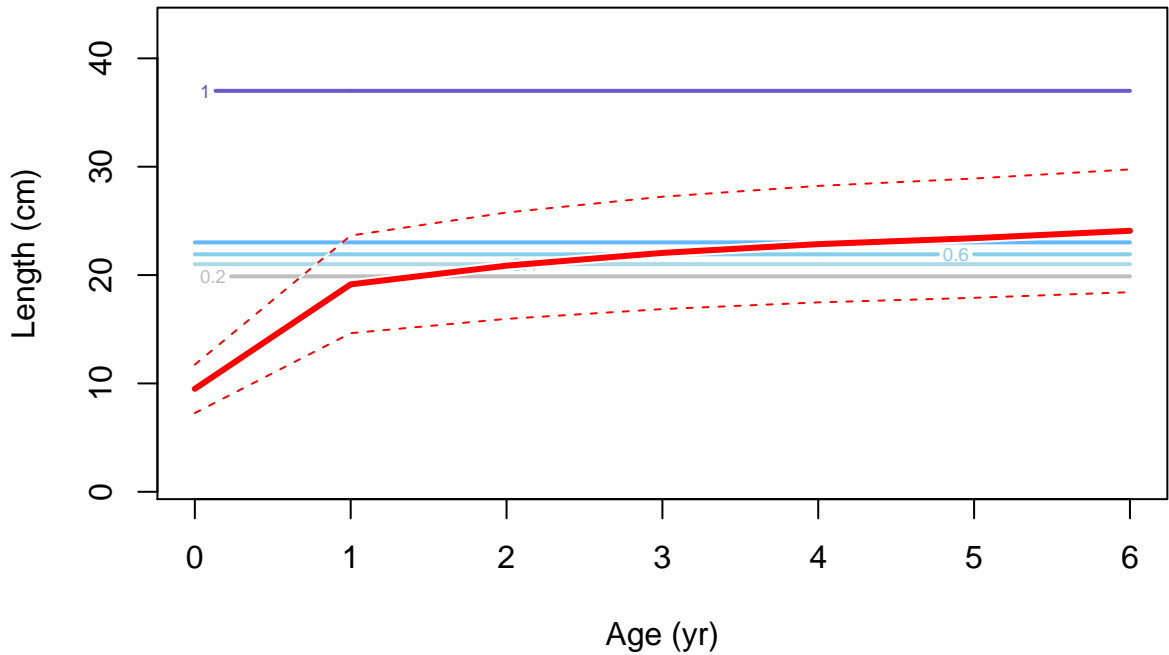


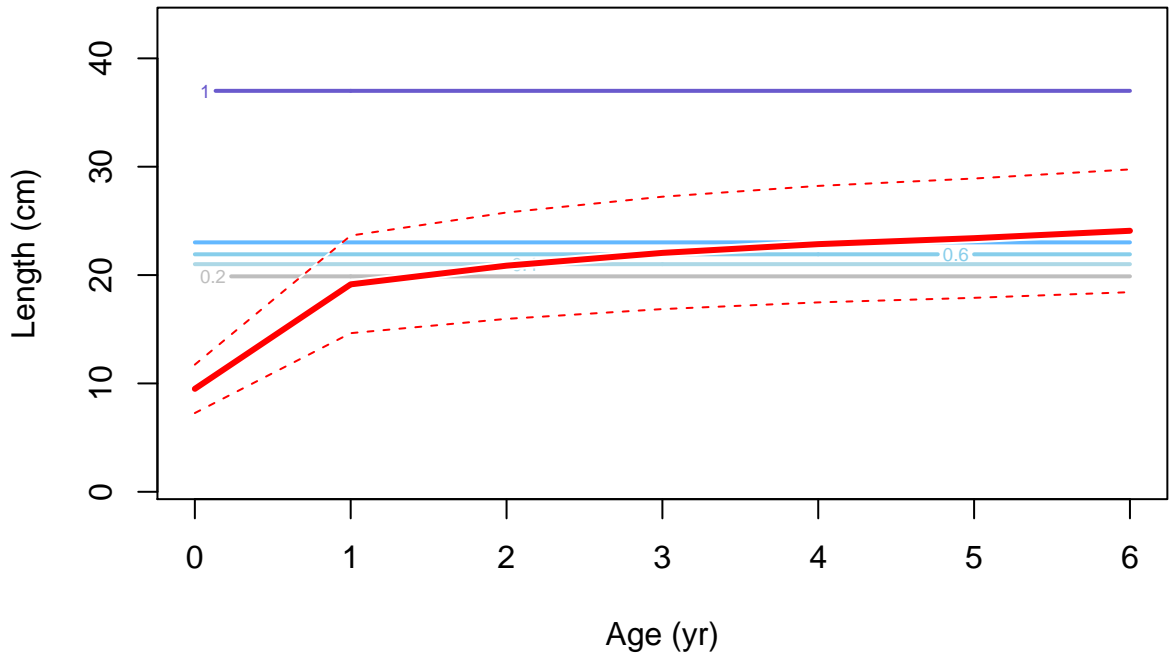
Selectivity



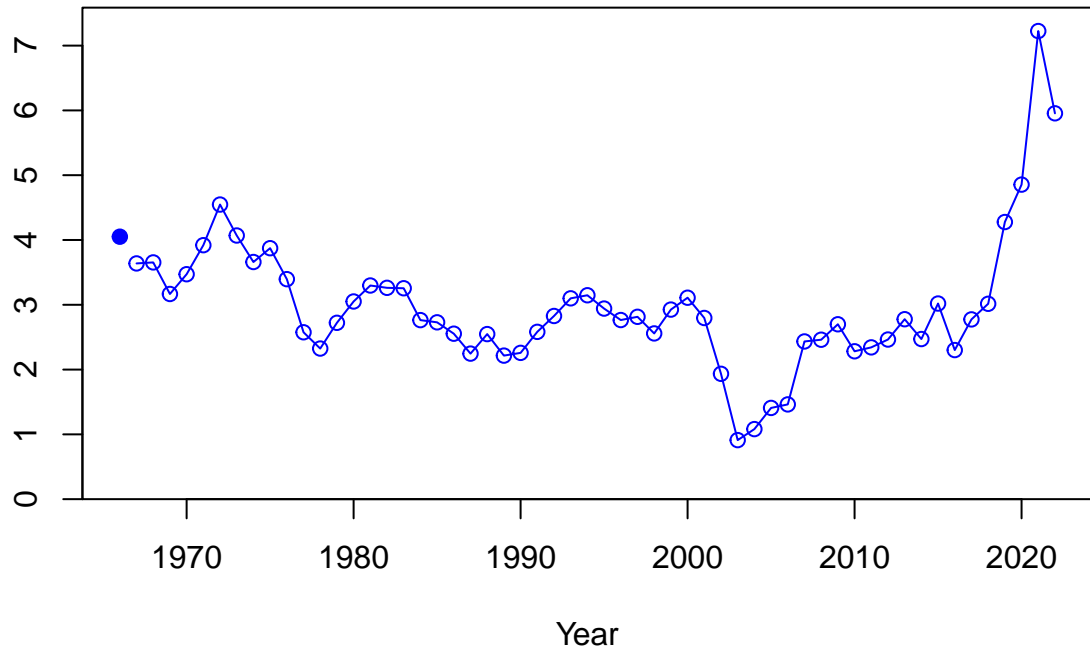
Selectivity



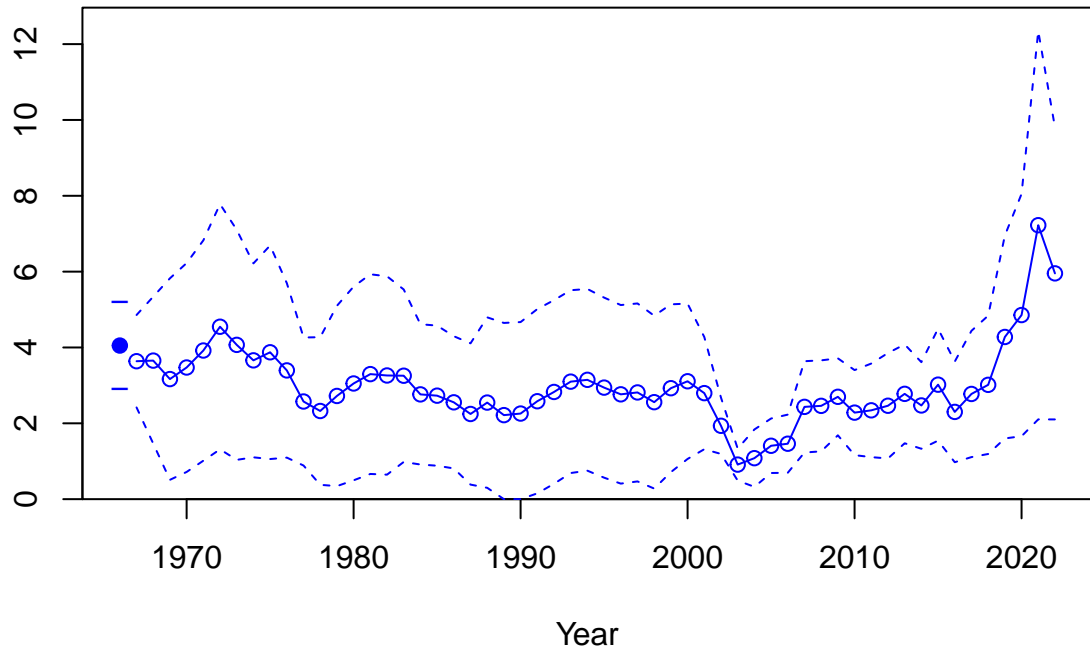




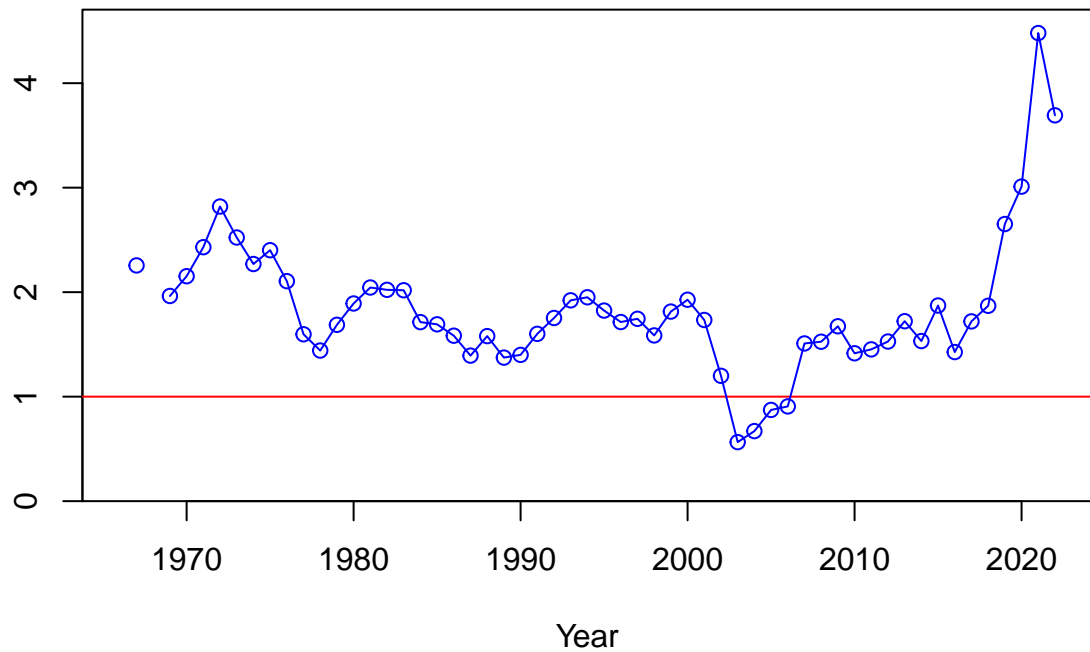
Spawning biomass (mt)



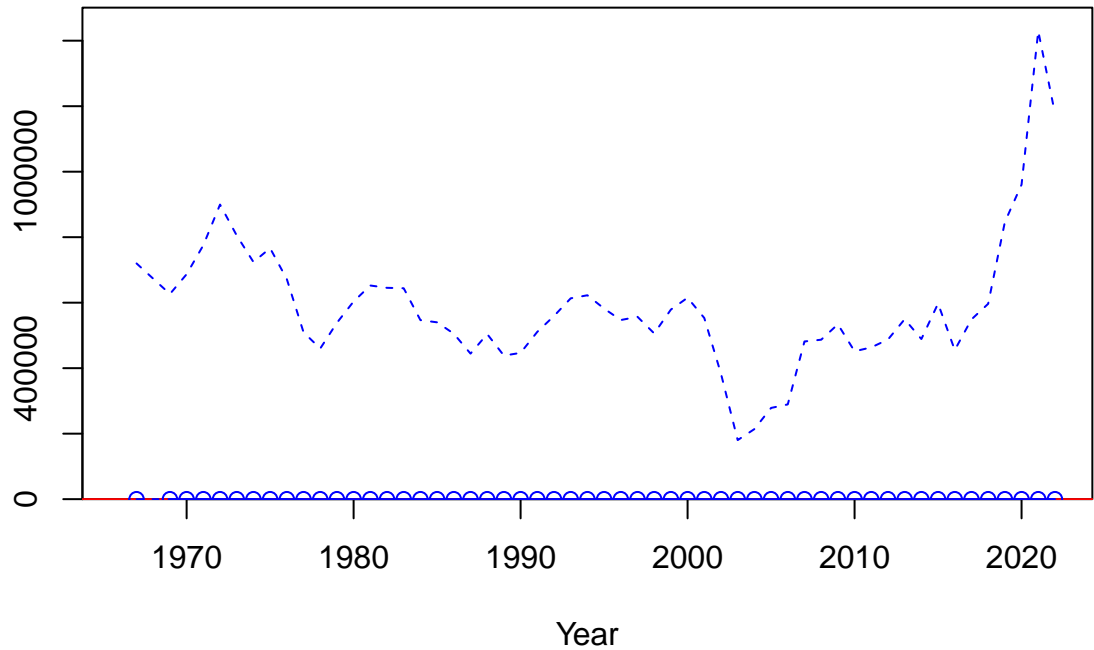
Spawning biomass (mt)

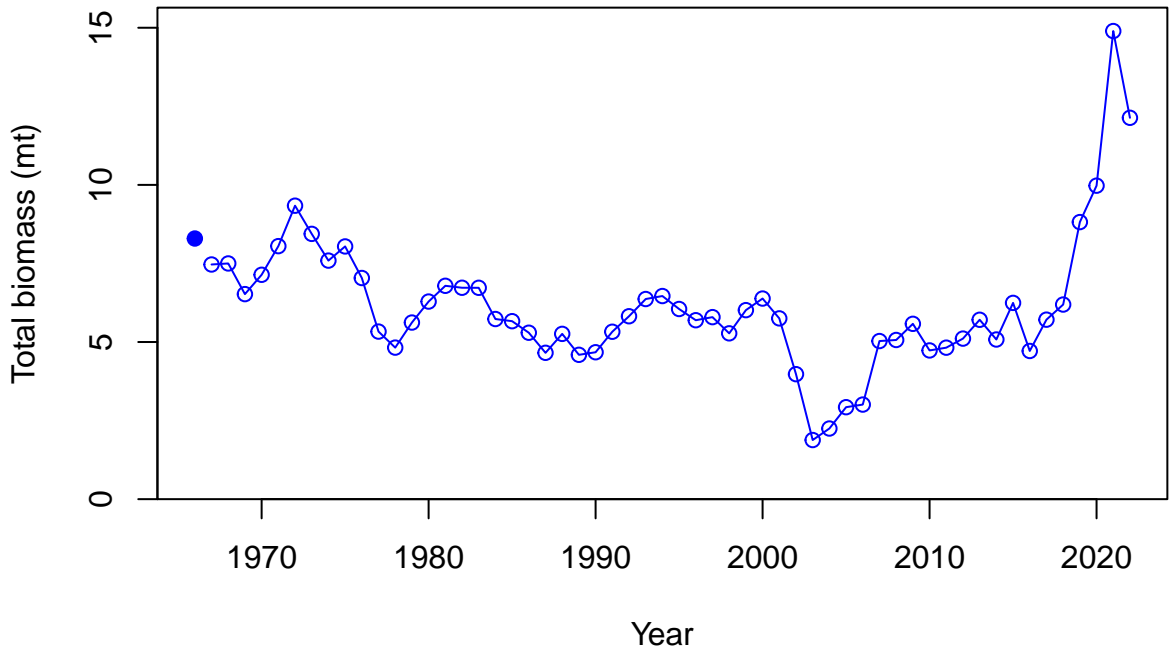


Relative spawning biomass: B/B_{MSY}

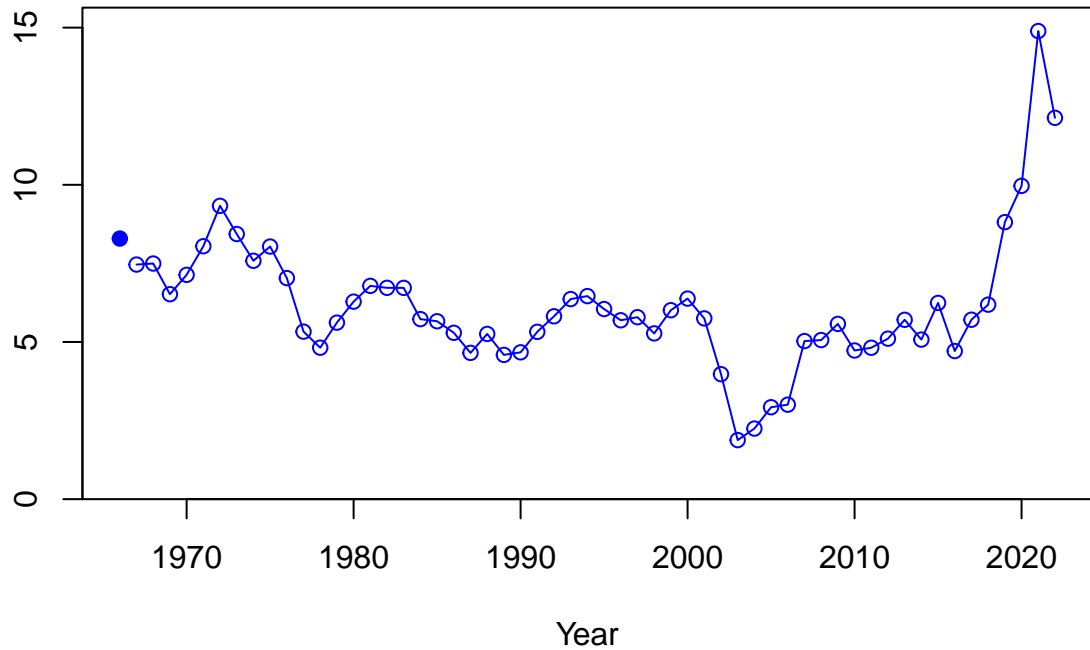


Relative spawning biomass: B/B_{MSY}

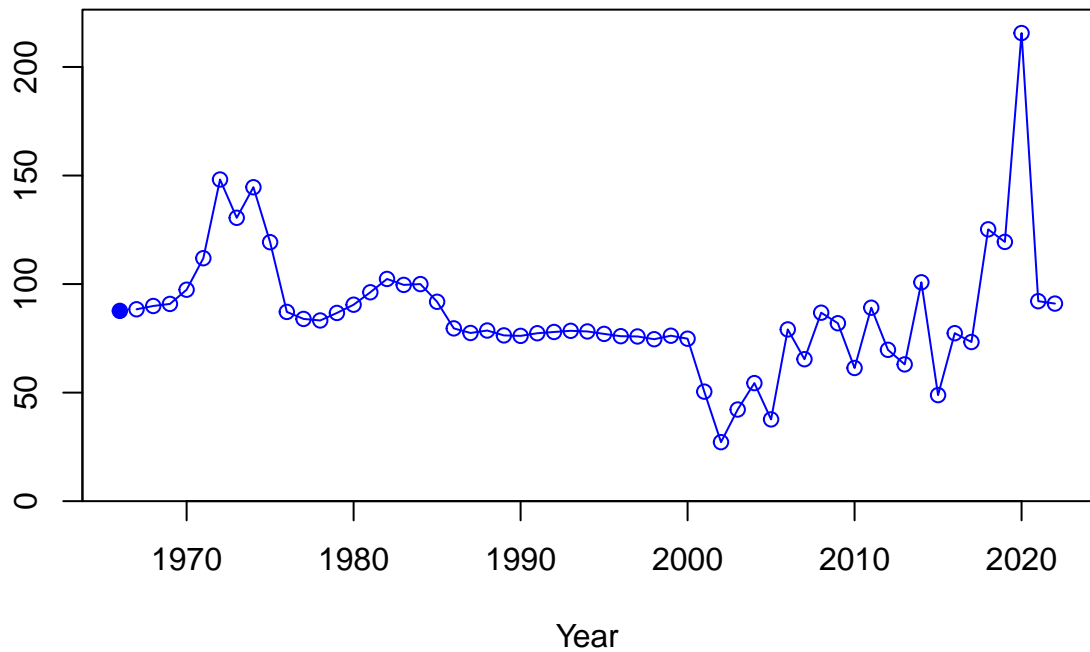




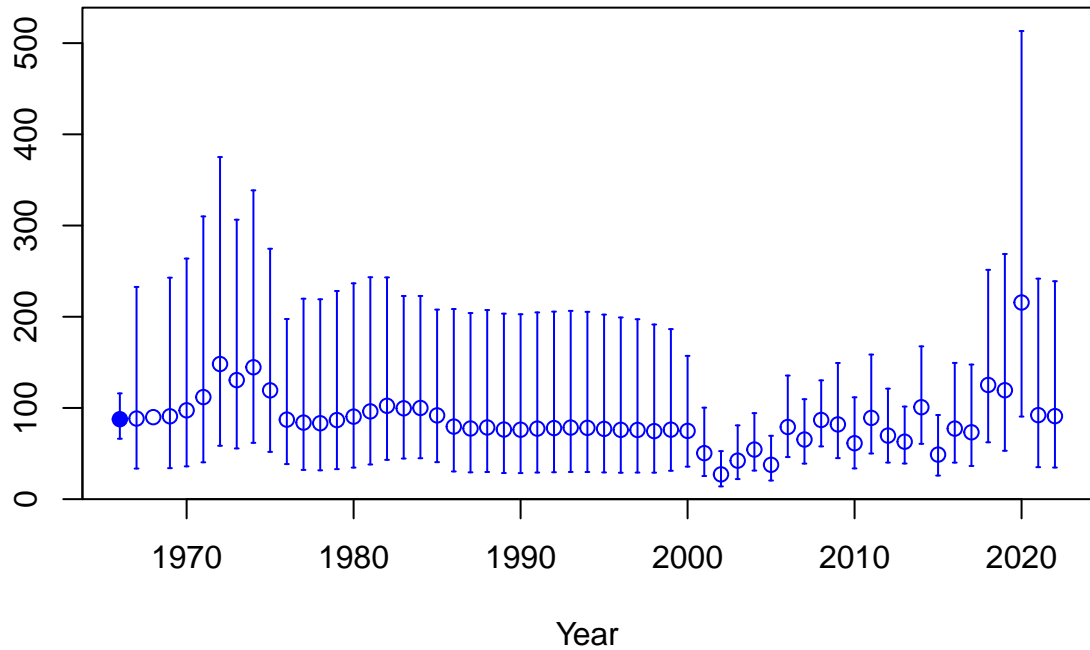
Summary biomass (mt)



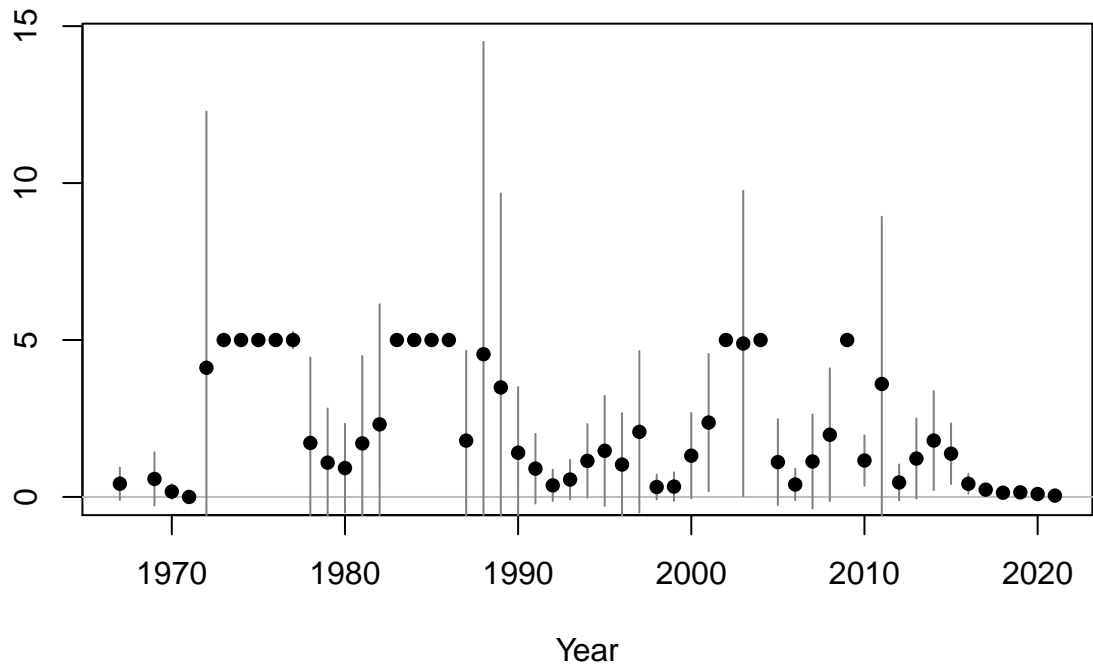
Age-0 recruits (1,000s)

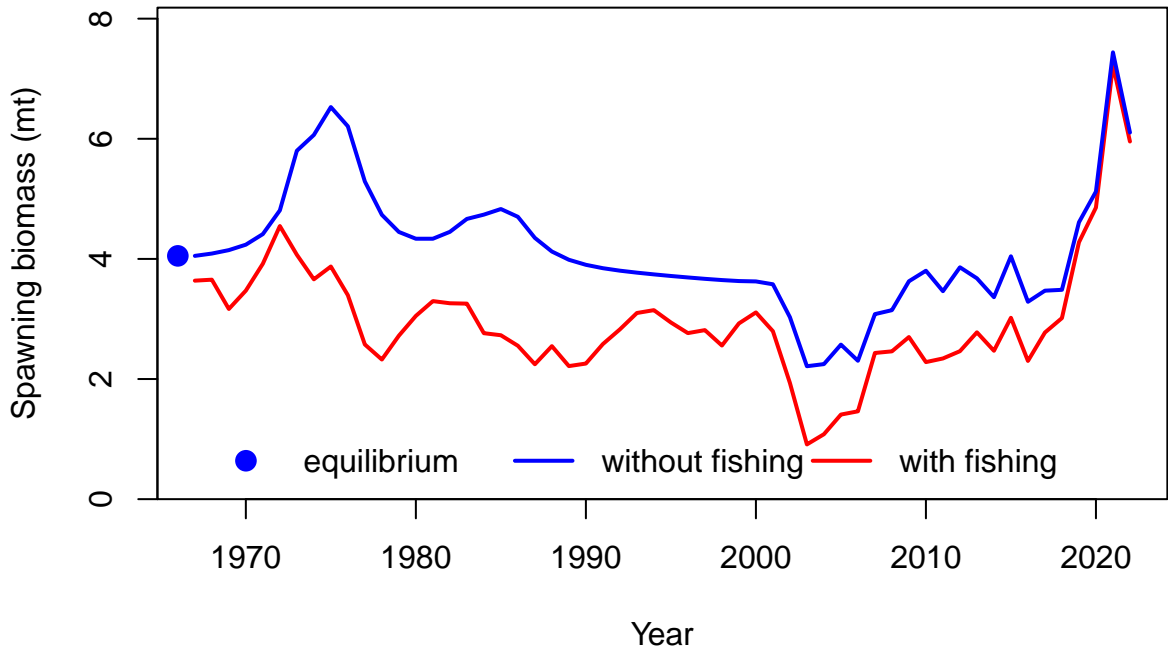


Age-0 recruits (1,000s)

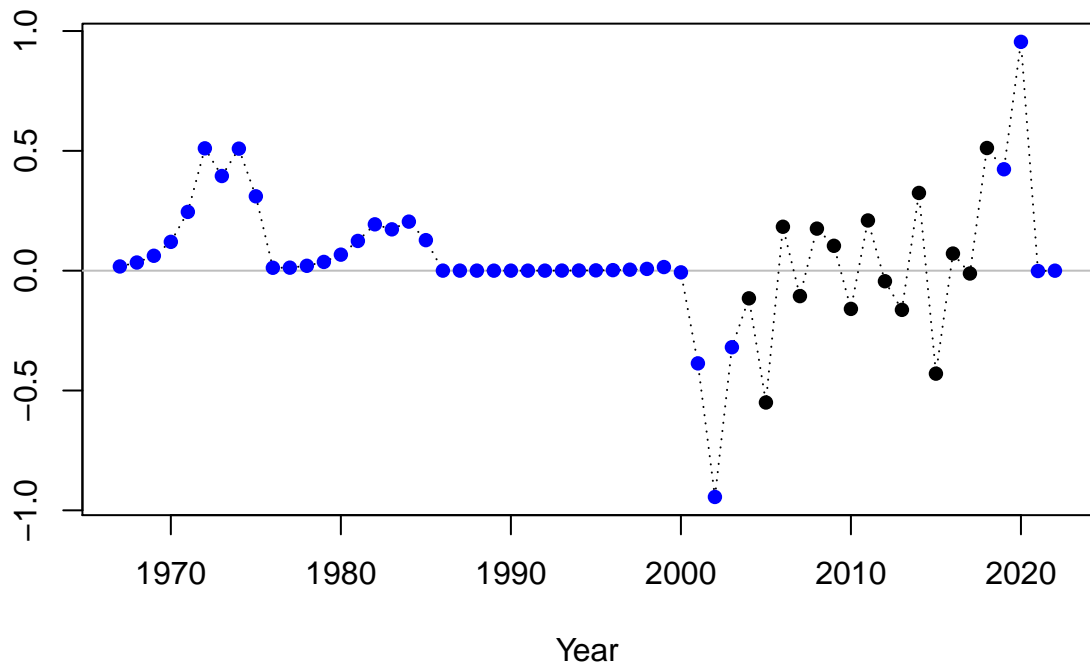


Summary Fishing Mortality

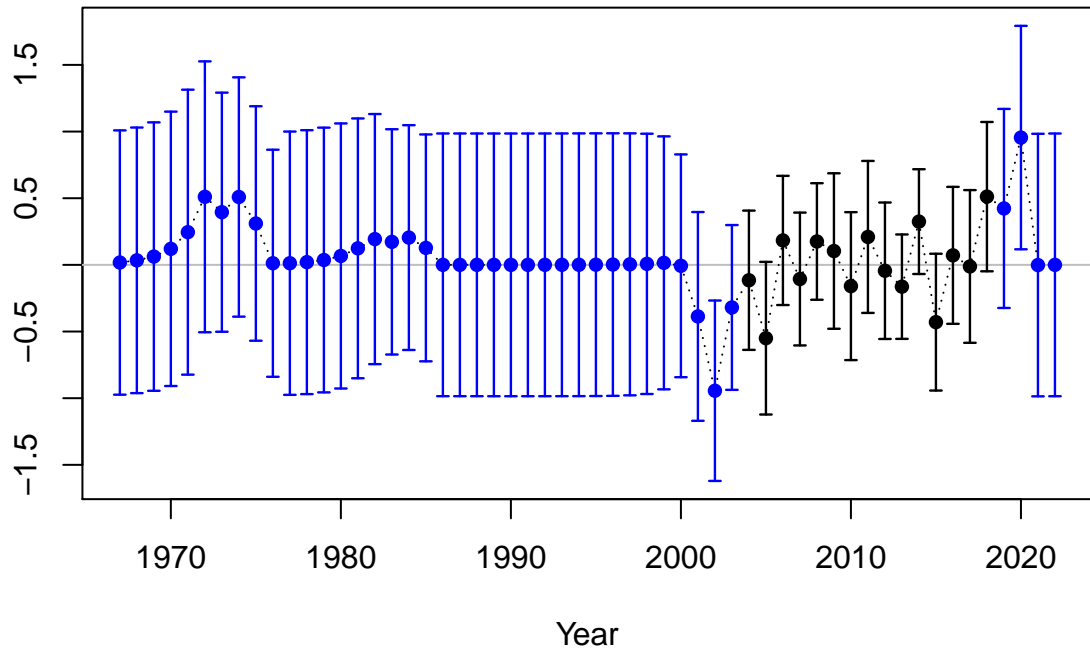




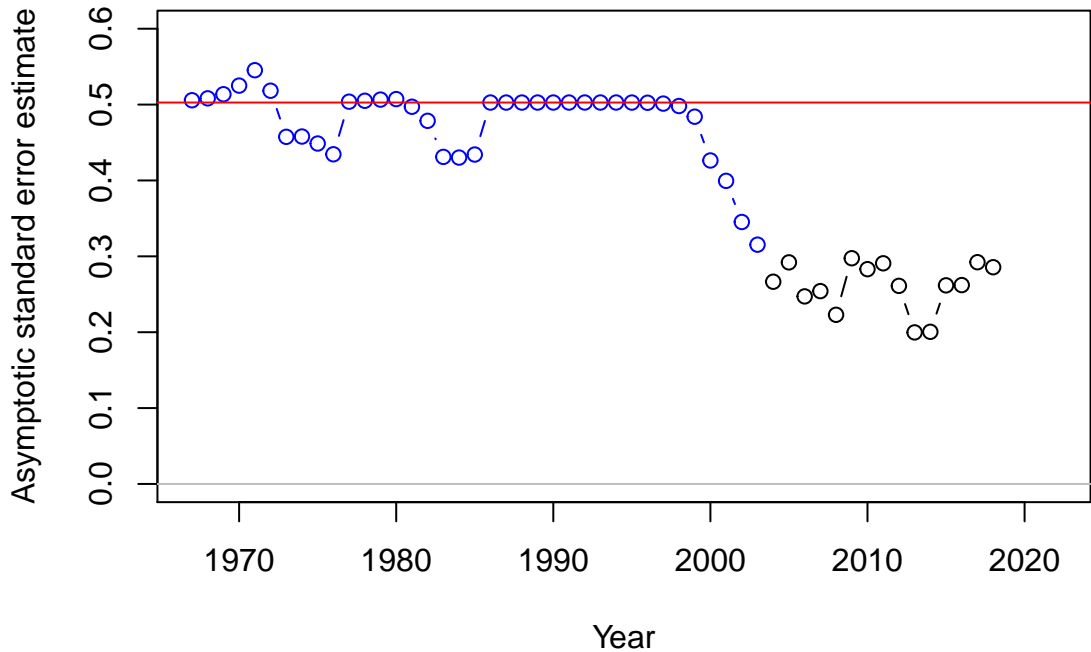
Log recruitment deviation

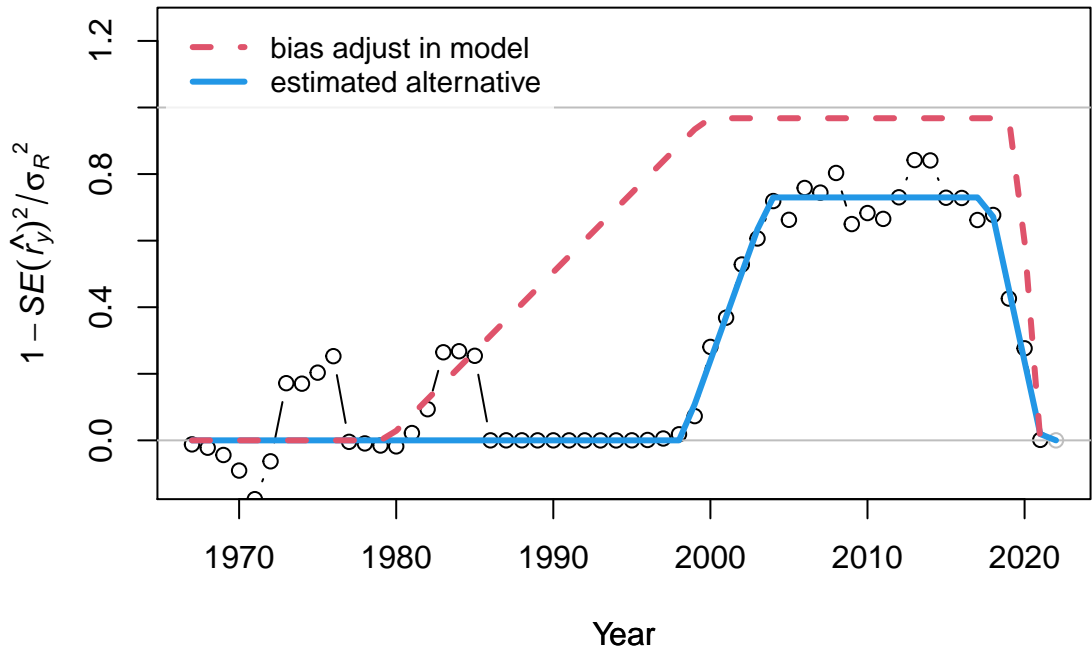


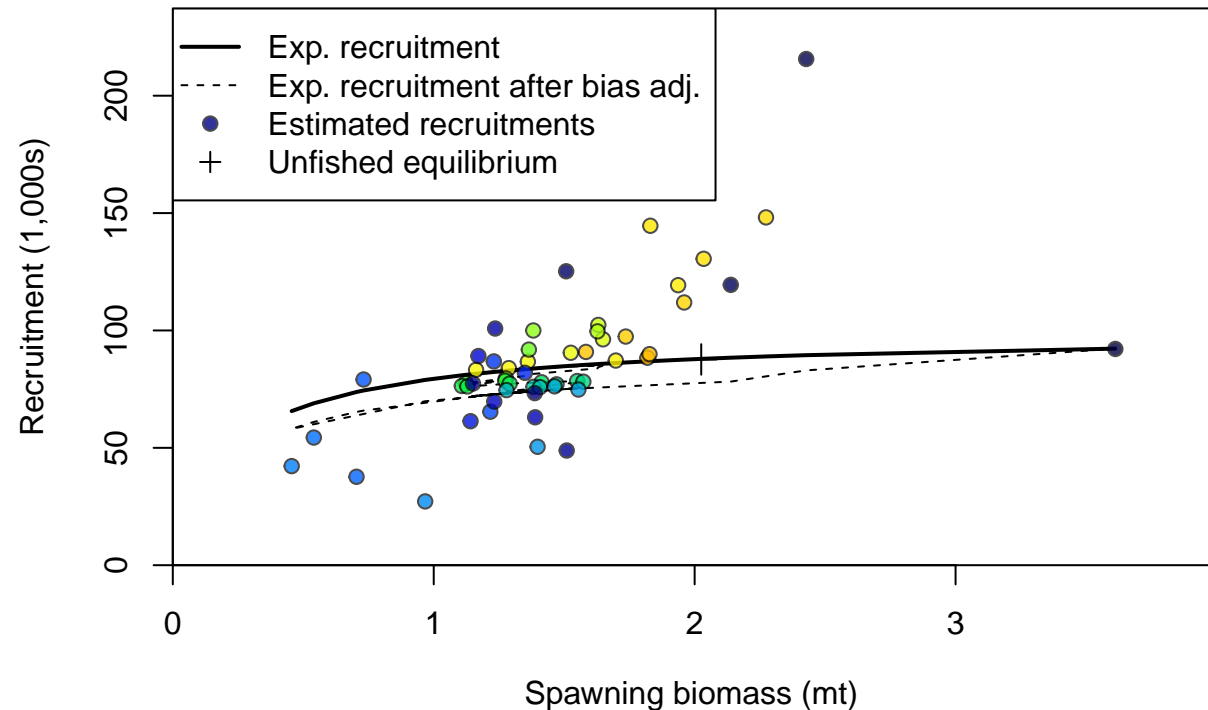
Log recruitment deviation

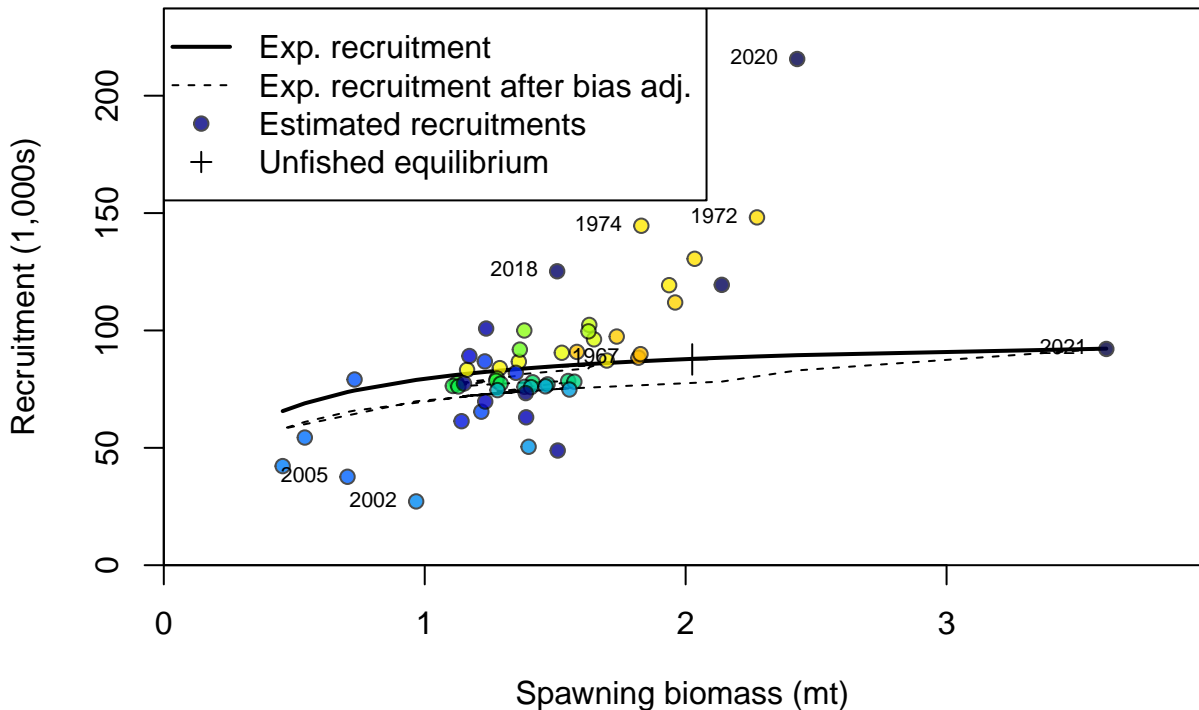


Recruitment deviation variance

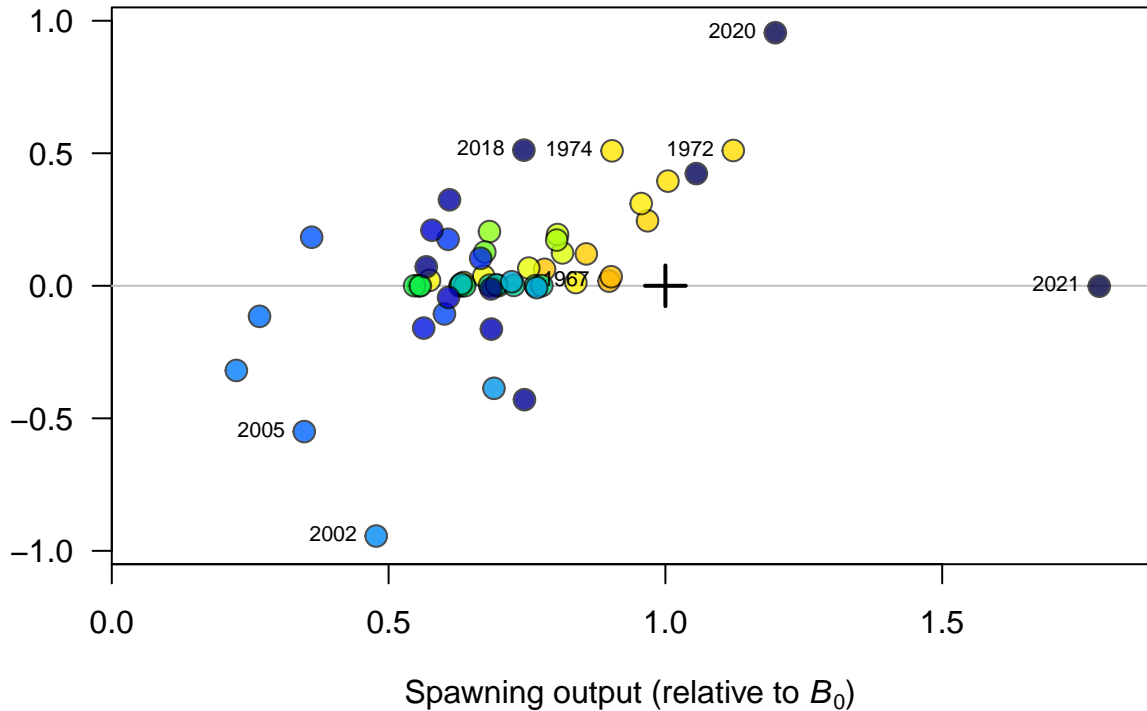


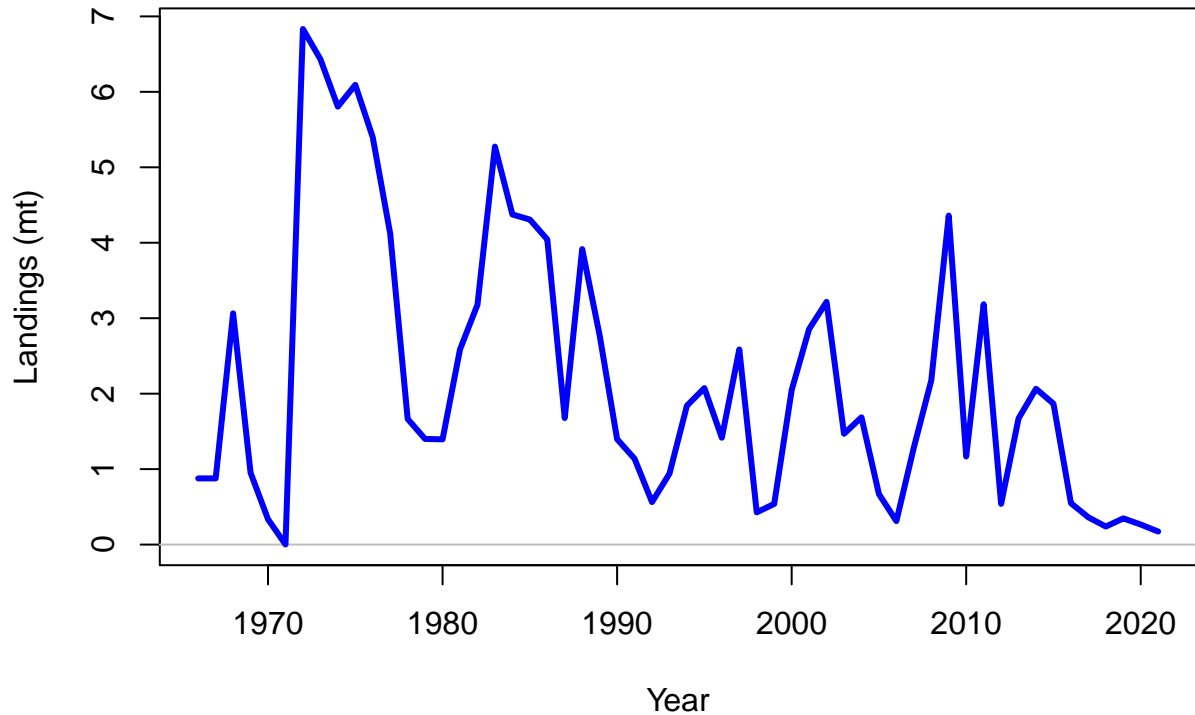


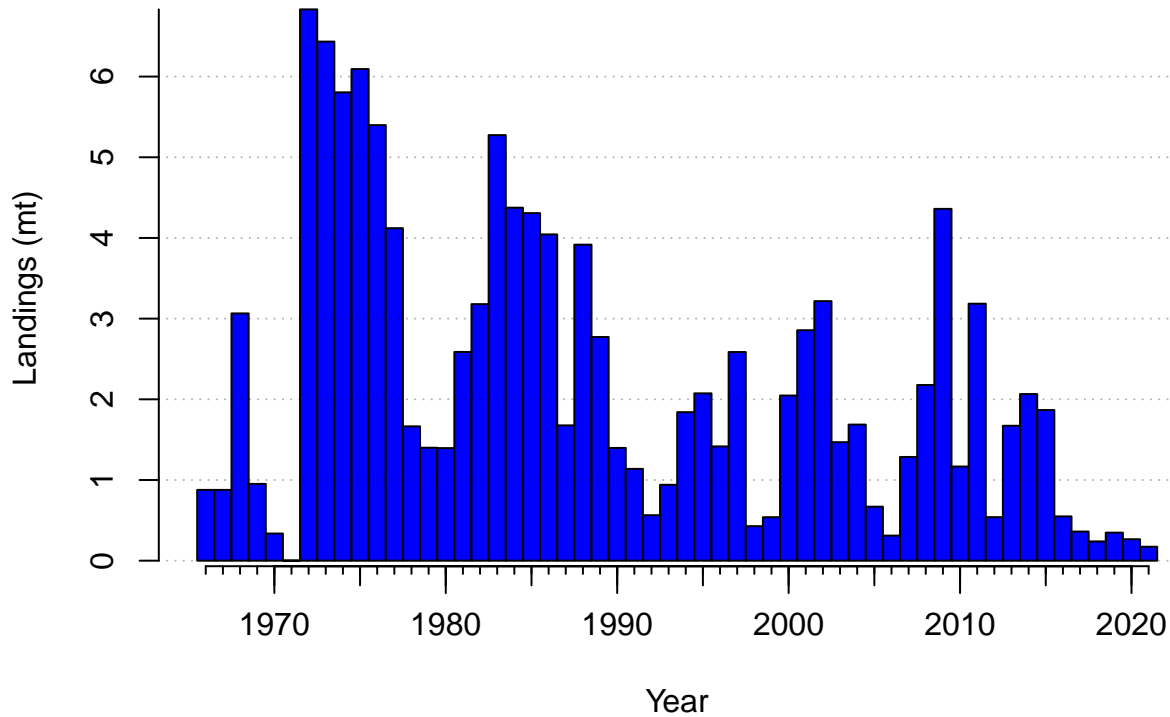




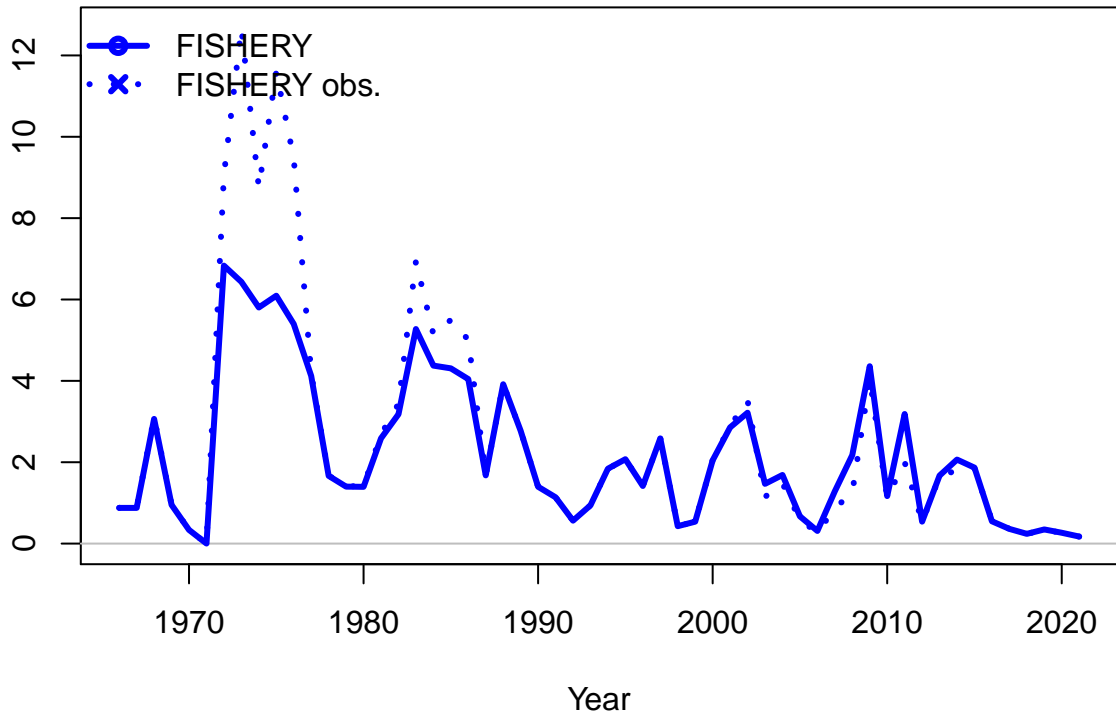
Log recruitment deviation

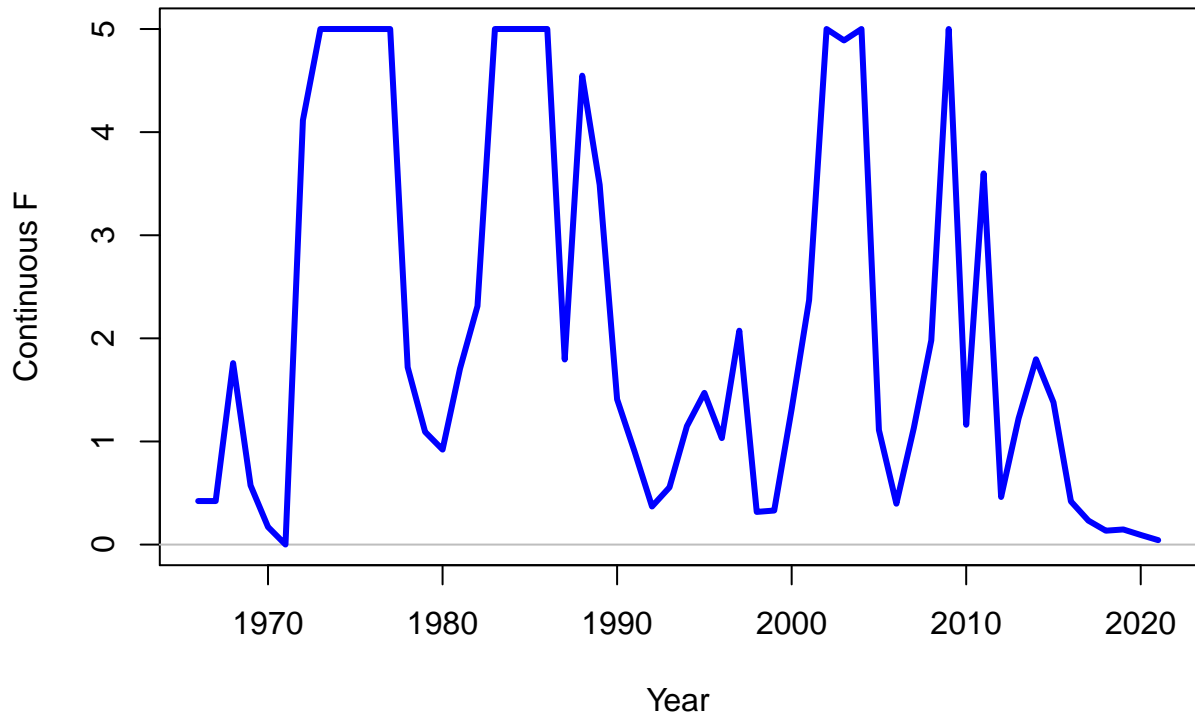




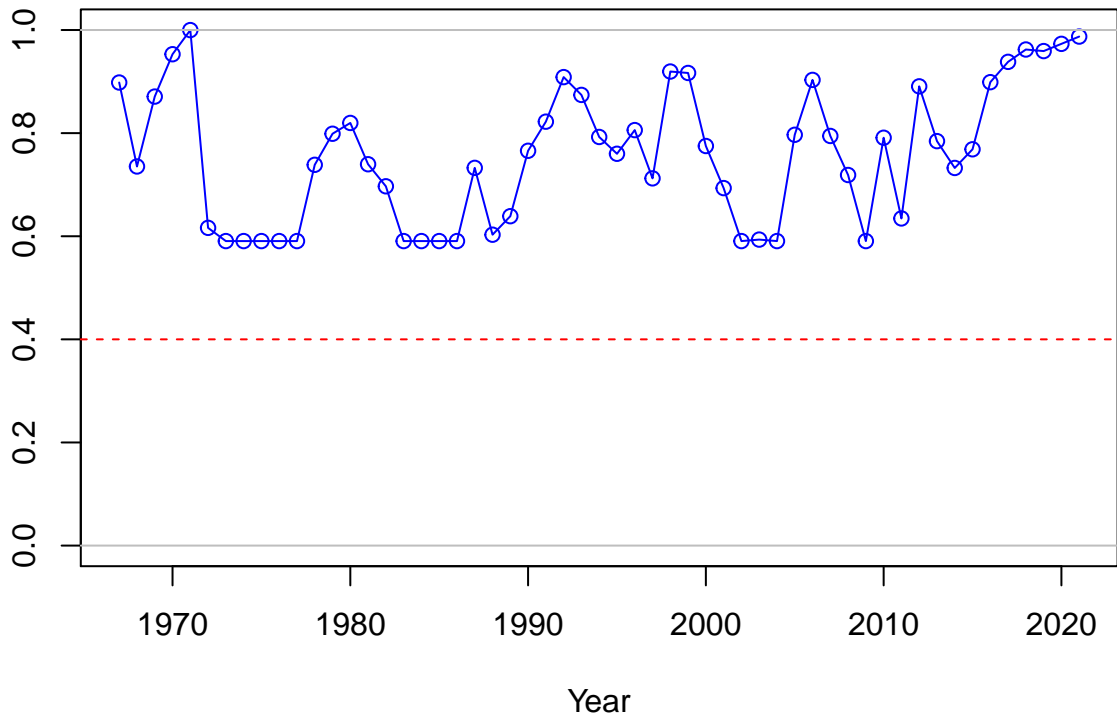


Observed and expected Landings (mt)

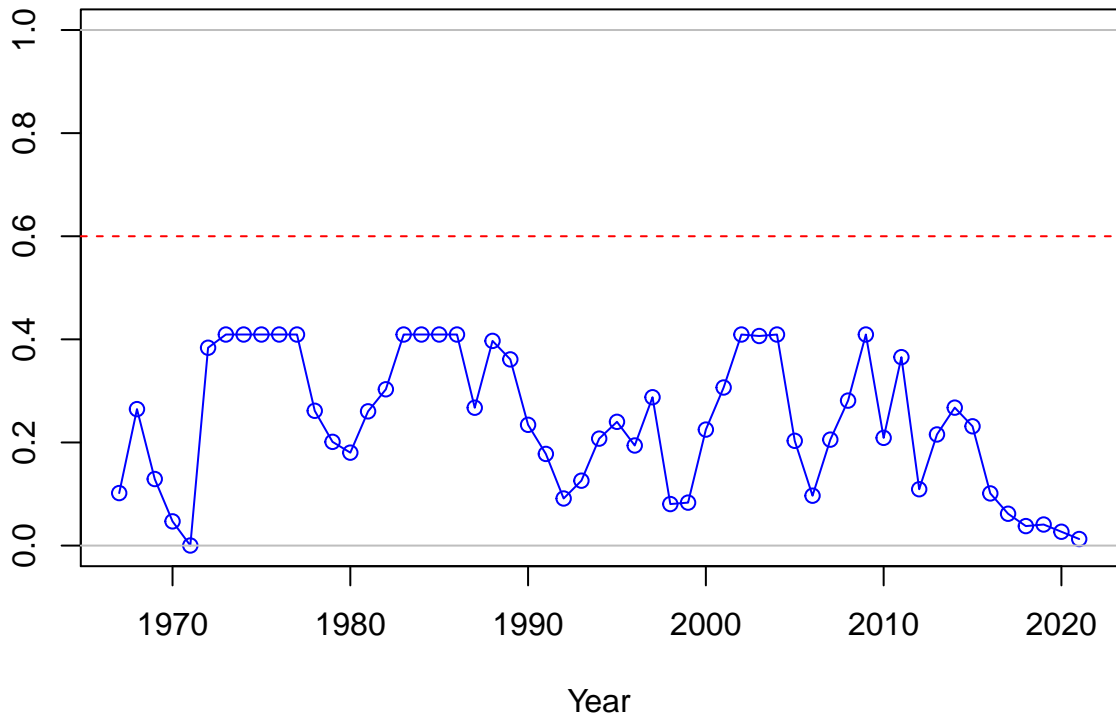




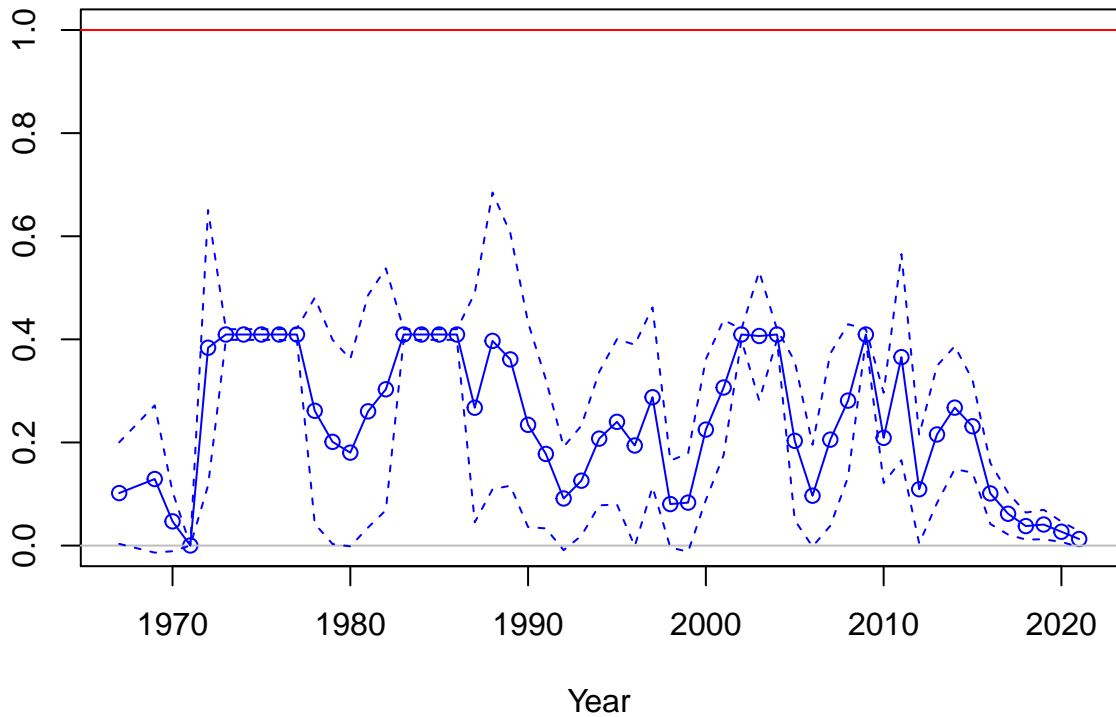
SPR



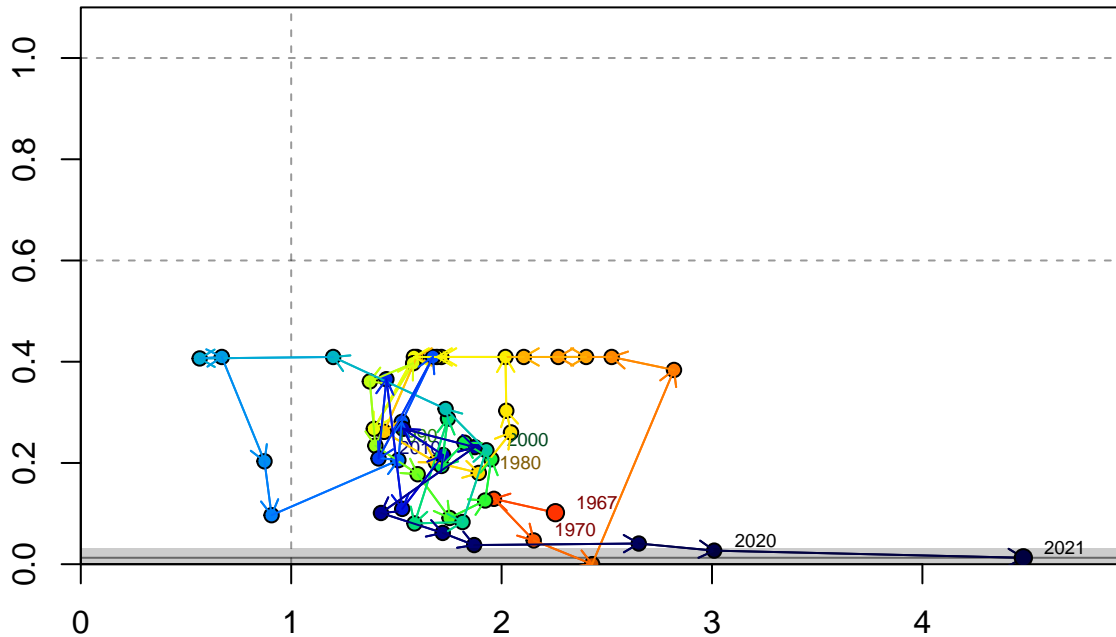
1-SPR



Fishing intensity: 1-SPR



Fishing intensity: 1-SPR

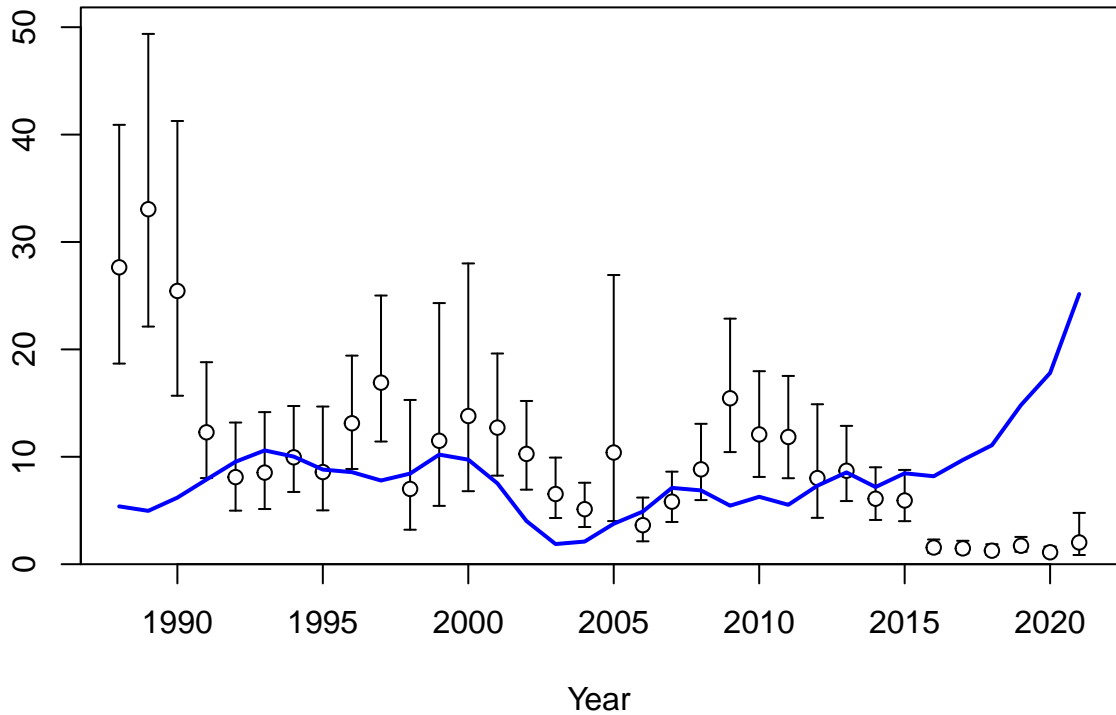


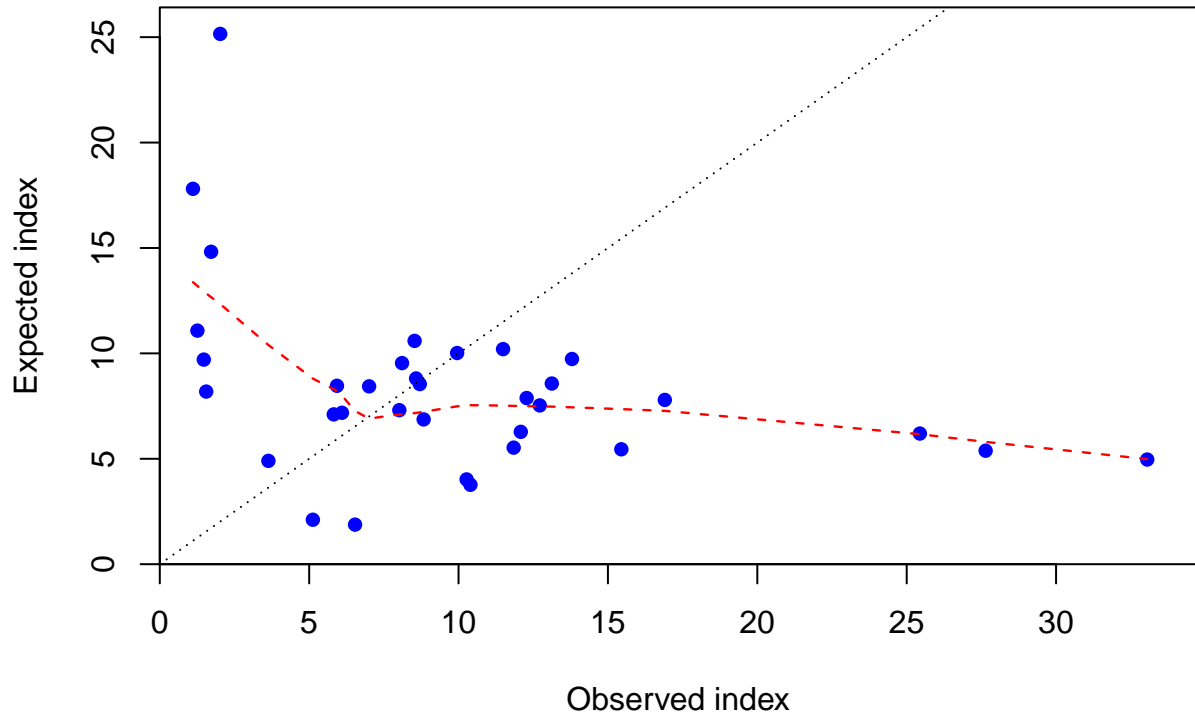
Relative spawning output: B/B_MSY

Index



Index

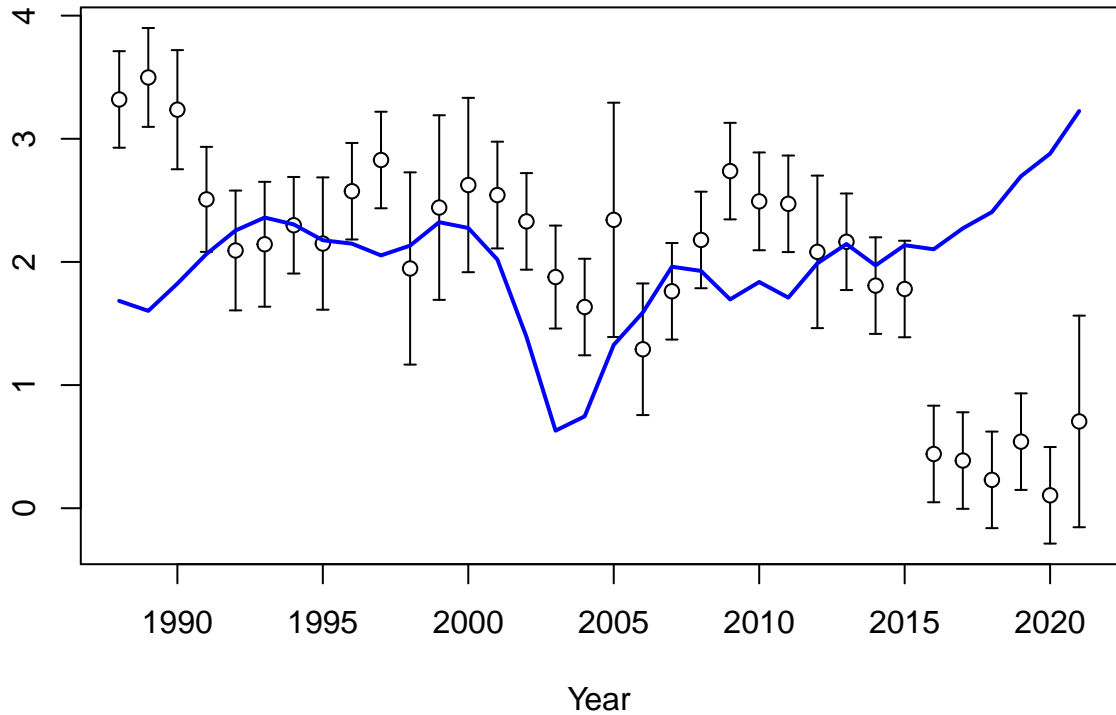


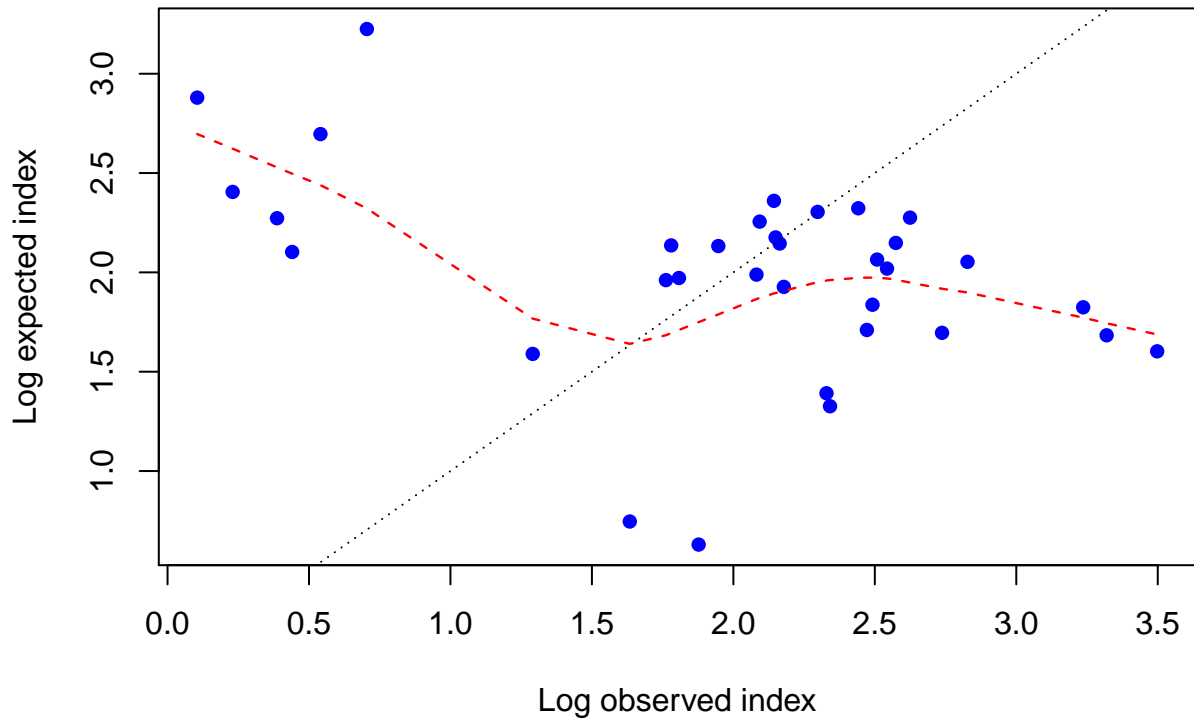


Log index

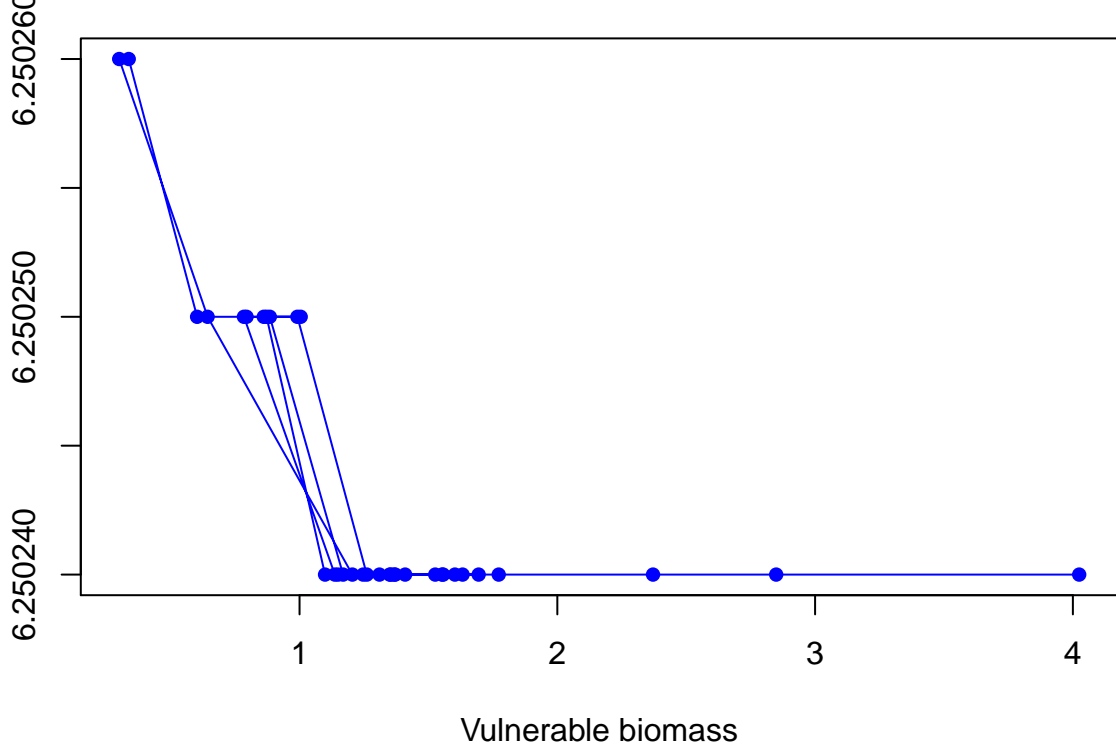


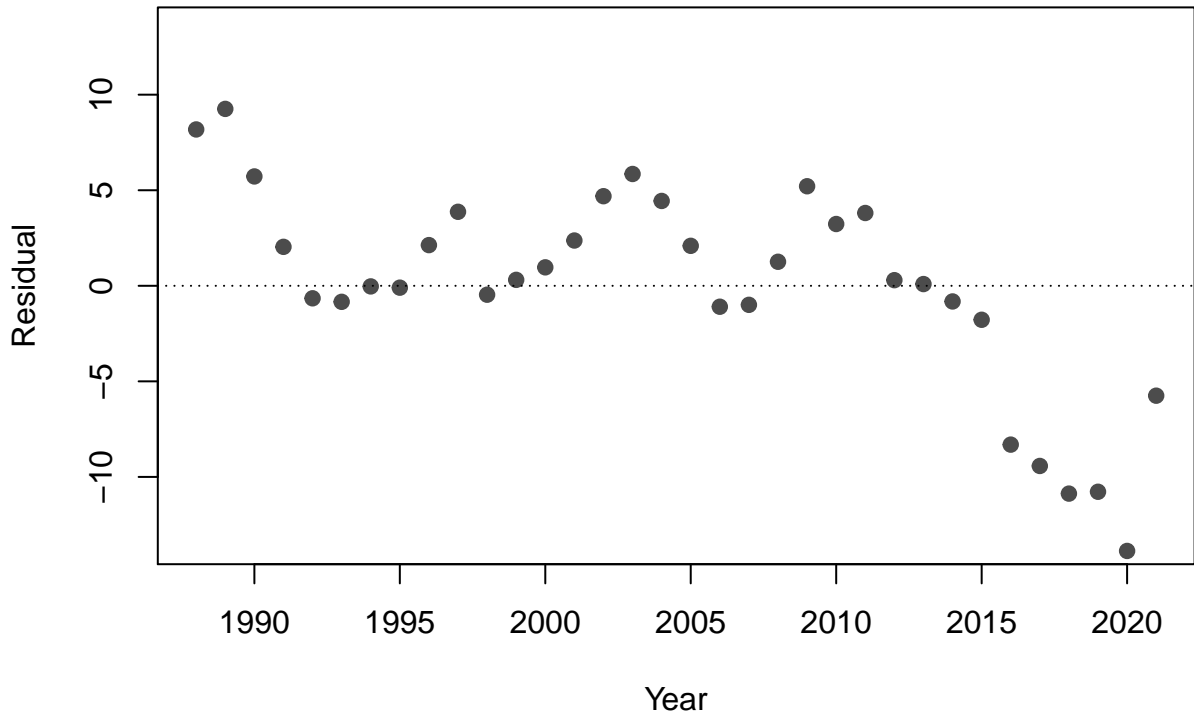
Log index

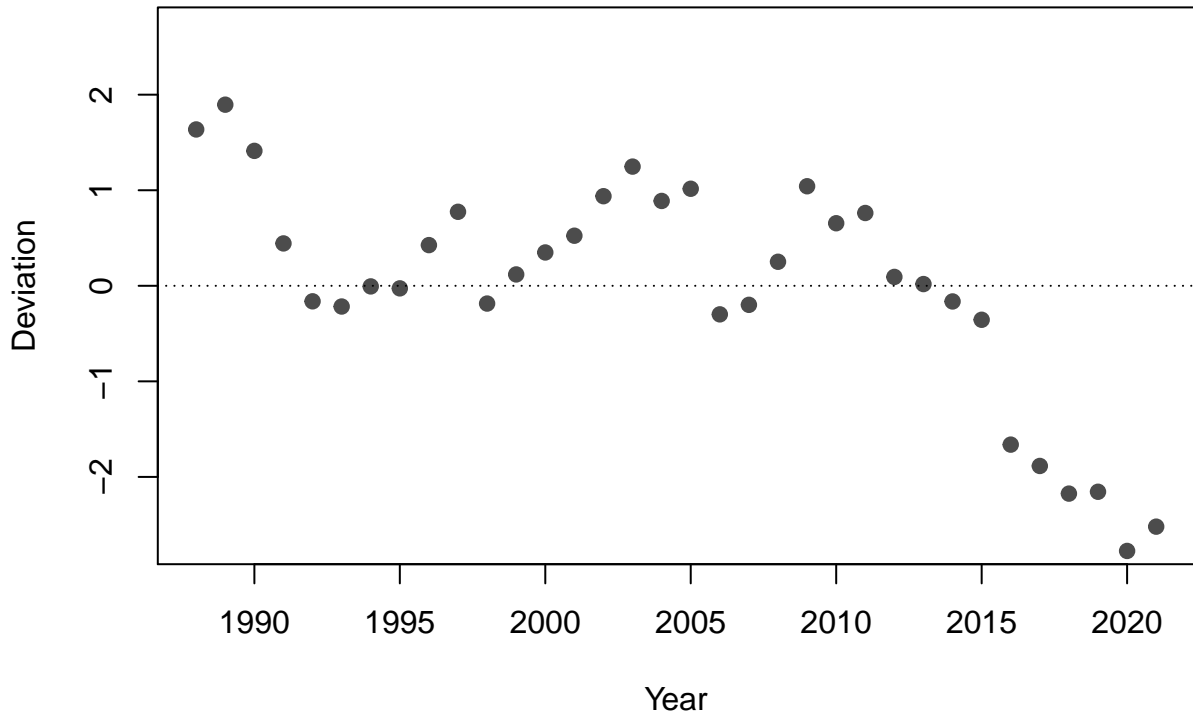




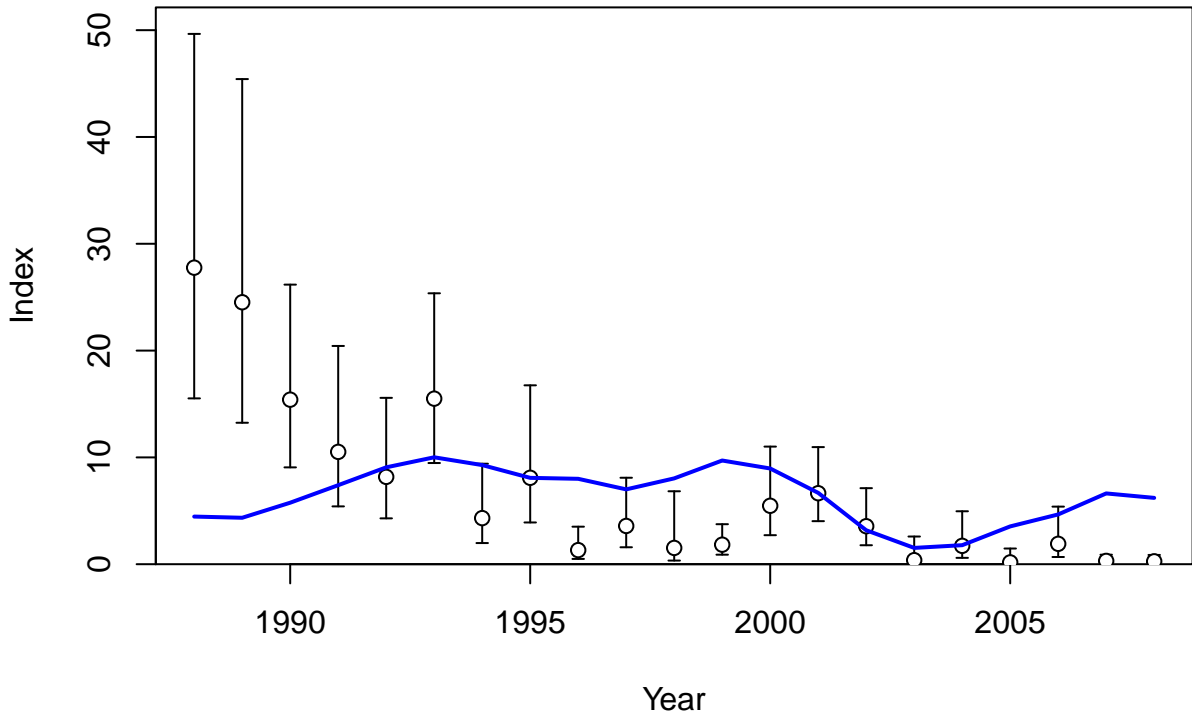
Effective catchability

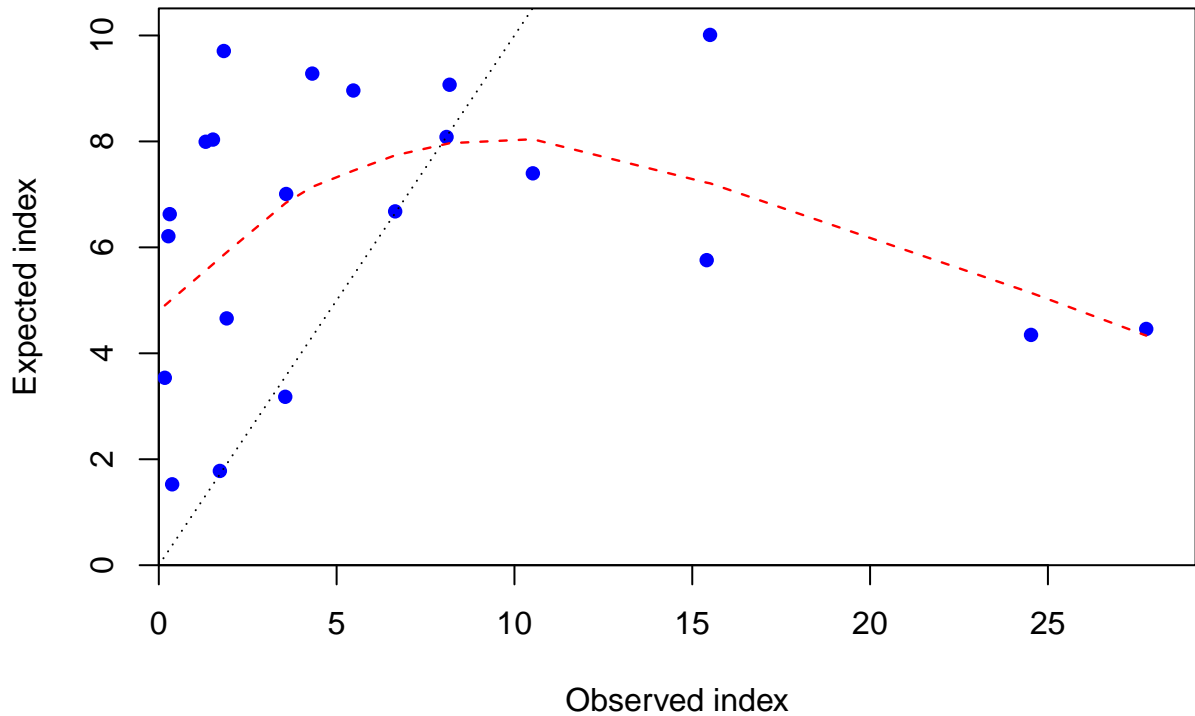




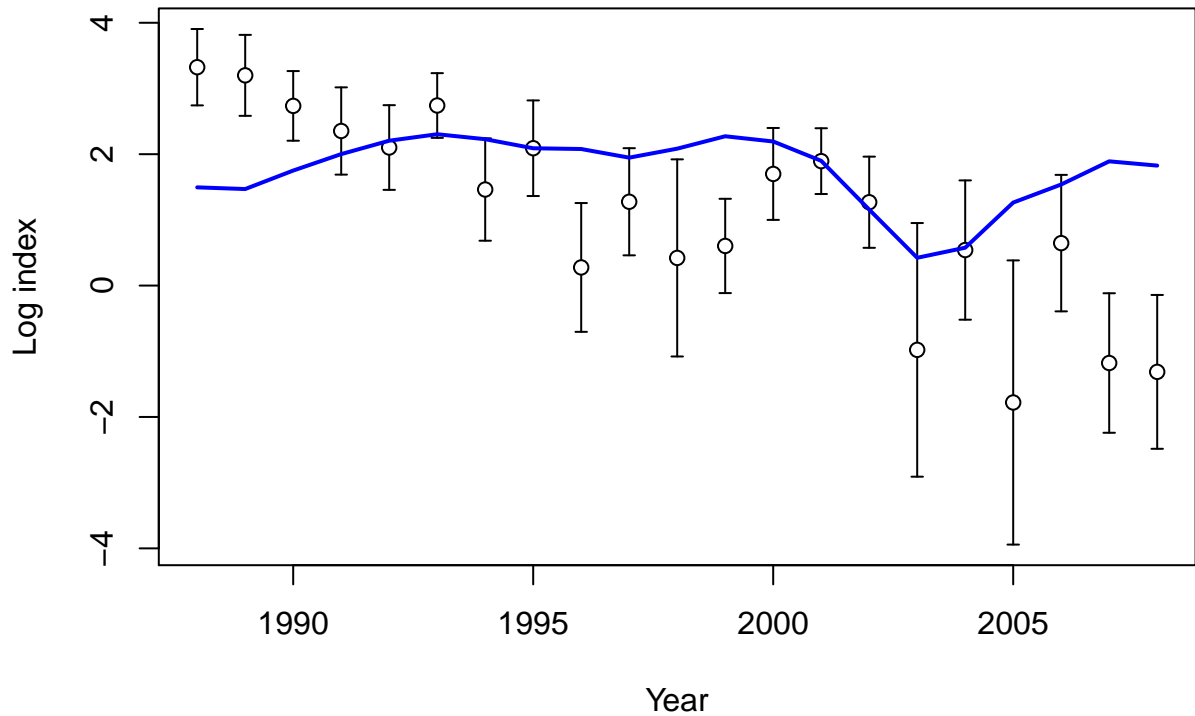


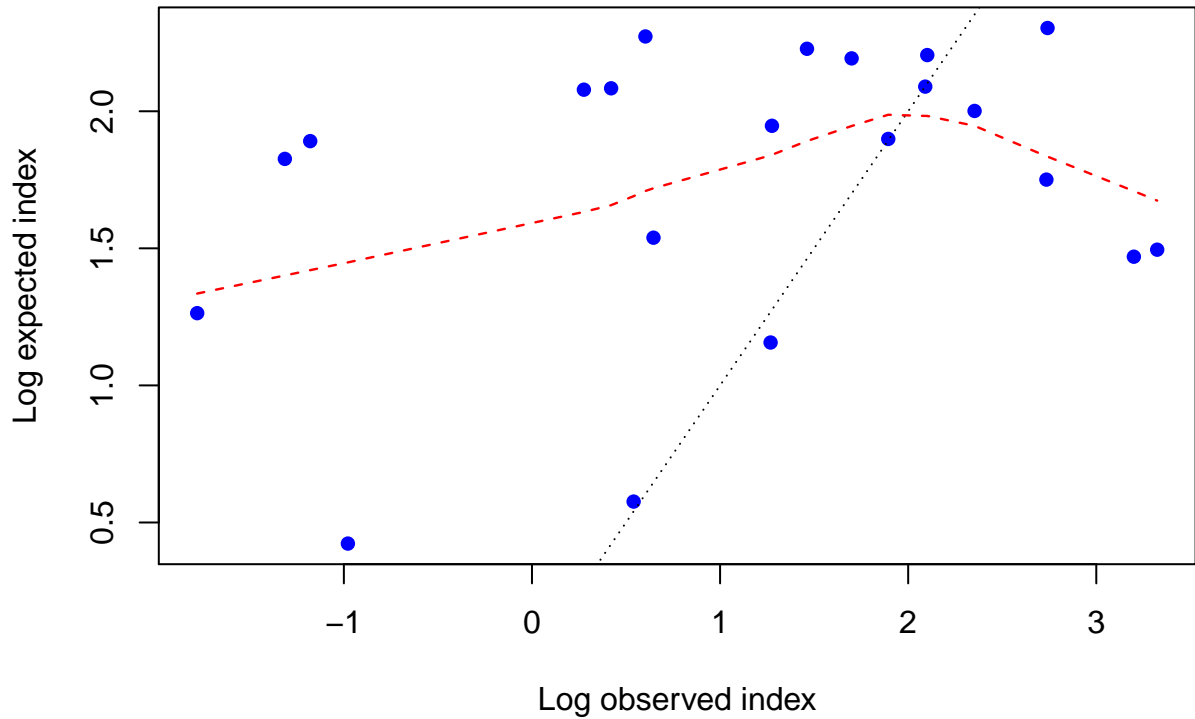


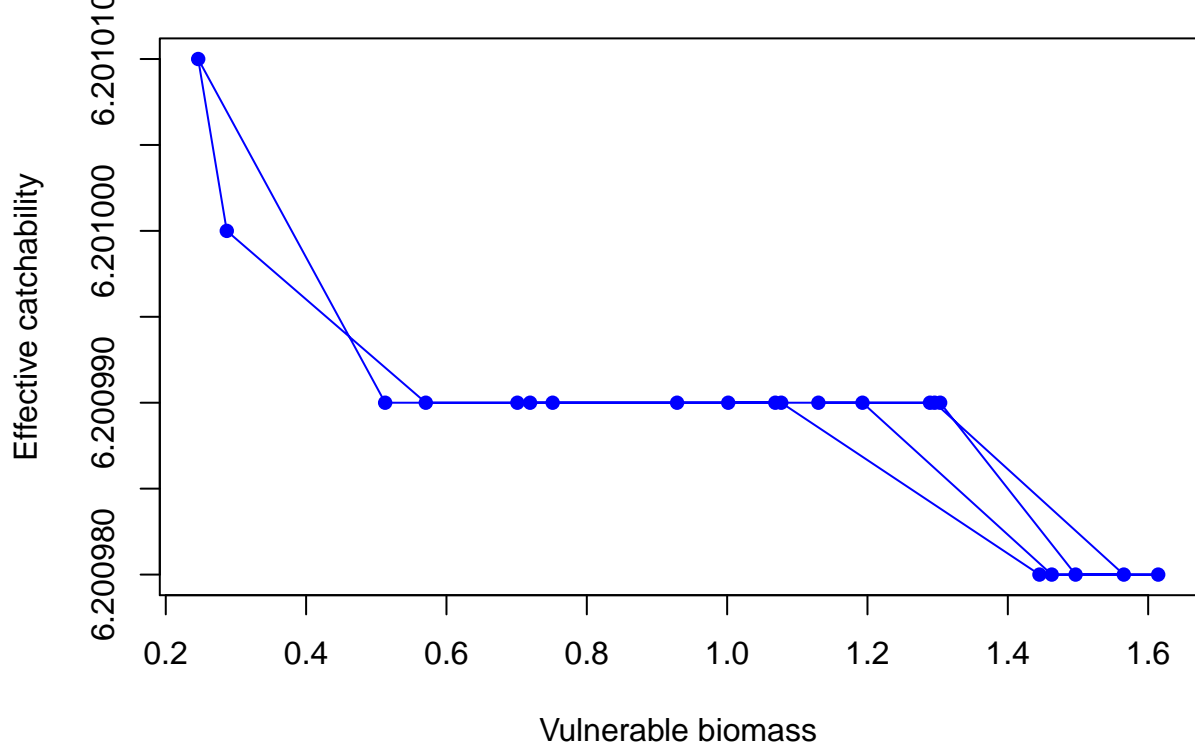


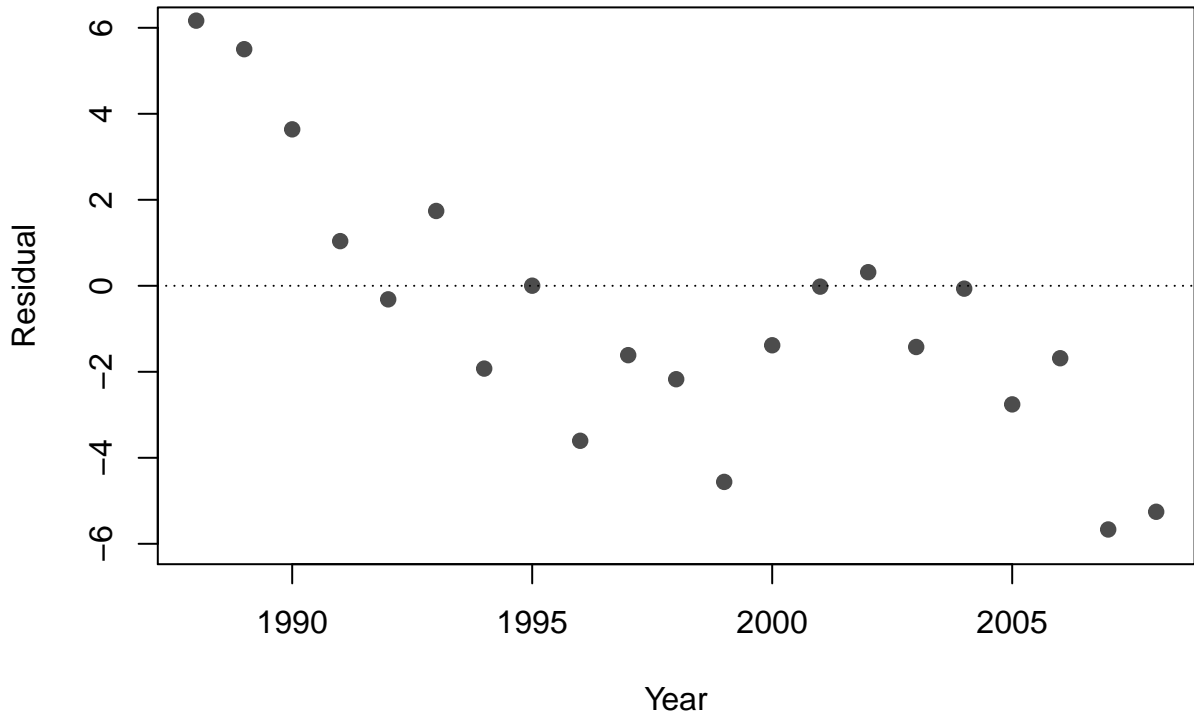


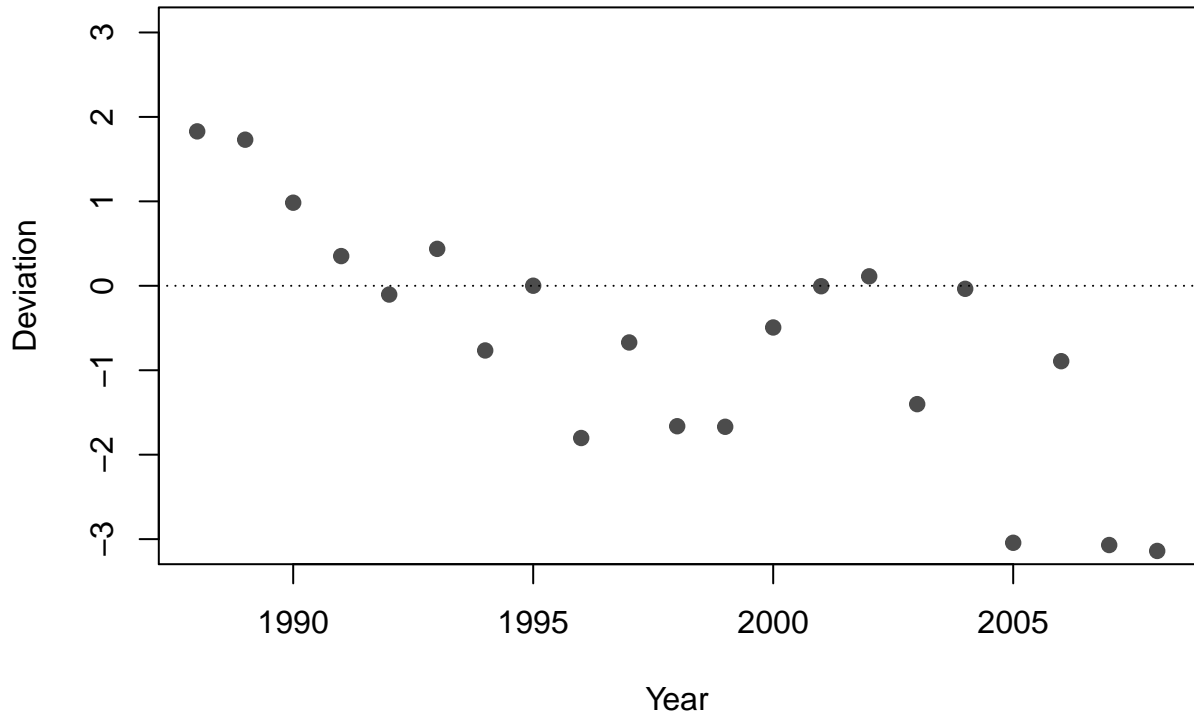






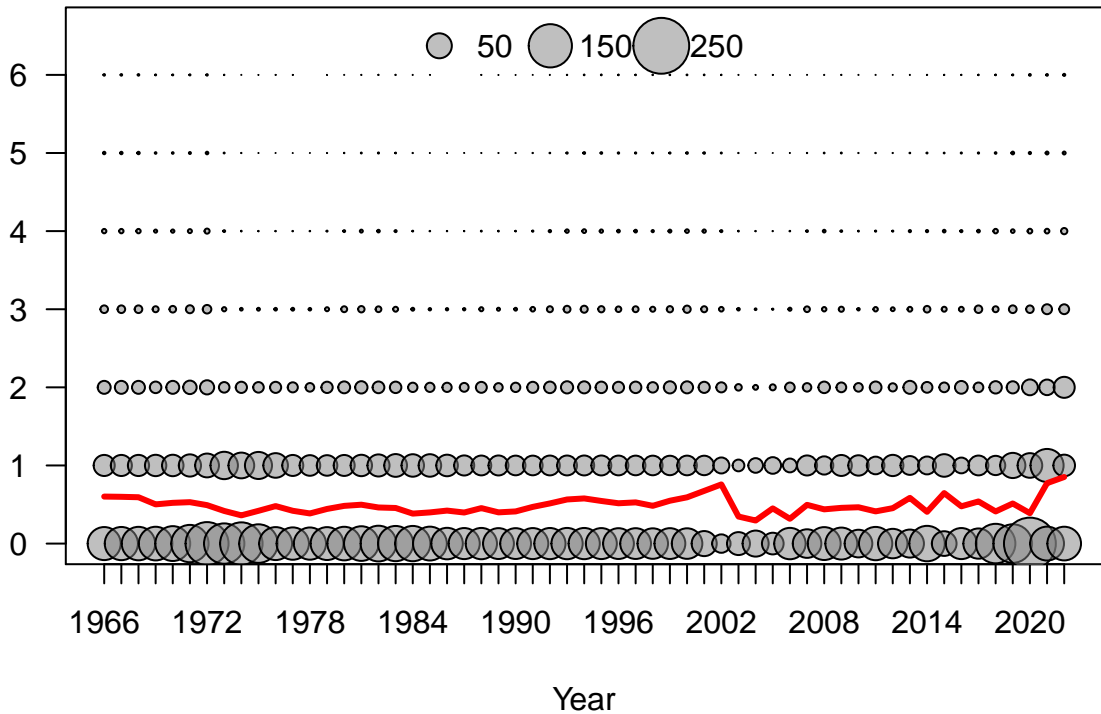




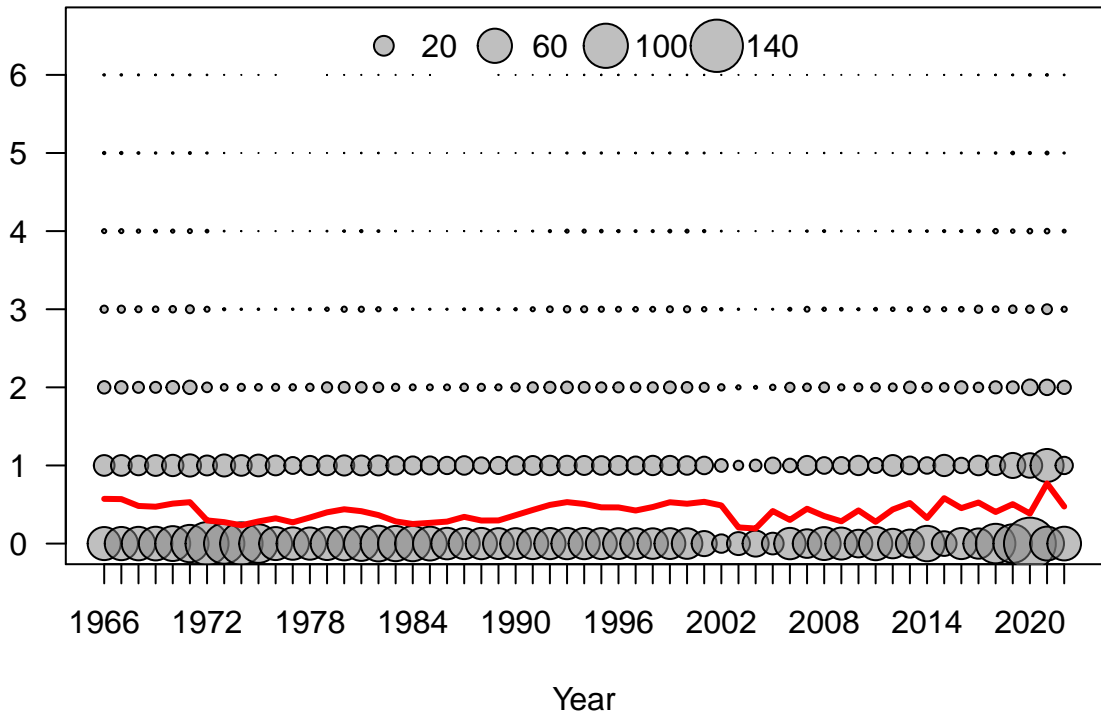


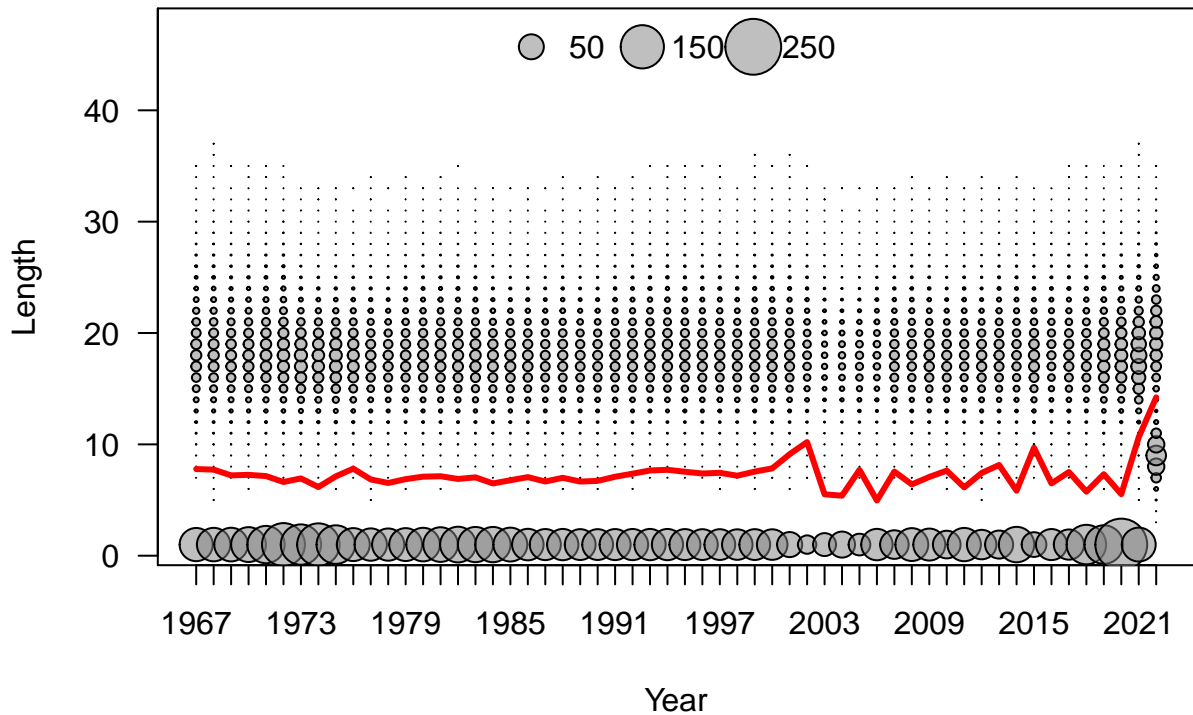


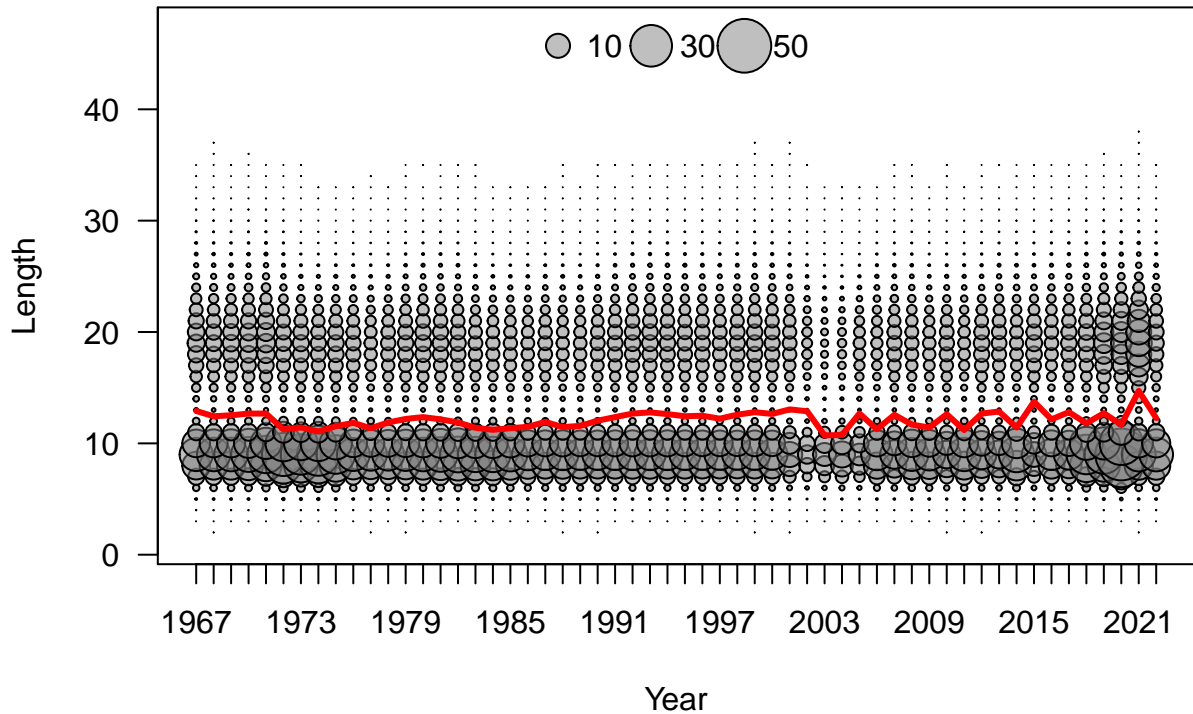
Age

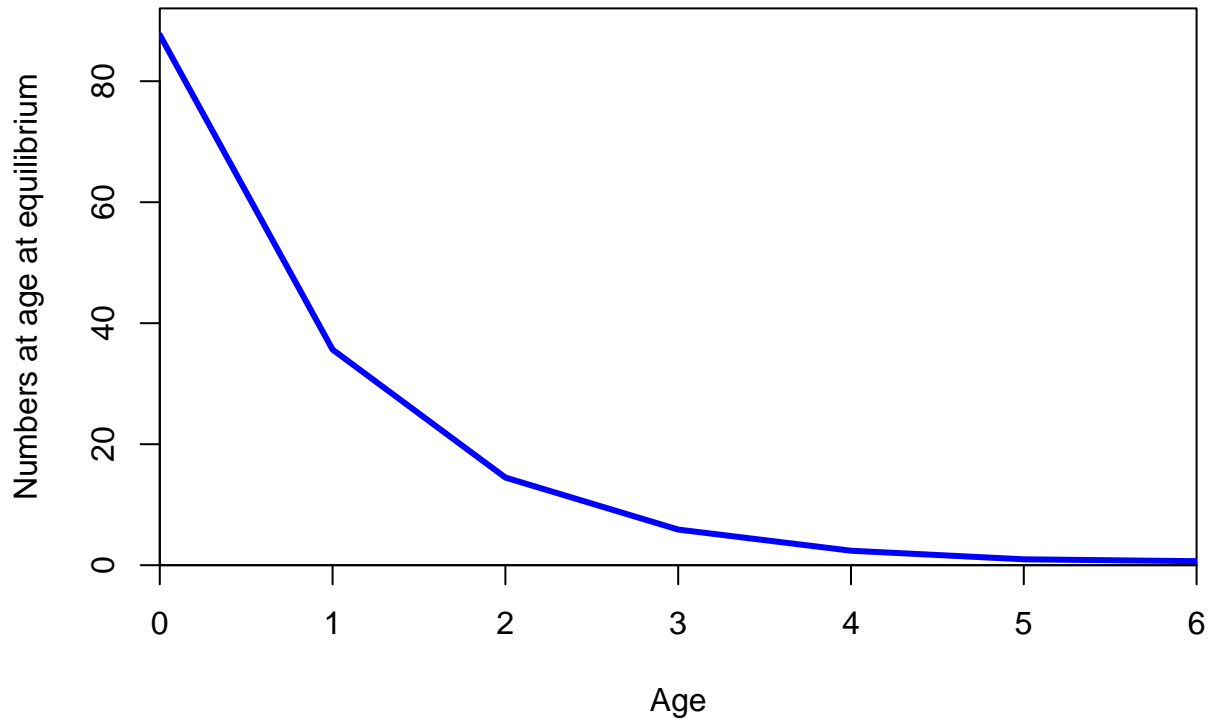


Age



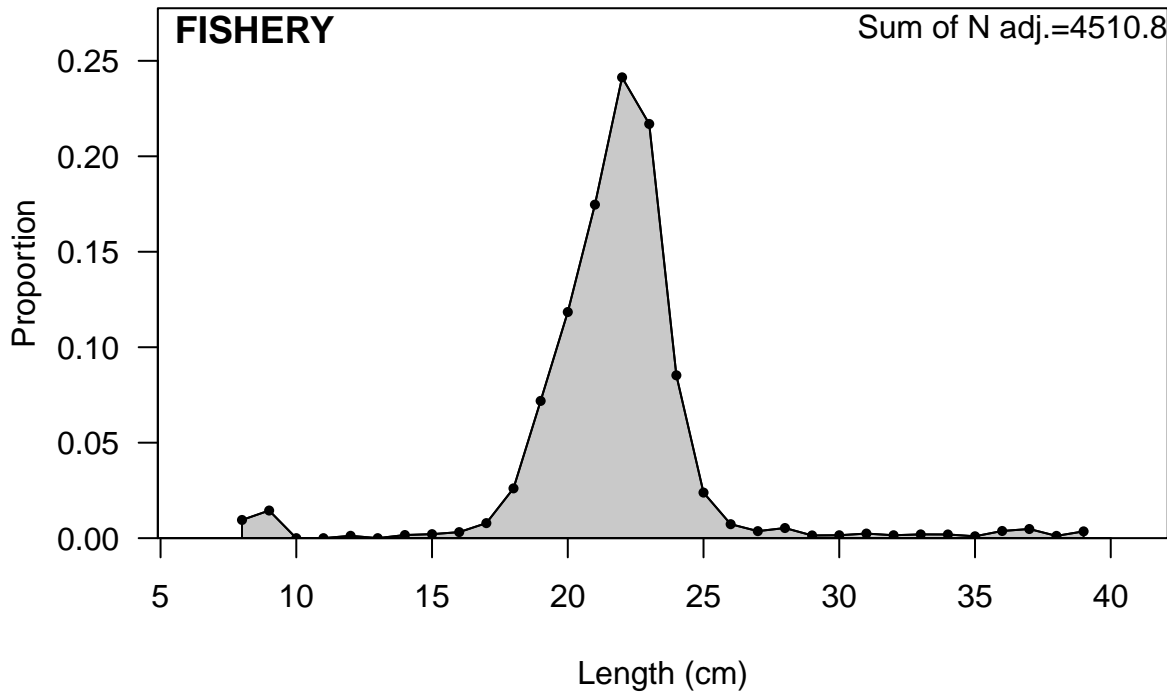


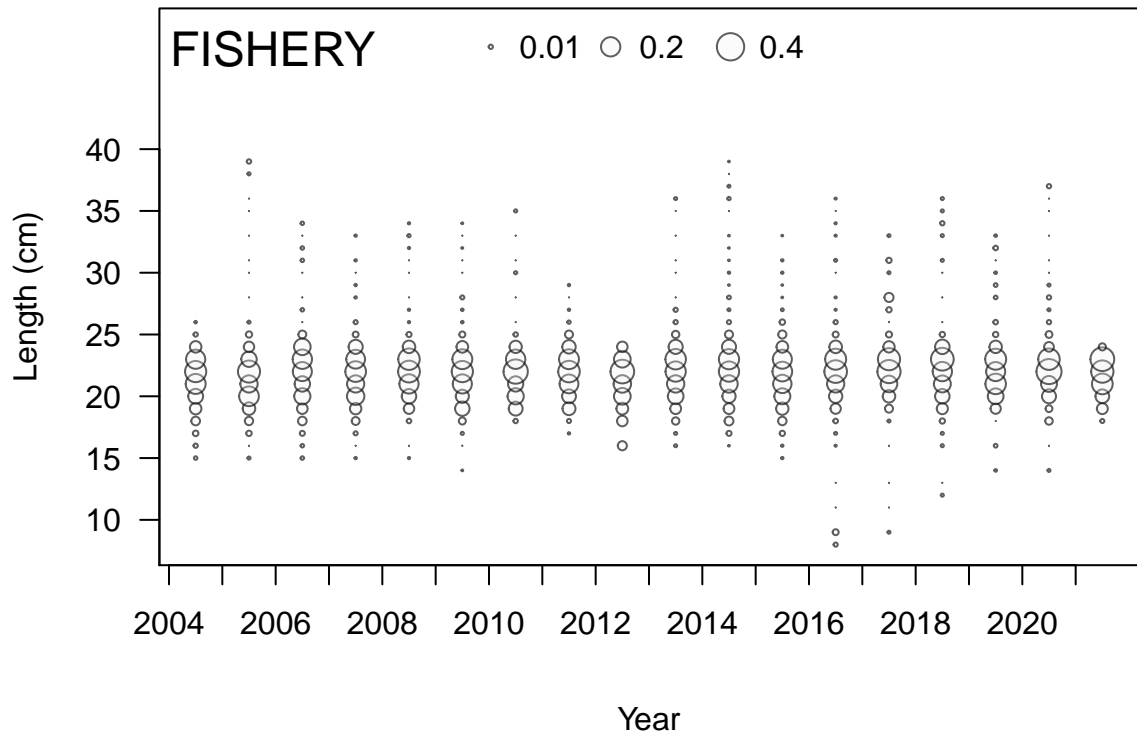


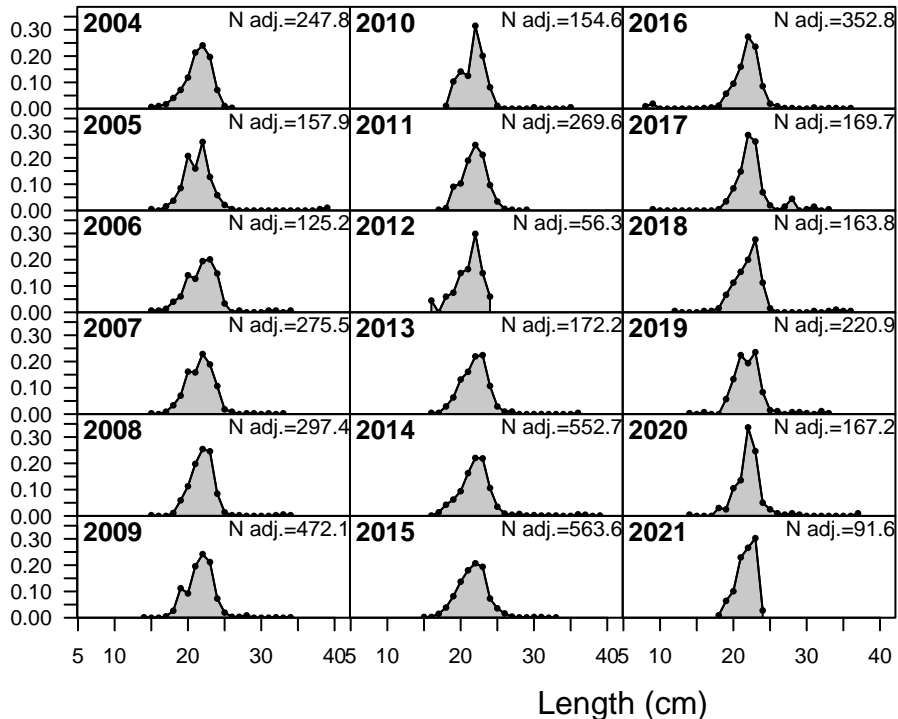


FISHERY

Sum of N adj.=4510.8

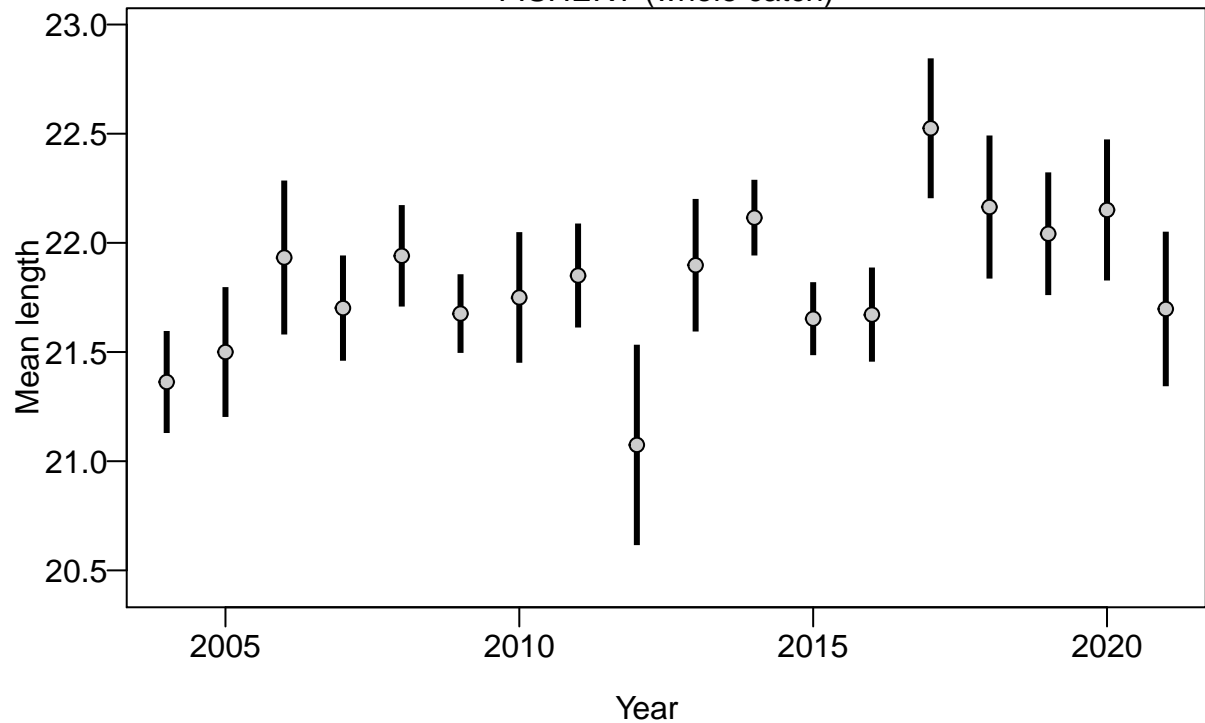






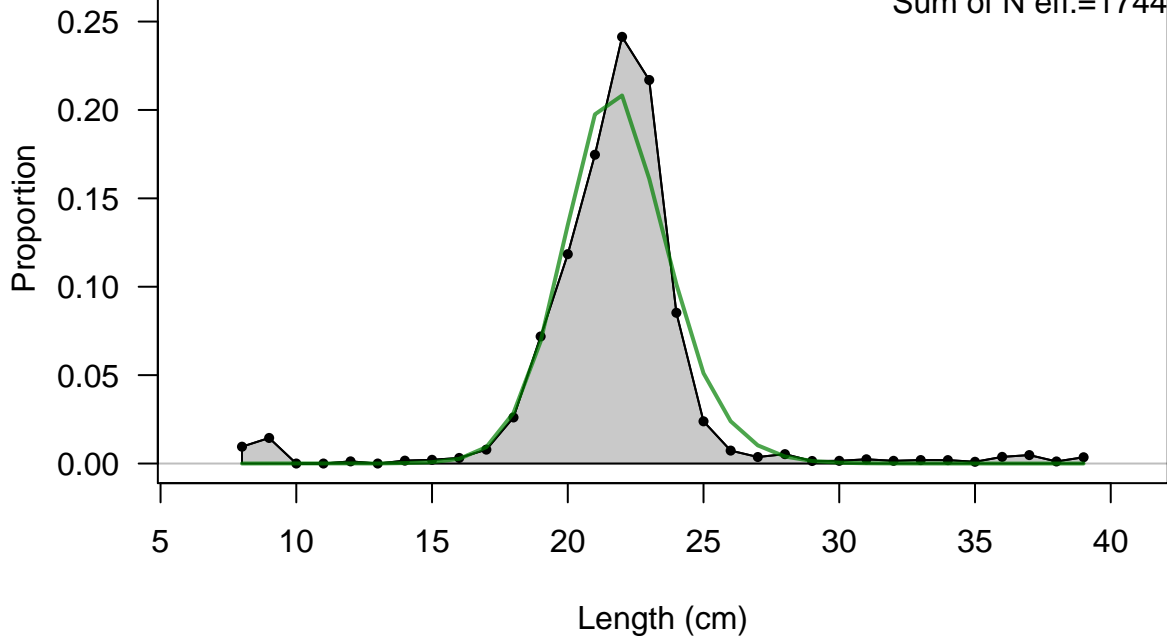


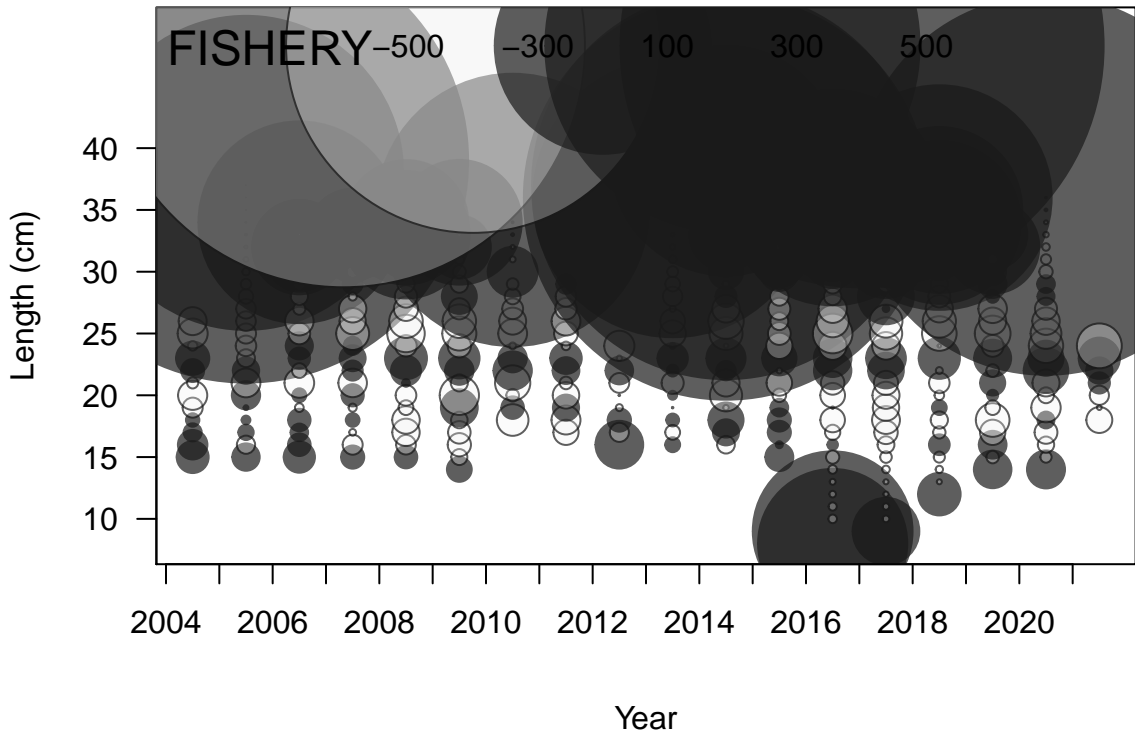
FISHERY (whole catch)

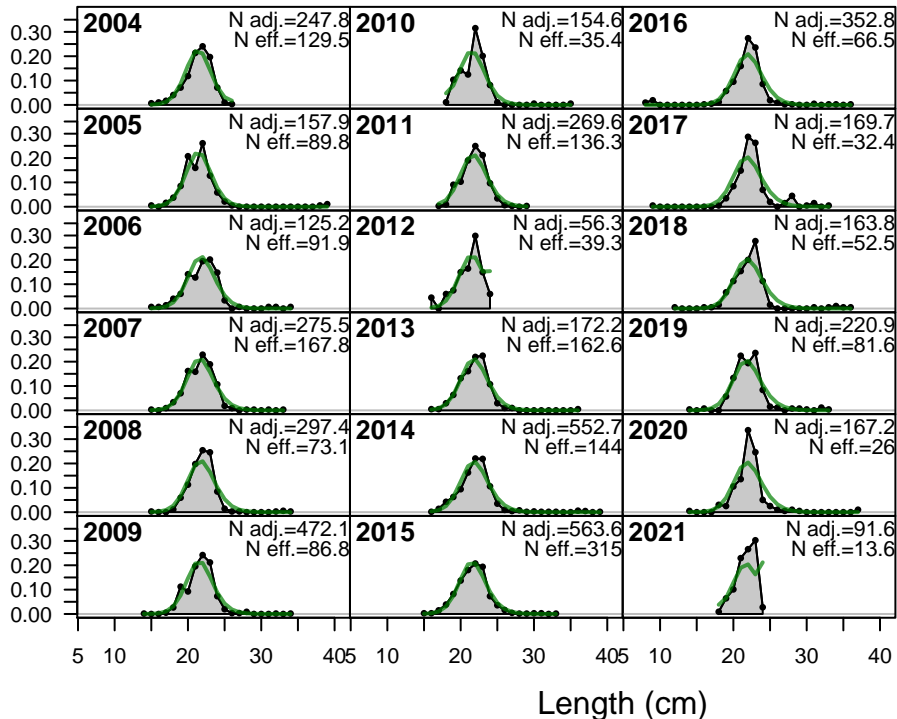


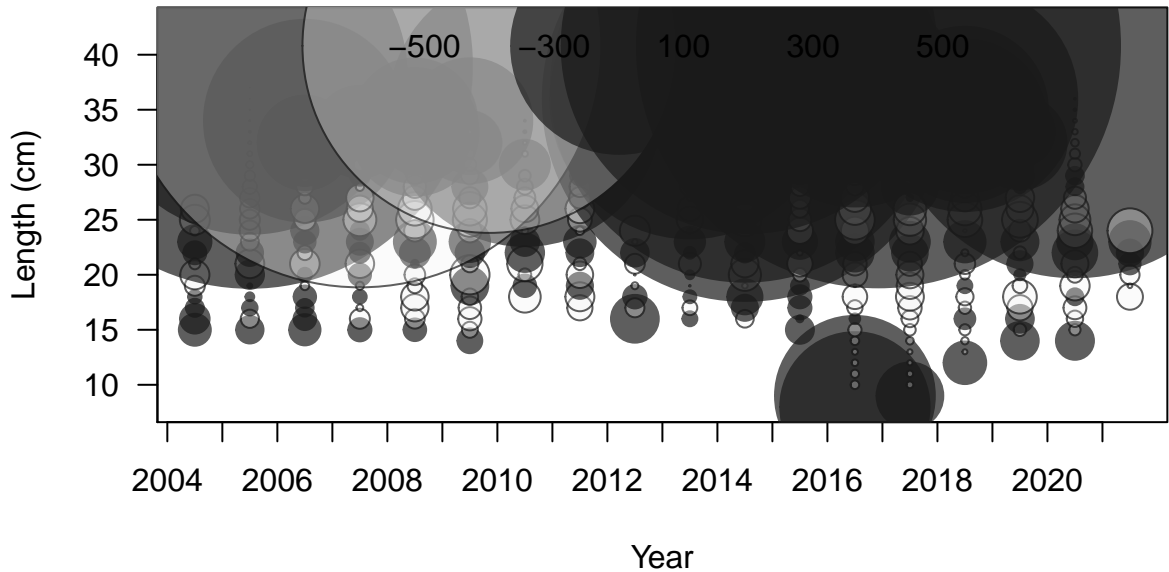
FISHERY

Sum of N adj.=4510.8
Sum of N eff.=1744

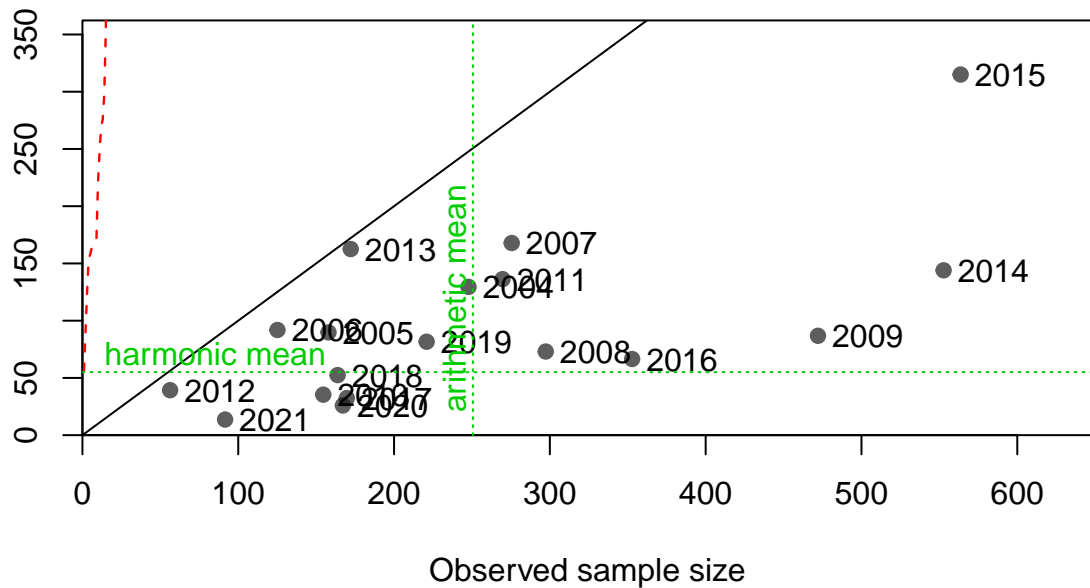




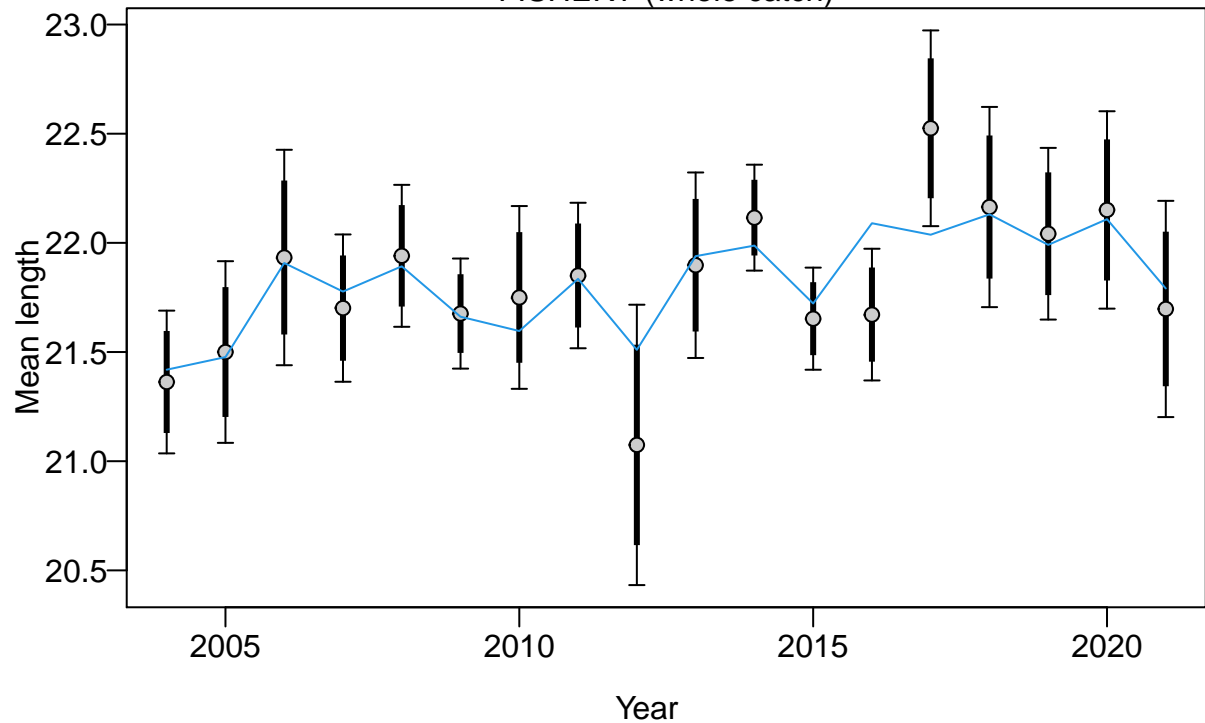


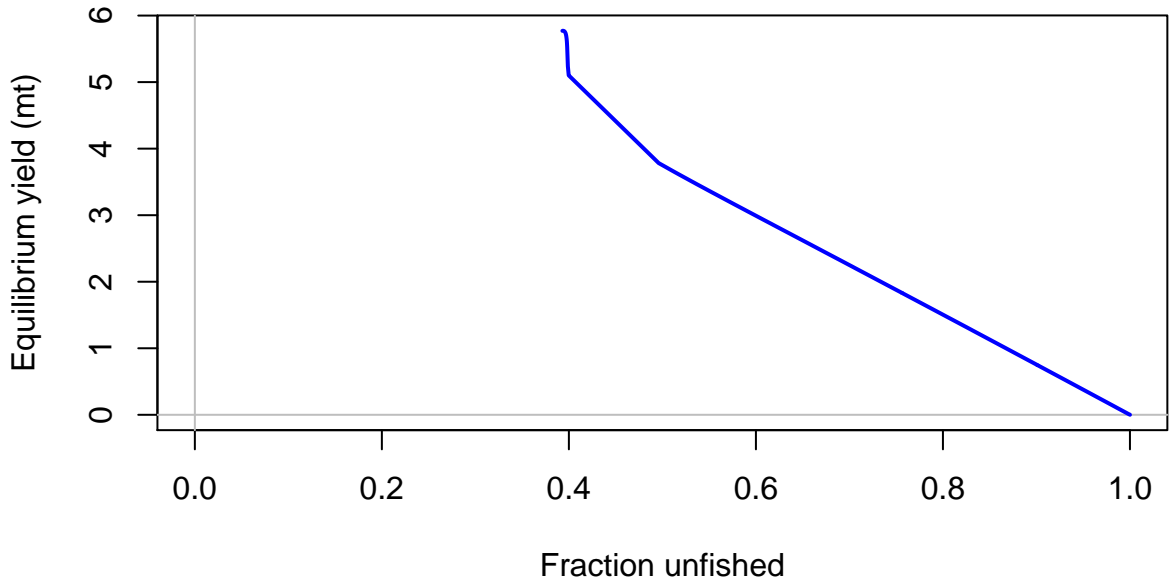


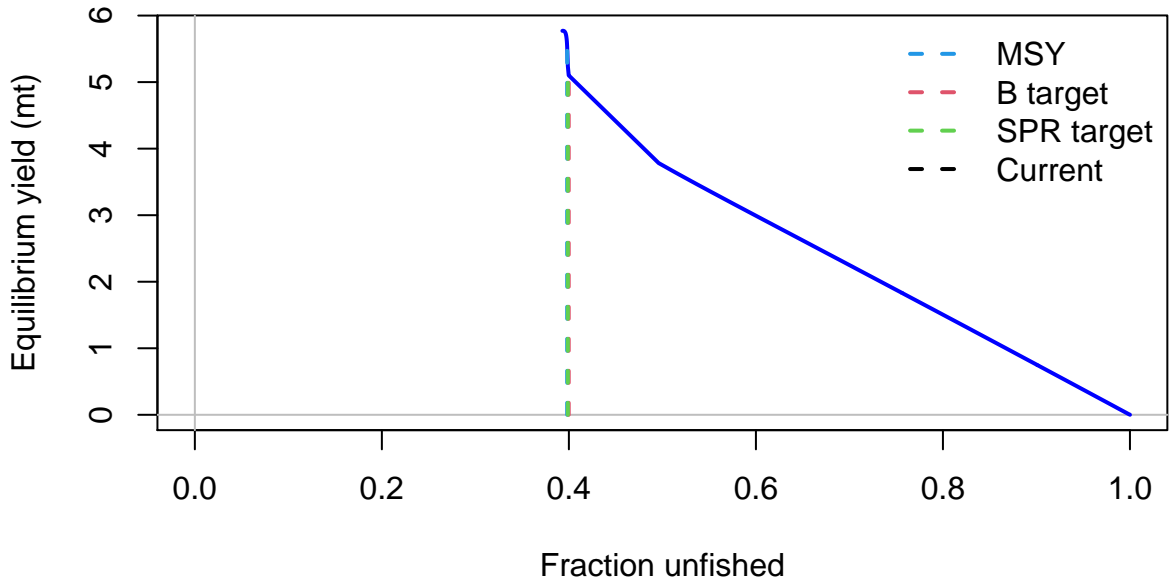
Effective sample size

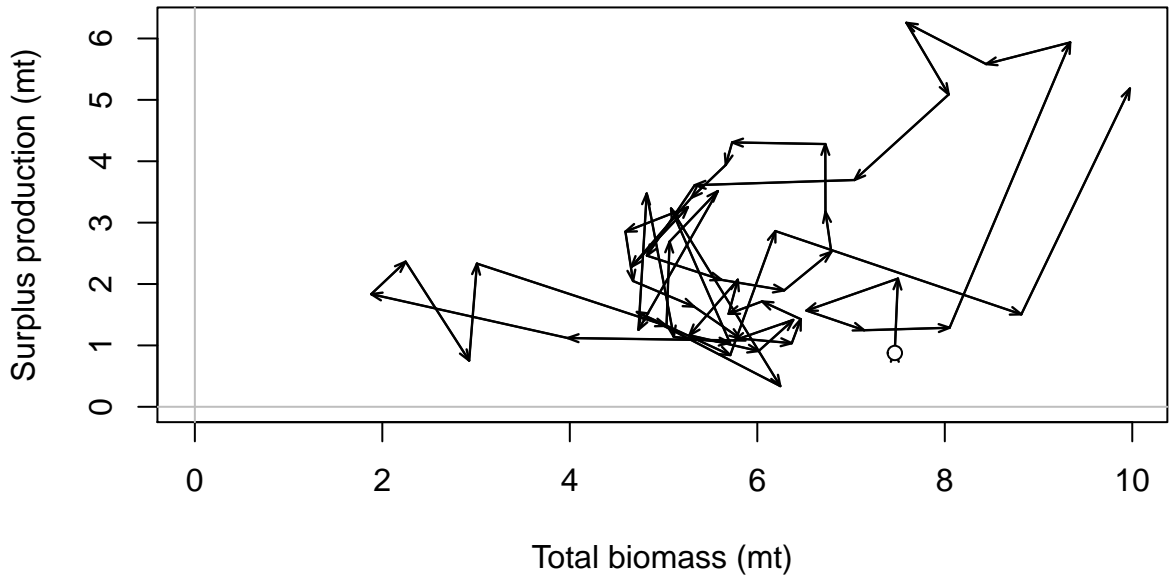


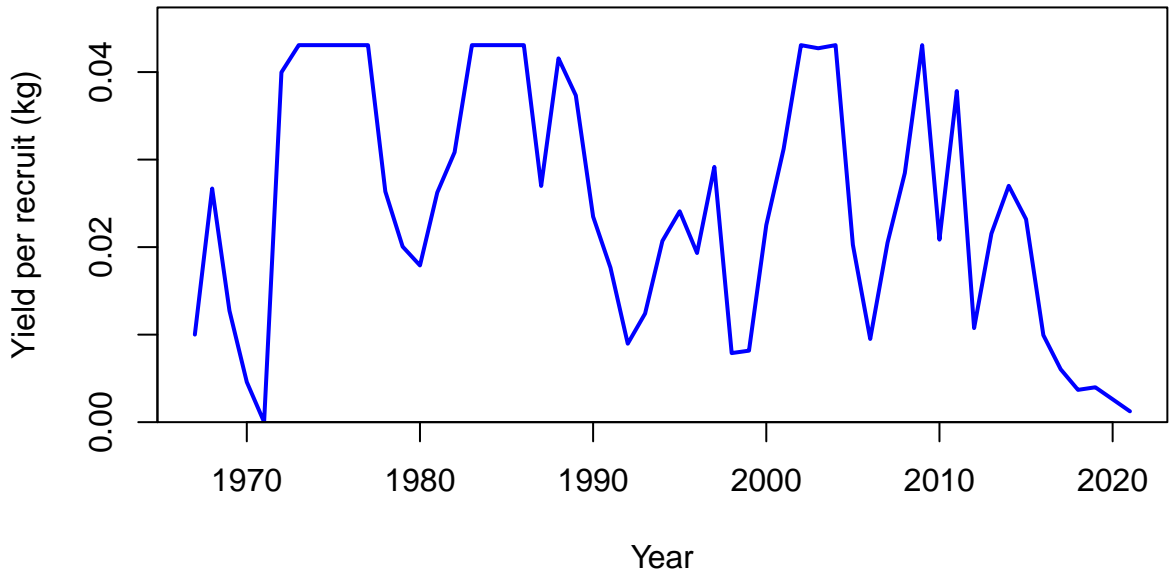
FISHERY (whole catch)



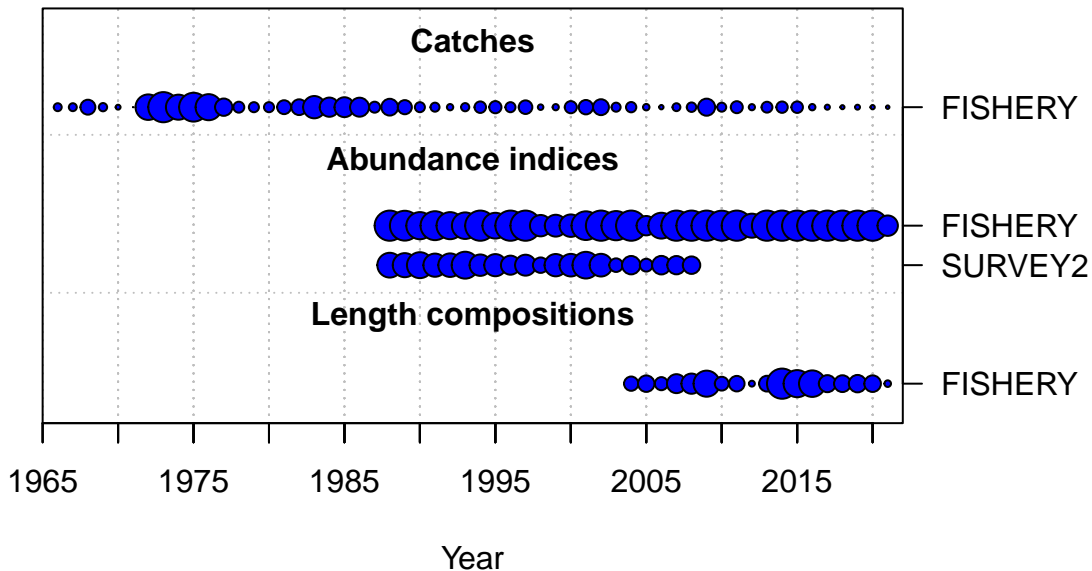






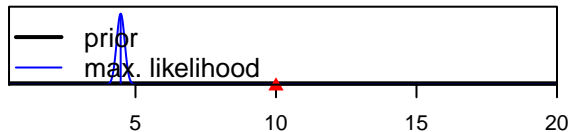




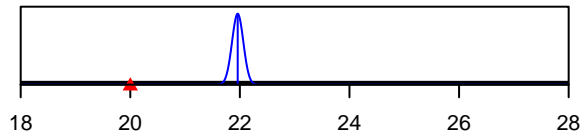


Density

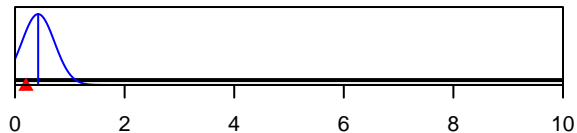
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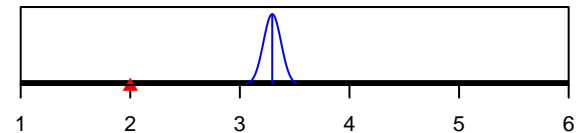
Size_inflection_FISHERY(1)



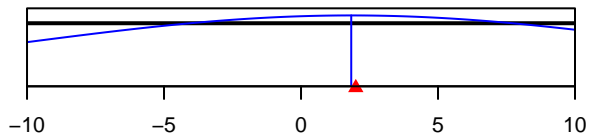
InitF_seas_1_flt_1FISHERY



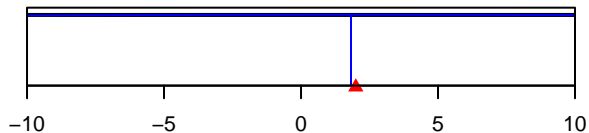
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)



Parameter value