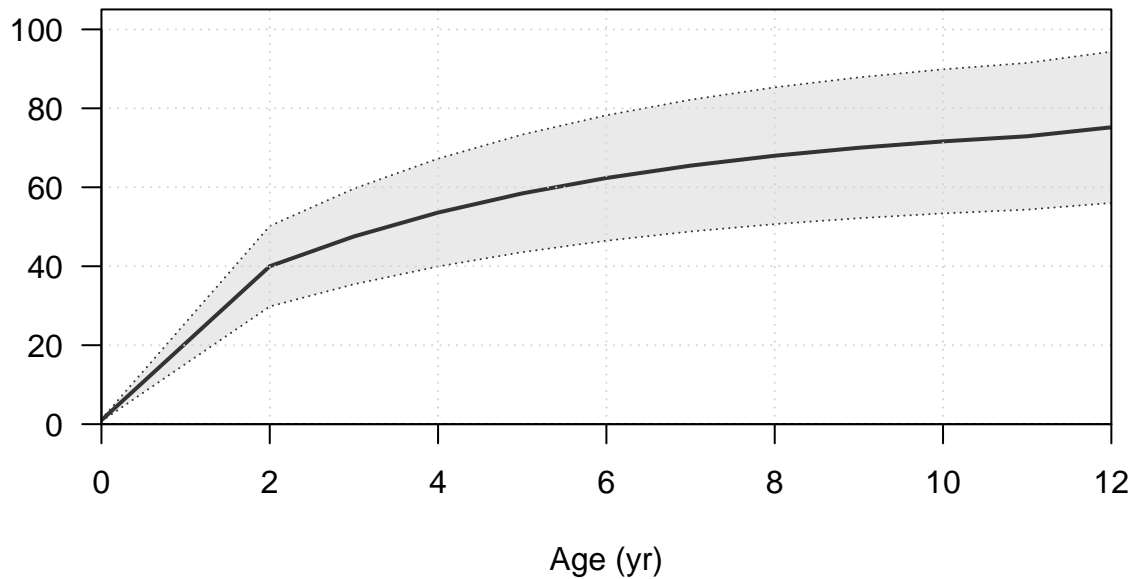
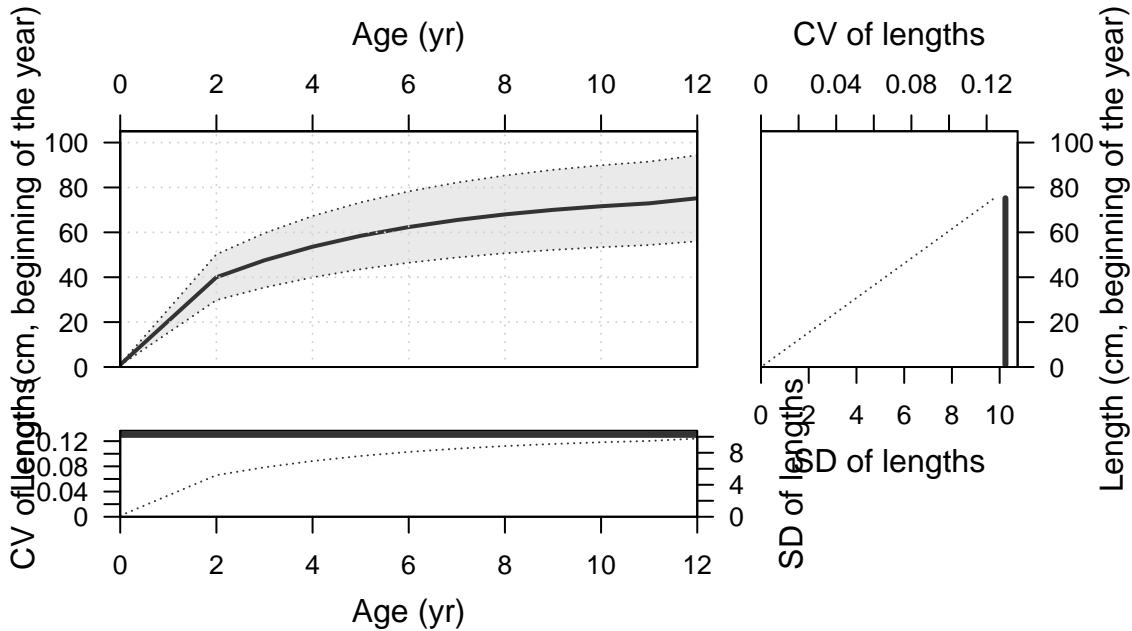
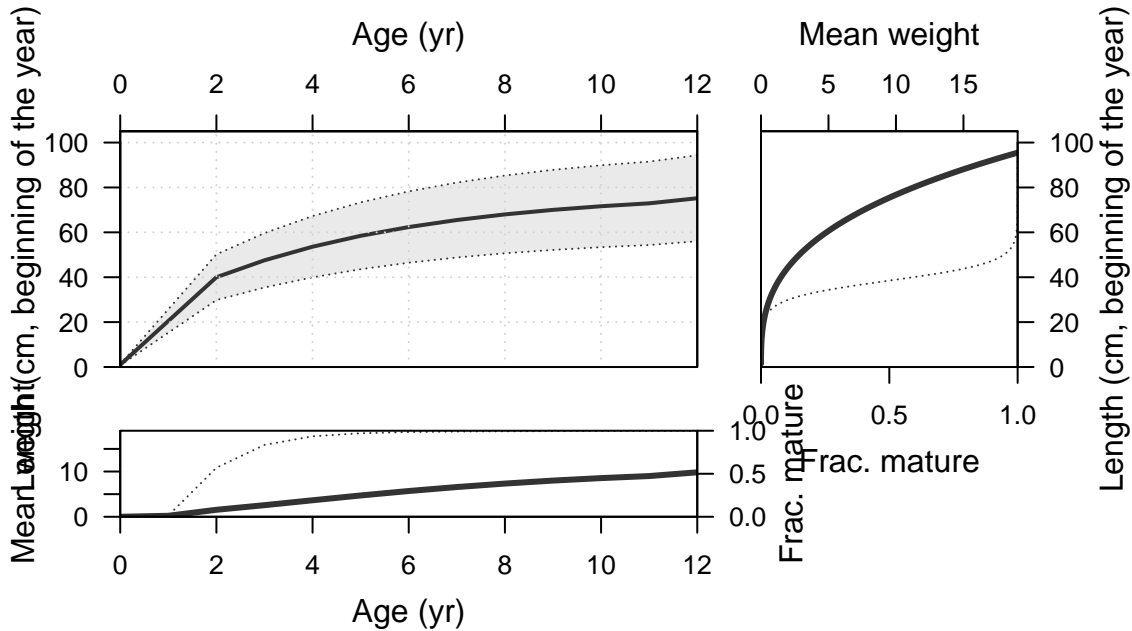


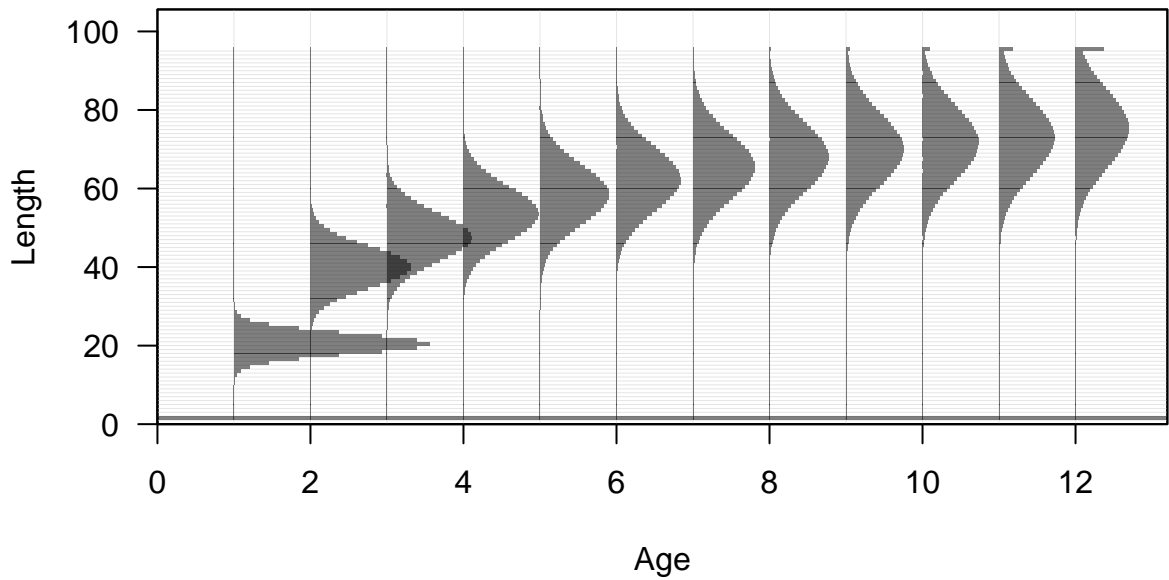
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Mon Jul 11 16:45:52 2022
Data_File: data.ss
Control_File: control.ss

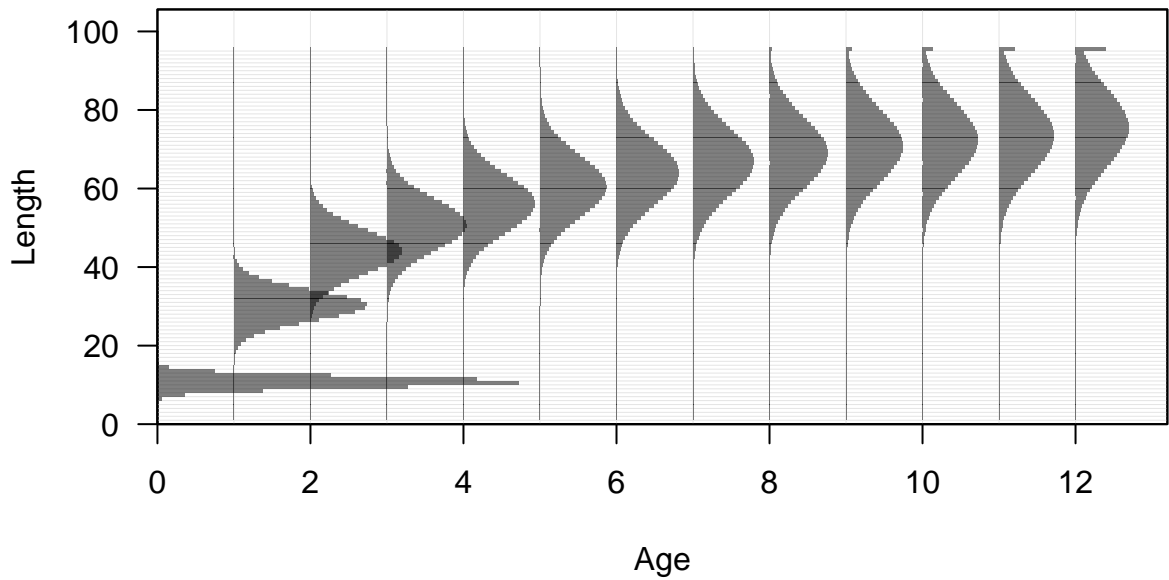
Length (cm, beginning of the year)

















Fecundity

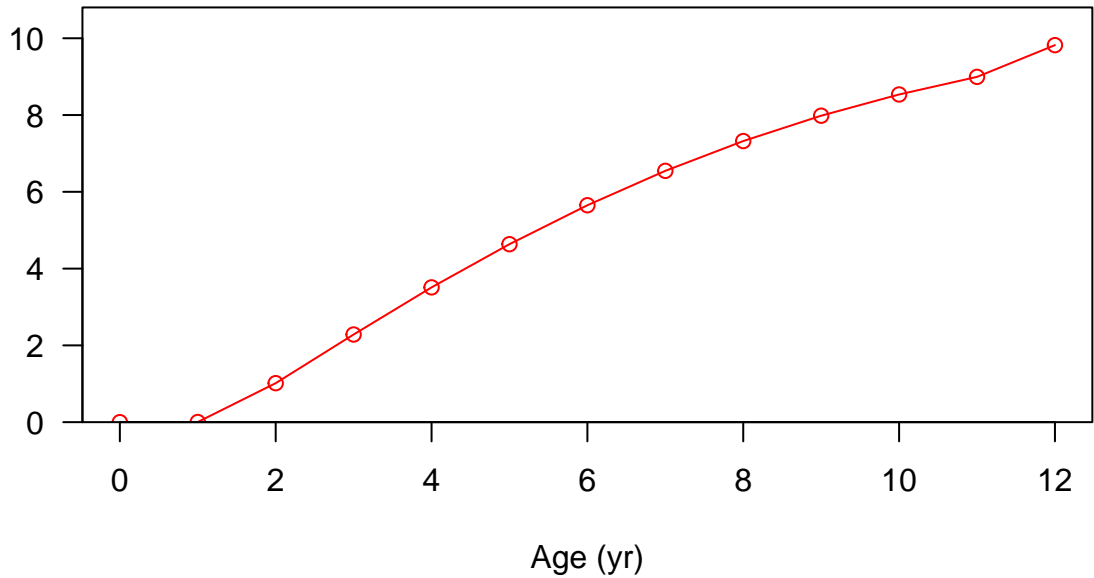




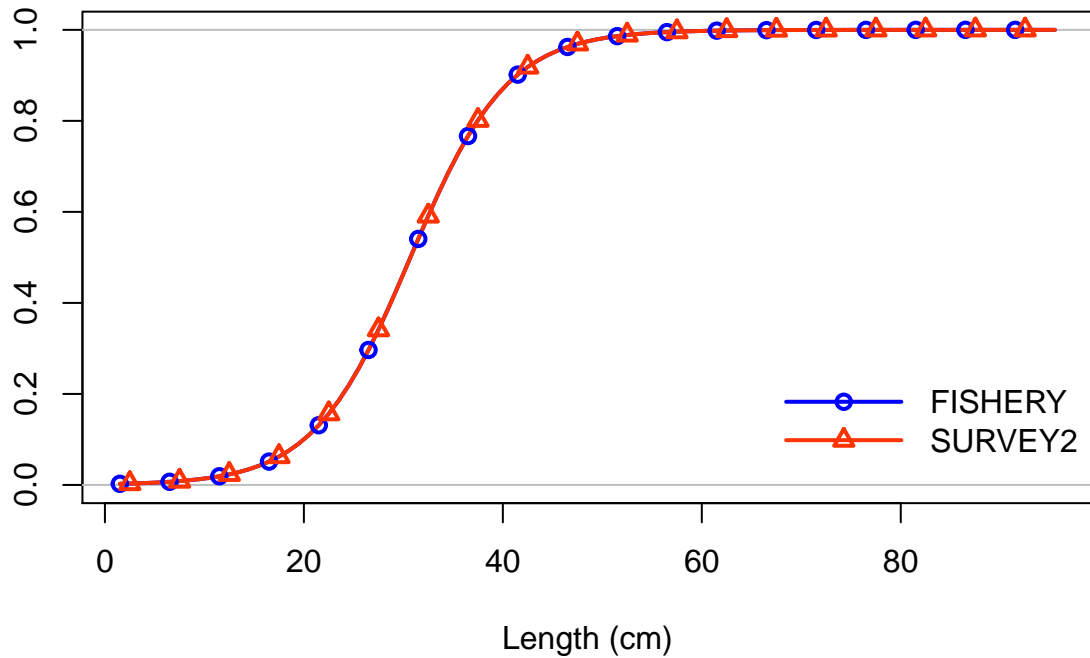
Spawning output



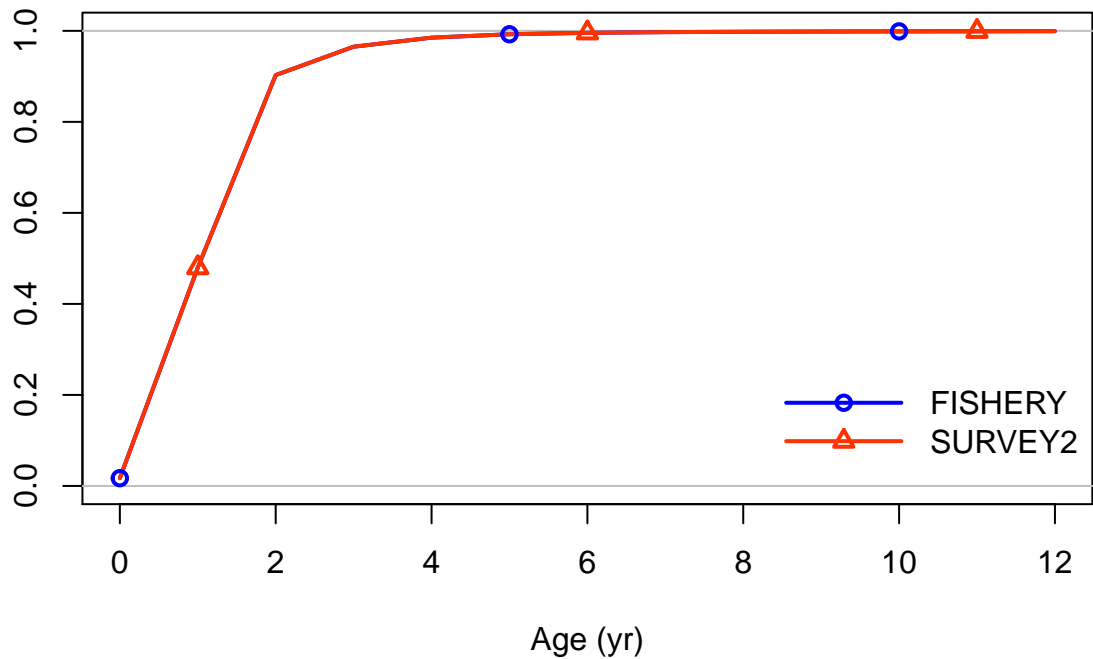
Spawning output



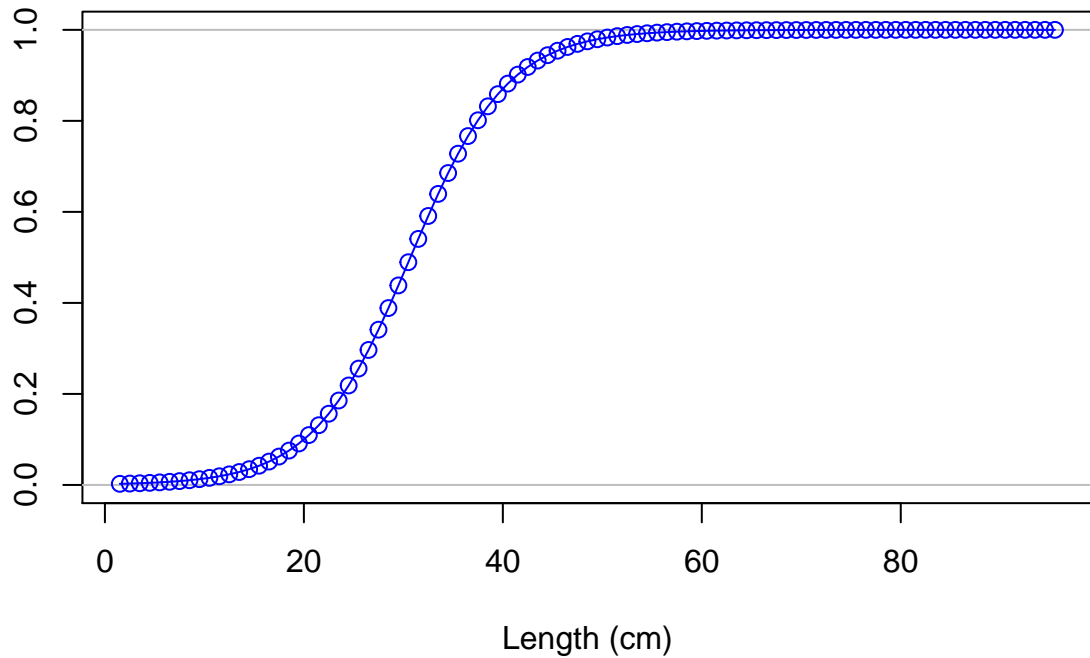
Selectivity



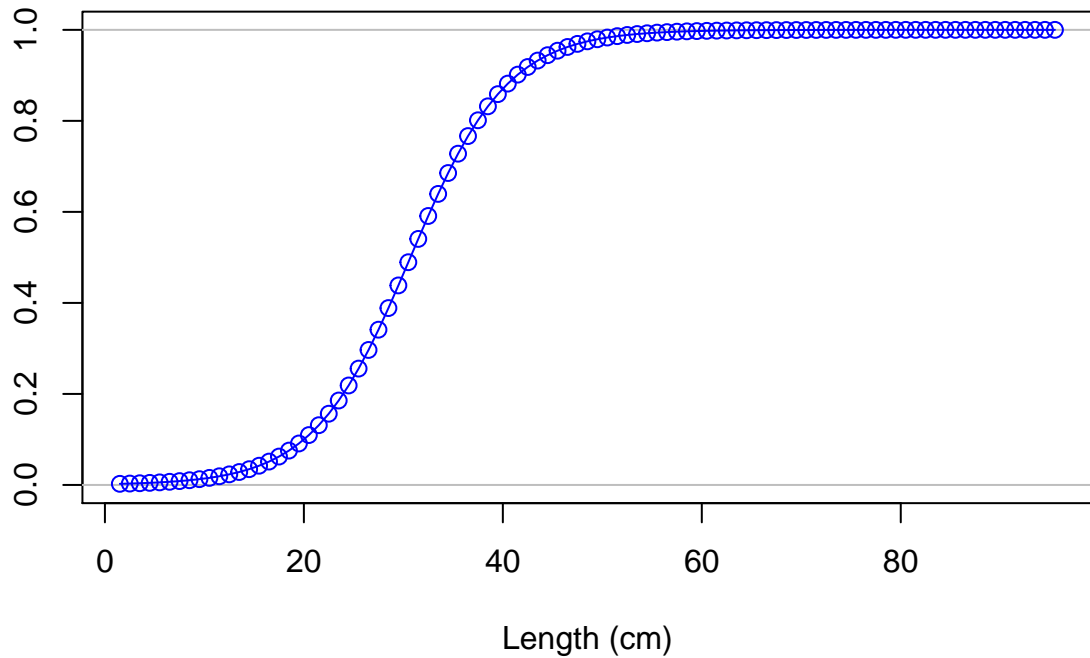
Selectivity

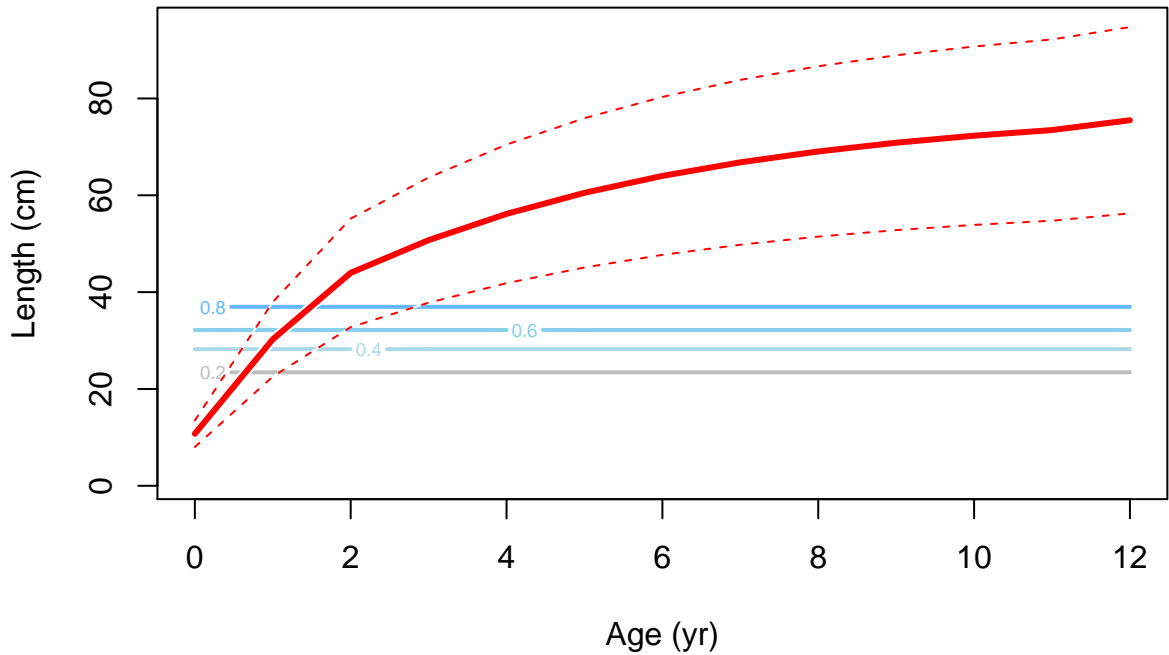


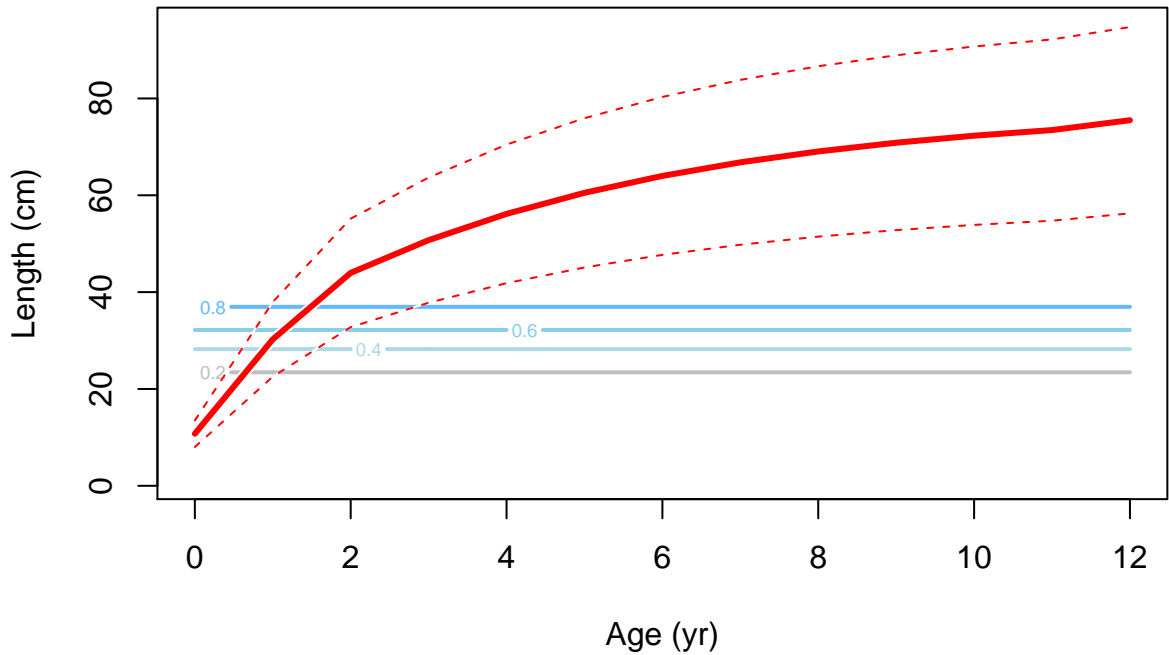
Selectivity



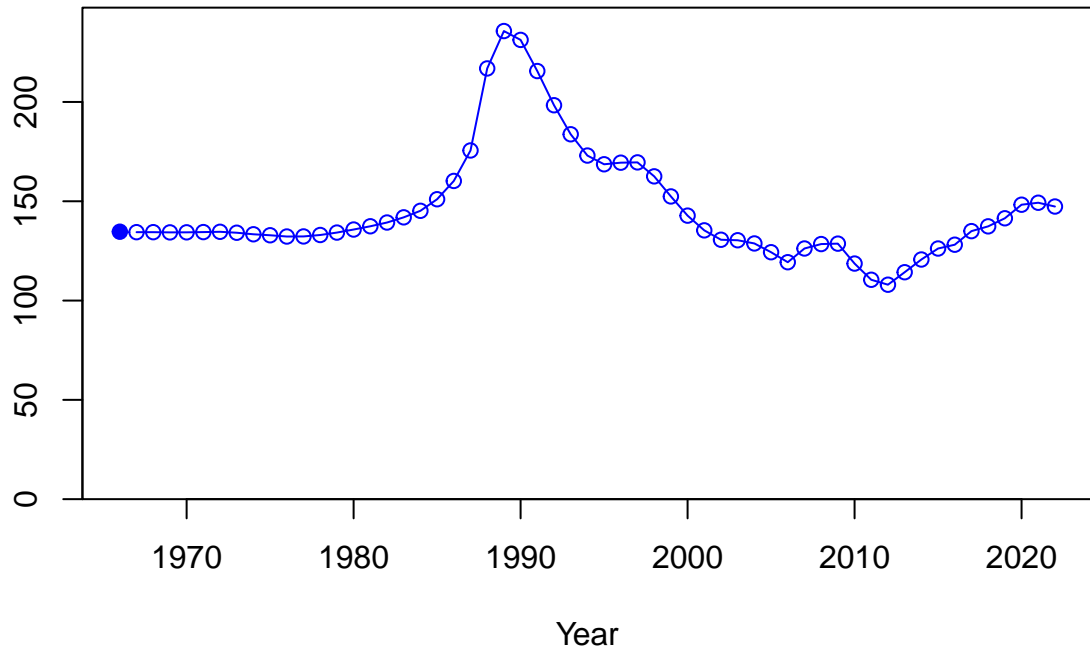
Selectivity



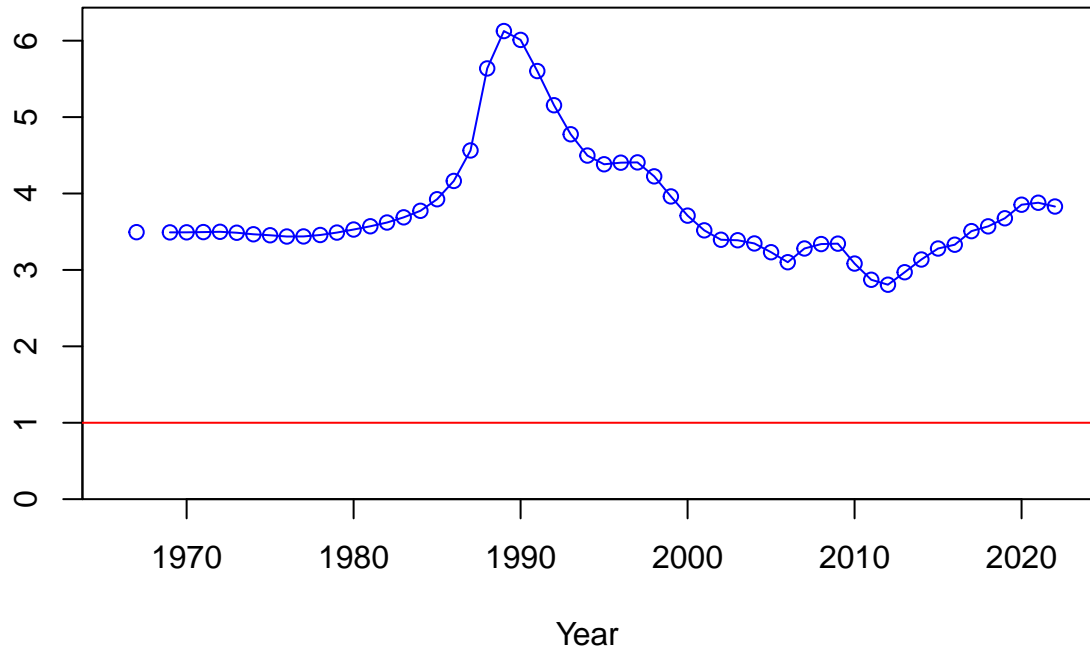


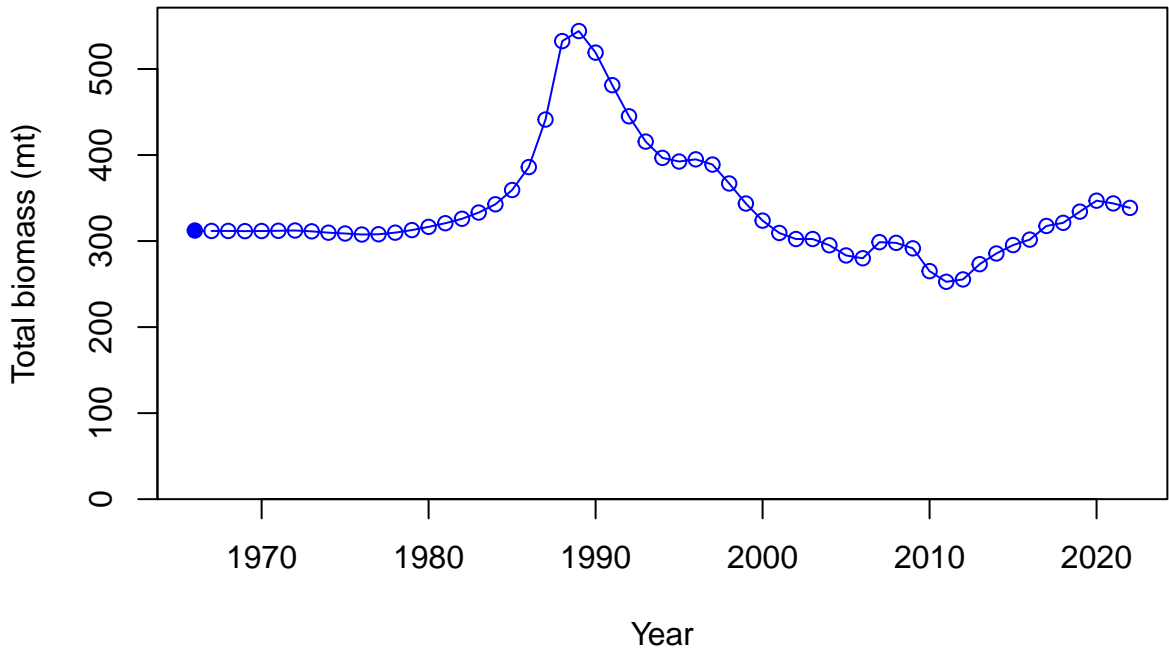


Spawning biomass (mt)

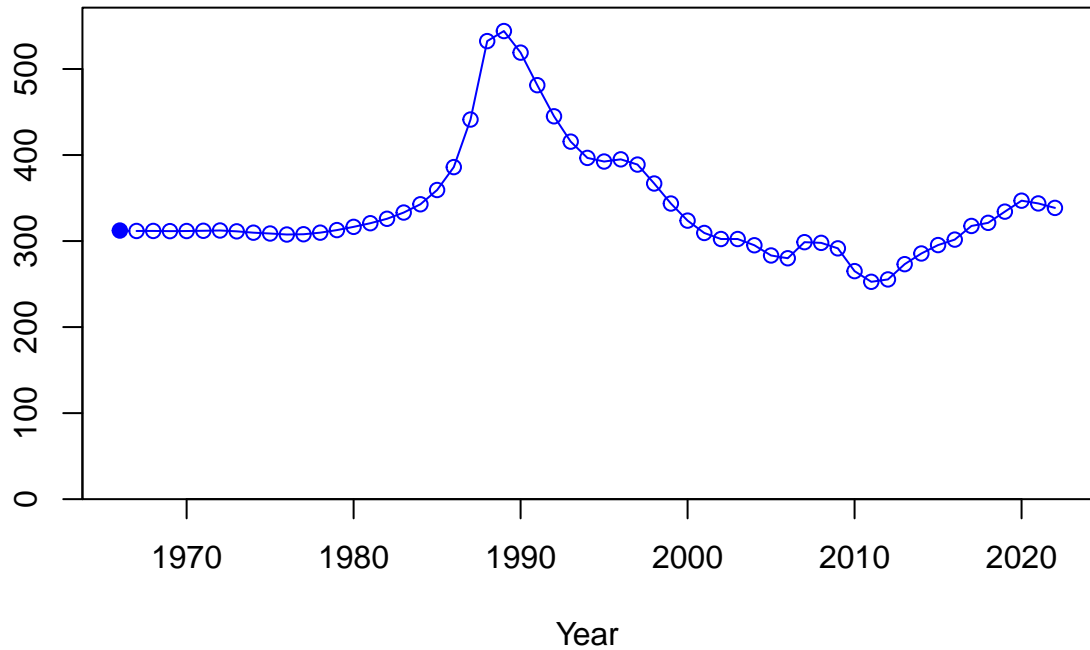


Relative spawning biomass: B/B_{MSY}

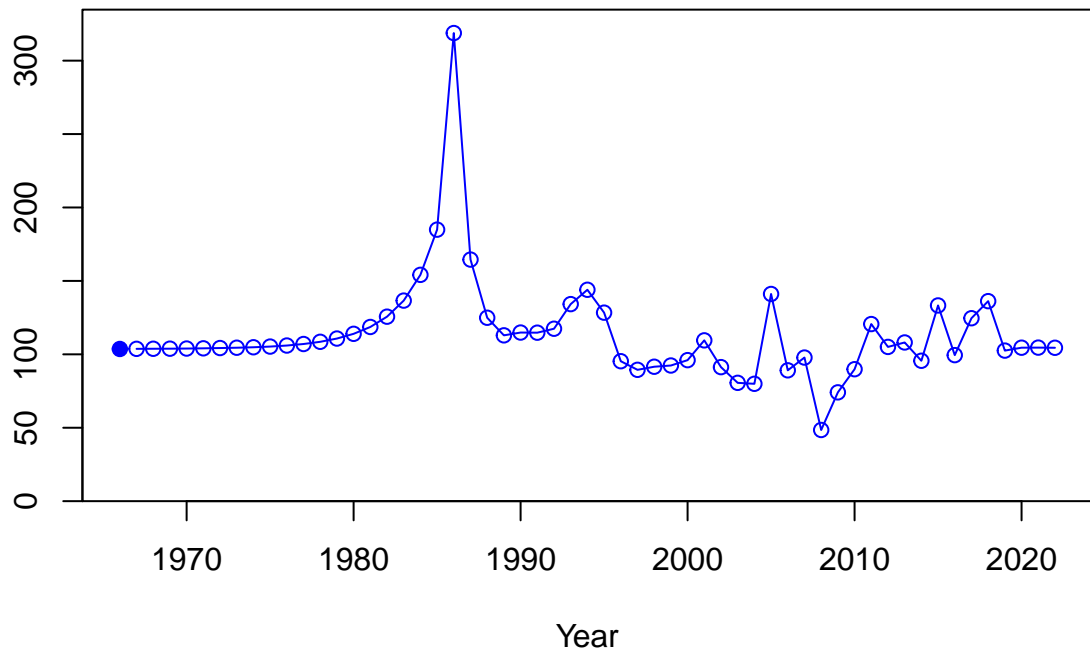




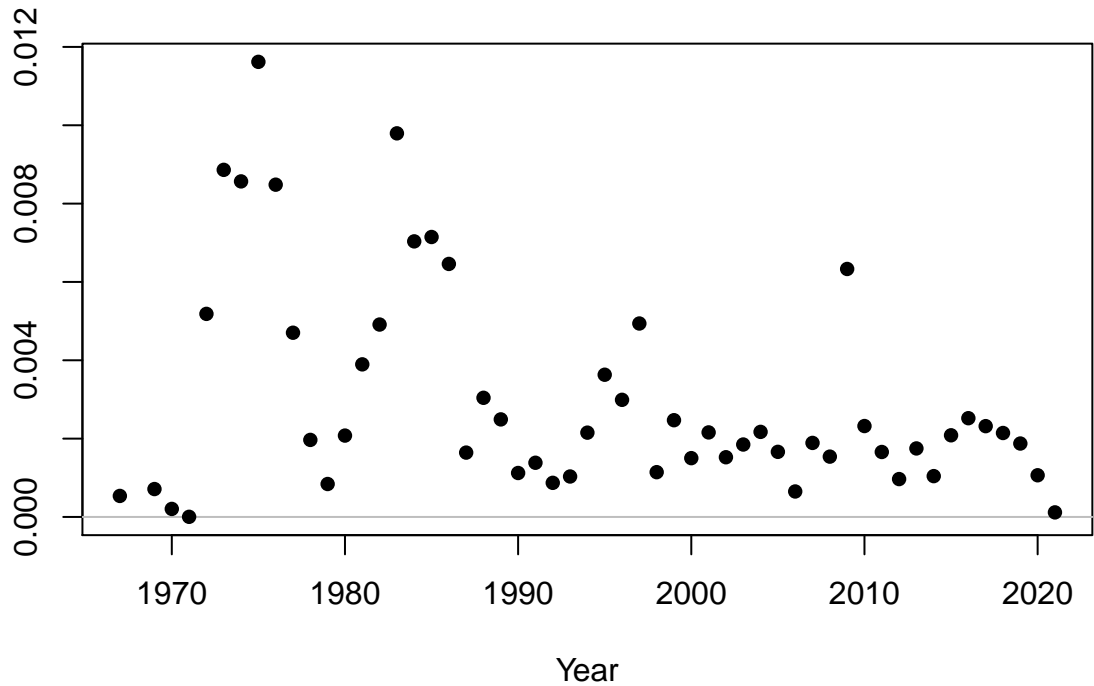
Summary biomass (mt)

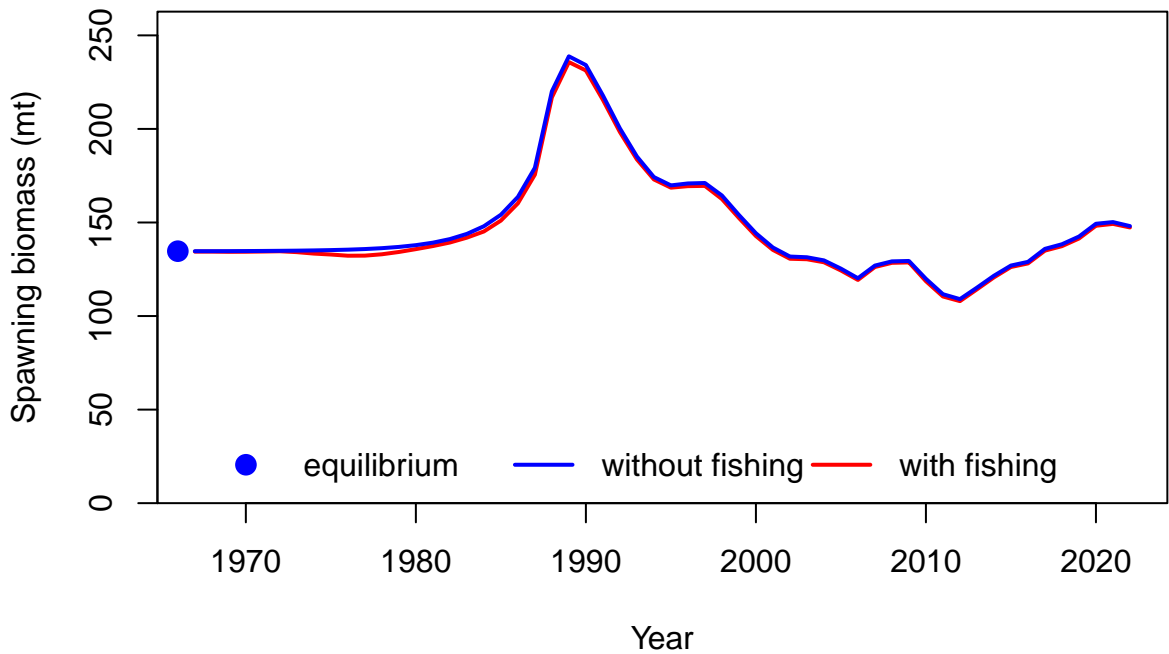


Age-0 recruits (1,000s)

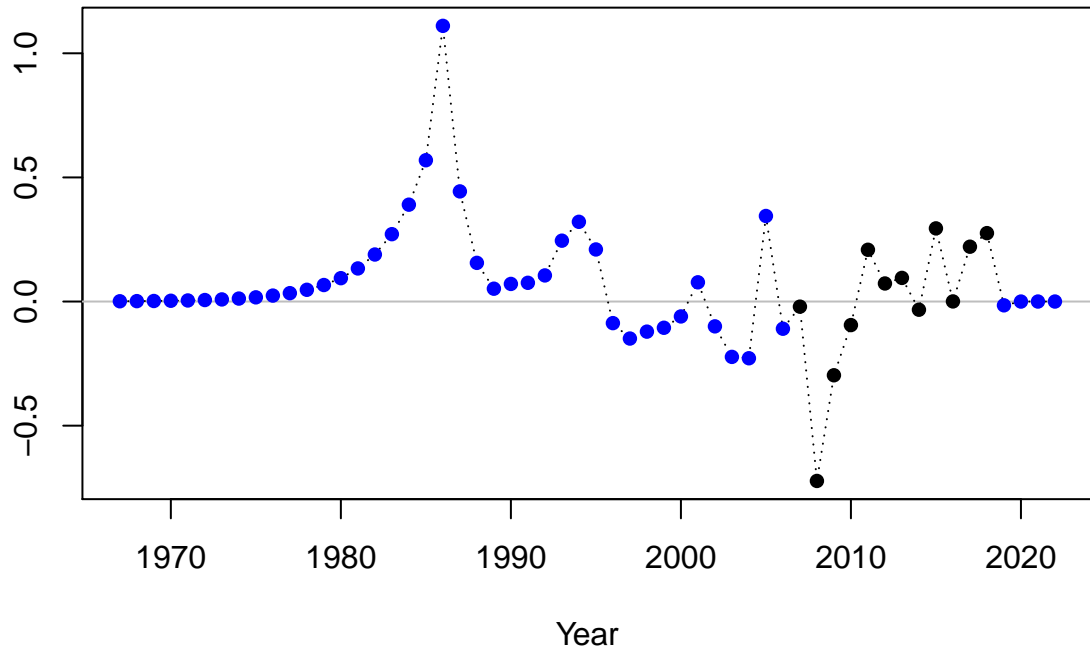


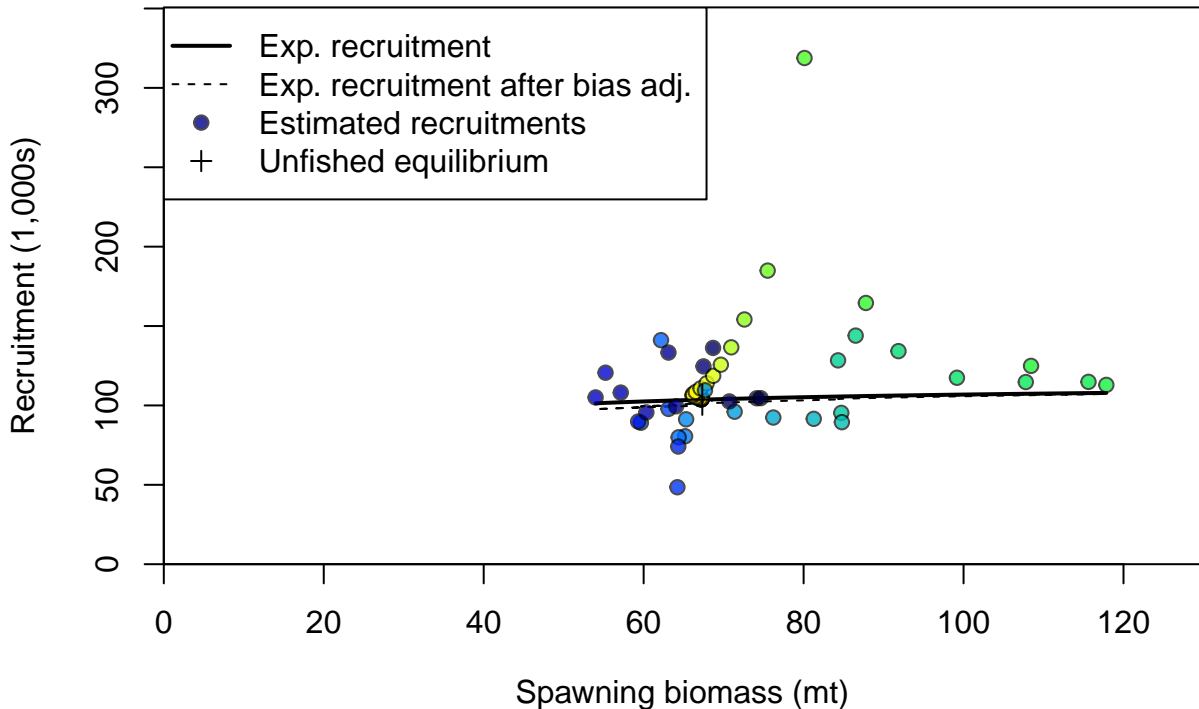
Summary Fishing Mortality

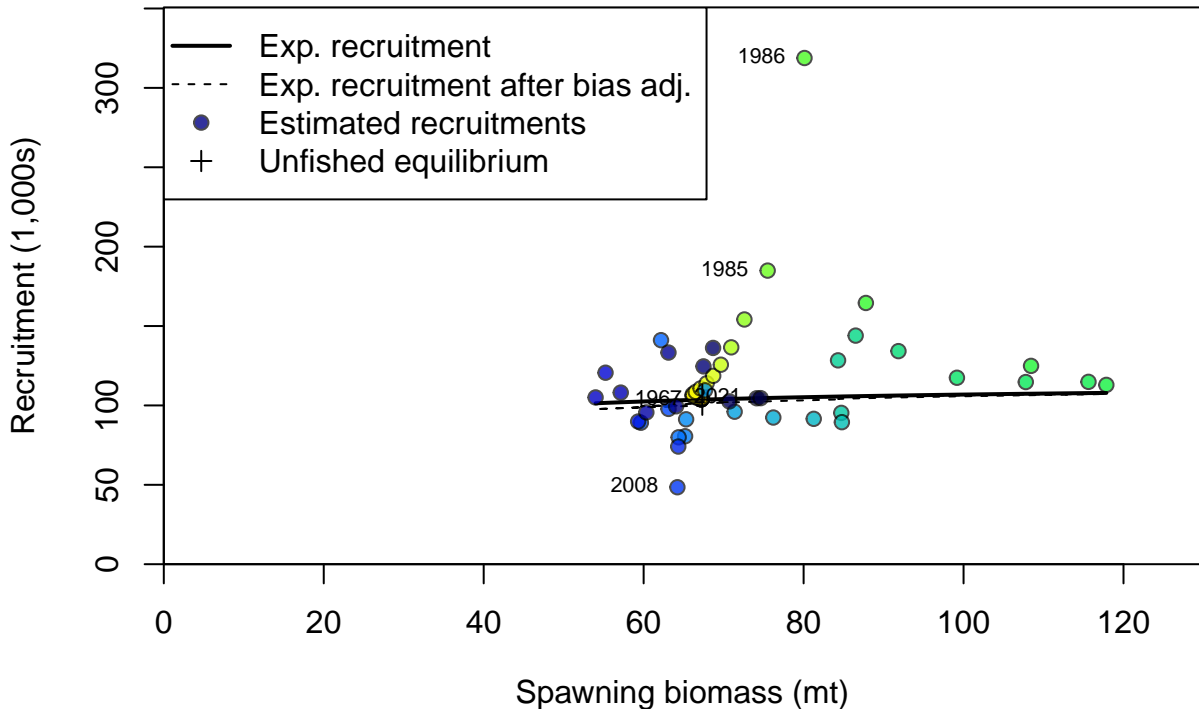


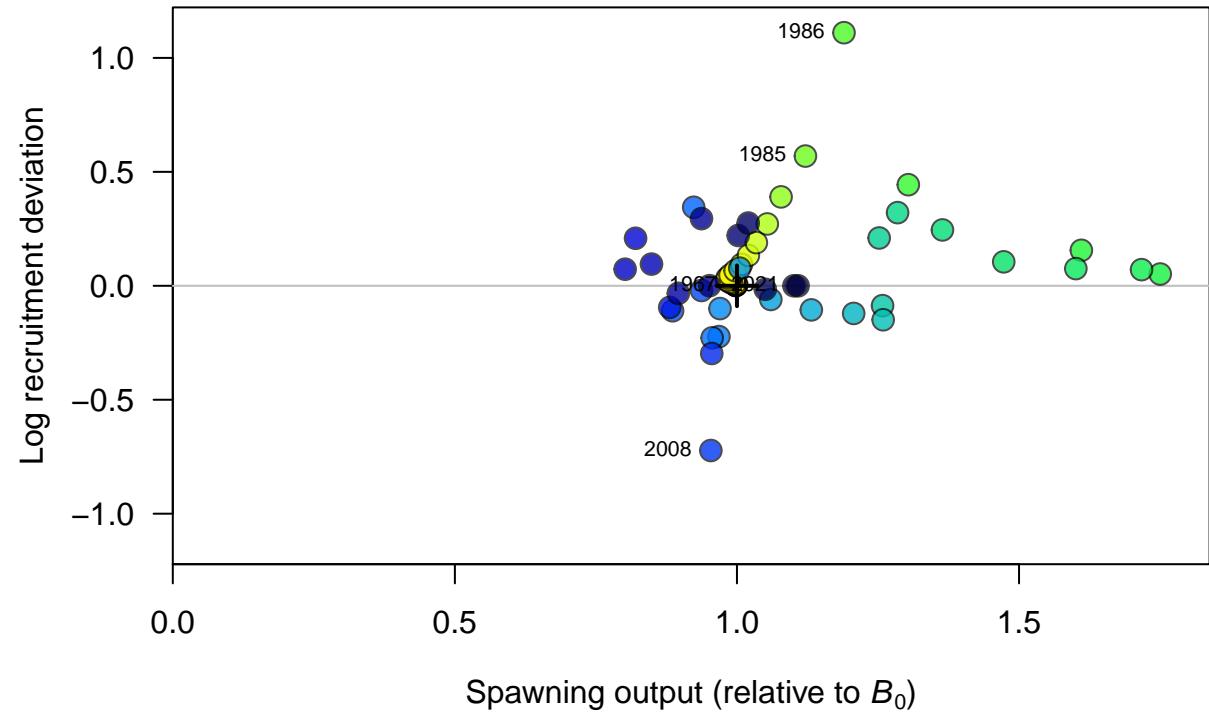


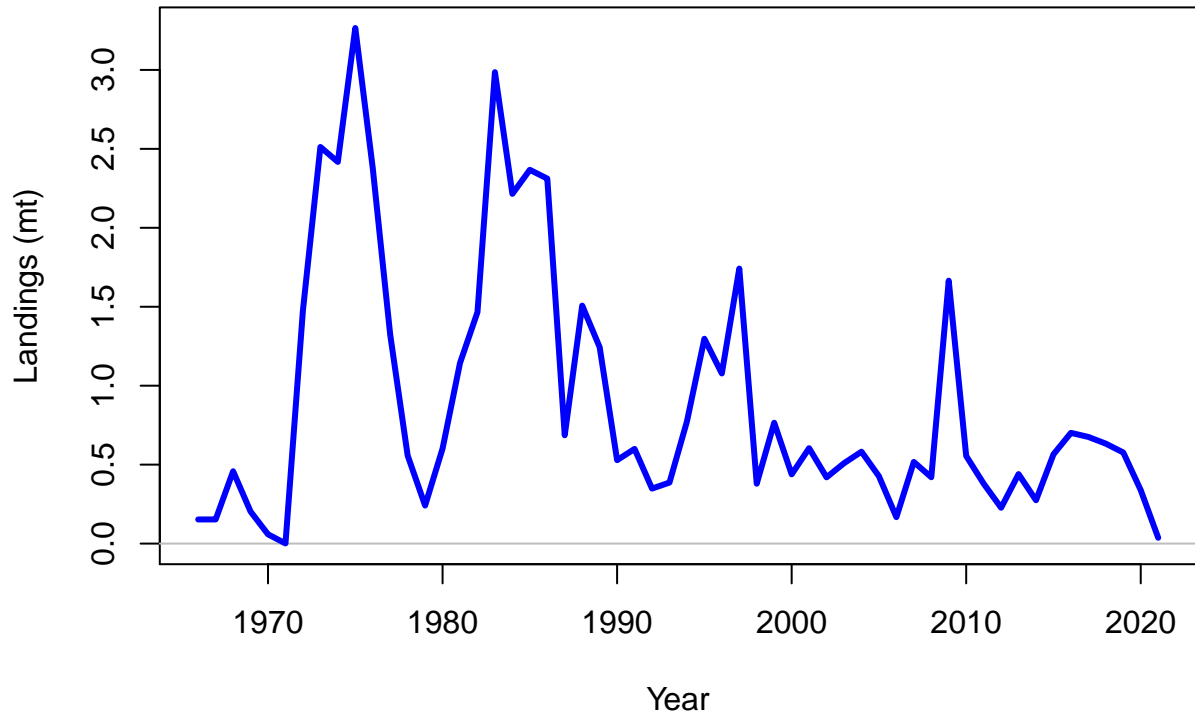
Log recruitment deviation



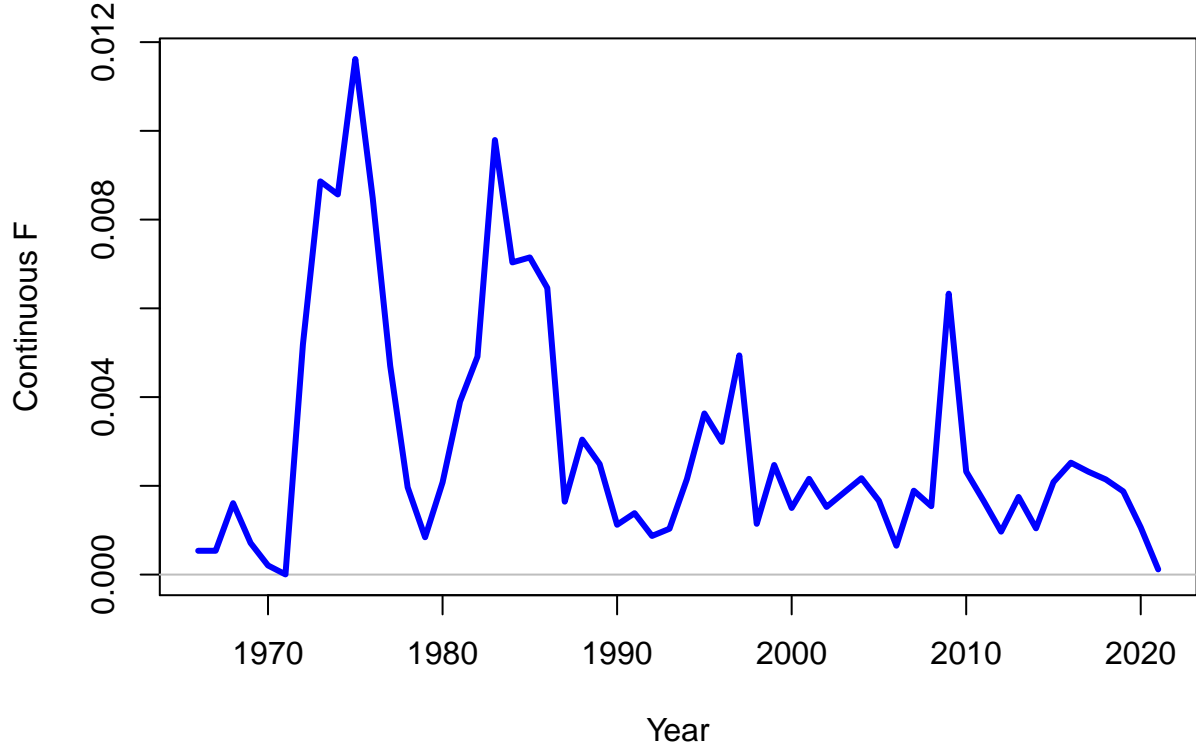




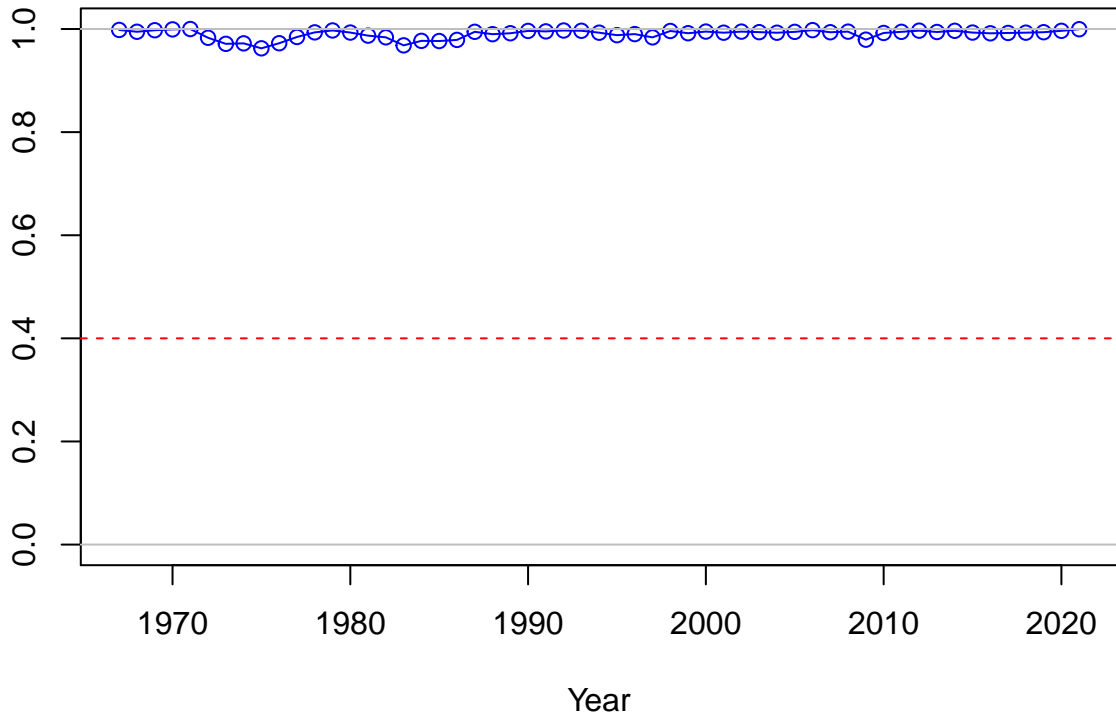




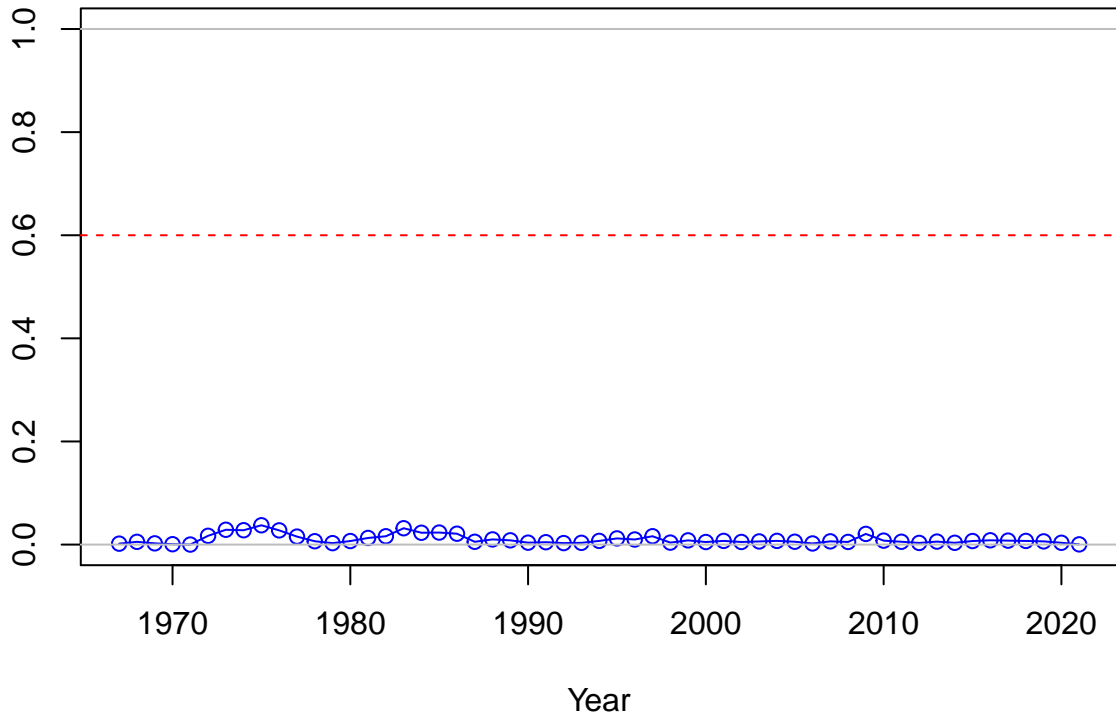




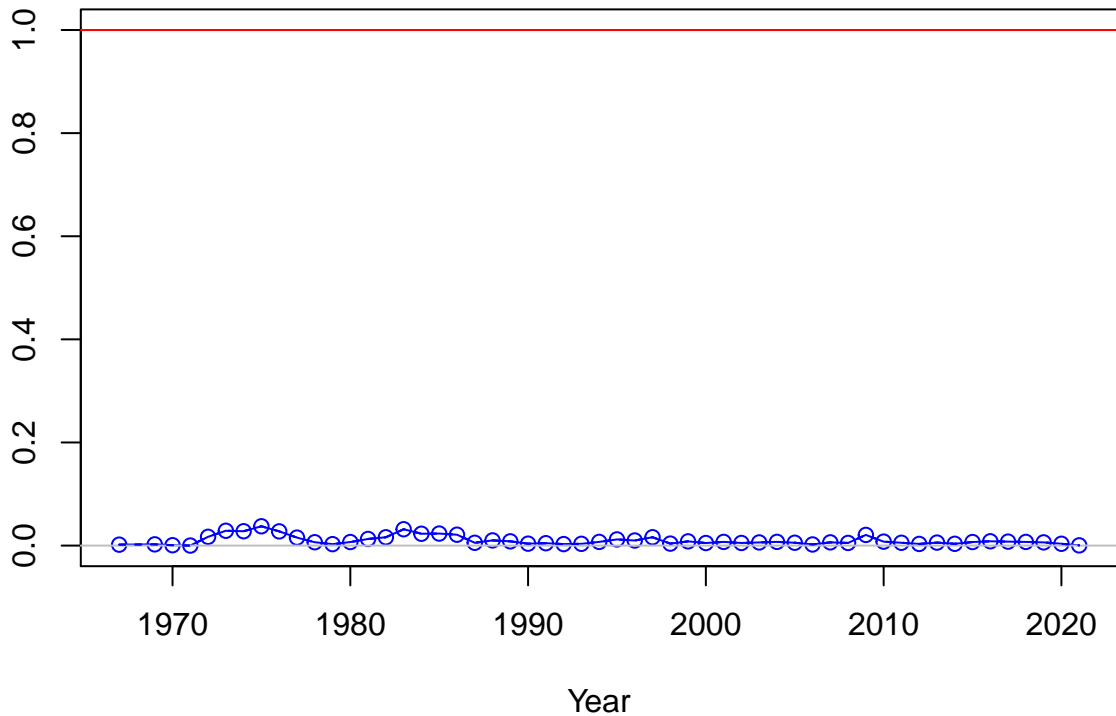
SPR



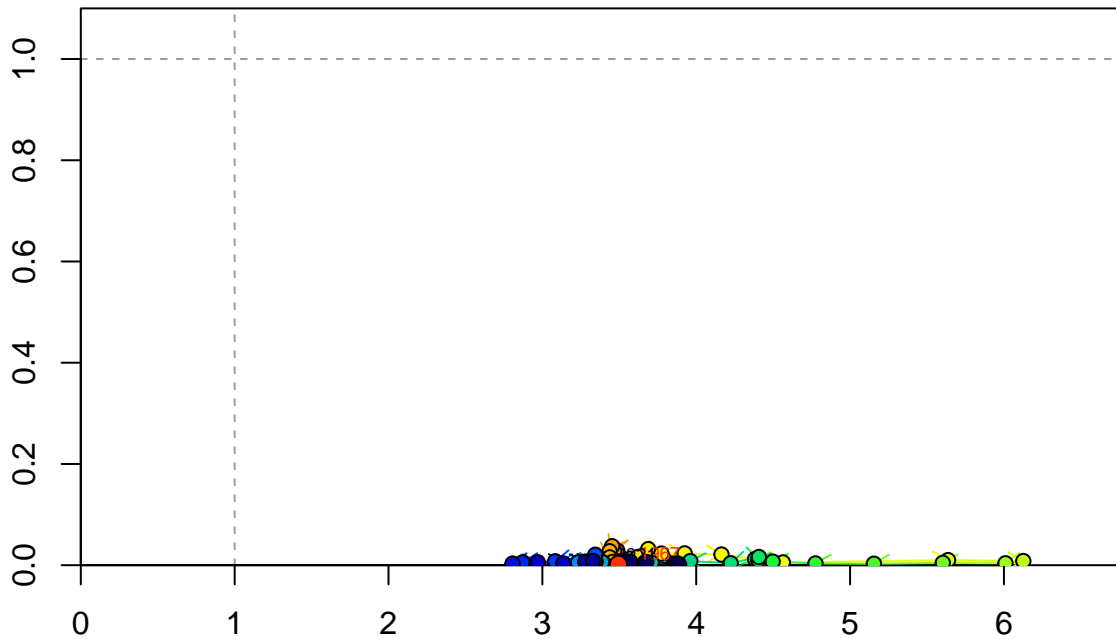
1-SPR



Fishing intensity: 1-SPR

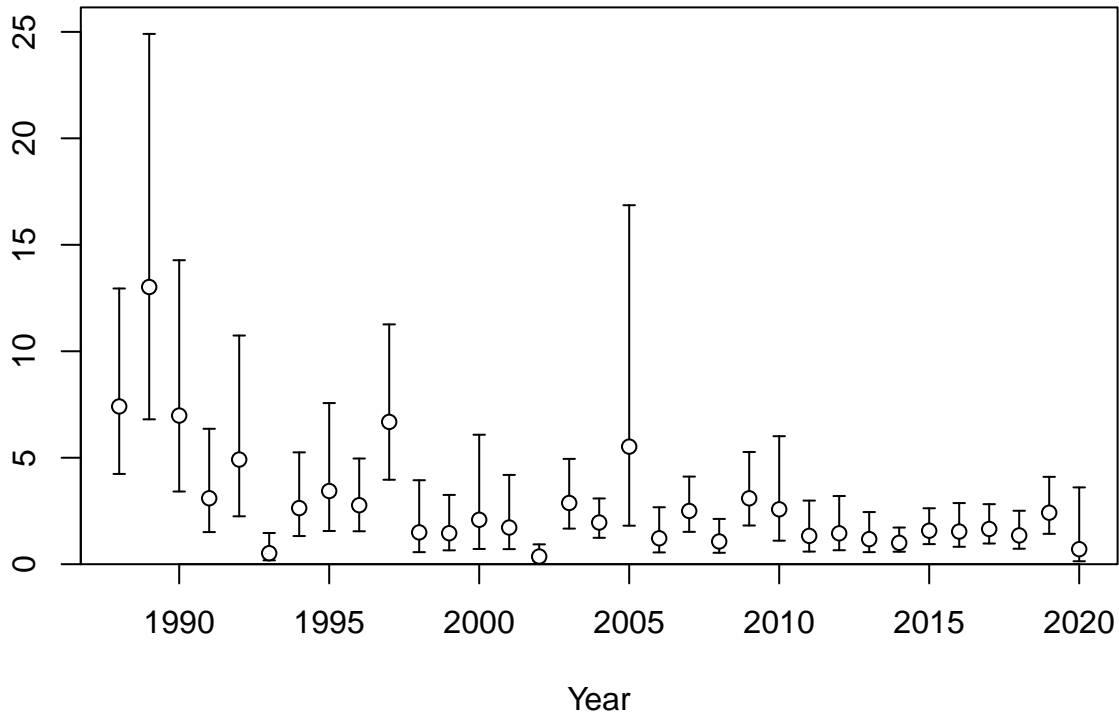


Fishing intensity: 1-SPR

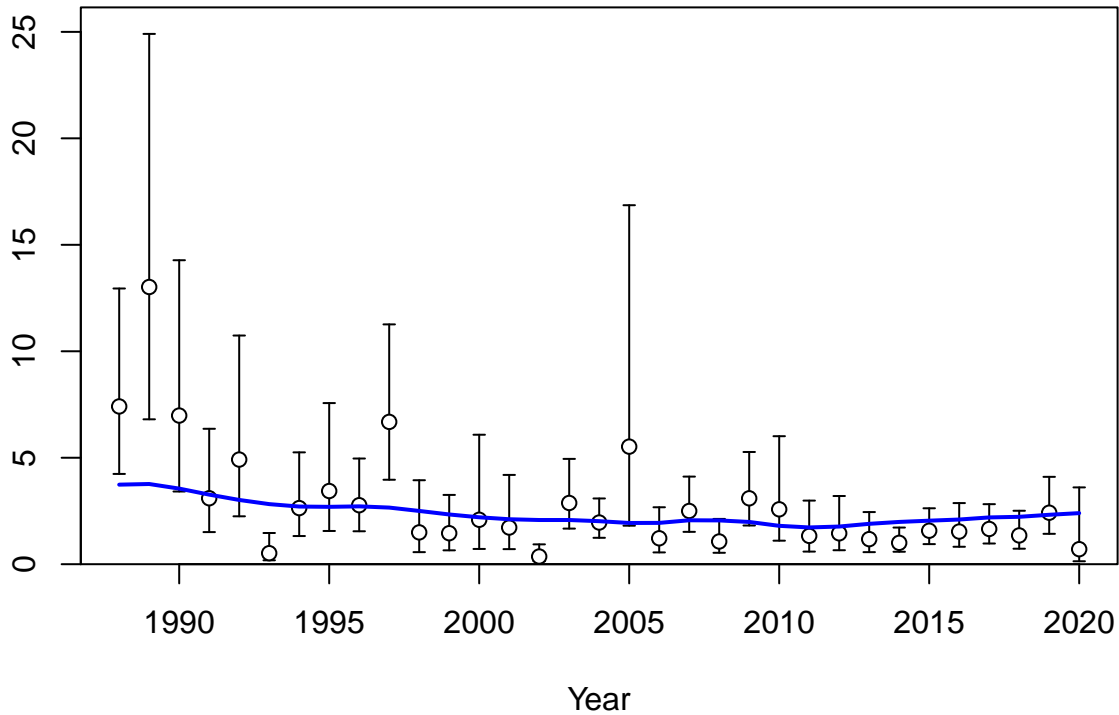


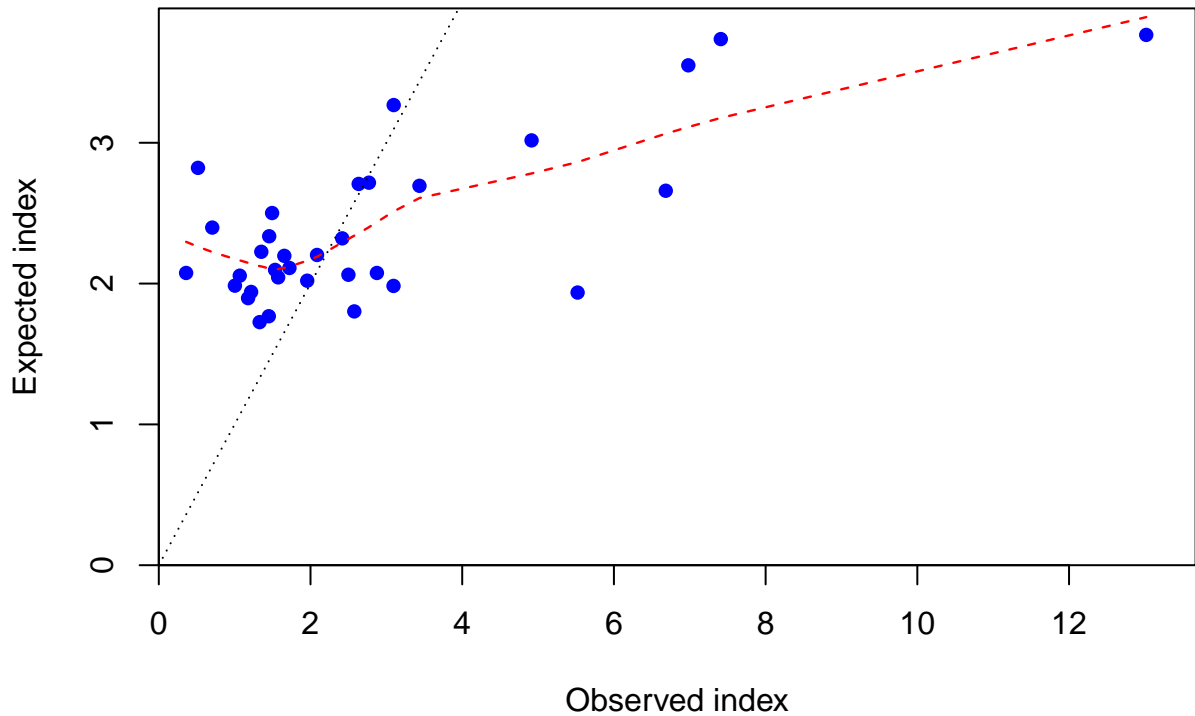
Relative spawning output: B/B_{MSY}

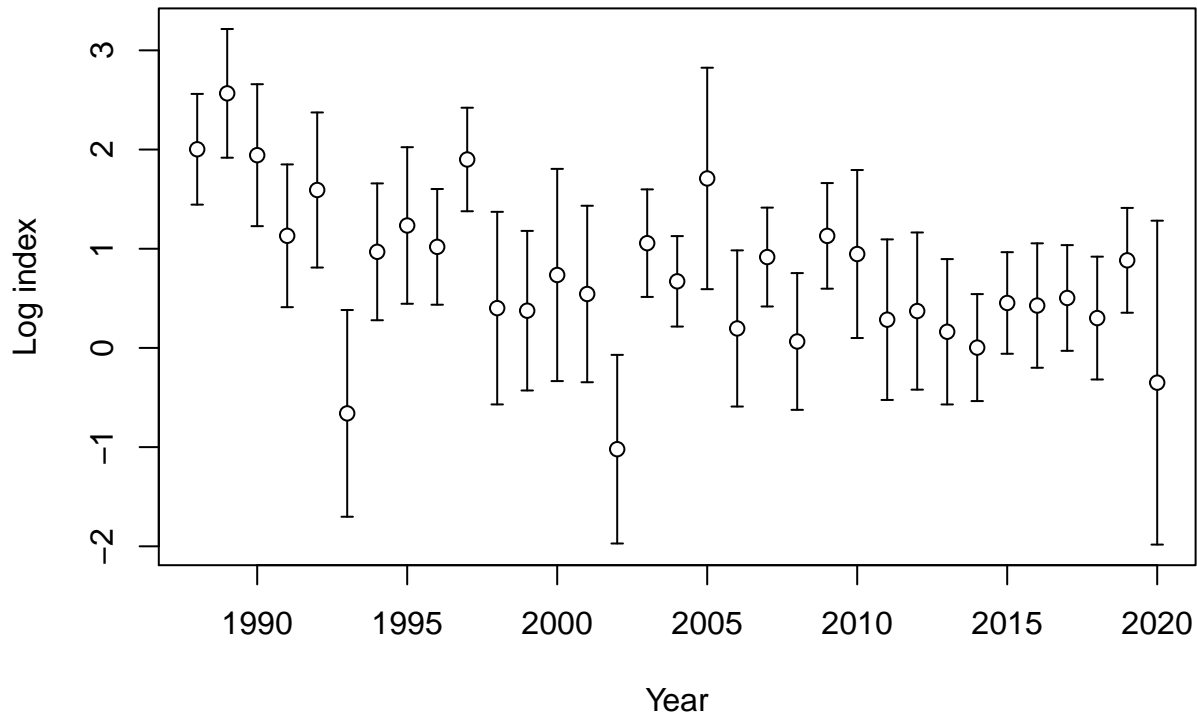
Index

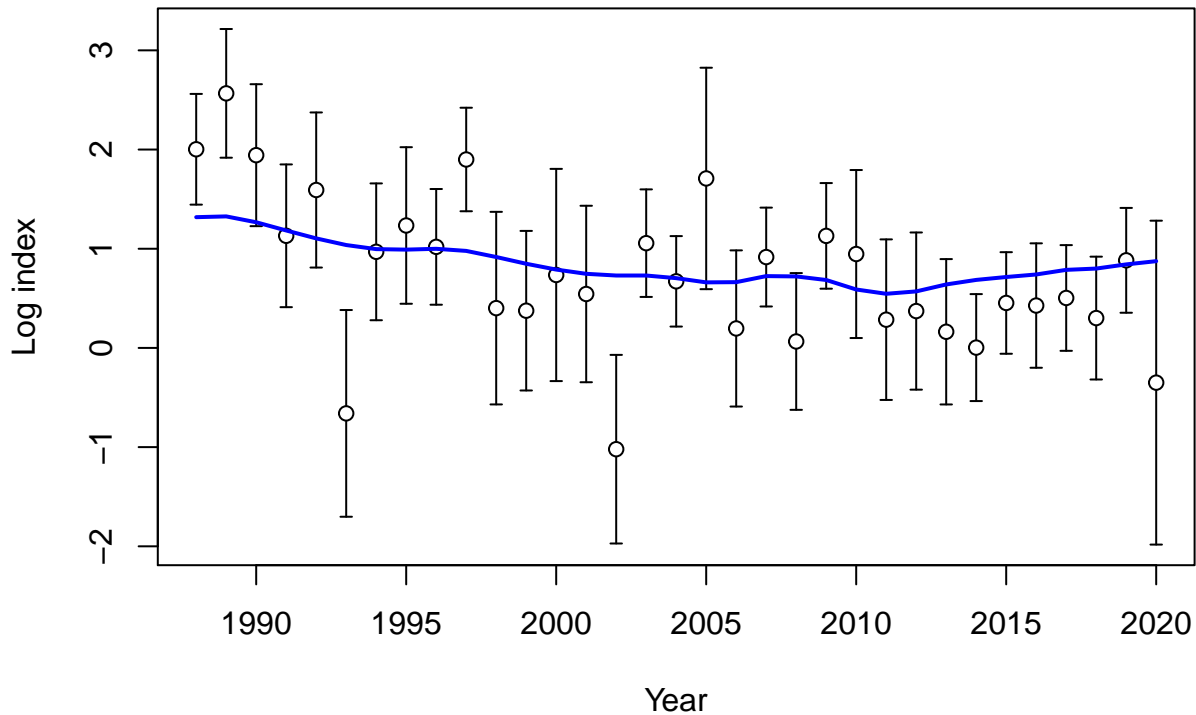


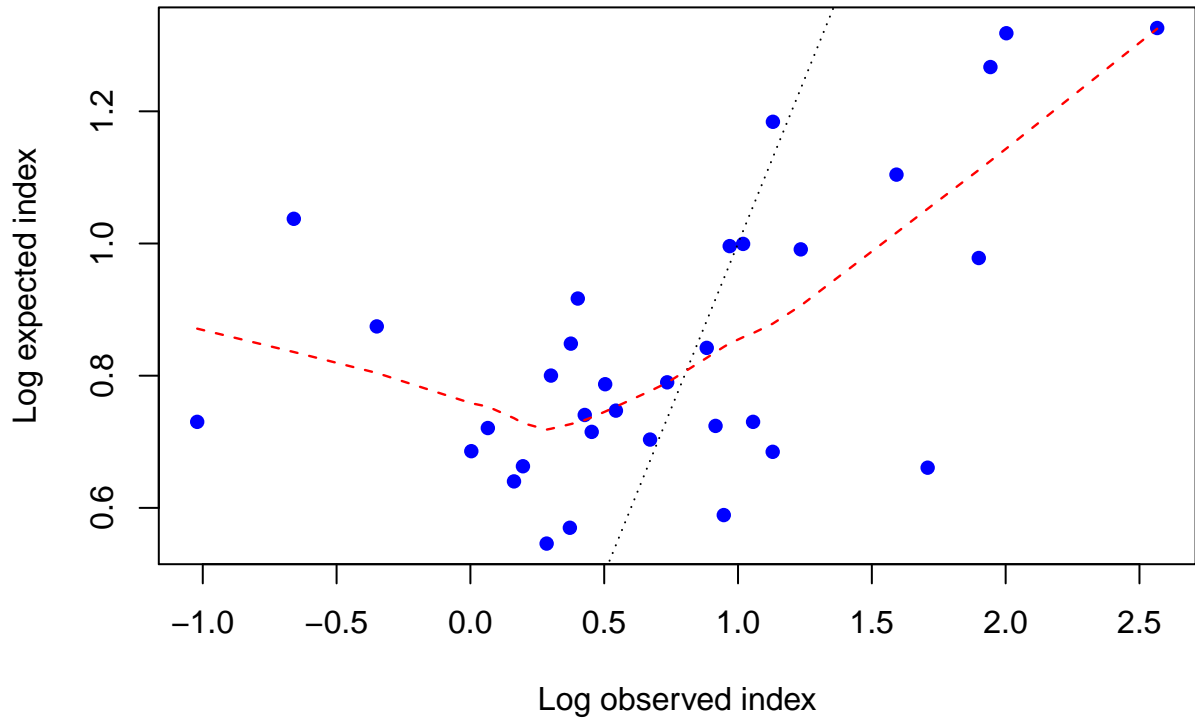
Index

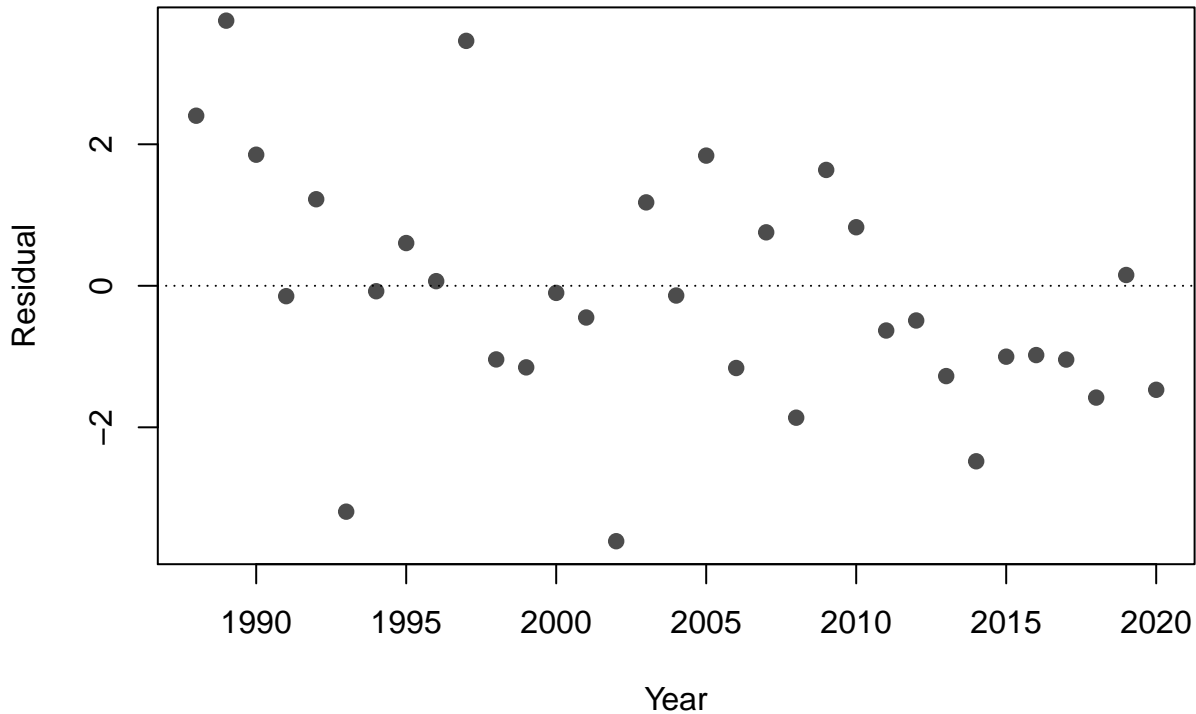


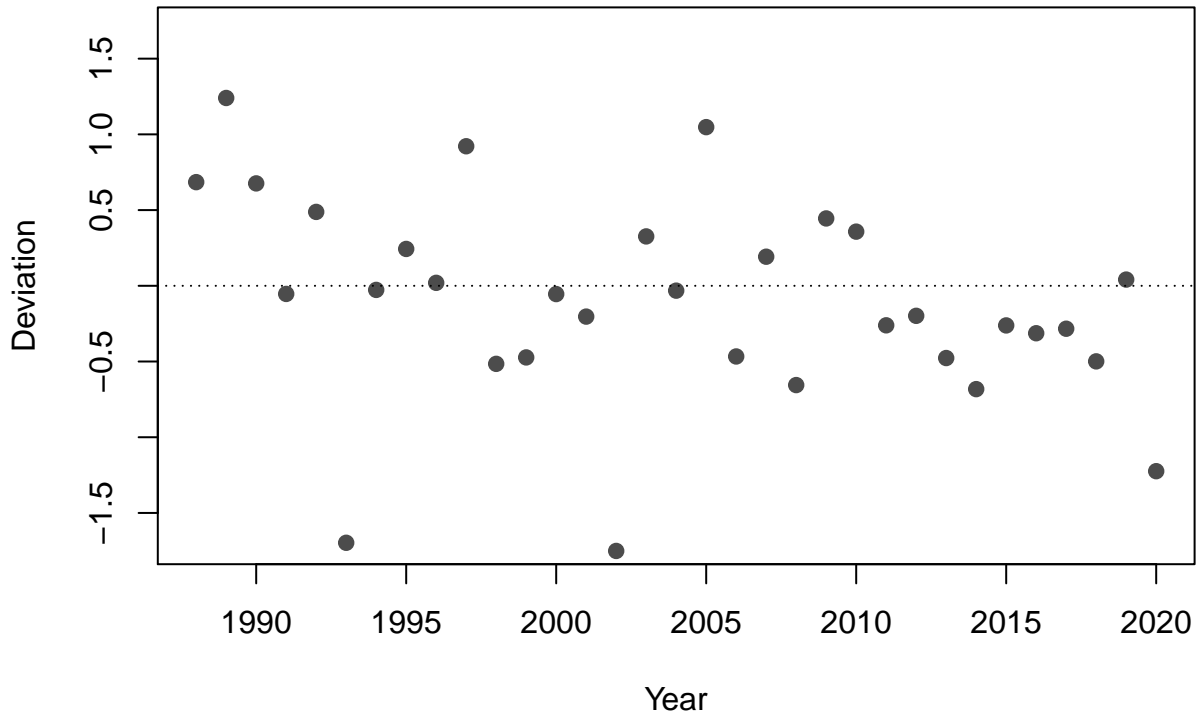




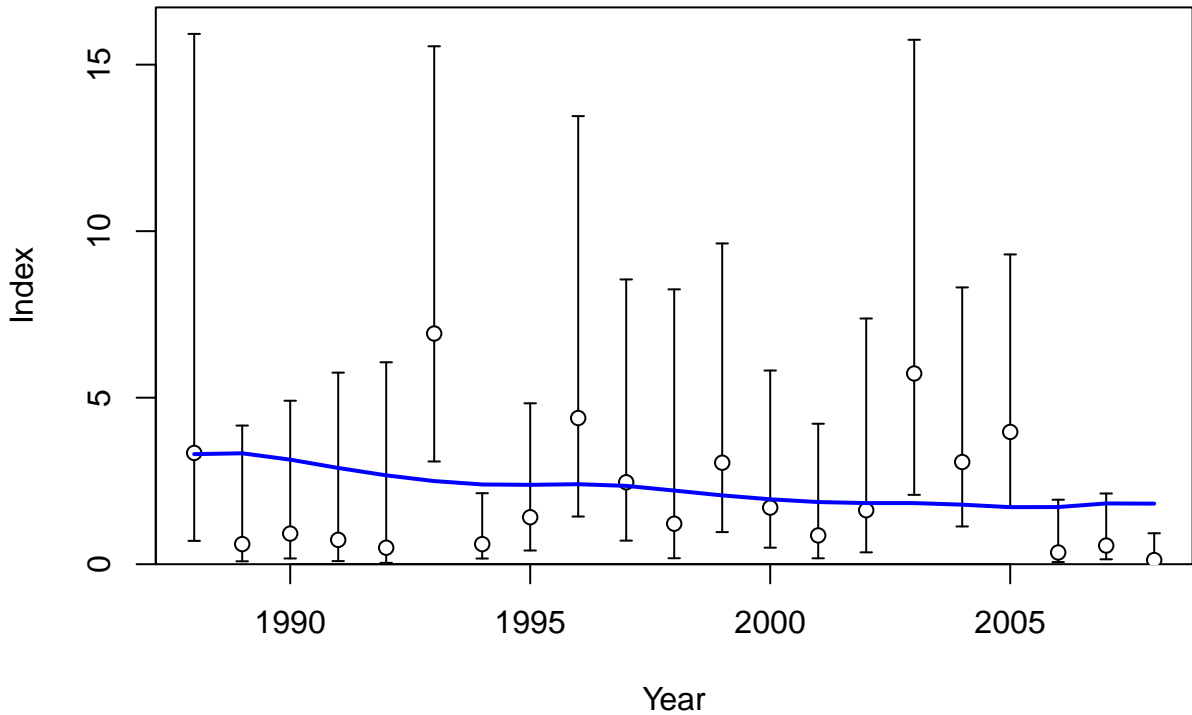


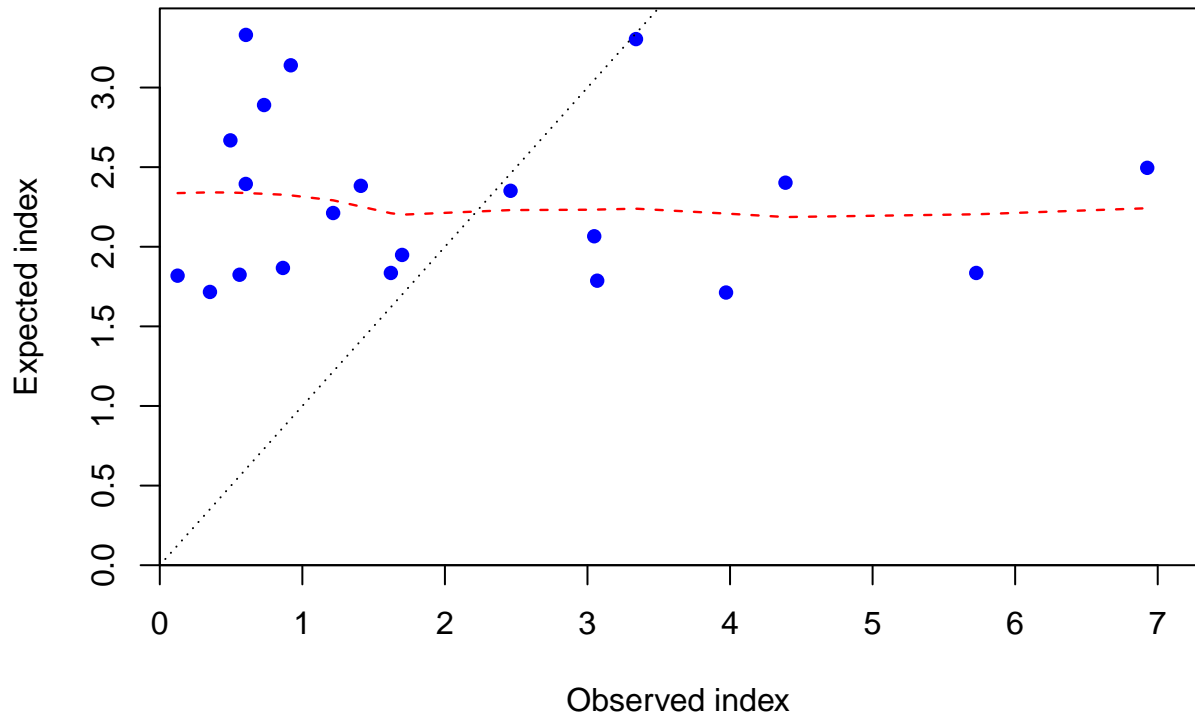








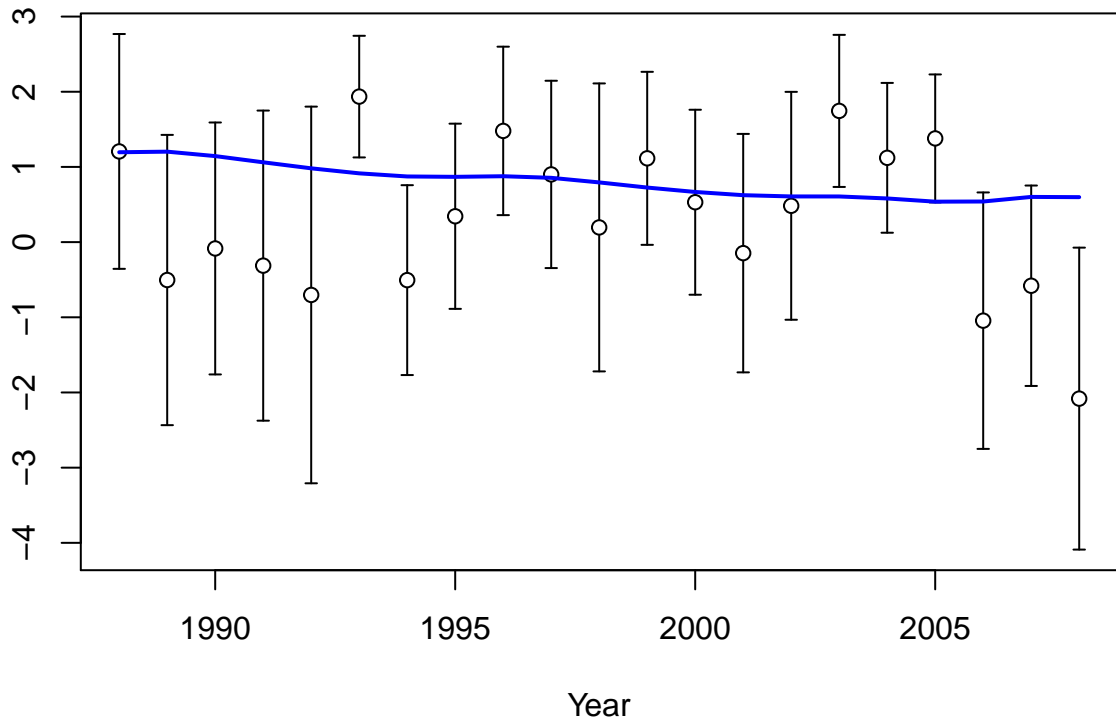


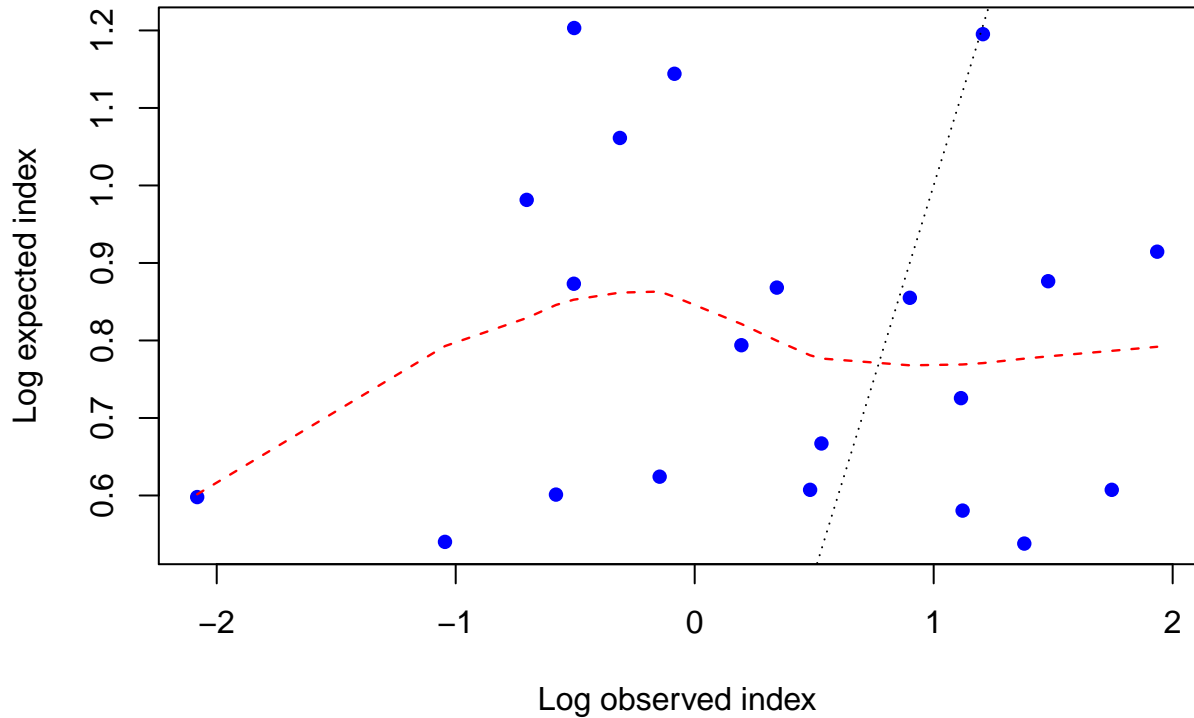


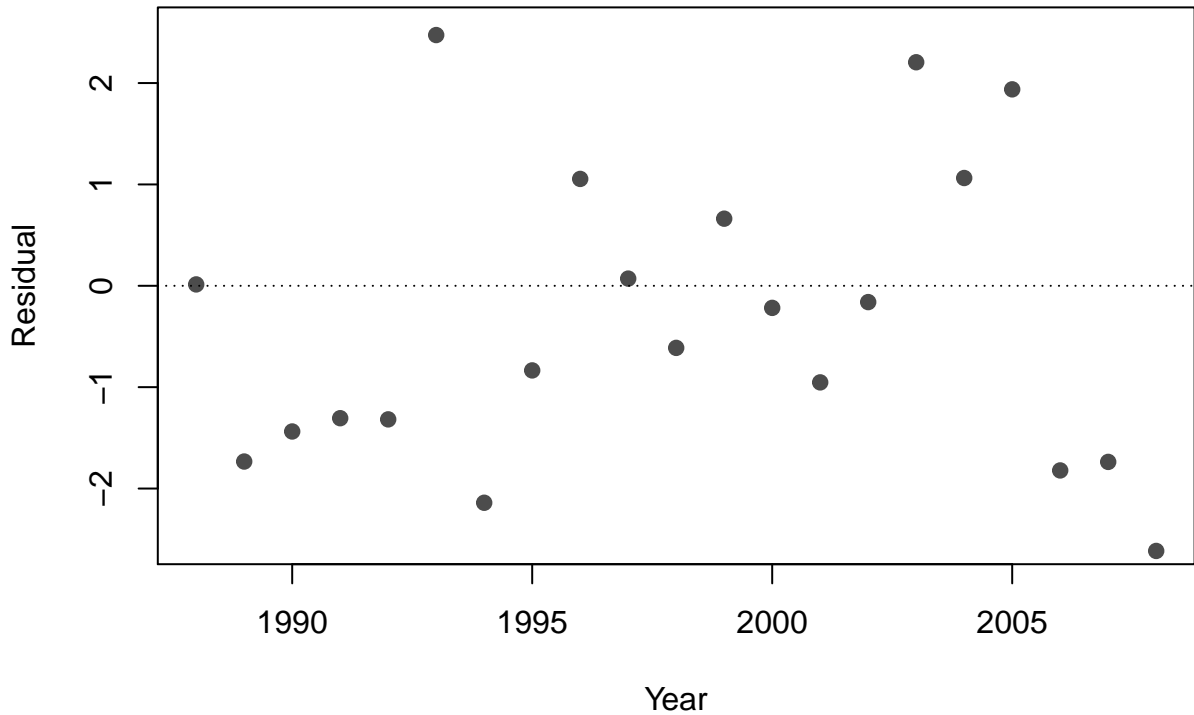
Log index

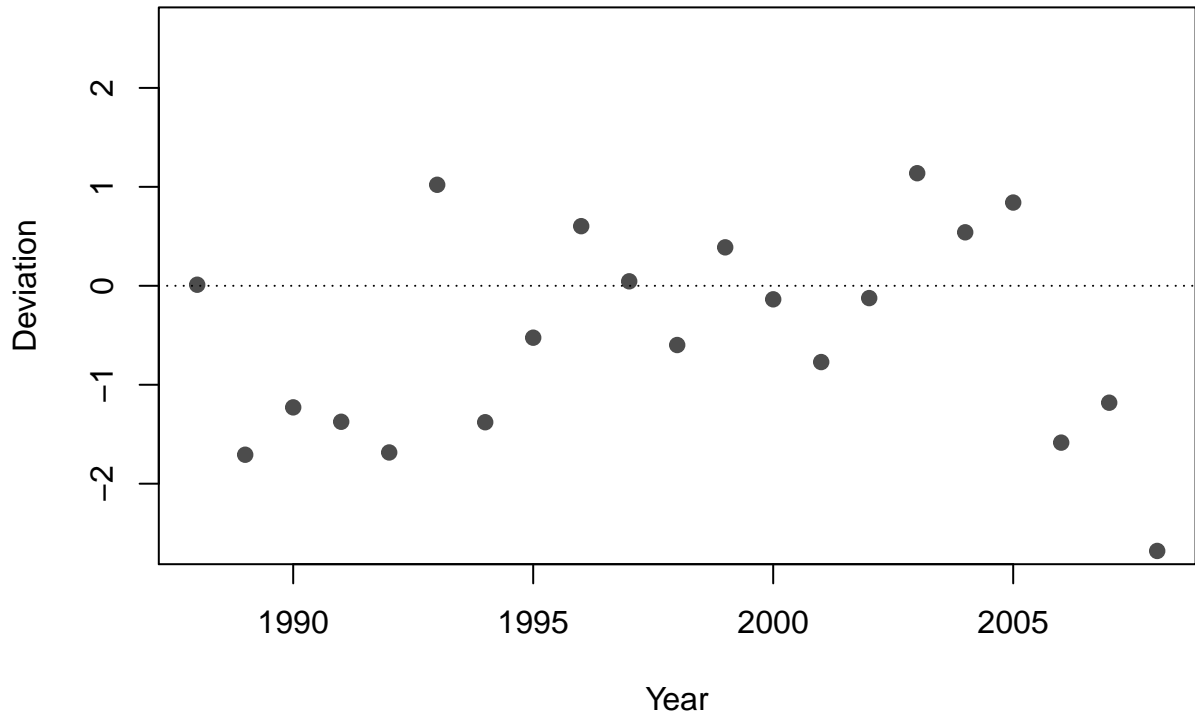


Log index



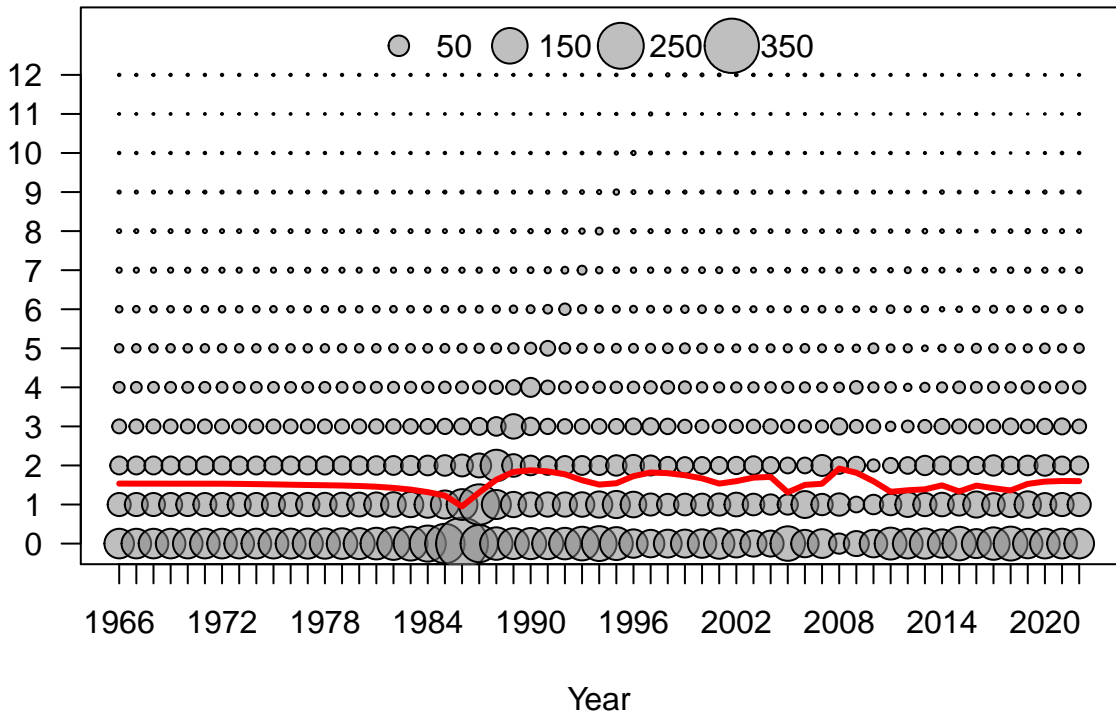




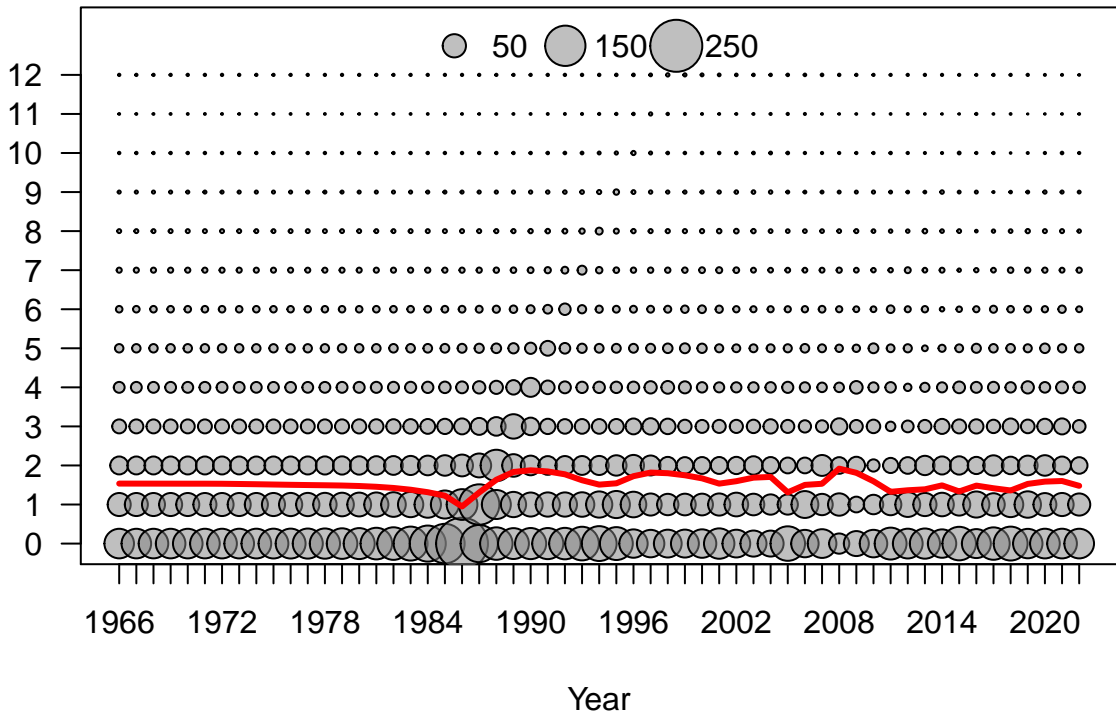


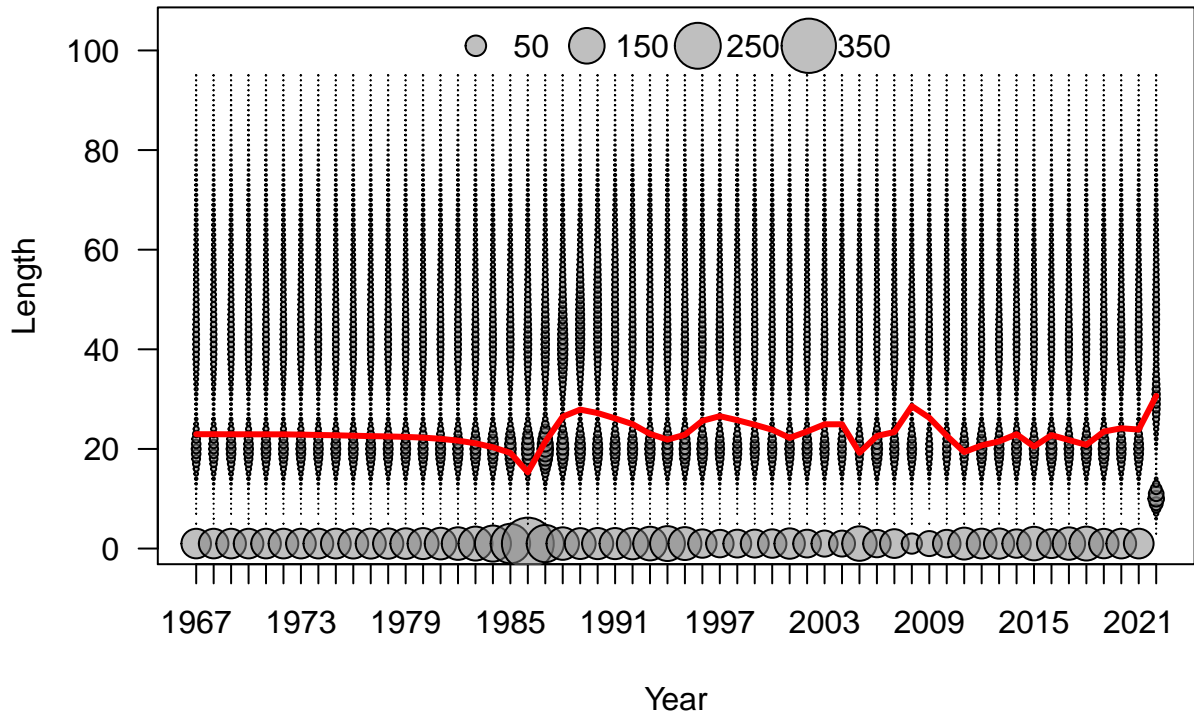


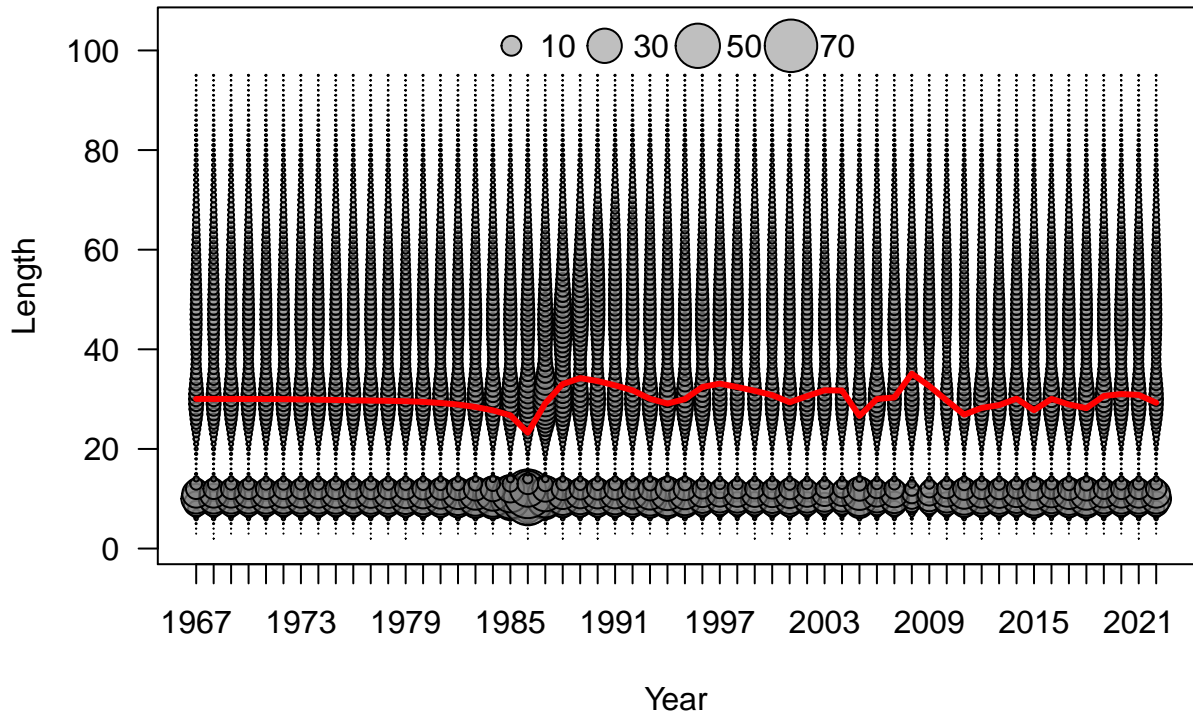
Age

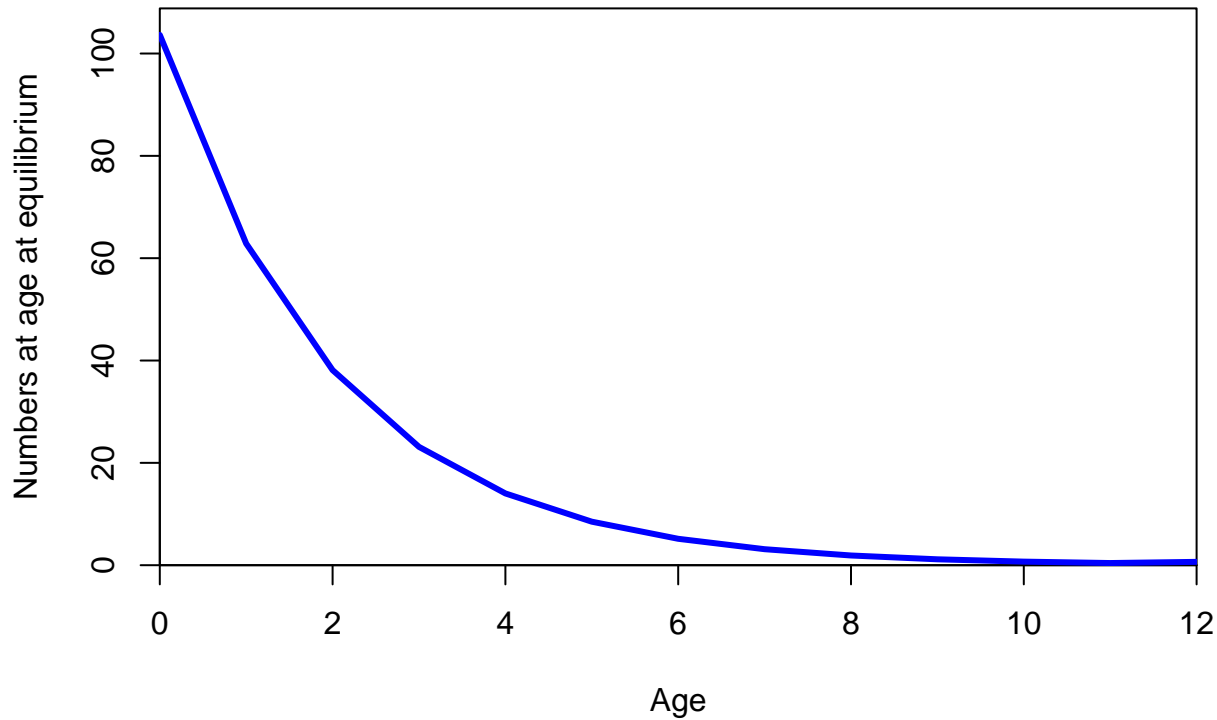


Age



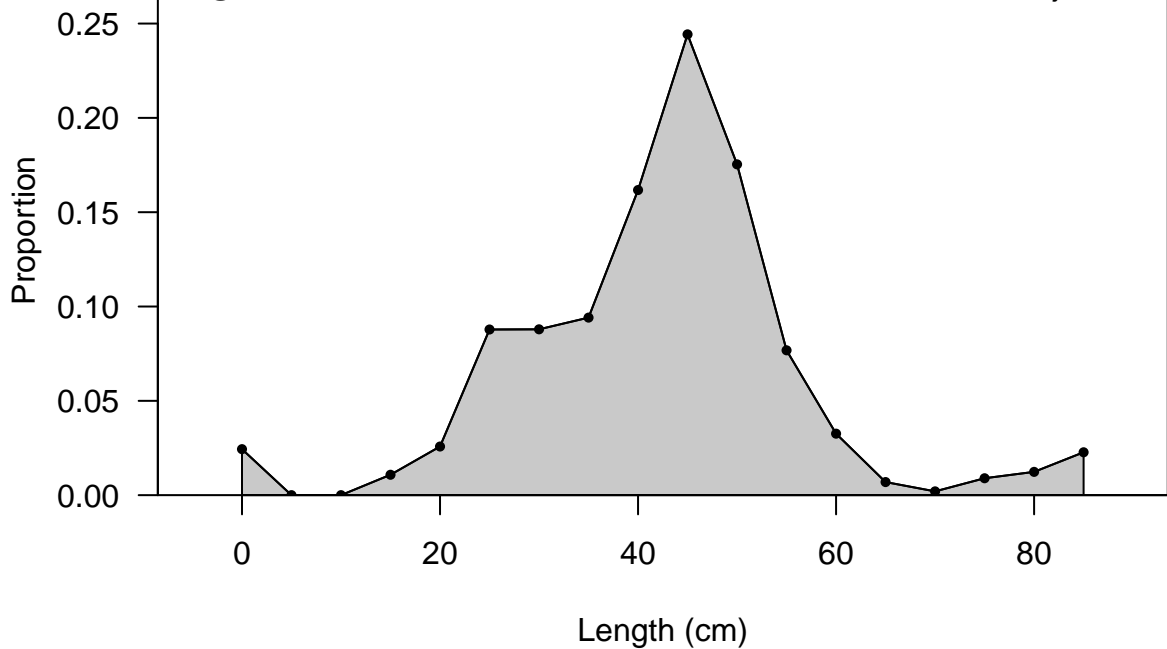


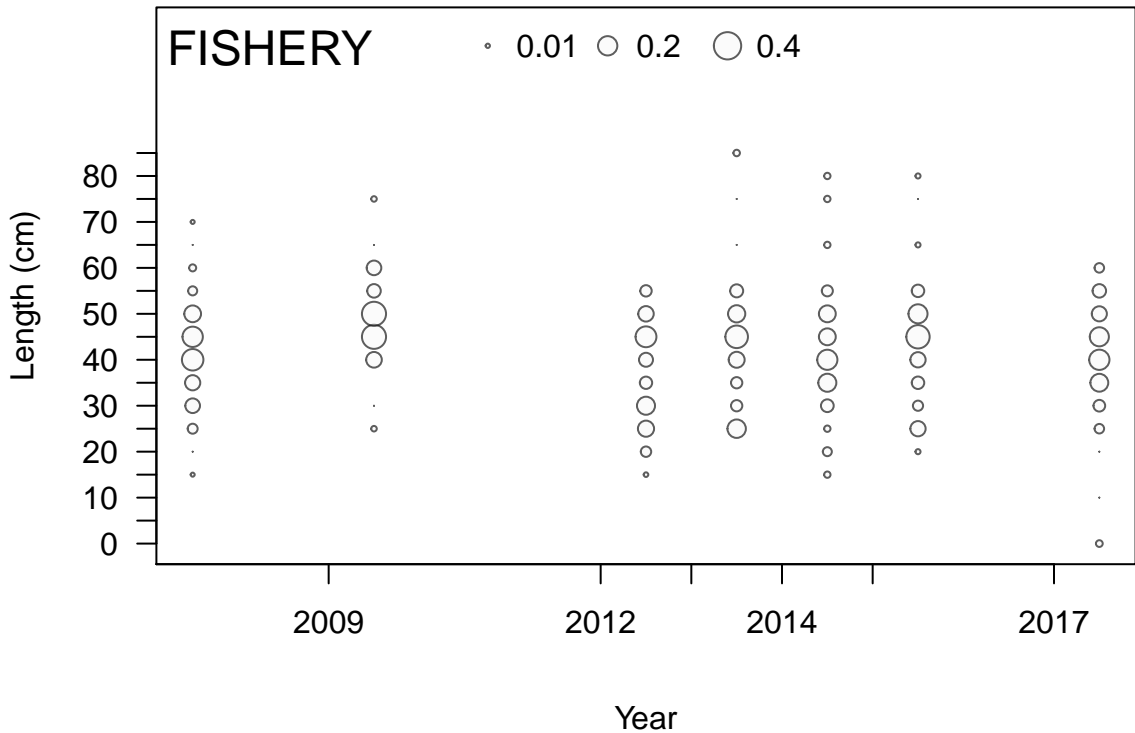




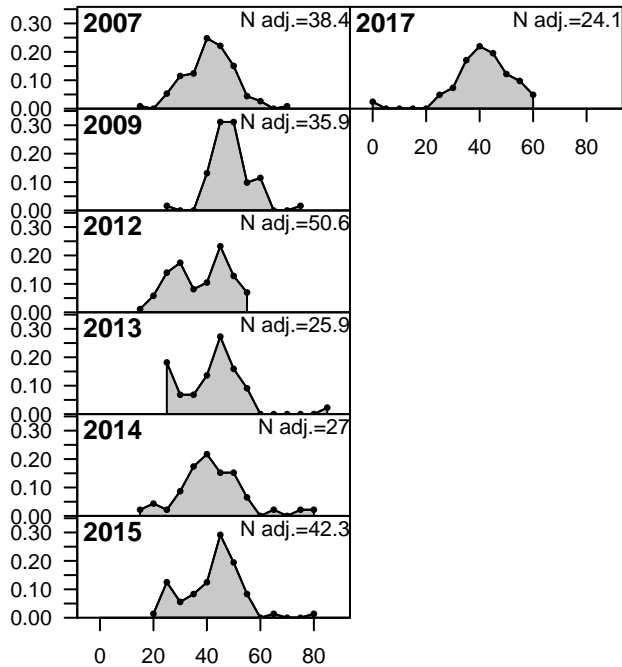
FISHERY

Sum of N adj.=244.2





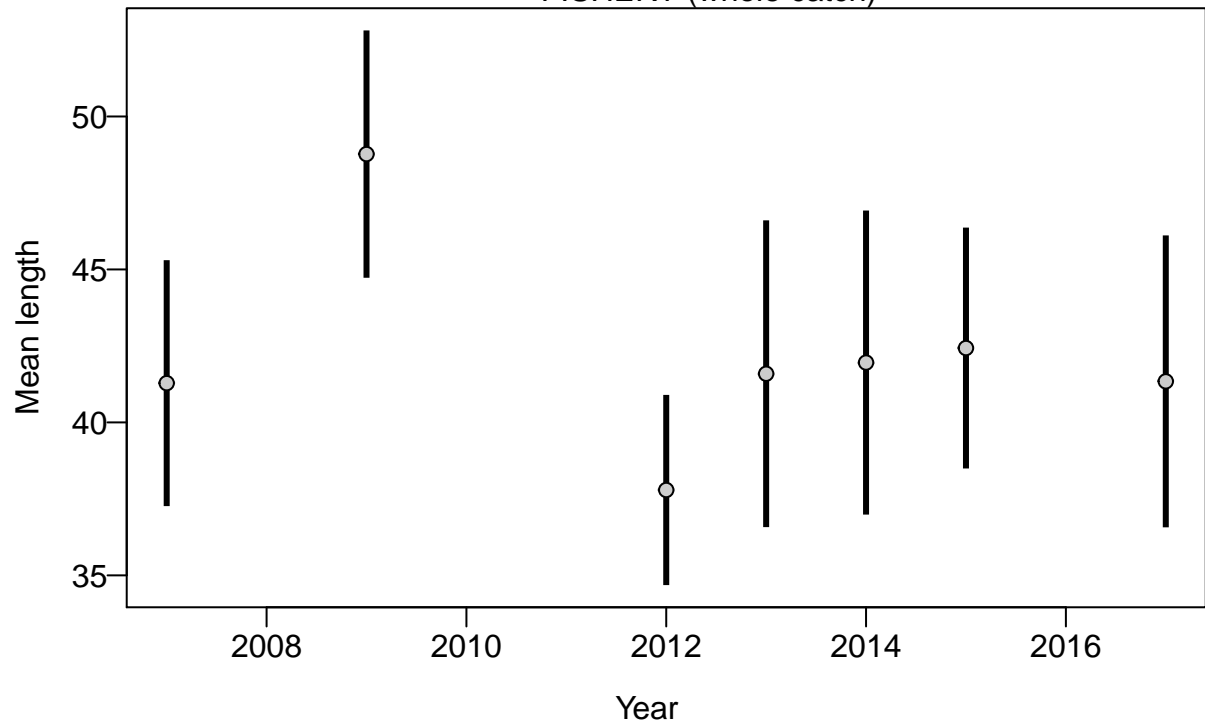
Proportion



Length (cm)

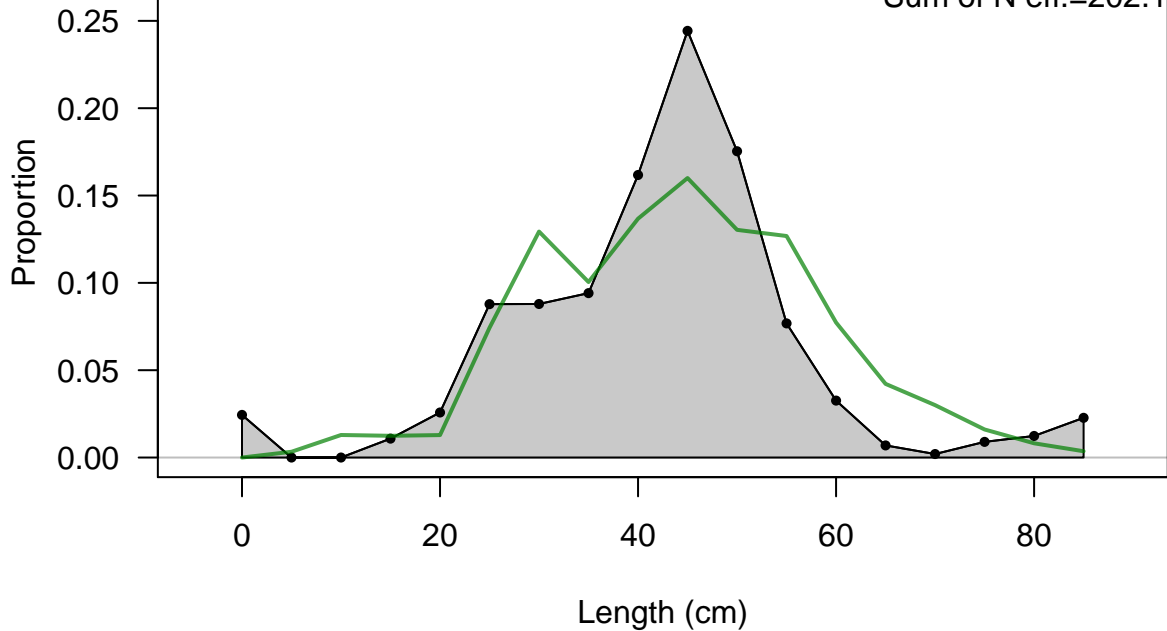


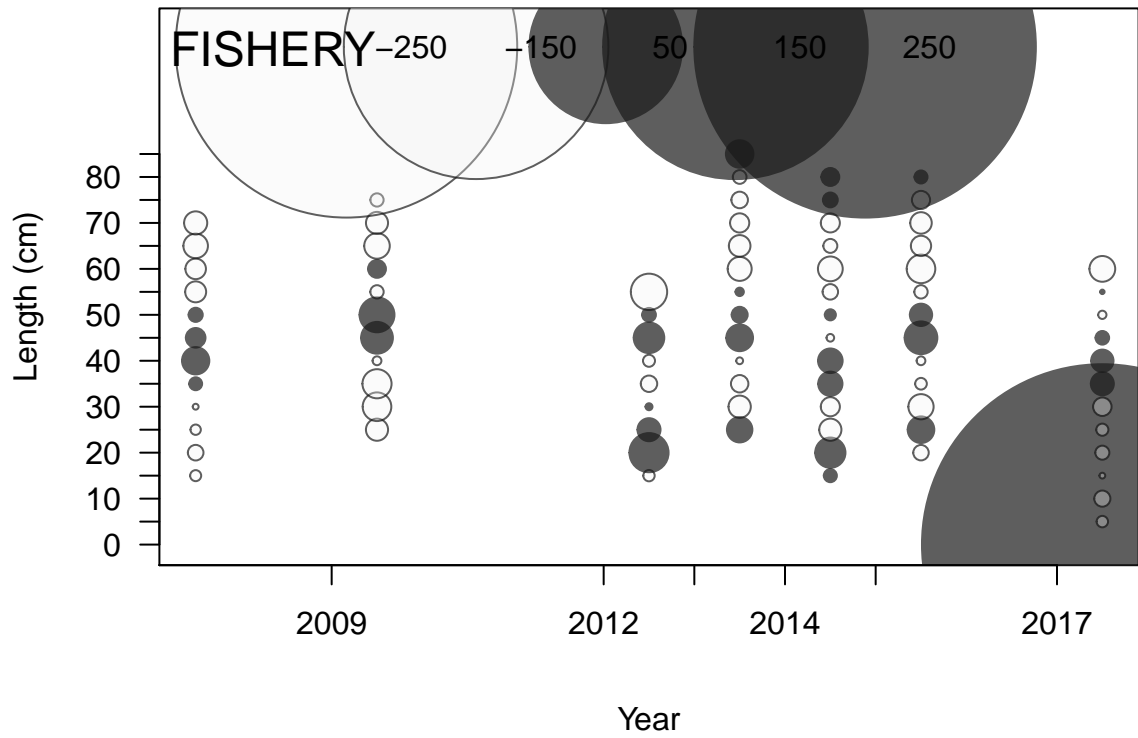
FISHERY (whole catch)



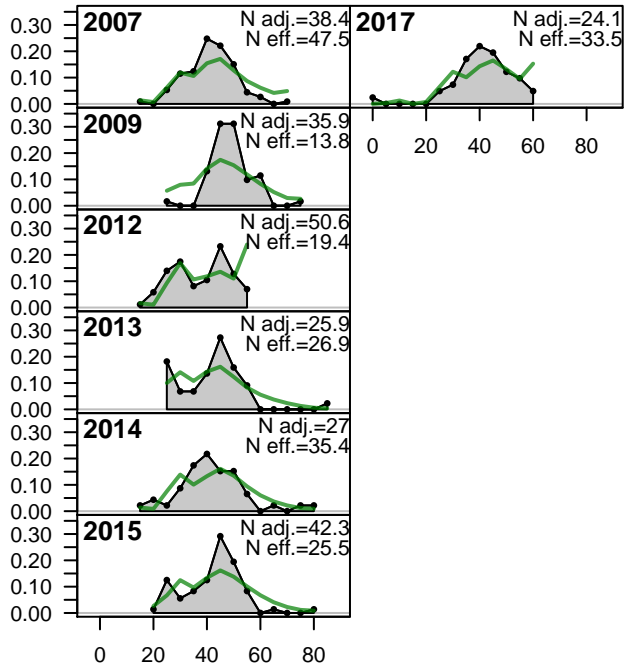
FISHERY

Sum of N adj.=244.2
Sum of N eff.=202.1

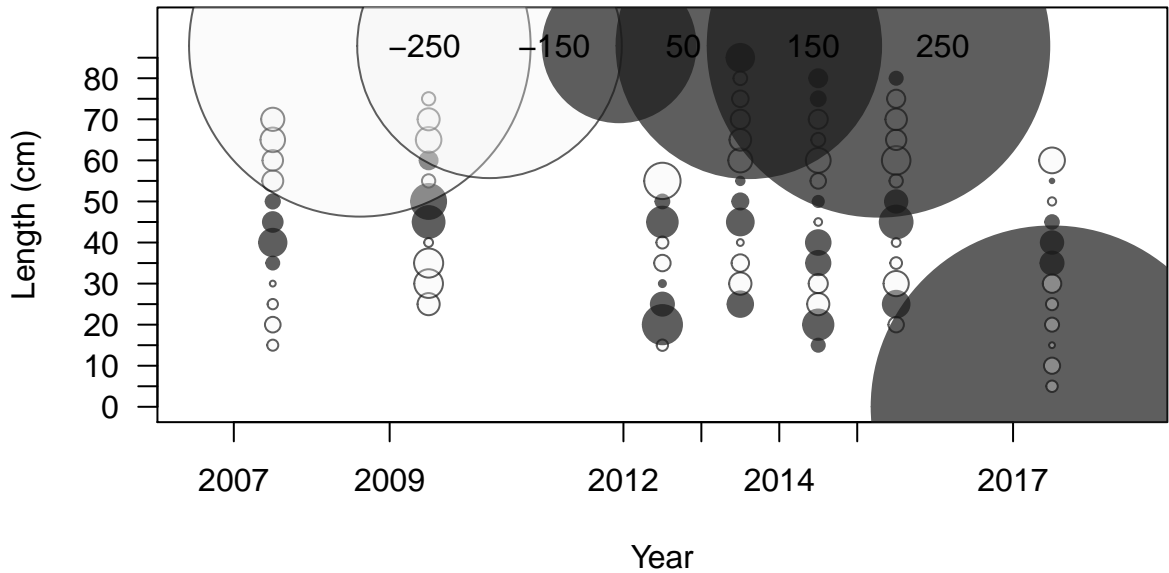




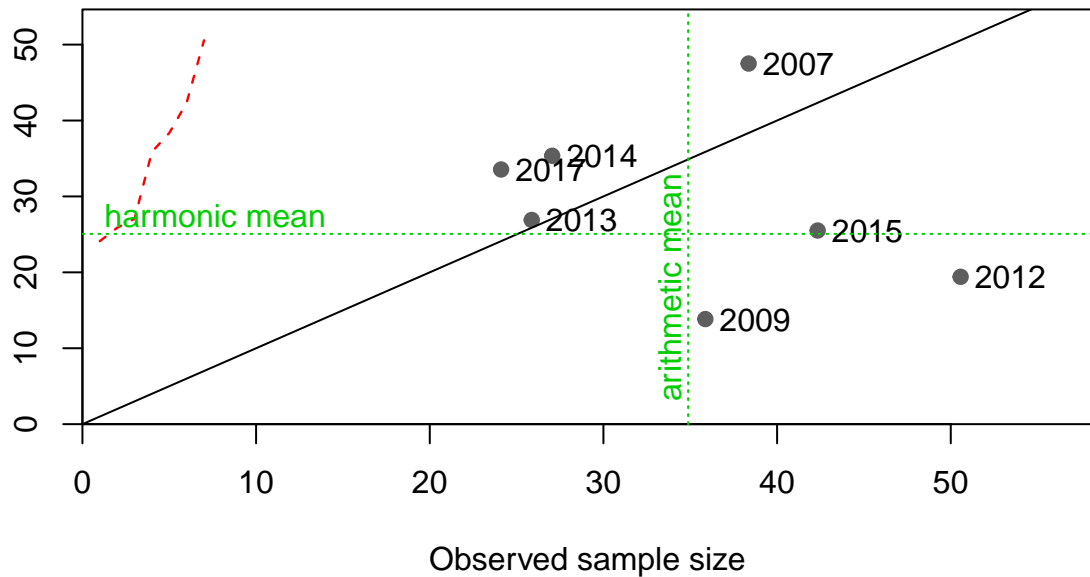
Proportion



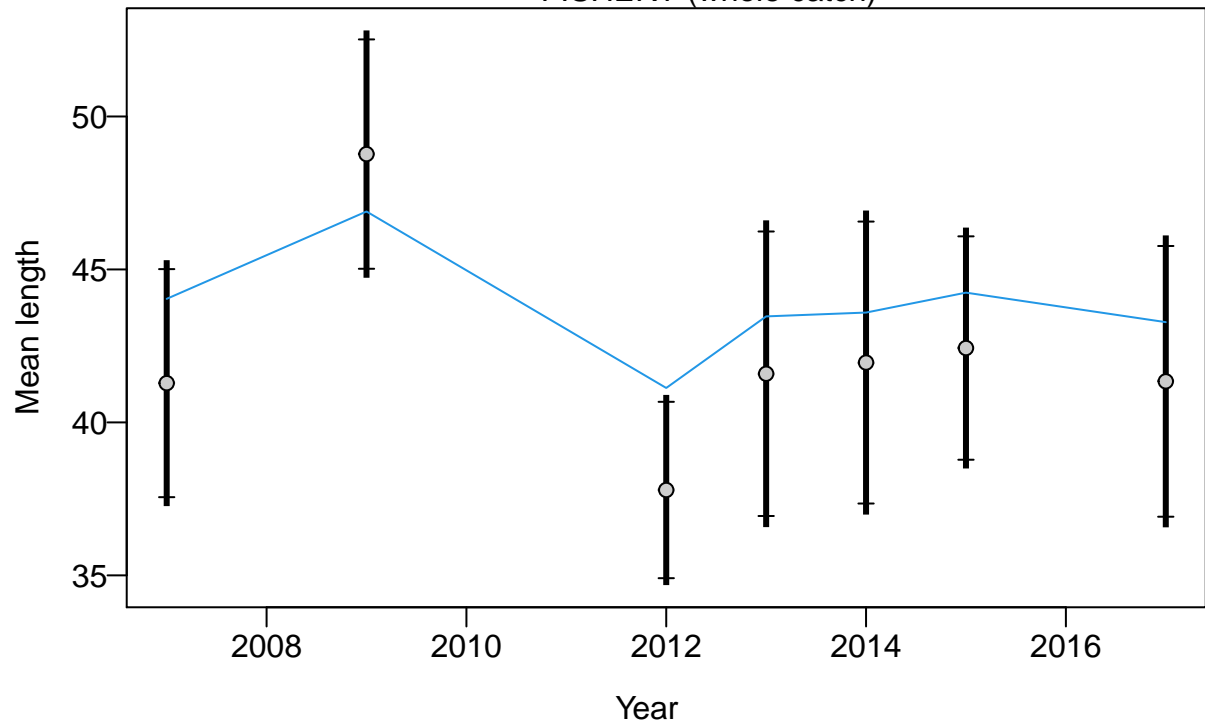
Length (cm)

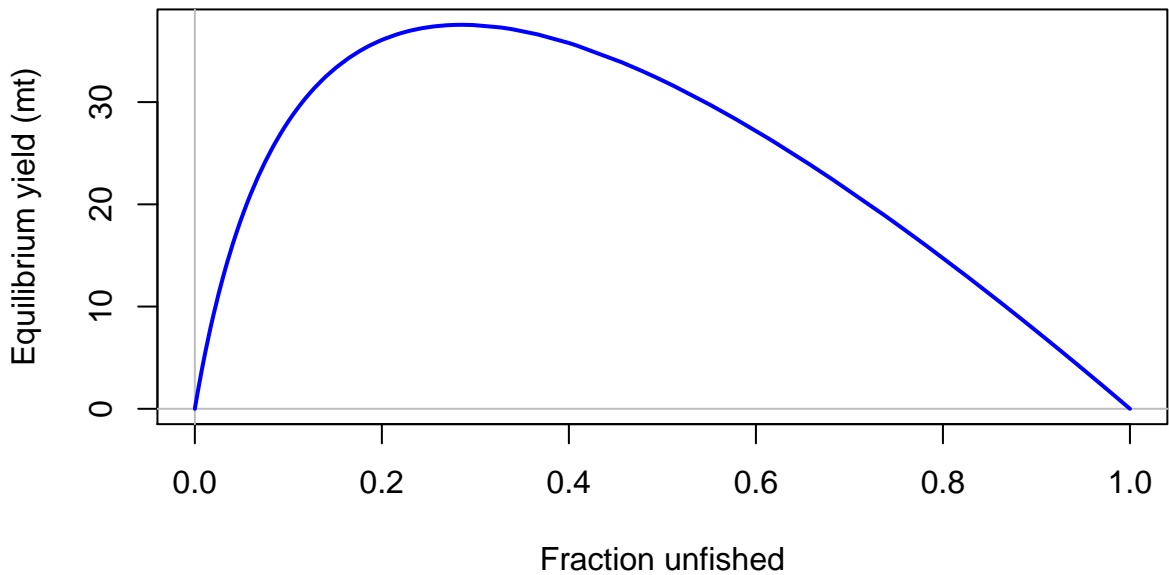


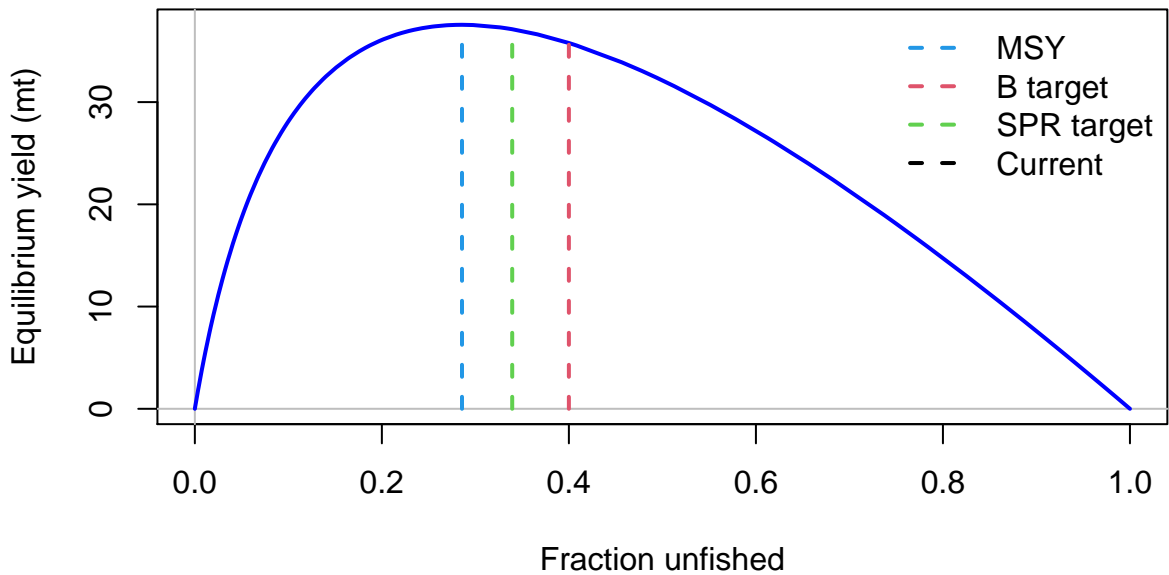
Effective sample size

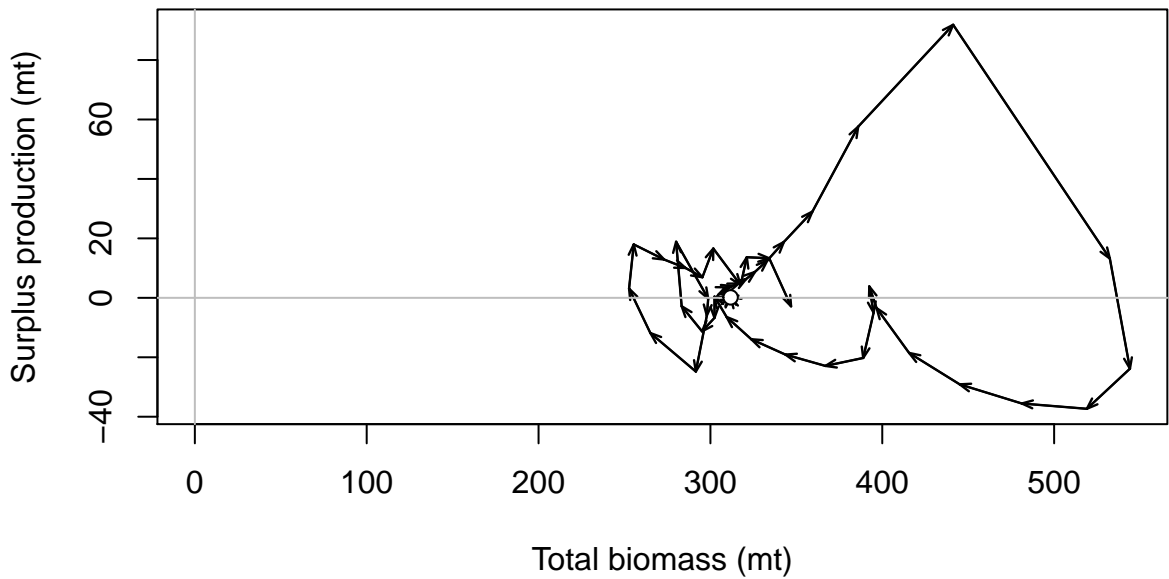


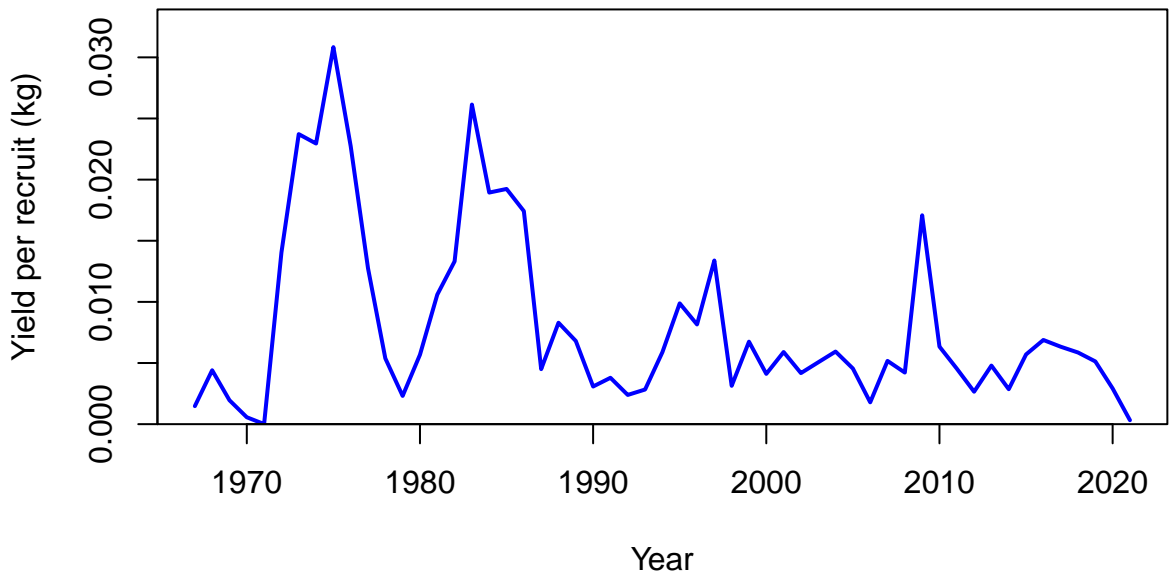
FISHERY (whole catch)



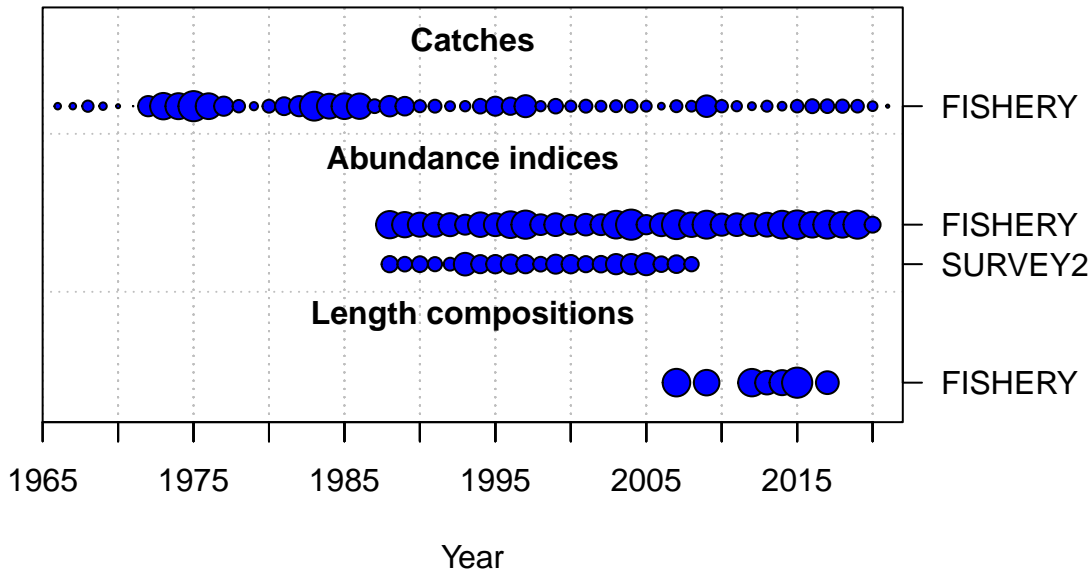






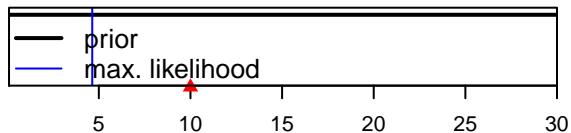




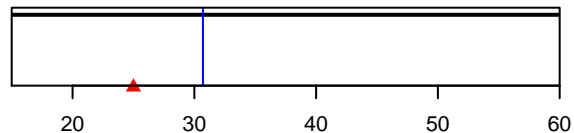


Density

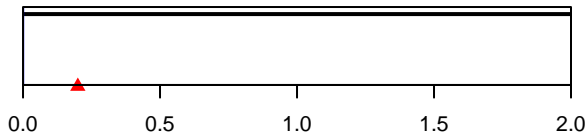
SR_LN(R0)



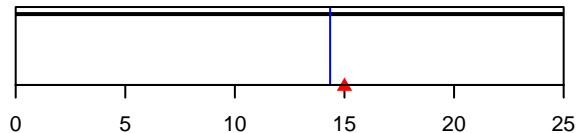
Size_inflection_FISHERY(1)



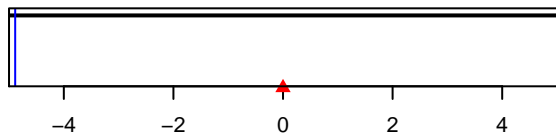
InitF_seas_1_flt_1FISHERY



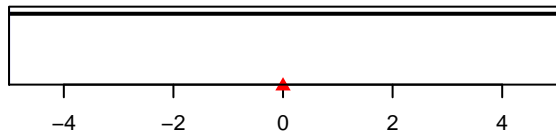
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)



Parameter value