

Plots created using the 'r4ss' package in R

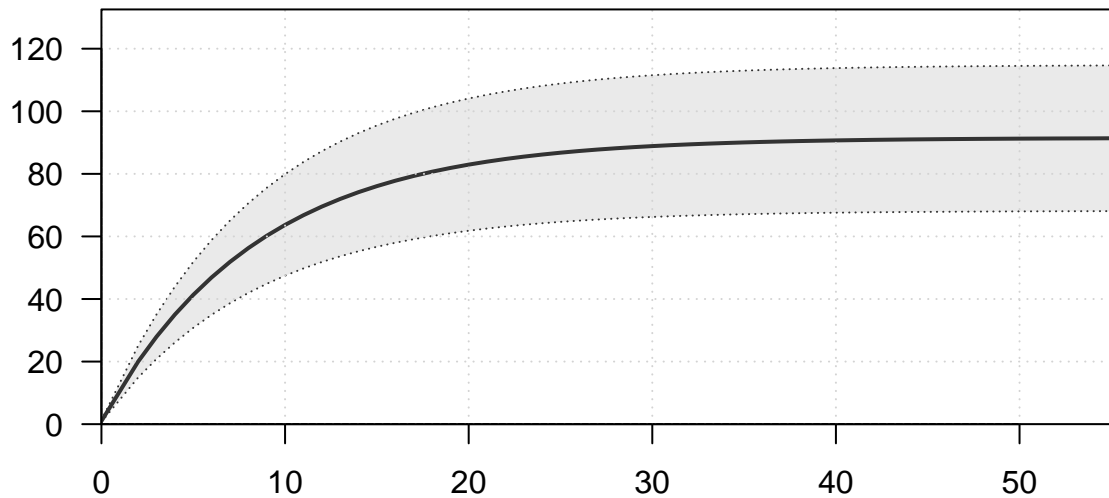
Stock Synthesis version: 3.30.19.0

StartTime: Wed Jul 06 14:44:02 2022

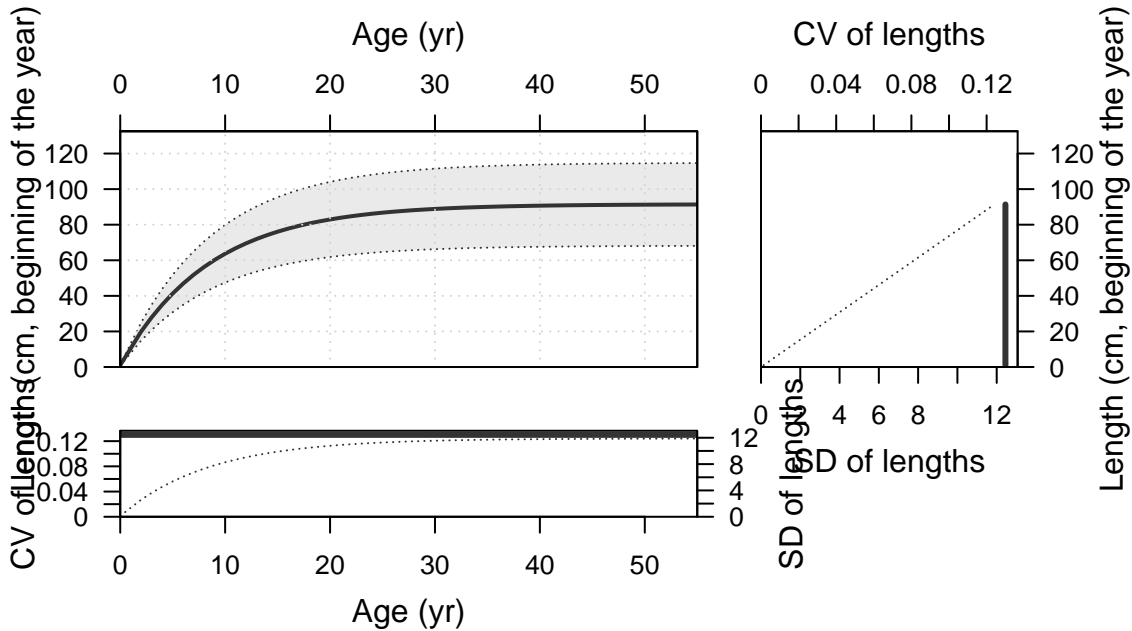
Data\_File: data.ss

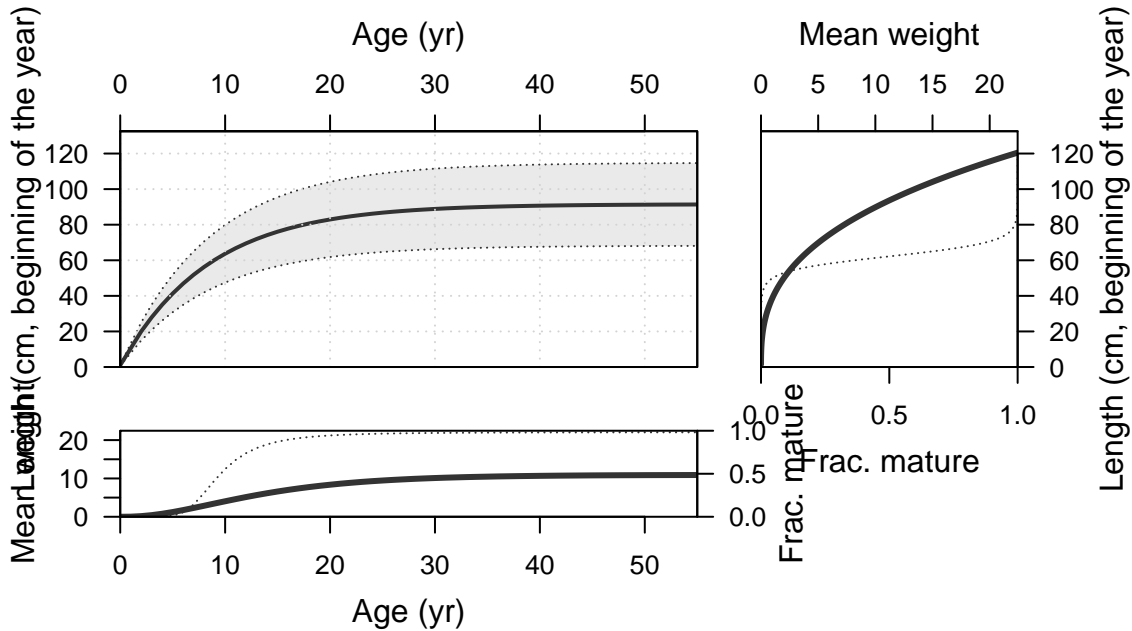
Control\_File: control.ss

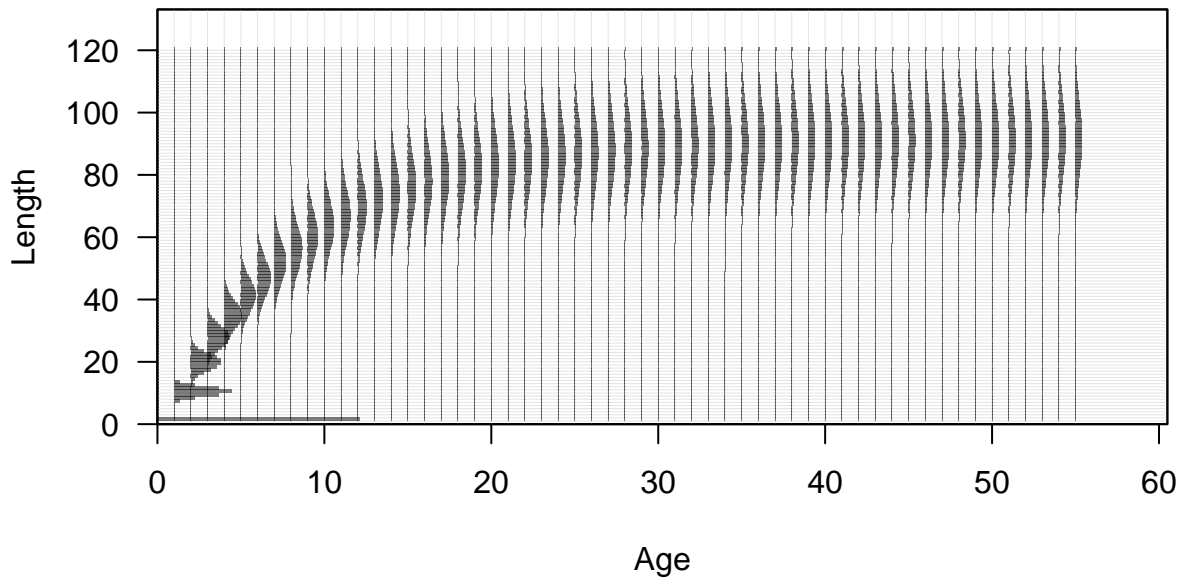
Length (cm, beginning of the year)

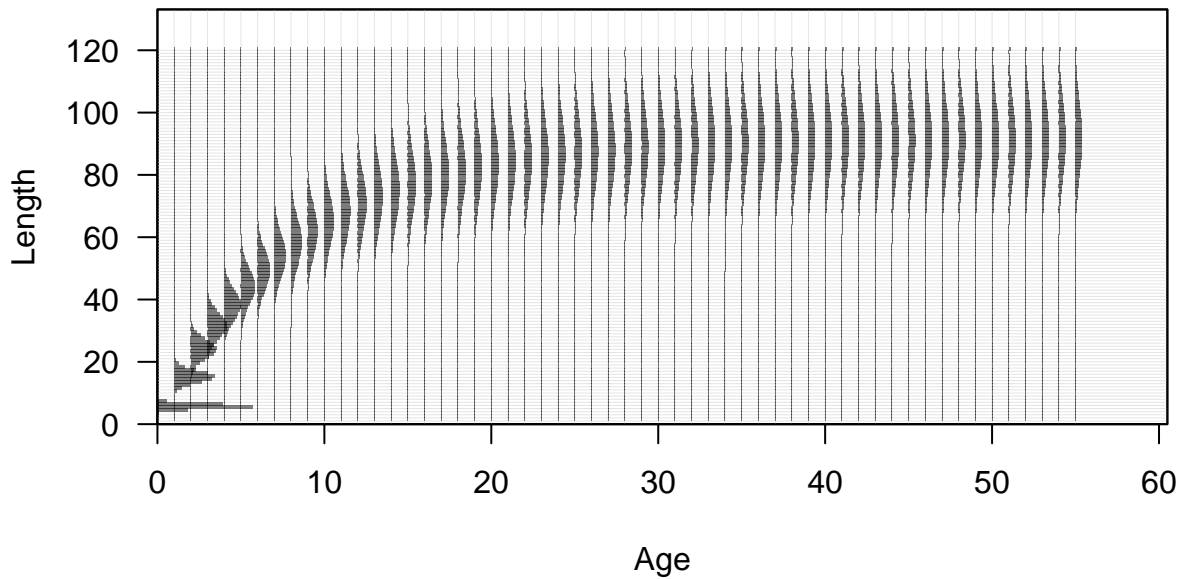


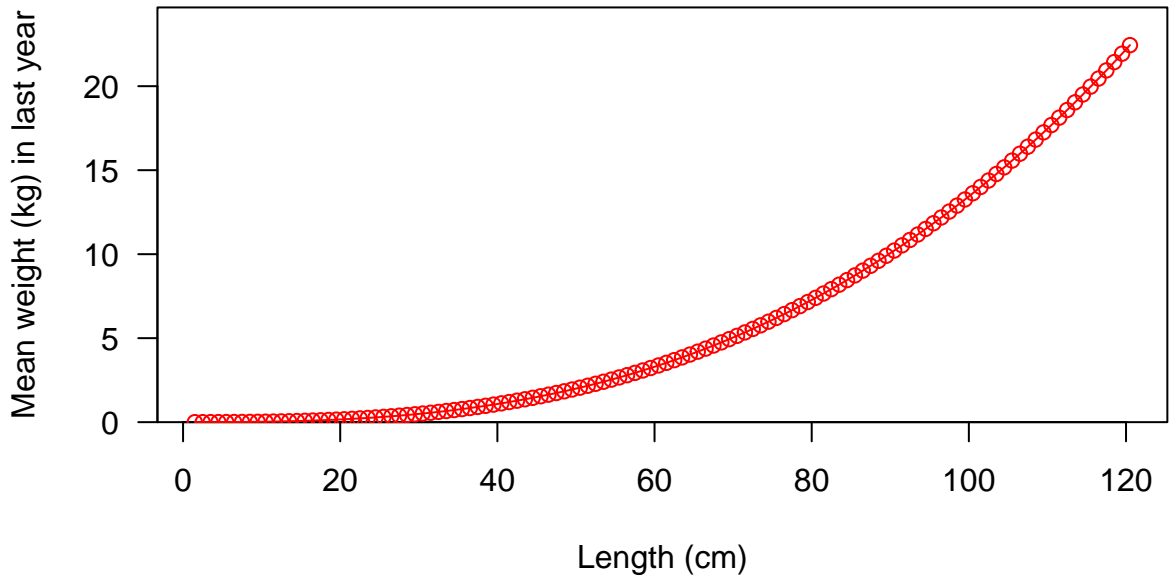
Age (yr)

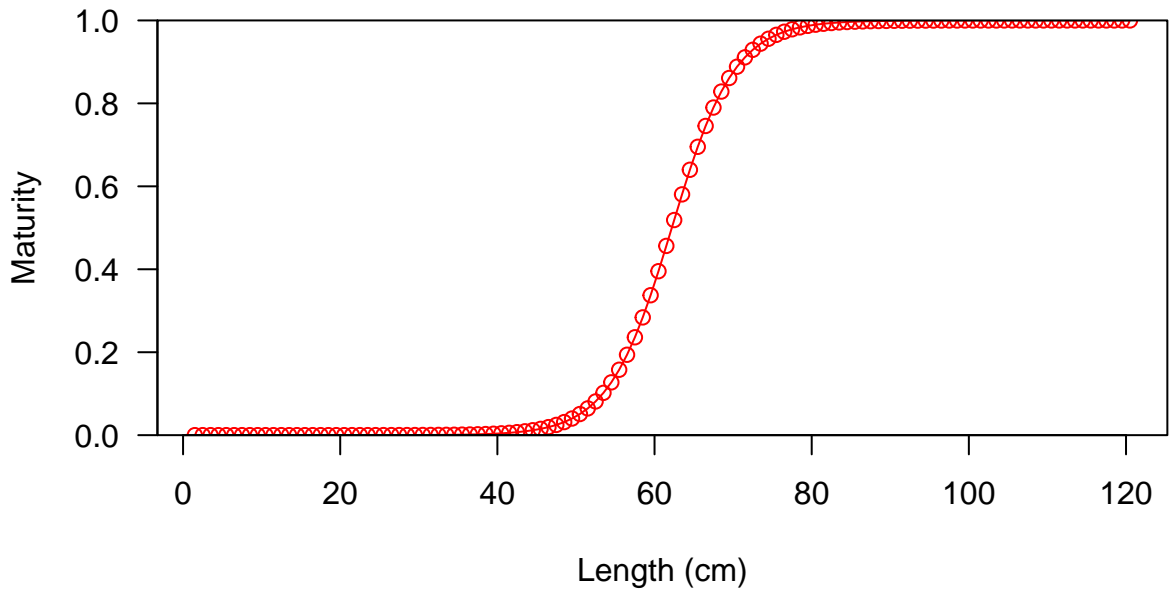
















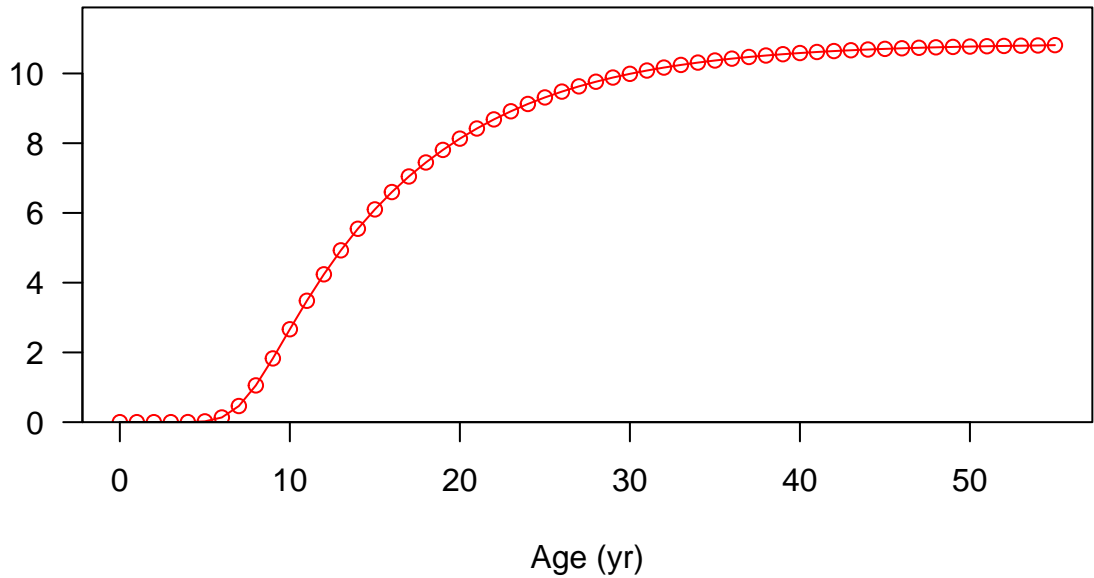


Fecundity

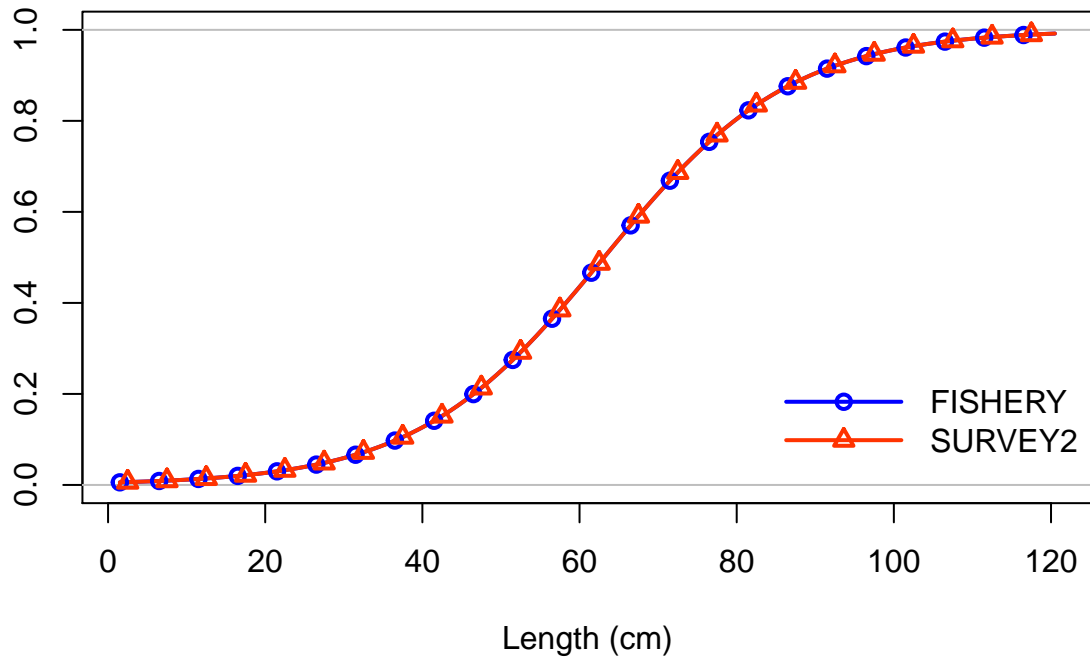




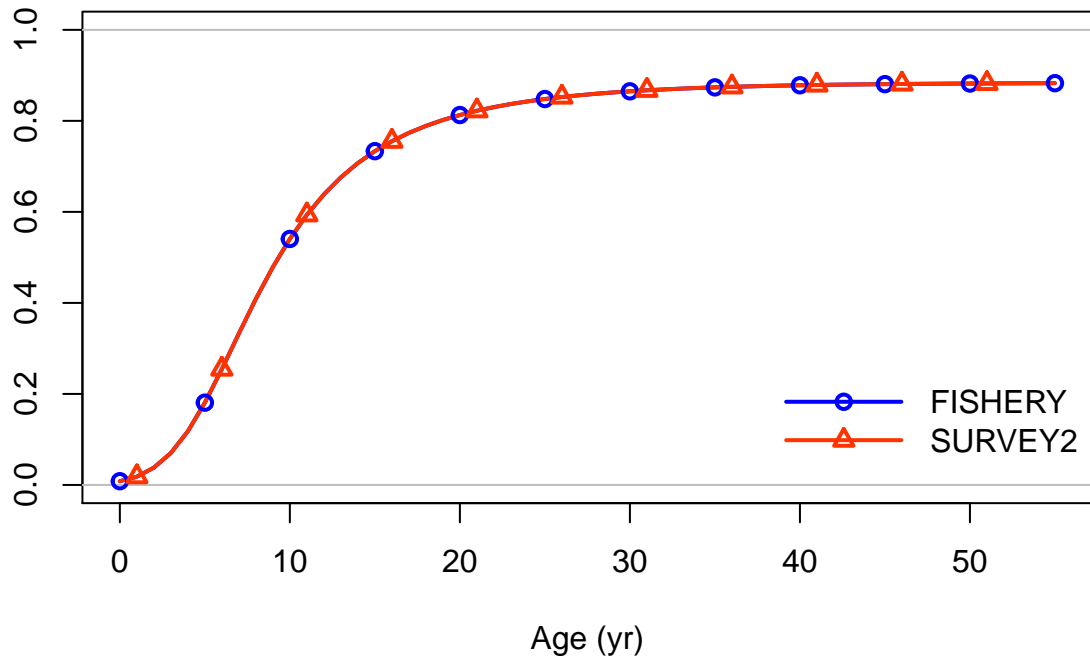
Spawning output



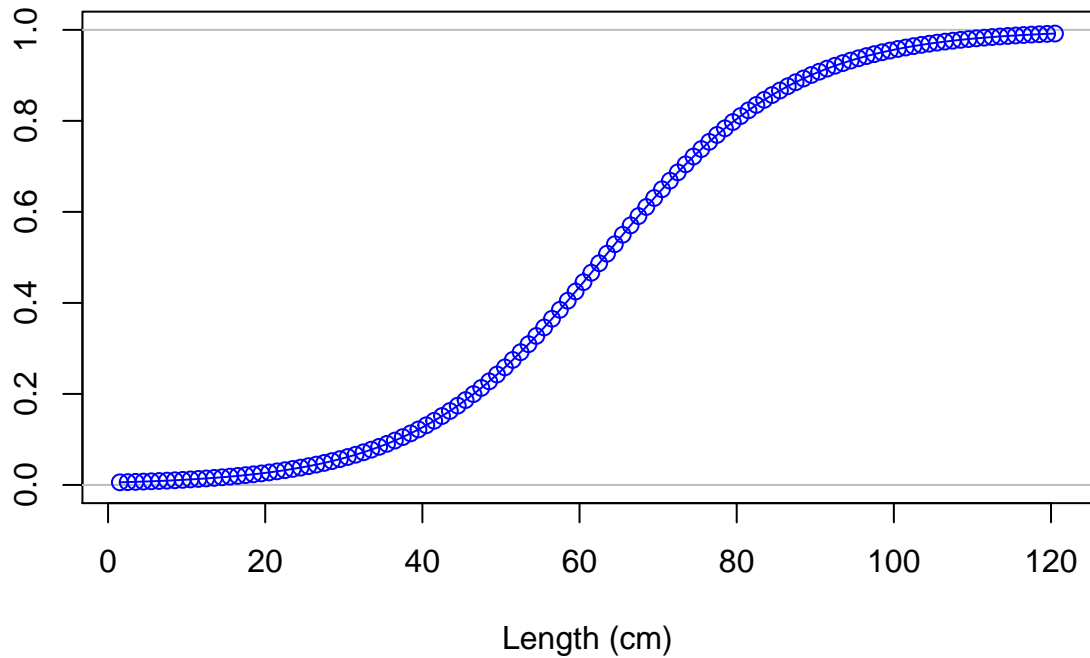
Selectivity



Selectivity

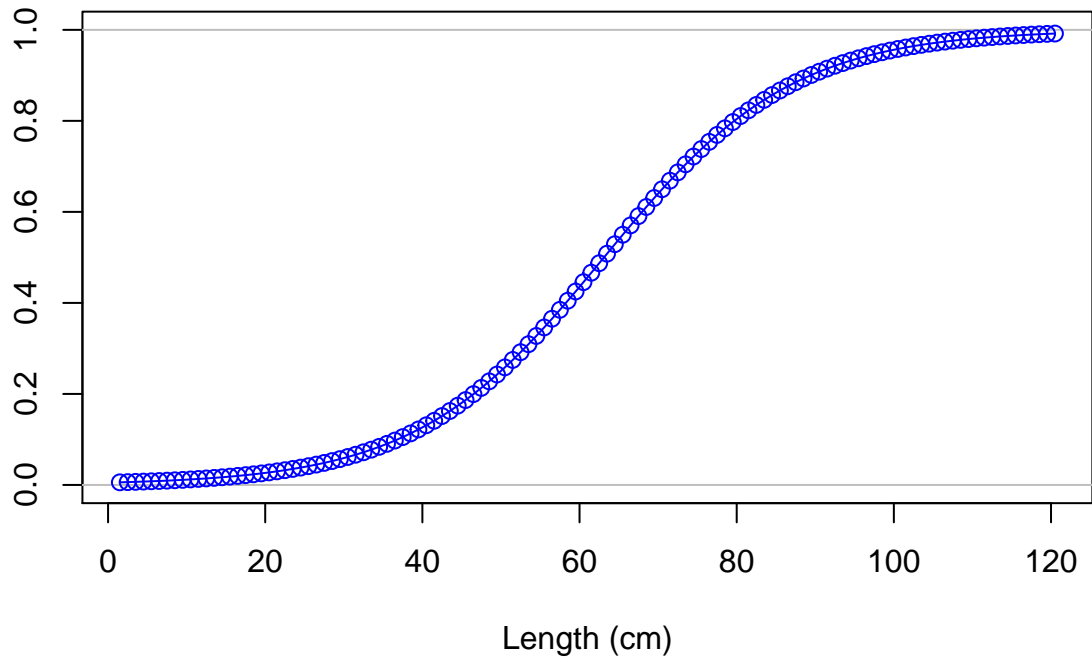


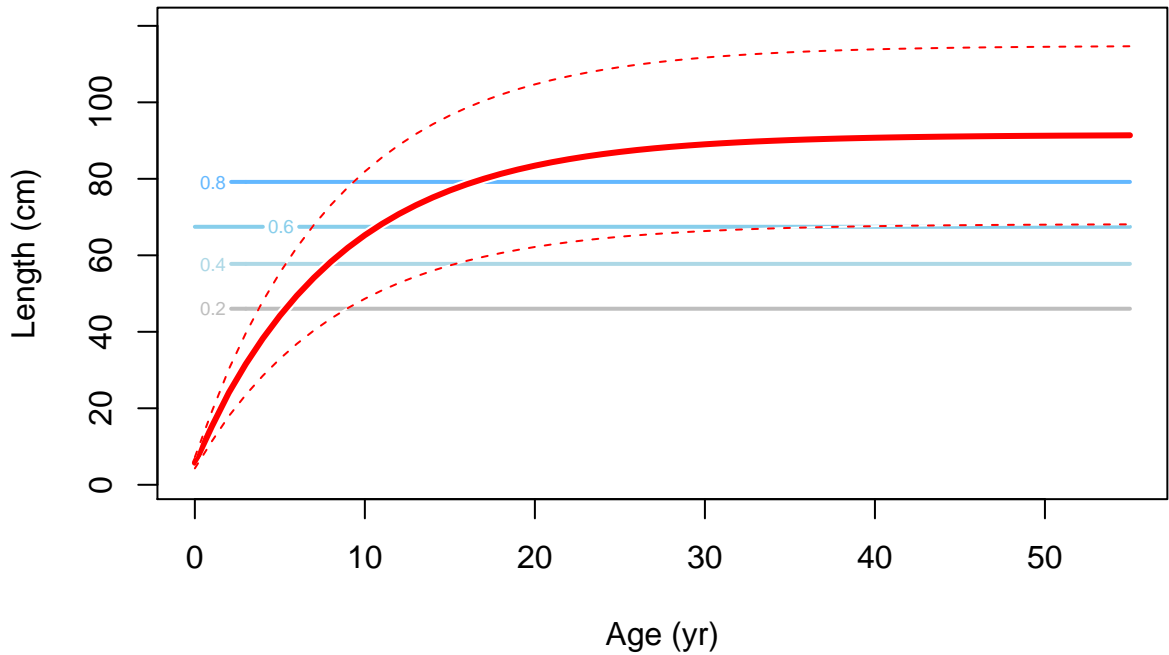
Selectivity

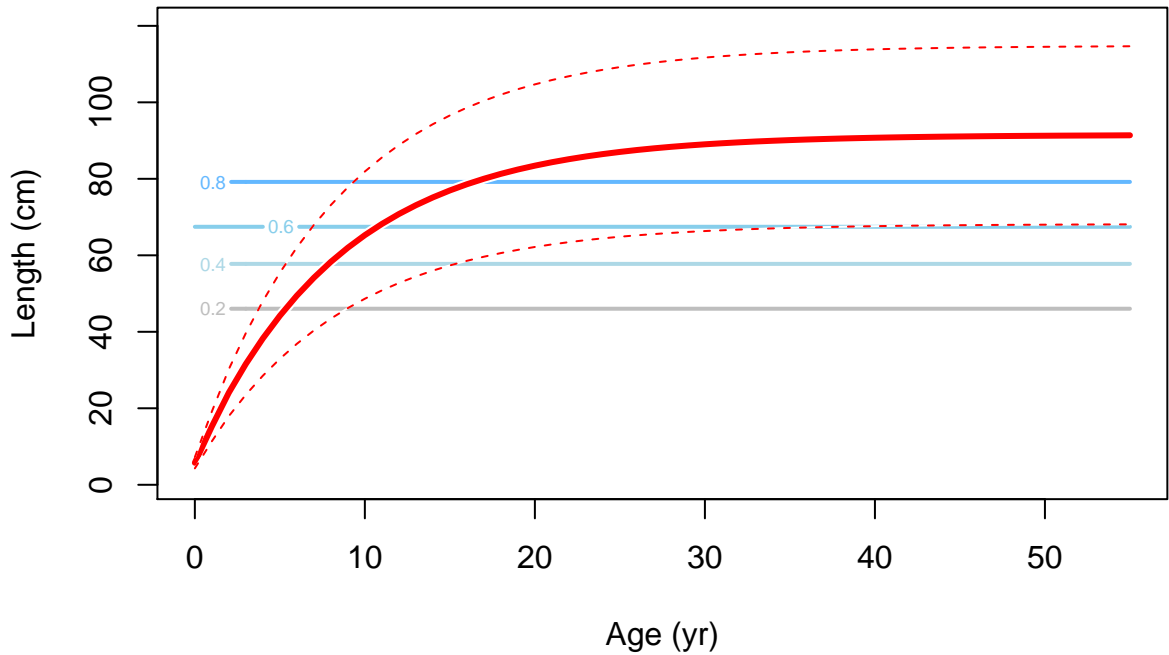


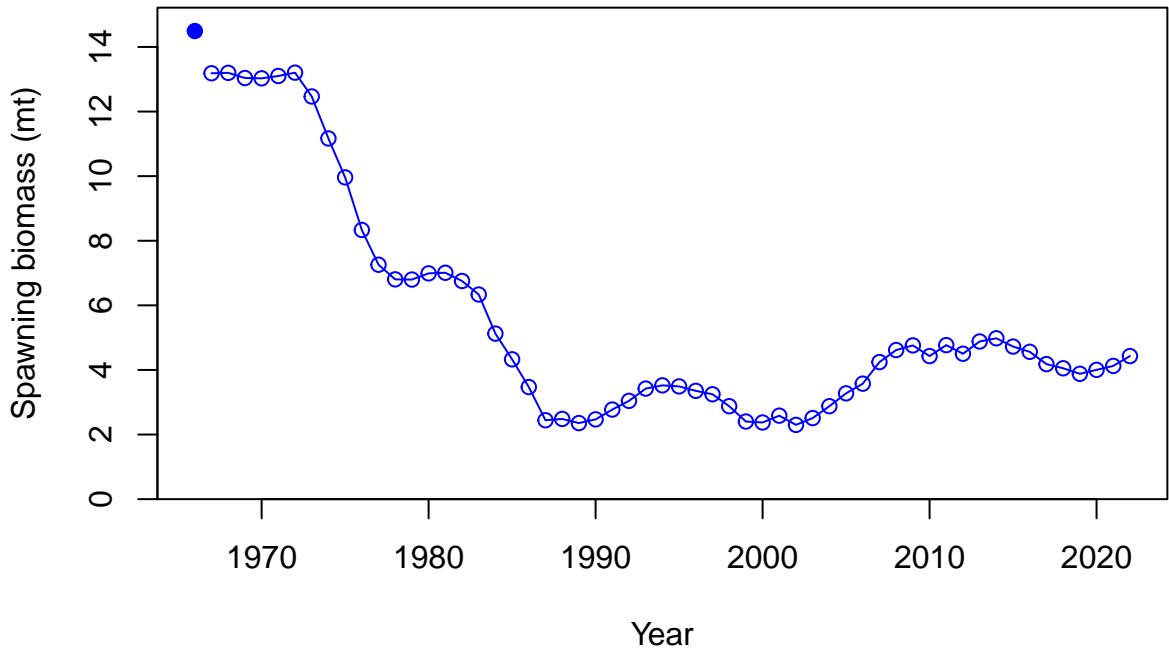


Selectivity

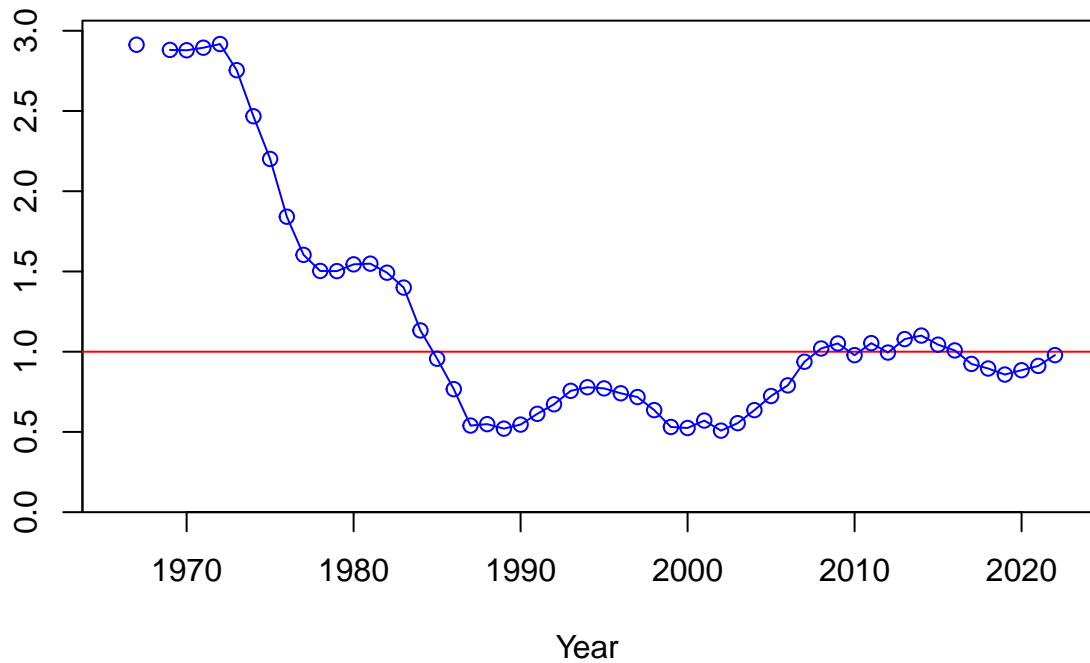


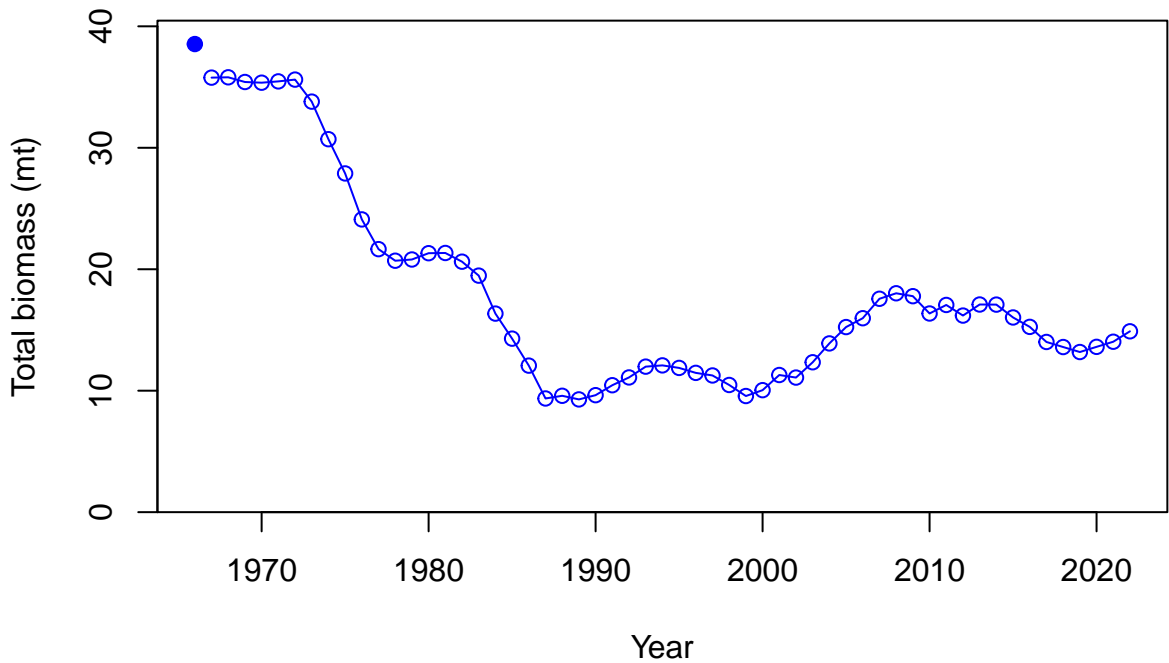


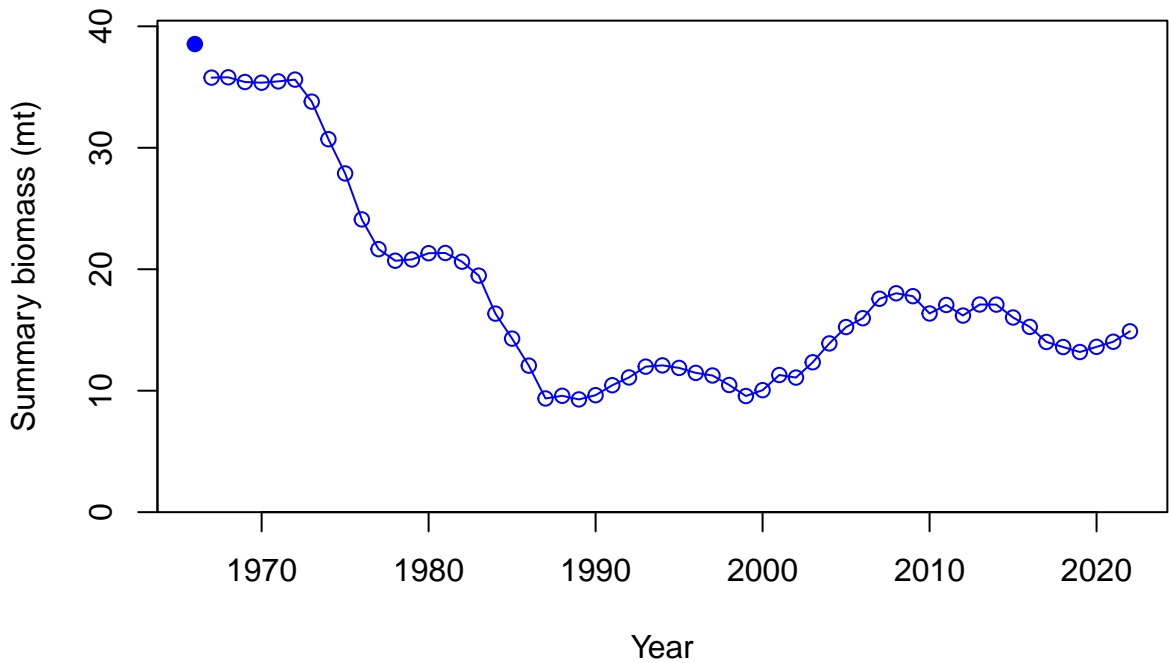




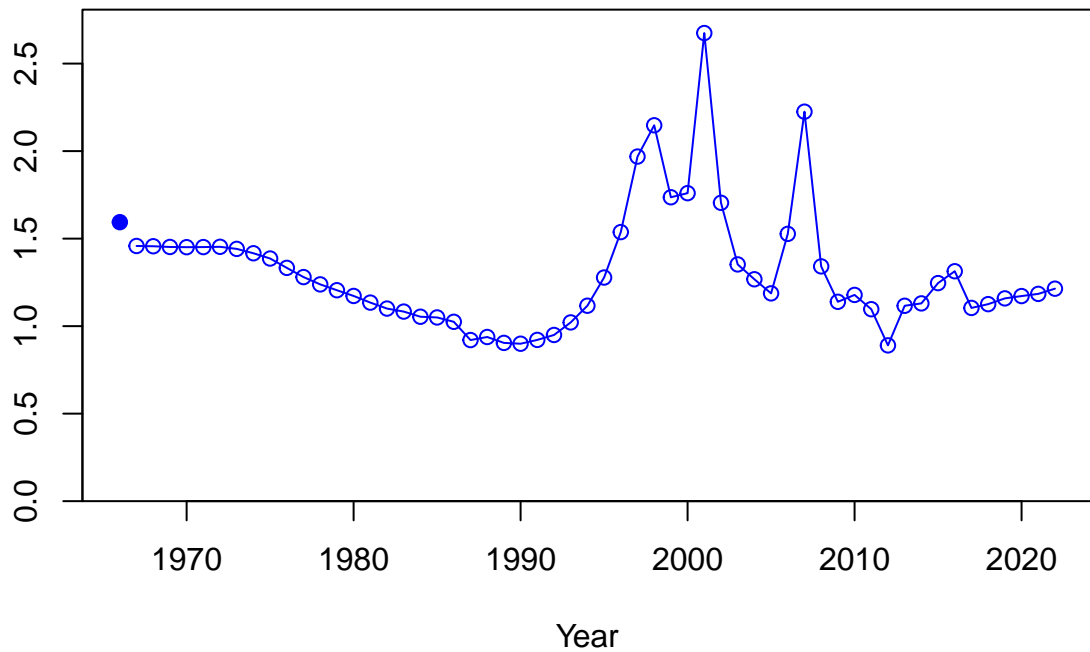
Relative spawning biomass:  $B/B_{MSY}$





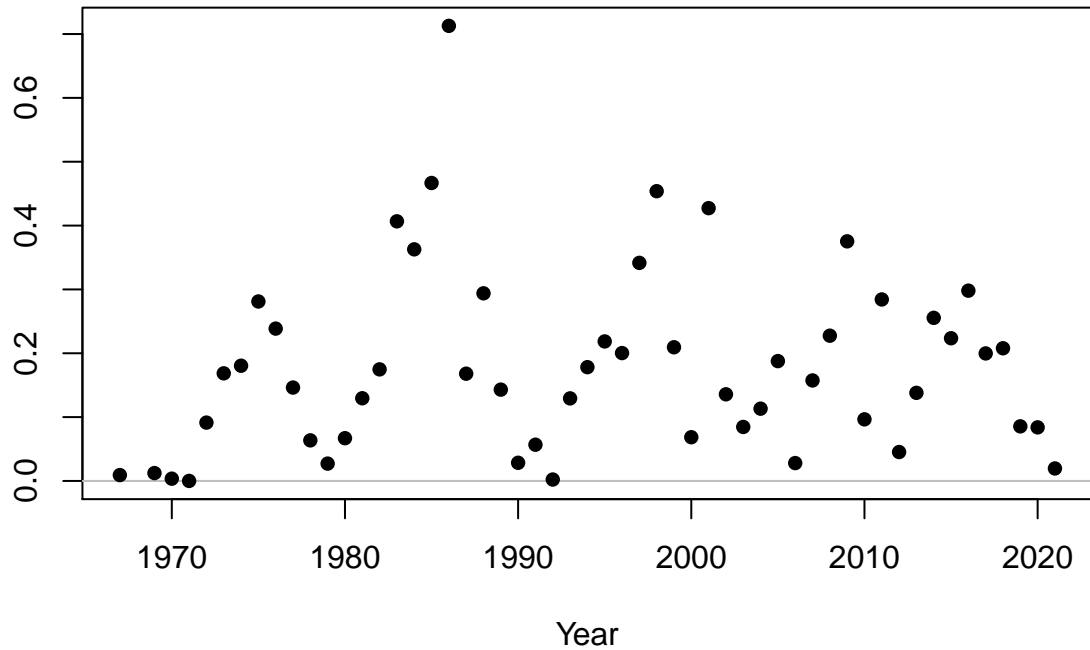


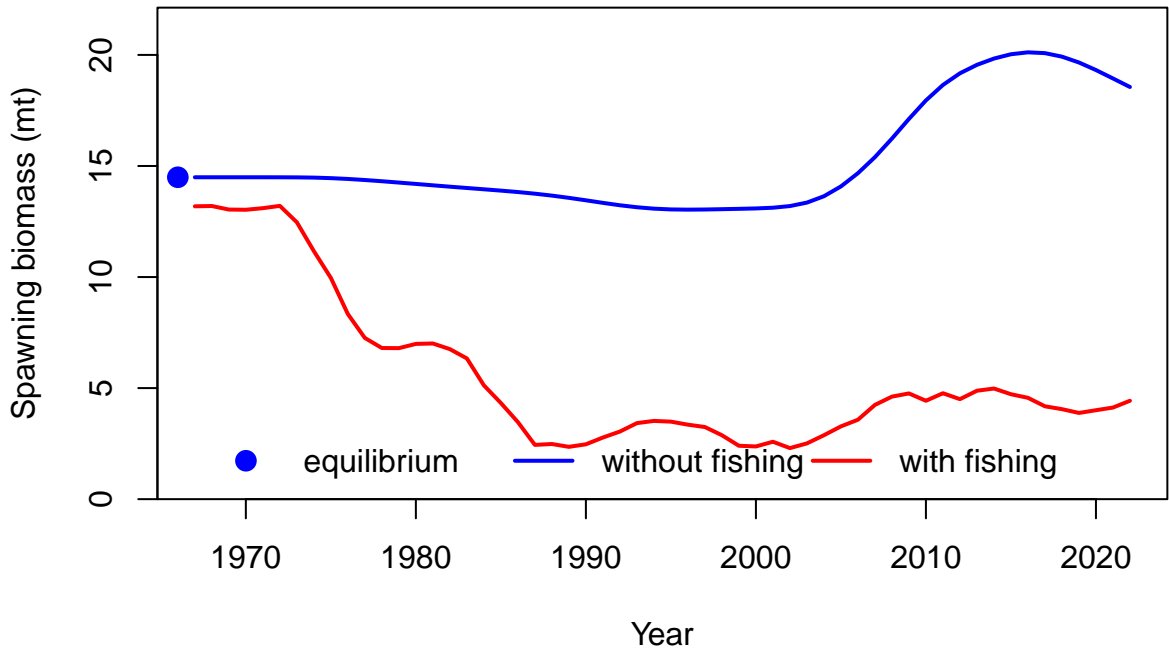
Age-0 recruits (1,000s)



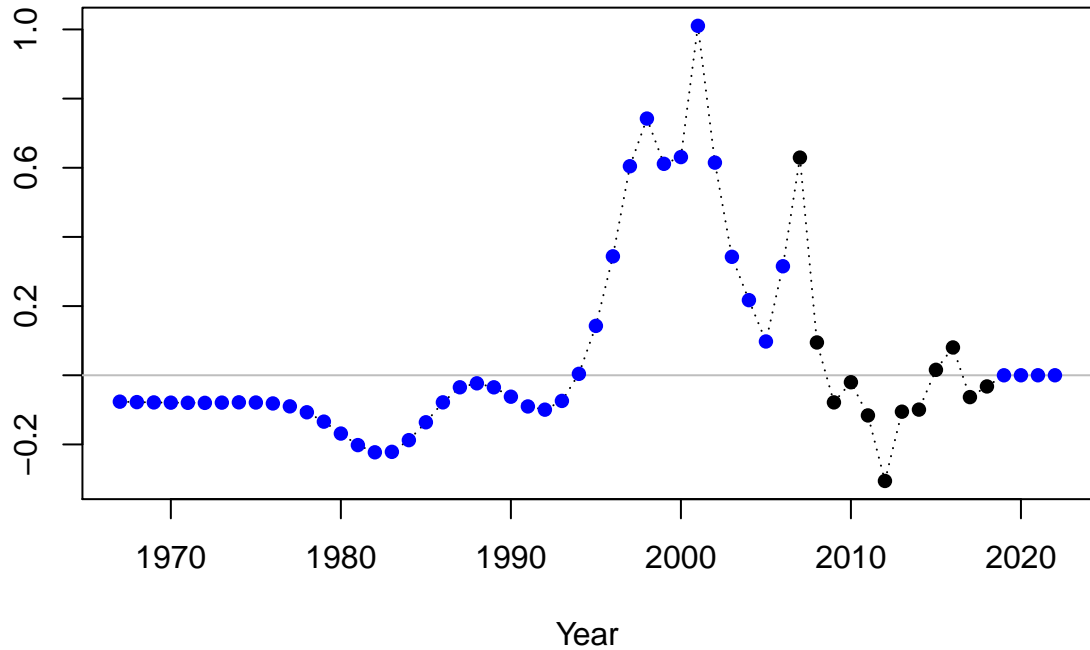


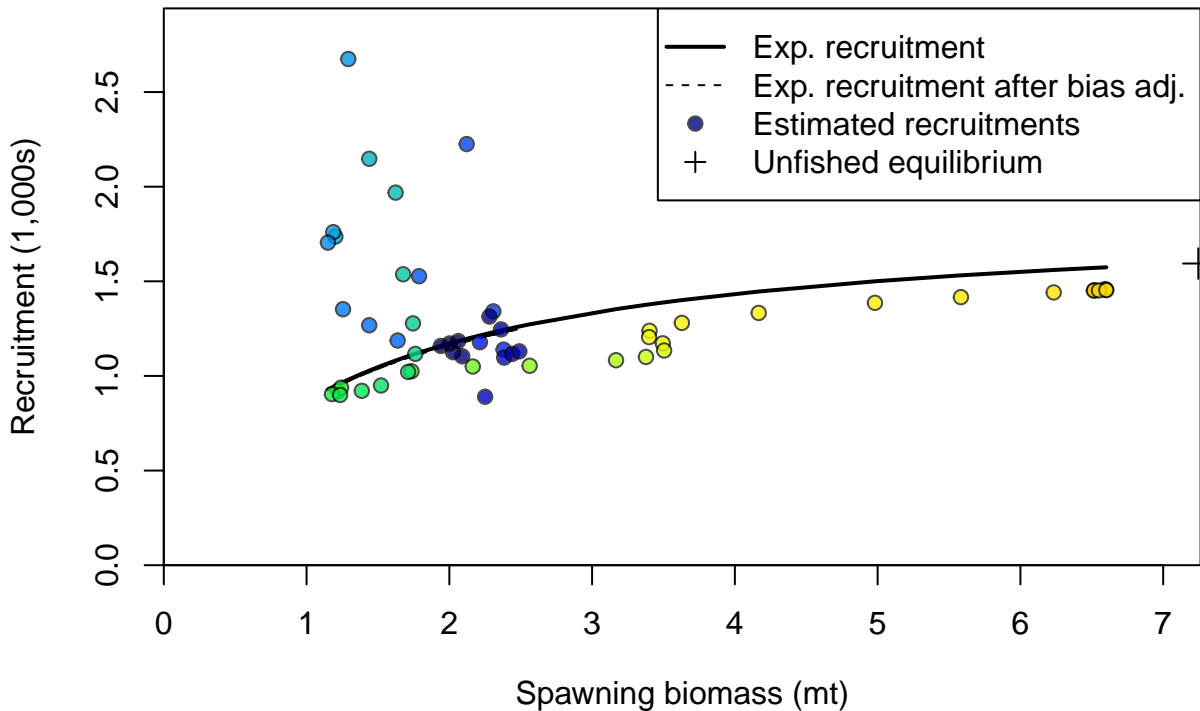
Summary Fishing Mortality

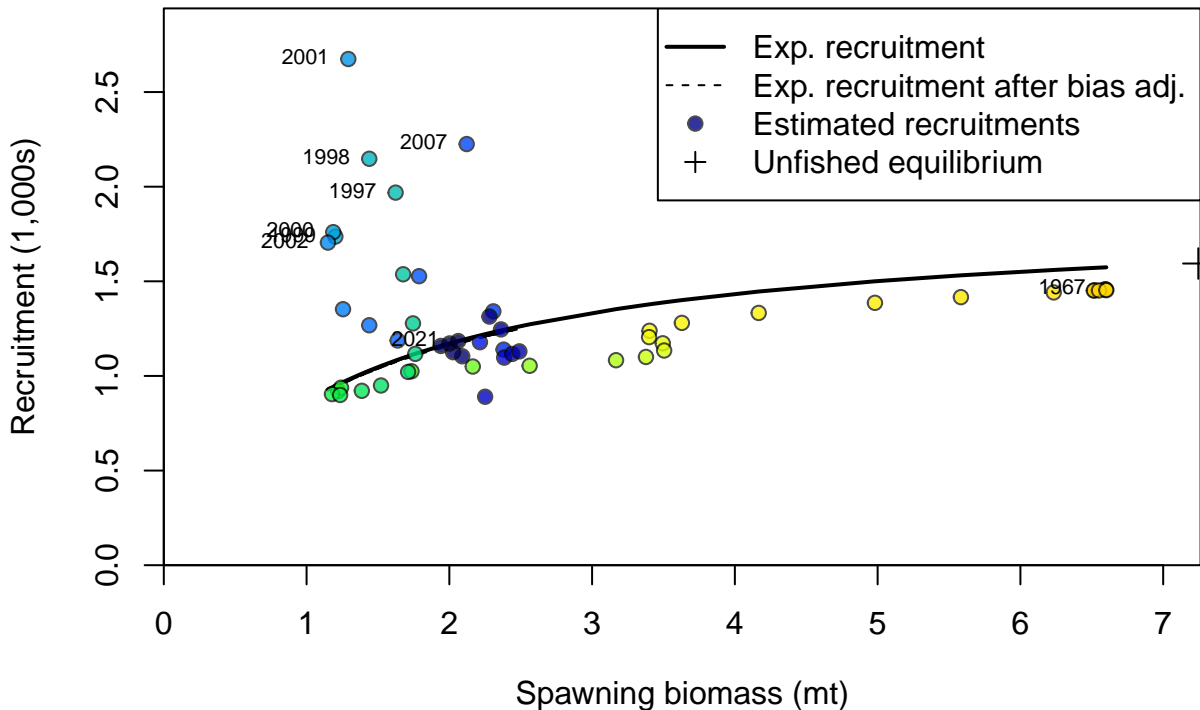




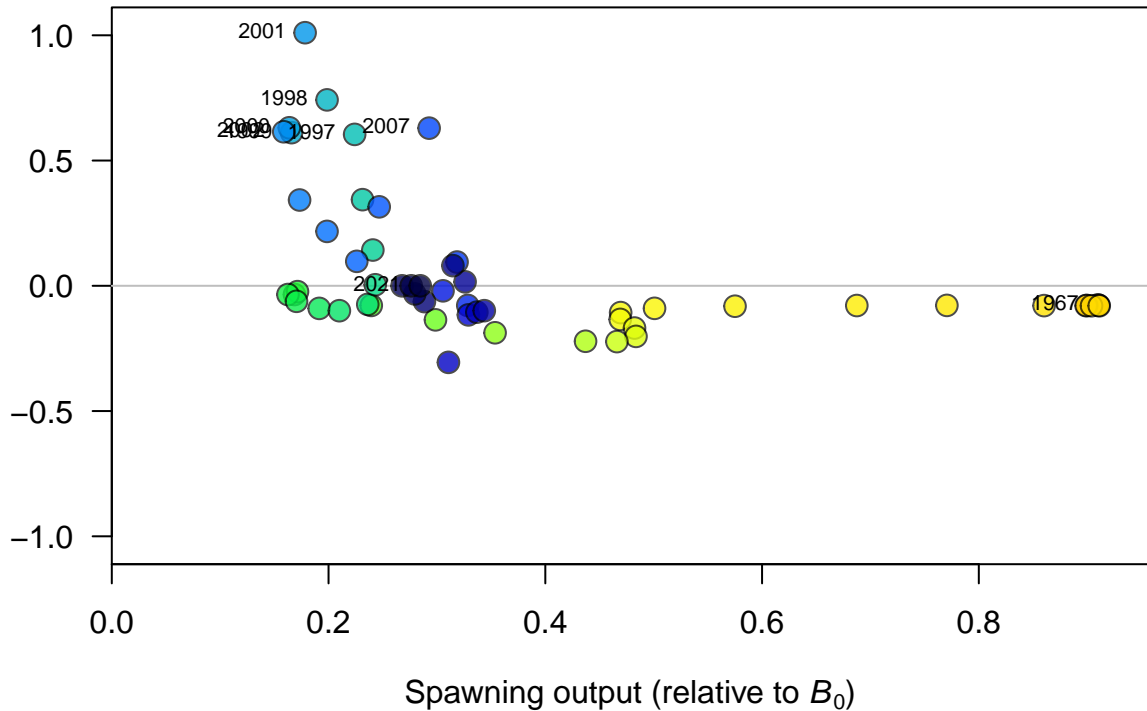
Log recruitment deviation

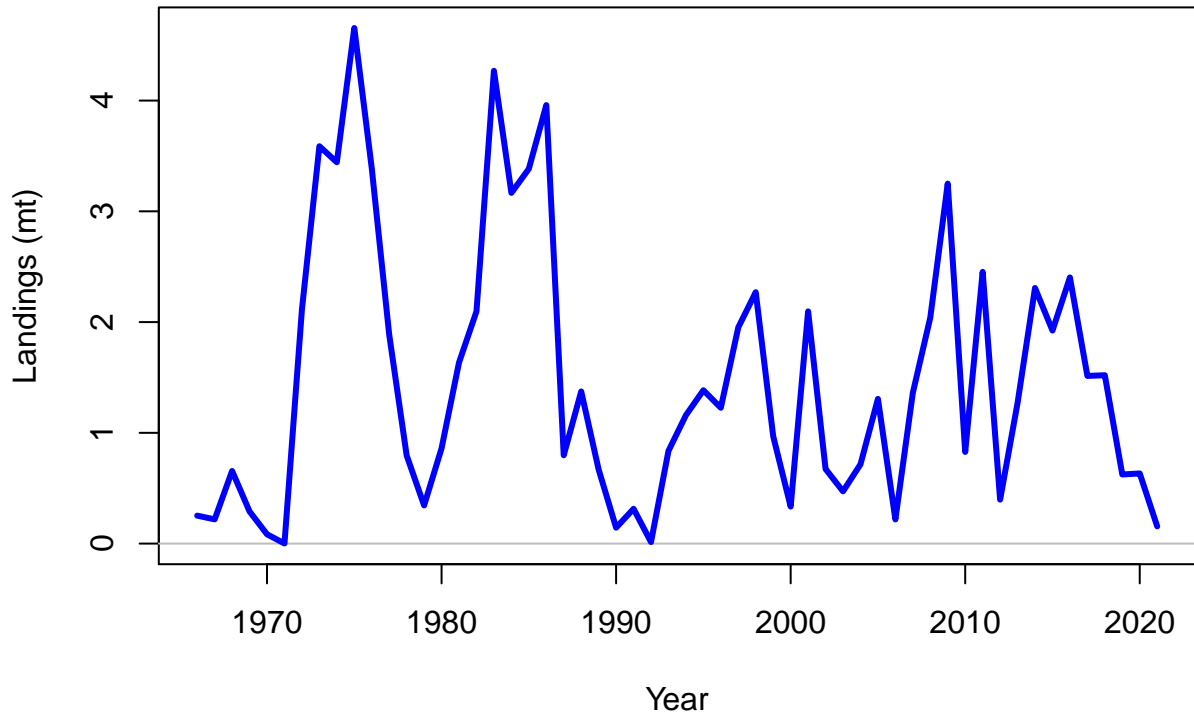


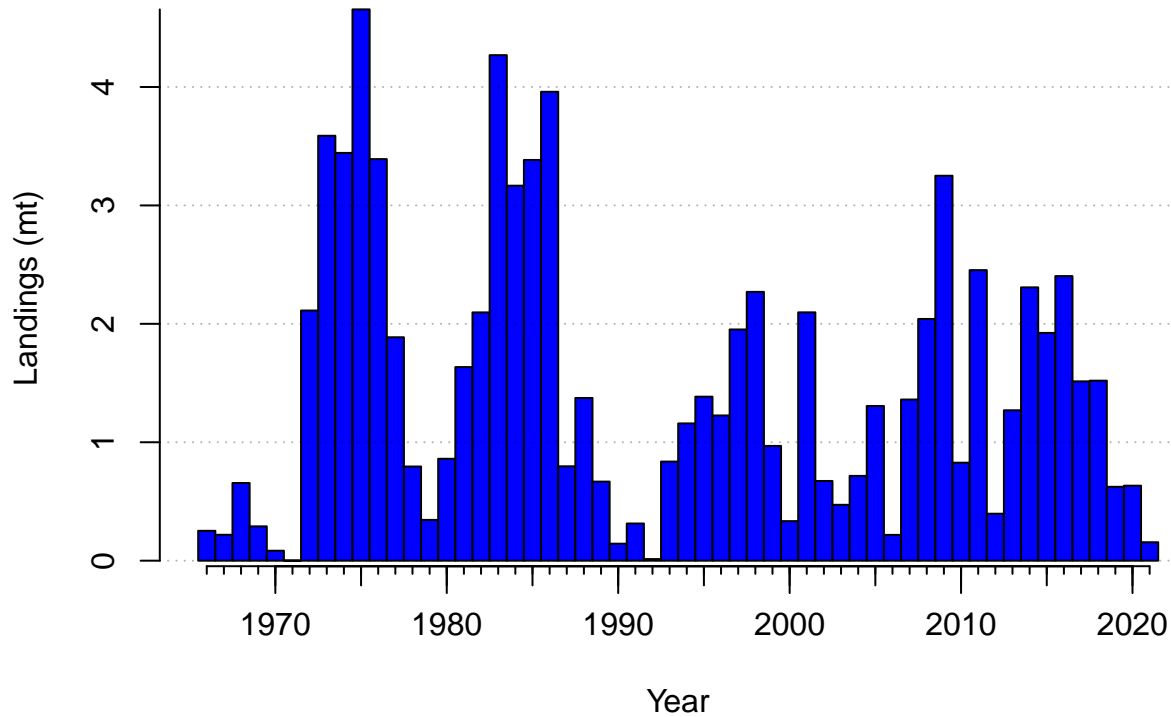




Log recruitment deviation

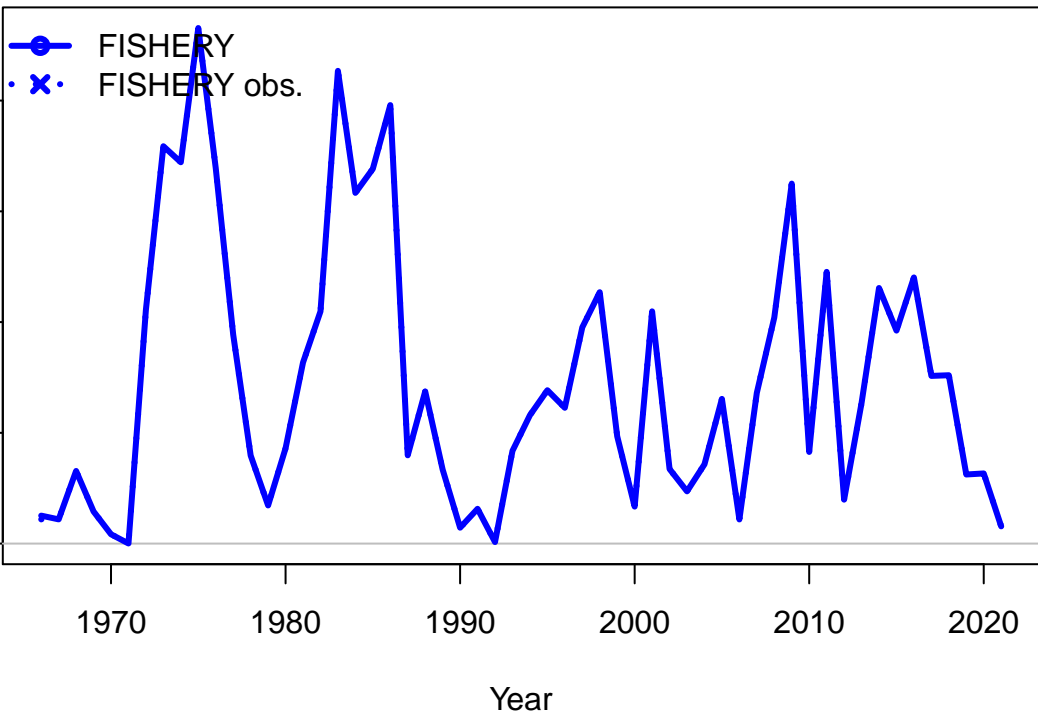


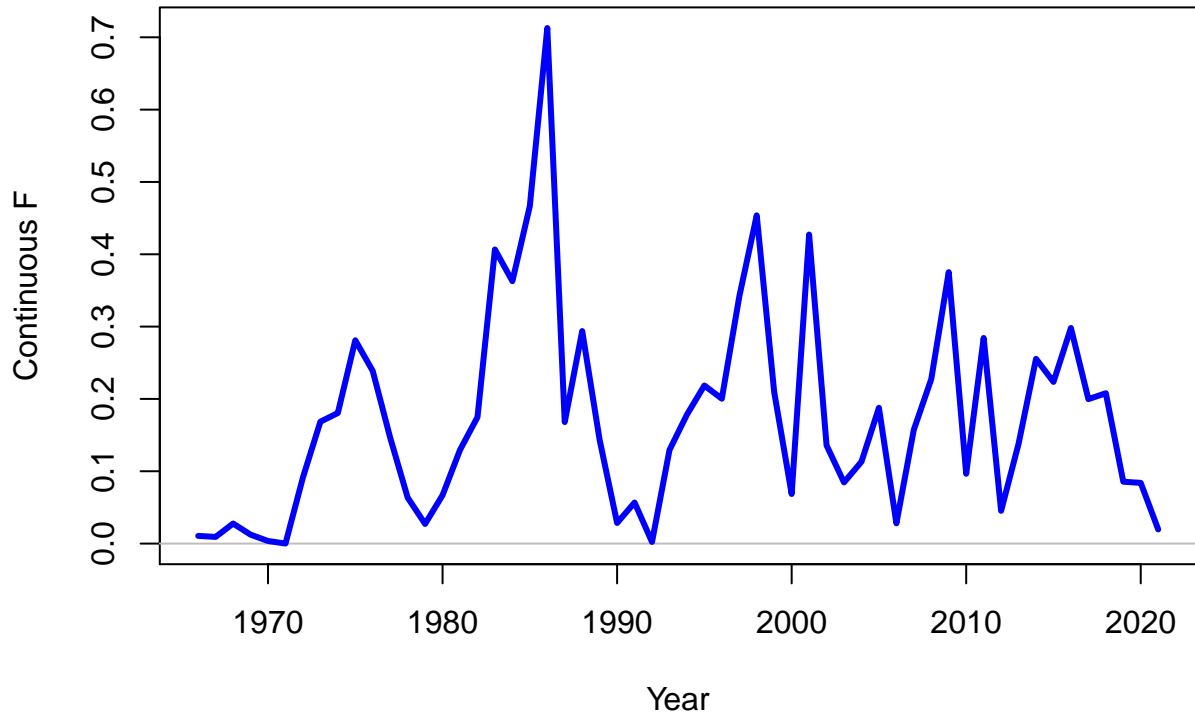




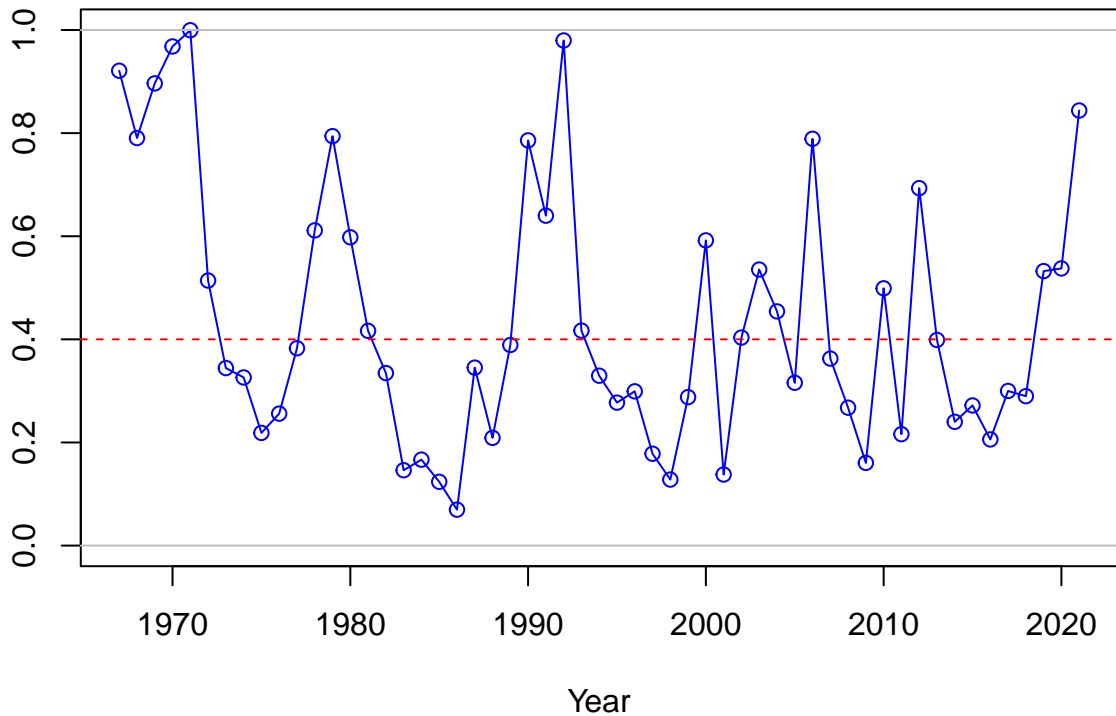


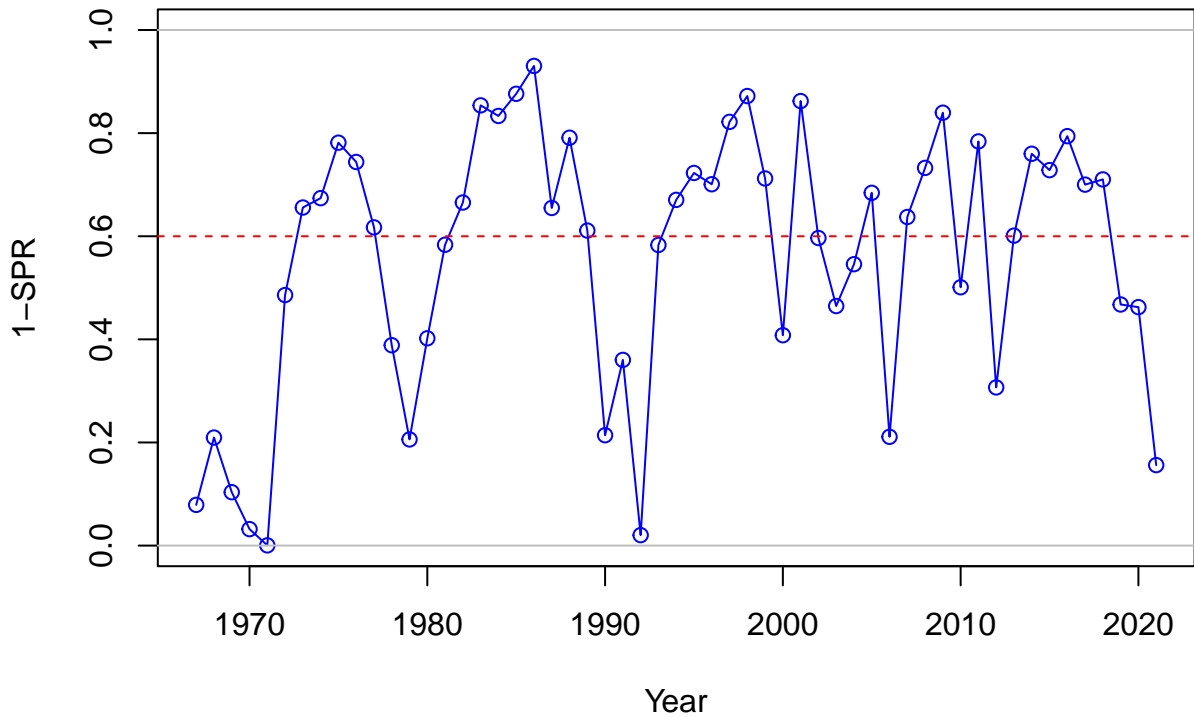
Observed and expected Landings (mt)



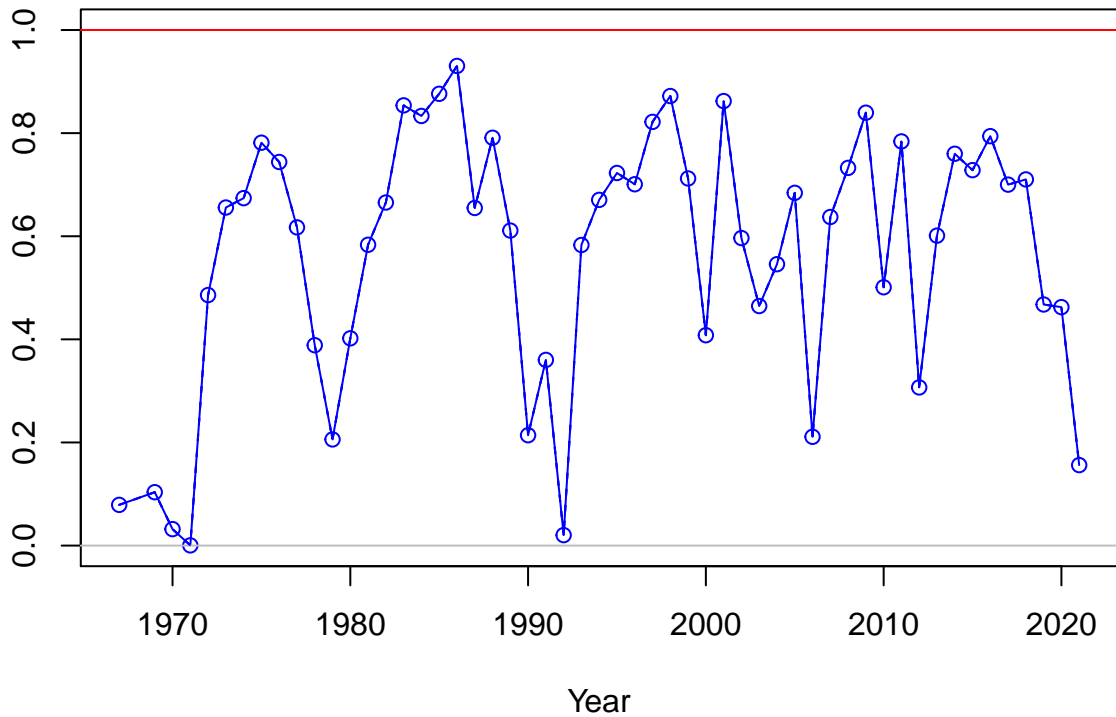


SPR

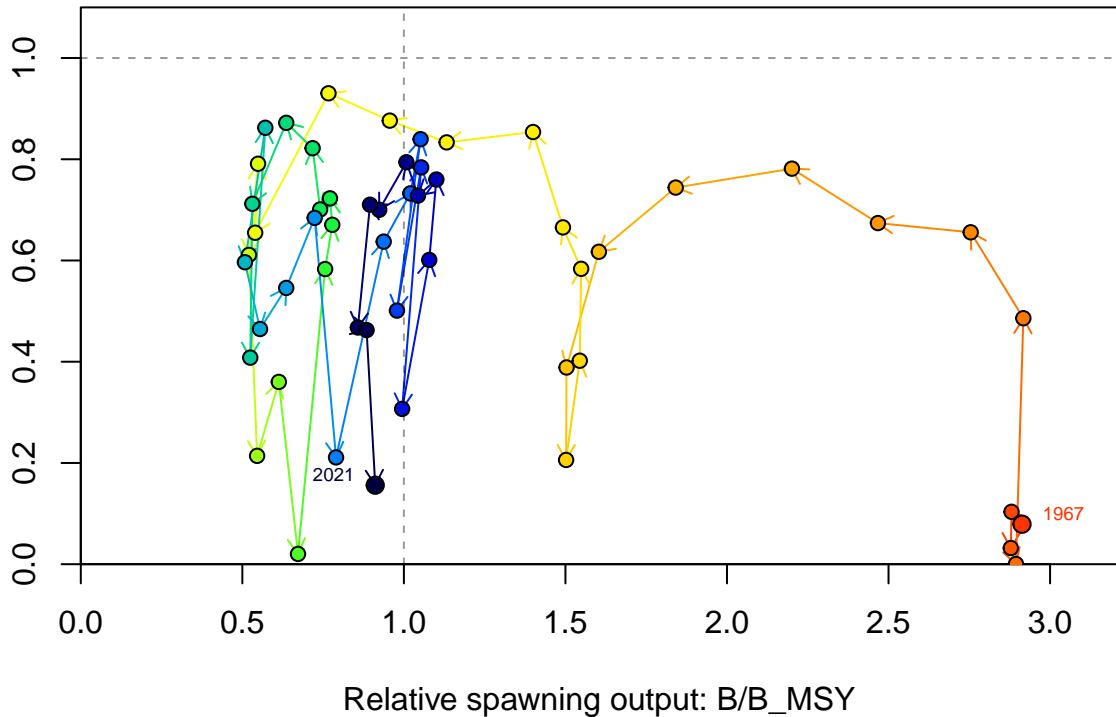




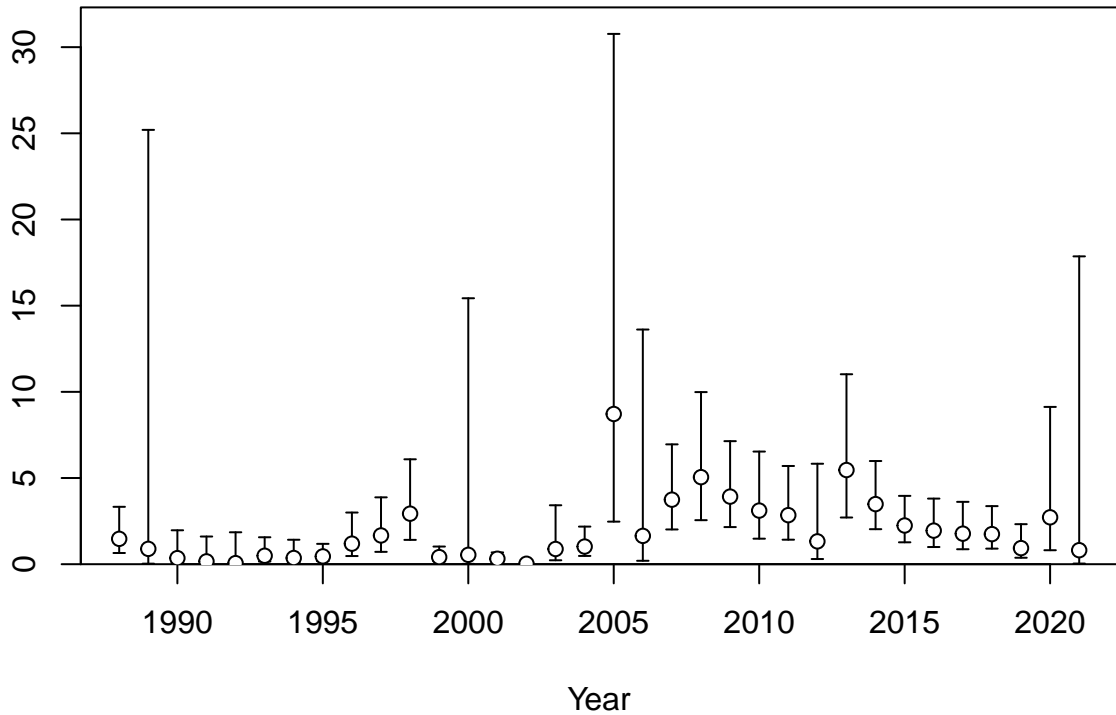
Fishing intensity: 1-SPR



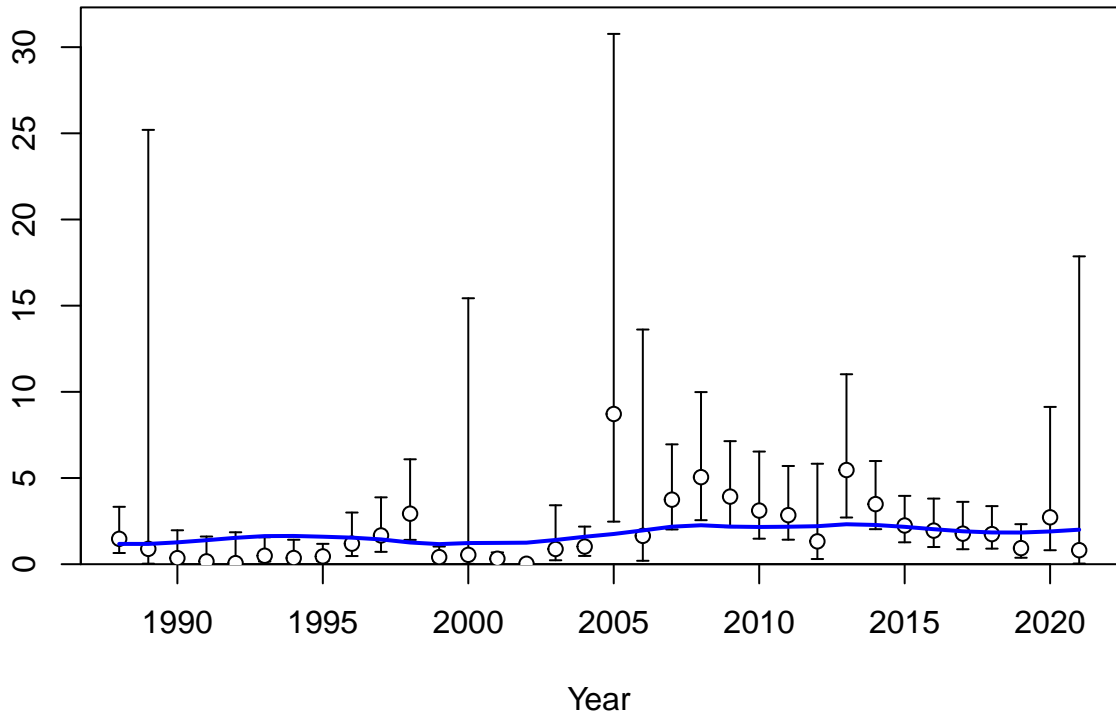
Fishing intensity: 1-SPR



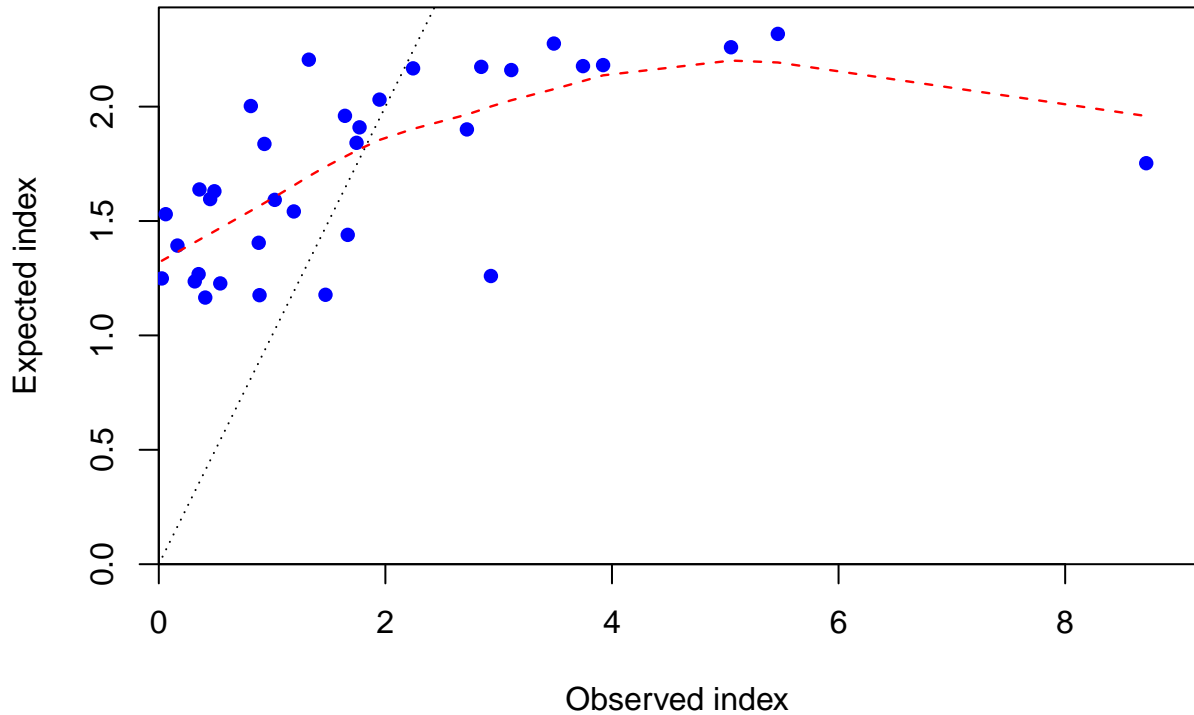
Index



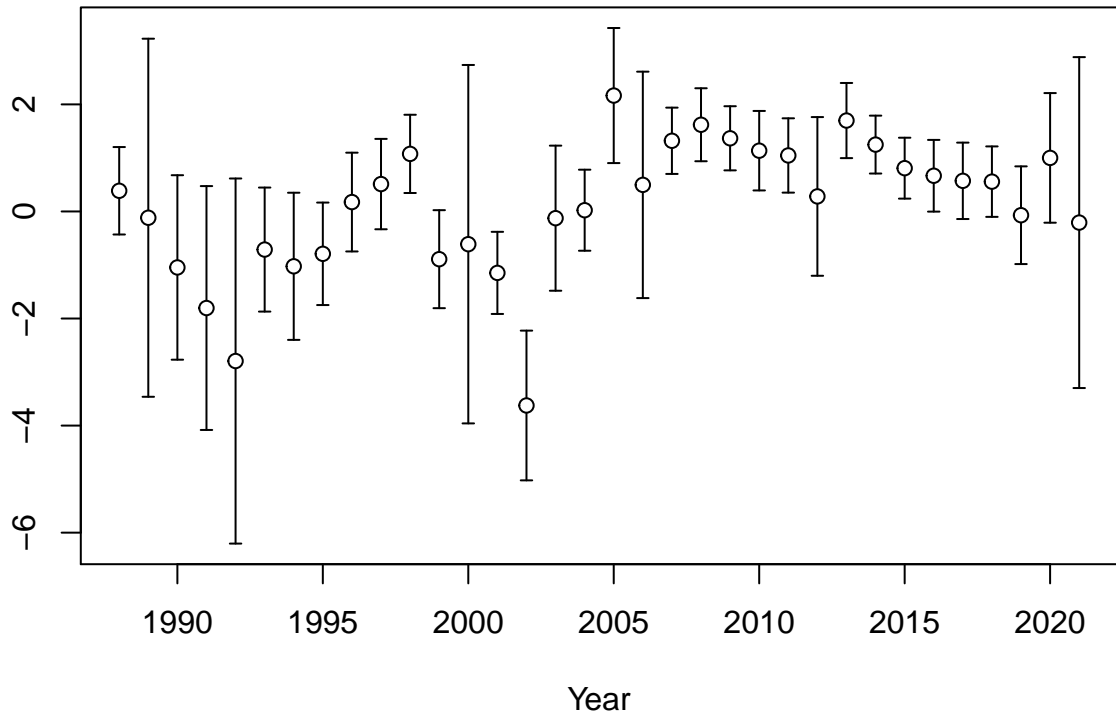
Index



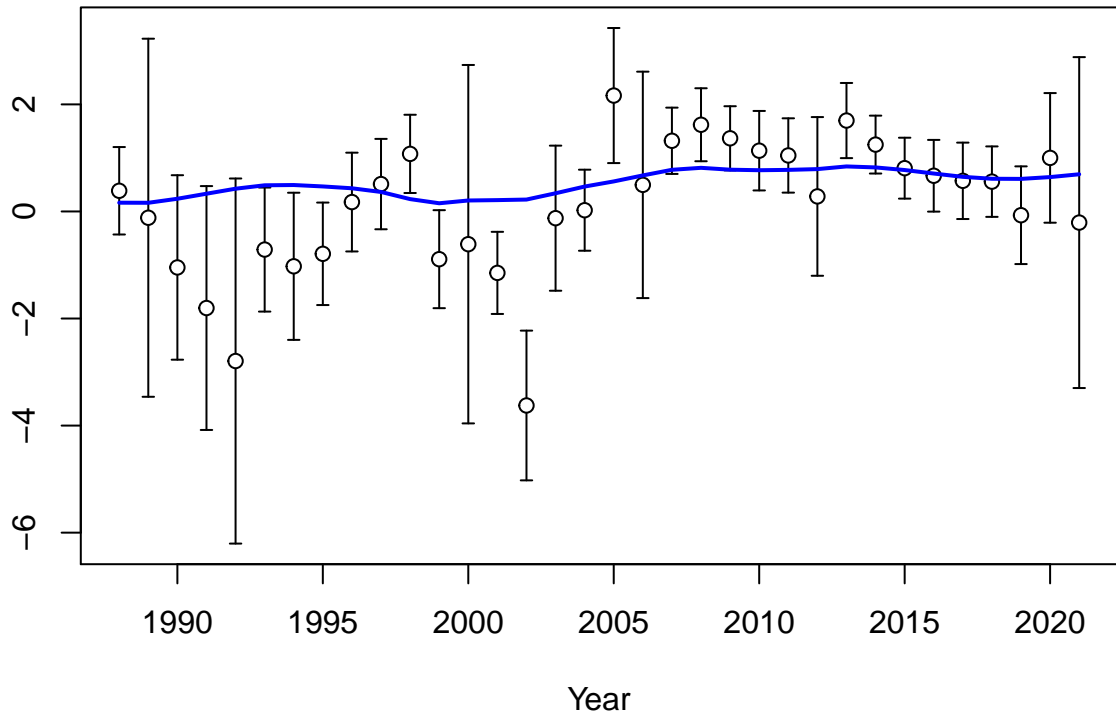


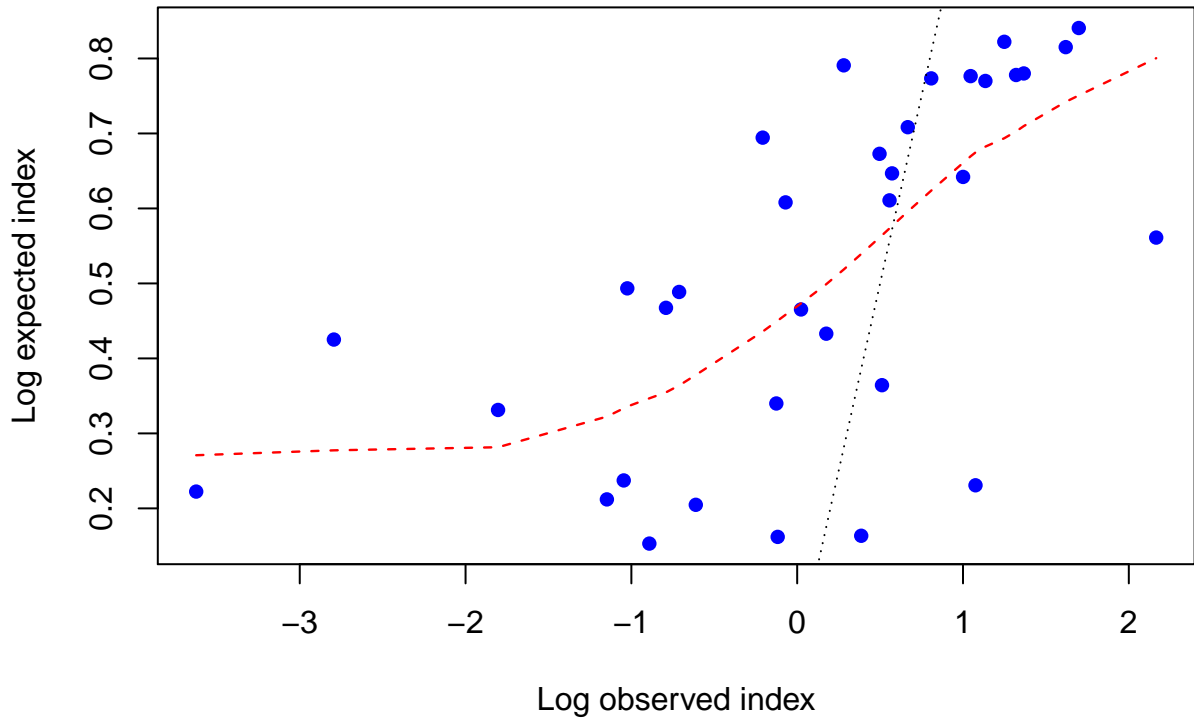


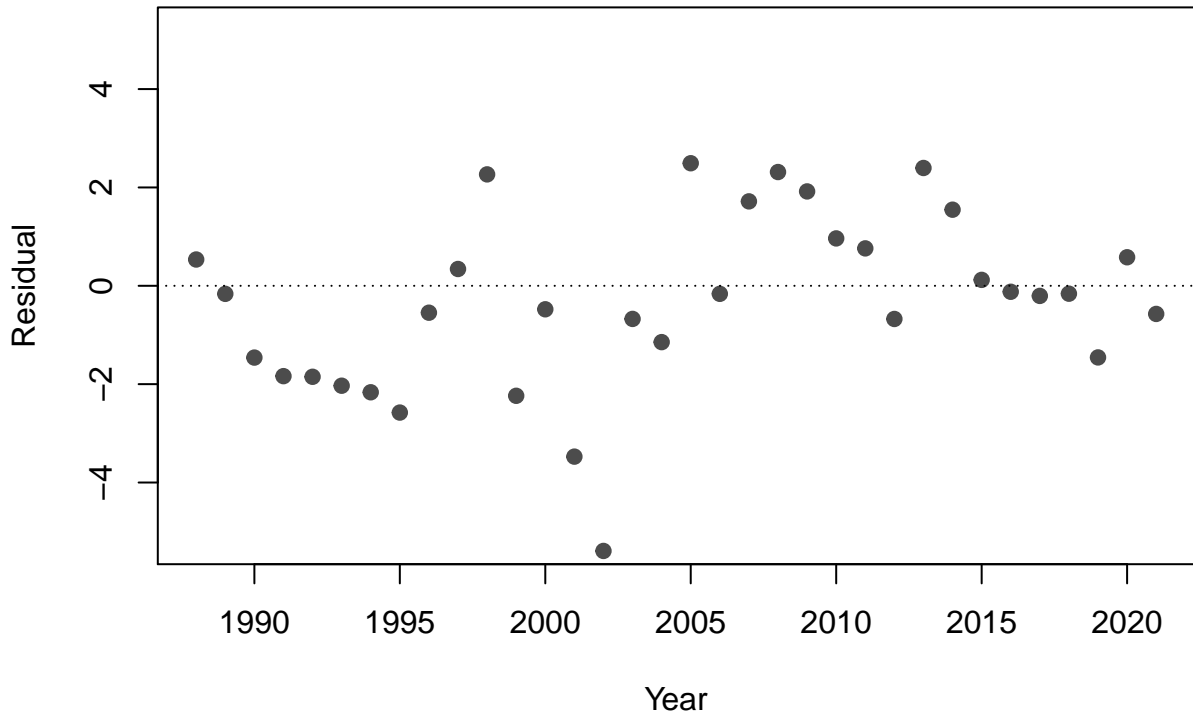
Log index



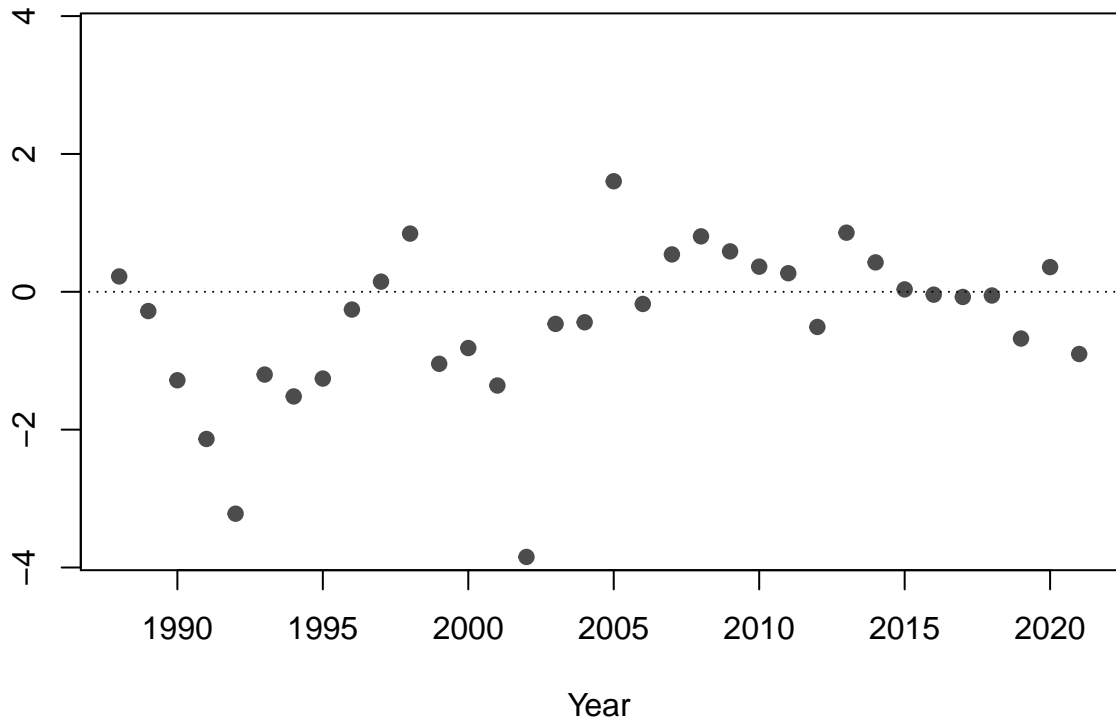
Log index

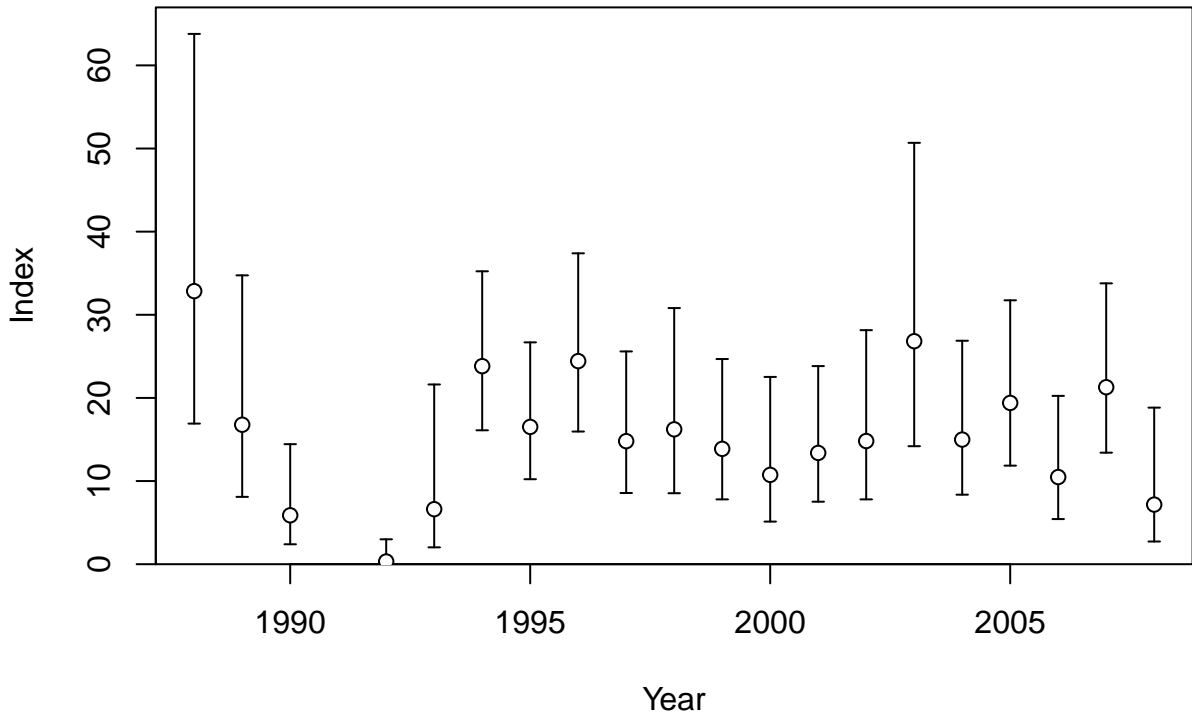


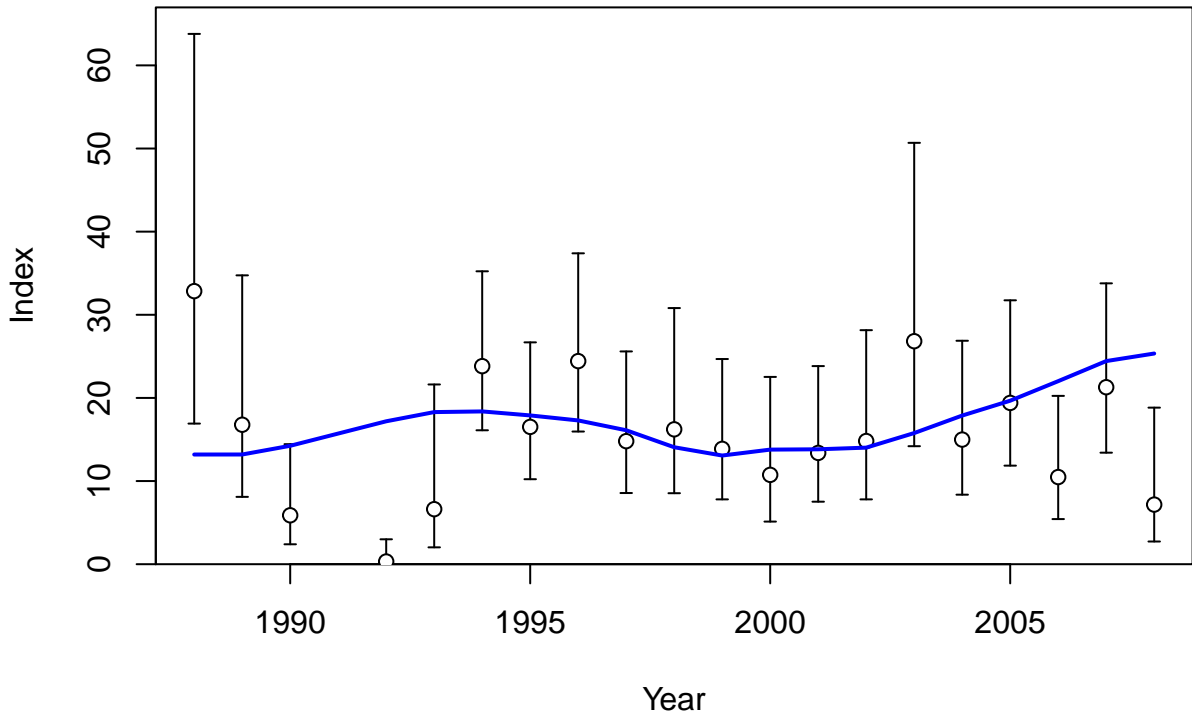




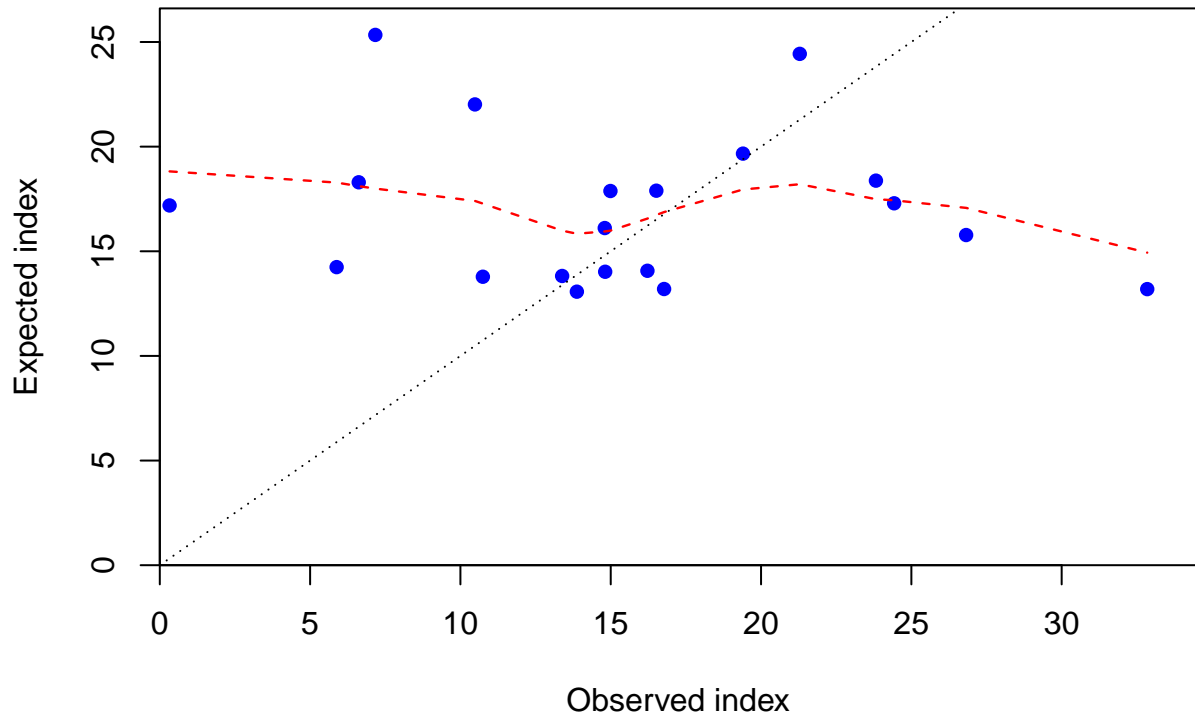
Deviation



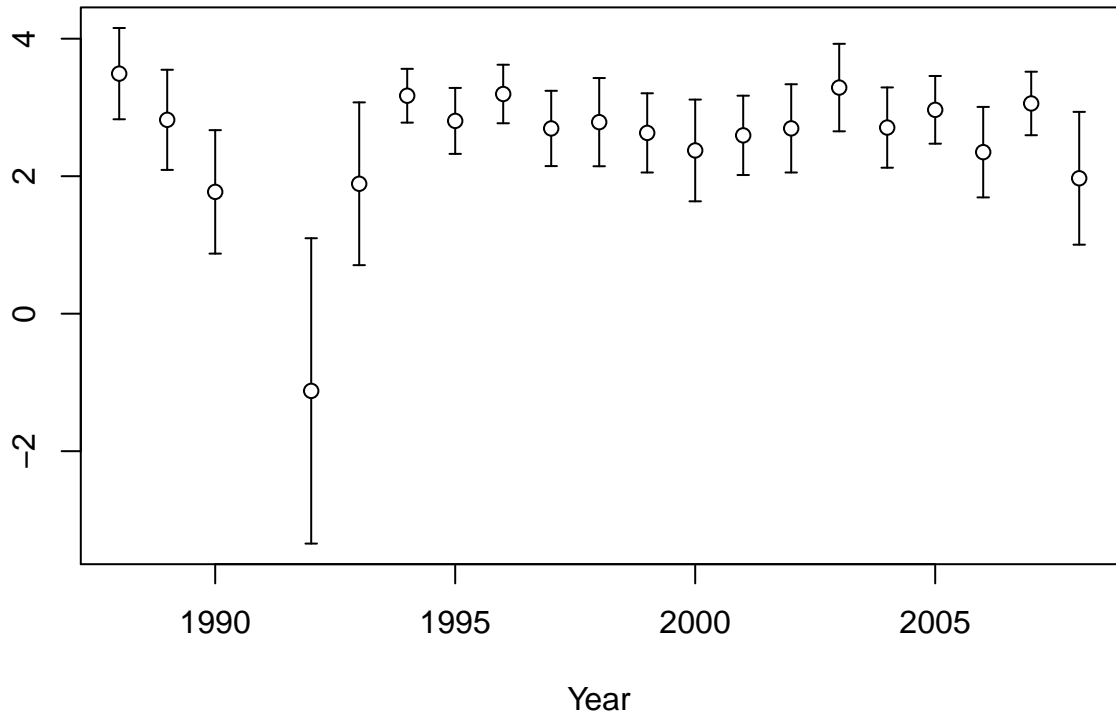


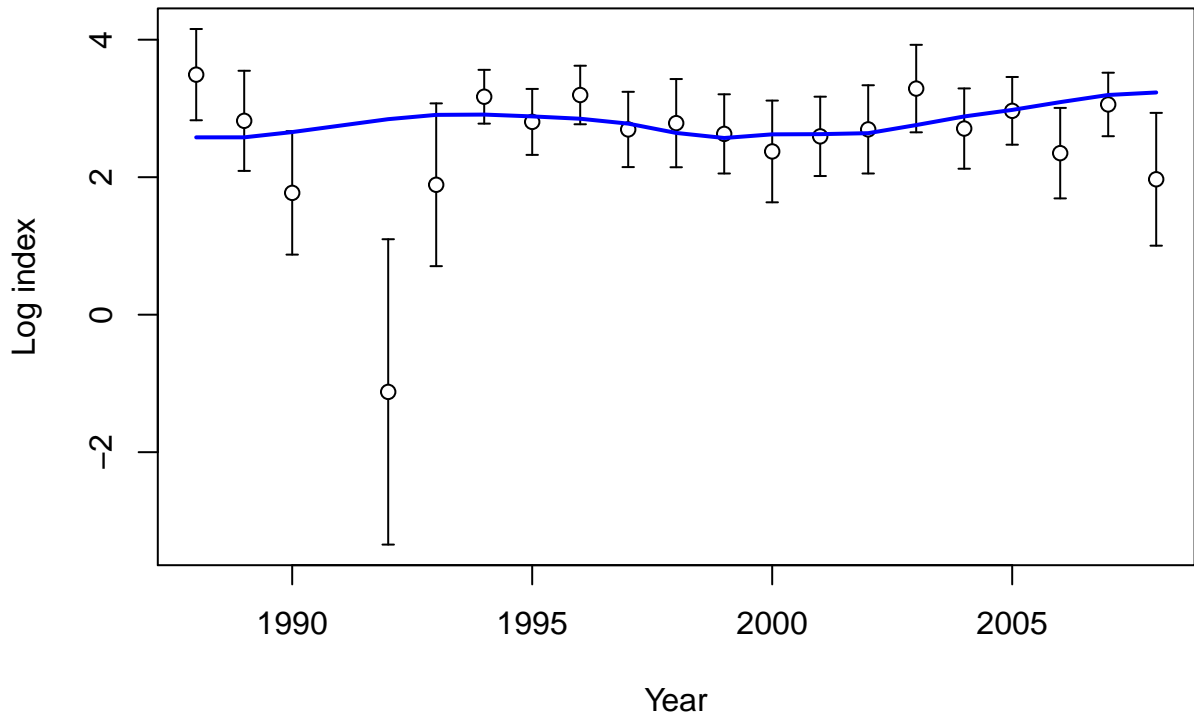


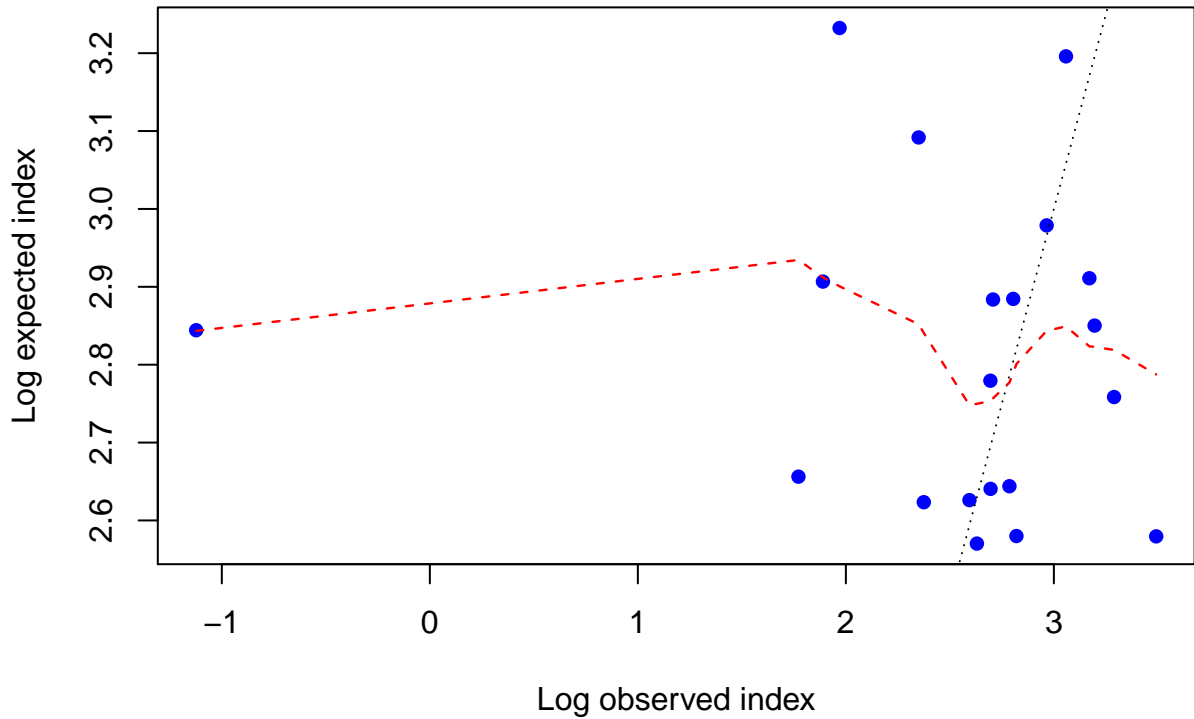


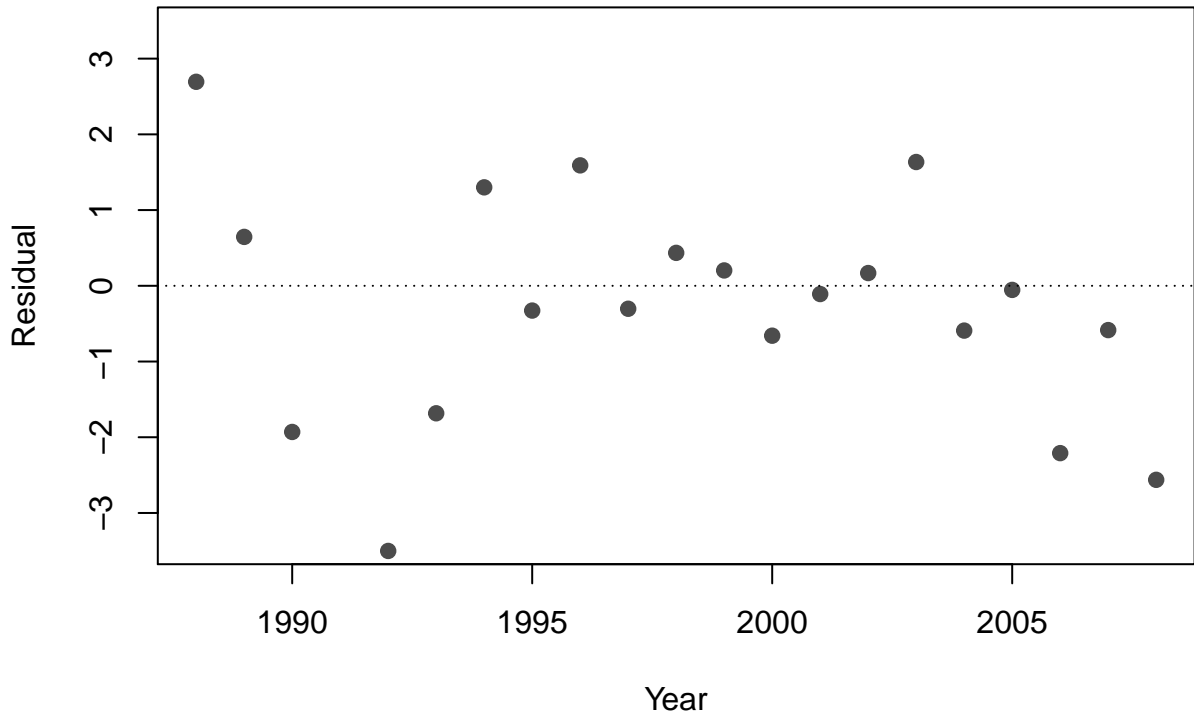


Log index

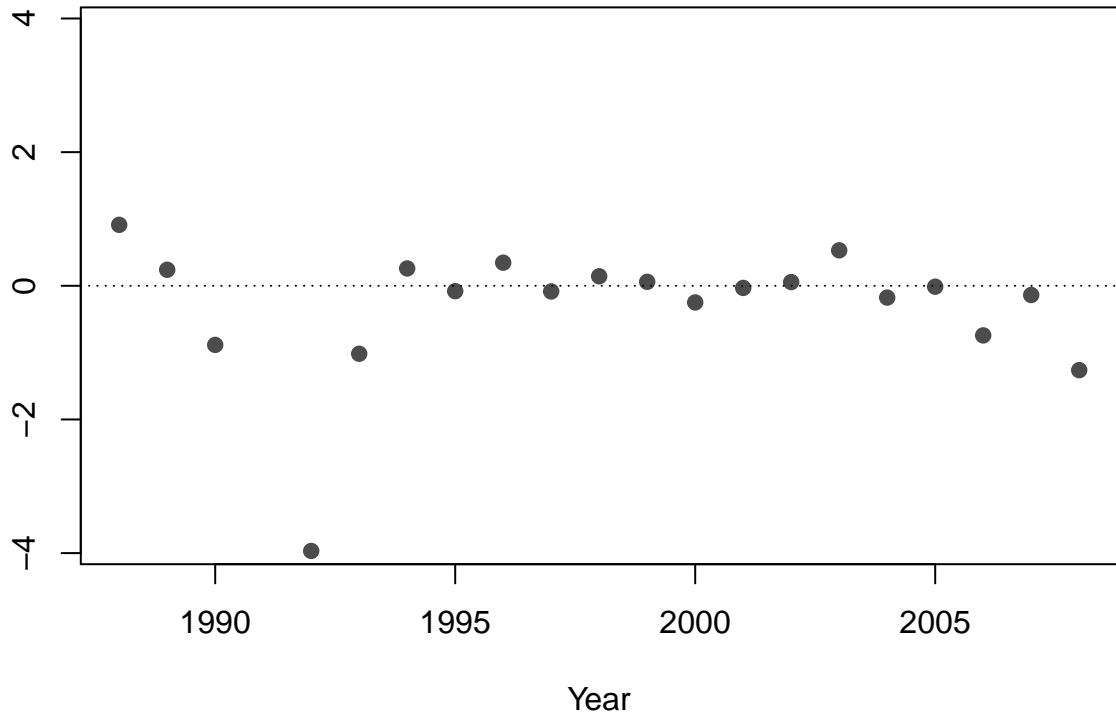


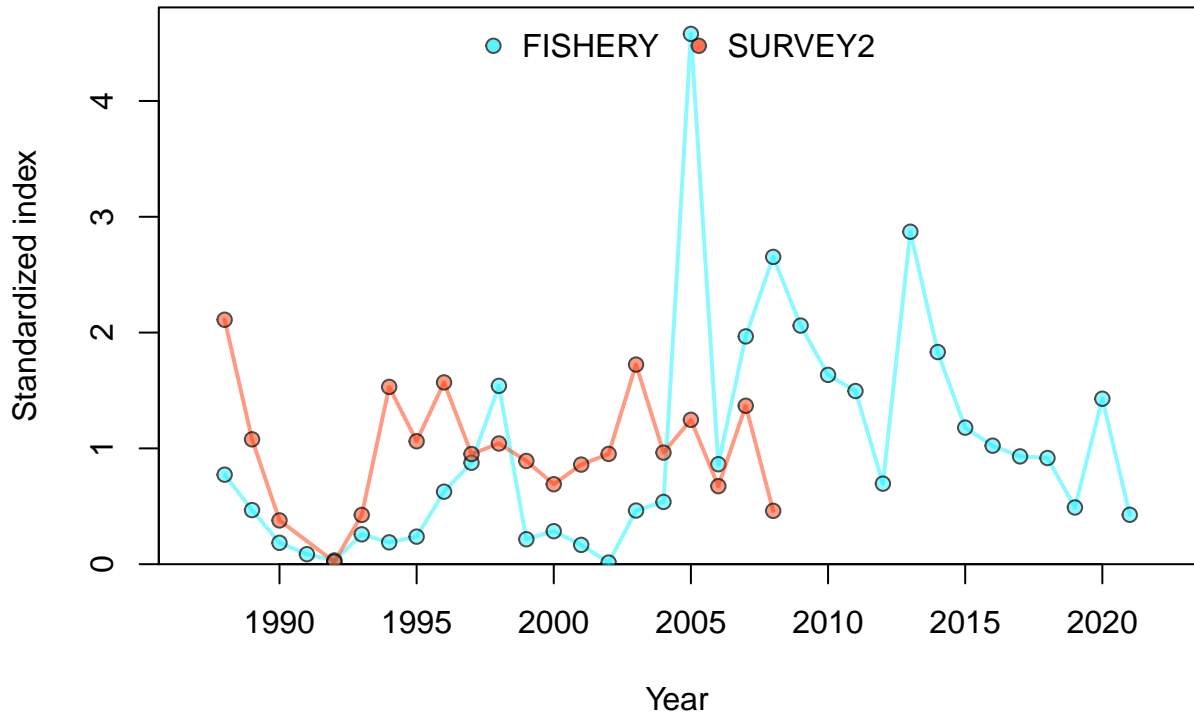


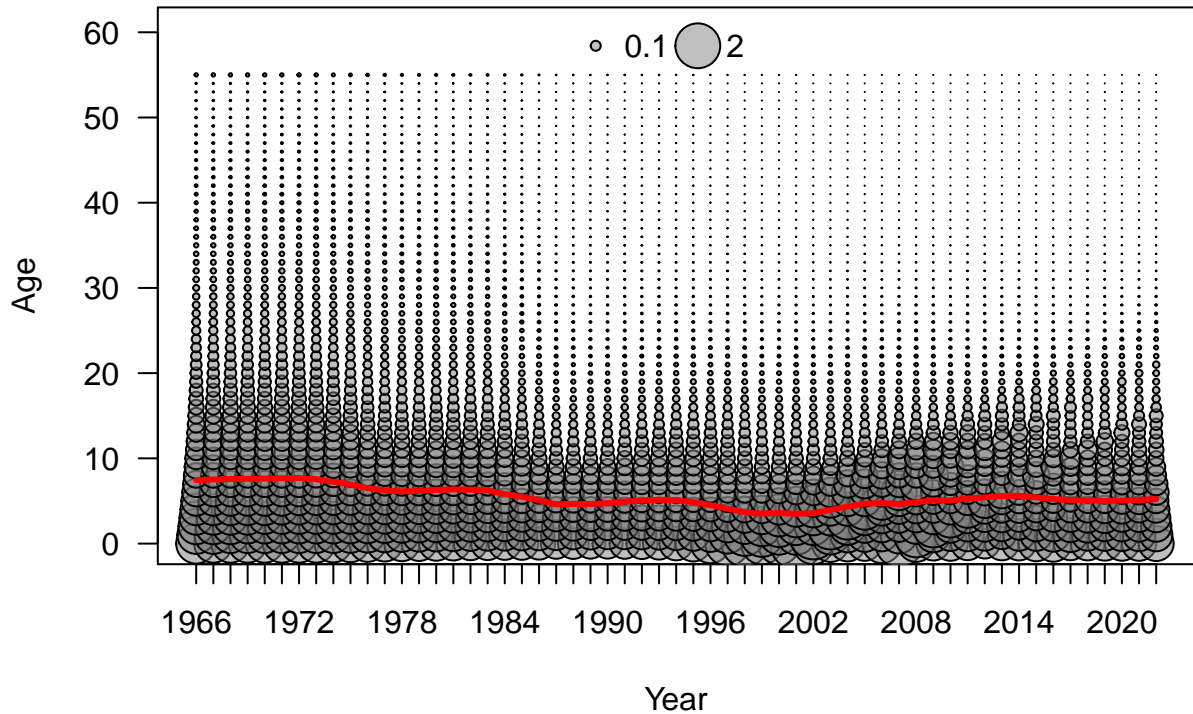




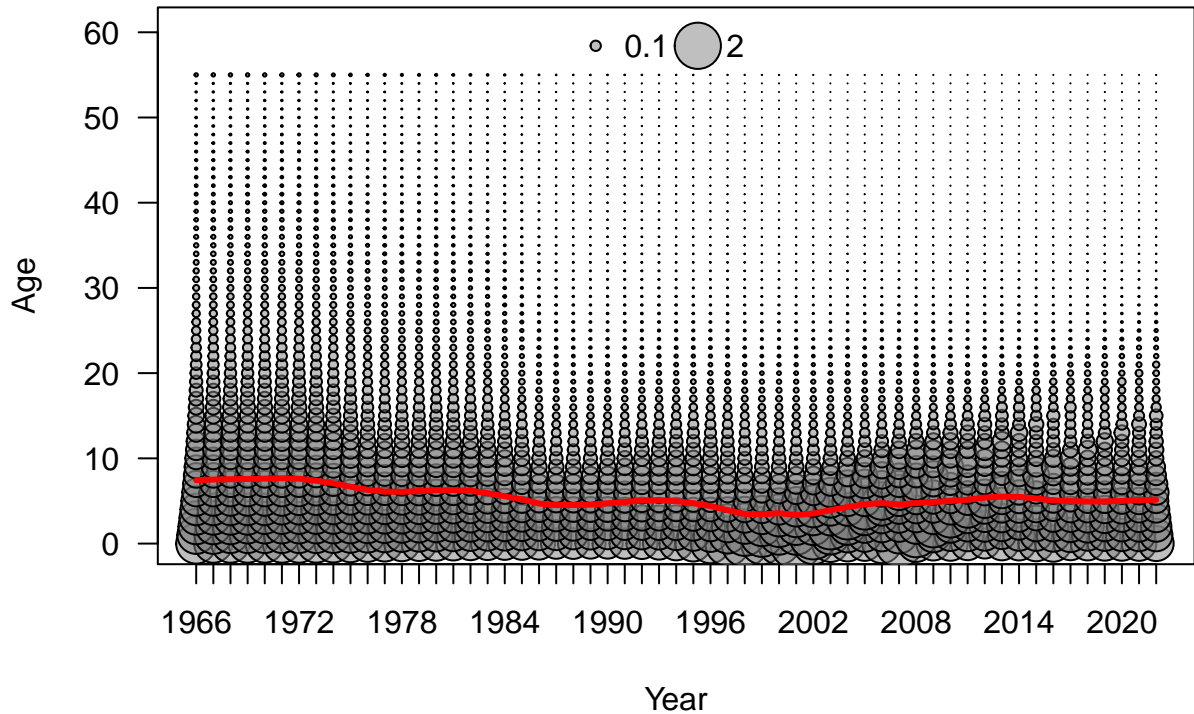
Deviation

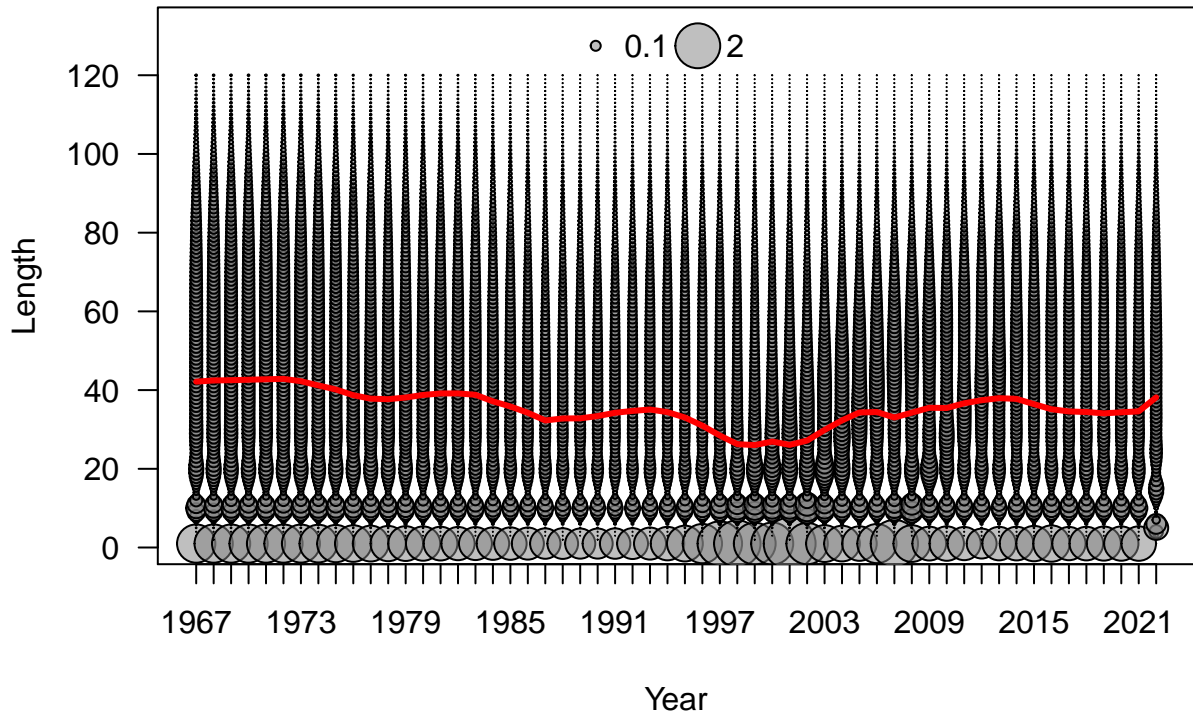


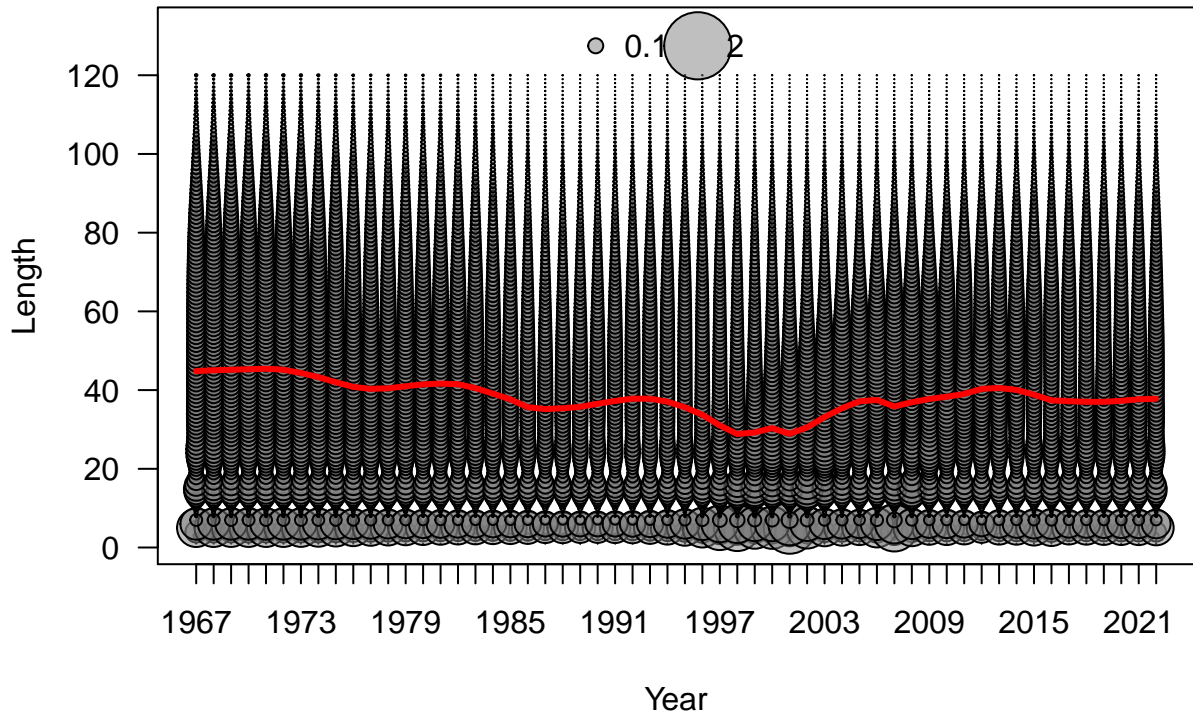


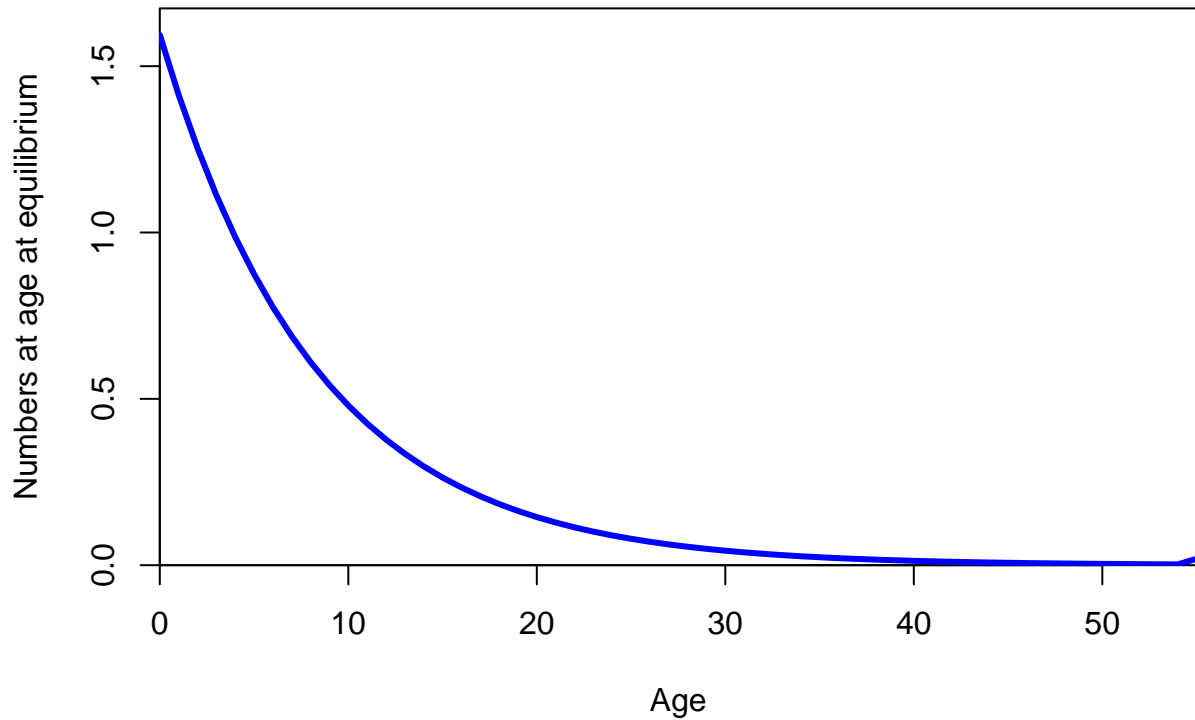






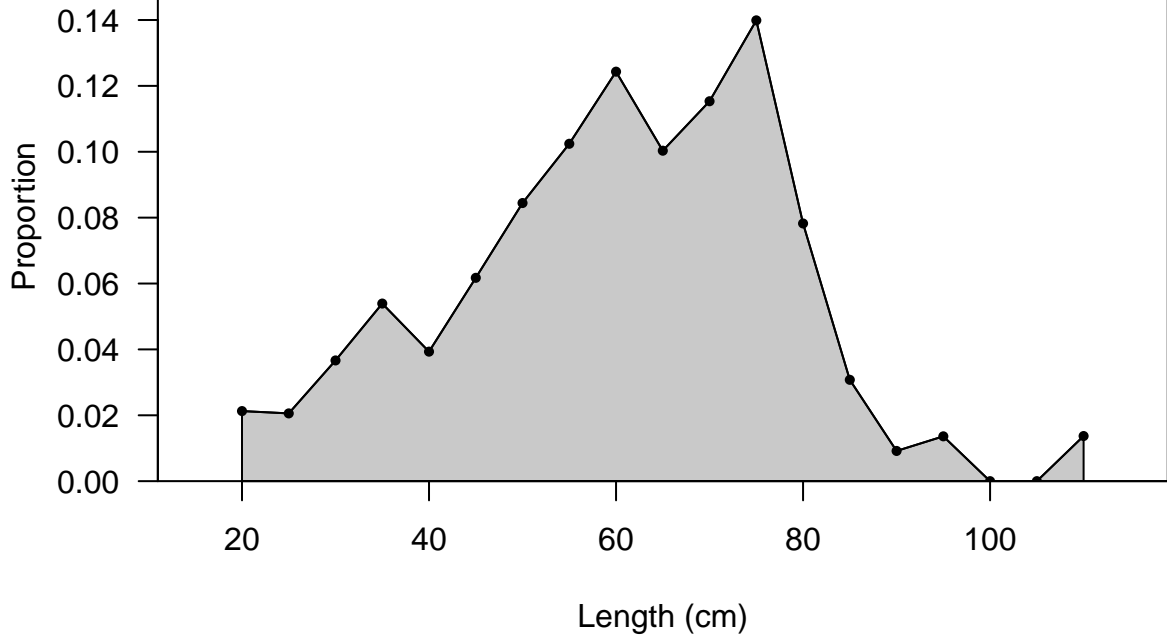






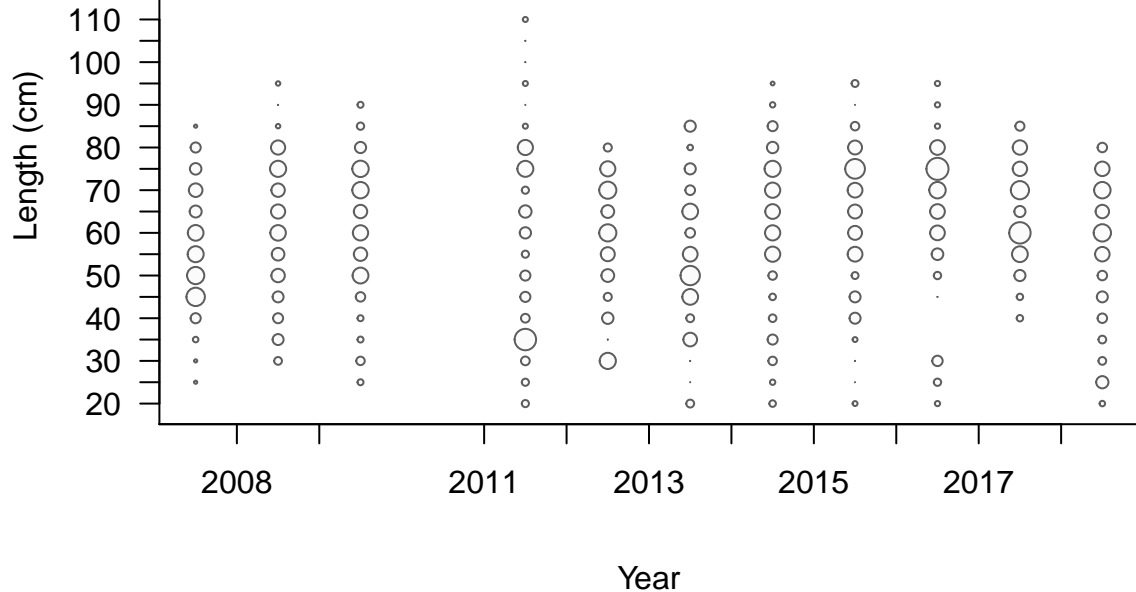
# FISHERY

Sum of N adj.=285

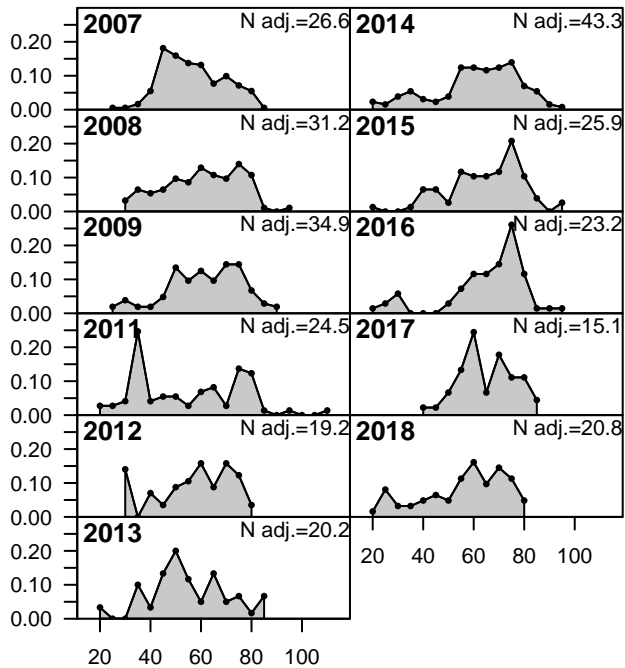


# FISHERY

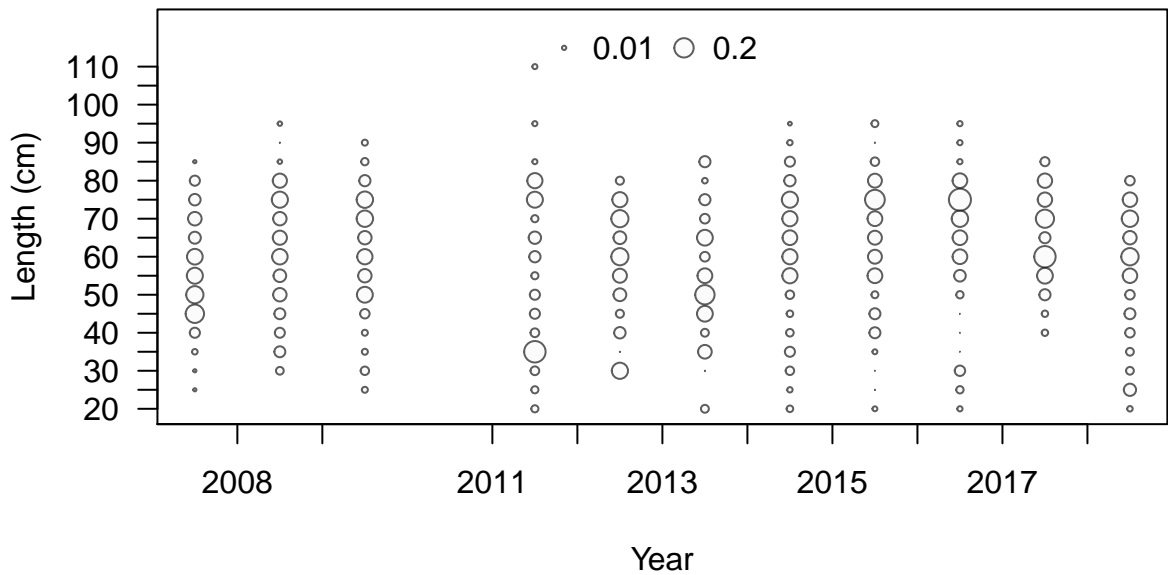
◦ 0.01 ○ 0.2



Proportion

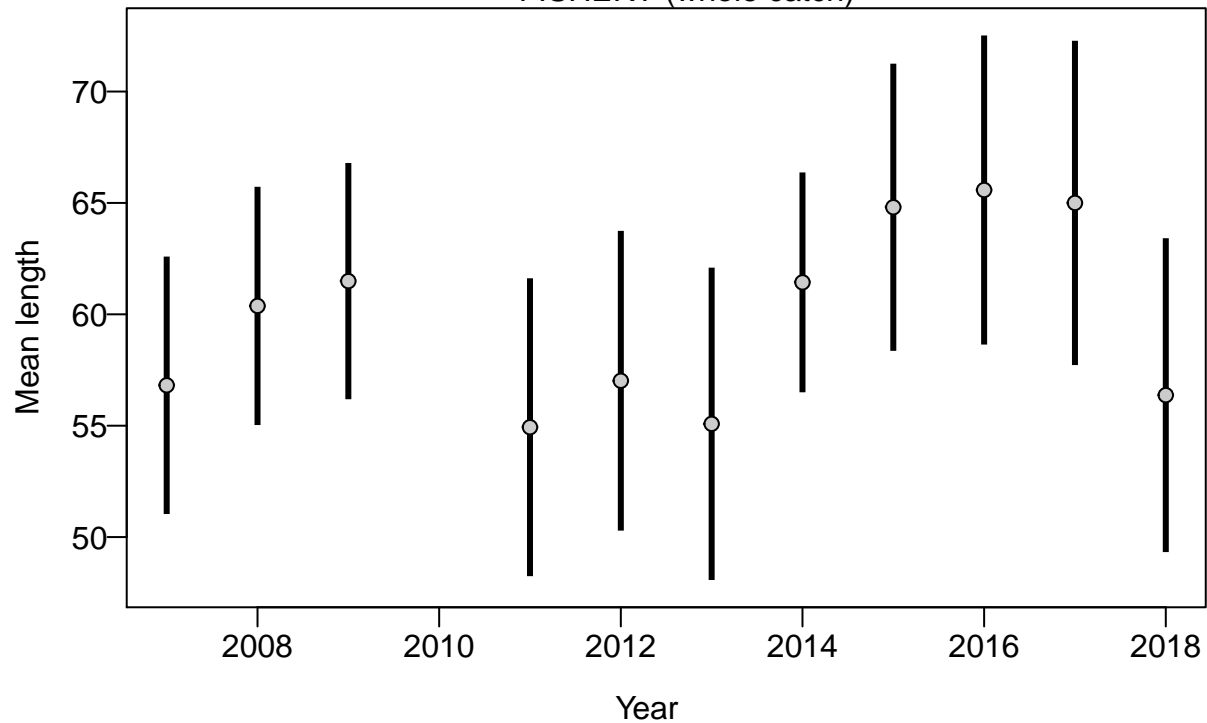


Length (cm)



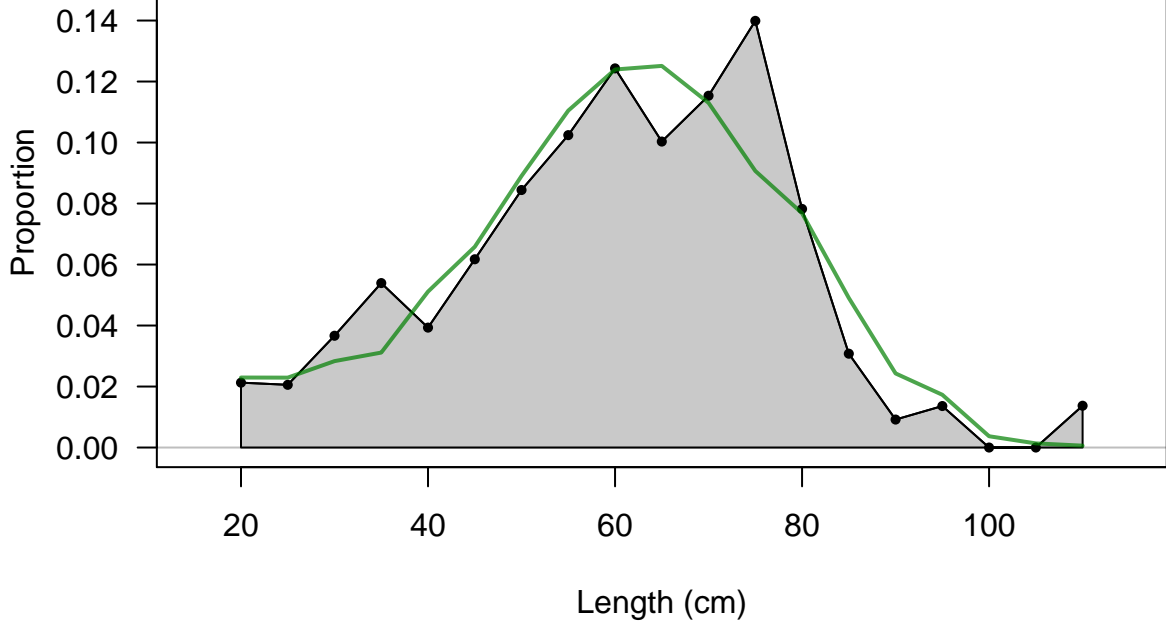


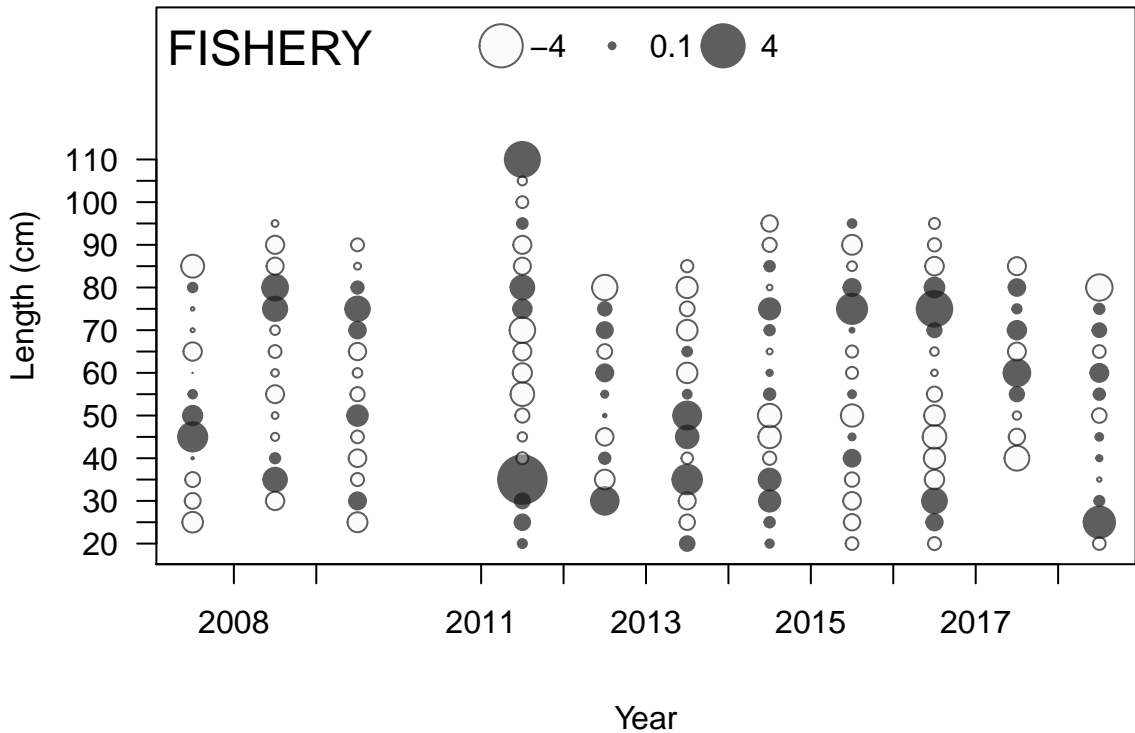
FISHERY (whole catch)



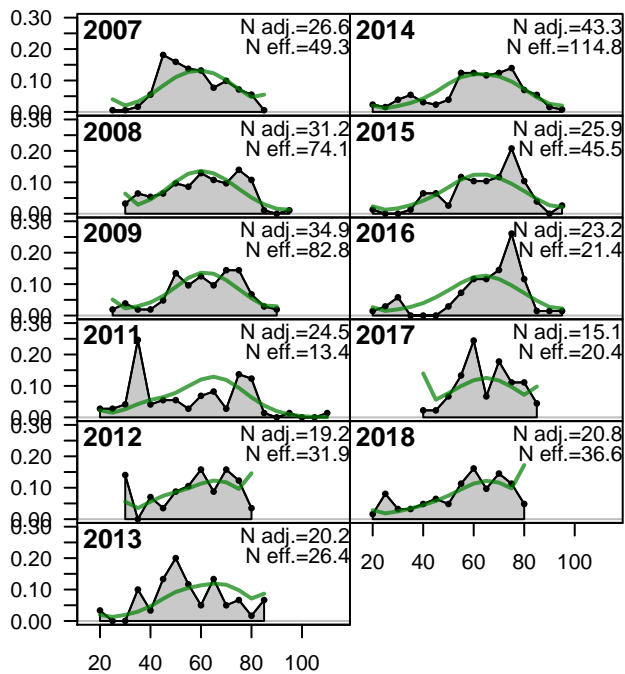
# FISHERY

Sum of N adj.=285  
Sum of N eff.=516.8

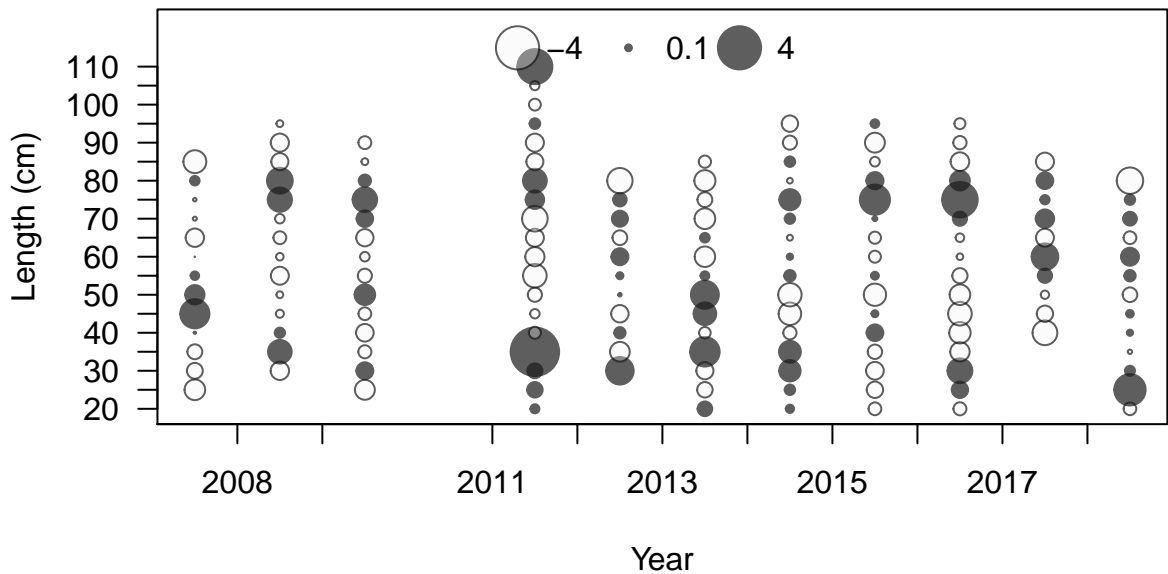




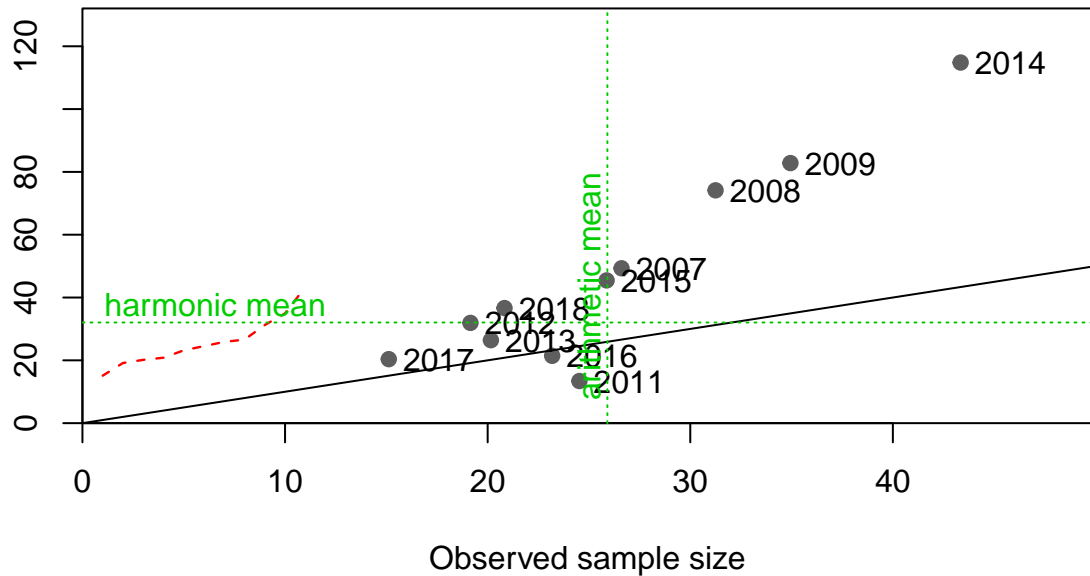
Proportion



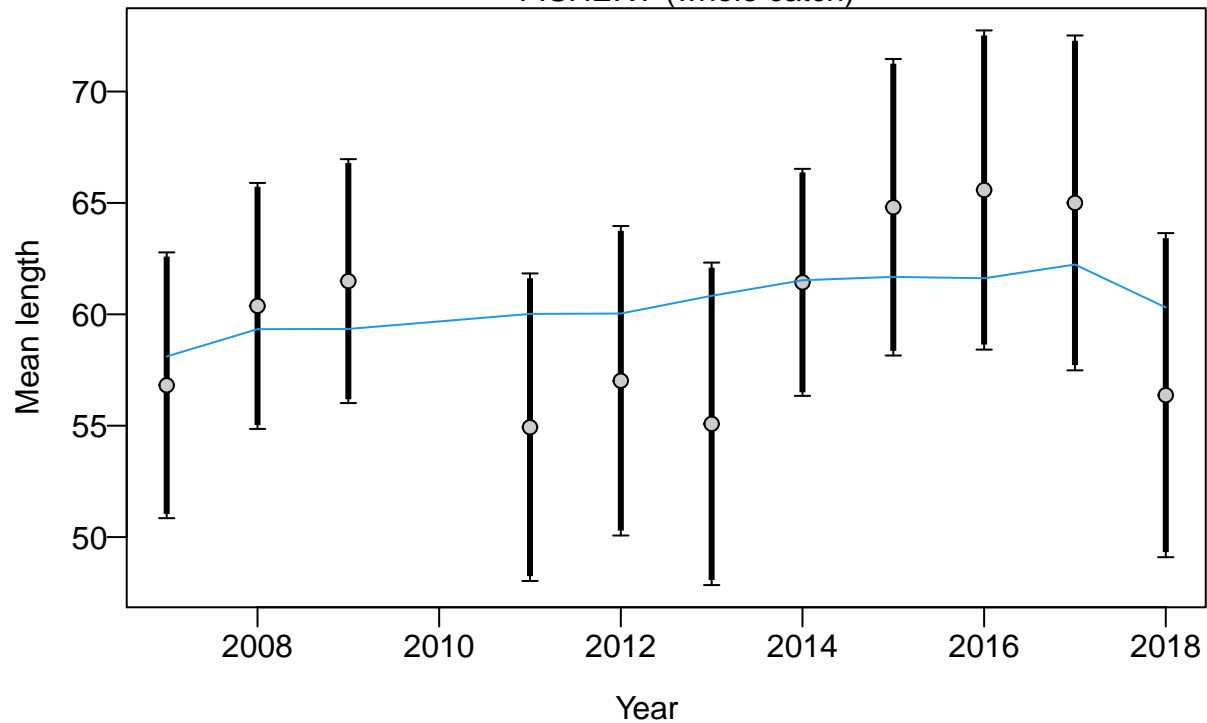
Length (cm)

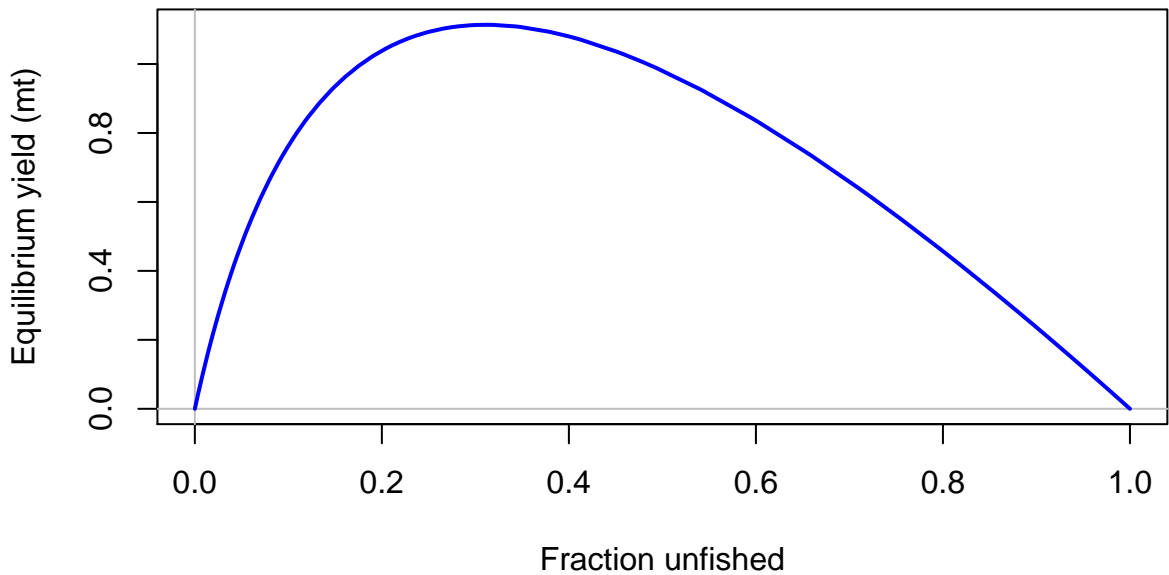


Effective sample size

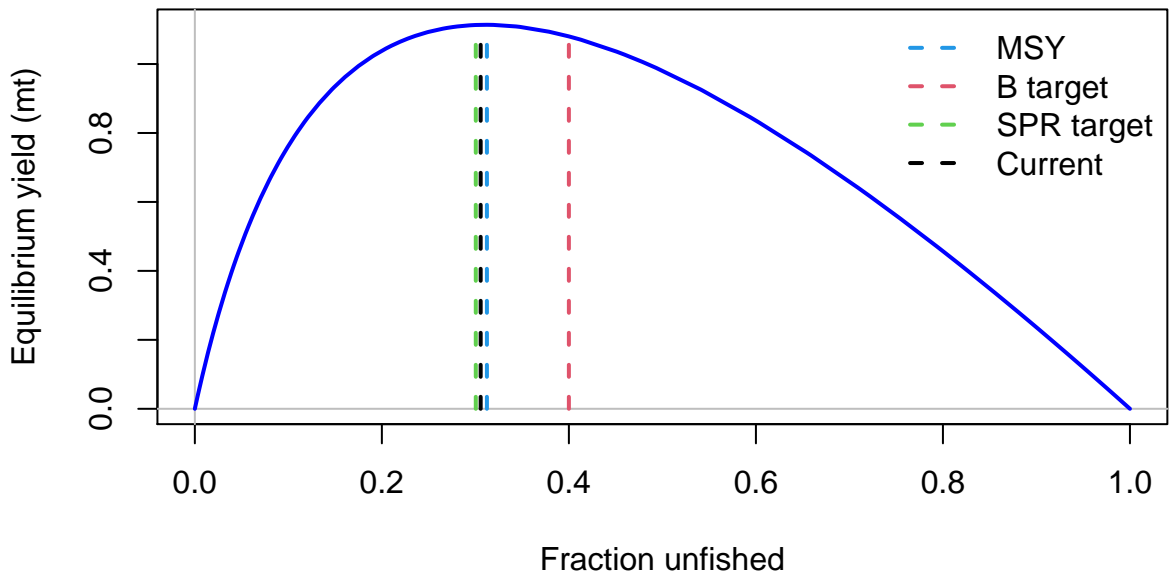


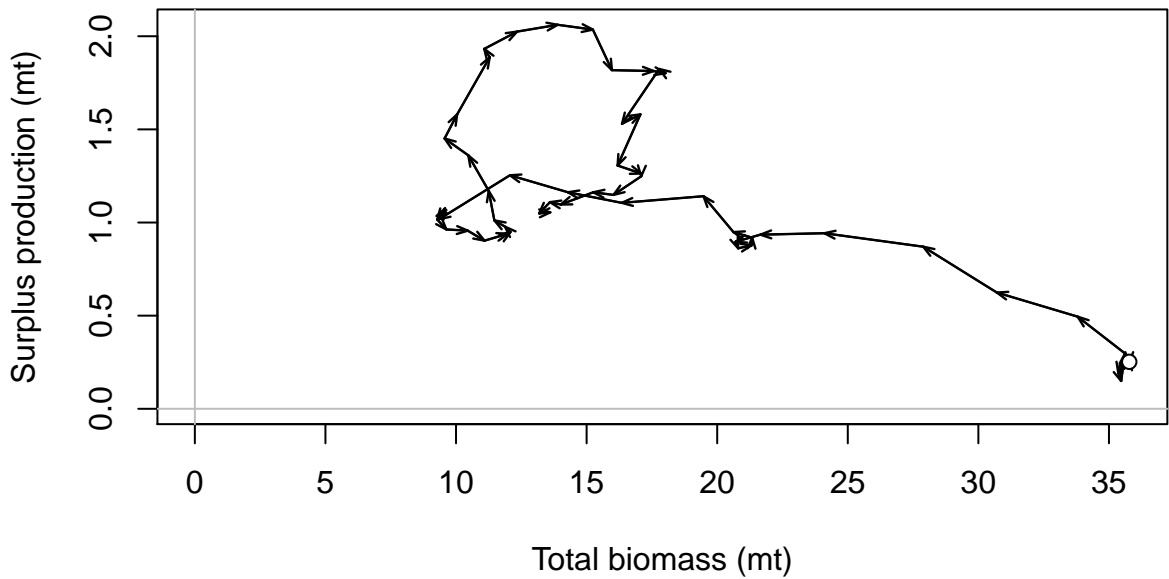
FISHERY (whole catch)

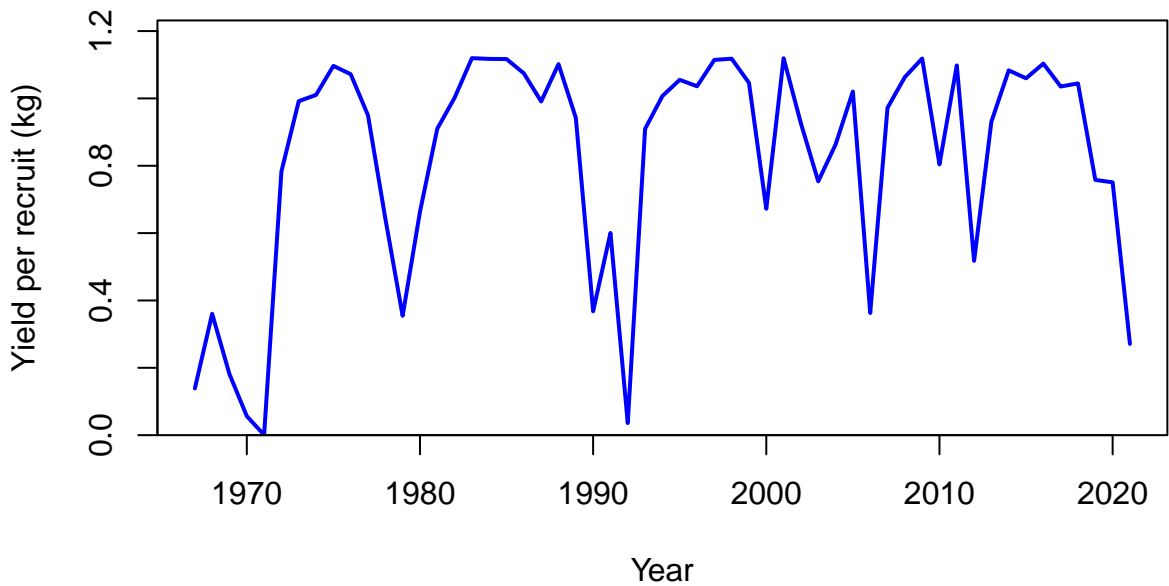


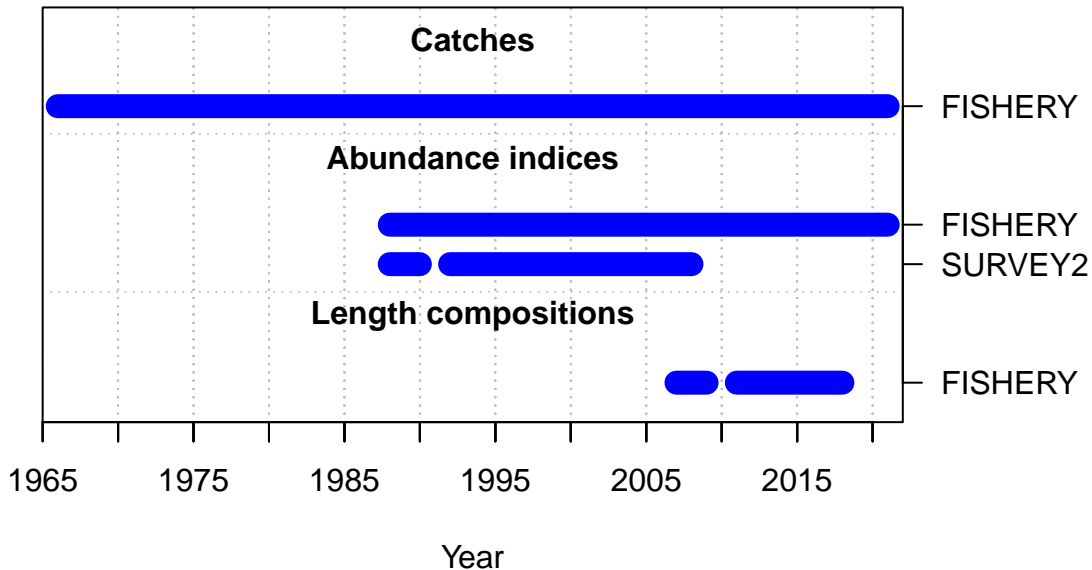


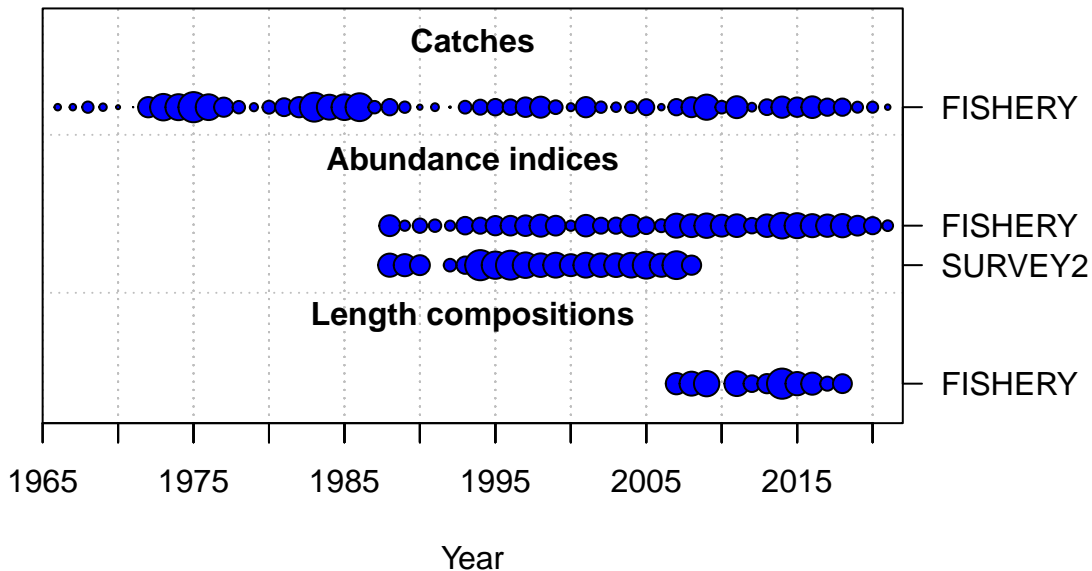






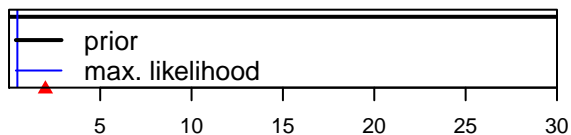




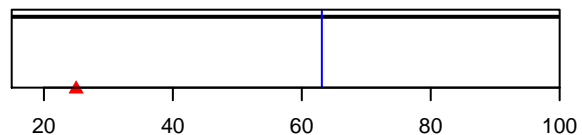


Density

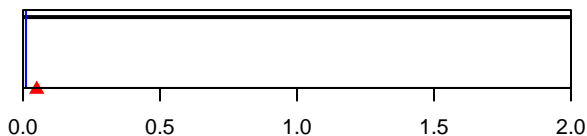
SR\_LN(R0)



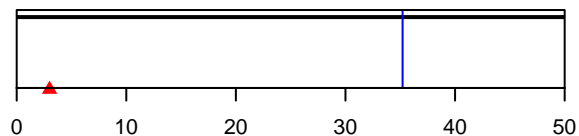
Size\_inflection\_FISHERY(1)



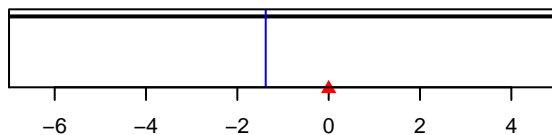
InitF\_seas\_1\_flt\_1FISHERY



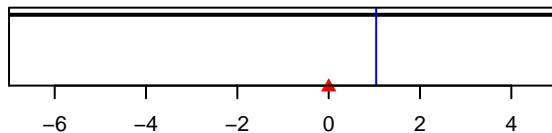
Size\_95%width\_FISHERY(1)



LnQ\_base\_FISHERY(1)



LnQ\_base\_SURVEY2(2)



Parameter value