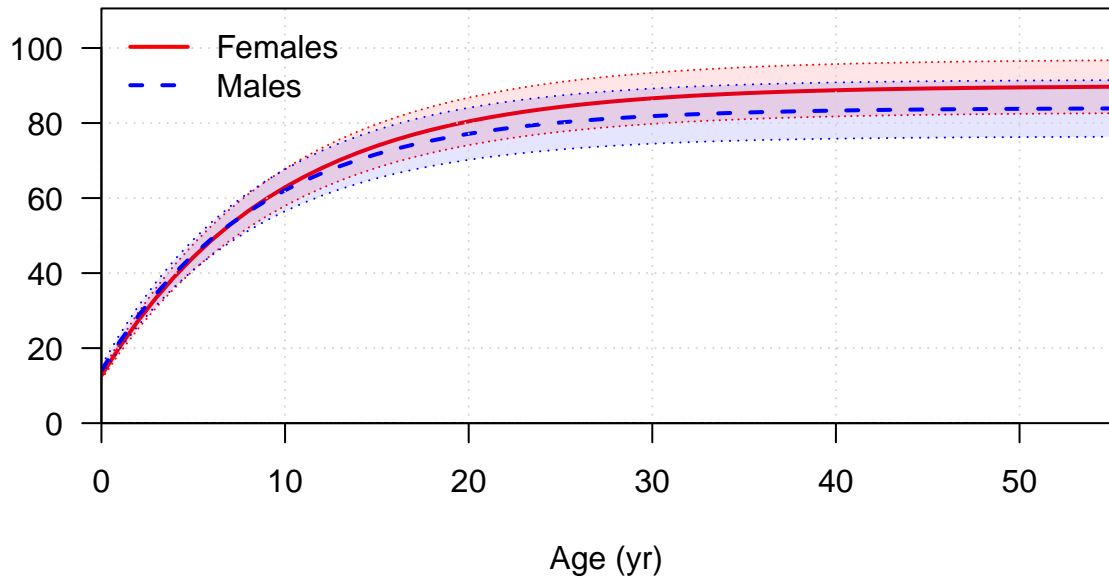


Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Fri Aug 12 17:40:30 2022  
Data\_File: data.ss  
Control\_File: control.ss

Length (cm, beginning of the year)











































Fecundity



Fecundity



Spawning output

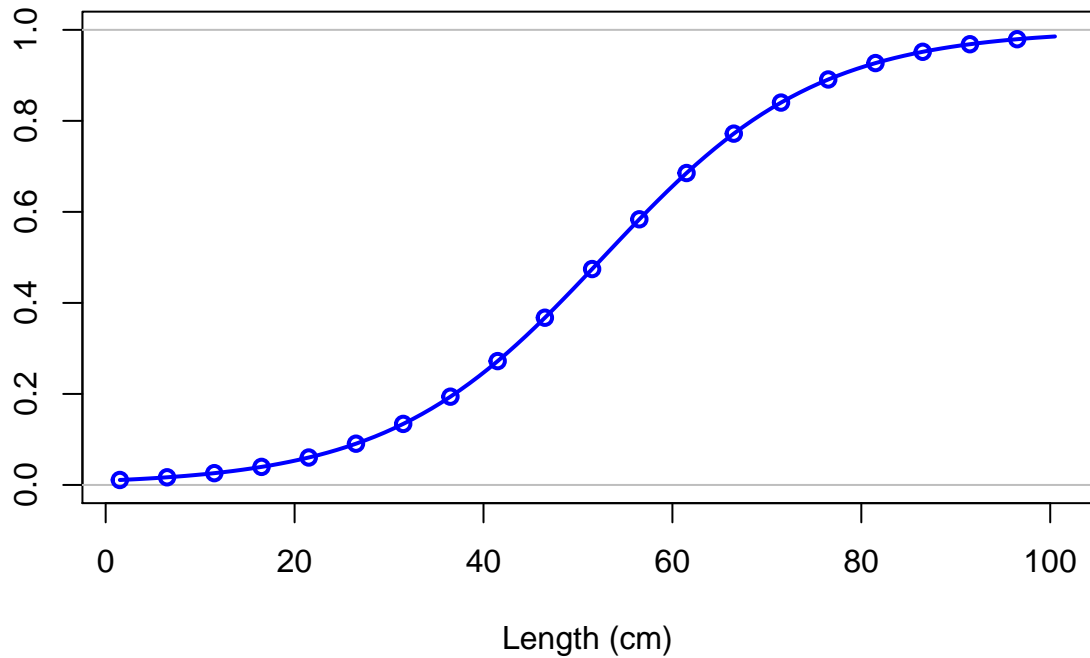


Spawning output

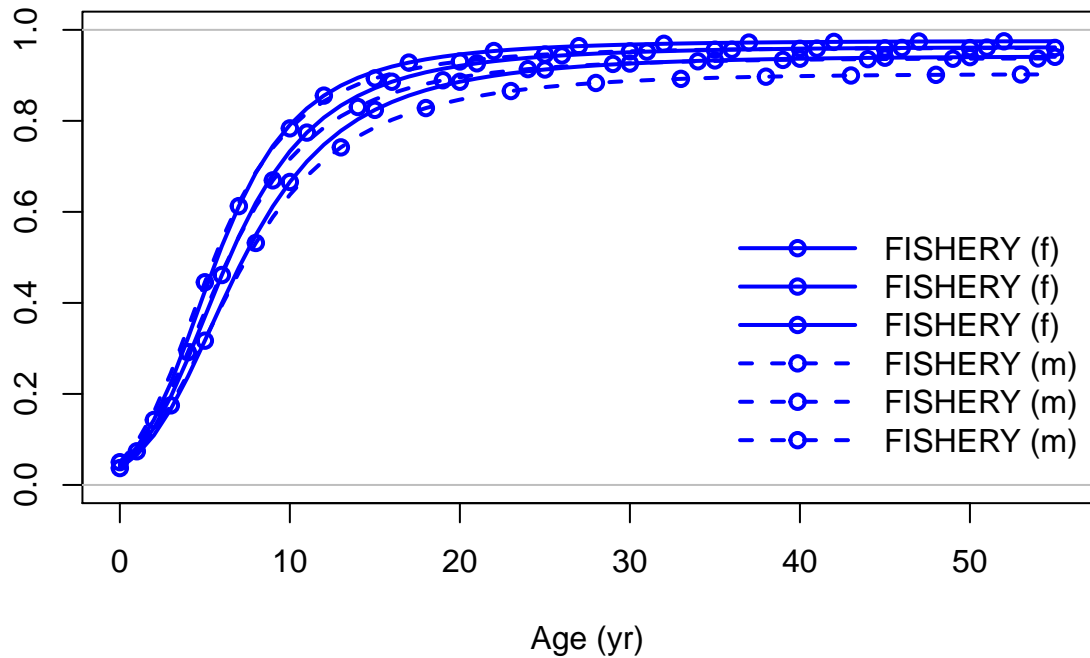




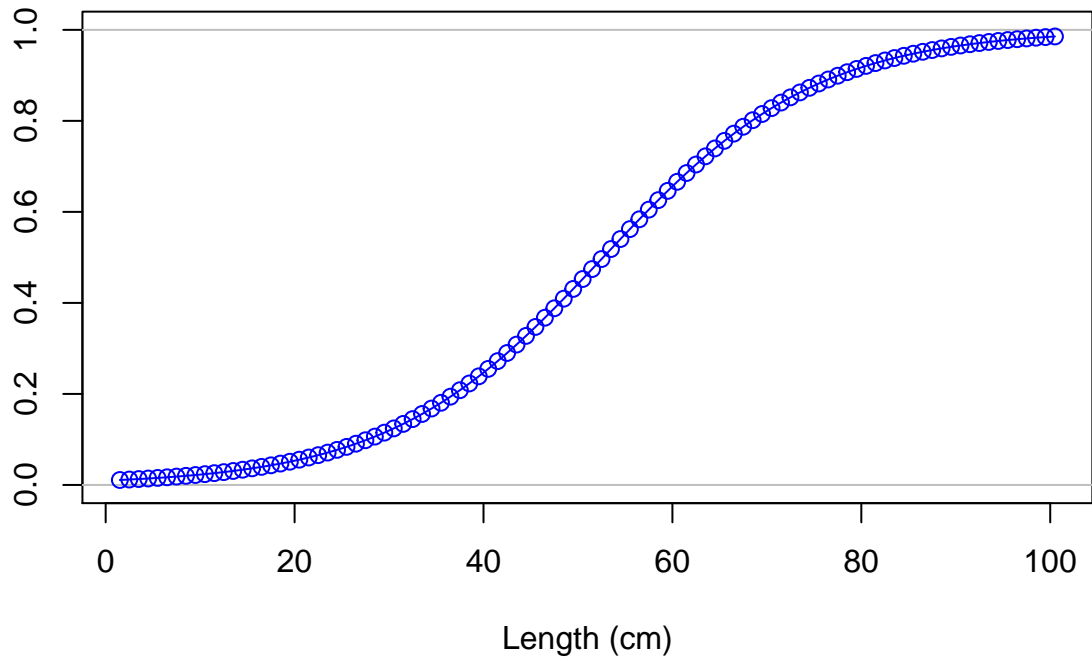
Selectivity



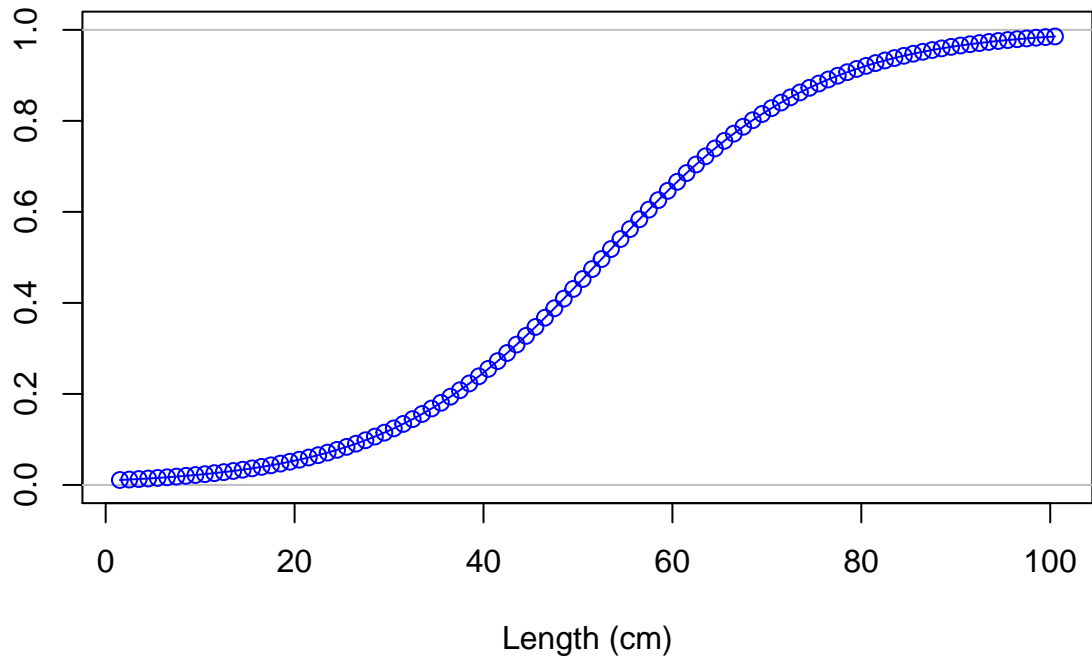
Selectivity

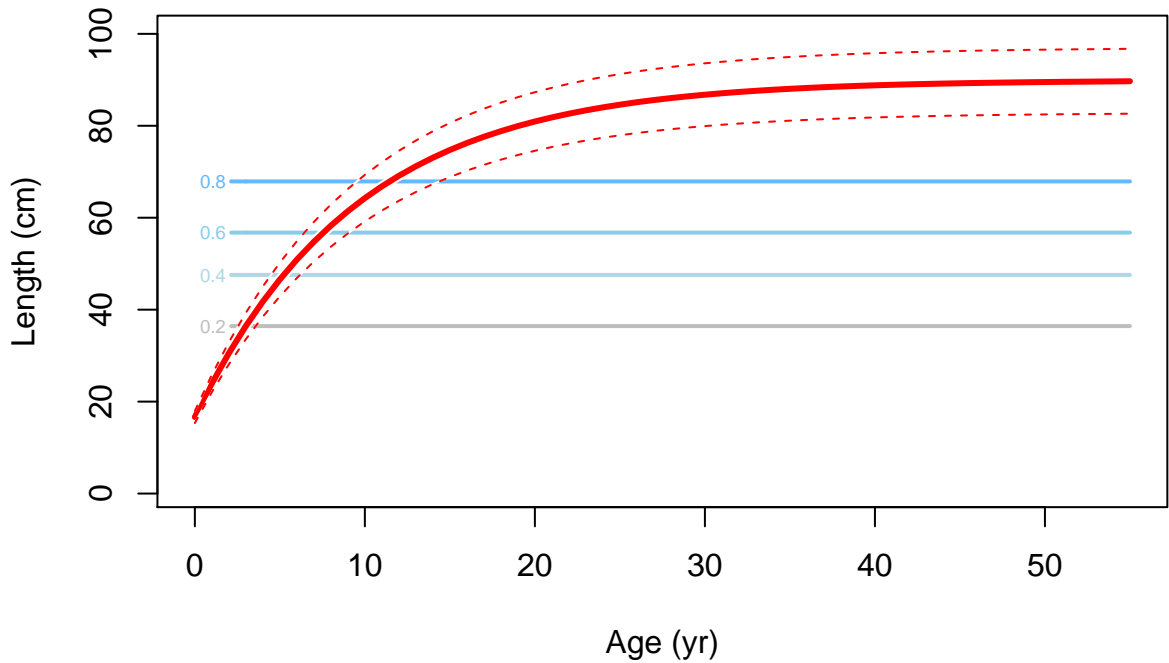


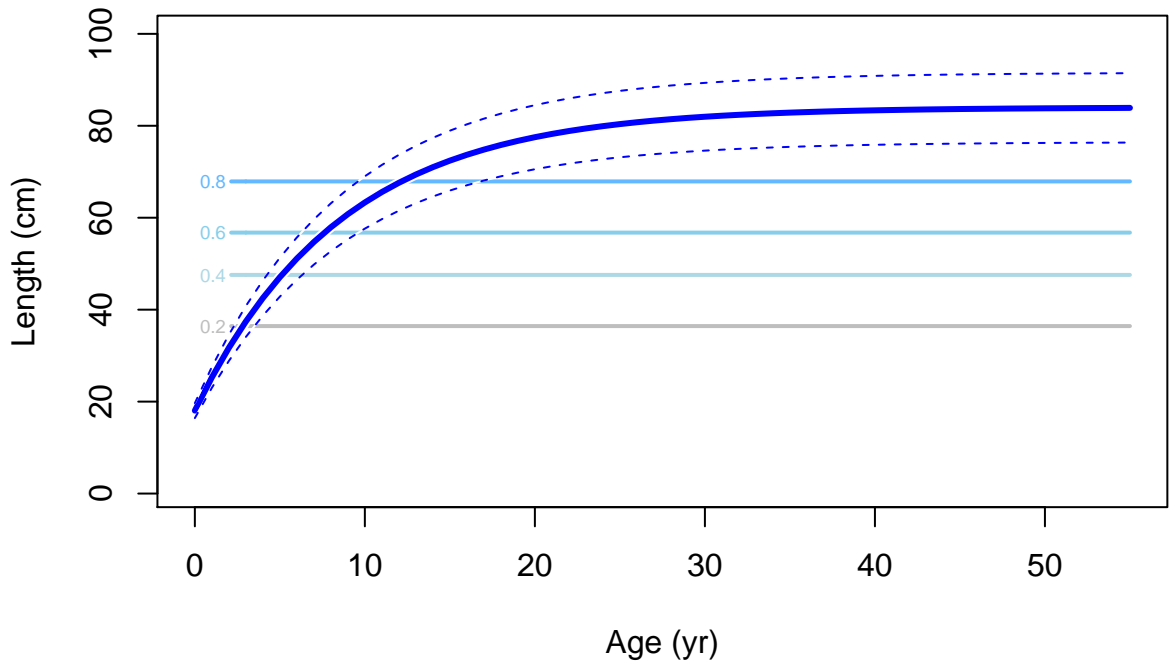
Selectivity

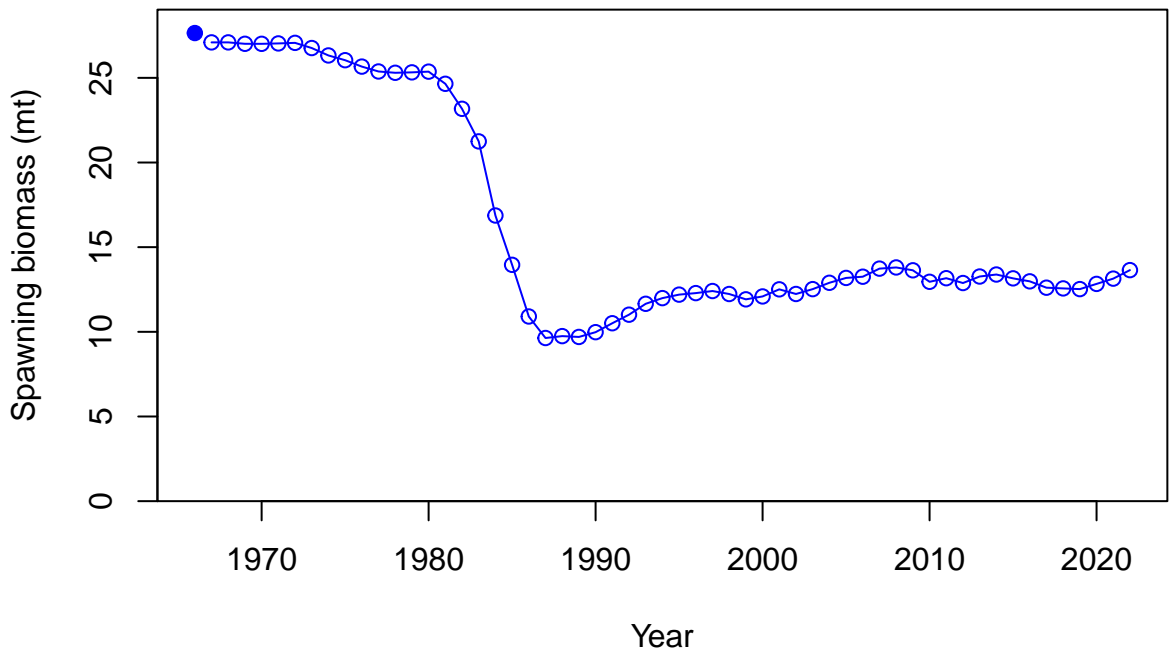


Selectivity

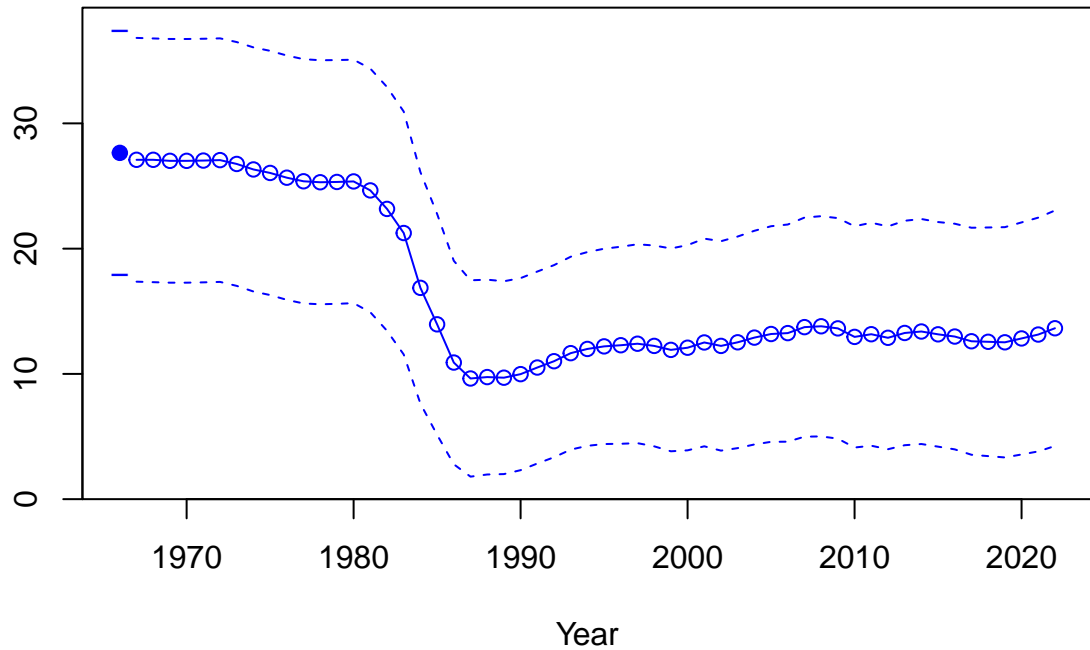






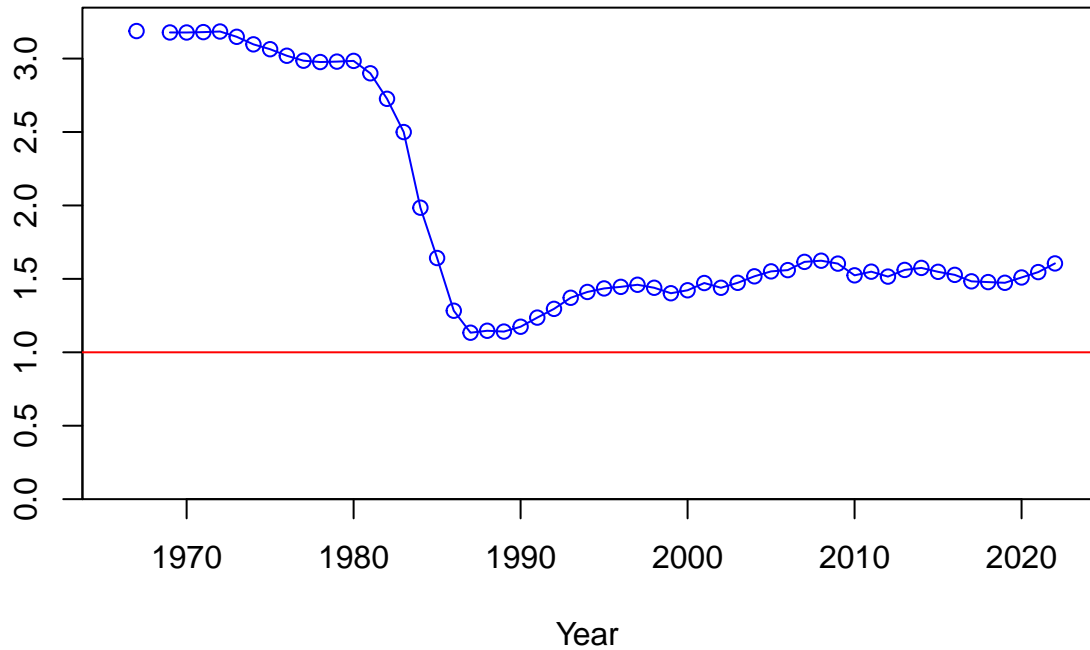


Spawning biomass (mt)

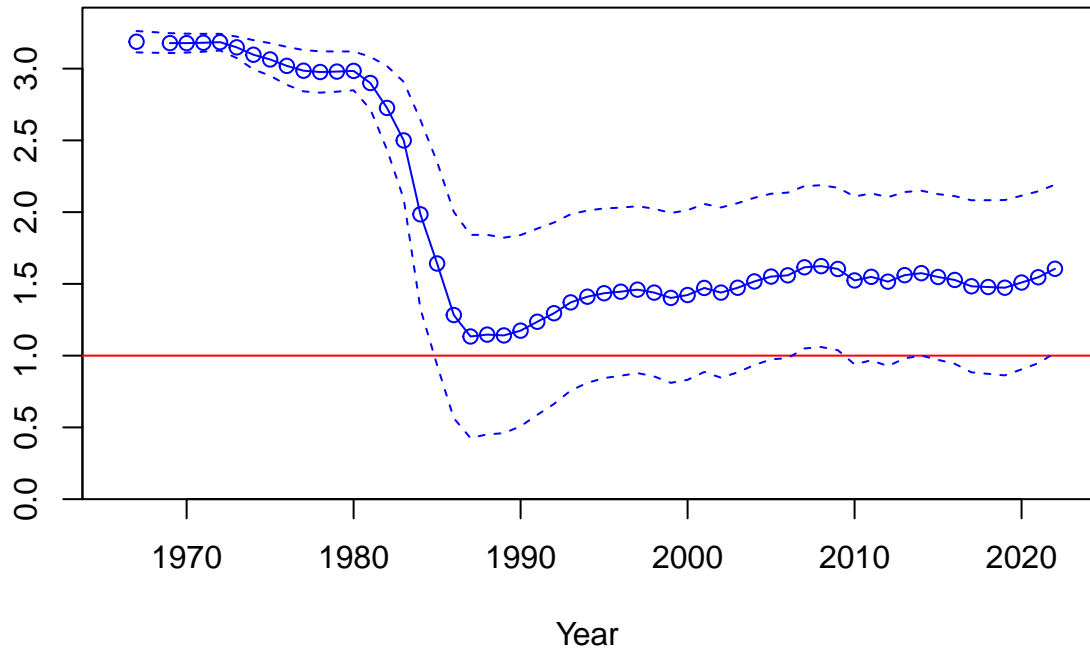


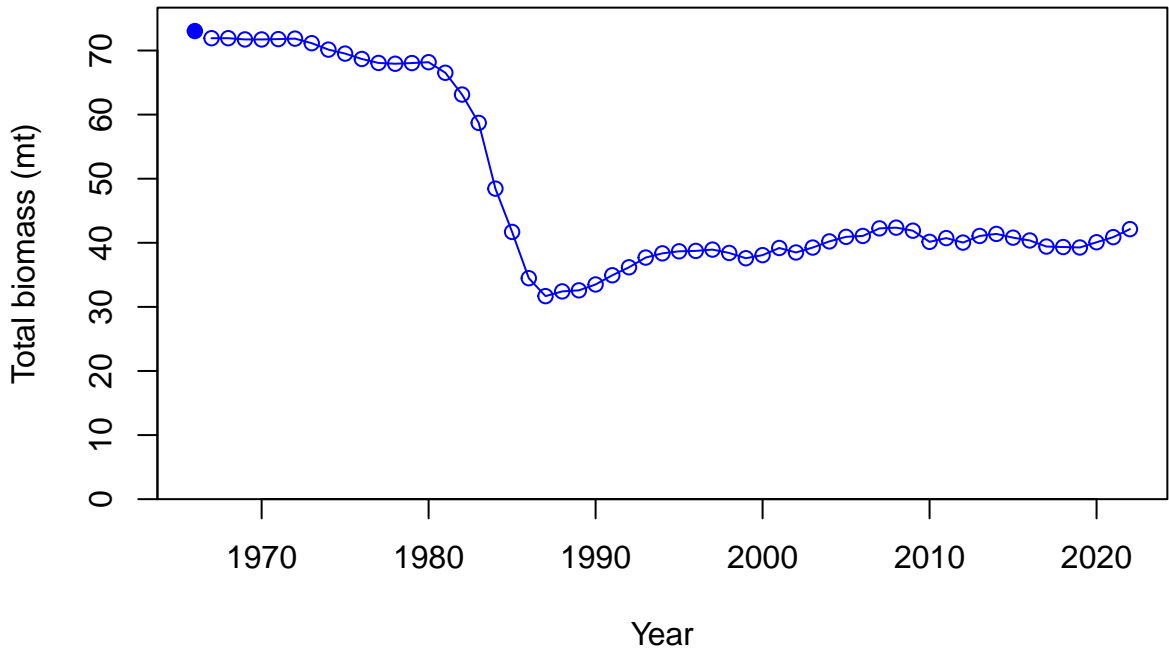


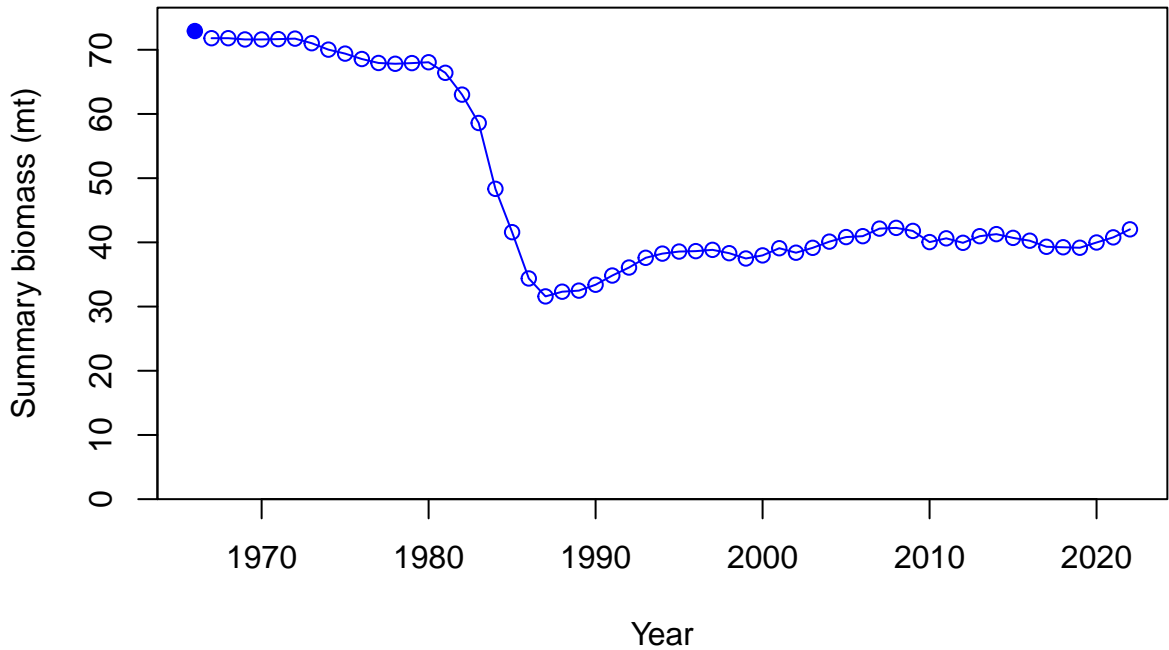
Relative spawning biomass:  $B/B_{MSY}$

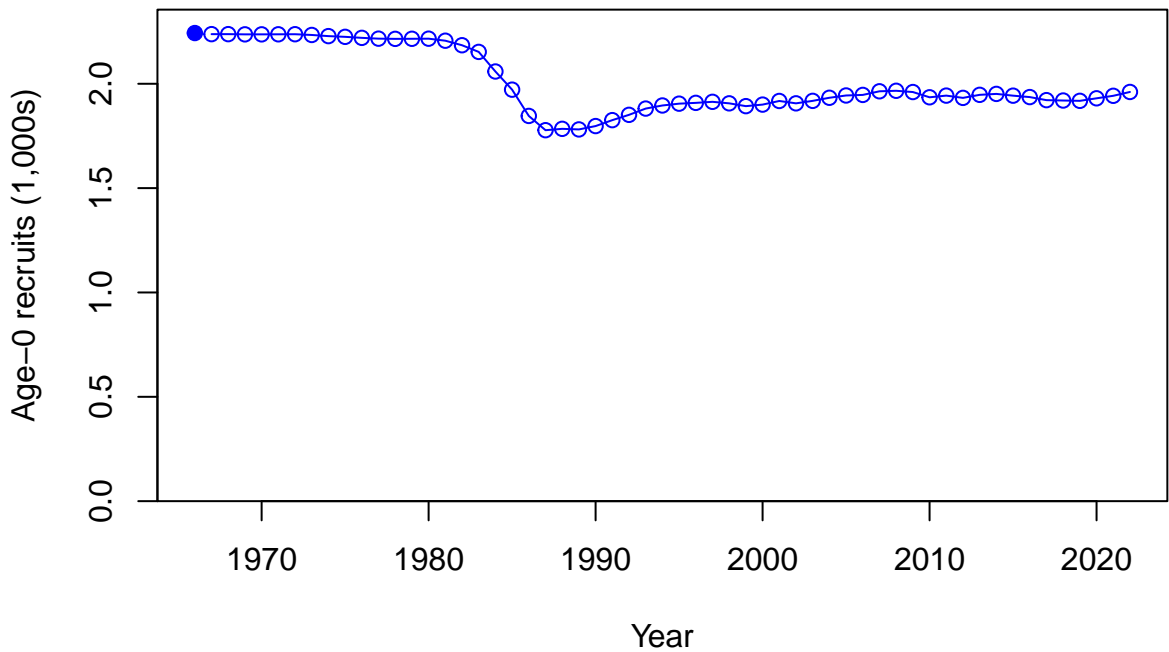


Relative spawning biomass:  $B/B_{MSY}$

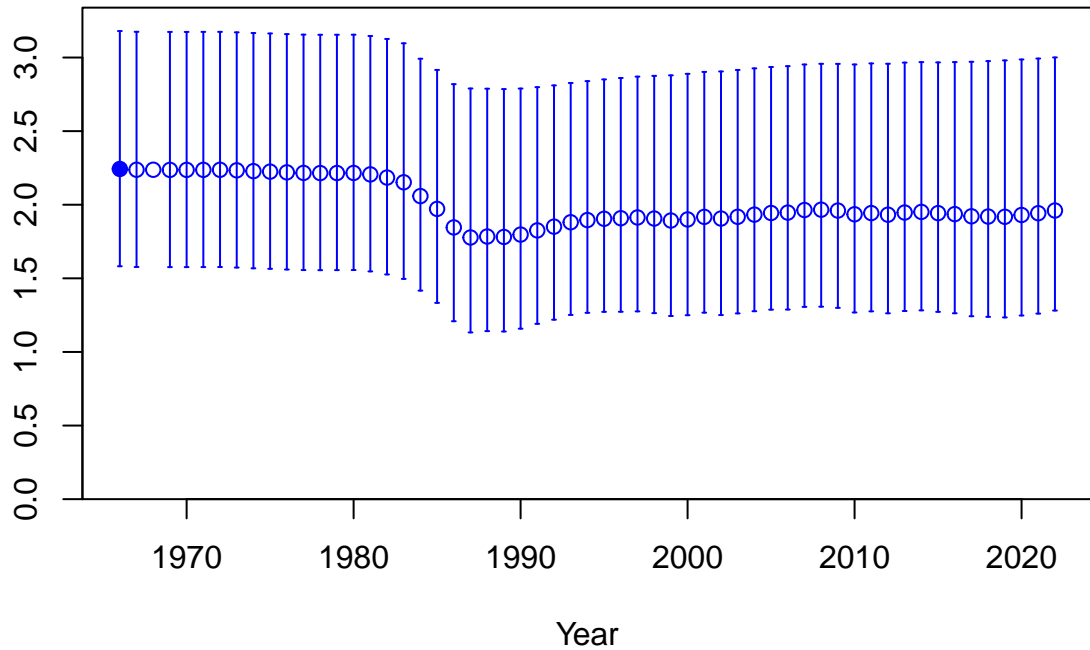




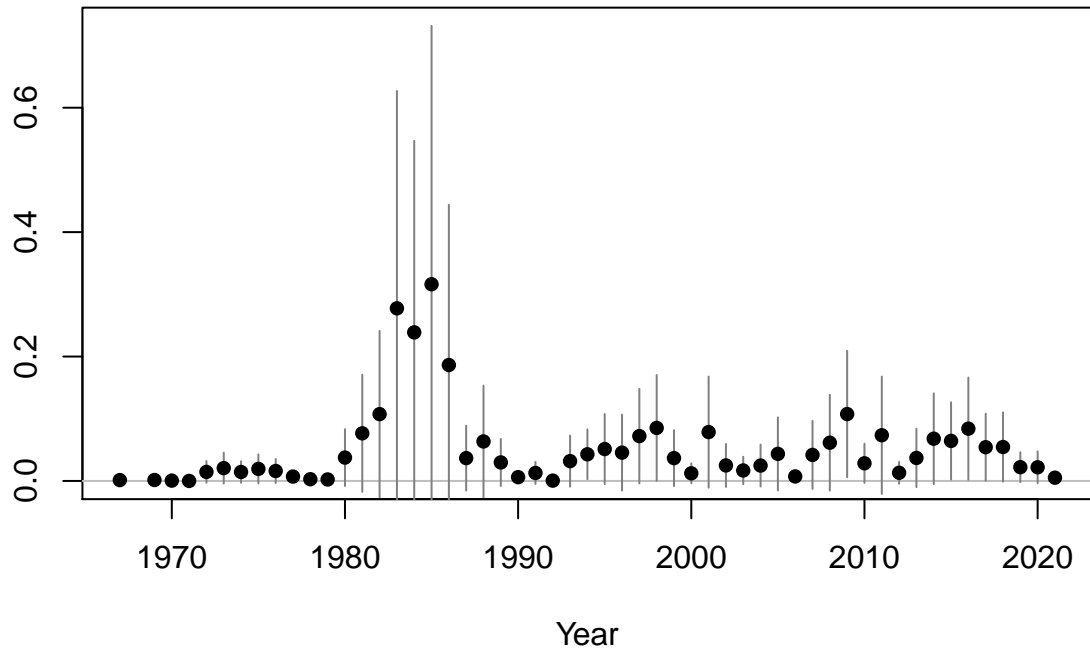


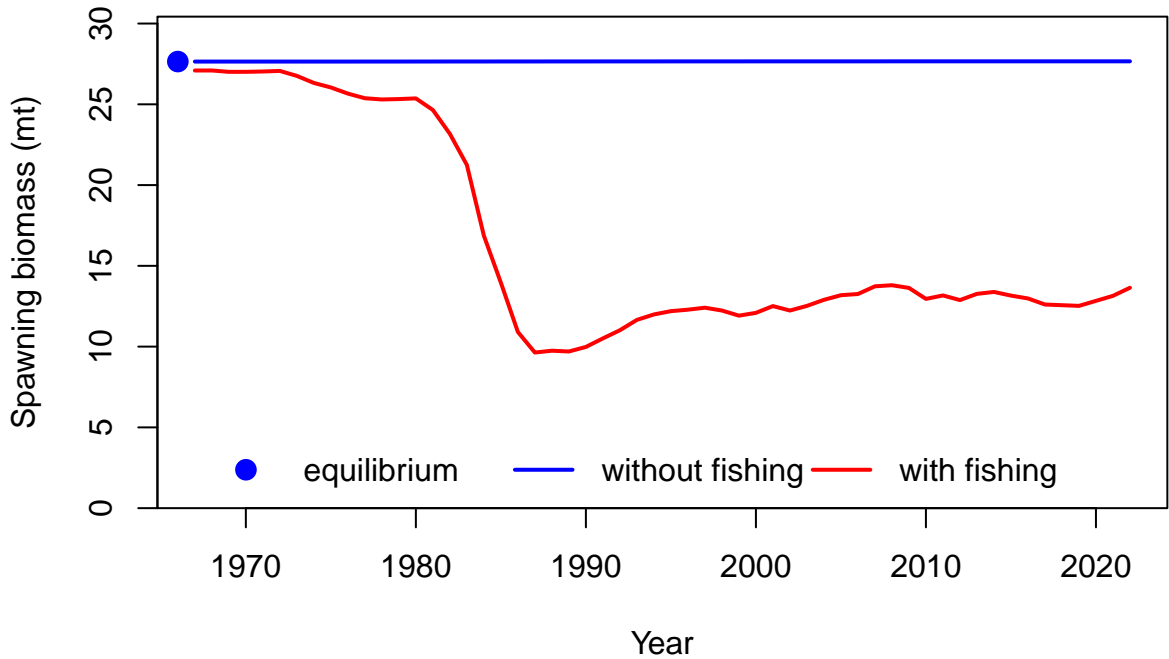


Age-0 recruits (1,000s)

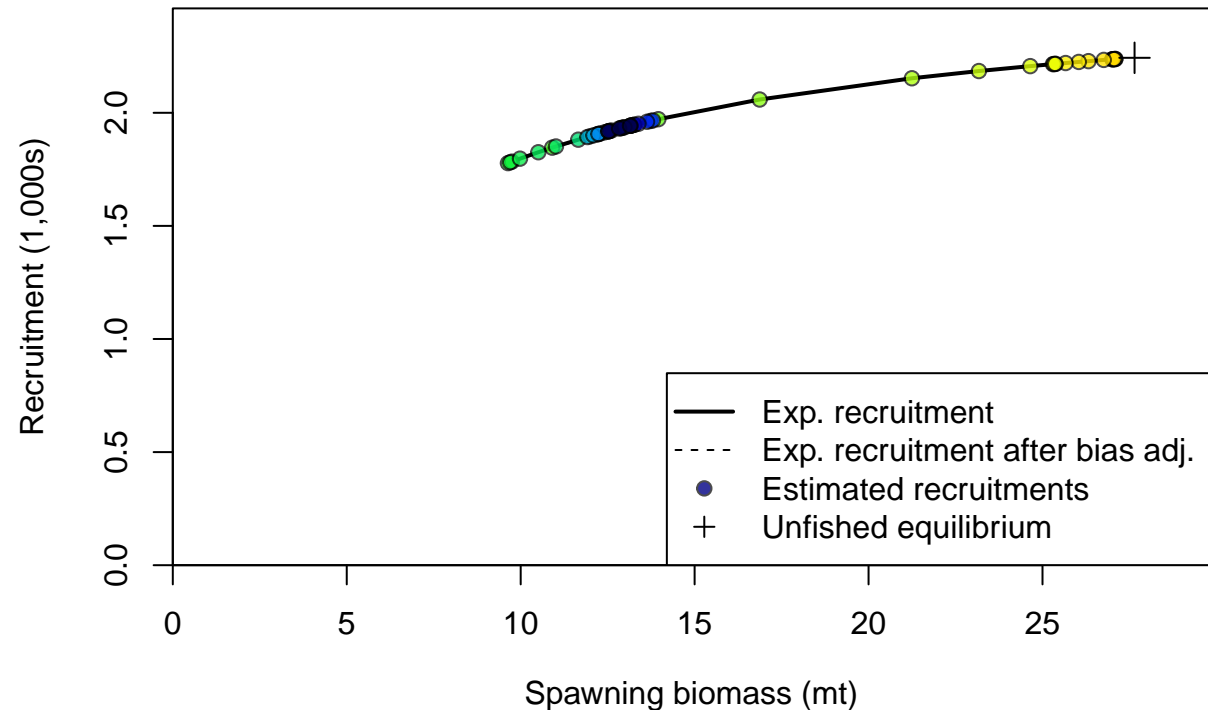


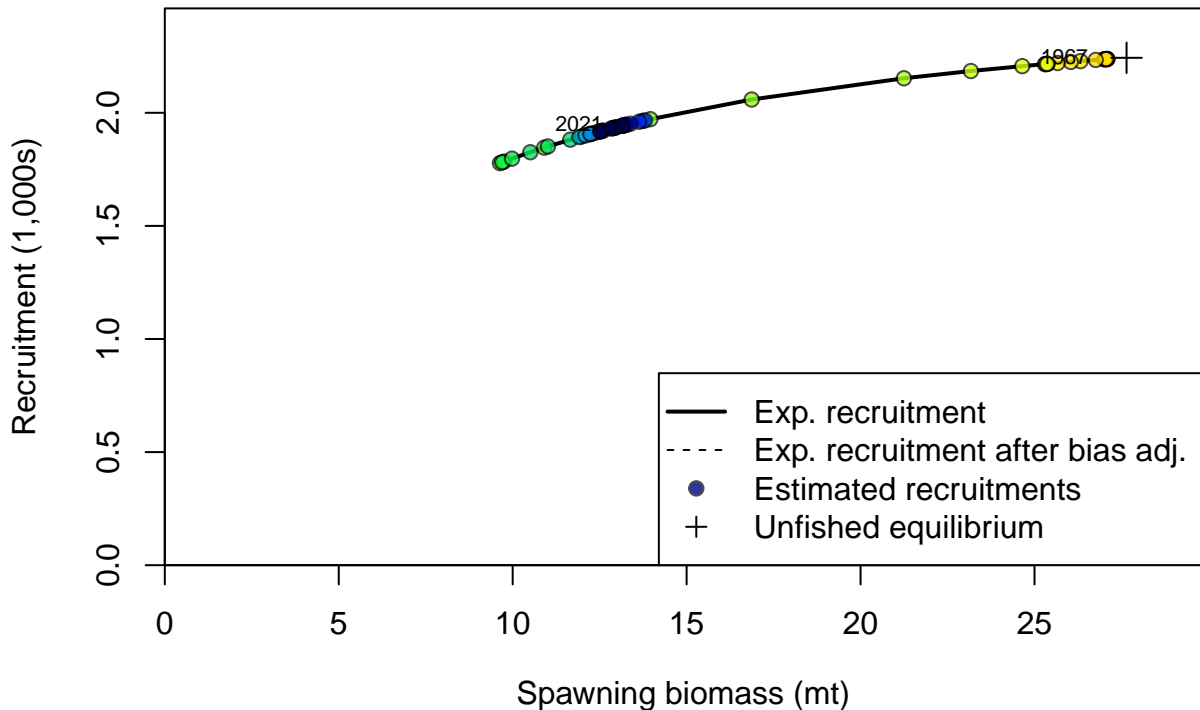
Summary Fishing Mortality

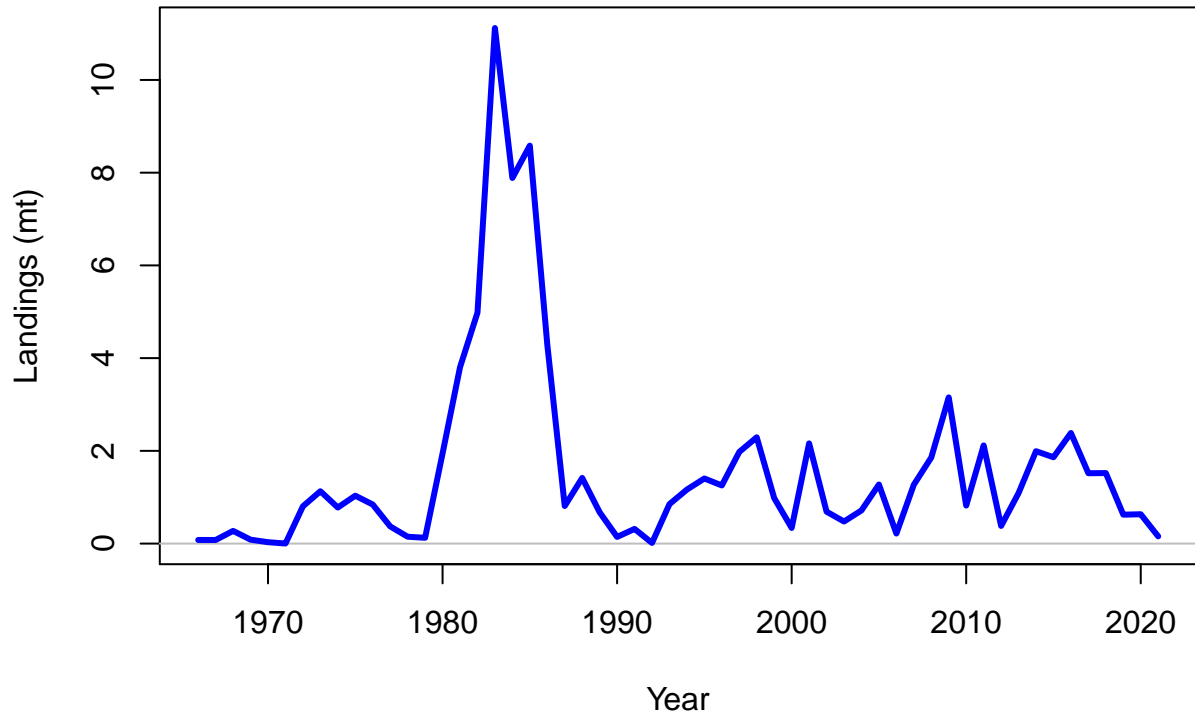


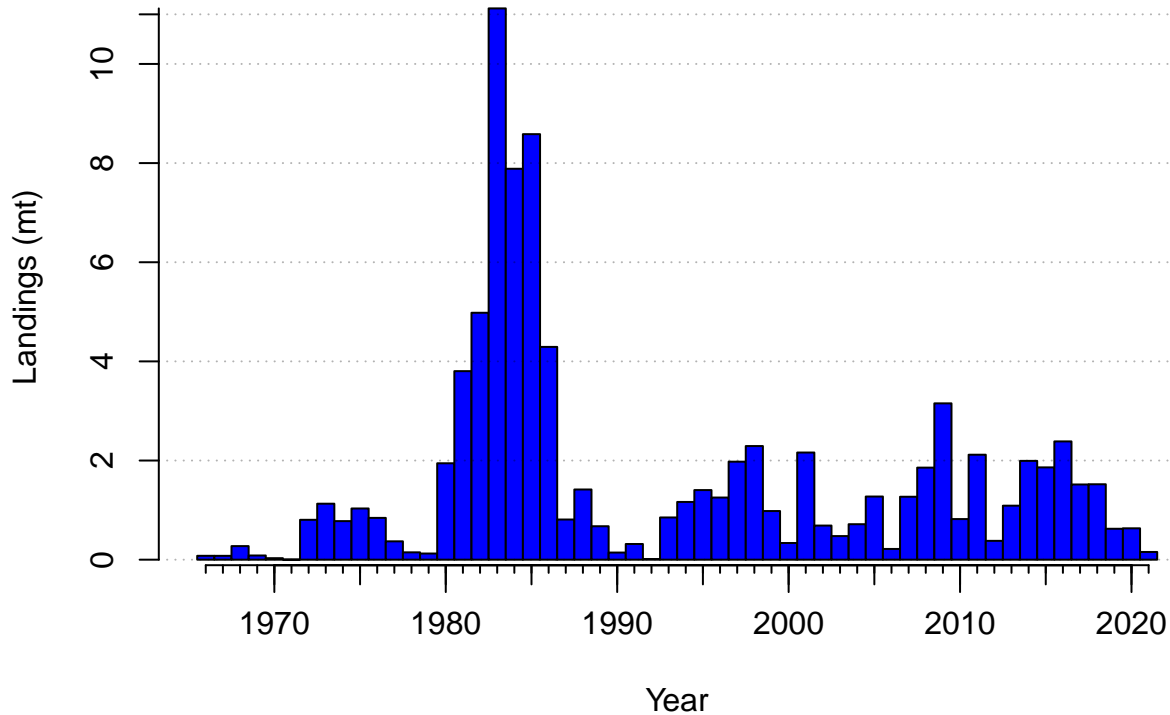




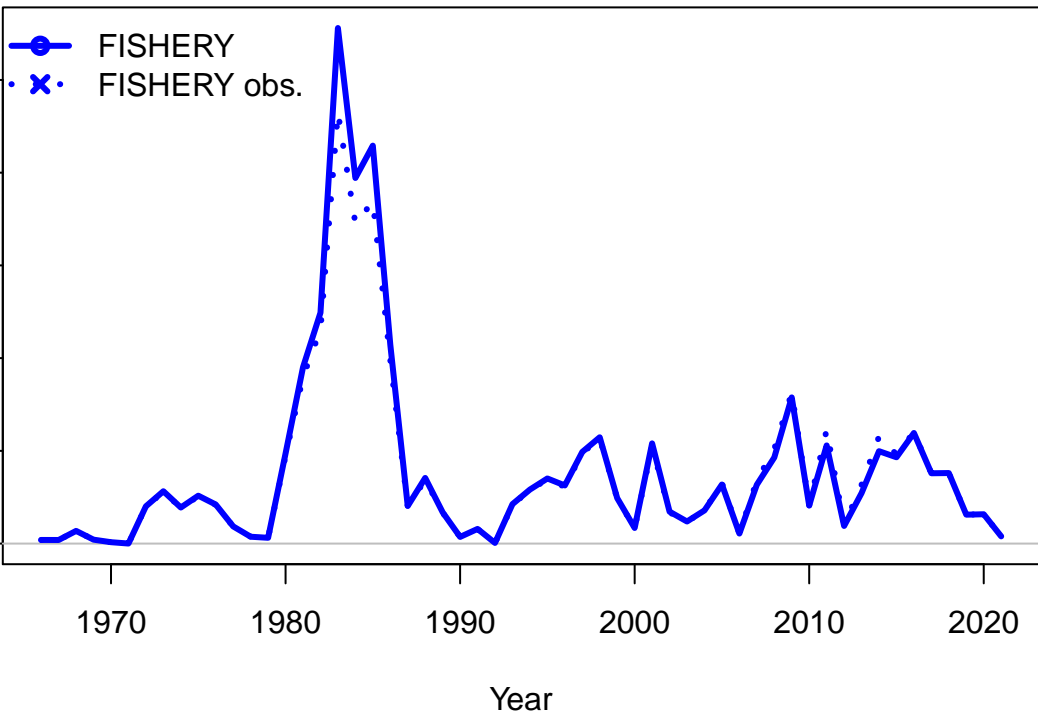


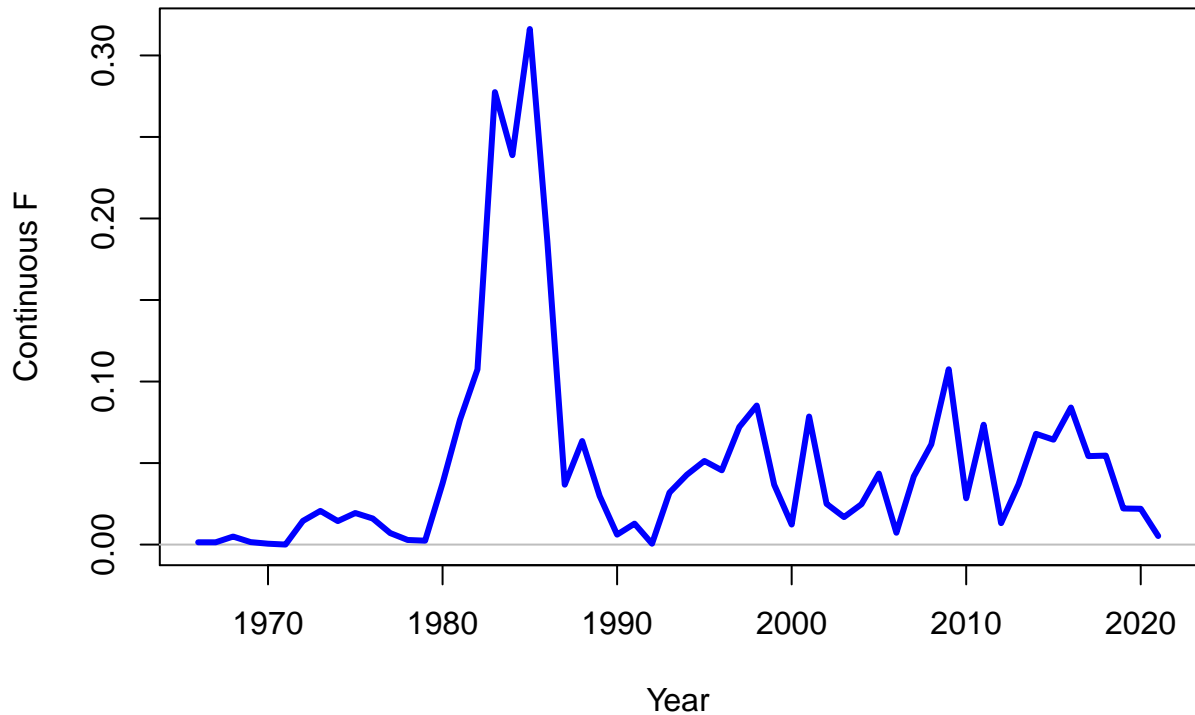




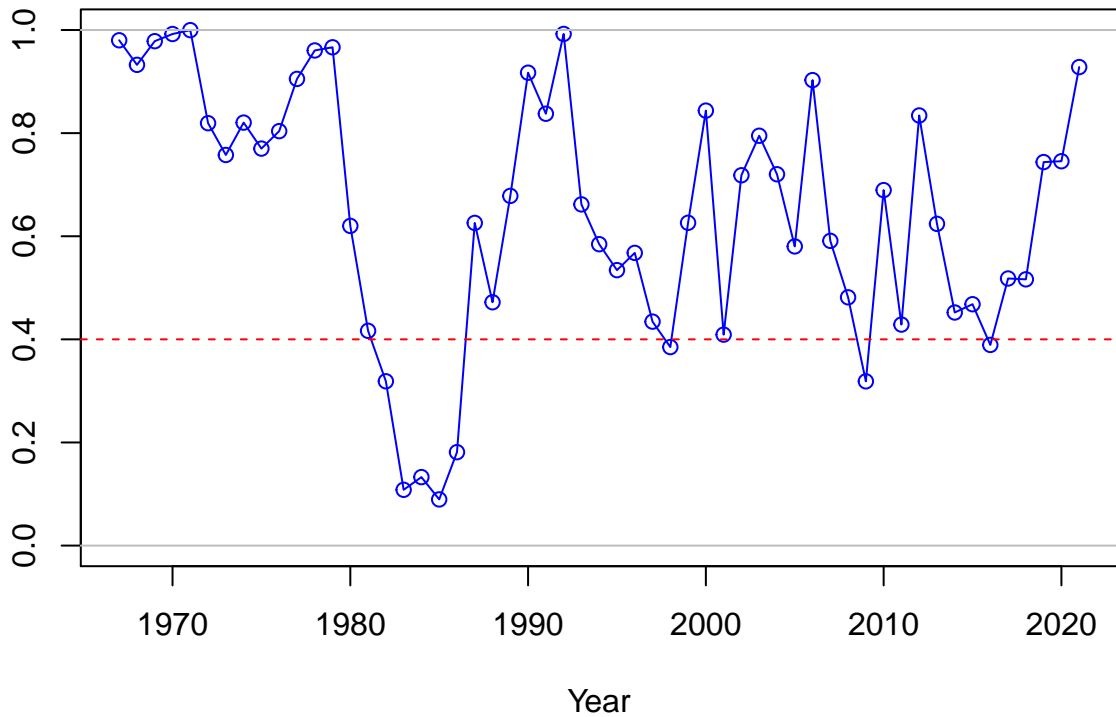


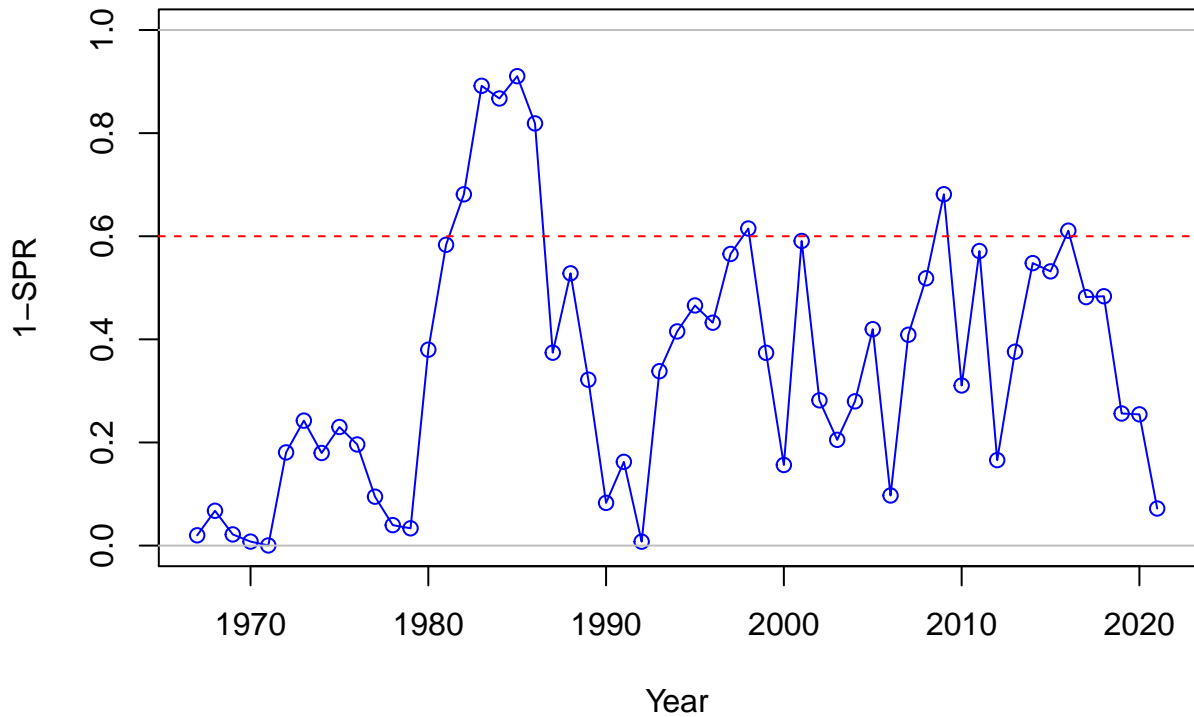
Observed and expected Landings (mt)





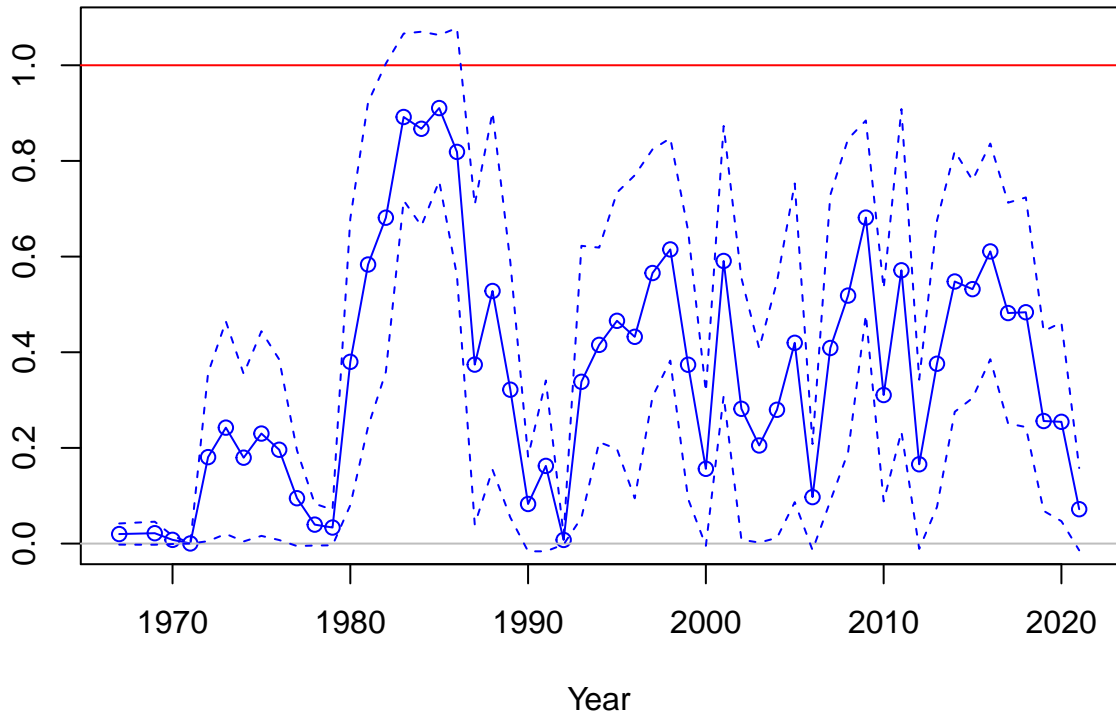
SPR



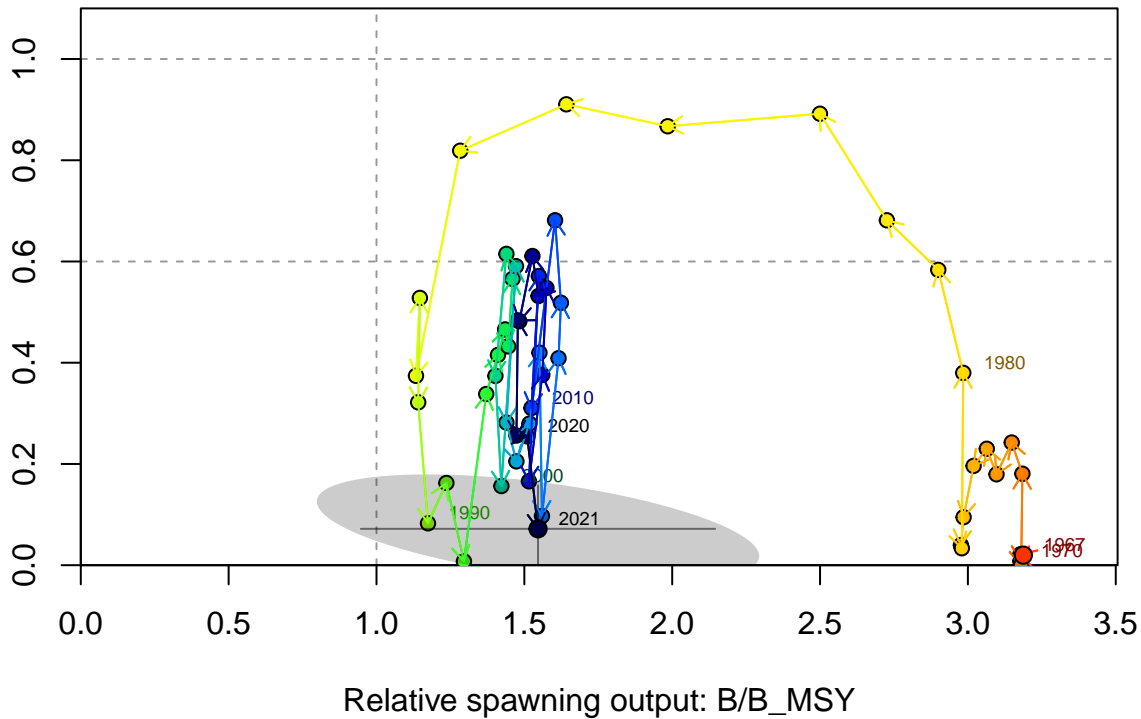




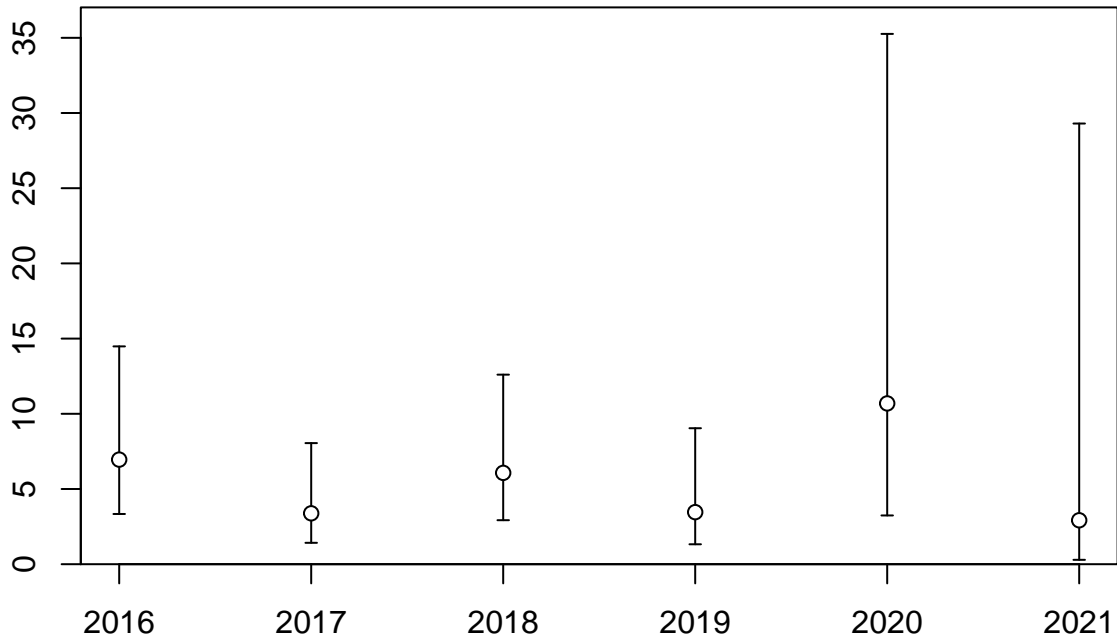
Fishing intensity: 1-SPR



Fishing intensity: 1-SPR

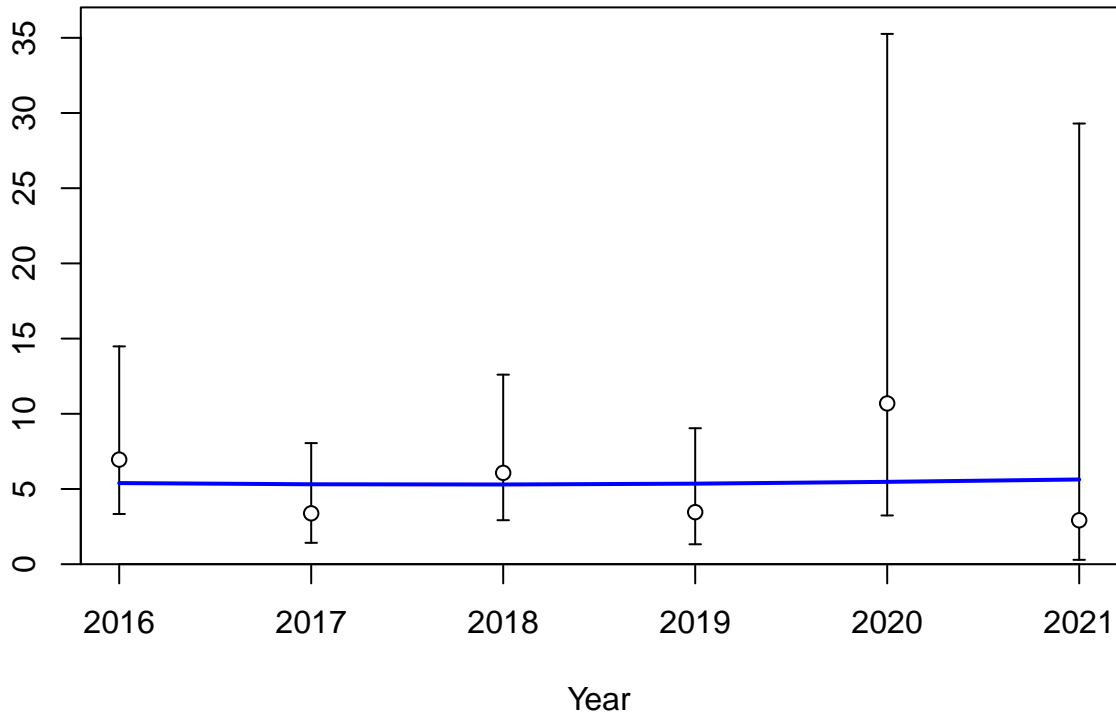


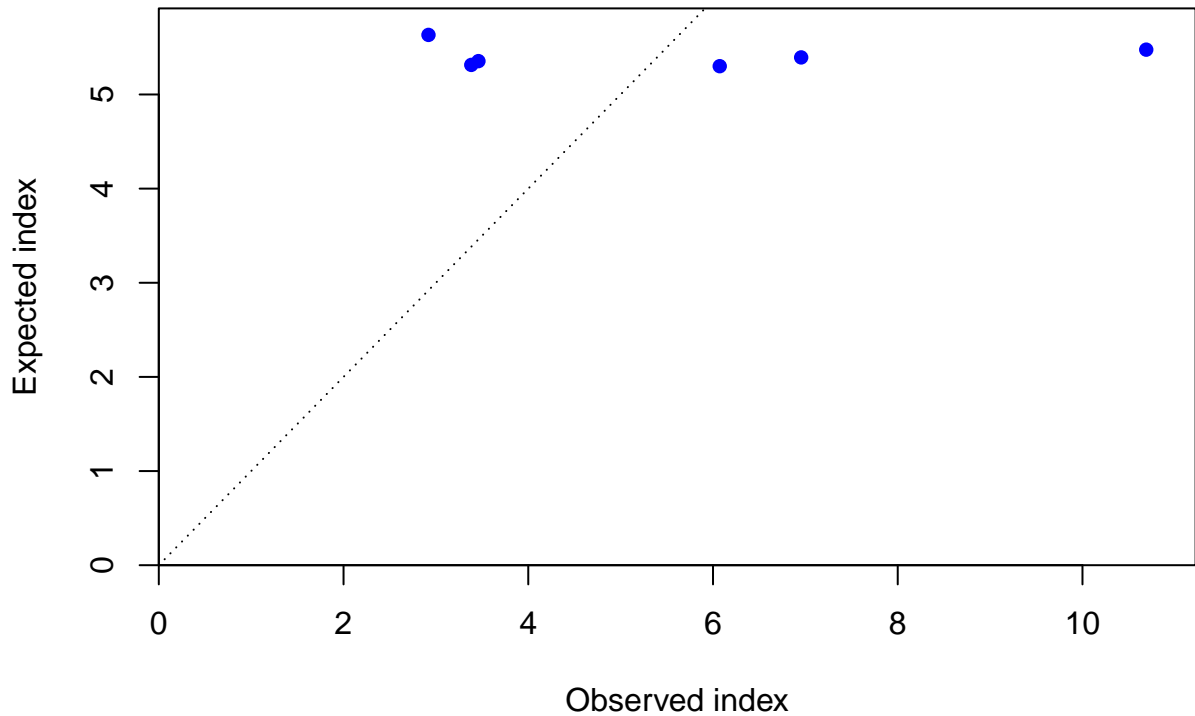
Index

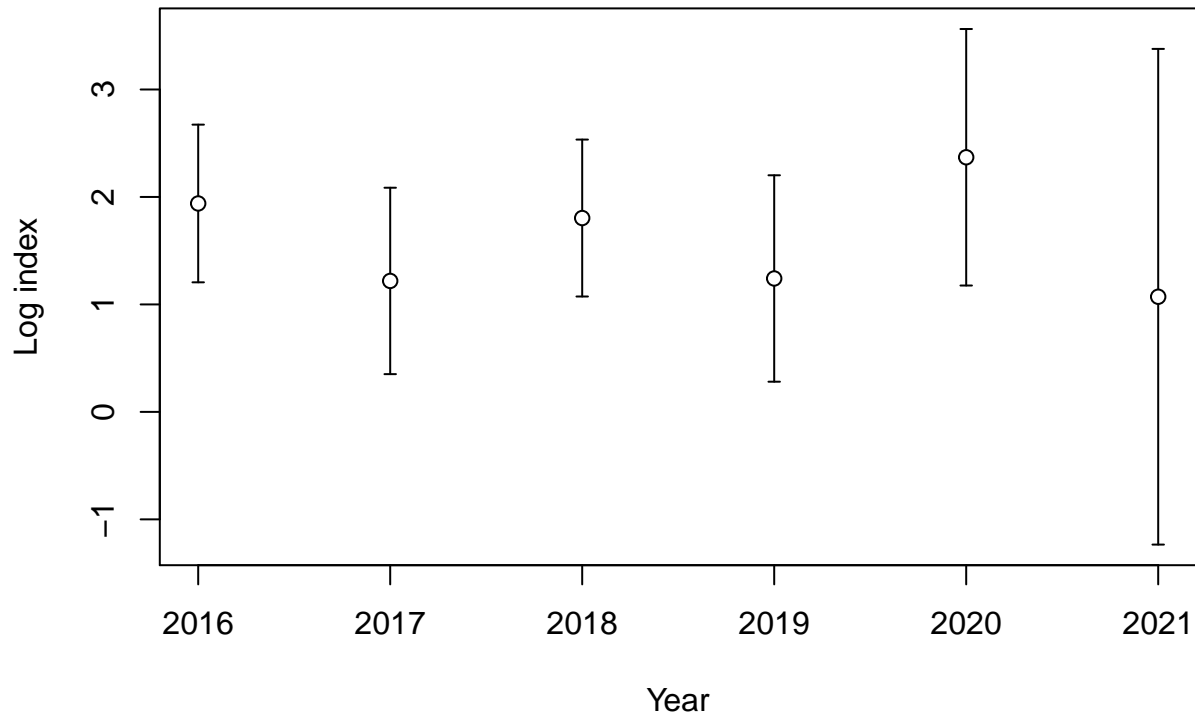


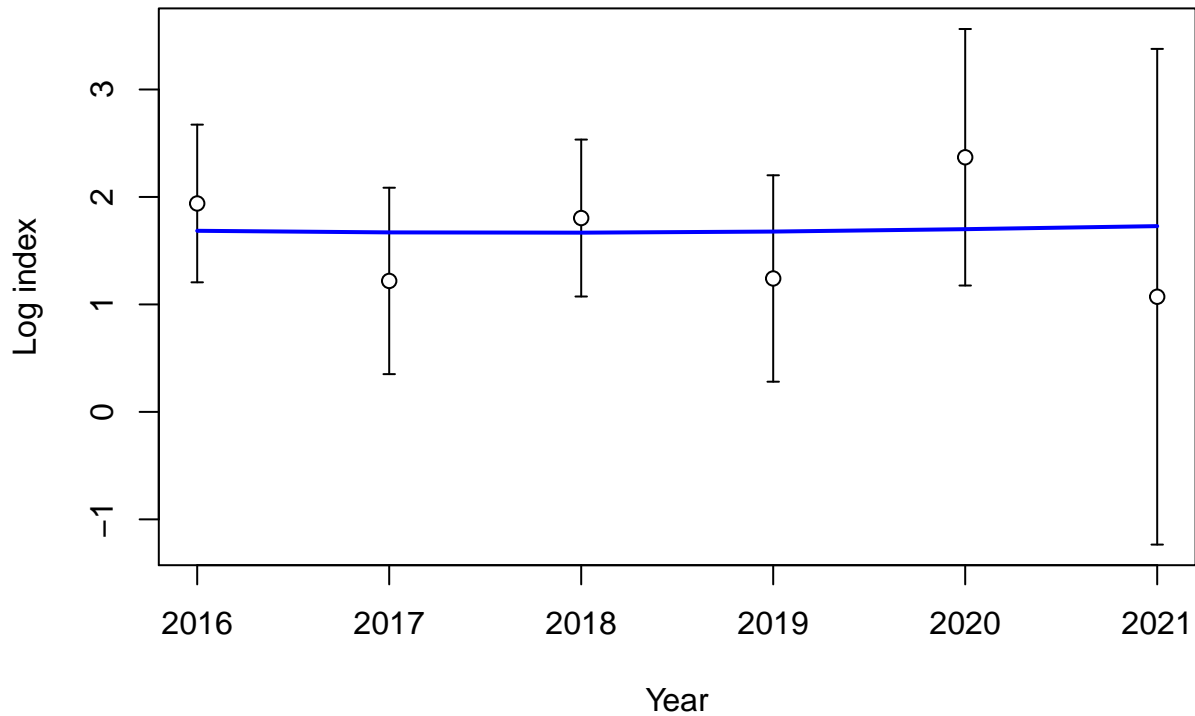
Year

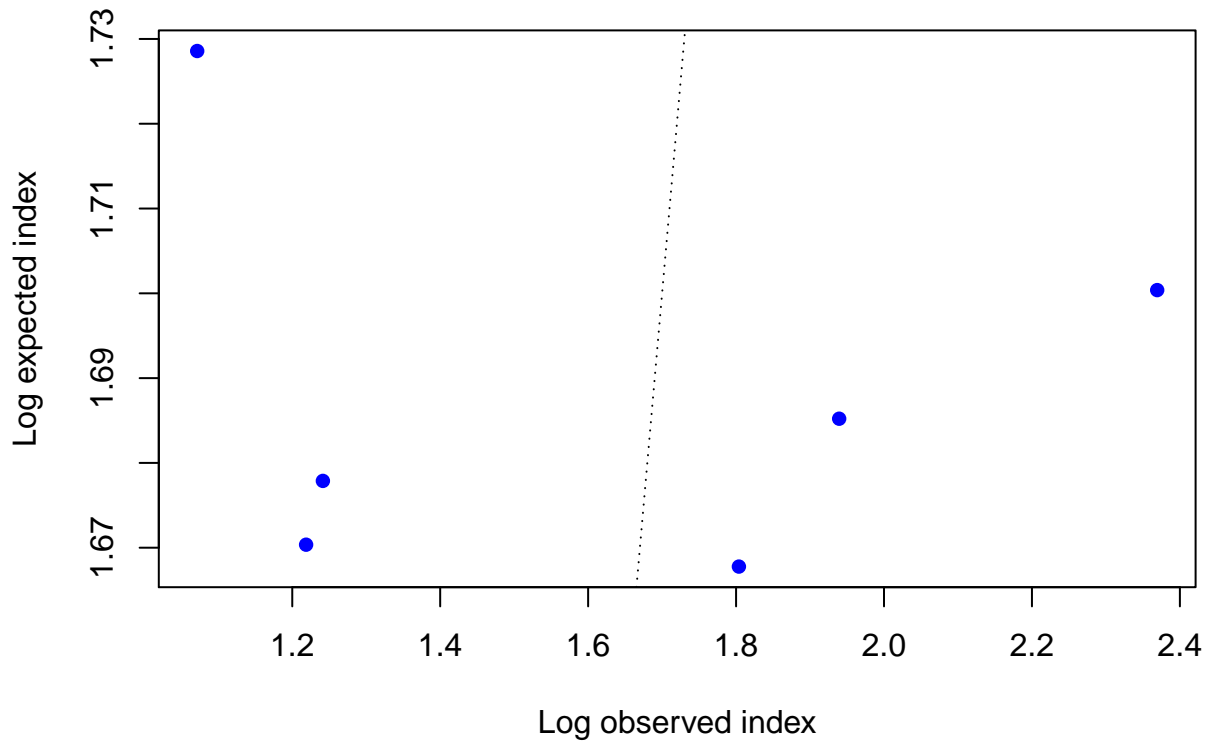
Index



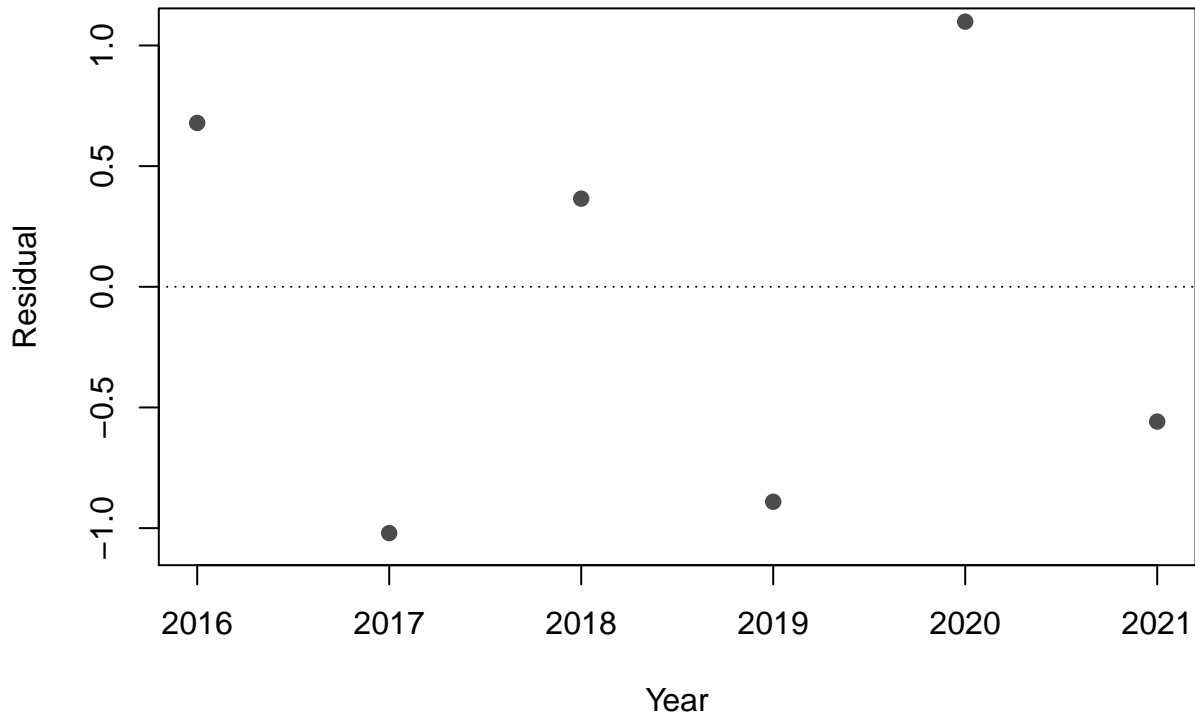


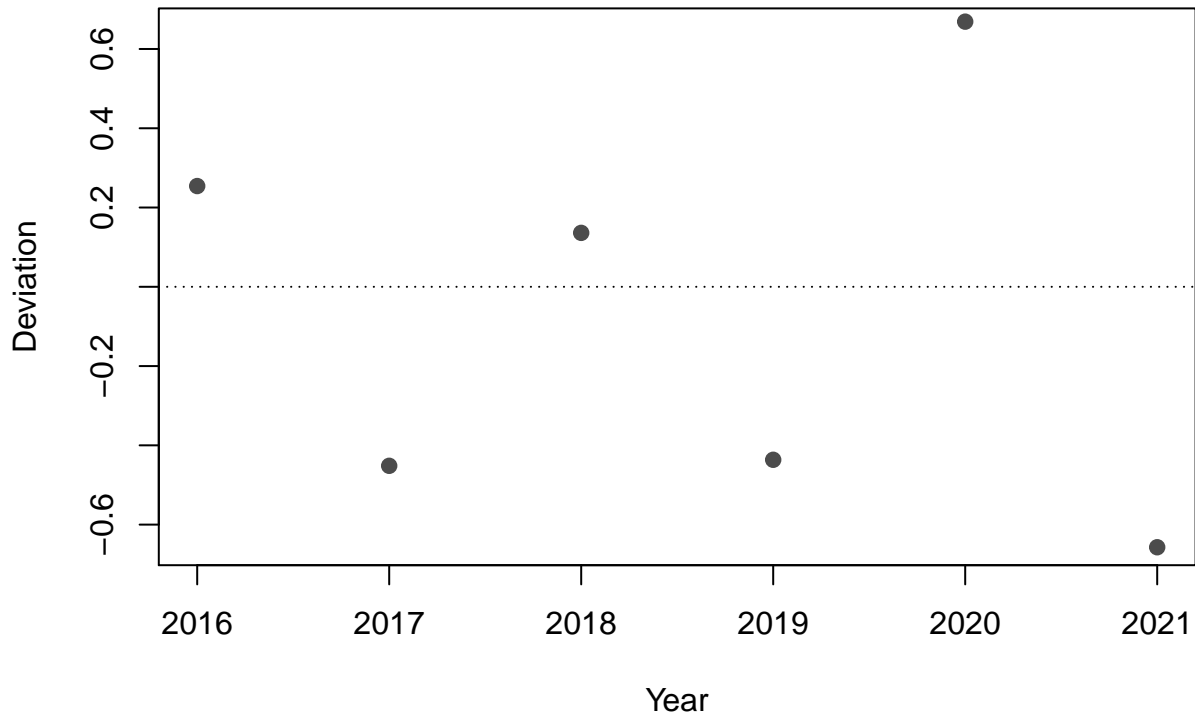


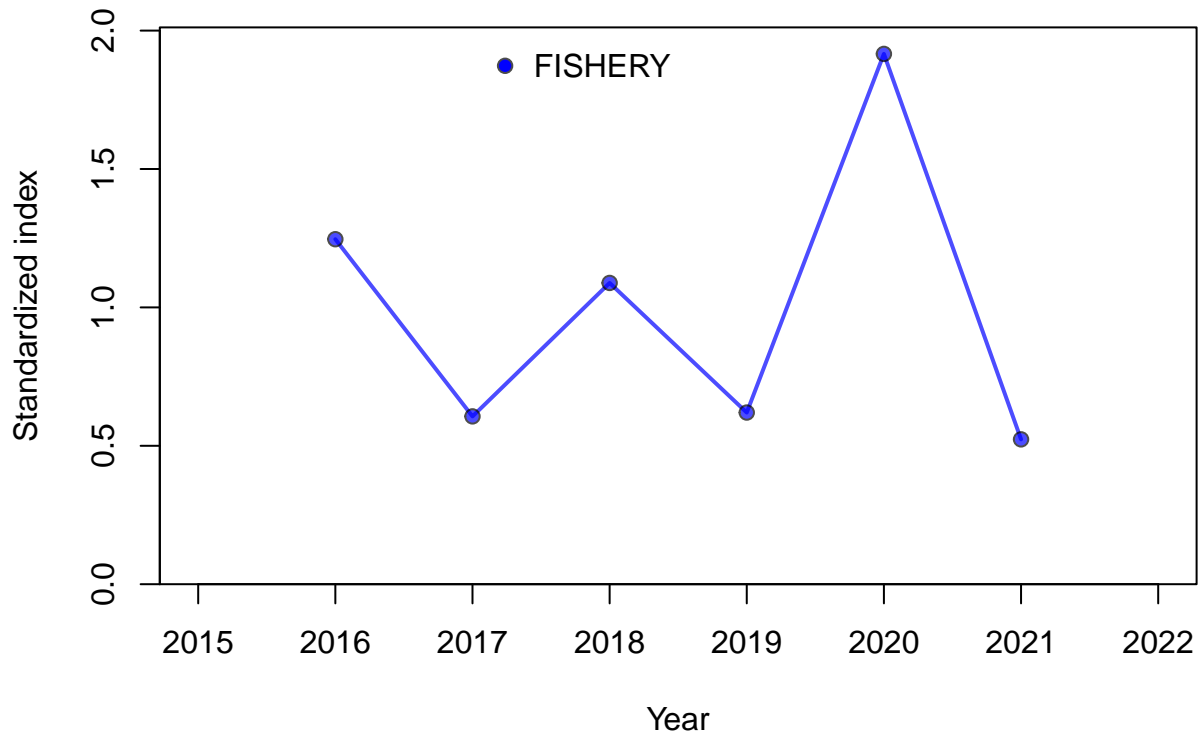


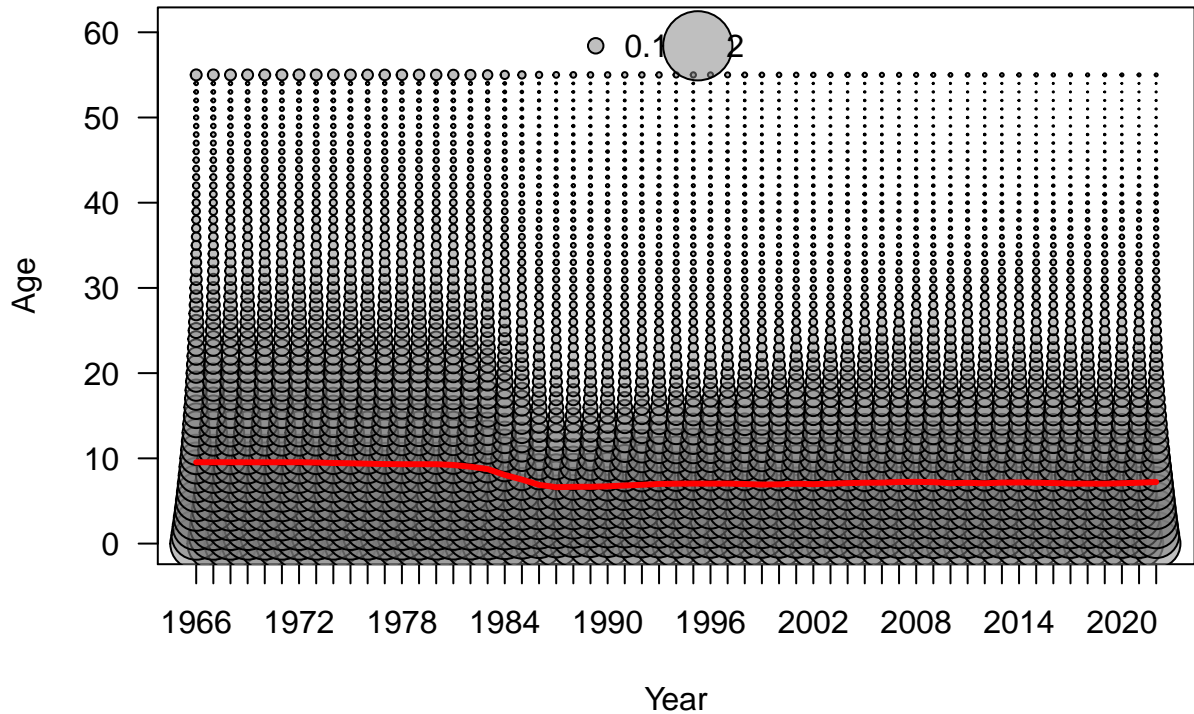


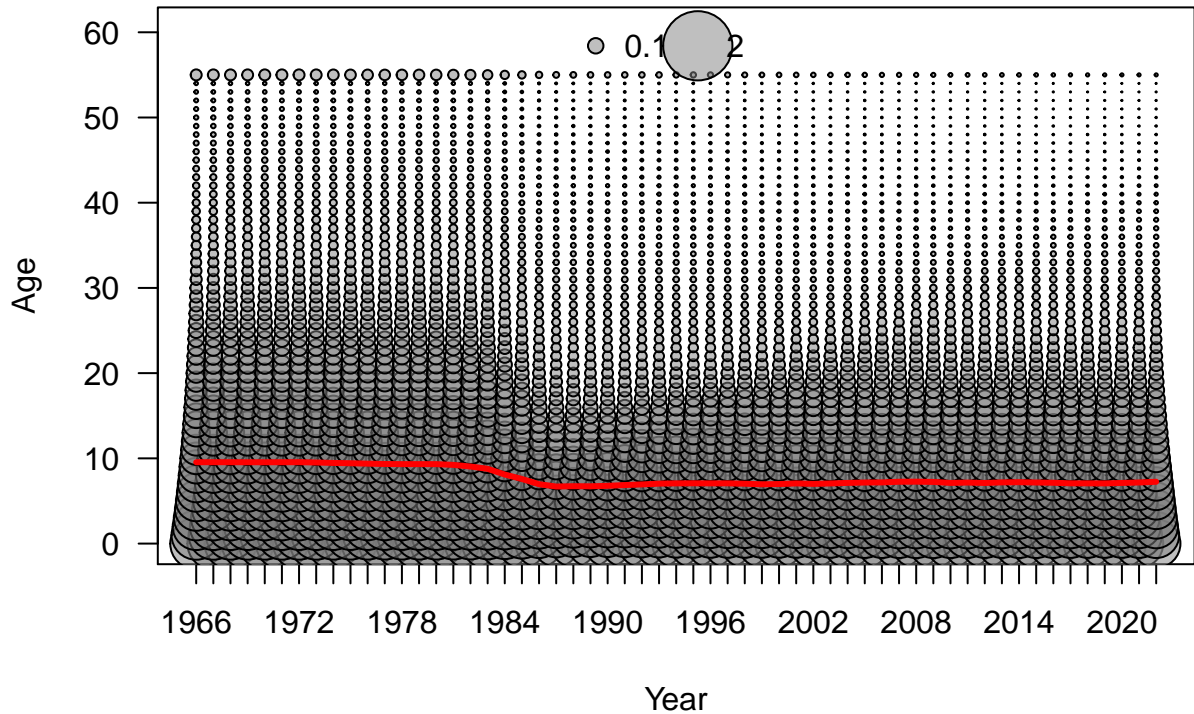


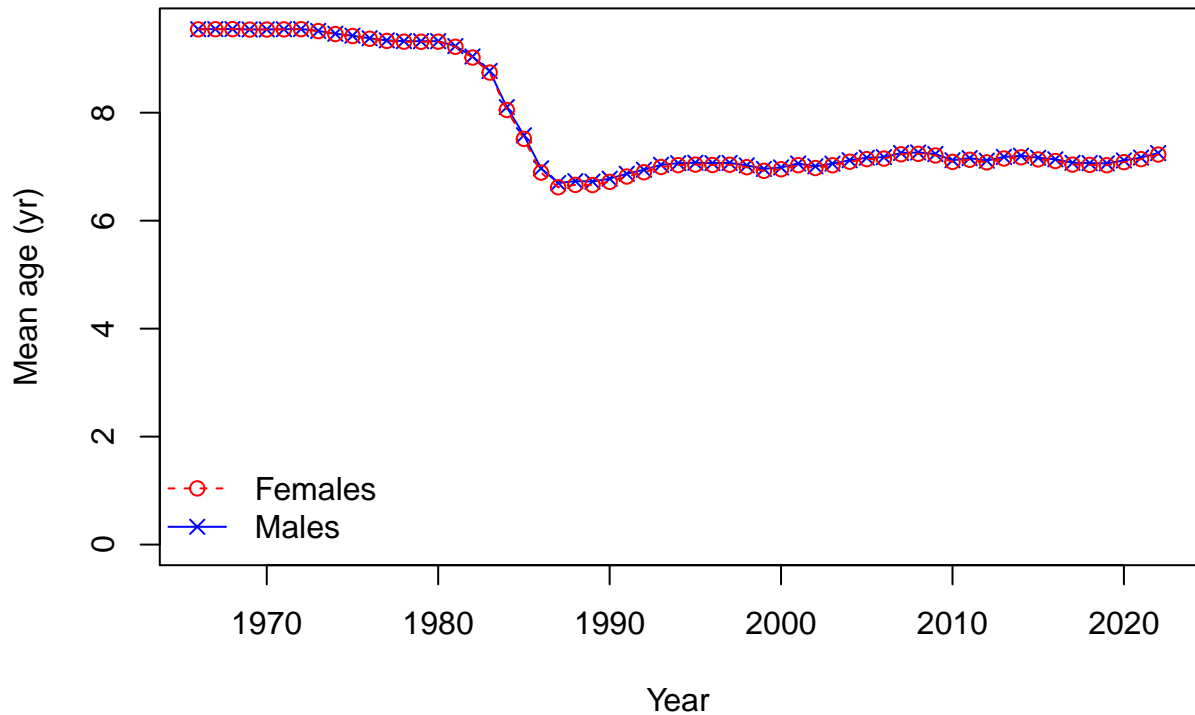


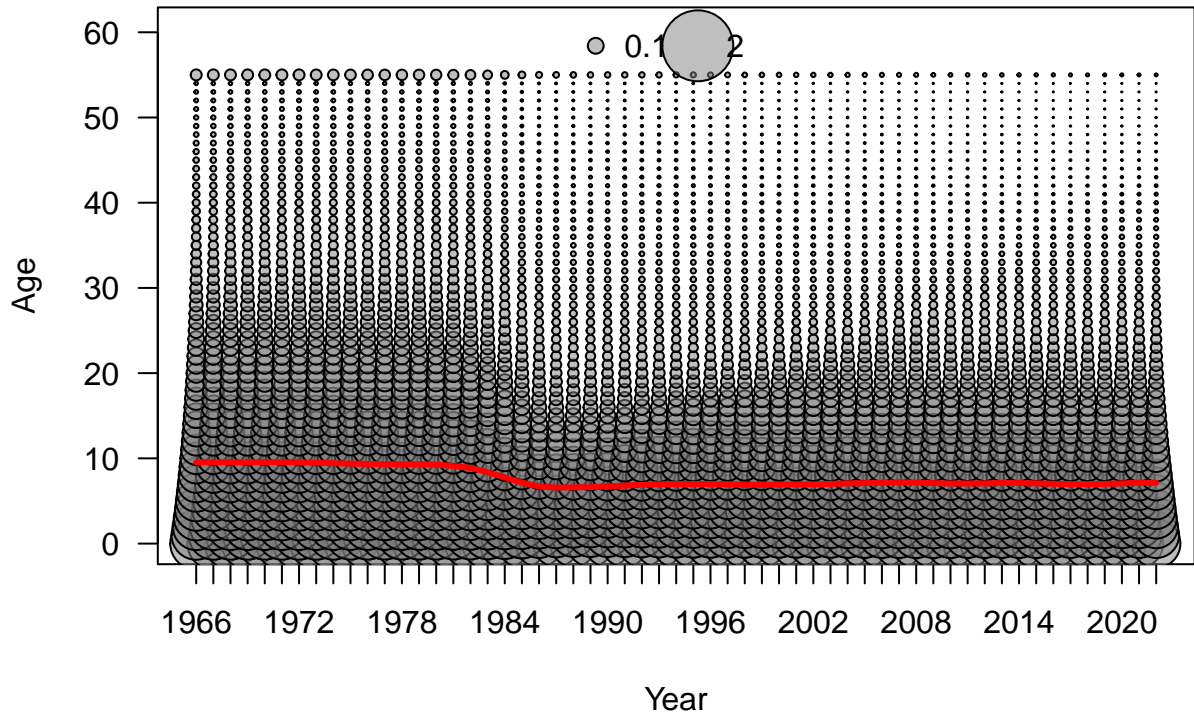


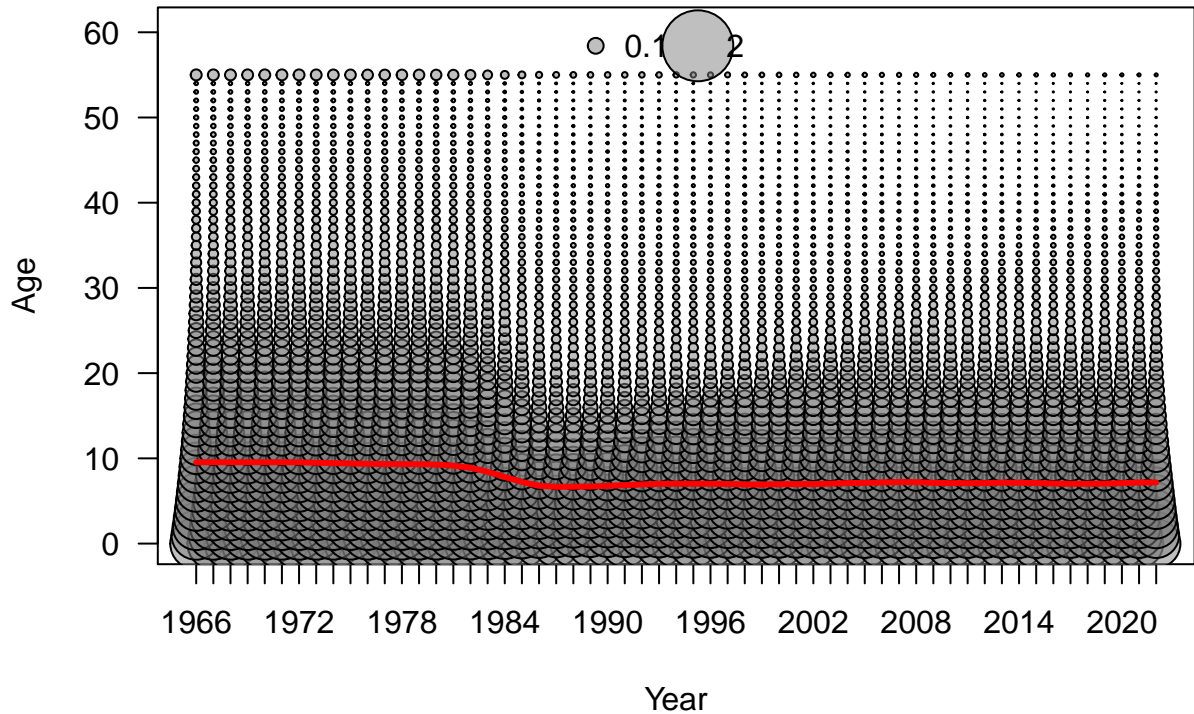




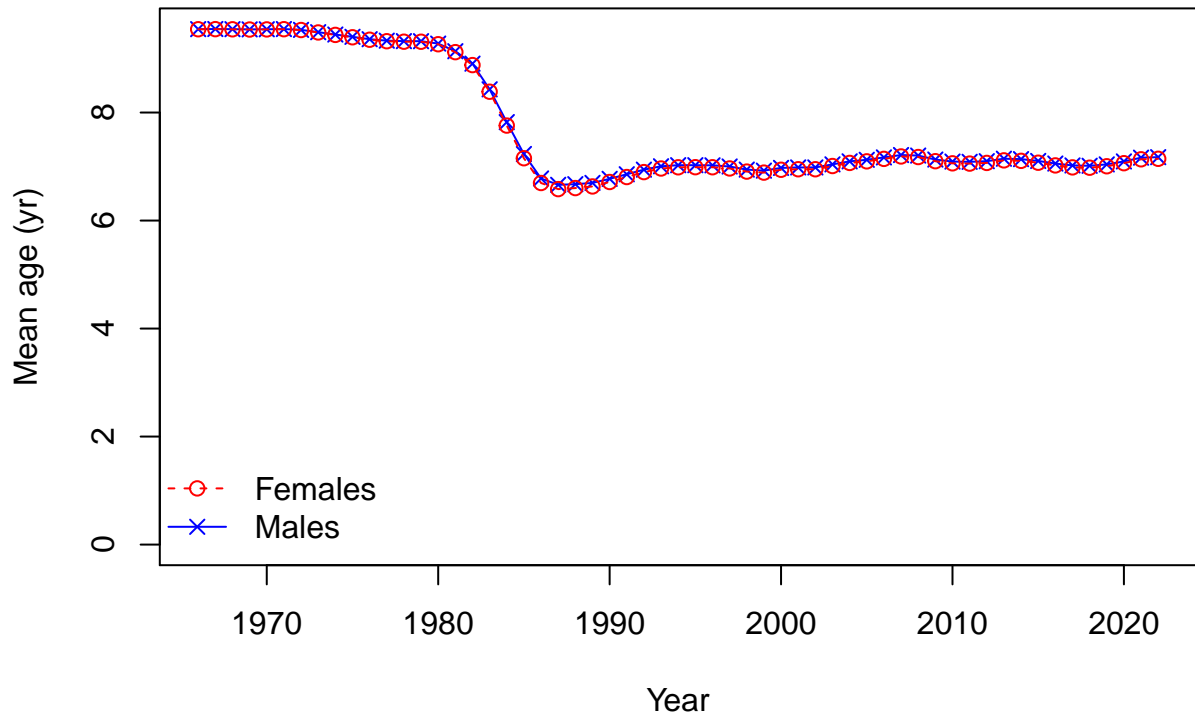


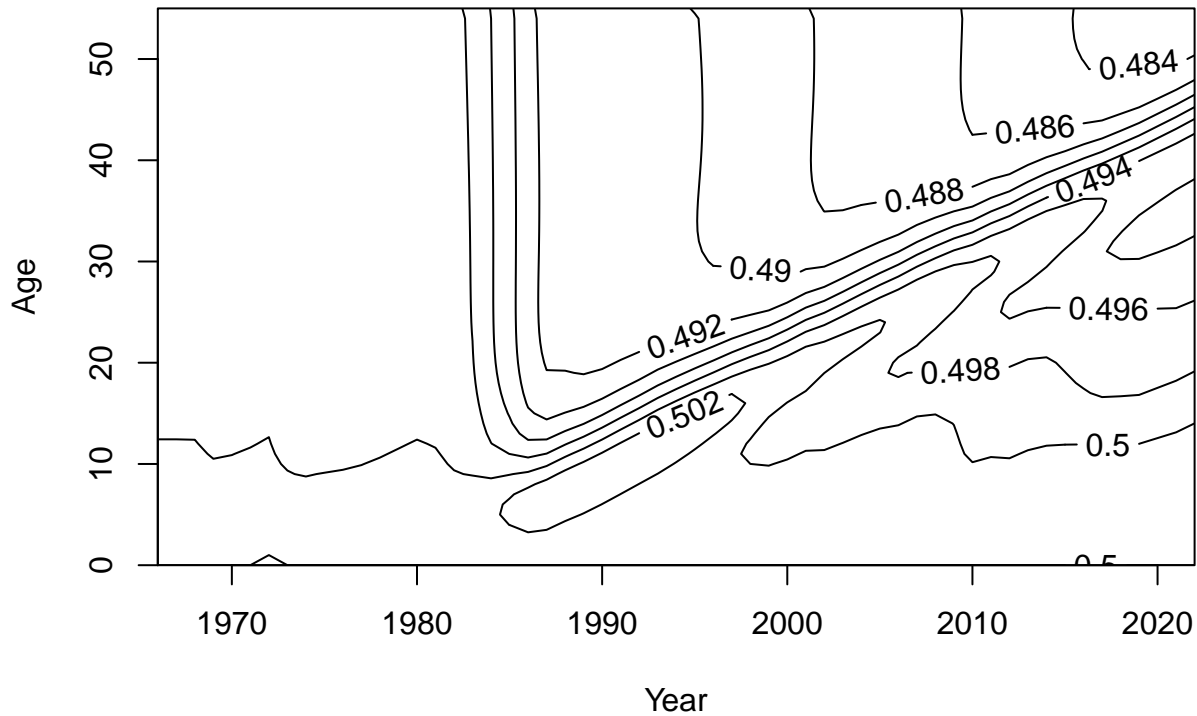


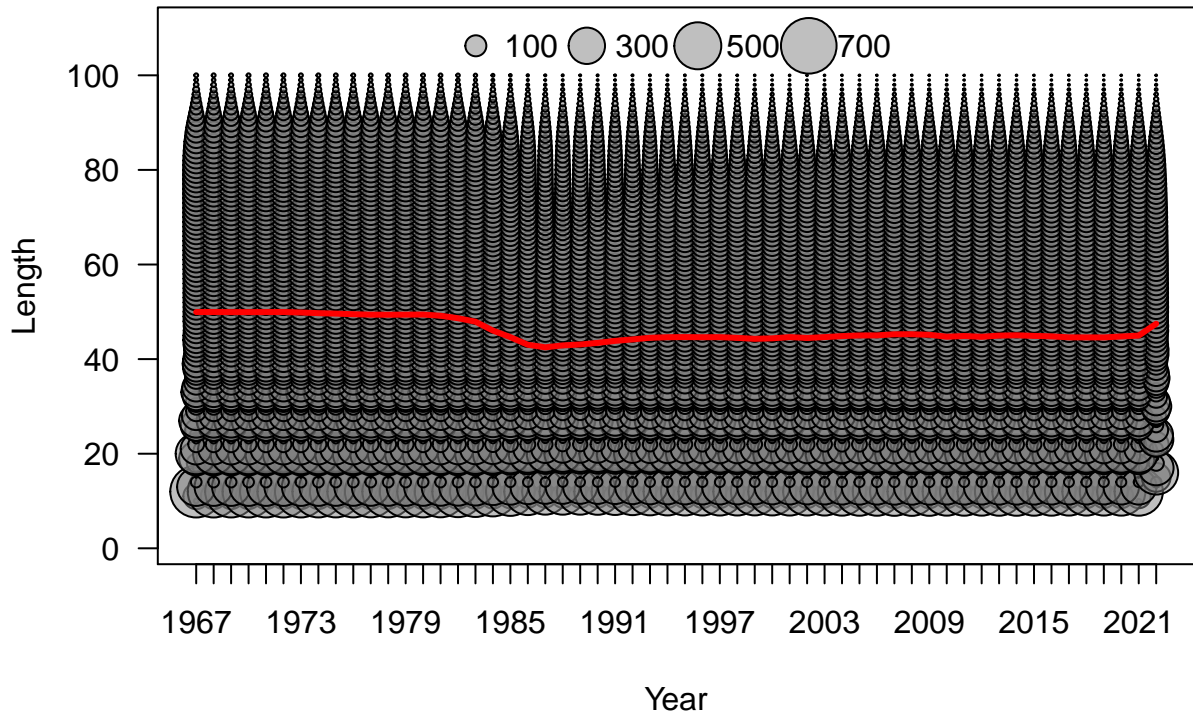


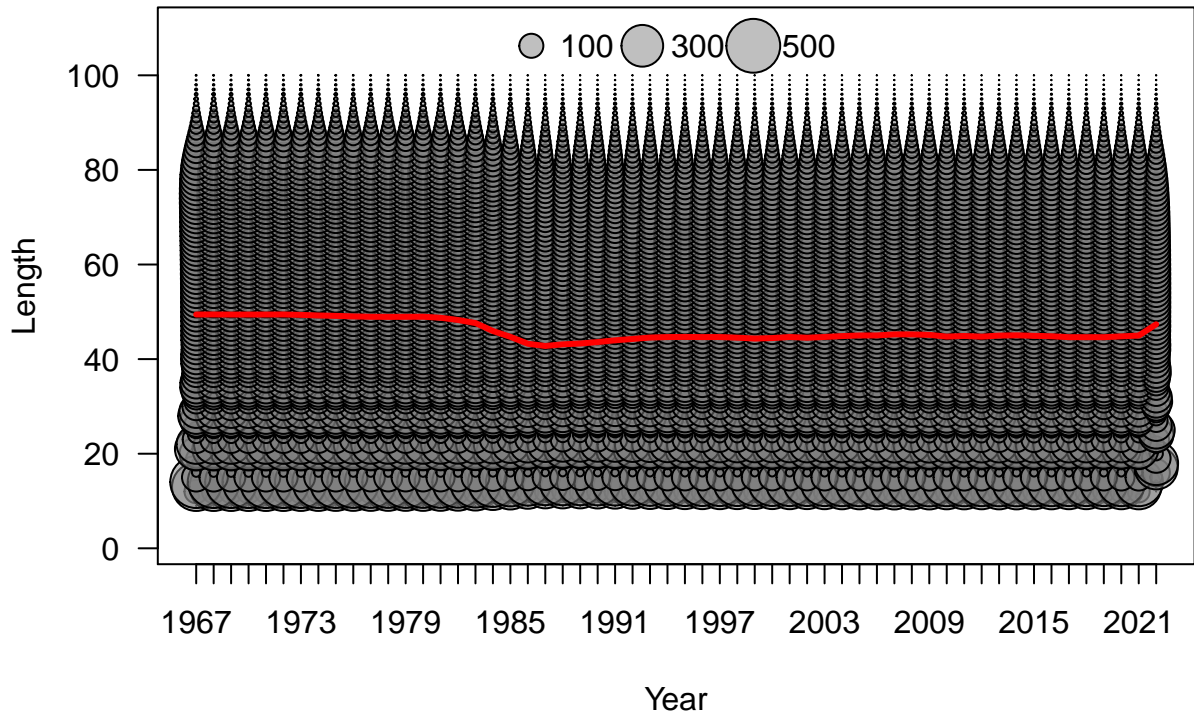


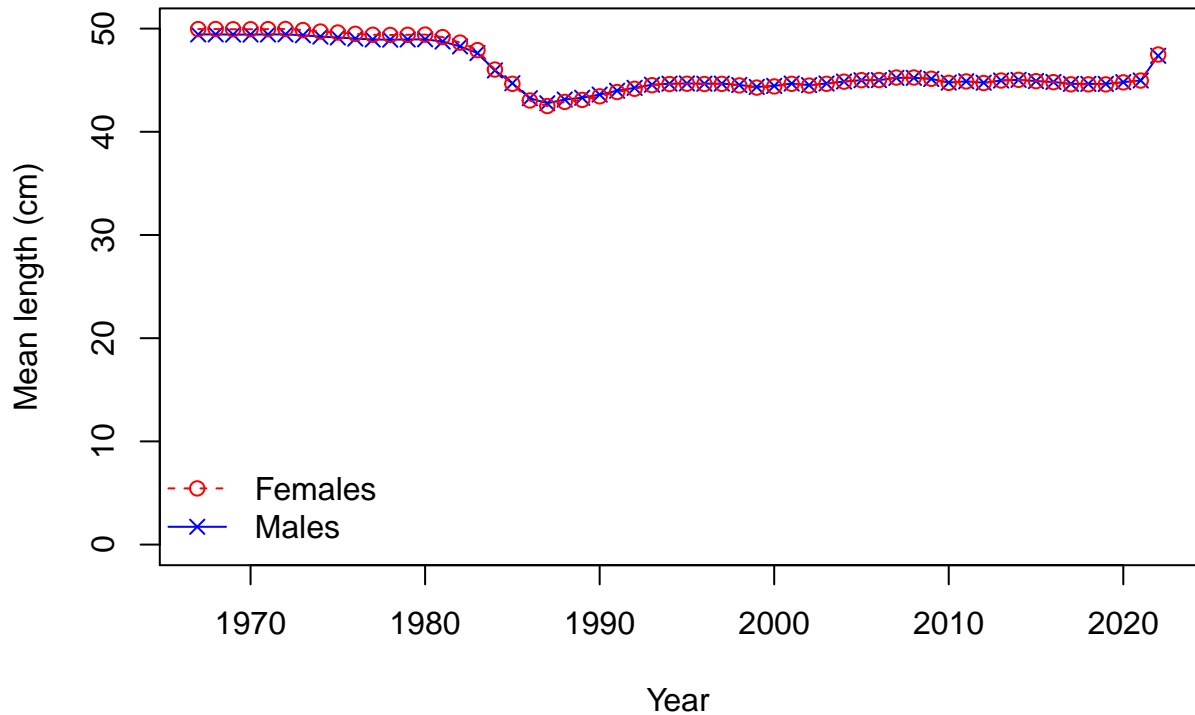


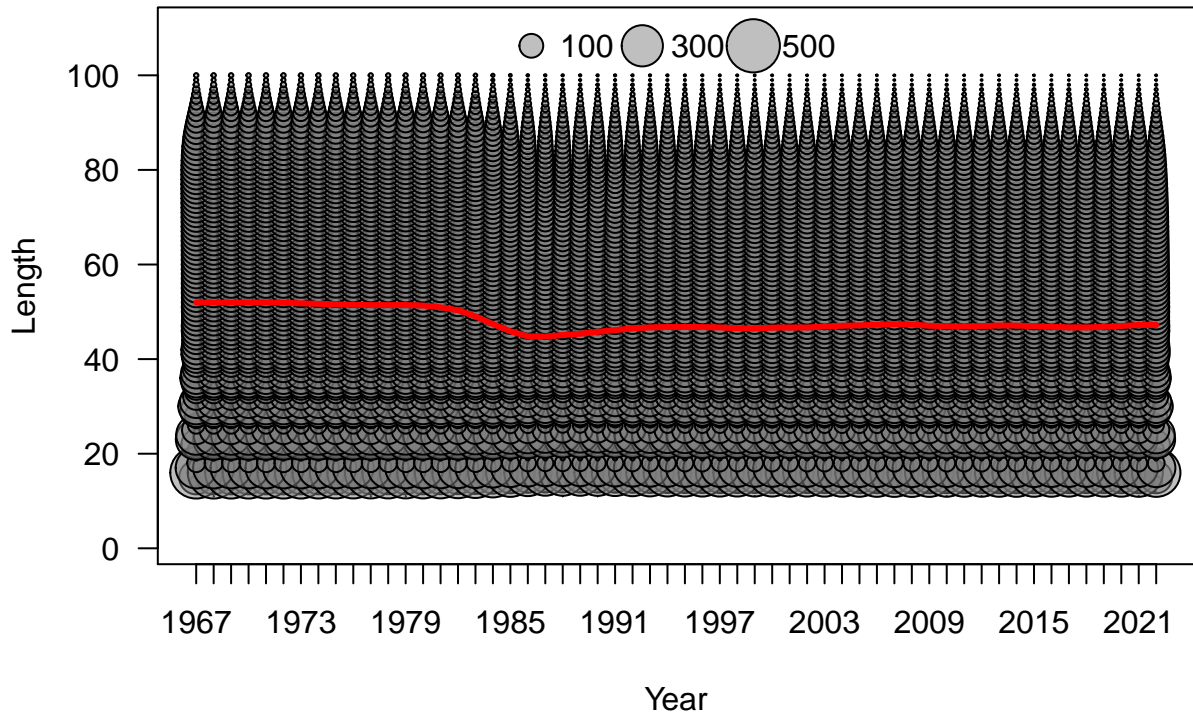


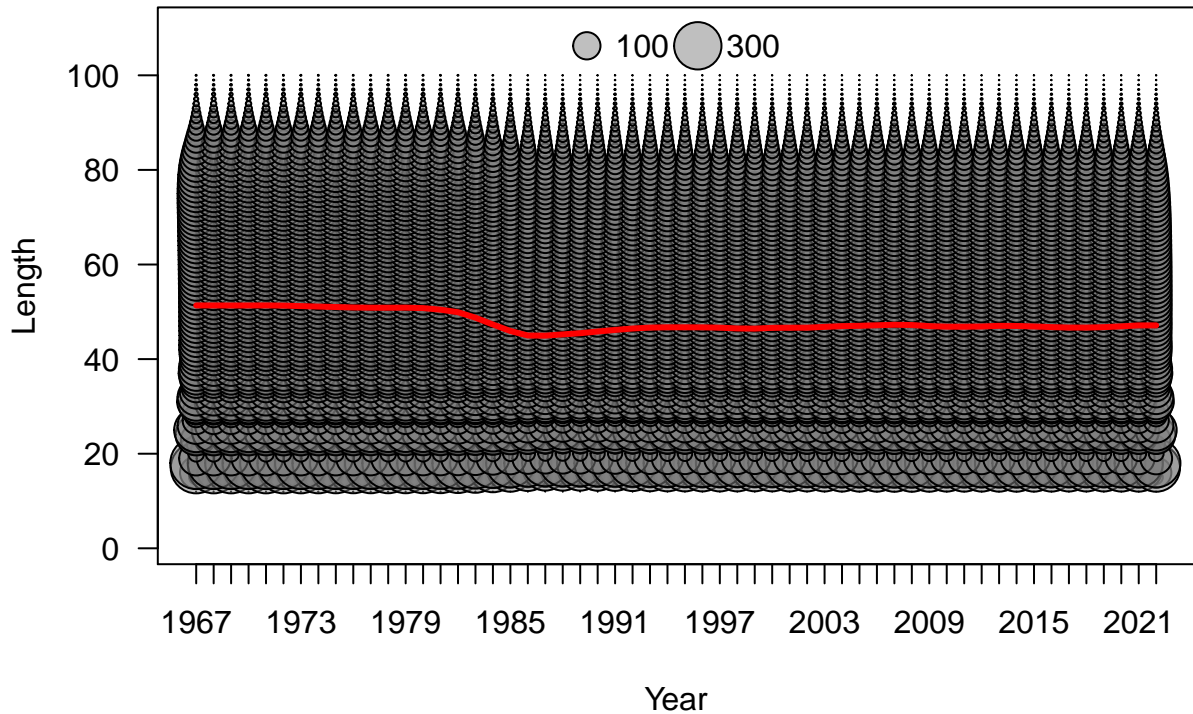


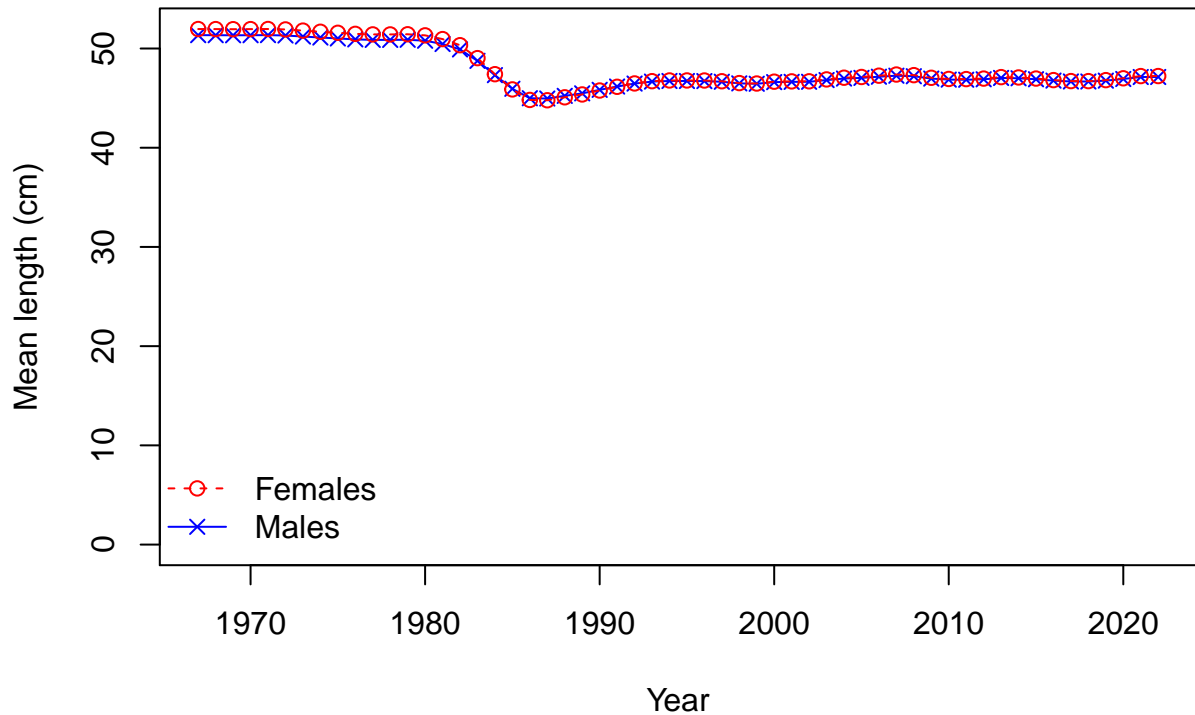




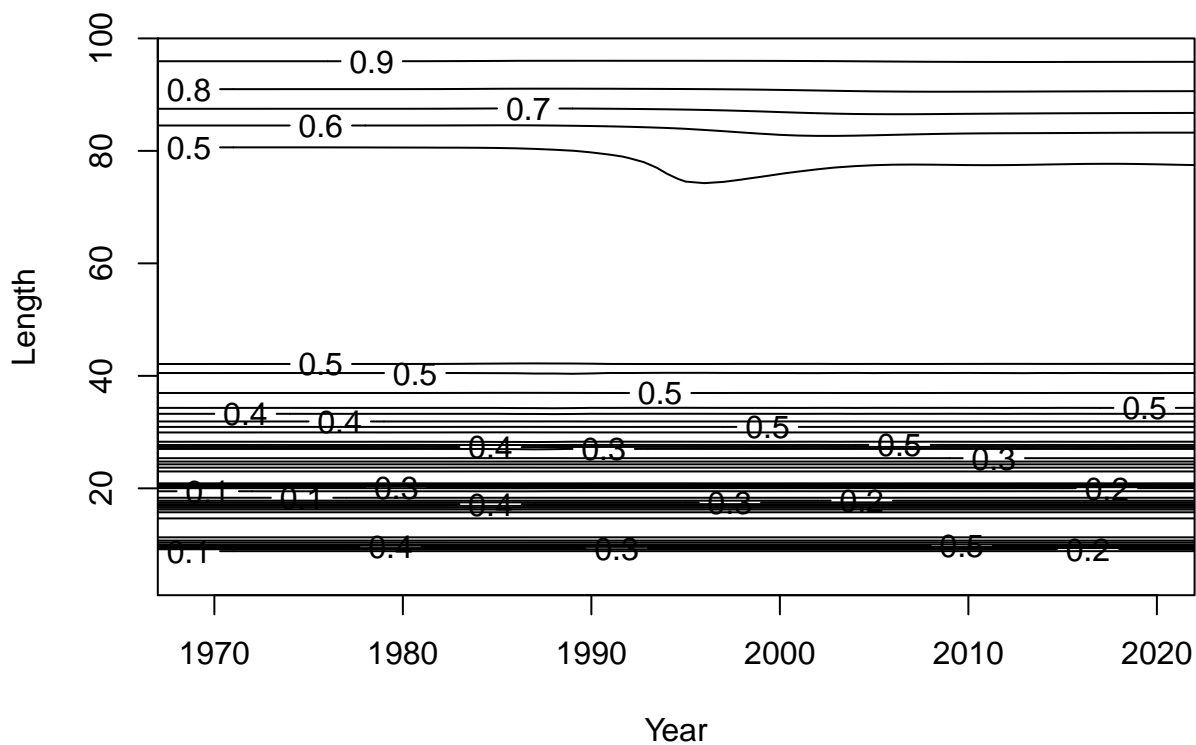


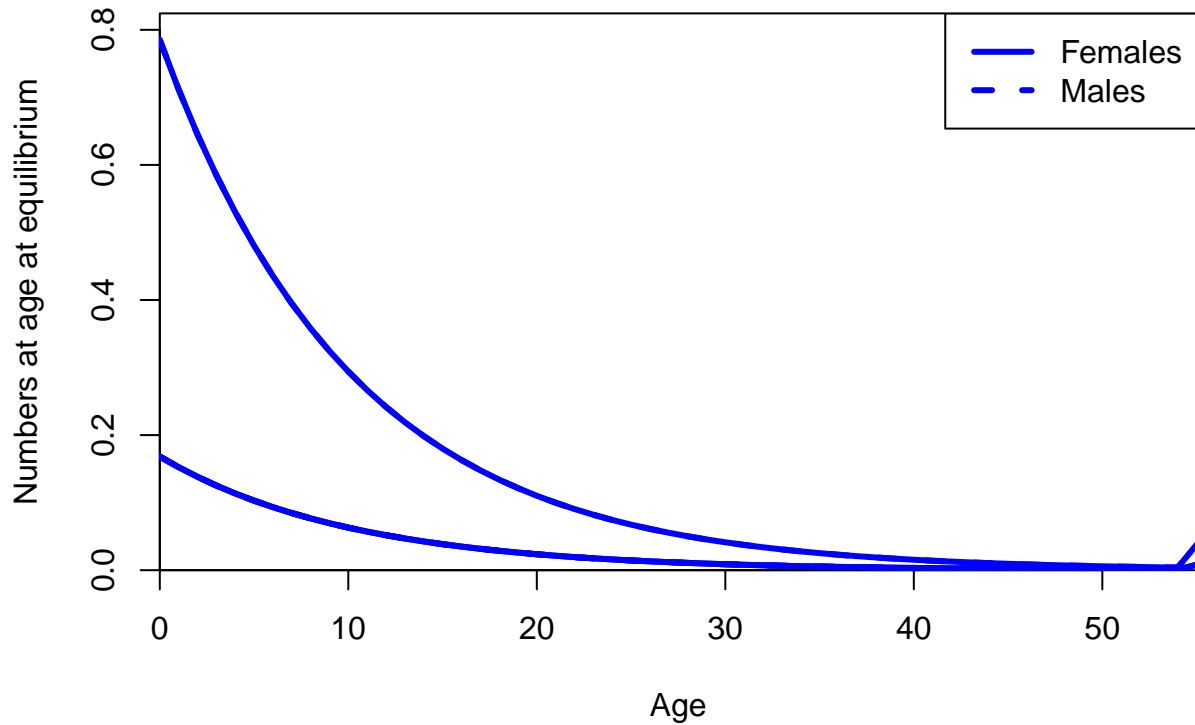


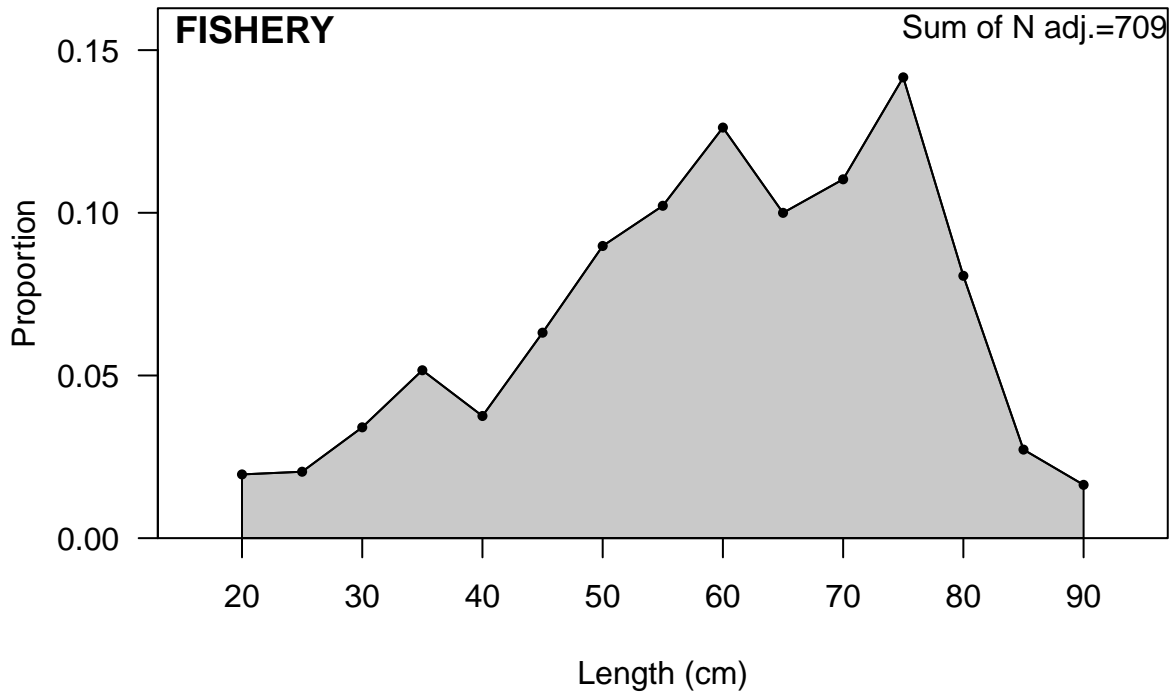






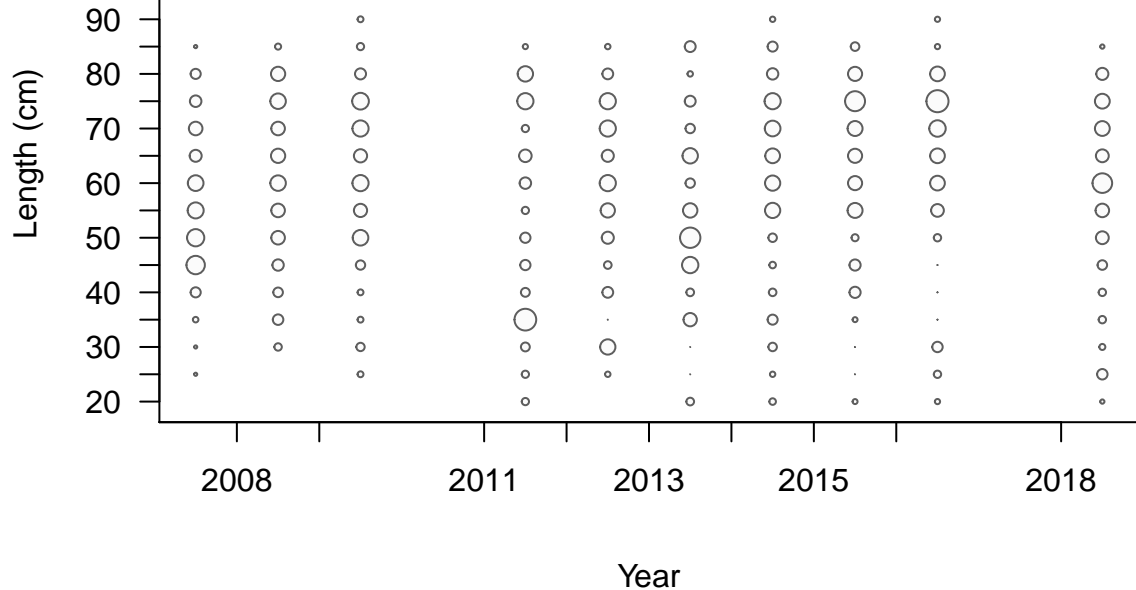




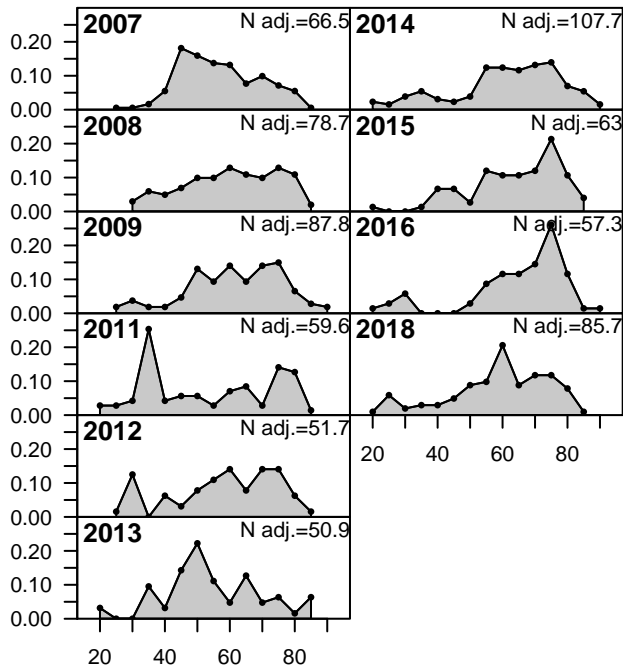


# FISHERY

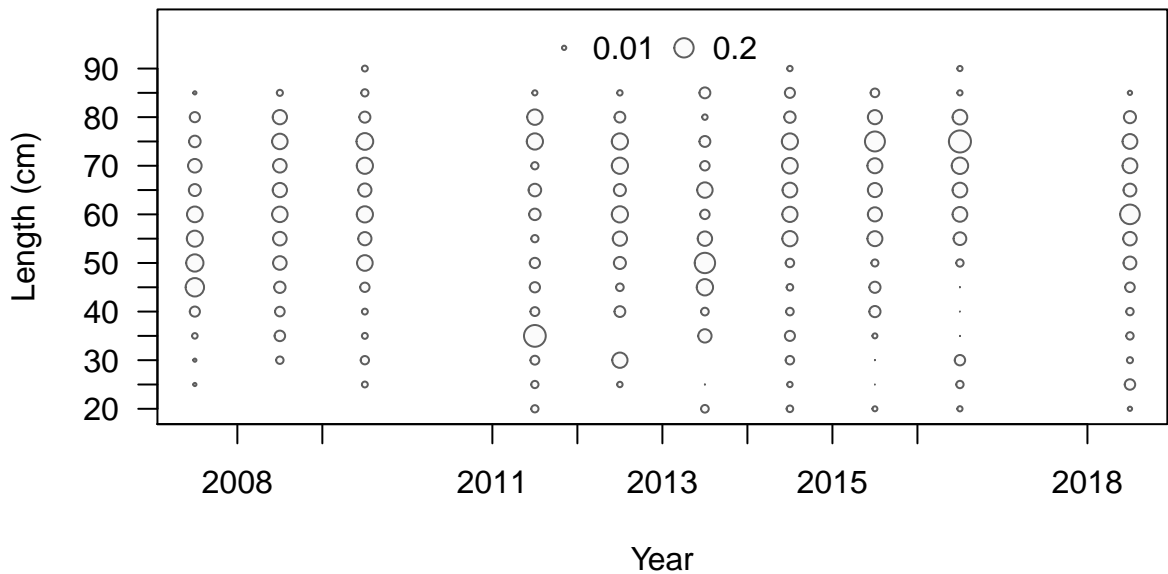
◦ 0.01 ○ 0.2



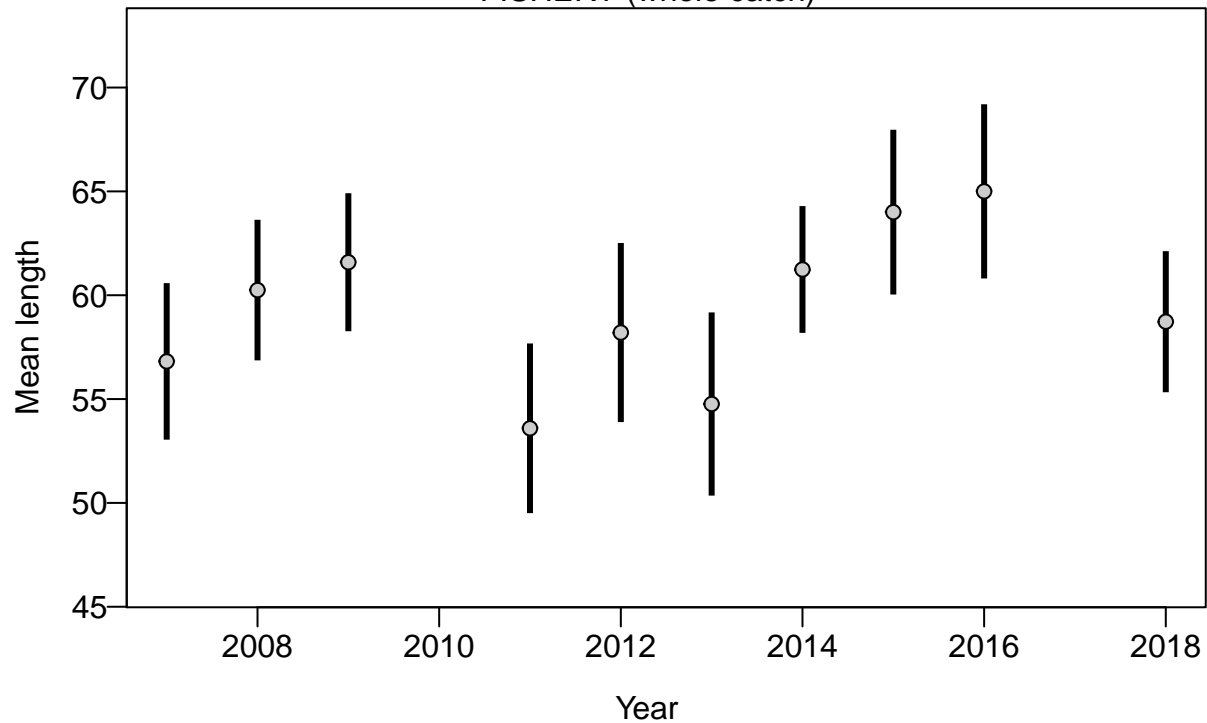
Proportion

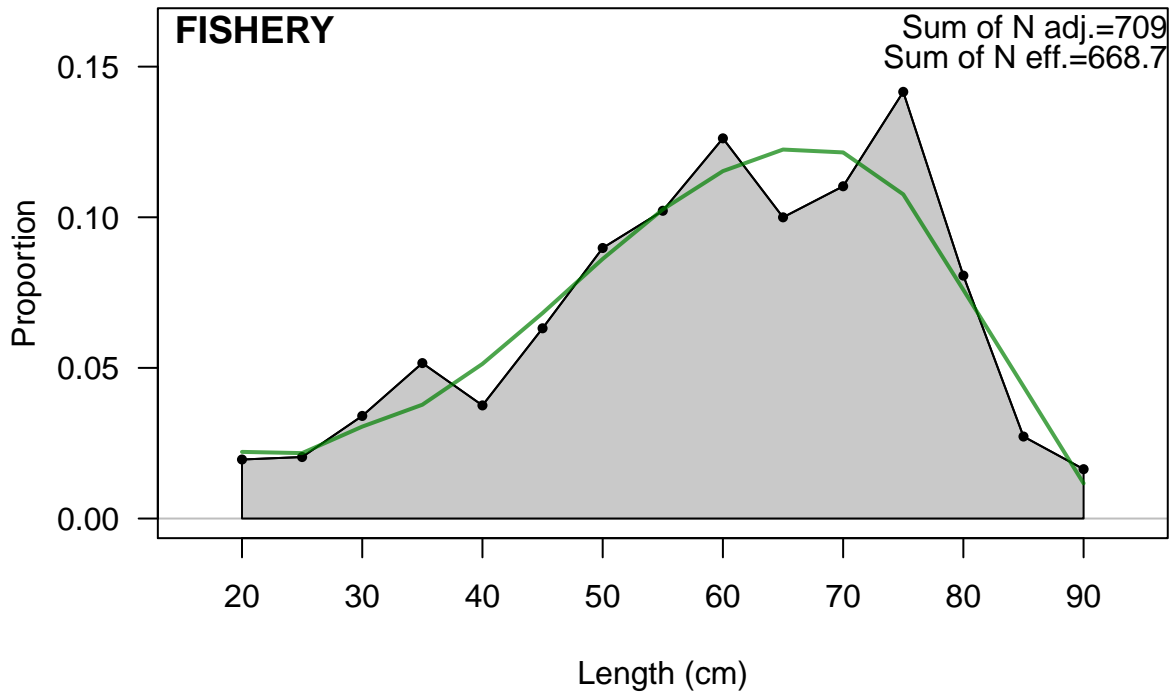


Length (cm)

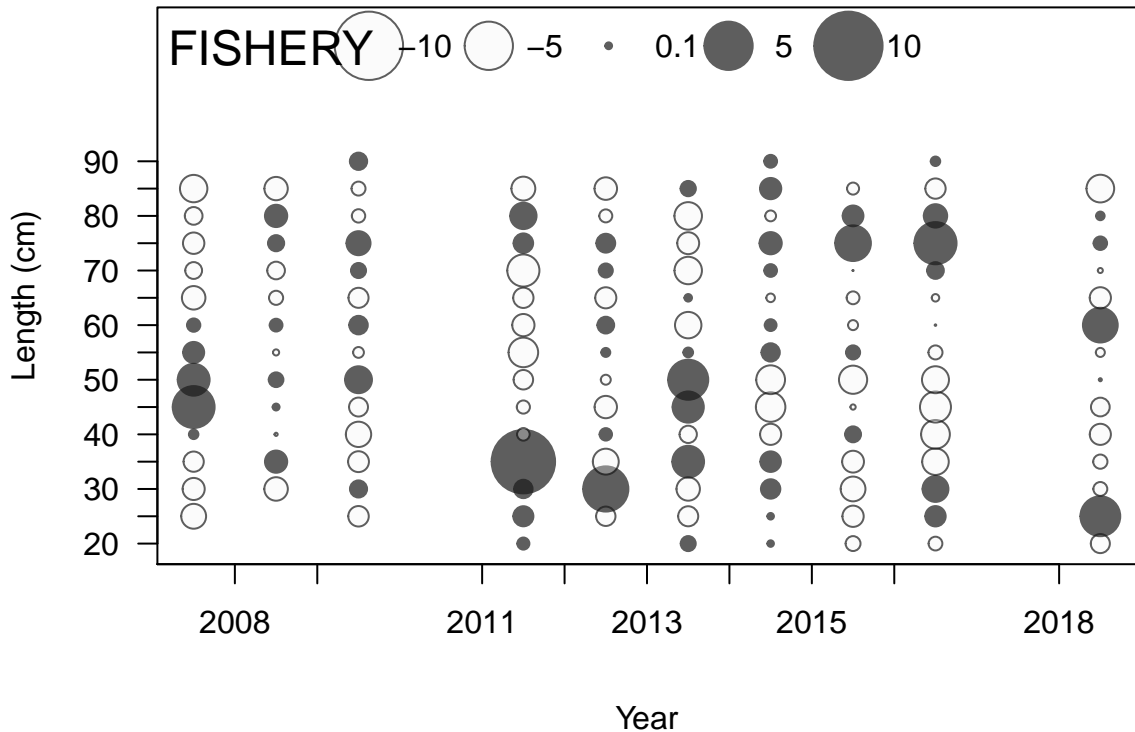


# FISHERY (whole catch)

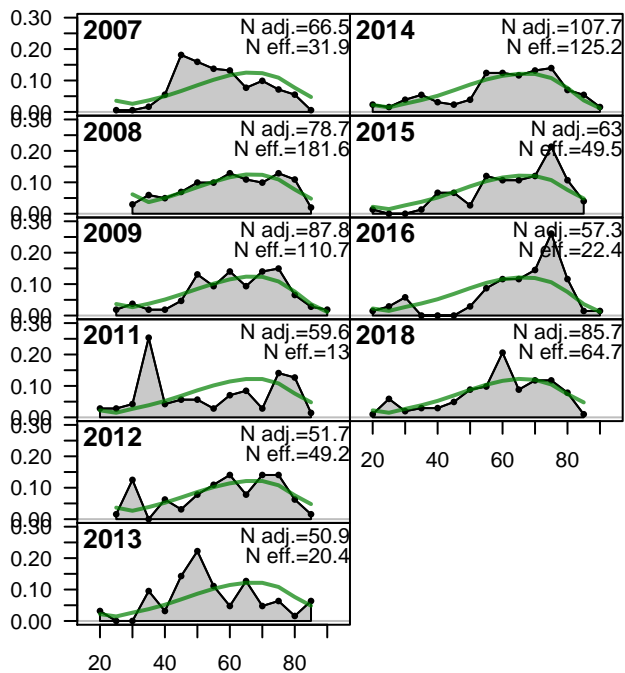




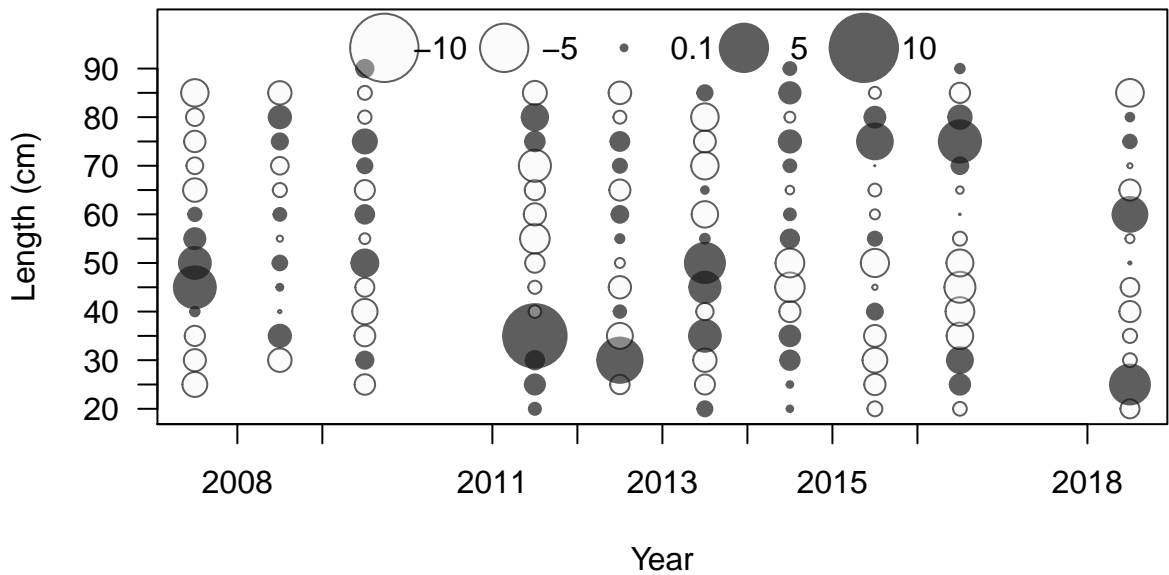


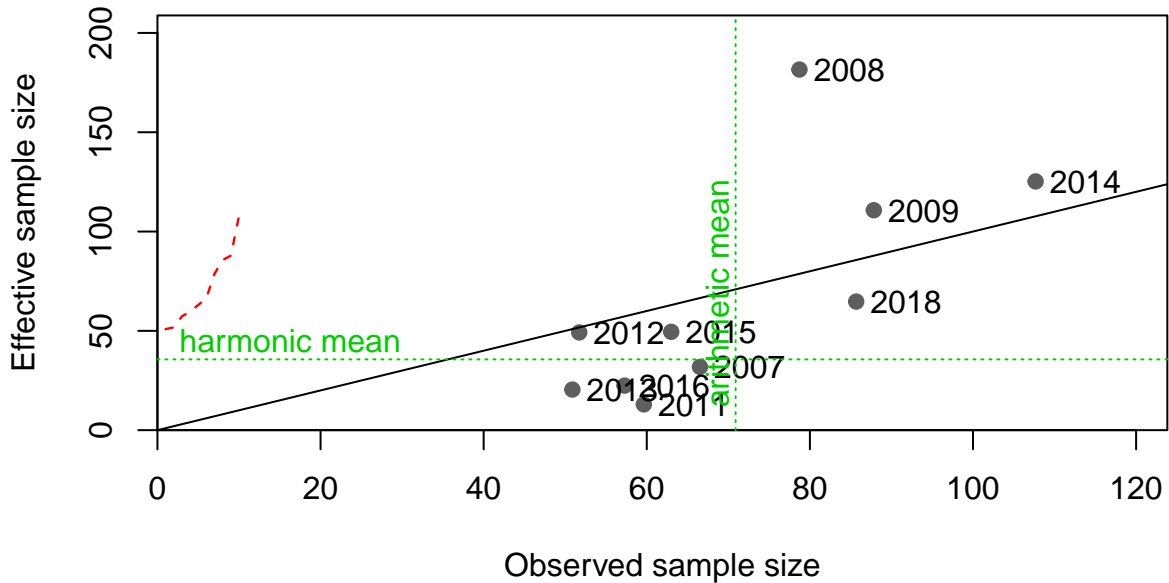


Proportion

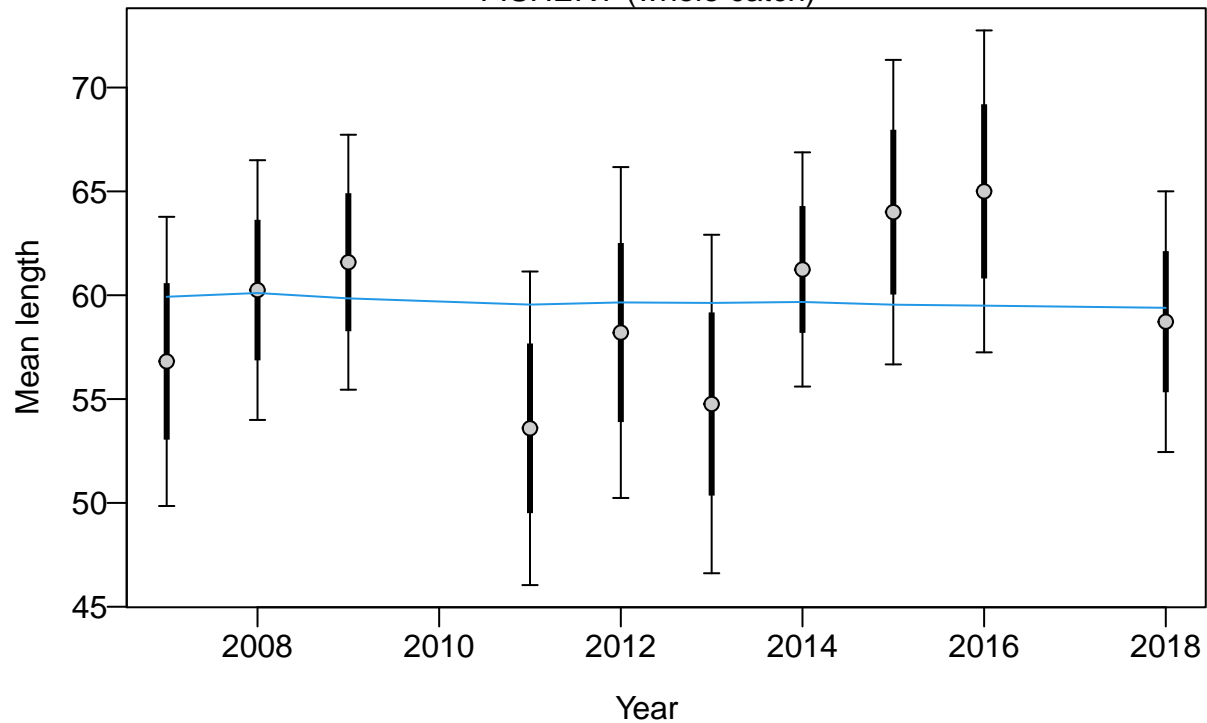


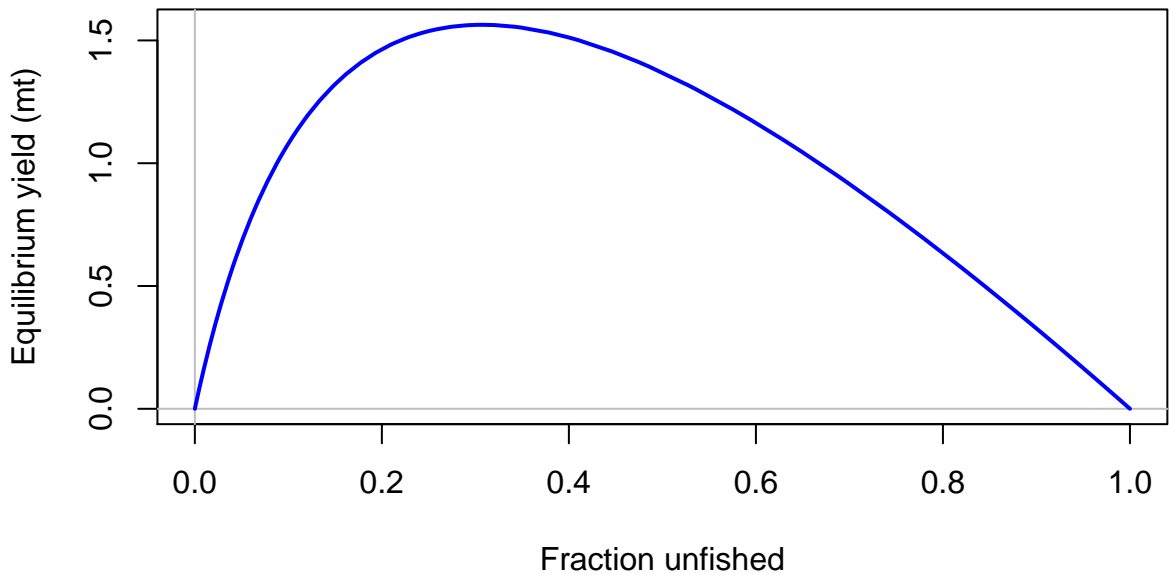
Length (cm)

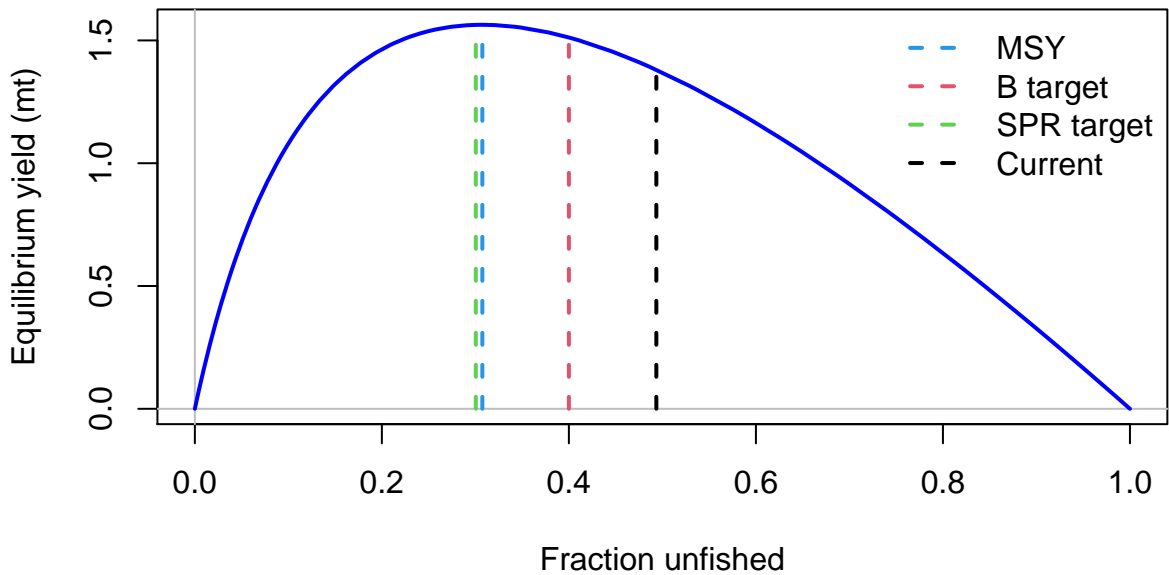


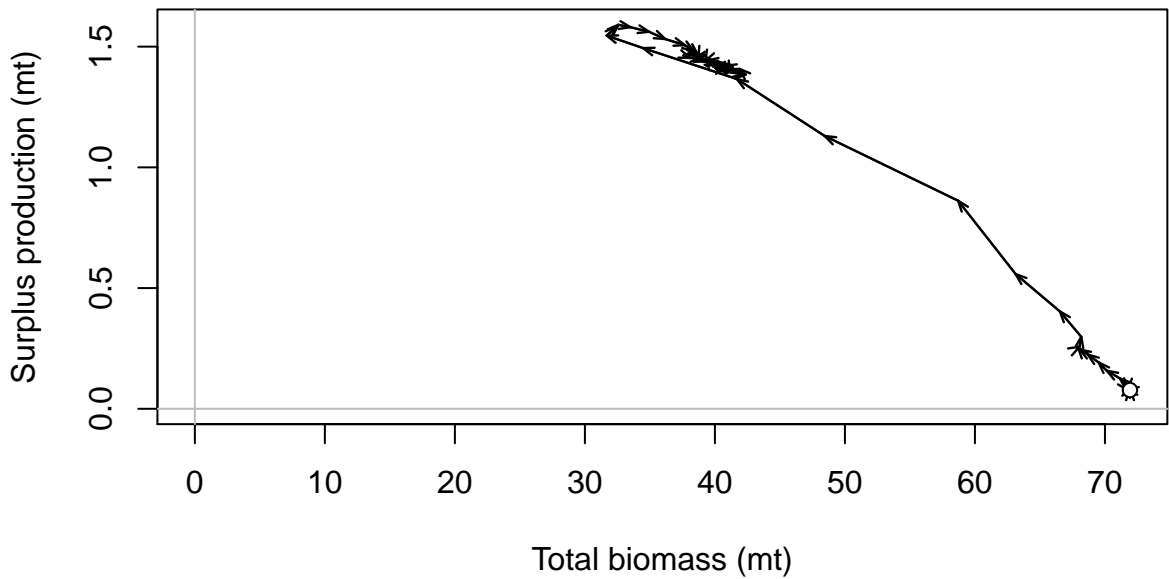


## FISHERY (whole catch)

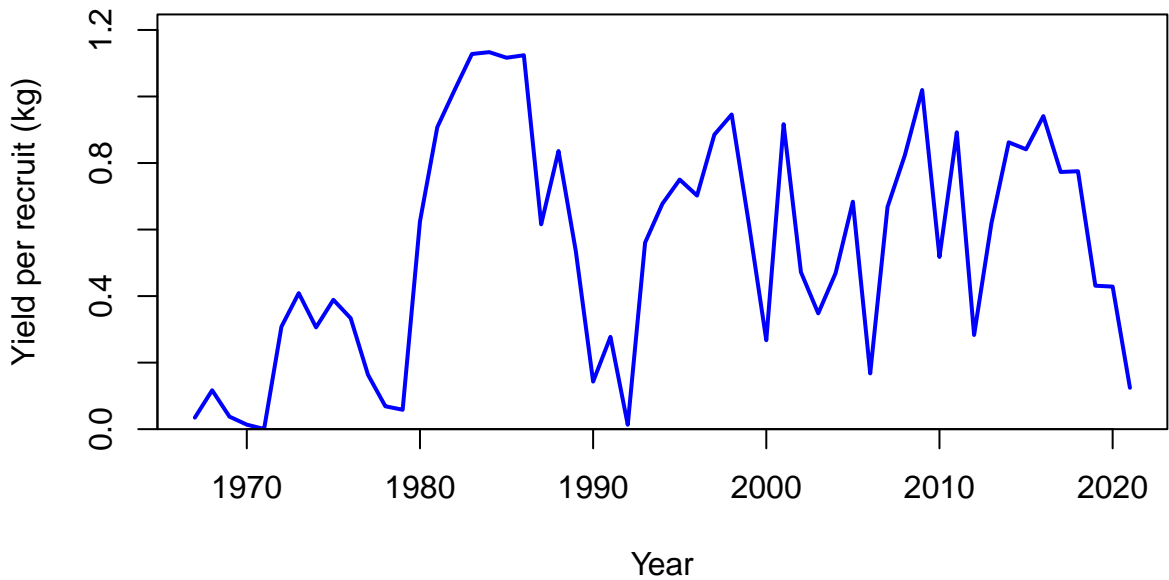


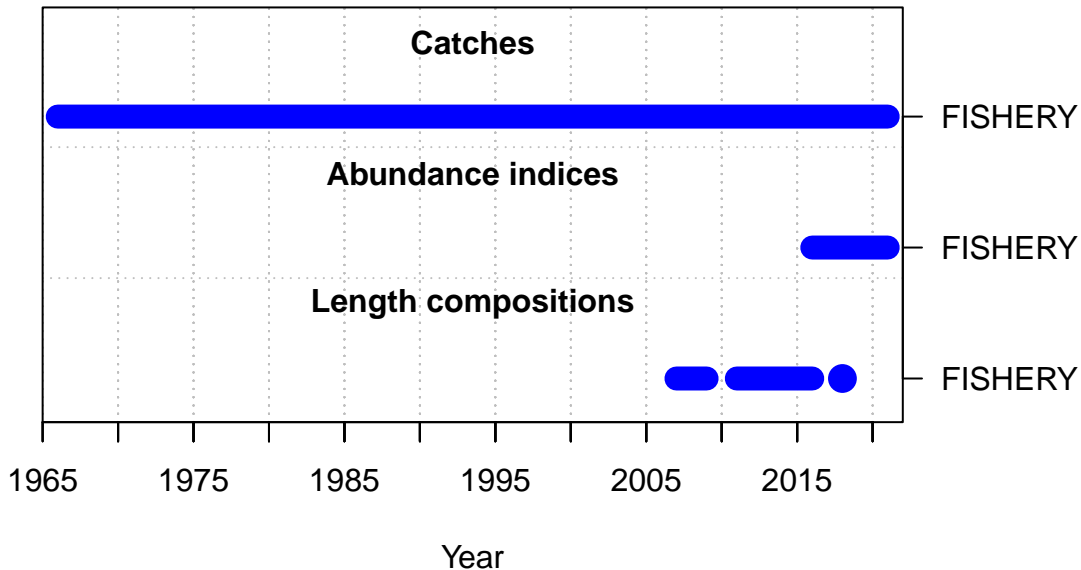


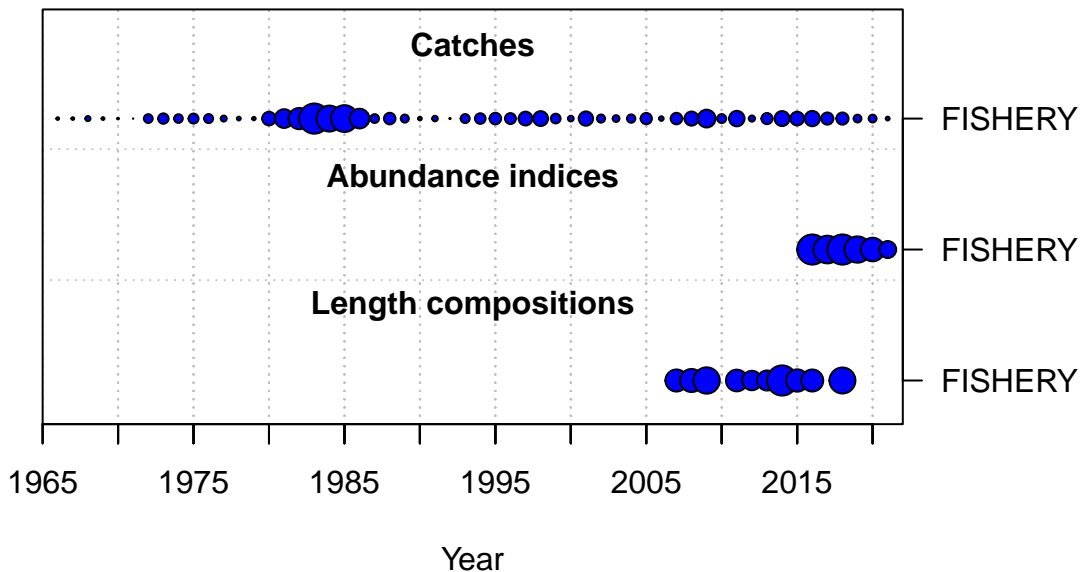




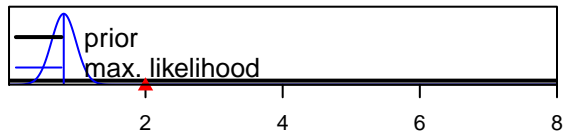




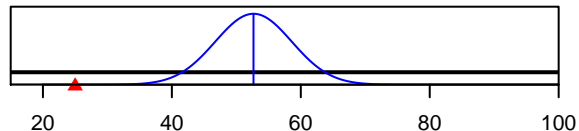




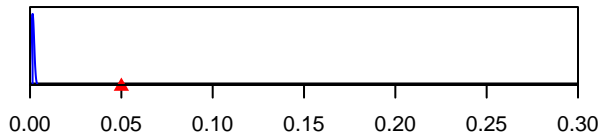
SR\_LN(R0)



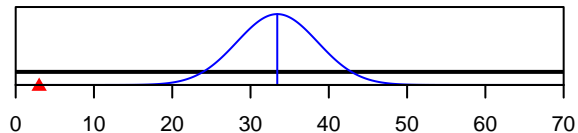
Size\_inflection\_FISHERY(1)



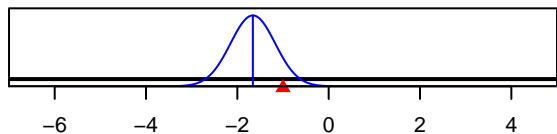
InitF\_seas\_1\_flt\_1FISHERY



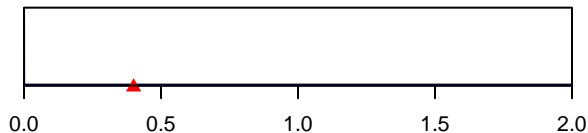
Size\_95%width\_FISHERY(1)



LnQ\_base\_FISHERY(1)



Q\_extraSD\_FISHERY(1)



Parameter value