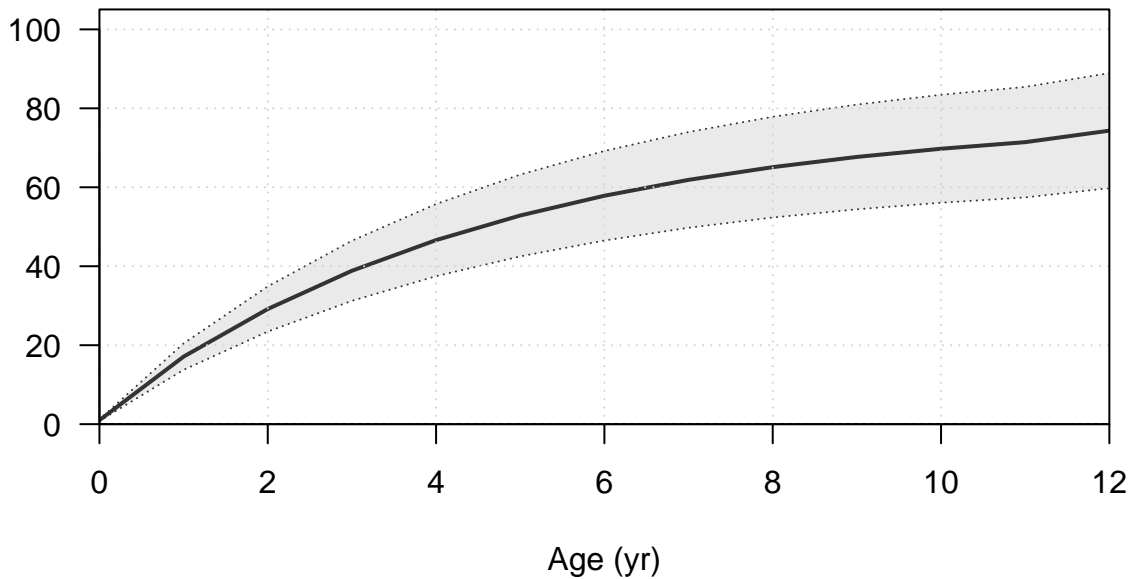
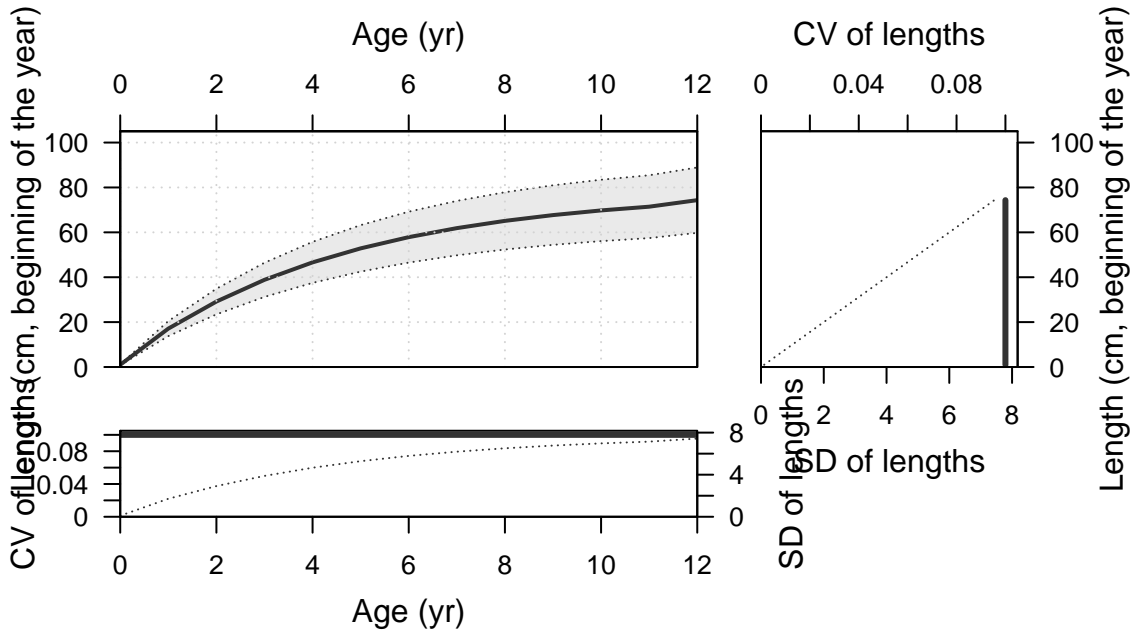
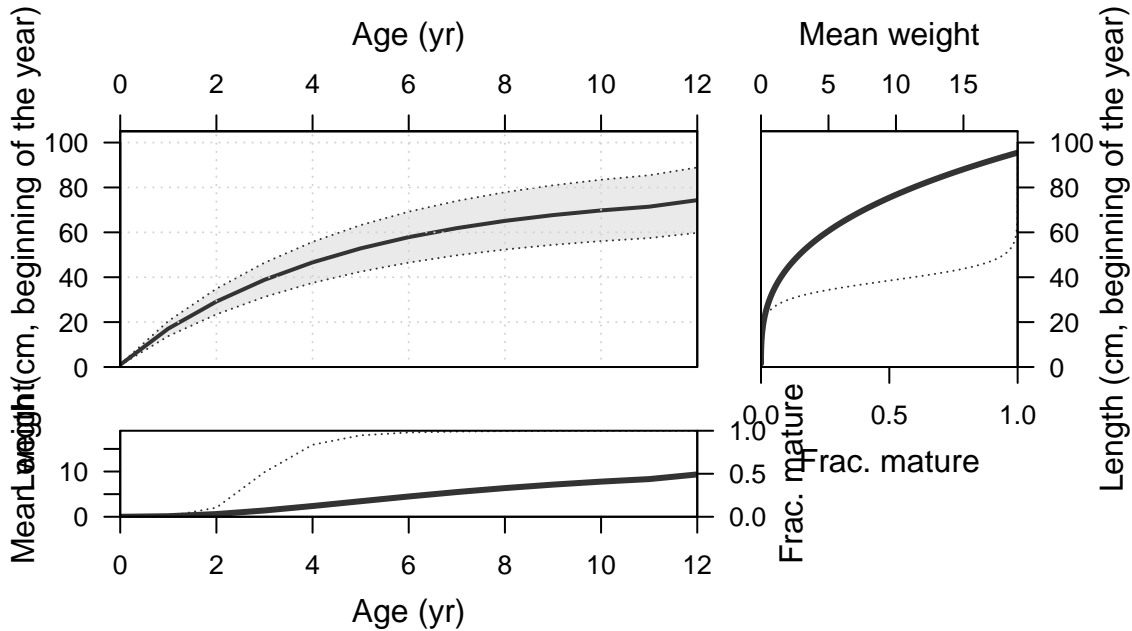


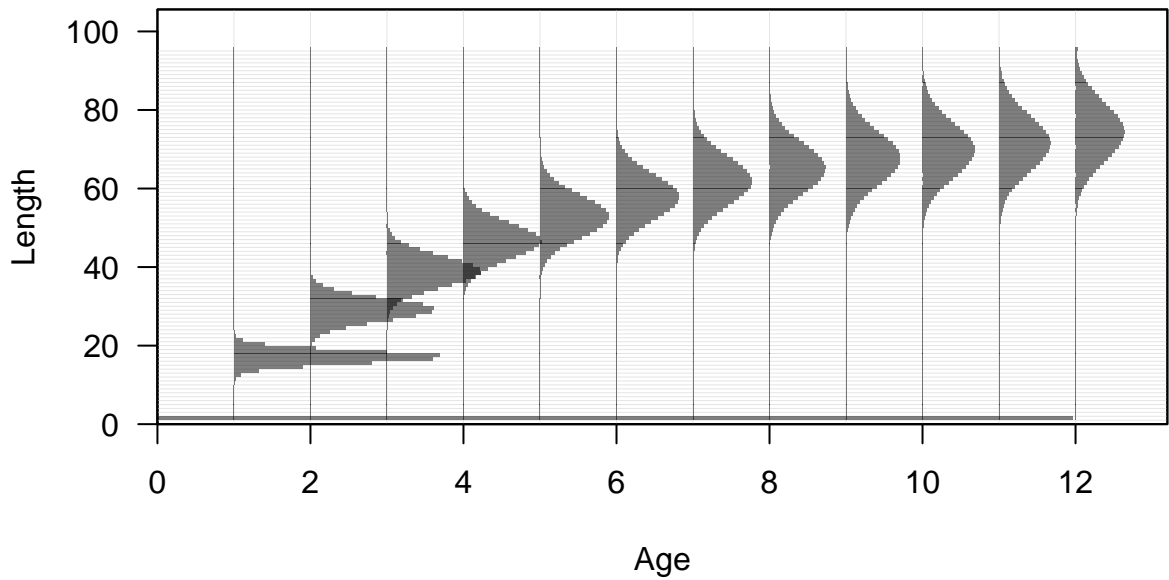
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Mon Jul 11 16:28:29 2022
Data_File: data.ss
Control_File: control.ss

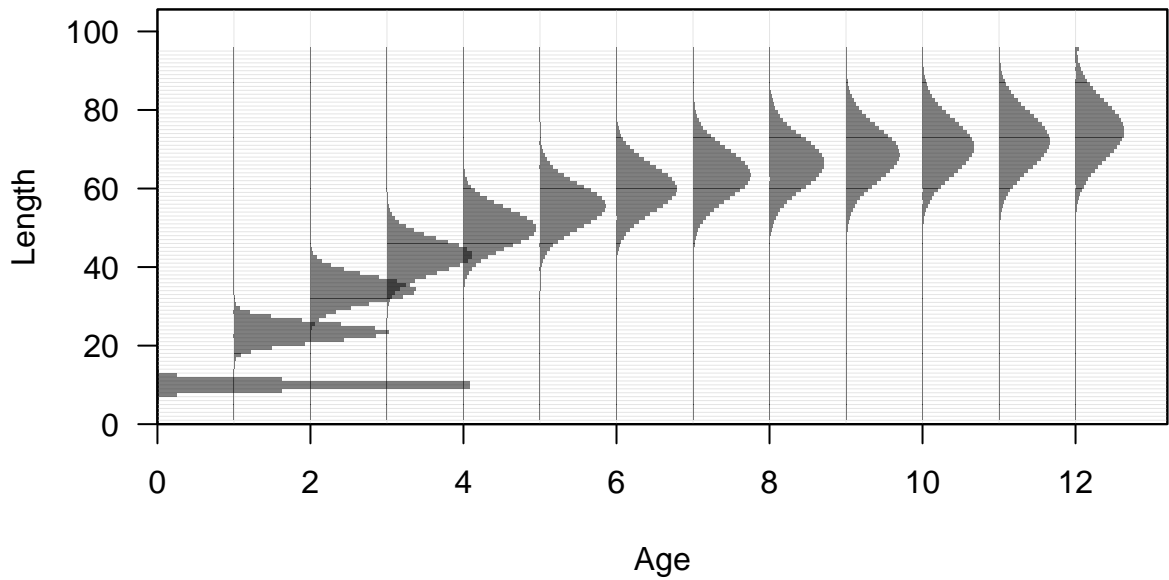
Length (cm, beginning of the year)









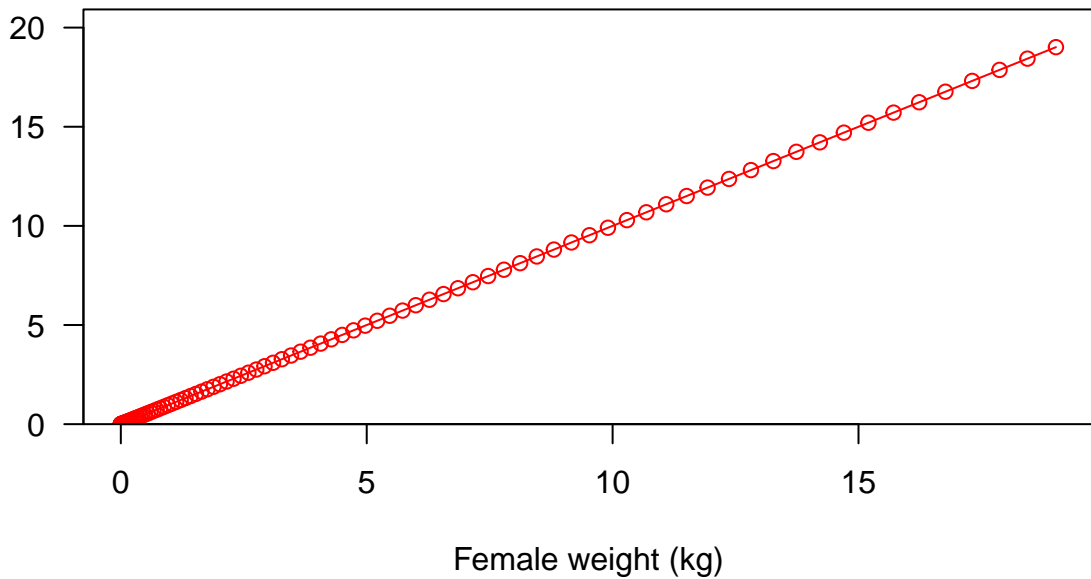








Fecundity

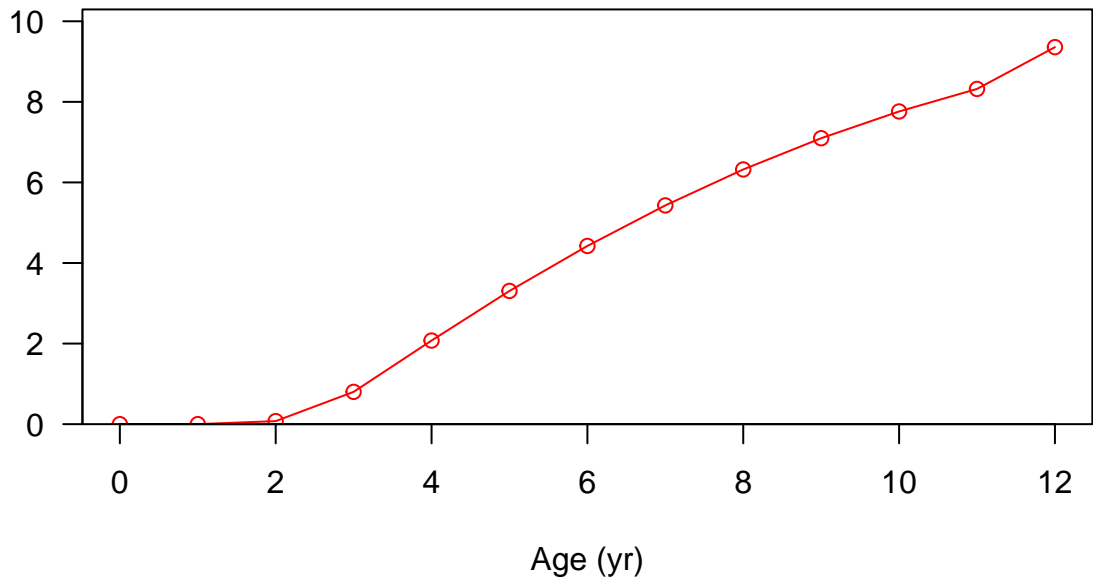




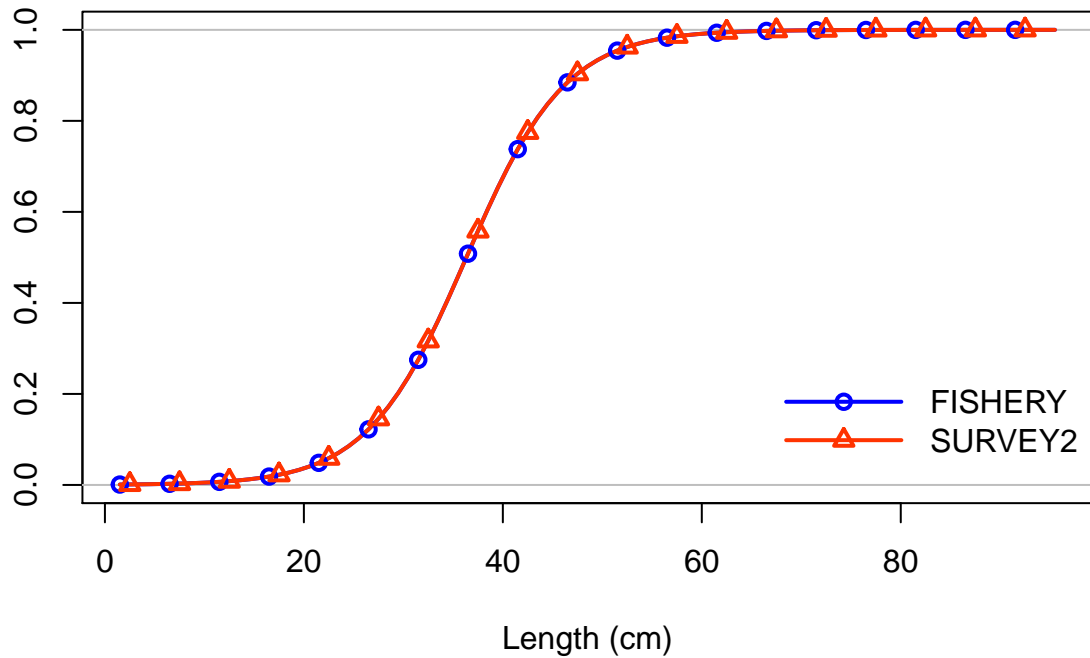
Spawning output



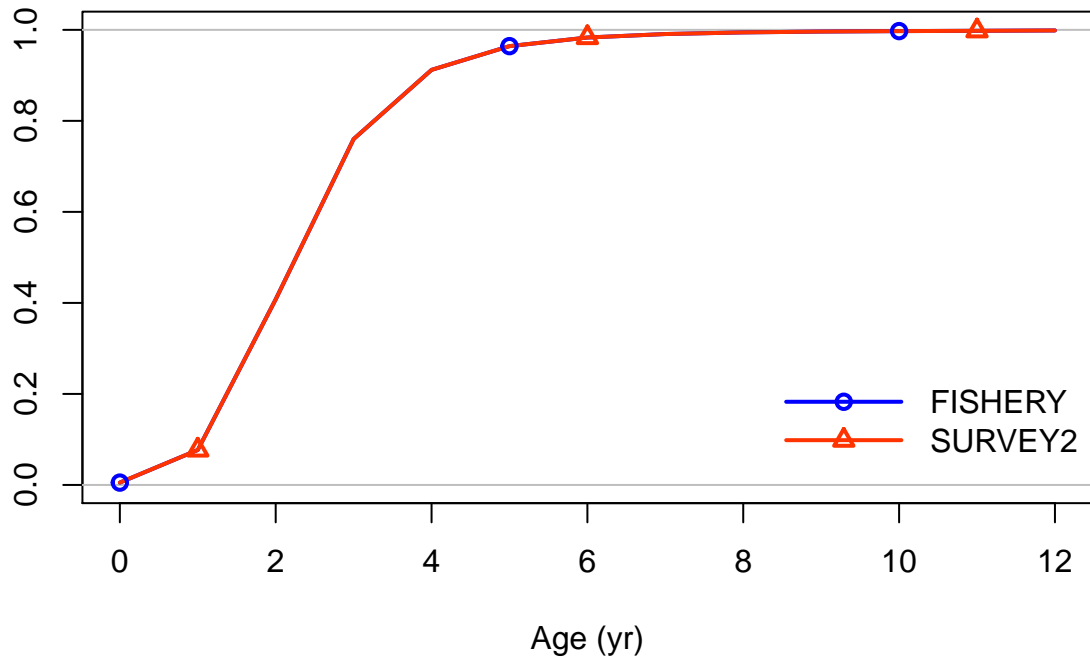
Spawning output



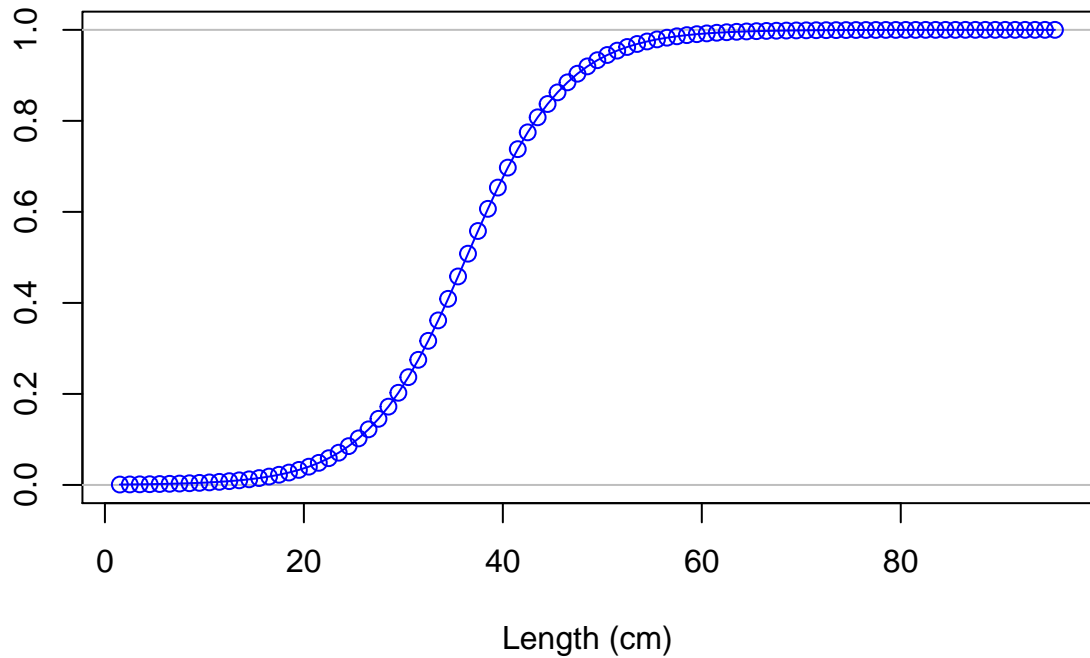
Selectivity



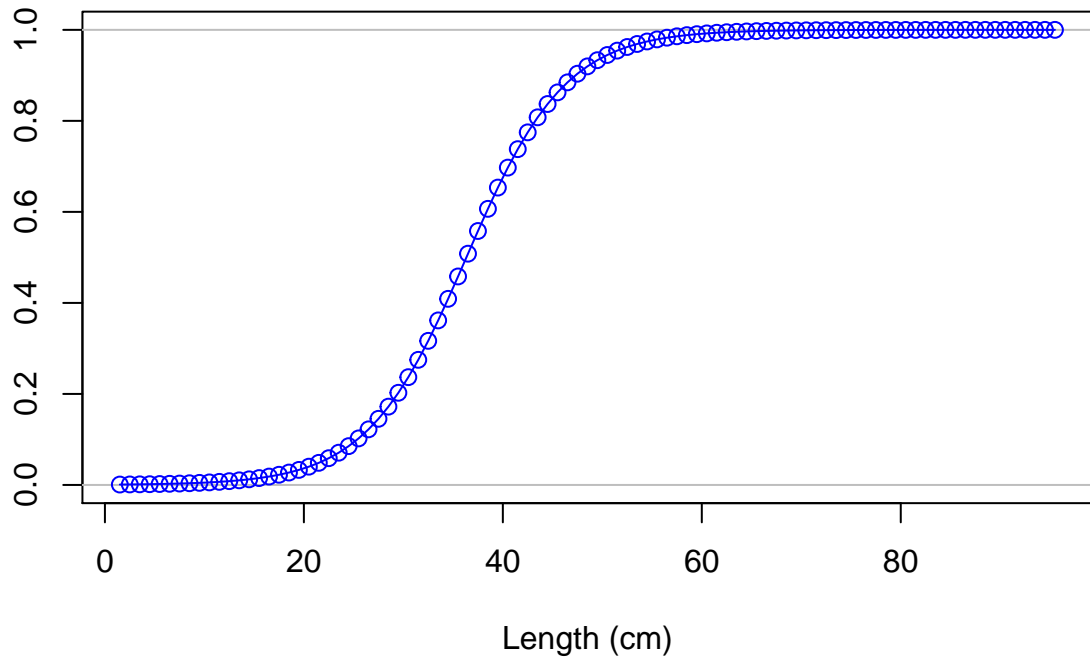
Selectivity

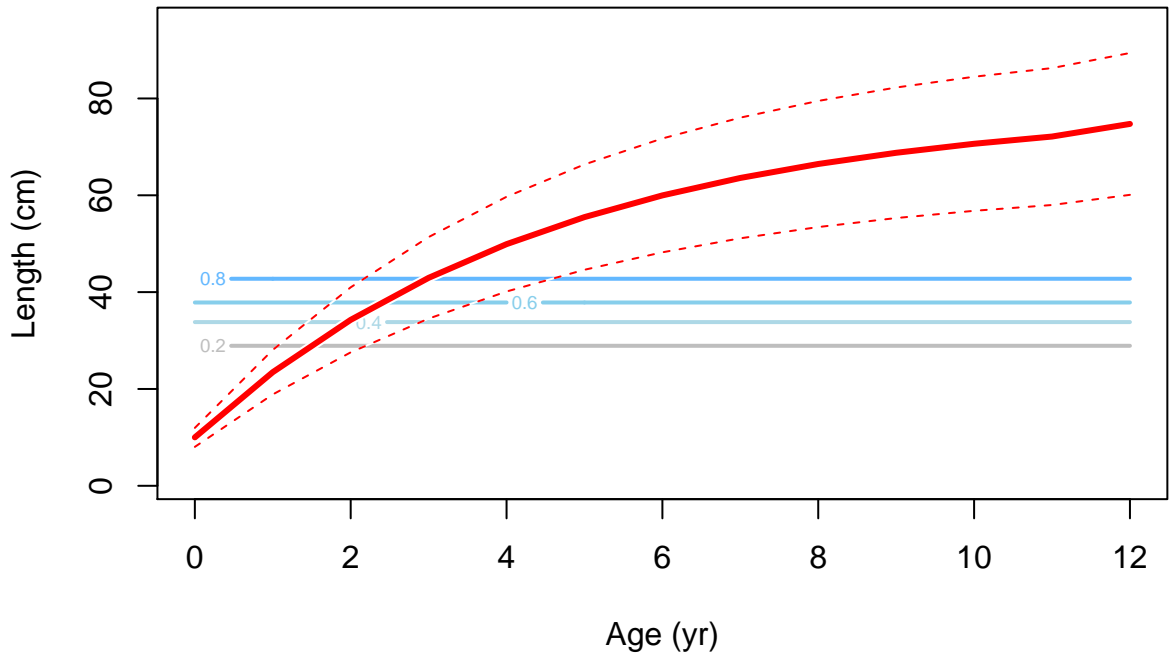


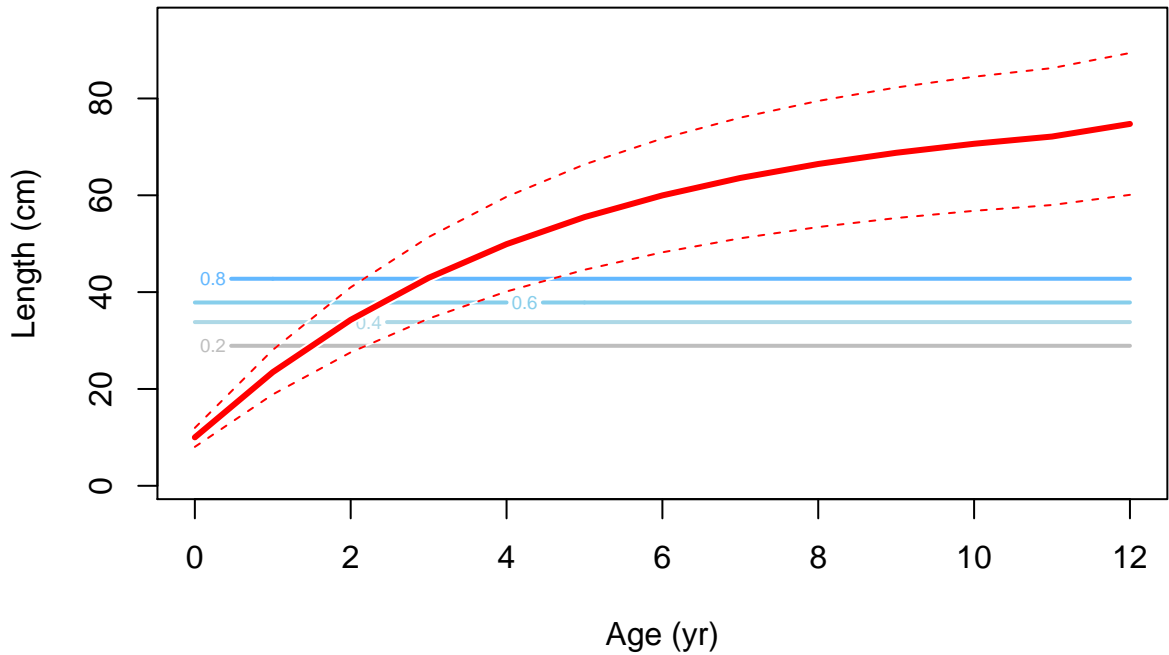
Selectivity

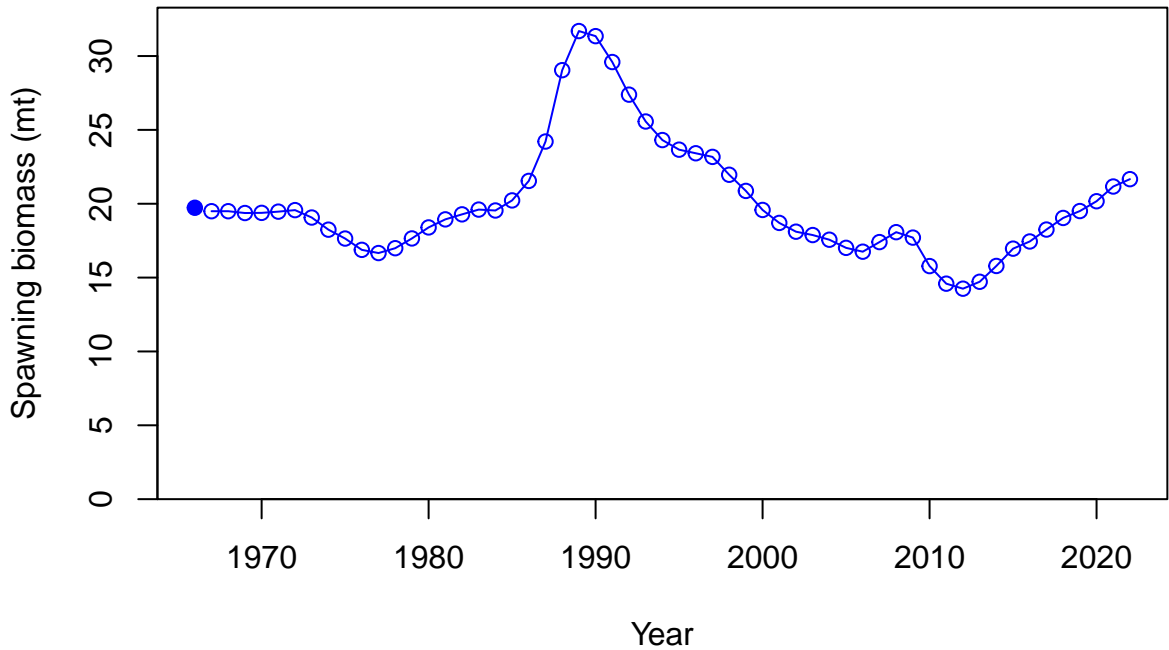


Selectivity

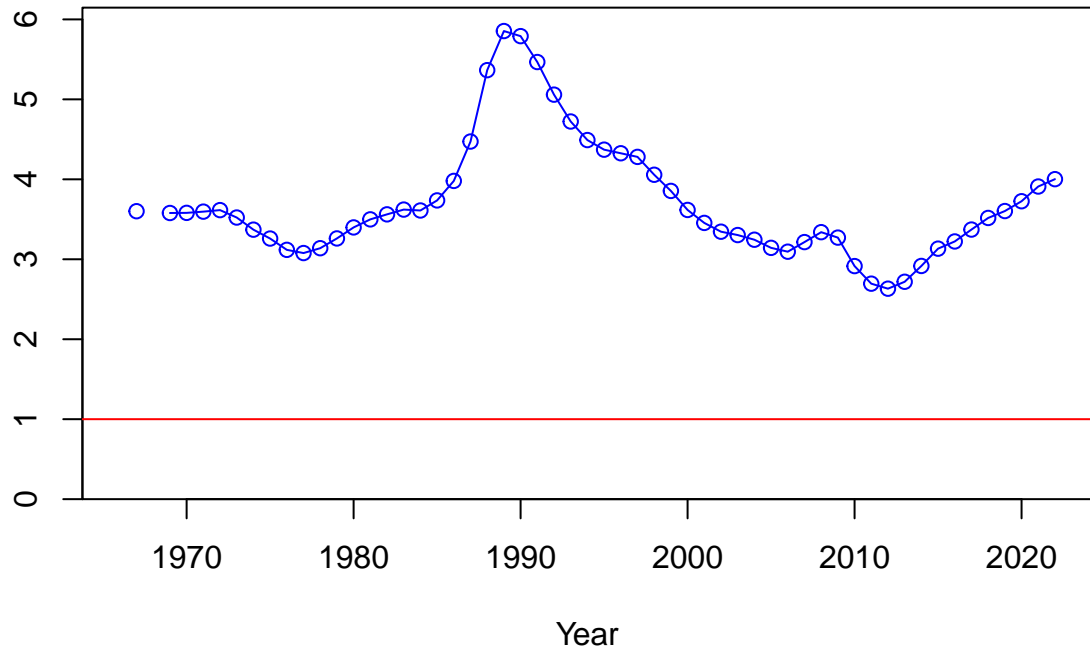


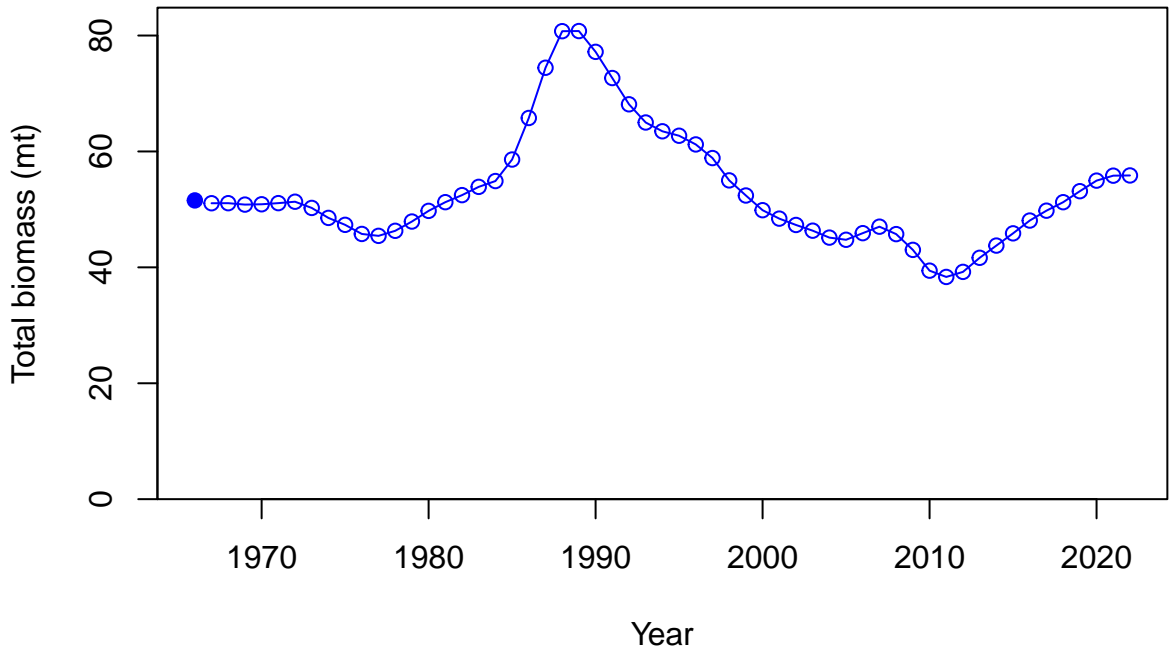




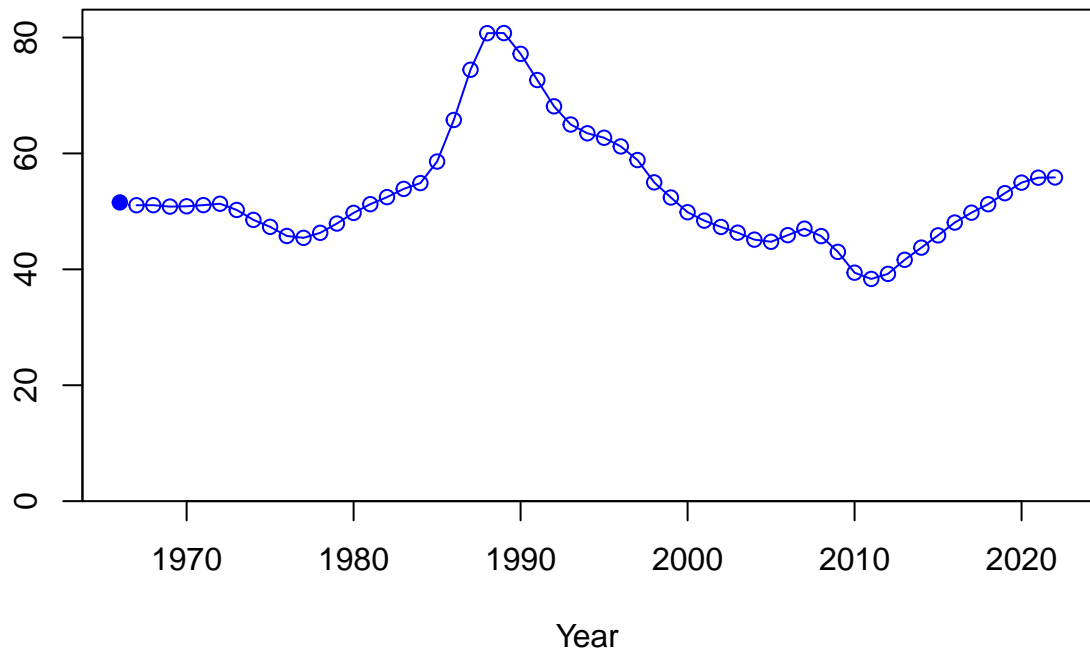


Relative spawning biomass: B/B_{MSY}

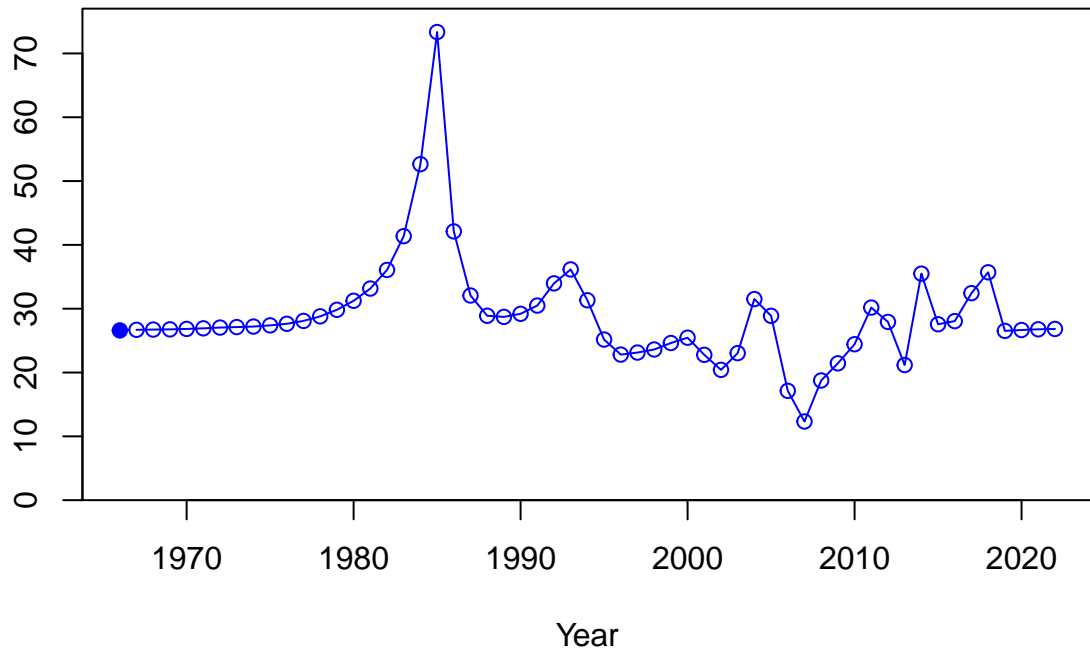




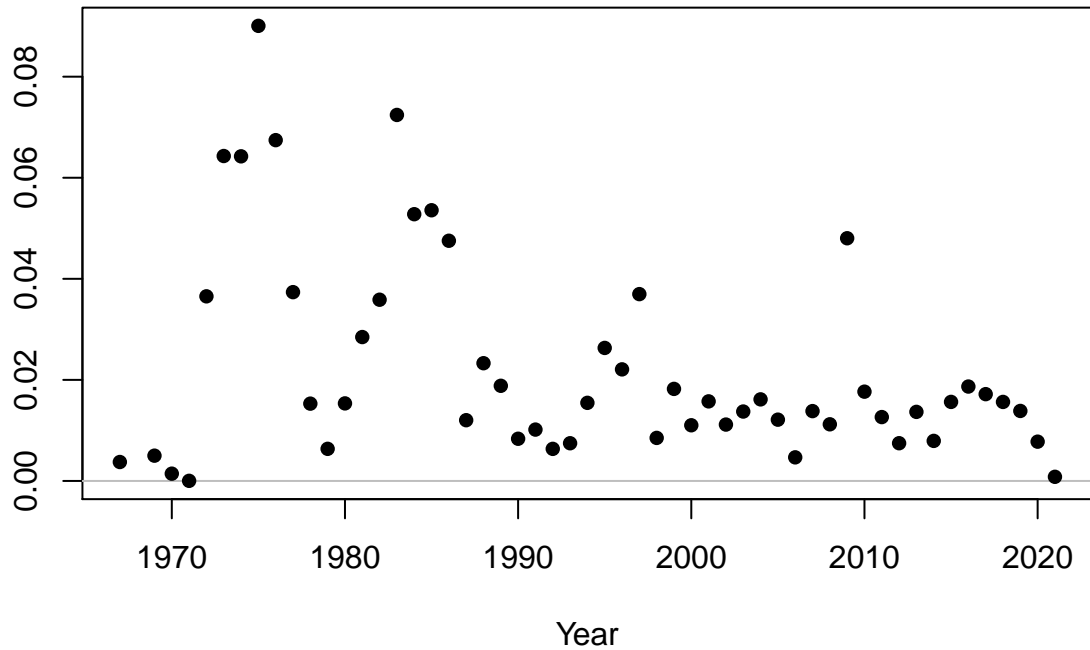
Summary biomass (mt)



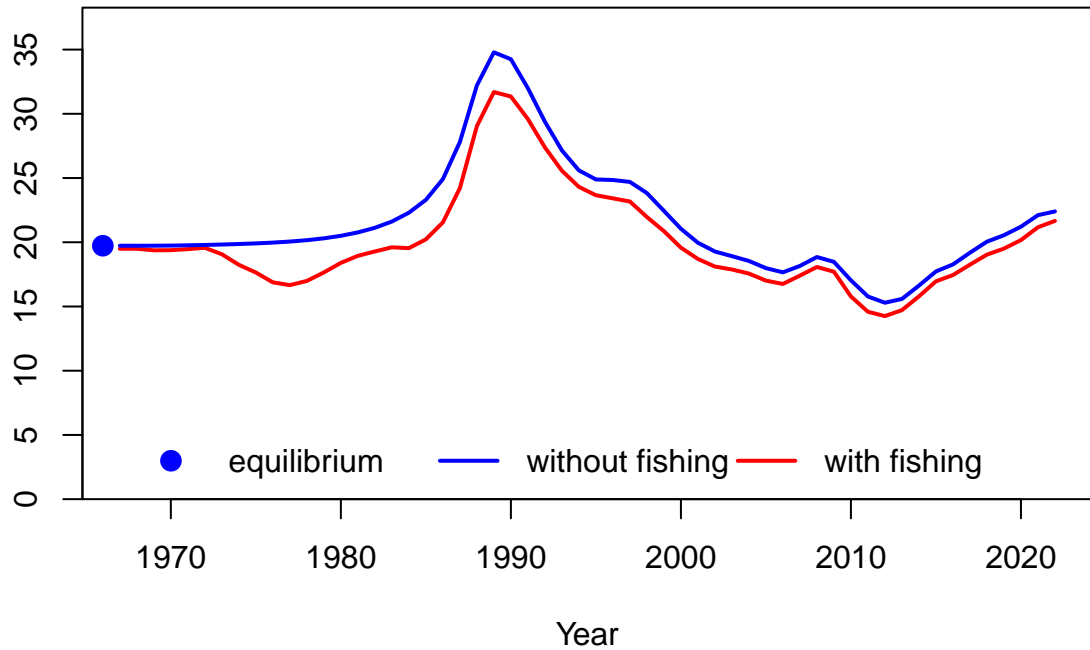
Age-0 recruits (1,000s)



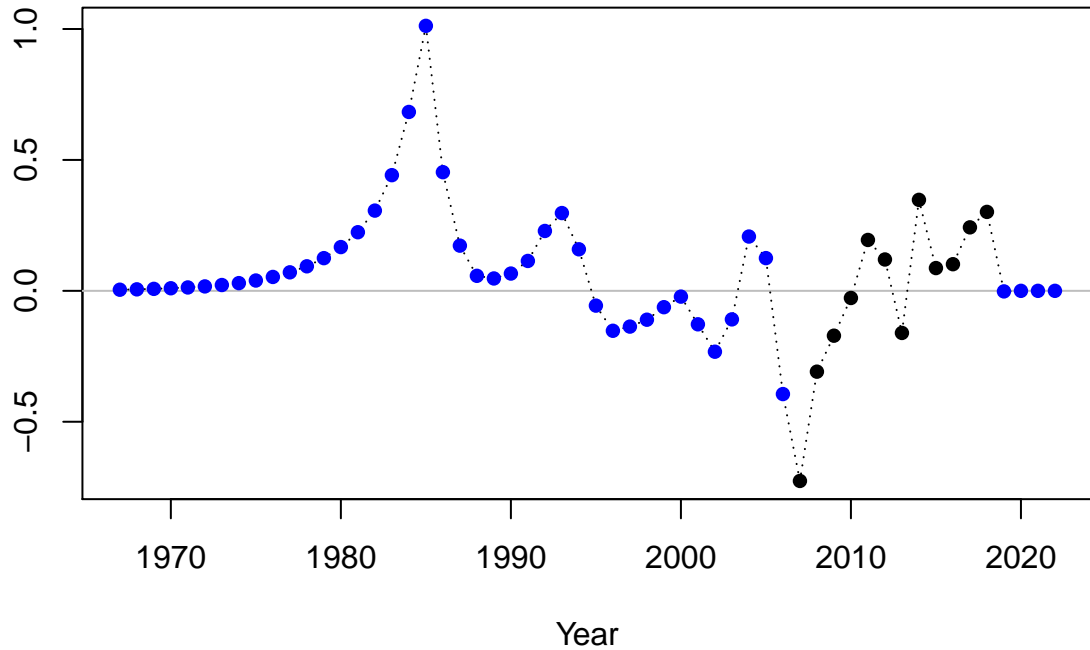
Summary Fishing Mortality



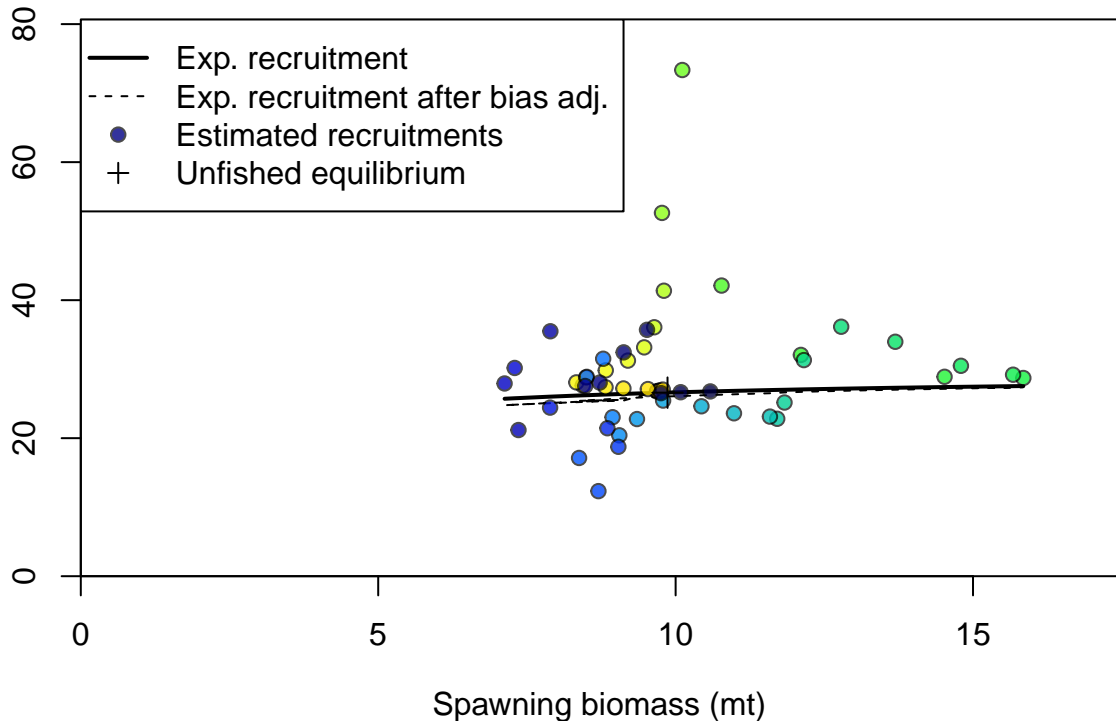
Spawning biomass (mt)



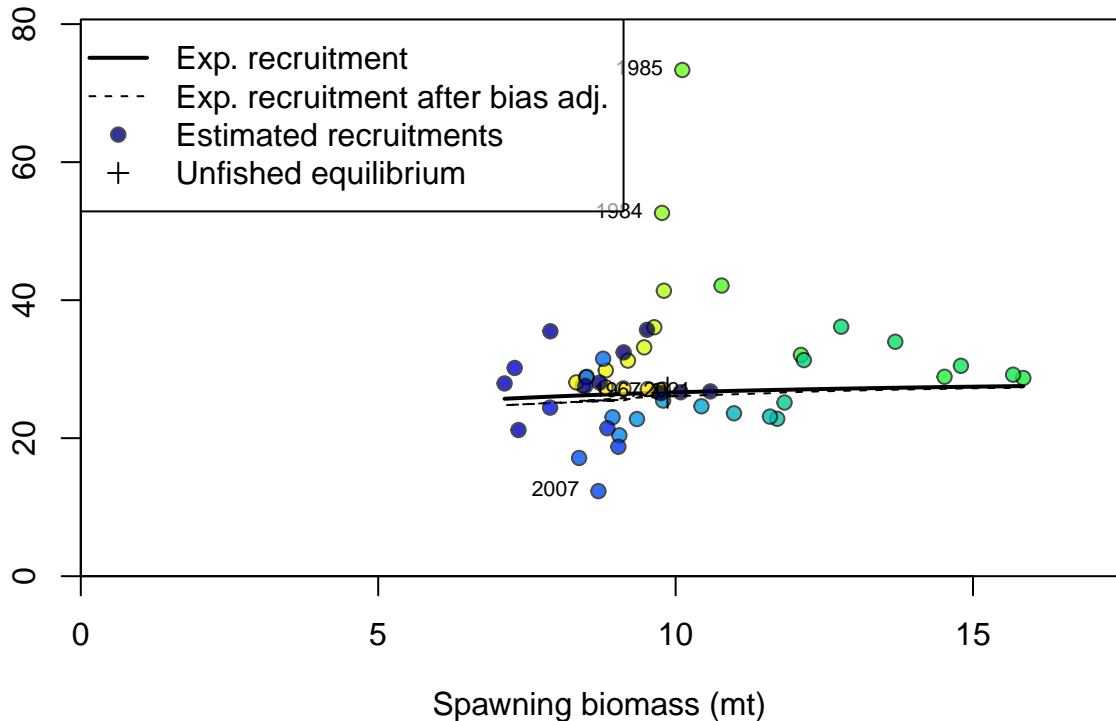
Log recruitment deviation



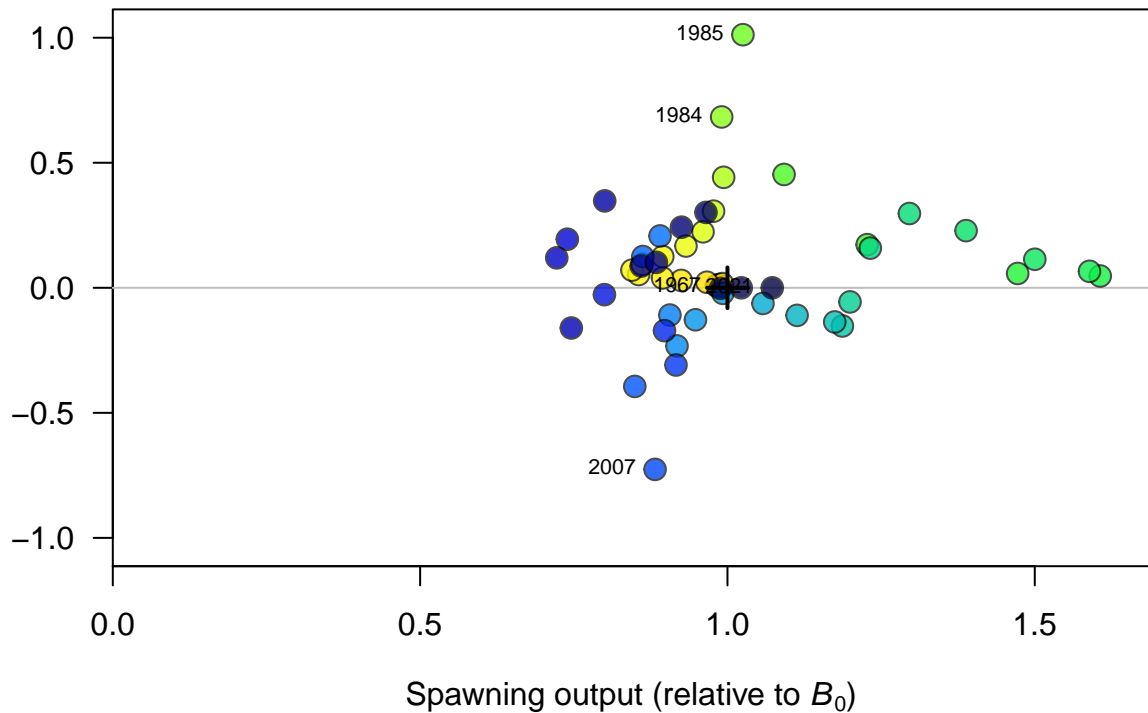
Recruitment (1,000s)

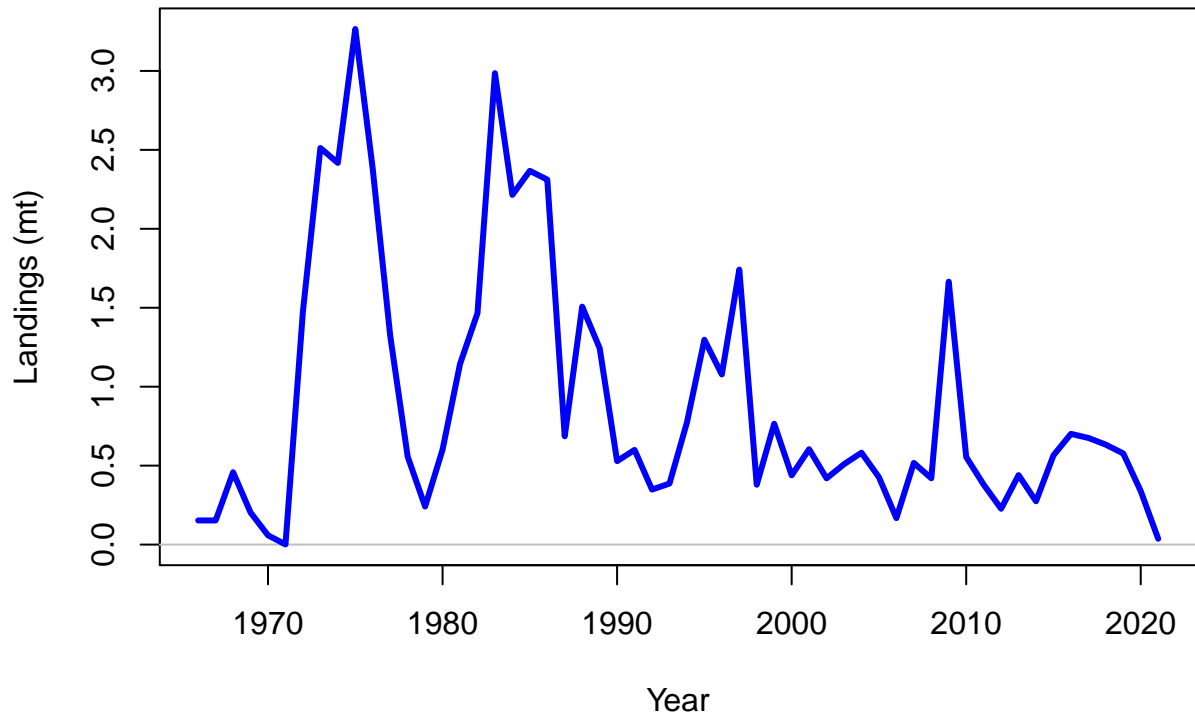


Recruitment (1,000s)

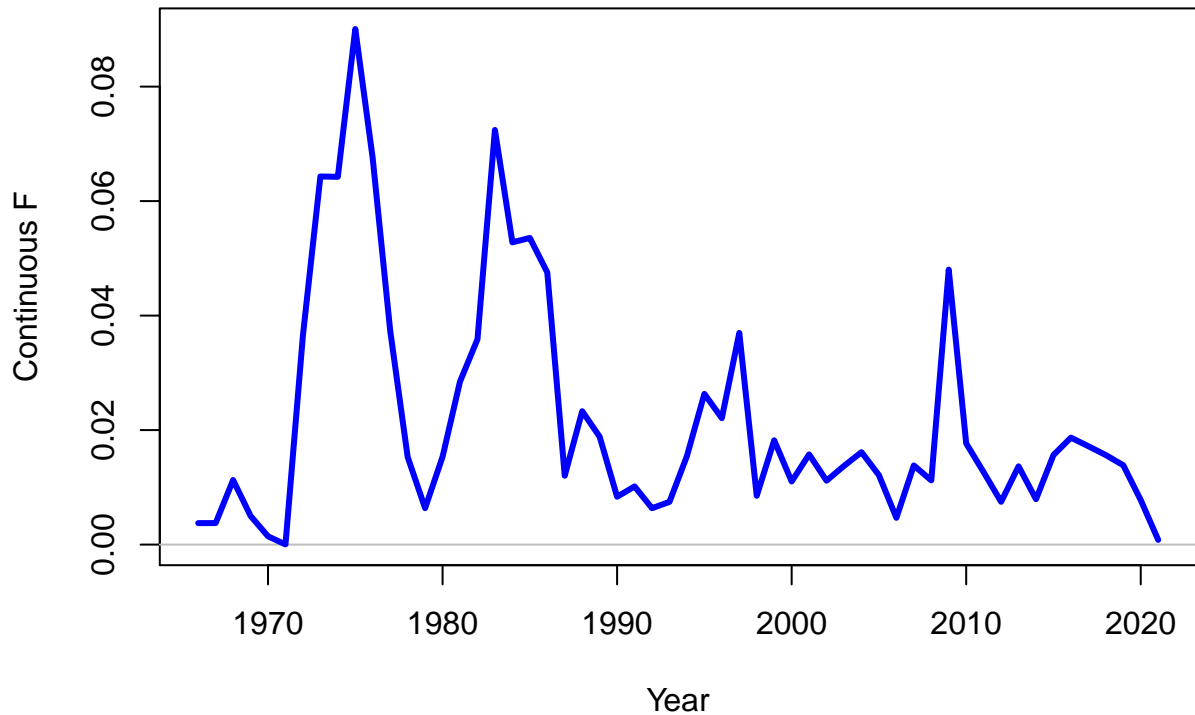


Log recruitment deviation

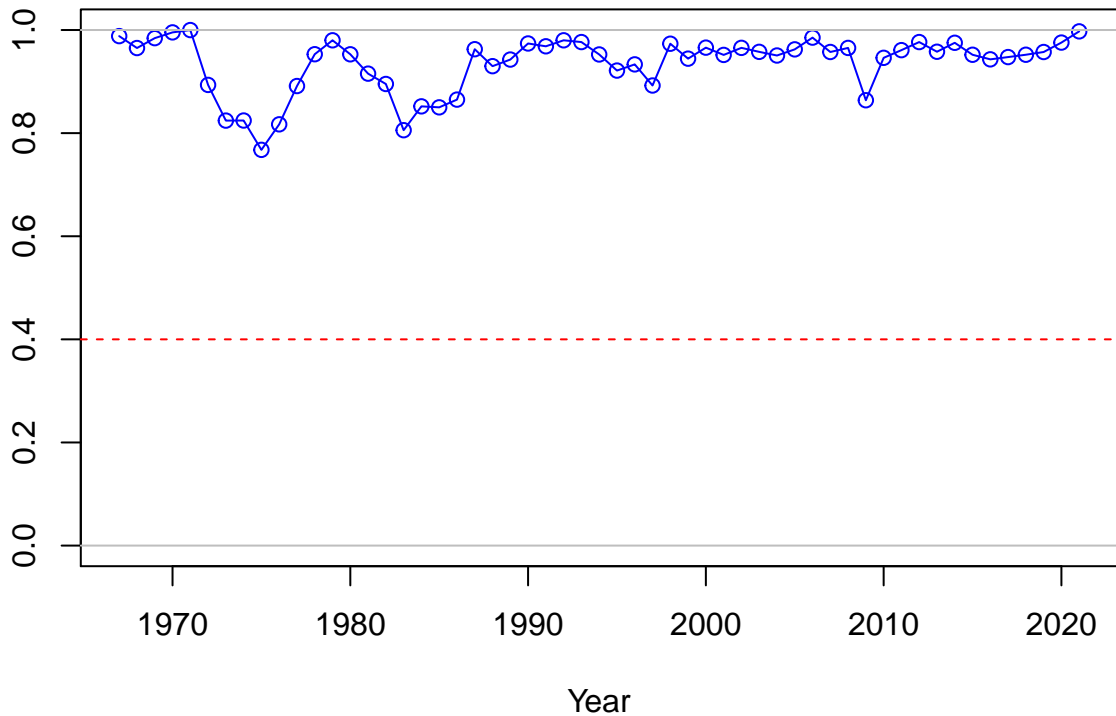




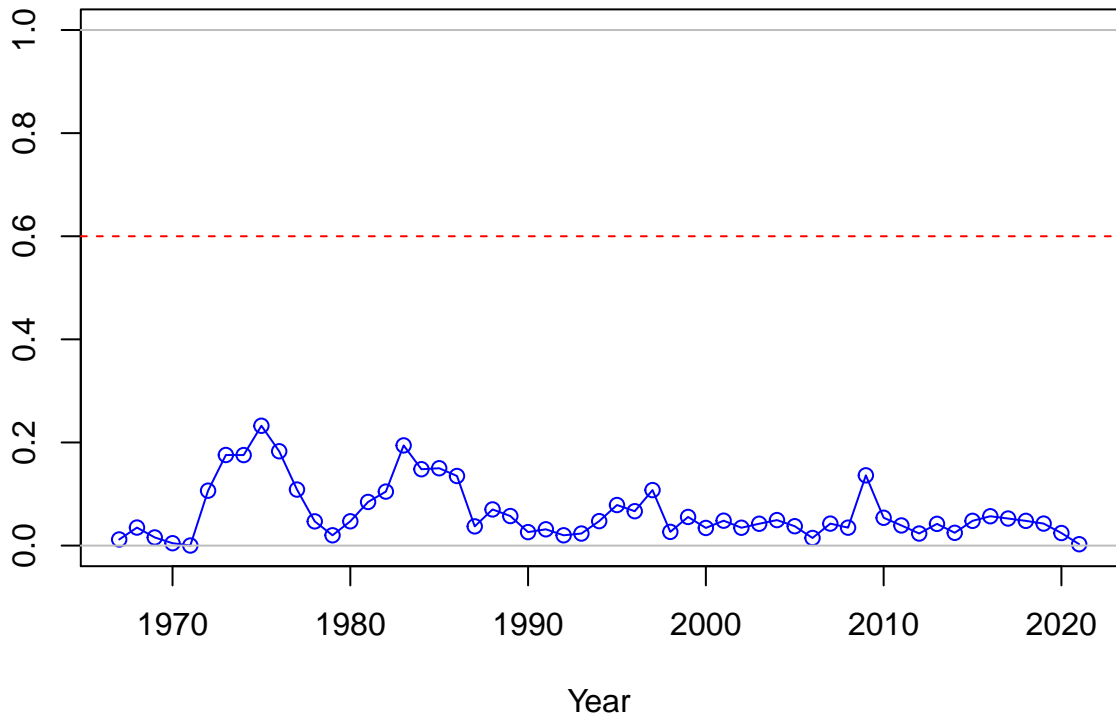




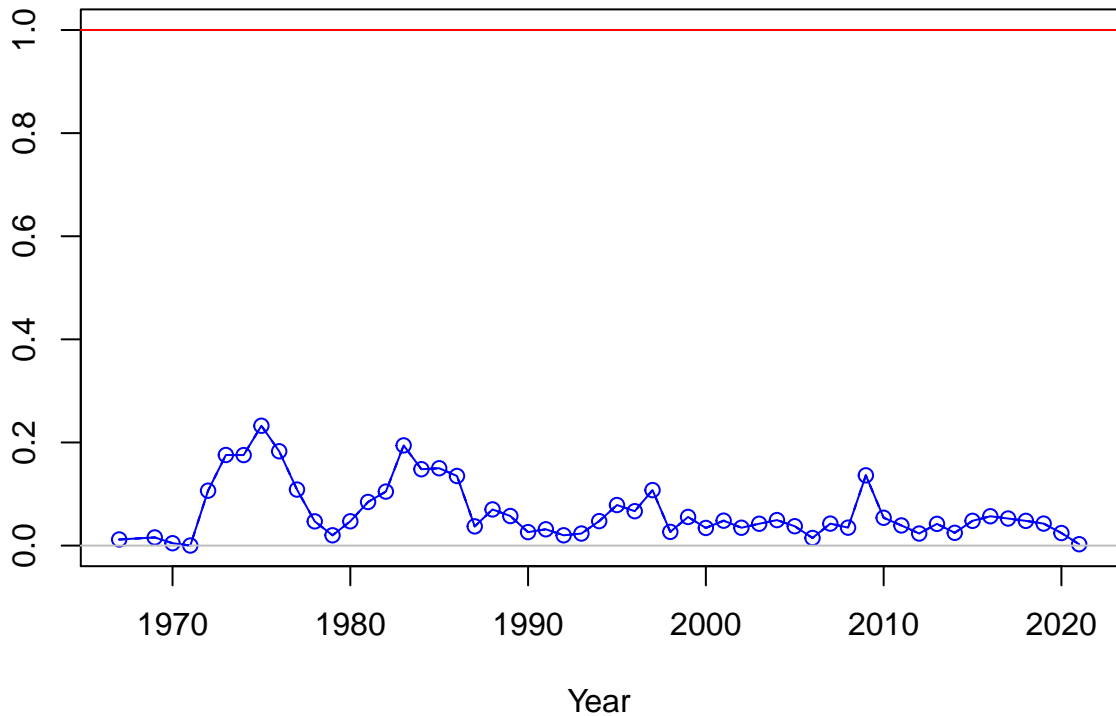
SPR



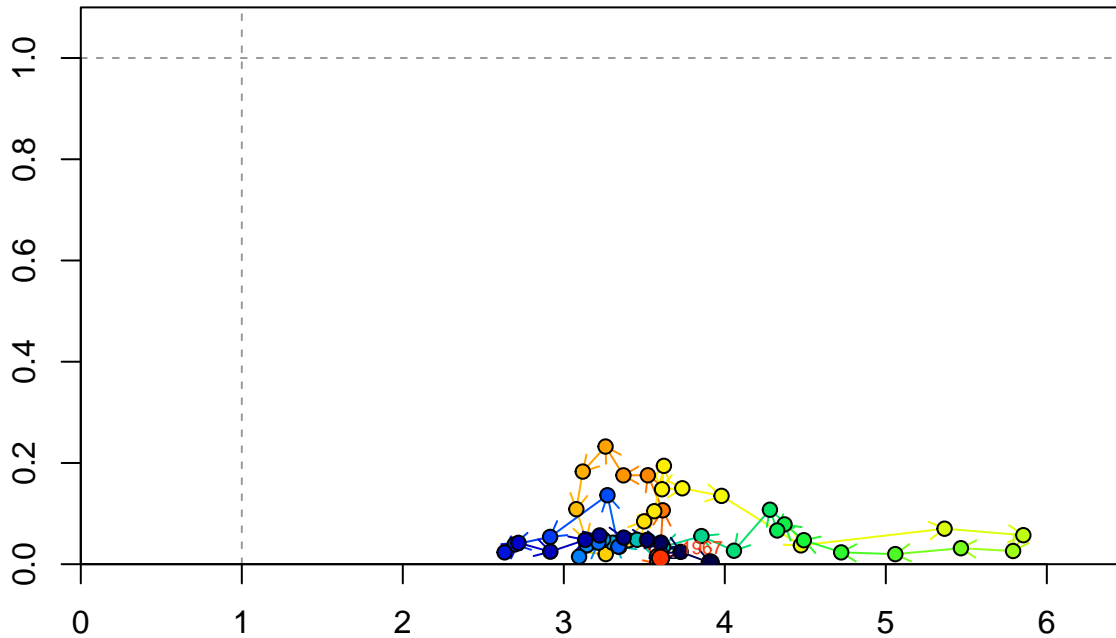
1-SPR



Fishing intensity: 1-SPR

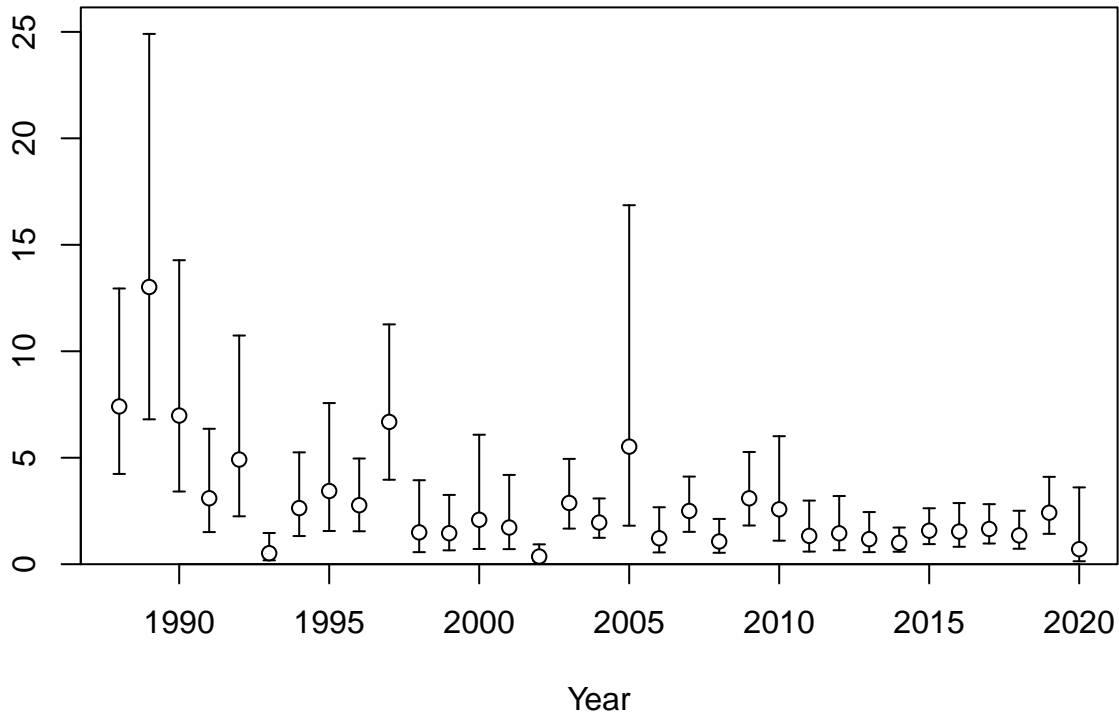


Fishing intensity: 1-SPR

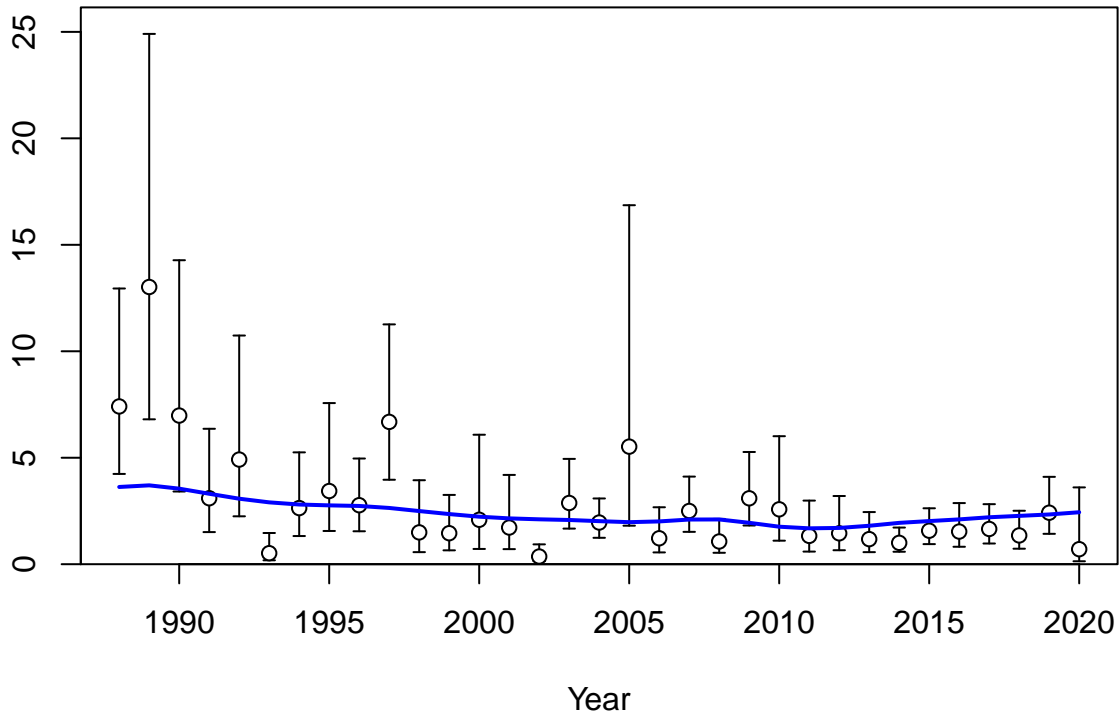


Relative spawning output: B/B_{MSY}

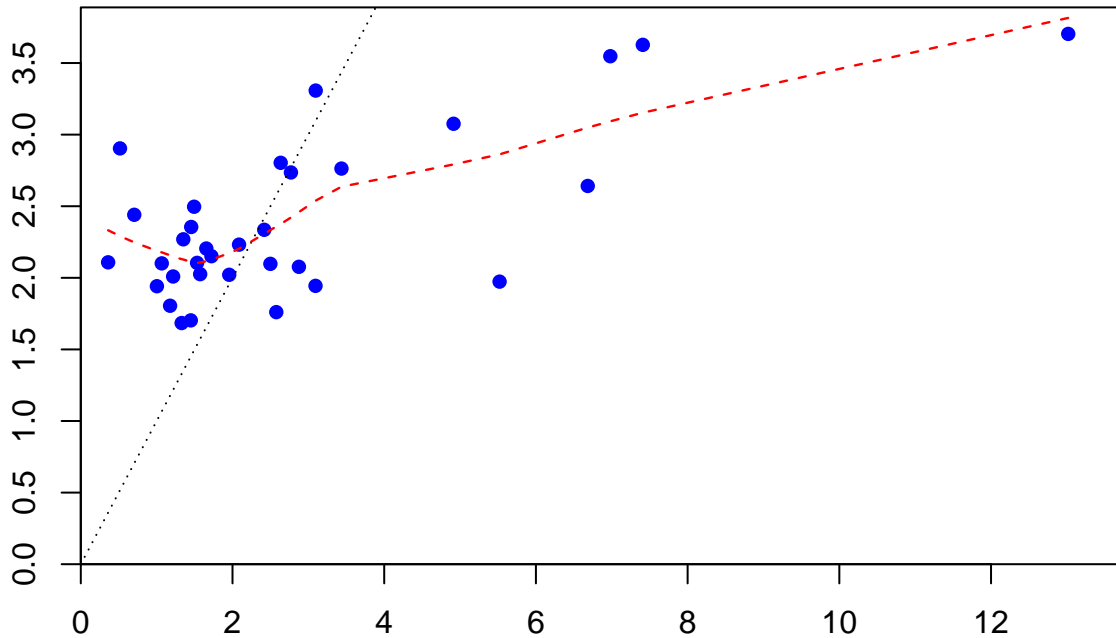
Index



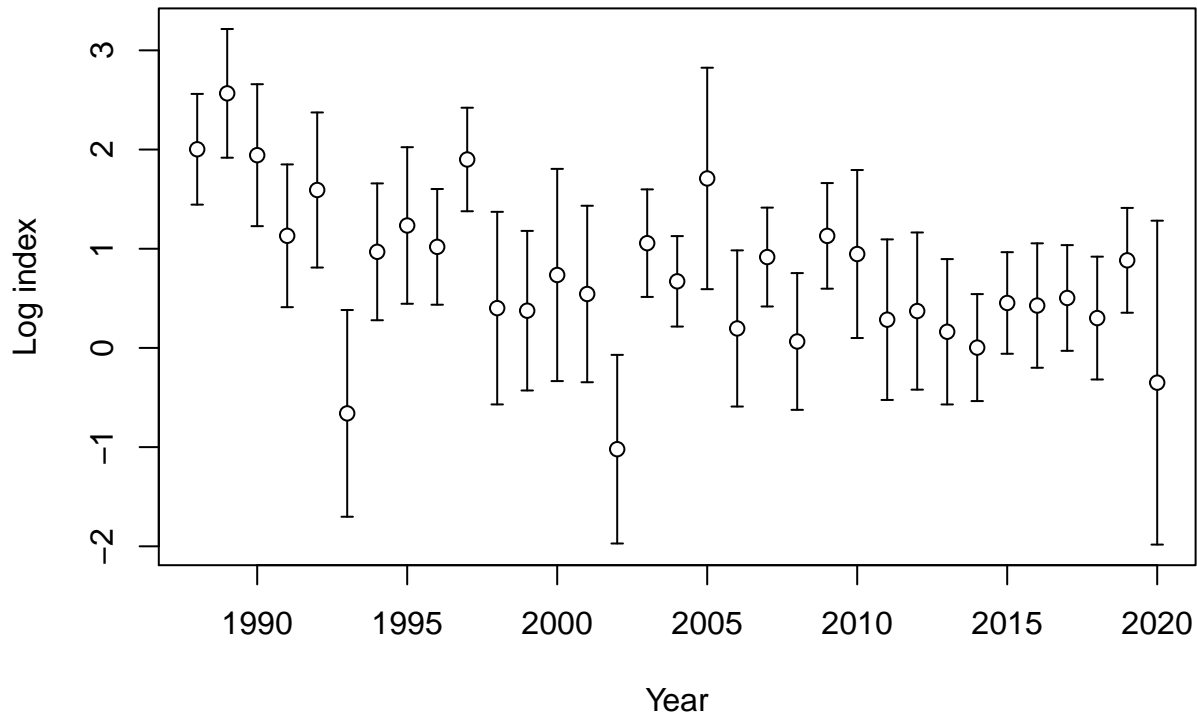
Index

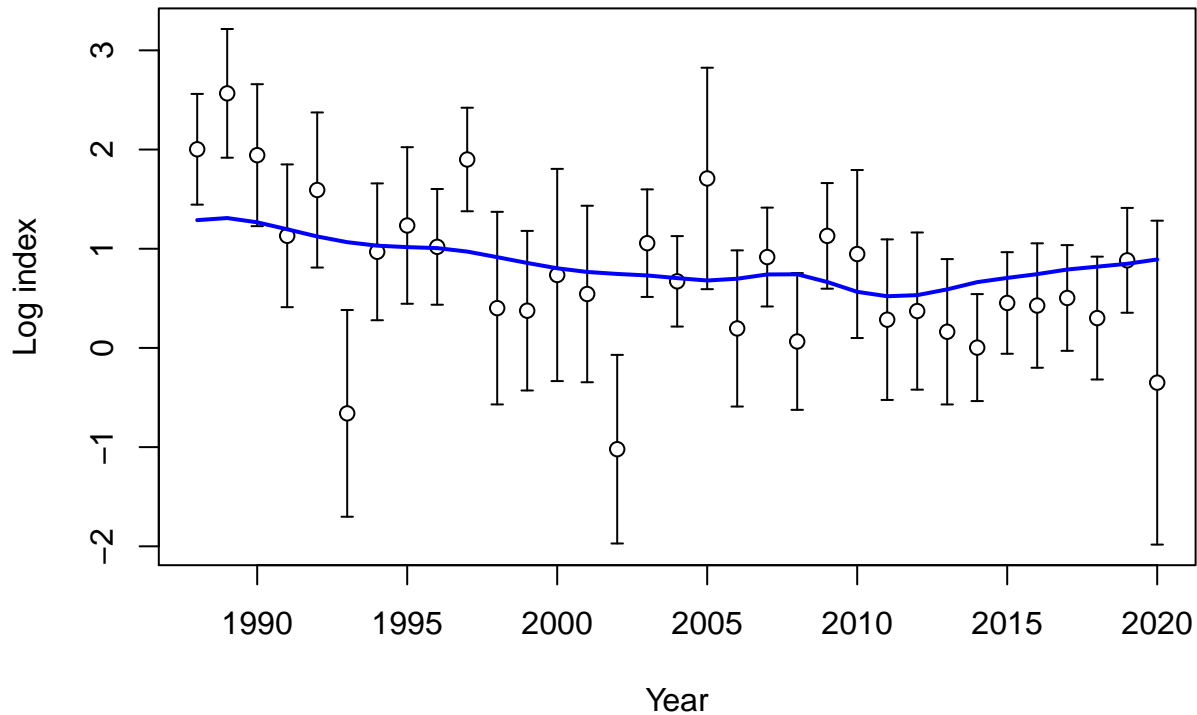


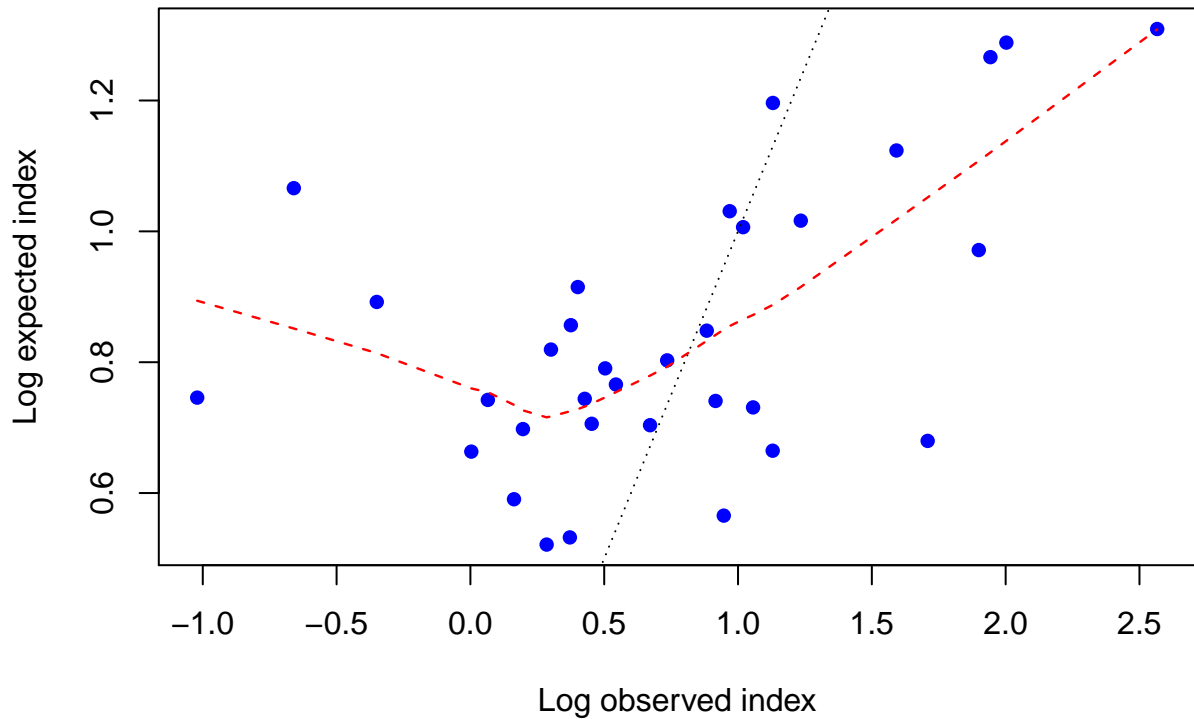
Expected index

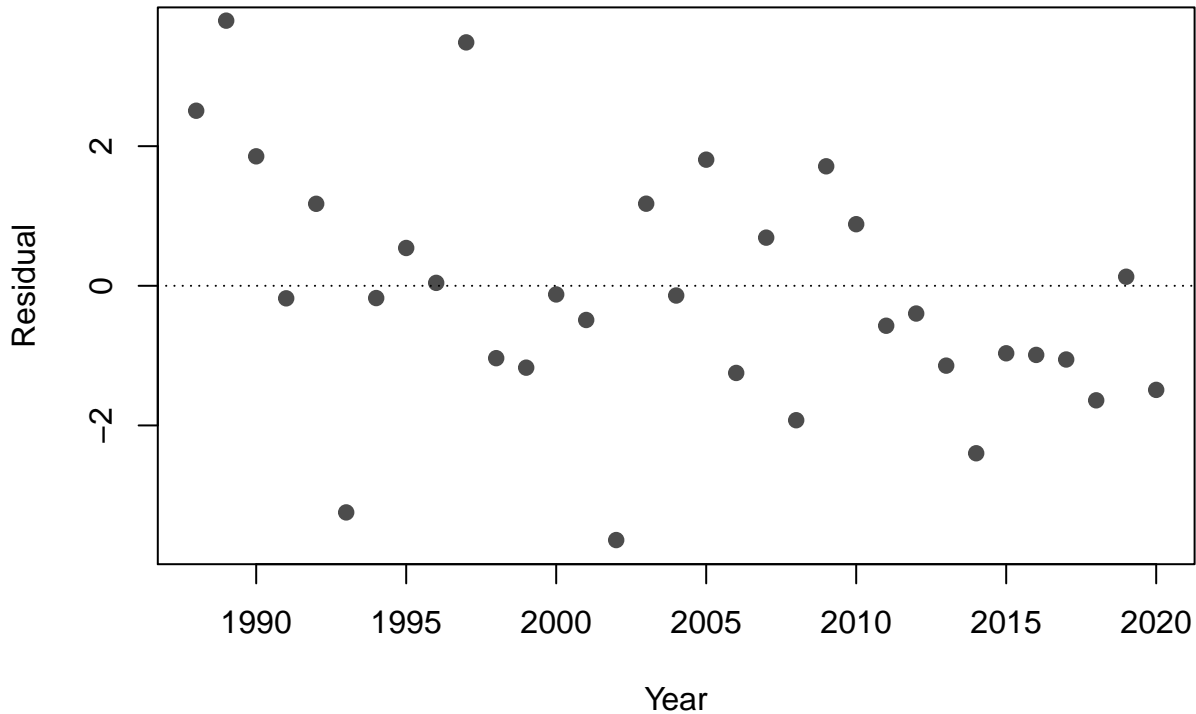


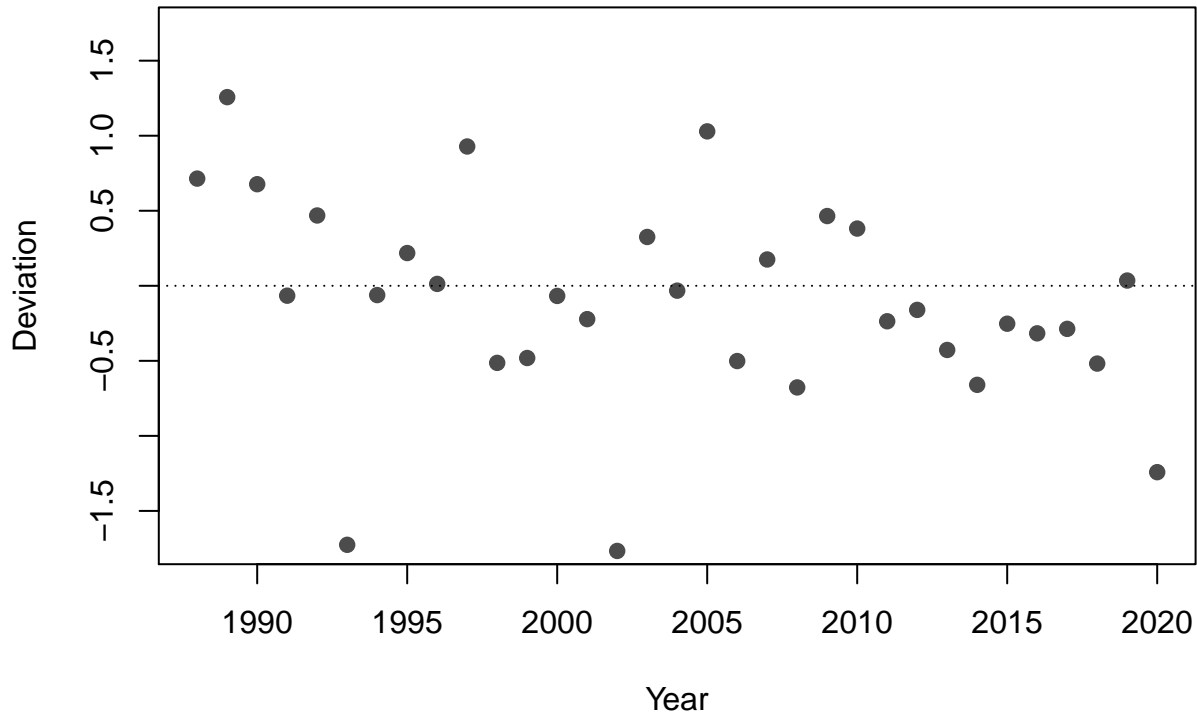
Observed index



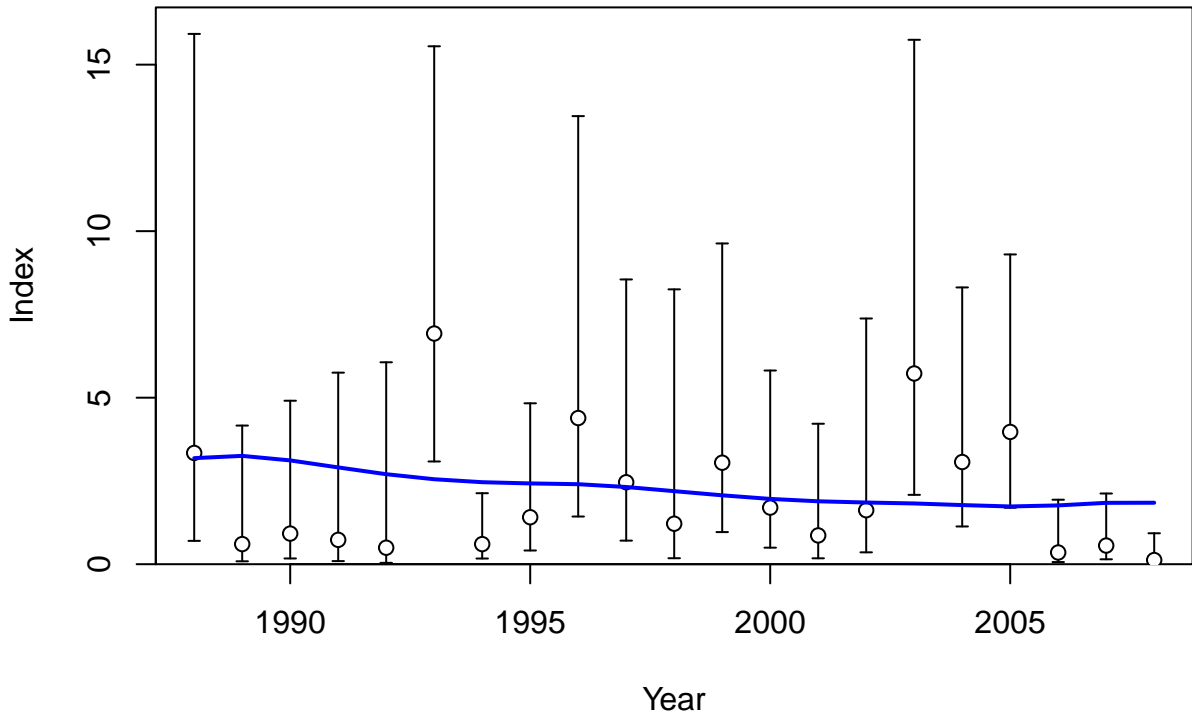


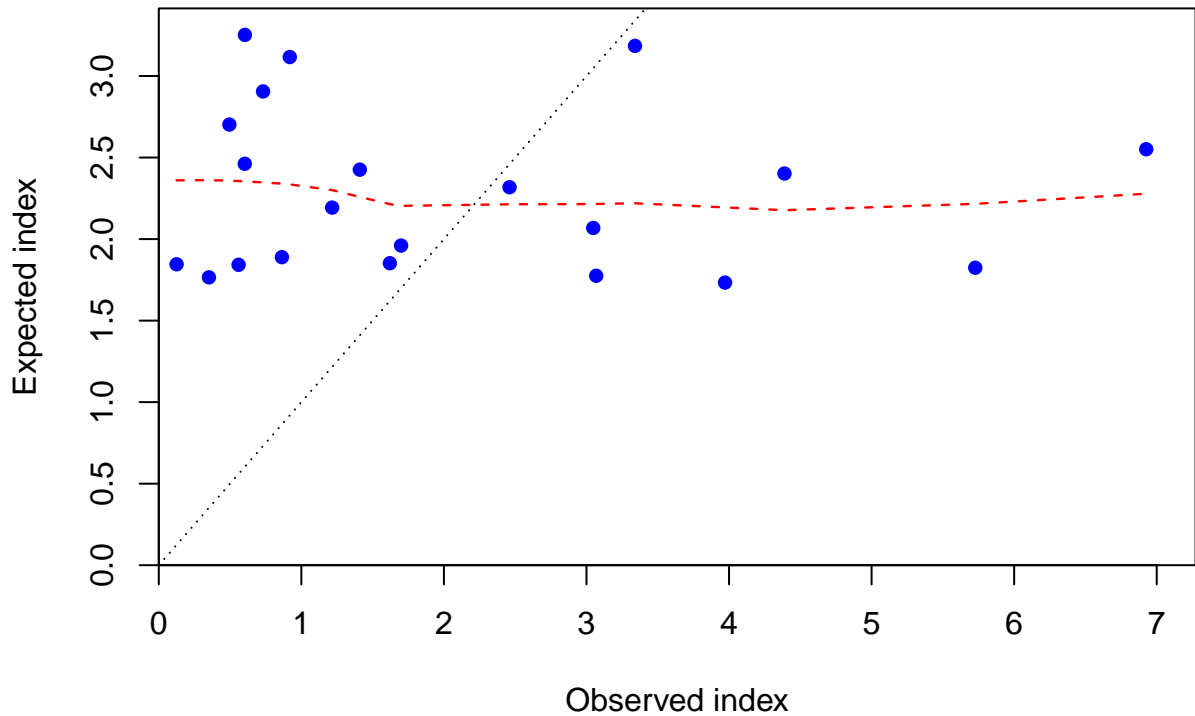




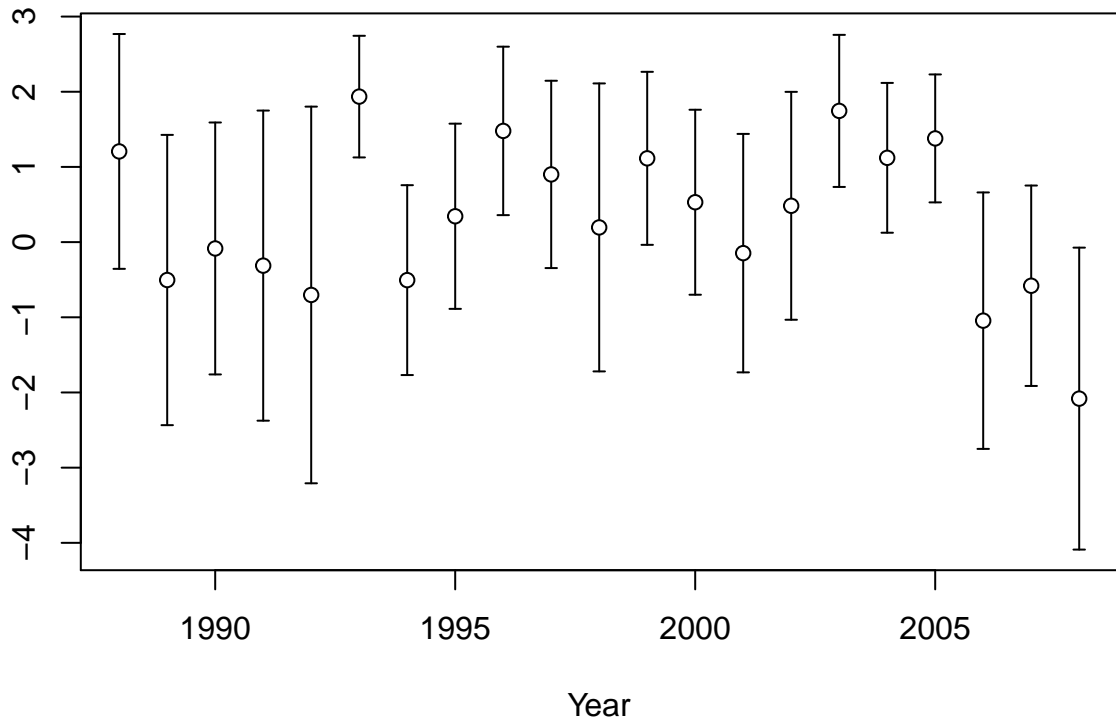




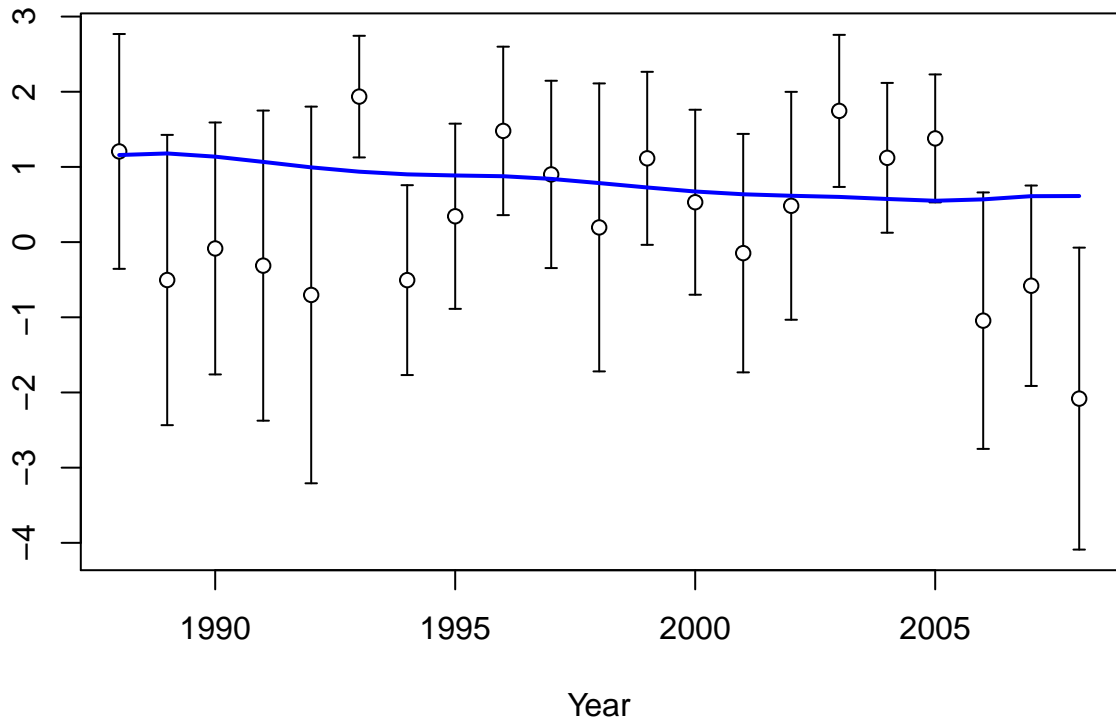


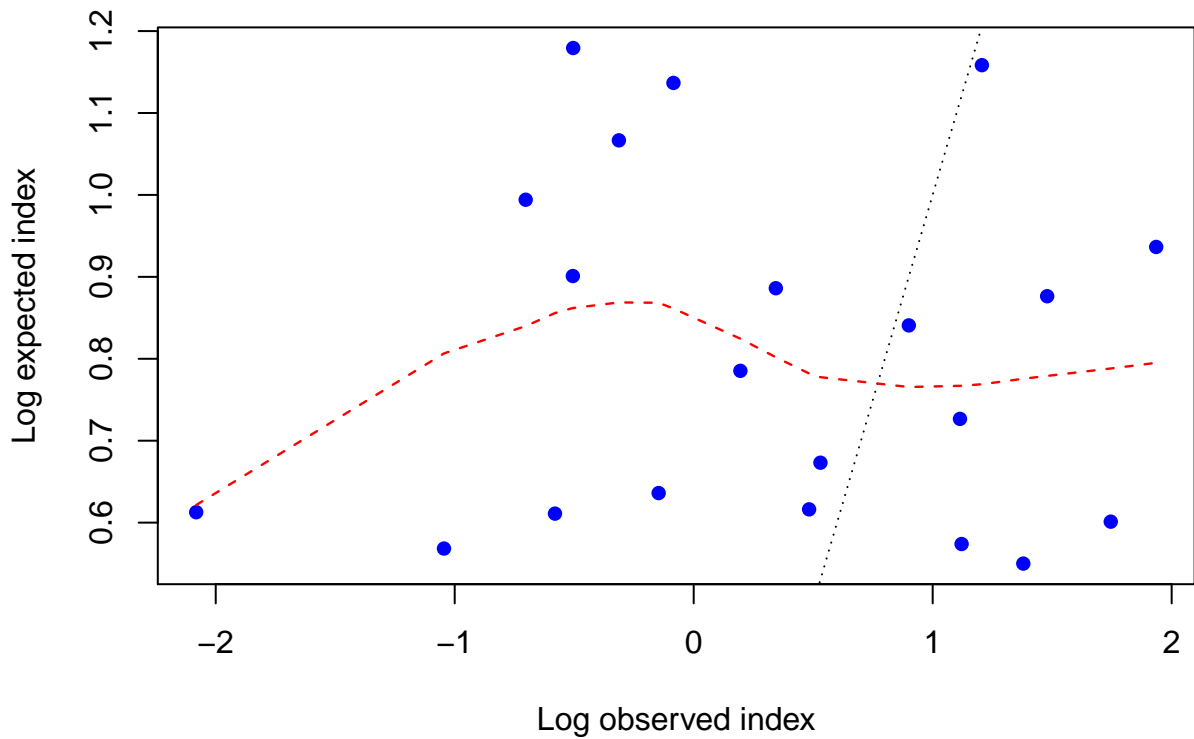


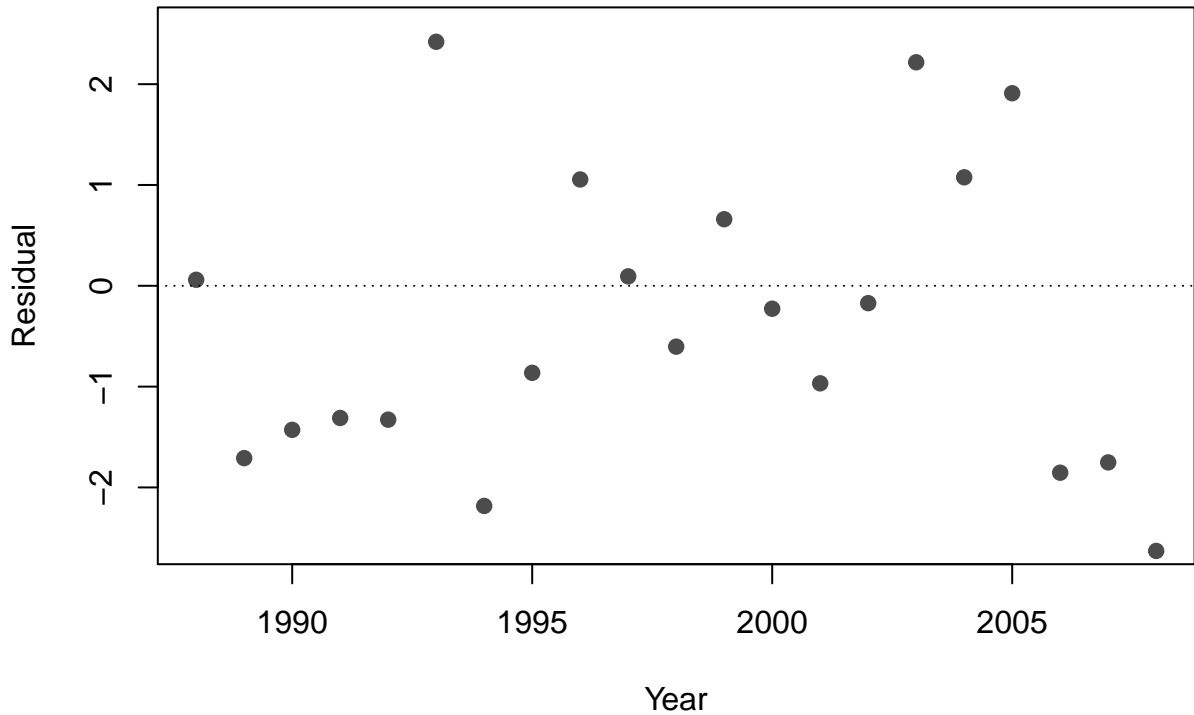
Log index

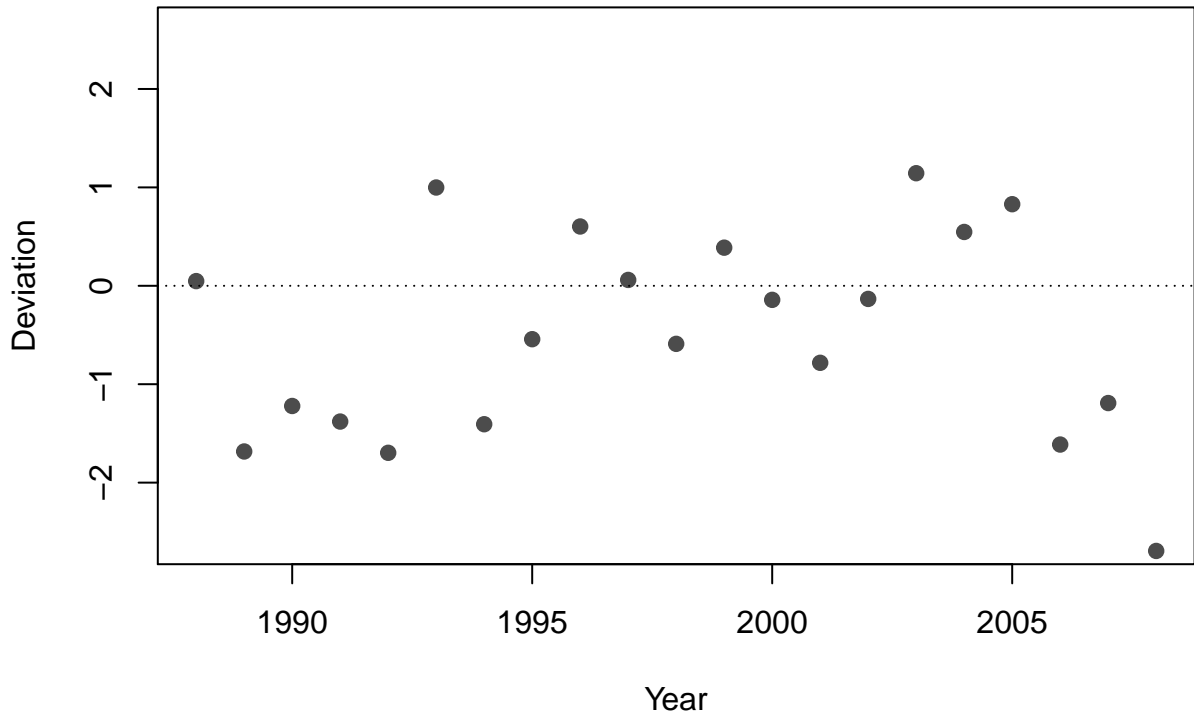


Log index

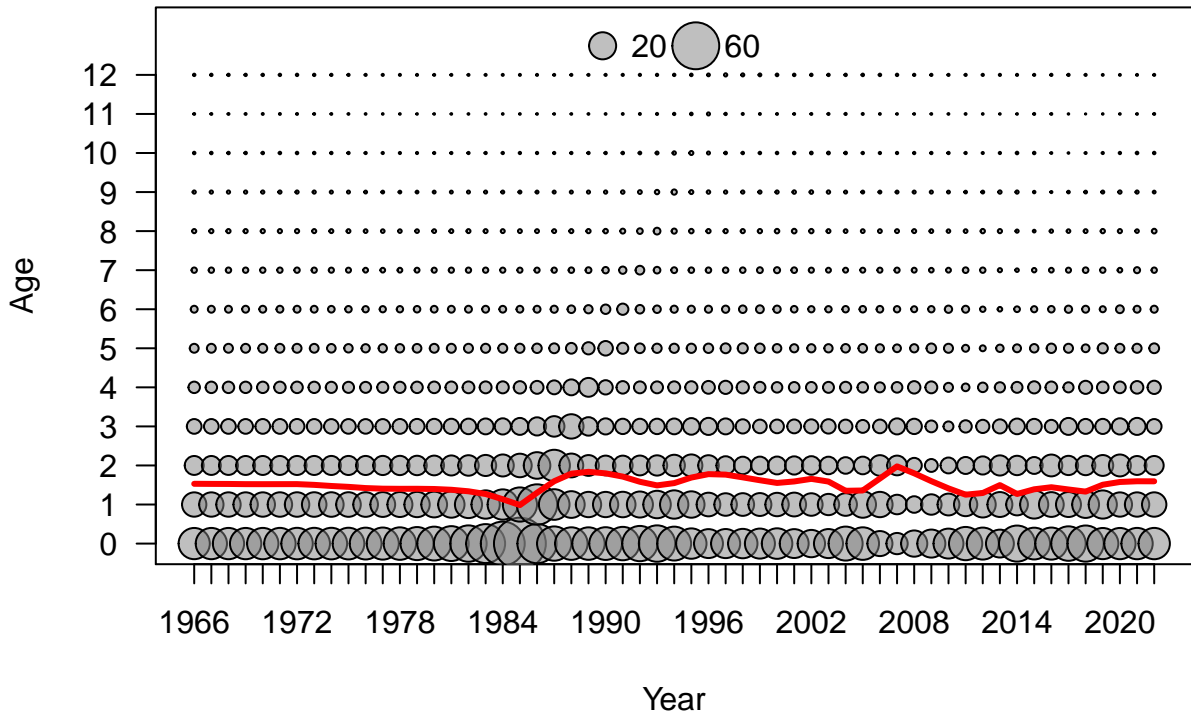




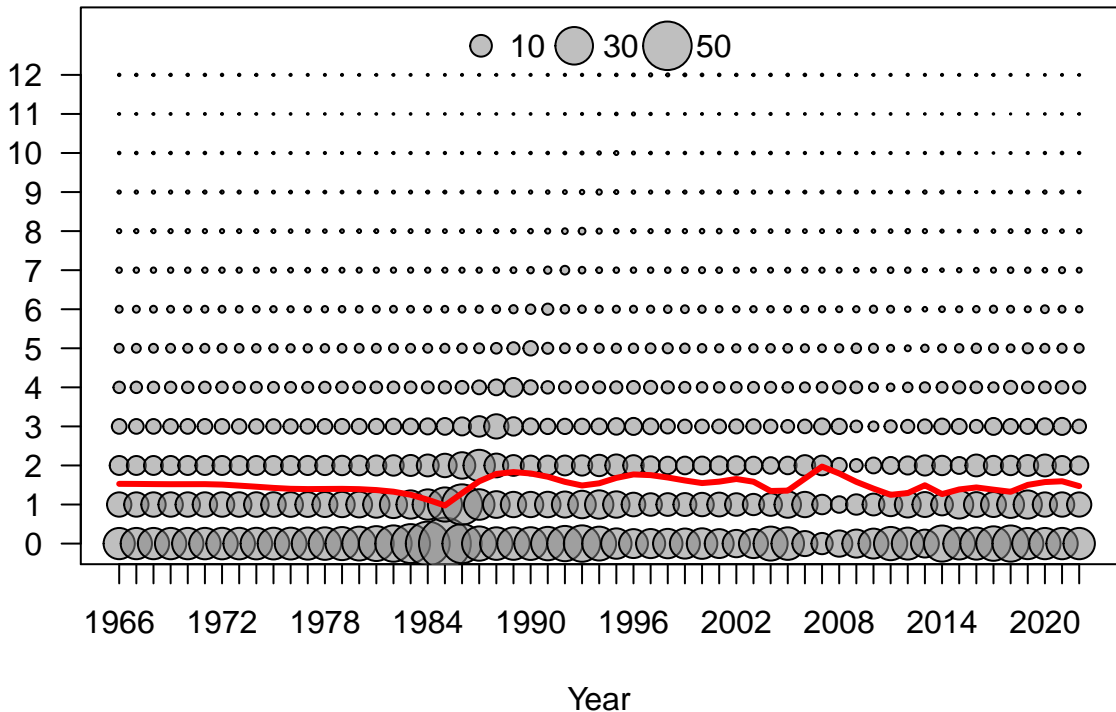


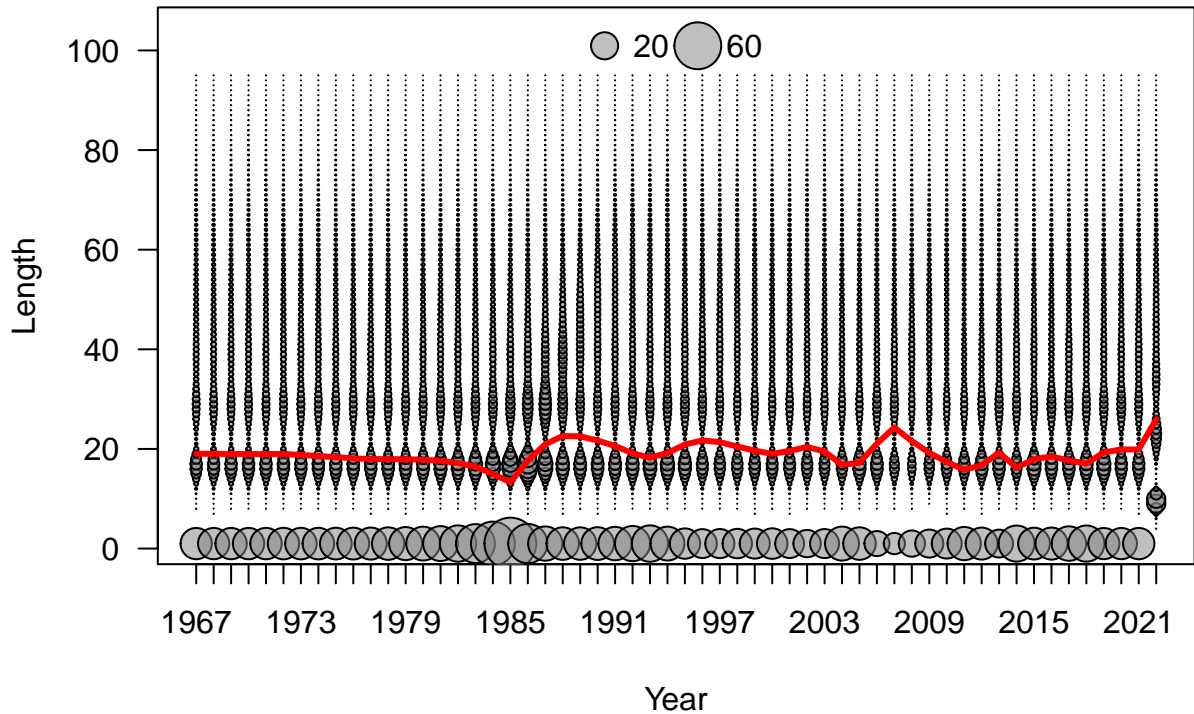


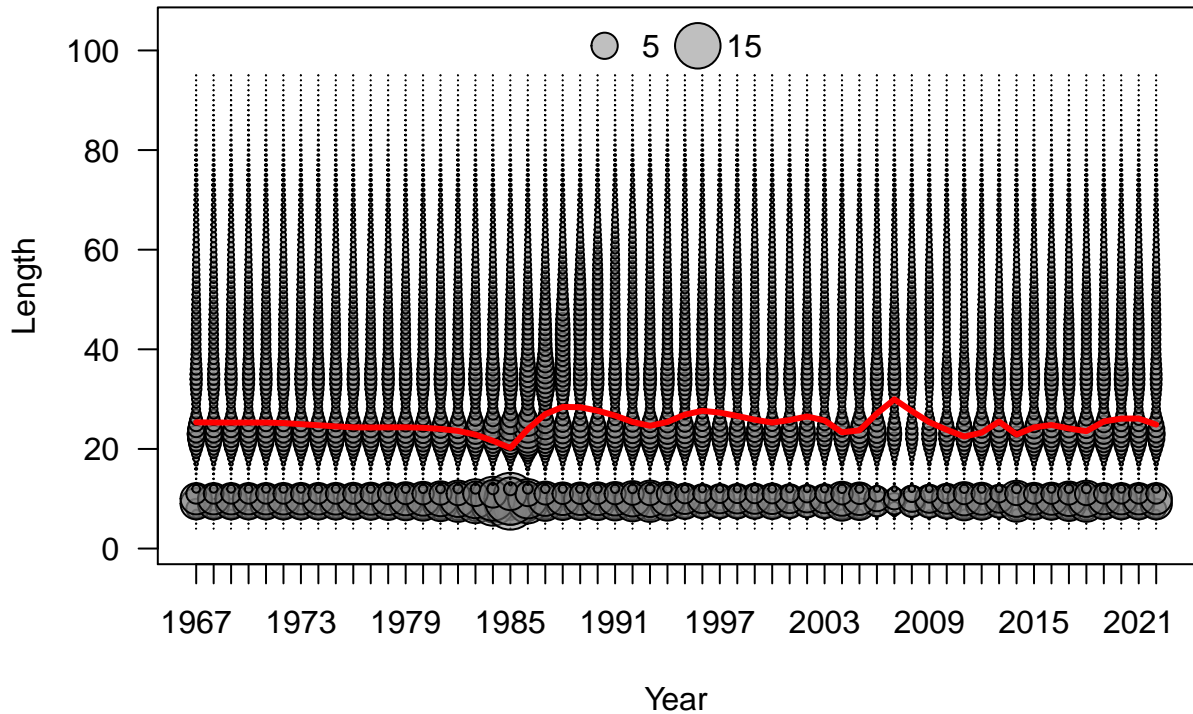


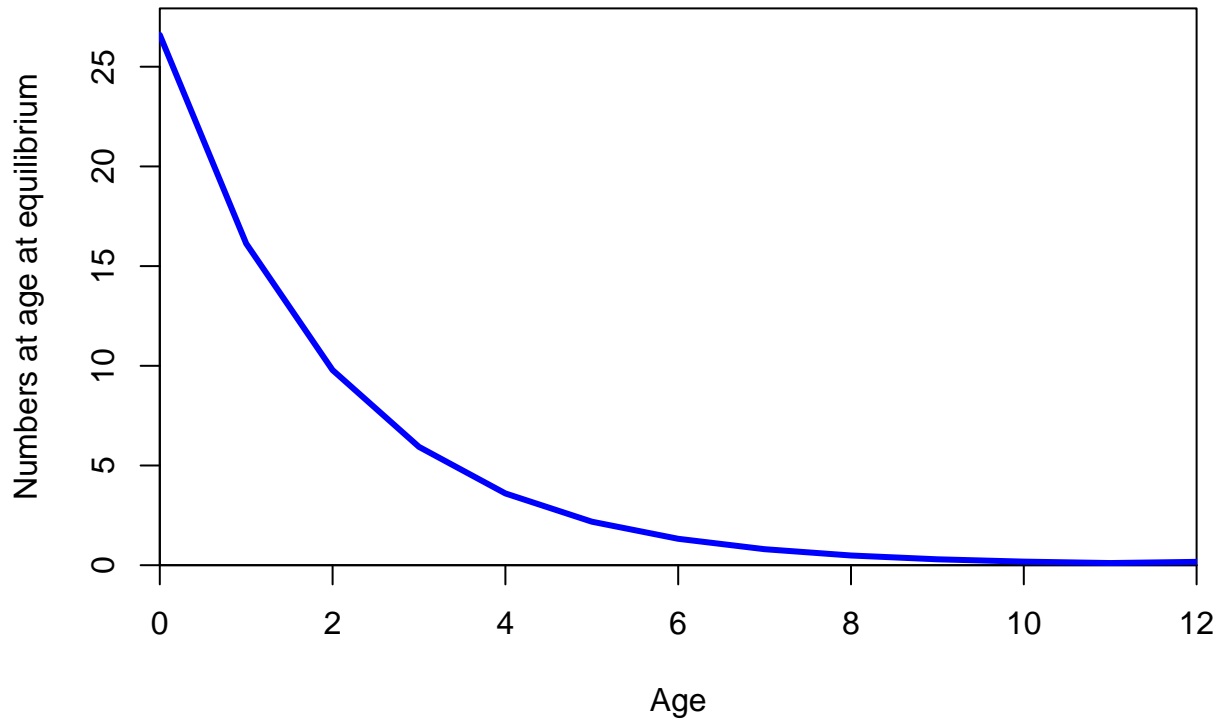


Age



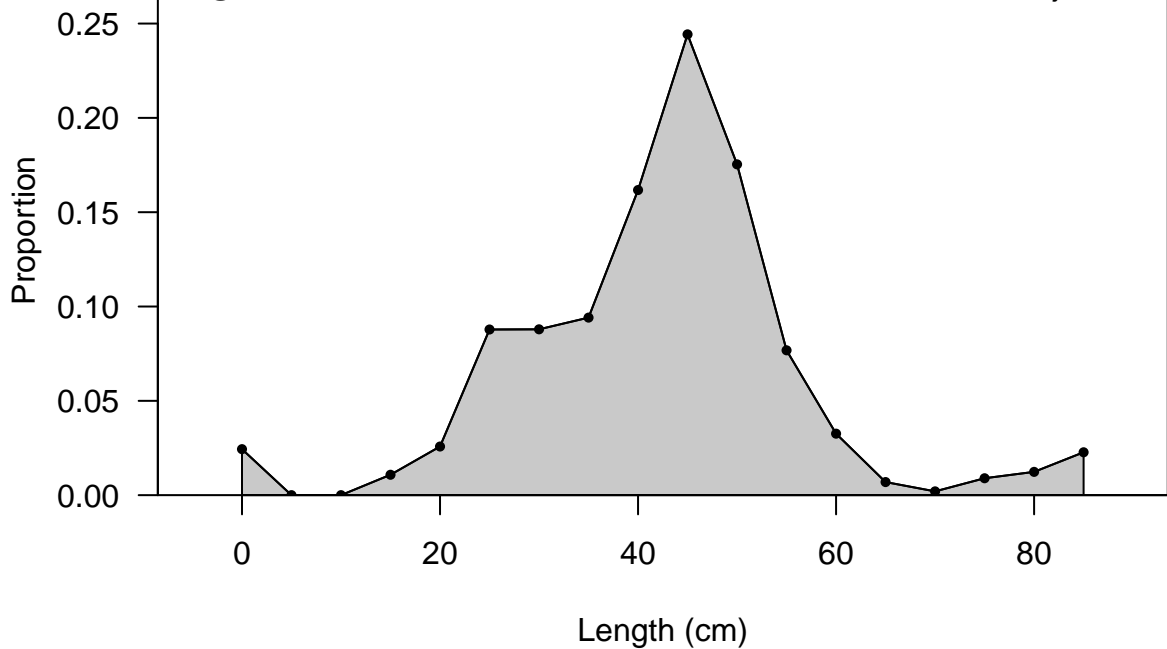


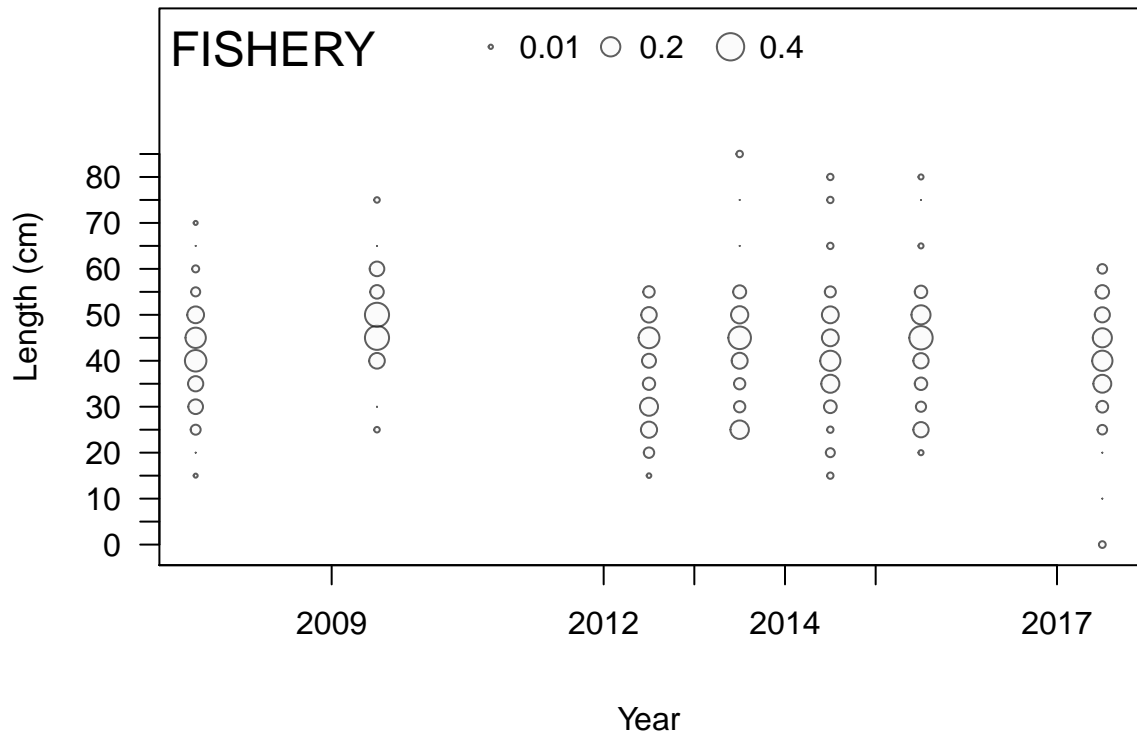




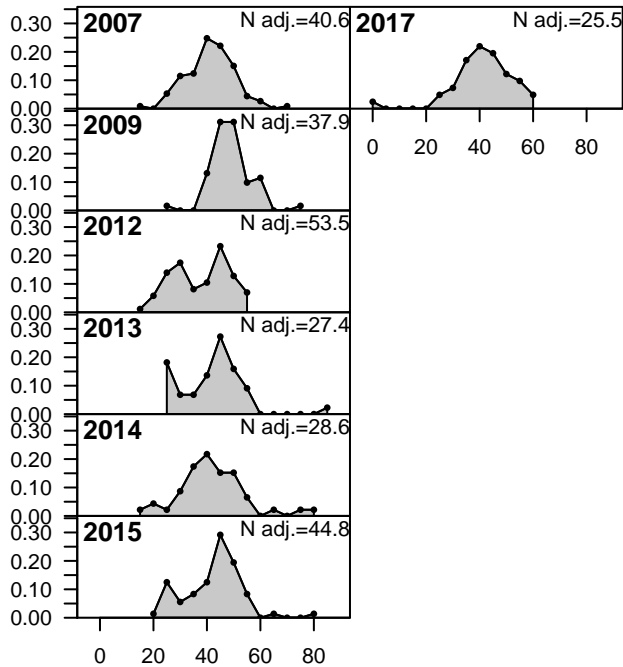
FISHERY

Sum of N adj.=258.1





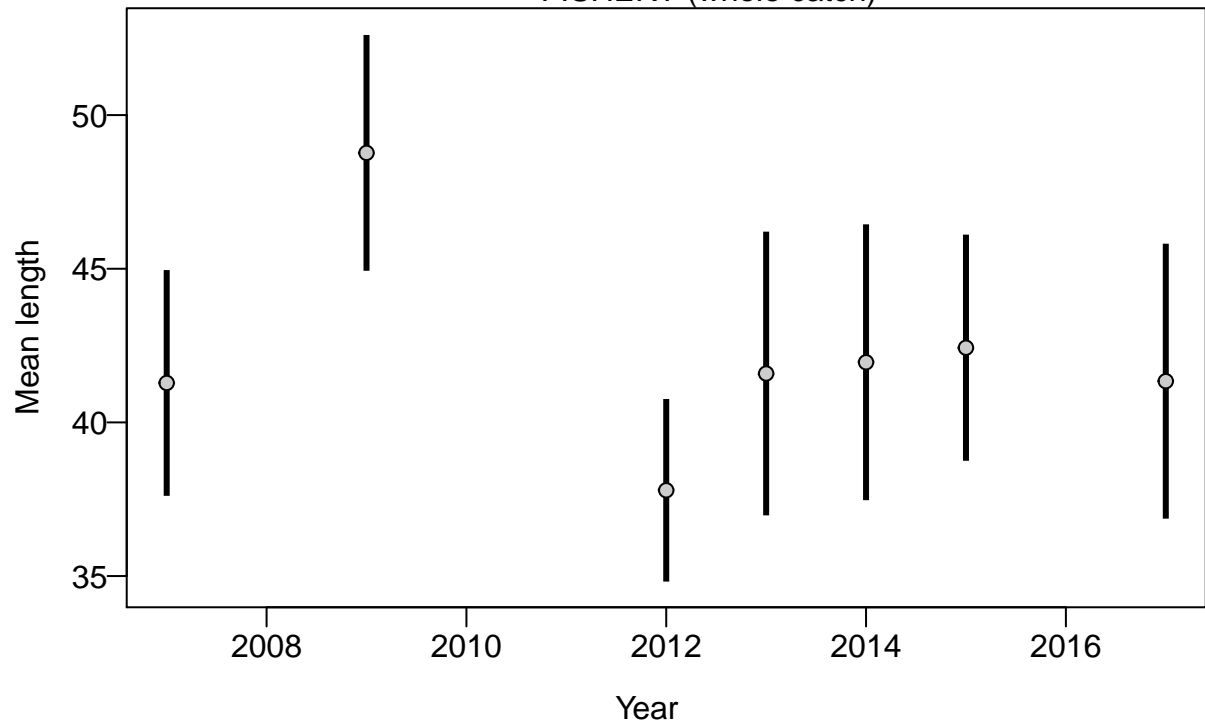
Proportion



Length (cm)

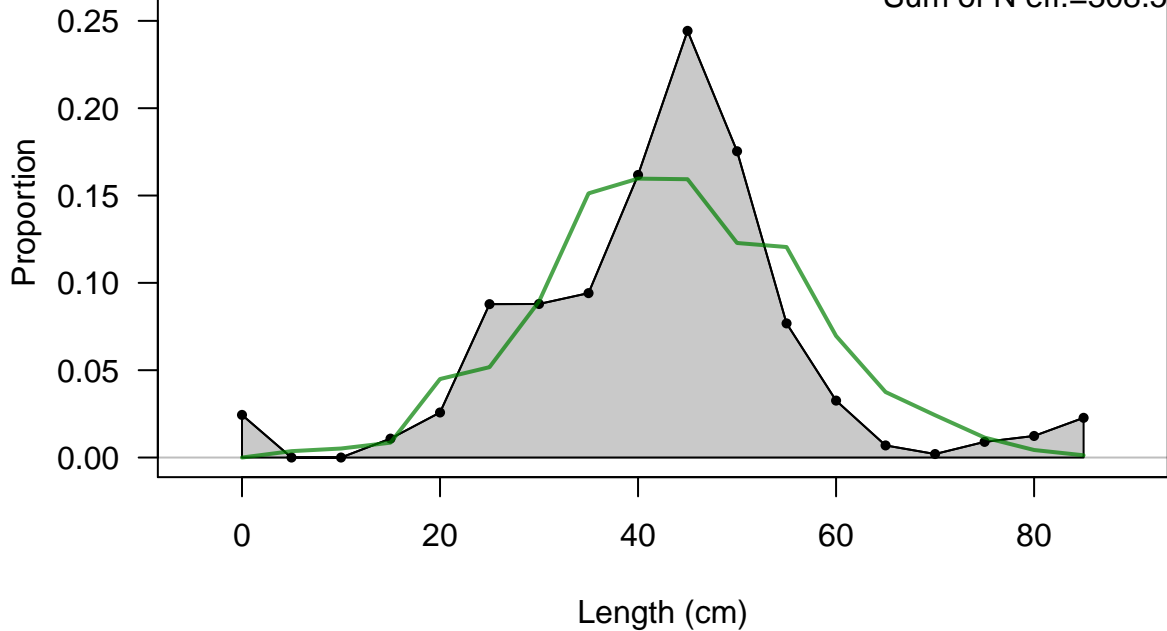


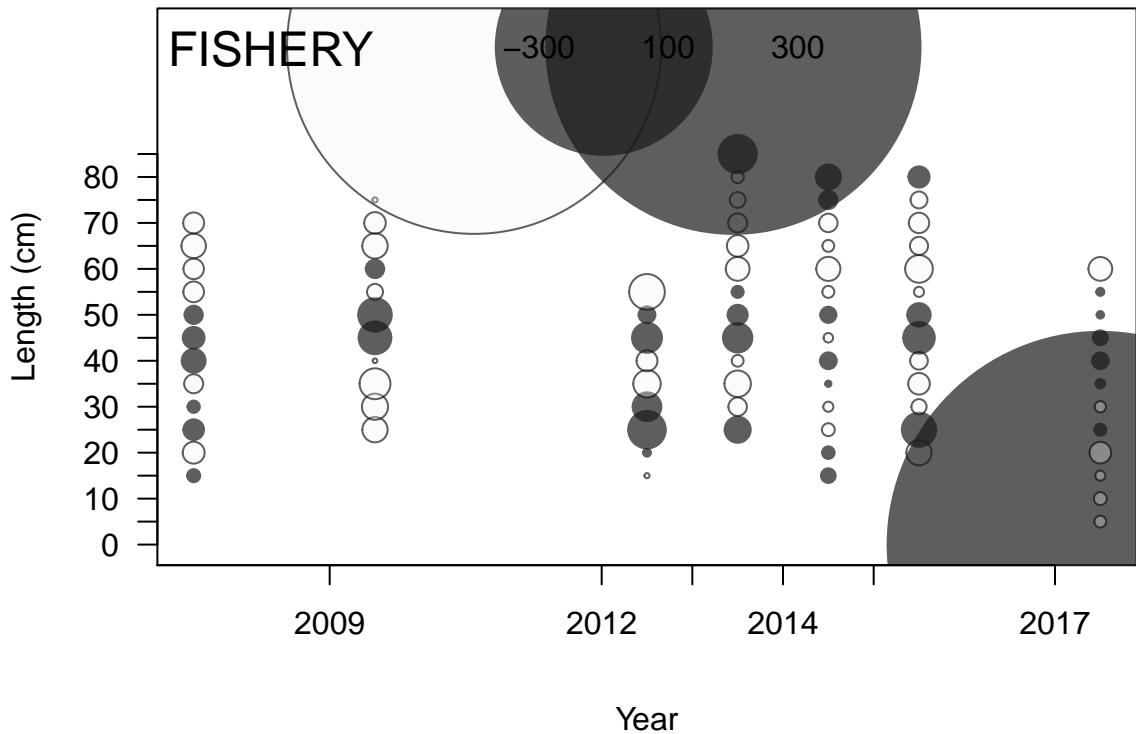
FISHERY (whole catch)



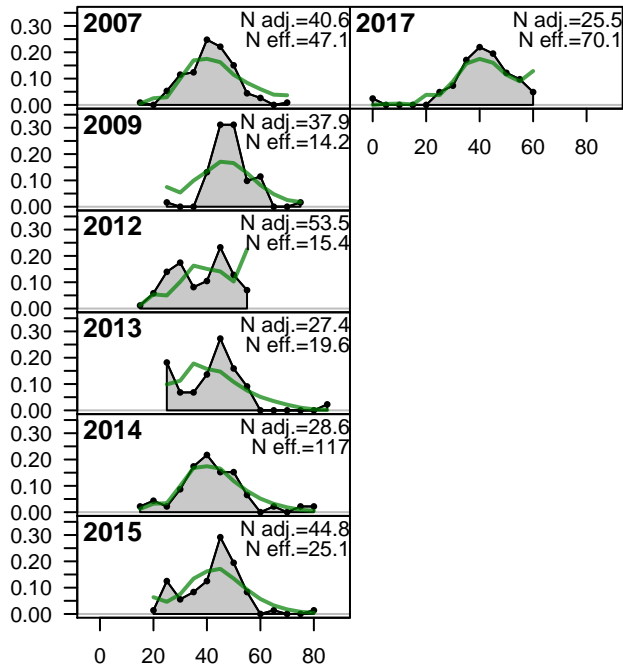
FISHERY

Sum of N adj.=258.1
Sum of N eff.=308.5

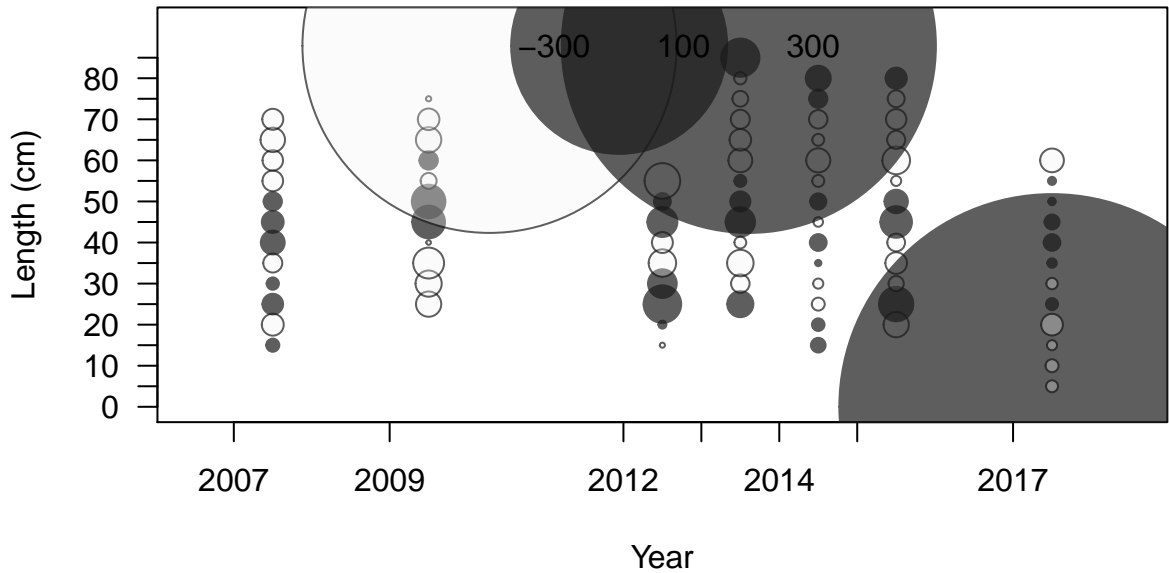




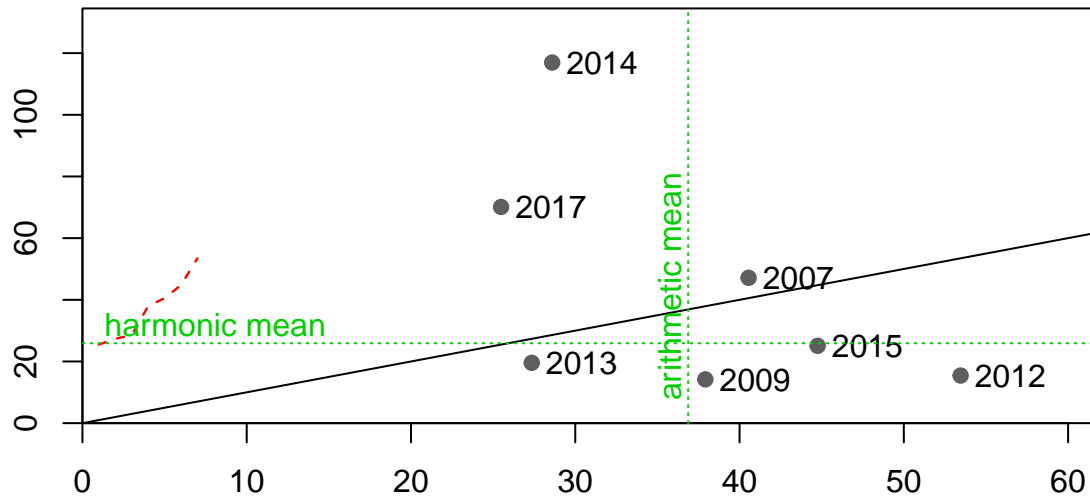
Proportion



Length (cm)

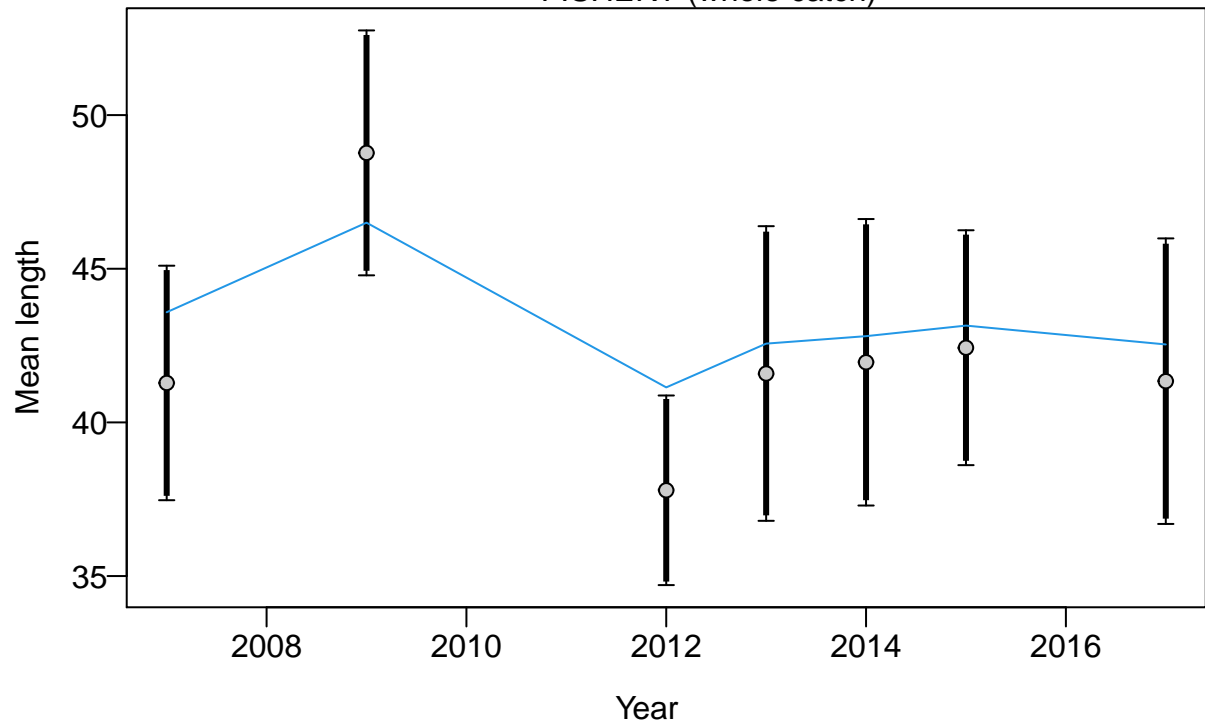


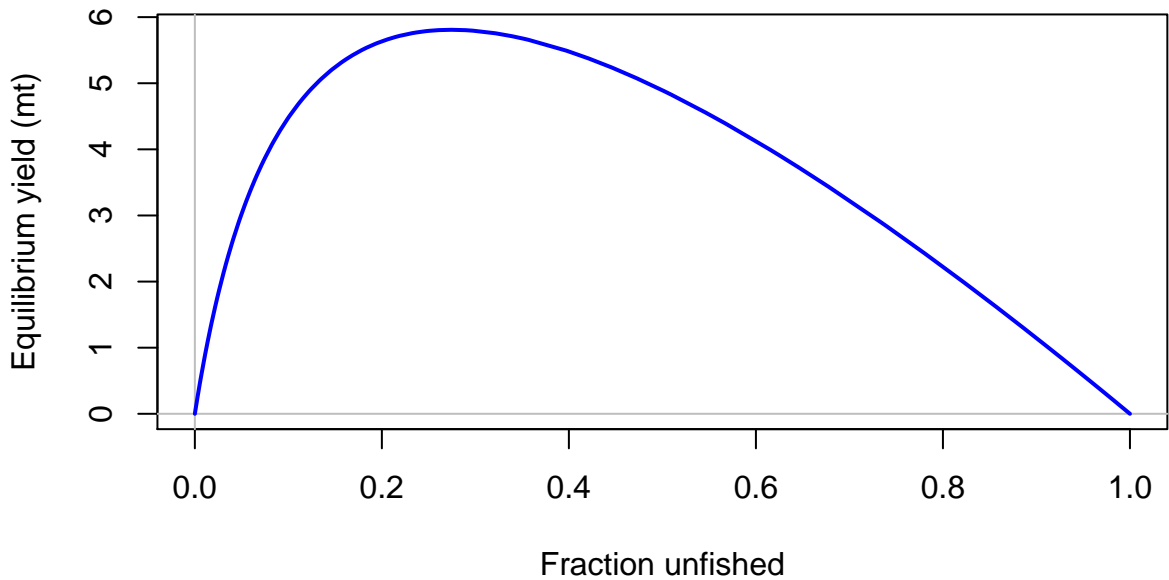
Effective sample size

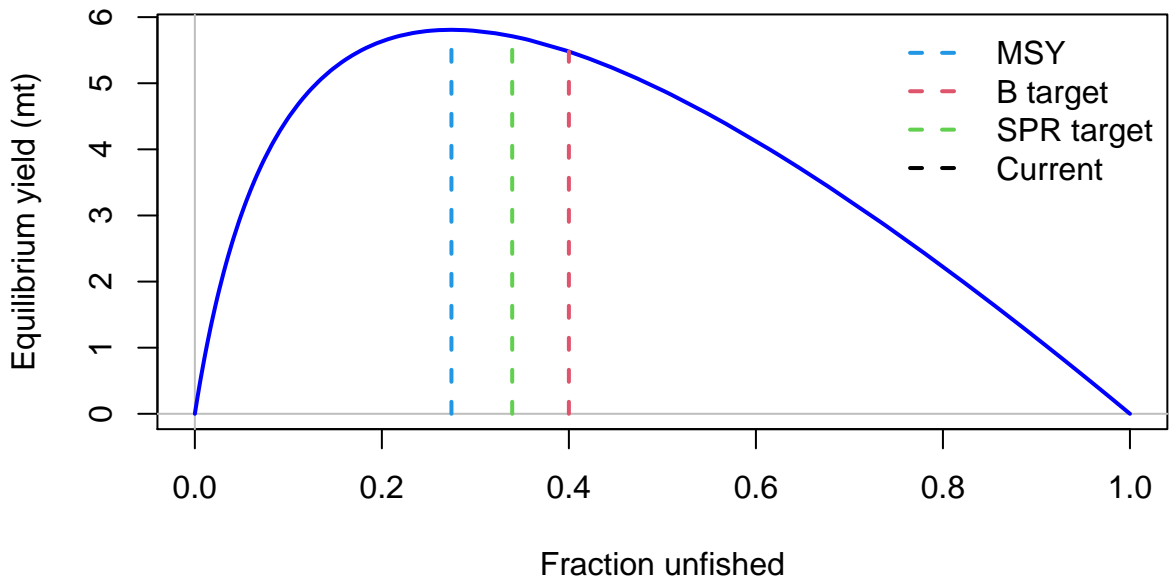


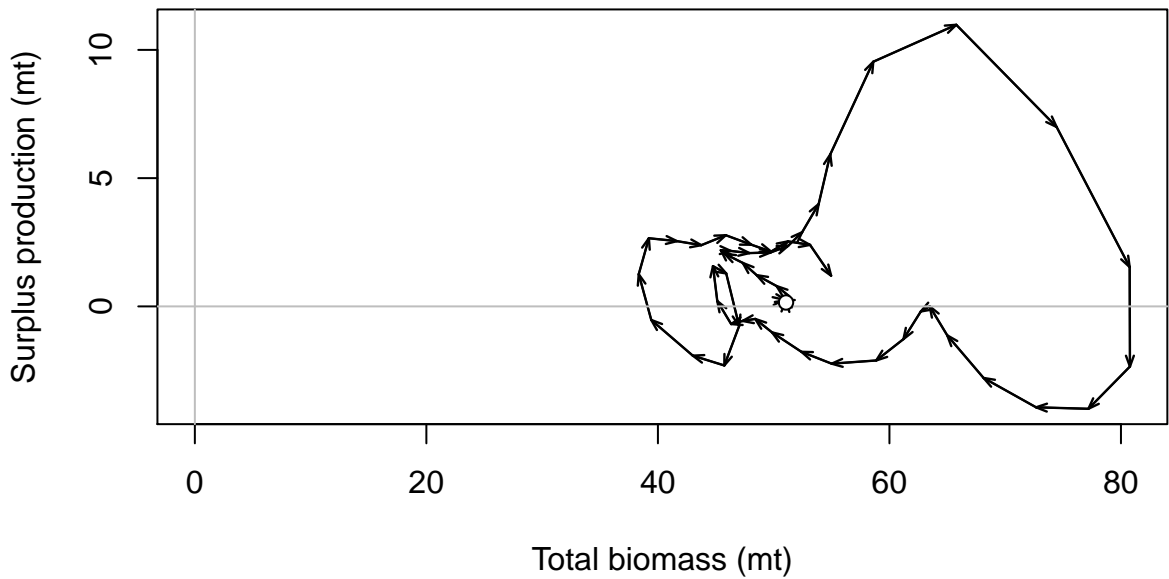
Observed sample size

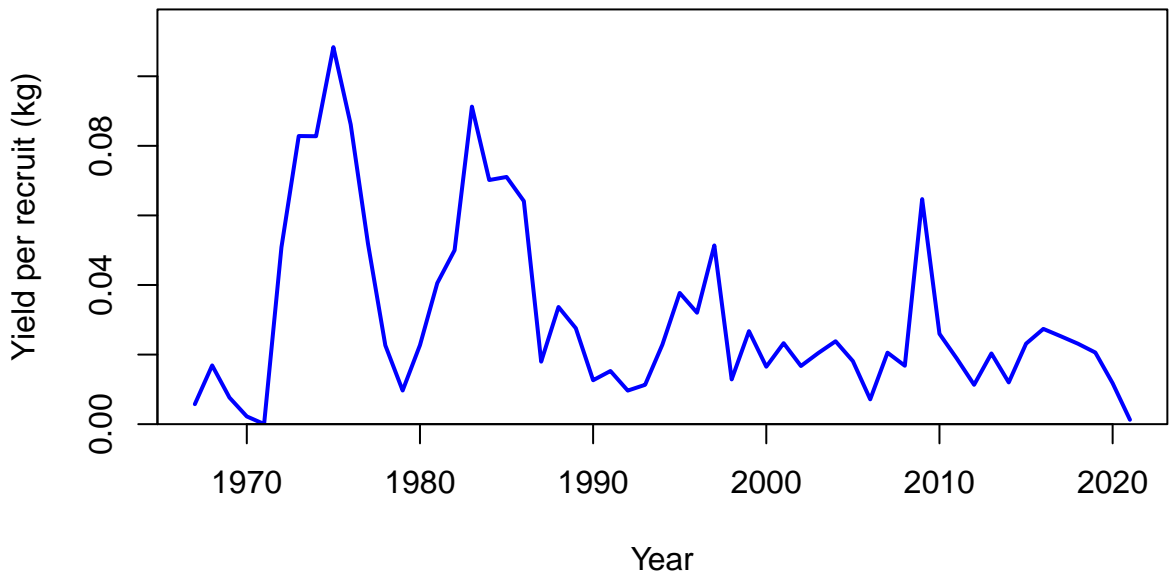
FISHERY (whole catch)



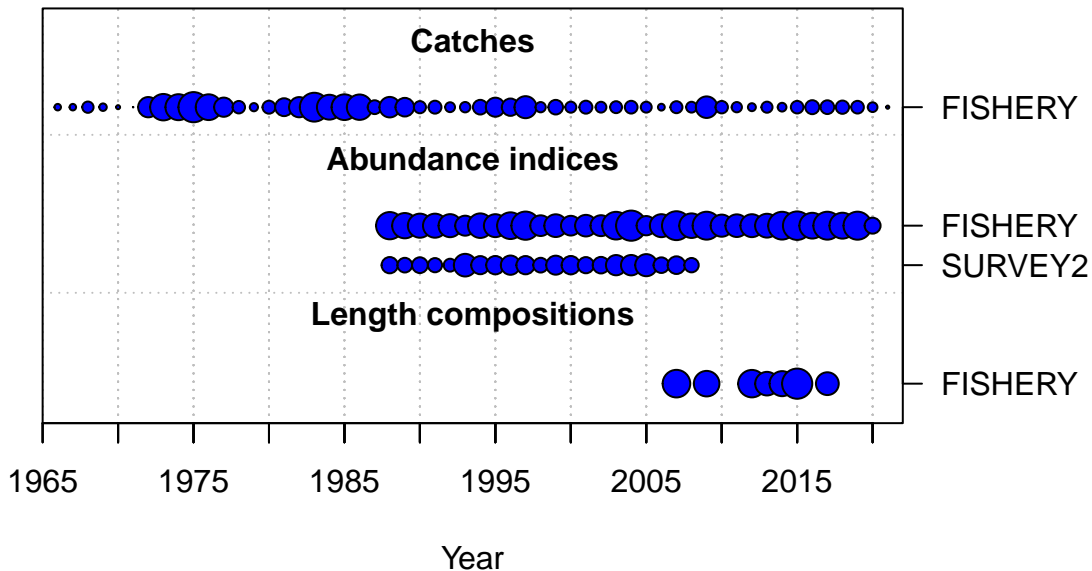






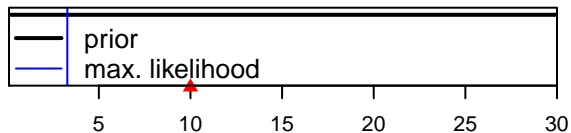




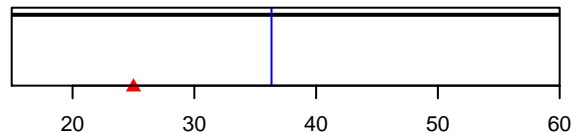


Density

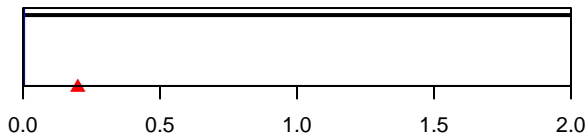
SR_LN(R0)



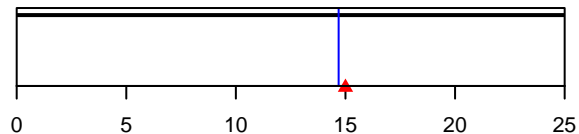
Size_inflection_FISHERY(1)



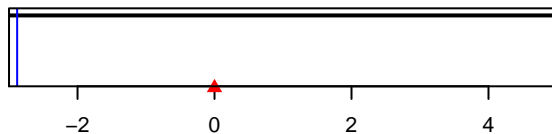
InitF_seas_1_flt_1FISHERY



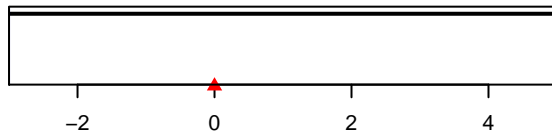
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)



Parameter value