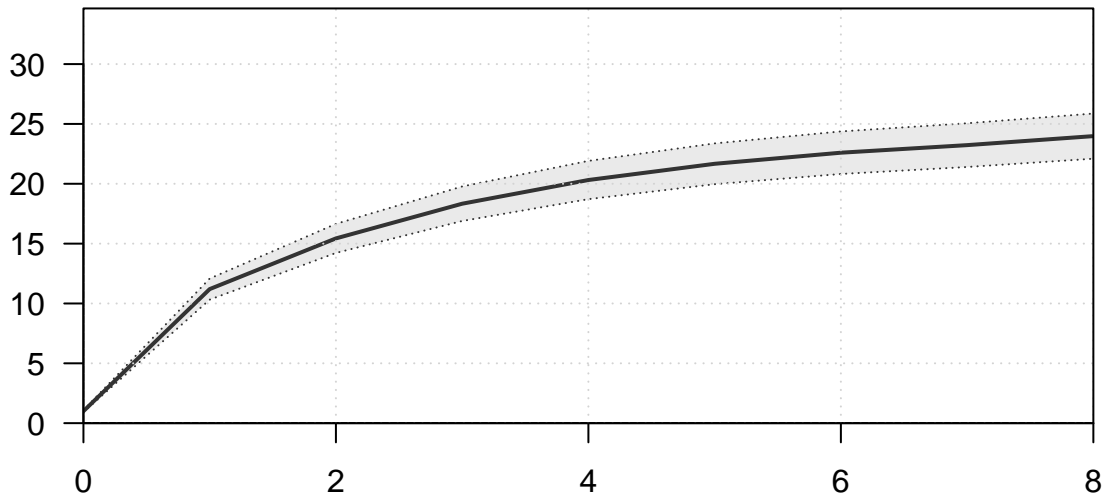
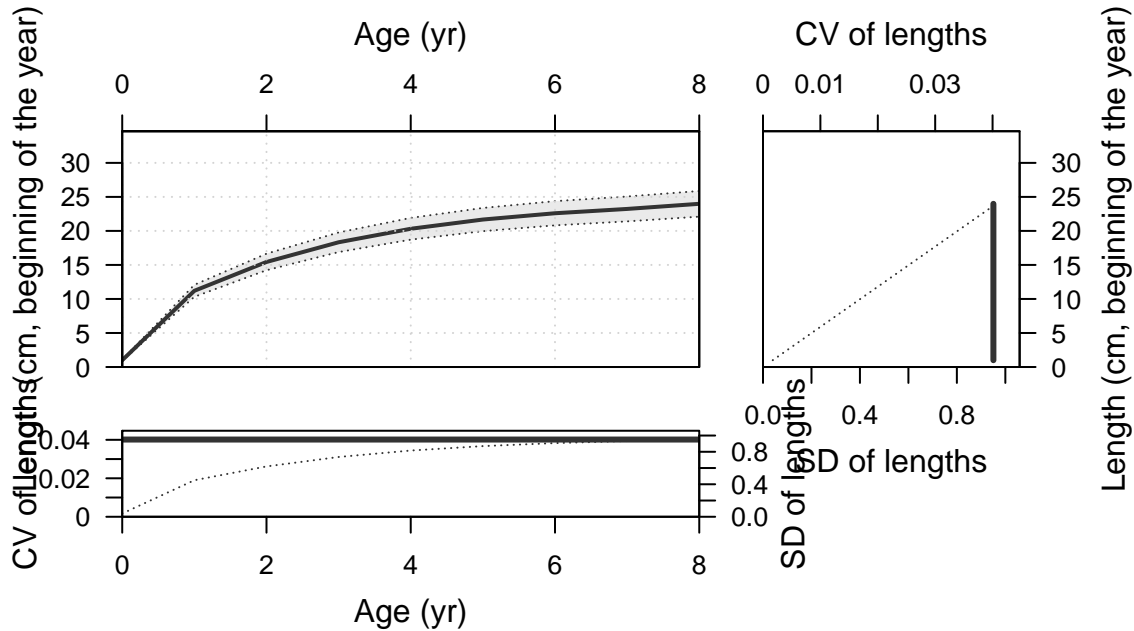


Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Tue Jan 24 11:46:23 2023  
Data\_File: data.ss  
Control\_File: control.ss

Length (cm, beginning of the year)



Age (yr)











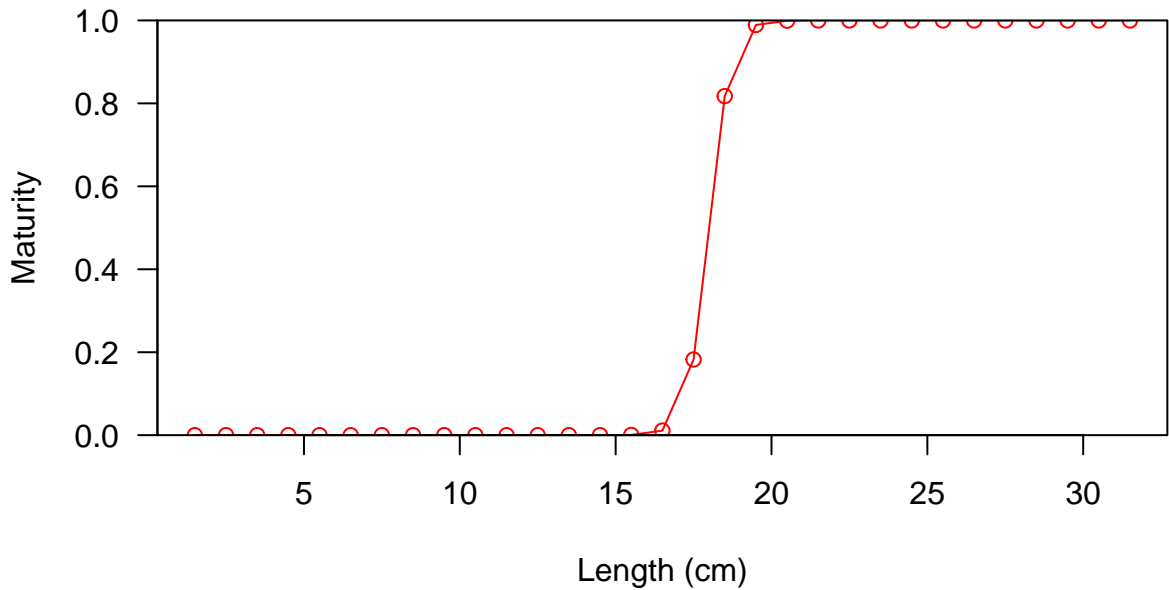


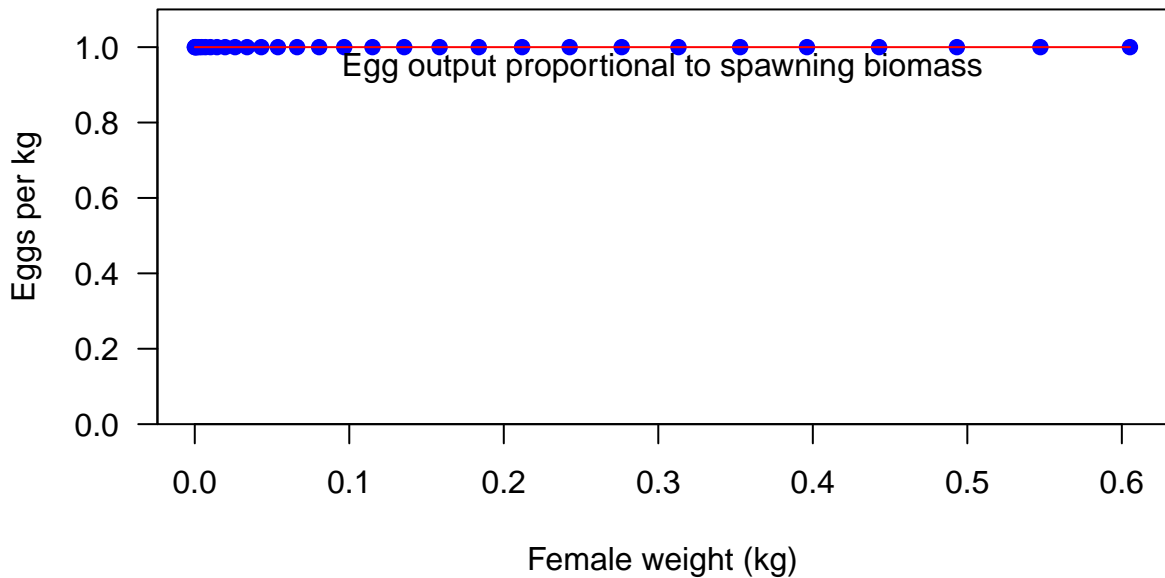






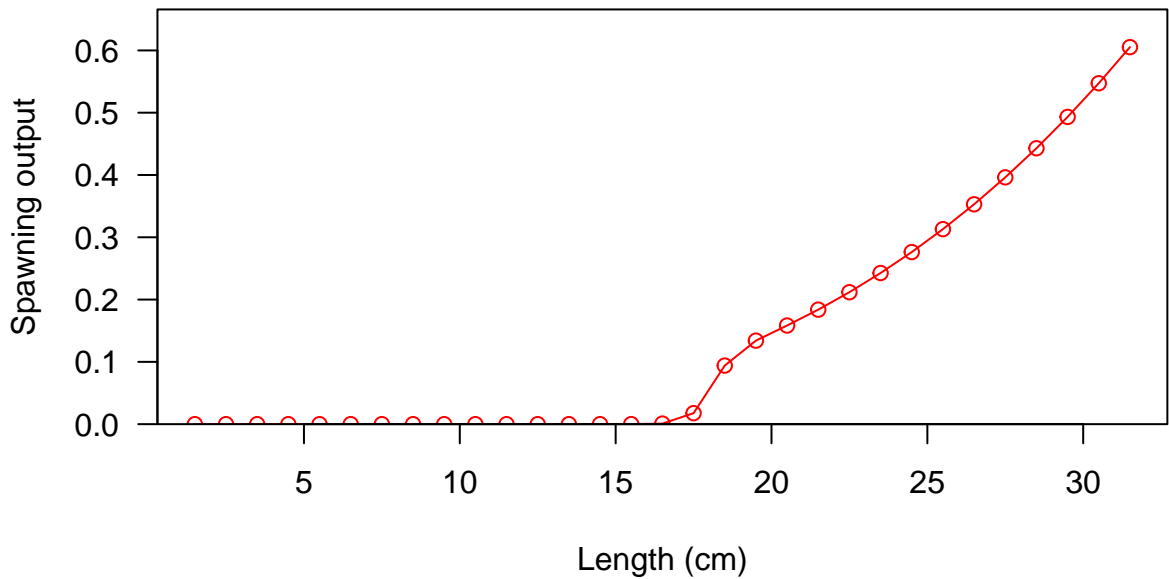








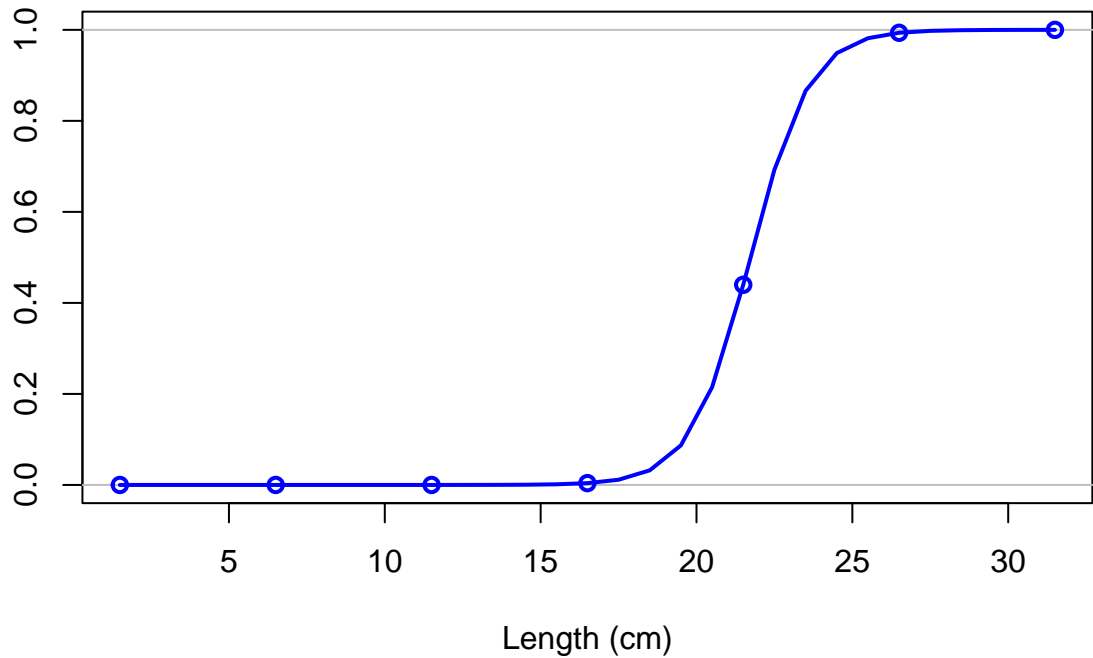




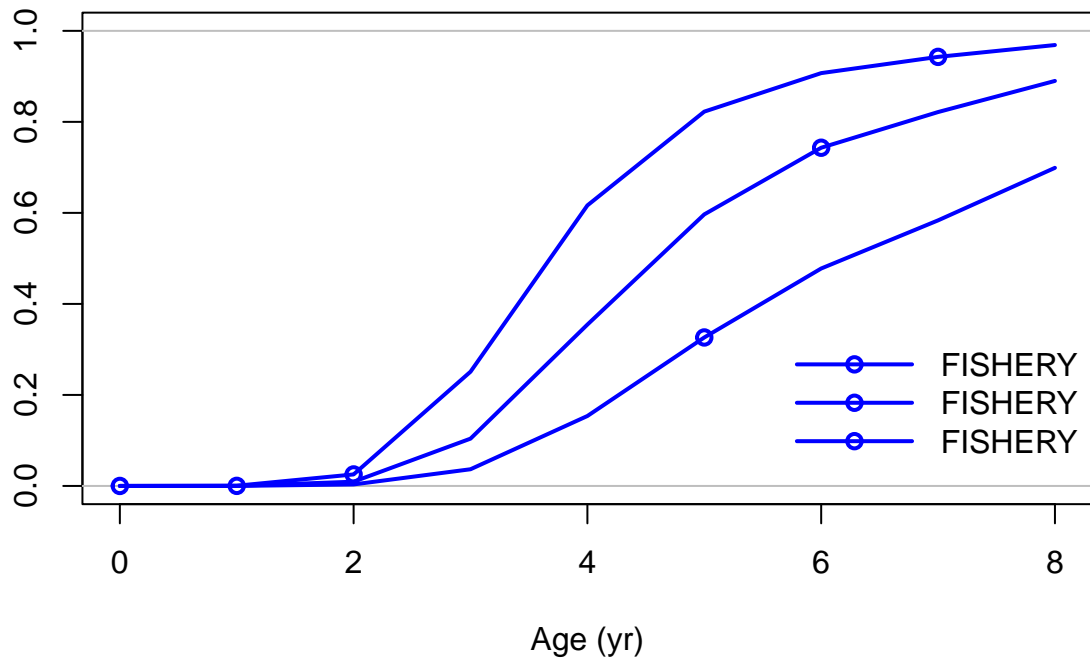




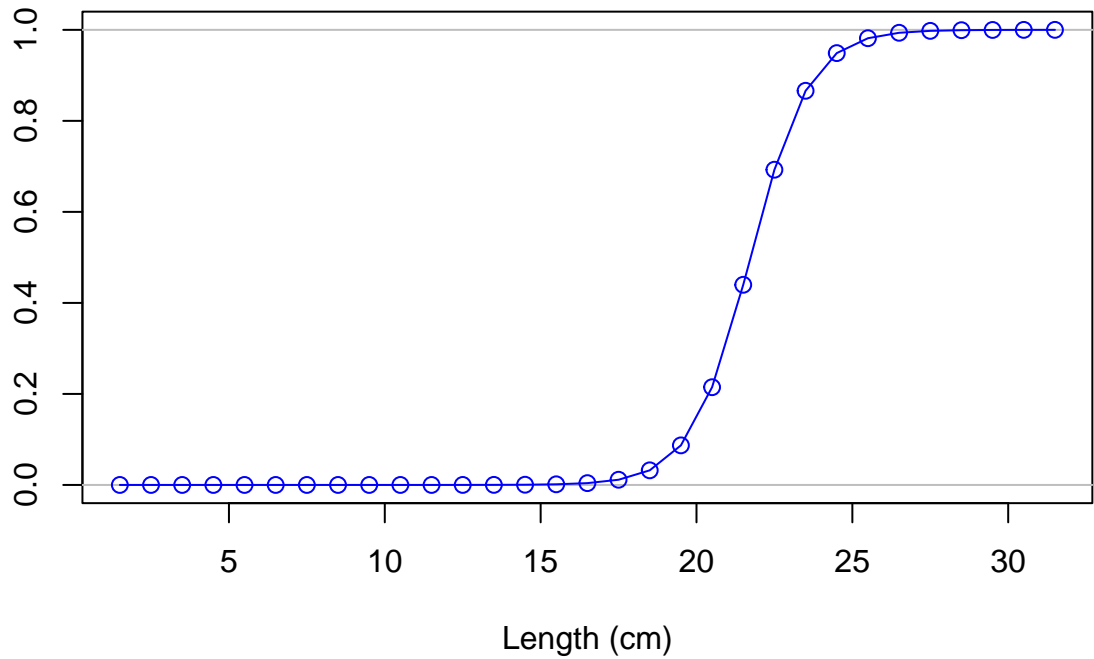
Selectivity

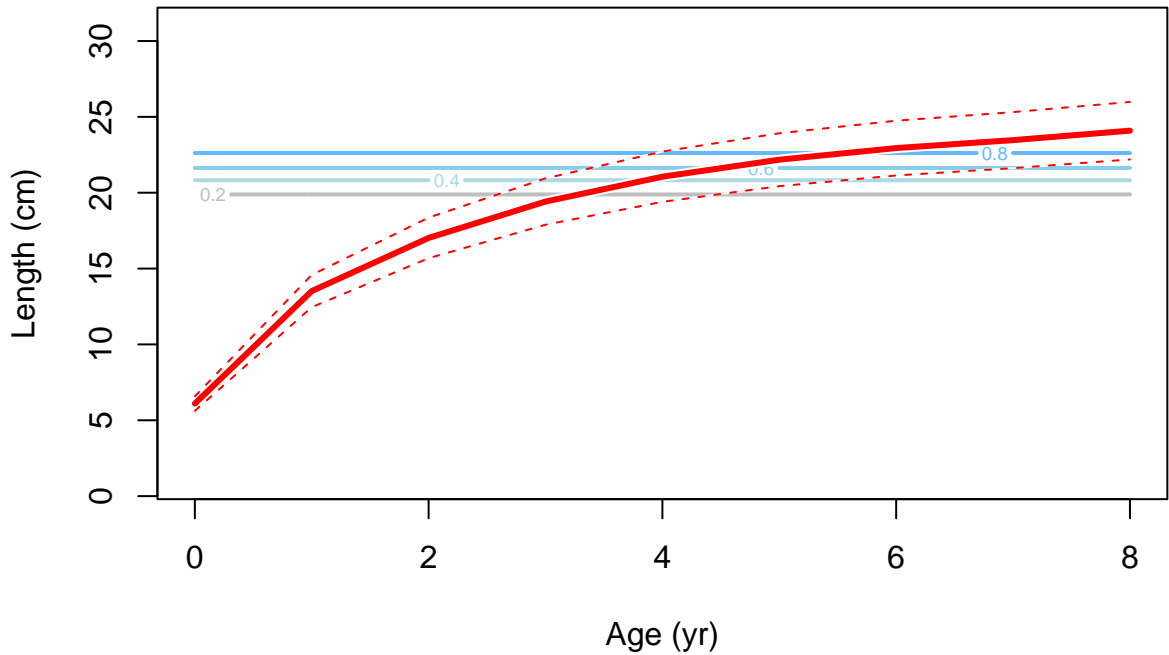


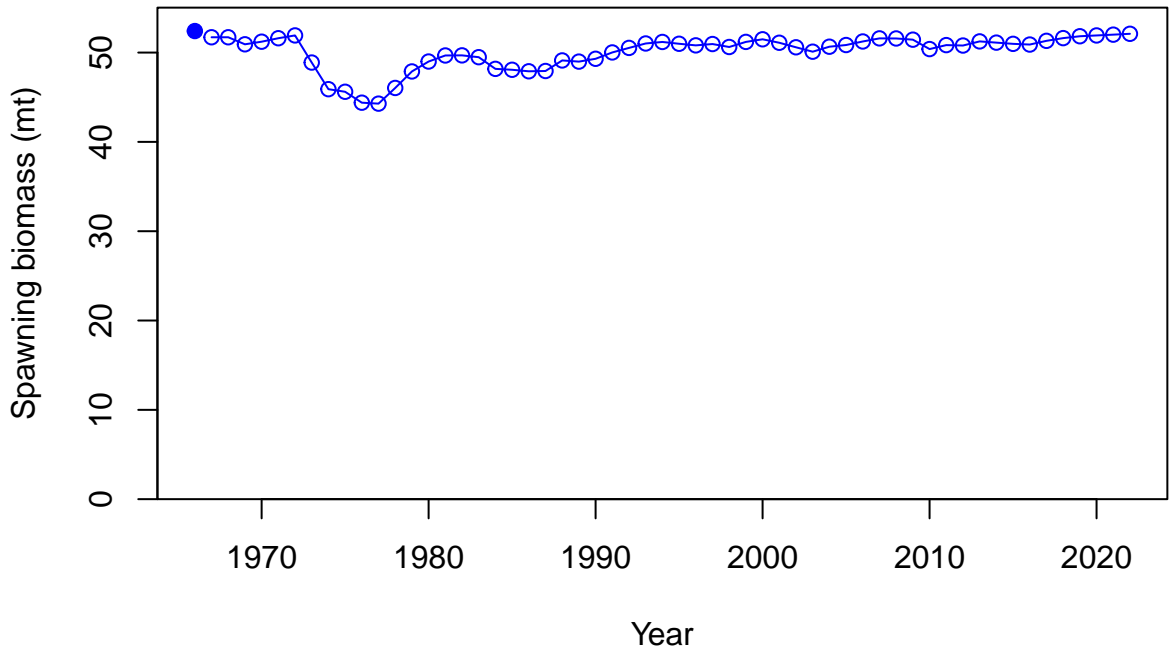
Selectivity

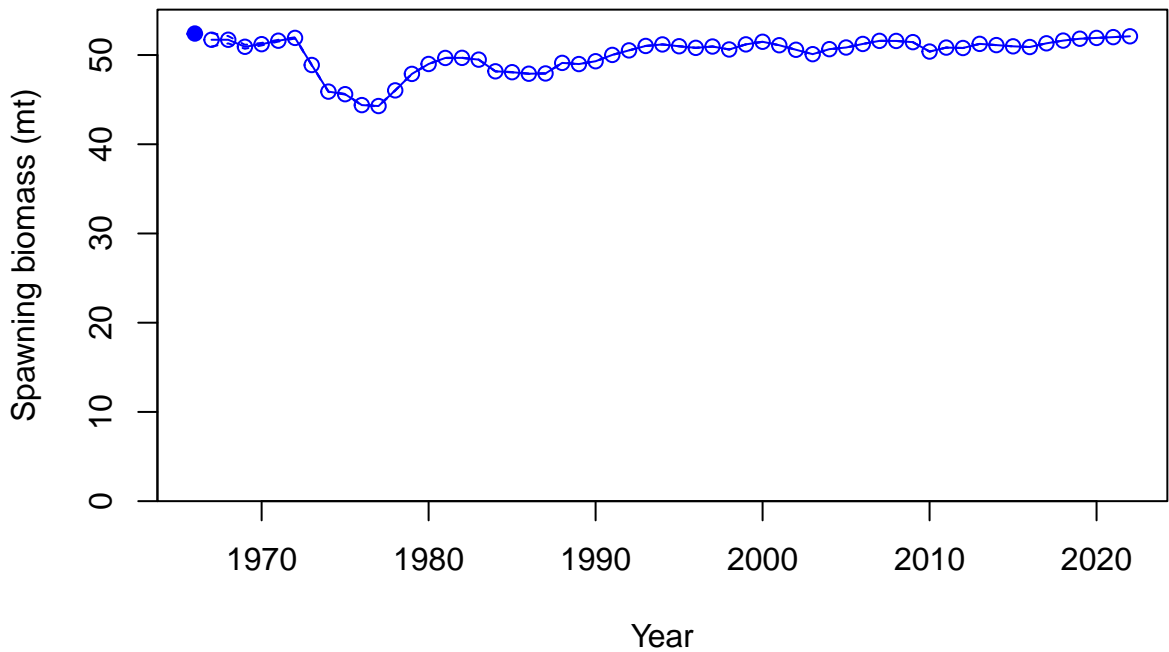


Selectivity

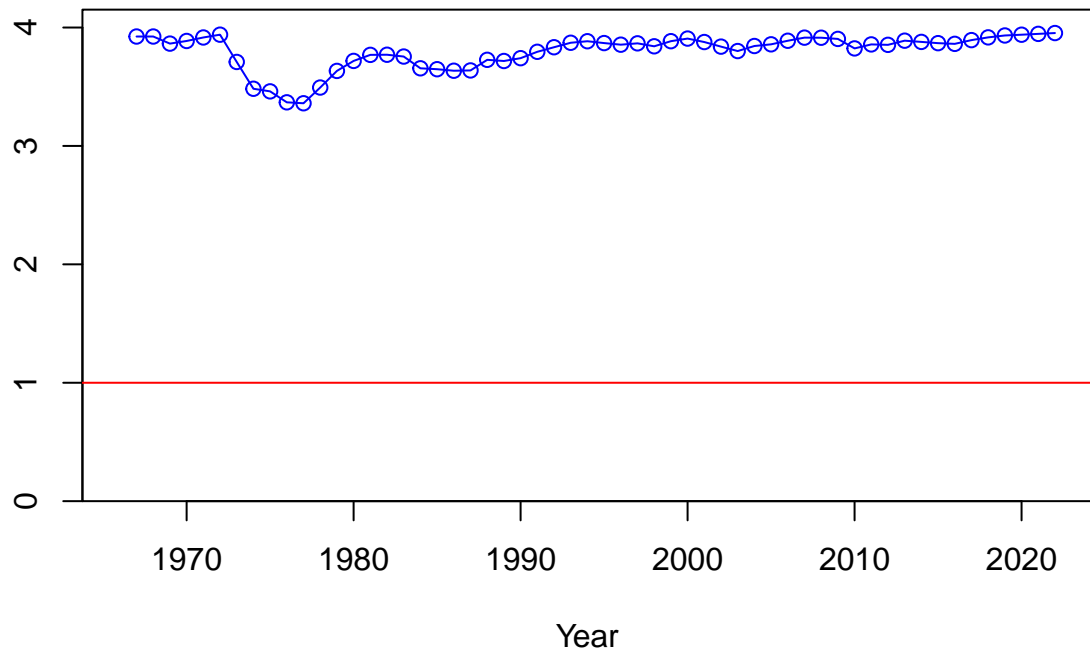






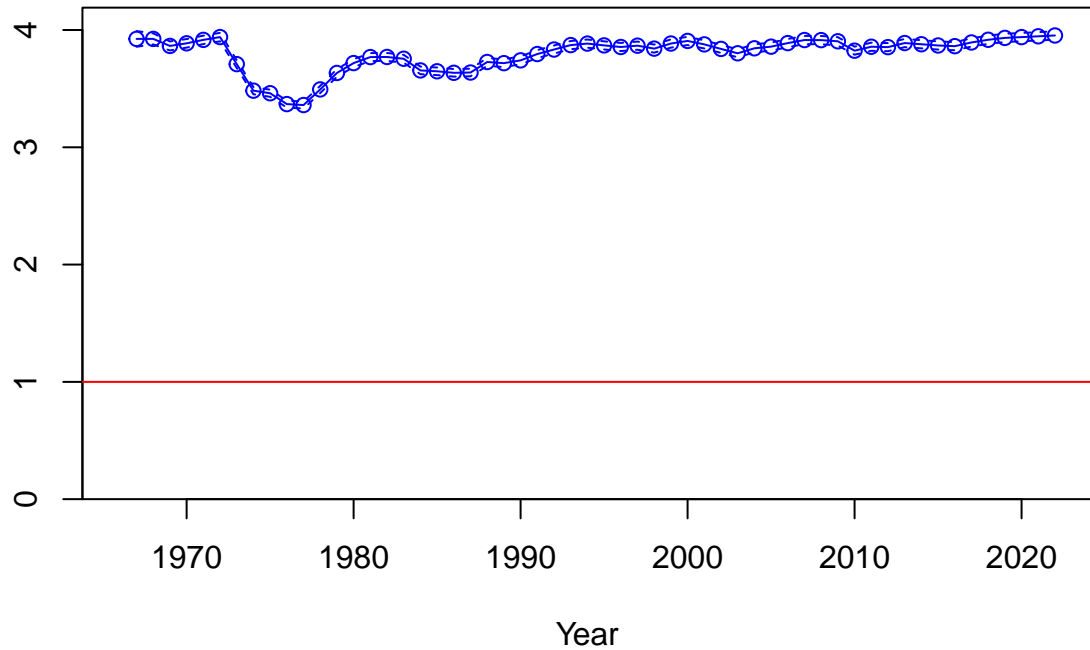


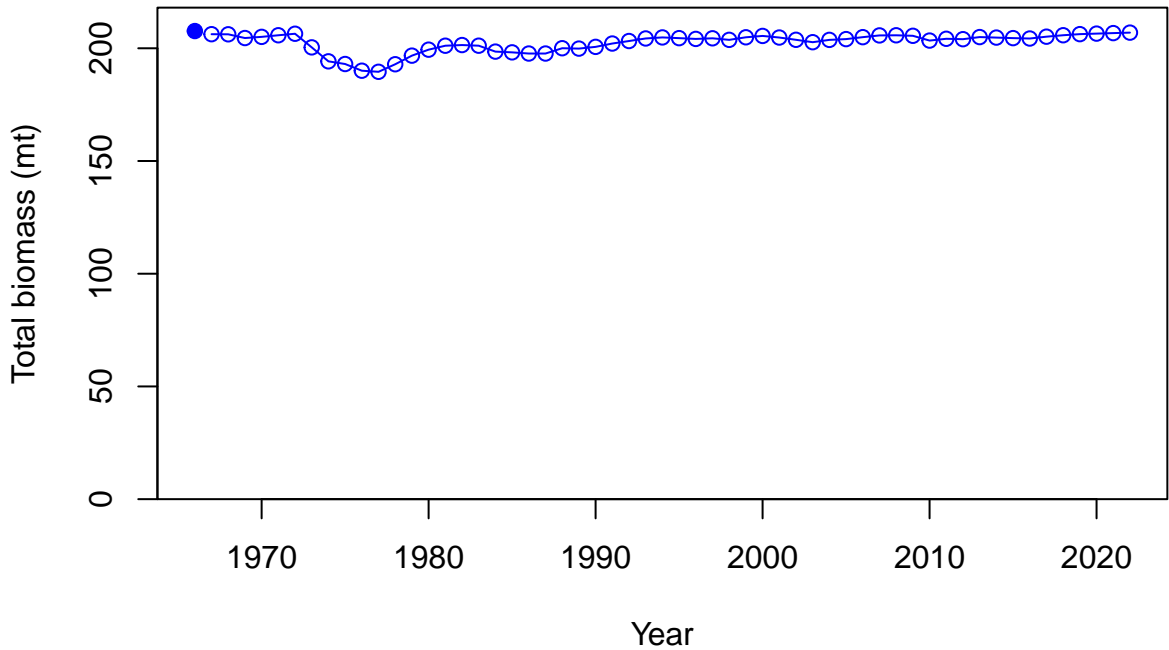
Relative spawning biomass:  $B/B_{MSY}$



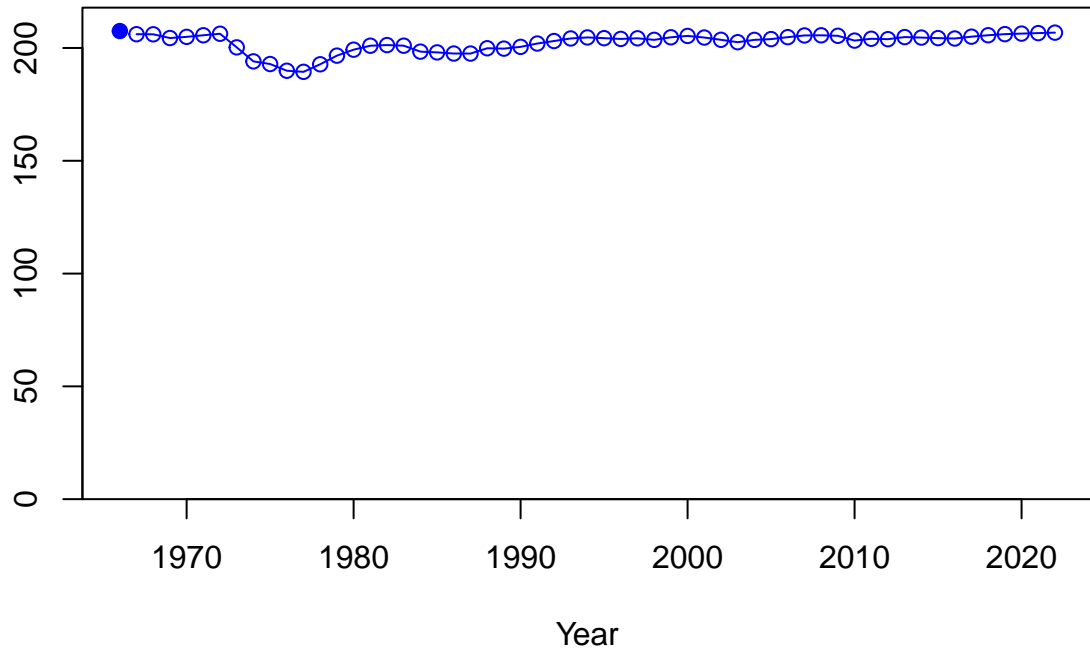


Relative spawning biomass:  $B/B_{MSY}$

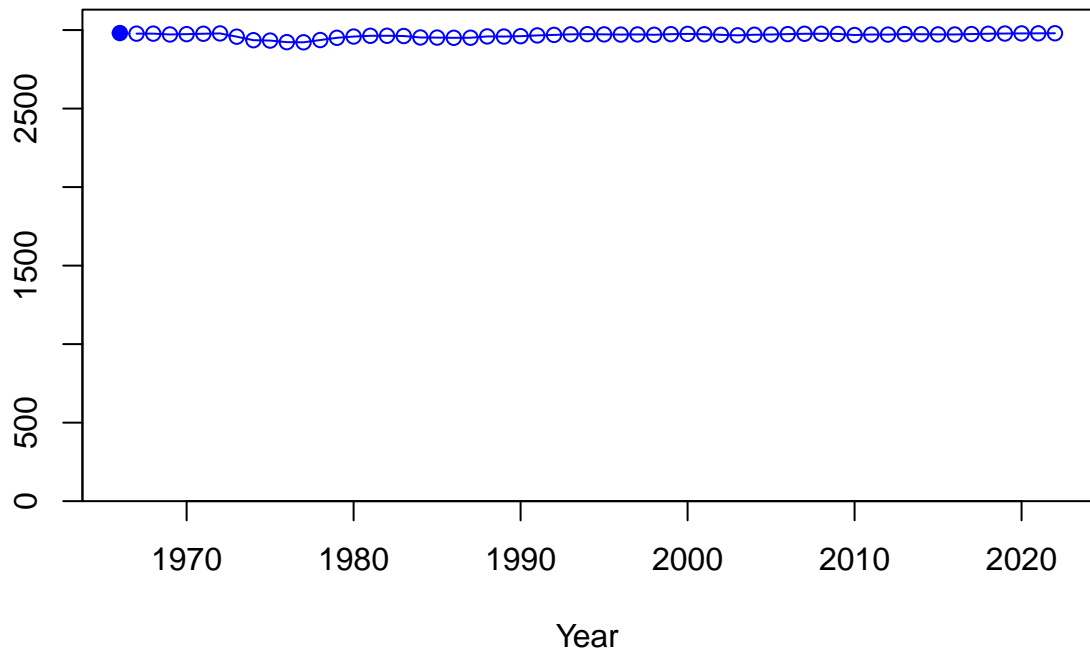




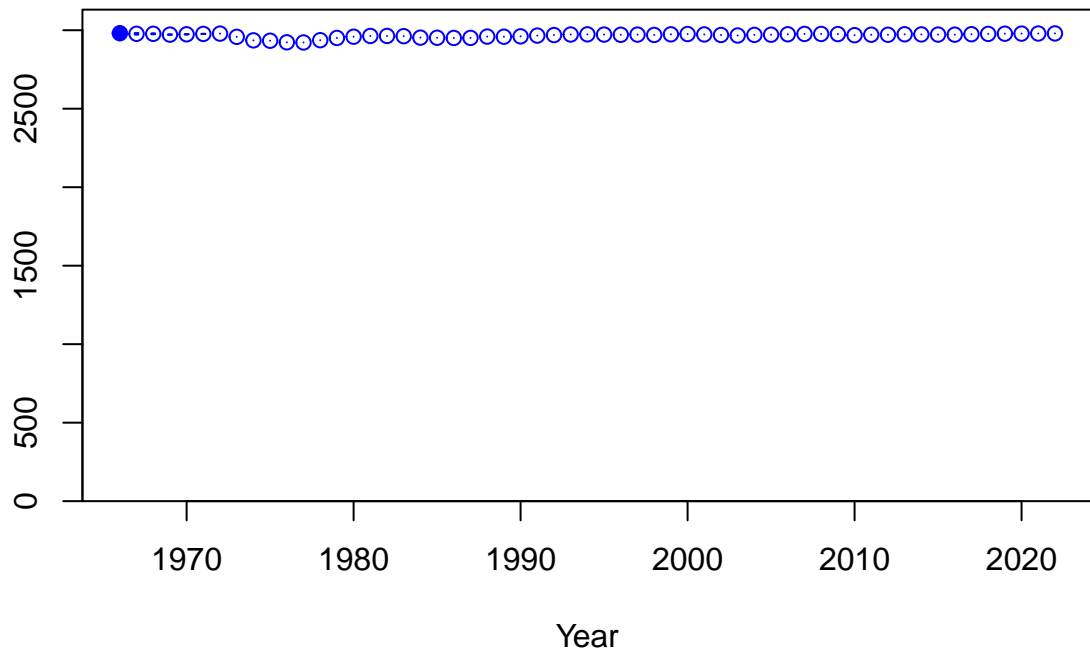
Summary biomass (mt)



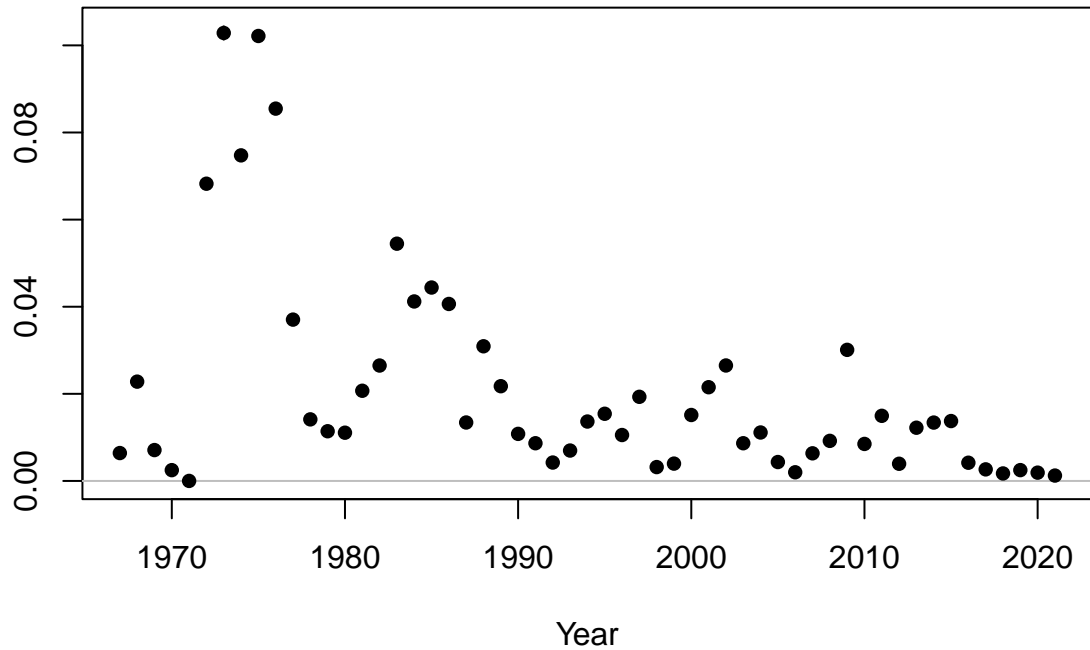
Age-0 recruits (1,000s)

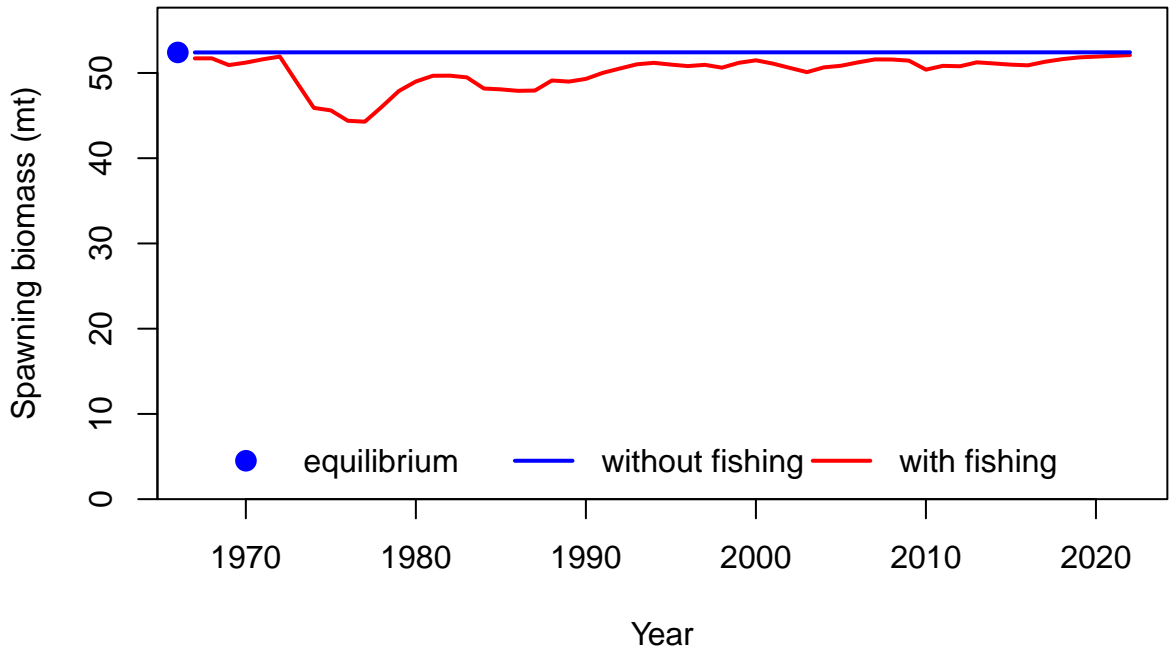


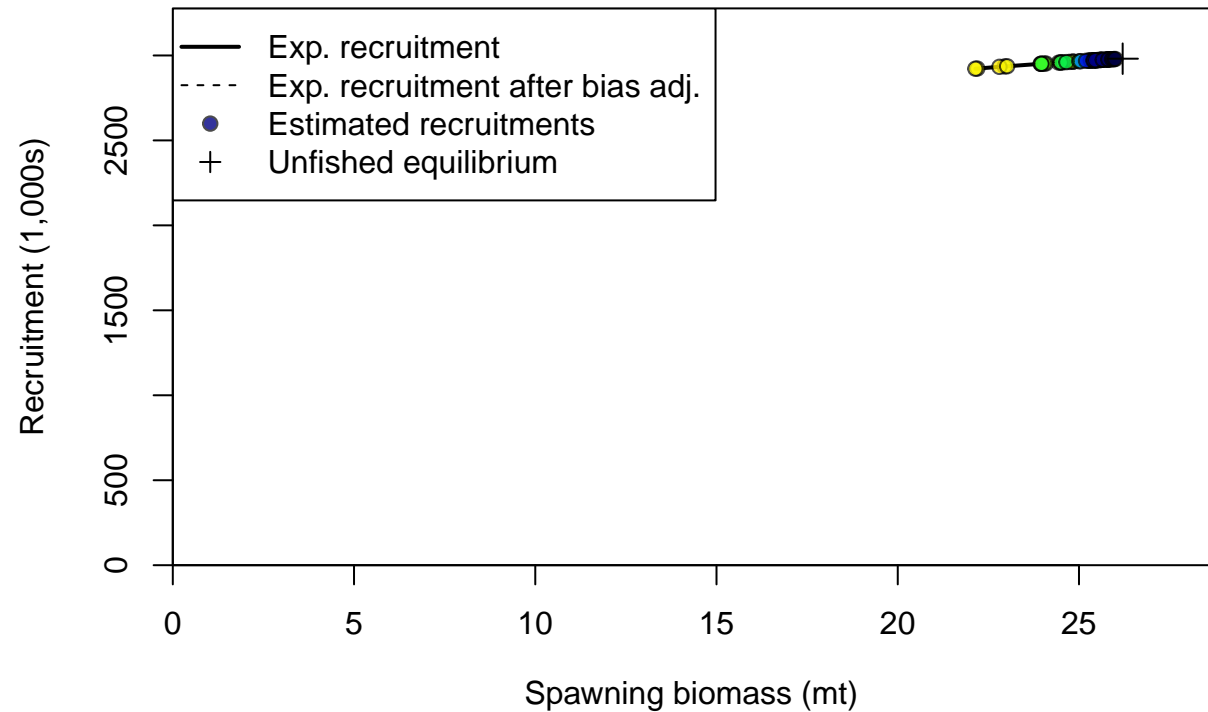
Age-0 recruits (1,000s)



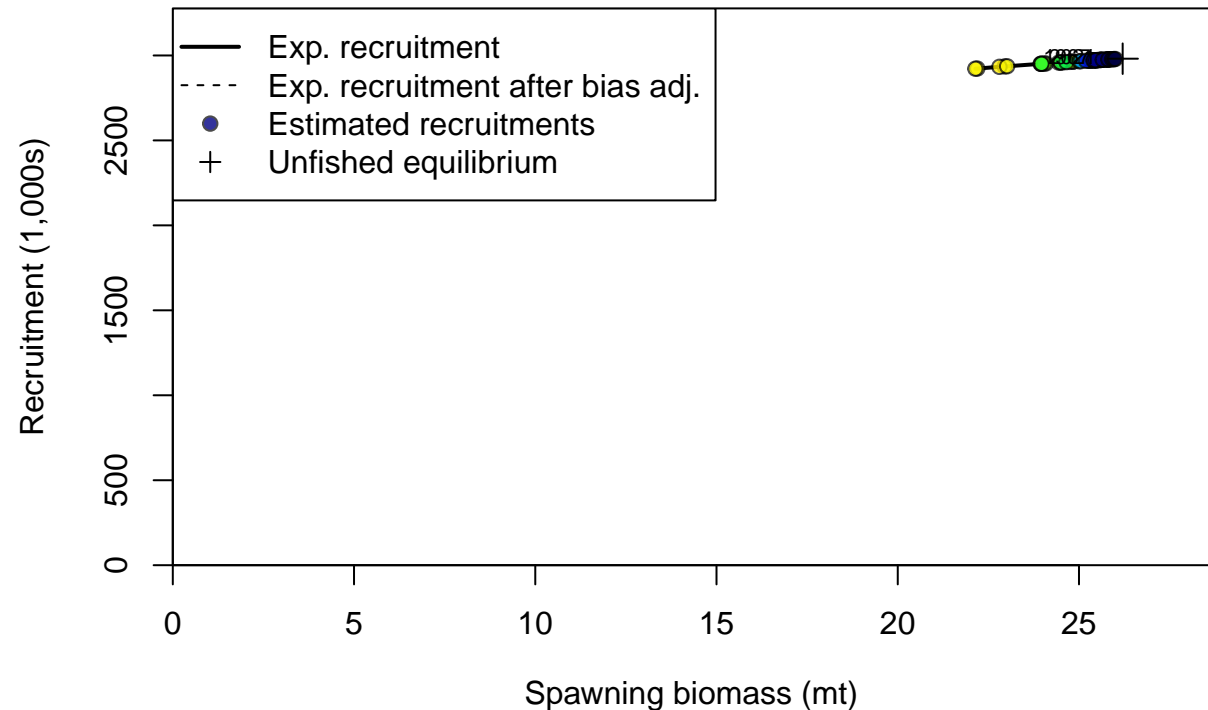
Summary Fishing Mortality

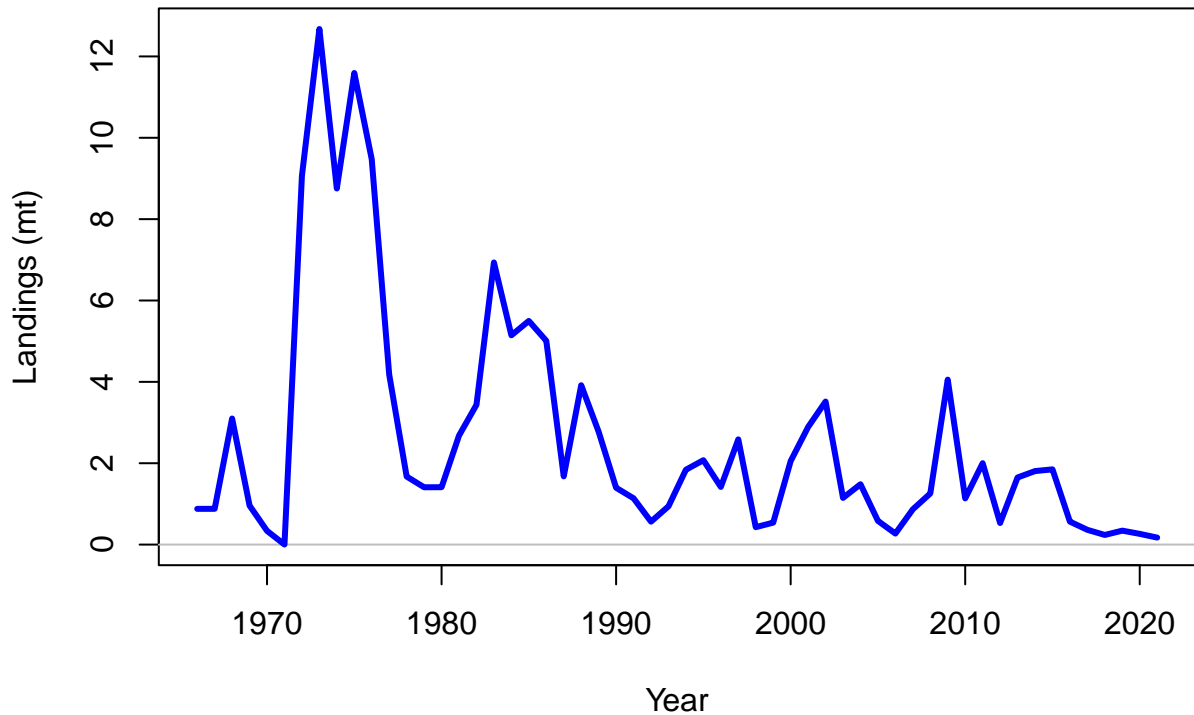


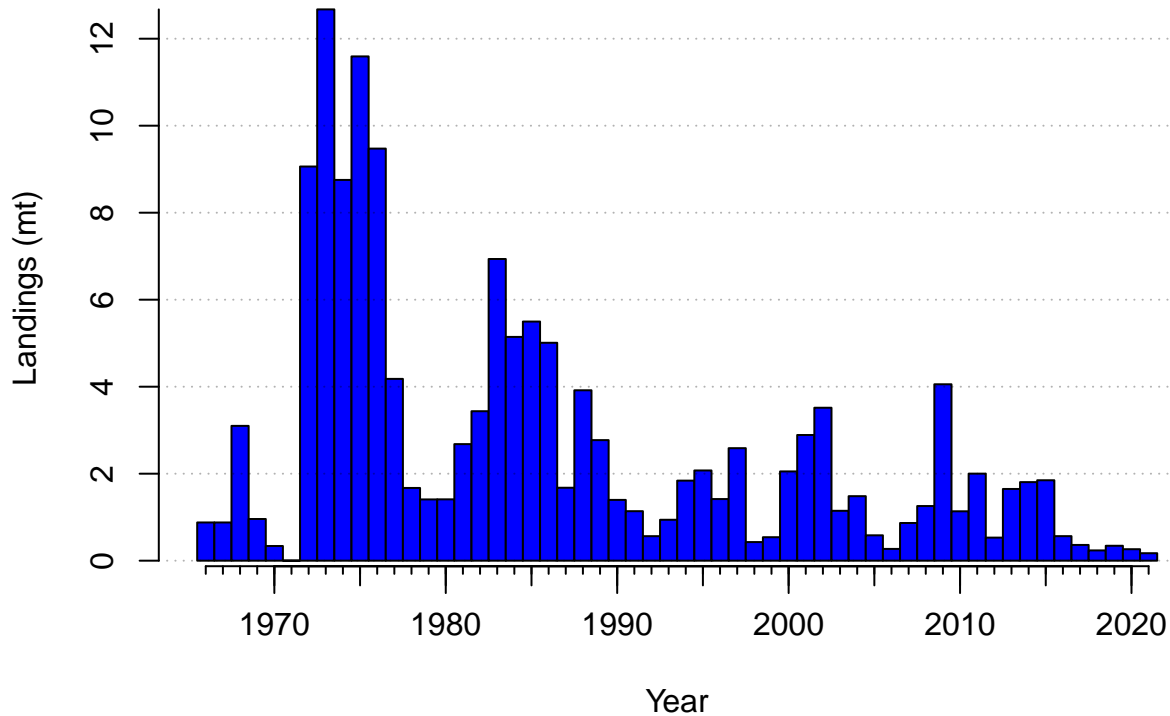


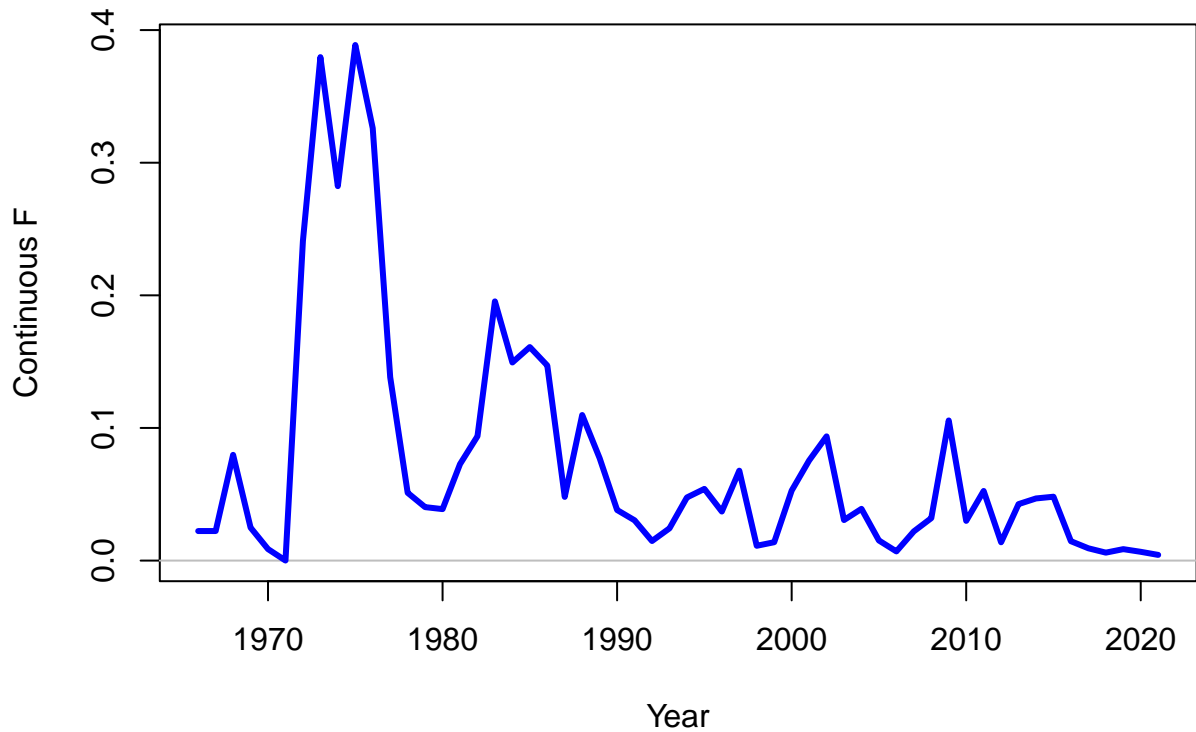




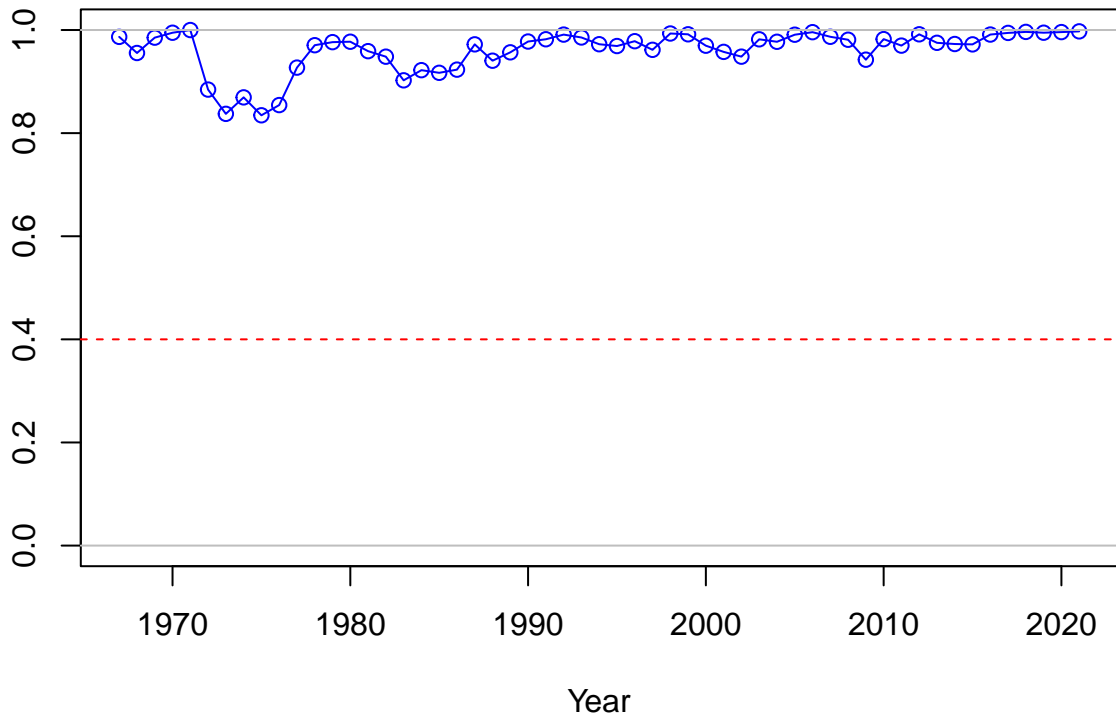




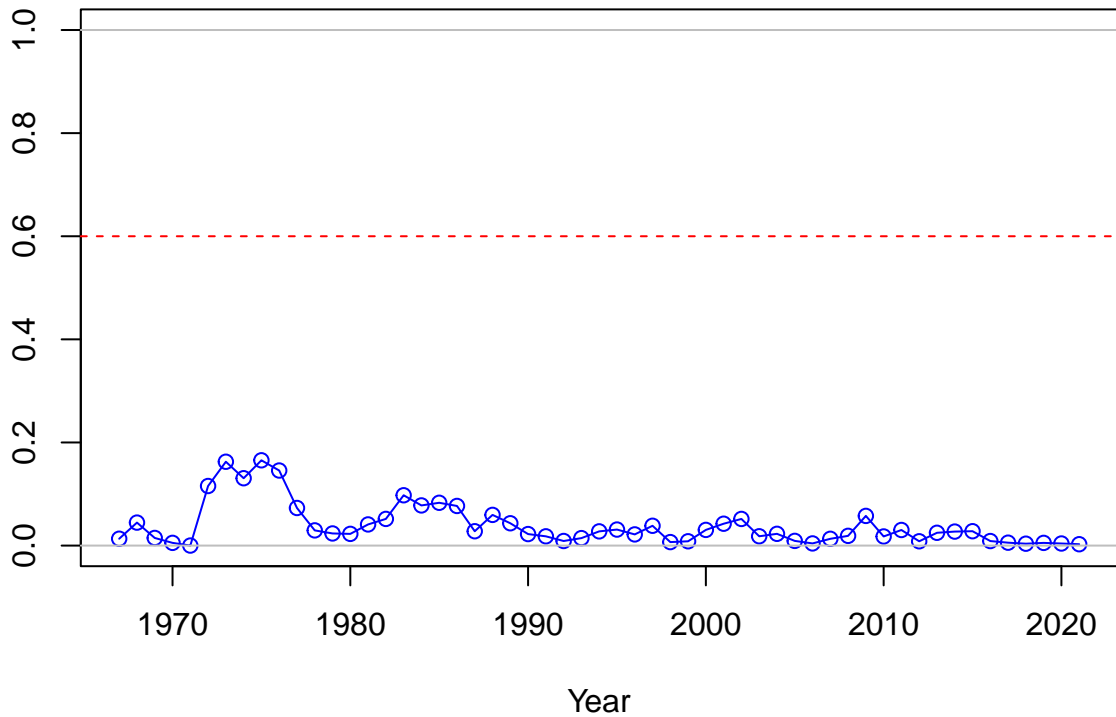




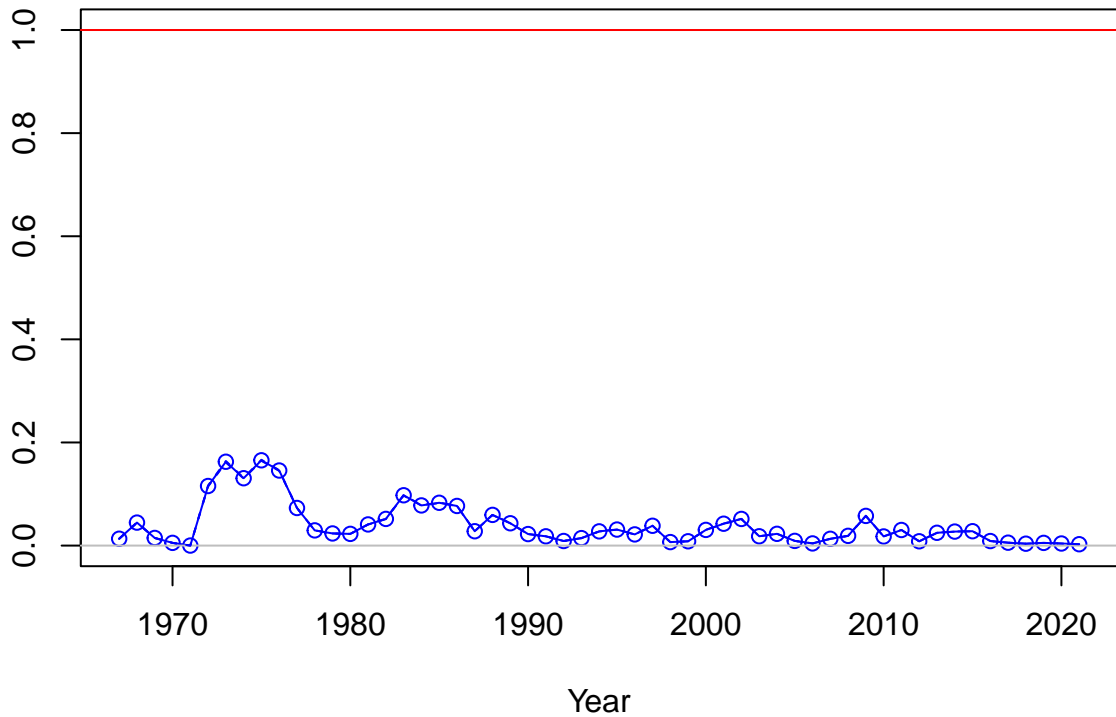
SPR



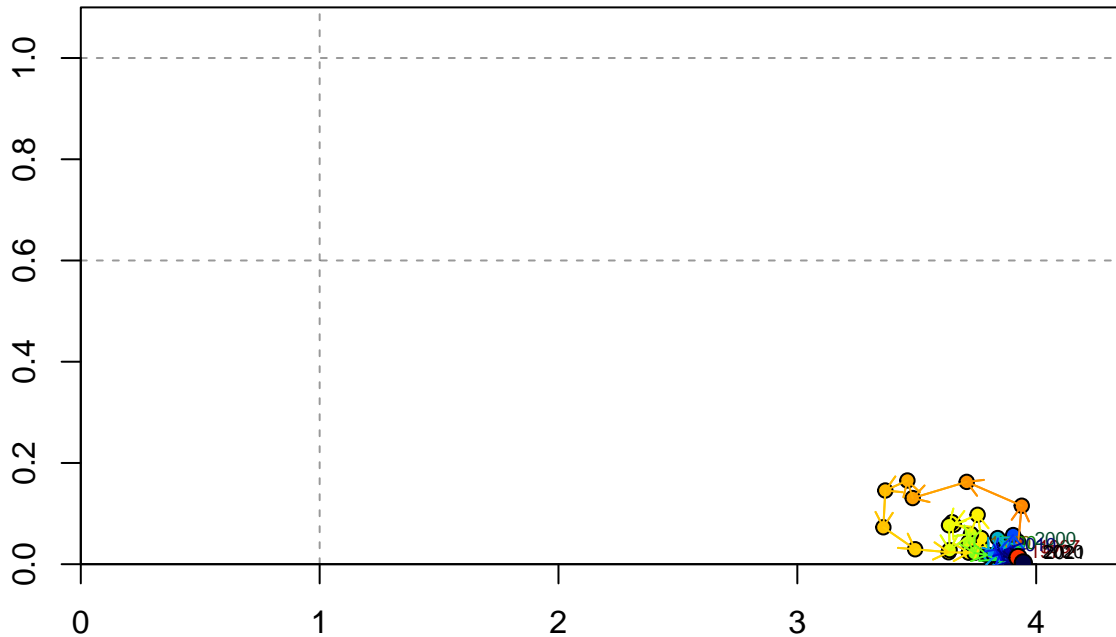
1-SPR



Fishing intensity: 1-SPR

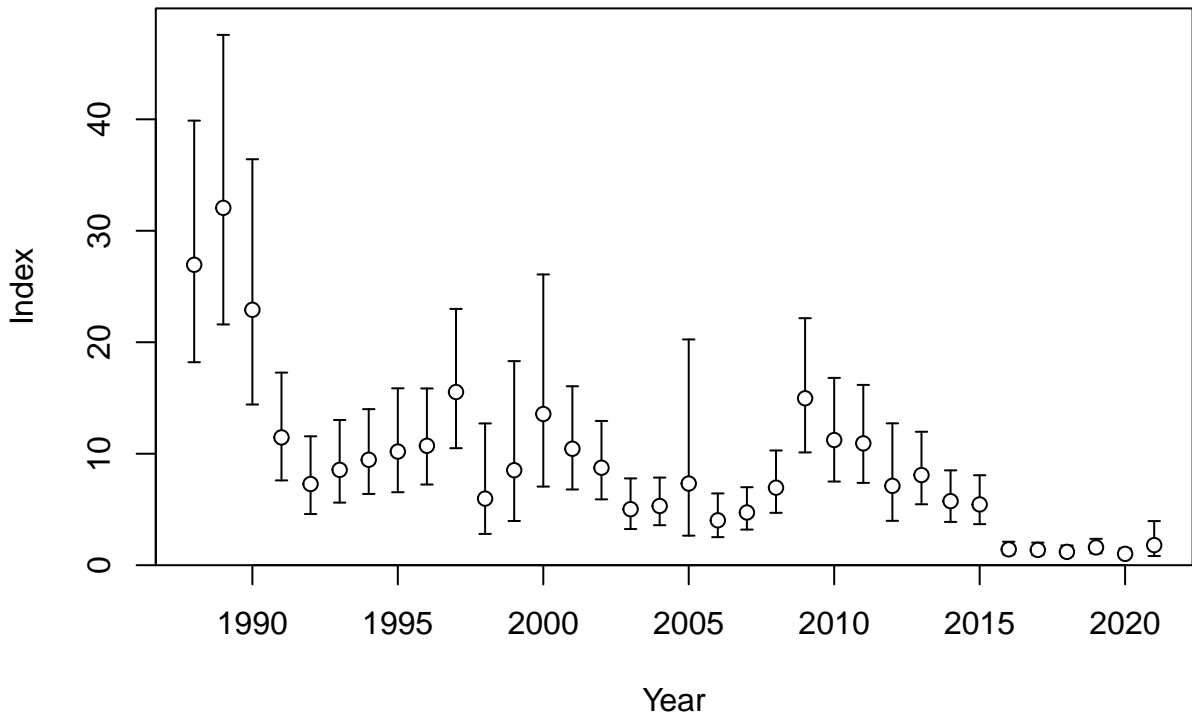


Fishing intensity: 1-SPR

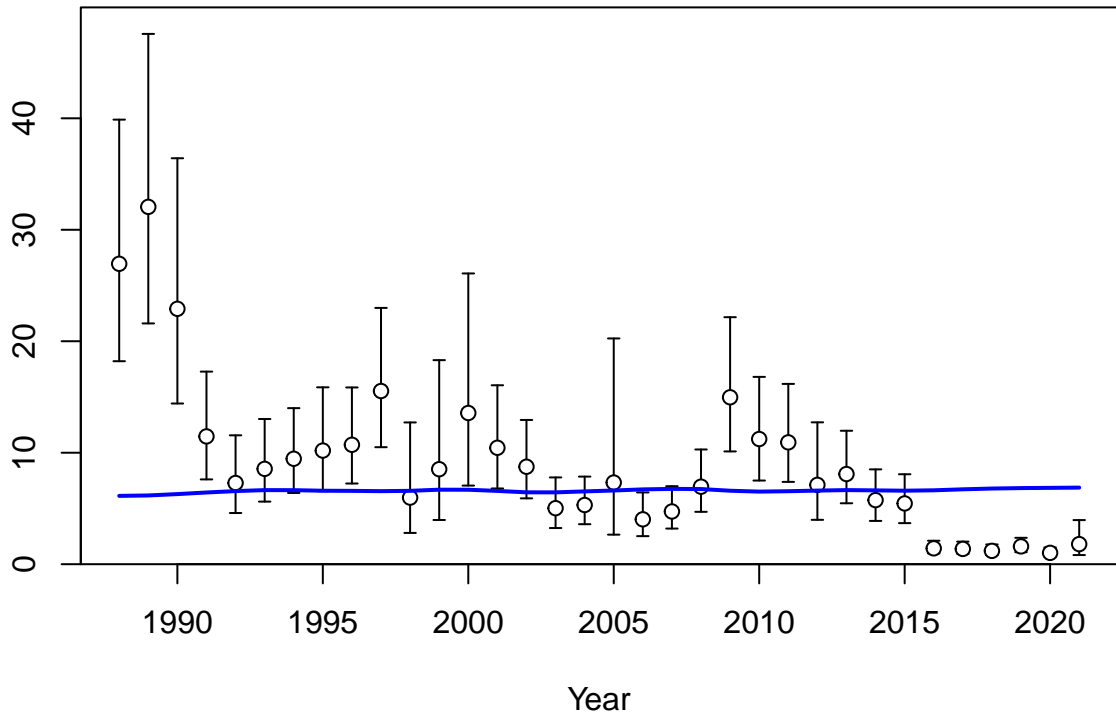


Relative spawning output:  $B/B_{MSY}$

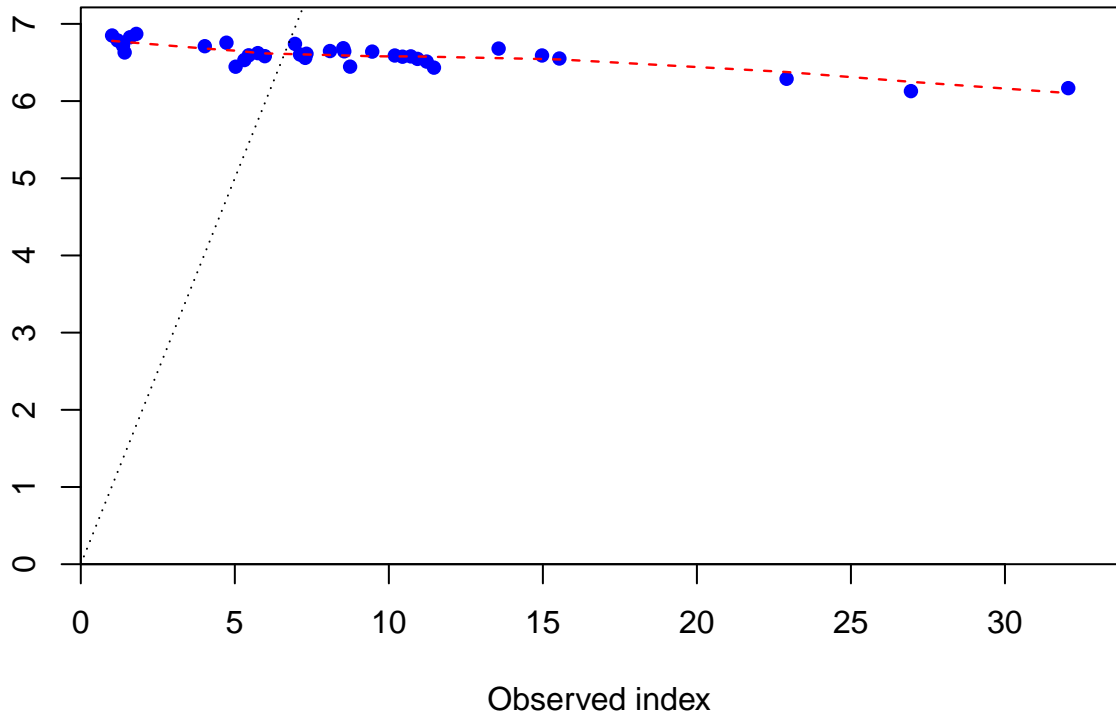




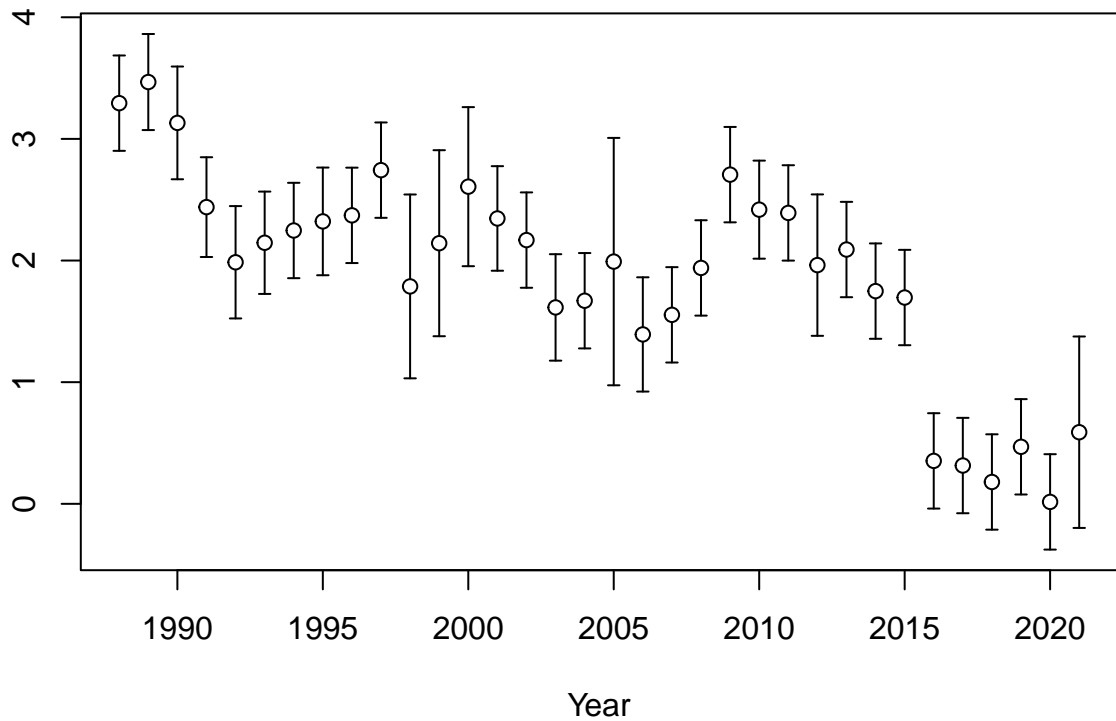
Index



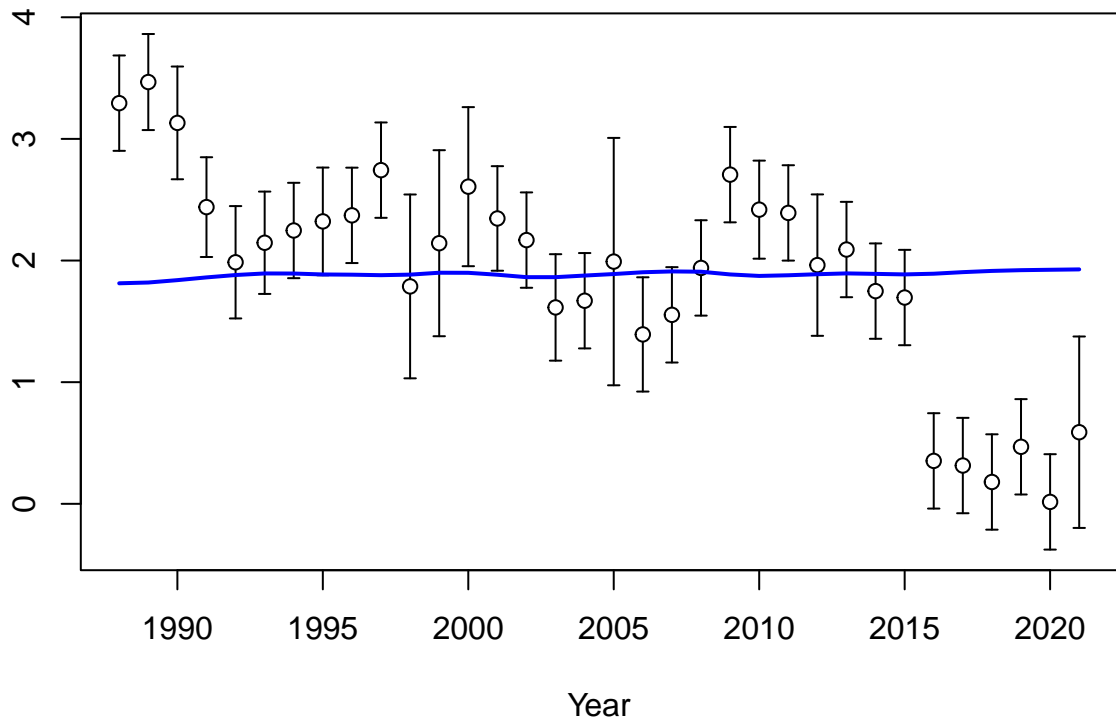
Expected index

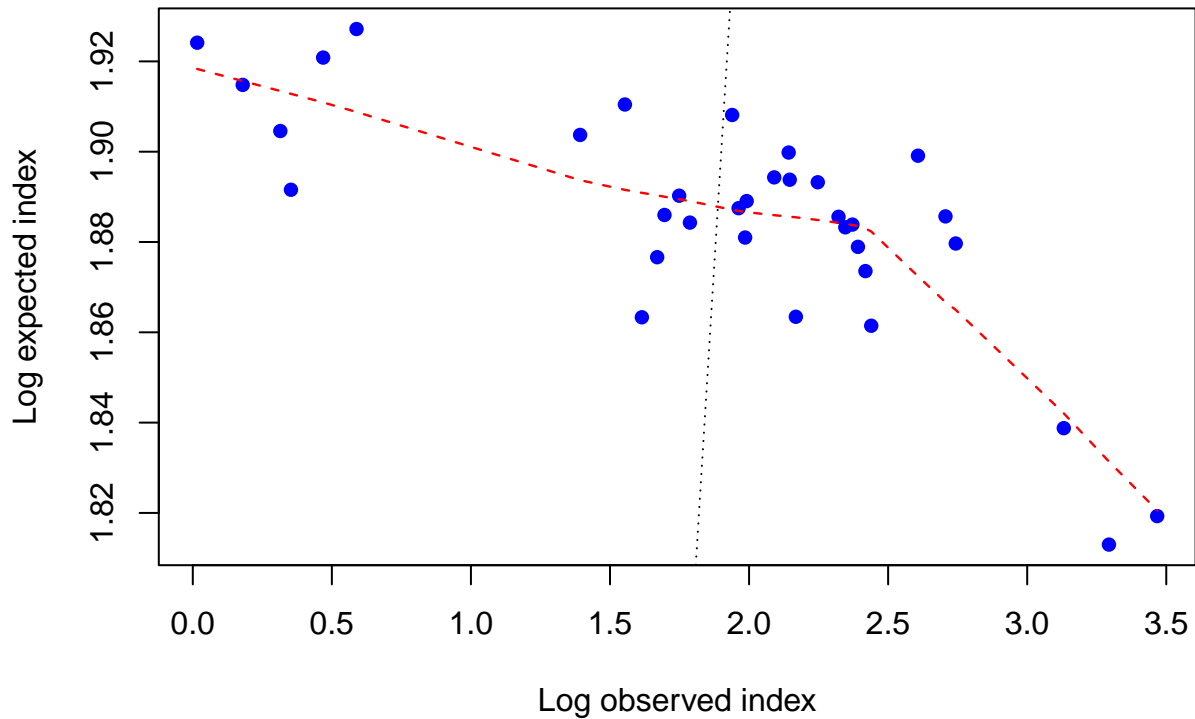


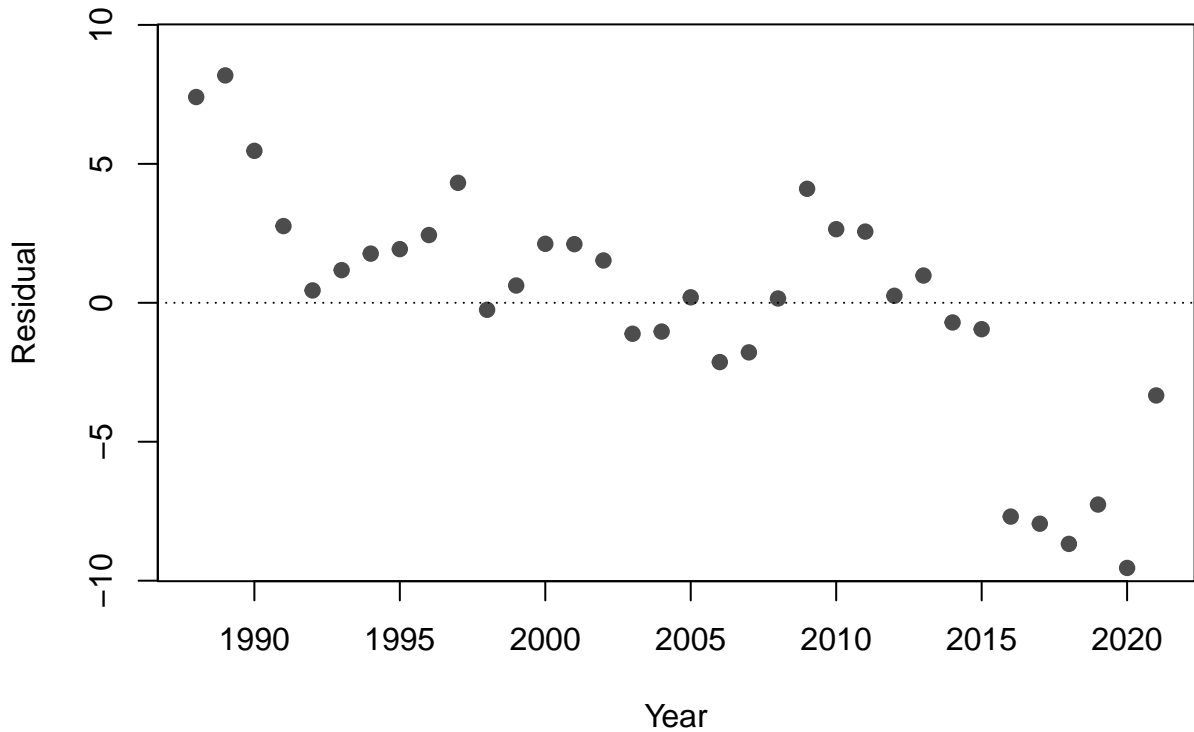
Log index



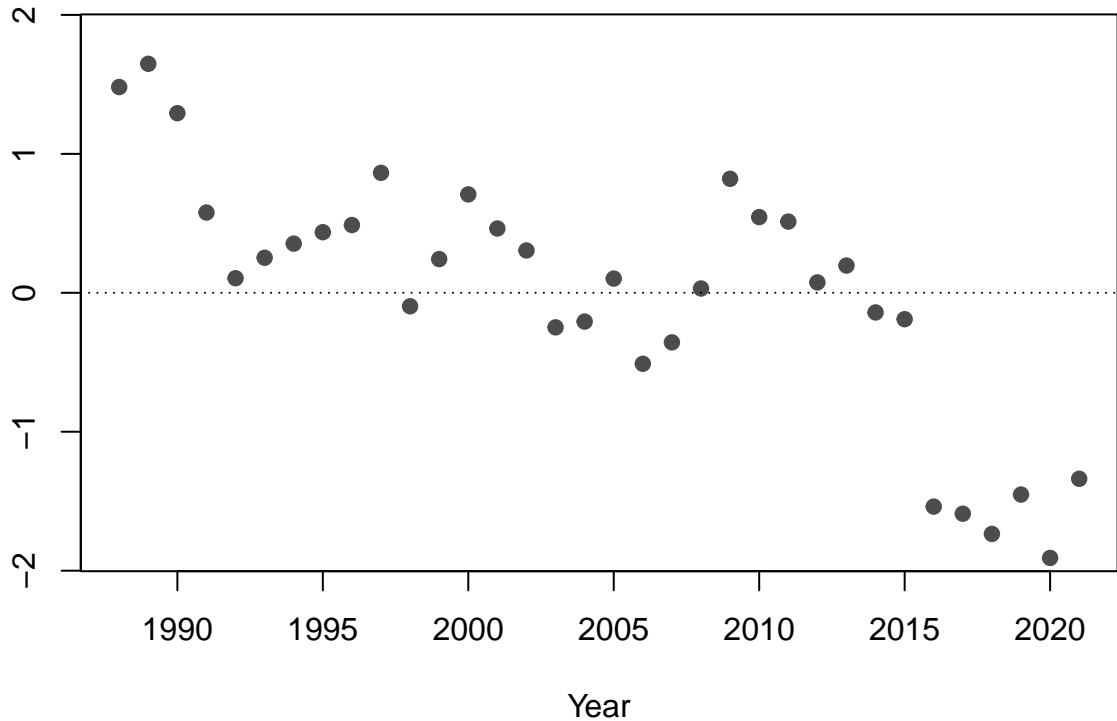
Log index



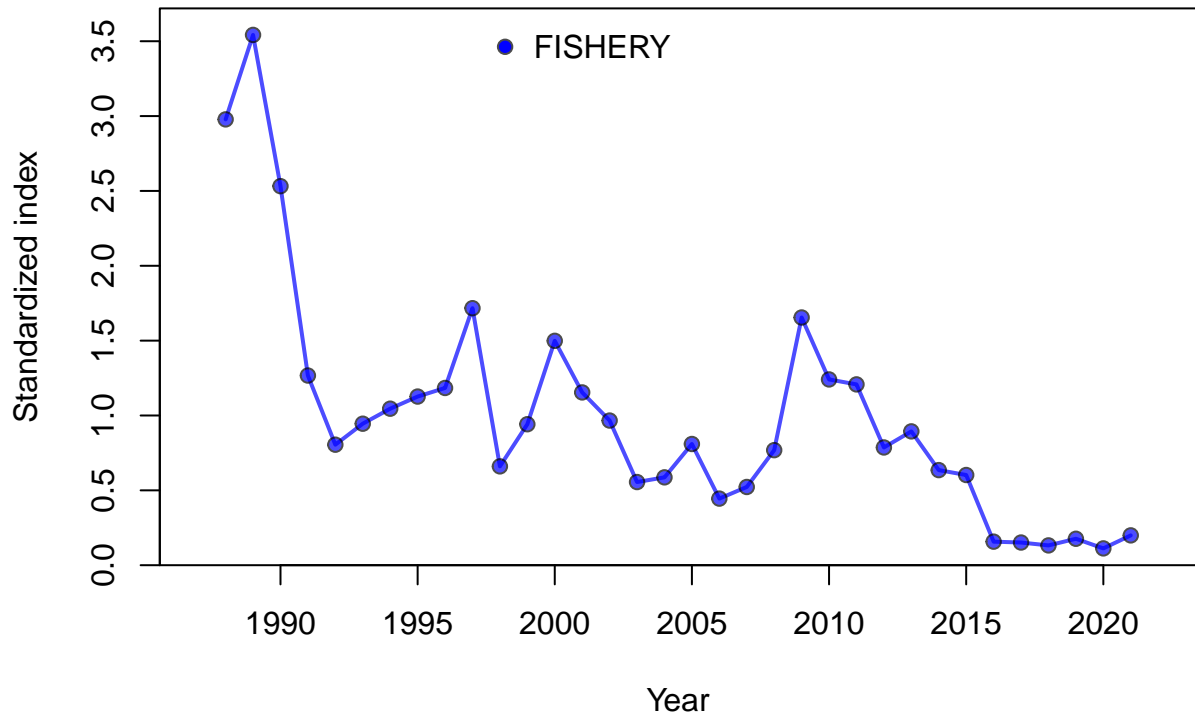


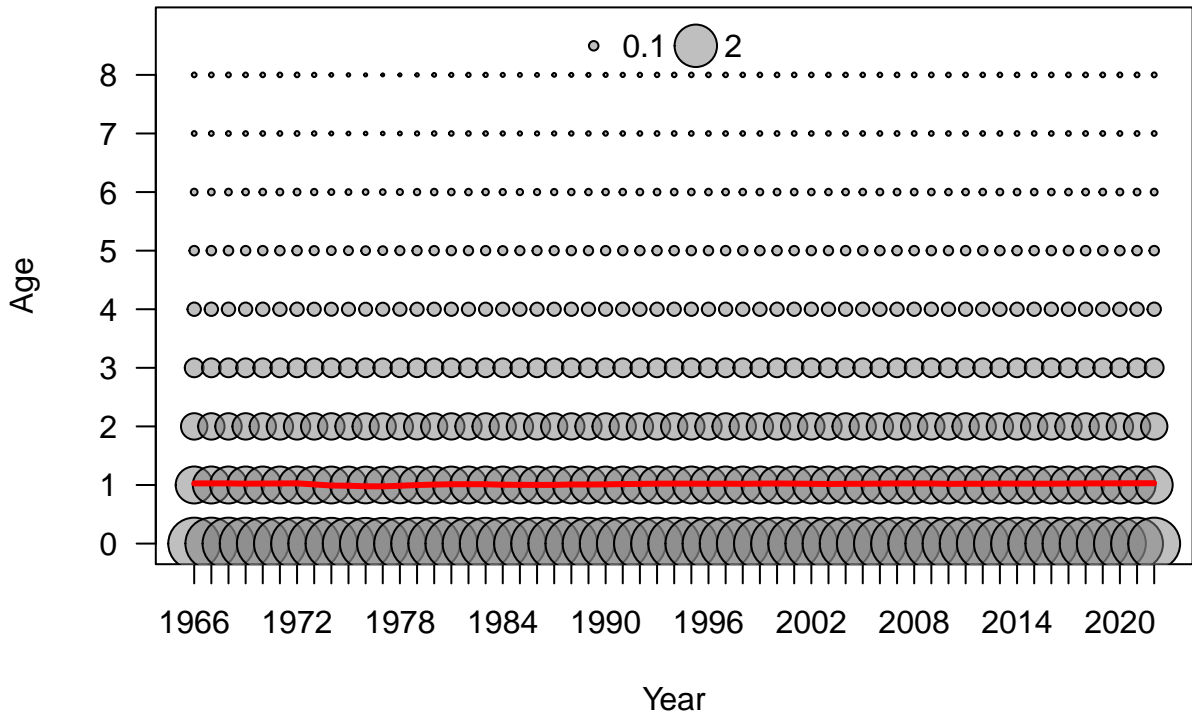


Deviation

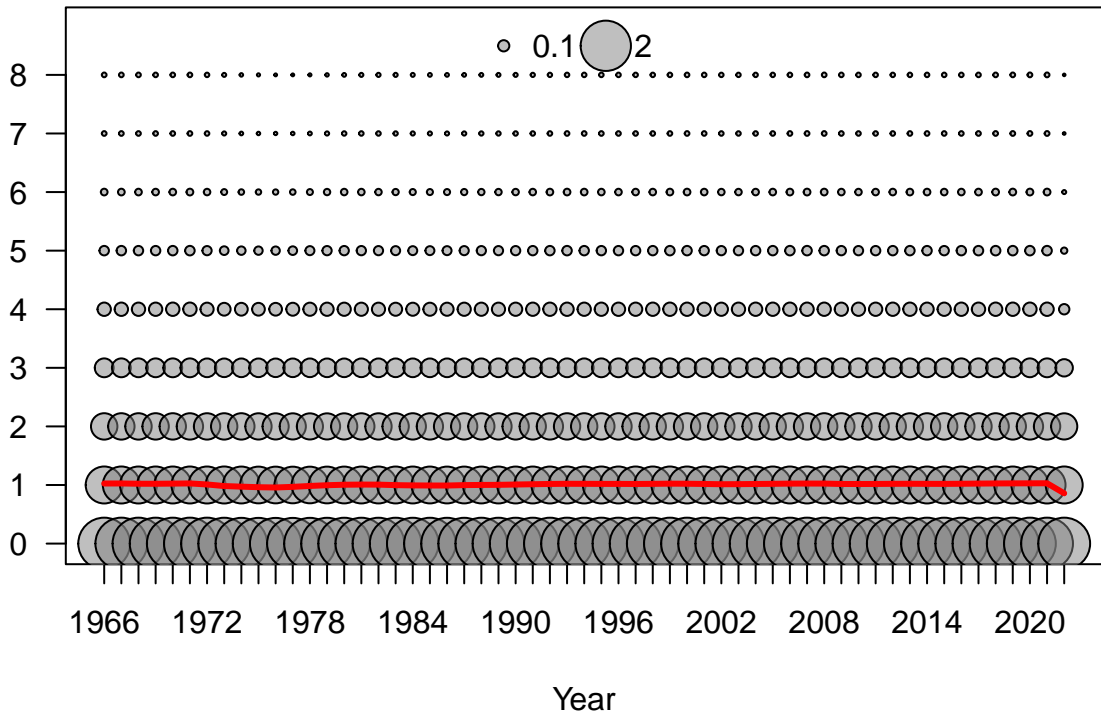


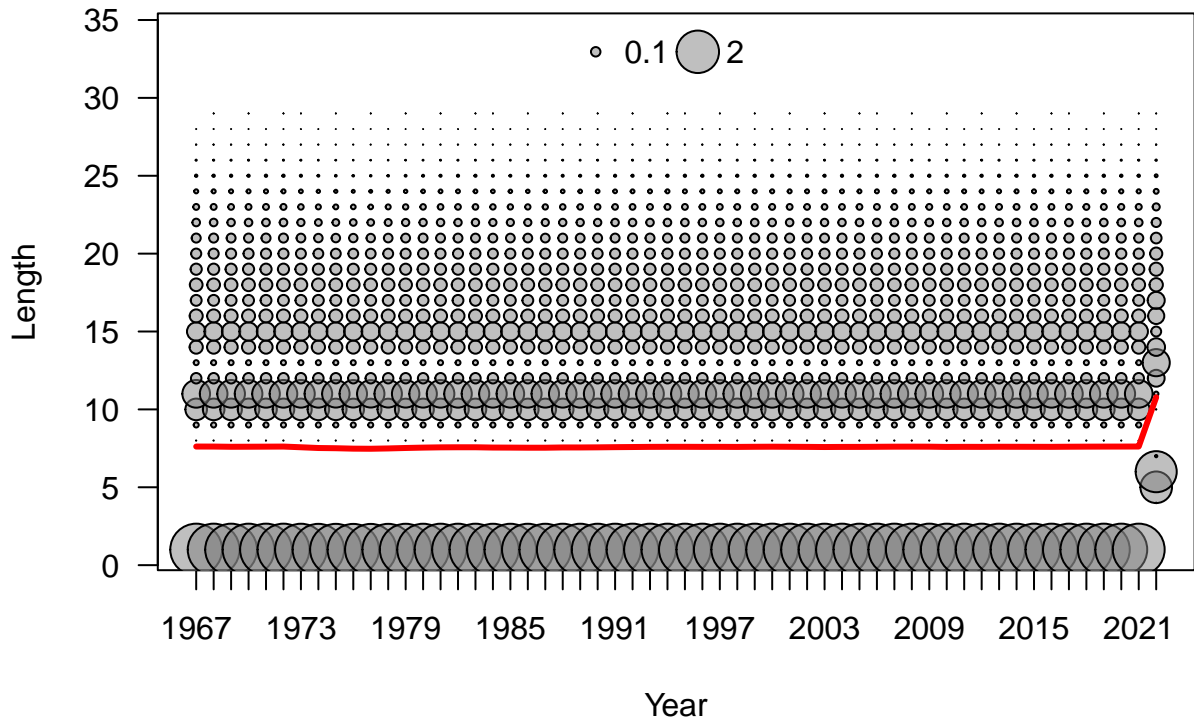


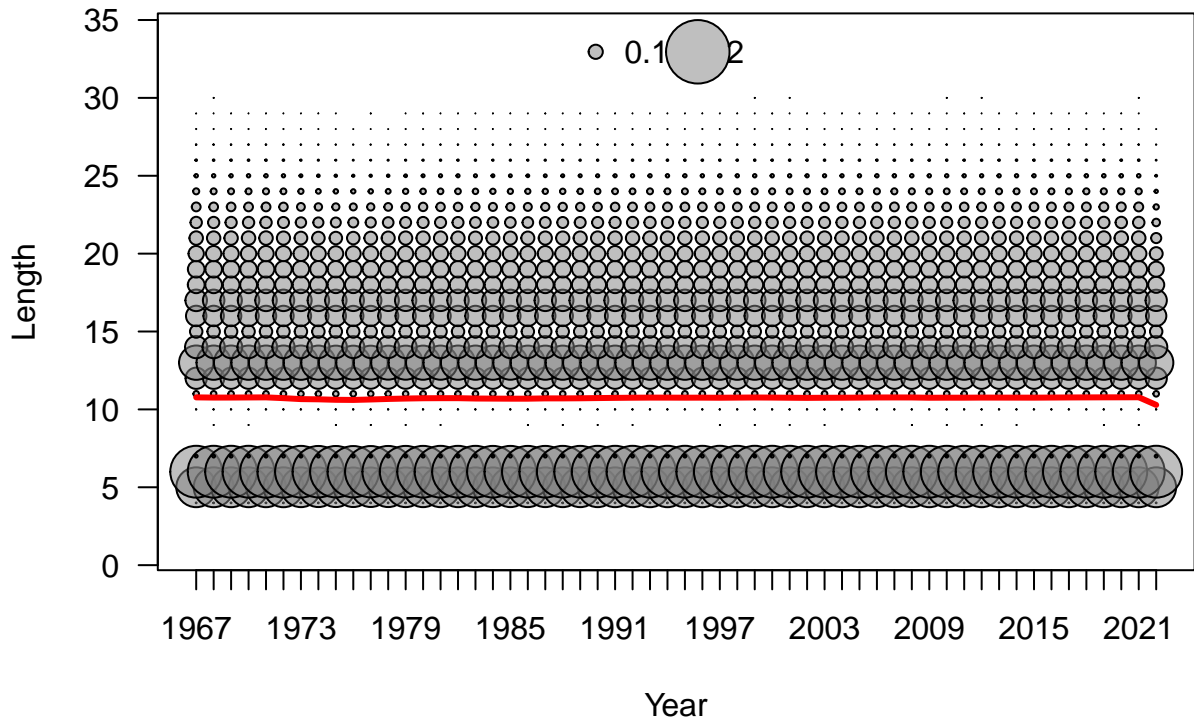


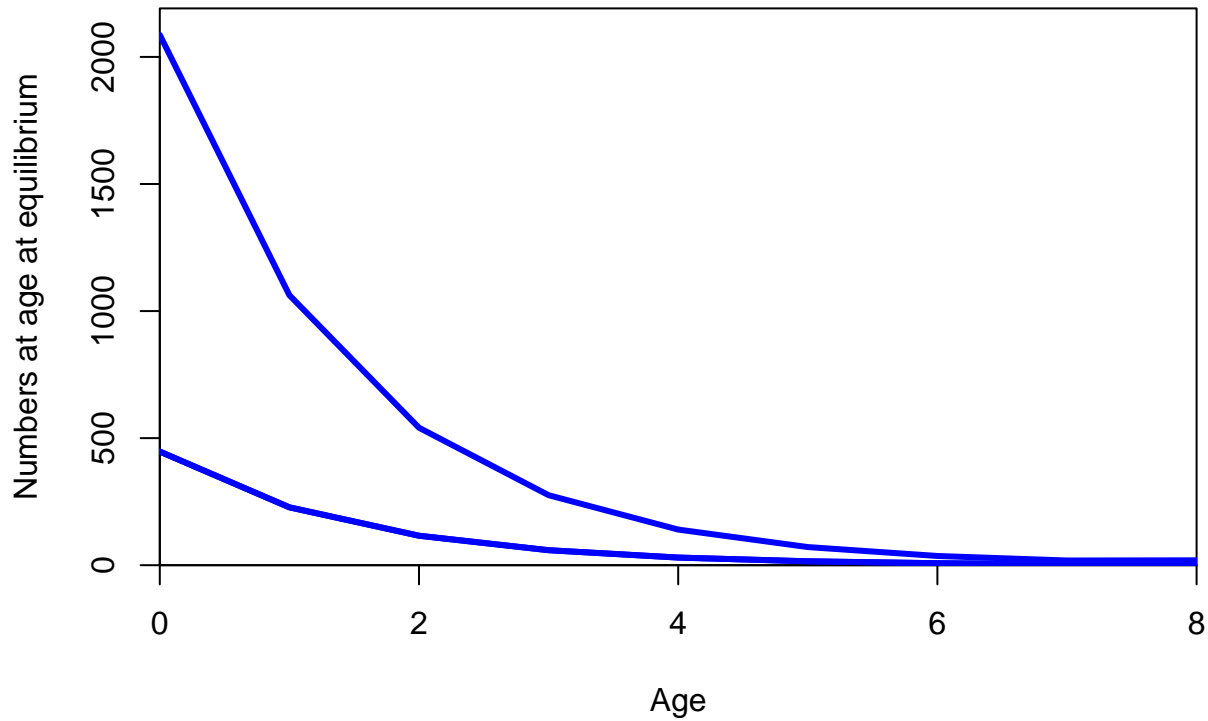


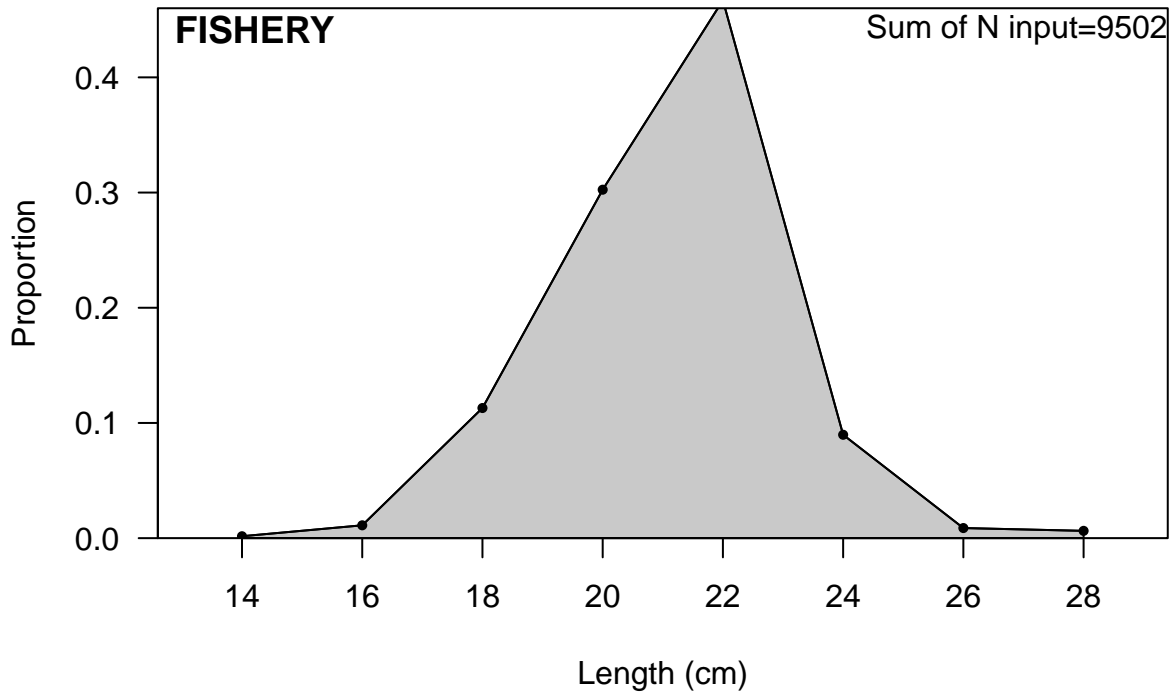
Age

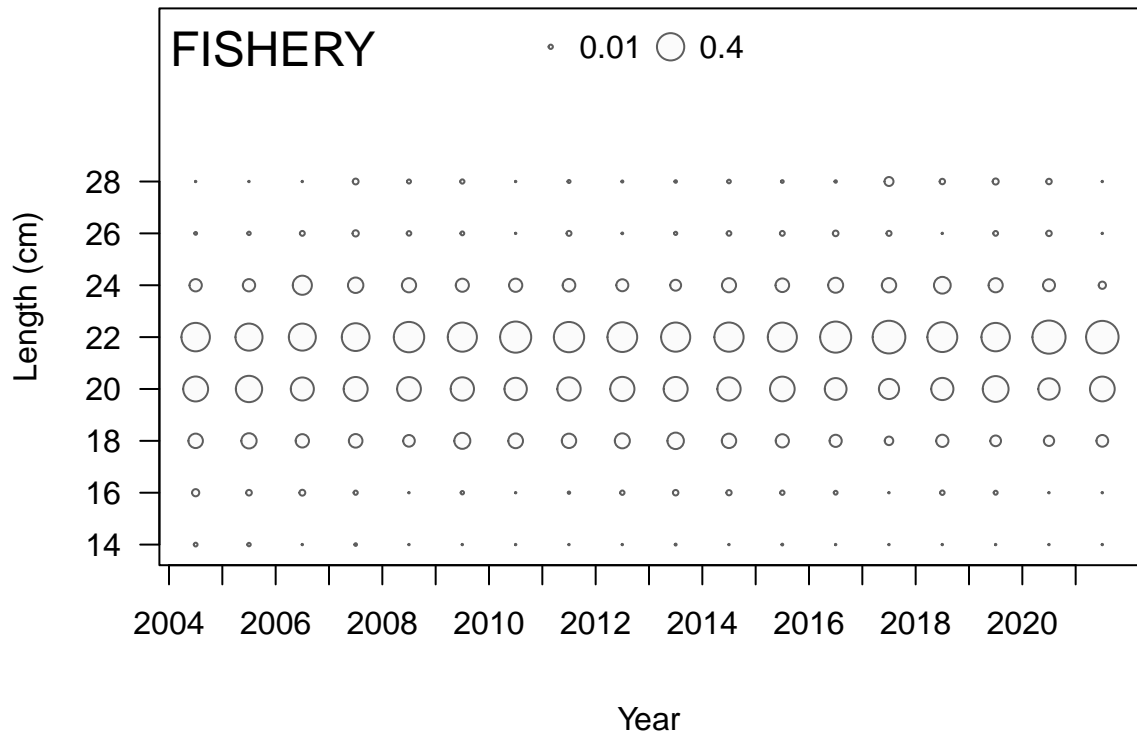






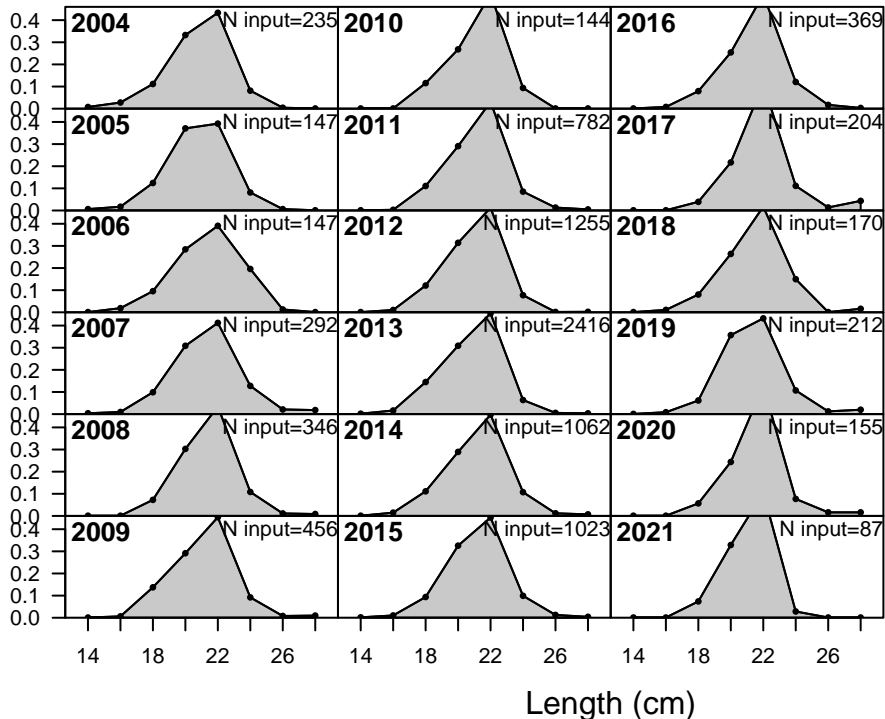


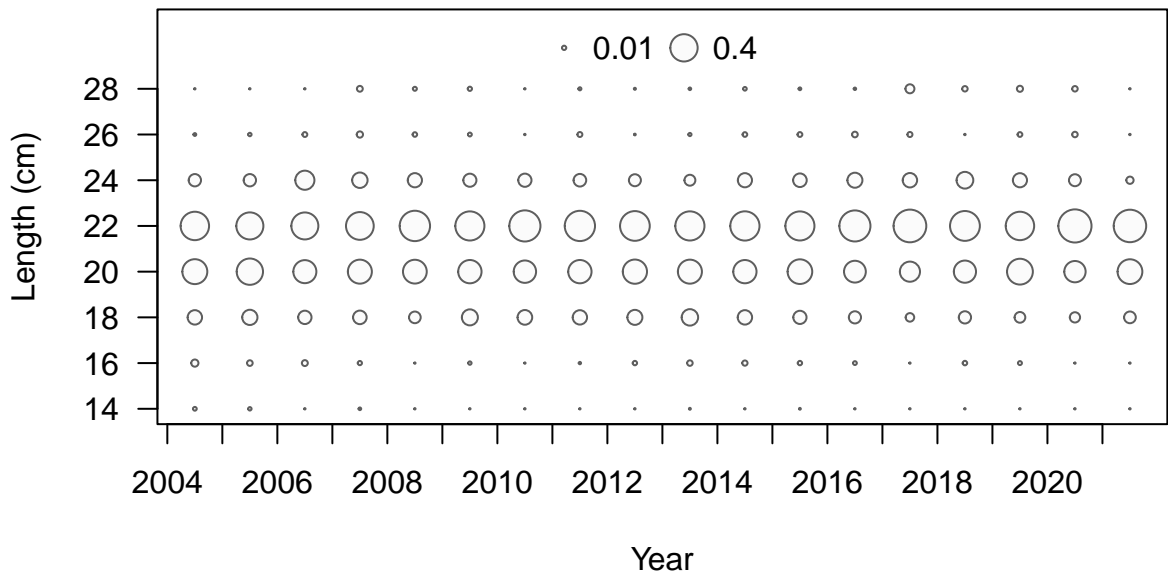




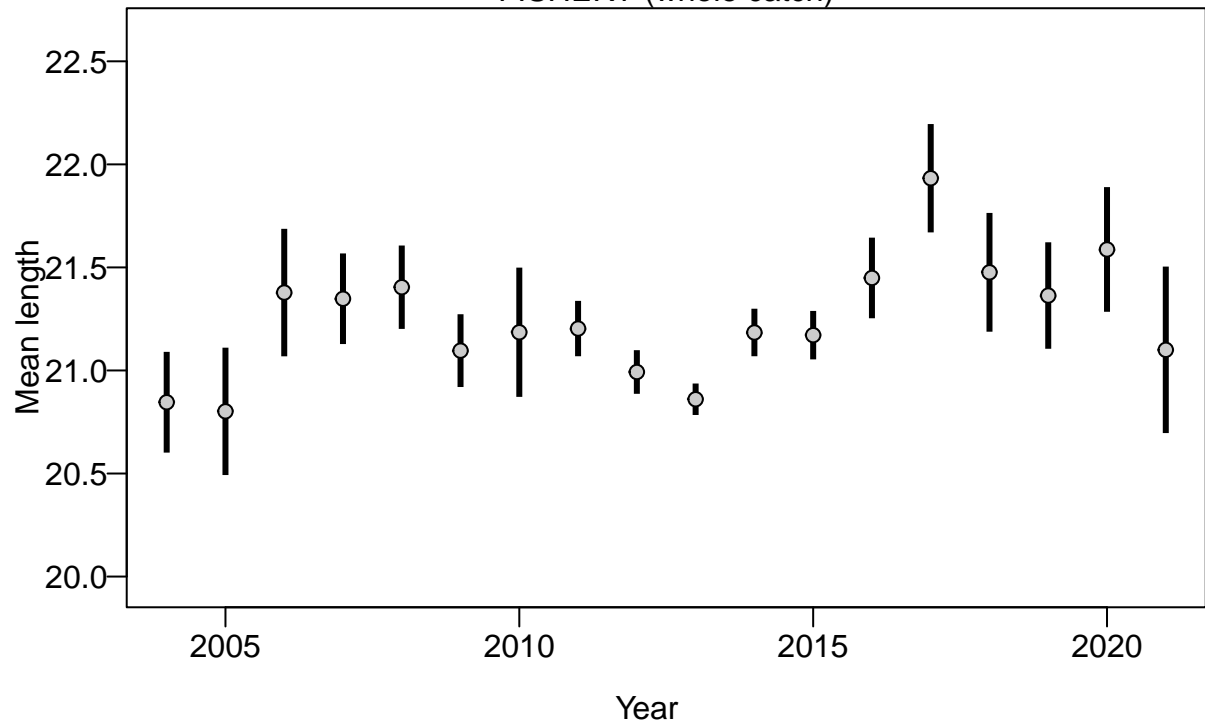


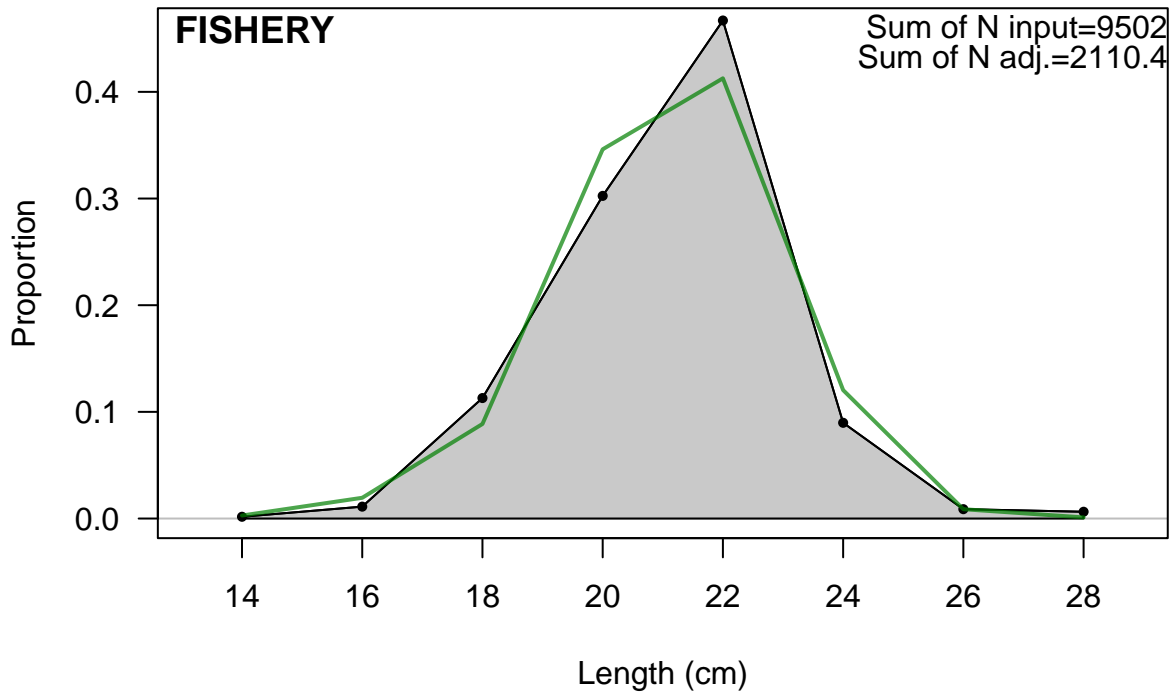
Proportion

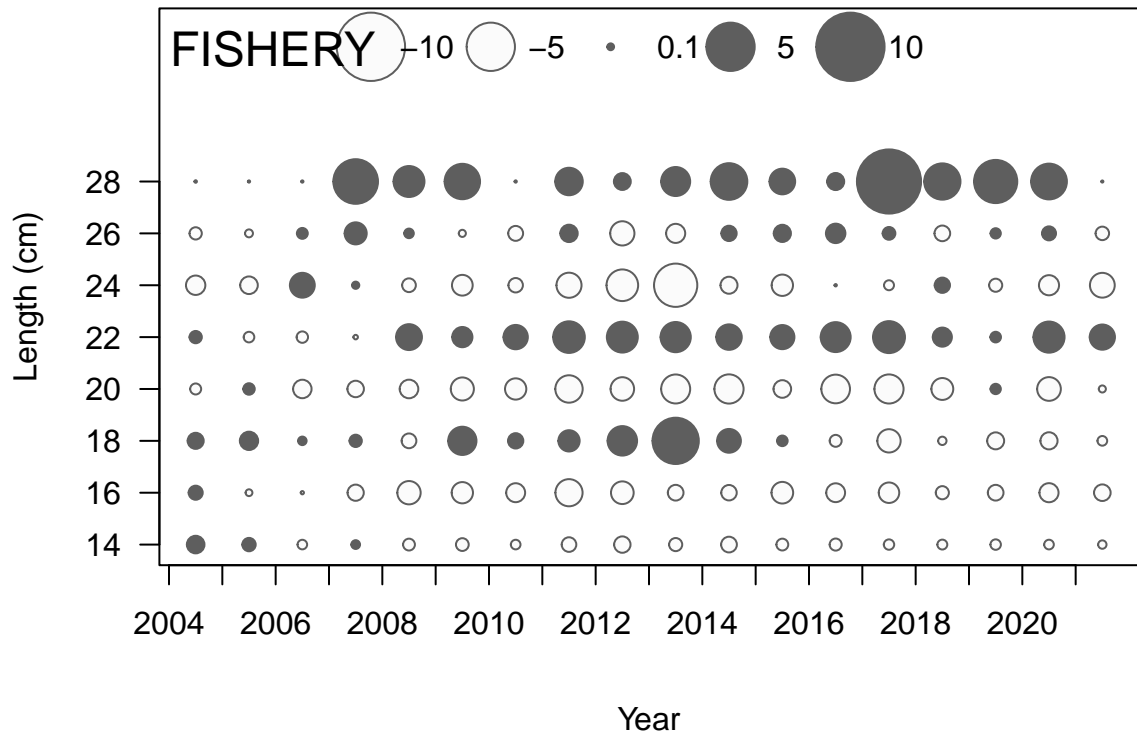


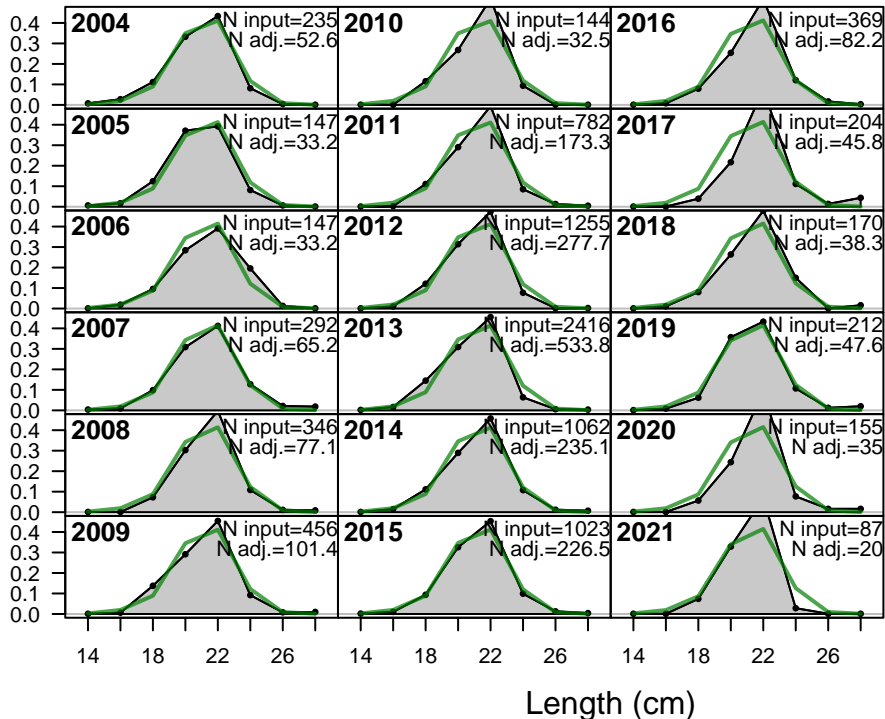


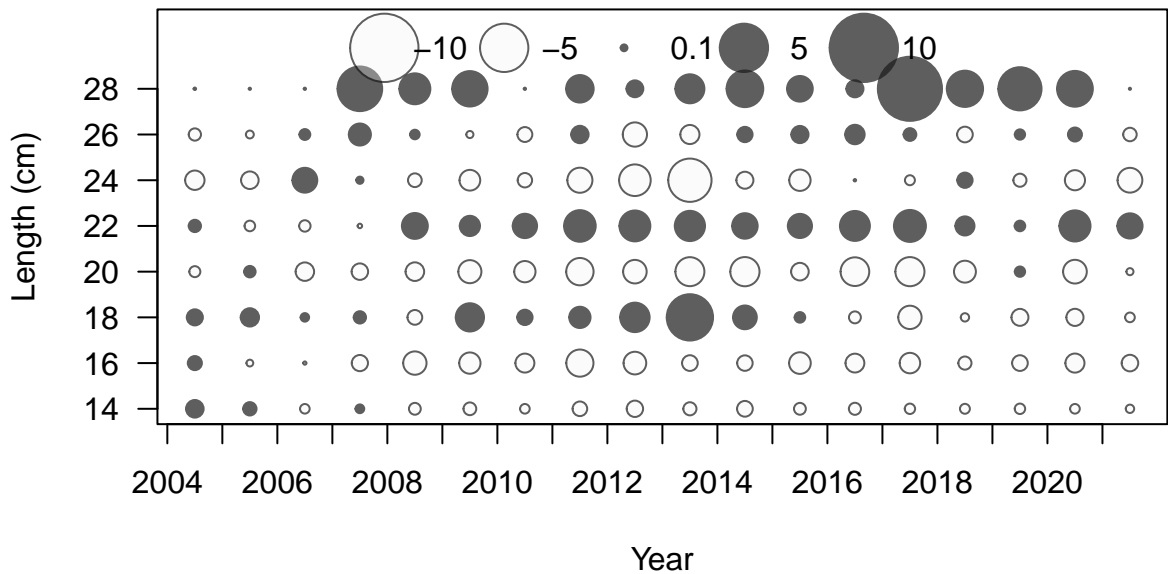
FISHERY (whole catch)



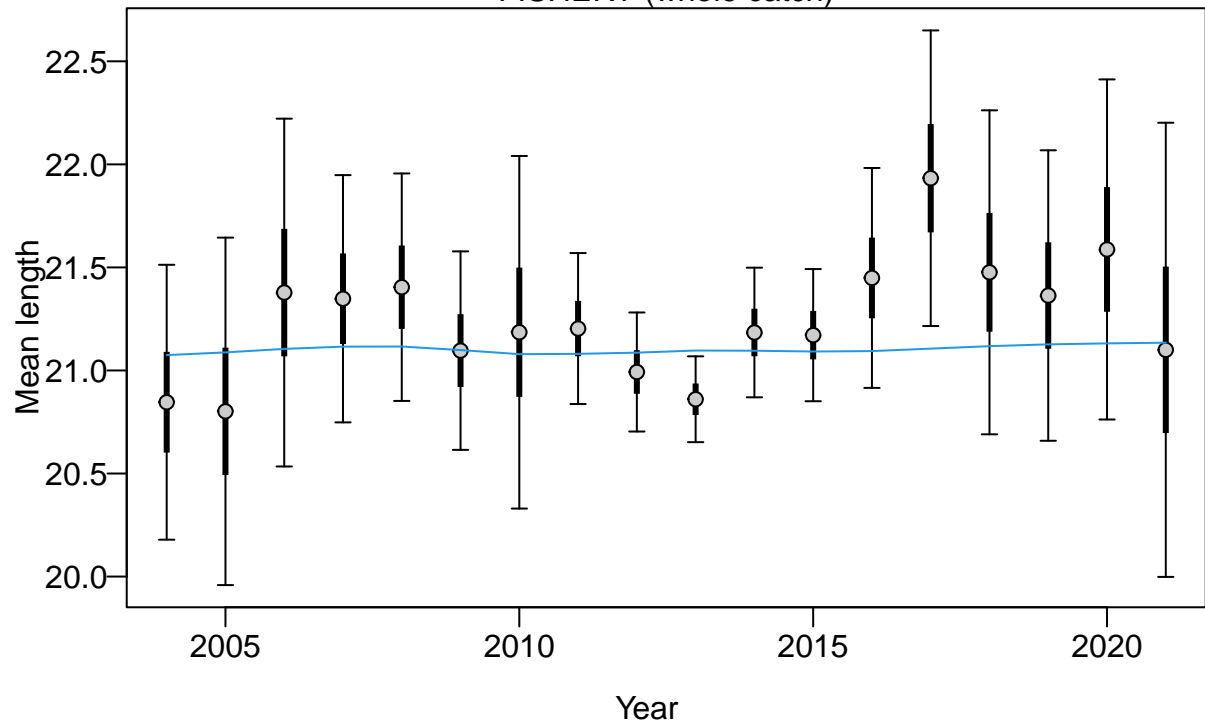




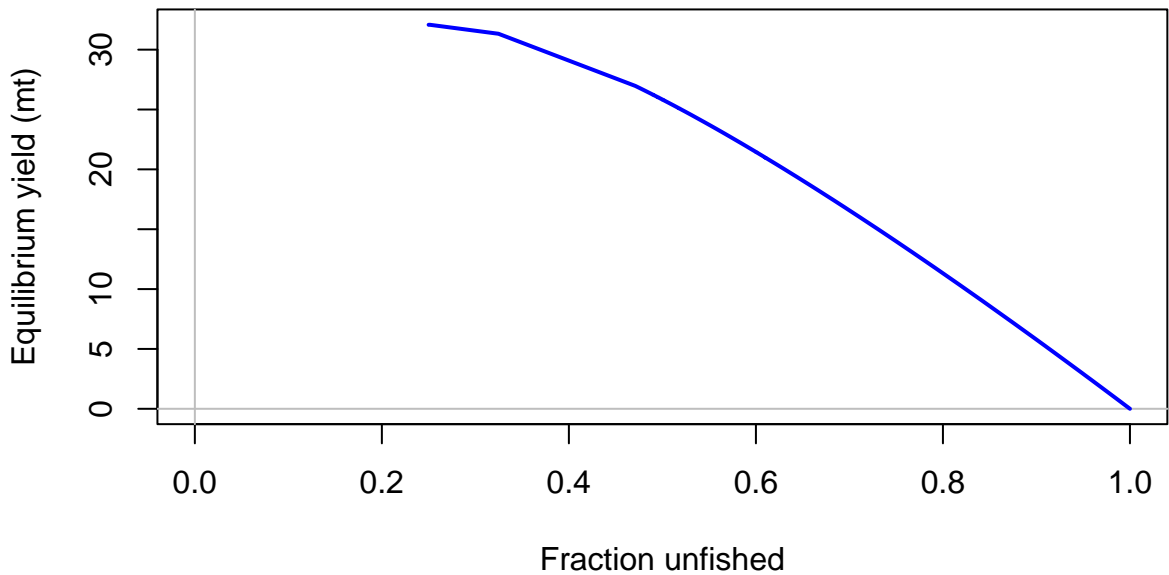


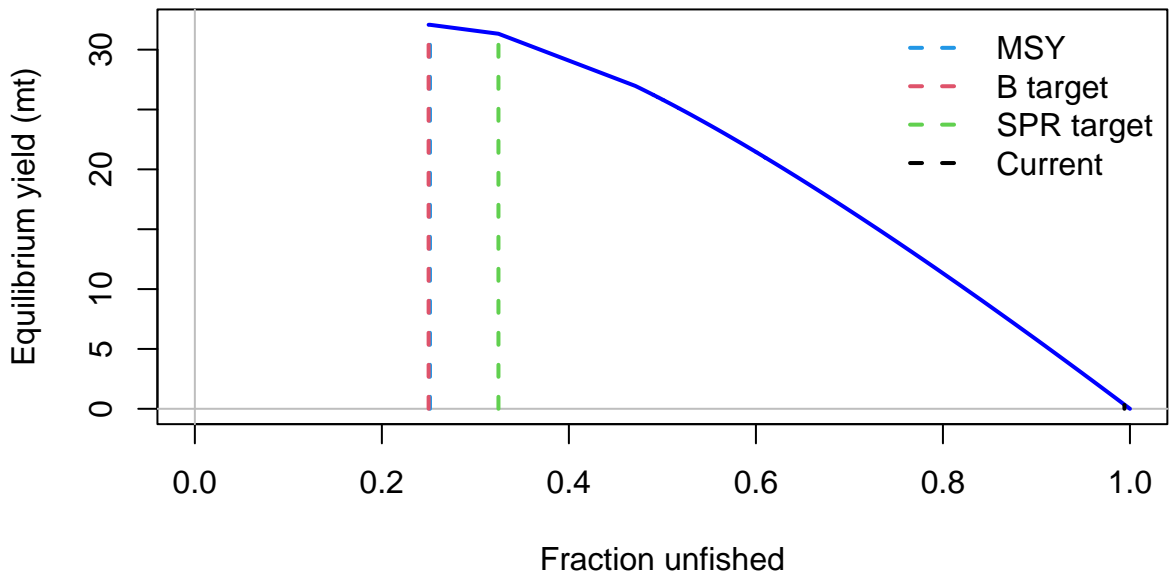


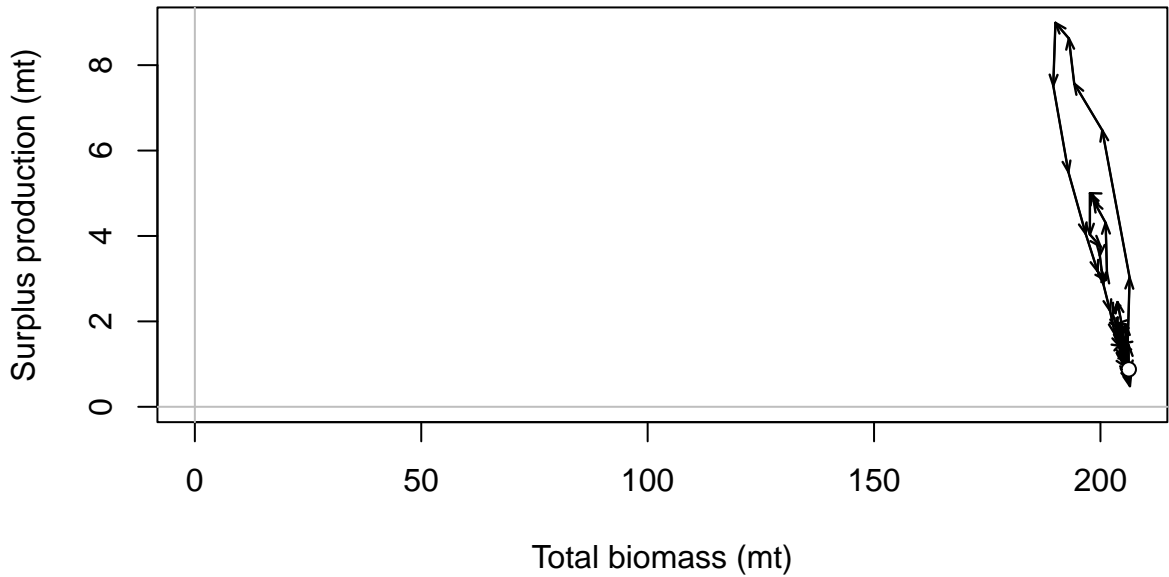
## FISHERY (whole catch)

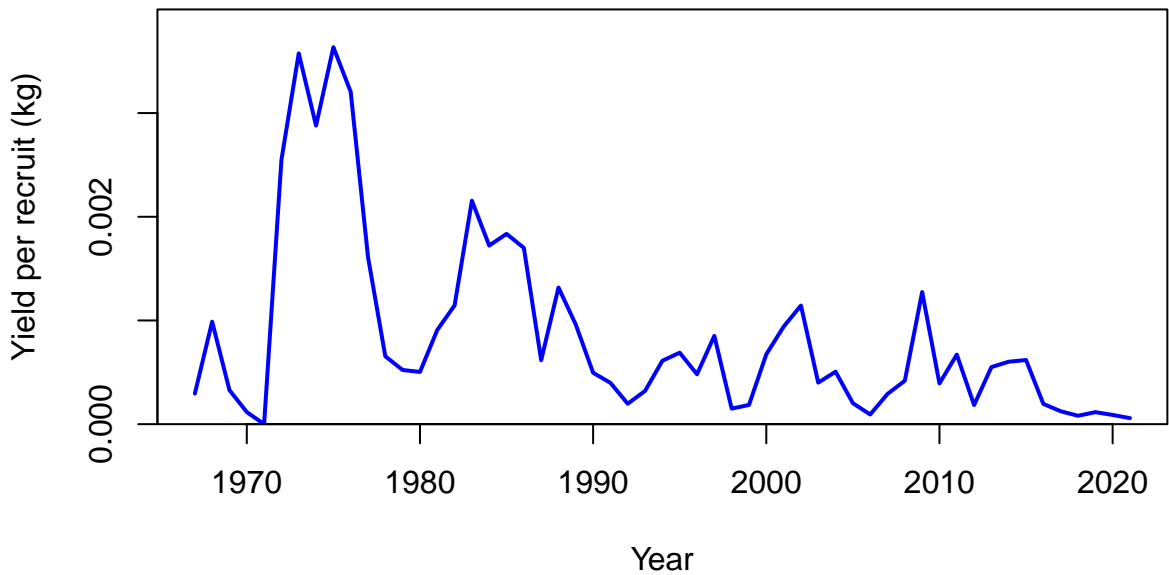


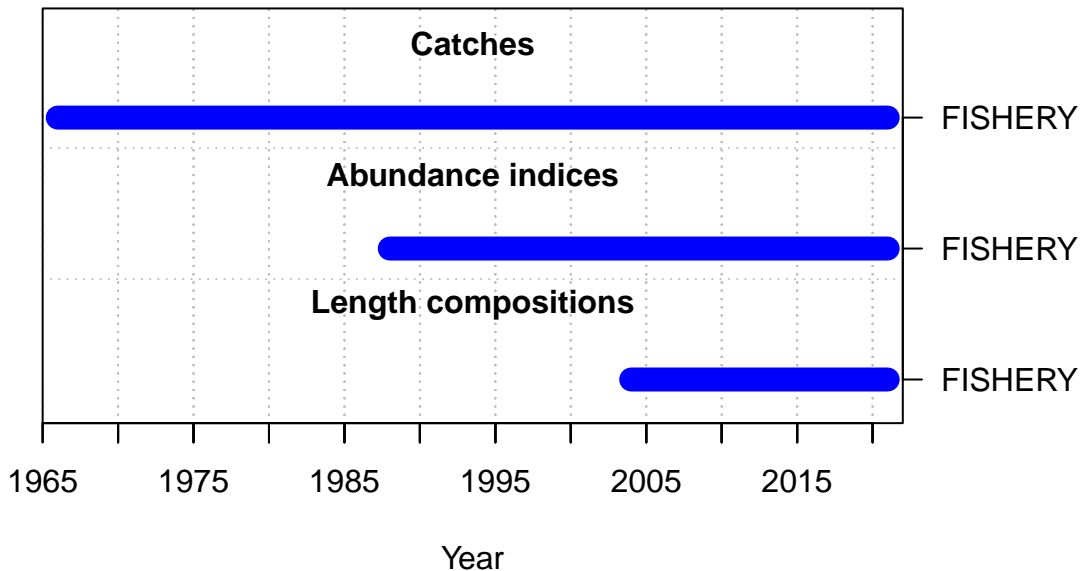


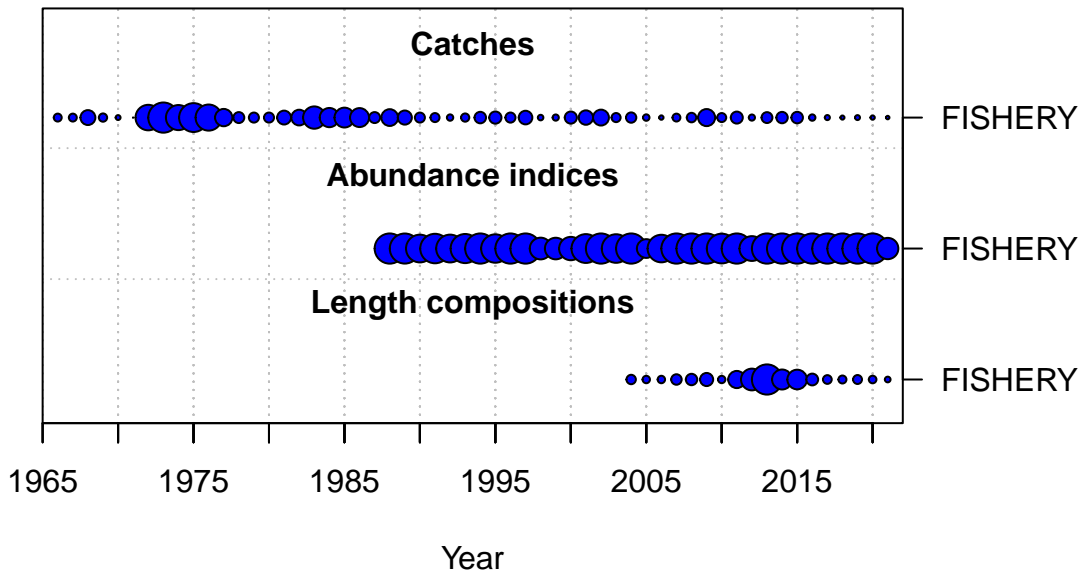




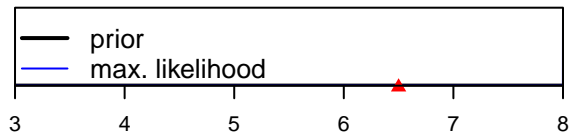




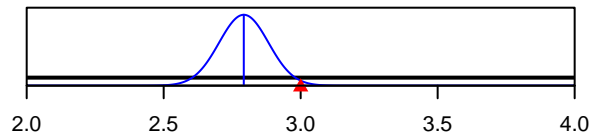




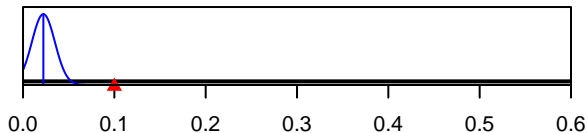
SR\_LN(R0)



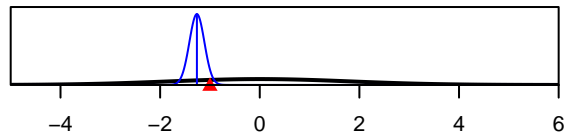
Size\_95%width\_FISHERY(1)



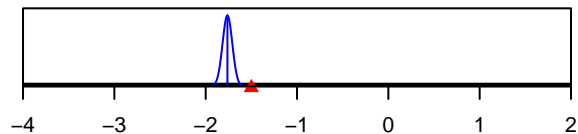
InitF\_seas\_1\_flt\_1FISHERY



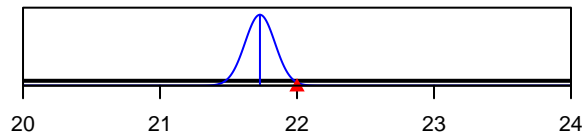
ln(DM\_theta)\_1



LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Parameter value