

Plots created using the 'r4ss' package in R

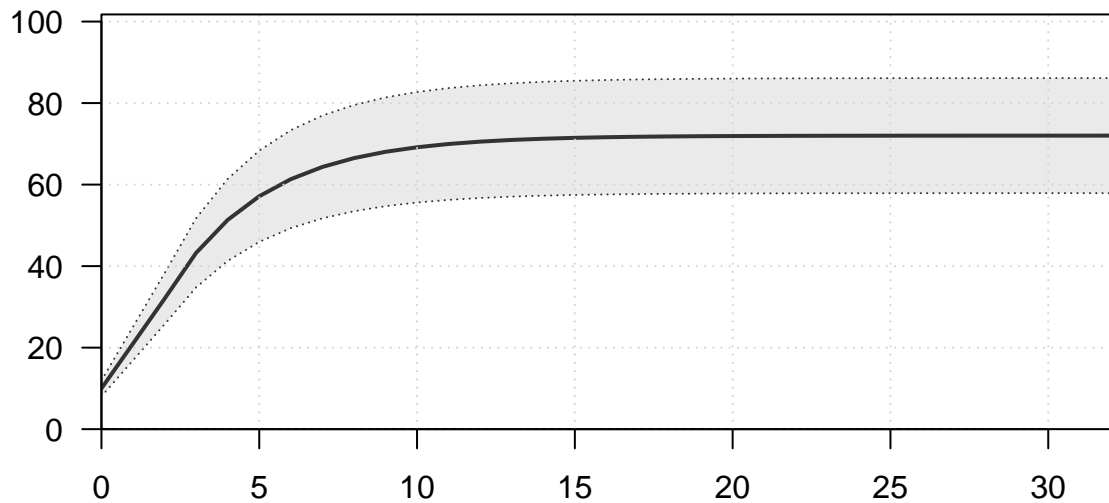
Stock Synthesis version: 3.30.19.0

StartTime: Fri Jun 10 11:30:14 2022

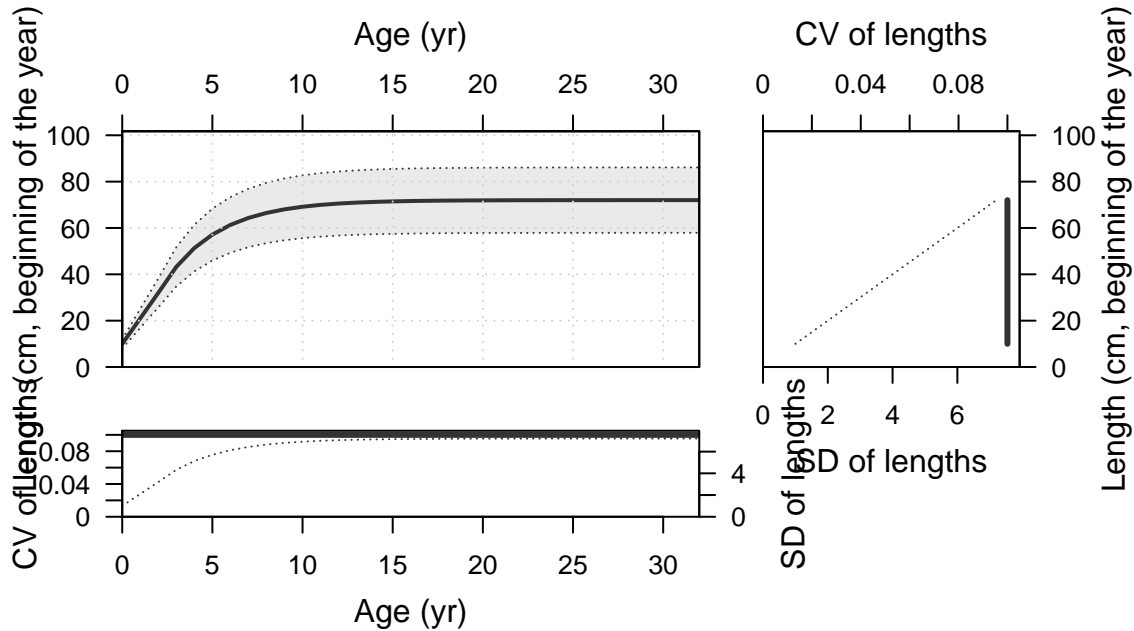
Data\_File: data.ss

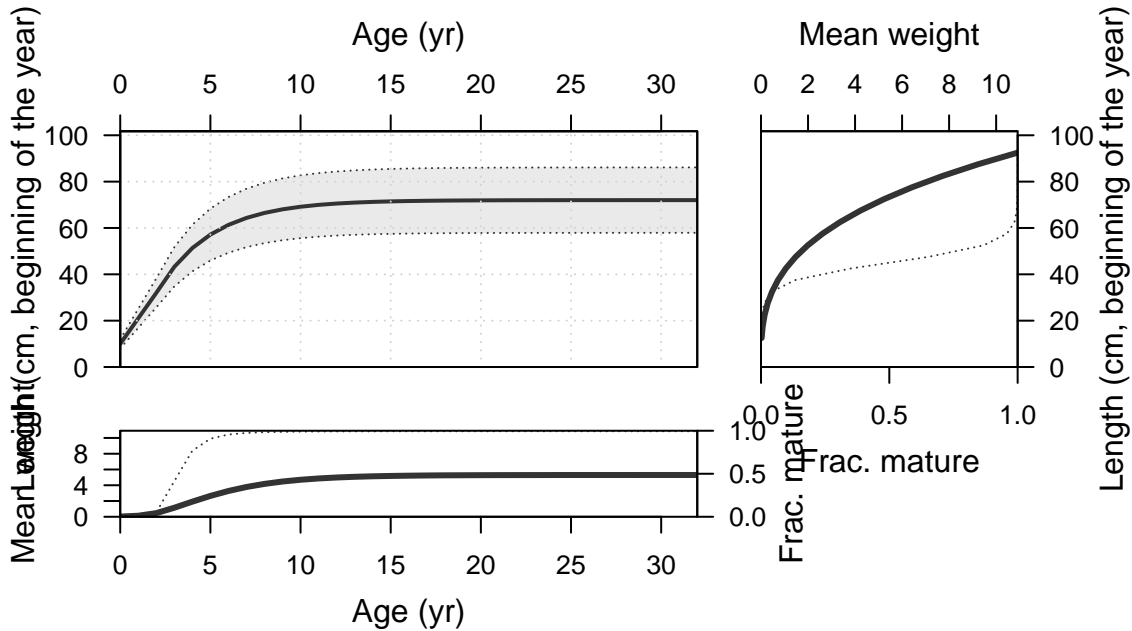
Control\_File: control.ss

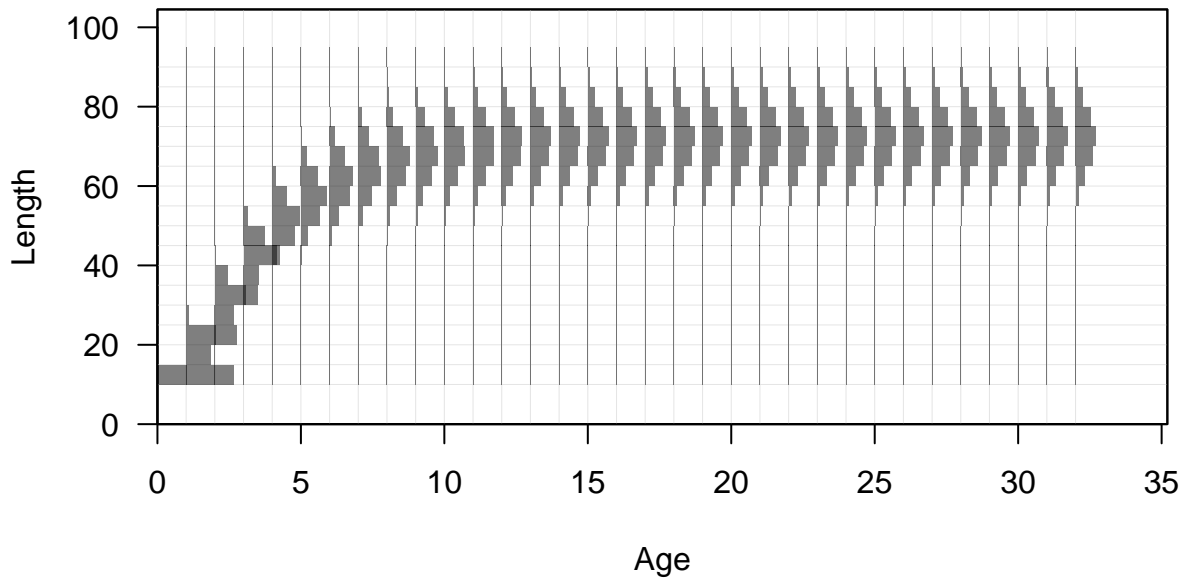
Length (cm, beginning of the year)

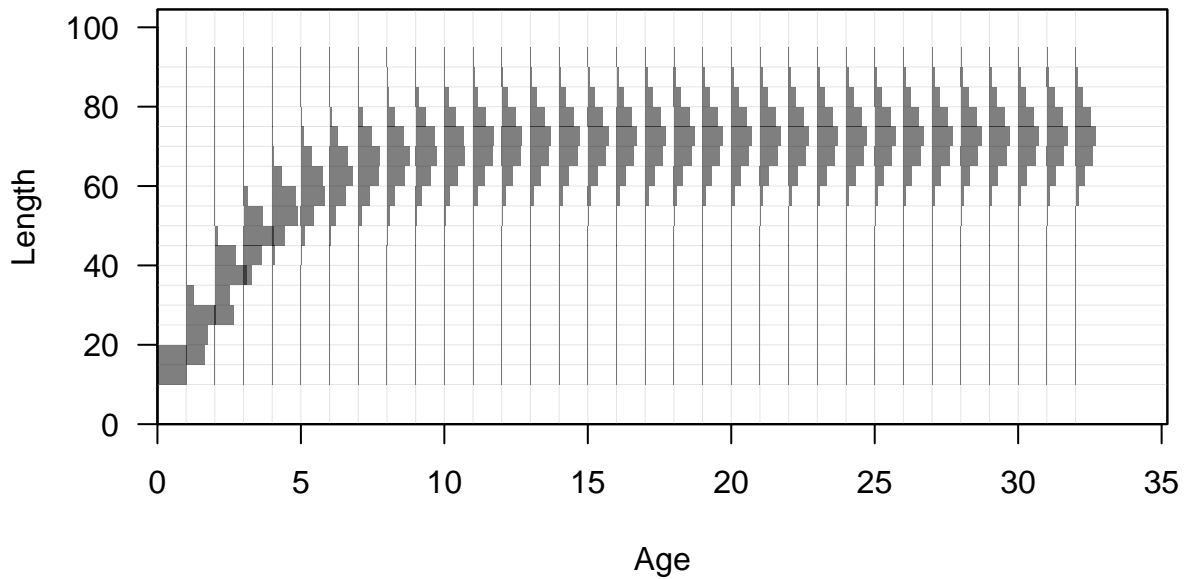


Age (yr)

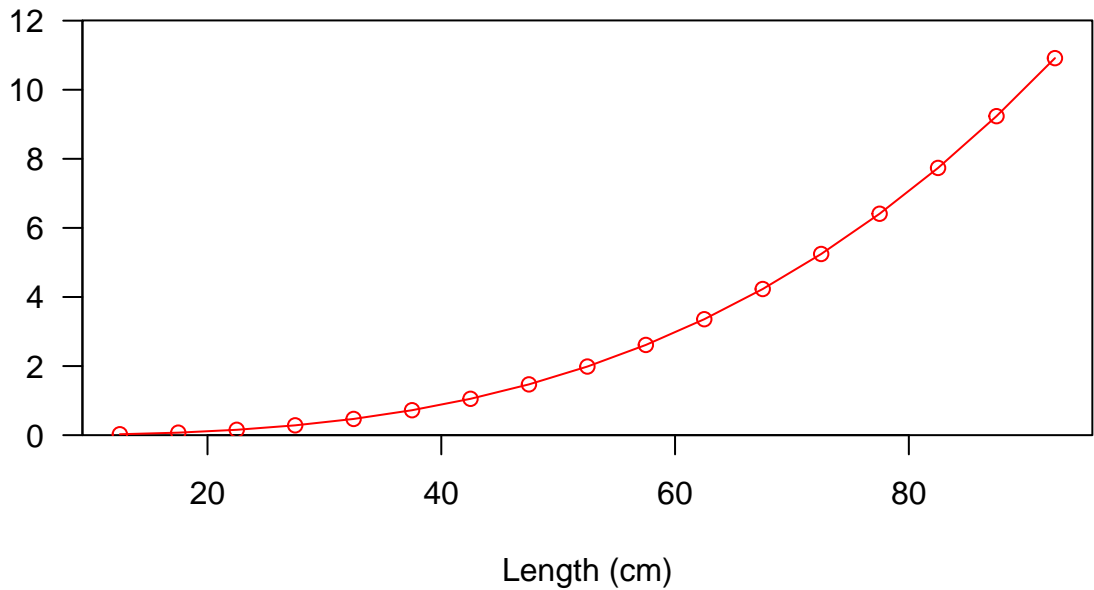


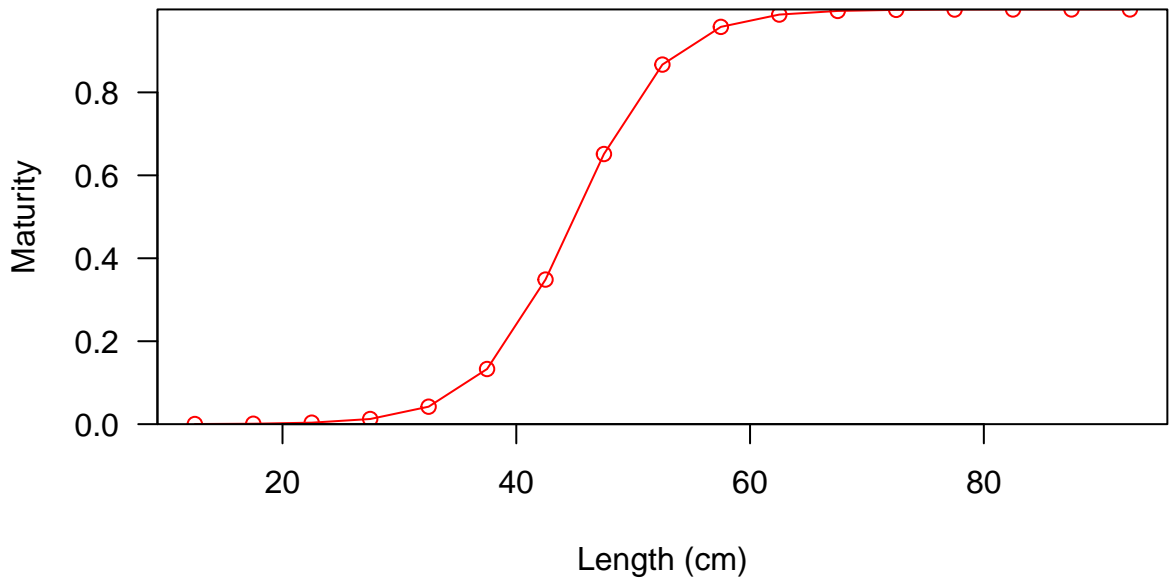




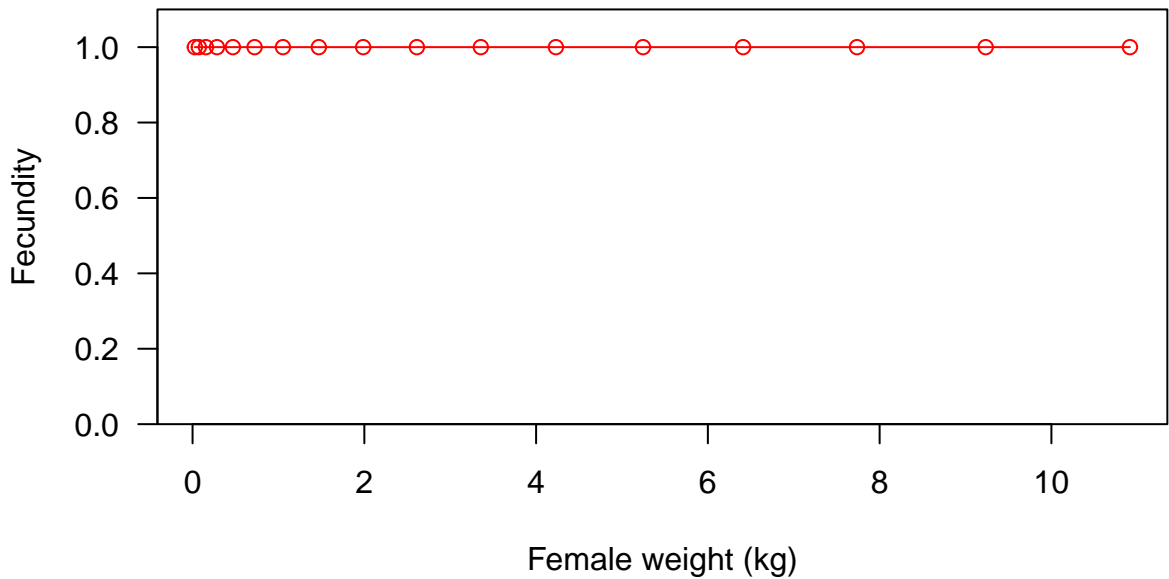


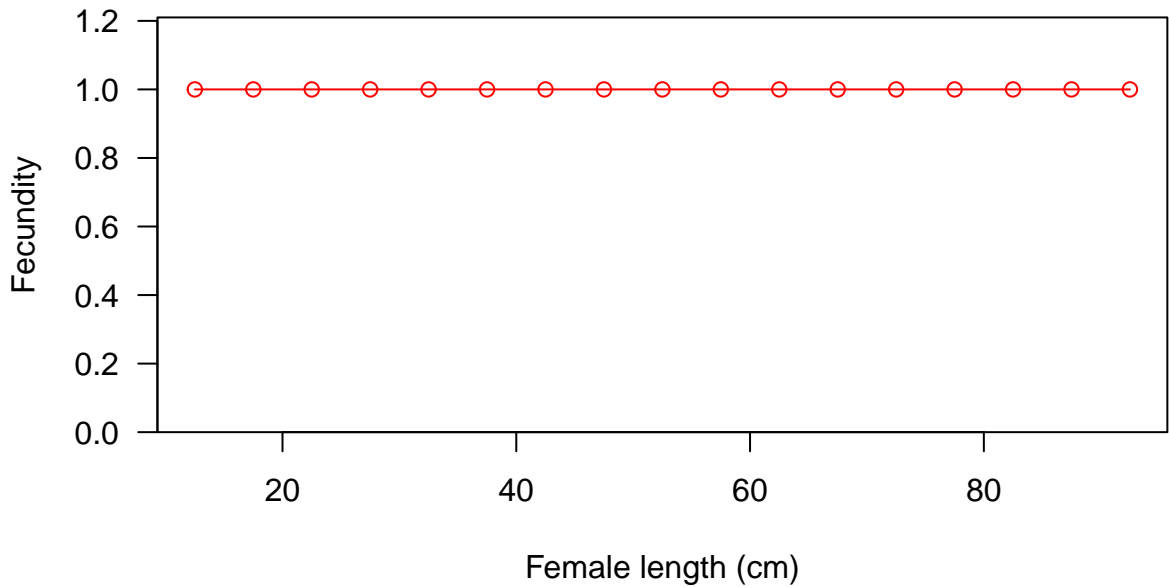
Mean weight (kg) in last year



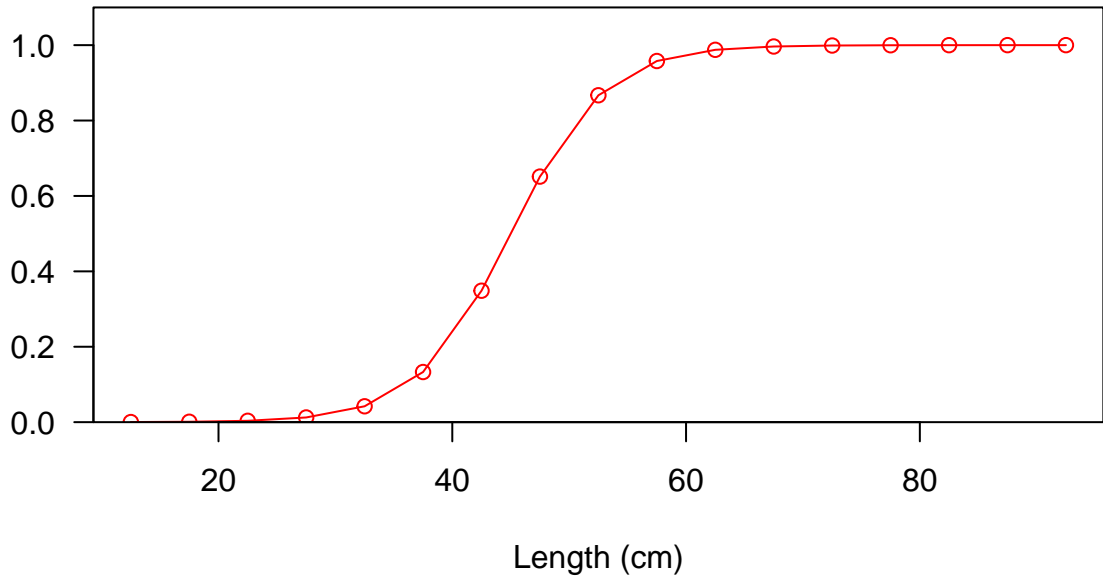


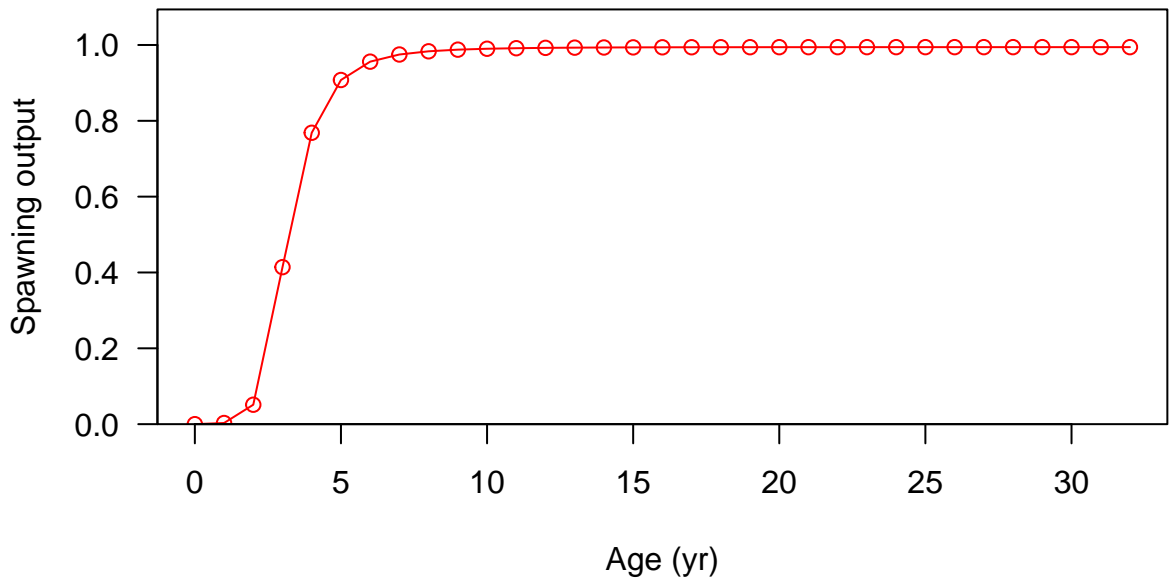




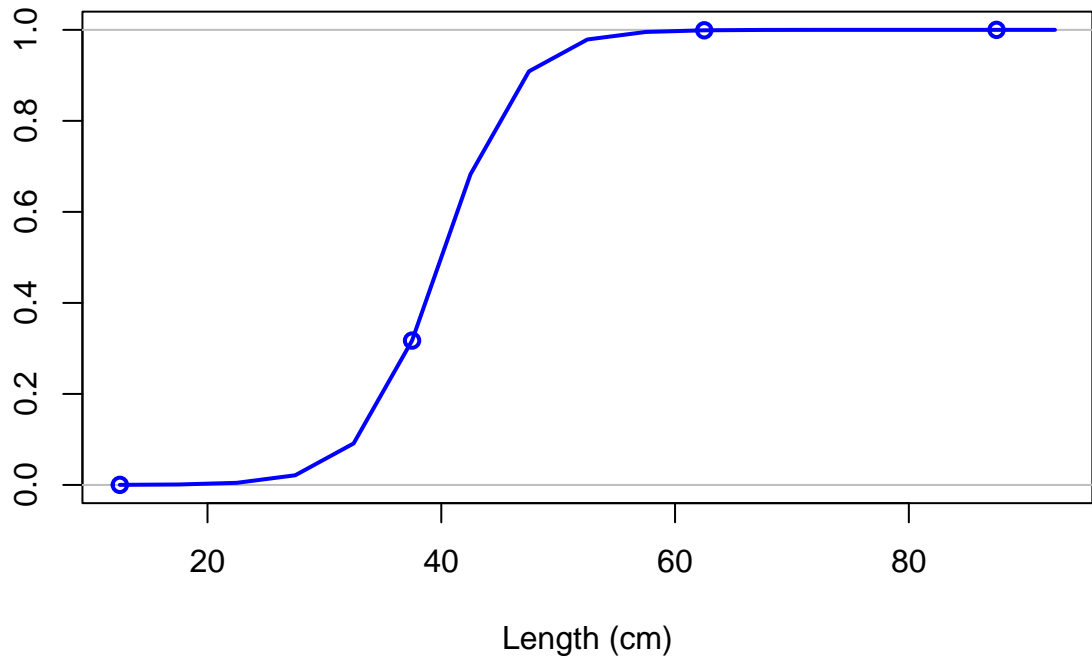


Spawning output

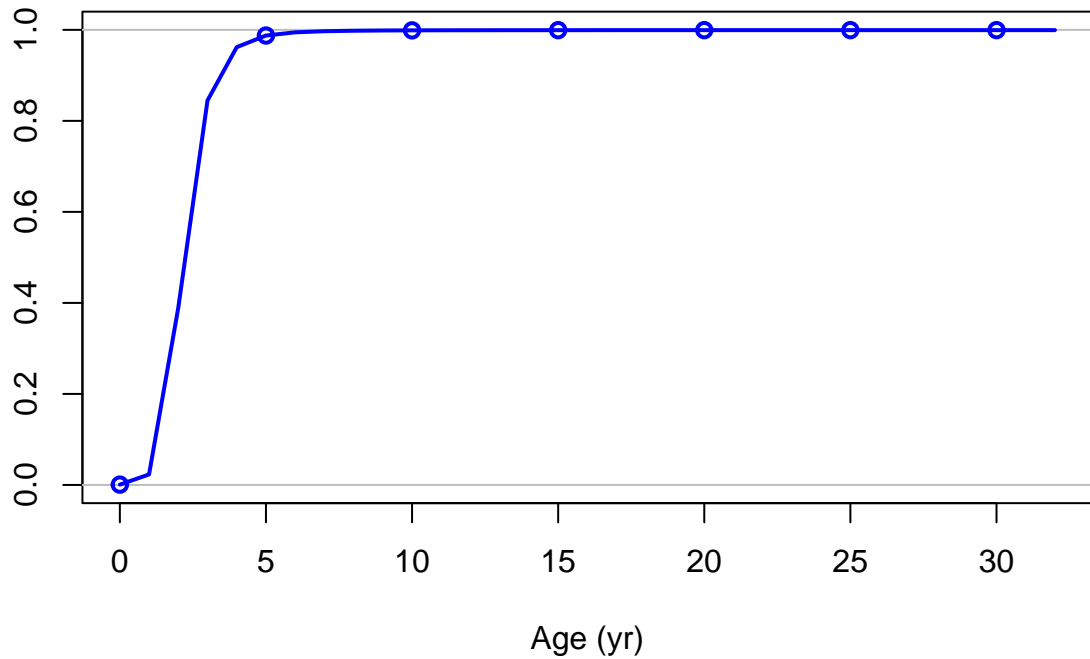




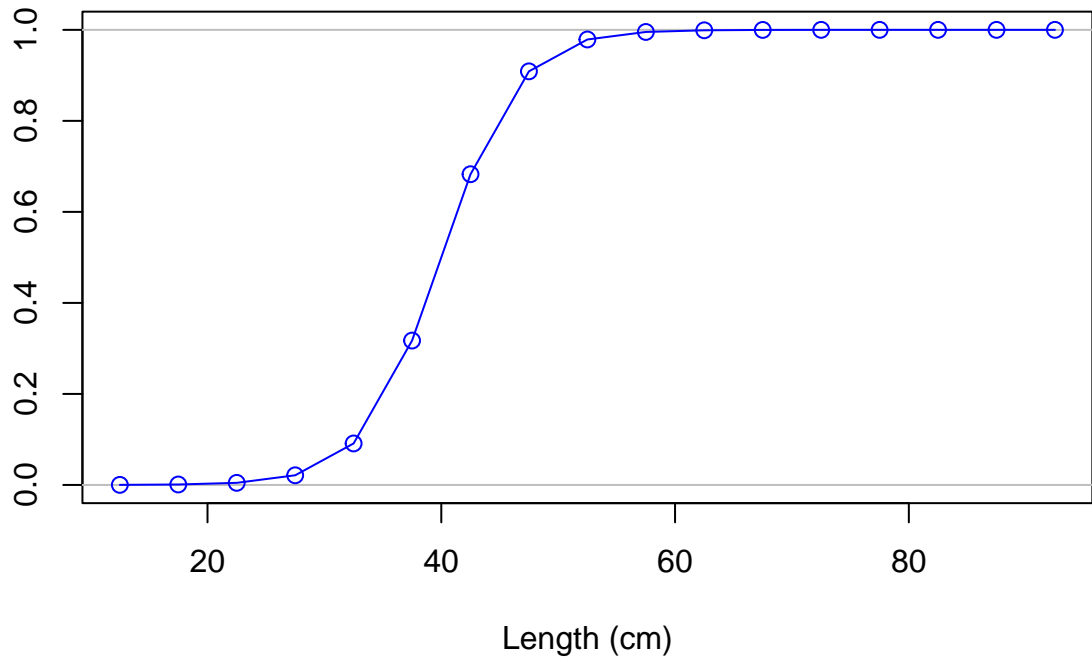
Selectivity

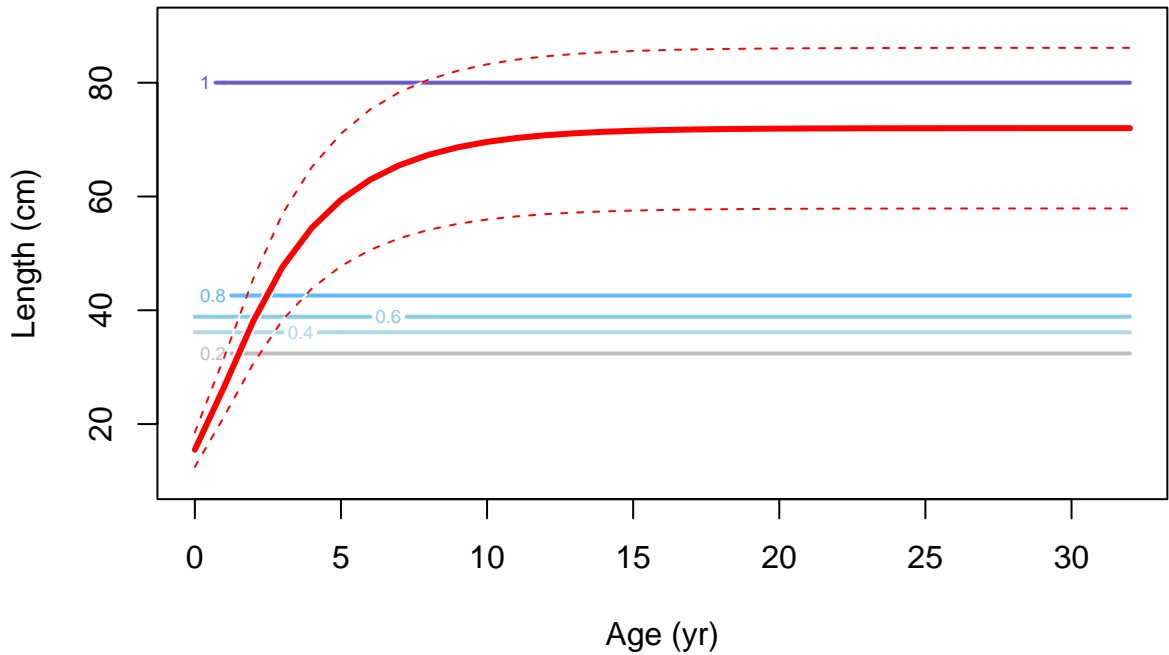


Selectivity



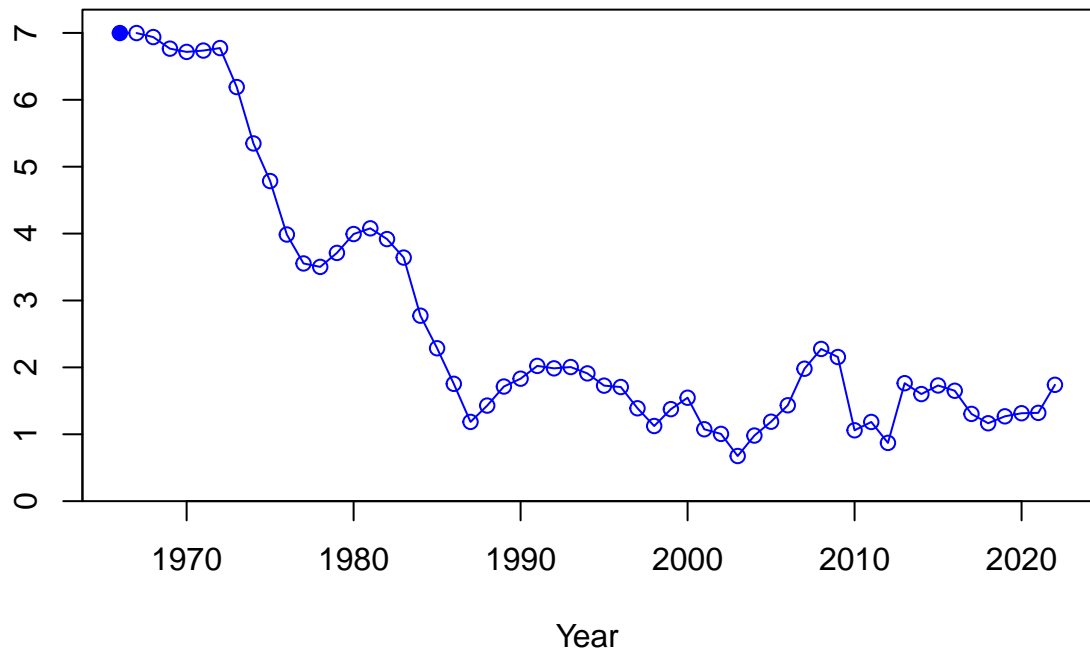
Selectivity



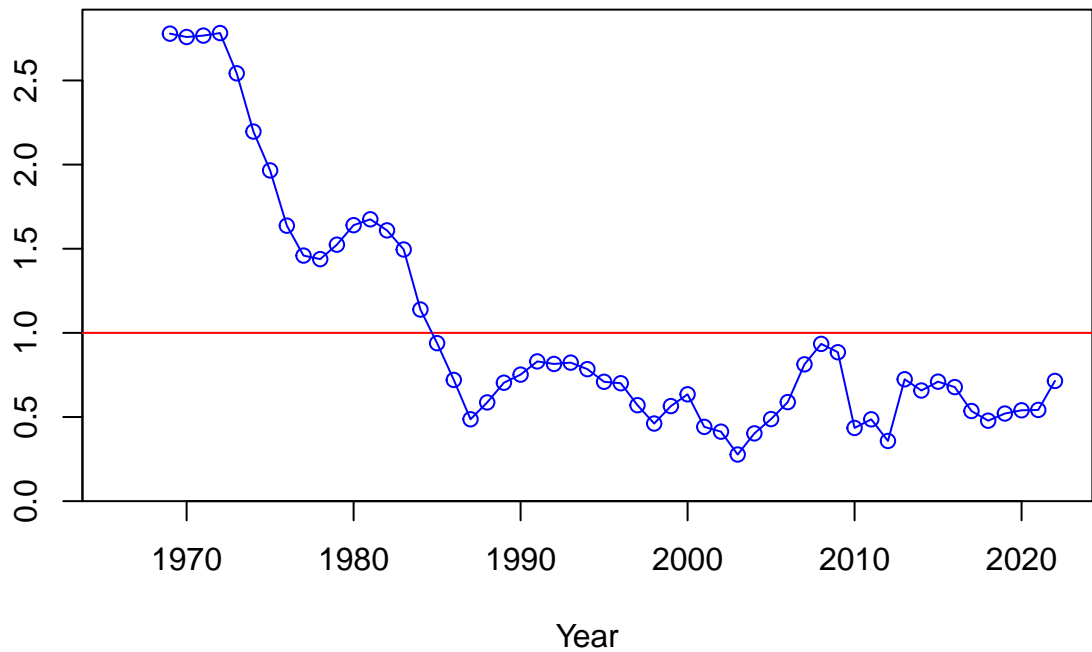


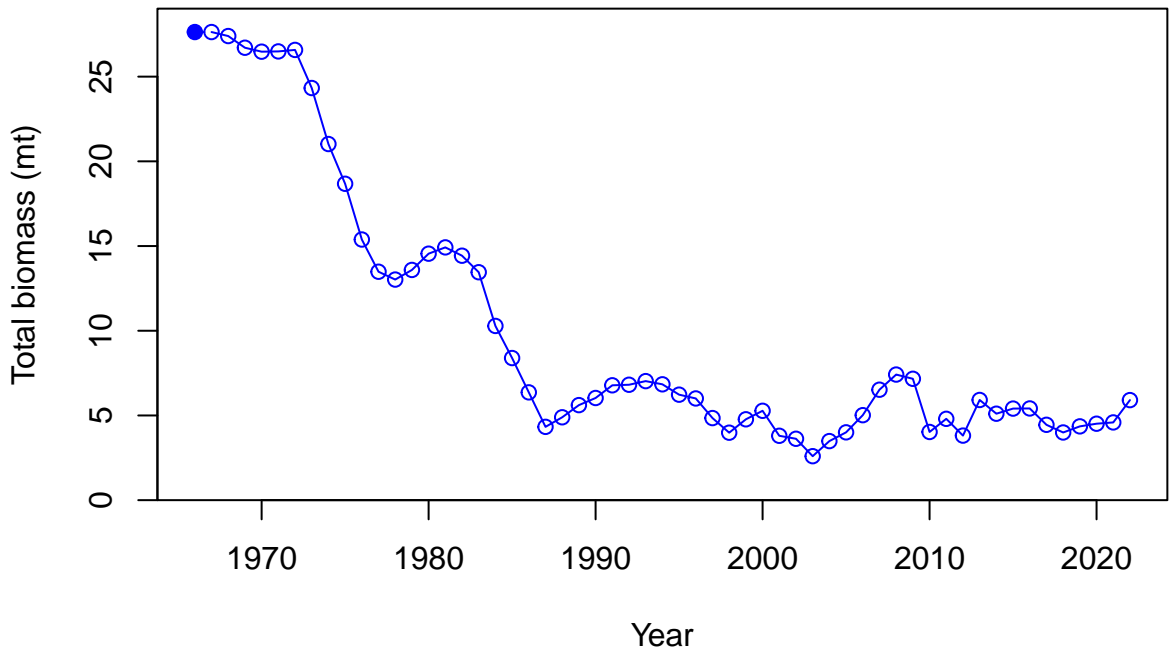


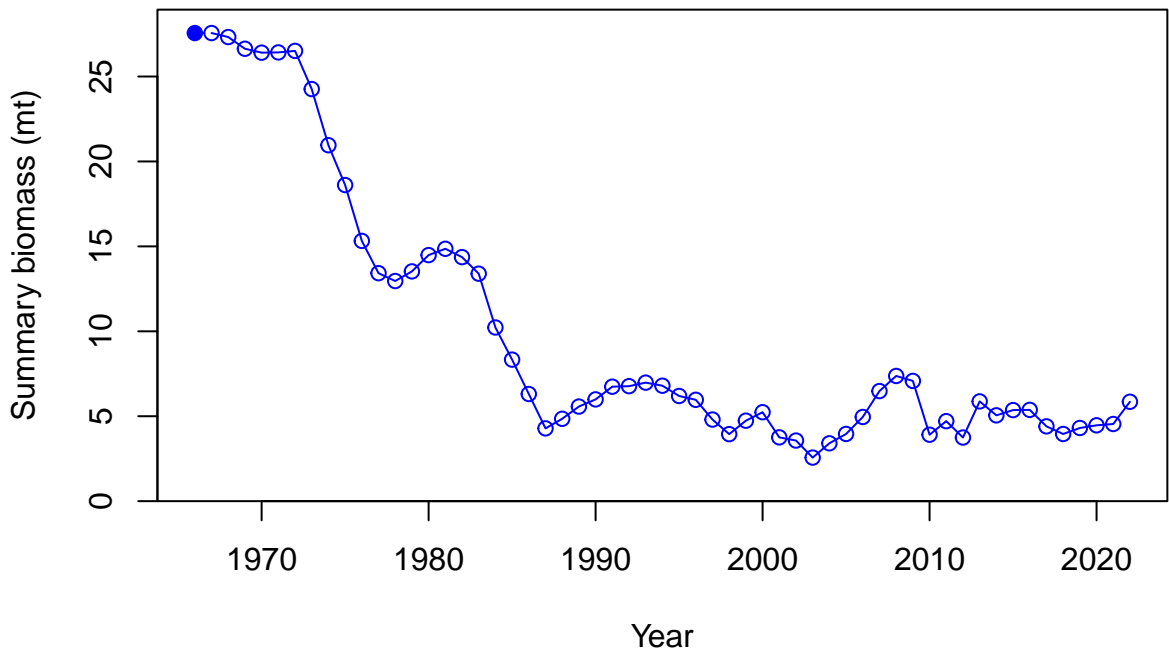
Spawning output



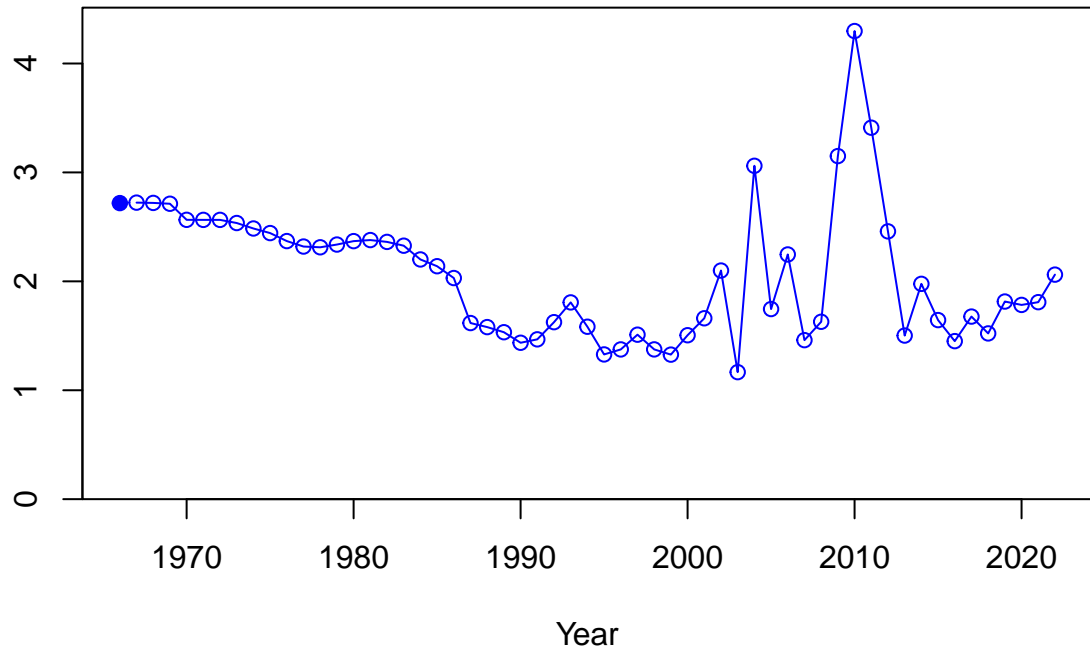
Relative spawning output: B/B\_MSY



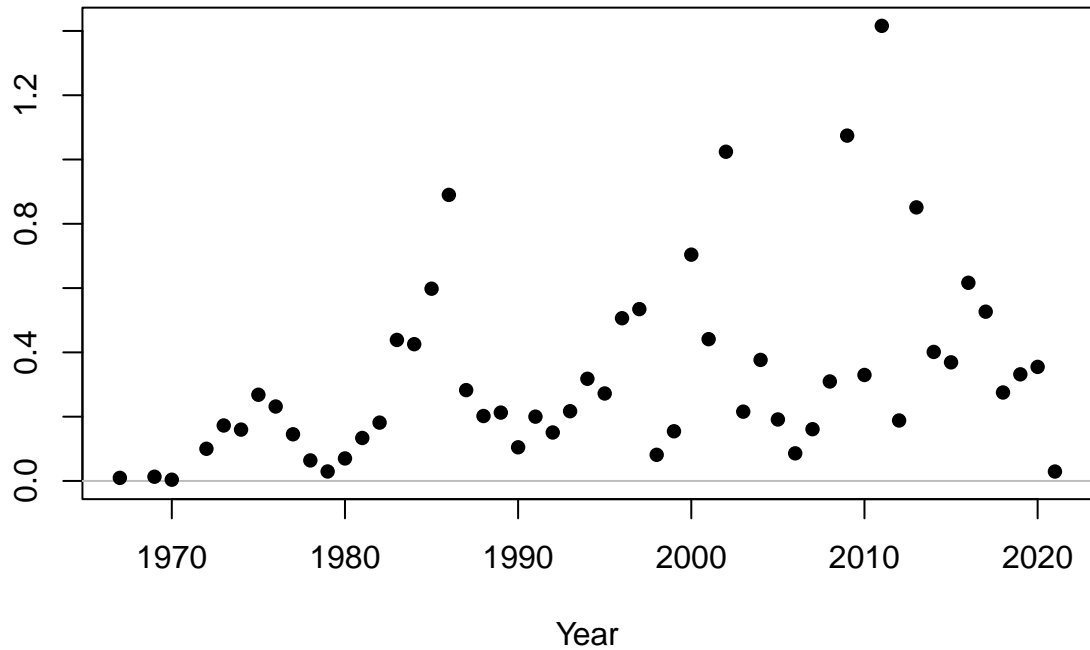




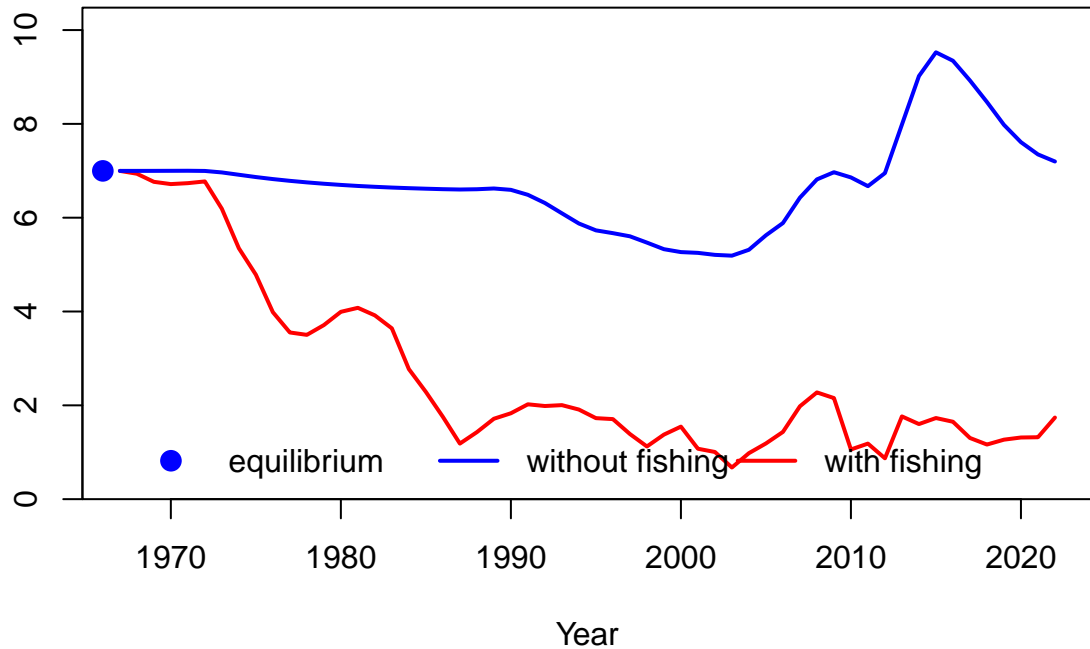
Age-0 recruits (1,000s)



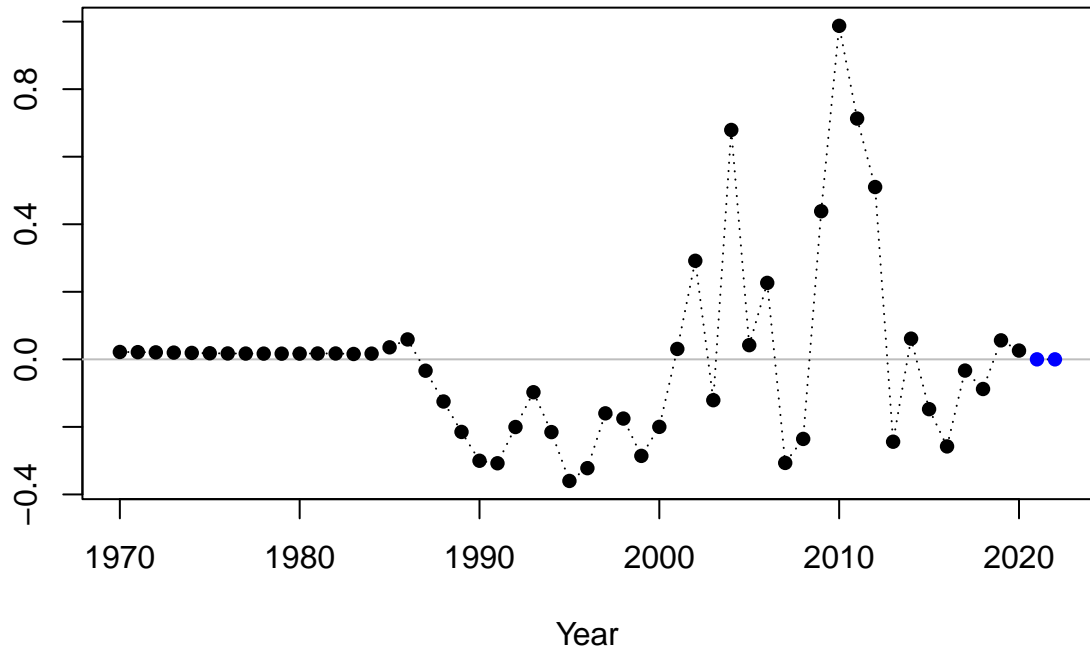
Summary Fishing Mortality



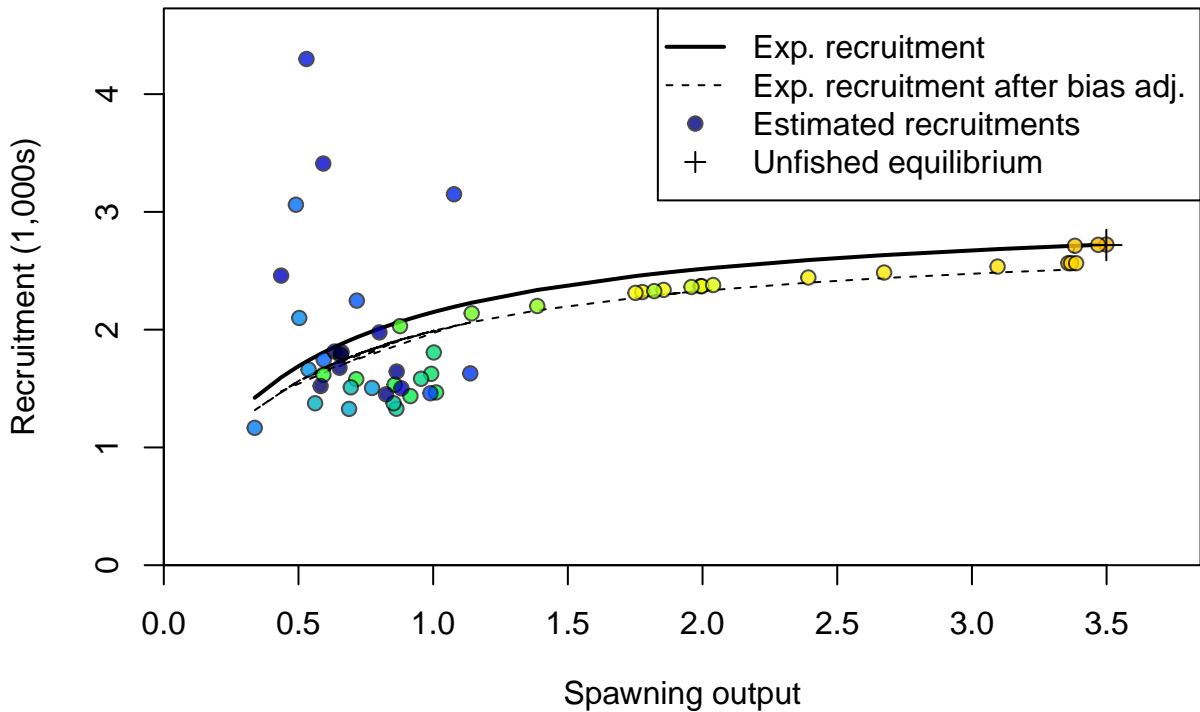
Spawning output

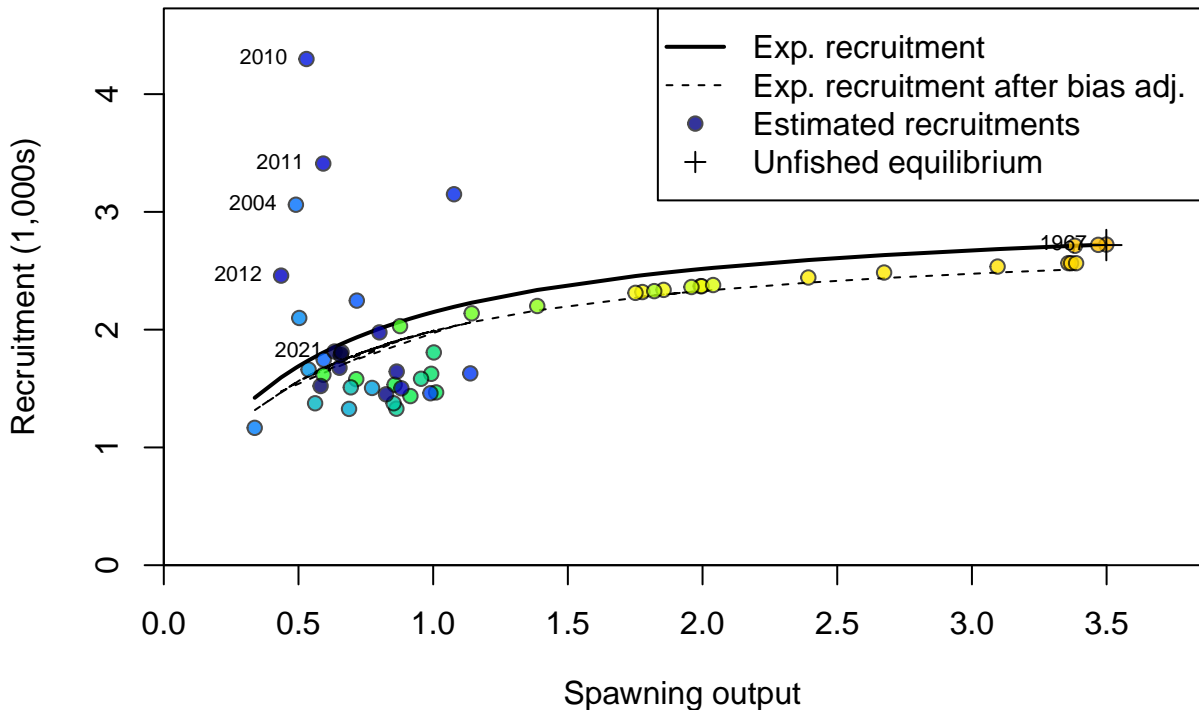


Log recruitment deviation

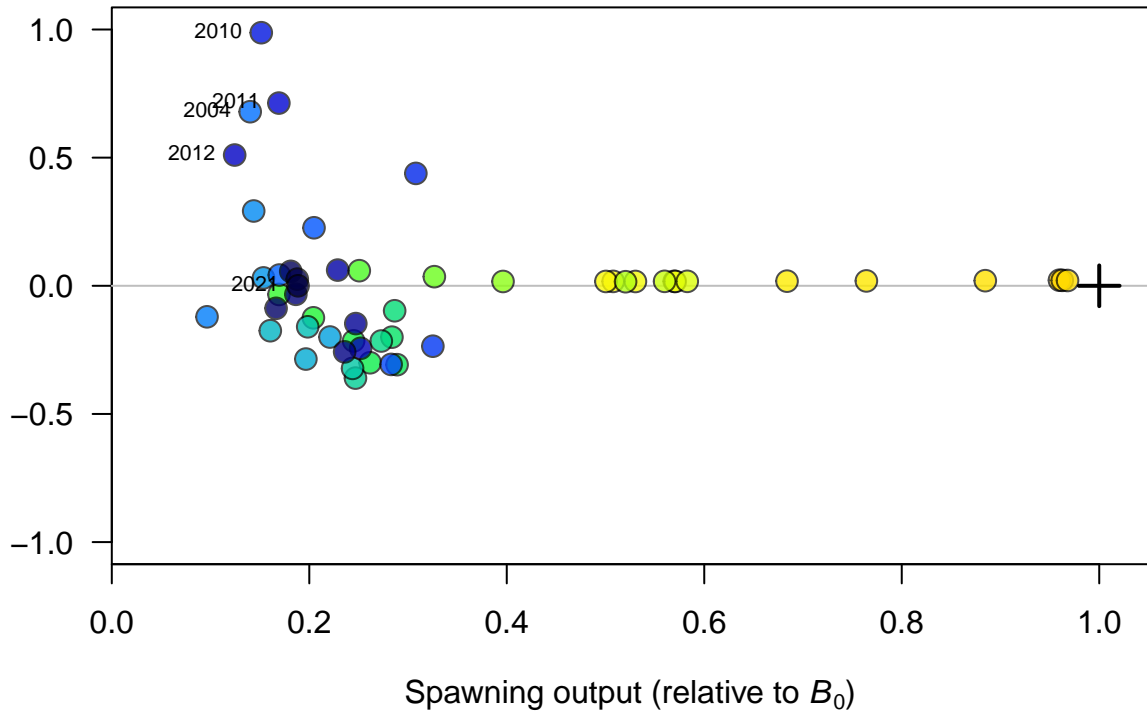


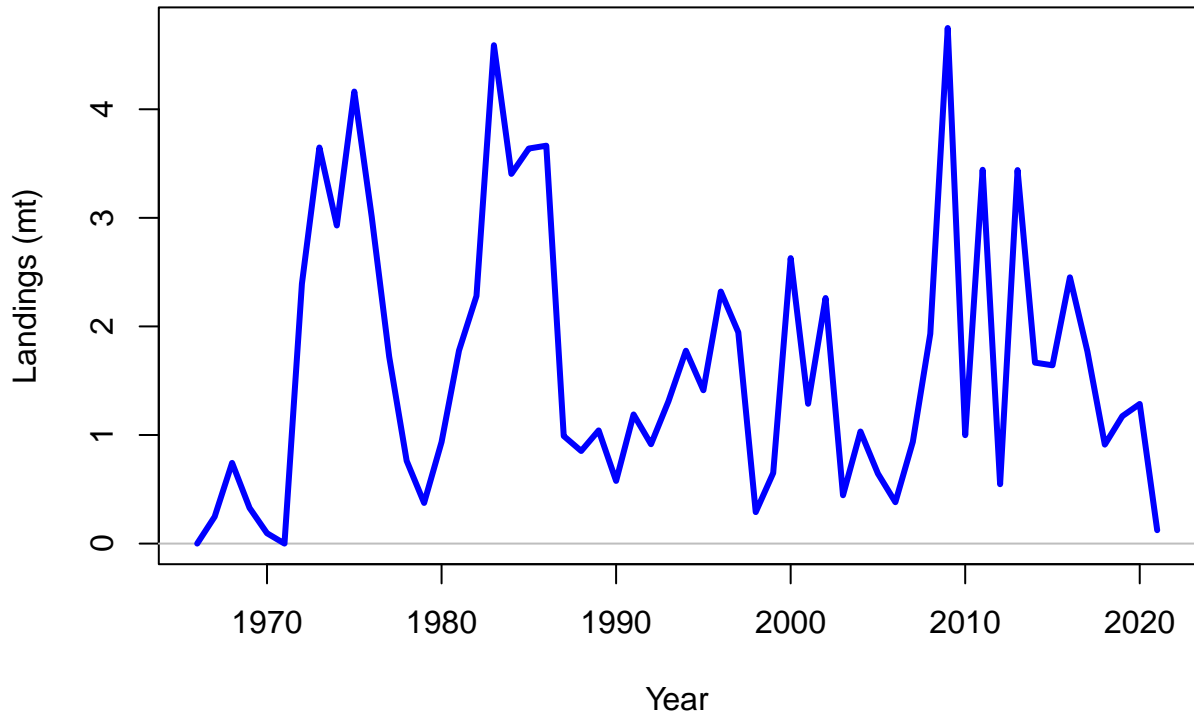


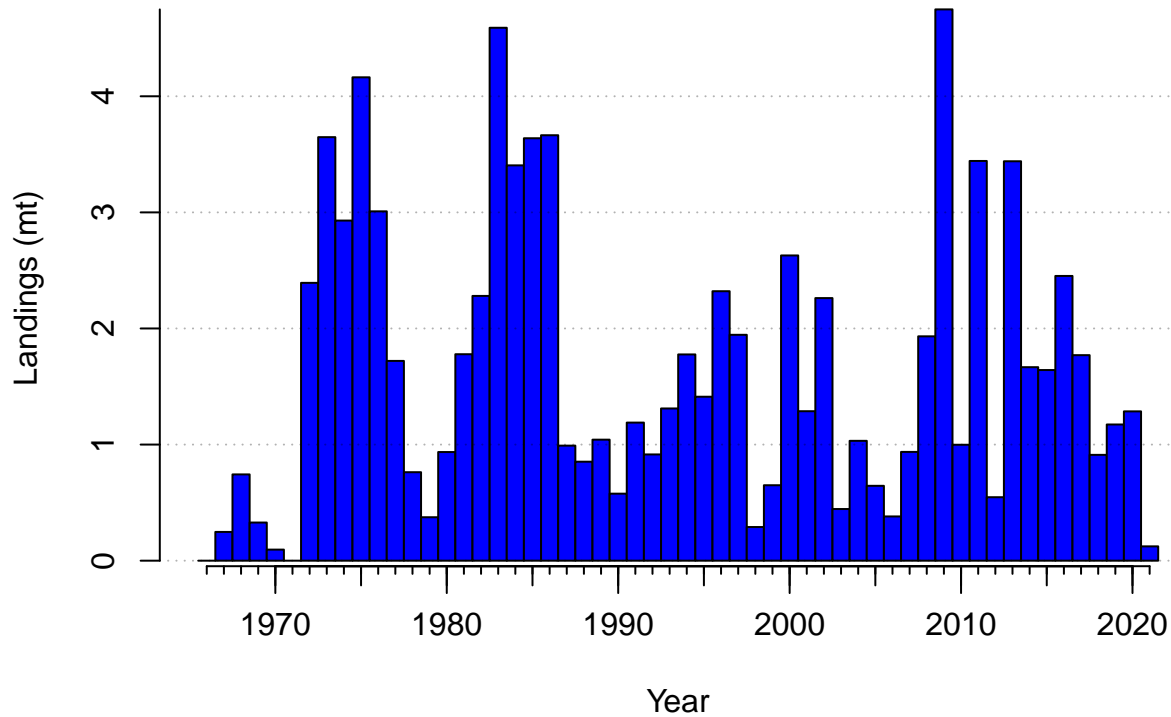




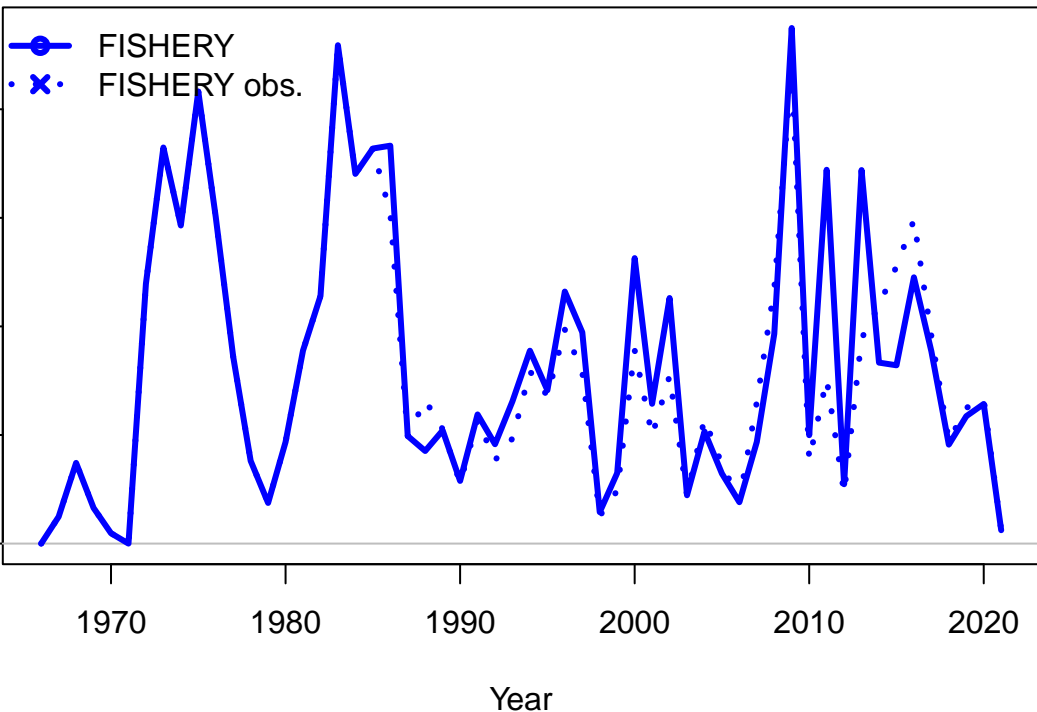
Log recruitment deviation

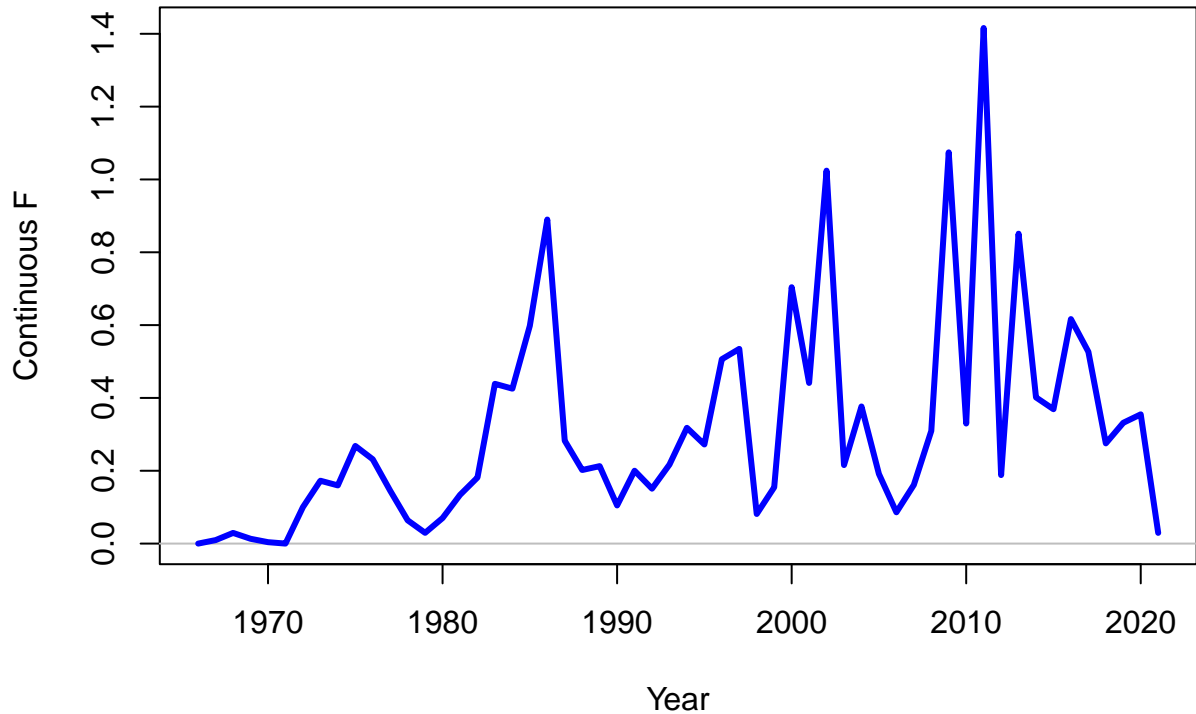




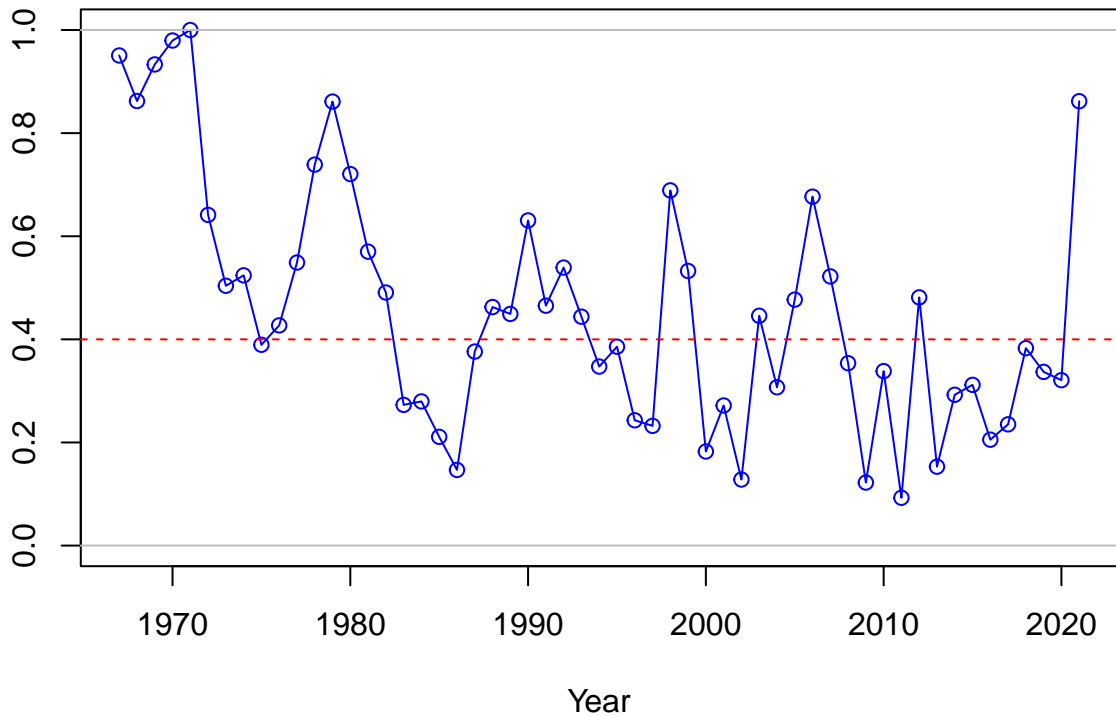


Observed and expected Landings (mt)



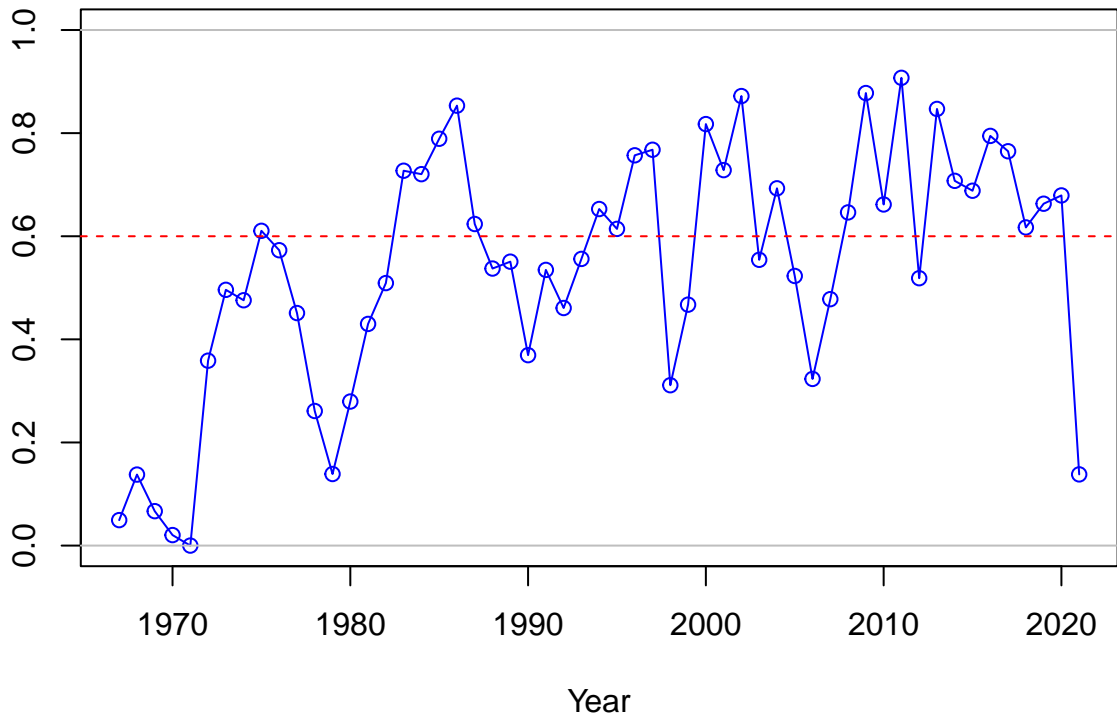


SPR

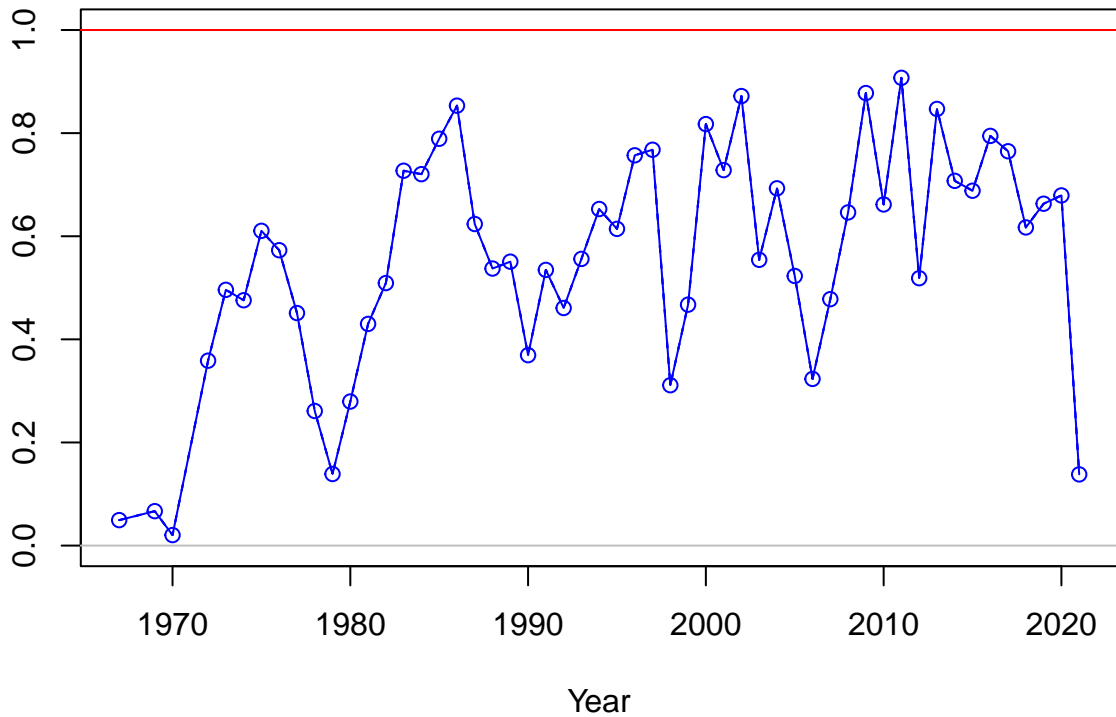




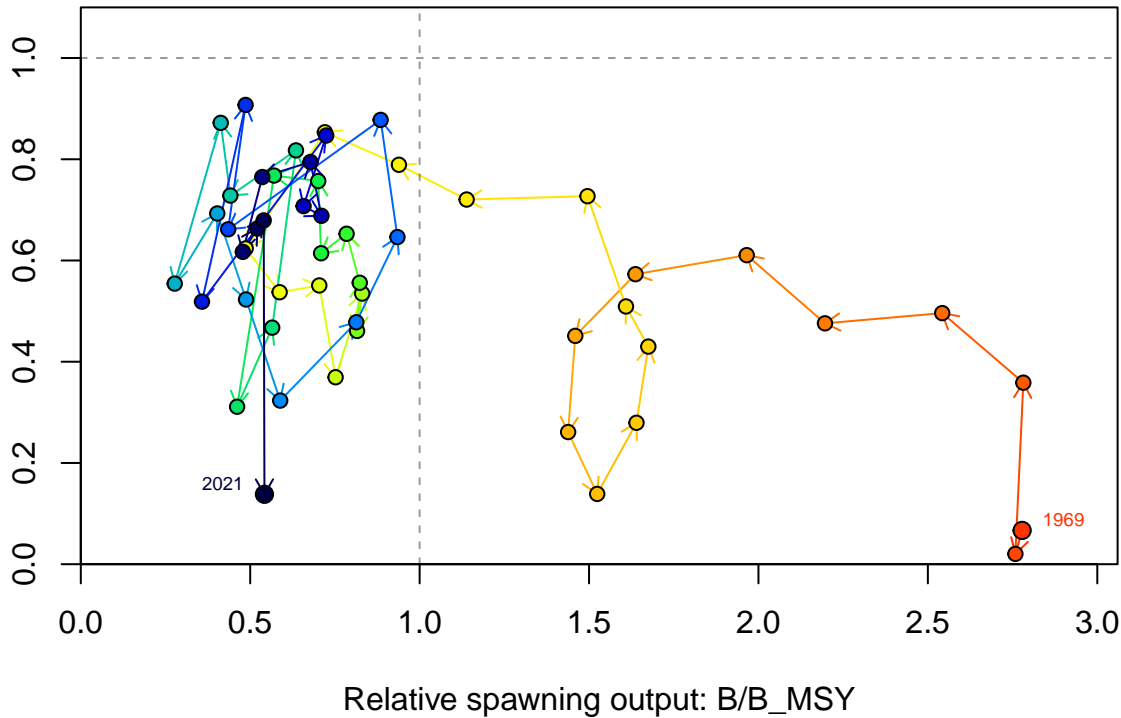
1-SPR



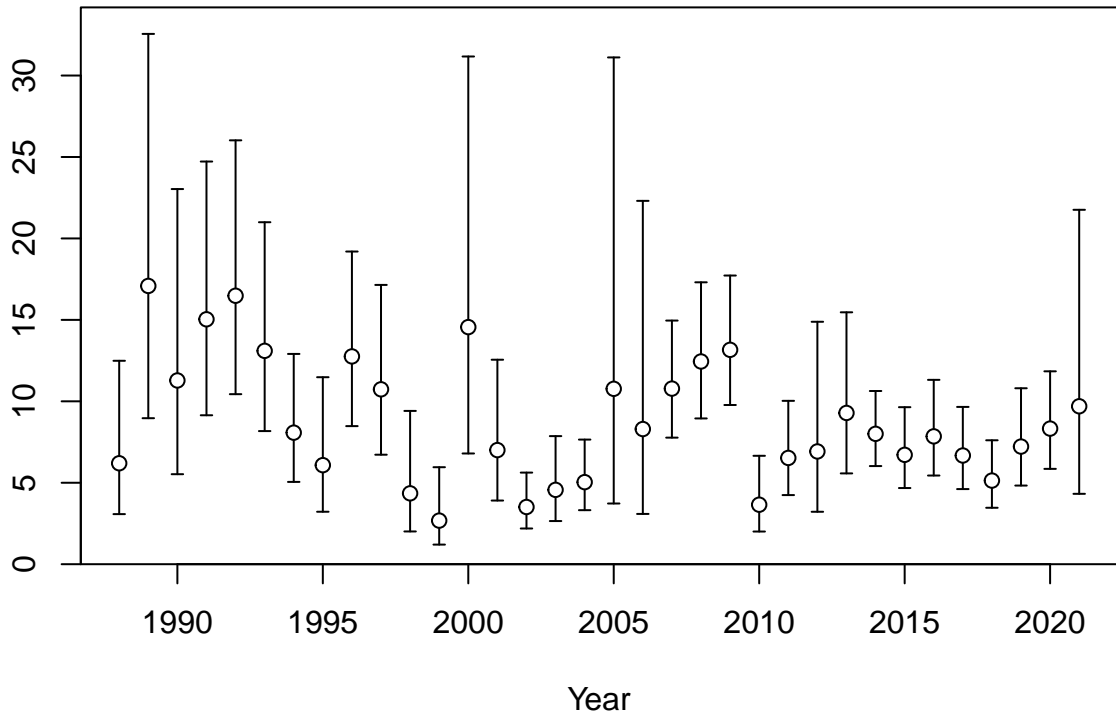
Fishing intensity: 1-SPR



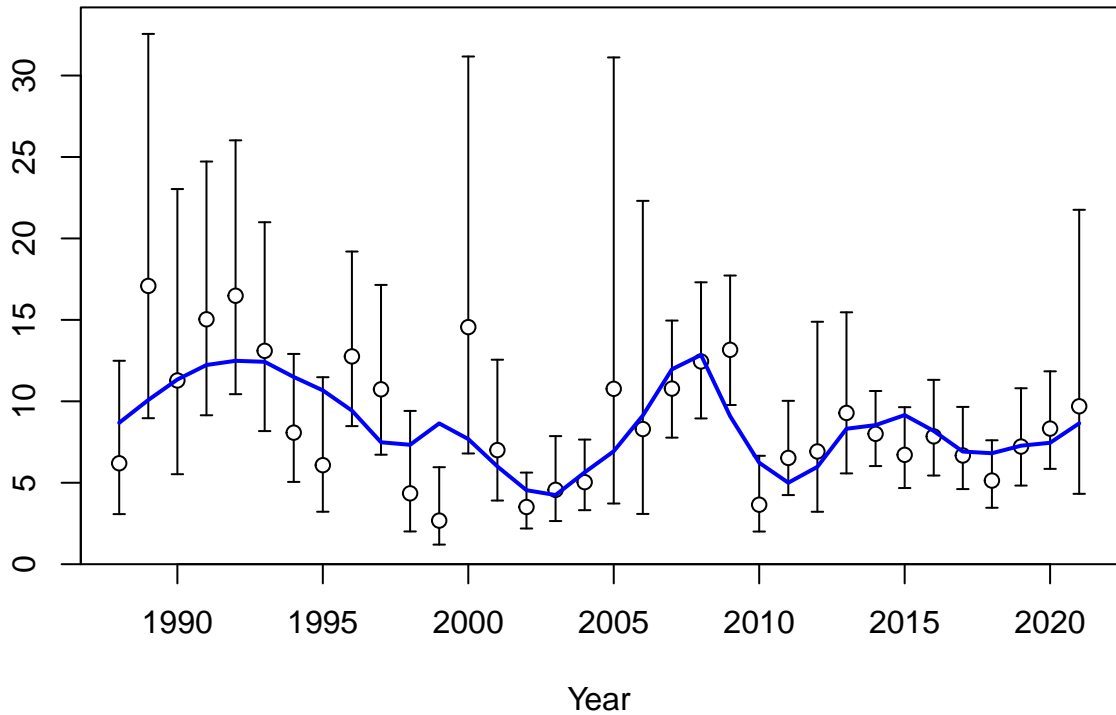
Fishing intensity: 1-SPR

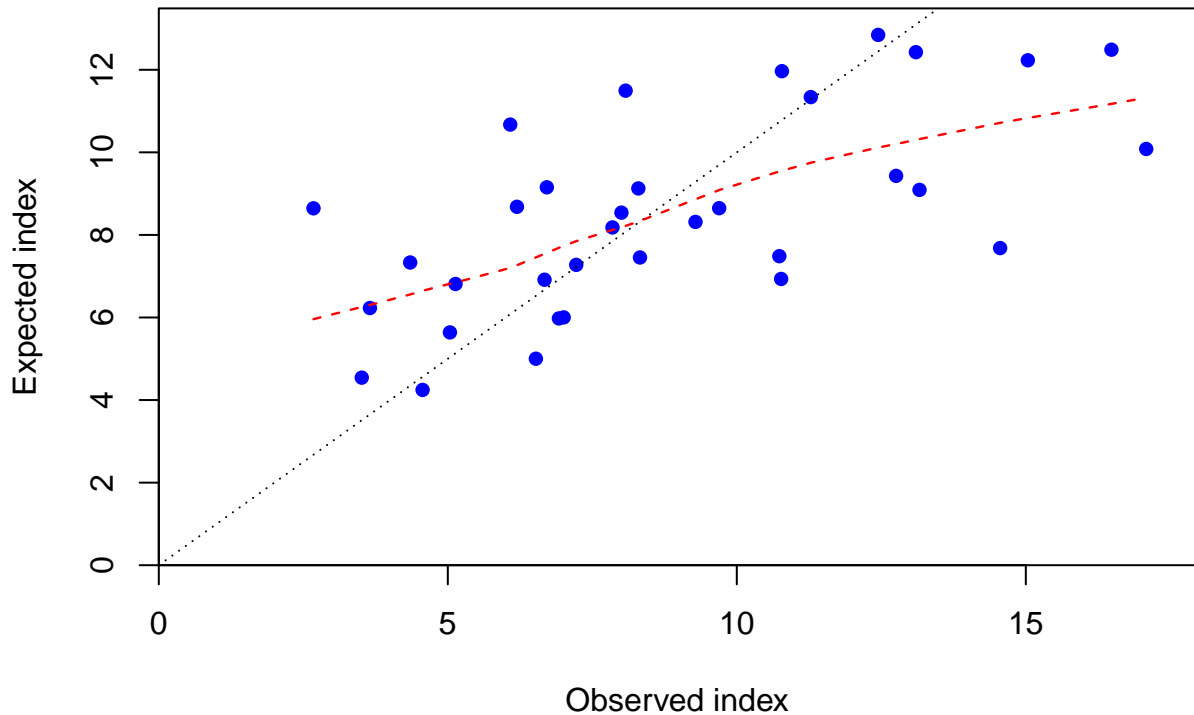


Index

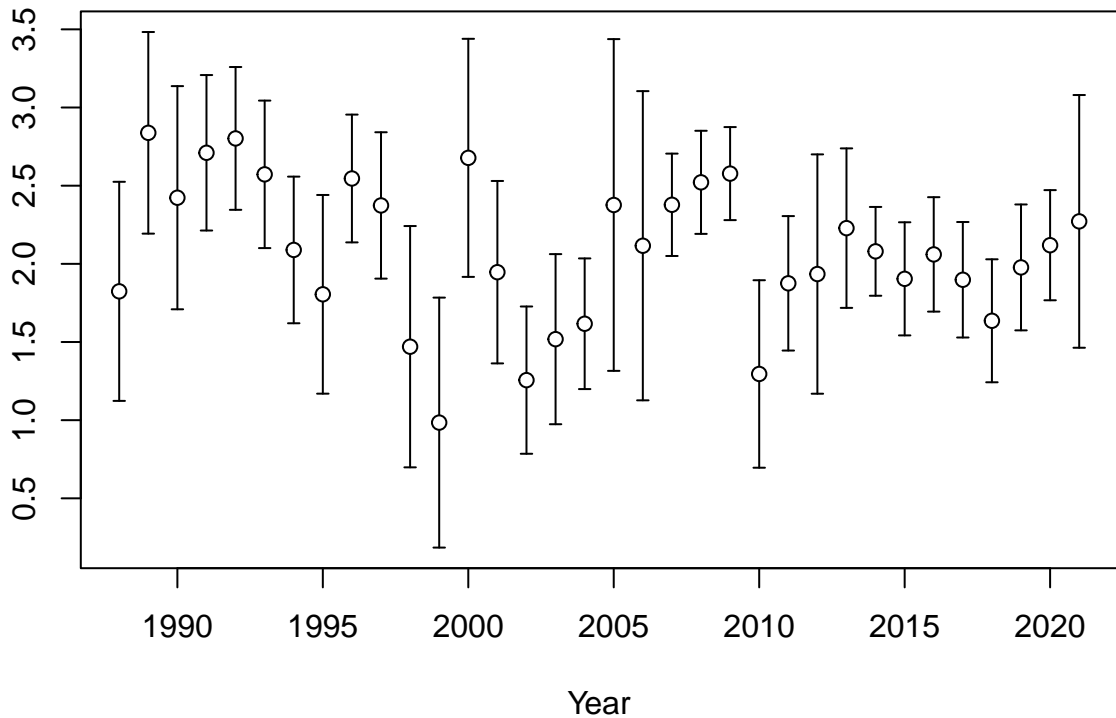


Index

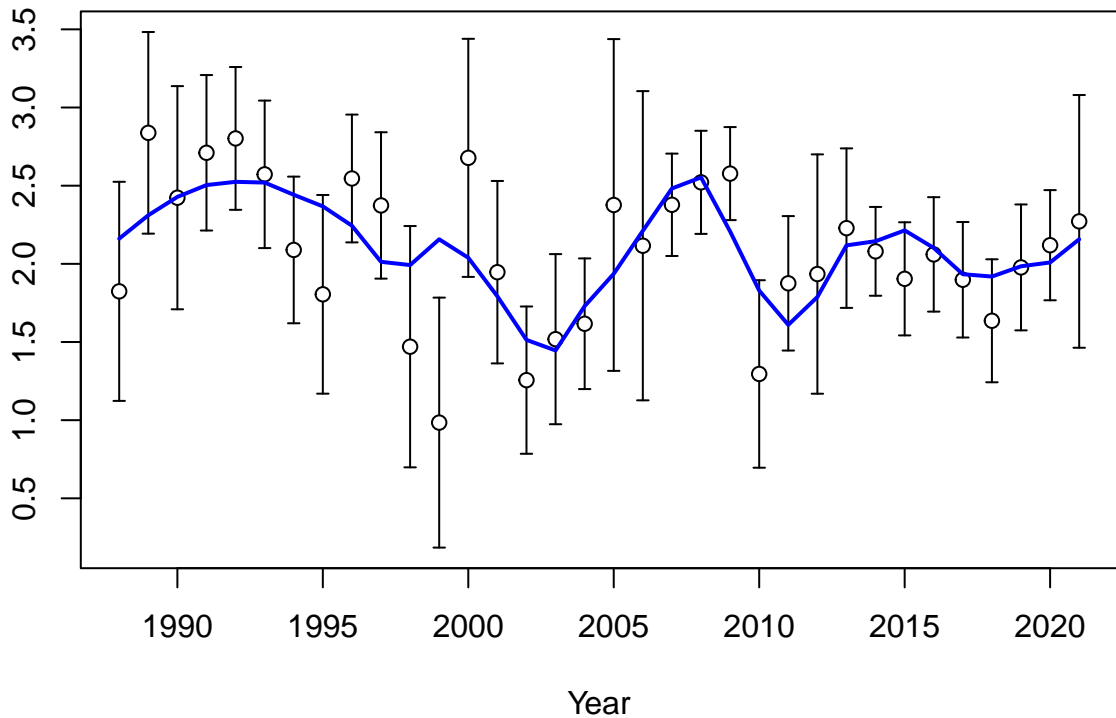




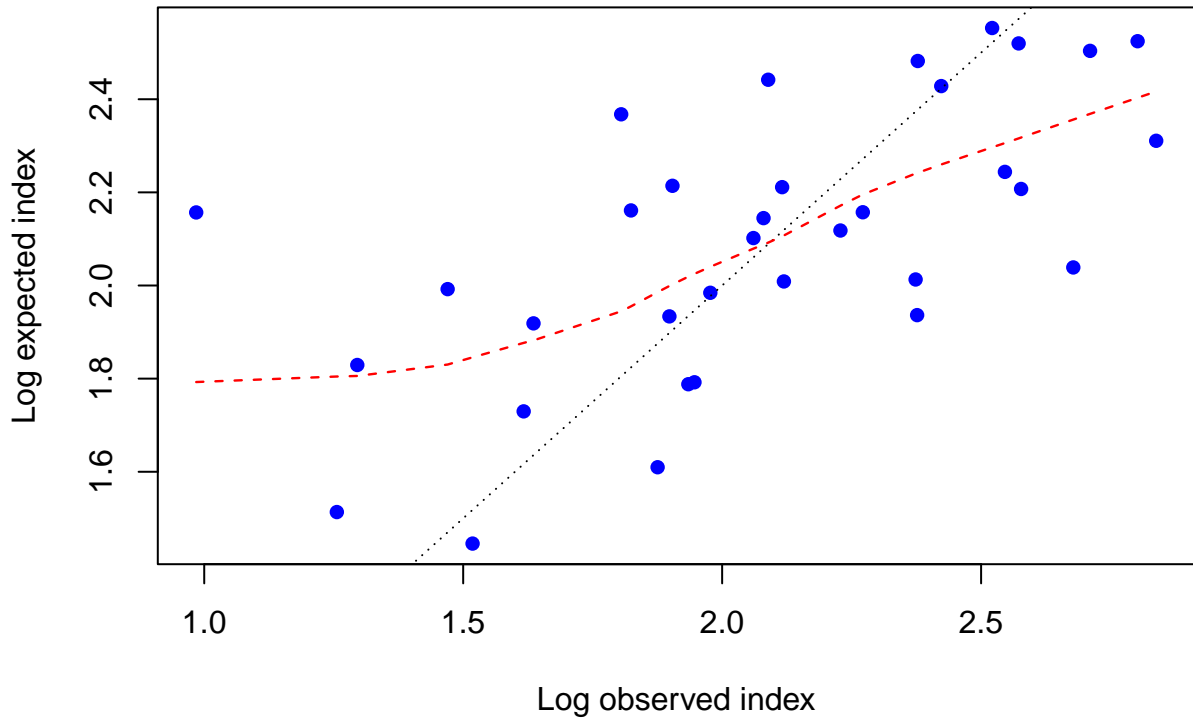
Log index



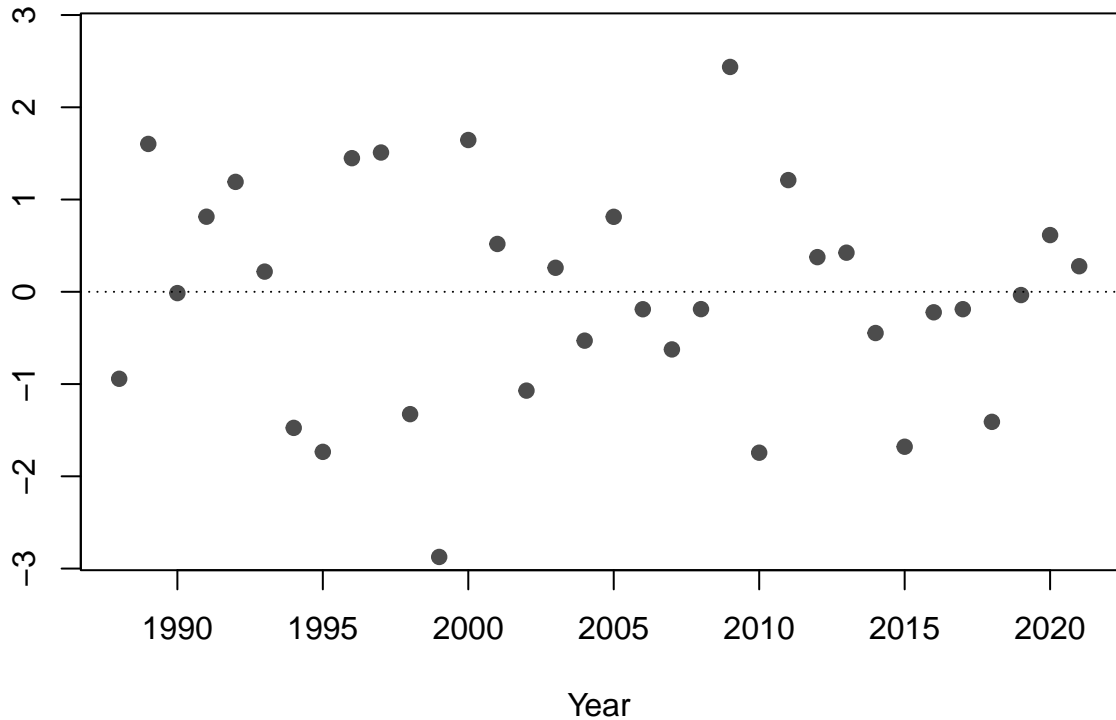
Log index

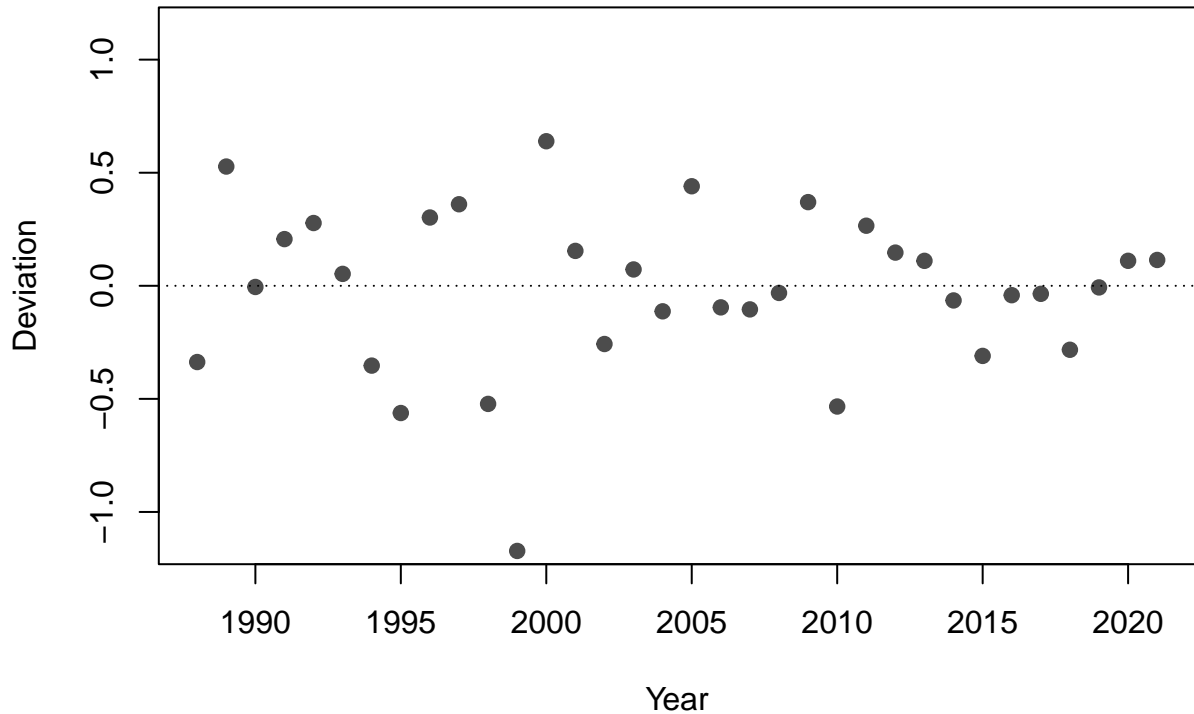




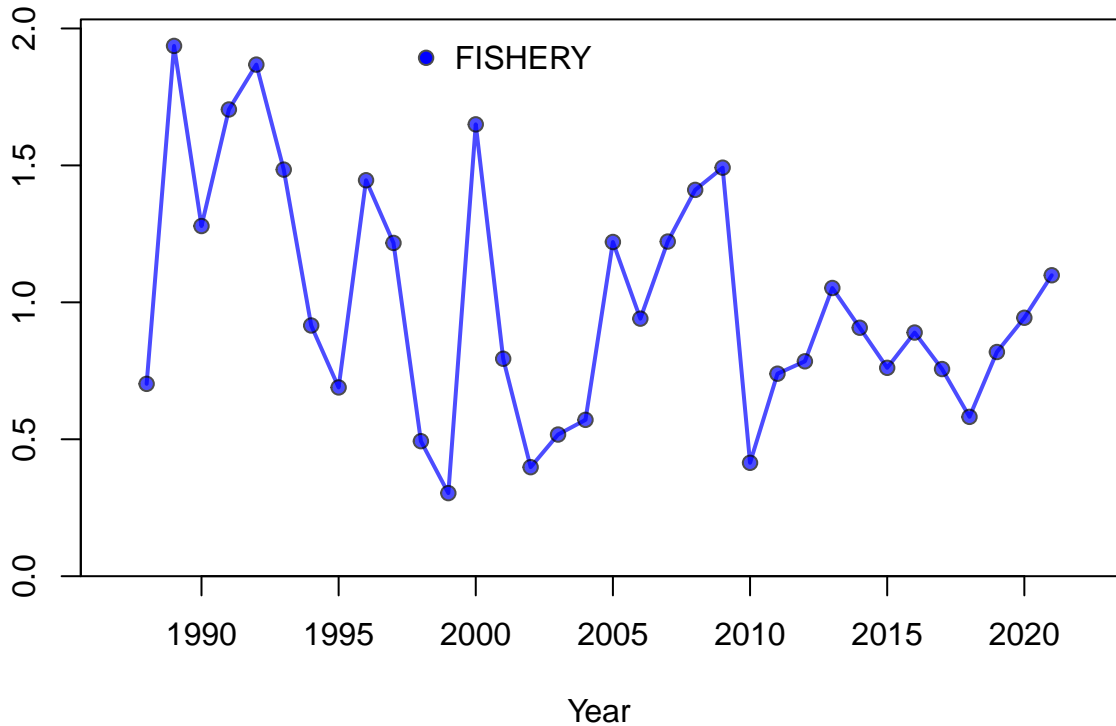


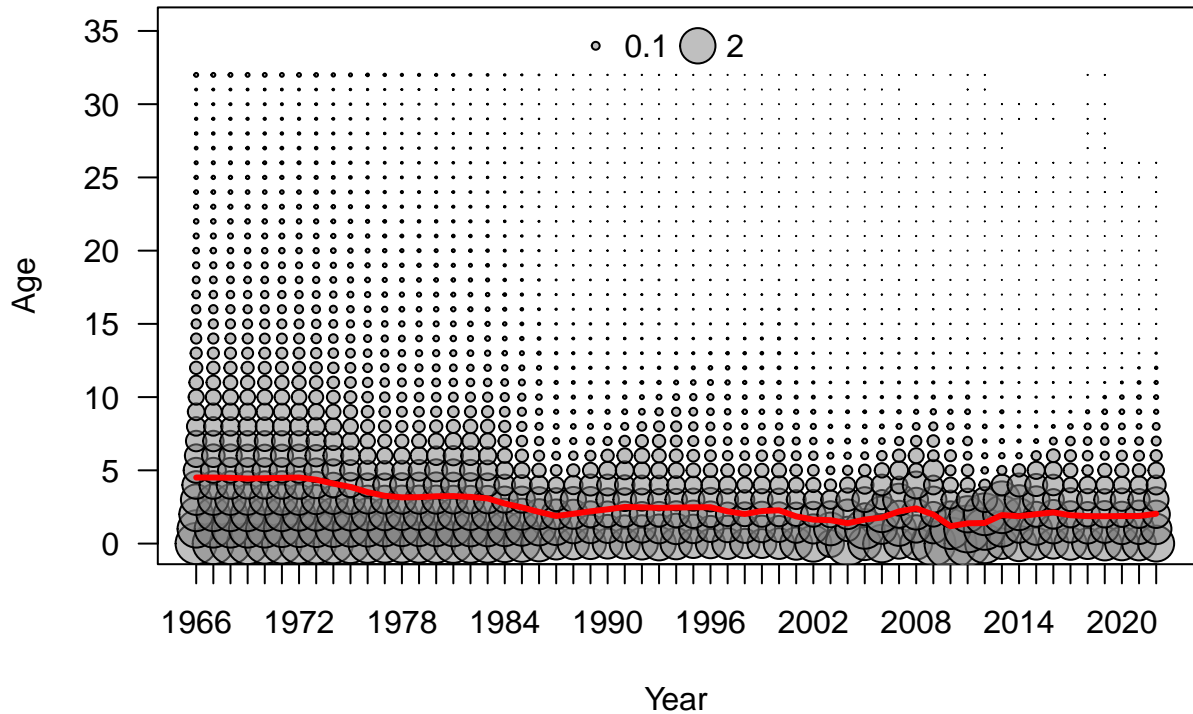
Residual

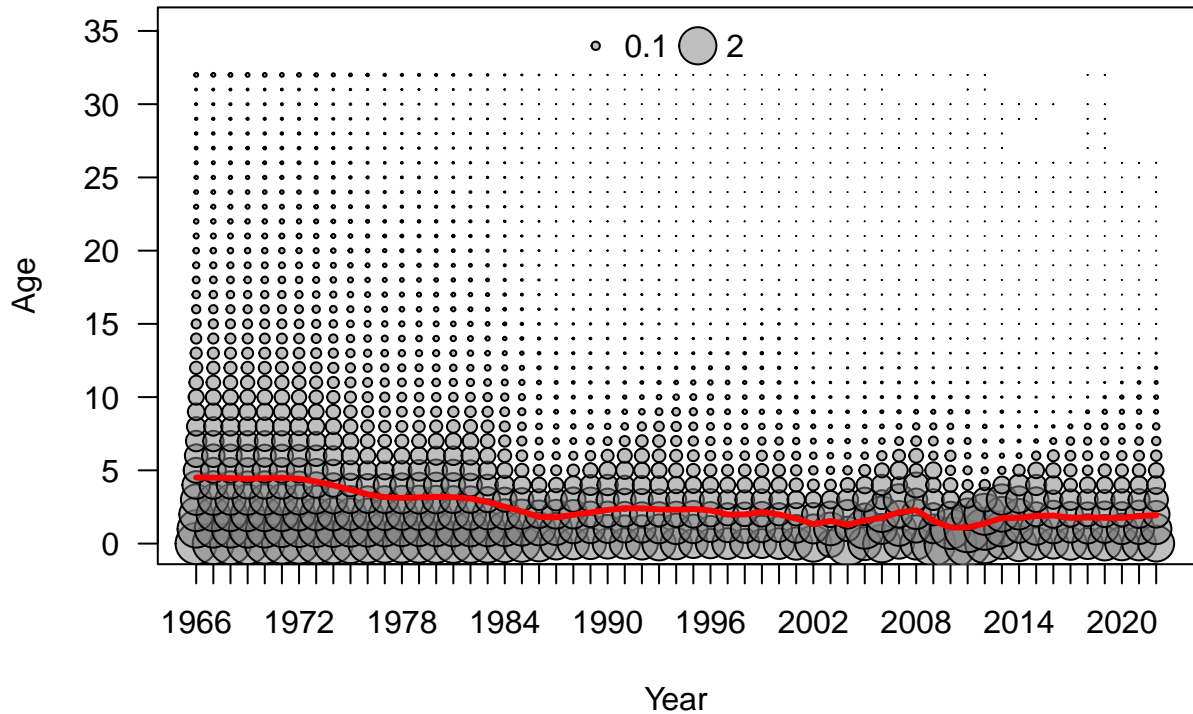




Standardized index

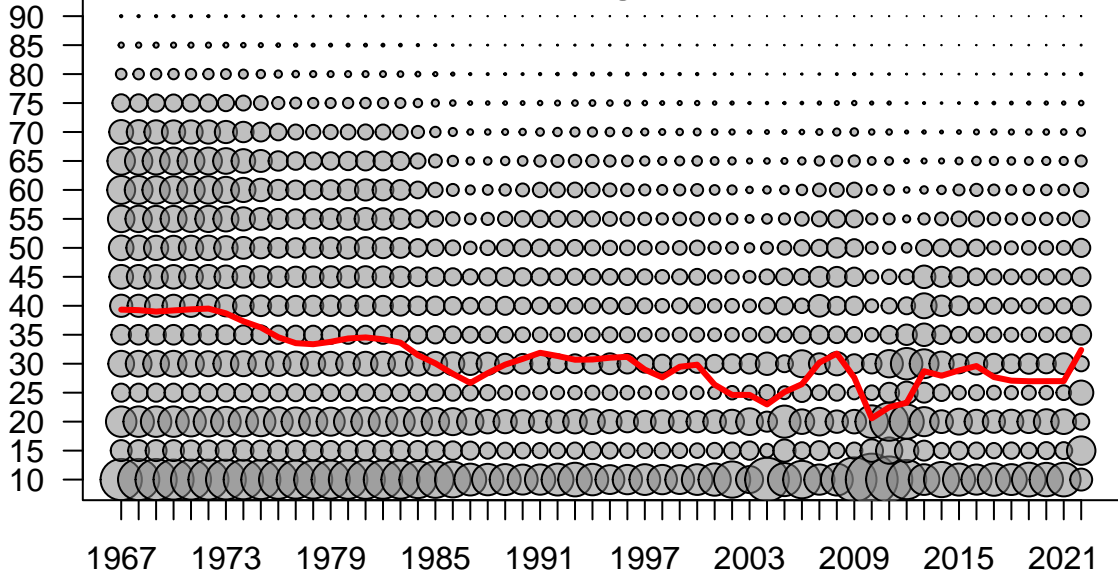






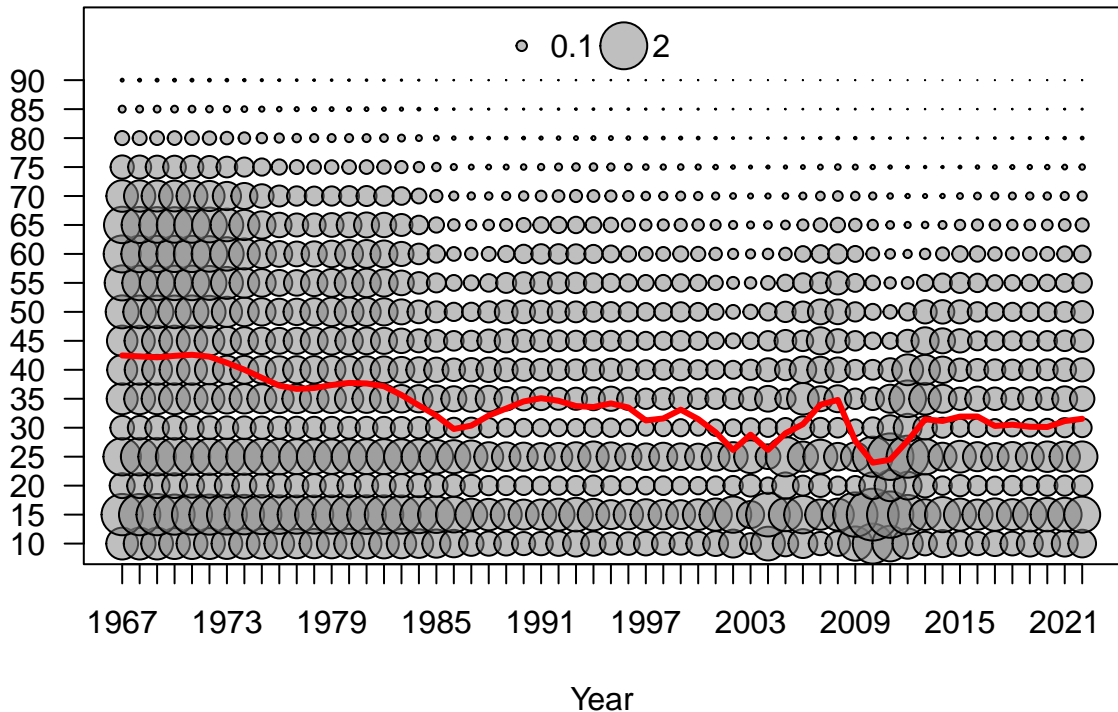
Length

◦ 0.1    ● 2

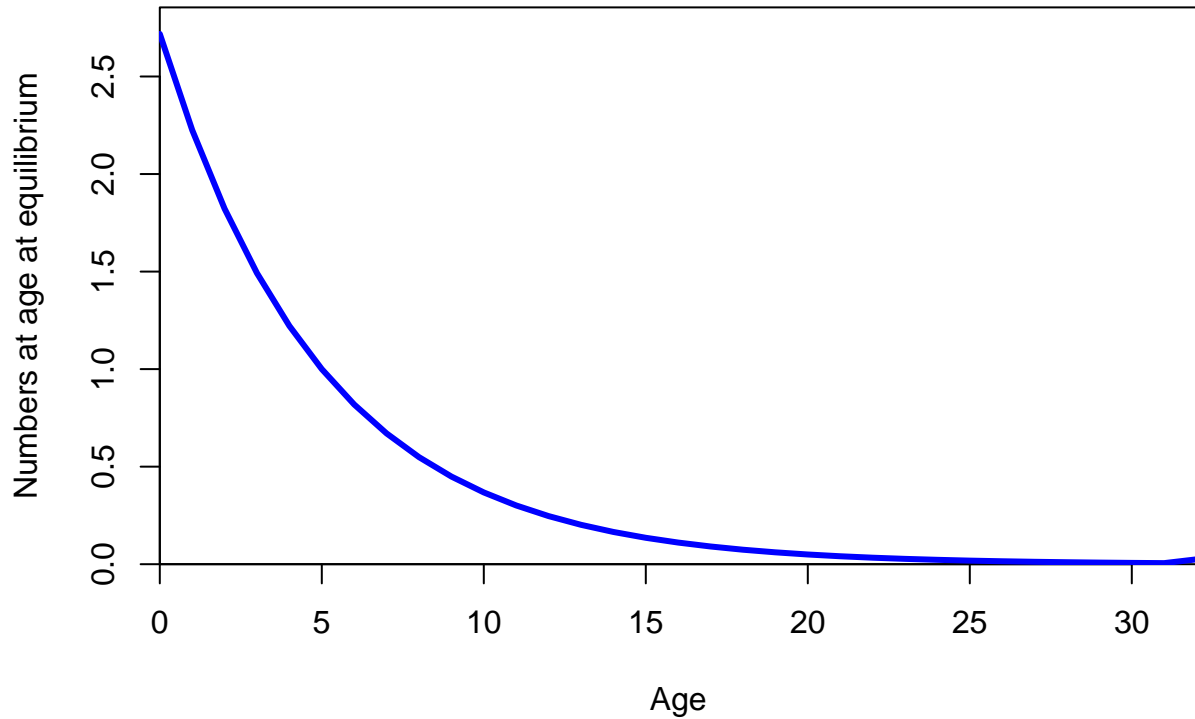


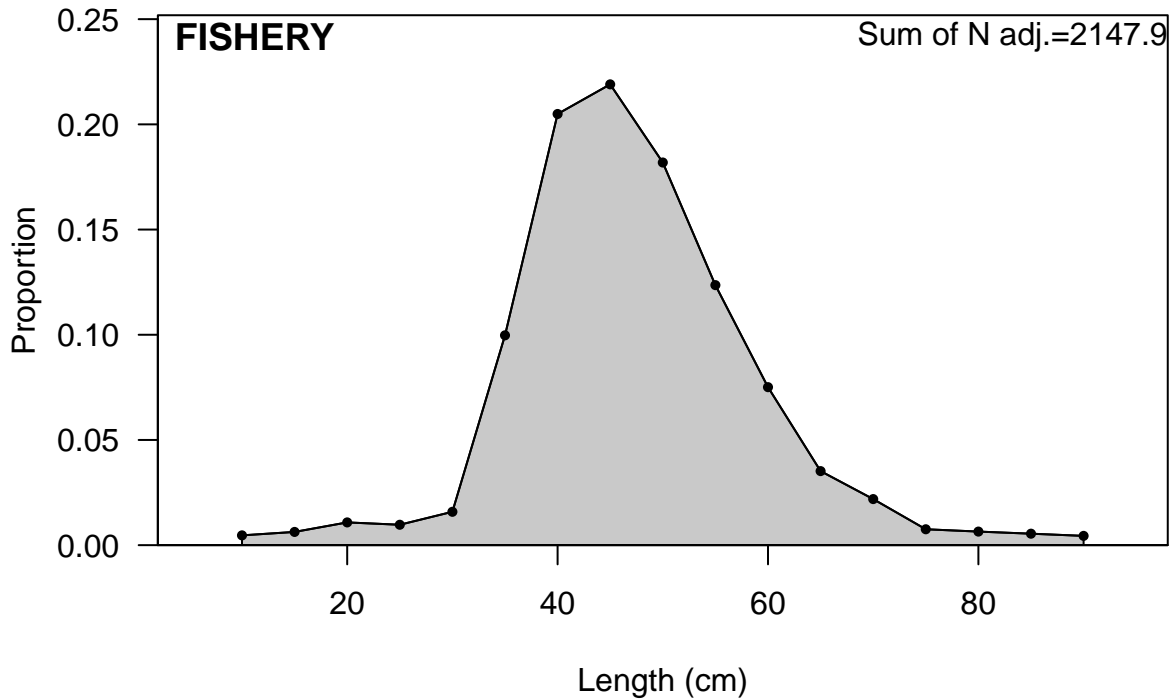
Year

Length



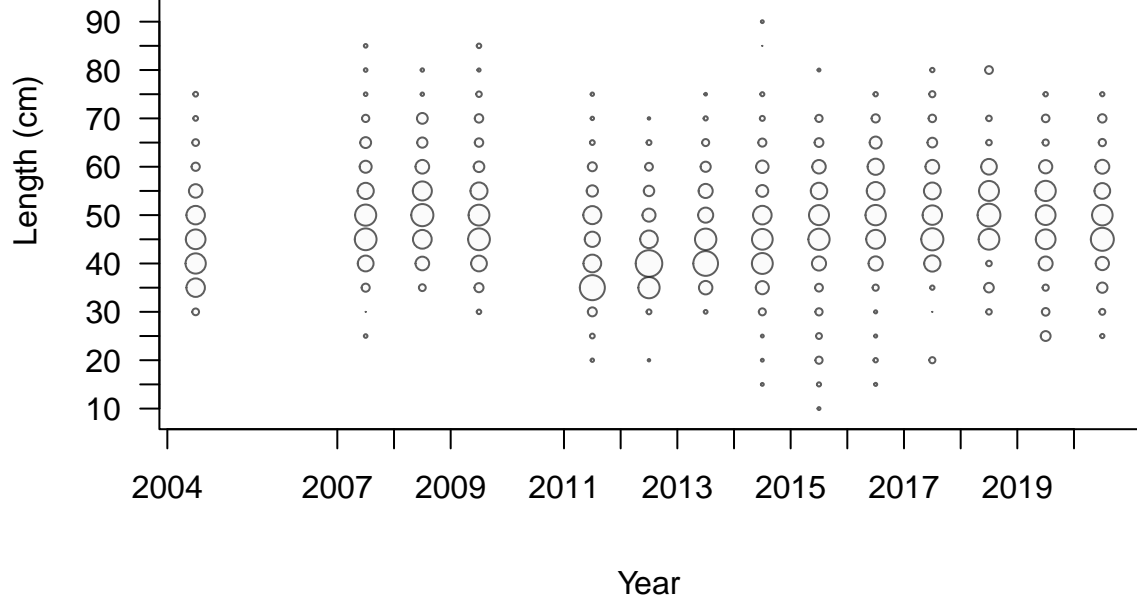




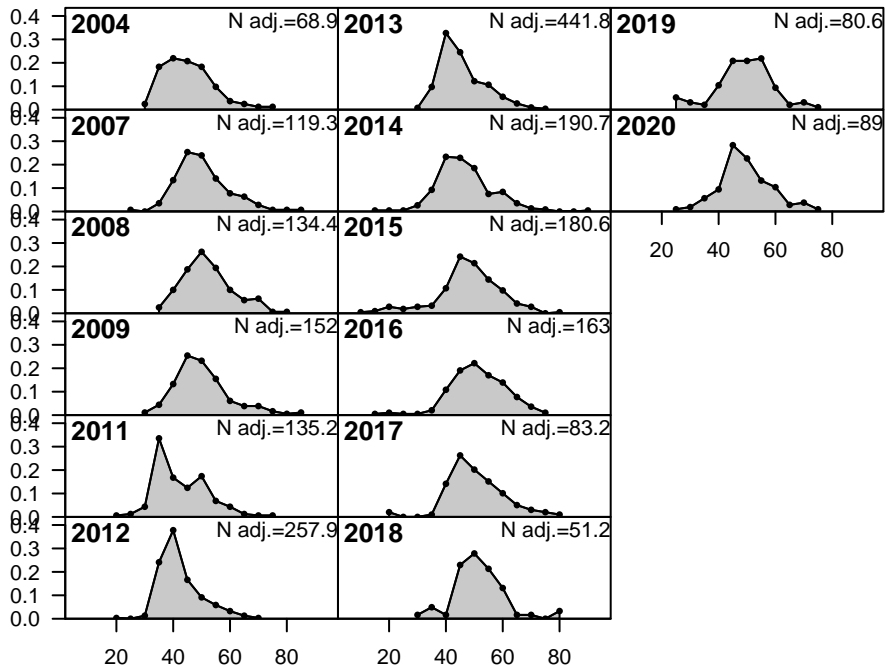


# FISHERY

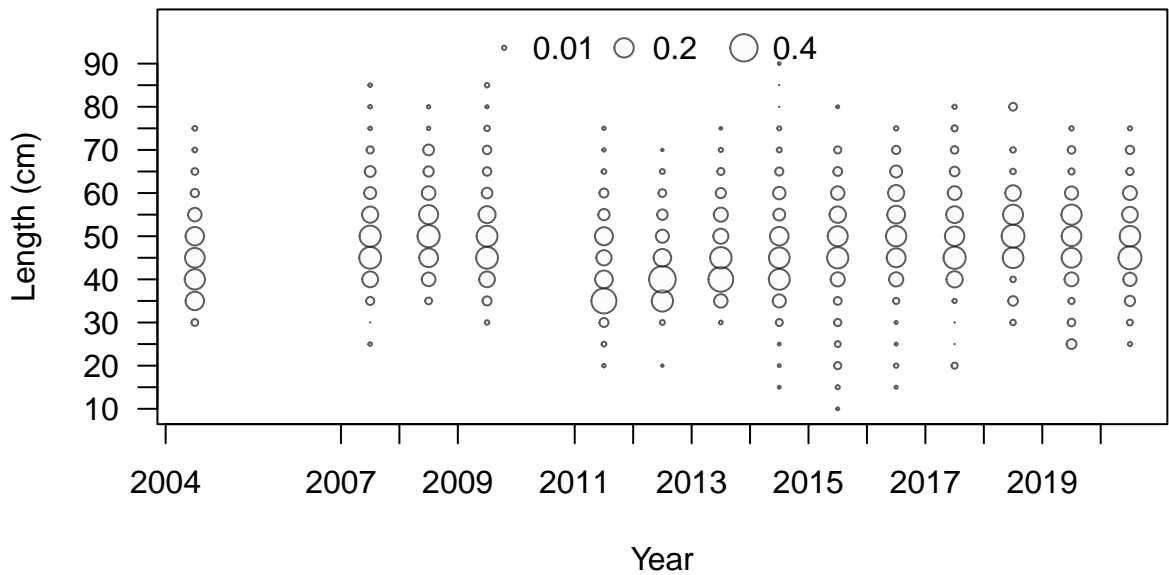
• 0.01 ○ 0.2 ○ 0.4



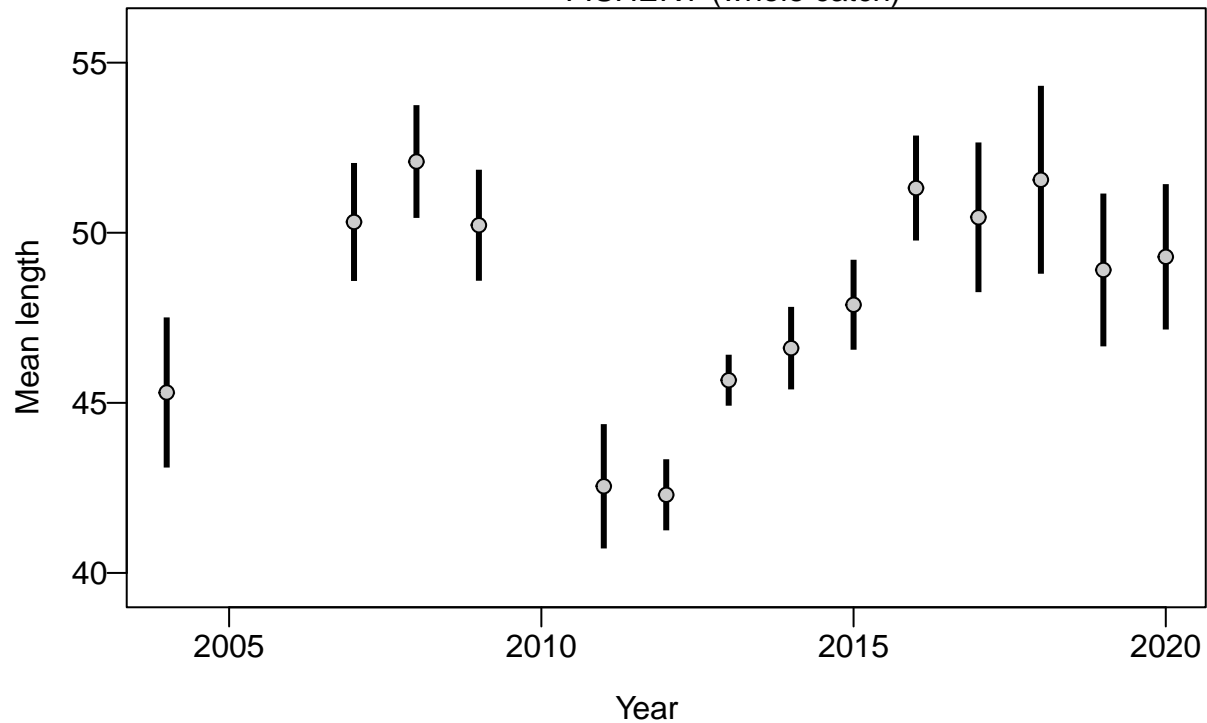
Proportion

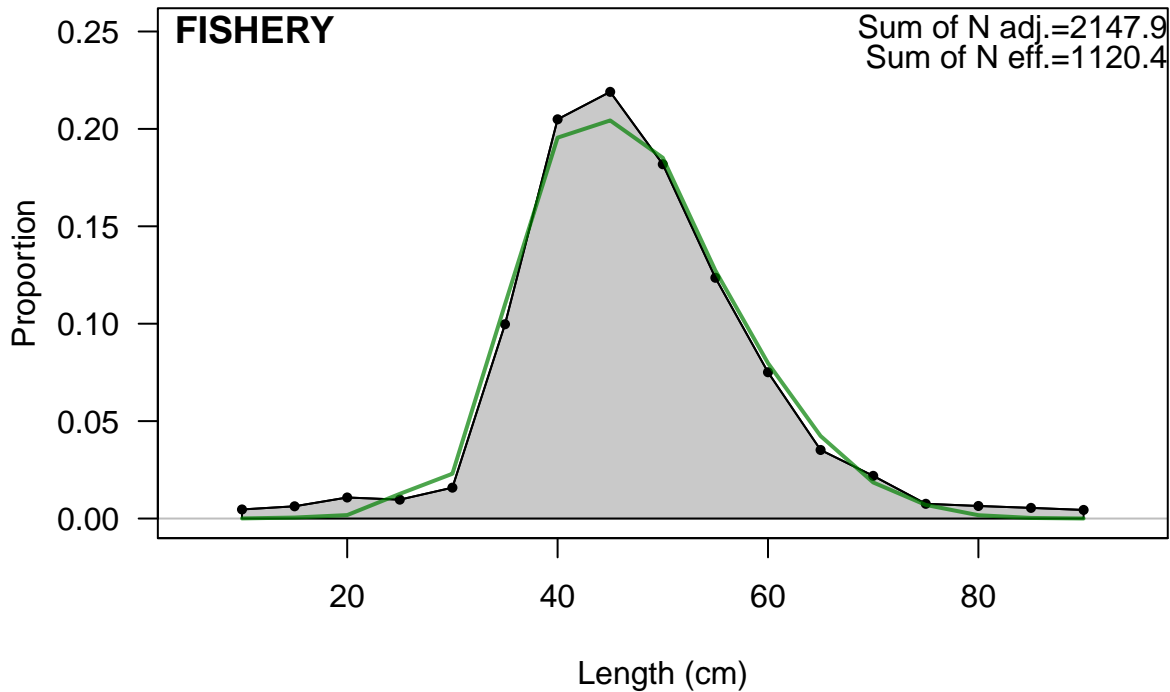


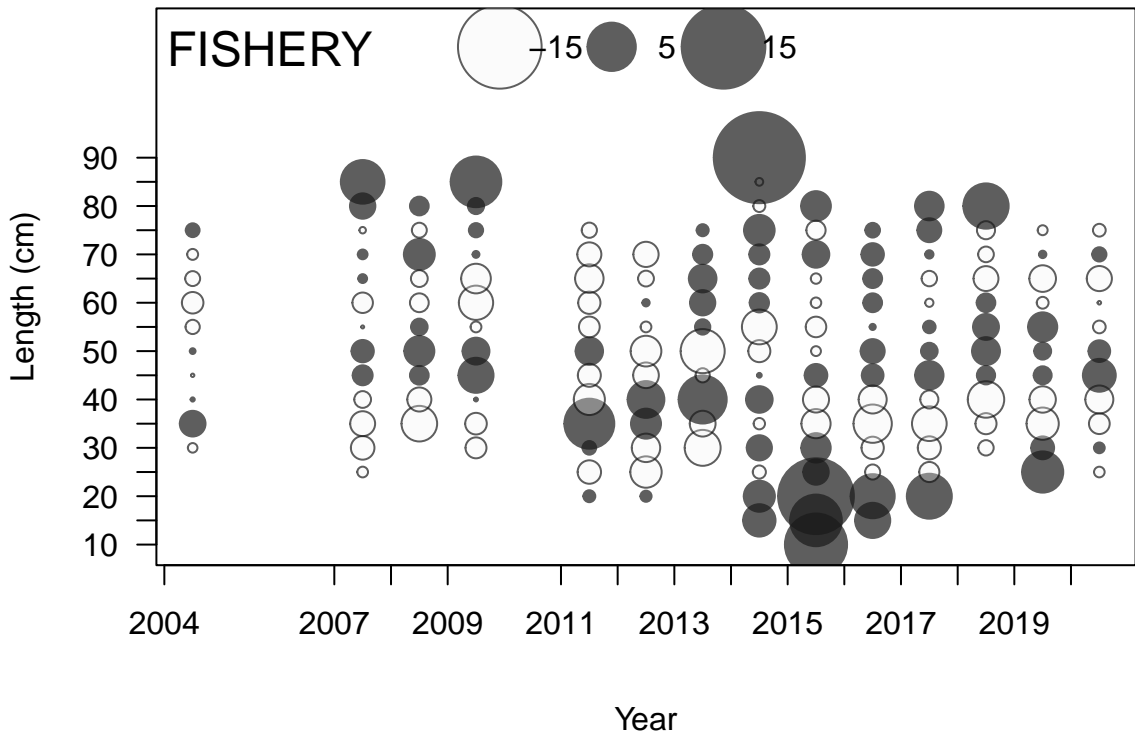
Length (cm)



FISHERY (whole catch)

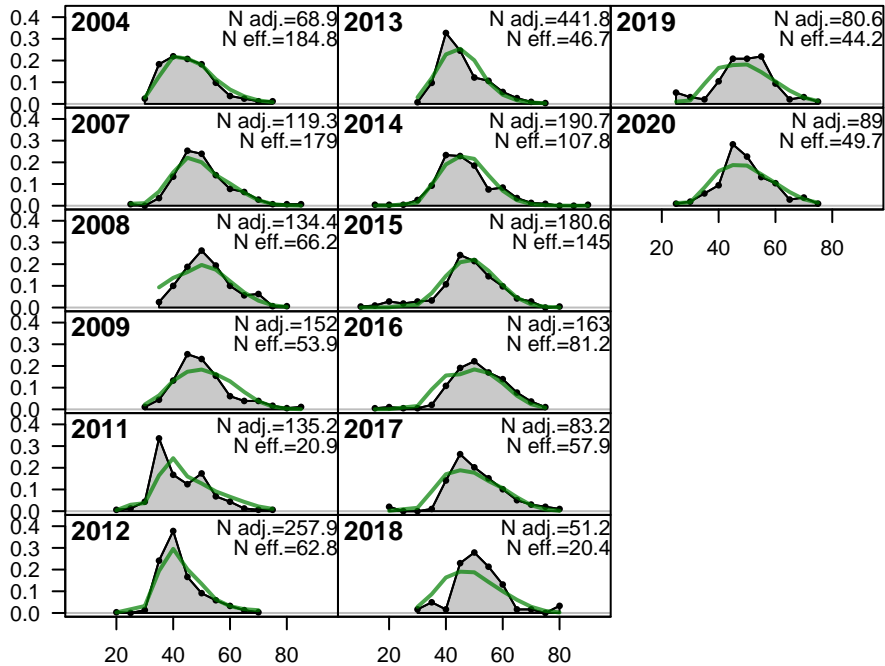






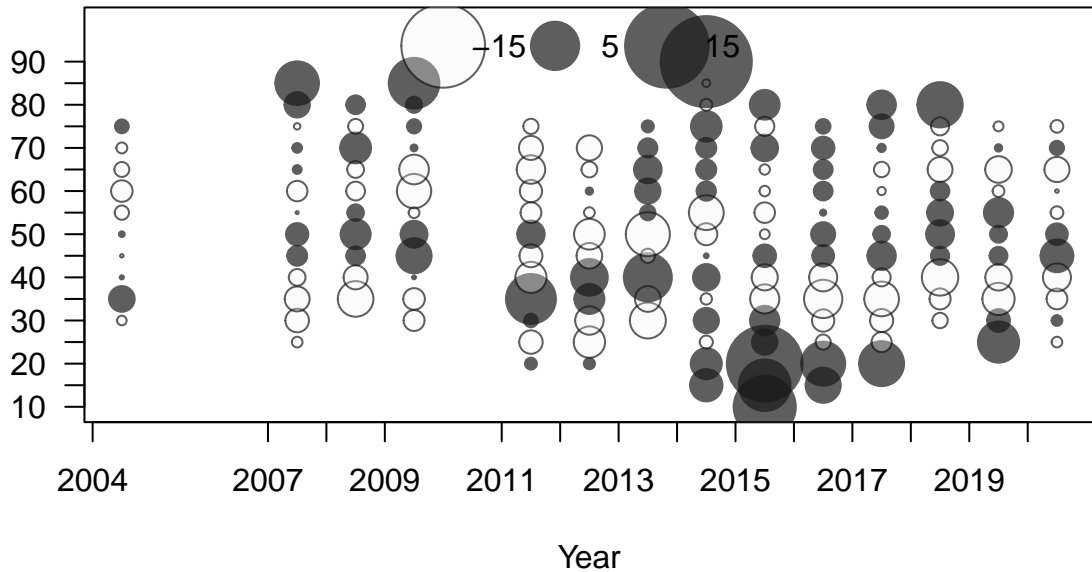


Proportion

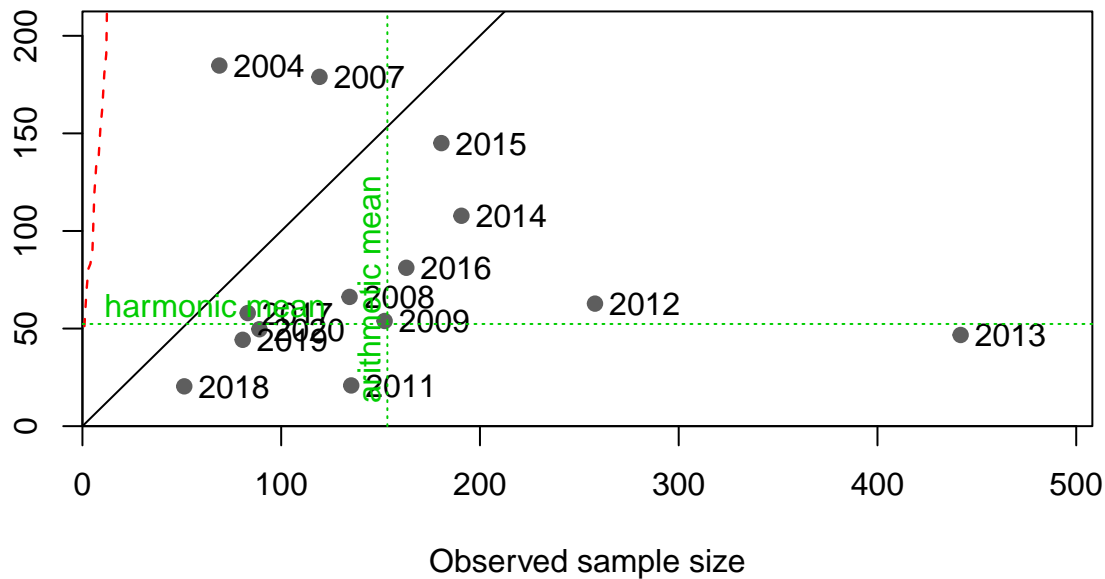


Length (cm)

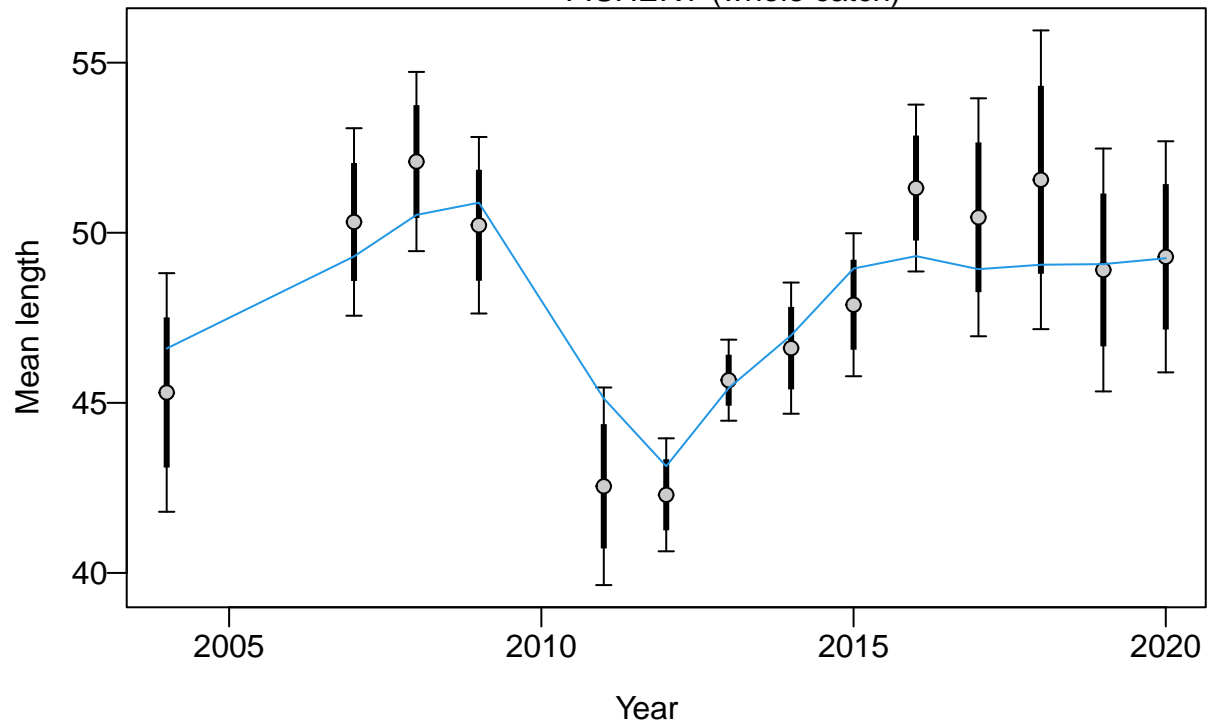
Length (cm)

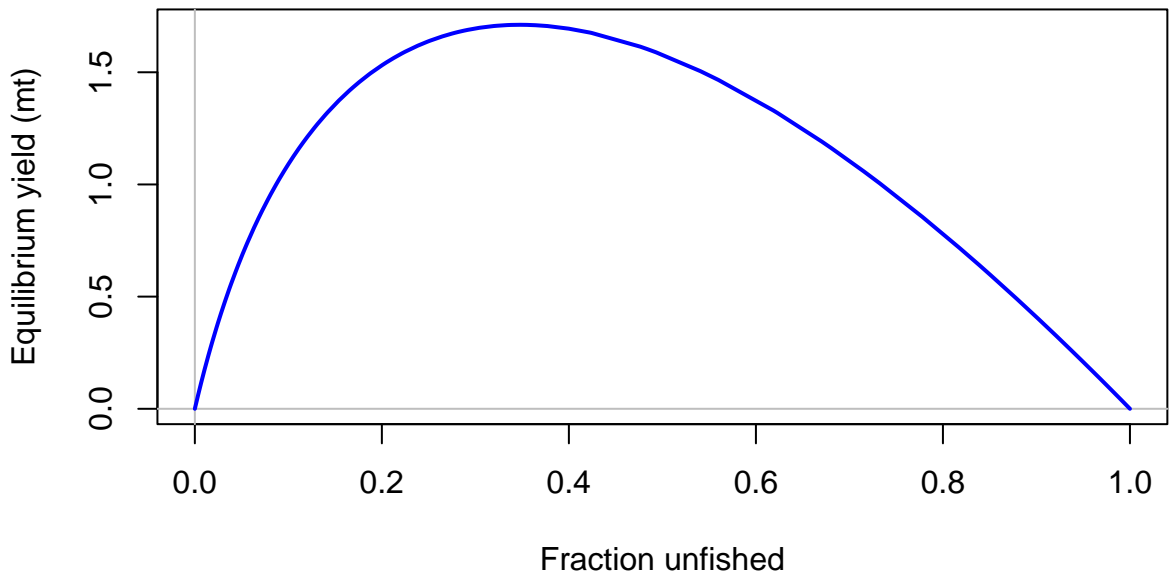


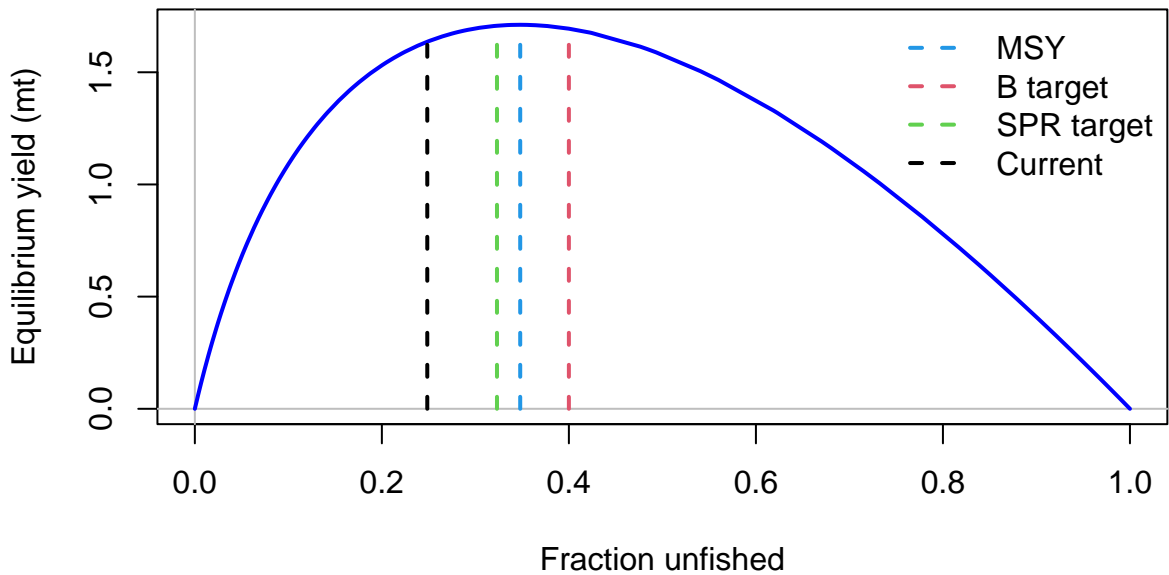
Effective sample size

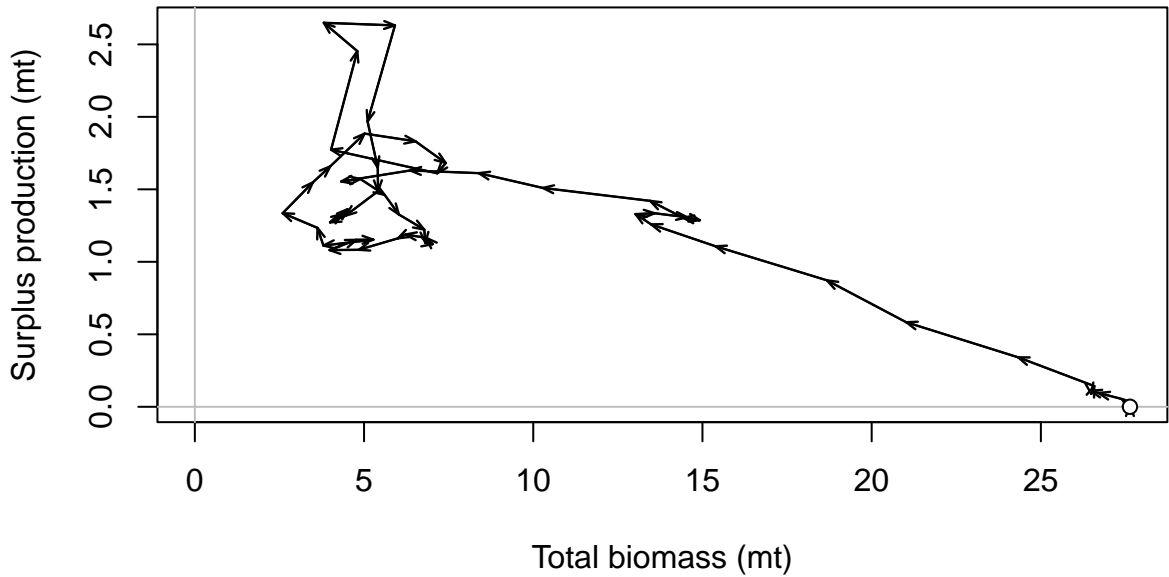


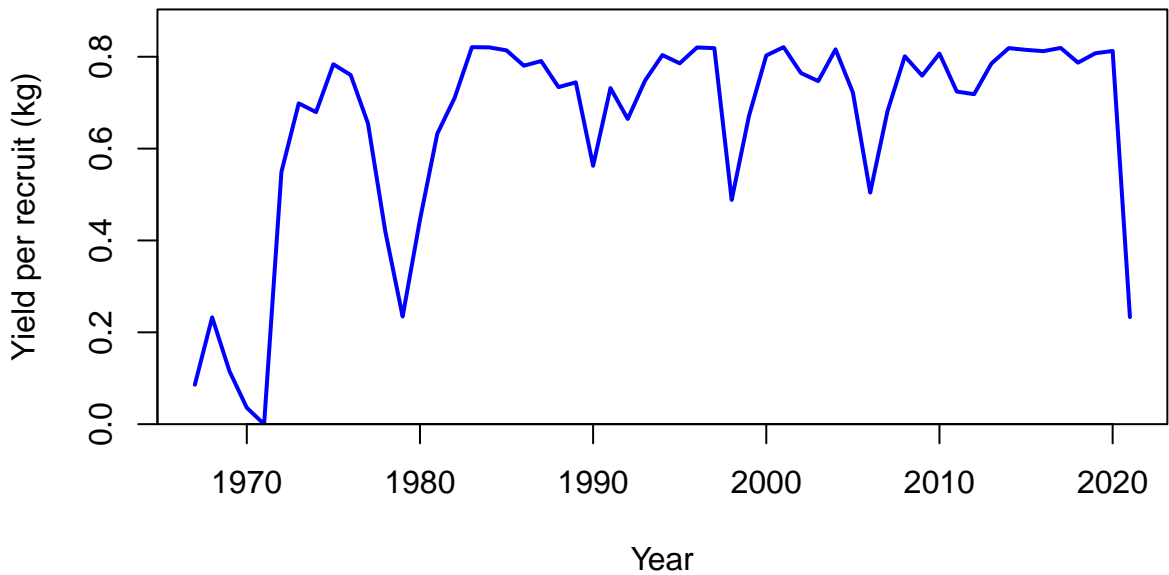
## FISHERY (whole catch)



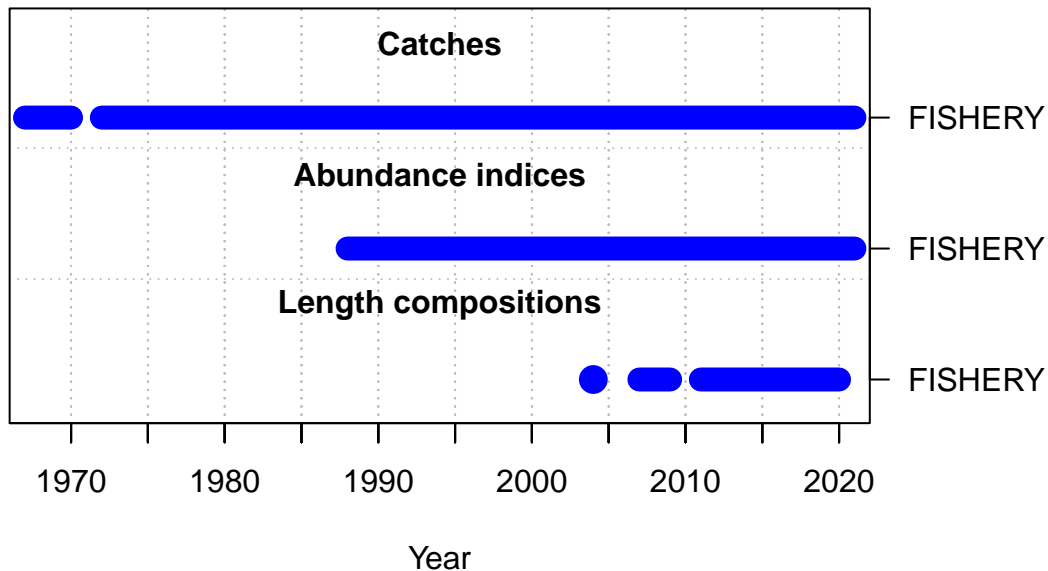


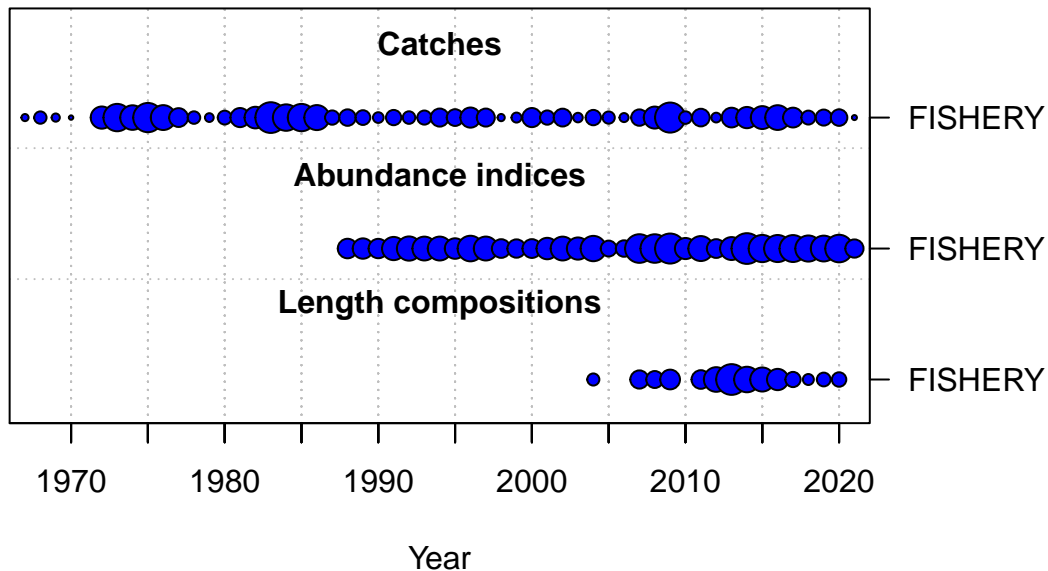










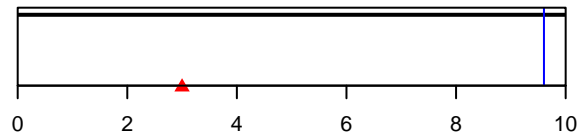


Density

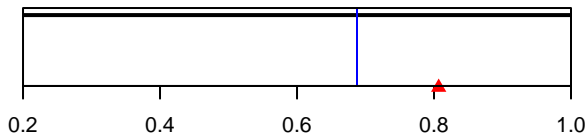
SR\_LN(R0)



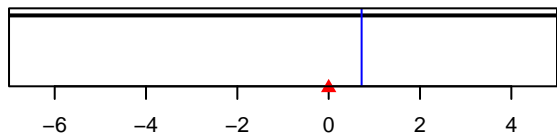
Size\_95%width\_FISHERY(1)



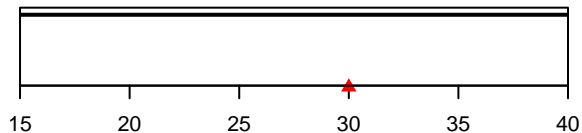
SR\_BH\_steep



LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Parameter value