

Plots created using the 'r4ss' package in R

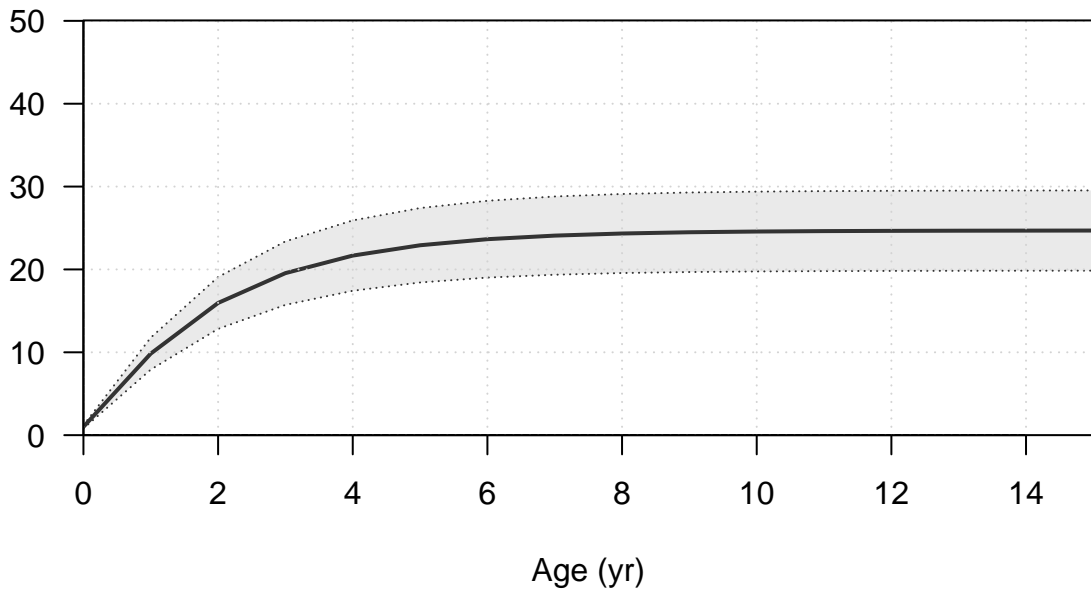
Stock Synthesis version: 3.30.19.0

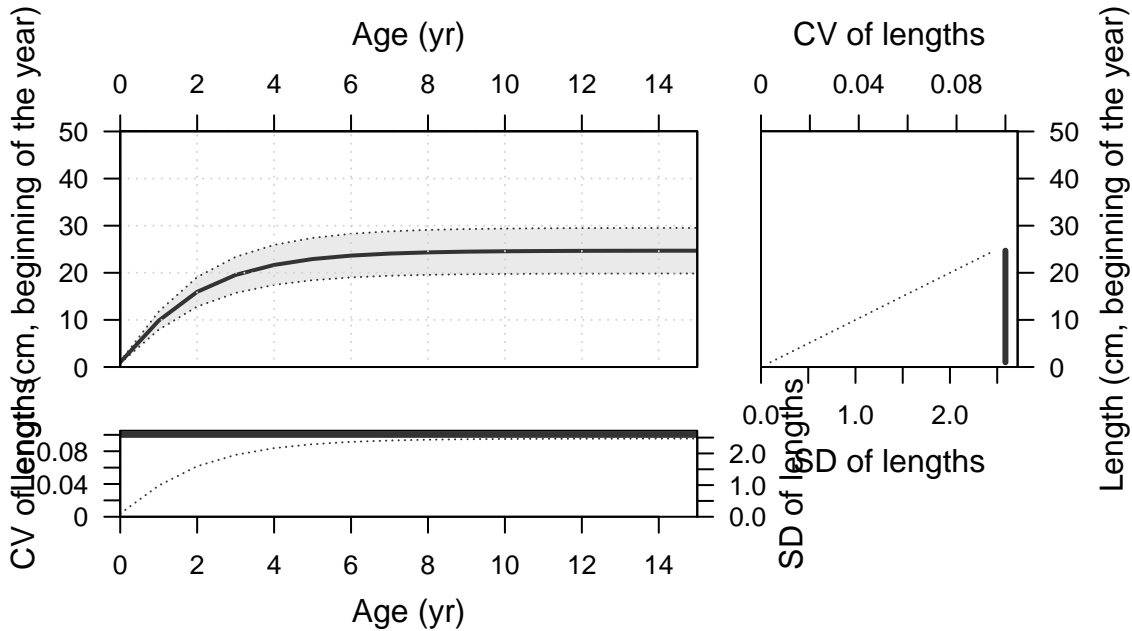
StartTime: Sat Jul 09 09:14:15 2022

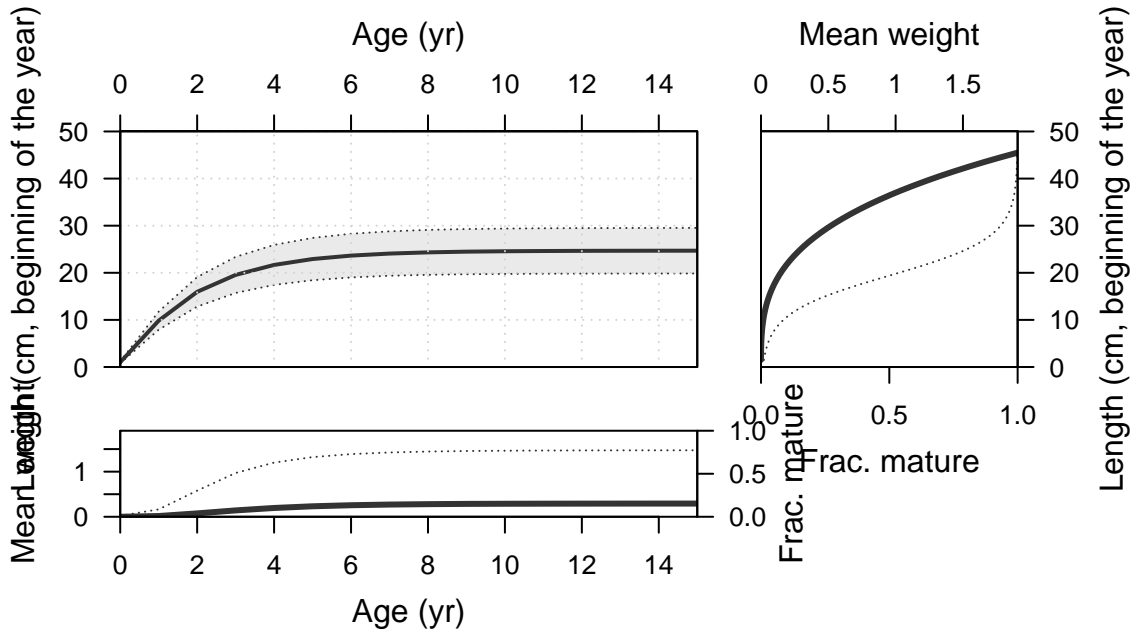
Data_File: data.ss

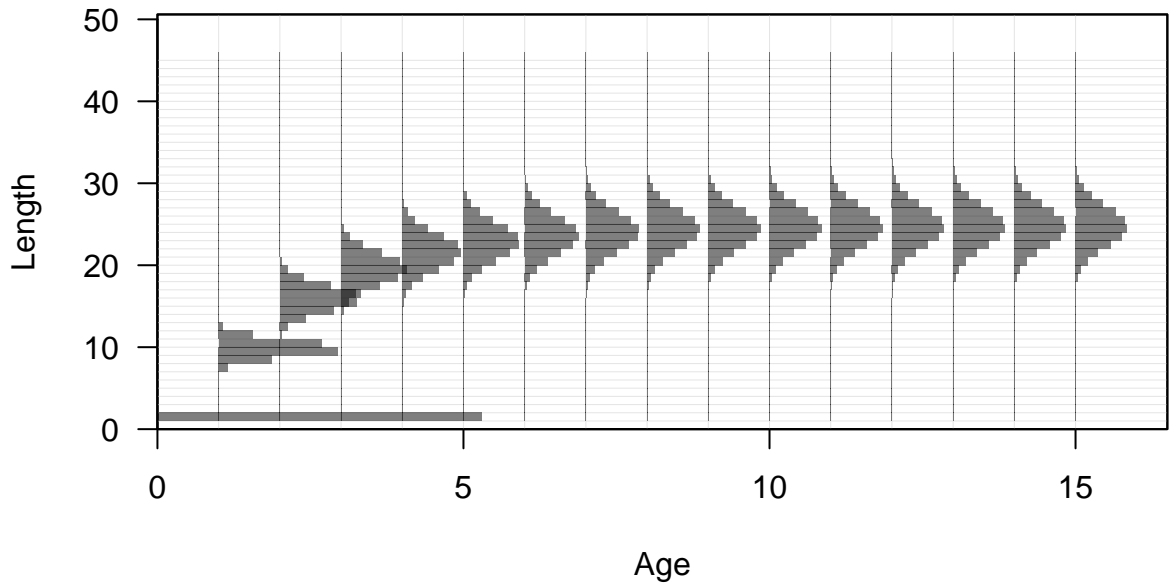
Control_File: control.ss

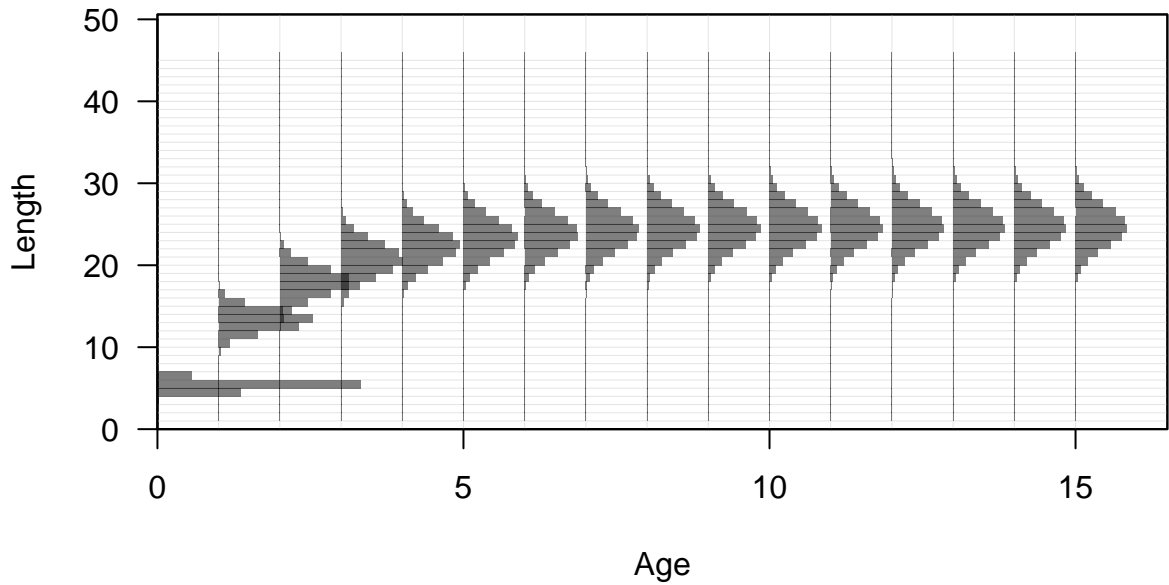
Length (cm, beginning of the year)



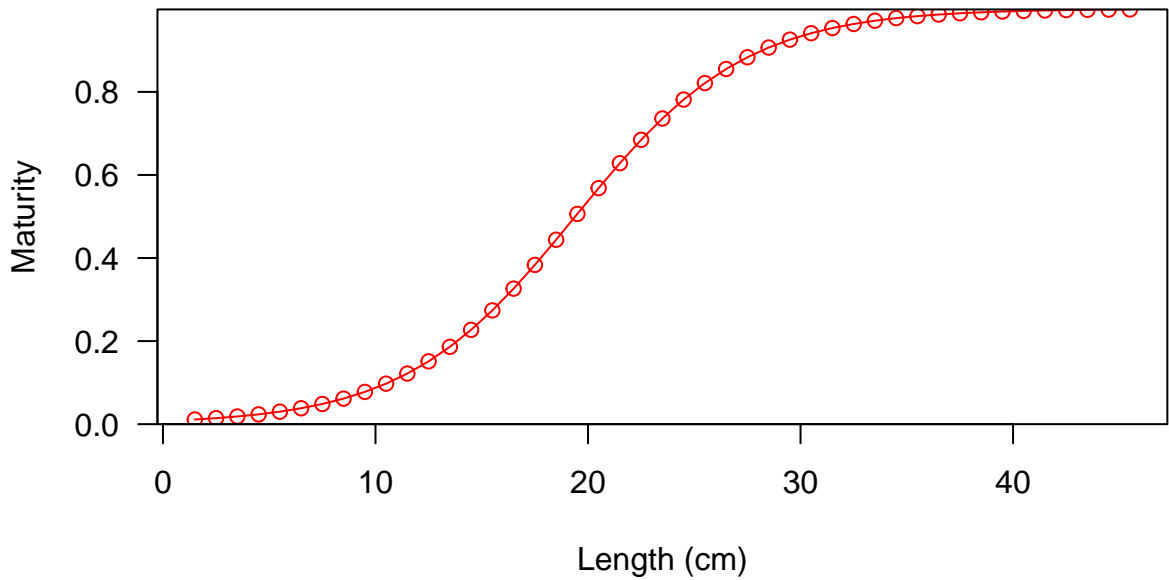




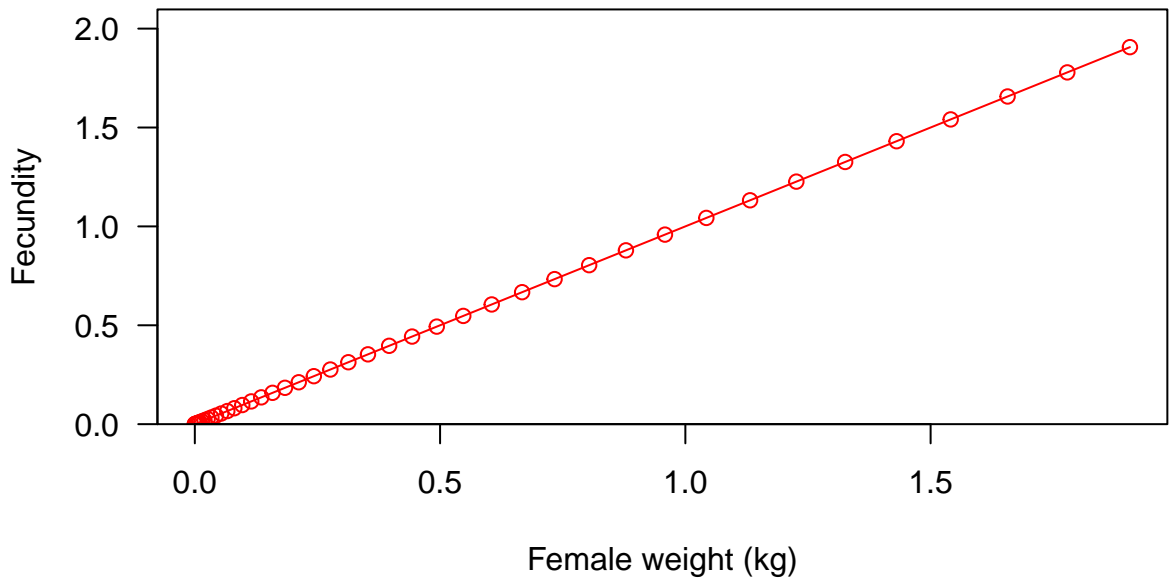




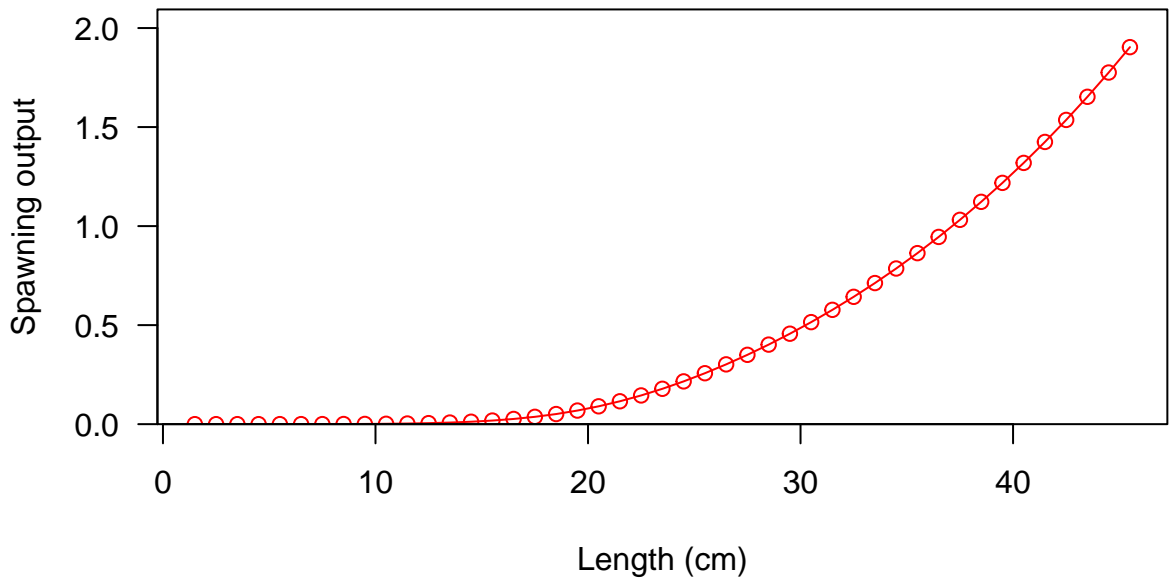


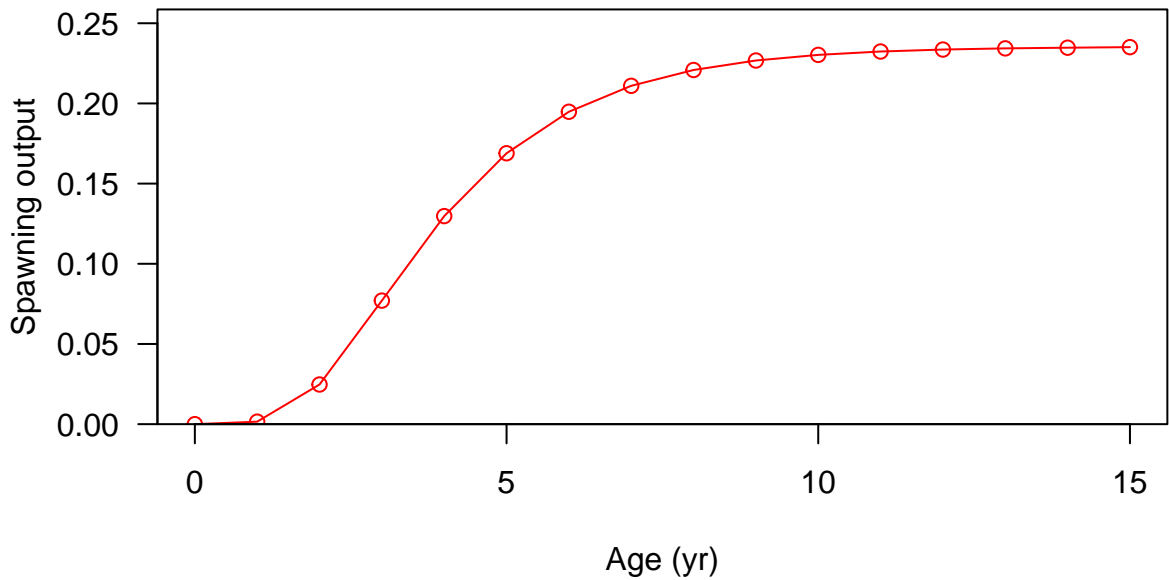




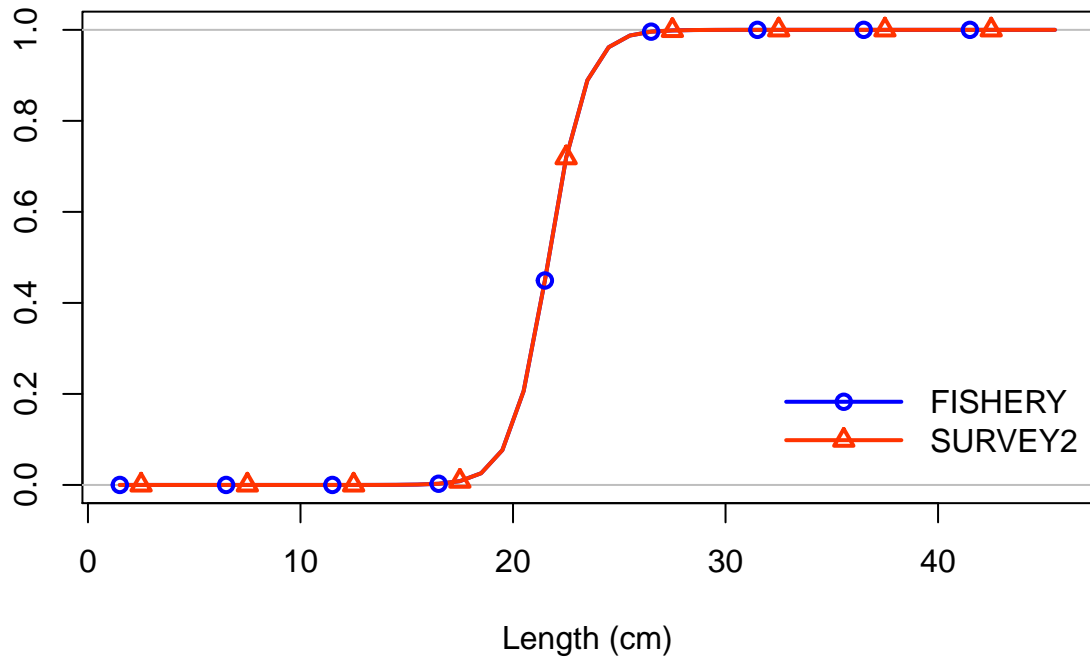




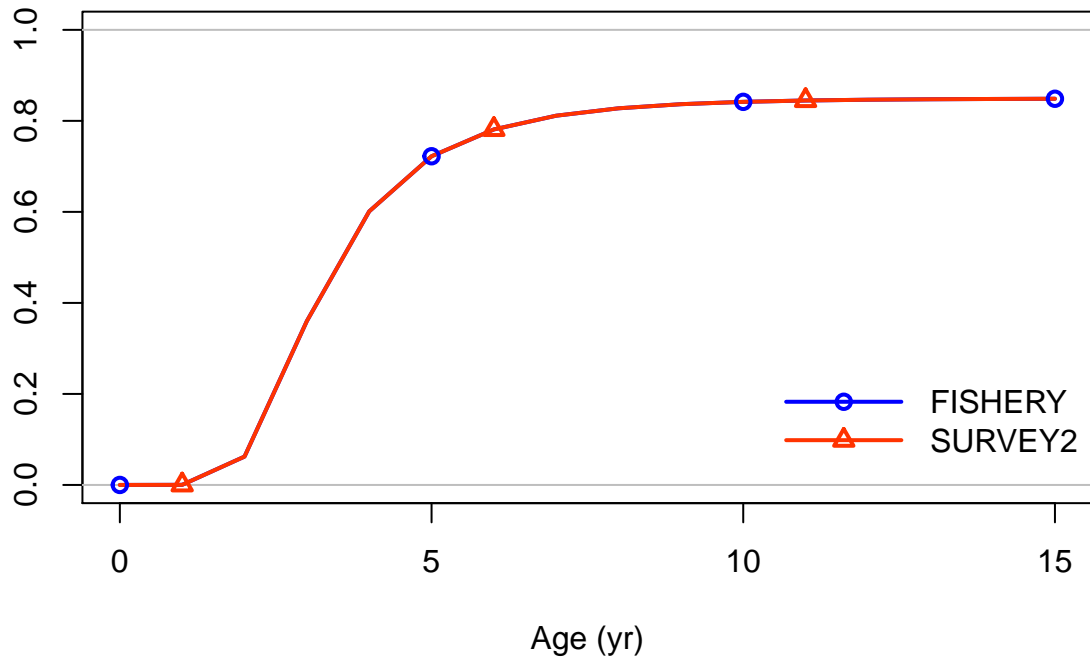




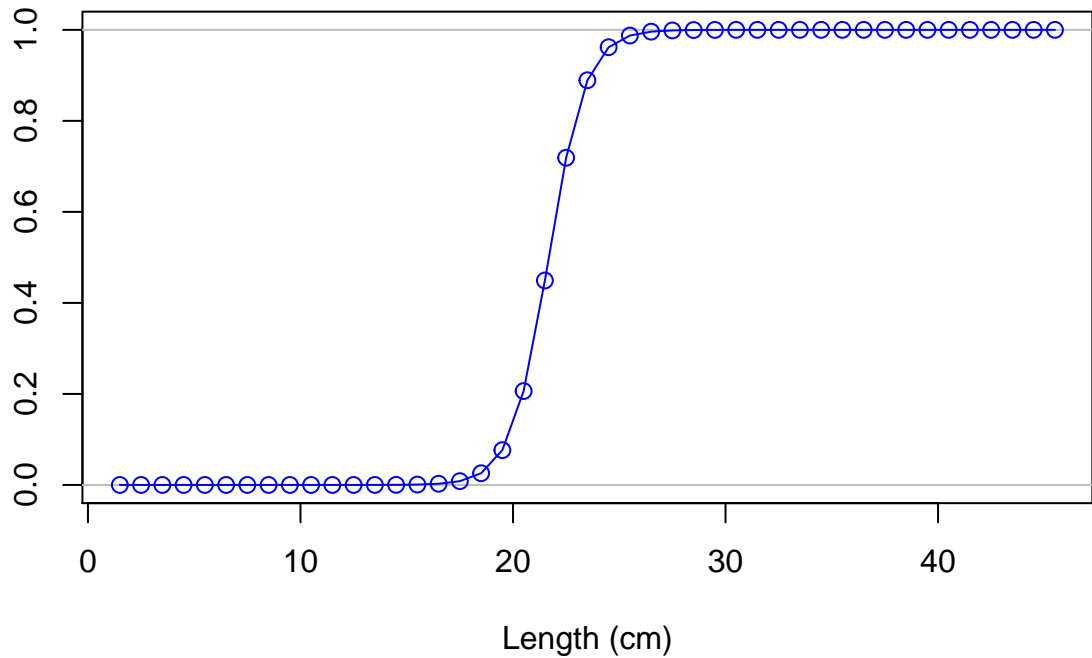
Selectivity



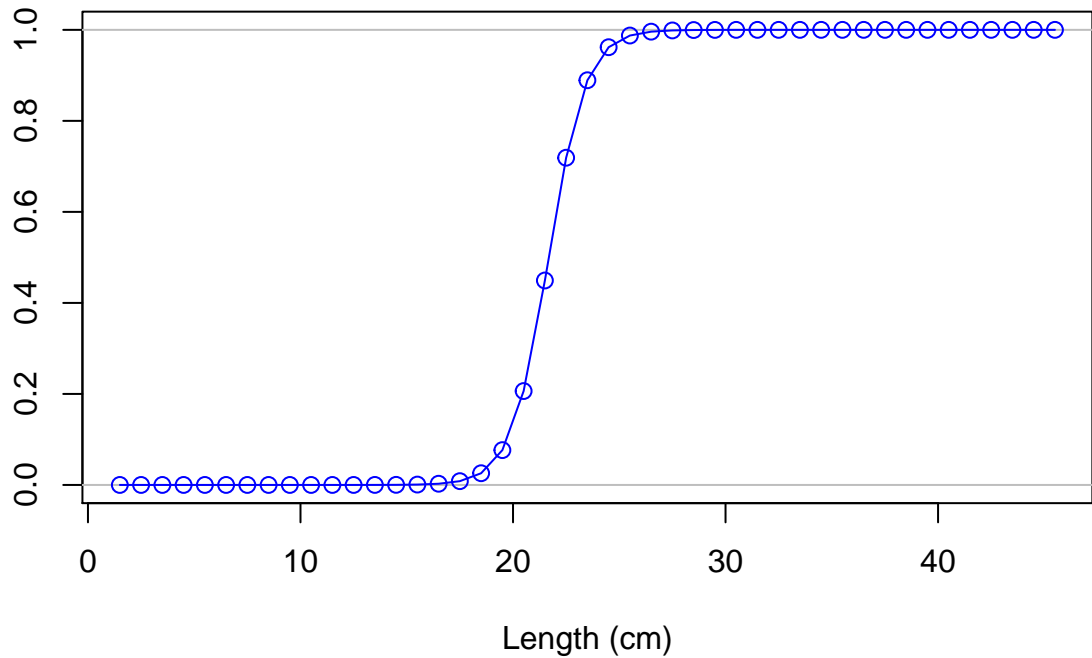
Selectivity

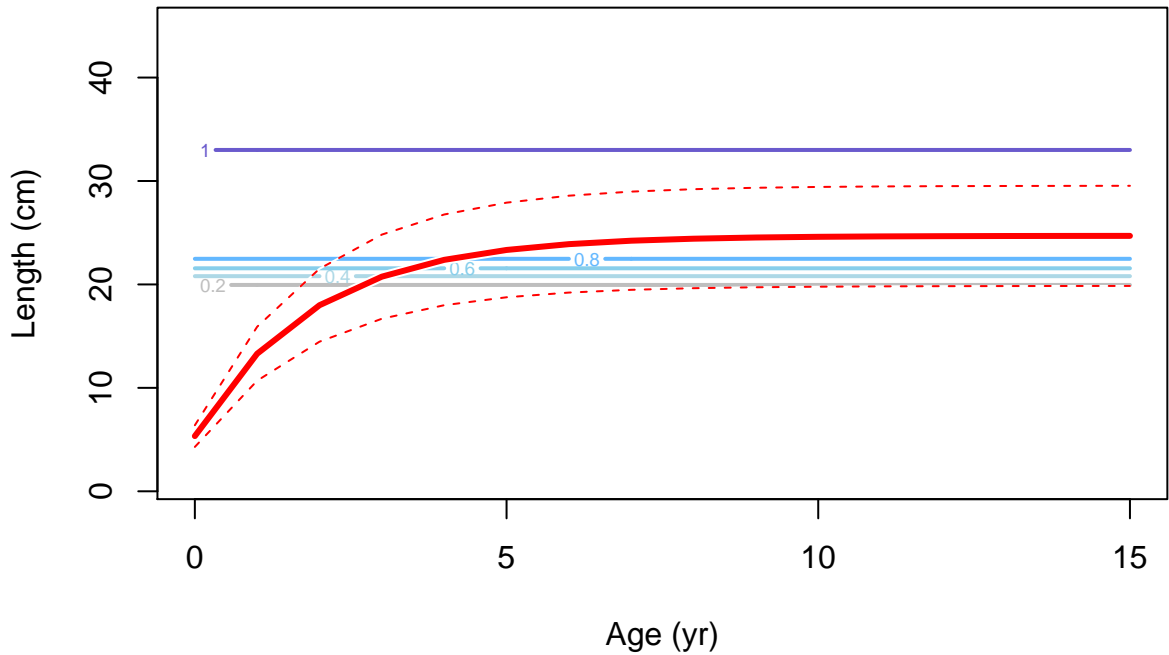


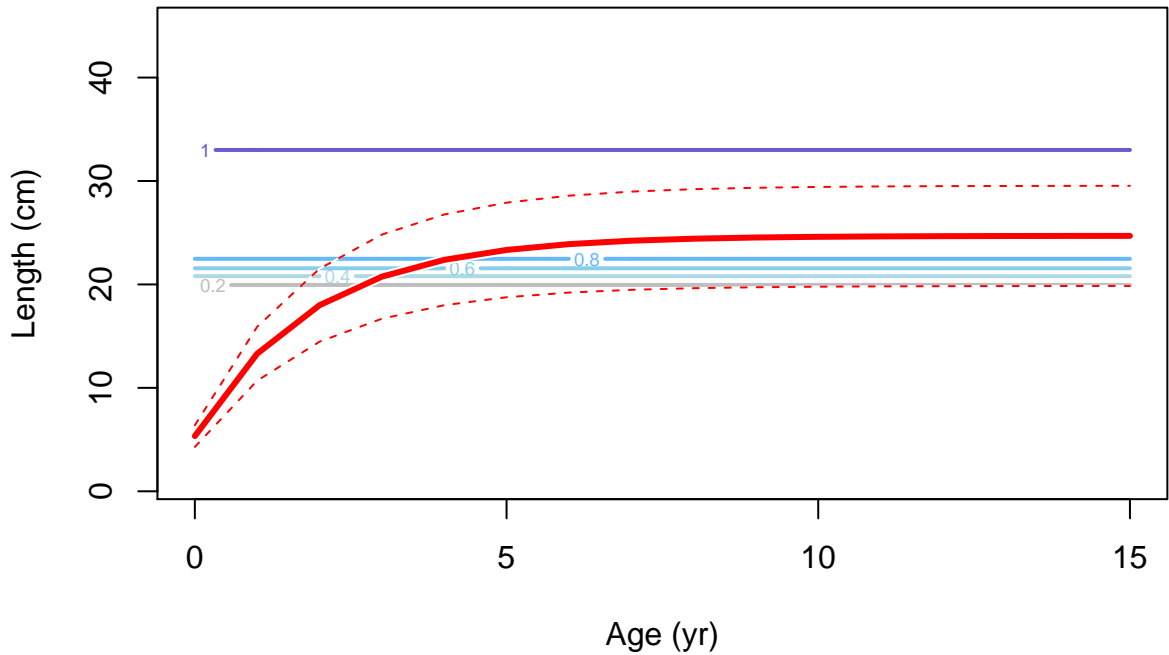
Selectivity



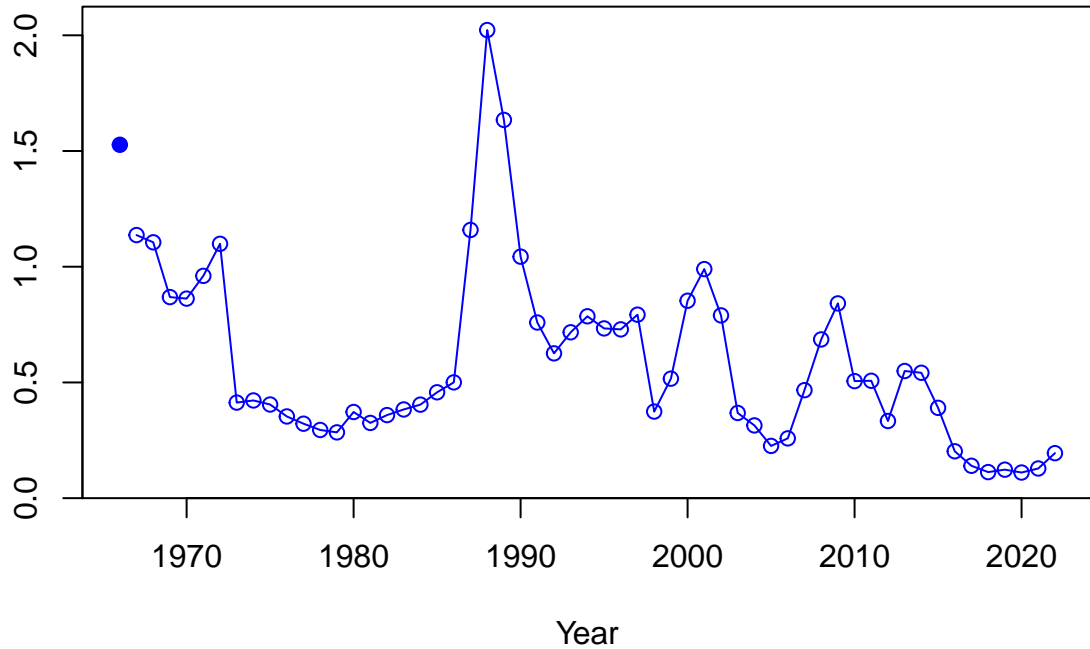
Selectivity

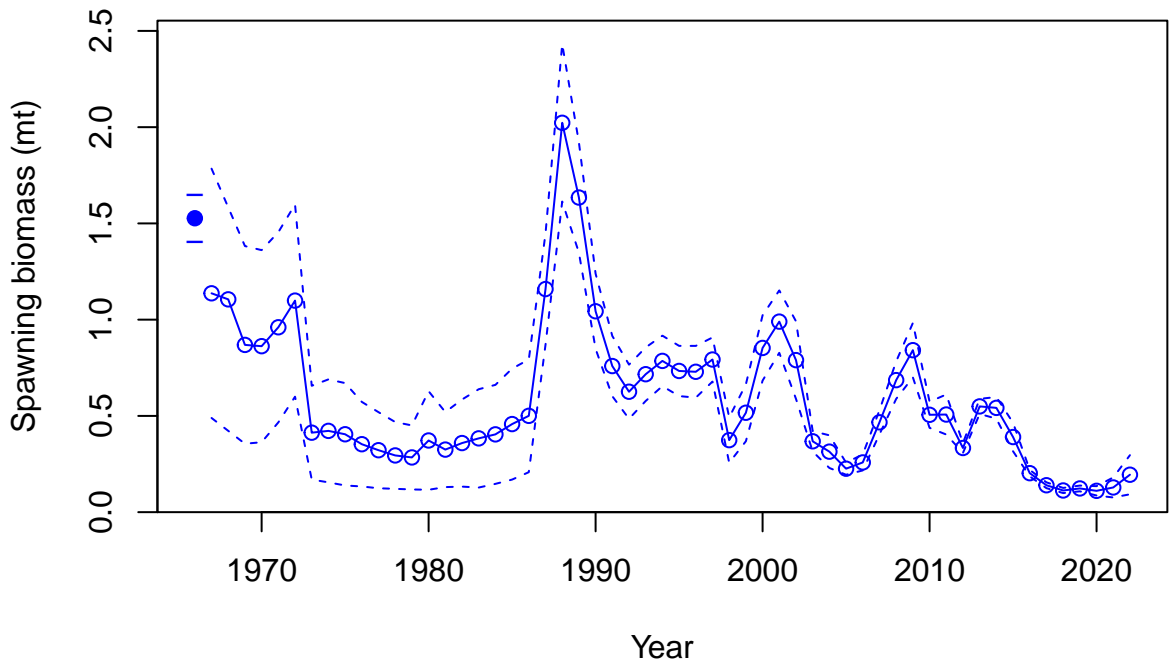




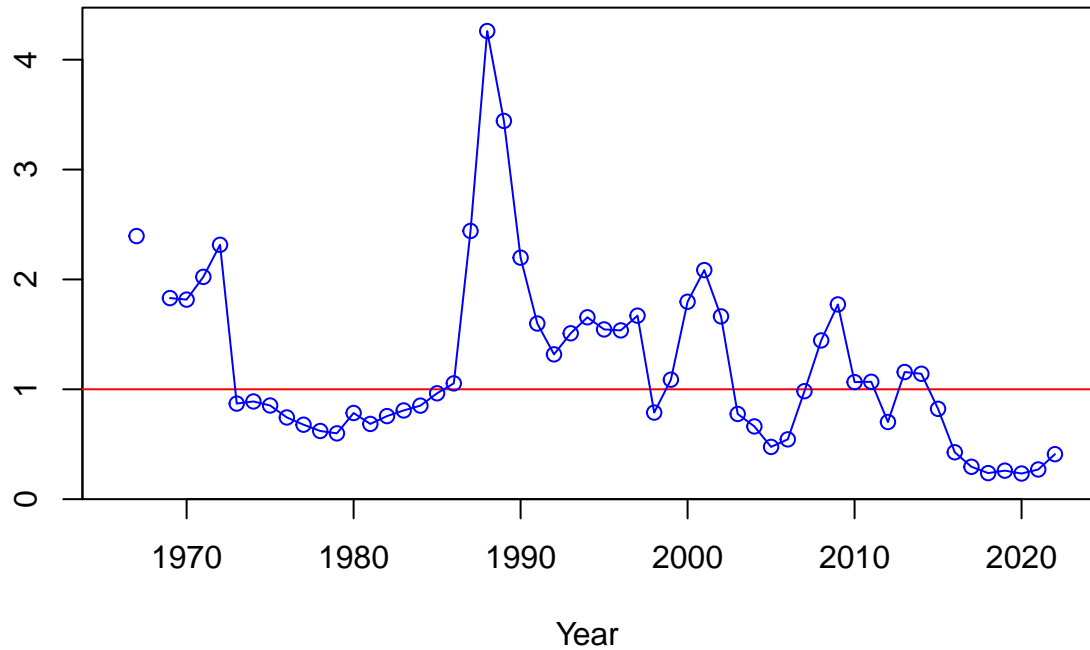


Spawning biomass (mt)

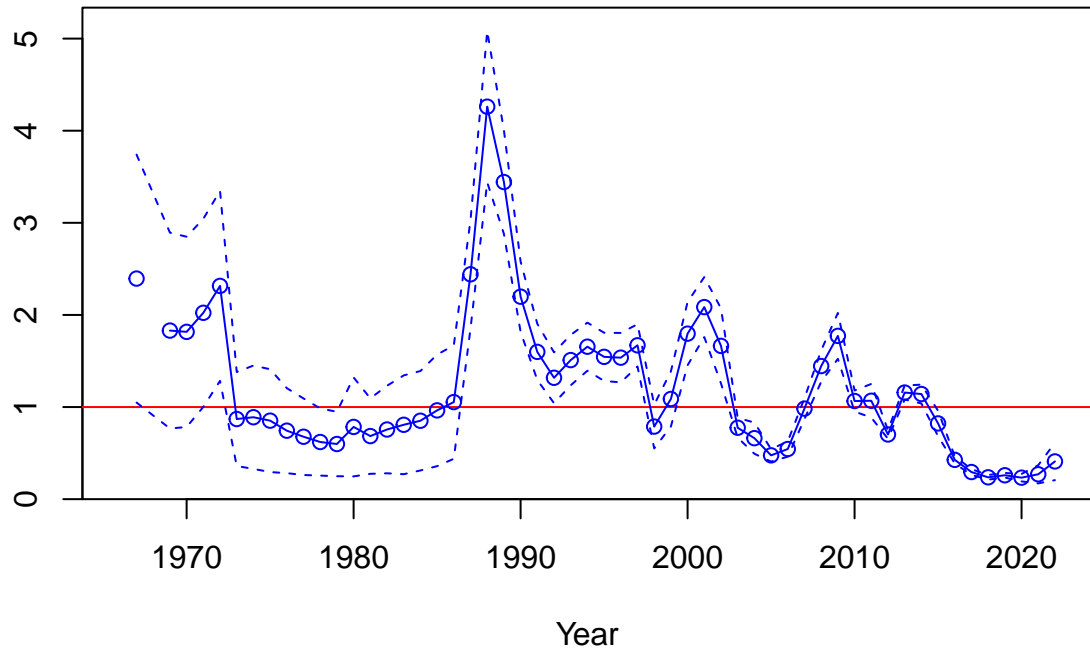


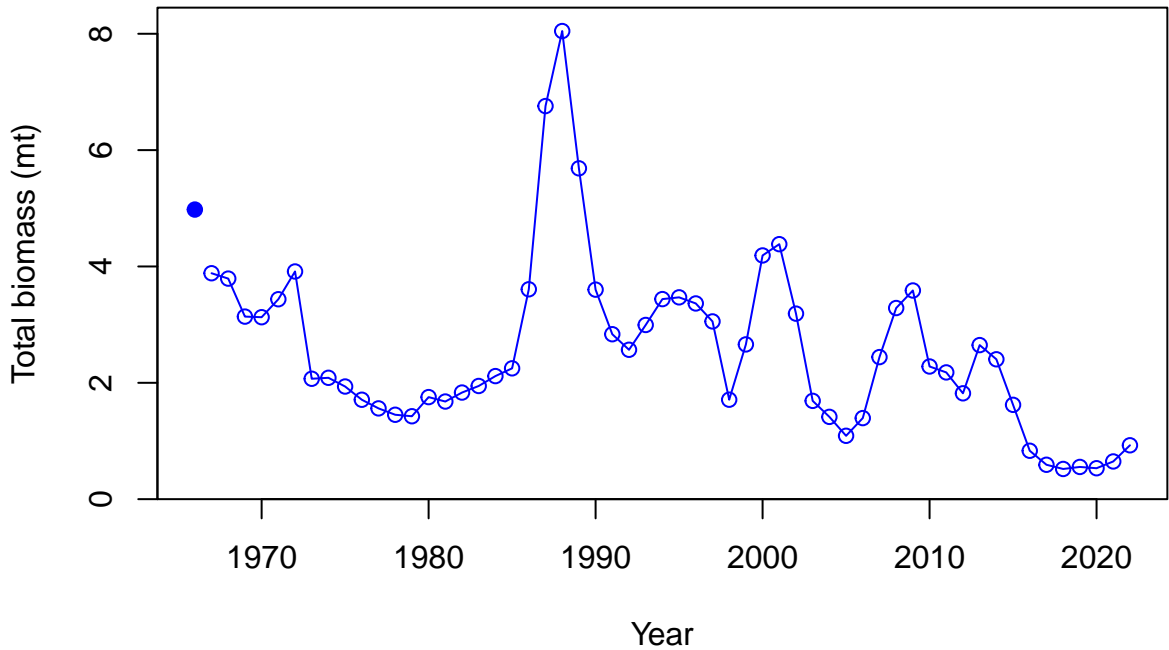


Relative spawning biomass: B/B_{MSY}

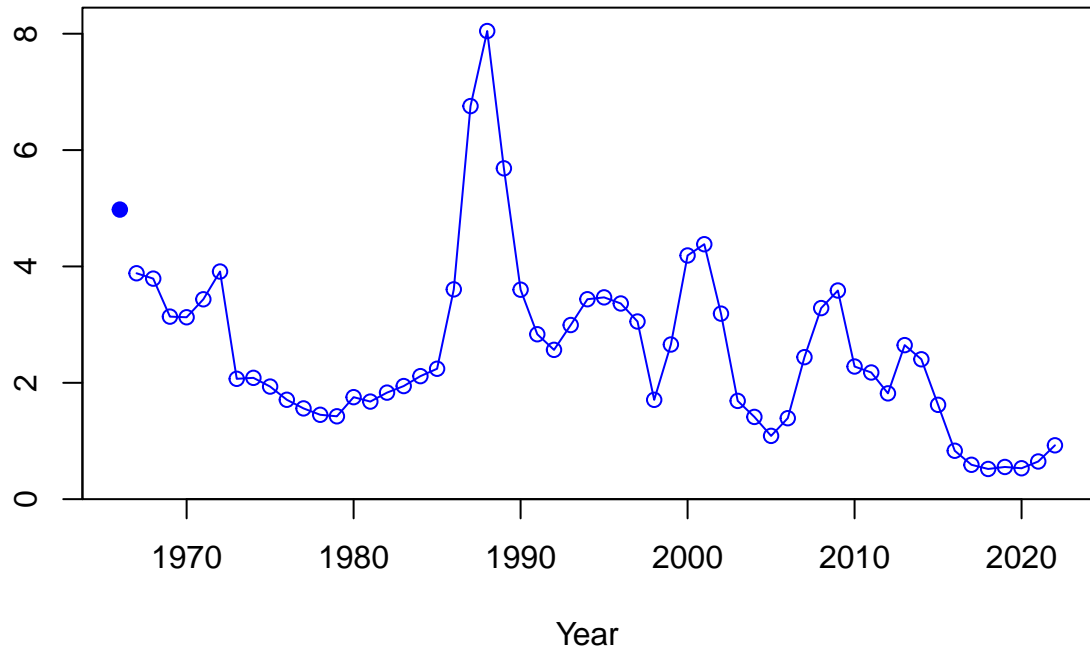


Relative spawning biomass: B/B_{MSY}

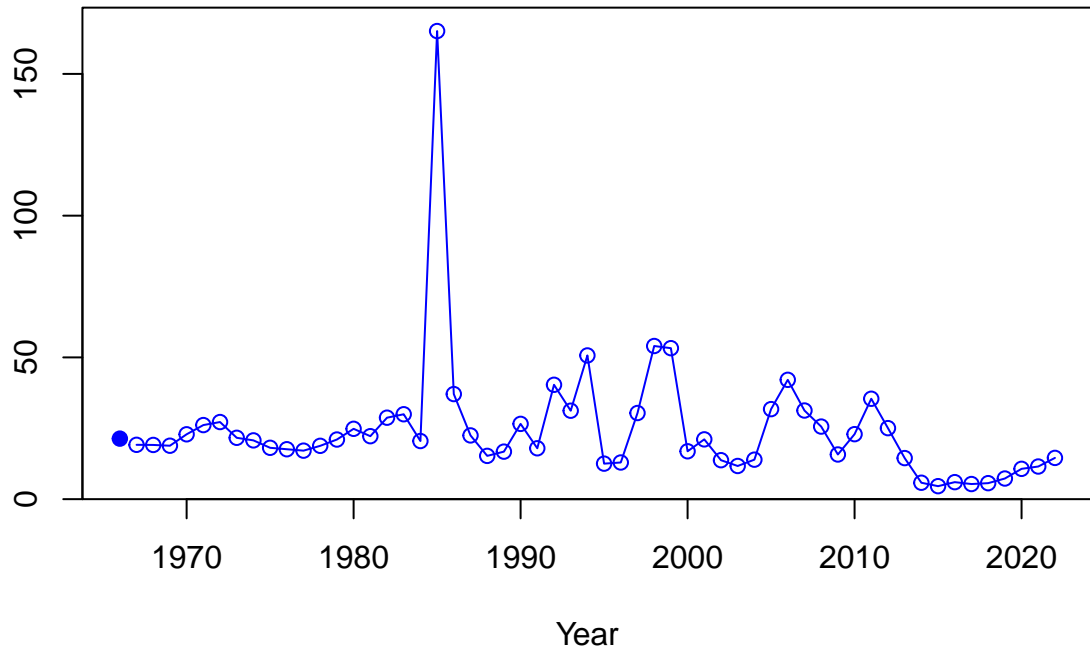




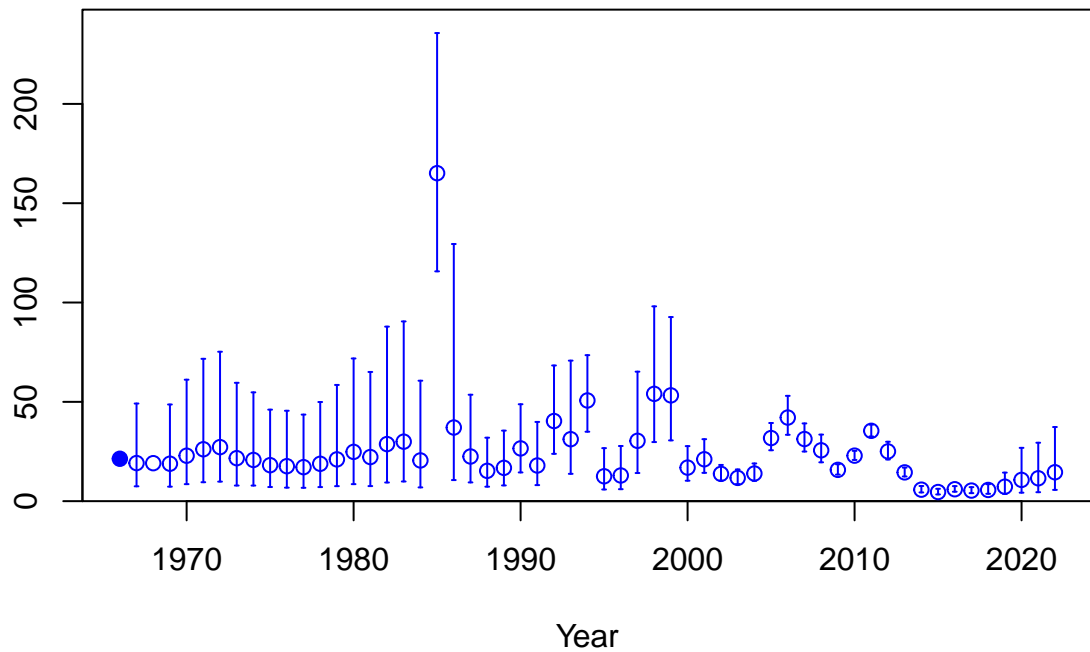
Summary biomass (mt)



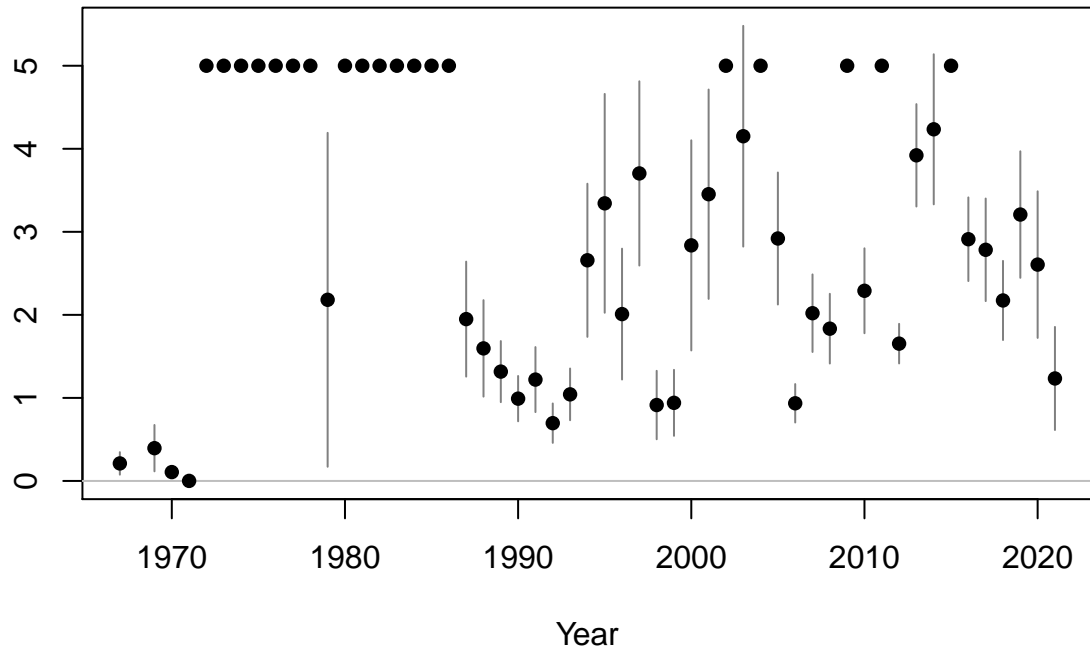
Age-0 recruits (1,000s)

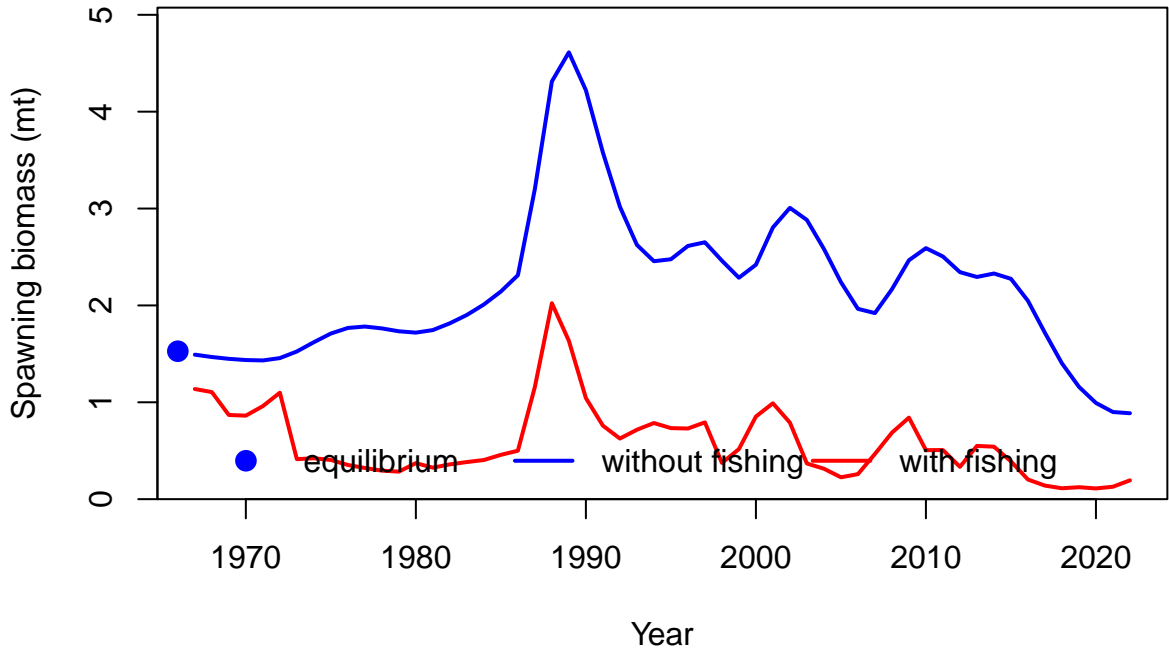


Age-0 recruits (1,000s)

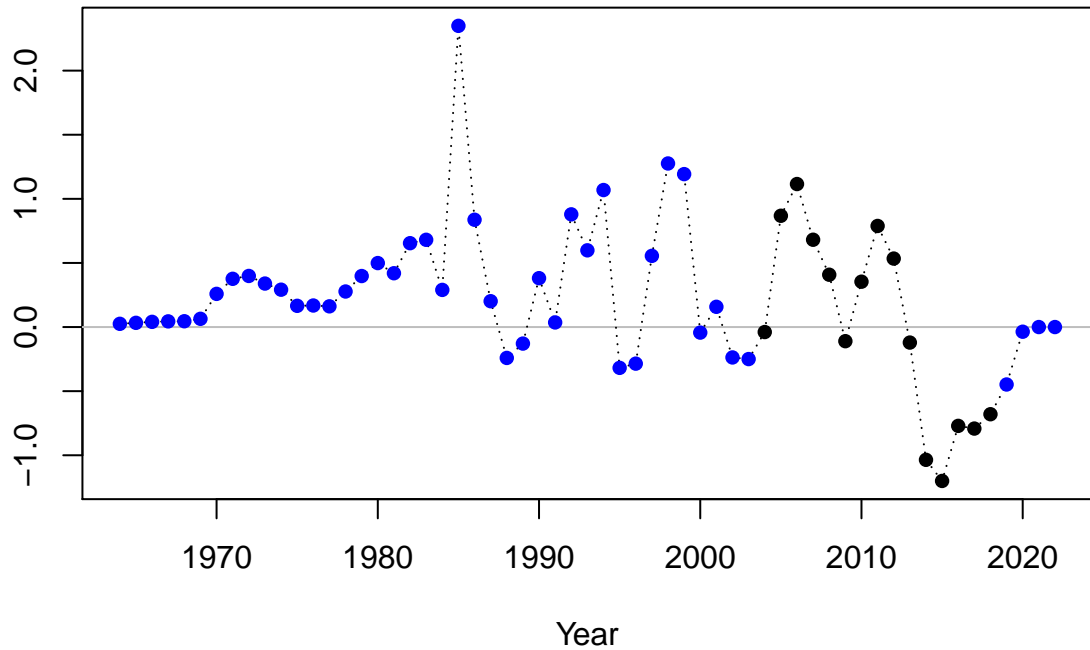


Summary Fishing Mortality

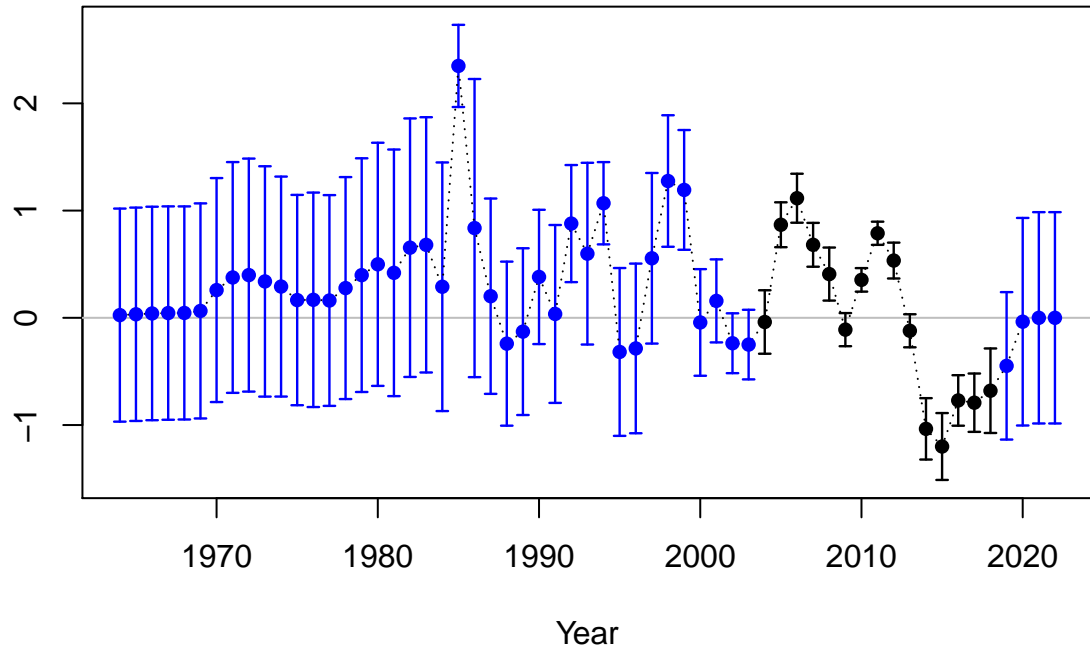




Log recruitment deviation

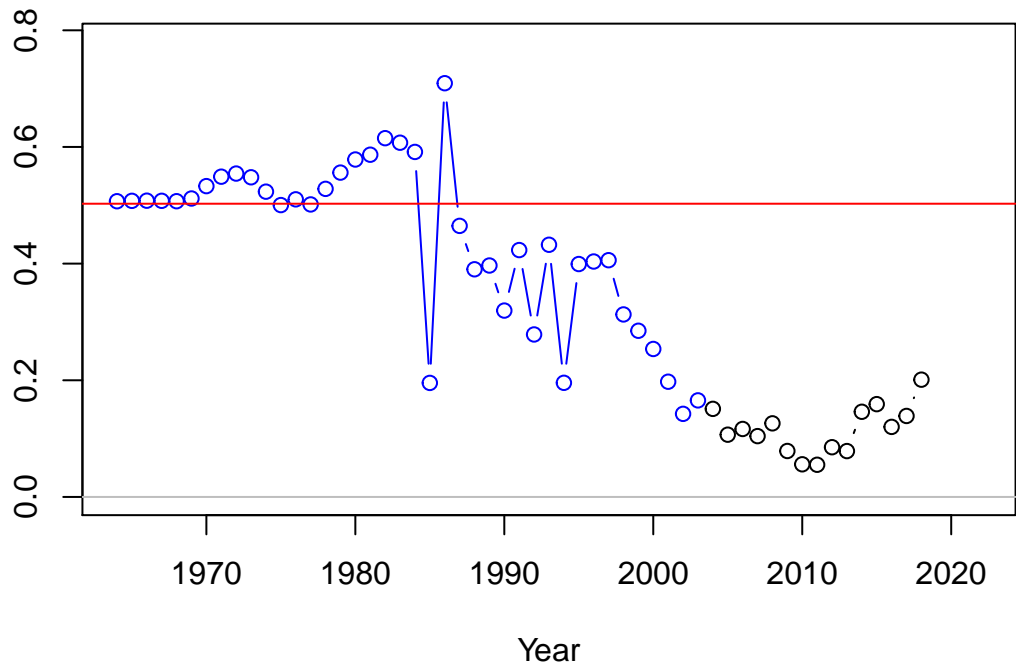


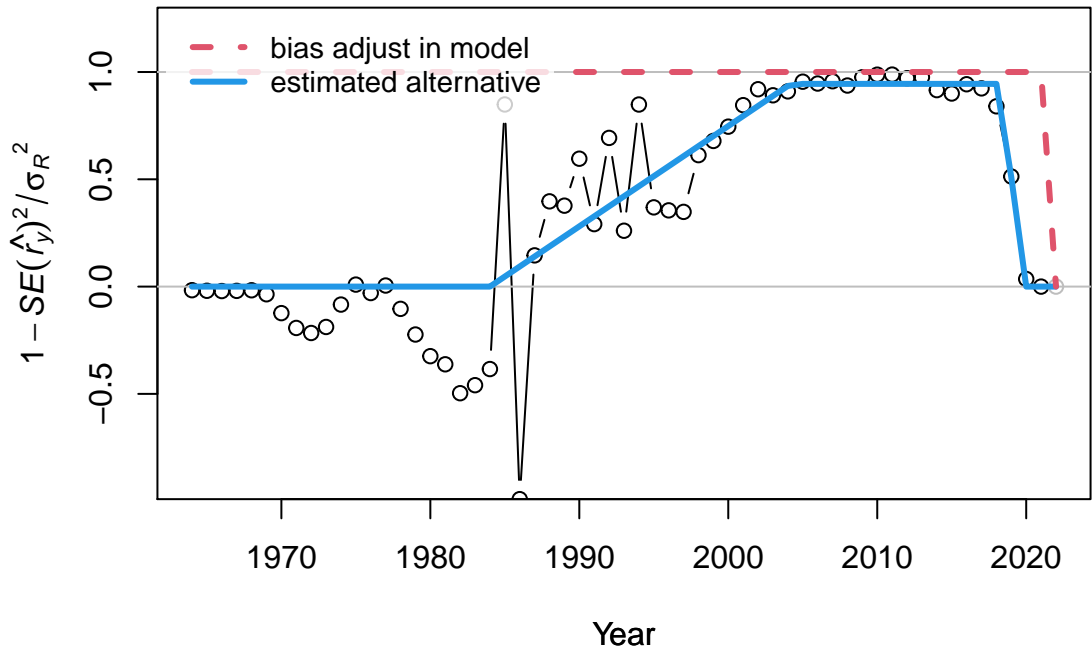
Log recruitment deviation

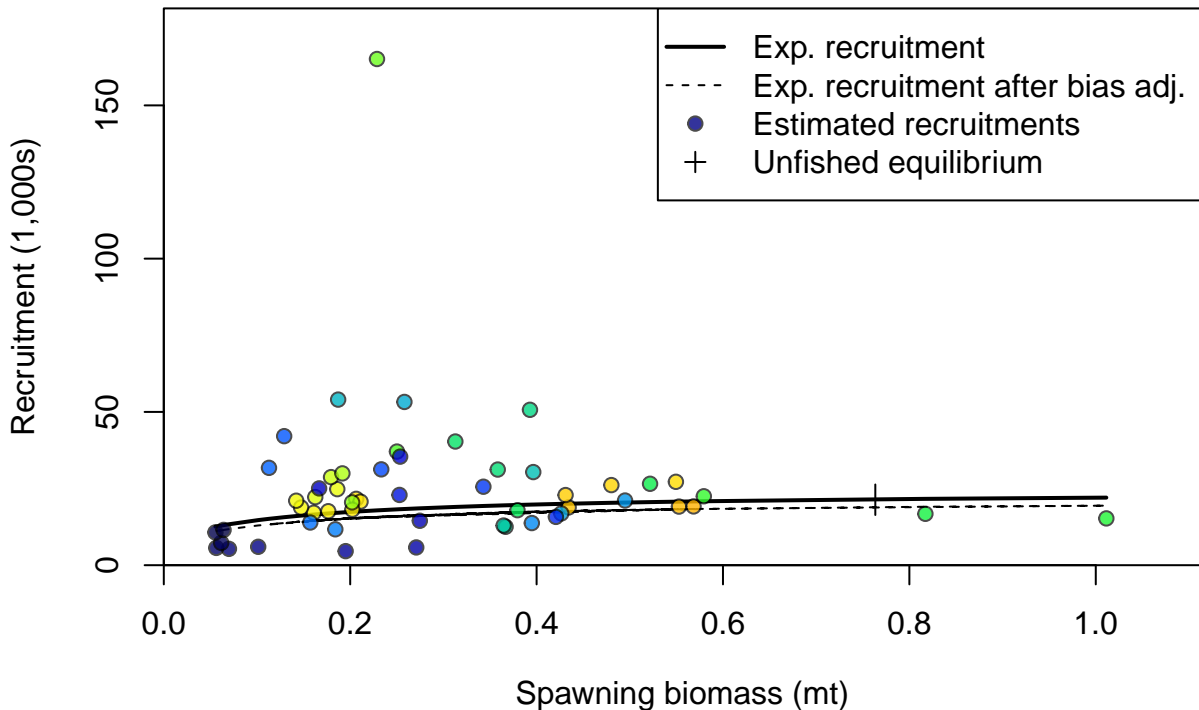


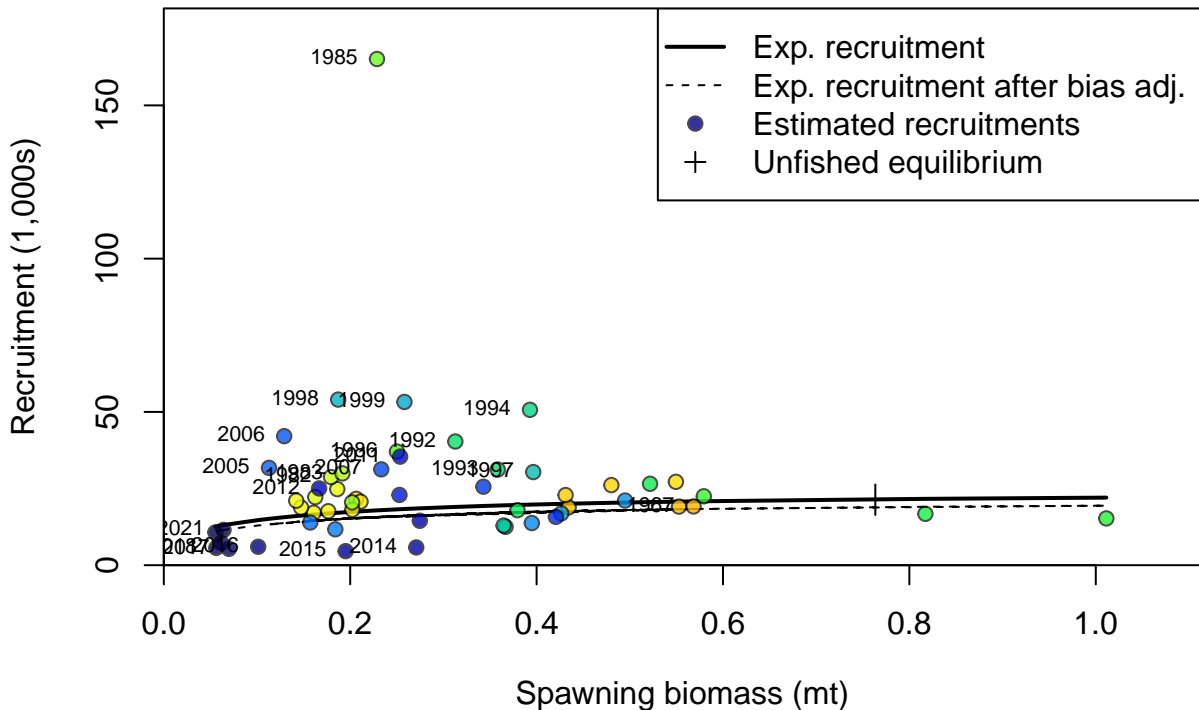
Recruitment deviation variance

Asymptotic standard error estimate

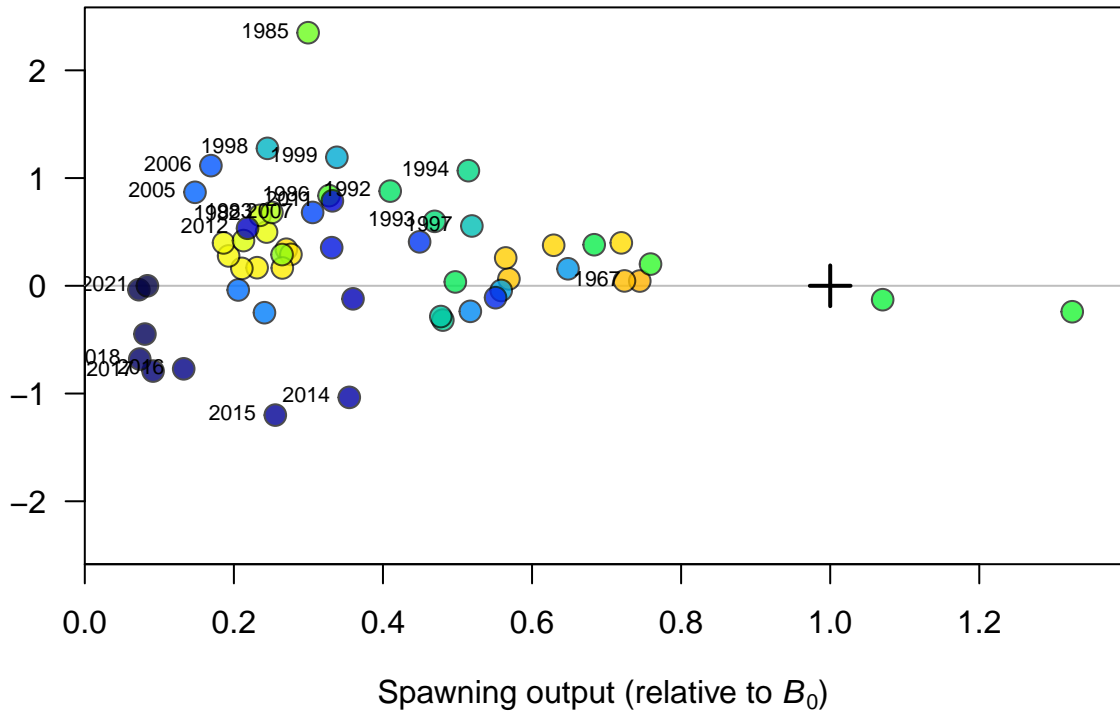


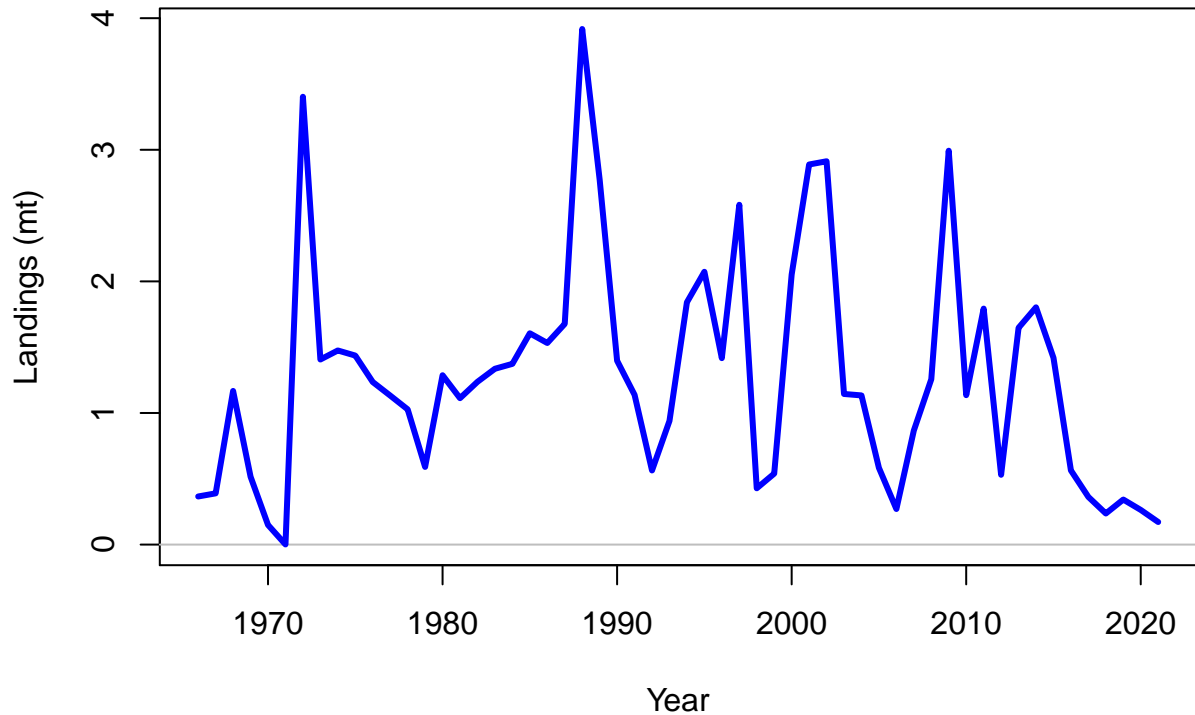


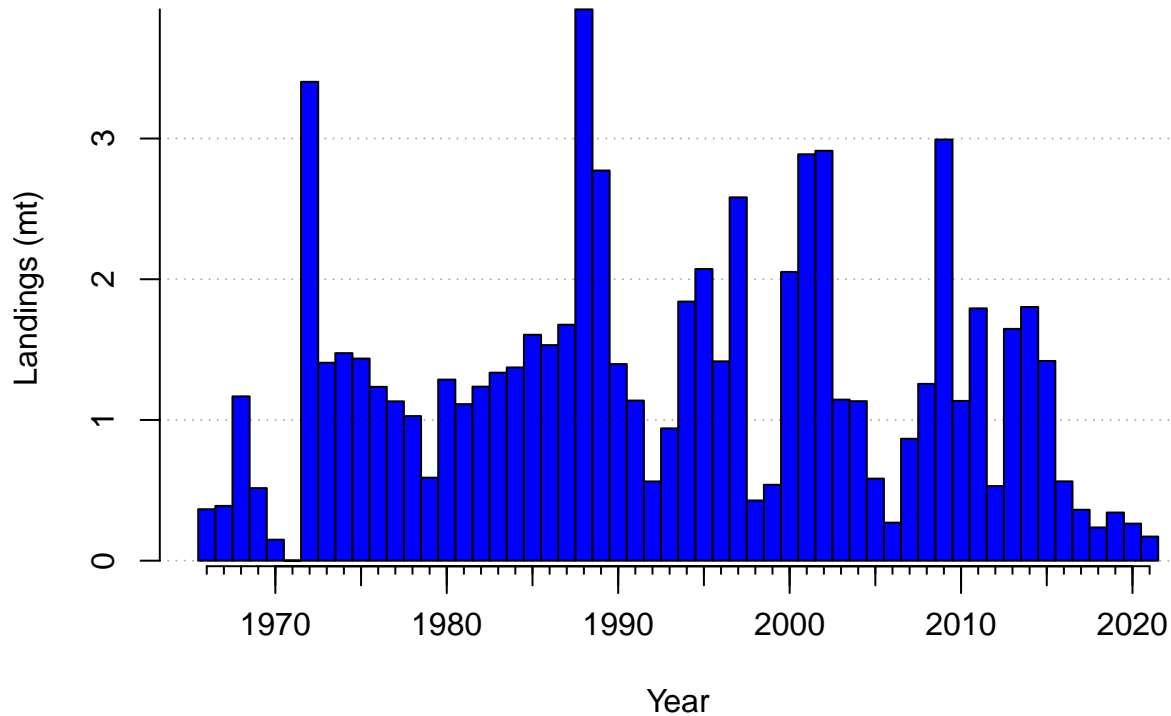




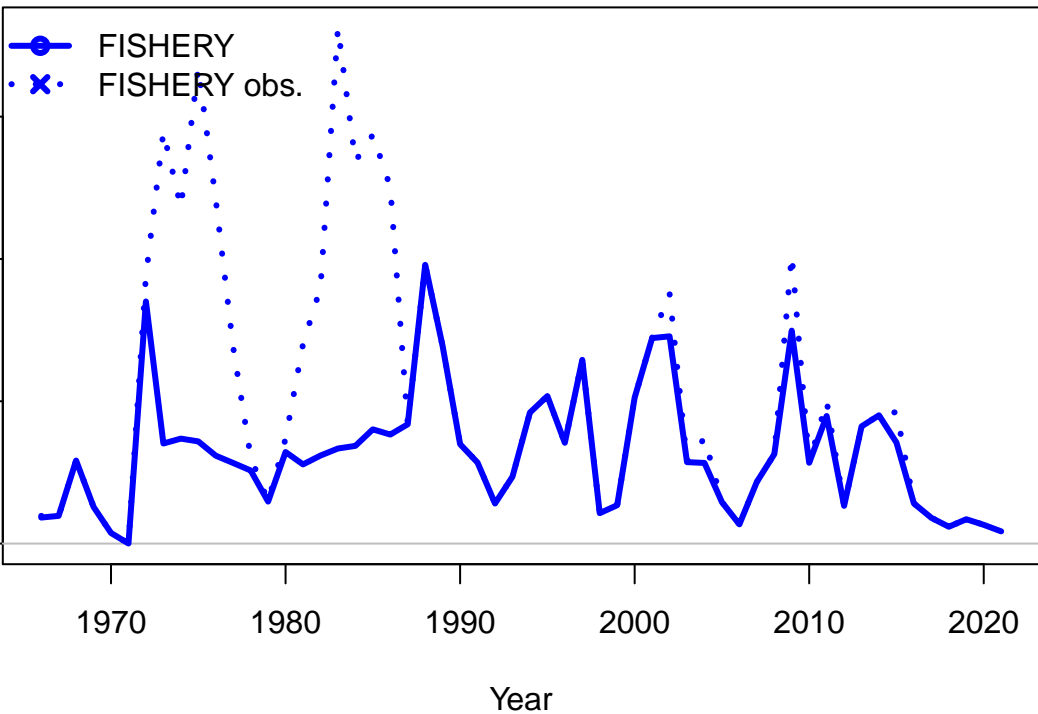
Log recruitment deviation

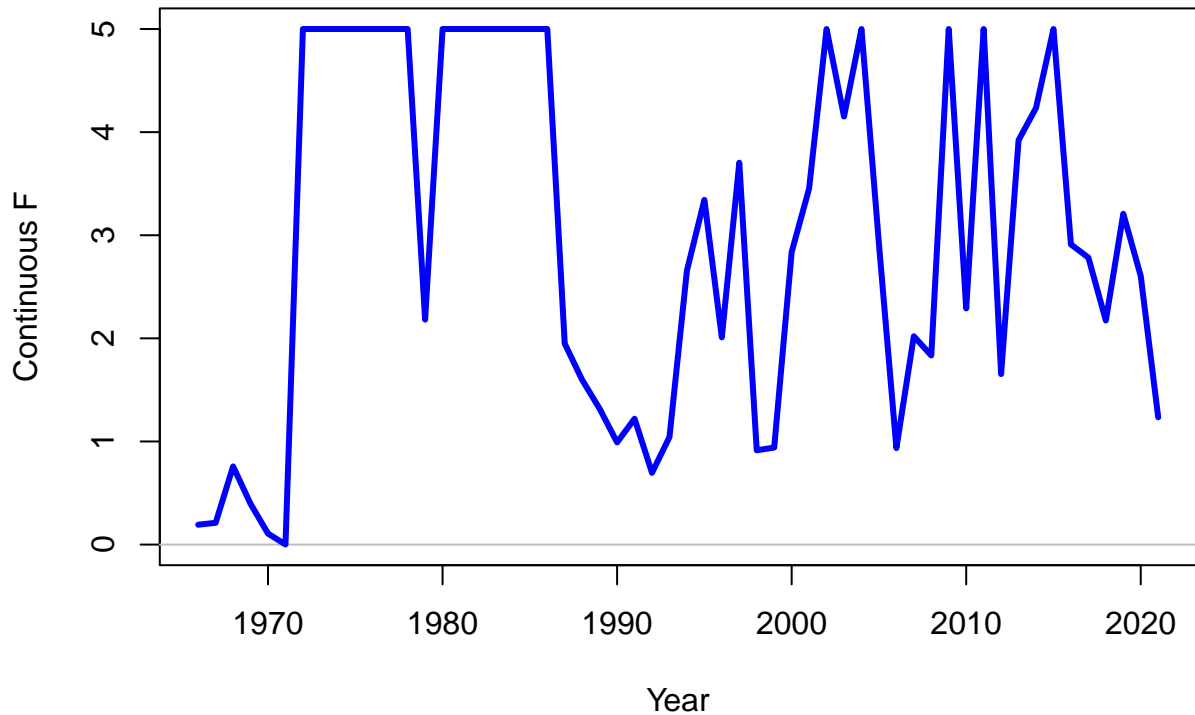




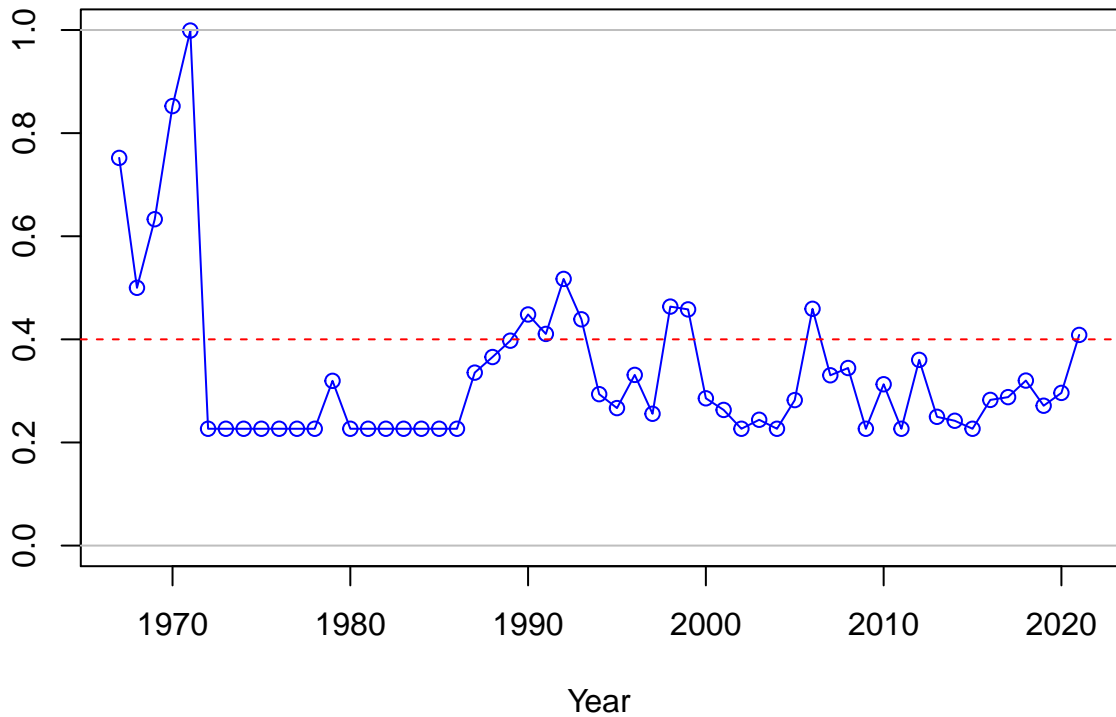


Observed and expected Landings (mt)

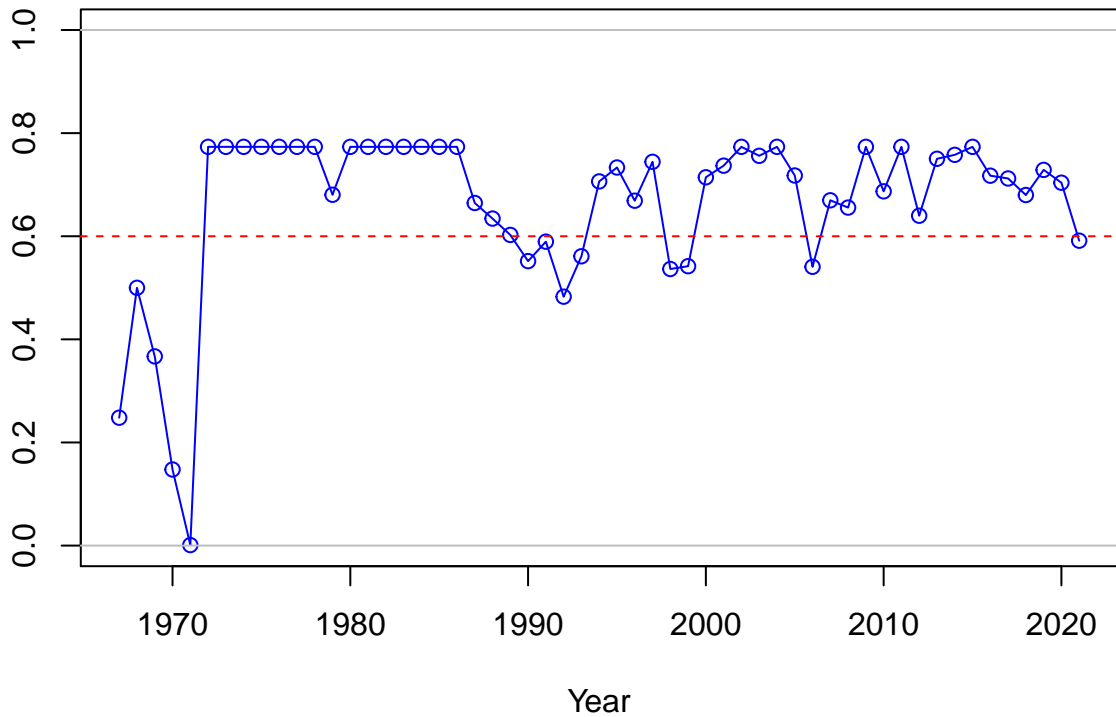




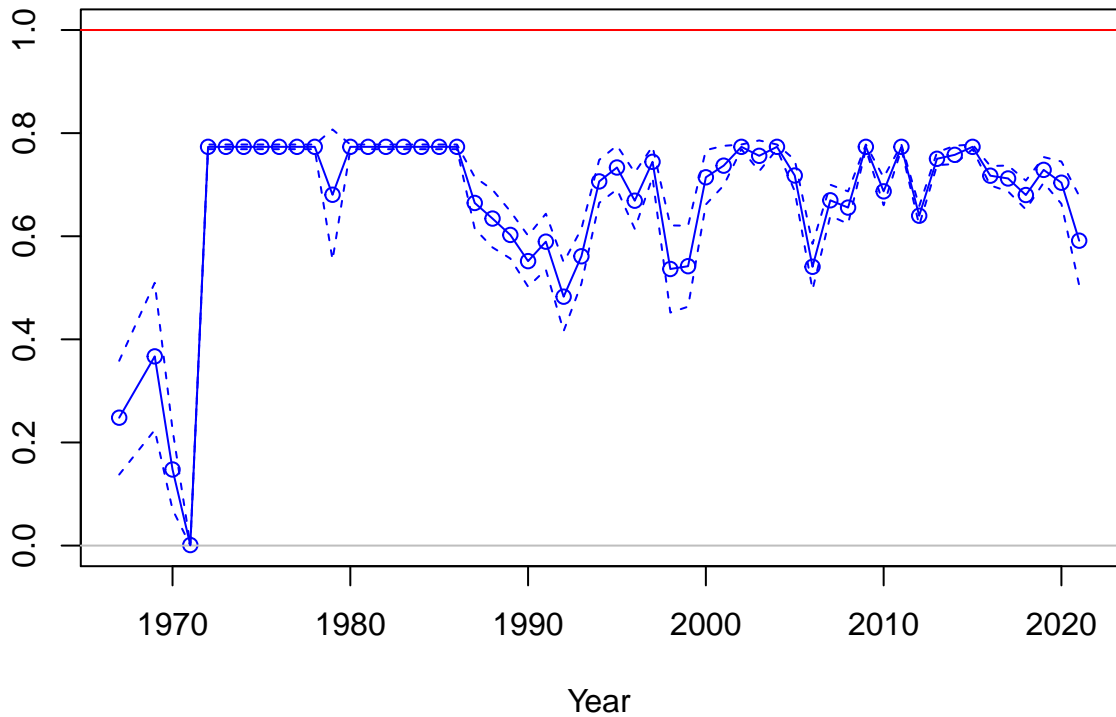
SPR



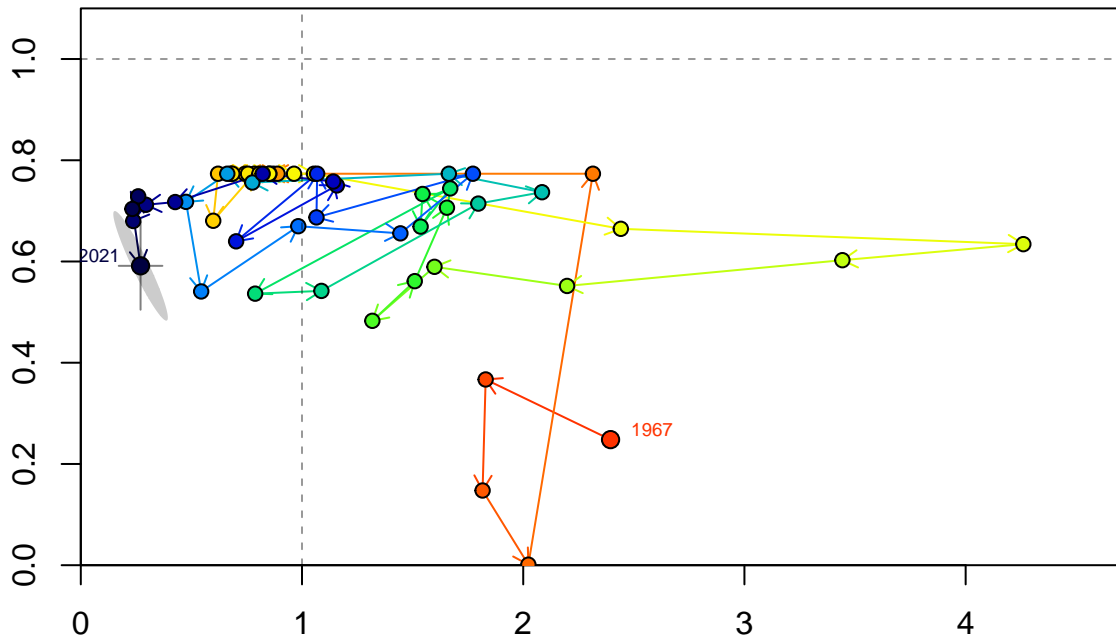
1-SPR



Fishing intensity: 1-SPR



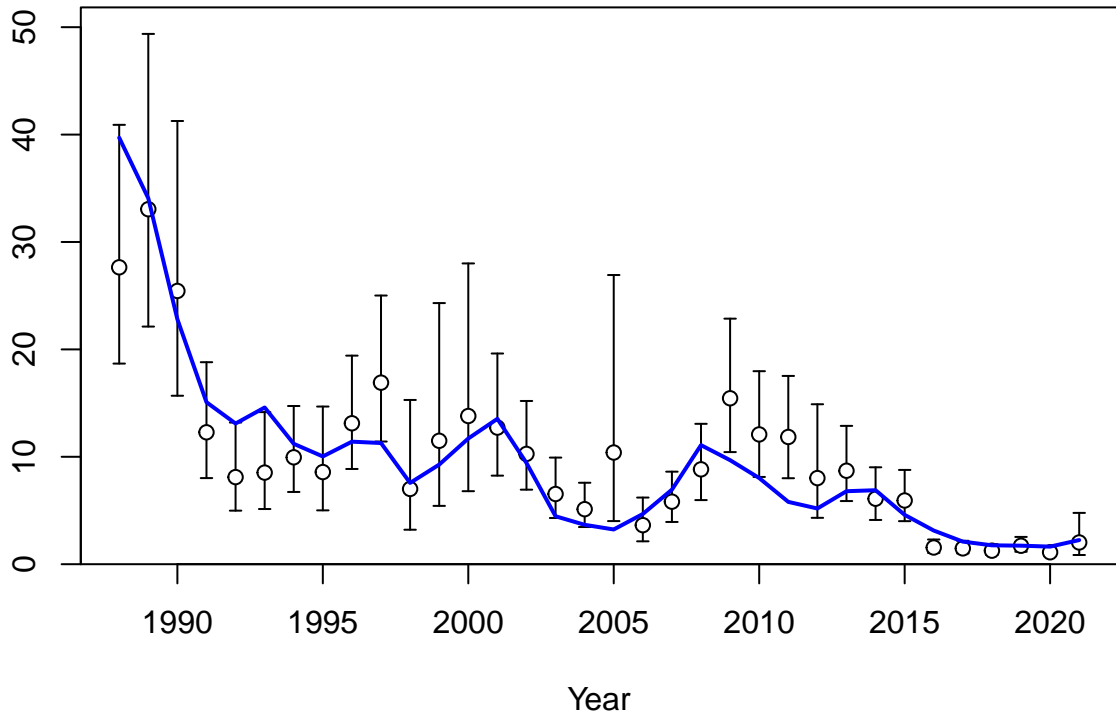
Fishing intensity: 1-SPR

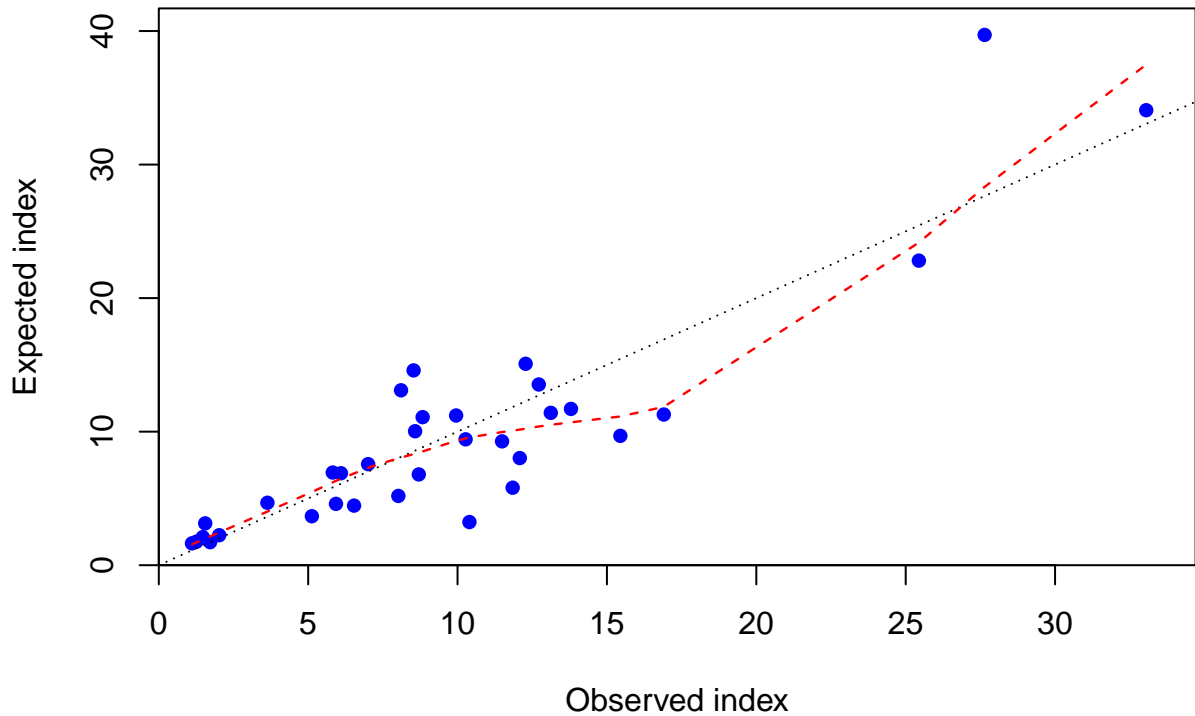


Index



Index

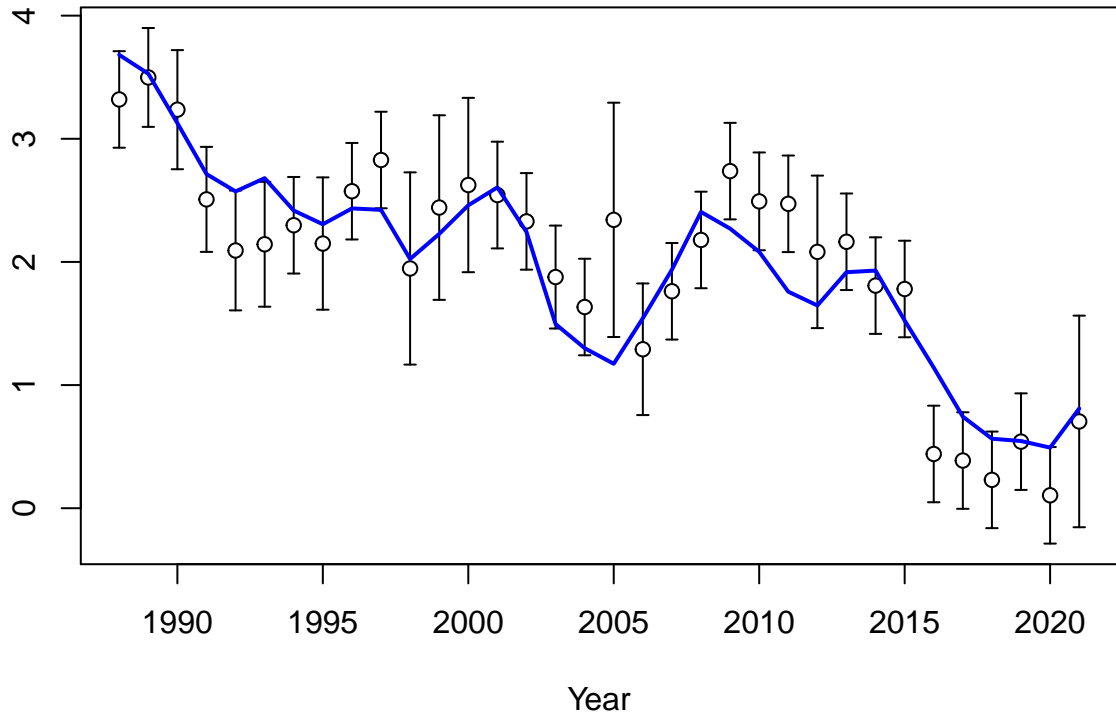


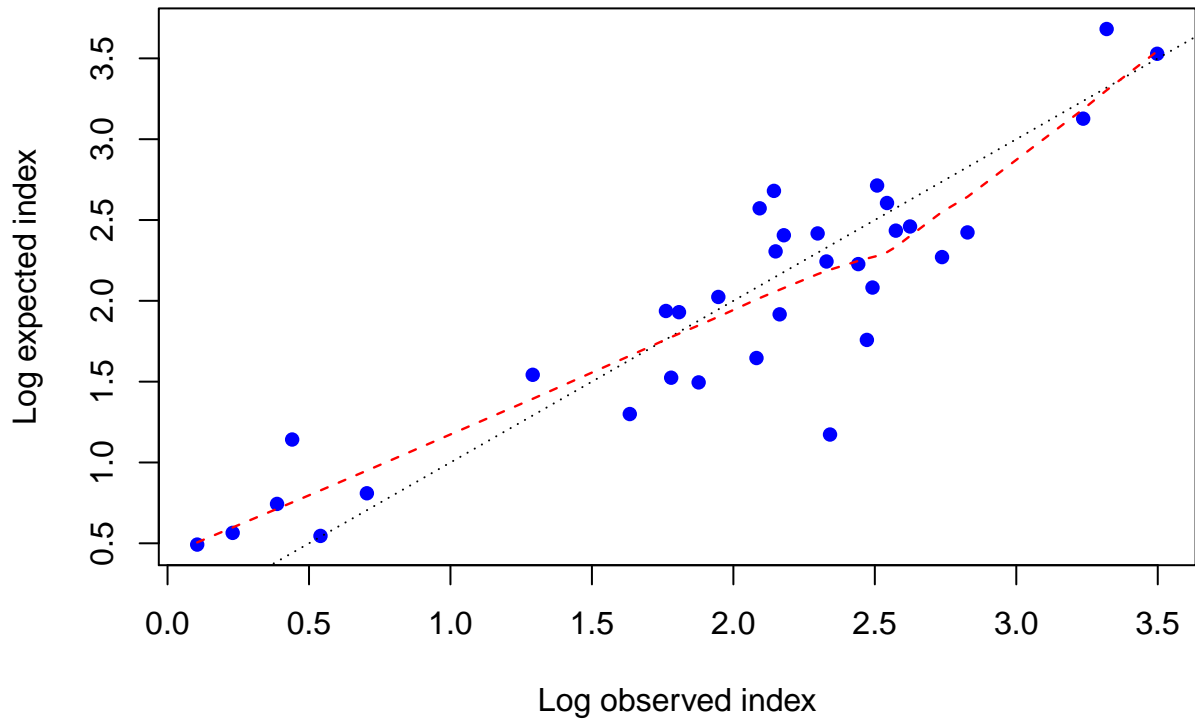


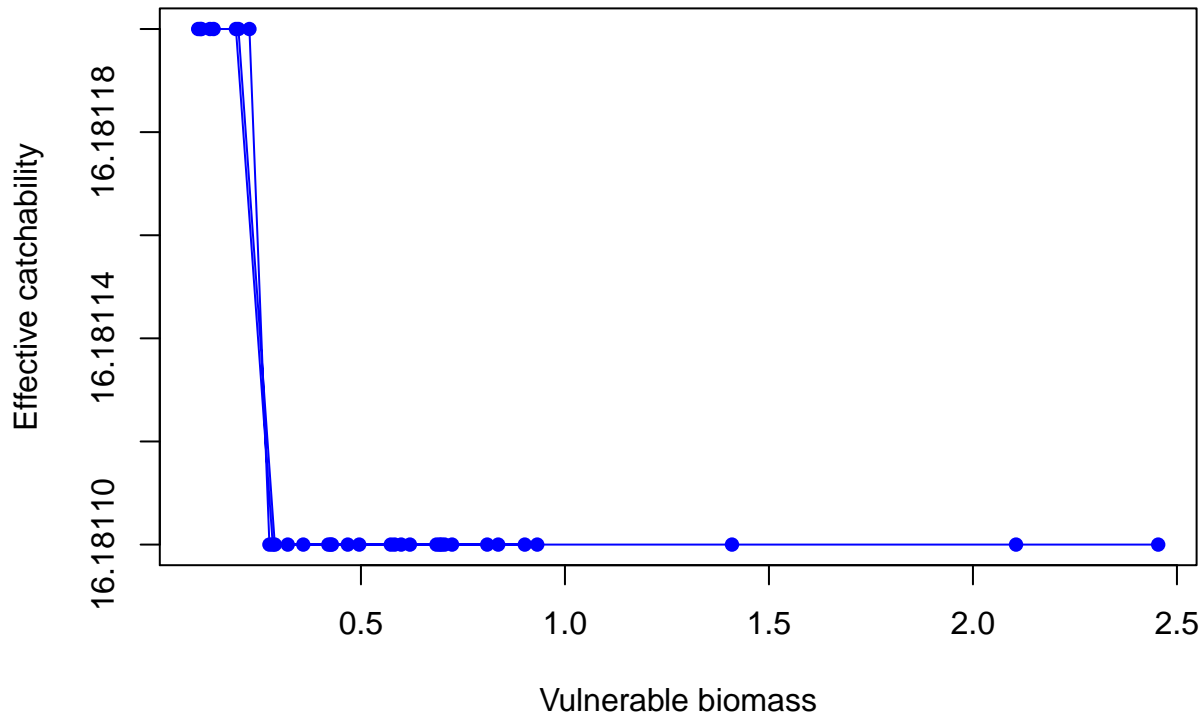
Log index

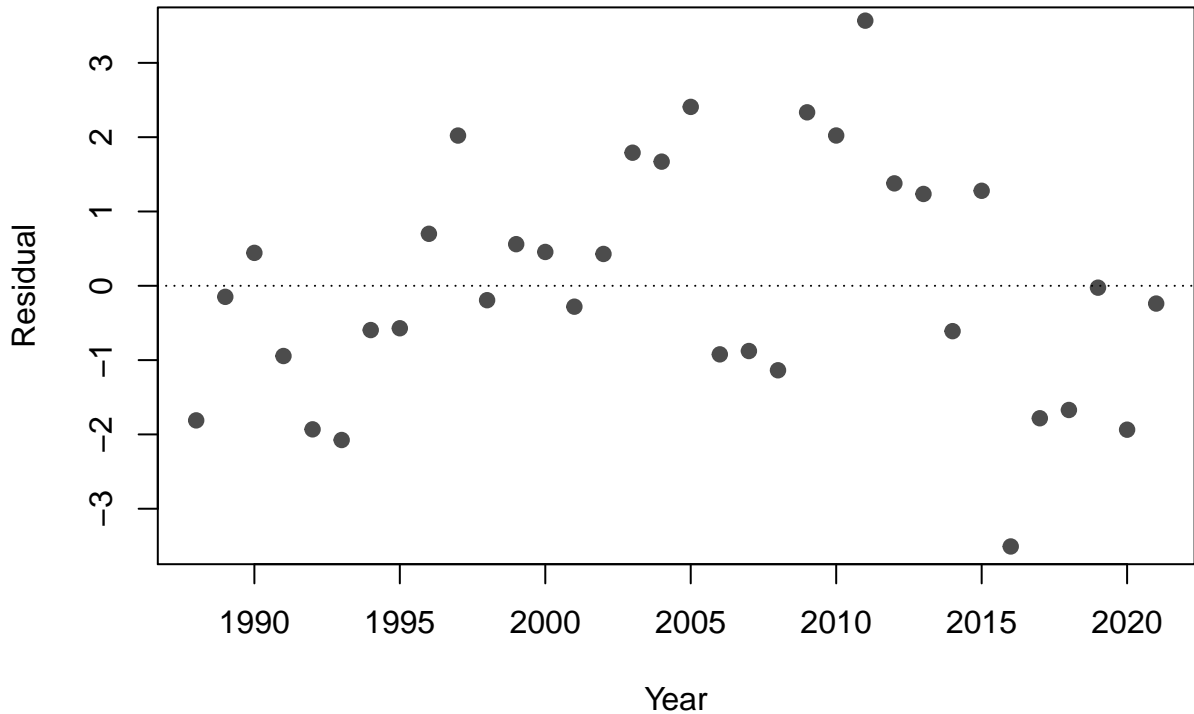


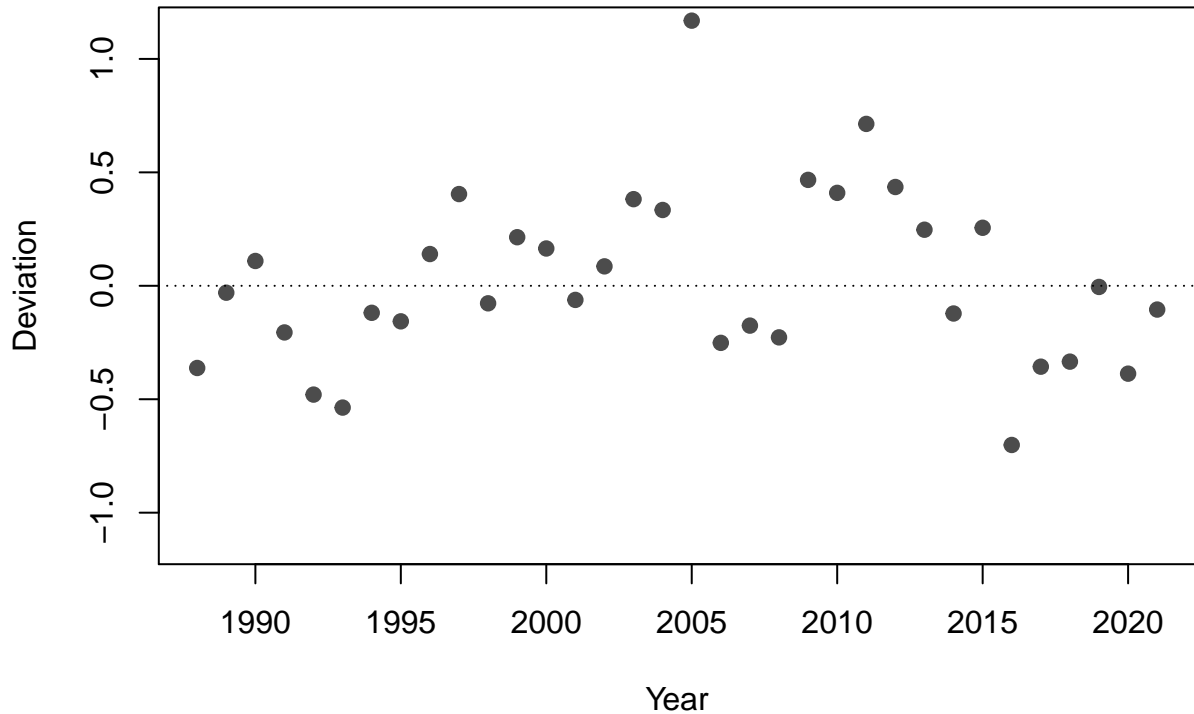
Log index



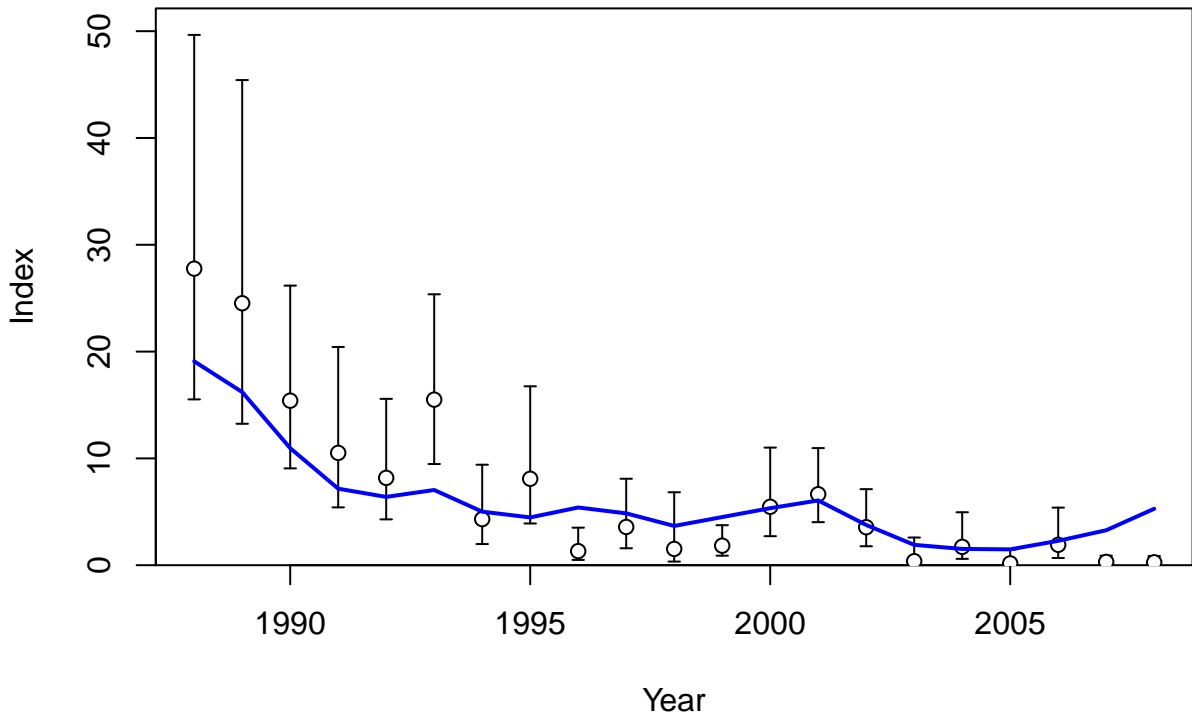




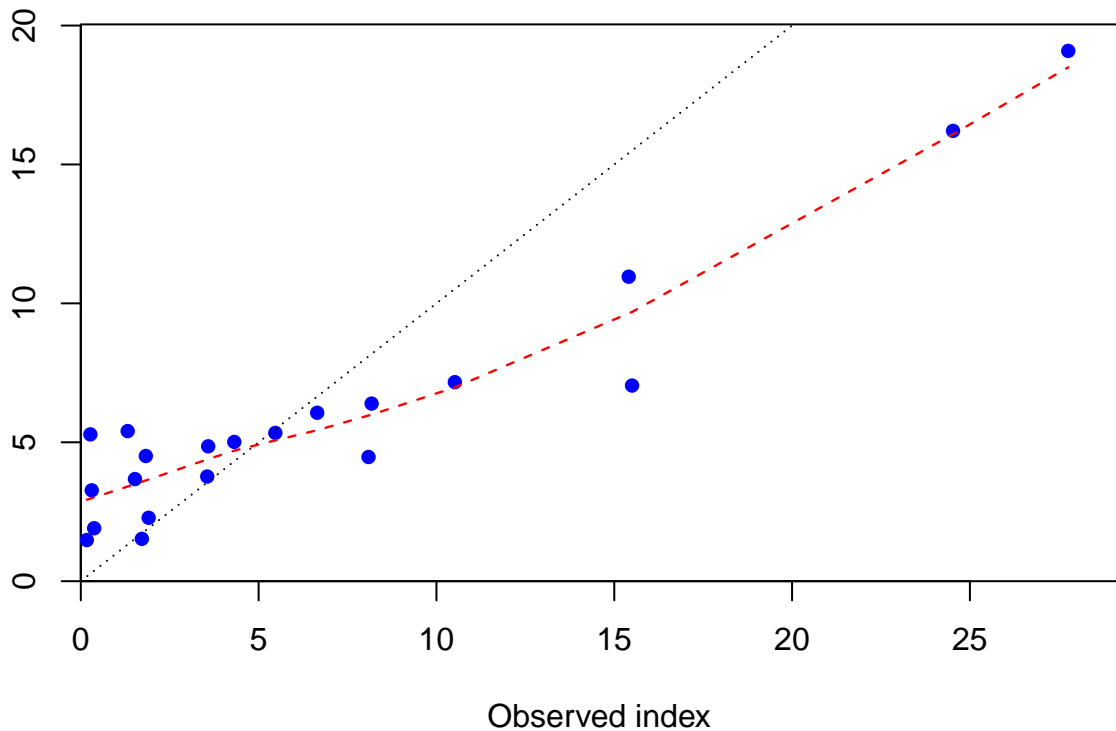


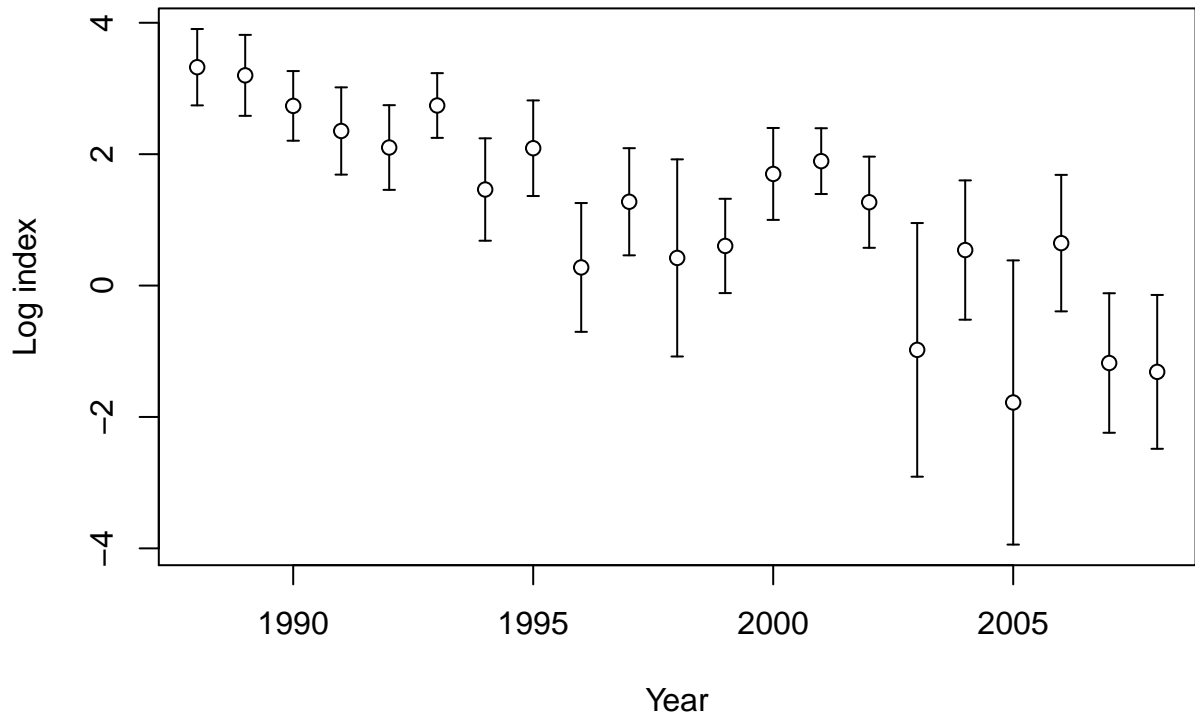


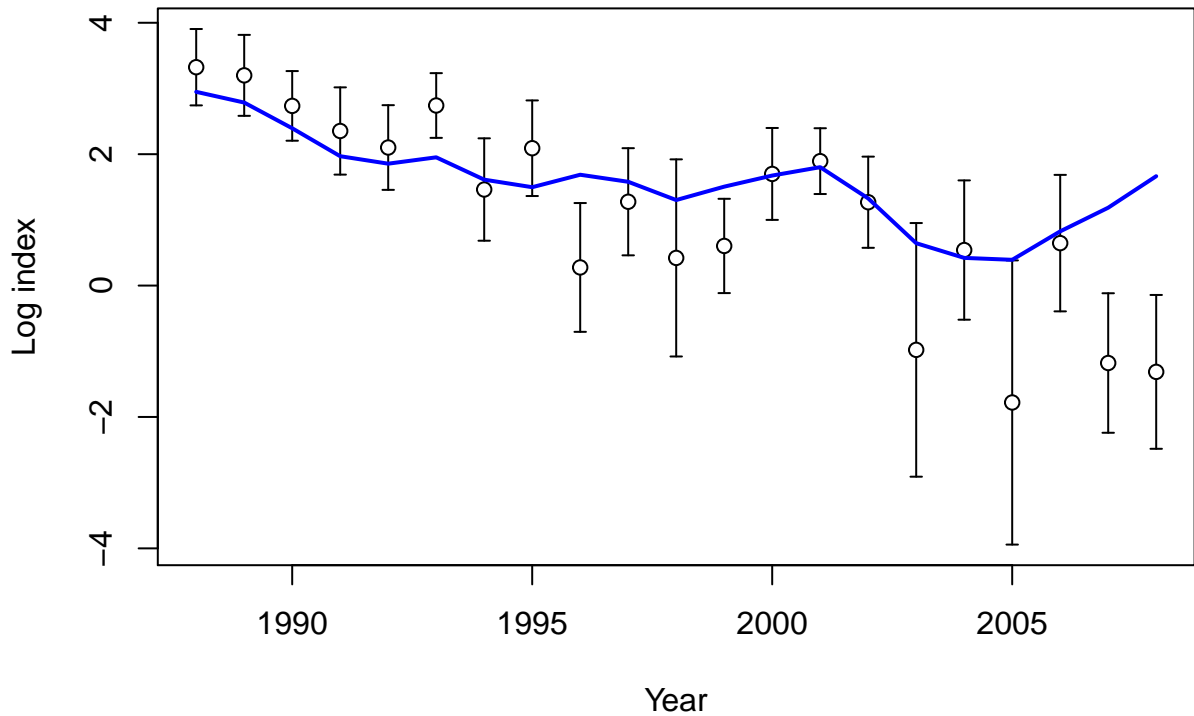




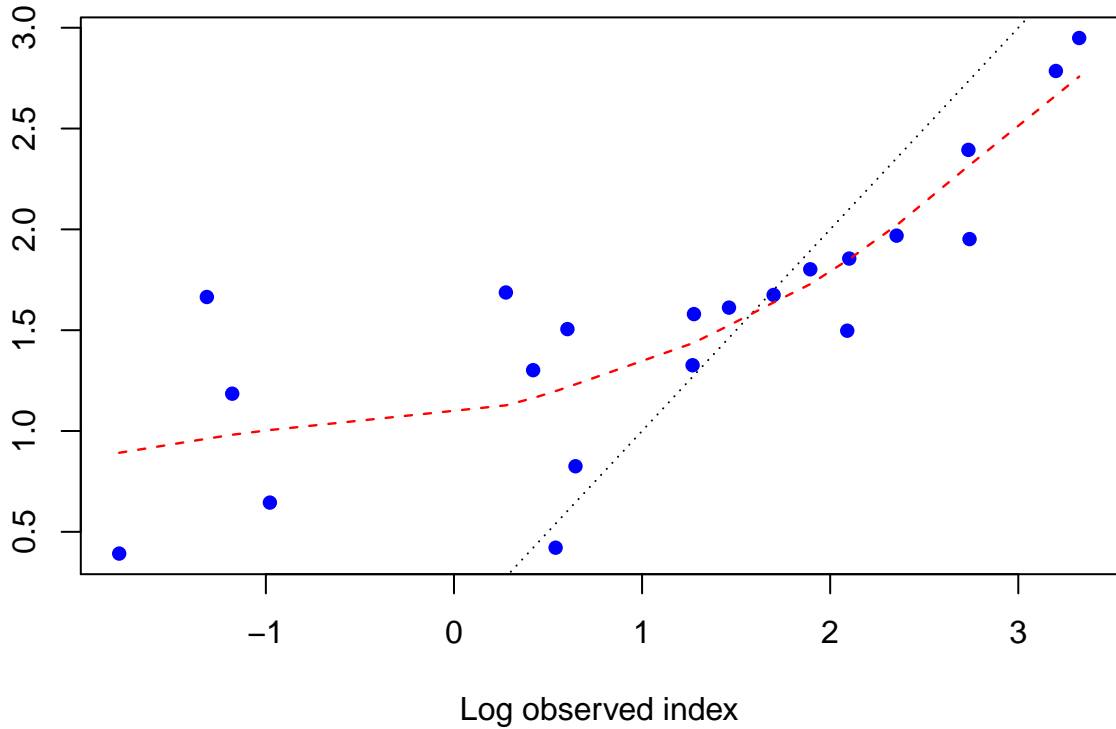
Expected index

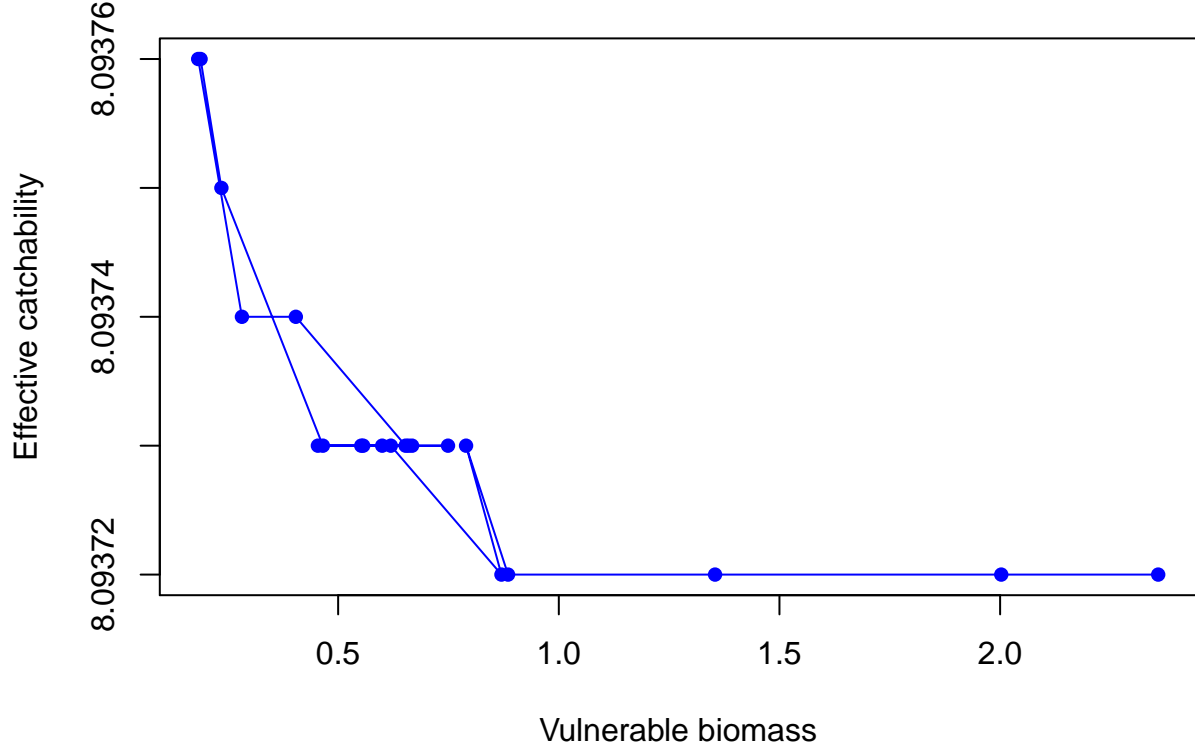


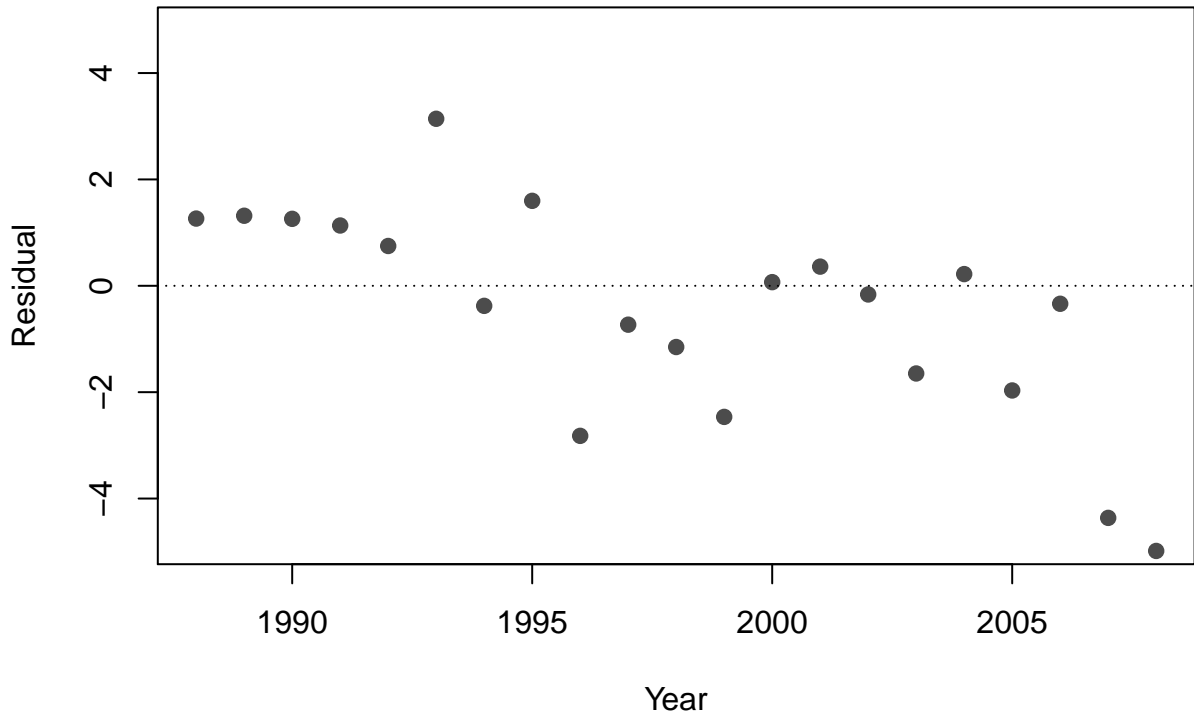




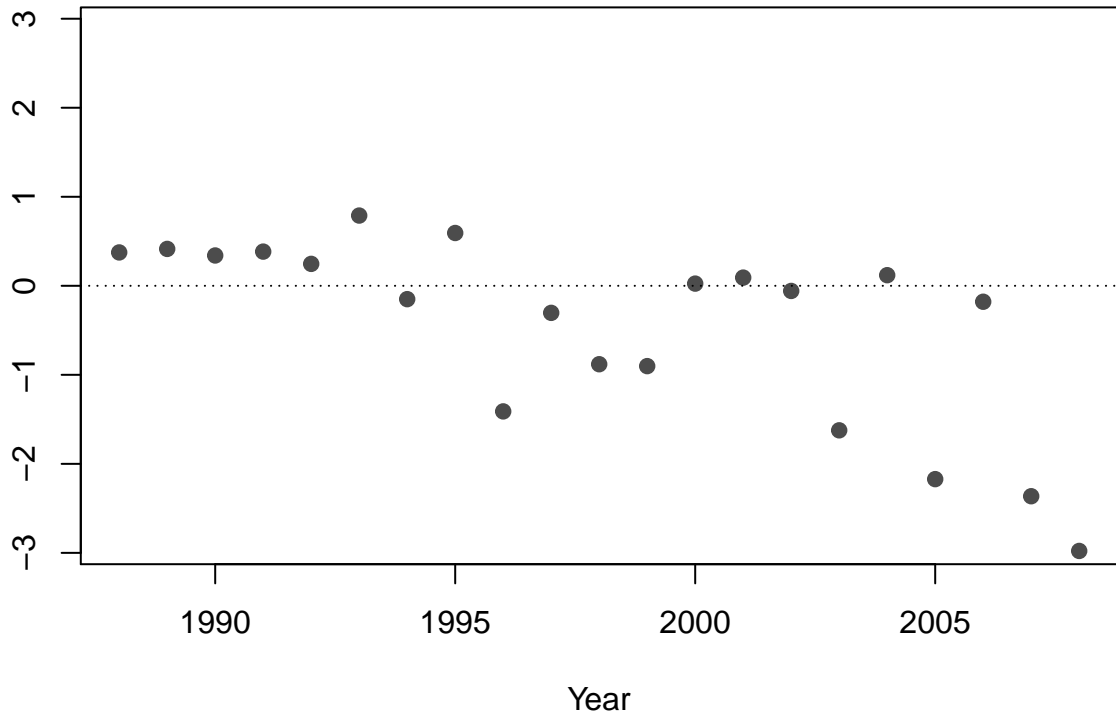
Log expected index





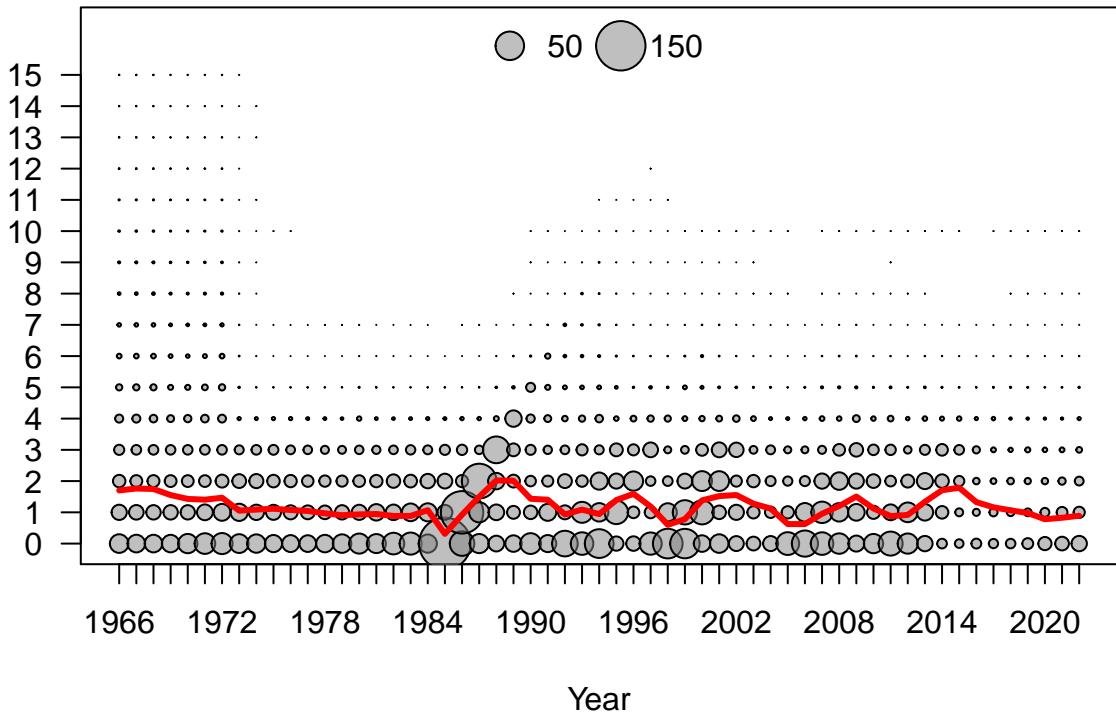


Deviation

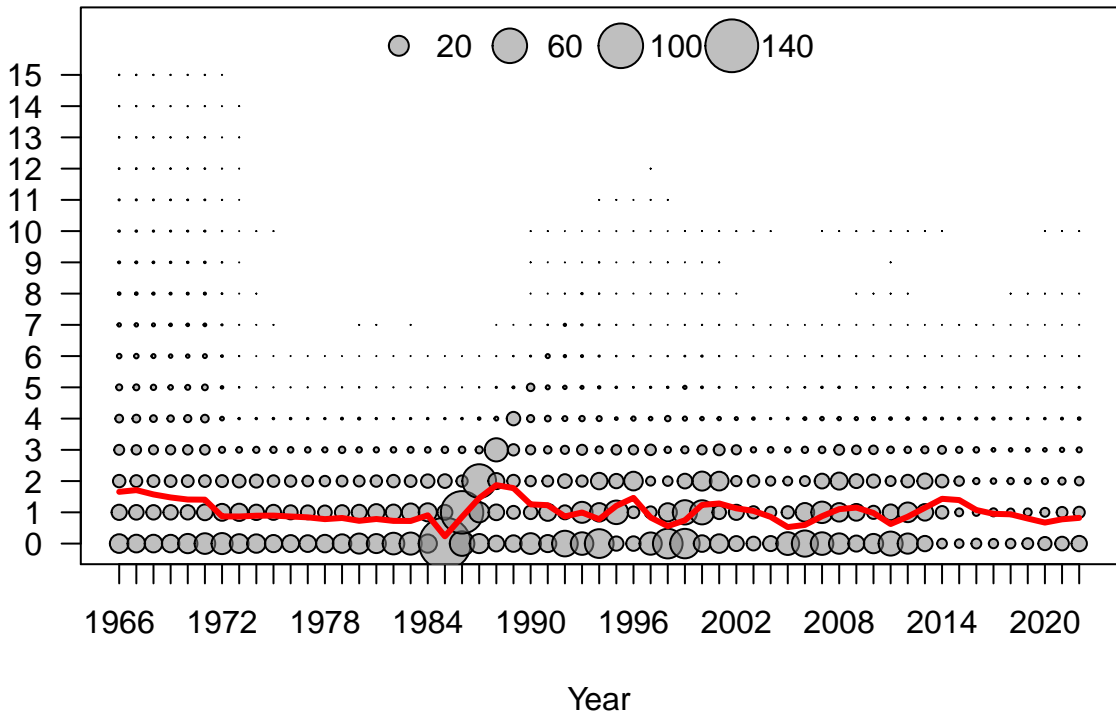


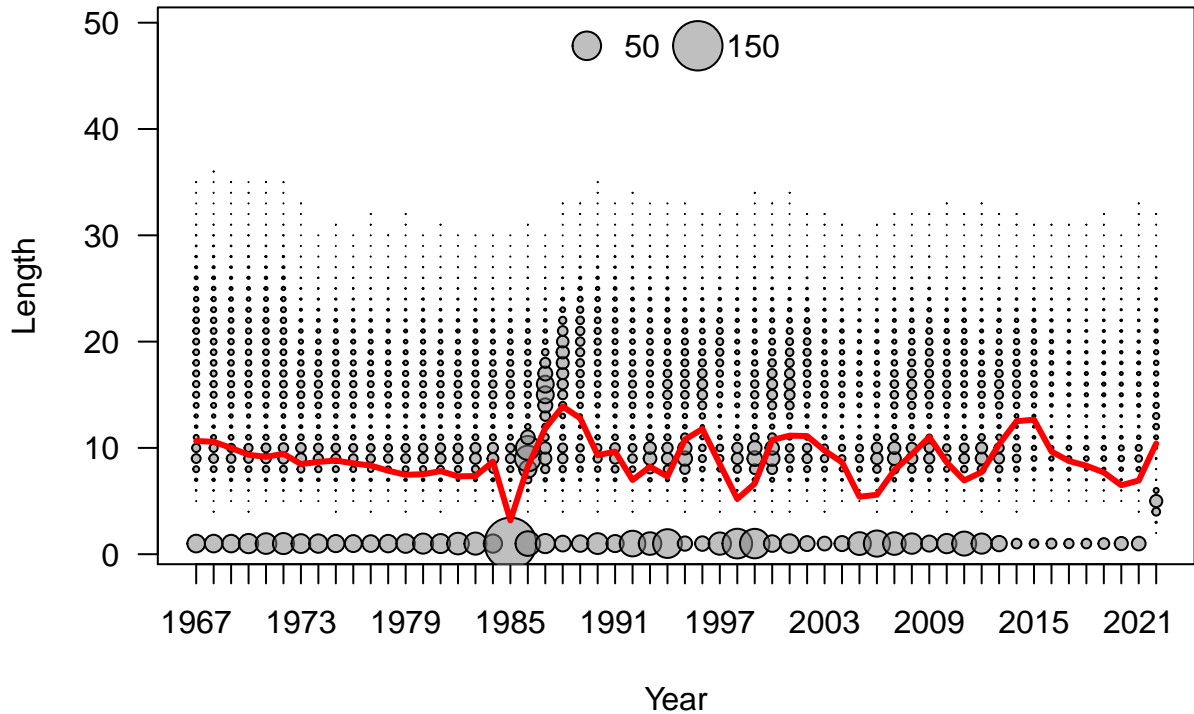


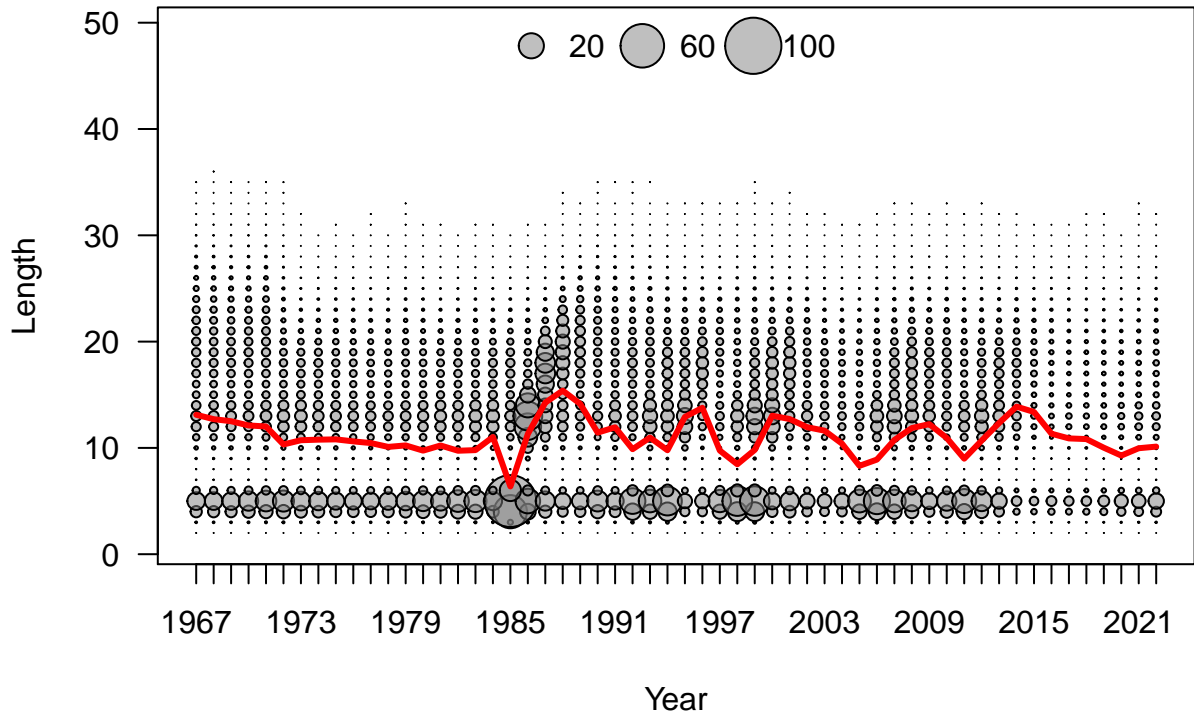
Age

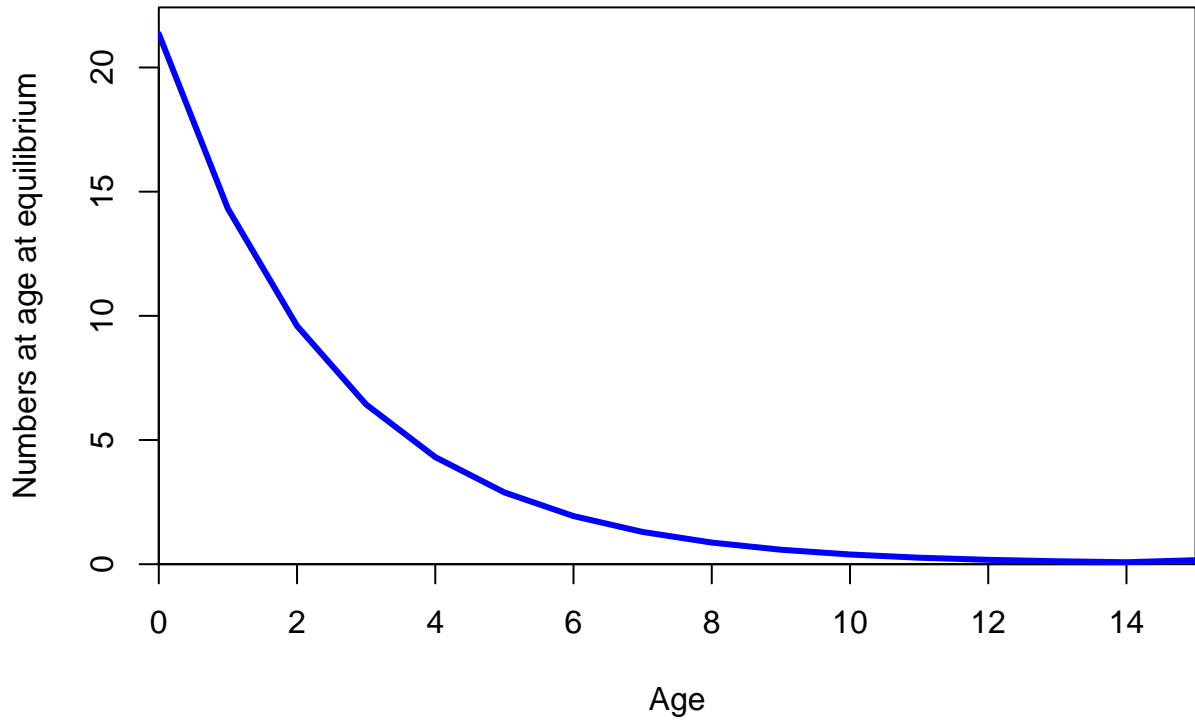


Age



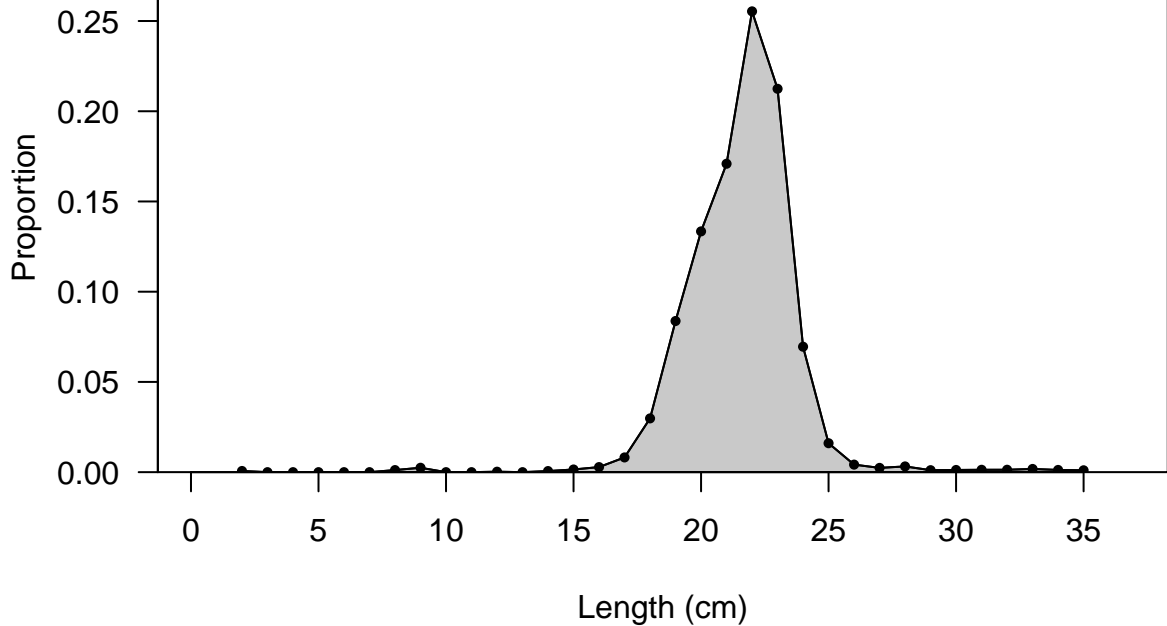


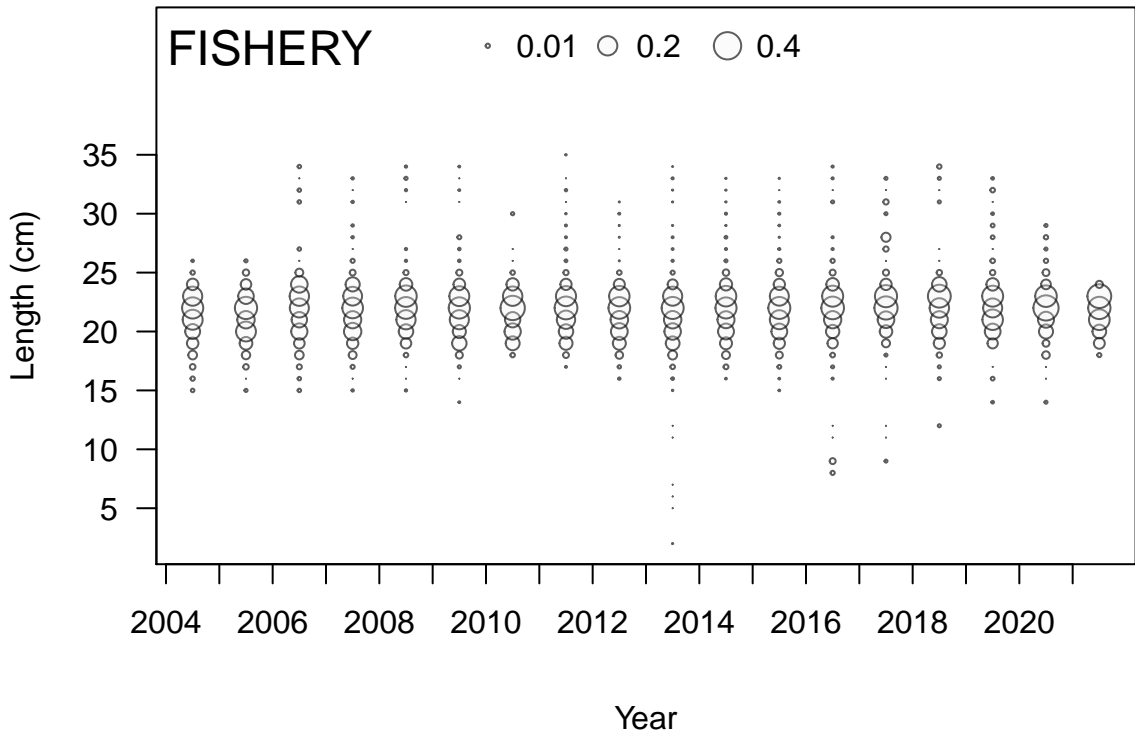


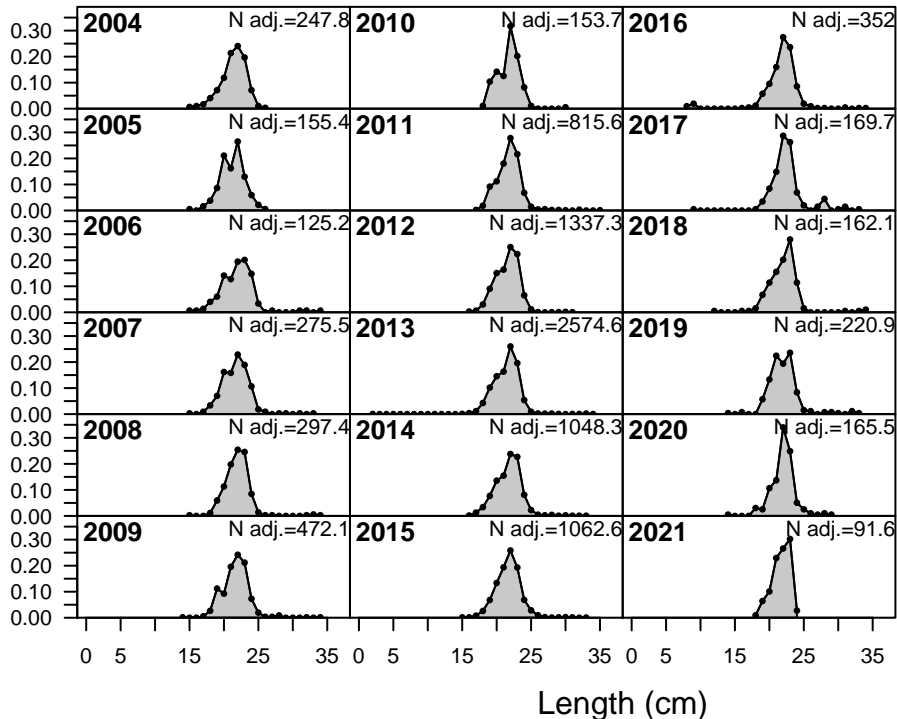


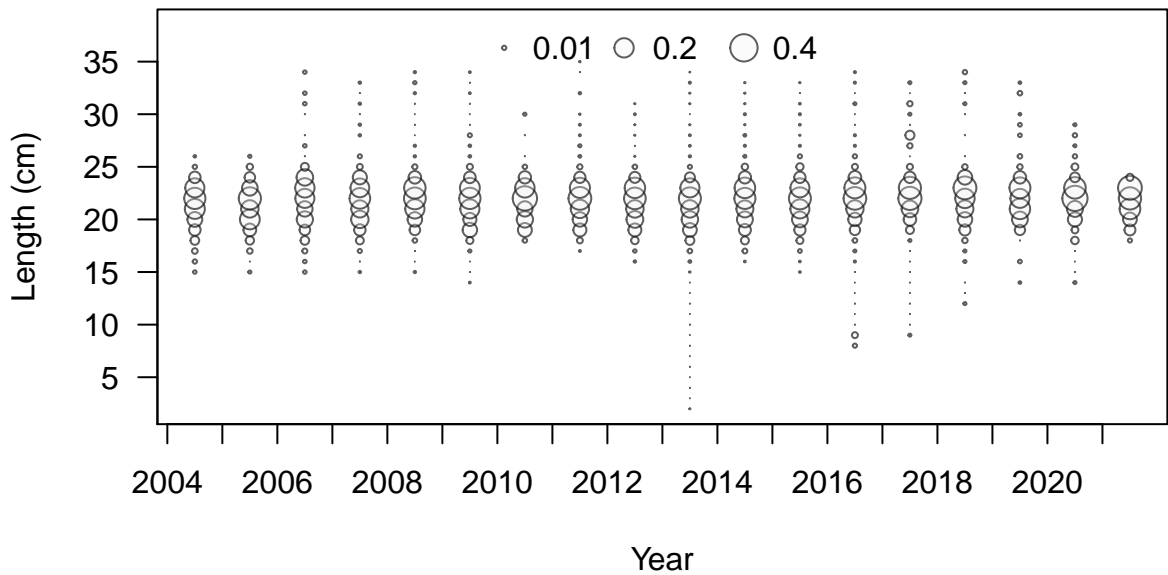
FISHERY

Sum of N adj.=9727.2

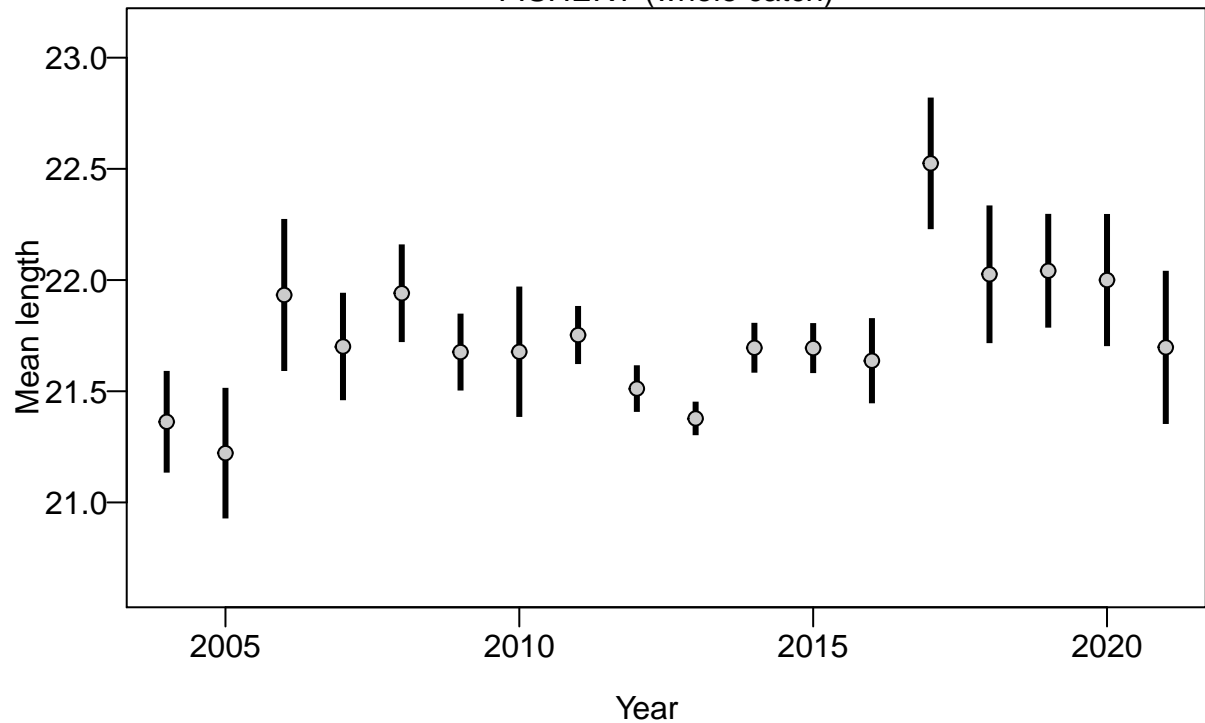


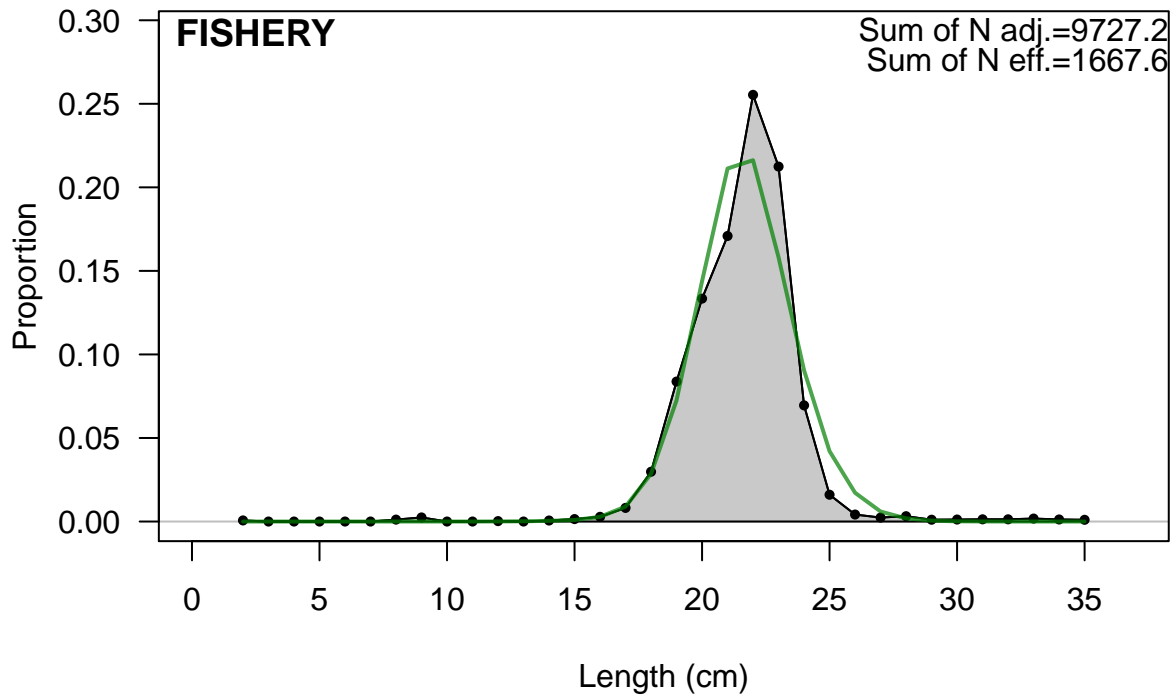


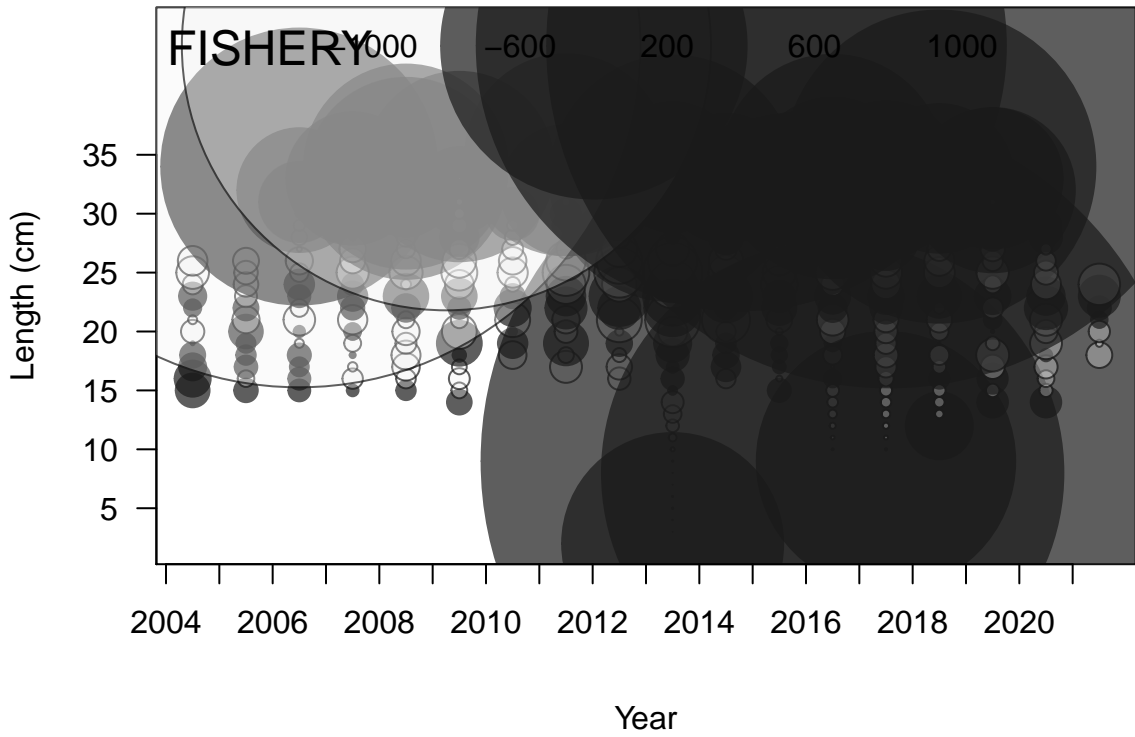




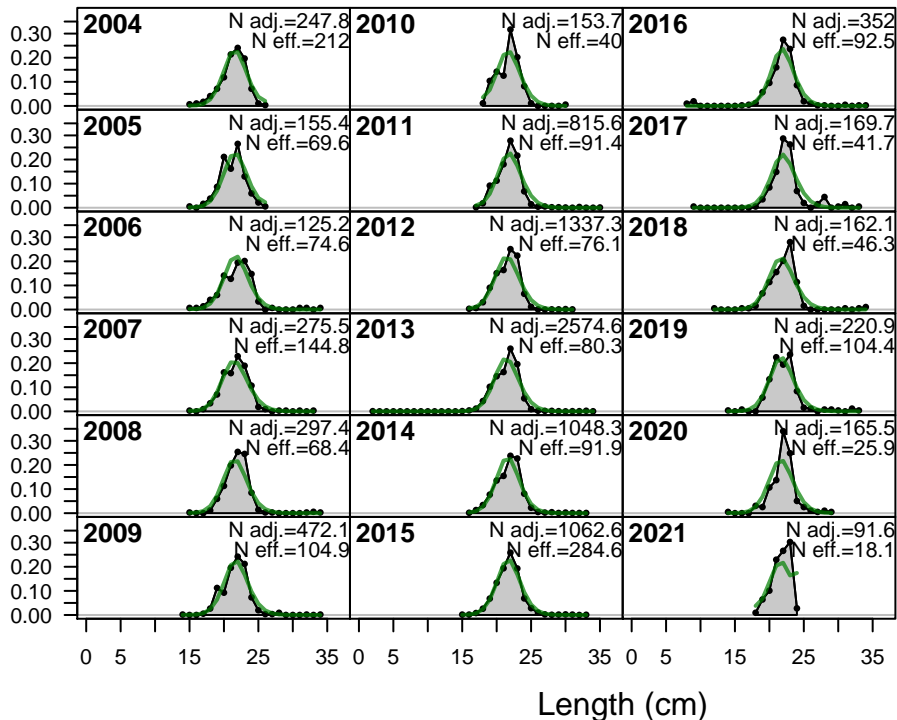
FISHERY (whole catch)

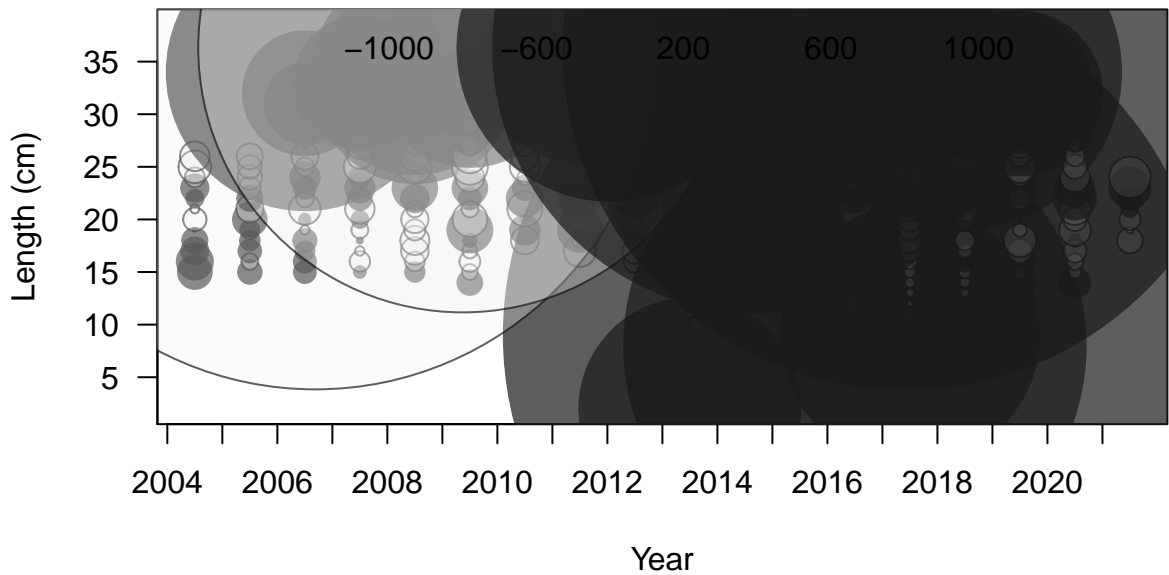




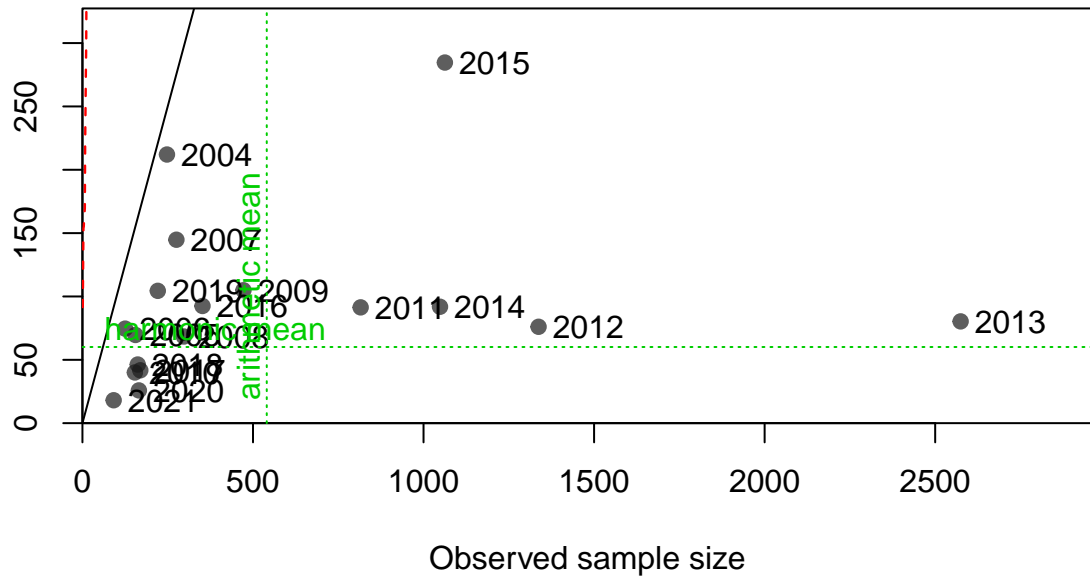


Proportion

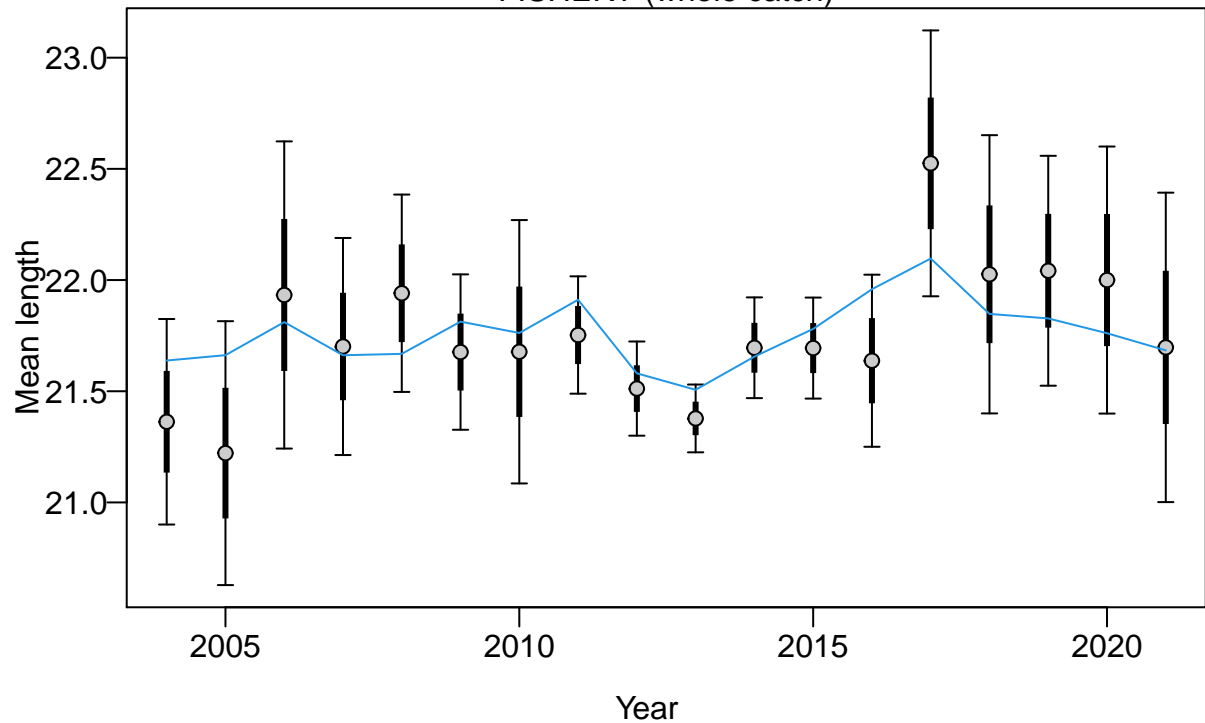


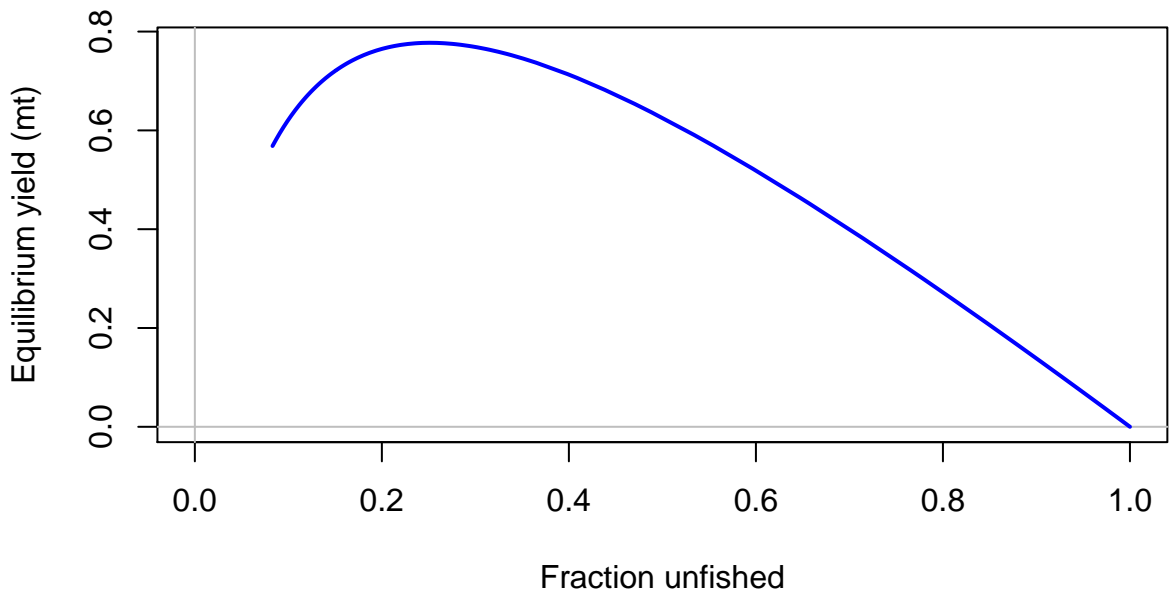


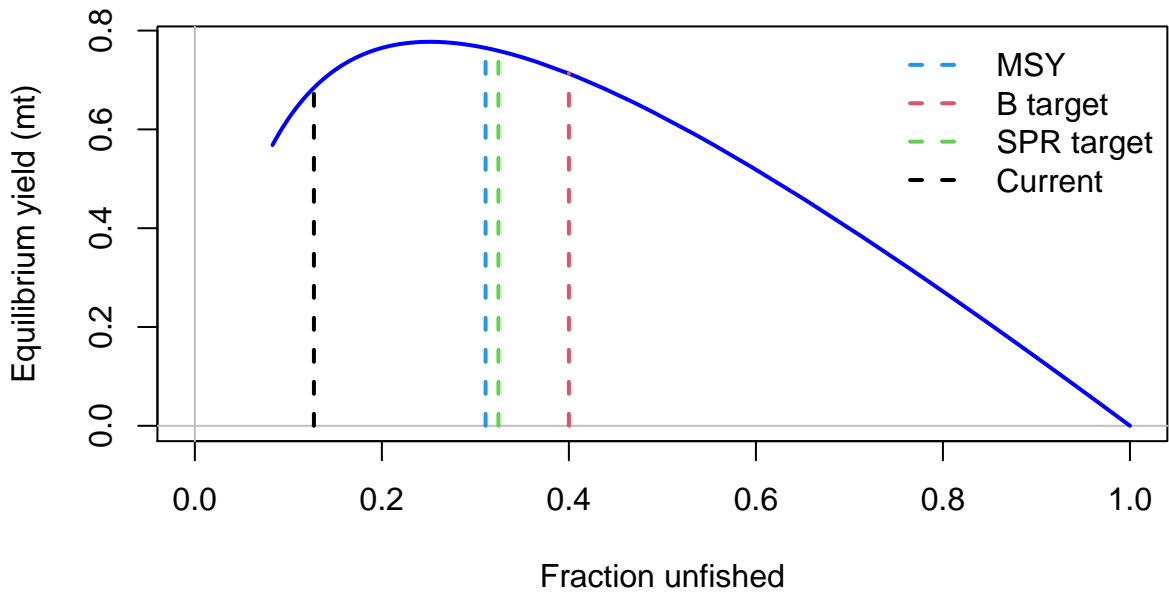
Effective sample size



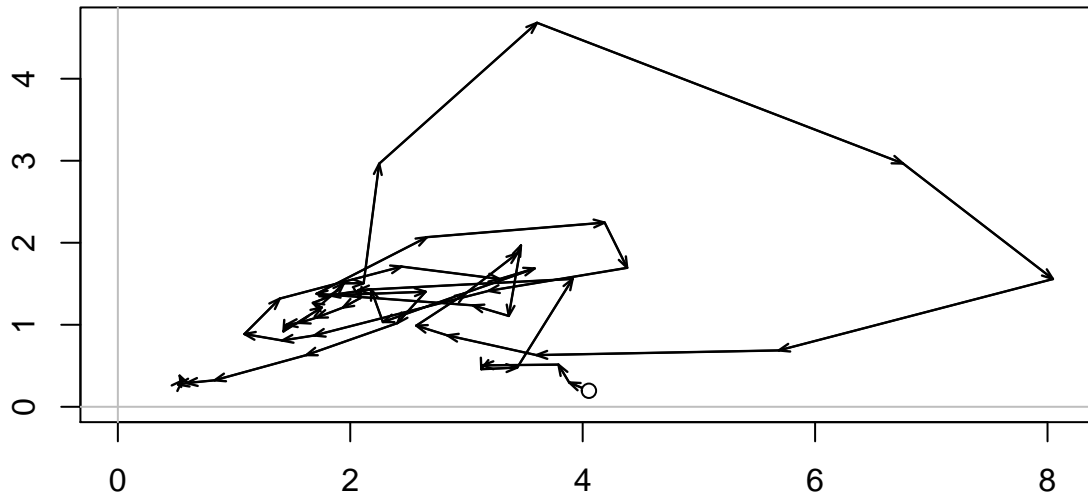
FISHERY (whole catch)



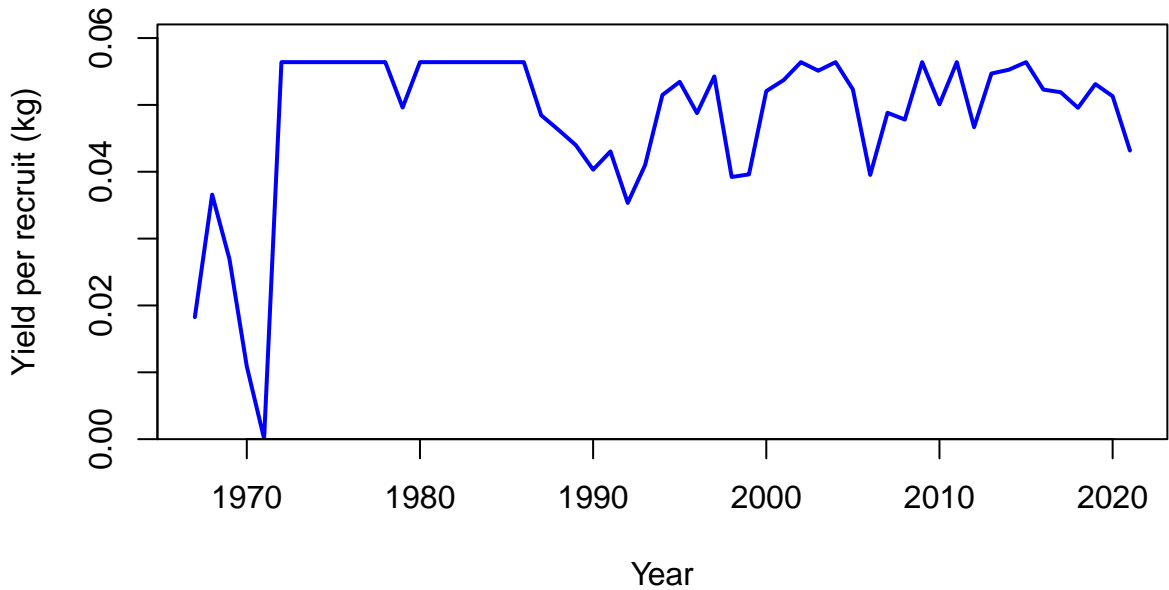




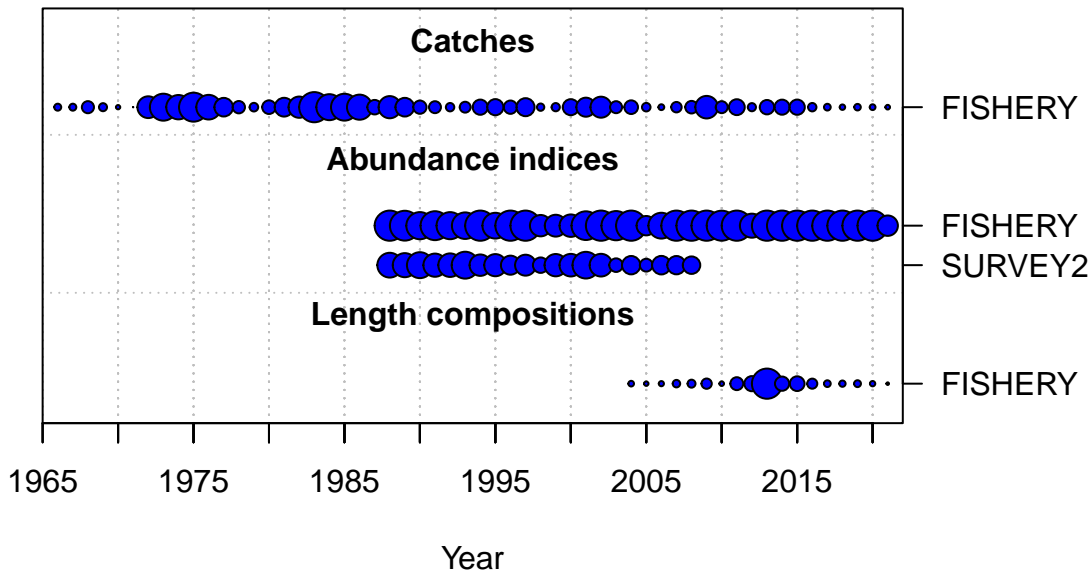
Surplus production (mt)



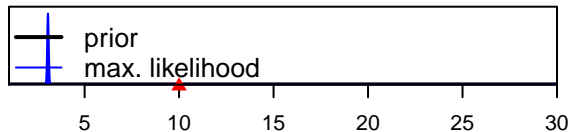
Total biomass (mt)



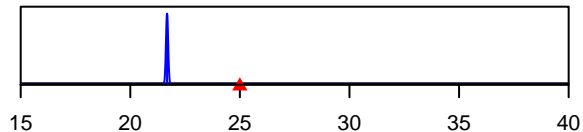




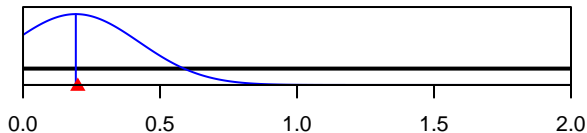
SR_LN(R0)



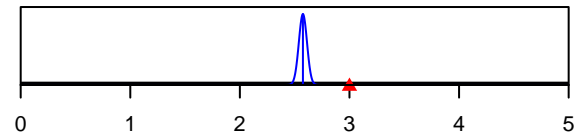
Size_inflection_FISHERY(1)



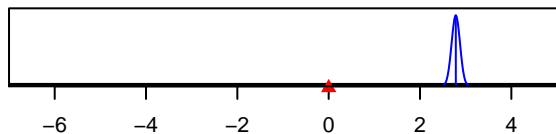
InitF_seas_1_flt_1FISHERY



Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)

