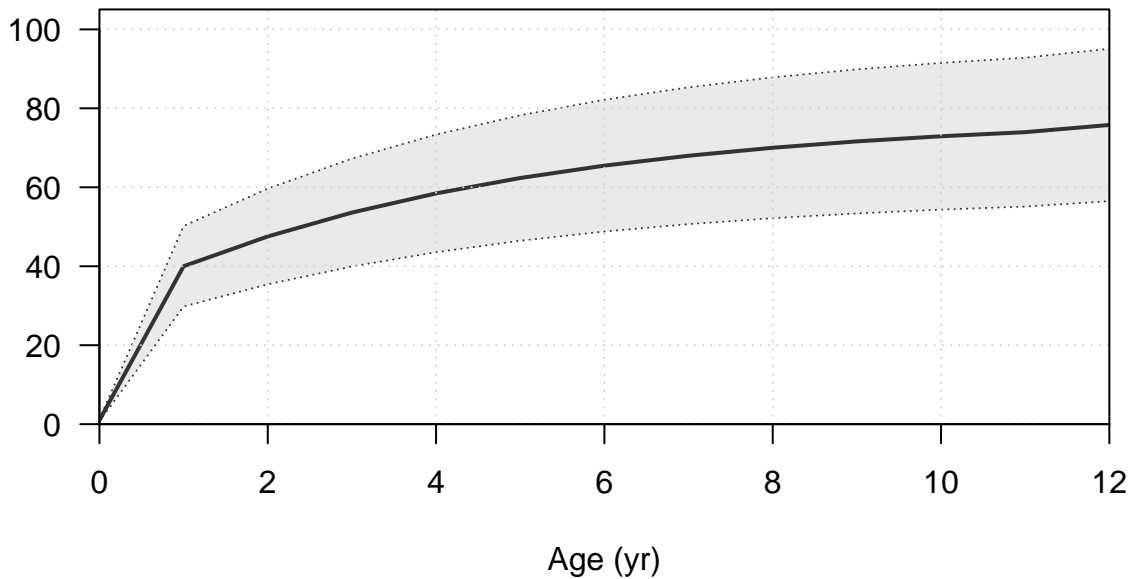
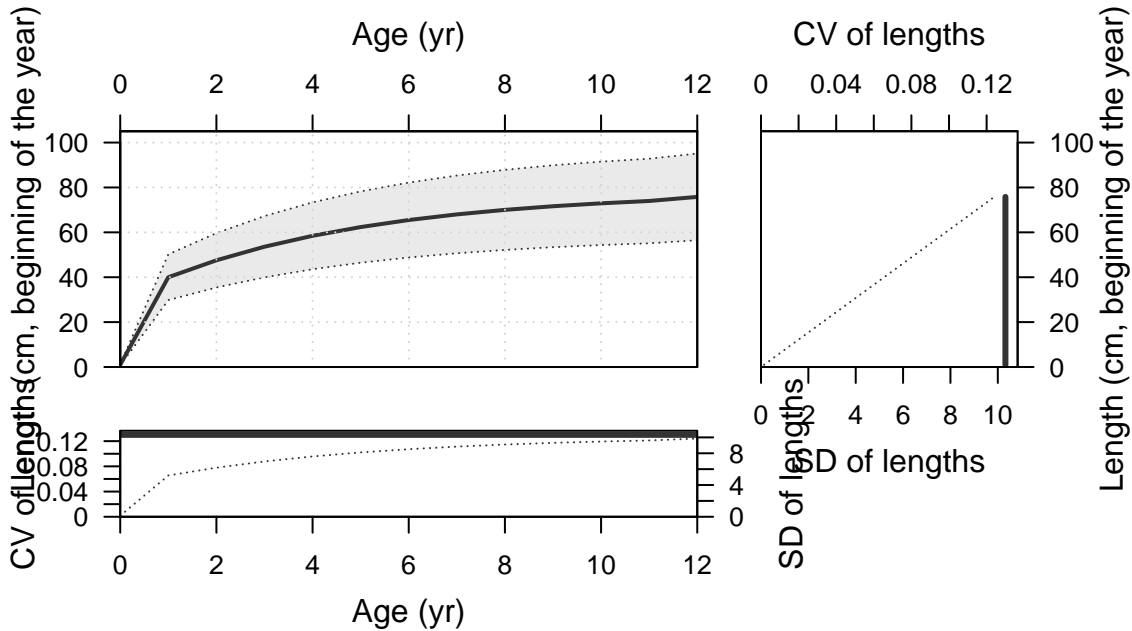
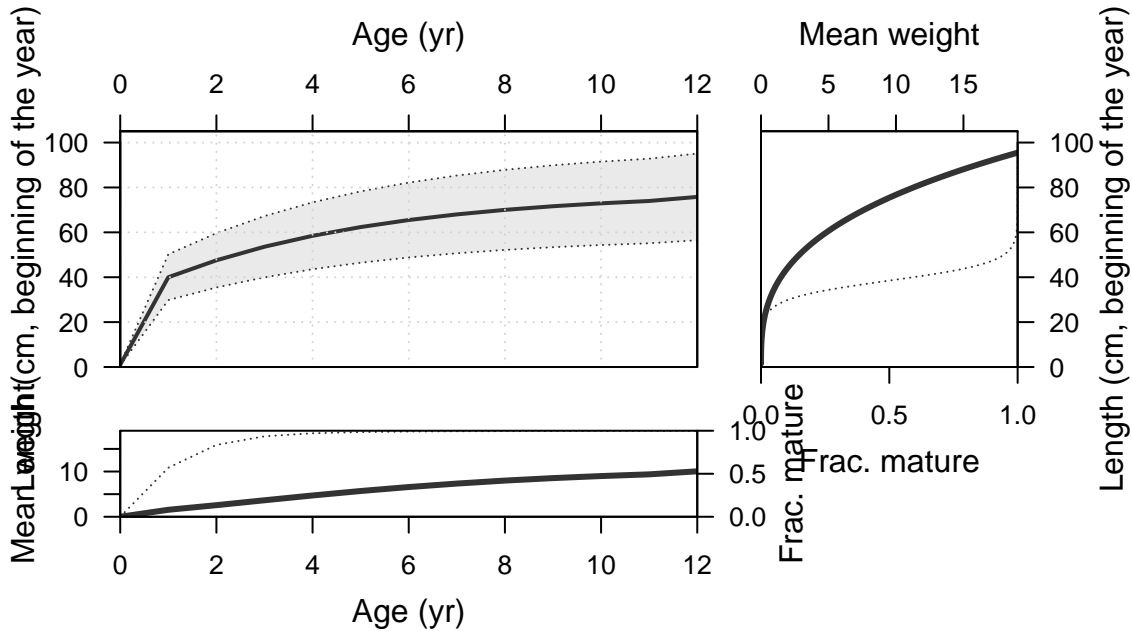


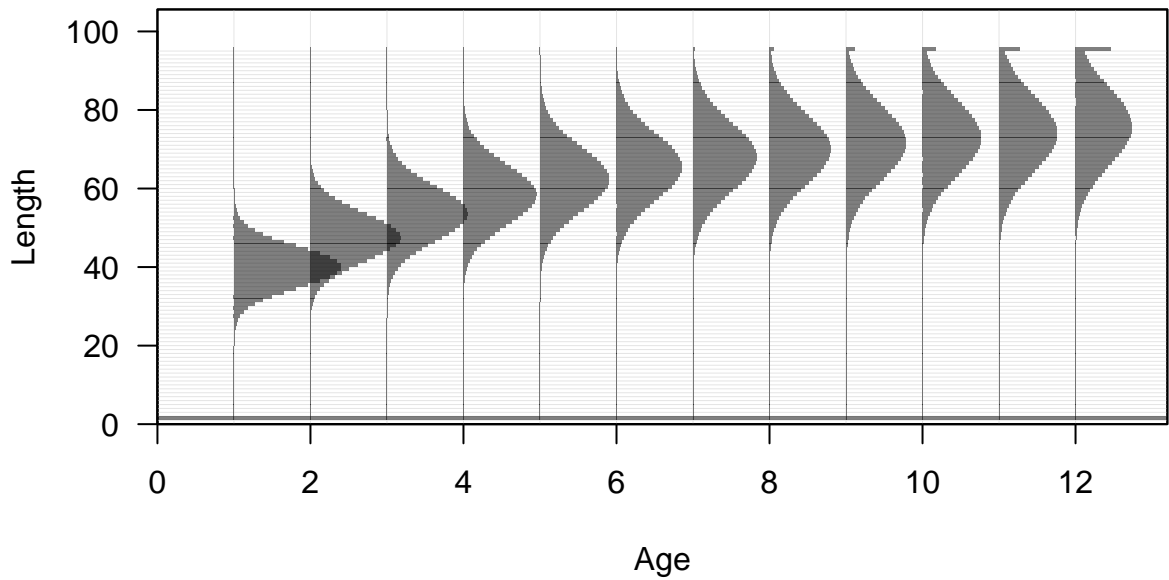
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Mon Jul 11 16:44:24 2022  
Data\_File: data.ss  
Control\_File: control.ss

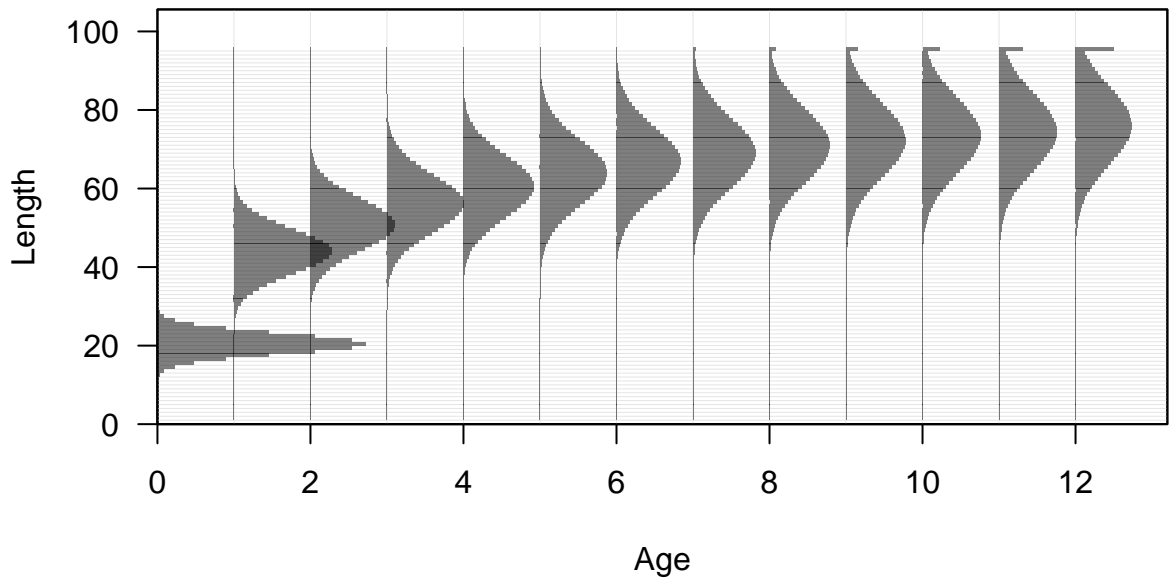
Length (cm, beginning of the year)



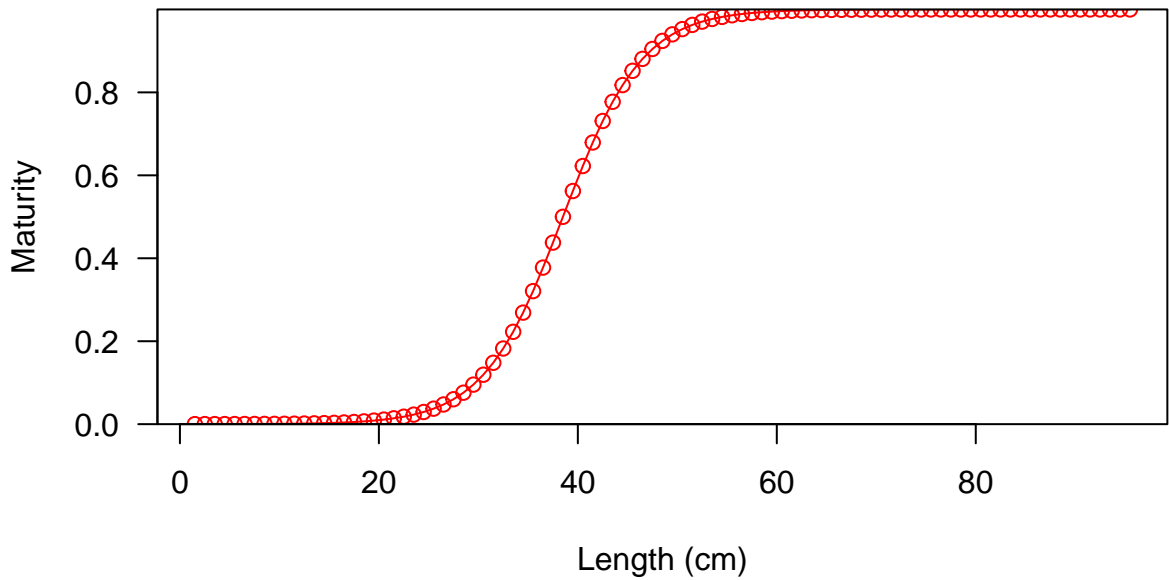




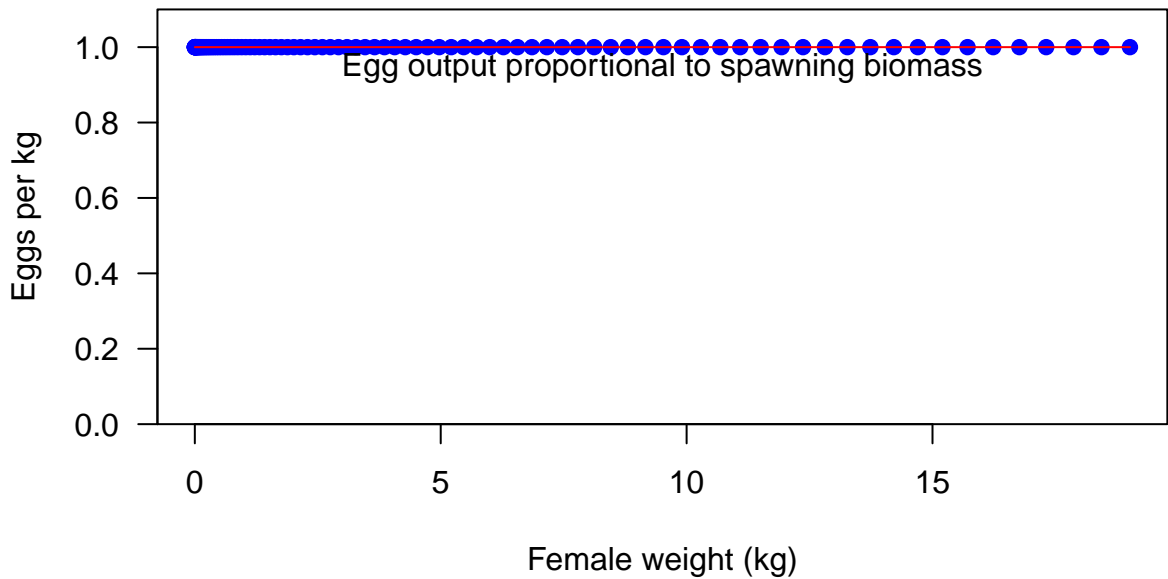












Fecundity

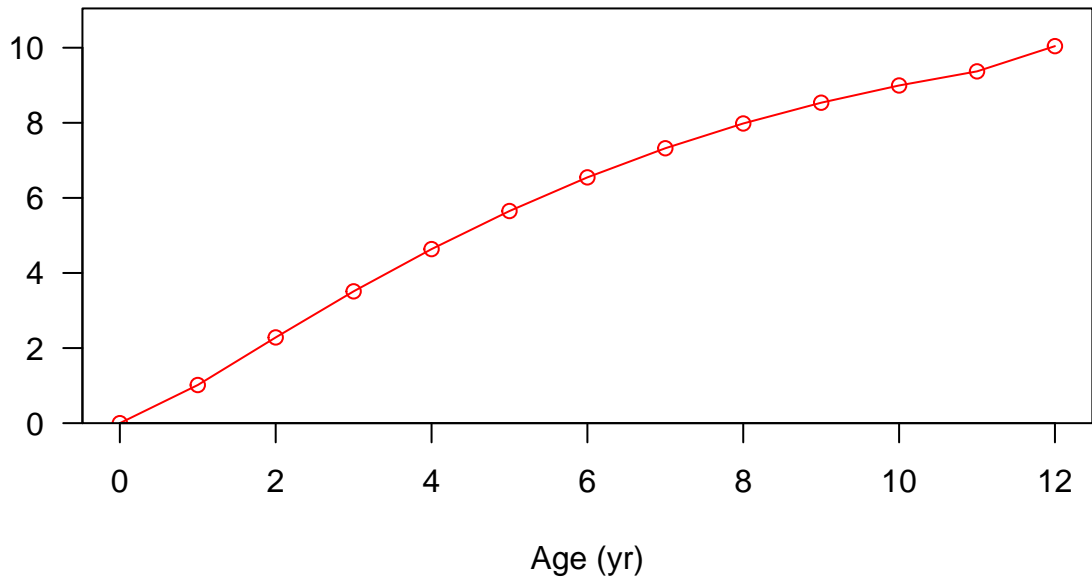




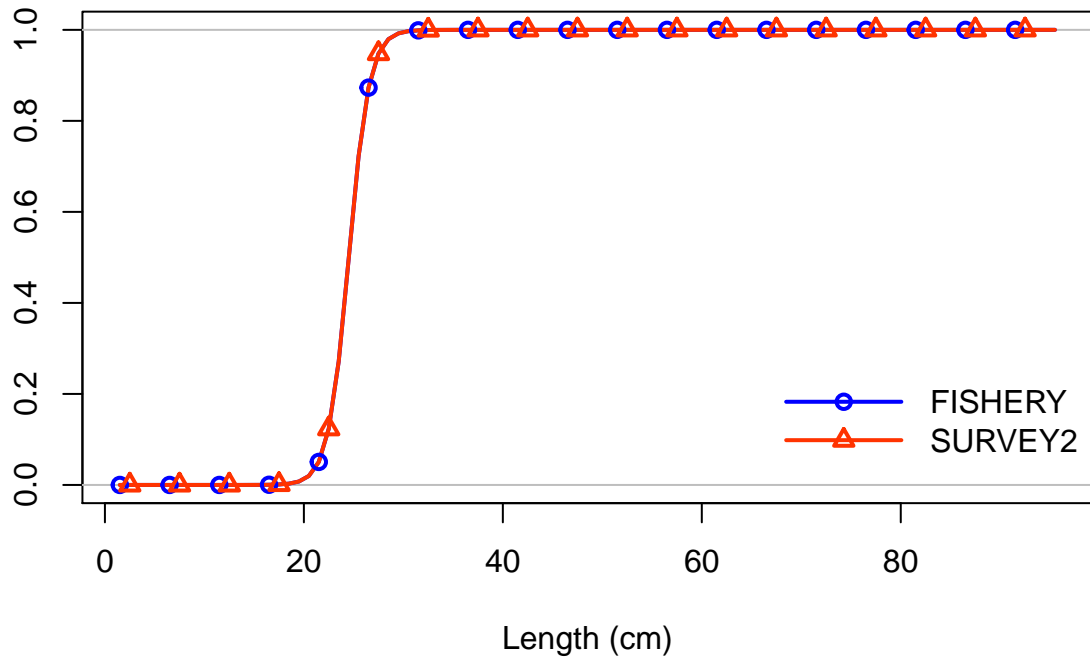
Spawning output



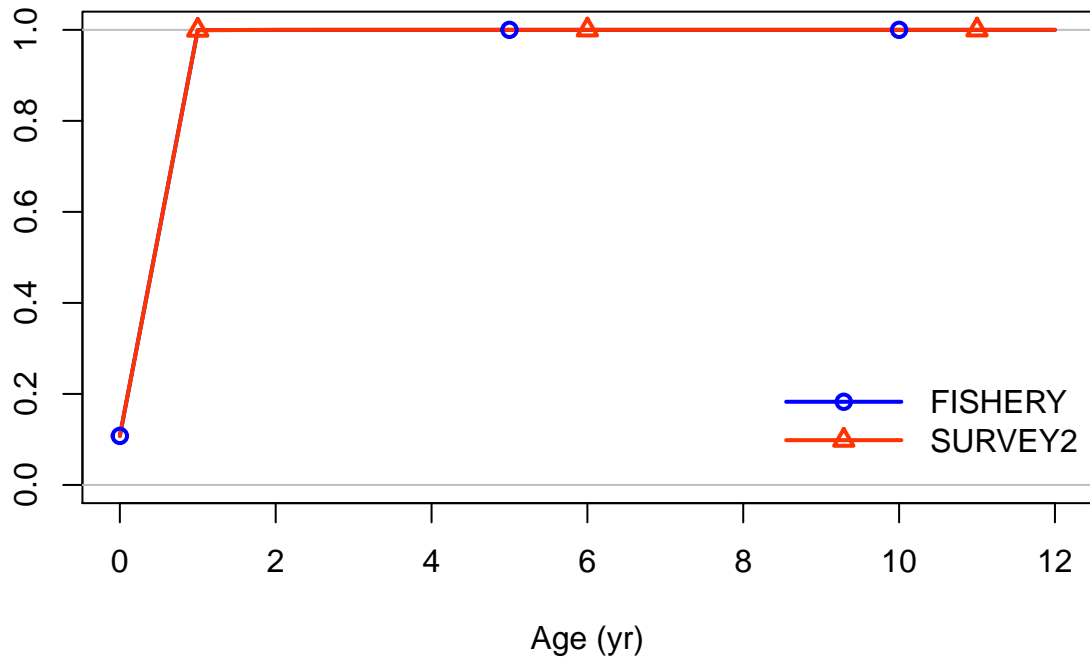
Spawning output



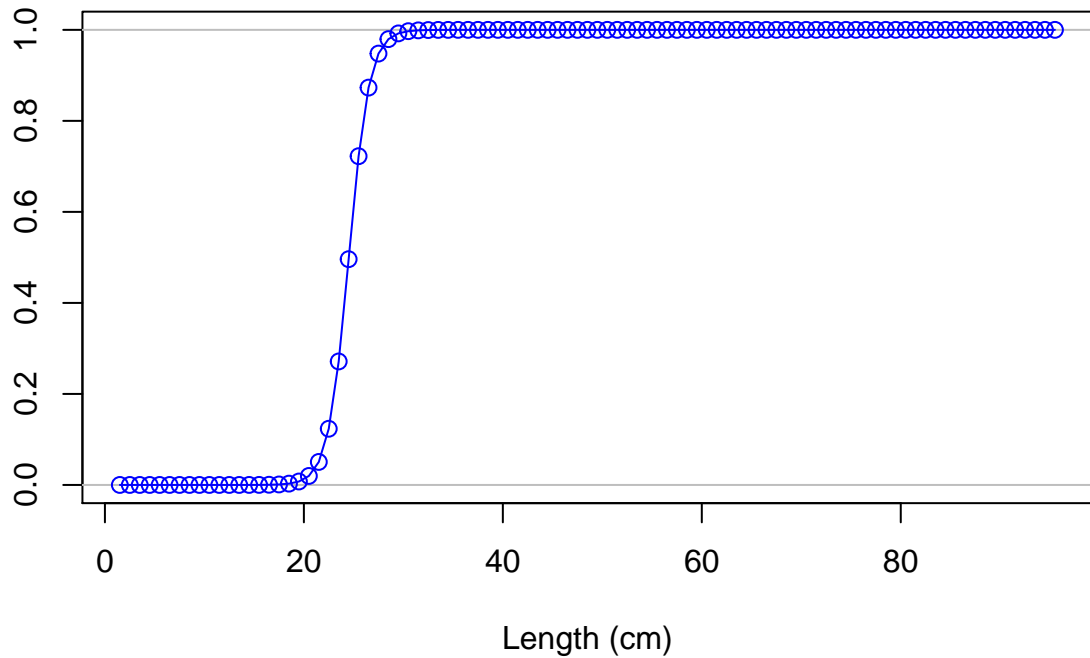
Selectivity



Selectivity

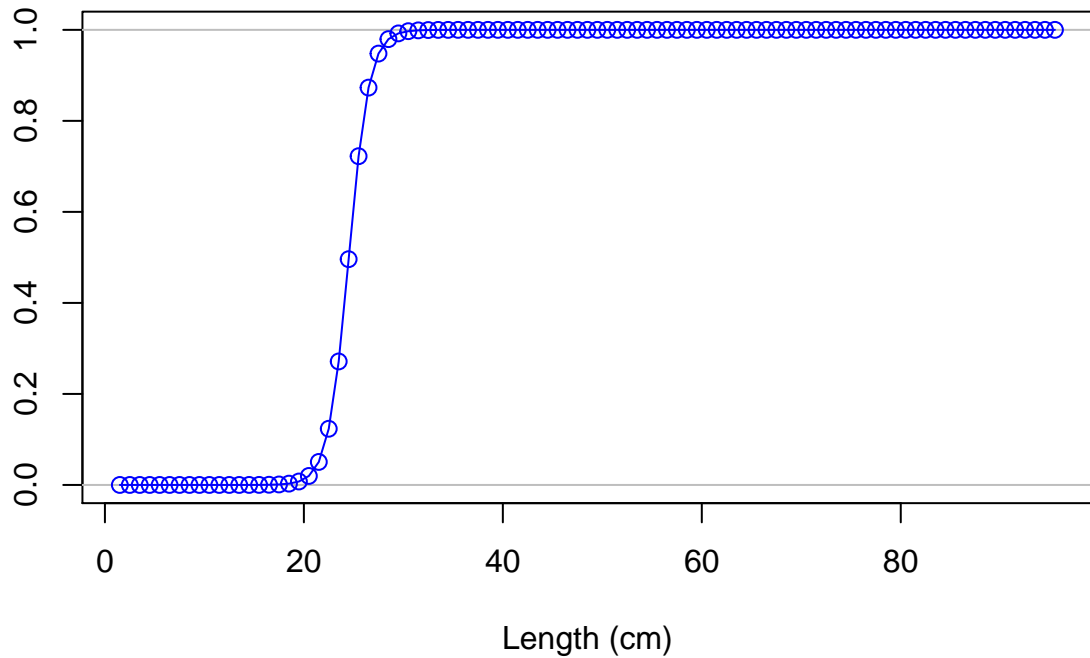


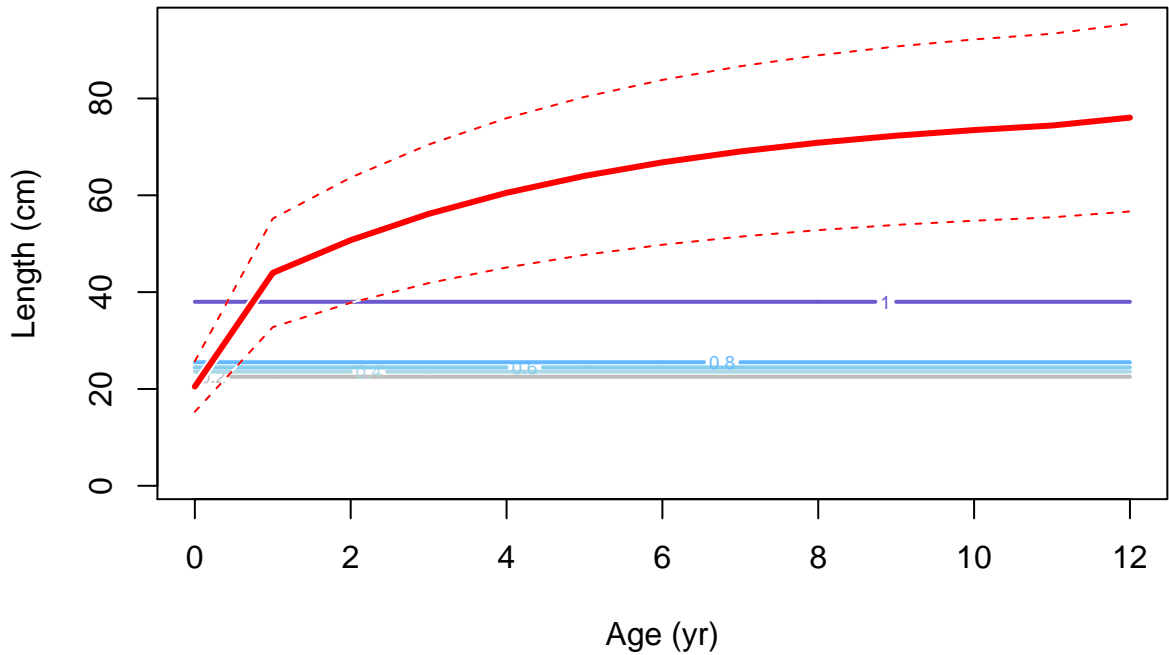
Selectivity

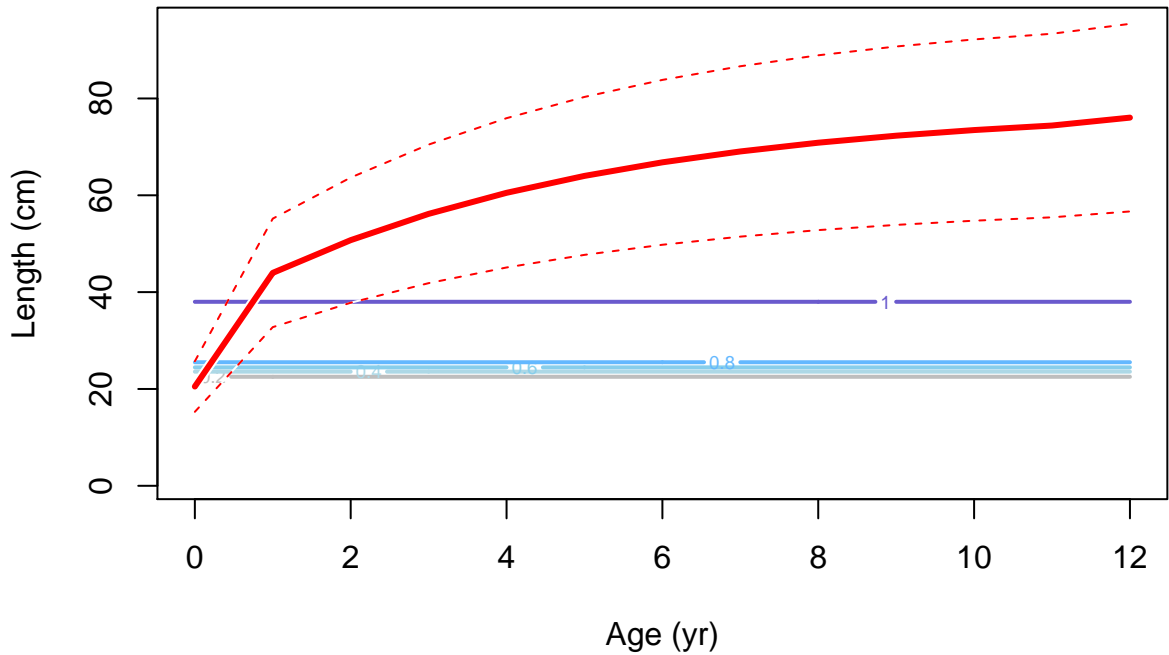




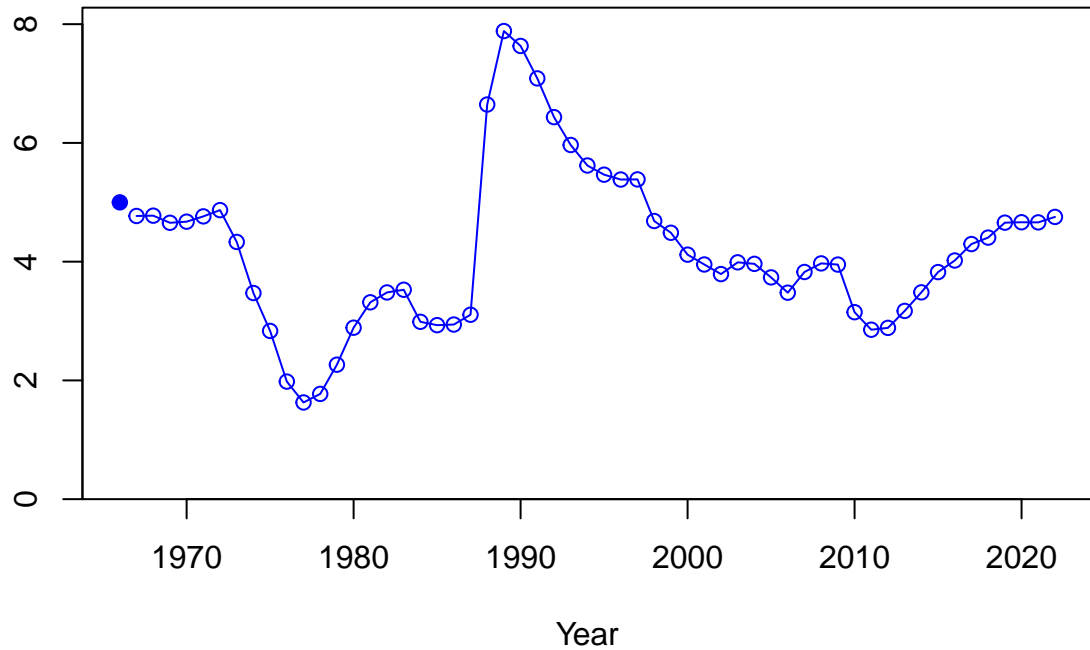
Selectivity



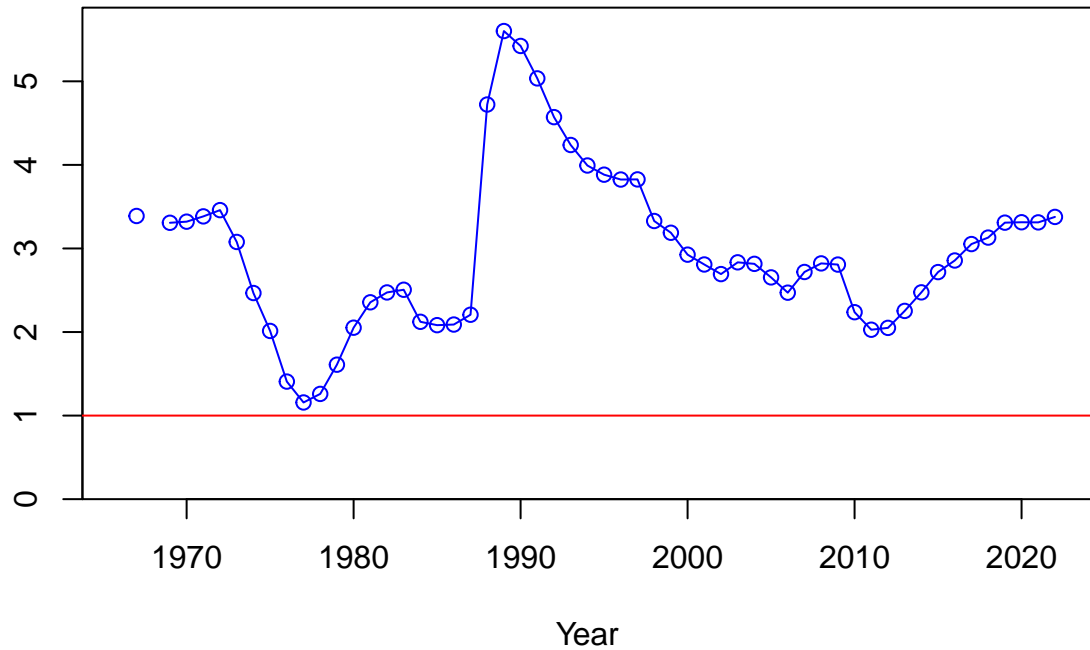


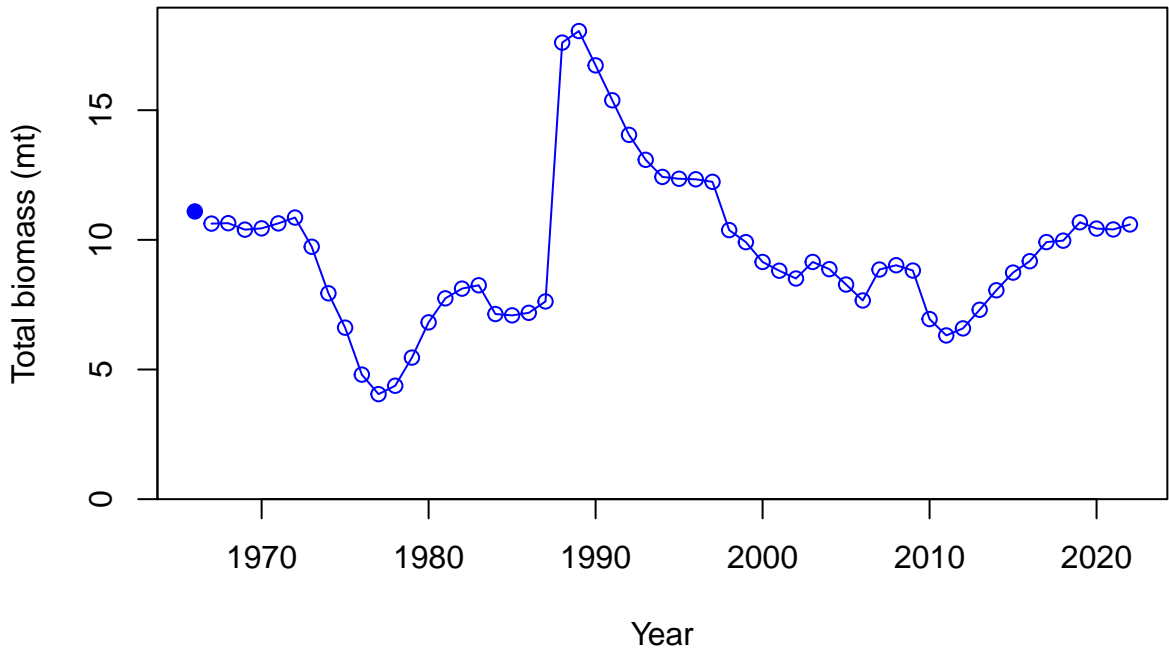


Spawning biomass (mt)

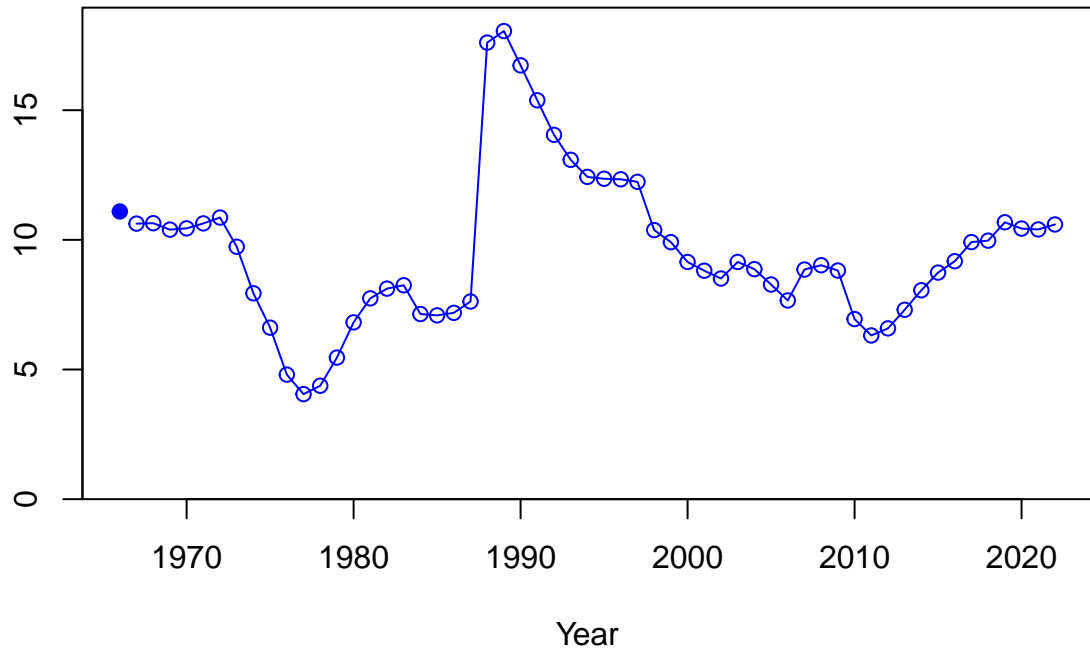


Relative spawning biomass:  $B/B_{MSY}$

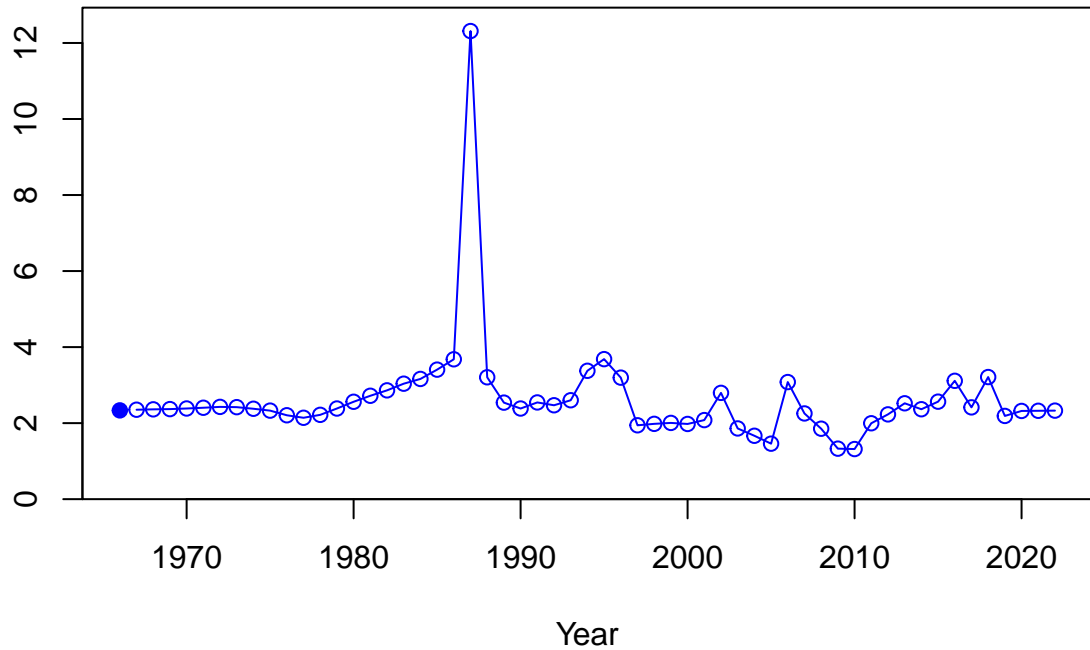




Summary biomass (mt)

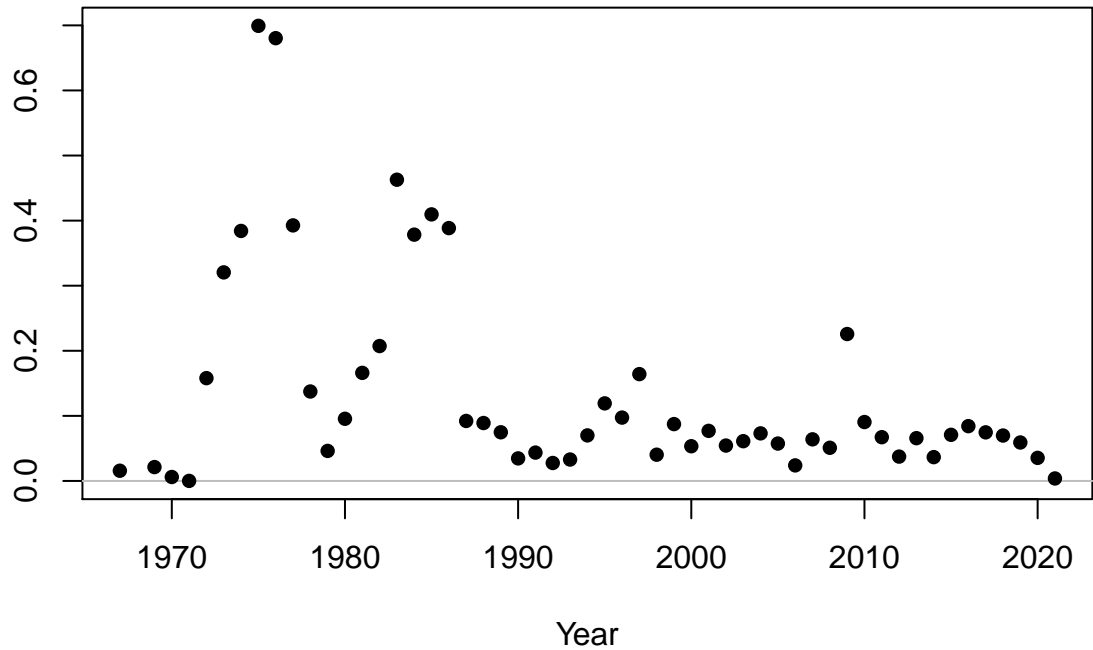


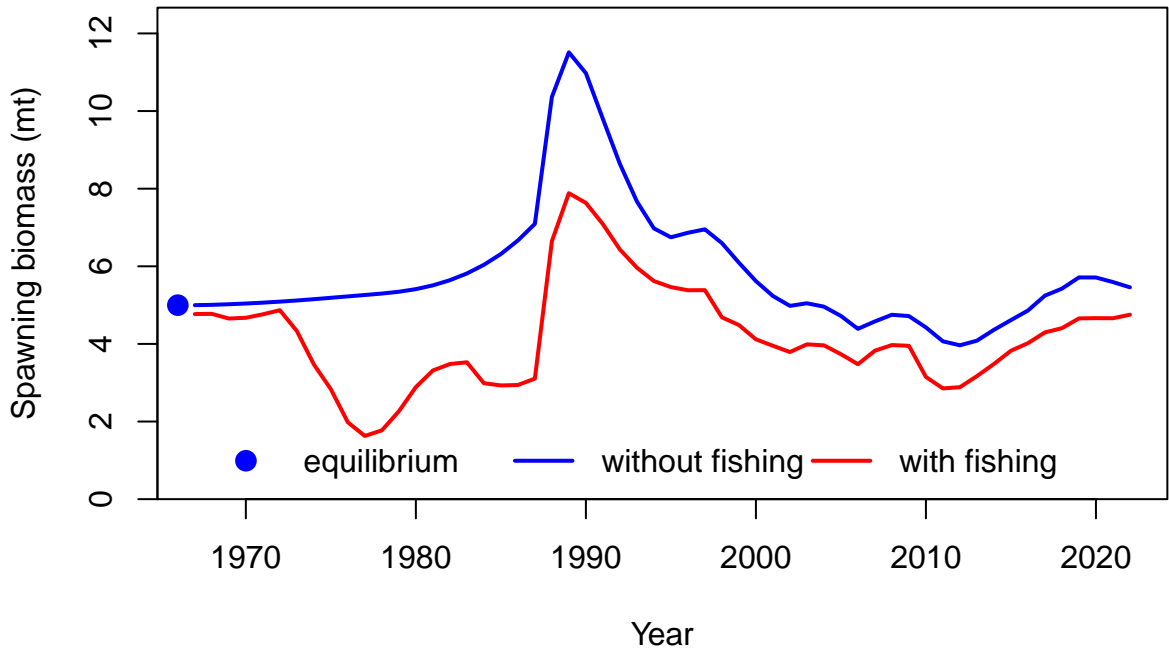
Age-0 recruits (1,000s)



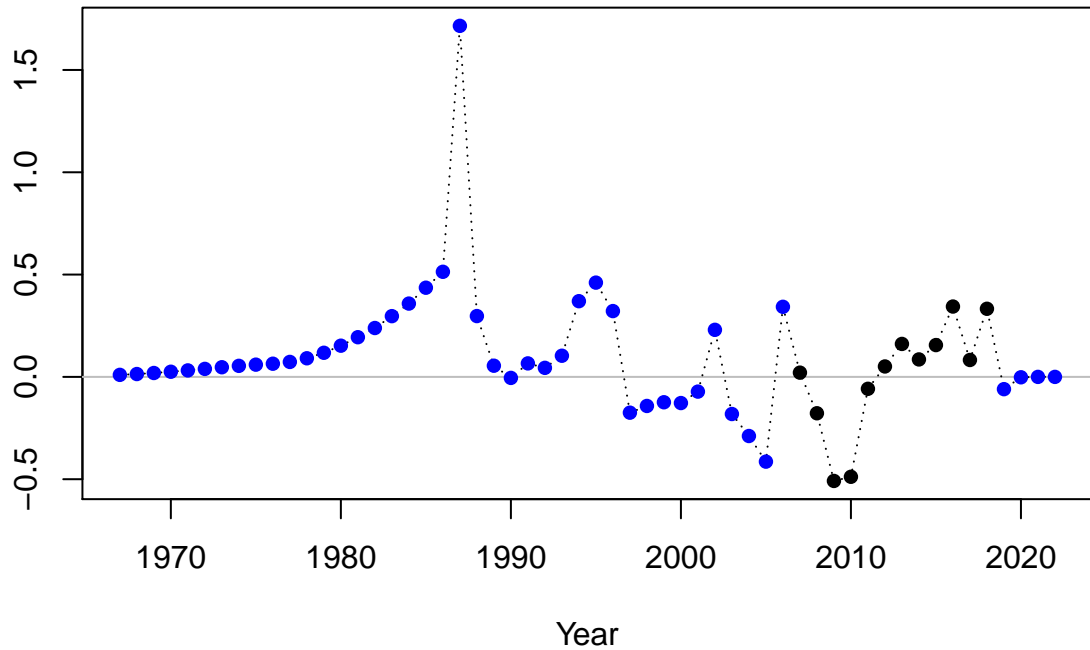


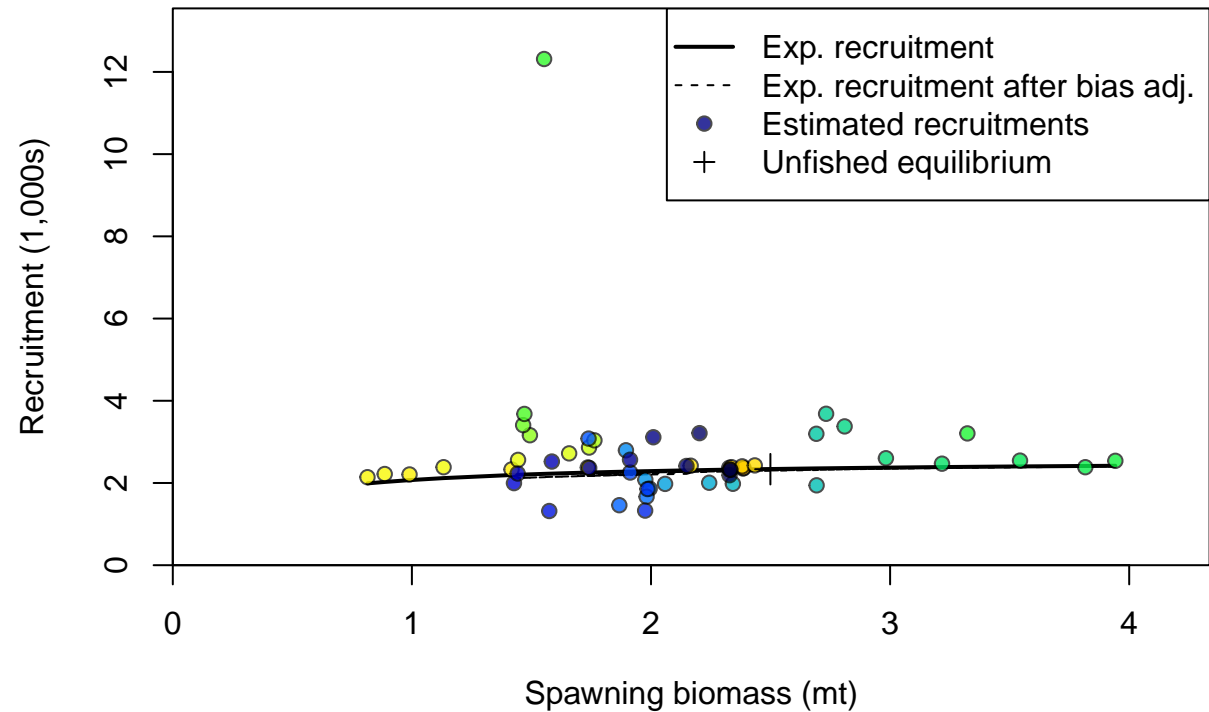
Summary Fishing Mortality

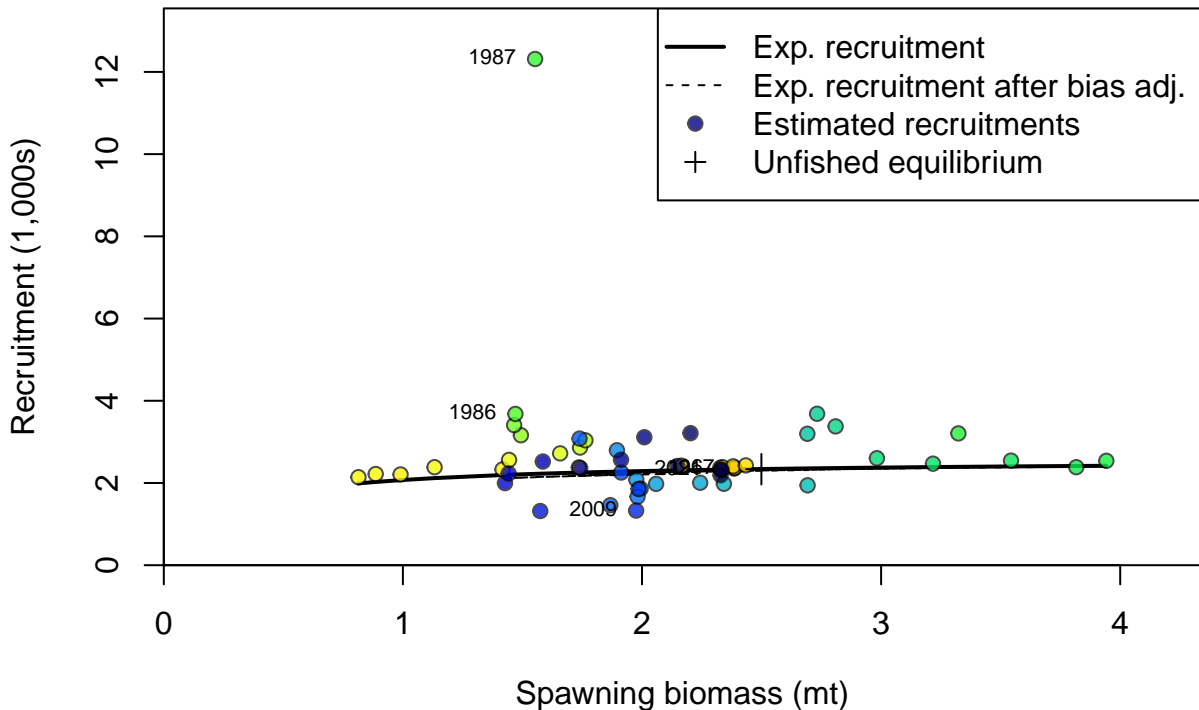




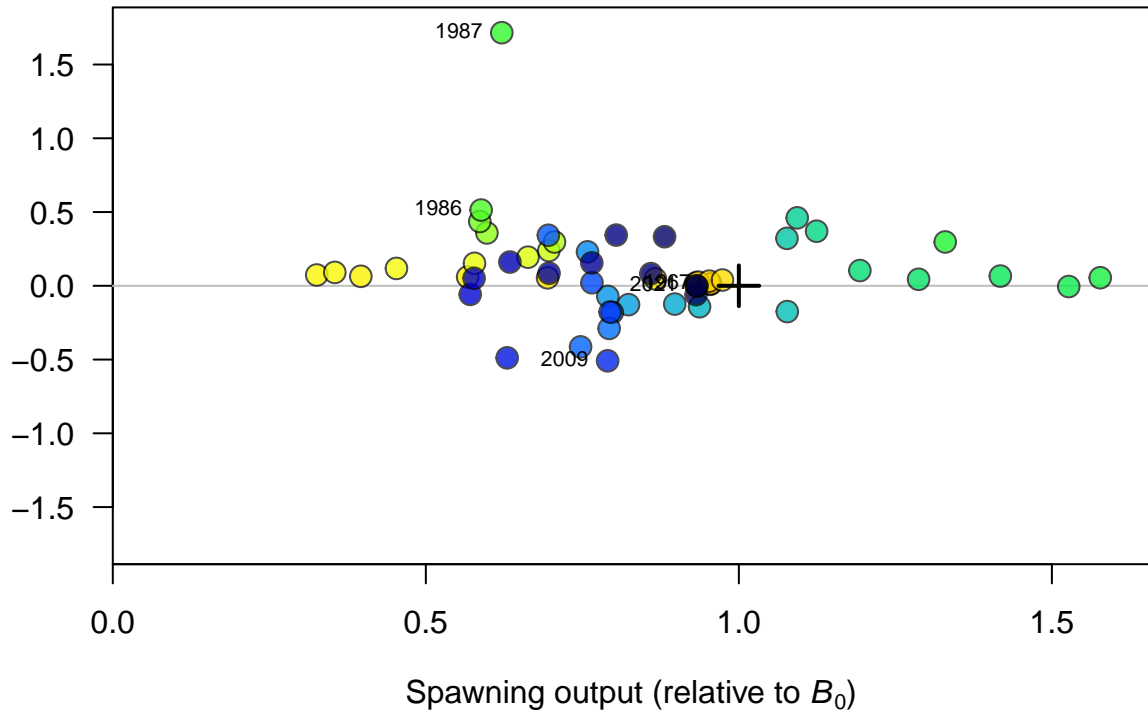
Log recruitment deviation

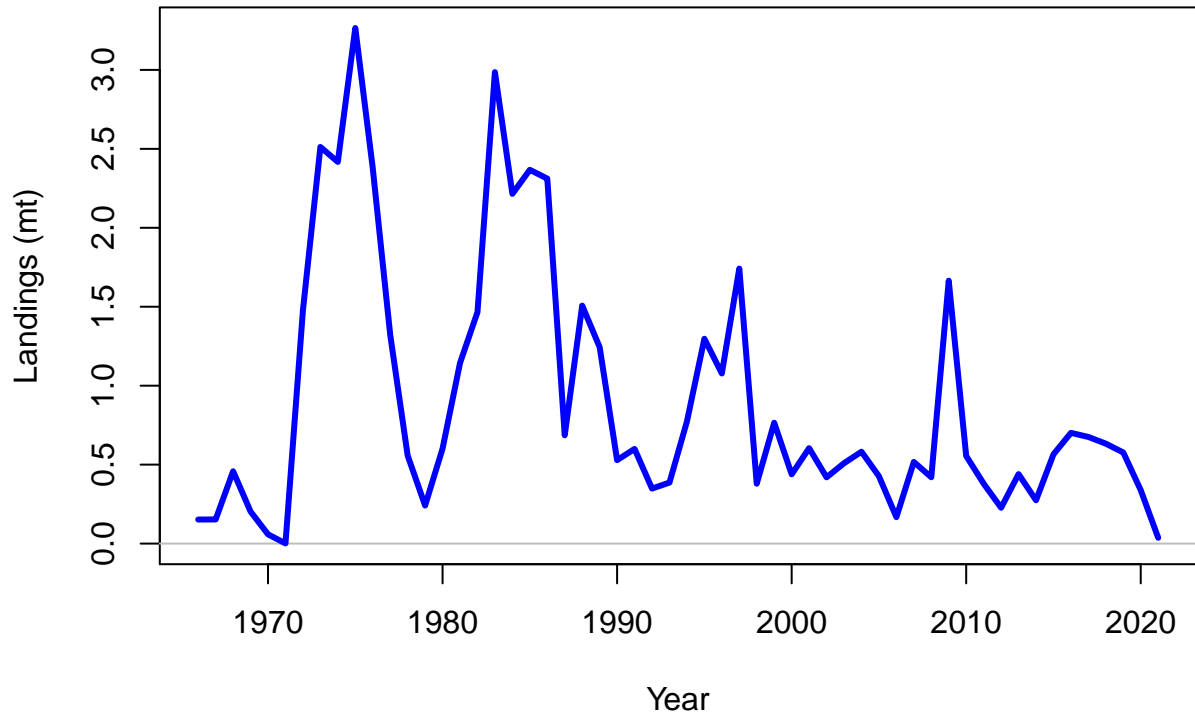


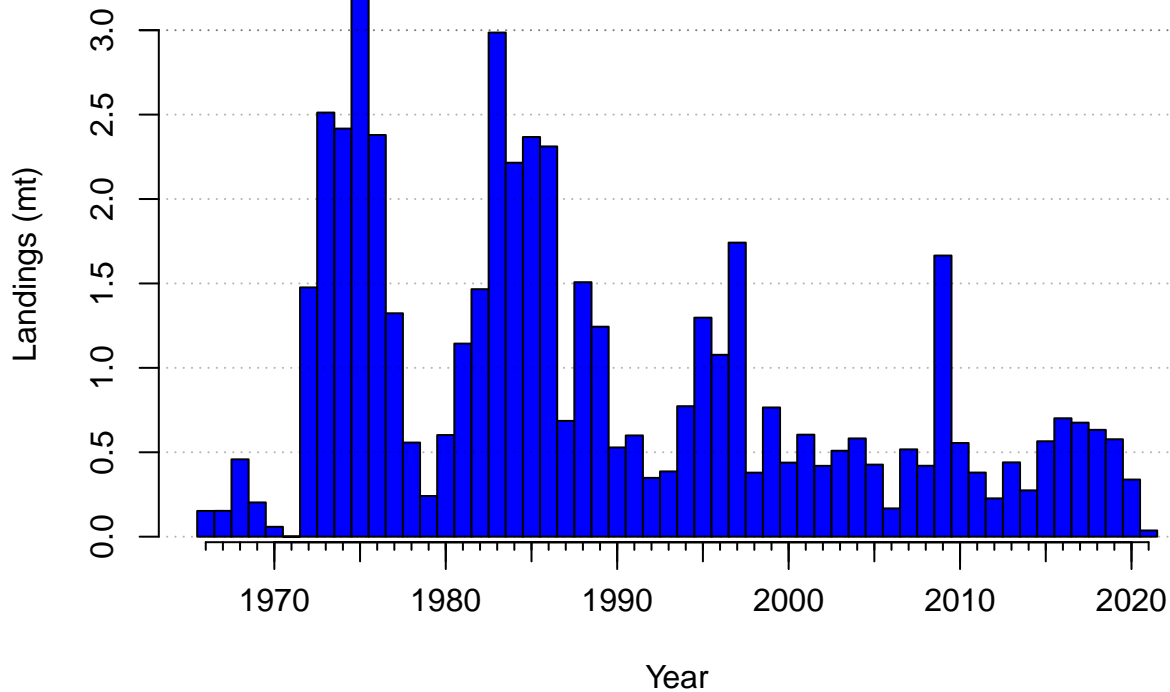




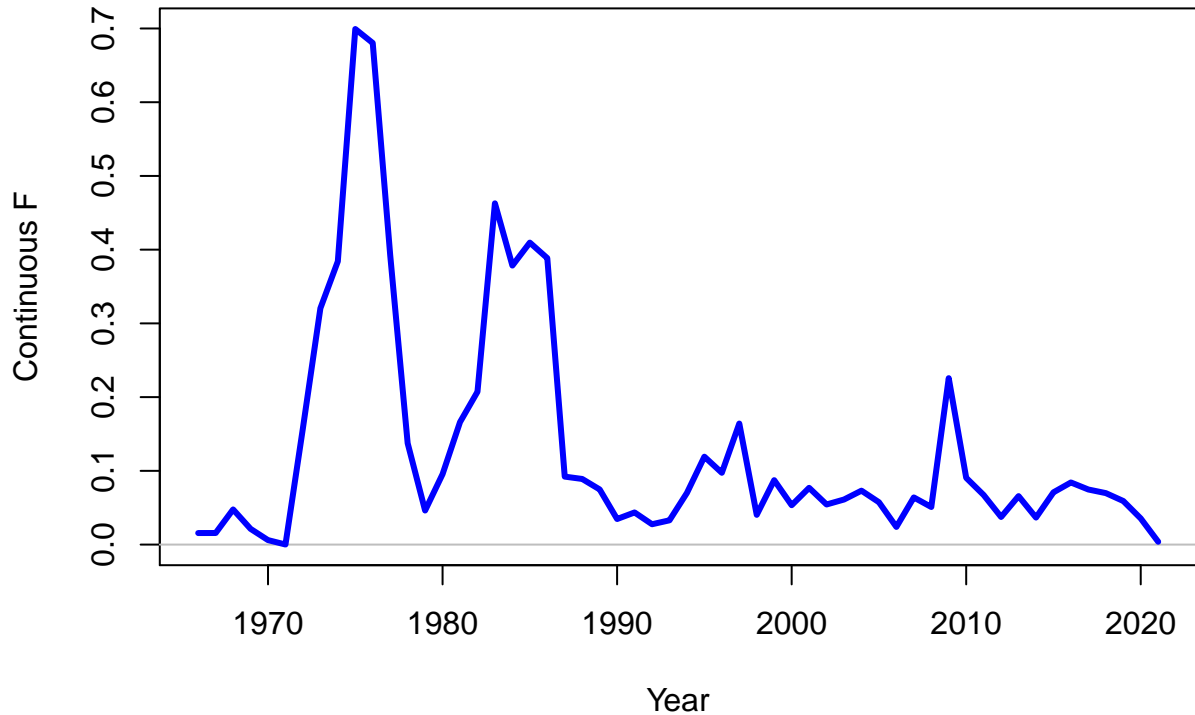
Log recruitment deviation



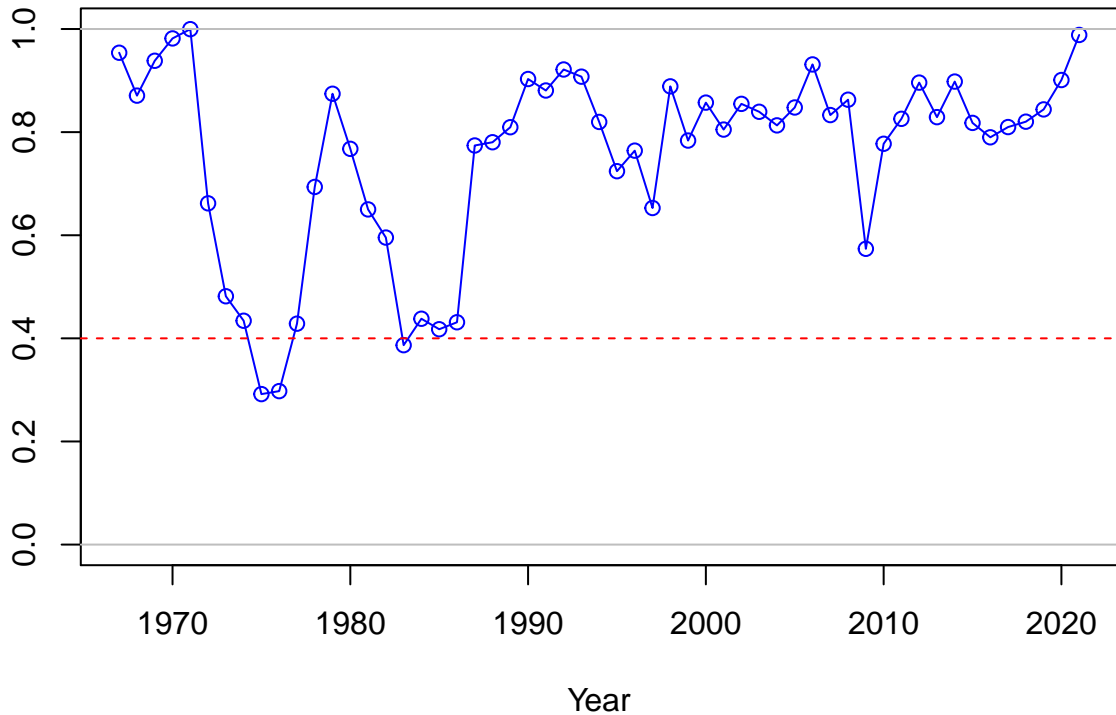


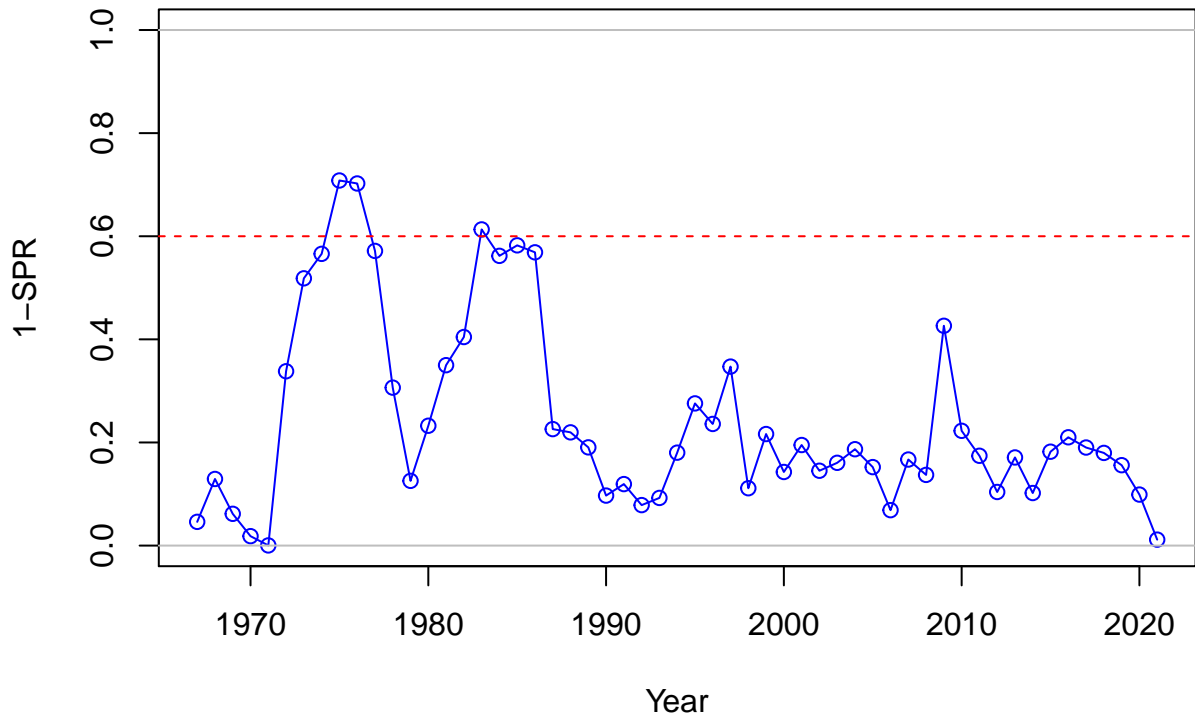




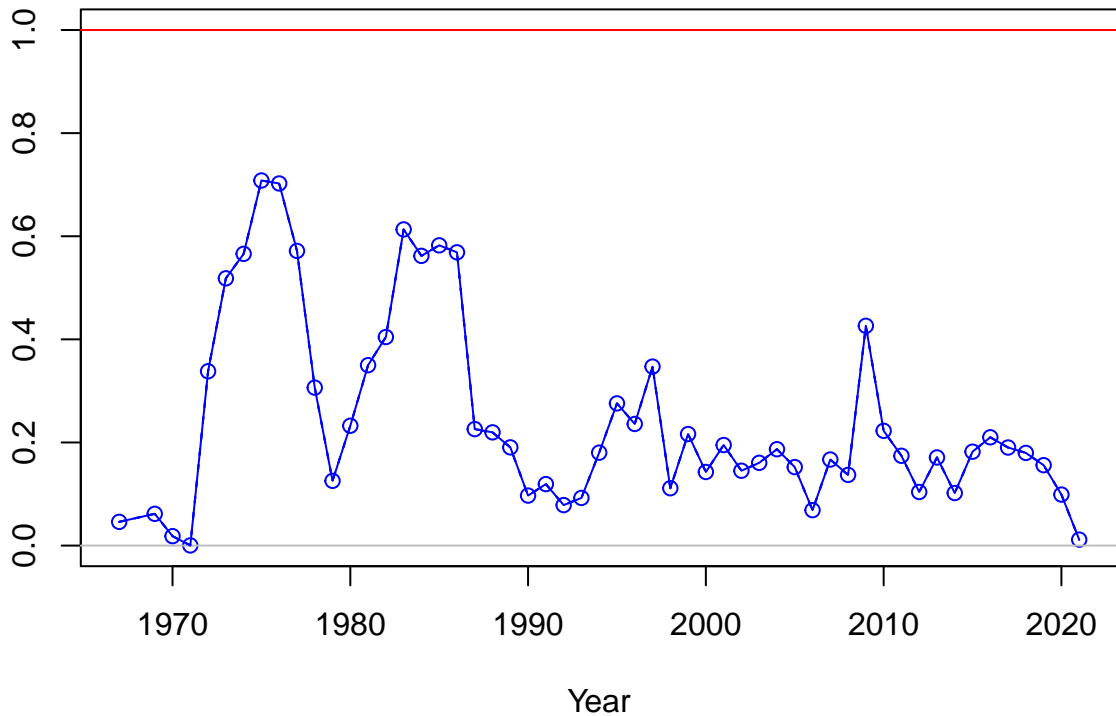


SPR

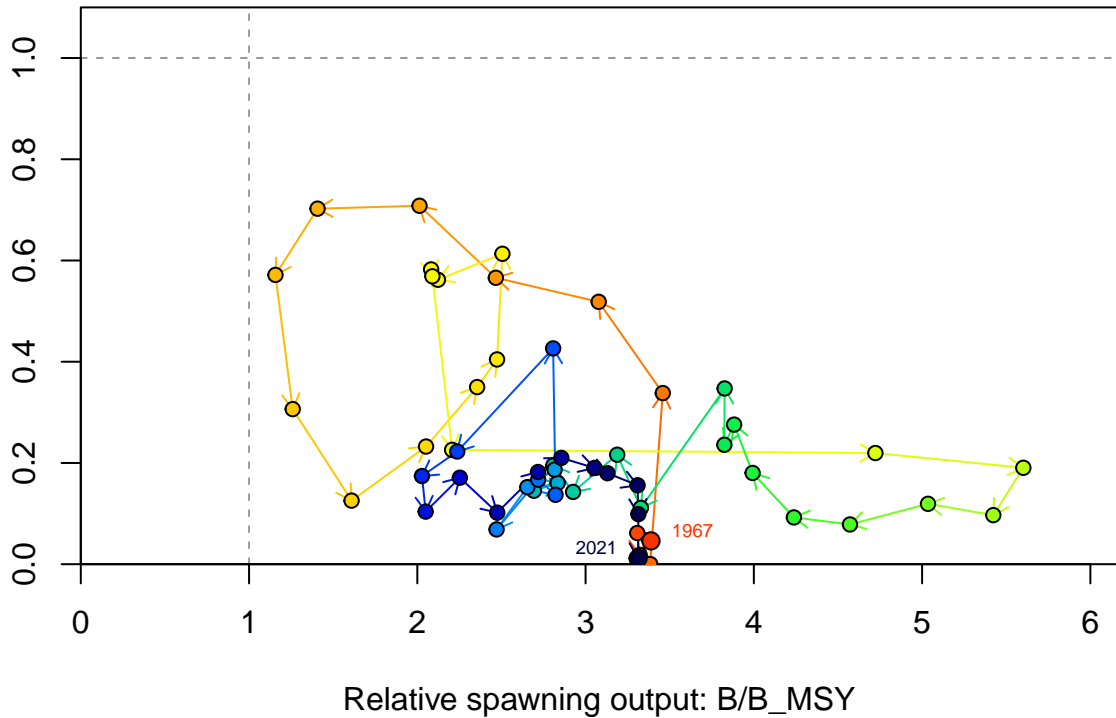




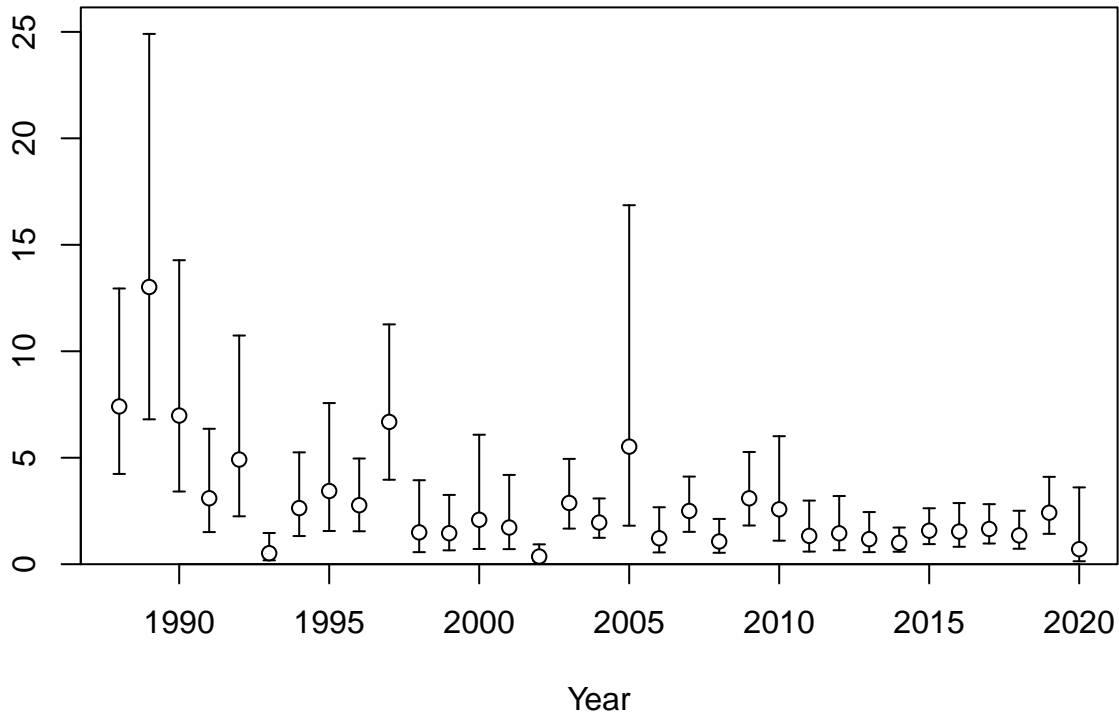
Fishing intensity: 1-SPR



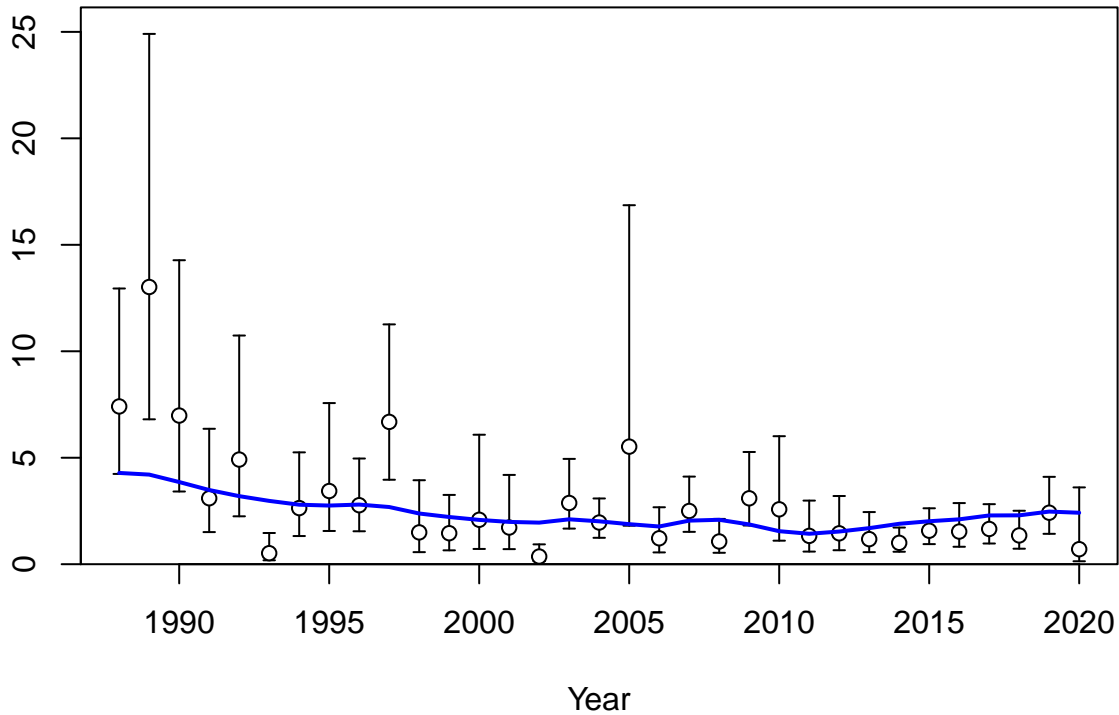
Fishing intensity: 1-SPR

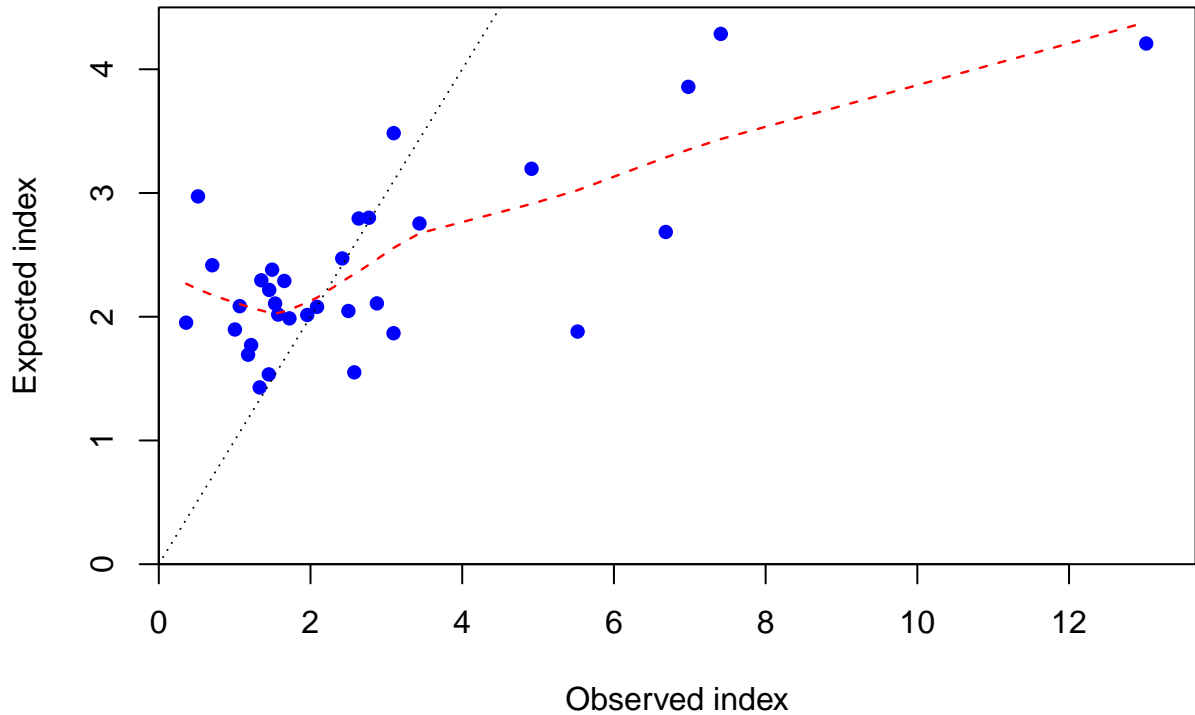


Index

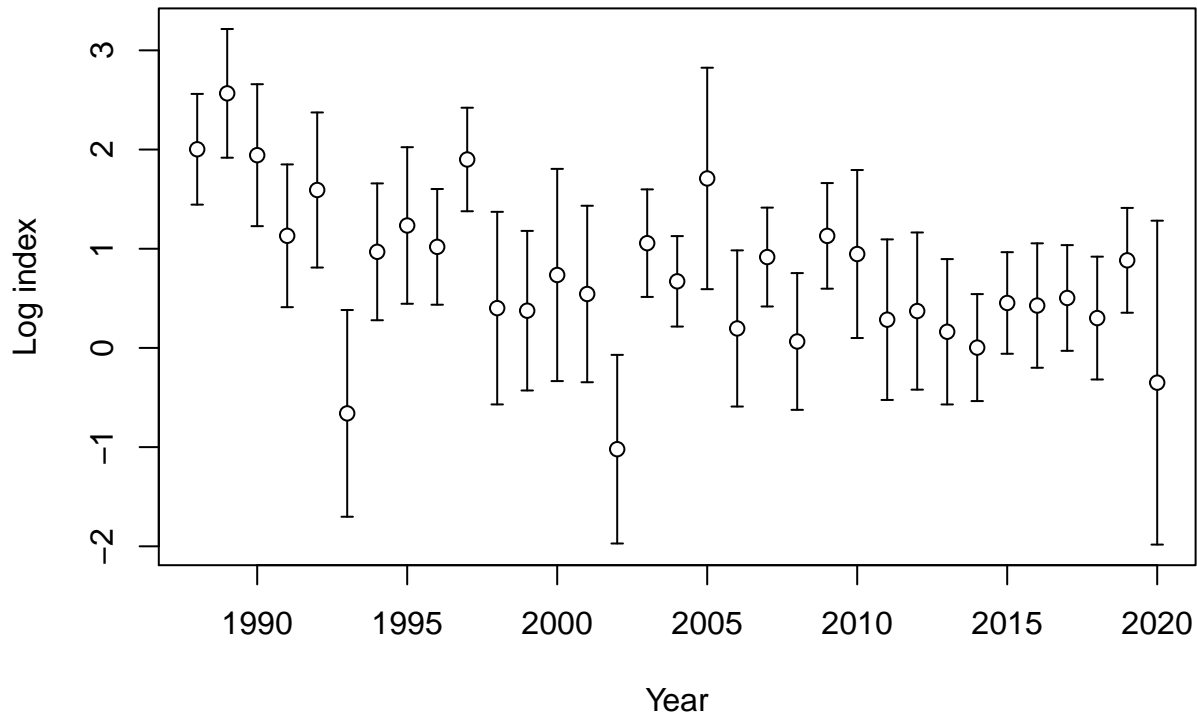


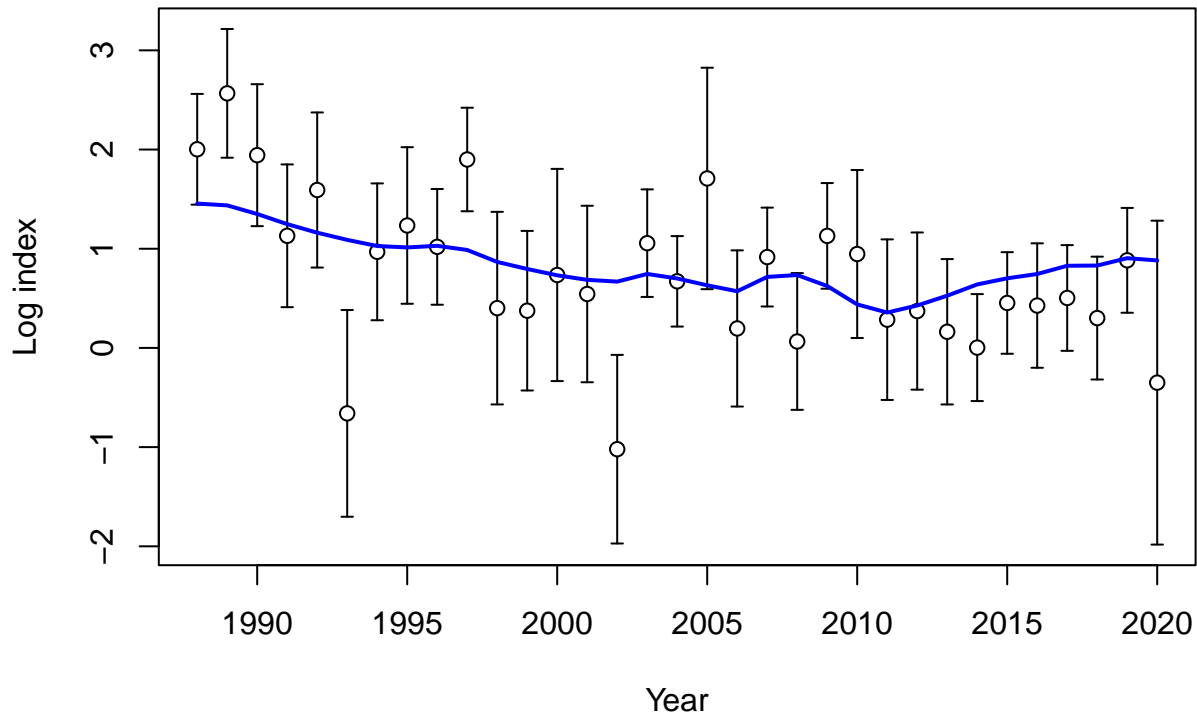
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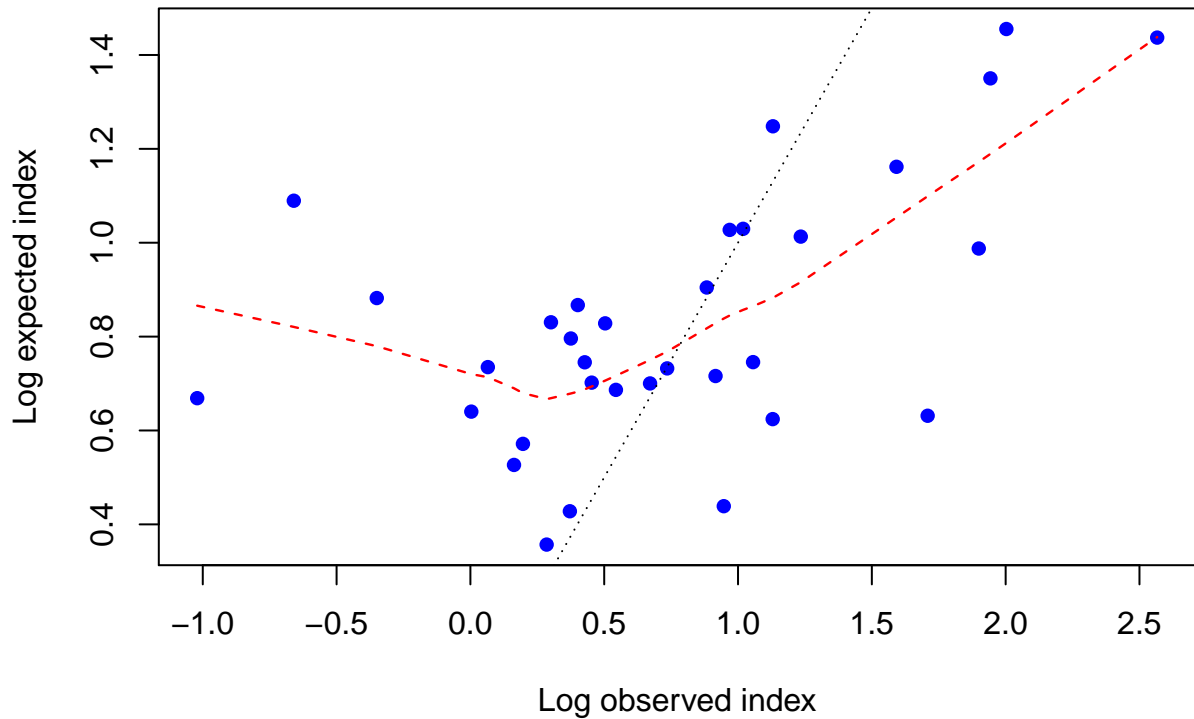


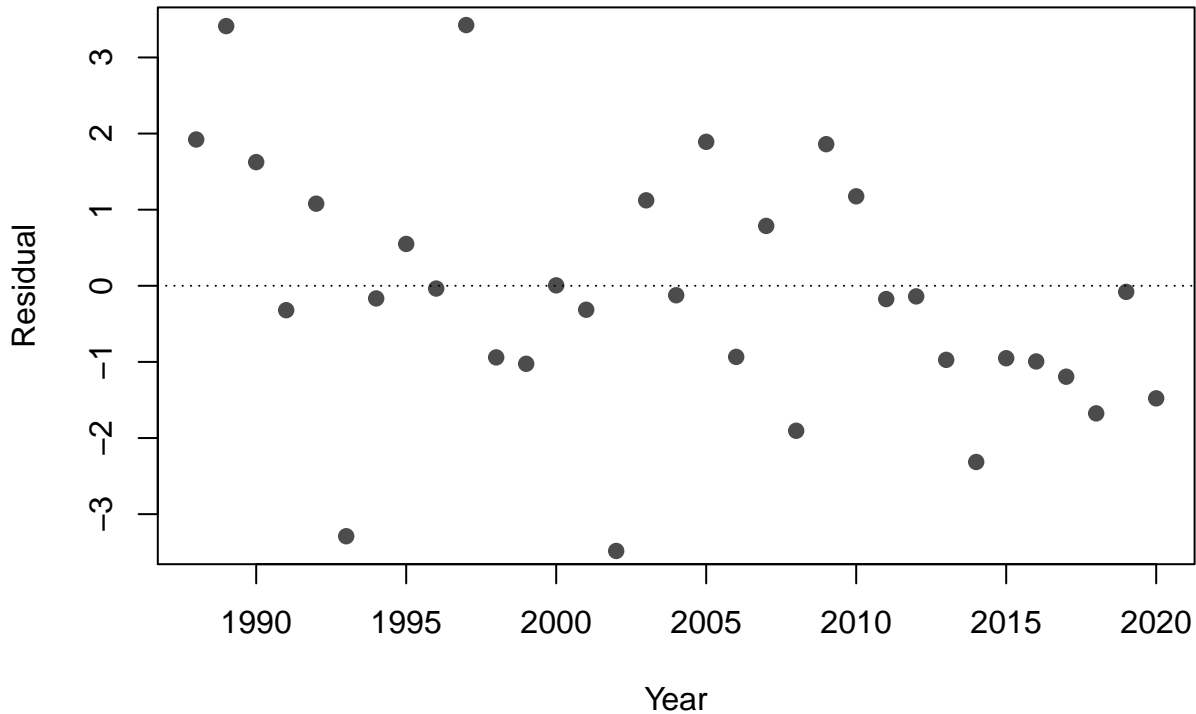


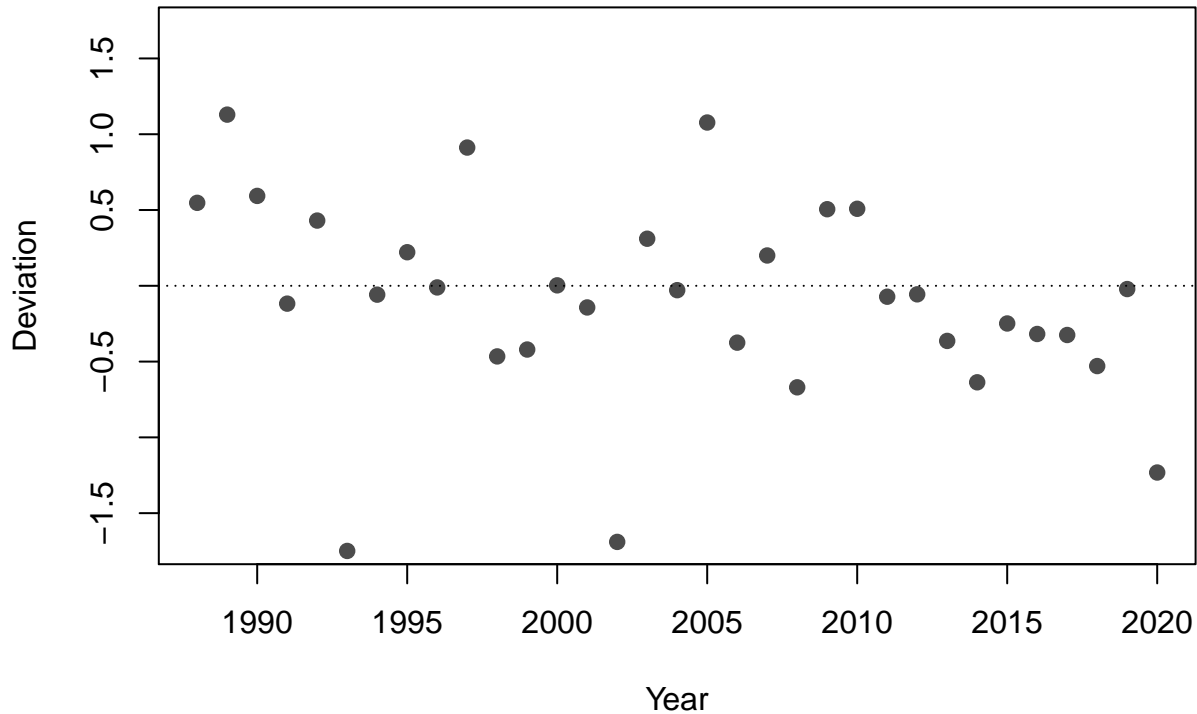




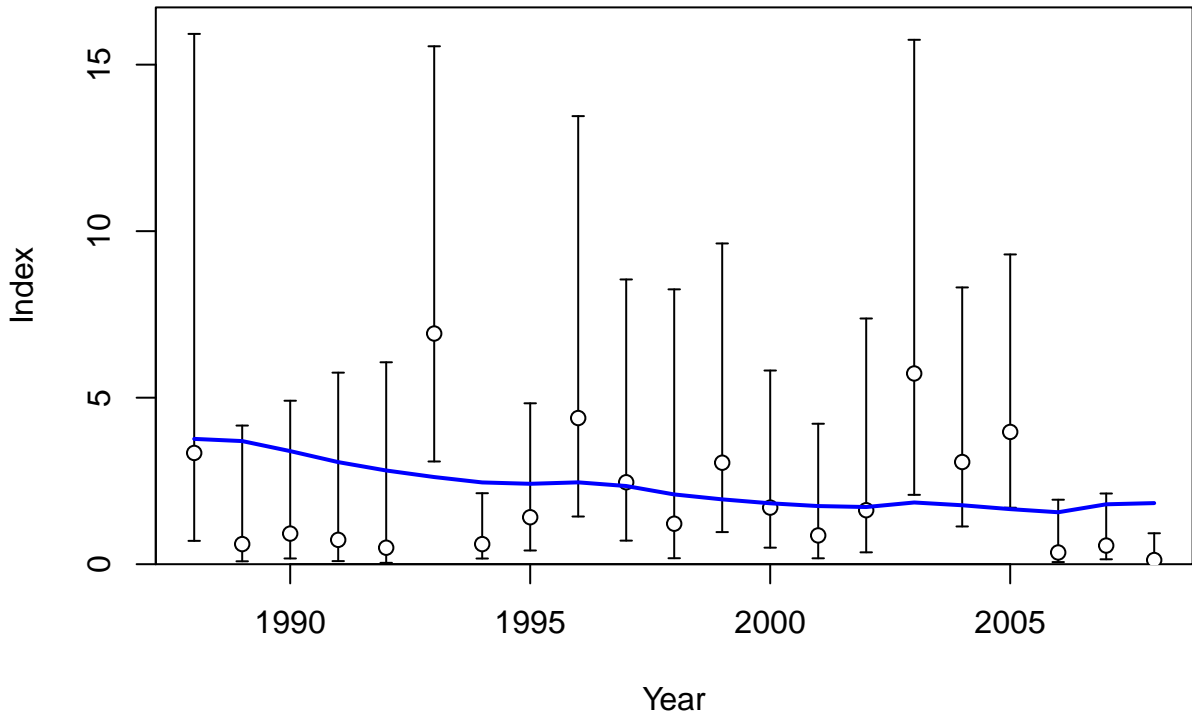


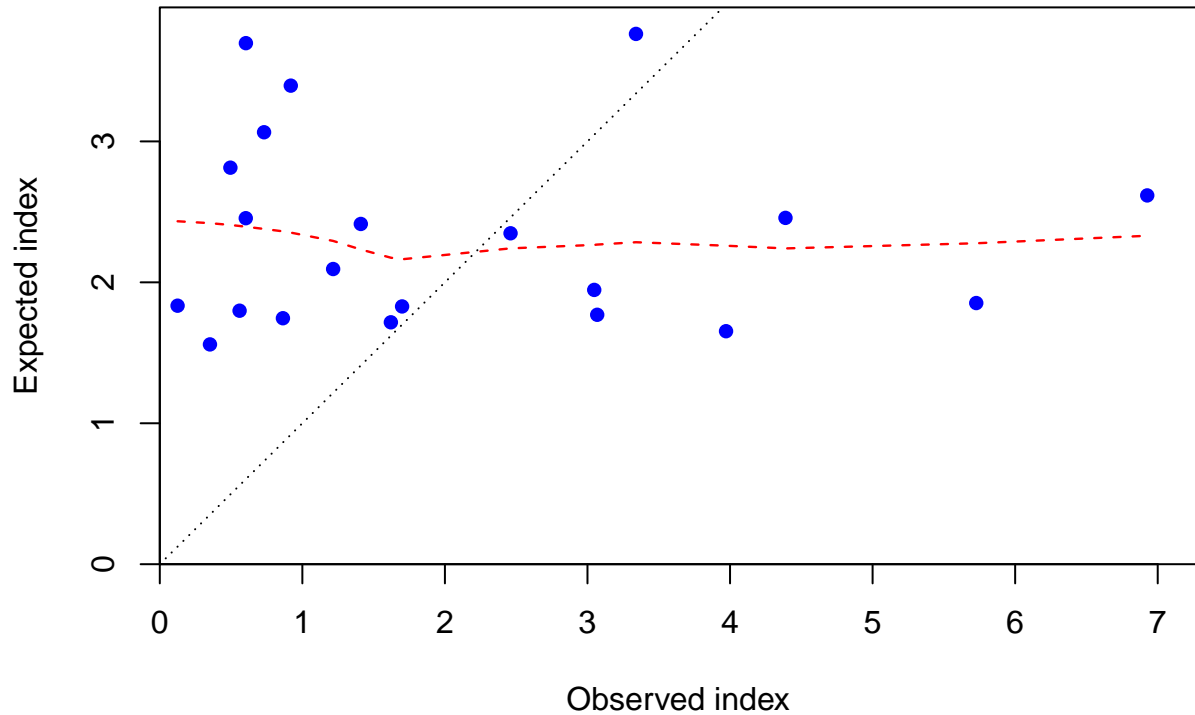










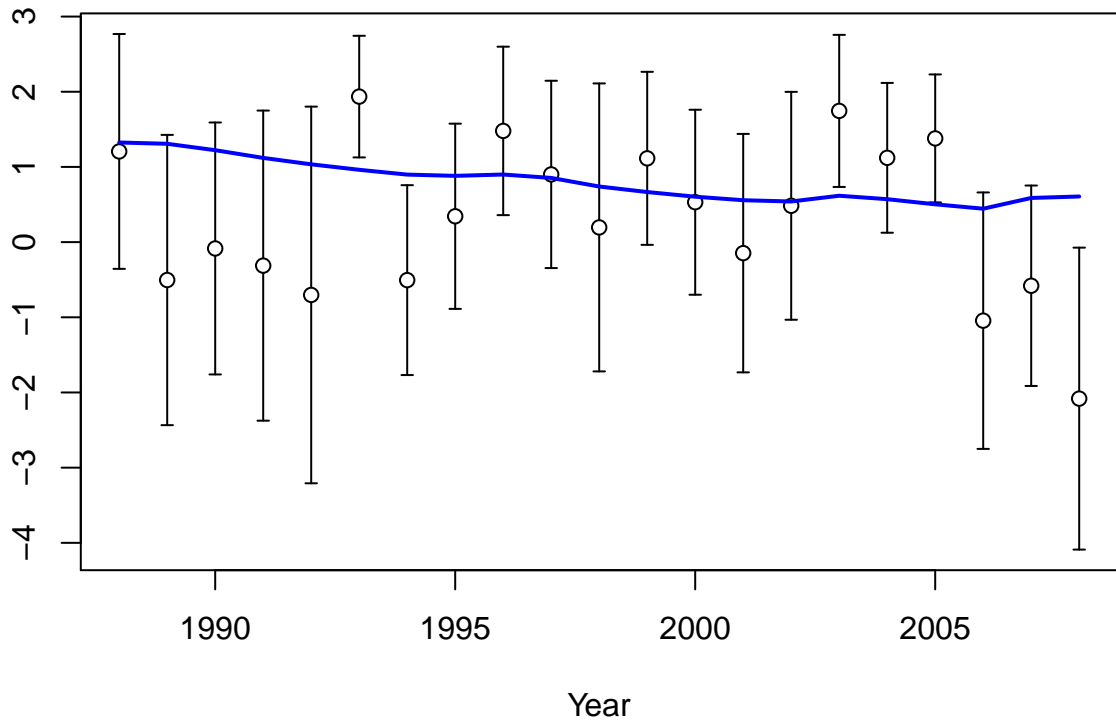


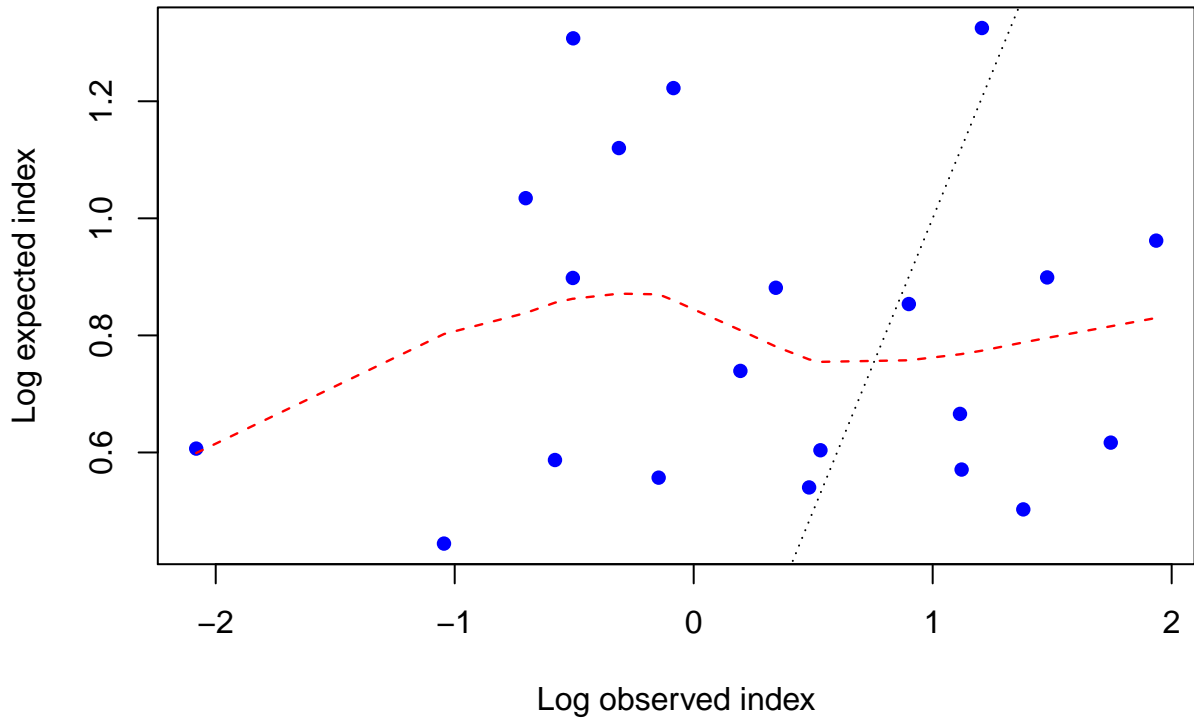


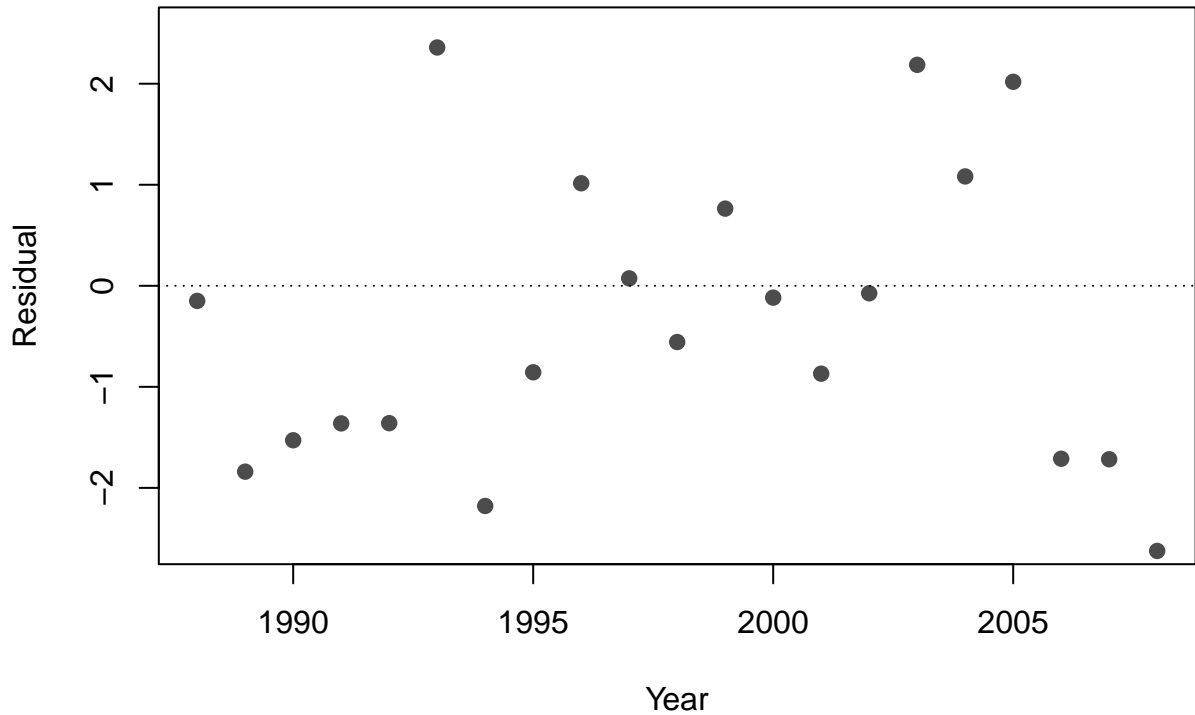
Log index

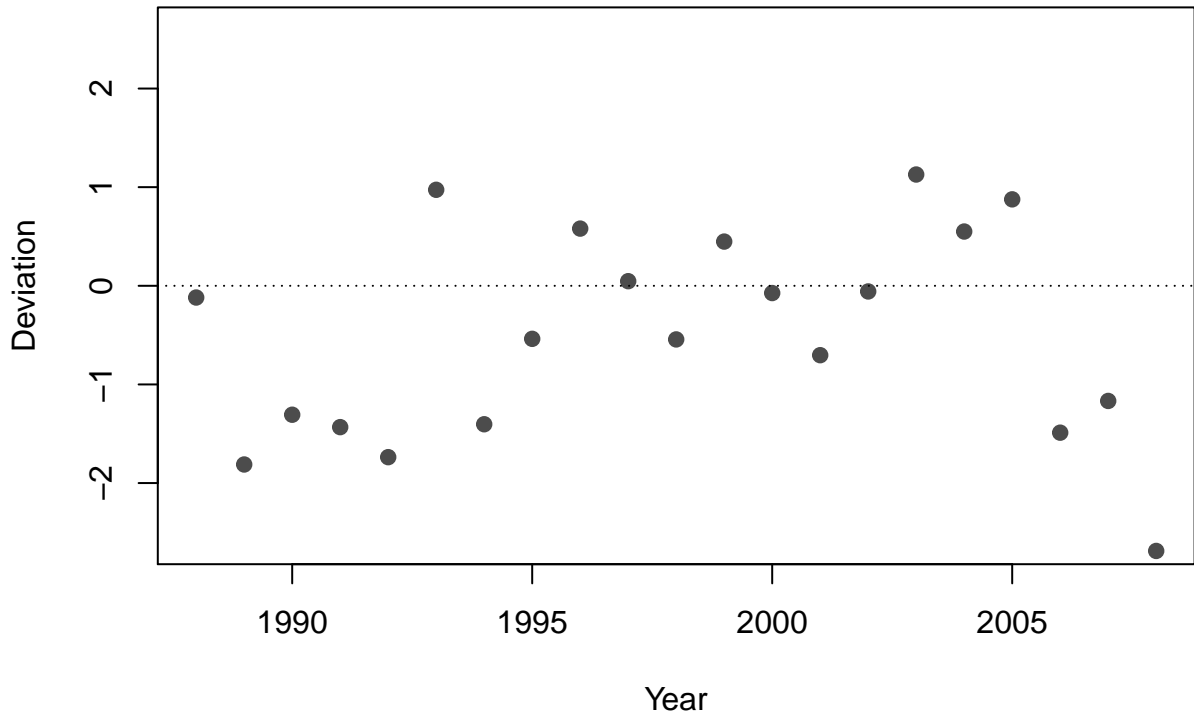


Log index

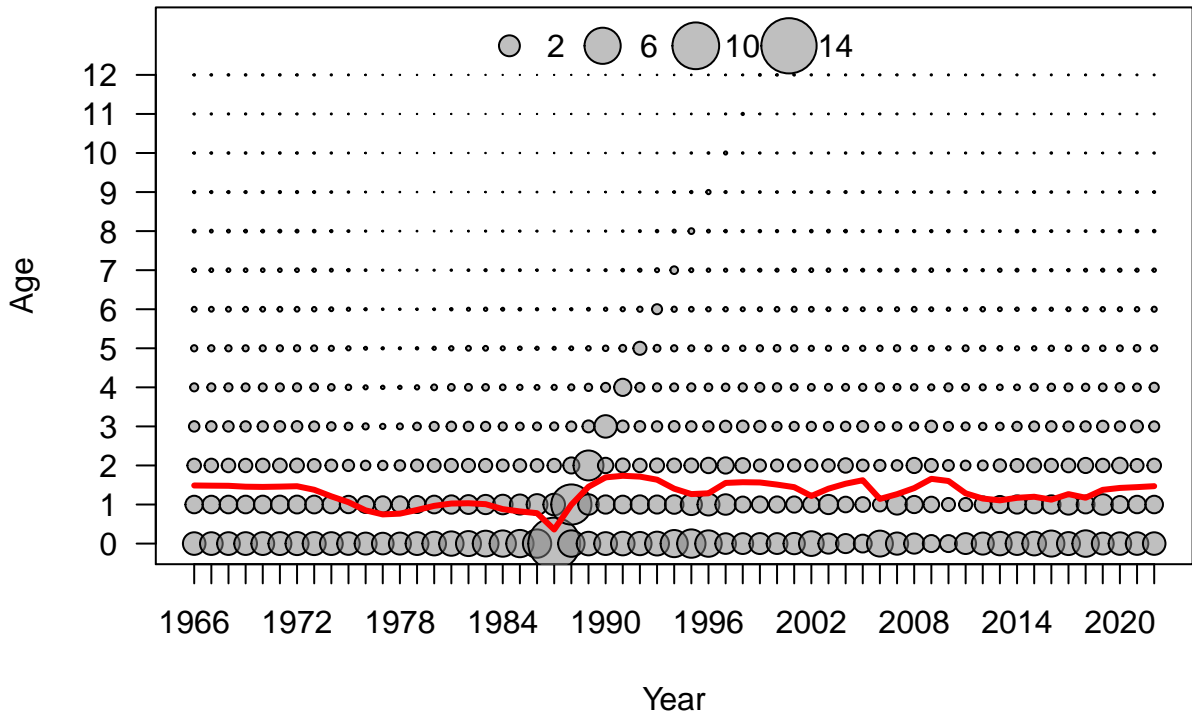




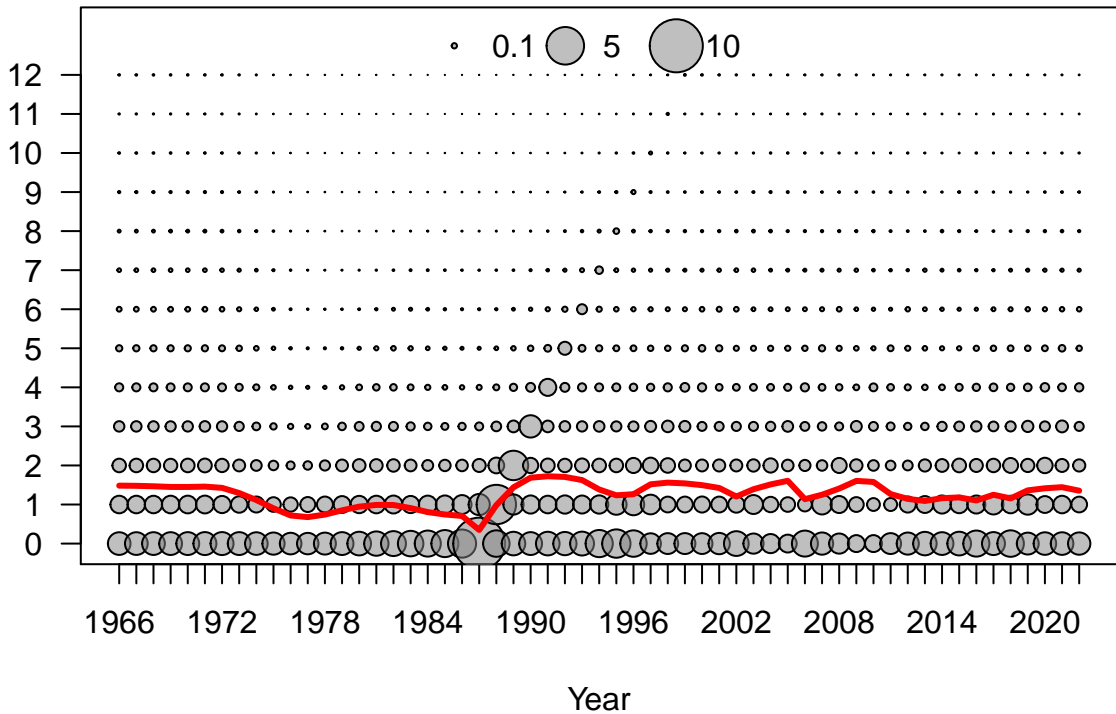




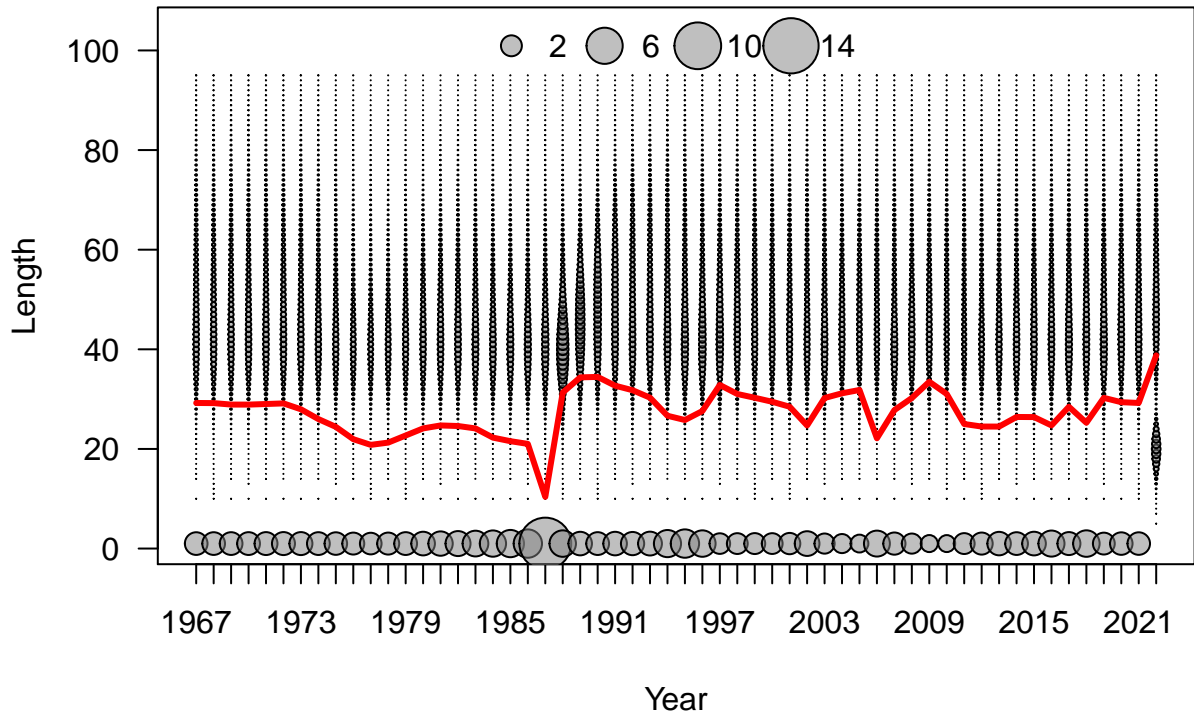


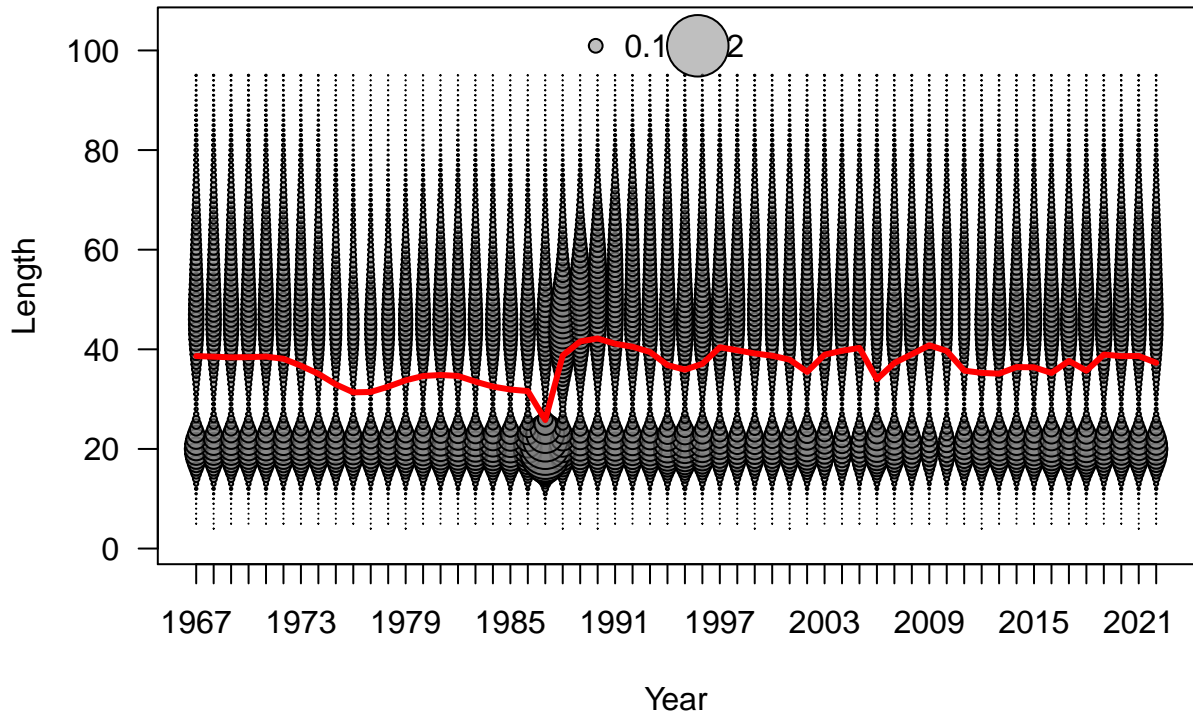


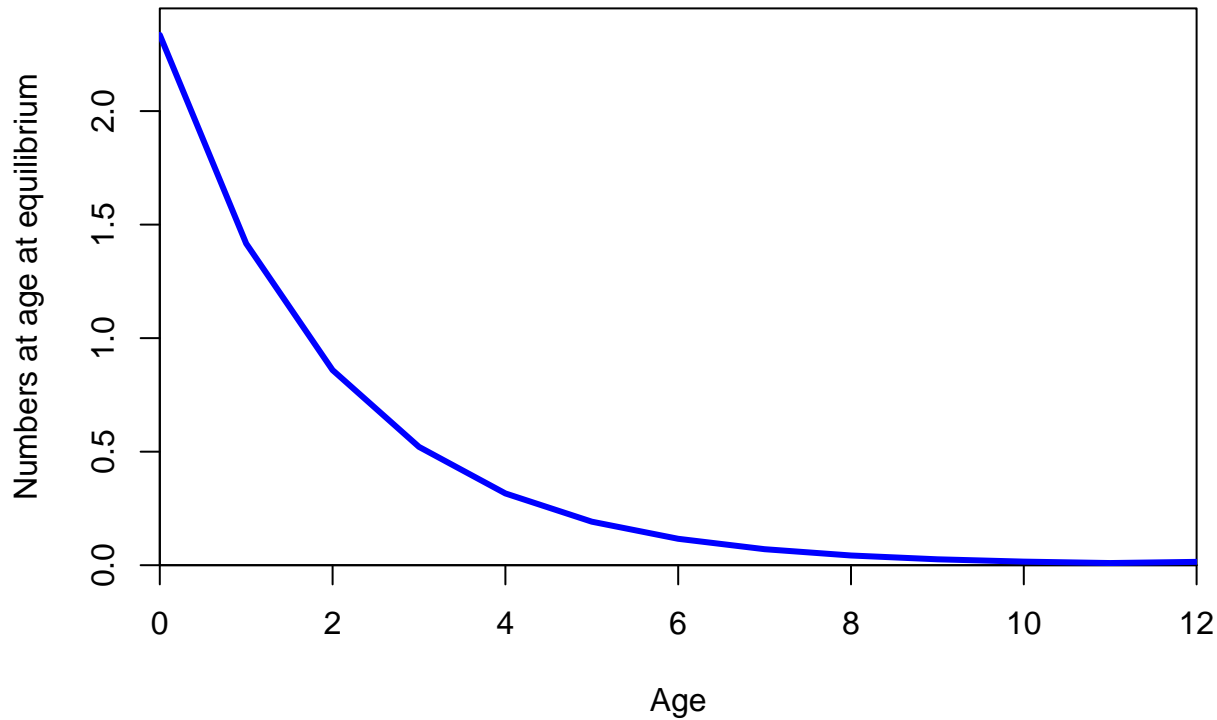
Age





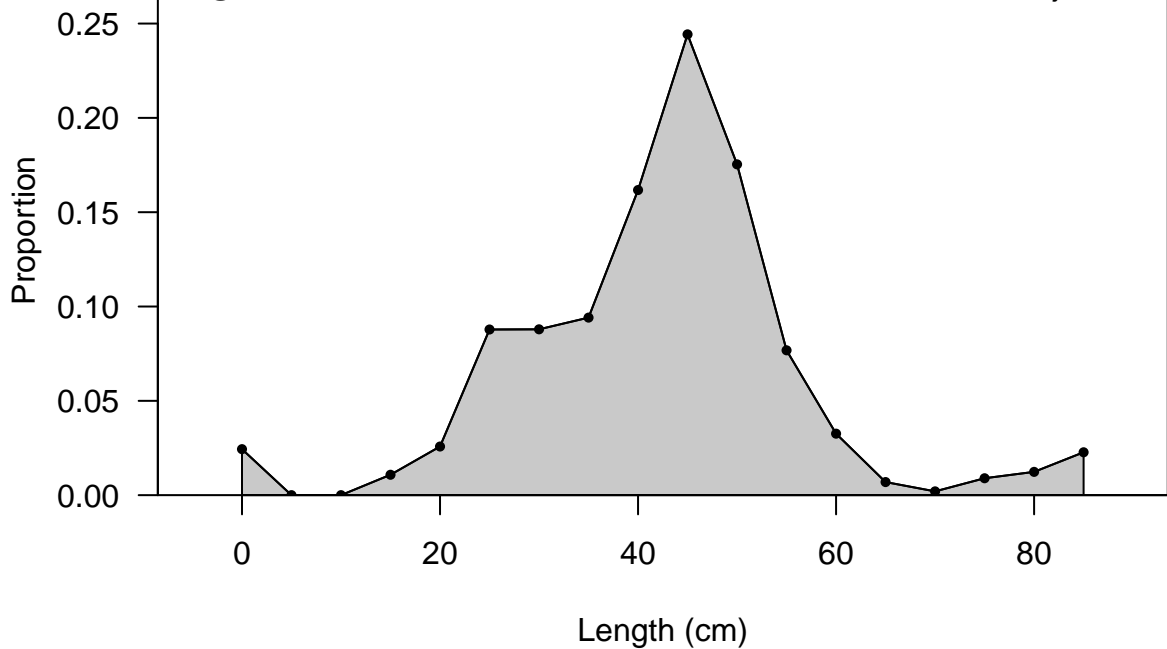


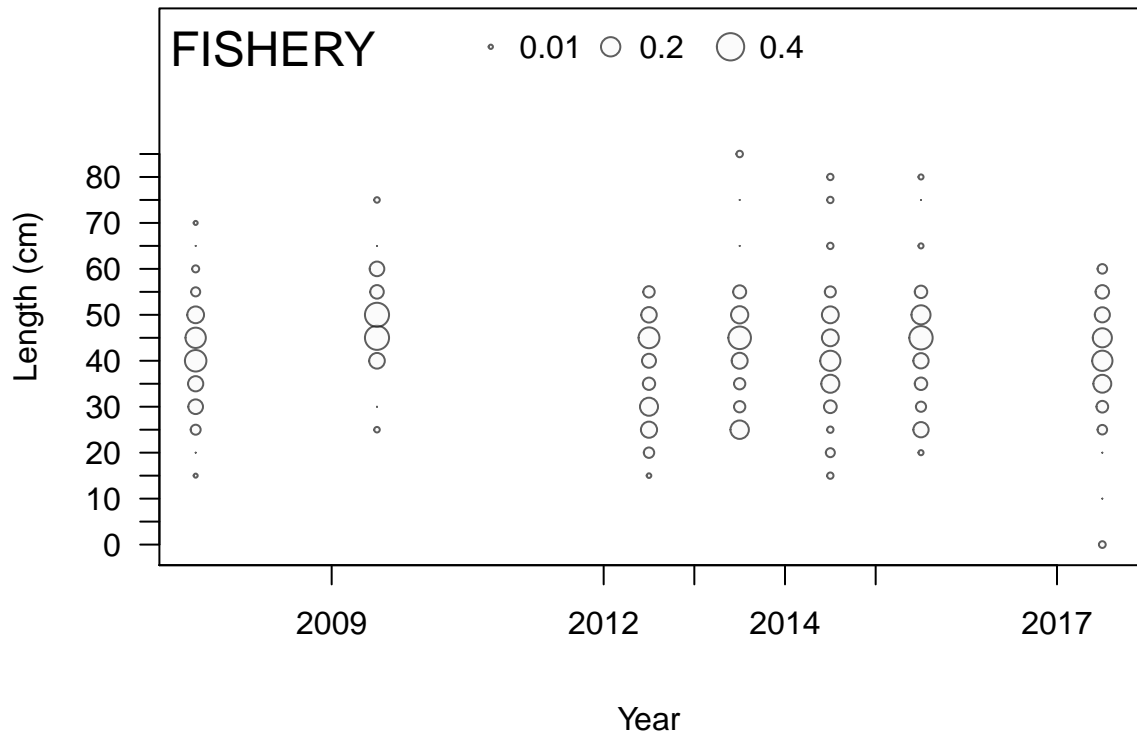




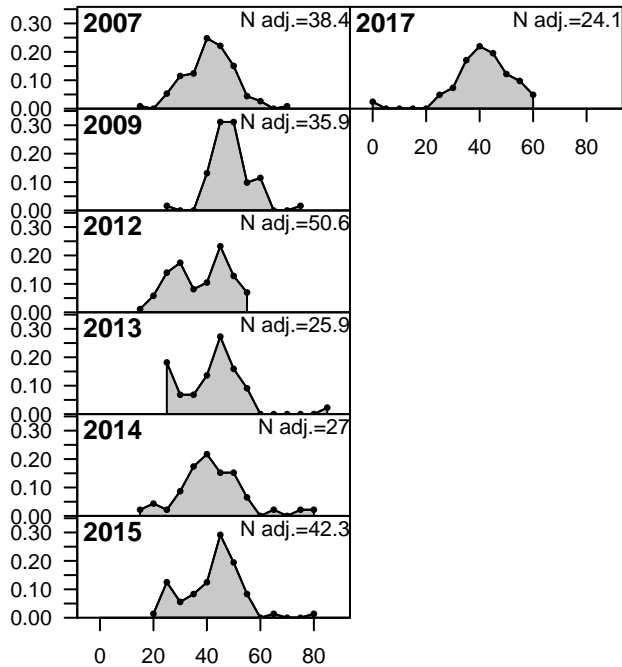
# FISHERY

Sum of N adj.=244.2





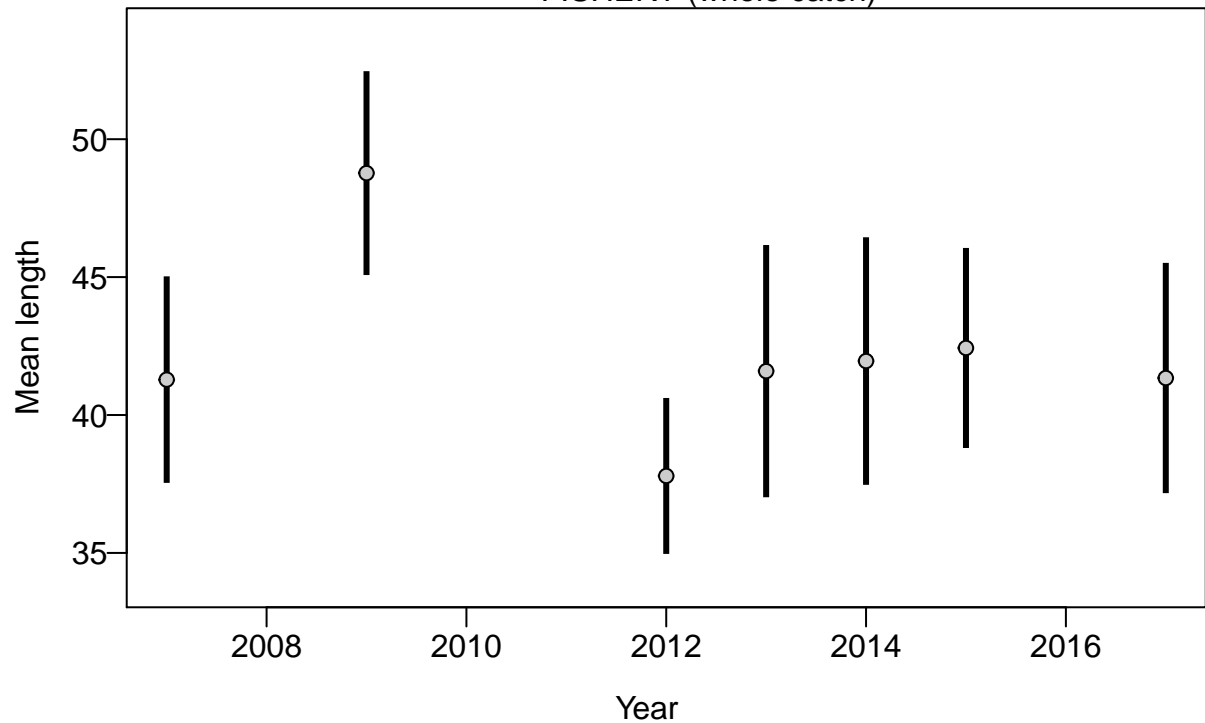
Proportion



Length (cm)



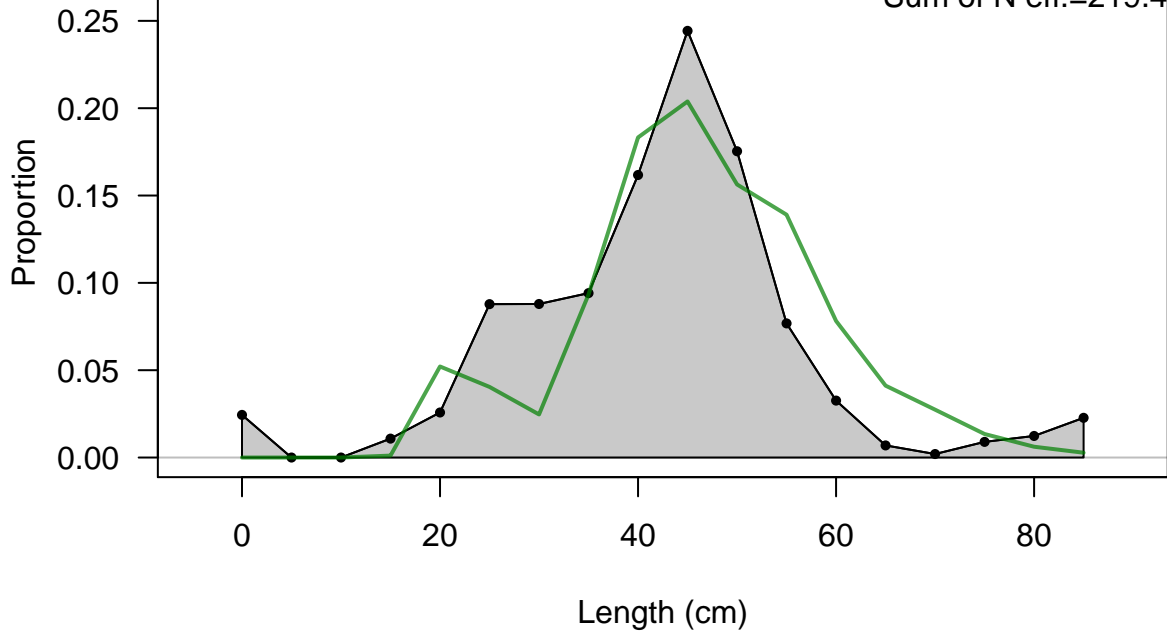
FISHERY (whole catch)

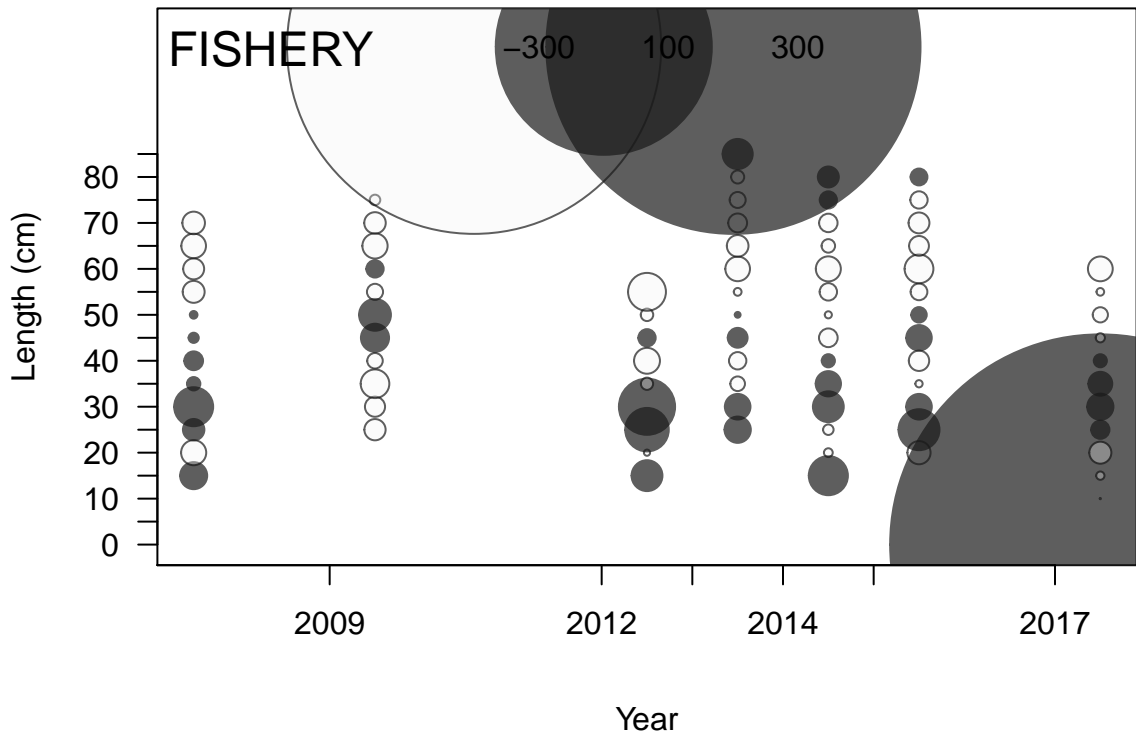




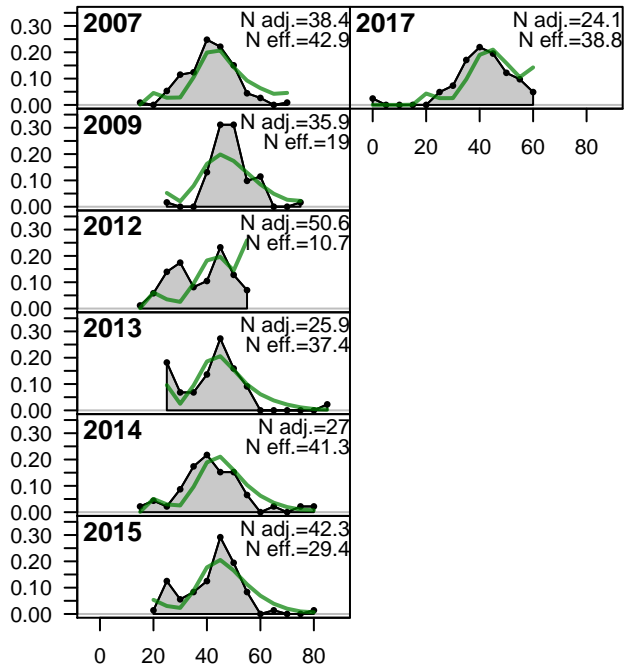
# FISHERY

Sum of N adj.=244.2  
Sum of N eff.=219.4

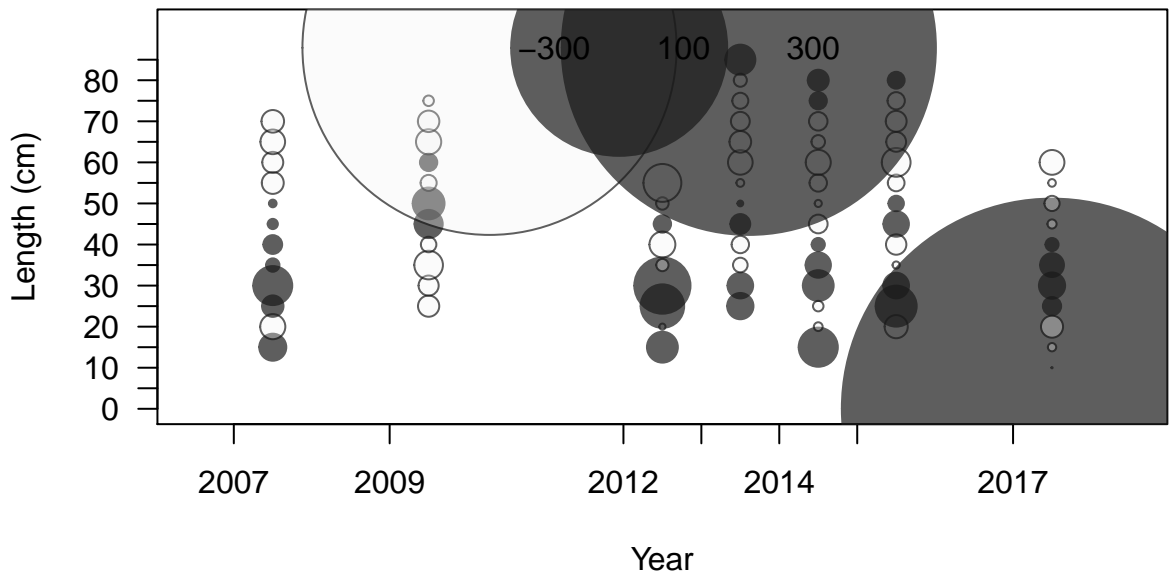




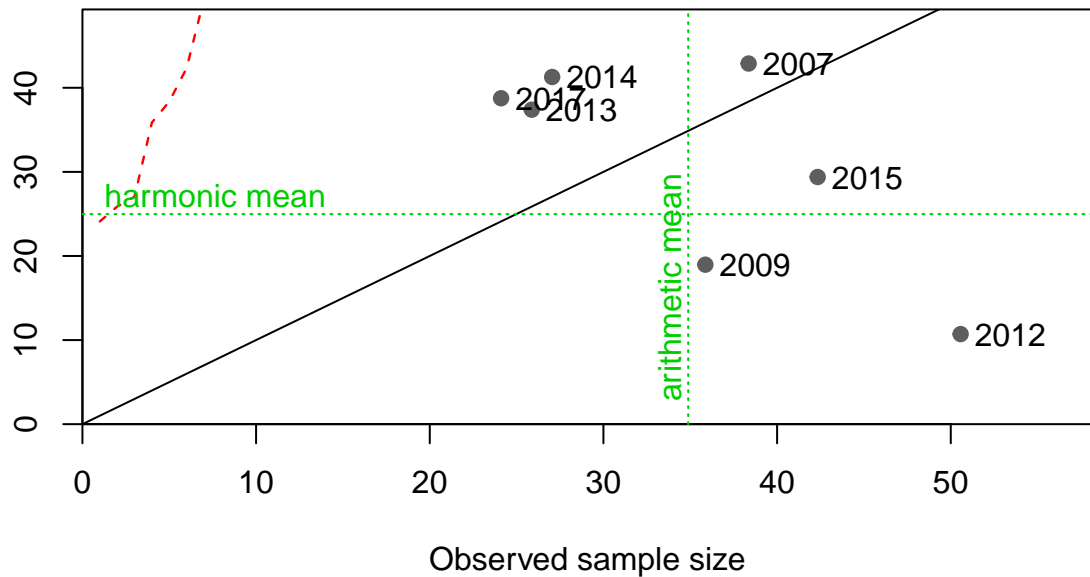
Proportion



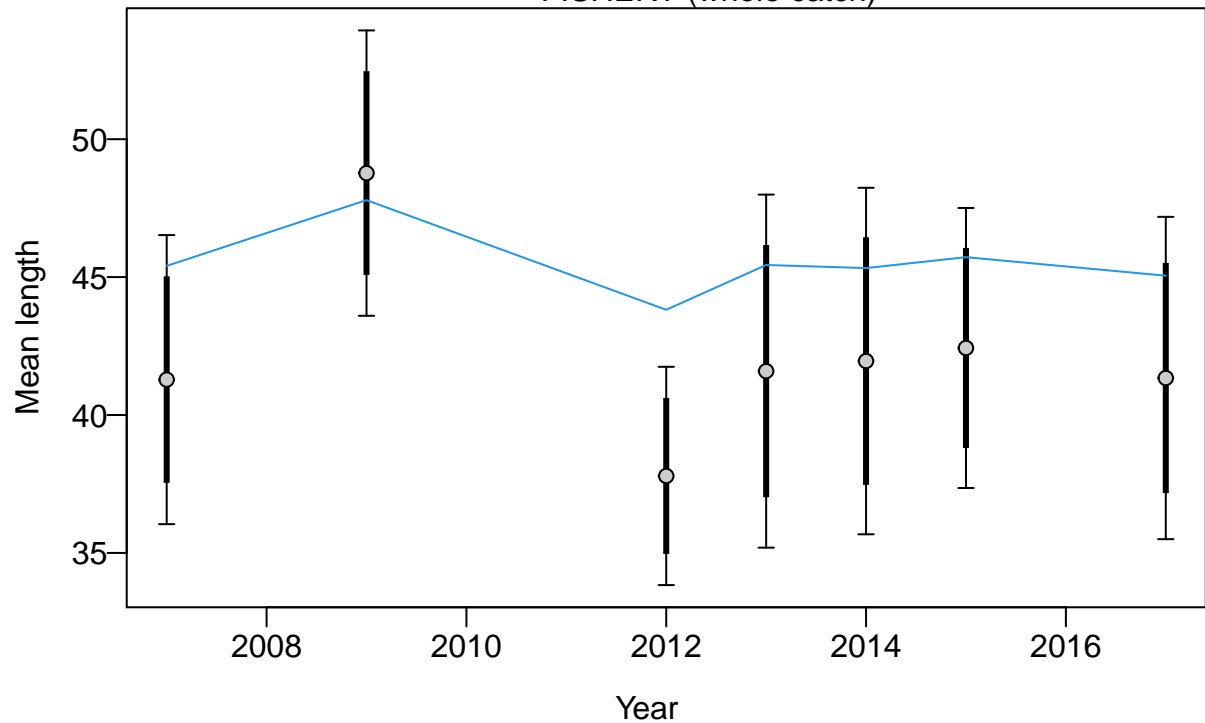
Length (cm)

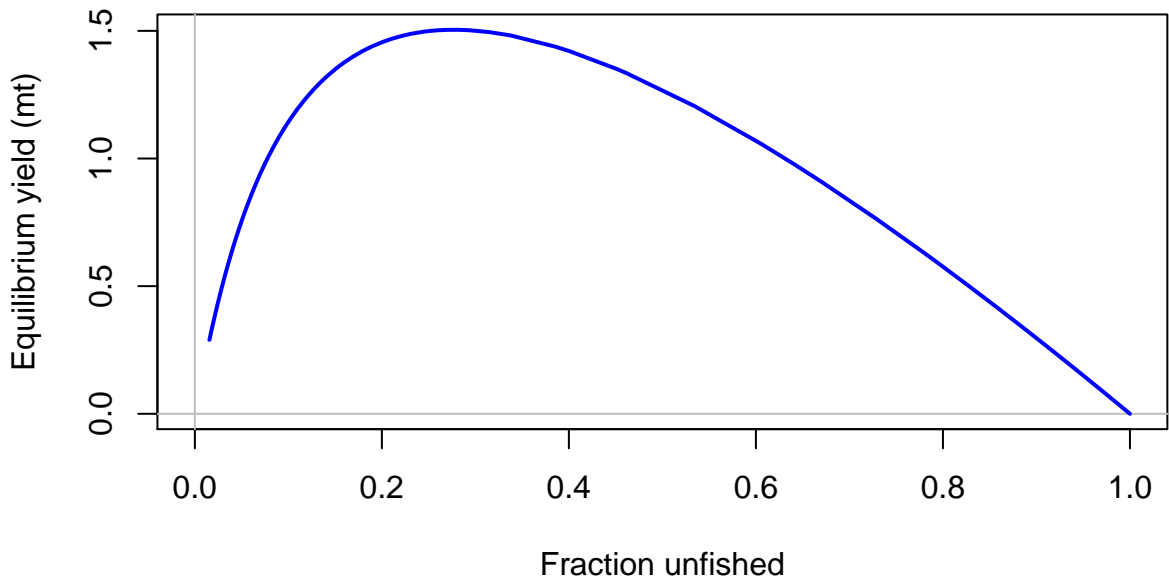


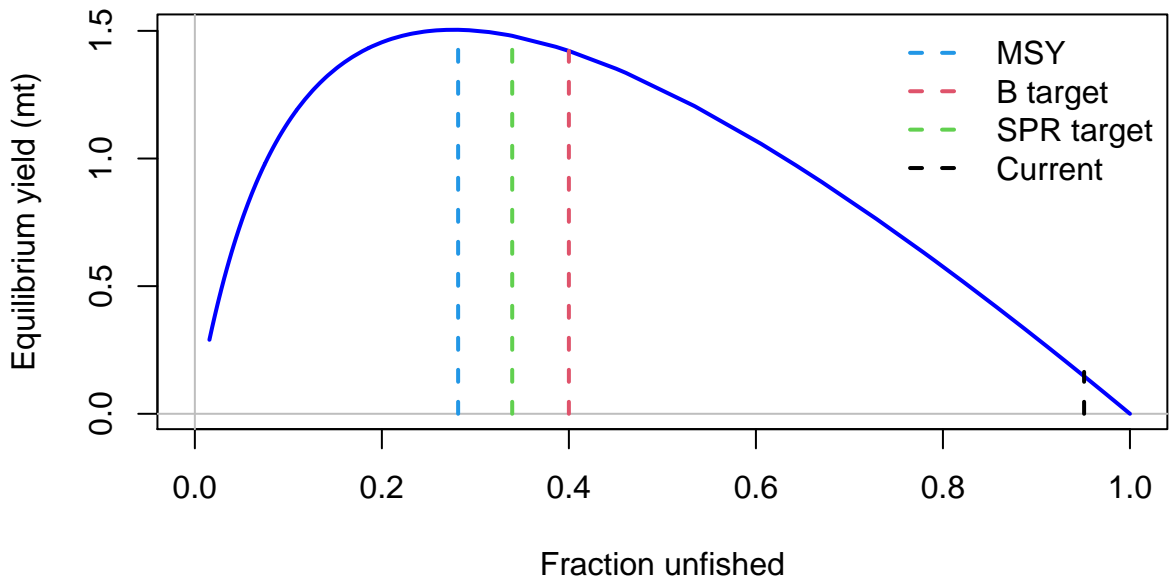
Effective sample size



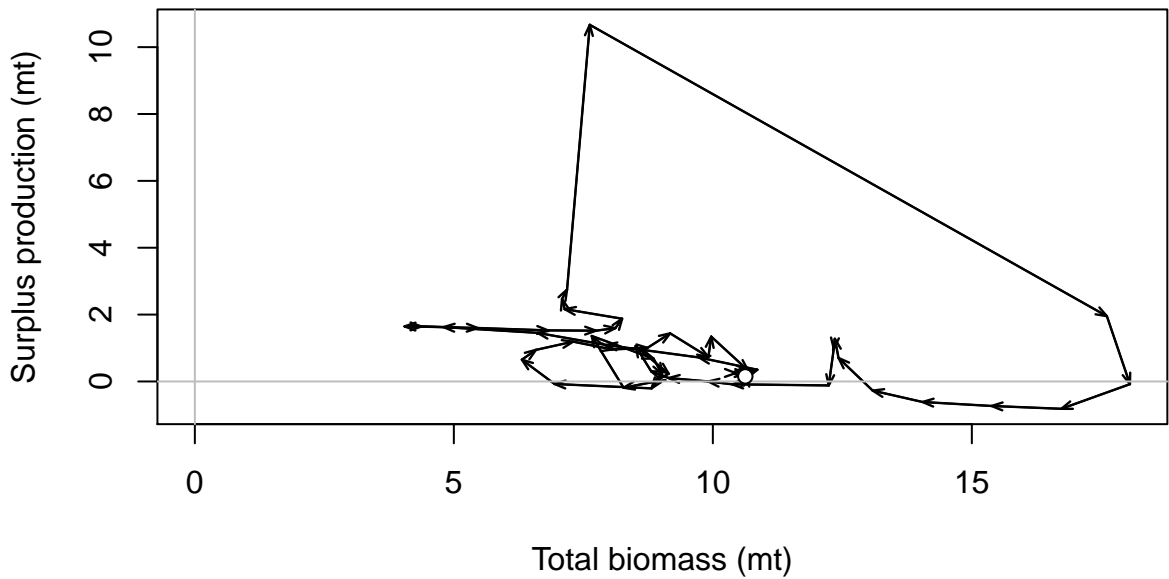
FISHERY (whole catch)

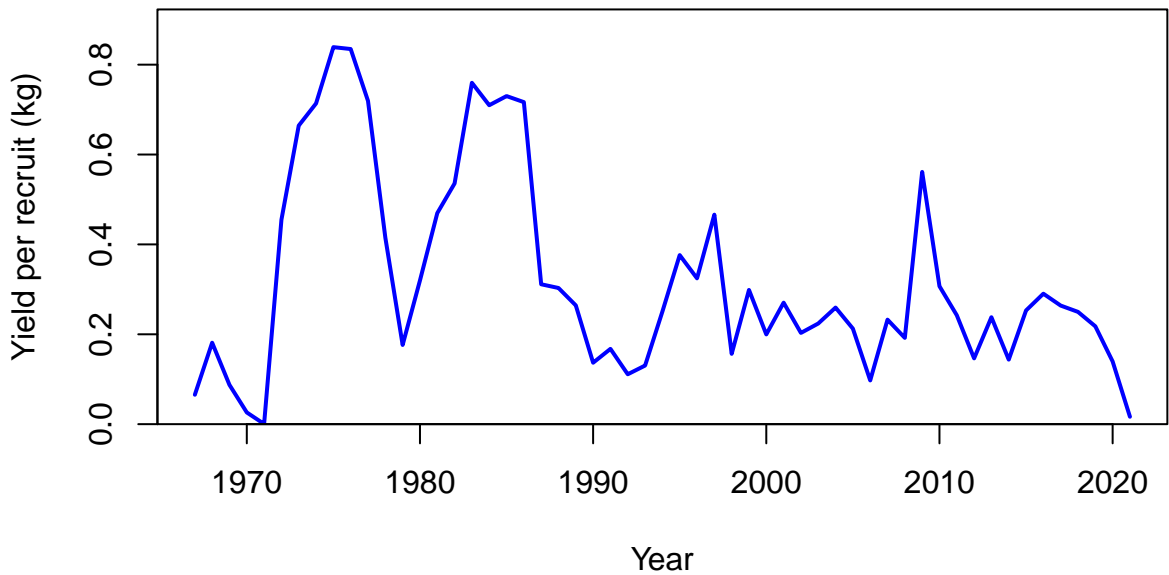


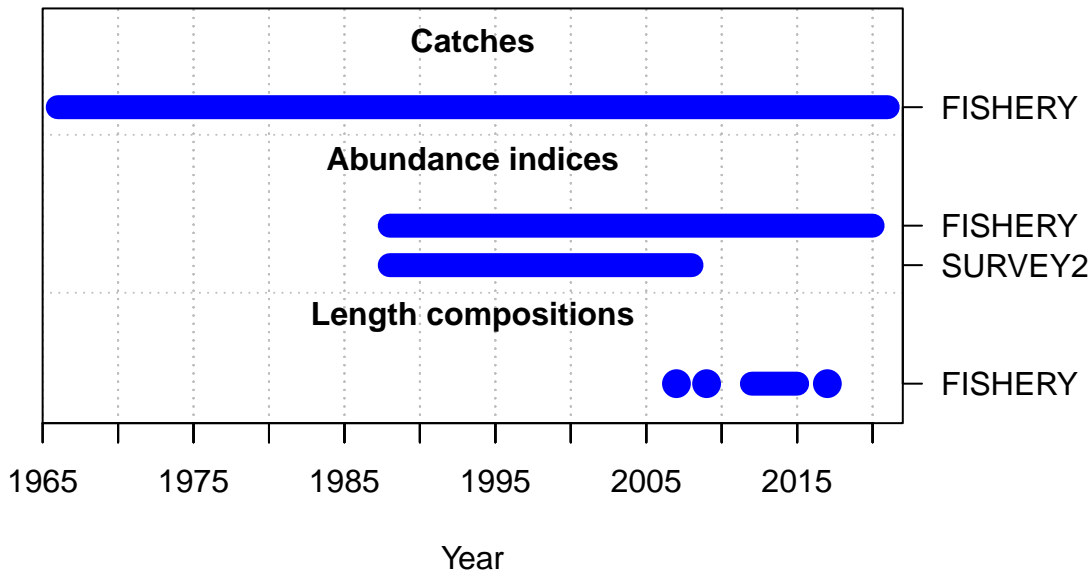


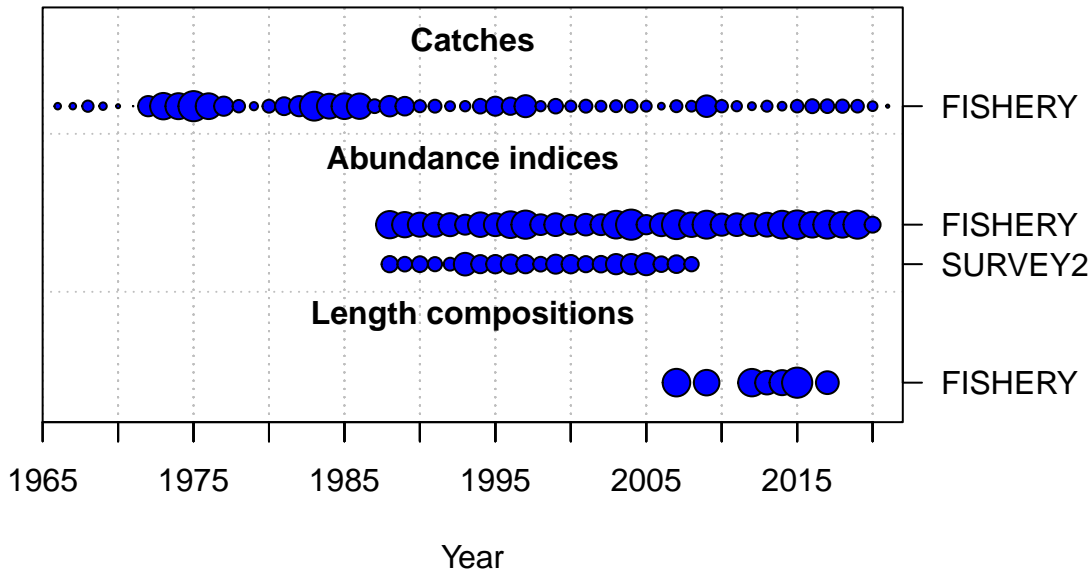




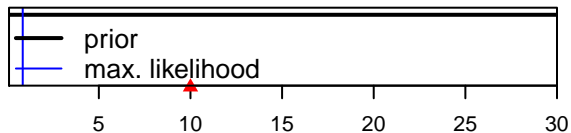




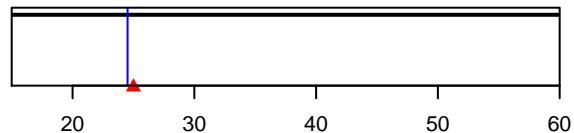




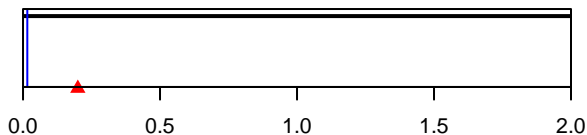
SR\_LN(R0)



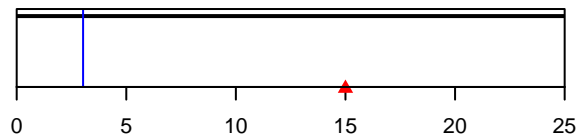
Size\_inflection\_FISHERY(1)



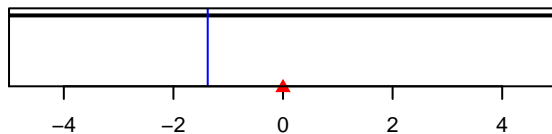
InitF\_seas\_1\_flt\_1FISHERY



Size\_95%width\_FISHERY(1)



LnQ\_base\_FISHERY(1)



LnQ\_base\_SURVEY2(2)

