

Plots created using the 'r4ss' package in R

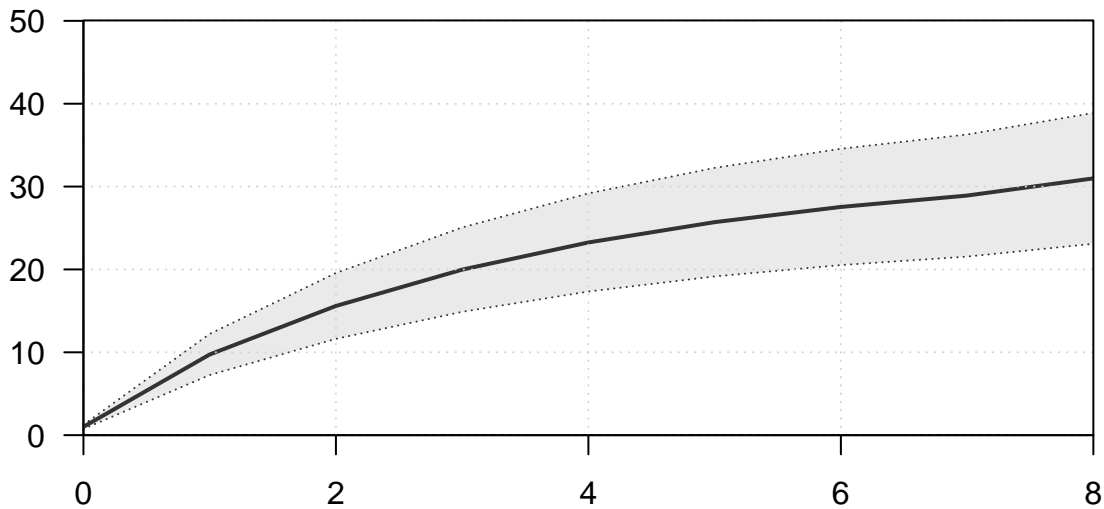
Stock Synthesis version: 3.30.19.0

StartTime: Sat Jul 09 09:34:33 2022

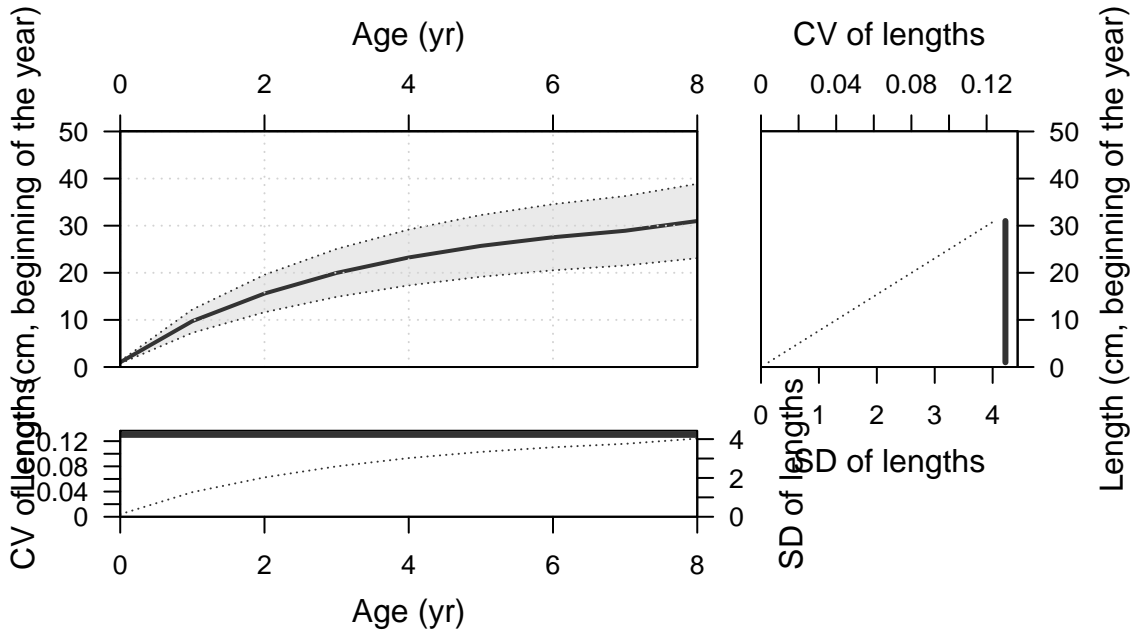
Data_File: data.ss

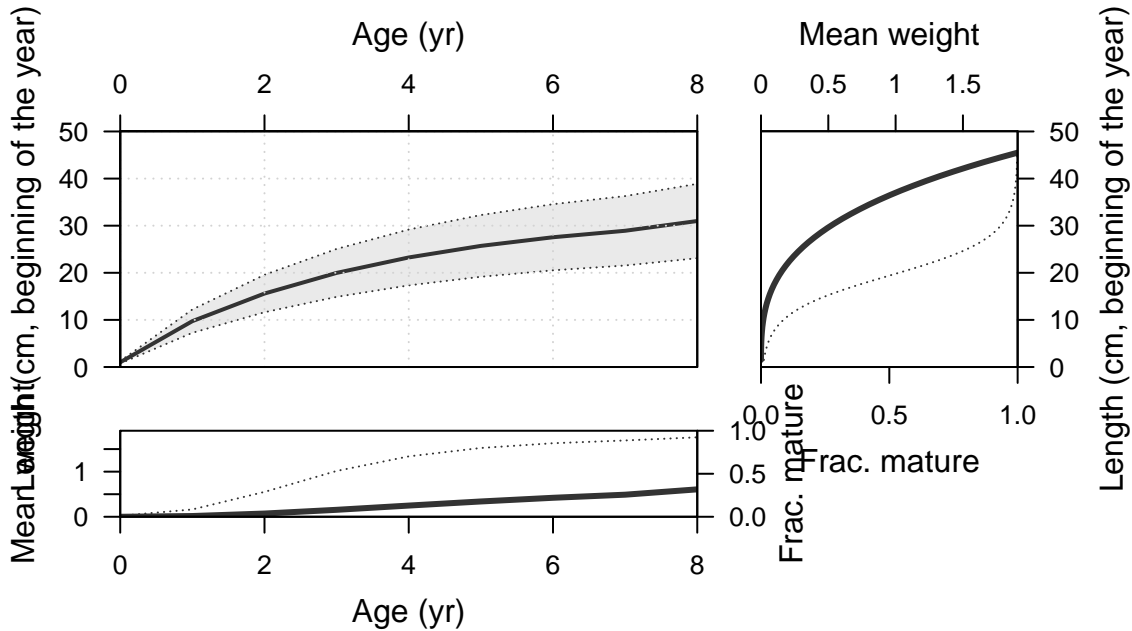
Control_File: control.ss

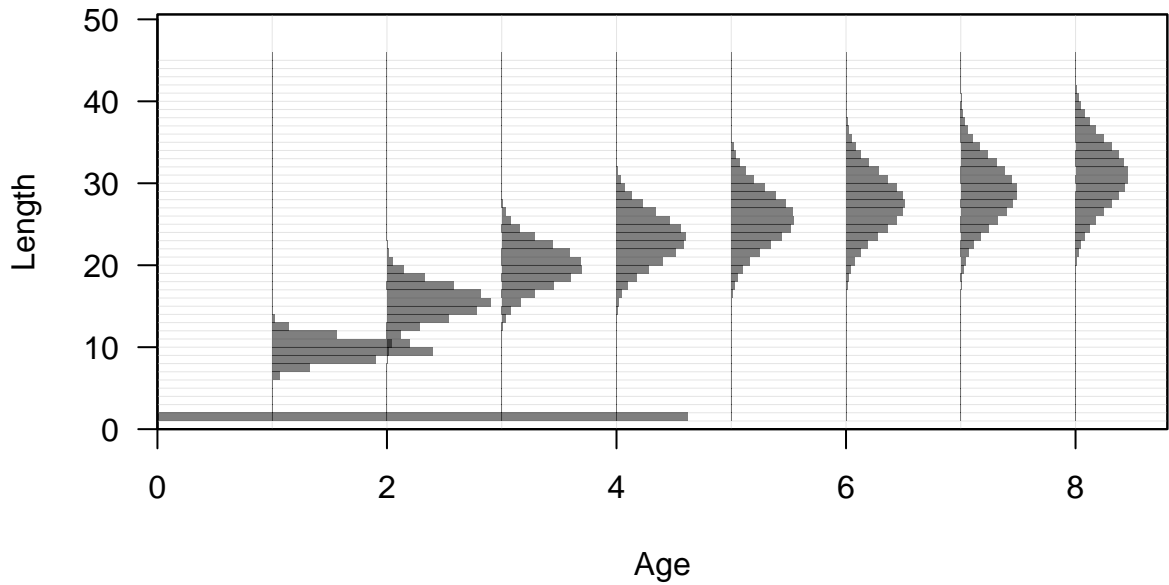
Length (cm, beginning of the year)

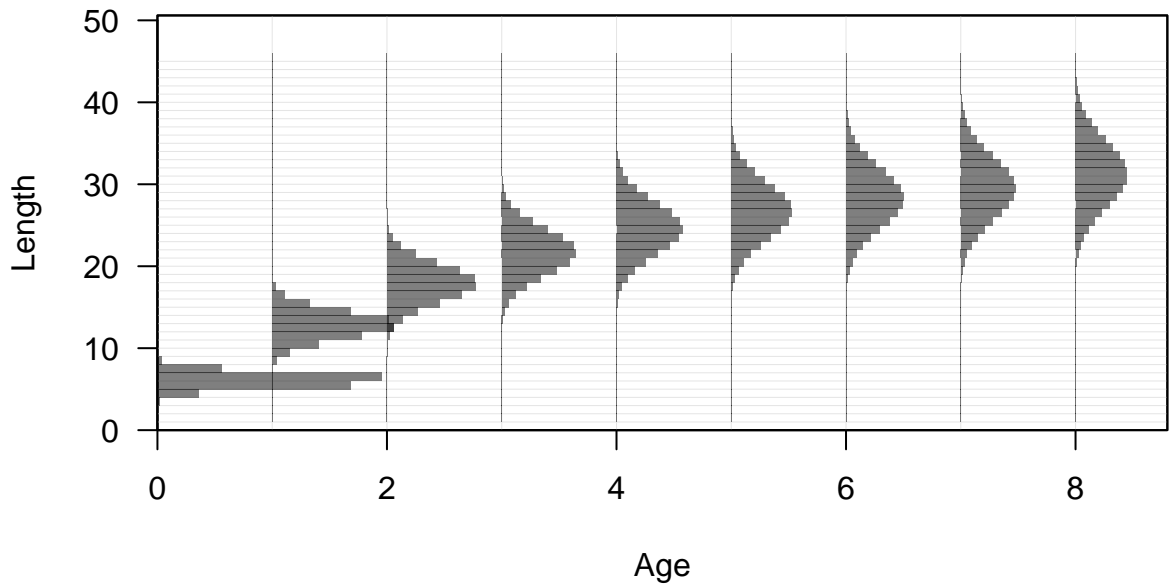


Age (yr)

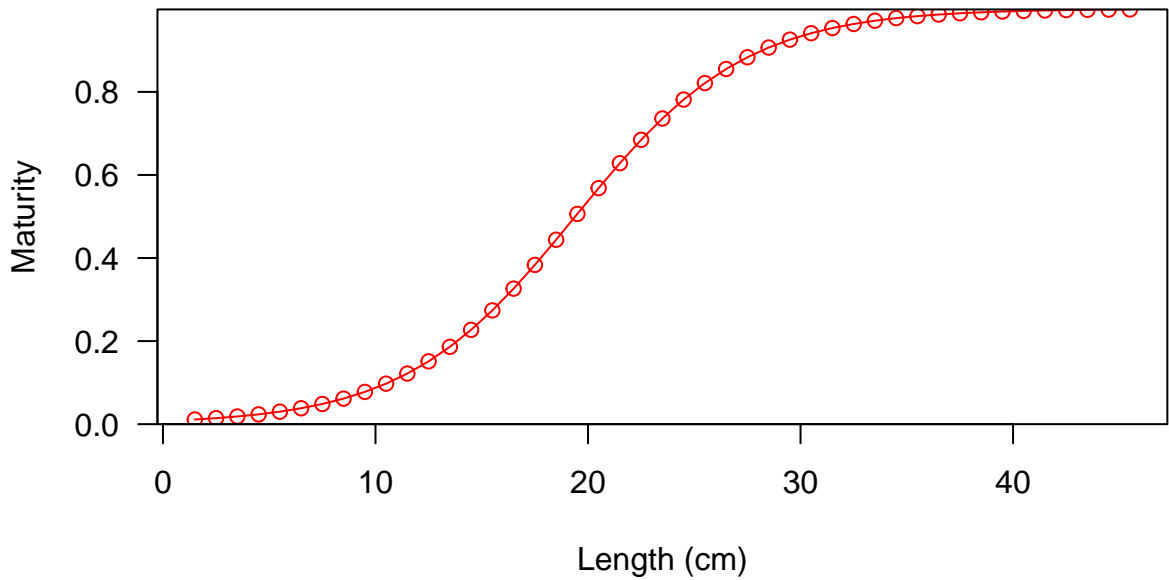




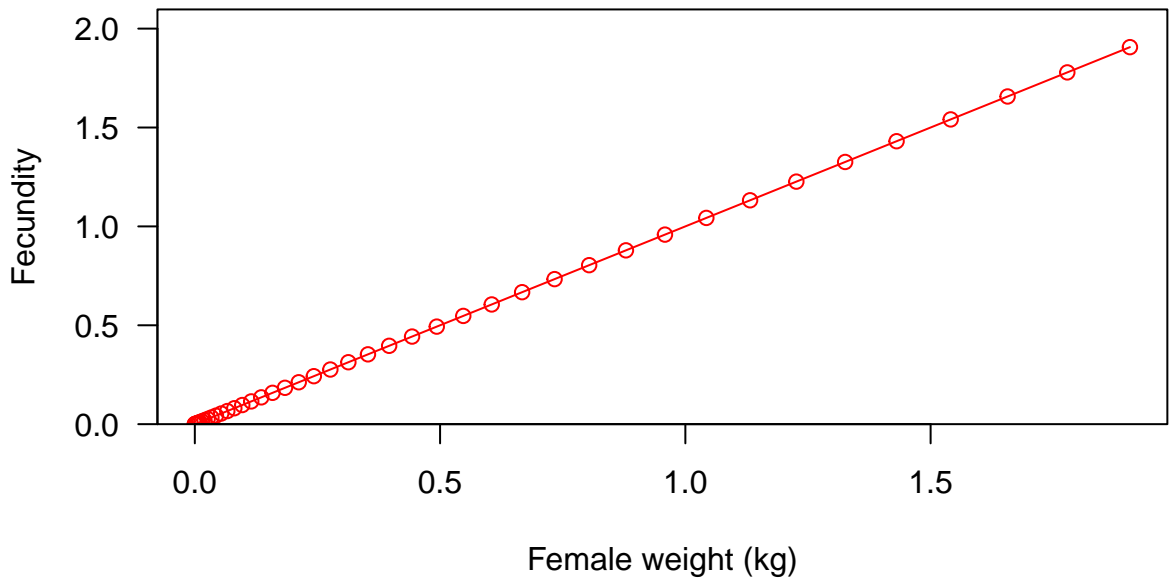




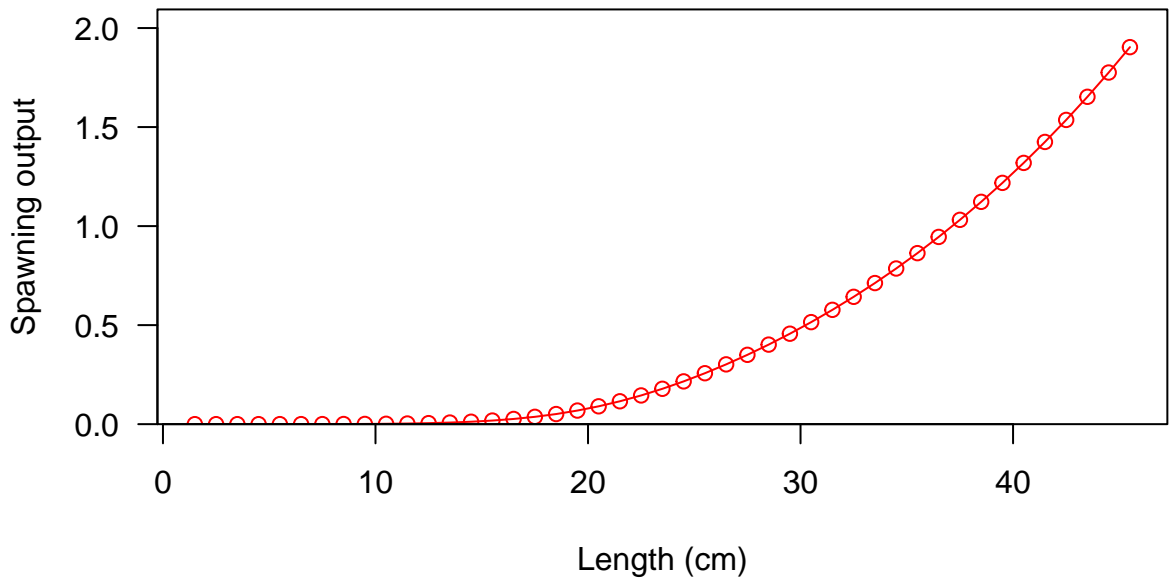


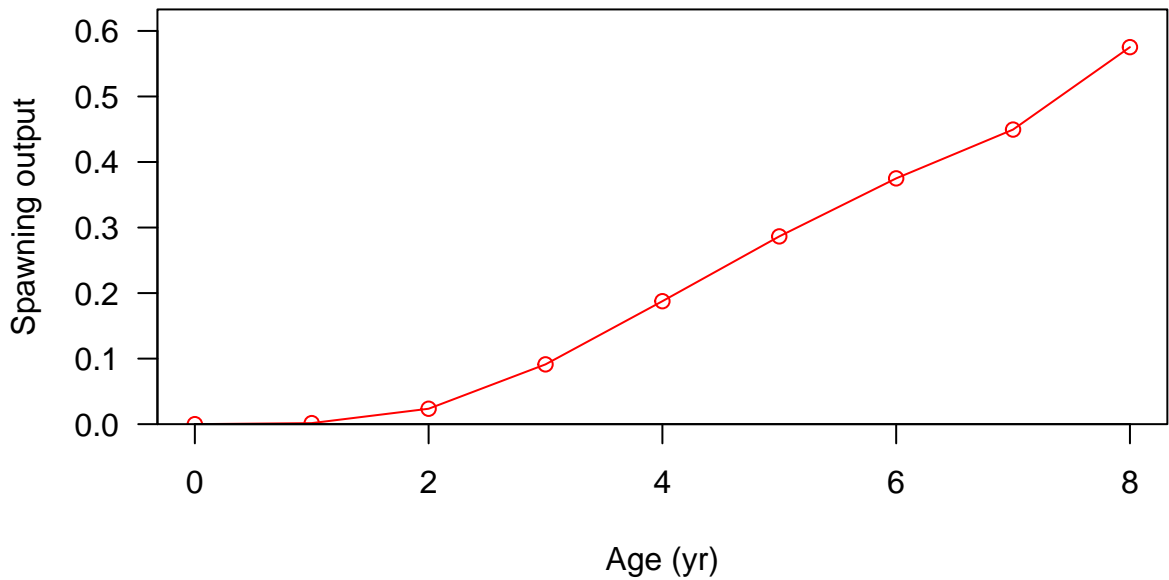




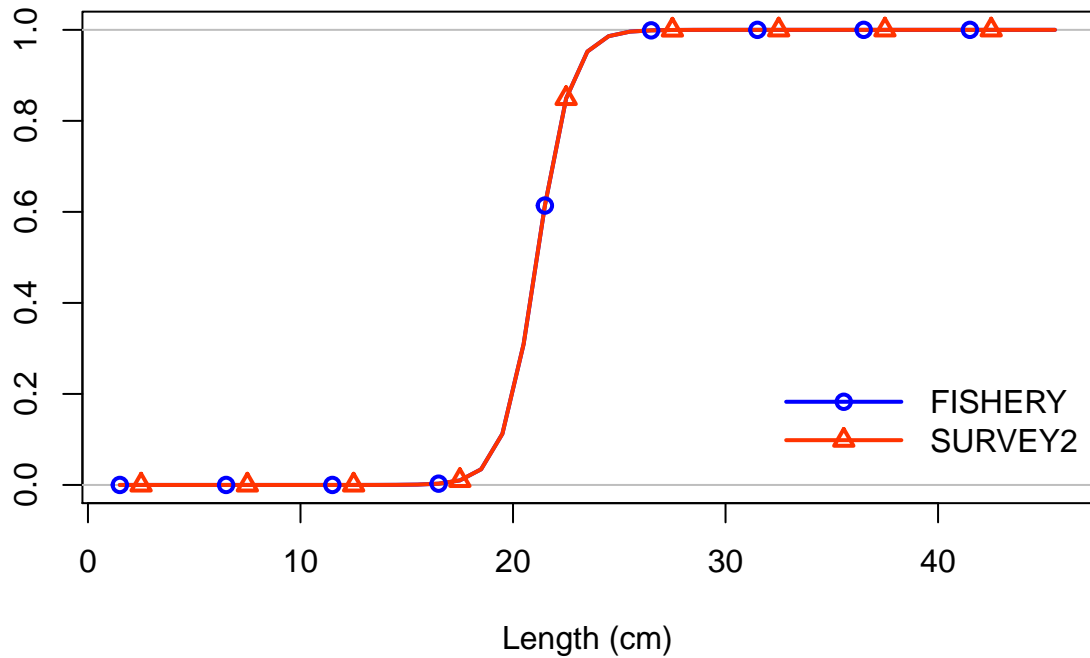




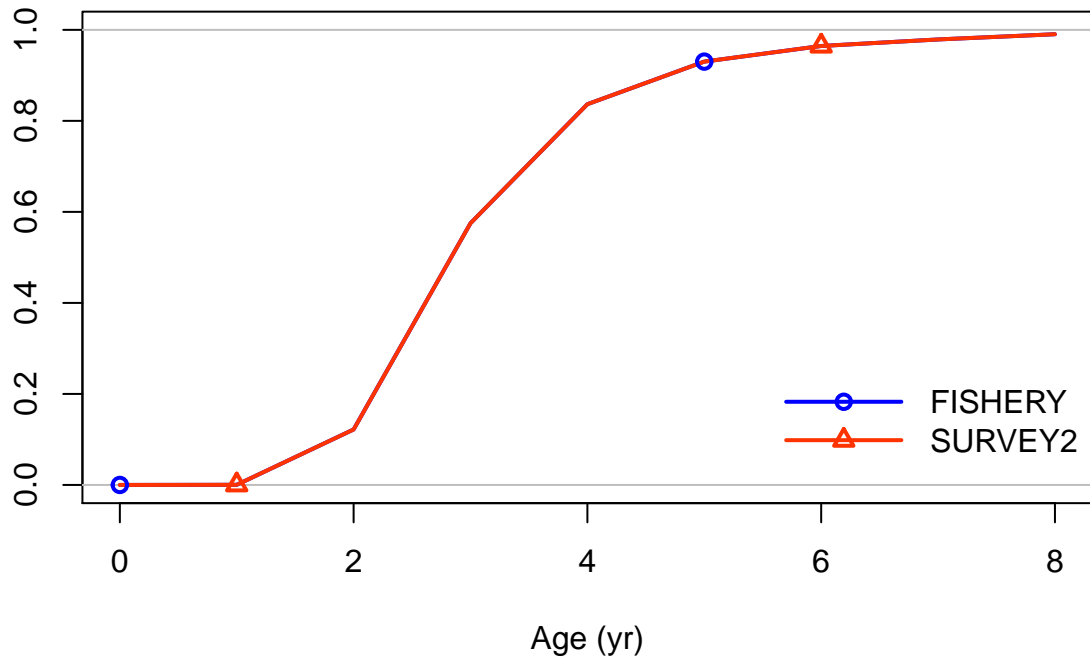




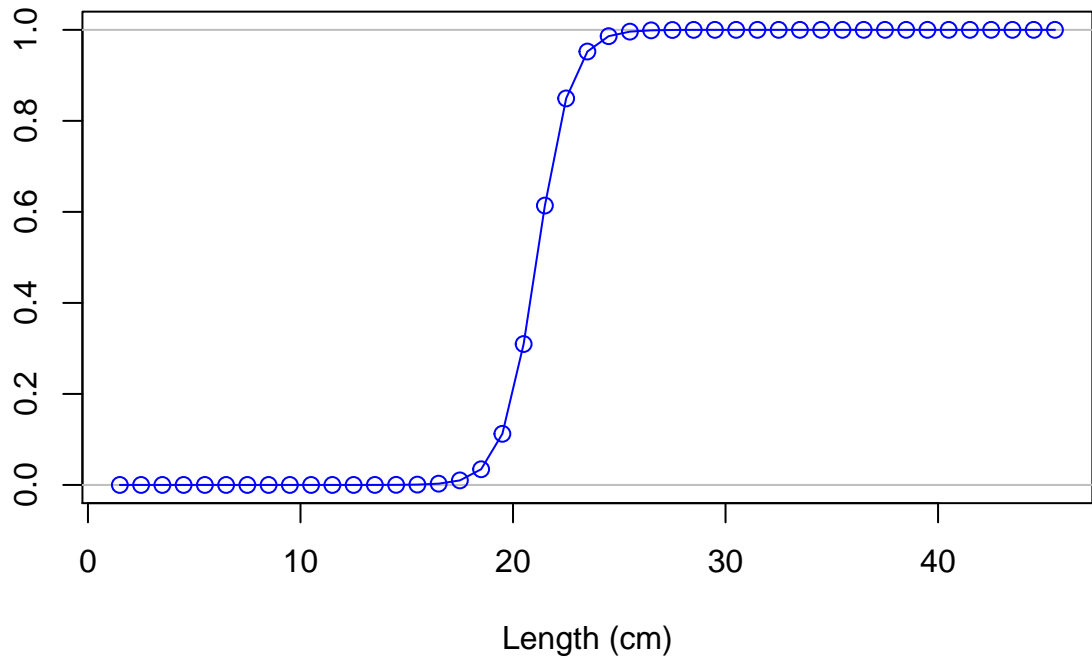
Selectivity



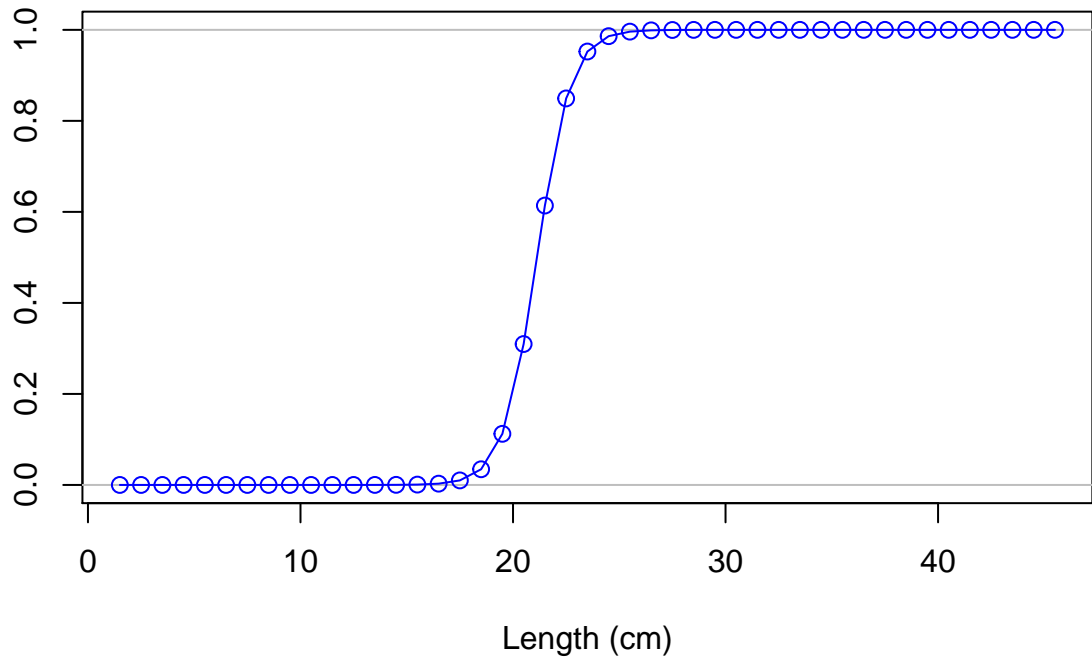
Selectivity

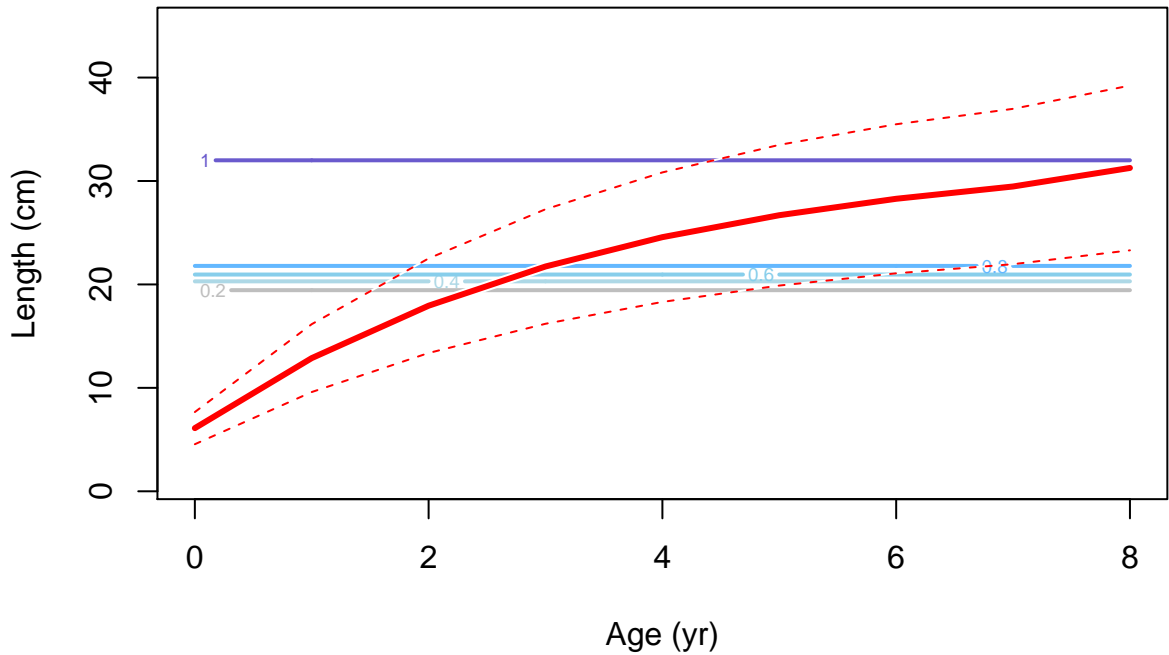


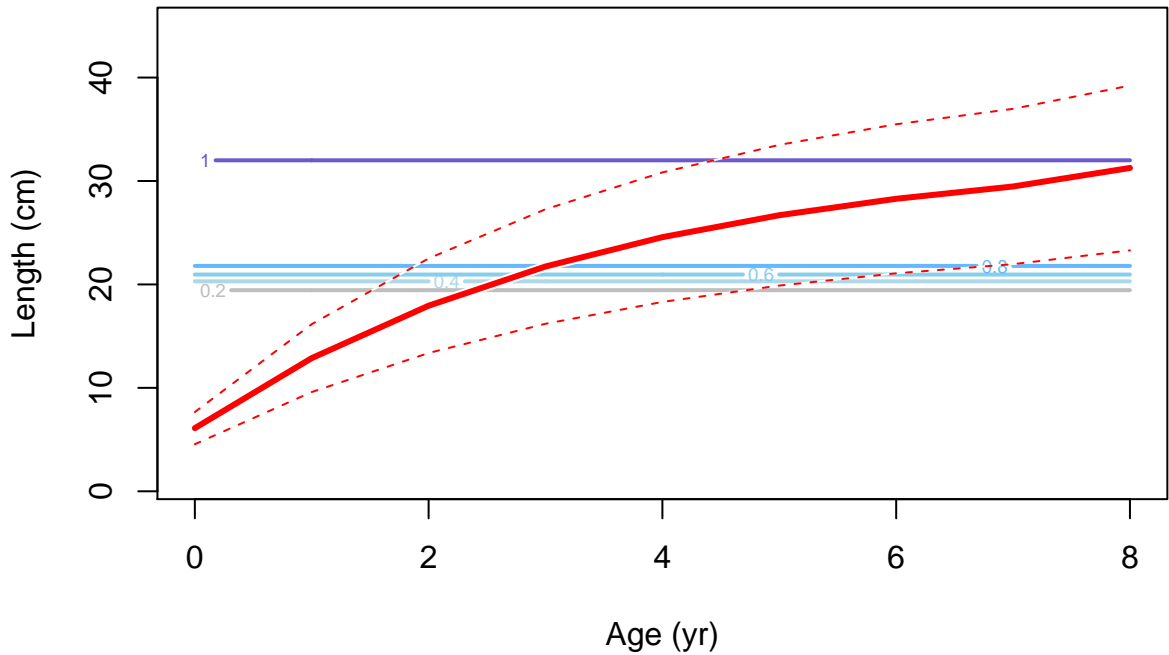
Selectivity



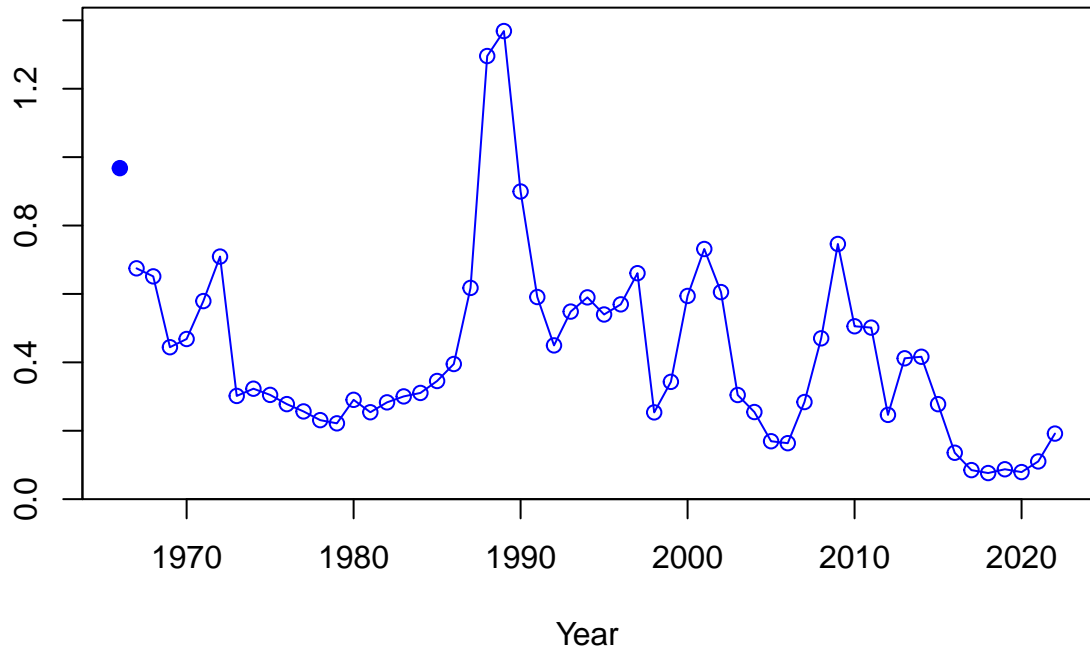
Selectivity



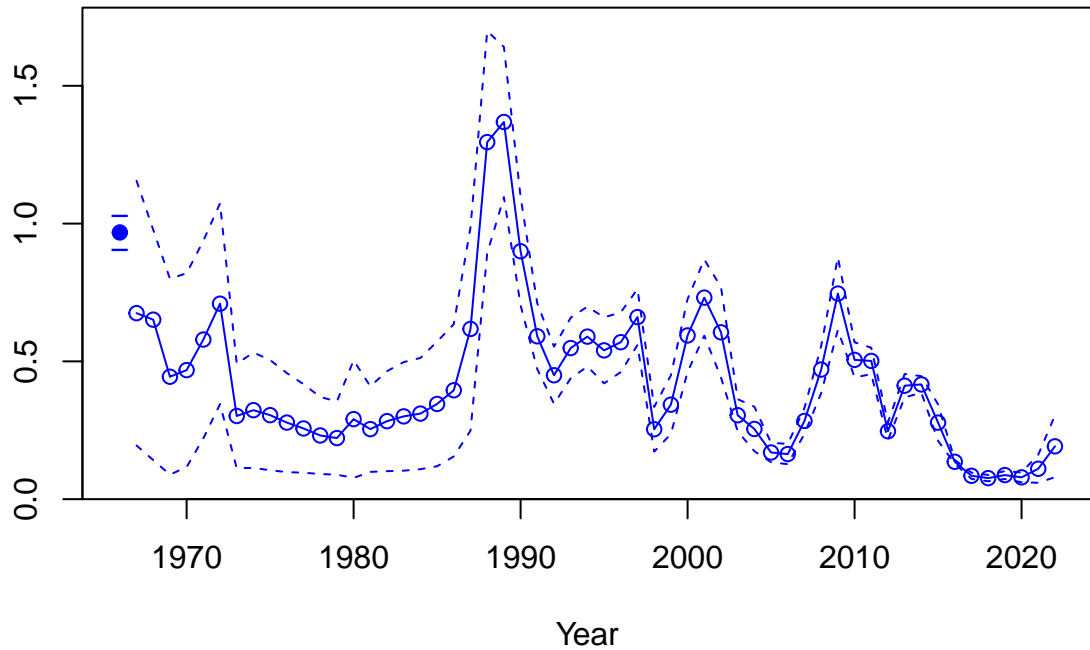




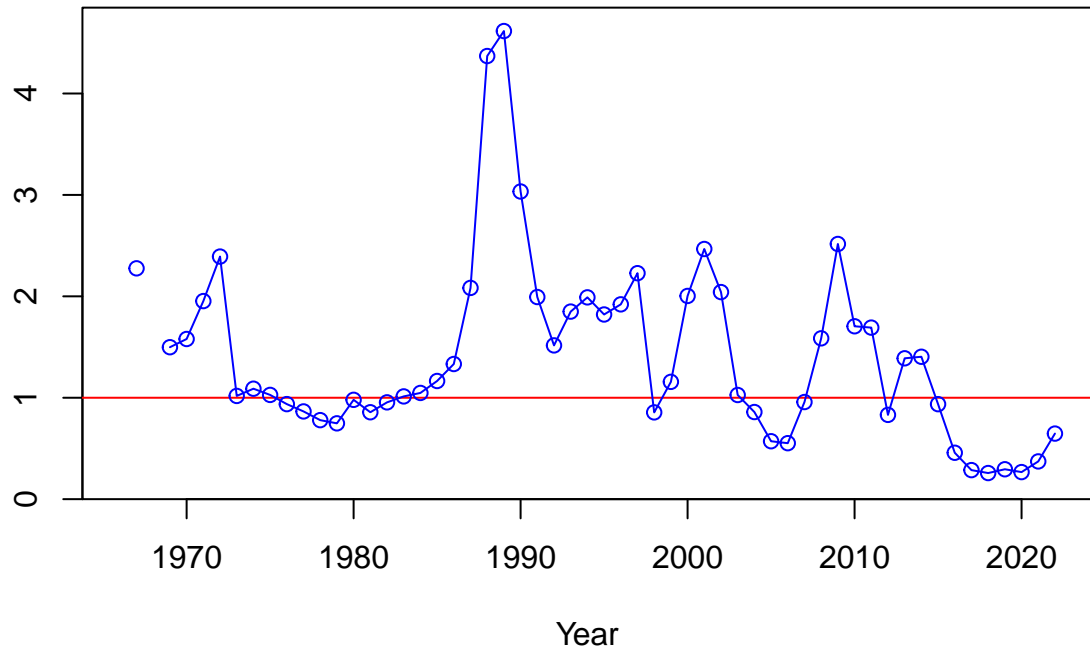
Spawning biomass (mt)



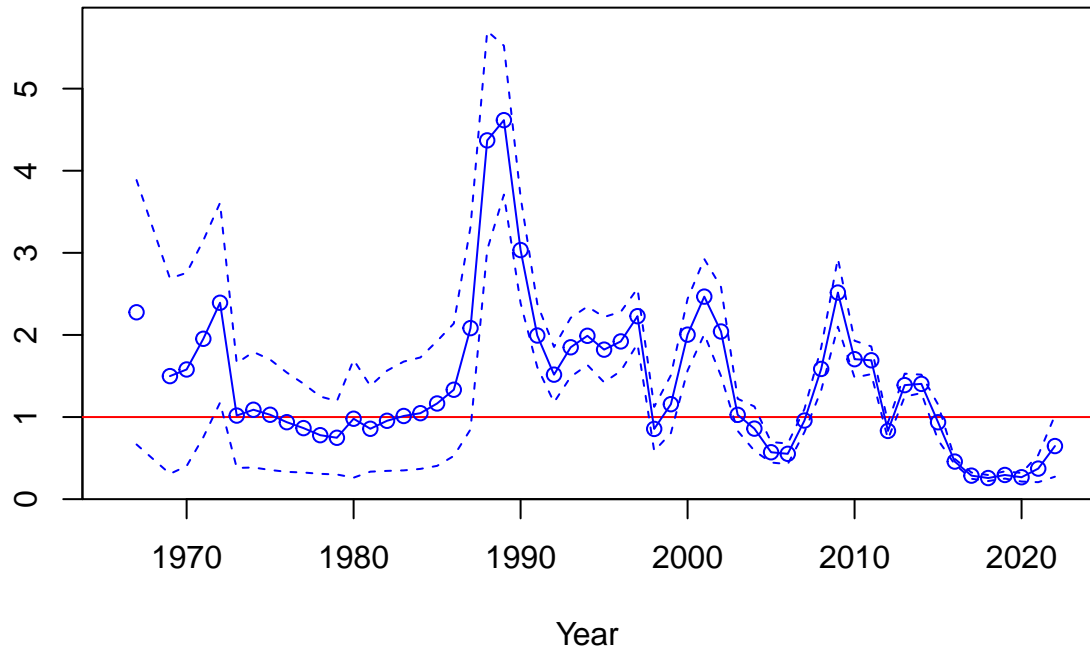
Spawning biomass (mt)

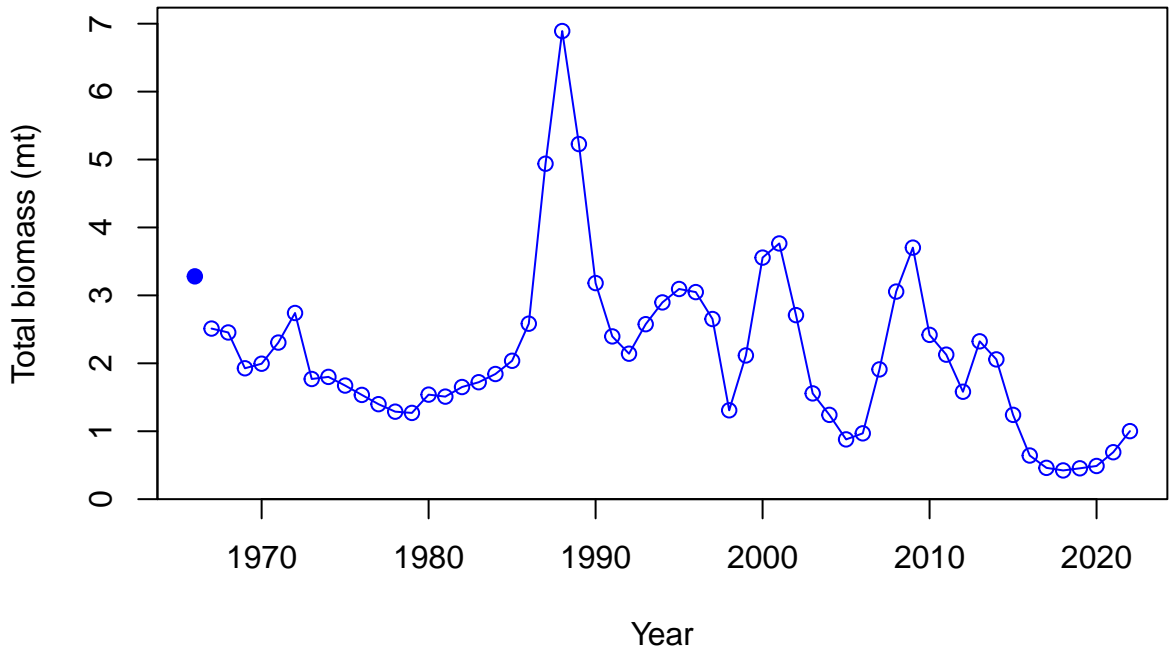


Relative spawning biomass: B/B_{MSY}

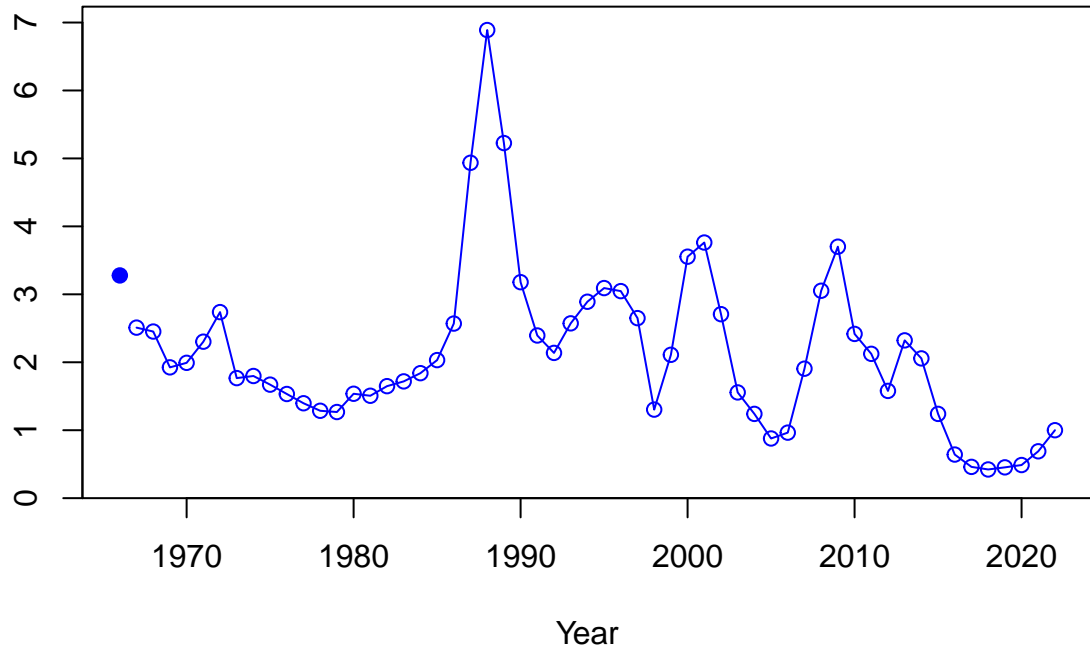


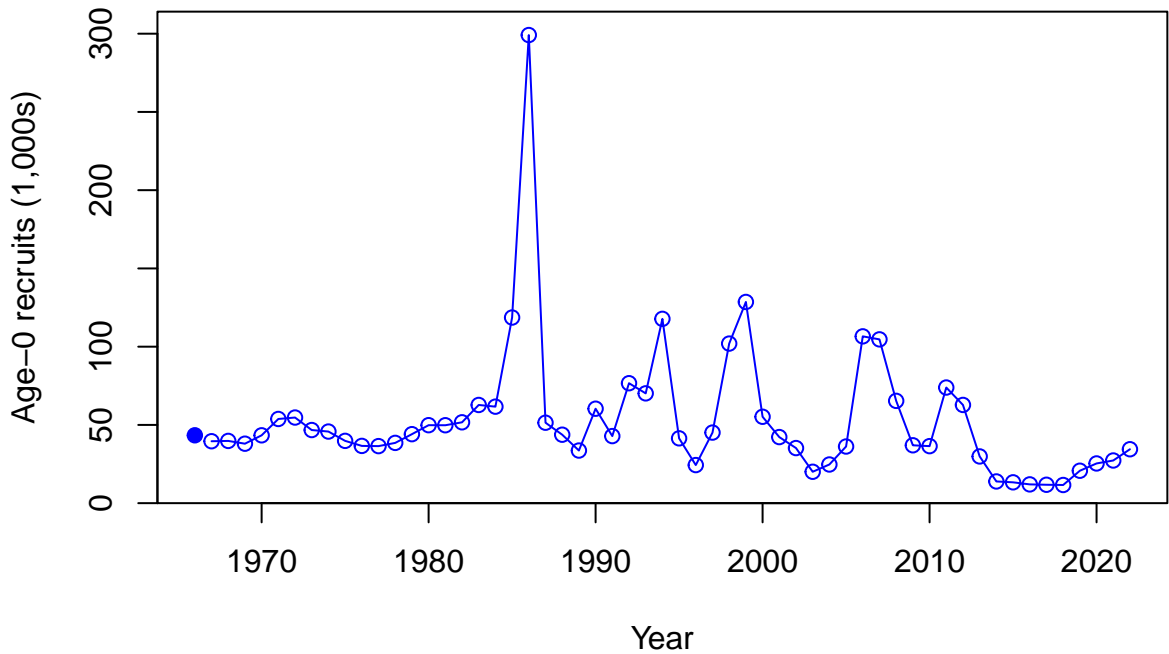
Relative spawning biomass: B/B_{MSY}



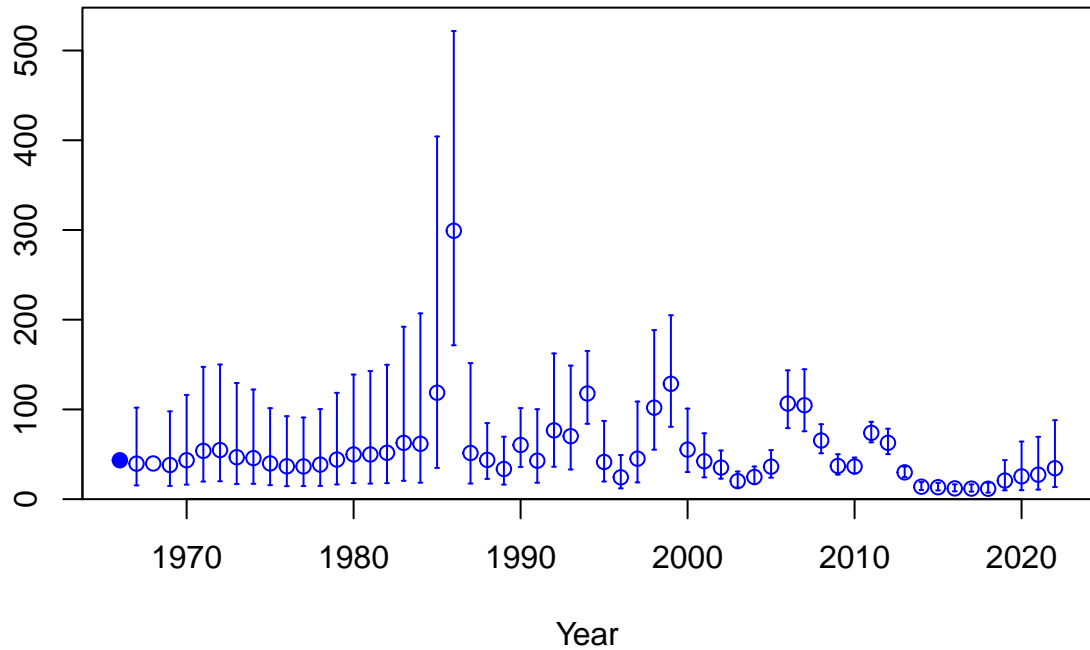


Summary biomass (mt)

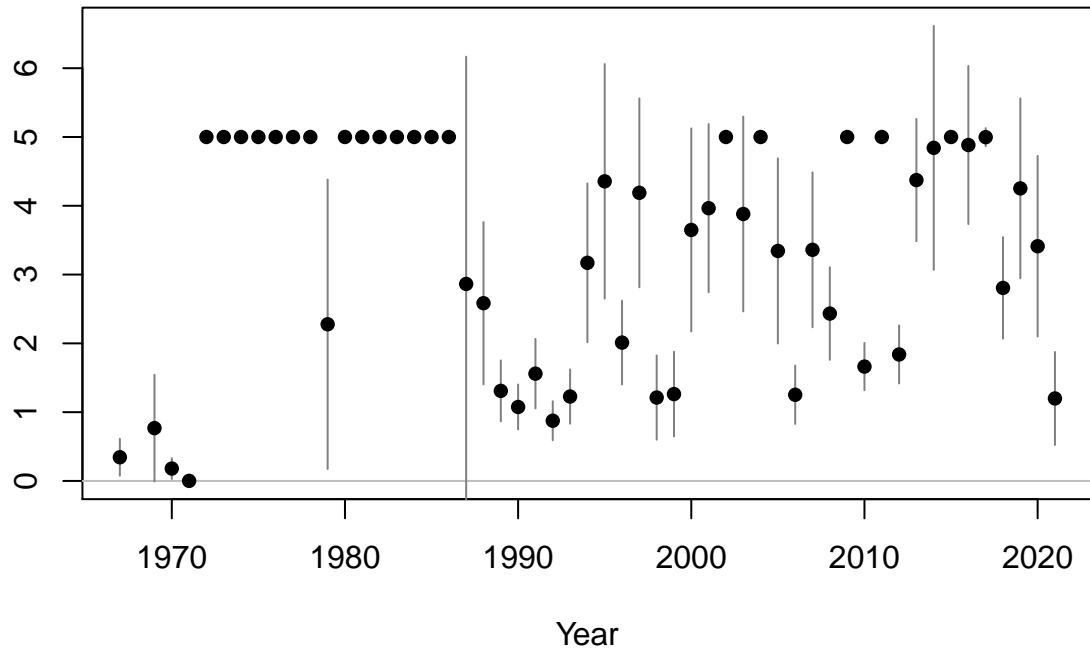




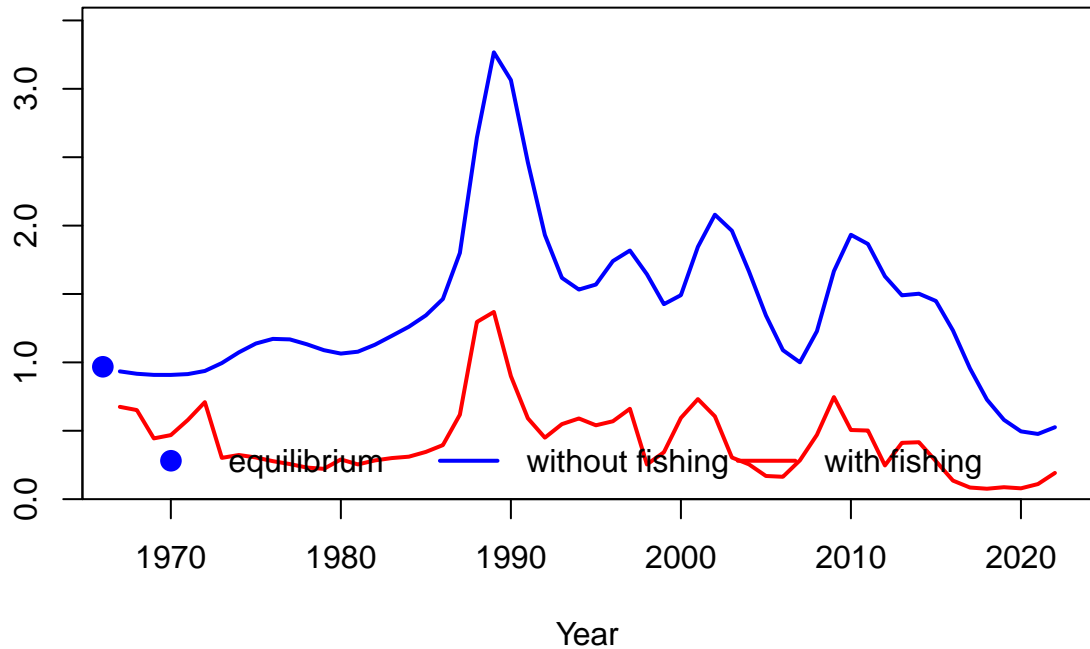
Age-0 recruits (1,000s)



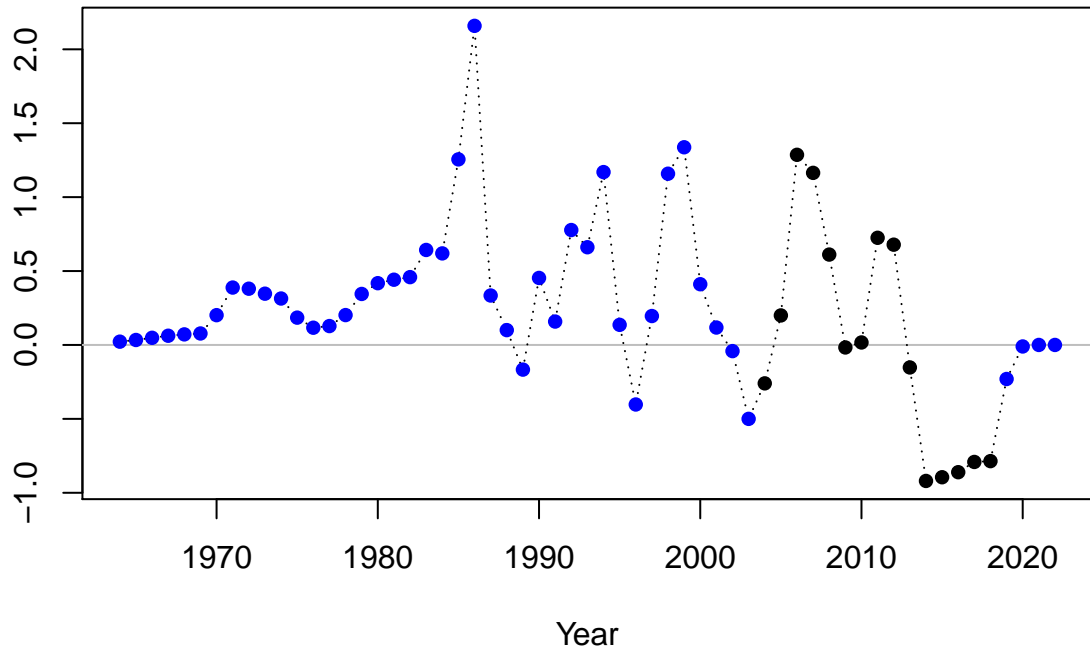
Summary Fishing Mortality



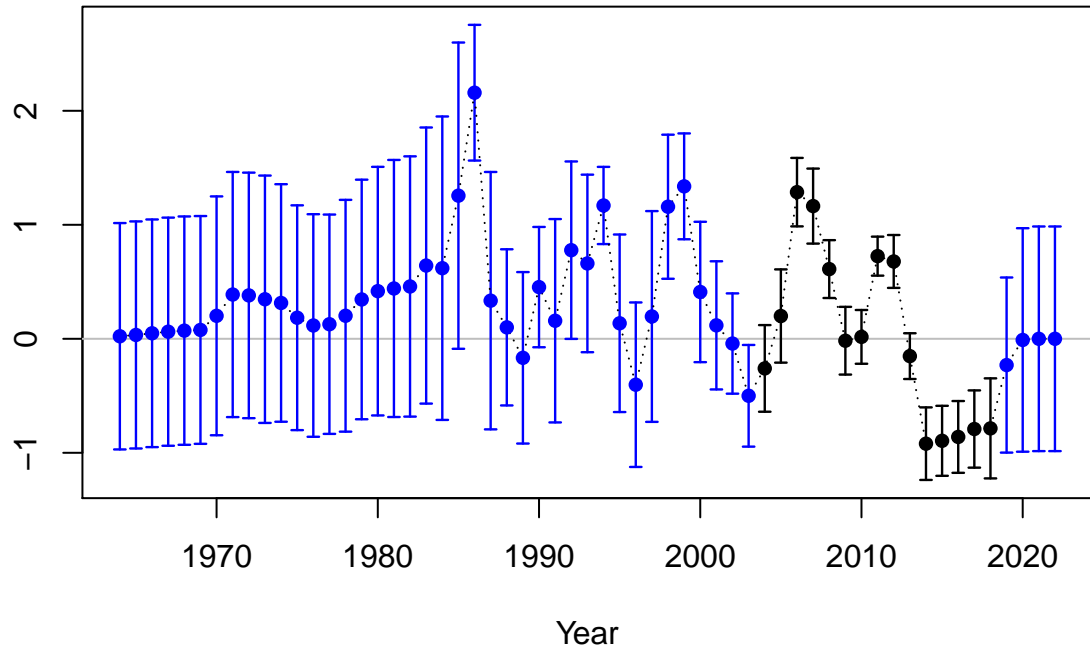
Spawning biomass (mt)



Log recruitment deviation

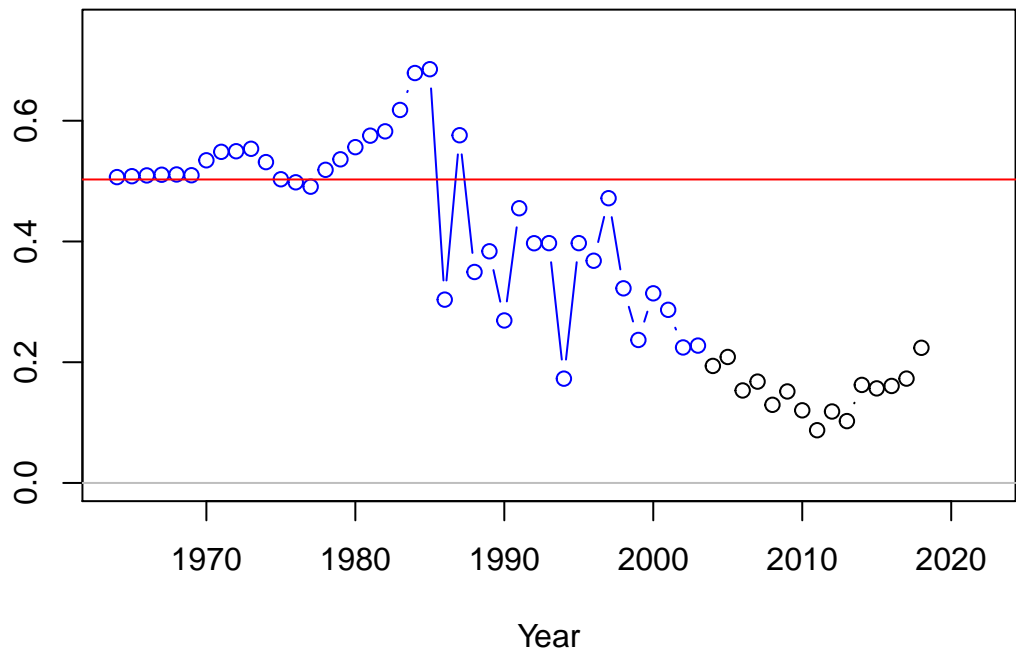


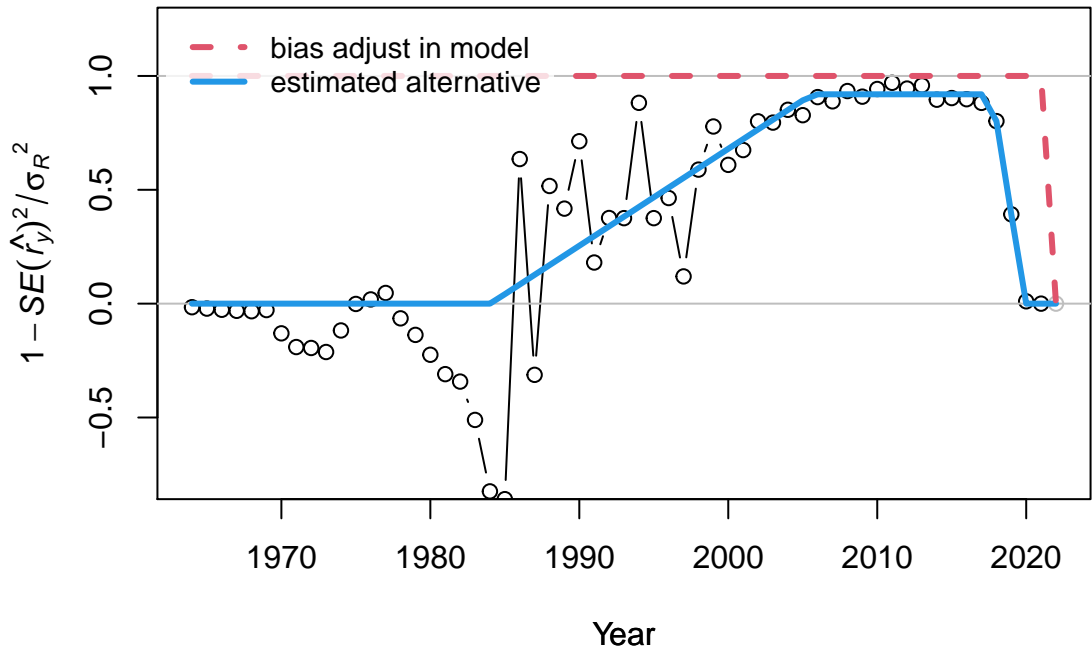
Log recruitment deviation

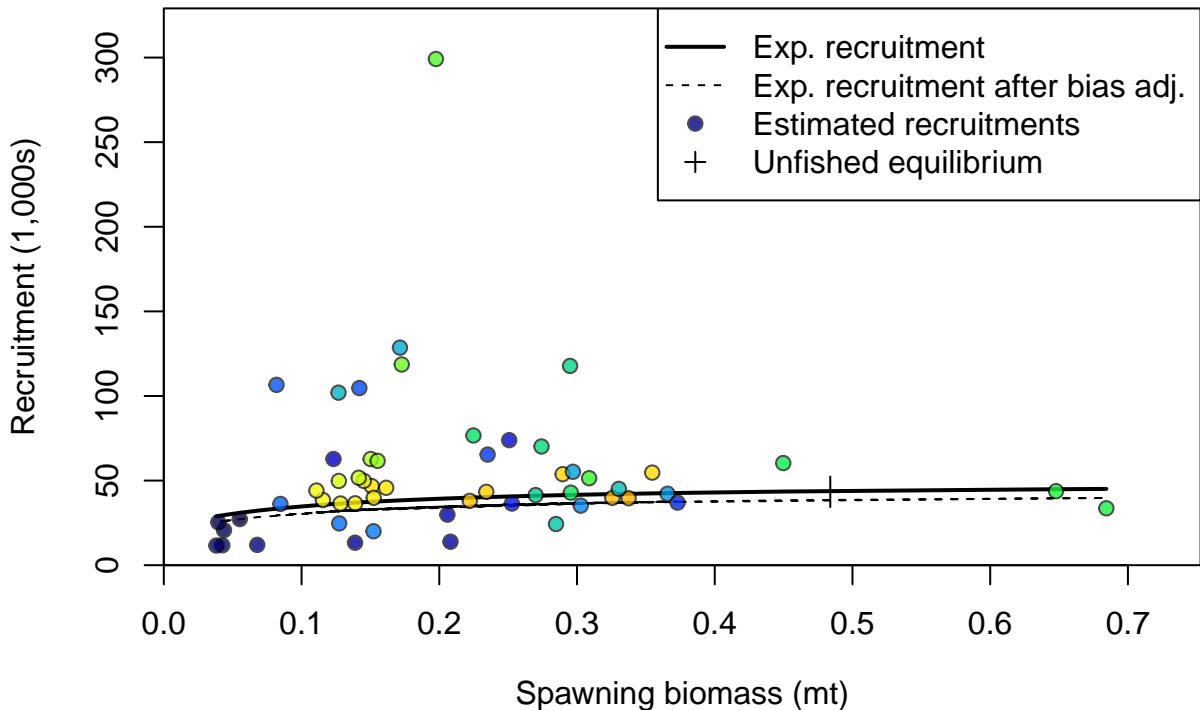


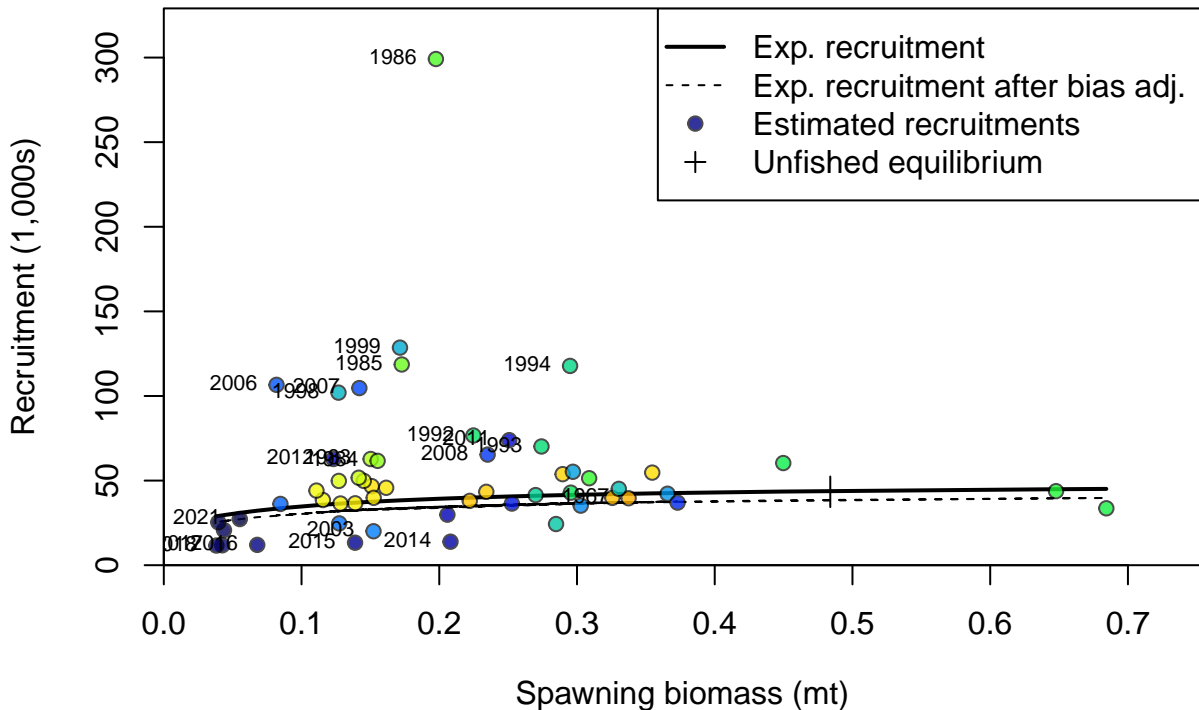
Recruitment deviation variance

Asymptotic standard error estimate

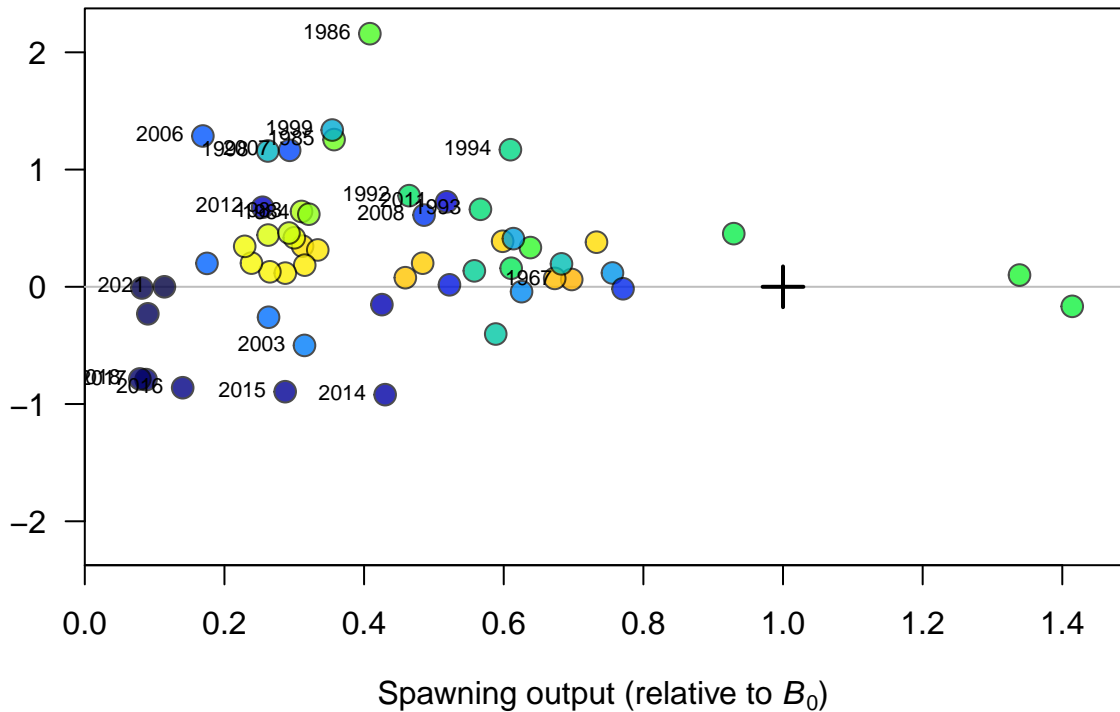


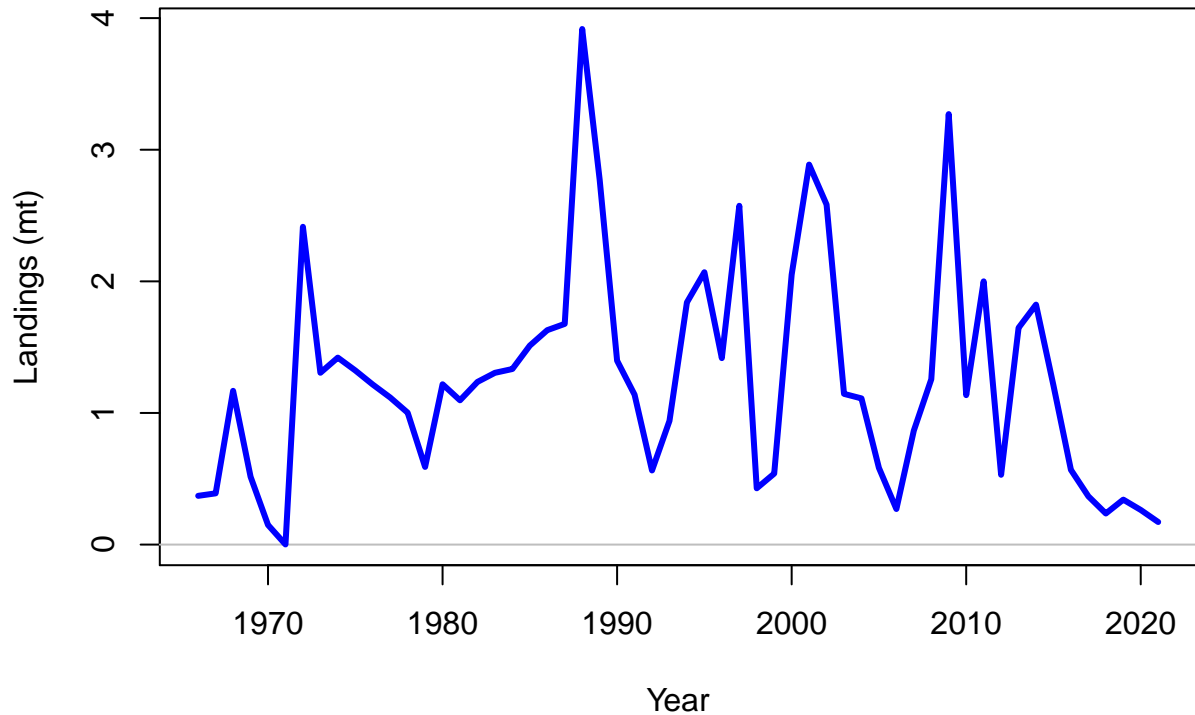


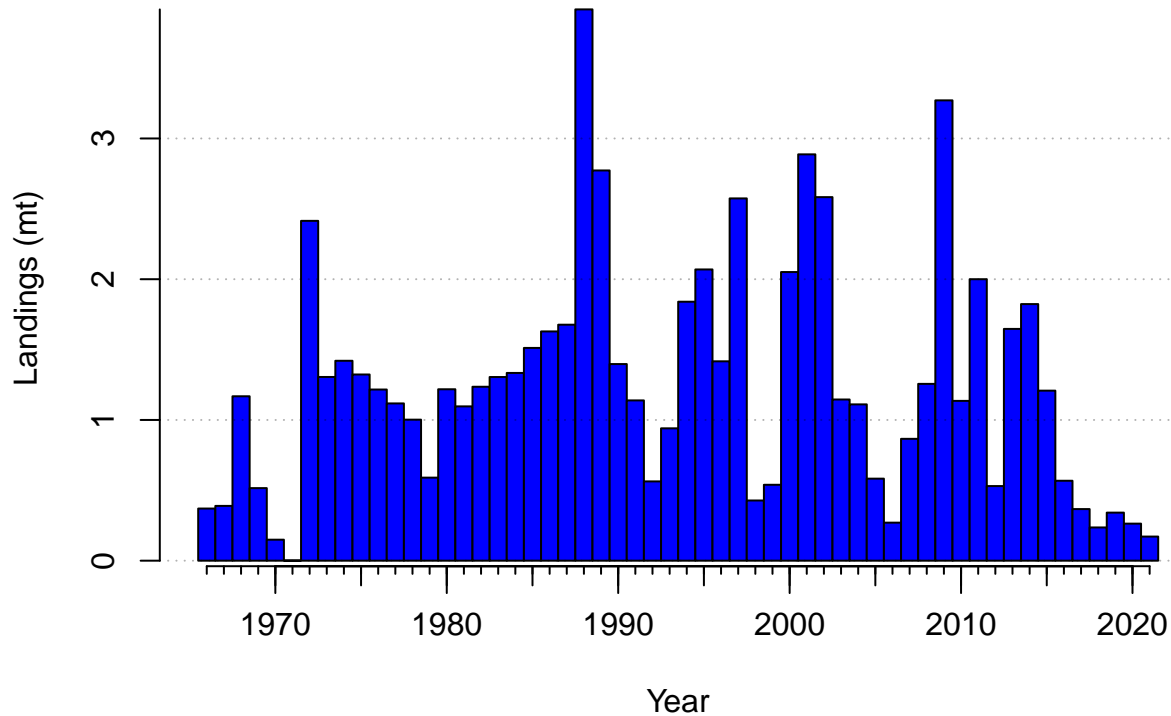




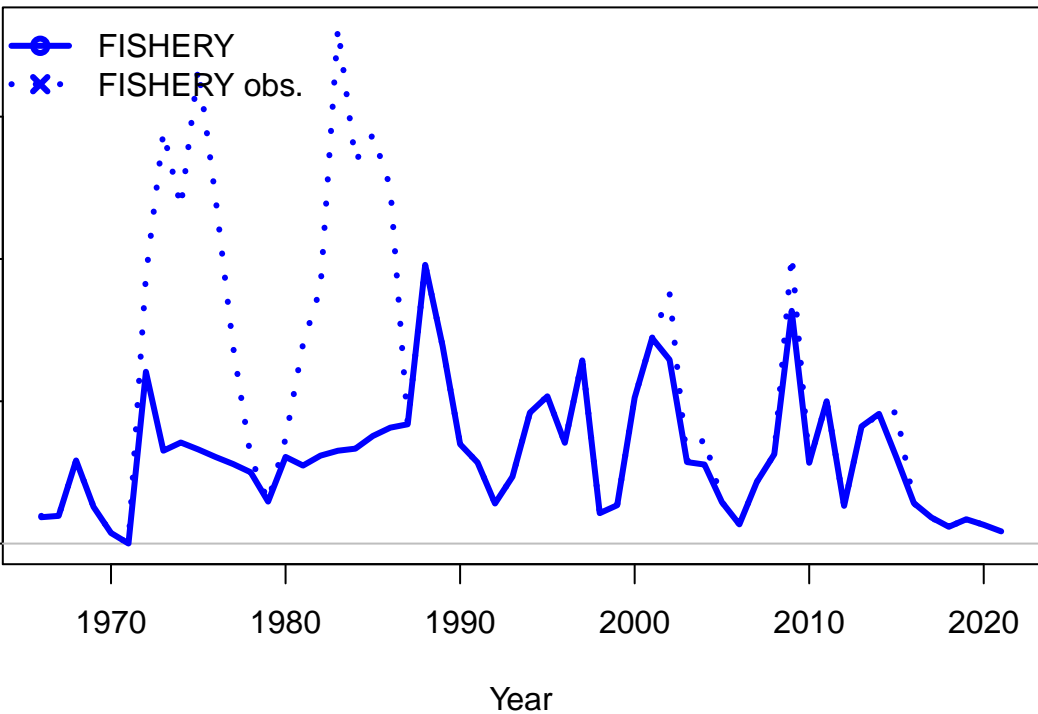
Log recruitment deviation

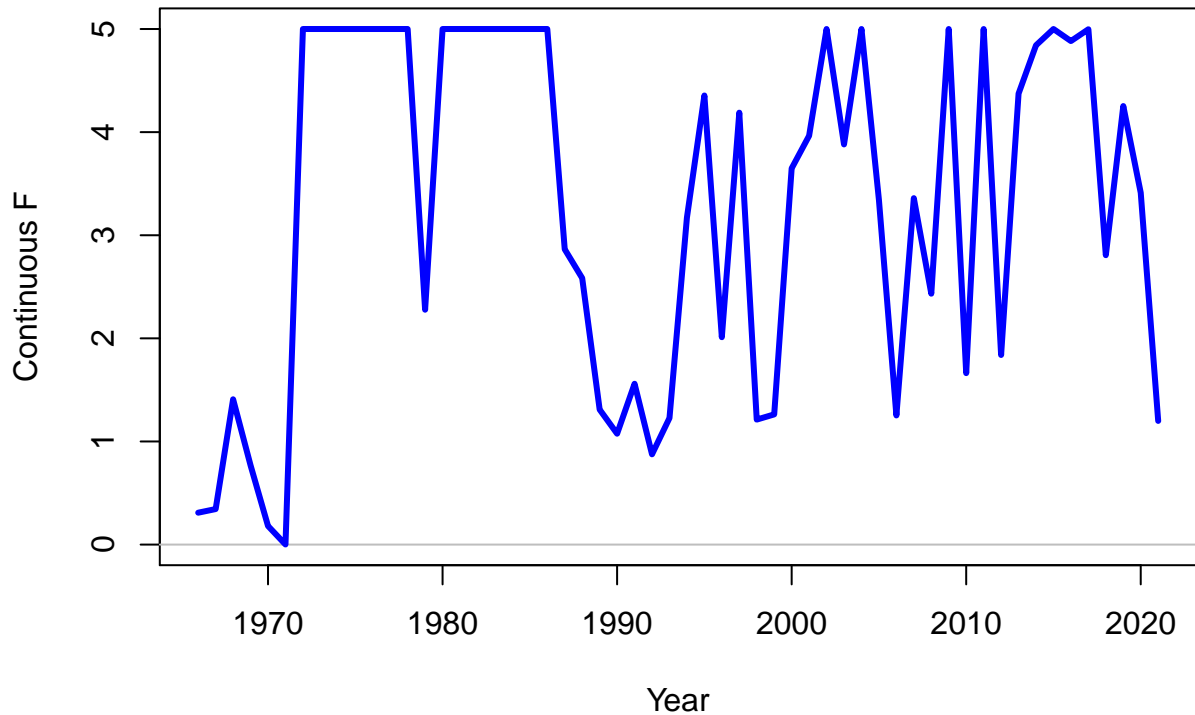




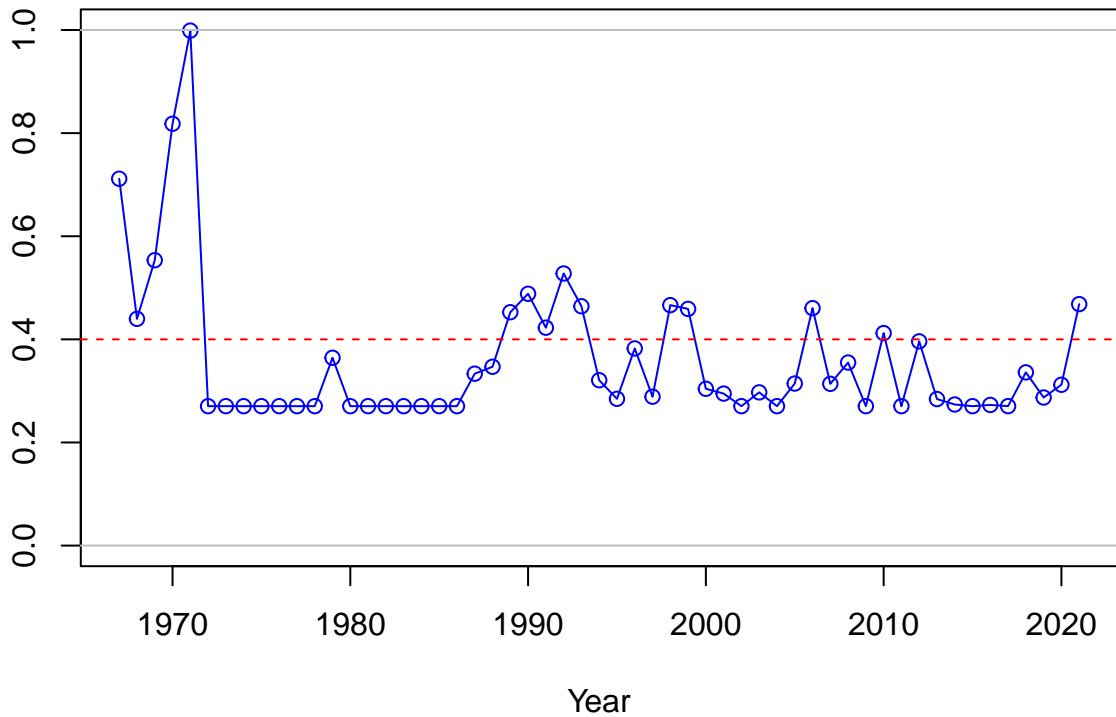


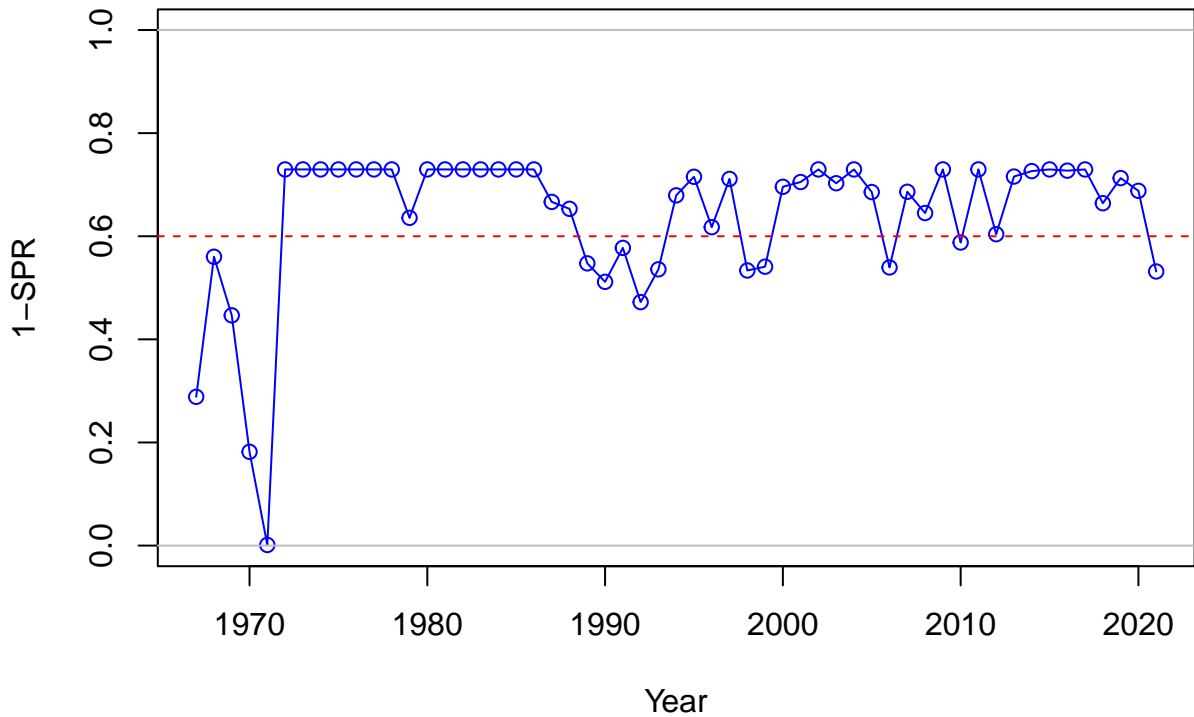
Observed and expected Landings (mt)



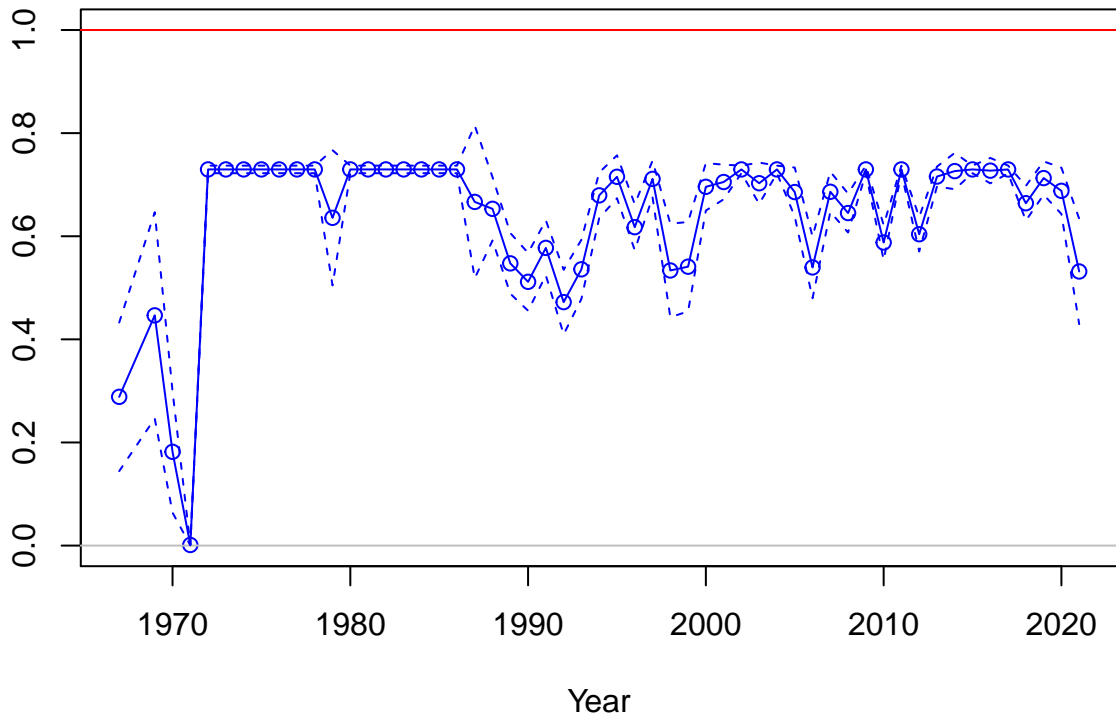


SPR

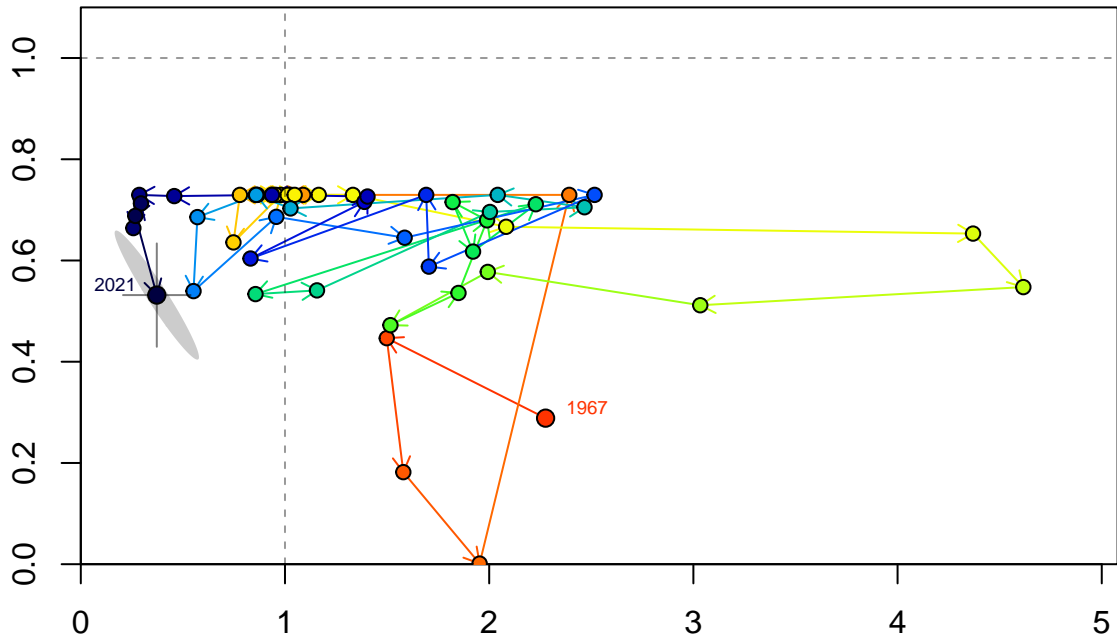




Fishing intensity: 1-SPR



Fishing intensity: 1-SPR

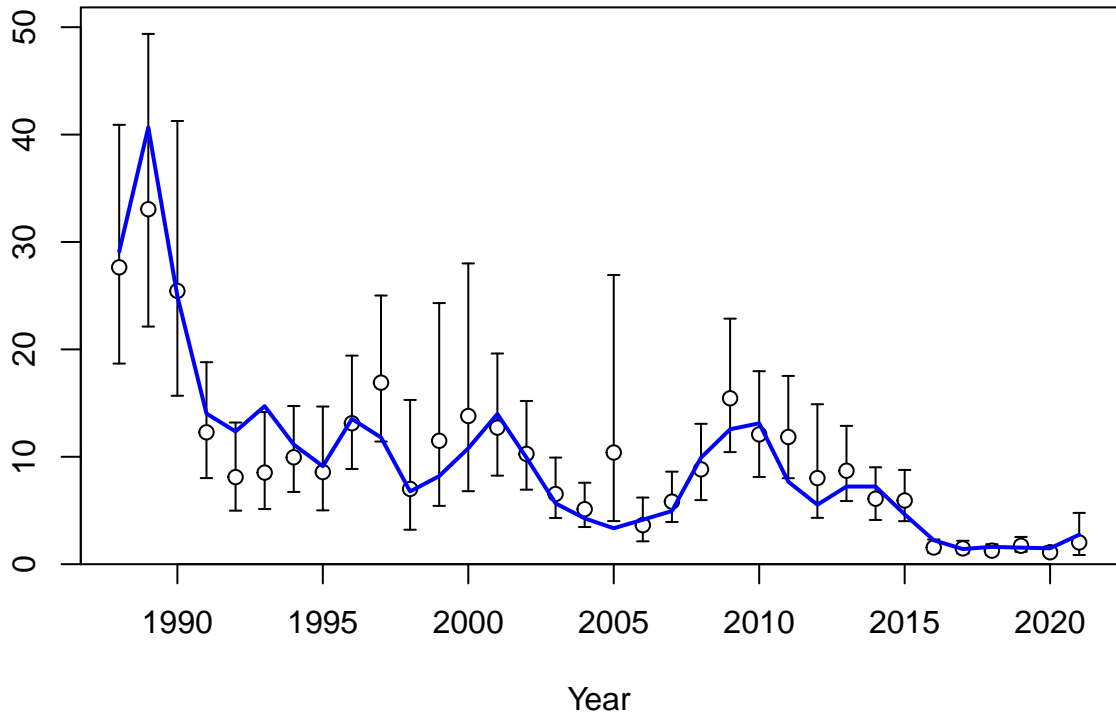


Relative spawning output: B/B_MSY

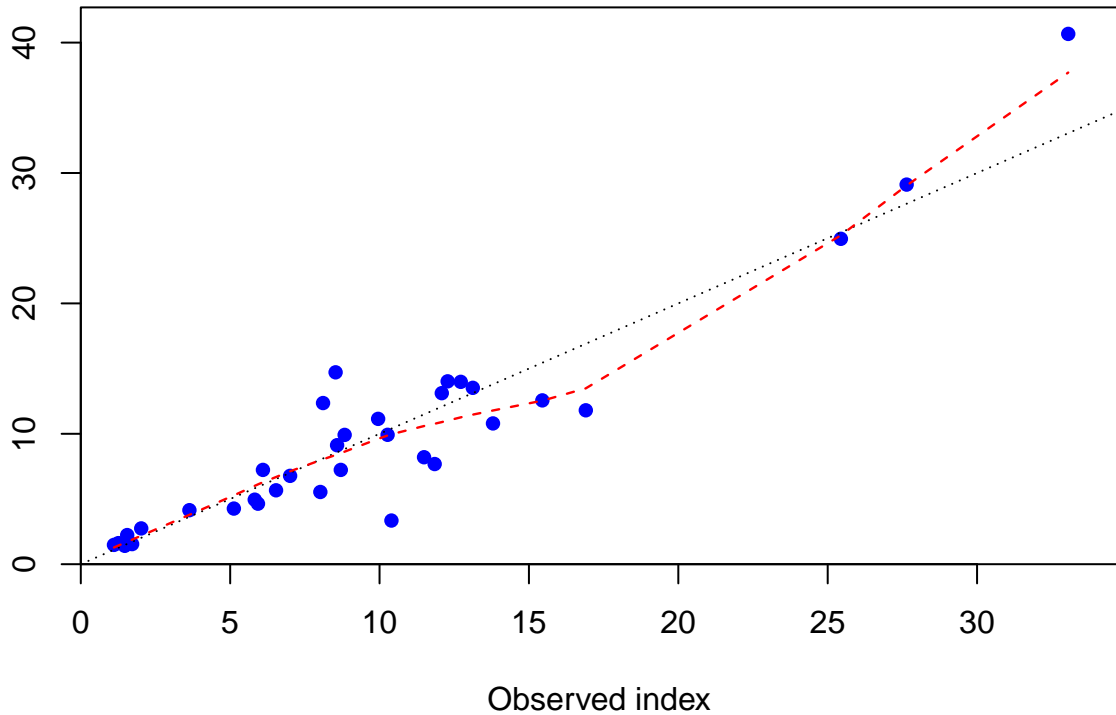
Index



Index



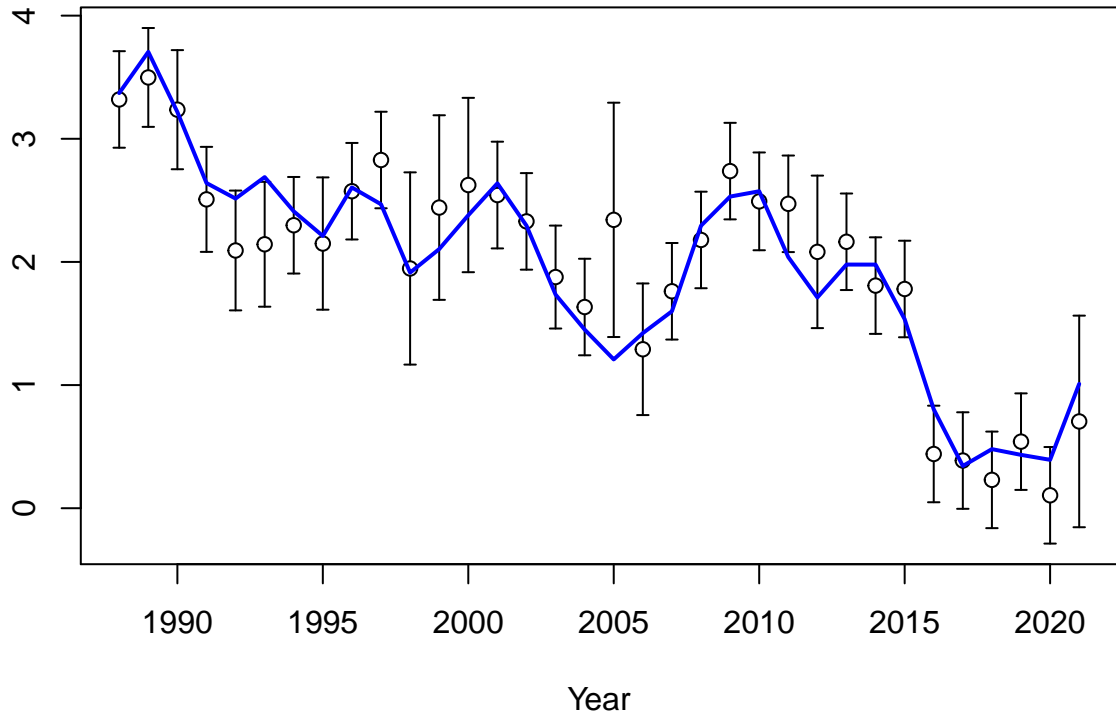
Expected index

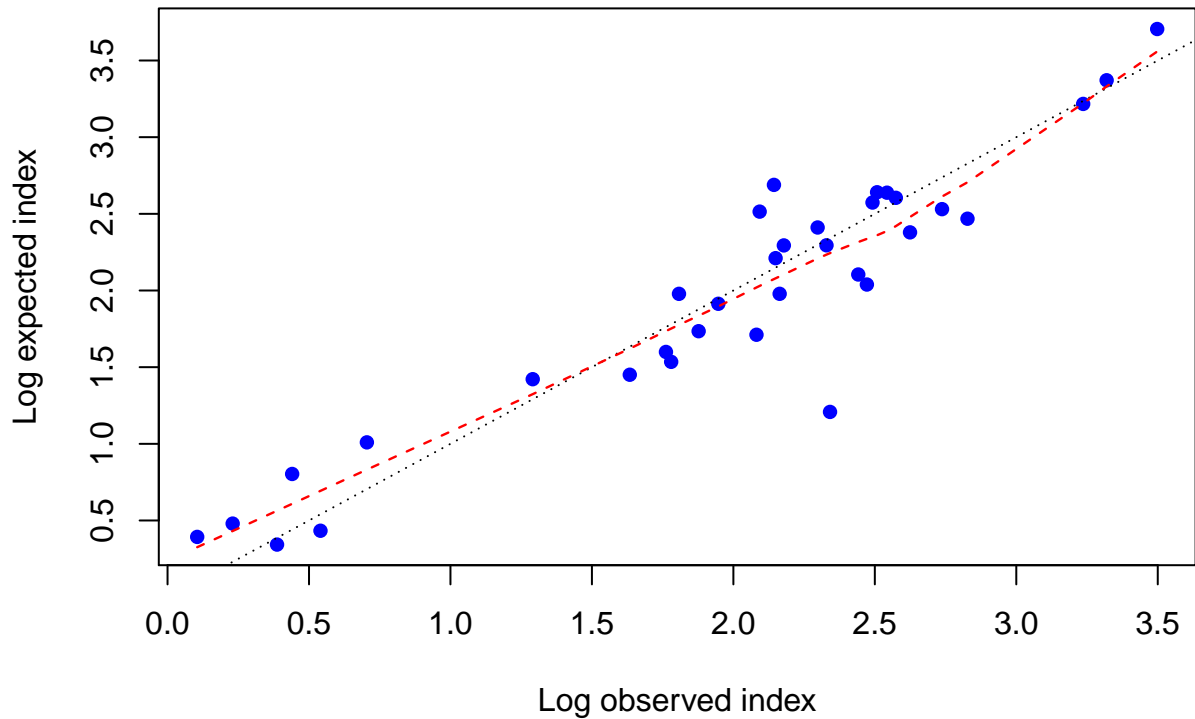


Log index

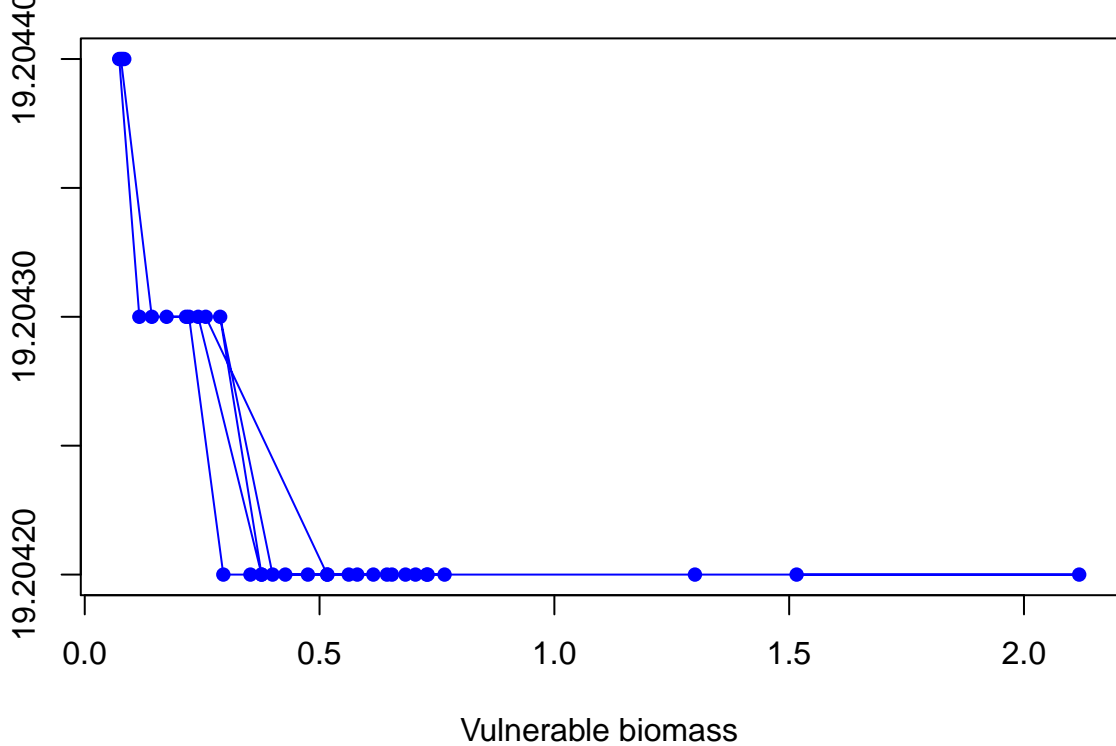


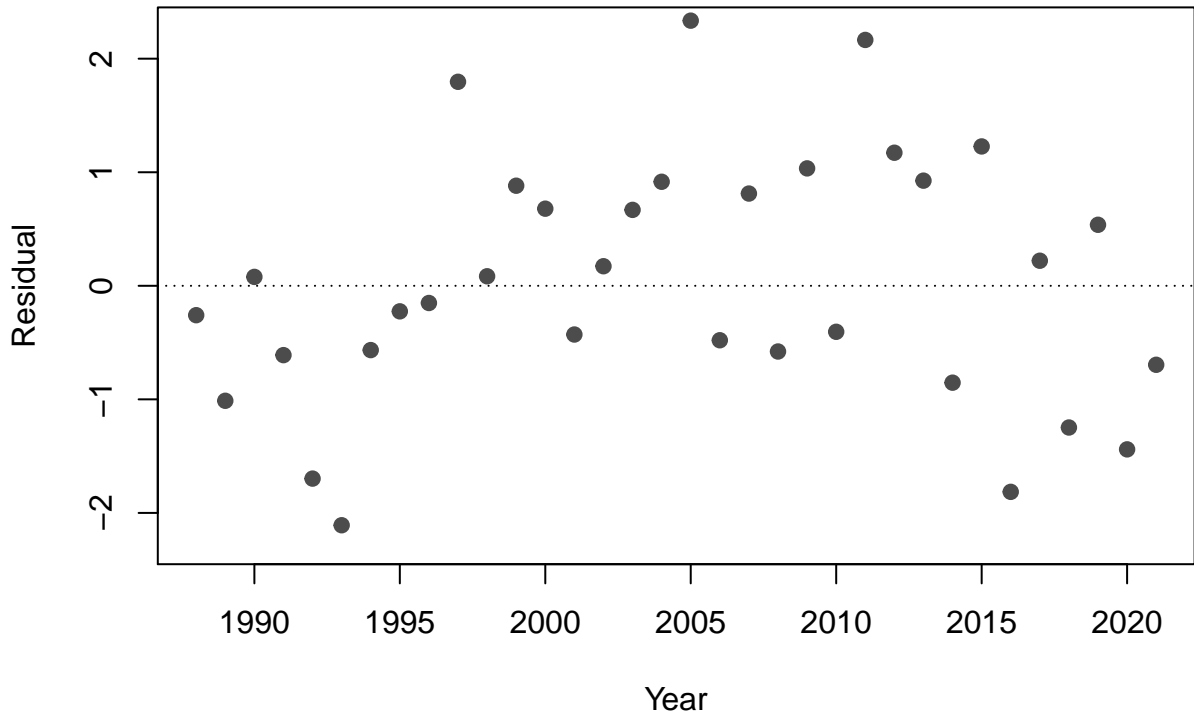
Log index

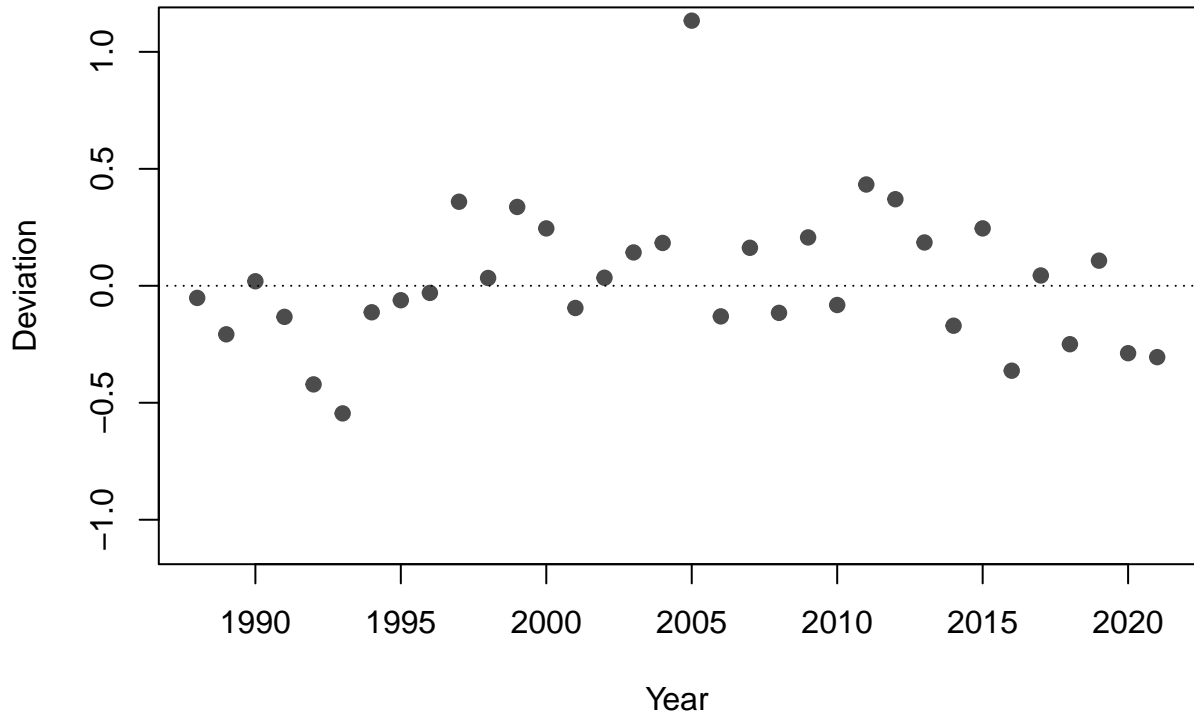




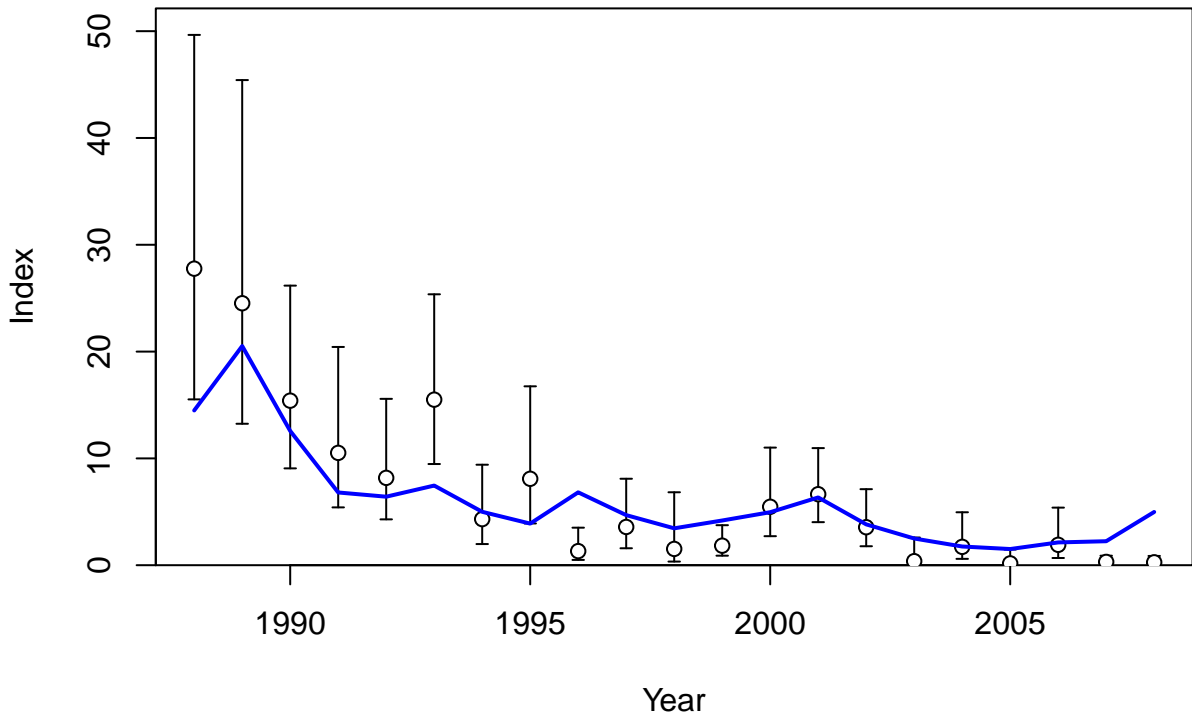
Effective catchability

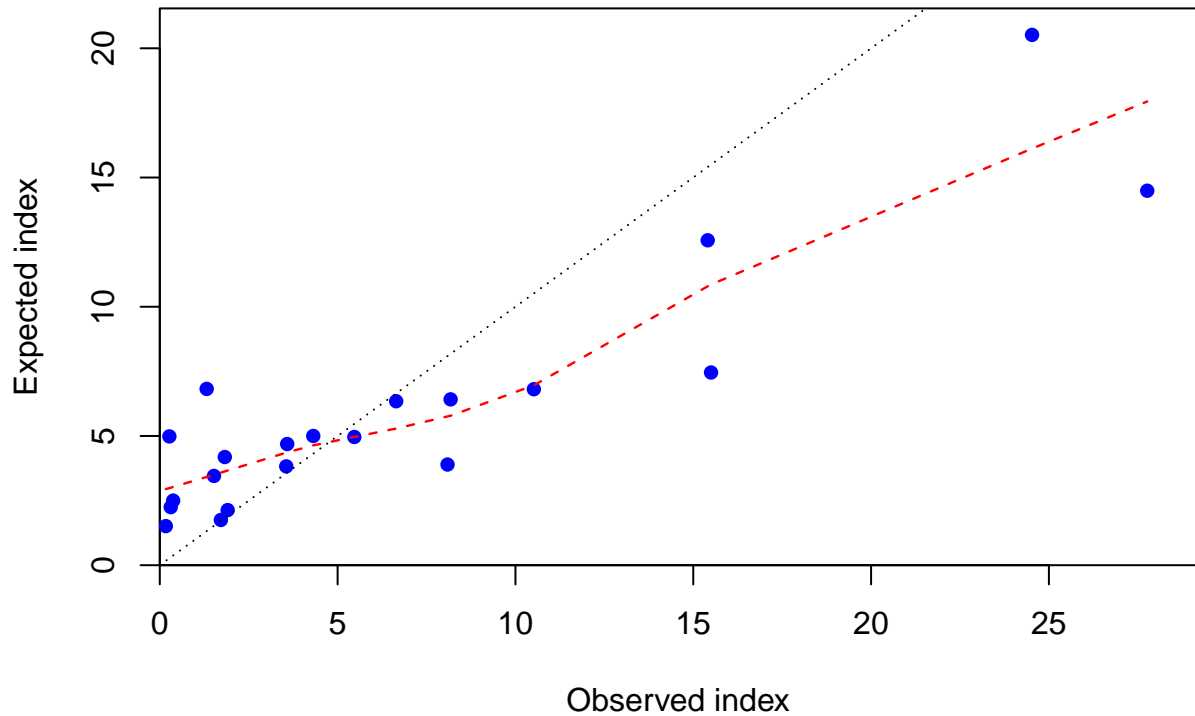




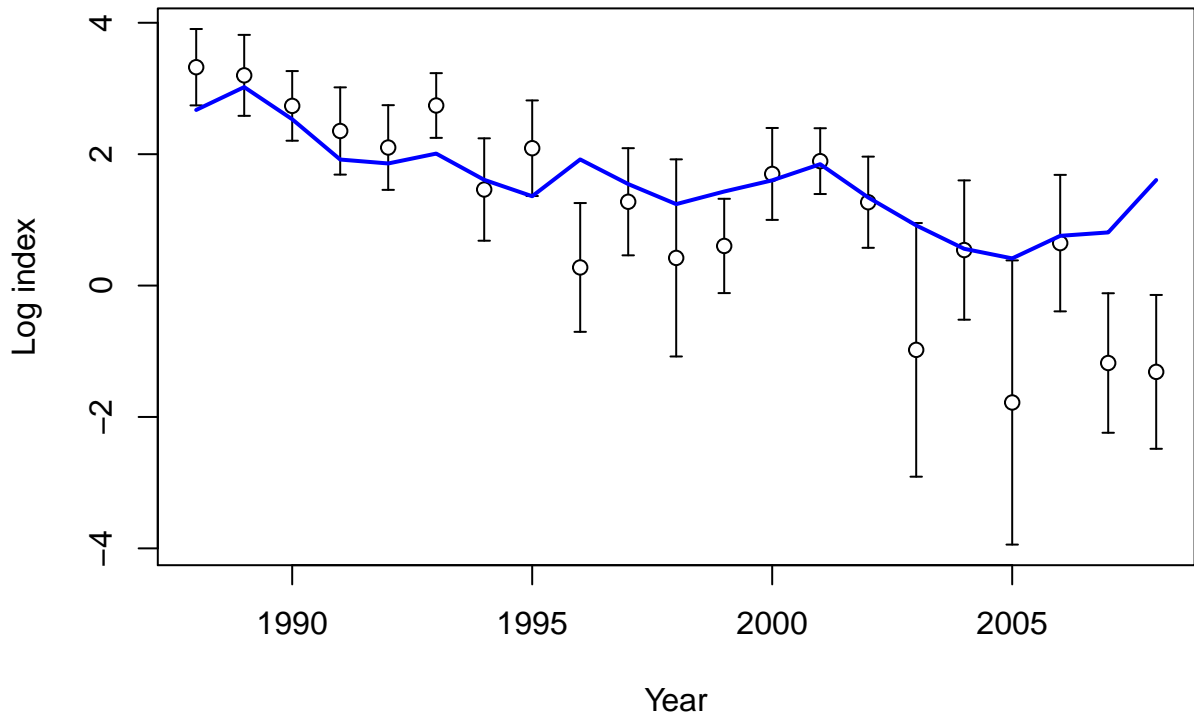


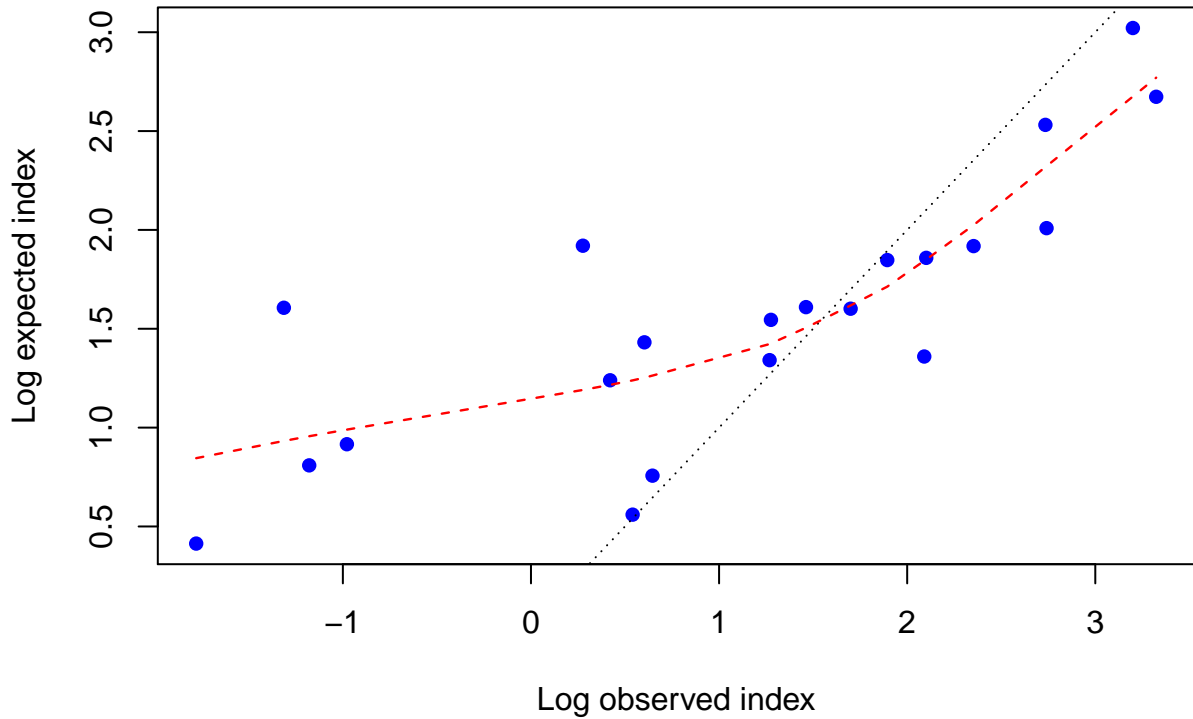


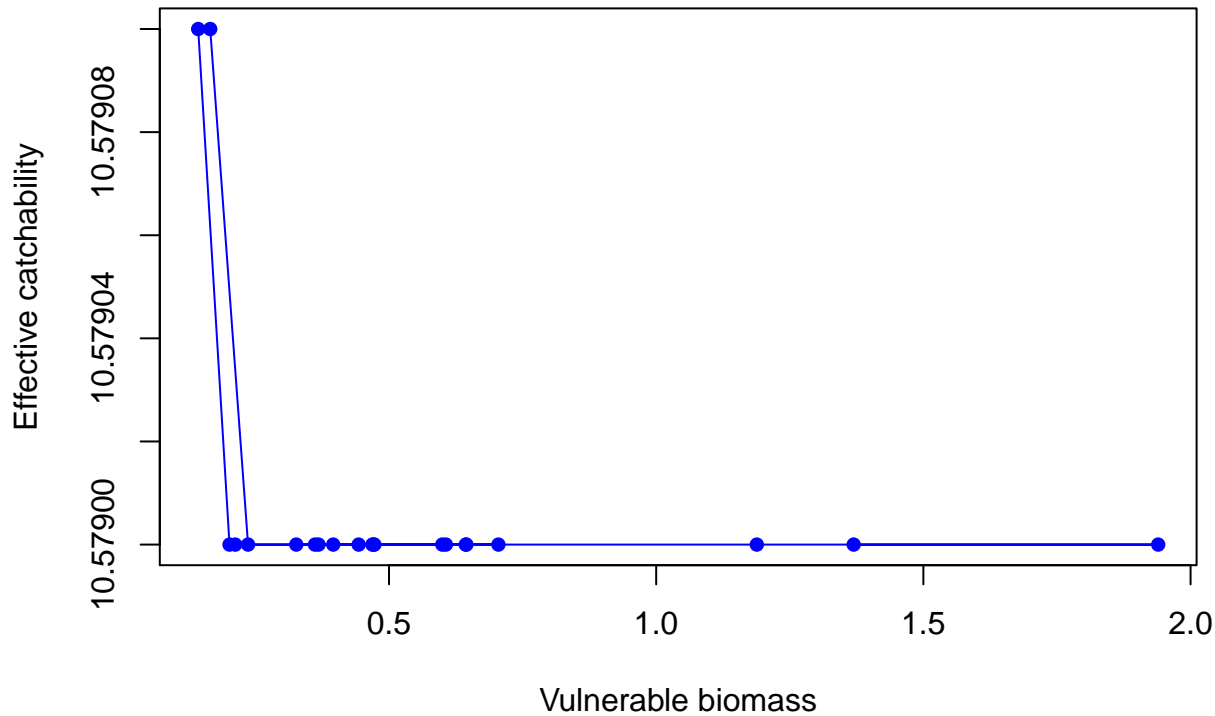


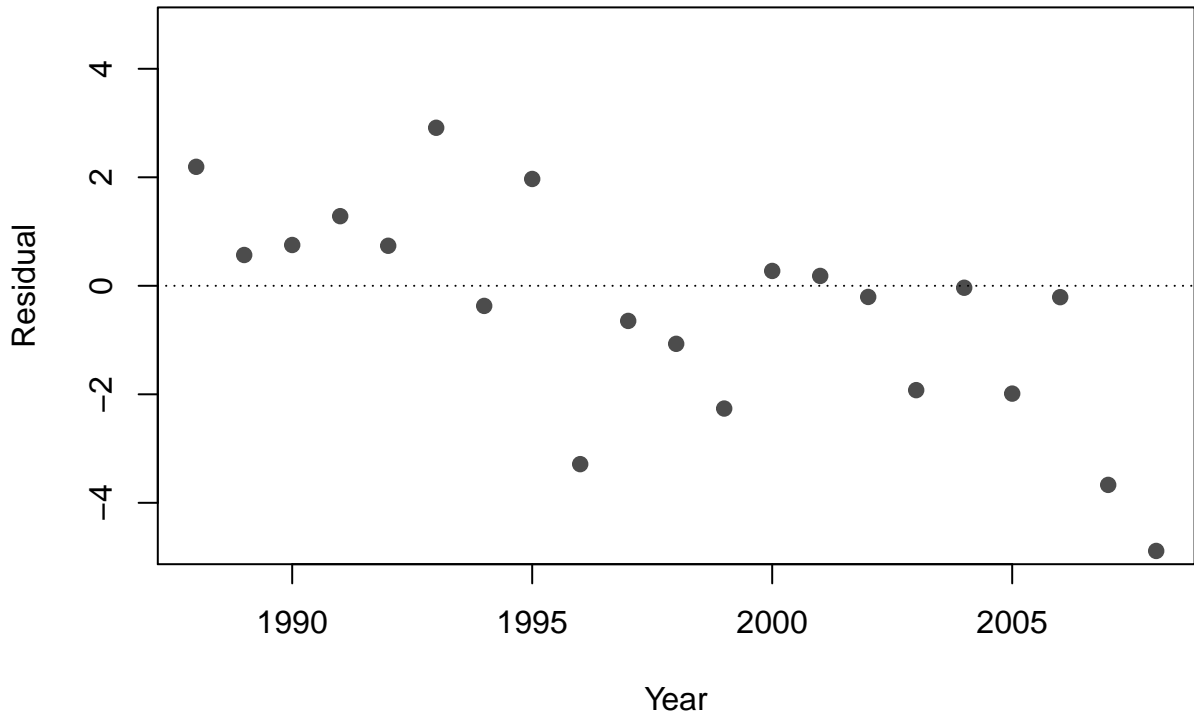




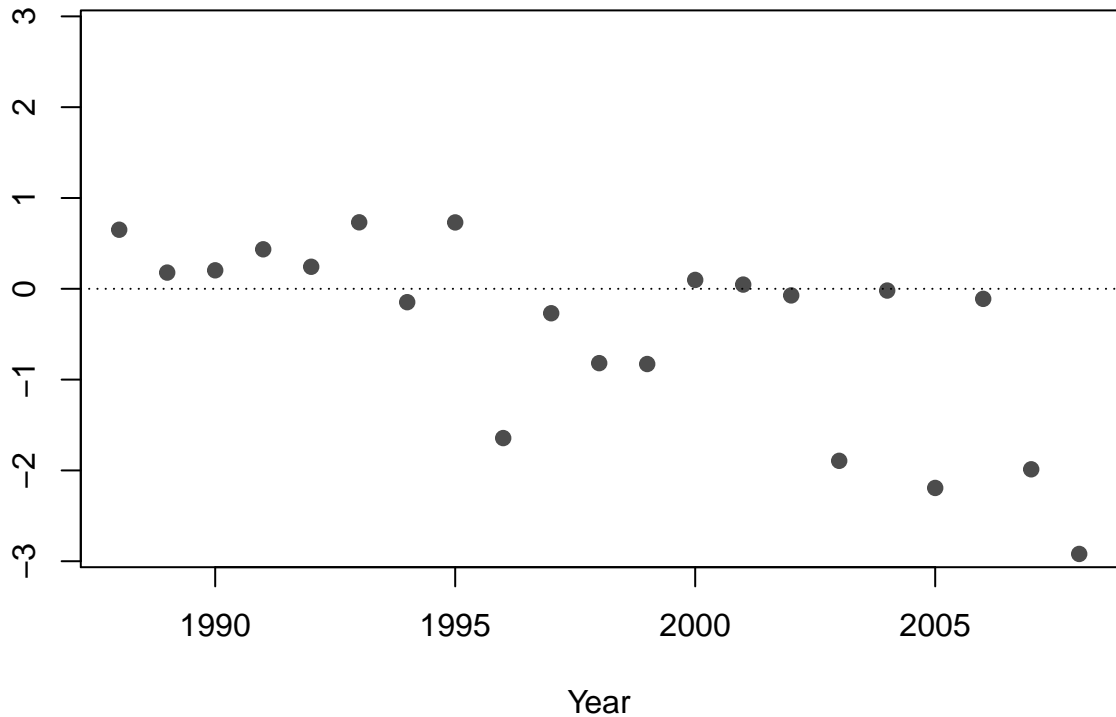






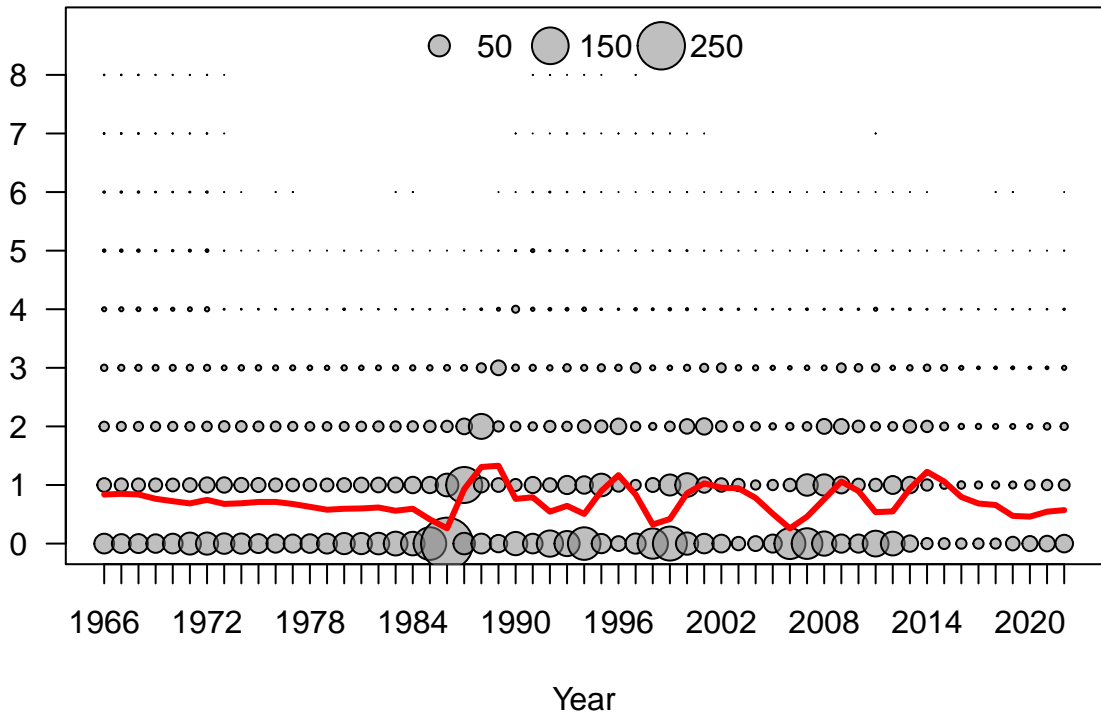


Deviation

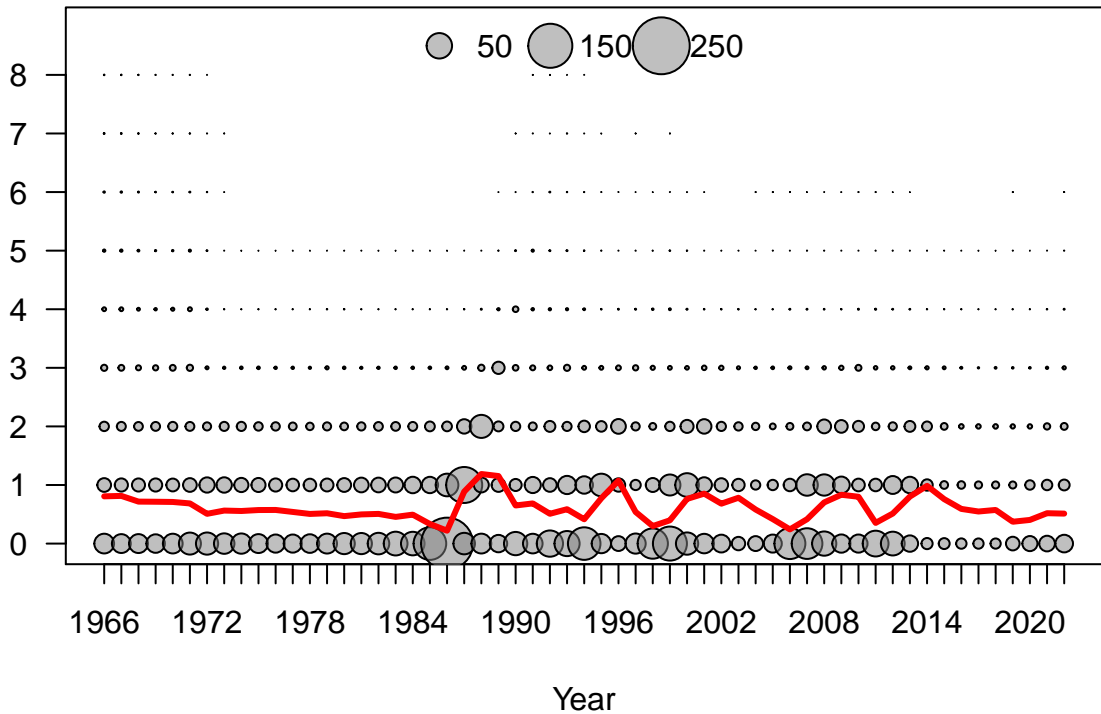


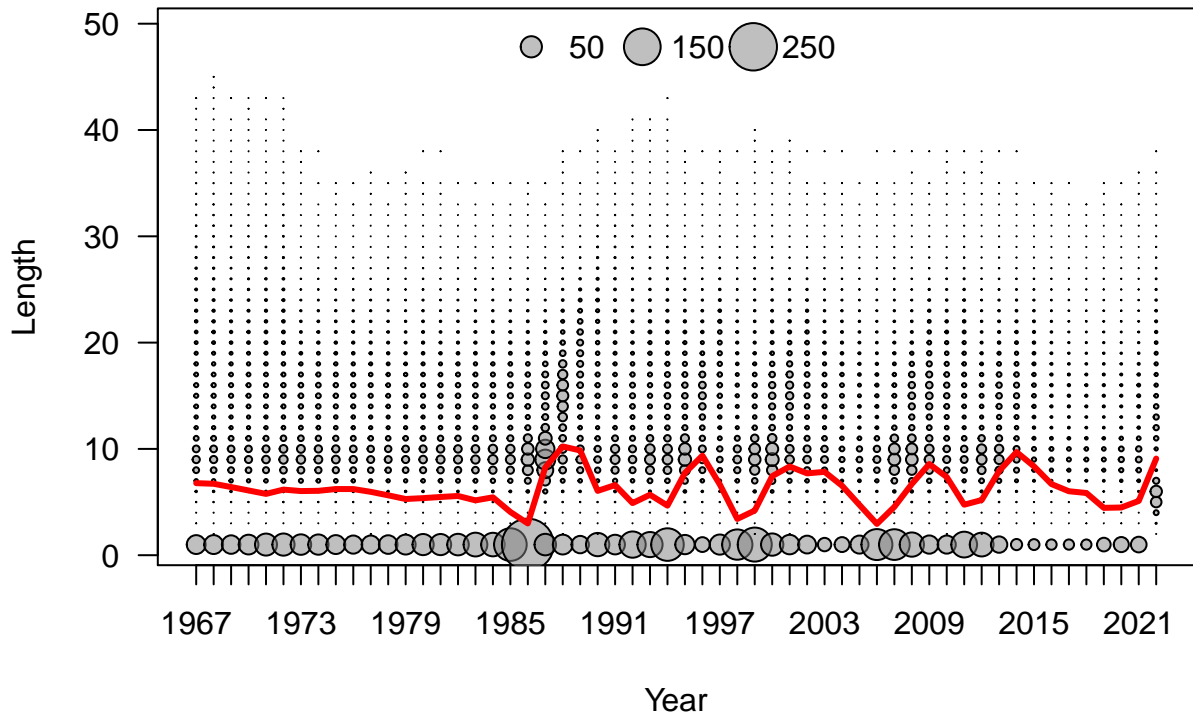


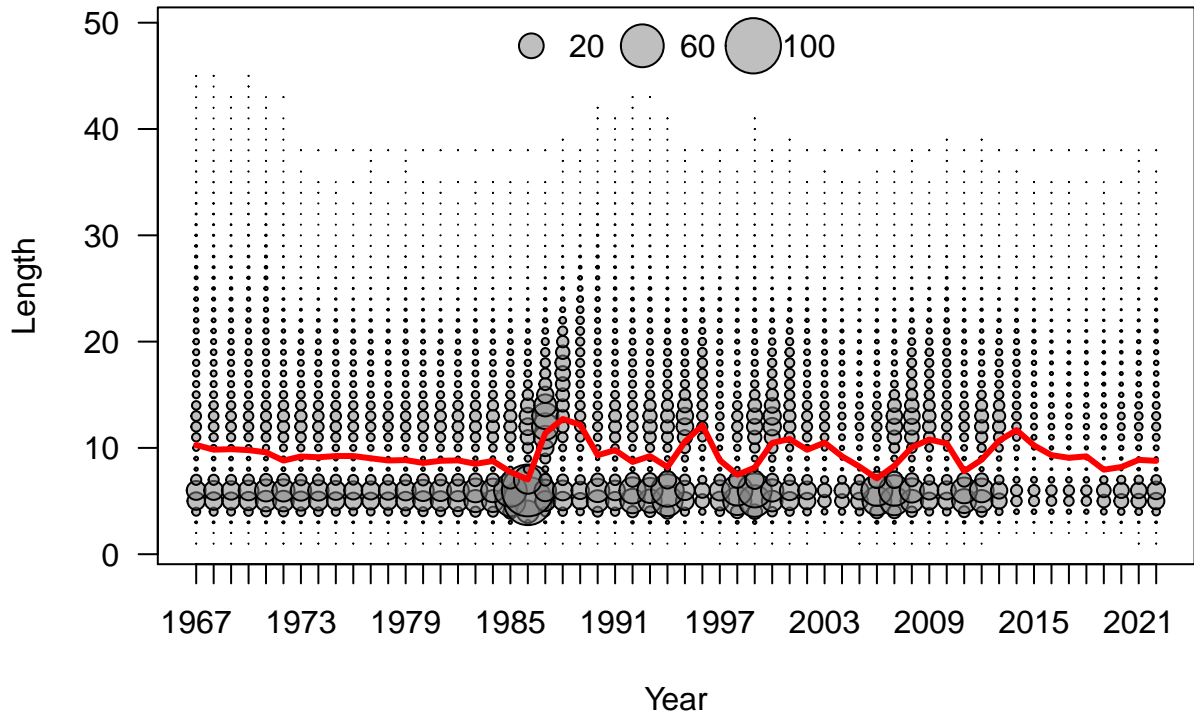
Age

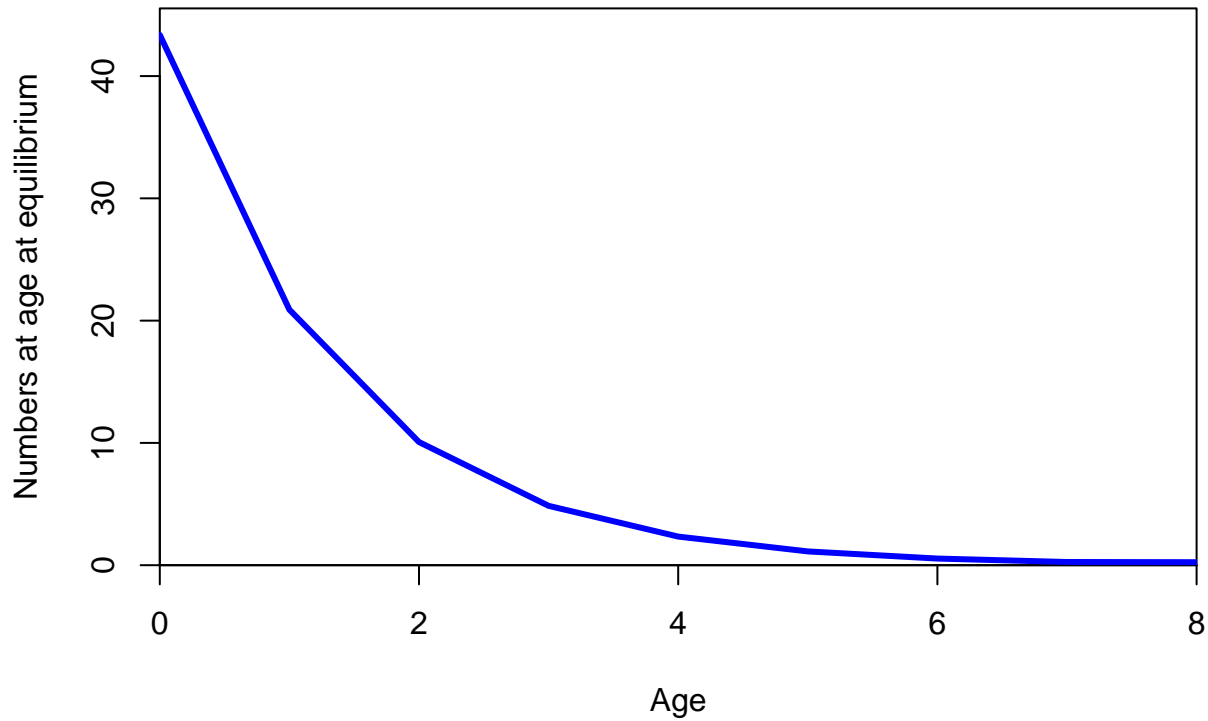


Age



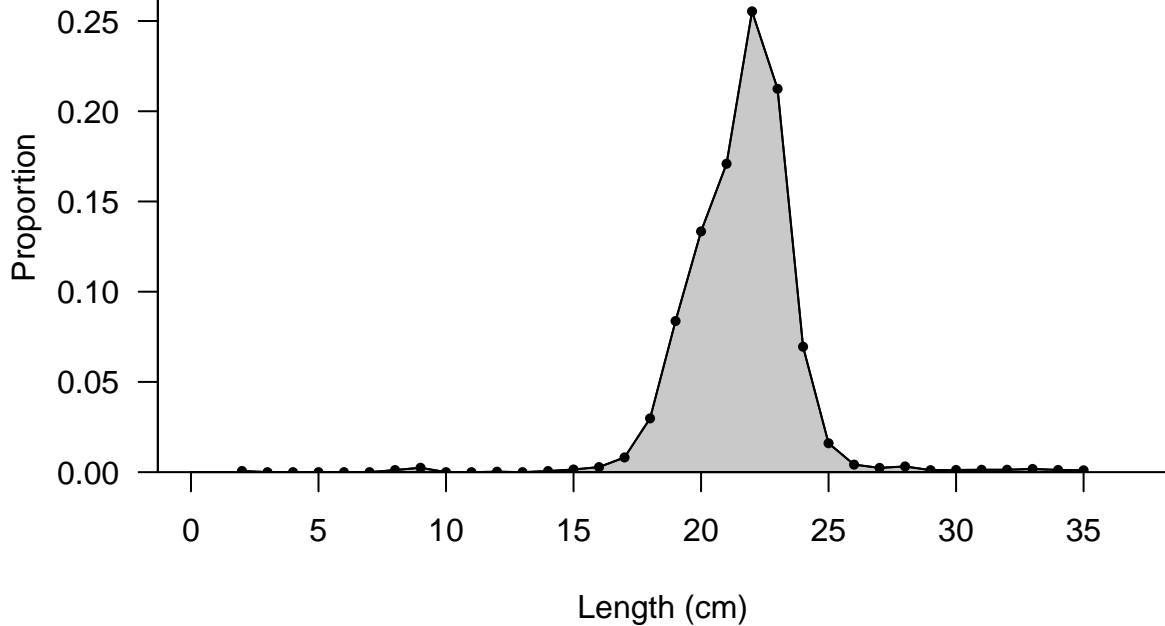


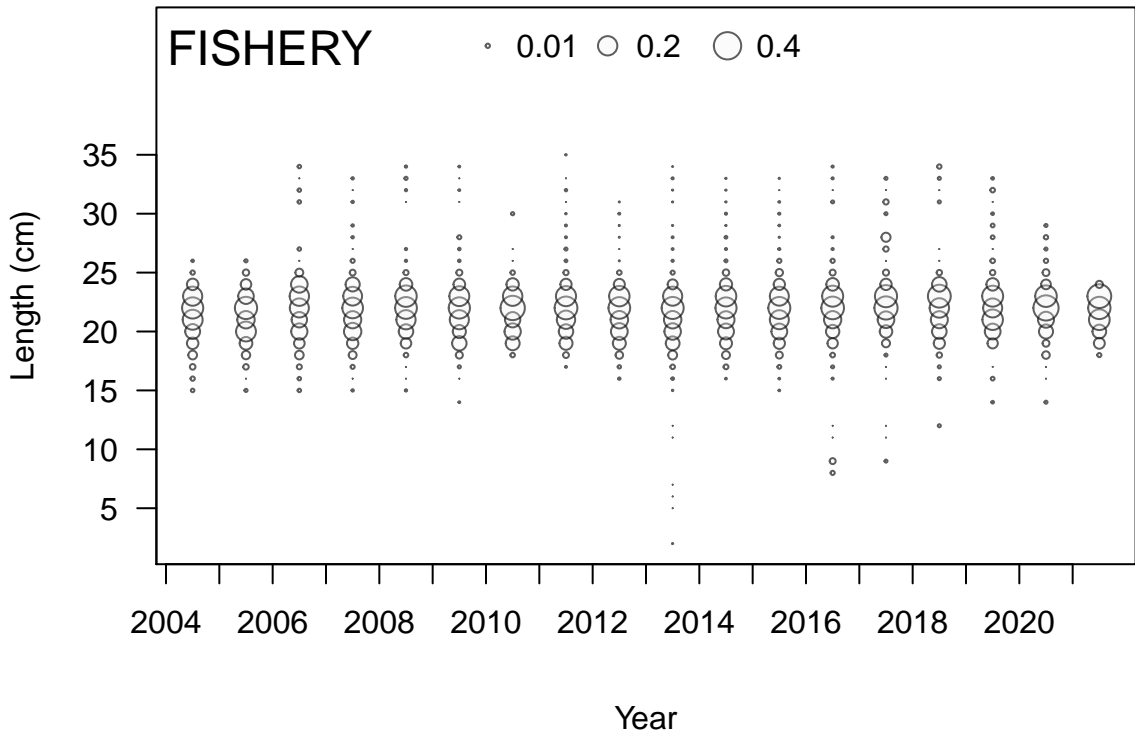


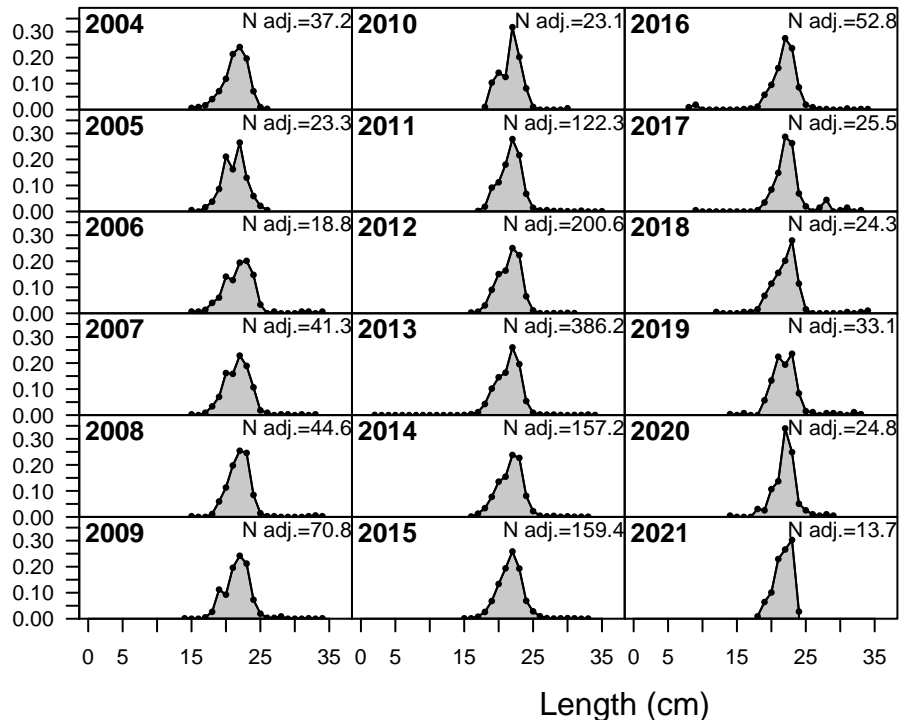


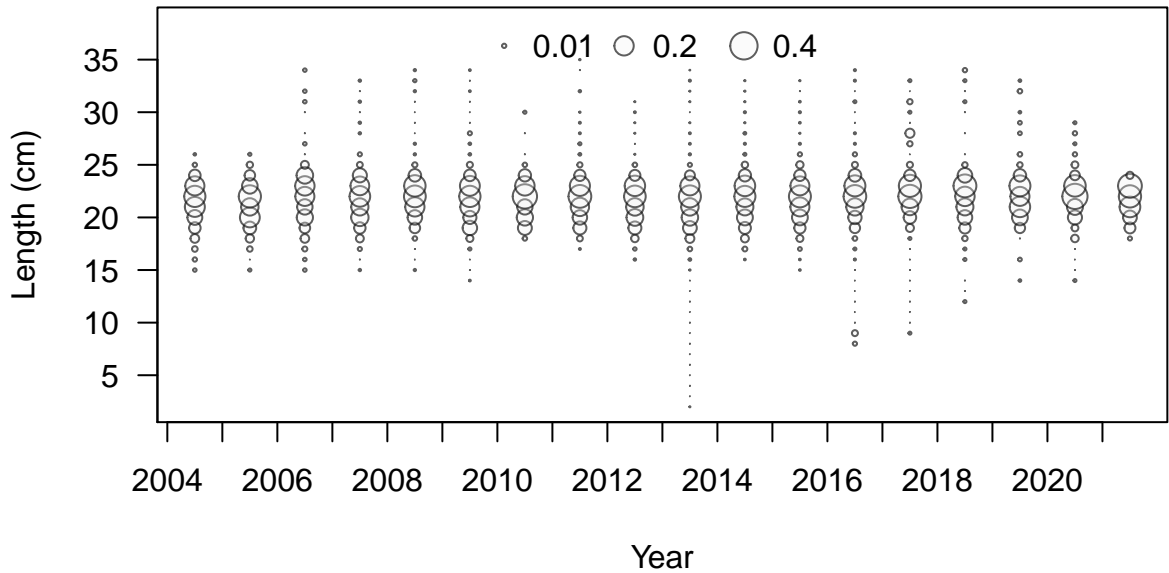
FISHERY

Sum of N adj.=1459.1

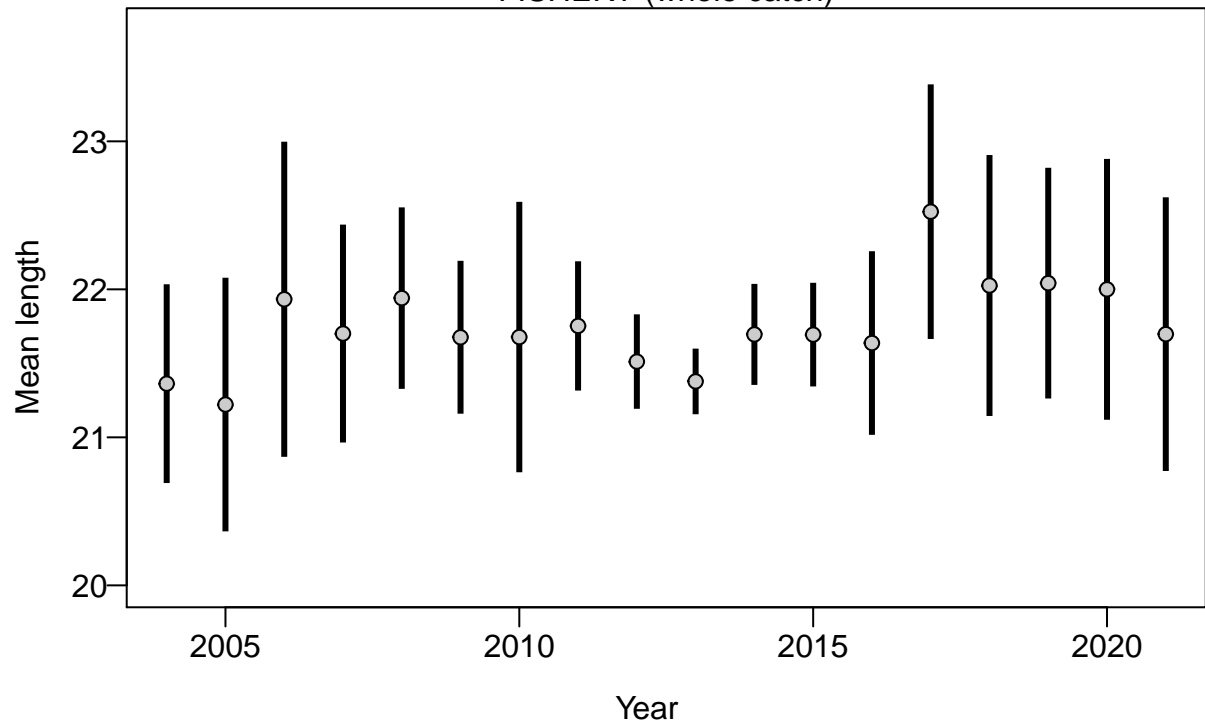


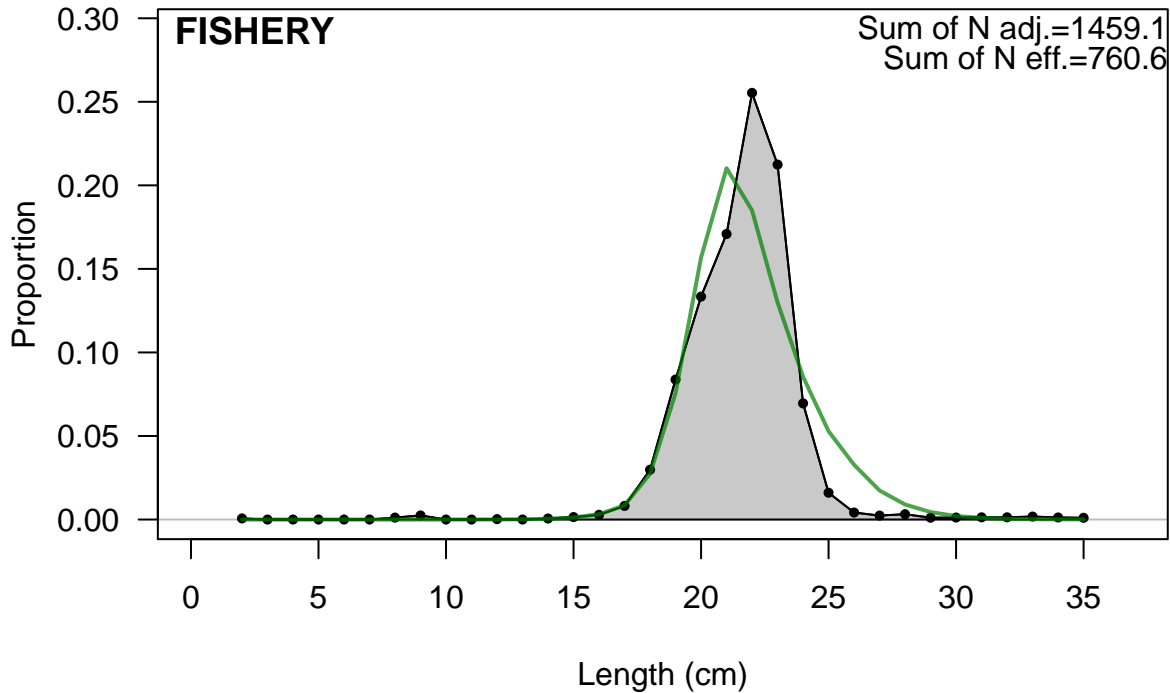


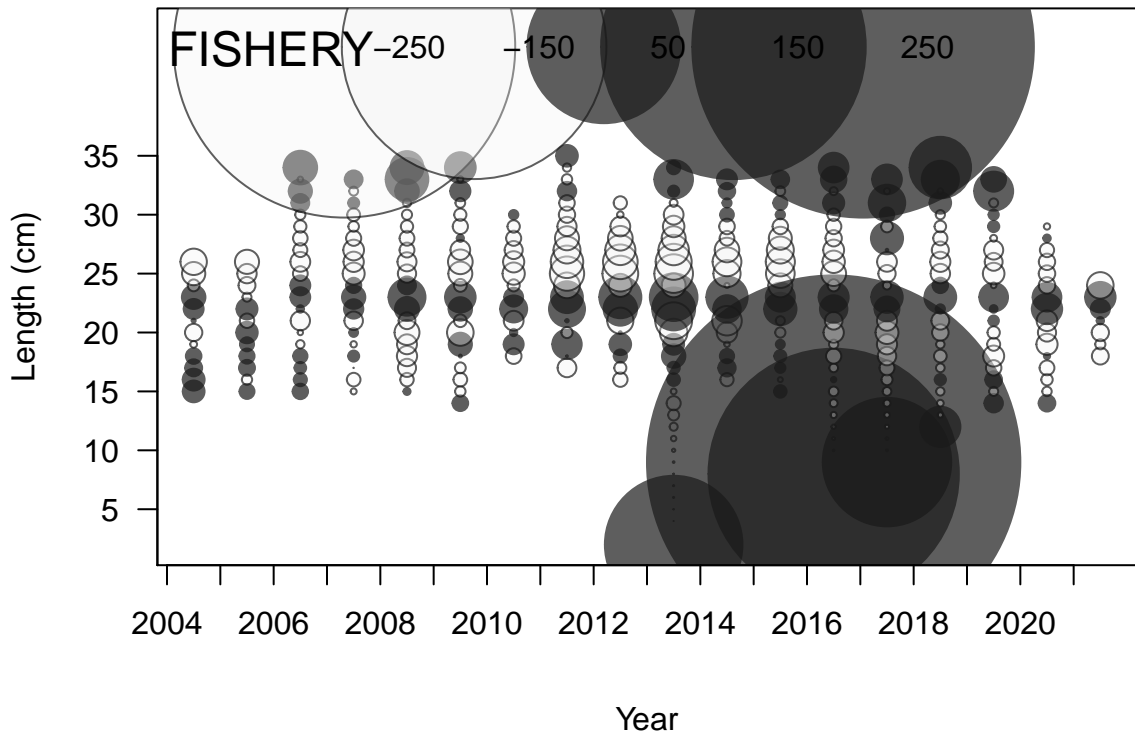




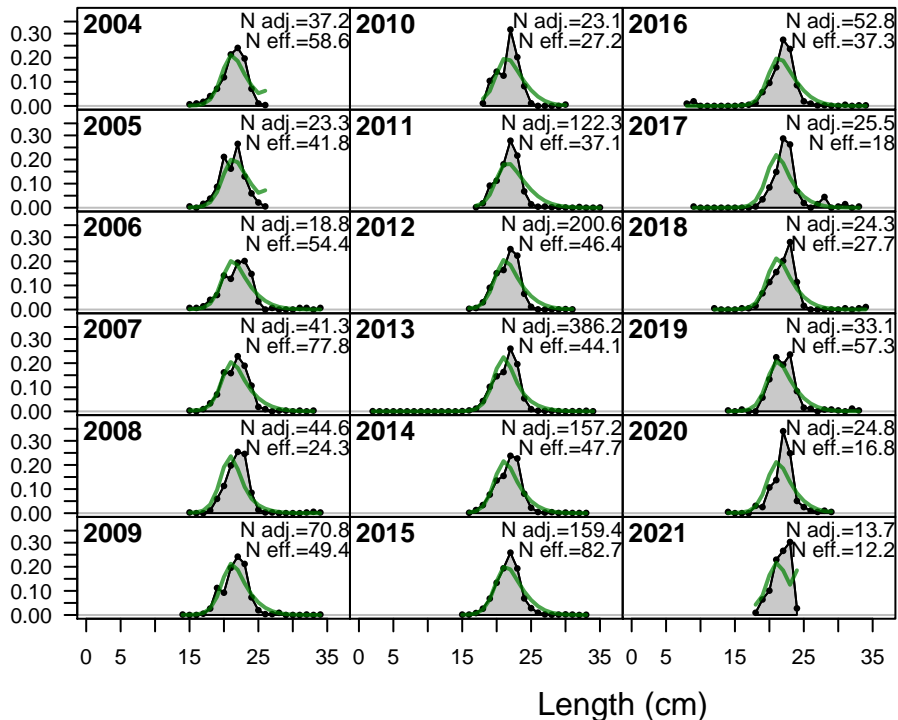
FISHERY (whole catch)

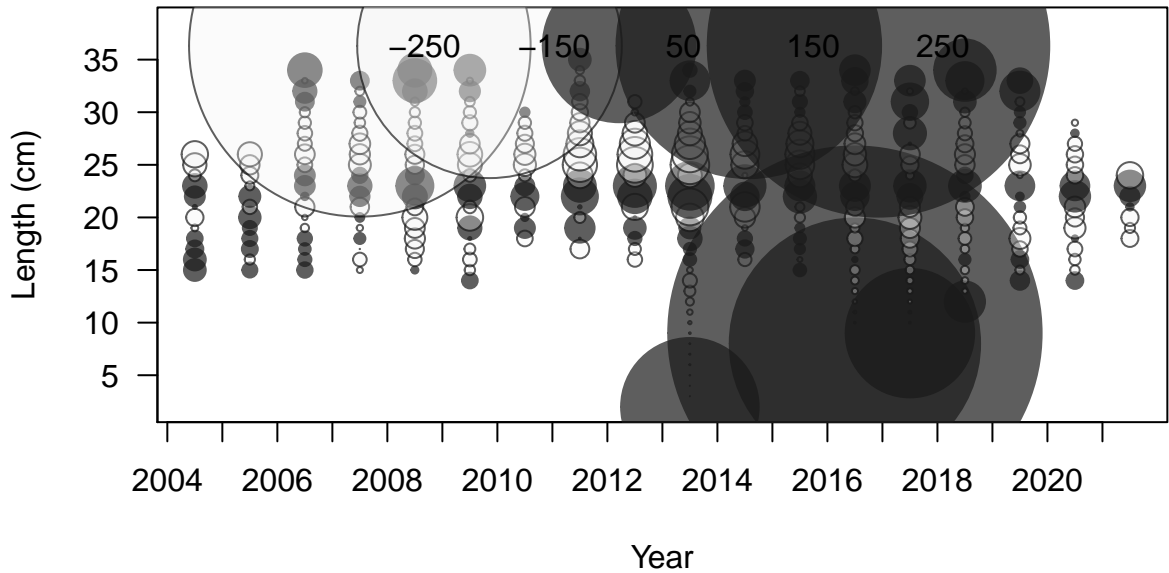




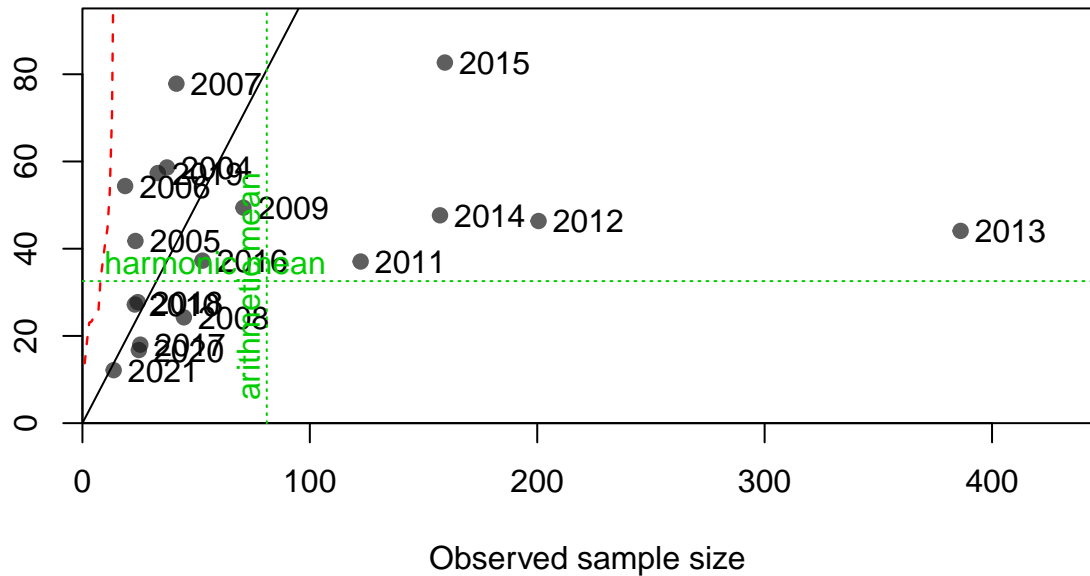


Proportion

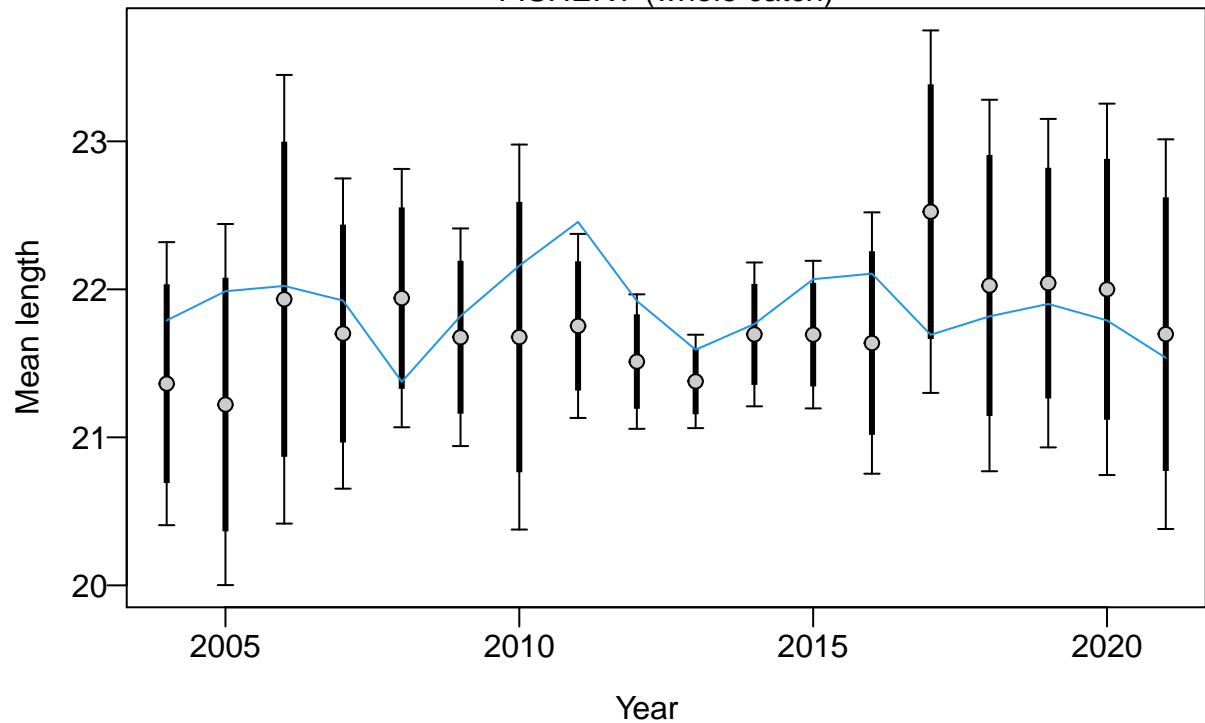


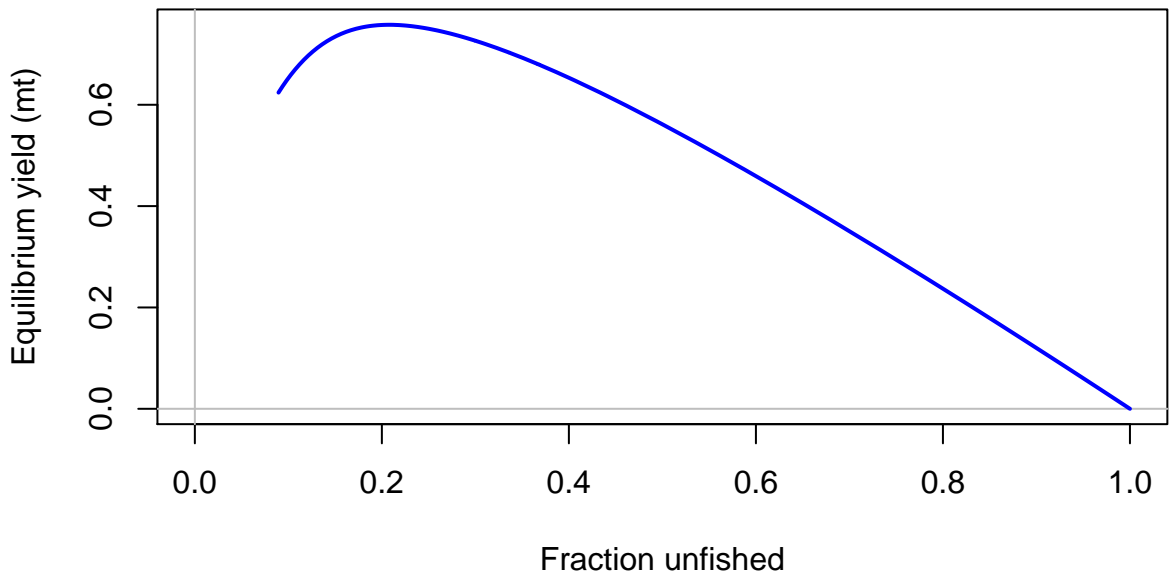


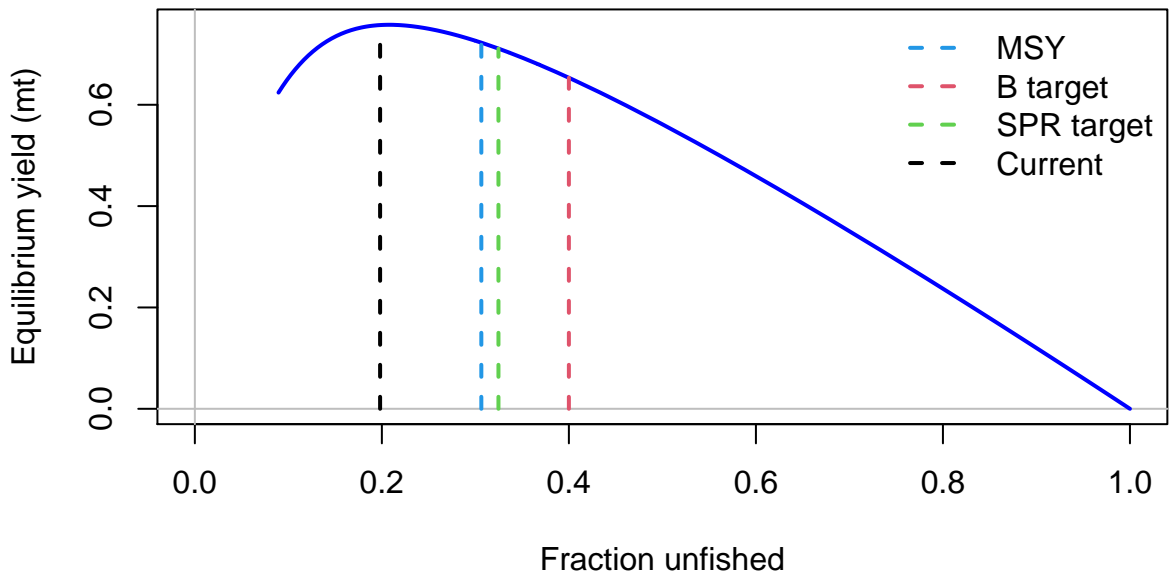
Effective sample size

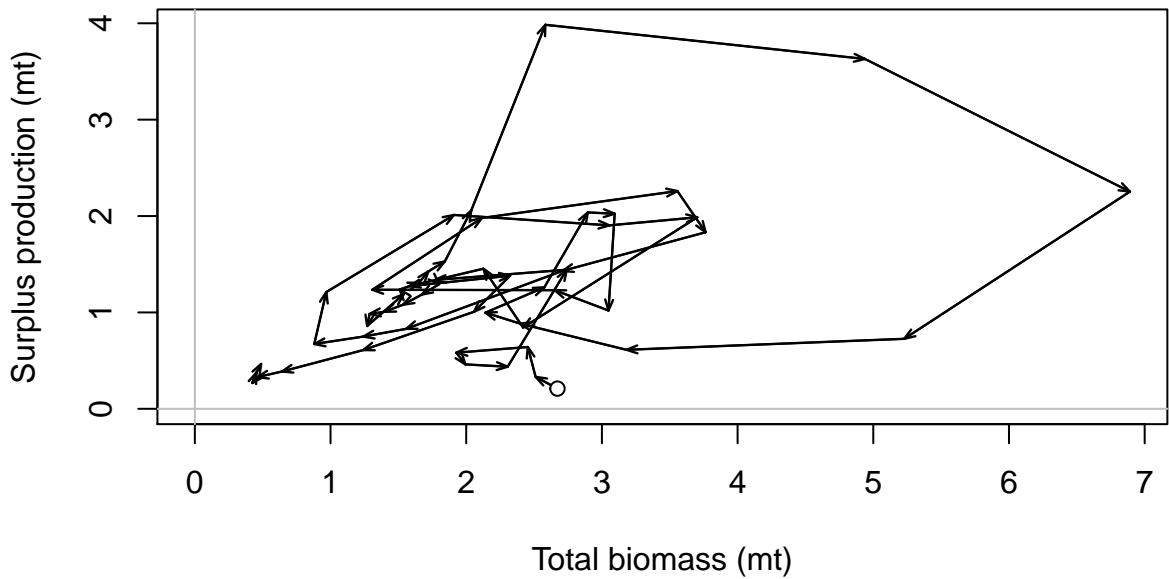


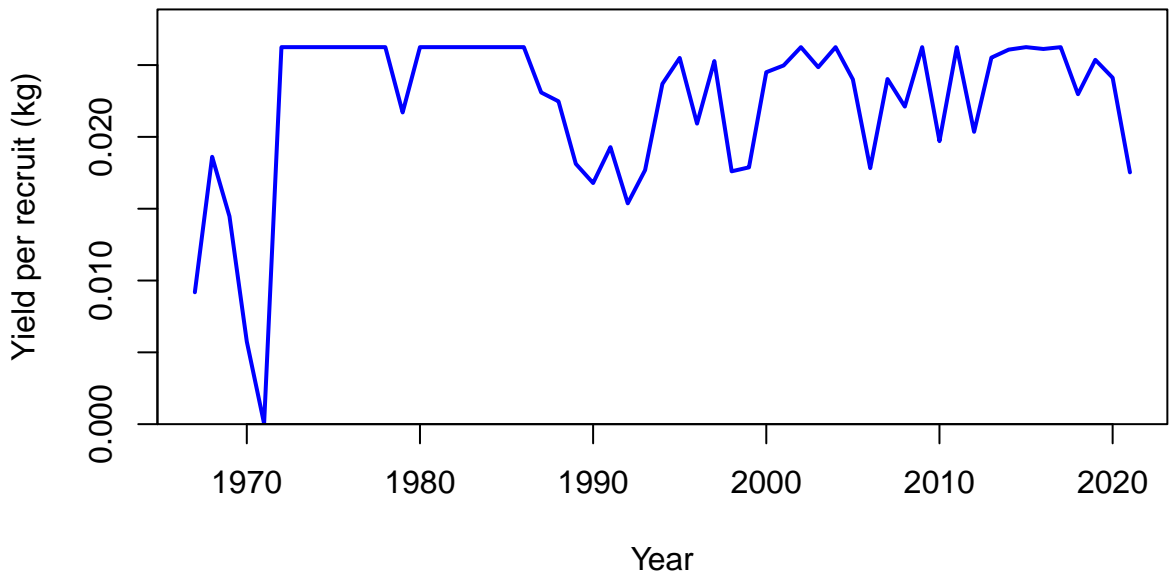
FISHERY (whole catch)

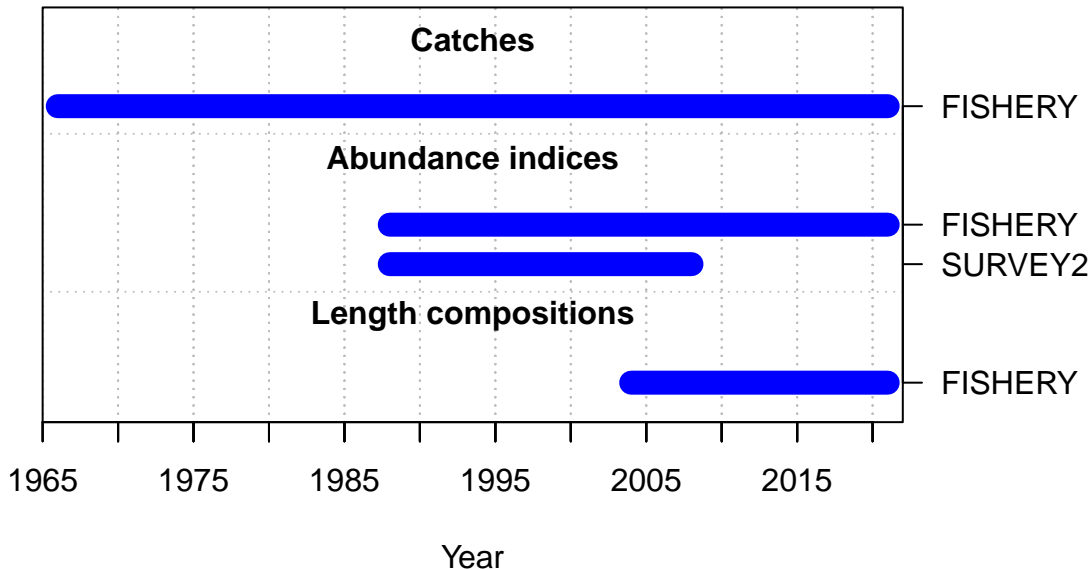


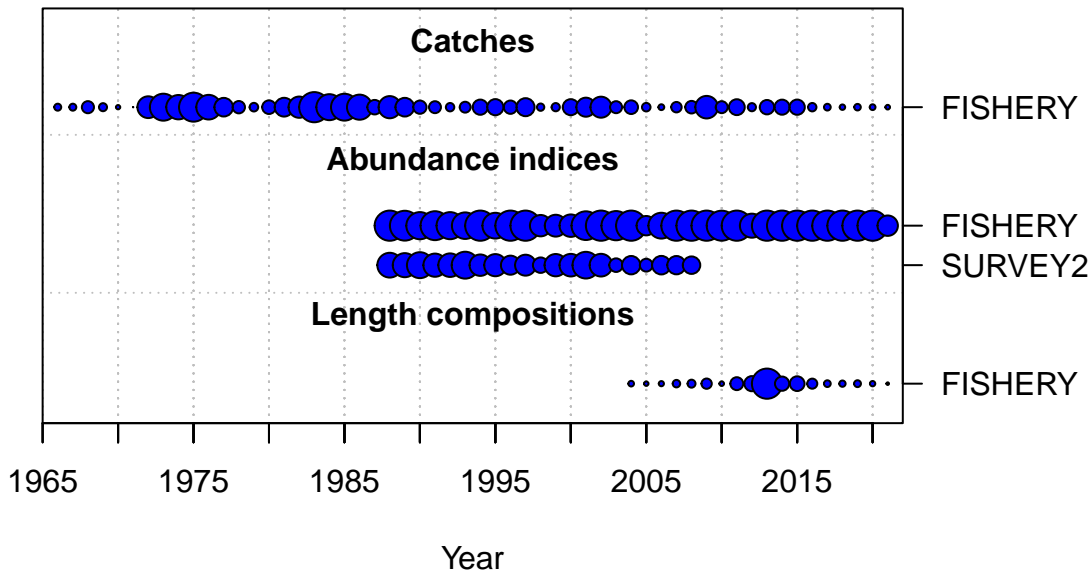




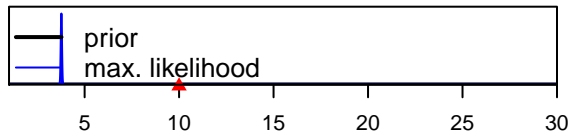




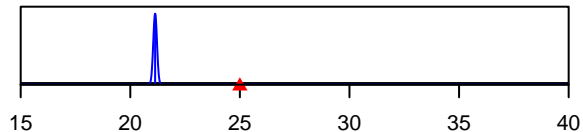




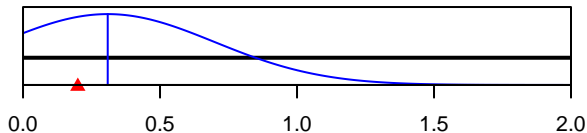
SR_LN(R0)



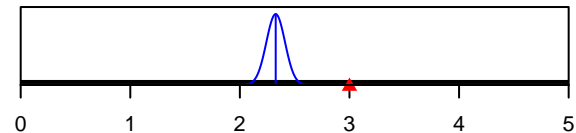
Size_inflection_FISHERY(1)



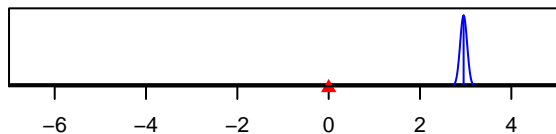
InitF_seas_1_flt_1FISHERY



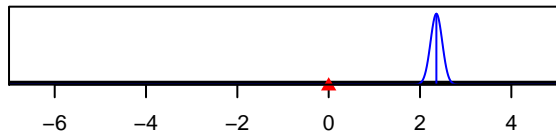
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)



Parameter value