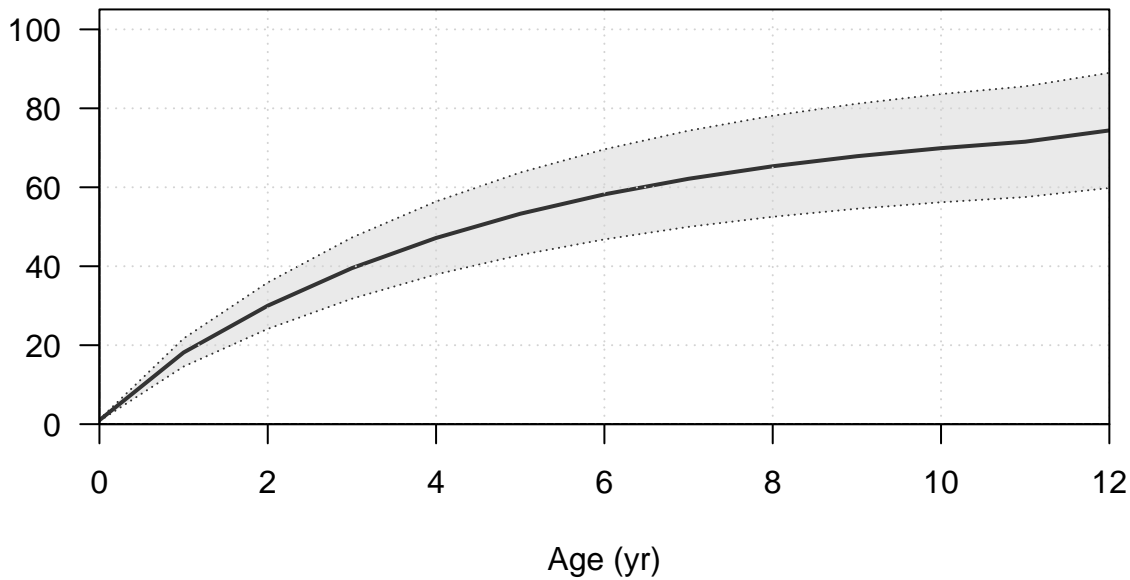
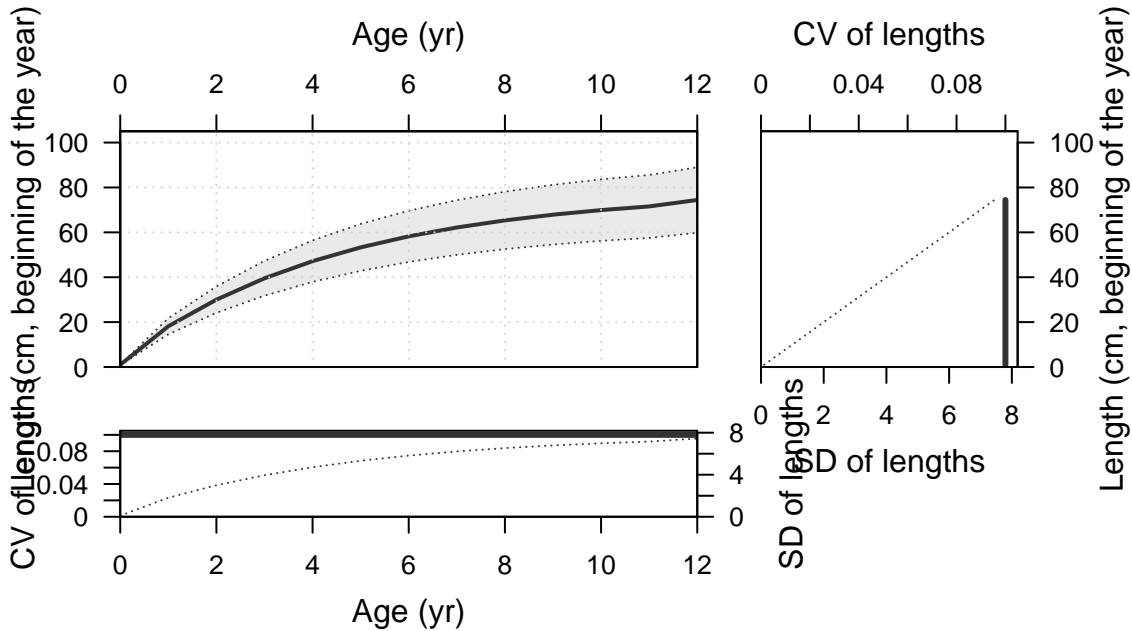
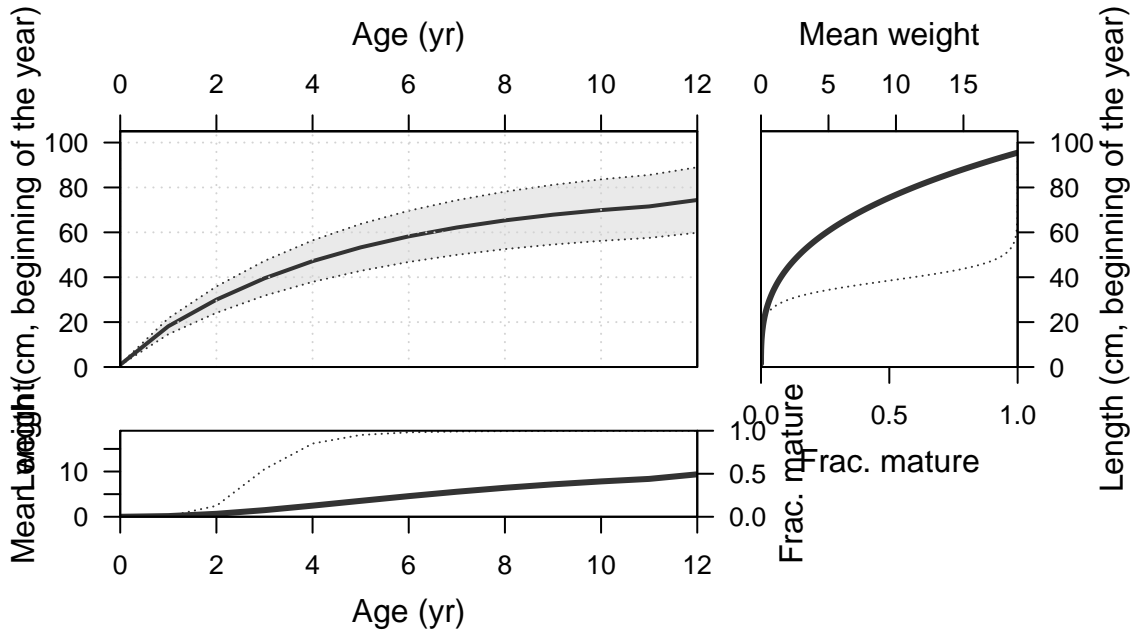


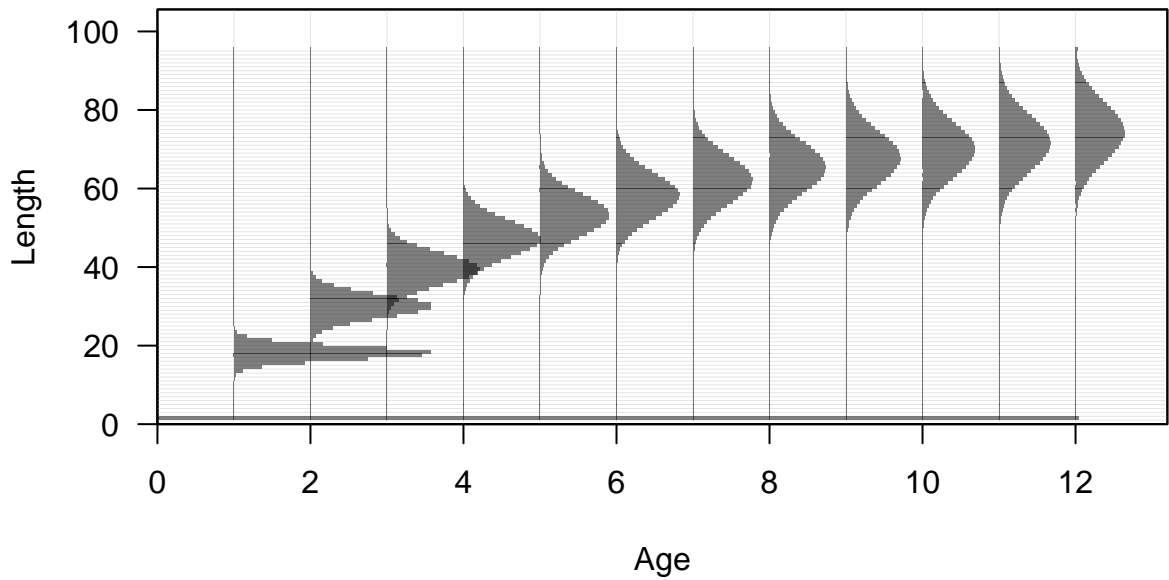
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Tue Jul 12 07:59:16 2022
Data_File: data.ss
Control_File: control.ss

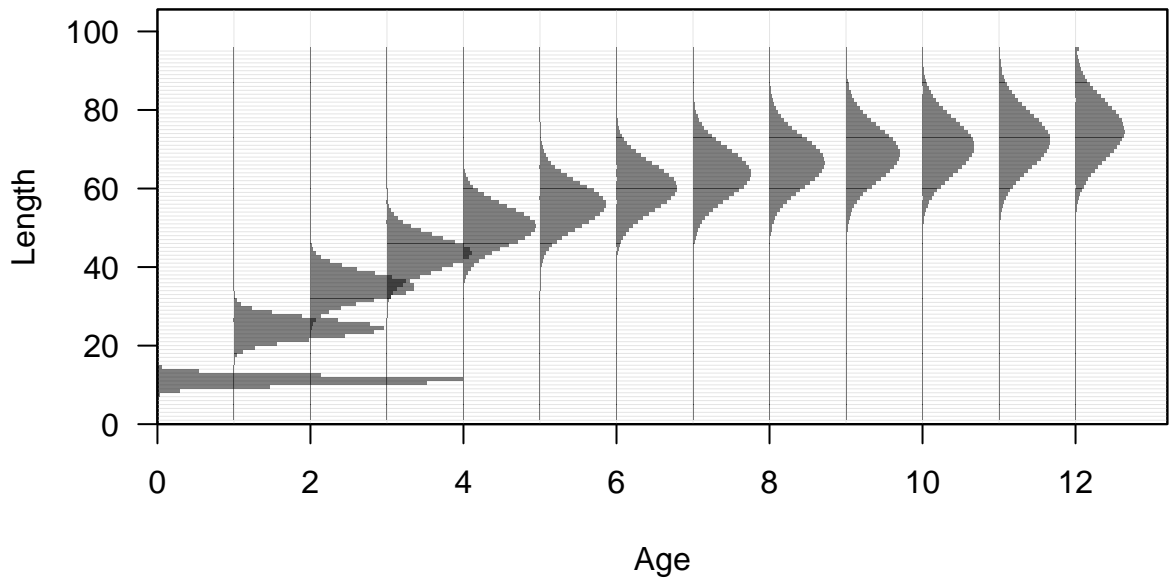
Length (cm, beginning of the year)

















Fecundity

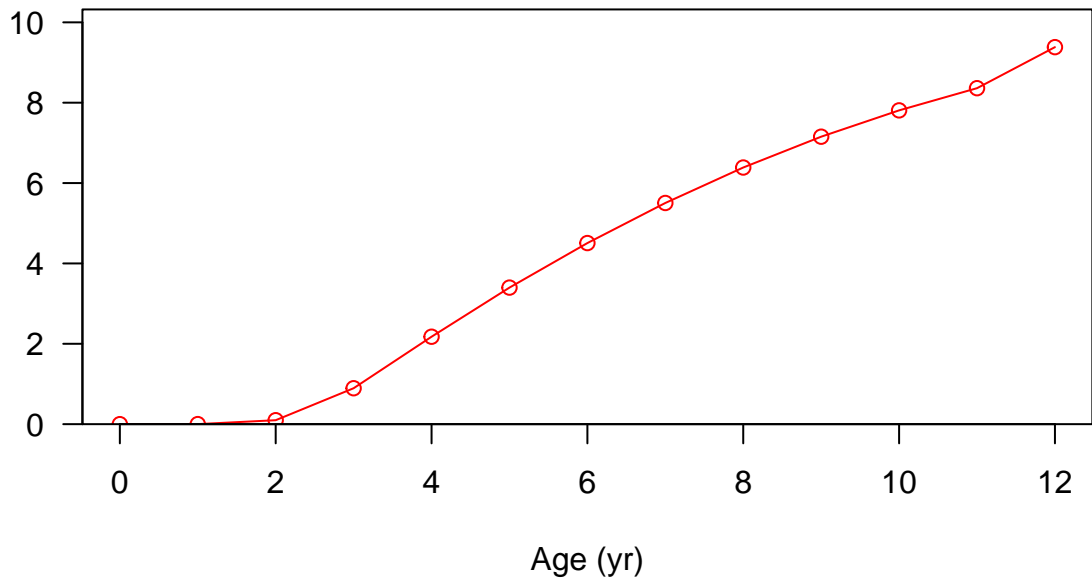




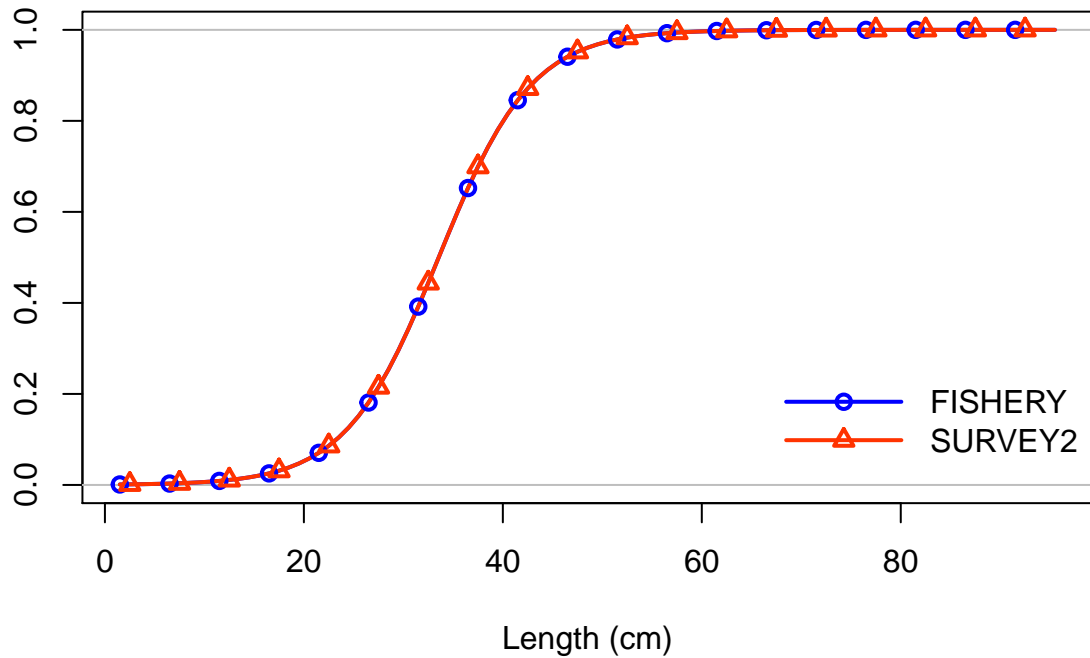
Spawning output



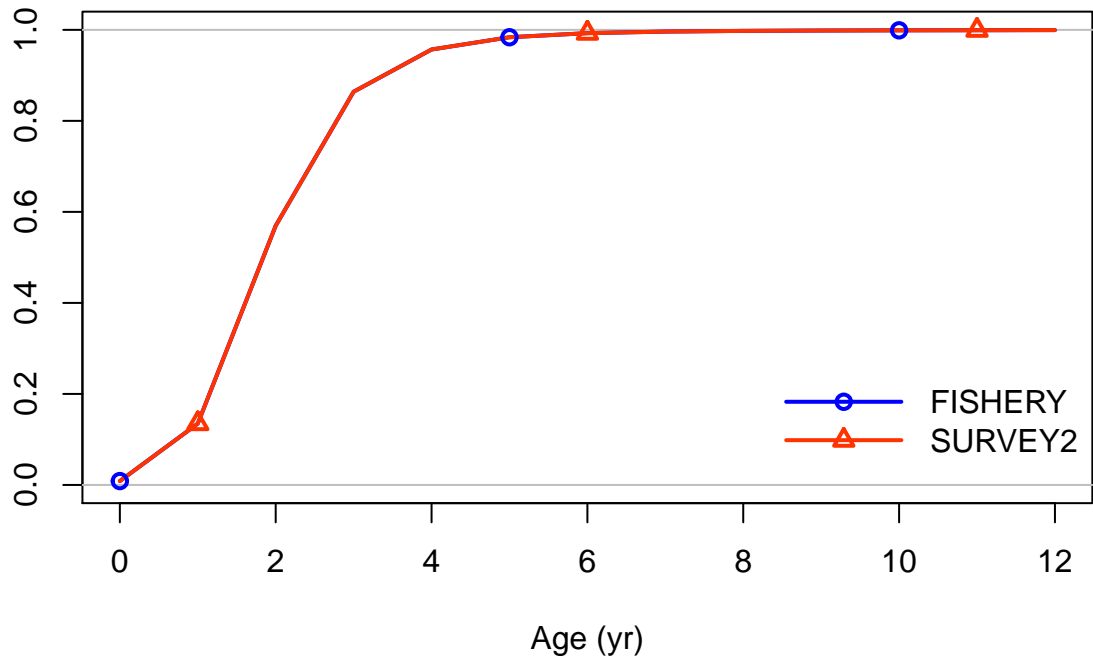
Spawning output



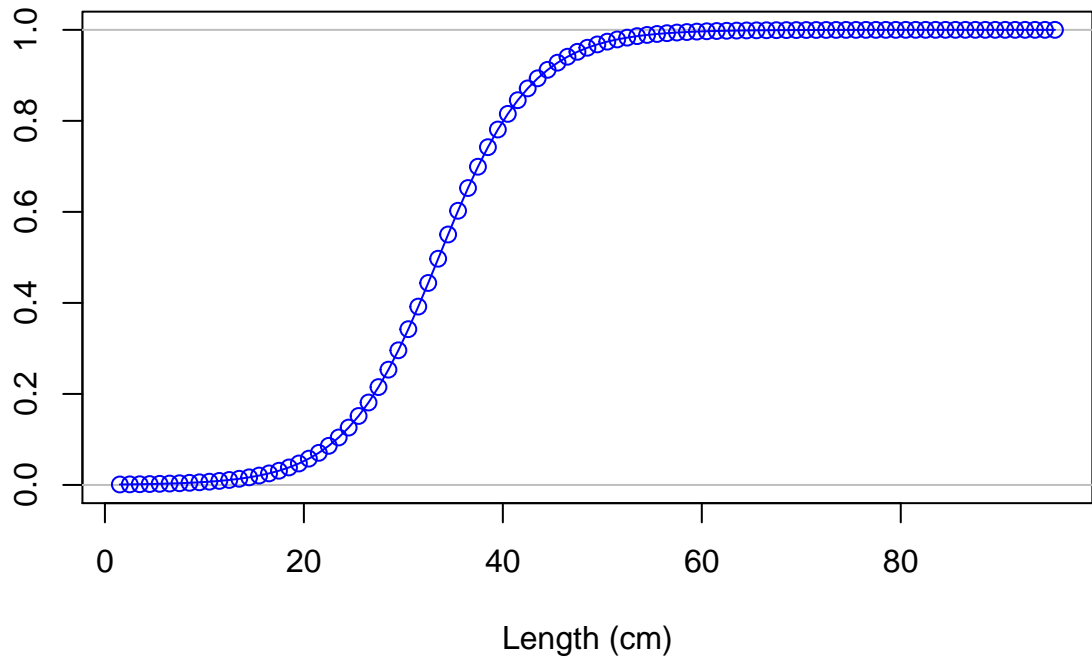
Selectivity



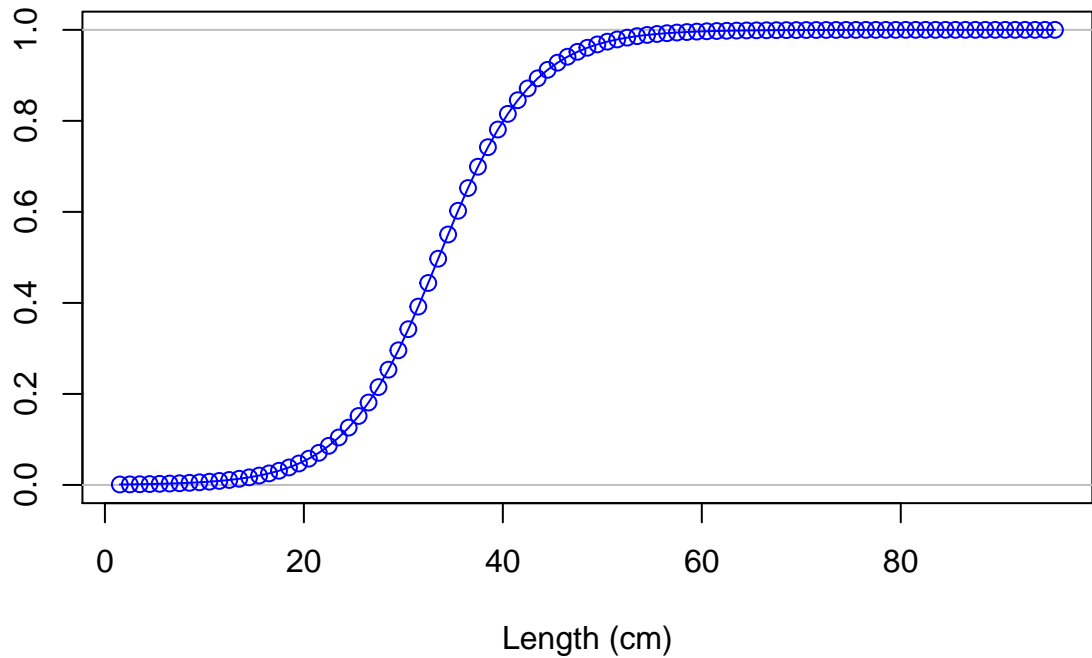
Selectivity

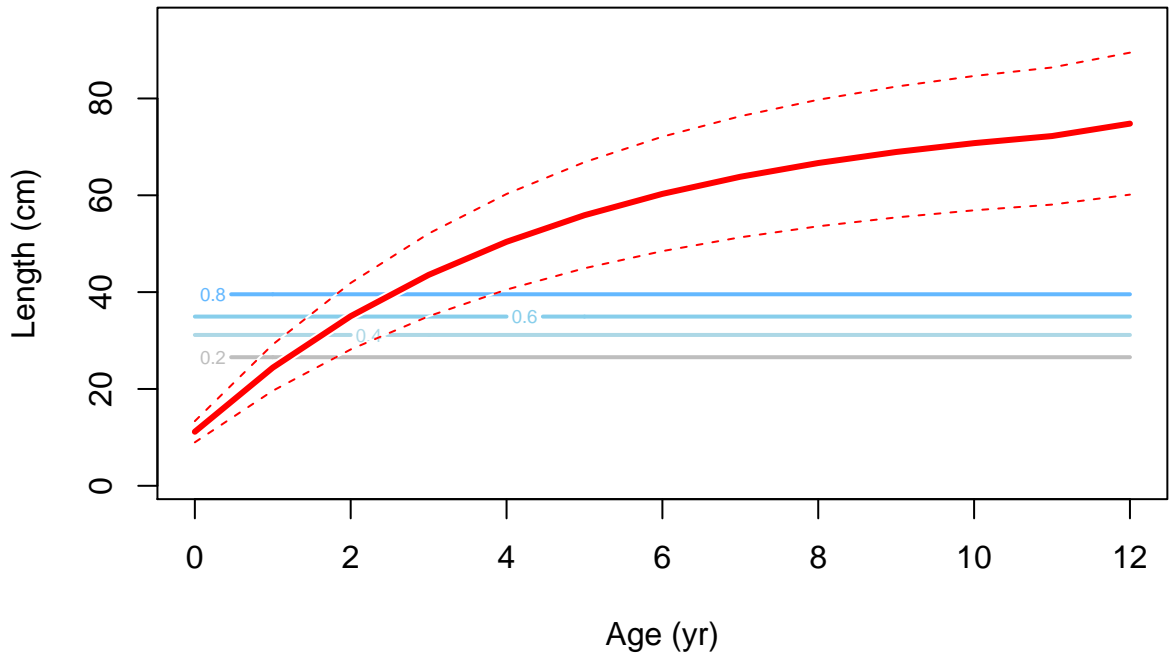


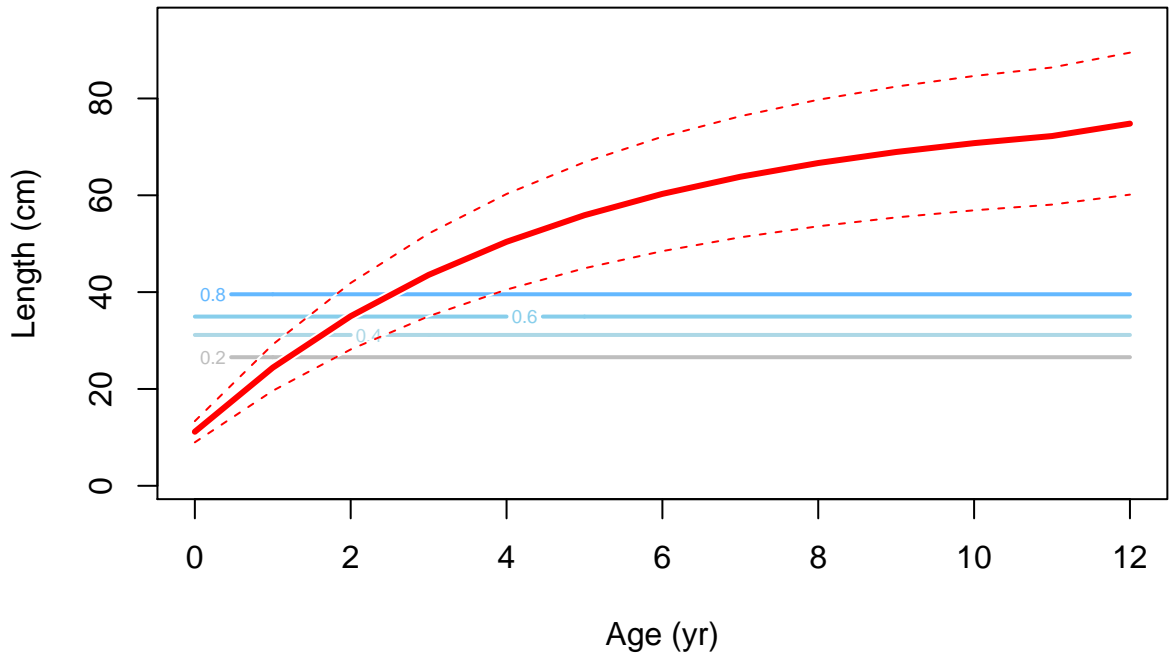
Selectivity



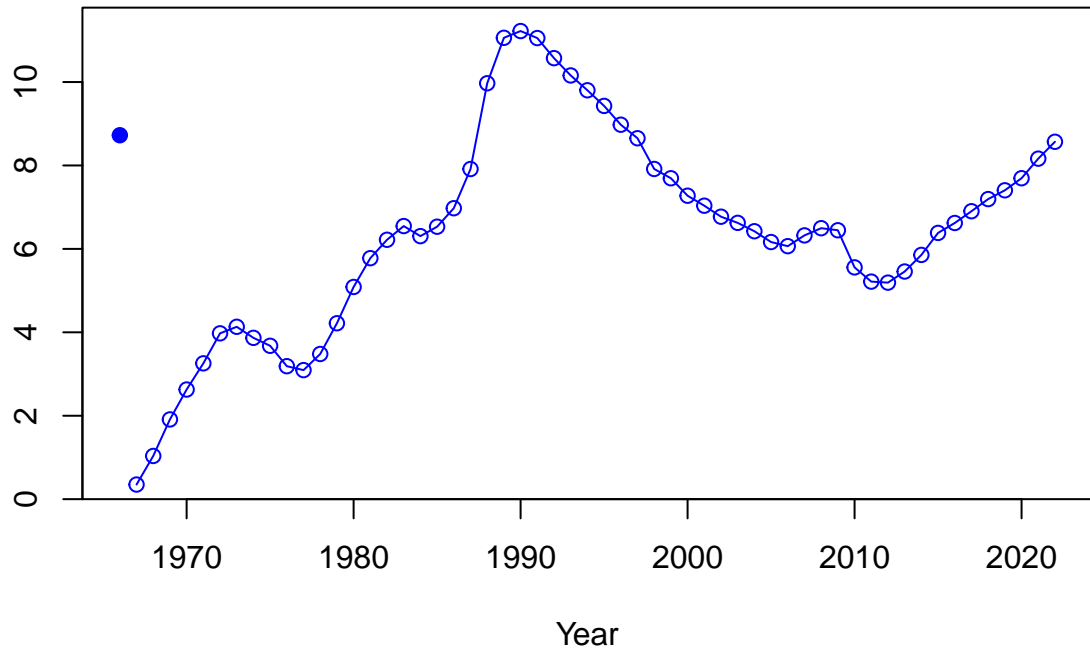
Selectivity



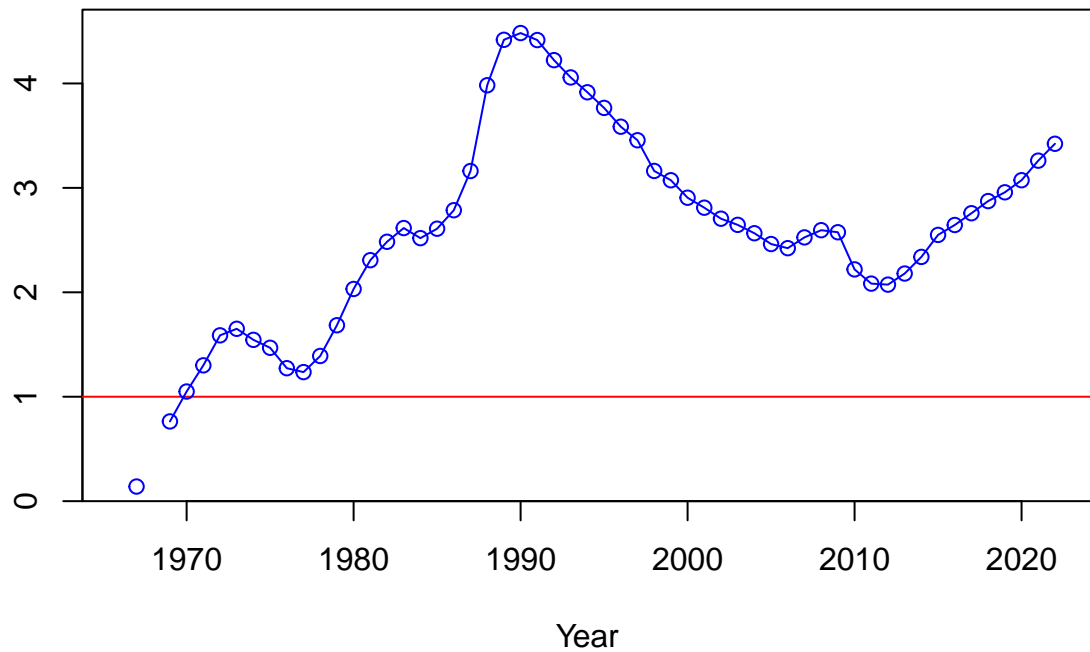


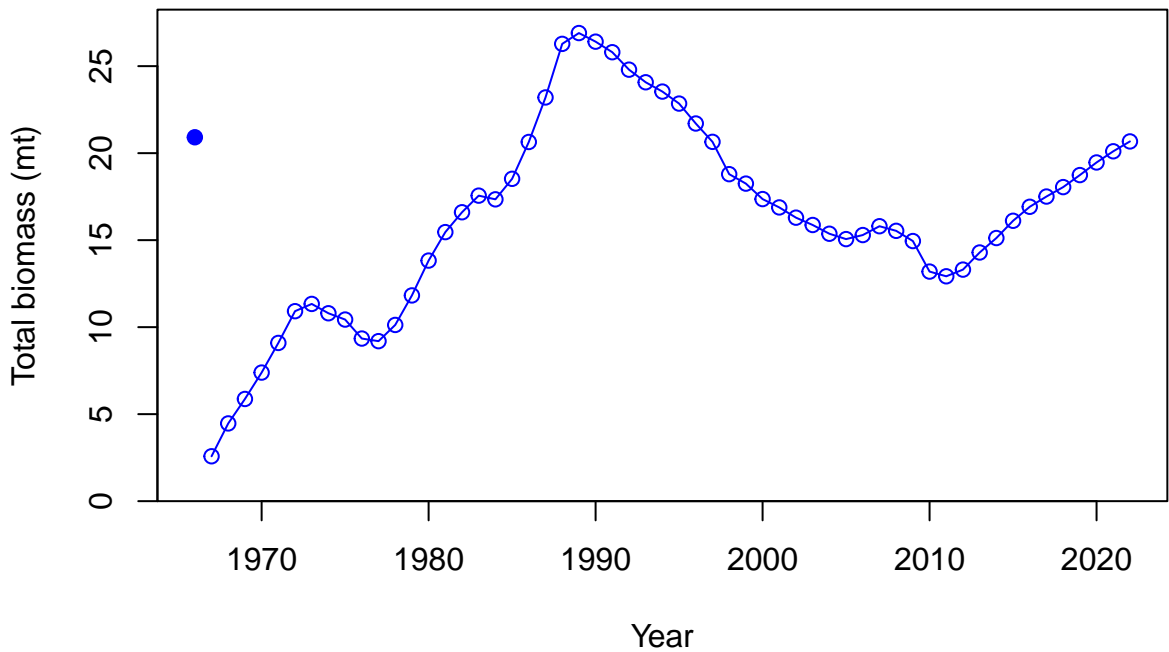


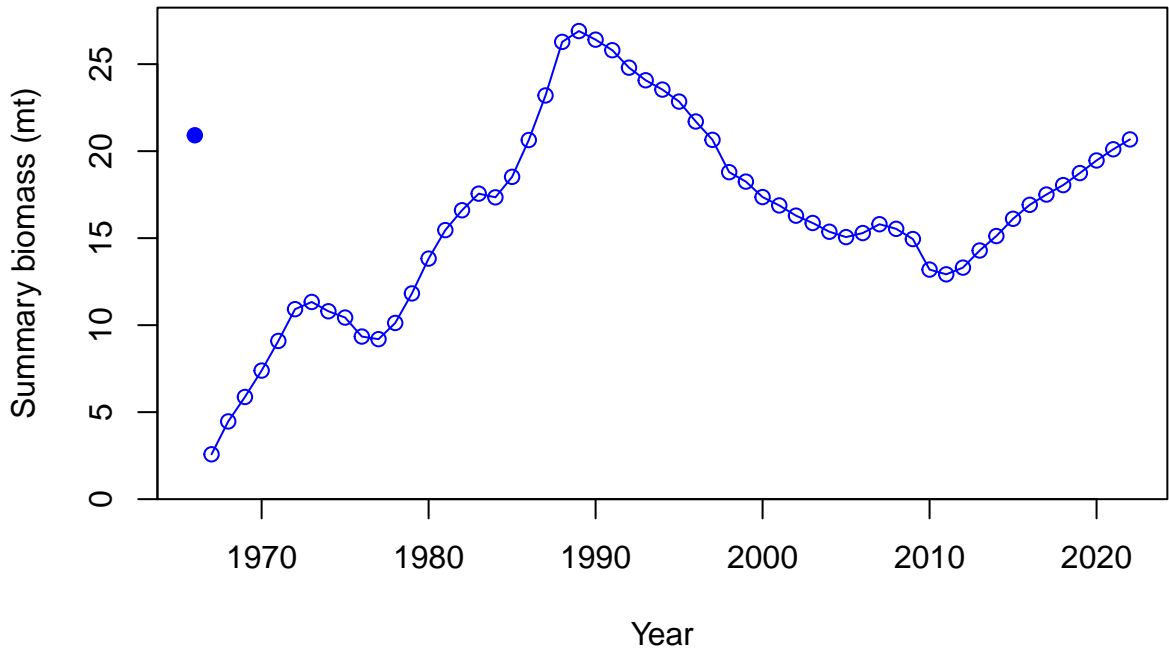
Spawning biomass (mt)



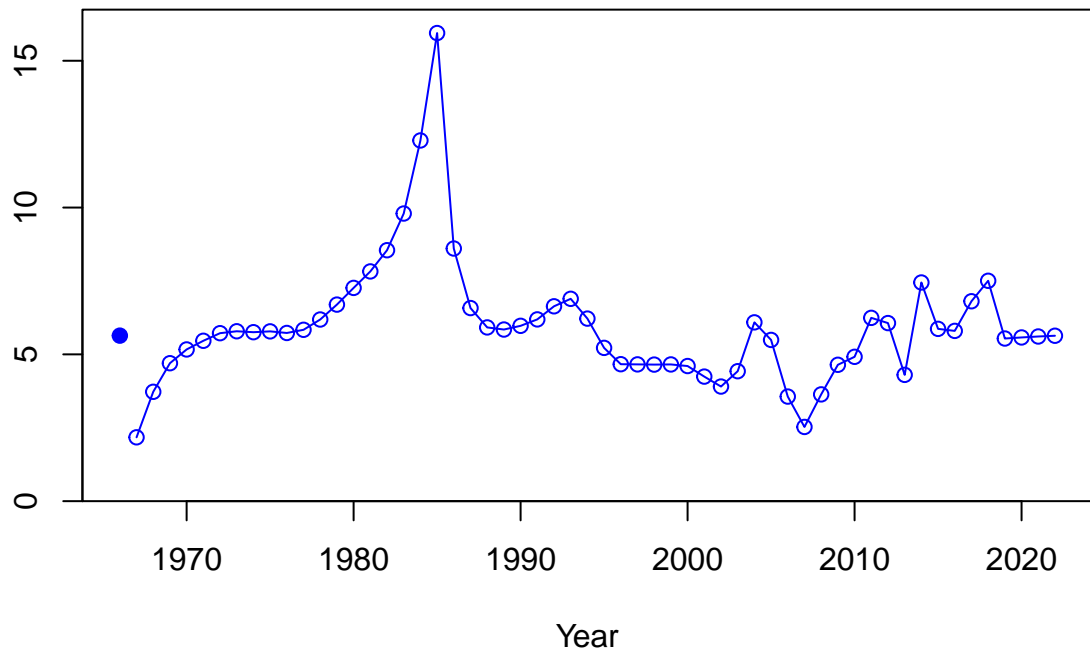
Relative spawning biomass: B/B_{MSY}



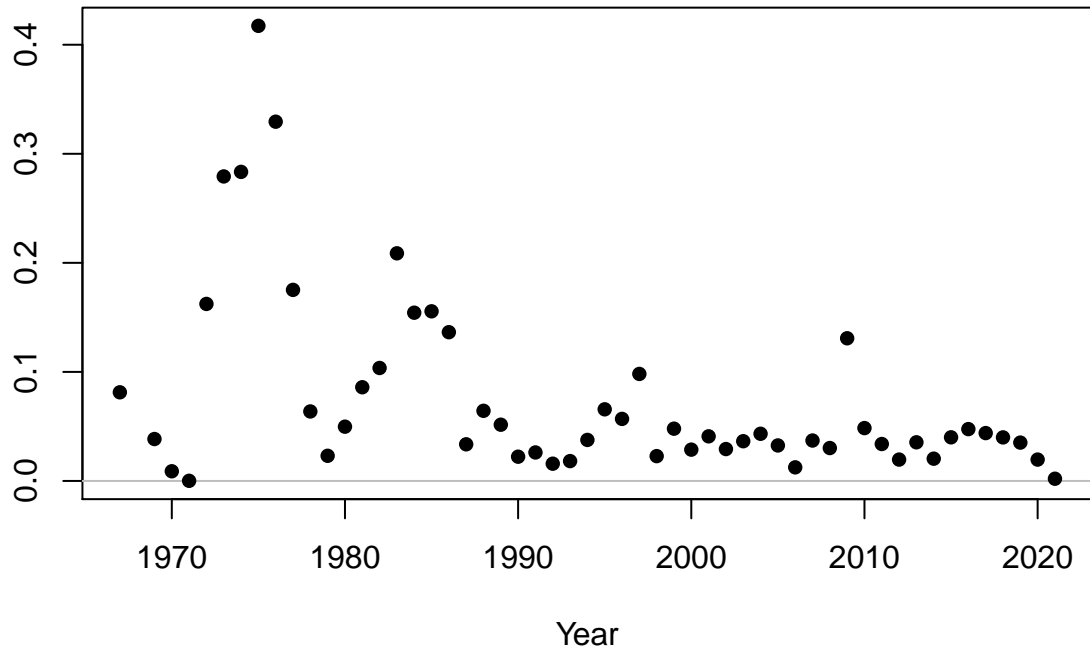


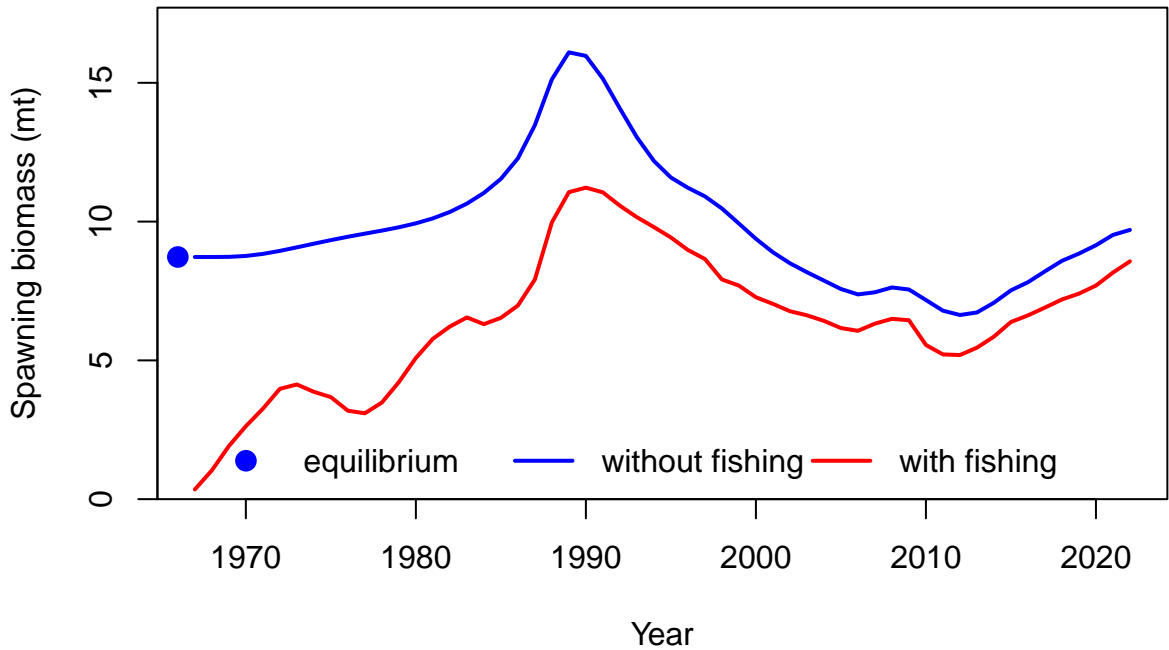


Age-0 recruits (1,000s)

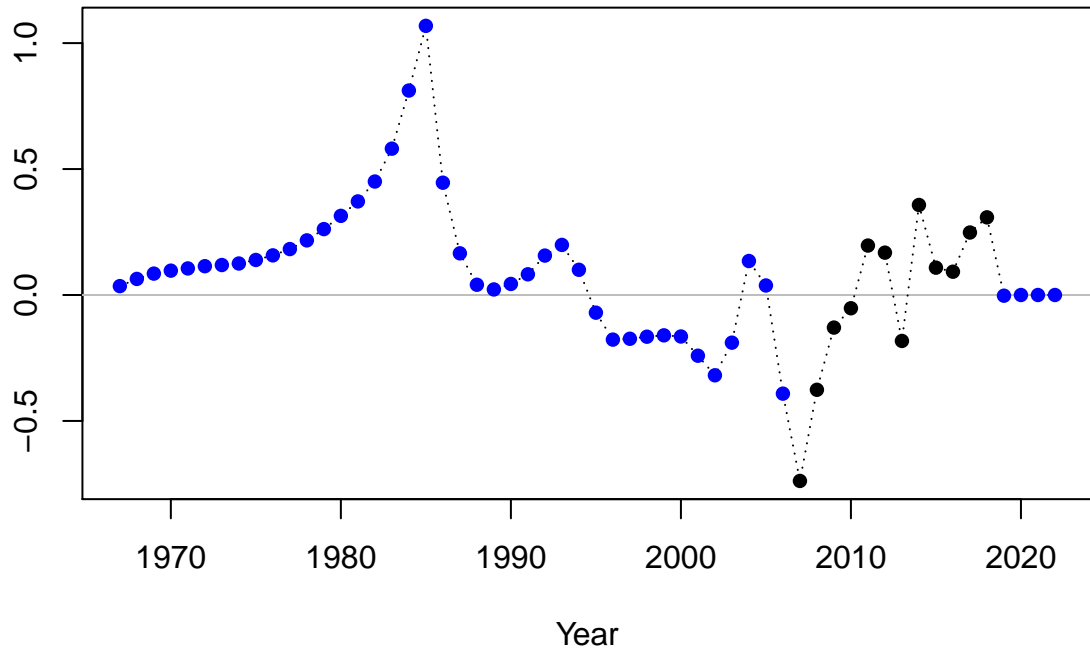


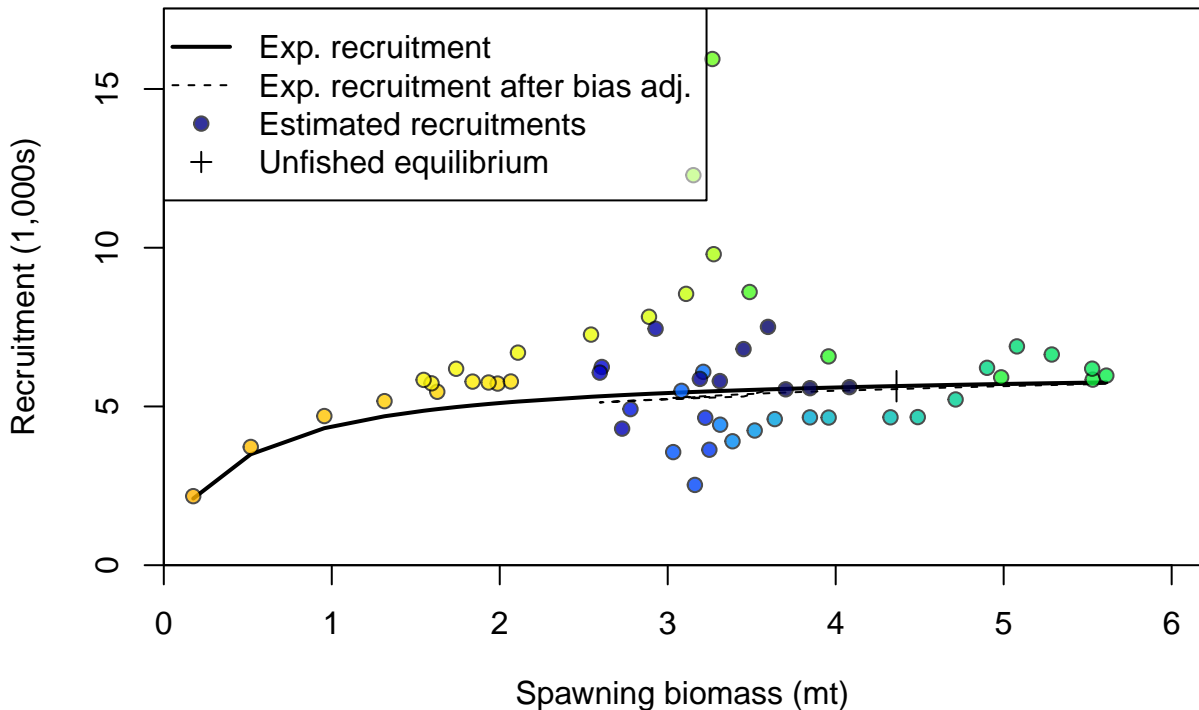
Summary Fishing Mortality

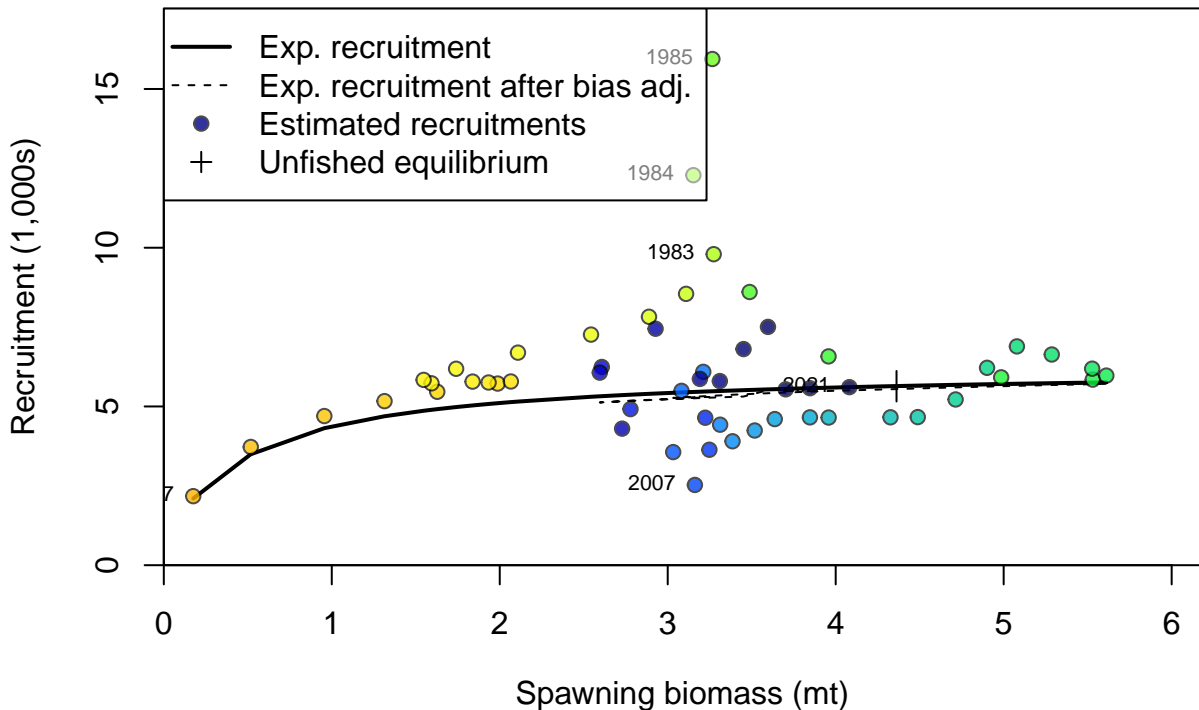




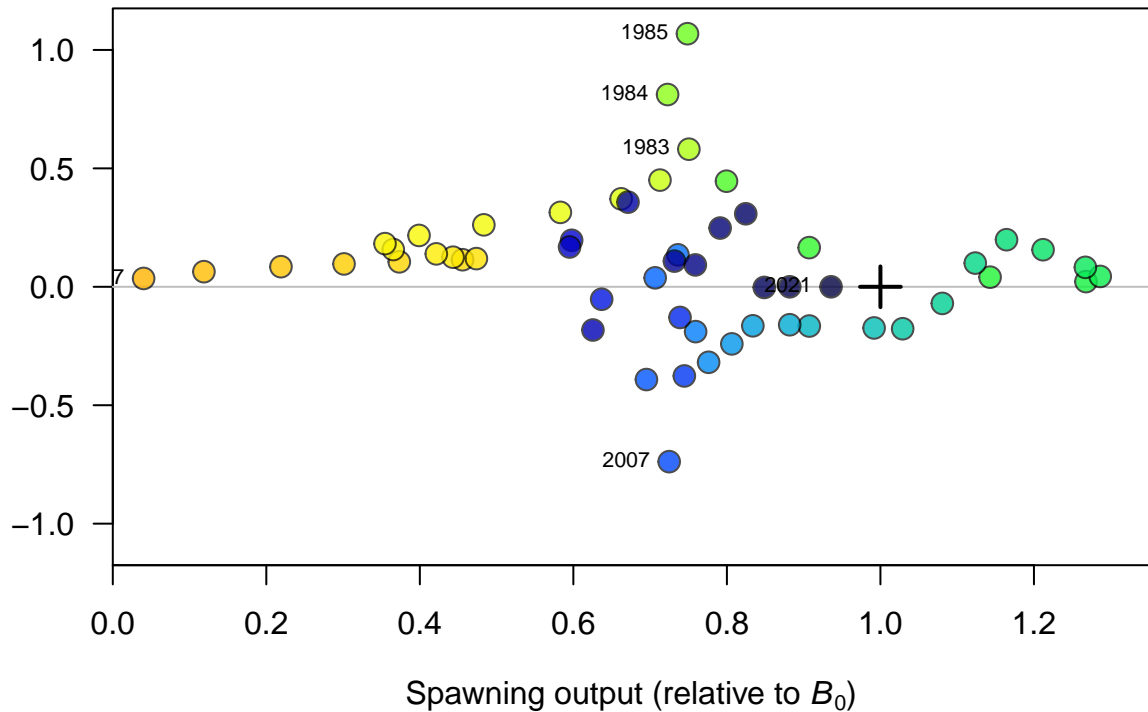
Log recruitment deviation

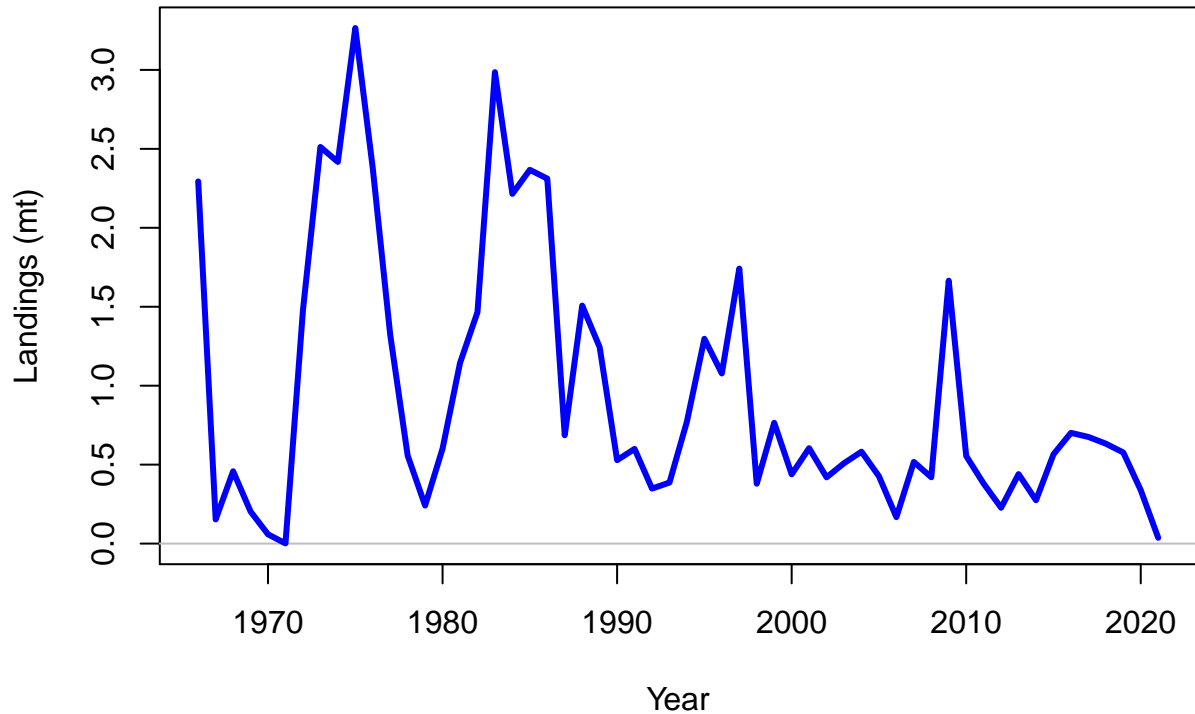


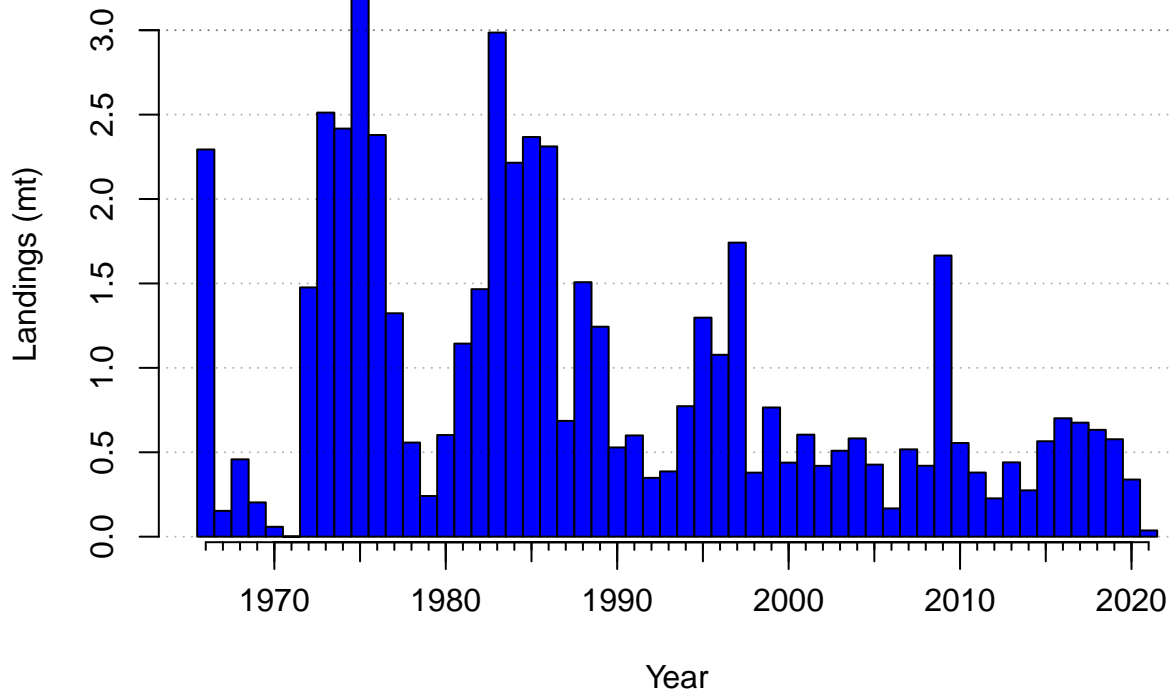


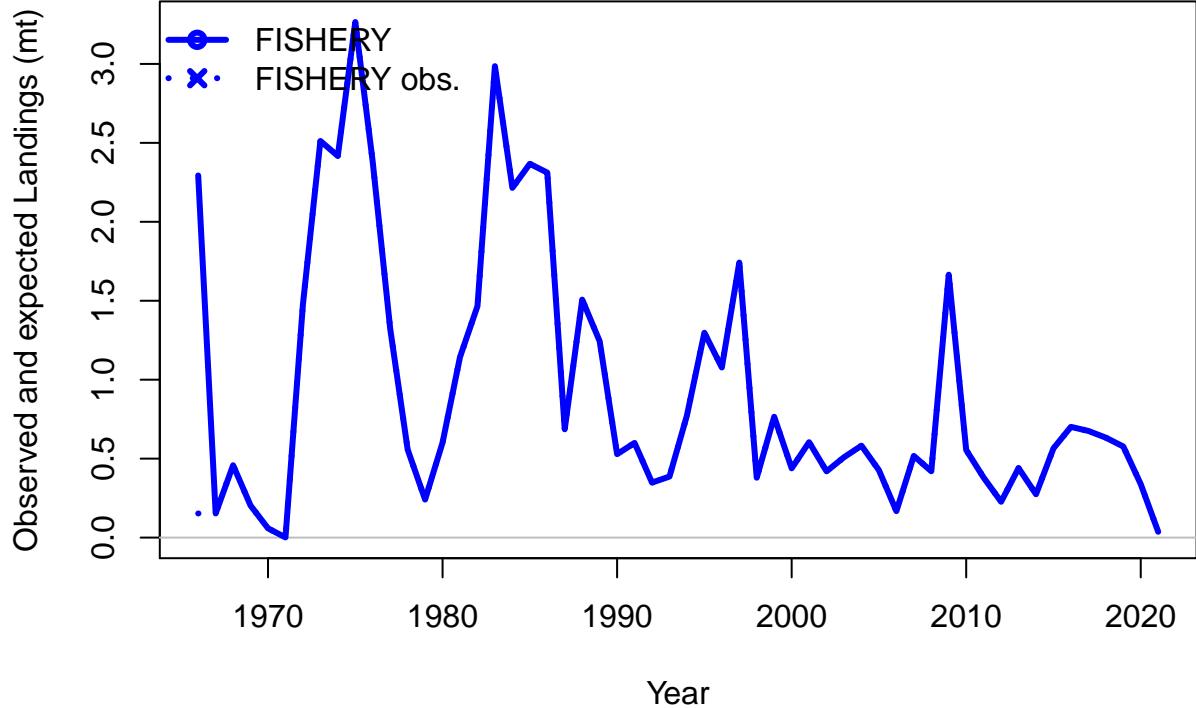


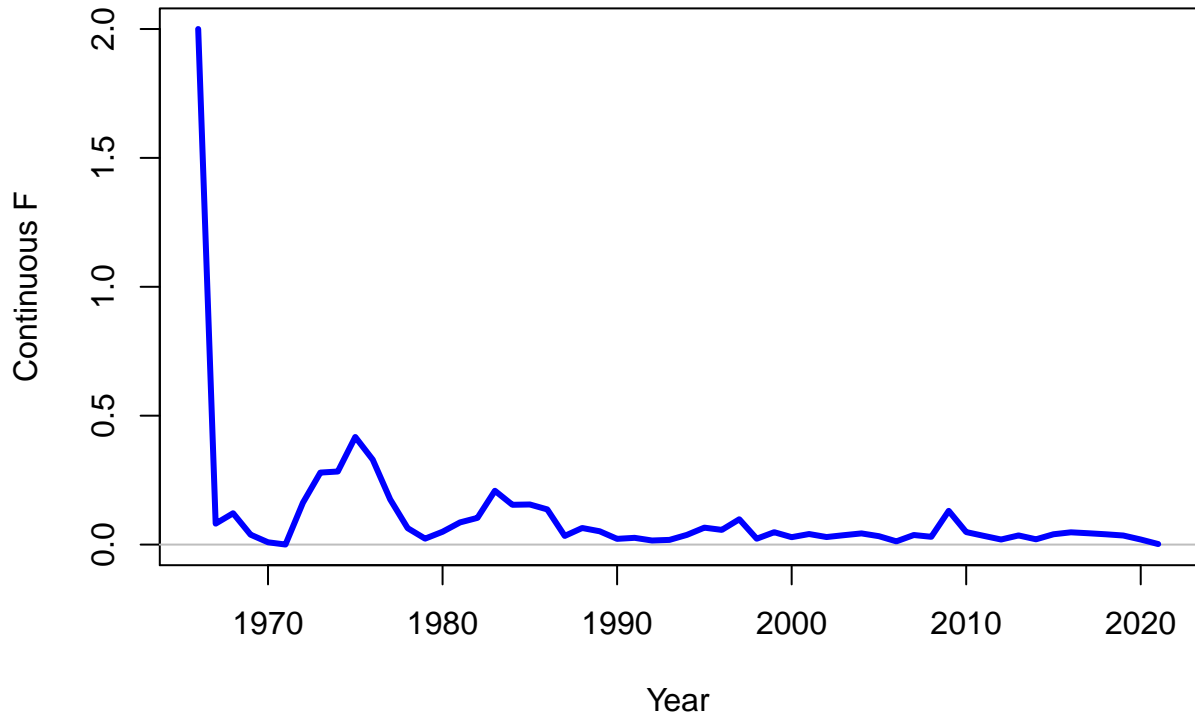
Log recruitment deviation



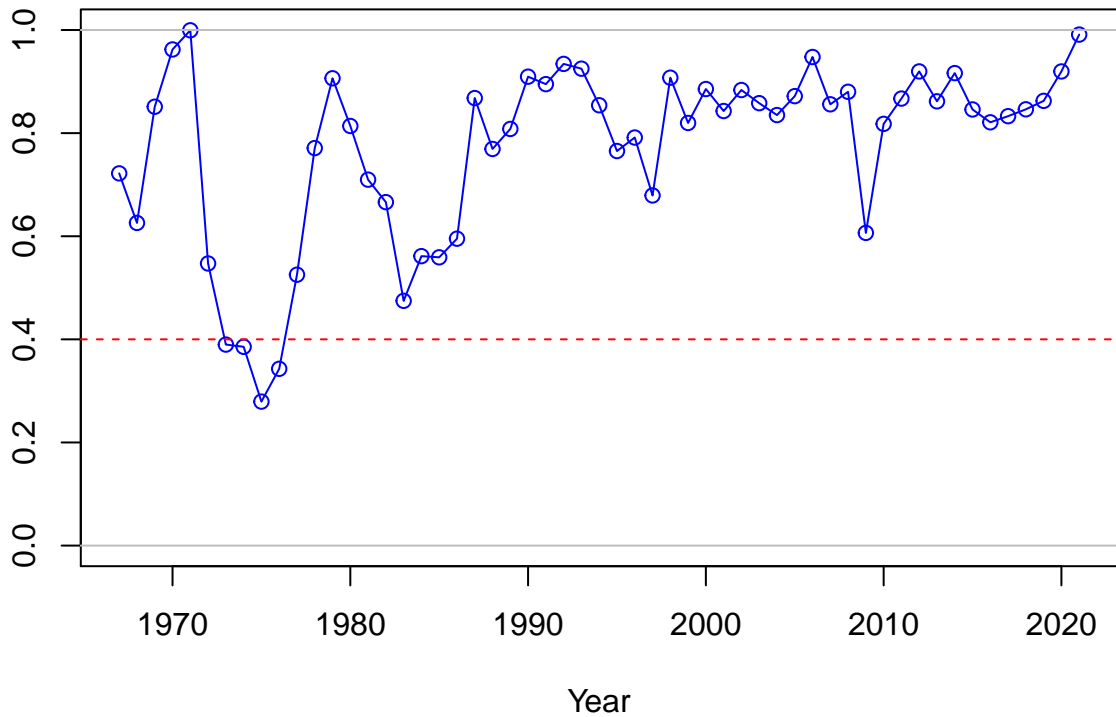




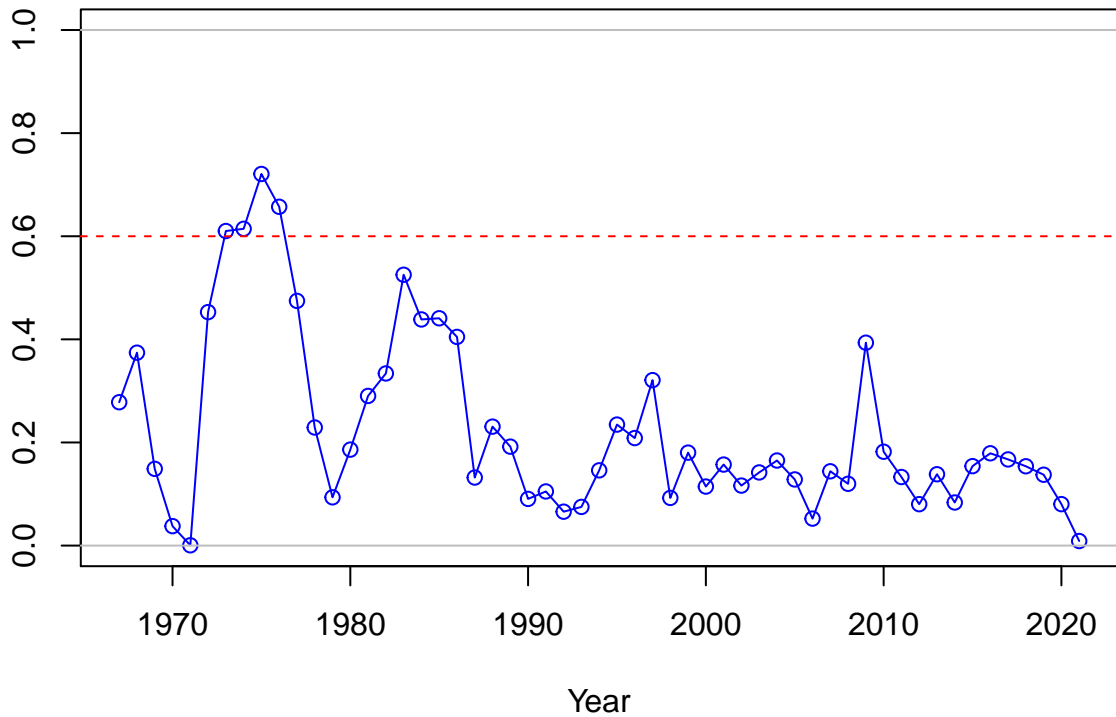




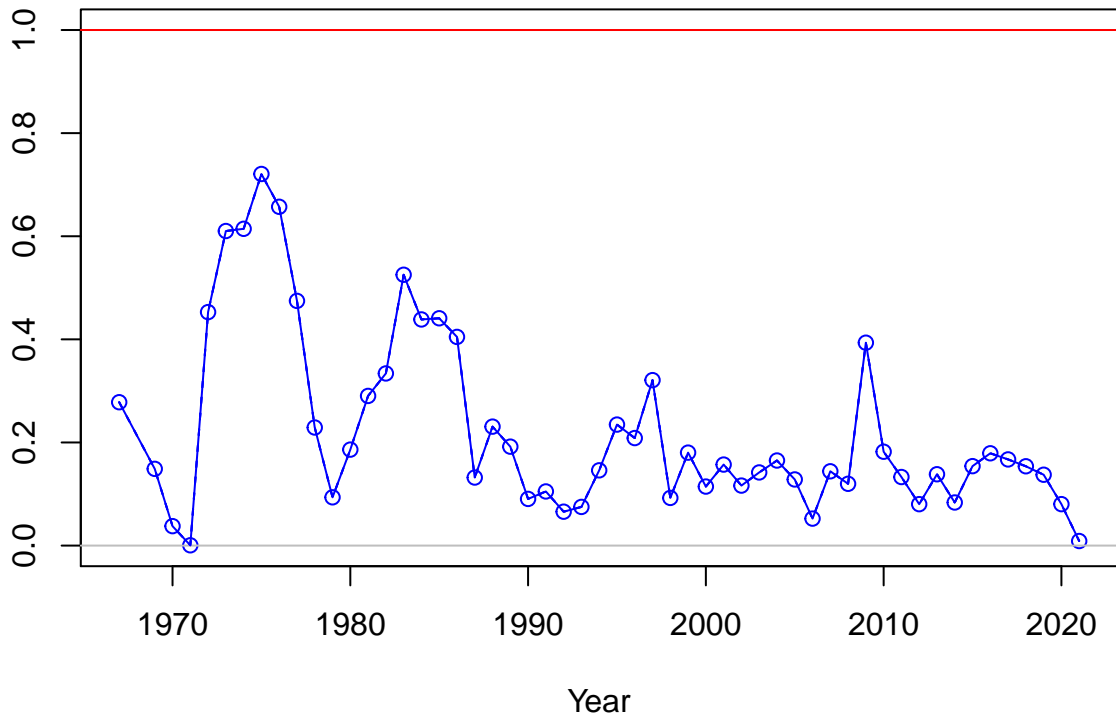
SPR



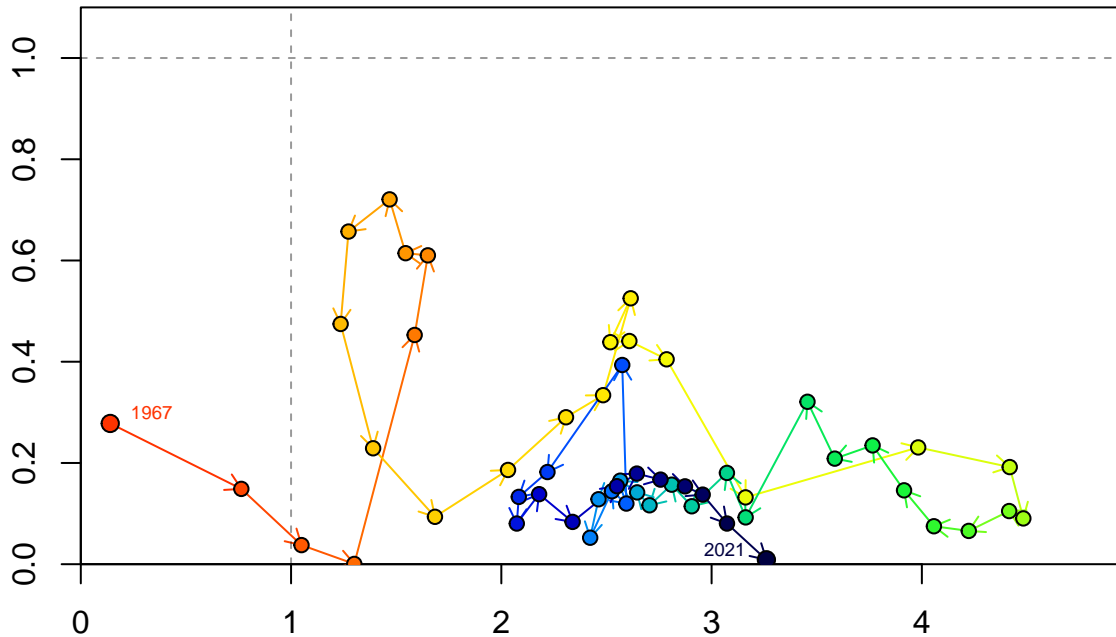
1-SPR



Fishing intensity: 1-SPR

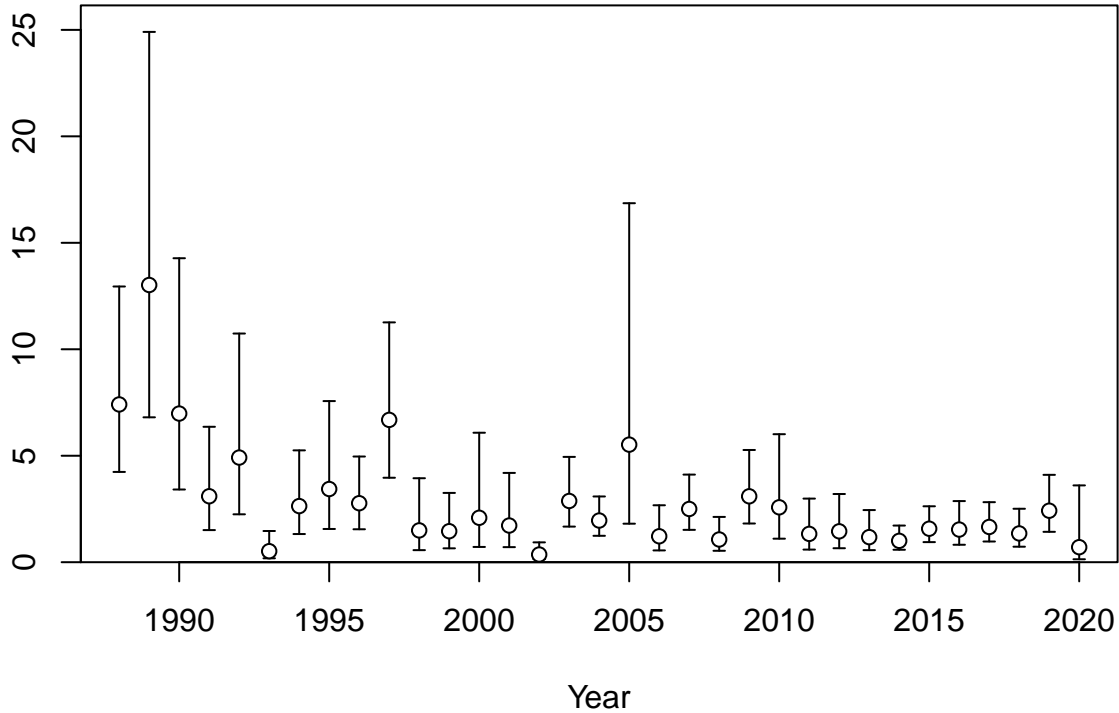


Fishing intensity: 1-SPR

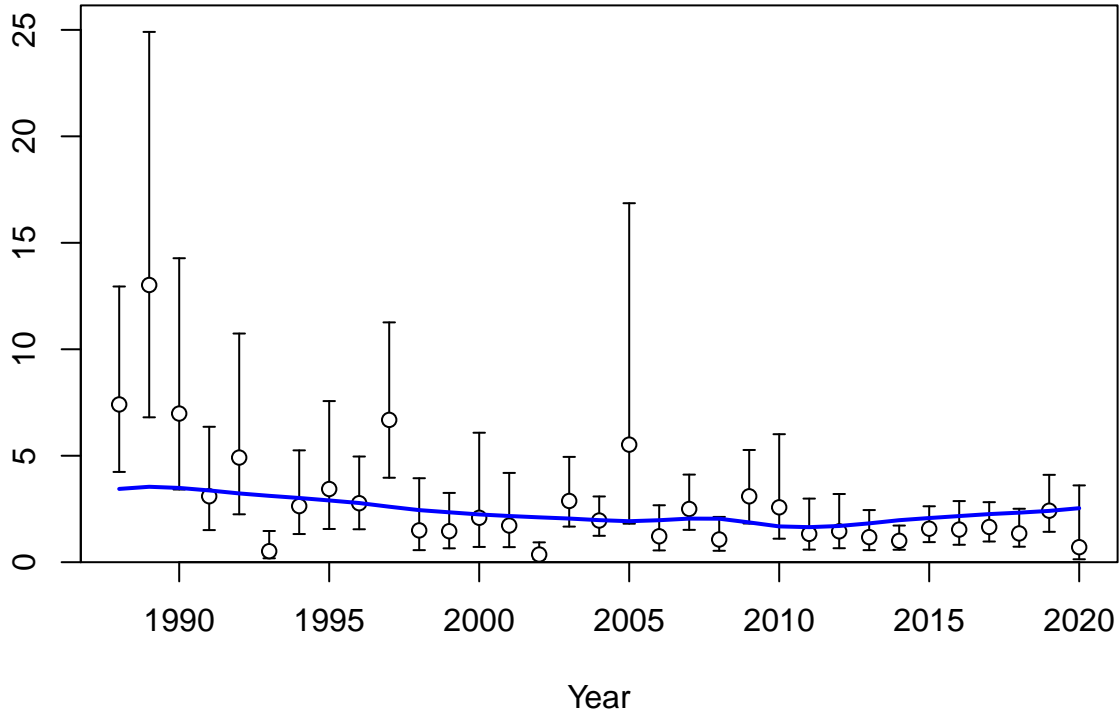


Relative spawning output: B/B_MSY

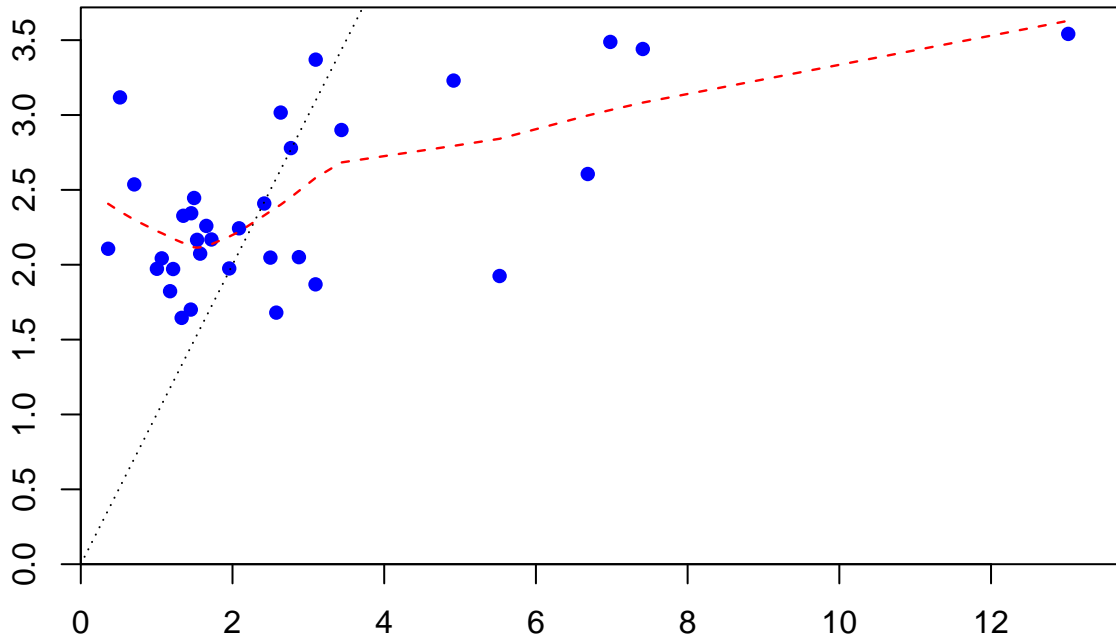
Index



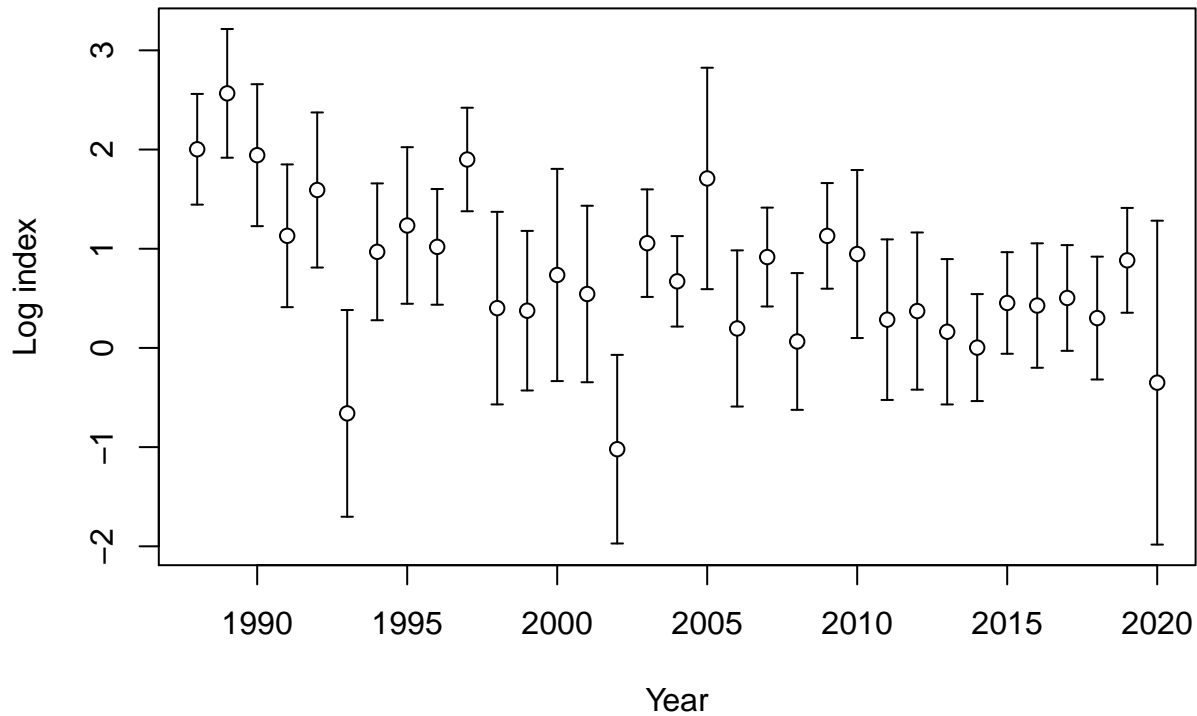
Index

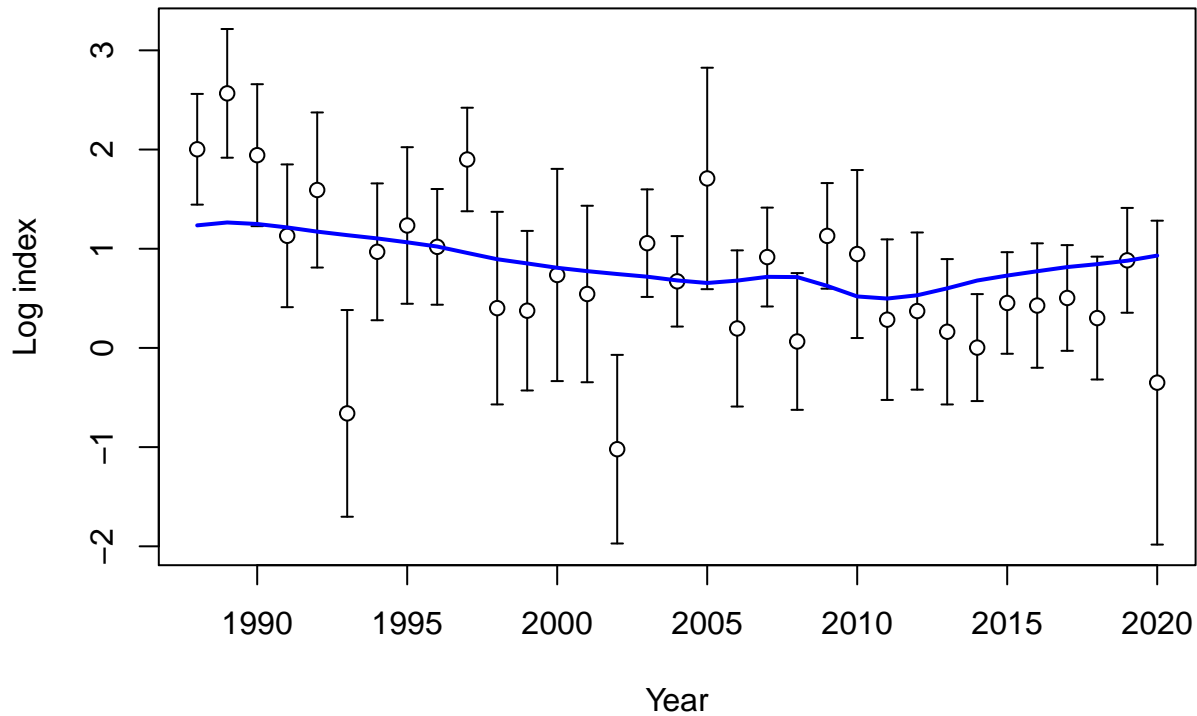


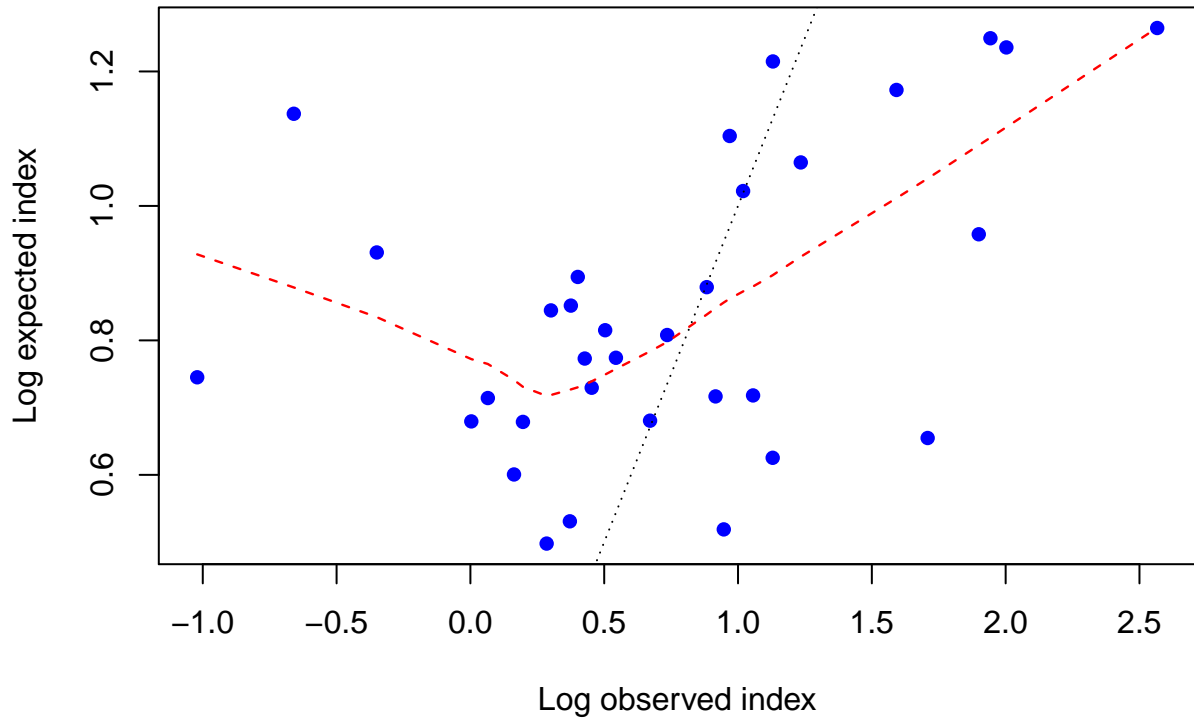
Expected index



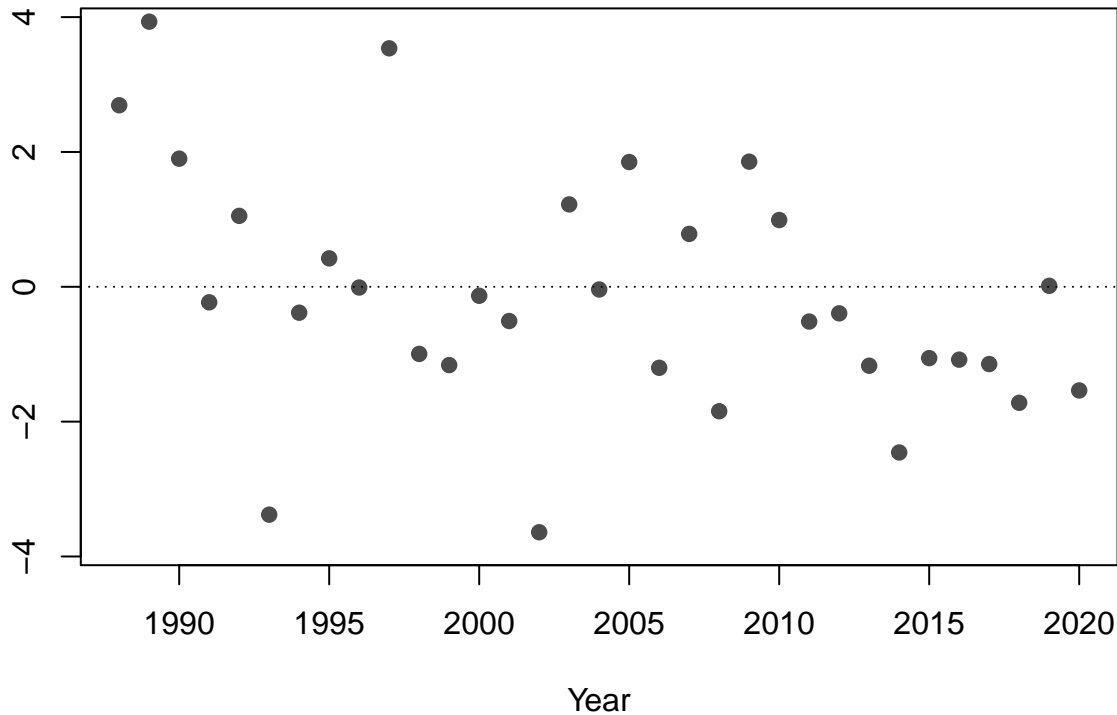
Observed index

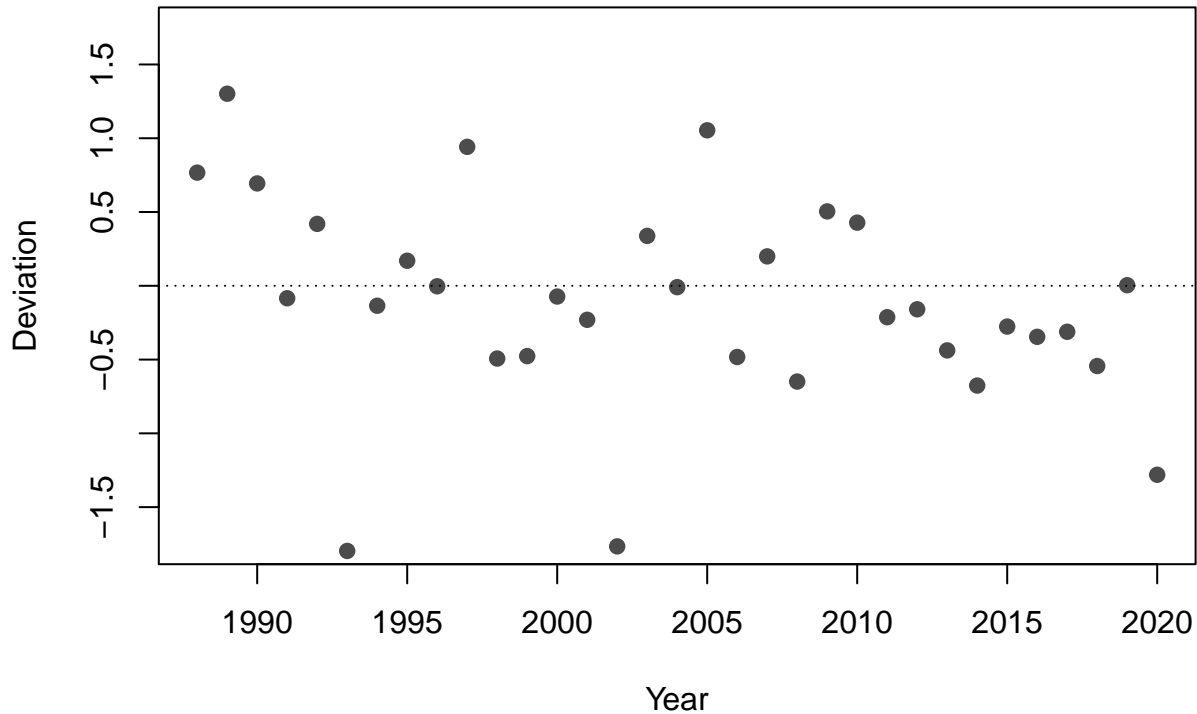


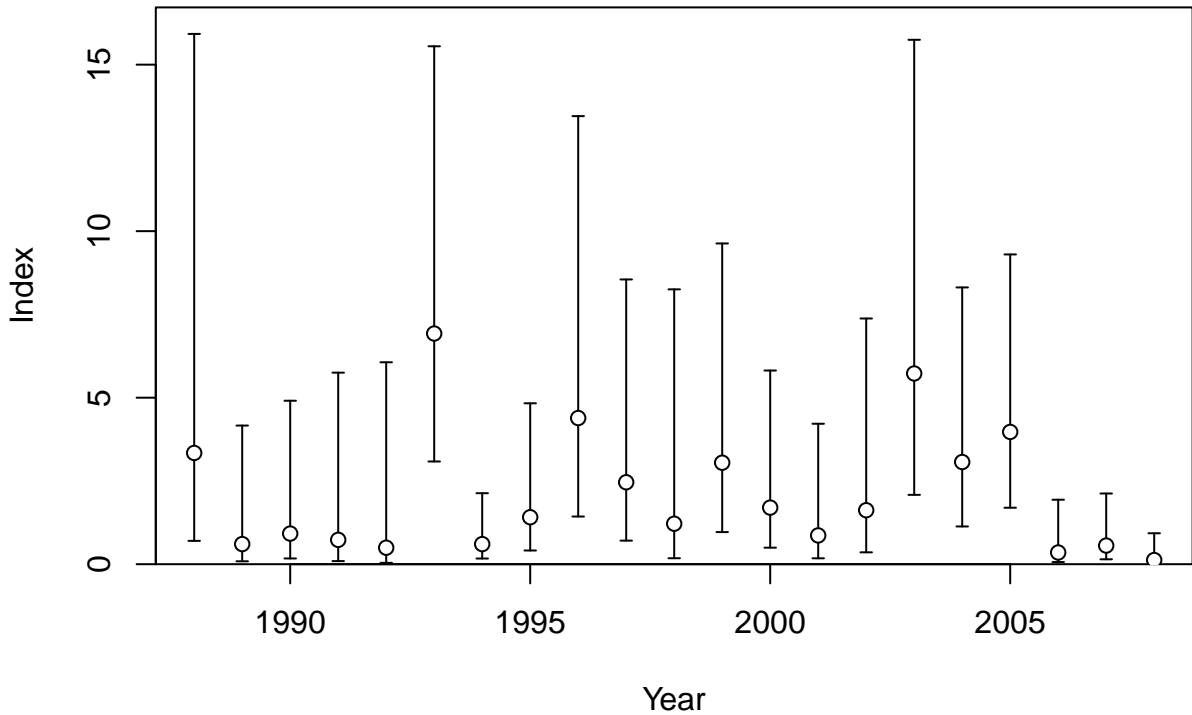


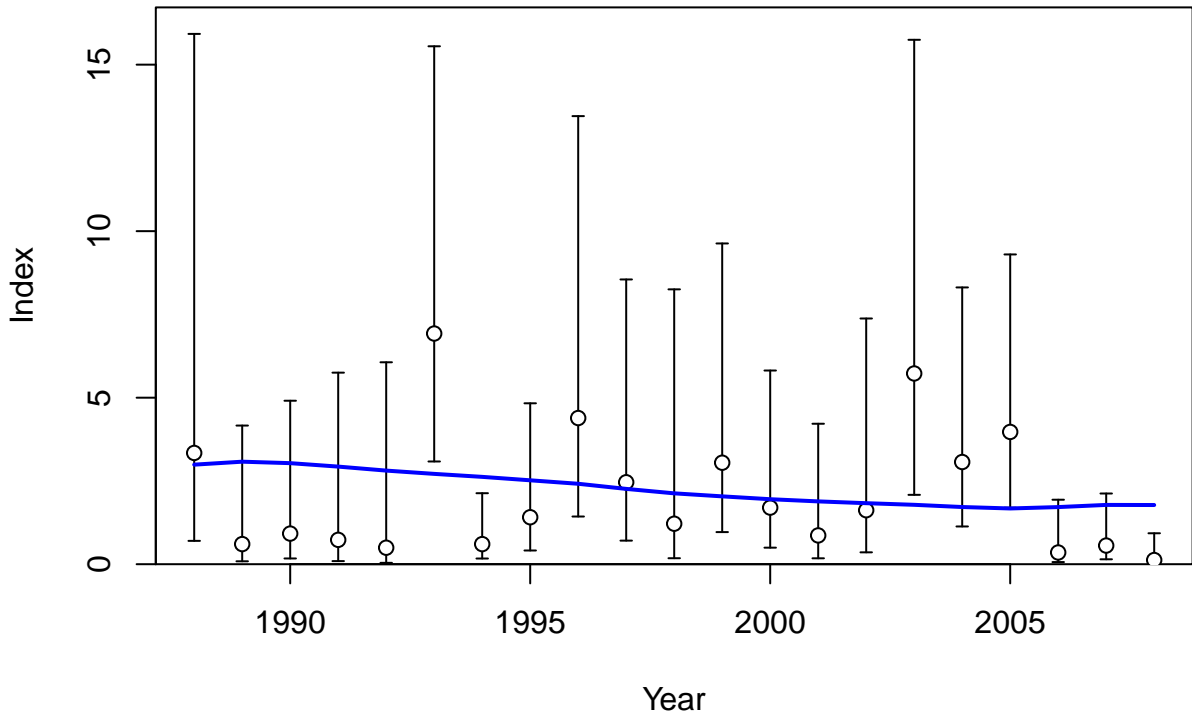


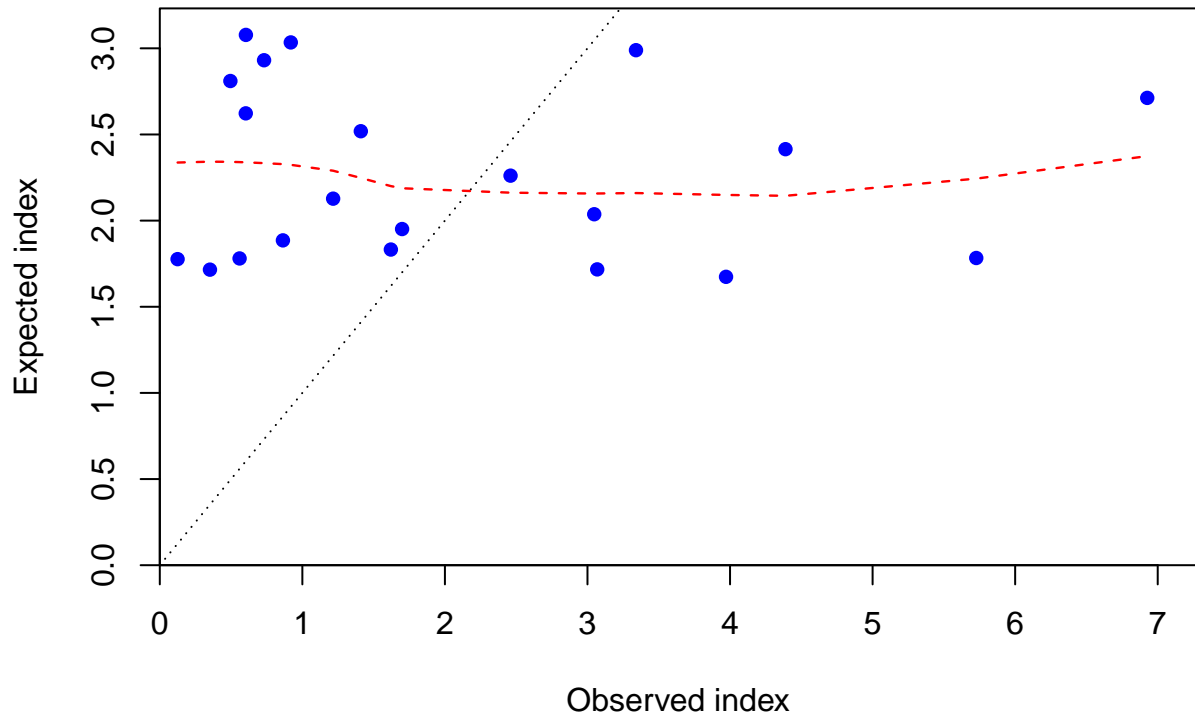
Residual



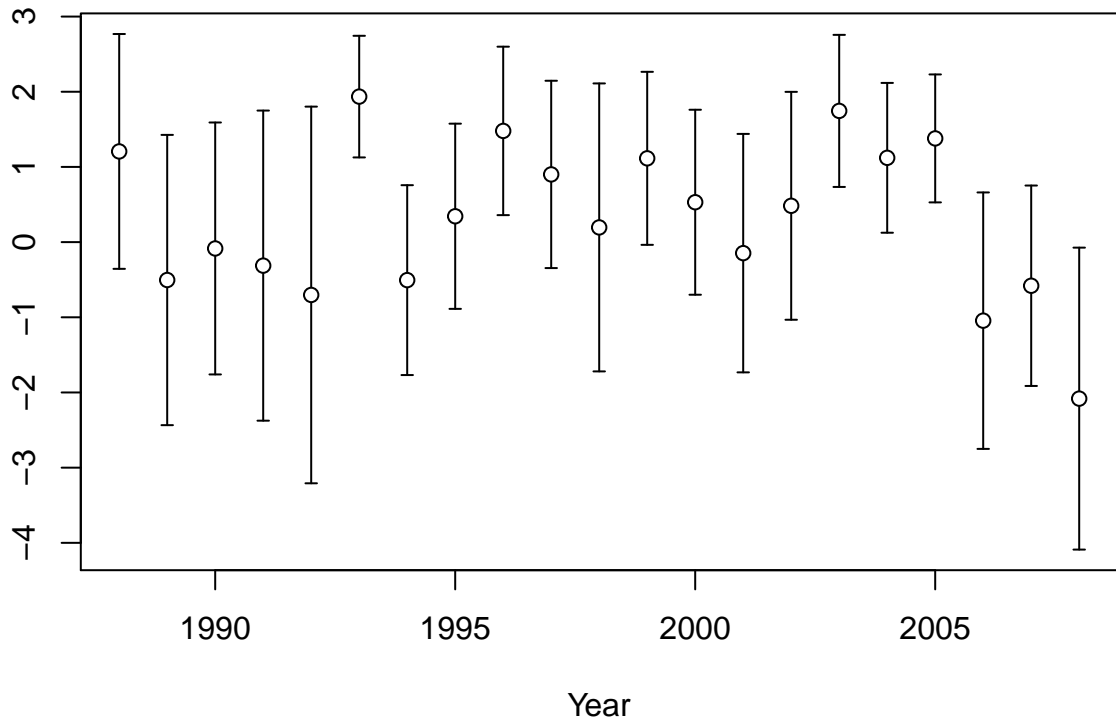




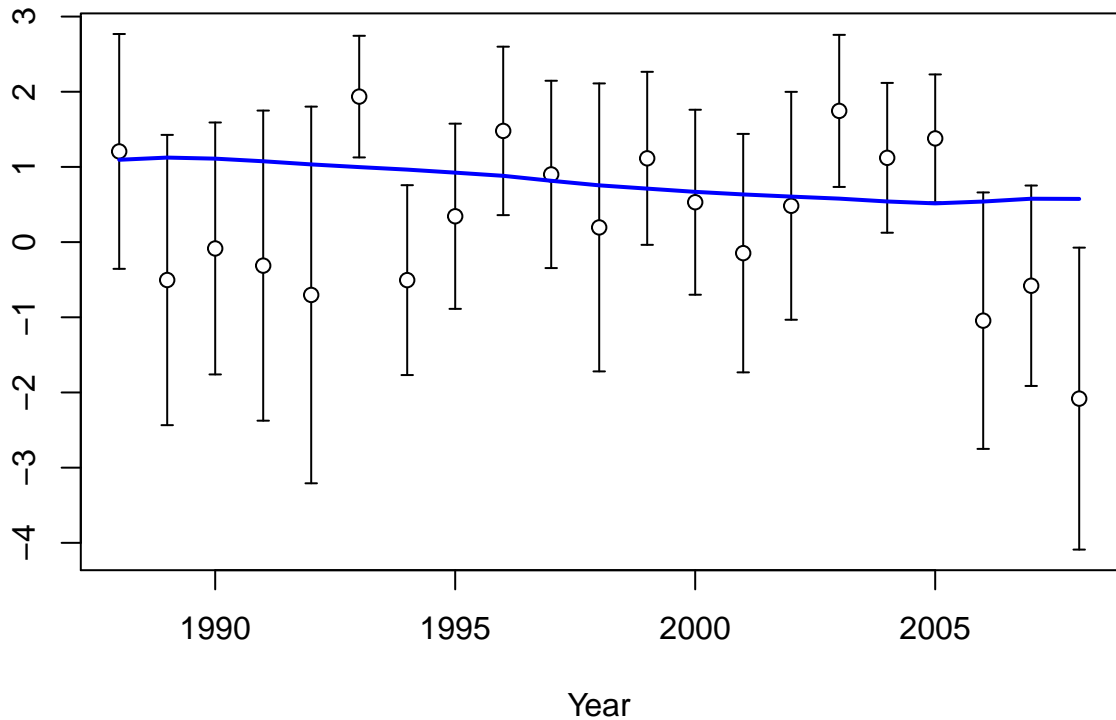


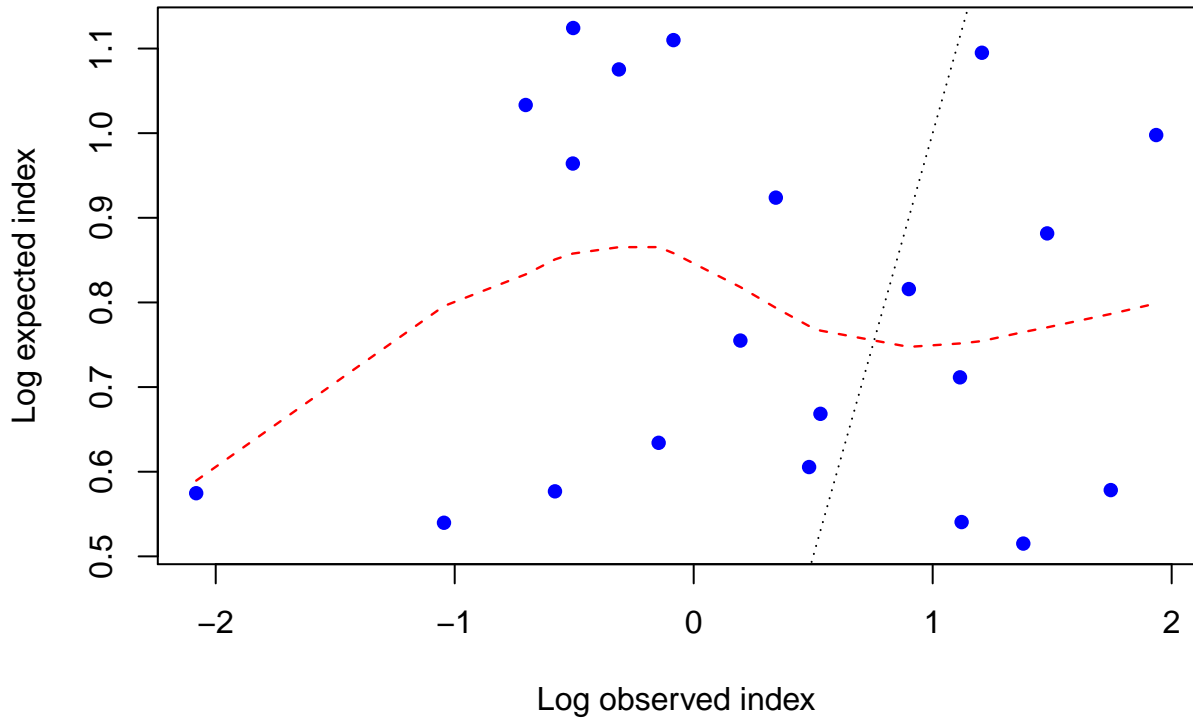


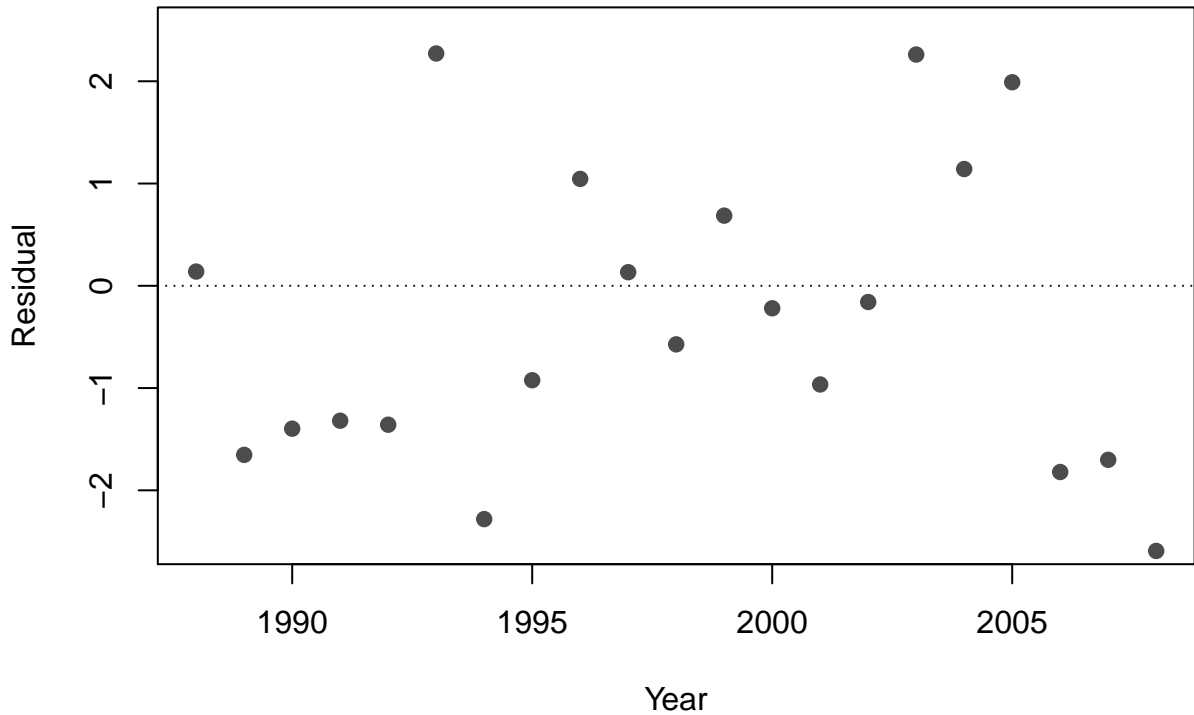
Log index

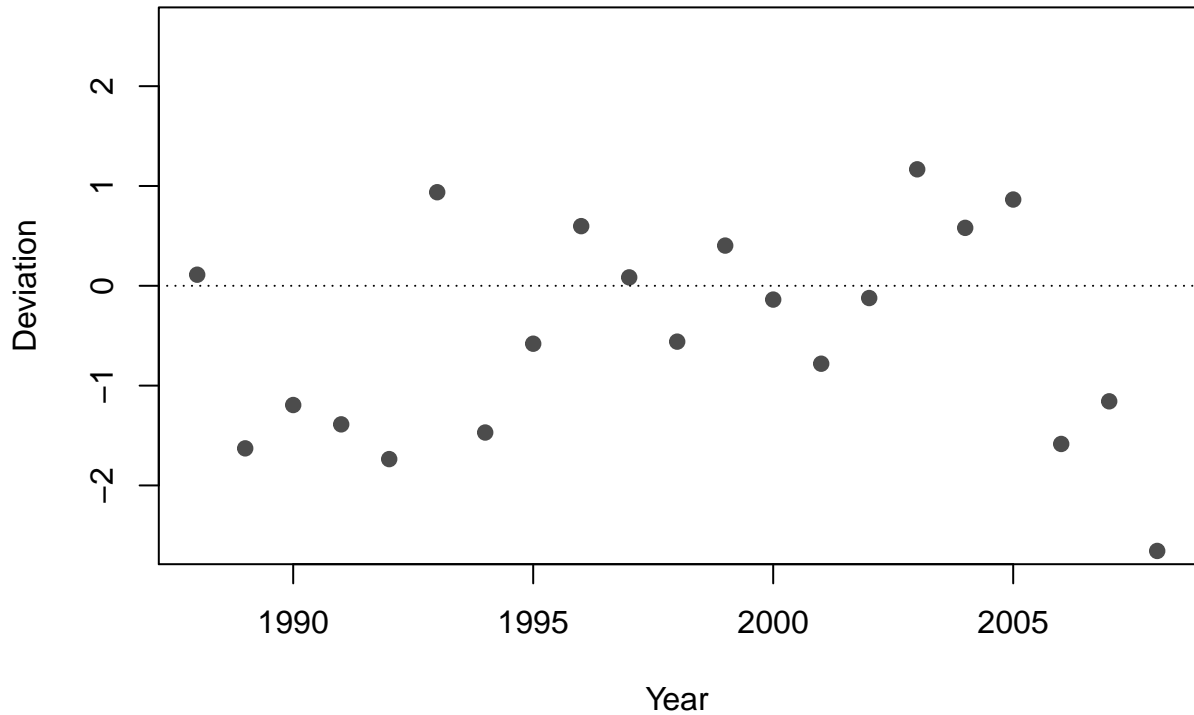


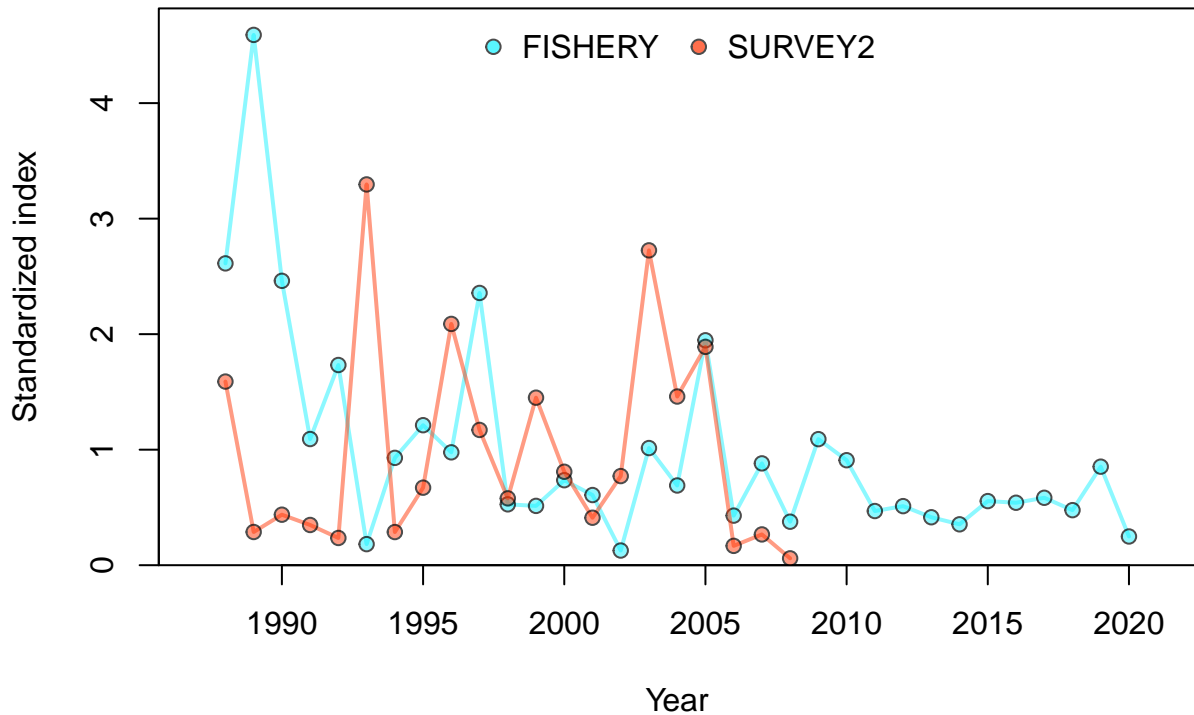
Log index



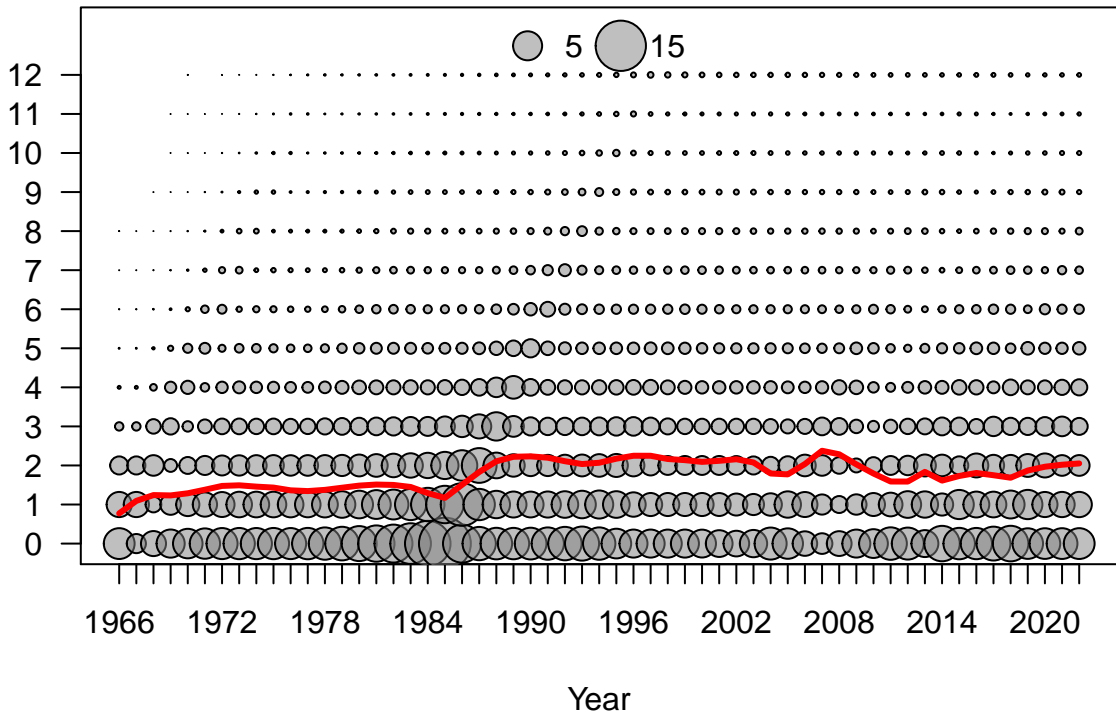




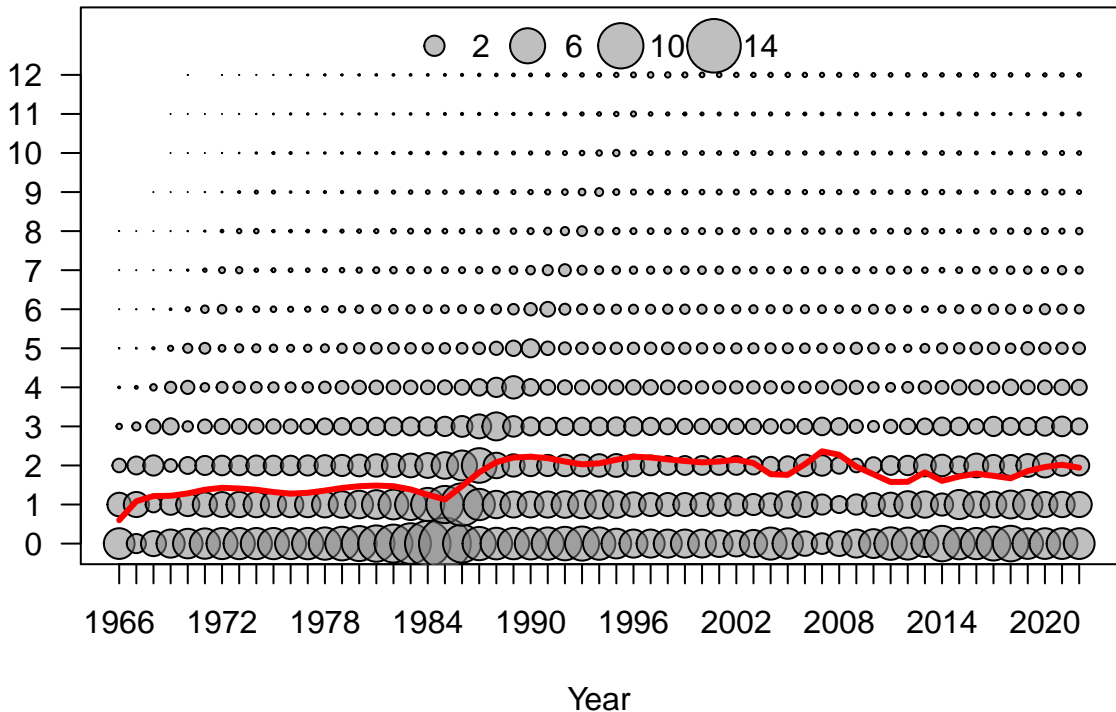


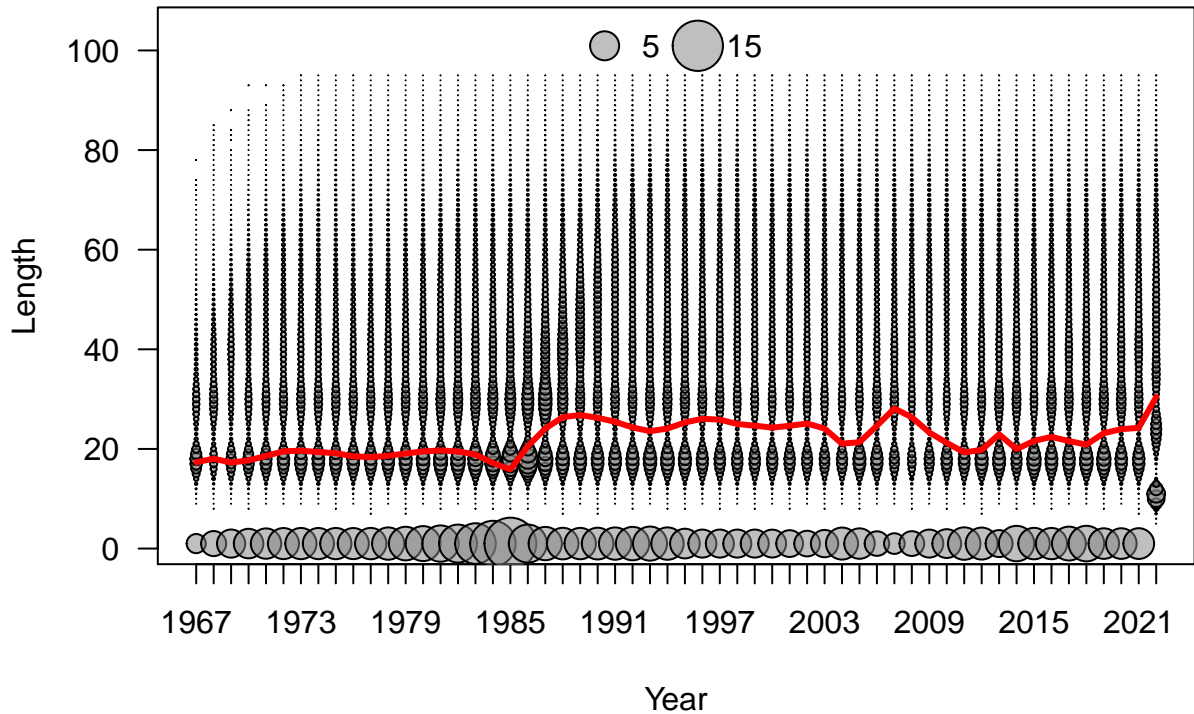


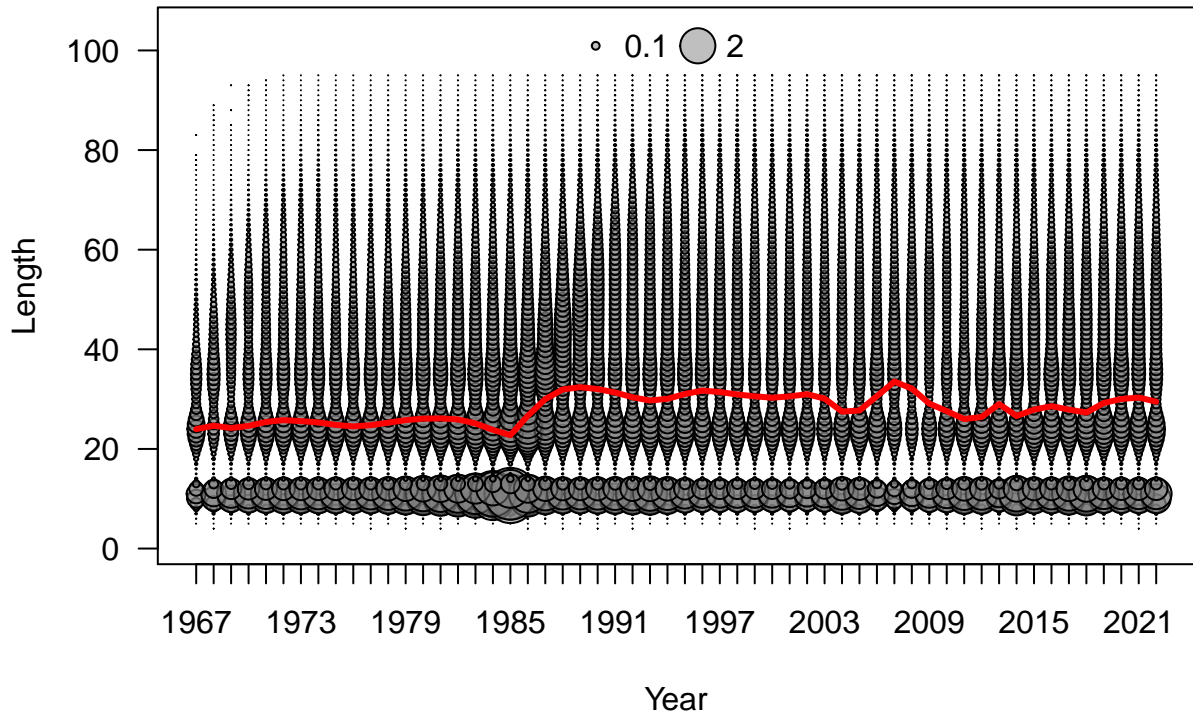
Age

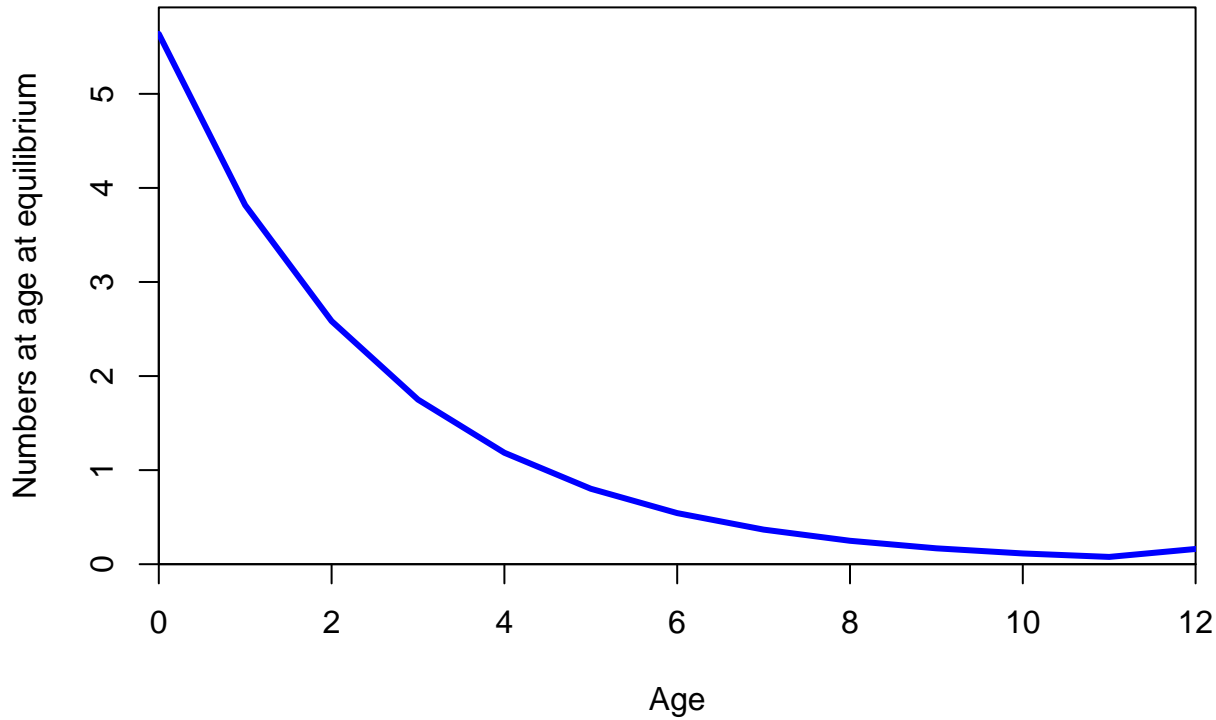


Age



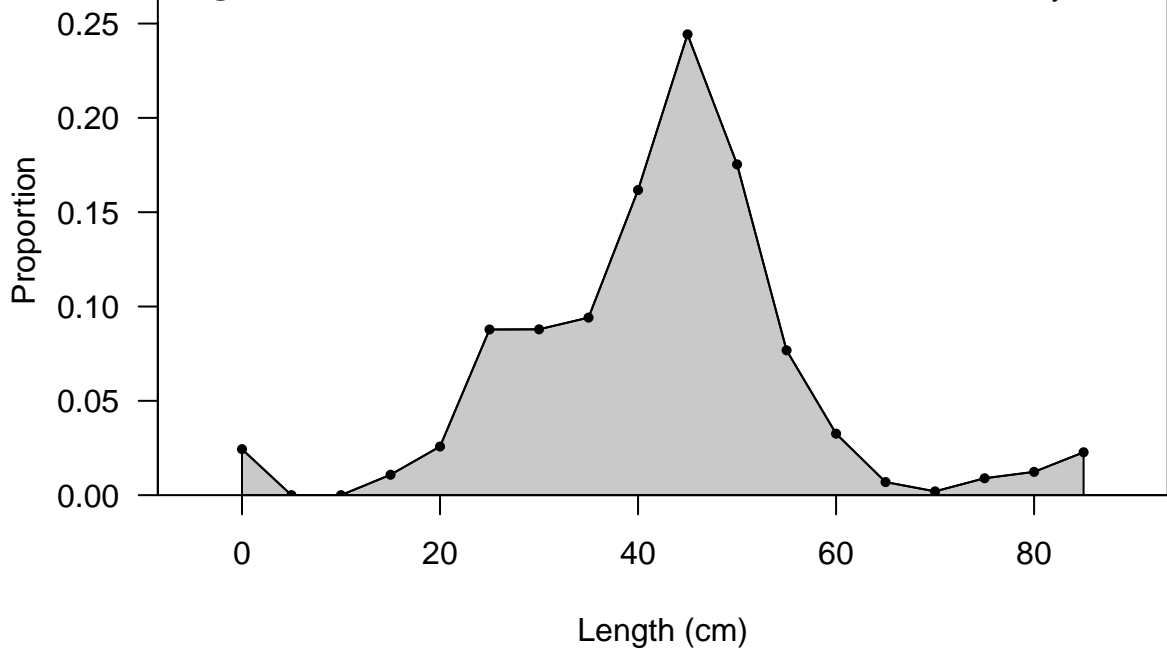


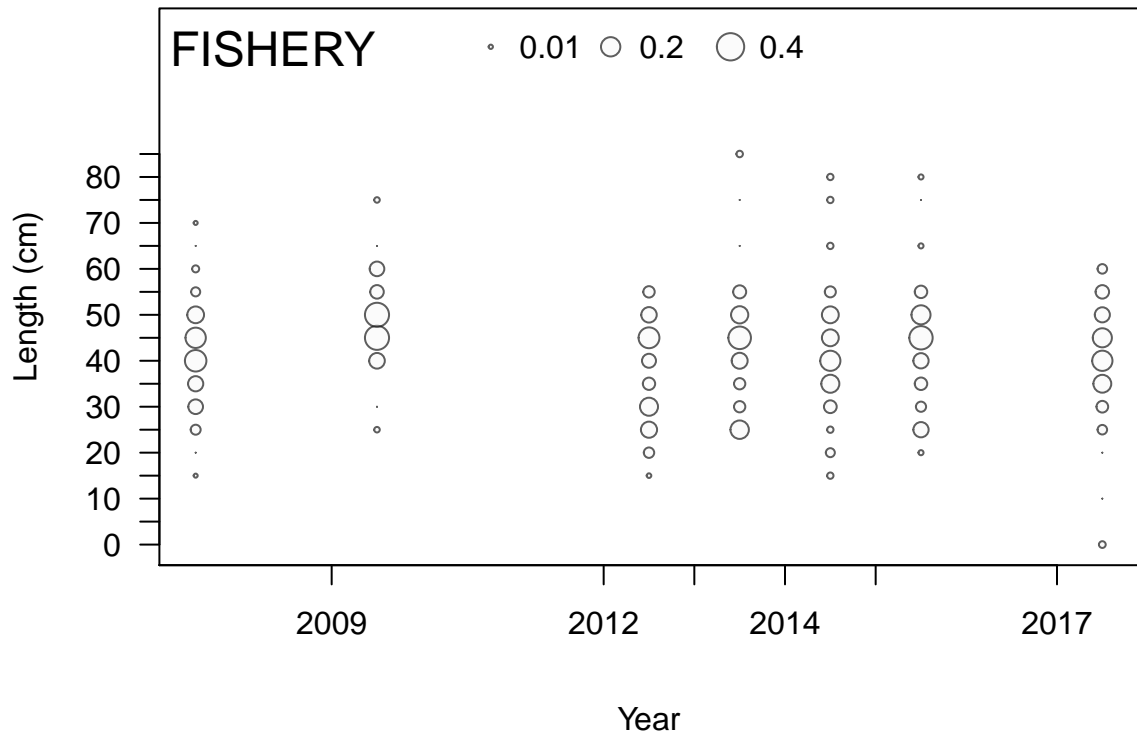




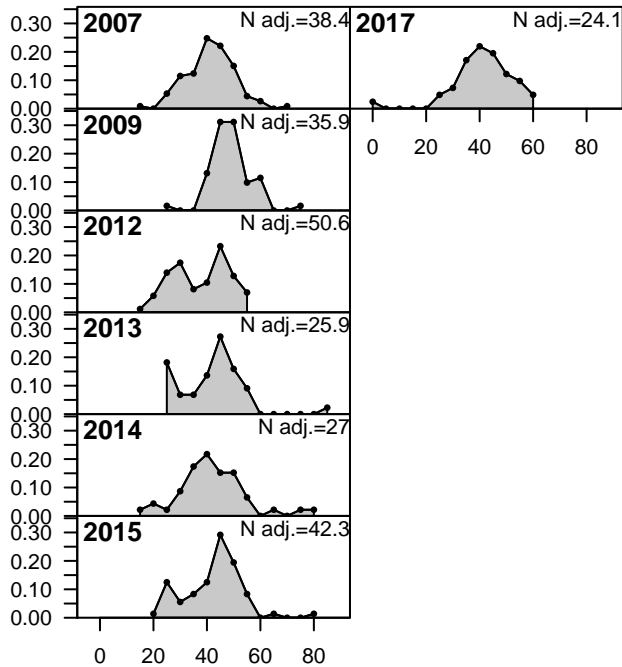
FISHERY

Sum of N adj.=244.2

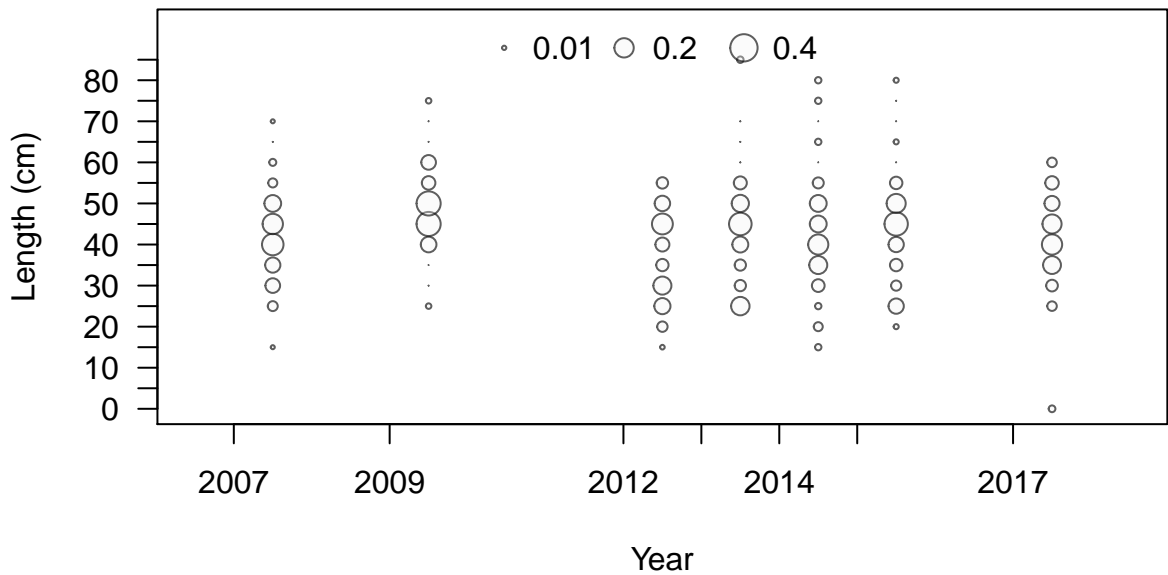




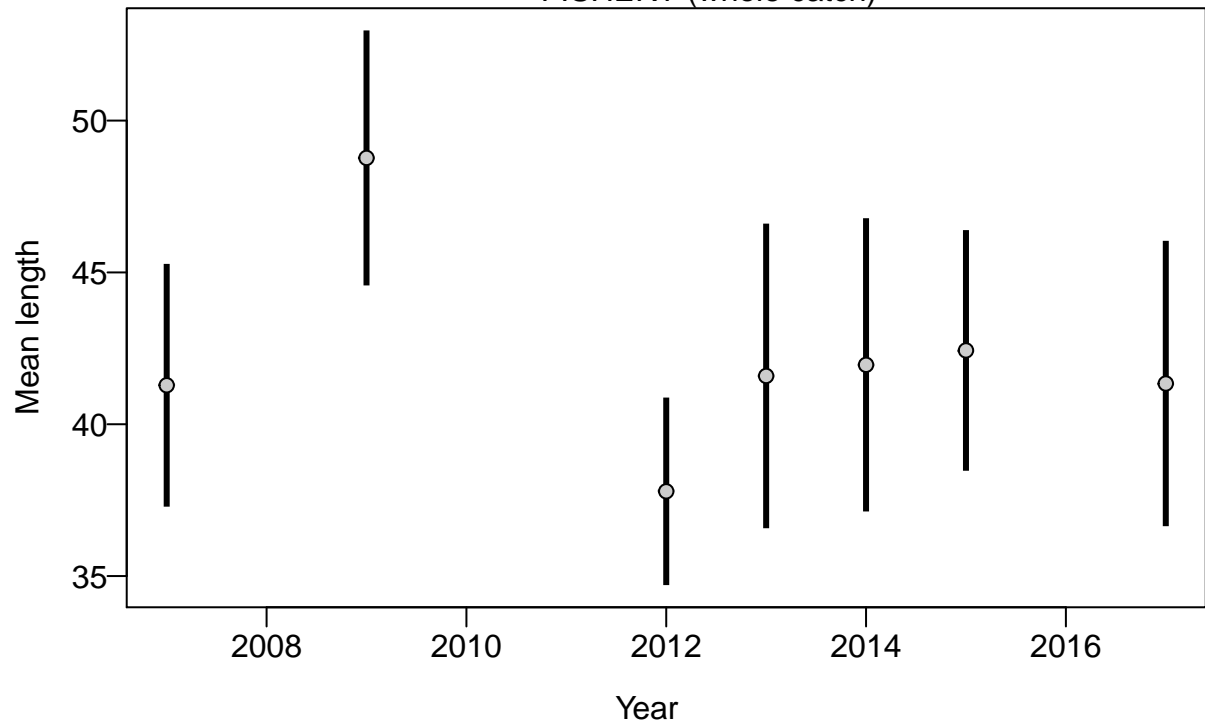
Proportion



Length (cm)

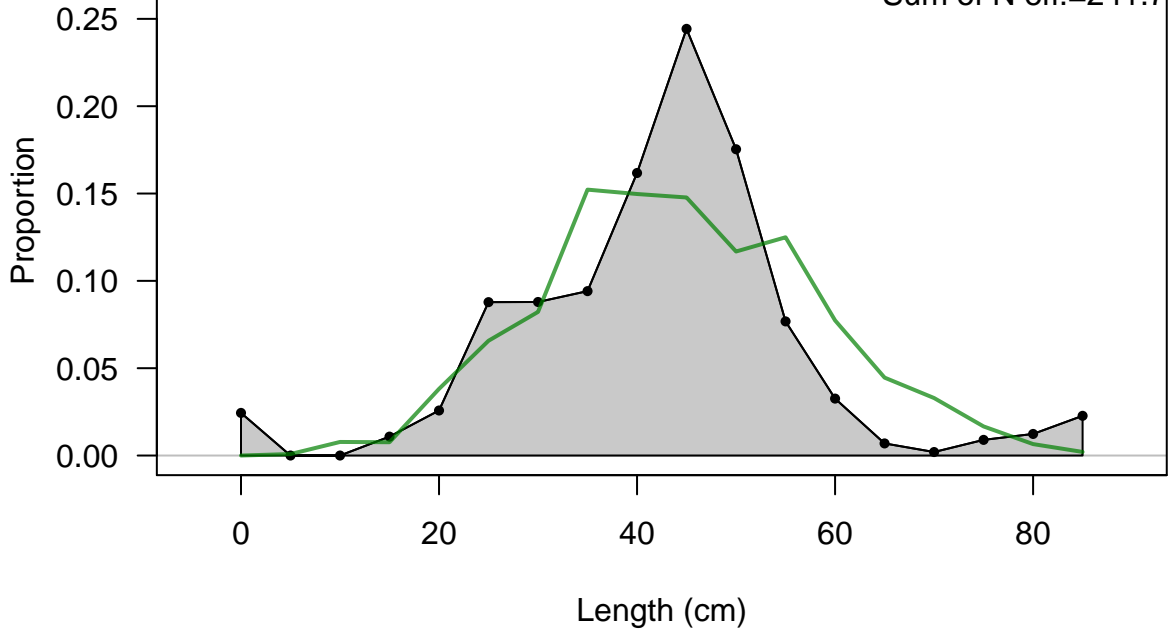


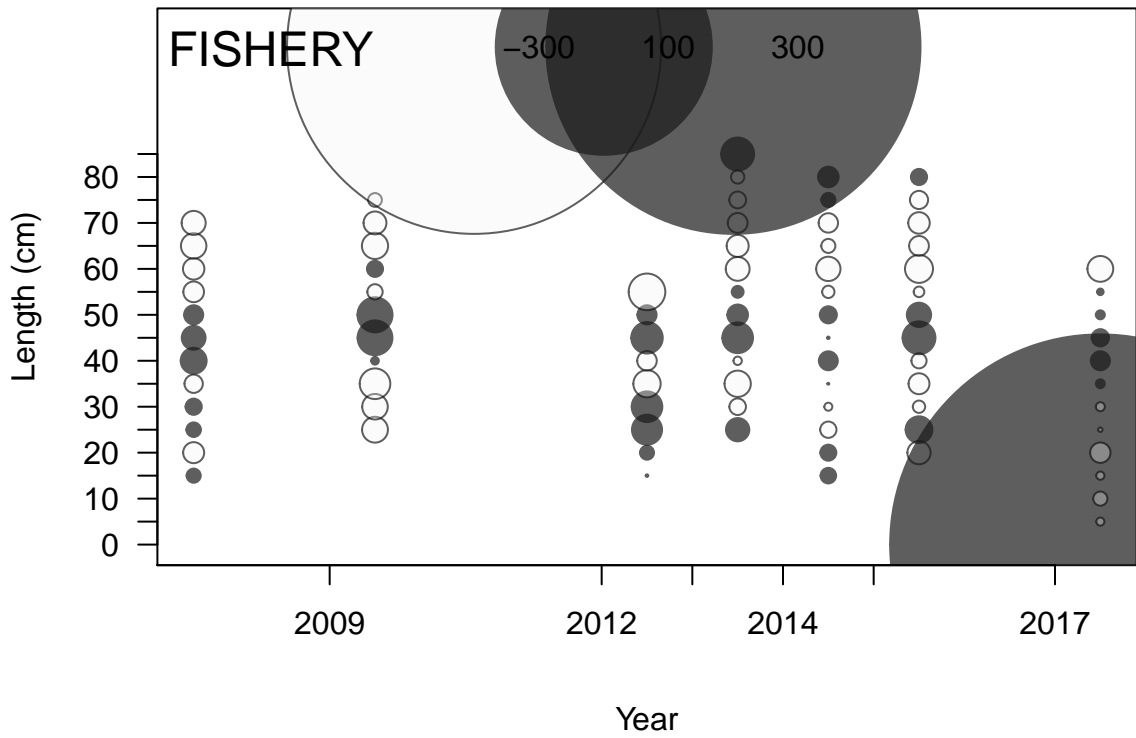
FISHERY (whole catch)



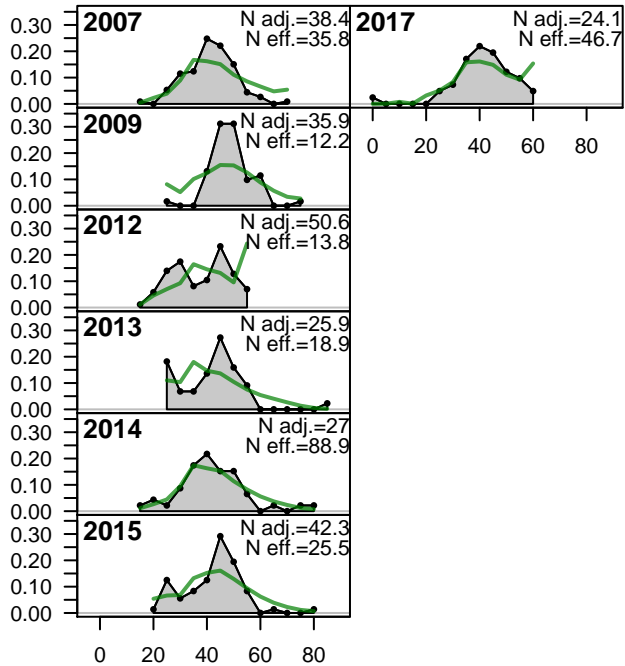
FISHERY

Sum of N adj.=244.2
Sum of N eff.=241.7

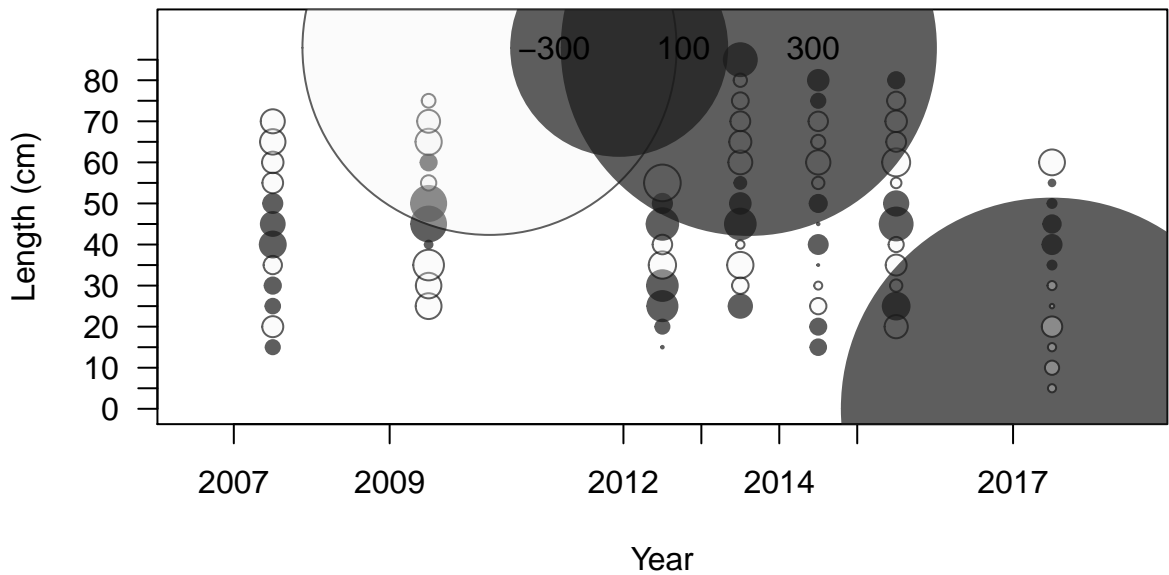


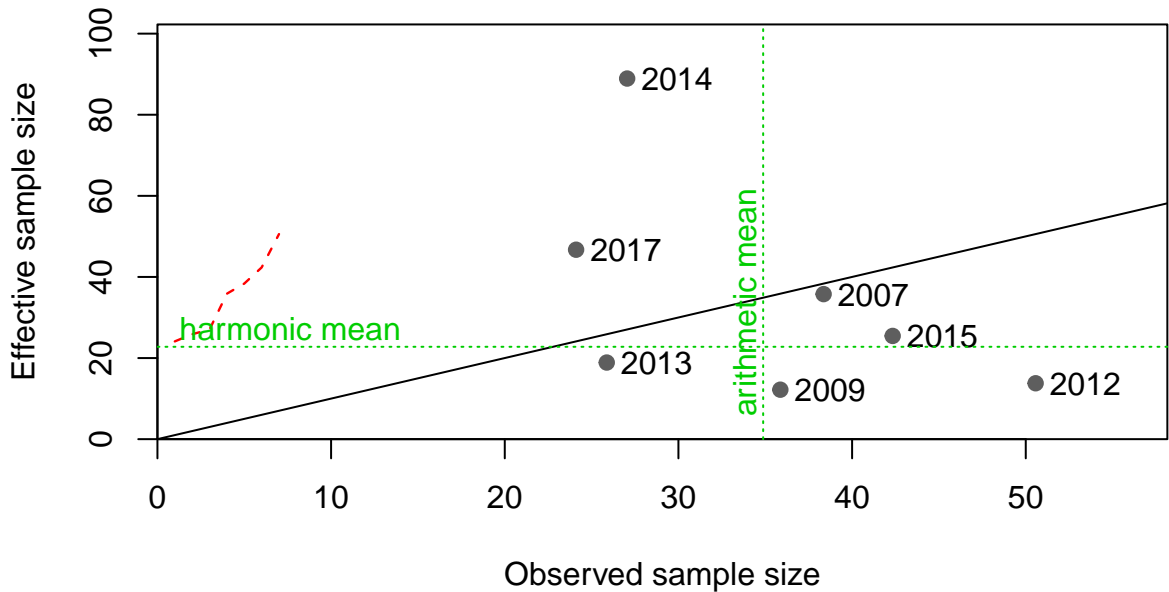


Proportion

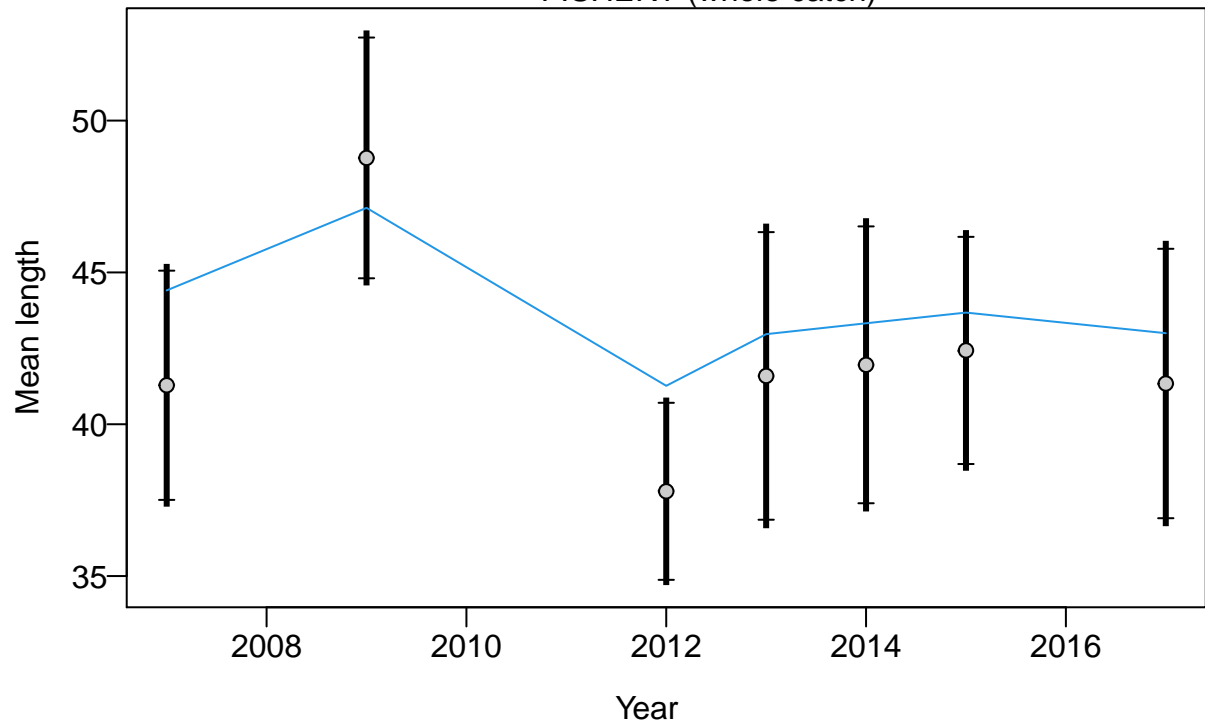


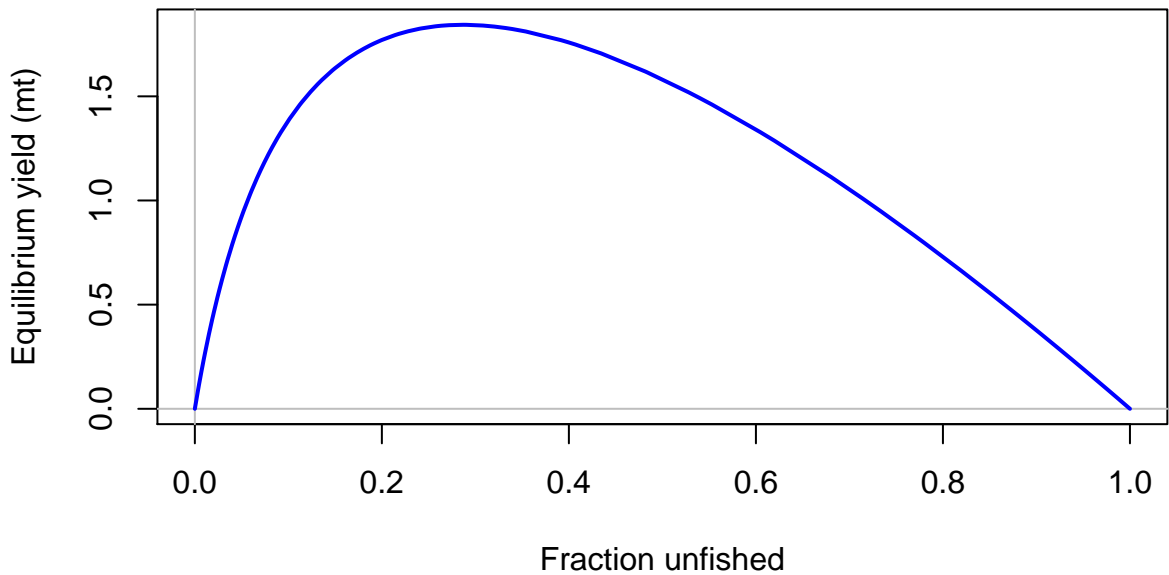
Length (cm)

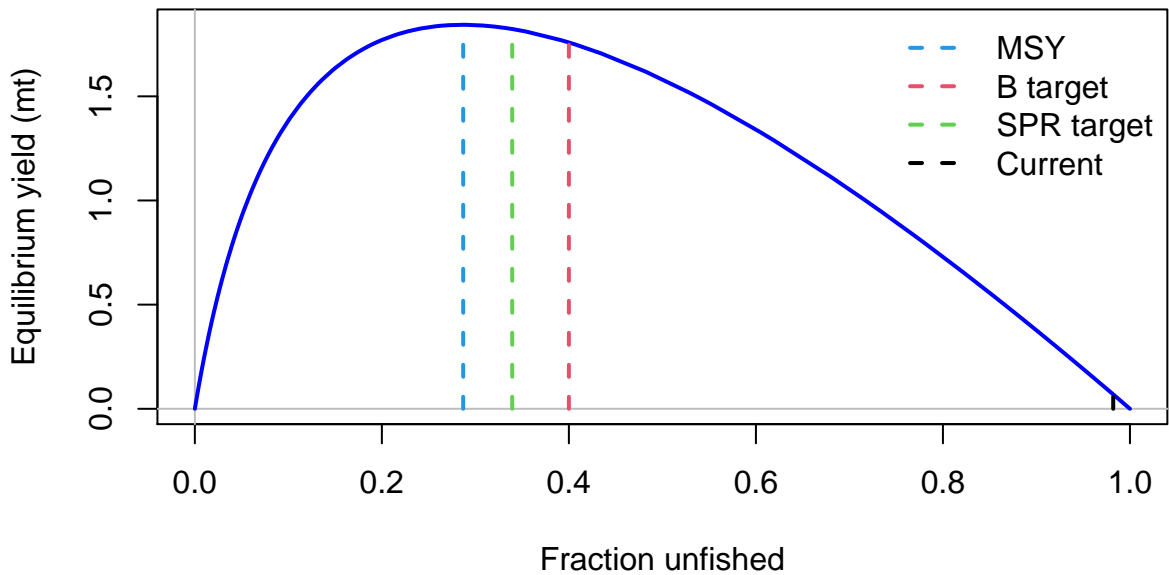


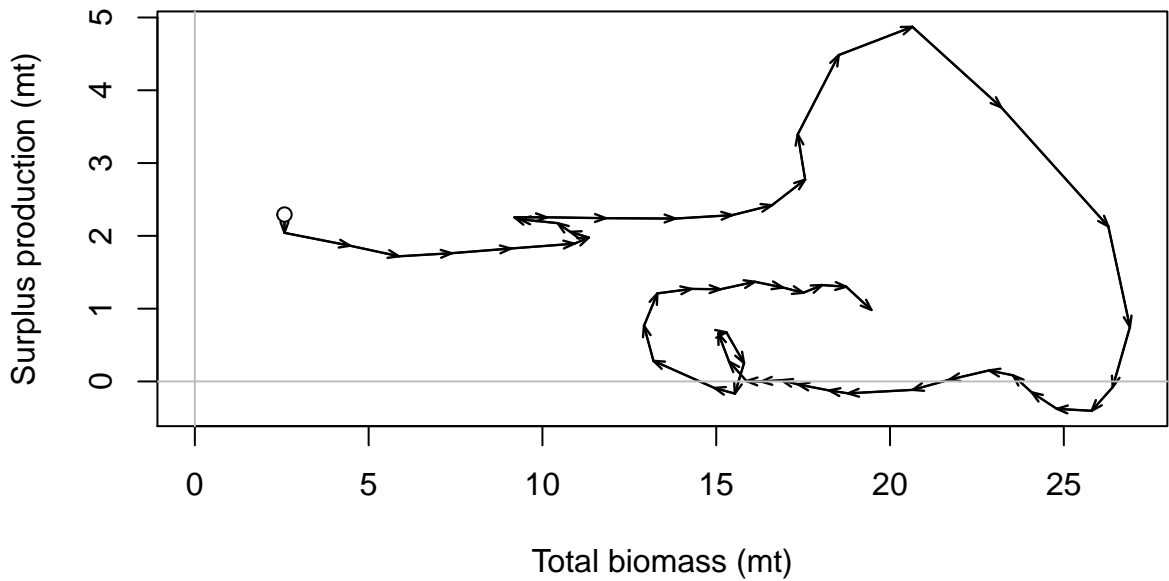


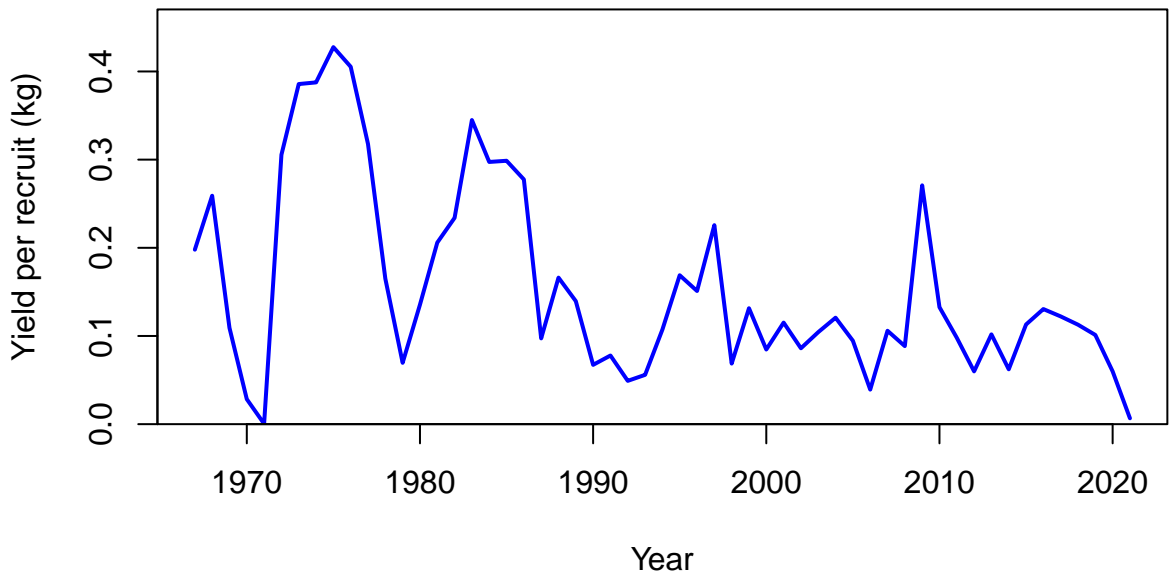
FISHERY (whole catch)

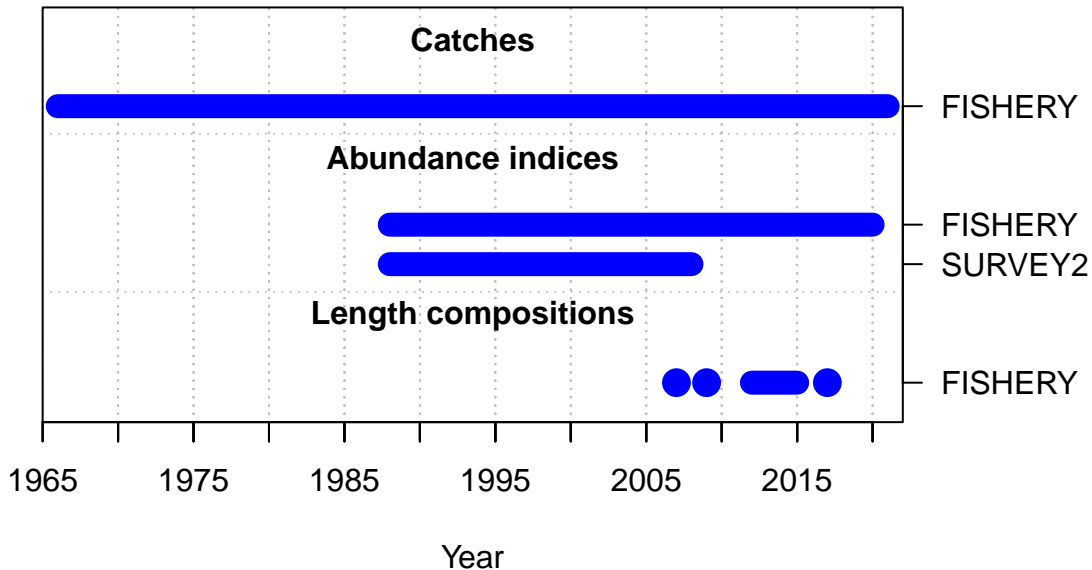


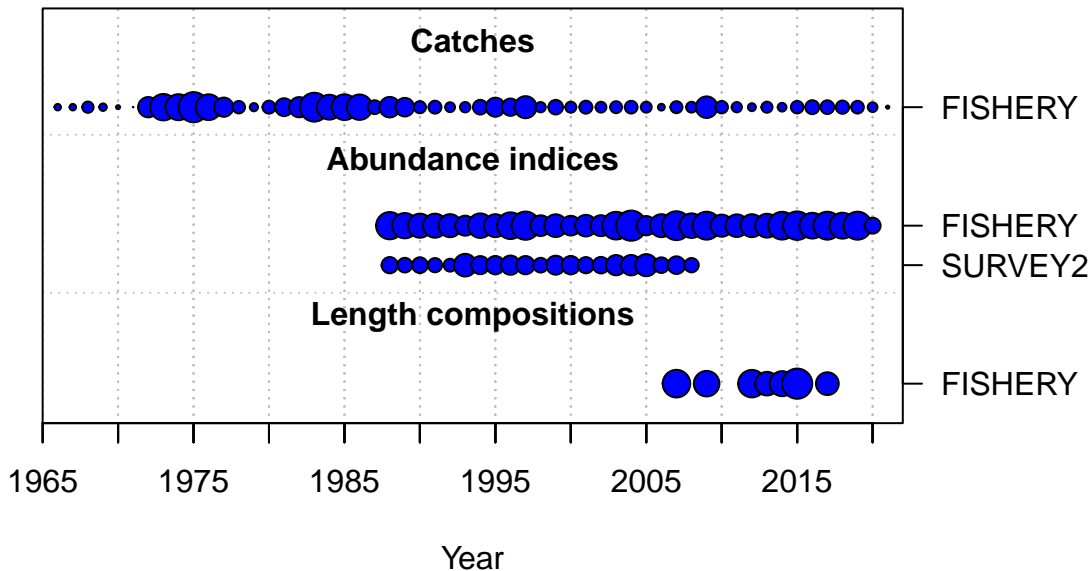




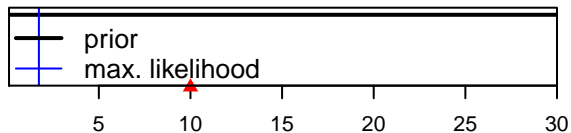




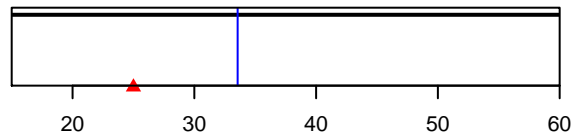




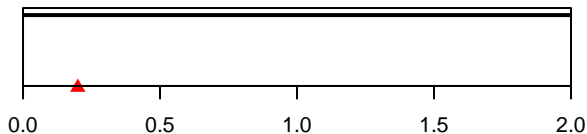
SR_LN(R0)



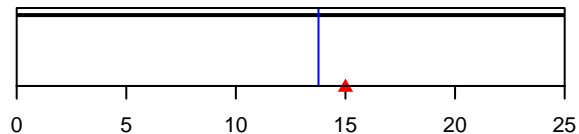
Size_inflection_FISHERY(1)



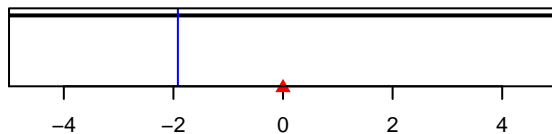
InitF_seas_1_flt_1FISHERY



Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)

