

Plots created using the 'r4ss' package in R

Stock Synthesis version: 3.30.19.0

StartTime: Wed Jul 06 09:42:31 2022

Data_File: data.ss

Control_File: control.ss

Length (cm, beginning of the year)

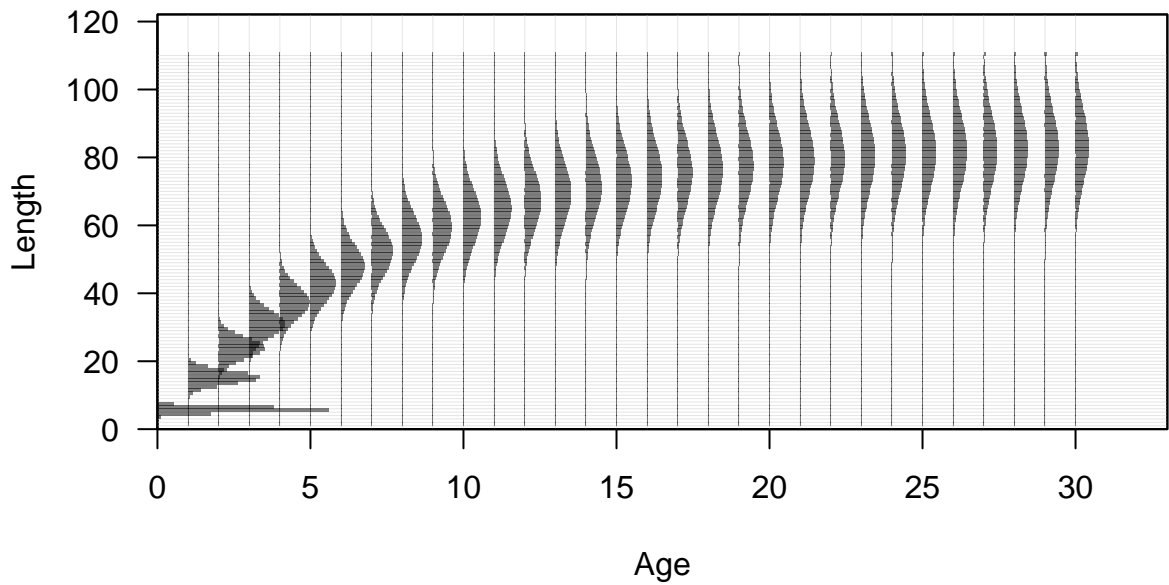


Age (yr)

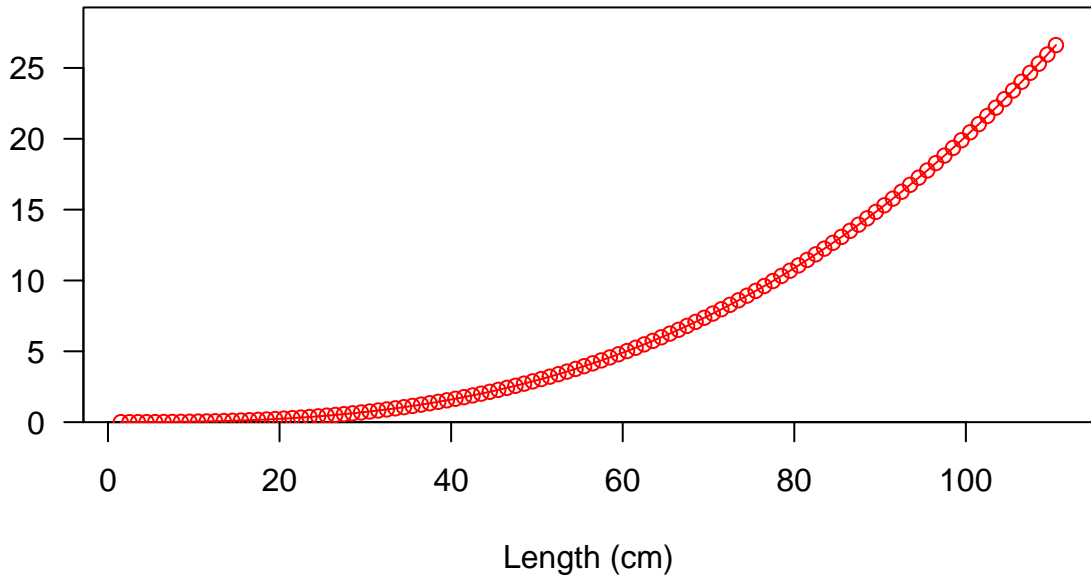






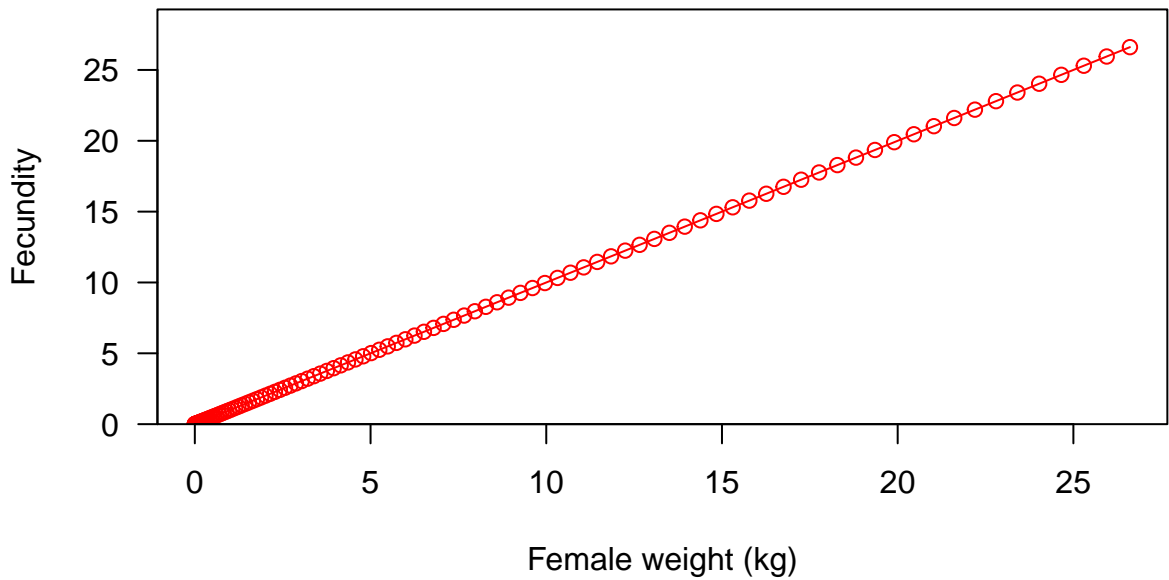


Mean weight (kg) in last year

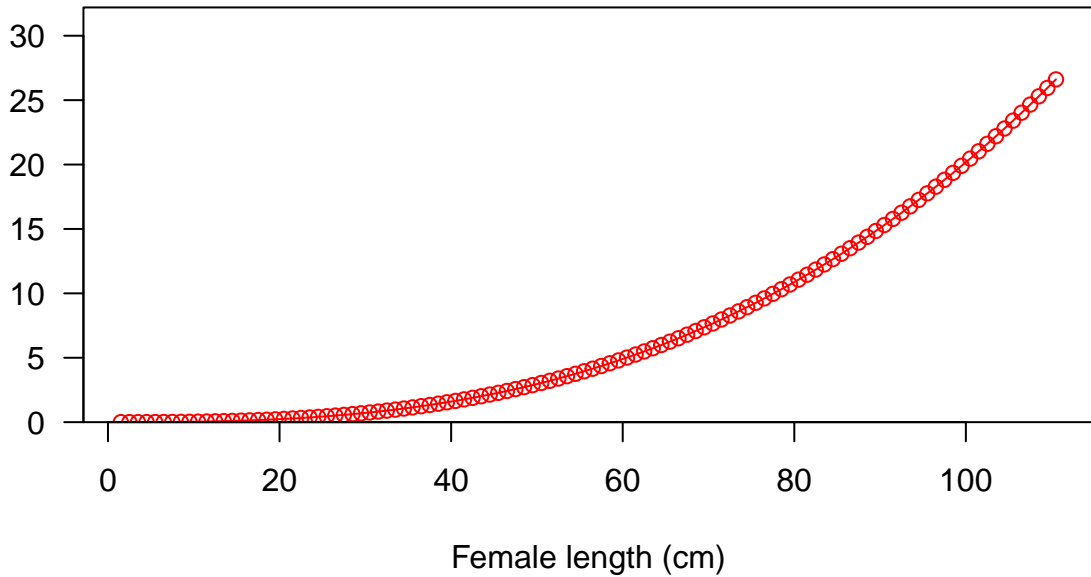




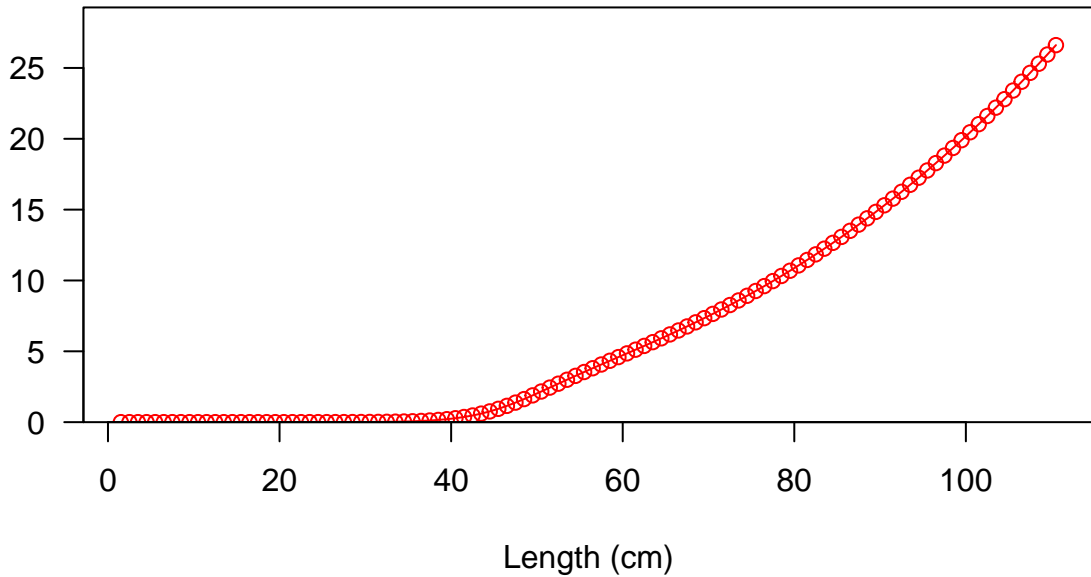




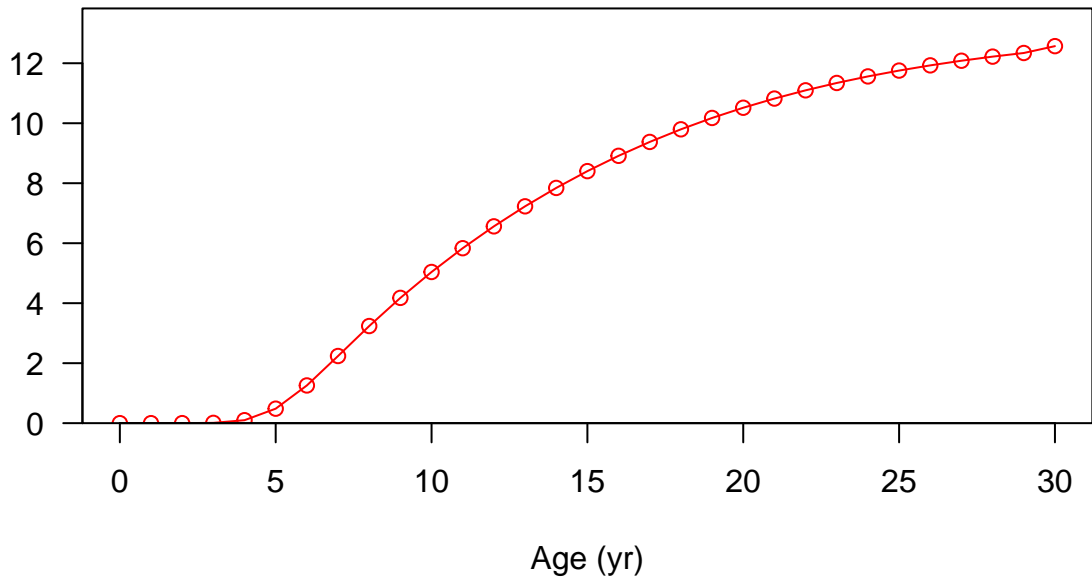
Fecundity



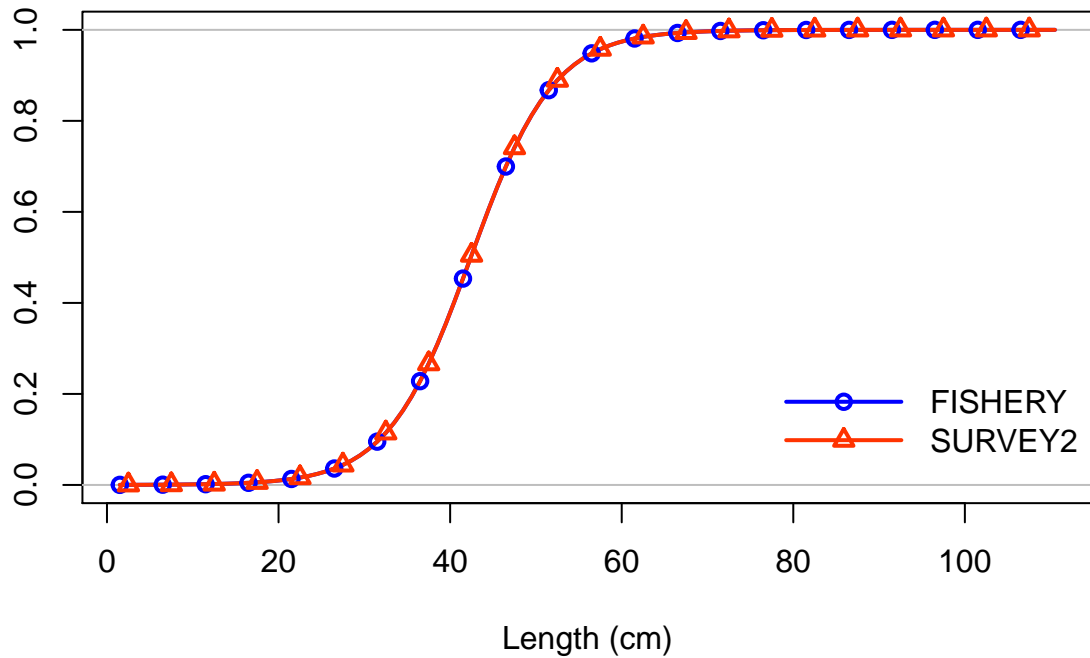
Spawning output



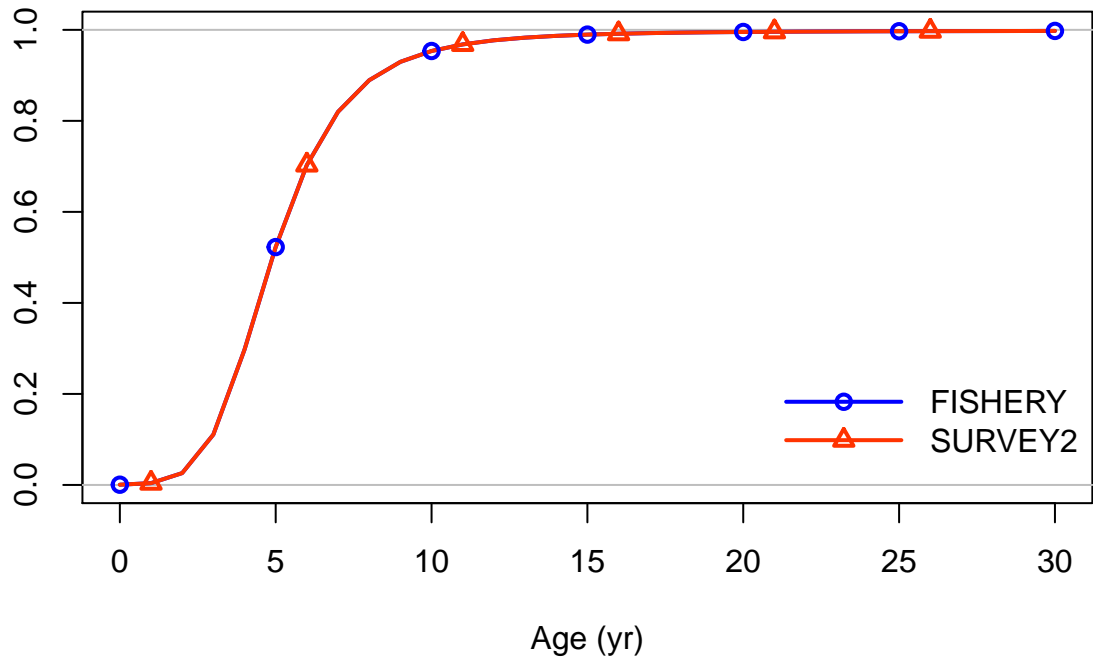
Spawning output



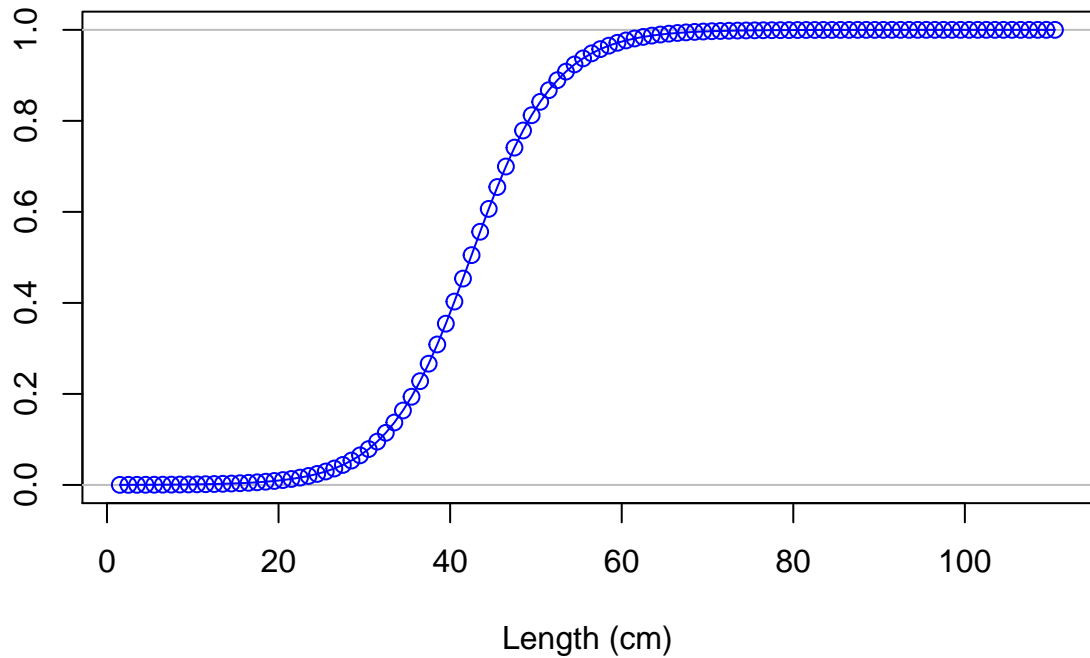
Selectivity



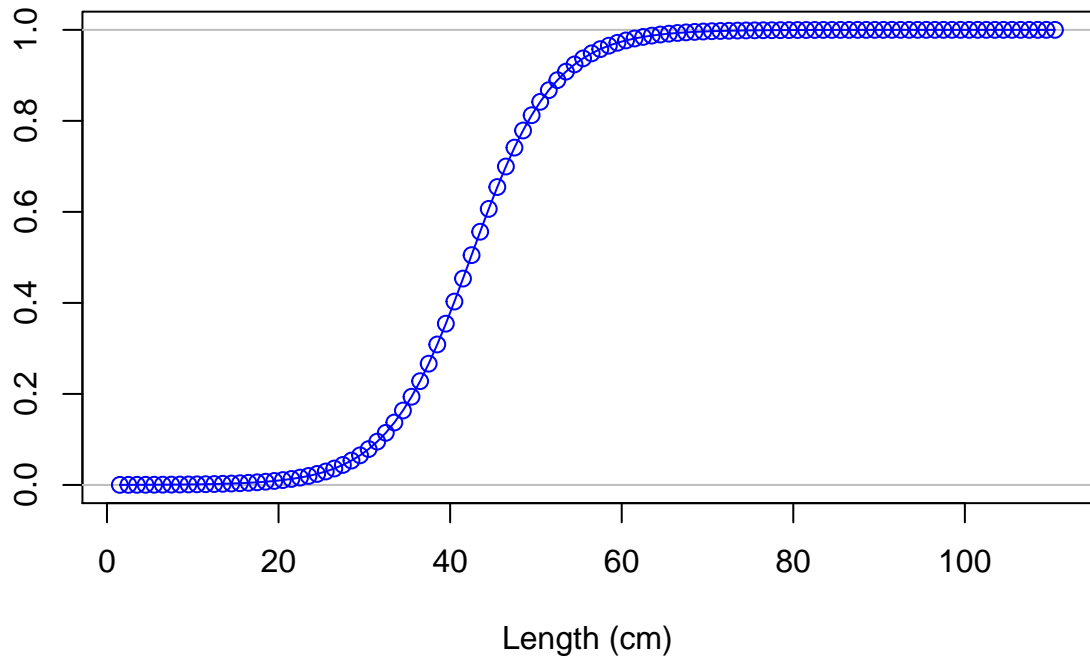
Selectivity

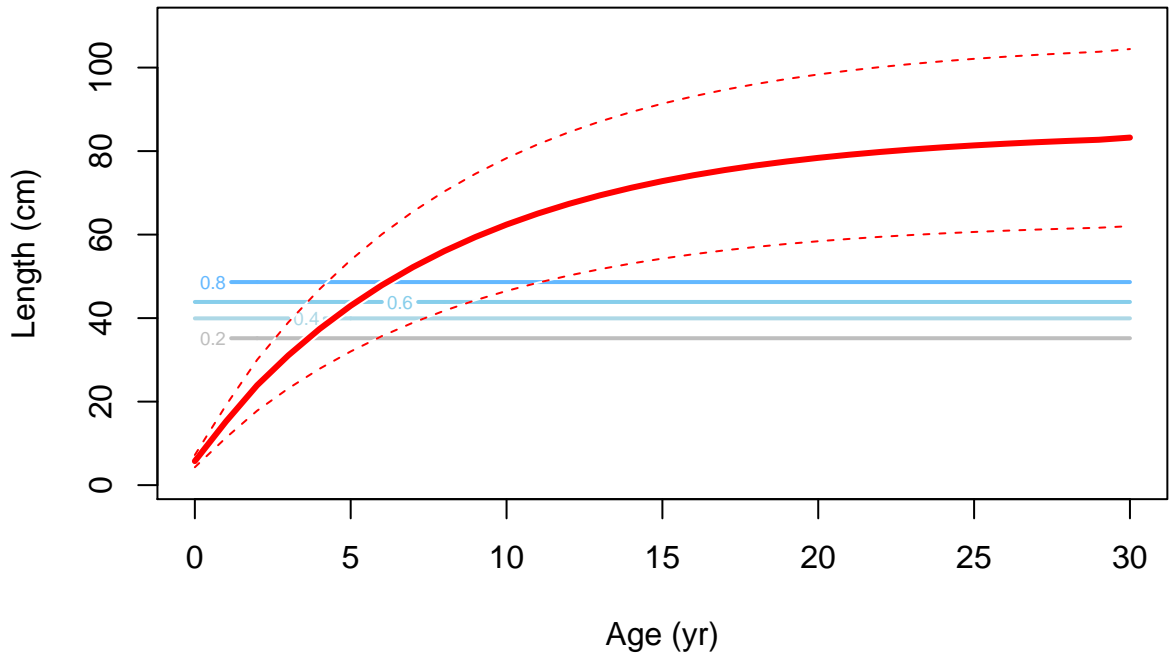


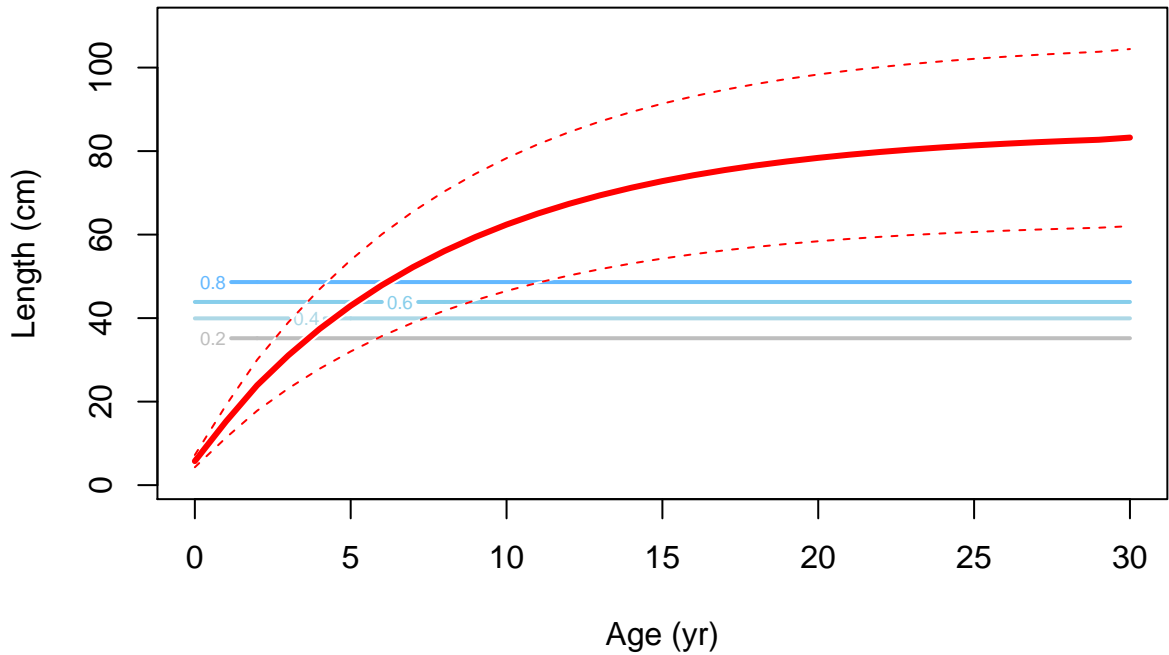
Selectivity



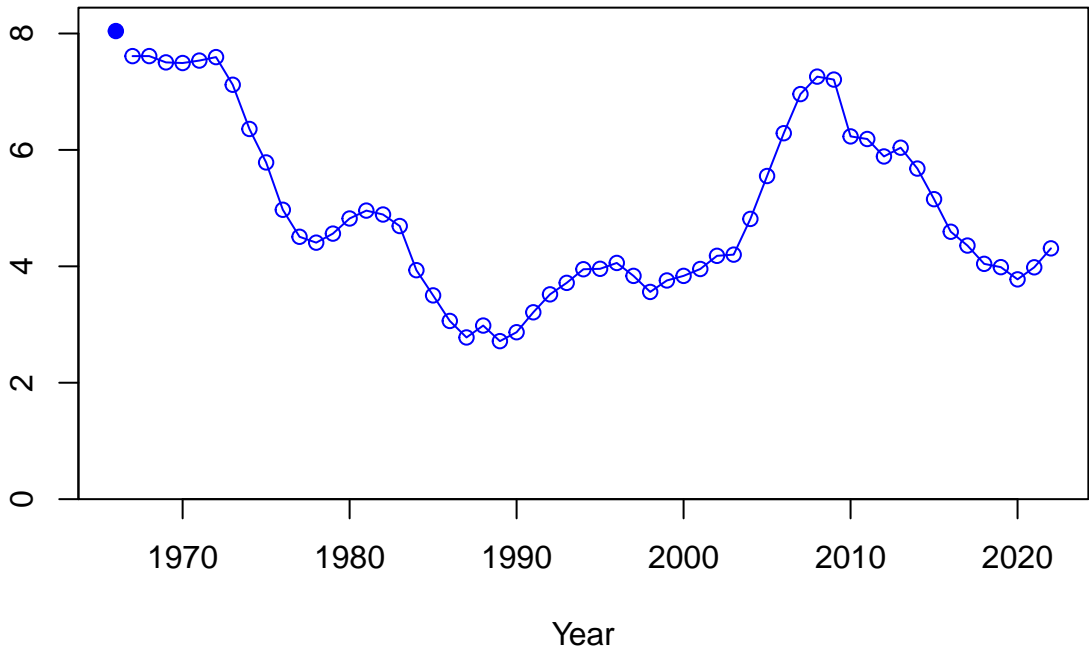
Selectivity



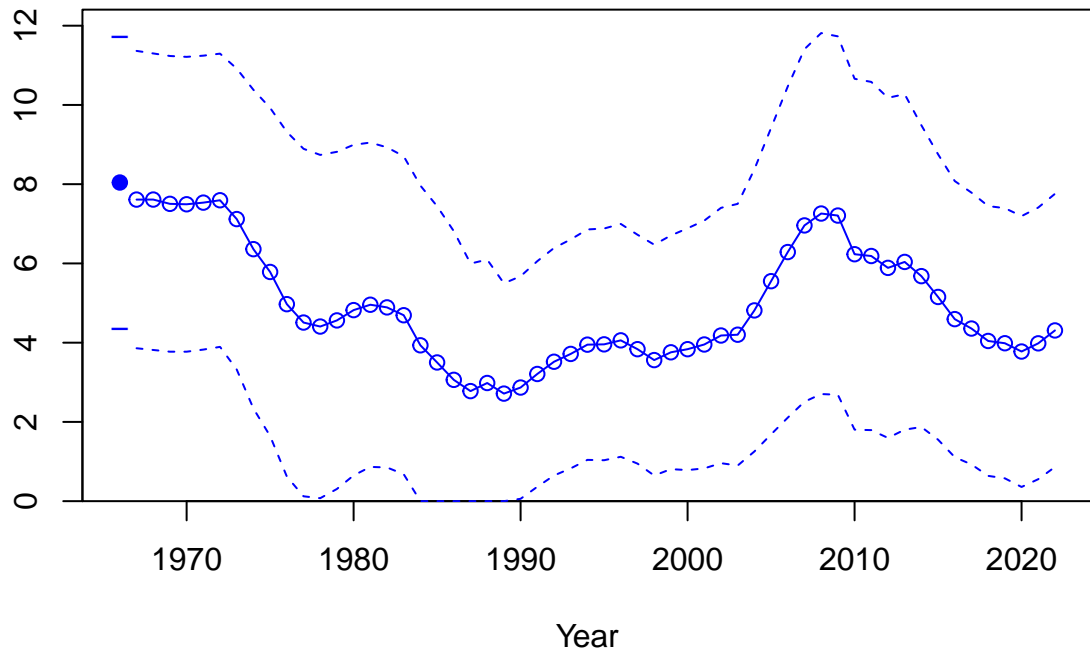




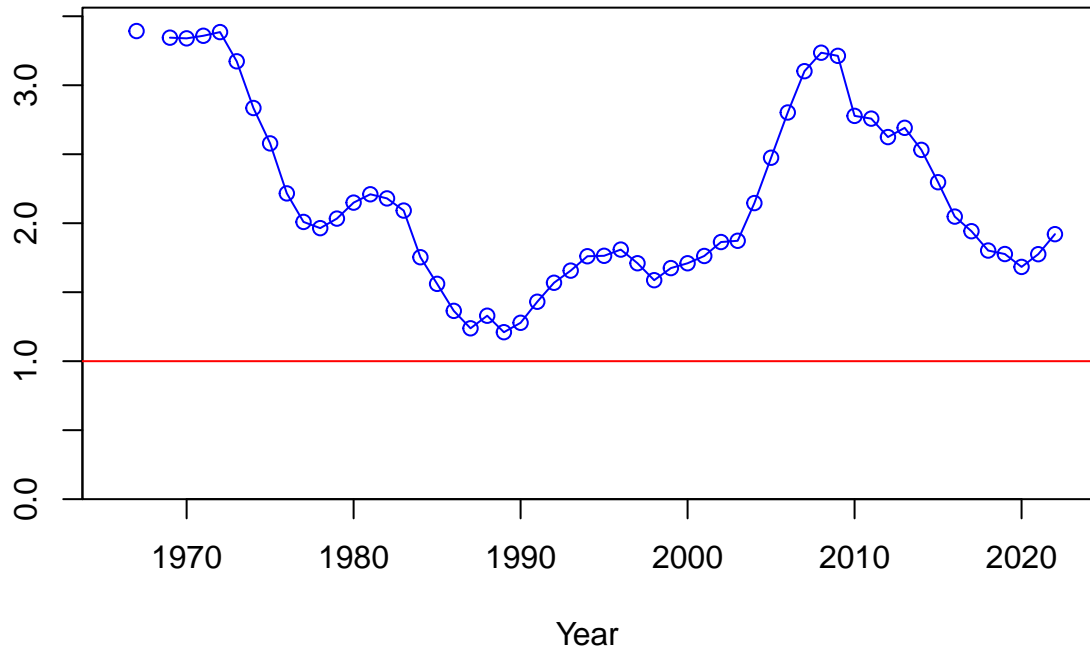
Spawning biomass (mt)



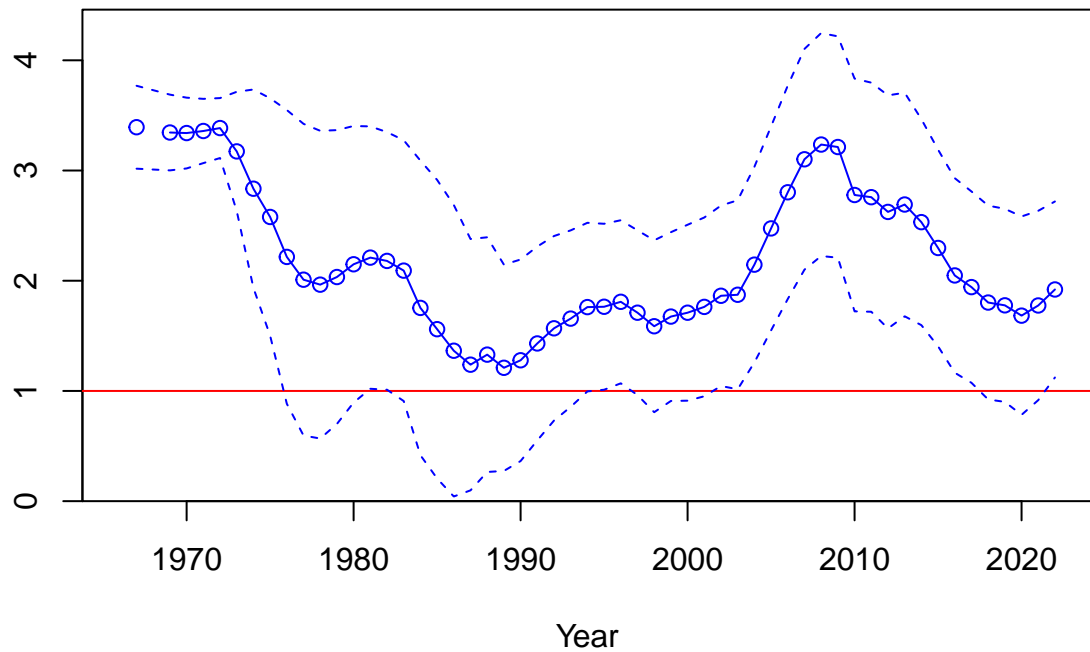
Spawning biomass (mt)

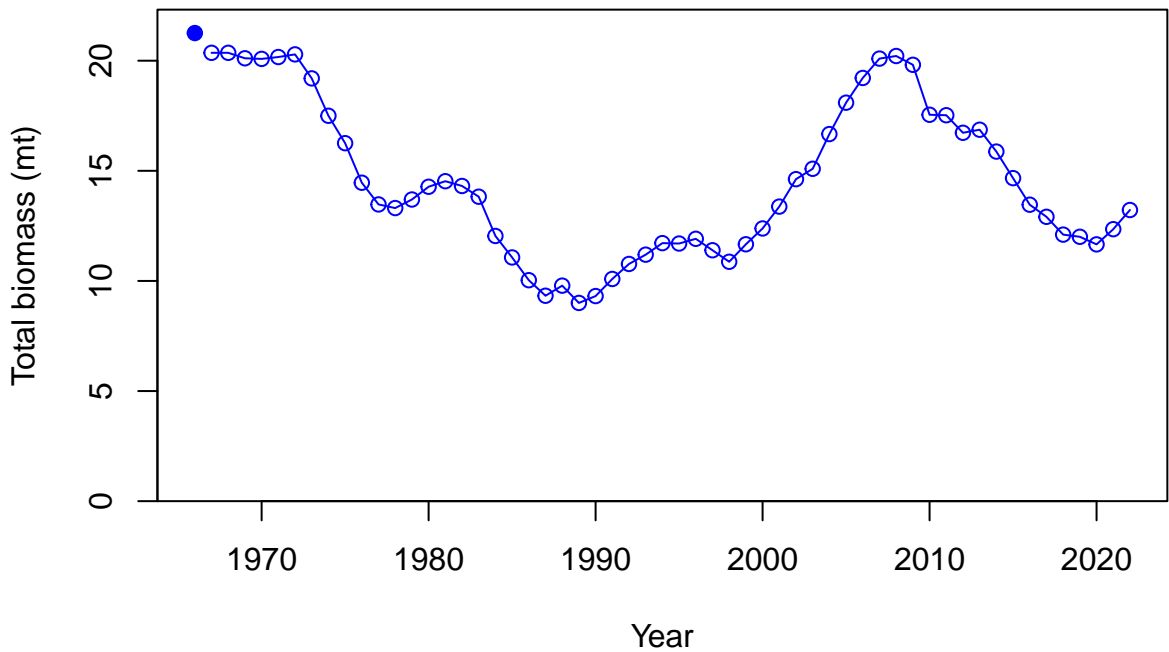


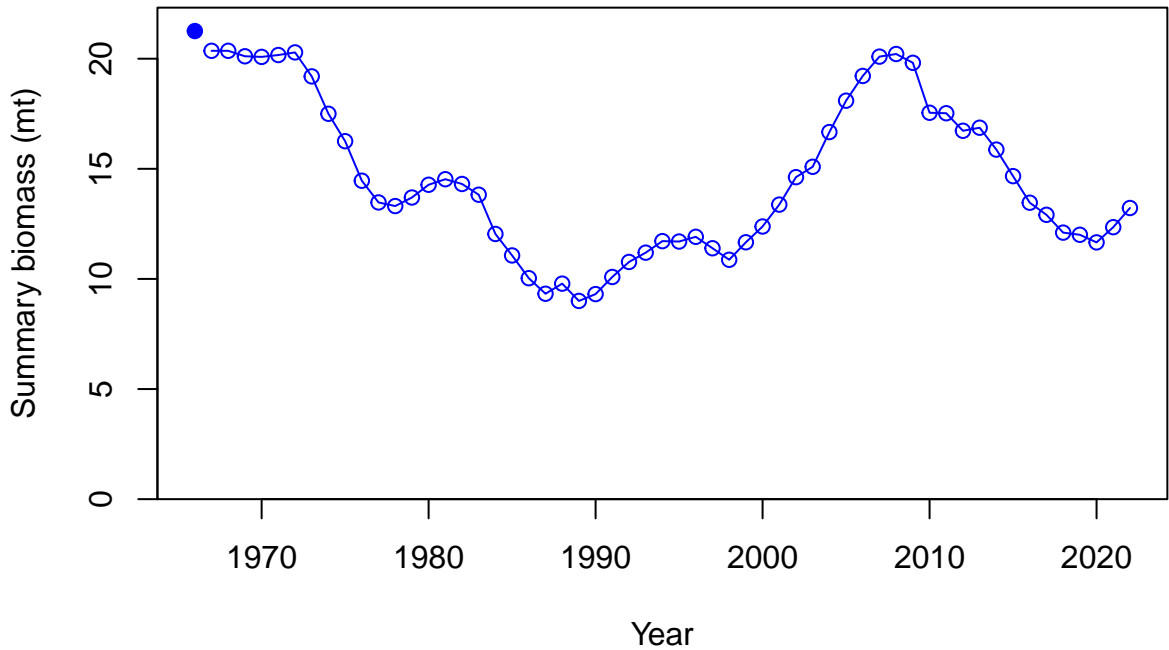
Relative spawning biomass: B/B_{MSY}



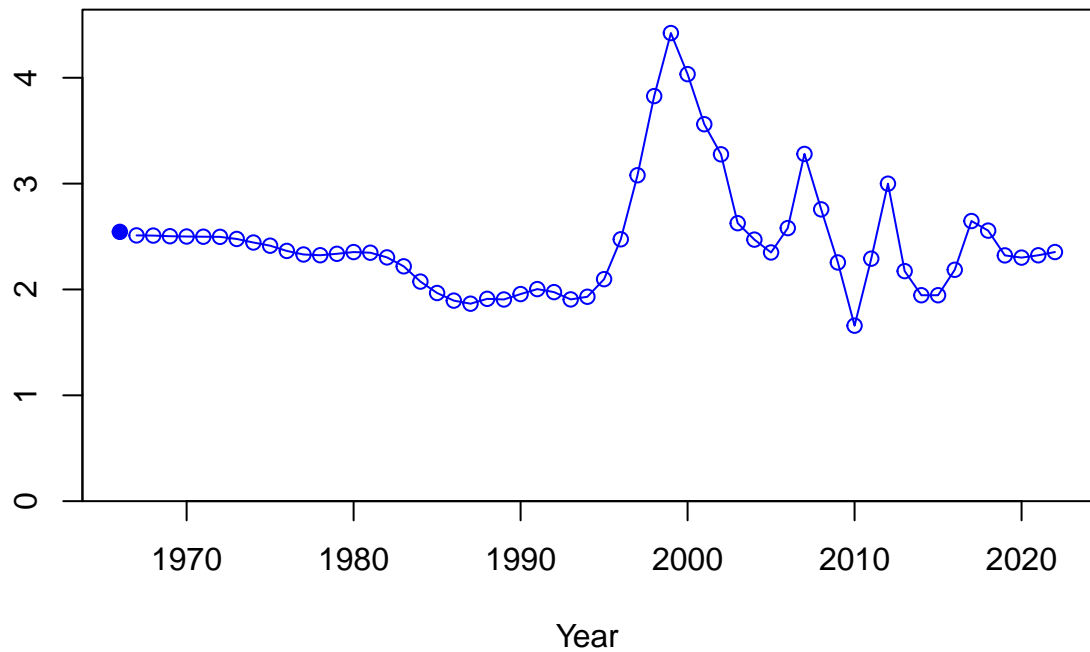
Relative spawning biomass: B/B_{MSY}



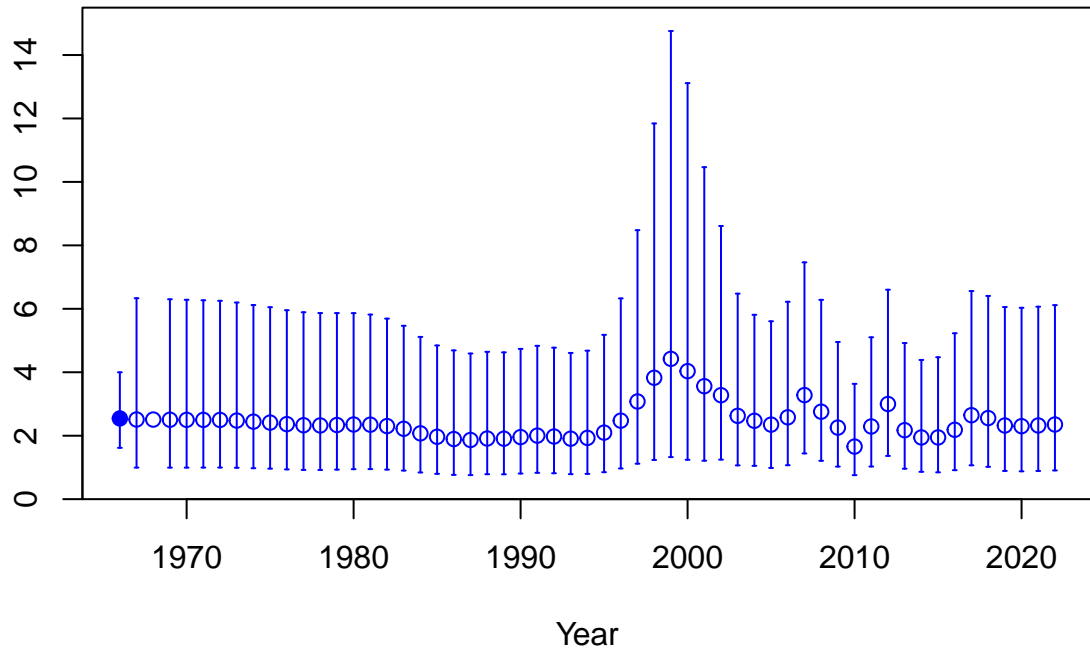




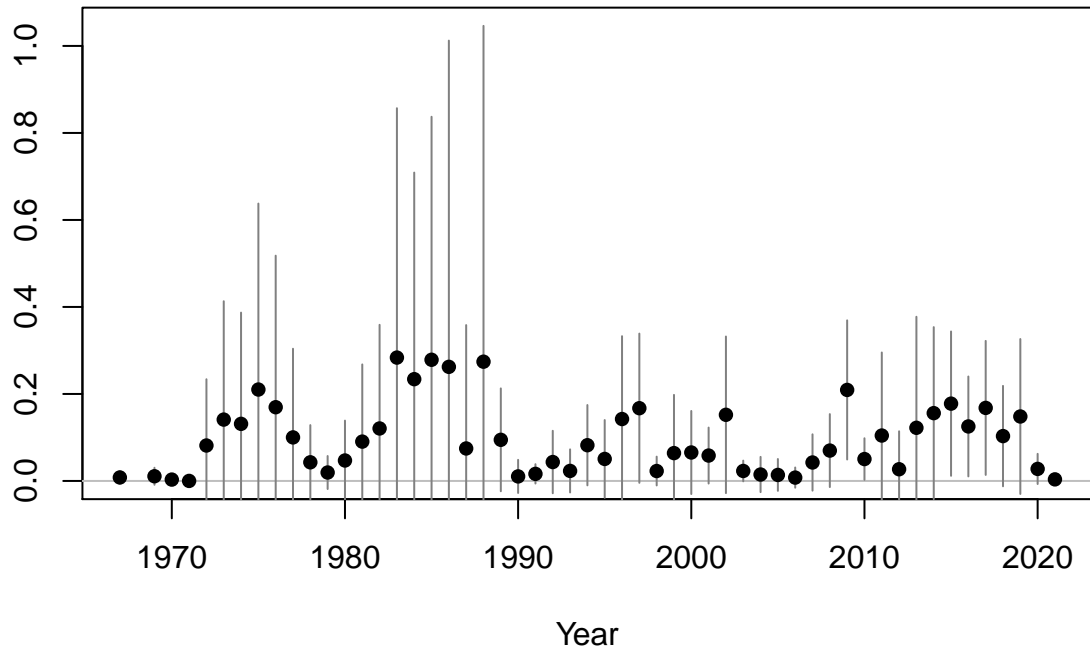
Age-0 recruits (1,000s)

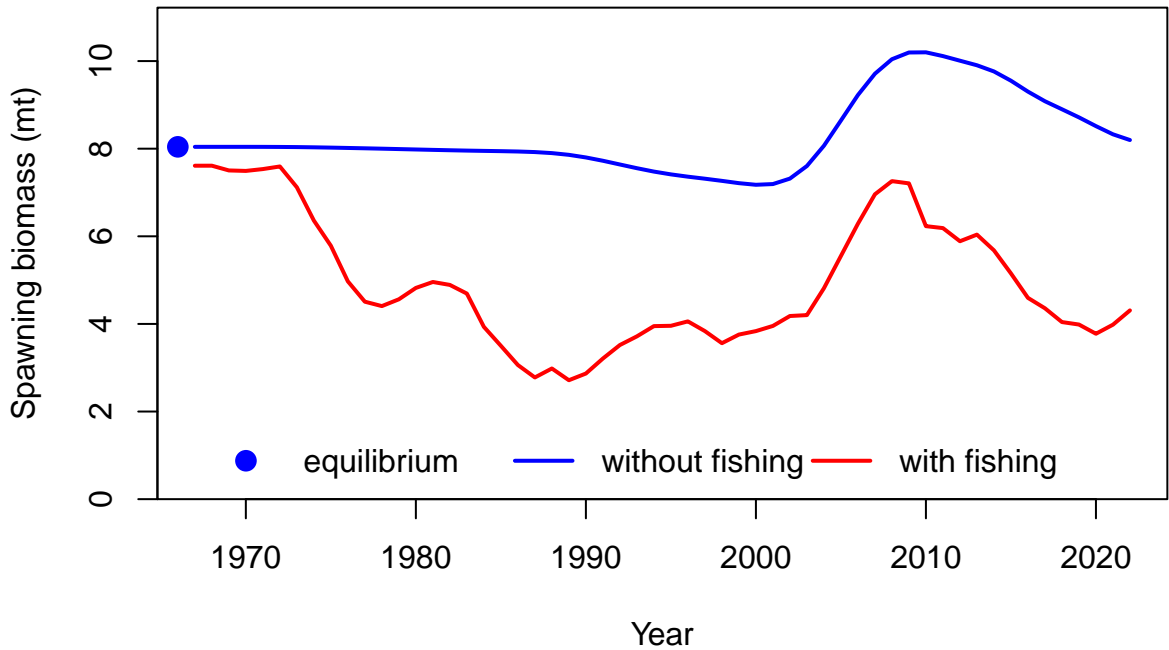


Age-0 recruits (1,000s)

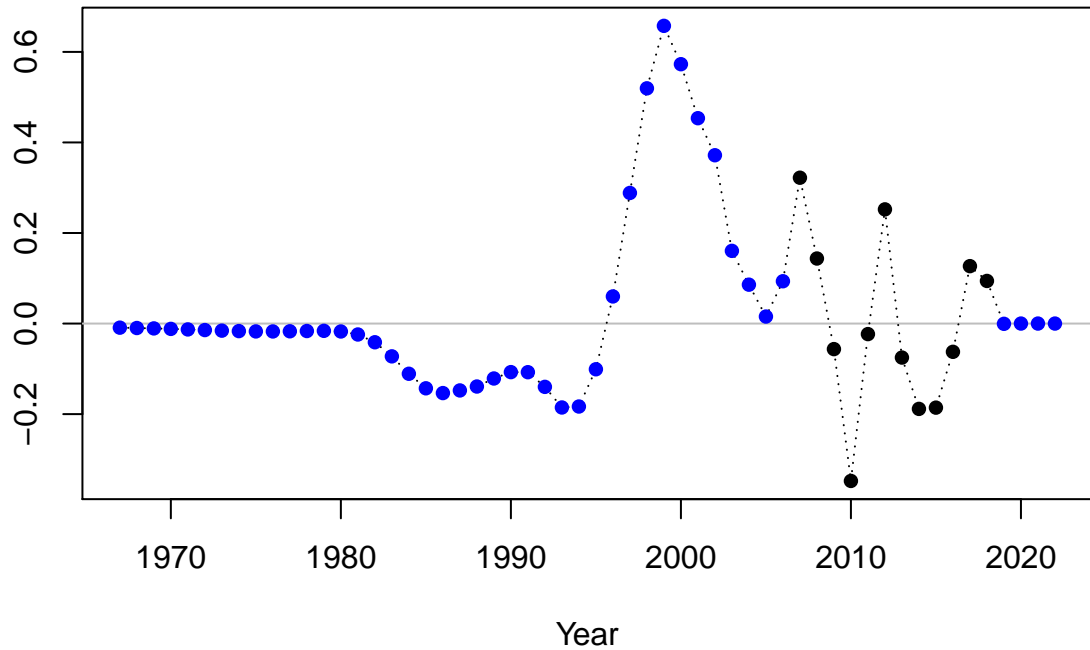


Summary Fishing Mortality

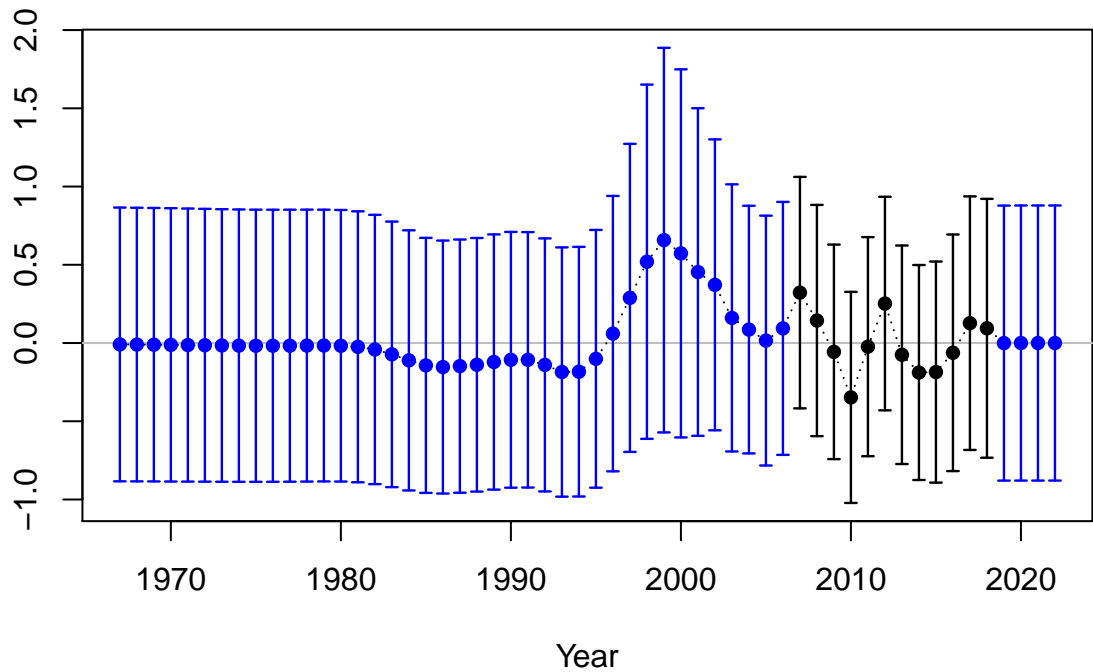




Log recruitment deviation

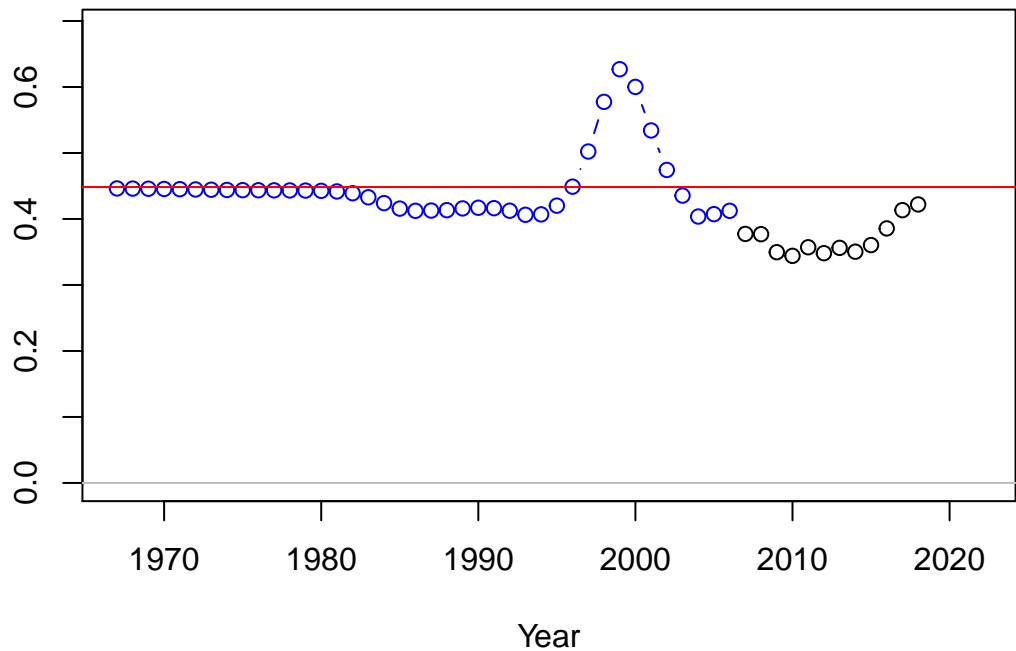


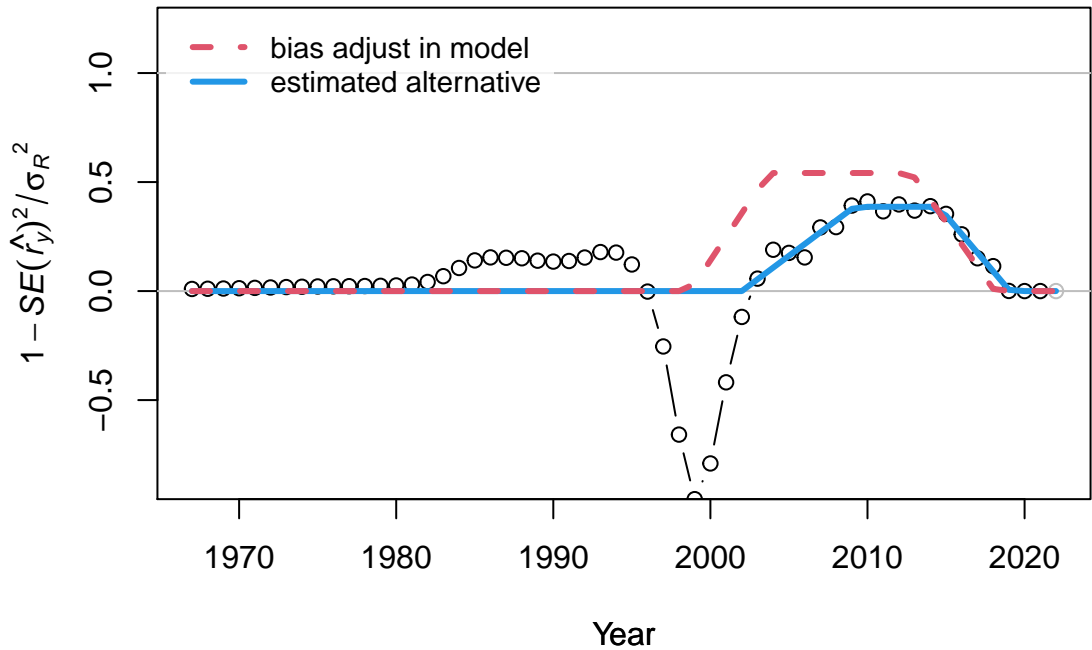
Log recruitment deviation

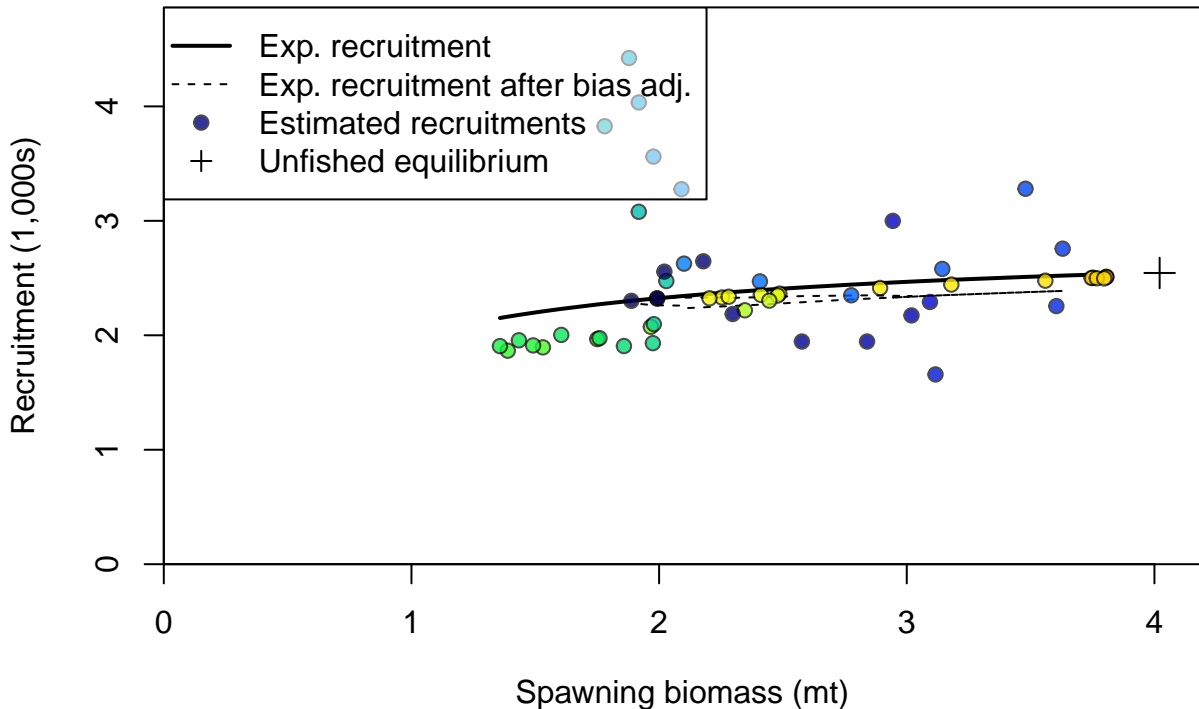


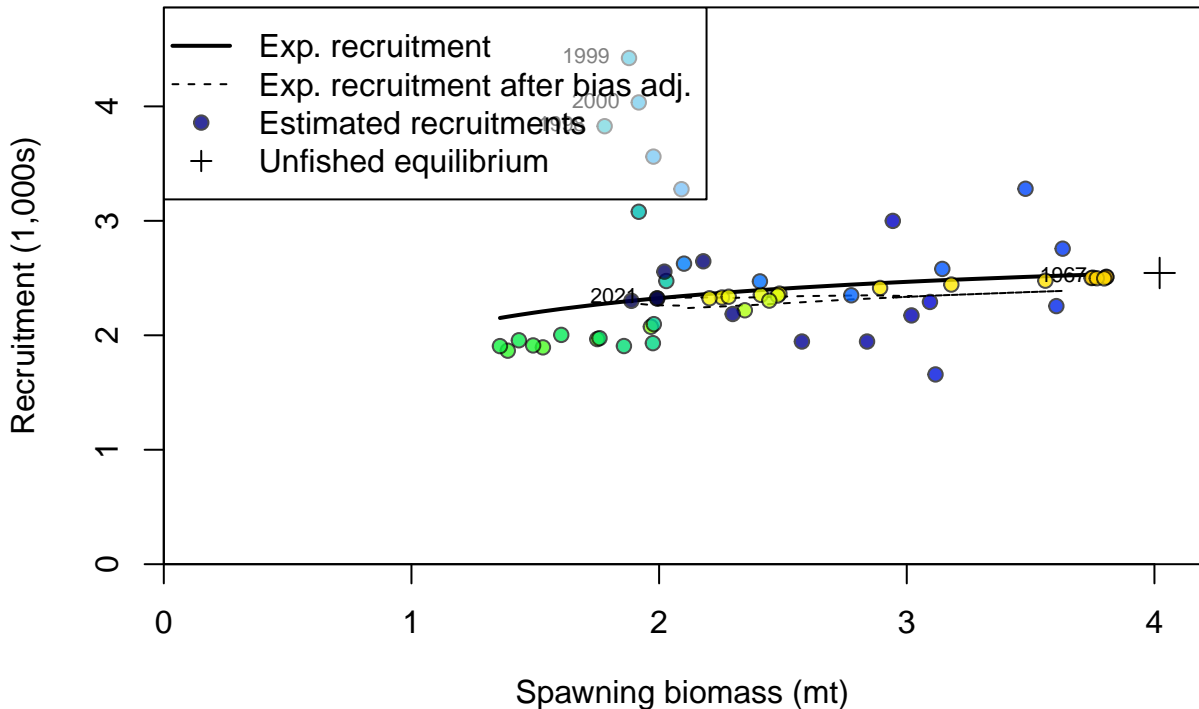
Recruitment deviation variance

Asymptotic standard error estimate

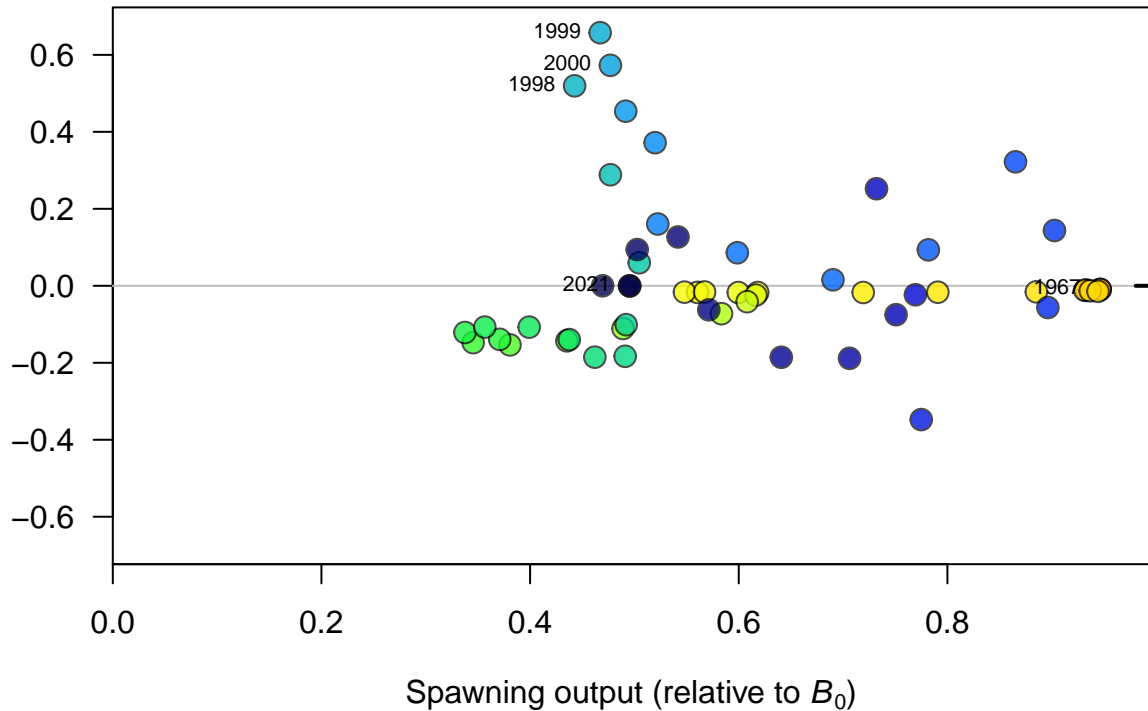


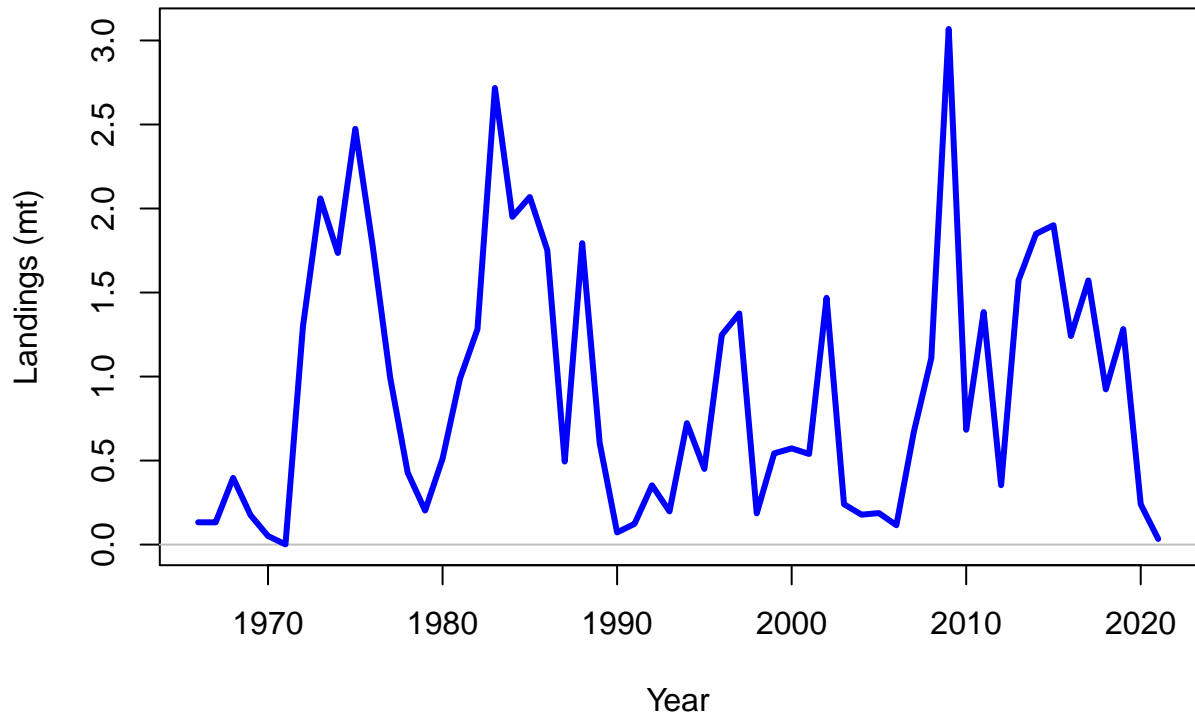




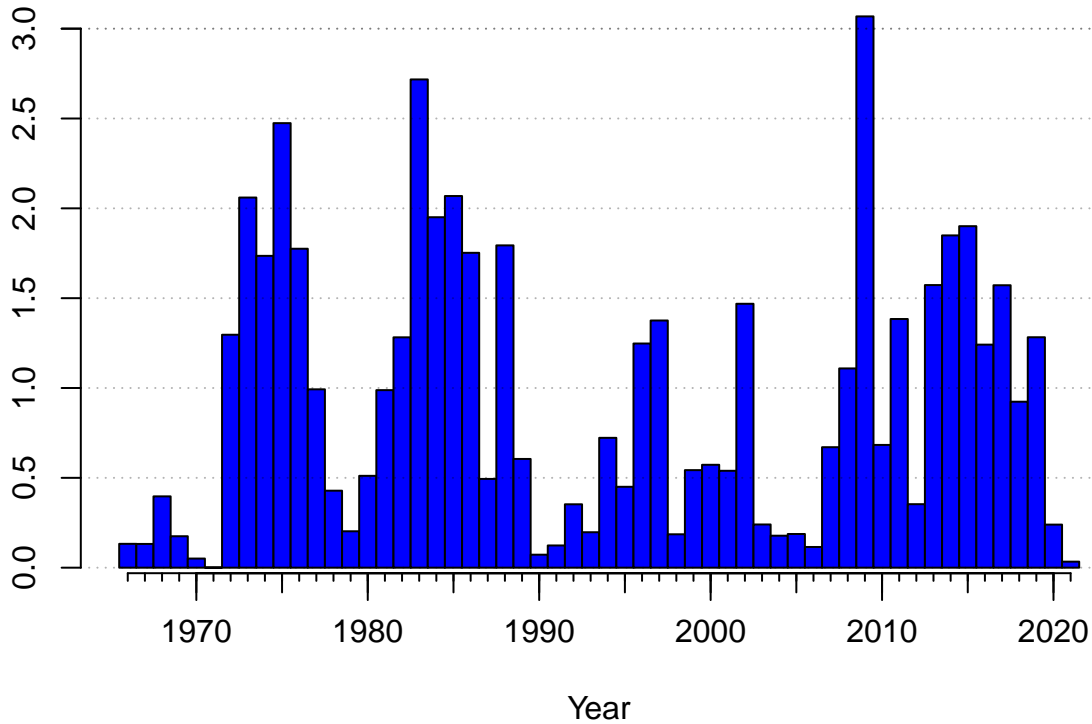


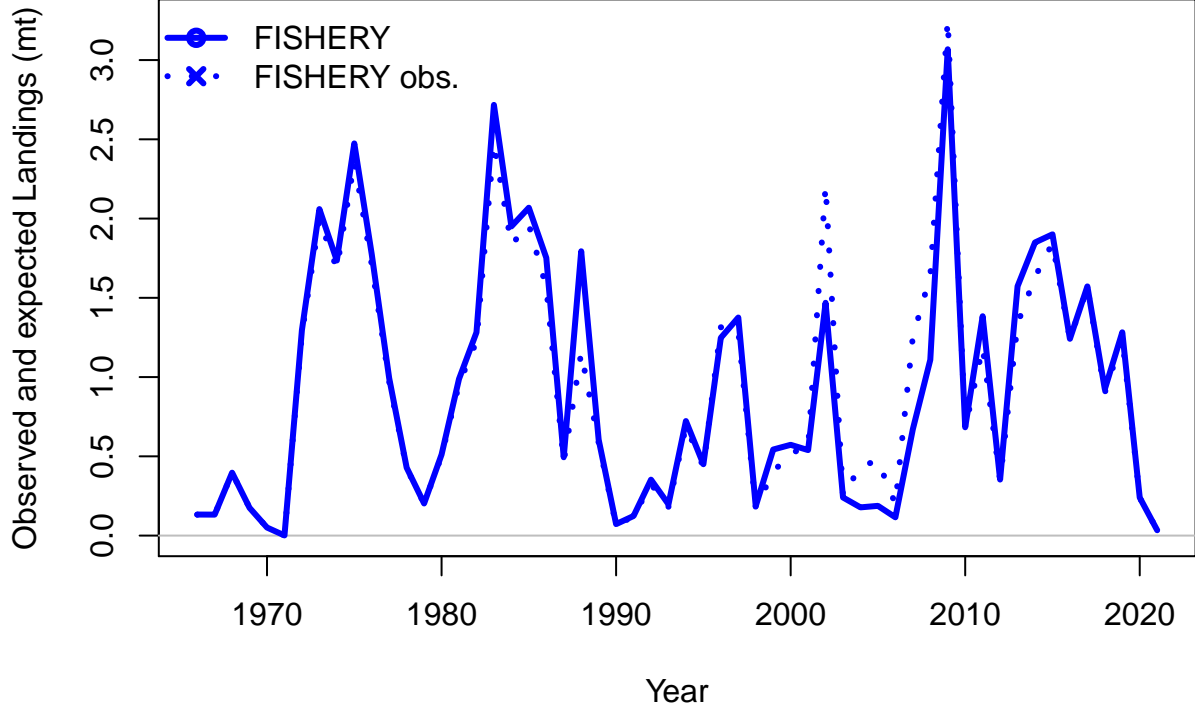
Log recruitment deviation

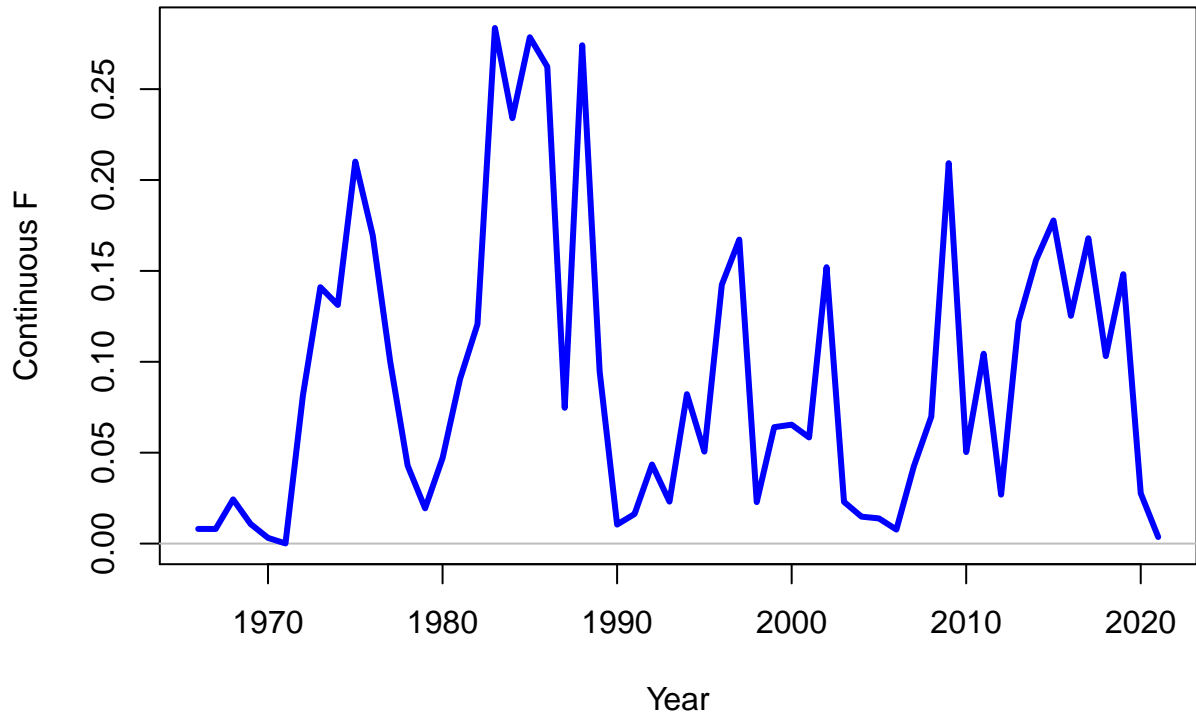




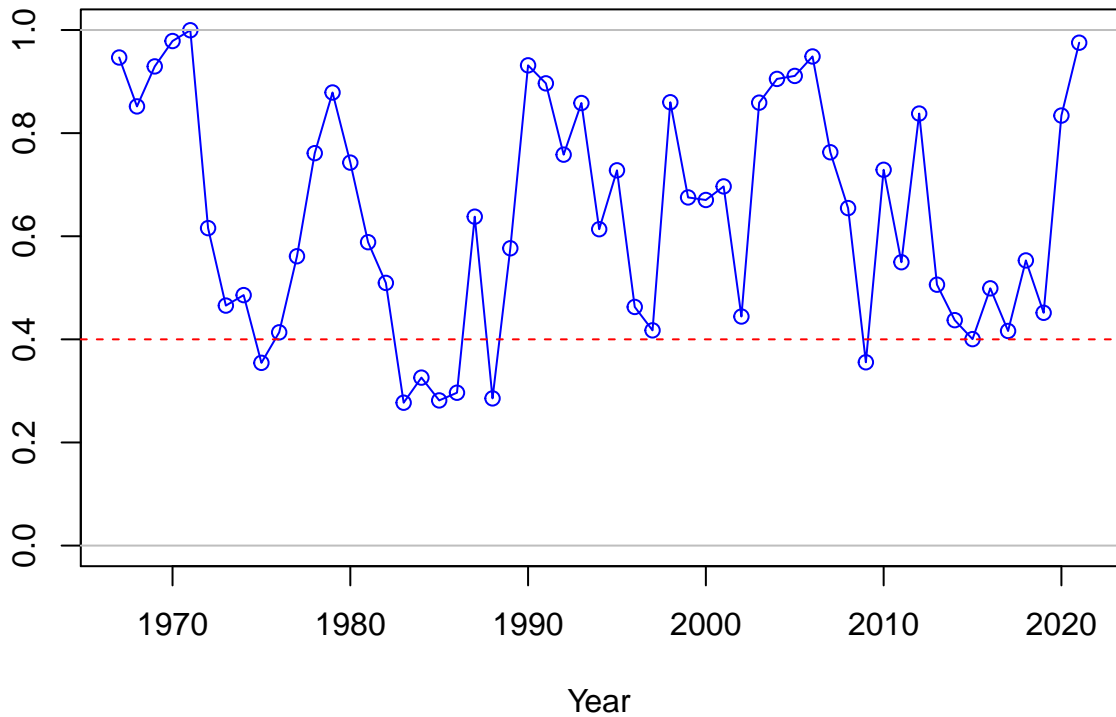
Landings (mt)



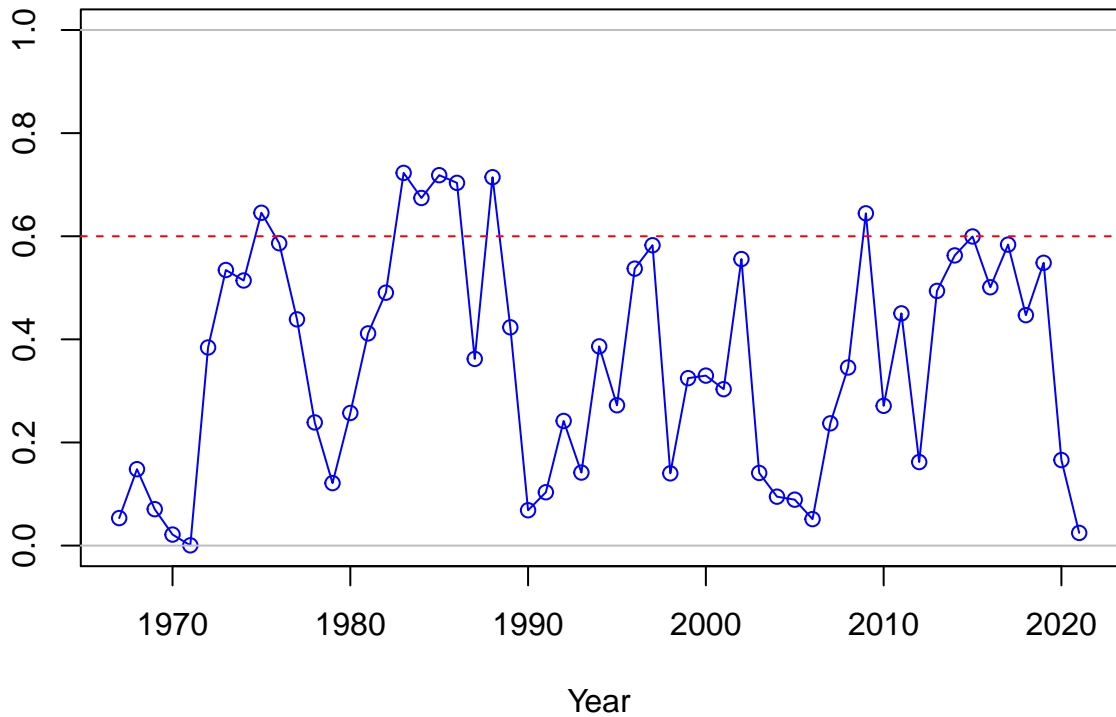




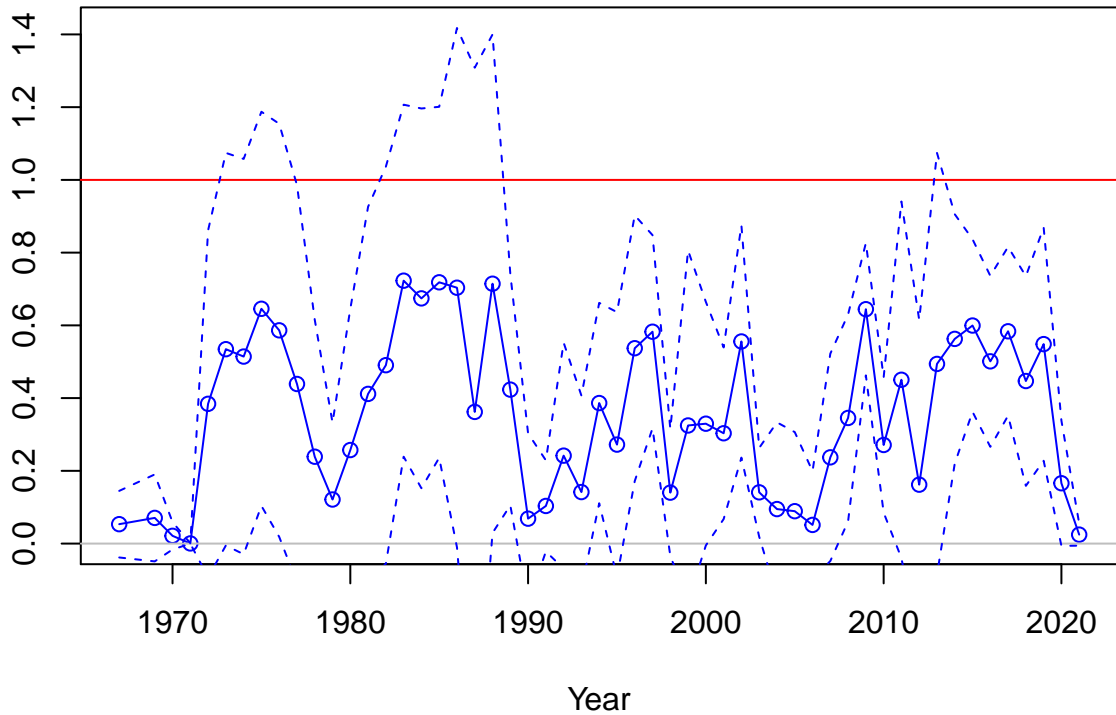
SPR



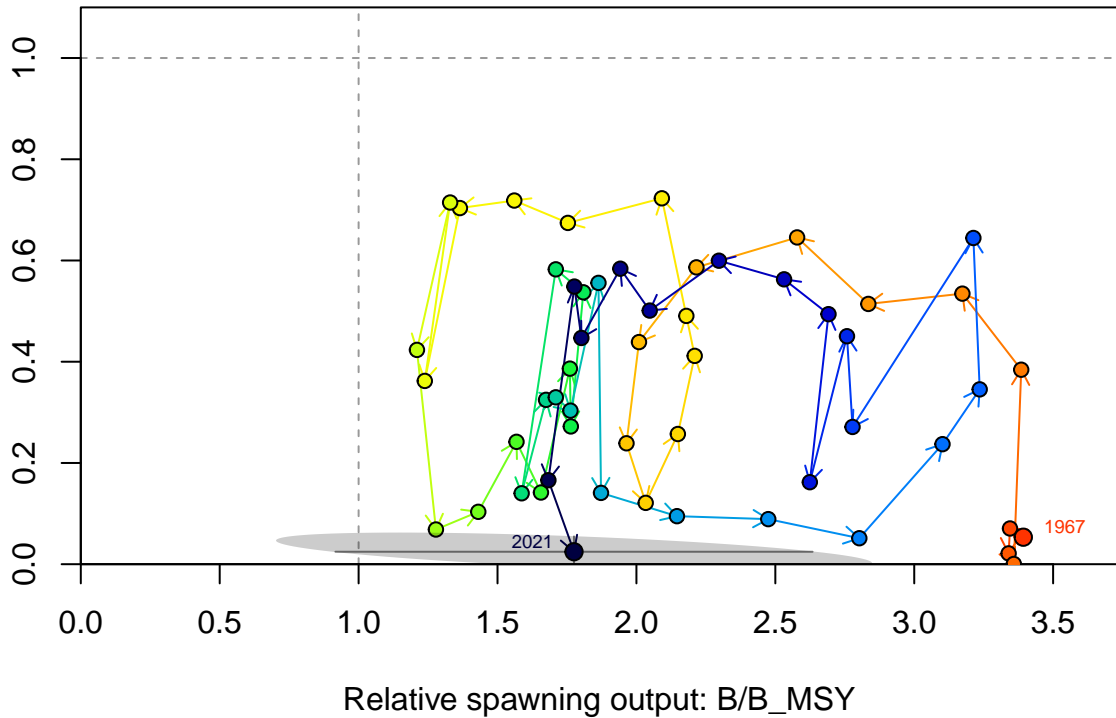
1-SPR



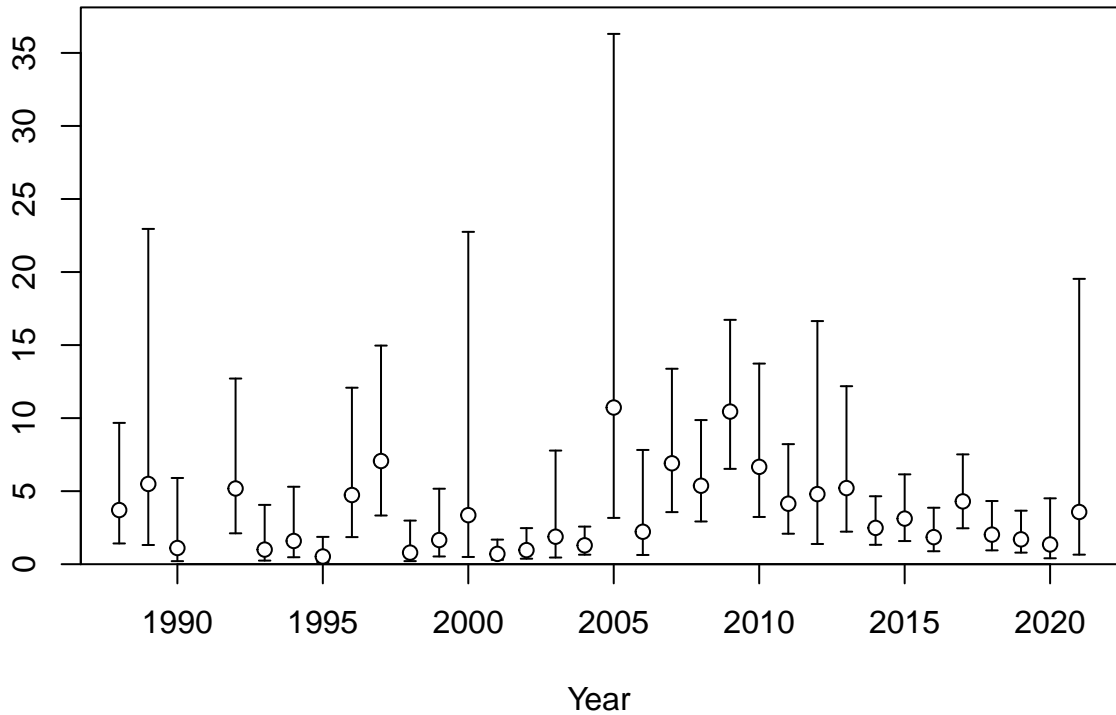
Fishing intensity: 1-SPR



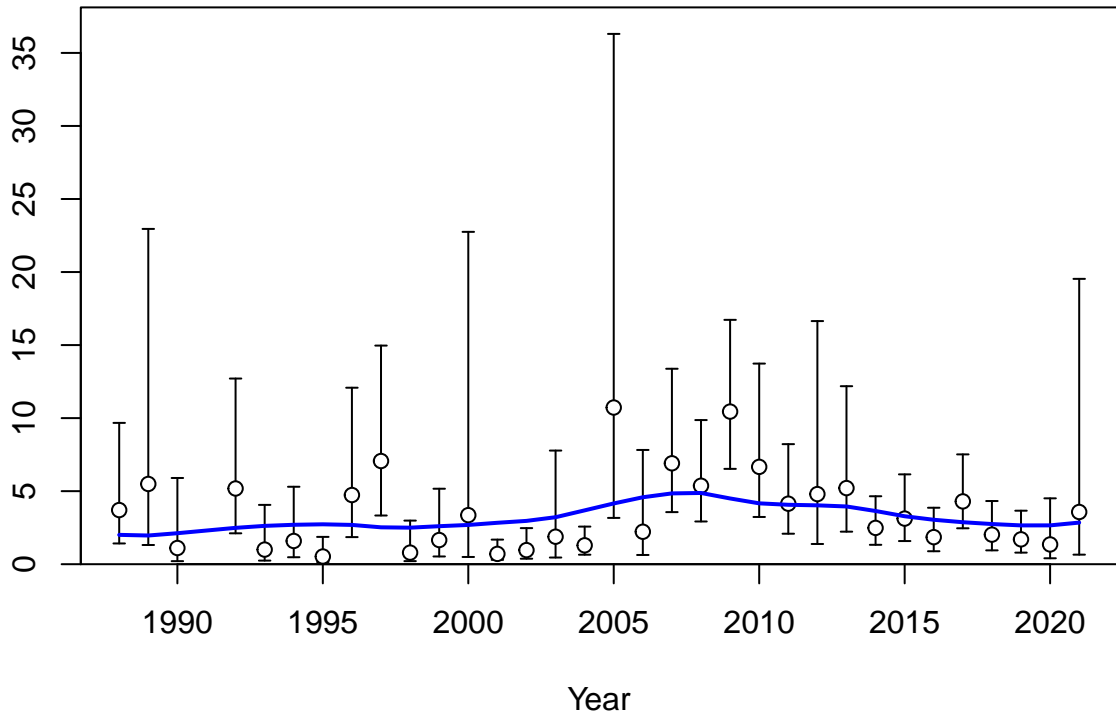
Fishing intensity: 1-SPR

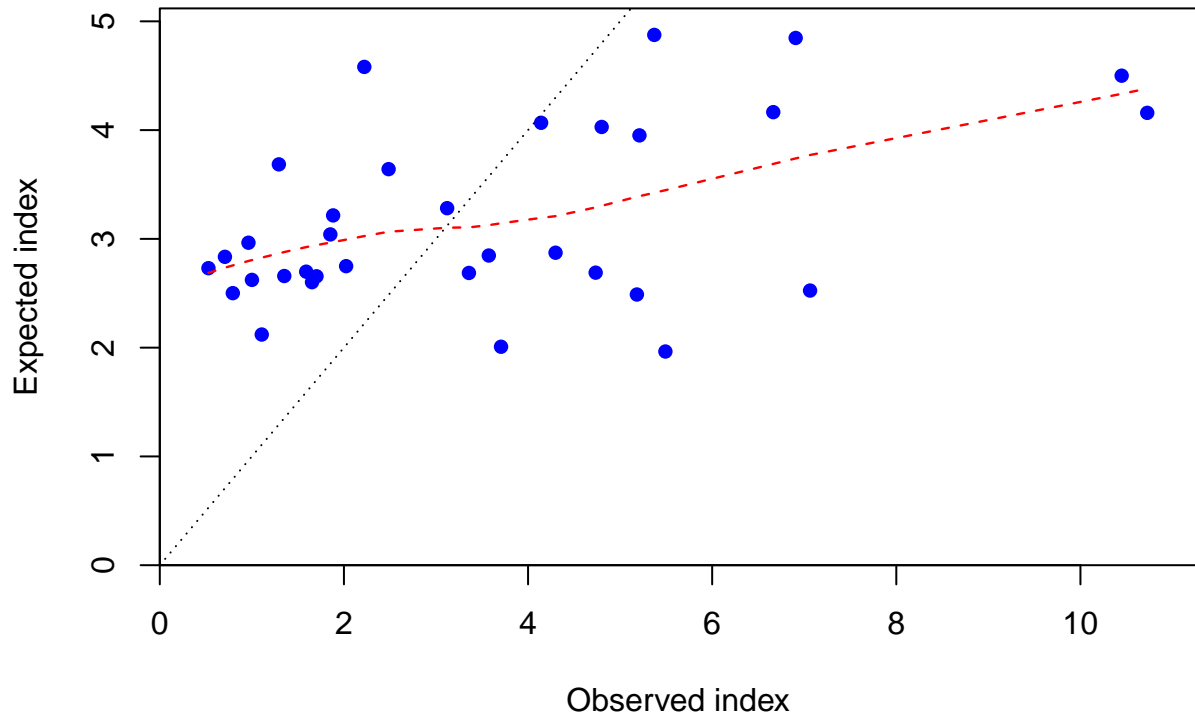


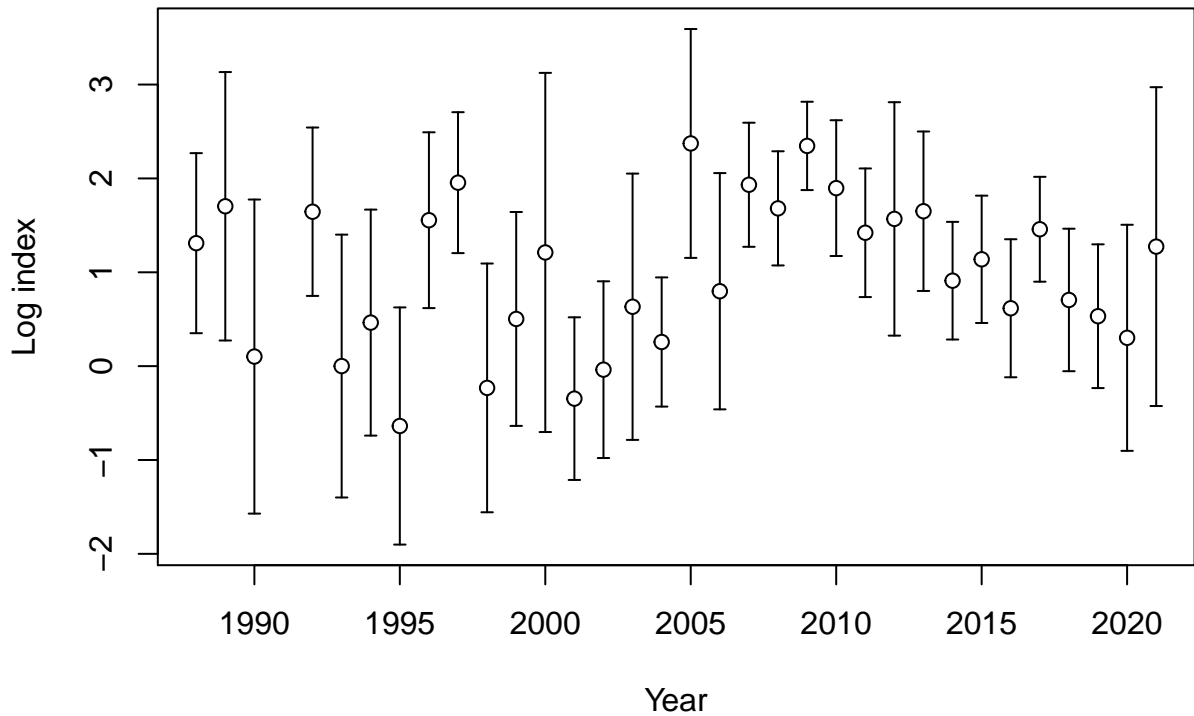
Index

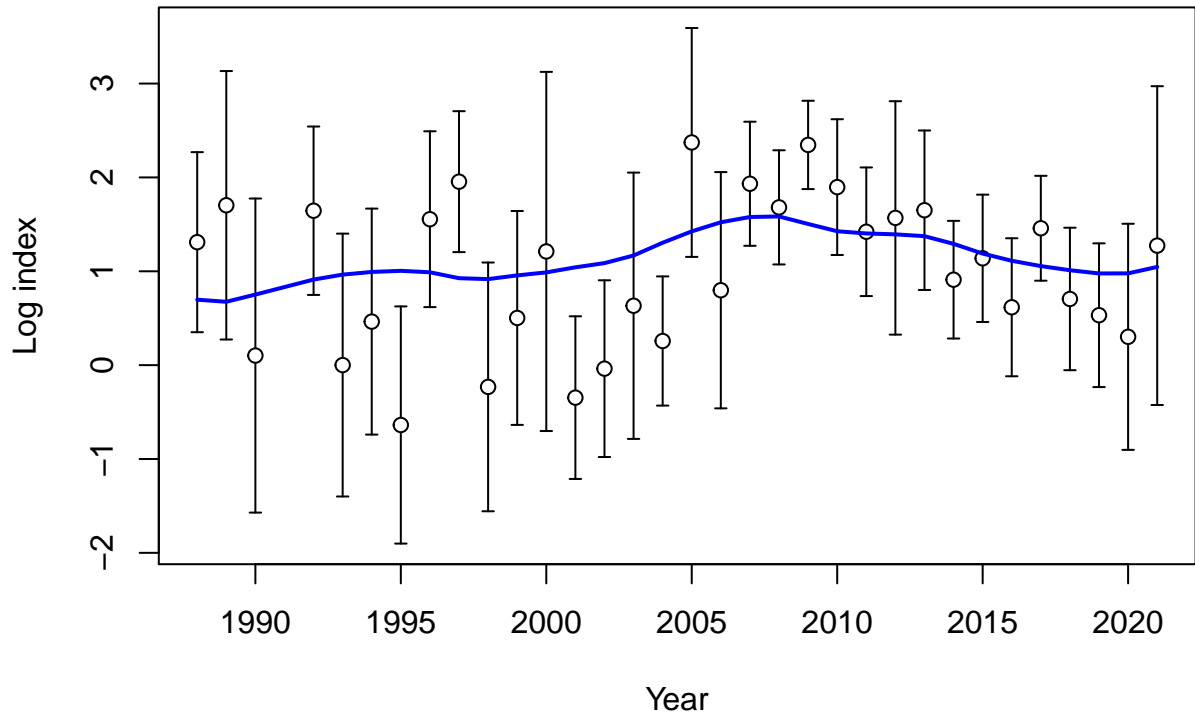


Index

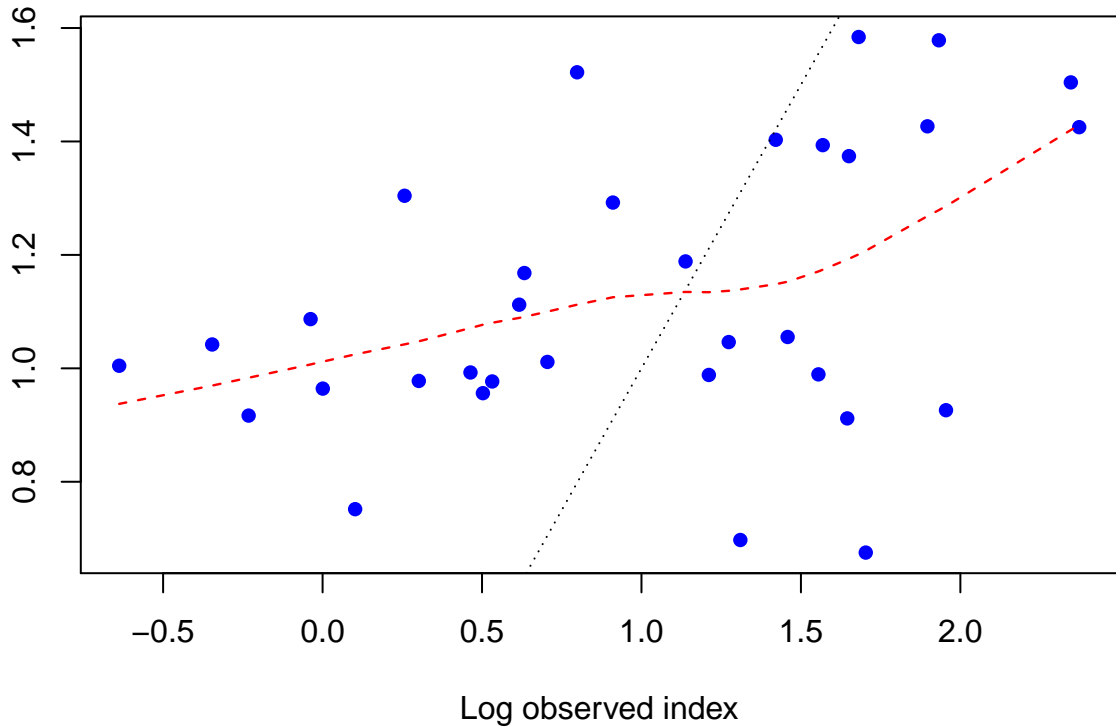


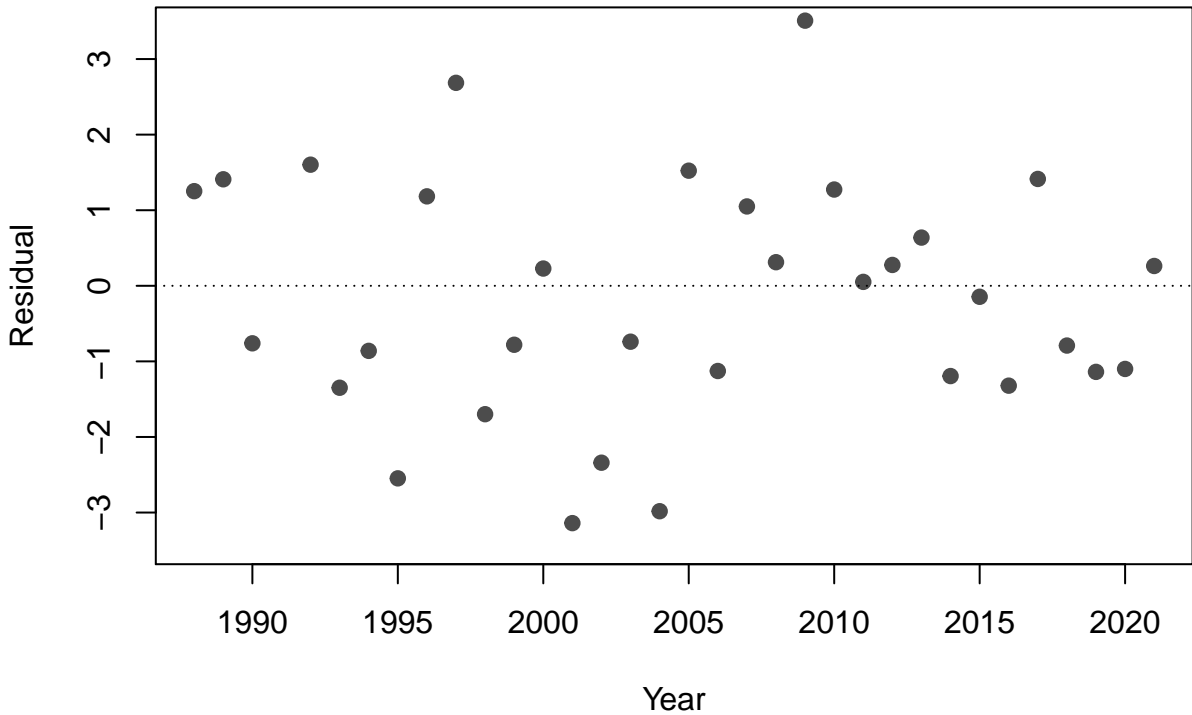


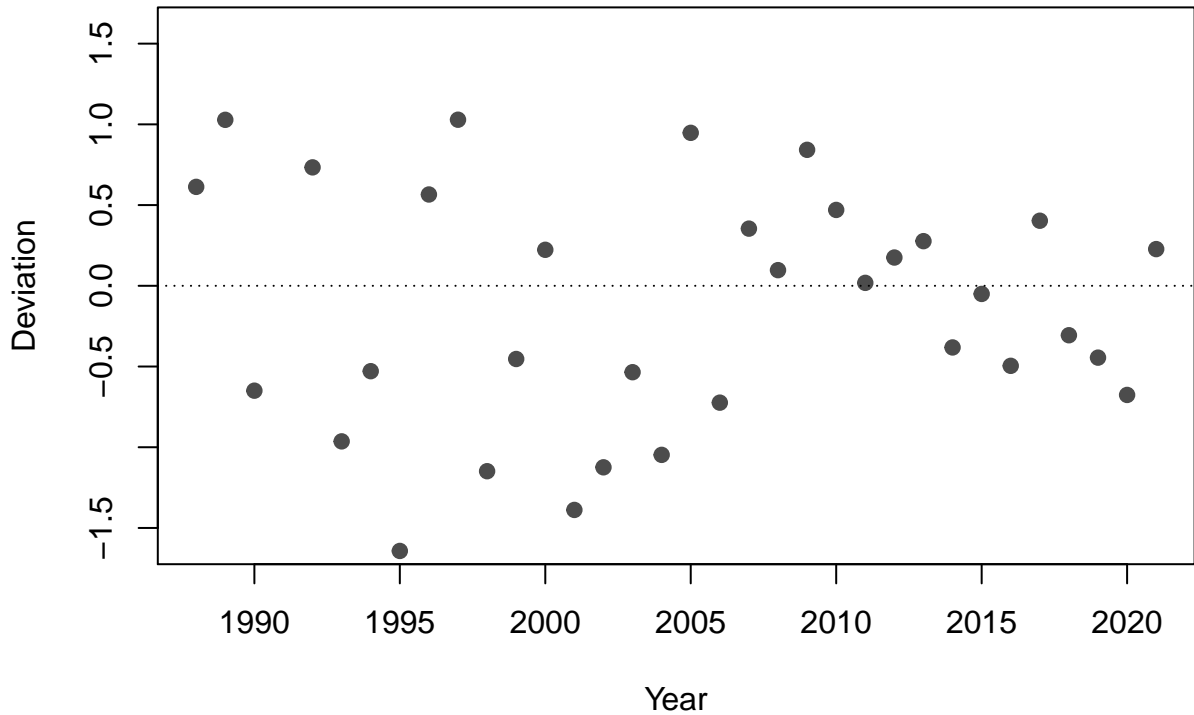


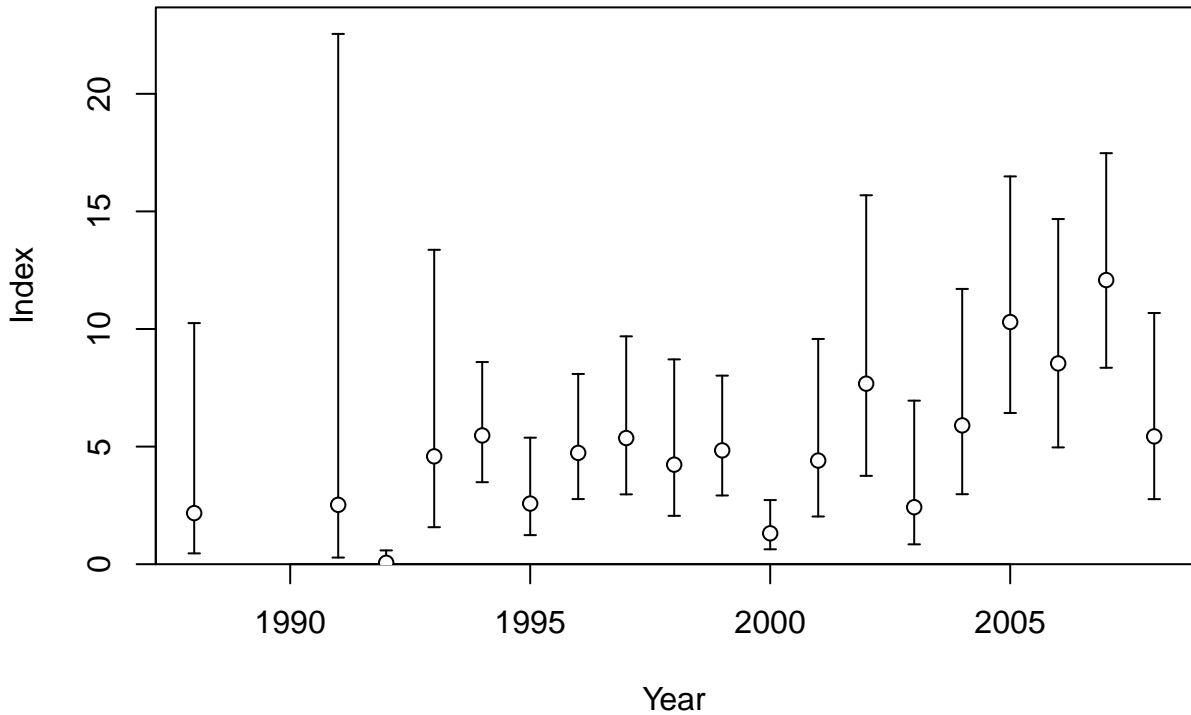


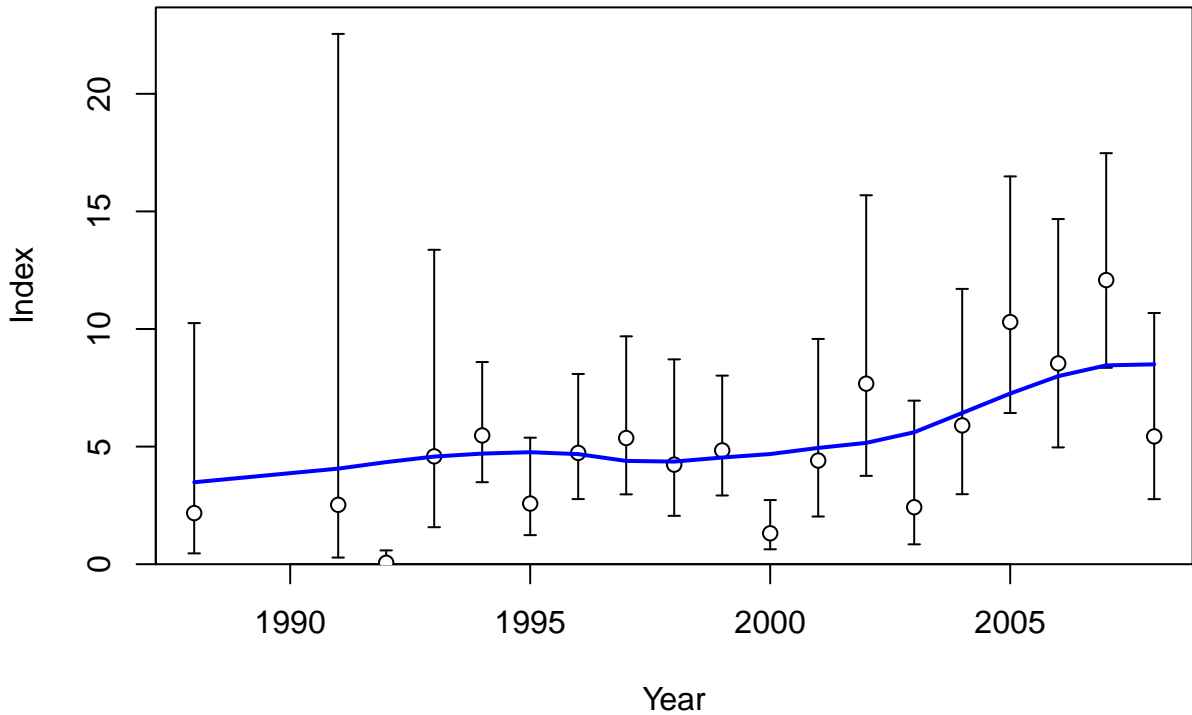
Log expected index

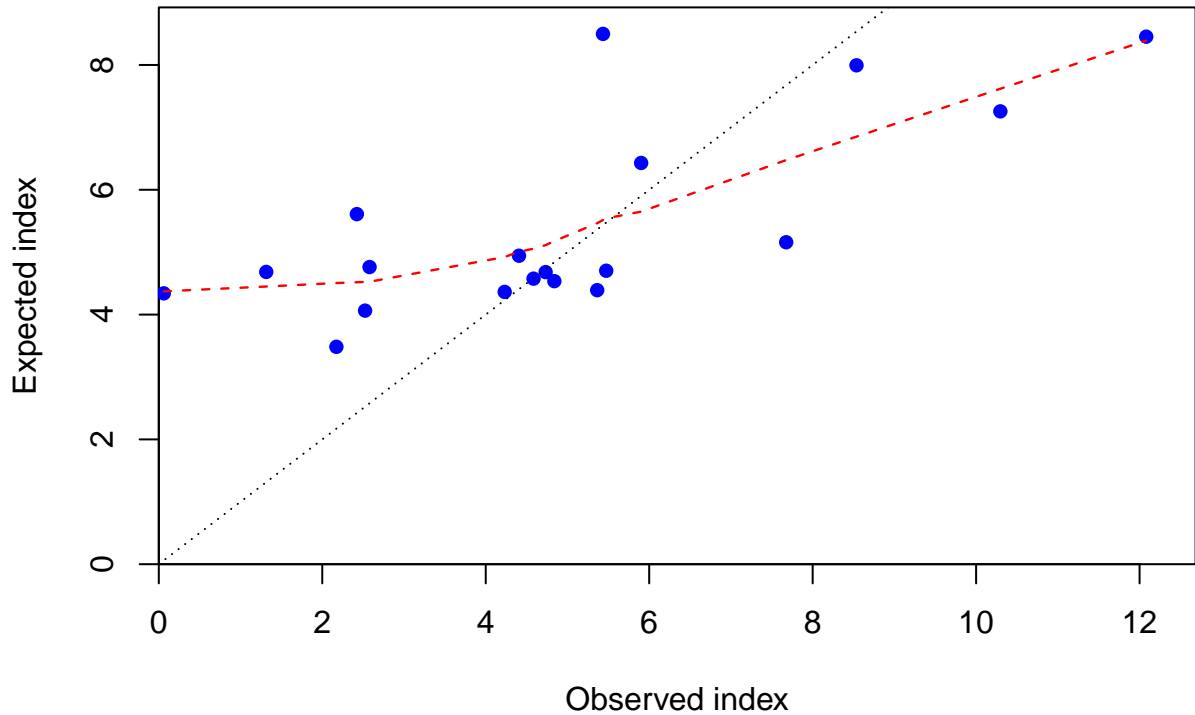


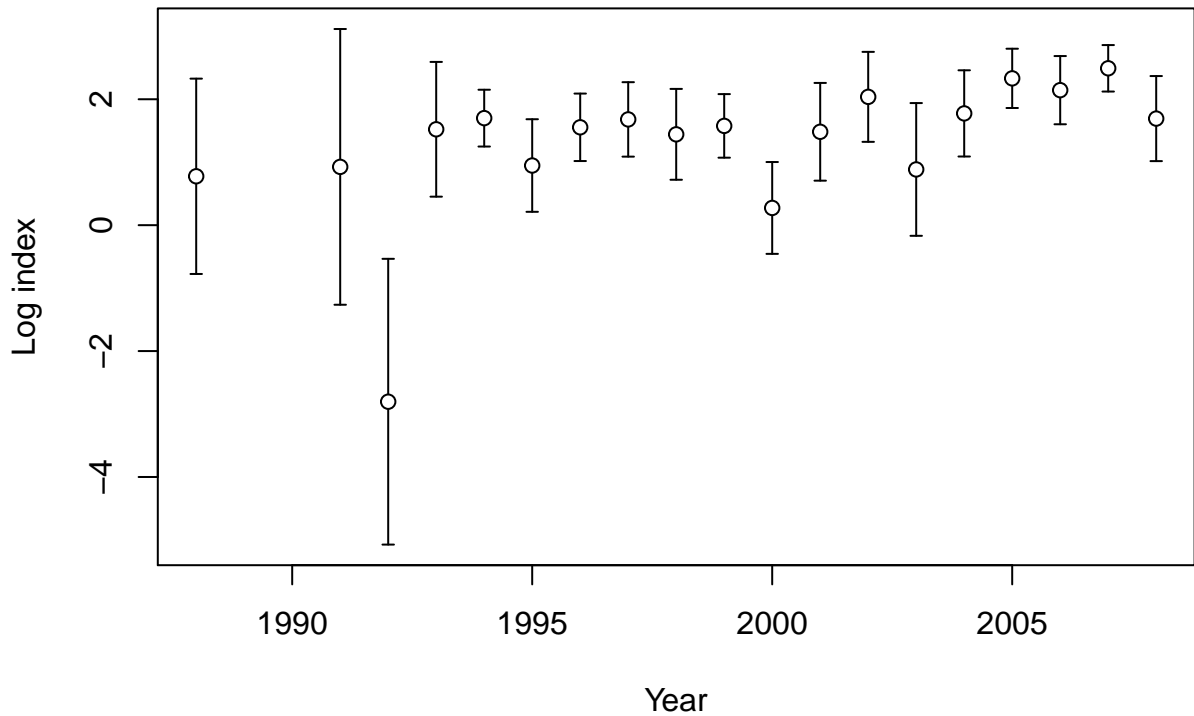


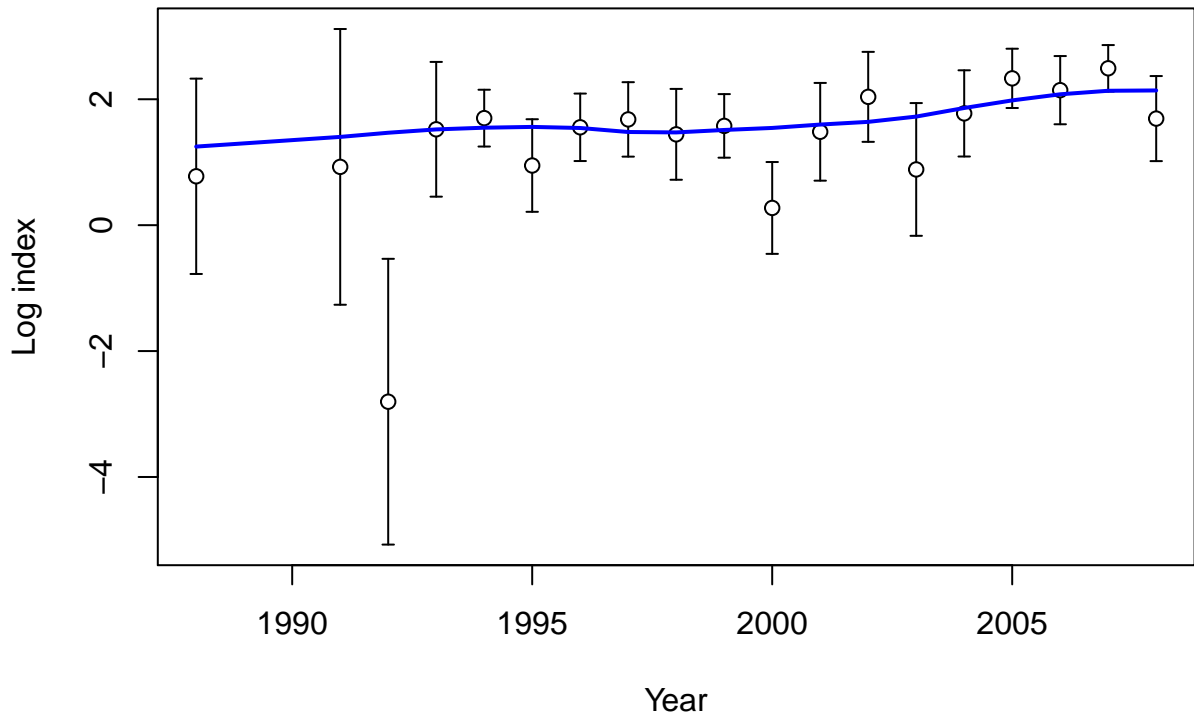


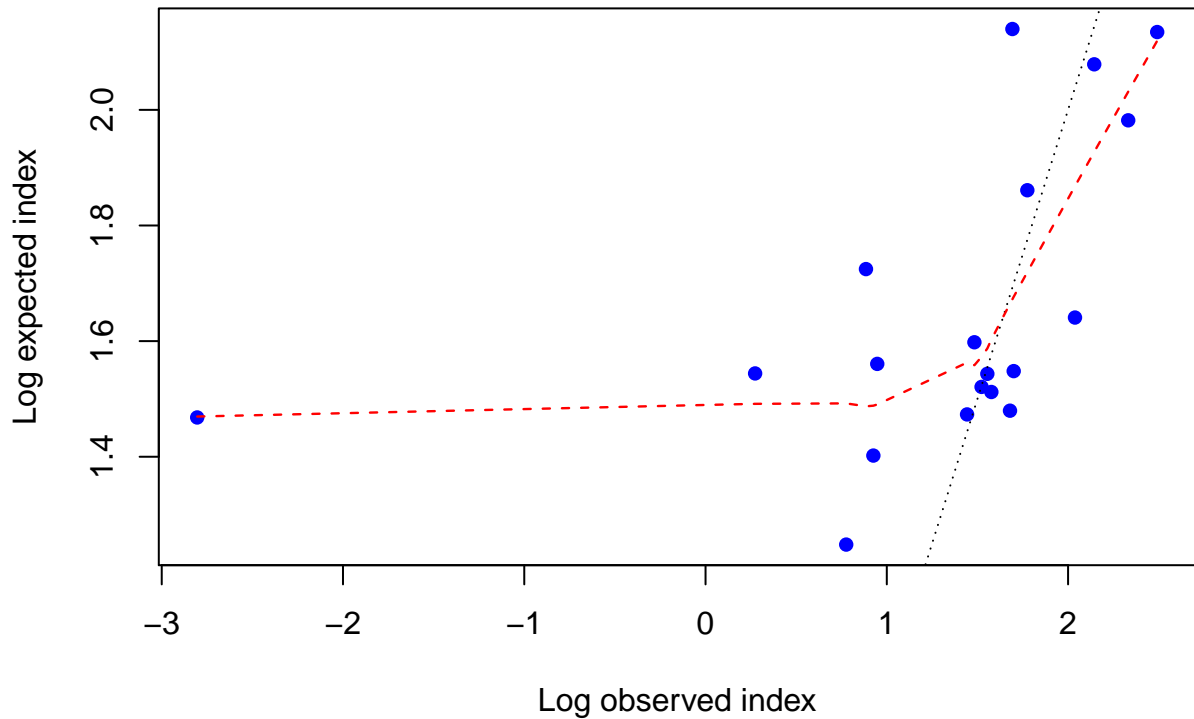


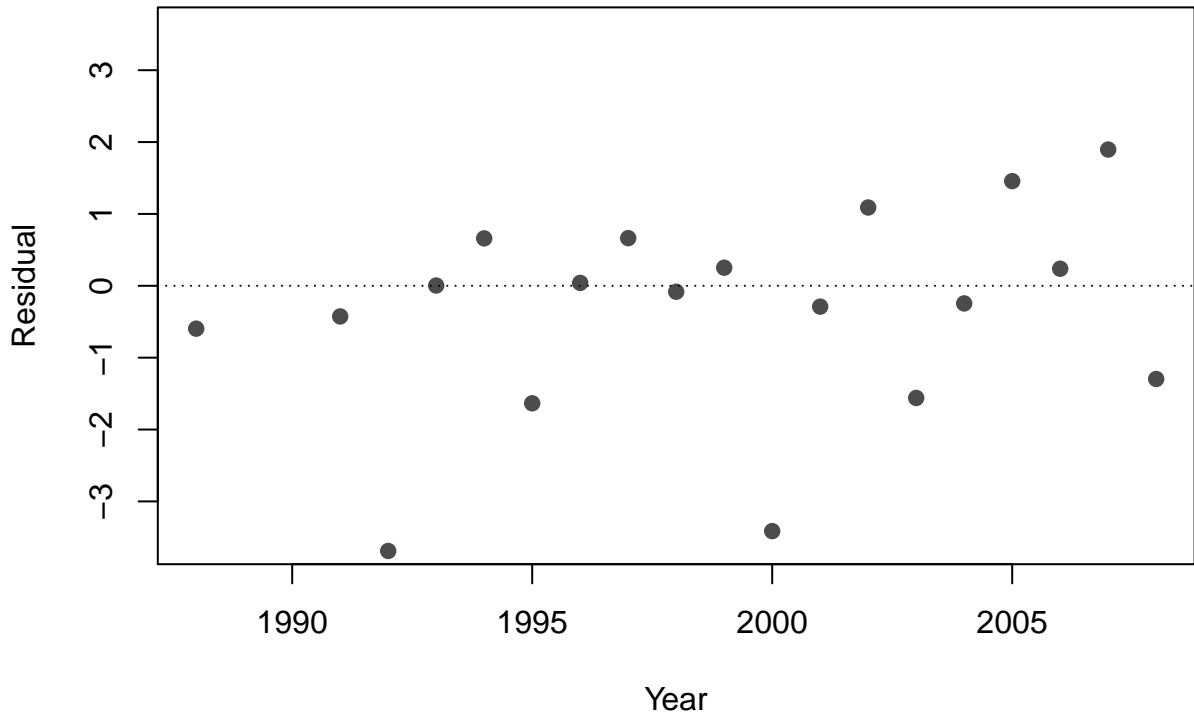


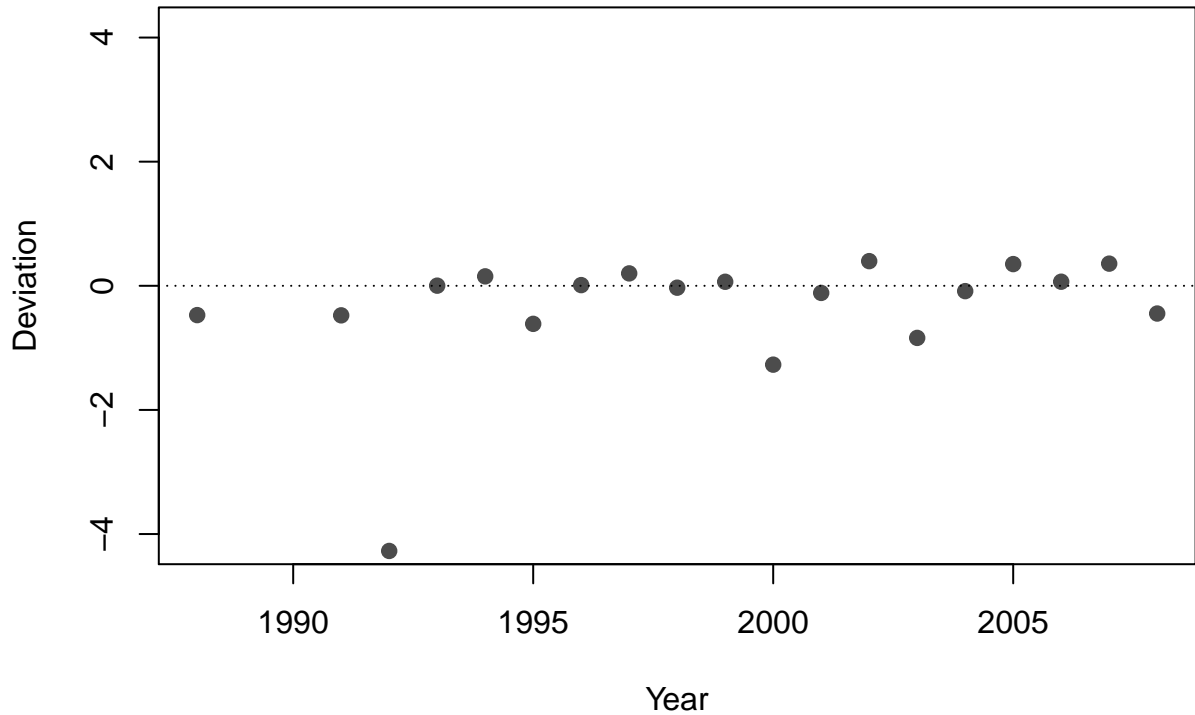




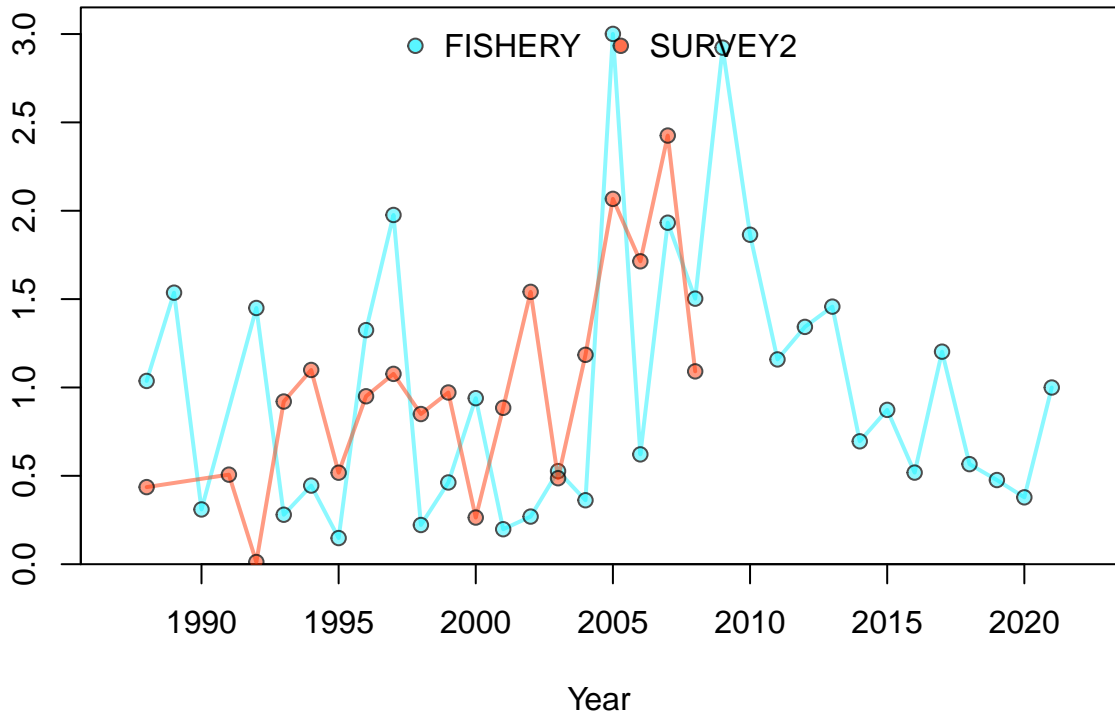


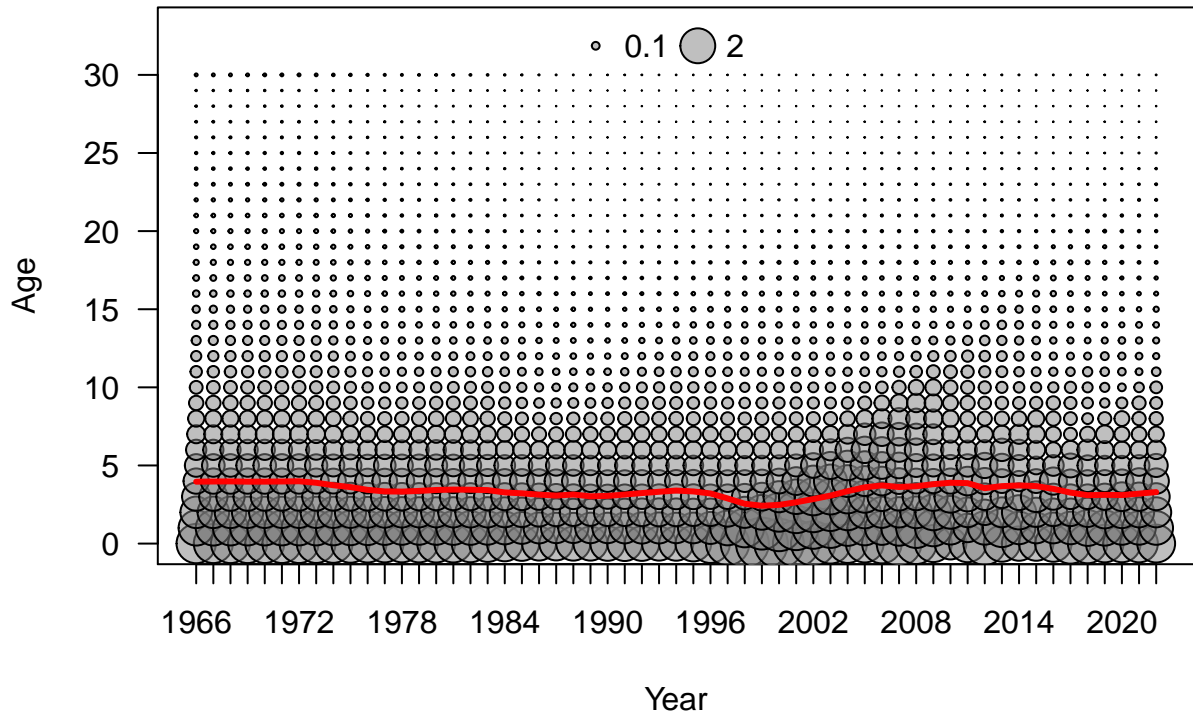


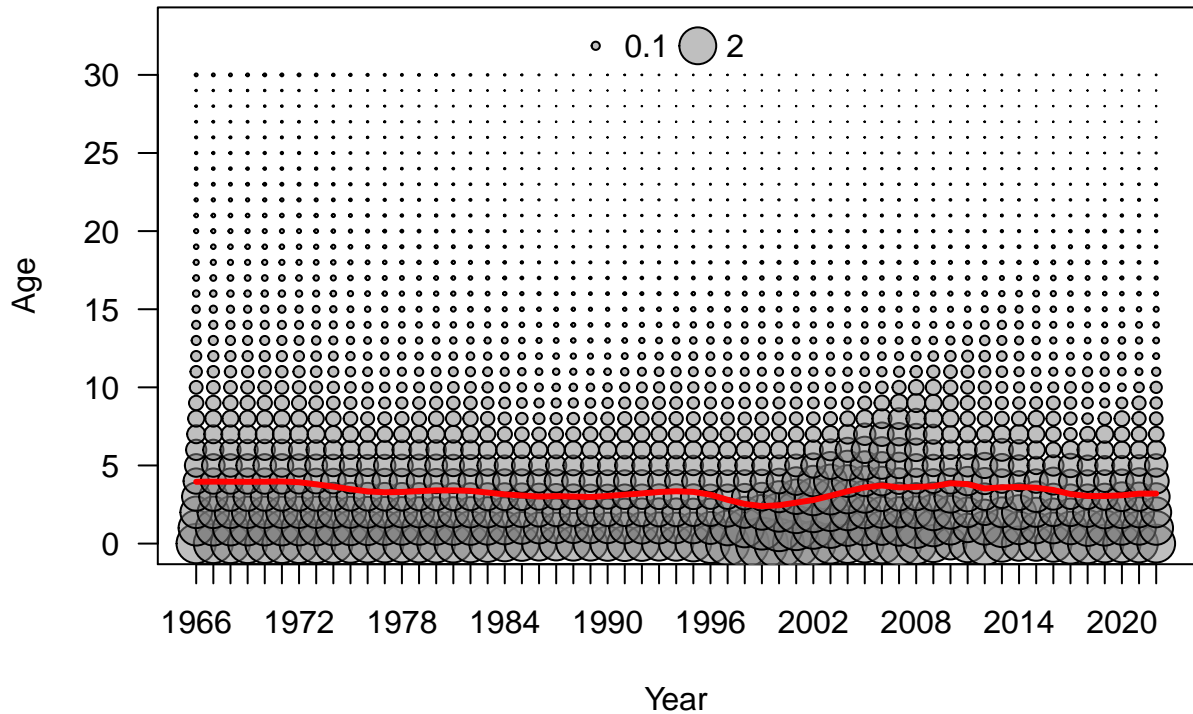


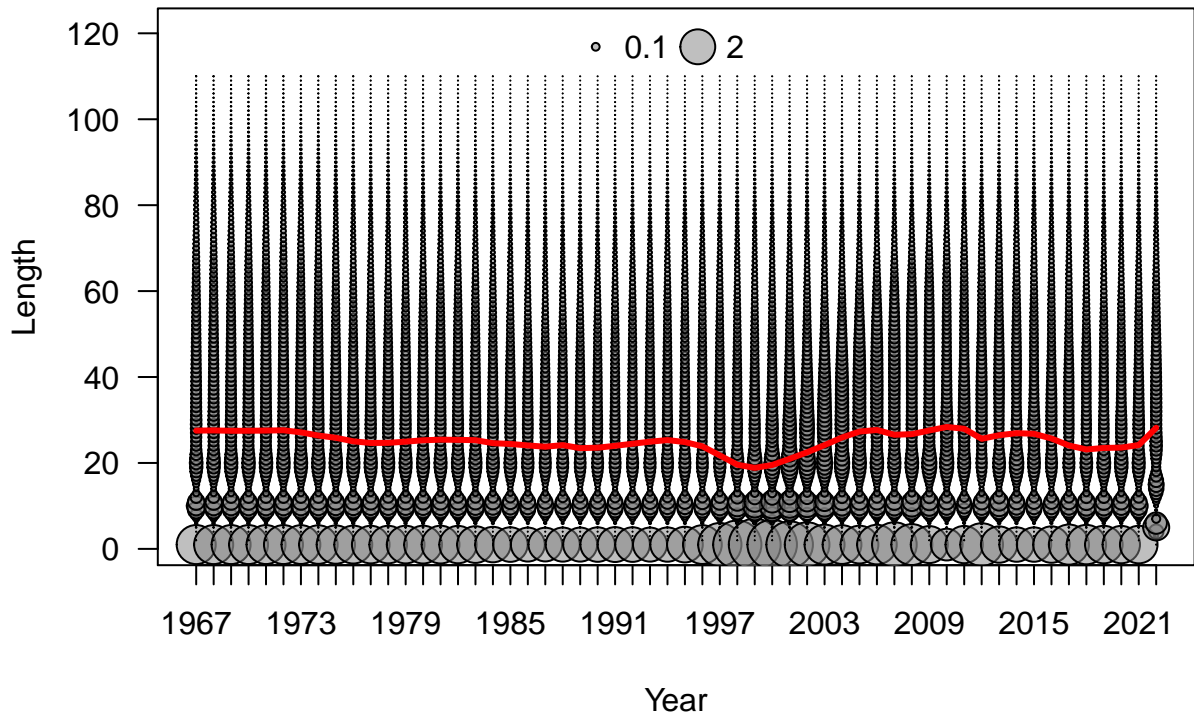


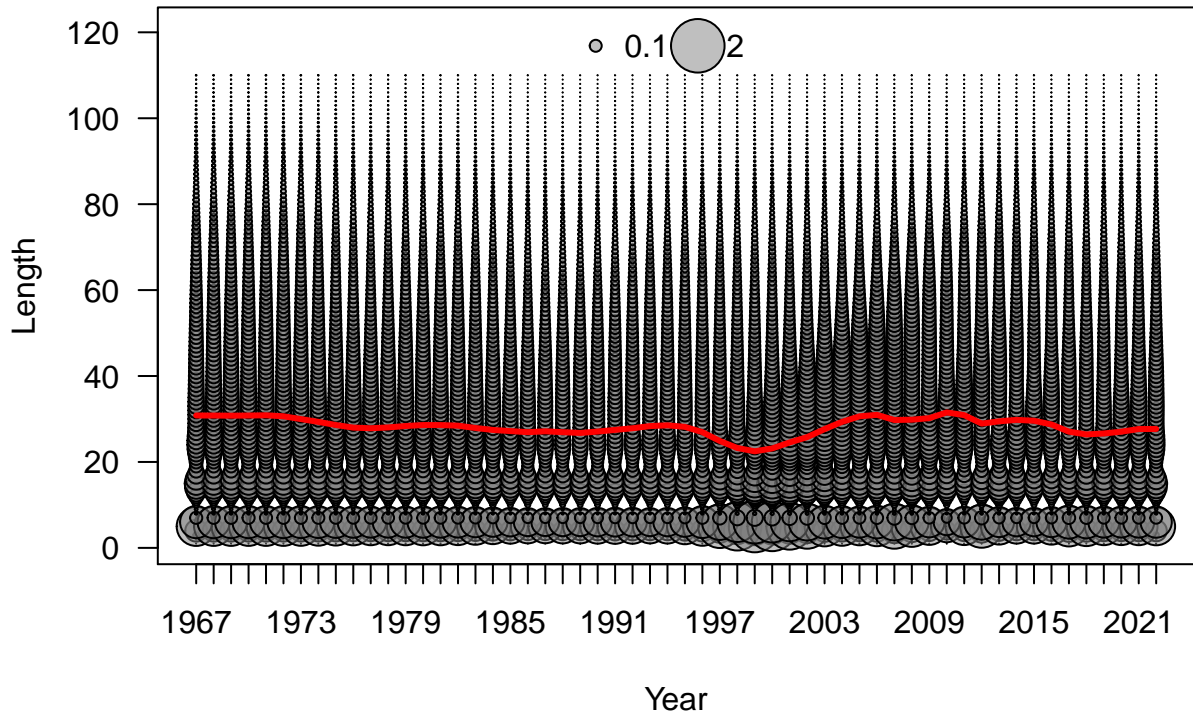
Standardized index

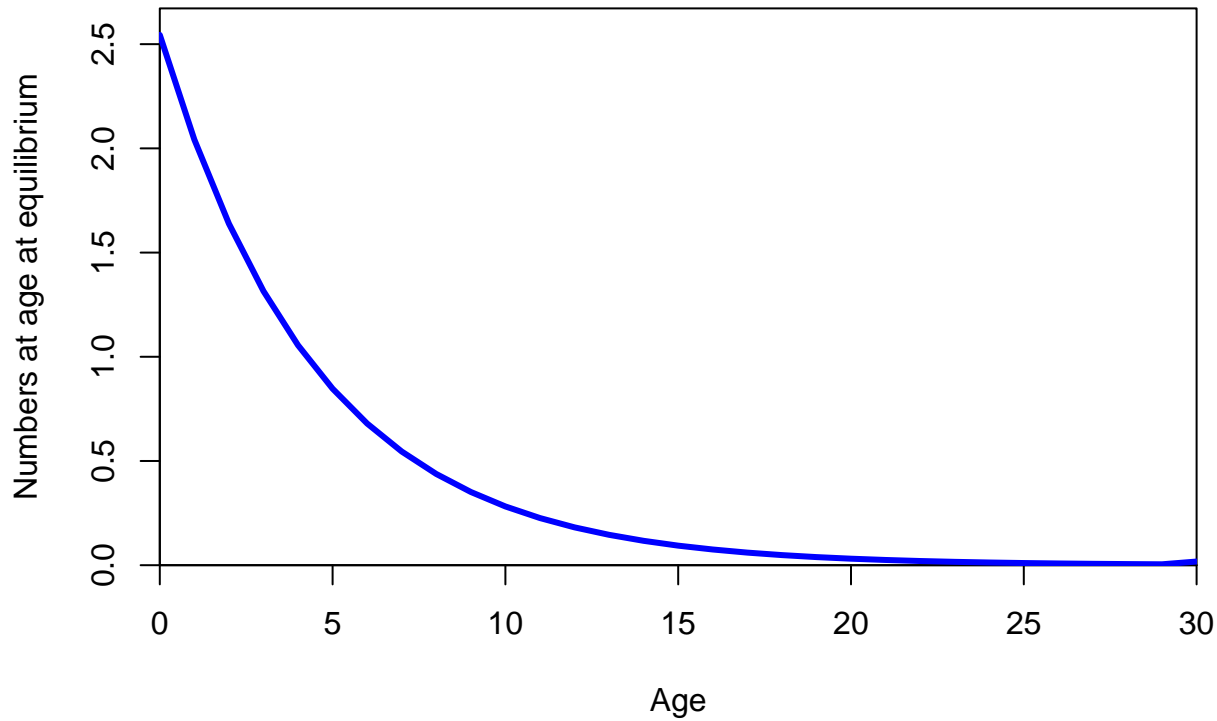






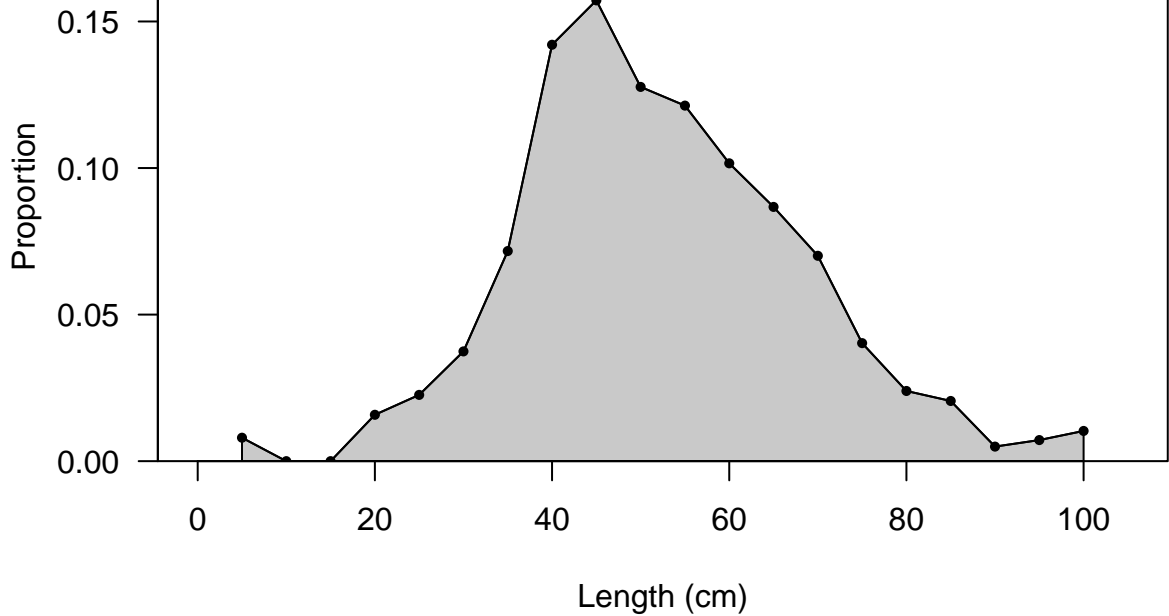


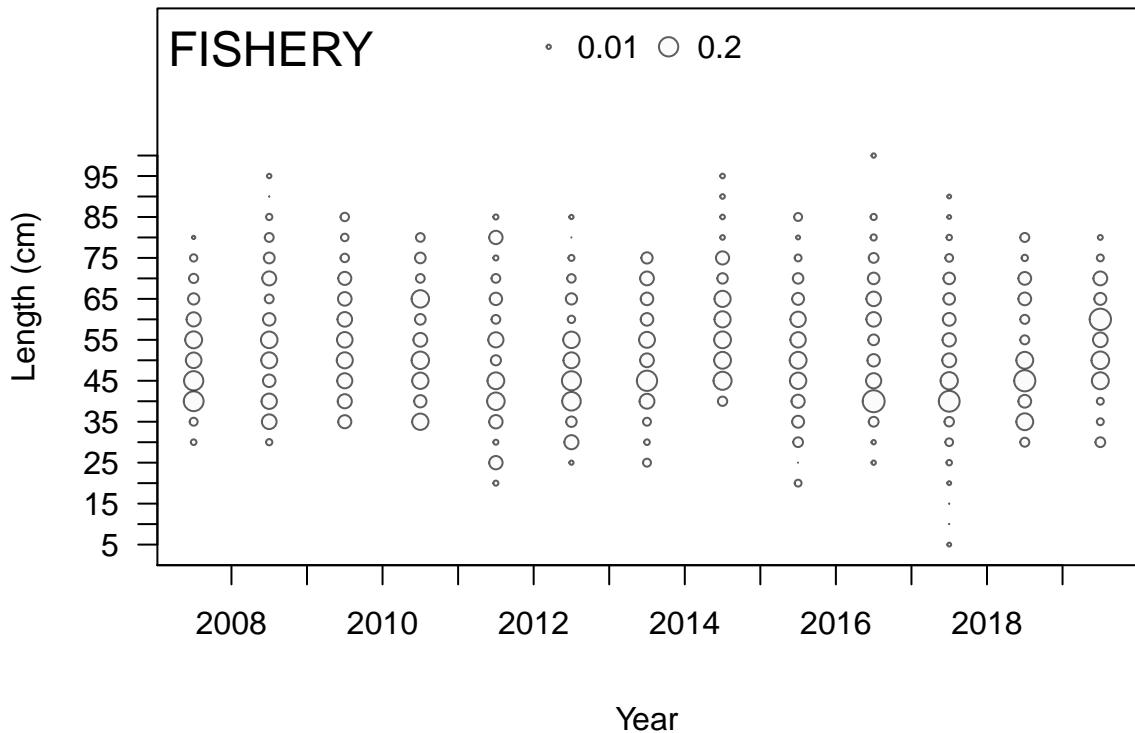




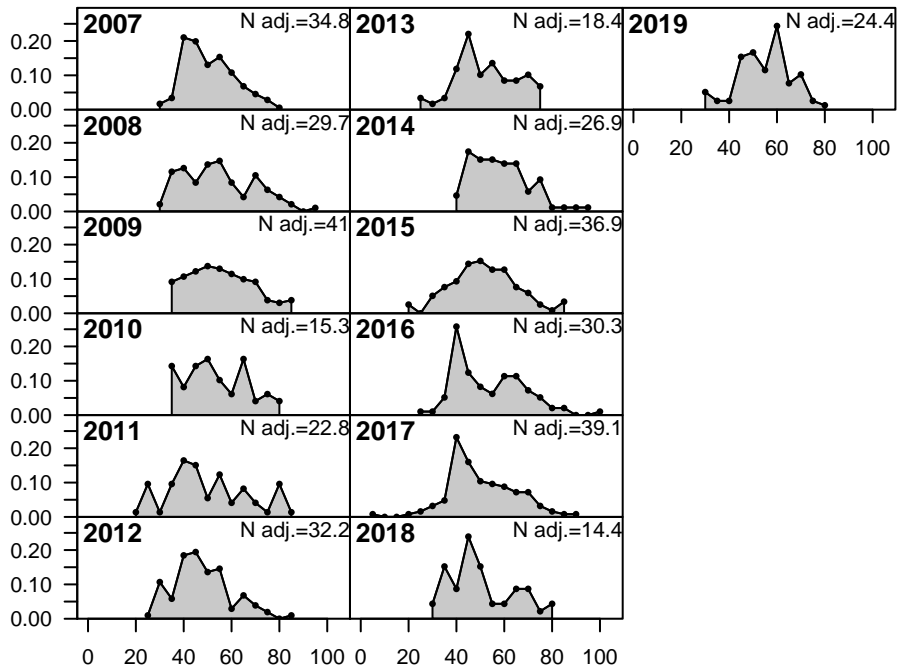
FISHERY

Sum of N adj.=366.2

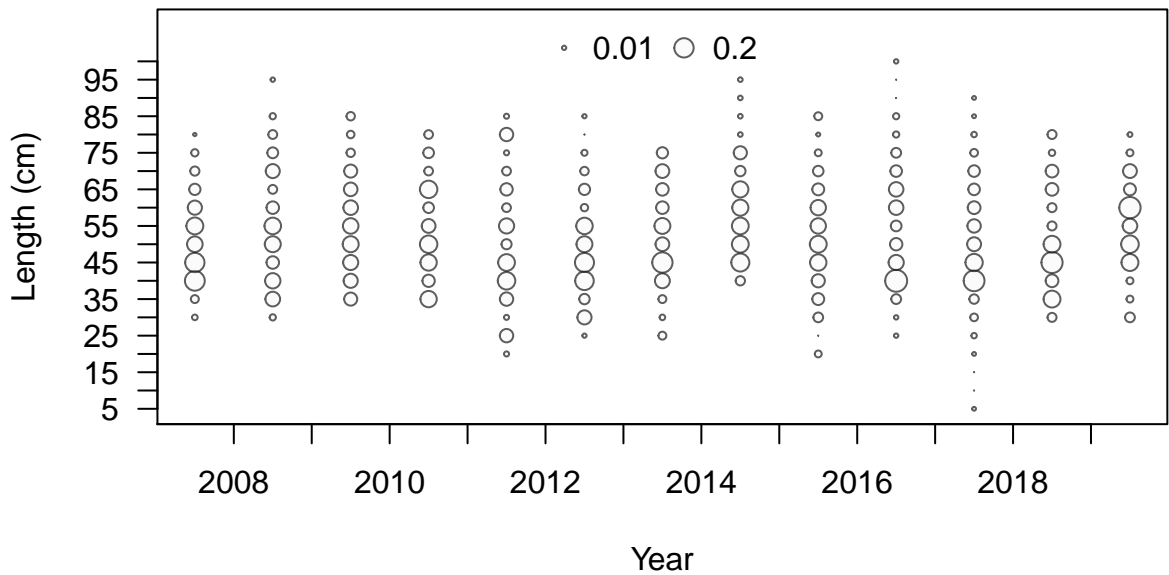




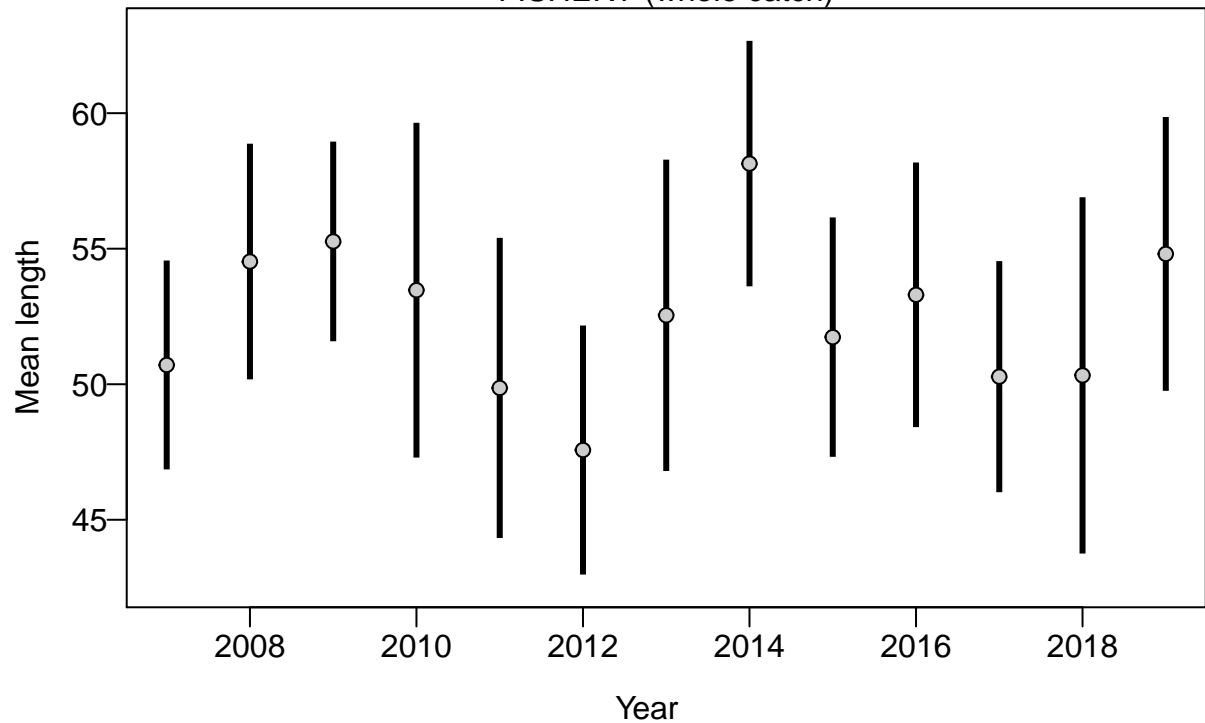
Proportion



Length (cm)

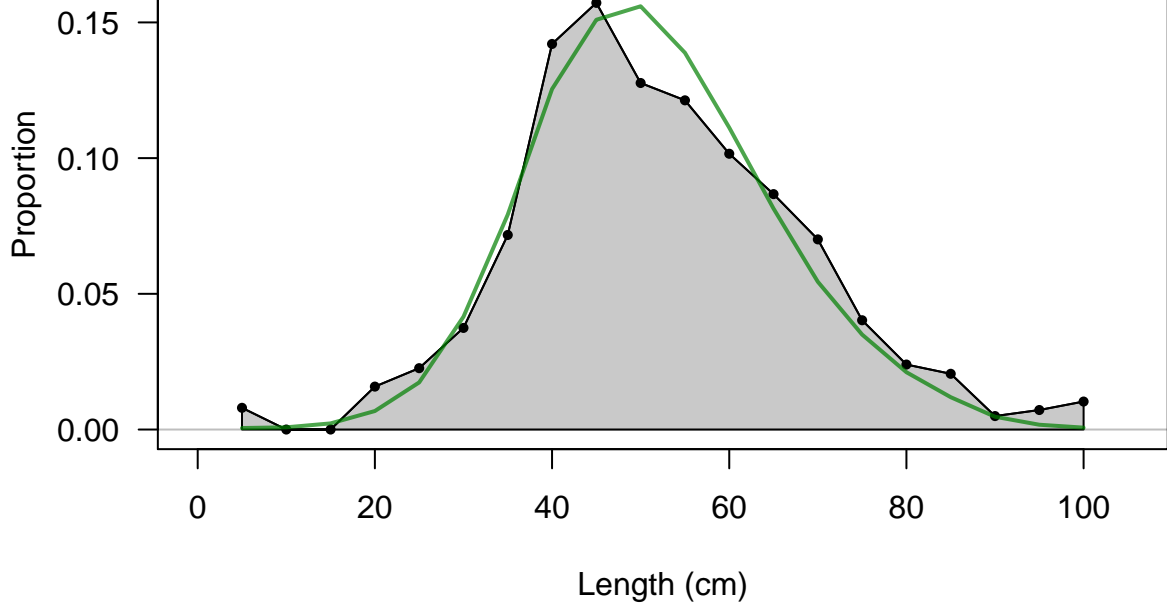


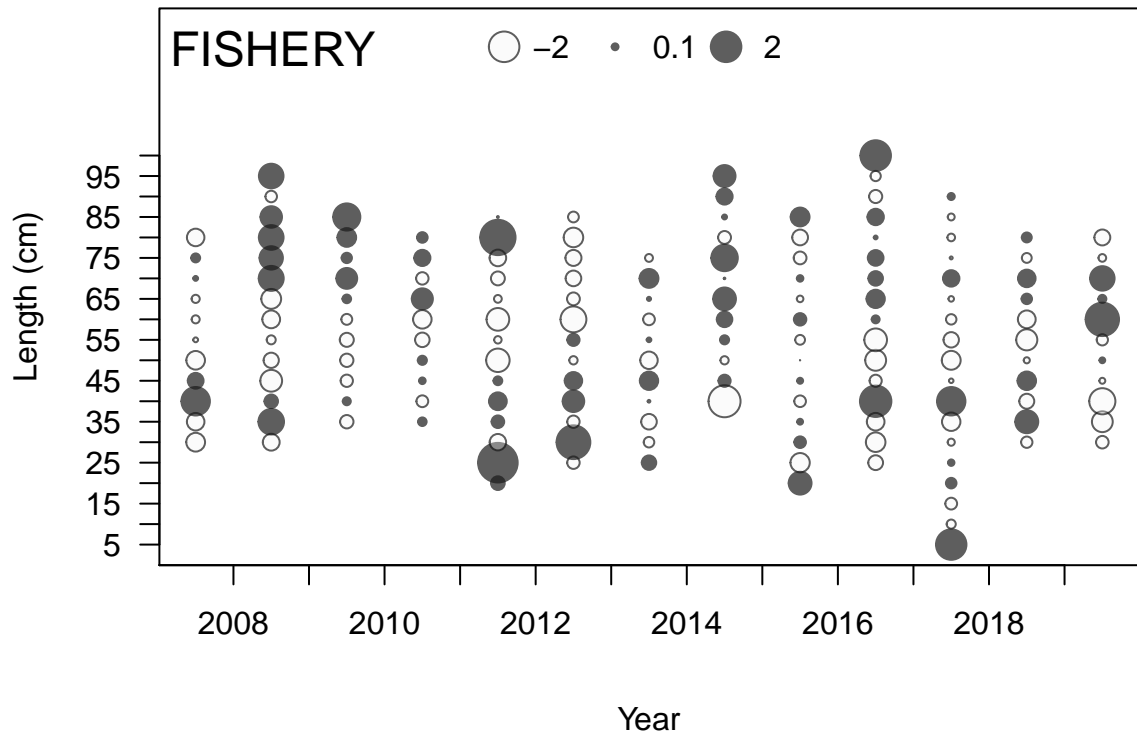
FISHERY (whole catch)



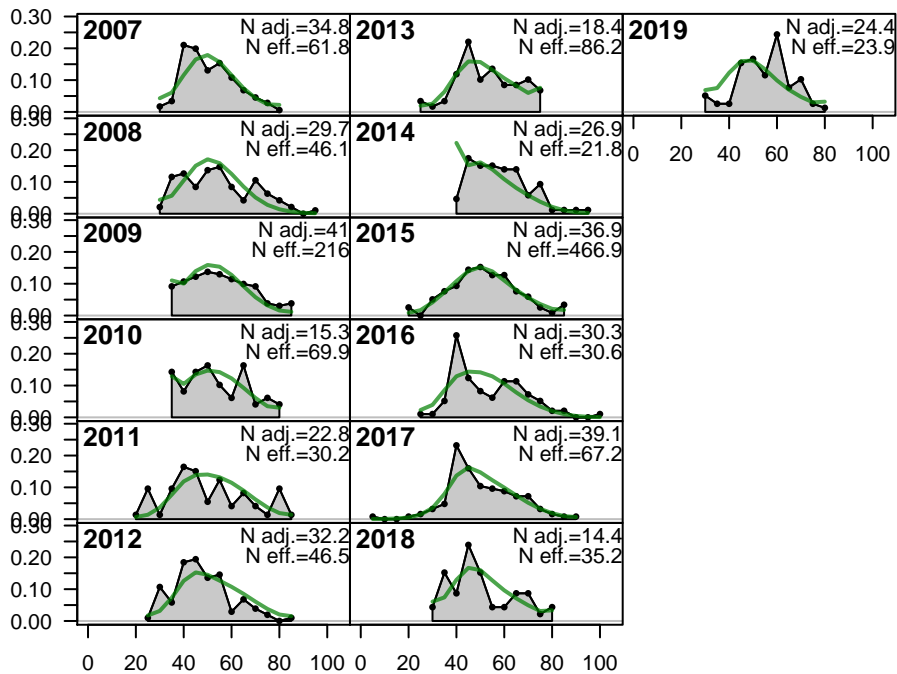
FISHERY

Sum of N adj.=366.2
Sum of N eff.=1202.3

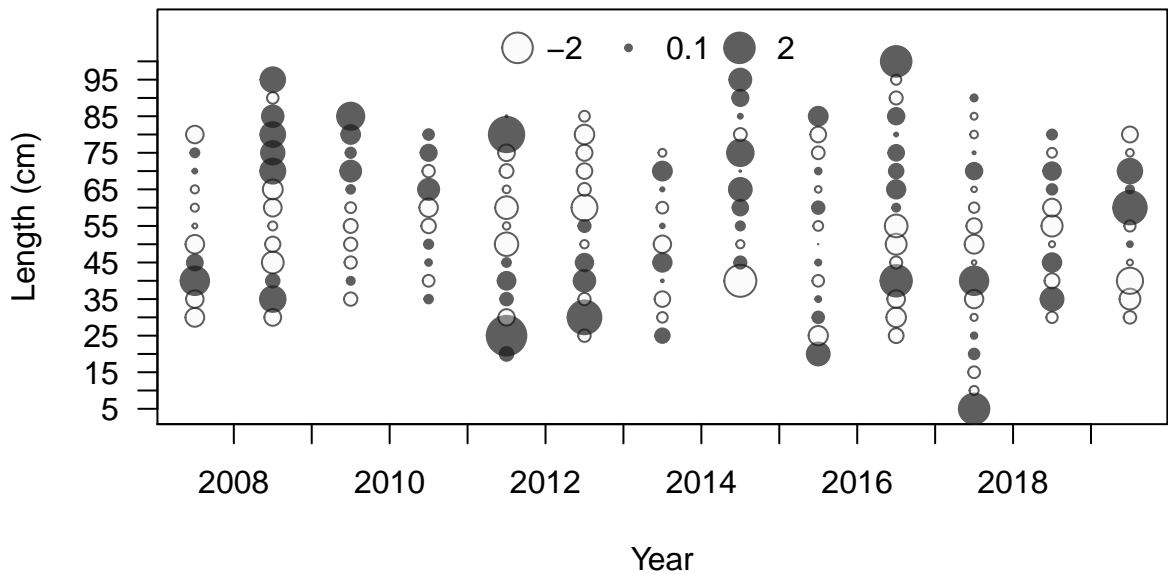




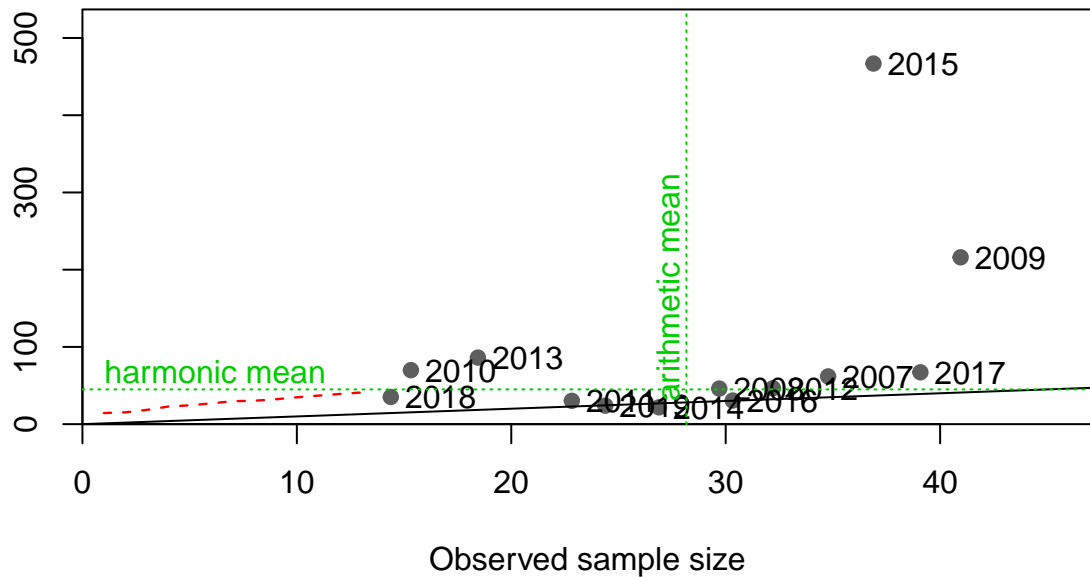
Proportion



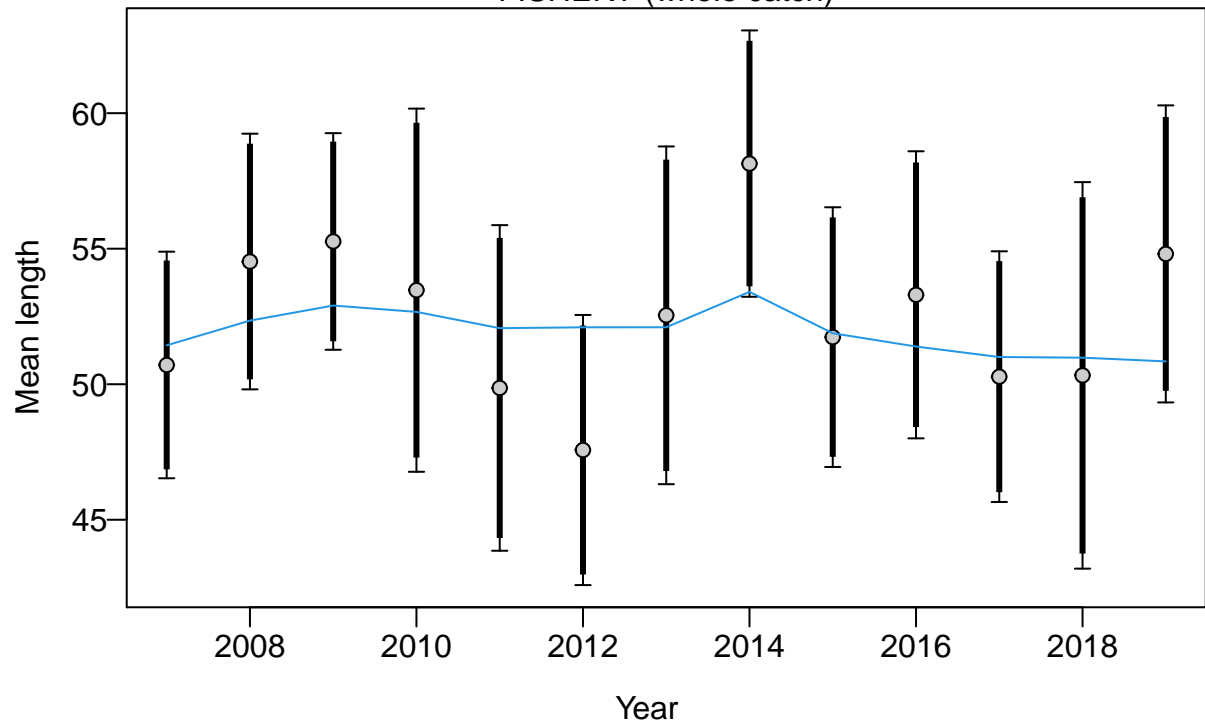
Length (cm)

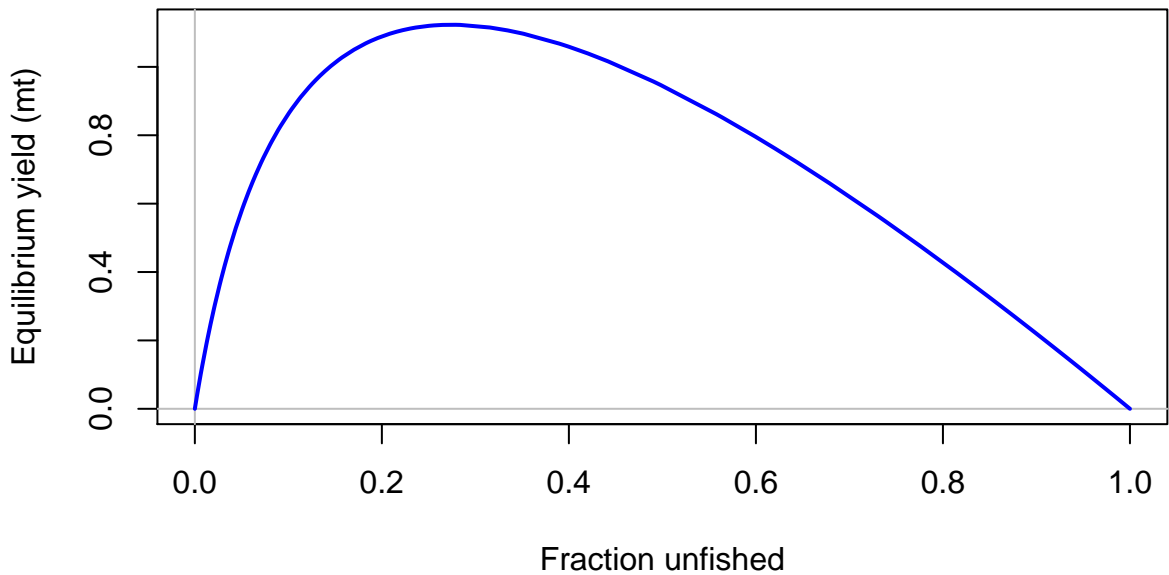


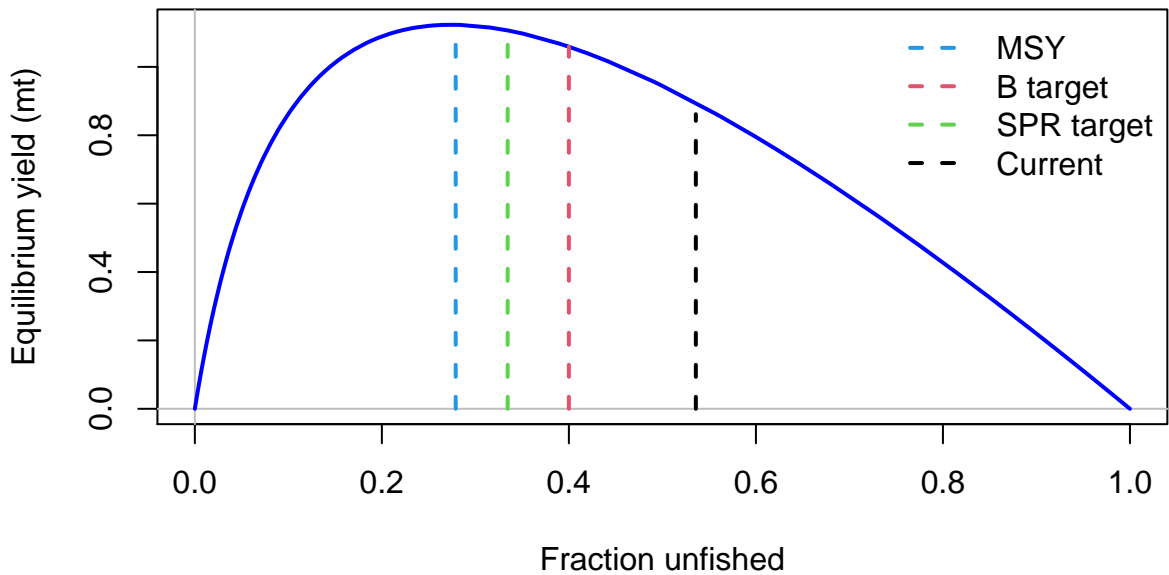
Effective sample size

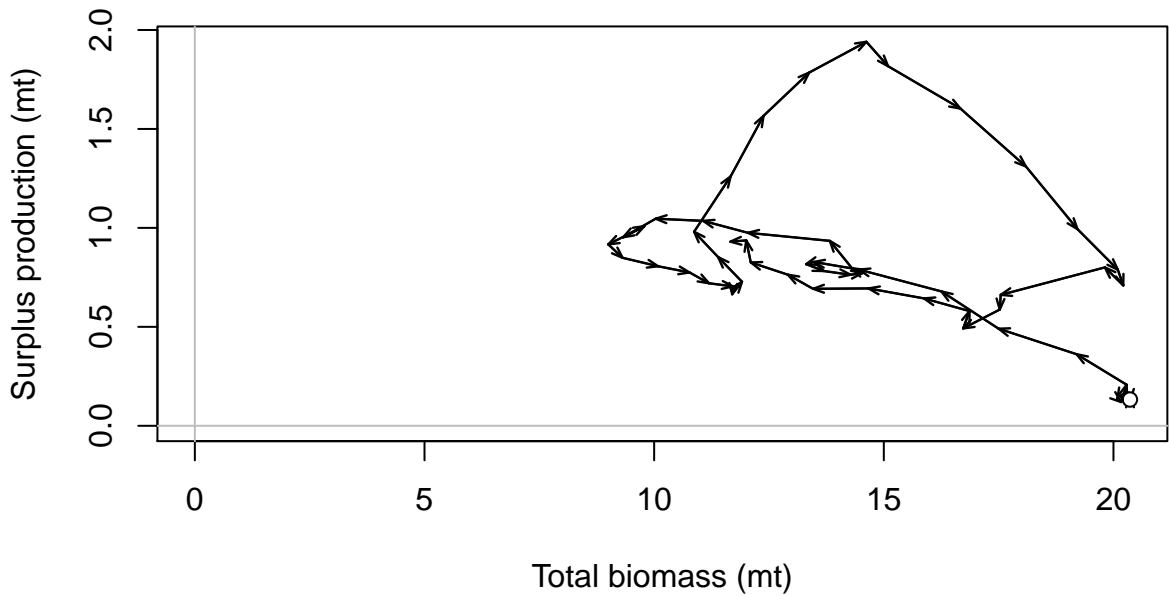


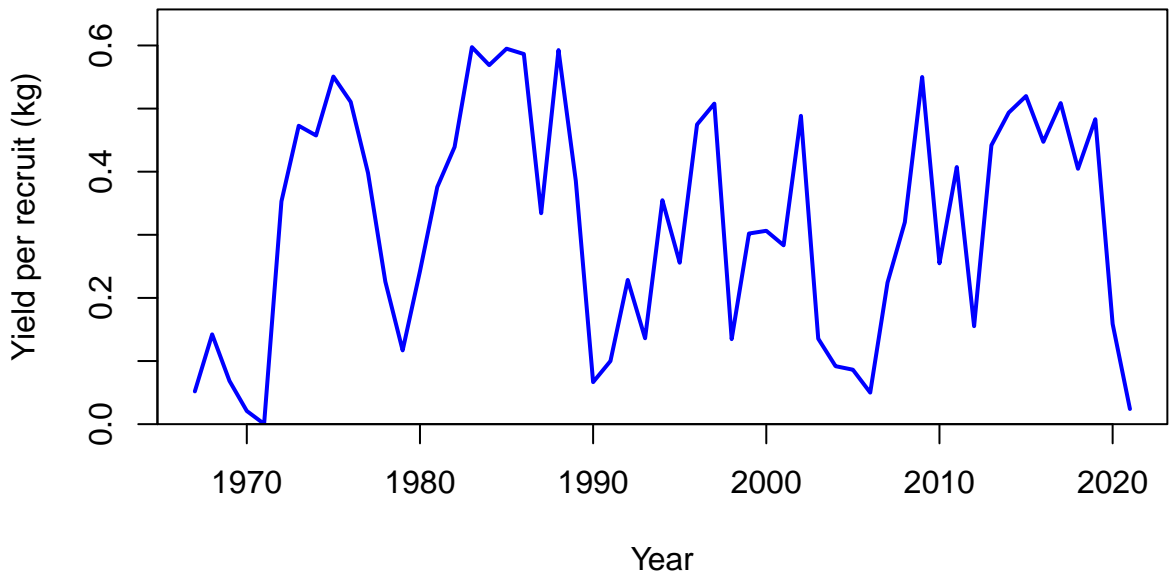
FISHERY (whole catch)

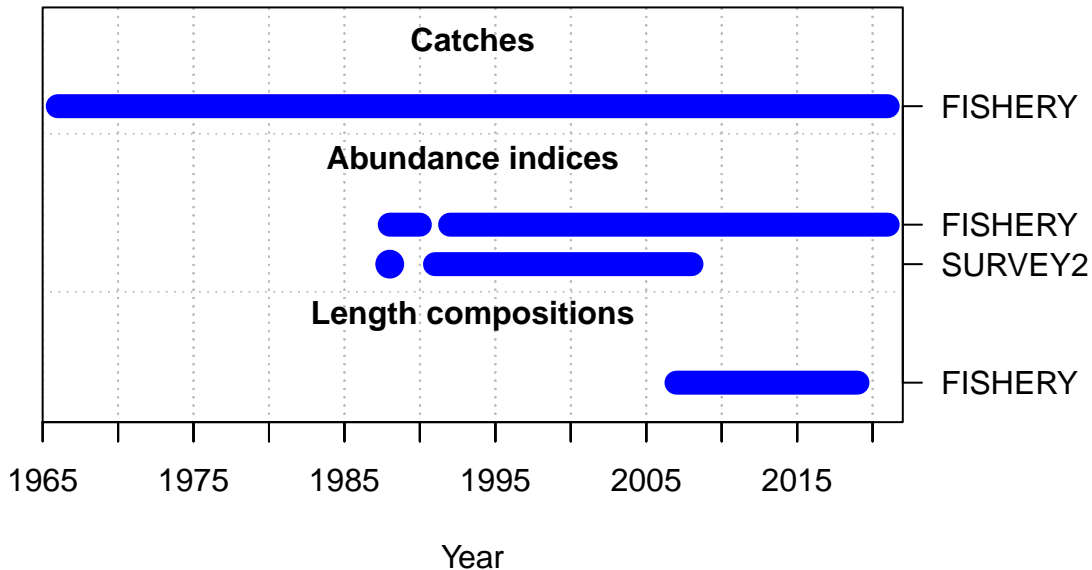


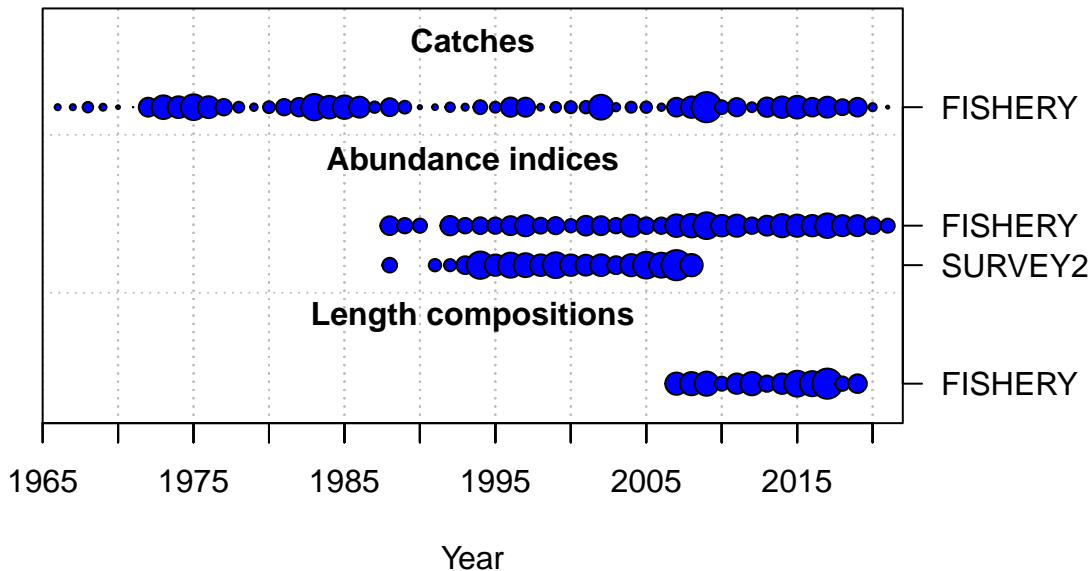




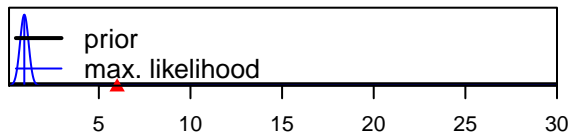




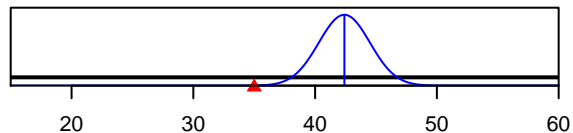




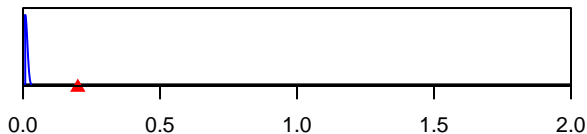
SR_LN(R0)



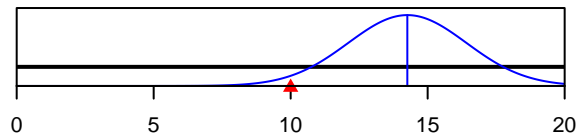
Size_inflection_FISHERY(1)



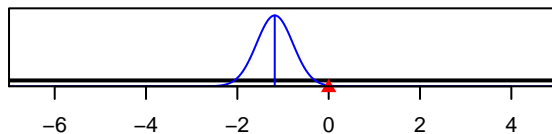
InitF_seas_1flt_1FISHERY



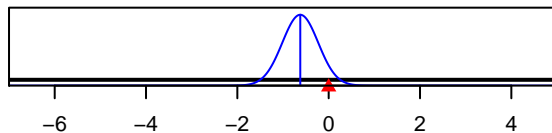
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)



Parameter value