

Plots created using the 'r4ss' package in R

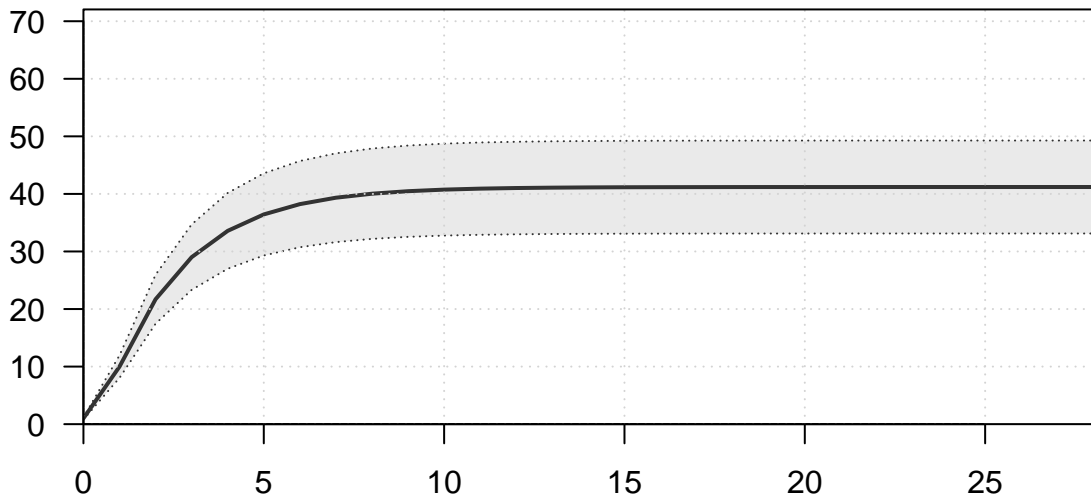
Stock Synthesis version: 3.30.19.0

StartTime: Fri Jul 01 13:26:47 2022

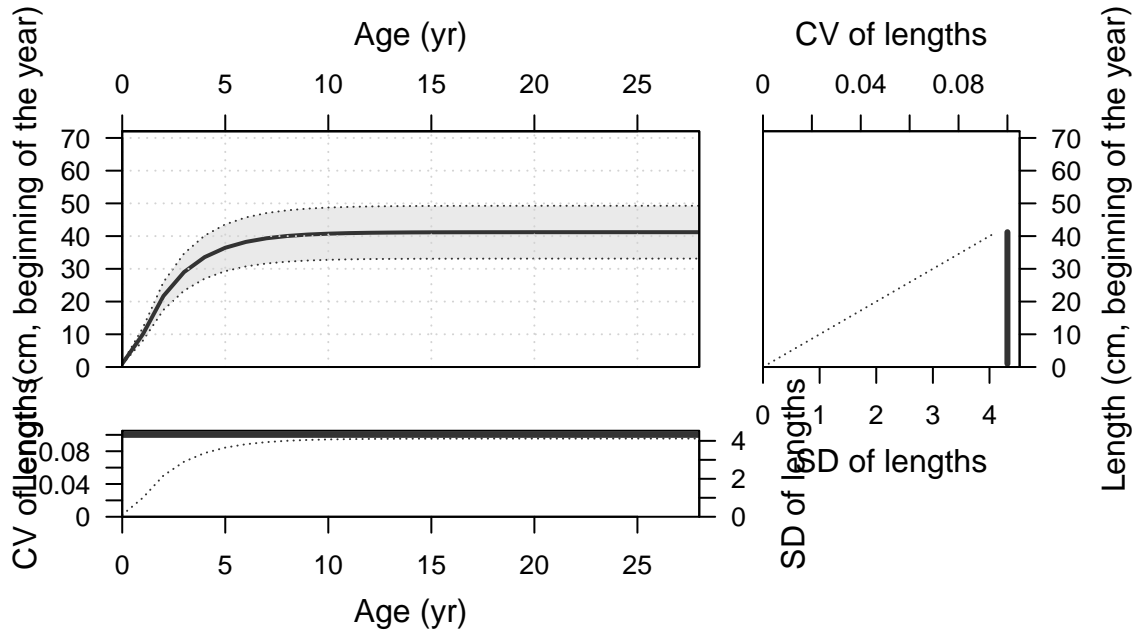
Data_File: data.ss

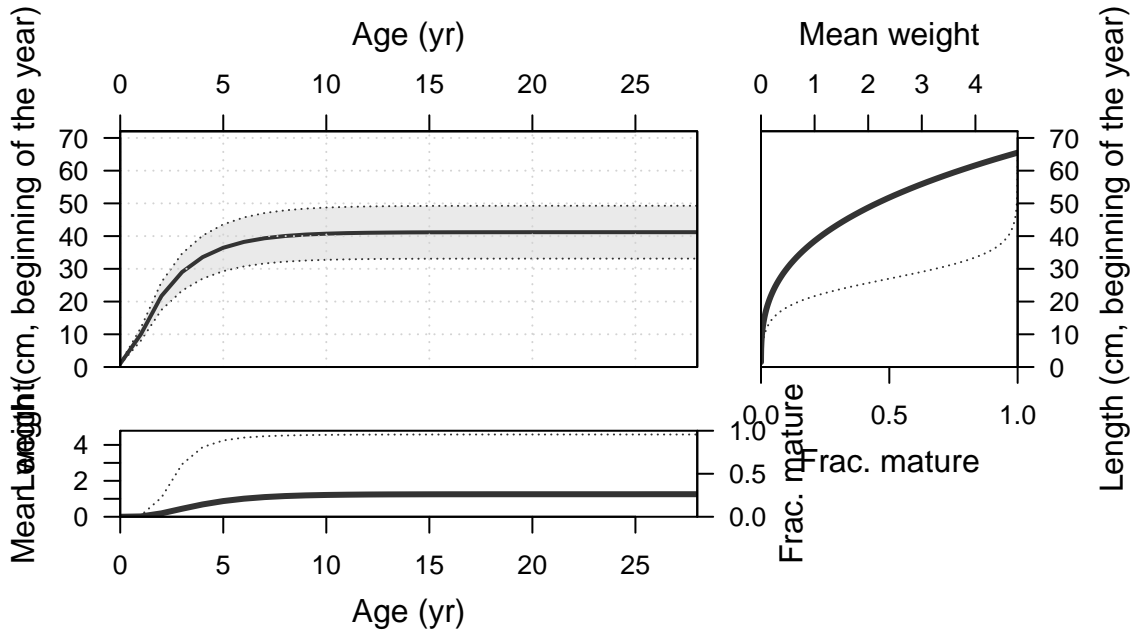
Control_File: control.ss

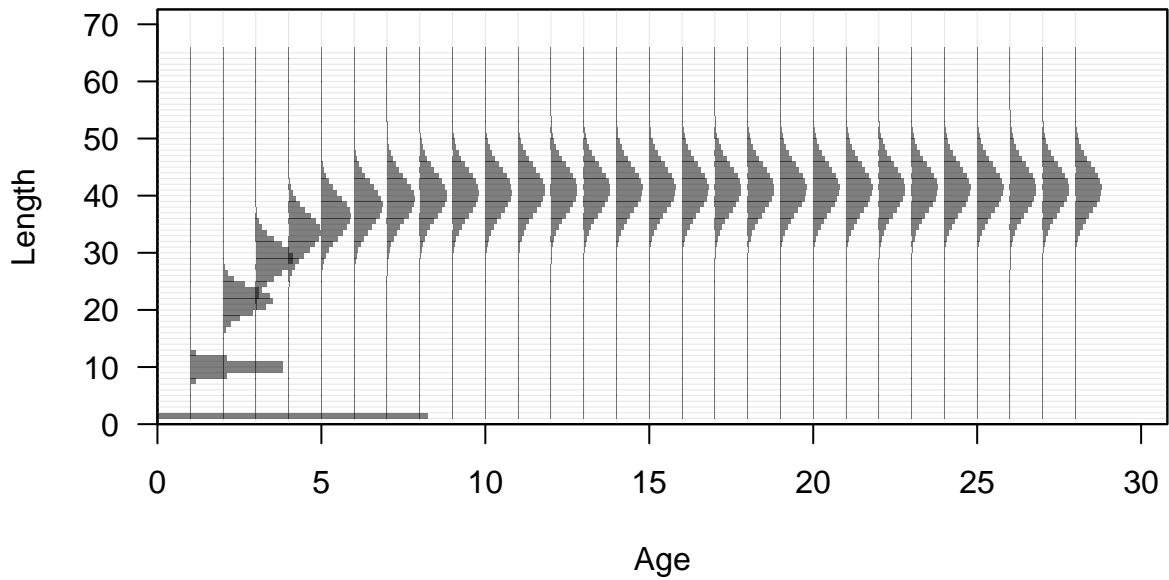
Length (cm, beginning of the year)

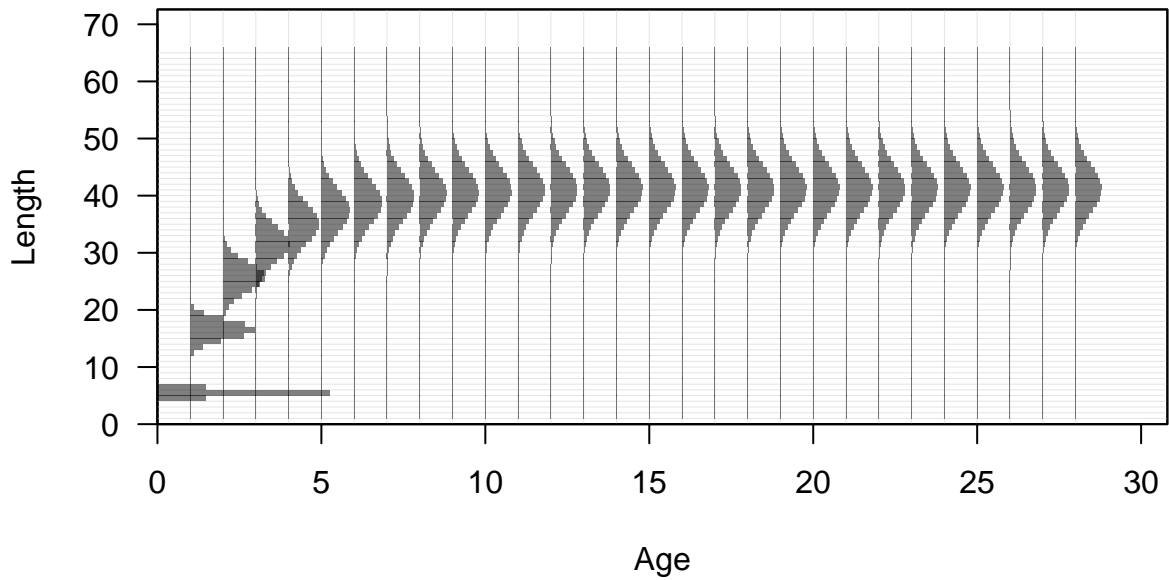


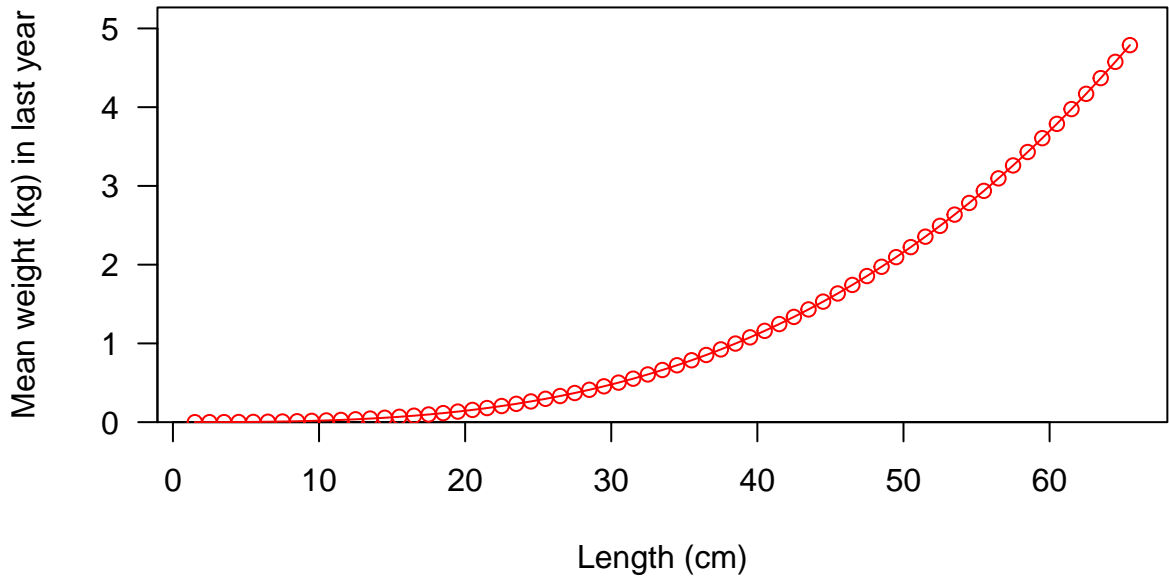
Age (yr)

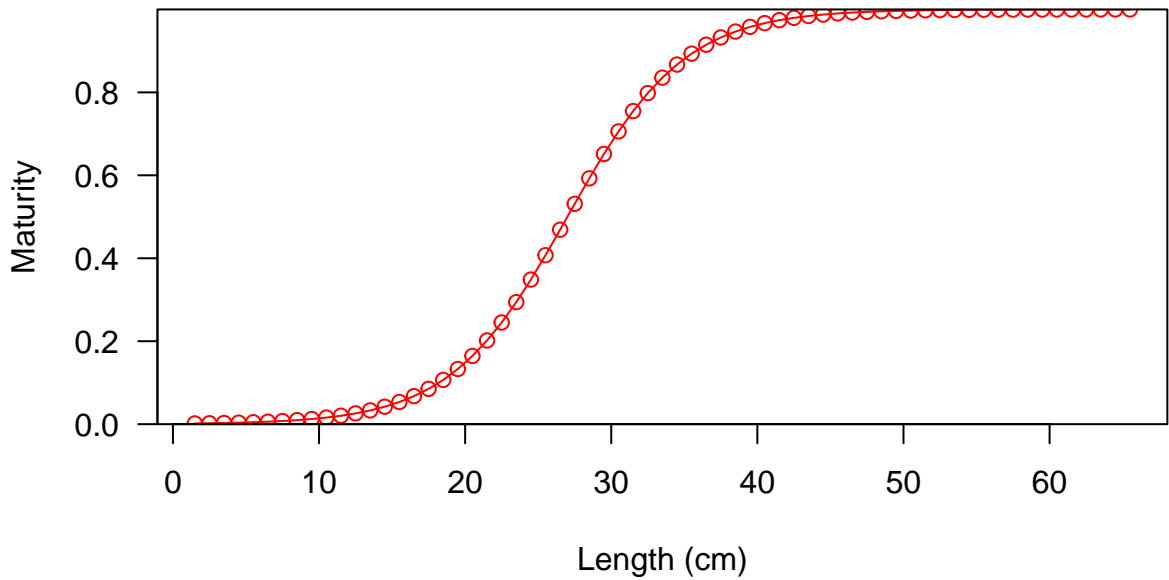


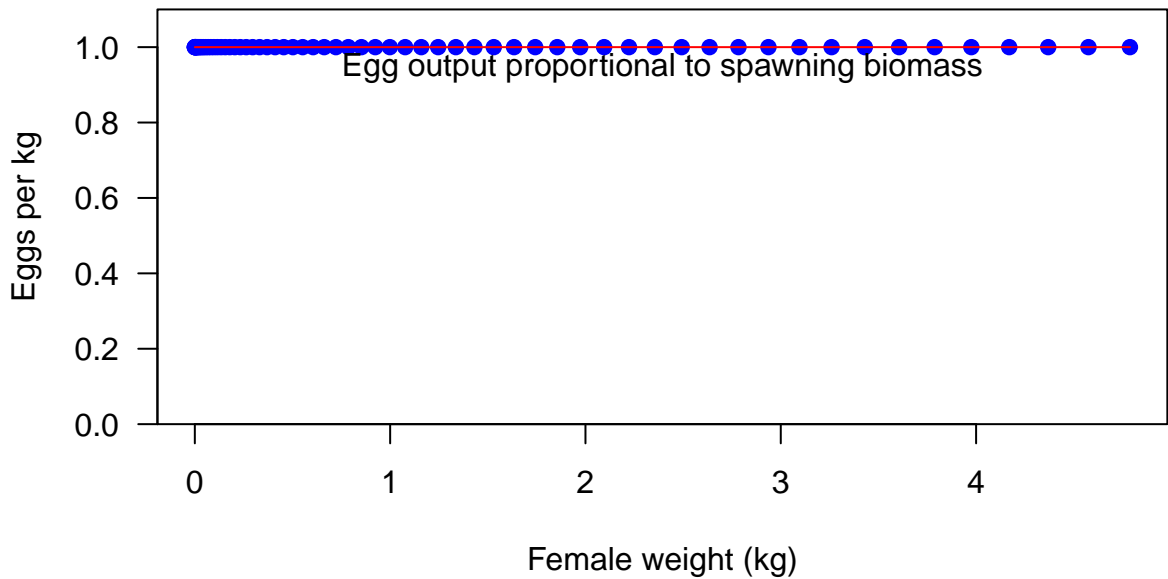




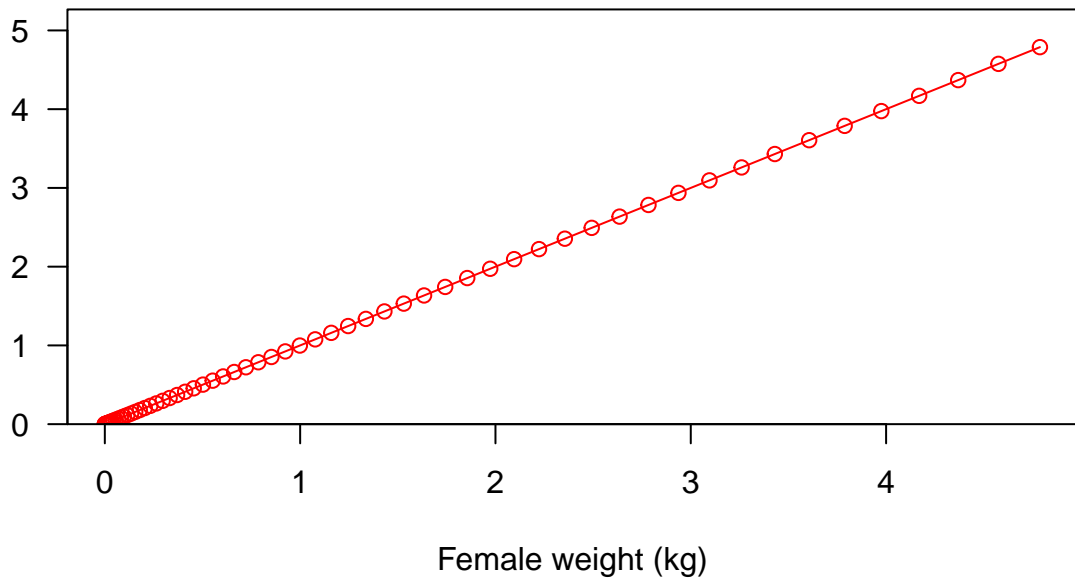




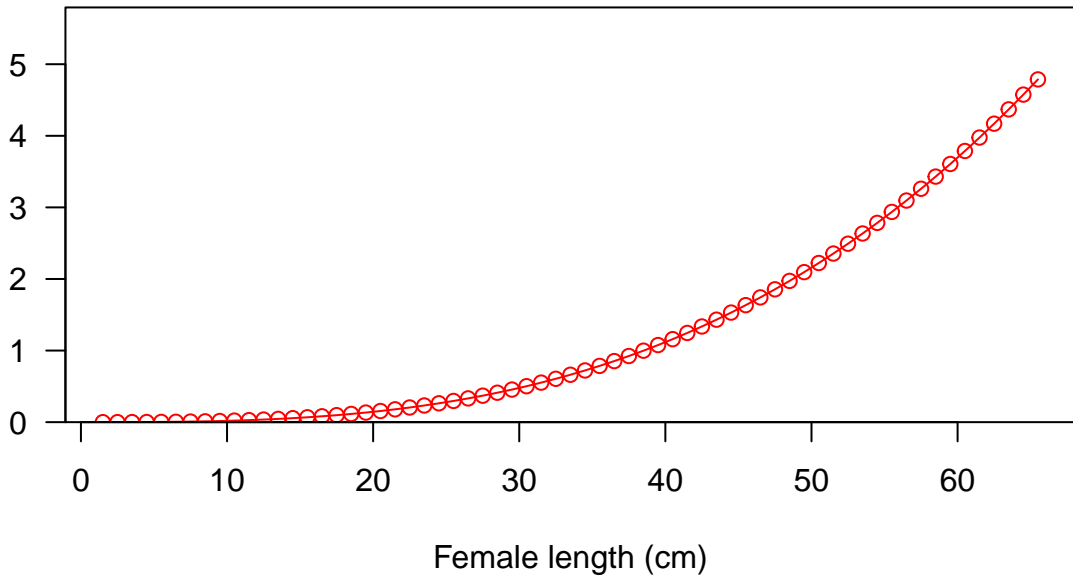




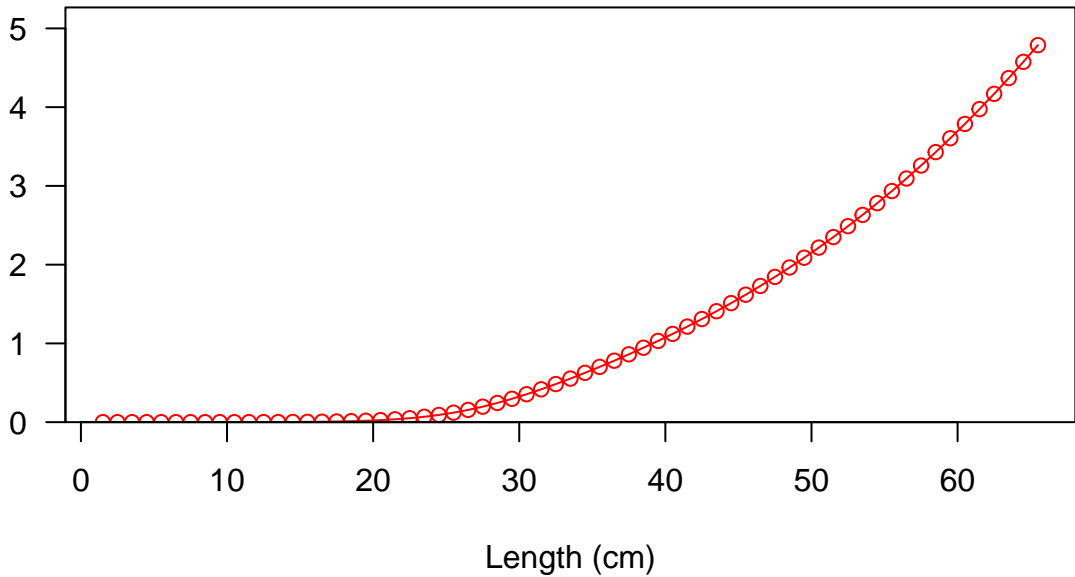
Fecundity

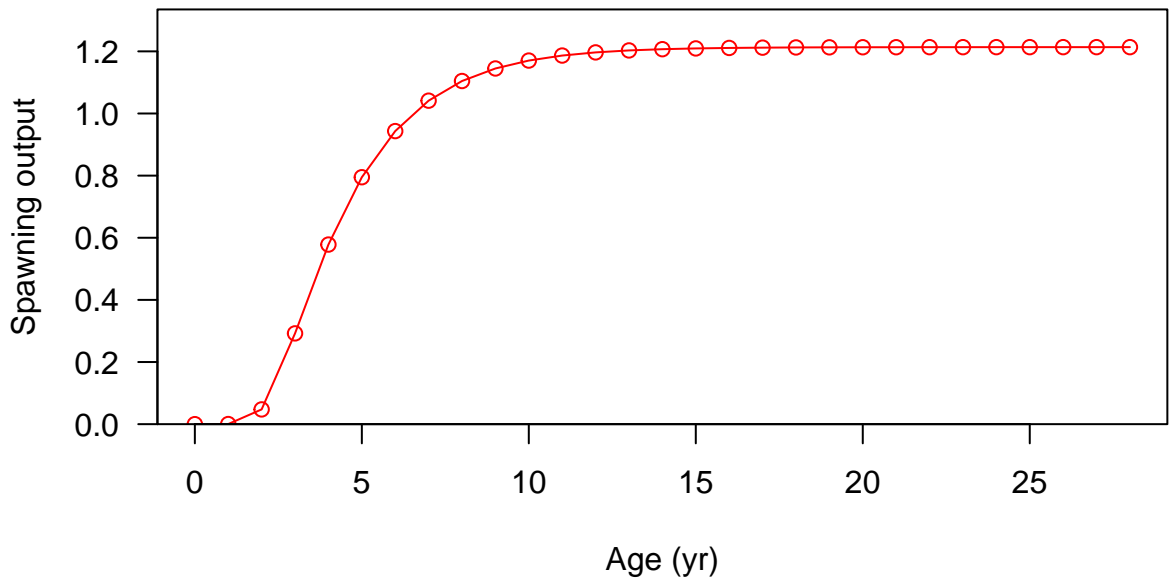


Fecundity

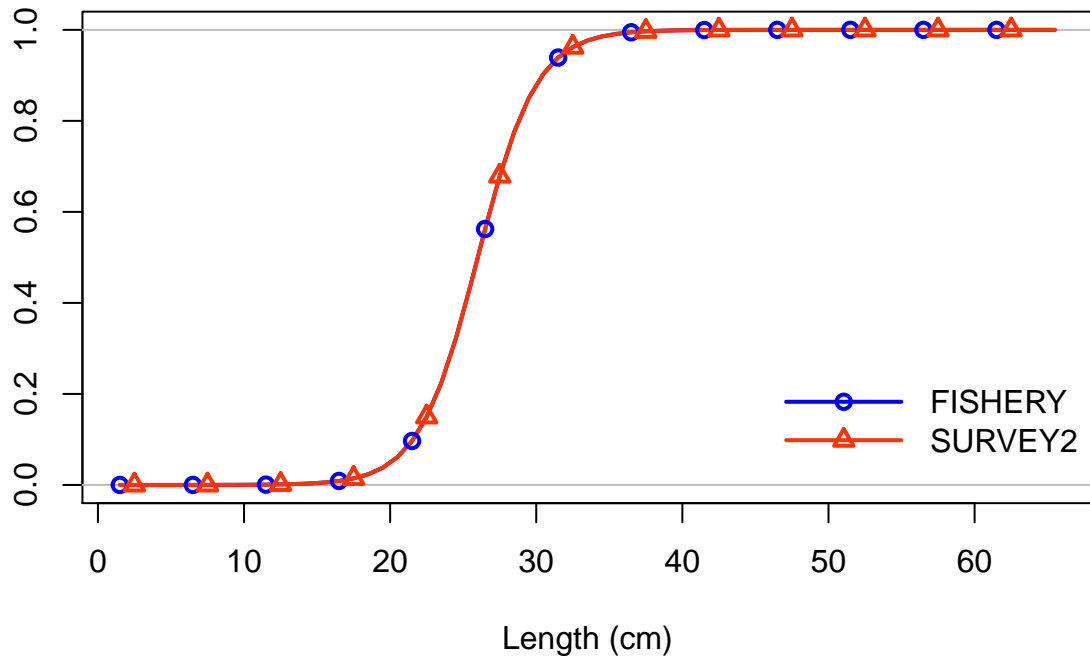


Spawning output

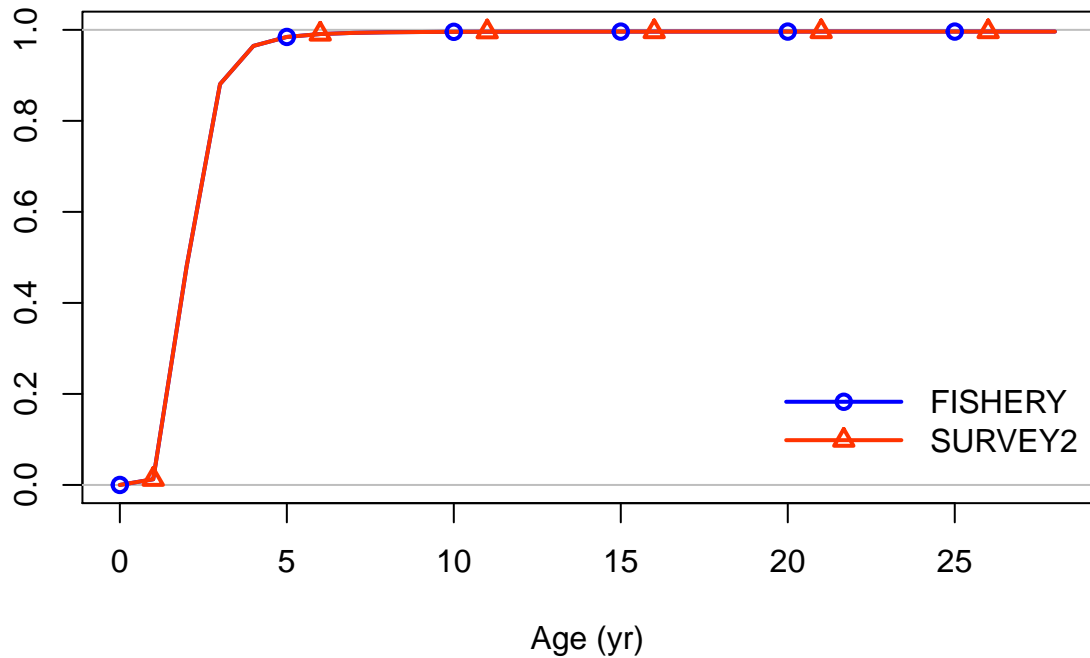




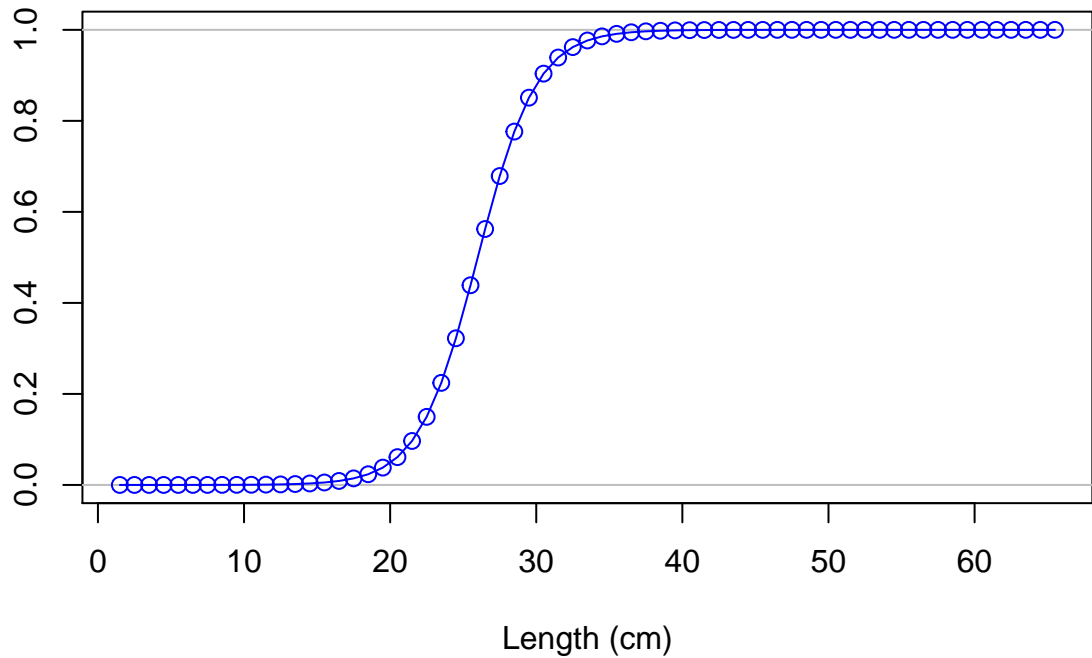
Selectivity



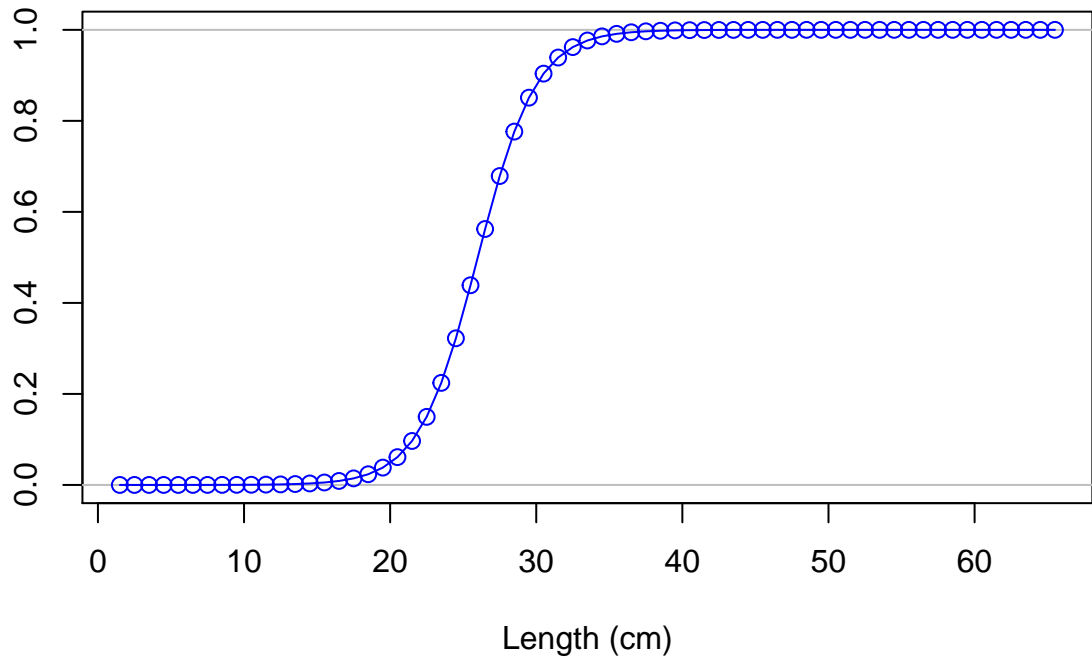
Selectivity

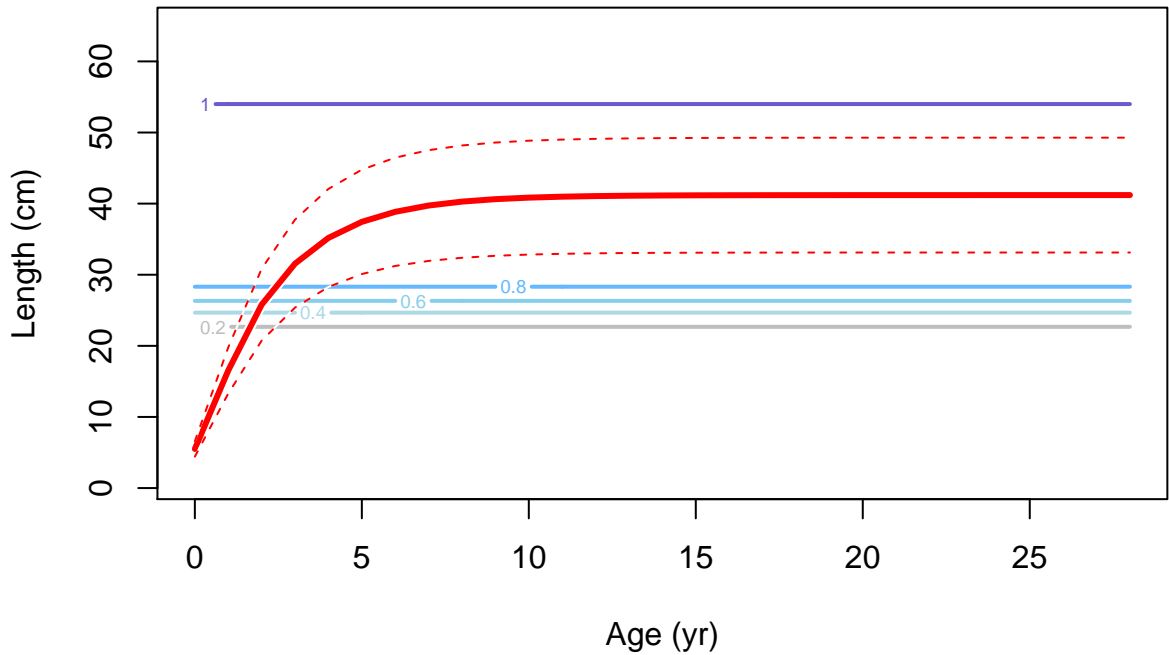


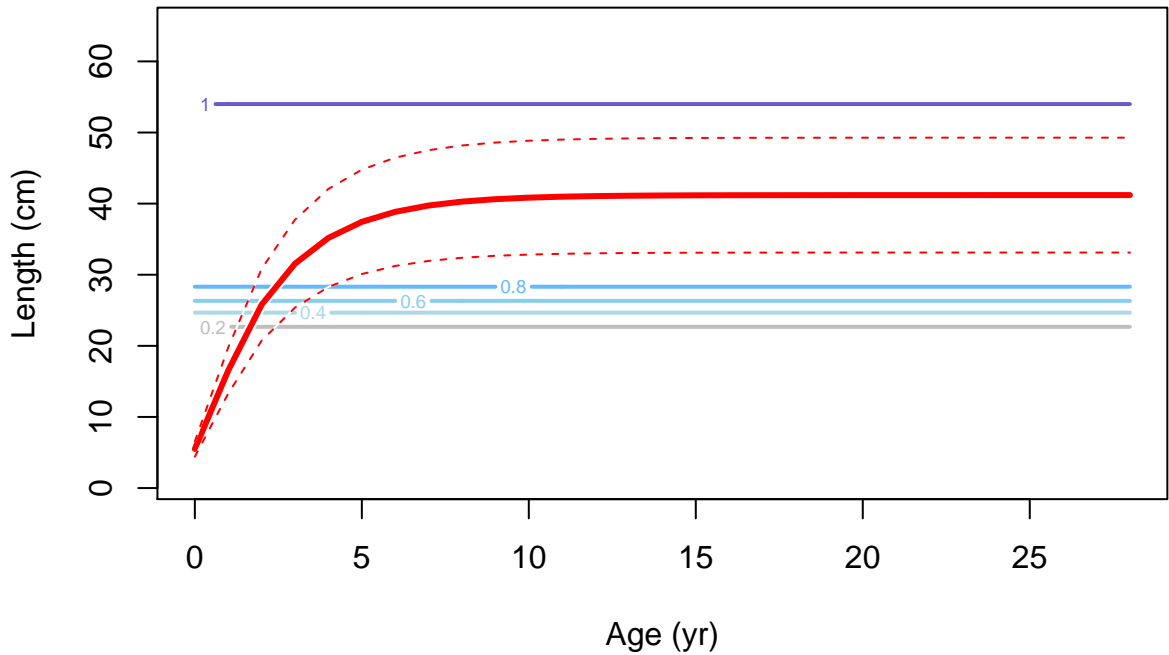
Selectivity

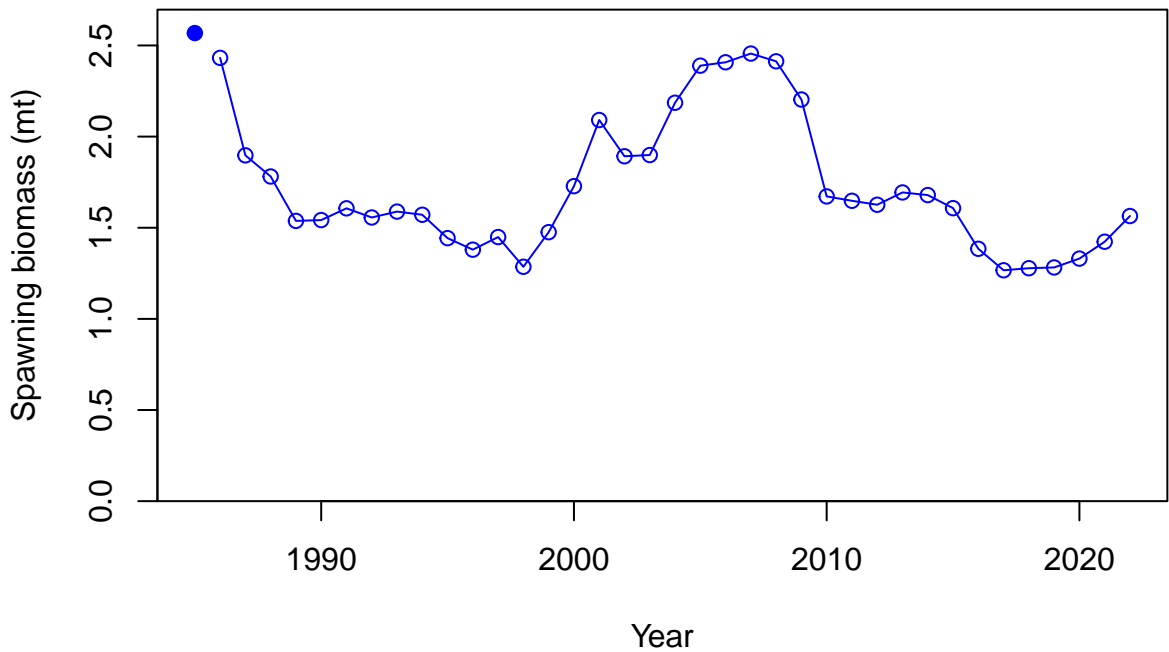


Selectivity

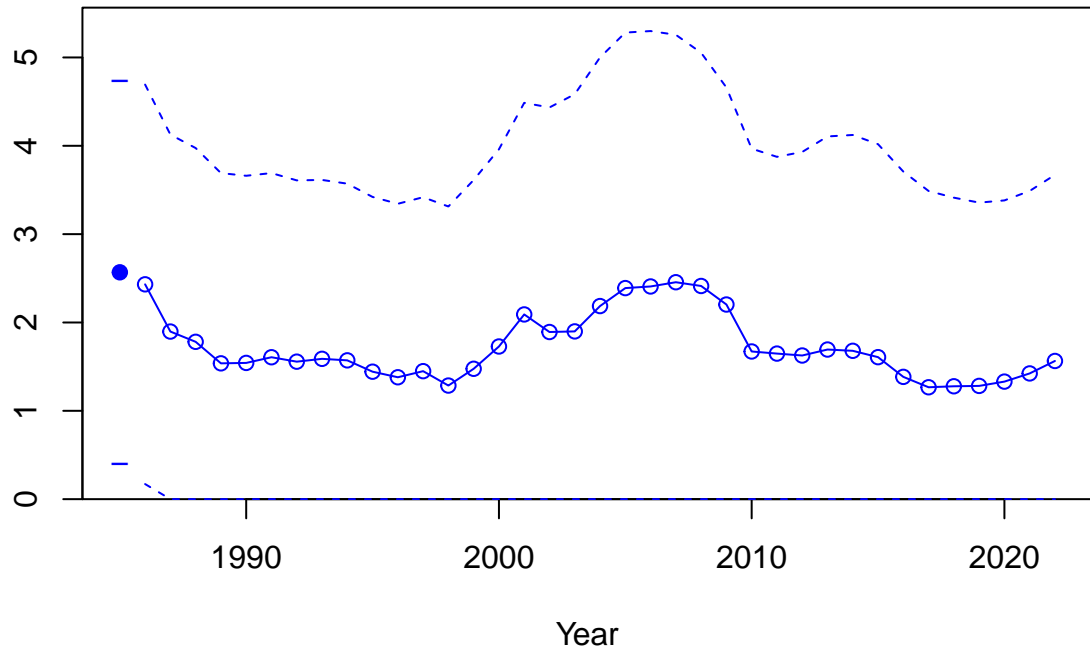




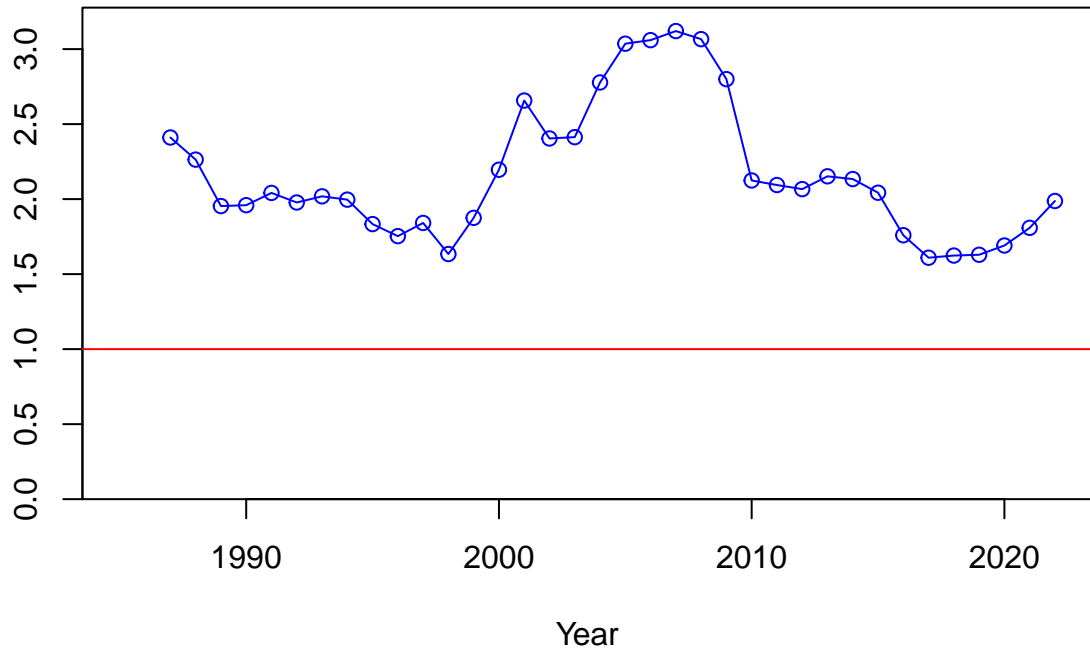




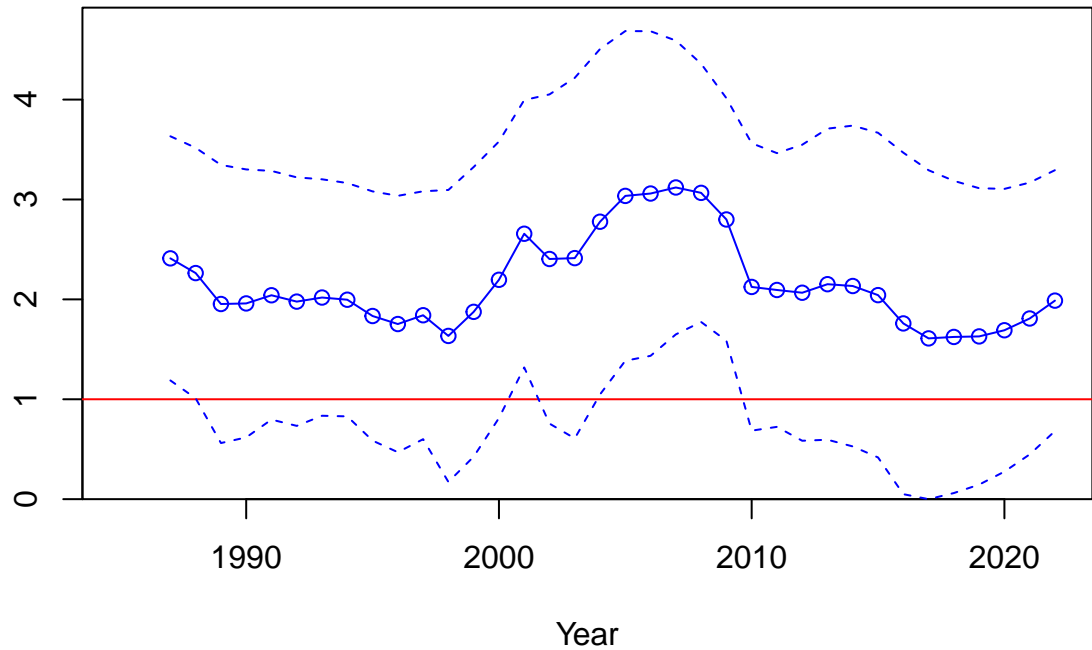
Spawning biomass (mt)

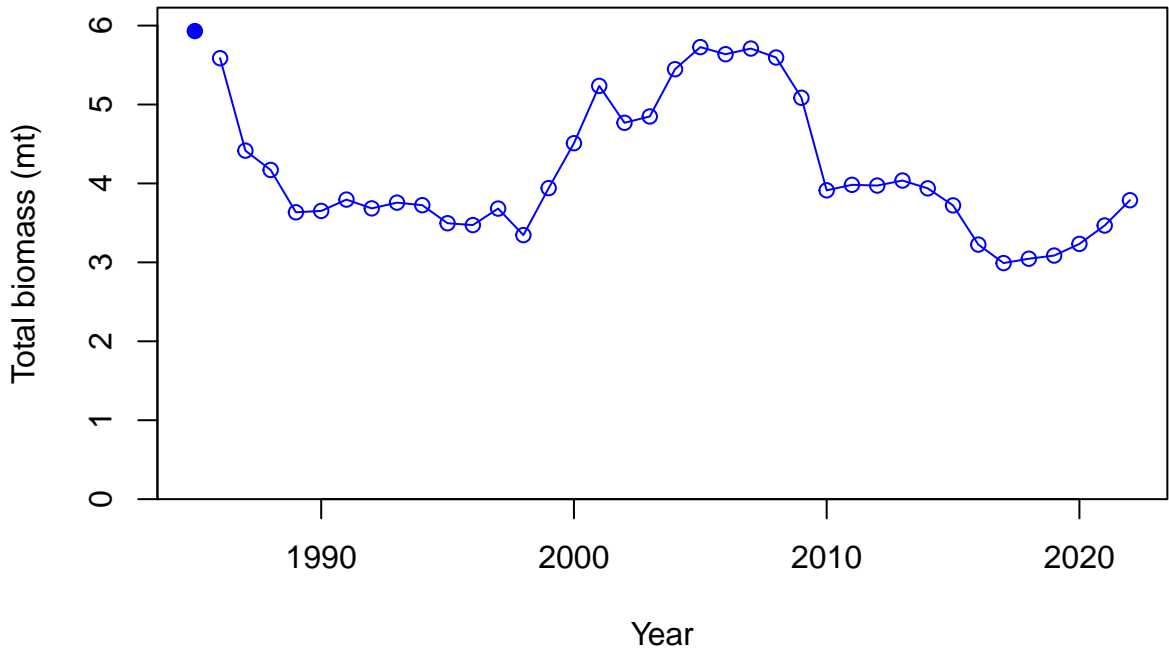


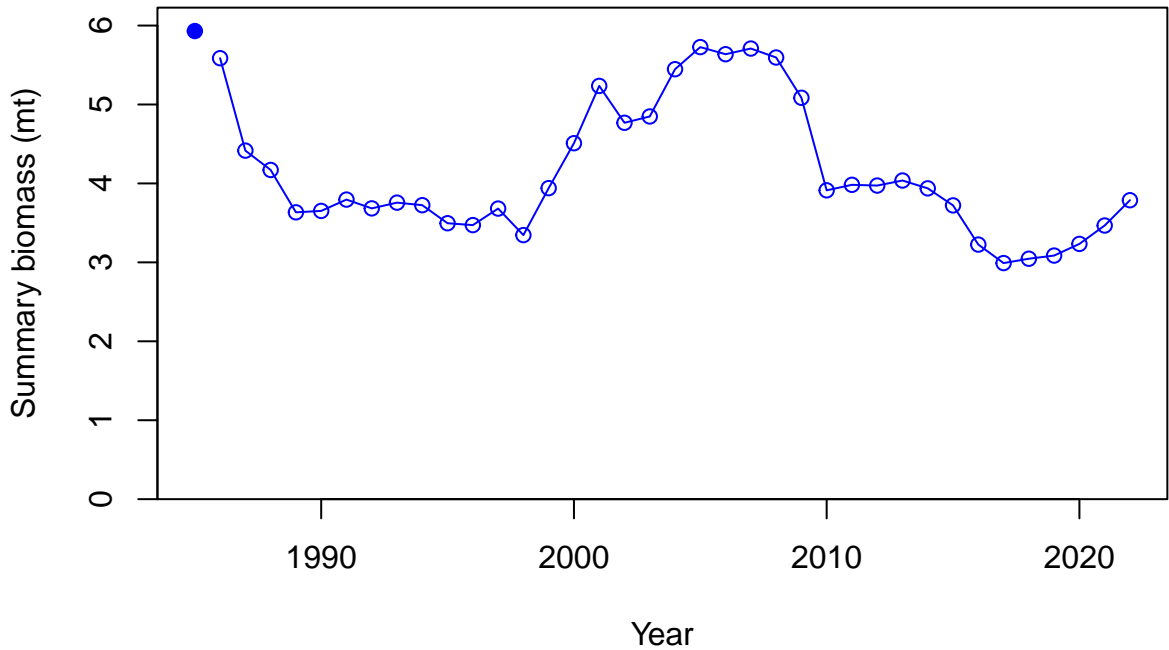
Relative spawning biomass: B/B_{MSY}



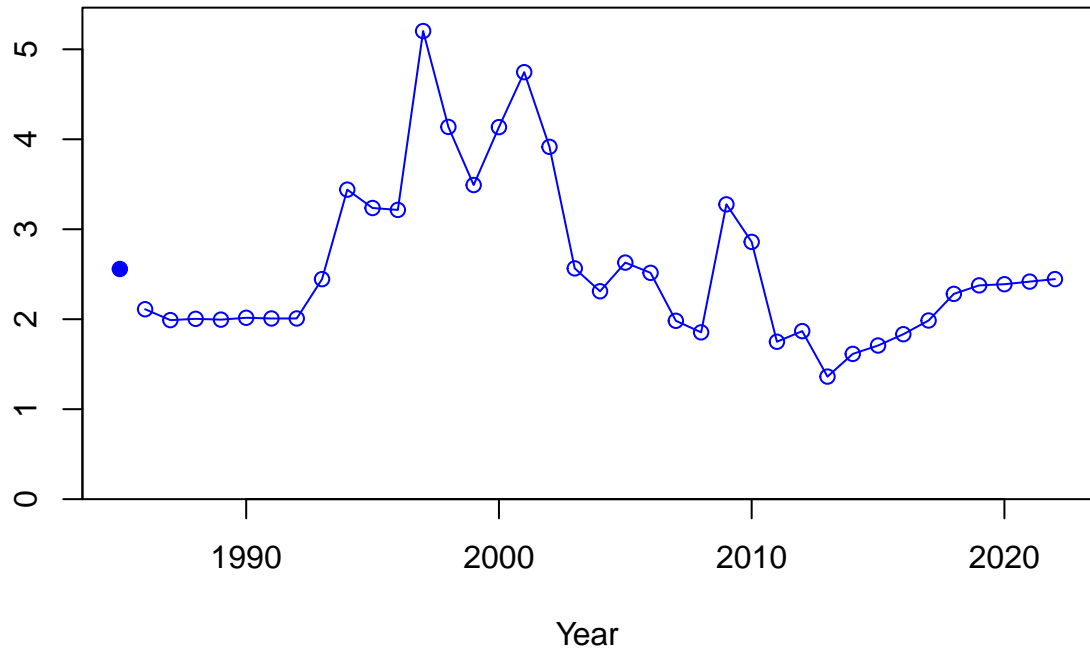
Relative spawning biomass: B/B_{MSY}



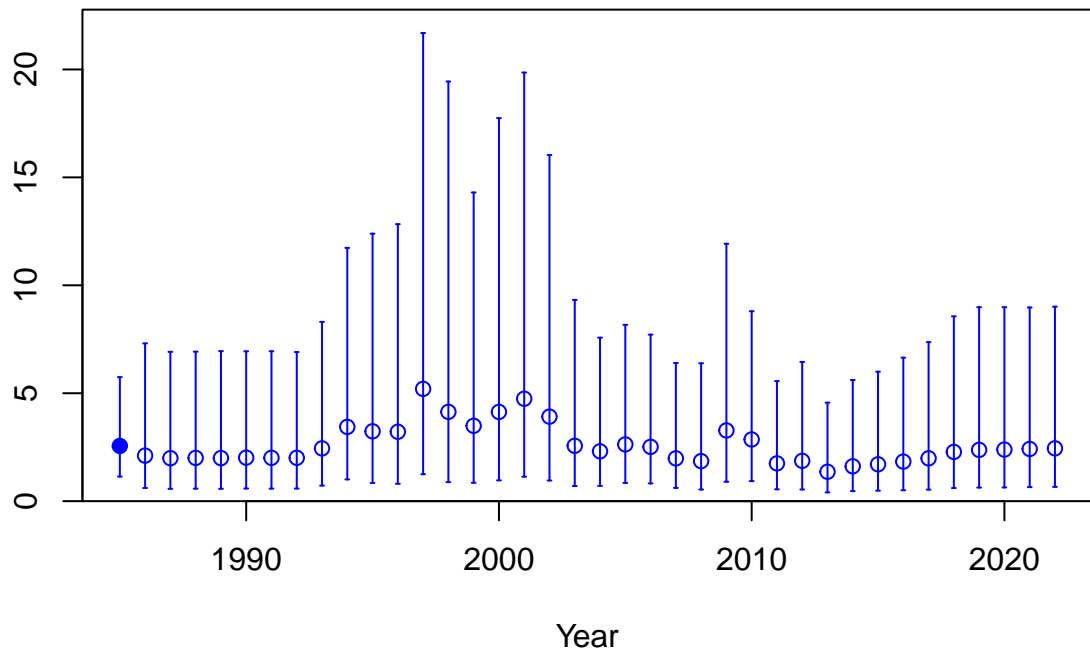




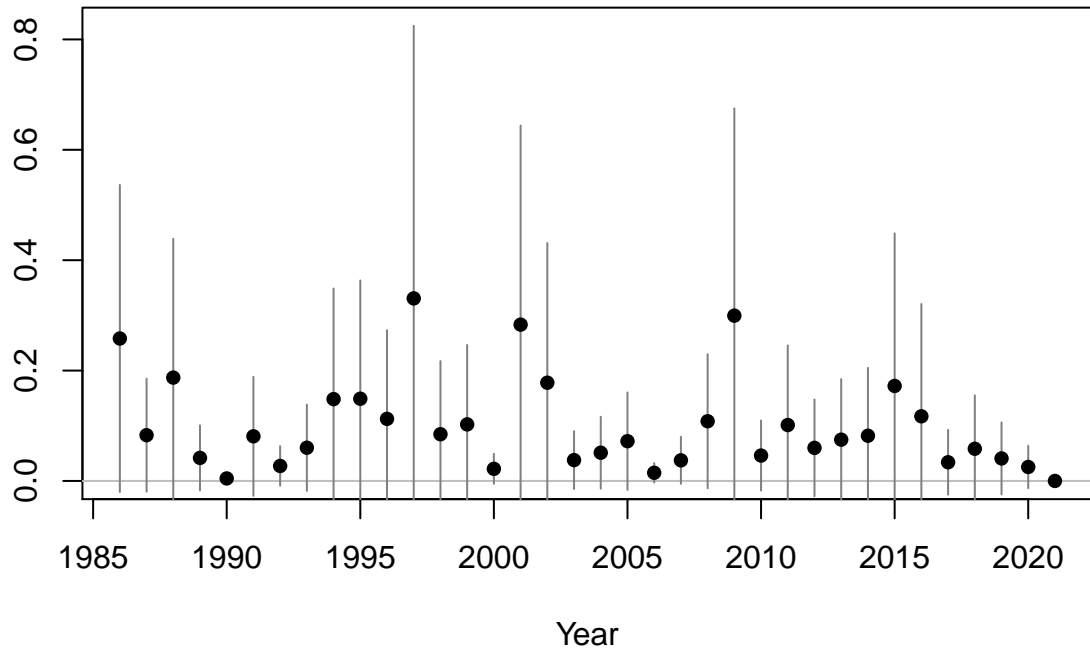
Age-0 recruits (1,000s)

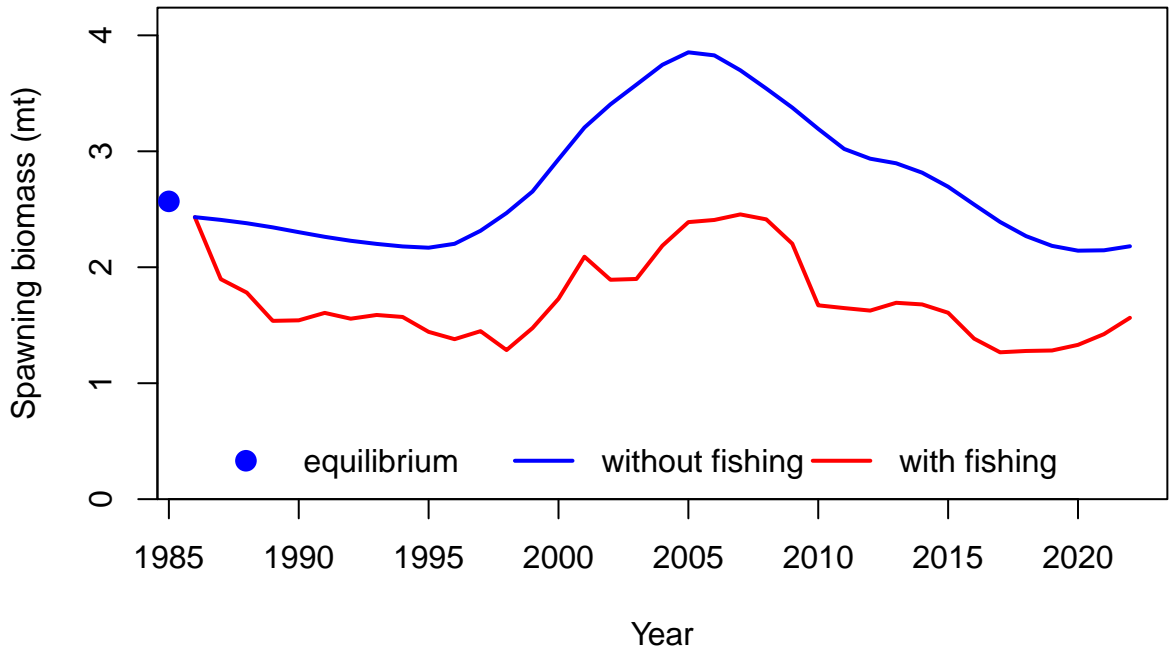


Age-0 recruits (1,000s)

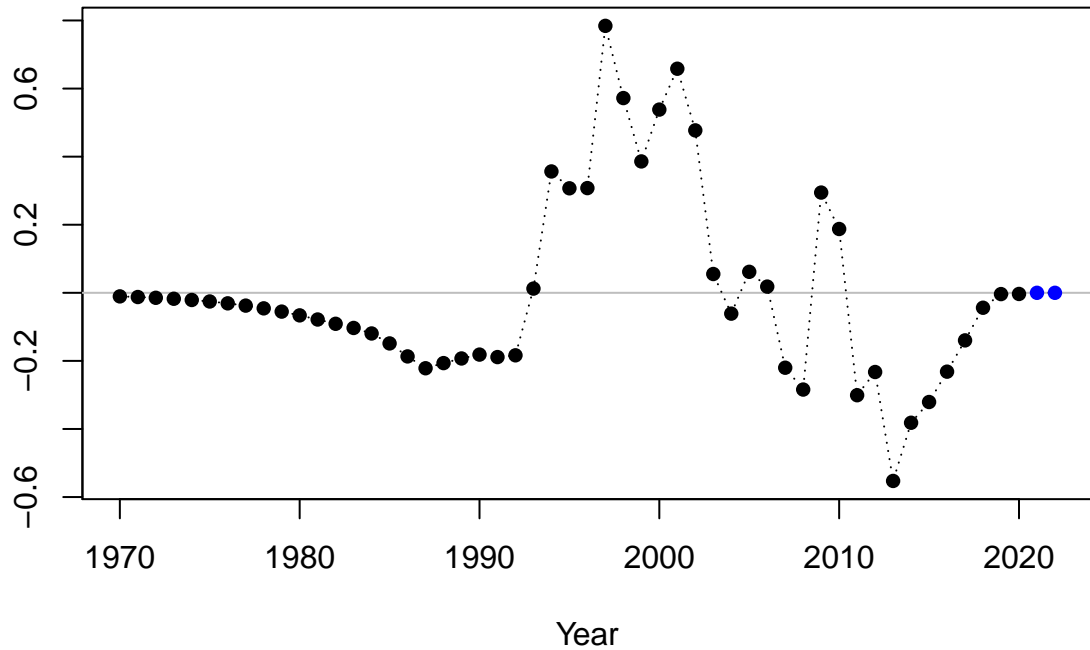


Summary Fishing Mortality



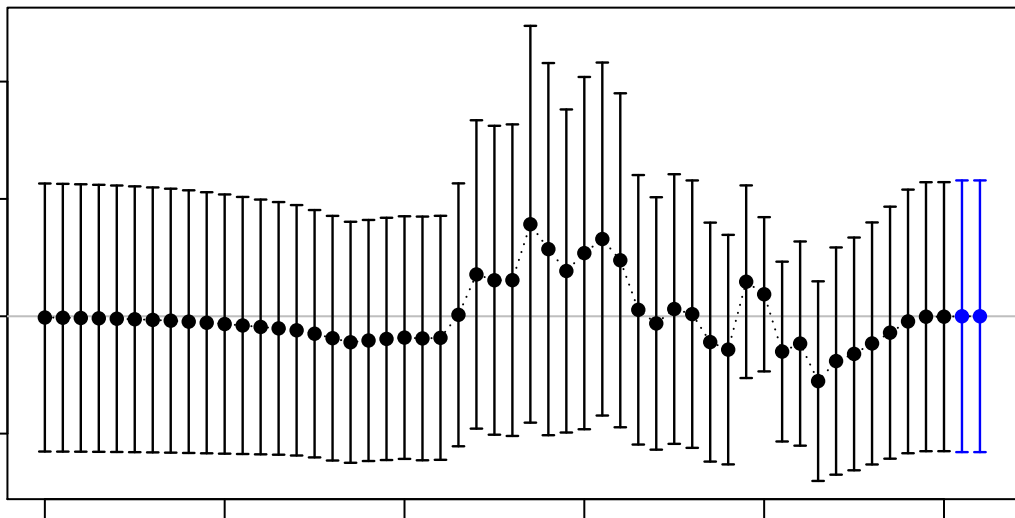


Log recruitment deviation



Log recruitment deviation

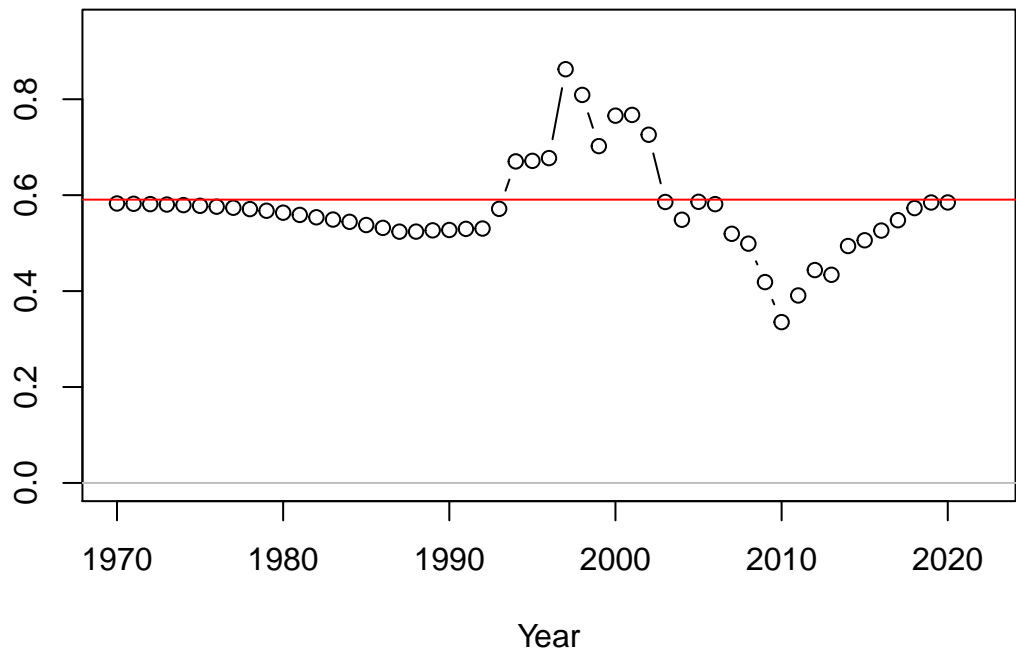
2
1
0
-1

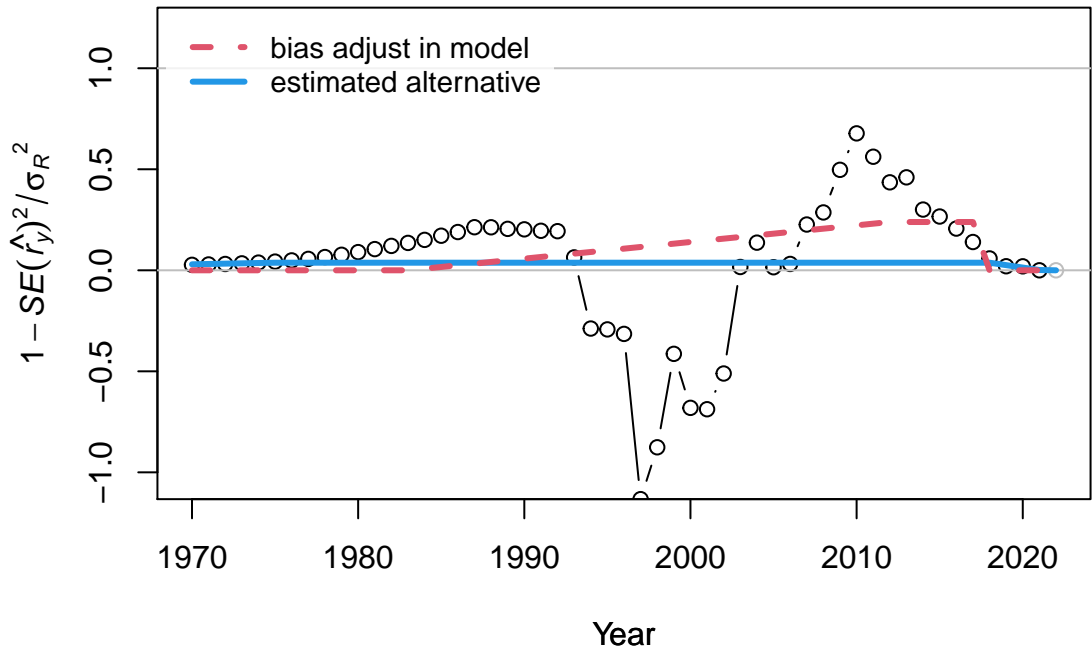


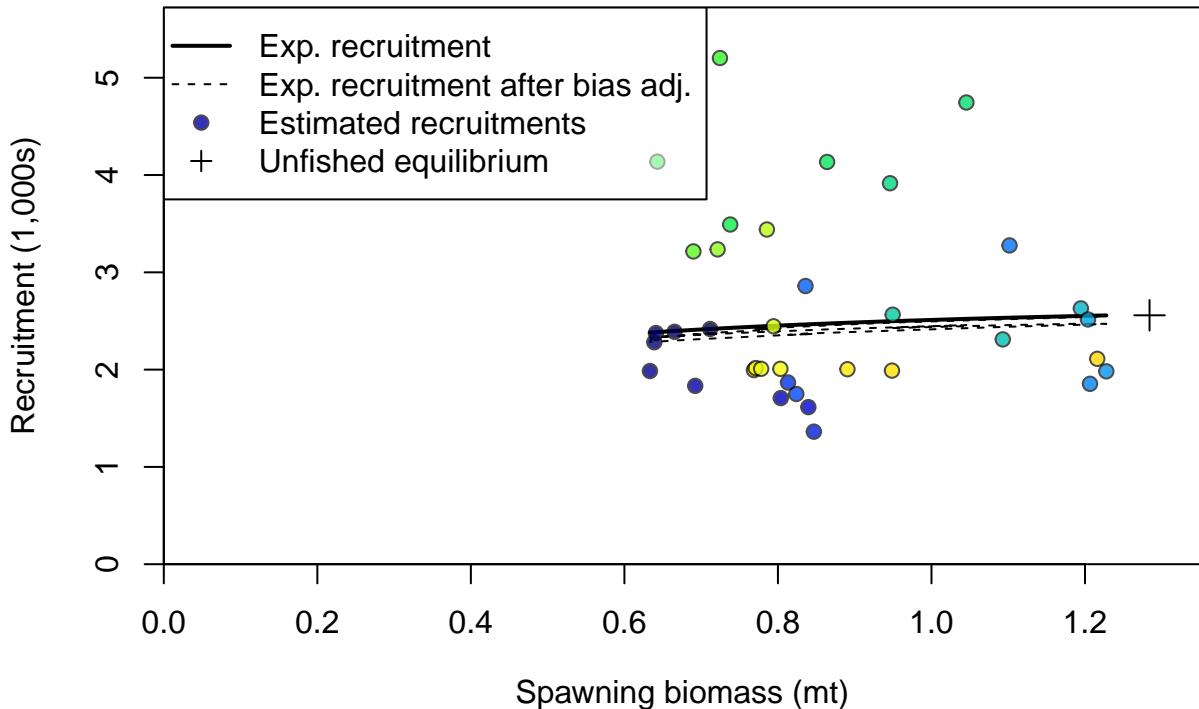
Year

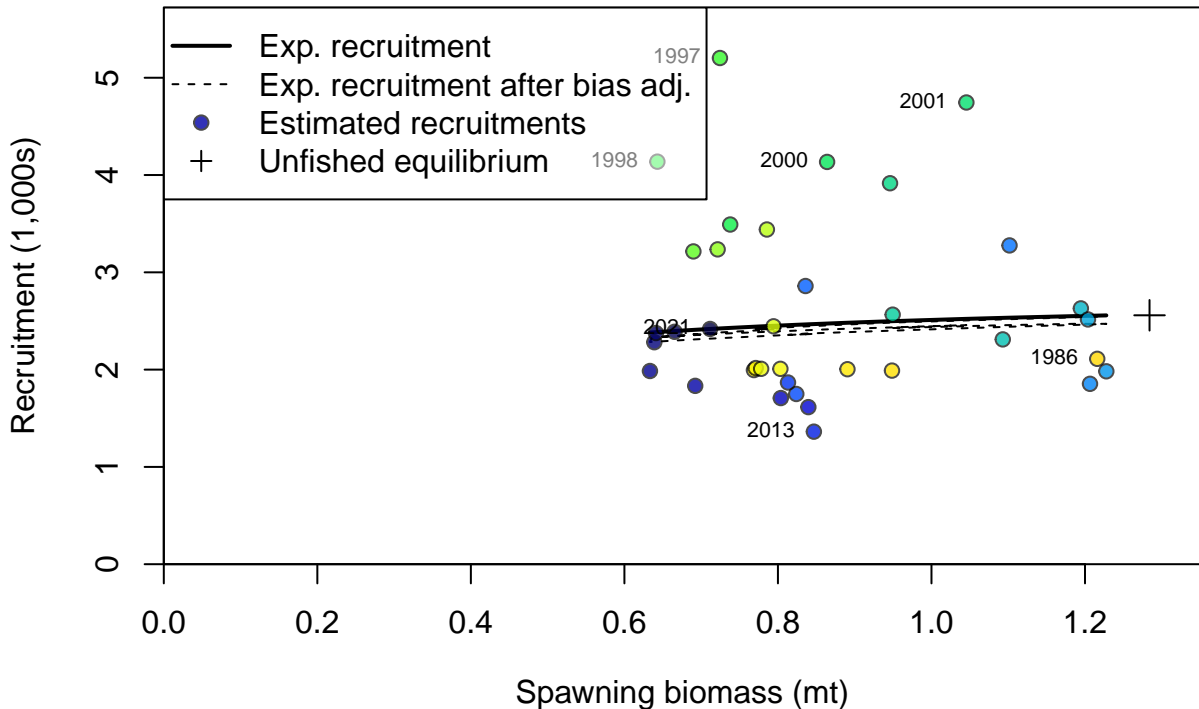
Recruitment deviation variance

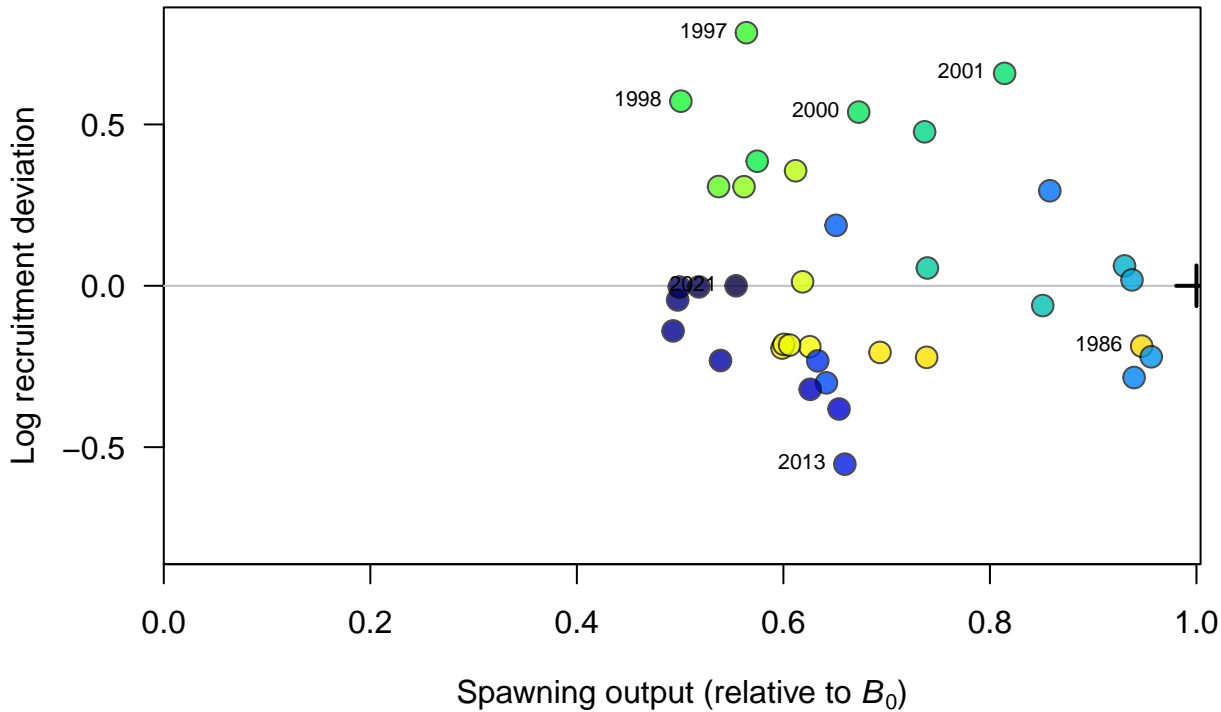
Asymptotic standard error estimate

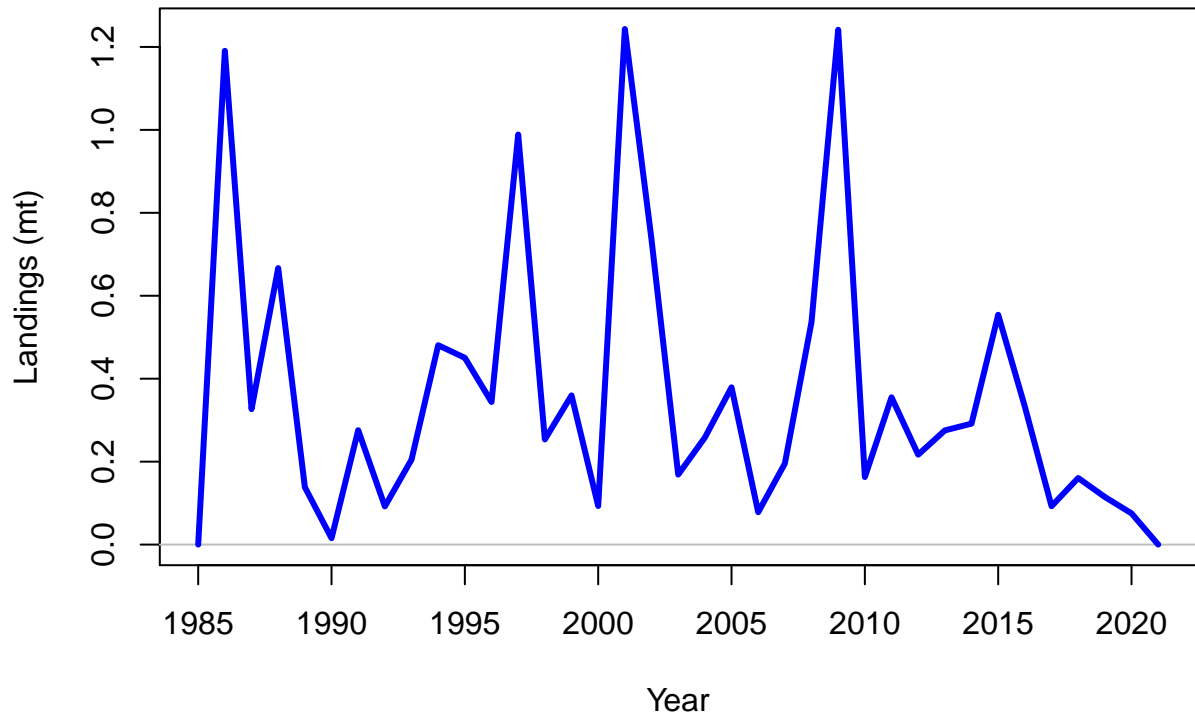


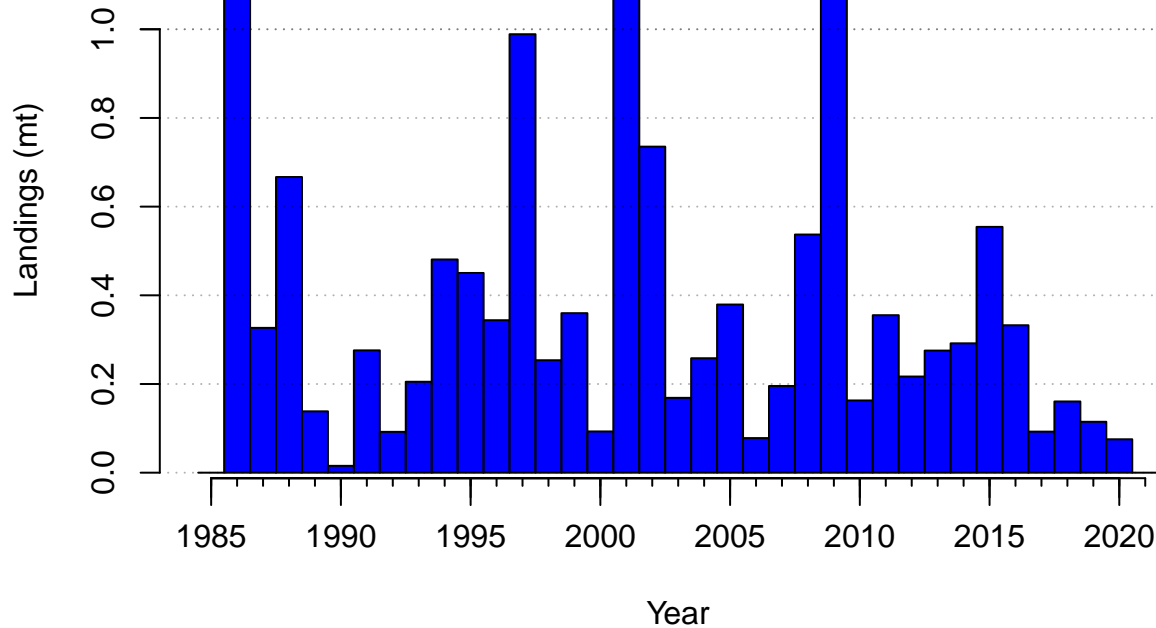


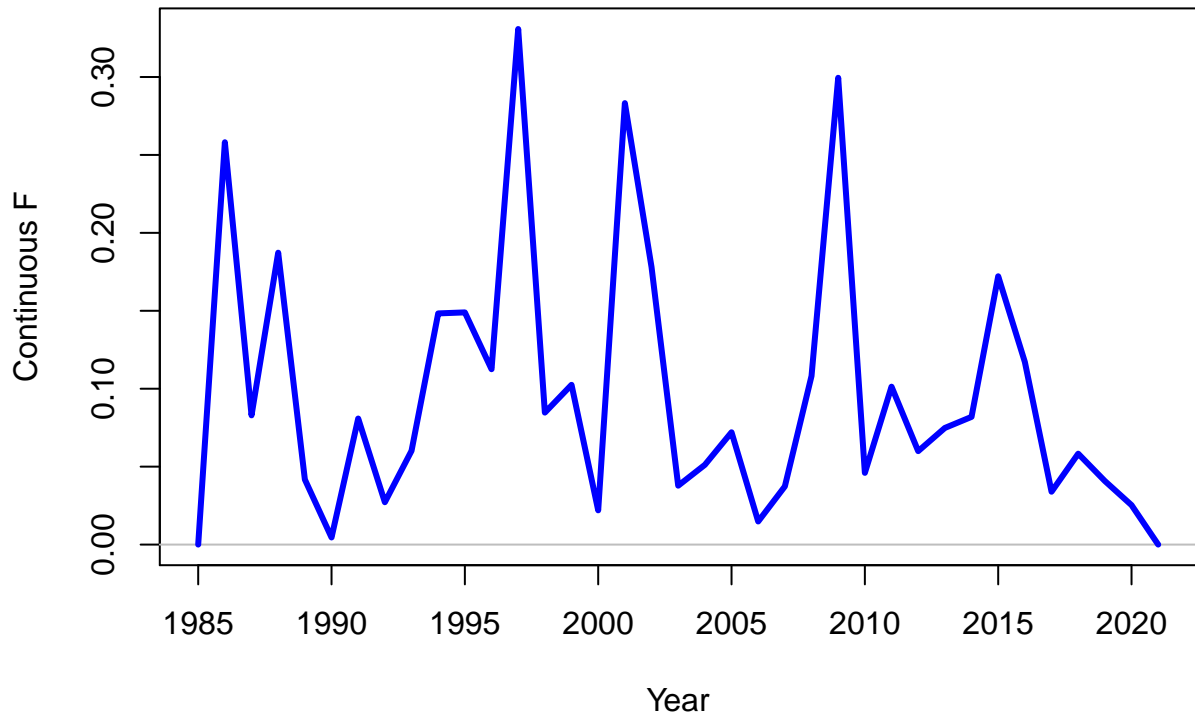




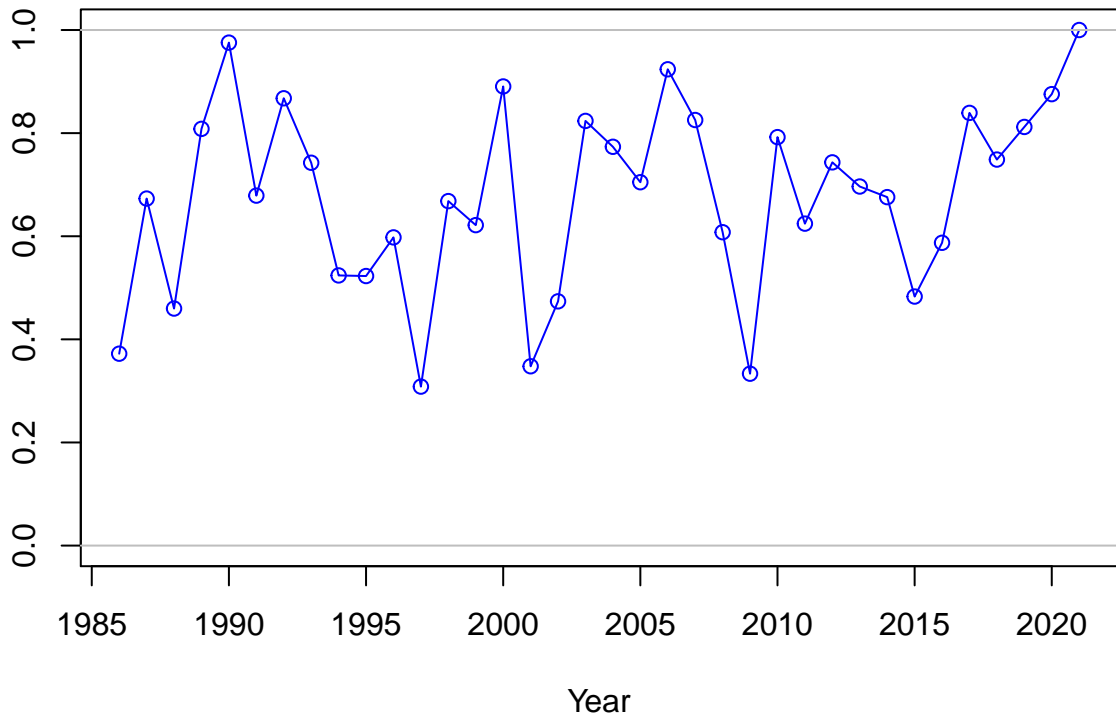




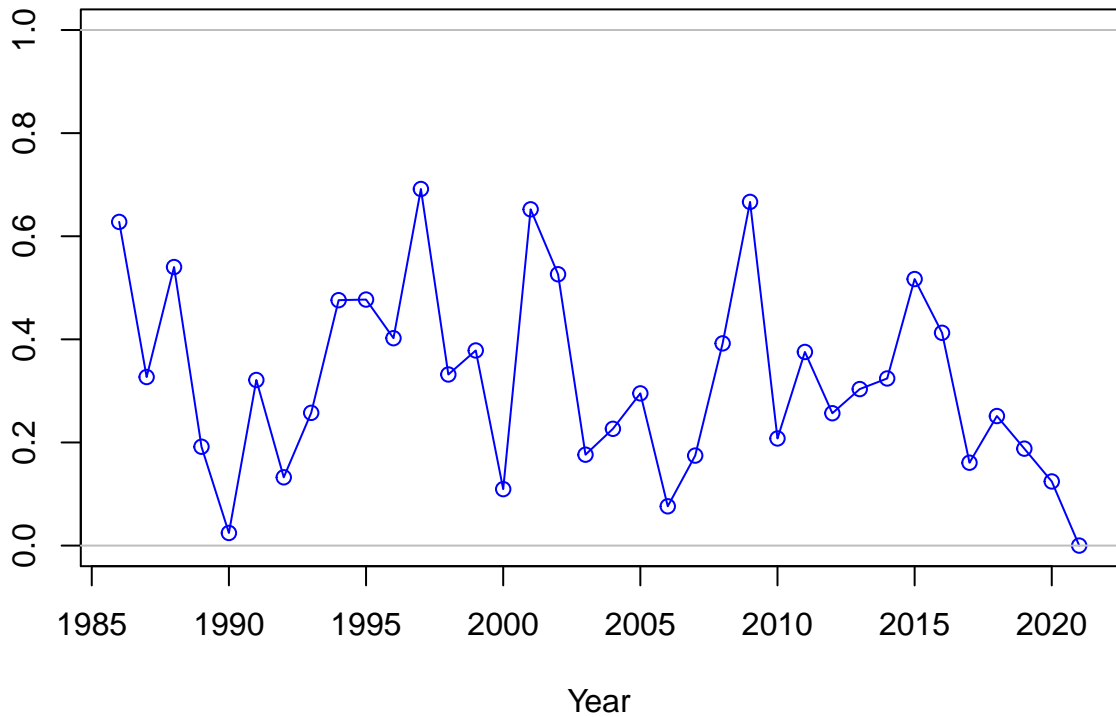




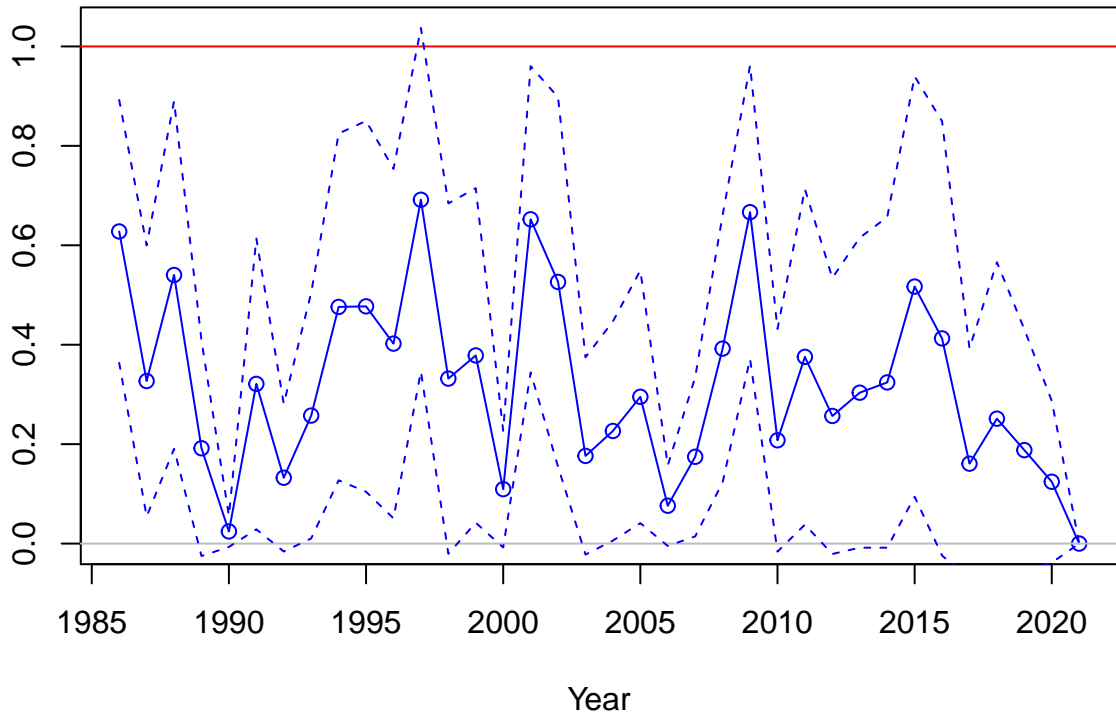
SPR



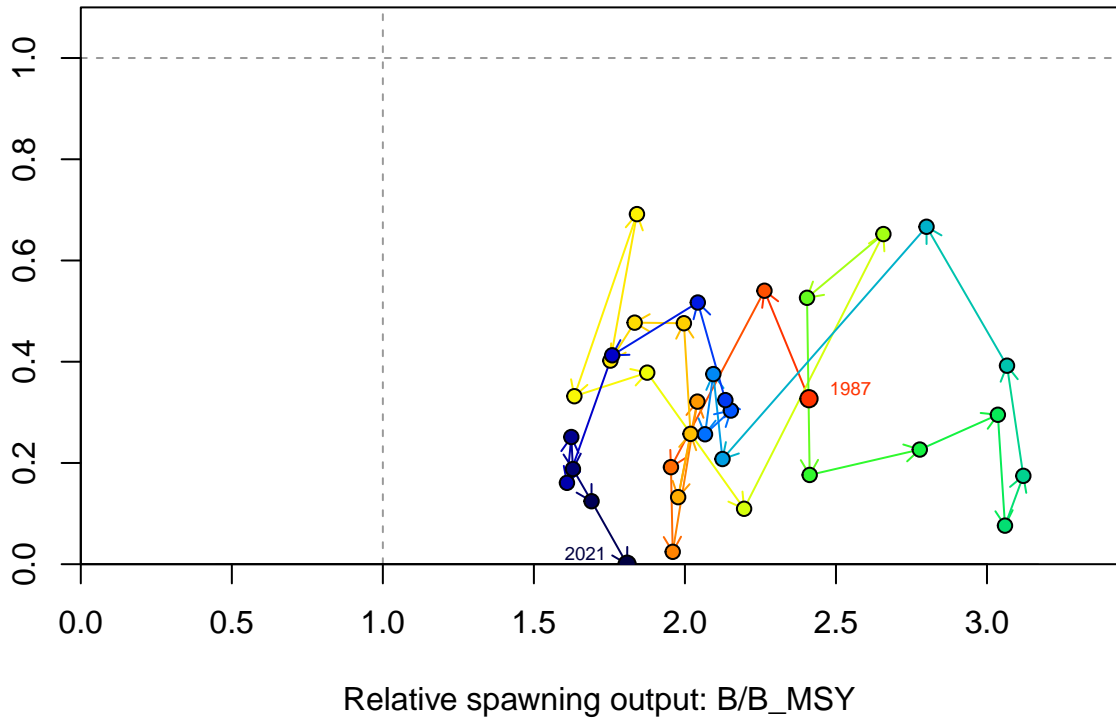
1-SPR

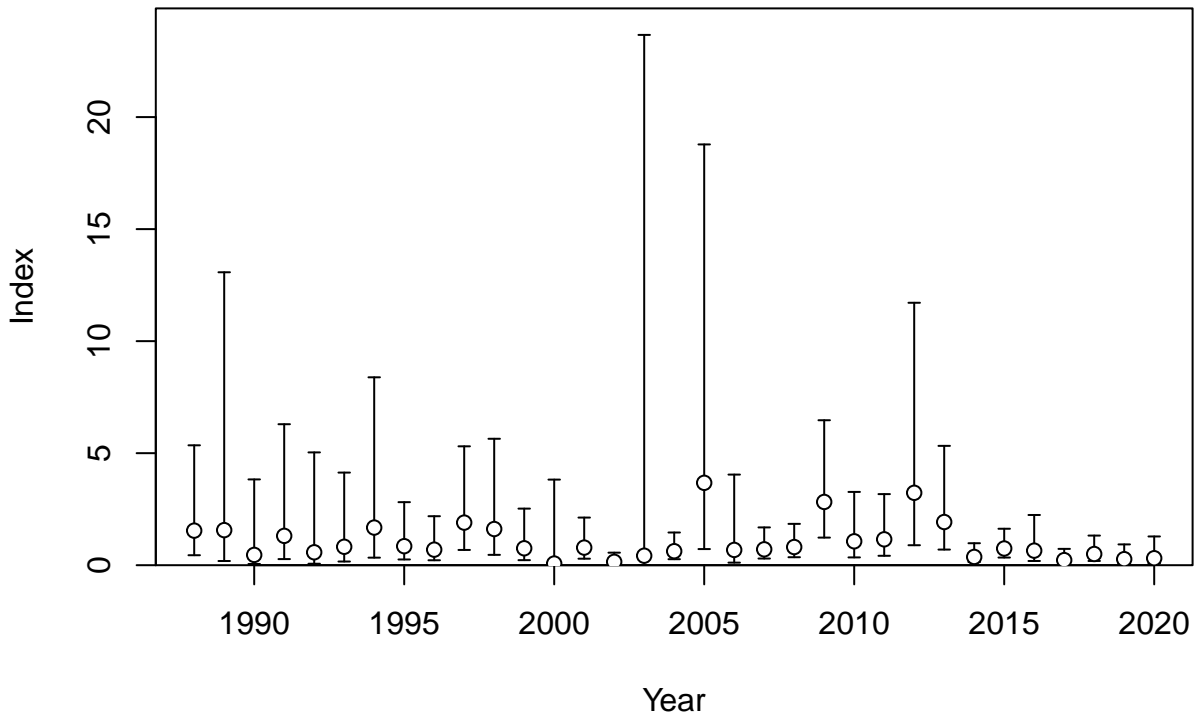


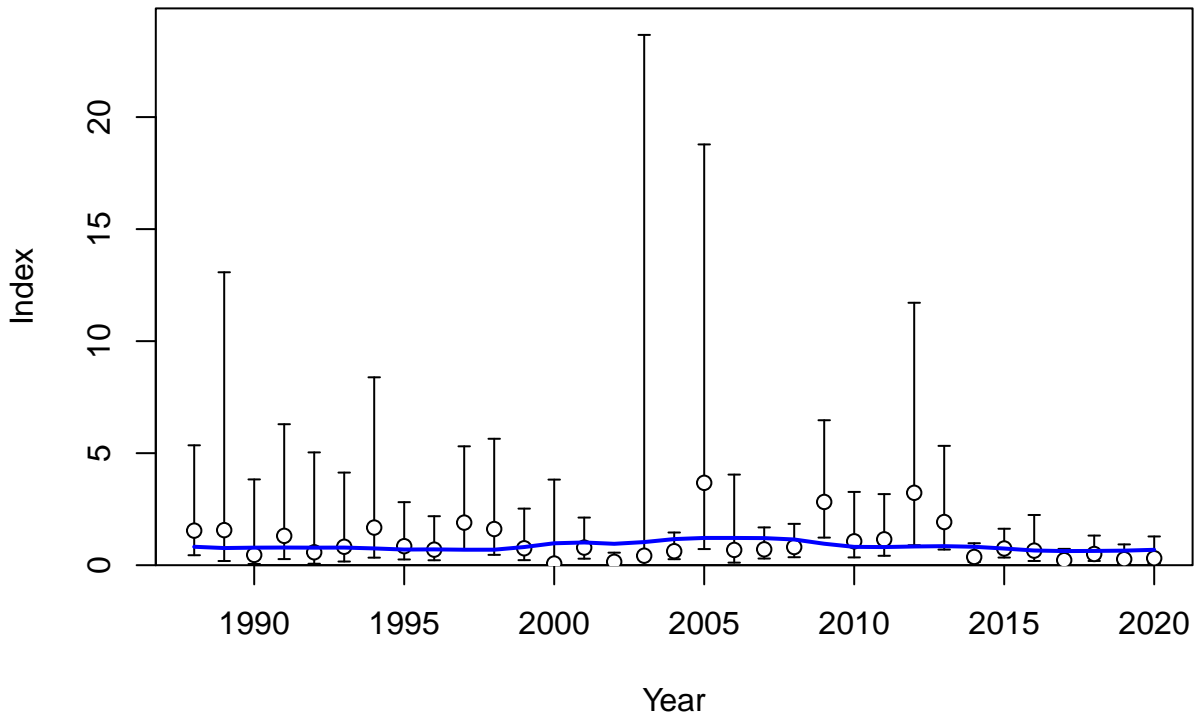
Fishing intensity: 1-SPR



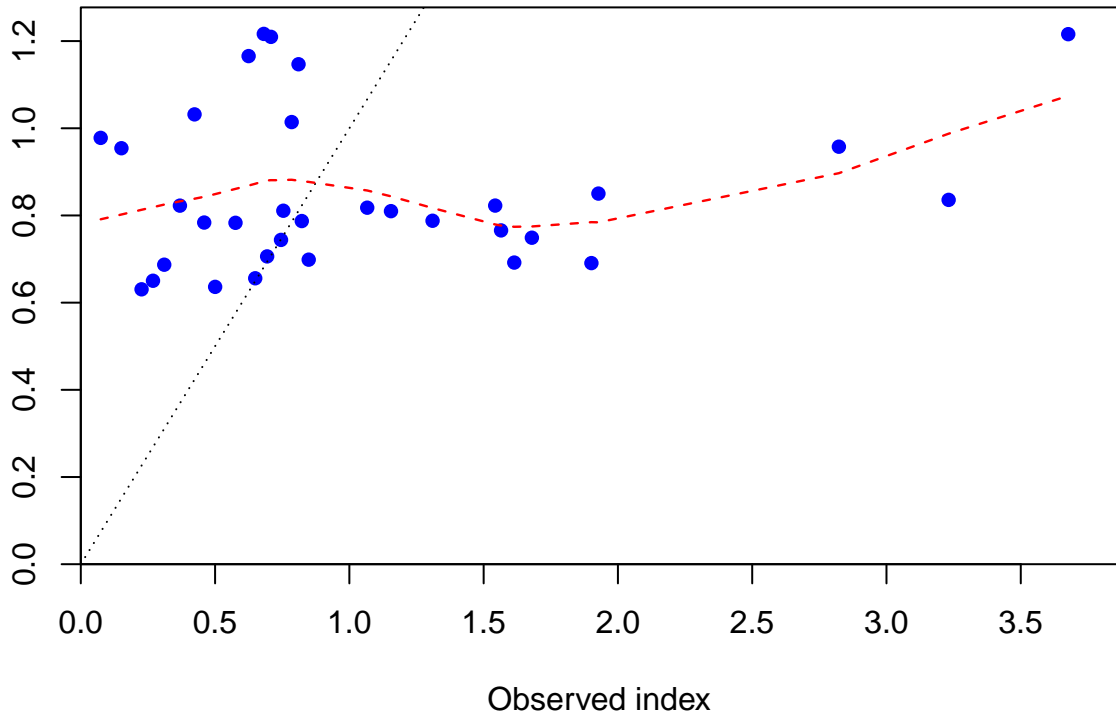
Fishing intensity: 1-SPR

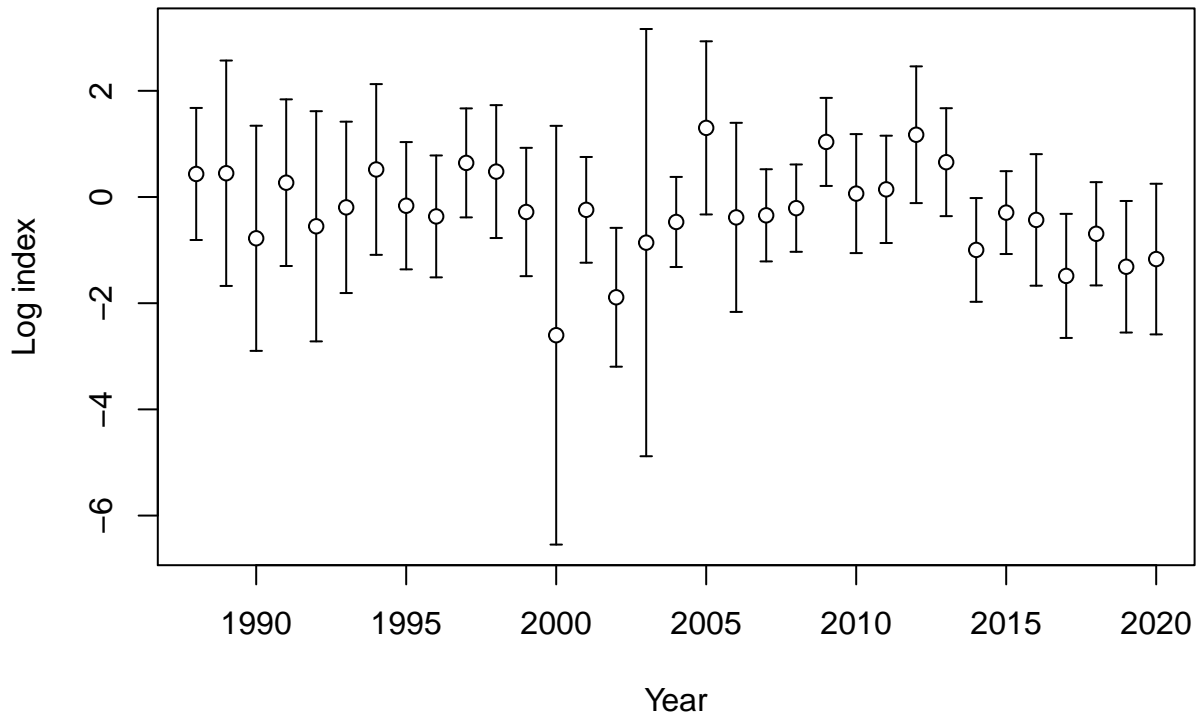


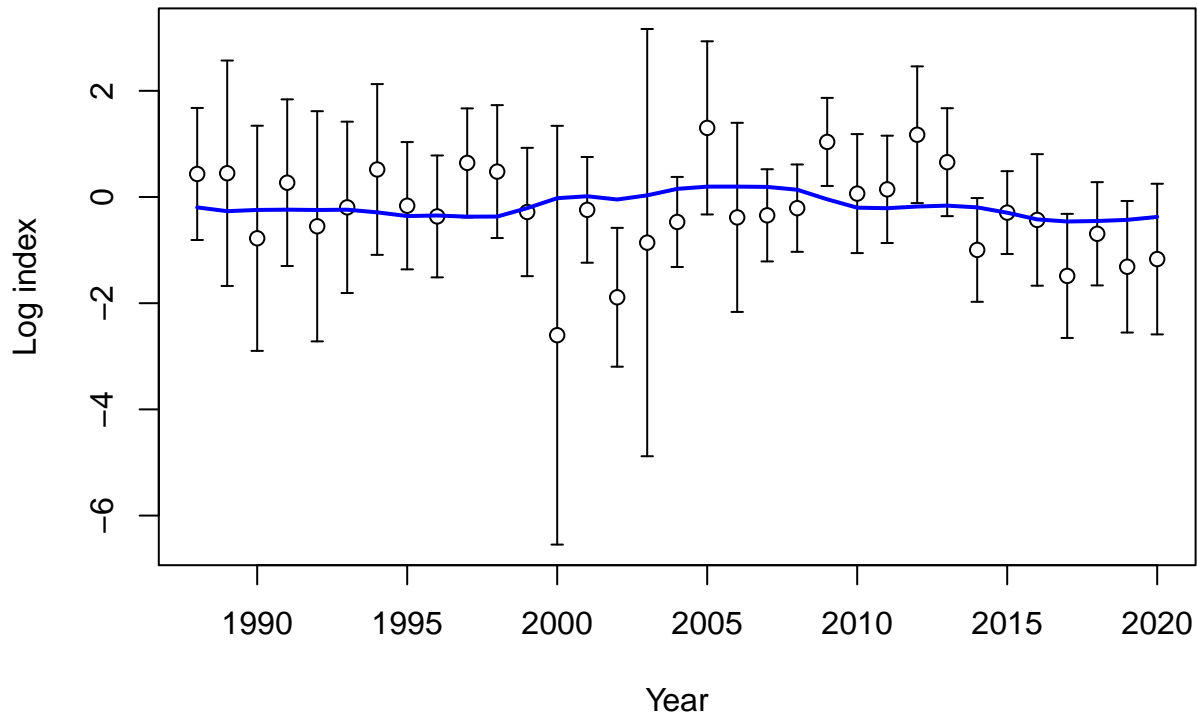


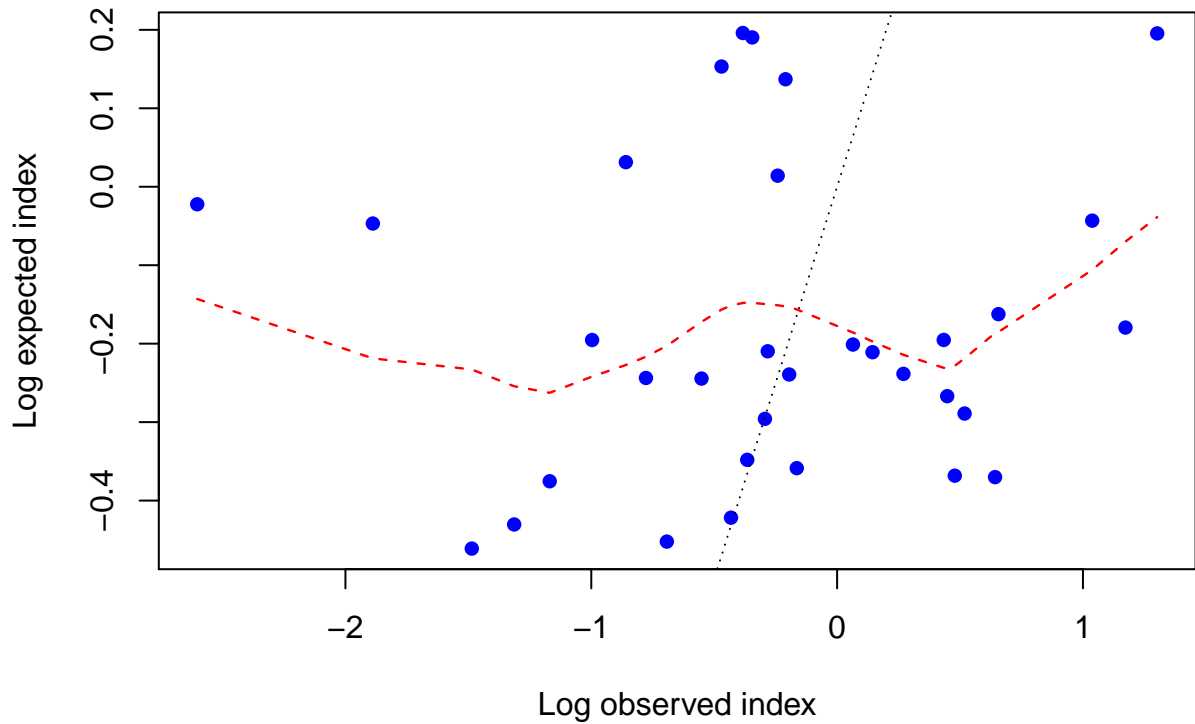


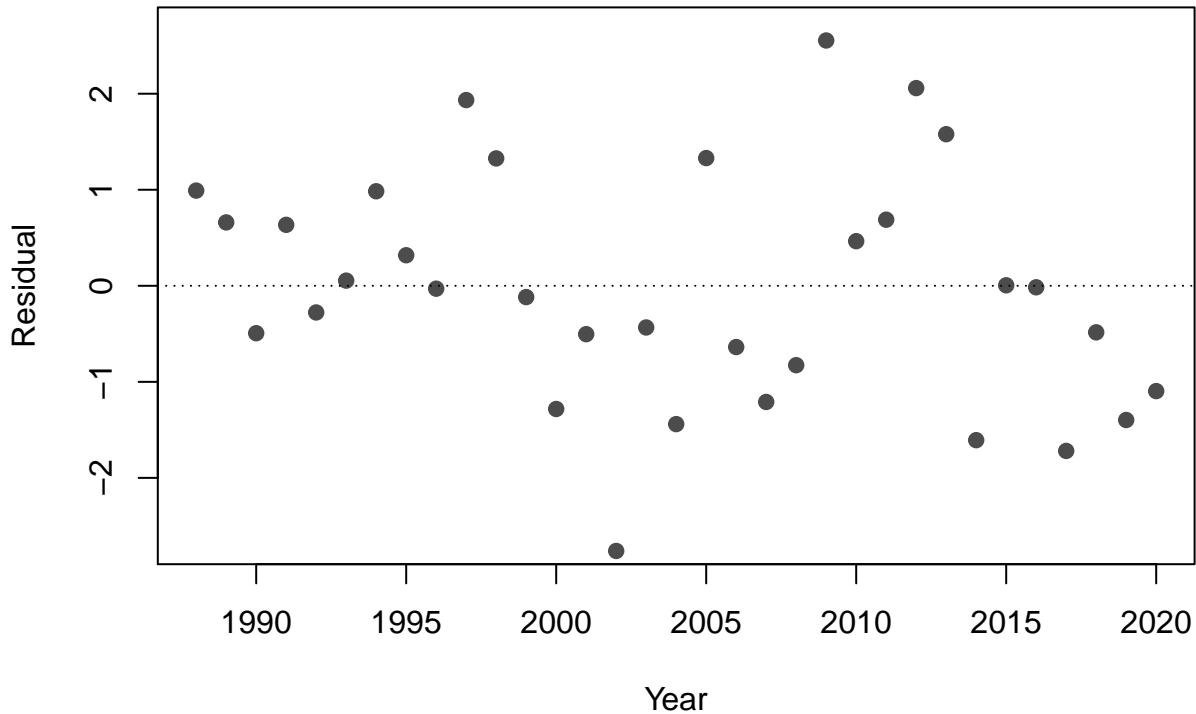
Expected index

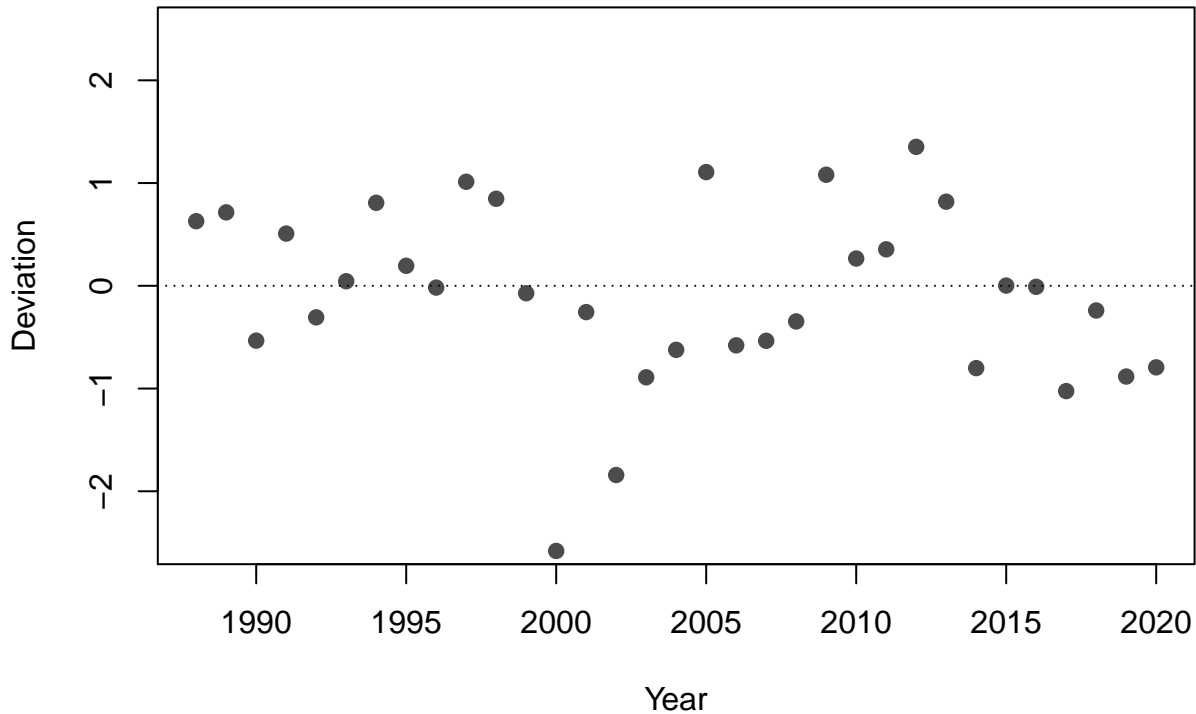


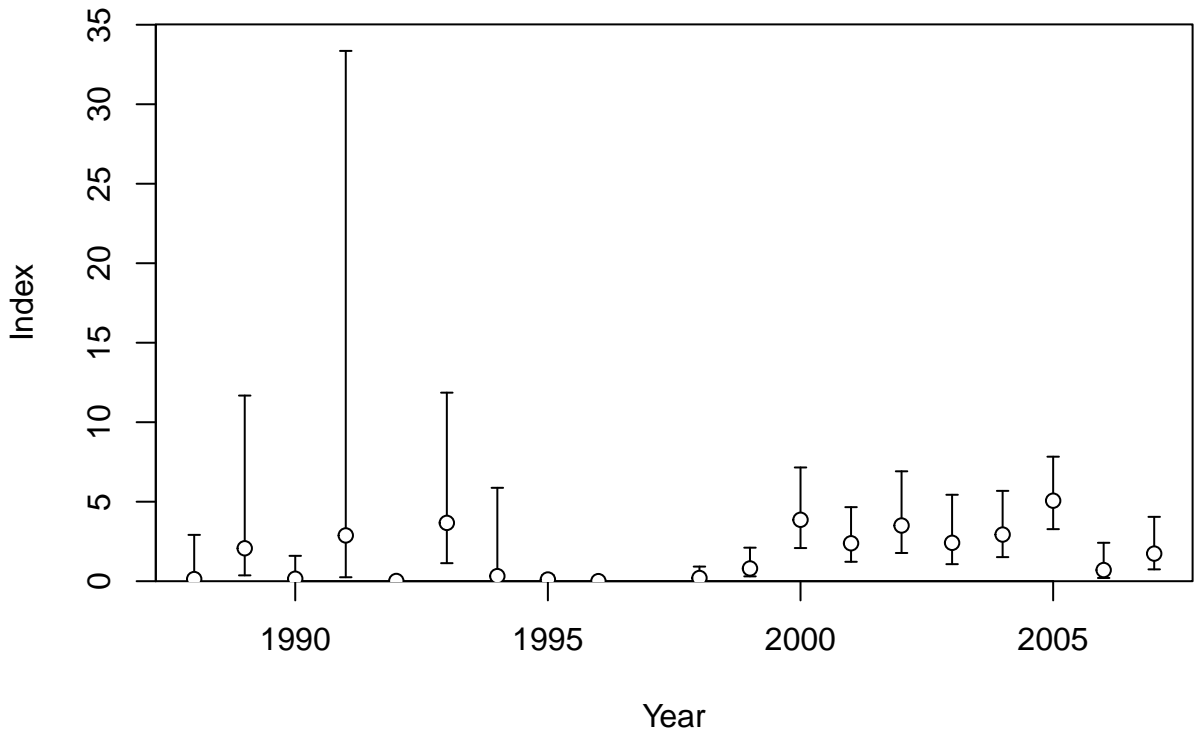


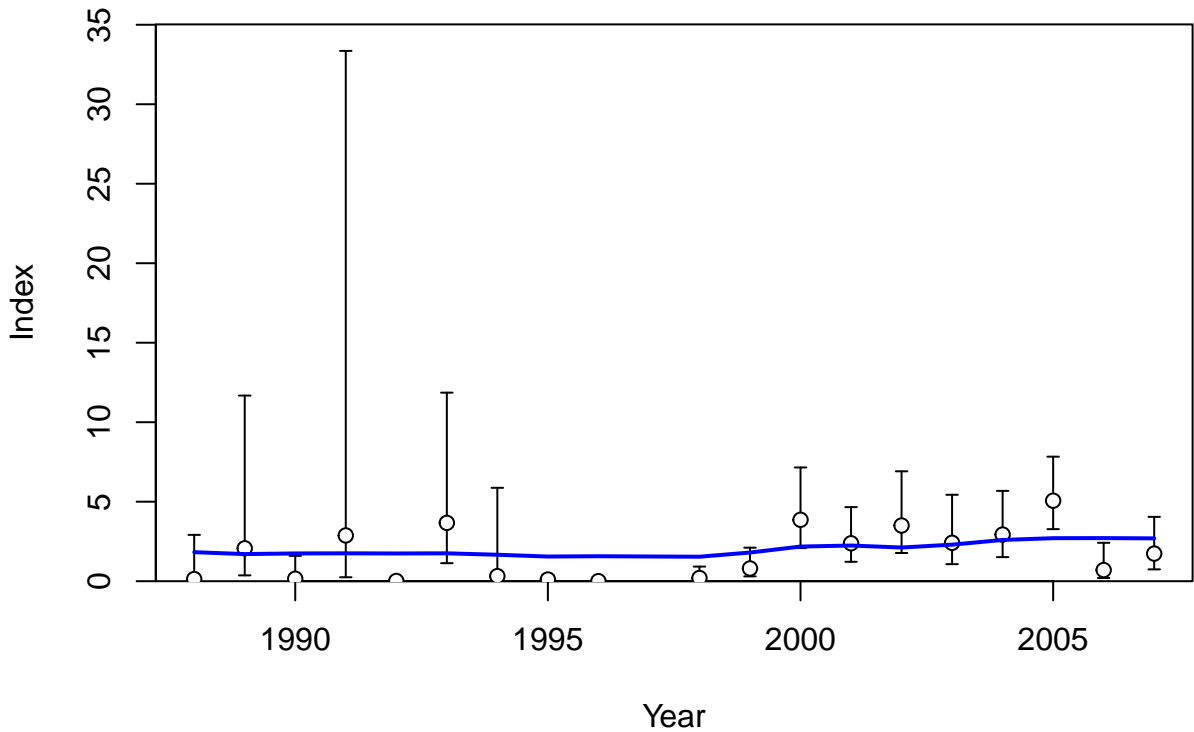


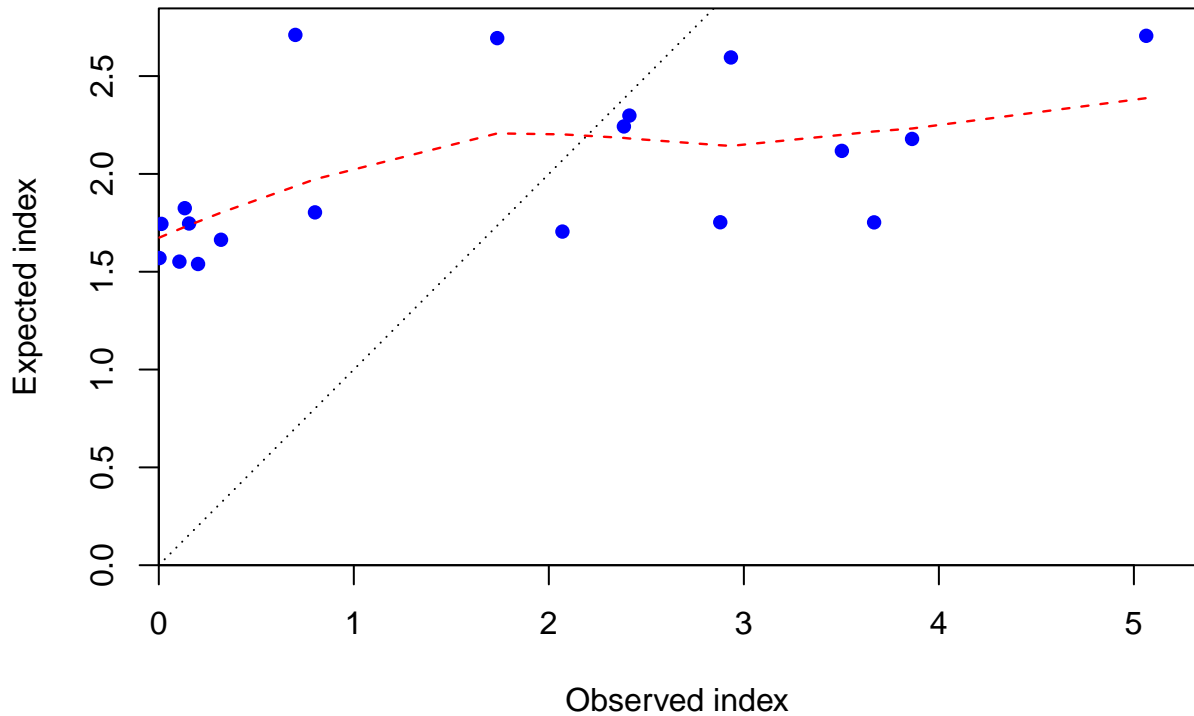


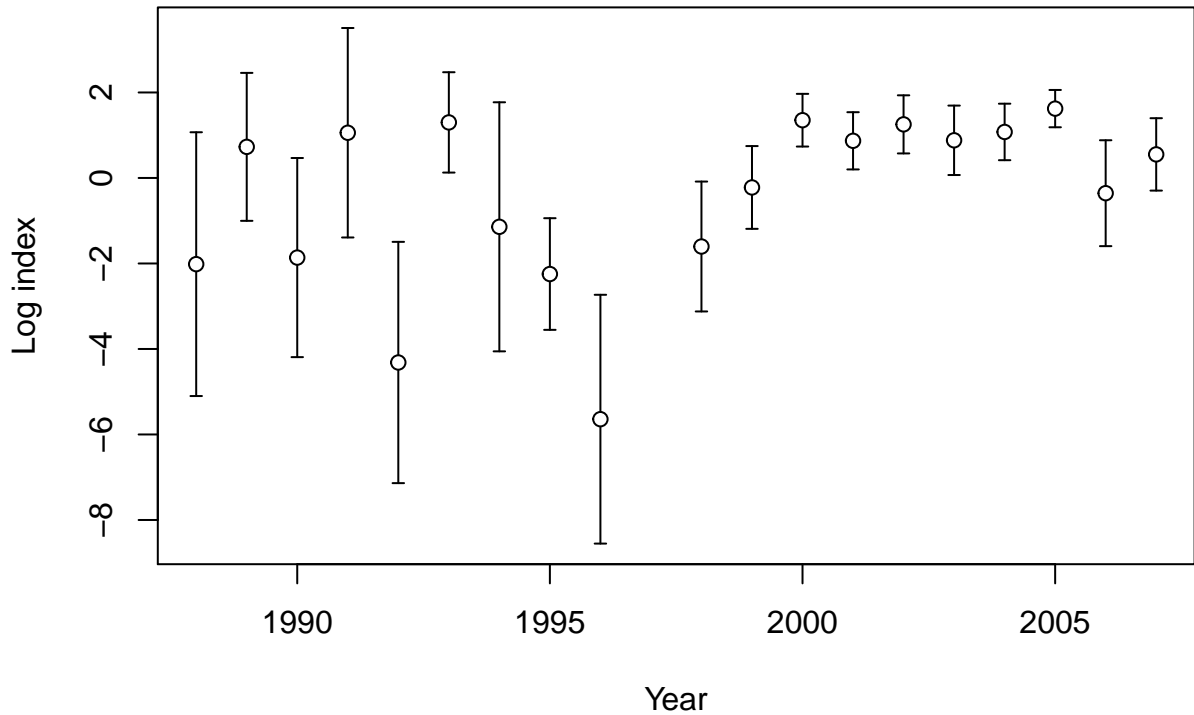












Log index

2
0
-2
-4
-6
-8

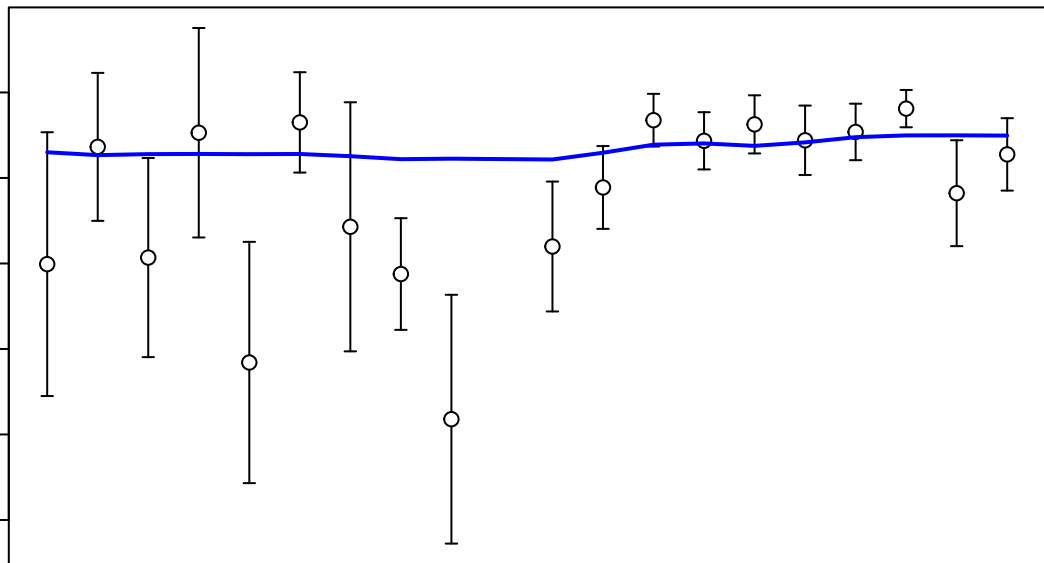
1990

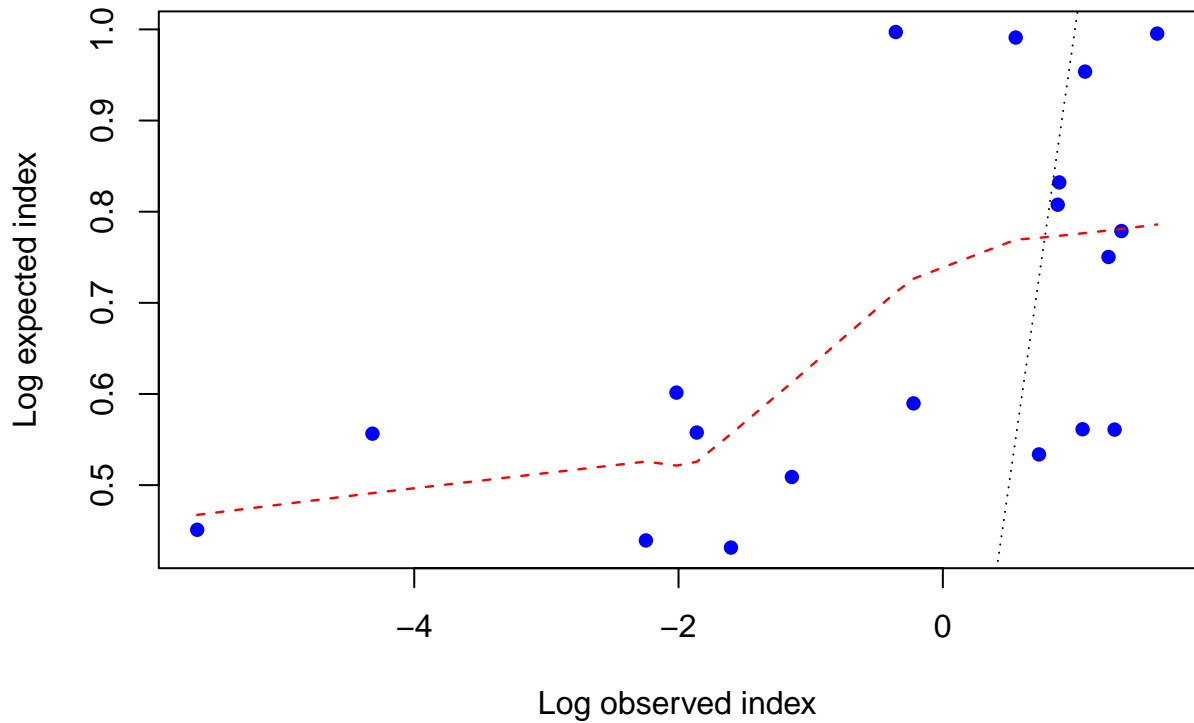
1995

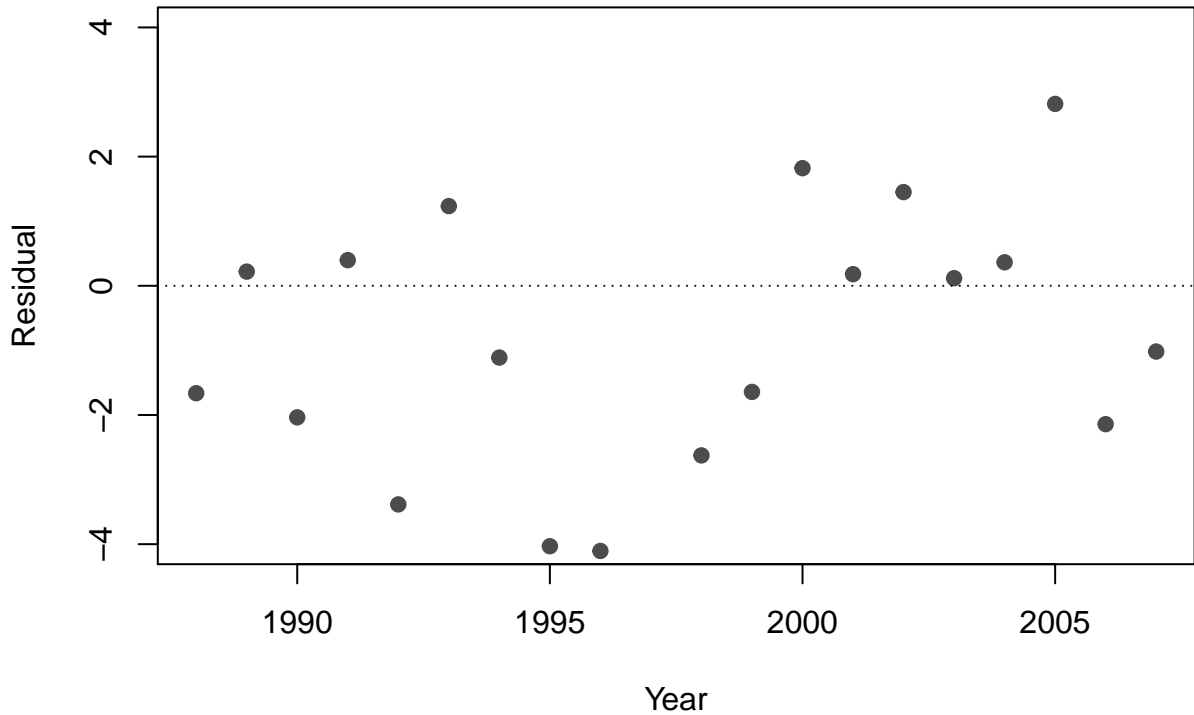
2000

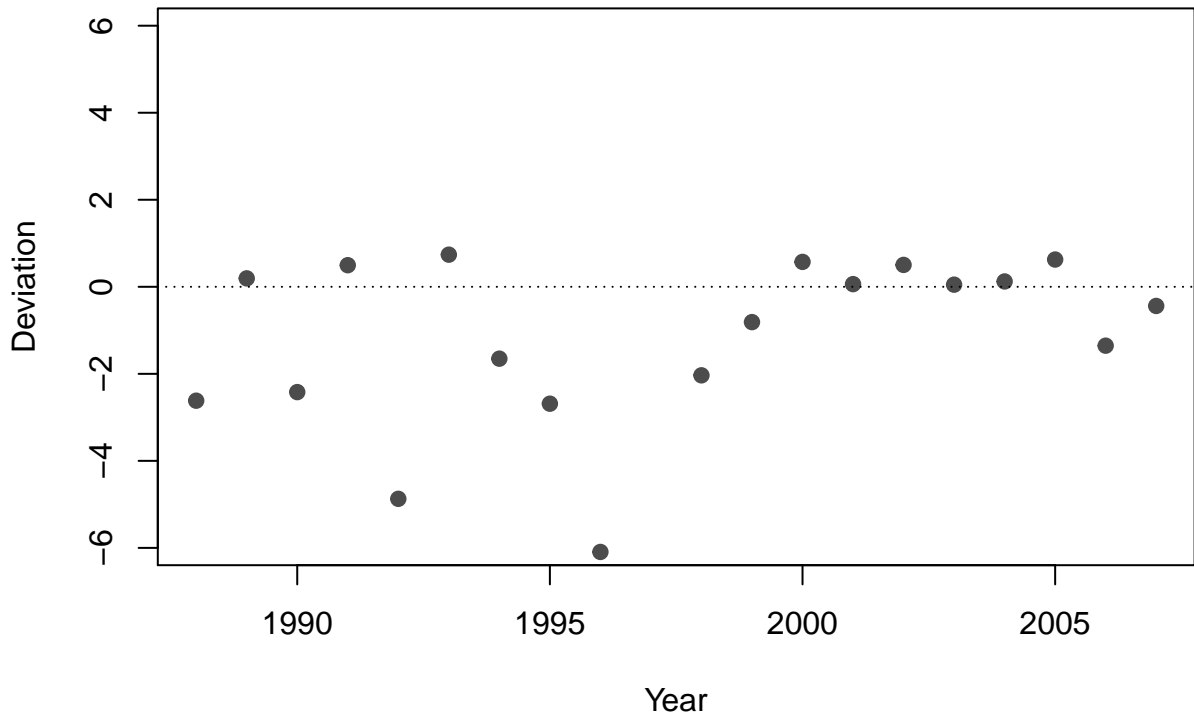
2005

Year

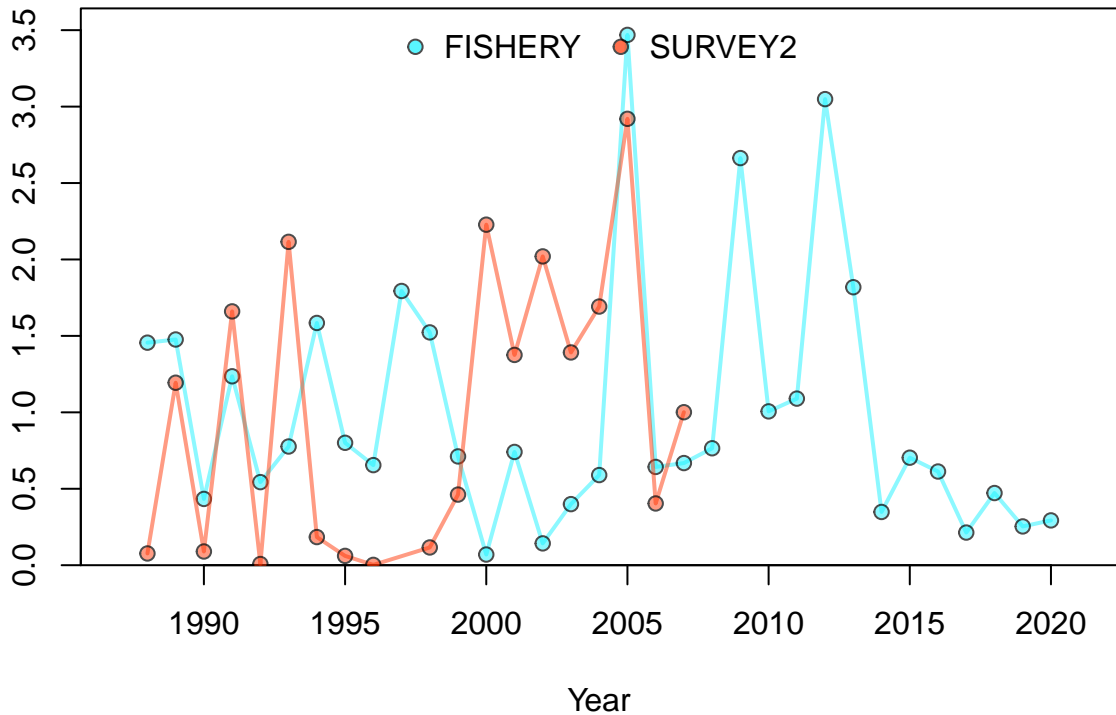




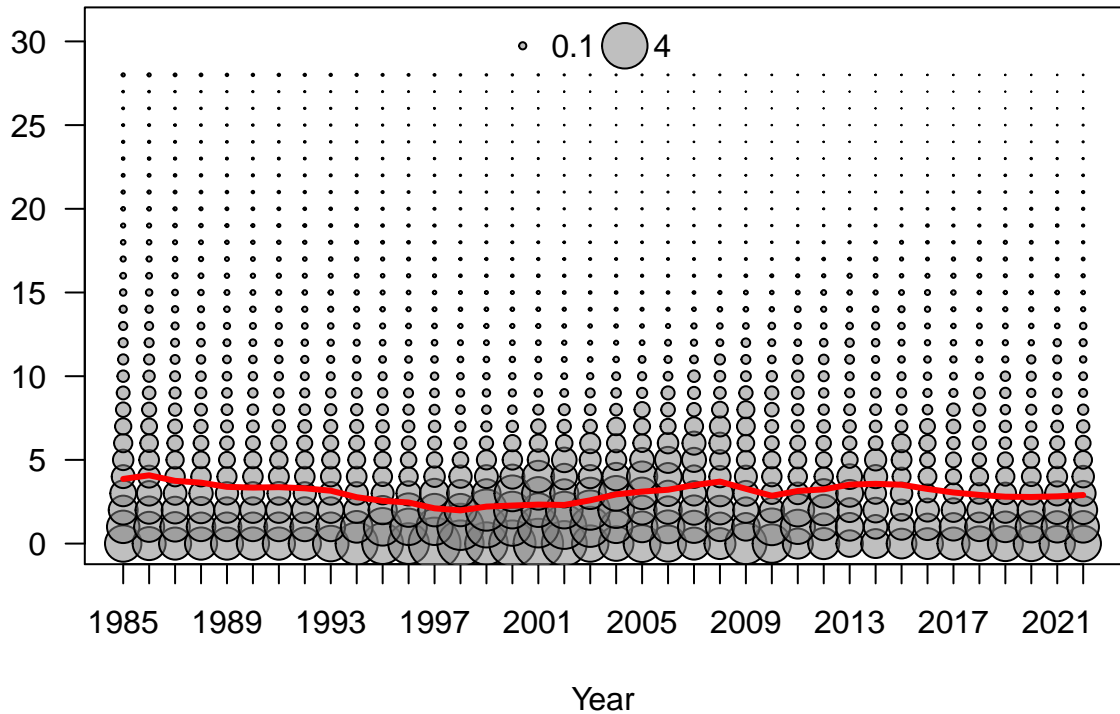




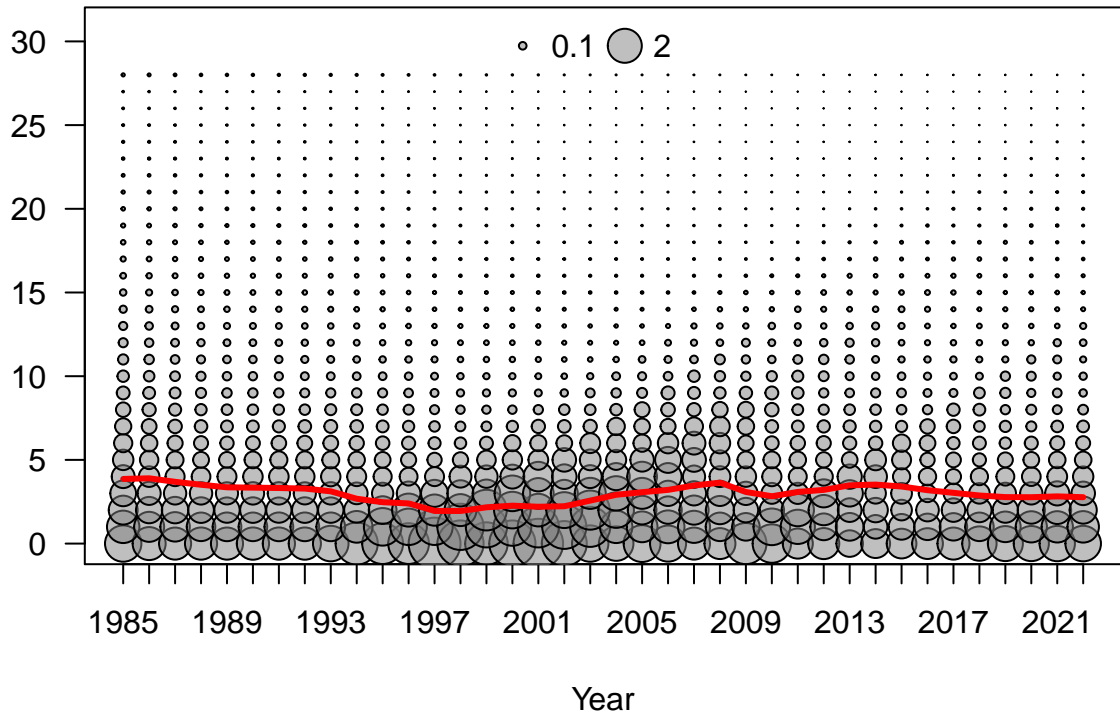
Standardized index

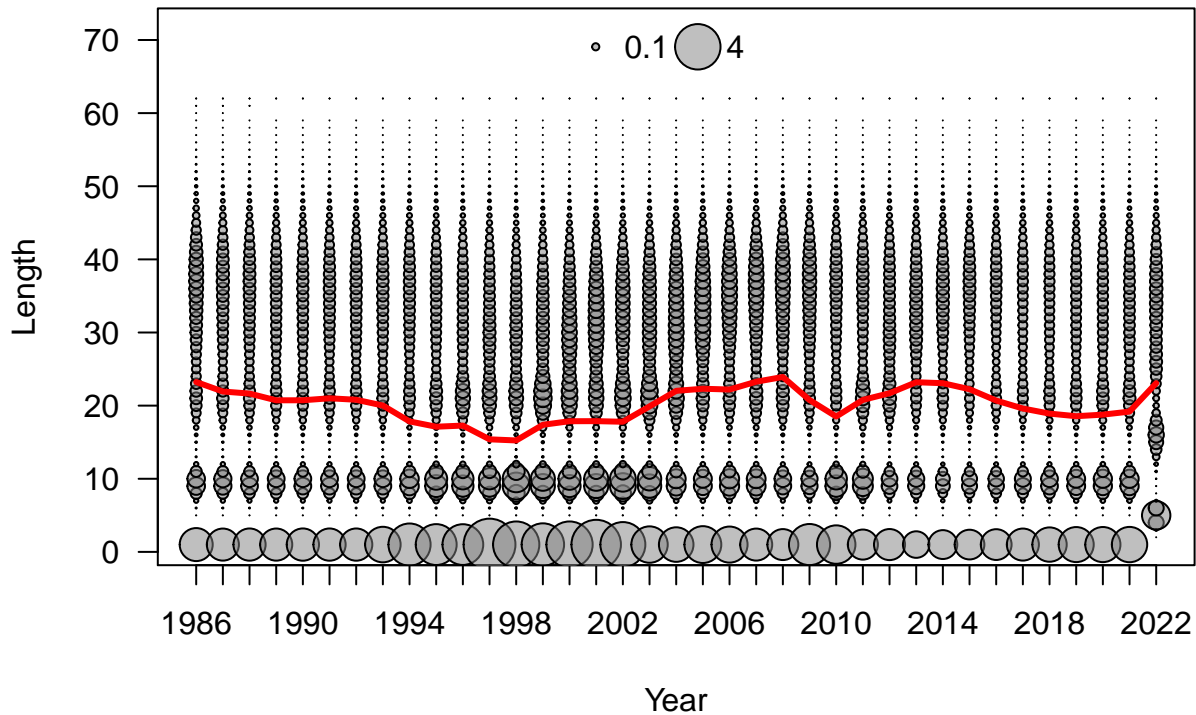


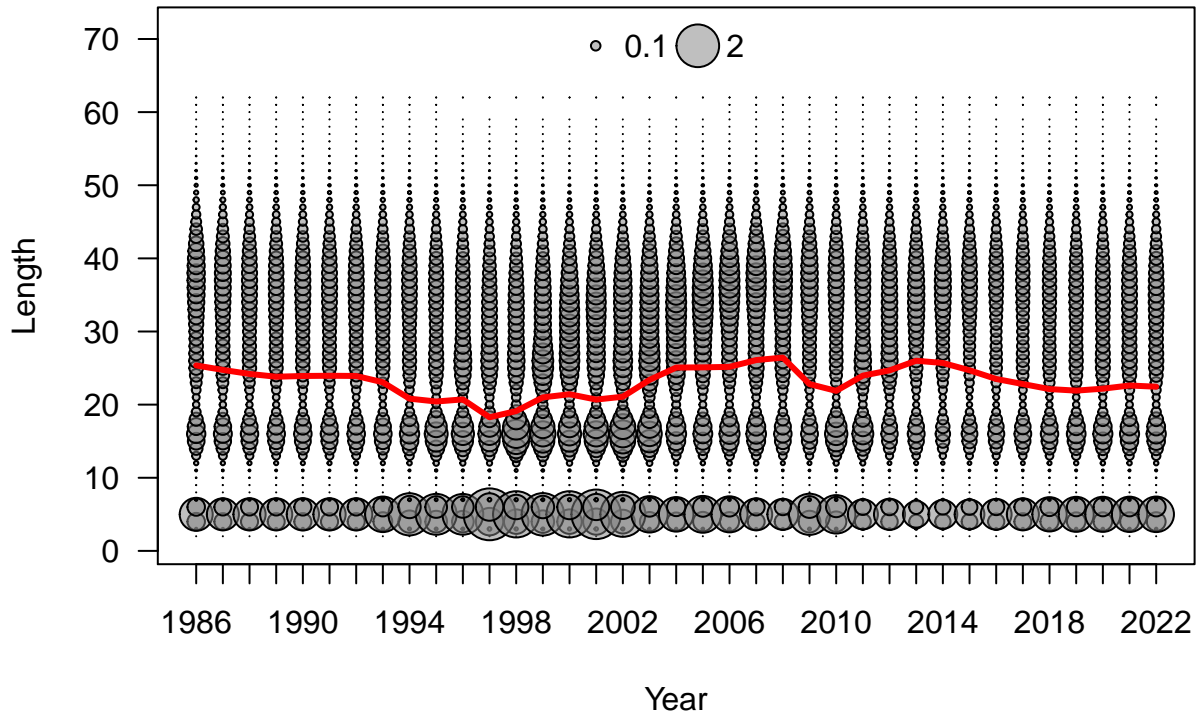
Age

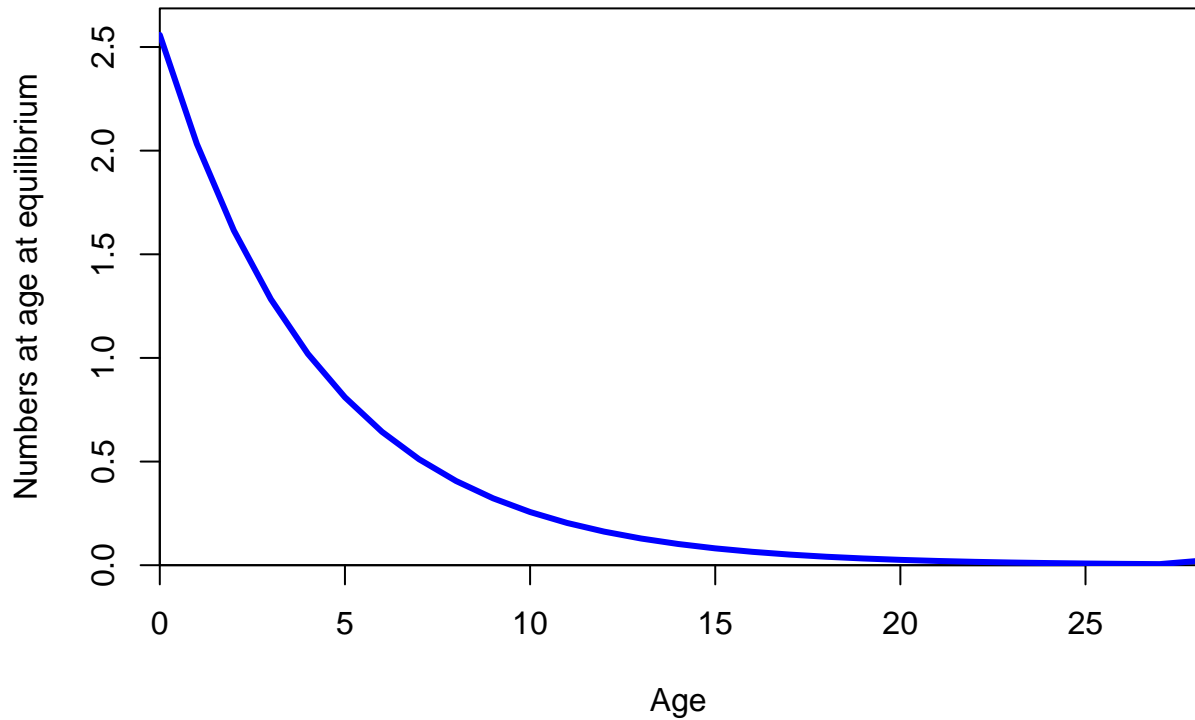


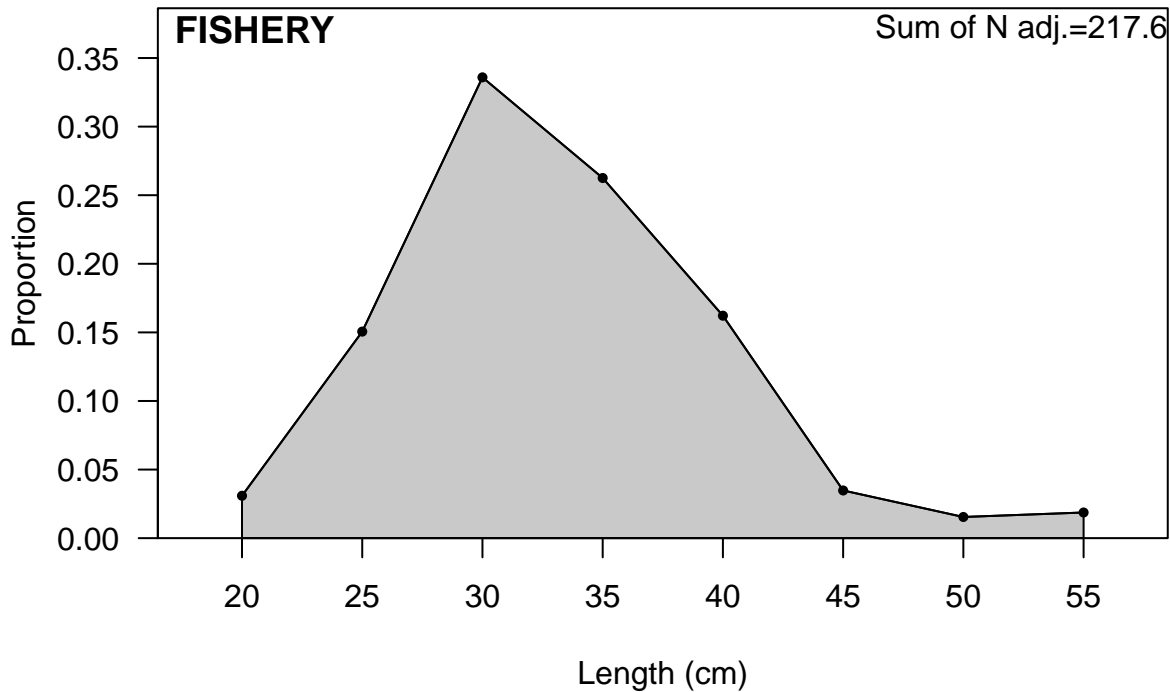
Age

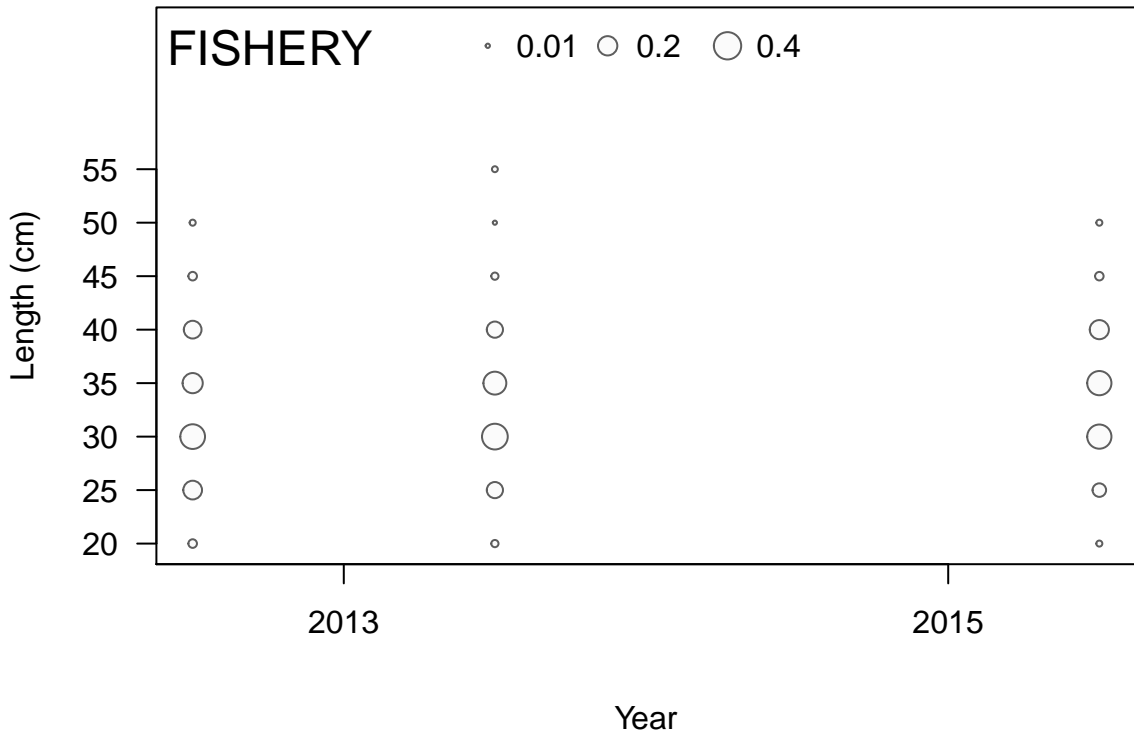


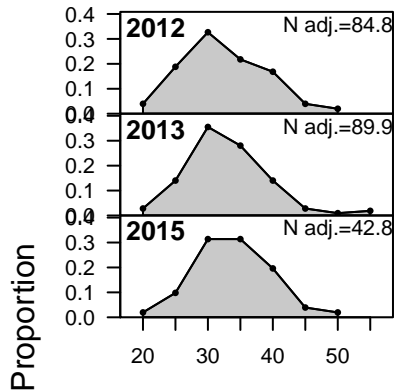




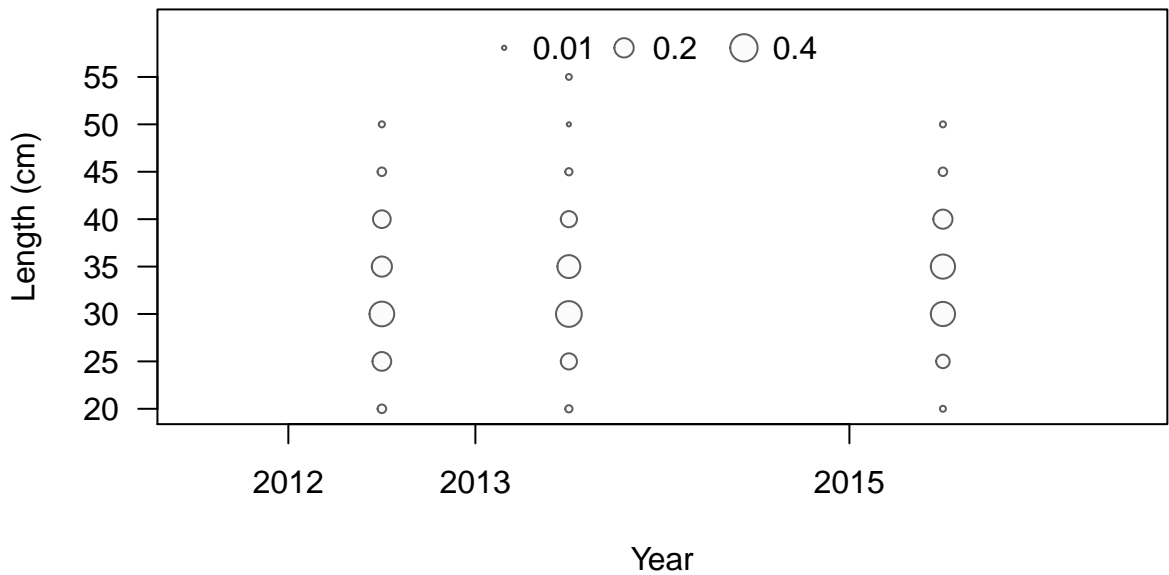




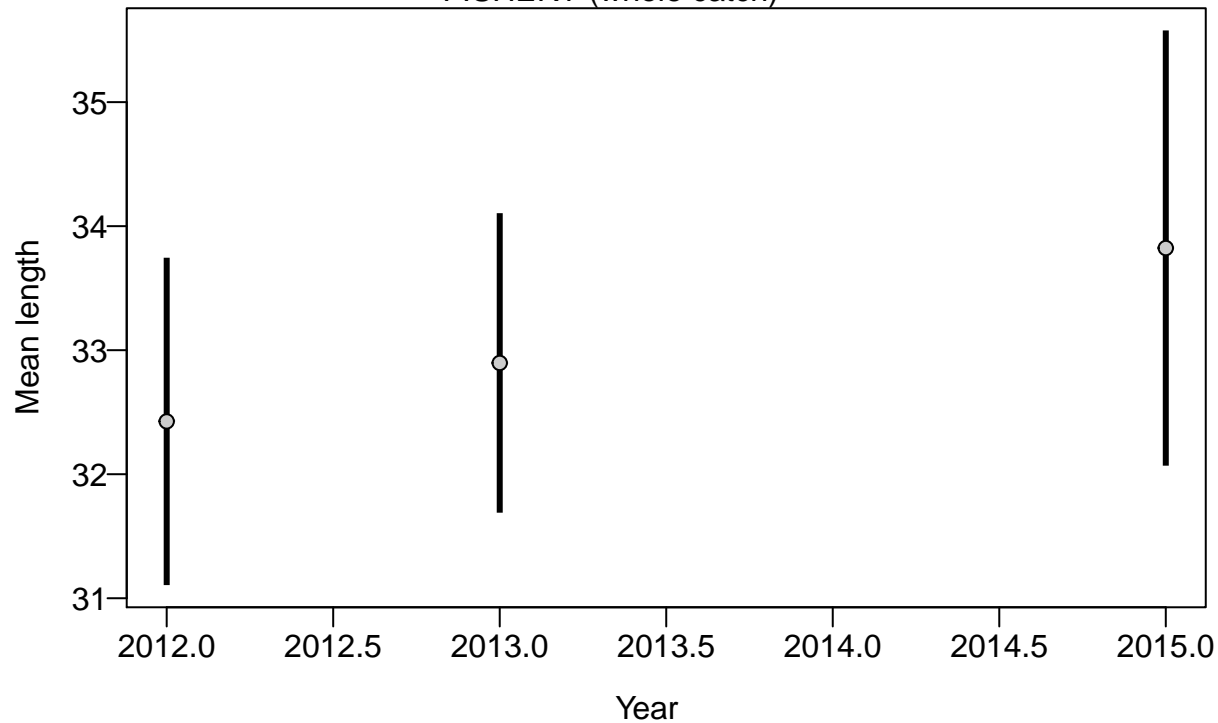


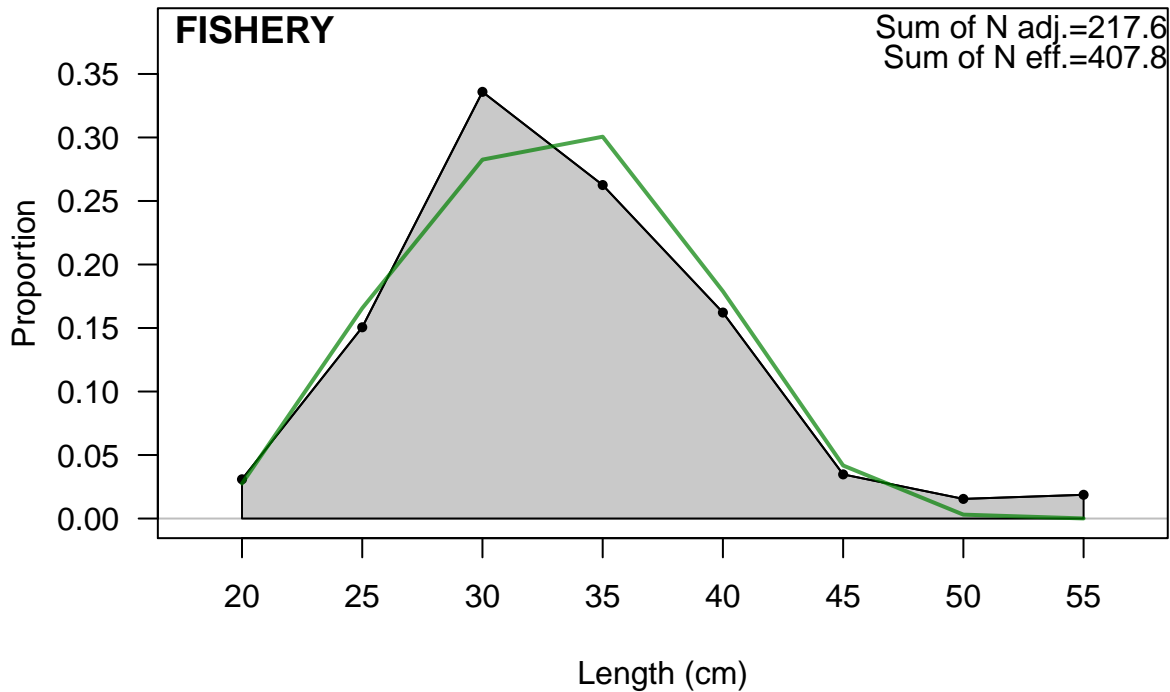


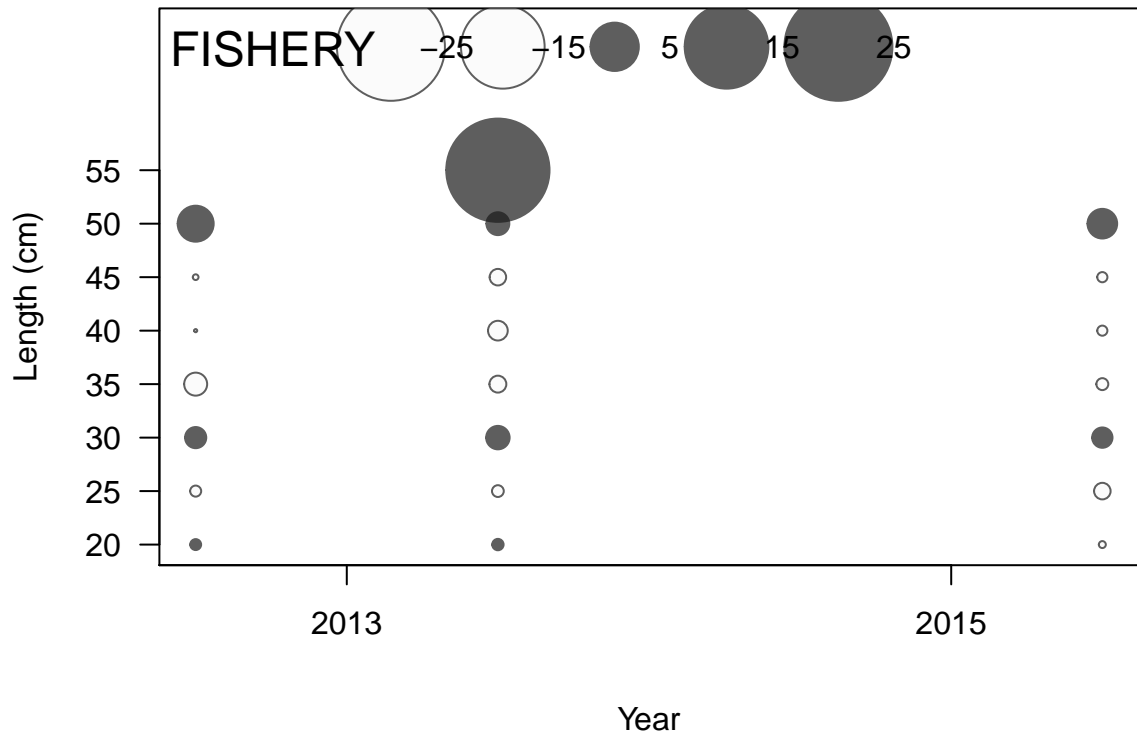
Length (cm)



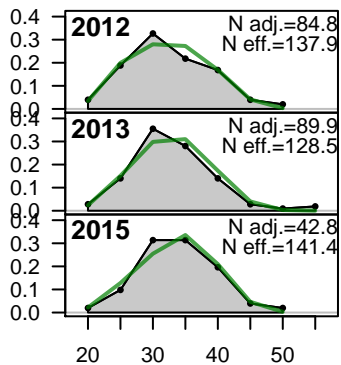
FISHERY (whole catch)



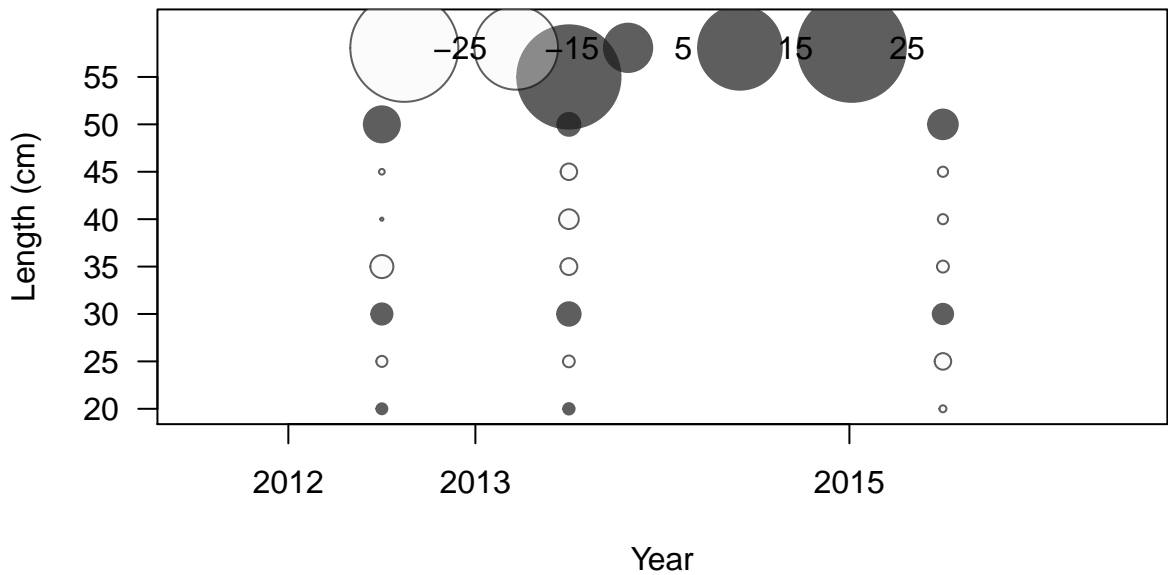




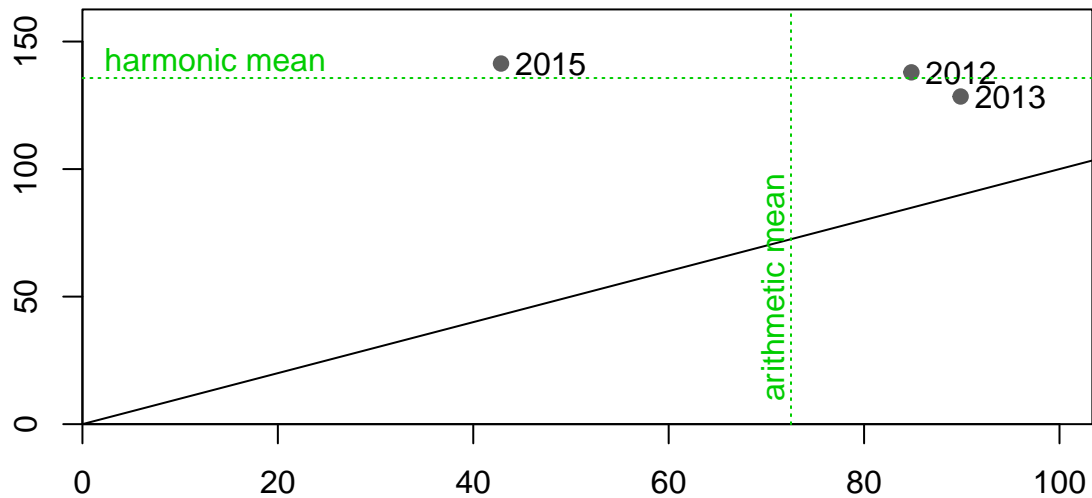
Proportion



Length (cm)

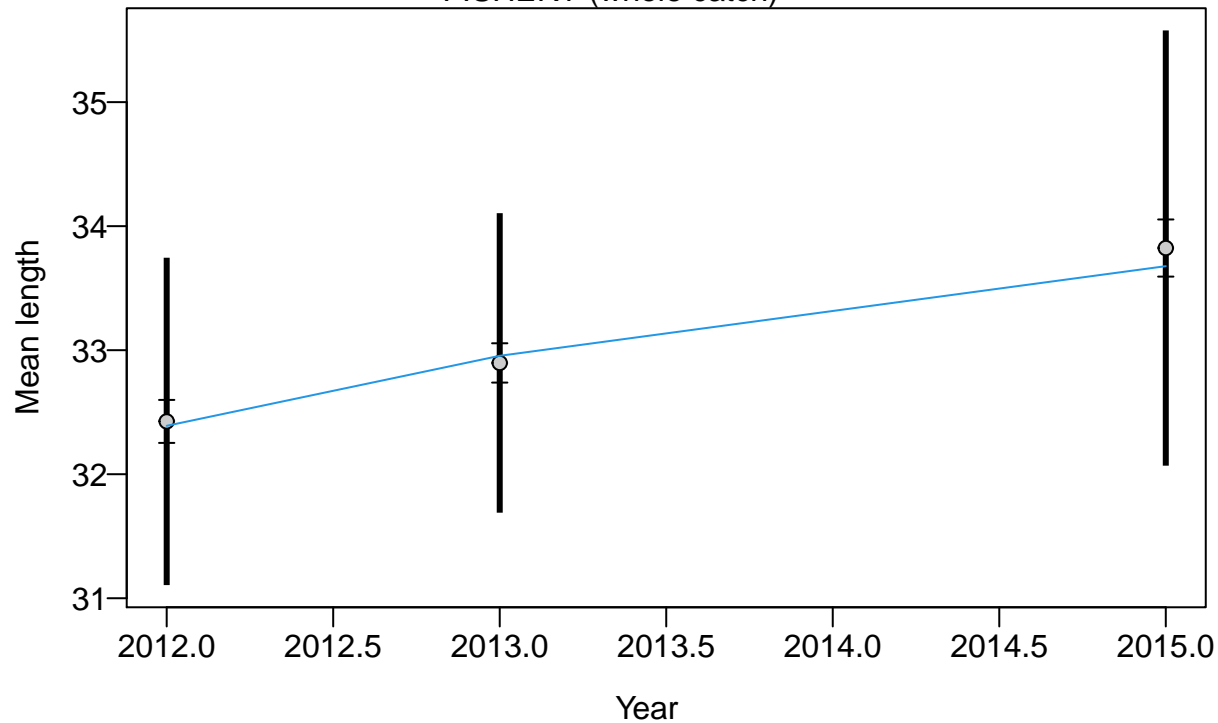


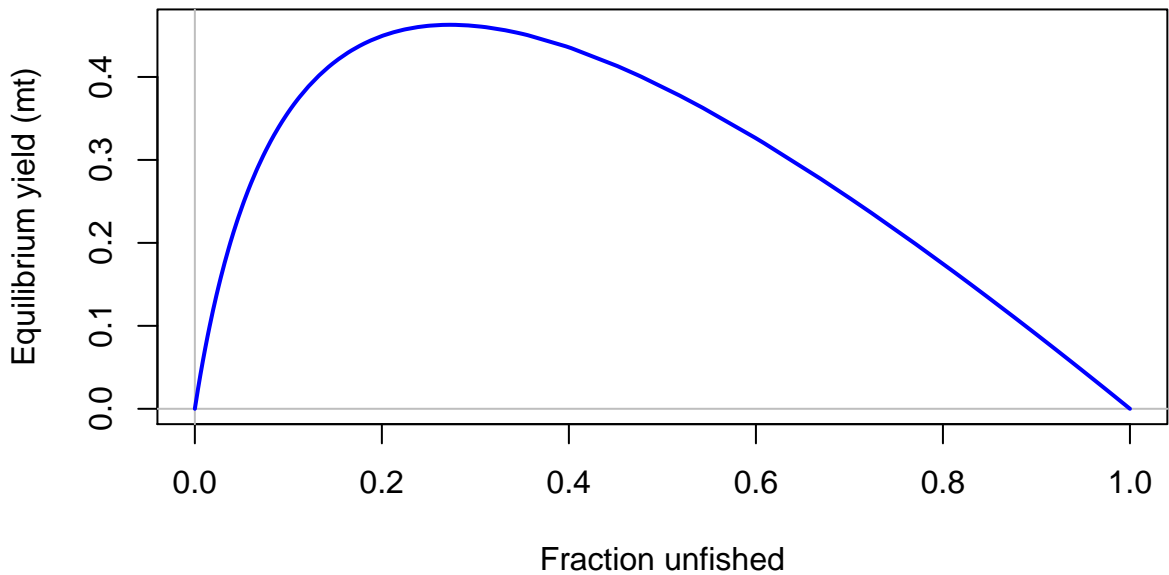
Effective sample size

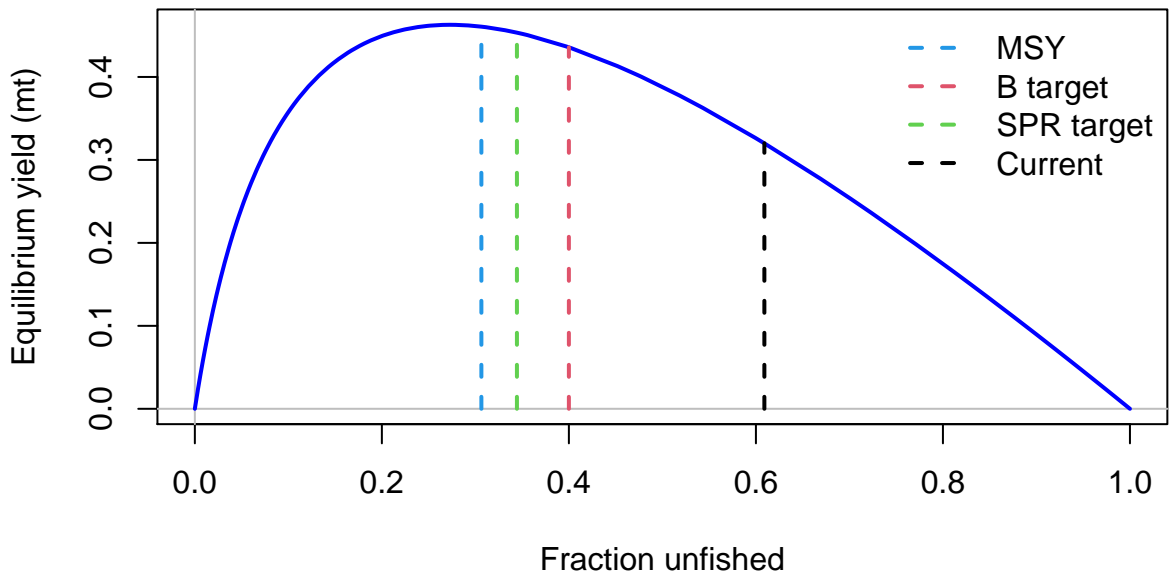


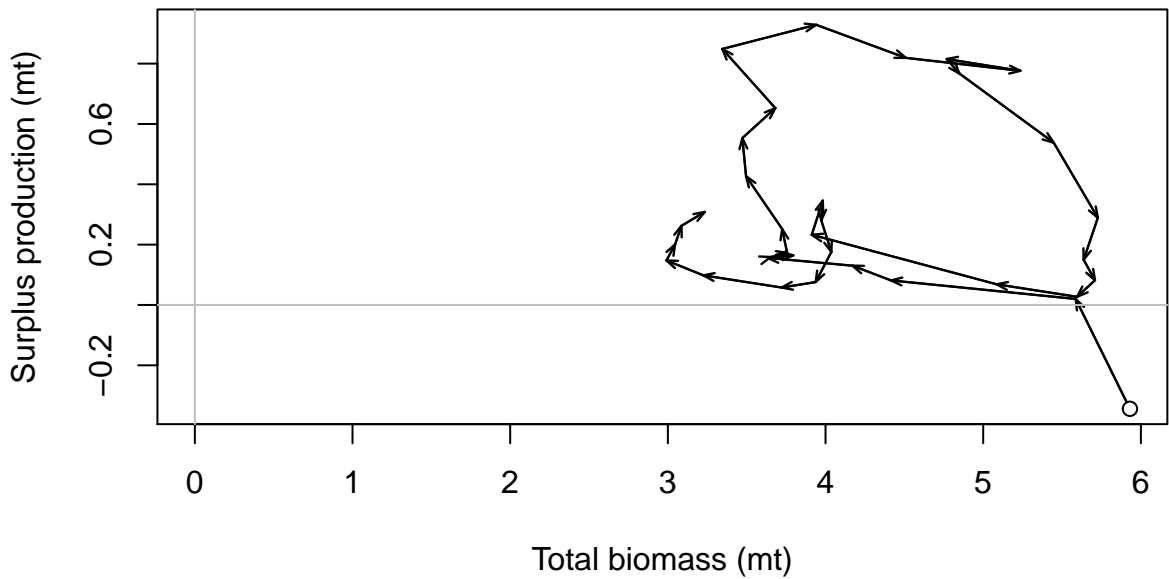
Observed sample size

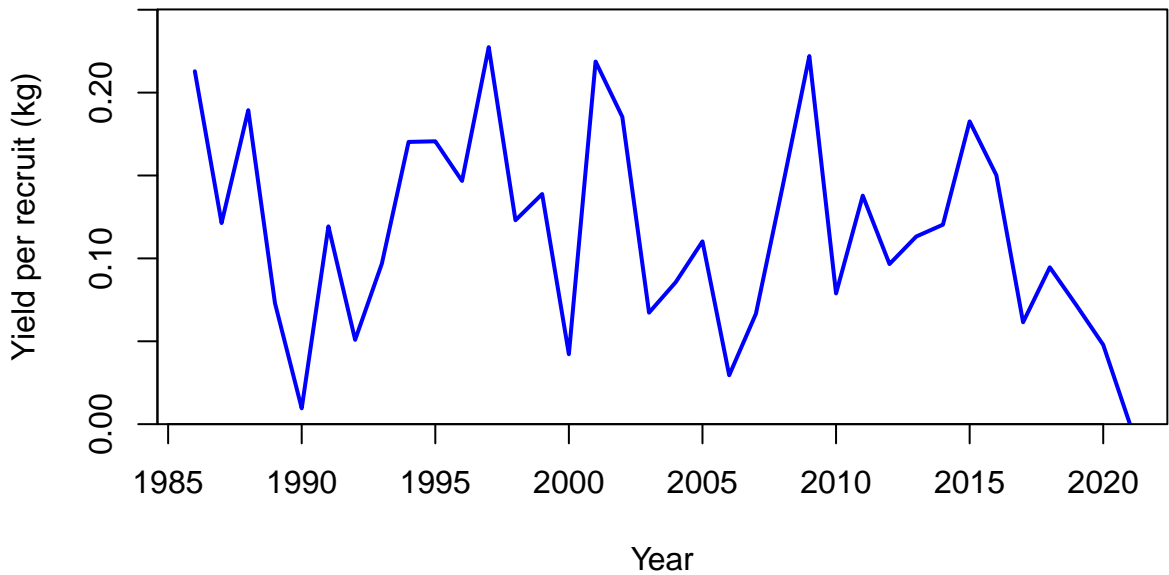
FISHERY (whole catch)

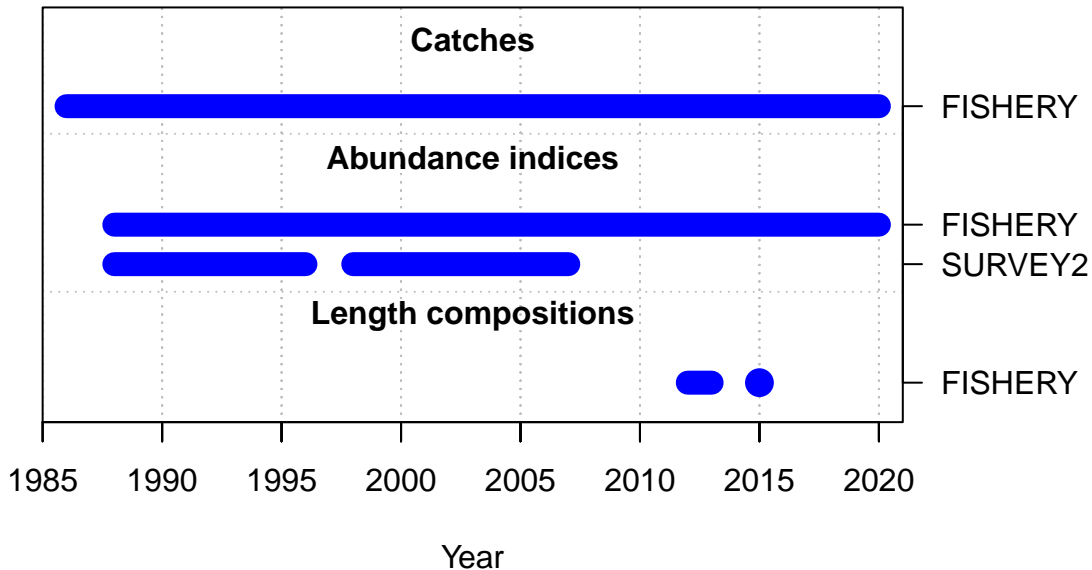


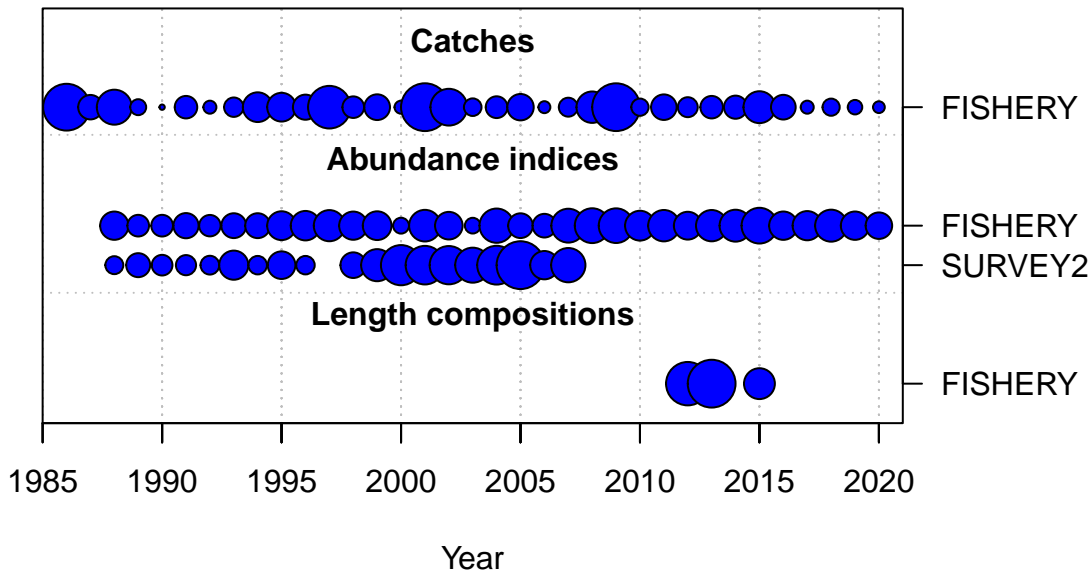




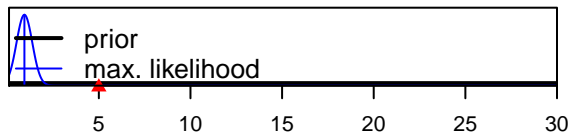




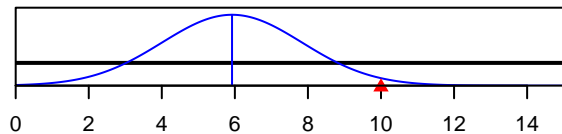




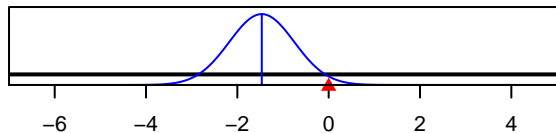
SR_LN(R0)



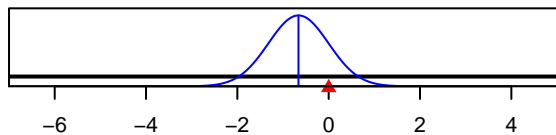
Size_95%width_FISHERY(1)



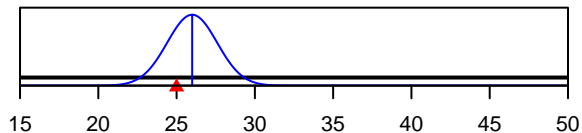
LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)



Size_inflection_FISHERY(1)



Parameter value