

Plots created using the 'r4ss' package in R

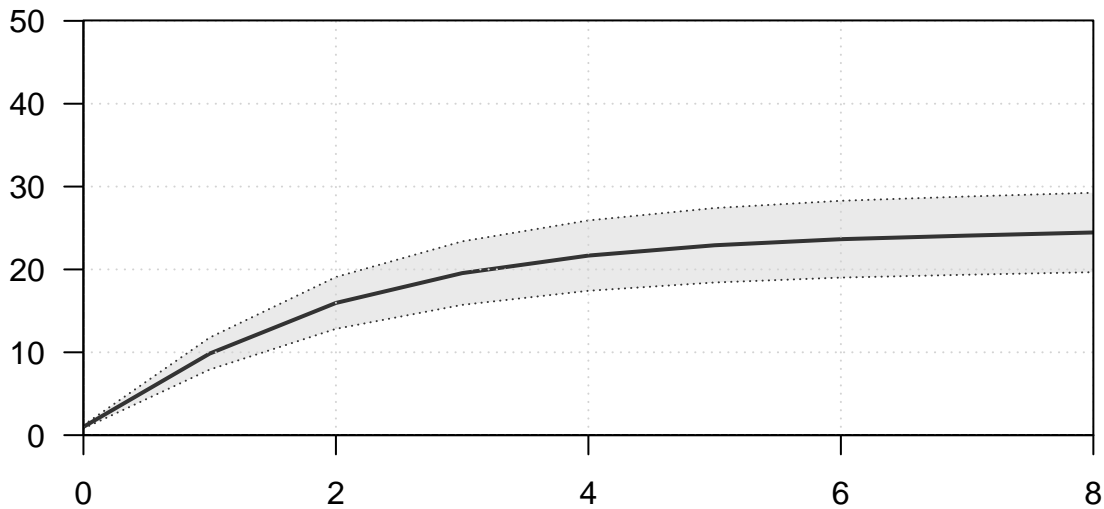
Stock Synthesis version: 3.30.19.0

StartTime: Sat Jul 09 09:24:13 2022

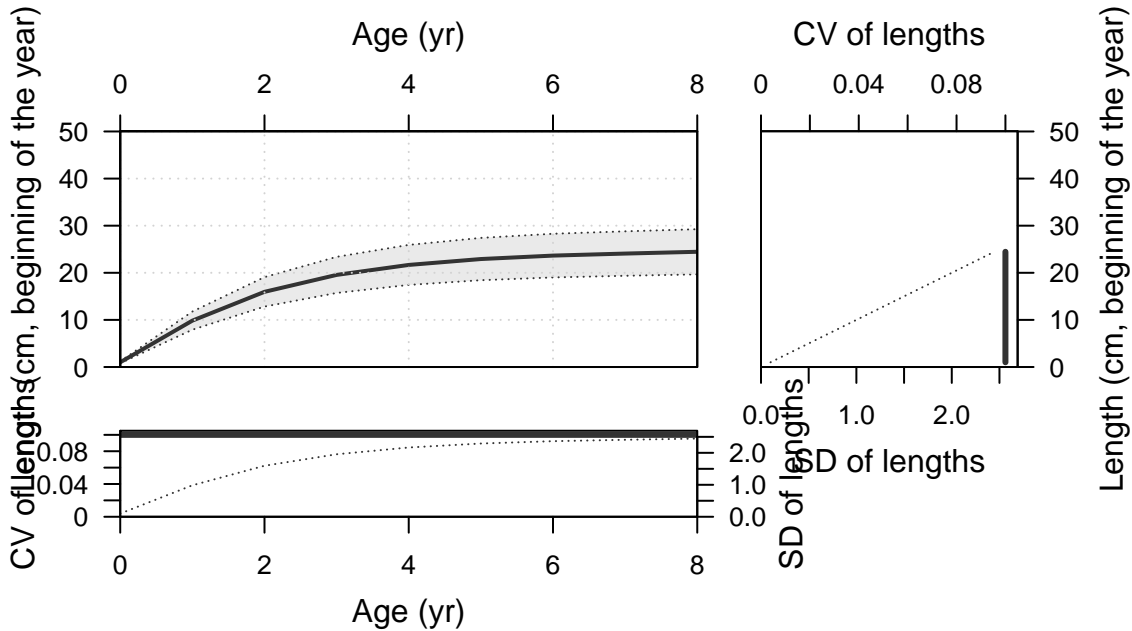
Data_File: data.ss

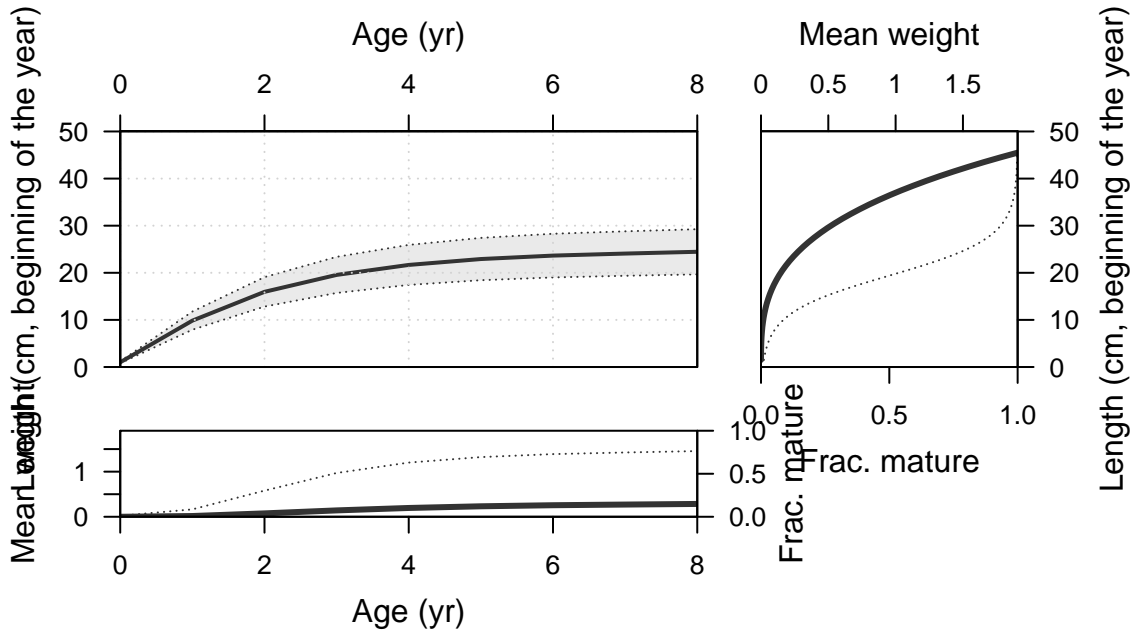
Control_File: control.ss

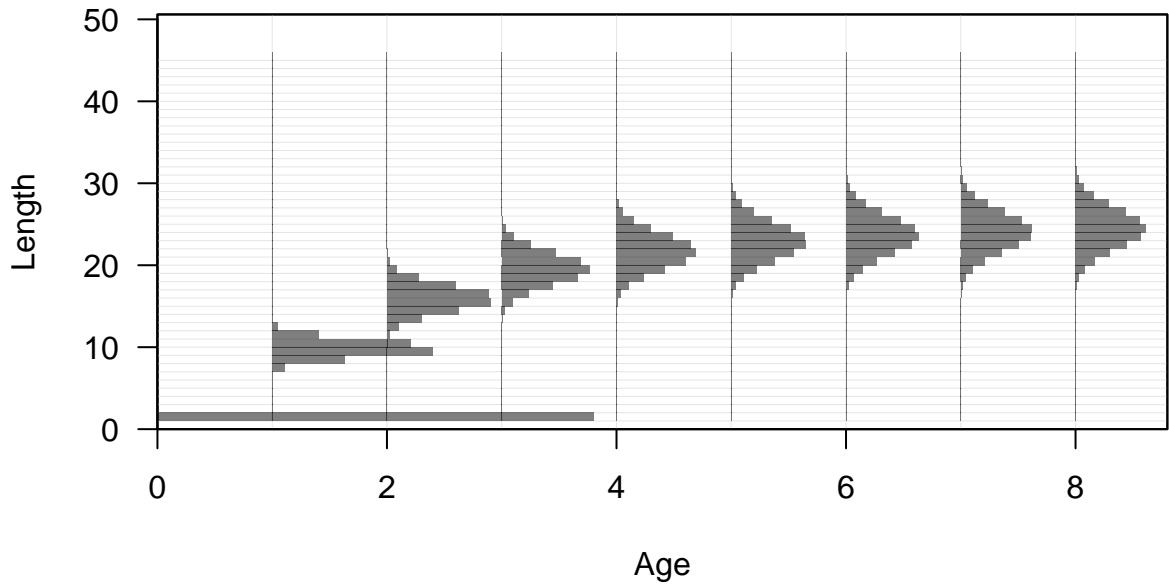
Length (cm, beginning of the year)

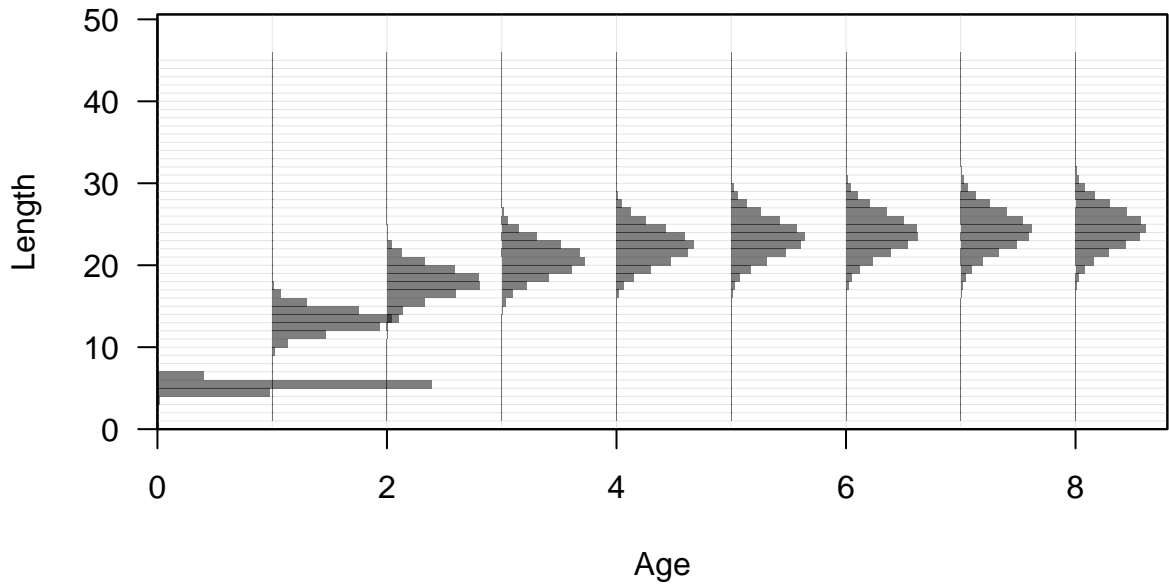


Age (yr)

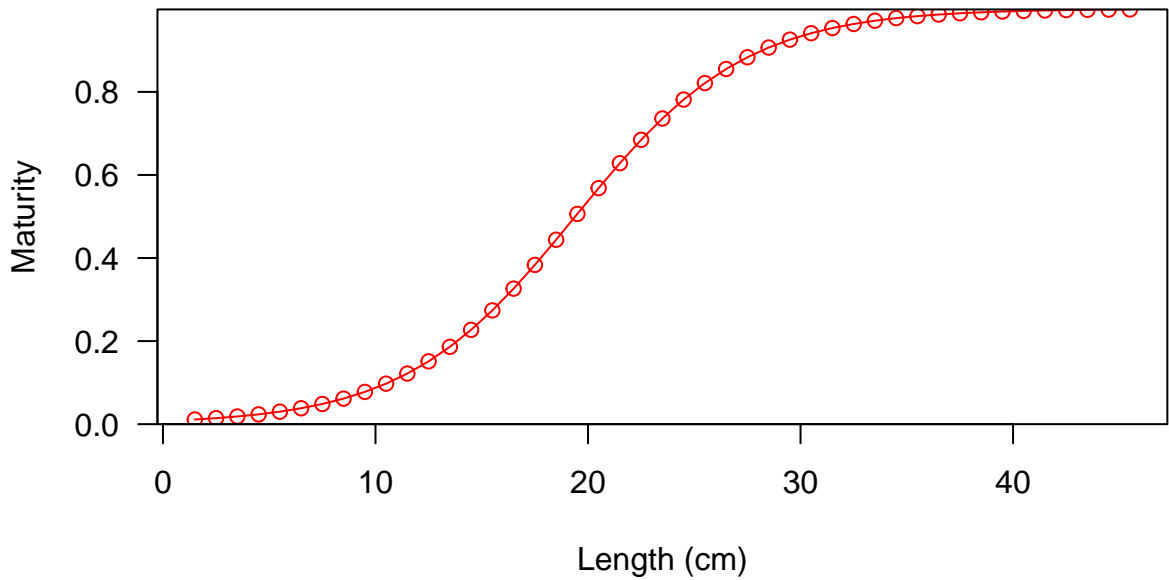




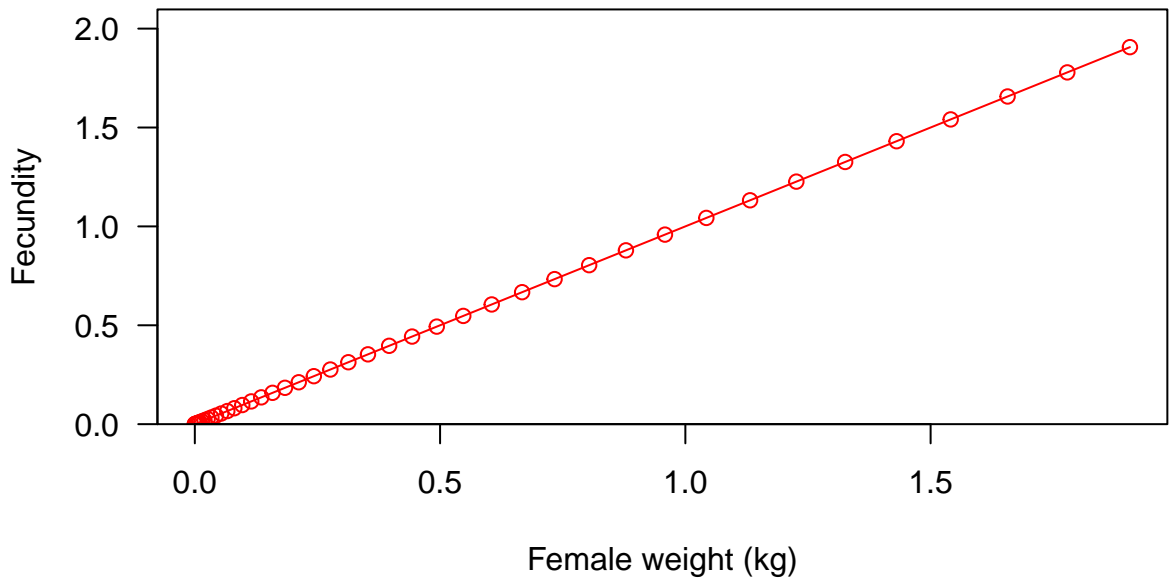




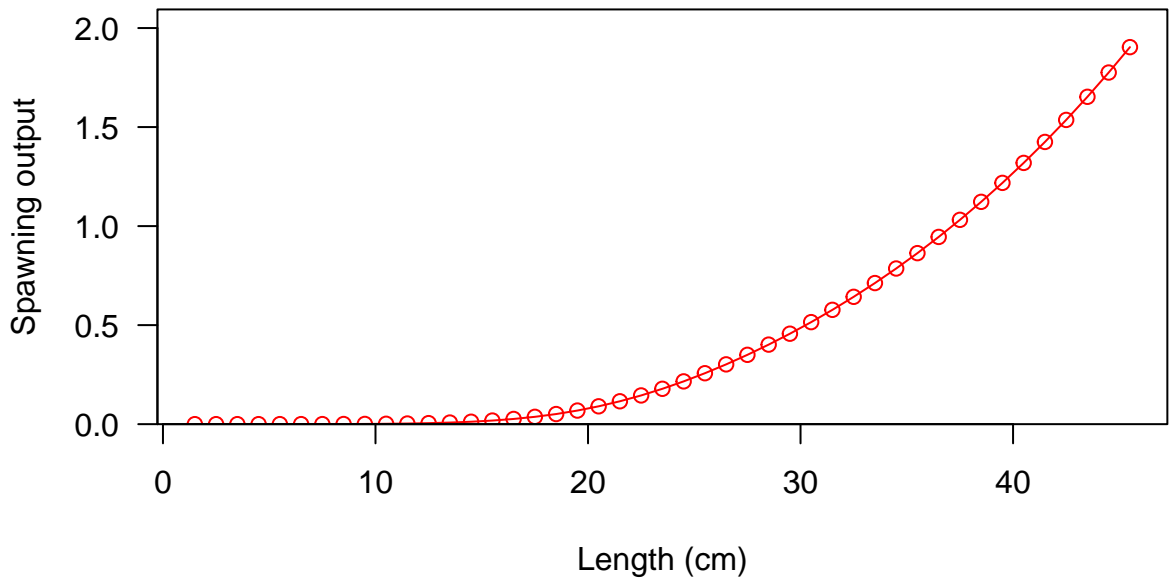


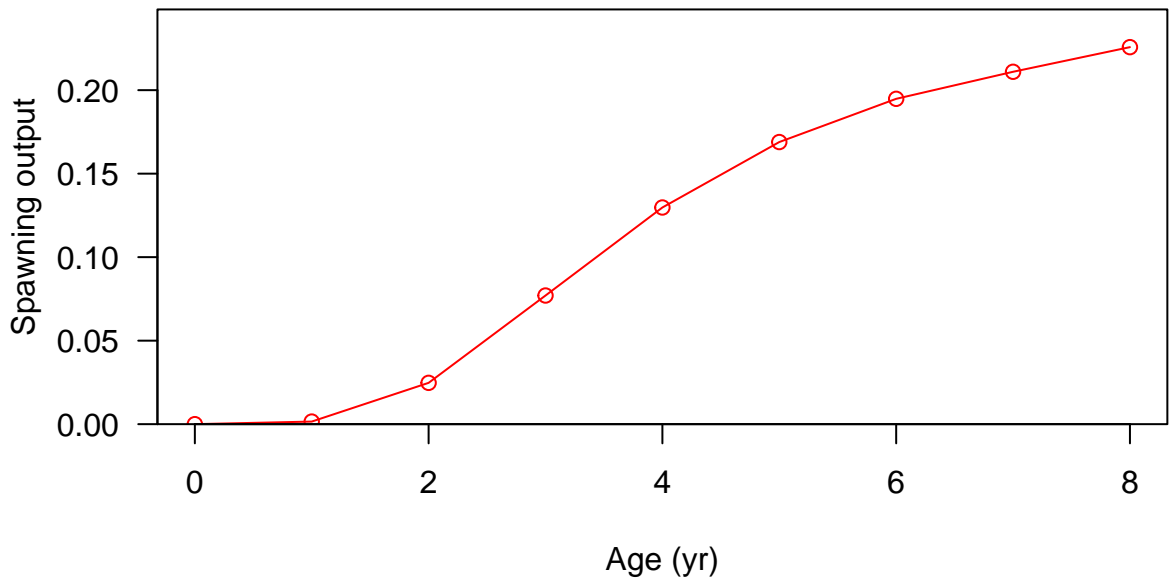




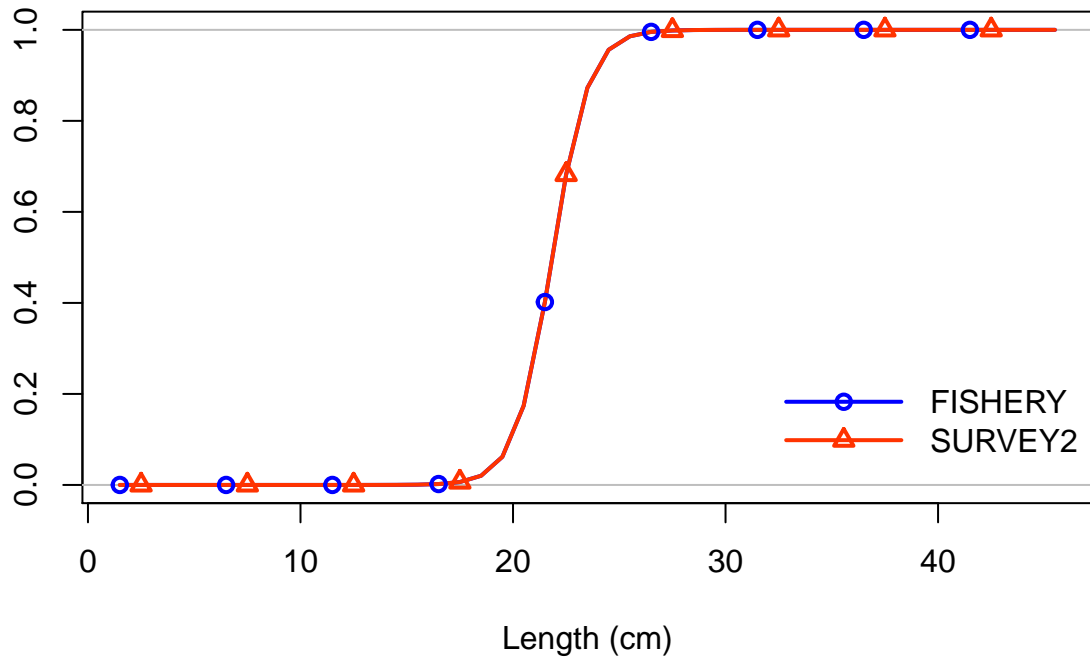




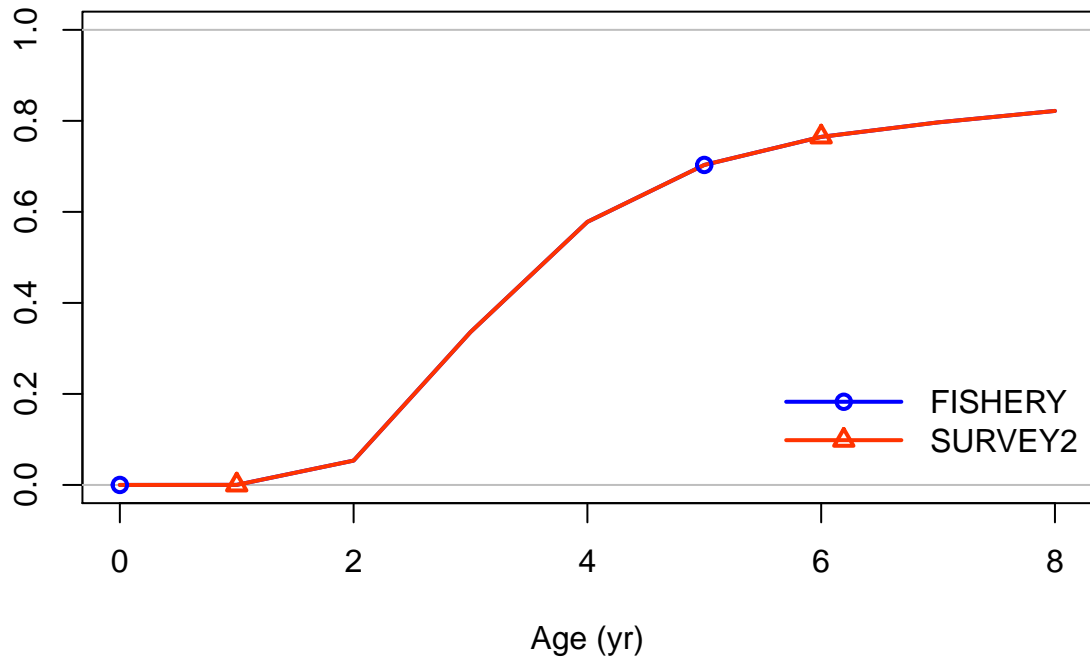




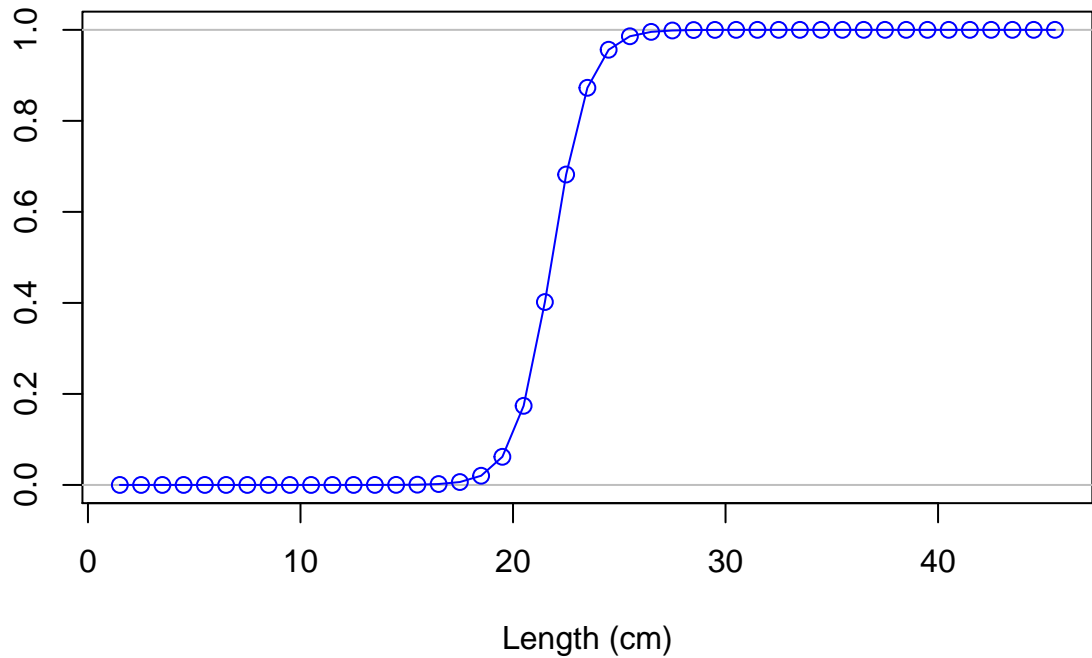
Selectivity



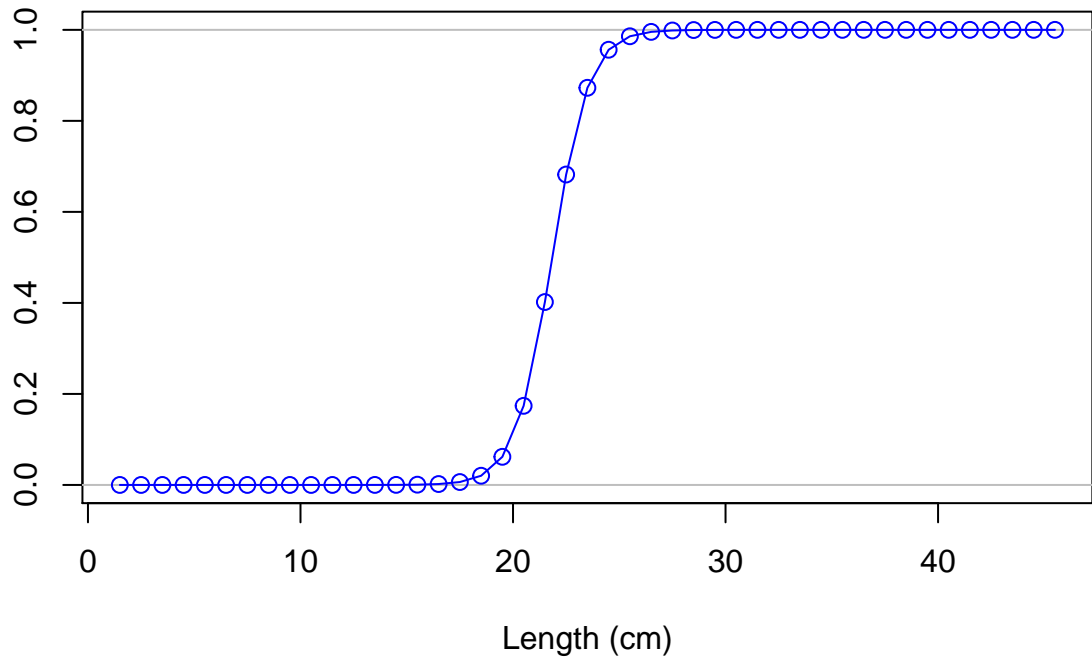
Selectivity

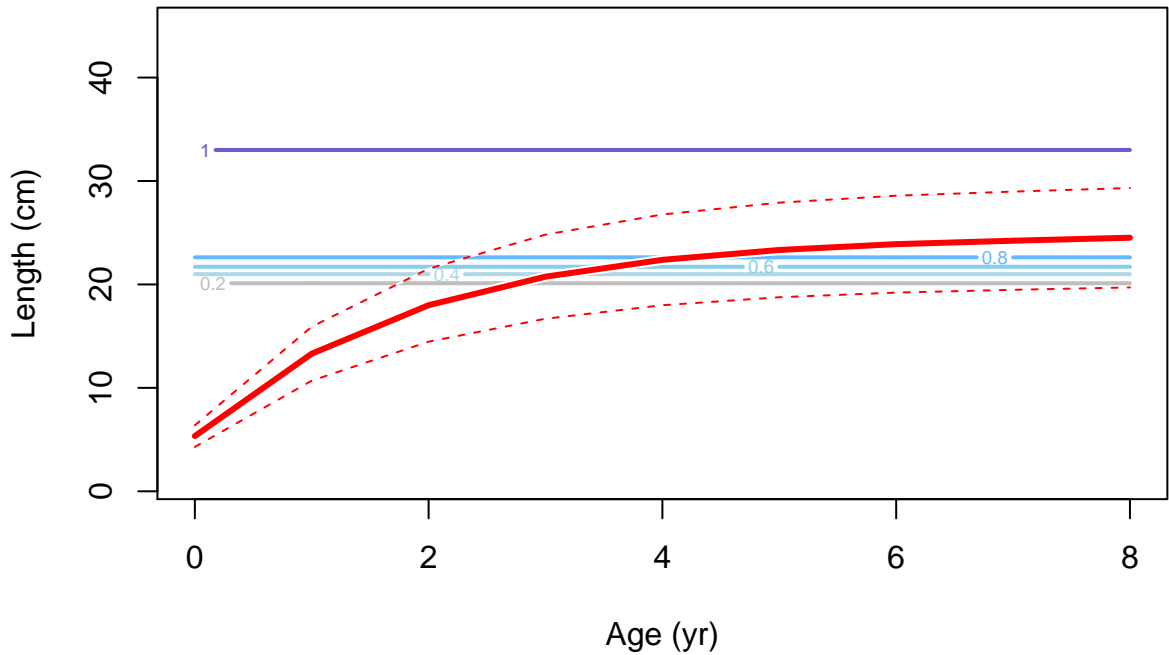


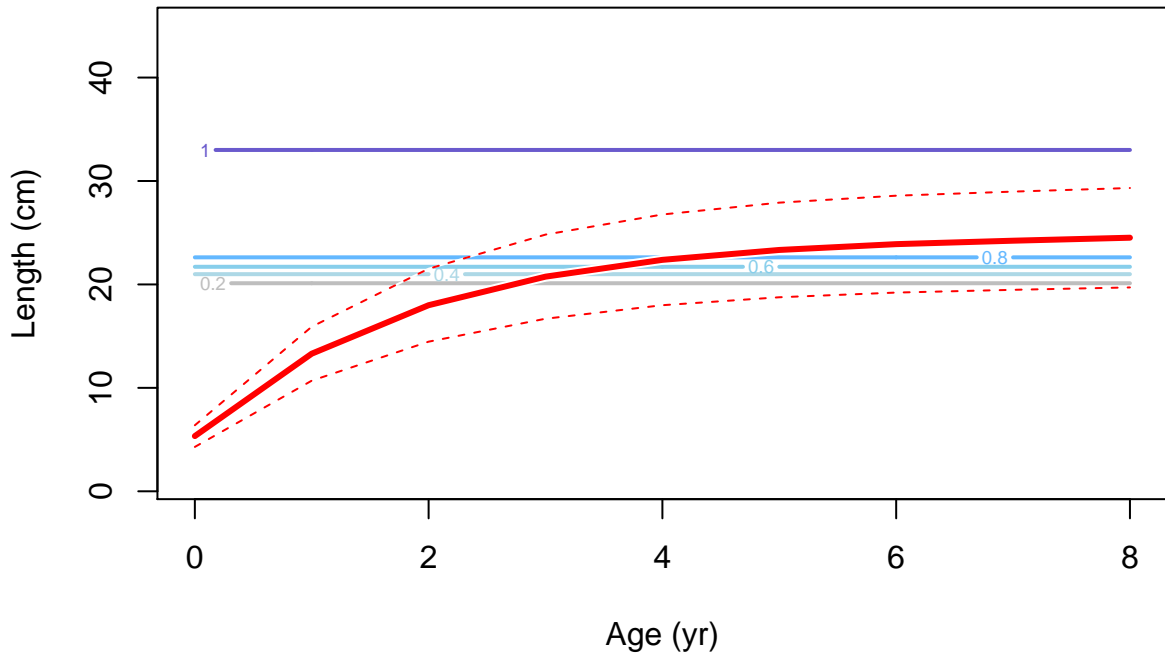
Selectivity

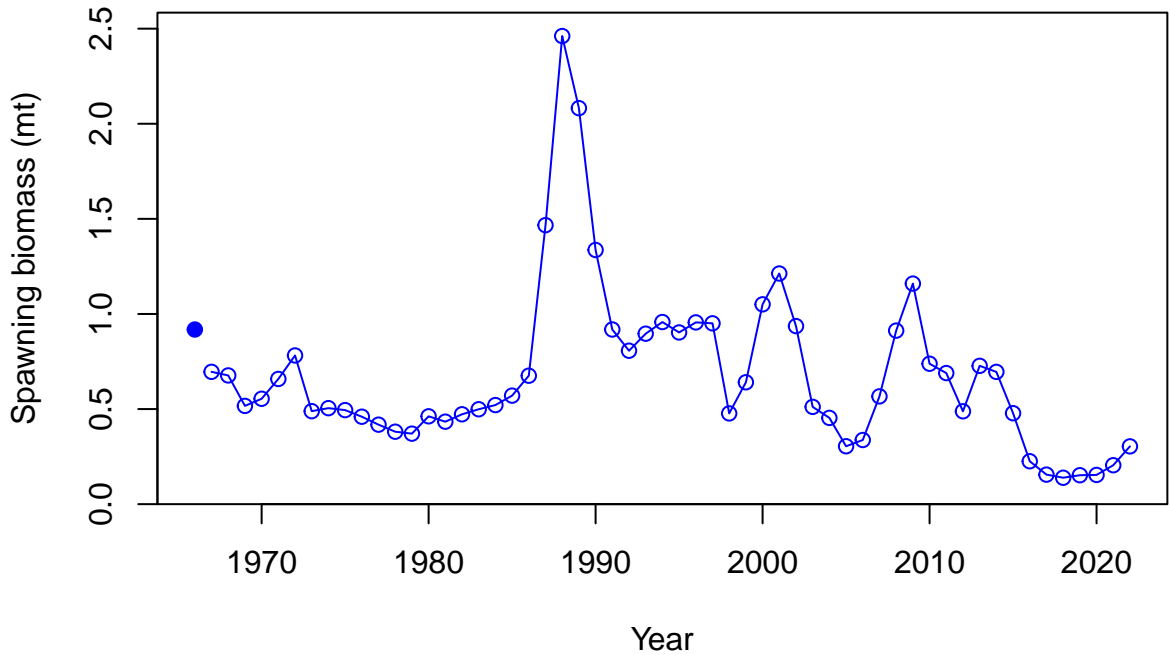


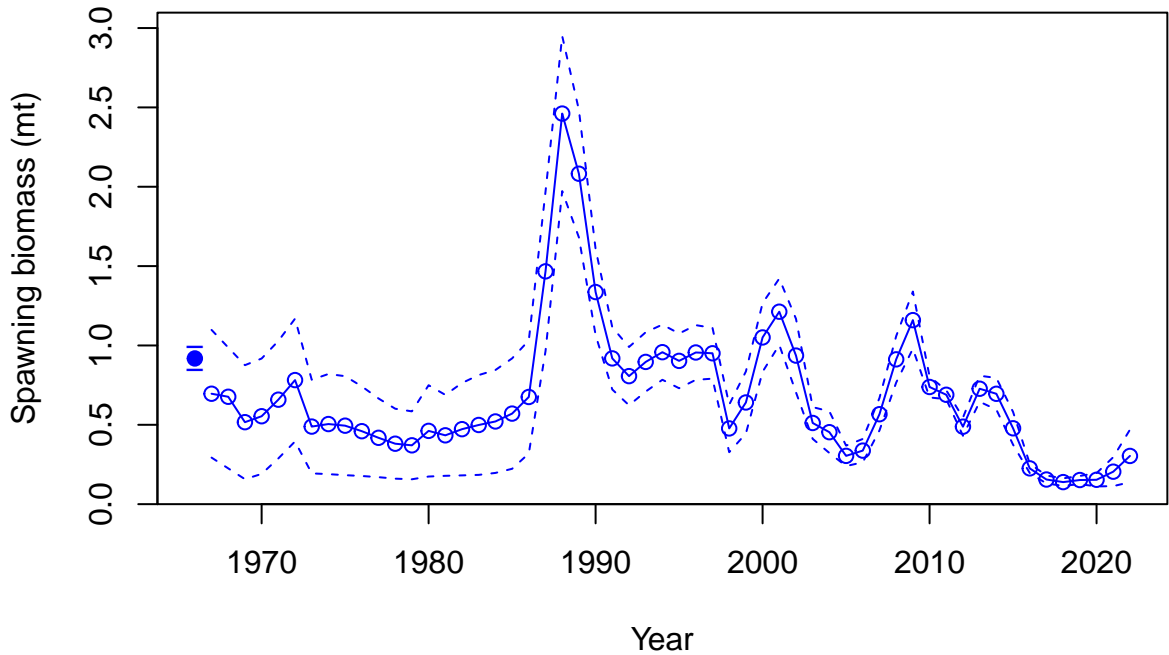
Selectivity



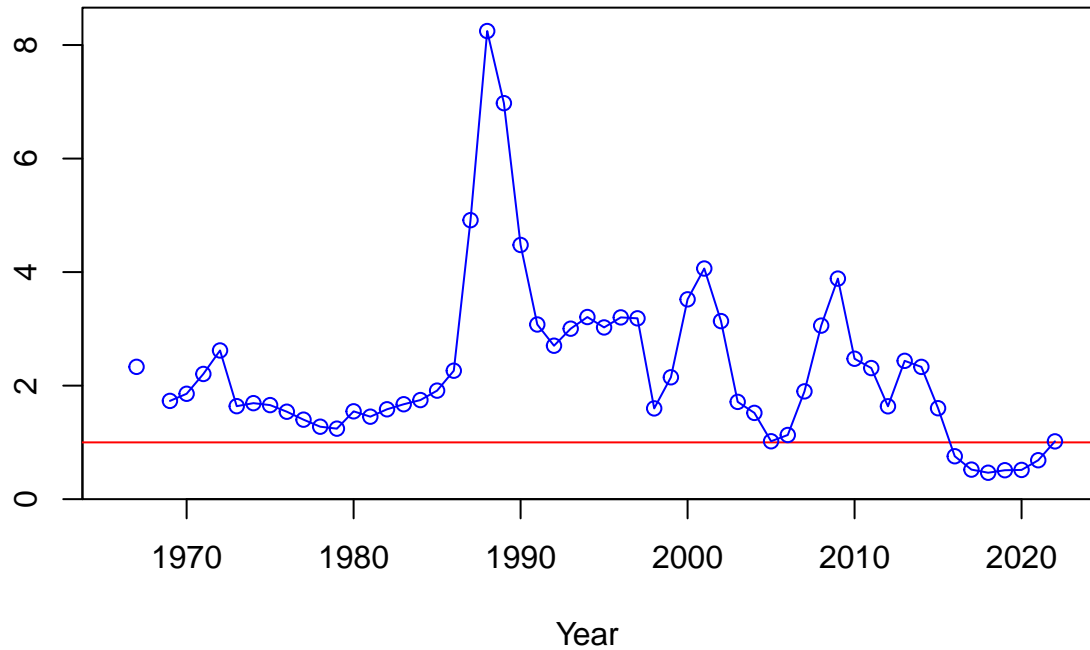




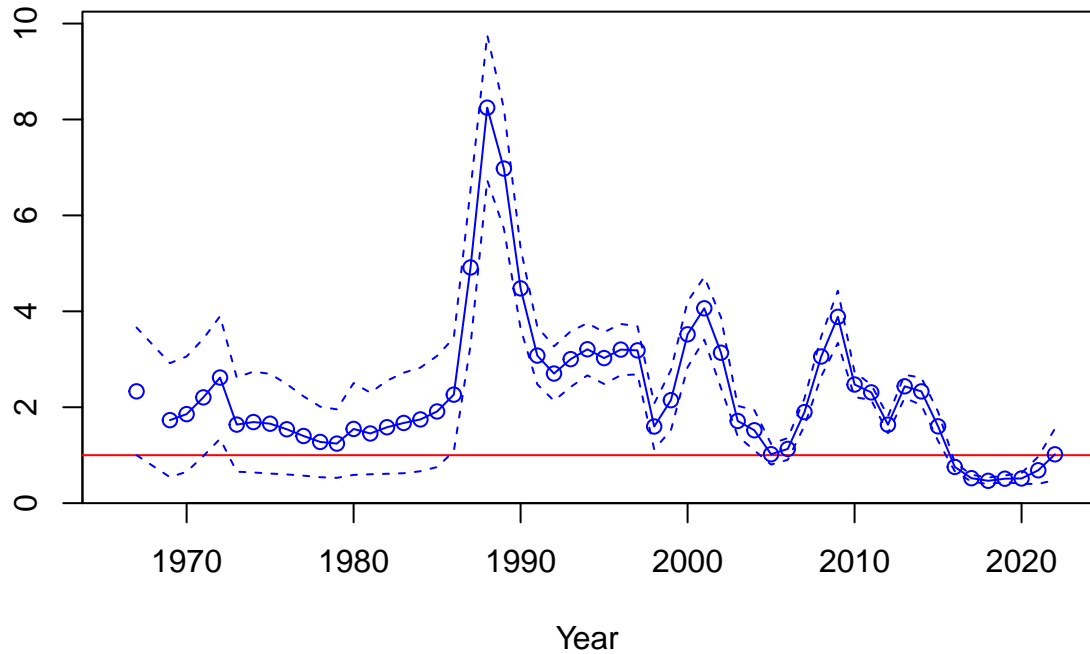


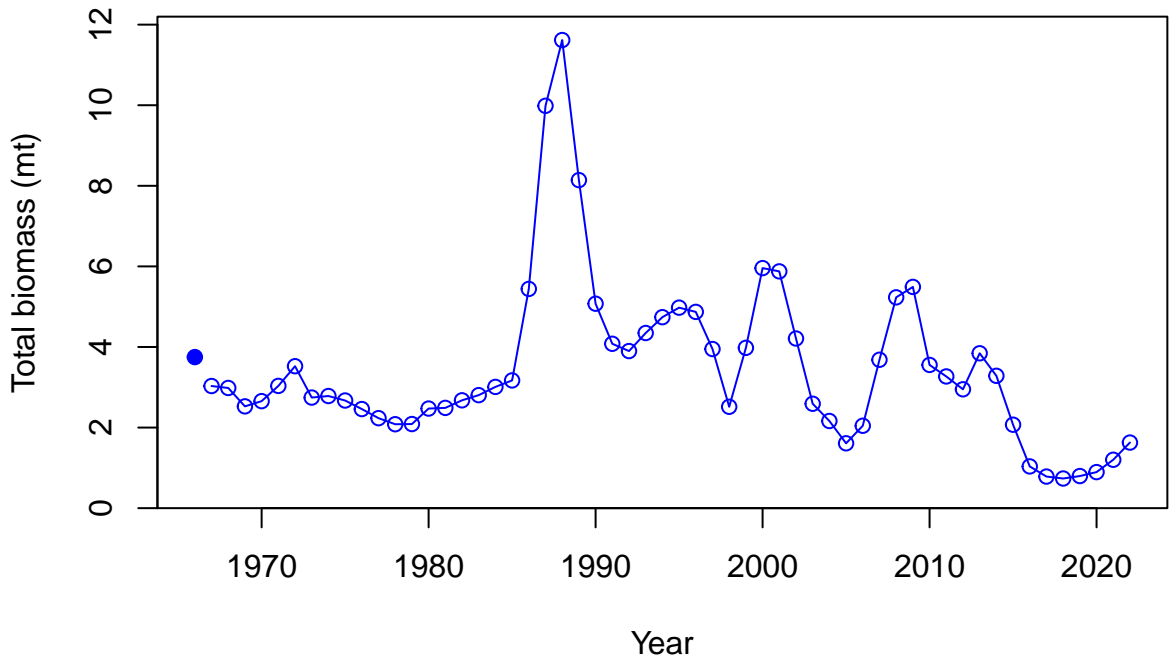


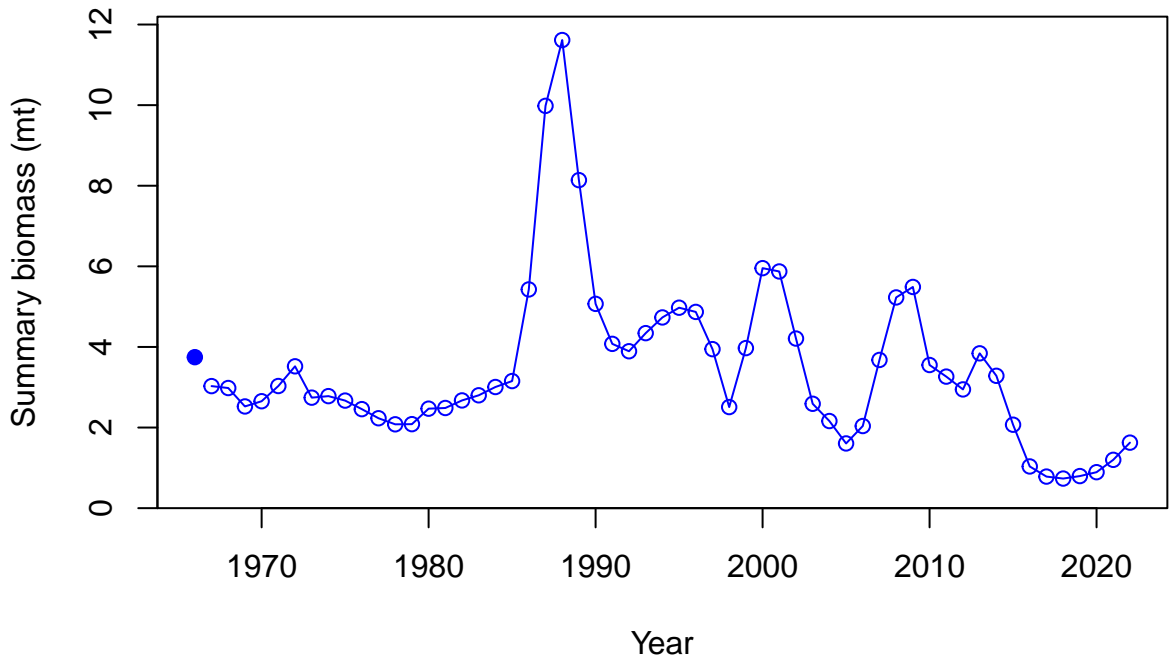
Relative spawning biomass: B/B_{MSY}



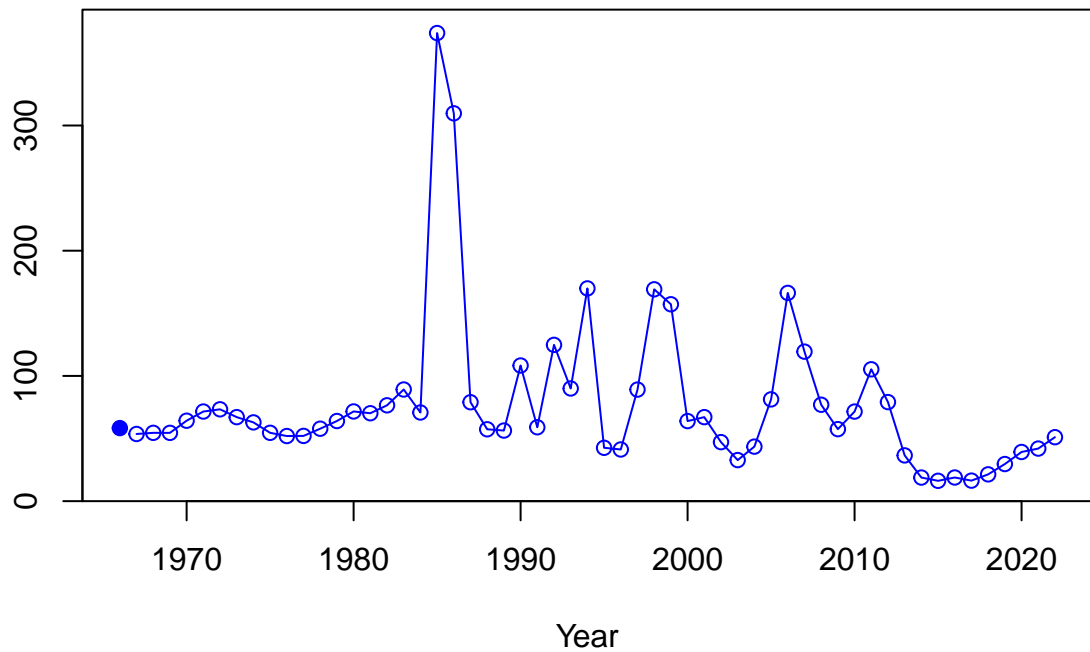
Relative spawning biomass: B/B_{MSY}



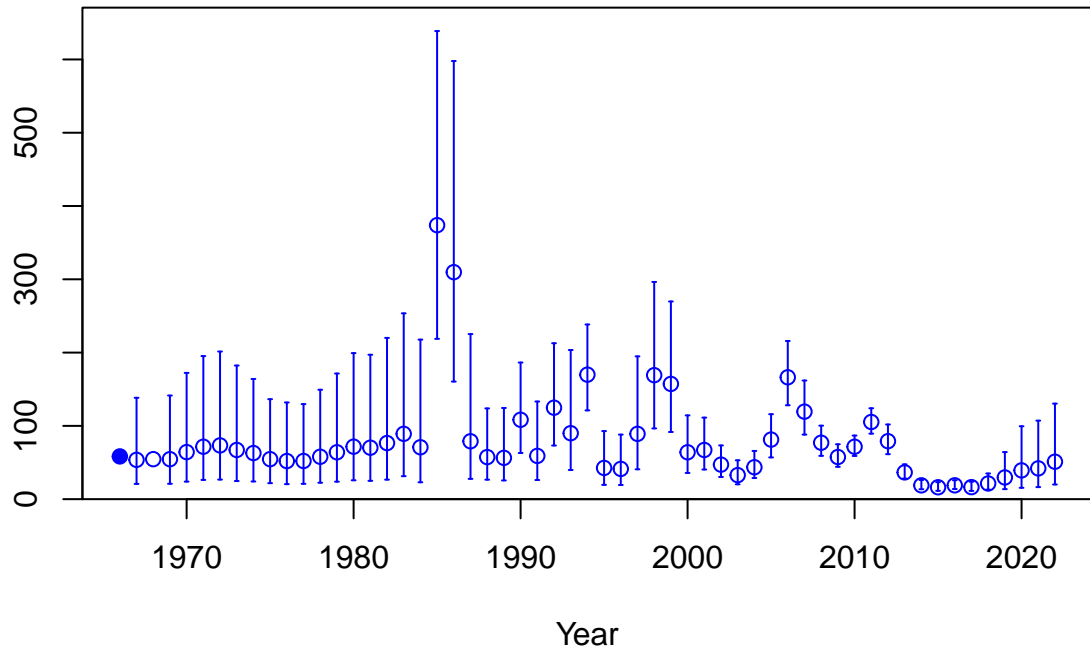




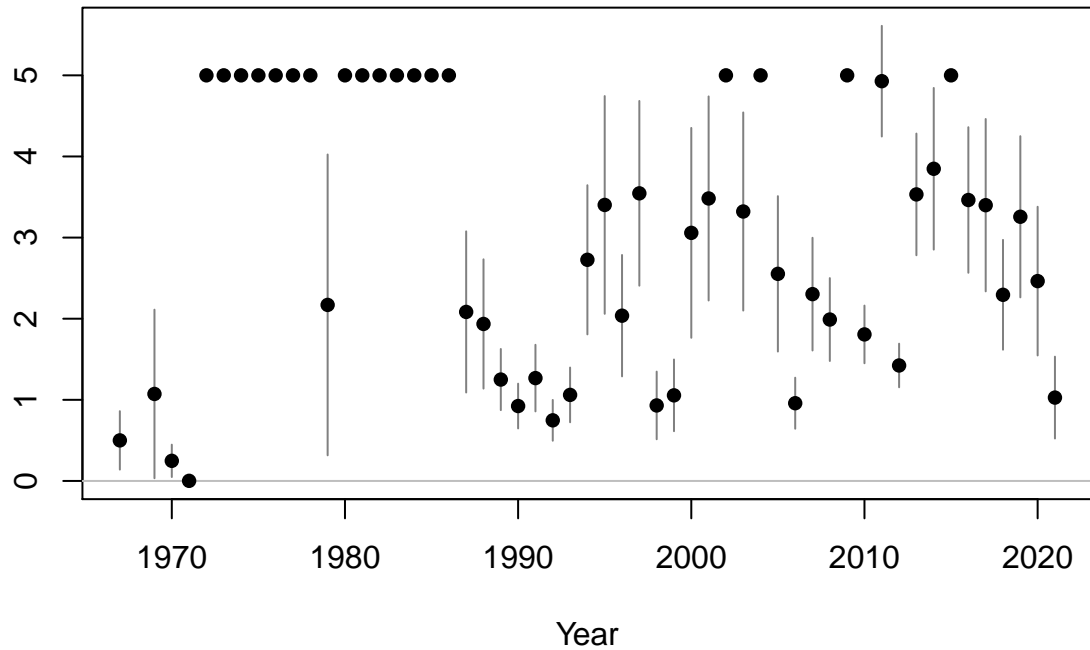
Age-0 recruits (1,000s)



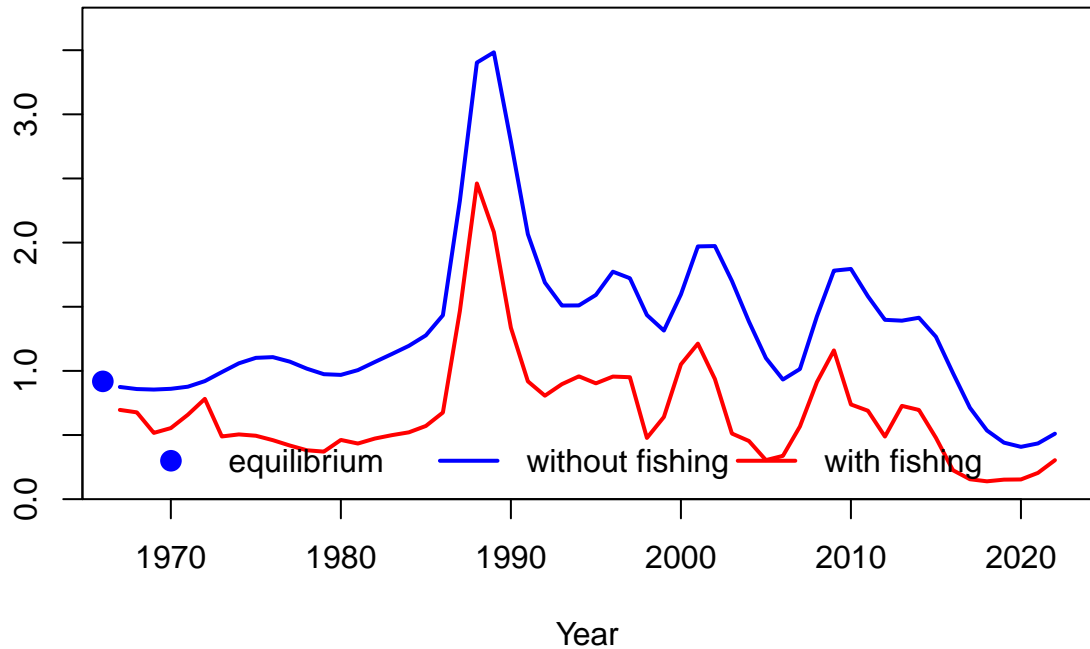
Age-0 recruits (1,000s)



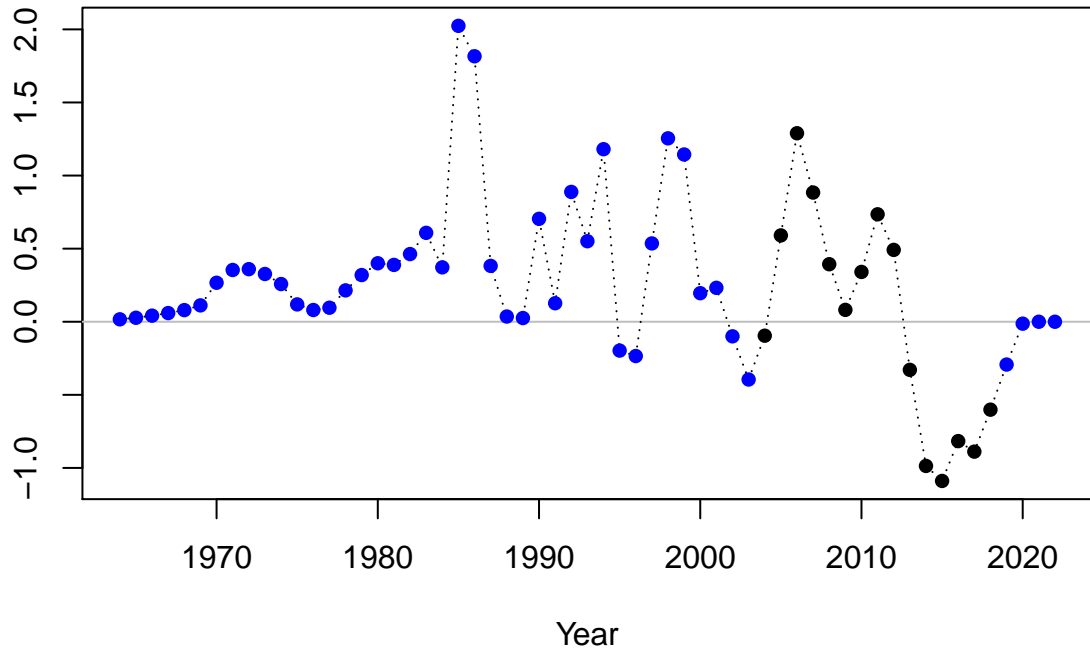
Summary Fishing Mortality



Spawning biomass (mt)

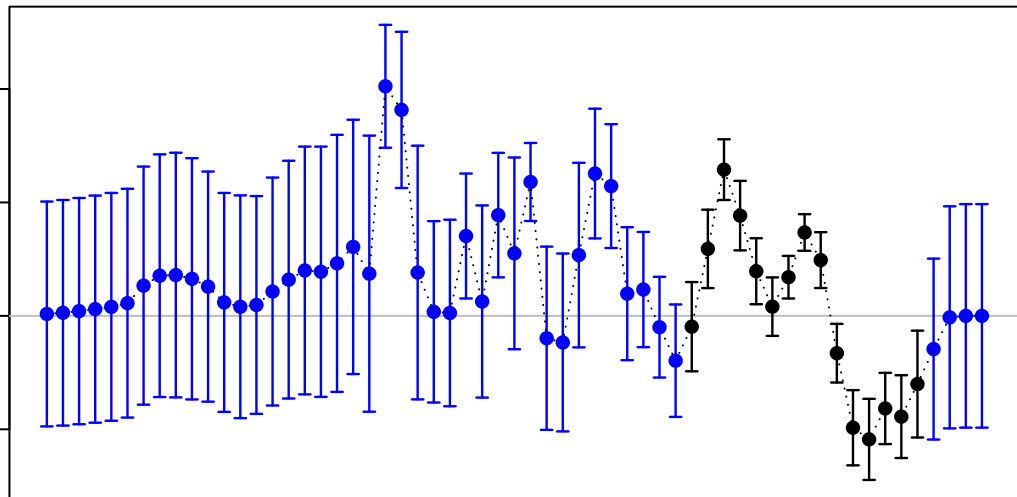


Log recruitment deviation



Log recruitment deviation

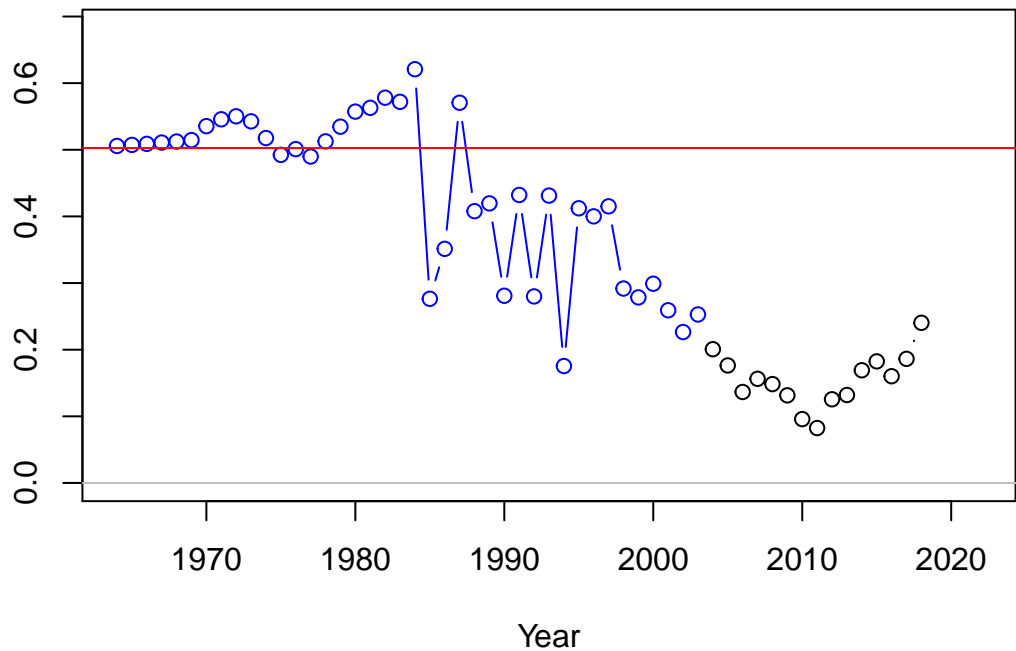
2
1
0
-1

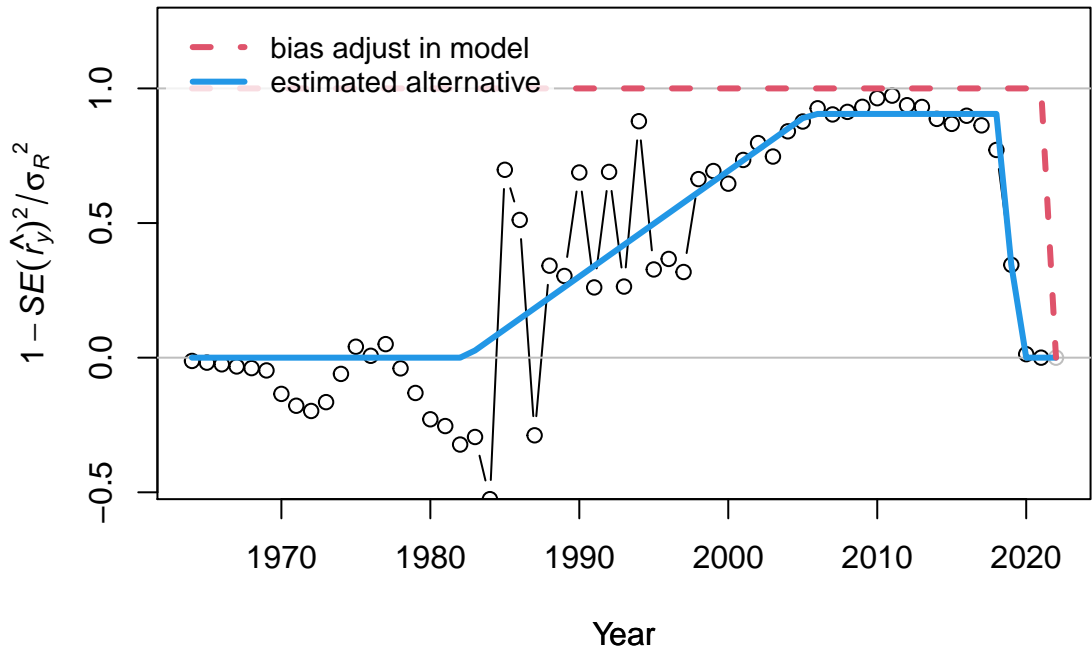


Year

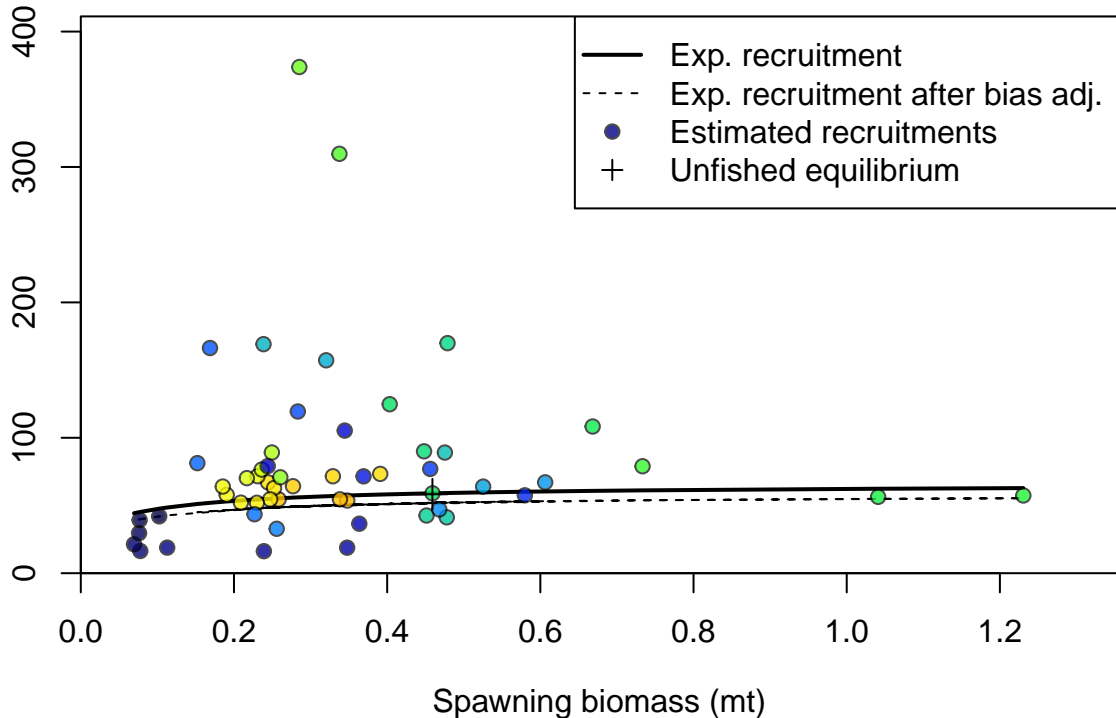
Recruitment deviation variance

Asymptotic standard error estimate

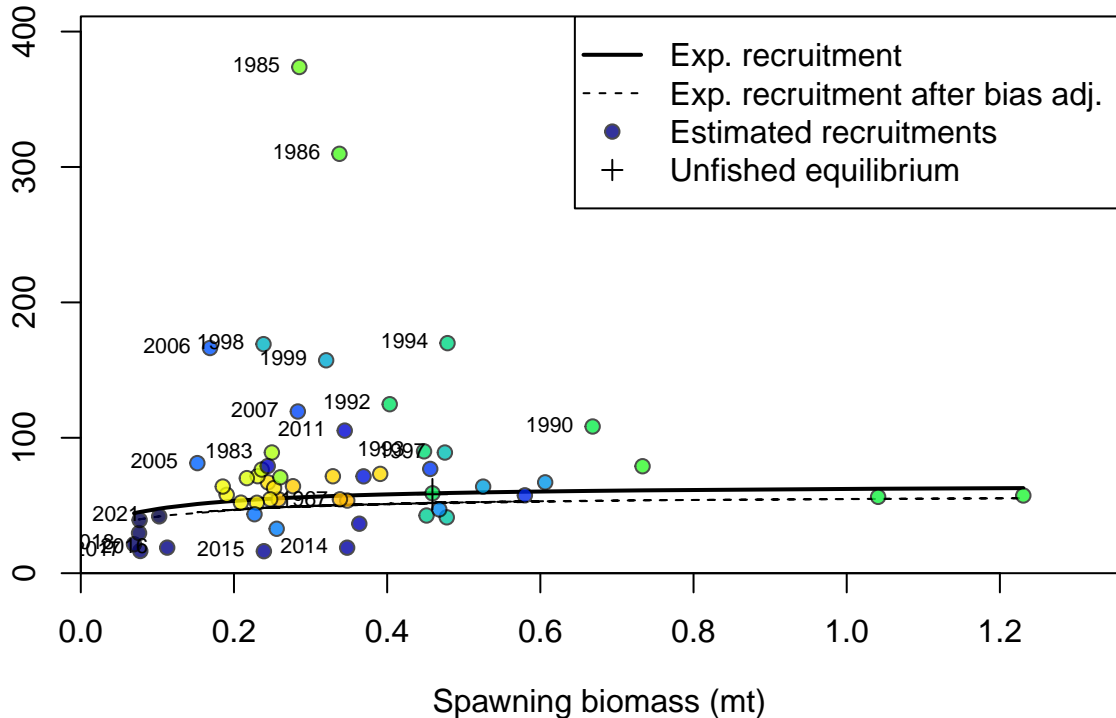




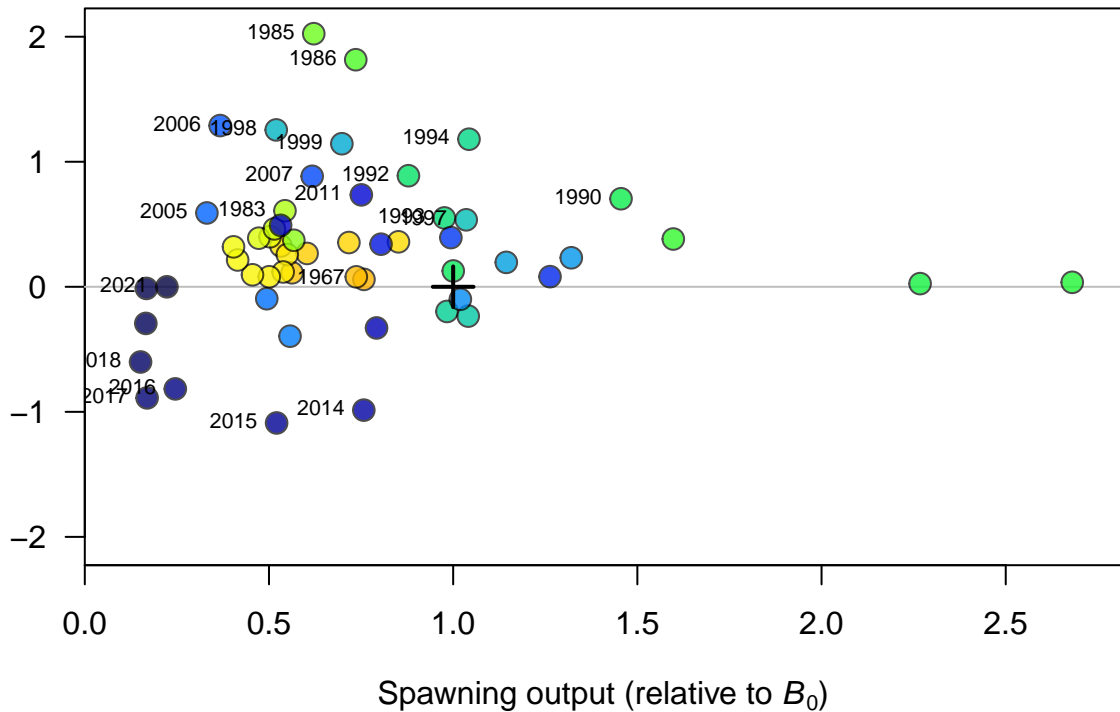
Recruitment (1,000s)

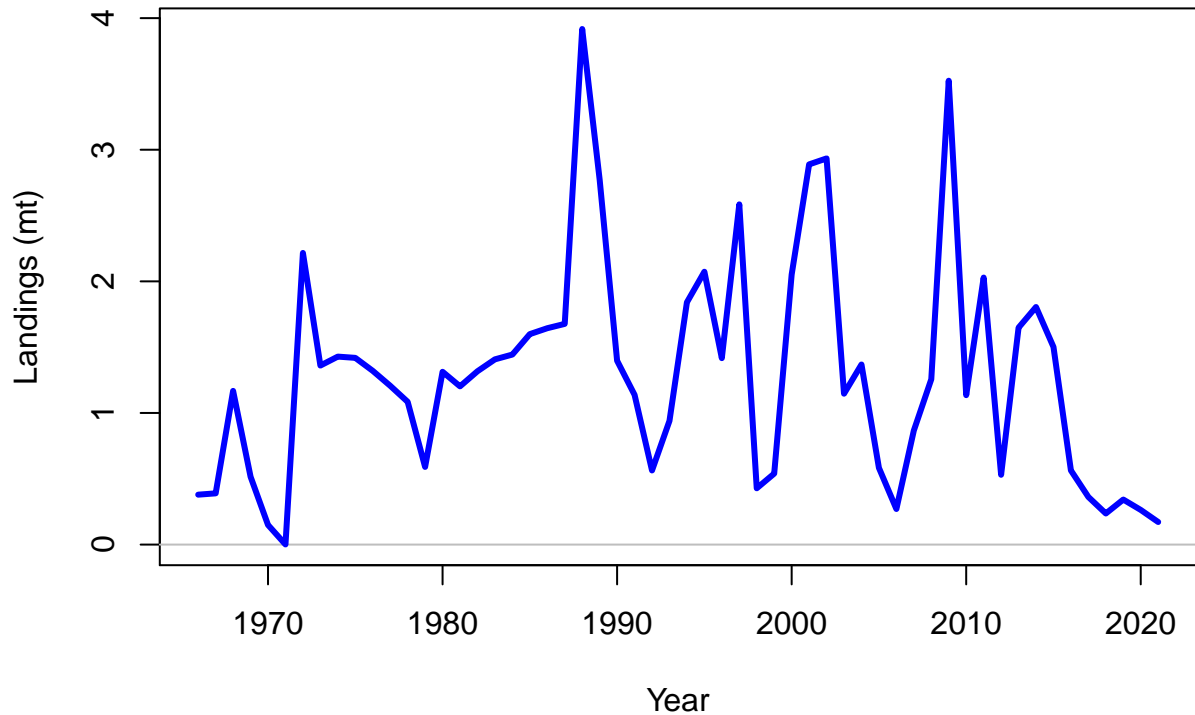


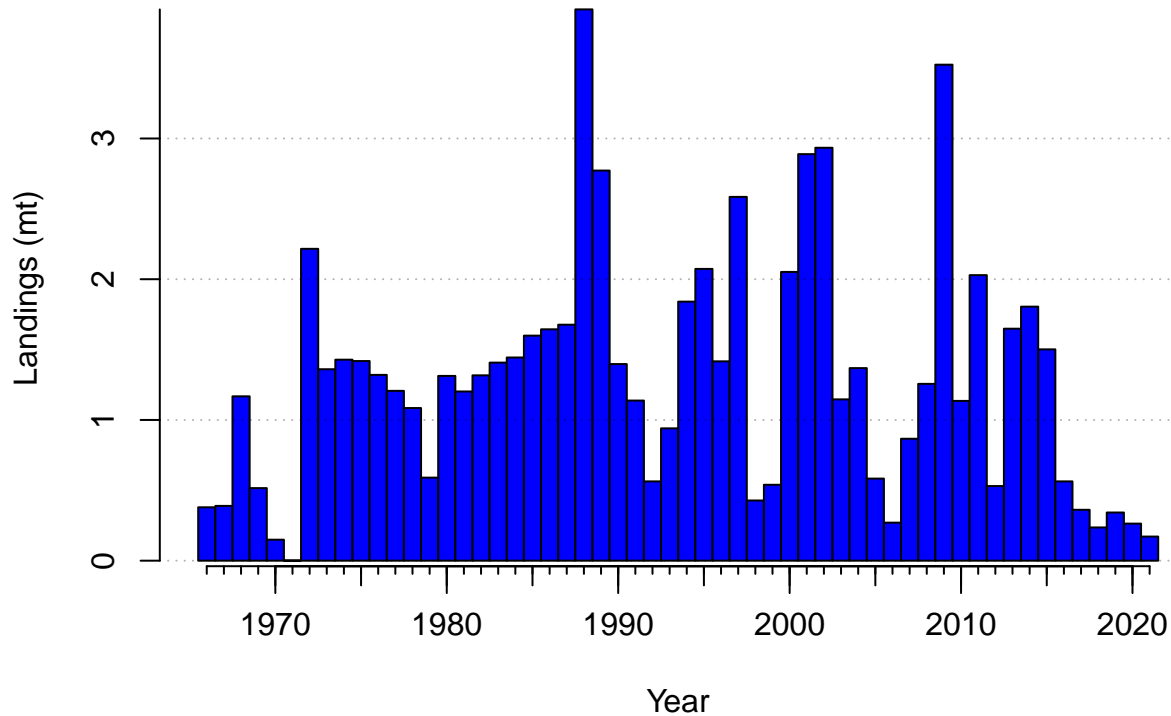
Recruitment (1,000s)



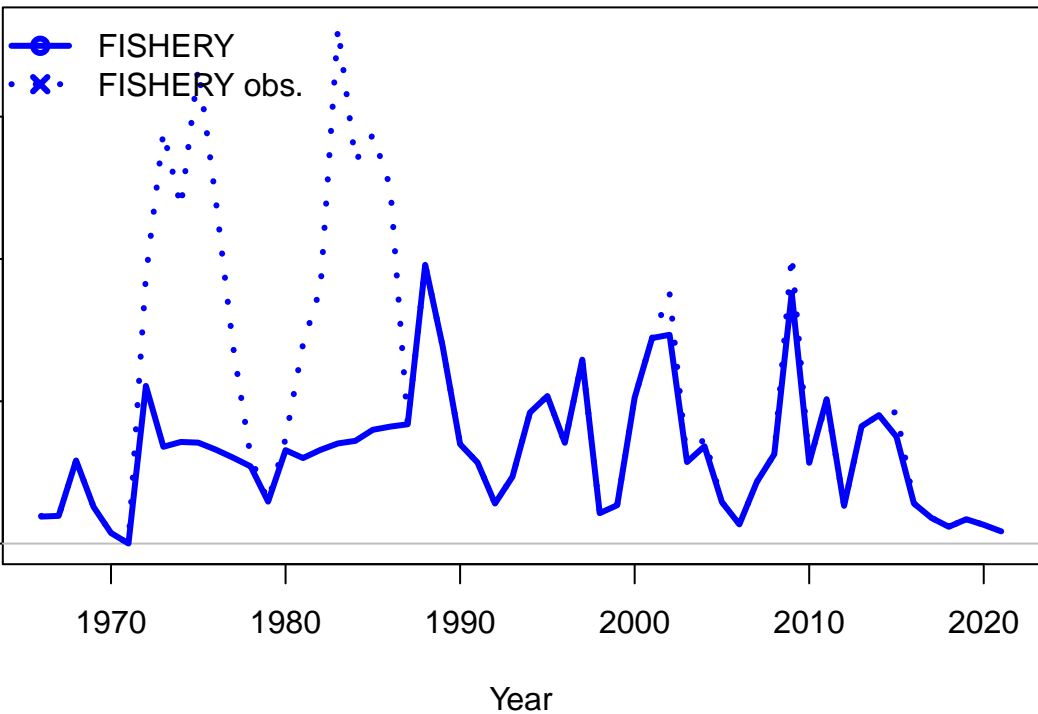
Log recruitment deviation

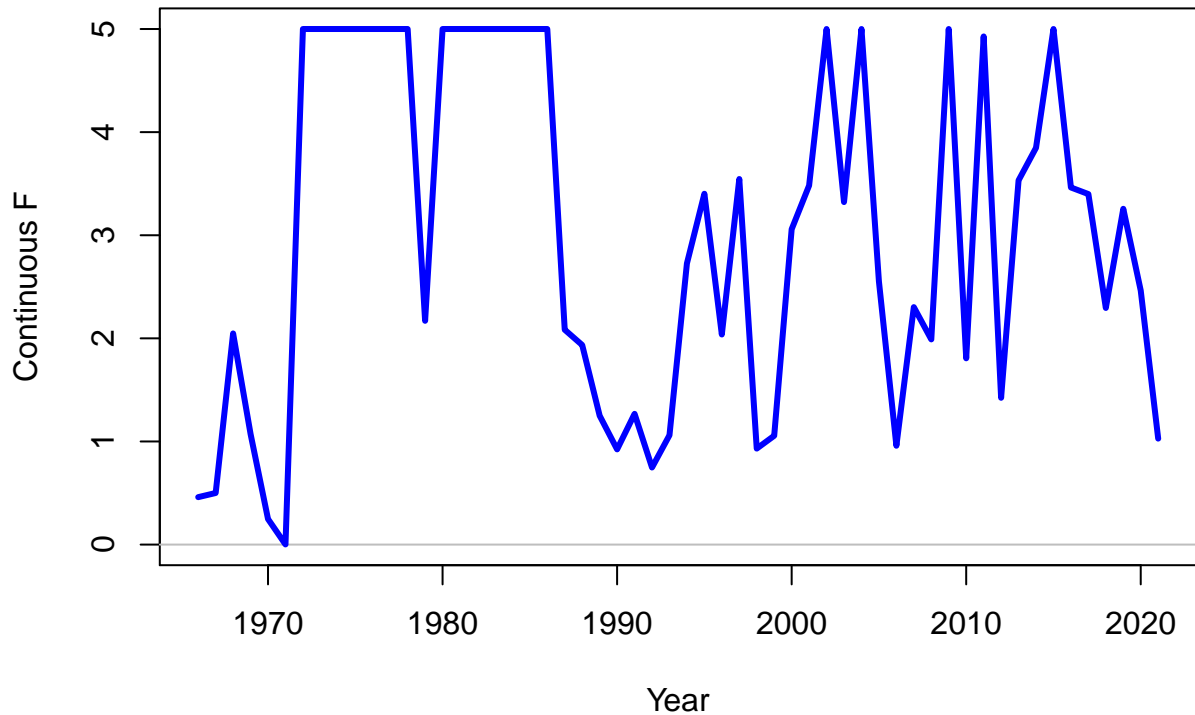




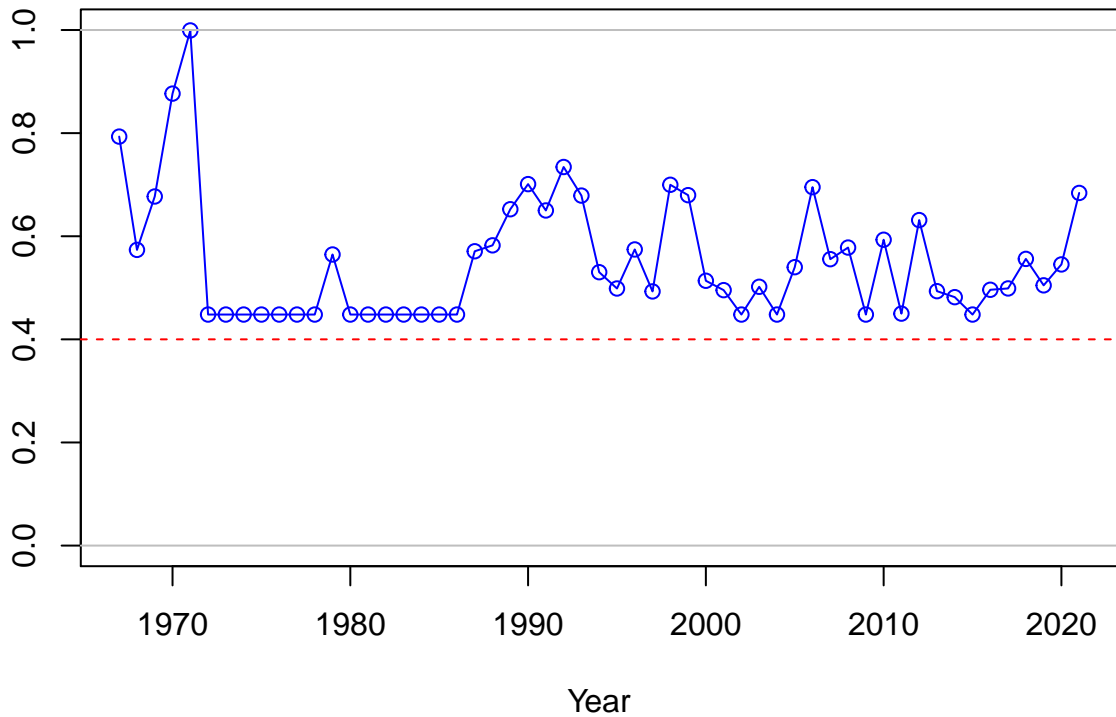


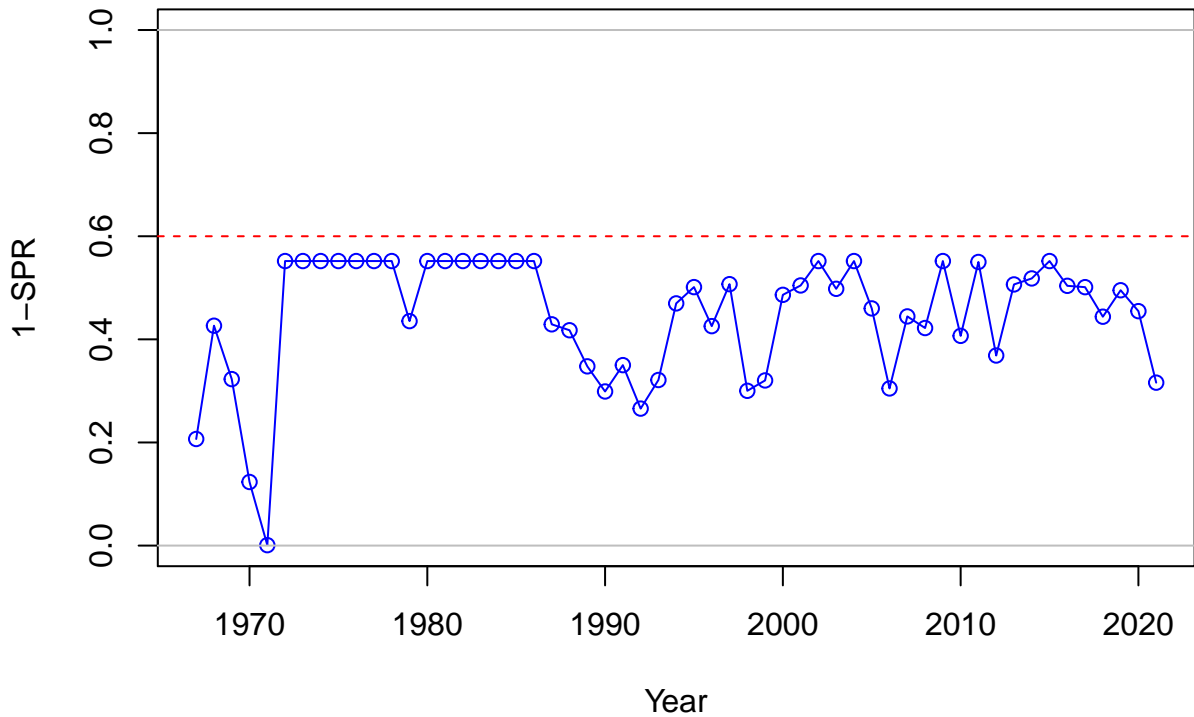
Observed and expected Landings (mt)



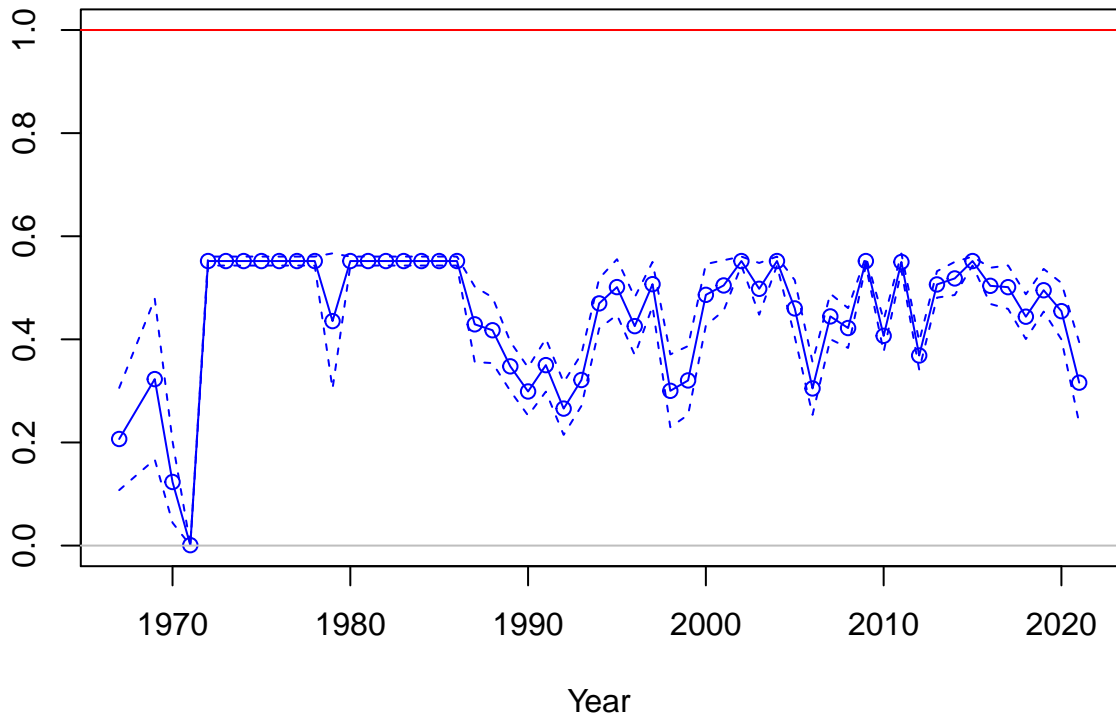


SPR

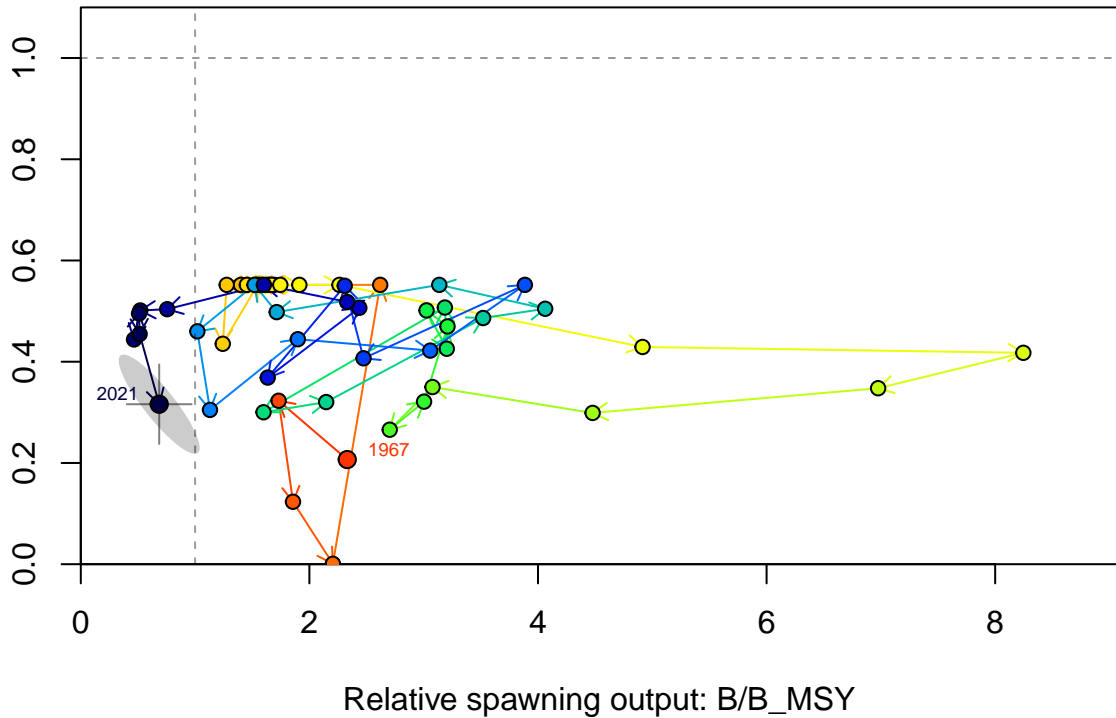




Fishing intensity: 1-SPR



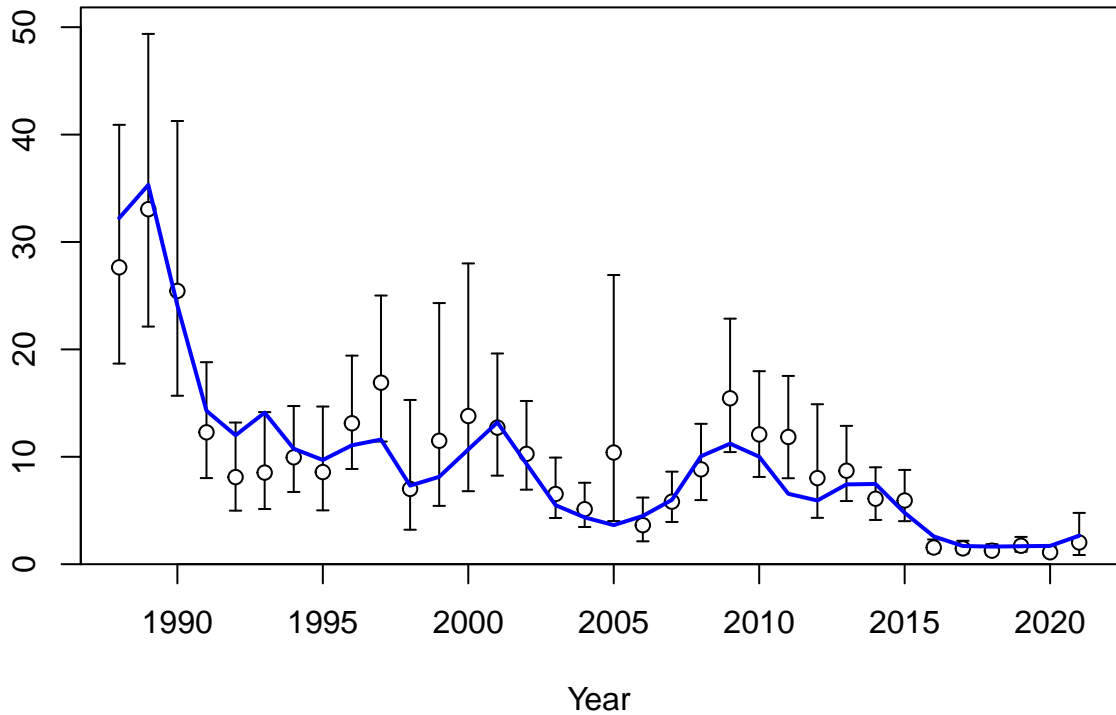
Fishing intensity: 1-SPR



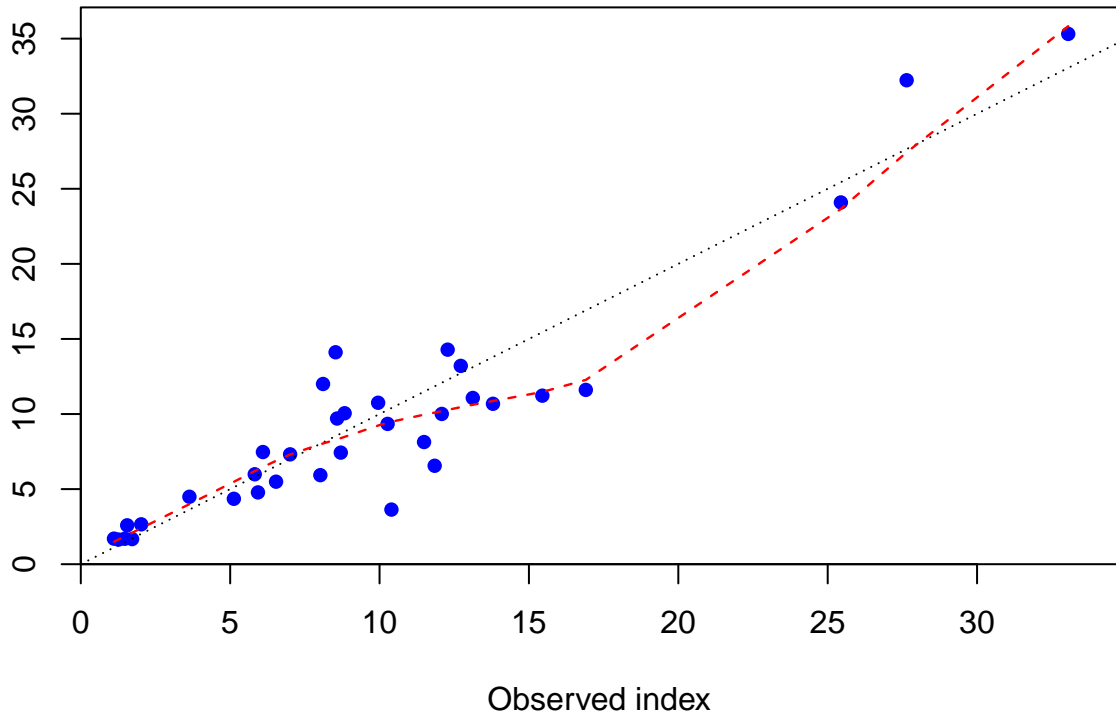
Index



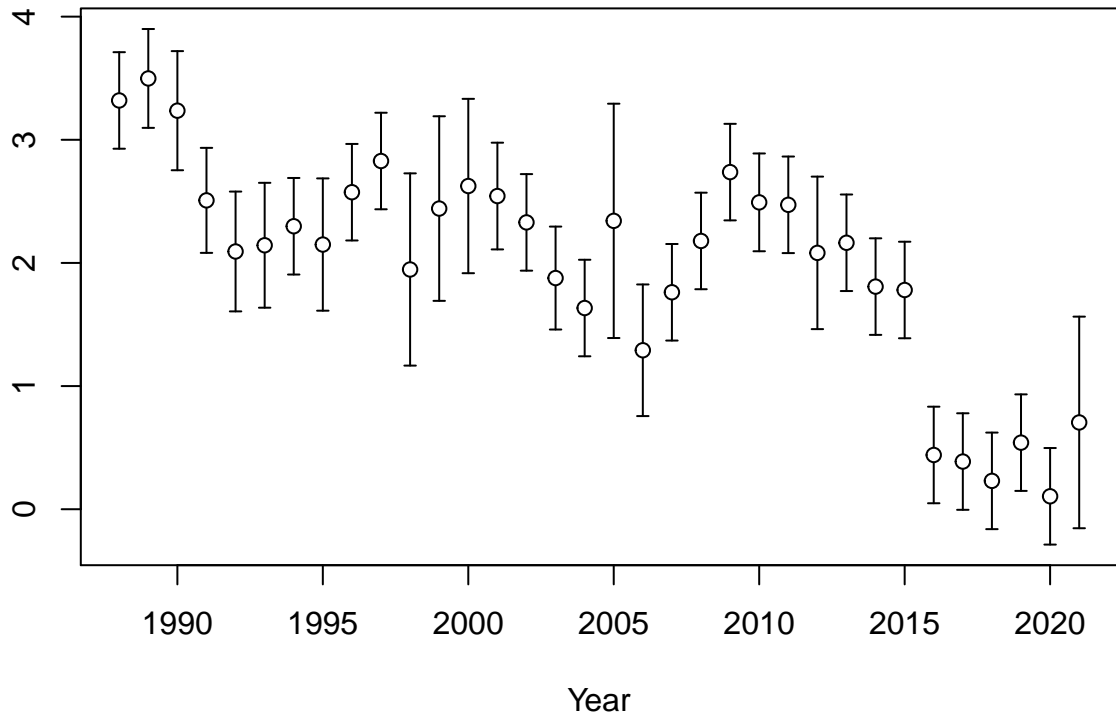
Index



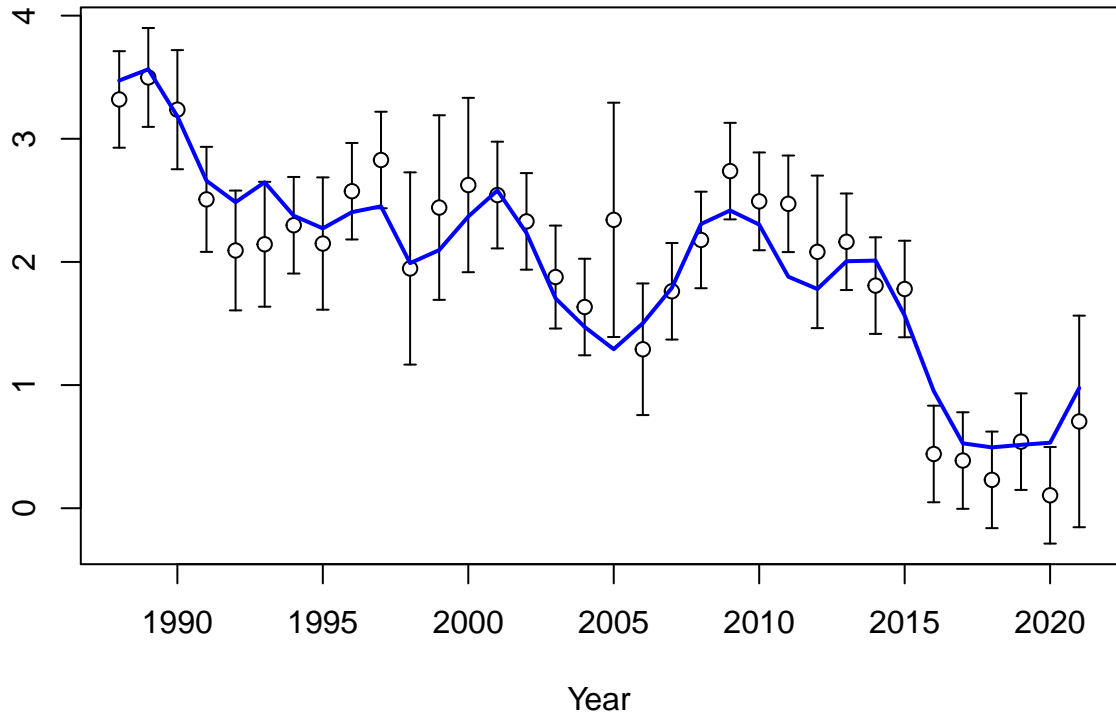
Expected index

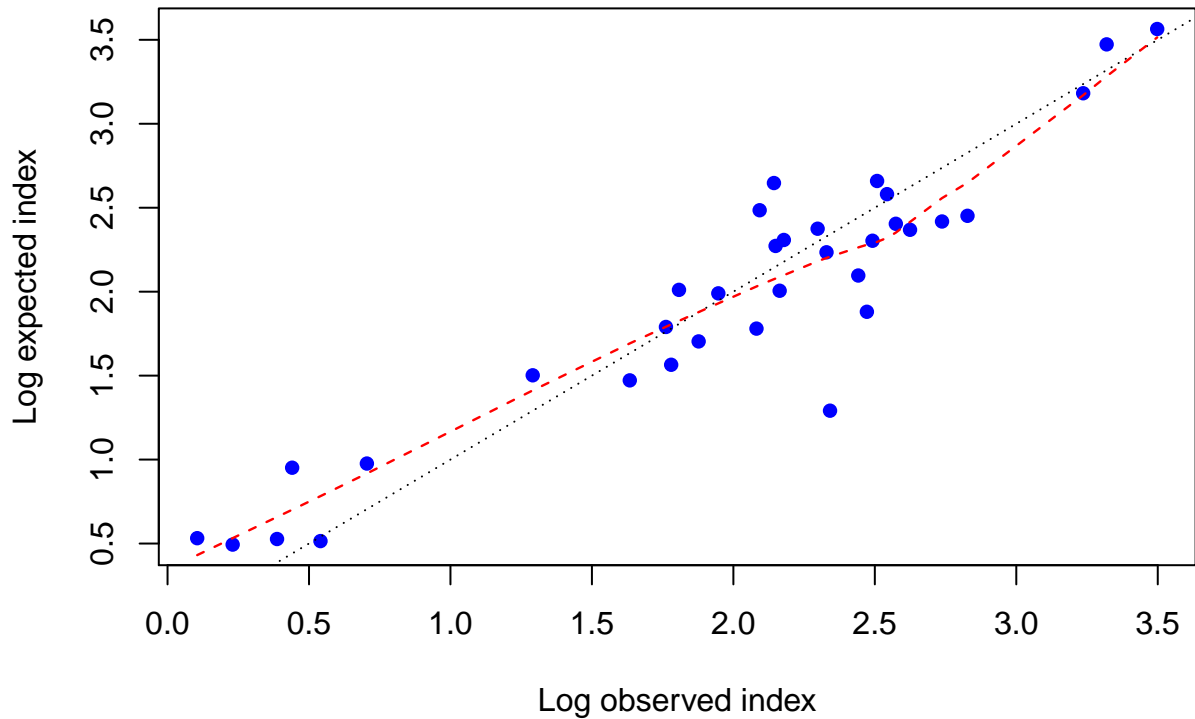


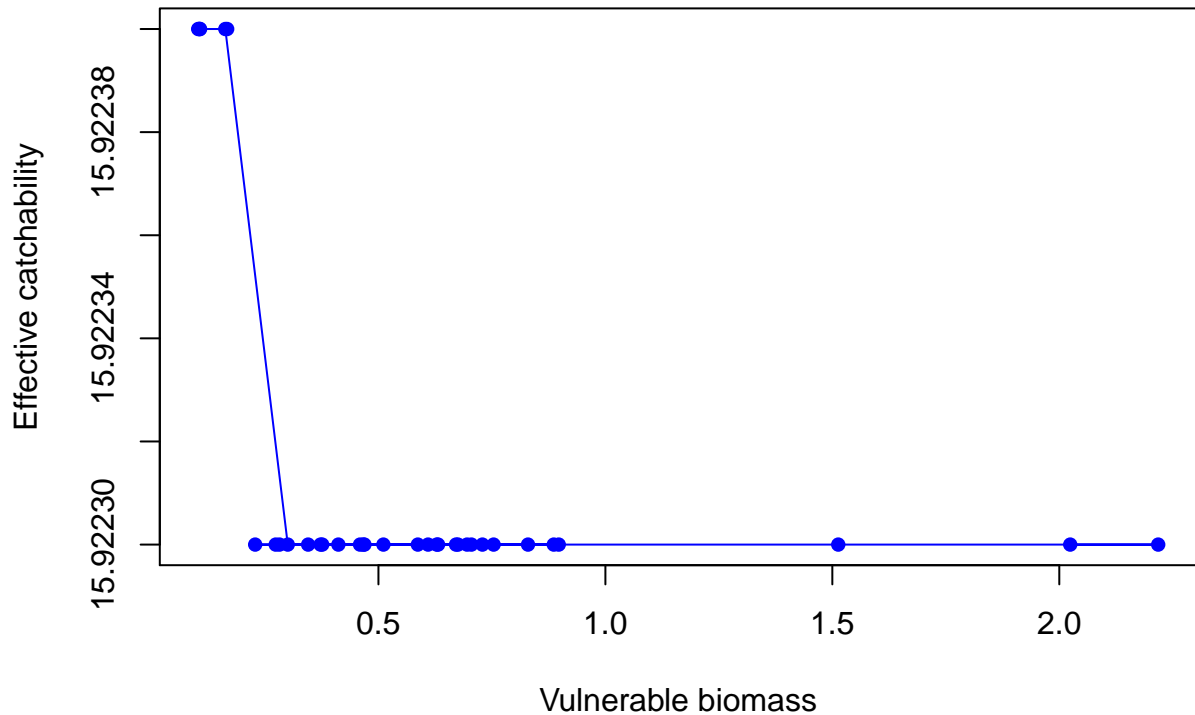
Log index



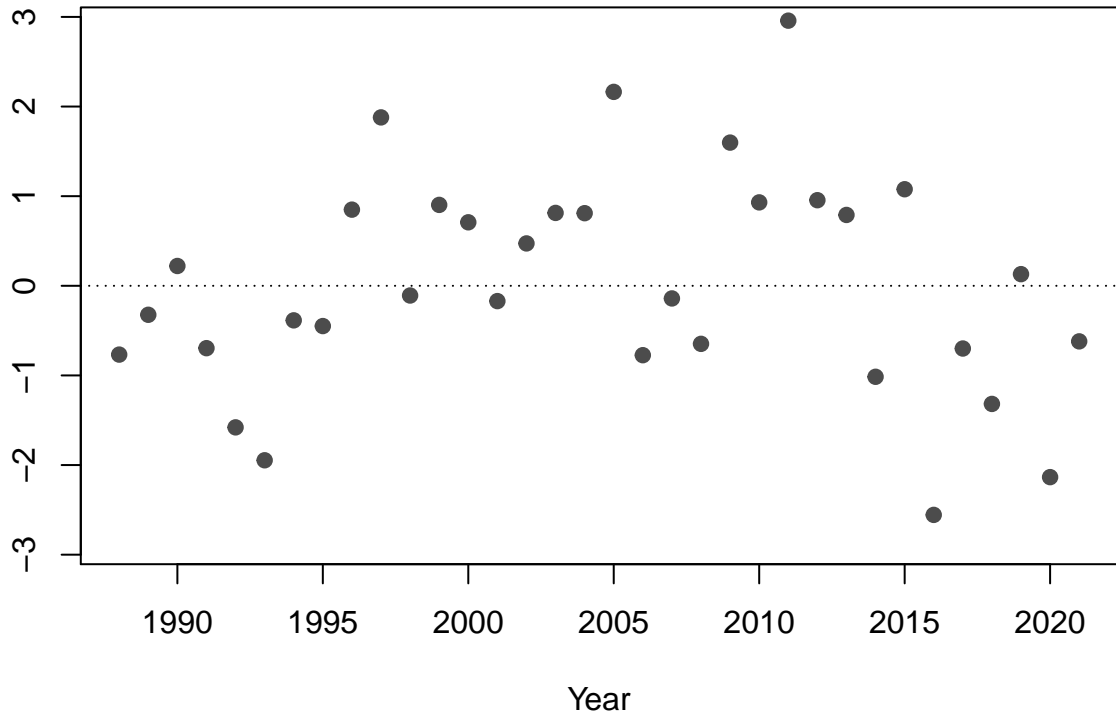
Log index

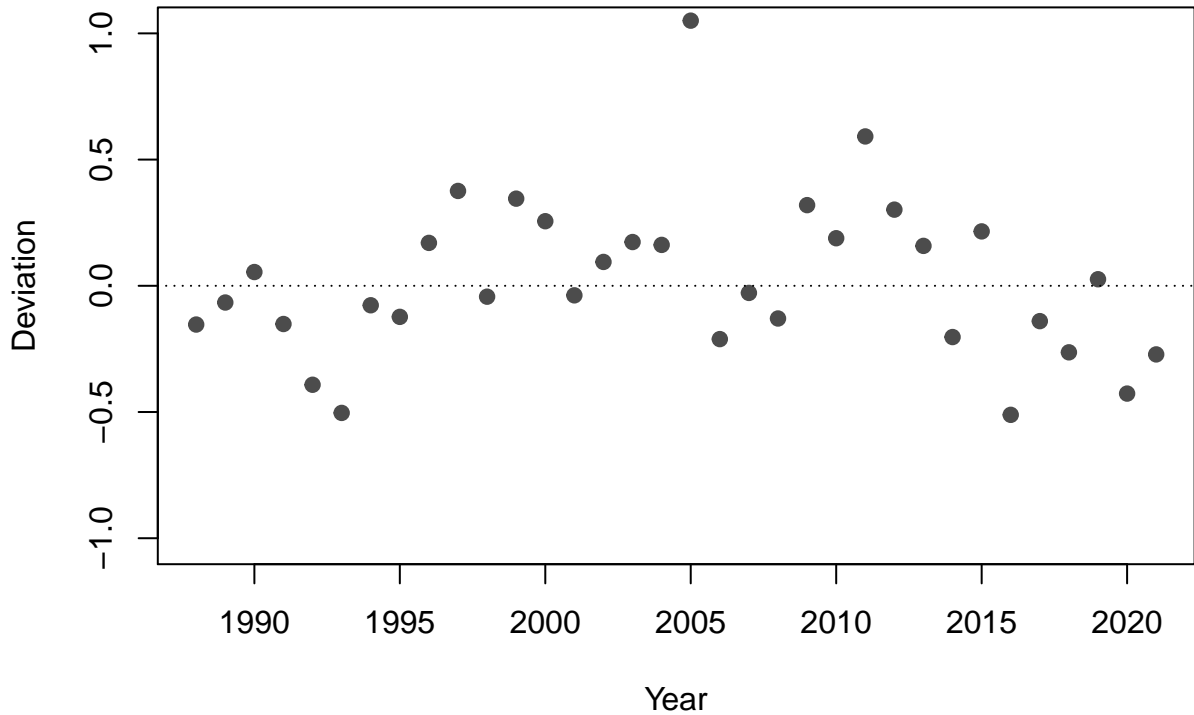


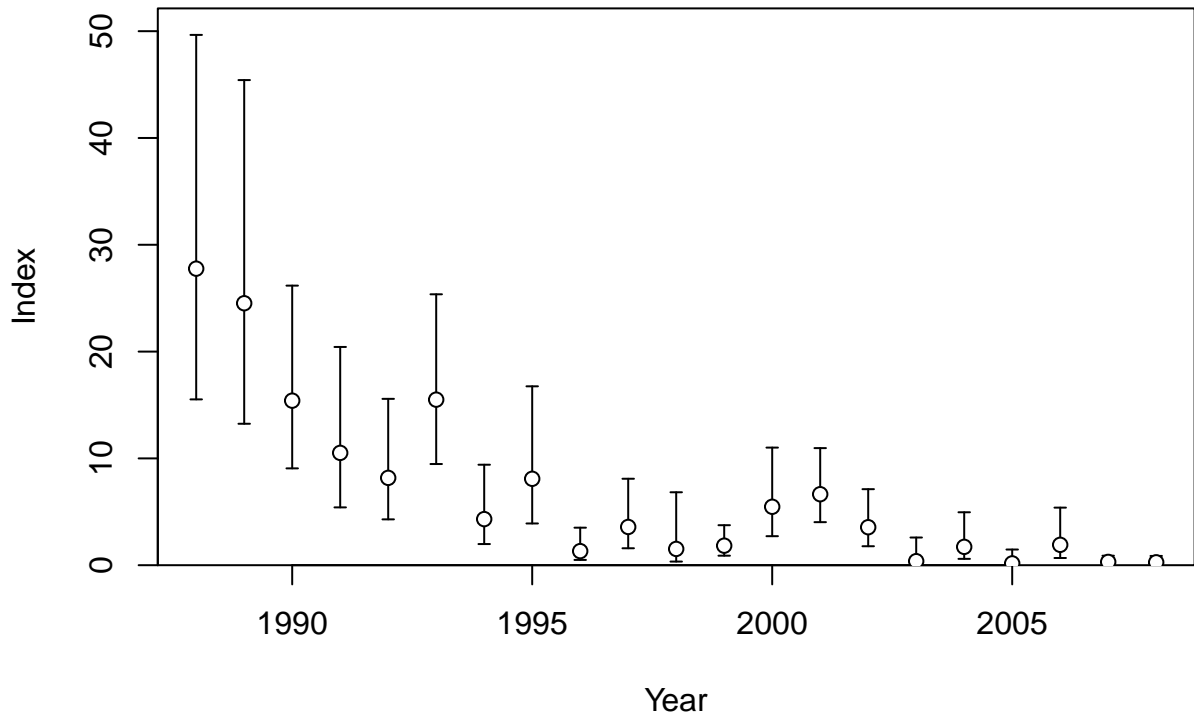


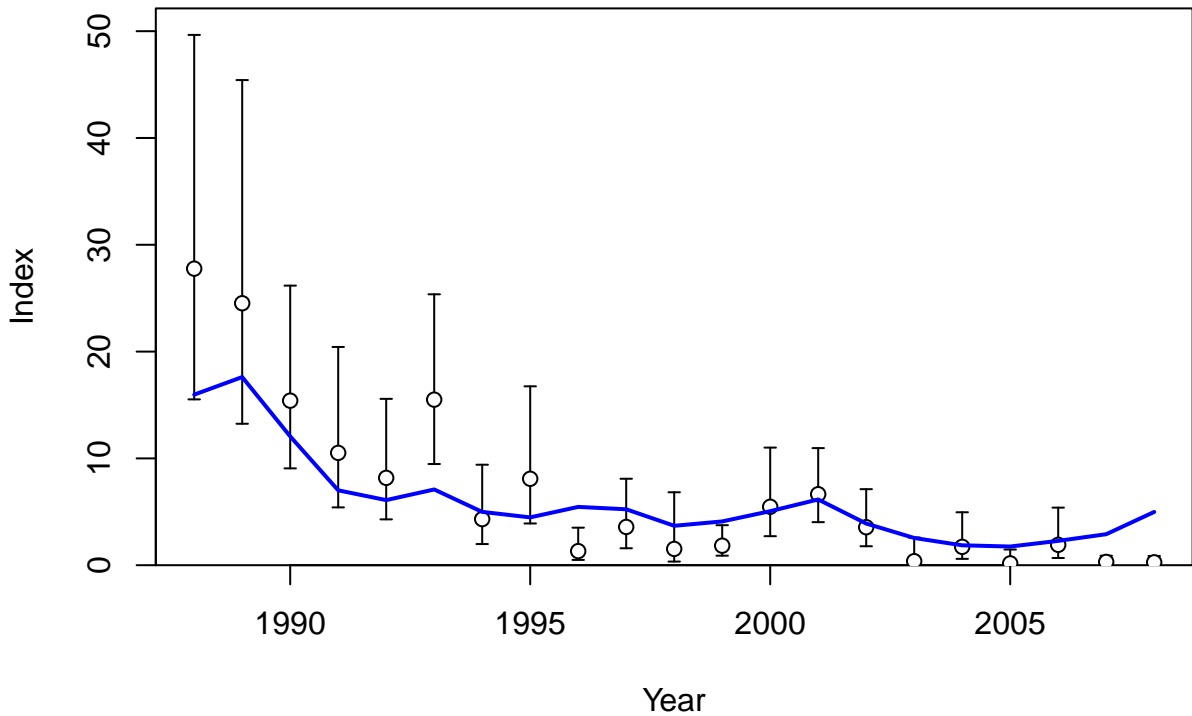


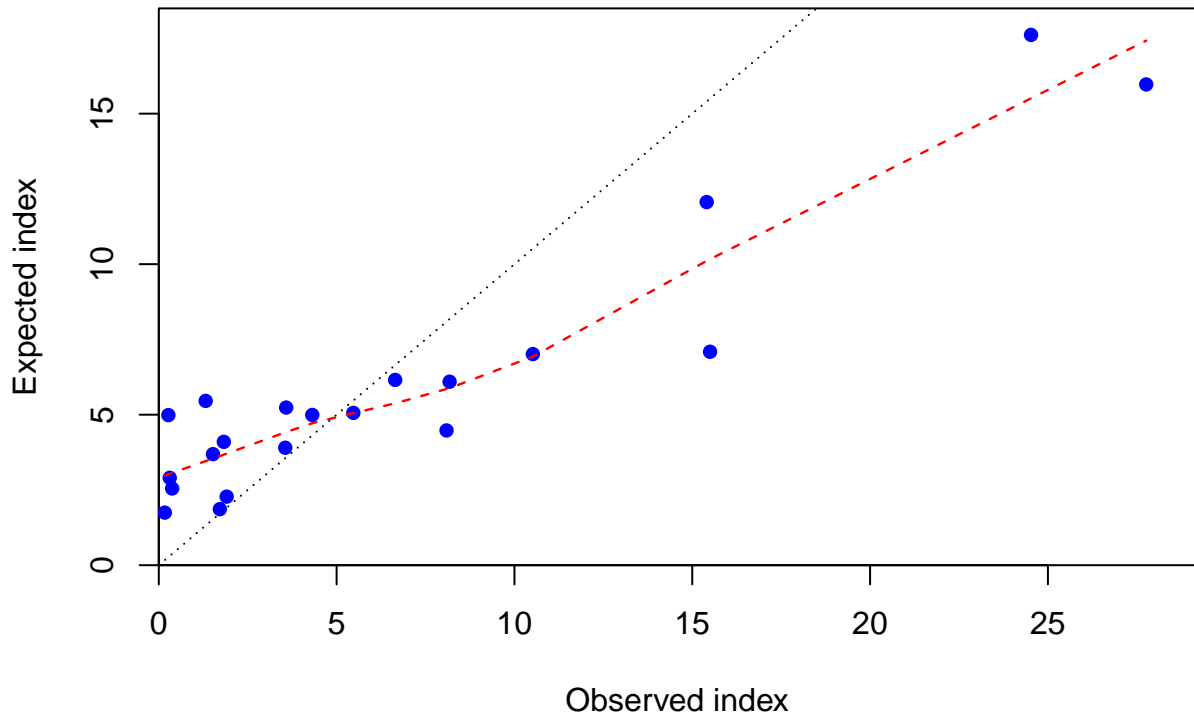
Residual

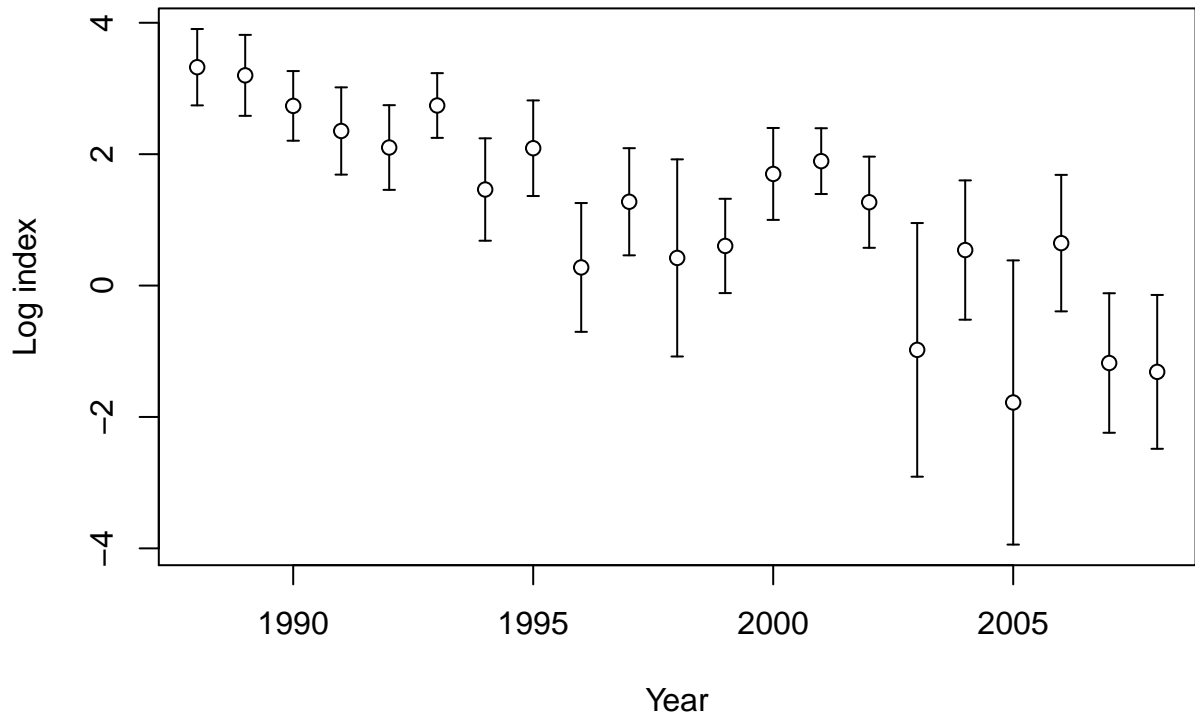


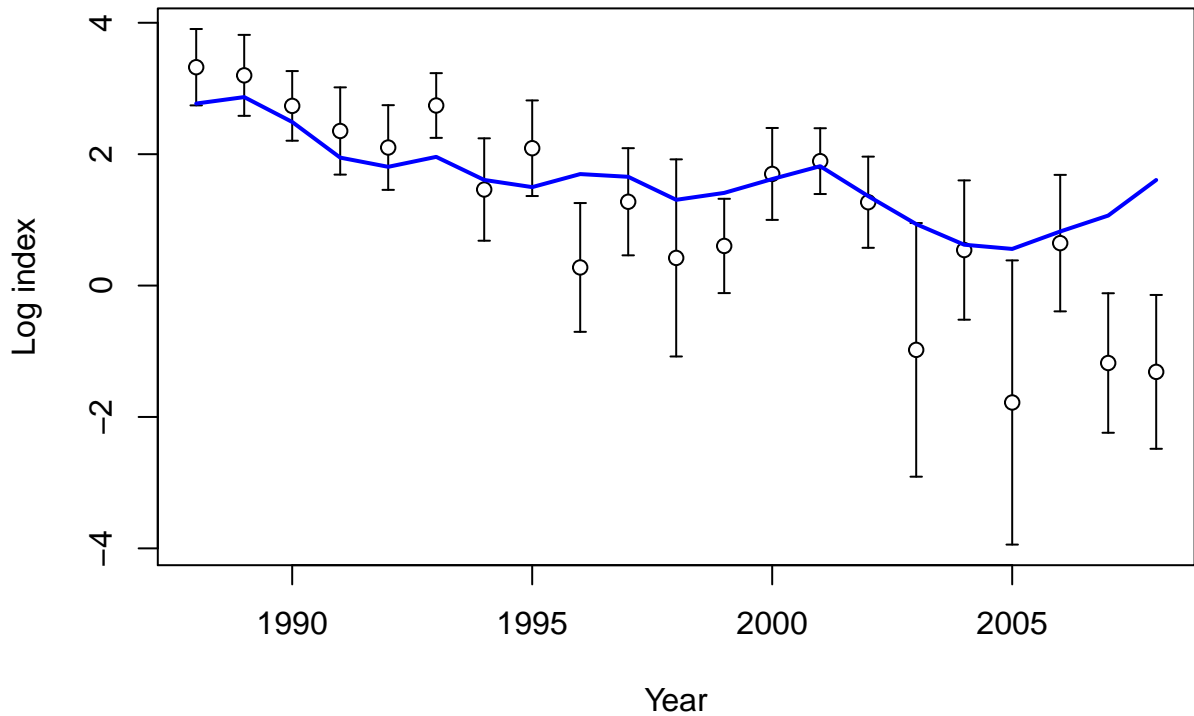


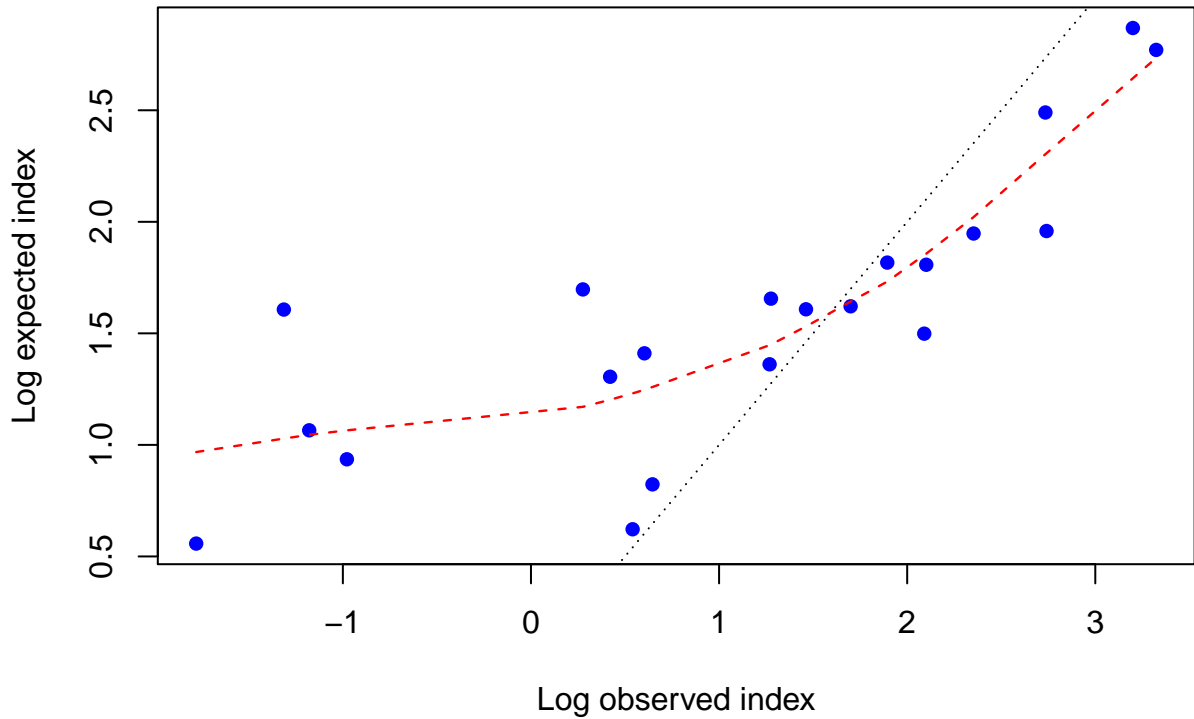


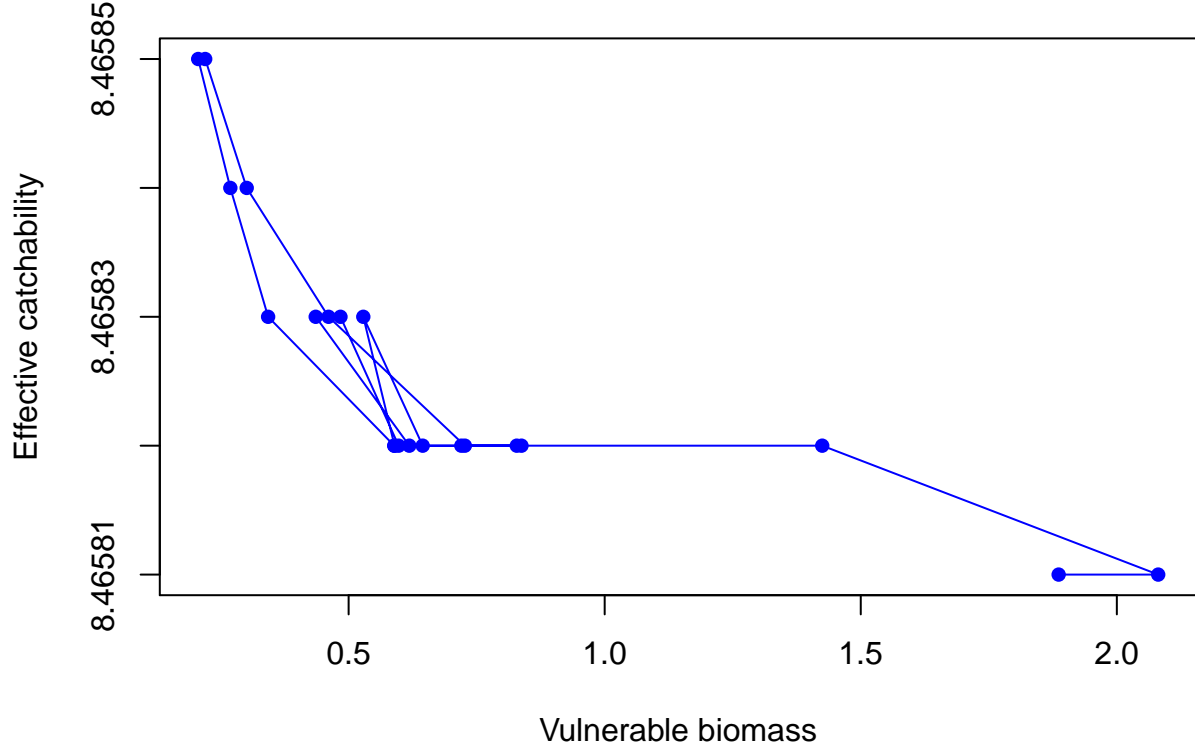


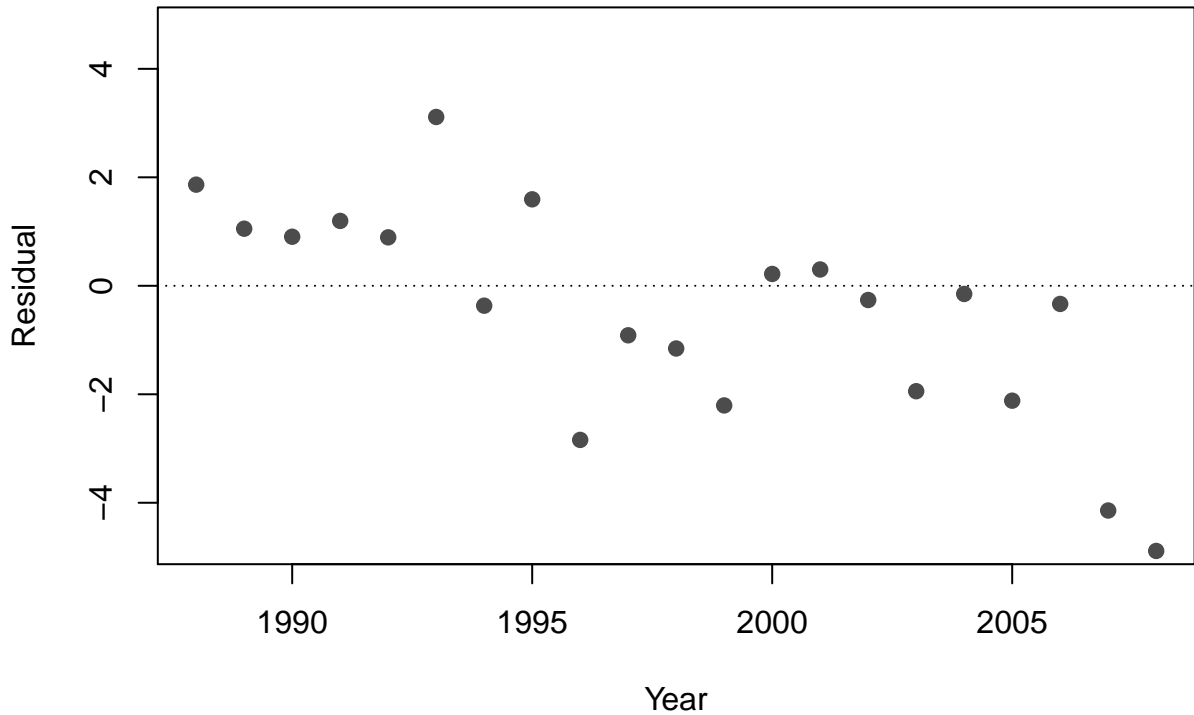




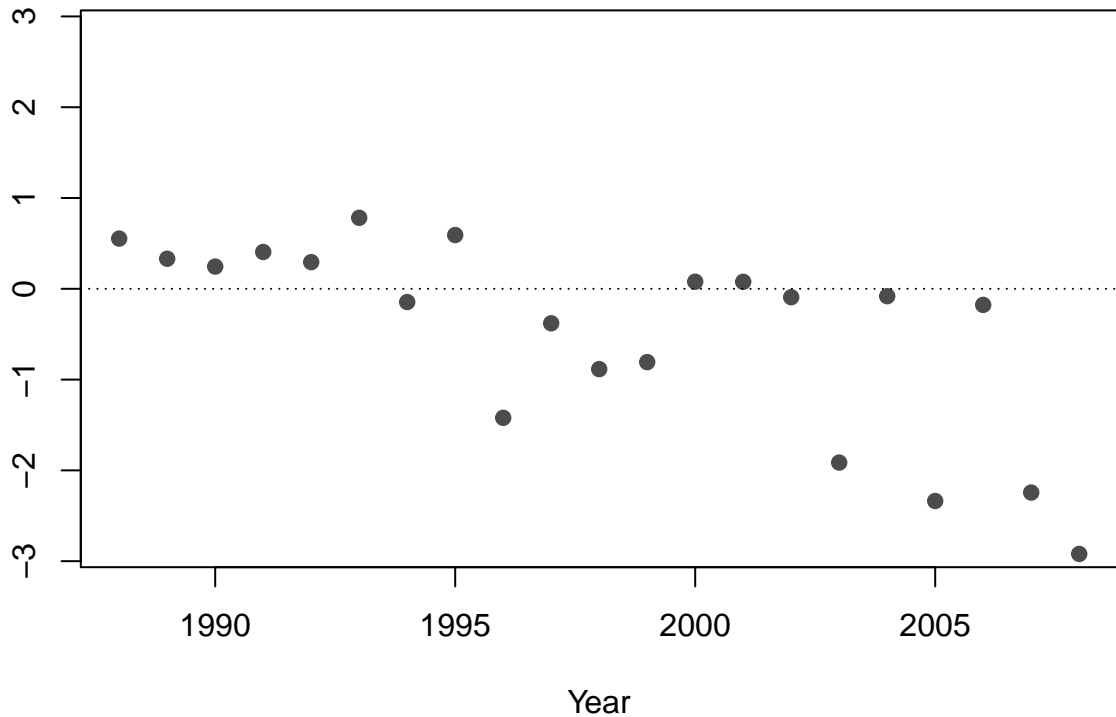


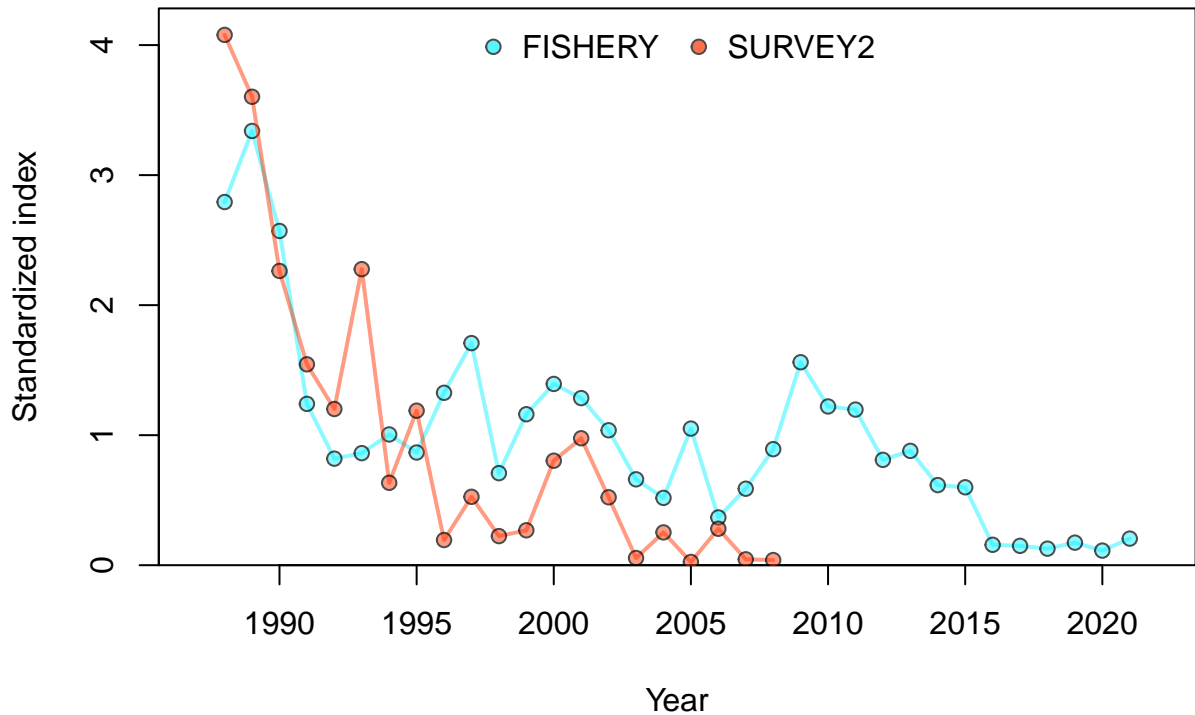


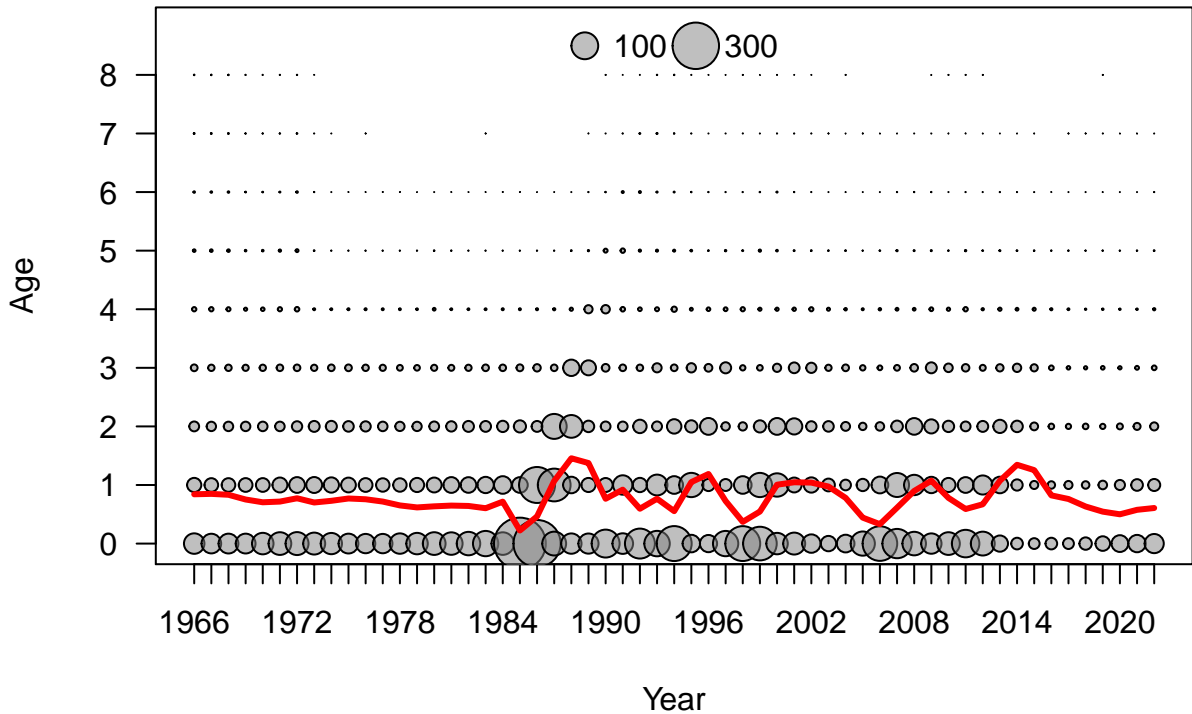




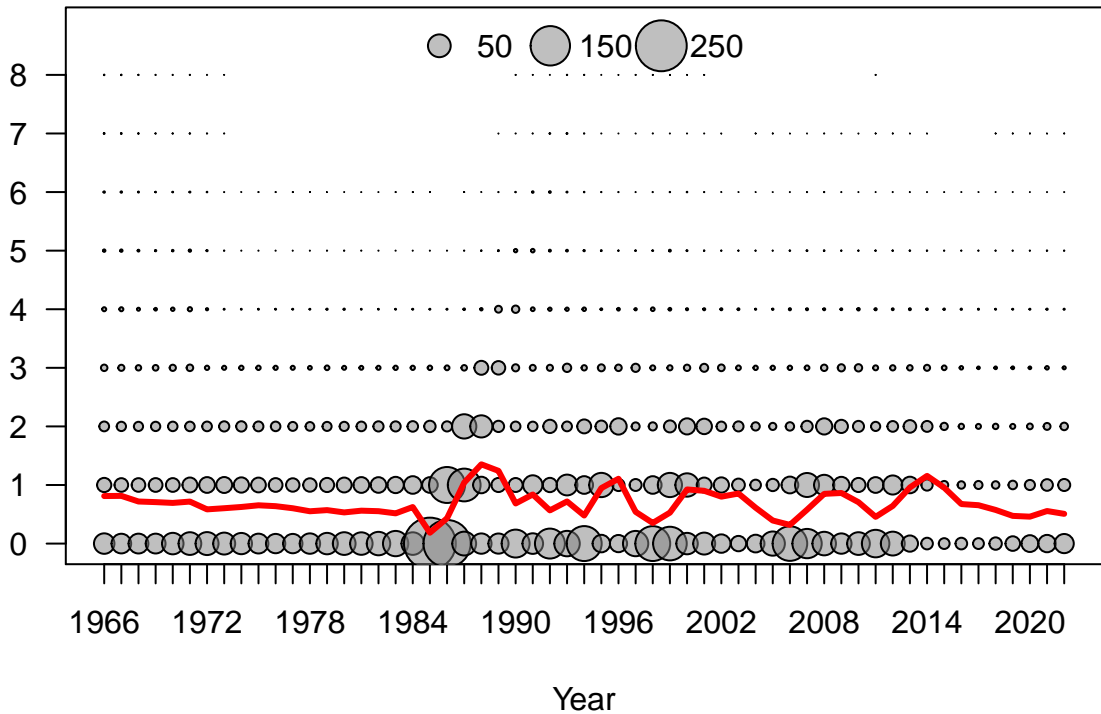
Deviation

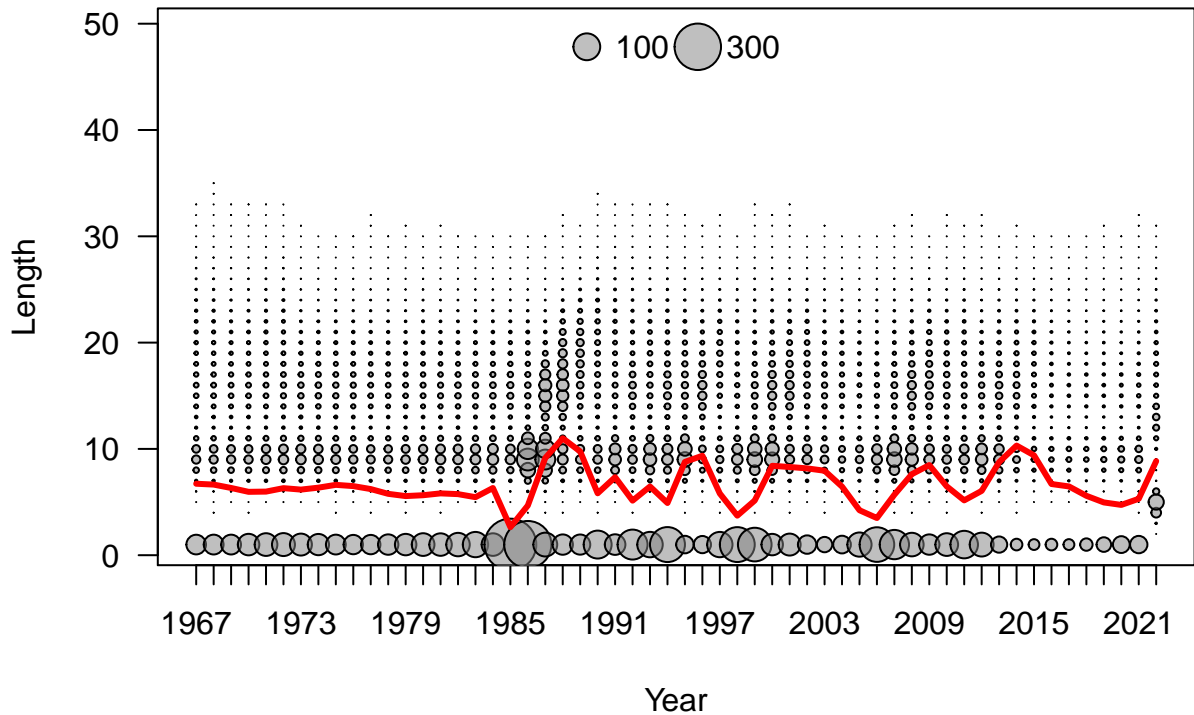


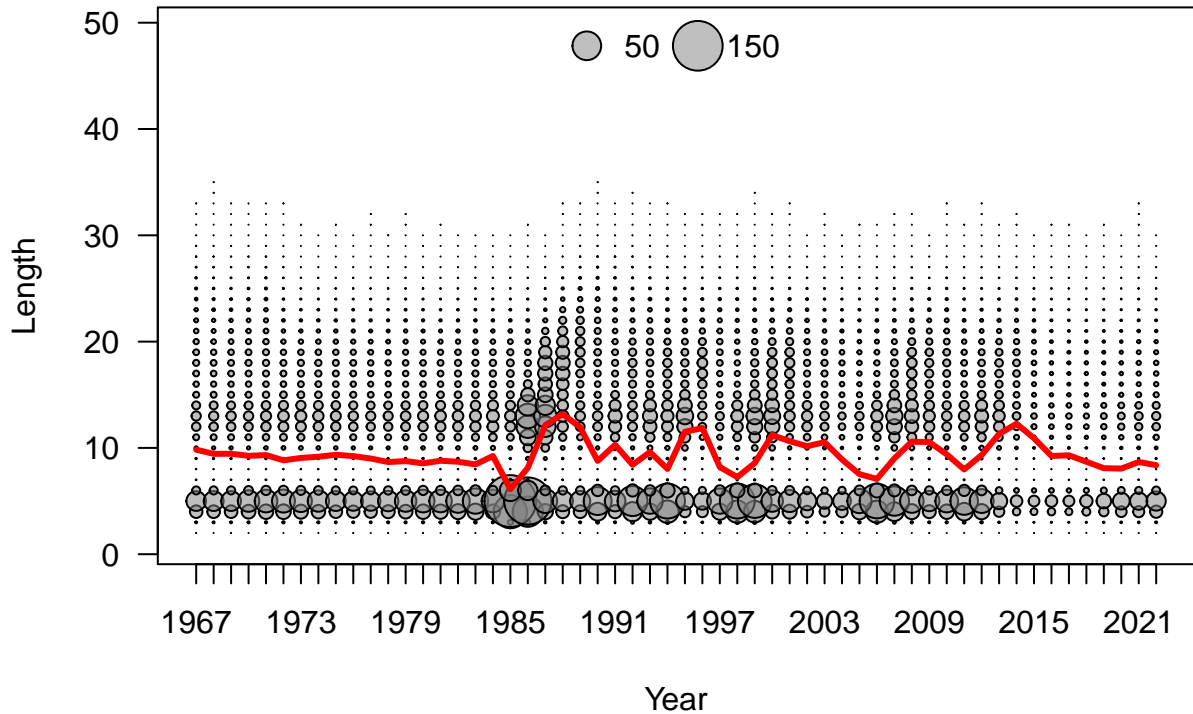


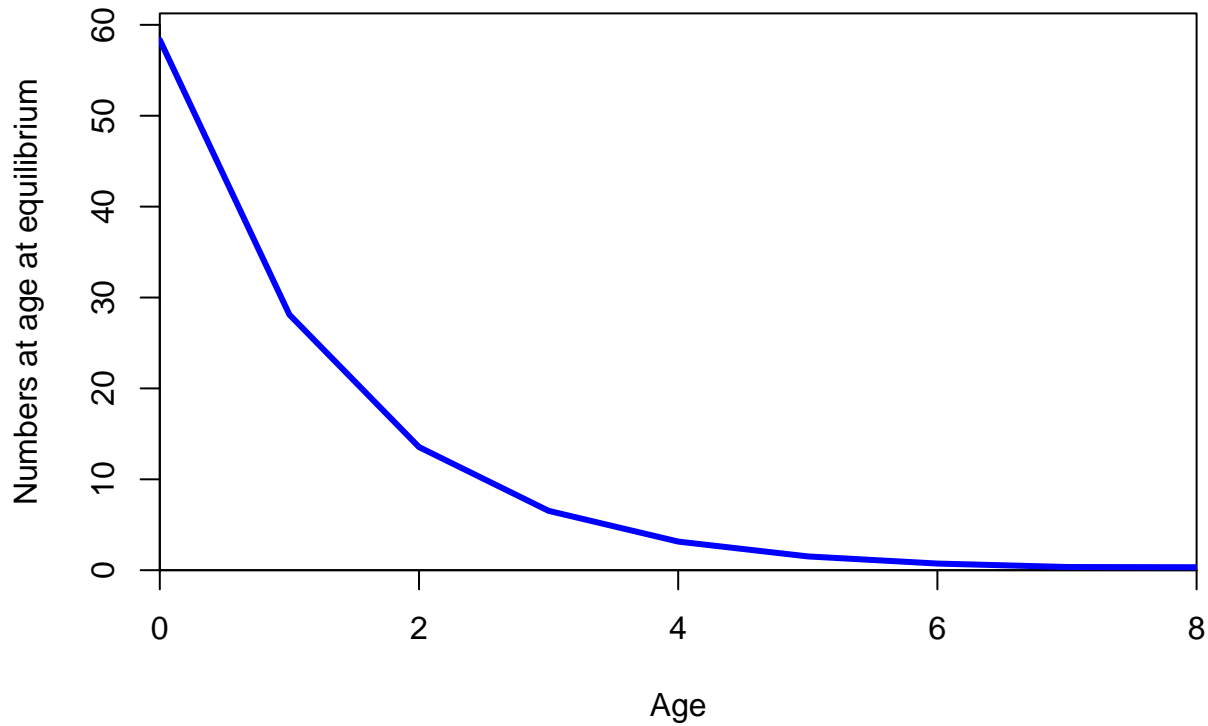


Age



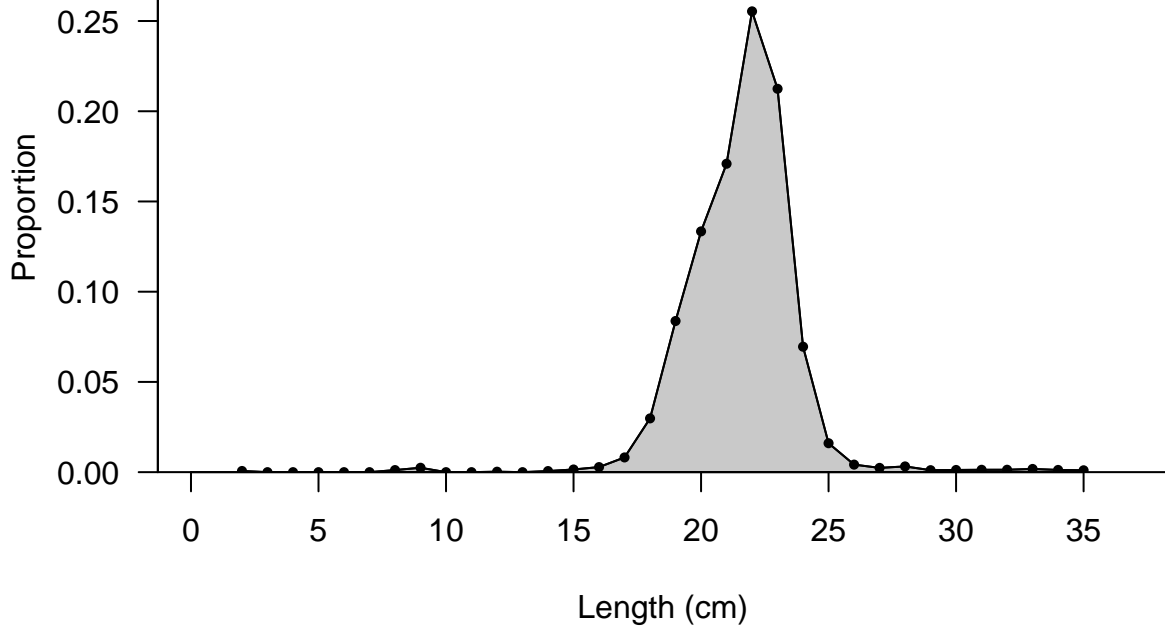


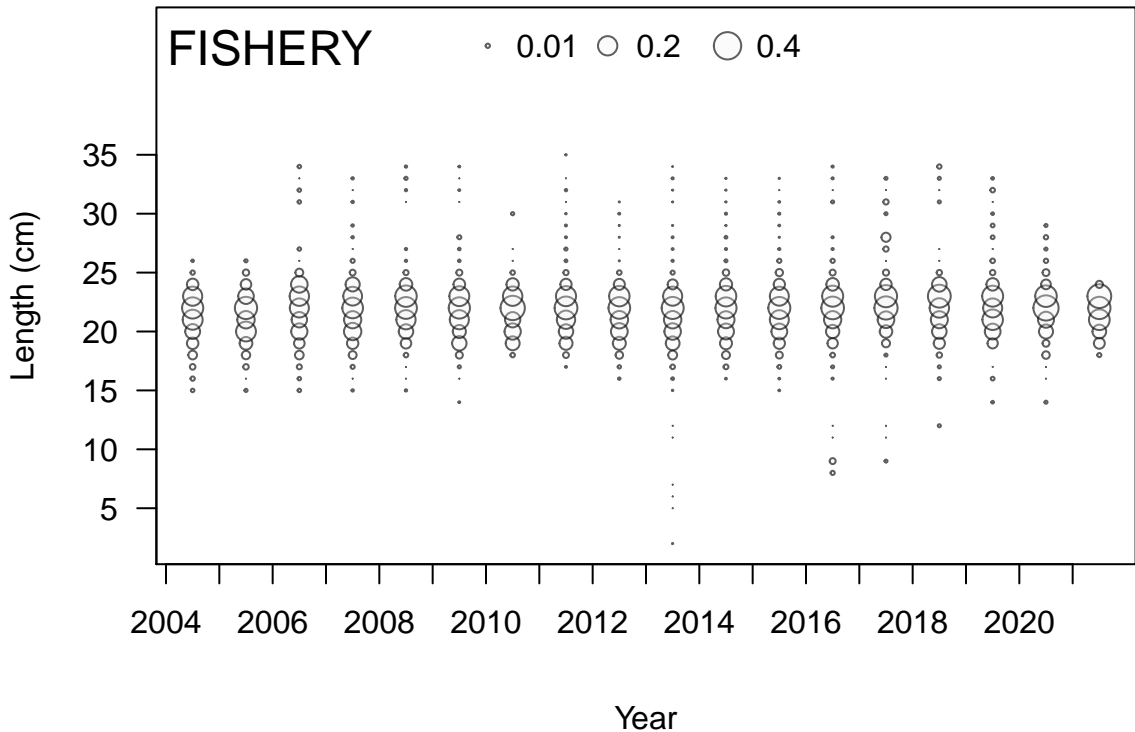


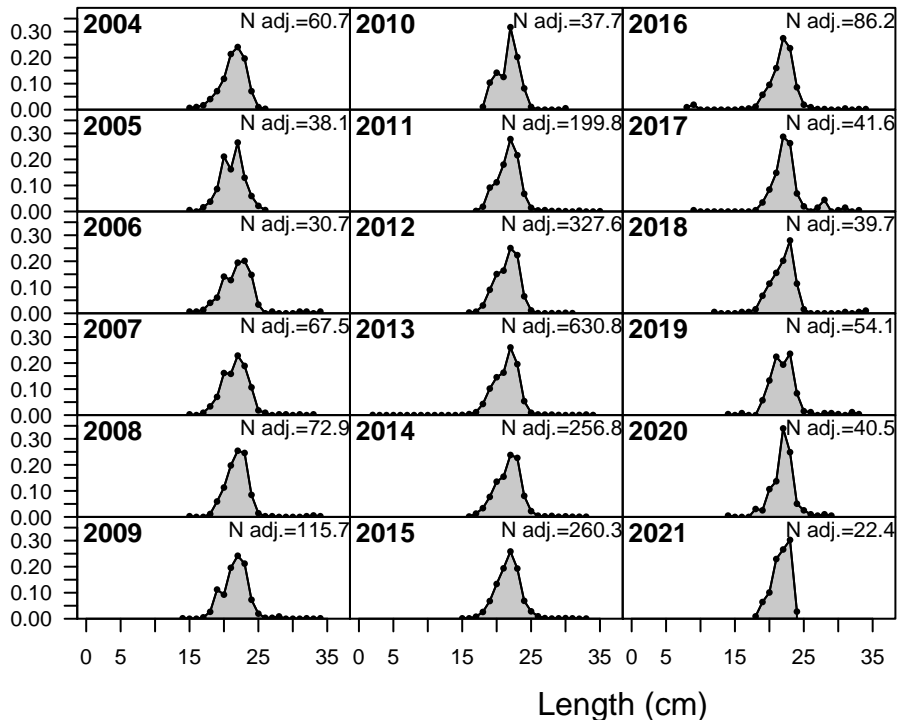


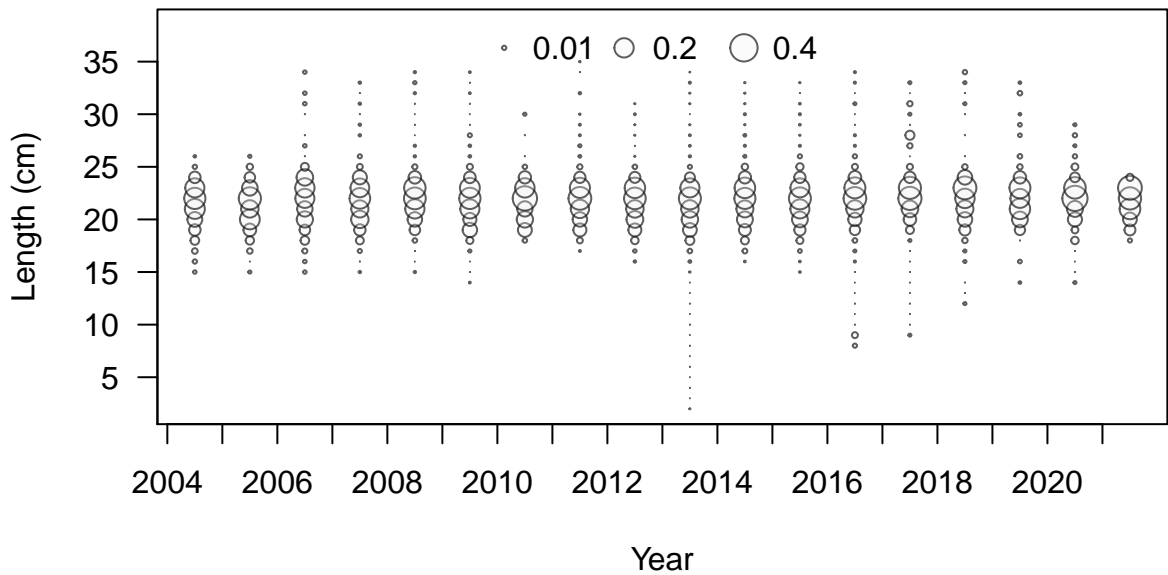
FISHERY

Sum of N adj.=2383.2

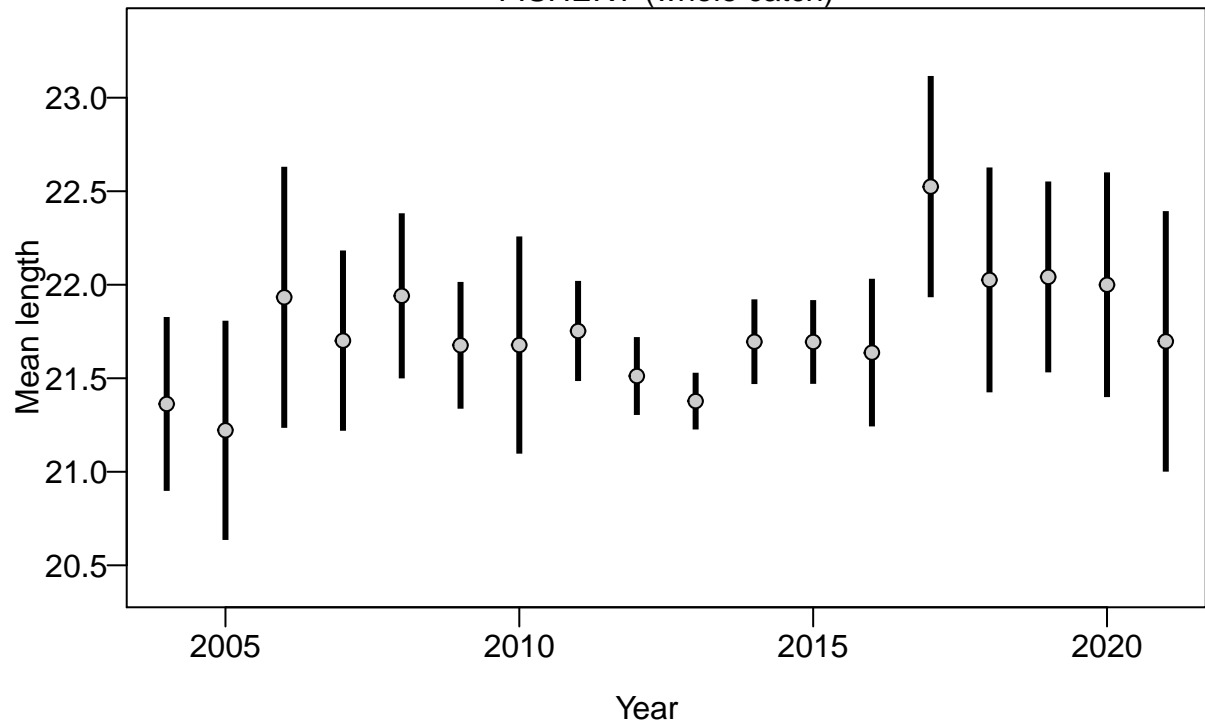


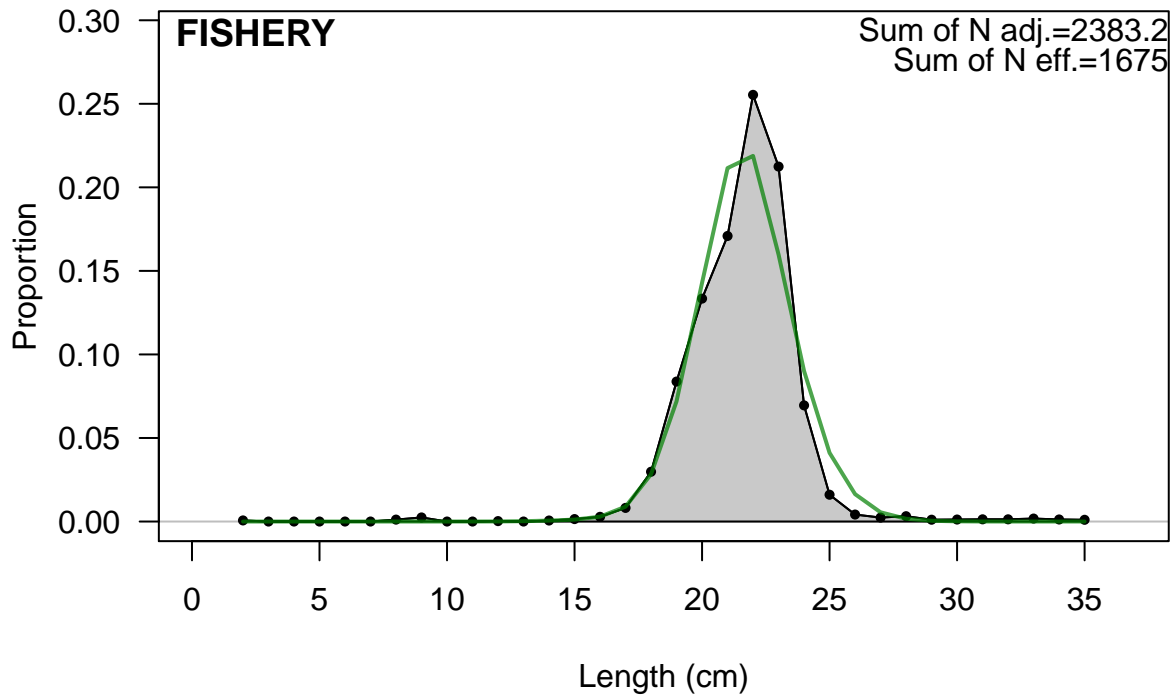


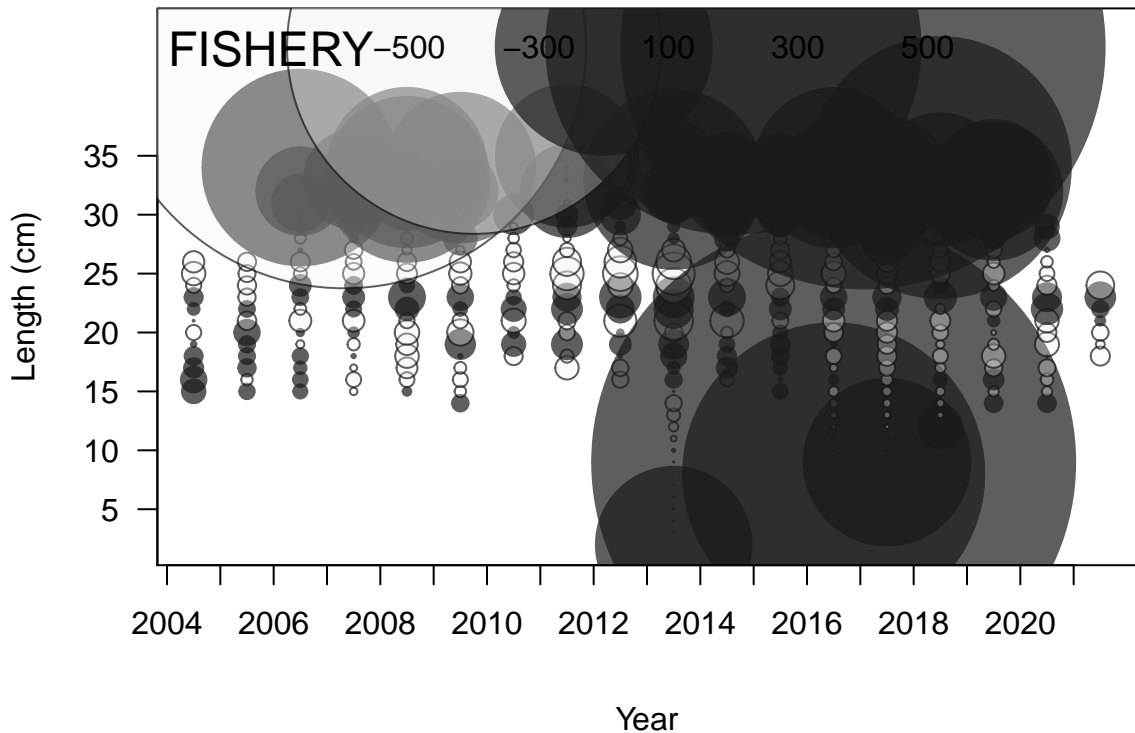


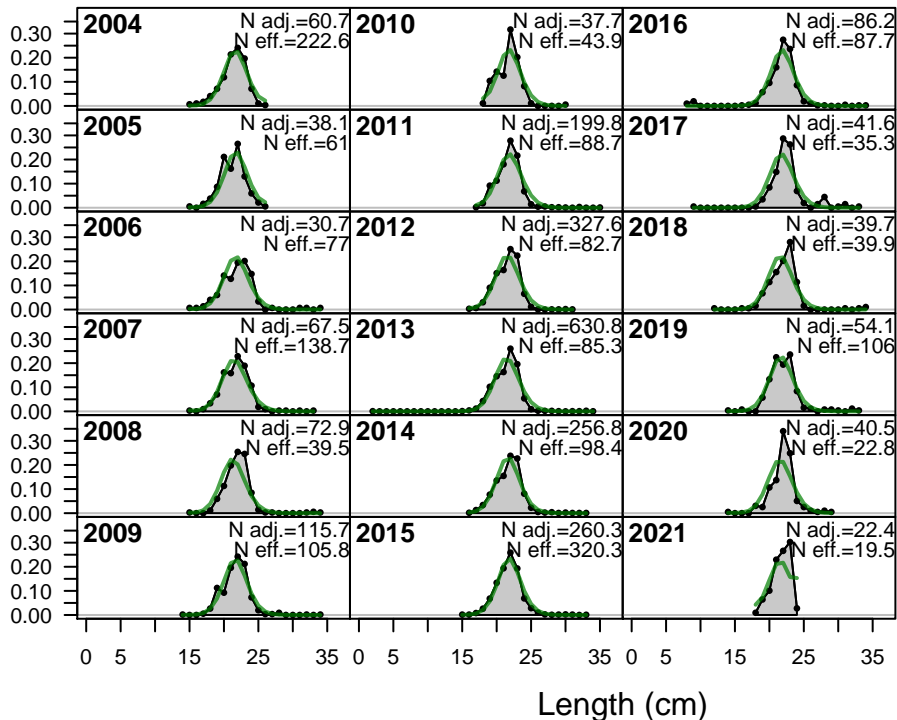


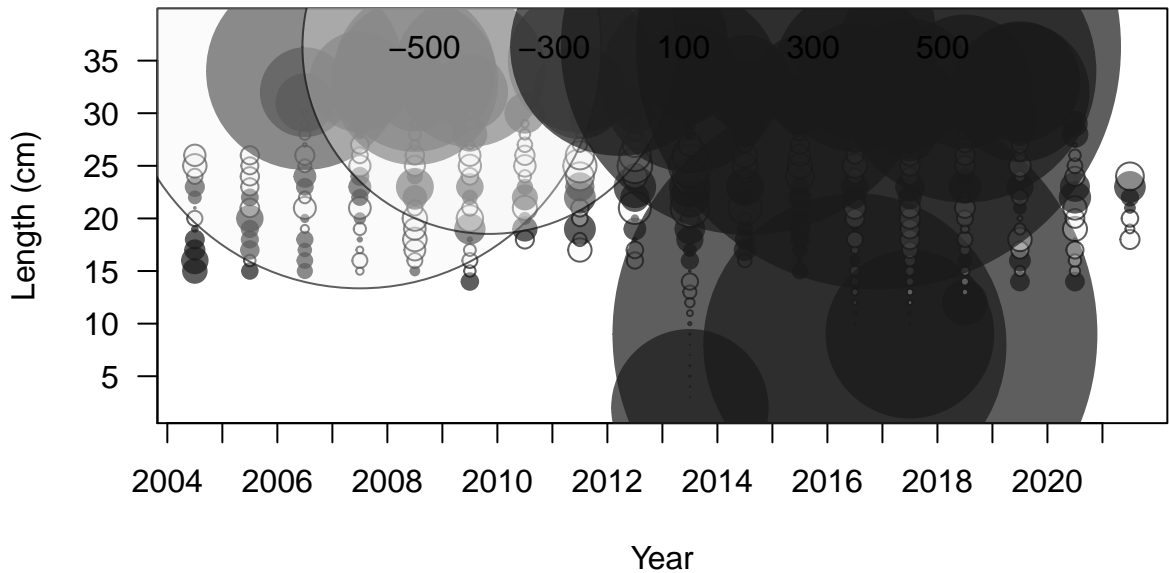
FISHERY (whole catch)



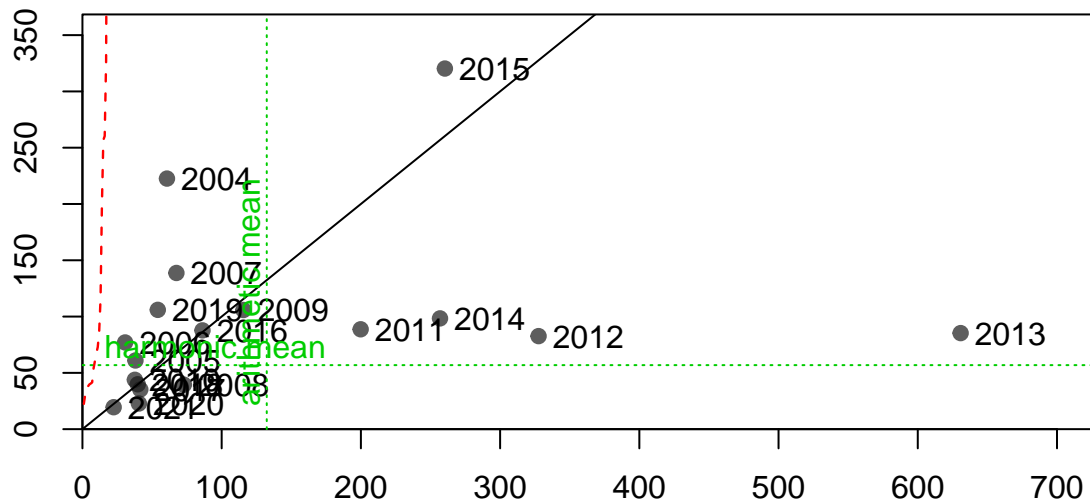






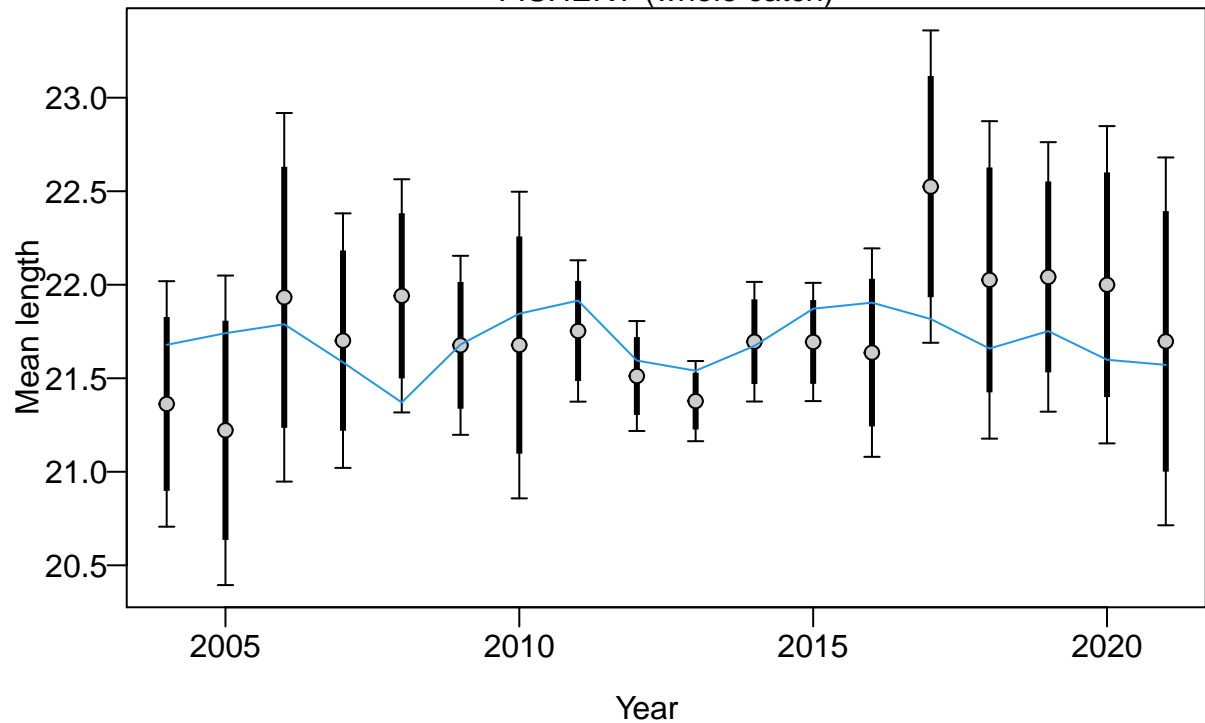


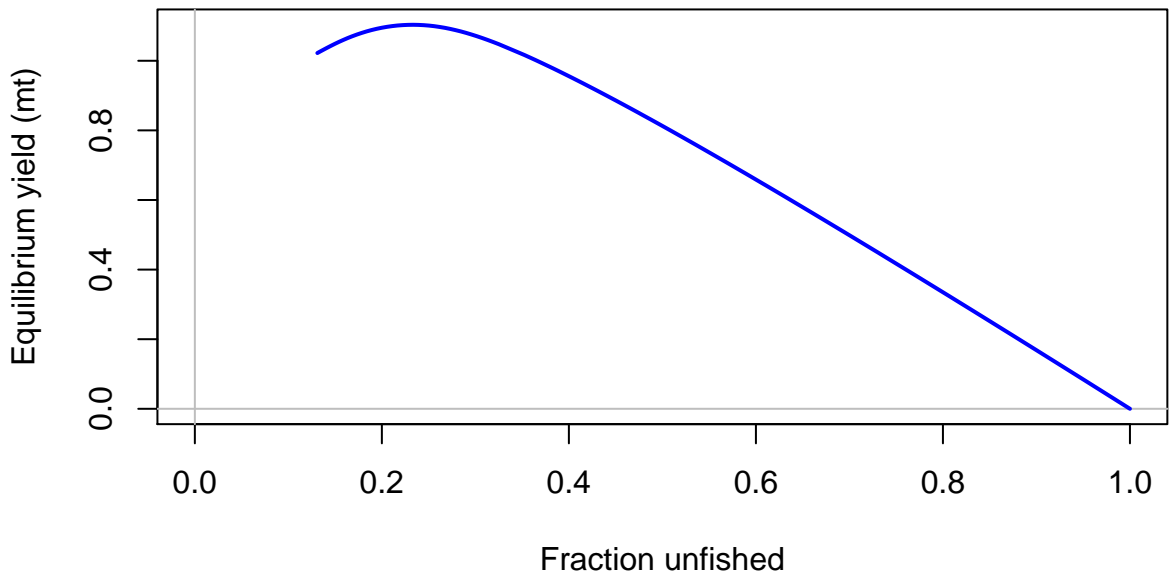
Effective sample size

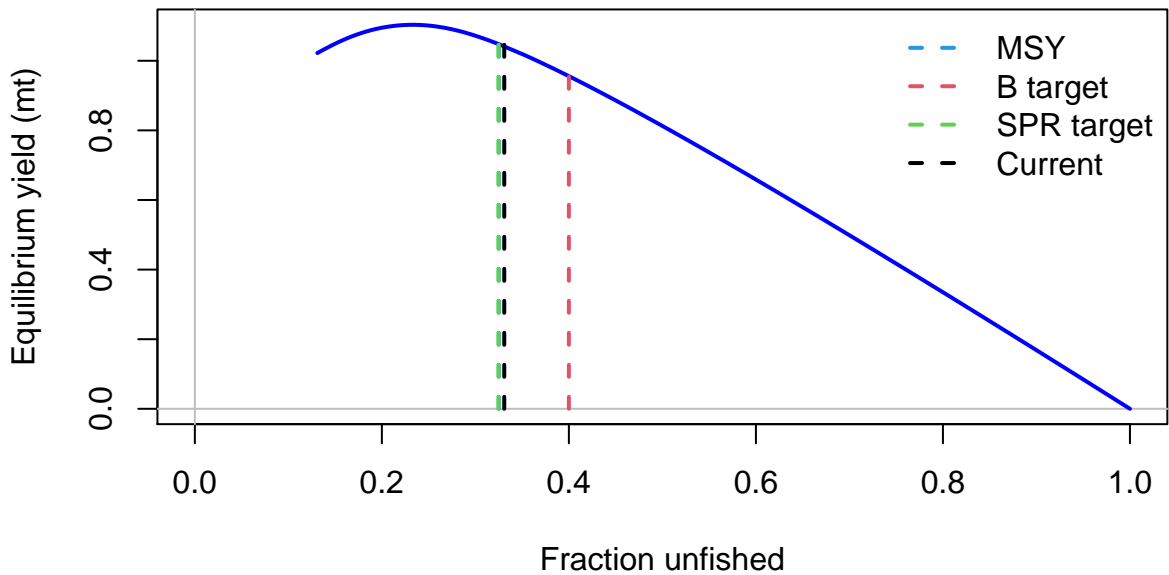


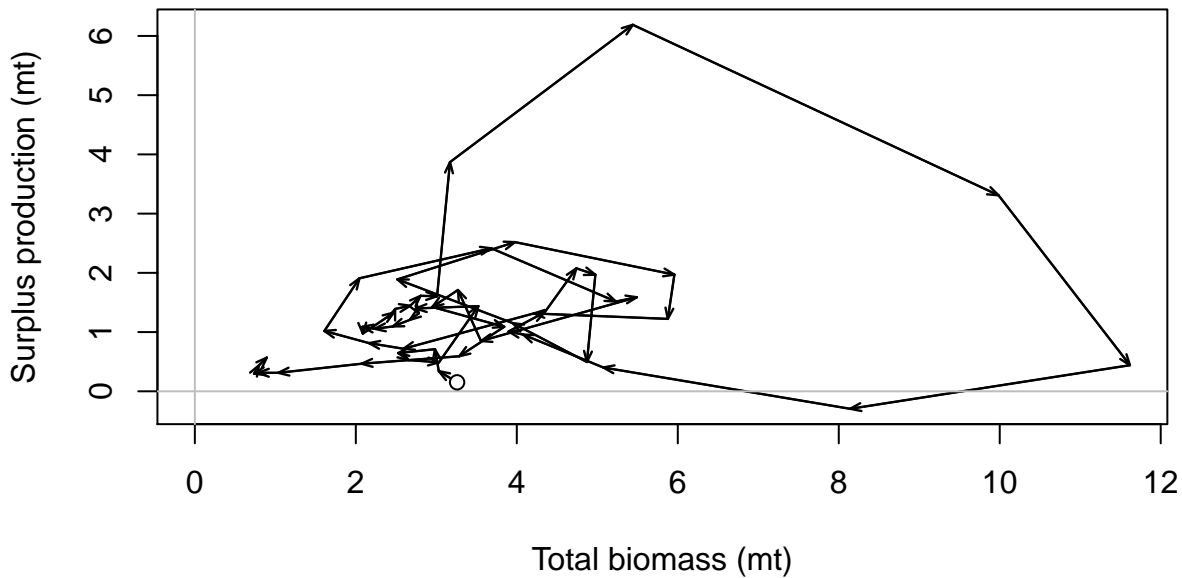
Observed sample size

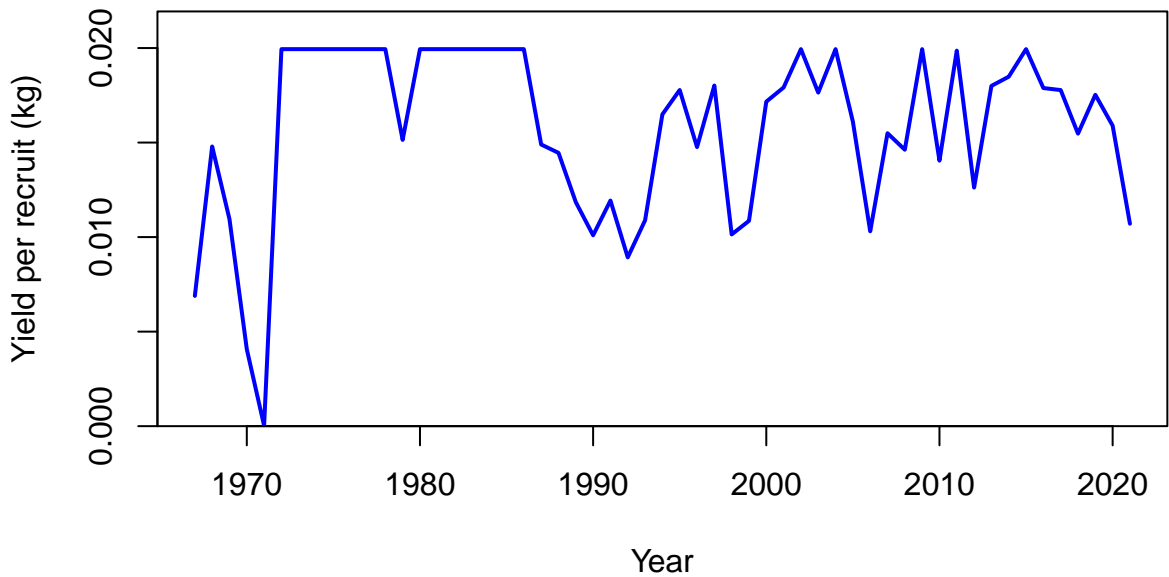
FISHERY (whole catch)

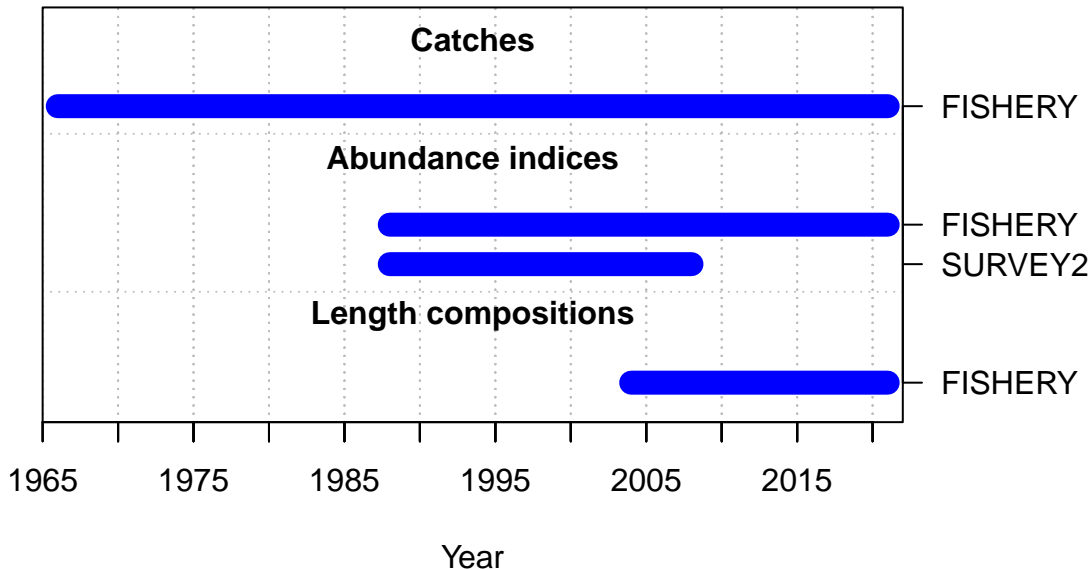


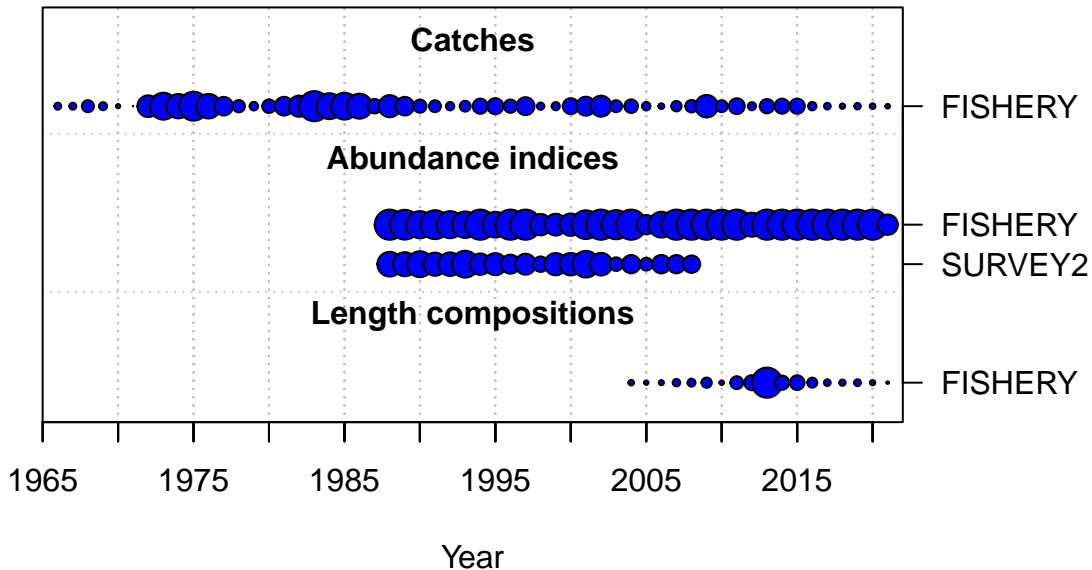




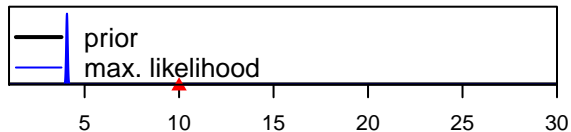




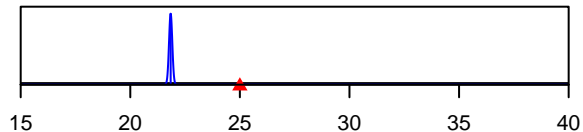




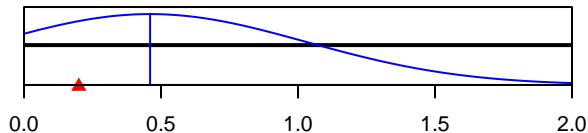
SR_LN(R0)



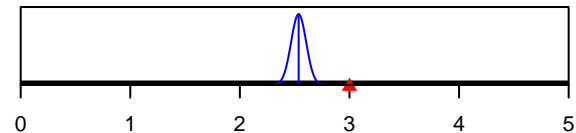
Size_inflection_FISHERY(1)



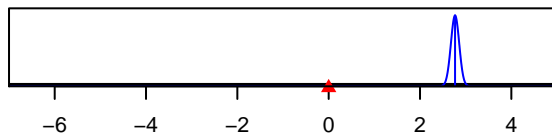
InitF_seas_1flt_1FISHERY



Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)

