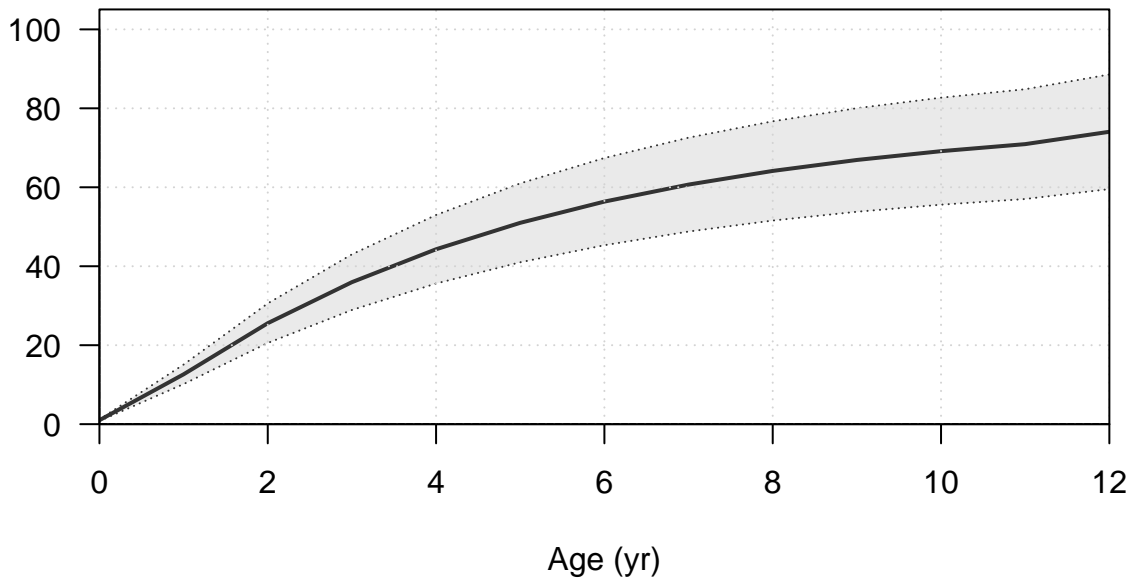
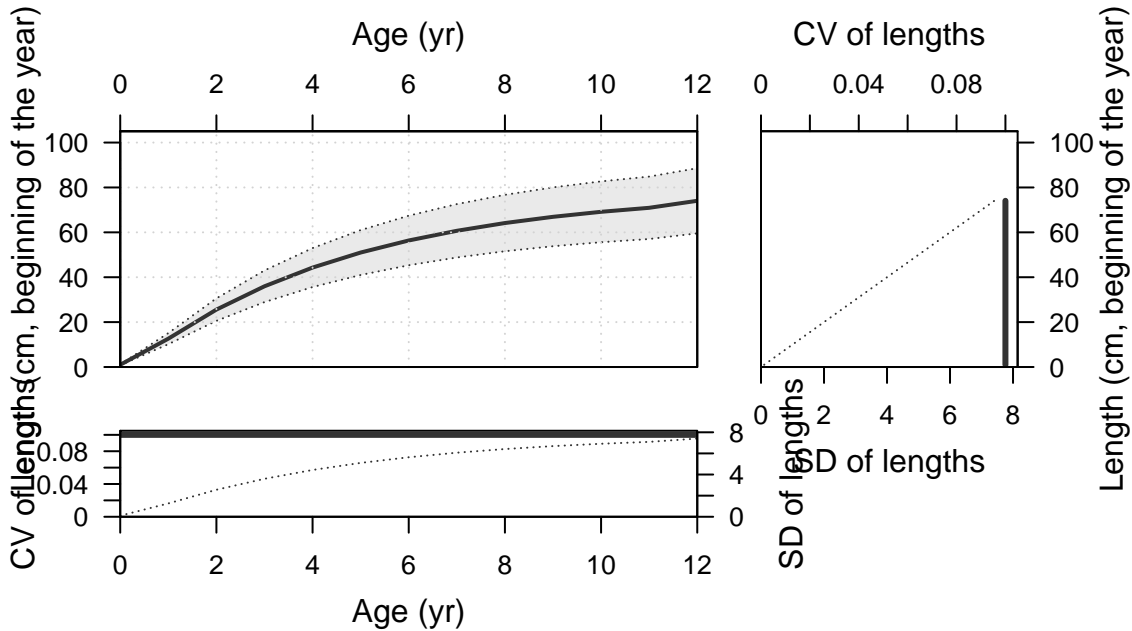
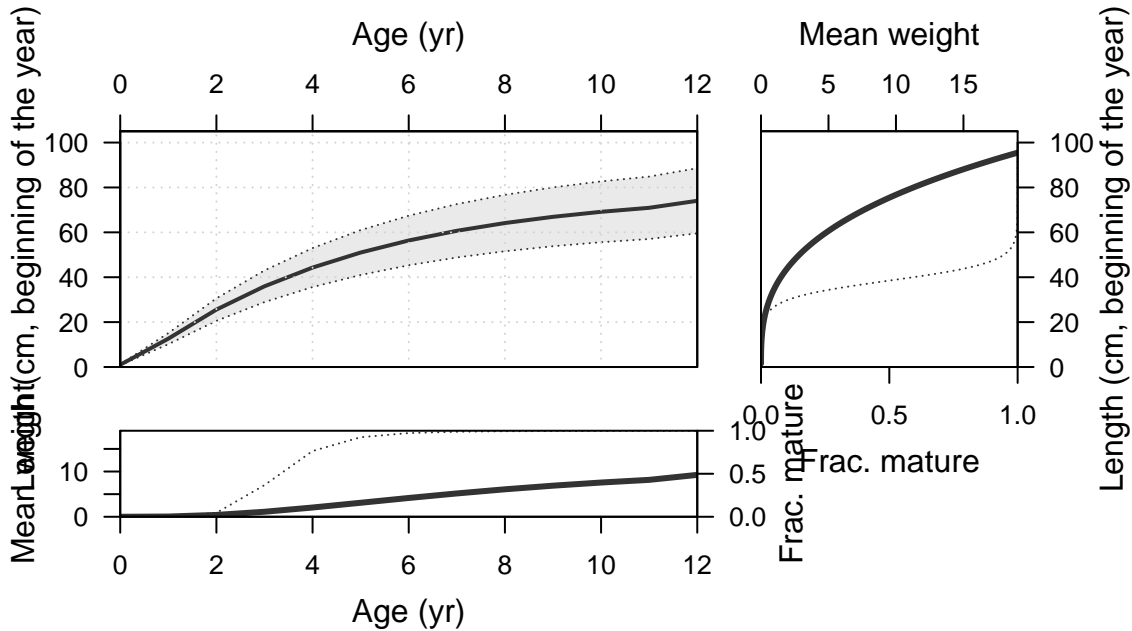


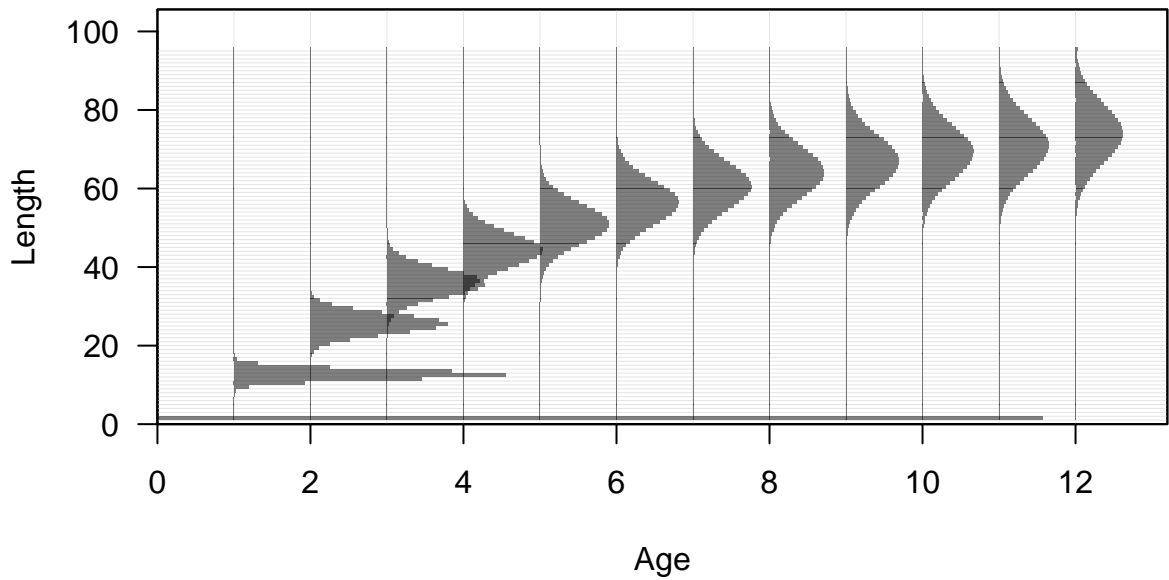
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Tue Jul 12 09:01:09 2022
Data_File: data.ss
Control_File: control.ss

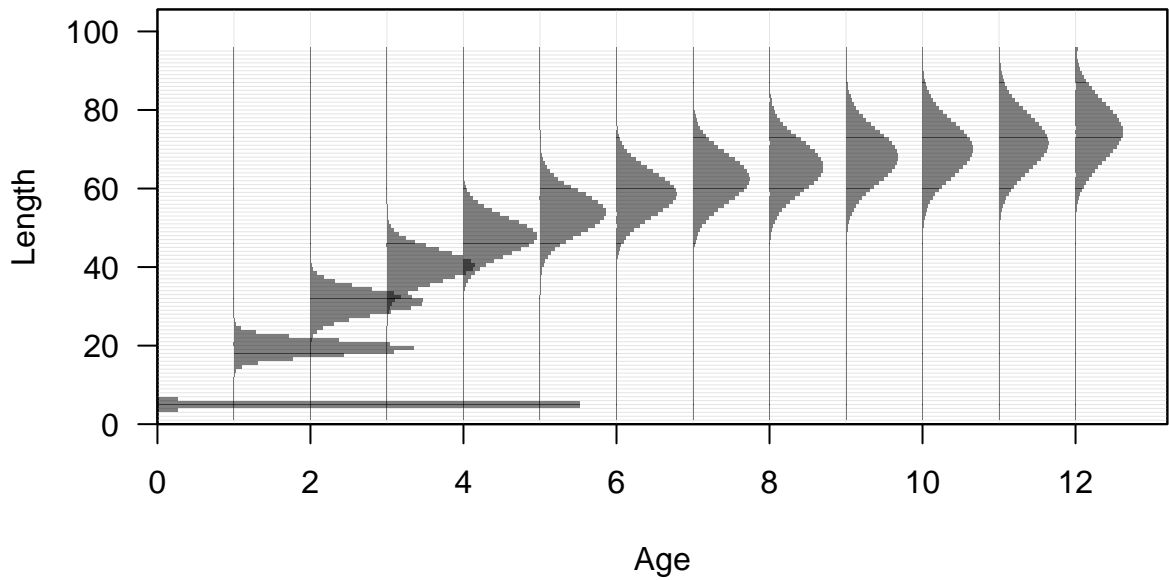
Length (cm, beginning of the year)



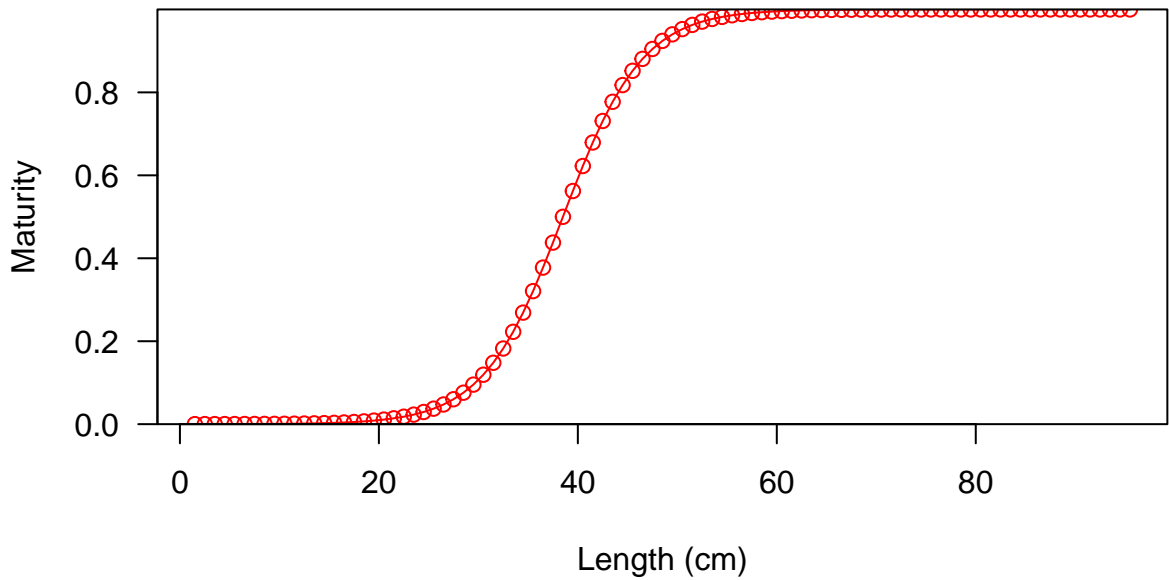














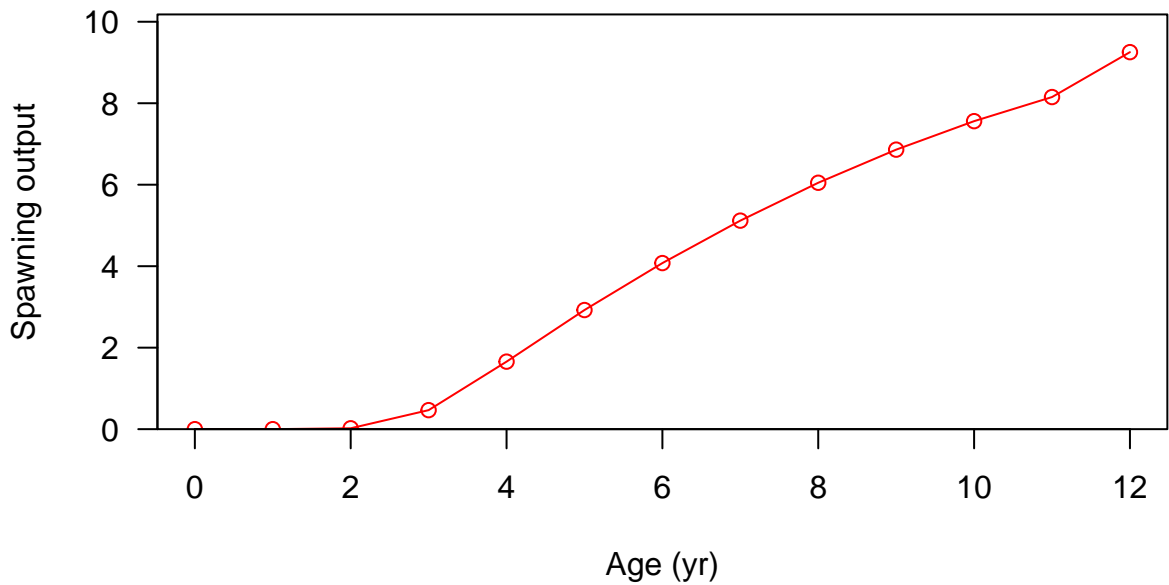
Fecundity



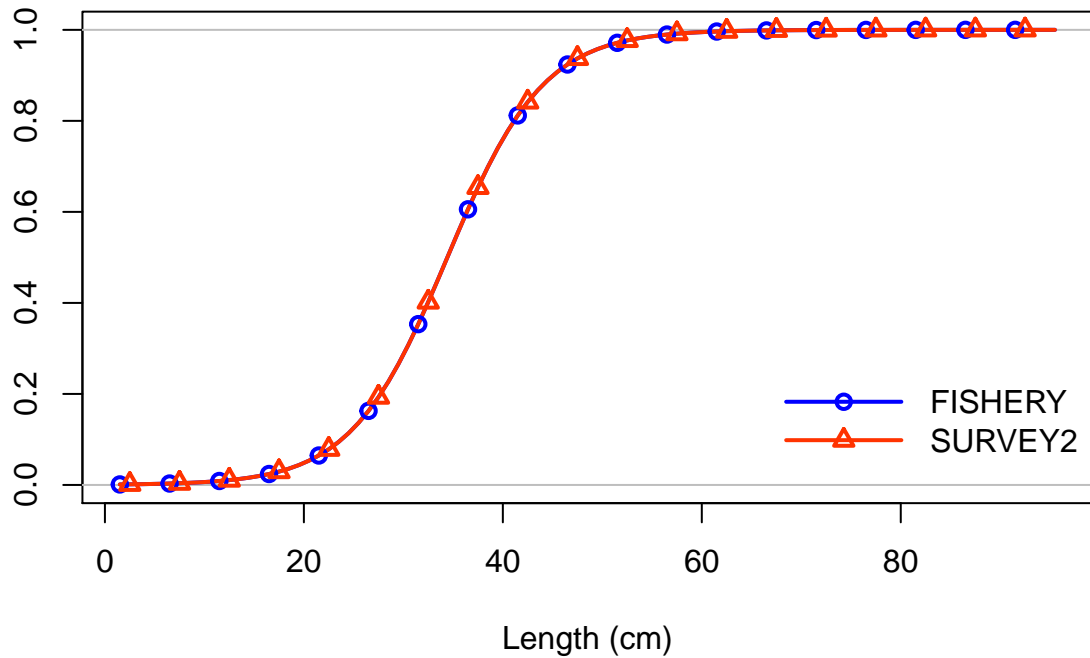


Spawning output

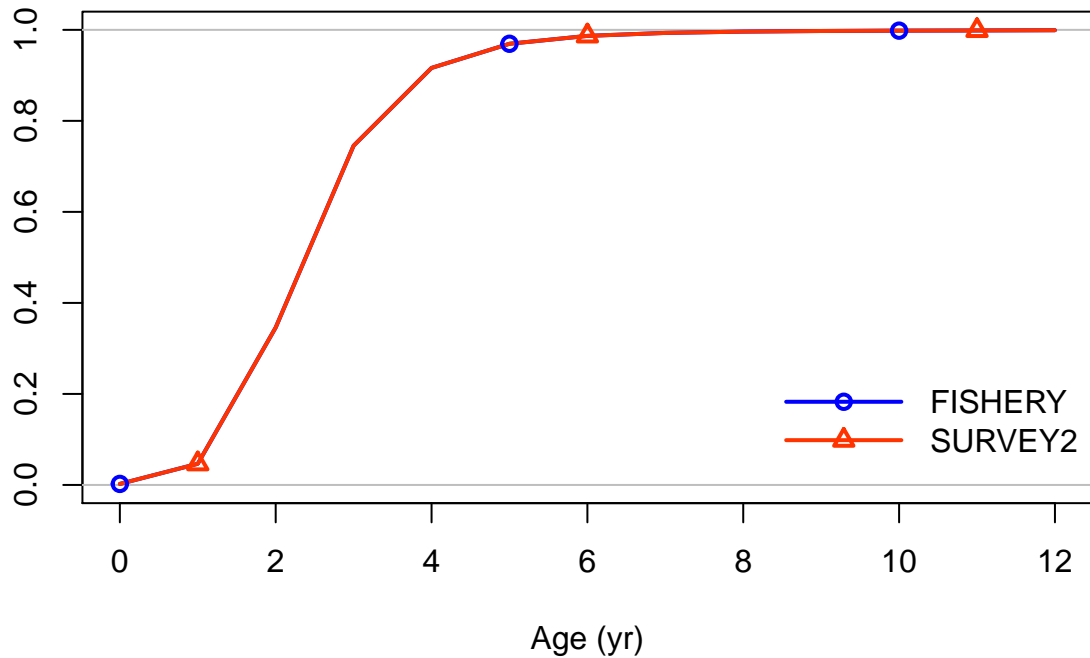




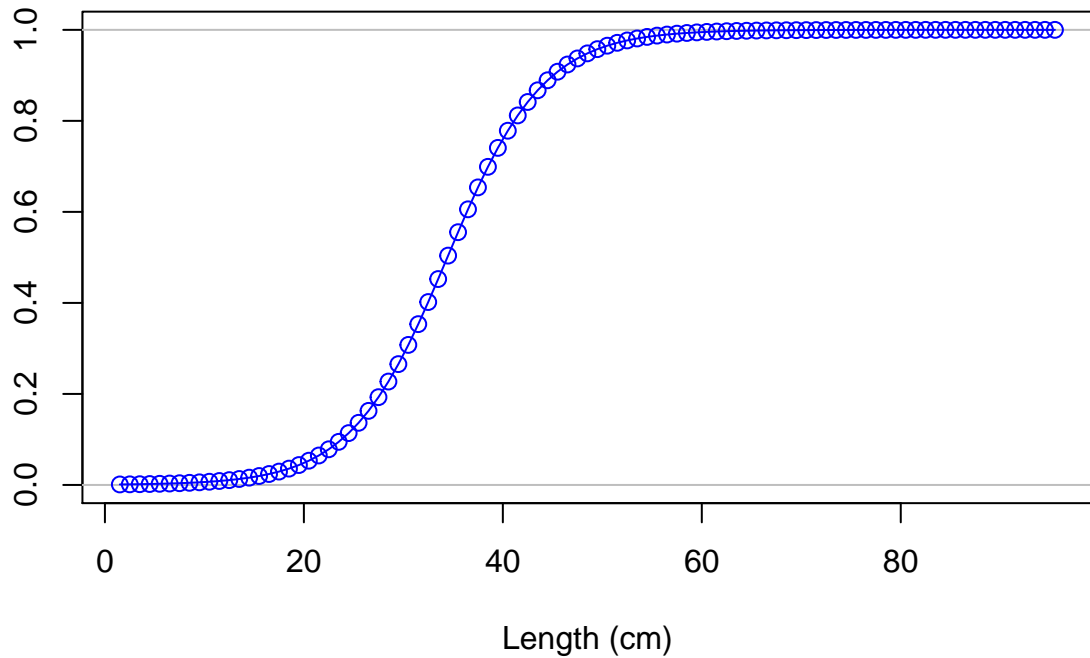
Selectivity



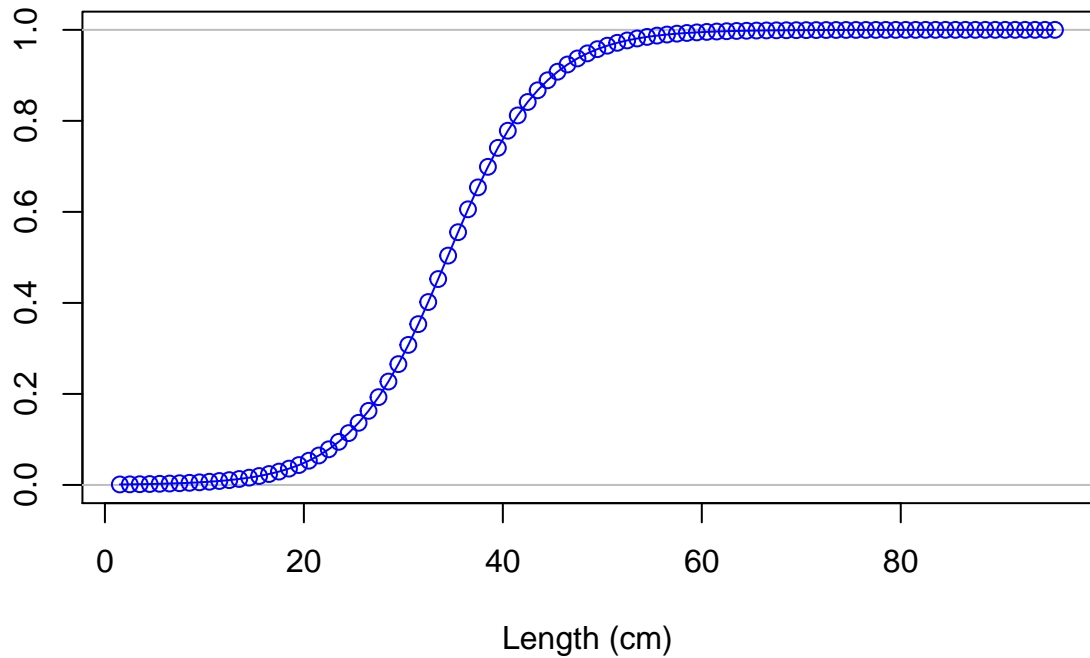
Selectivity

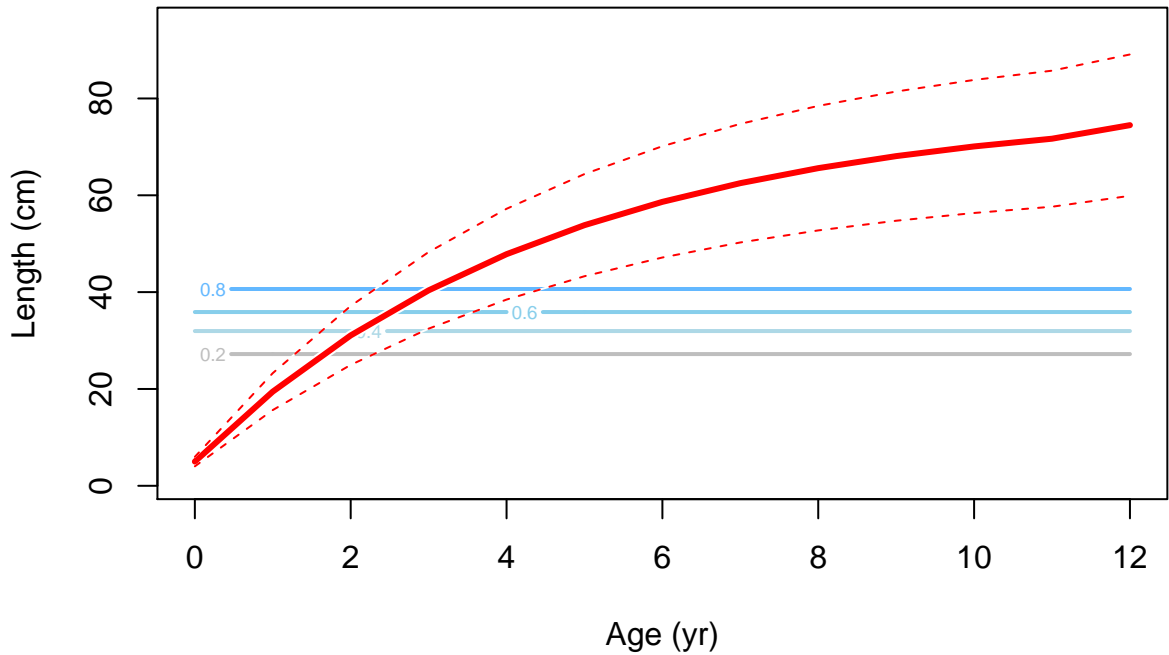


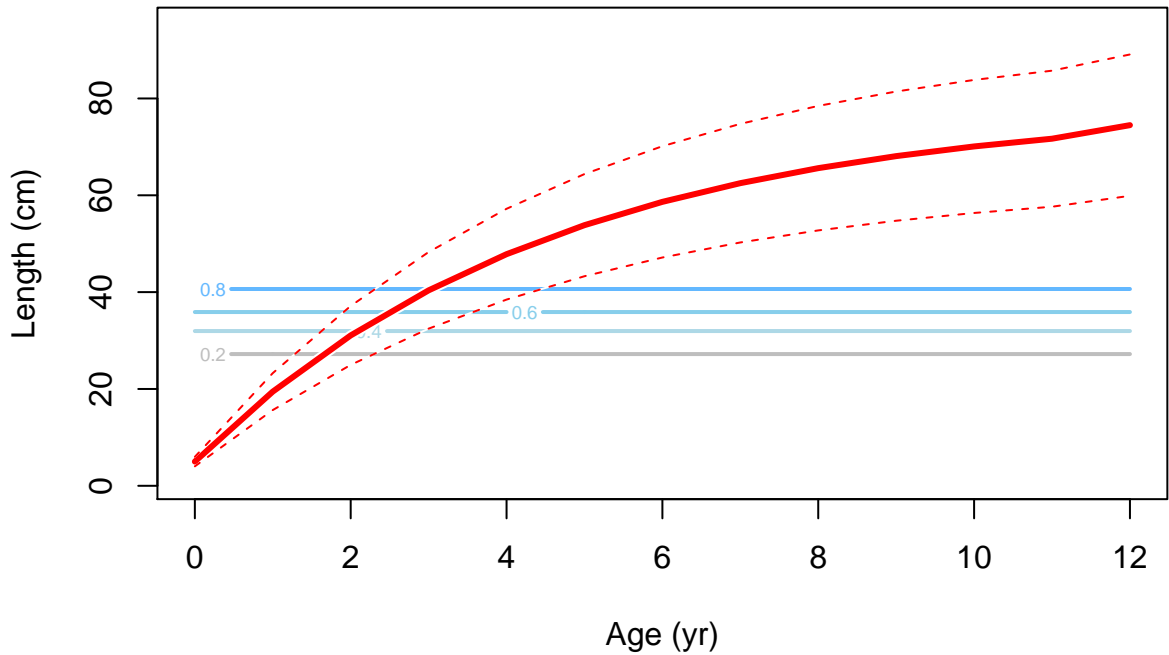
Selectivity



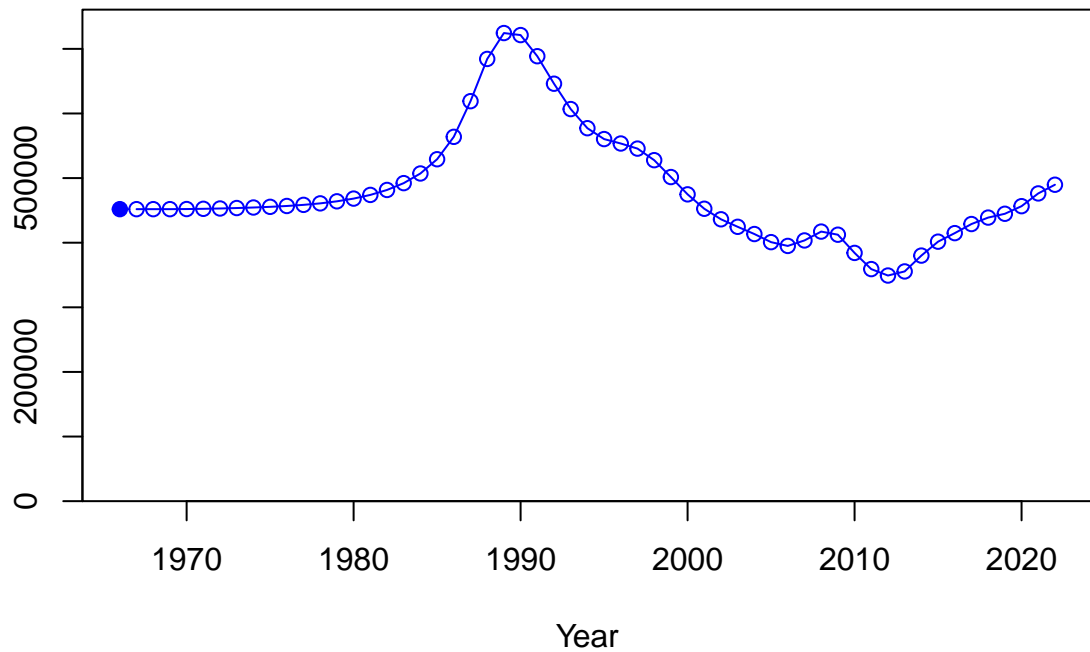
Selectivity



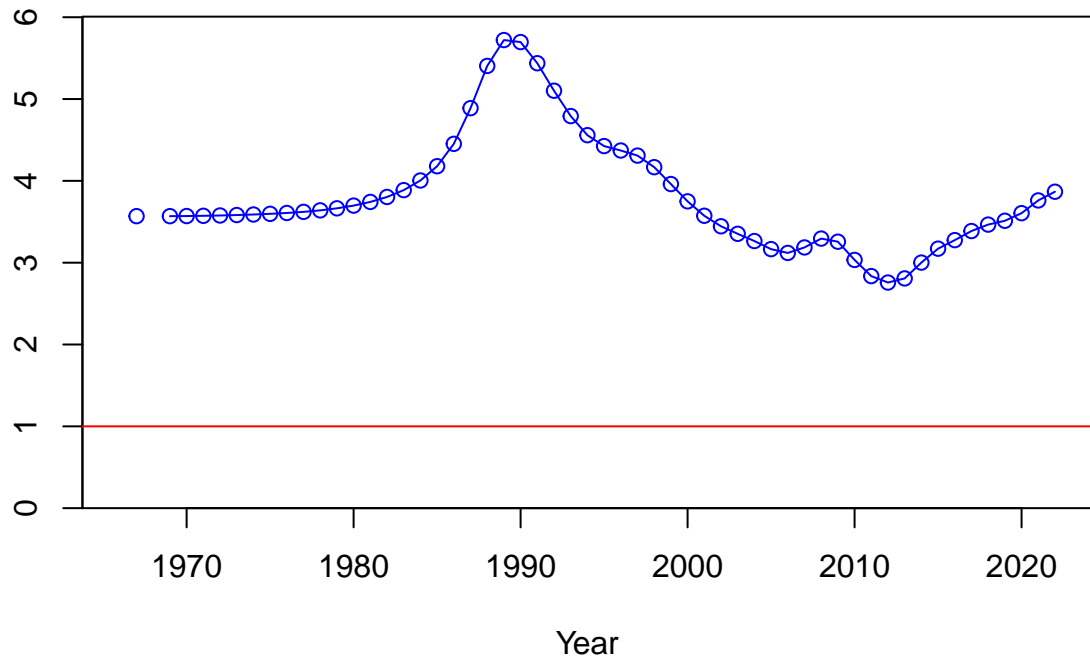


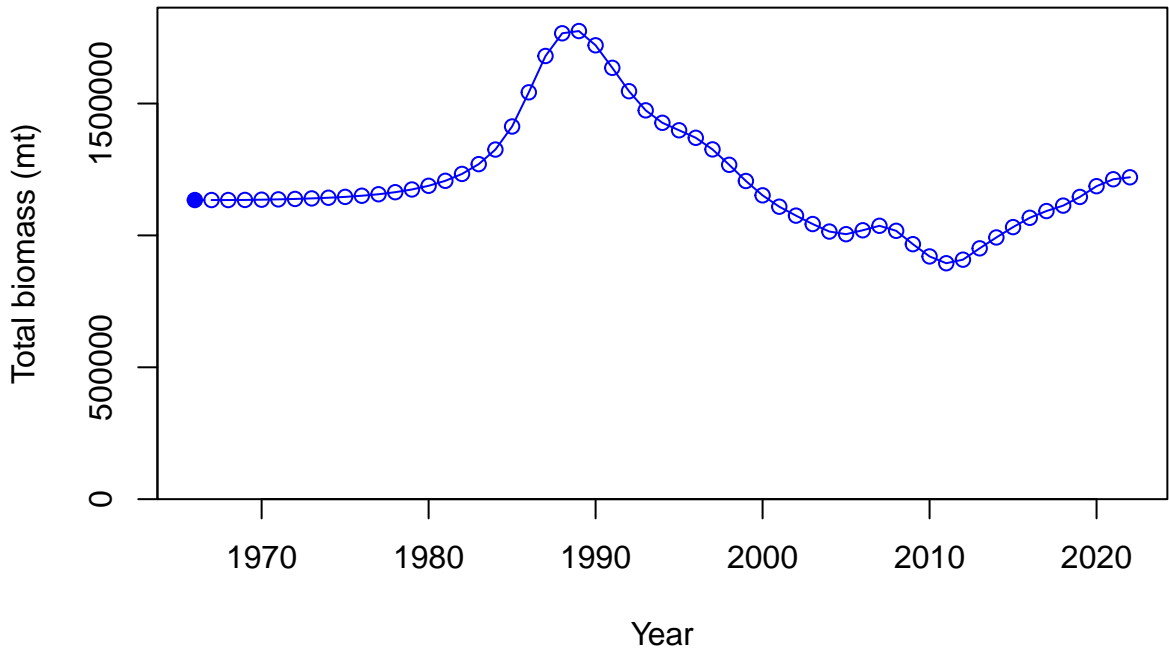


Spawning biomass (mt)

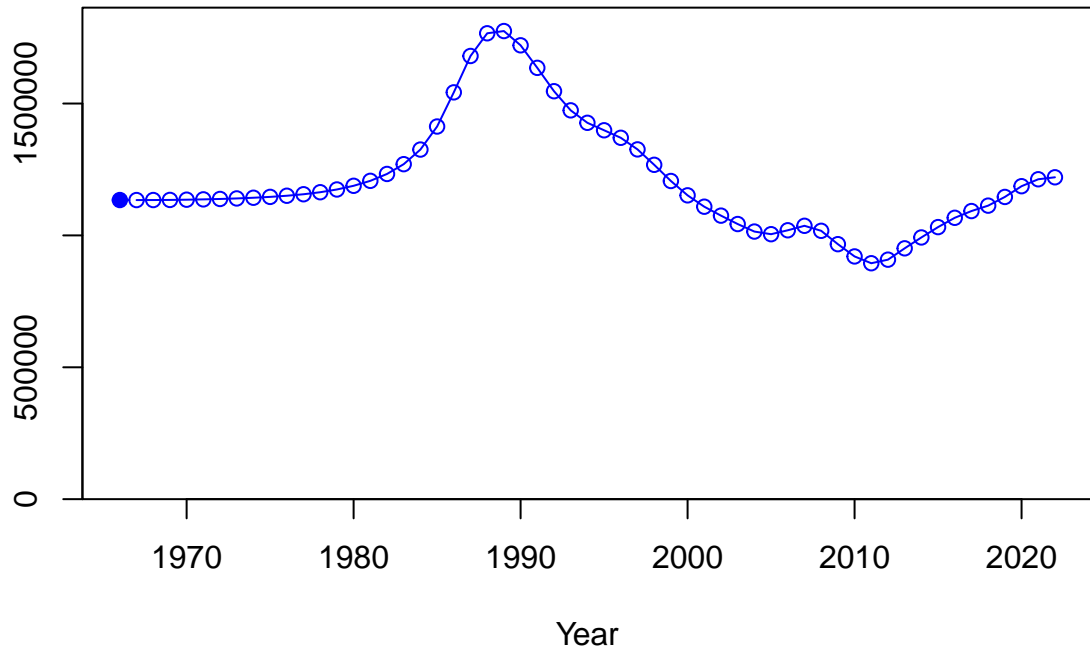


Relative spawning biomass: B/B_{MSY}

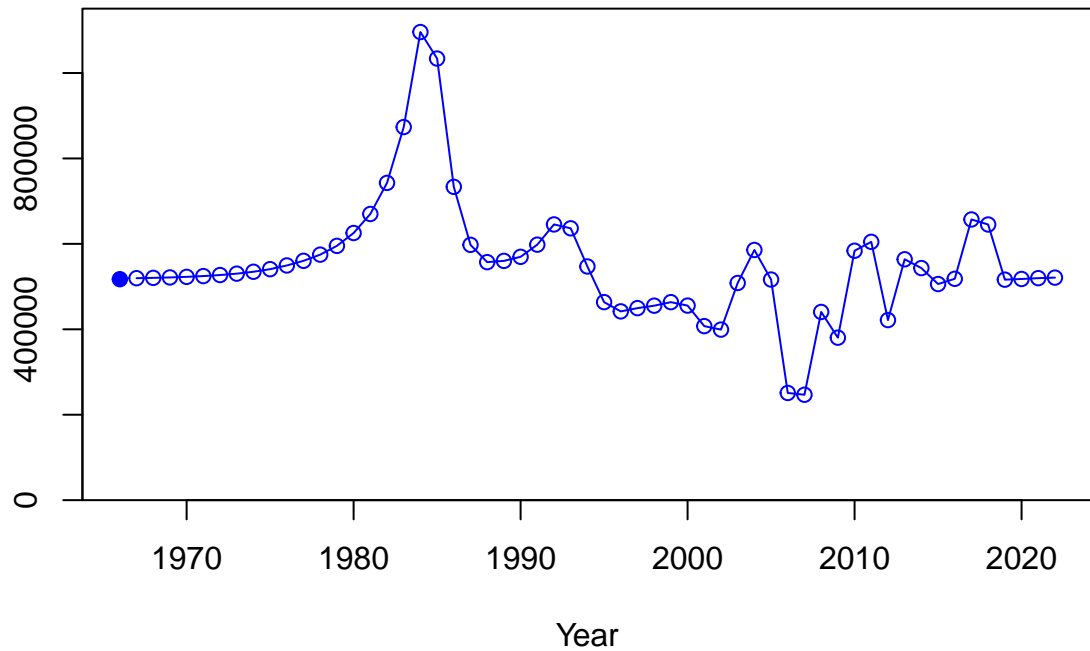




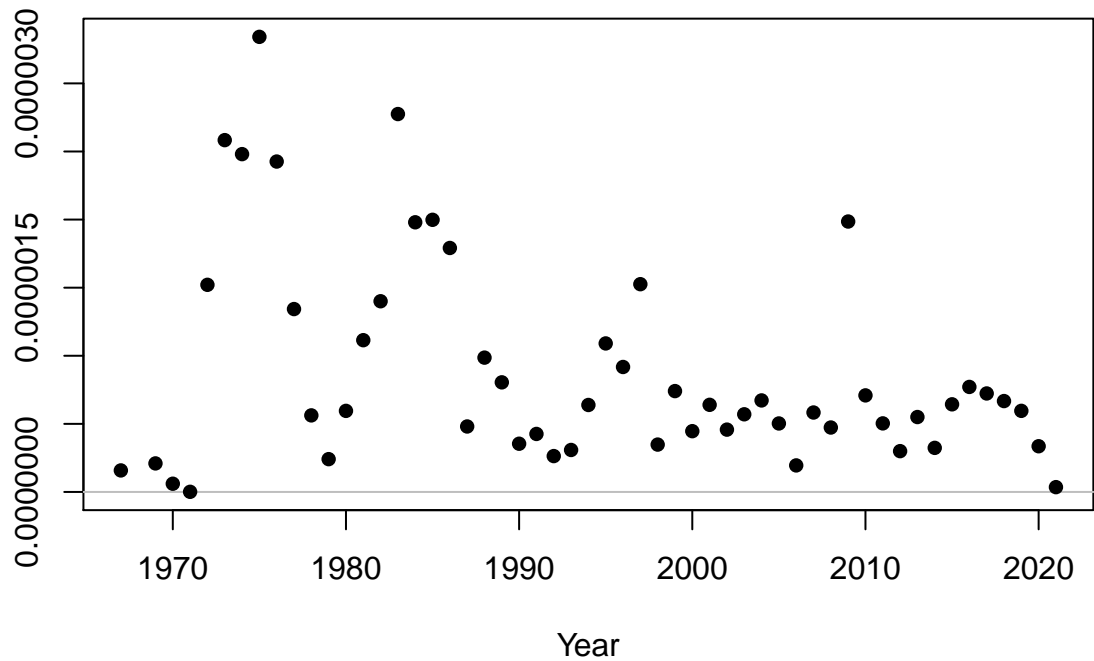
Summary biomass (mt)

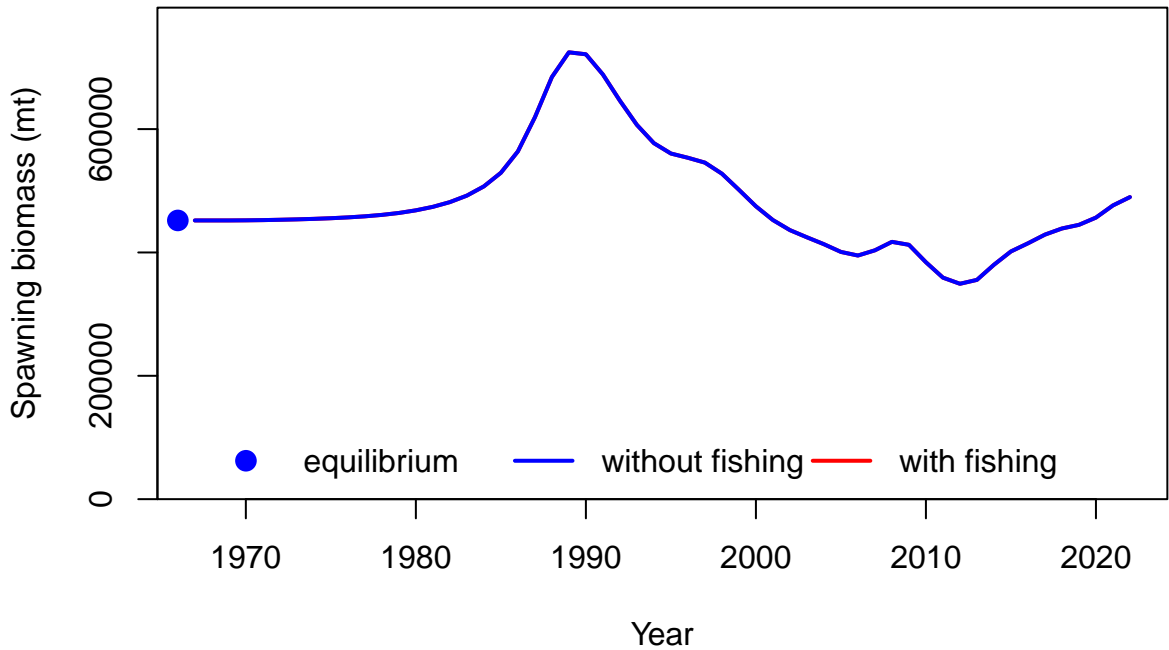


Age-0 recruits (1,000s)

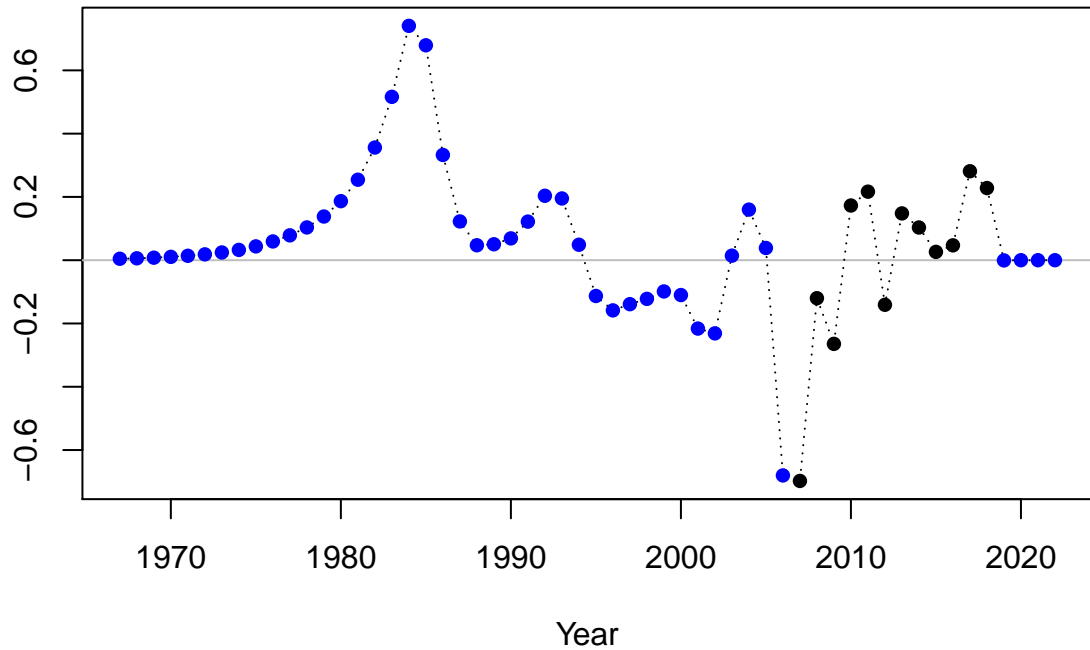


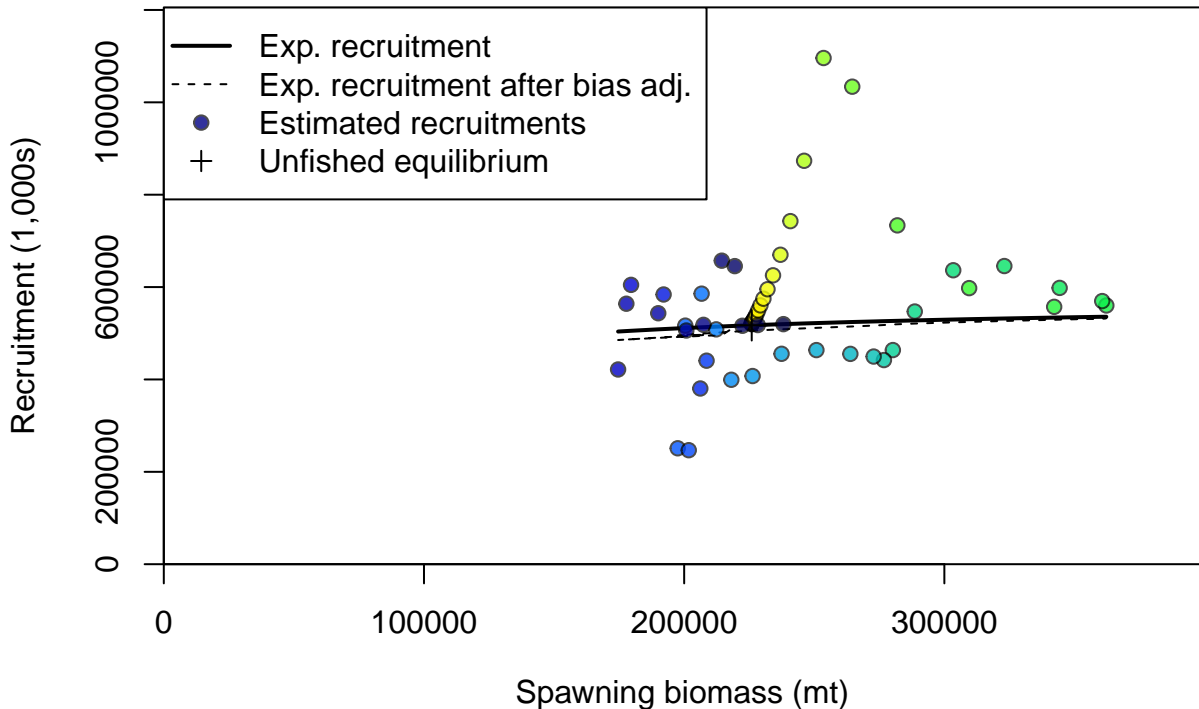
Summary Fishing Mortality

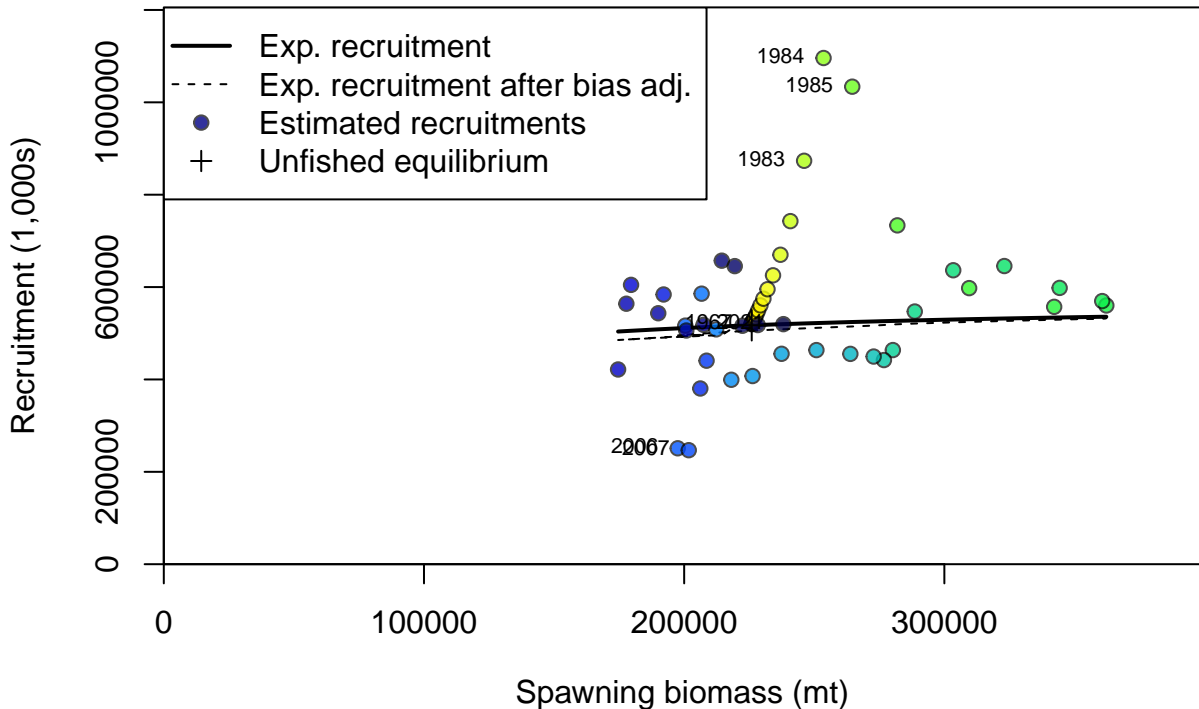


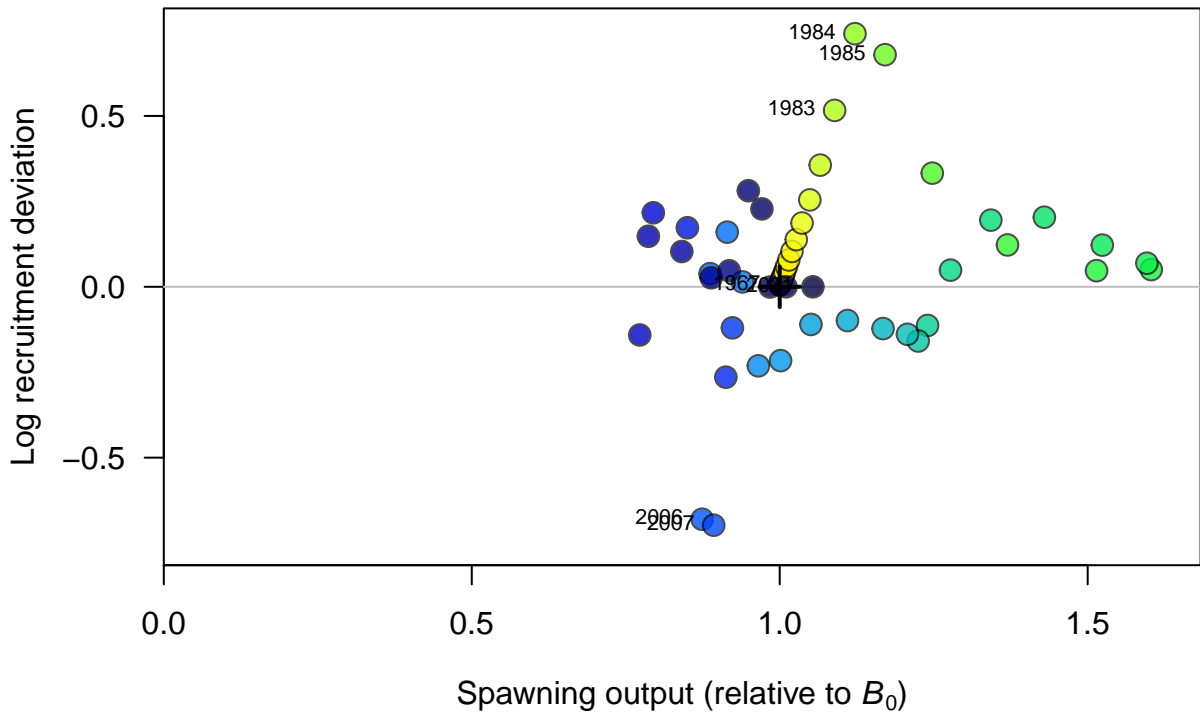


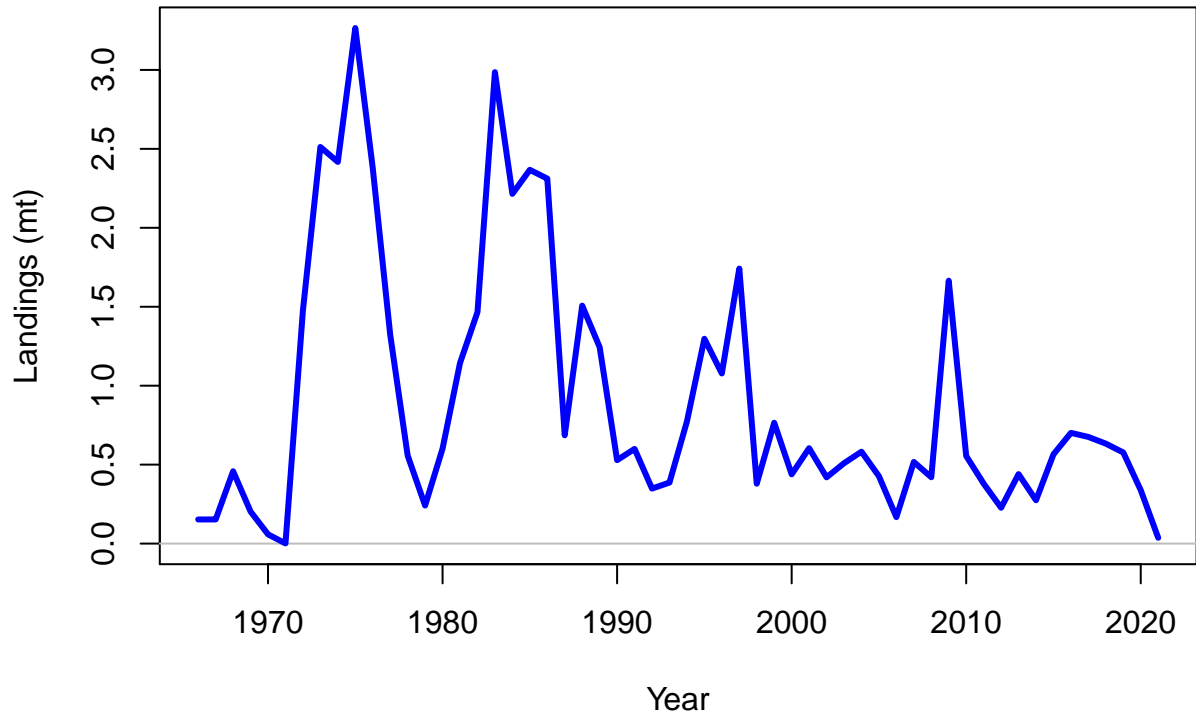
Log recruitment deviation



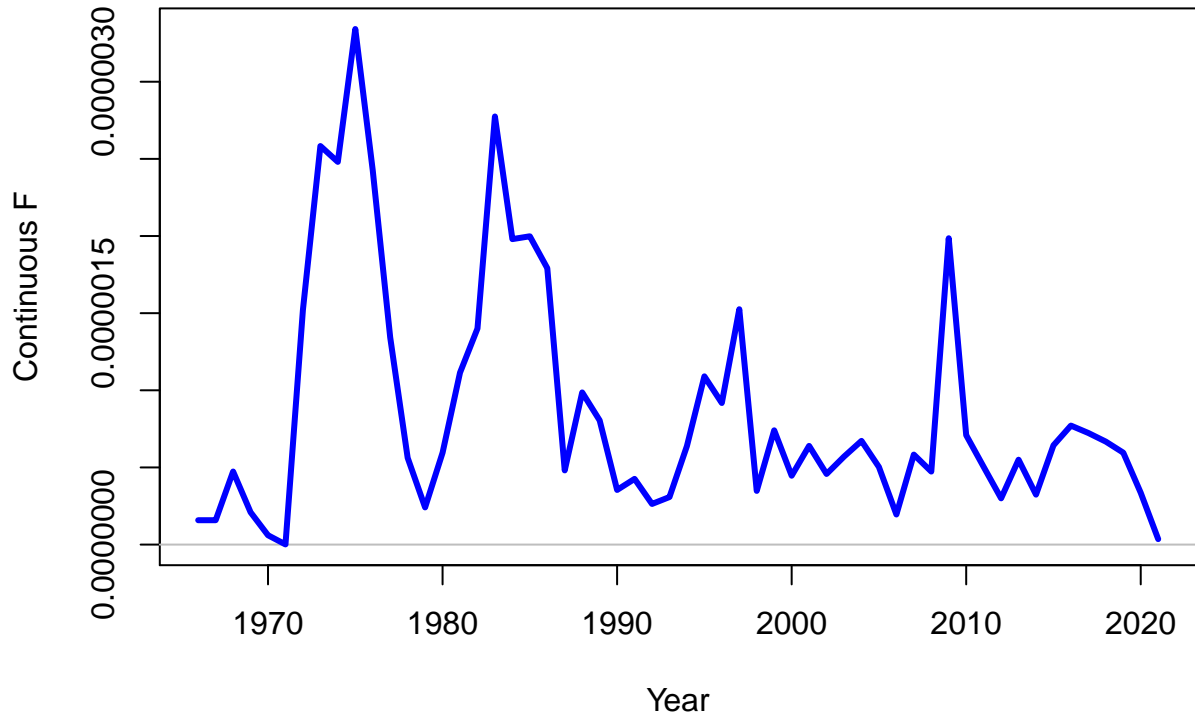




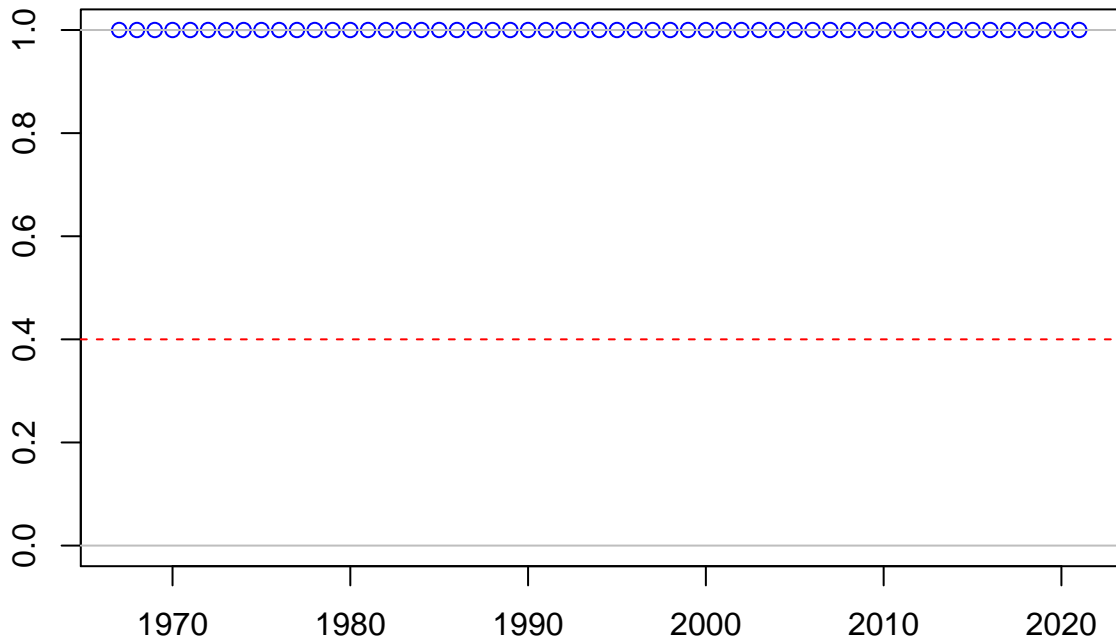






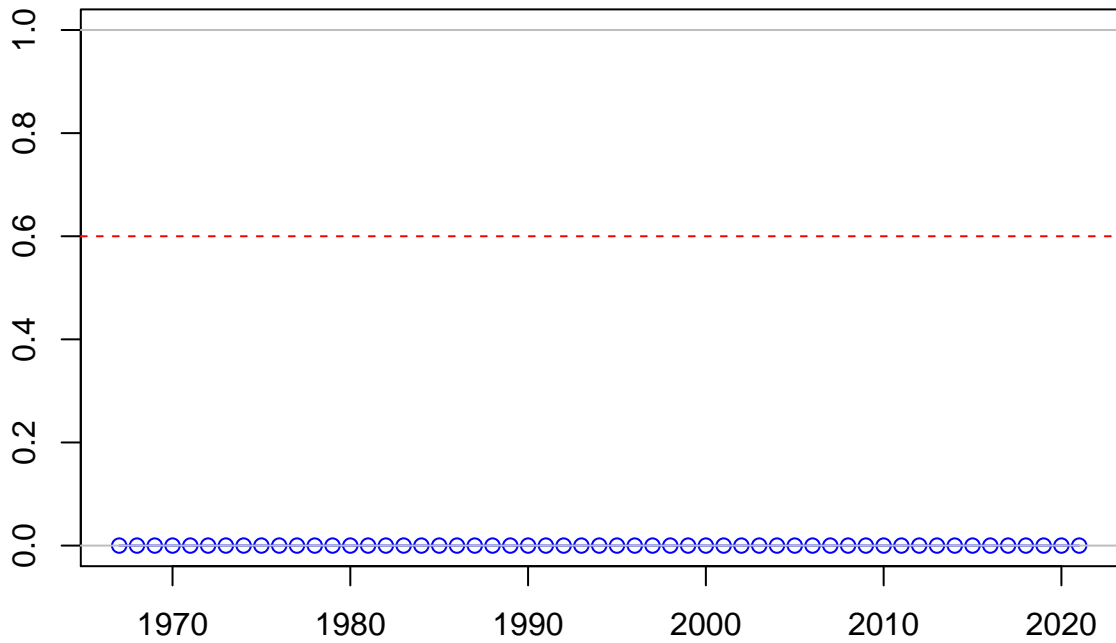


SPR



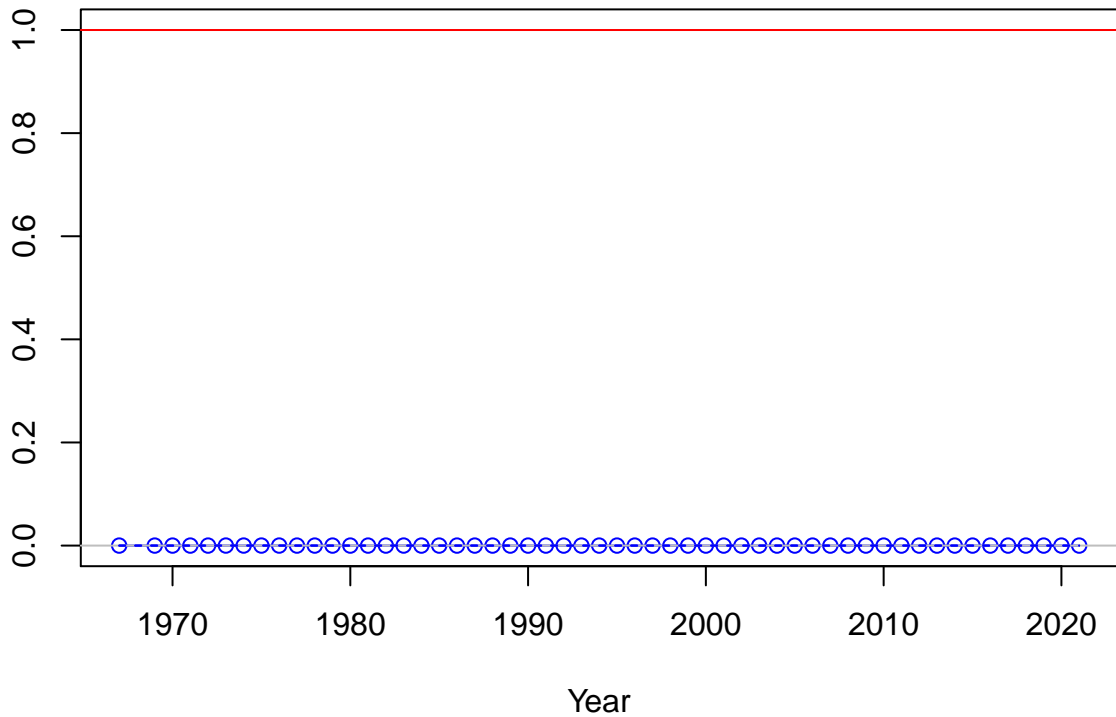
Year

1-SPR

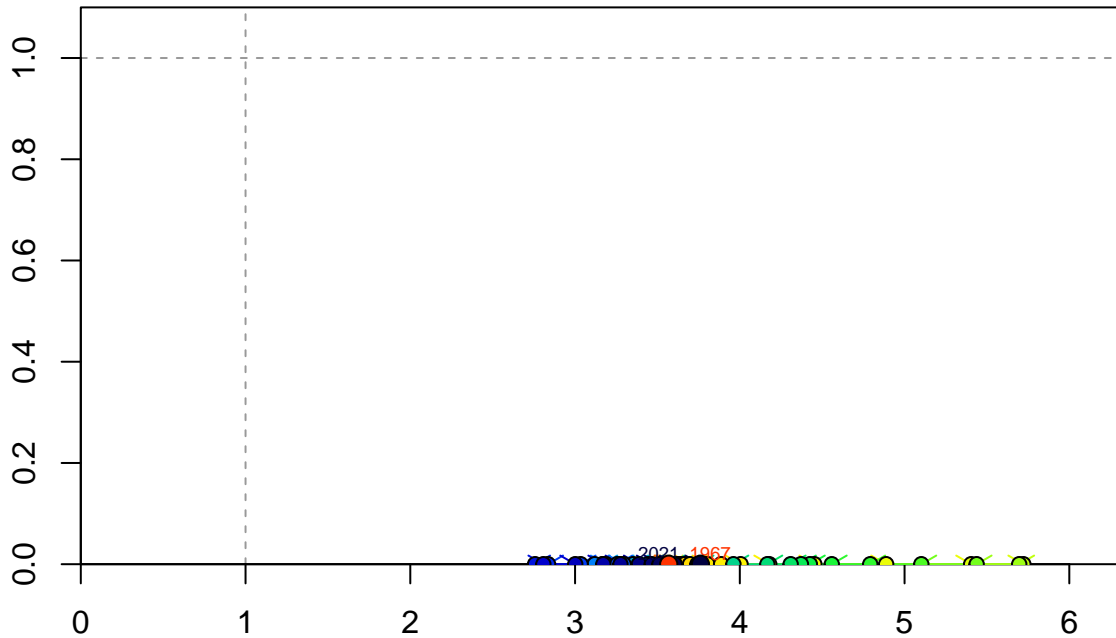


Year

Fishing intensity: 1-SPR

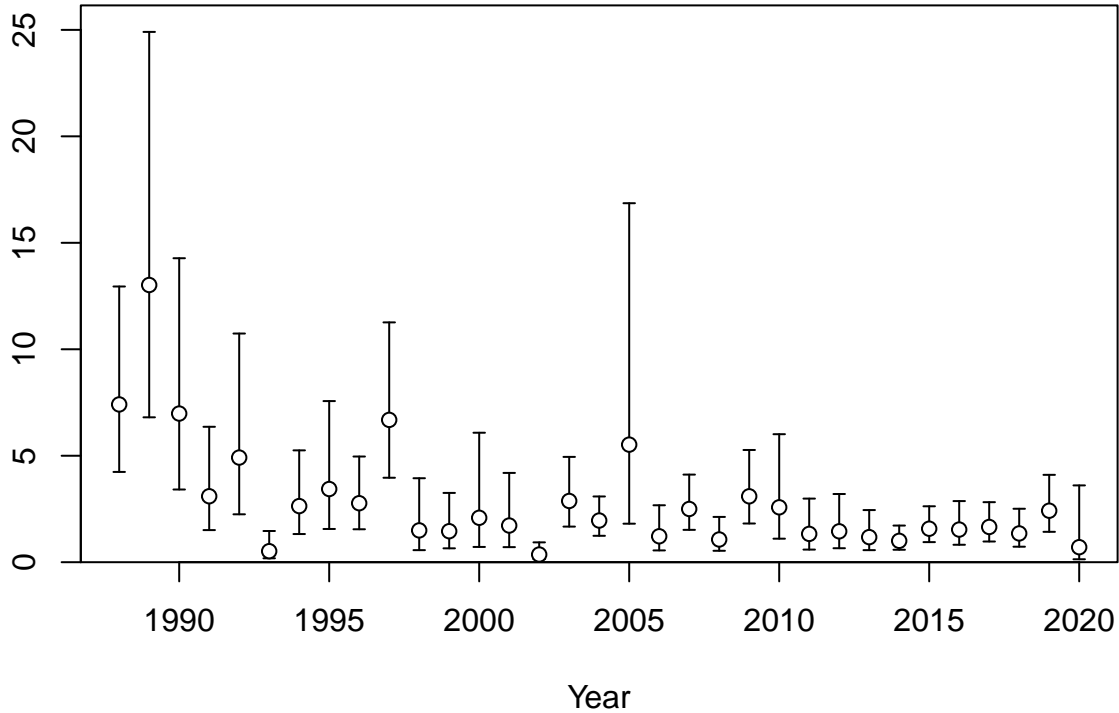


Fishing intensity: 1-SPR

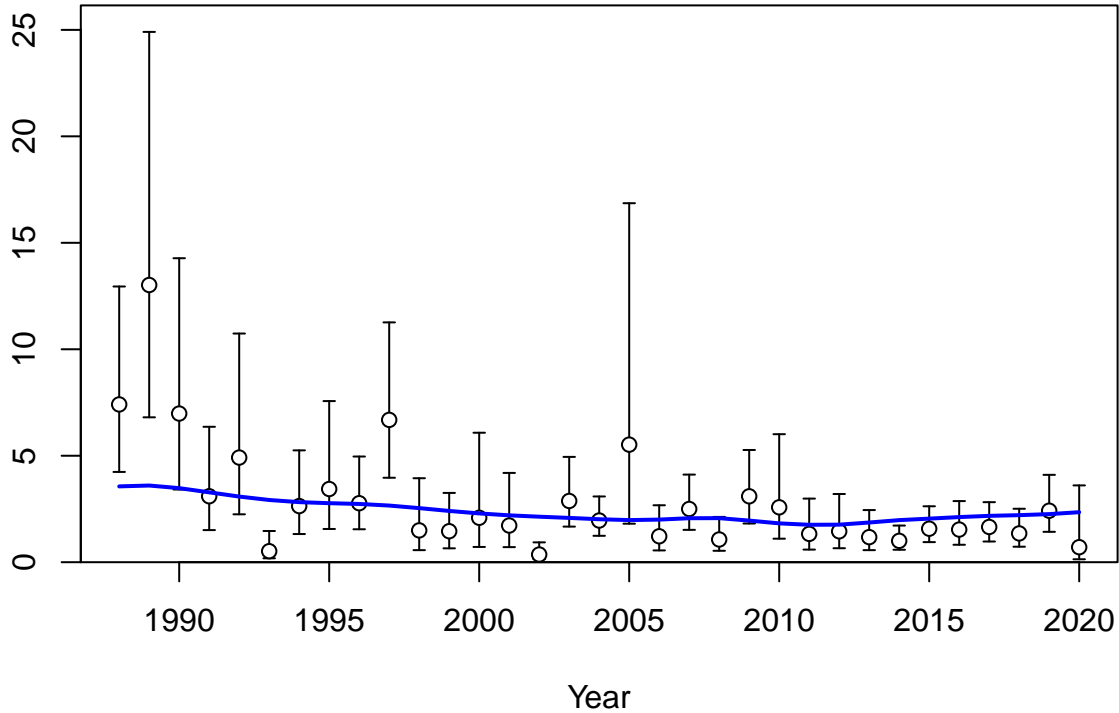


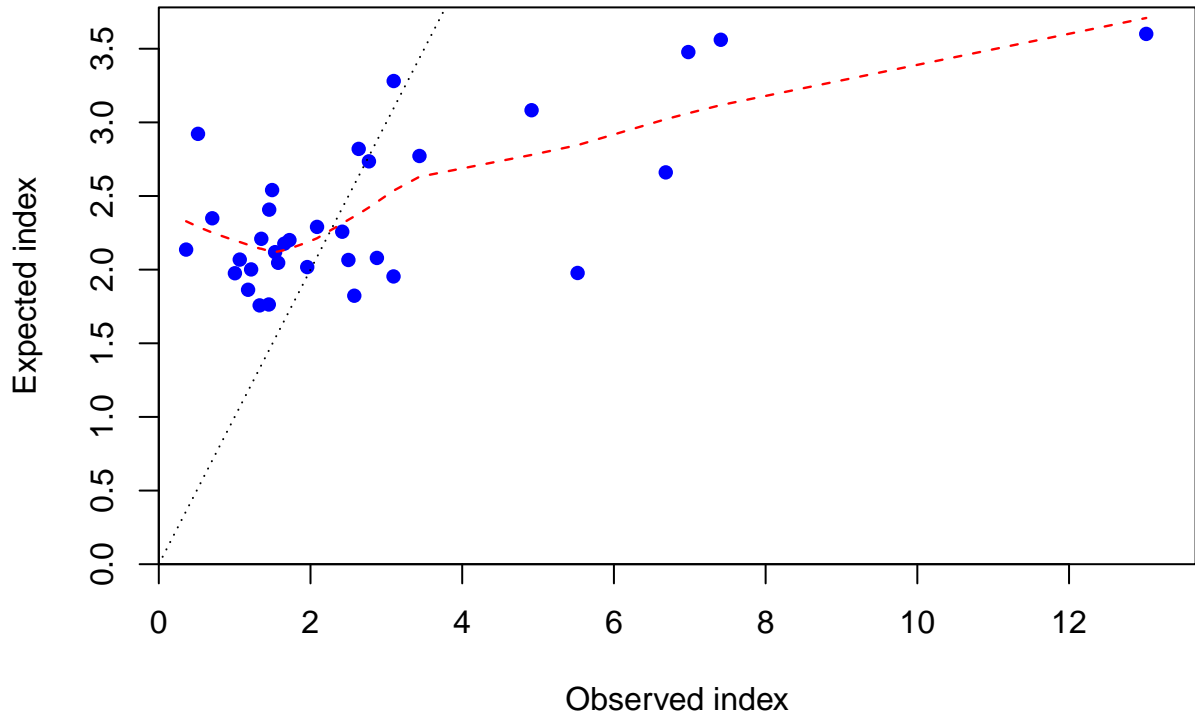
Relative spawning output: B/B_{MSY}

Index

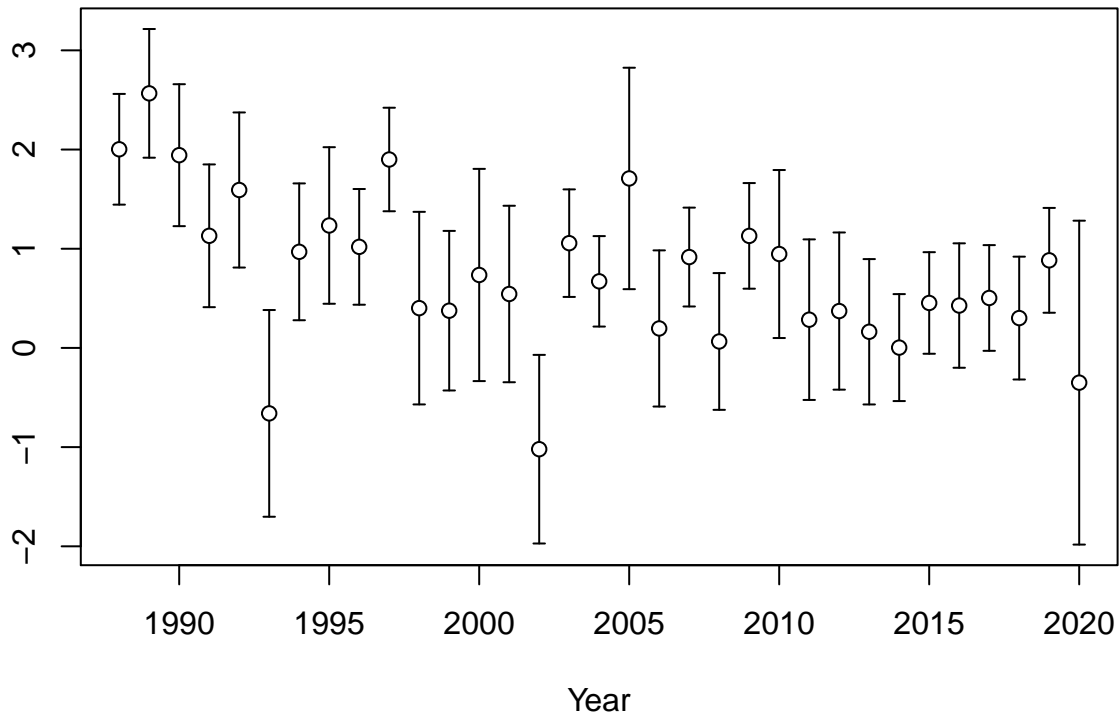


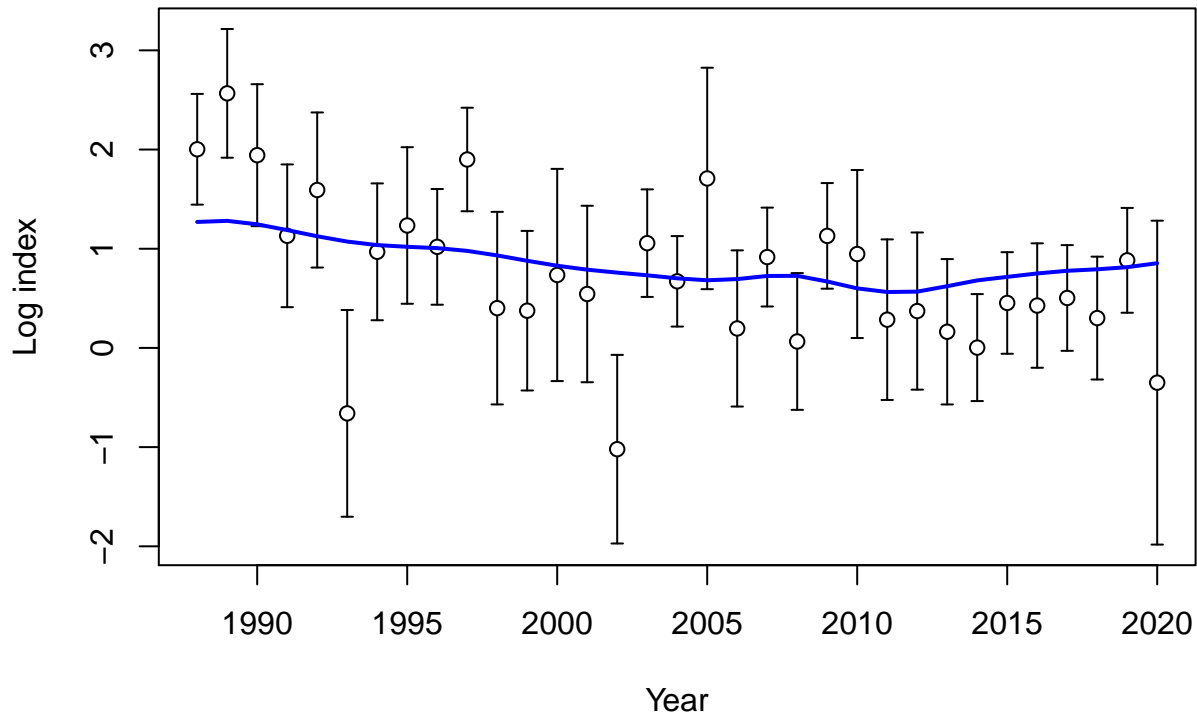
Index



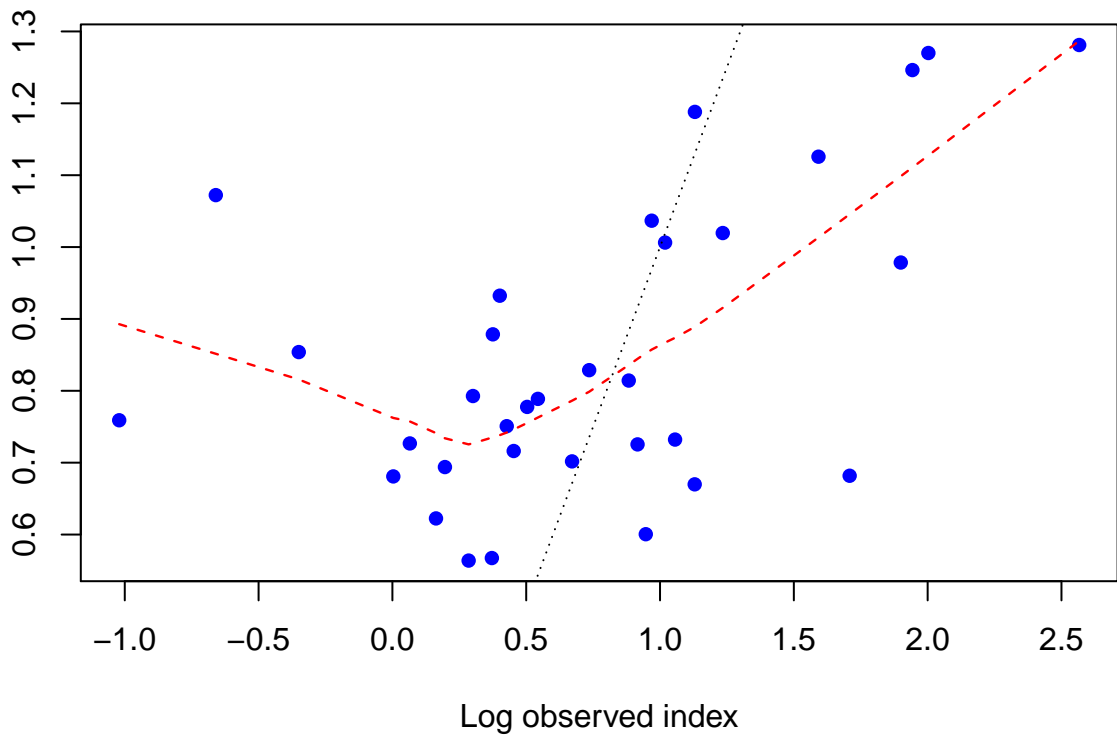


Log index

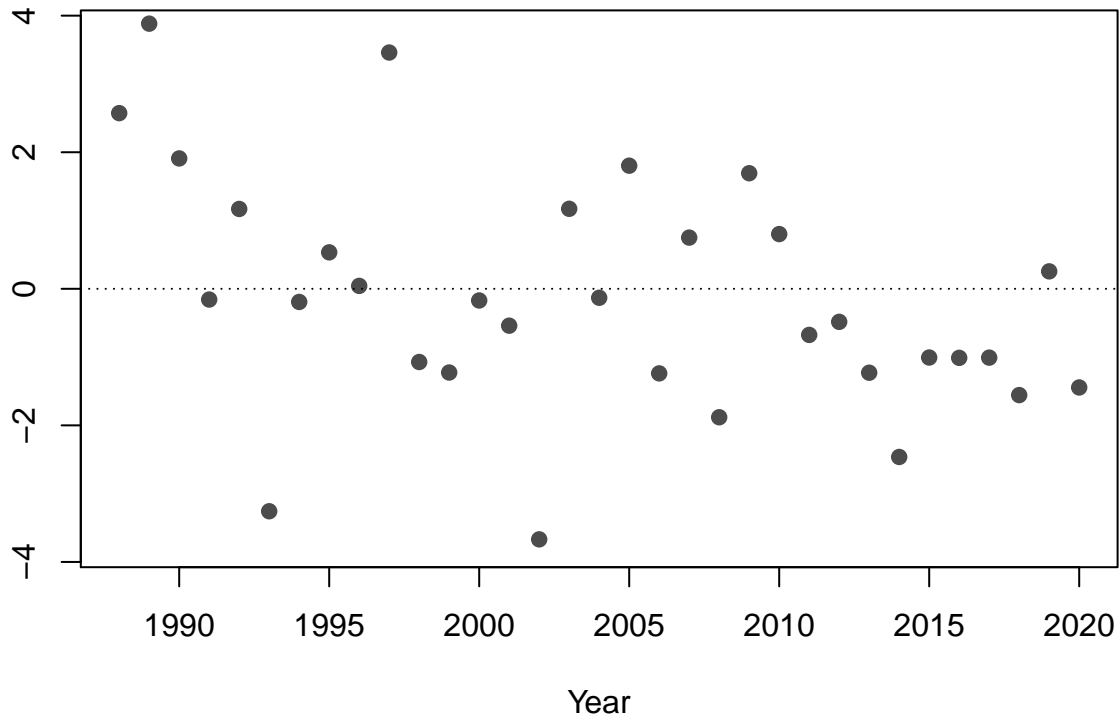


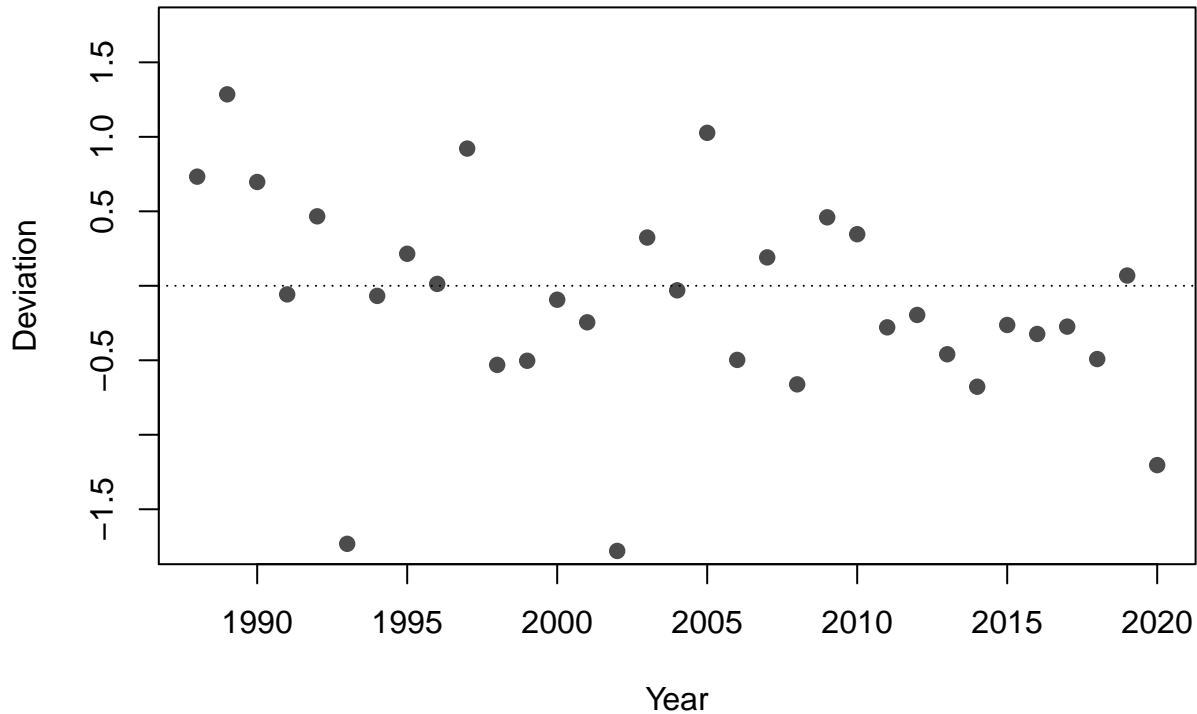


Log expected index

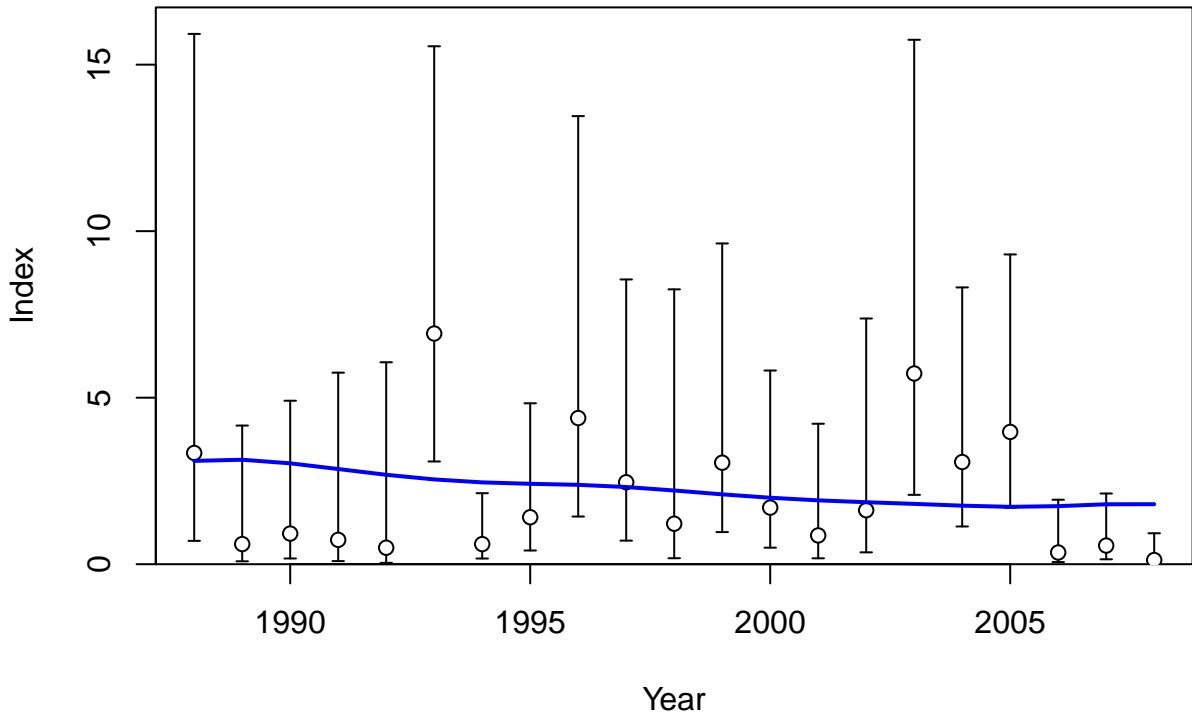


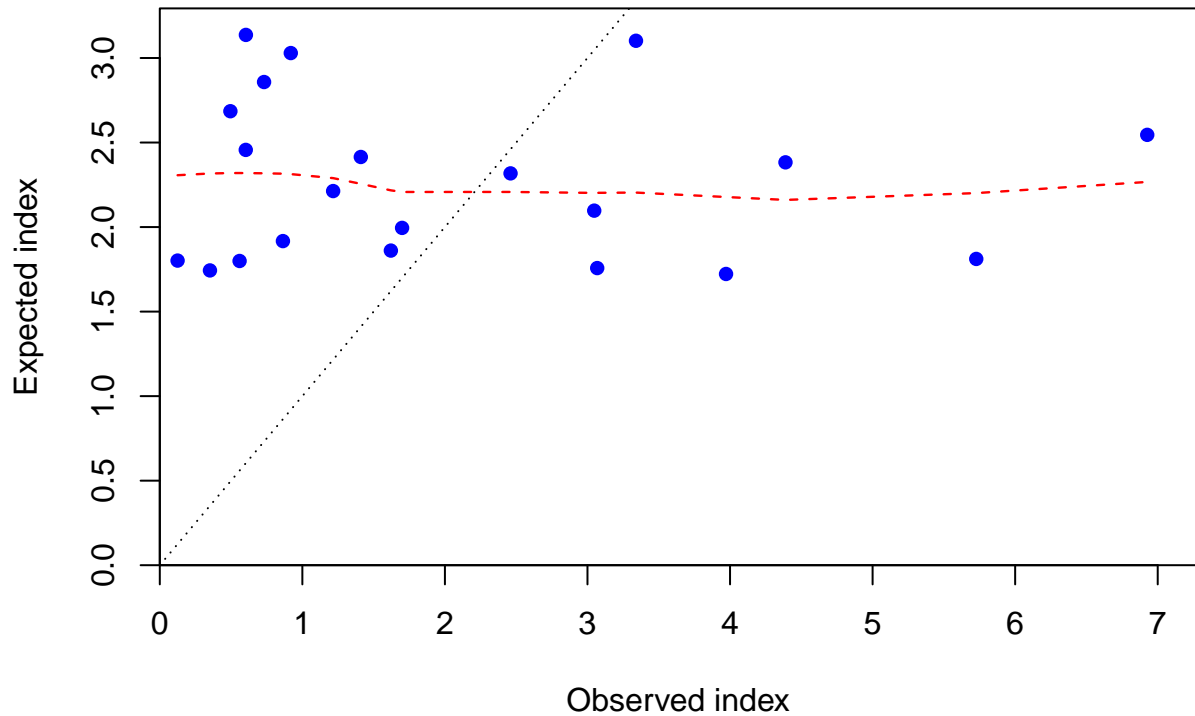
Residual







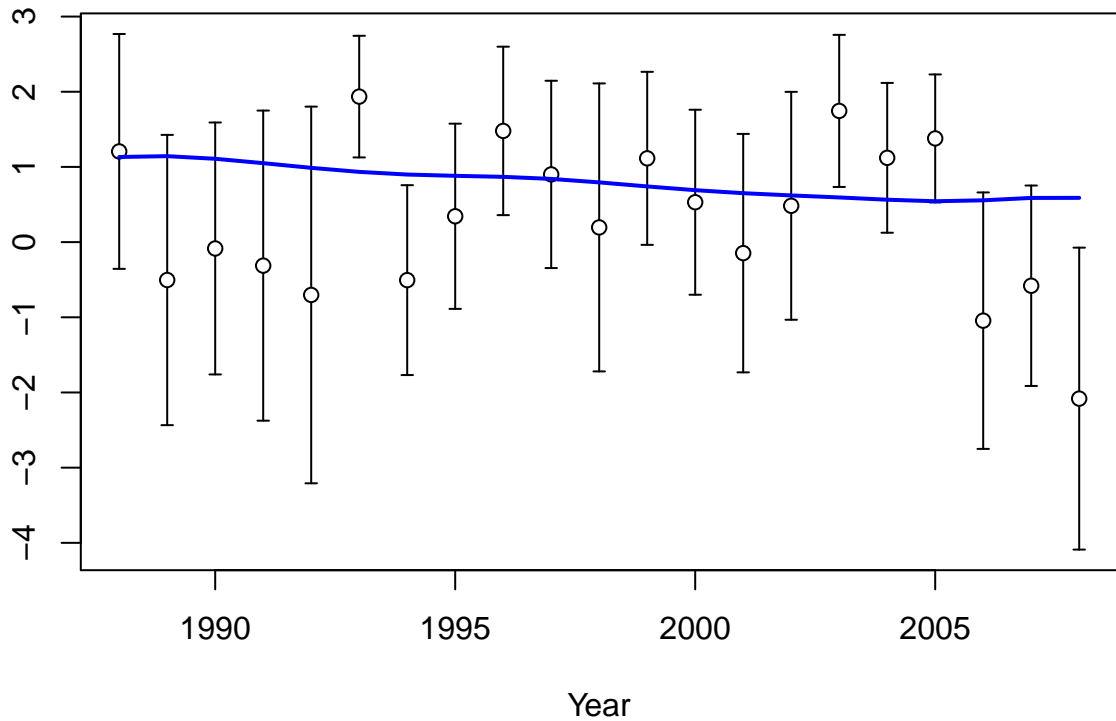


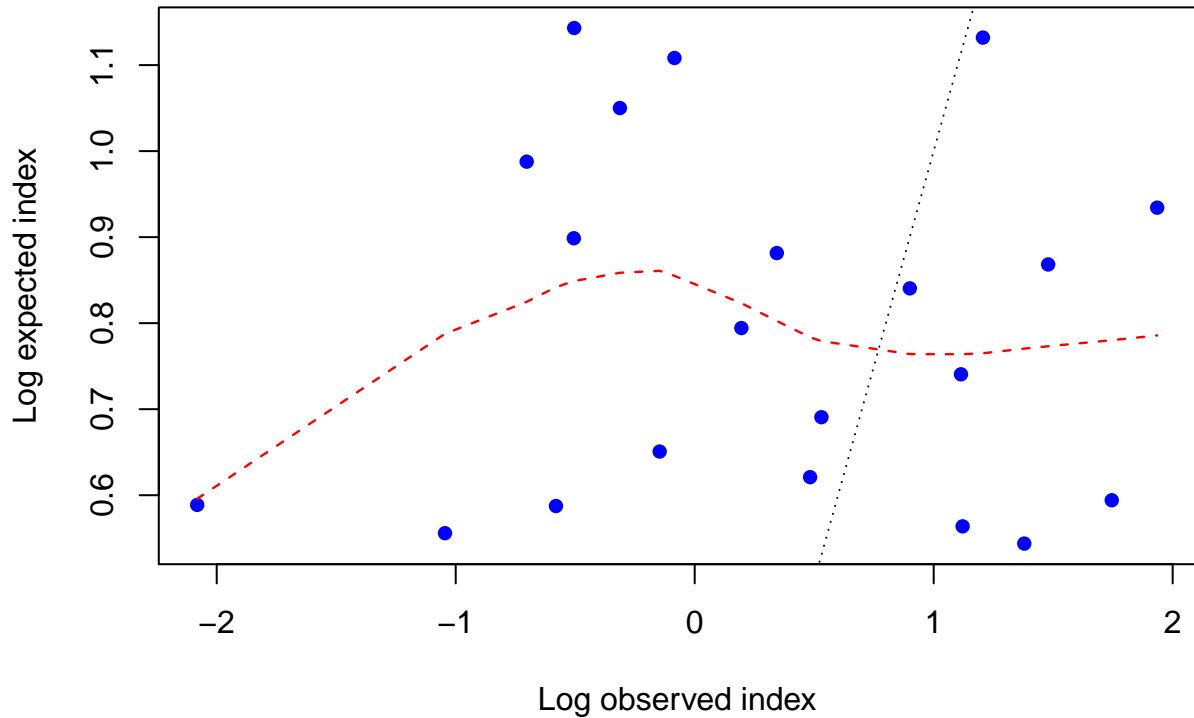


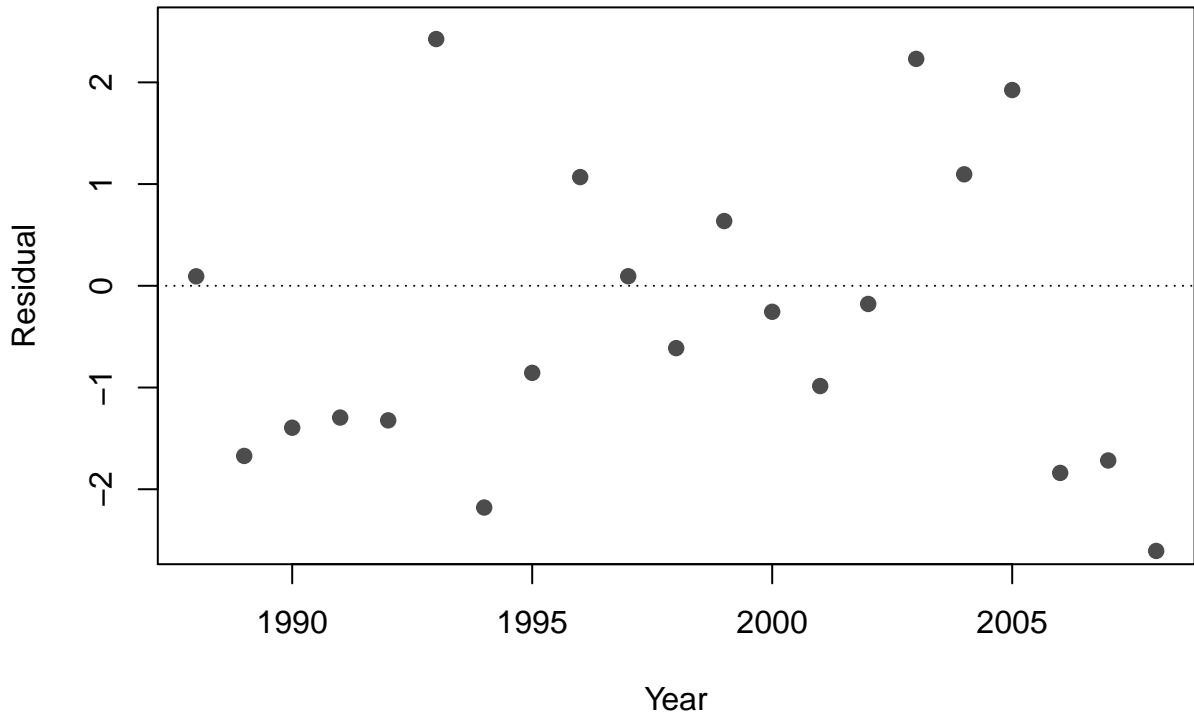
Log index

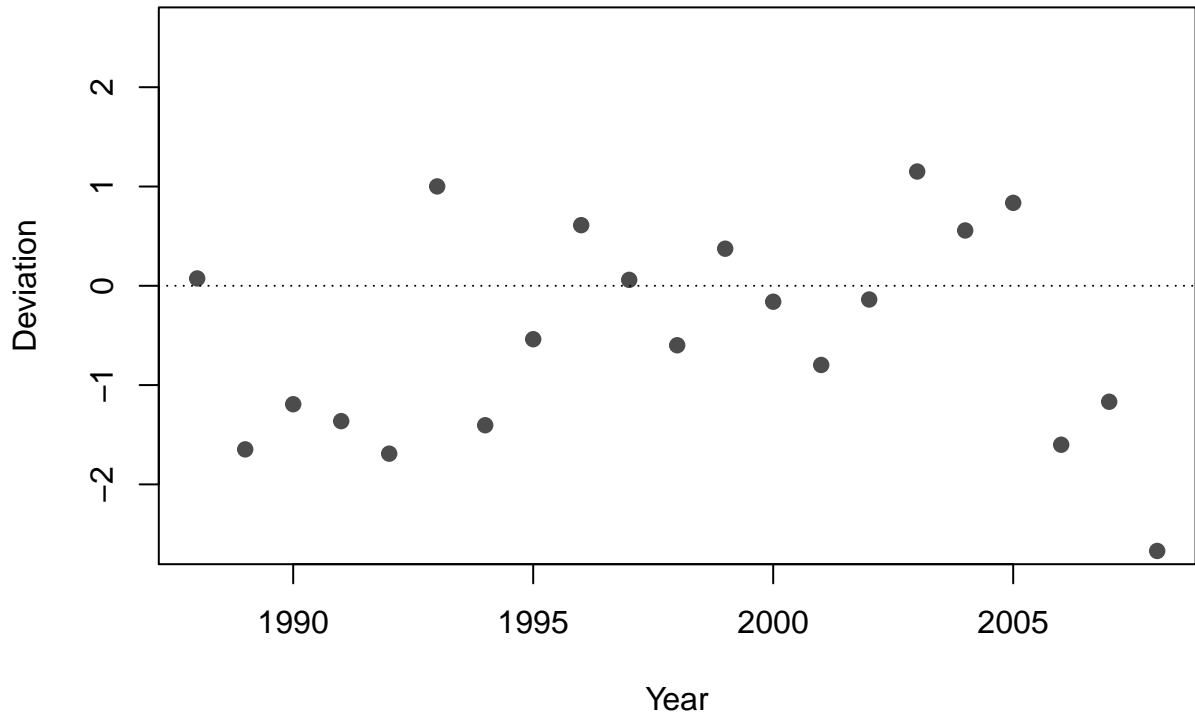


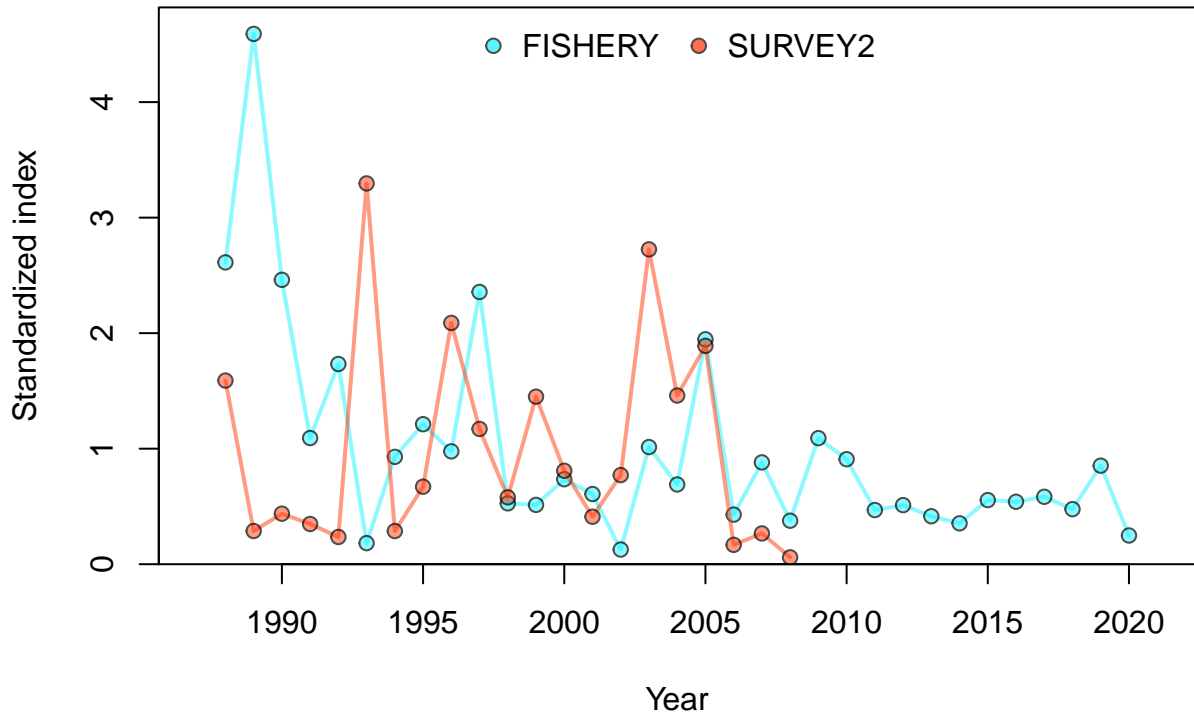
Log index

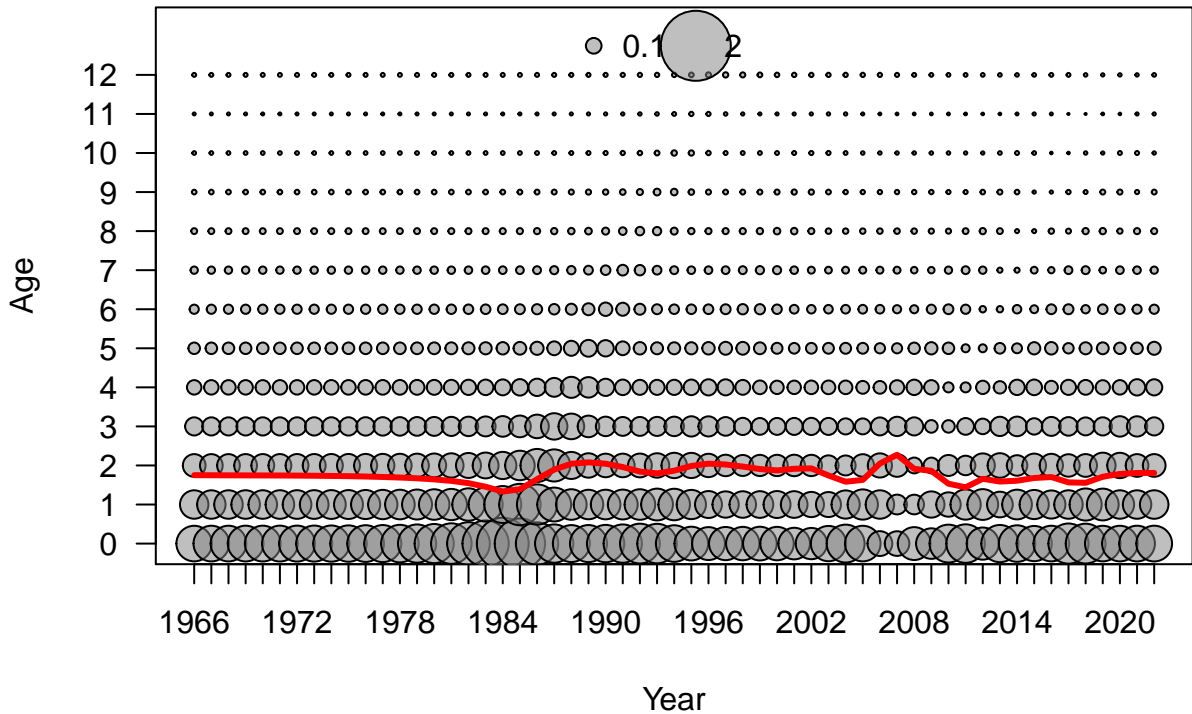




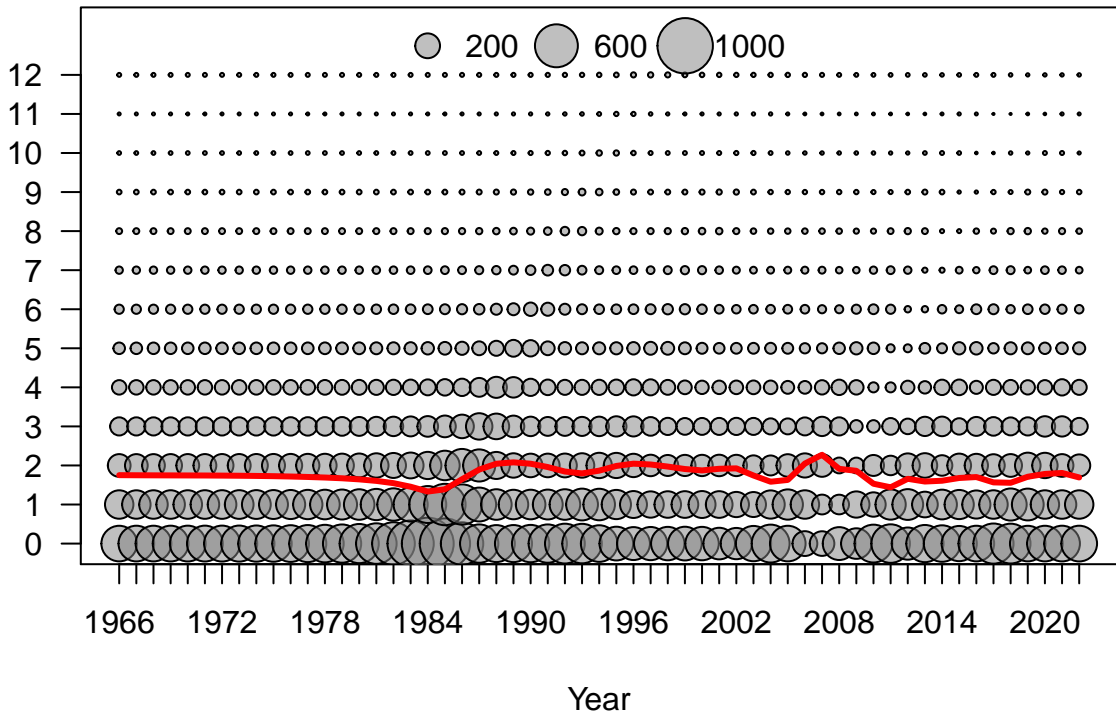


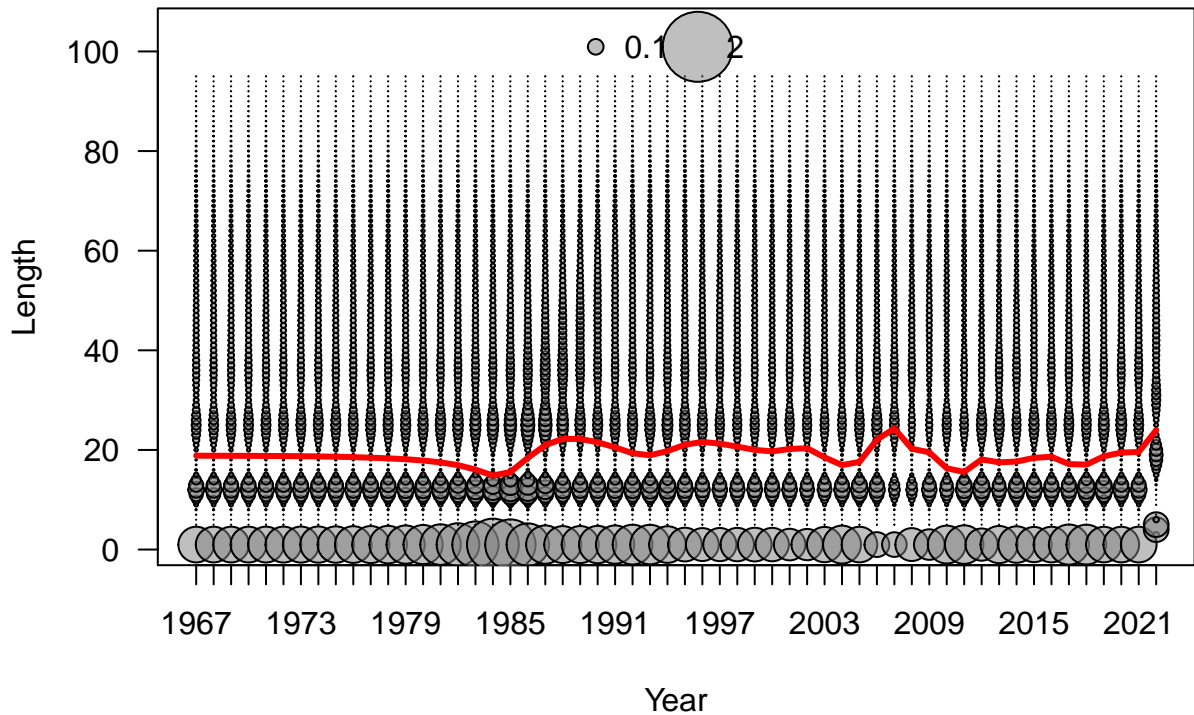


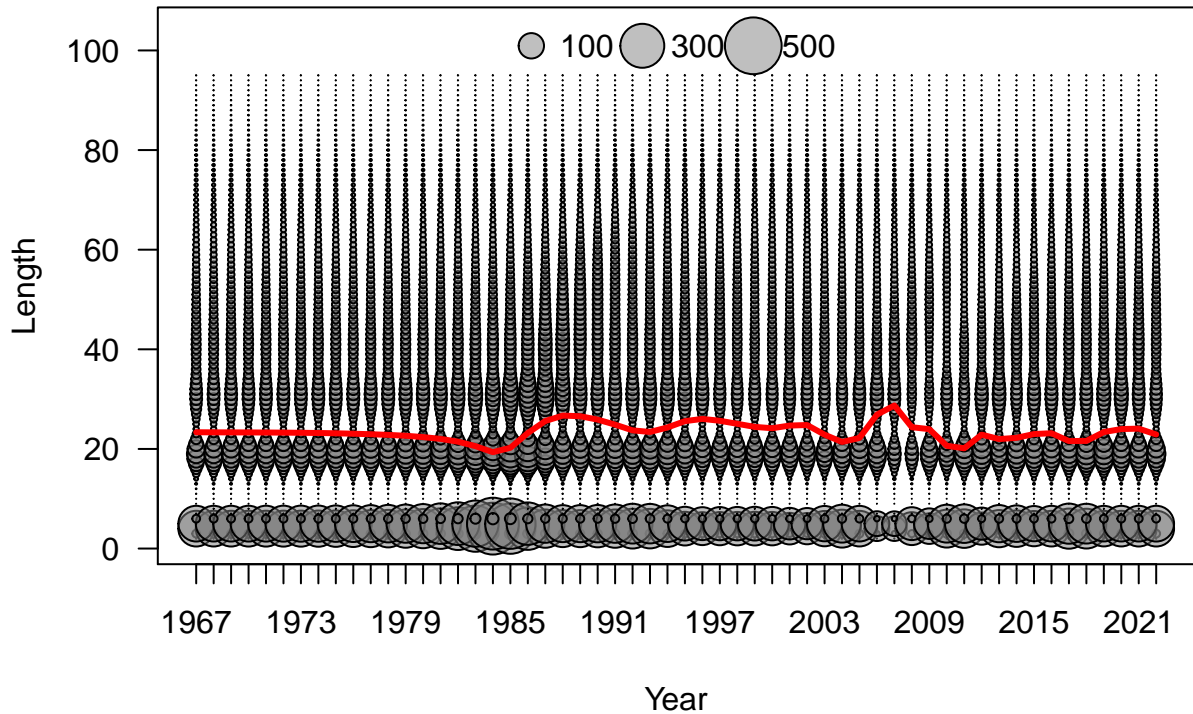


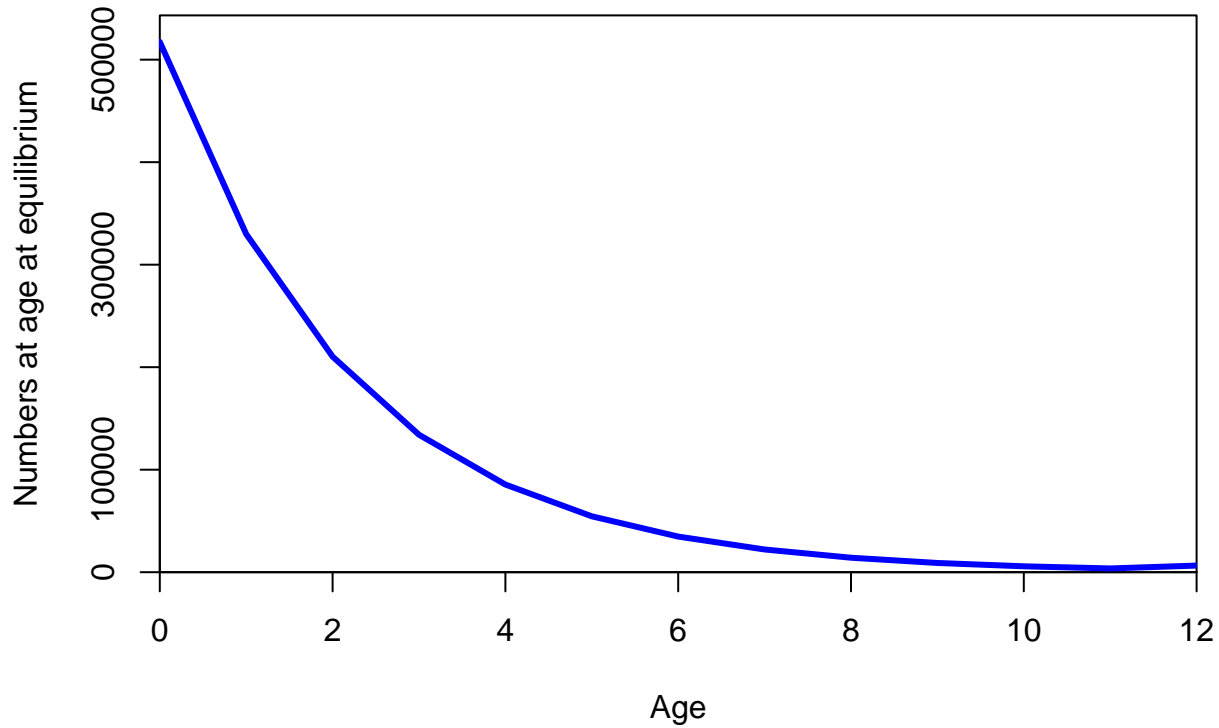


Age



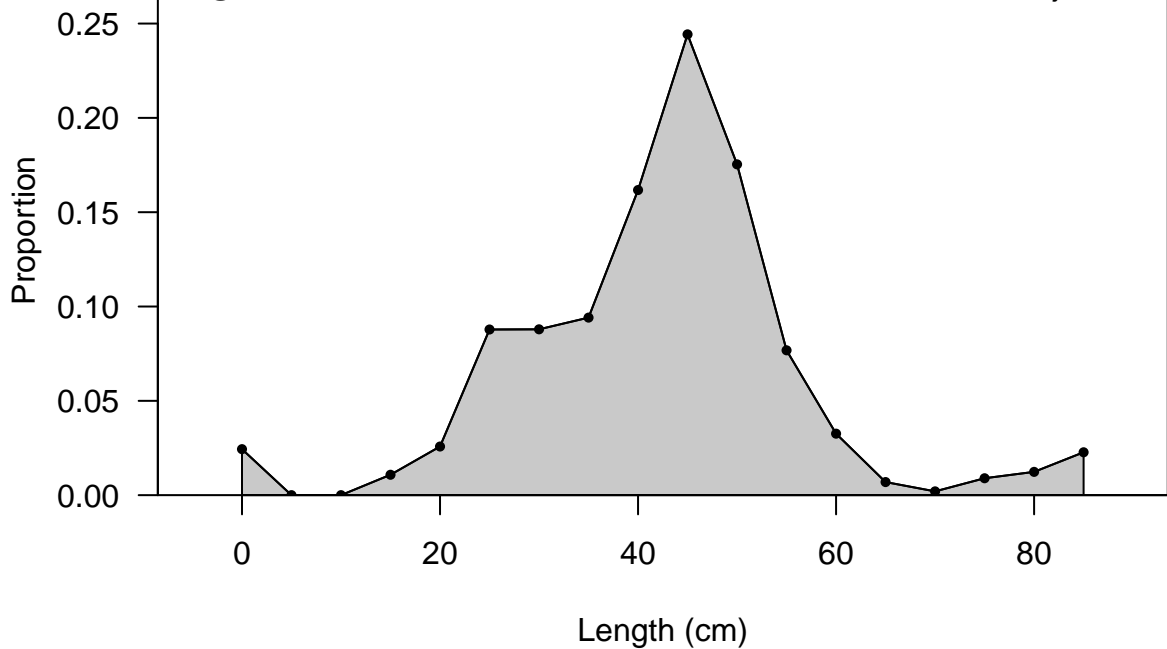


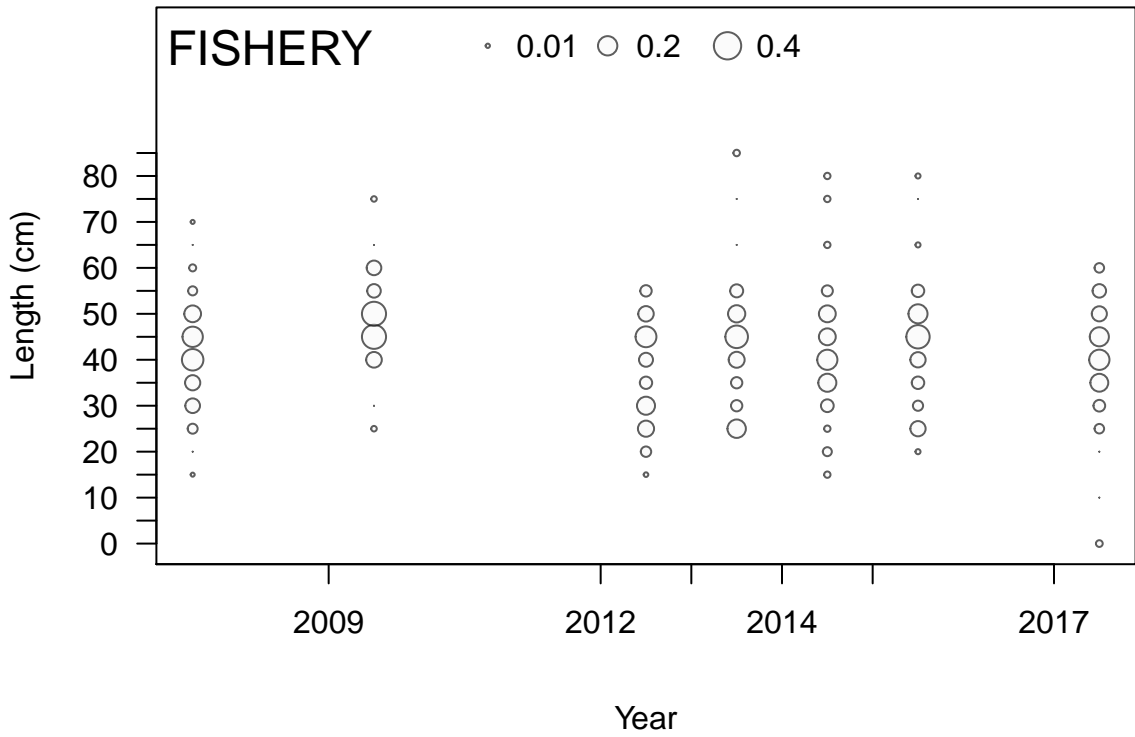




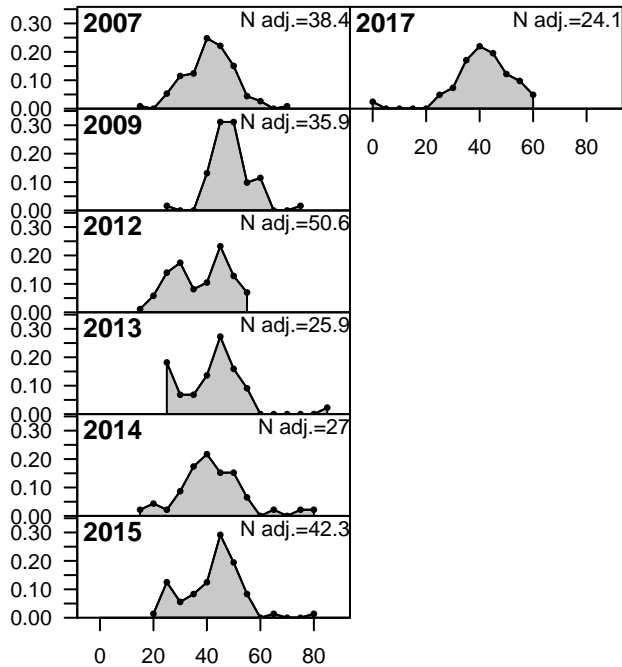
FISHERY

Sum of N adj.=244.2





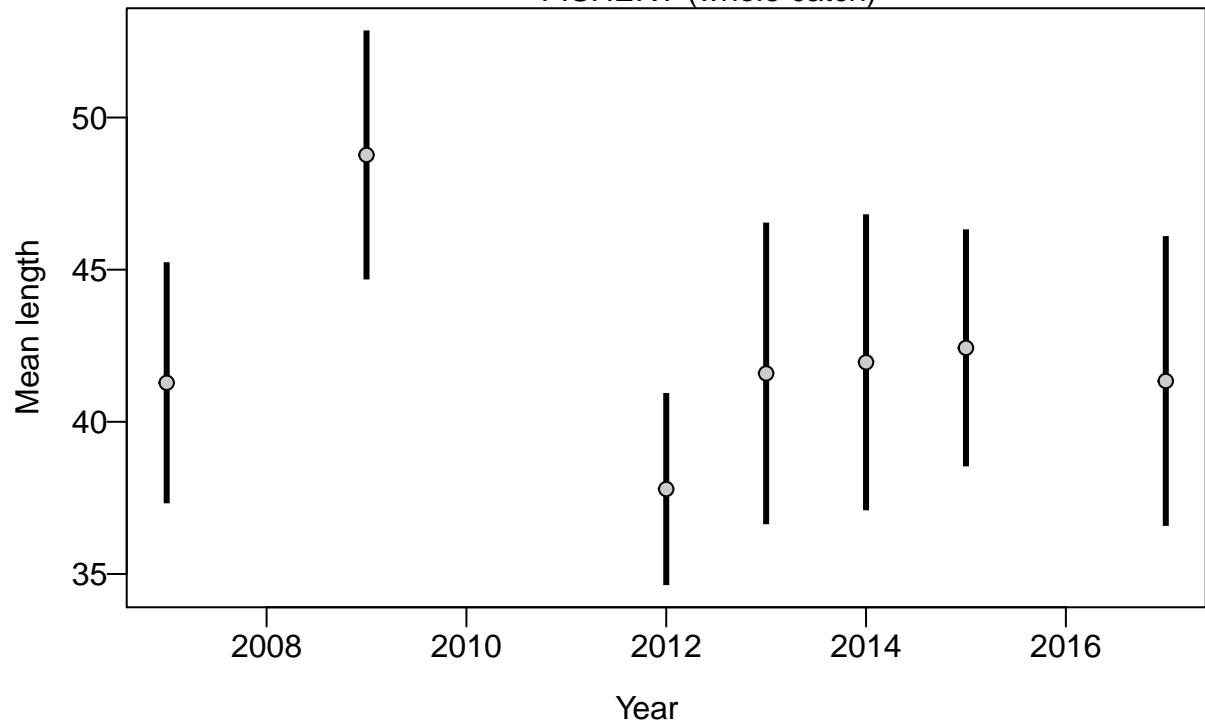
Proportion



Length (cm)

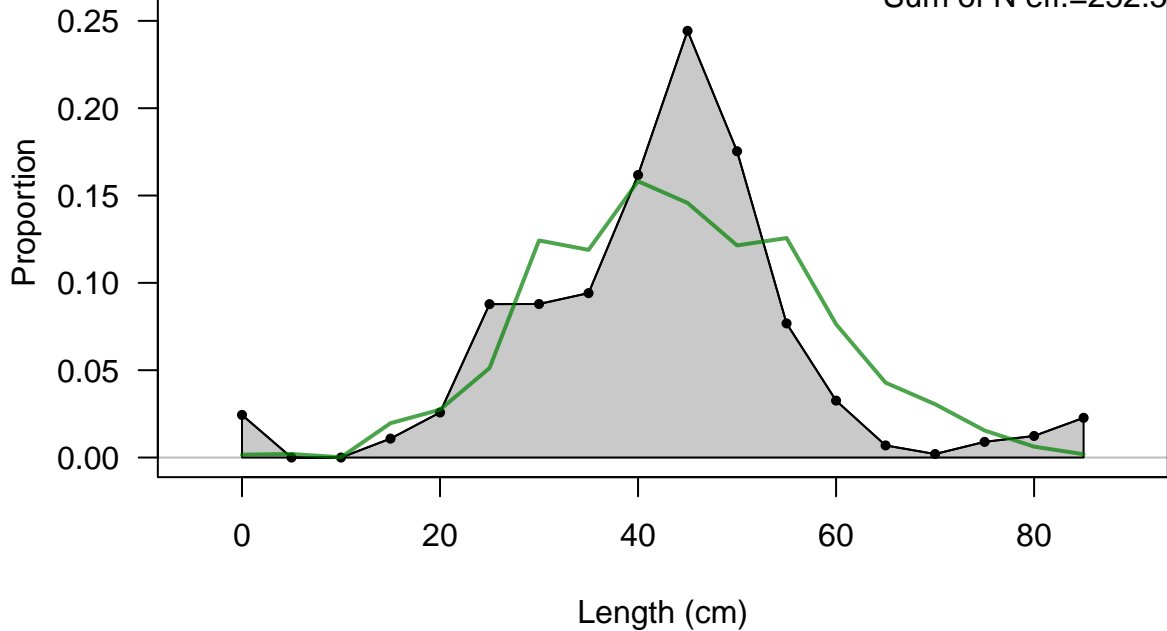


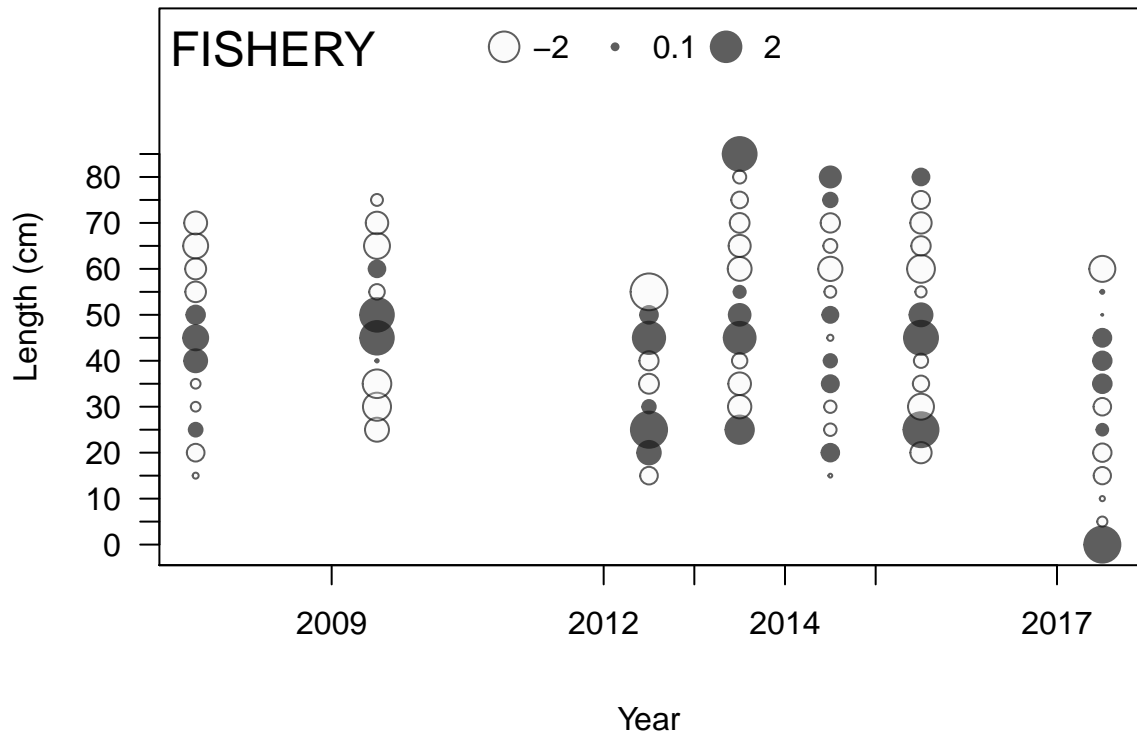
FISHERY (whole catch)



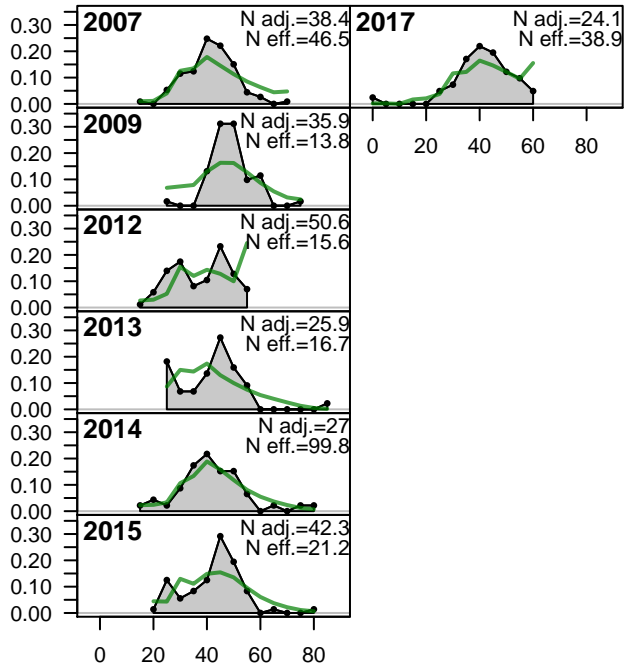
FISHERY

Sum of N adj.=244.2
Sum of N eff.=252.5

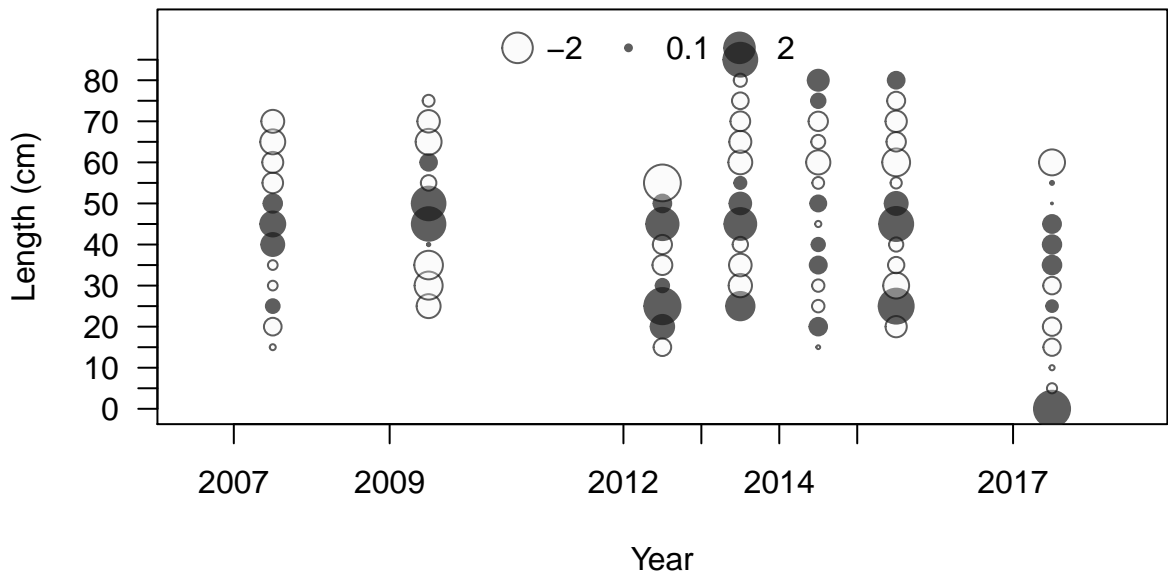




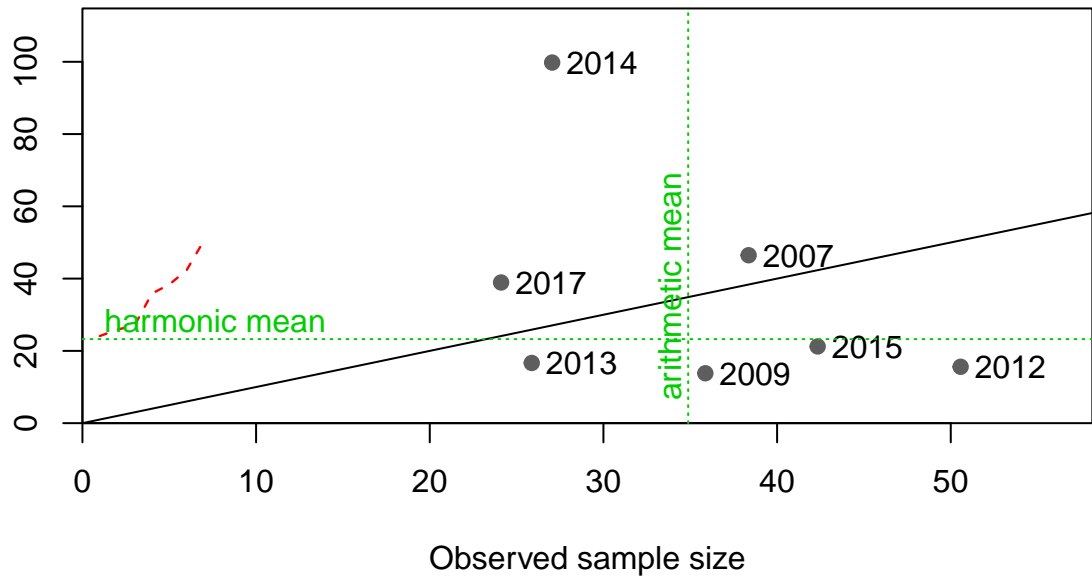
Proportion



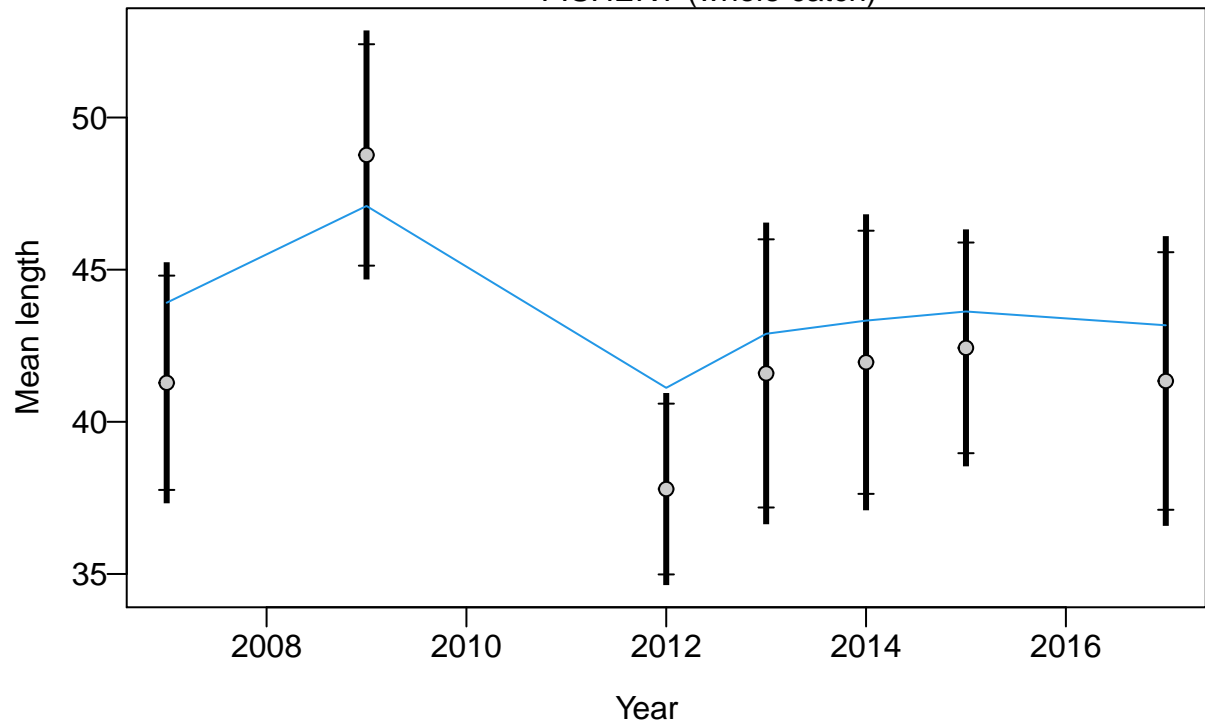
Length (cm)

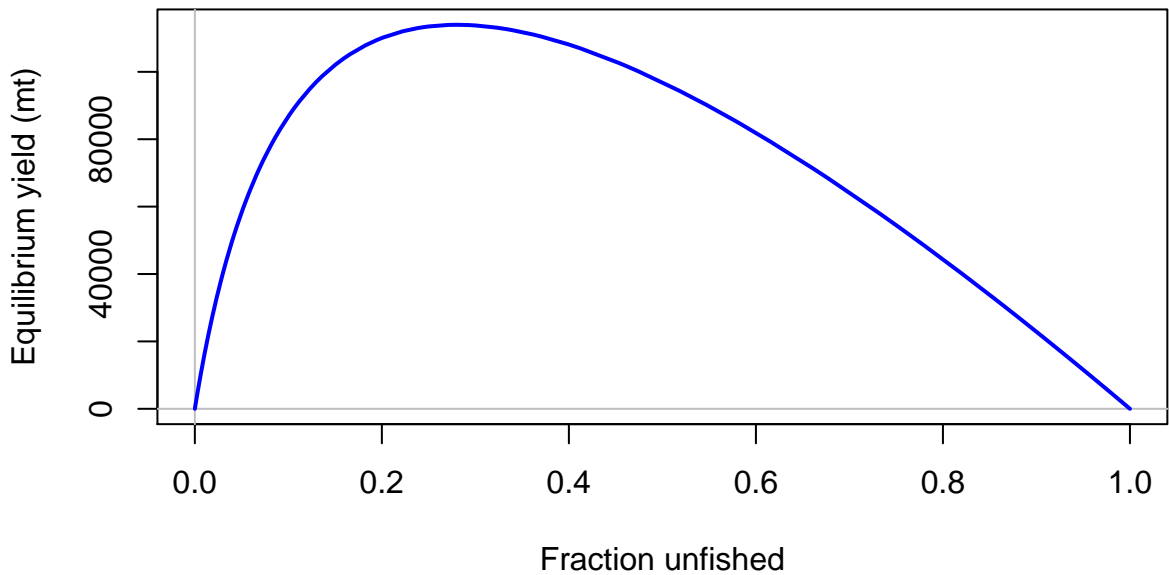


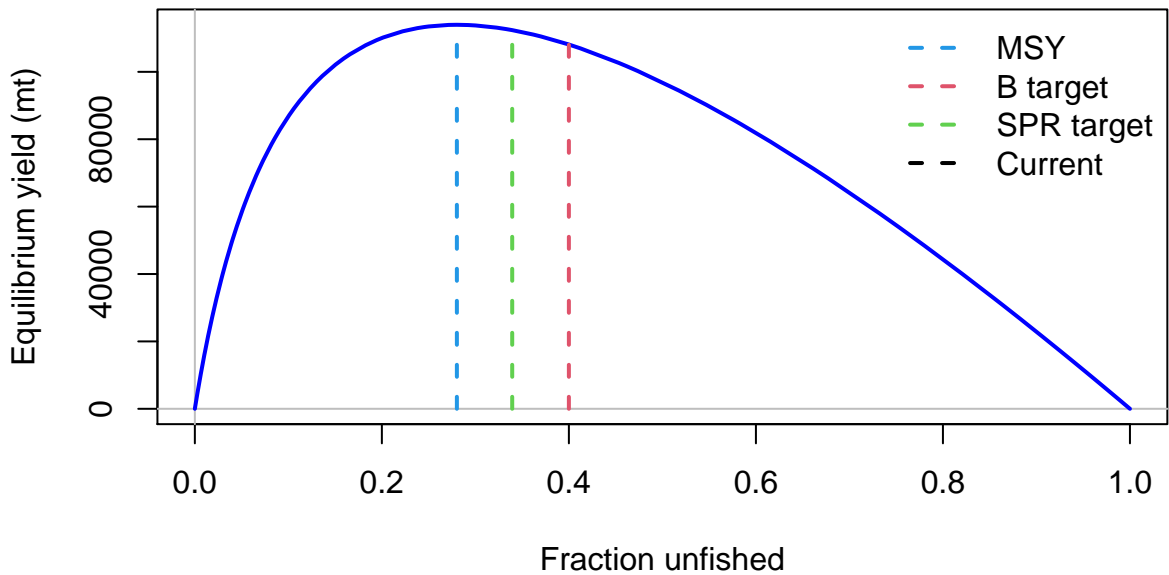
Effective sample size

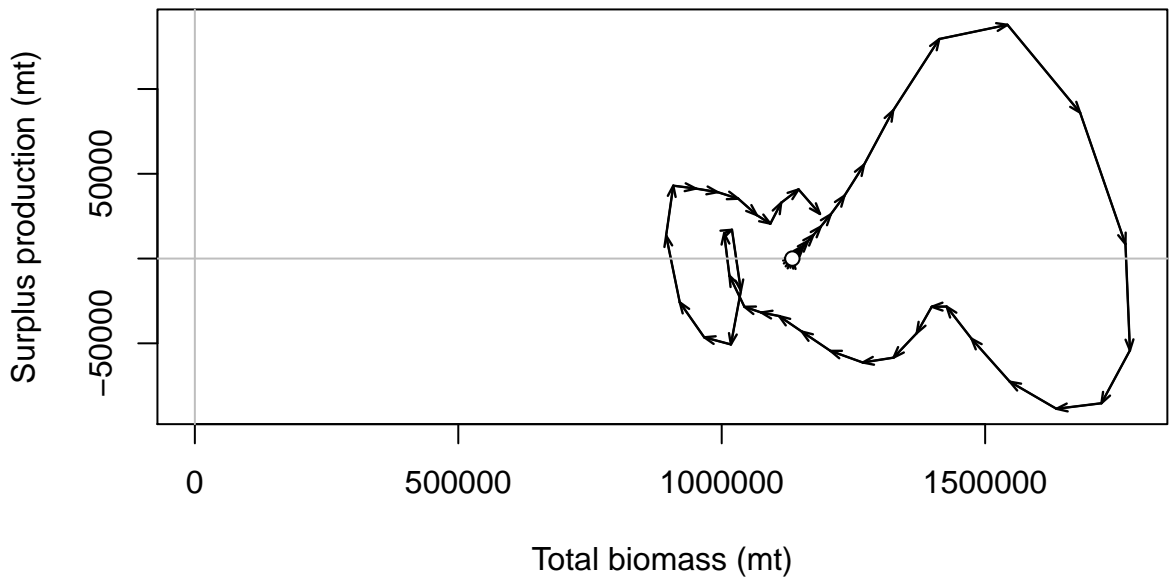


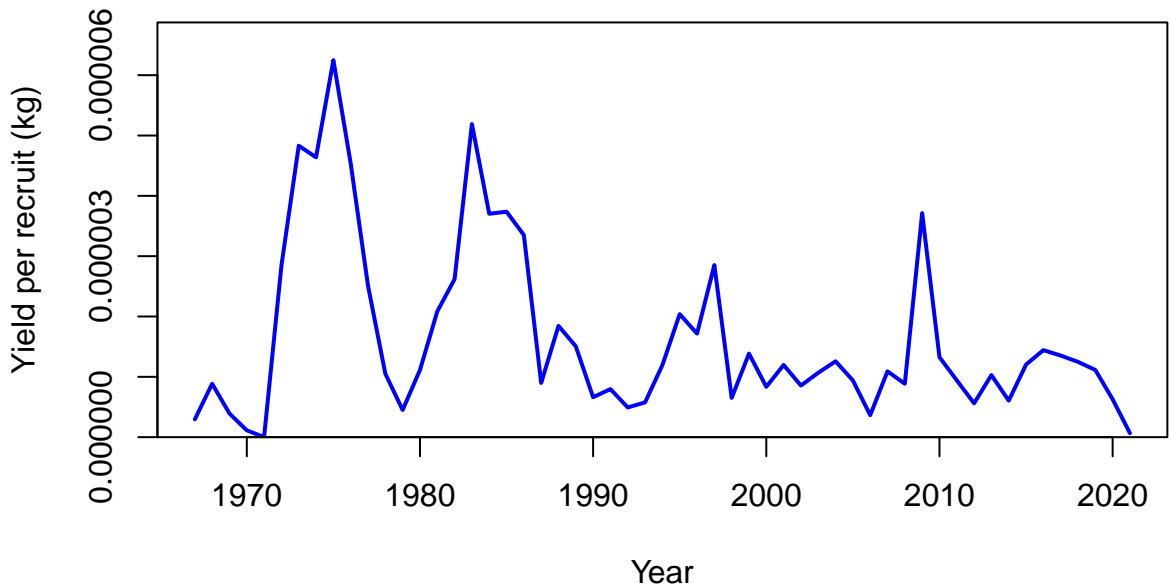
FISHERY (whole catch)



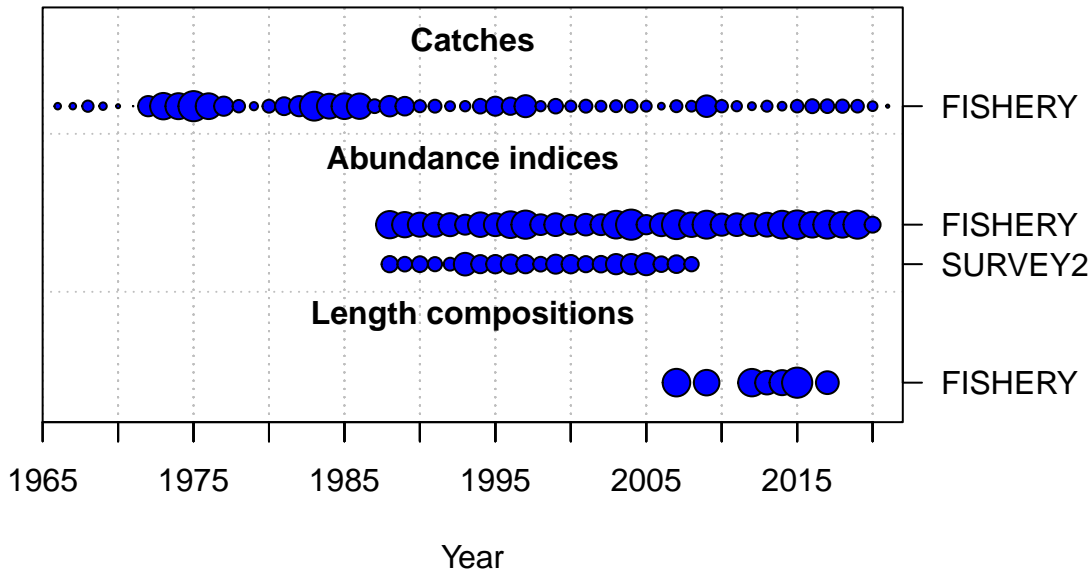






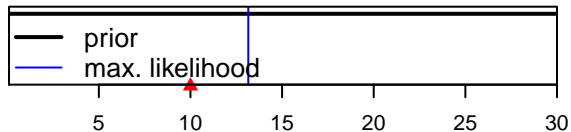




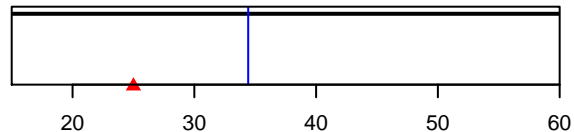


Density

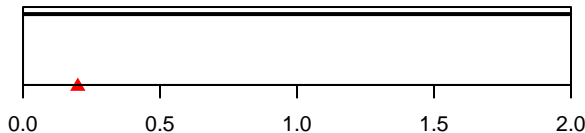
SR_LN(R0)



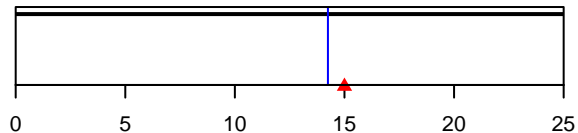
Size_inflection_FISHERY(1)



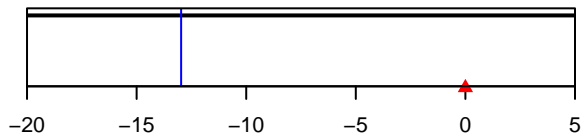
InitF_seas_1_flt_1FISHERY



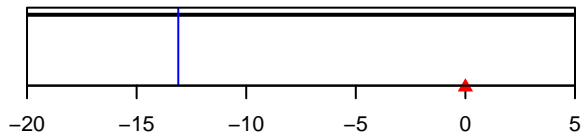
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)



Parameter value