

Plots created using the 'r4ss' package in R

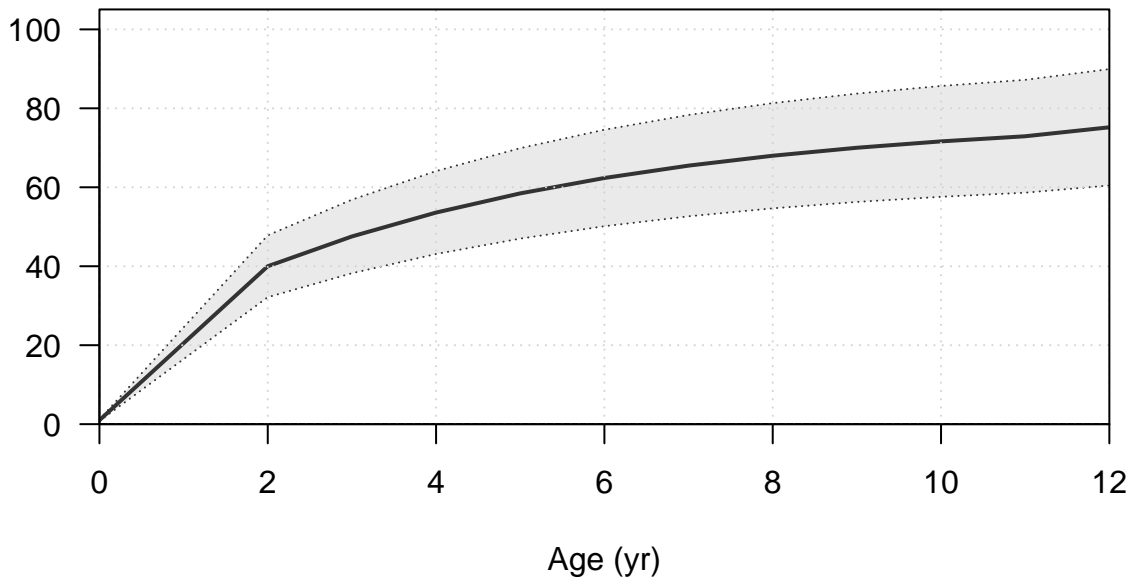
Stock Synthesis version: 3.30.19.0

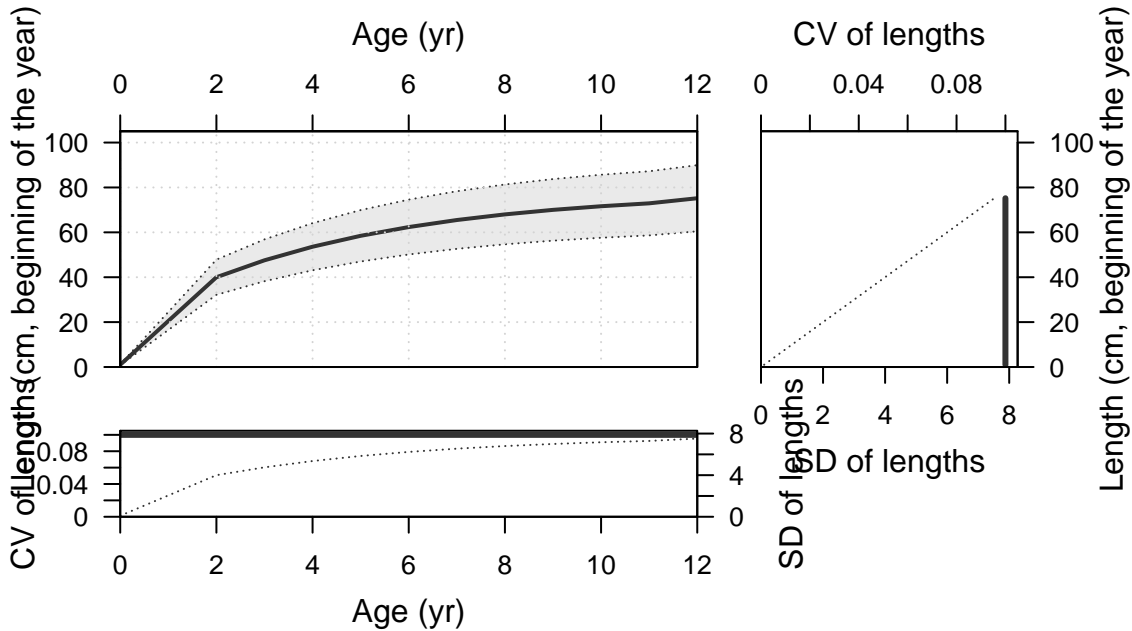
StartTime: Mon Jul 11 16:48:17 2022

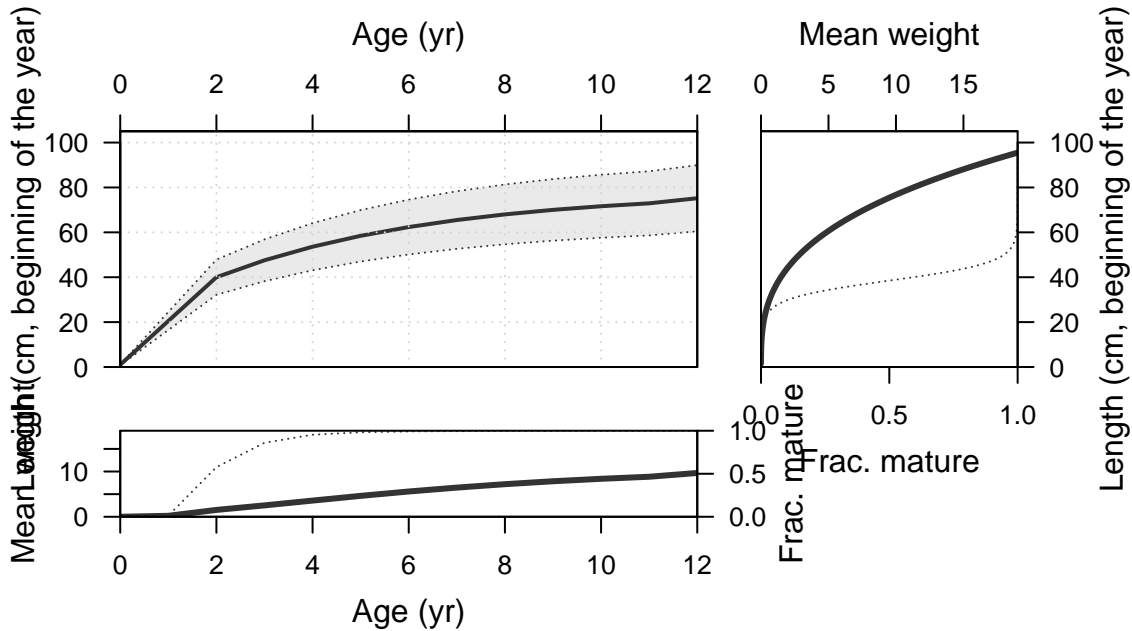
Data_File: data.ss

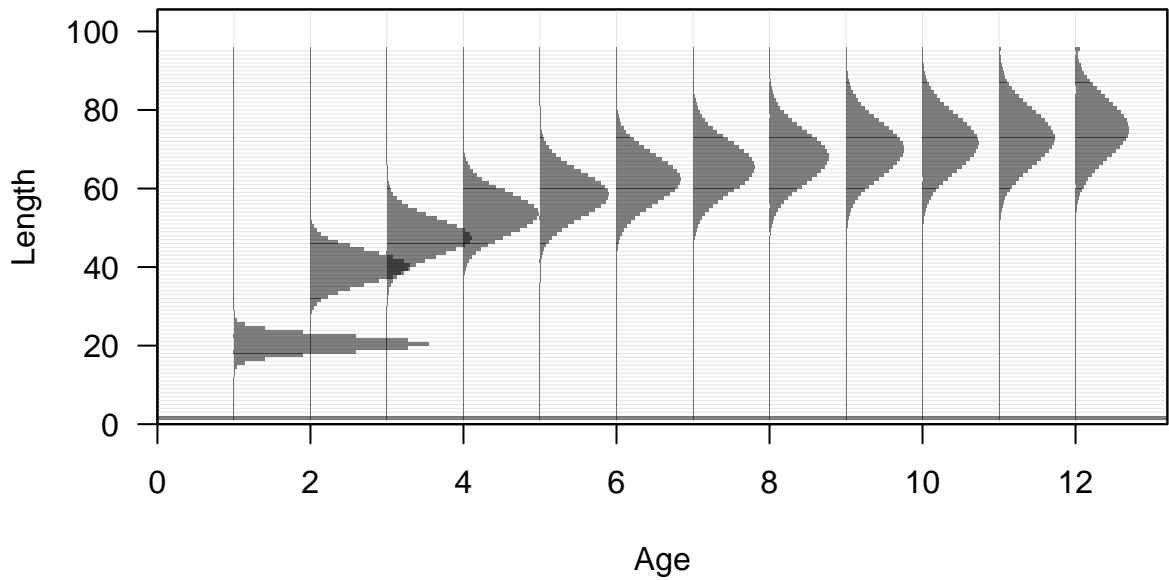
Control_File: control.ss

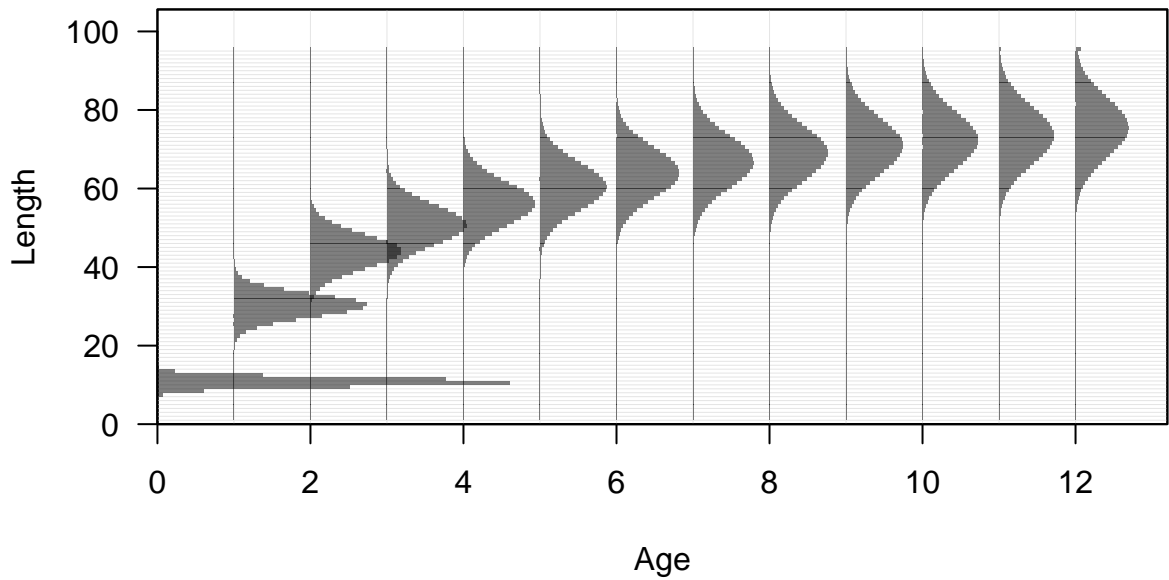
Length (cm, beginning of the year)





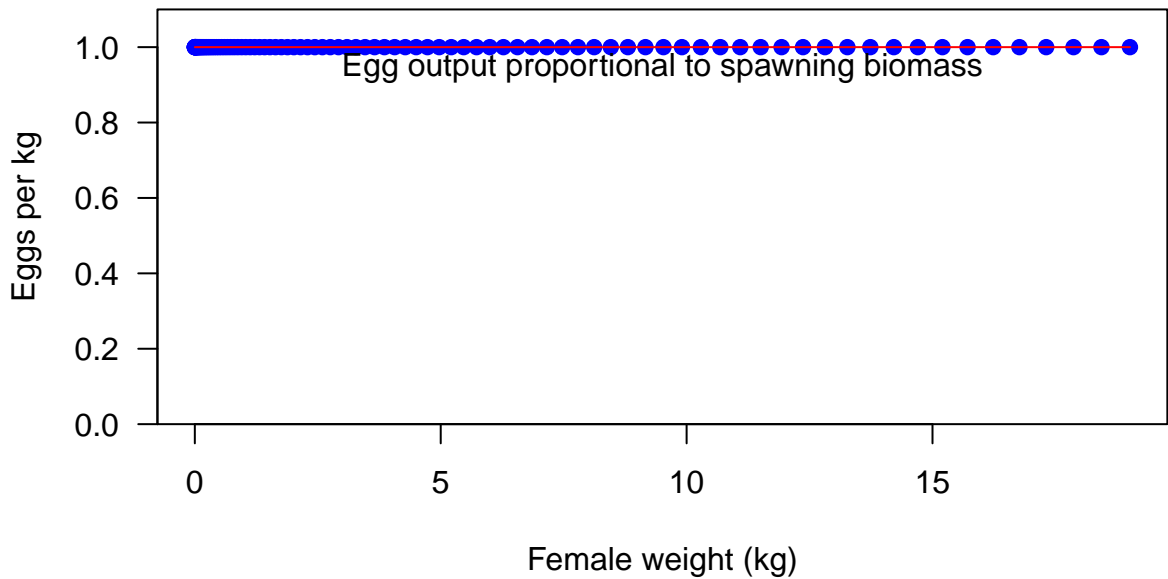












Fecundity

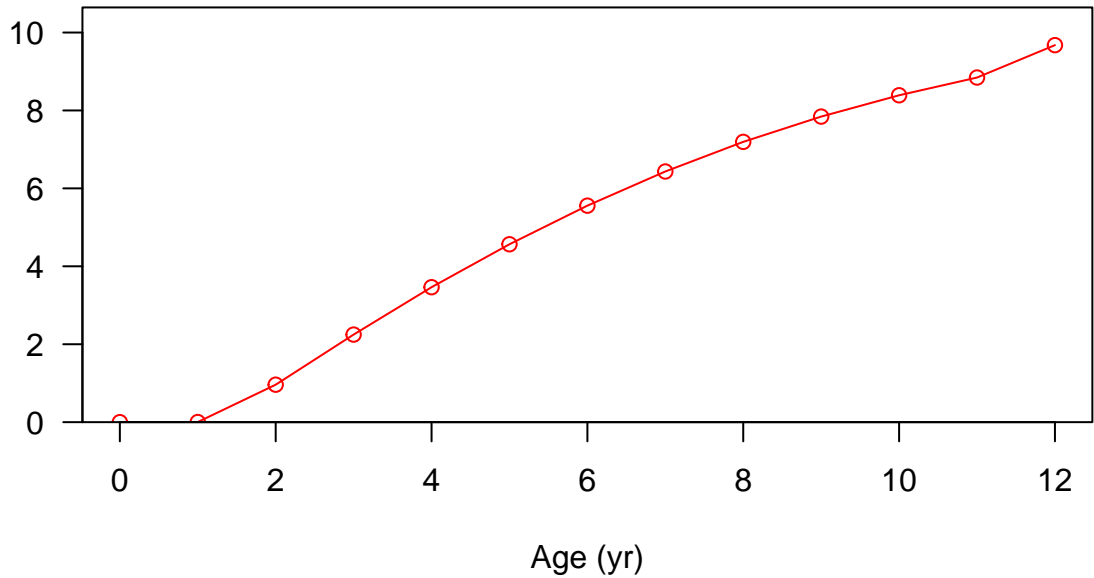




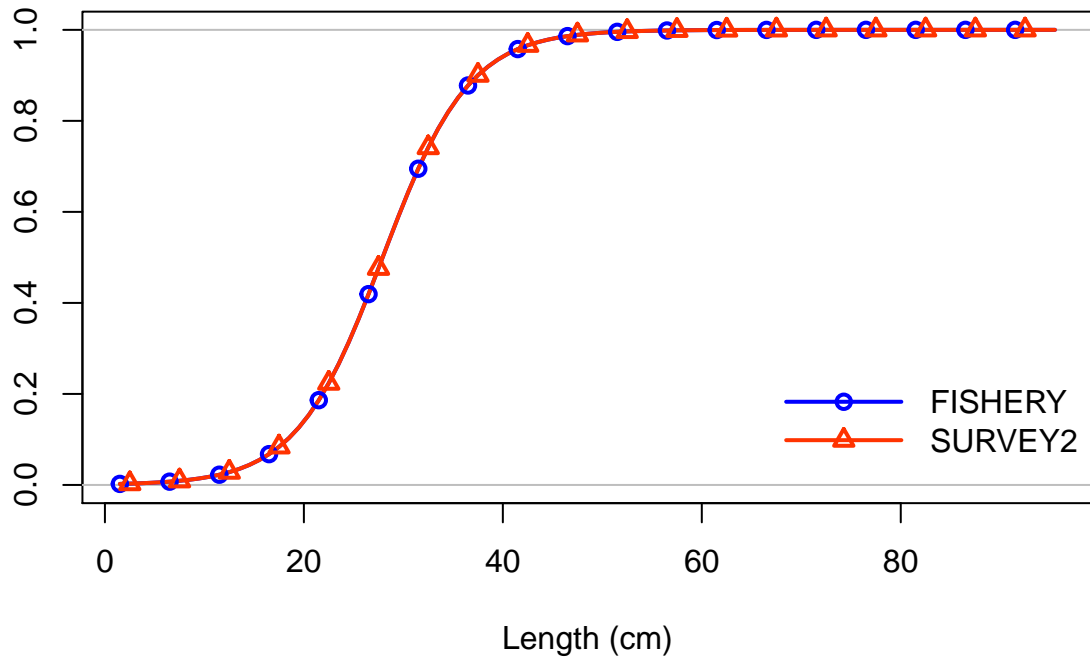
Spawning output



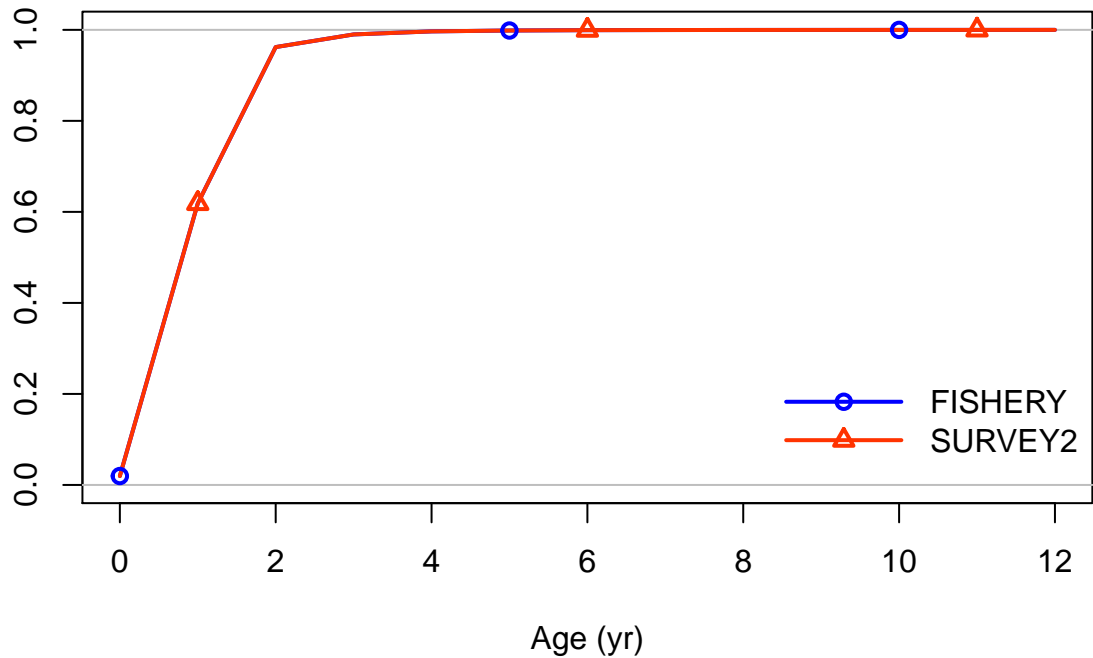
Spawning output



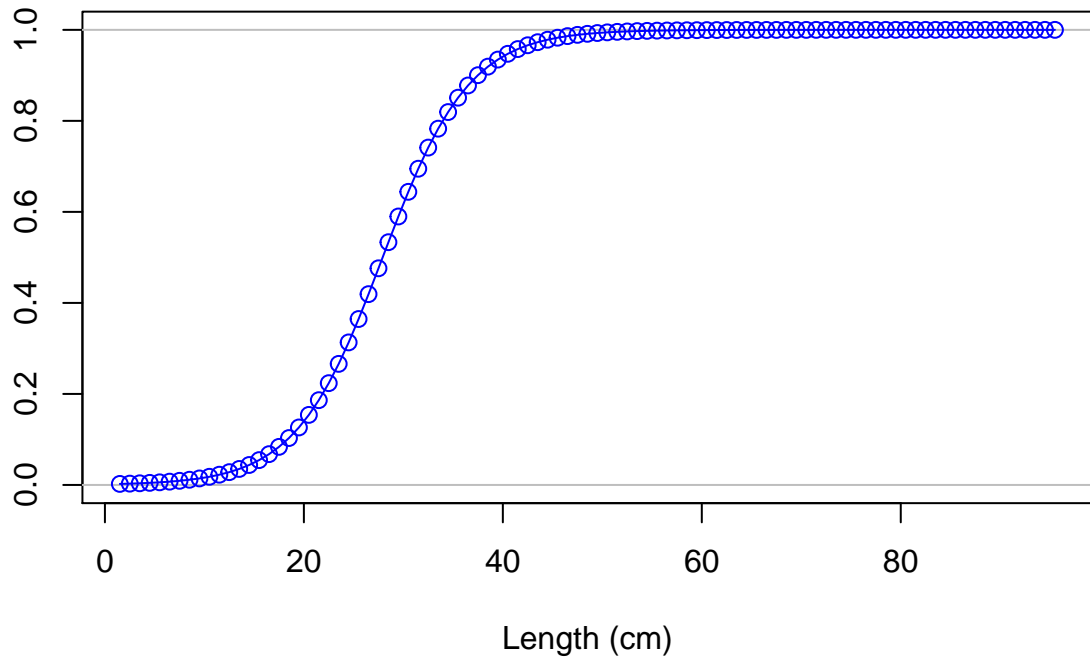
Selectivity



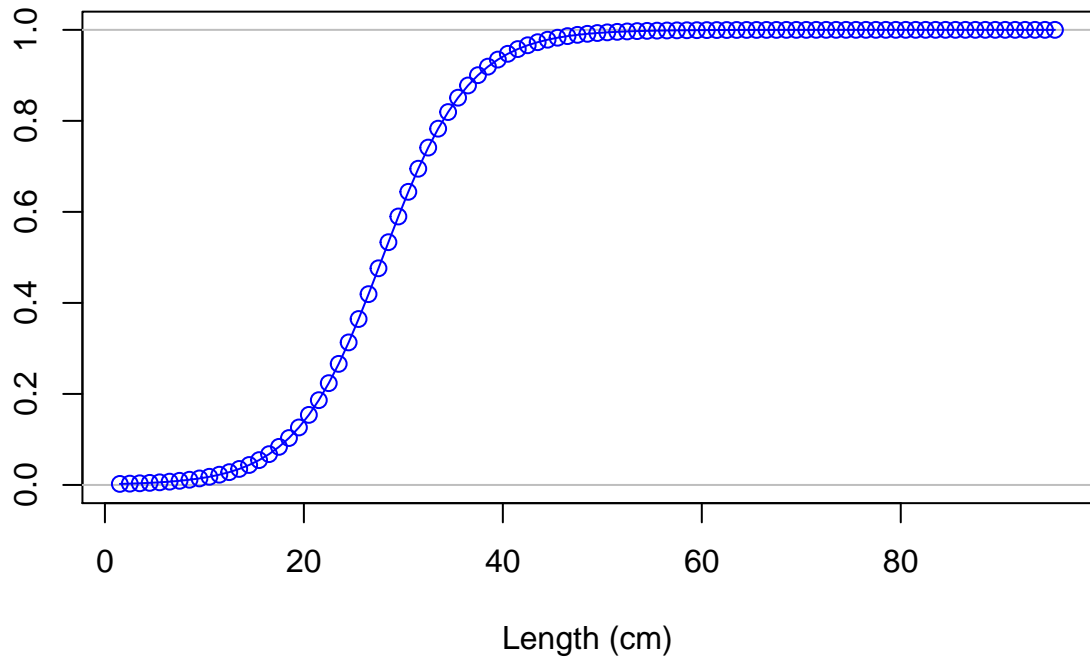
Selectivity

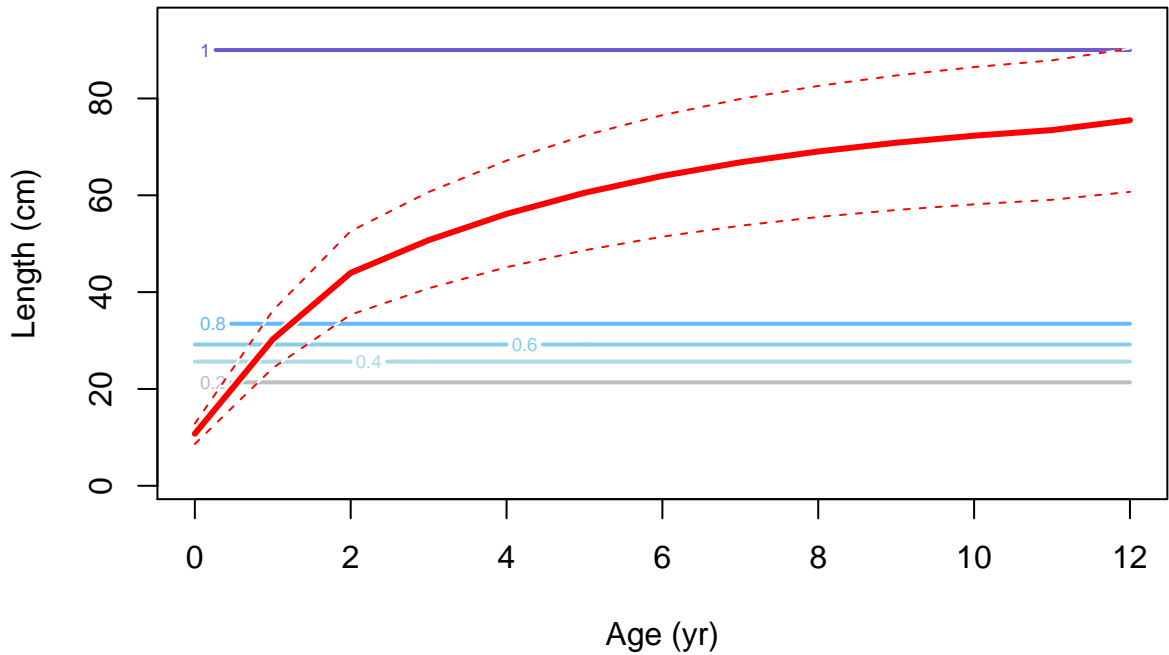


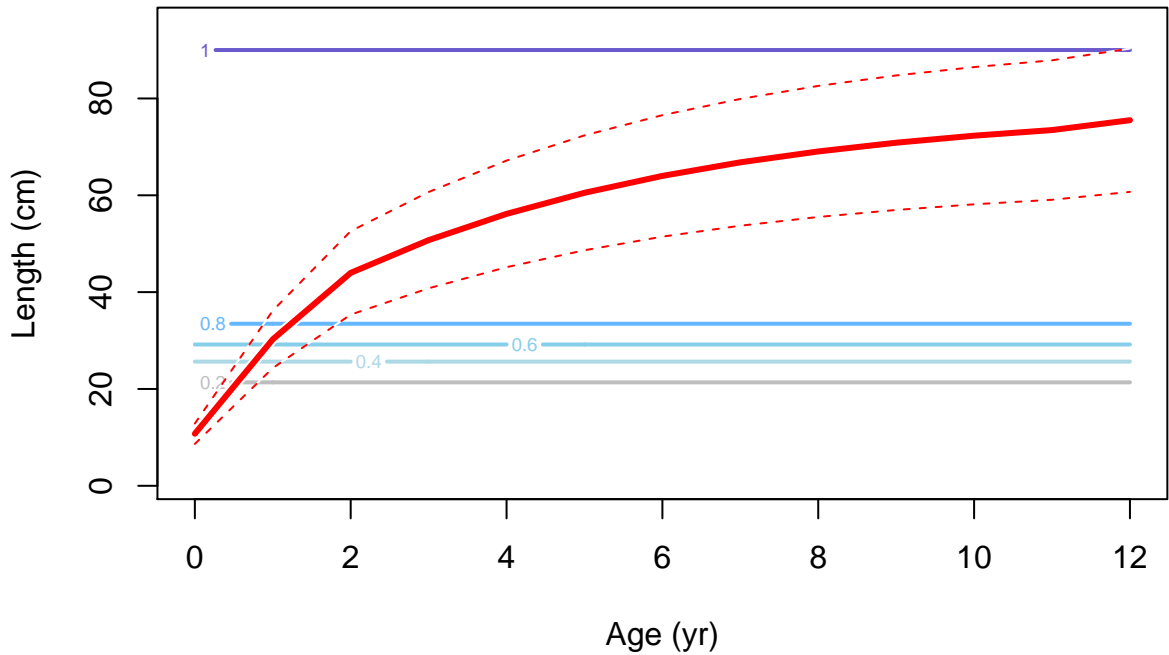
Selectivity



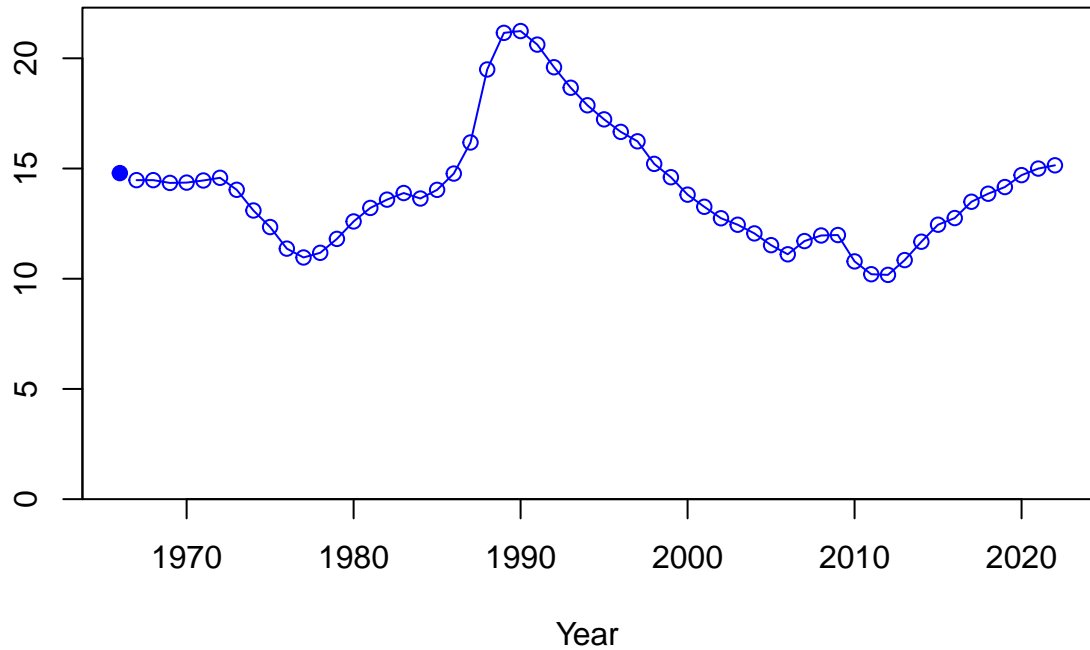
Selectivity



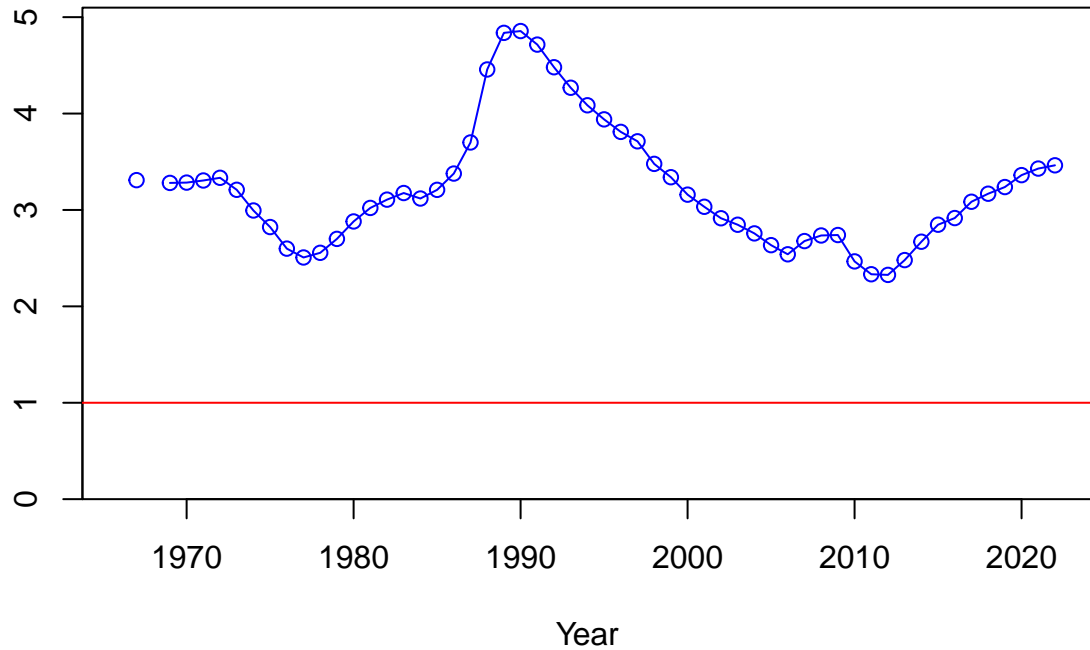


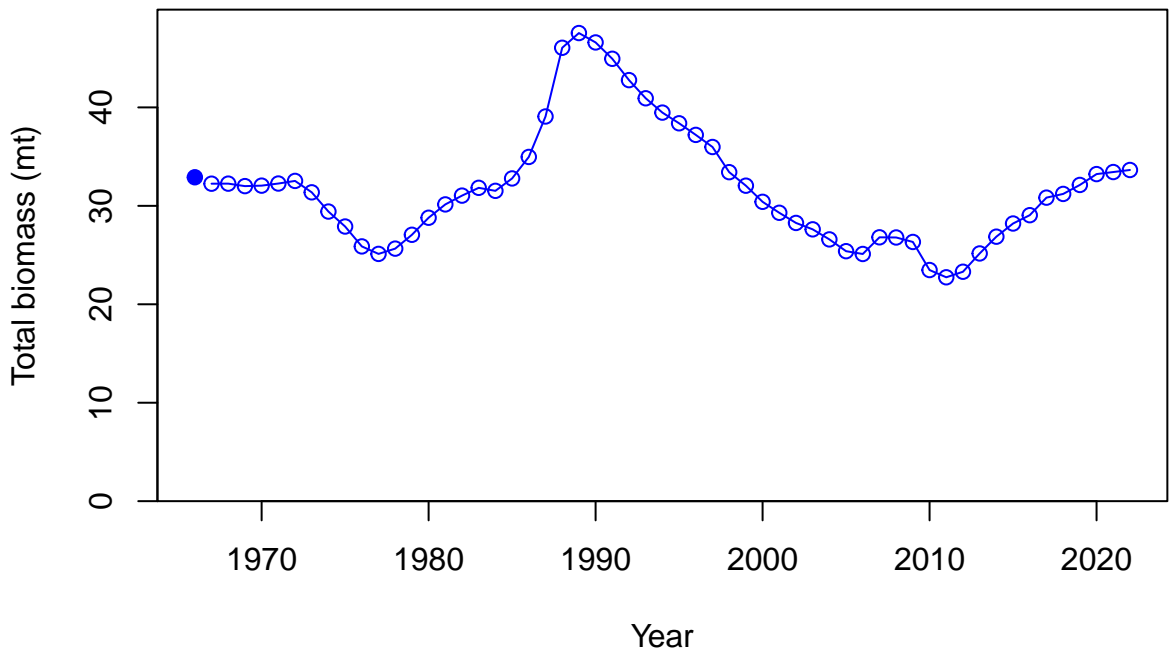


Spawning biomass (mt)

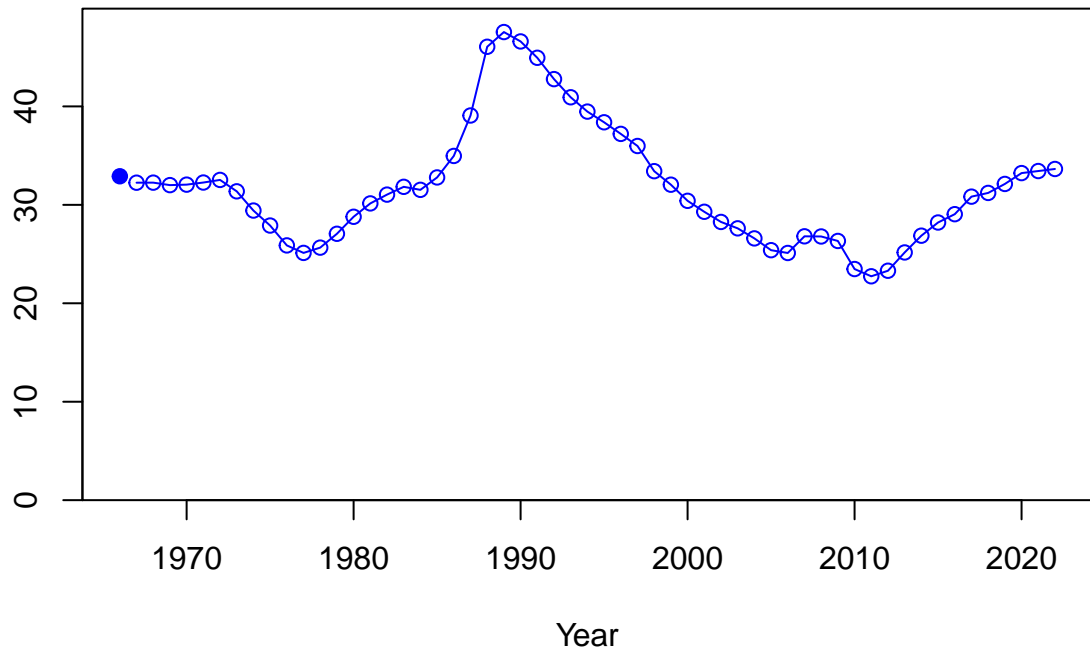


Relative spawning biomass: B/B_{MSY}

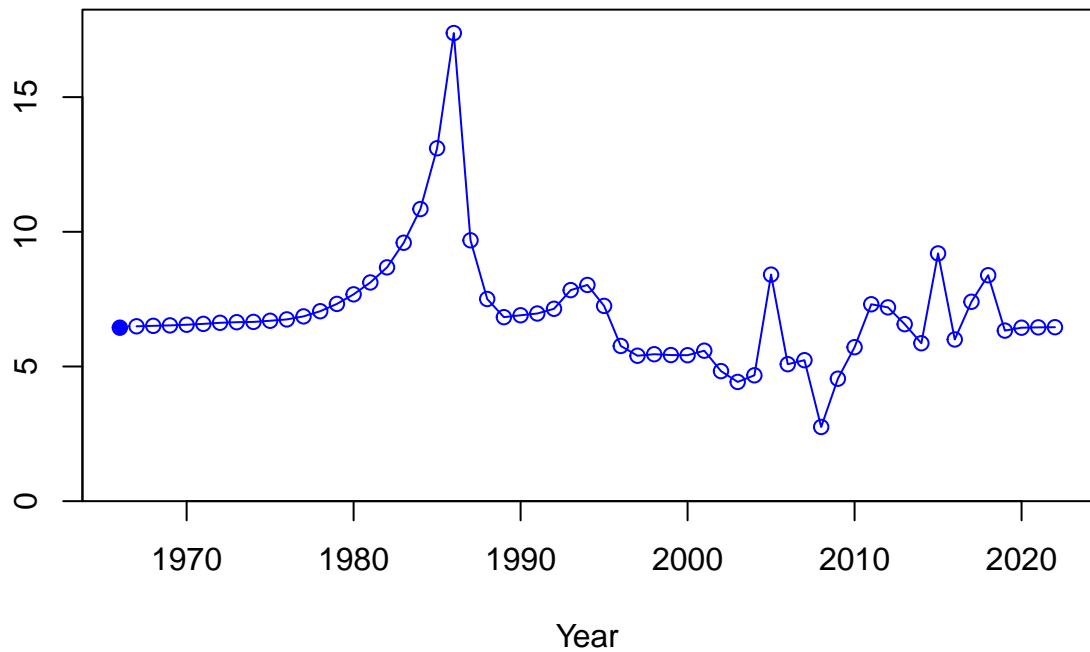




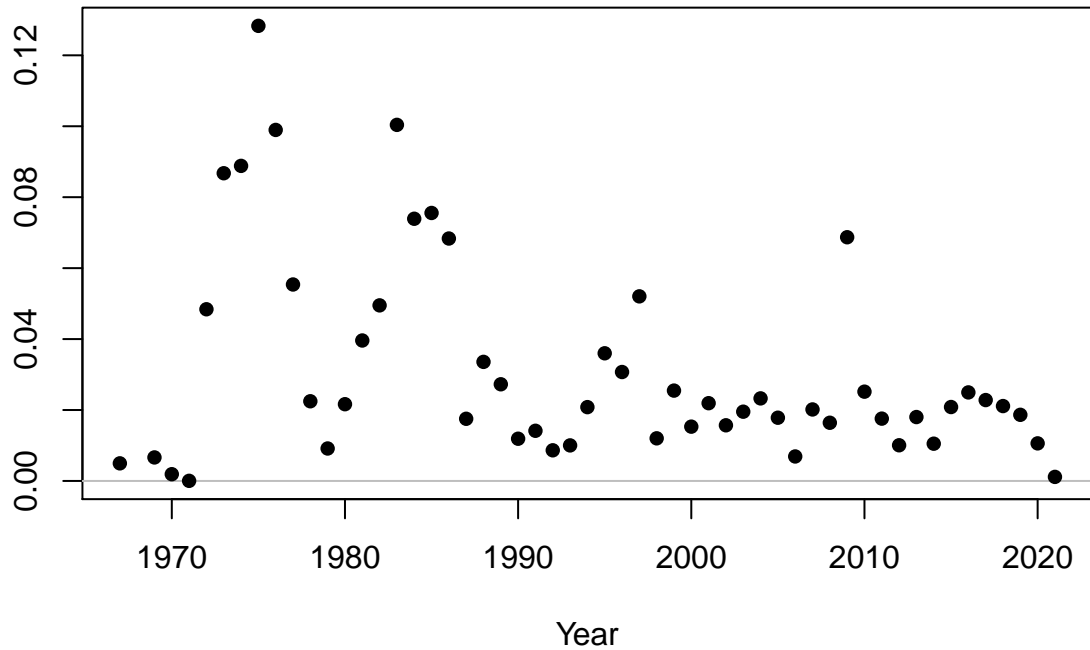
Summary biomass (mt)

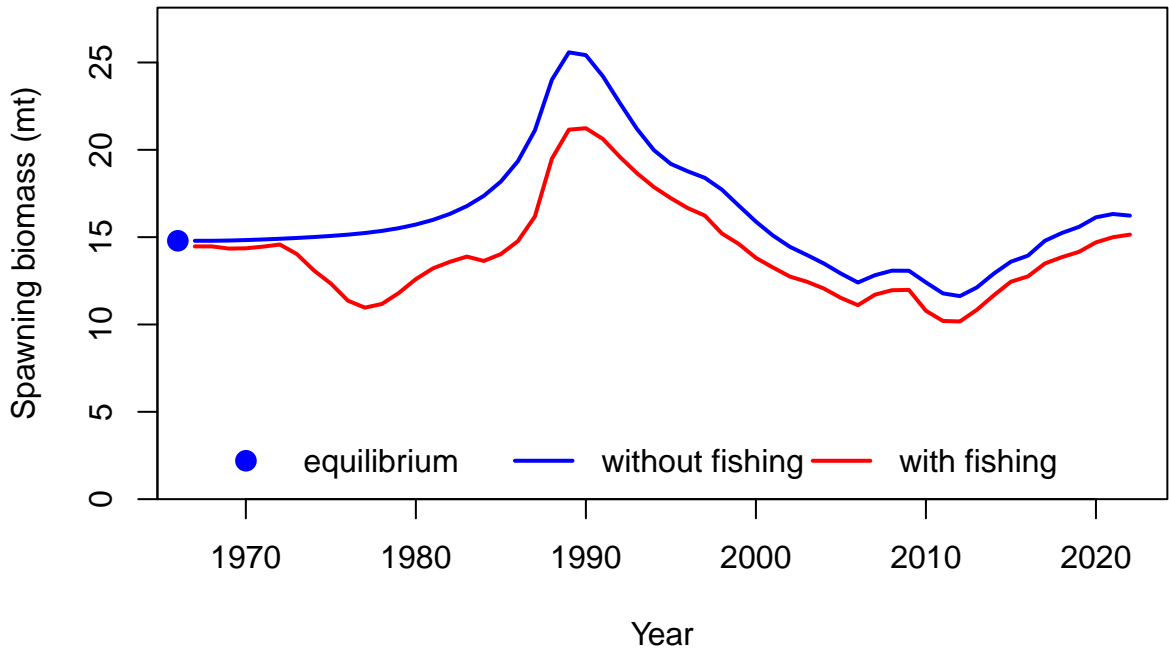


Age-0 recruits (1,000s)

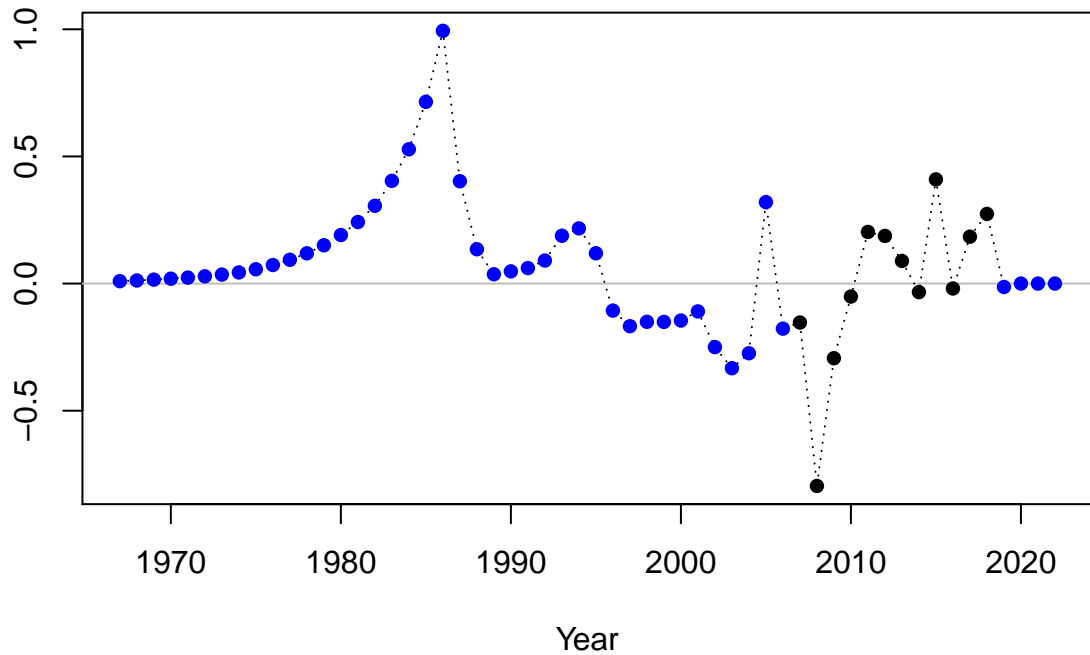


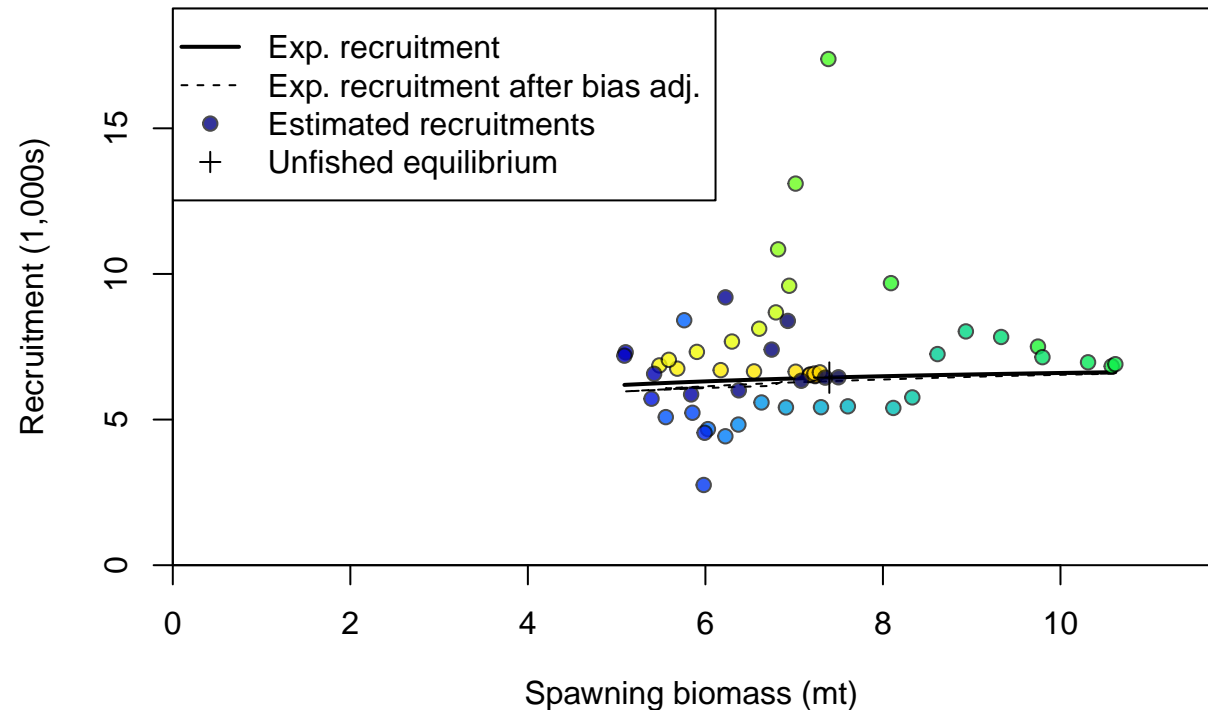
Summary Fishing Mortality

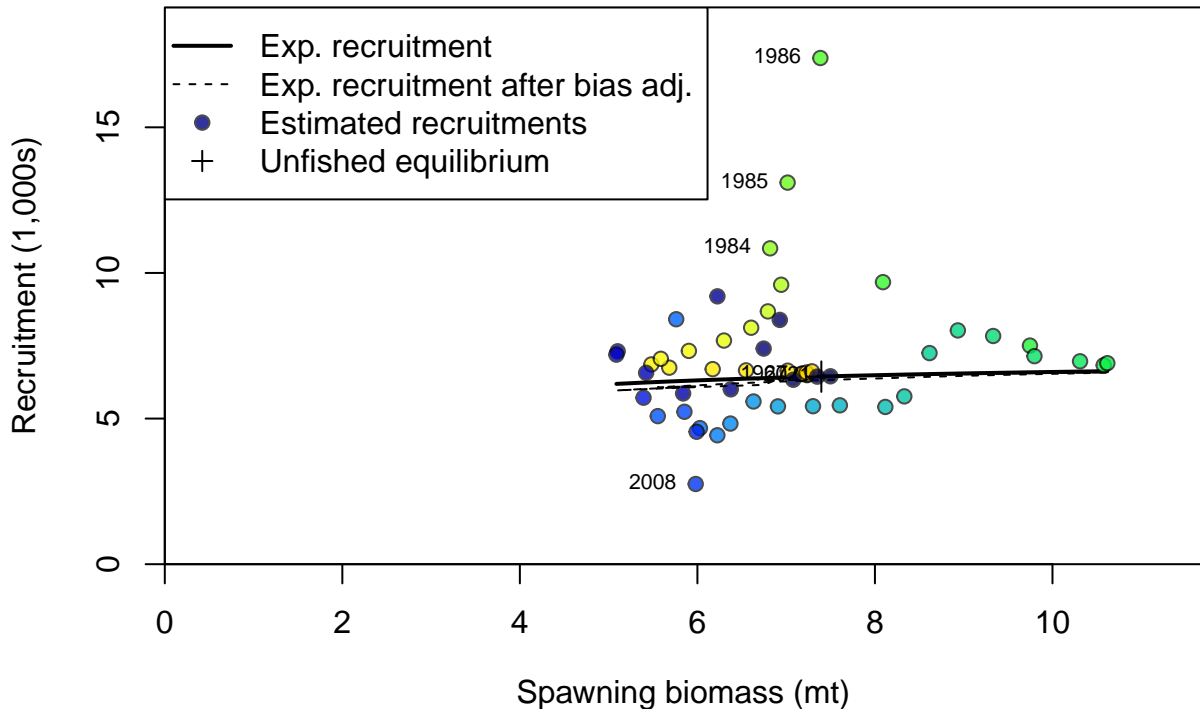




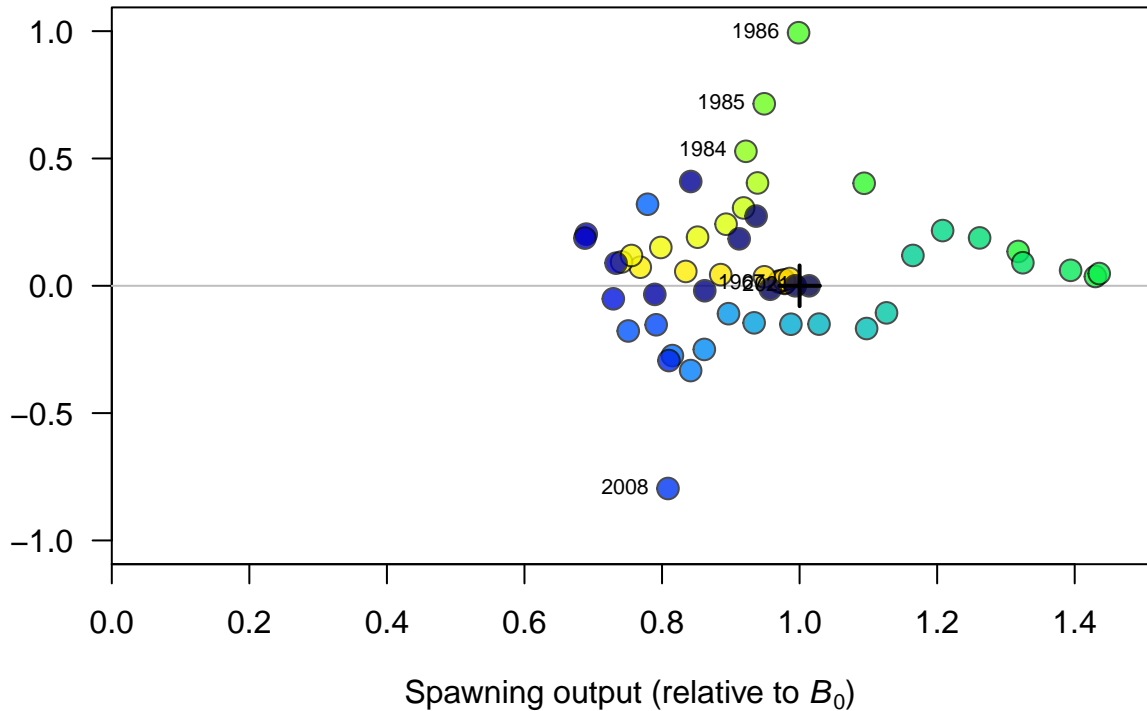
Log recruitment deviation

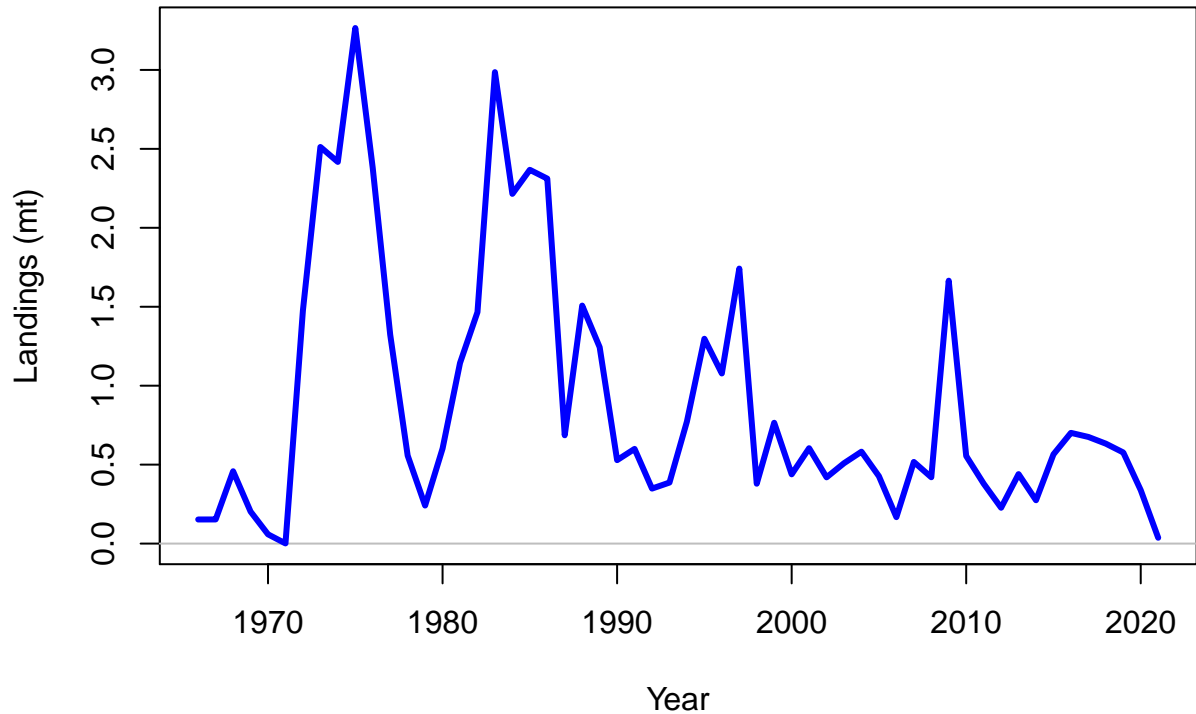


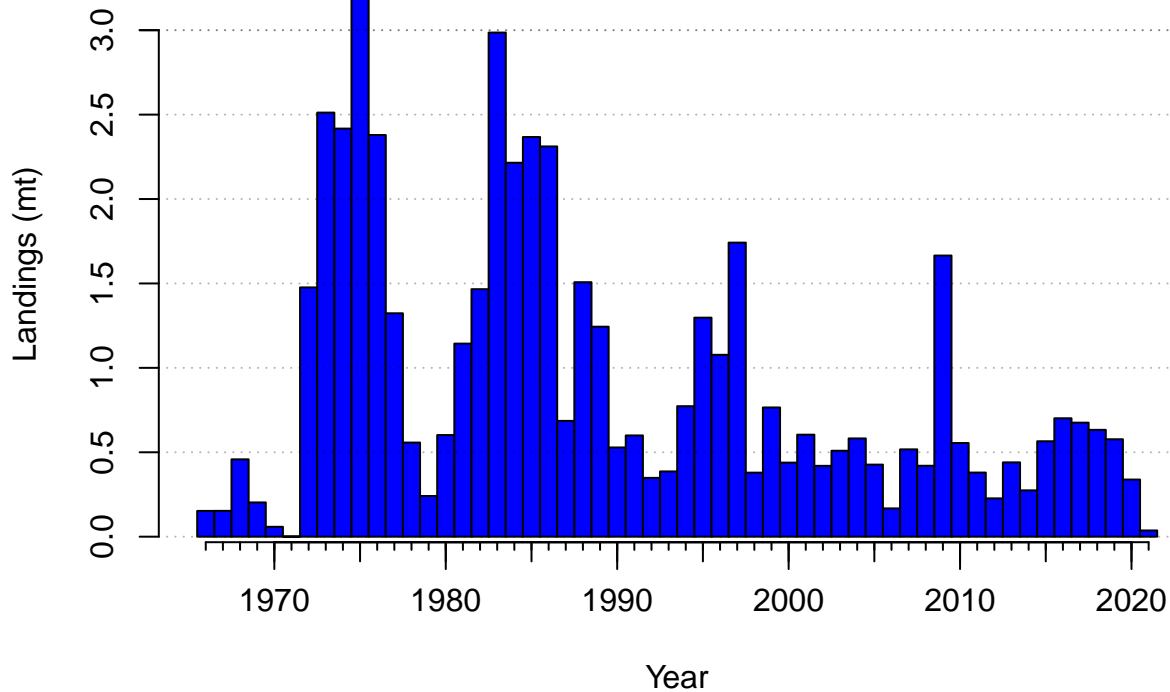


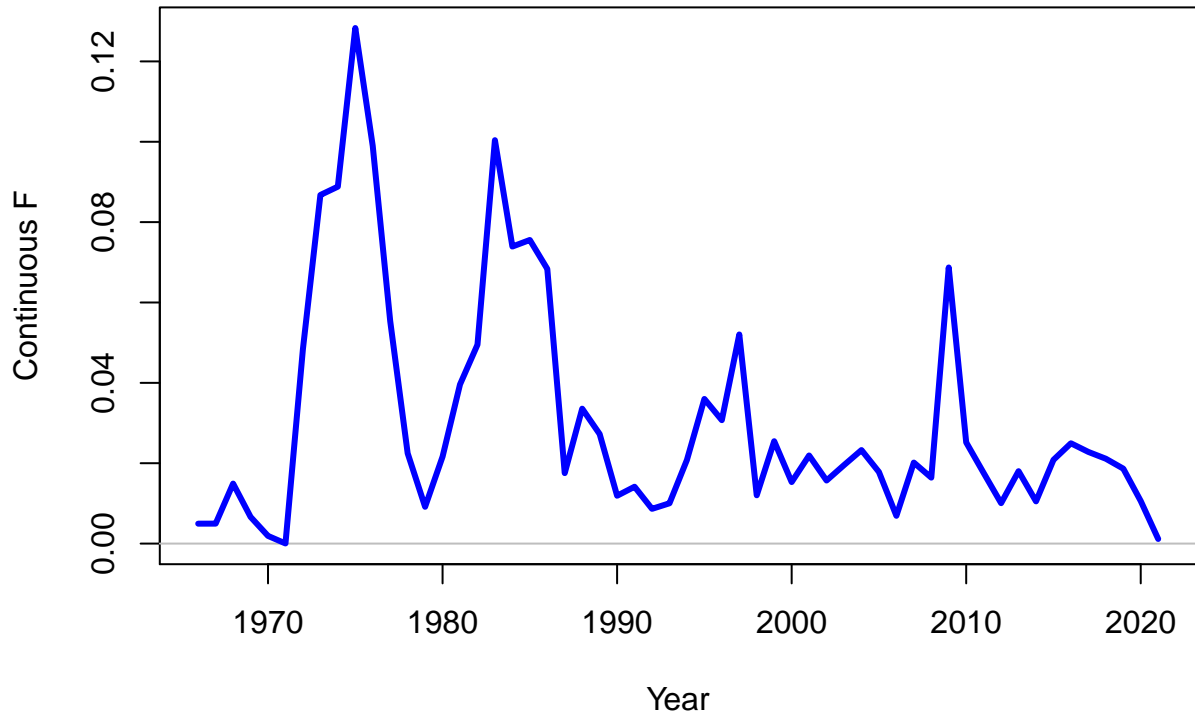


Log recruitment deviation

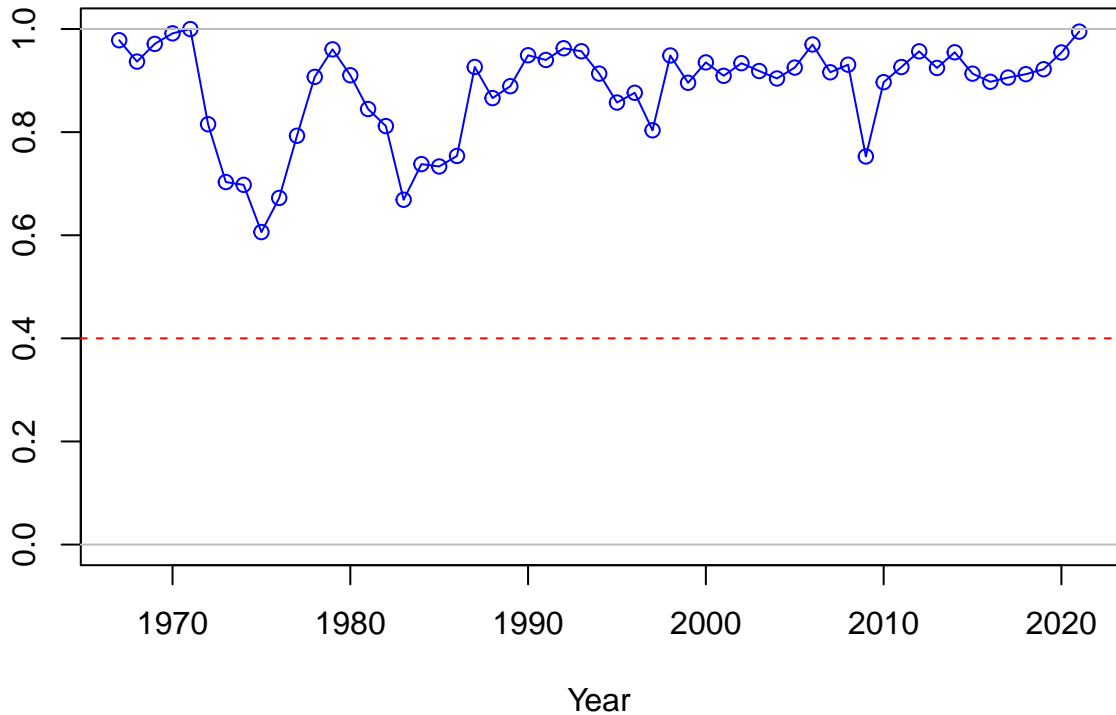




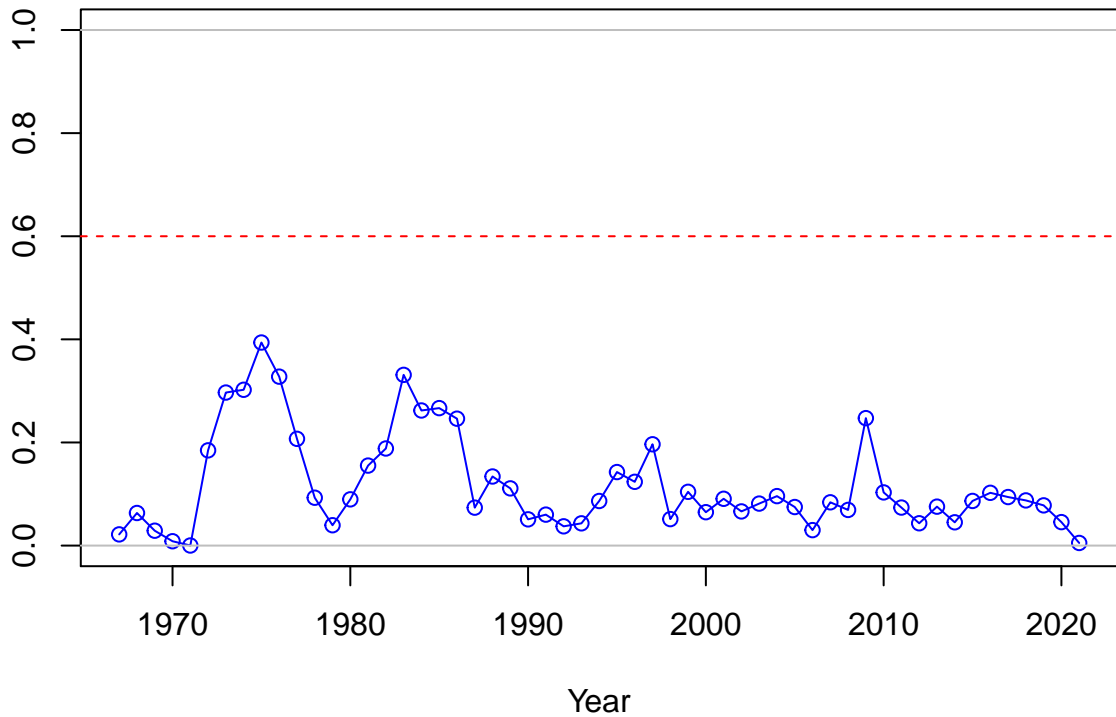




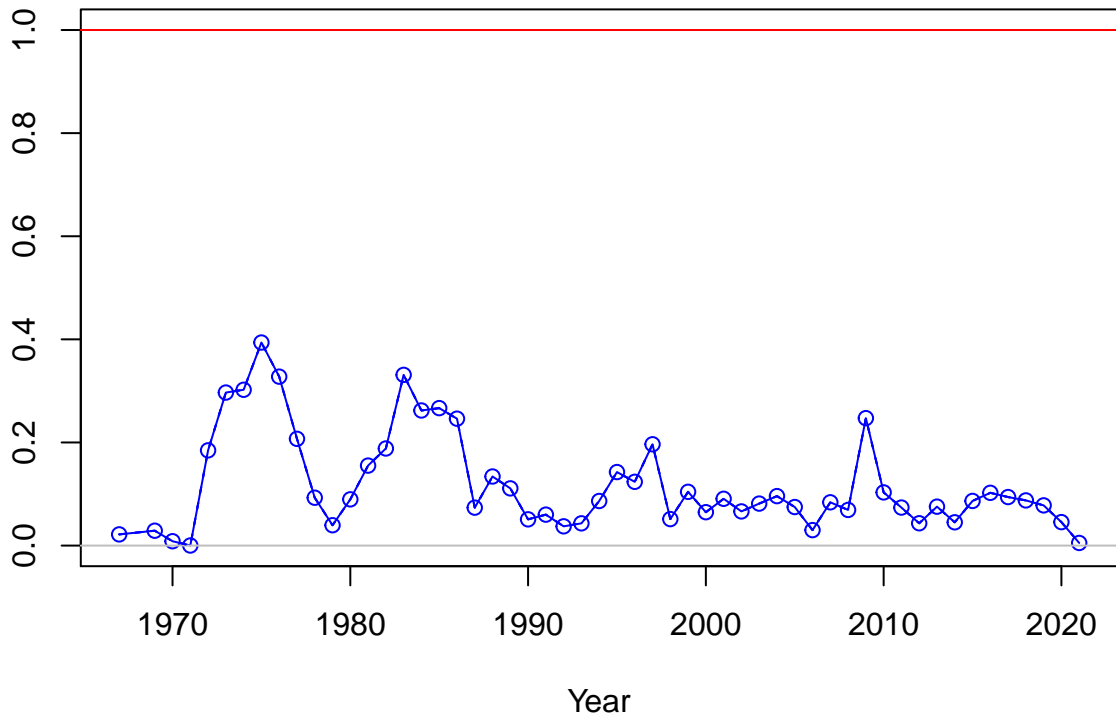
SPR



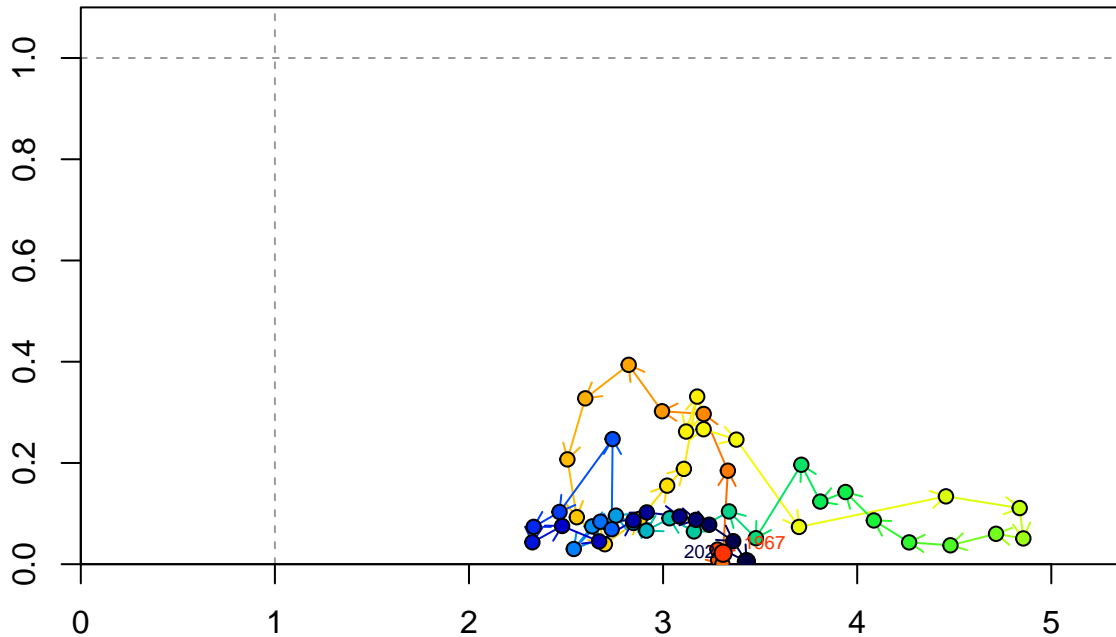
1-SPR



Fishing intensity: 1-SPR

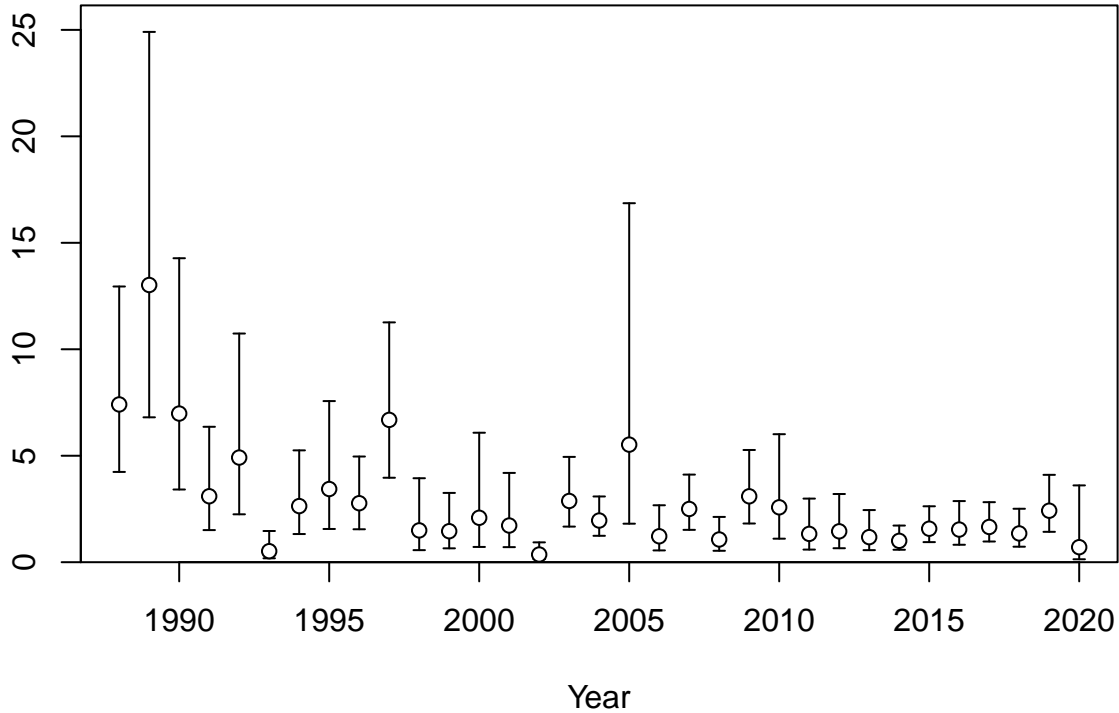


Fishing intensity: 1-SPR

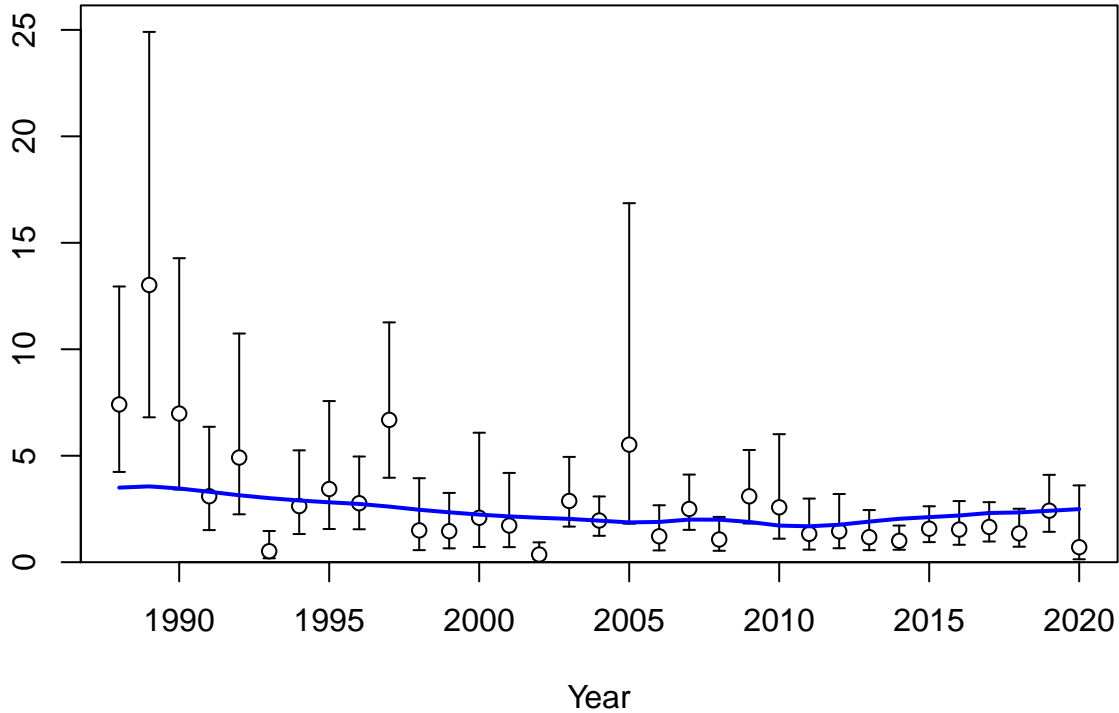


Relative spawning output: B/B_{MSY}

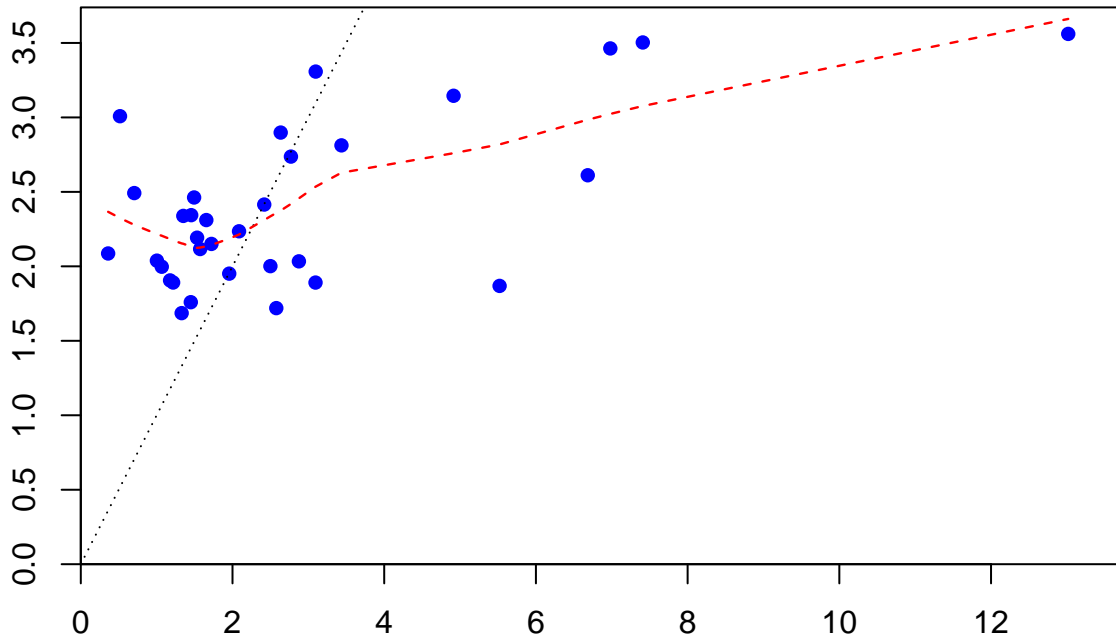
Index



Index

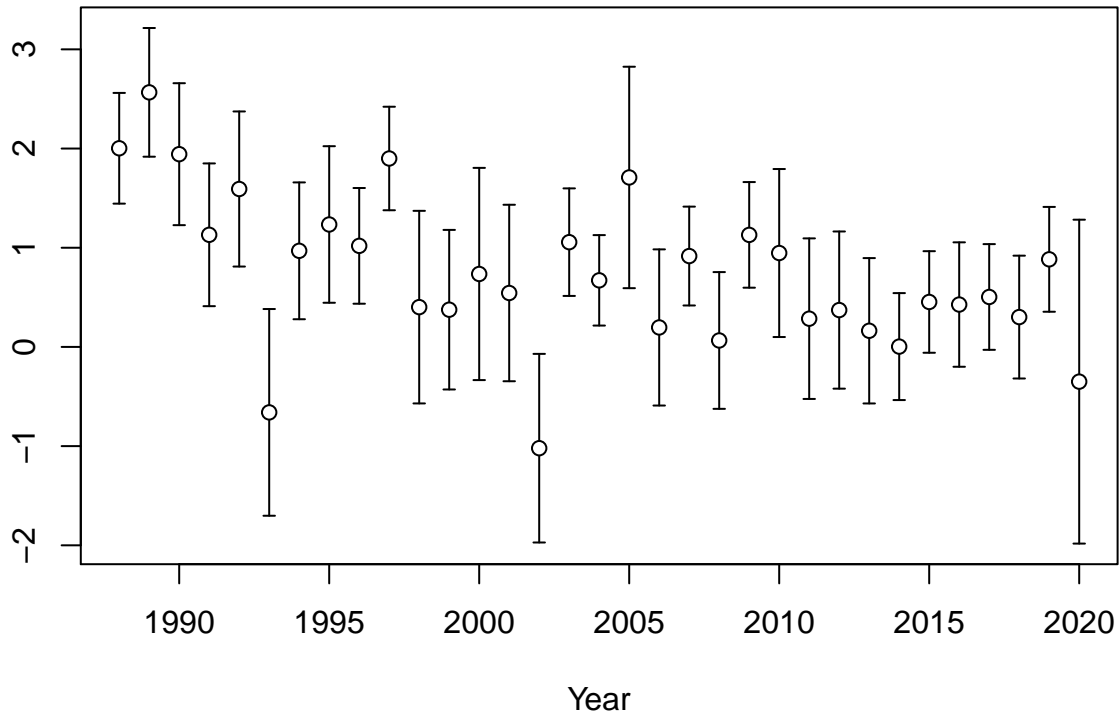


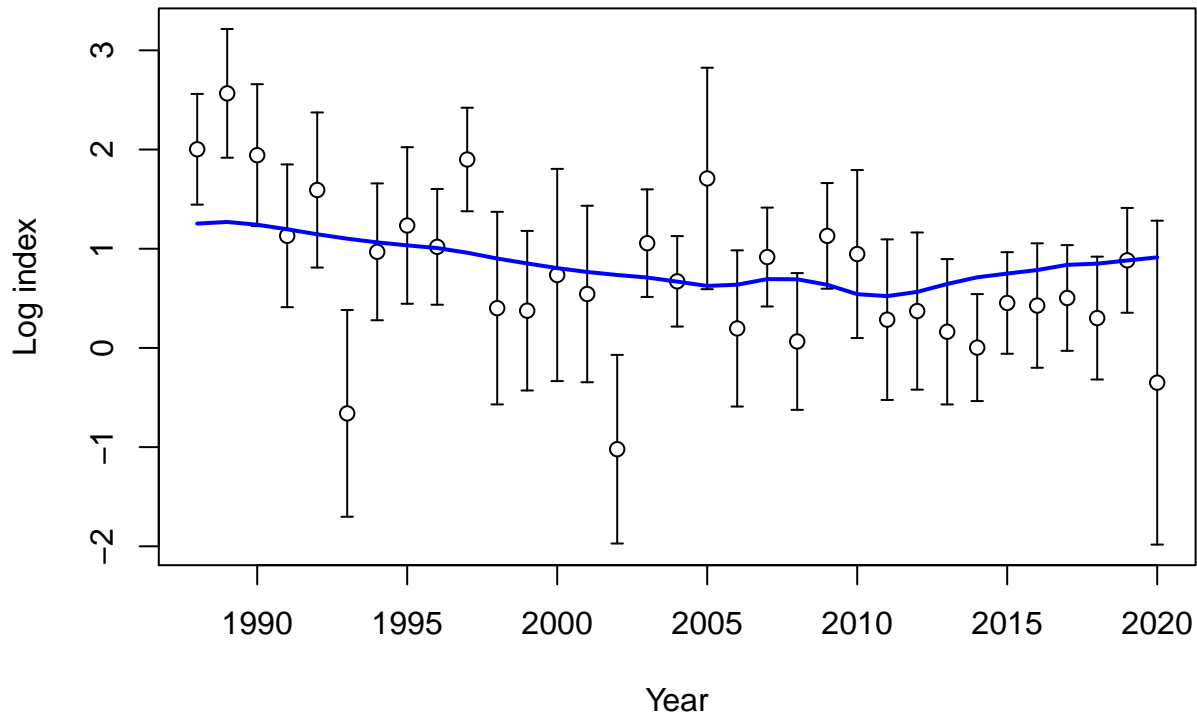
Expected index

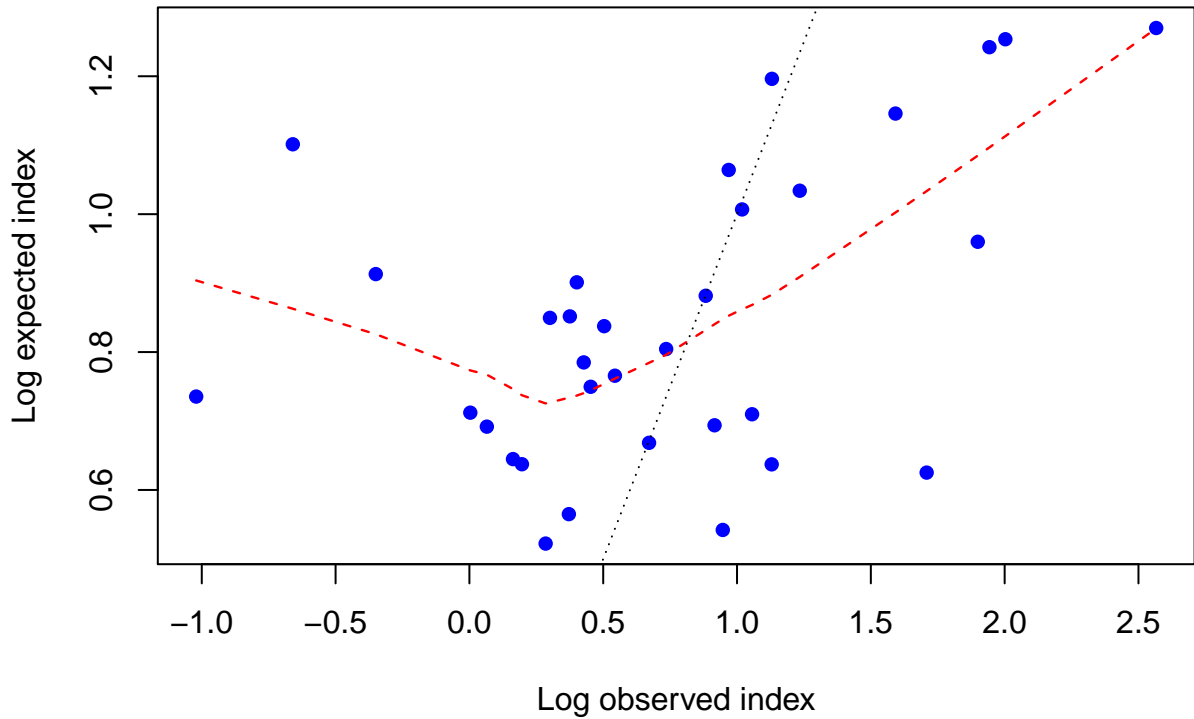


Observed index

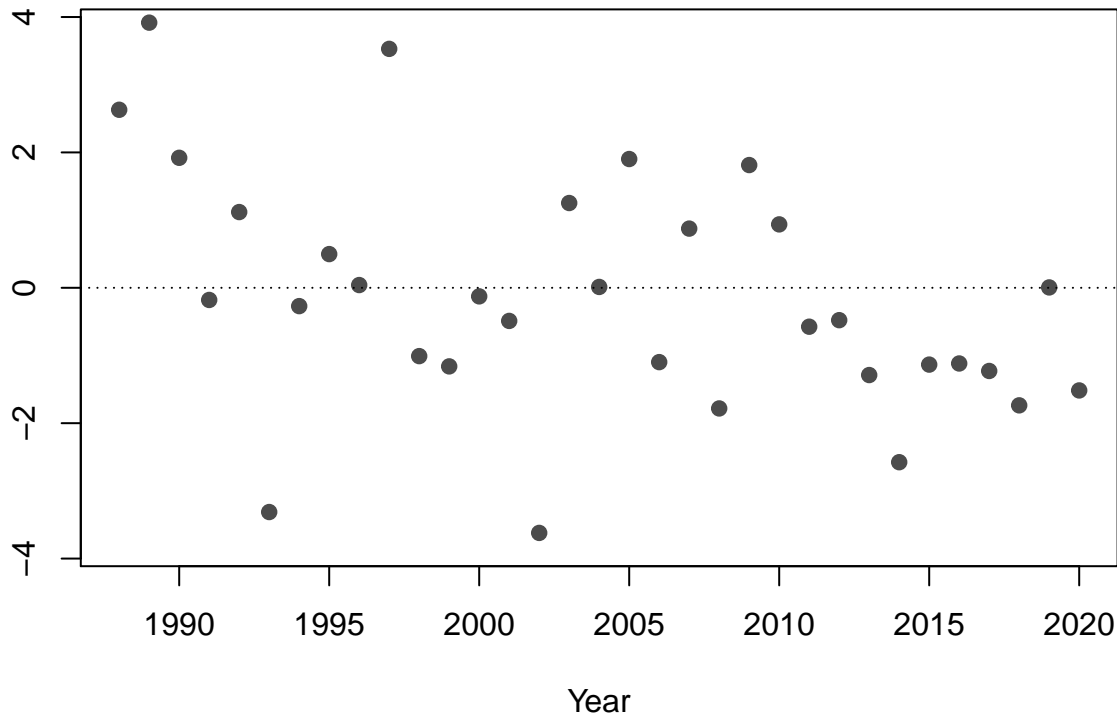
Log index

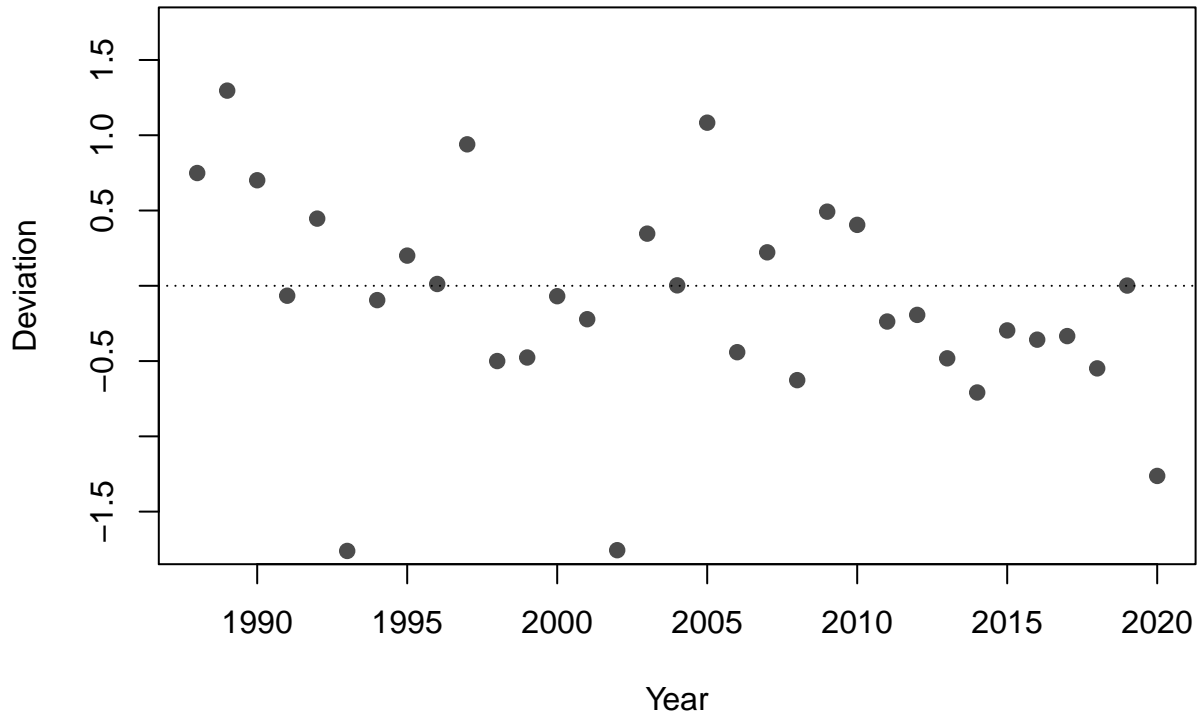




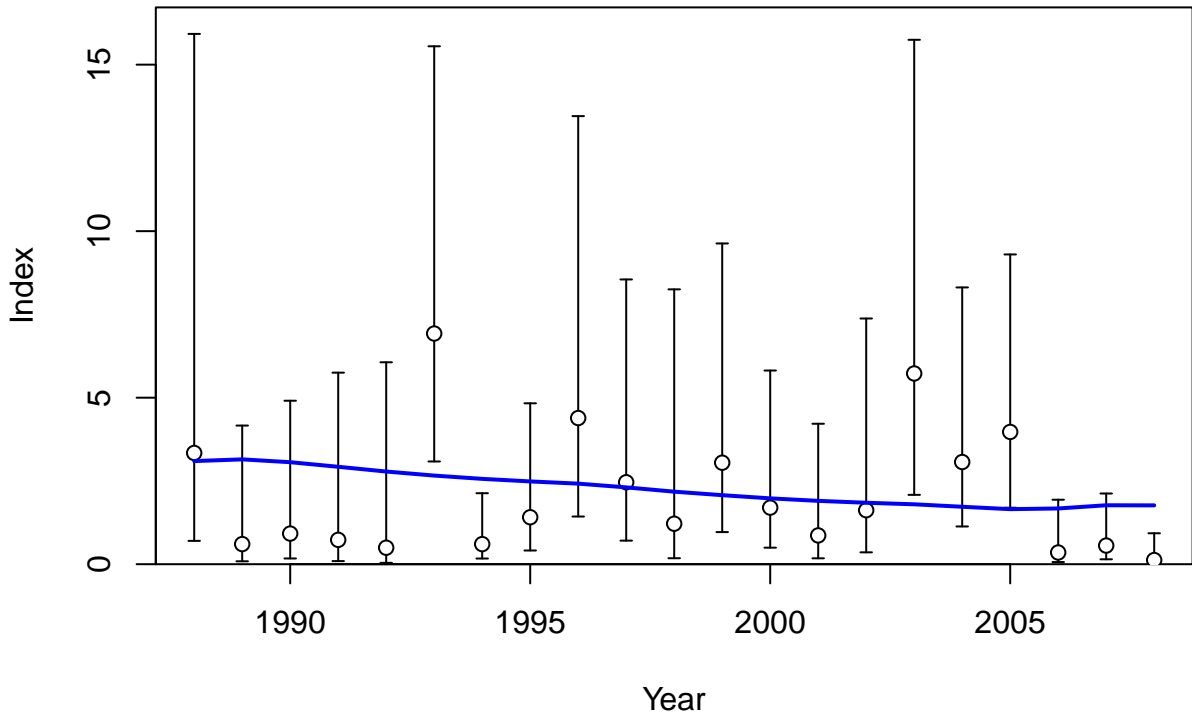


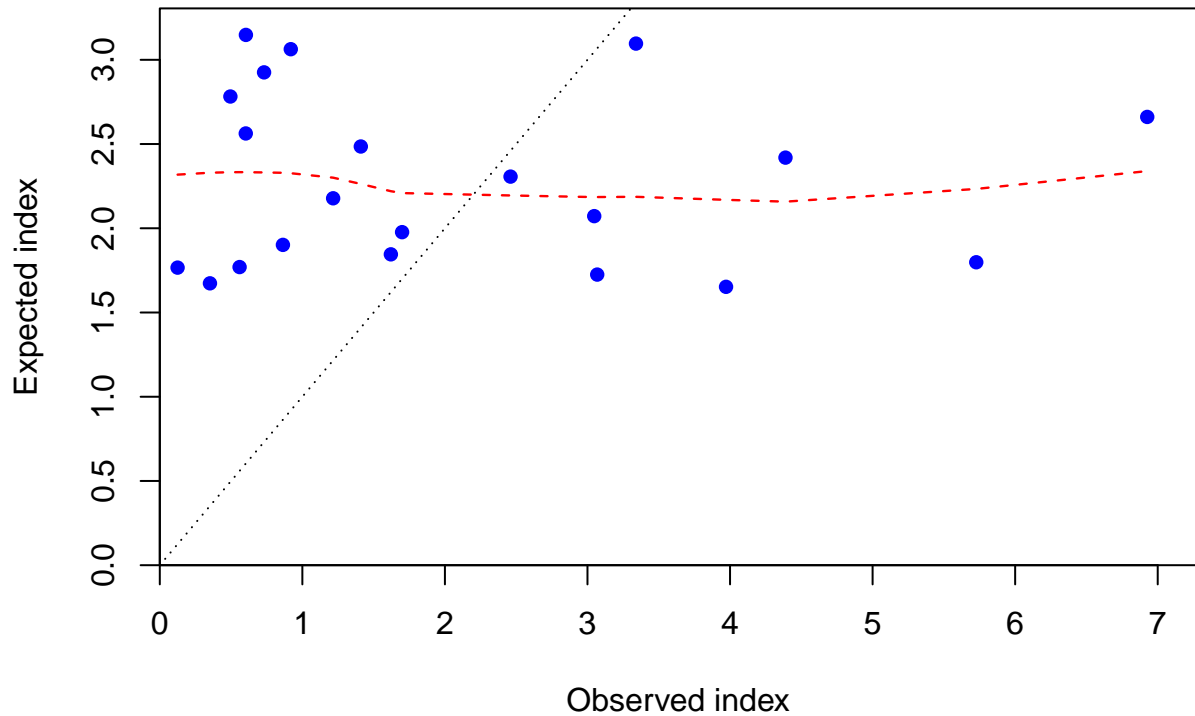
Residual







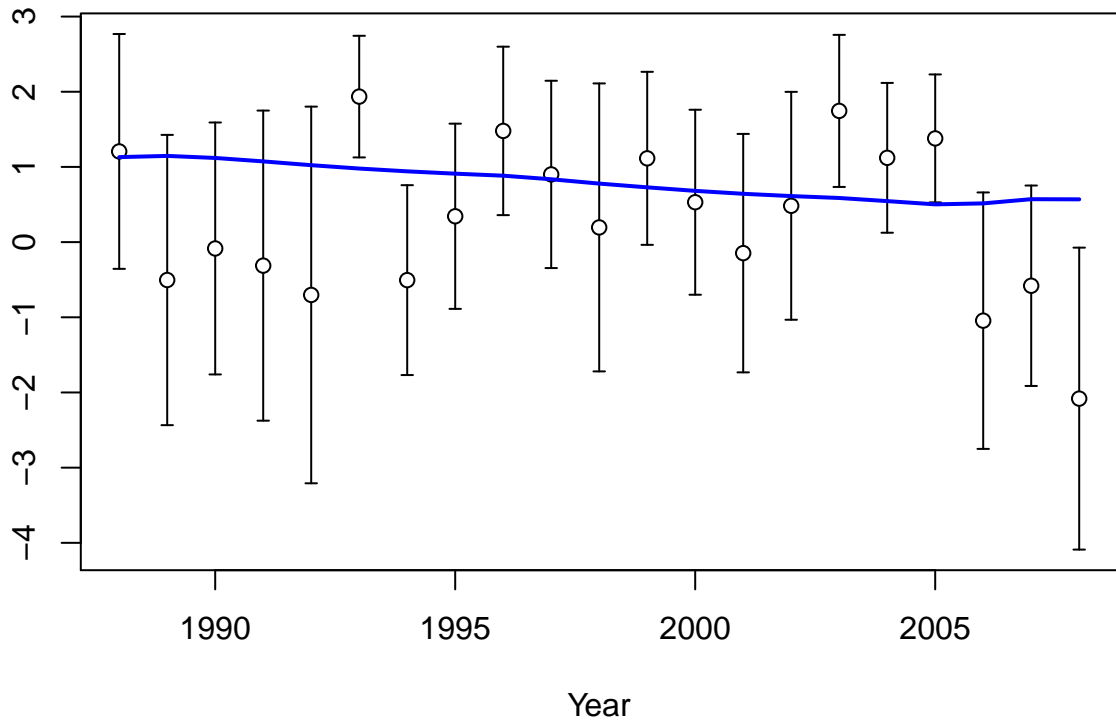


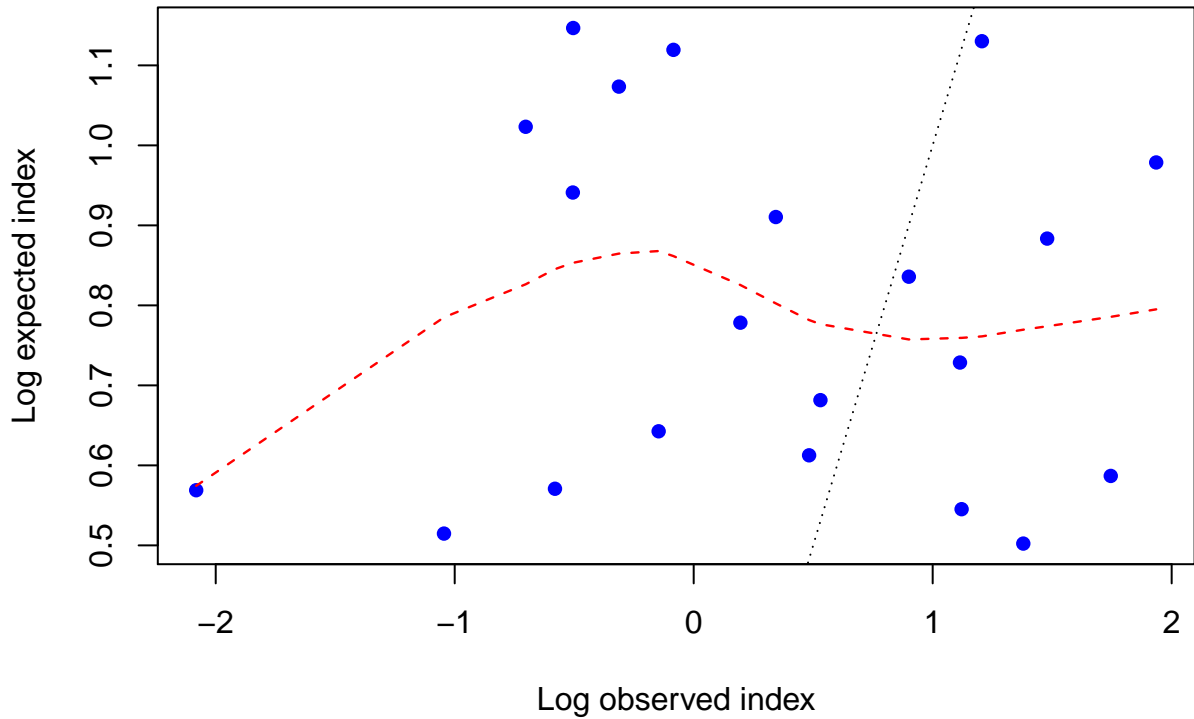


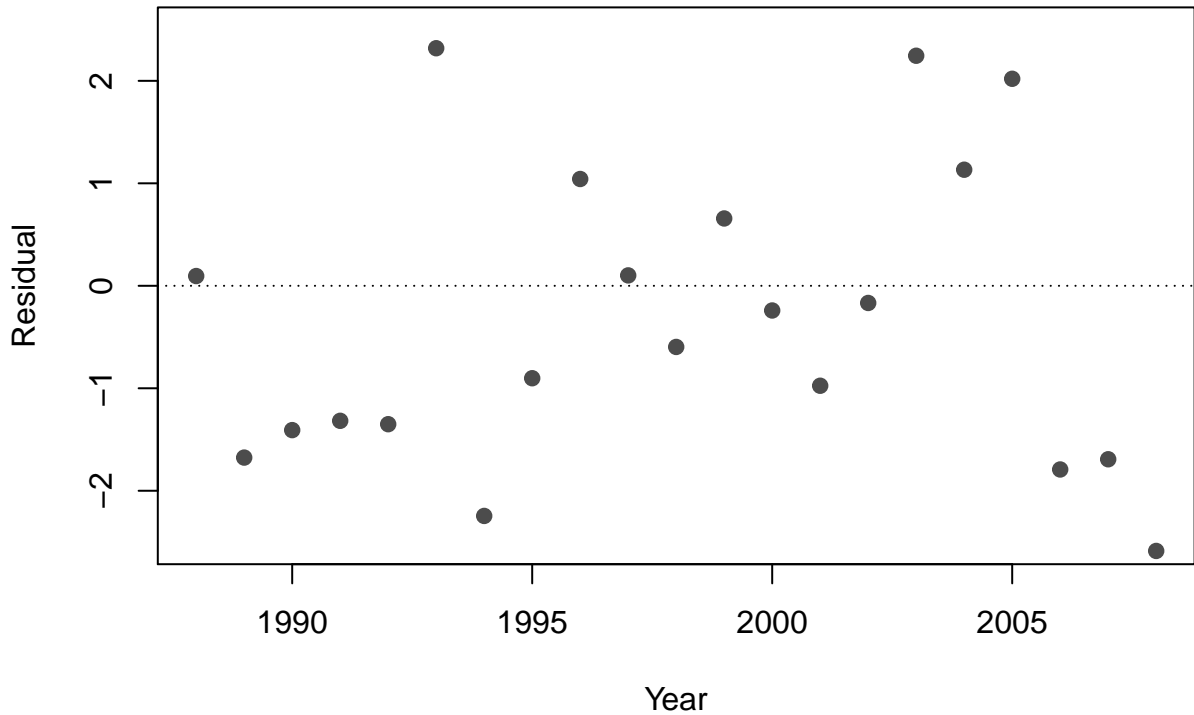
Log index

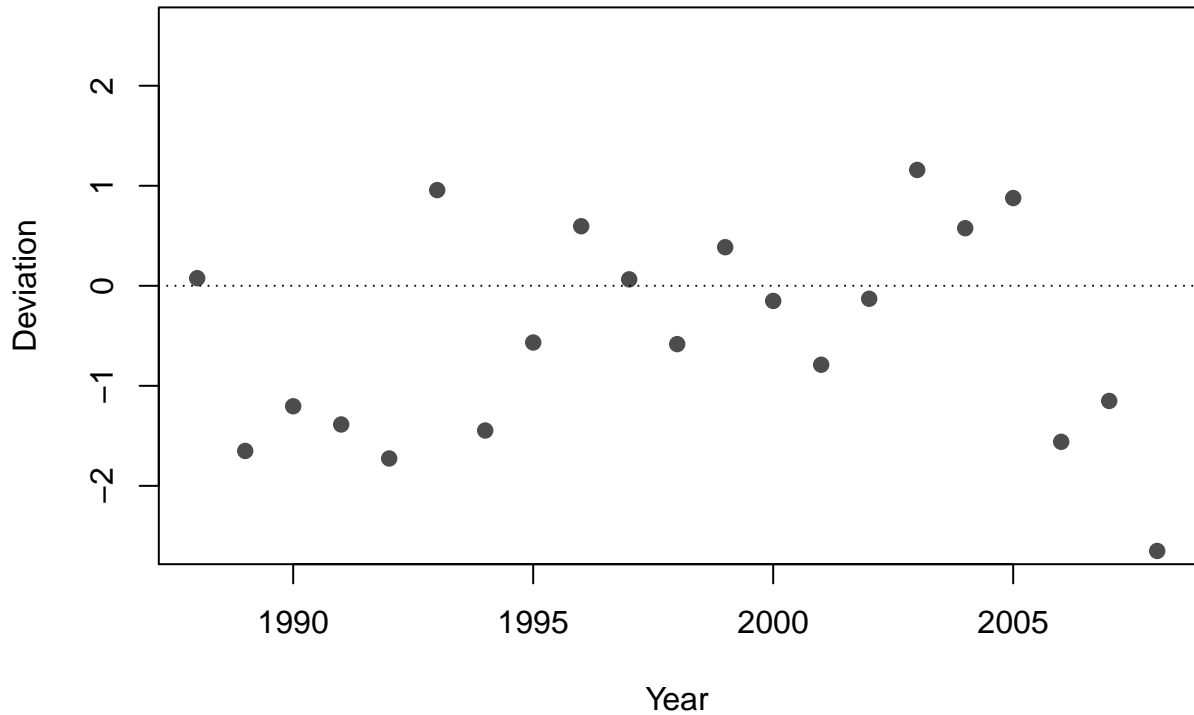


Log index

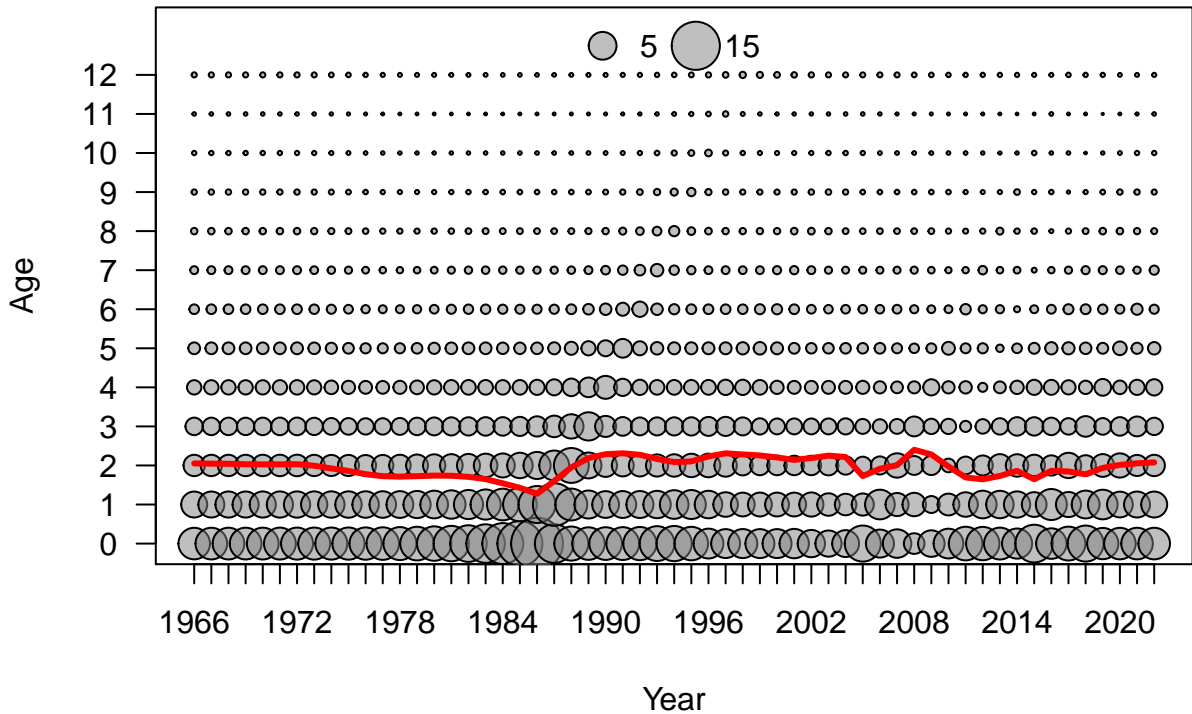




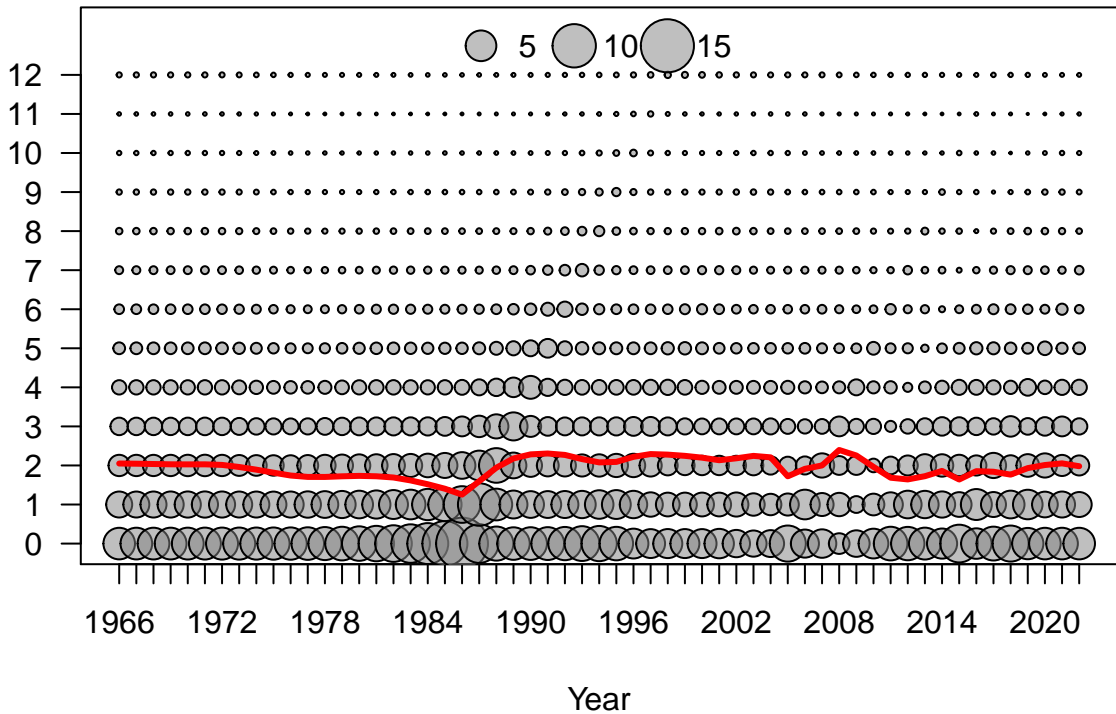


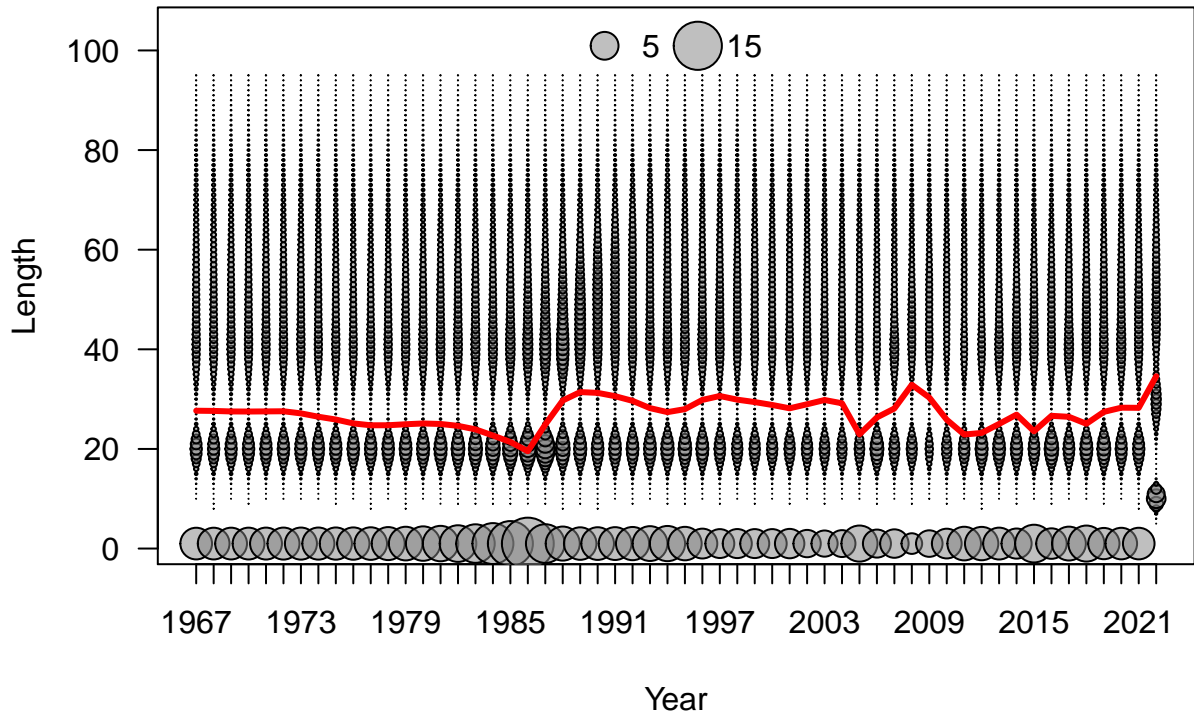


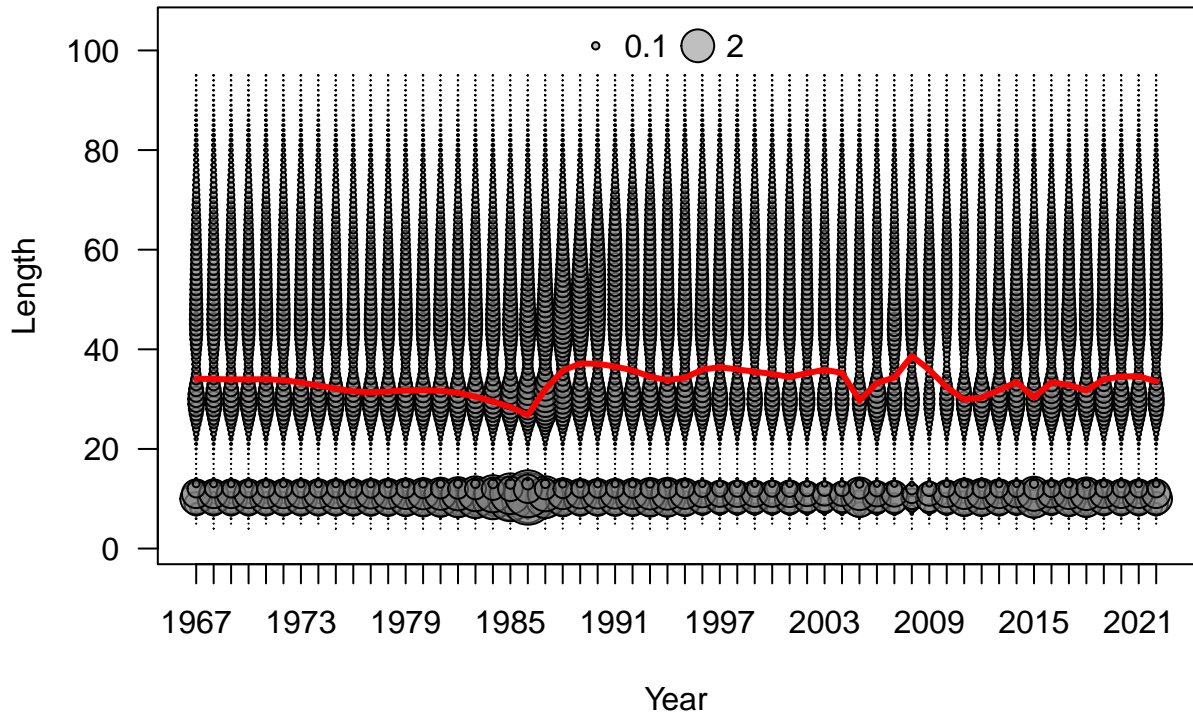


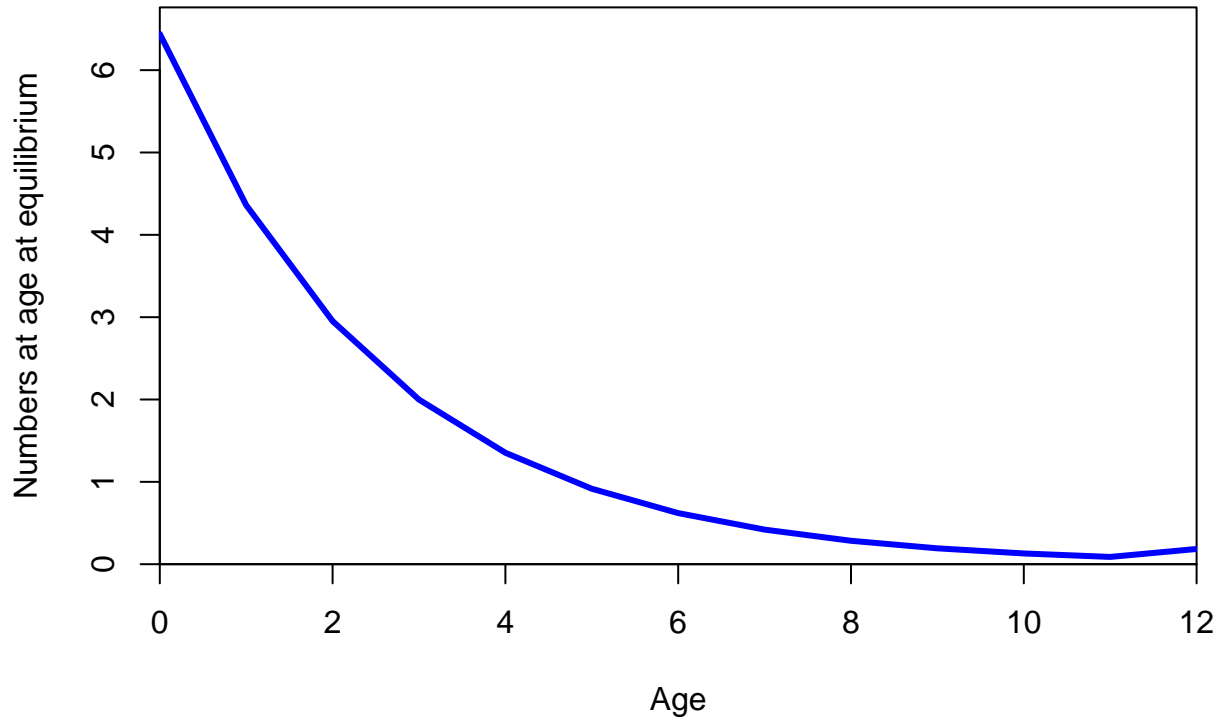


Age



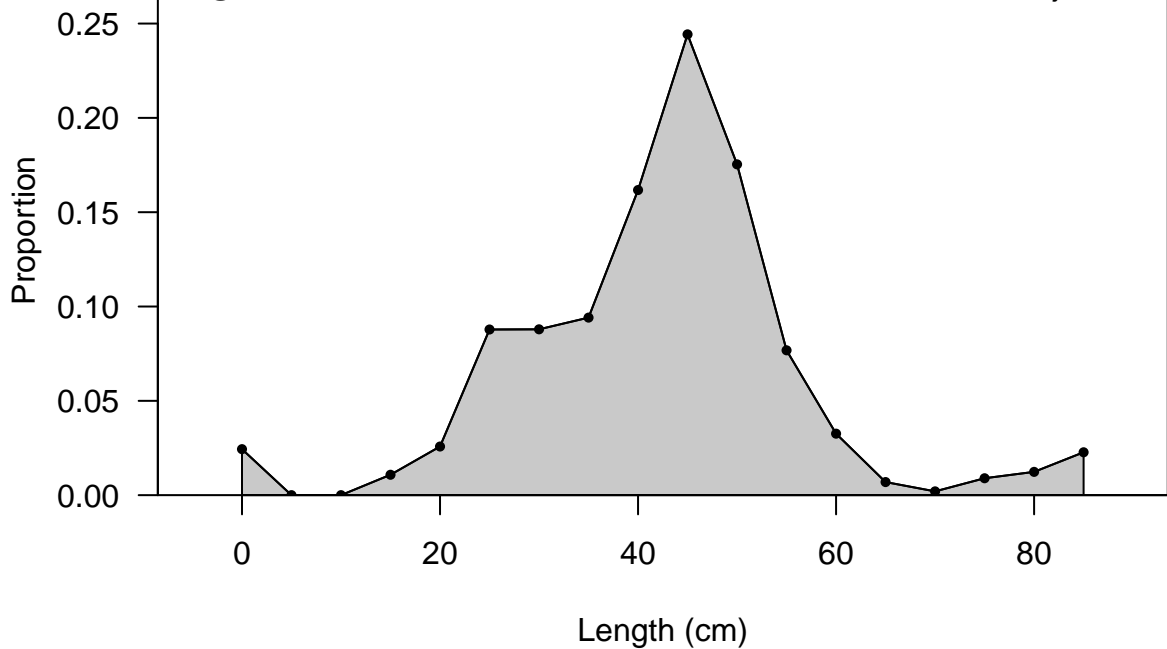


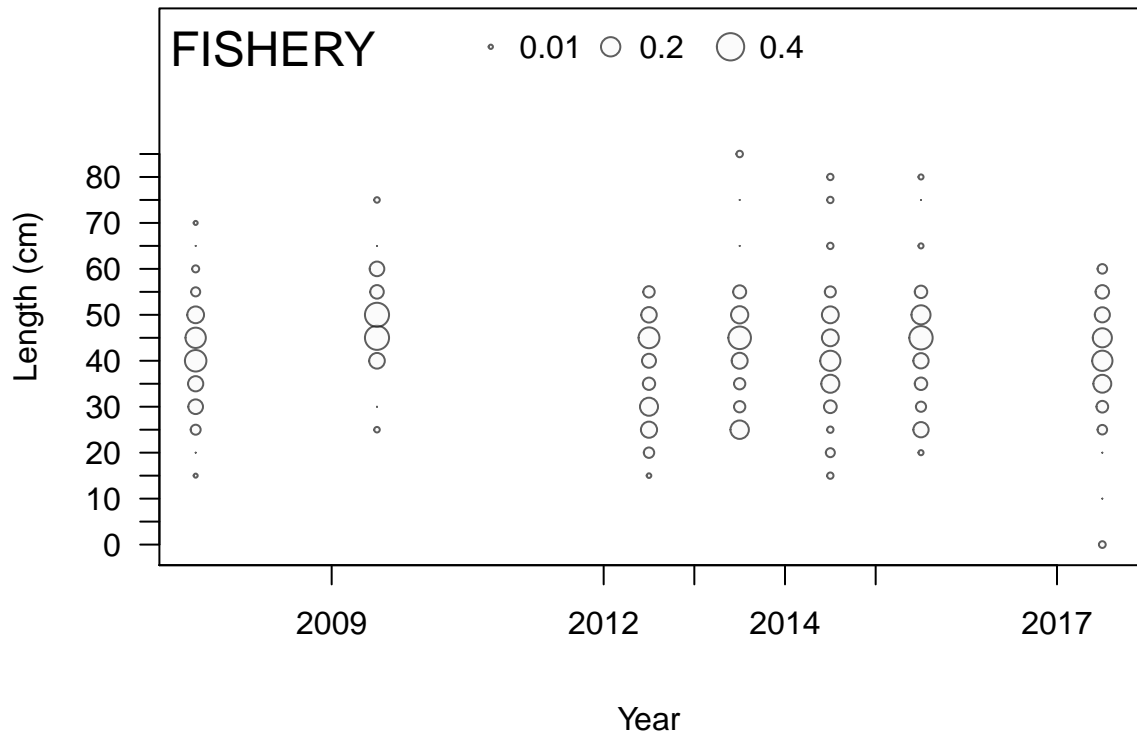




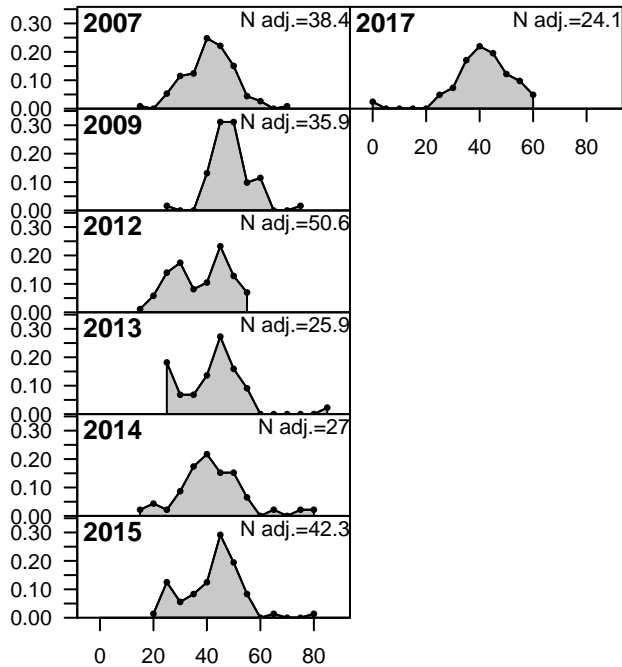
FISHERY

Sum of N adj.=244.2





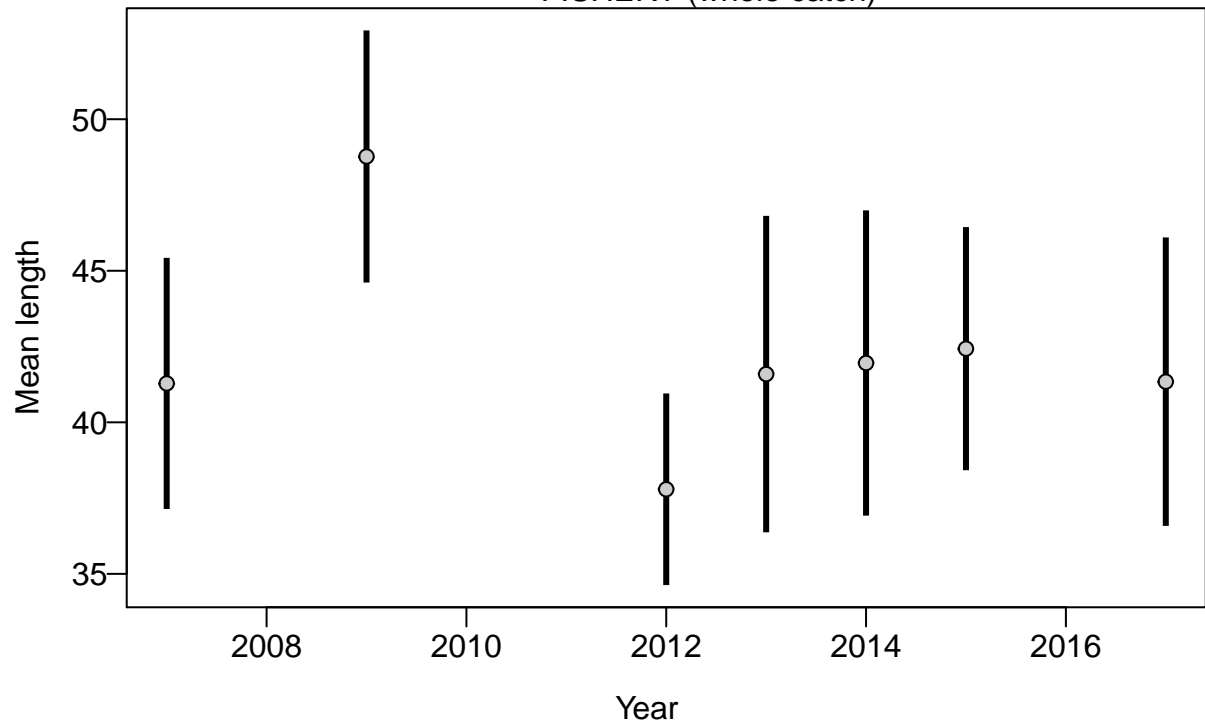
Proportion



Length (cm)

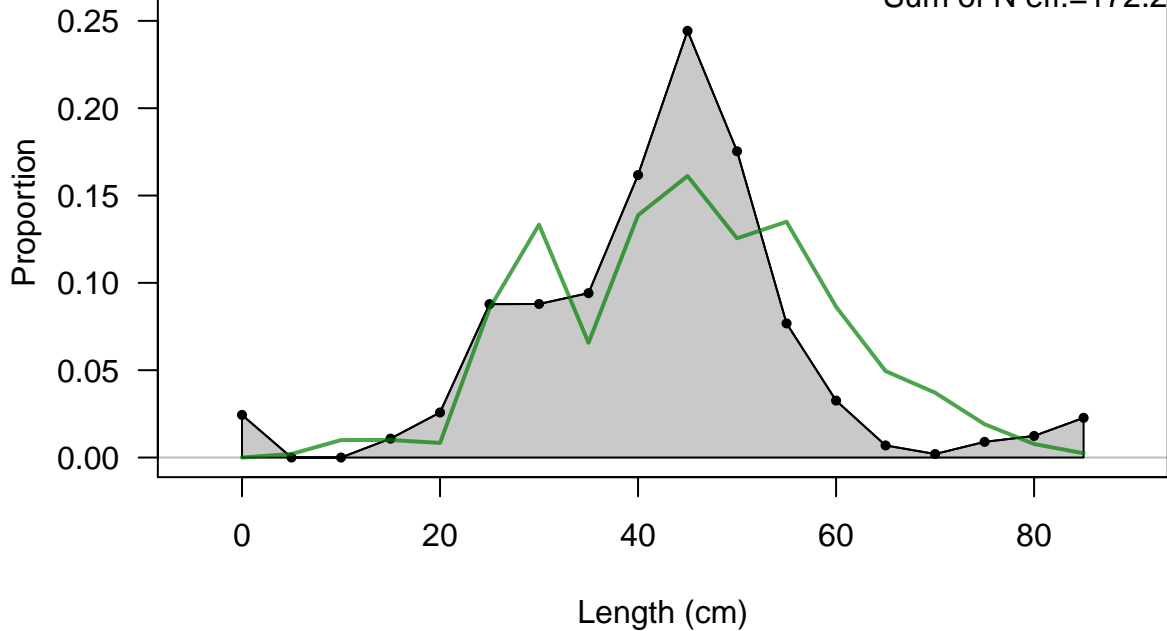


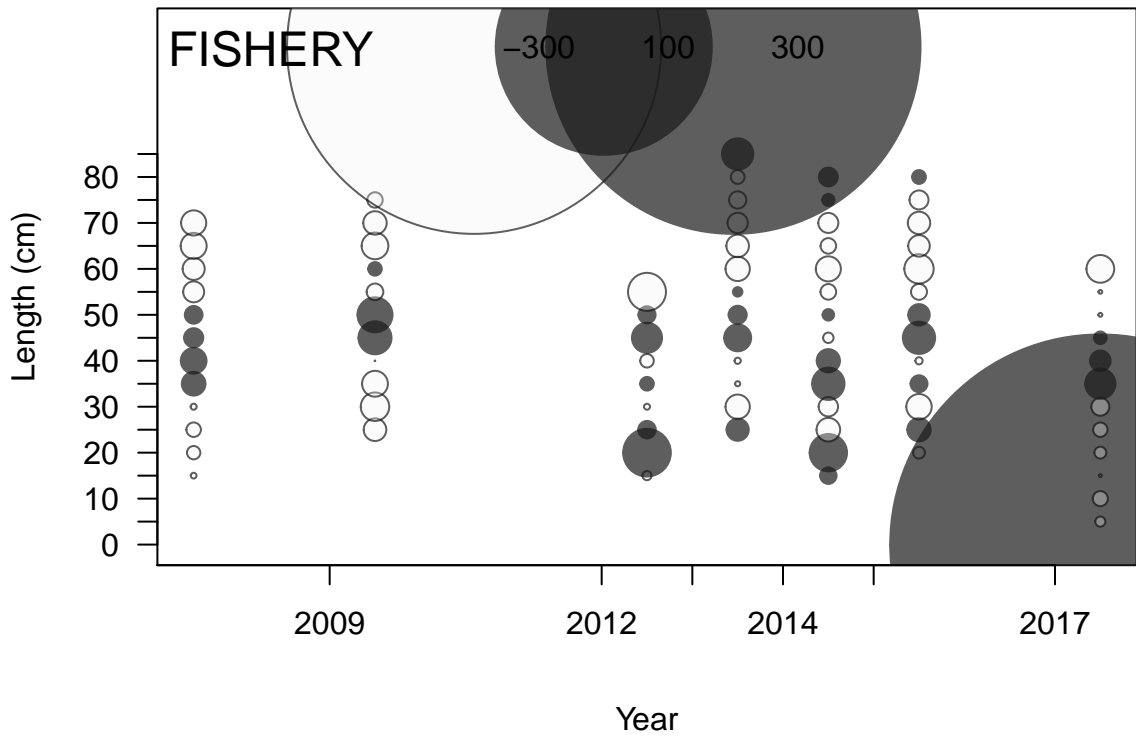
FISHERY (whole catch)



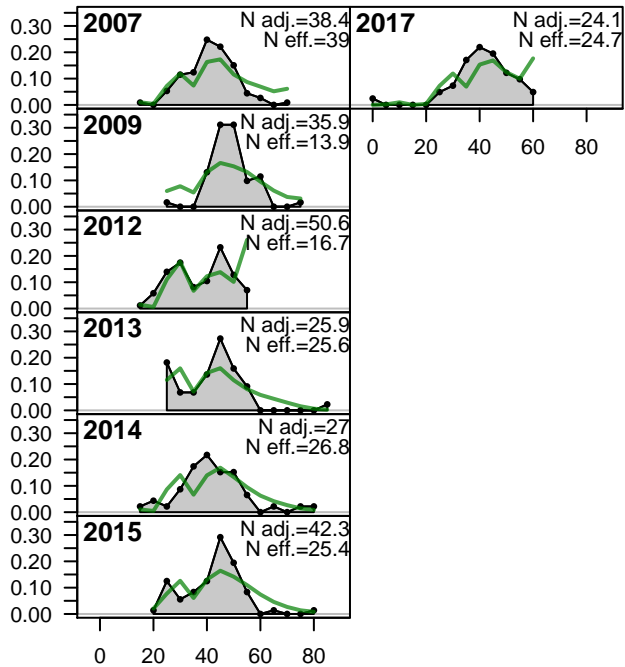
FISHERY

Sum of N adj.=244.2
Sum of N eff.=172.2

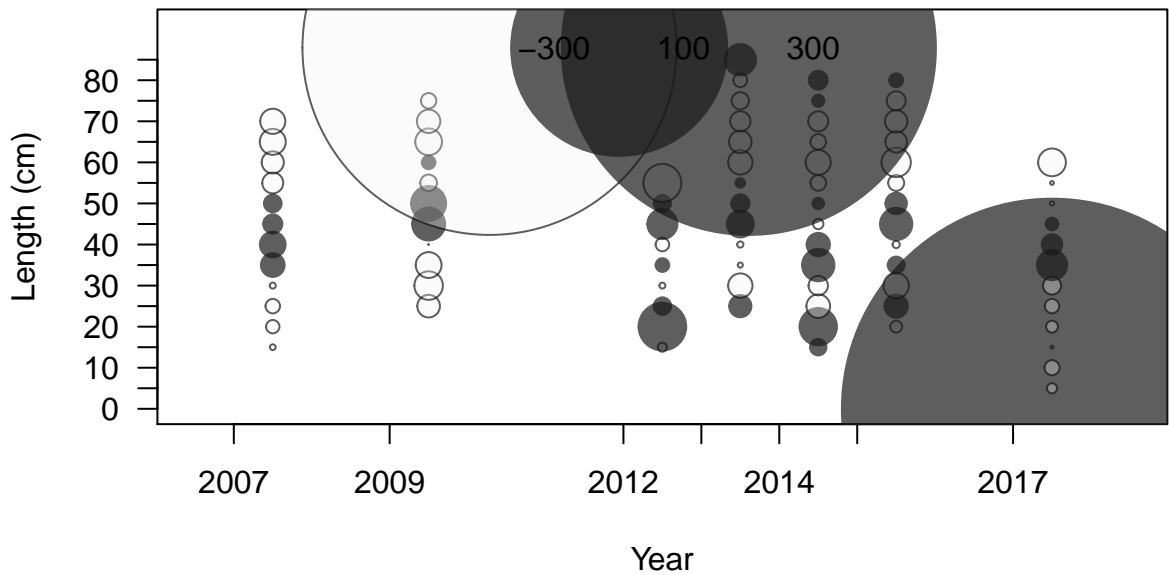




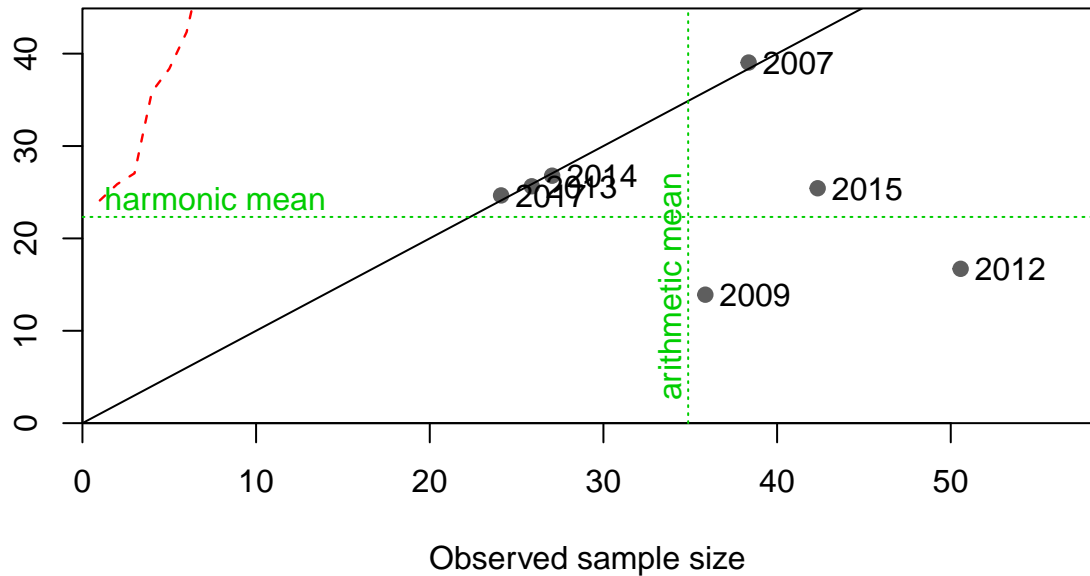
Proportion



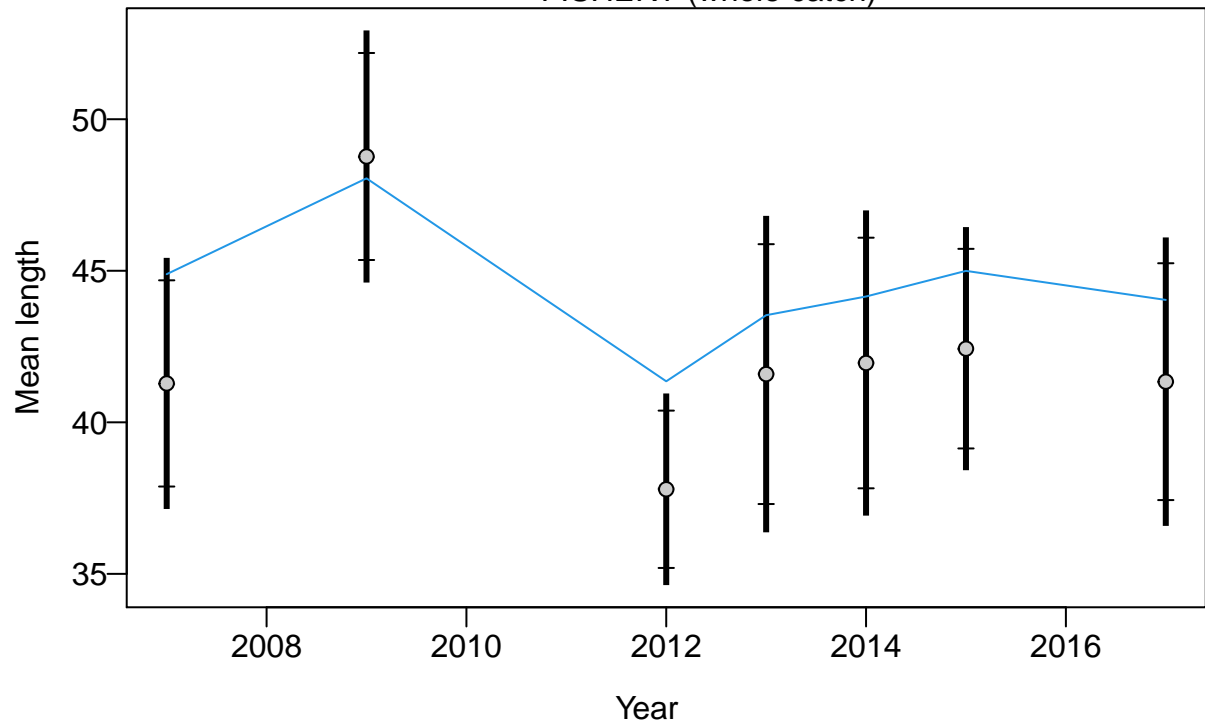
Length (cm)

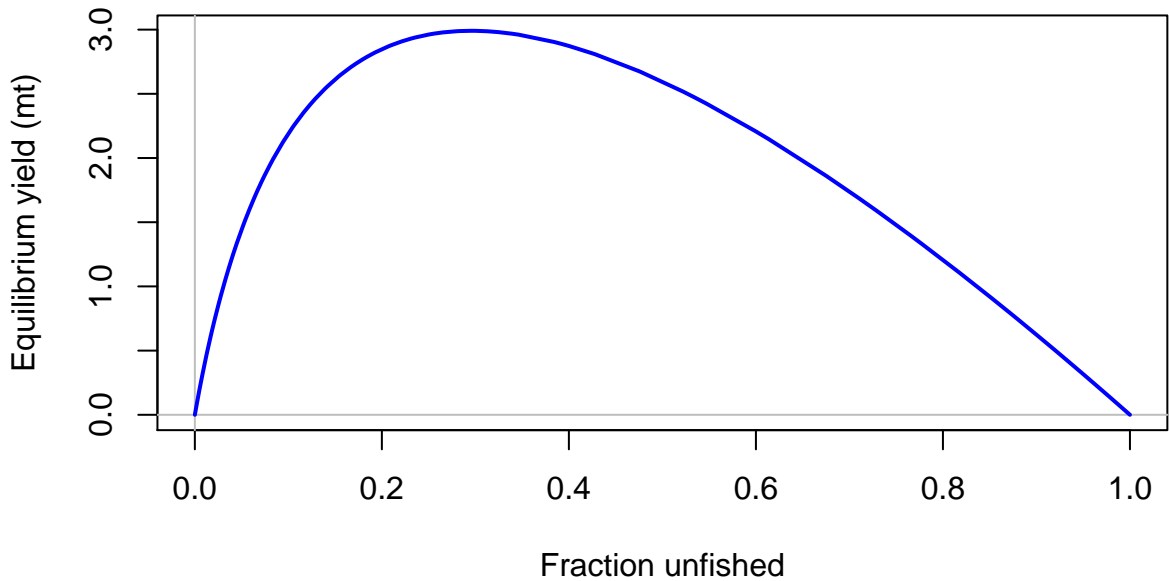


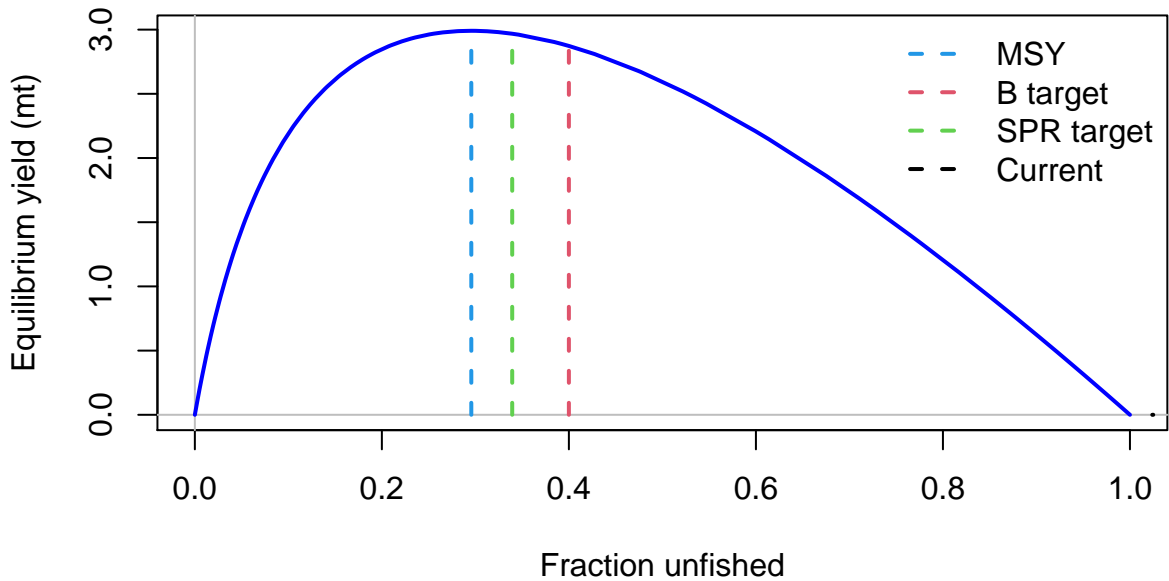
Effective sample size

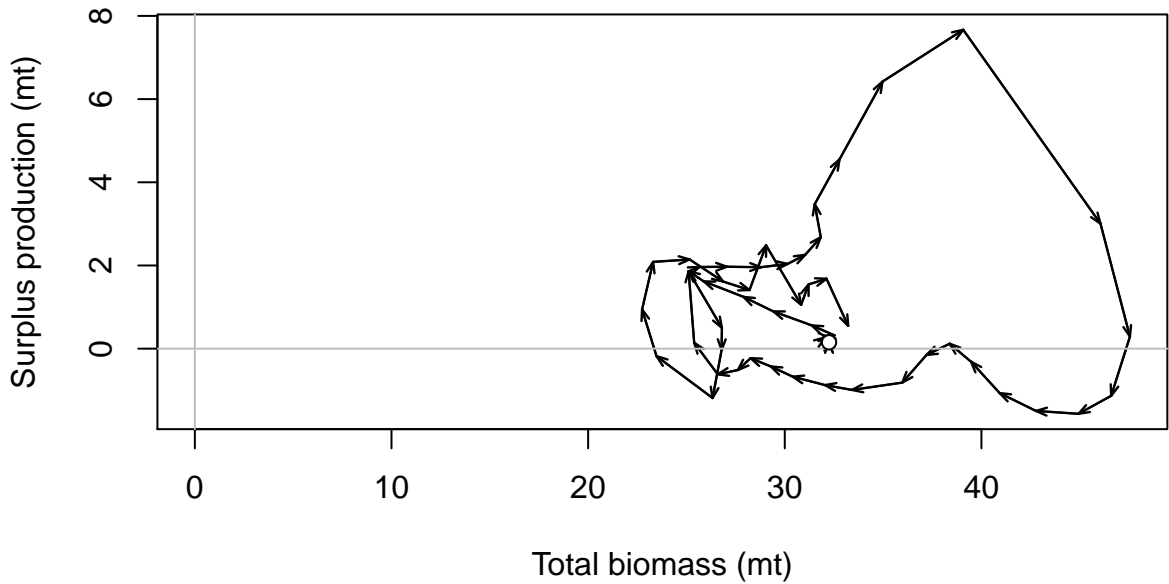


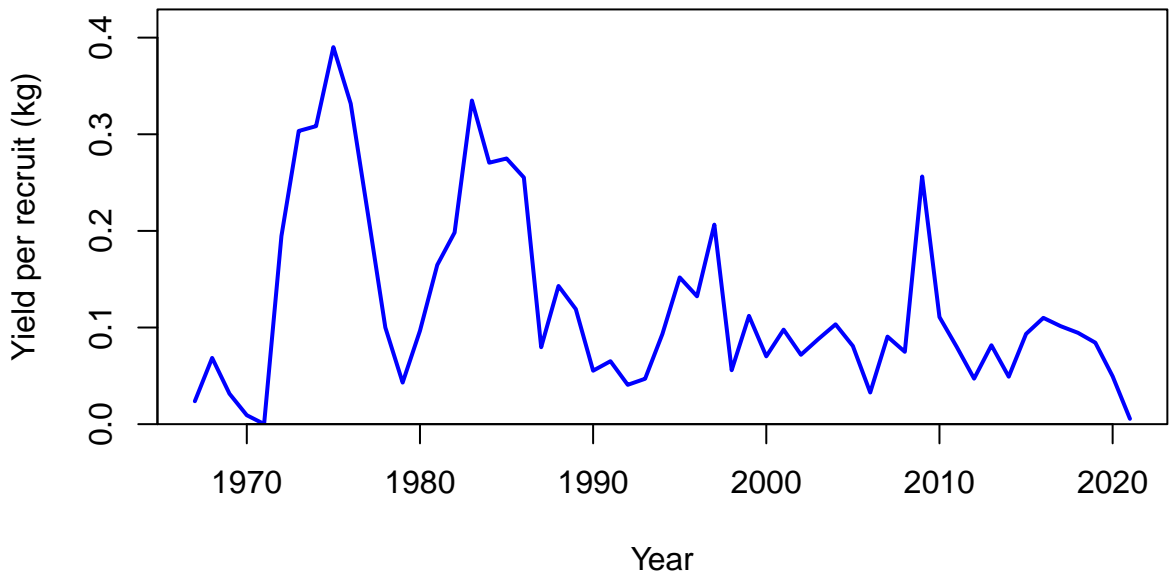
FISHERY (whole catch)



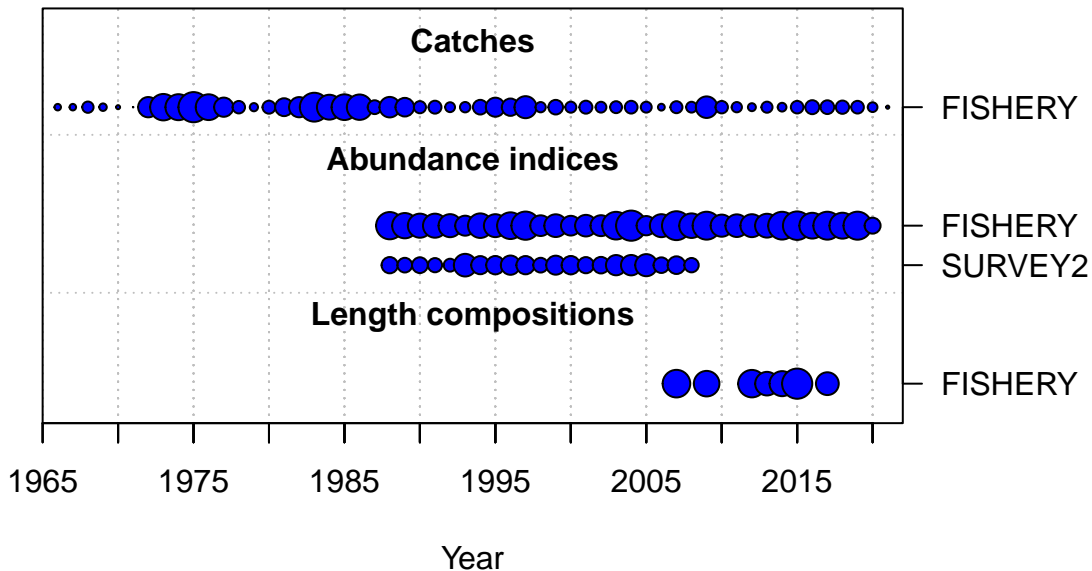




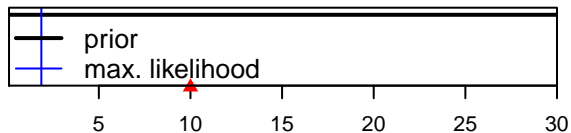




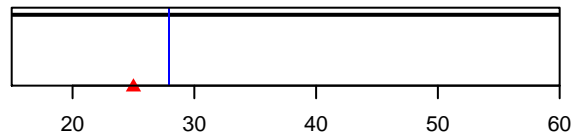




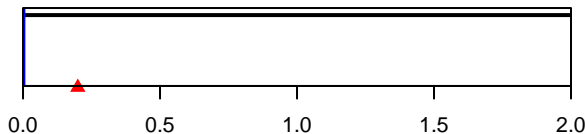
SR_LN(R0)



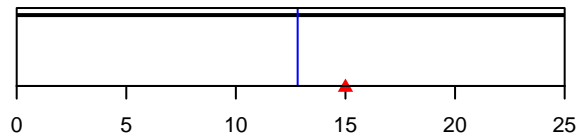
Size_inflection_FISHERY(1)



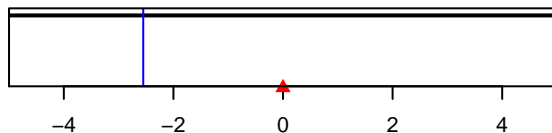
InitF_seas_1_flt_1FISHERY



Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)

