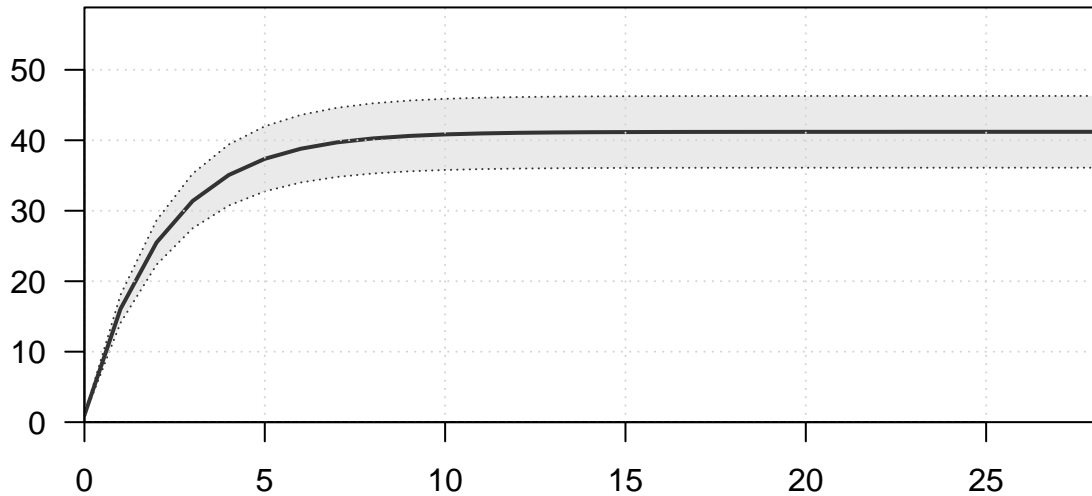


Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Fri Jan 06 16:22:01 2023  
Data\_File: data.ss  
Control\_File: control.ss

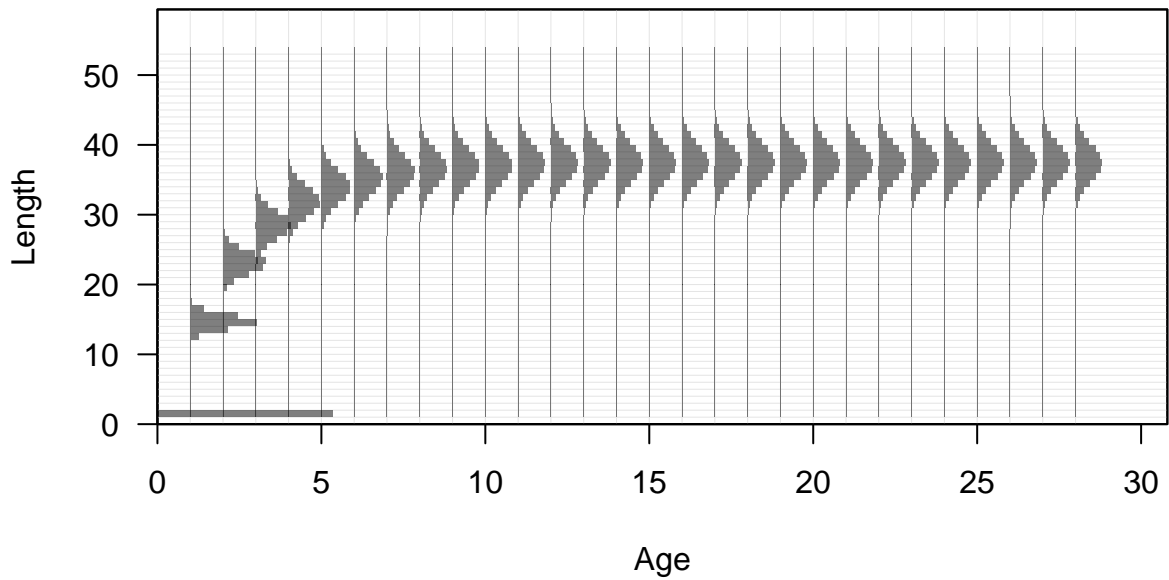
Length (cm, beginning of the year)



Age (yr)

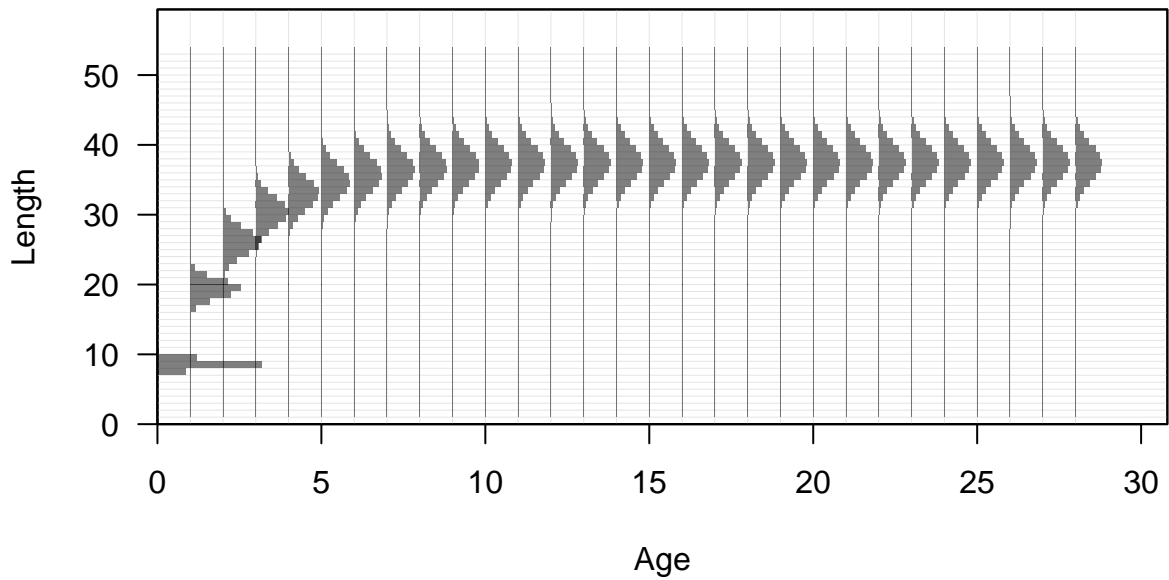










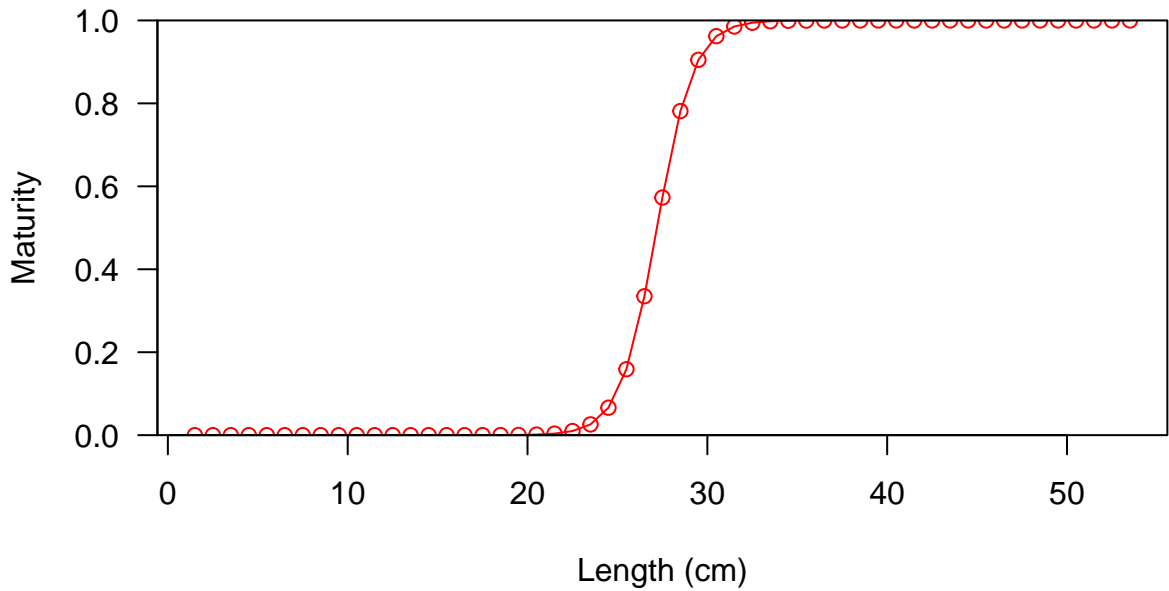














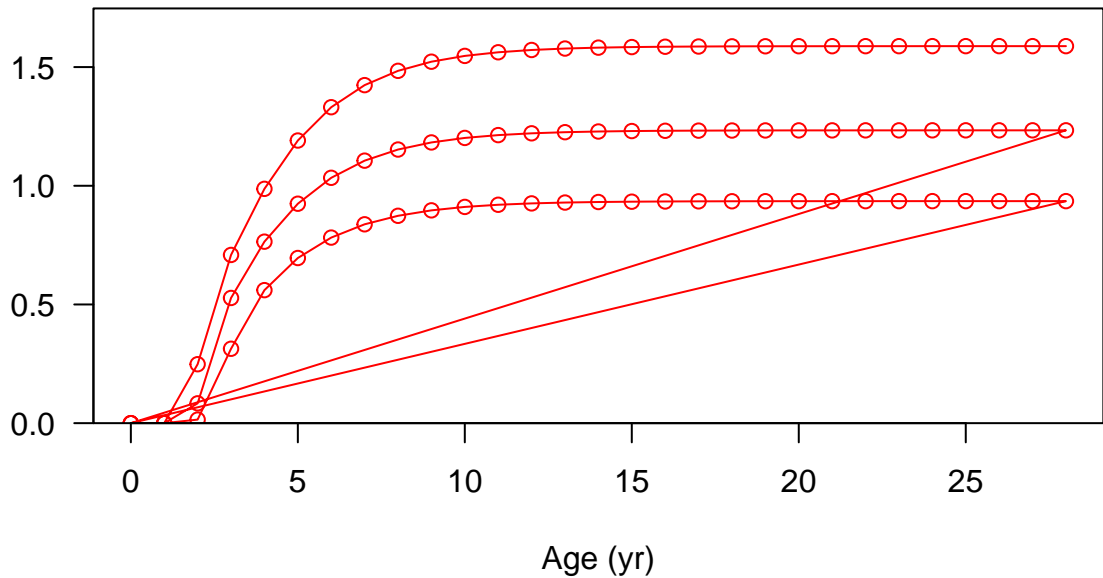




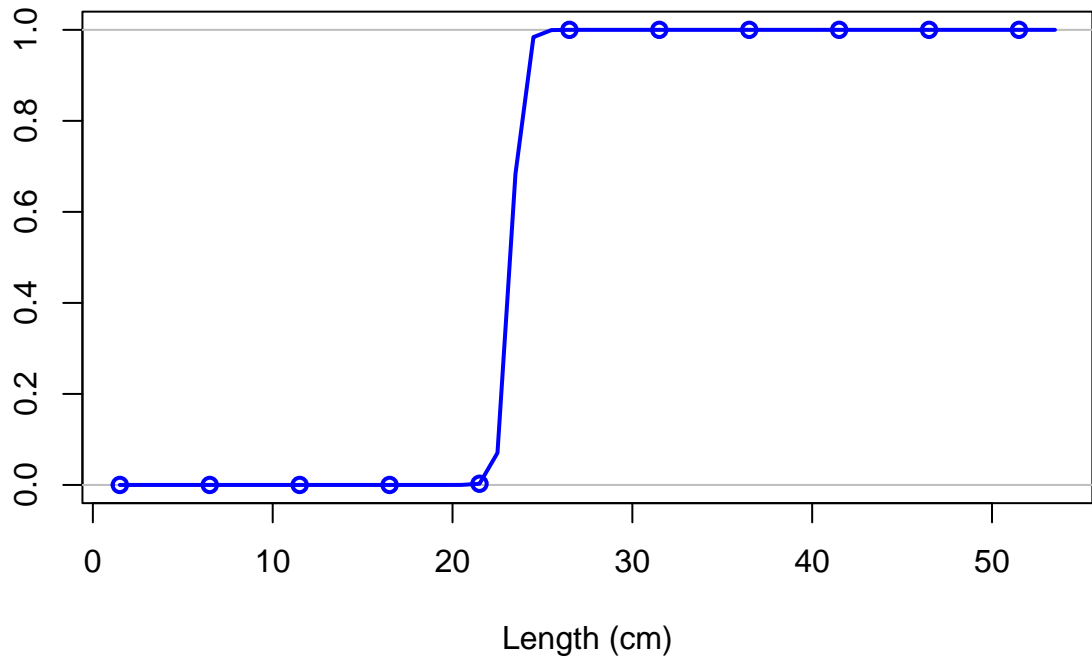




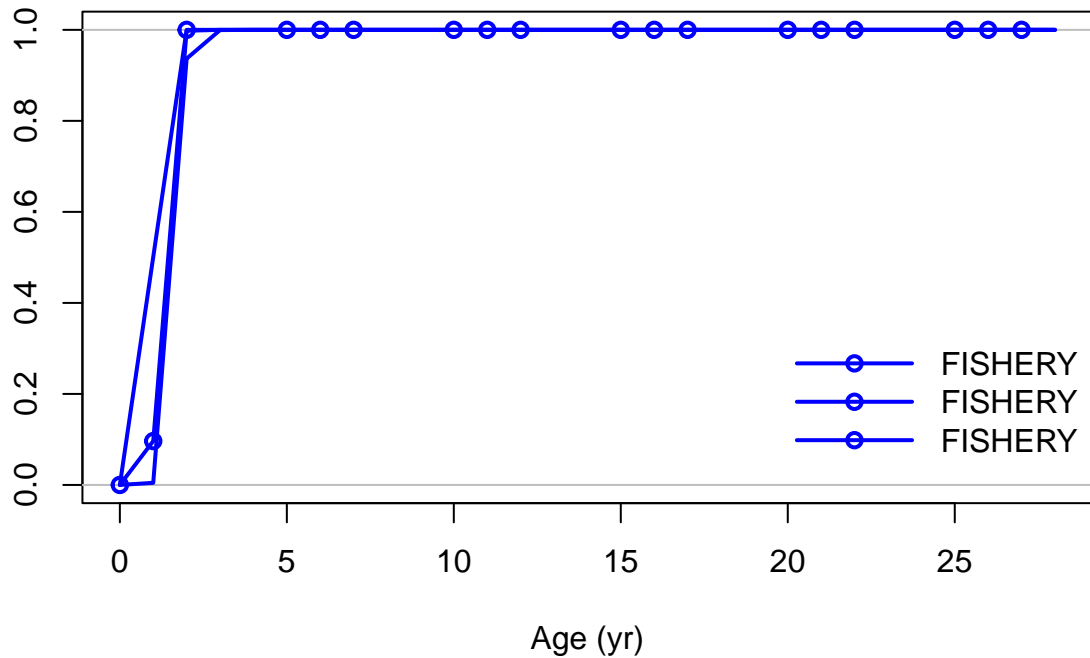
Spawning output



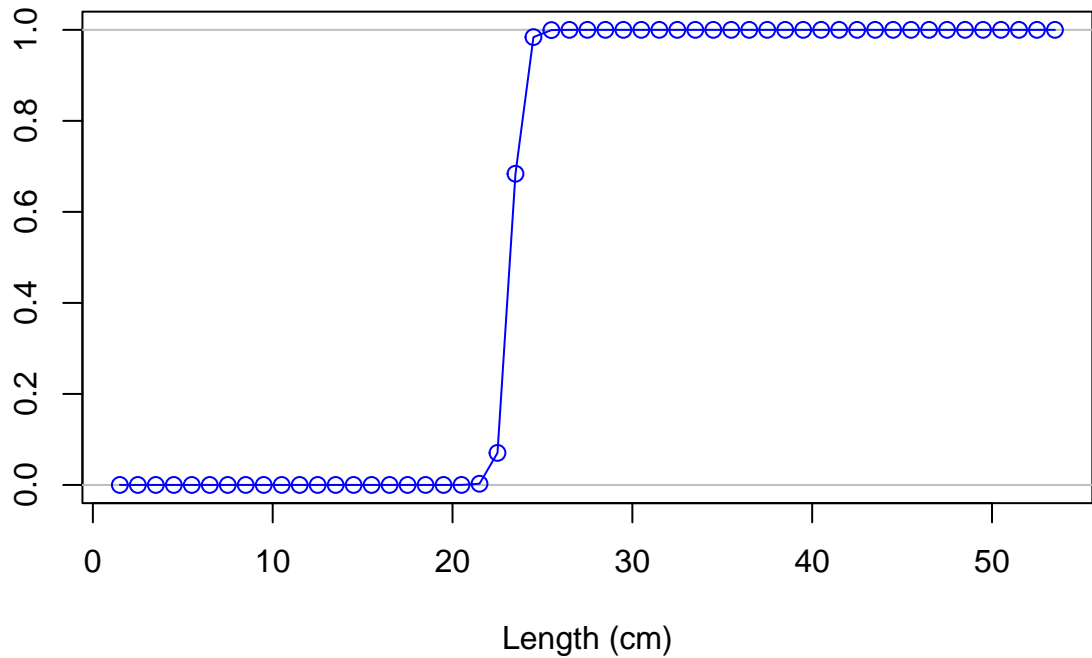
Selectivity

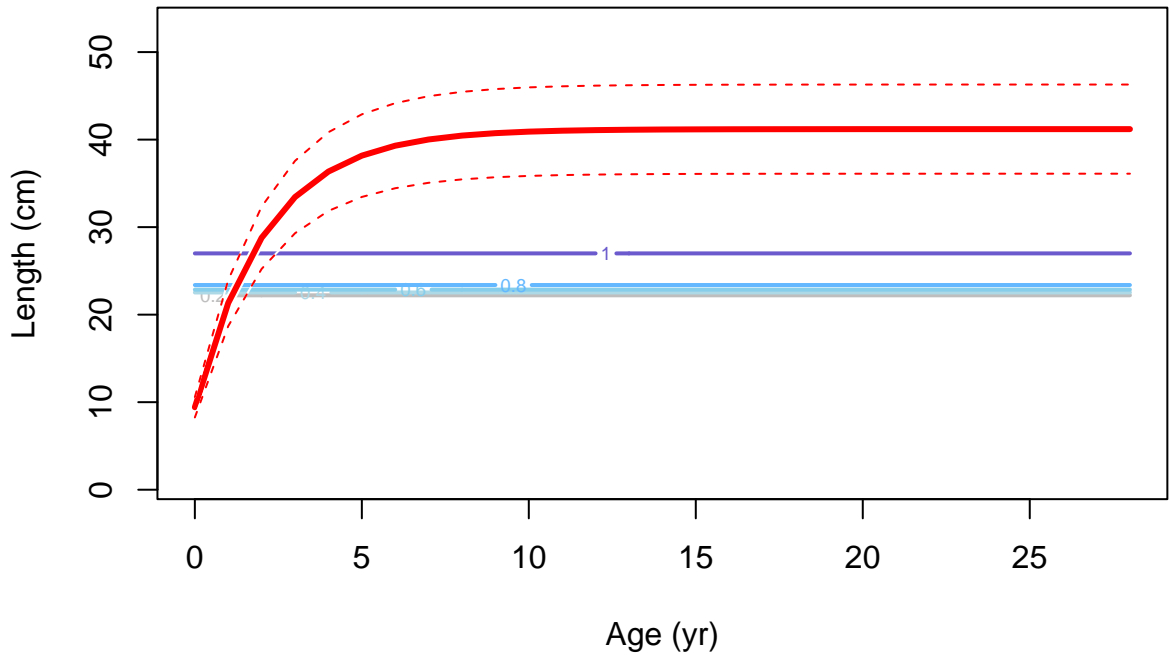


Selectivity

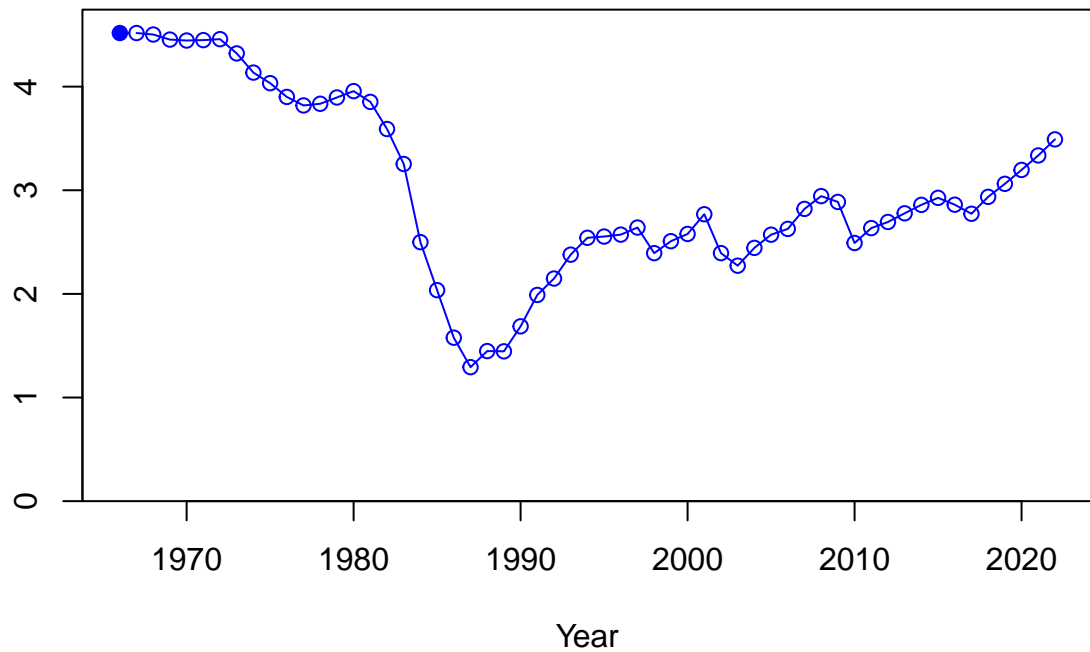


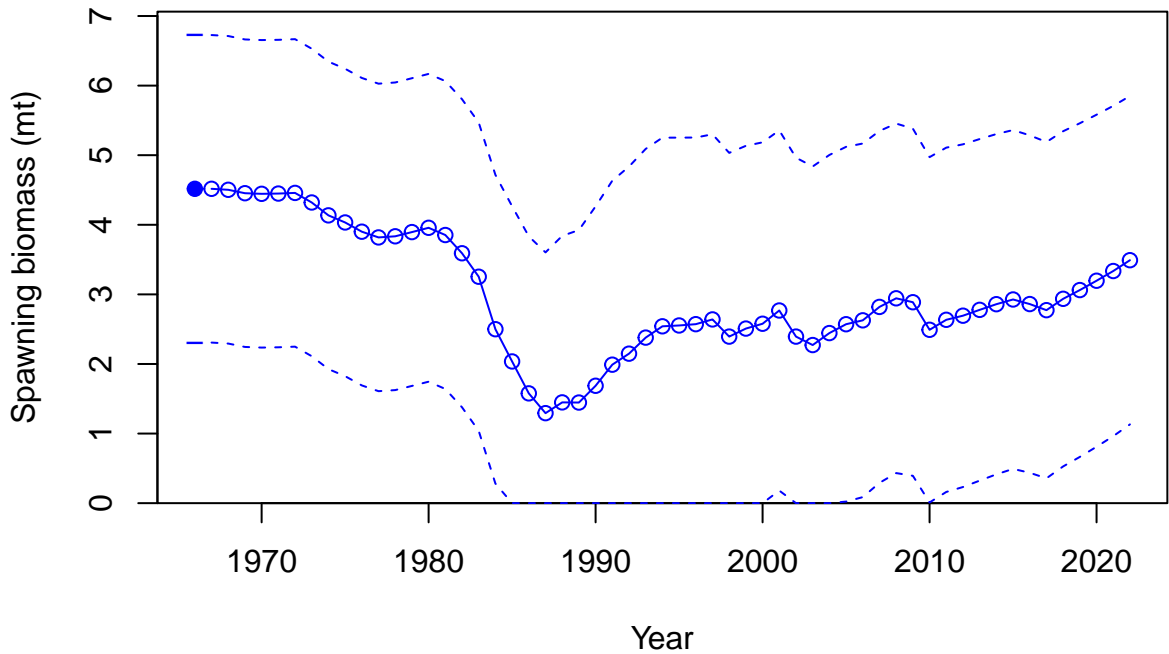
Selectivity



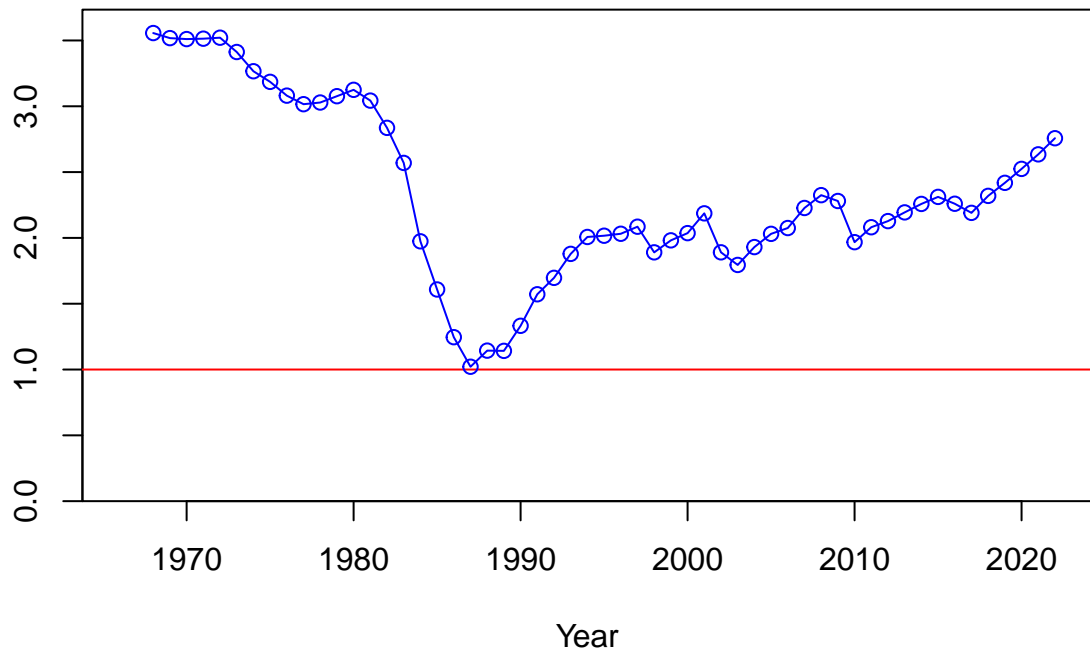


Spawning biomass (mt)



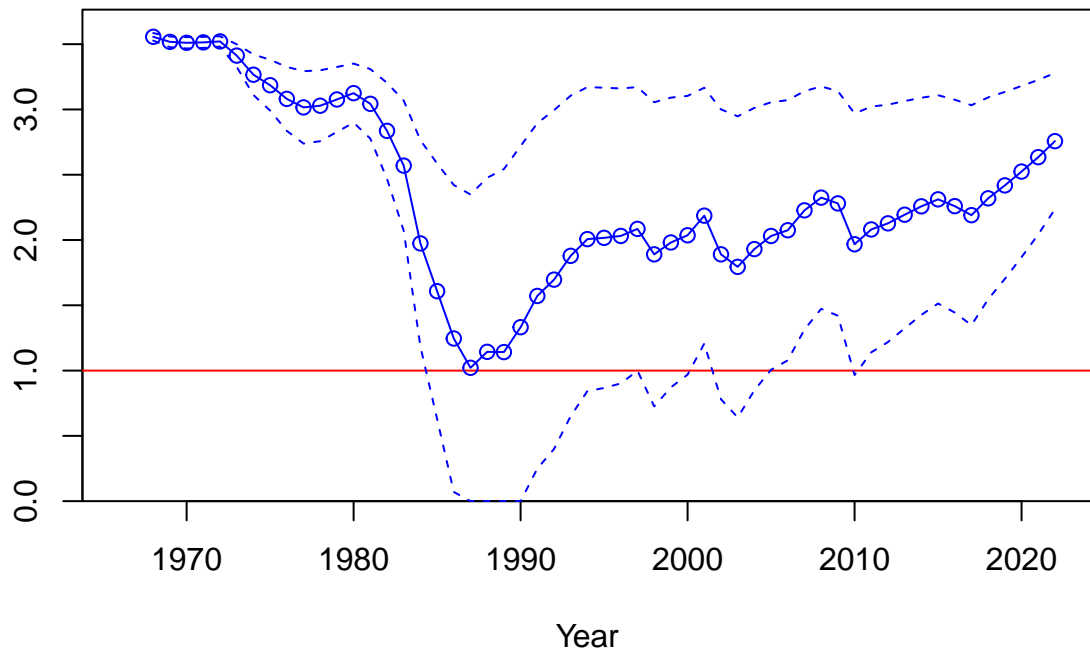


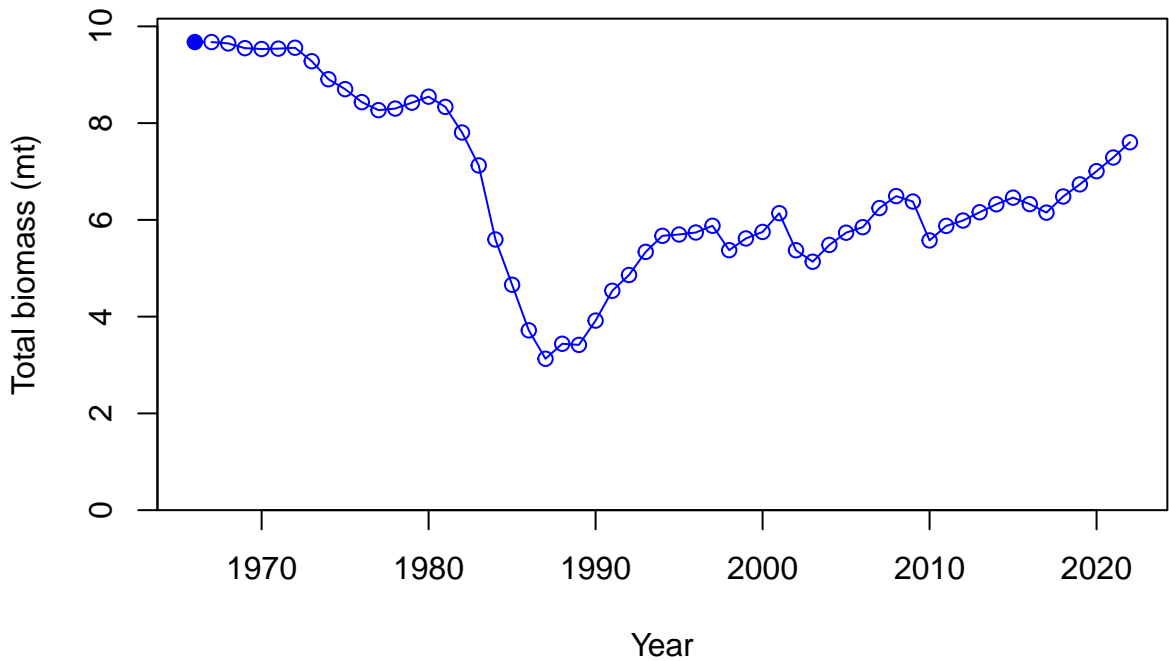
Relative spawning biomass:  $B/B_{MSY}$

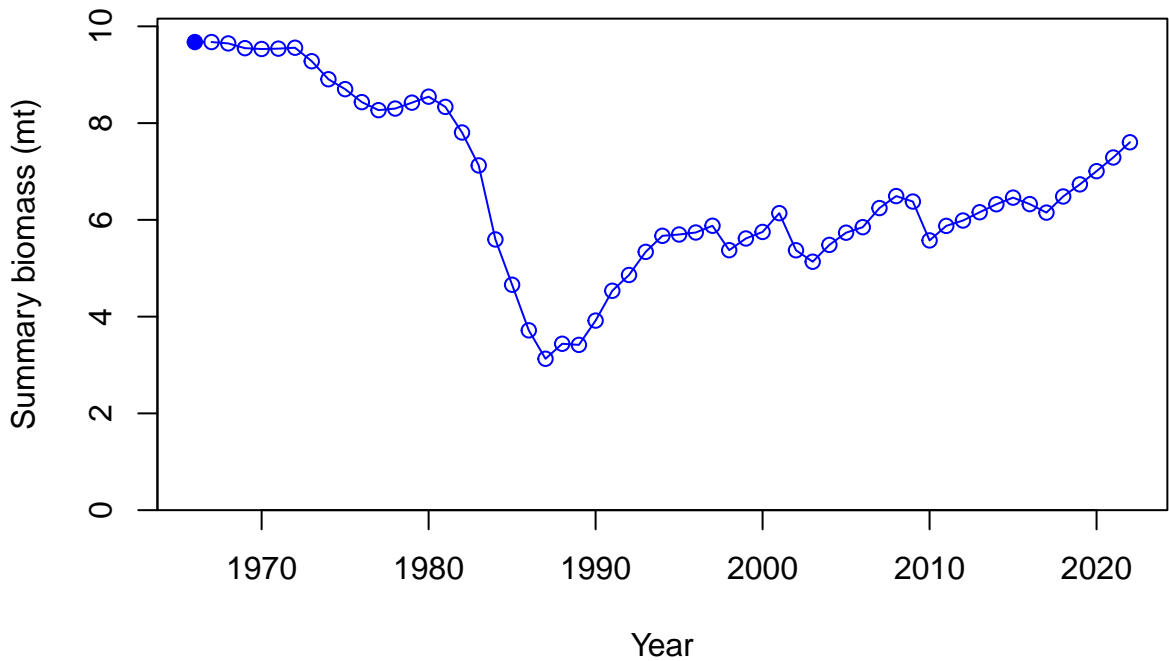


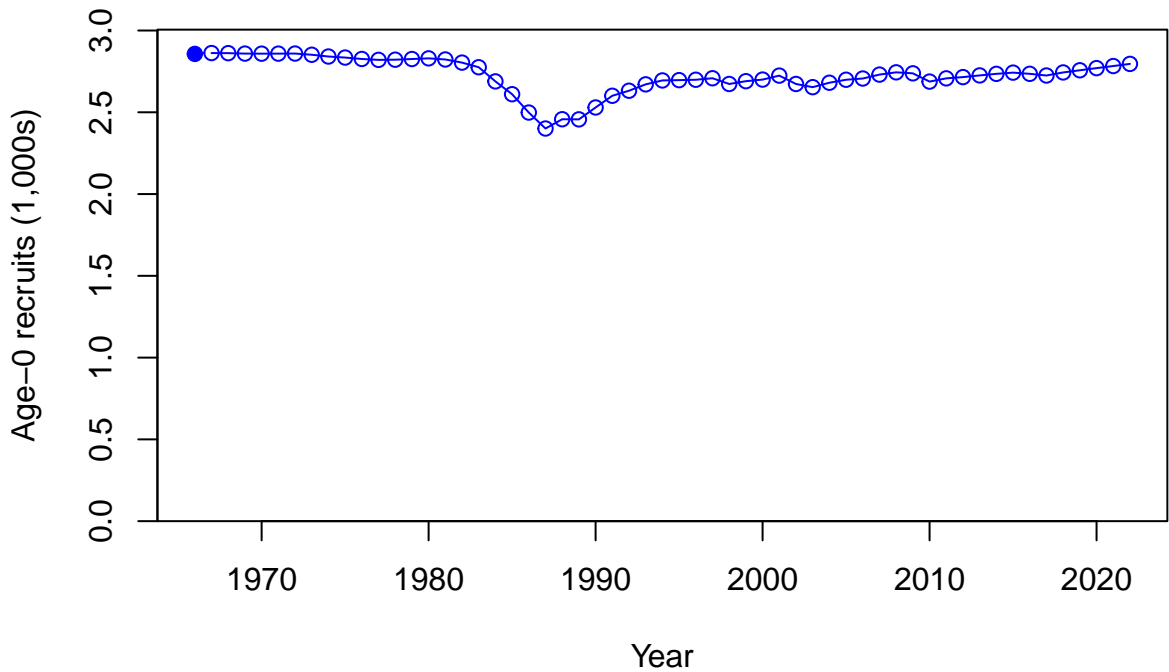


Relative spawning biomass:  $B/B_{MSY}$

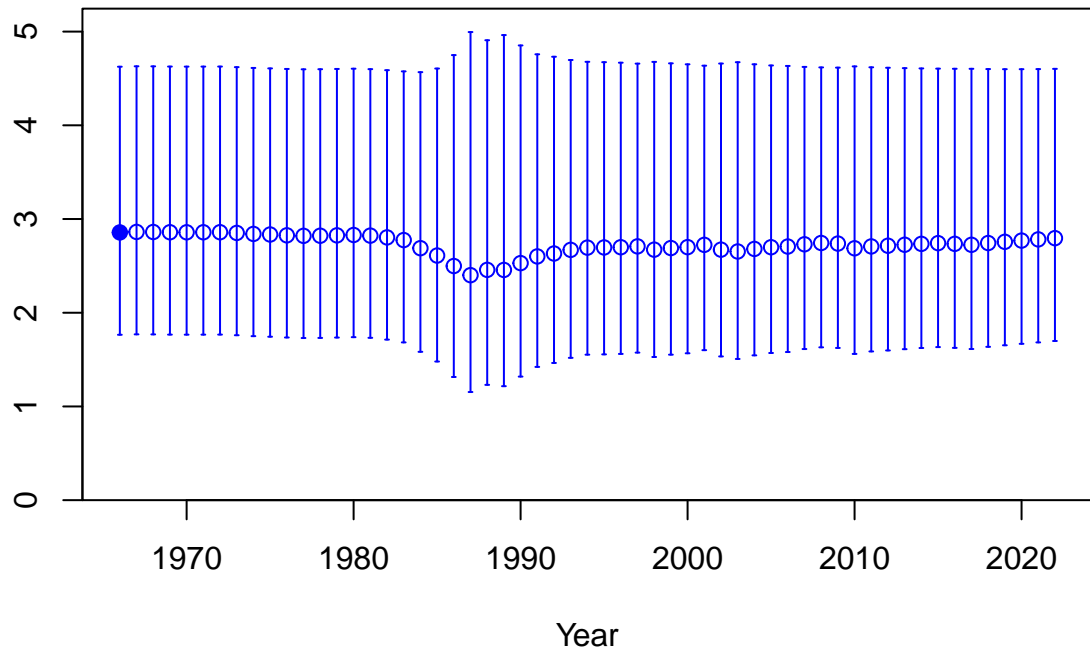




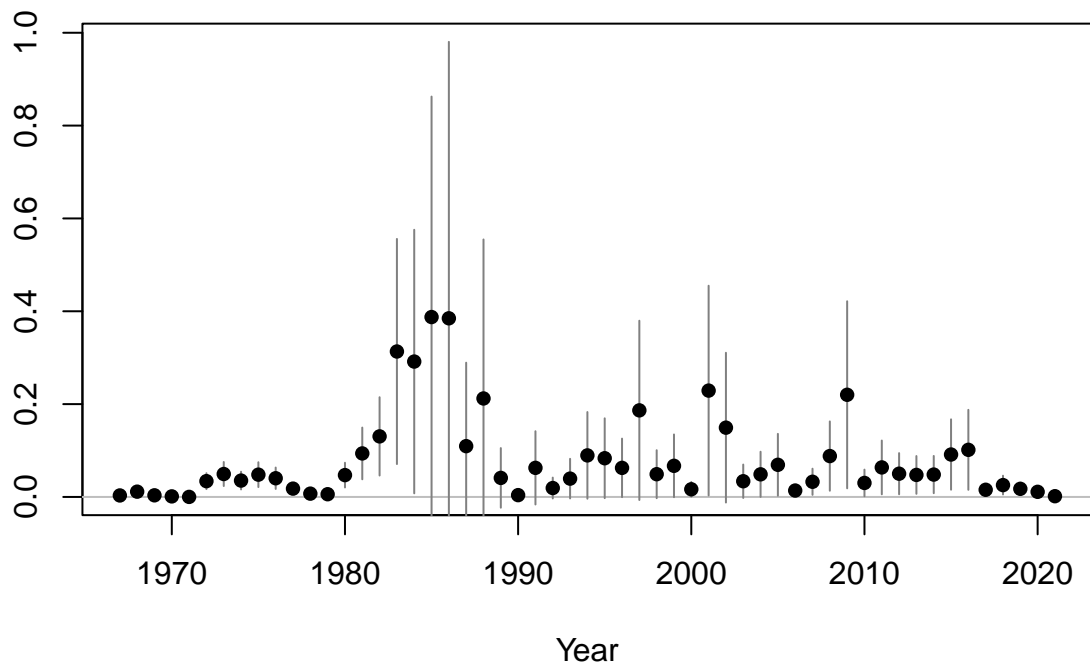


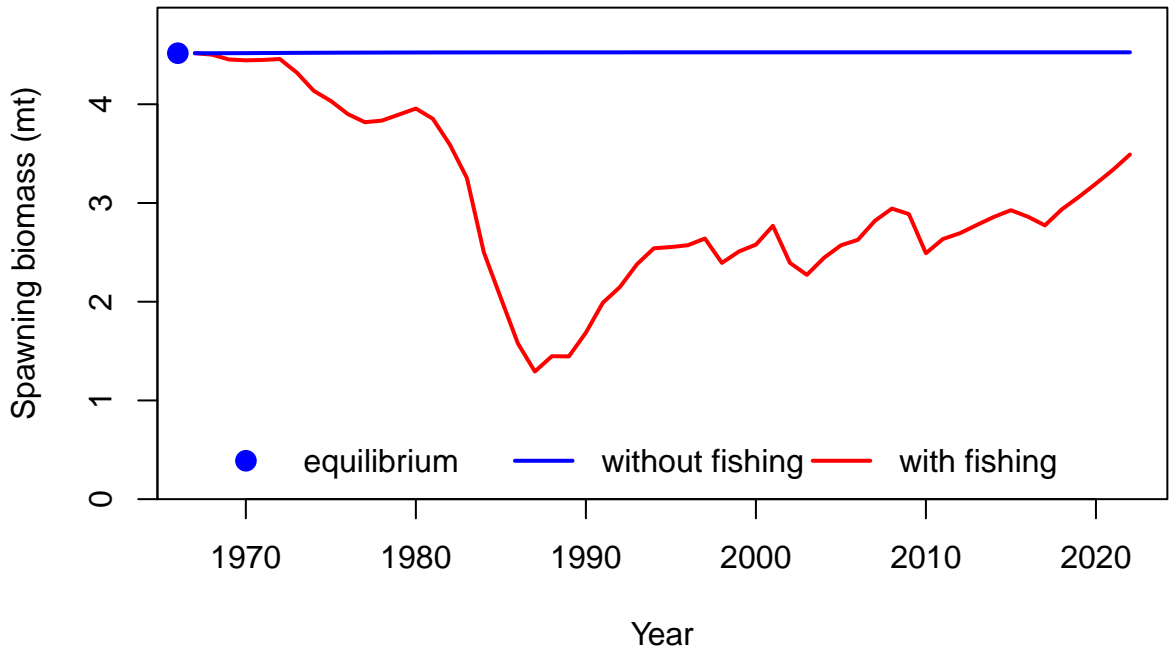


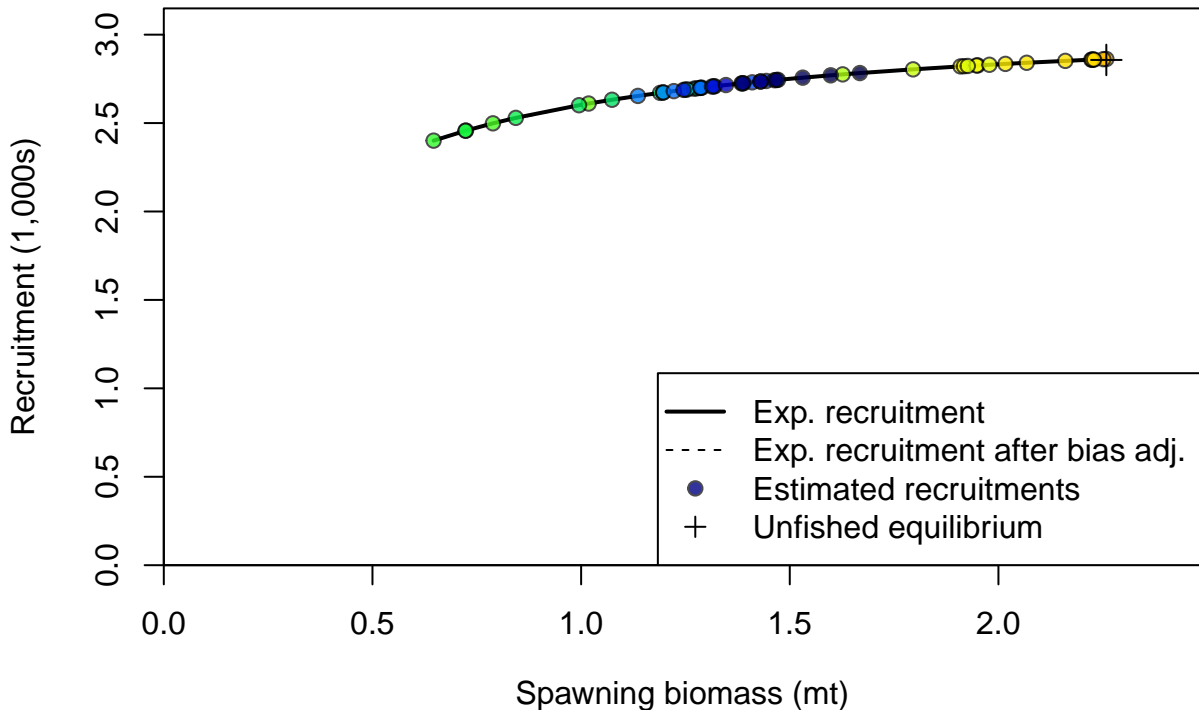
Age-0 recruits (1,000s)



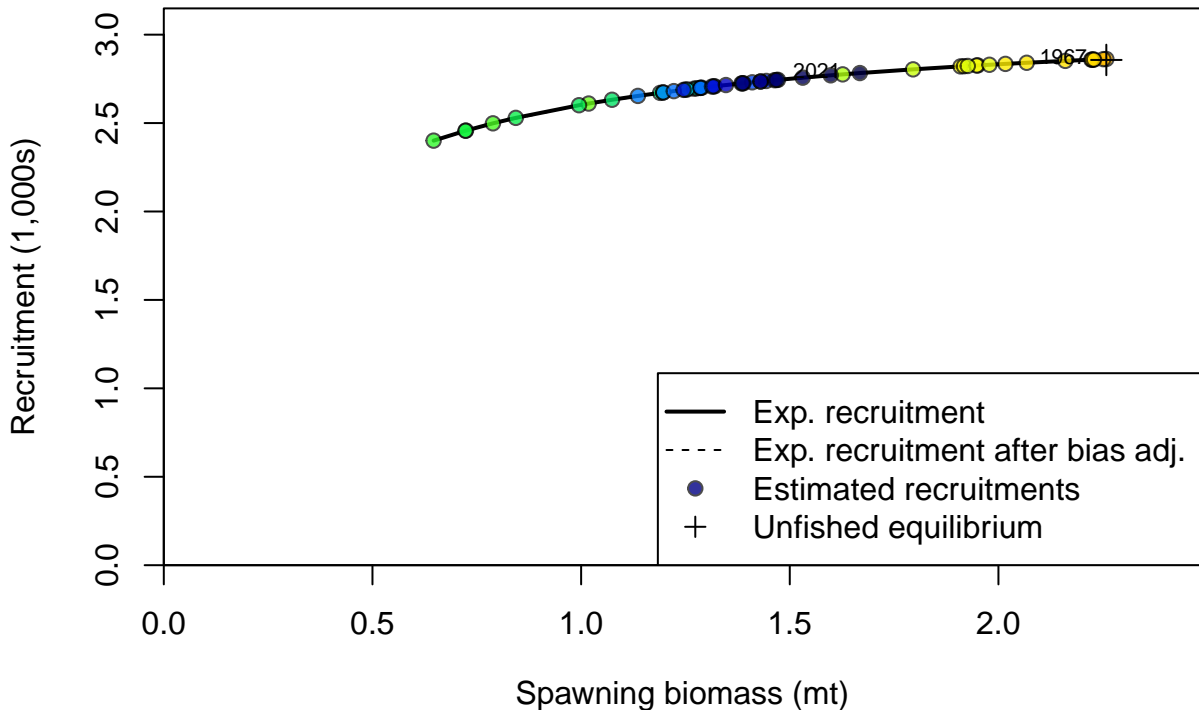
Summary Fishing Mortality

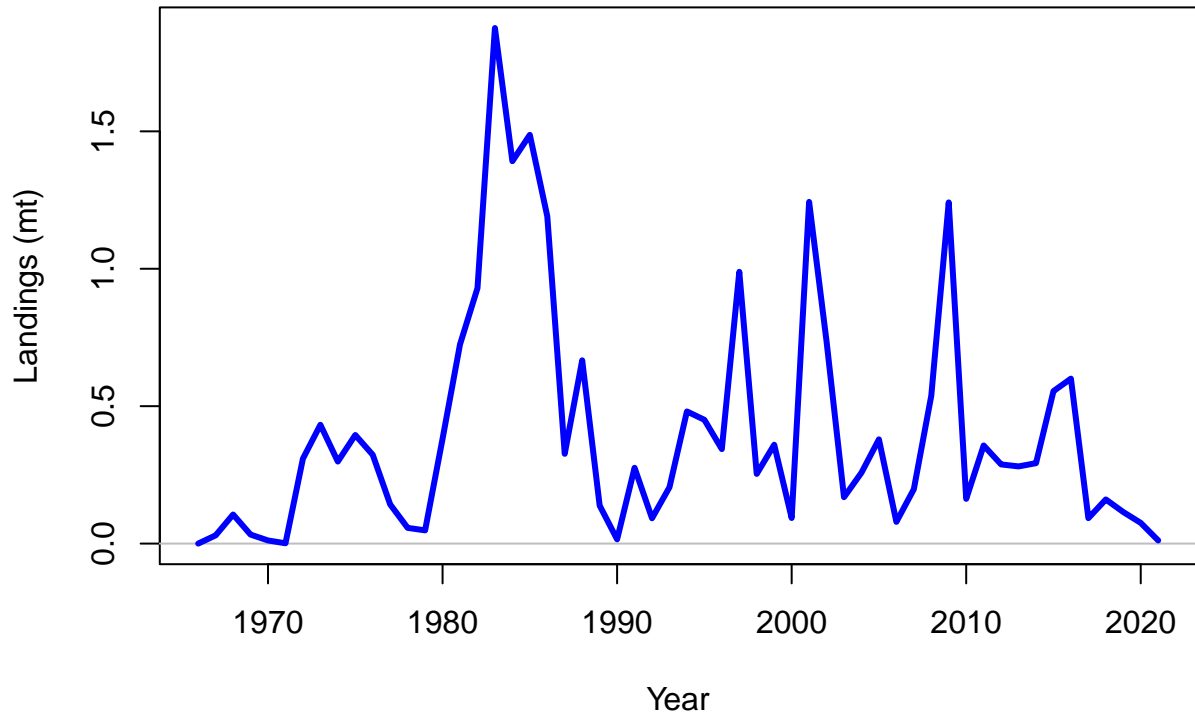


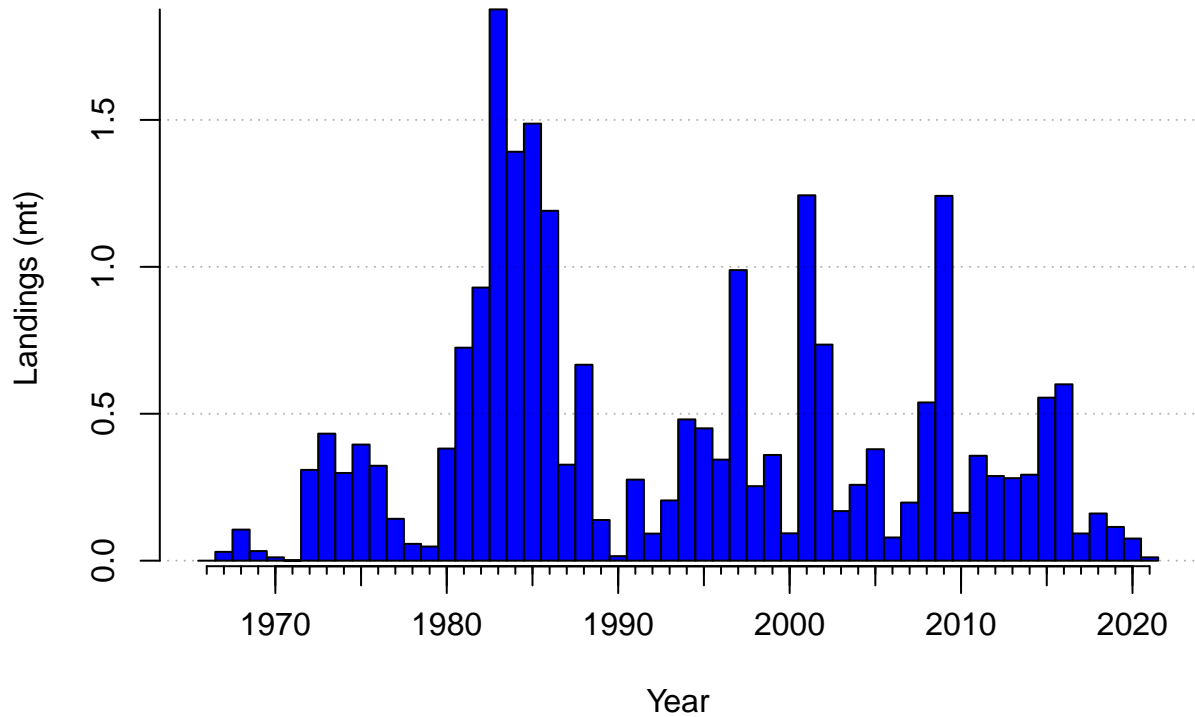


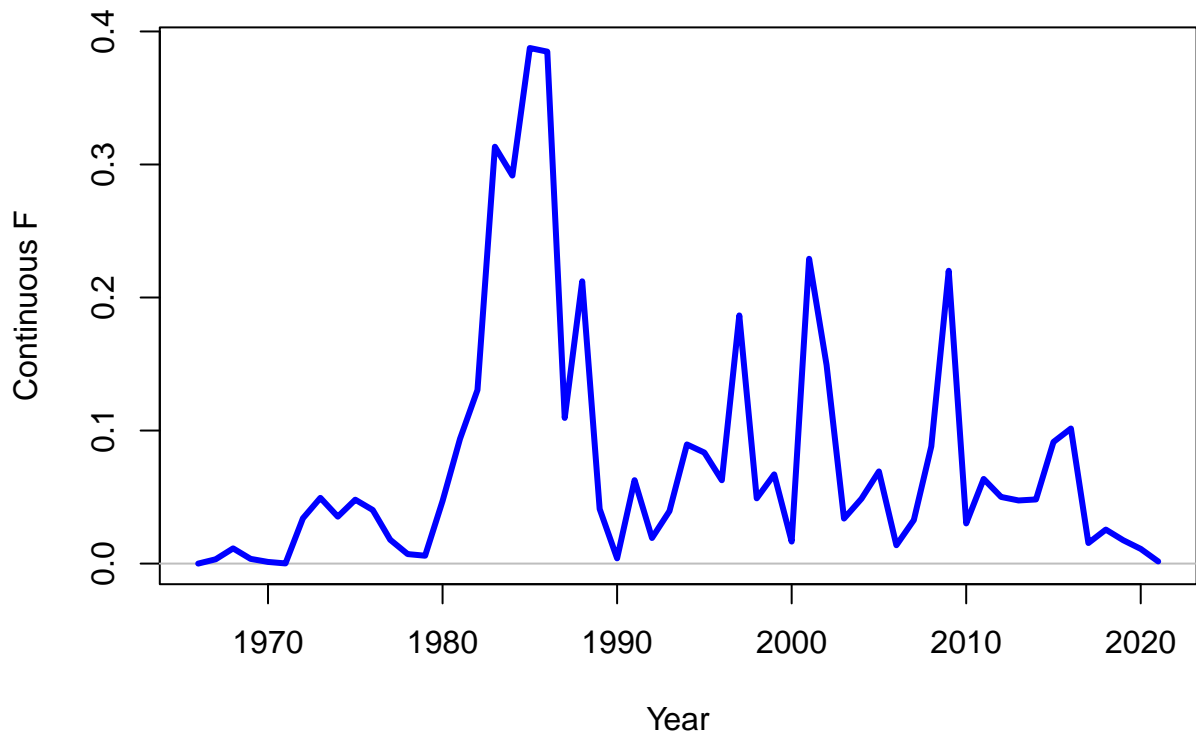




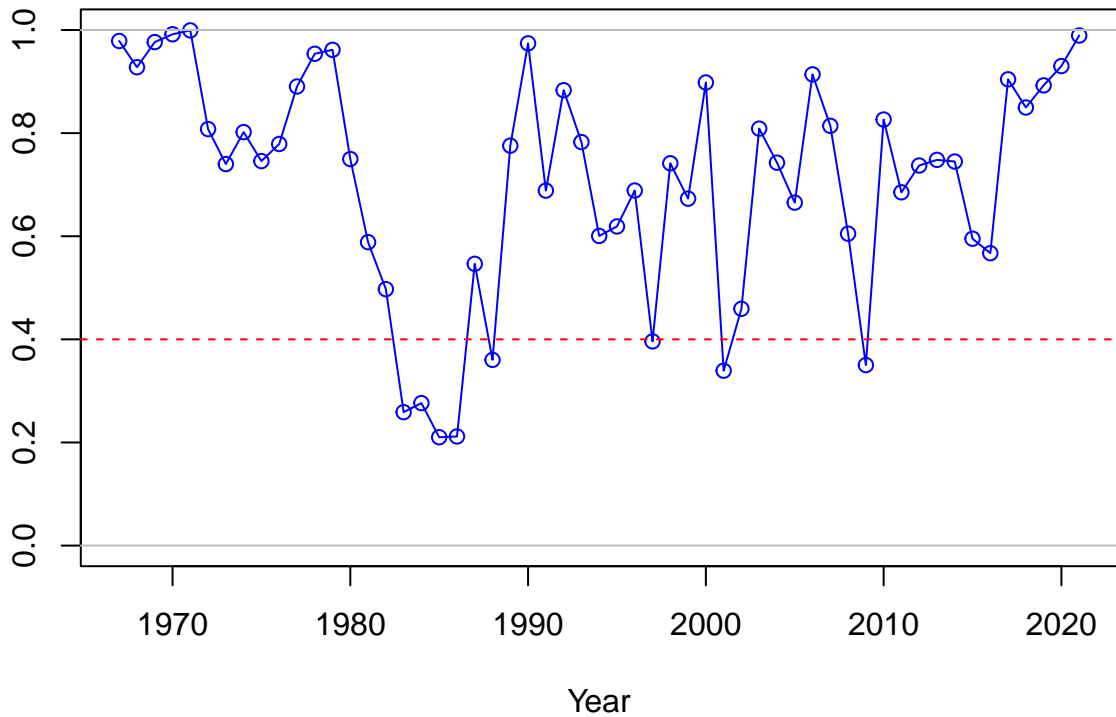


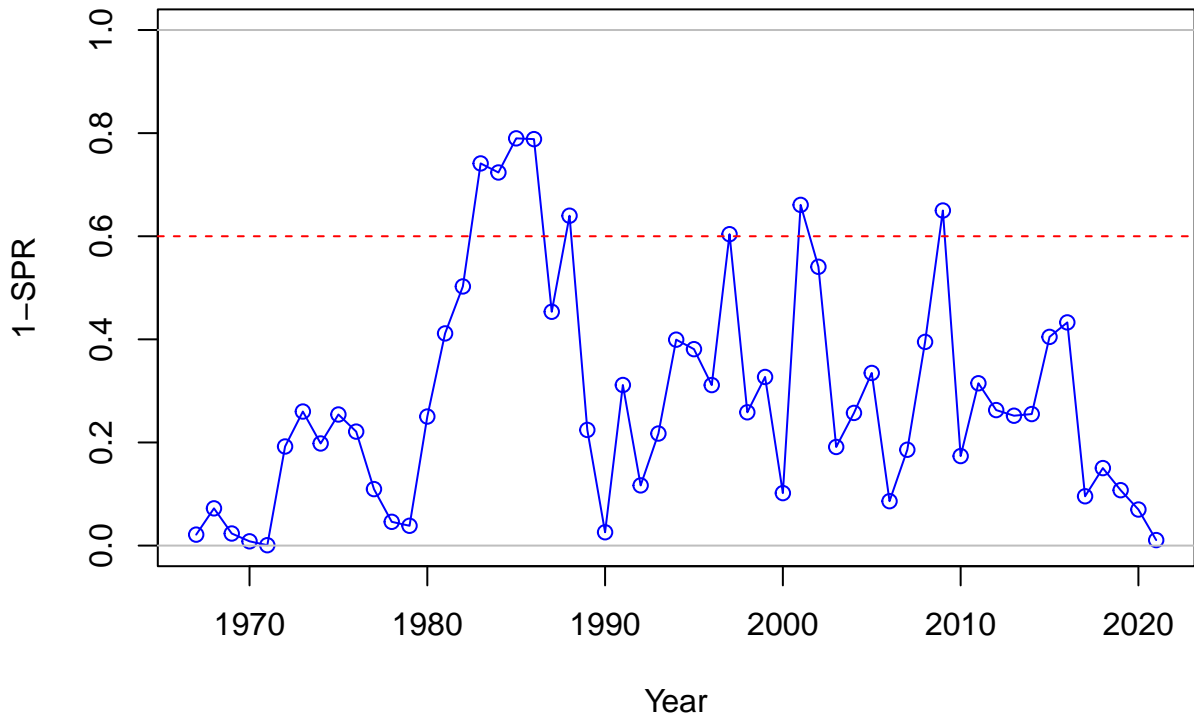




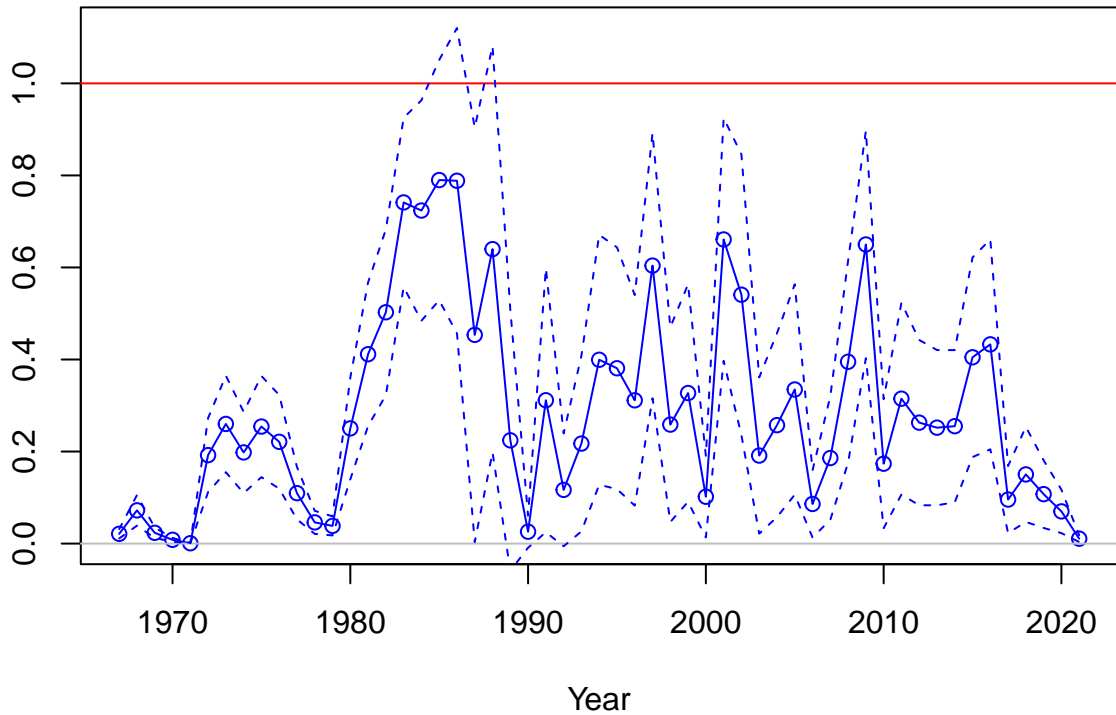


SPR

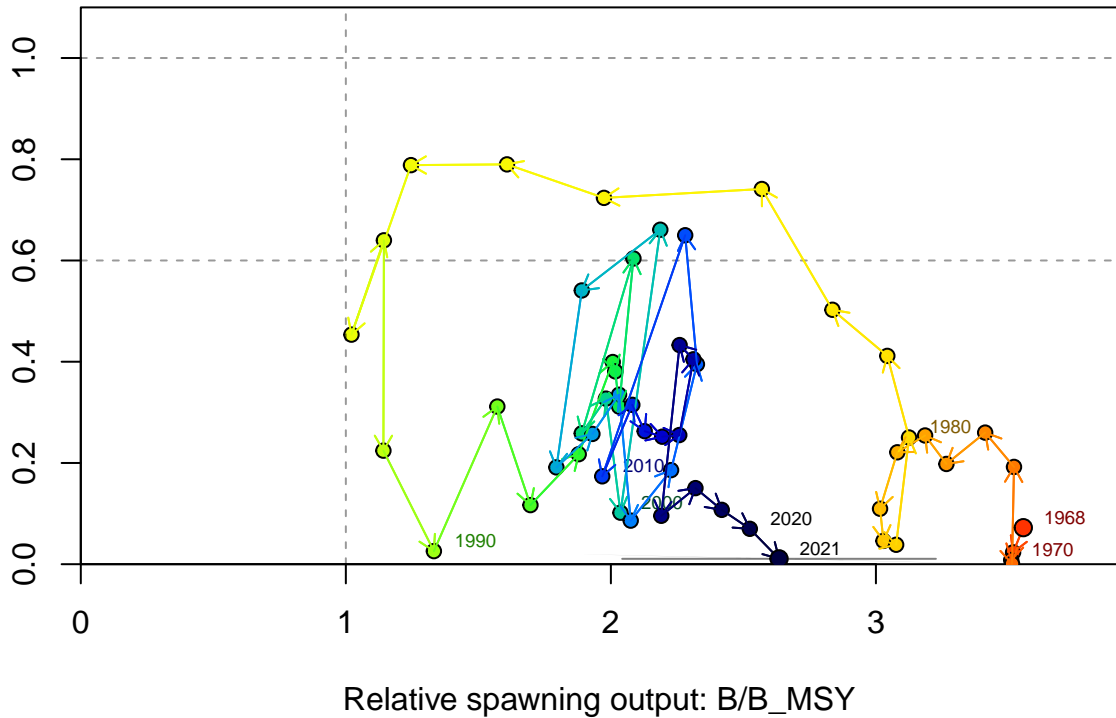




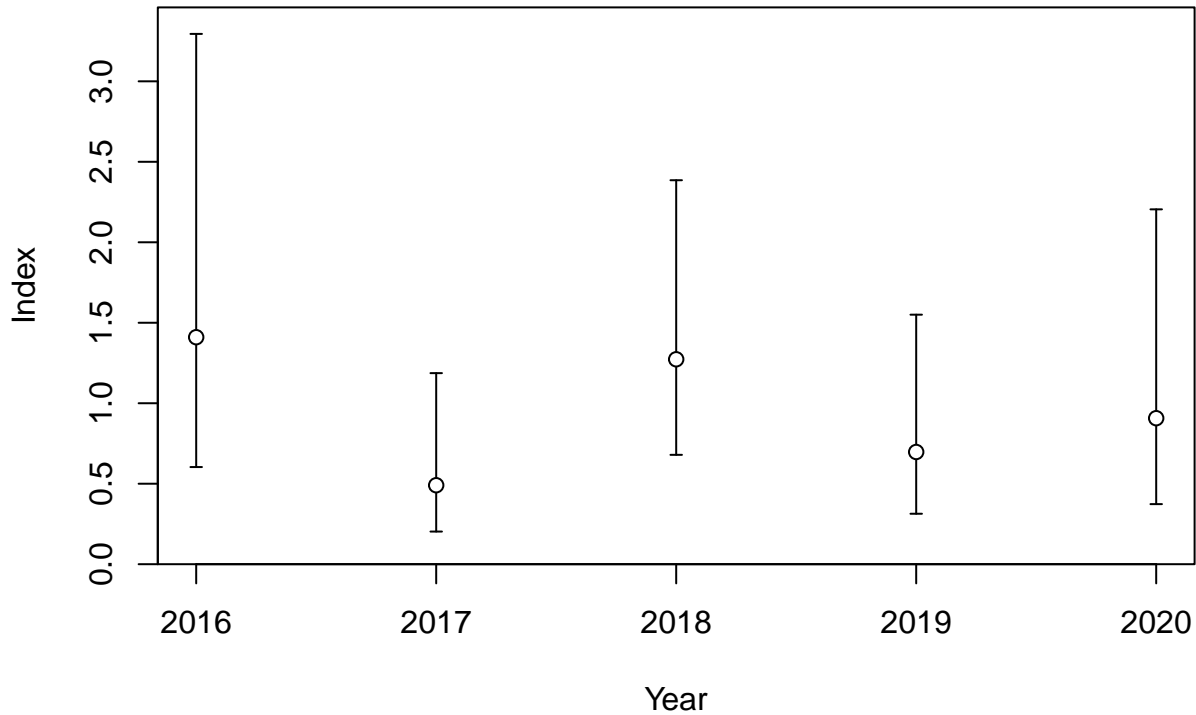
Fishing intensity: 1-SPR



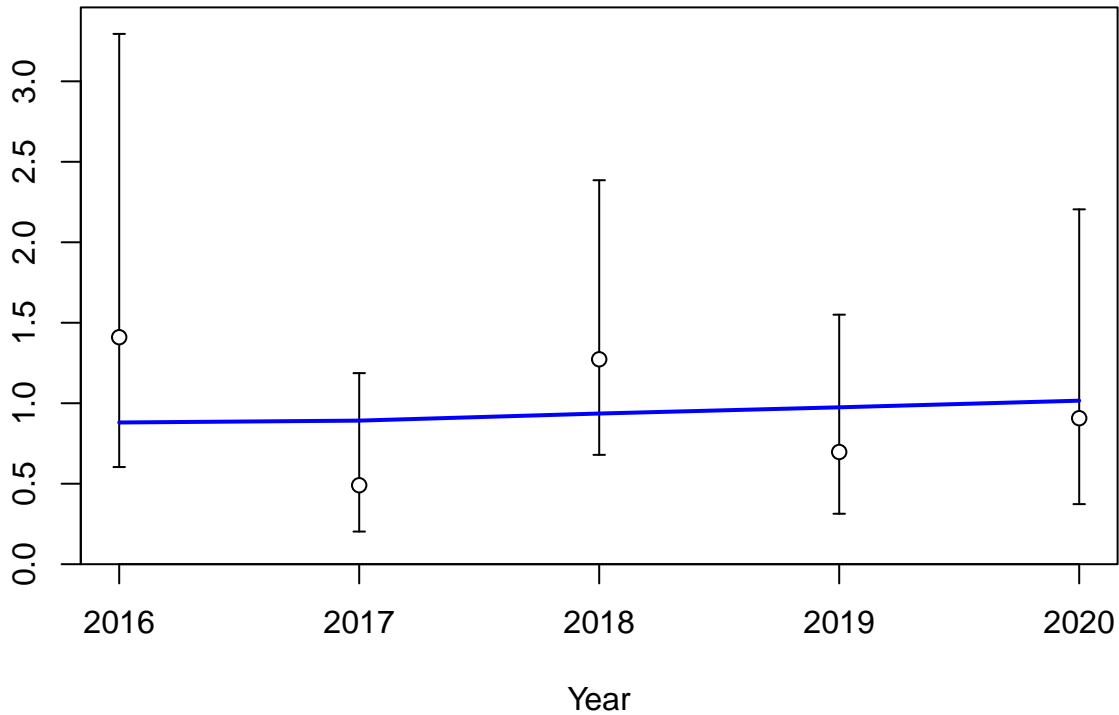
Fishing intensity: 1-SPR

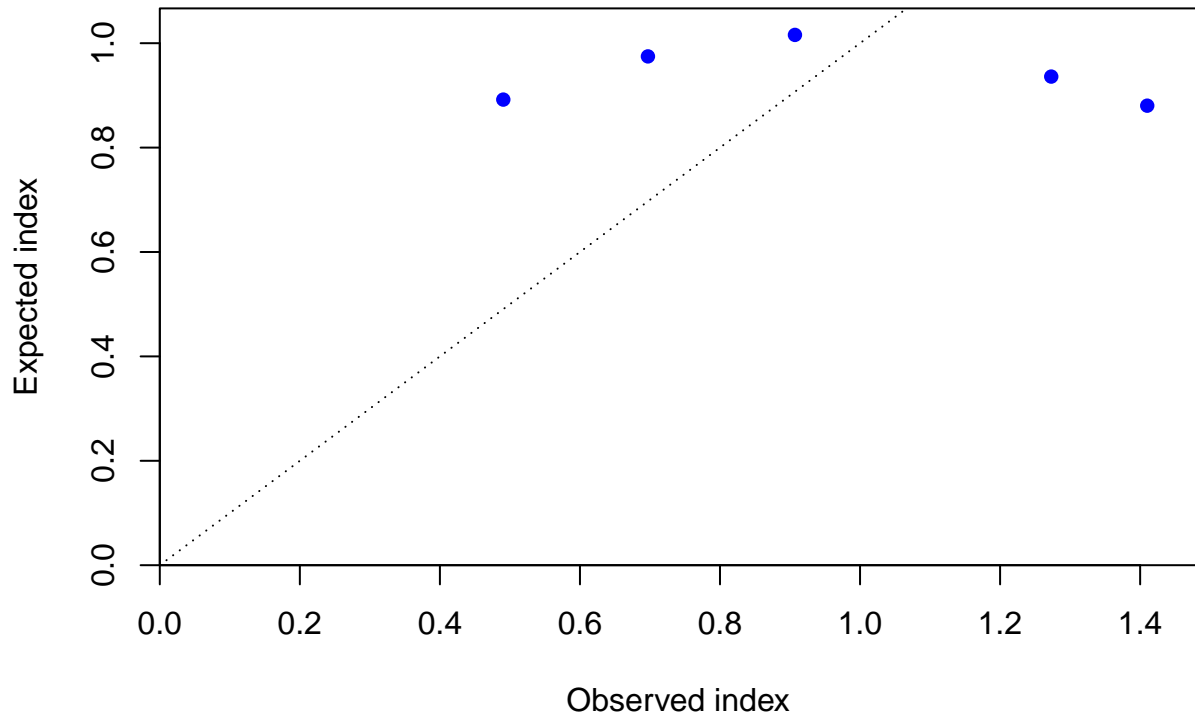




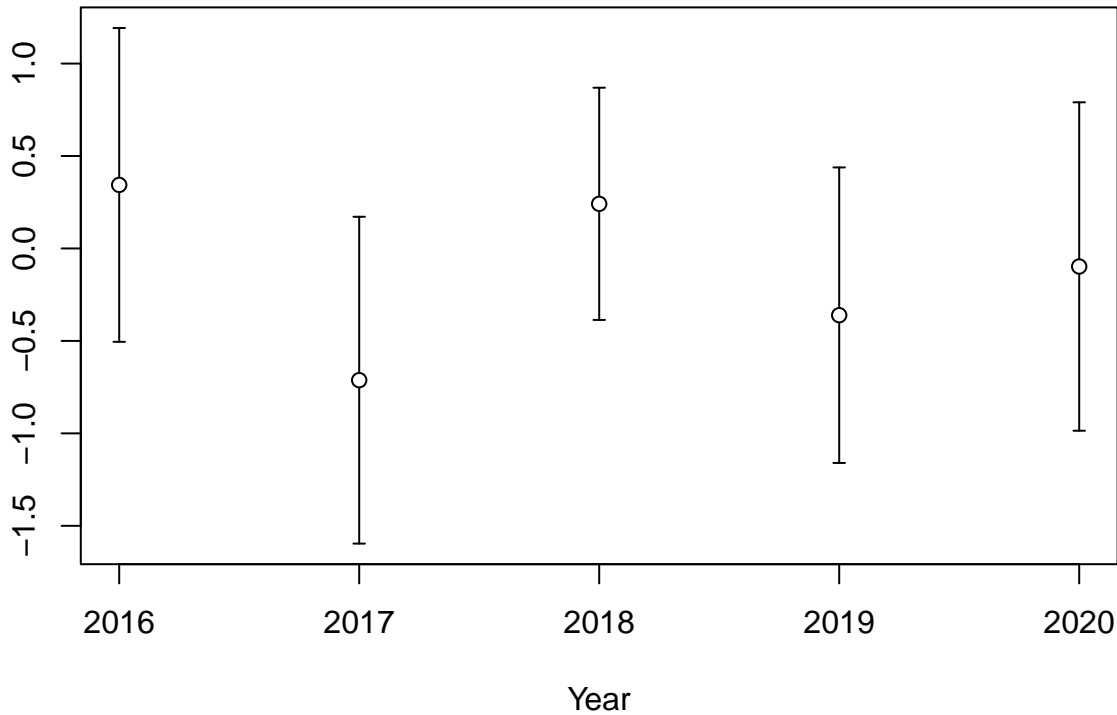


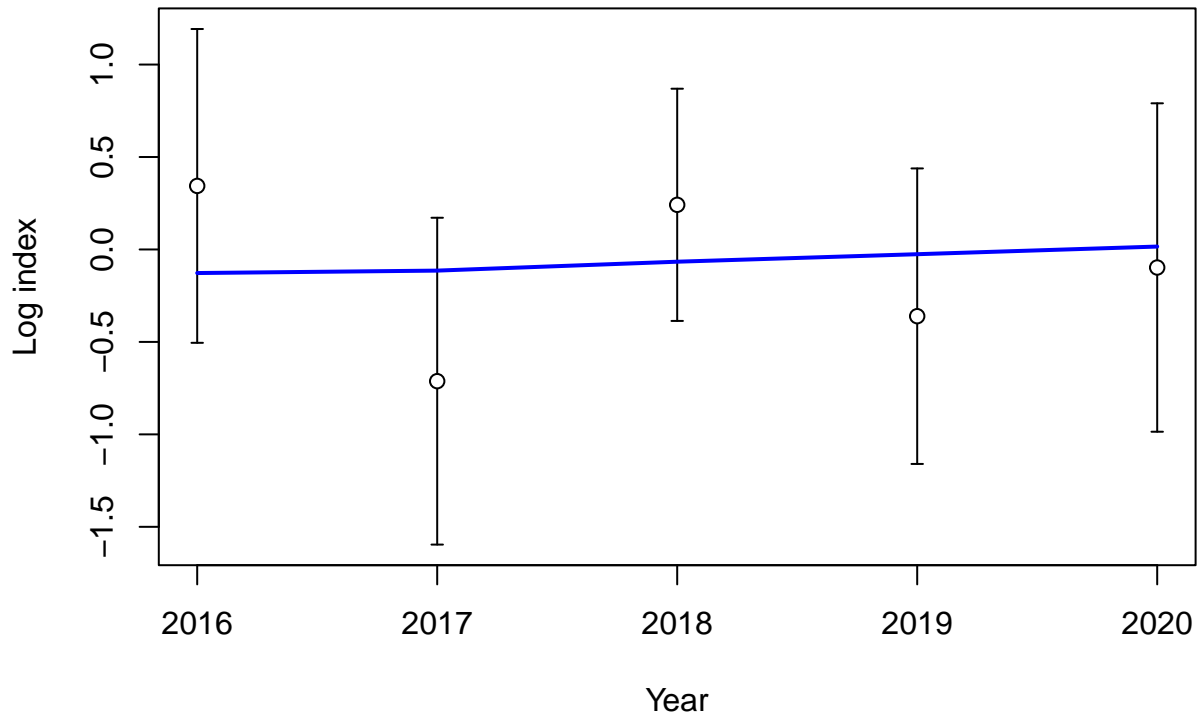
Index

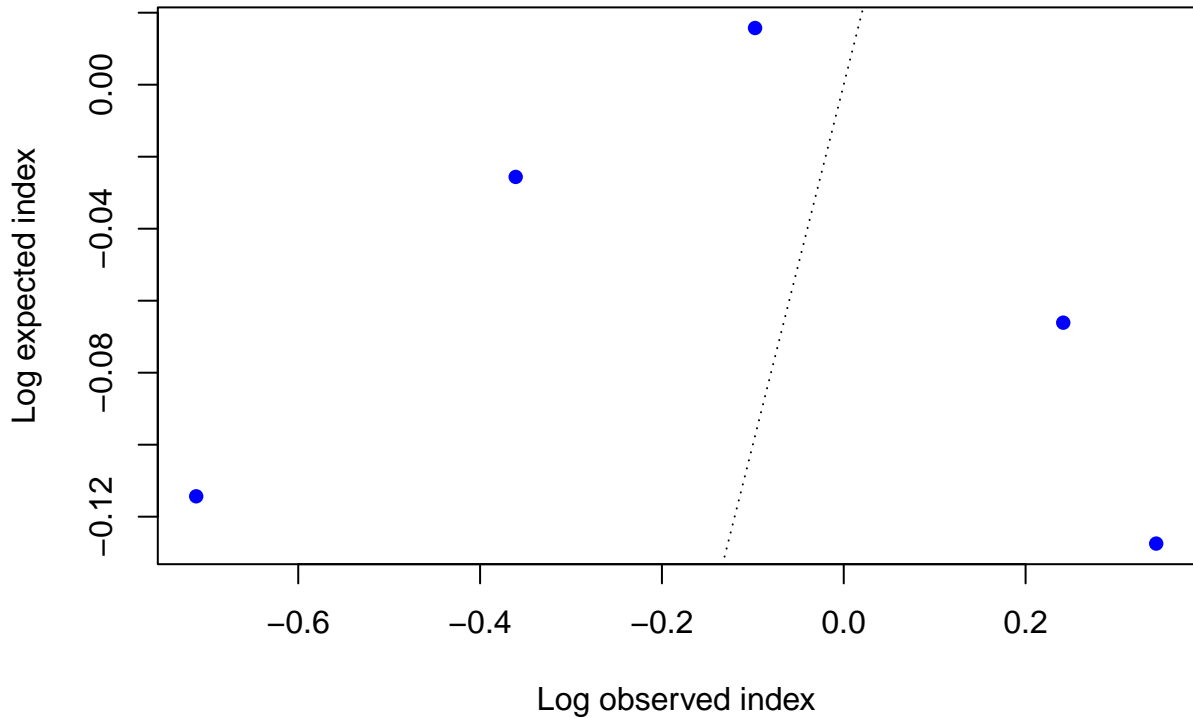


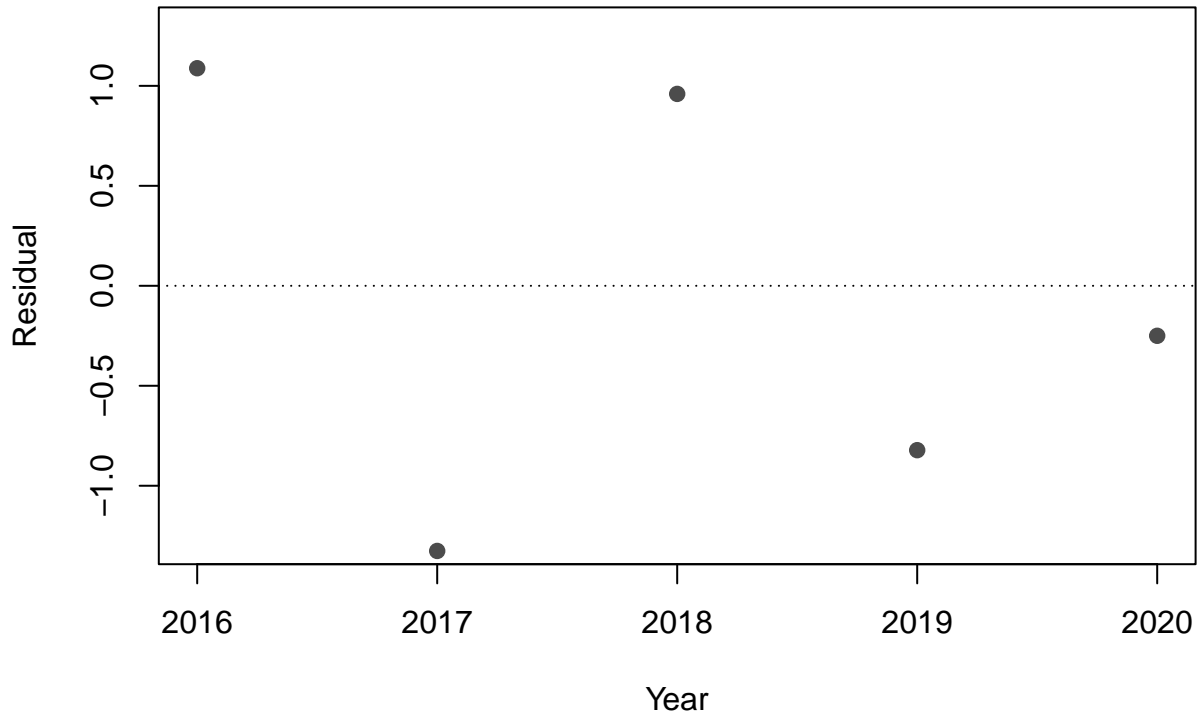


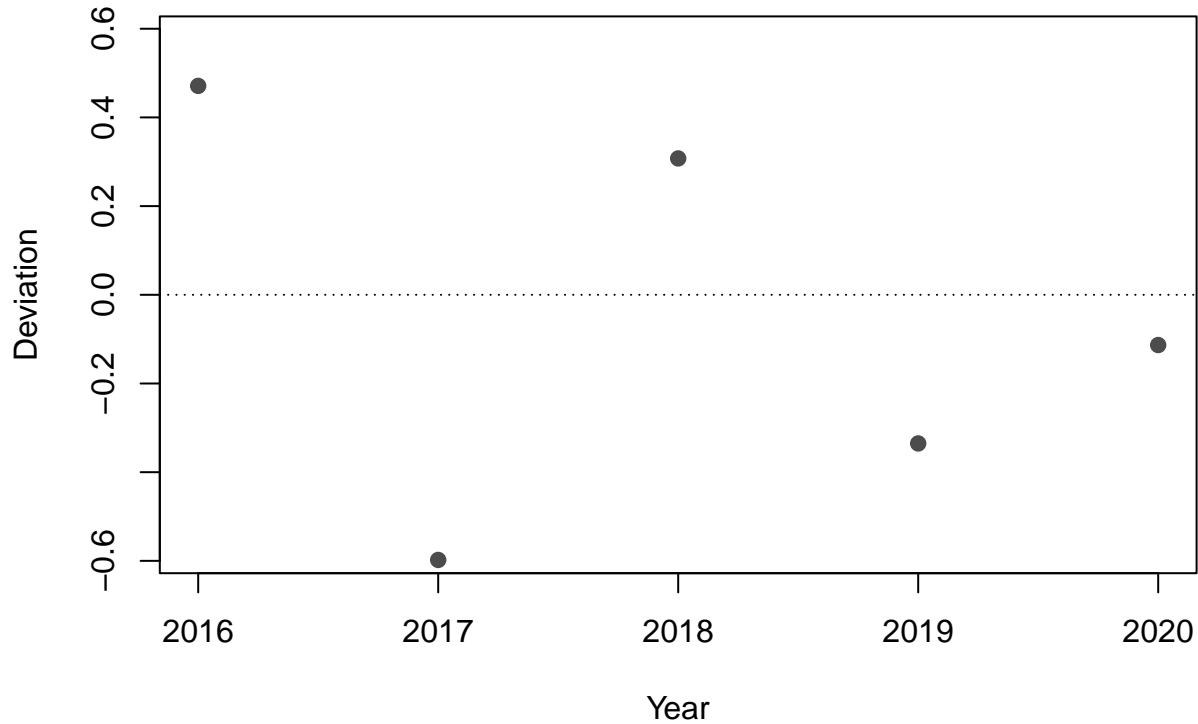
Log index



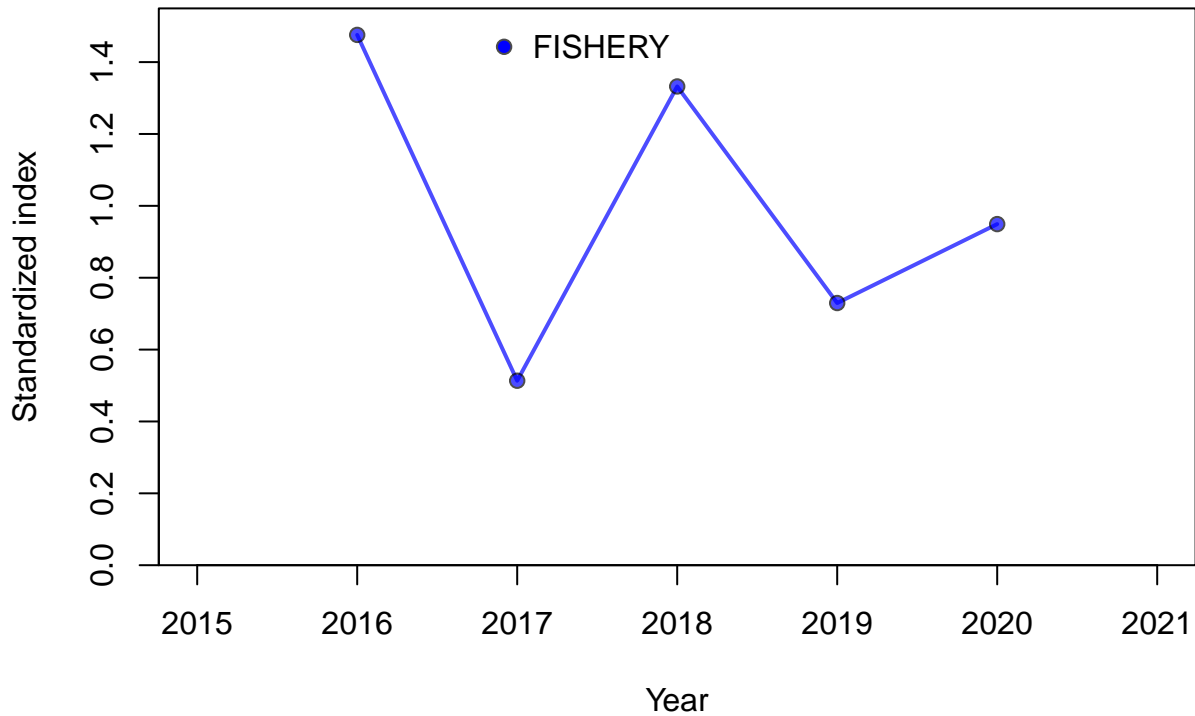


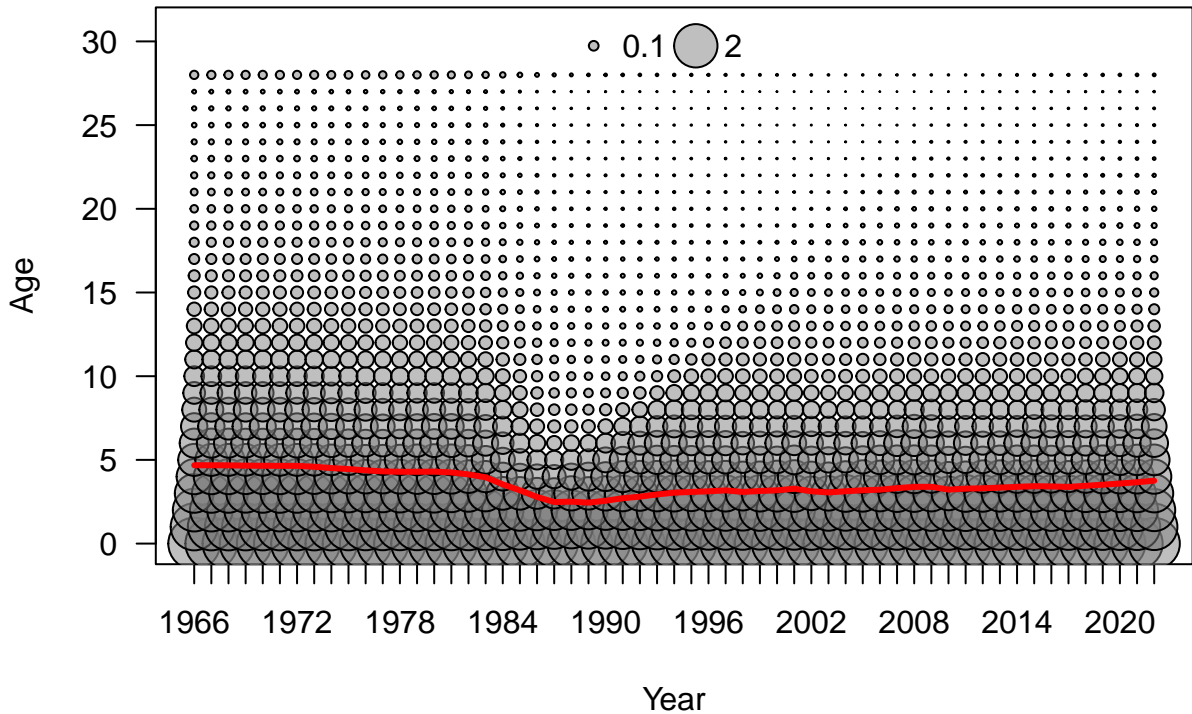


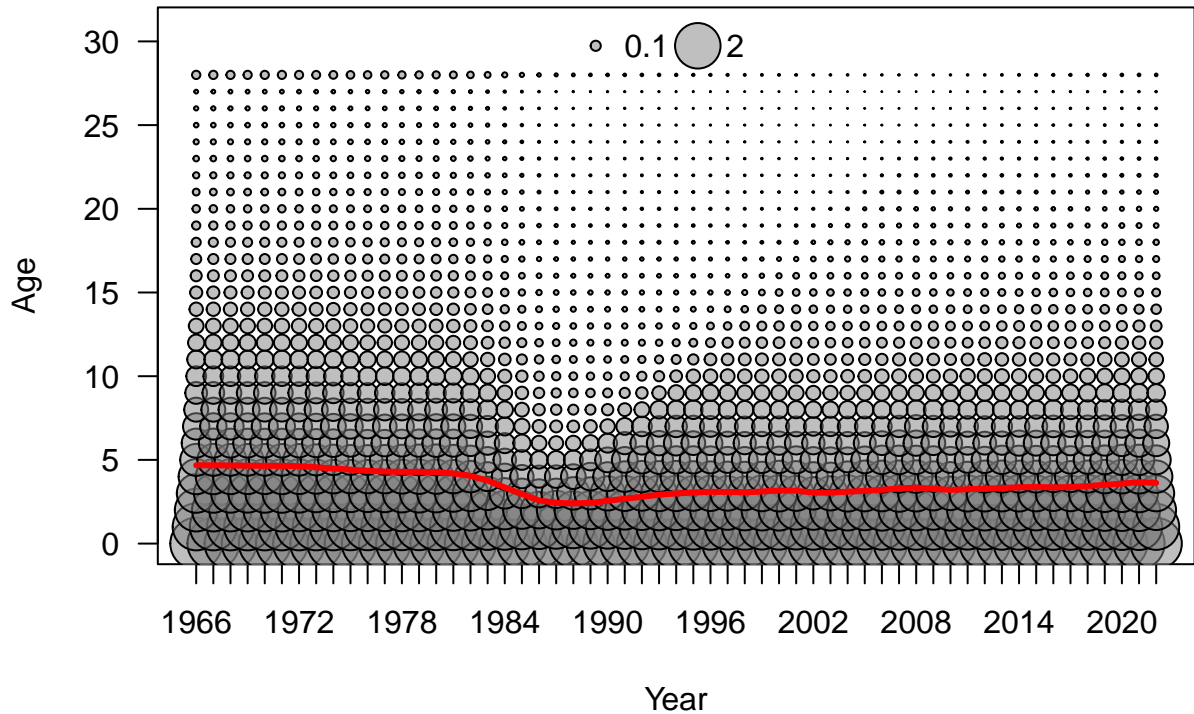


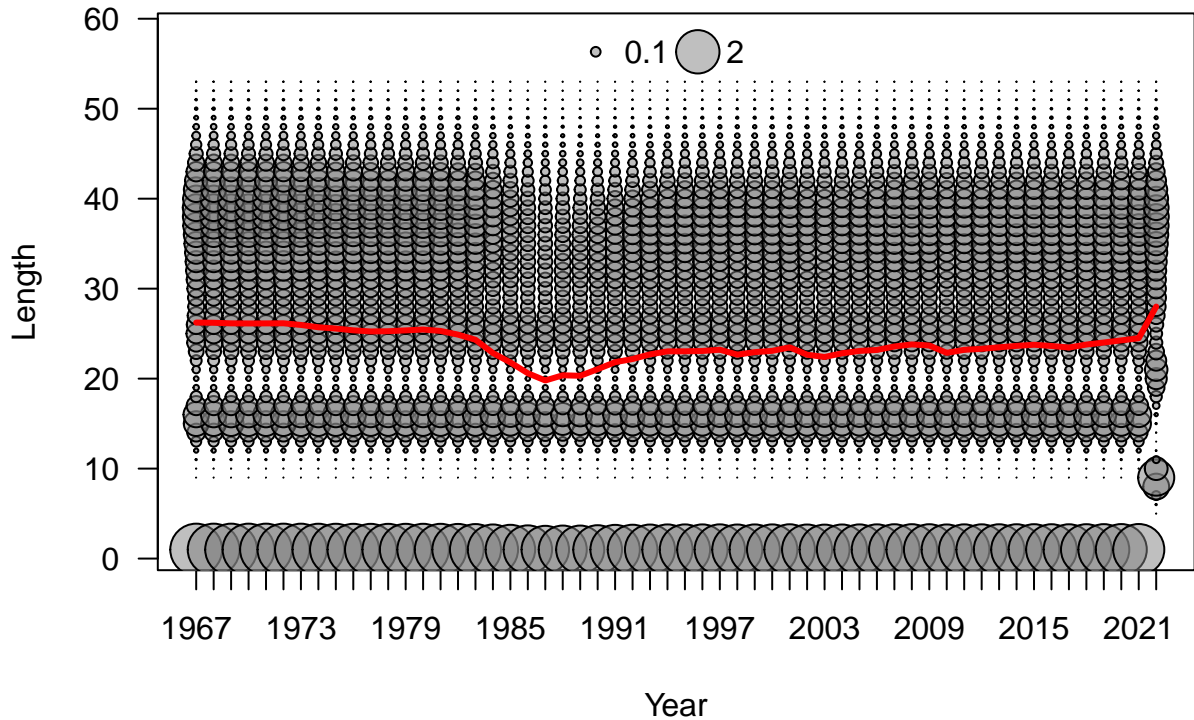


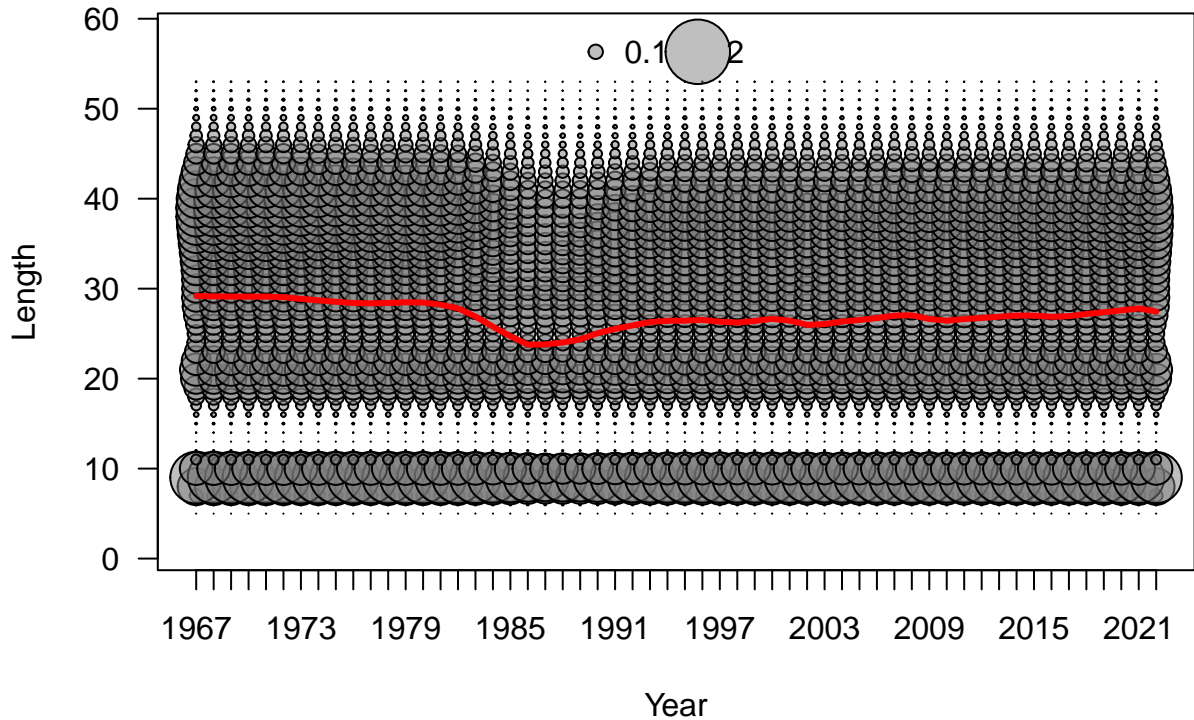


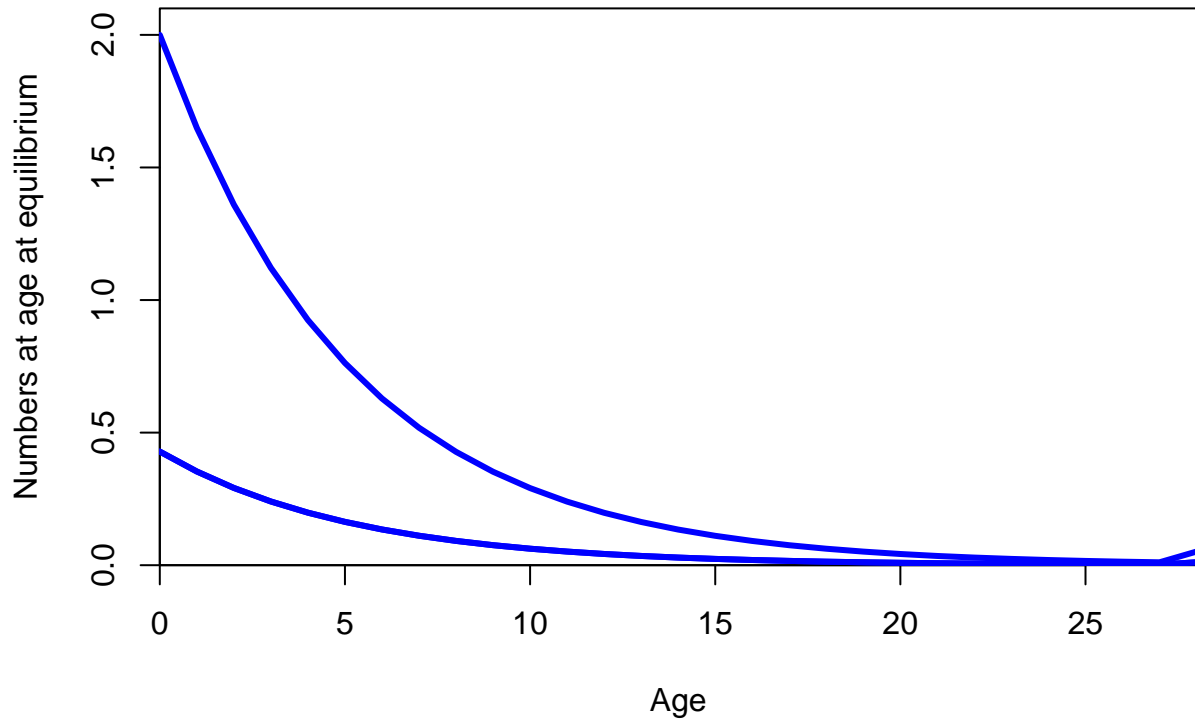


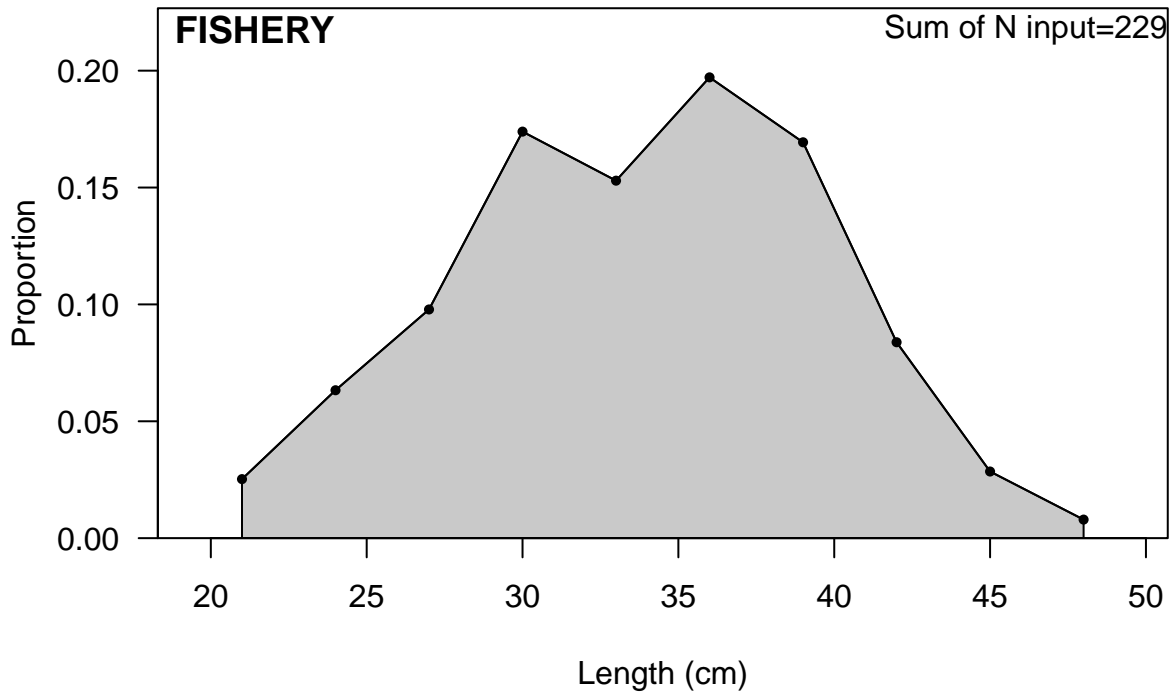


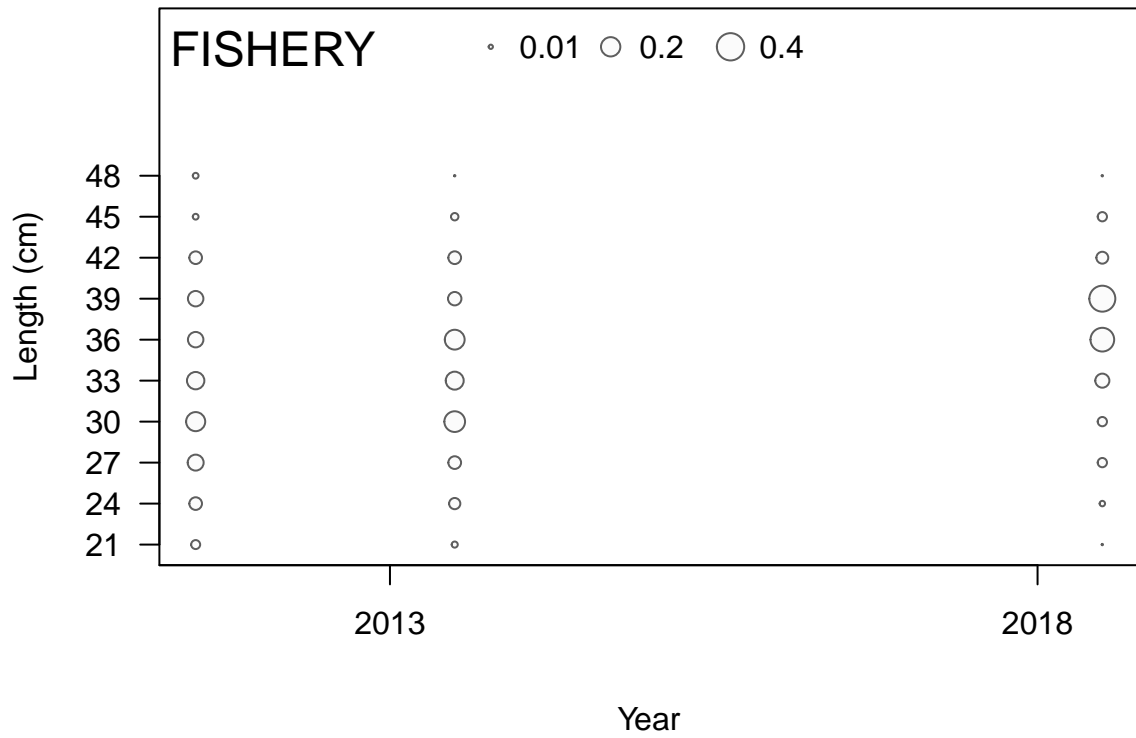






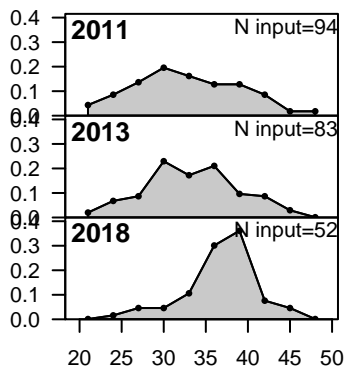




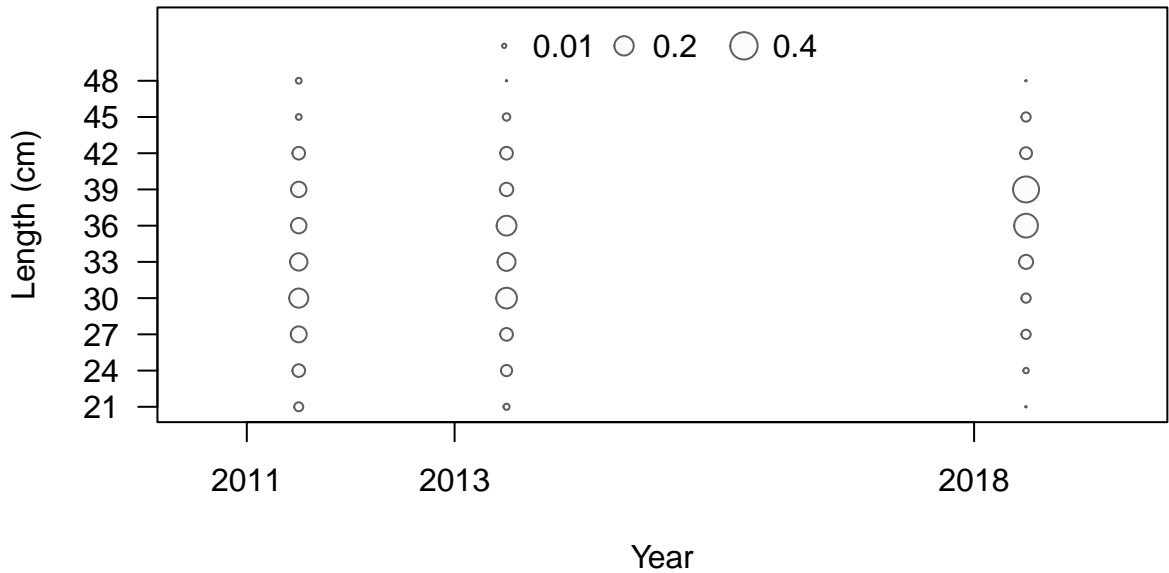




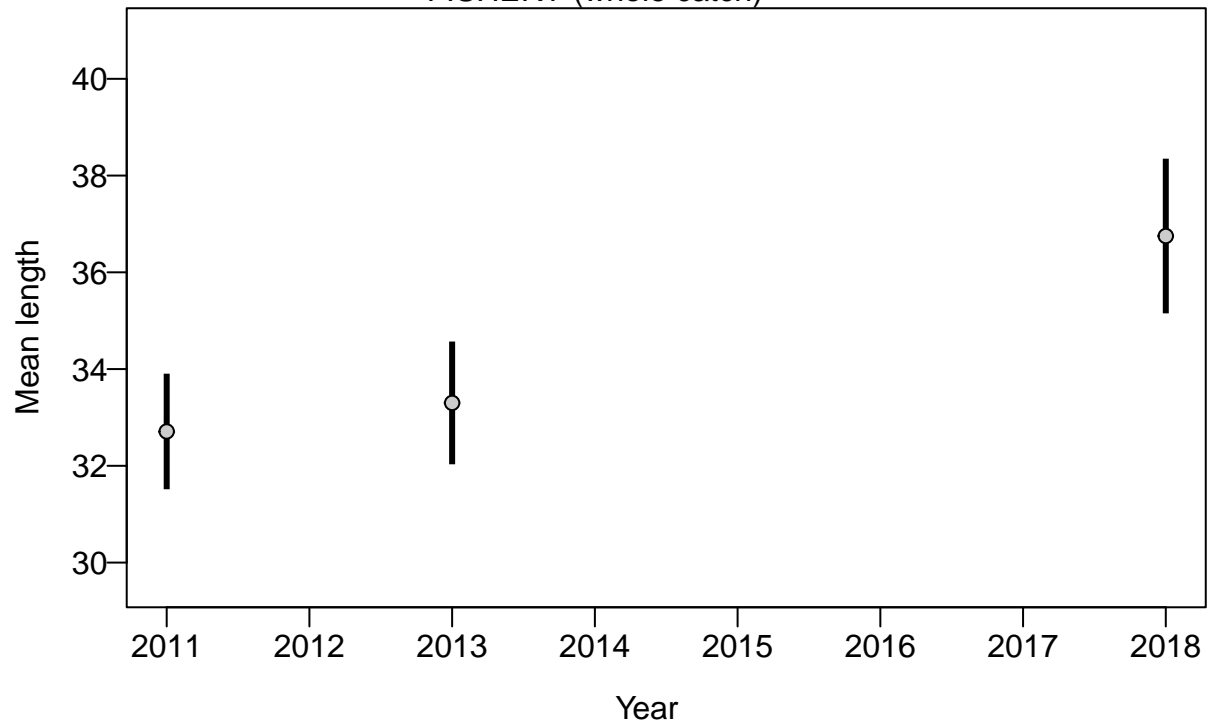
Proportion



Length (cm)

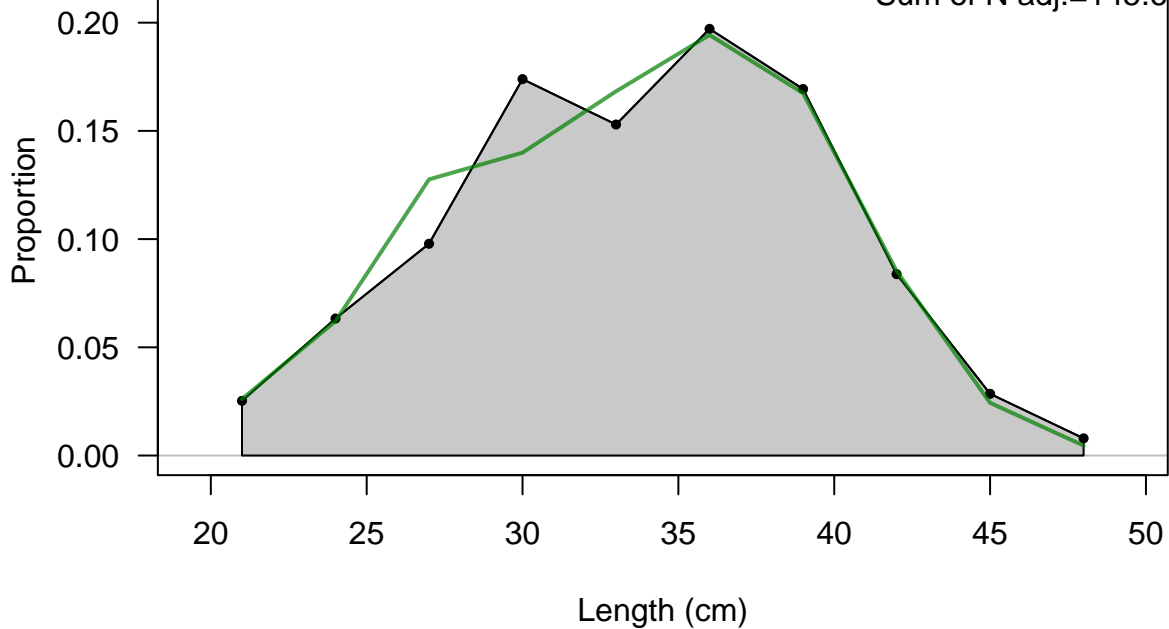


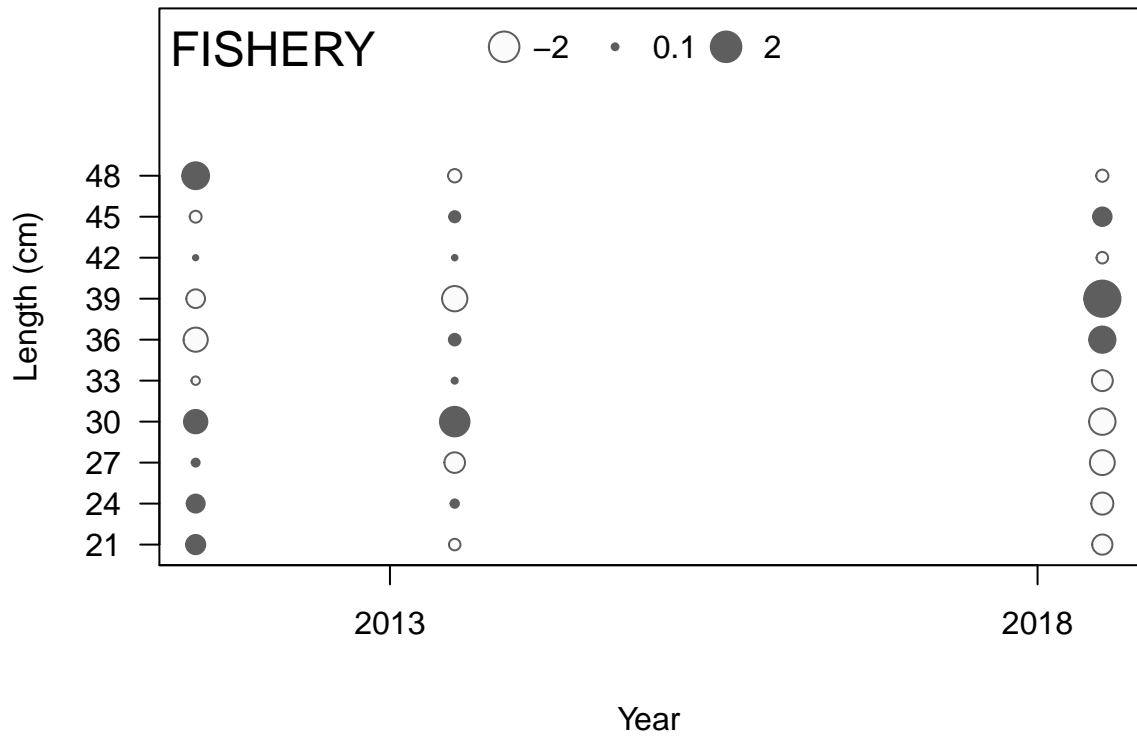
FISHERY (whole catch)



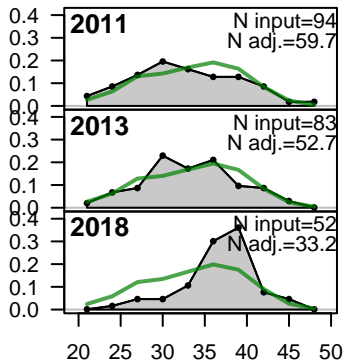
# FISHERY

Sum of N input=229  
Sum of N adj.=145.6

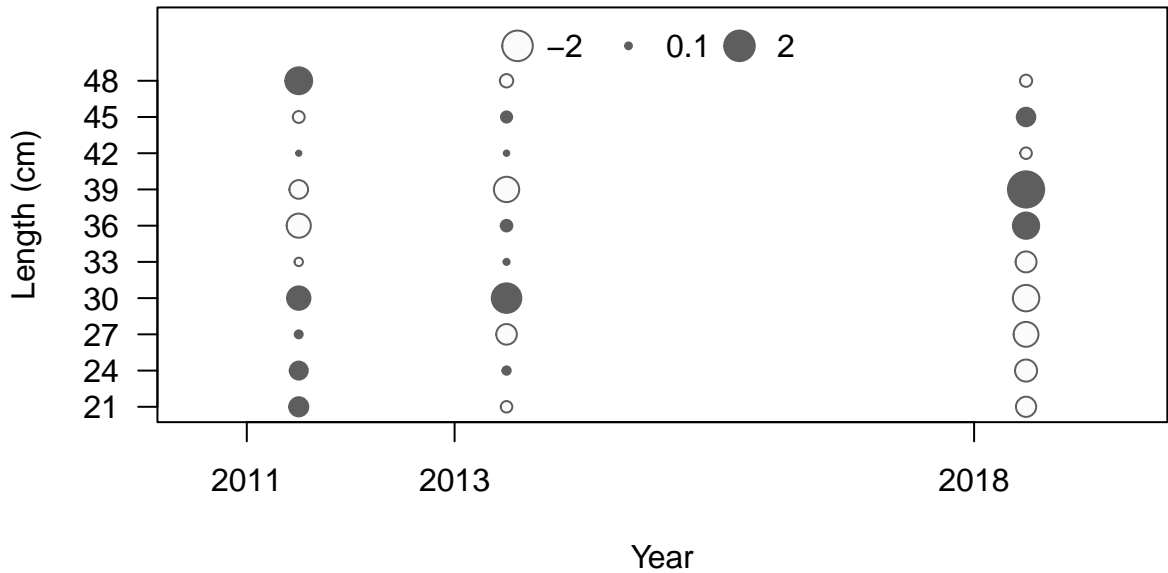




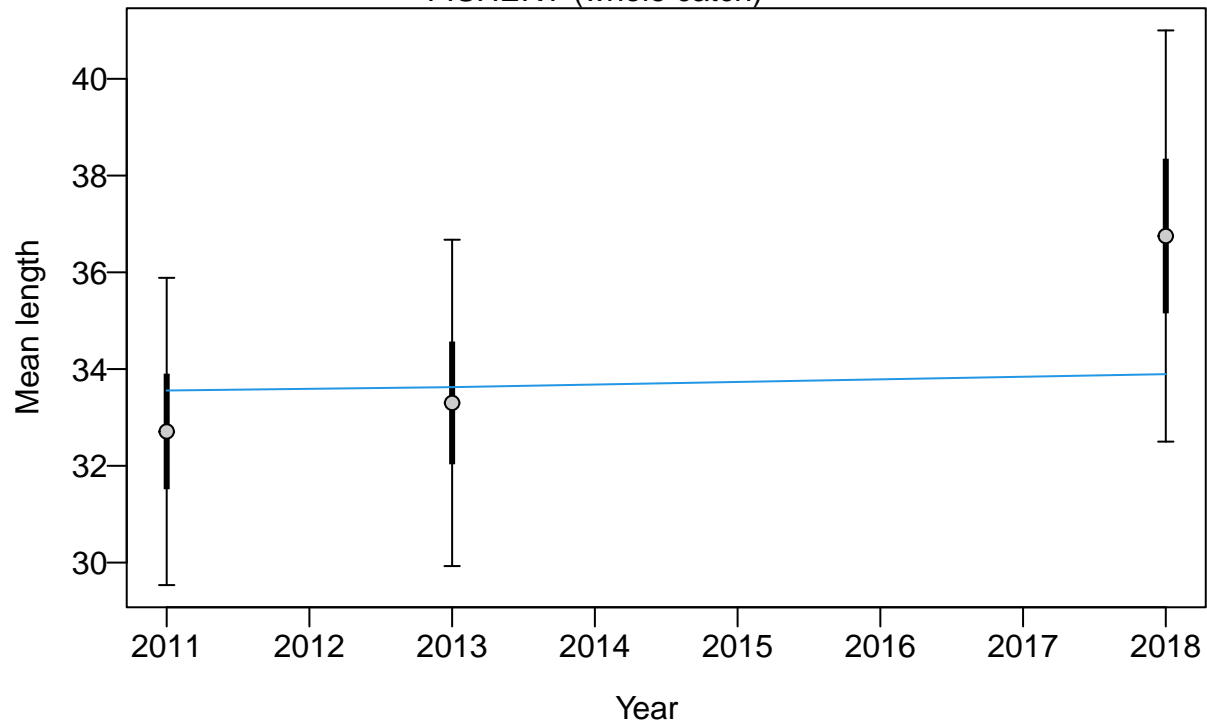
Proportion



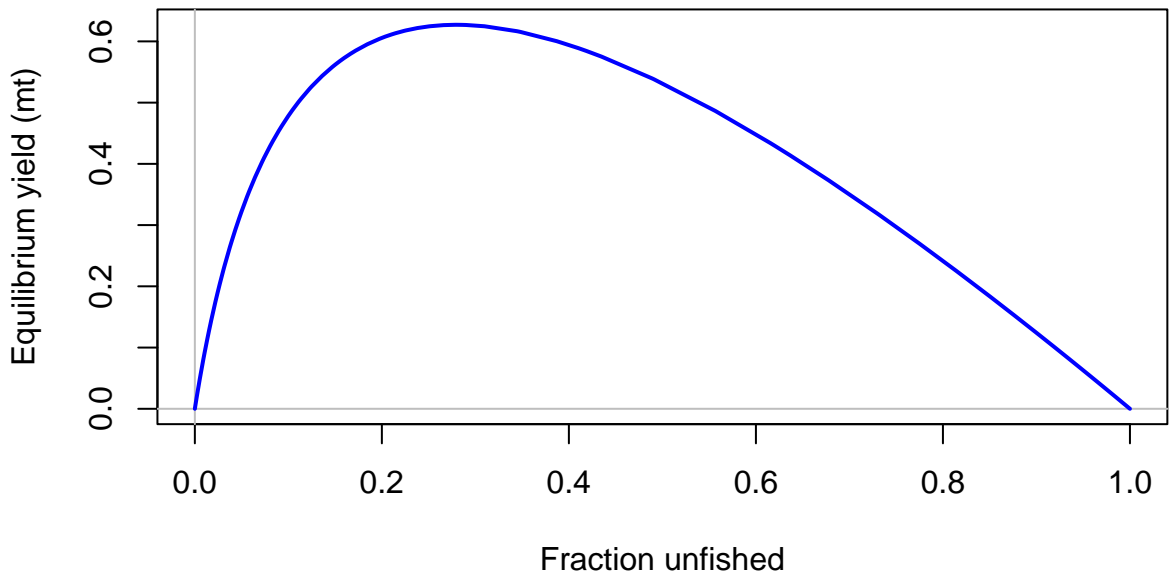
Length (cm)

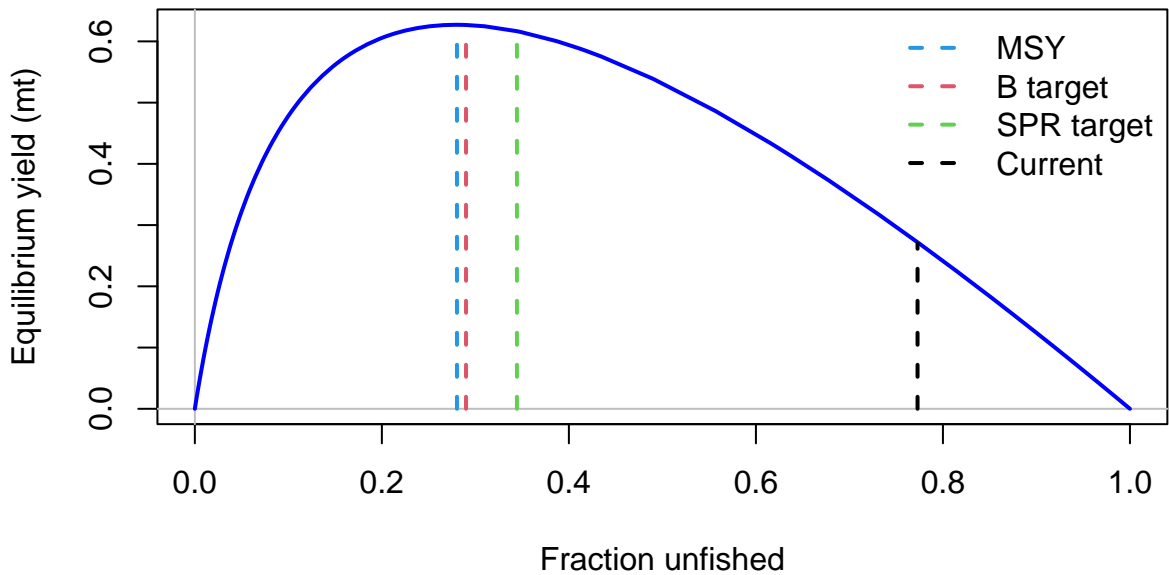


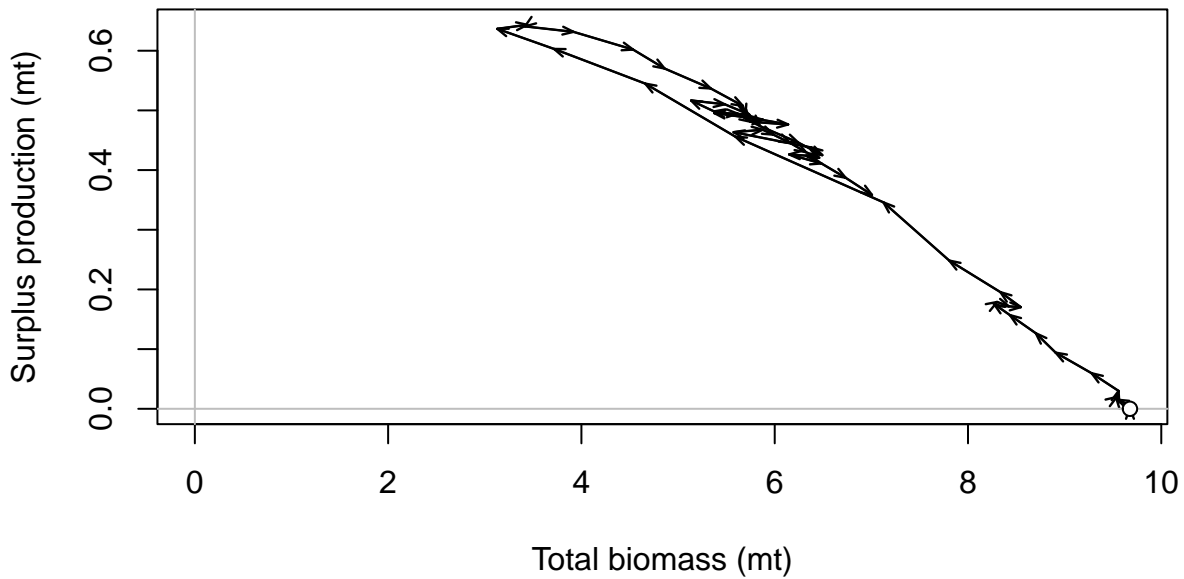
## FISHERY (whole catch)

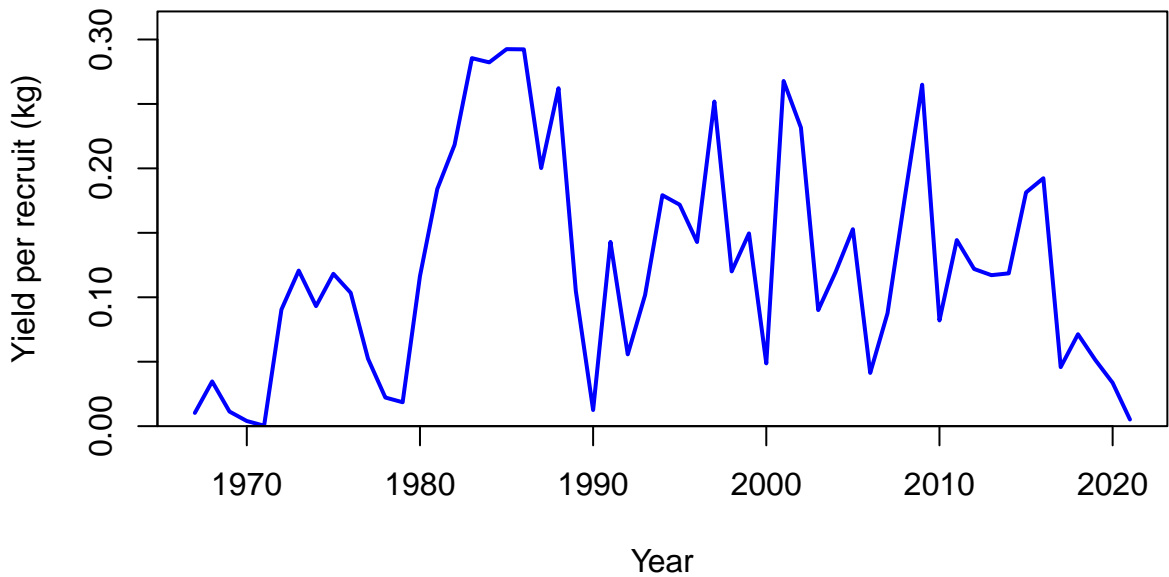


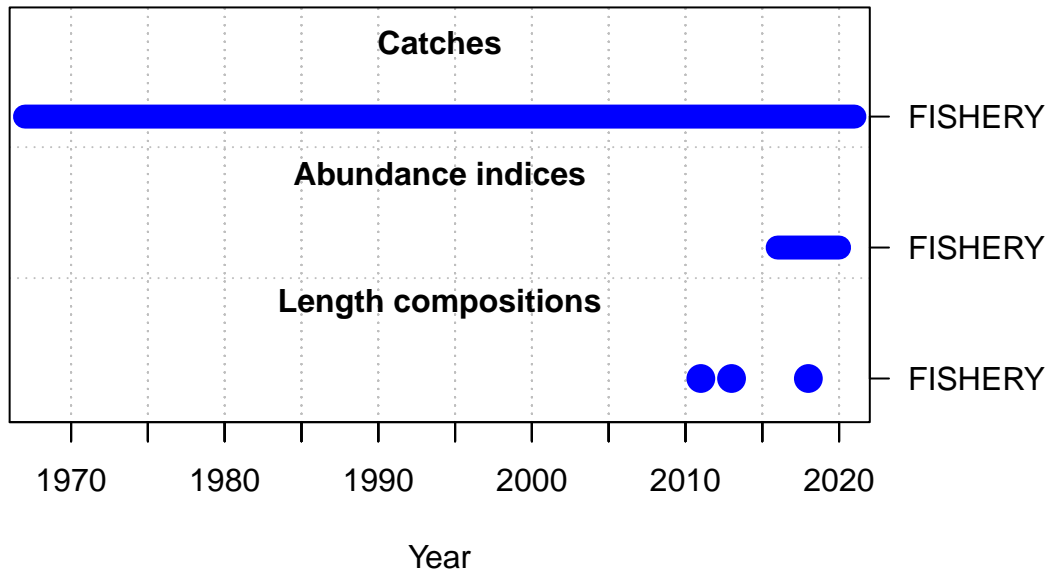


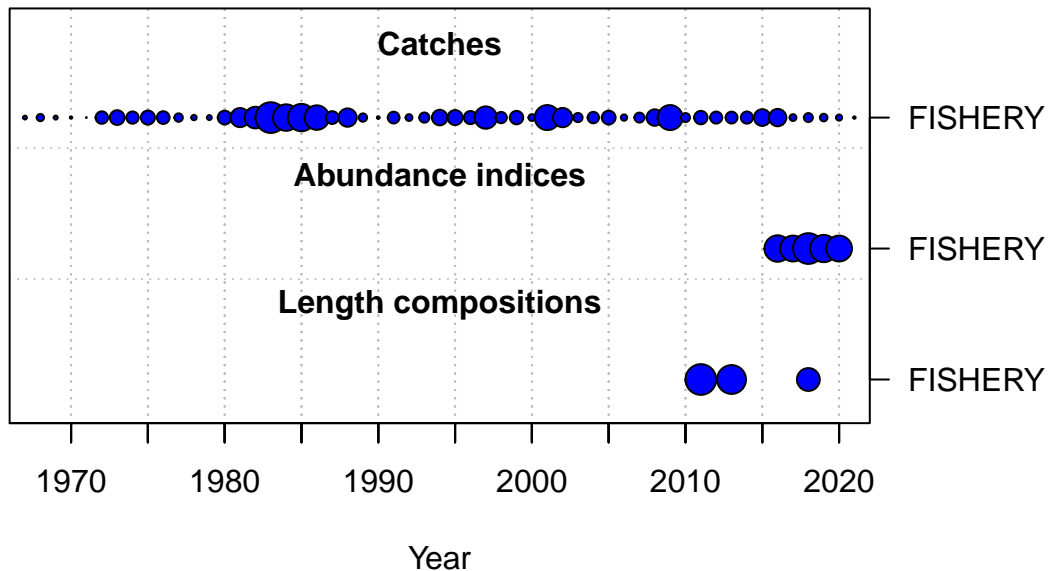








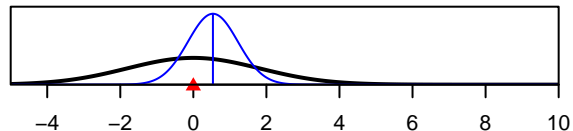




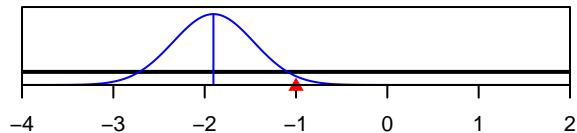
SR\_LN(R0)



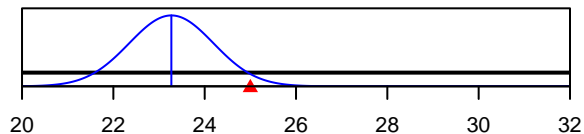
ln(DM\_theta)\_1



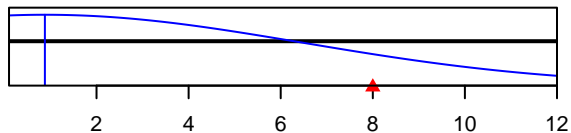
LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Size\_95%width\_FISHERY(1)



Parameter value