

Plots created using the 'r4ss' package in R

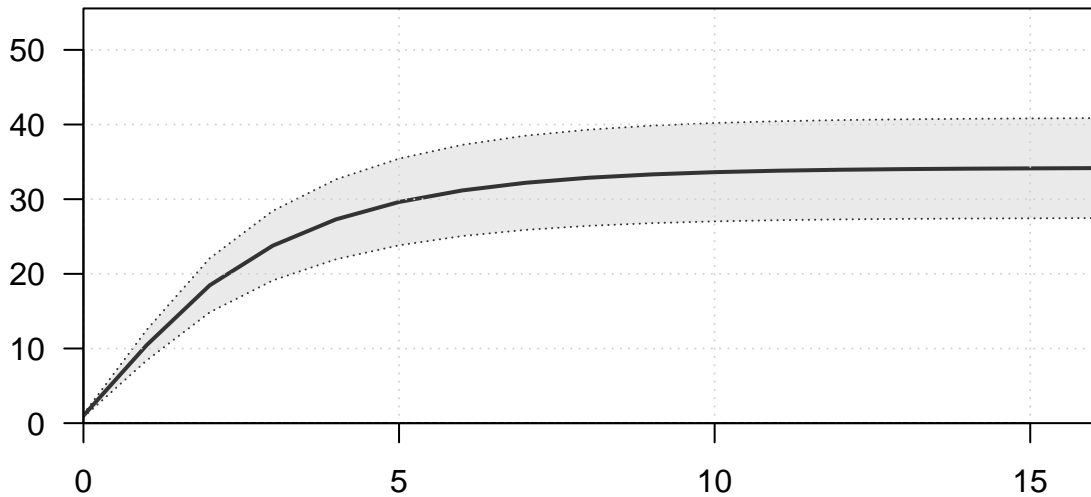
Stock Synthesis version: 3.30.19.0

StartTime: Fri Jul 01 08:46:49 2022

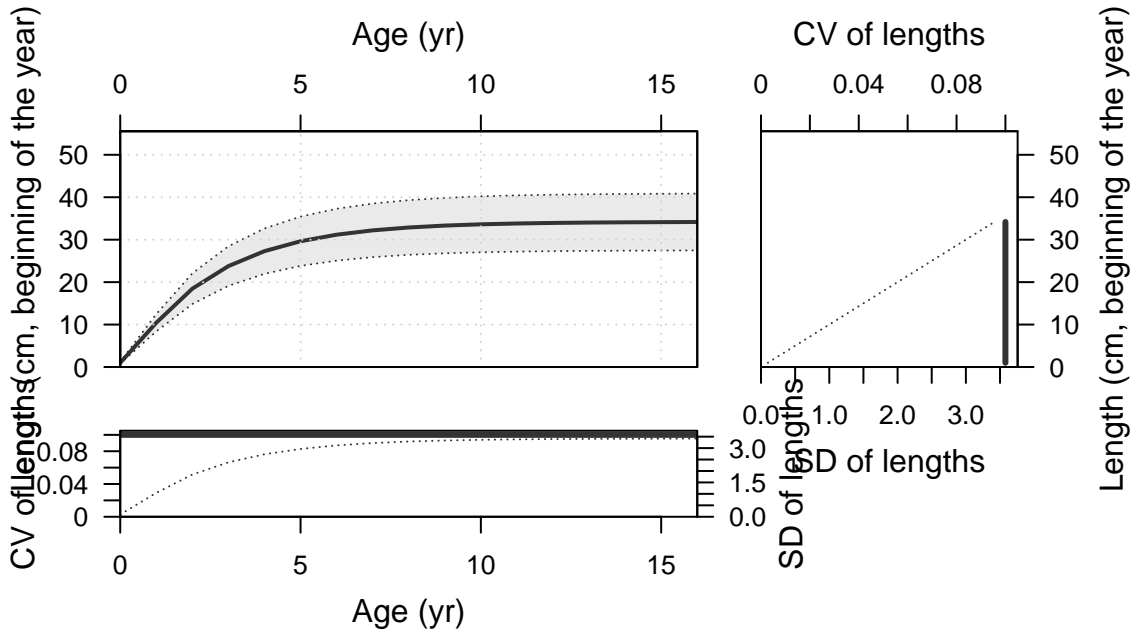
Data_File: data.ss

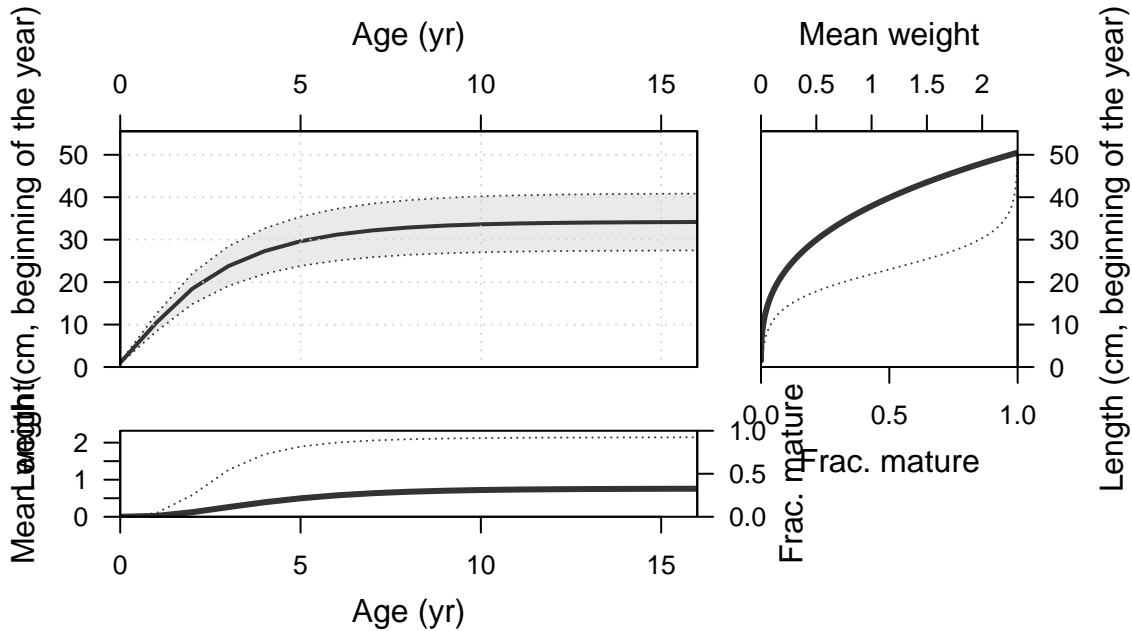
Control_File: control.ss

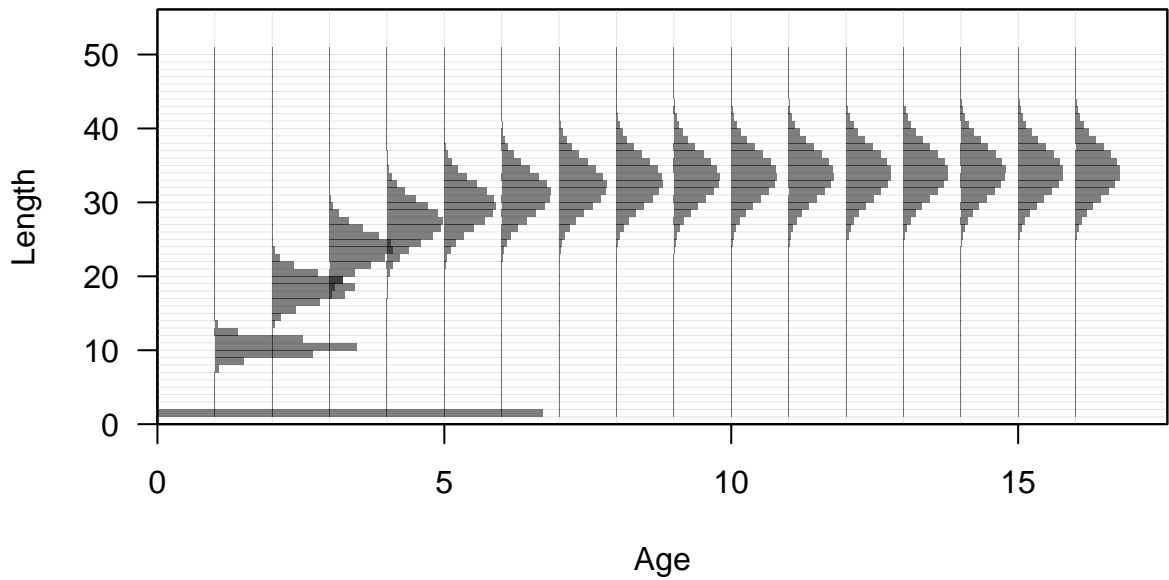
Length (cm, beginning of the year)

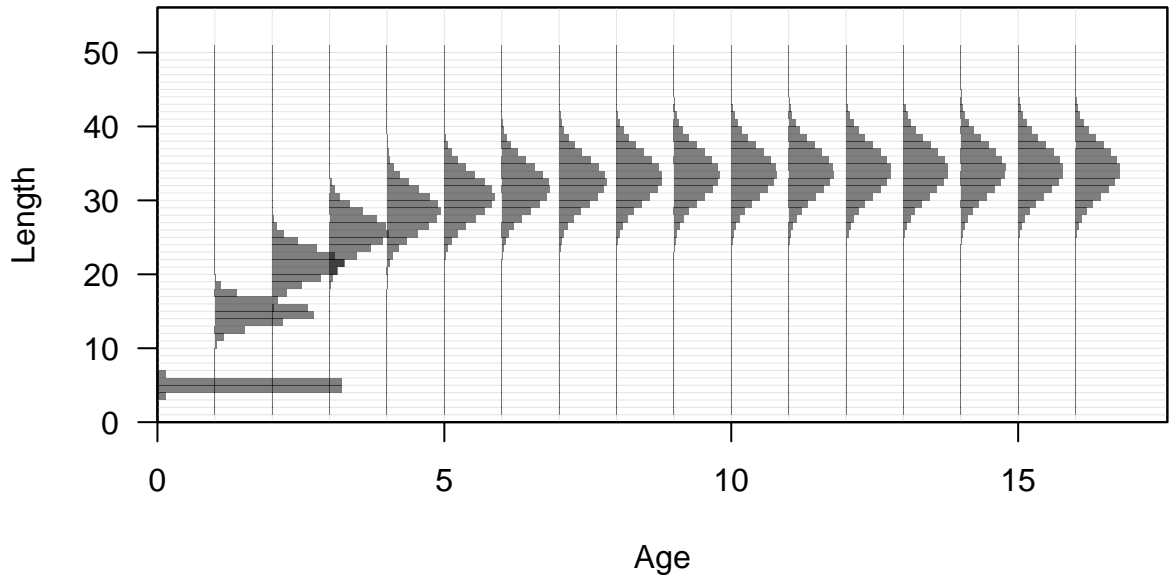


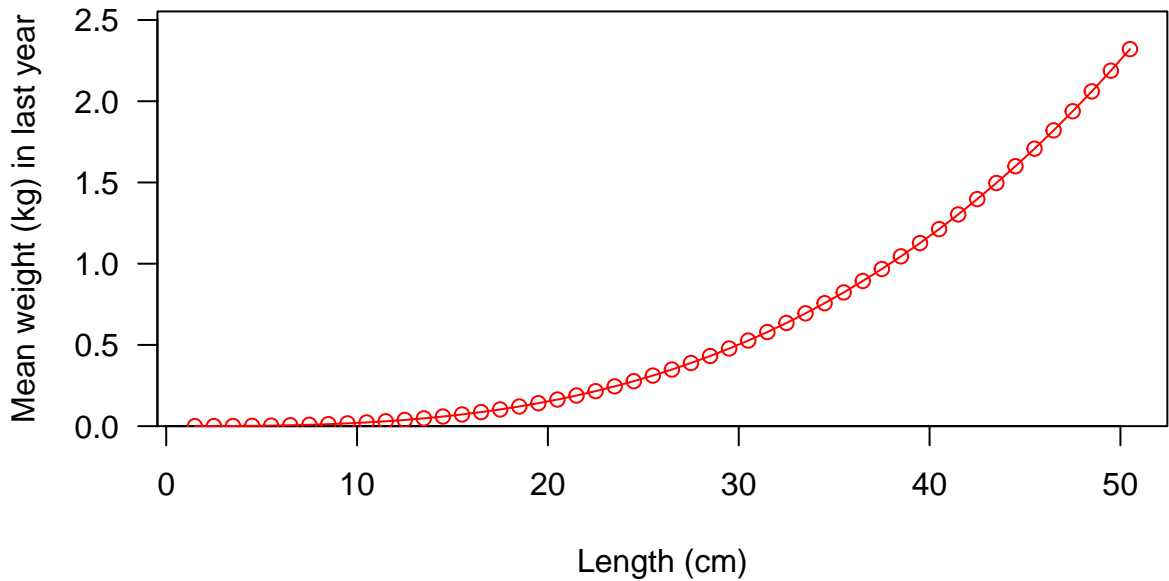
Age (yr)

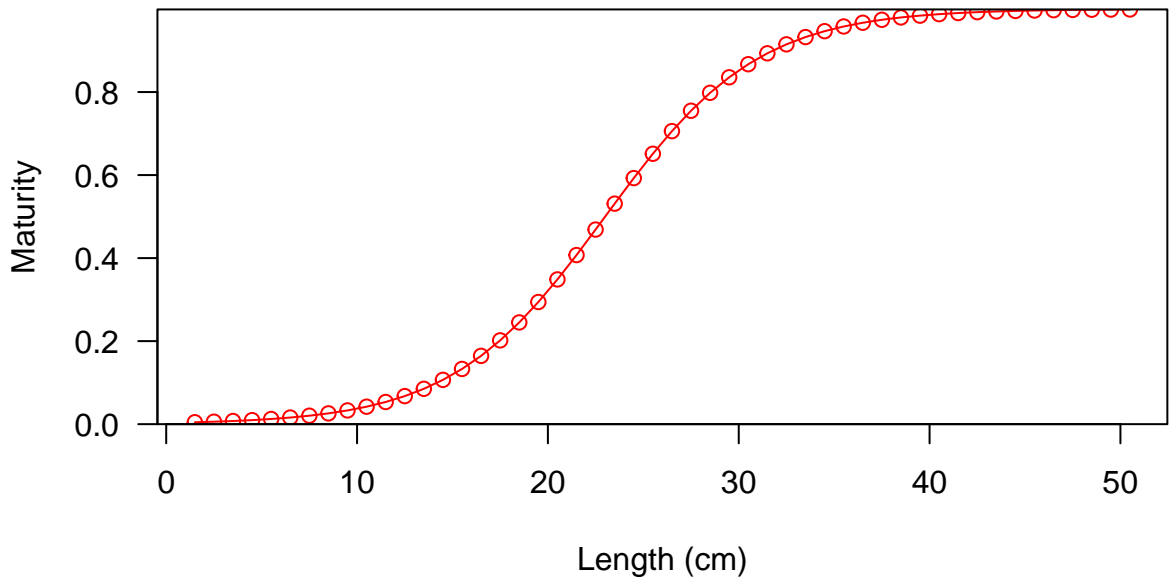


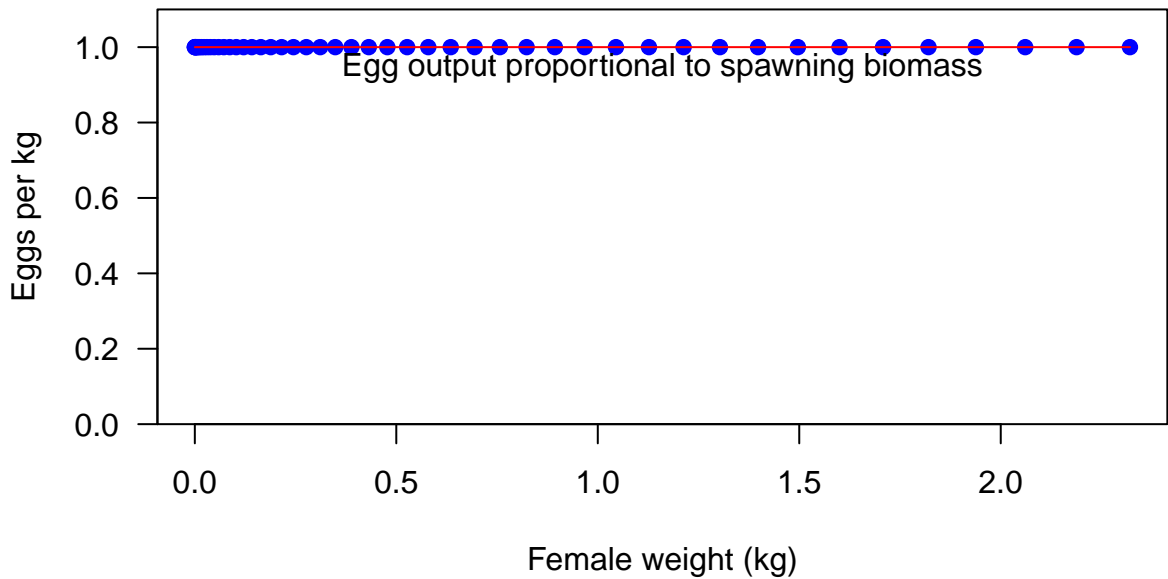


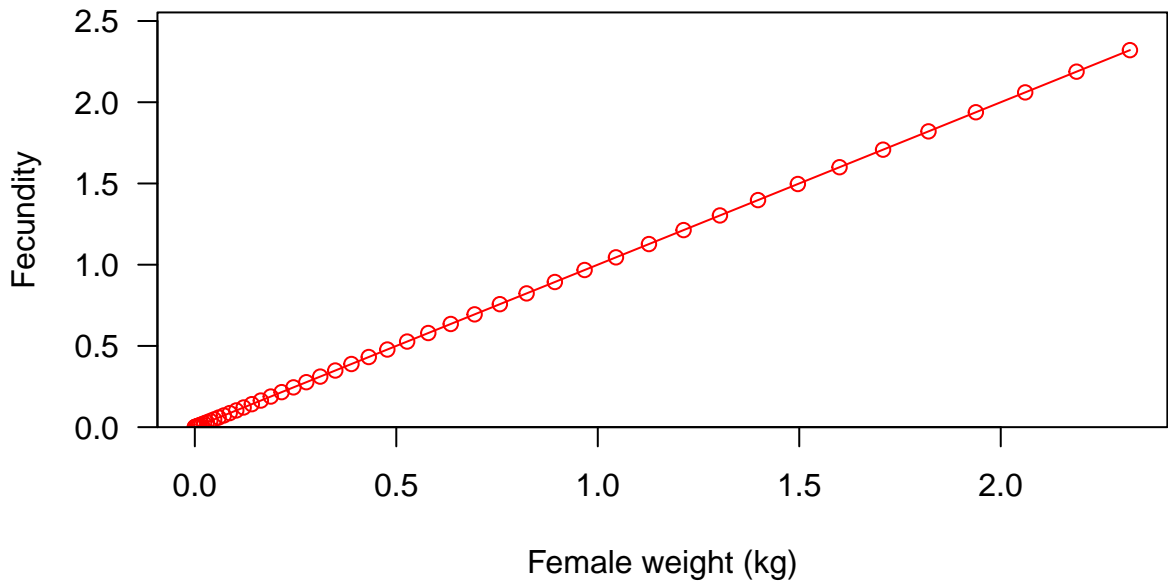


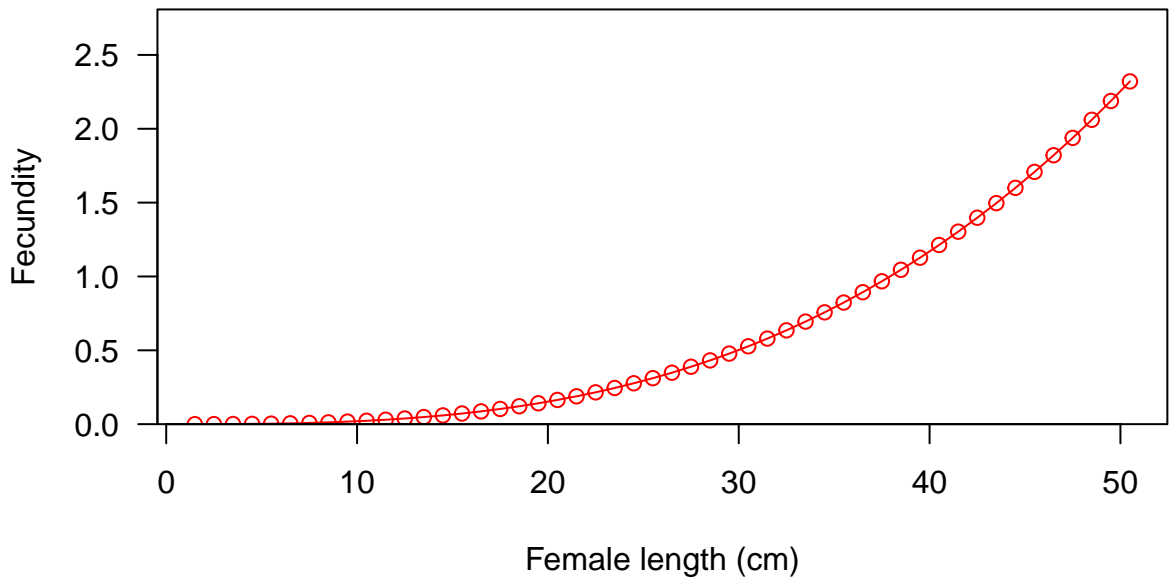


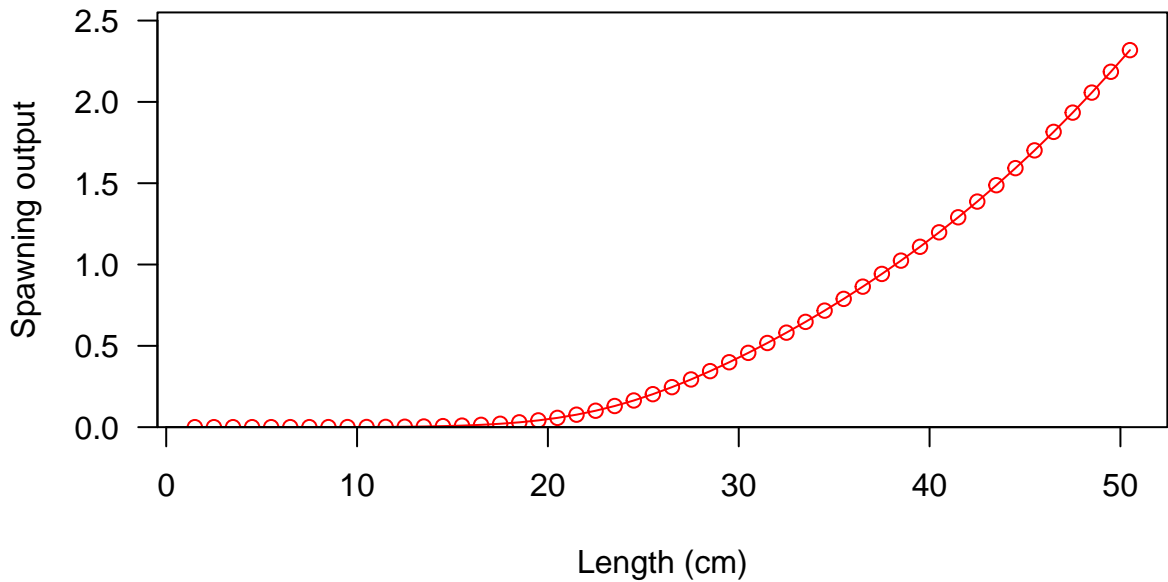


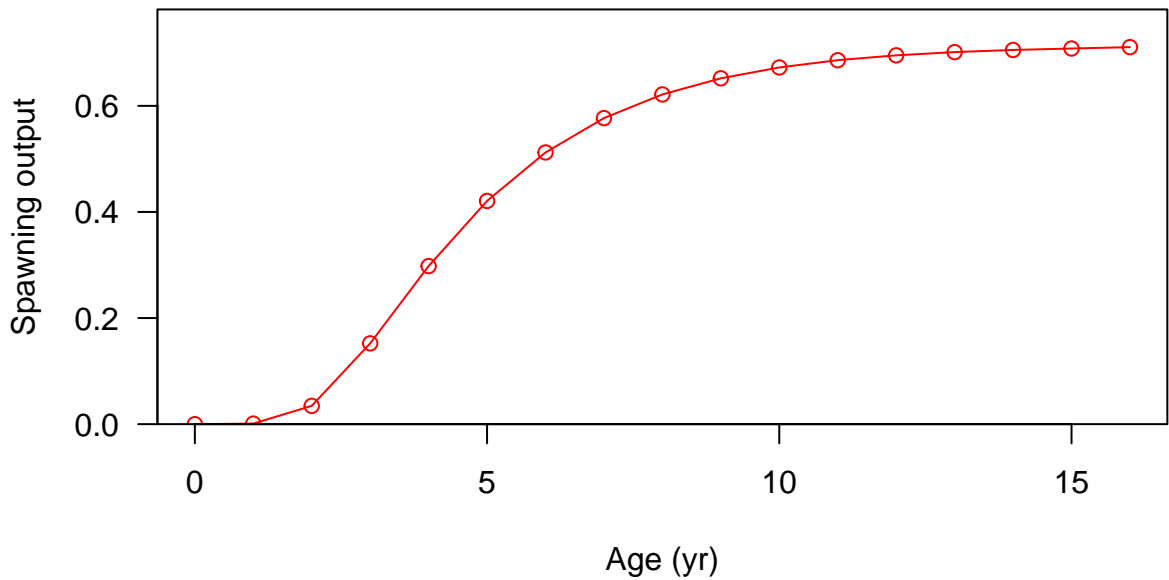




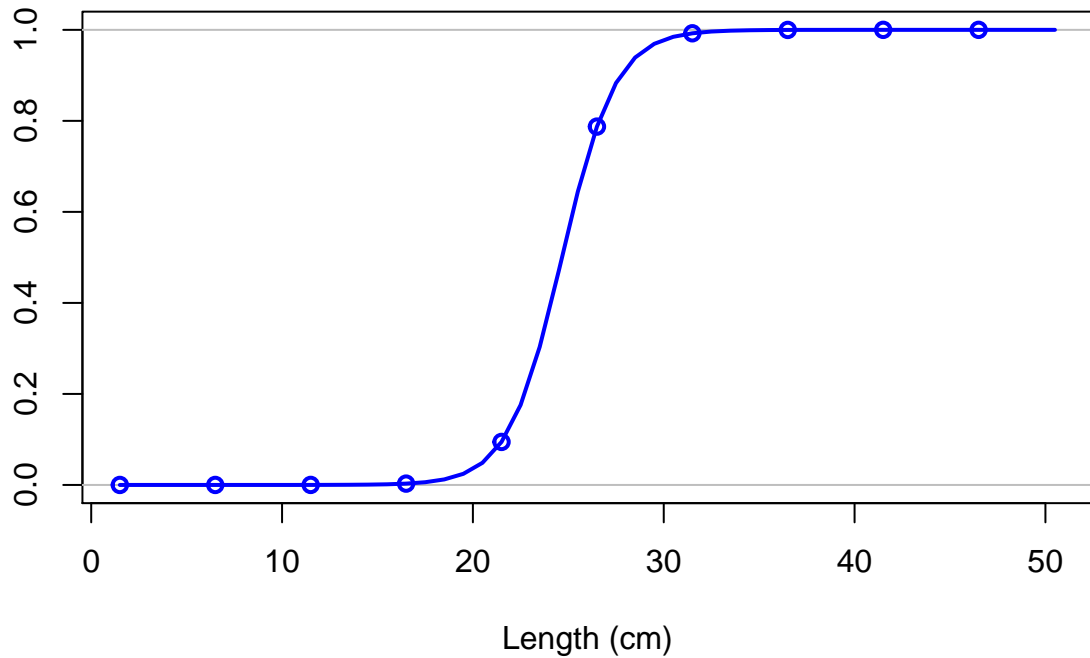




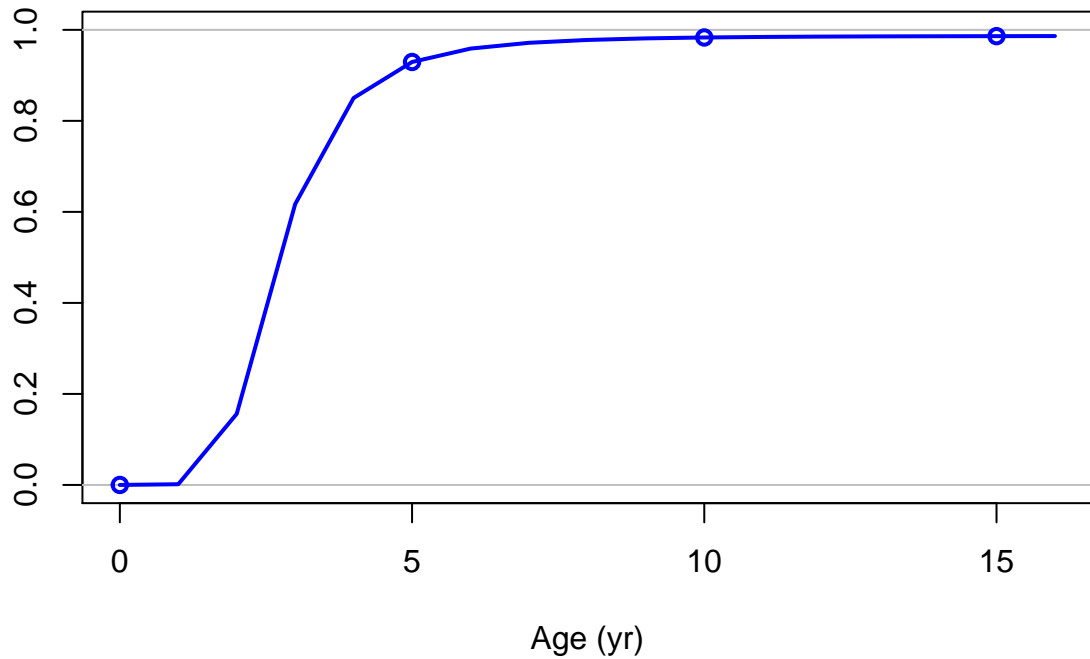




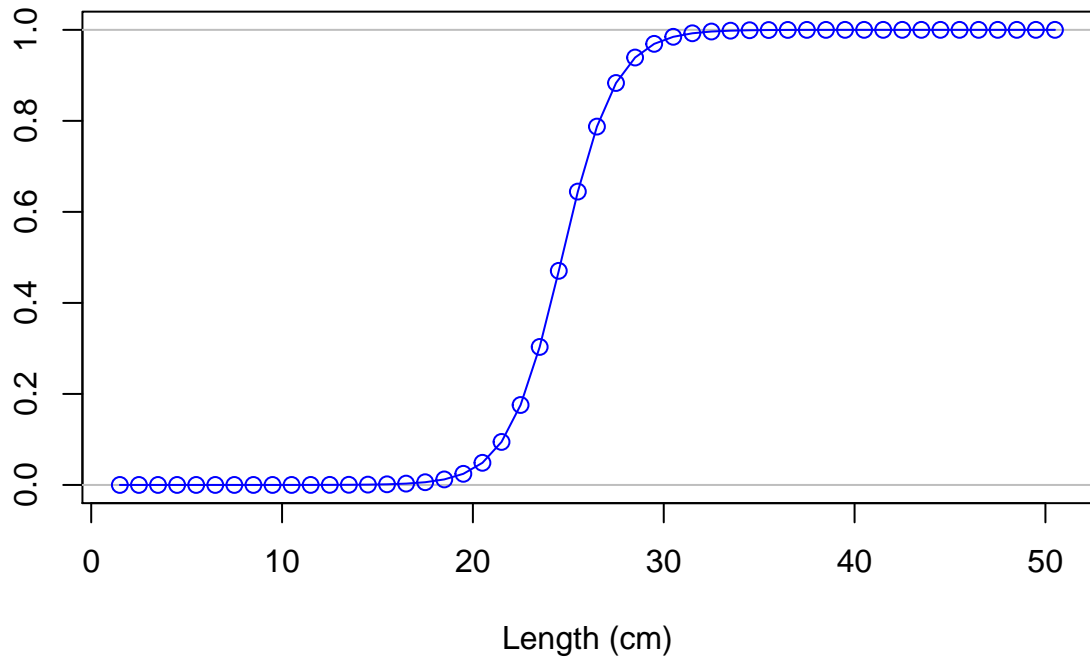
Selectivity

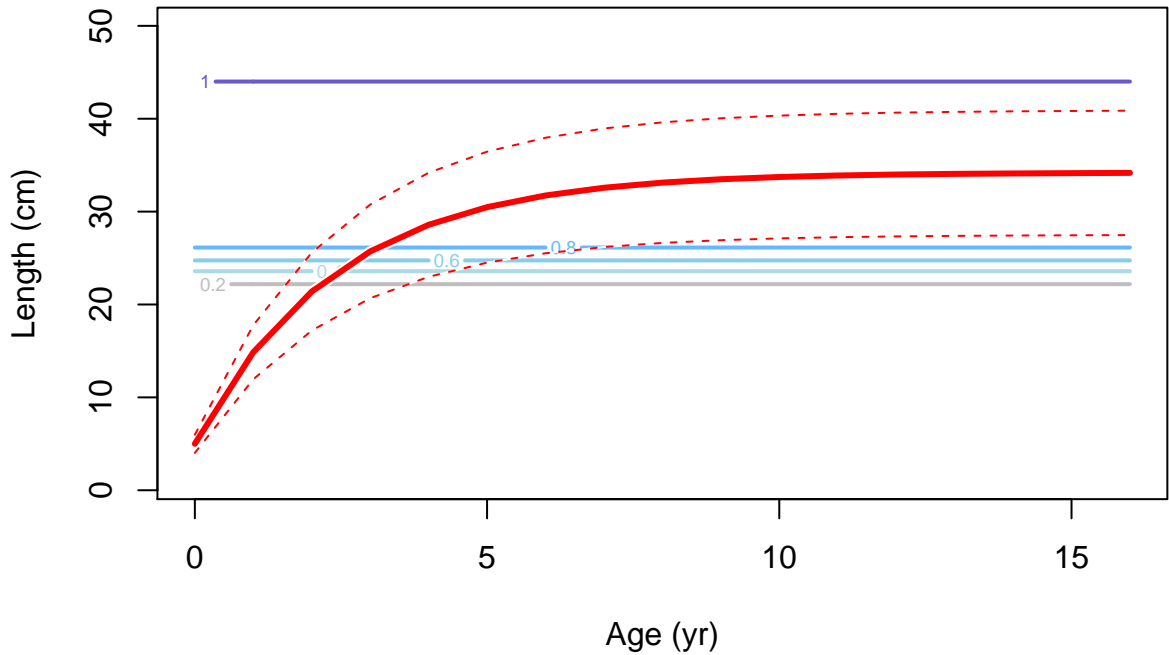


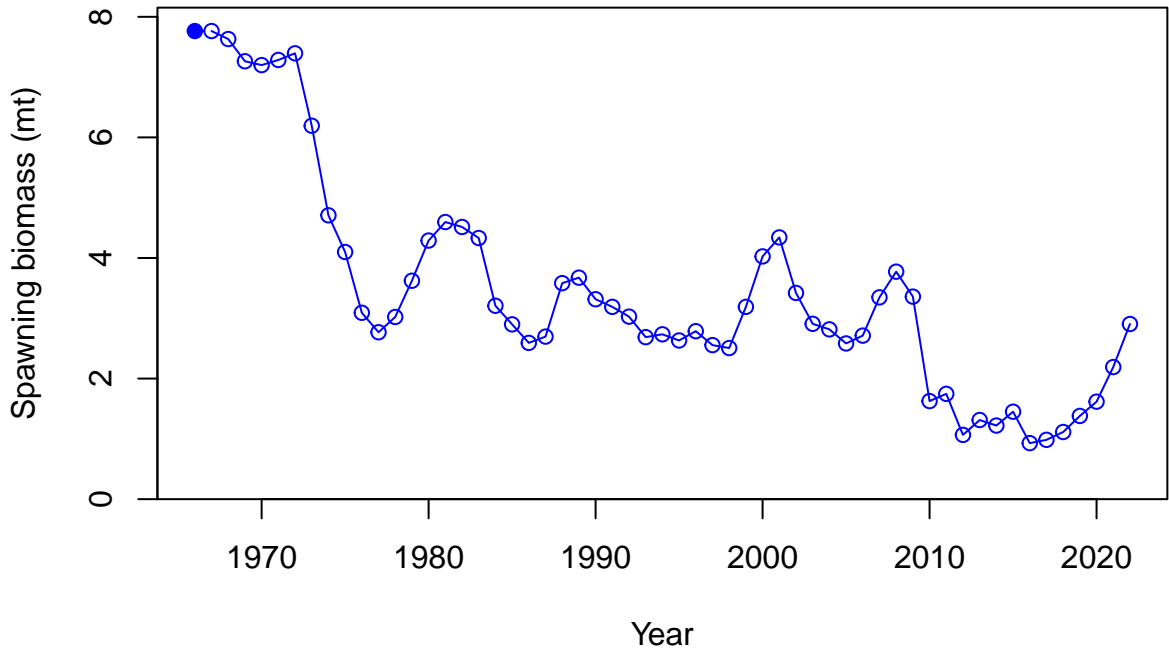
Selectivity



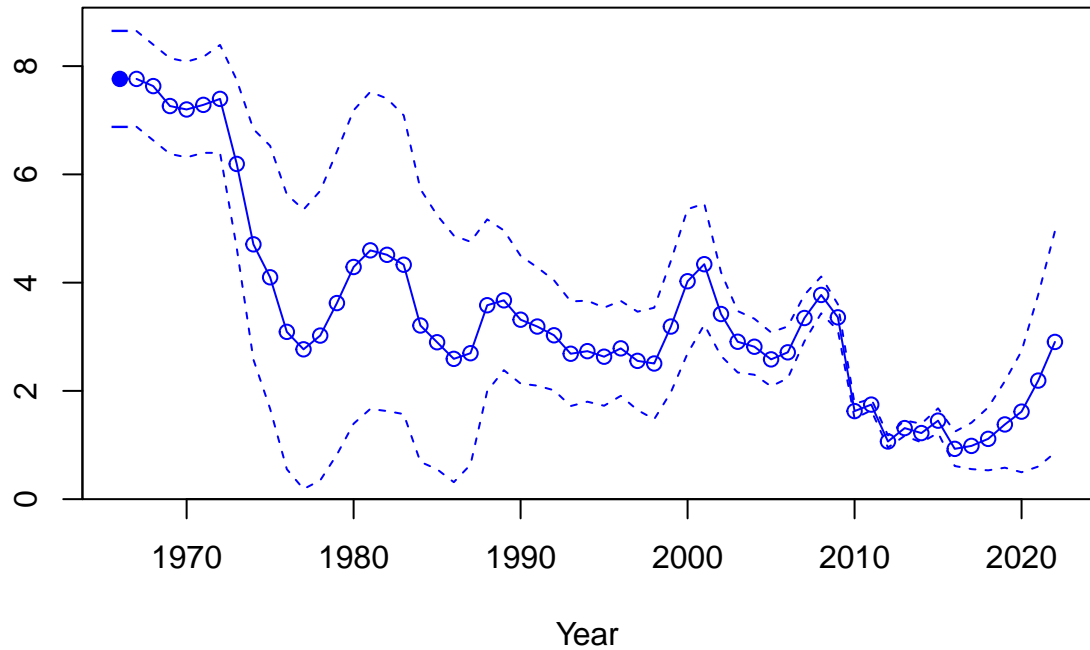
Selectivity



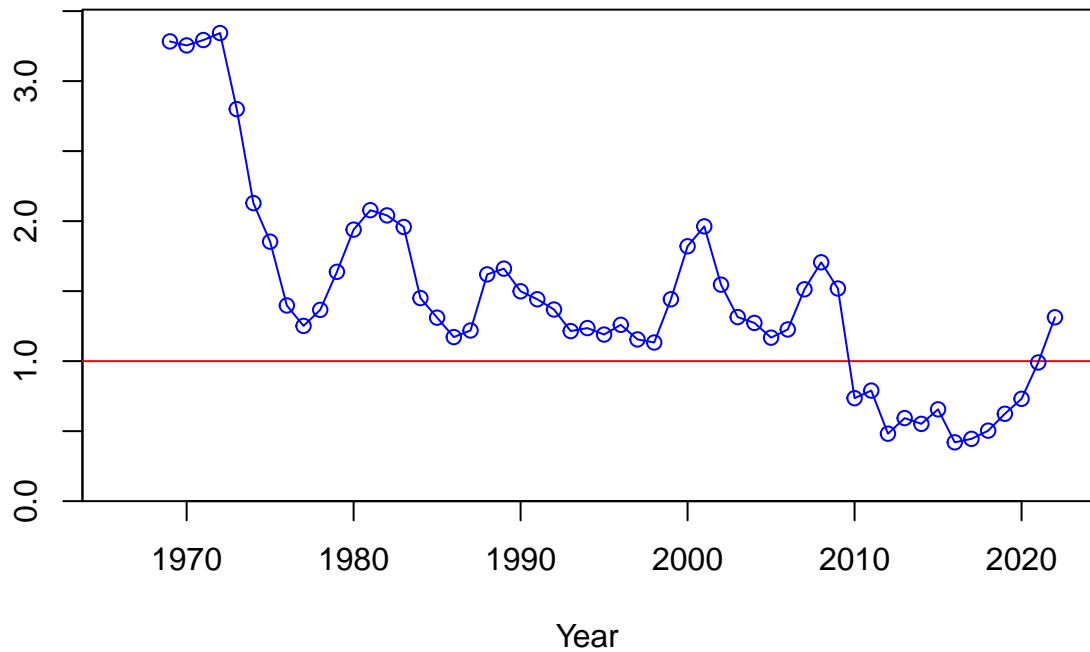




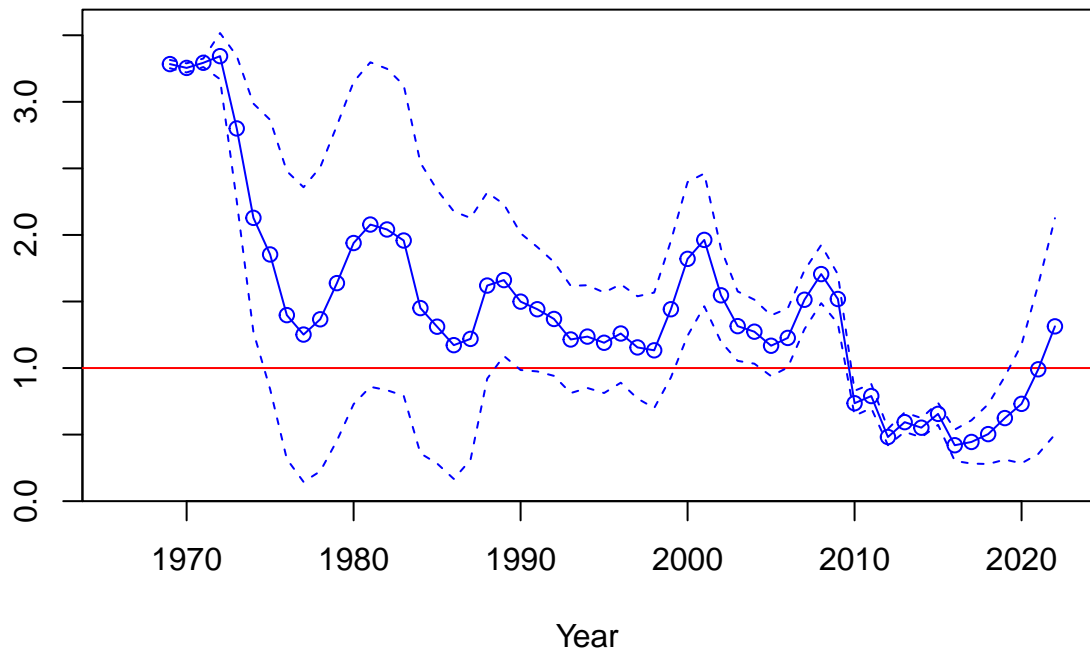
Spawning biomass (mt)

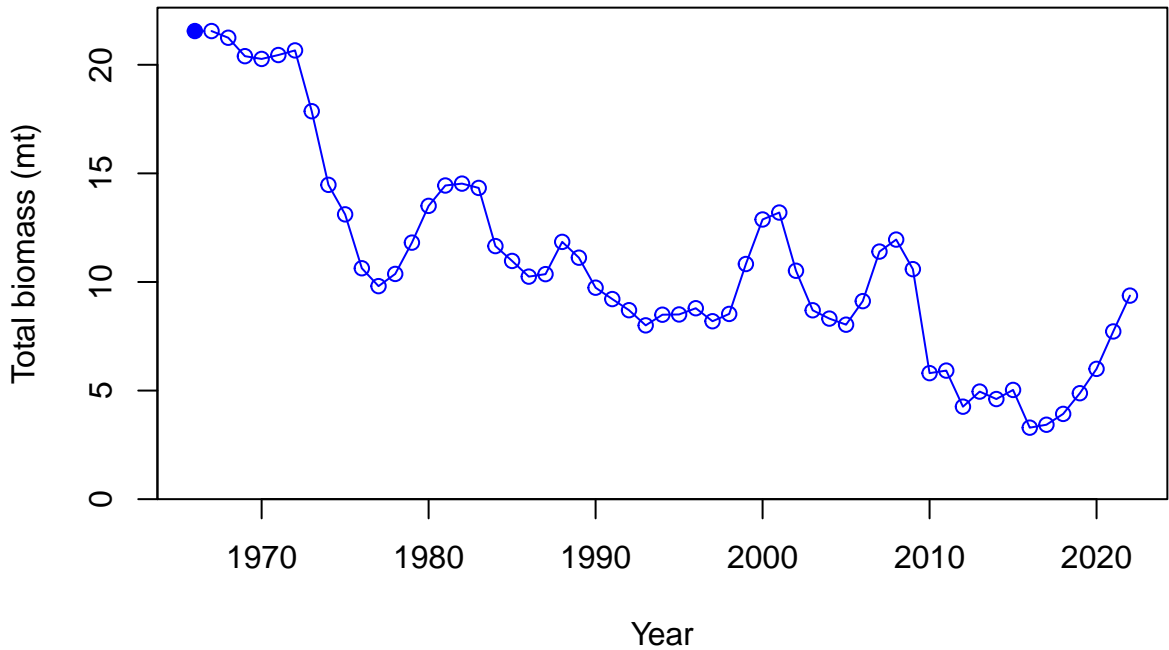


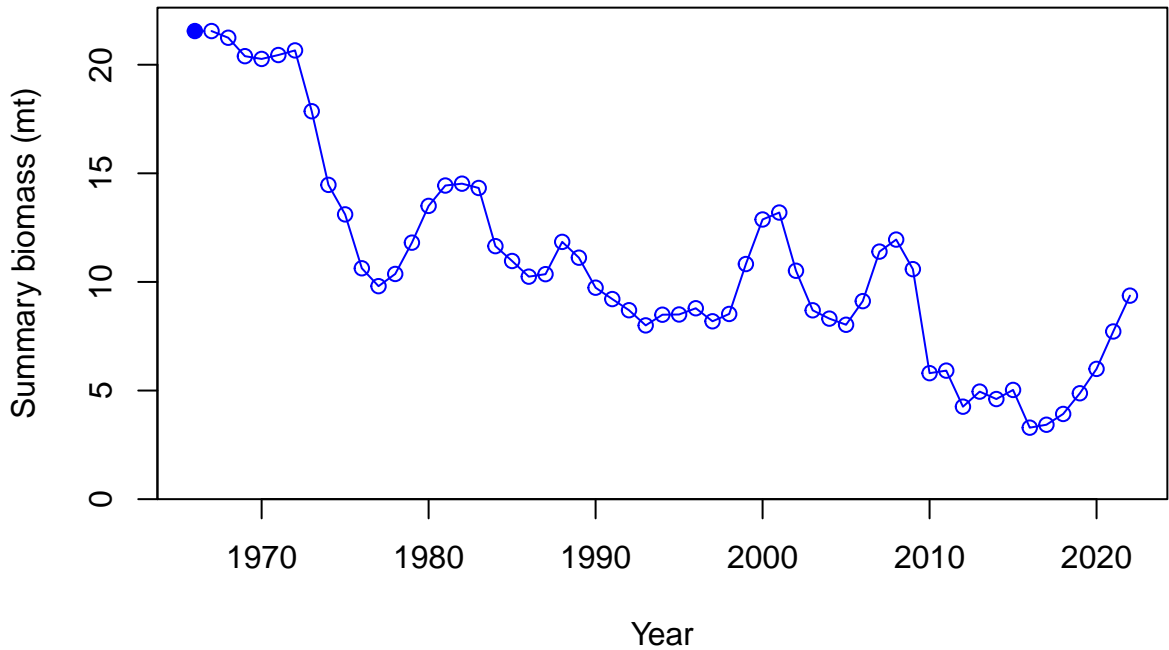
Relative spawning biomass: B/B_{MSY}



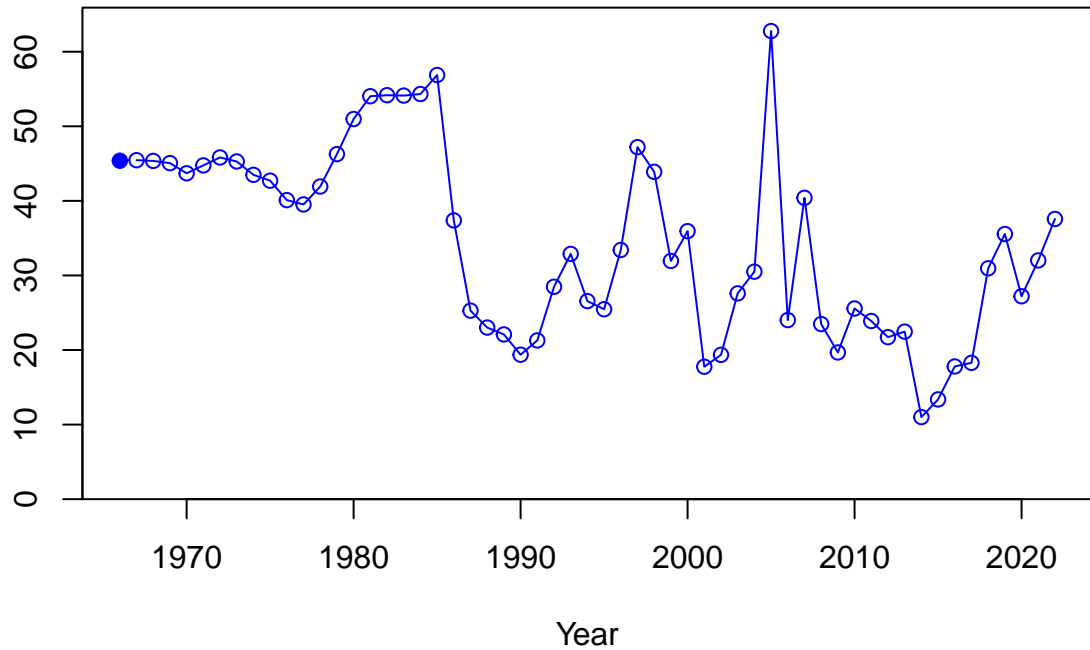
Relative spawning biomass: B/B_{MSY}



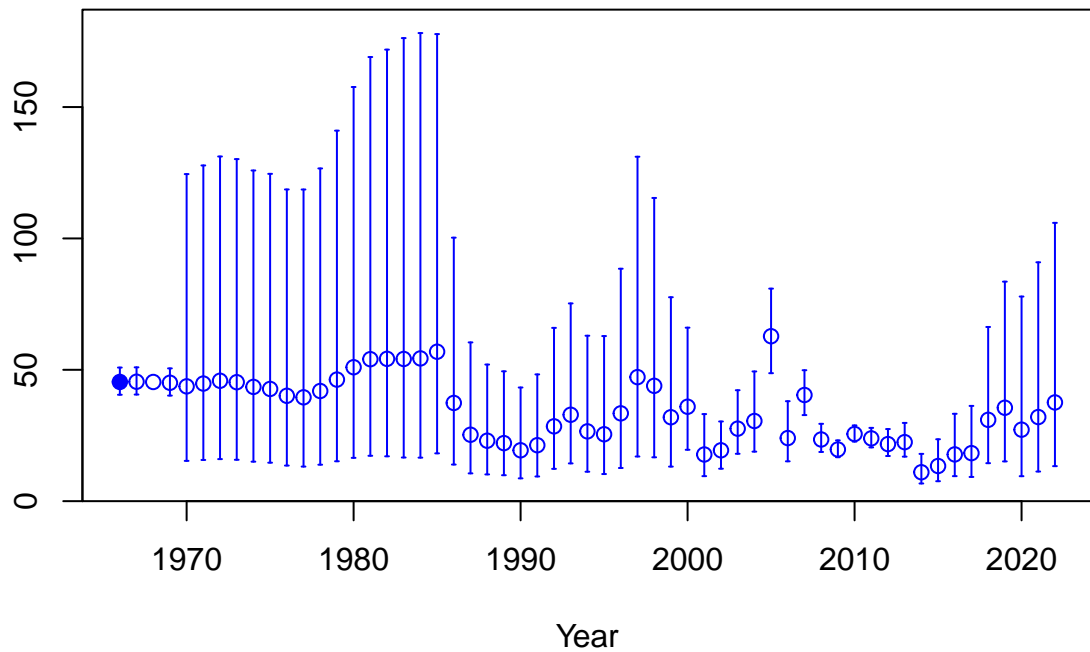




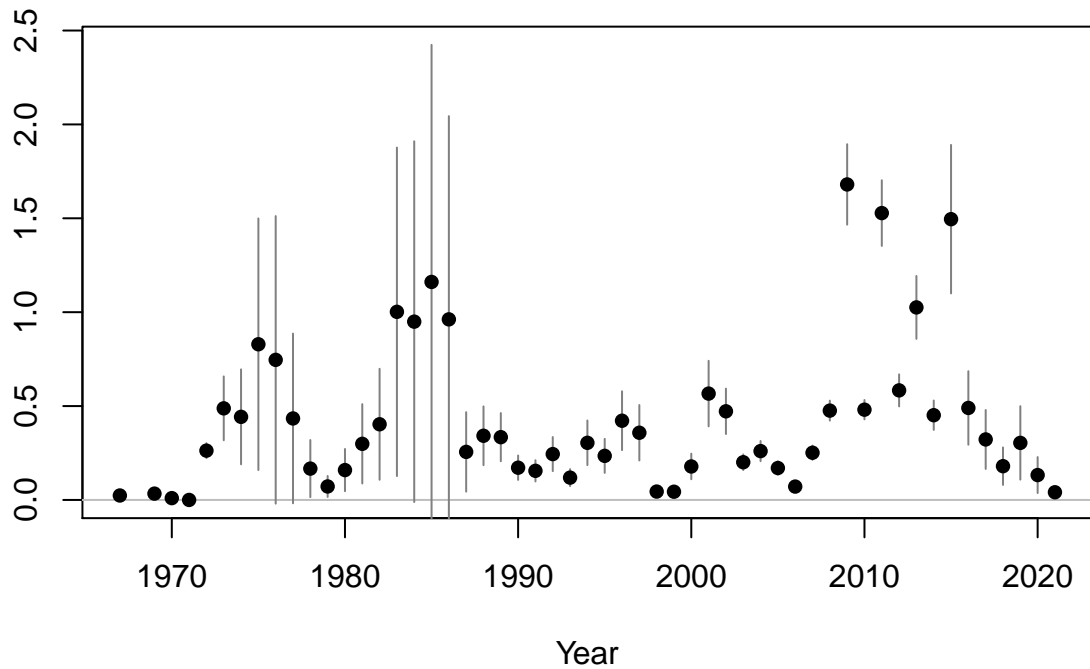
Age-0 recruits (1,000s)

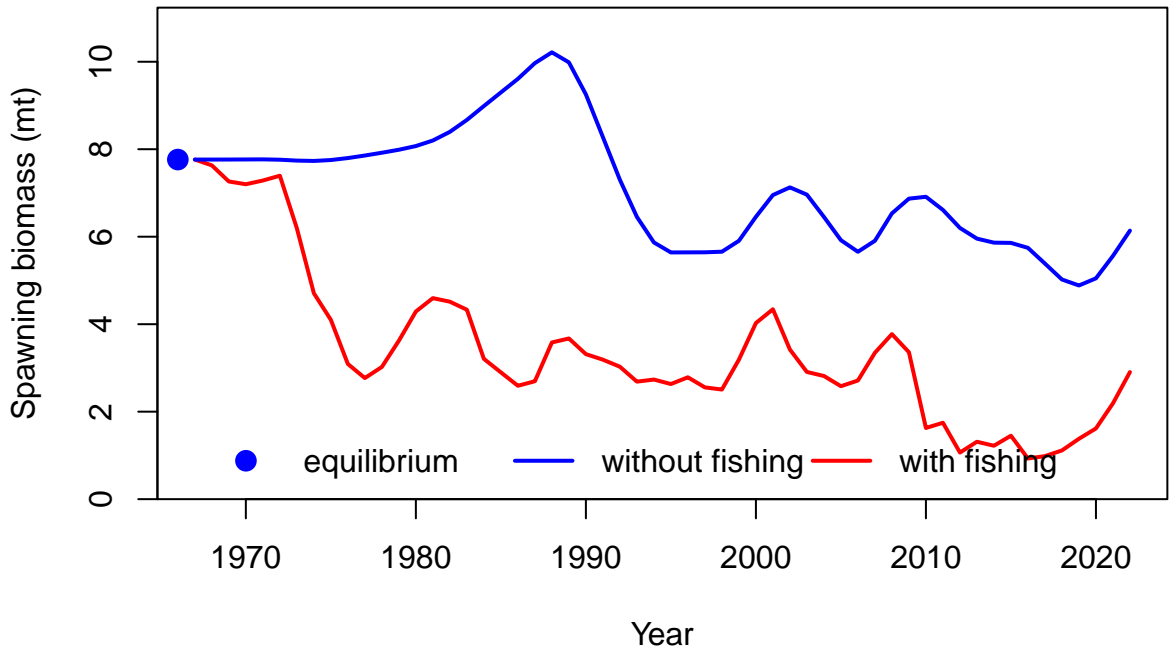


Age-0 recruits (1,000s)

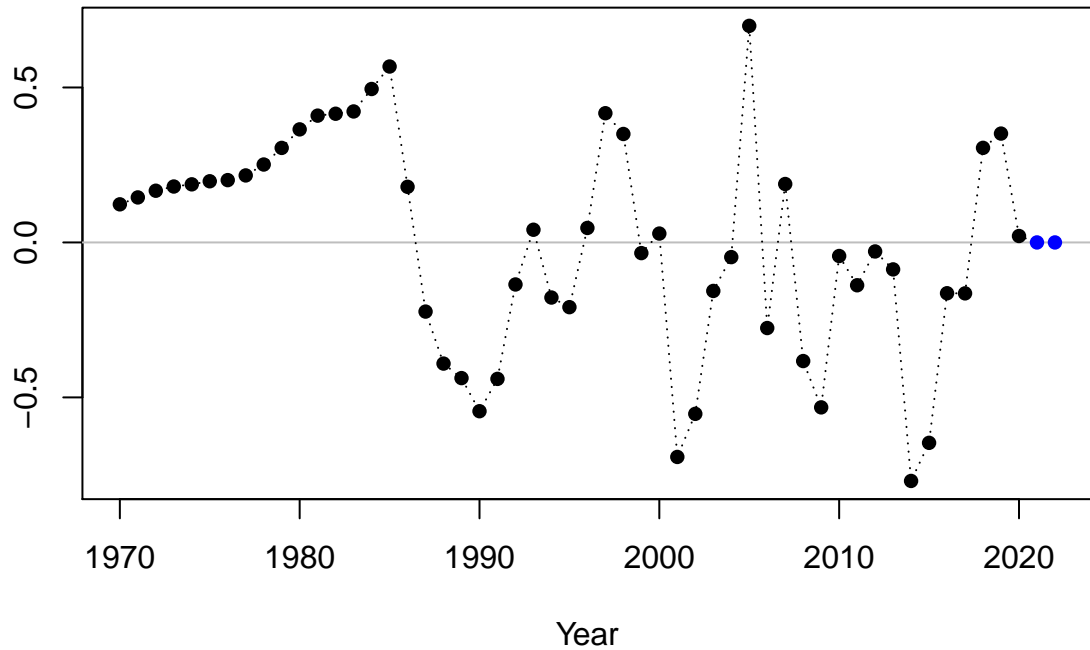


Summary Fishing Mortality

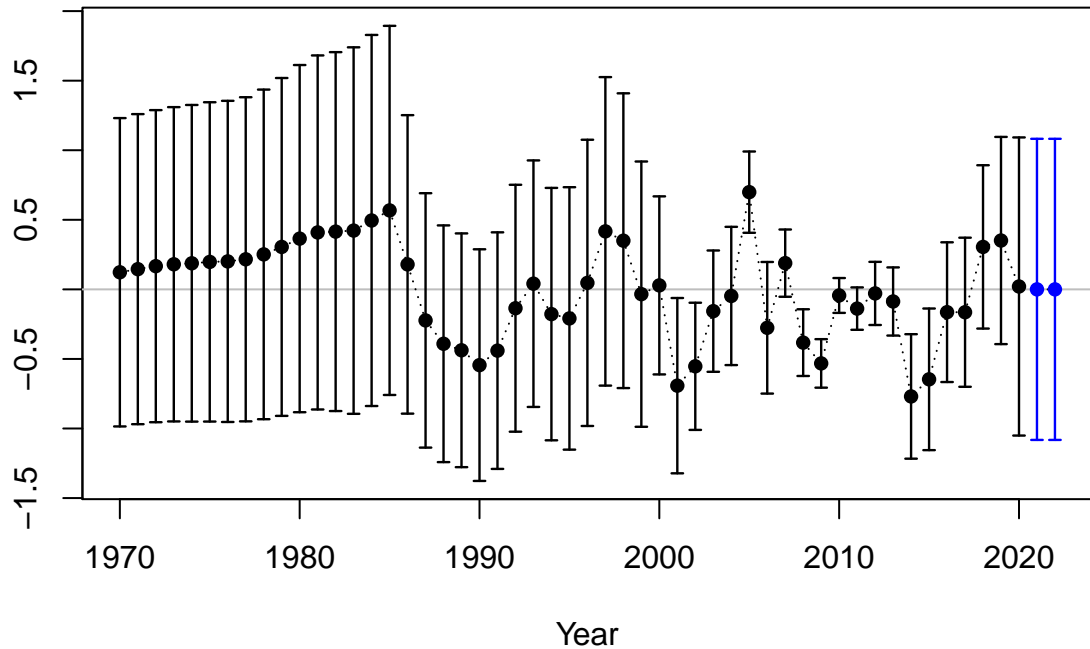




Log recruitment deviation

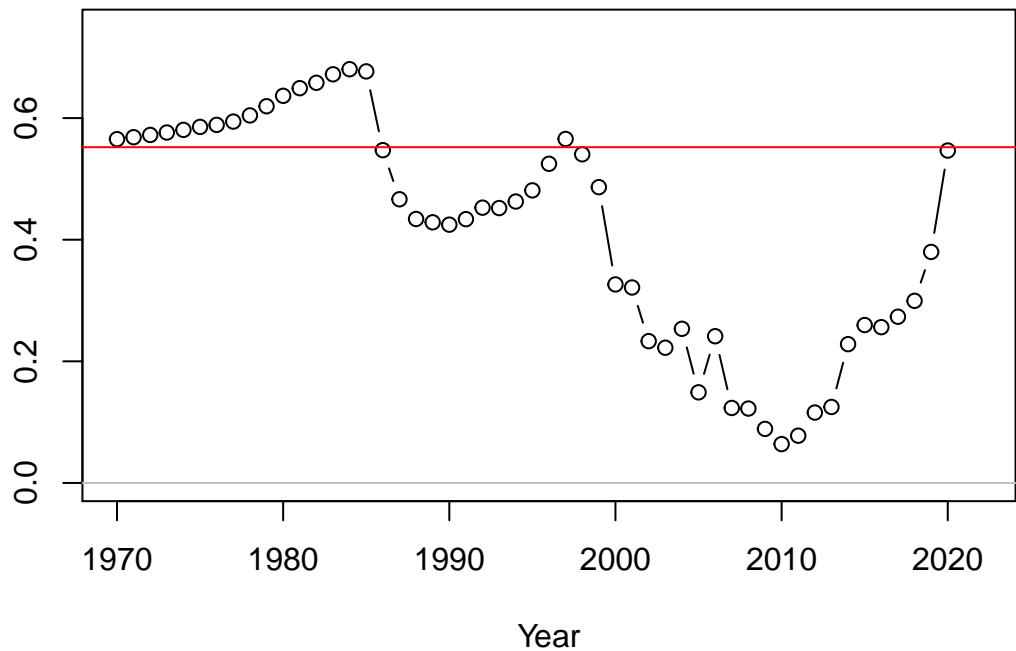


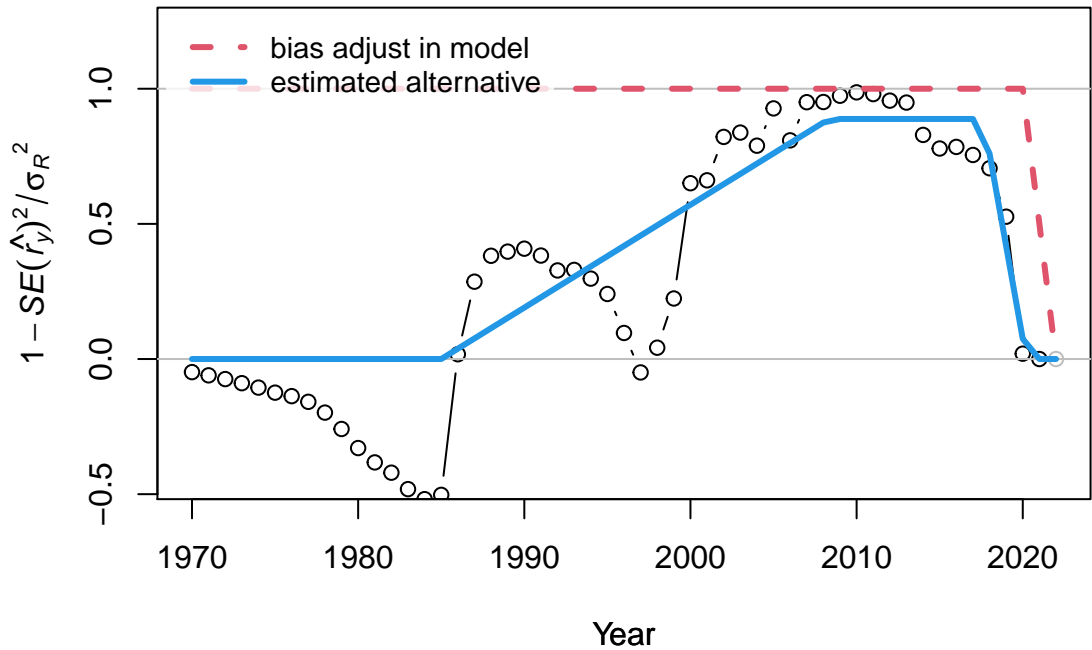
Log recruitment deviation

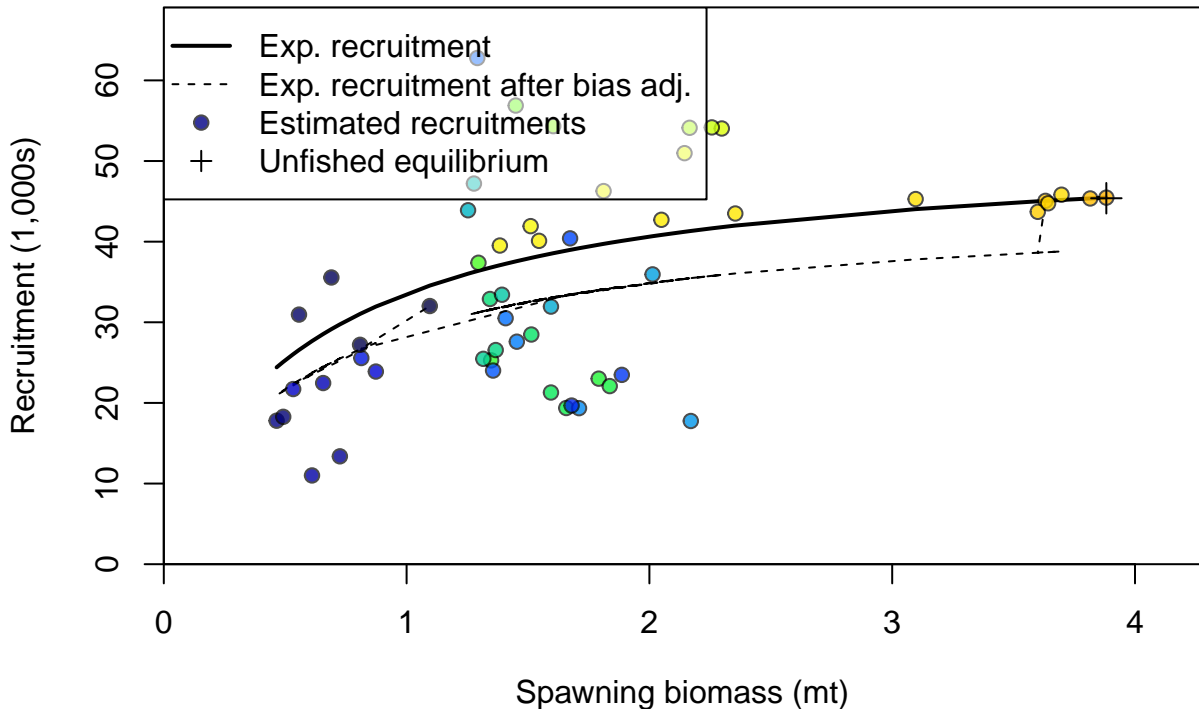


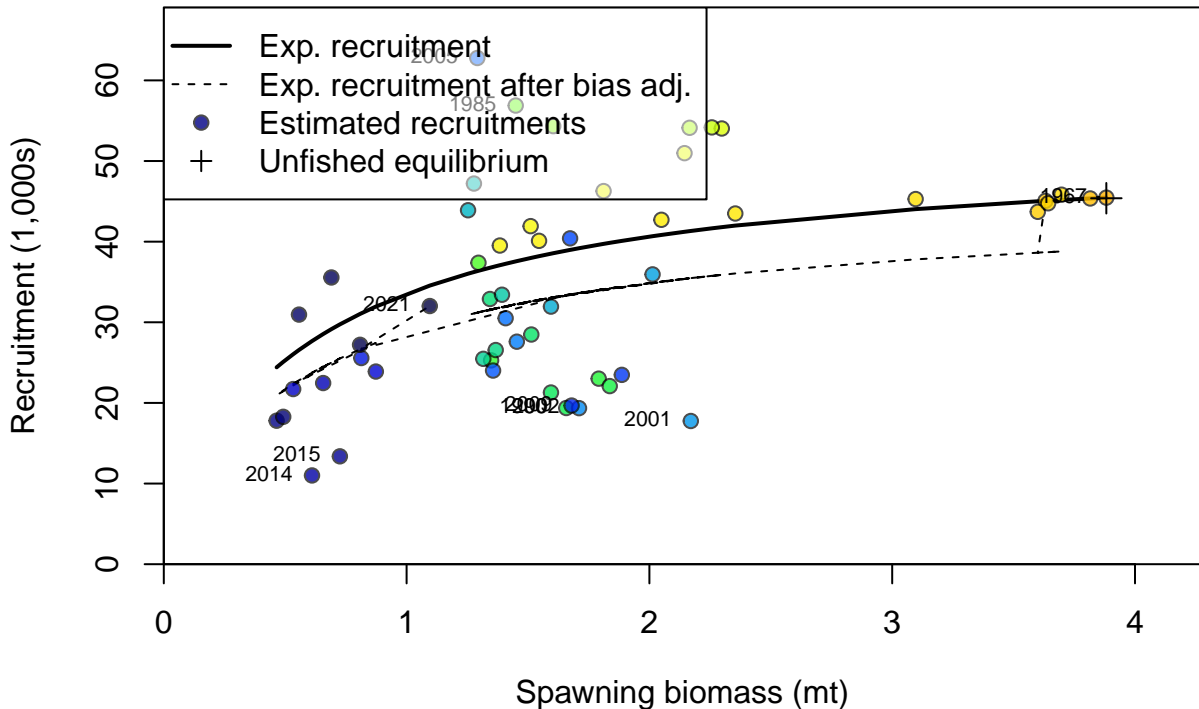
Recruitment deviation variance

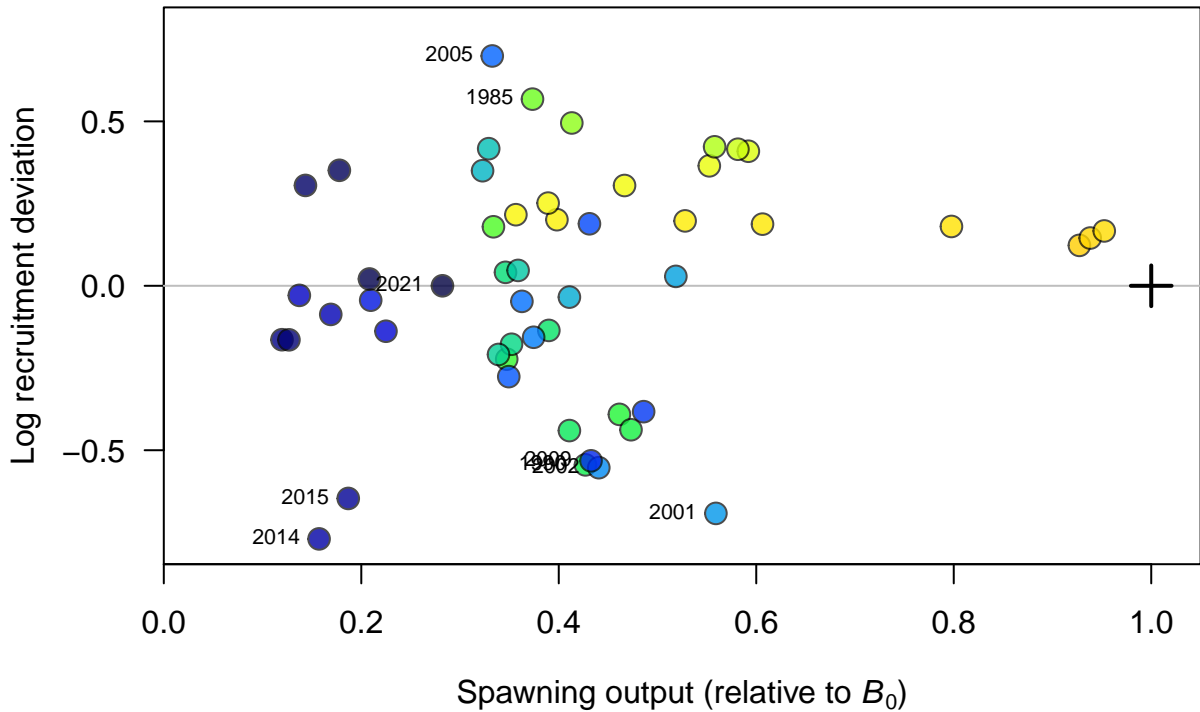
Asymptotic standard error estimate

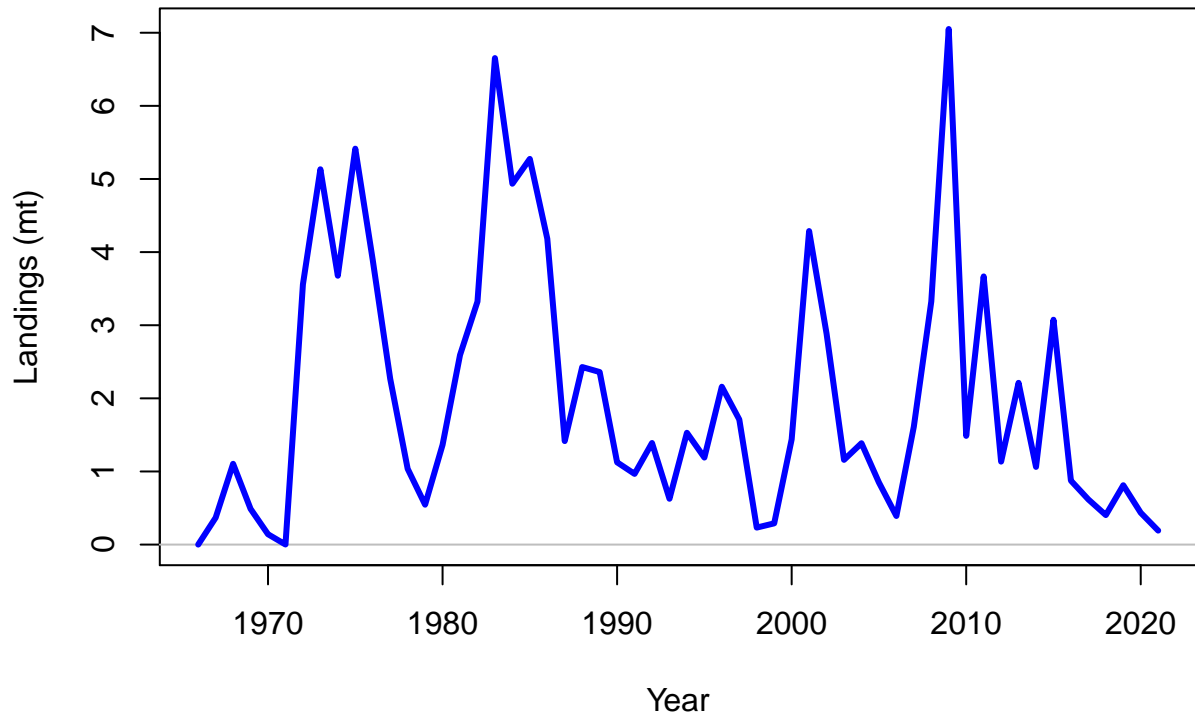


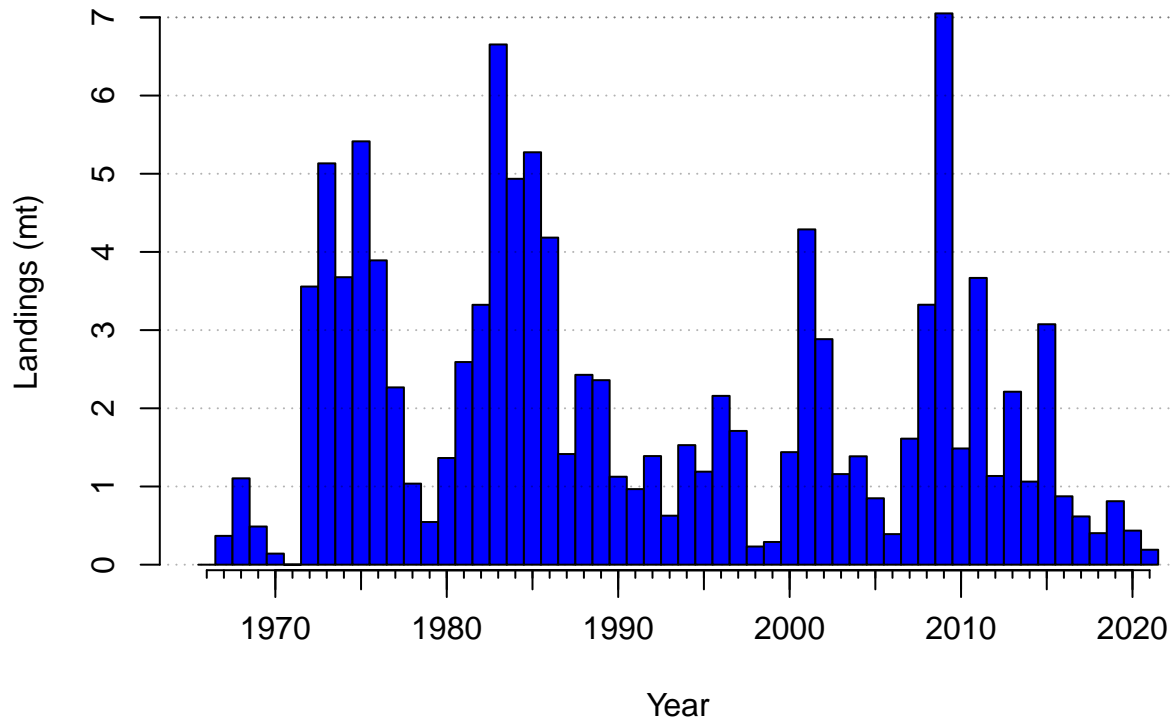




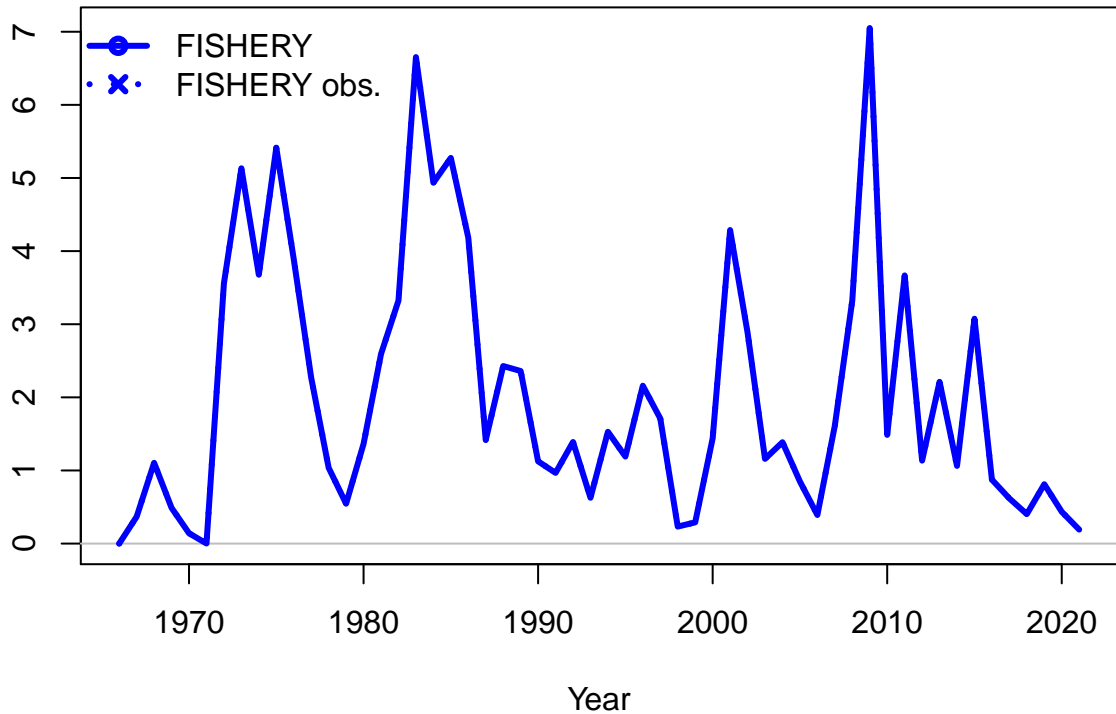


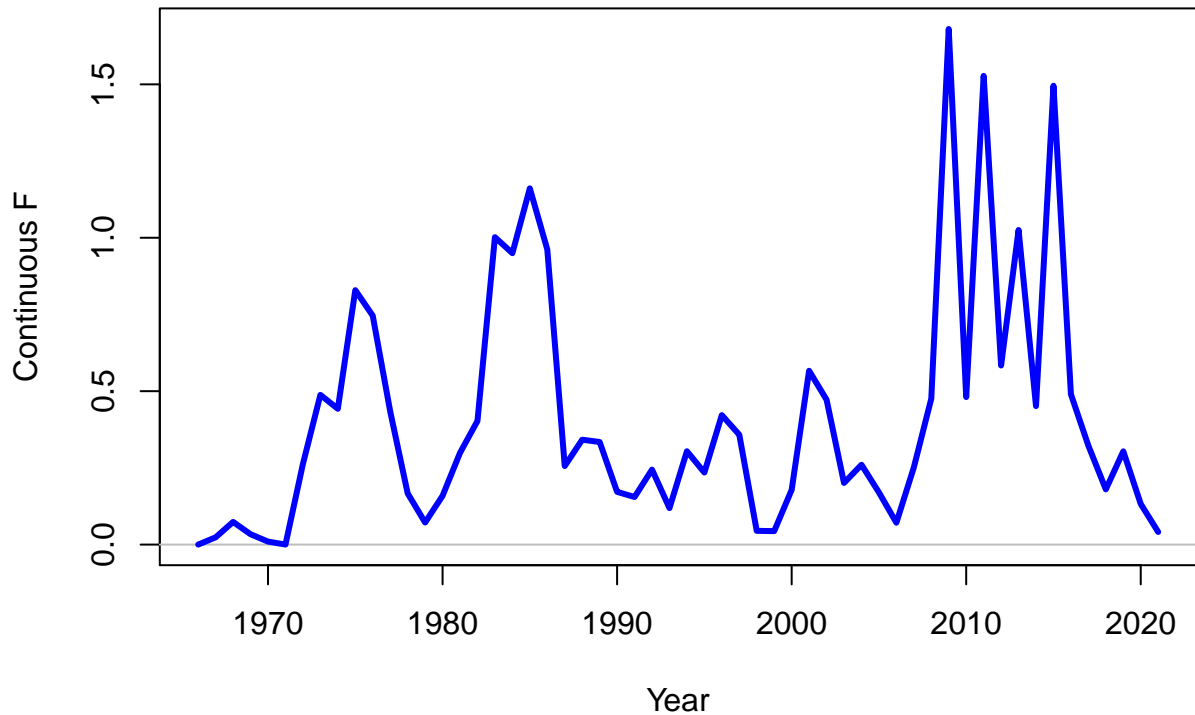




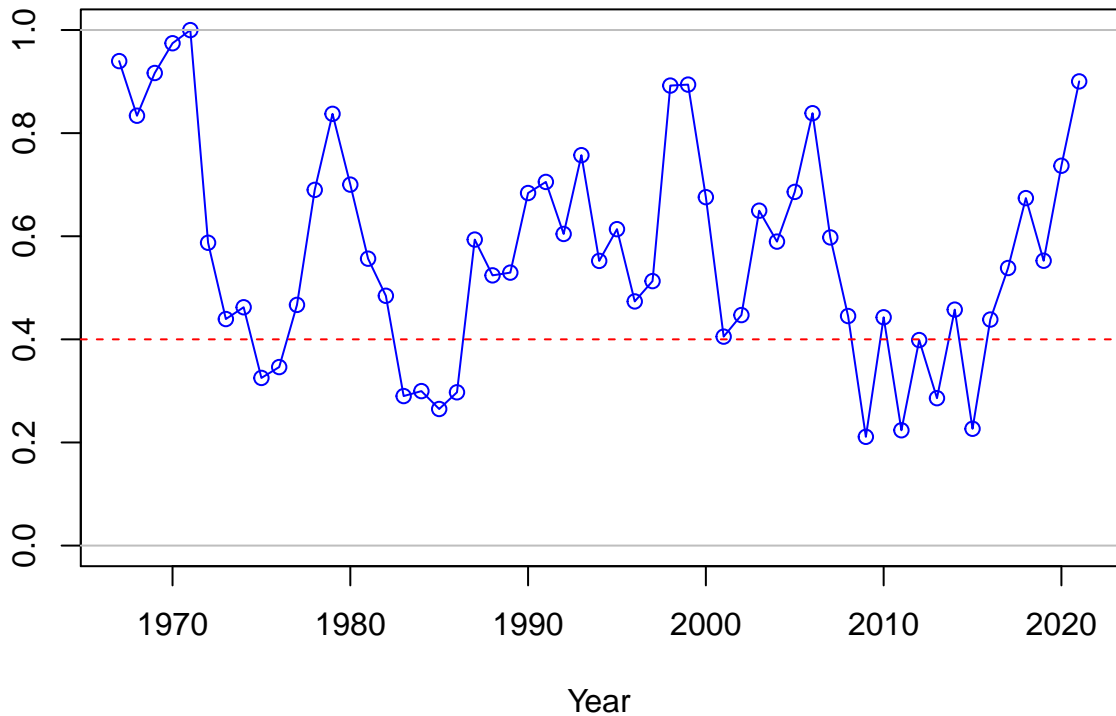


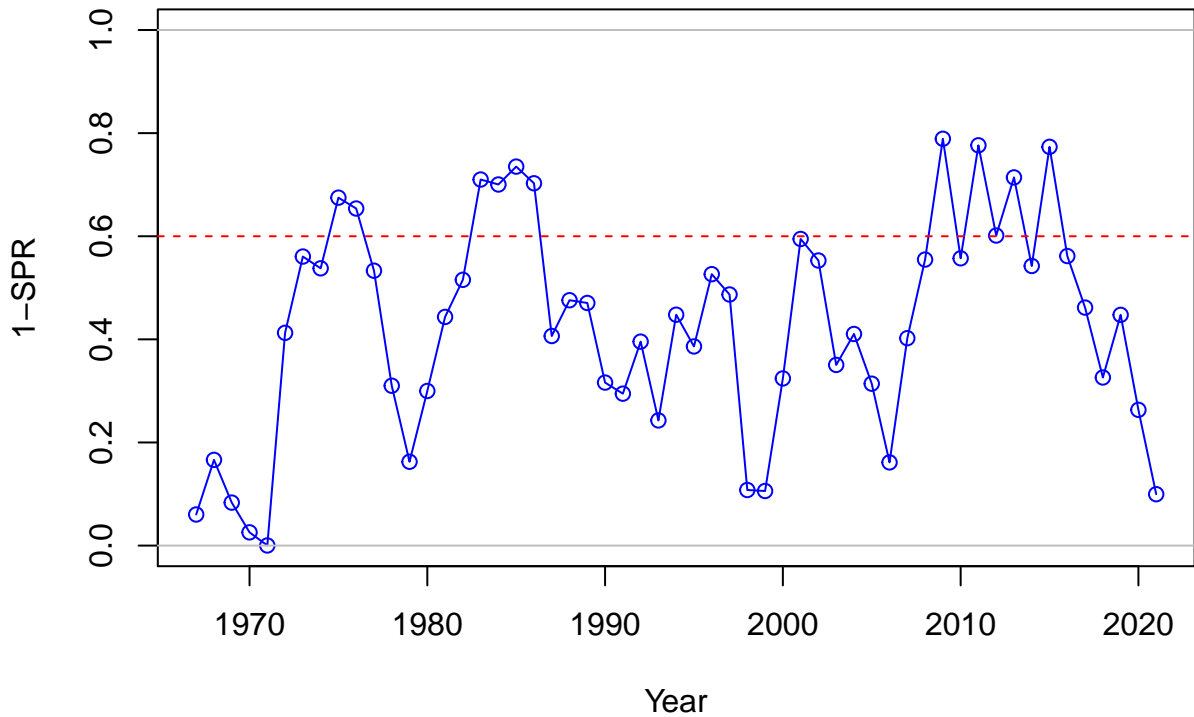
Observed and expected Landings (mt)



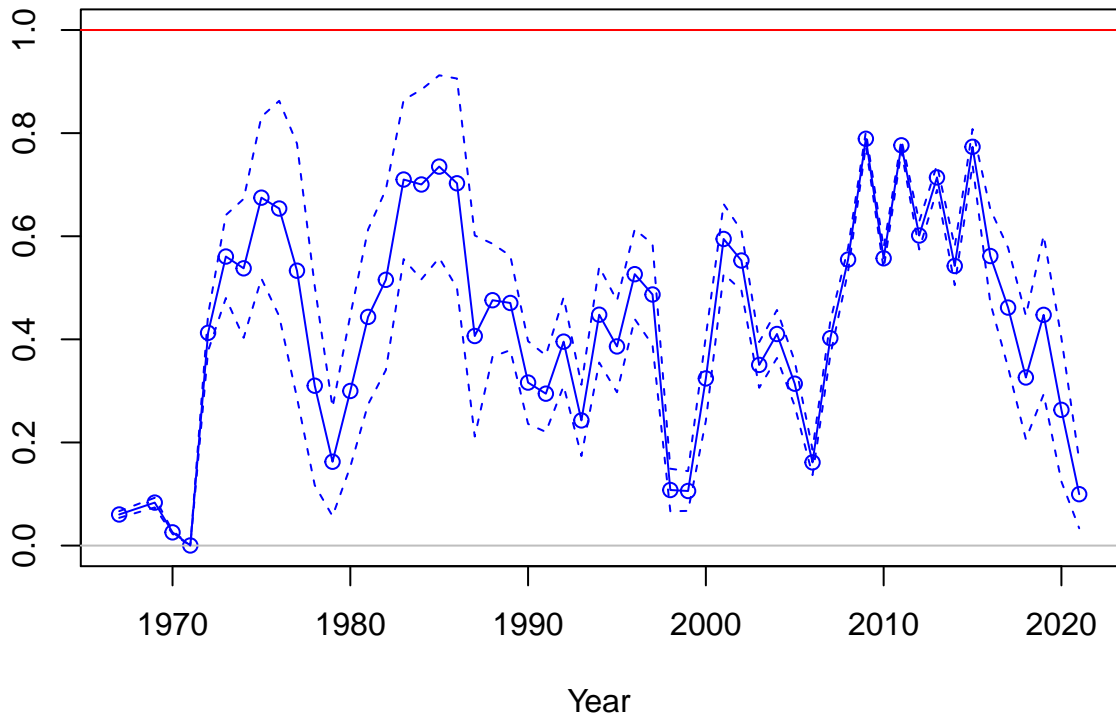


SPR

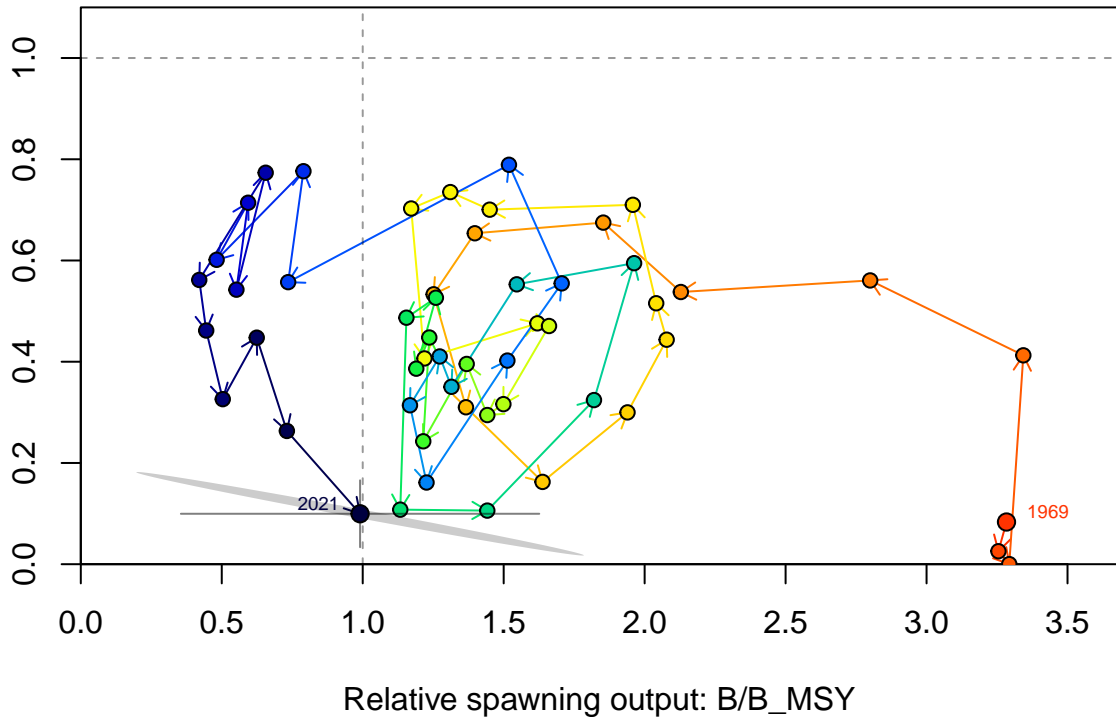




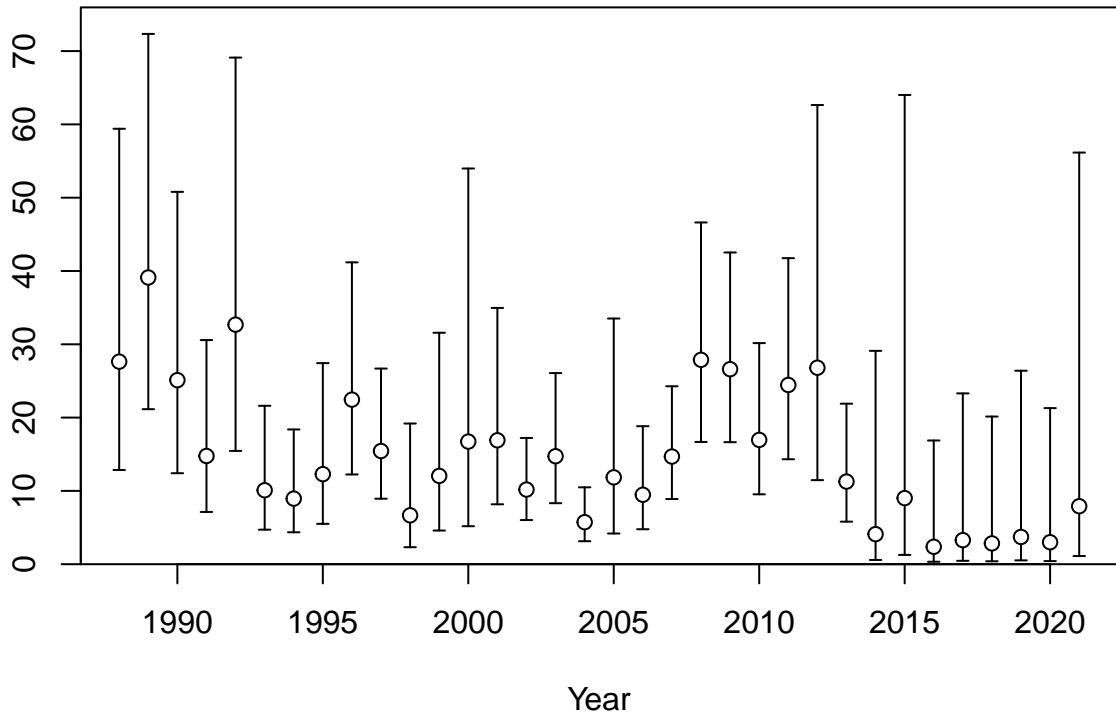
Fishing intensity: 1-SPR



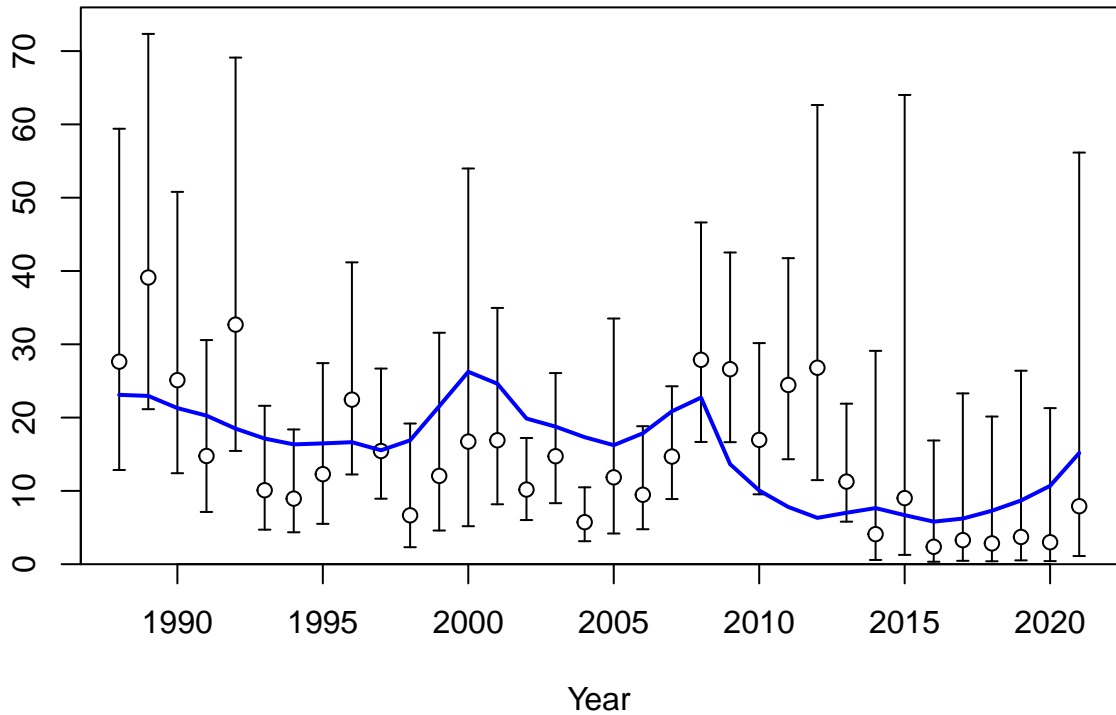
Fishing intensity: 1-SPR

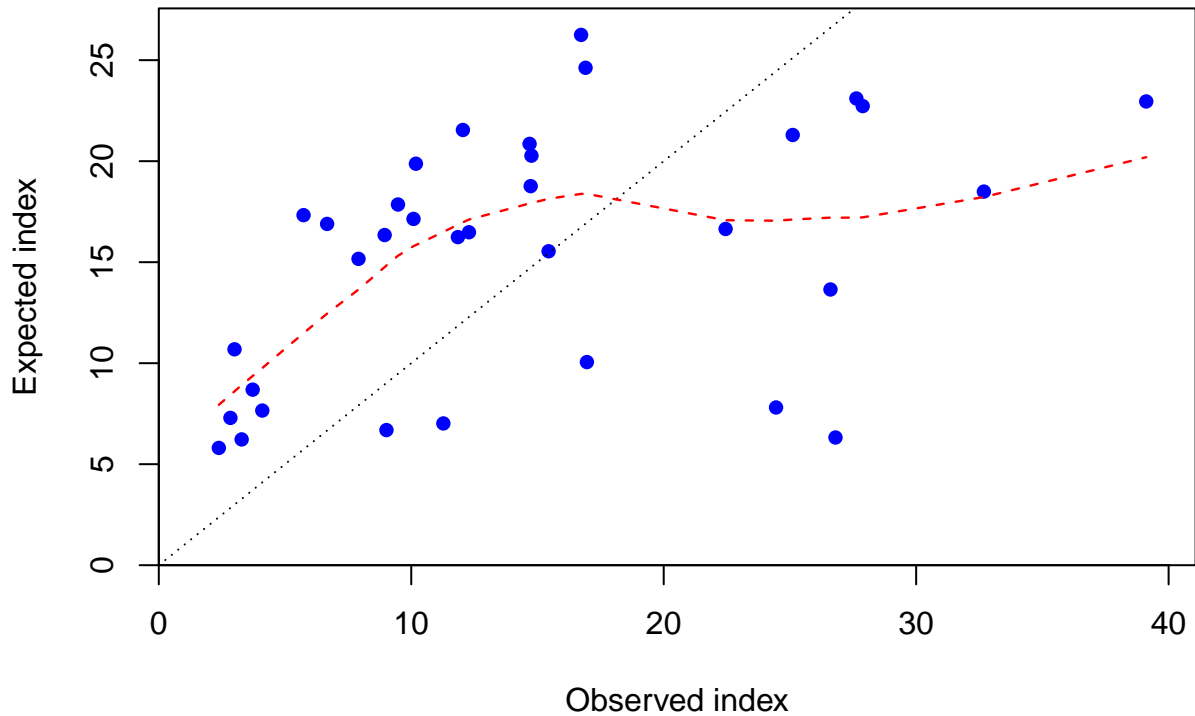


Index

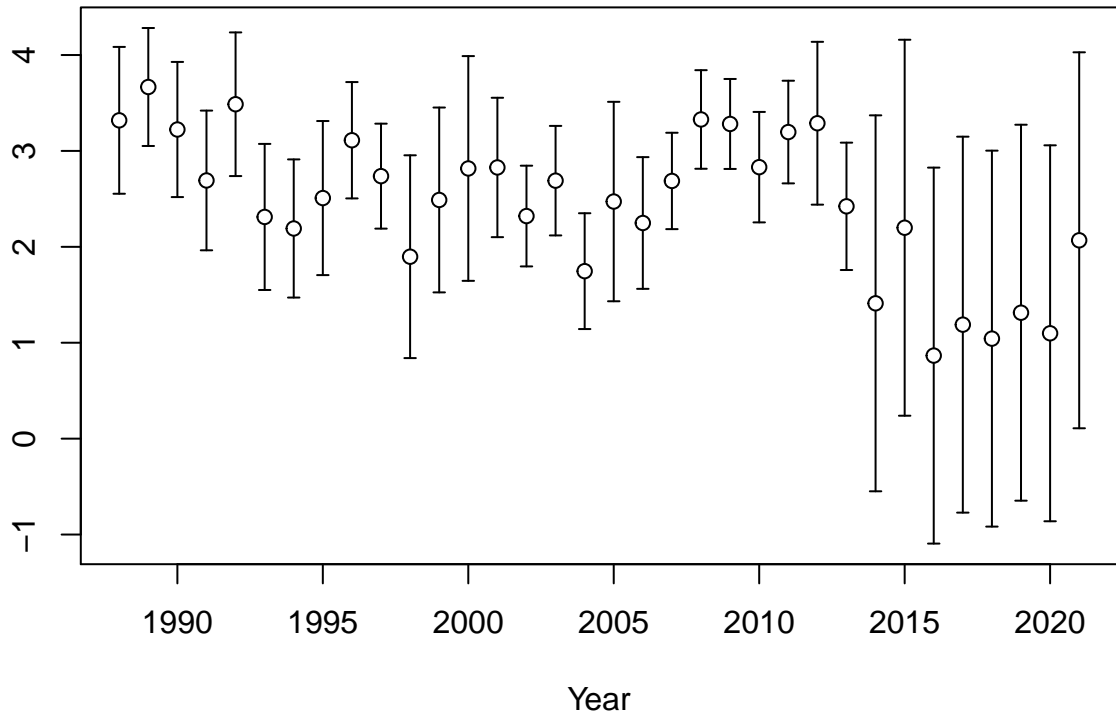


Index

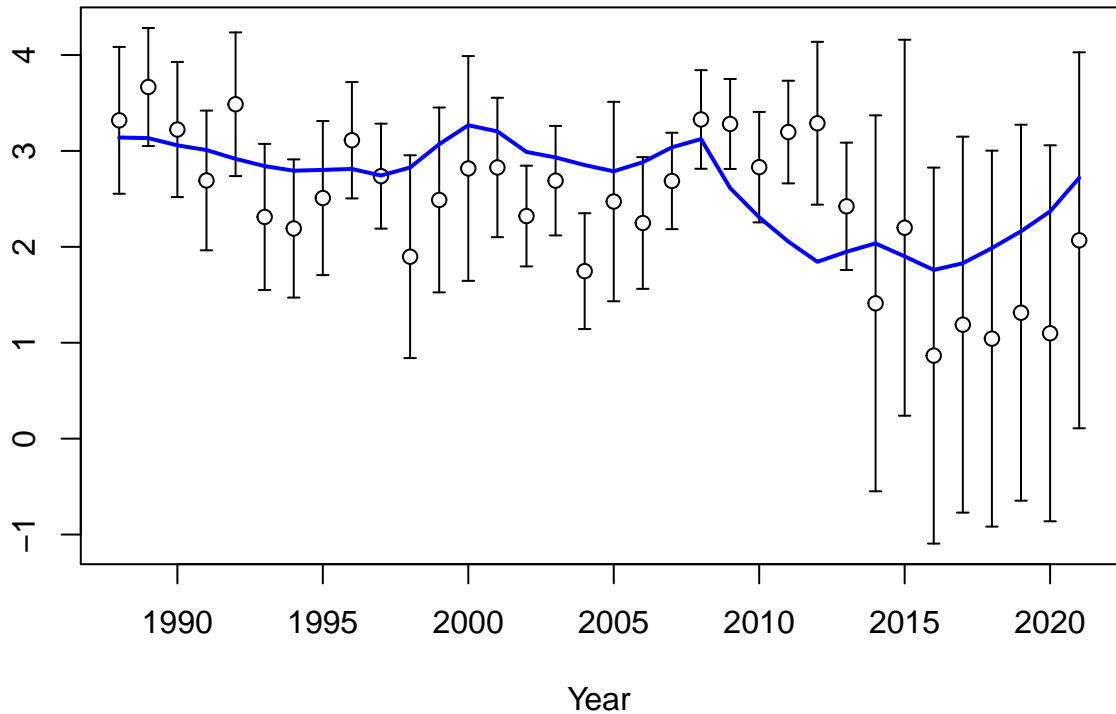


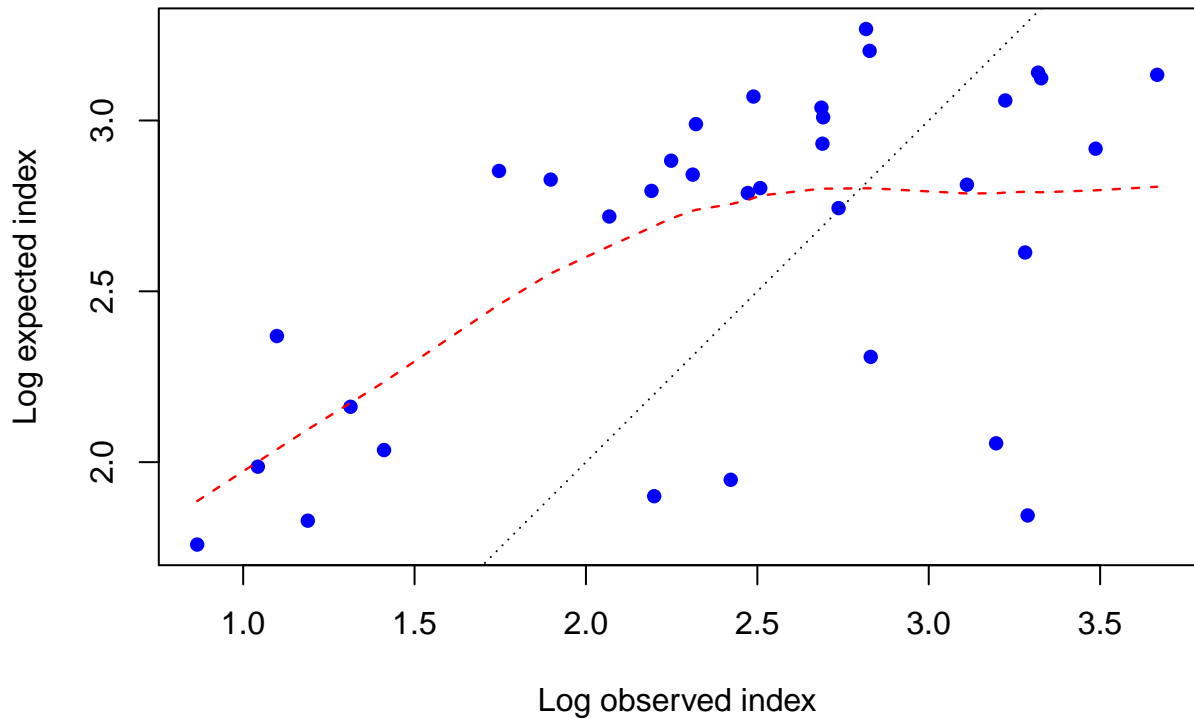


Log index



Log index





Effective catchability

3.252598
3.252594
3.252590

2

3

4

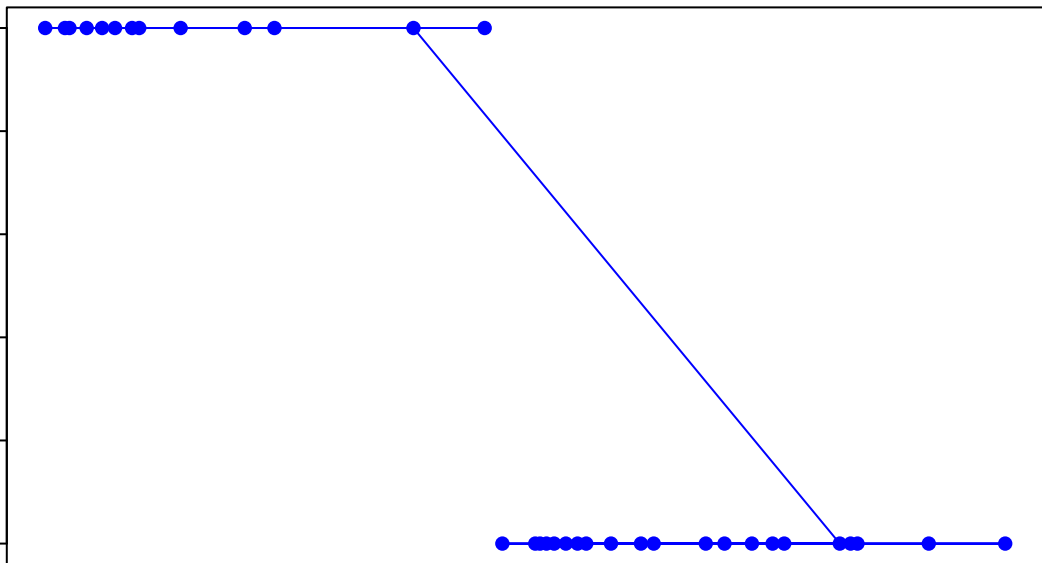
5

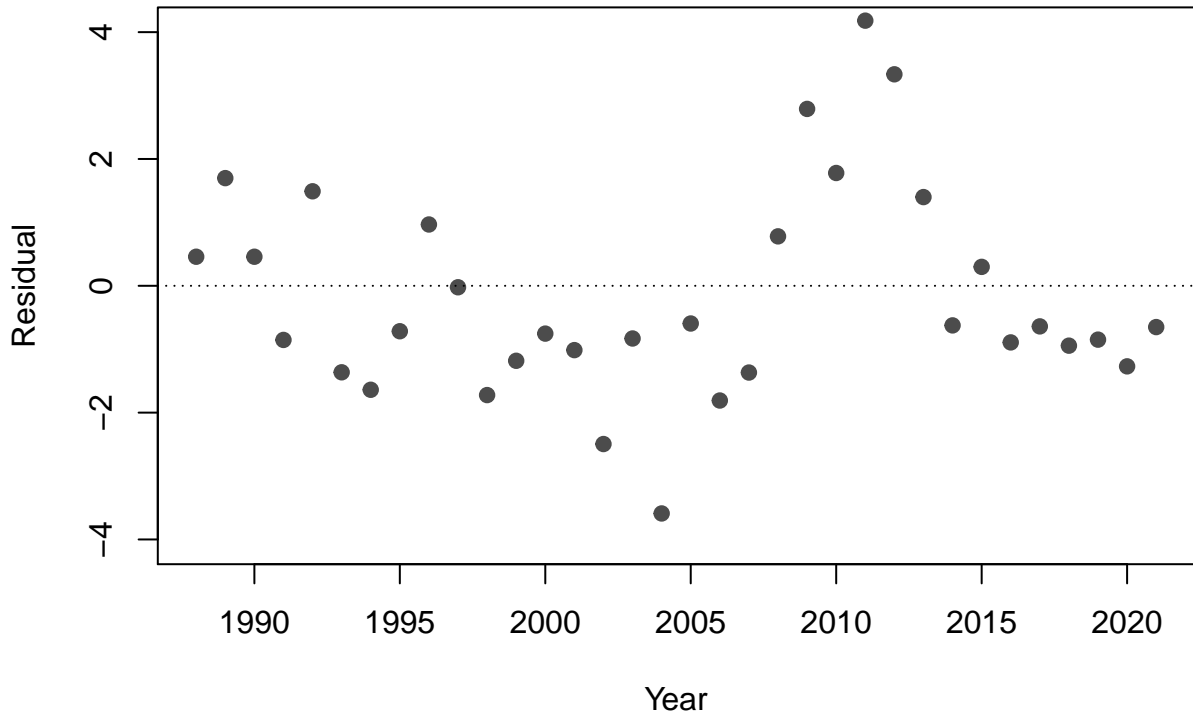
6

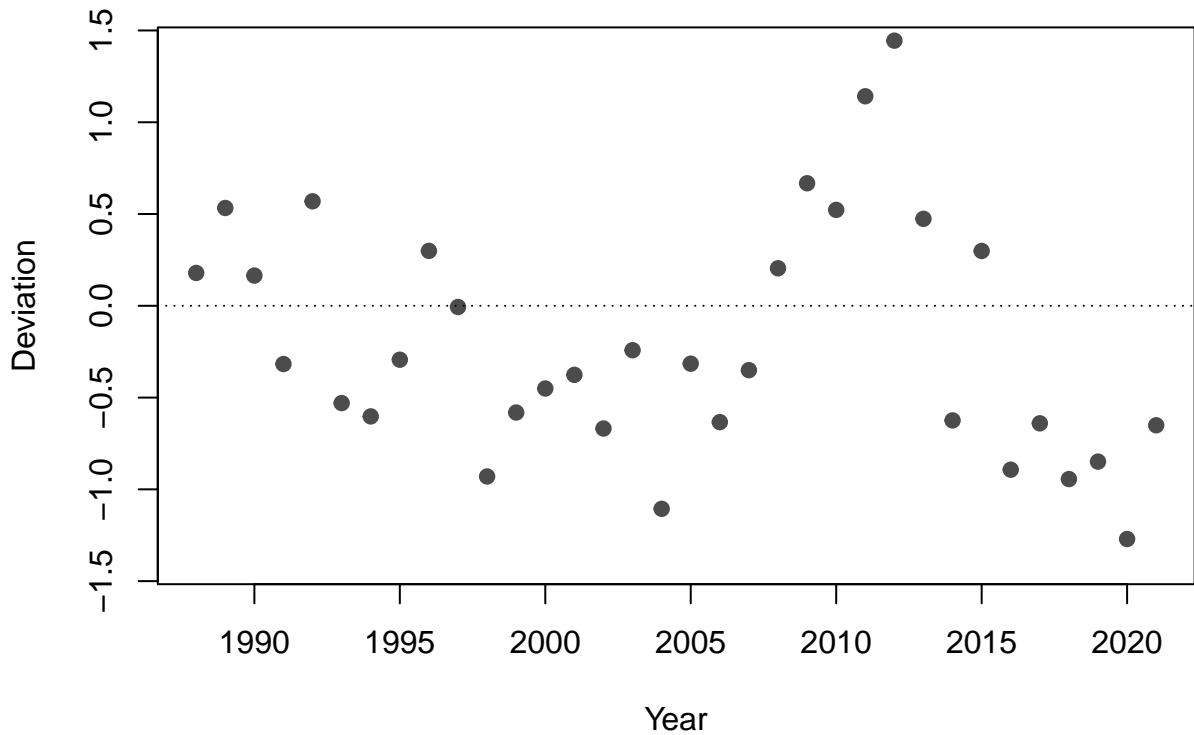
7

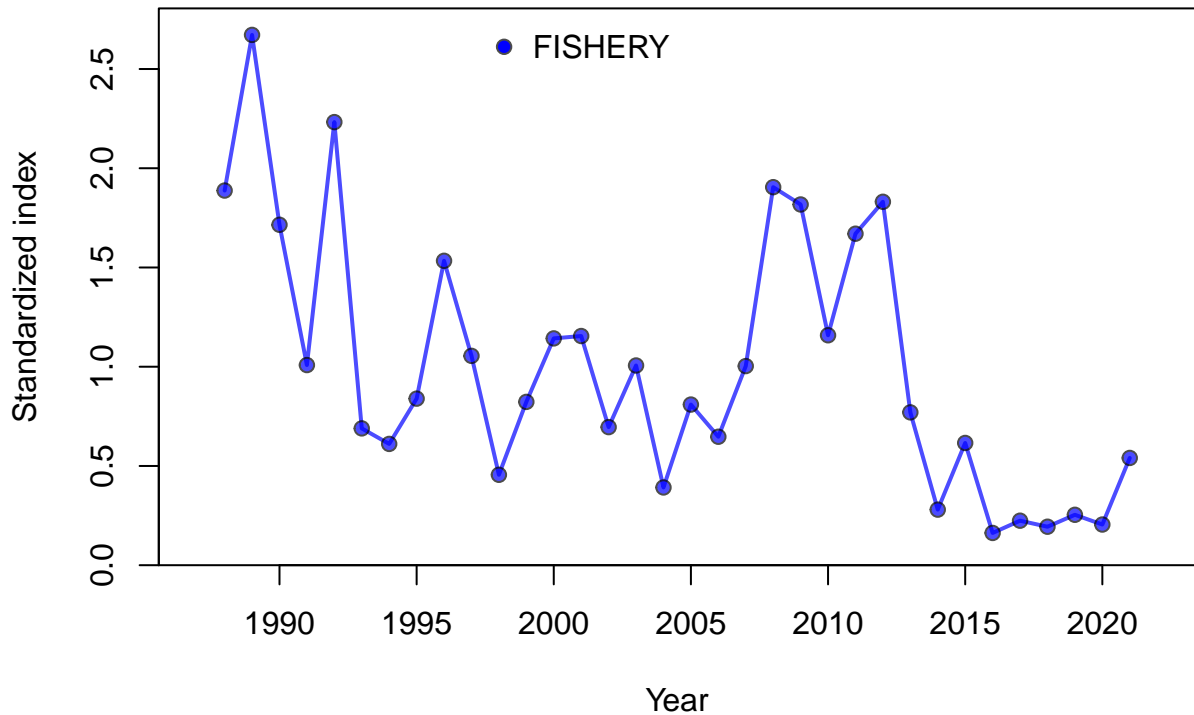
8

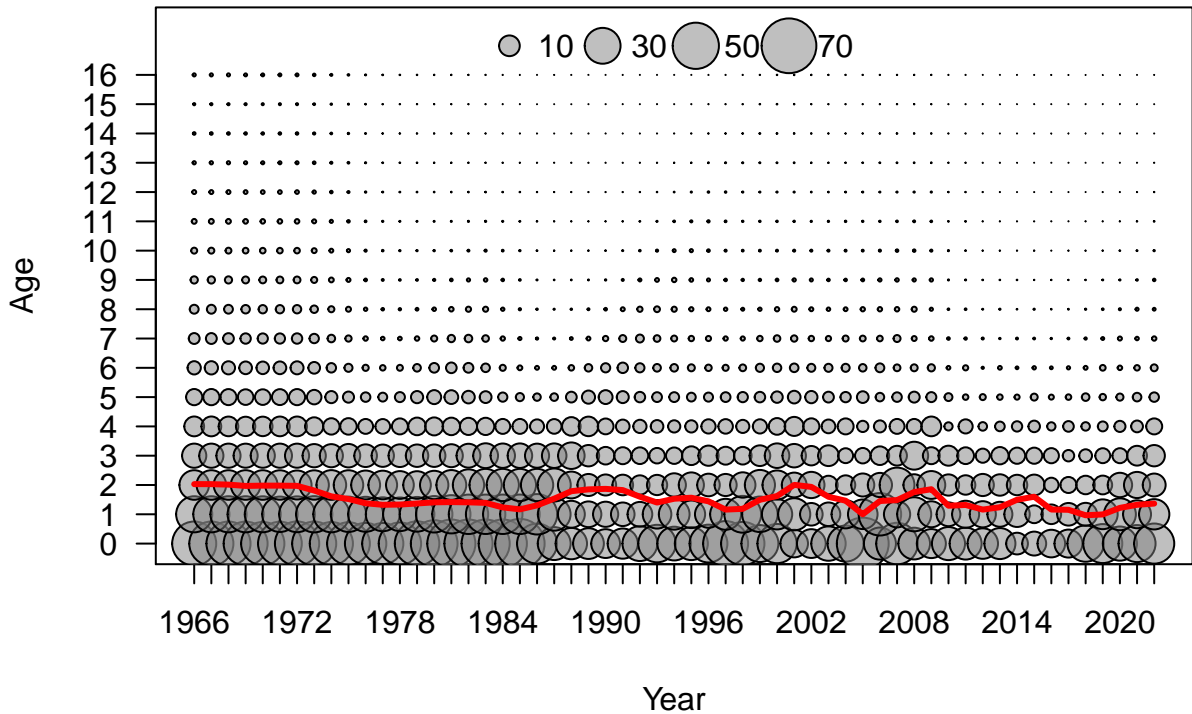
Vulnerable biomass



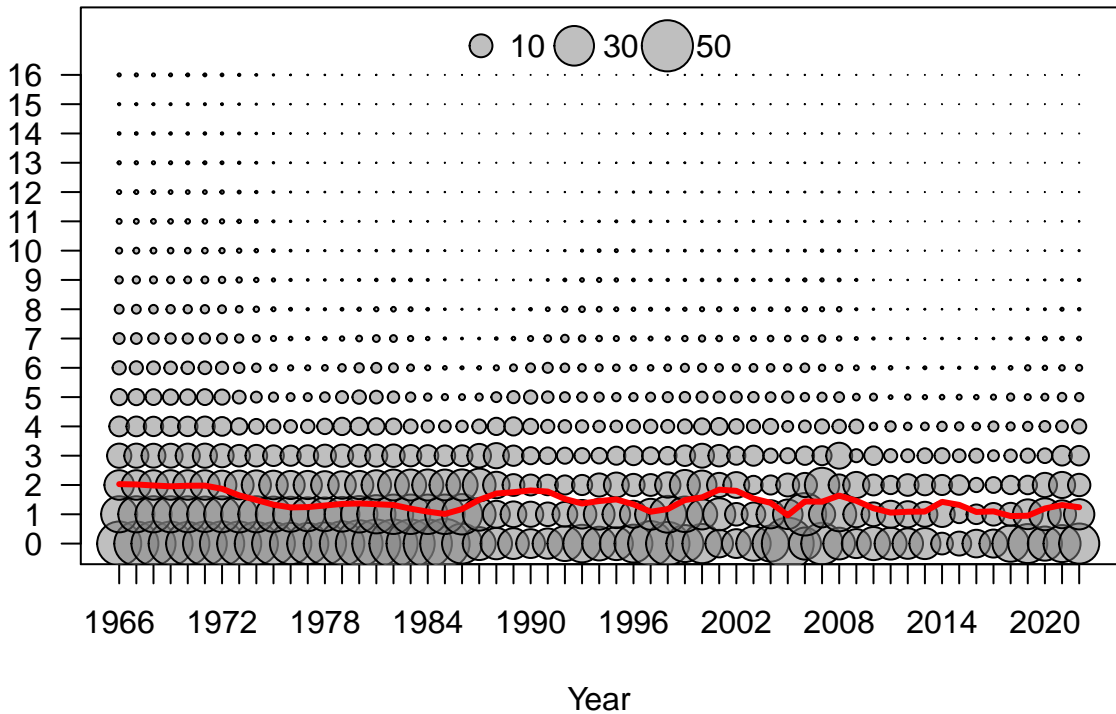


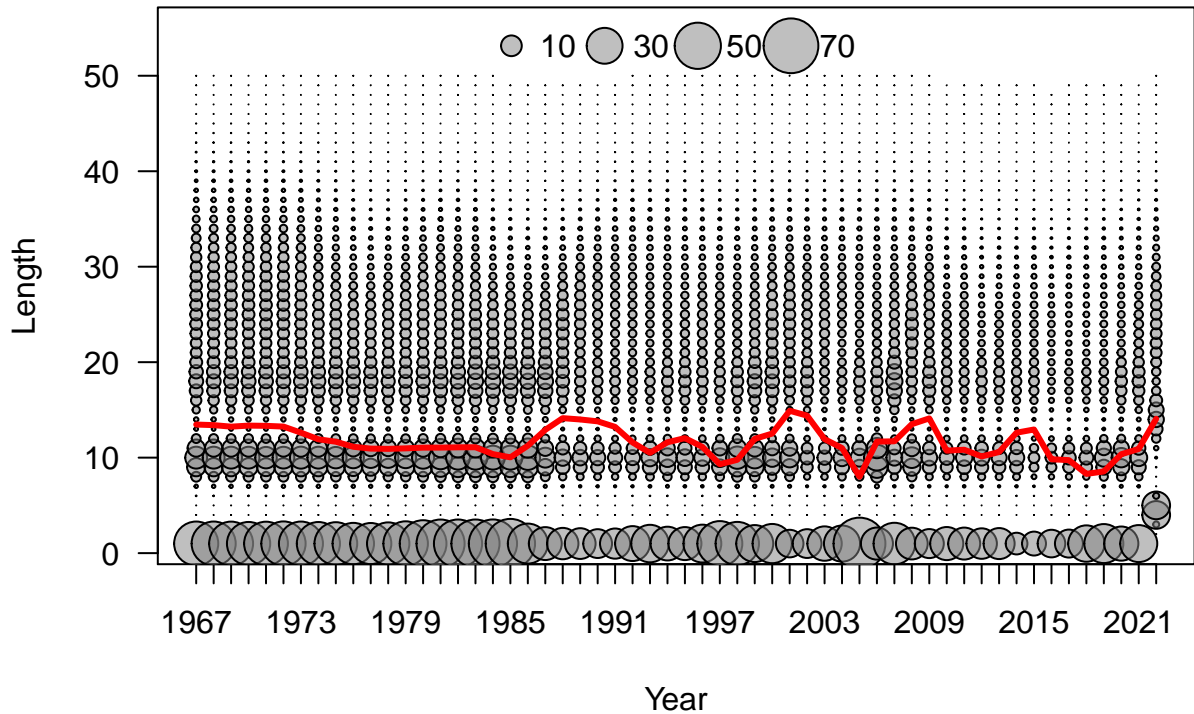


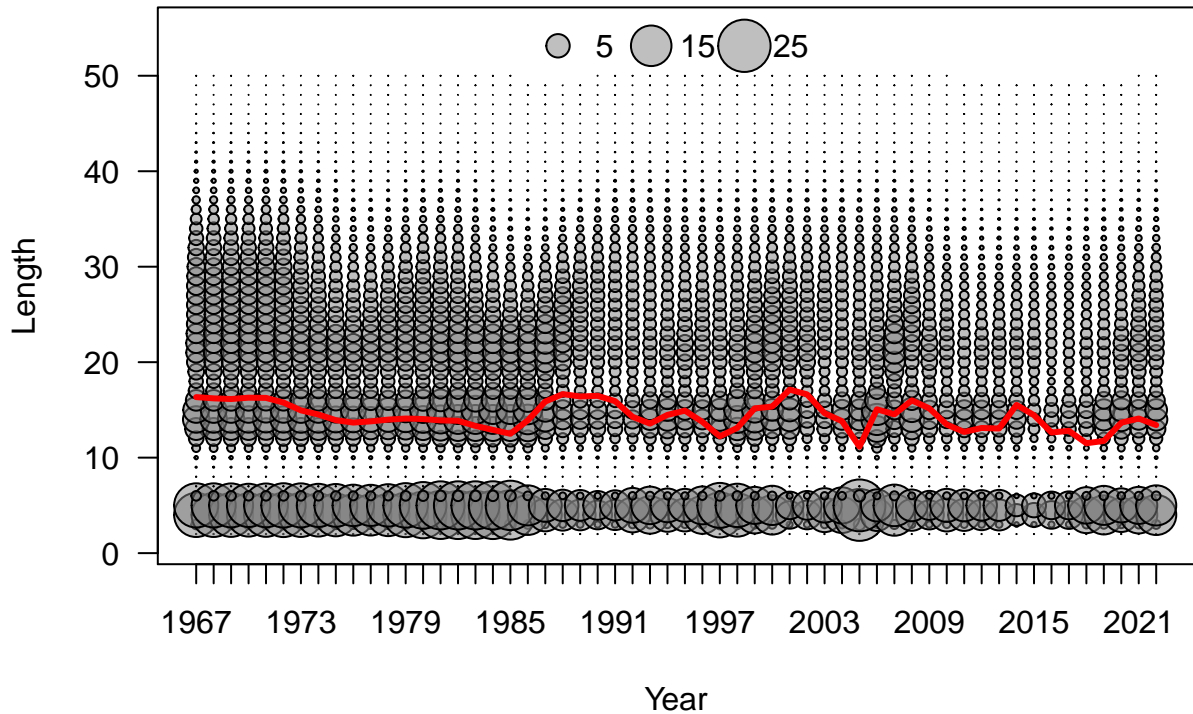


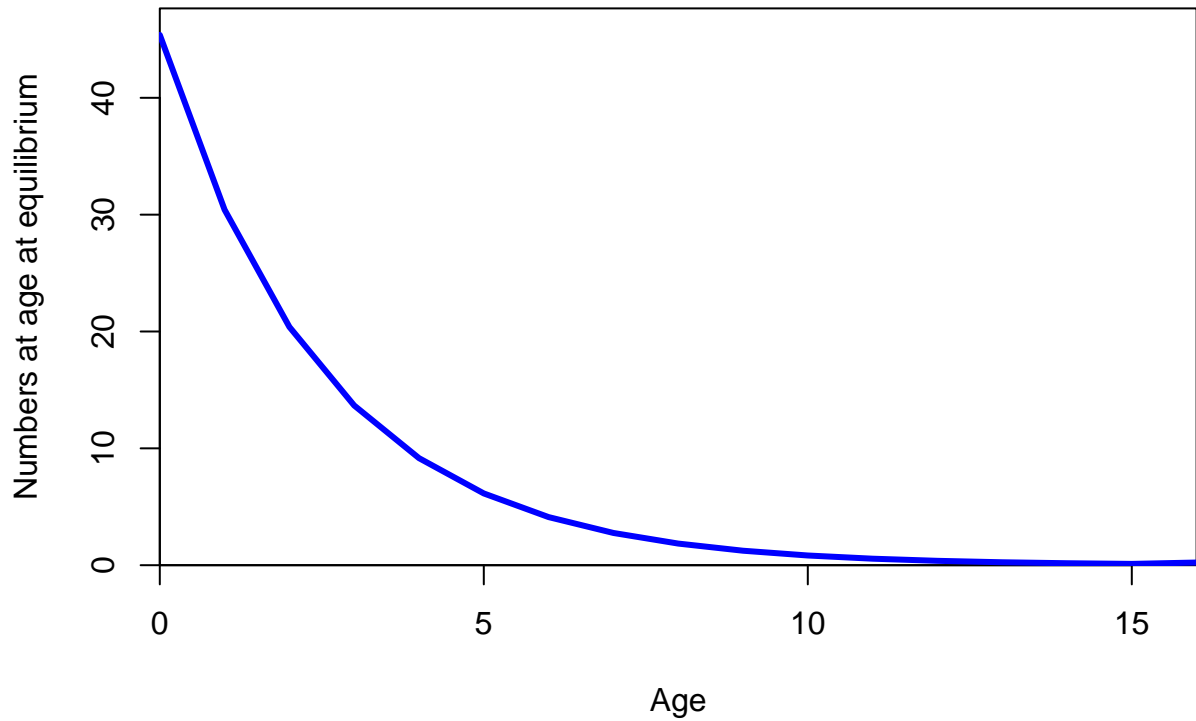


Age



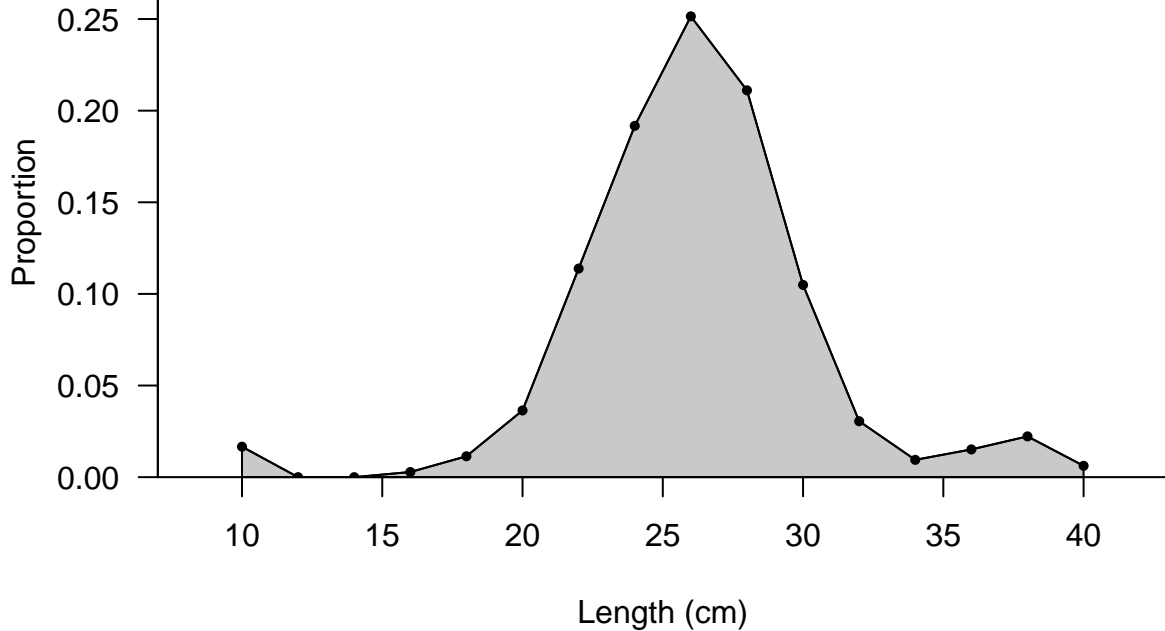


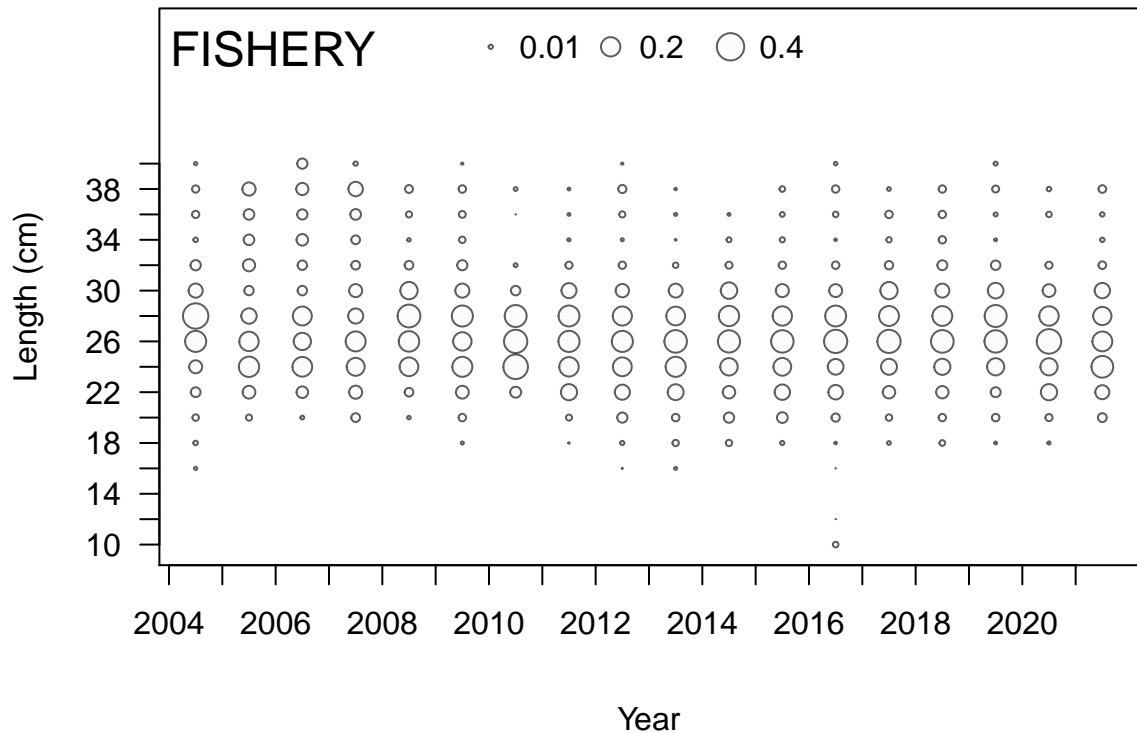


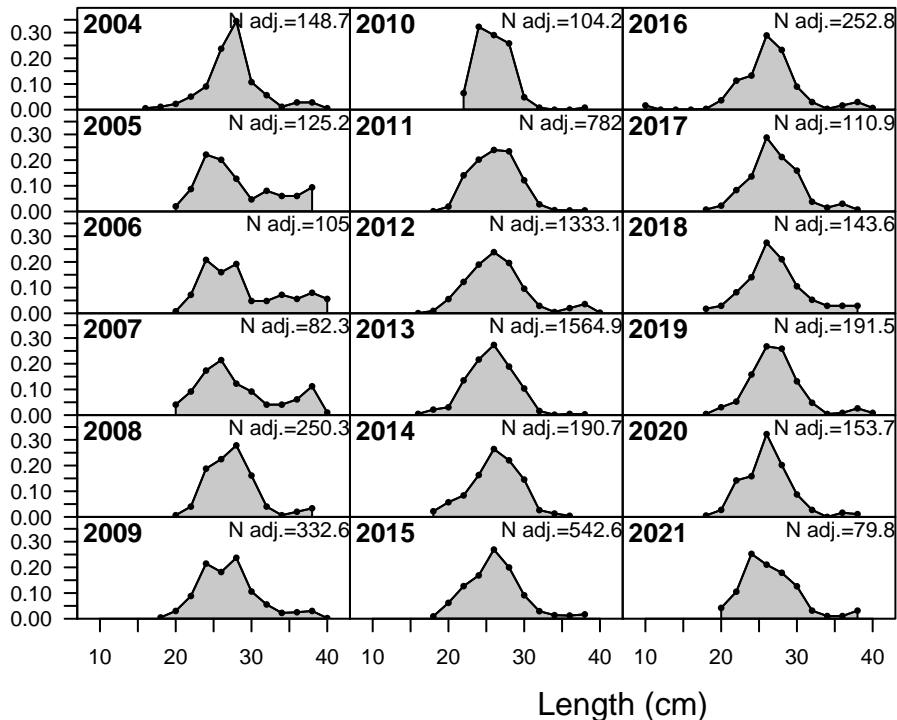


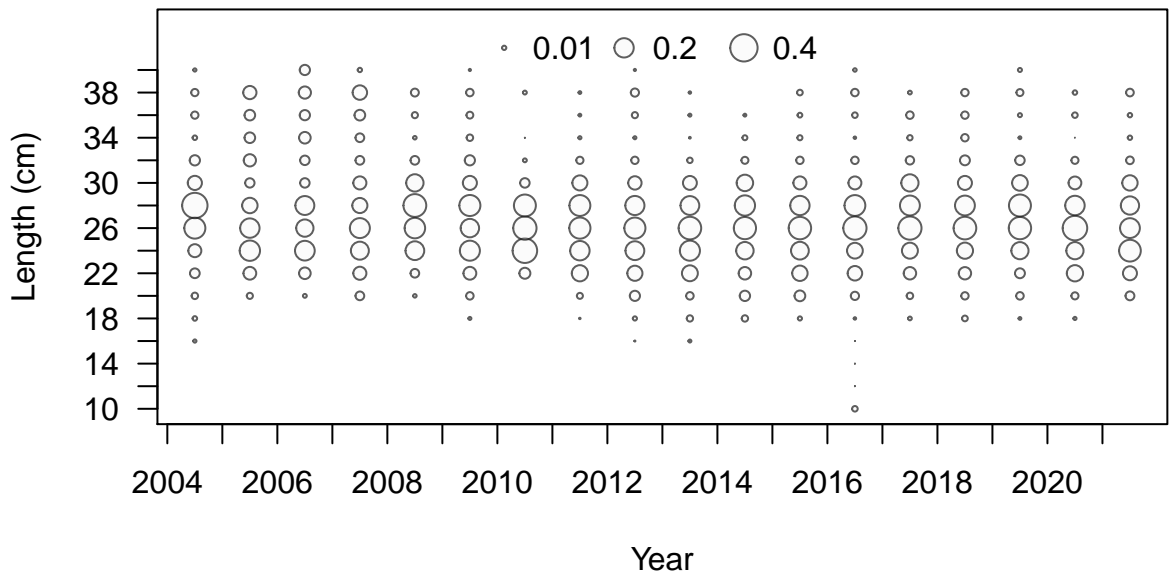
FISHERY

Sum of N adj.=6494





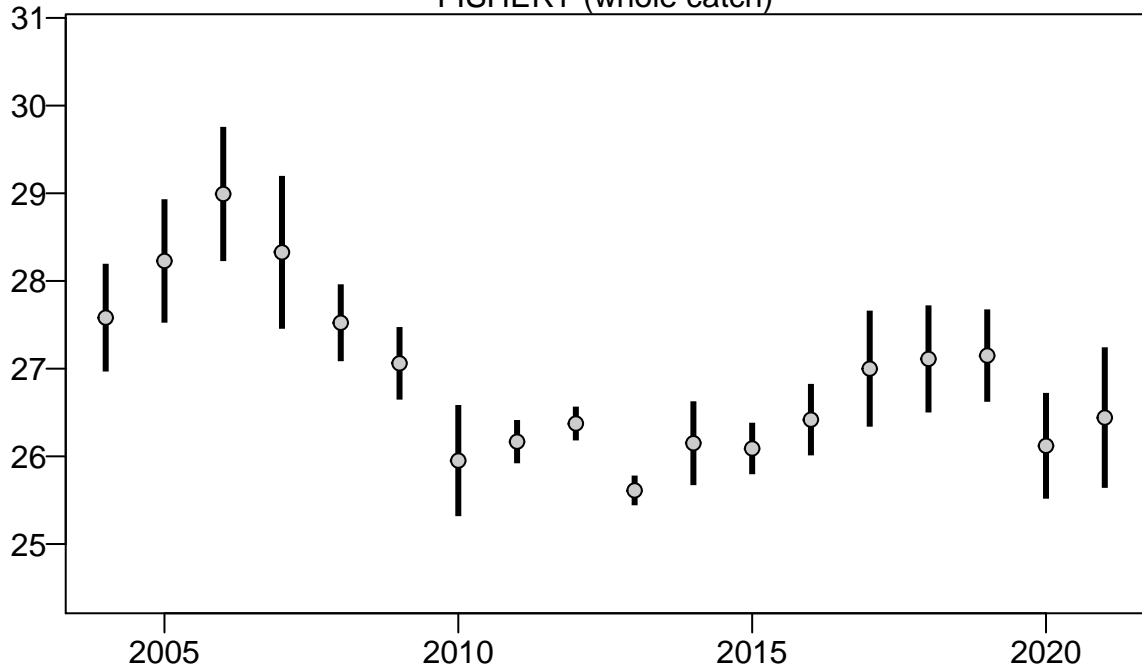


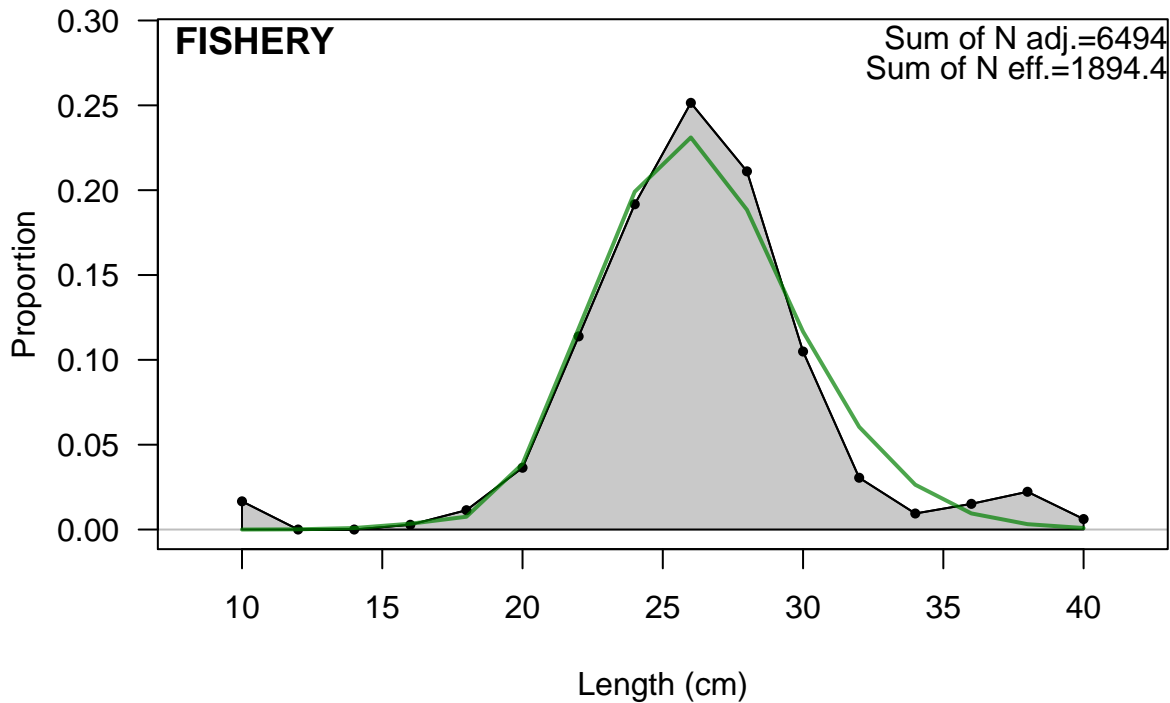


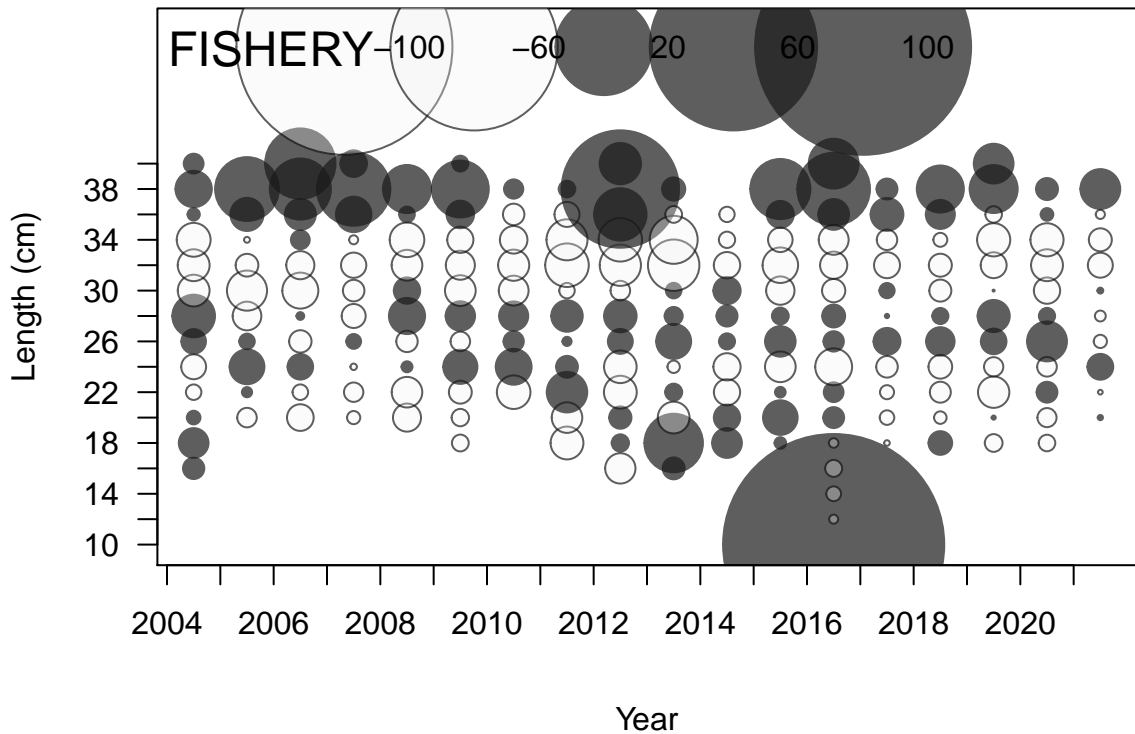
FISHERY (whole catch)

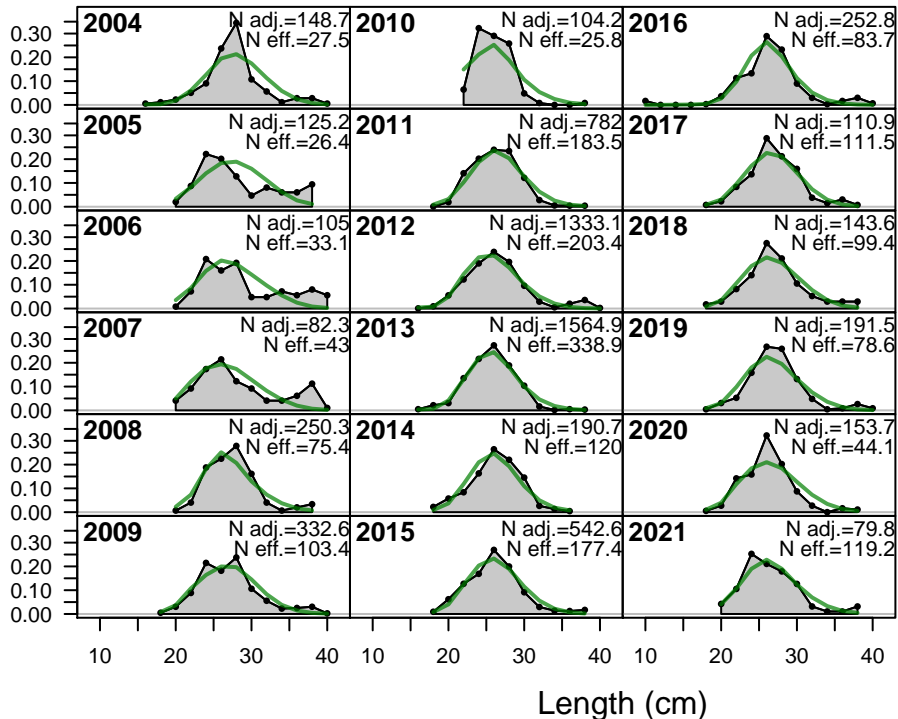
Mean length

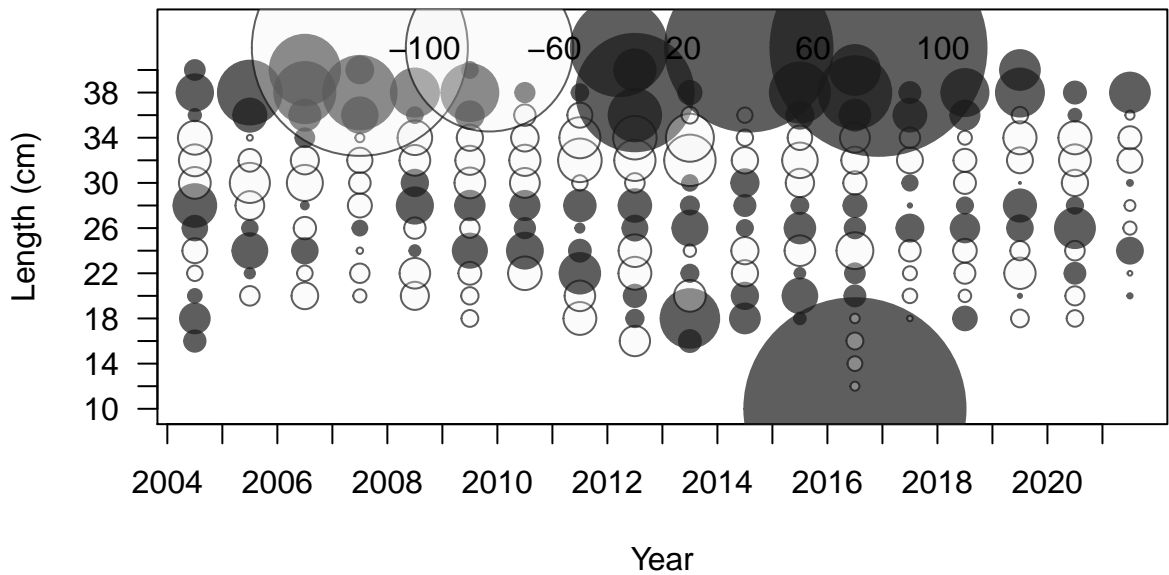
Year

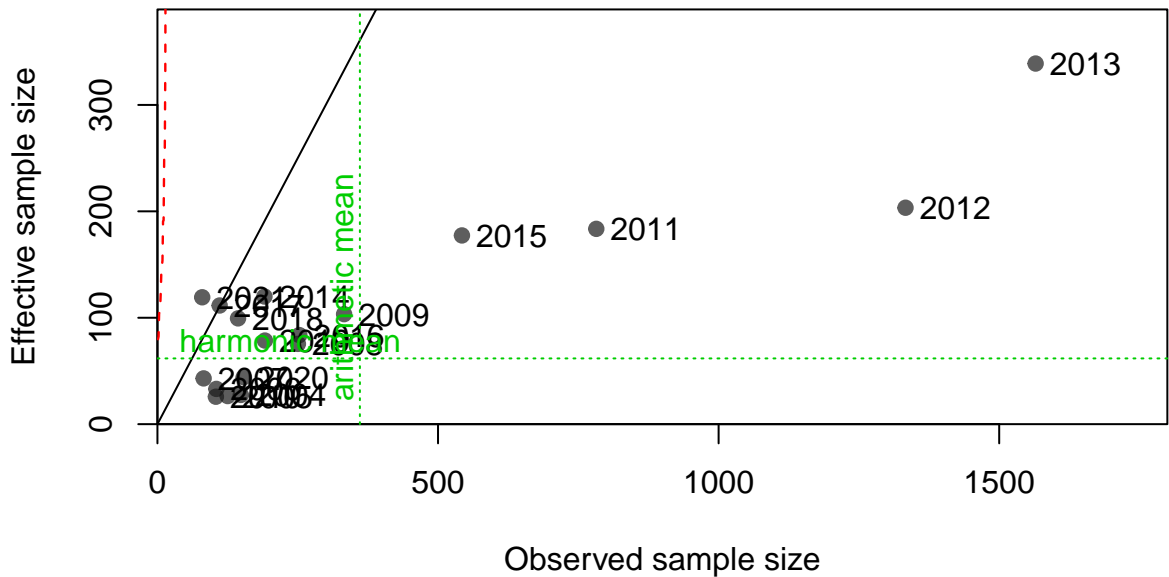








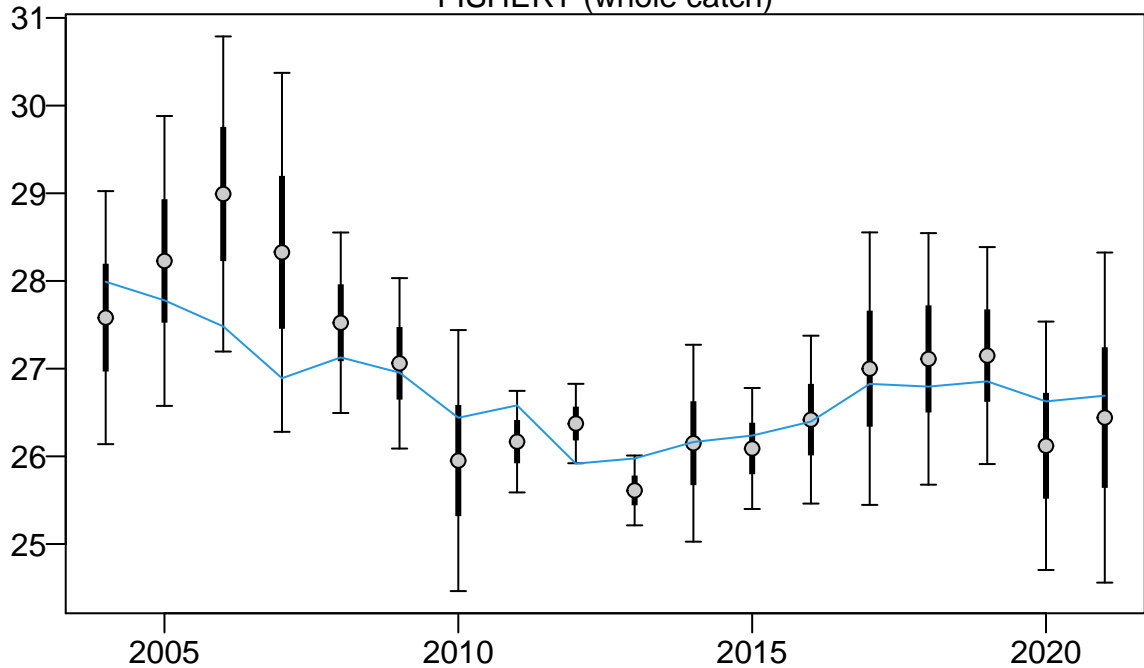


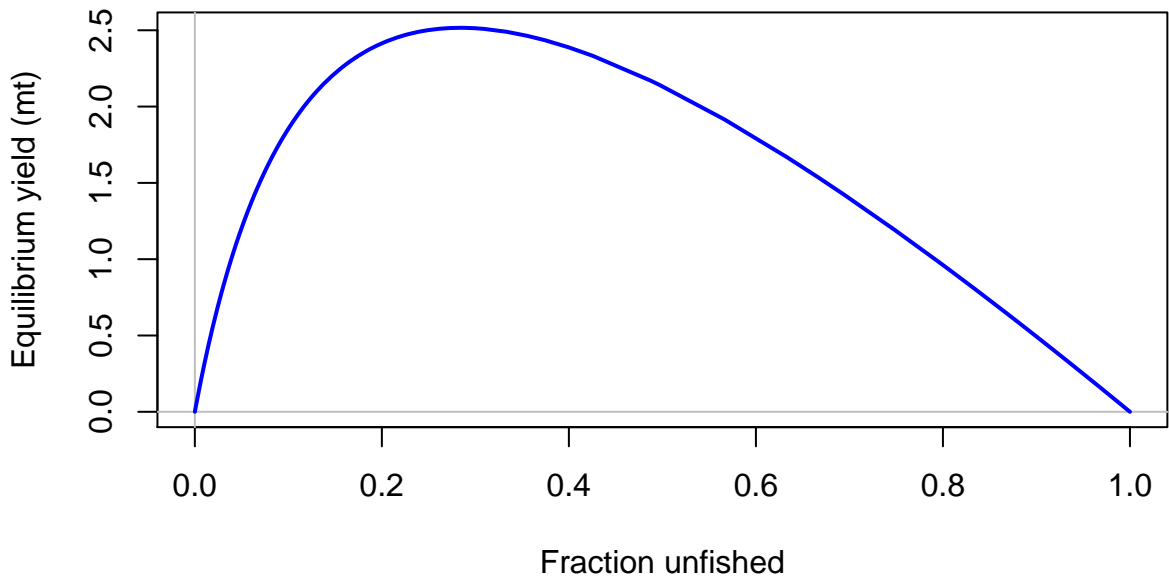


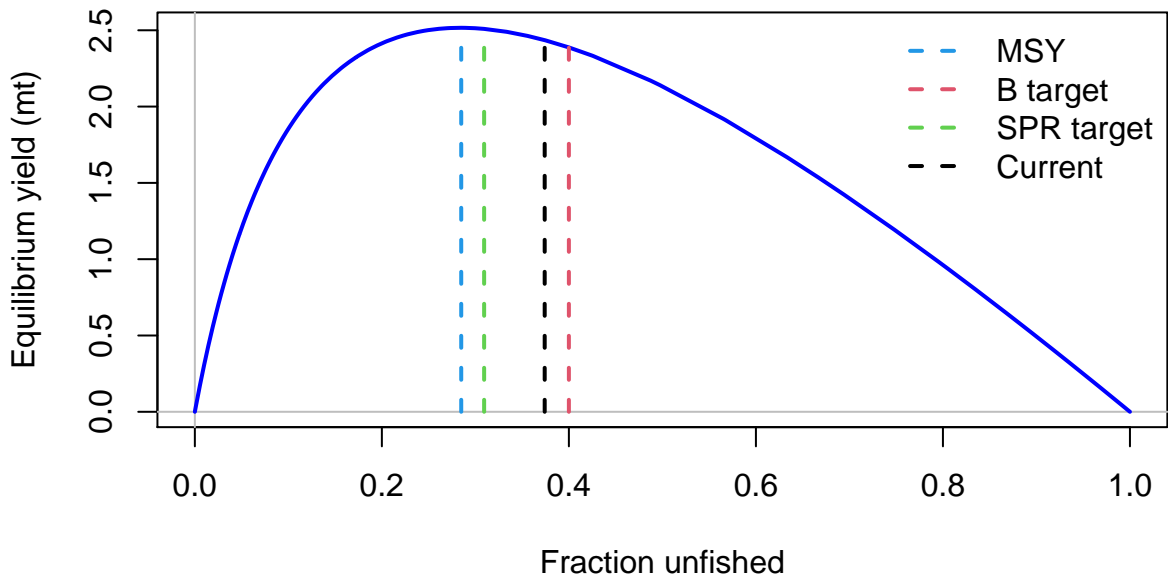
FISHERY (whole catch)

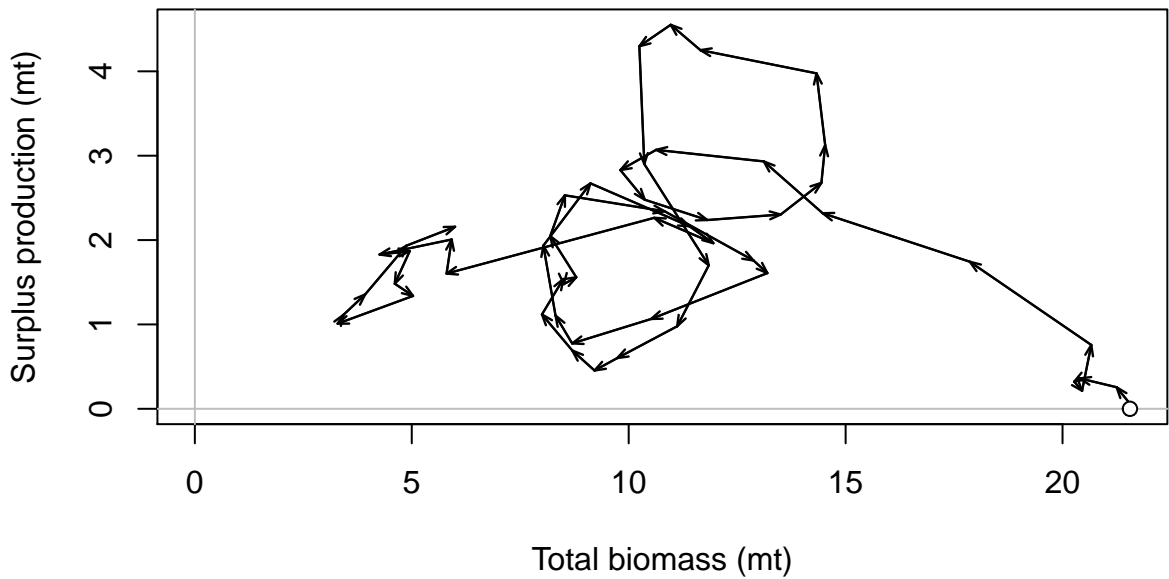
Mean length

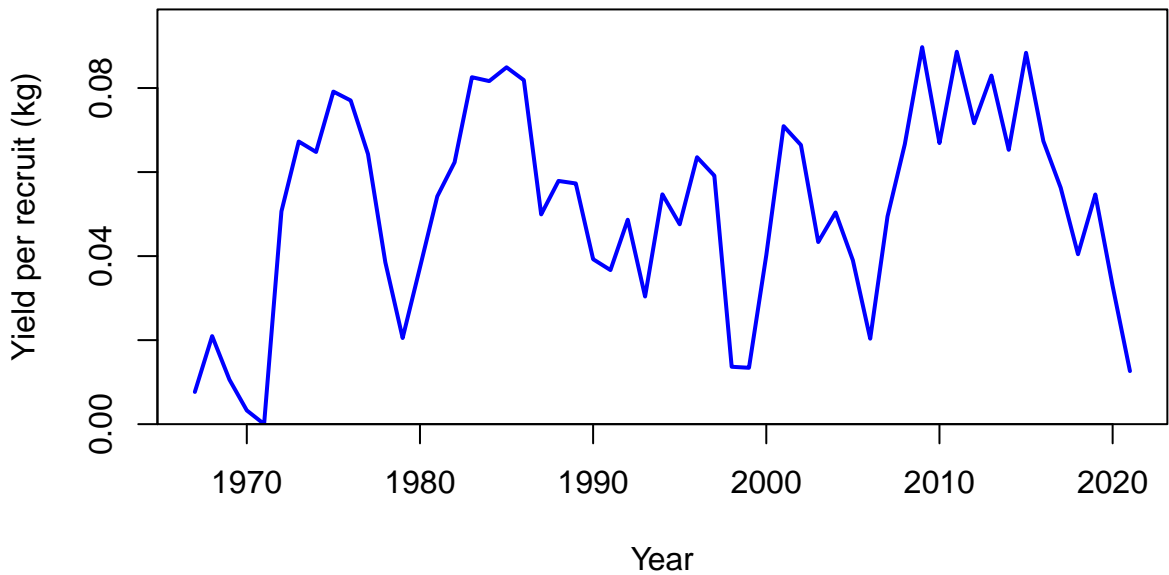
Year

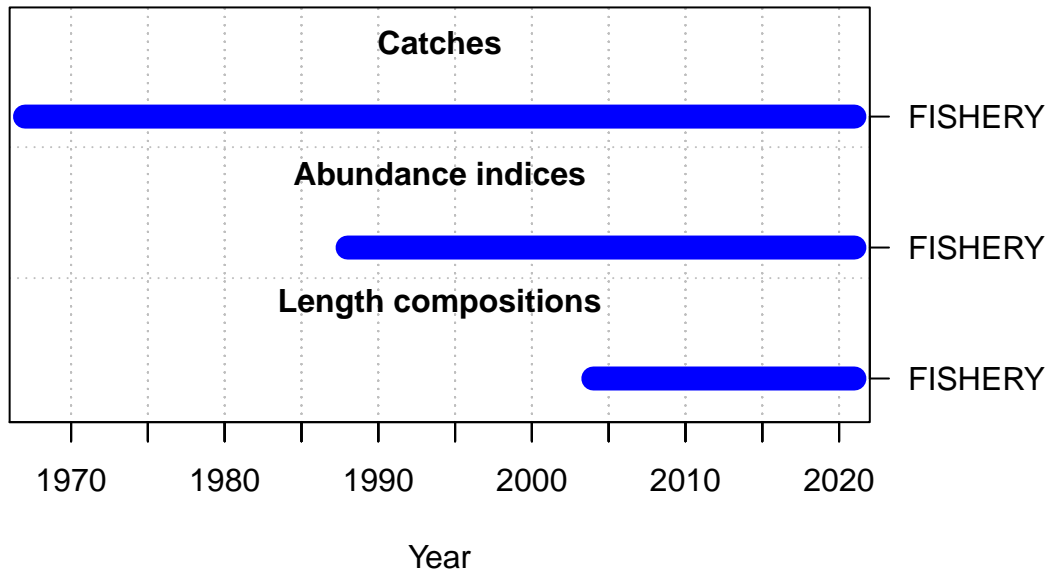


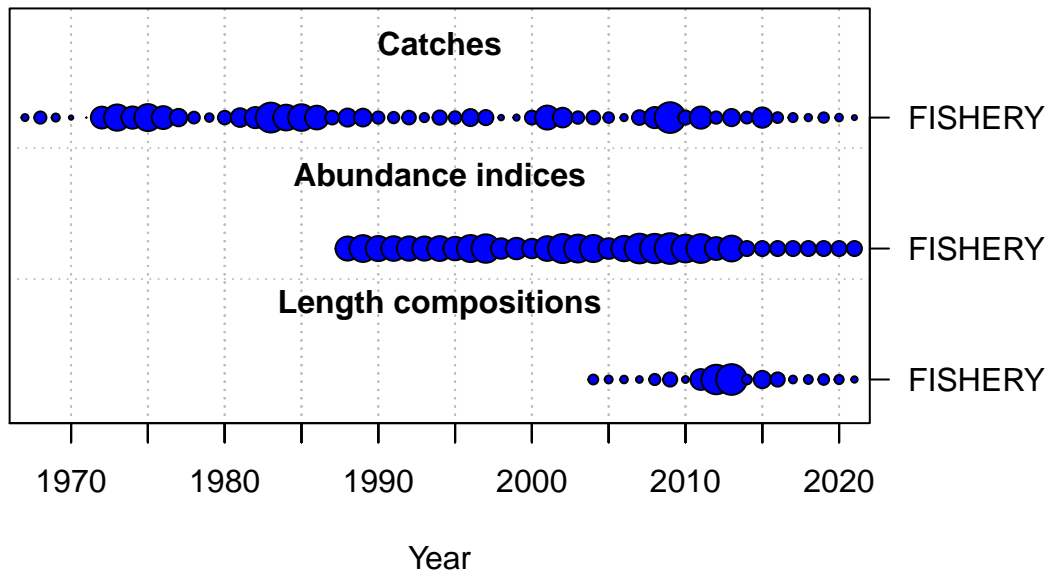




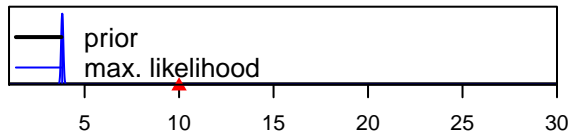




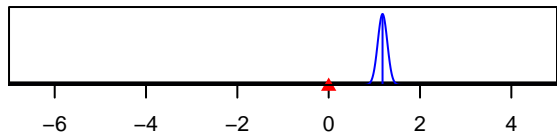




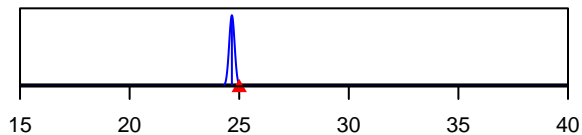
SR_LN(R0)



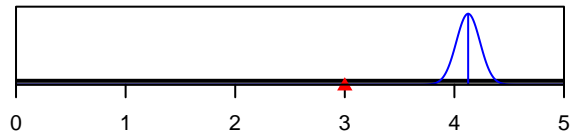
LnQ_base_FISHERY(1)



Size_inflection_FISHERY(1)



Size_95%width_FISHERY(1)



Parameter value