

Plots created using the 'r4ss' package in R

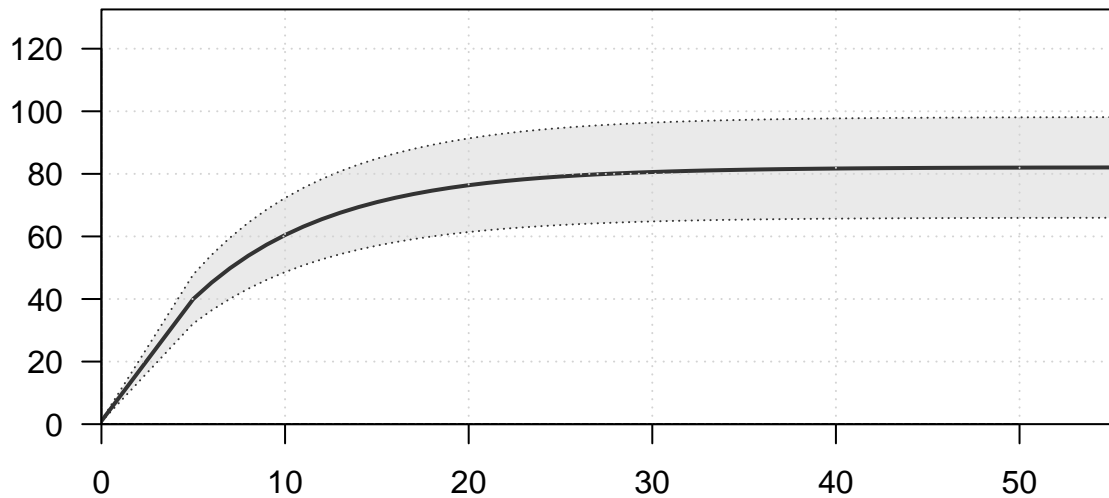
Stock Synthesis version: 3.30.19.0

StartTime: Mon Jun 20 12:30:39 2022

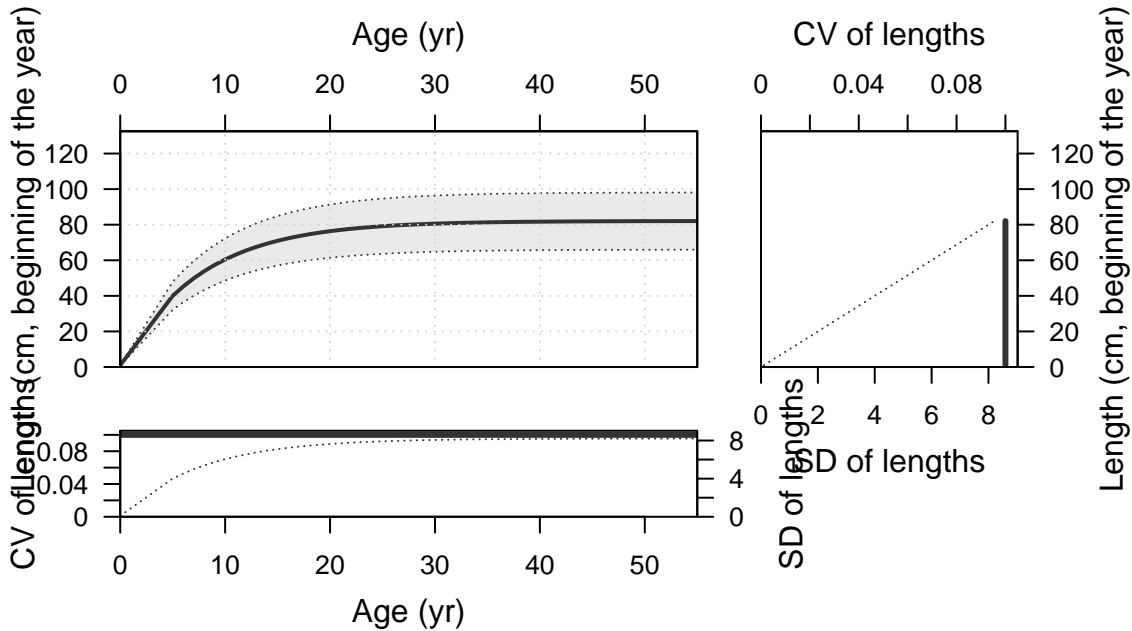
Data_File: data.ss

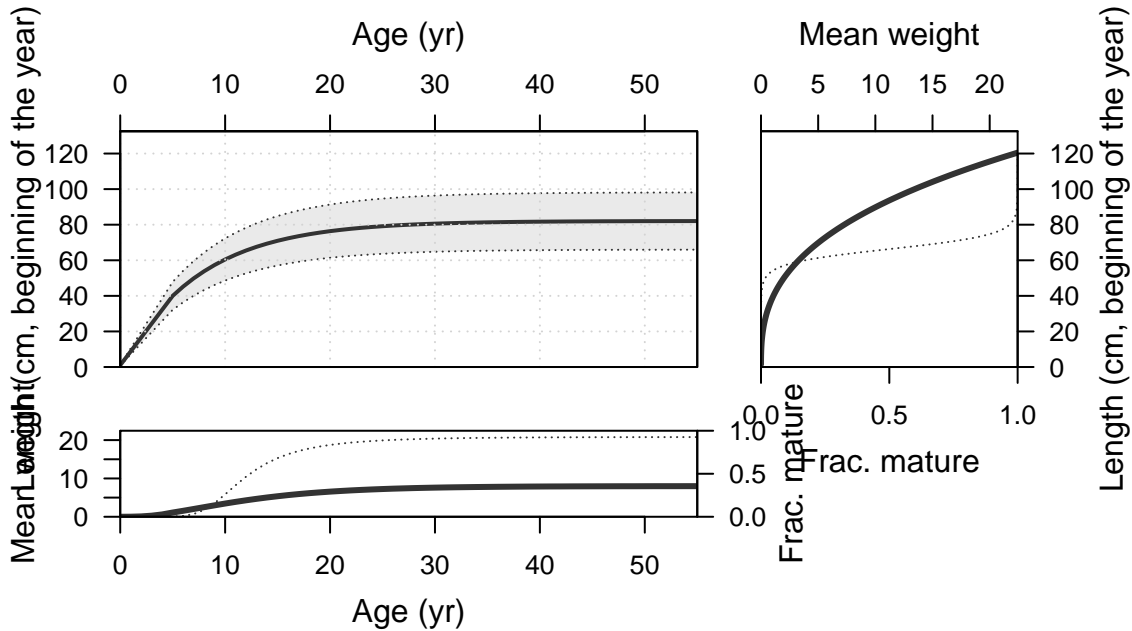
Control_File: control.ss

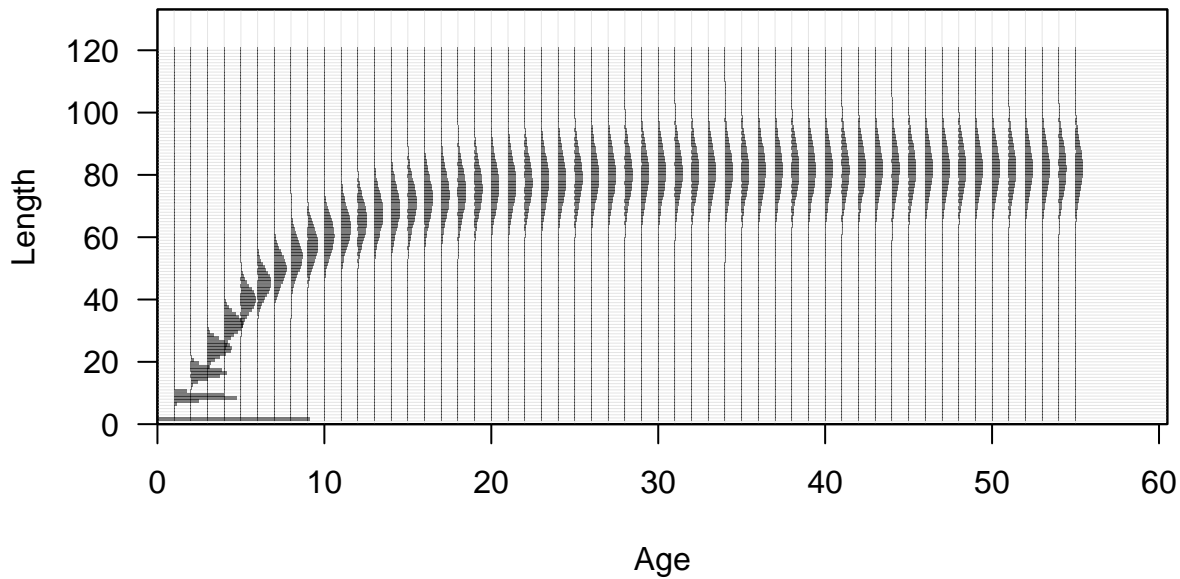
Length (cm, beginning of the year)

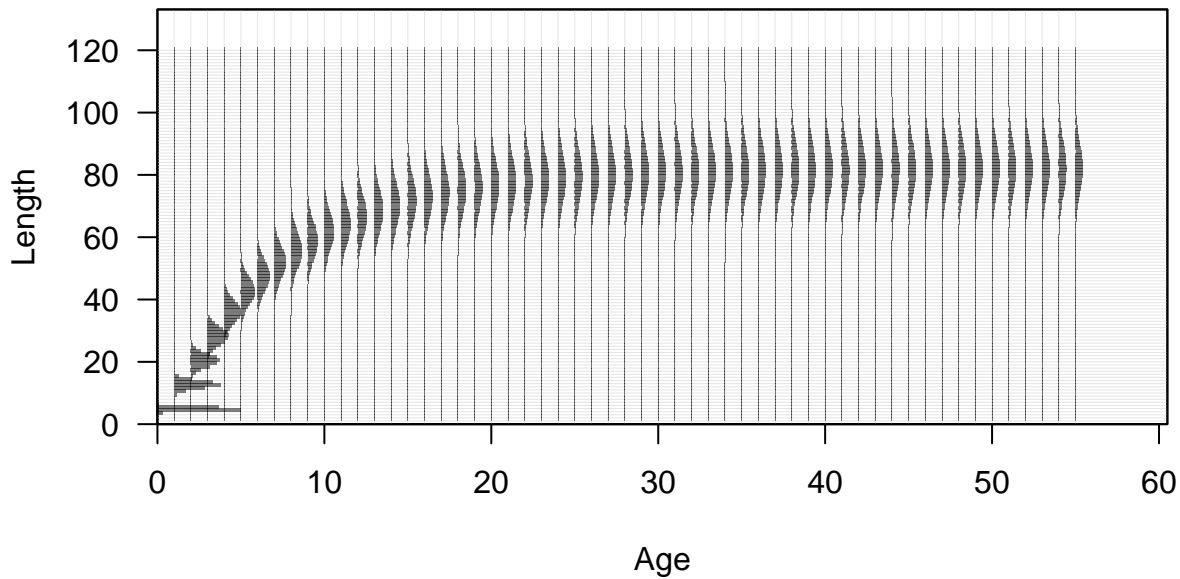


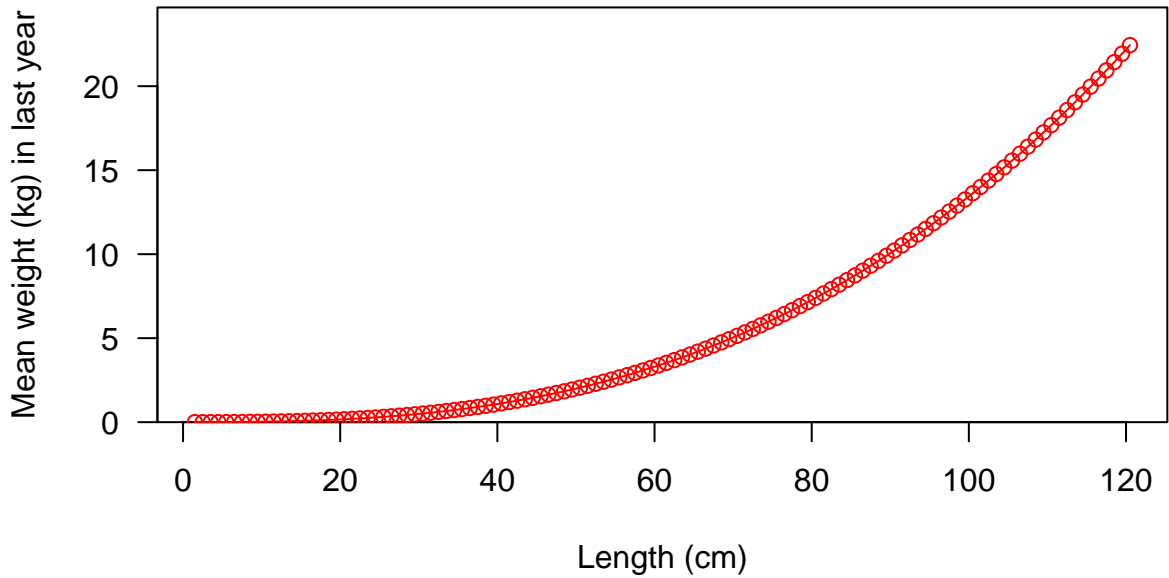
Age (yr)

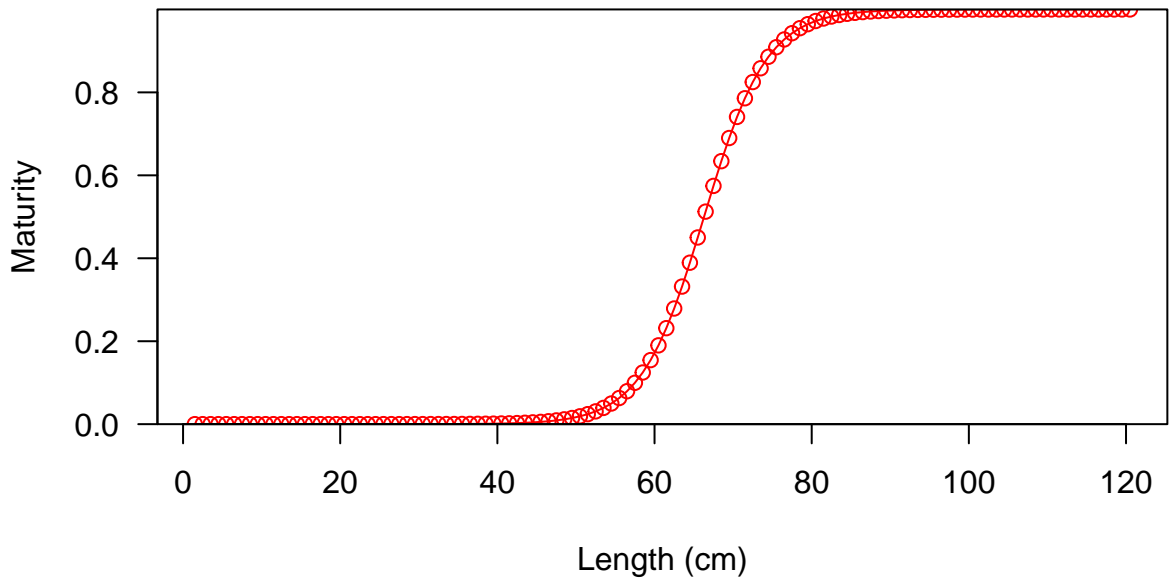


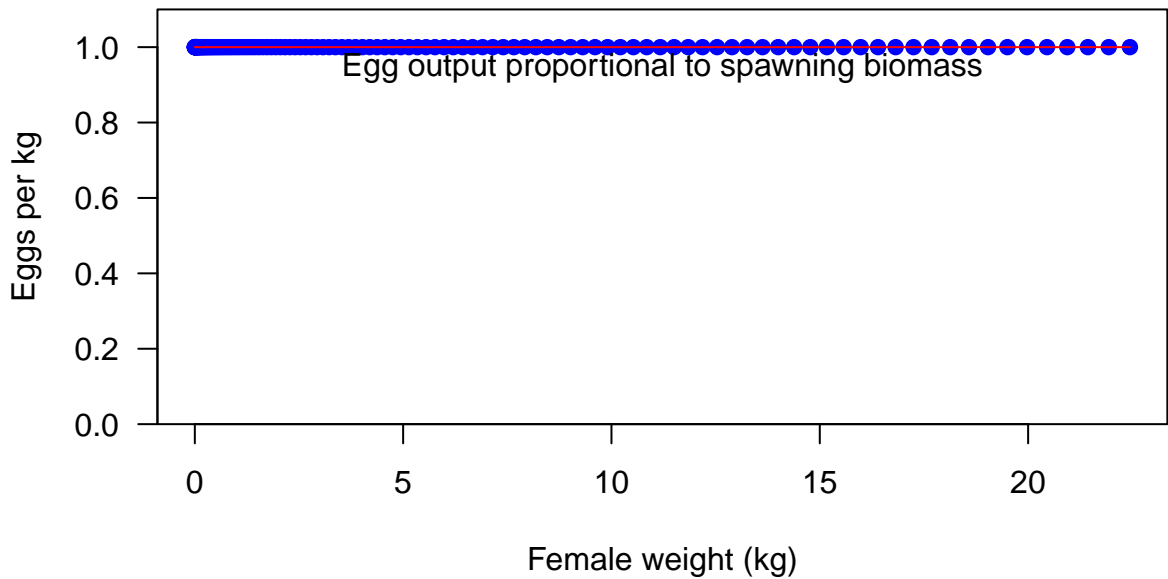


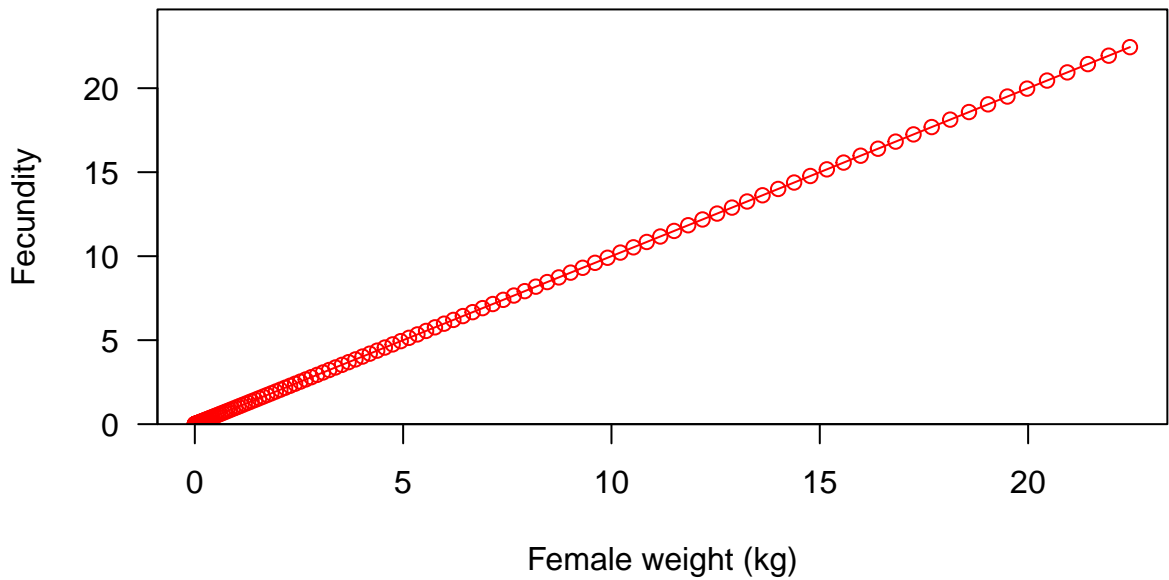




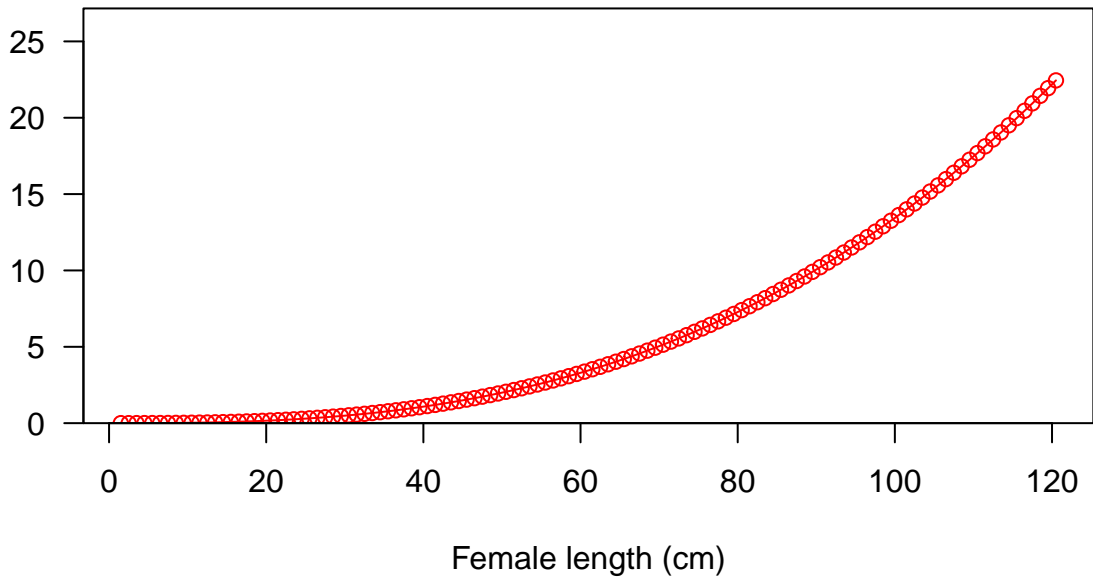


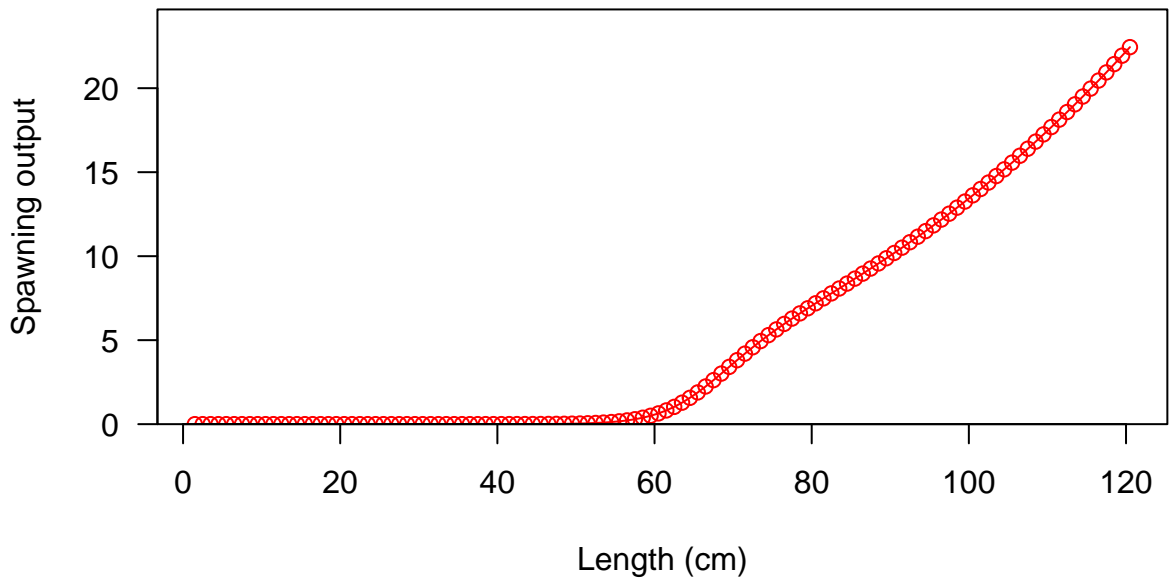




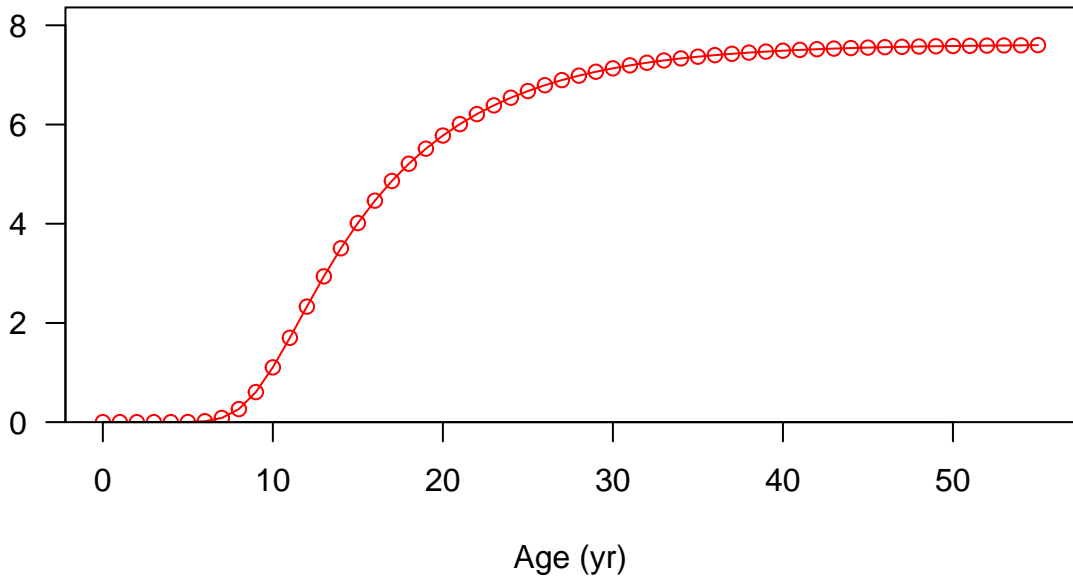


Fecundity

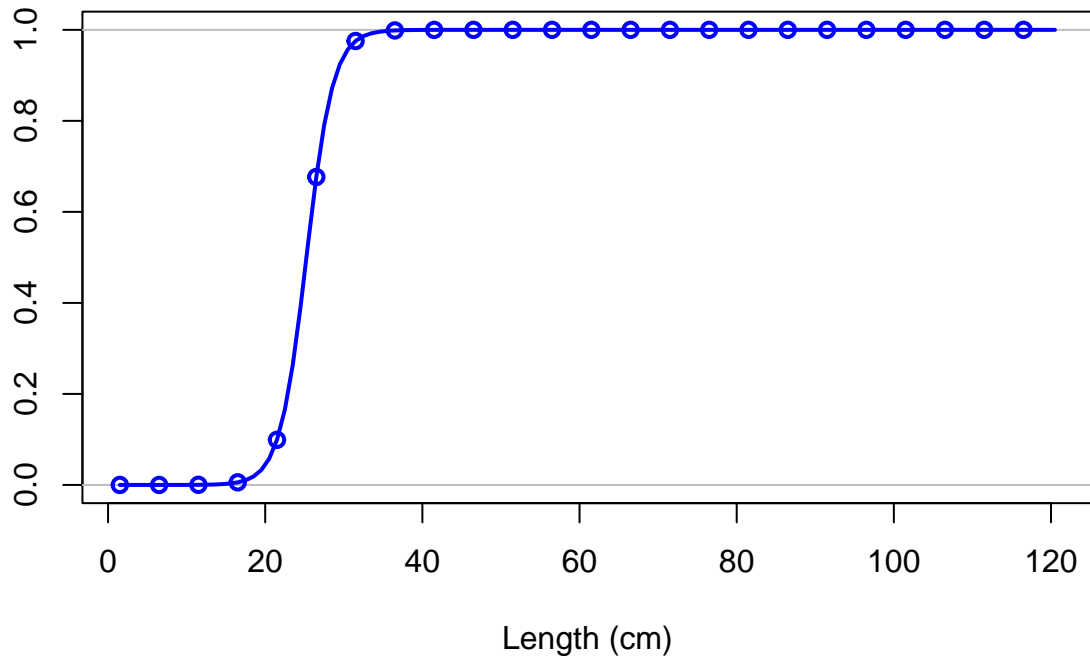




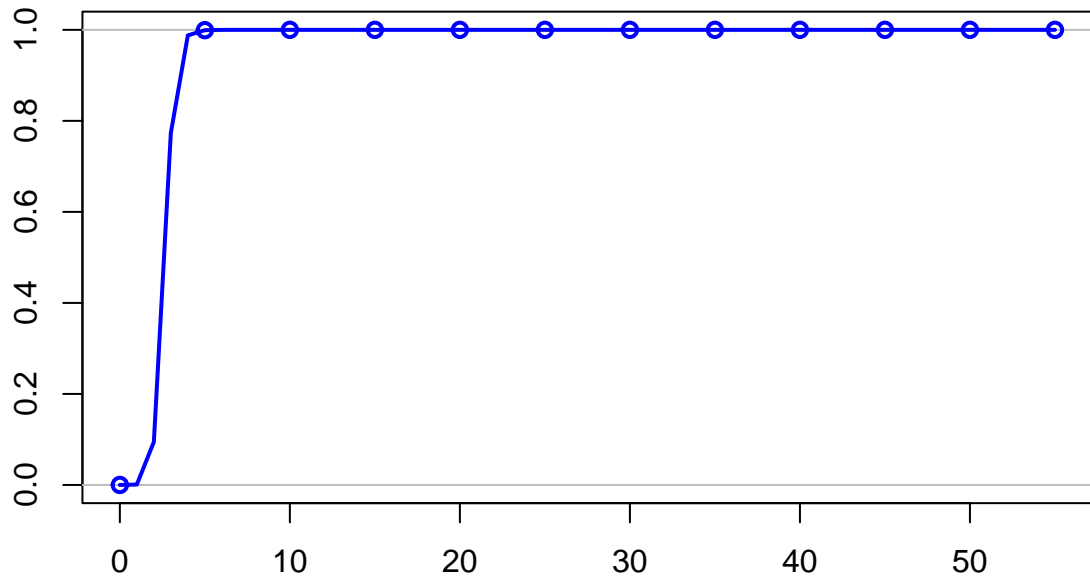
Spawning output



Selectivity

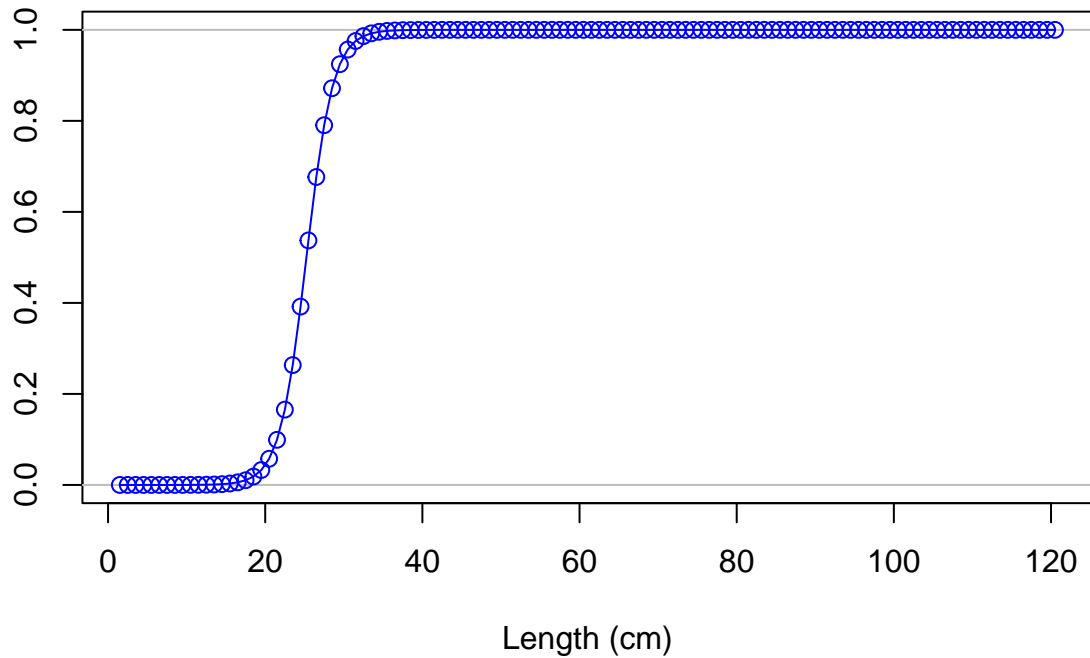


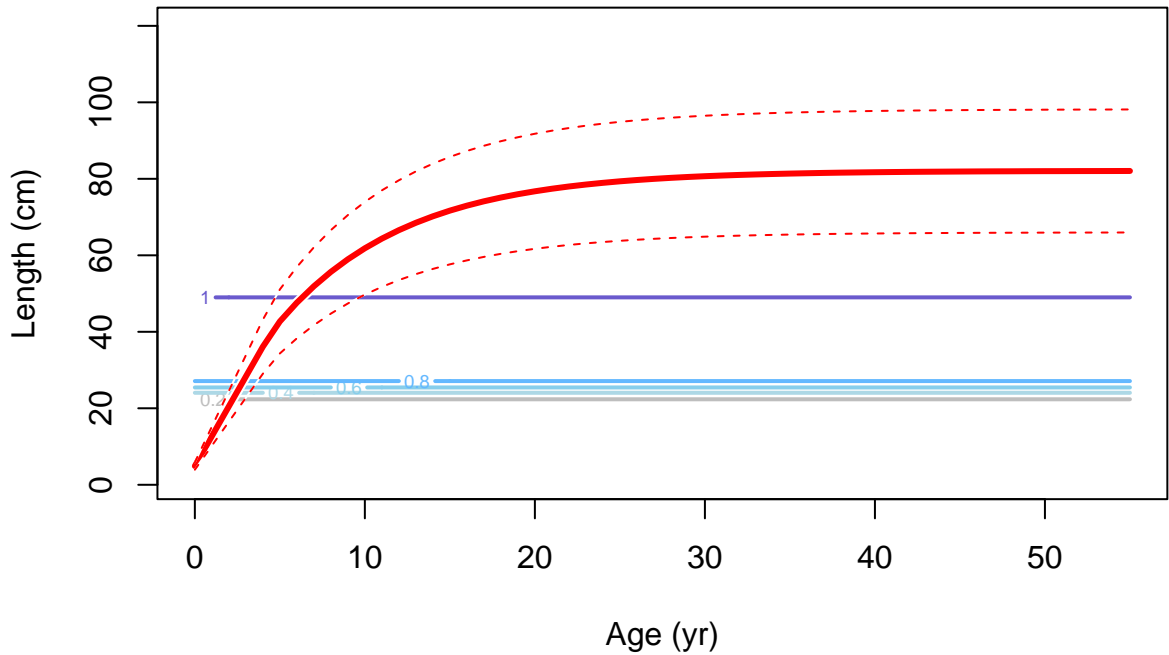
Selectivity

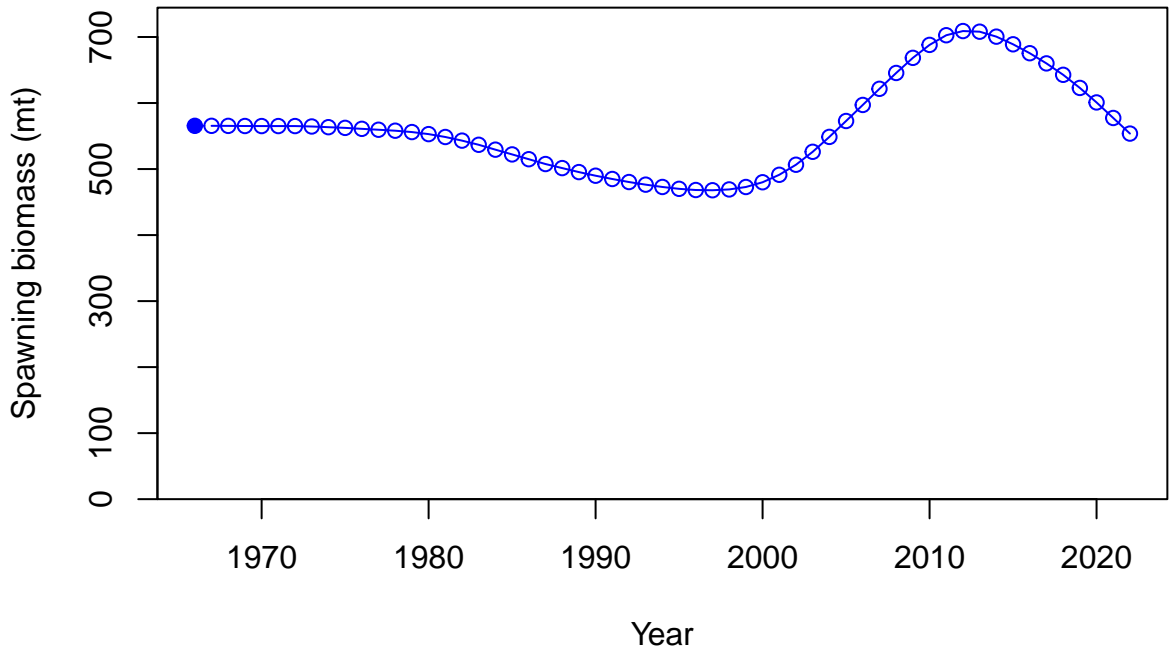


Age (yr)

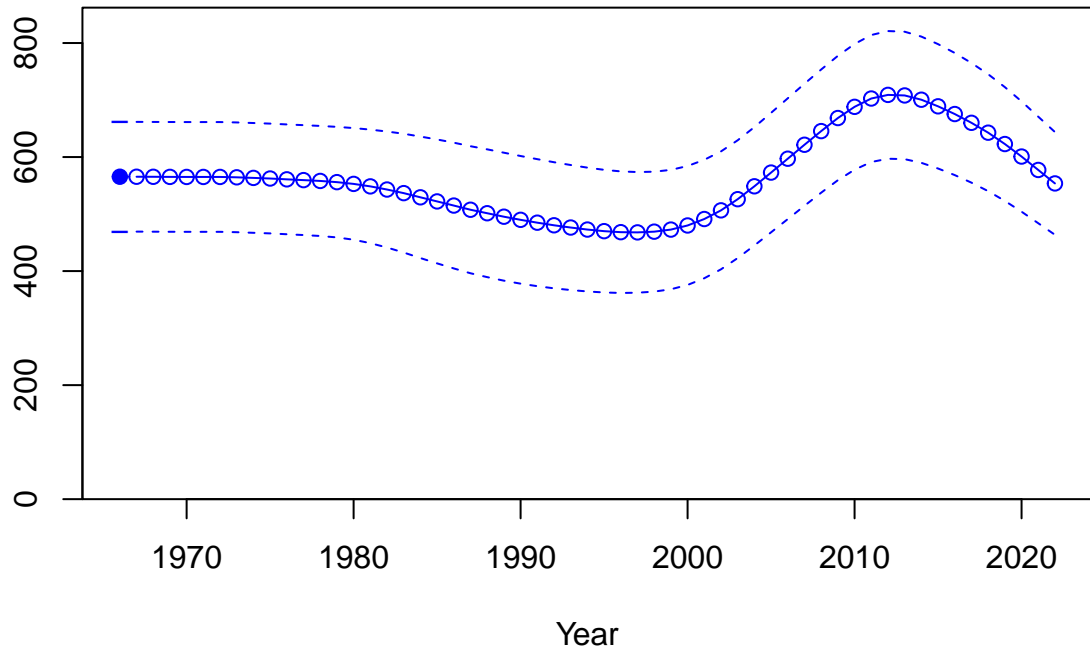
Selectivity



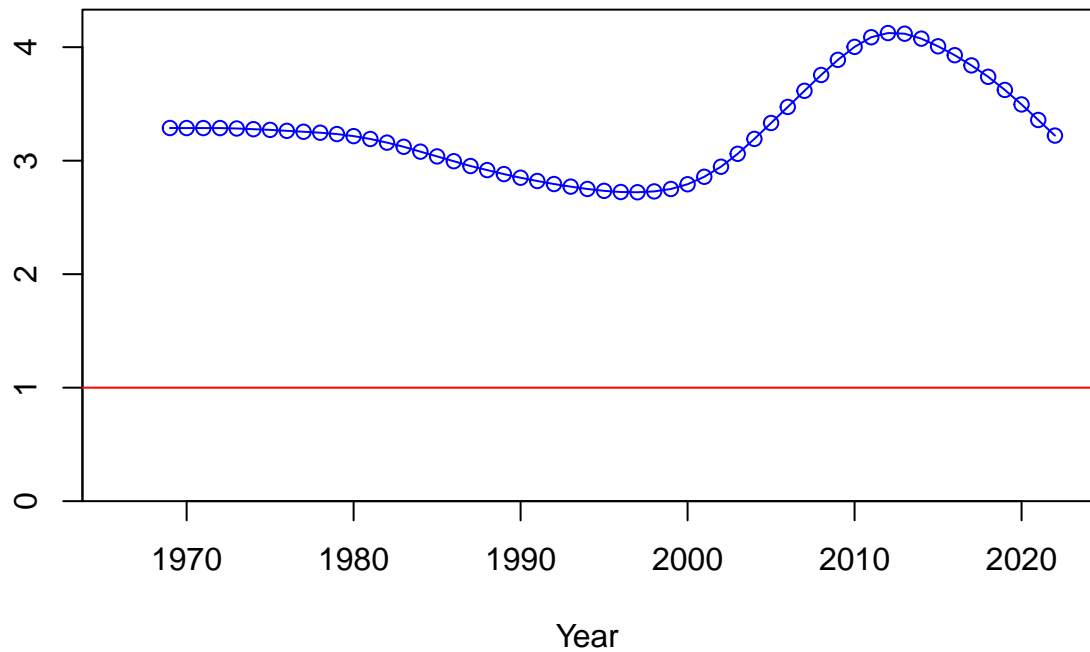




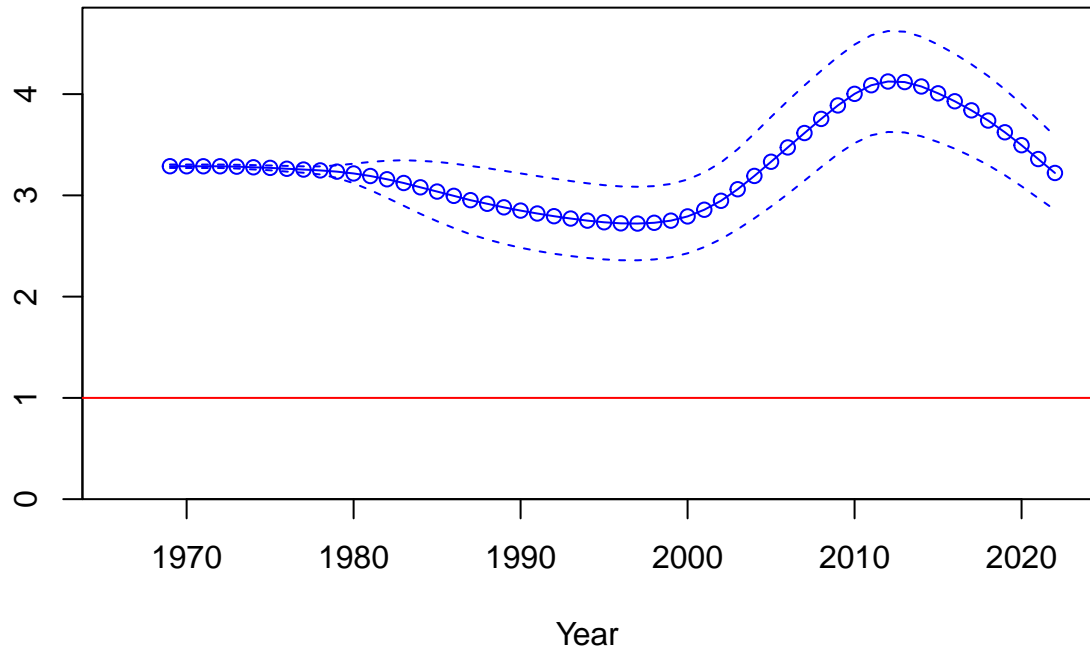
Spawning biomass (mt)

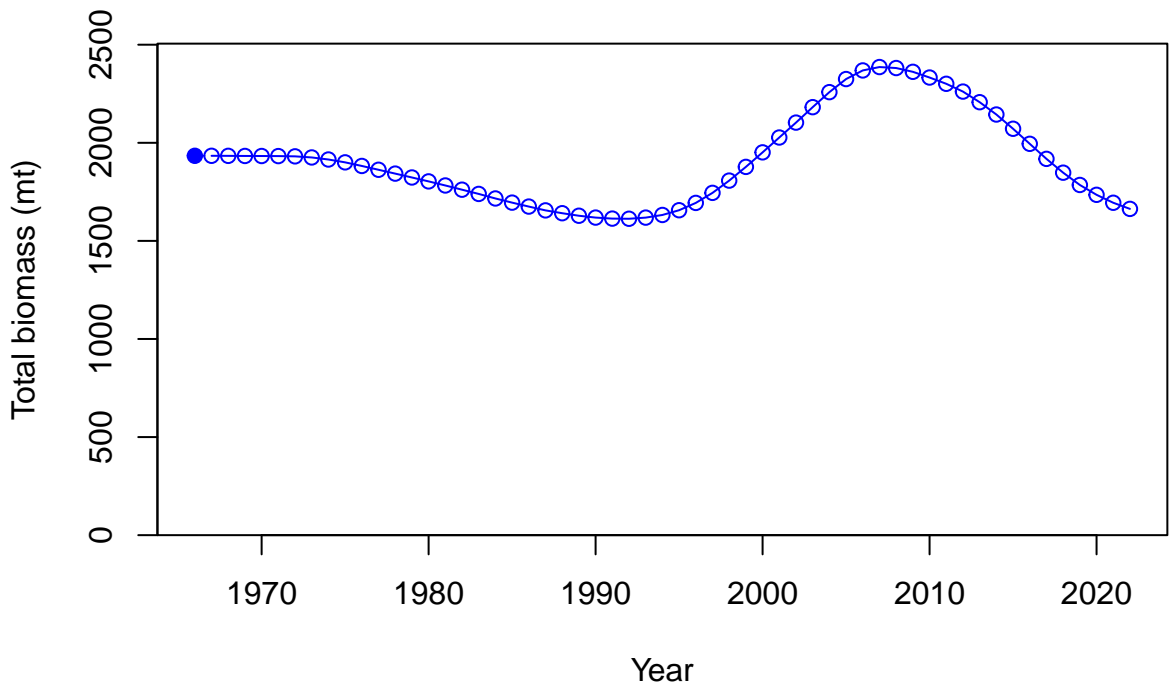


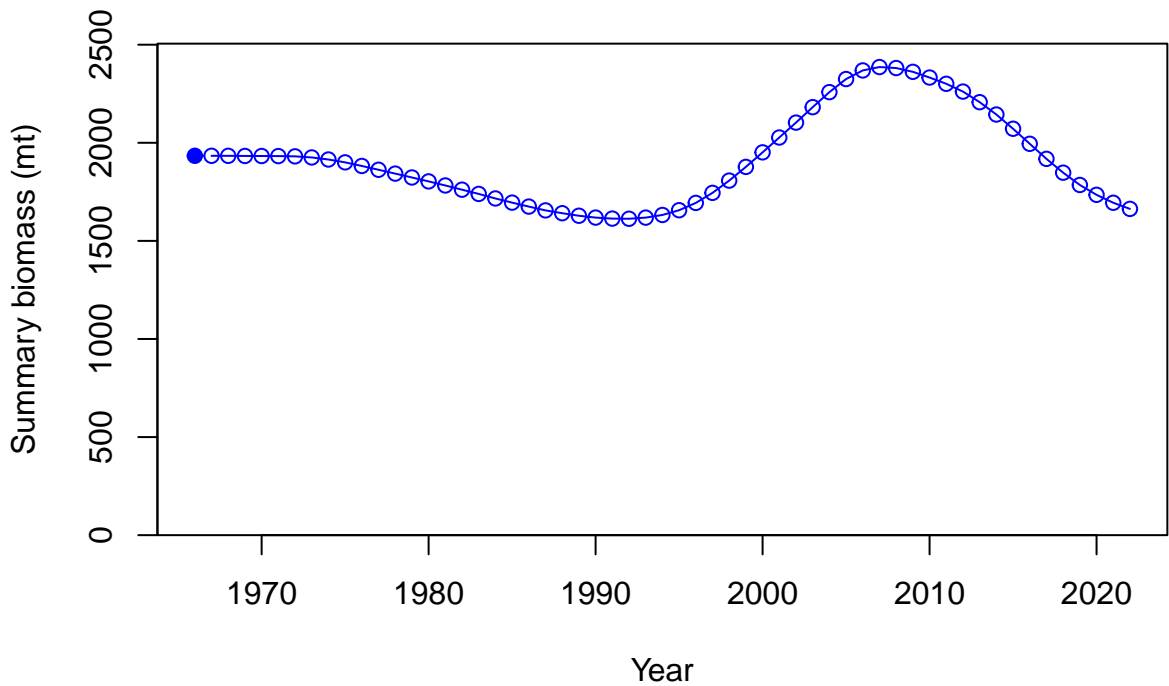
Relative spawning biomass: B/B_{MSY}



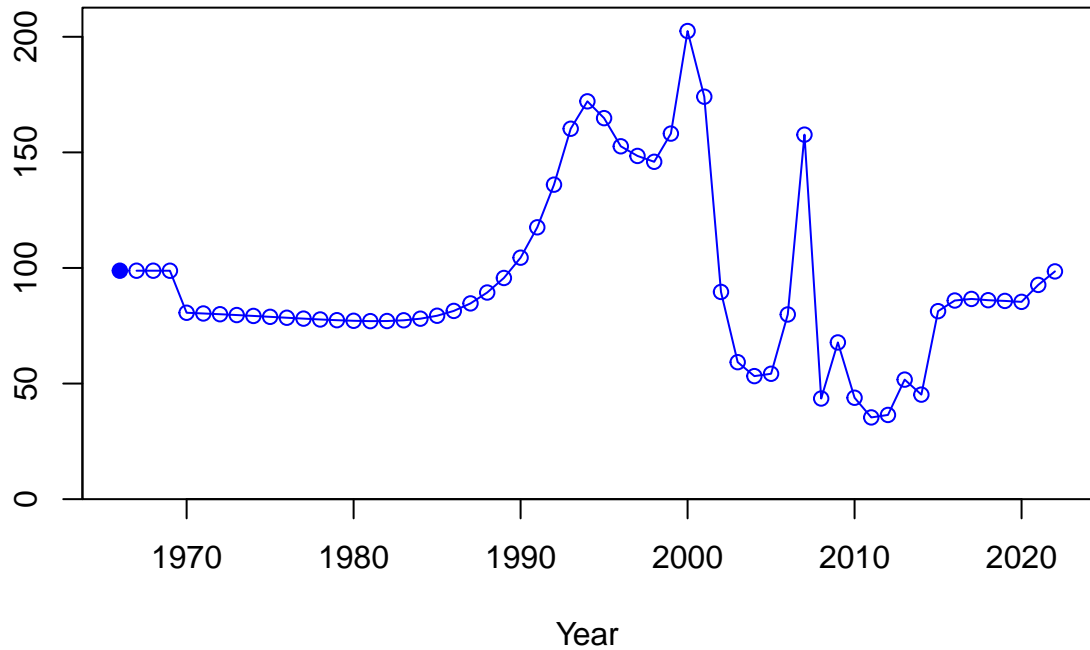
Relative spawning biomass: B/B_{MSY}



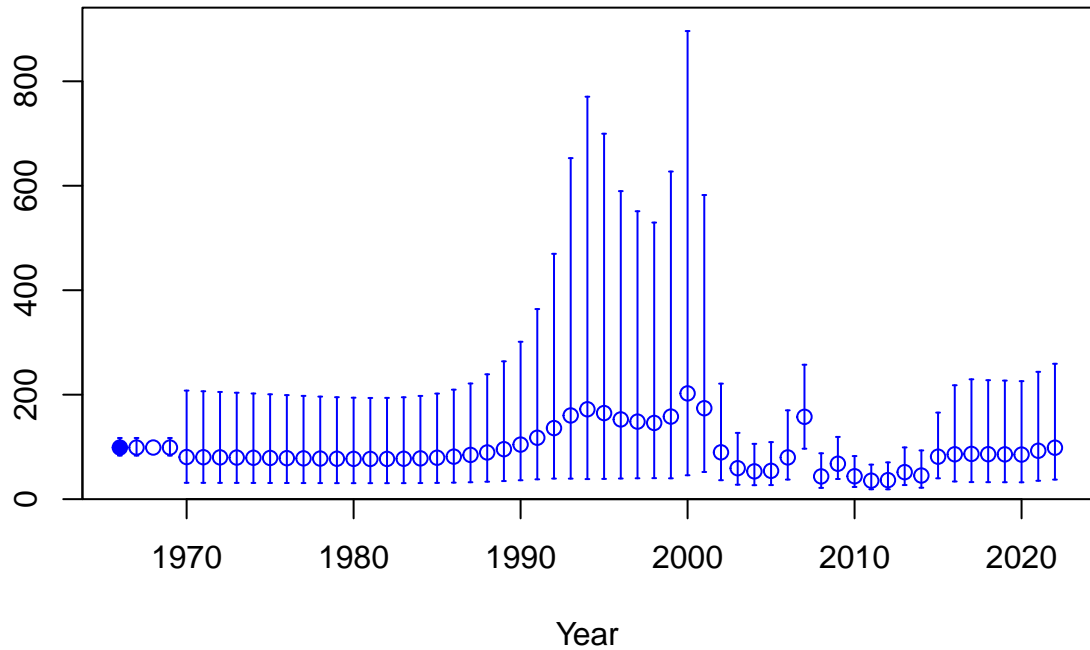




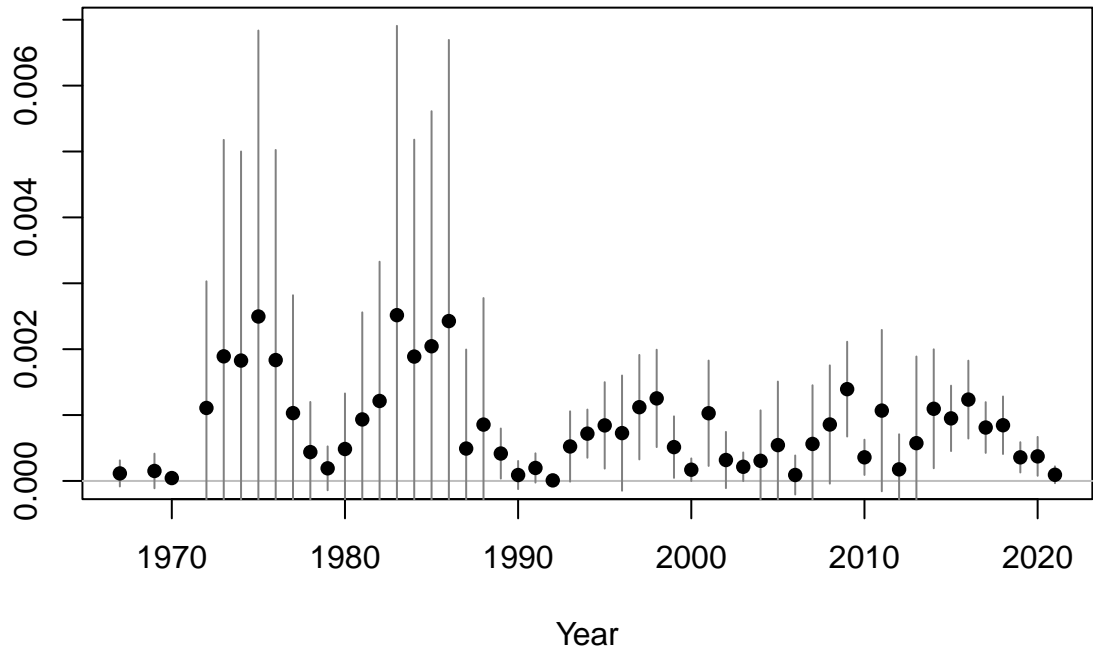
Age-0 recruits (1,000s)

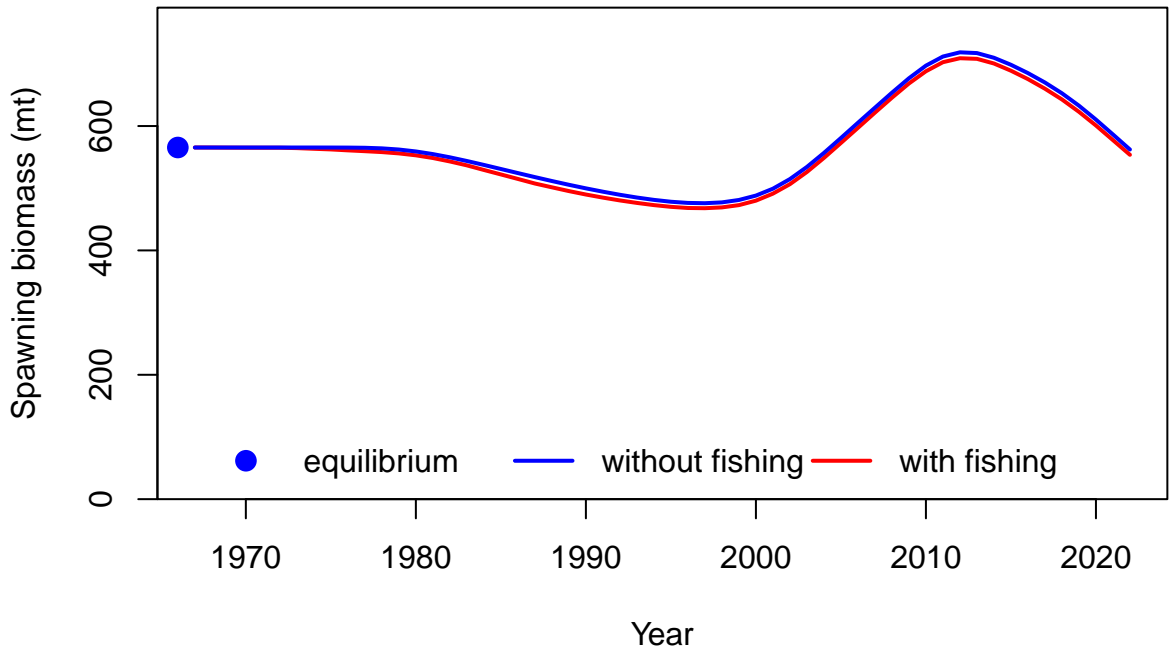


Age-0 recruits (1,000s)

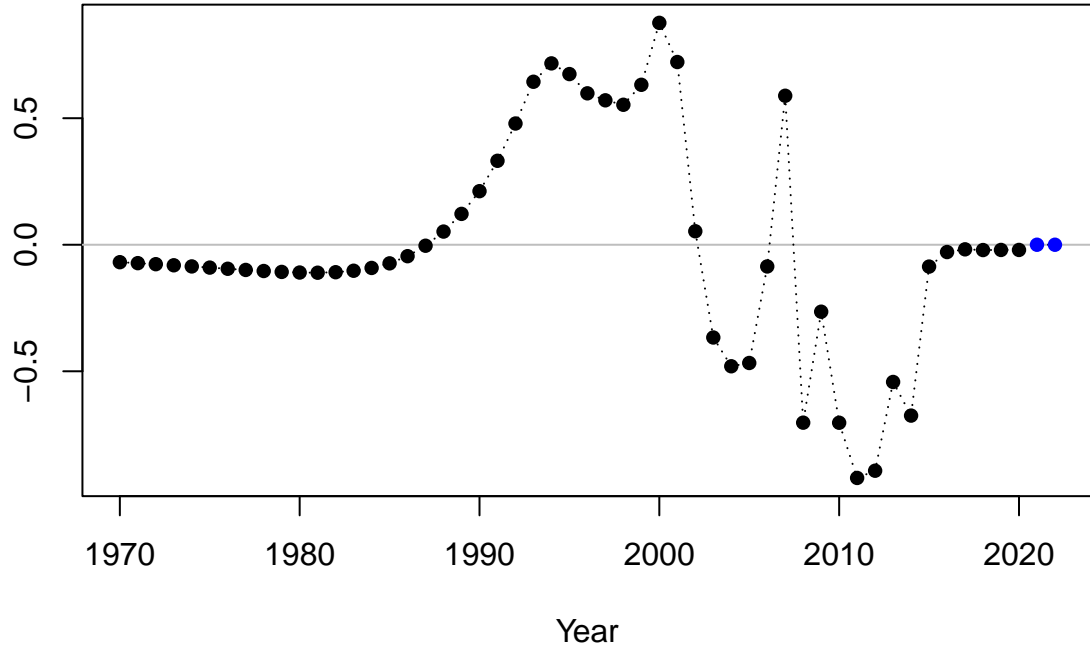


Summary Fishing Mortality

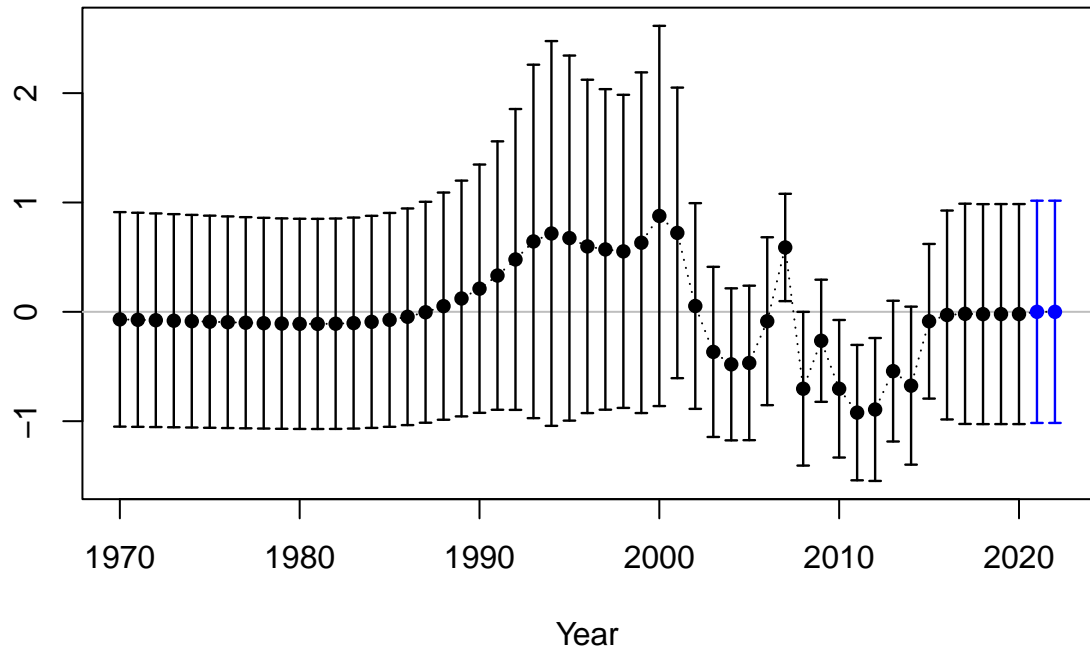




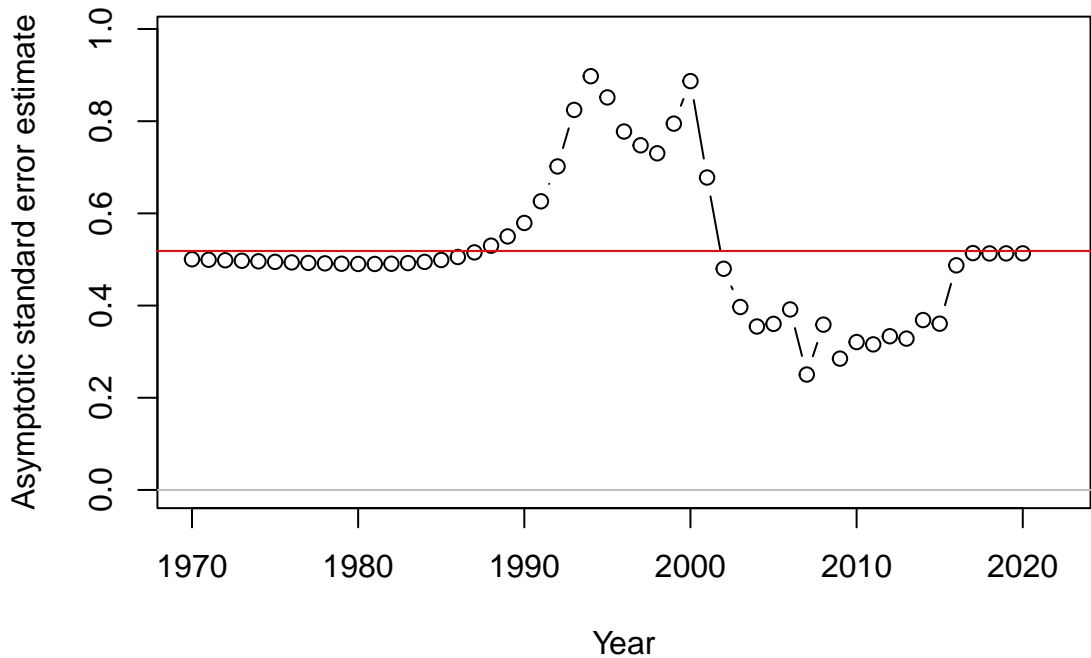
Log recruitment deviation

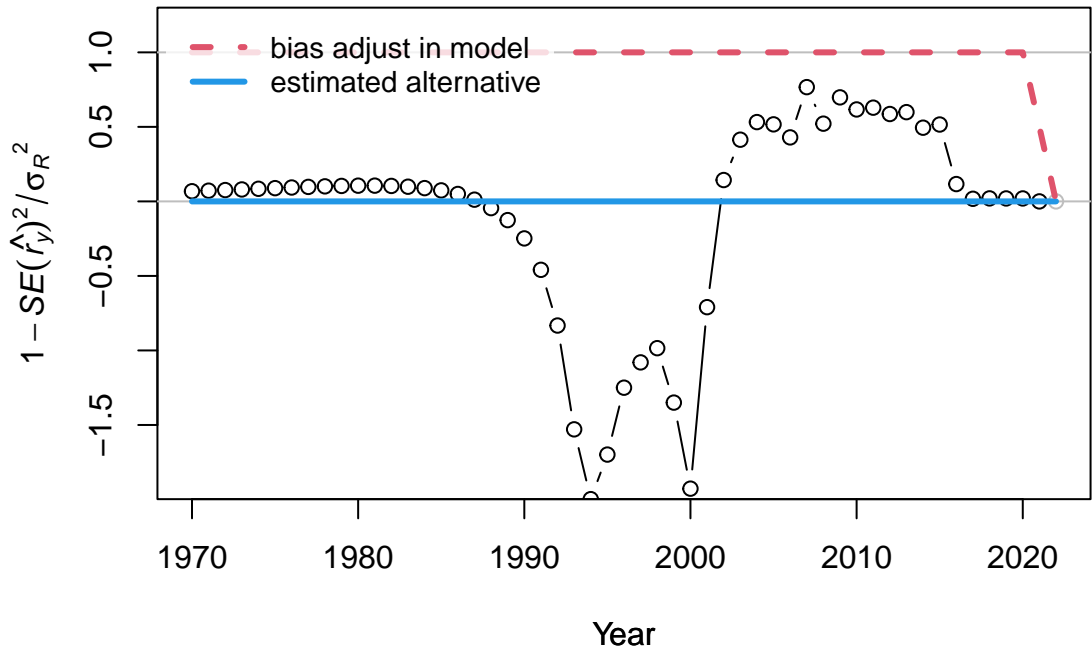


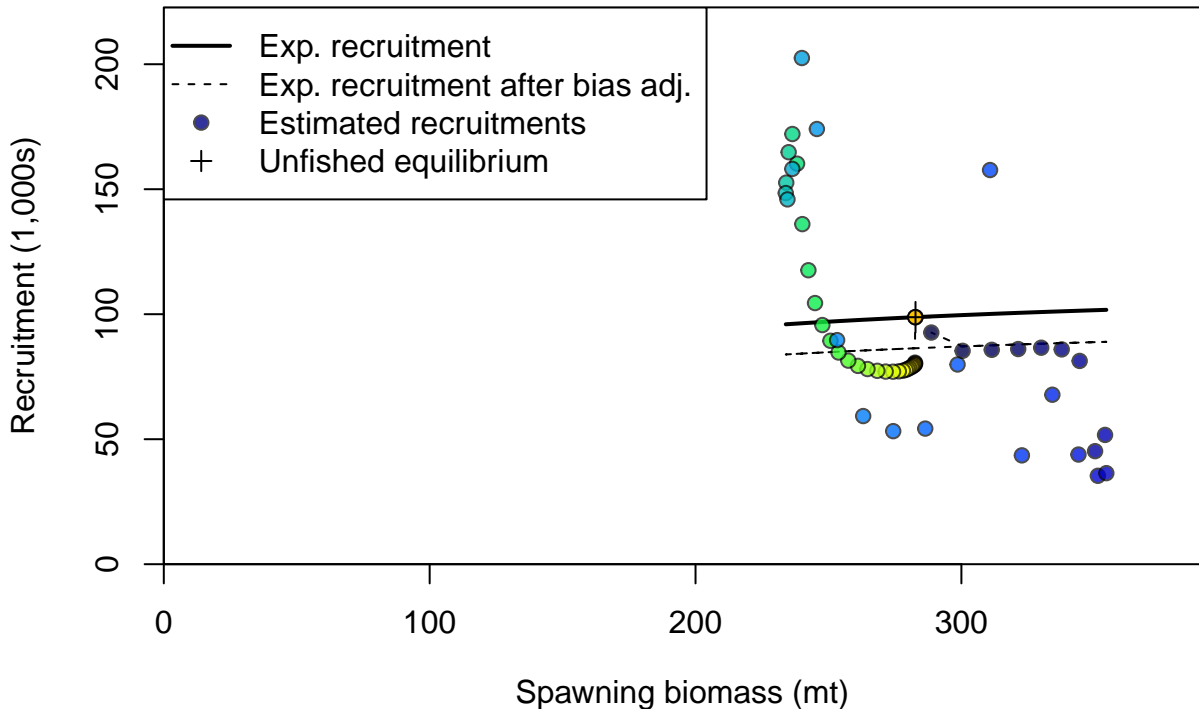
Log recruitment deviation

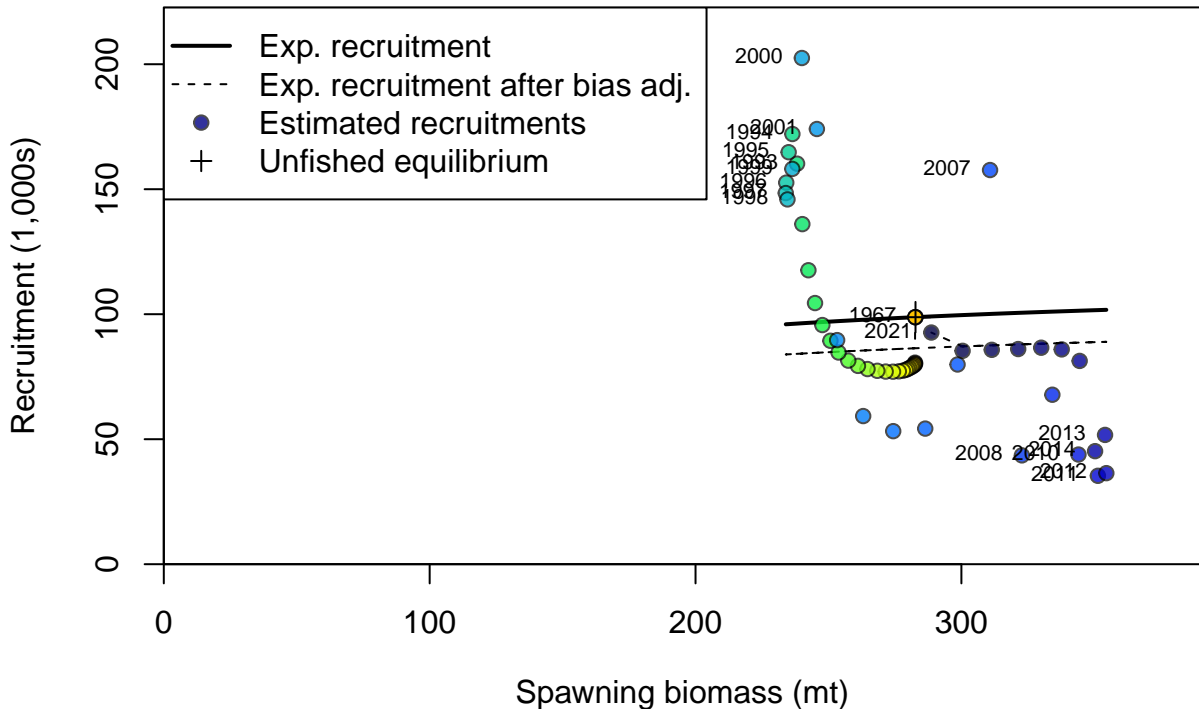


Recruitment deviation variance

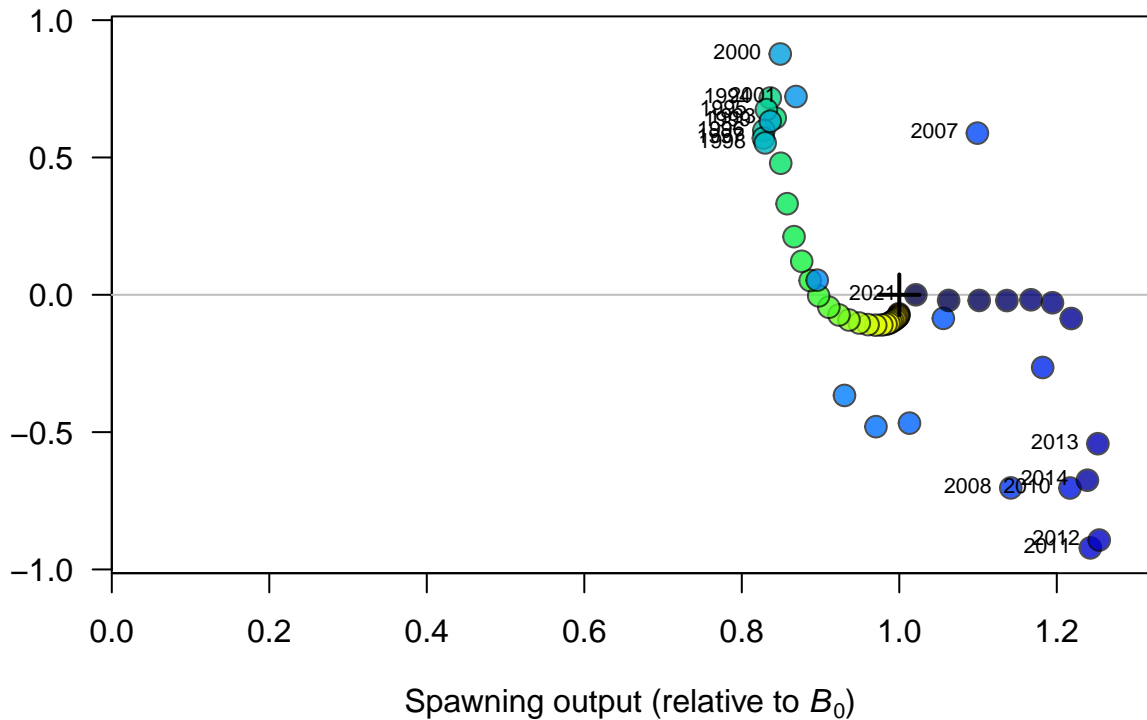


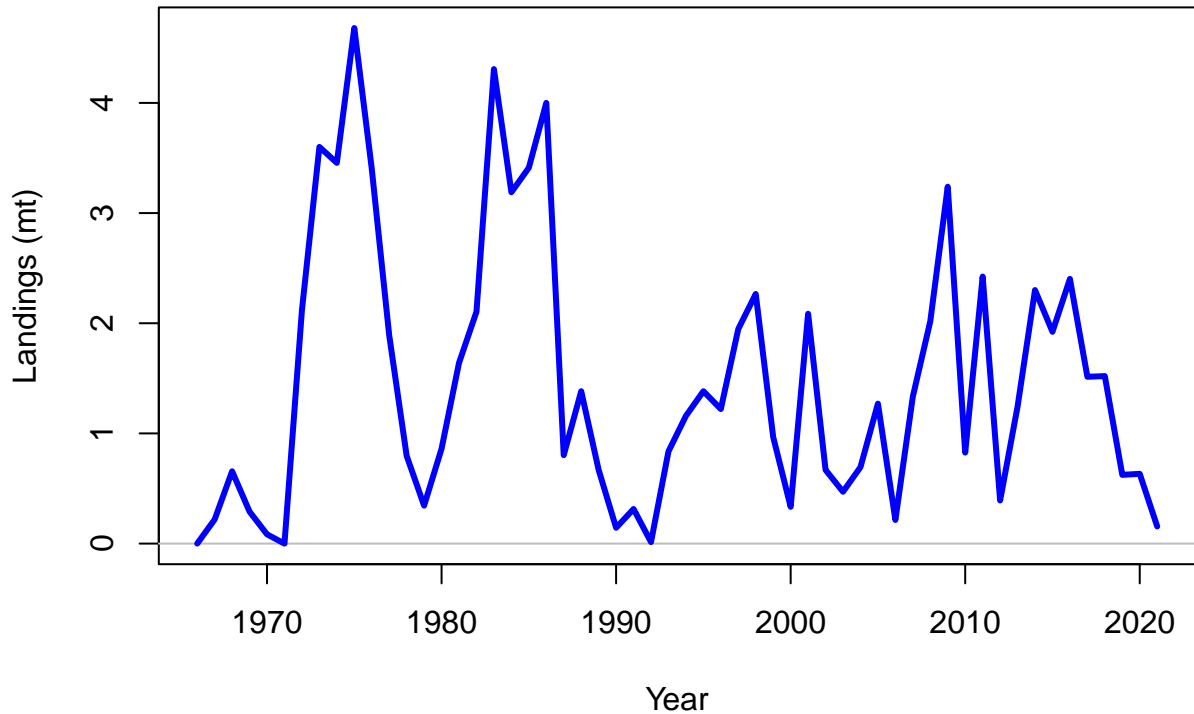


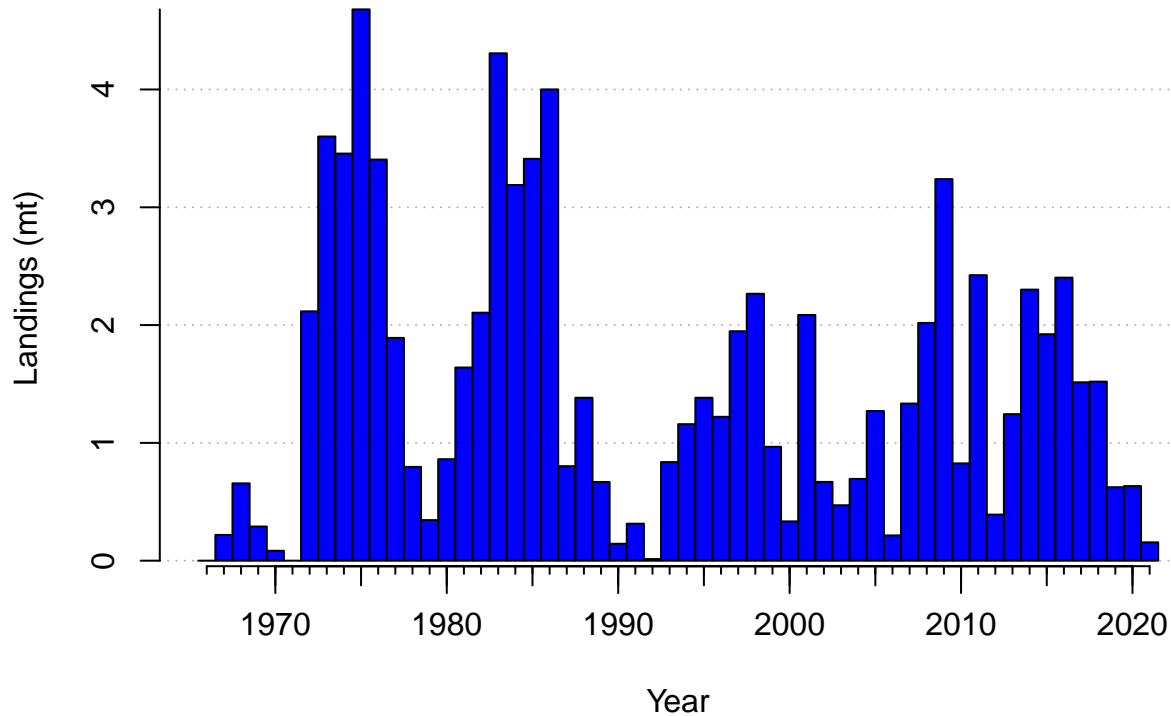




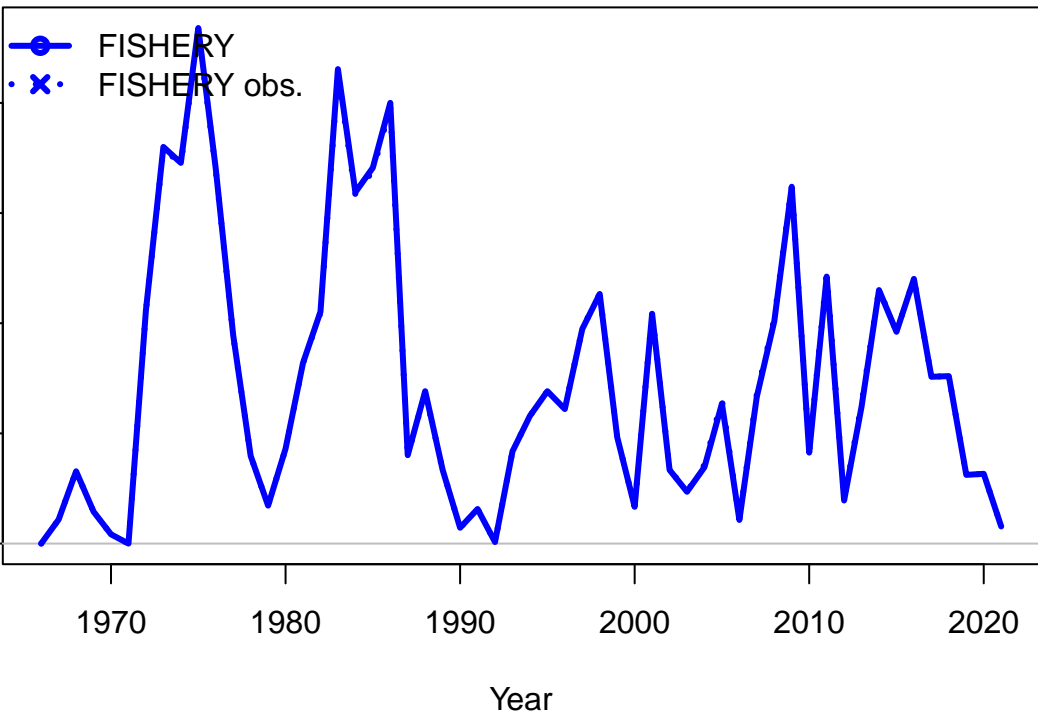
Log recruitment deviation

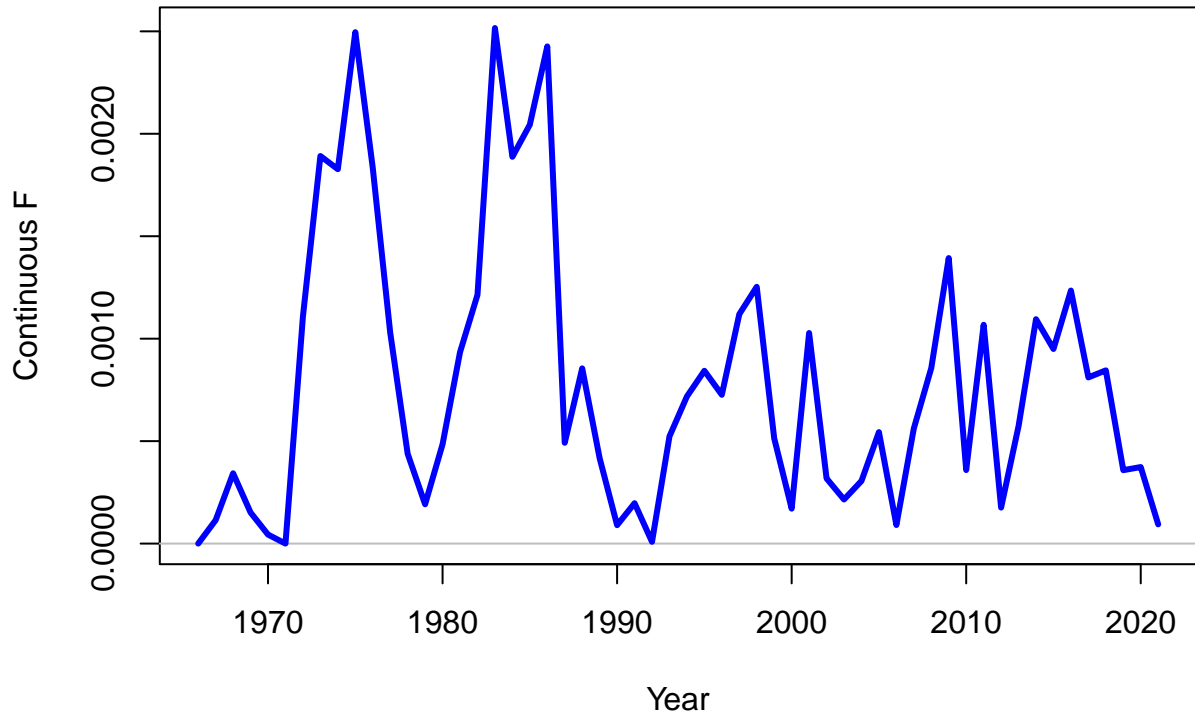




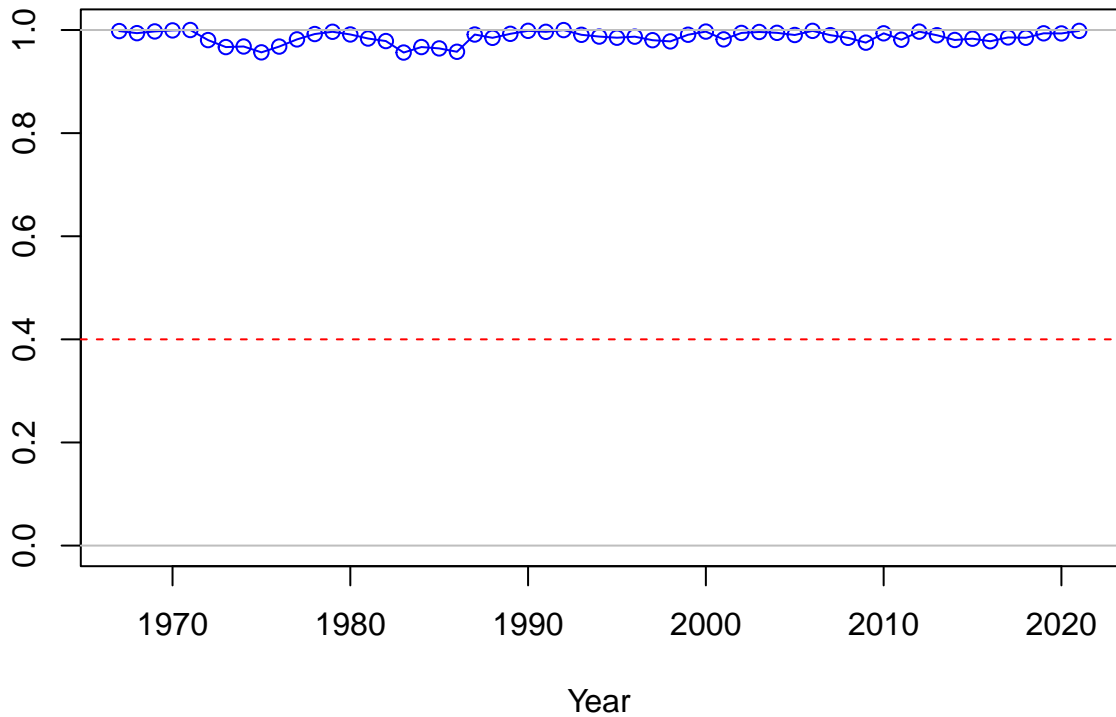


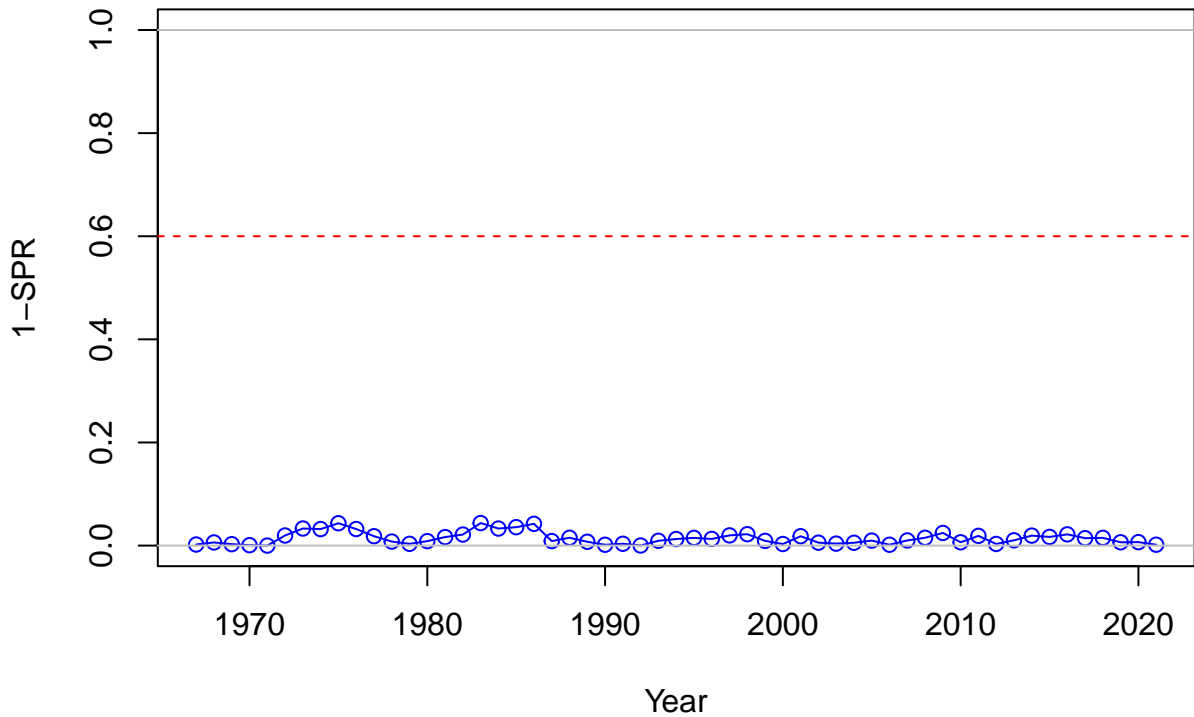
Observed and expected Landings (mt)



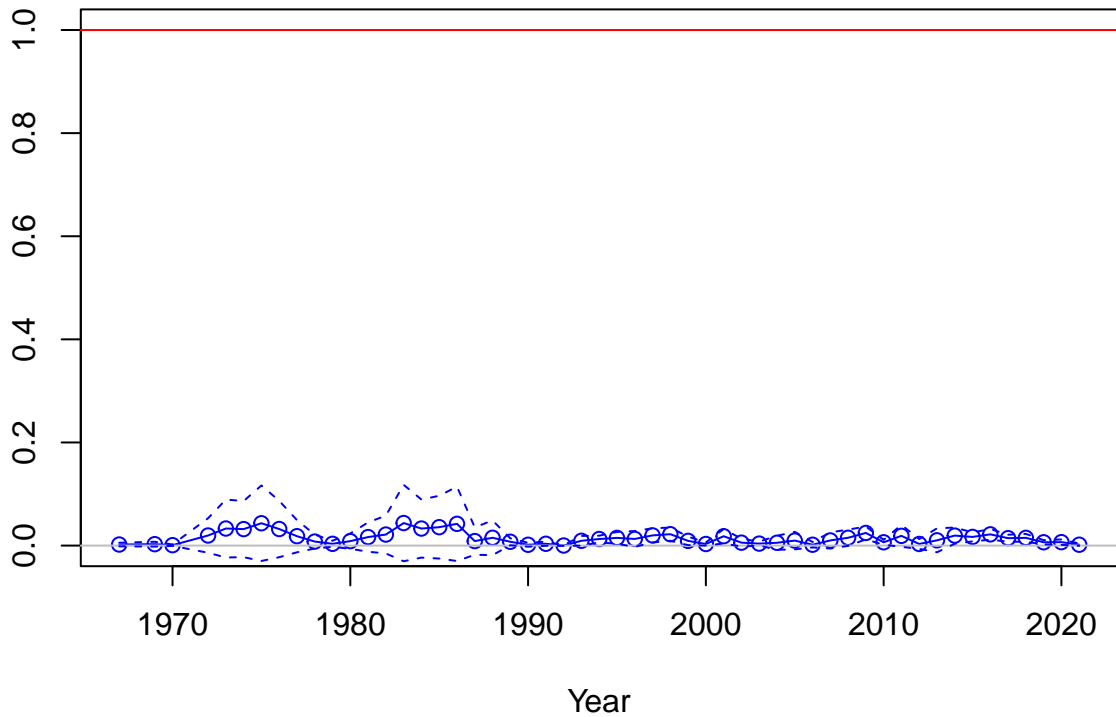


SPR

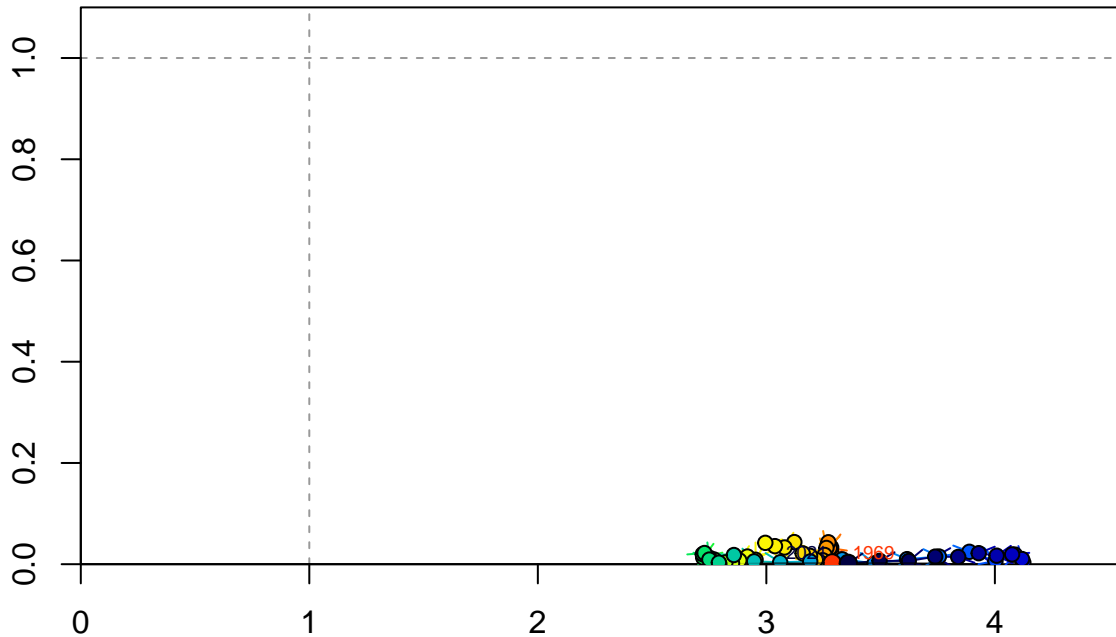




Fishing intensity: 1-SPR

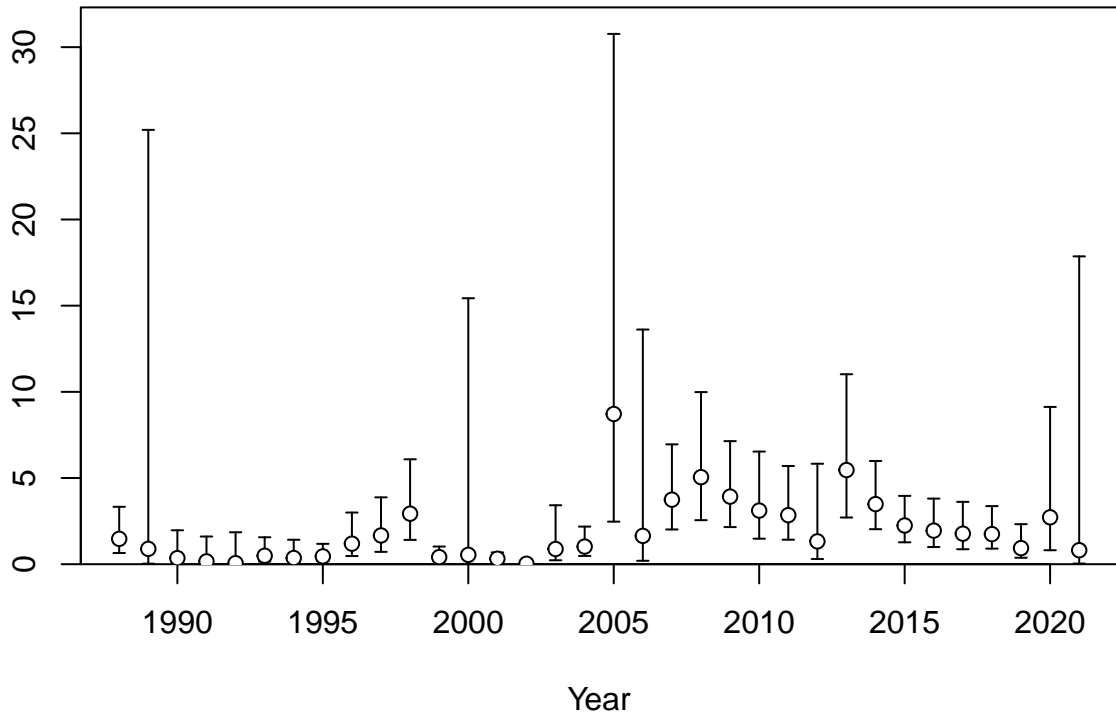


Fishing intensity: 1-SPR

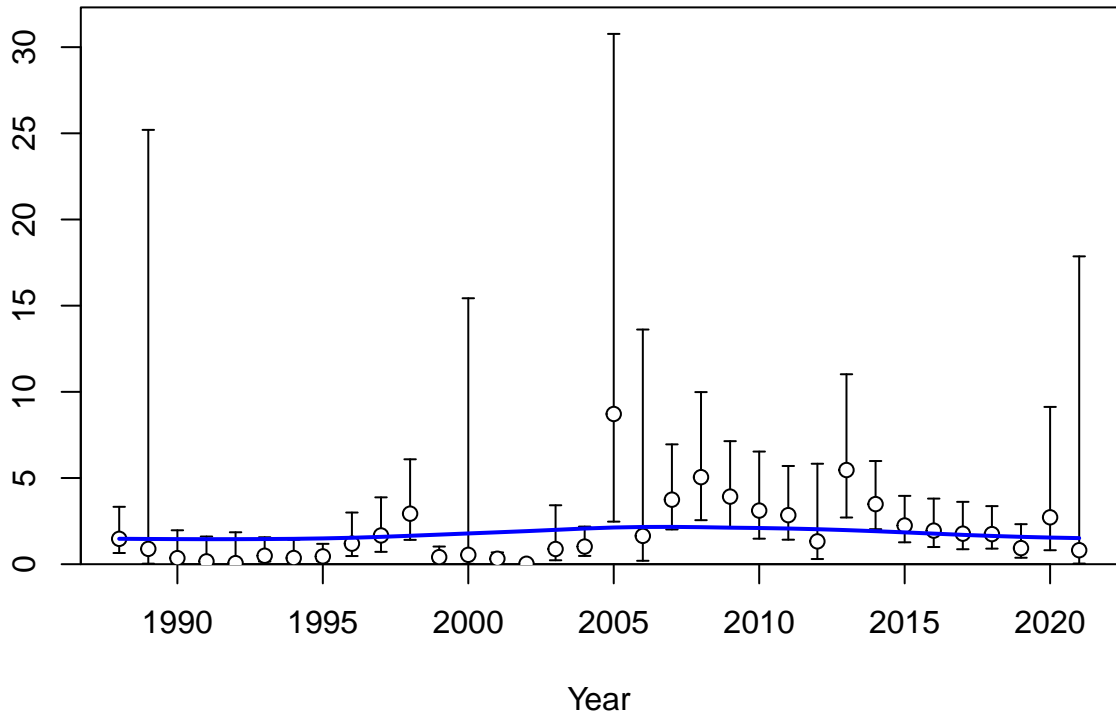


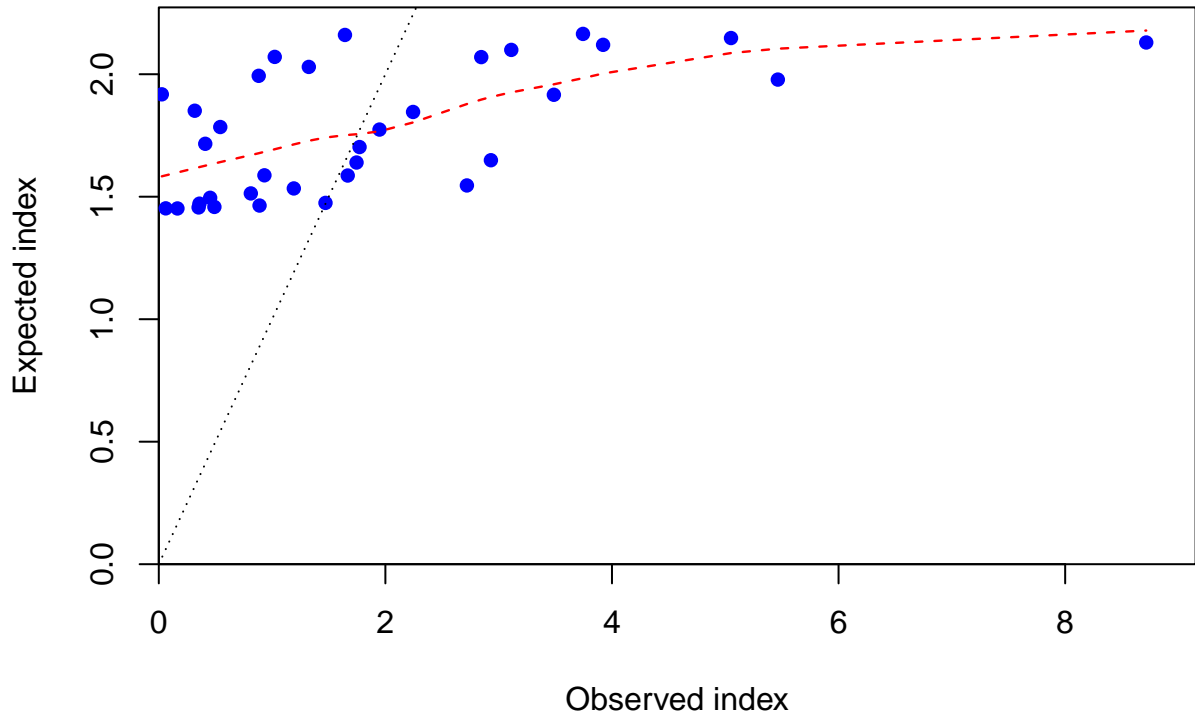
Relative spawning output: B/B_{MSY}

Index

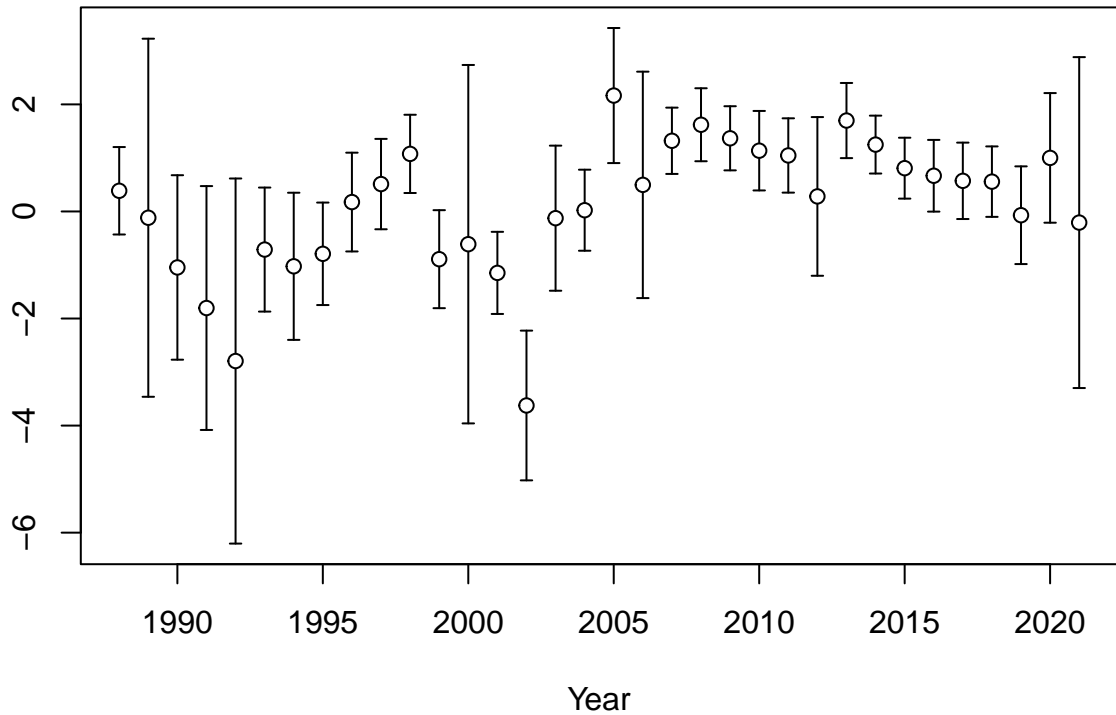


Index

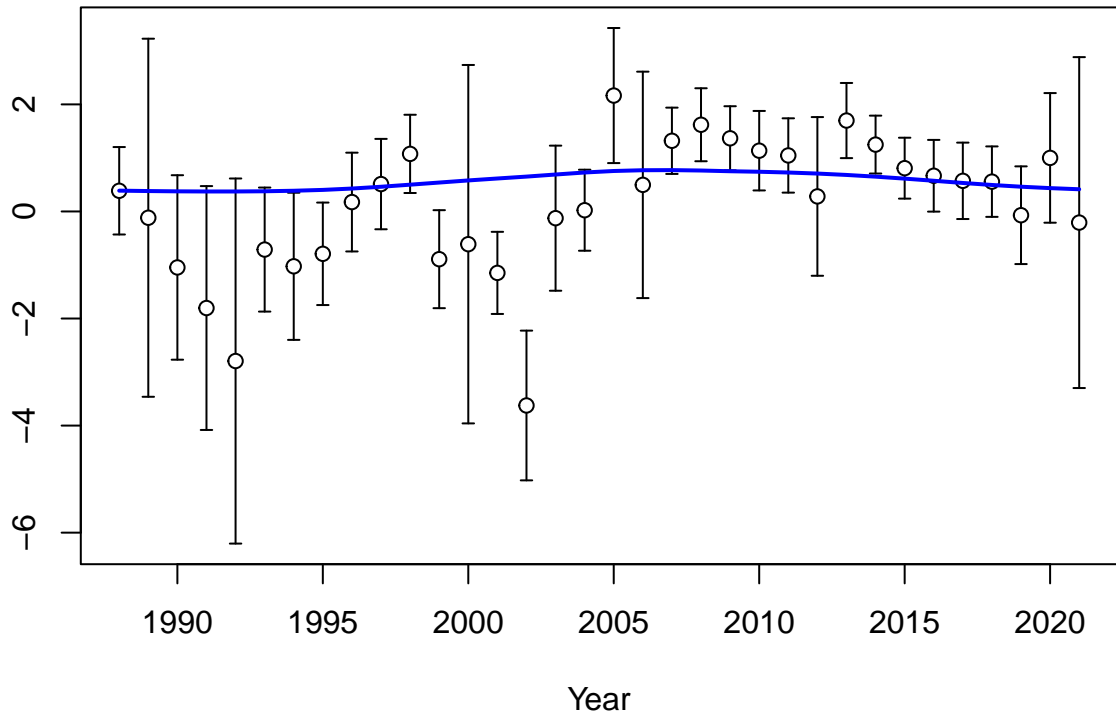


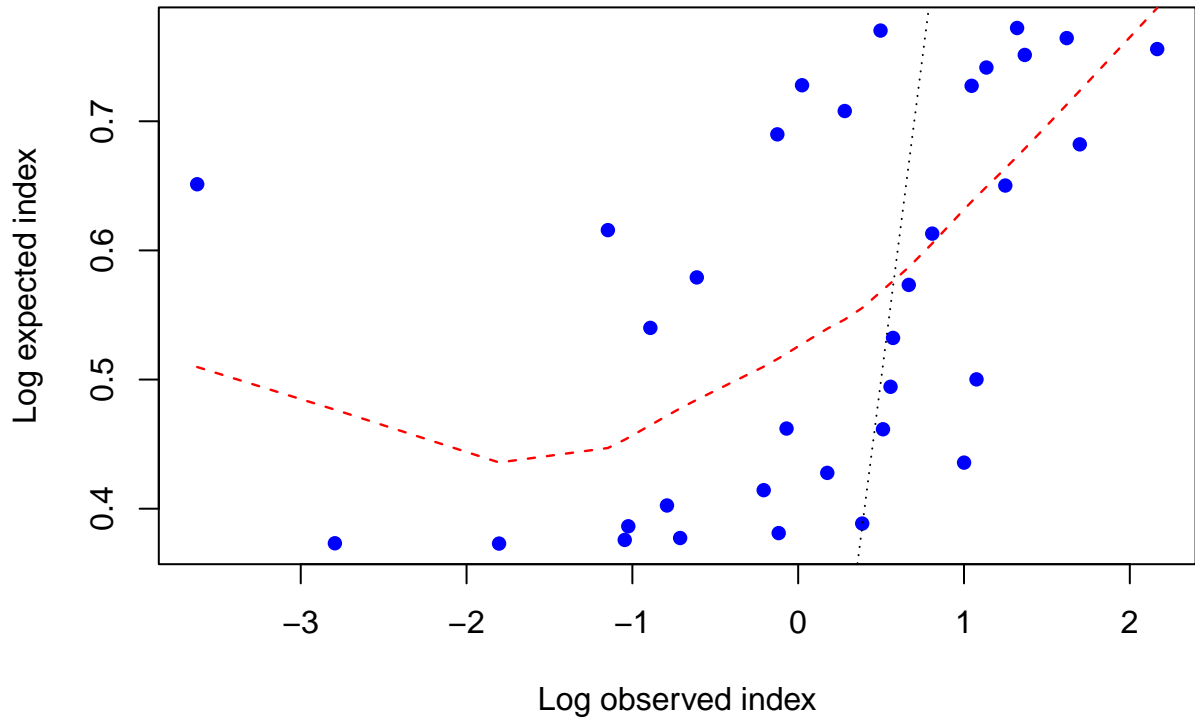


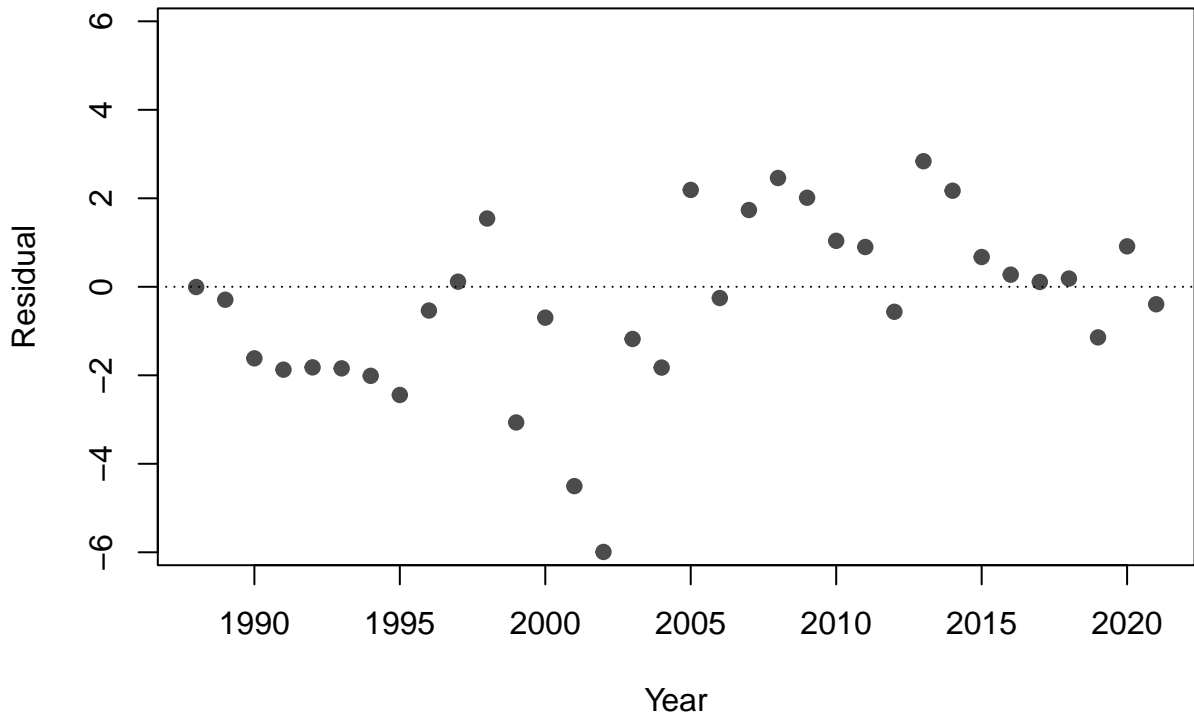
Log index



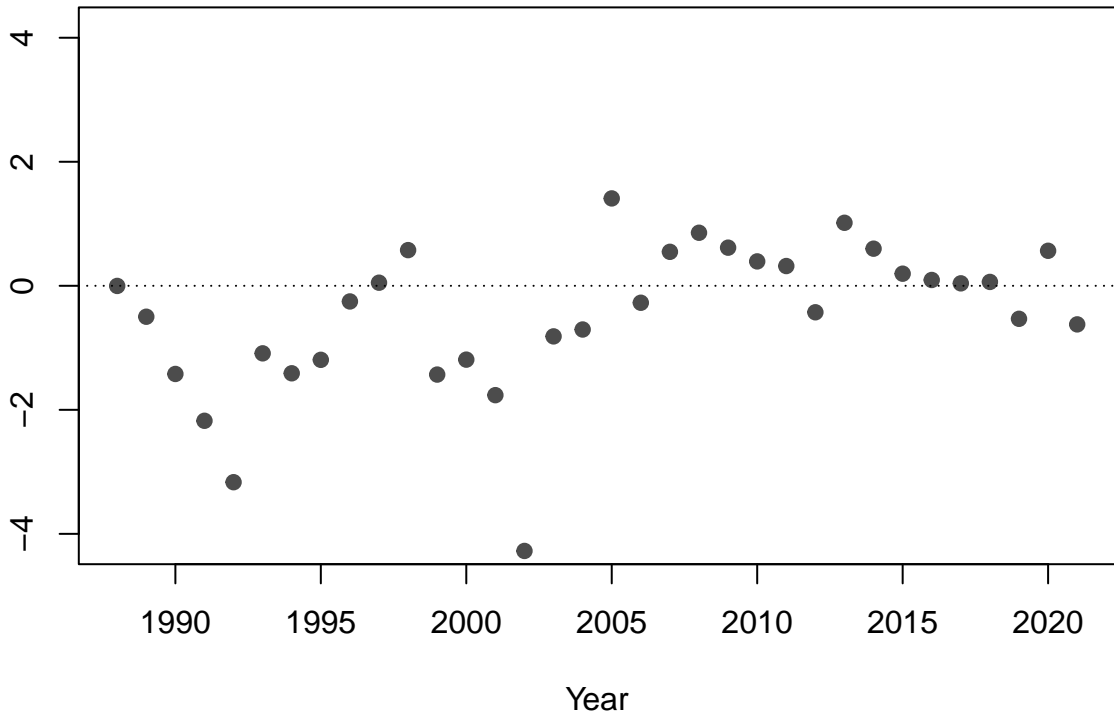
Log index

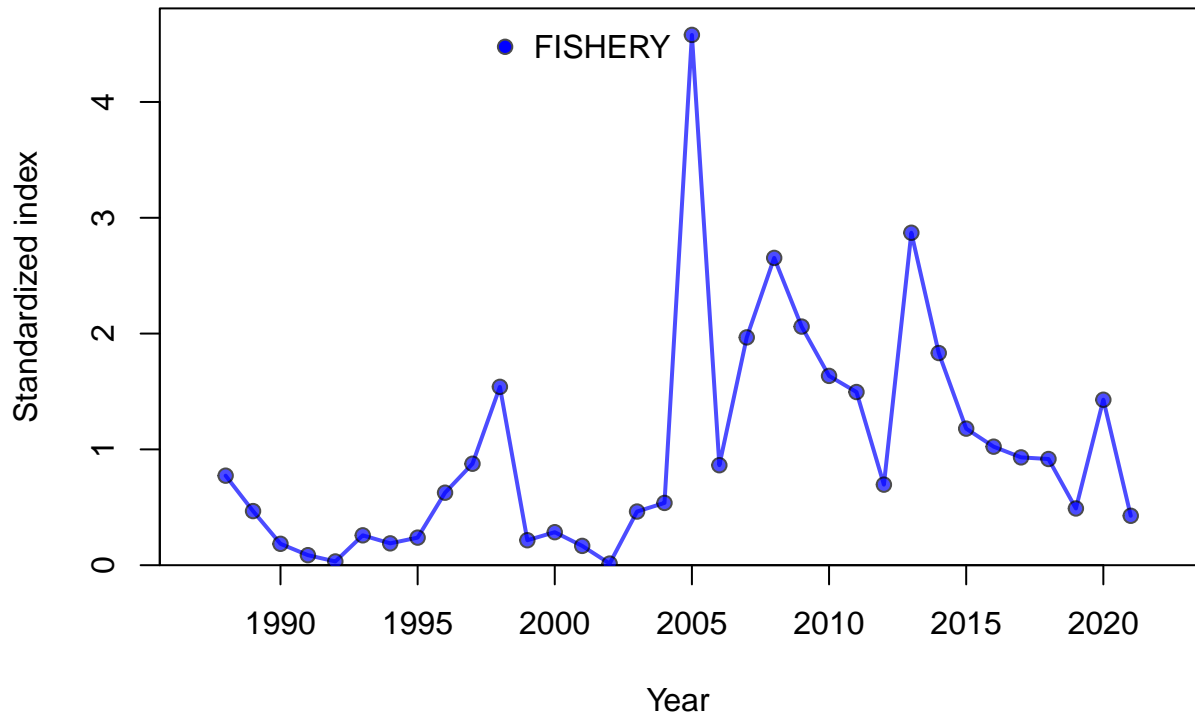


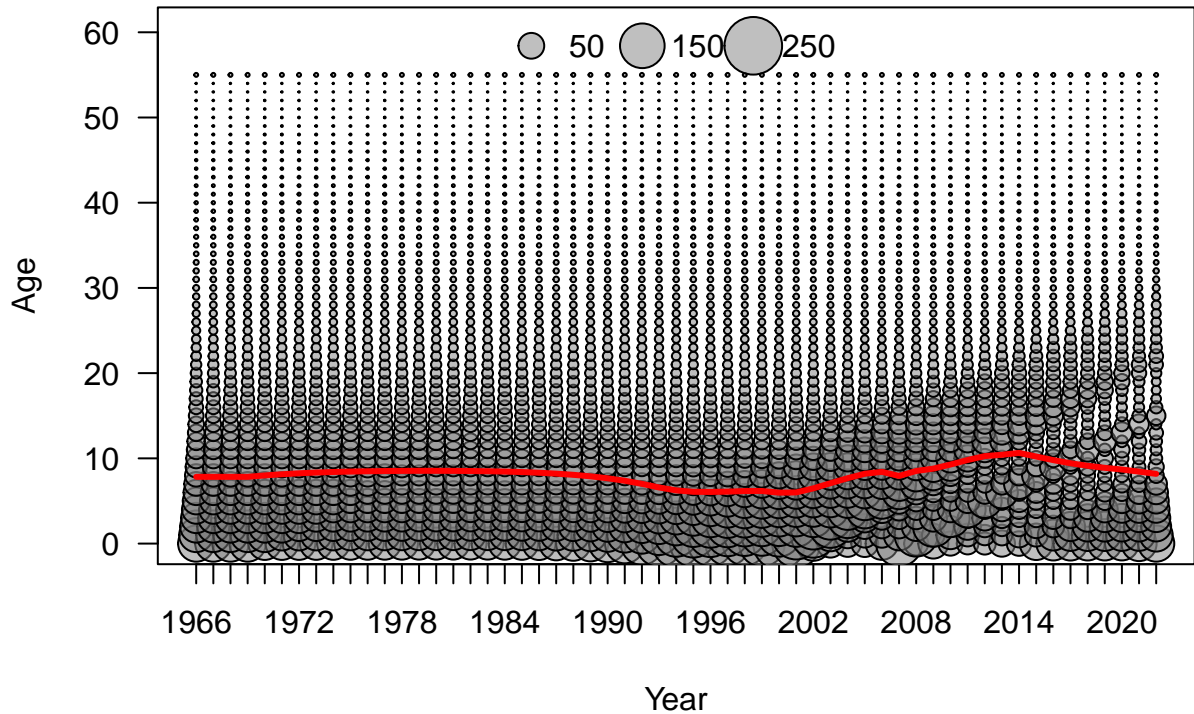


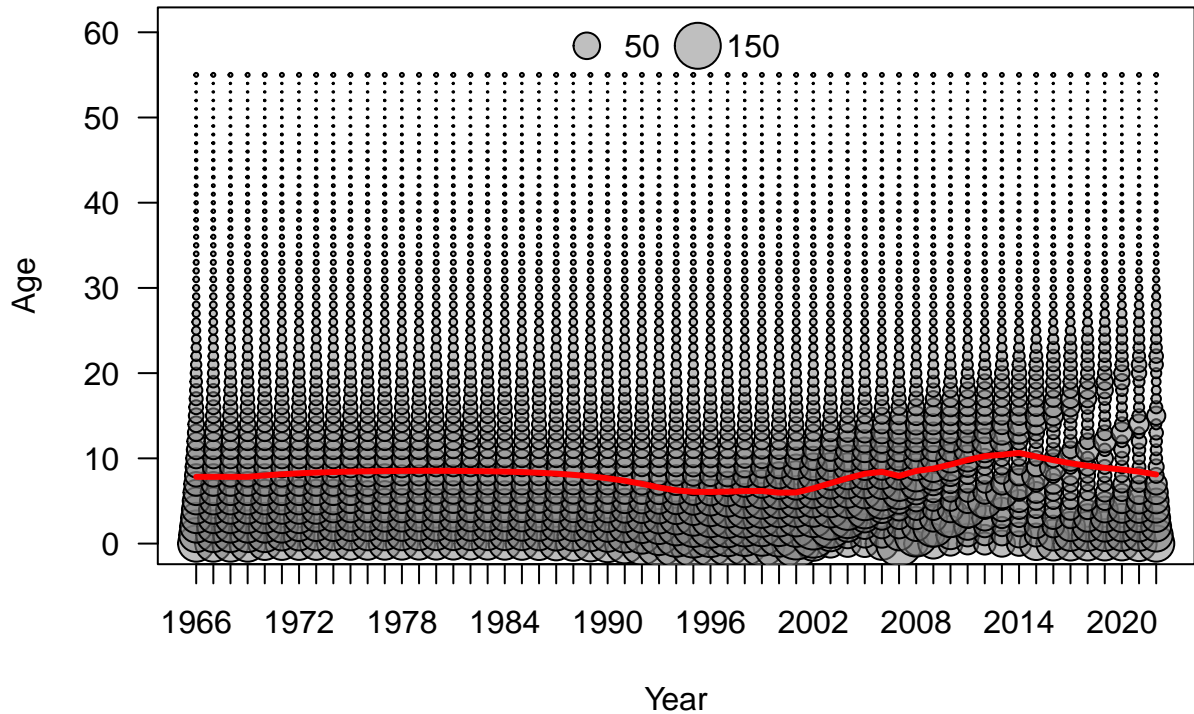


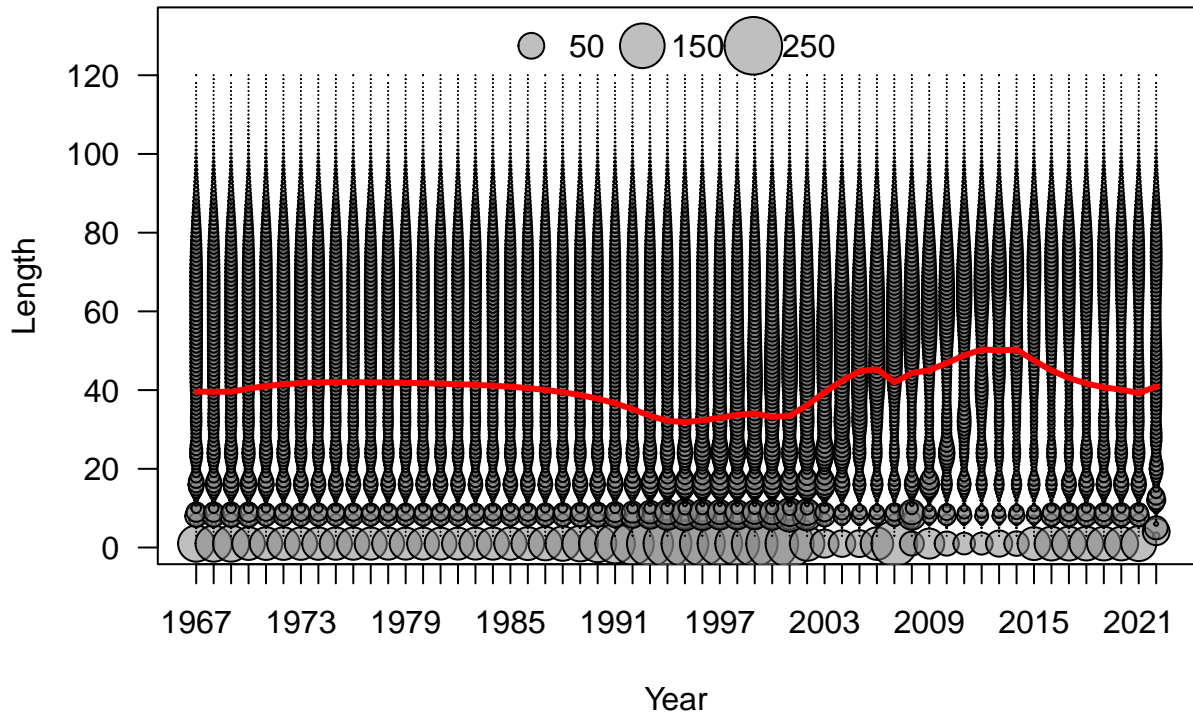
Deviation

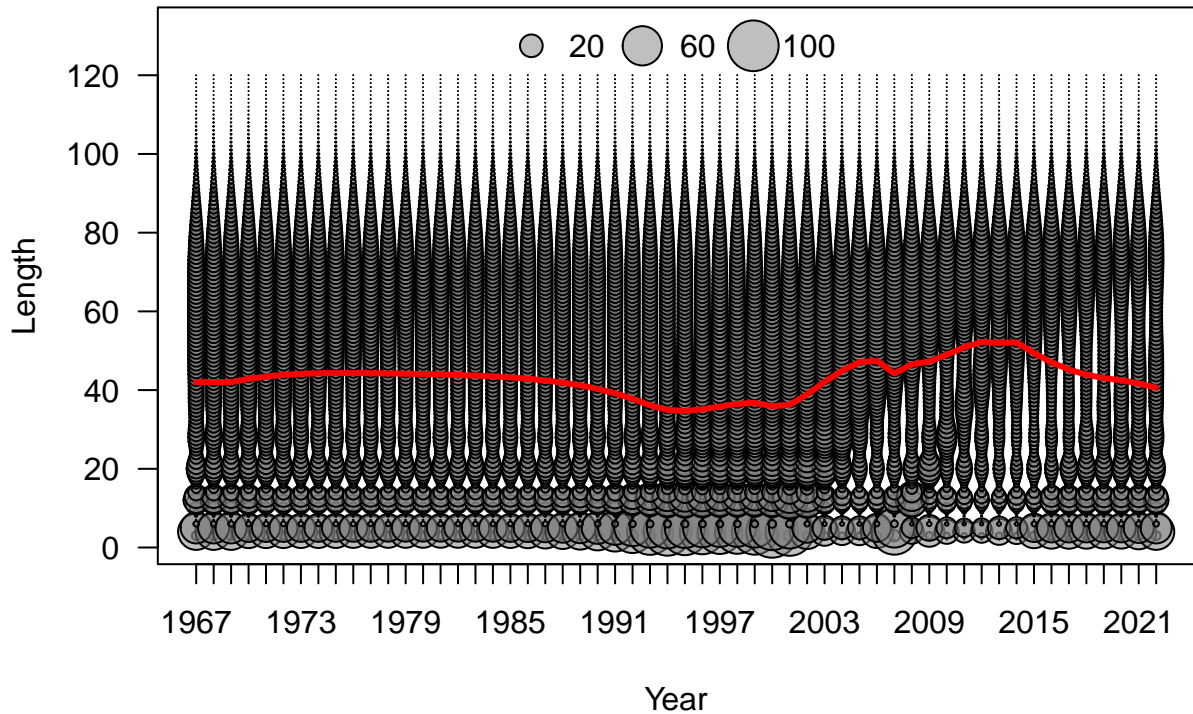


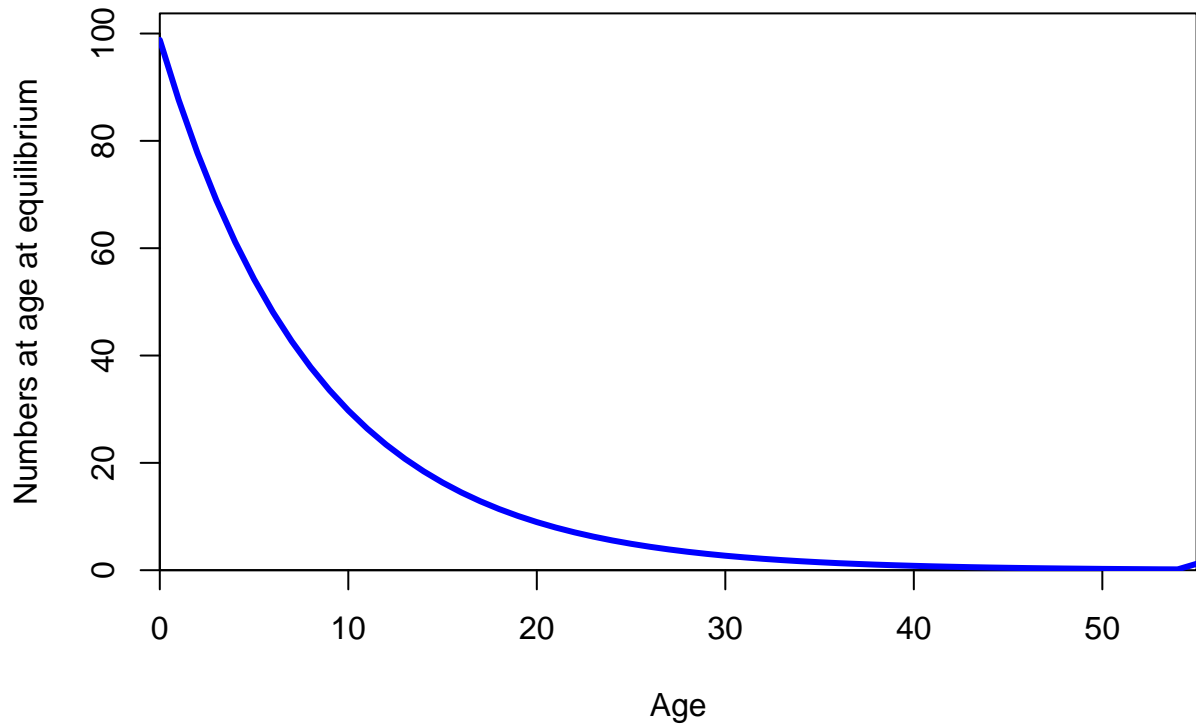






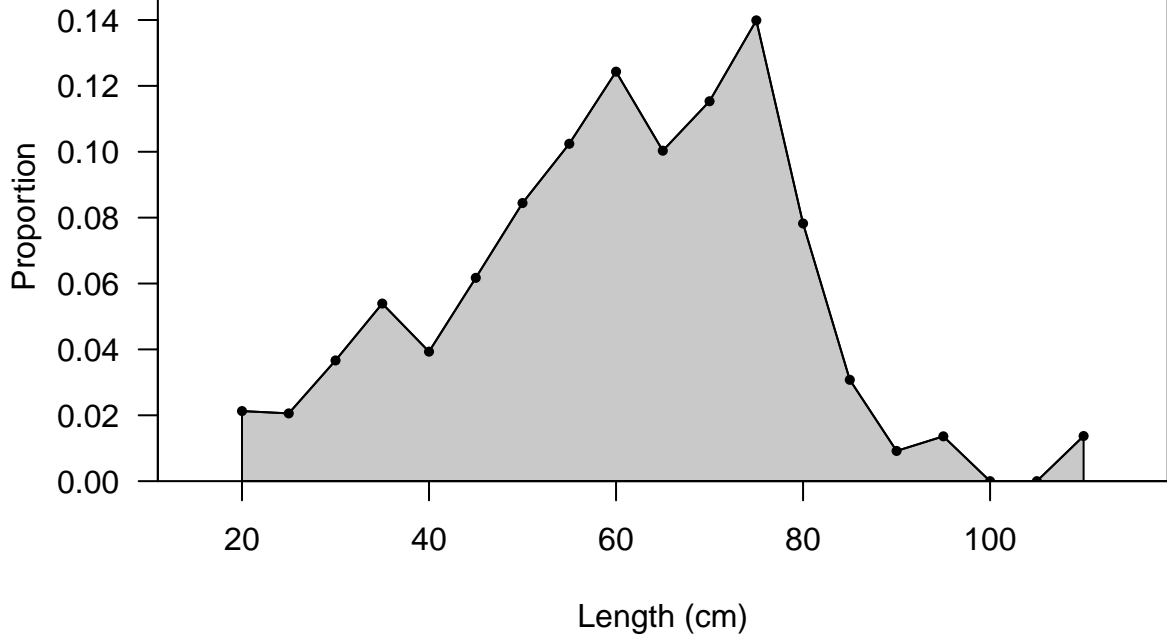






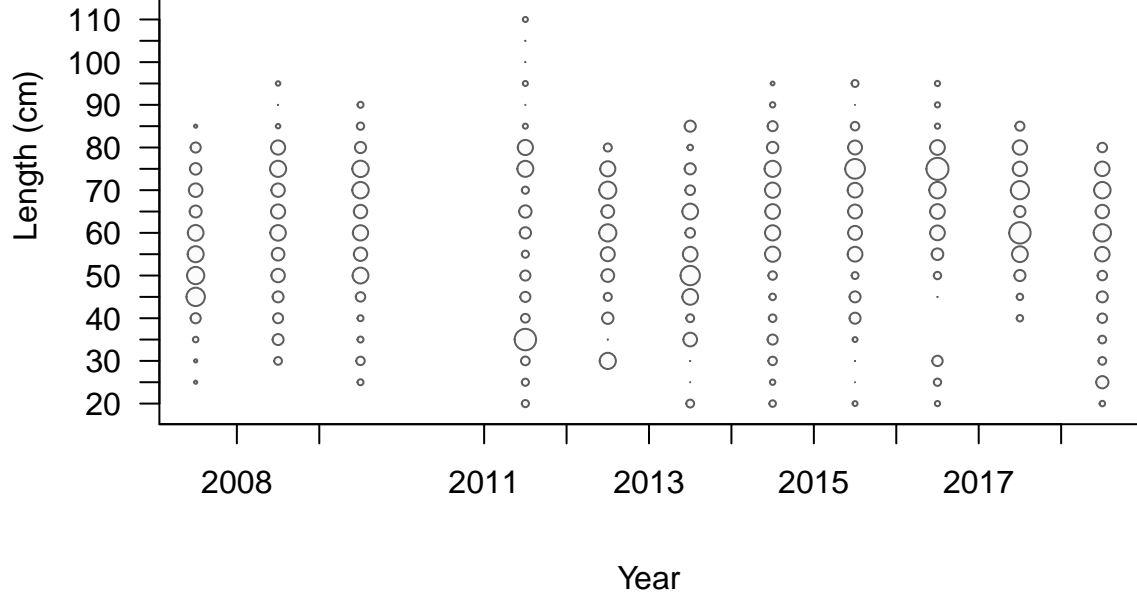
FISHERY

Sum of N adj.=712.5

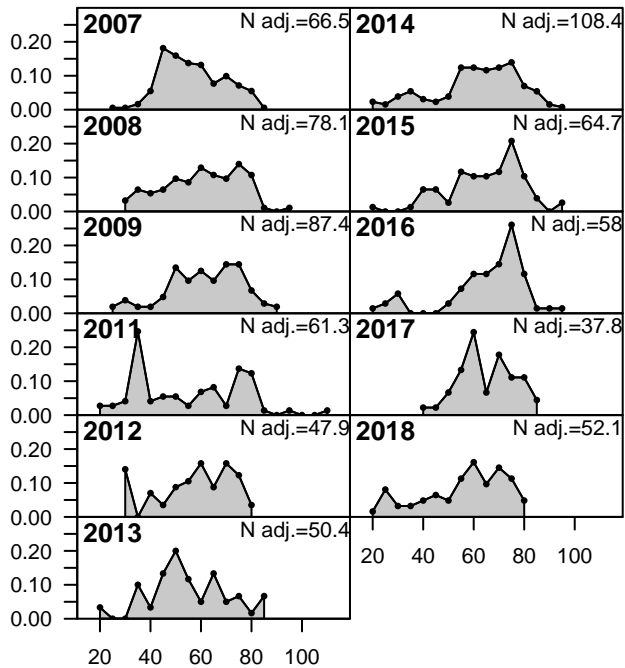


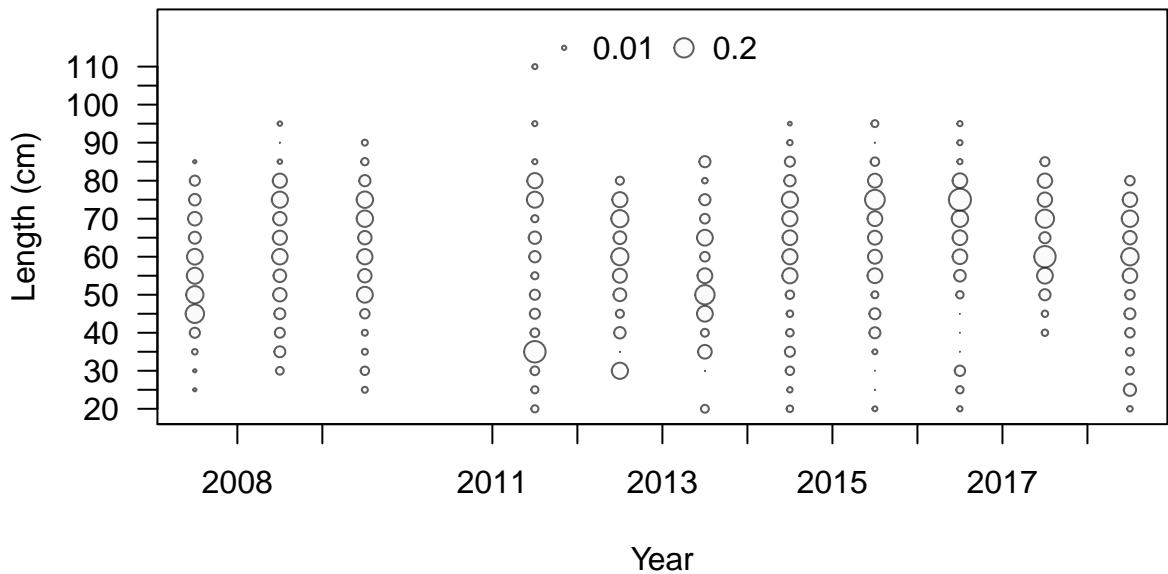
FISHERY

◦ 0.01 ○ 0.2

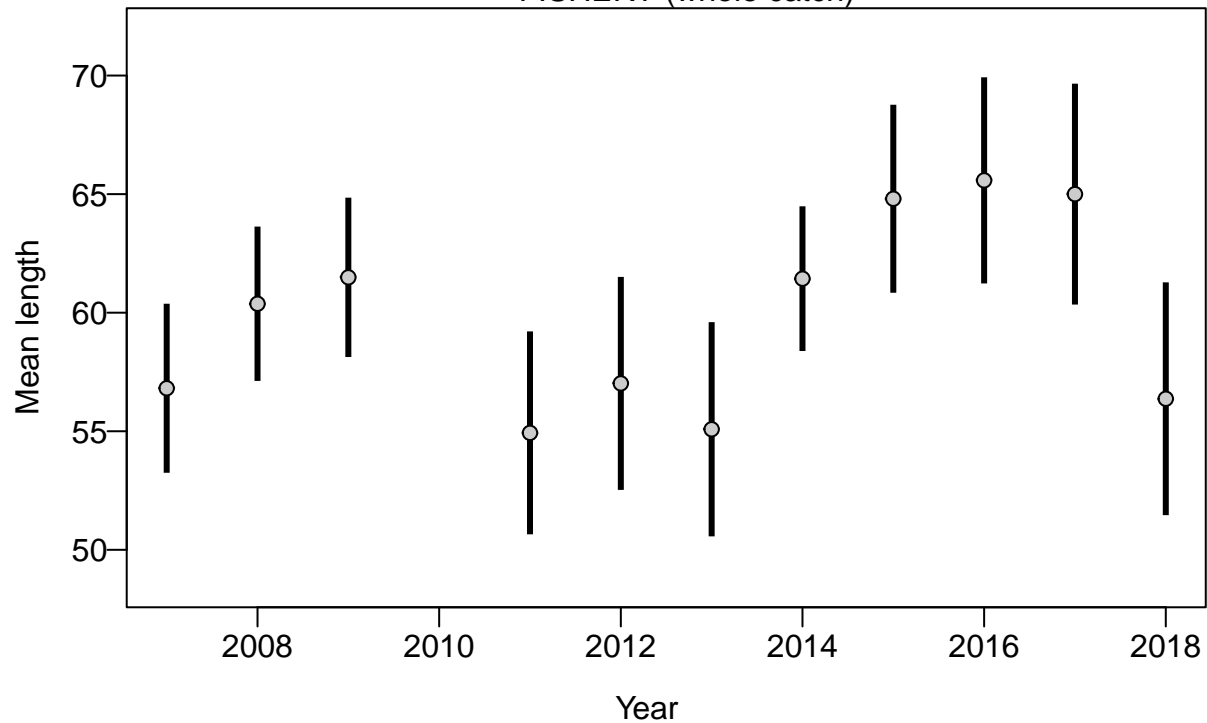


Proportion



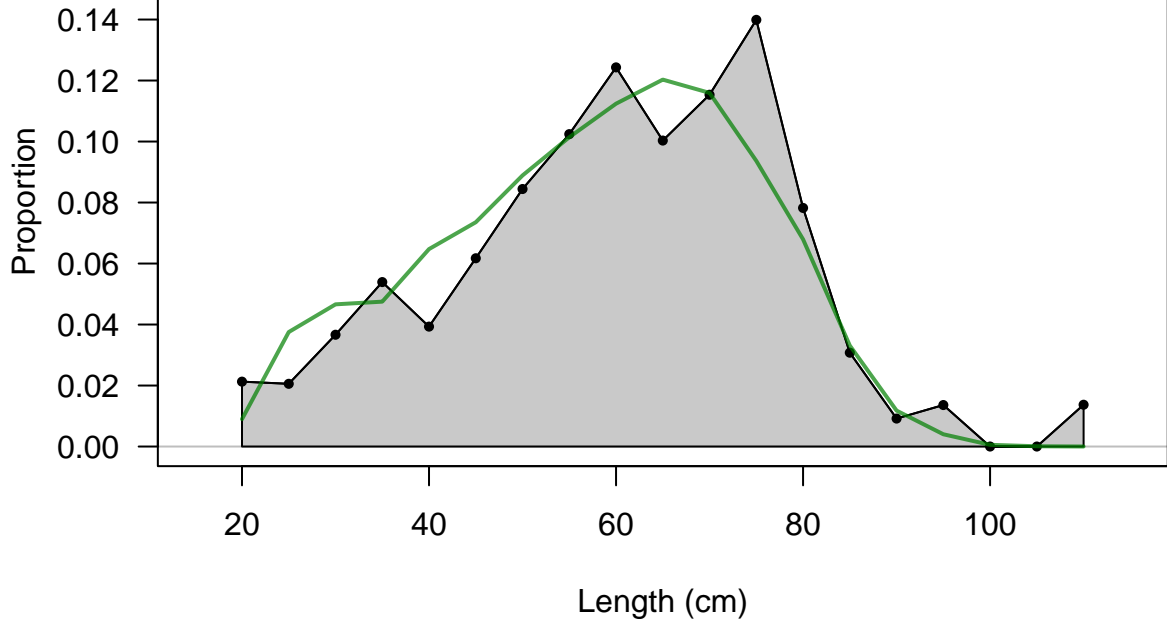


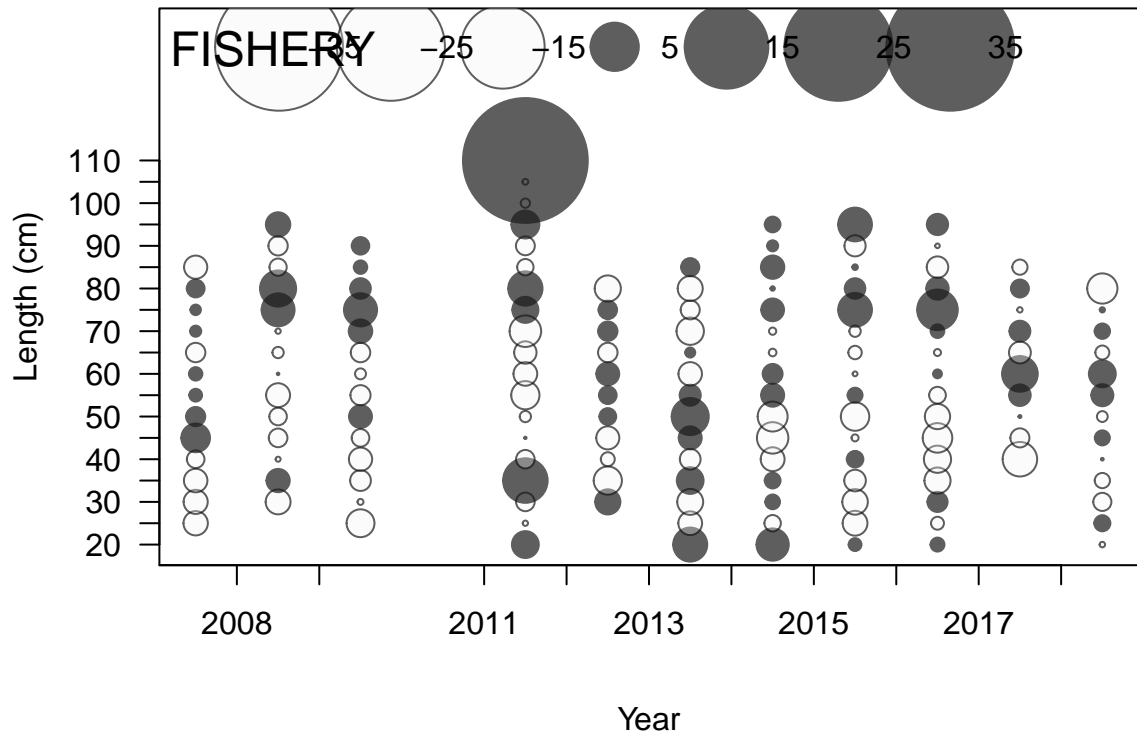
FISHERY (whole catch)



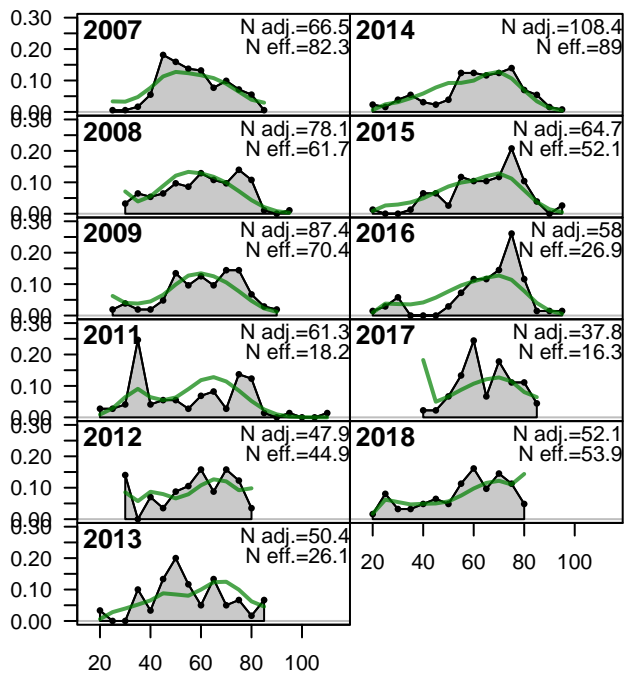
FISHERY

Sum of N adj.=712.5
Sum of N eff.=542

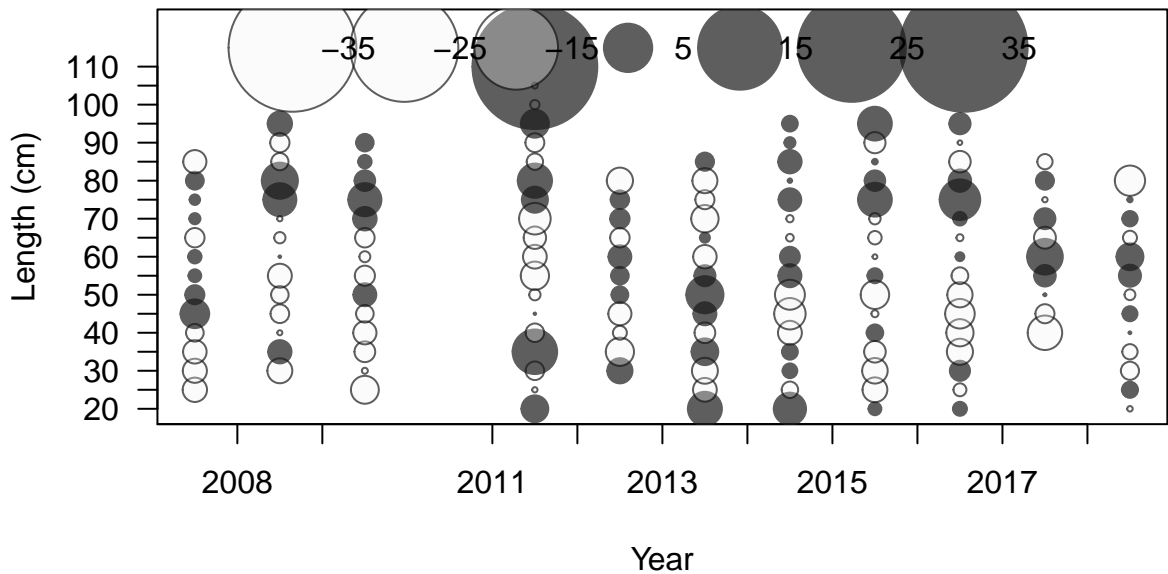


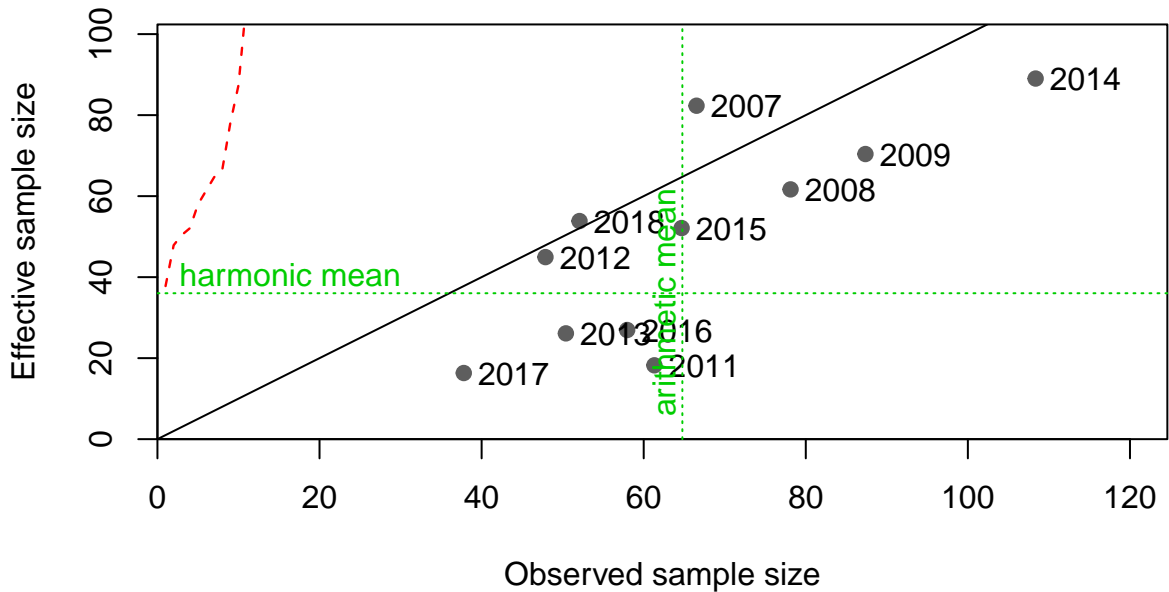


Proportion

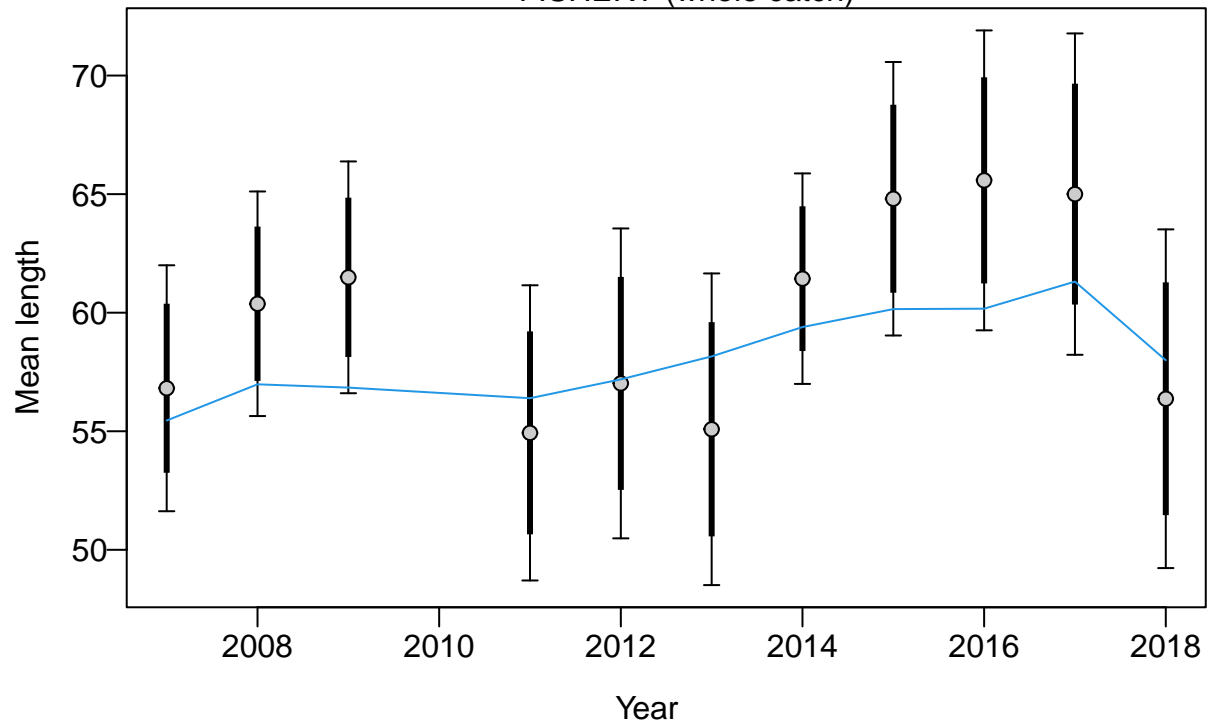


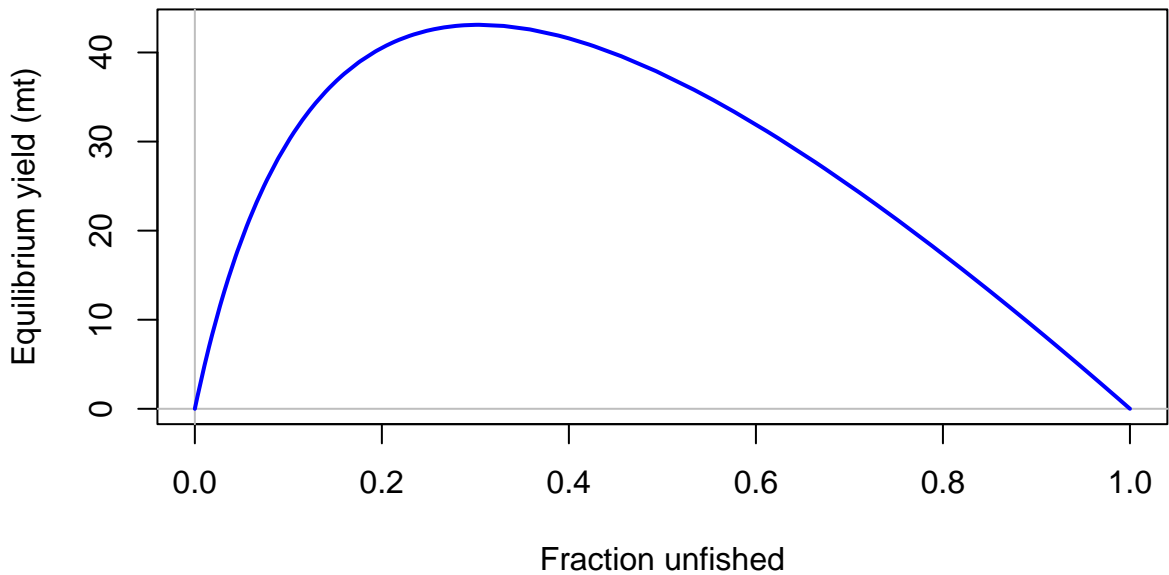
Length (cm)

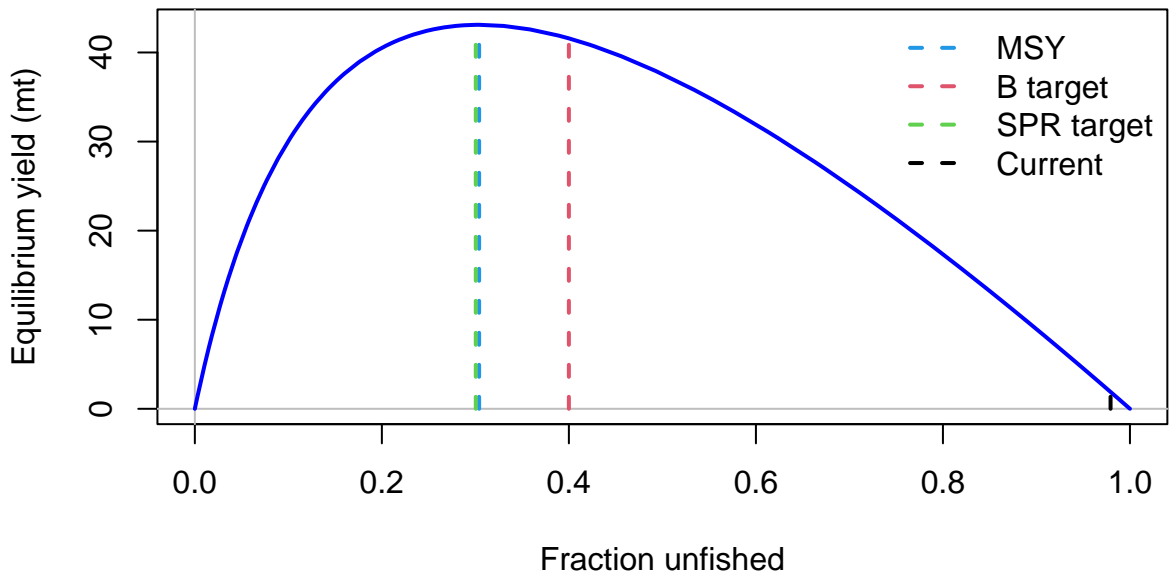


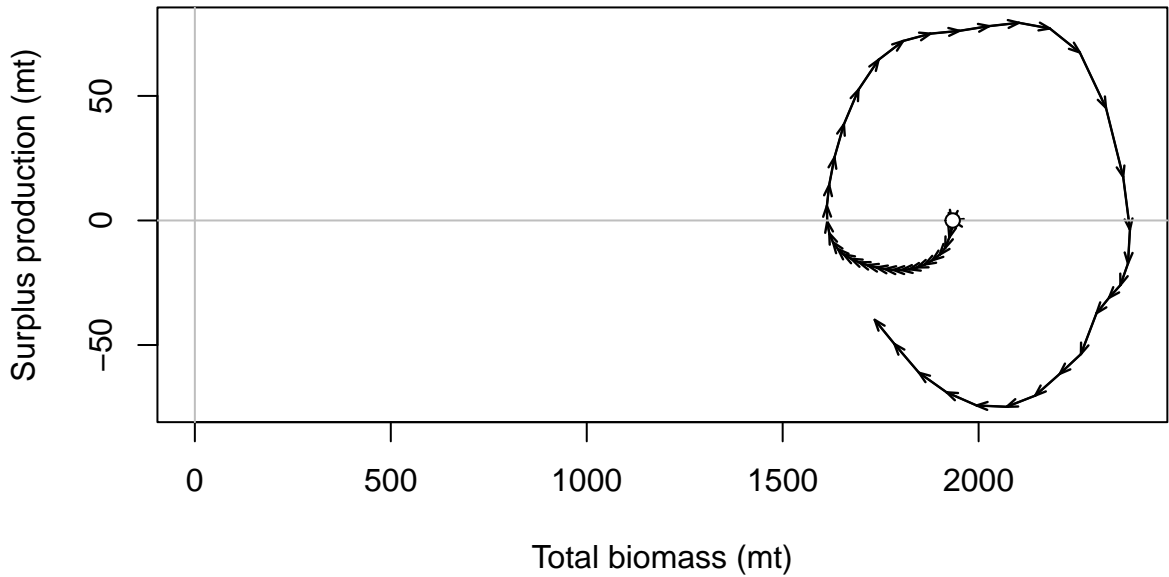


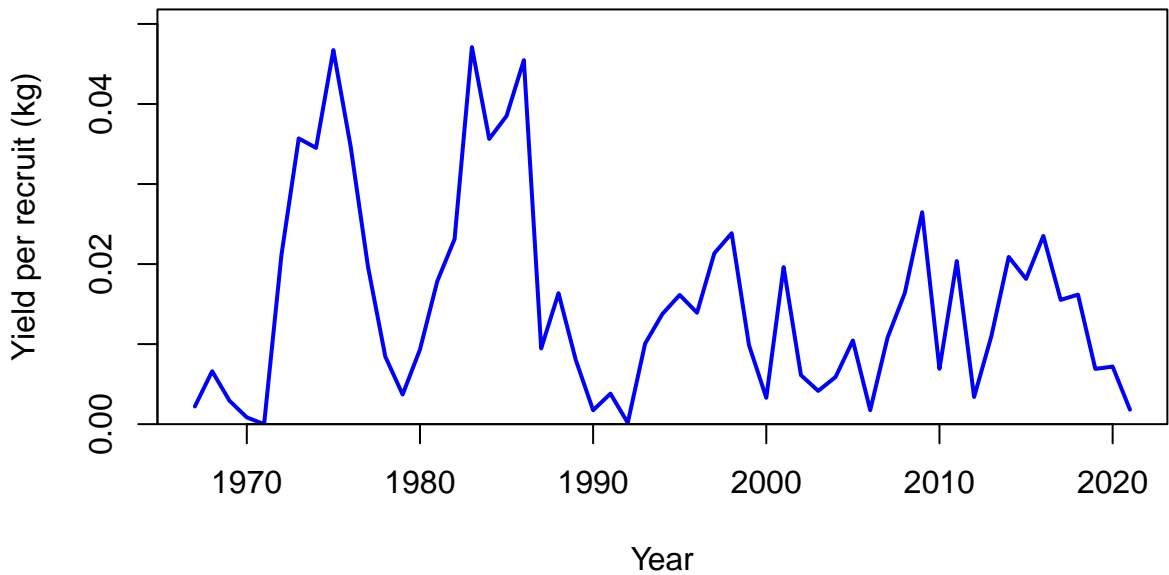
FISHERY (whole catch)

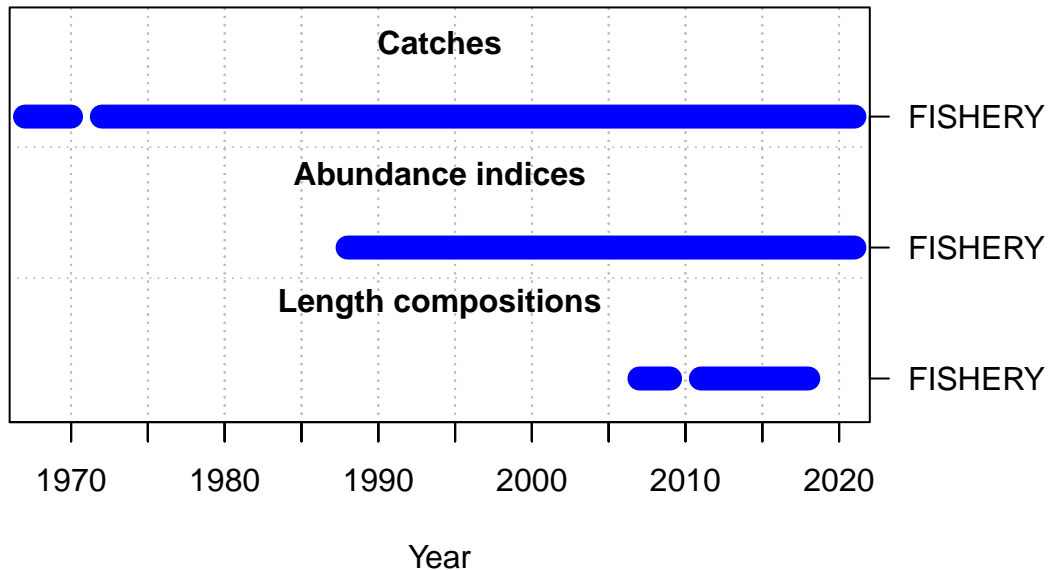


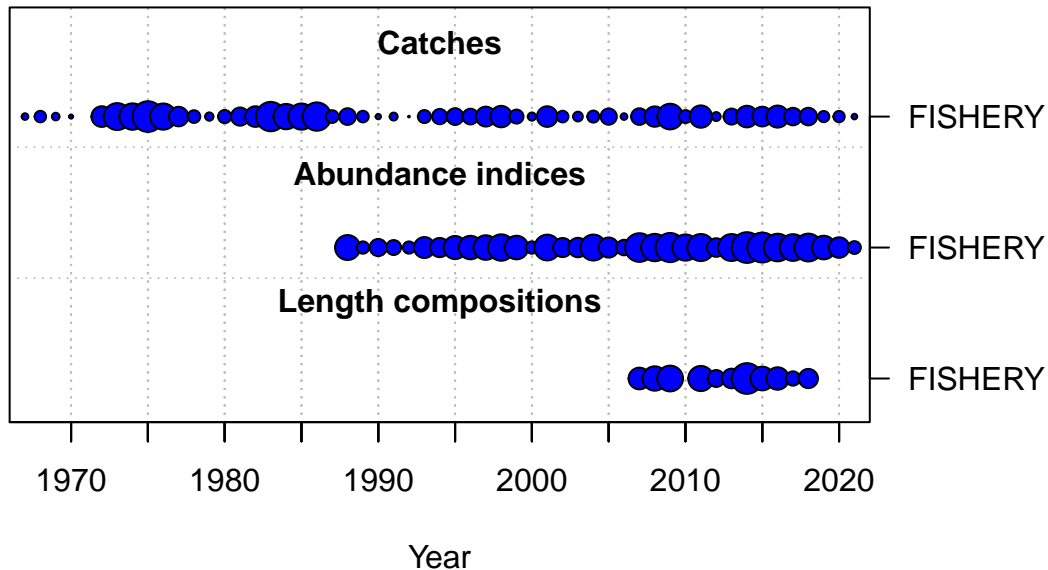












Density

