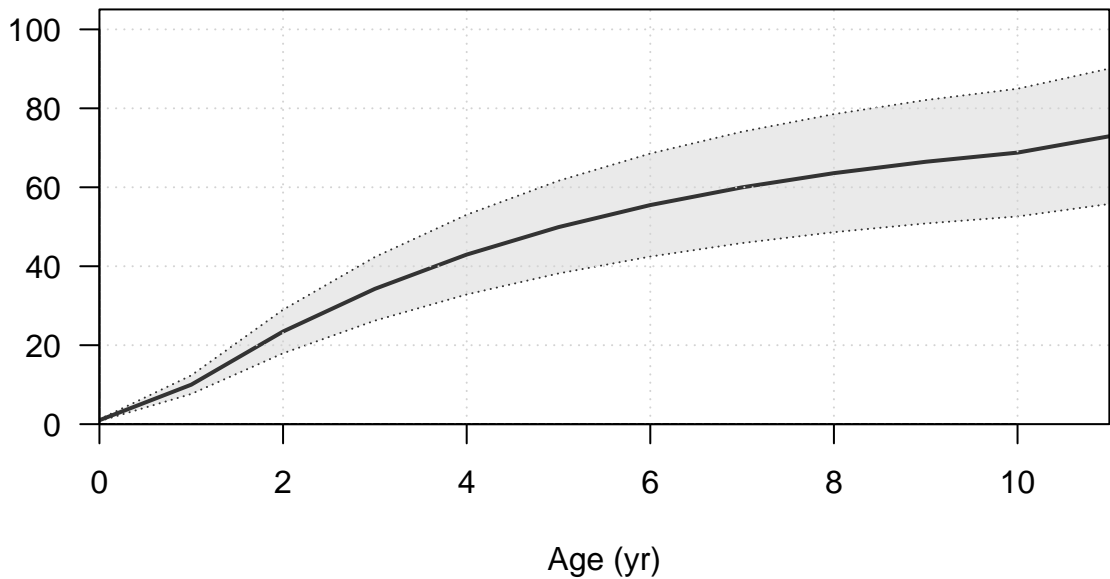
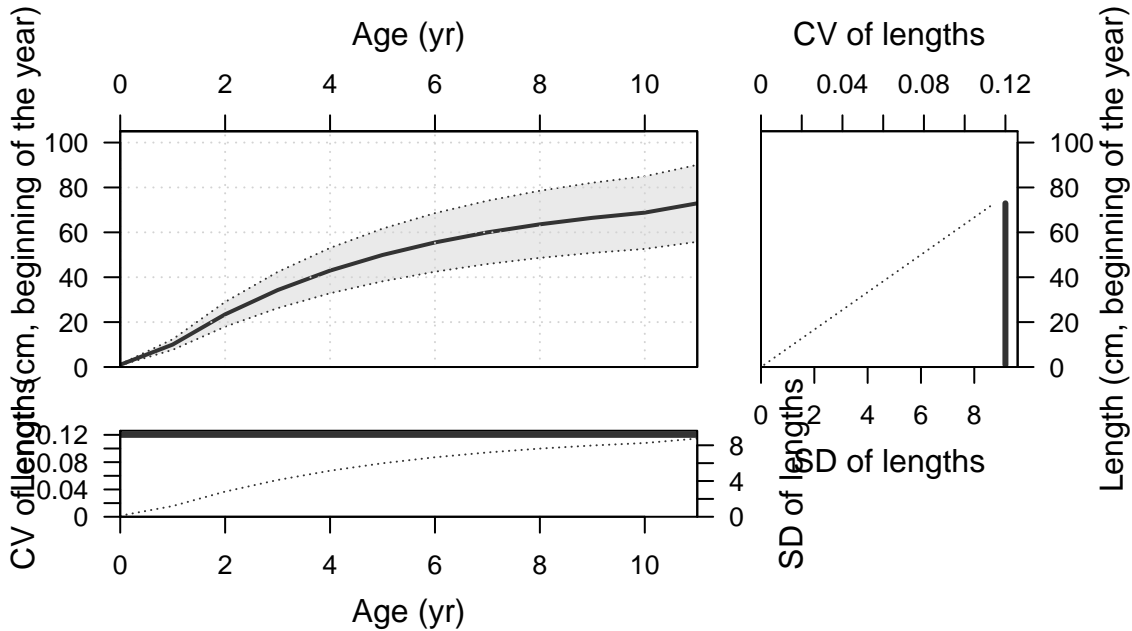
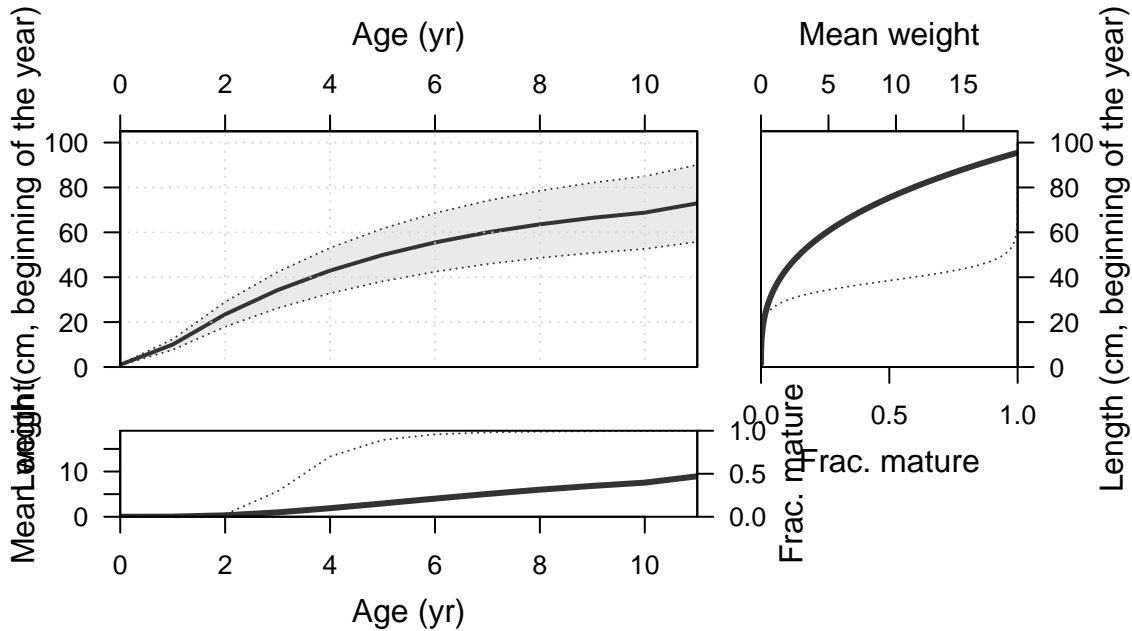


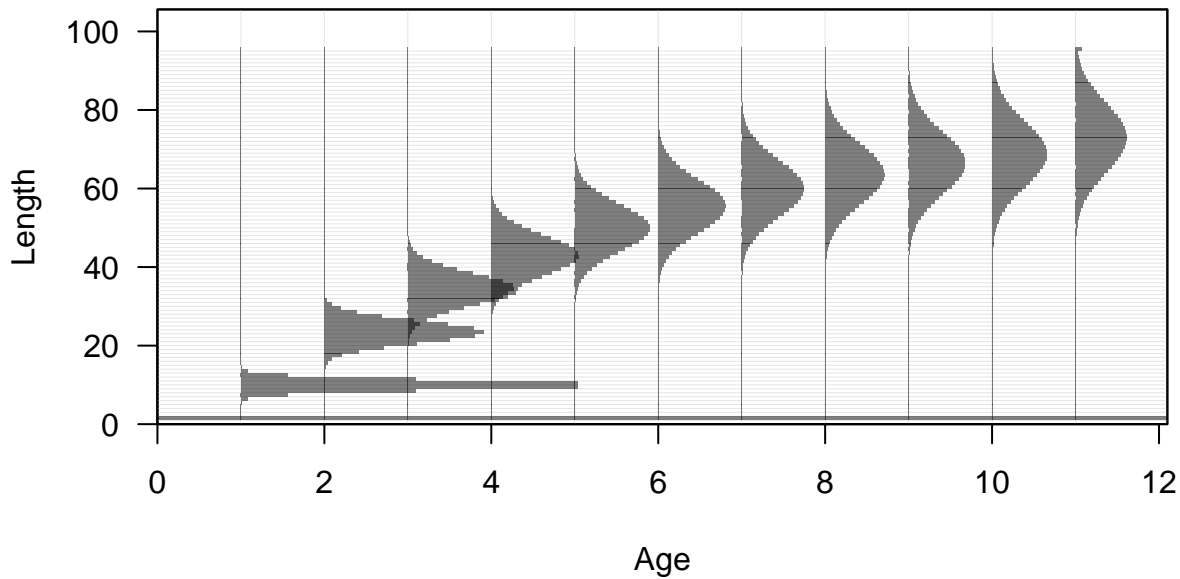
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Thu Jun 23 16:22:39 2022
Data_File: data.ss
Control_File: control.ss

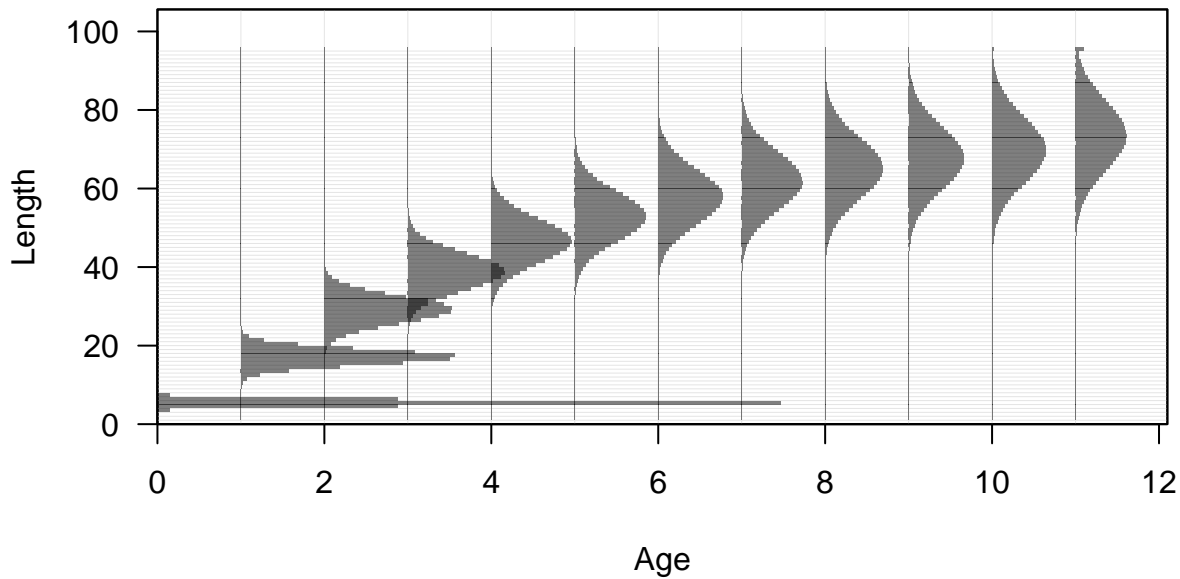
Length (cm, beginning of the year)





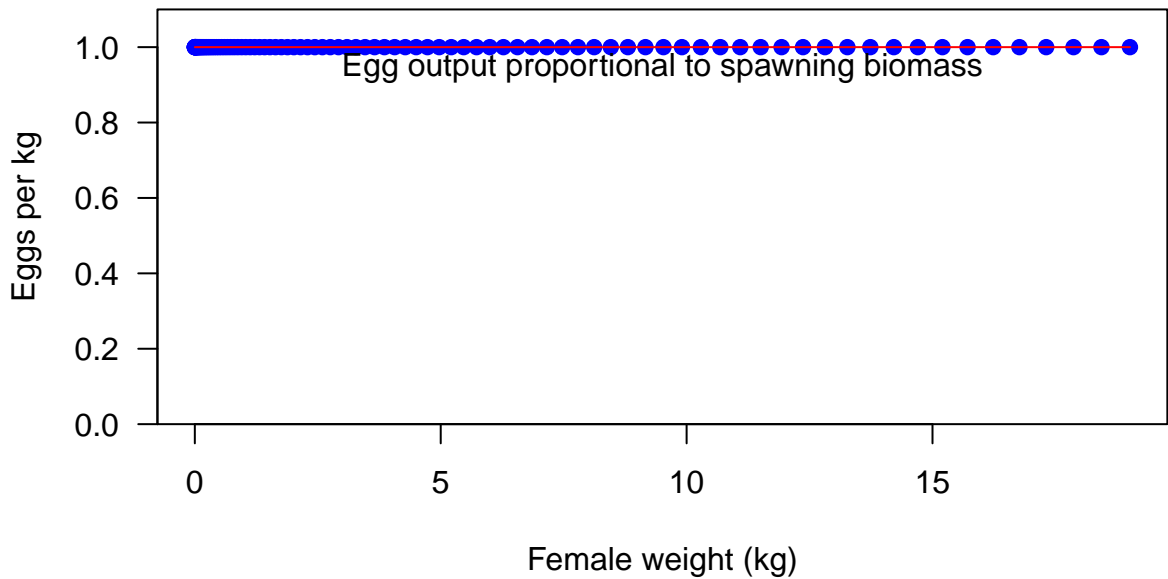












Fecundity

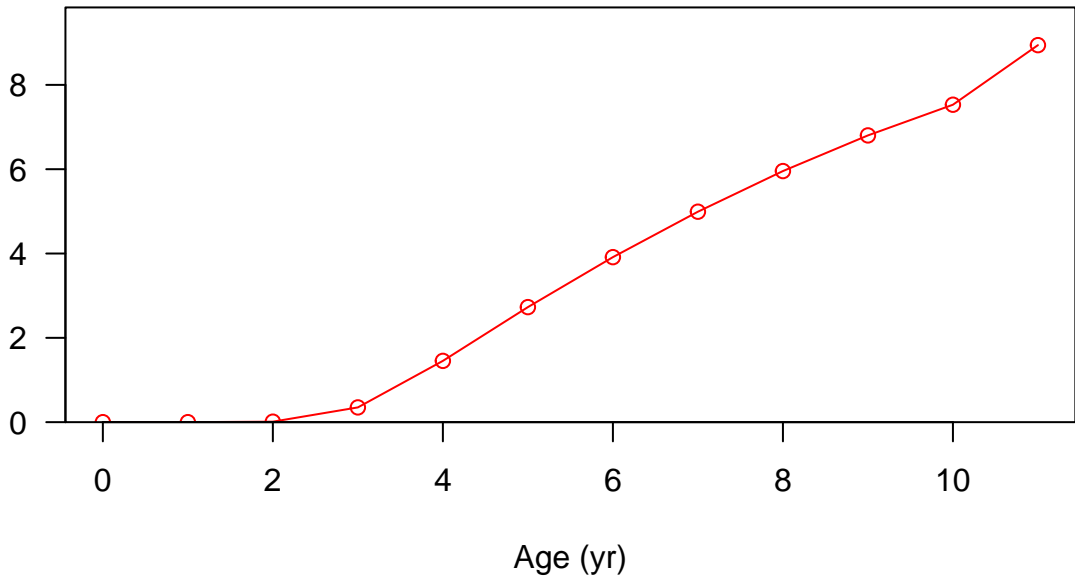




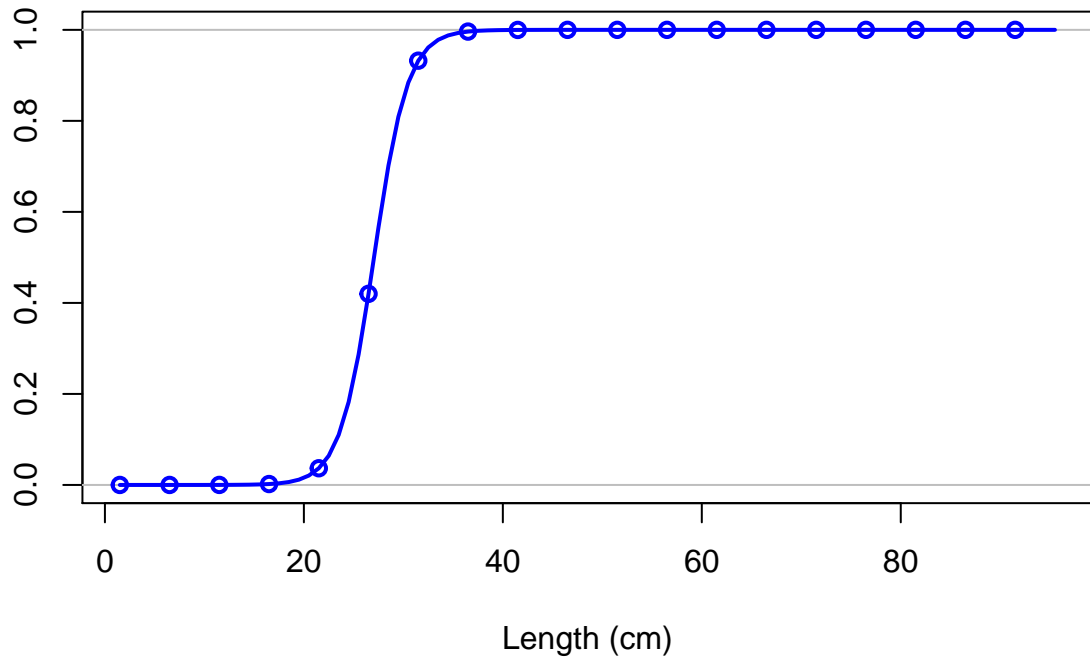
Spawning output



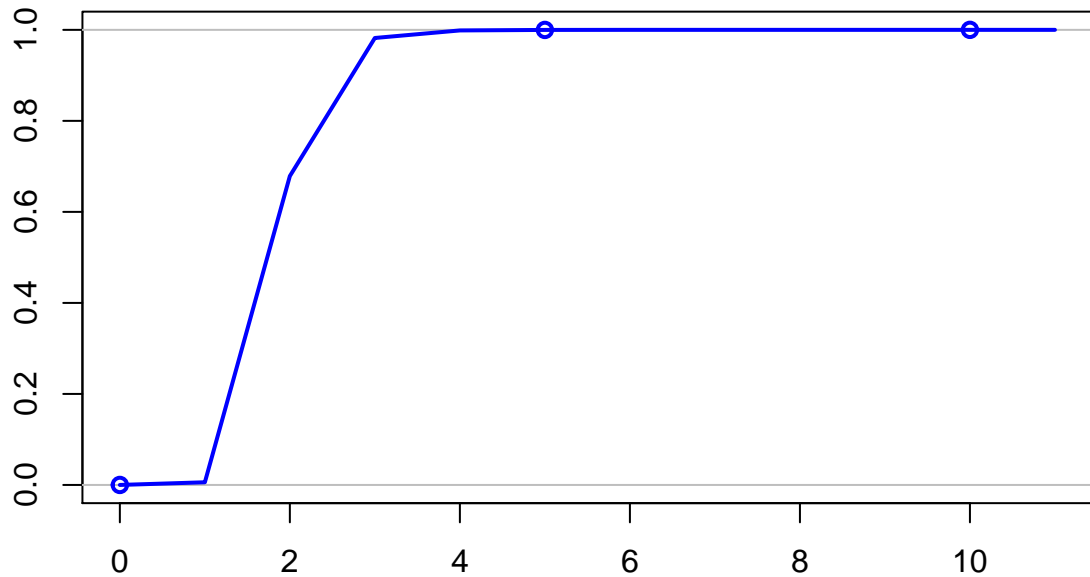
Spawning output



Selectivity

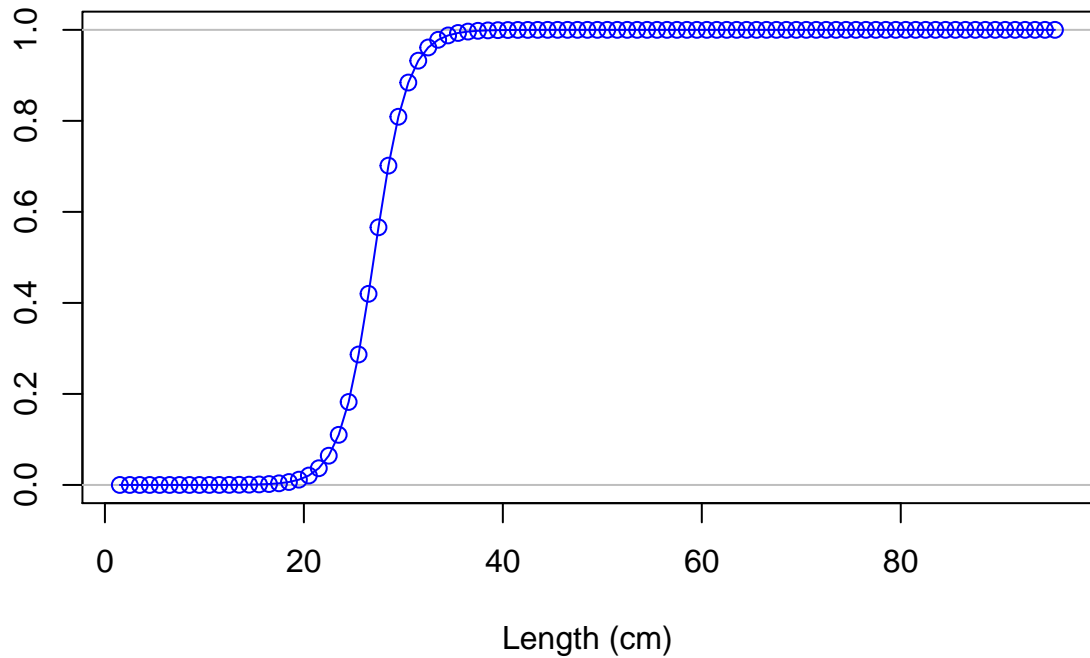


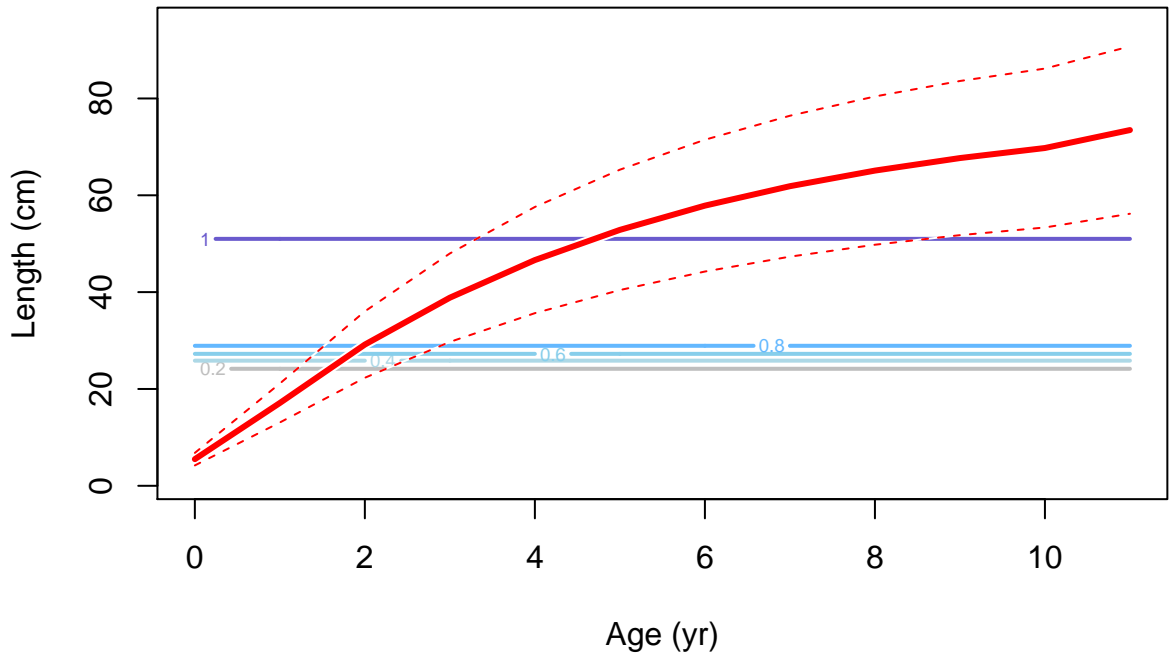
Selectivity



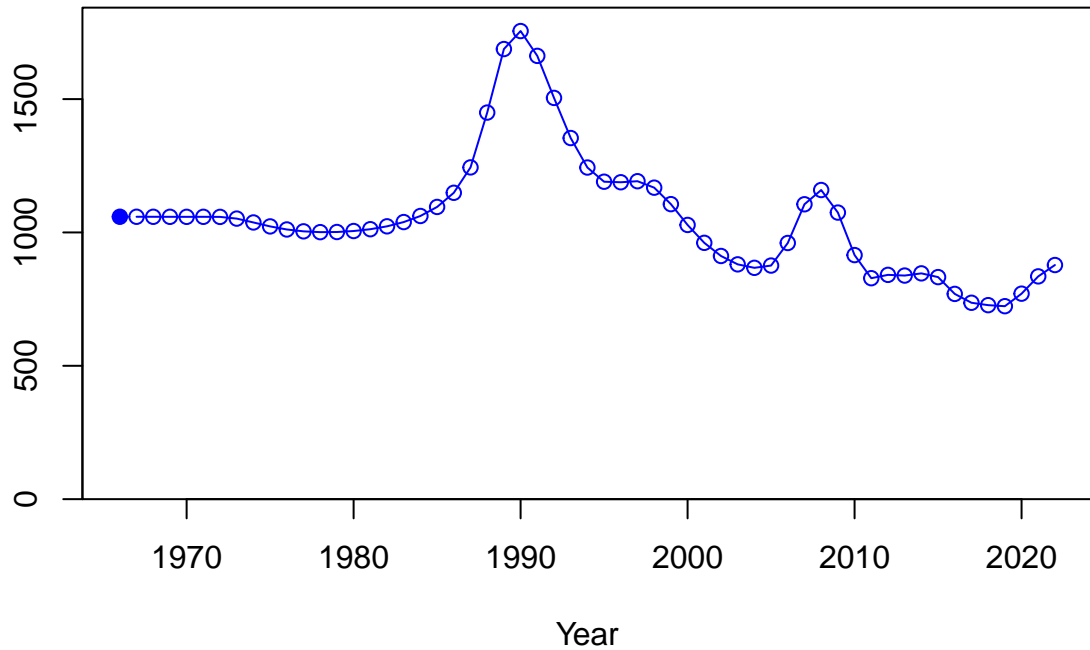
Age (yr)

Selectivity

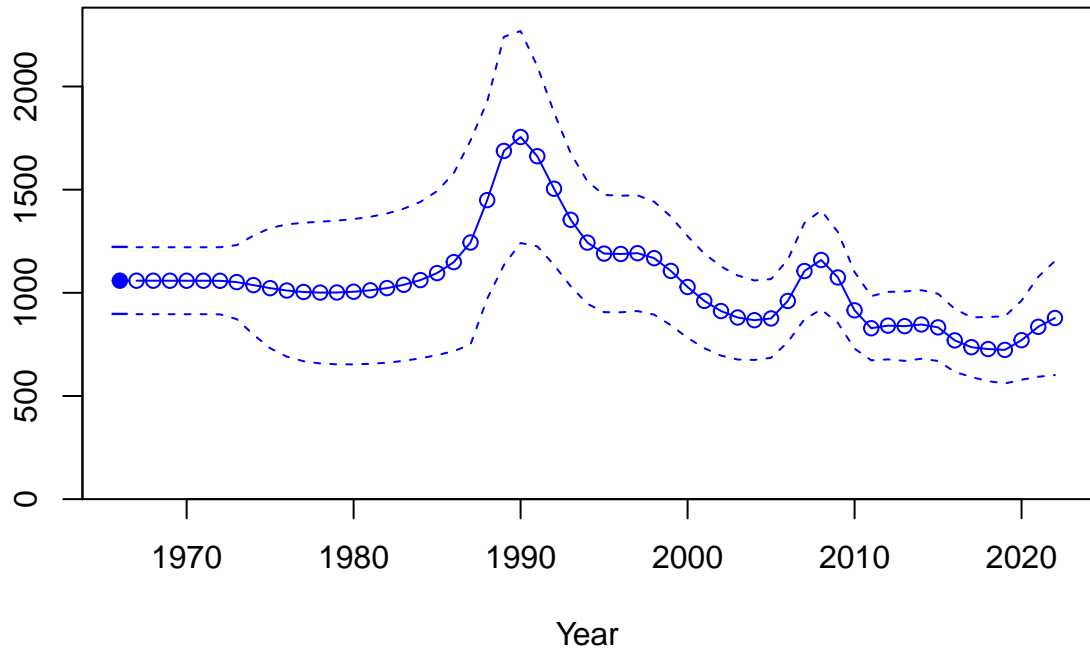




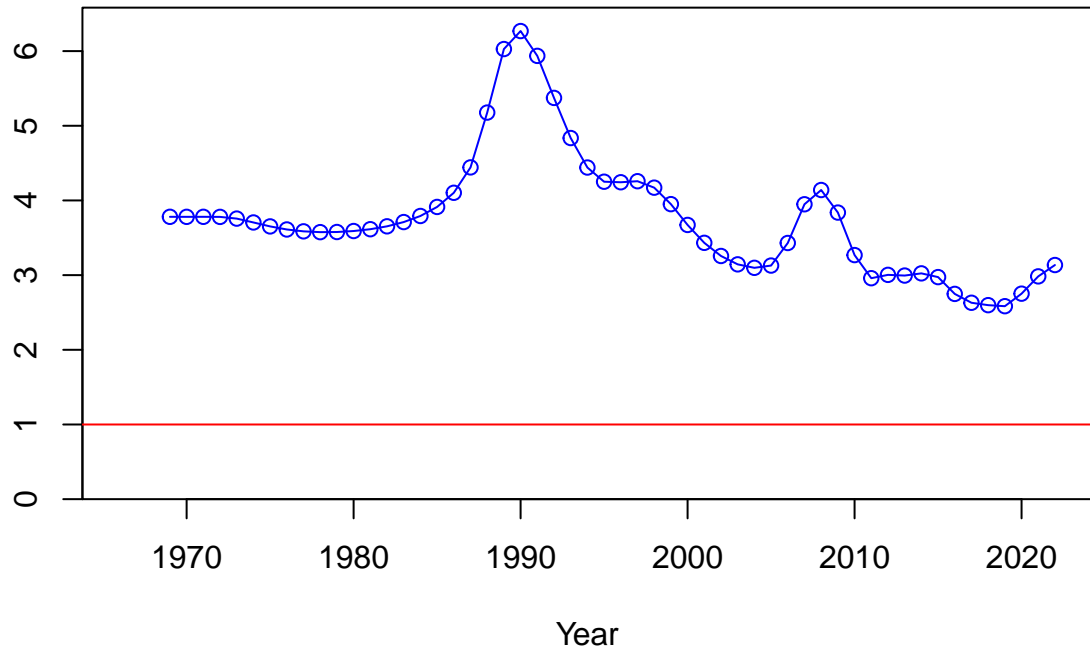
Spawning biomass (mt)



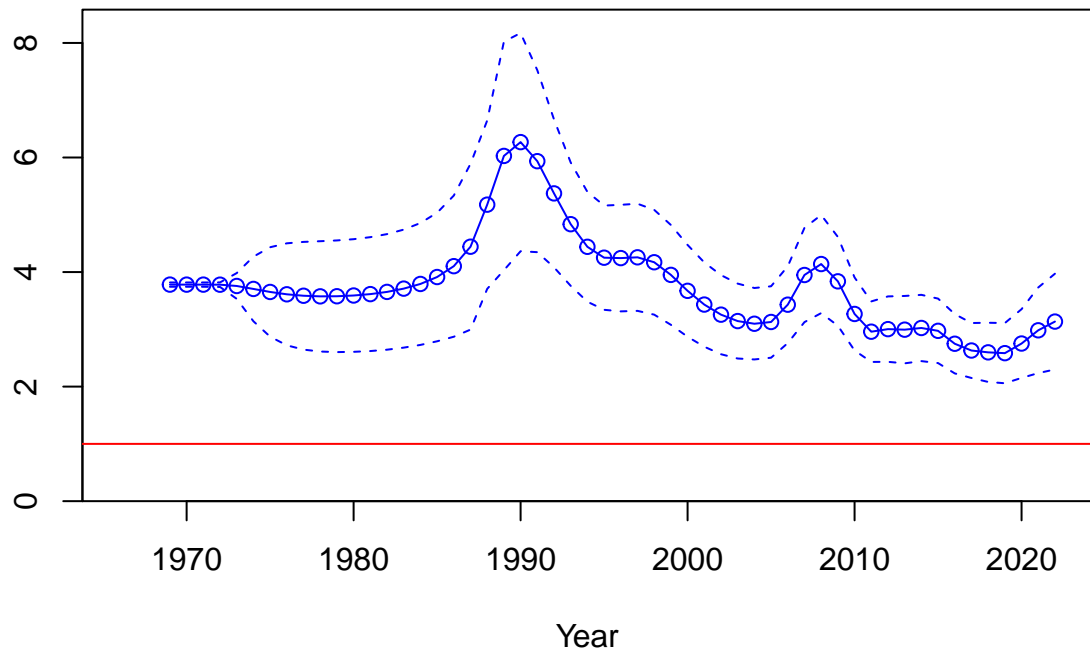
Spawning biomass (mt)

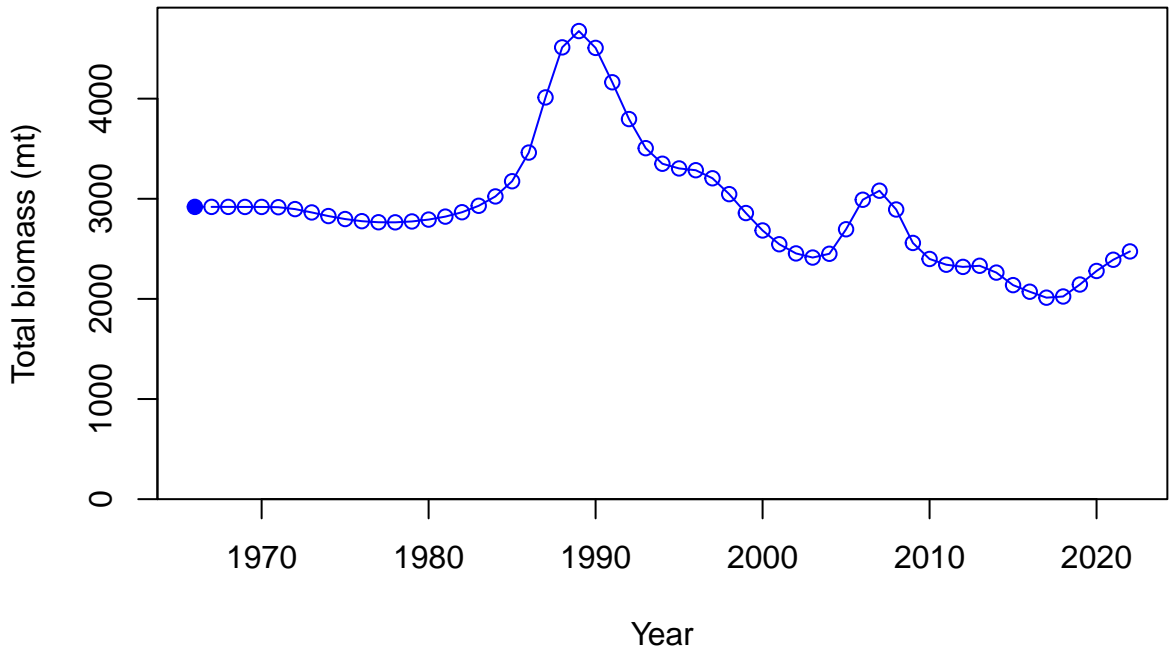


Relative spawning biomass: B/B_{MSY}

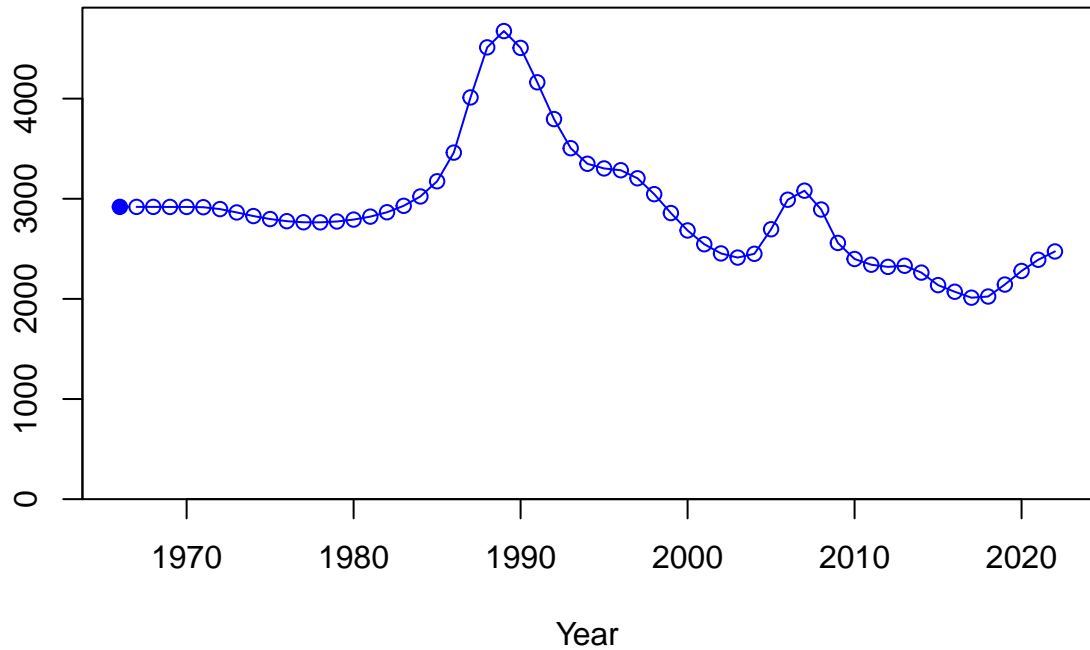


Relative spawning biomass: B/B_{MSY}

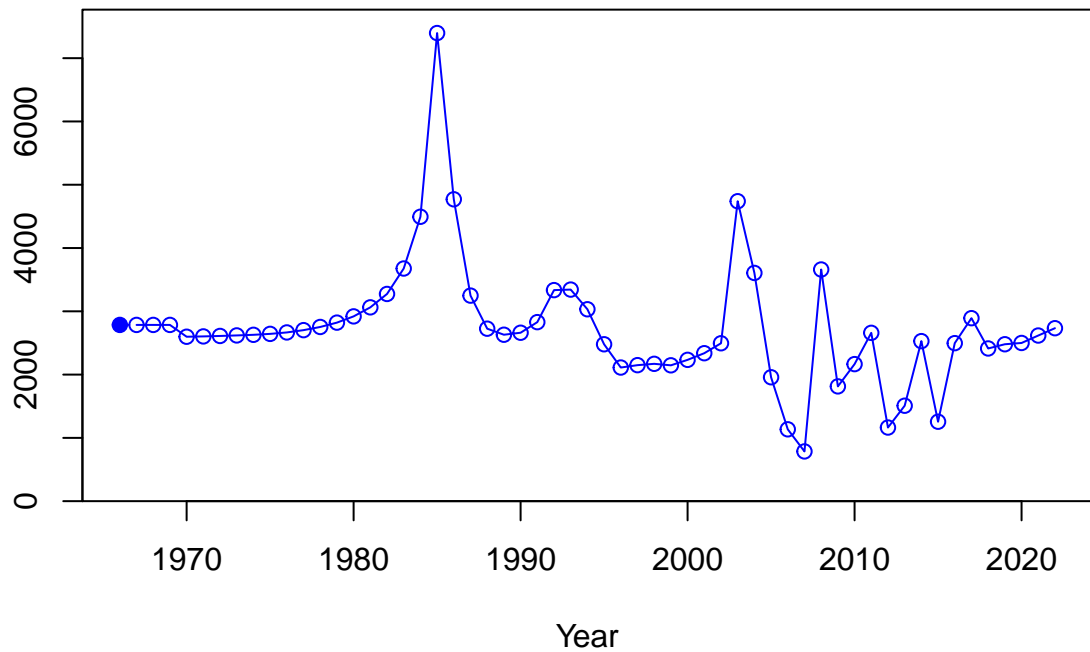




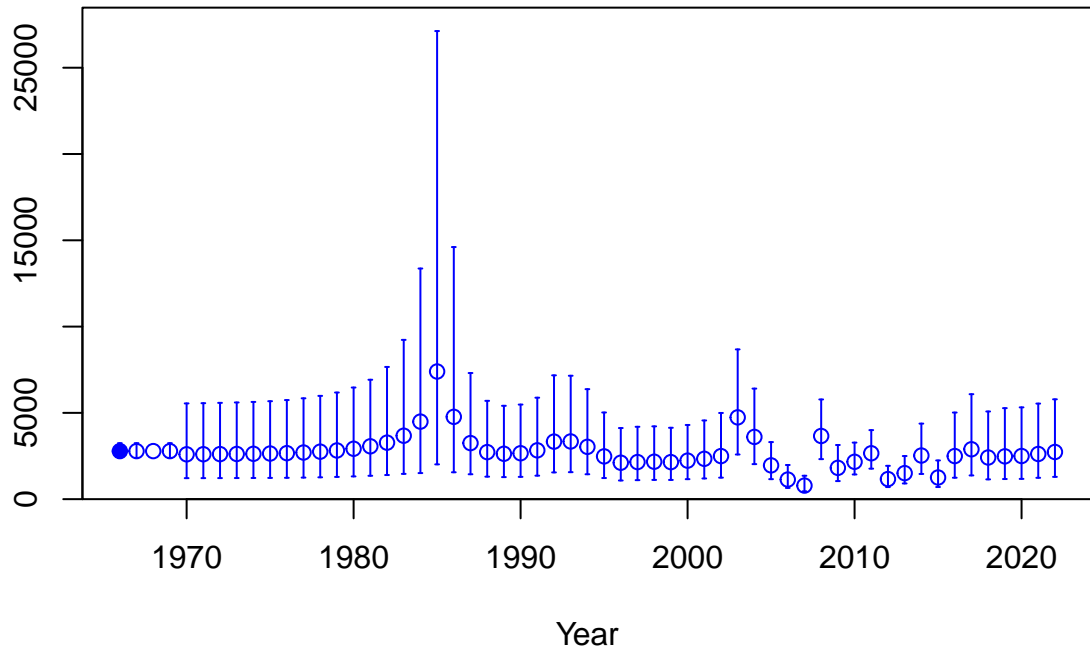
Summary biomass (mt)



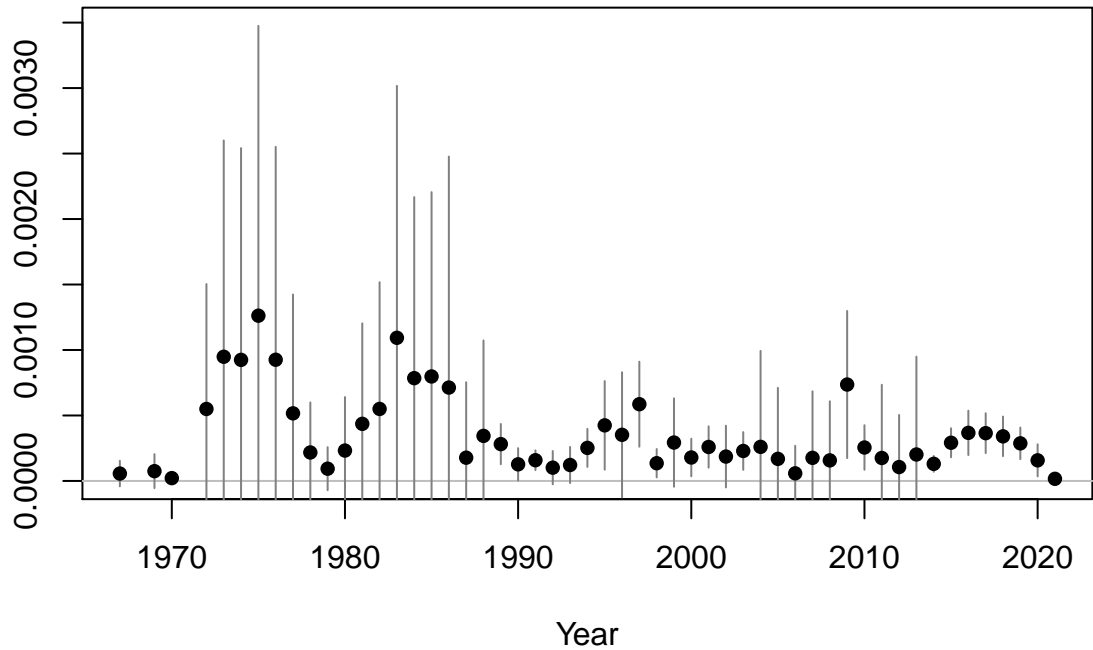
Age-0 recruits (1,000s)

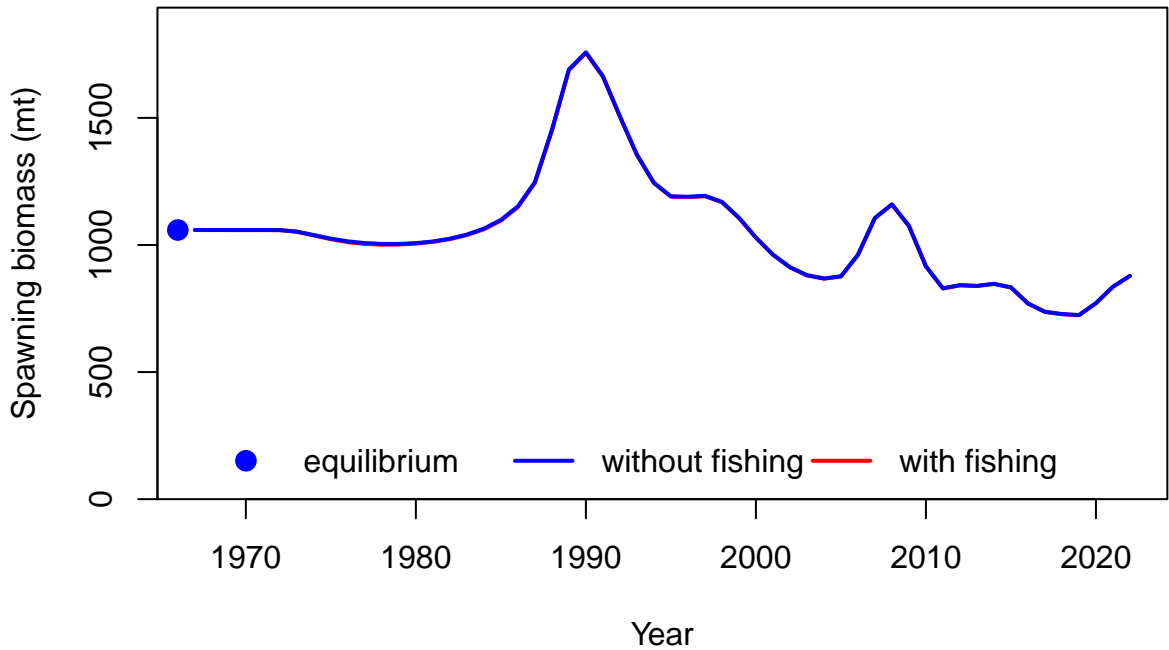


Age-0 recruits (1,000s)

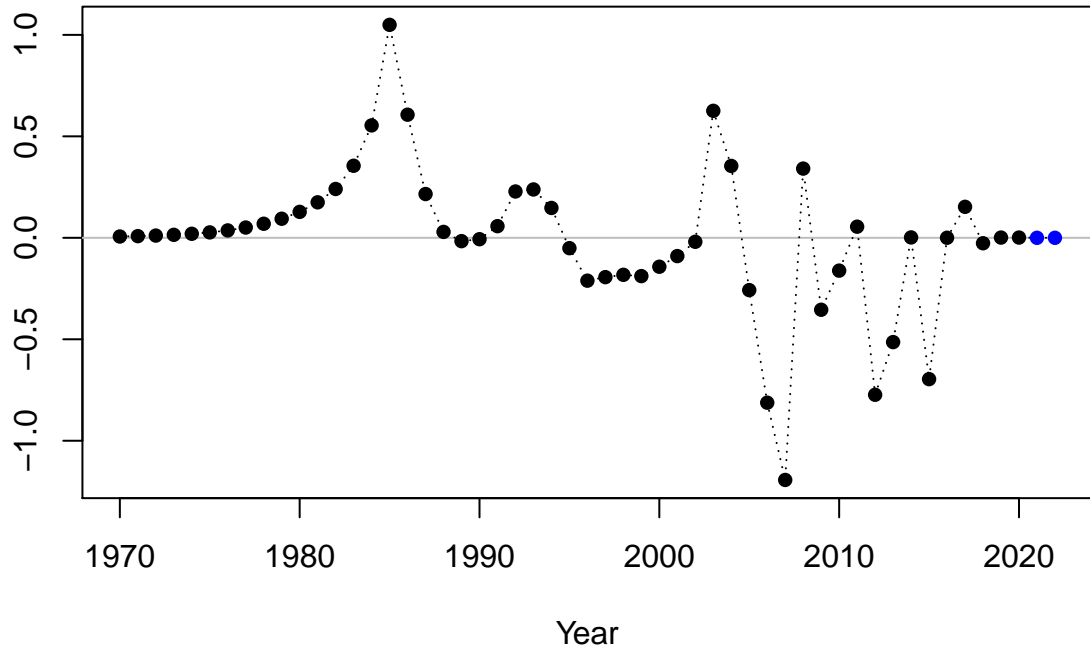


Summary Fishing Mortality



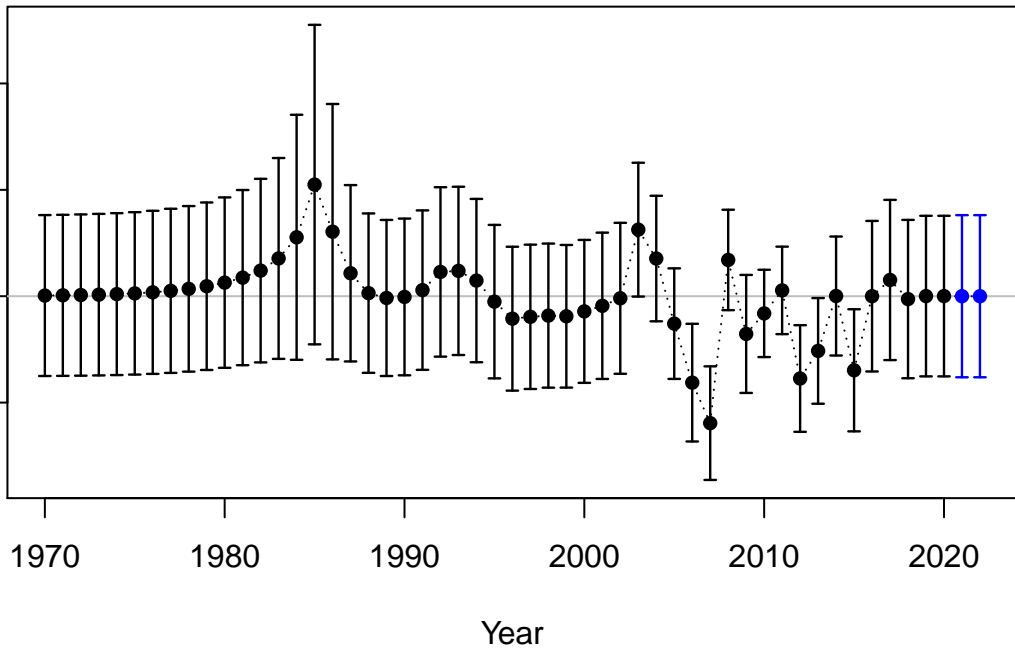


Log recruitment deviation

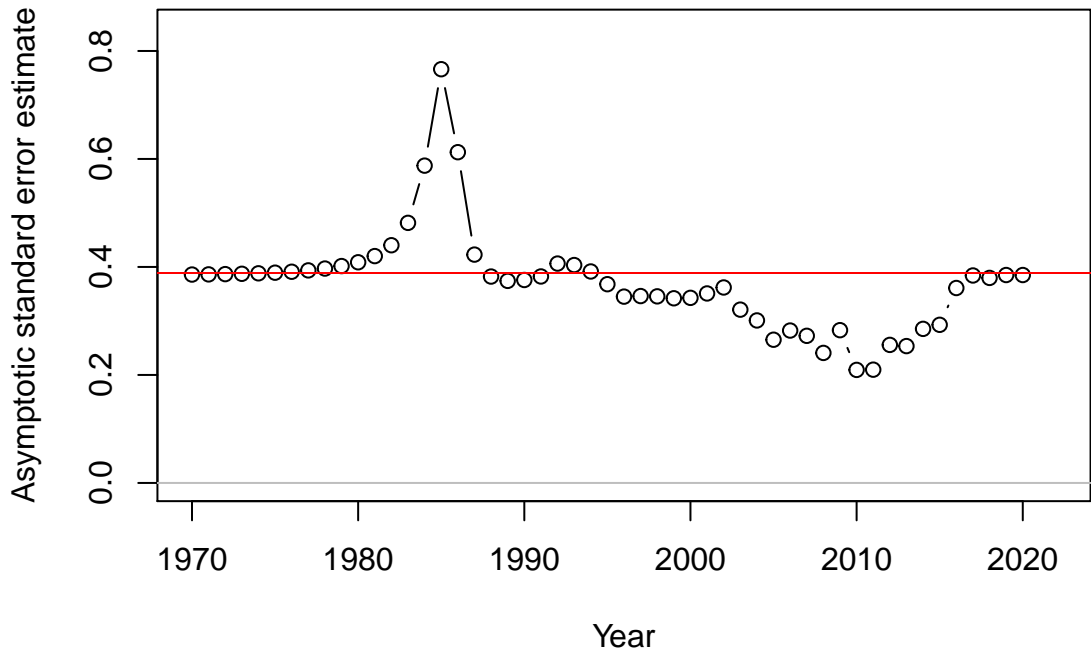


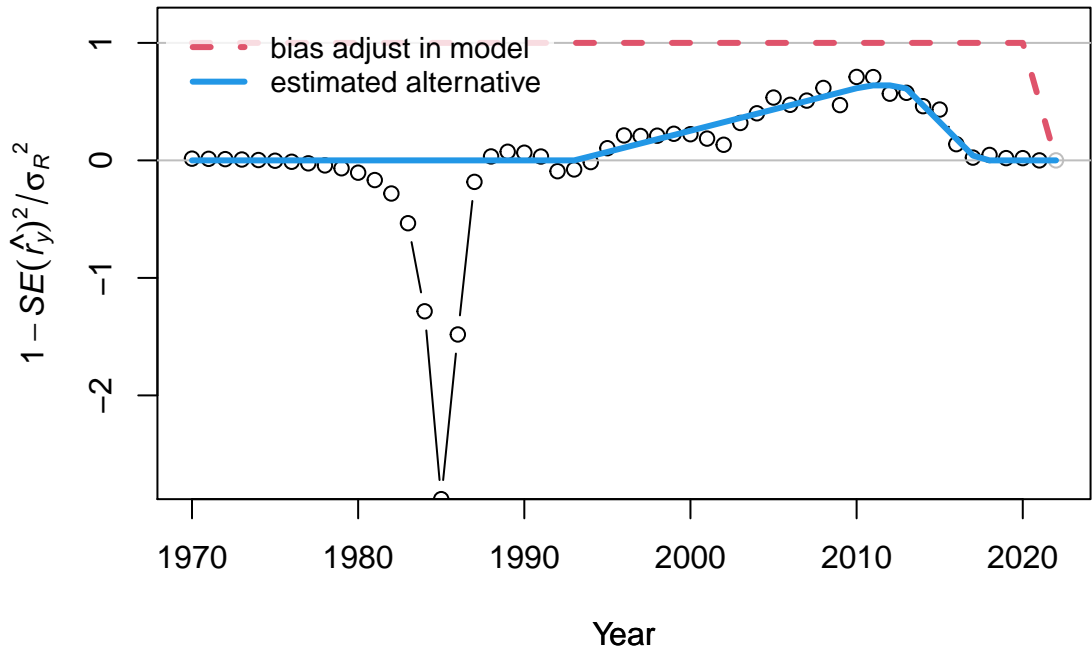
Log recruitment deviation

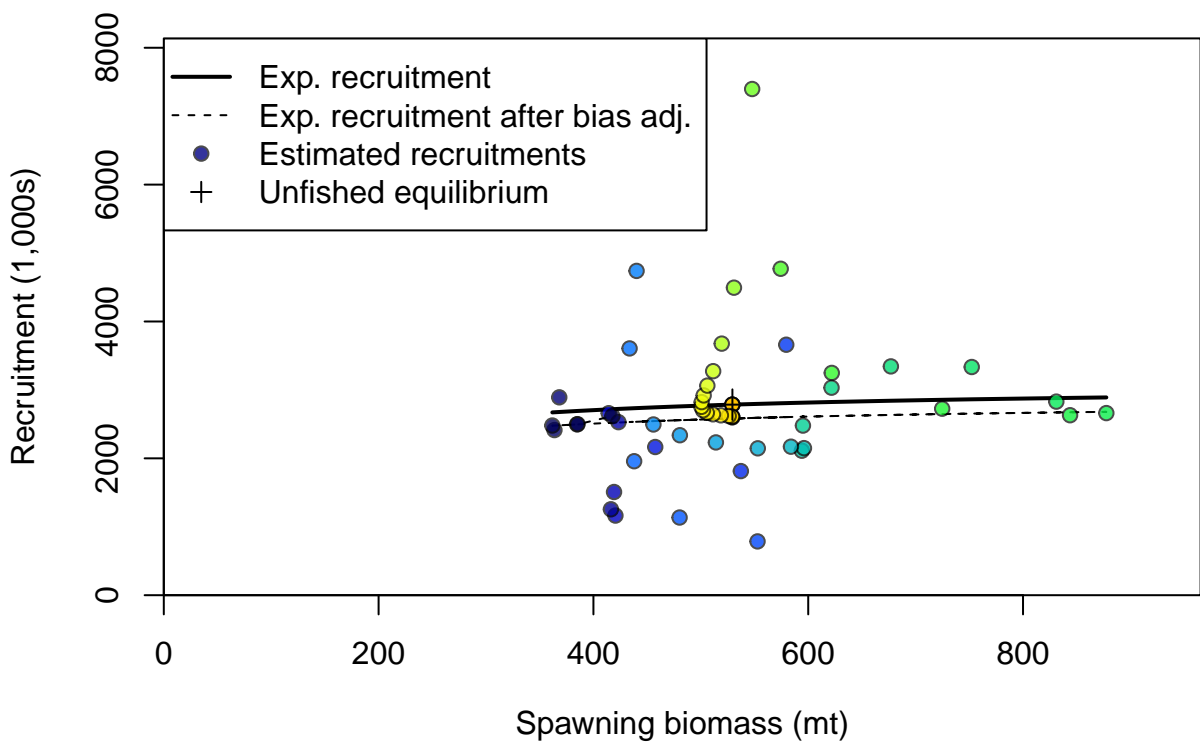
2
1
0
-1

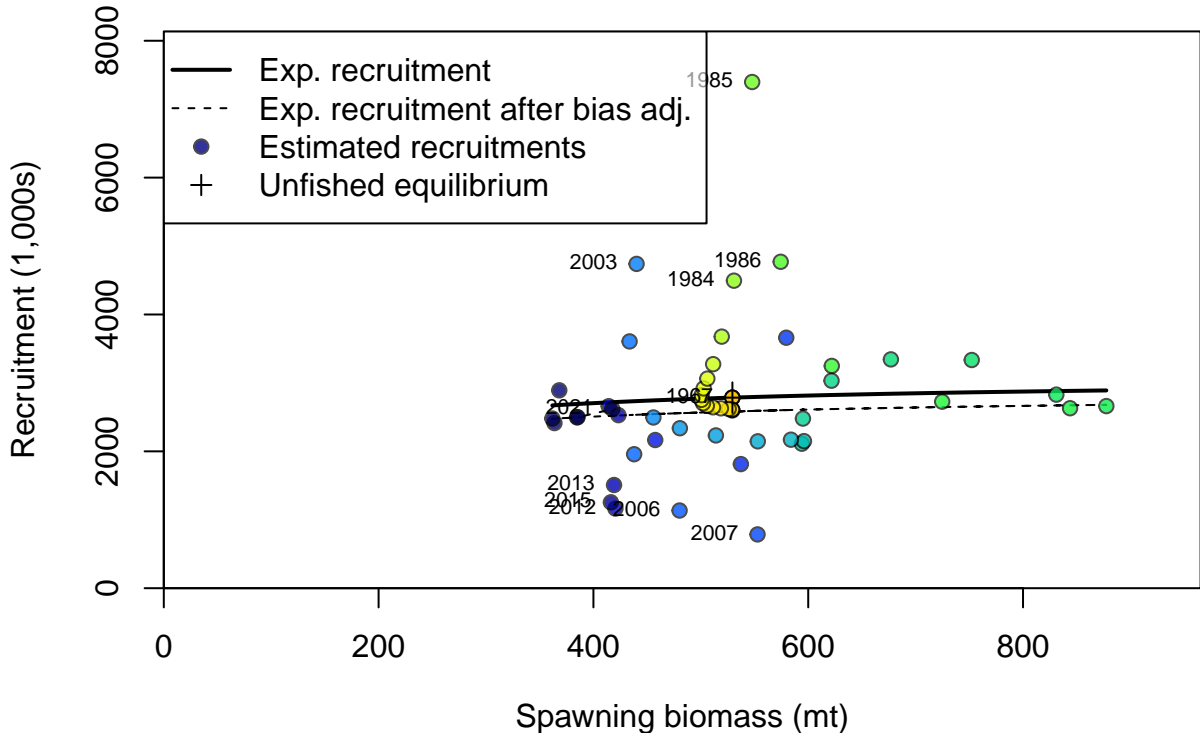


Recruitment deviation variance

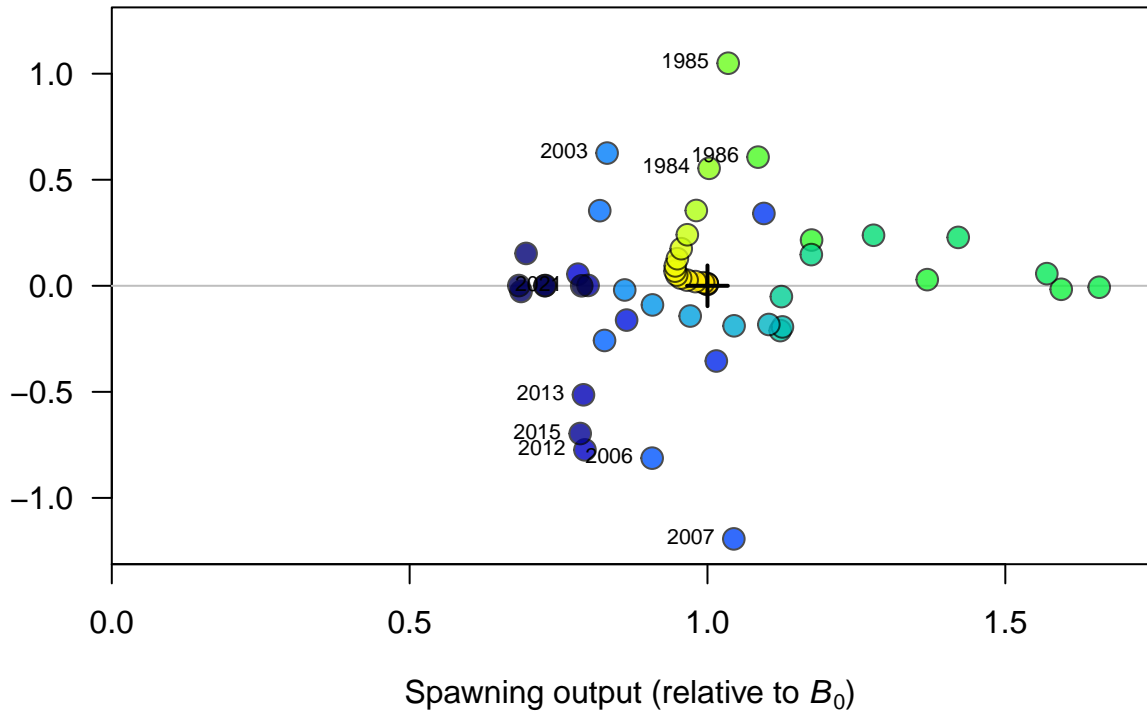


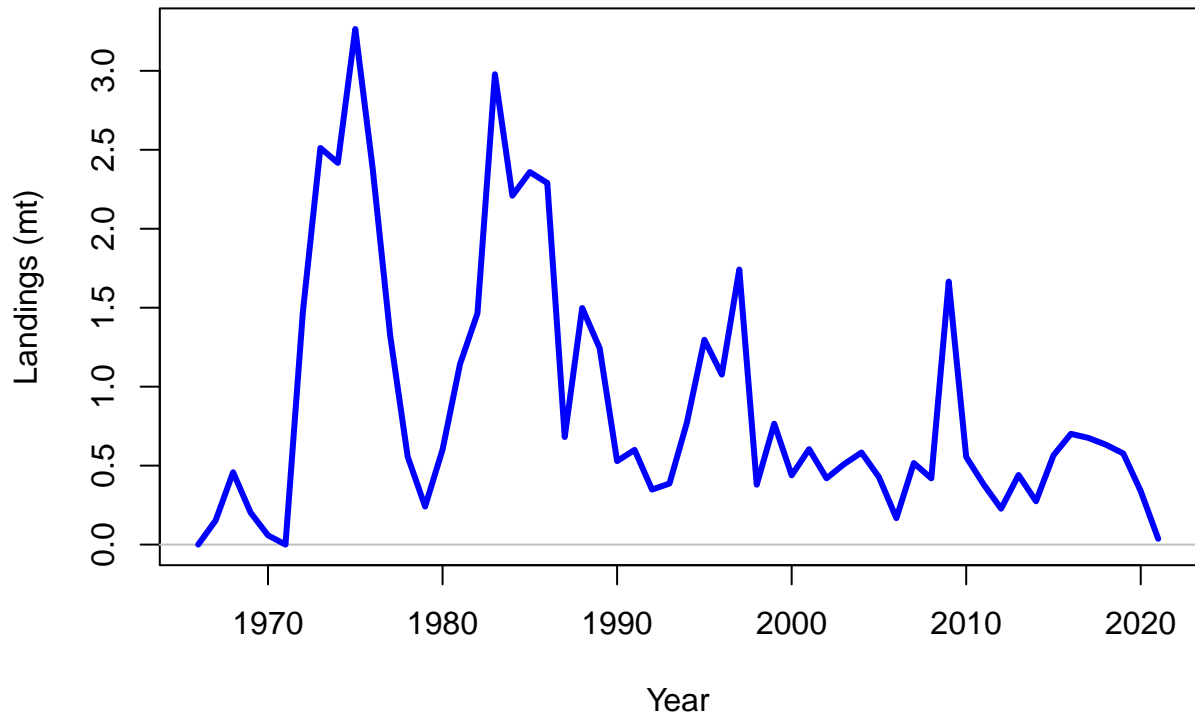


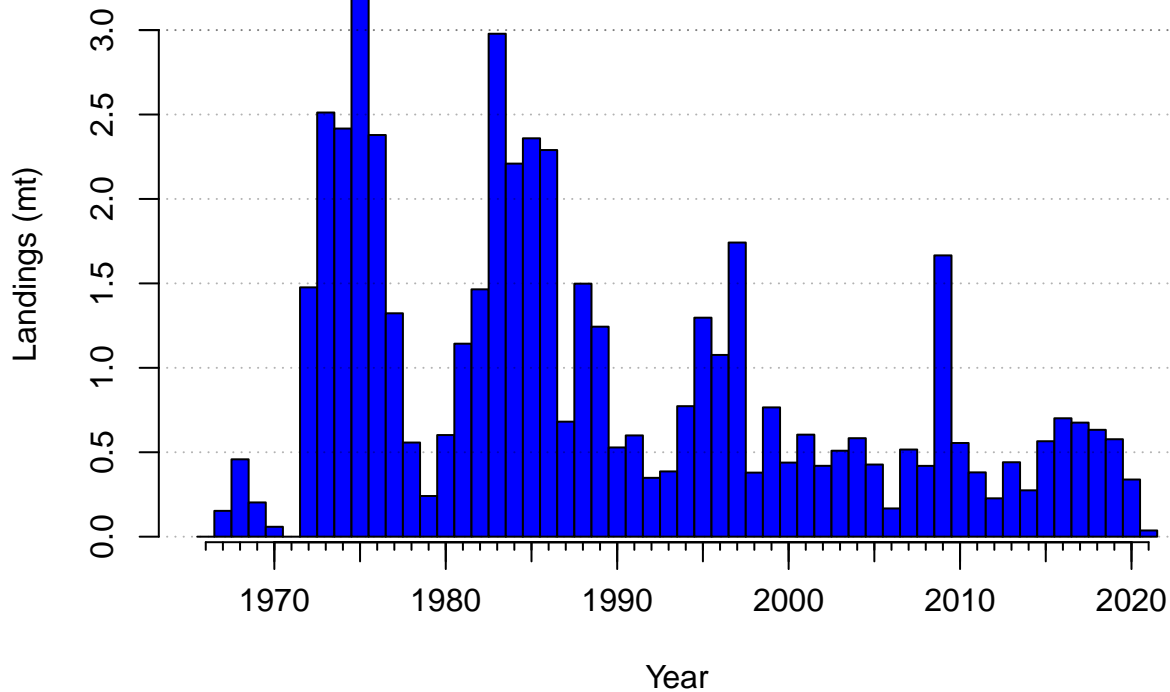




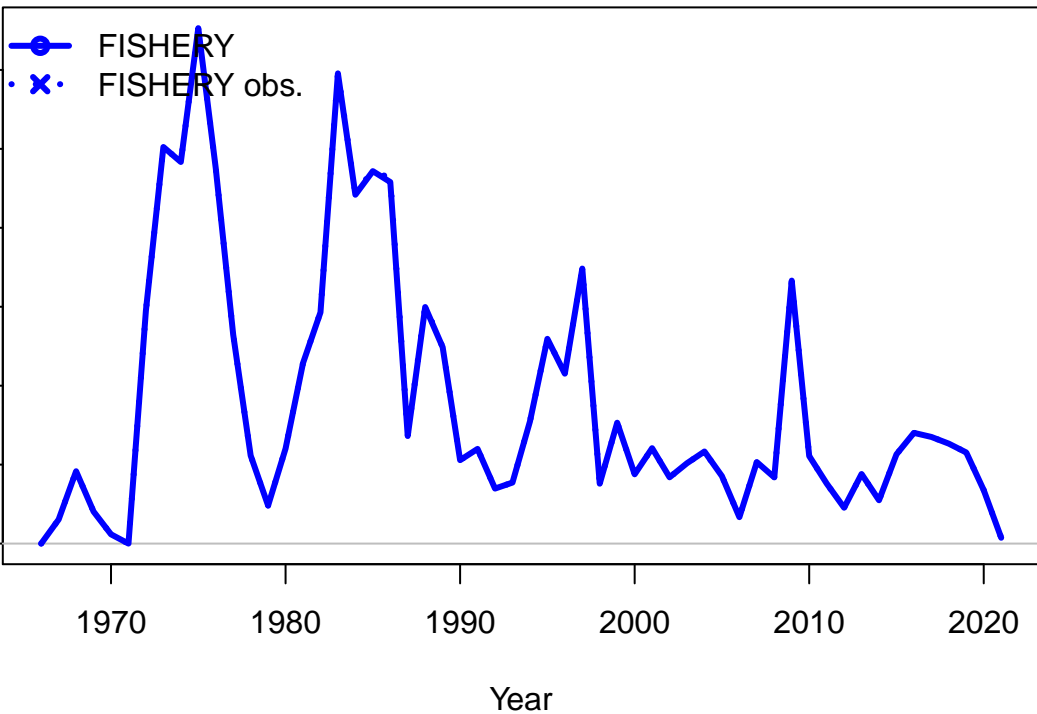
Log recruitment deviation

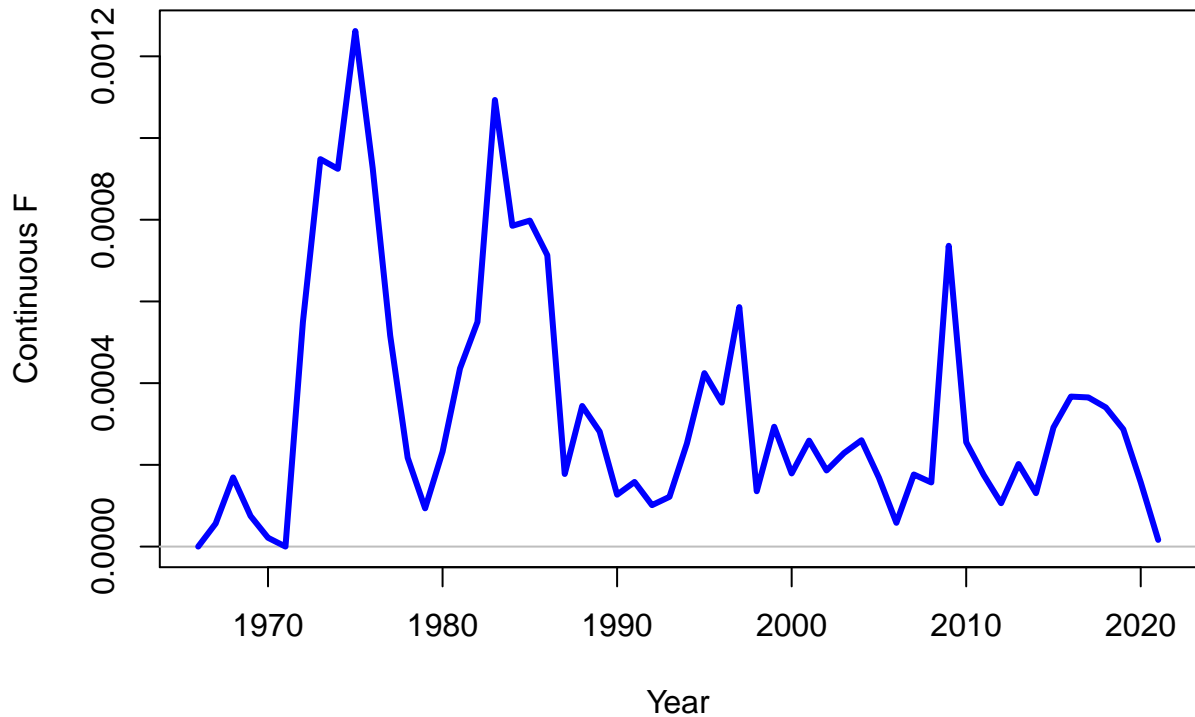




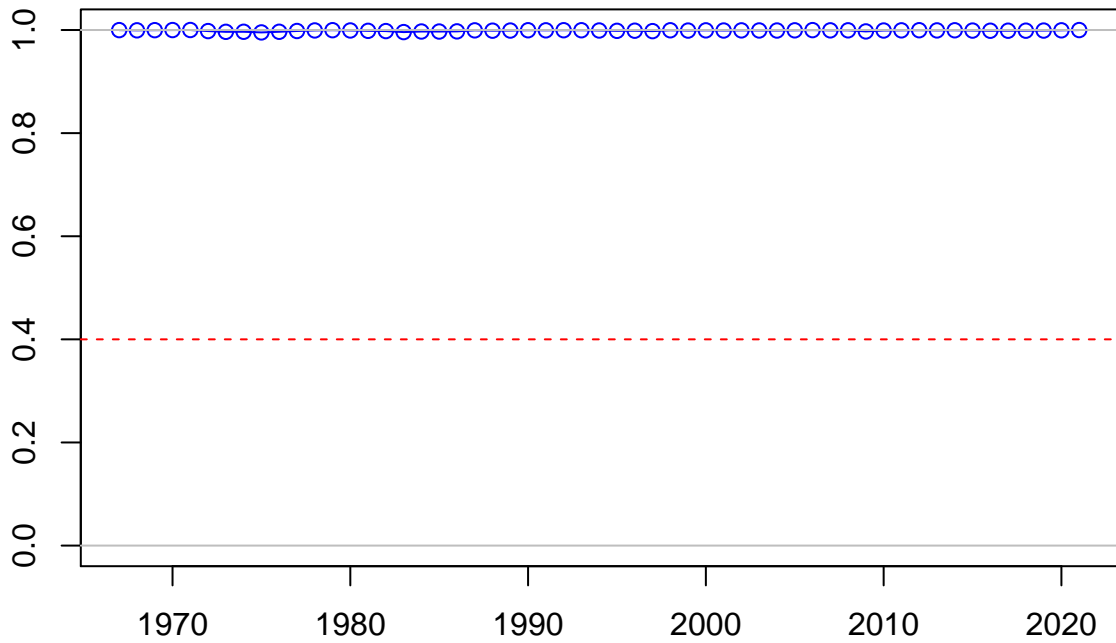


Observed and expected Landings (mt)

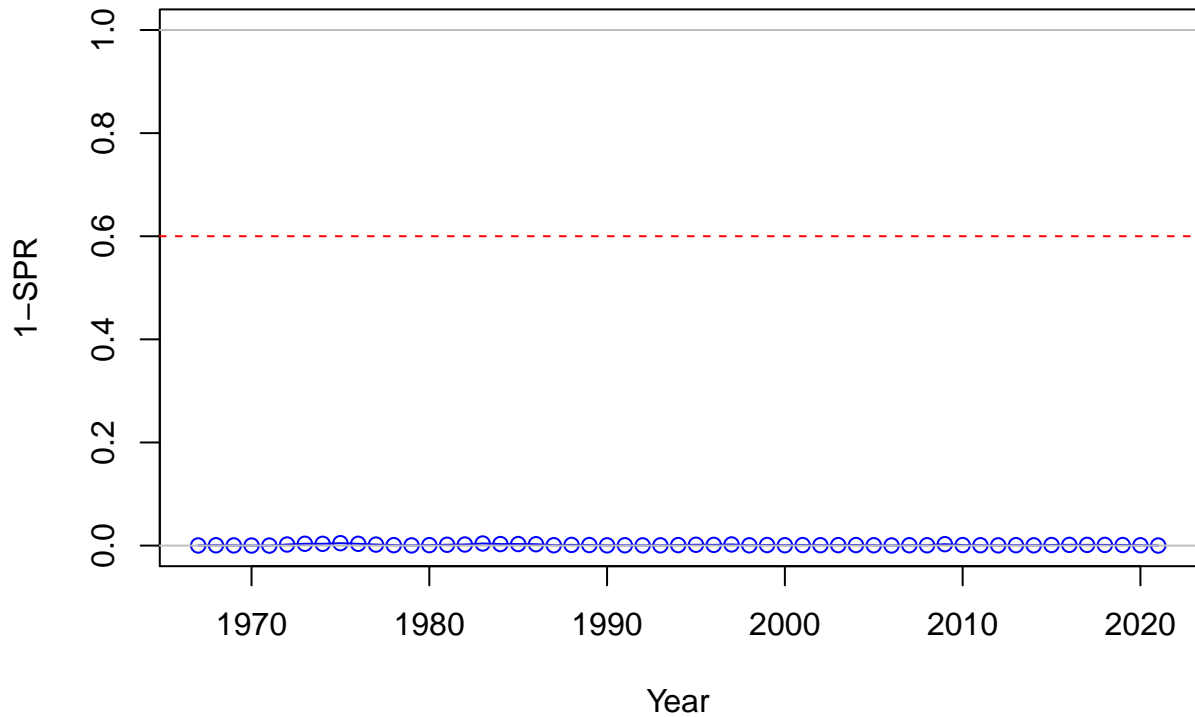




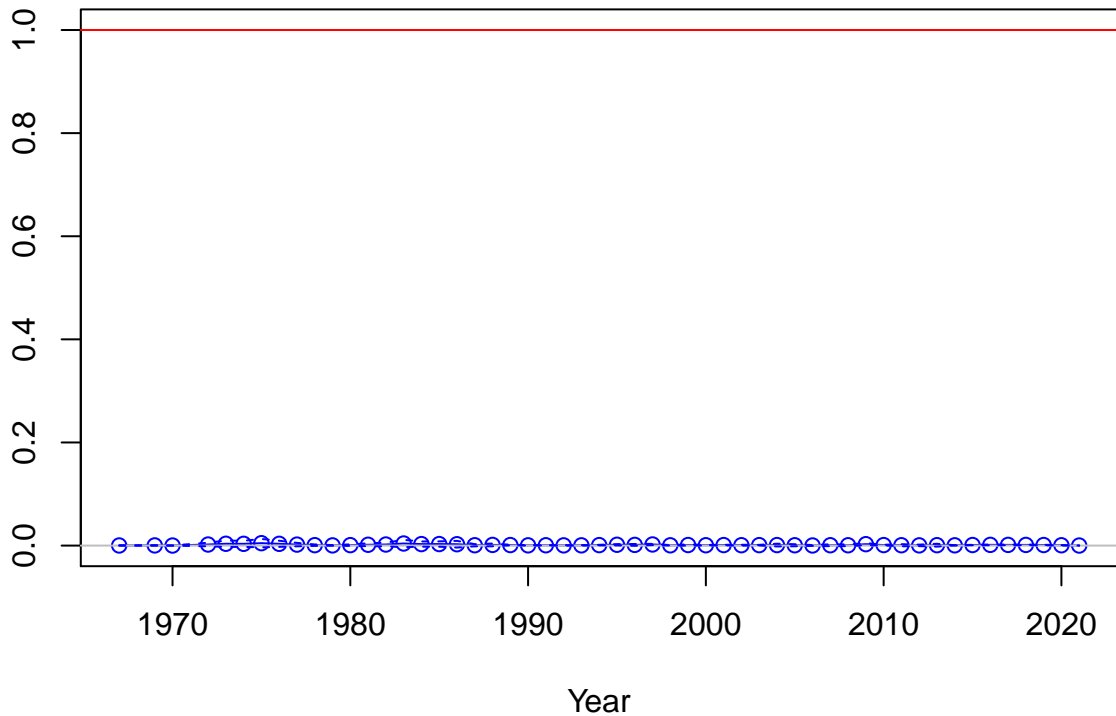
SPR



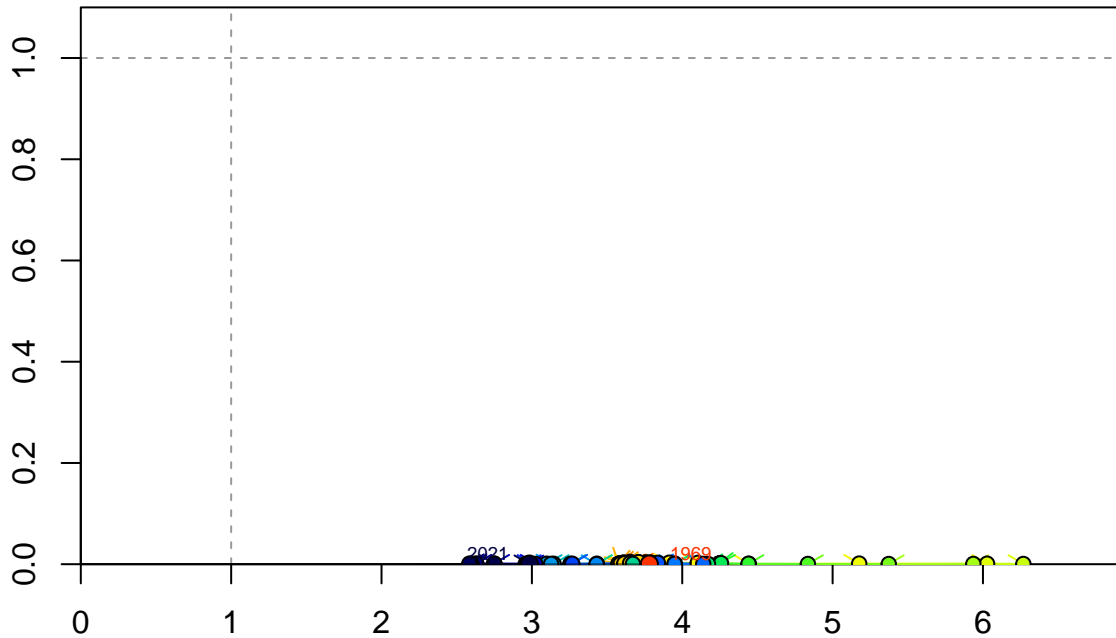
Year



Fishing intensity: 1-SPR

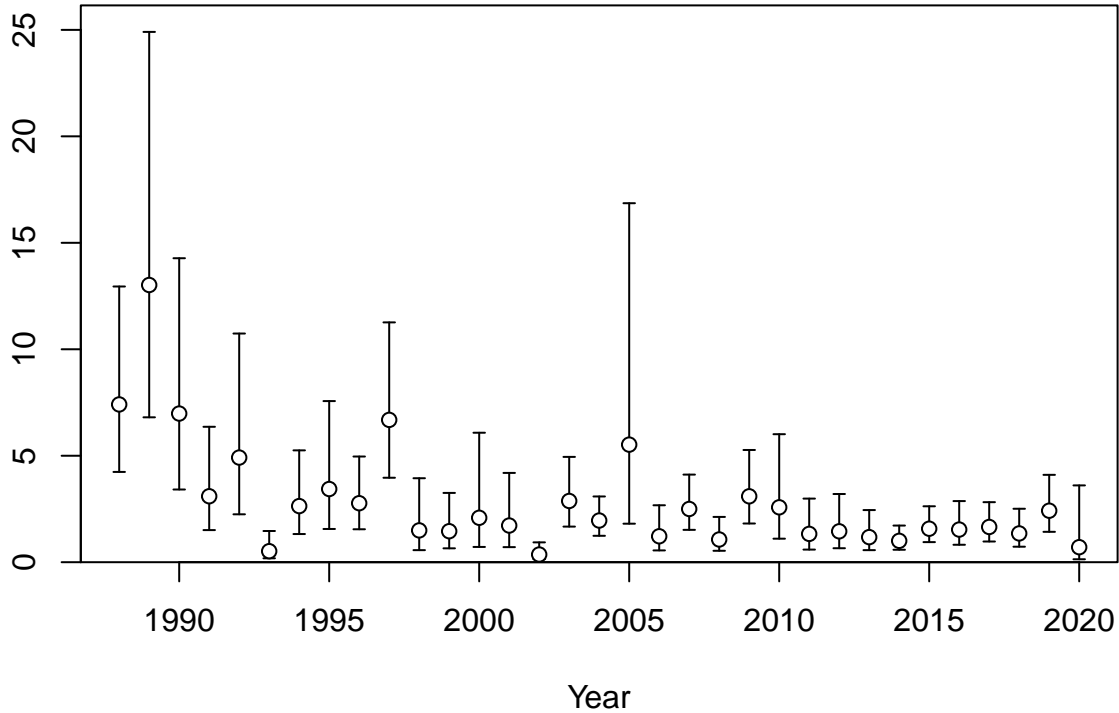


Fishing intensity: 1-SPR

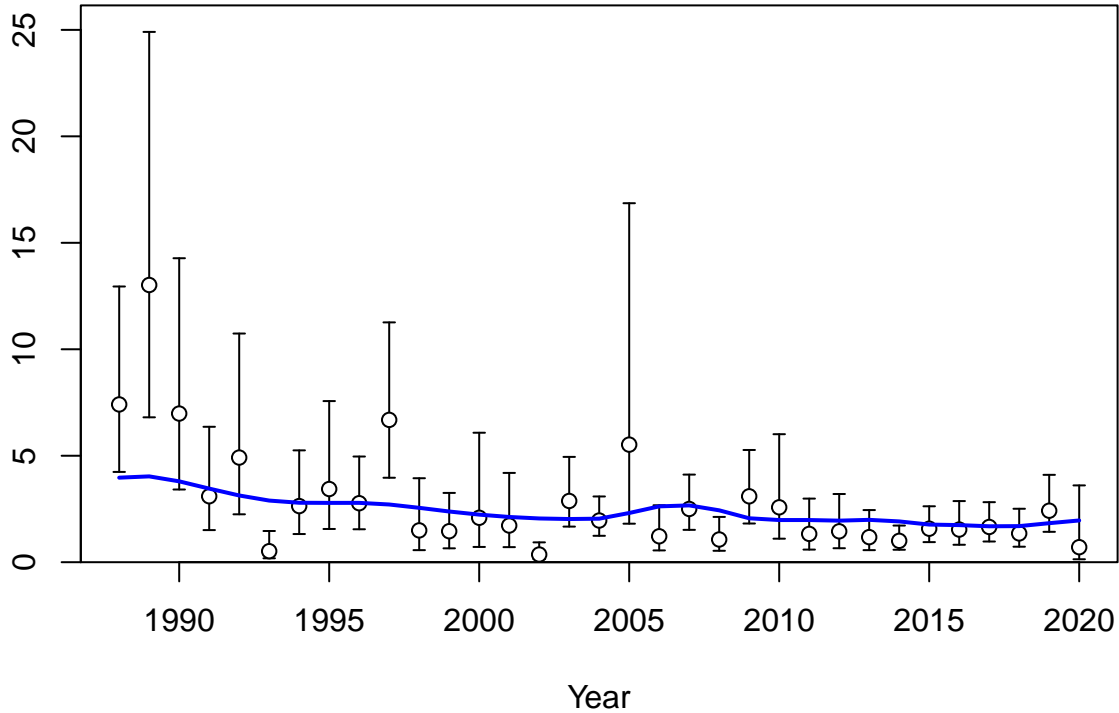


Relative spawning output: B/B_{MSY}

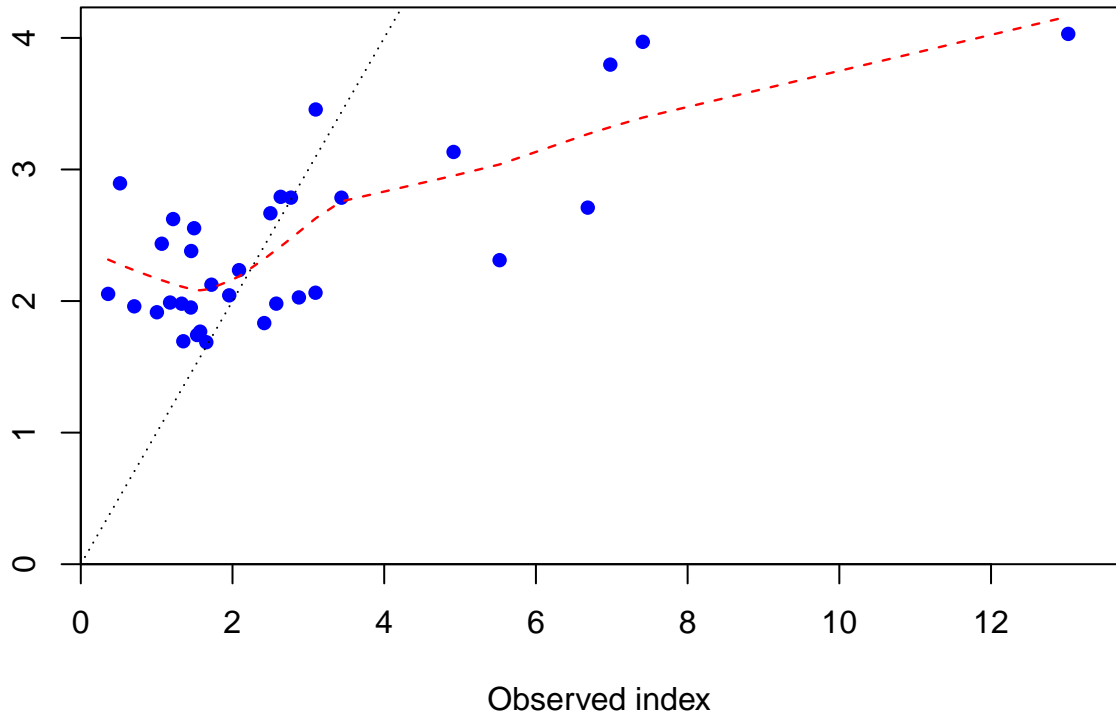
Index

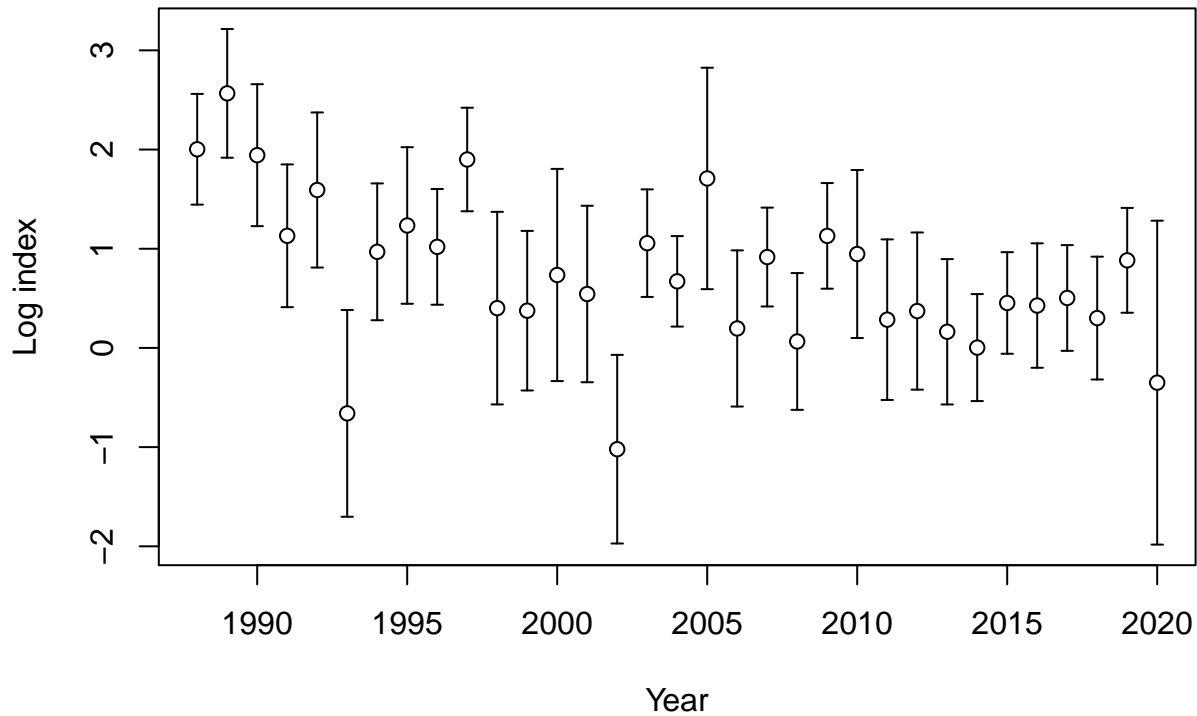


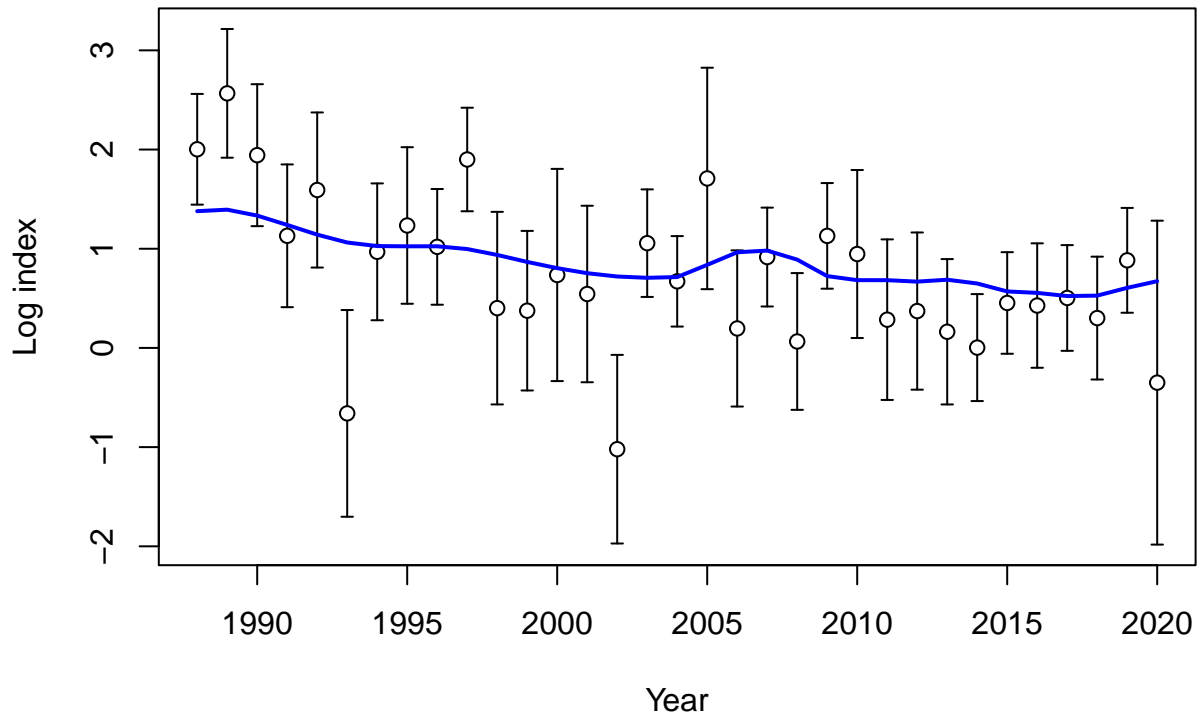
Index

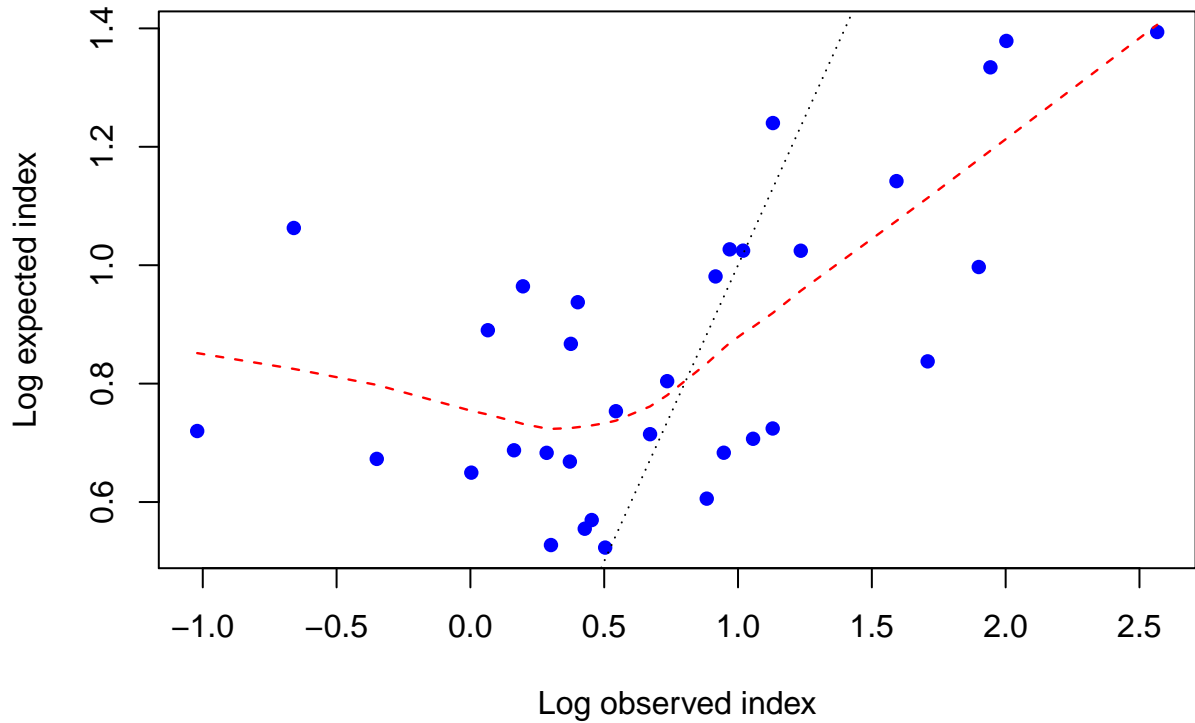


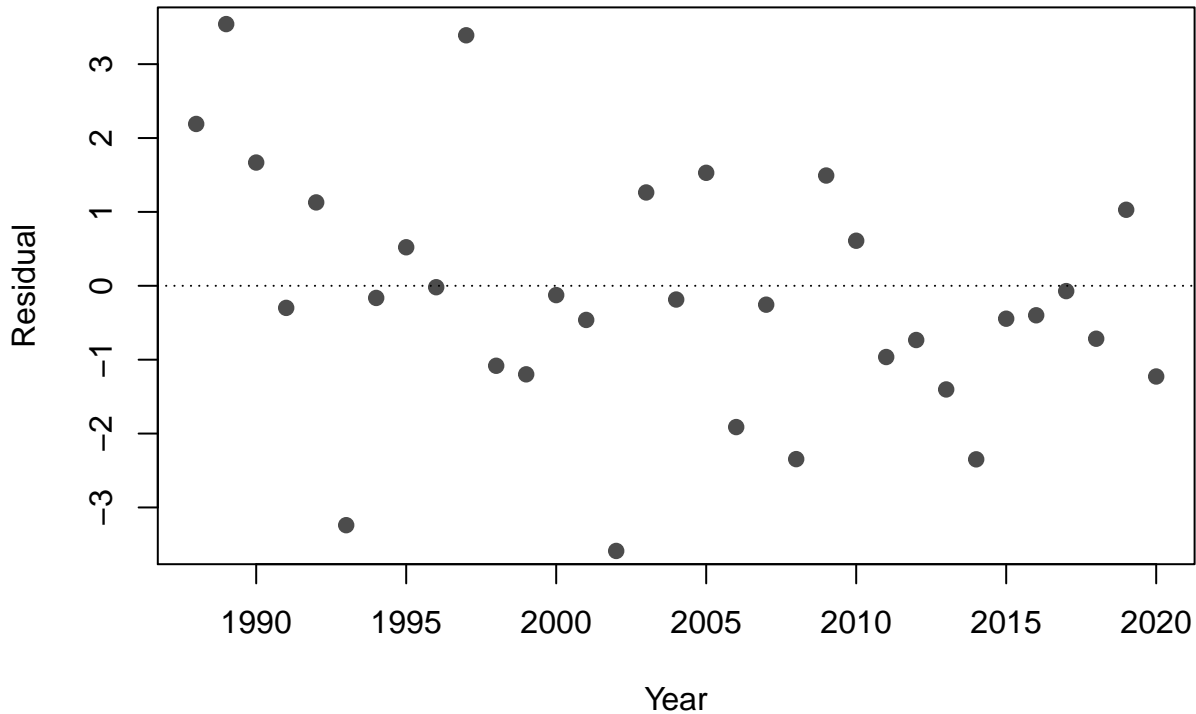
Expected index

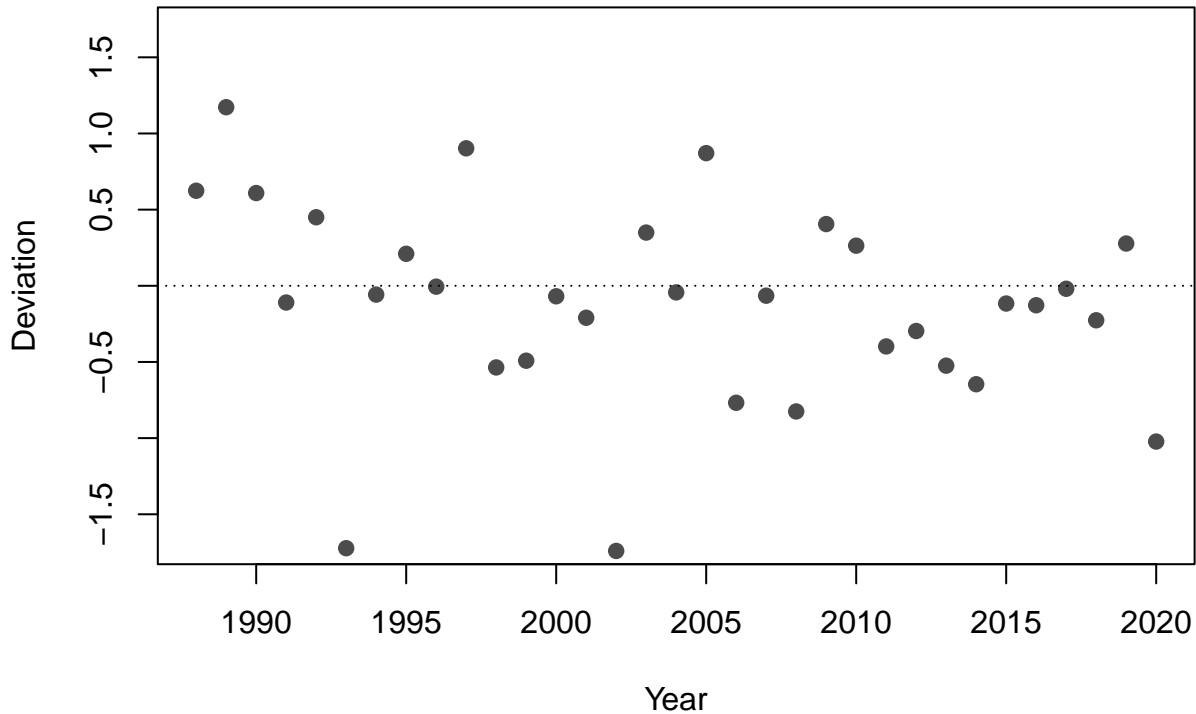


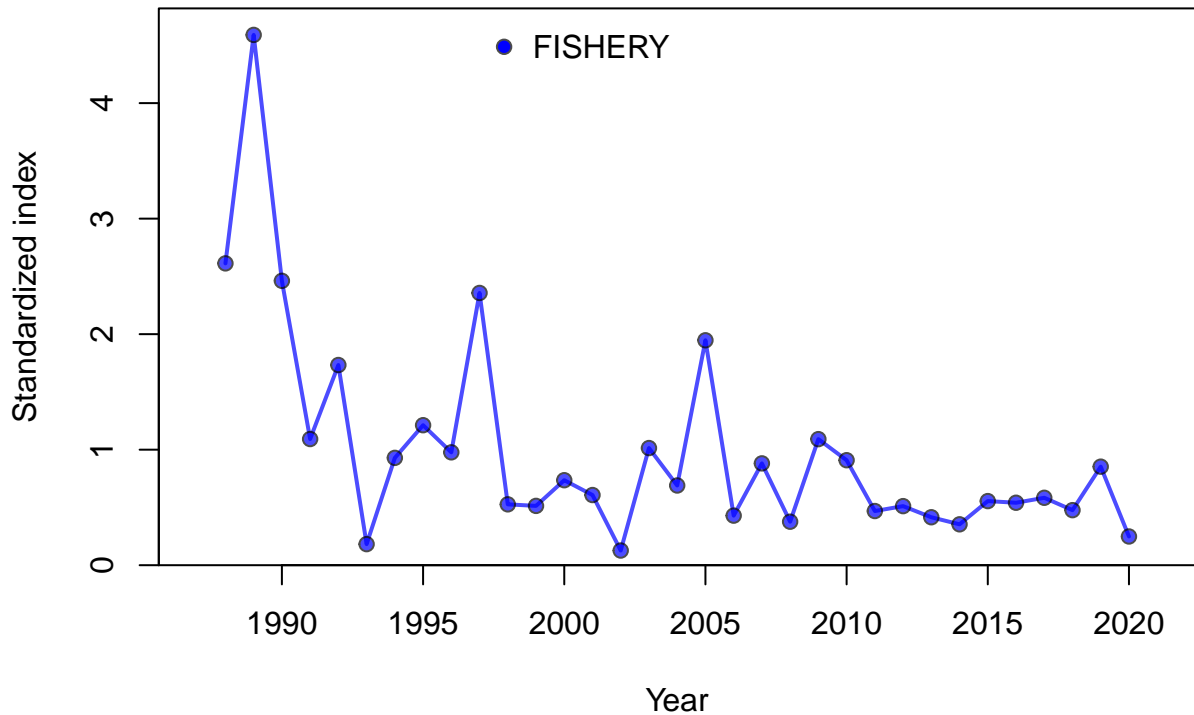




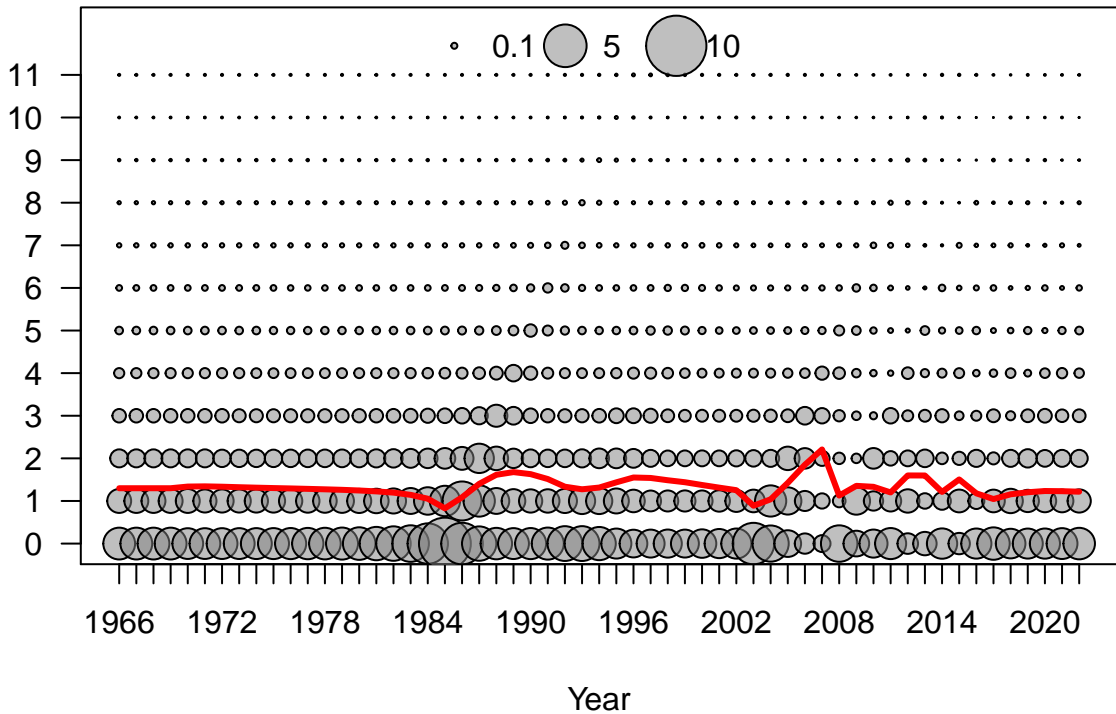


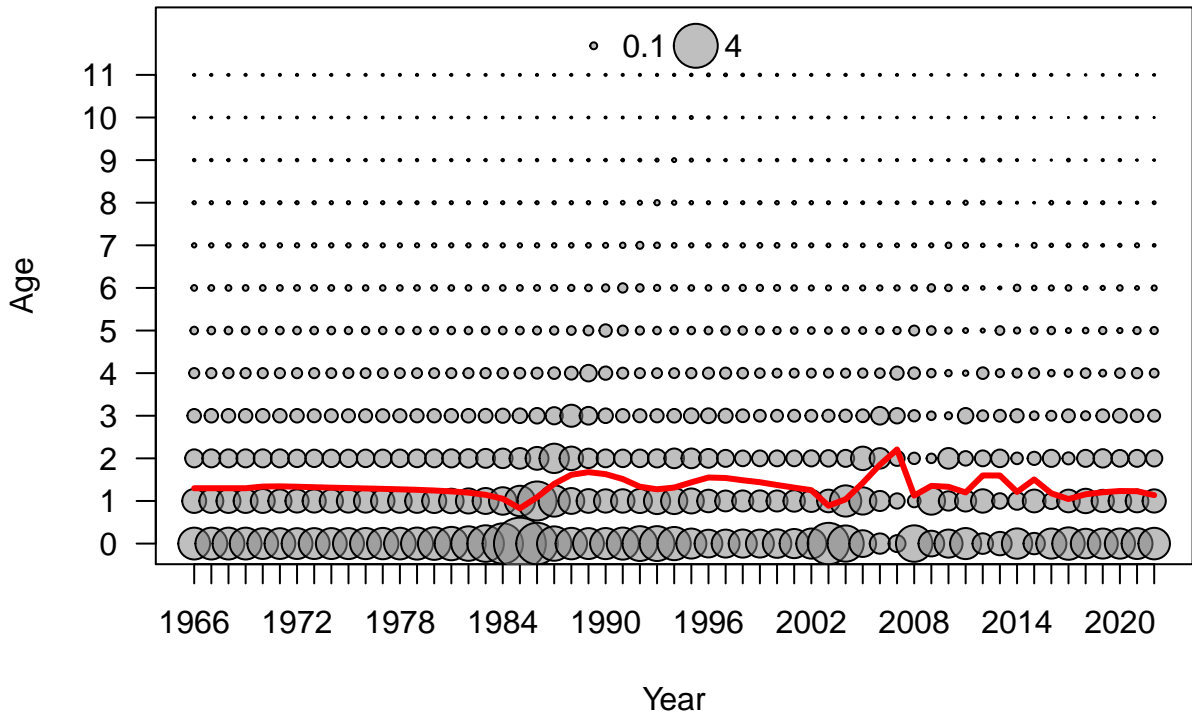


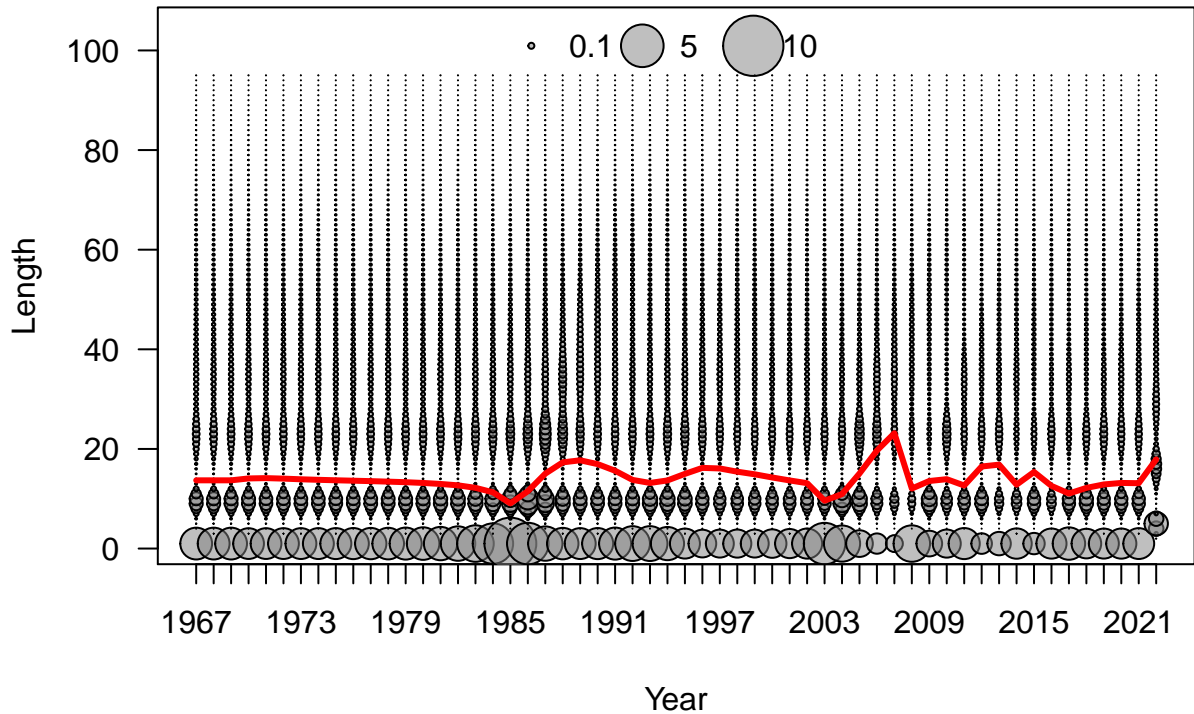


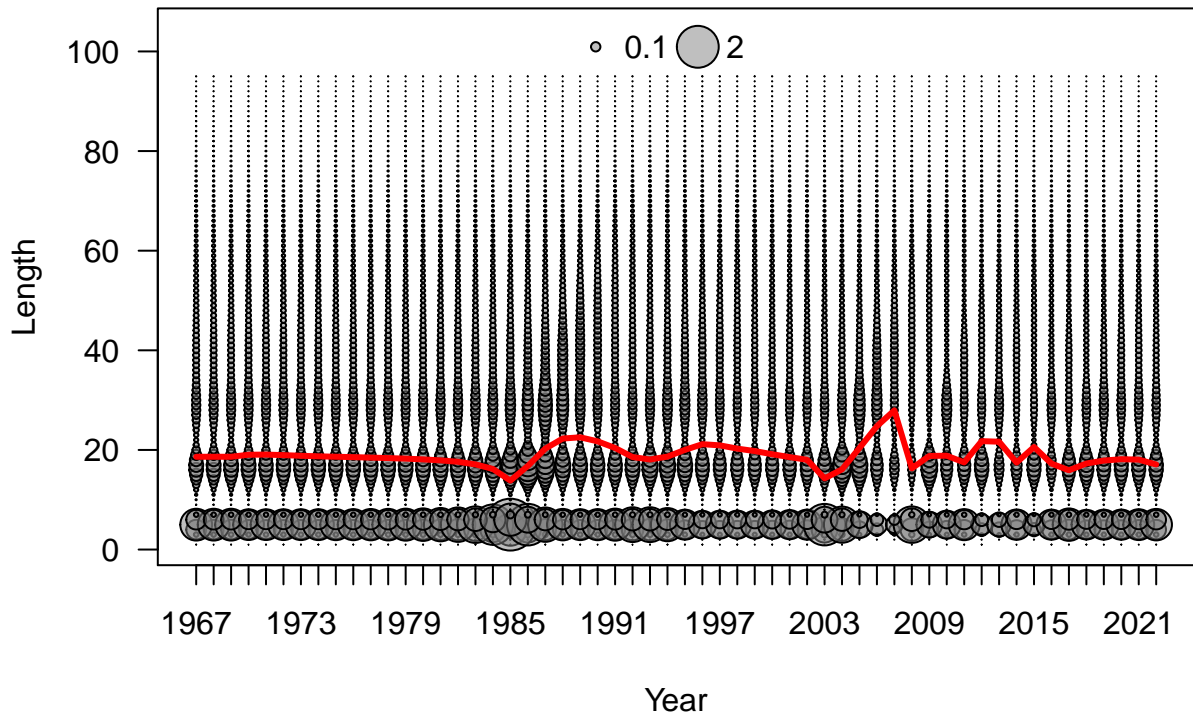


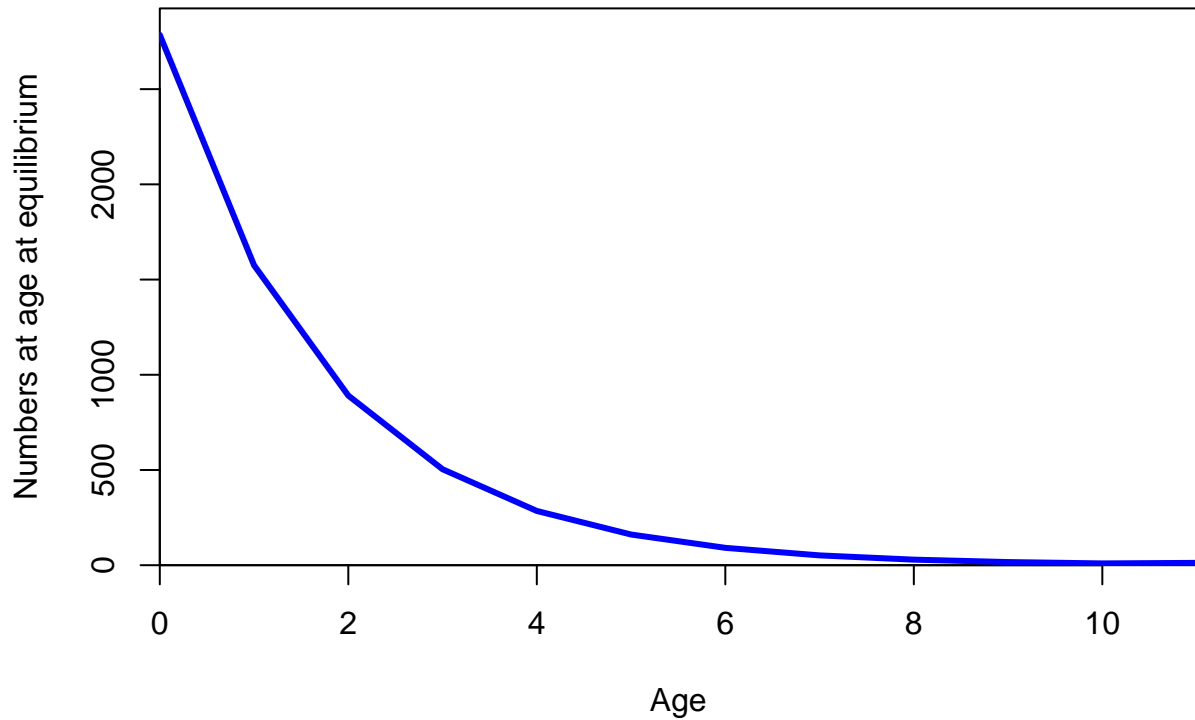
Age





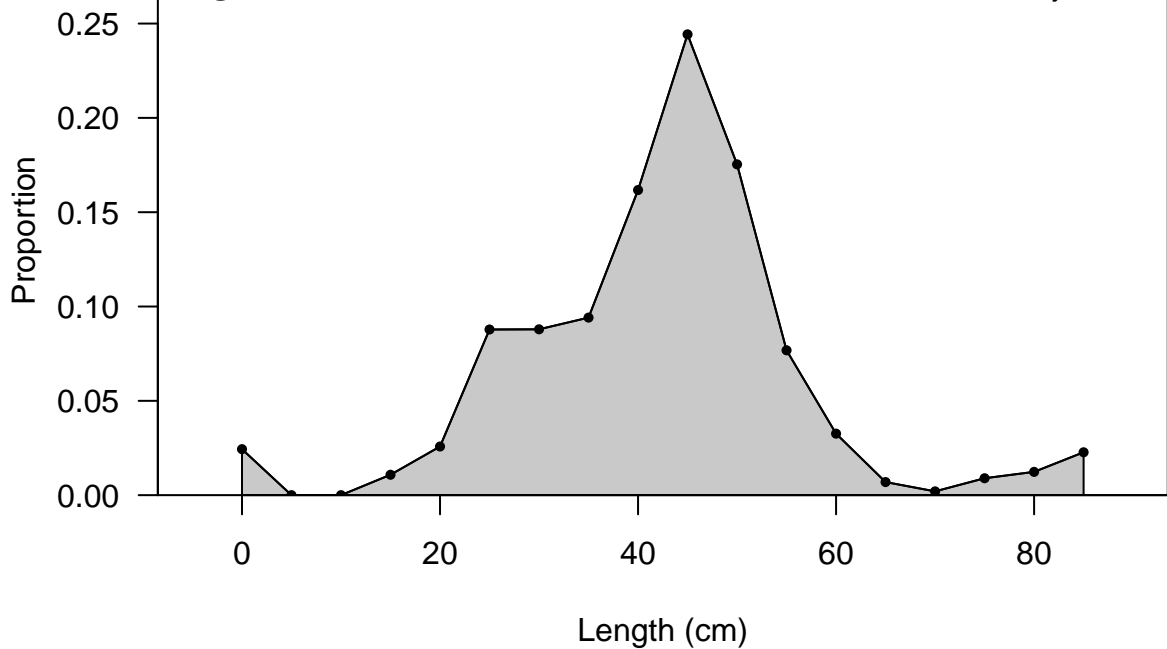


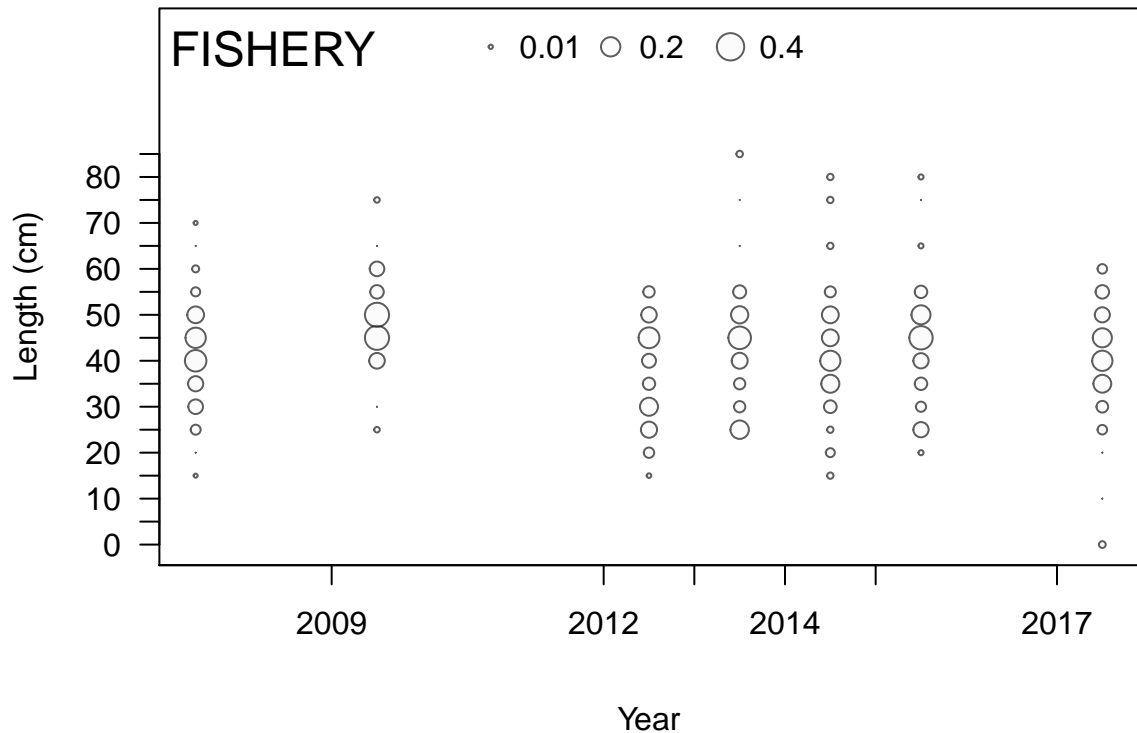




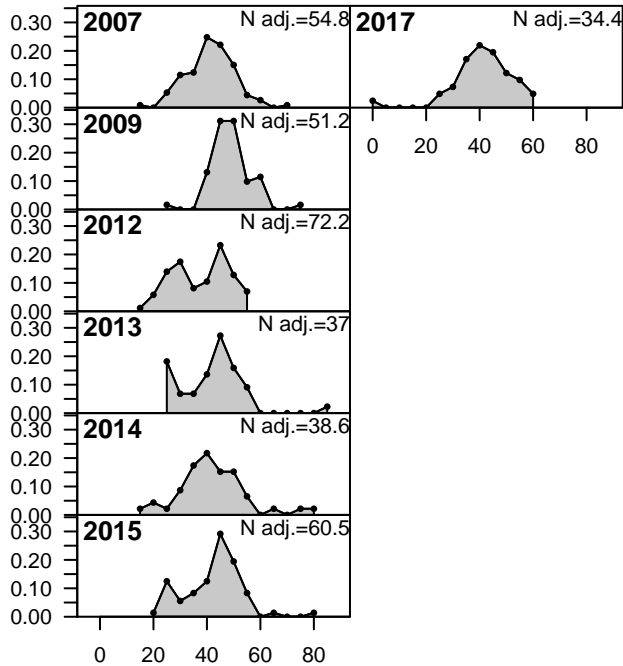
FISHERY

Sum of N adj.=348.8

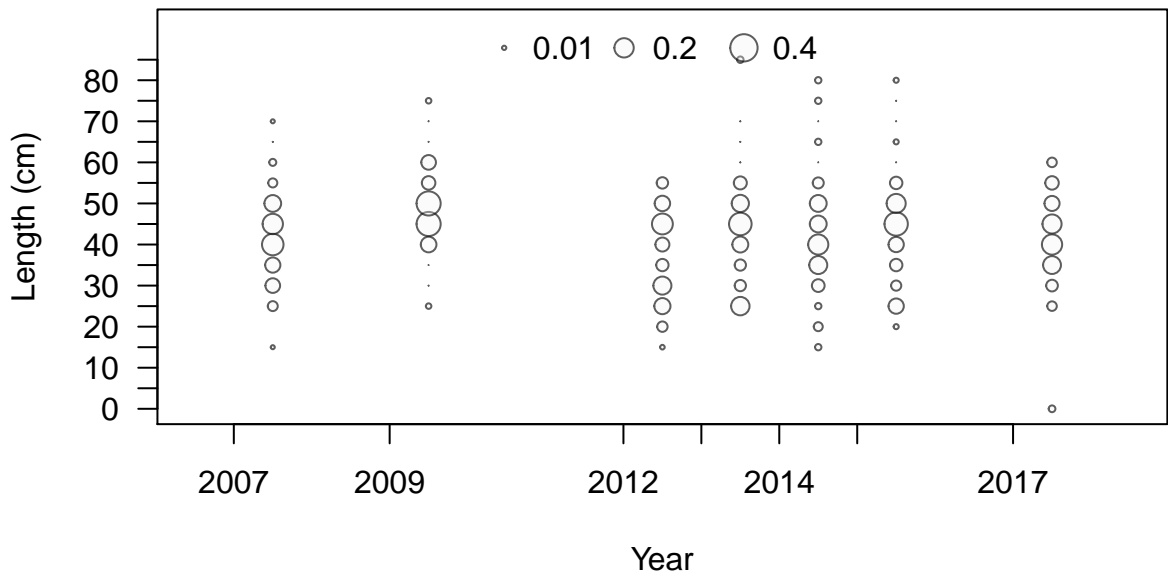




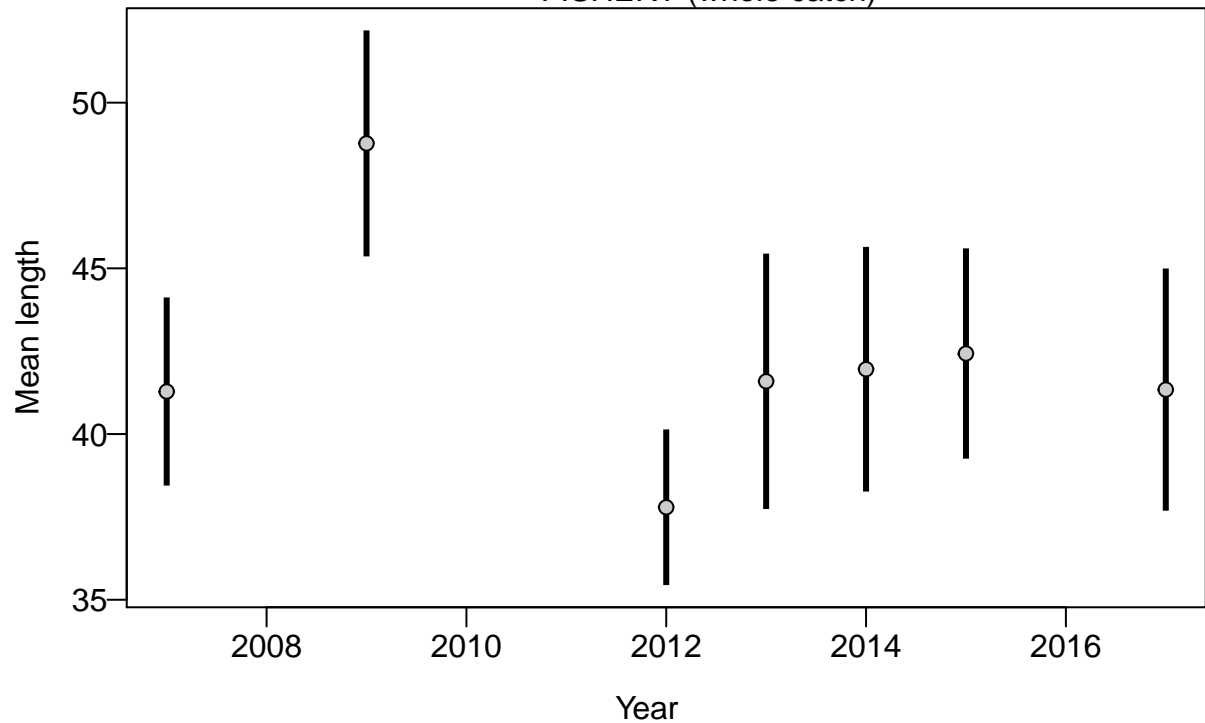
Proportion



Length (cm)

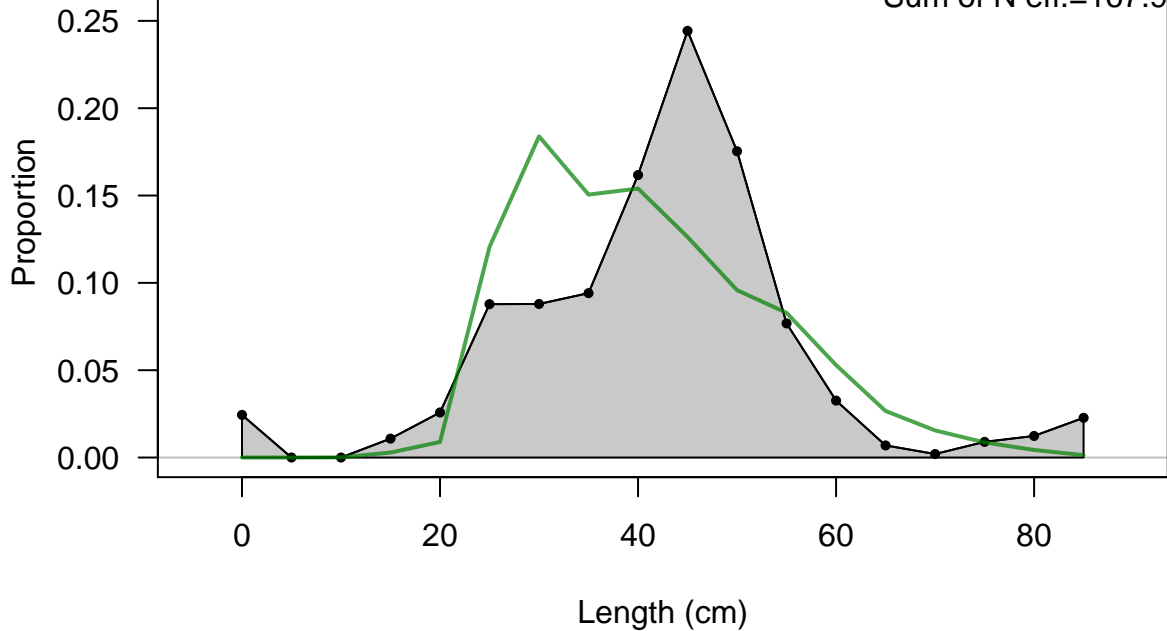


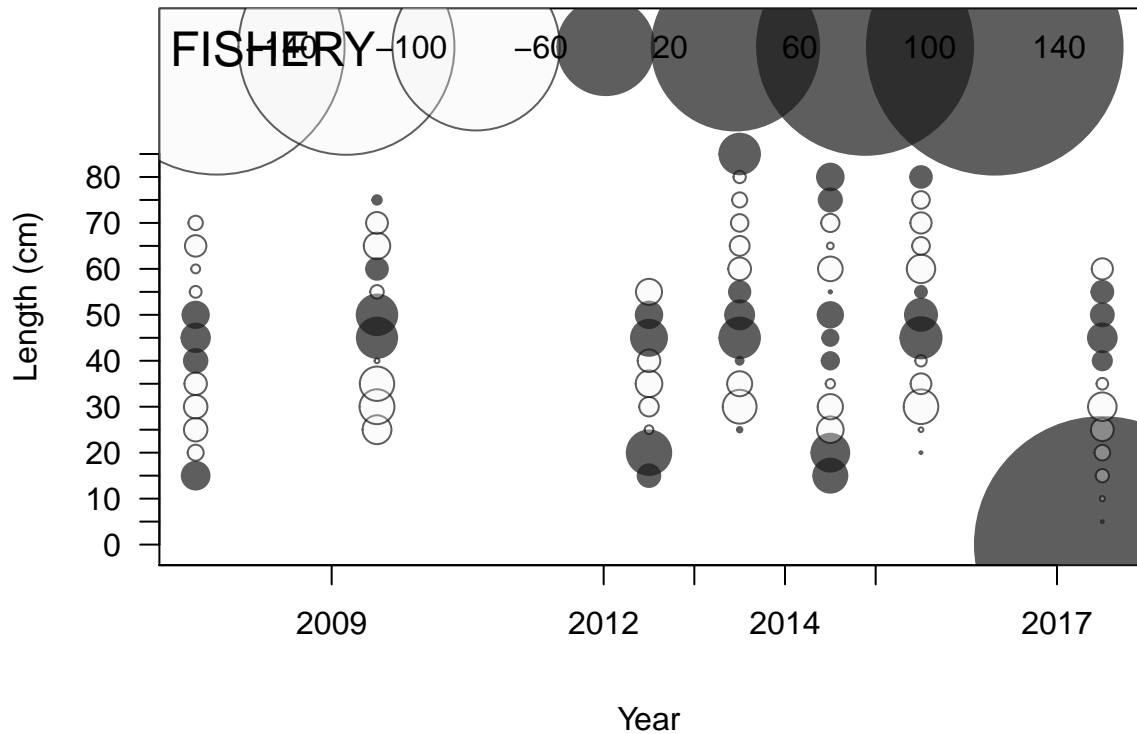
FISHERY (whole catch)



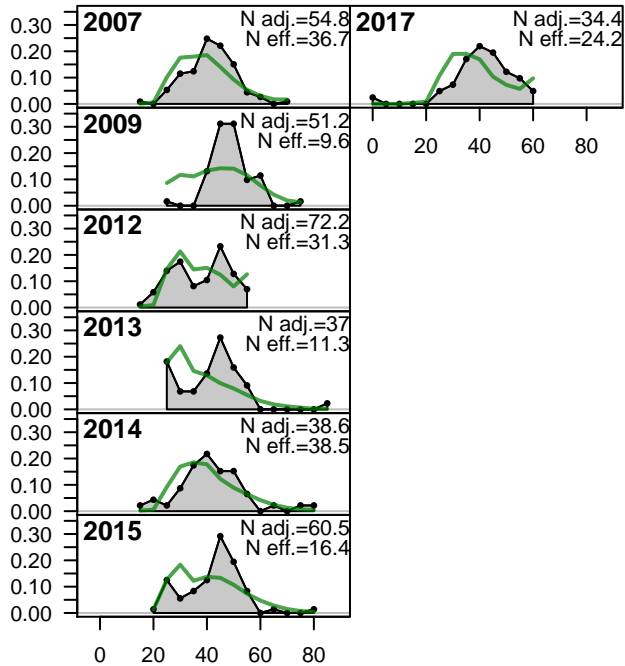
FISHERY

Sum of N adj.=348.8
Sum of N eff.=167.9

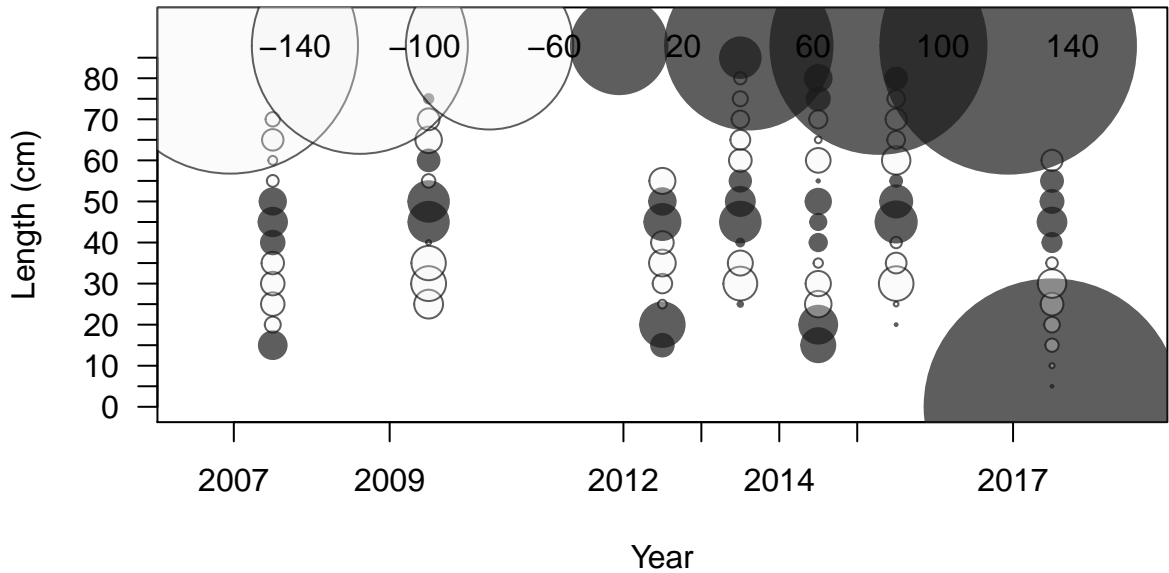




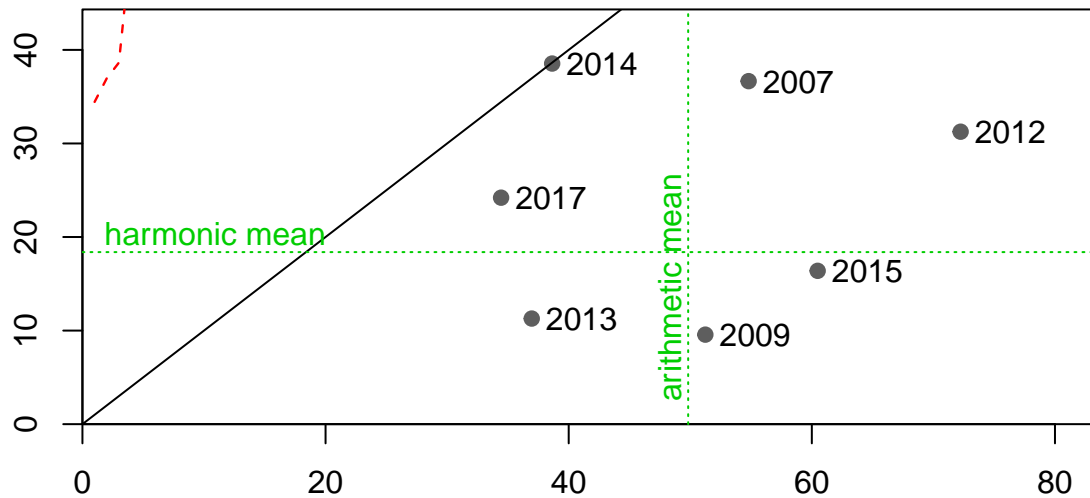
Proportion



Length (cm)

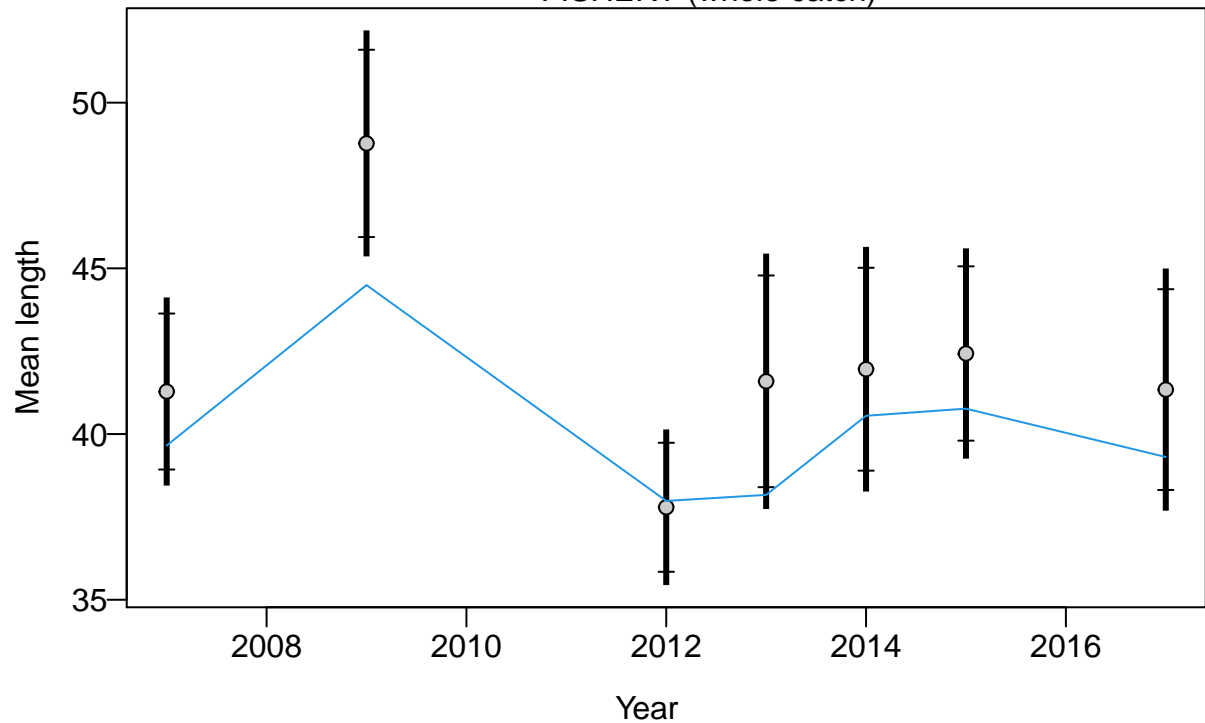


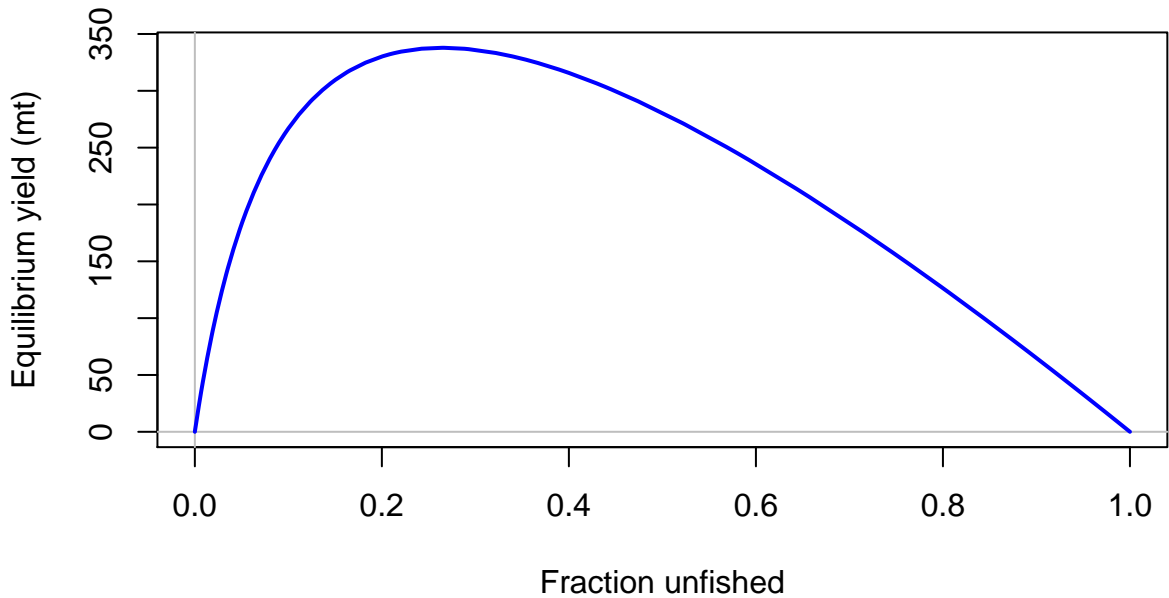
Effective sample size

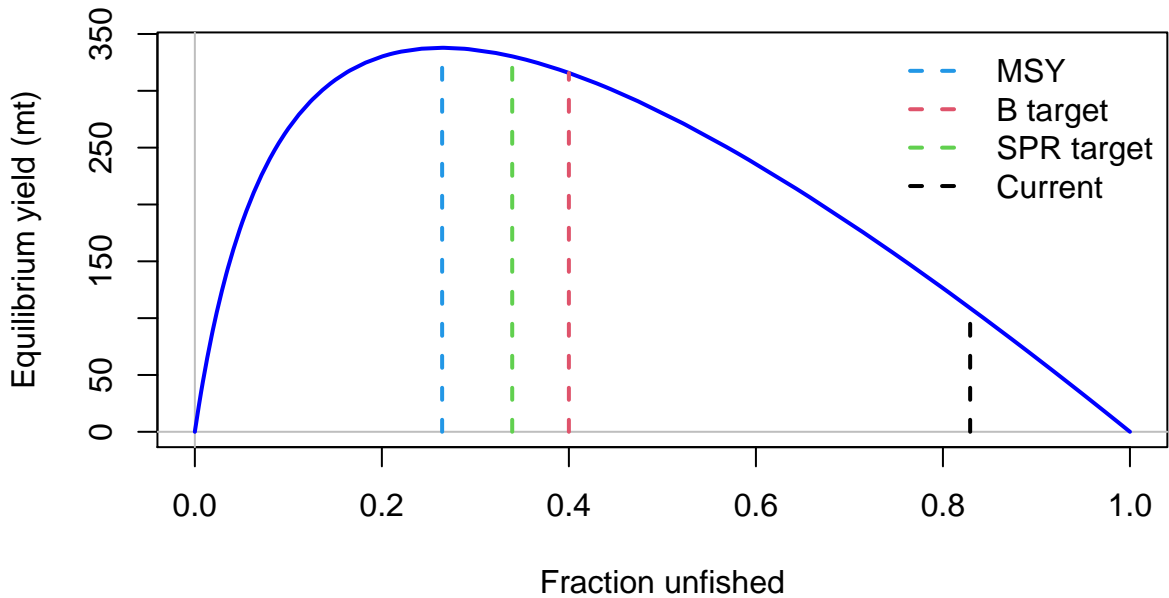


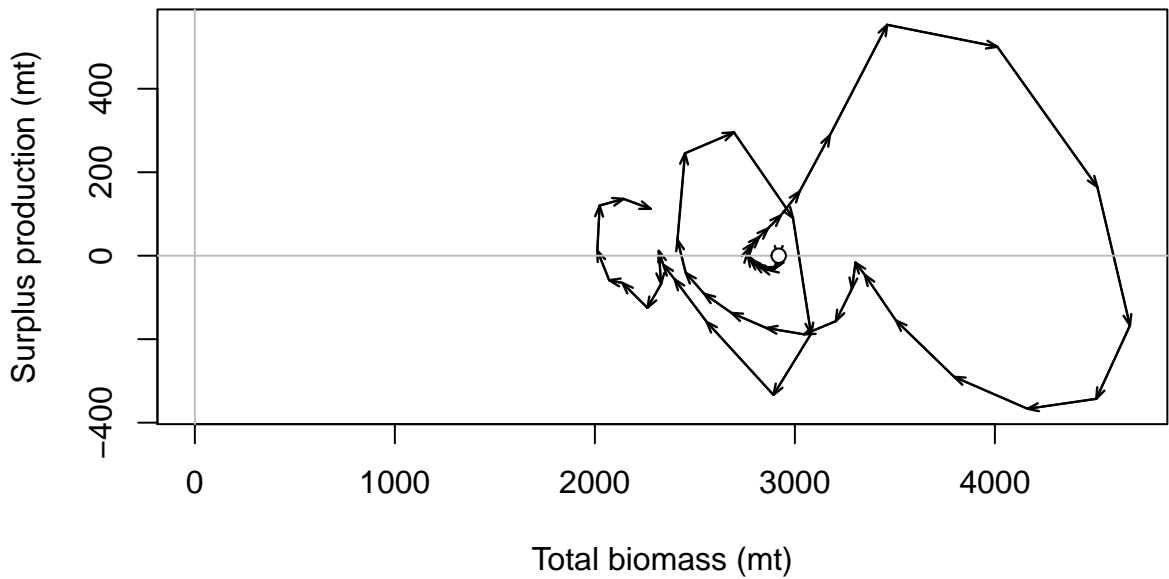
Observed sample size

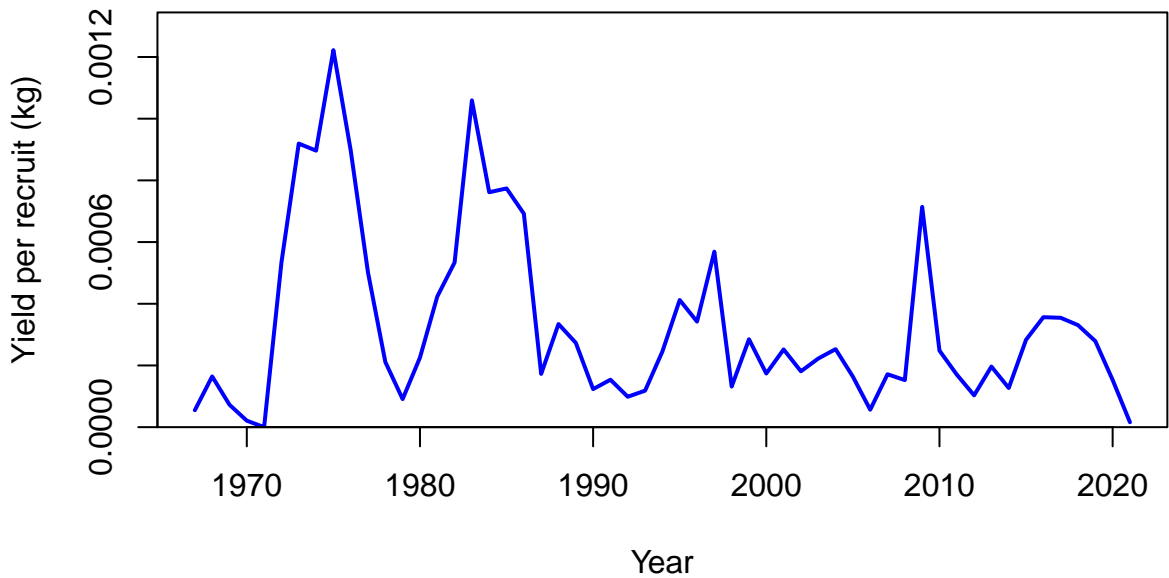
FISHERY (whole catch)

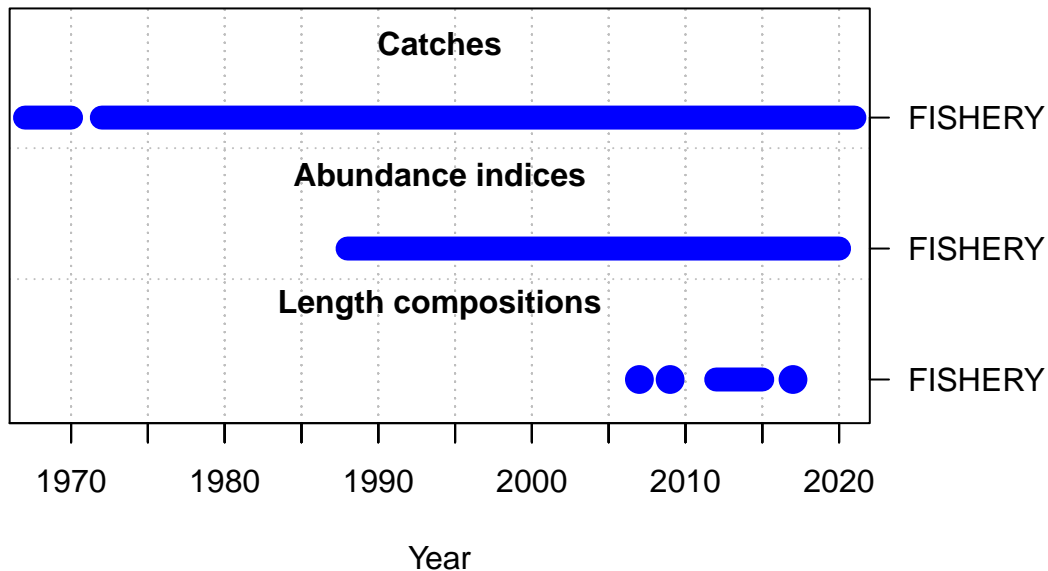


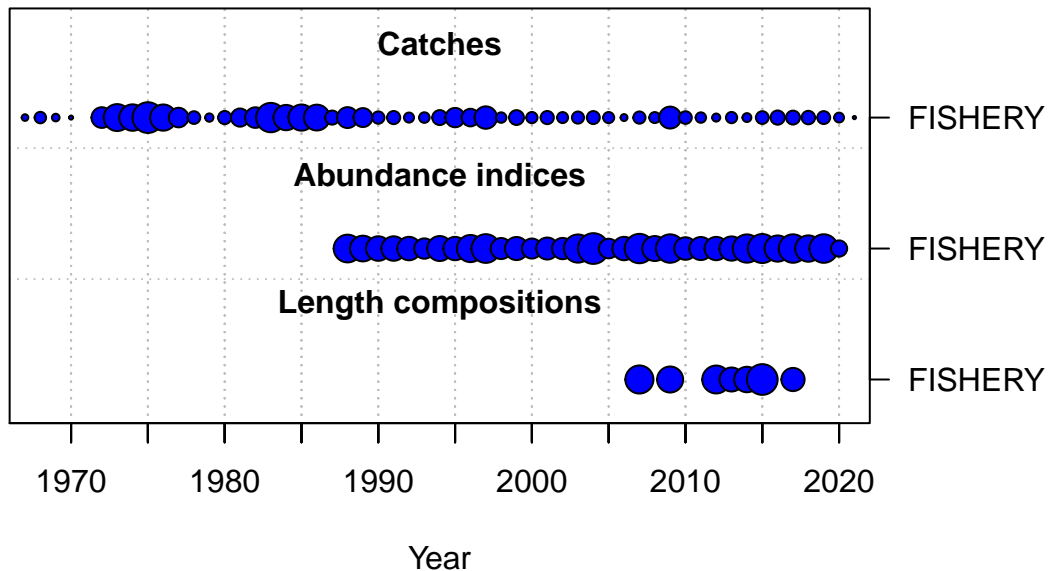












Density

