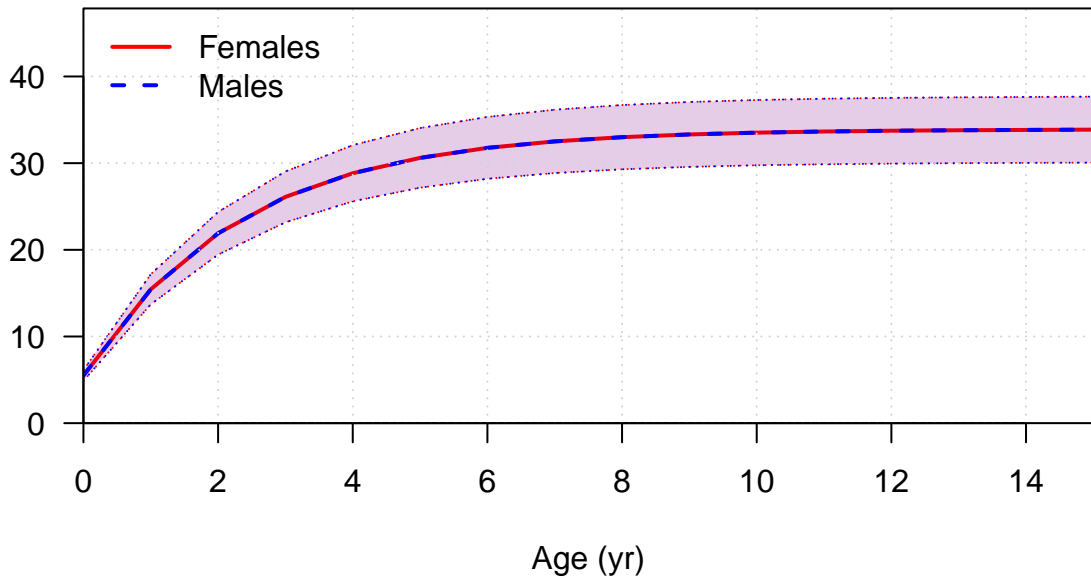
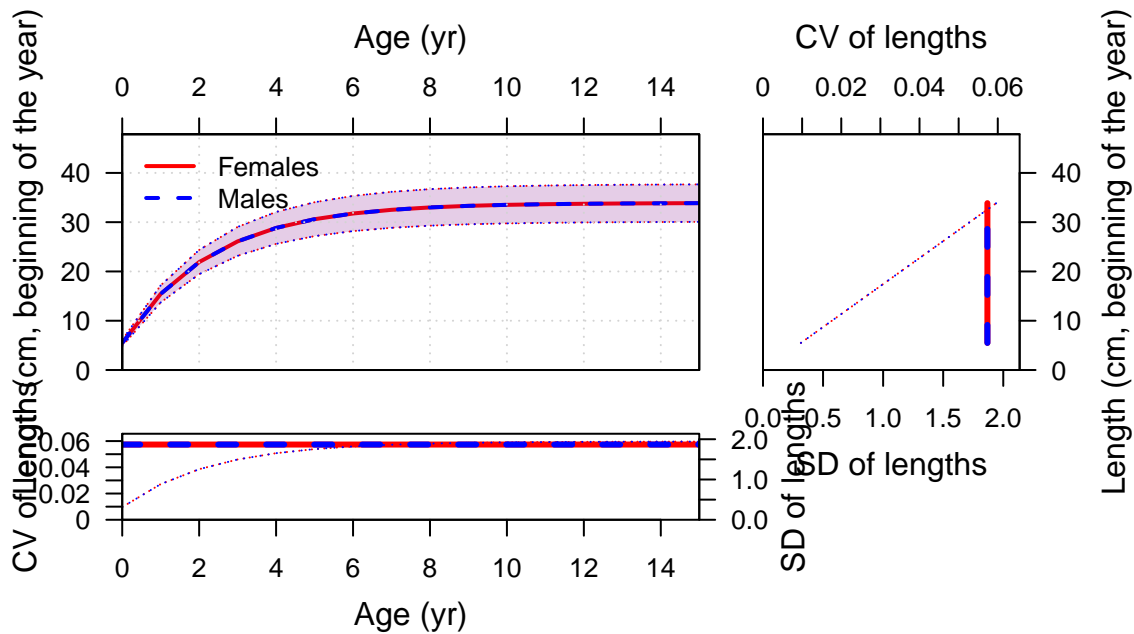
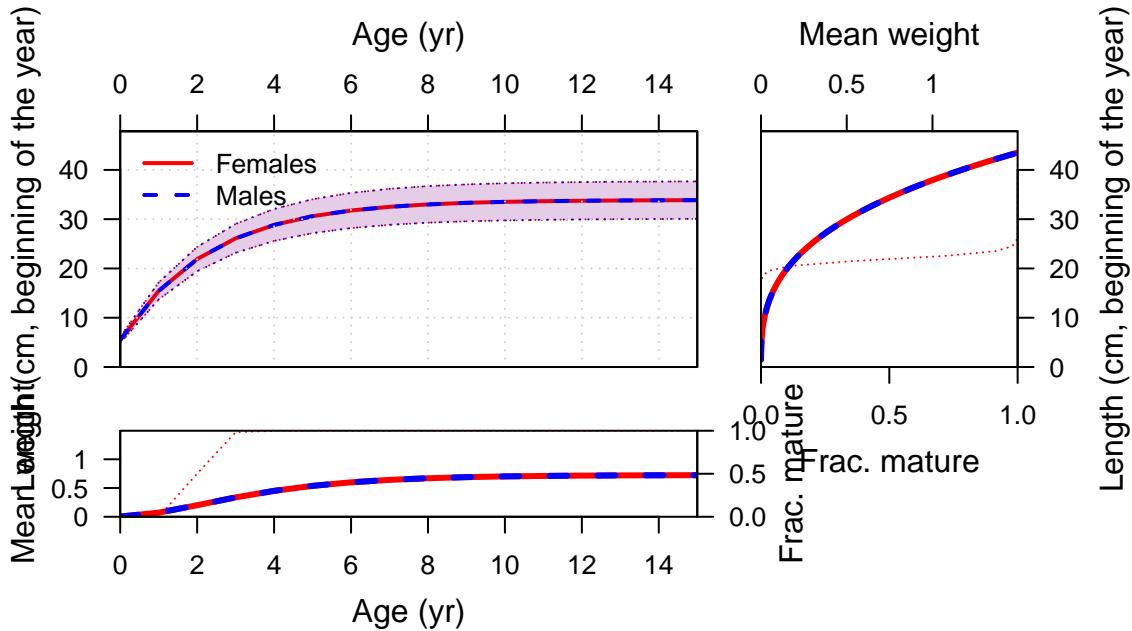


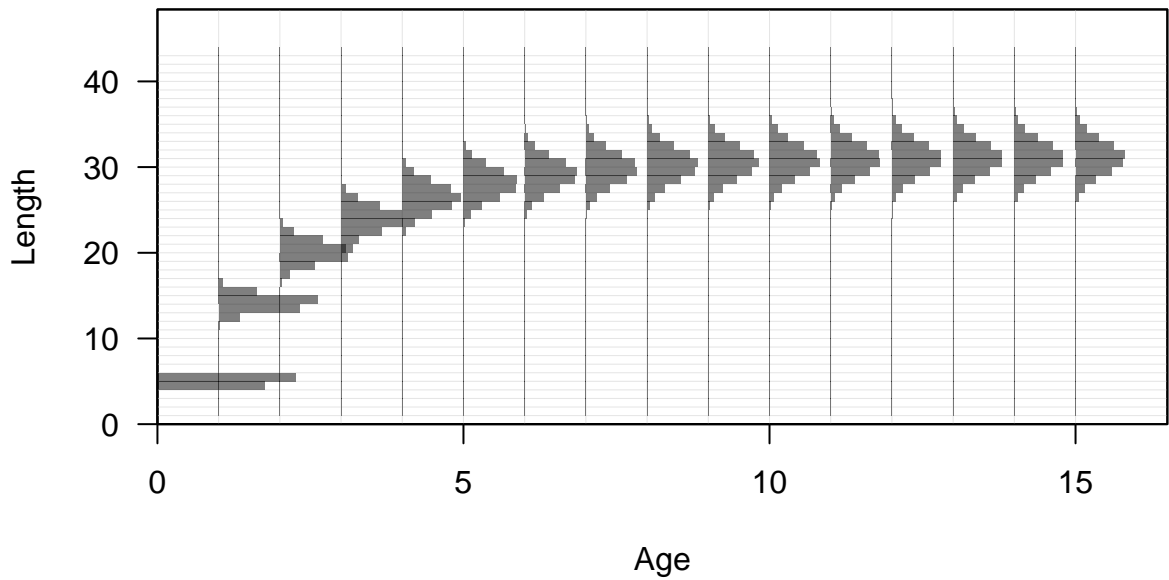
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Tue Jan 10 11:29:15 2023  
Data\_File: data.ss  
Control\_File: control.ss

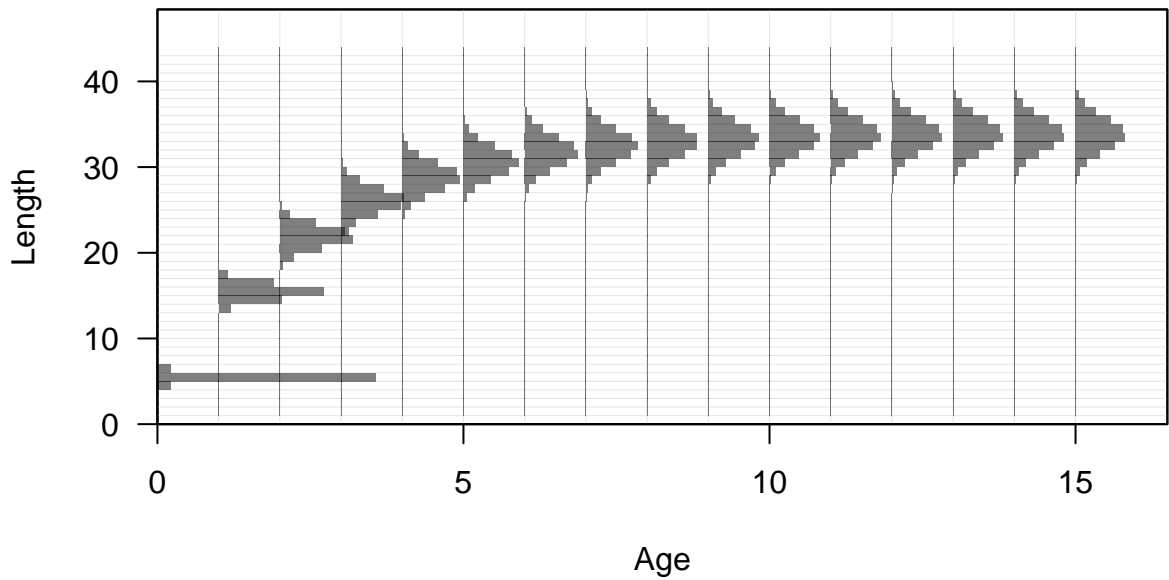
Length (cm, beginning of the year)

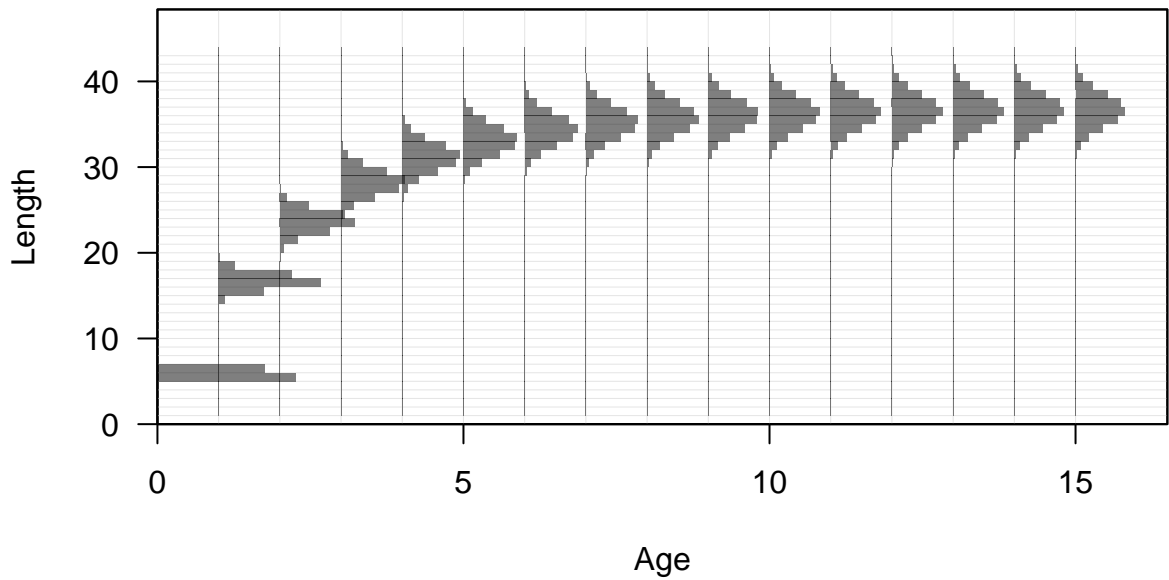


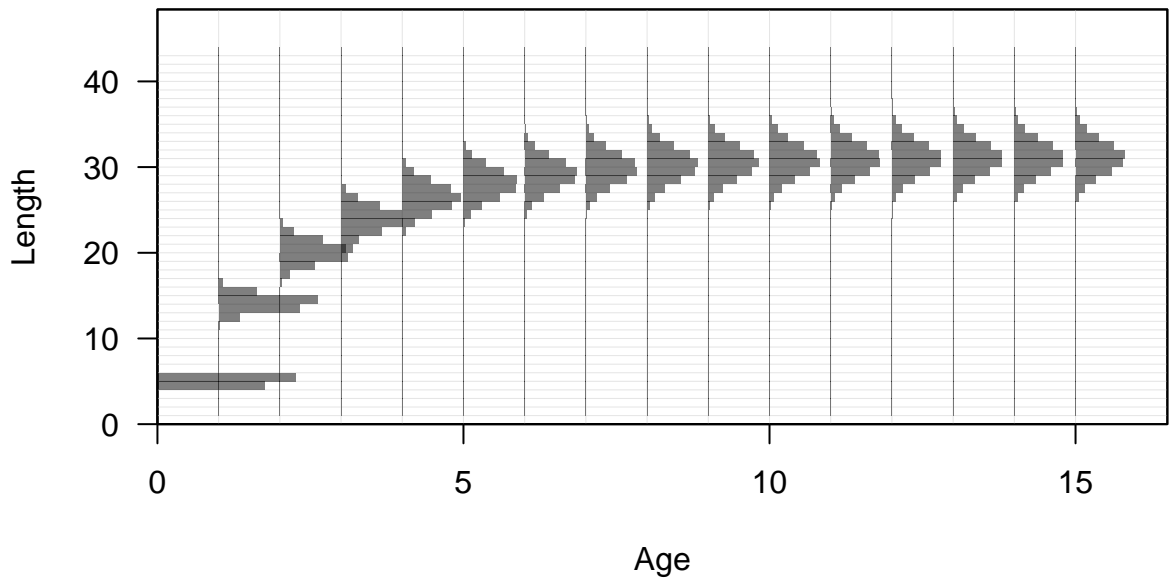




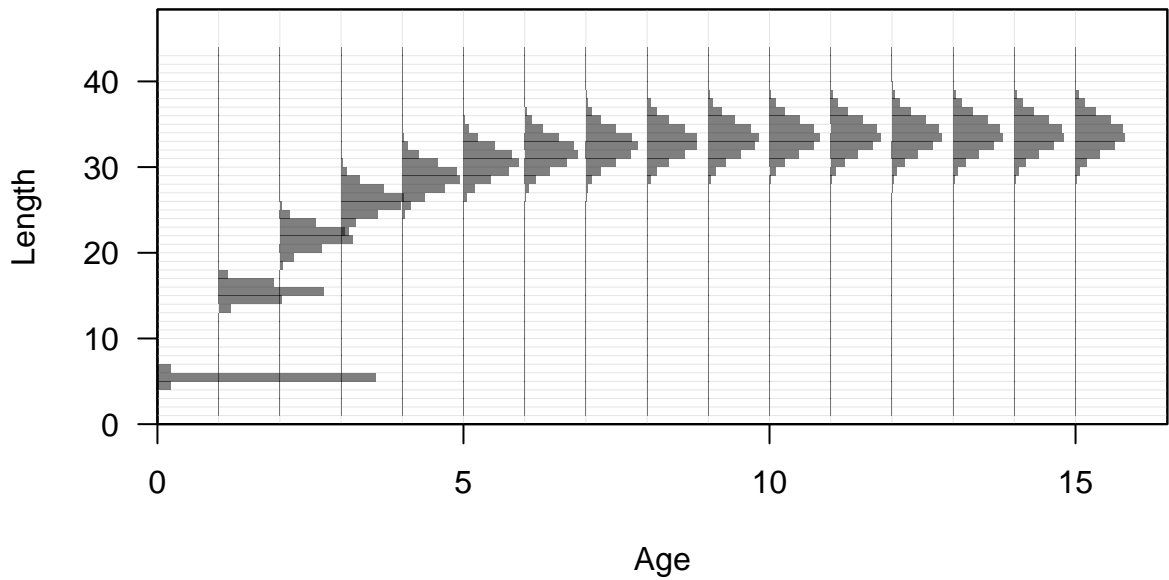


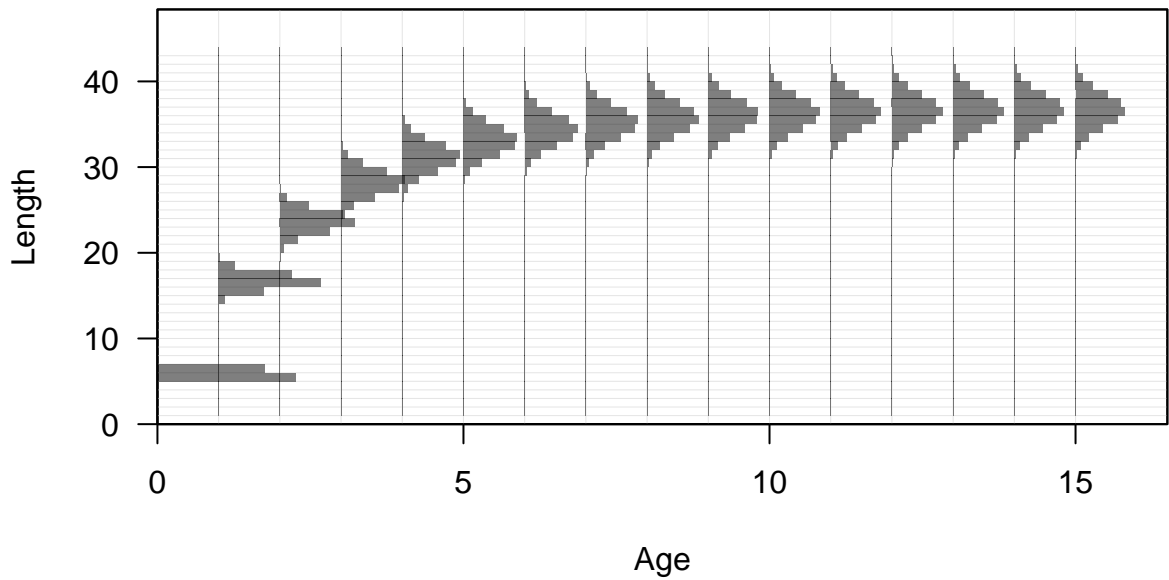


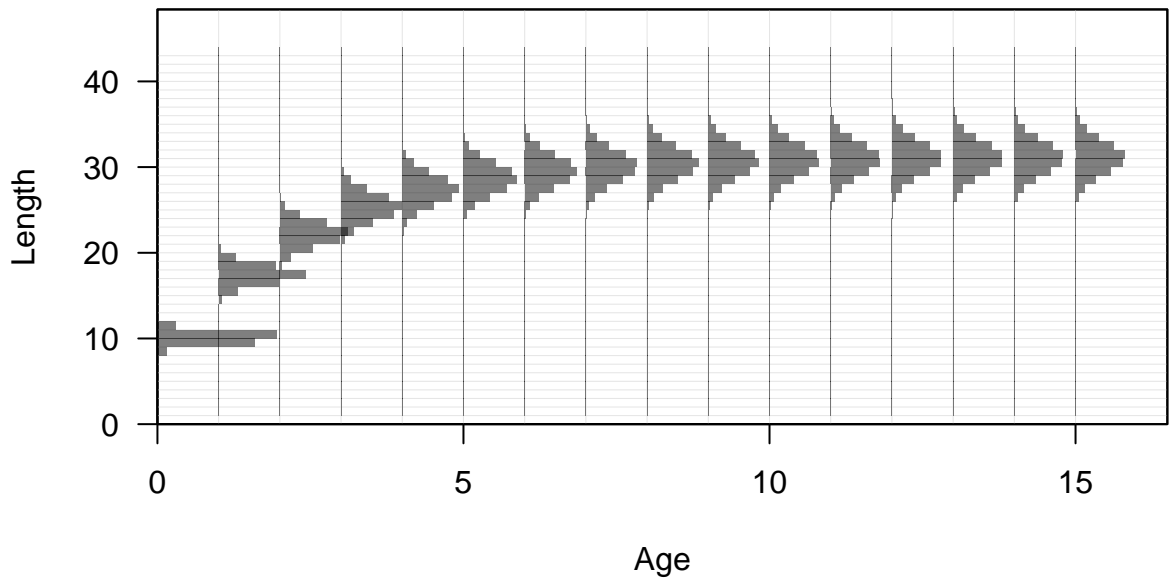


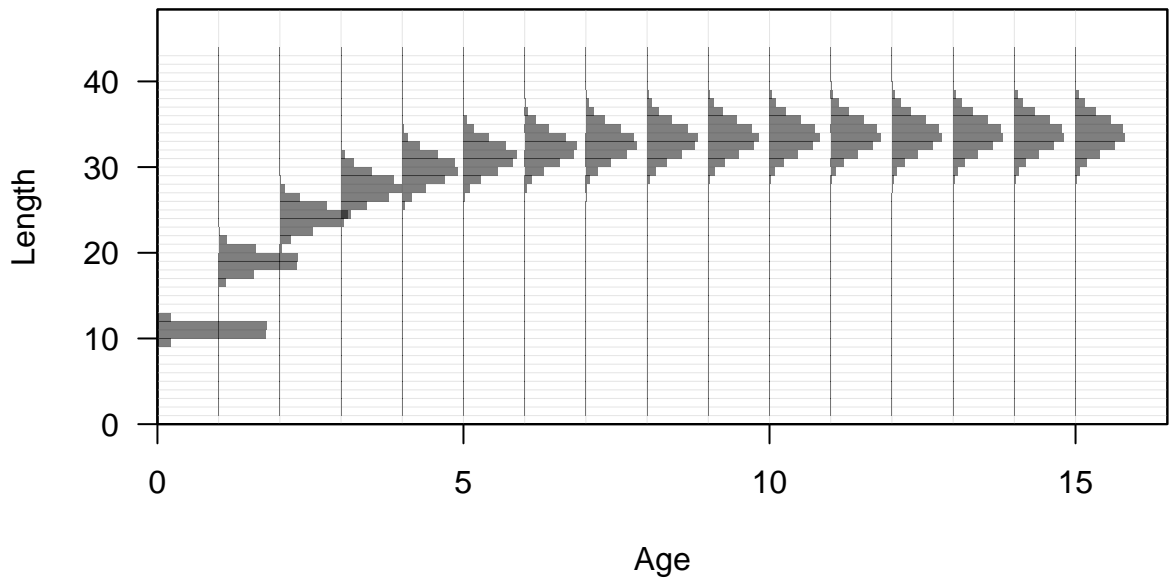


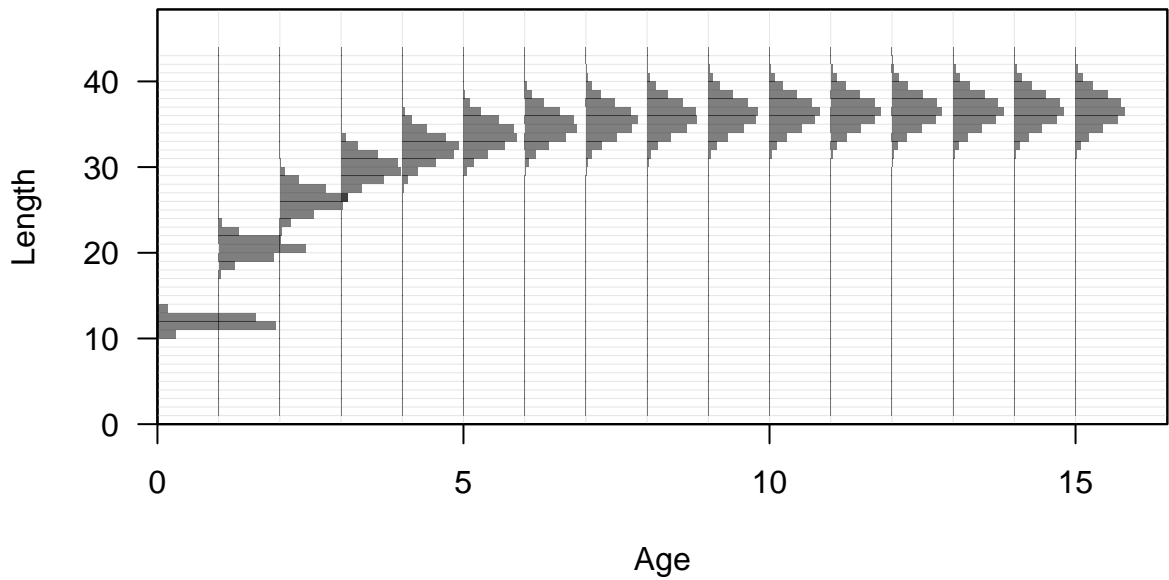


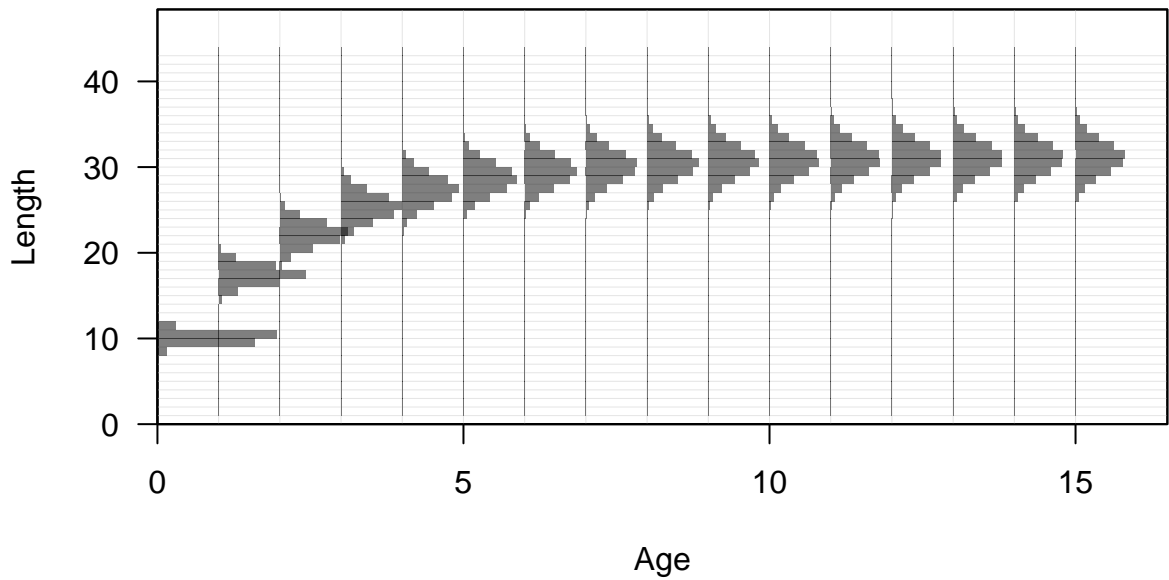


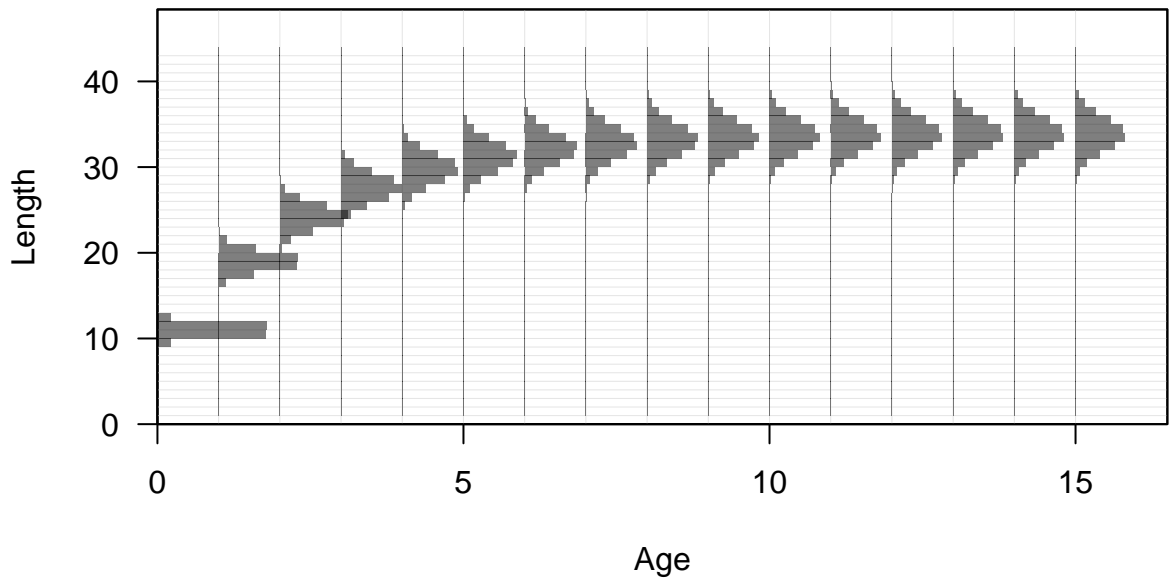


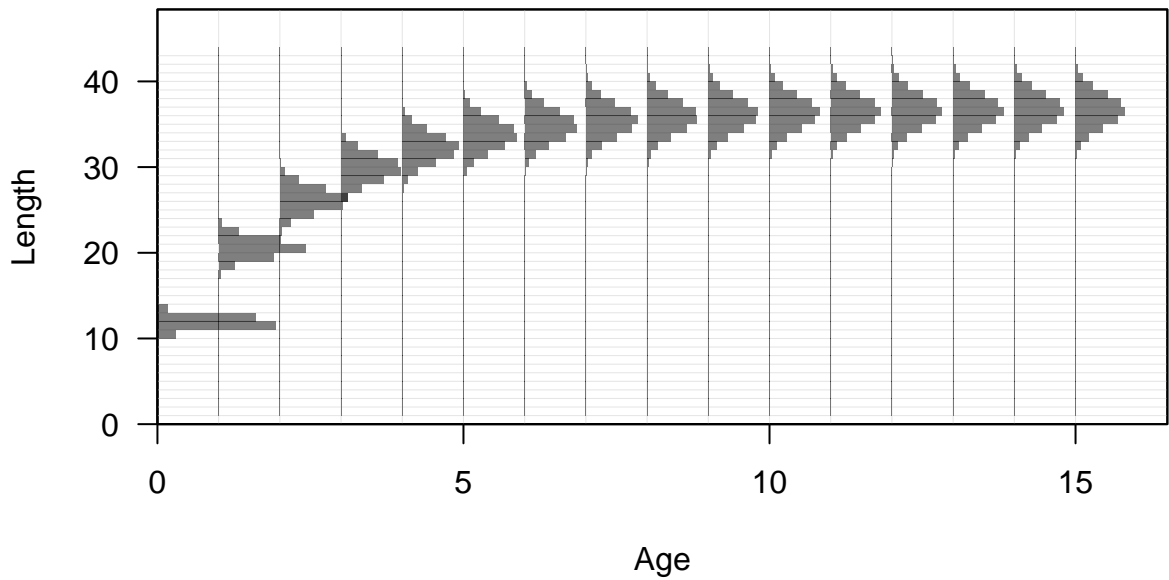




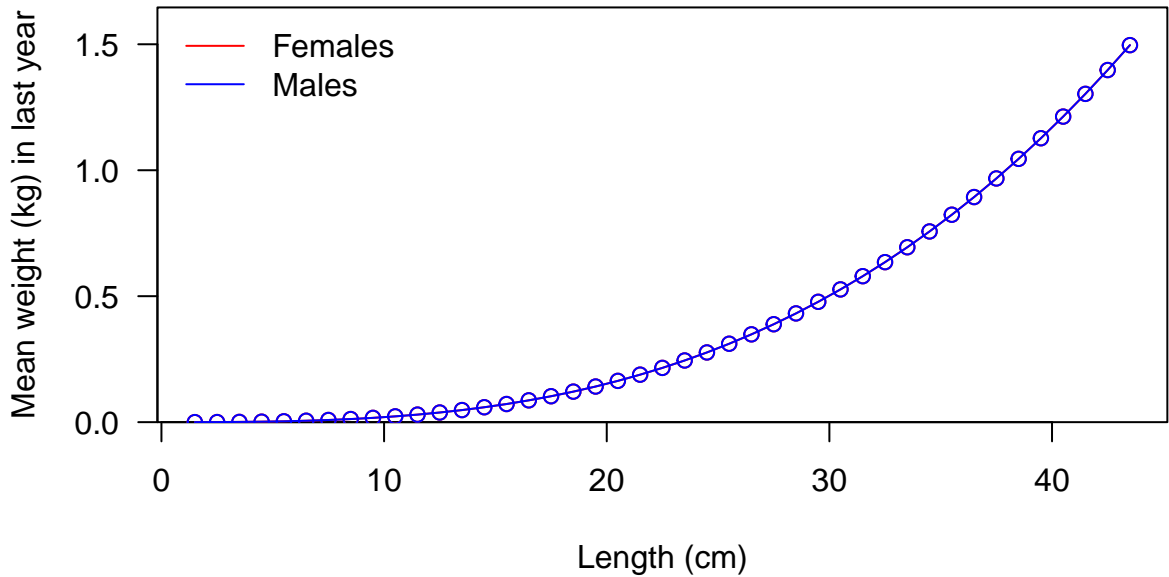


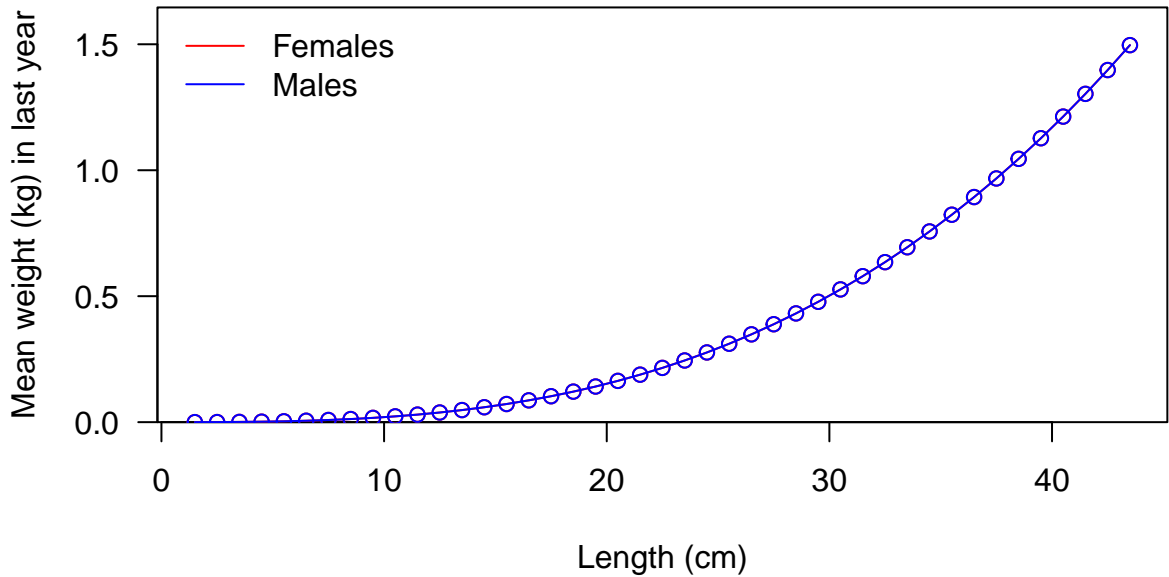


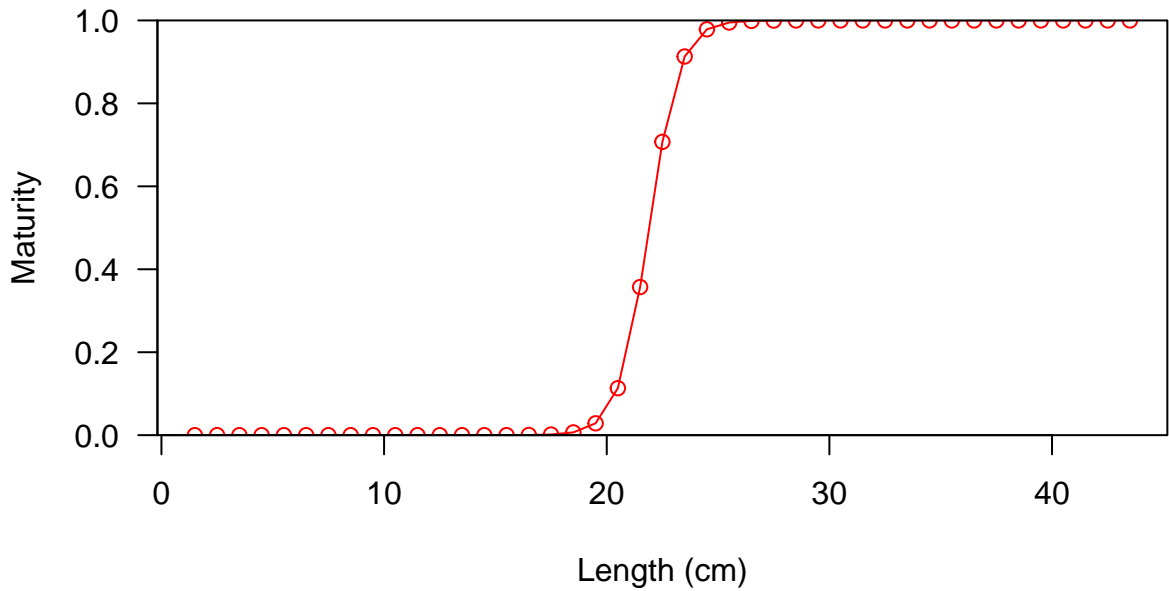


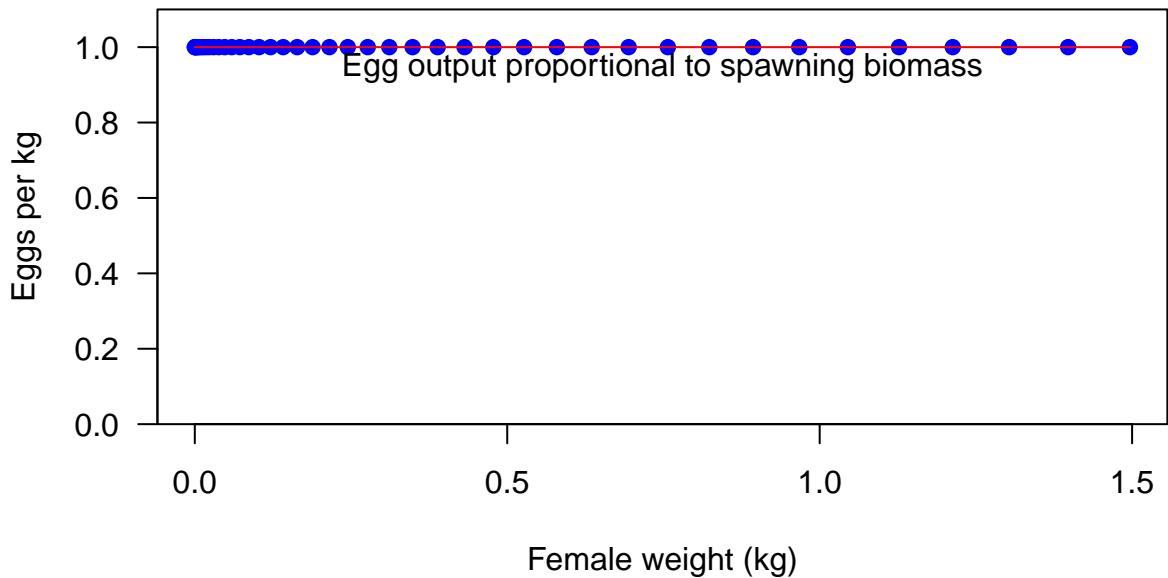


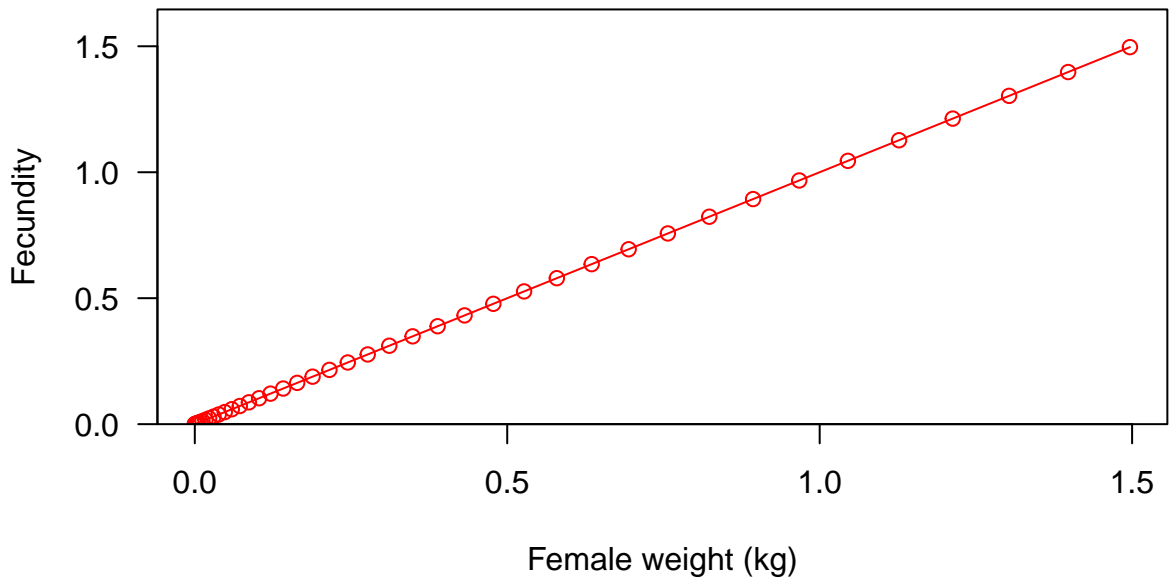


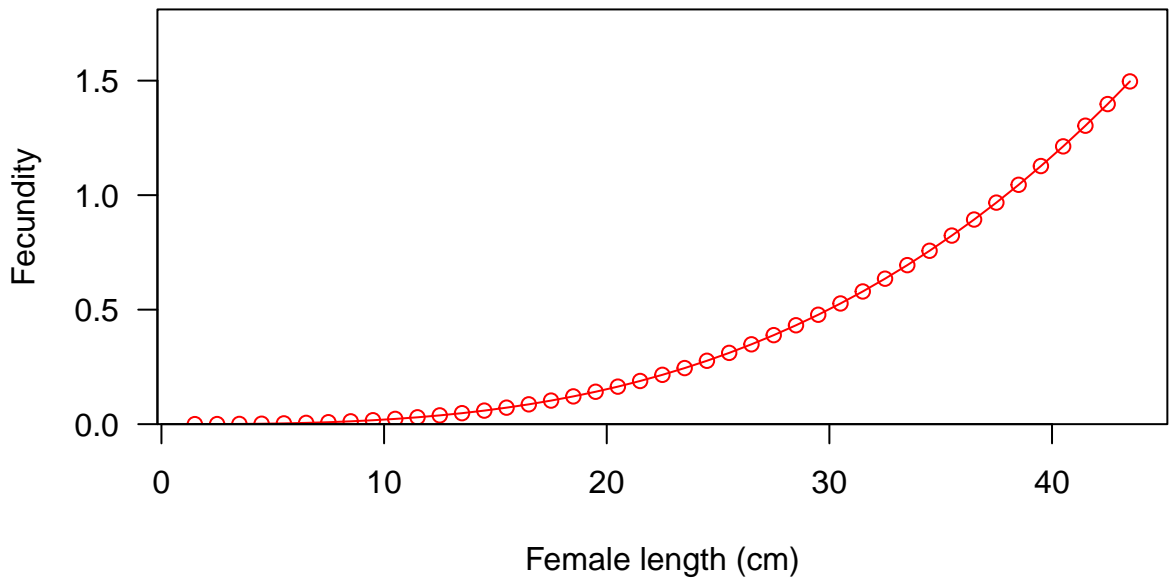


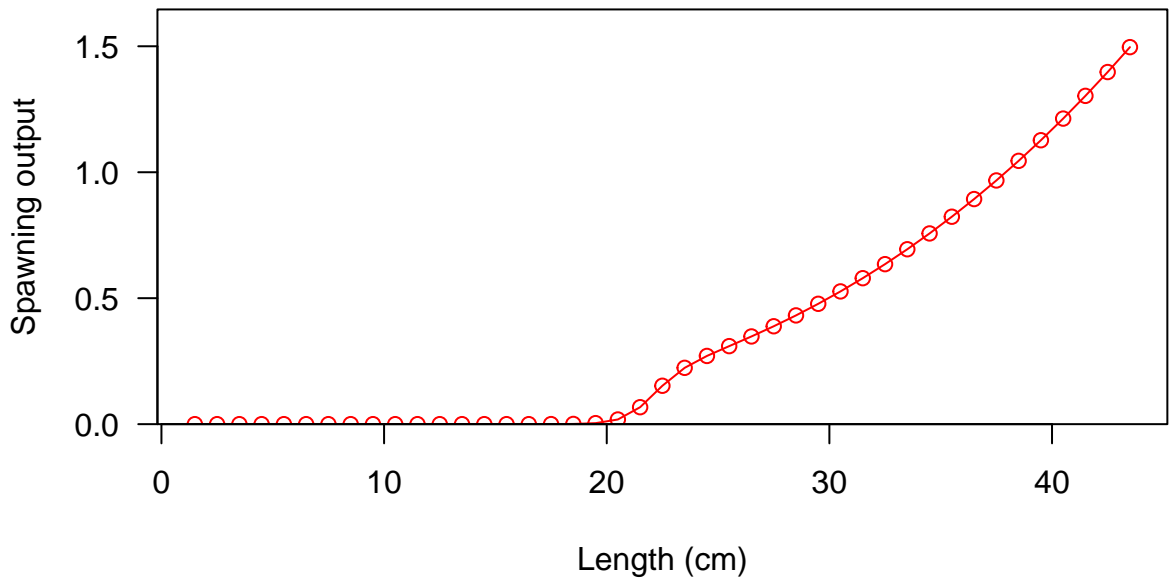


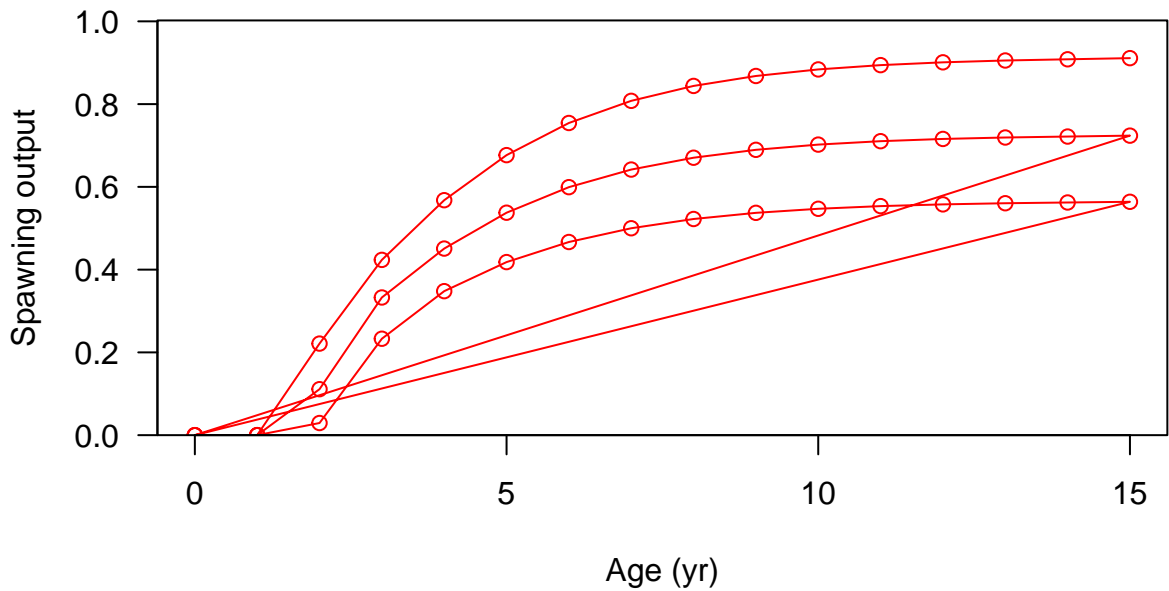






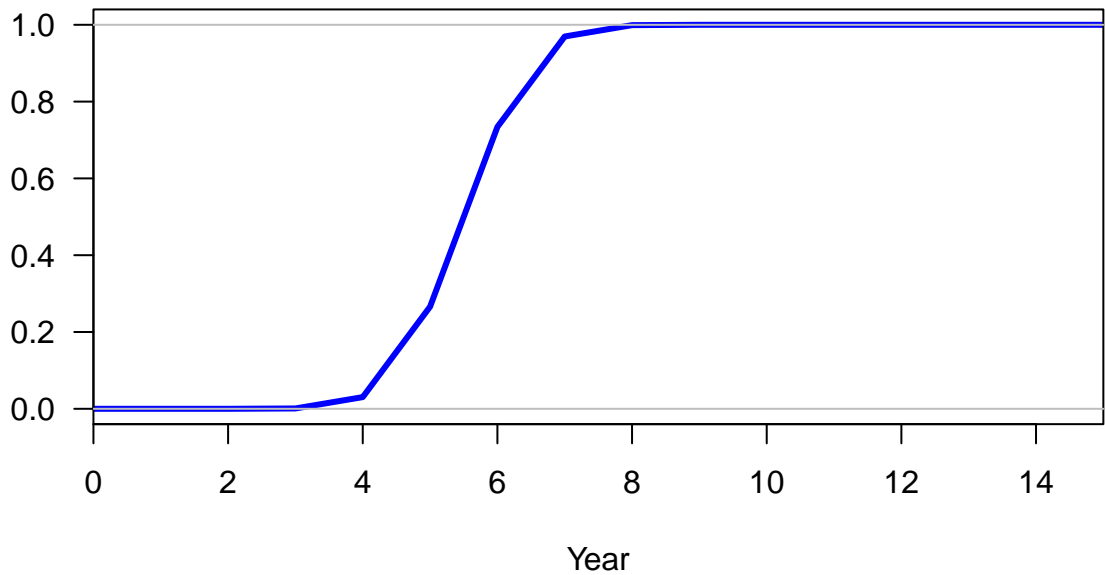




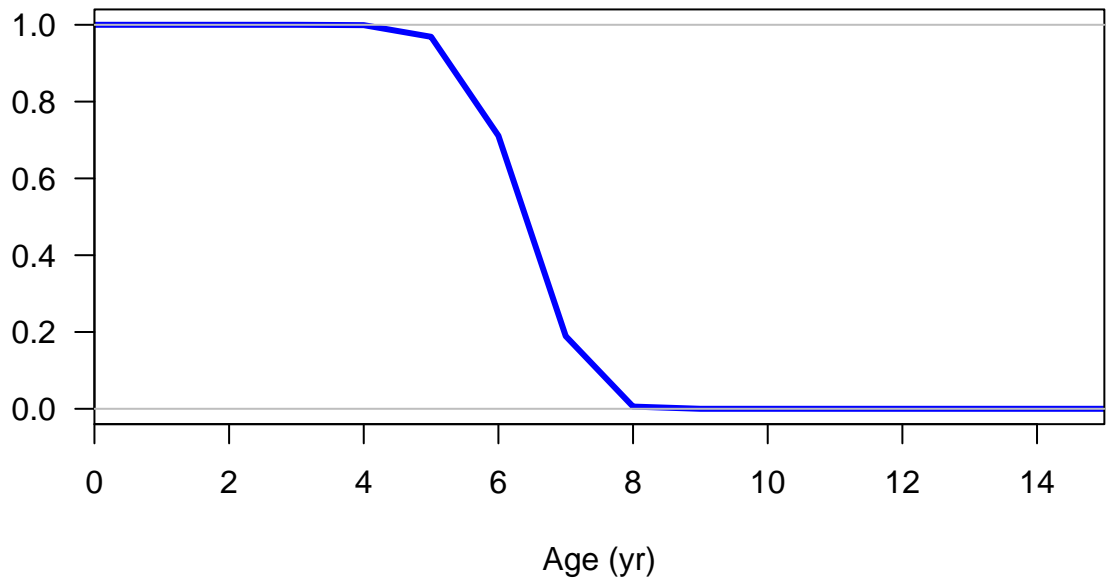




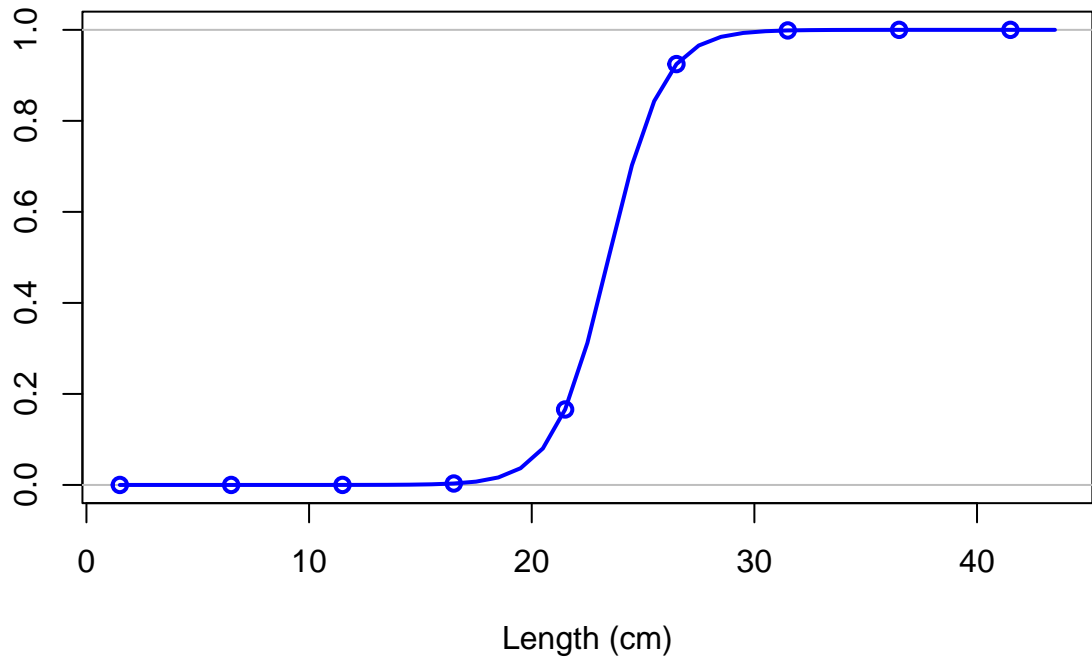
Hermaphroditism transition rate



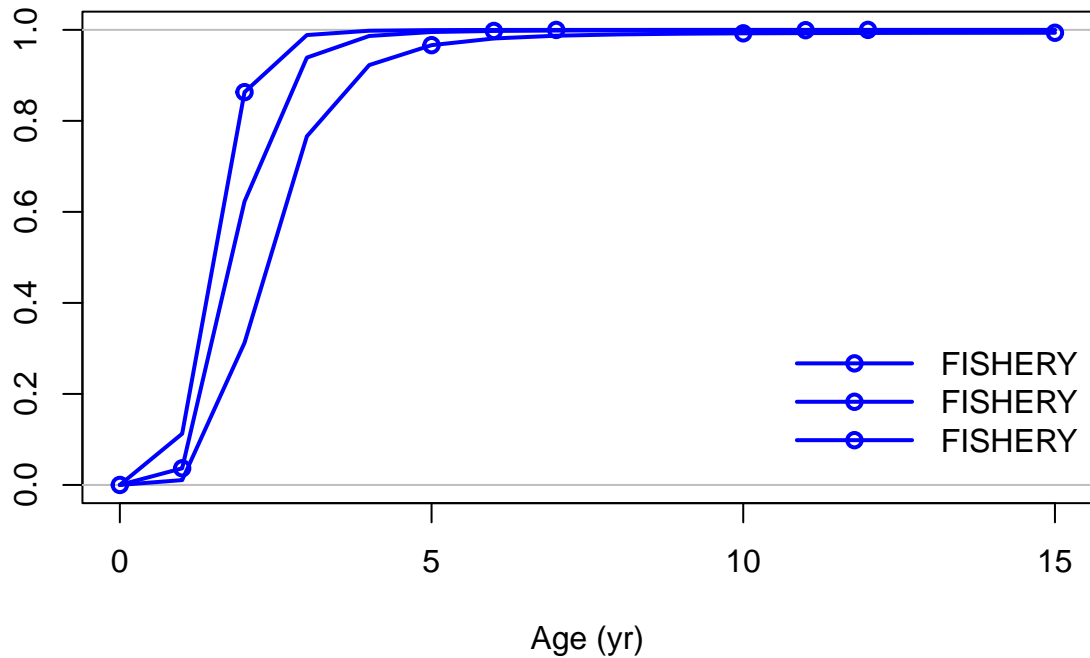
Fraction females by age at equilibrium



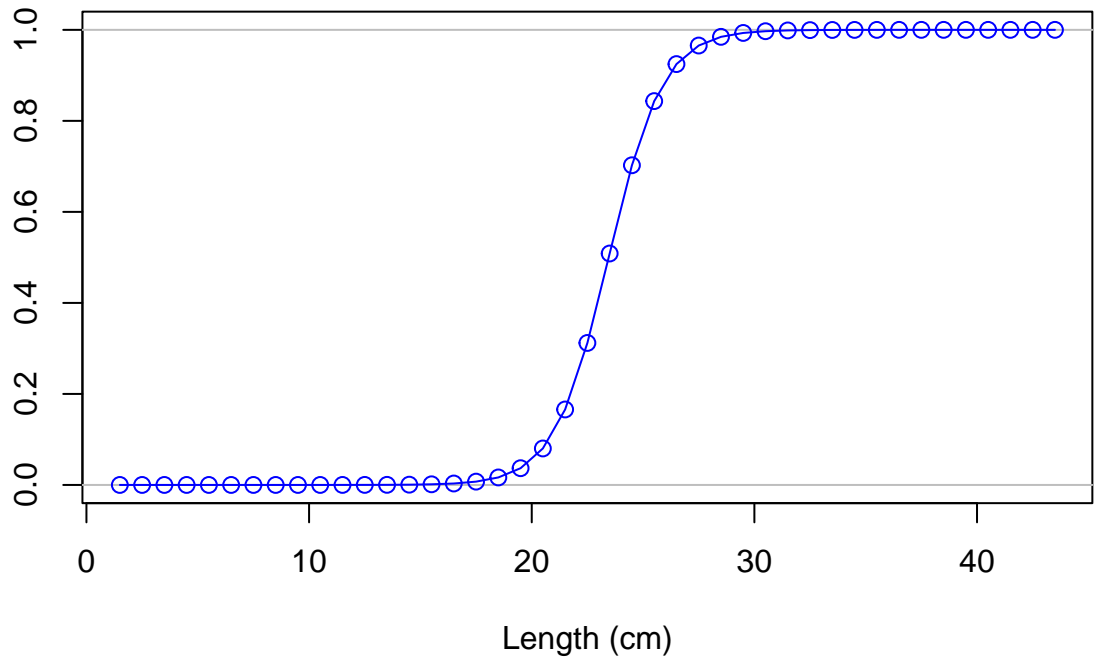
Selectivity



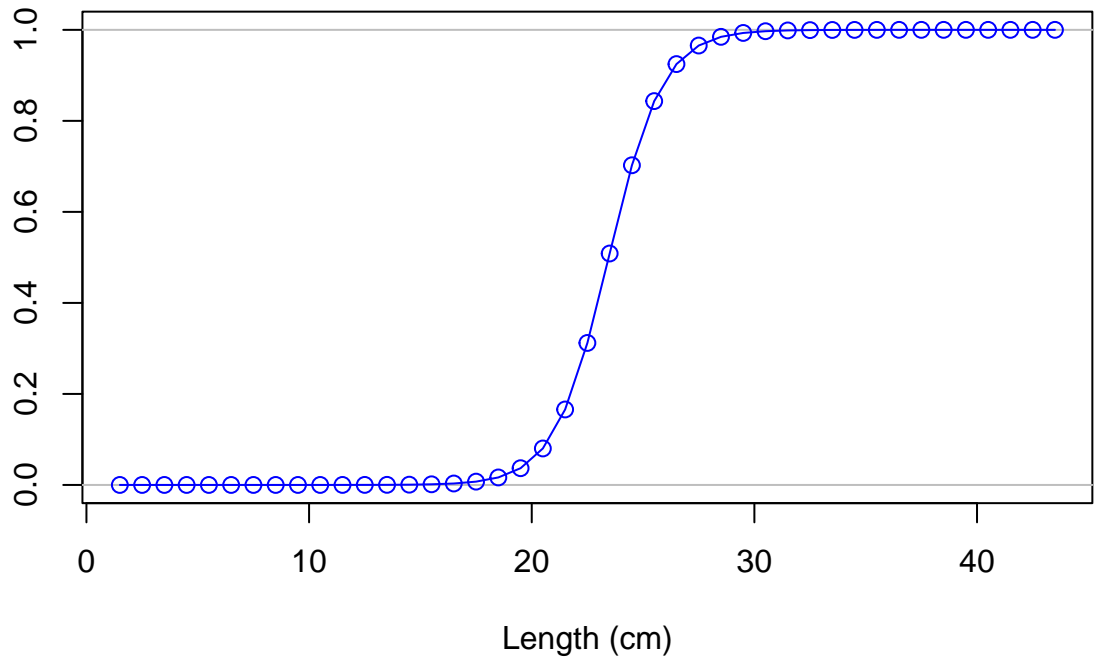
Selectivity

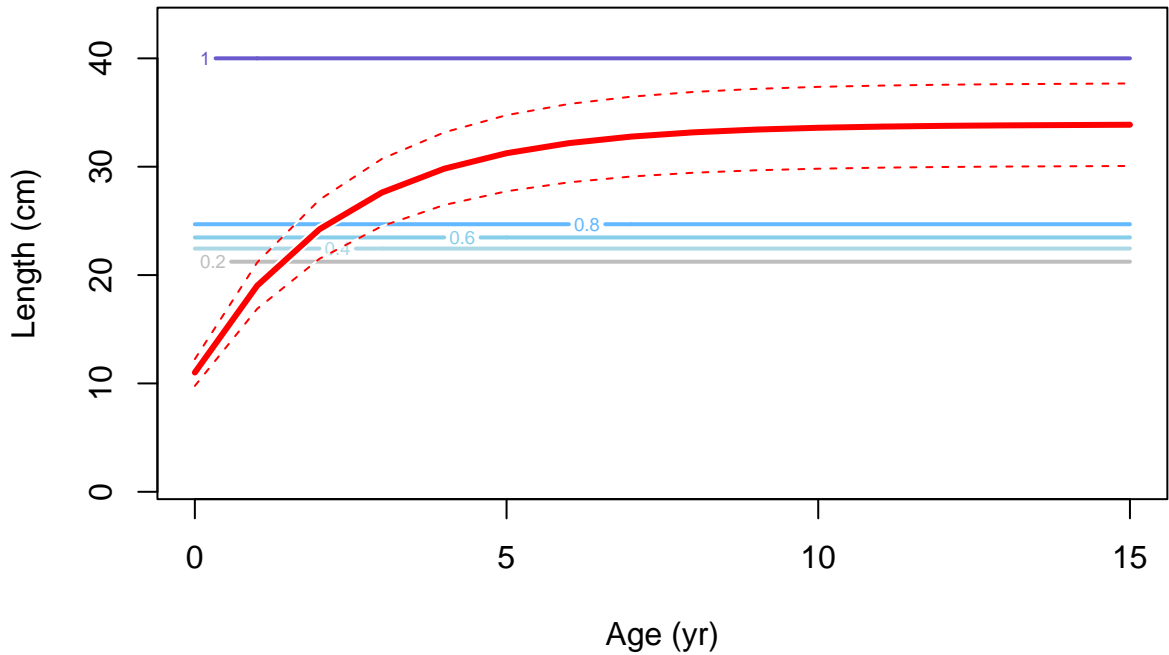


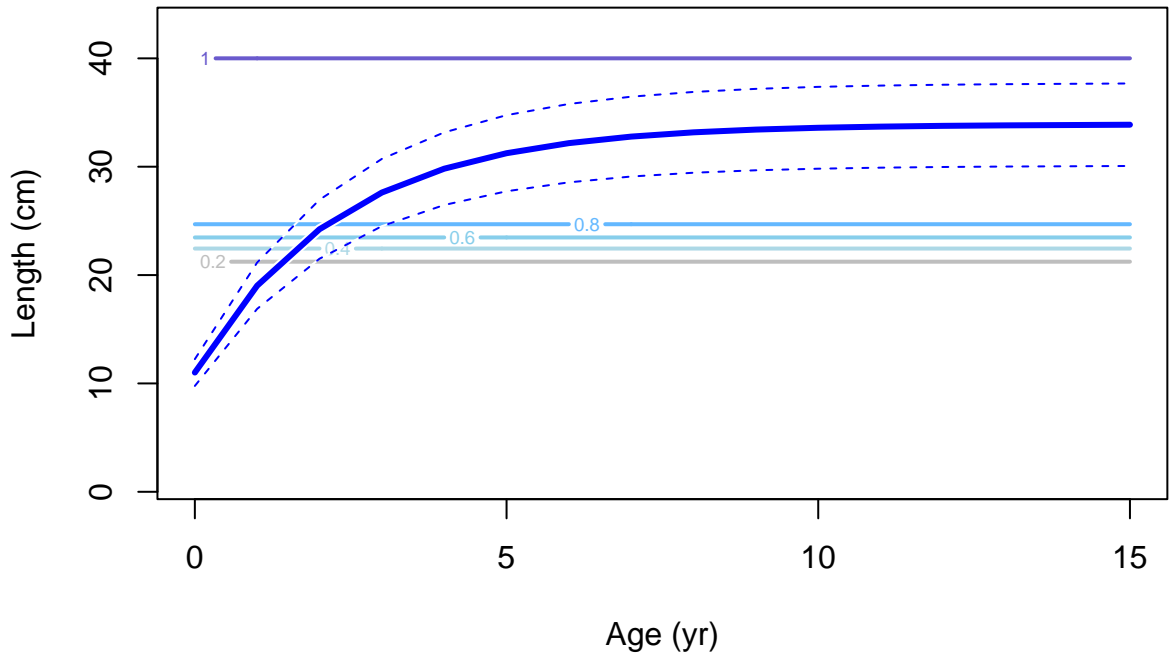
Selectivity



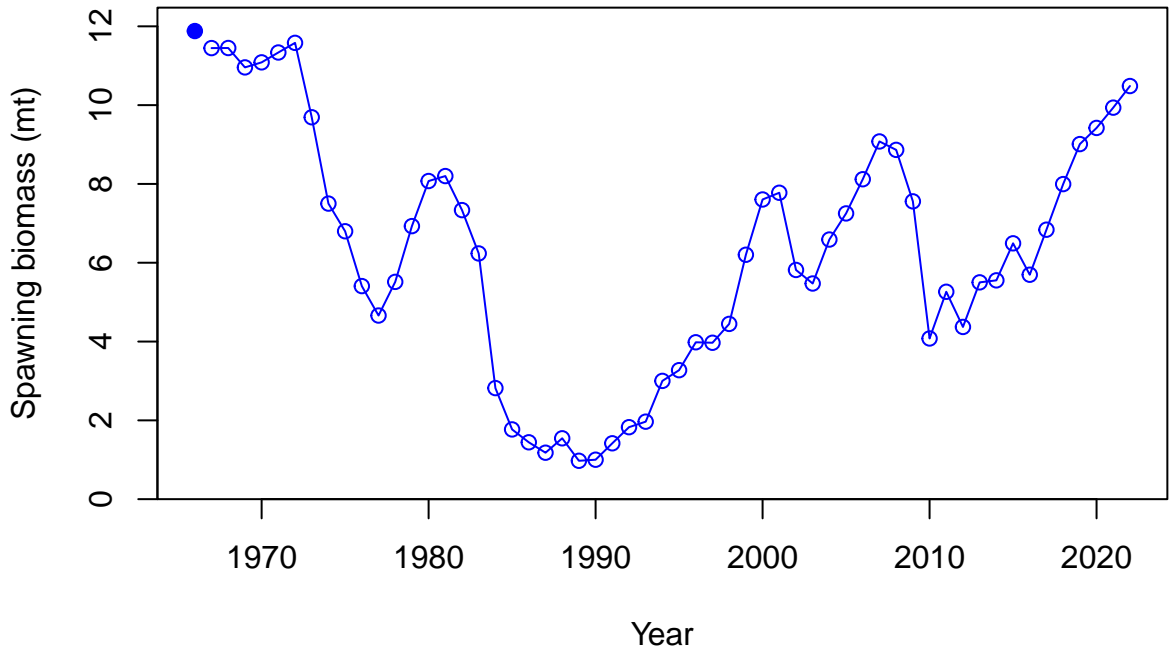
Selectivity



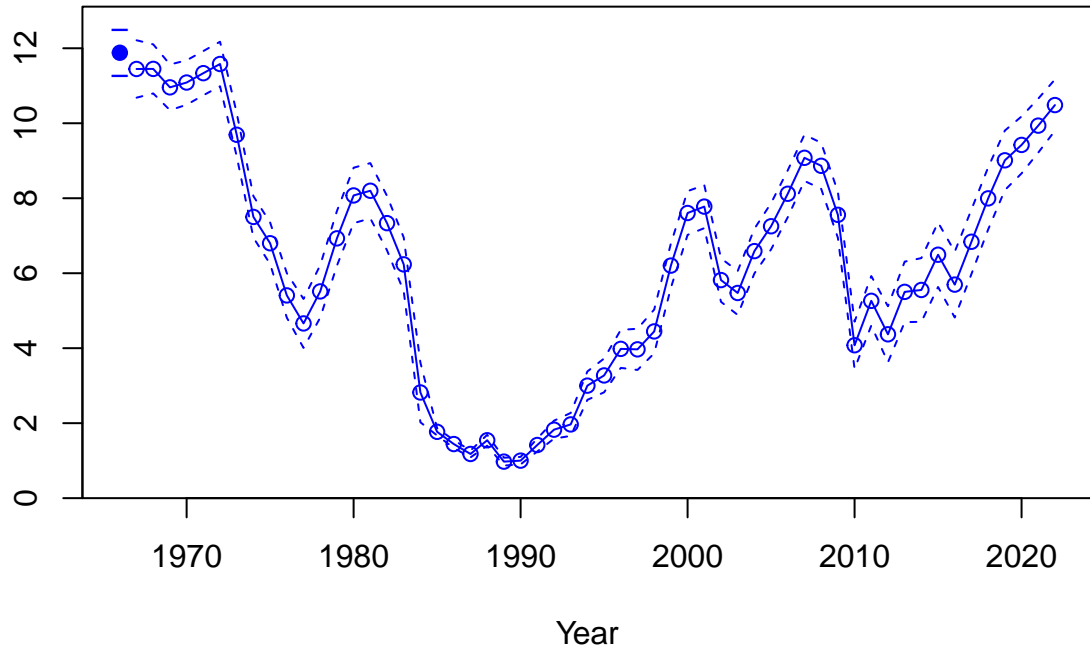




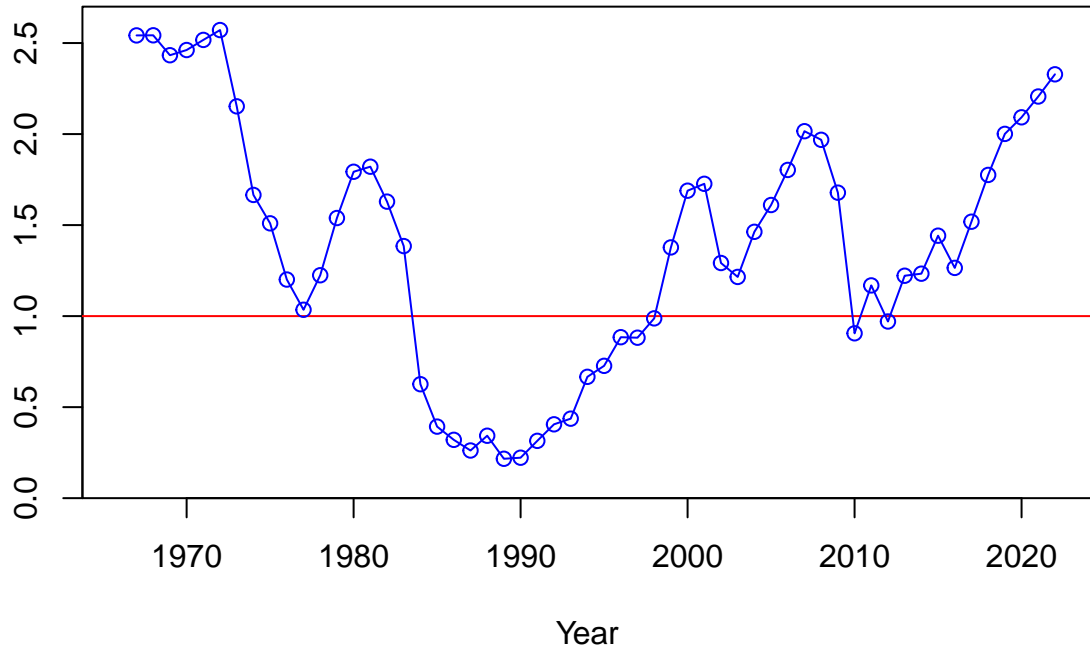




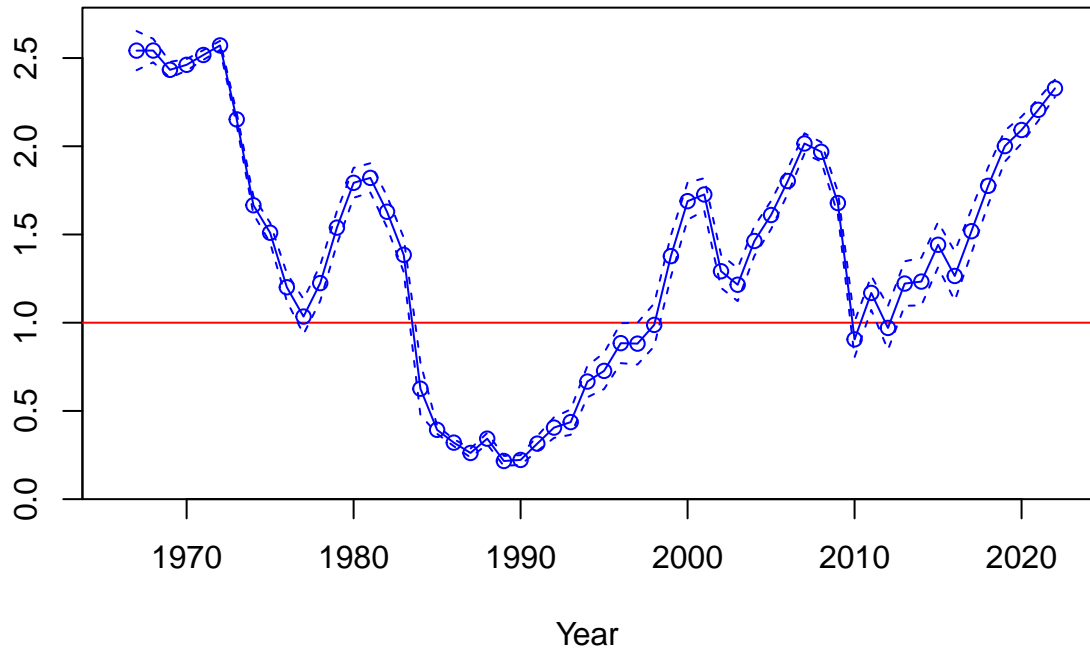
Spawning biomass (mt)

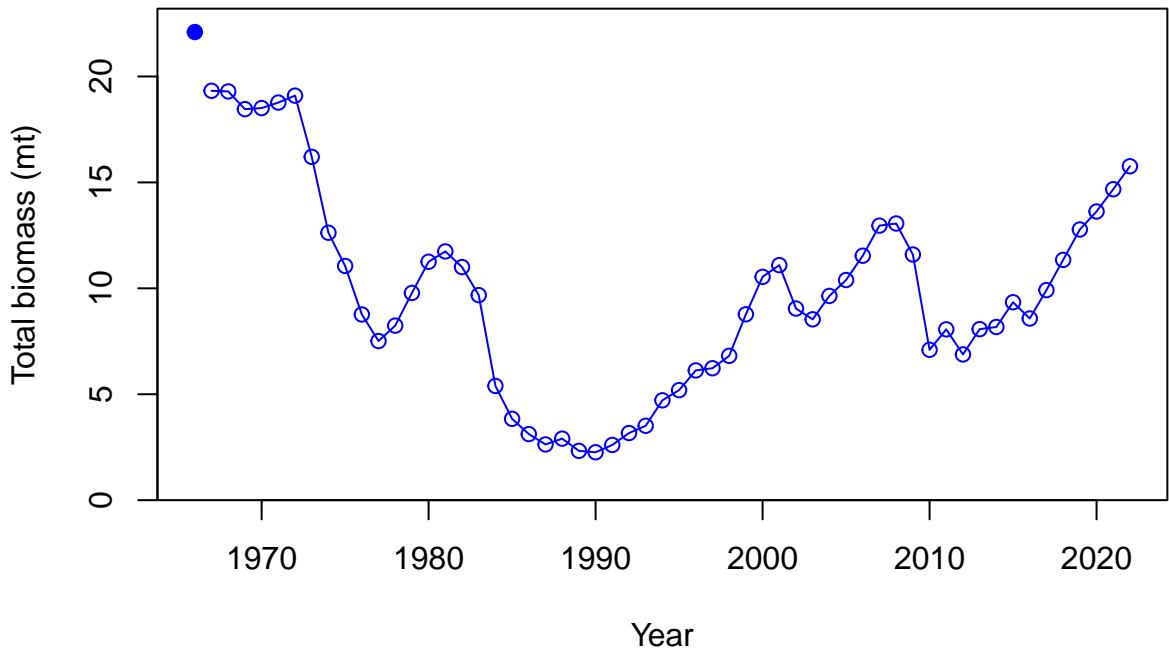


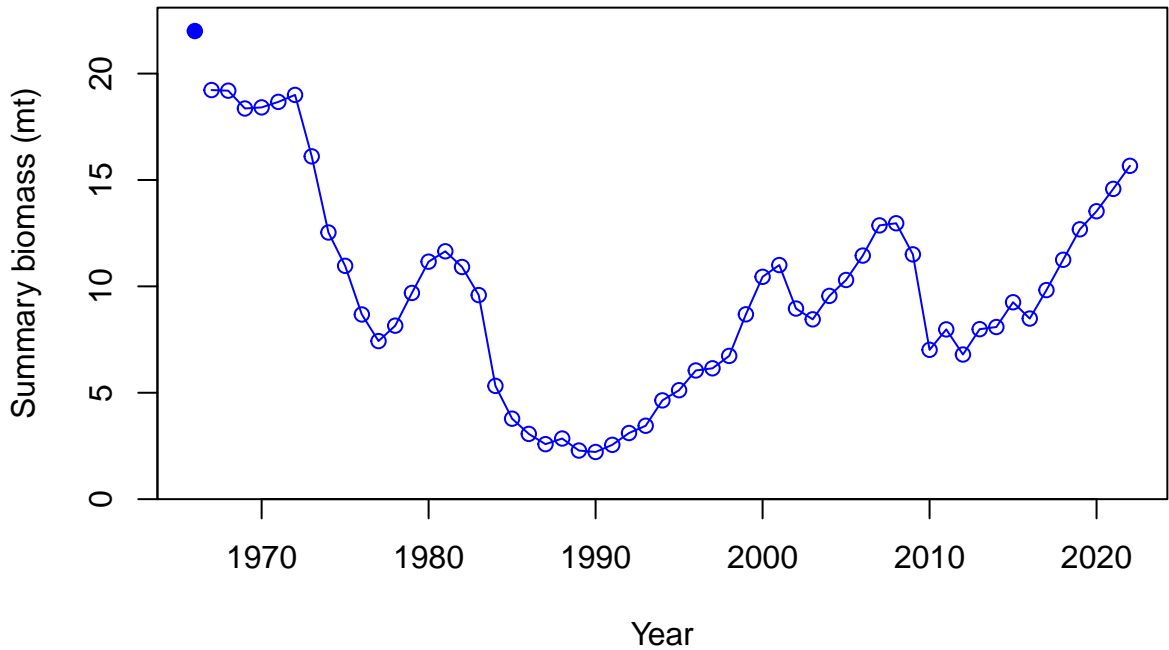
Relative spawning biomass:  $B/B_{MSY}$

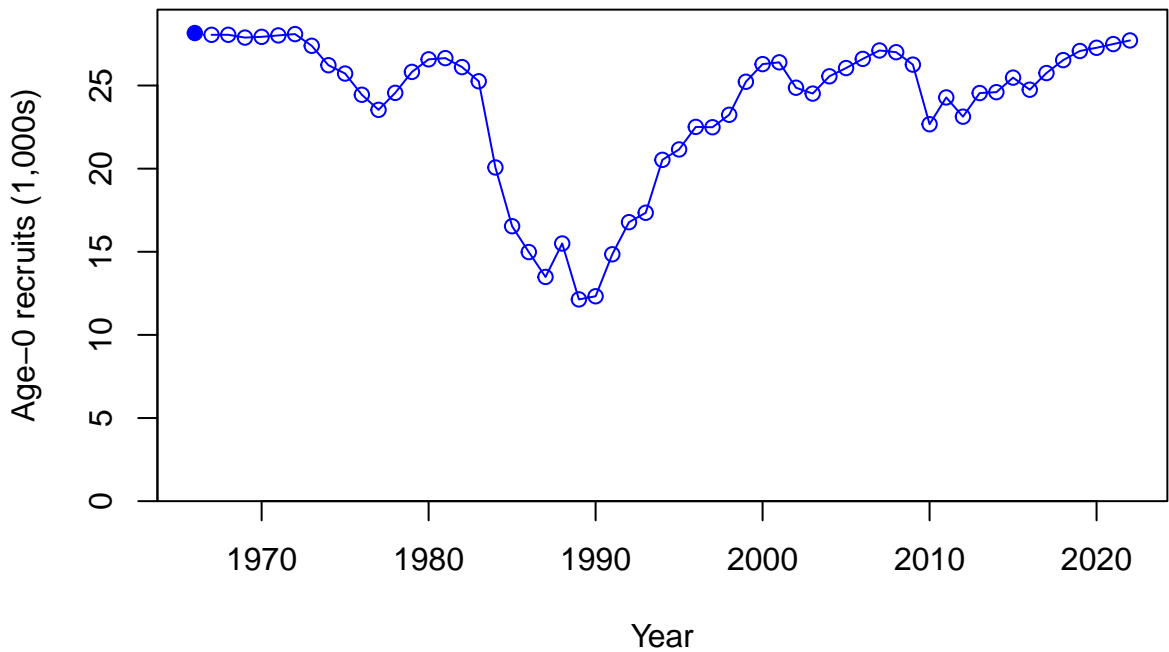


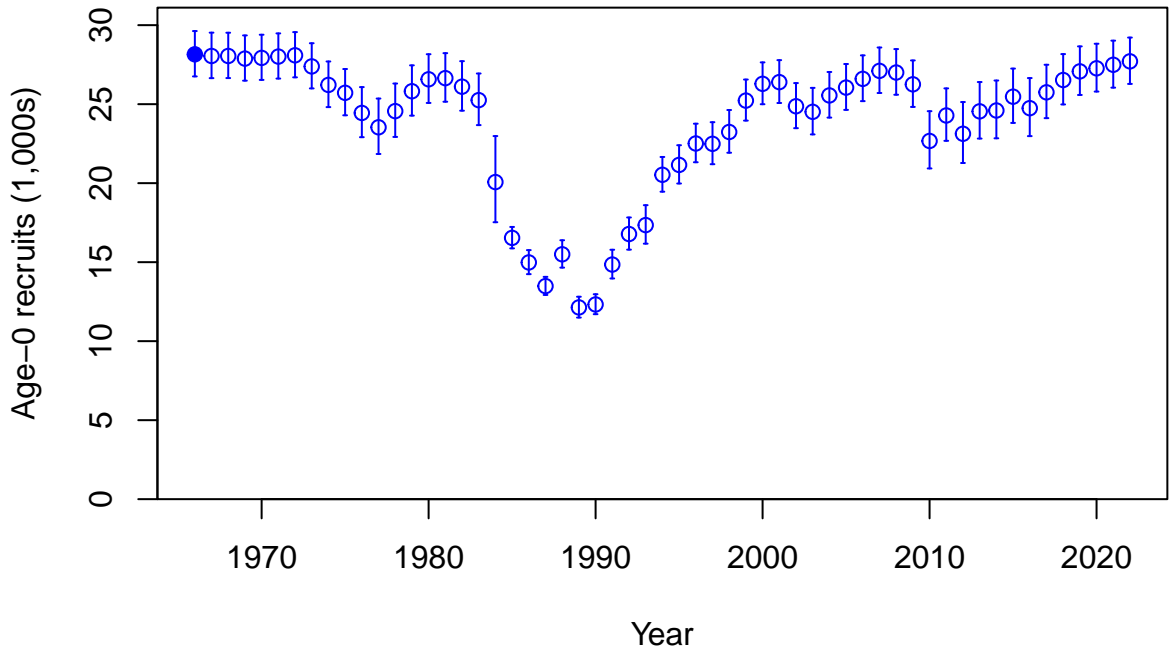
Relative spawning biomass:  $B/B_{MSY}$





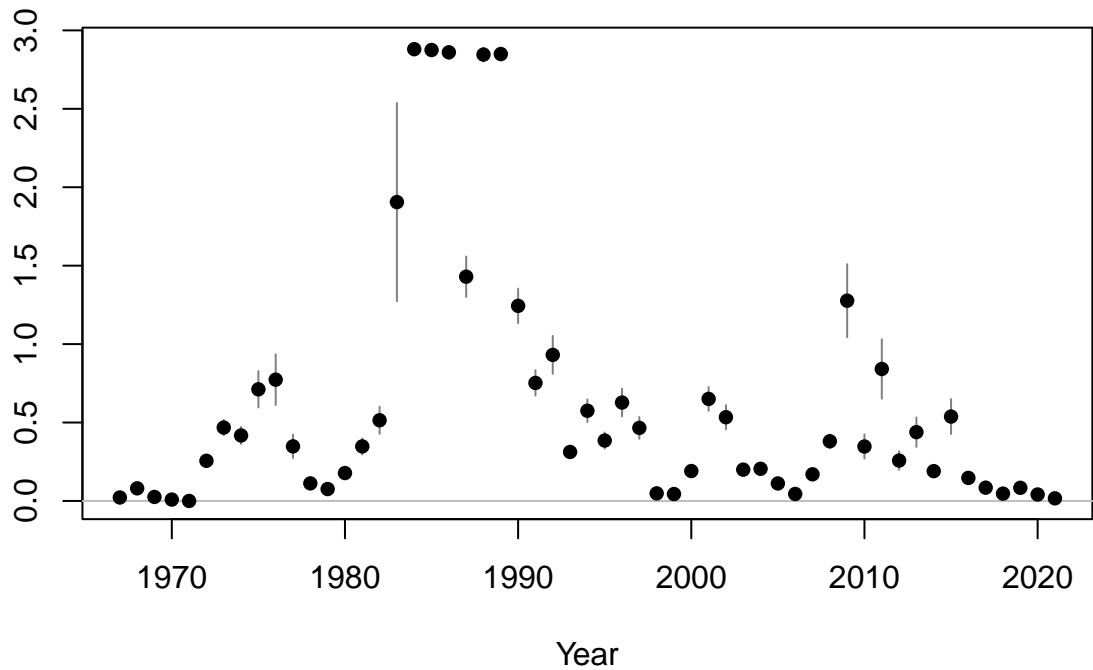


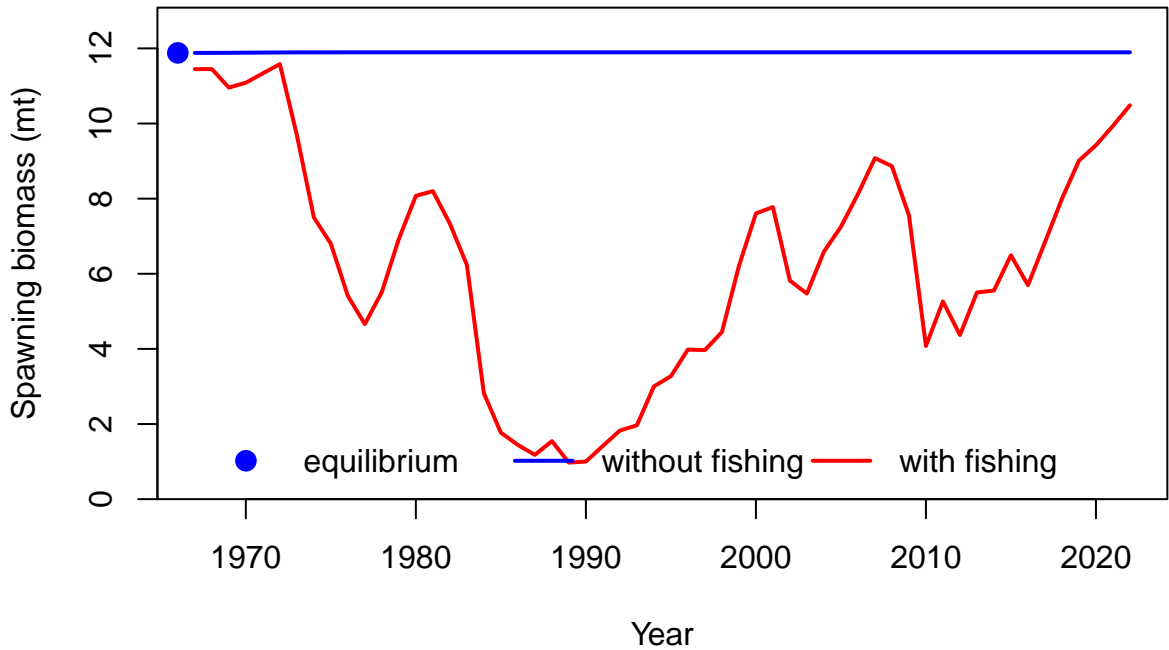


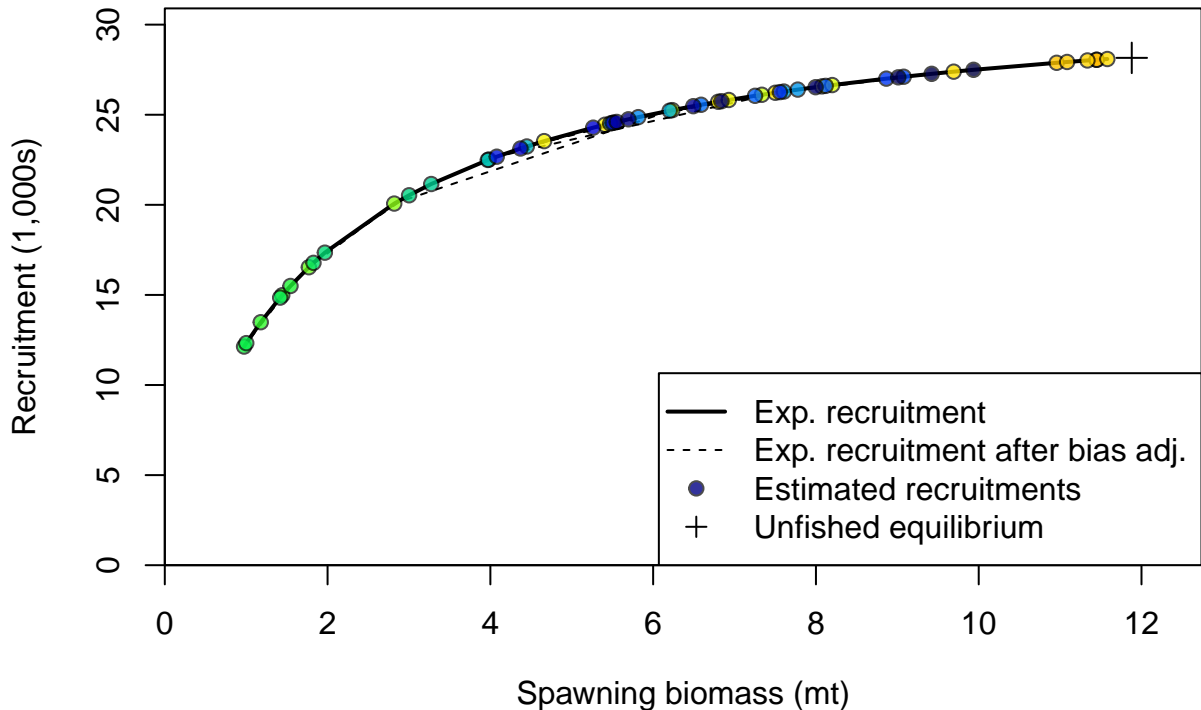


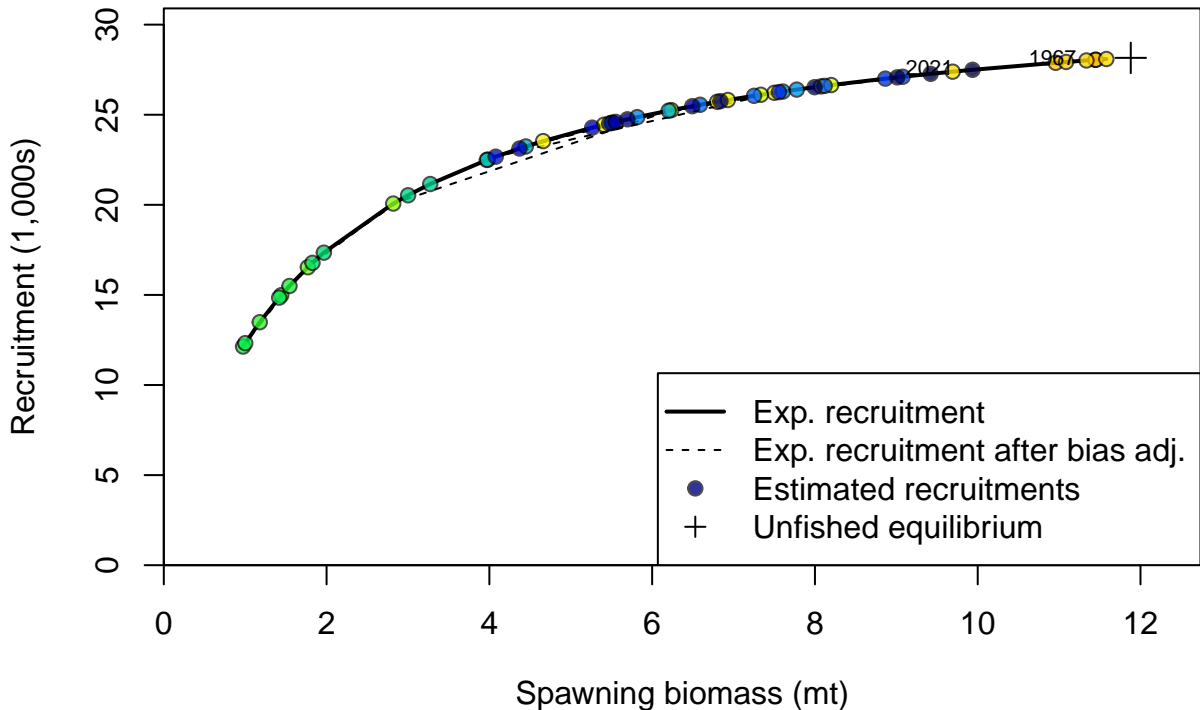


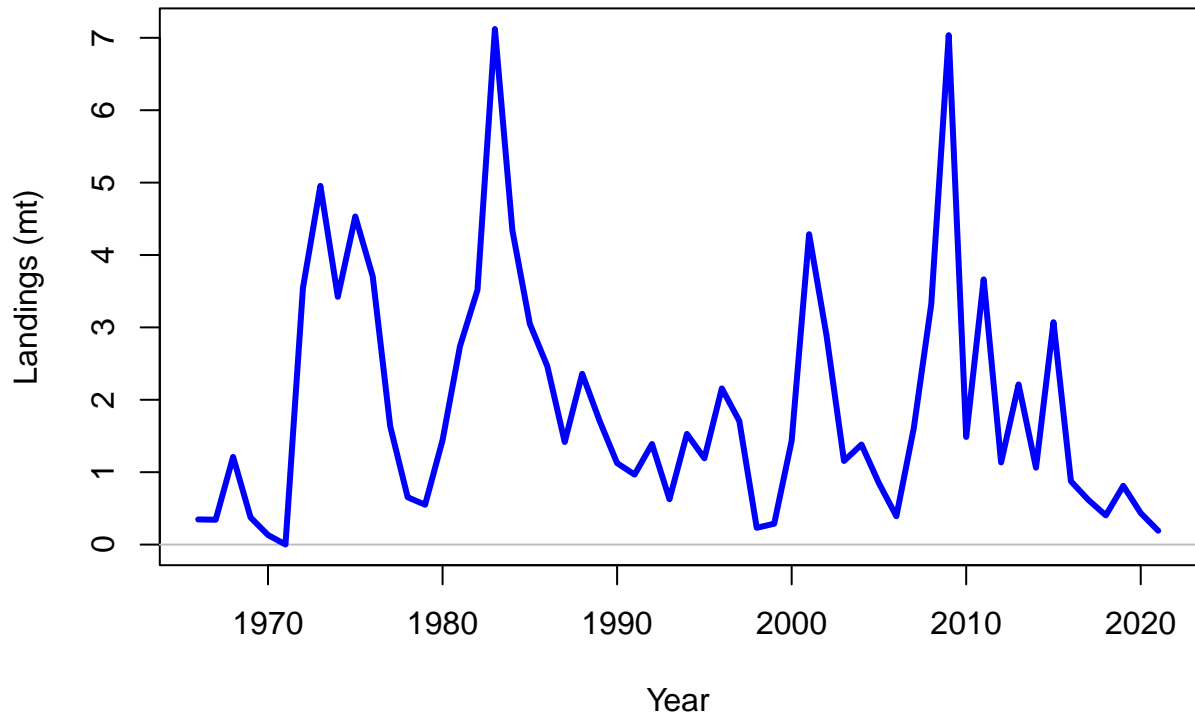
Summary Fishing Mortality

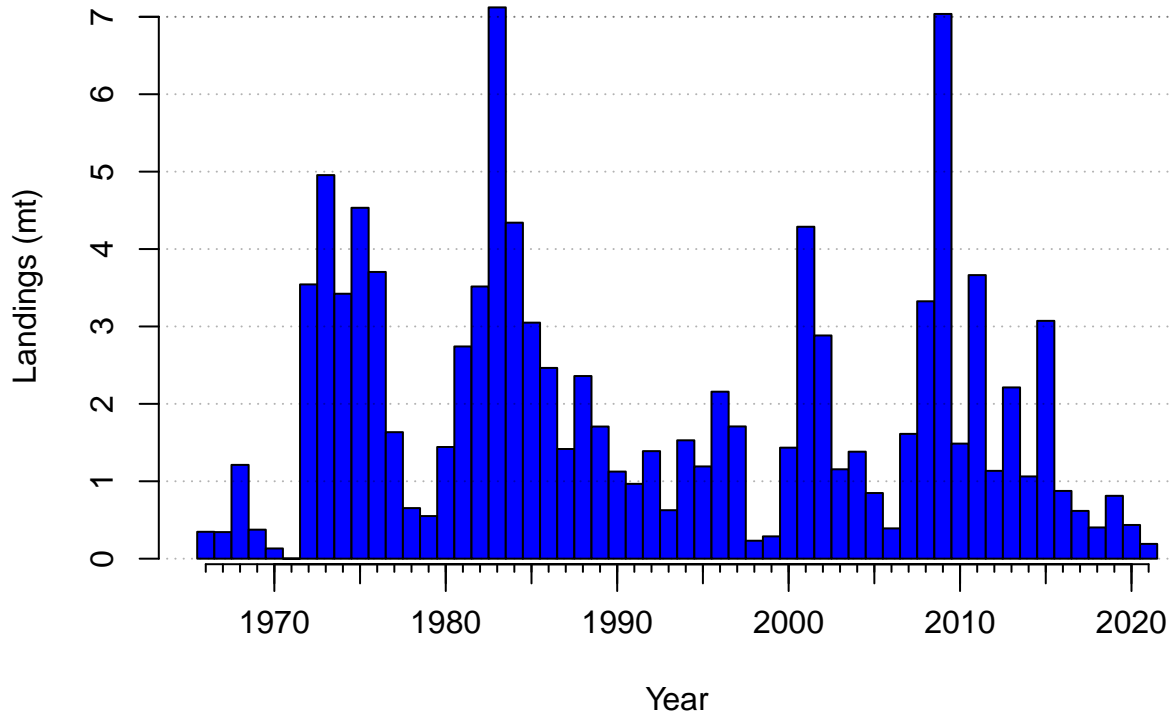


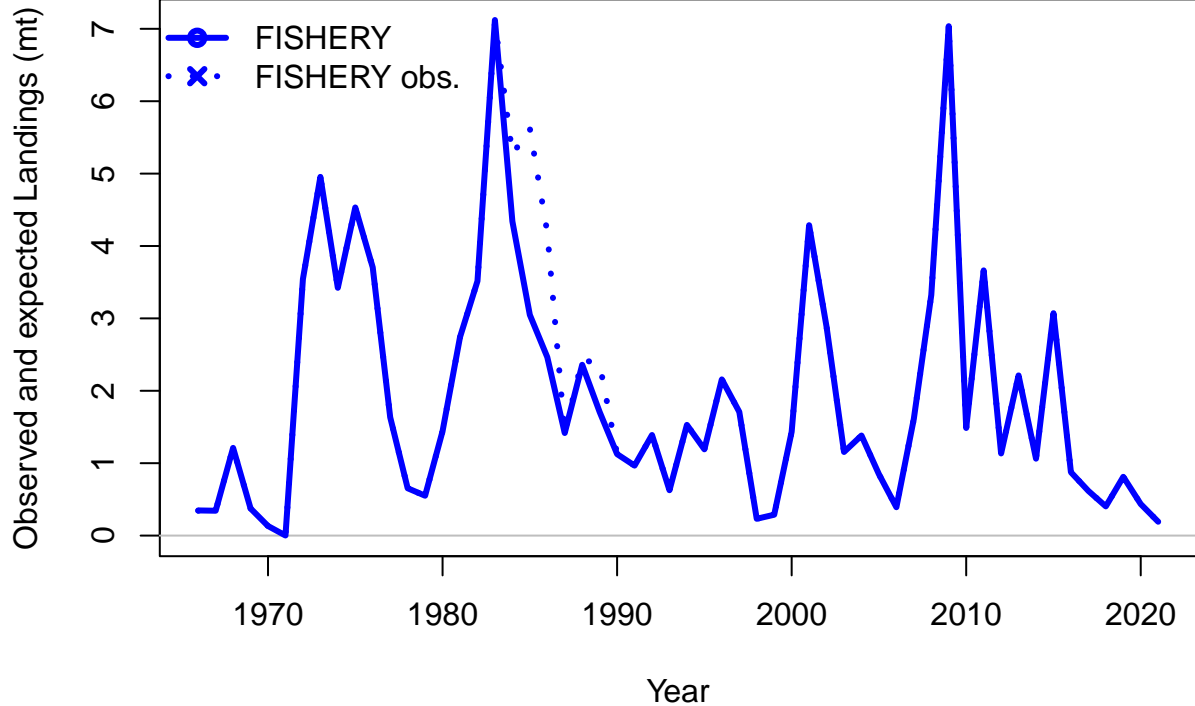


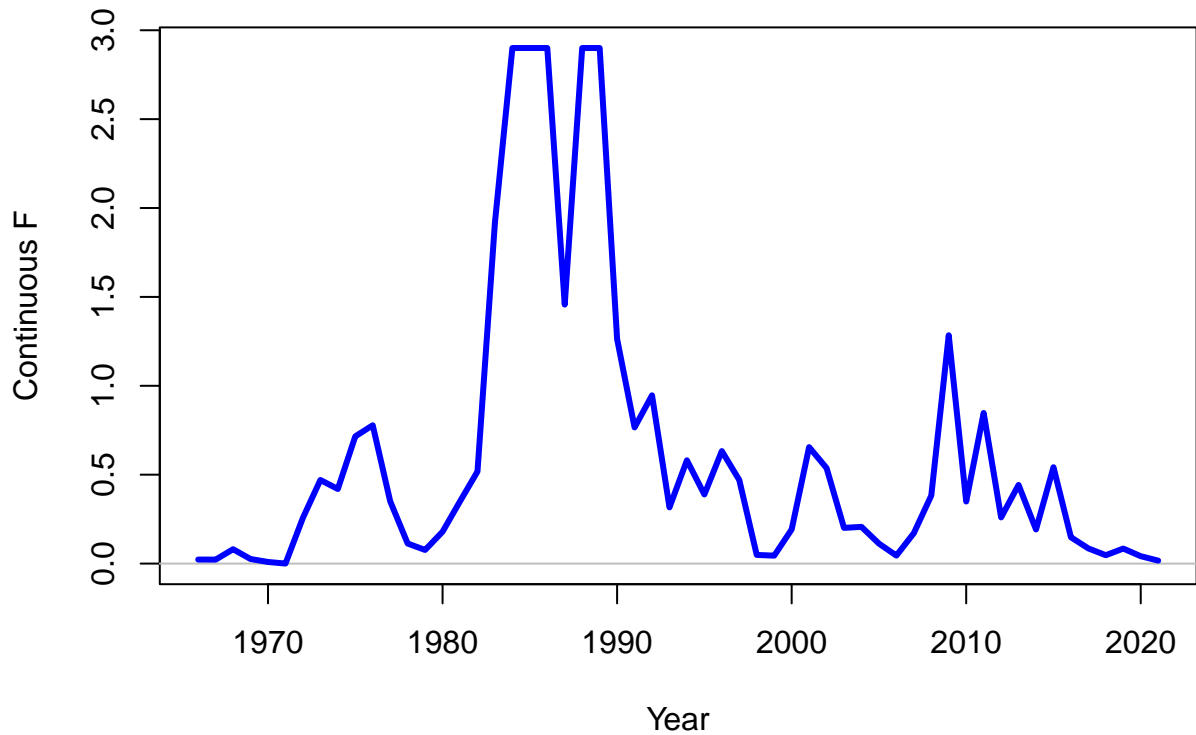






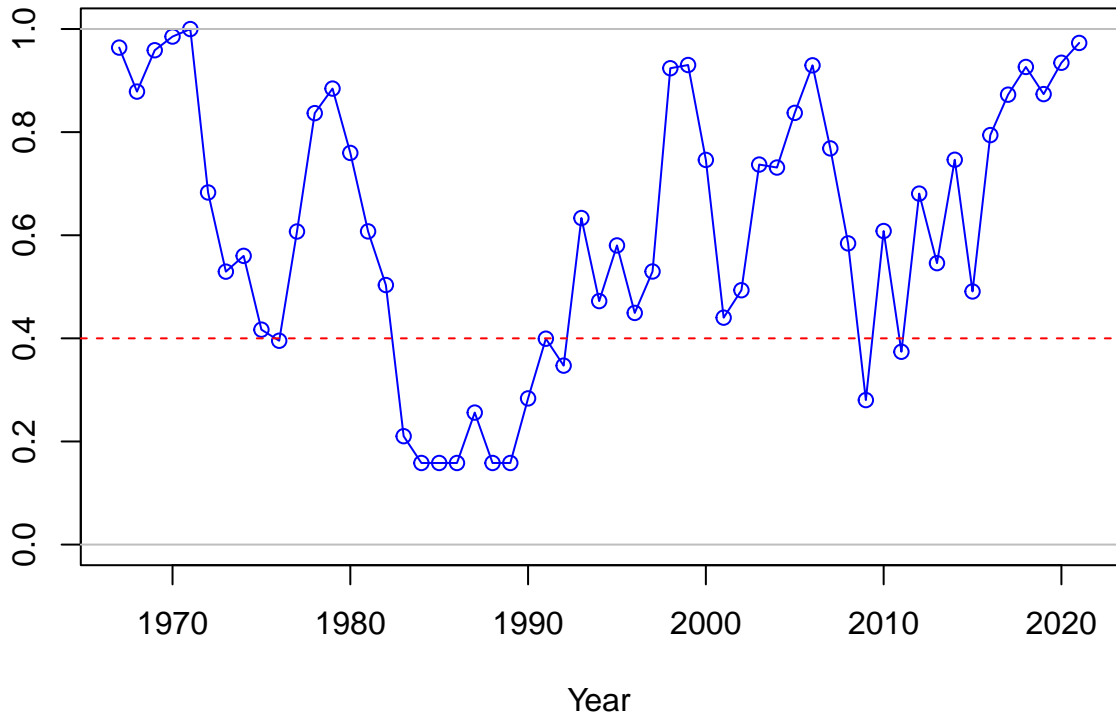


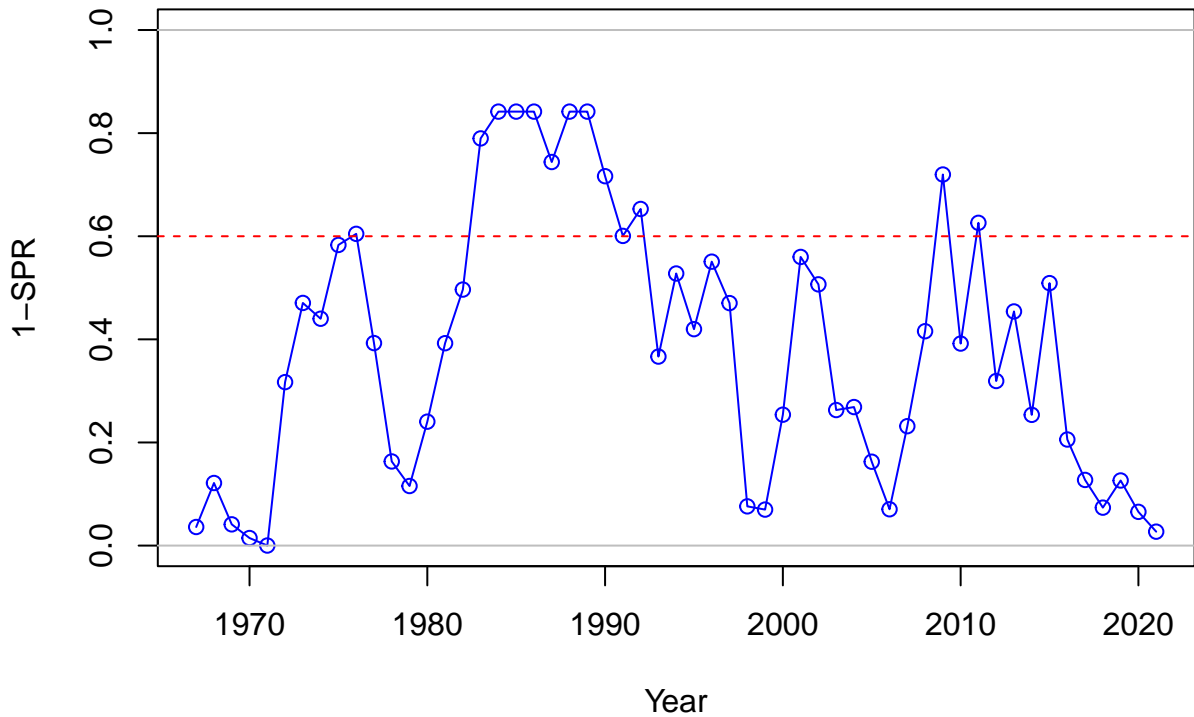




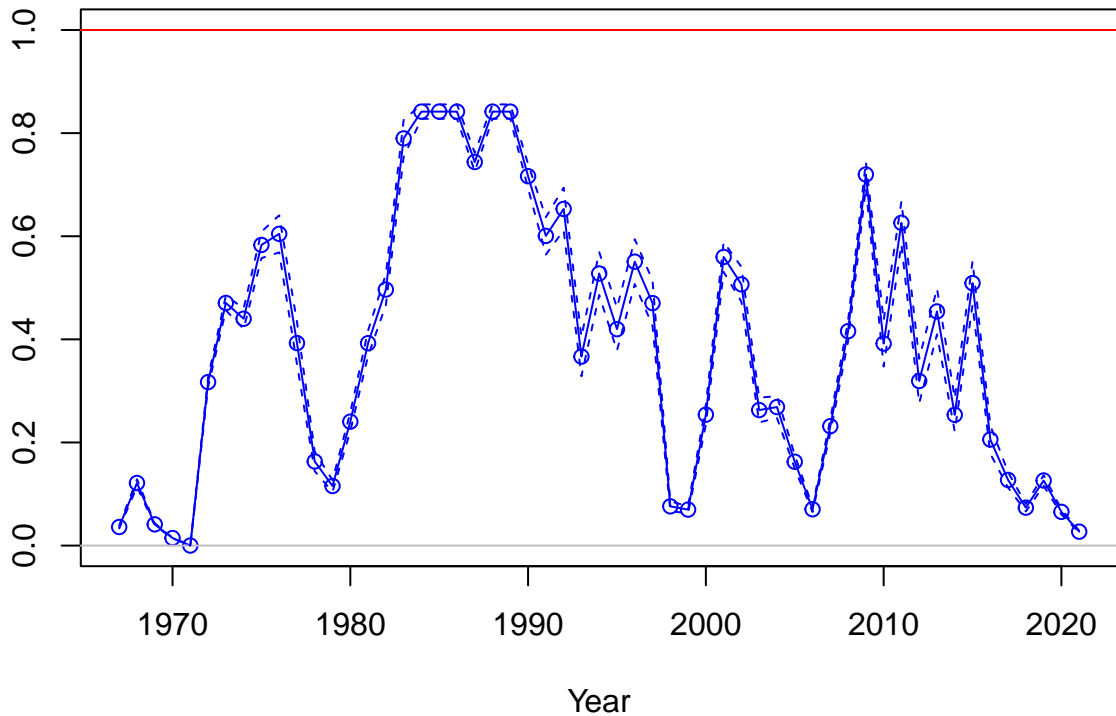


SPR

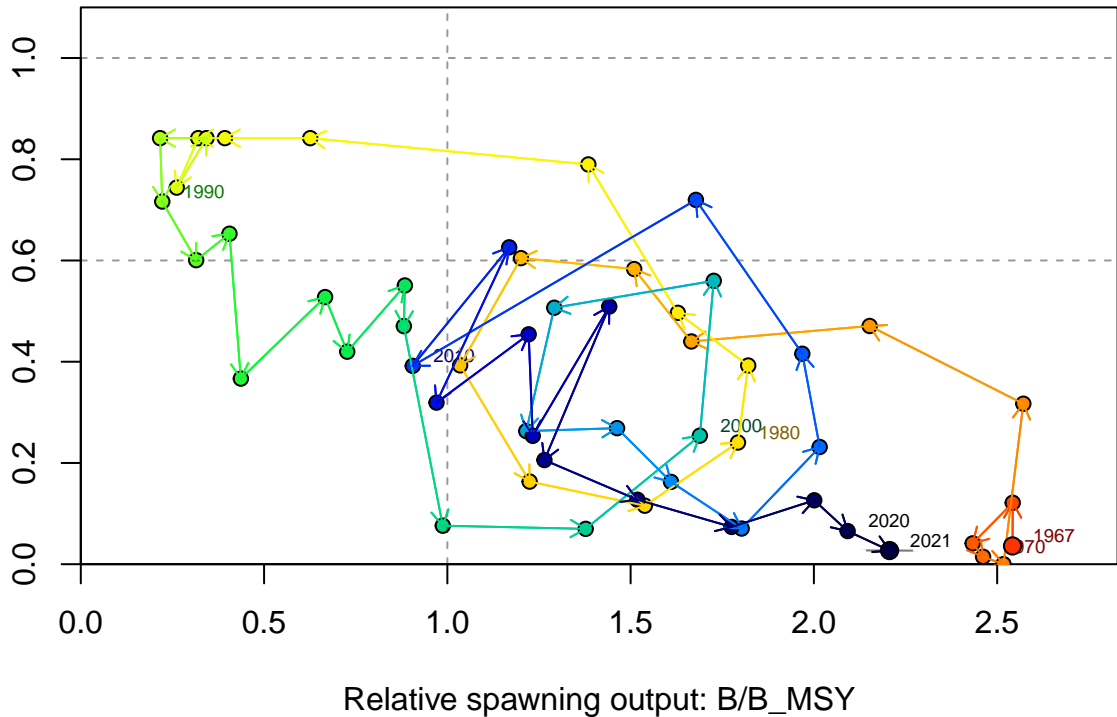




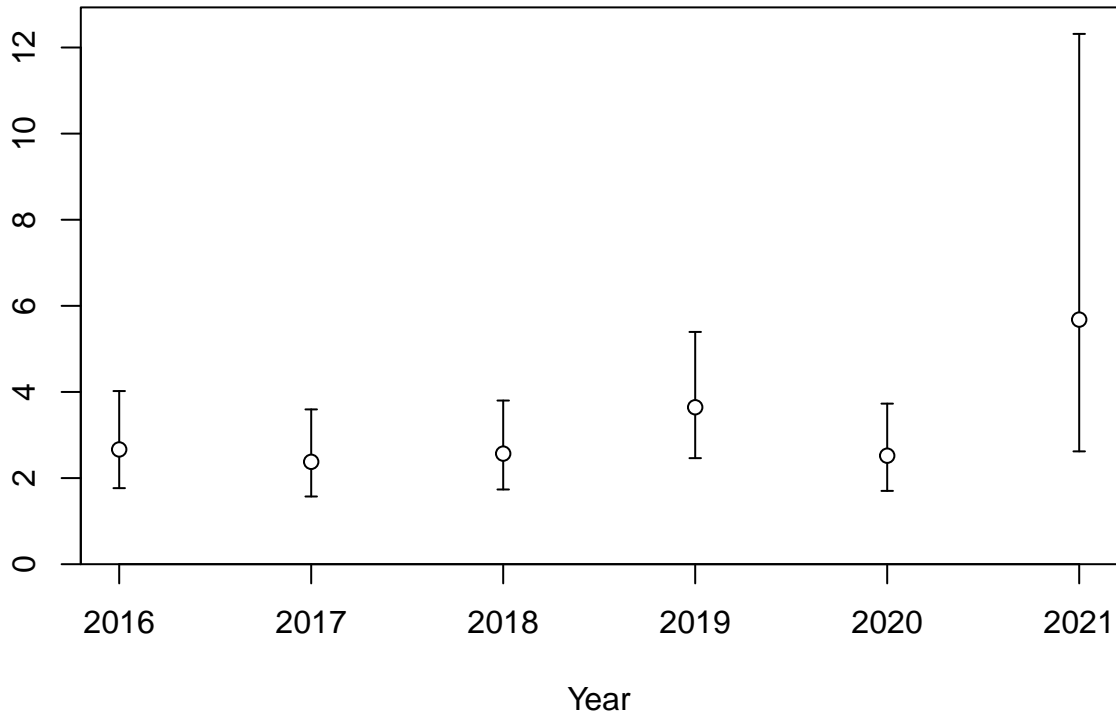
Fishing intensity: 1-SPR



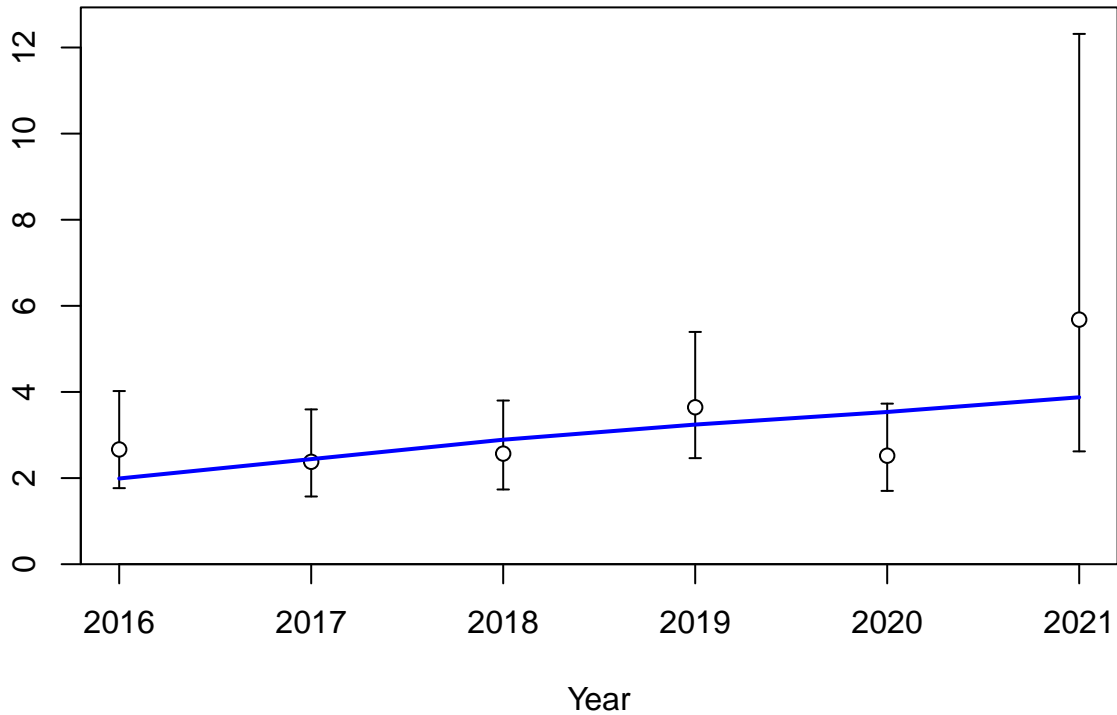
Fishing intensity: 1-SPR

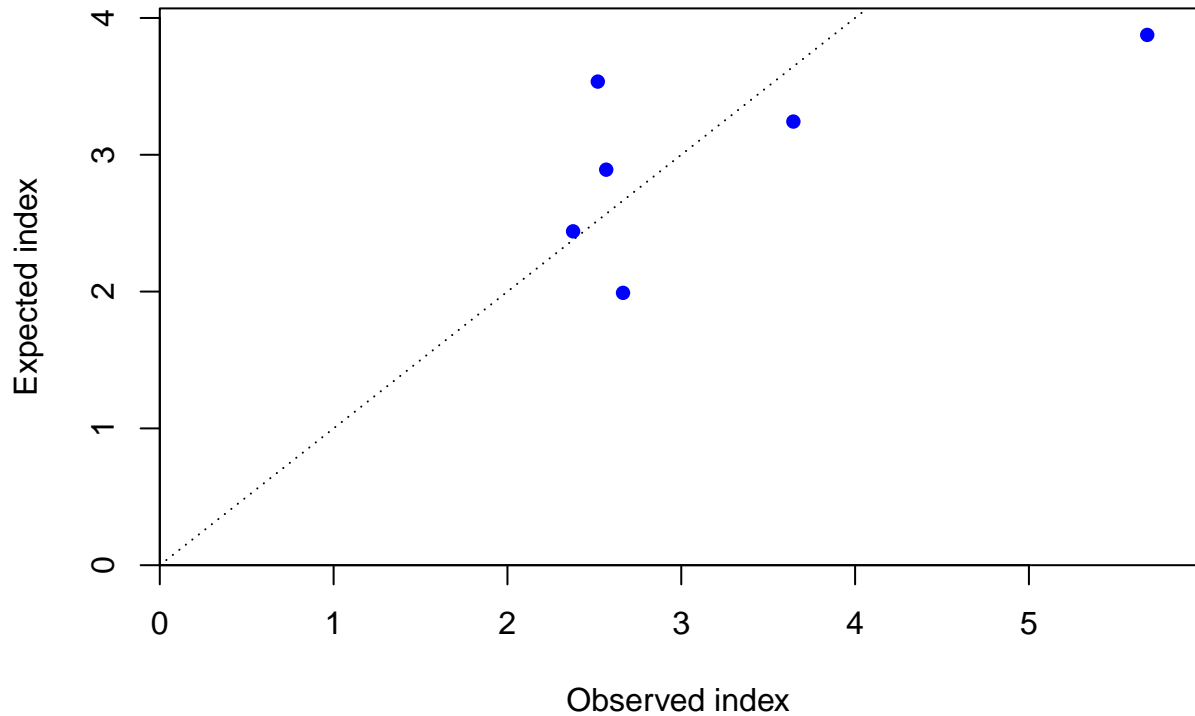


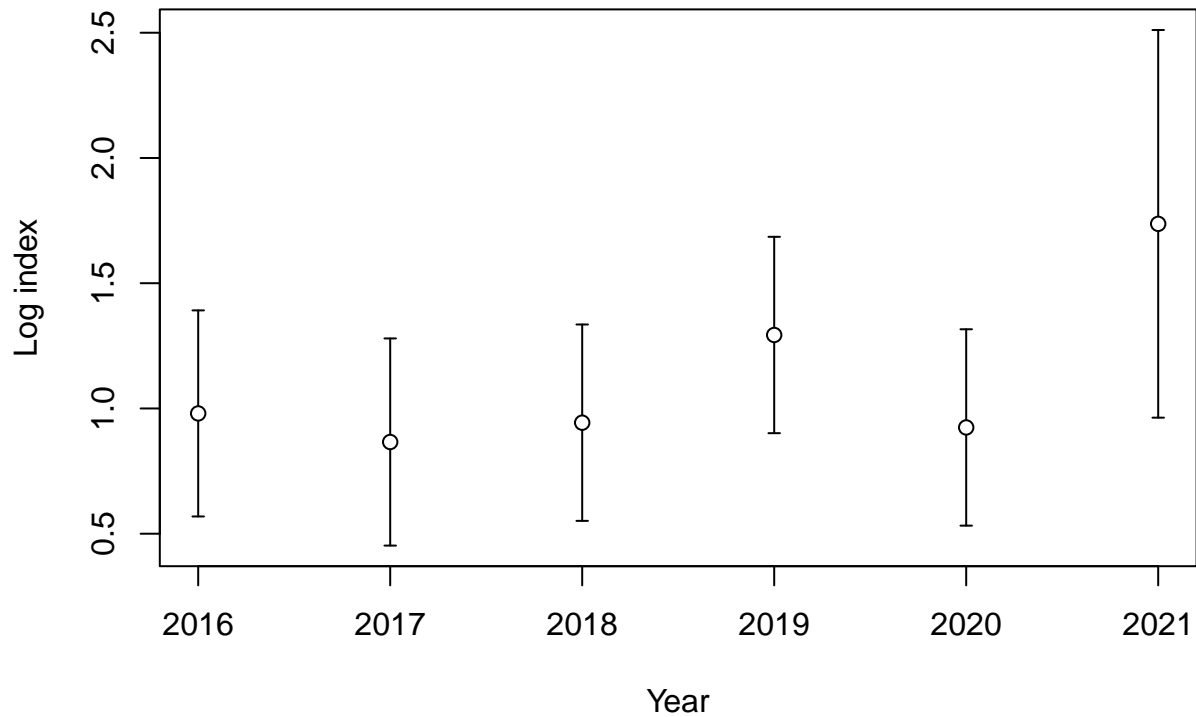
Index



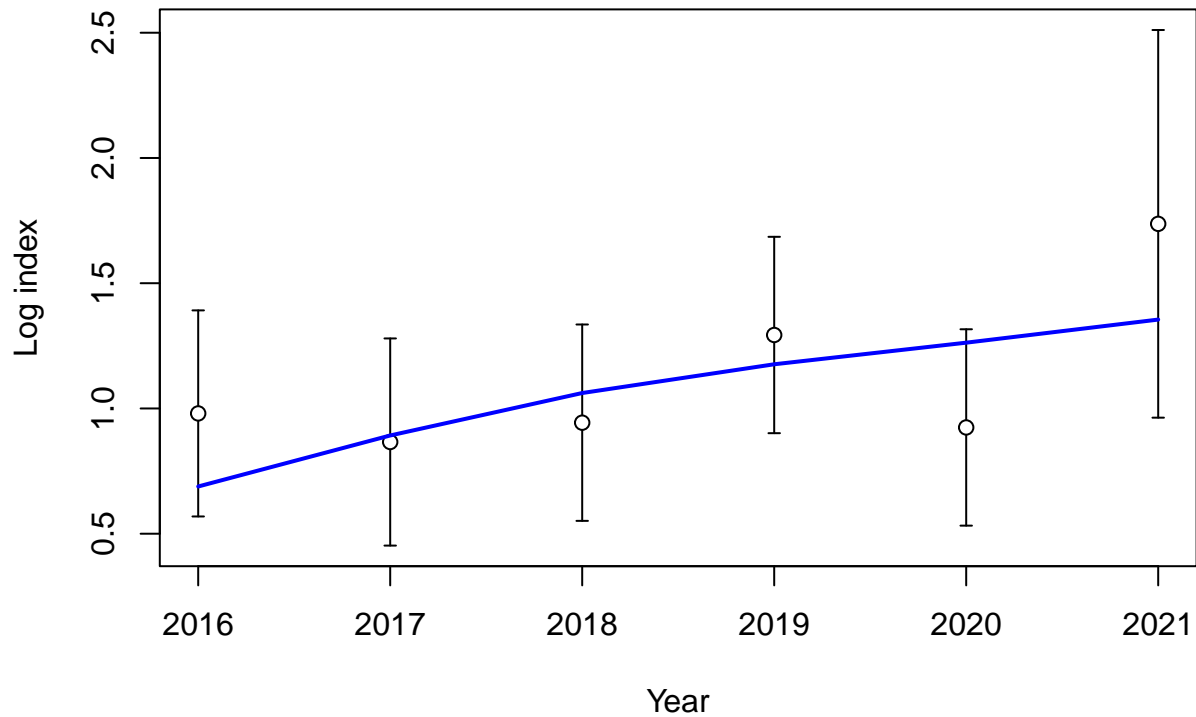
Index

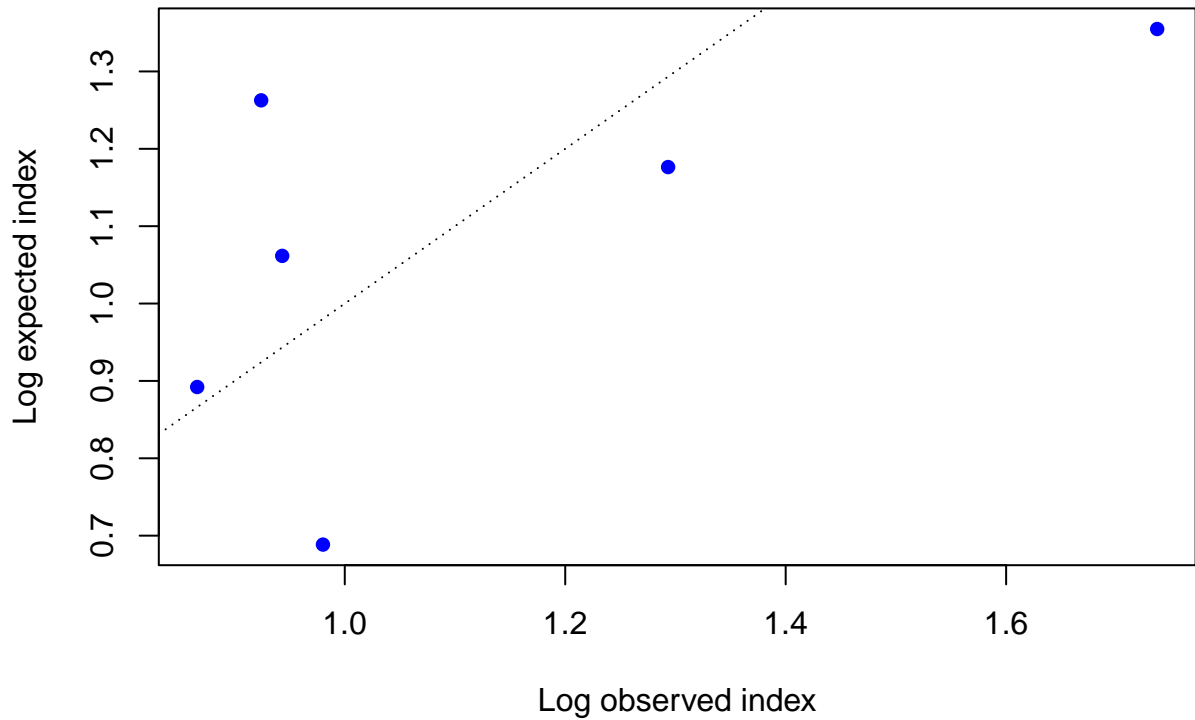


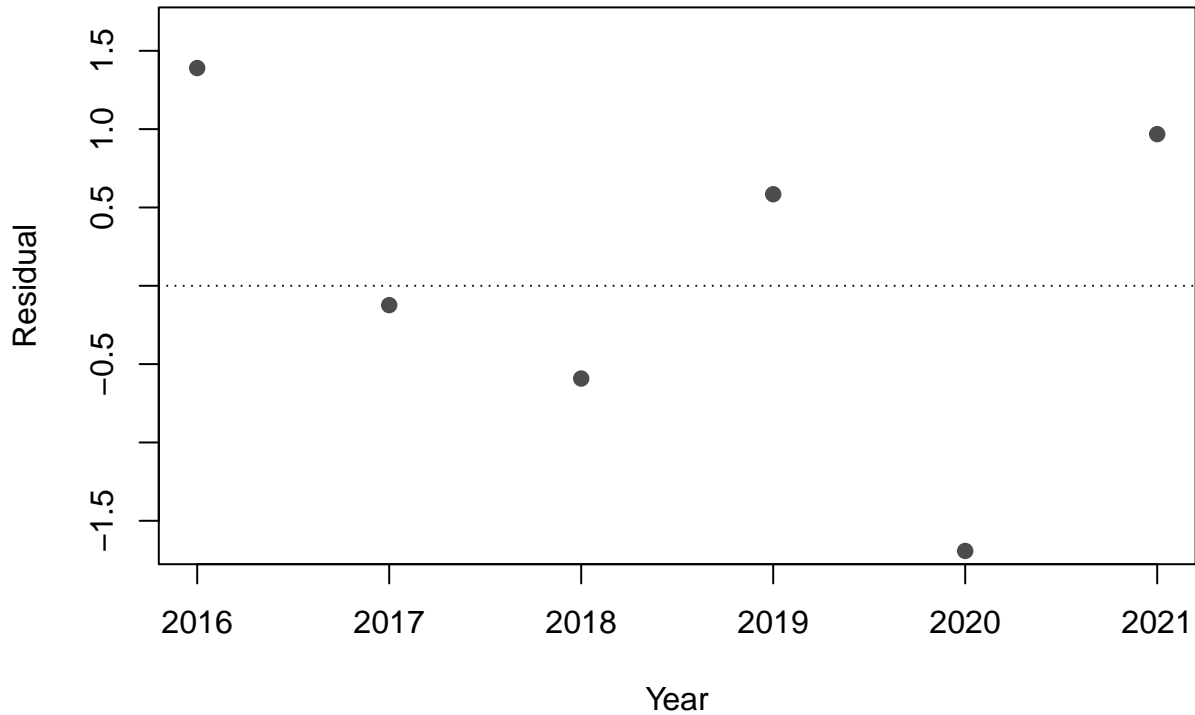


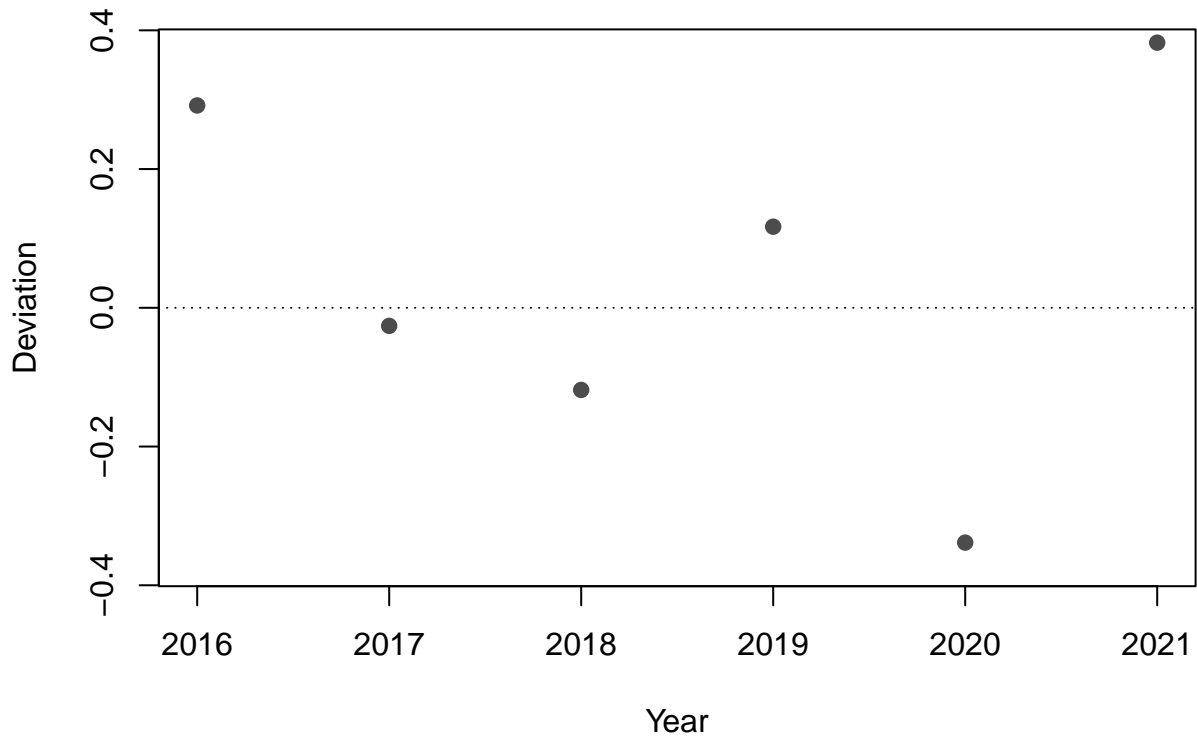


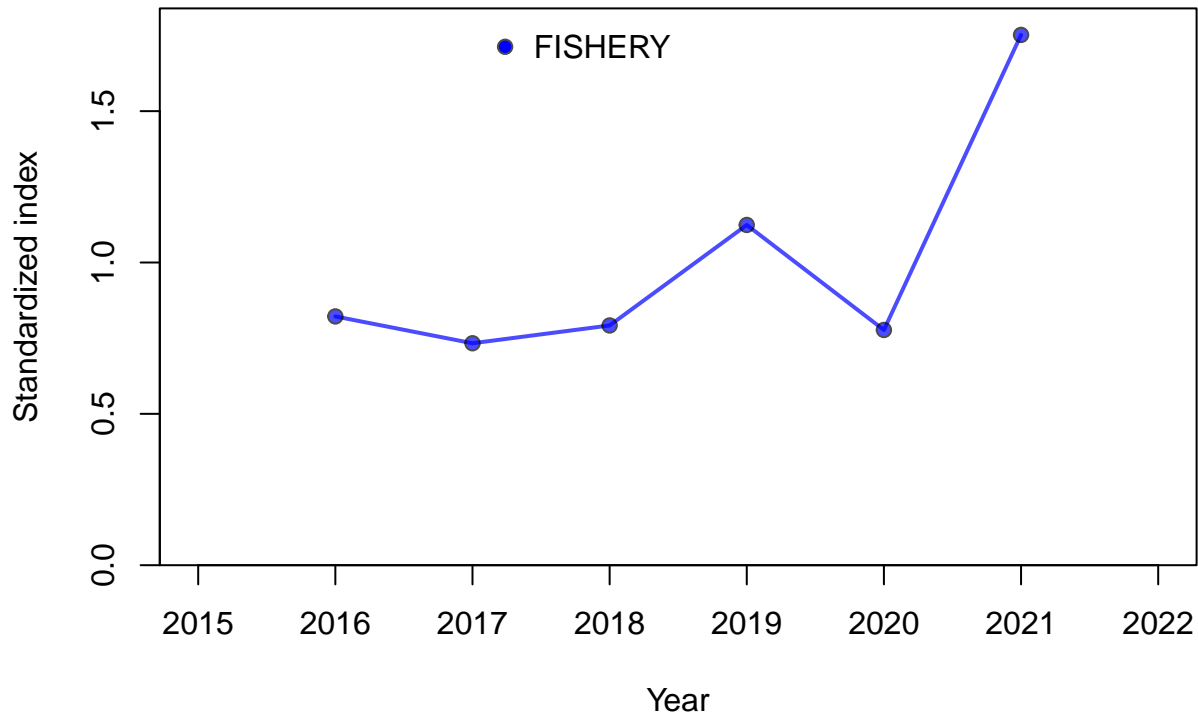




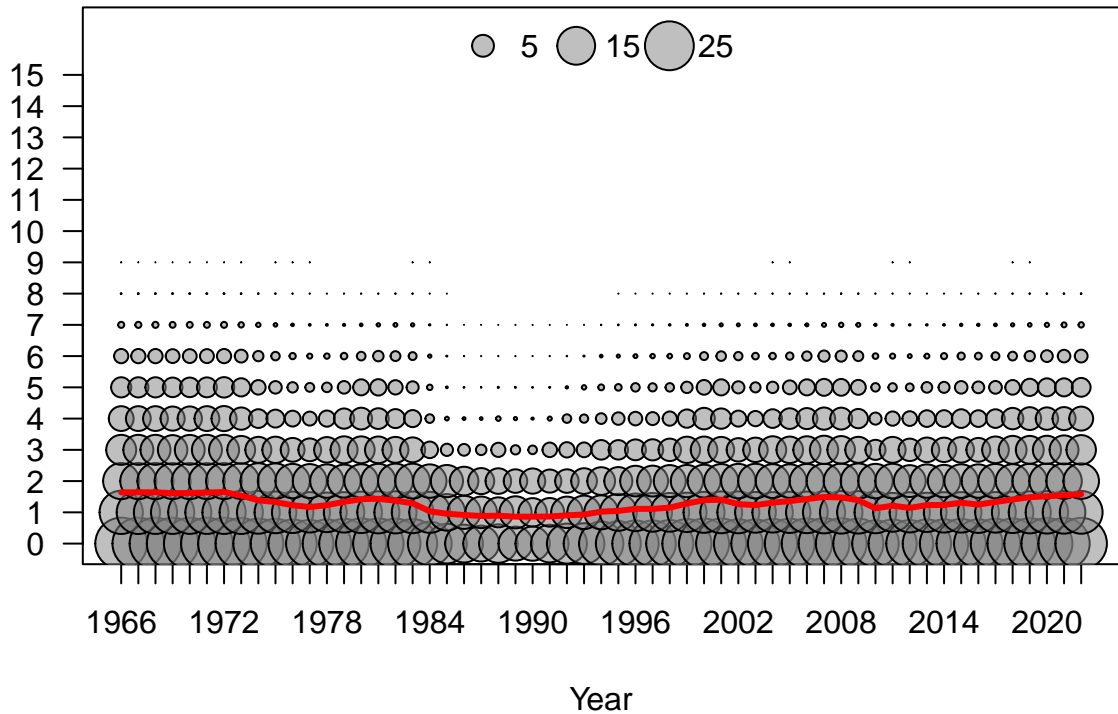


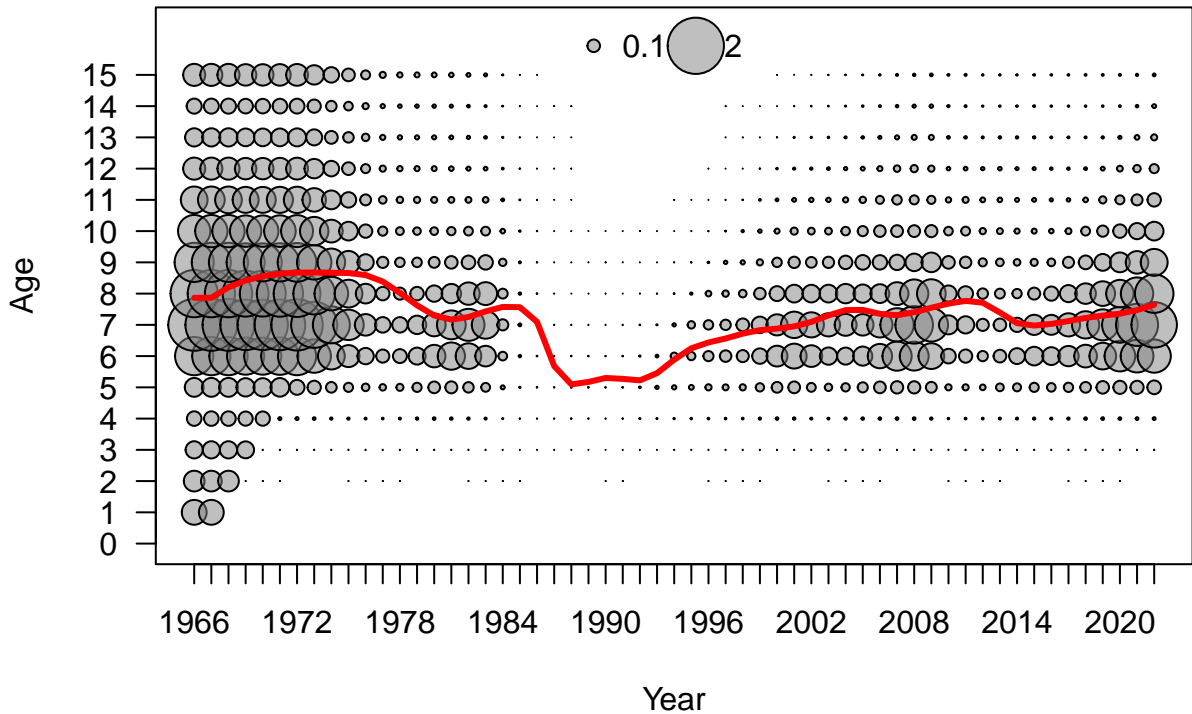


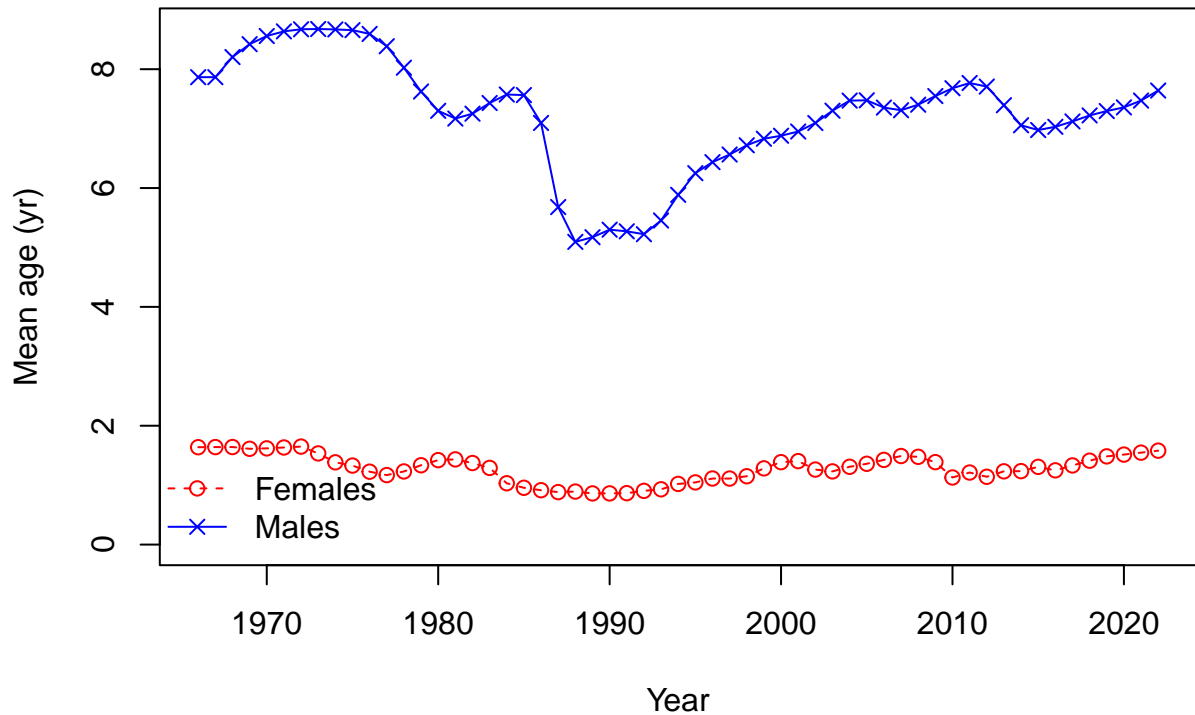




Age

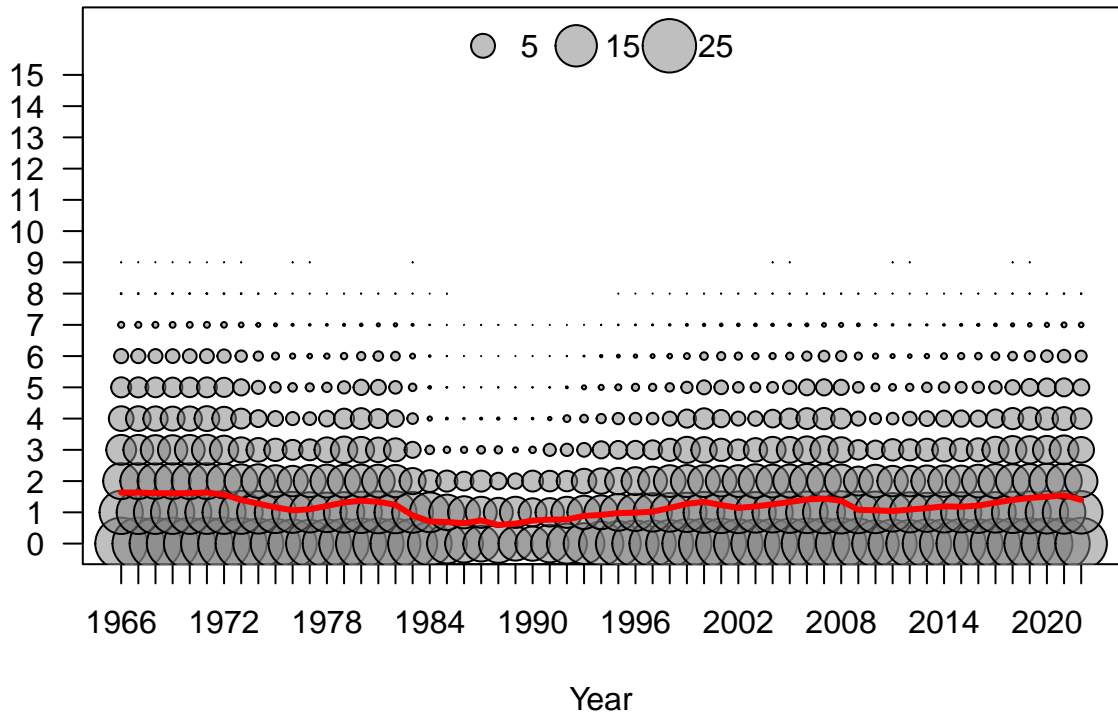


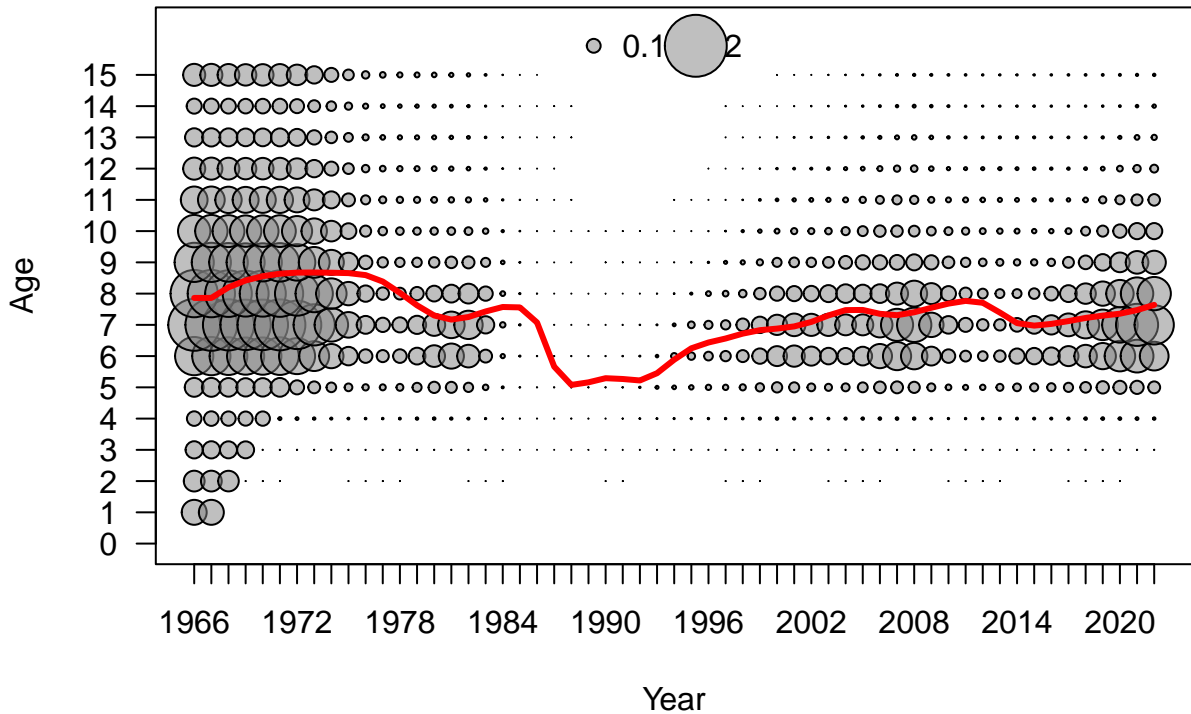


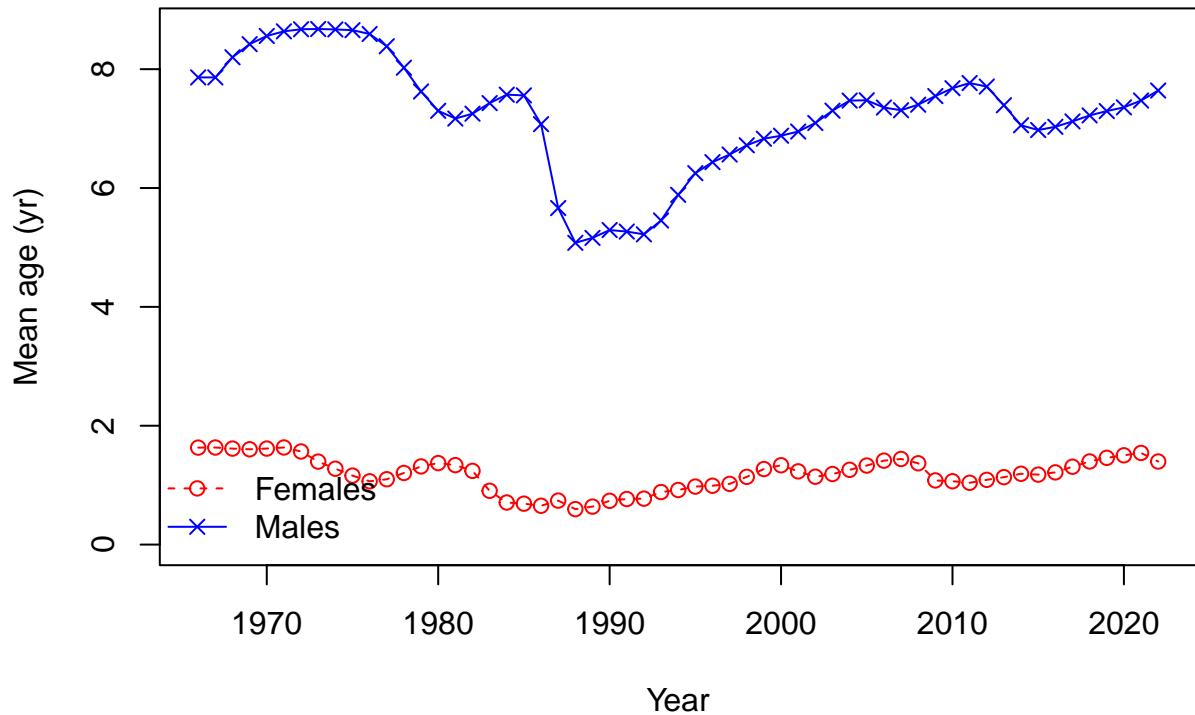




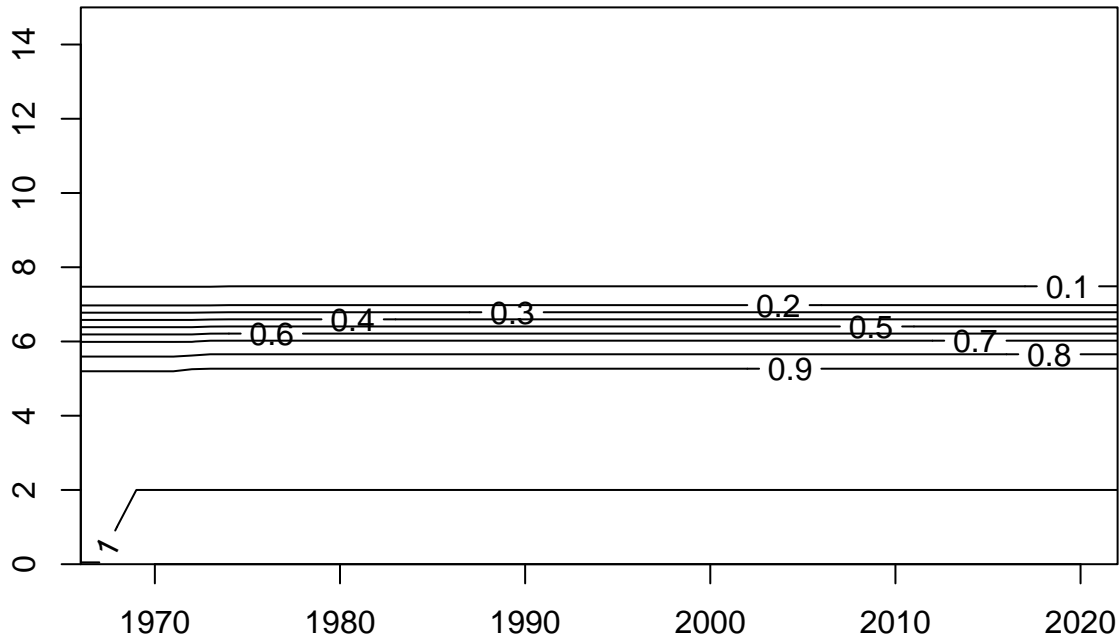
Age



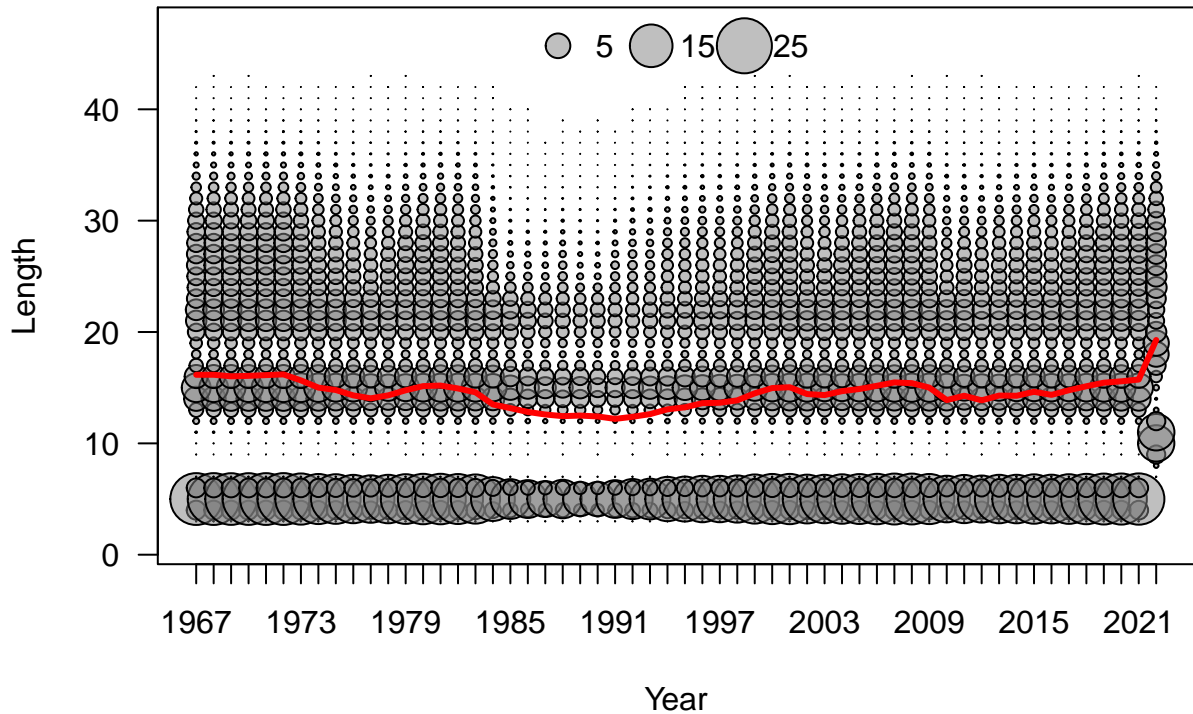


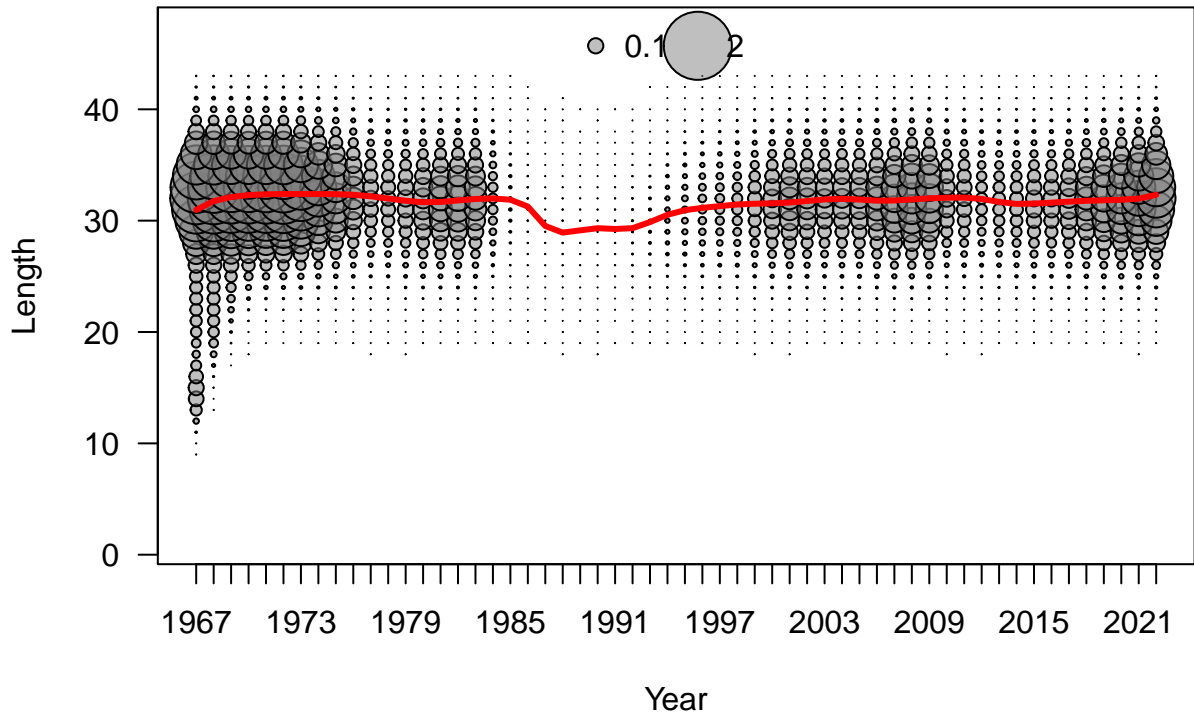


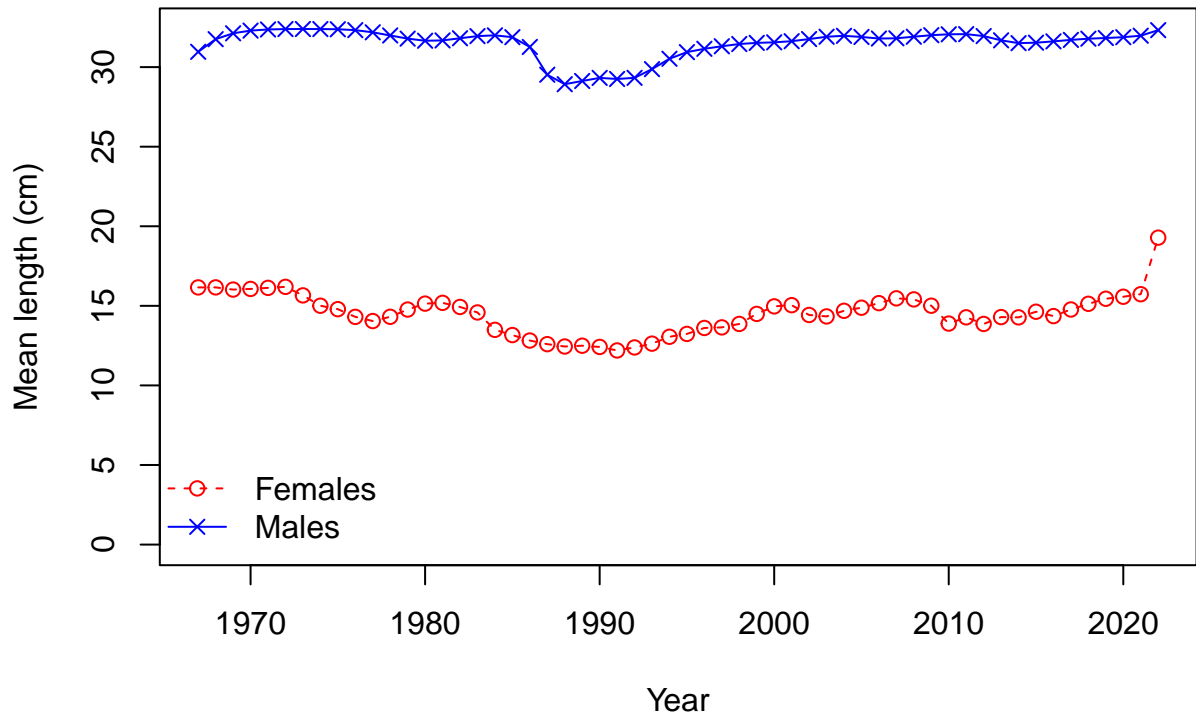
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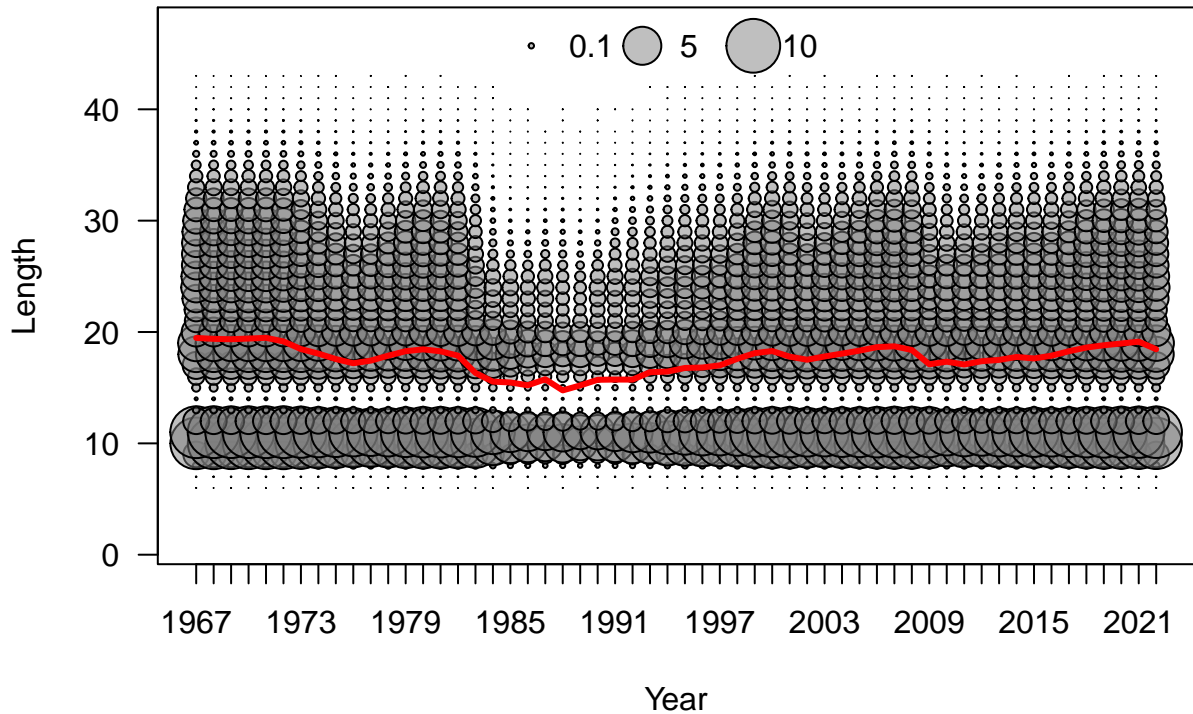


Year

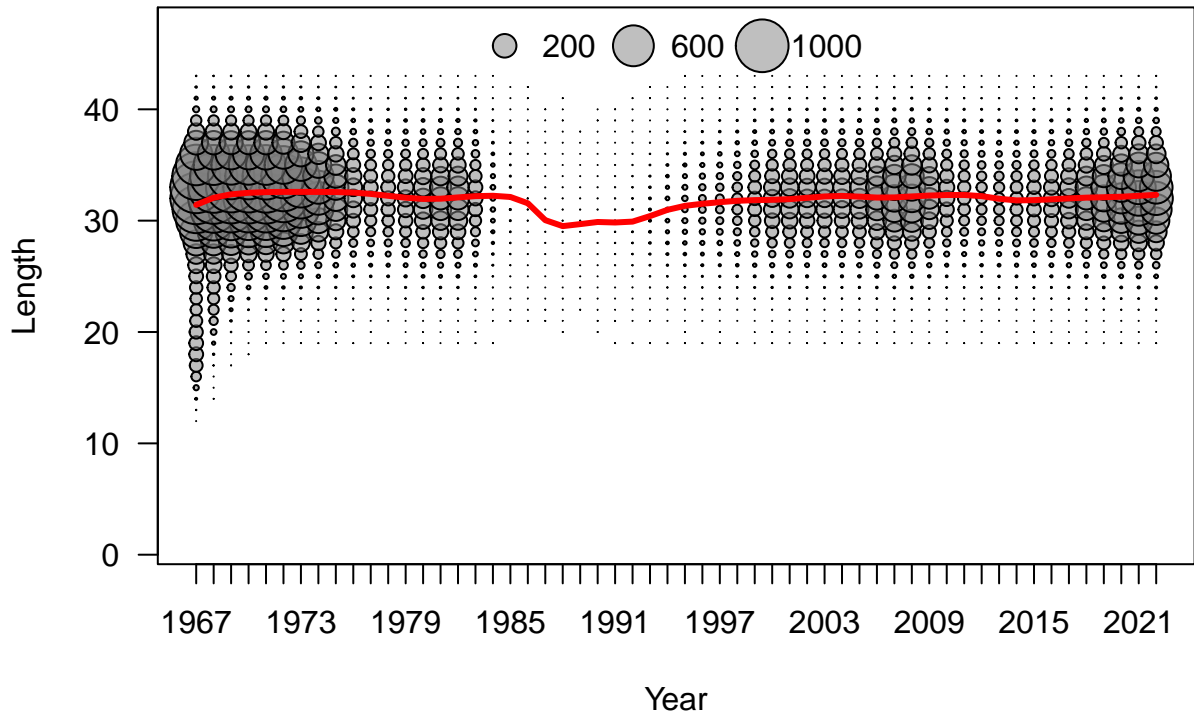


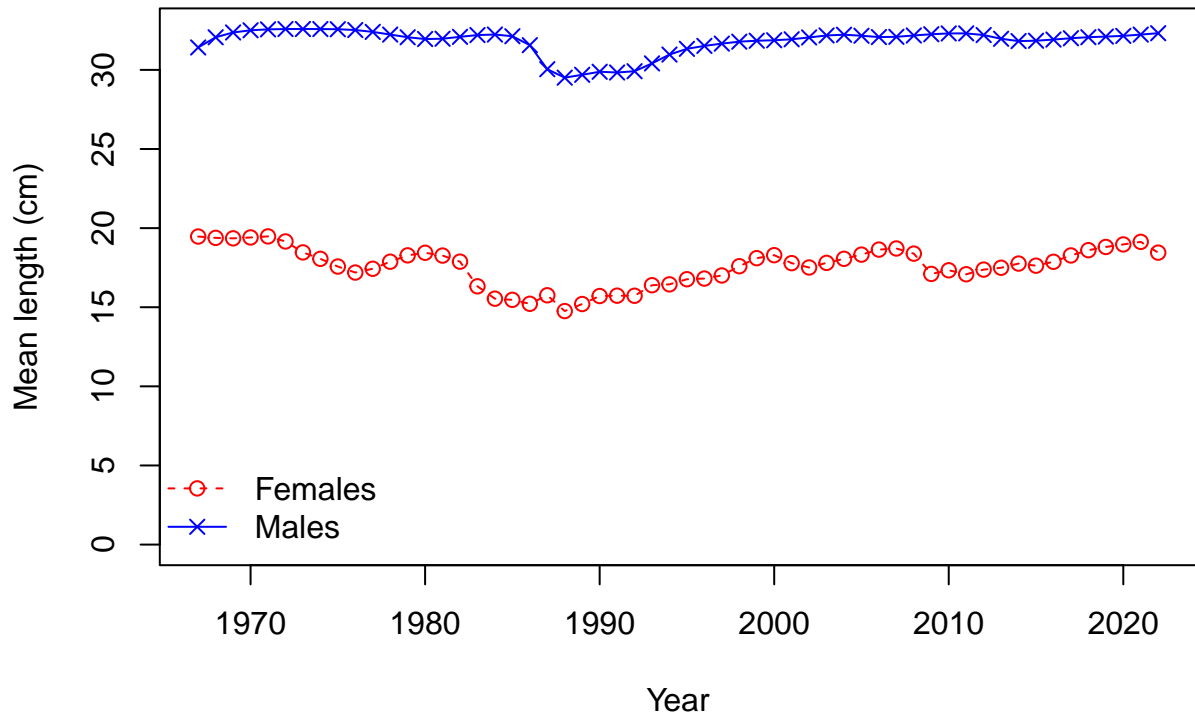




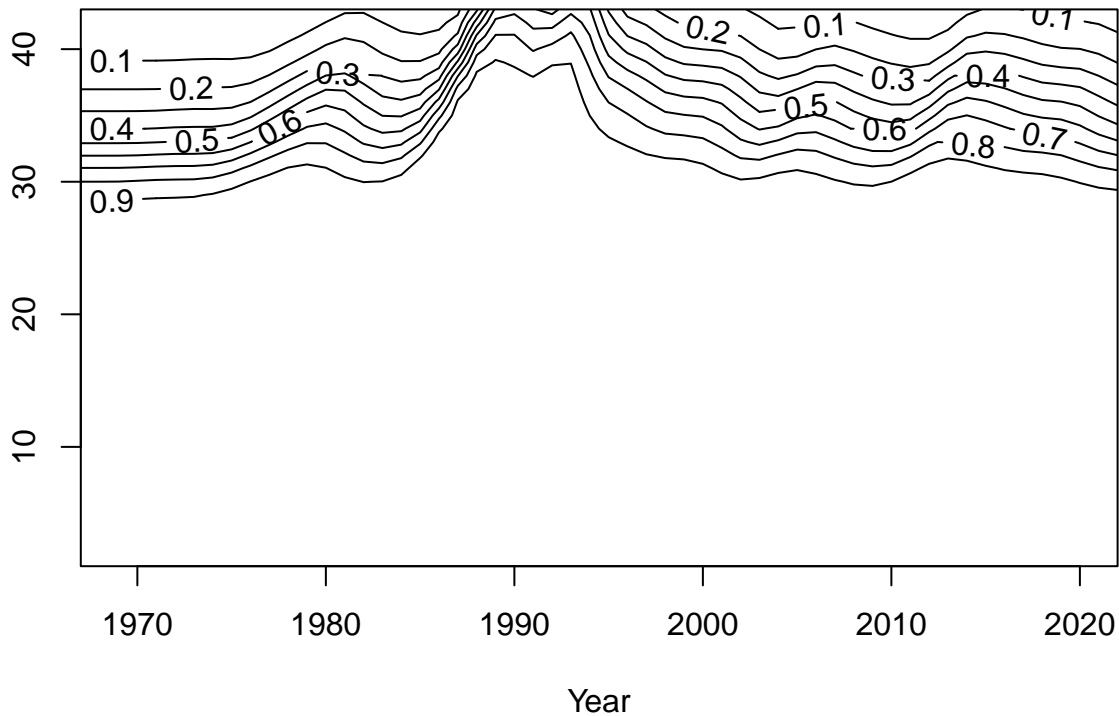


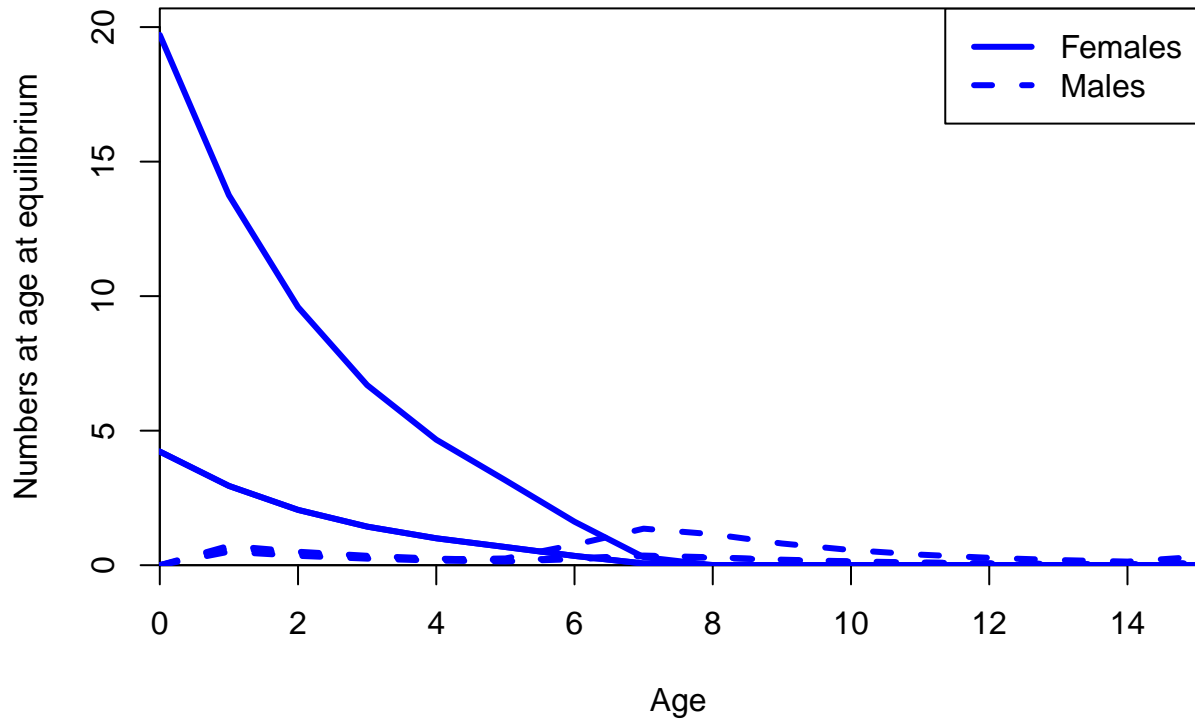






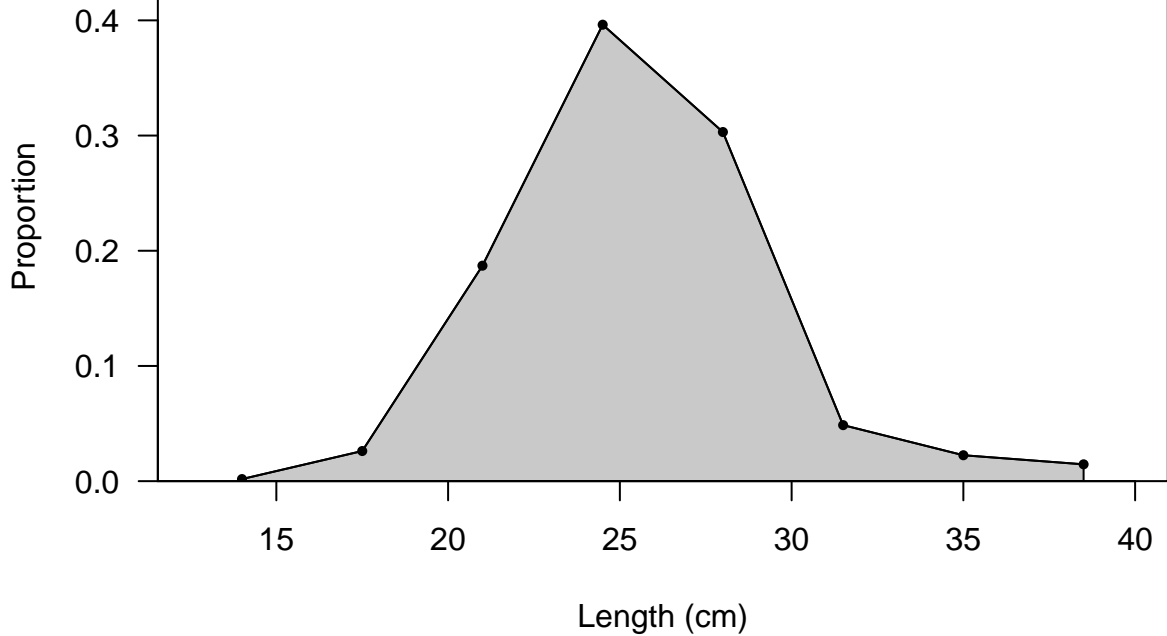
Length





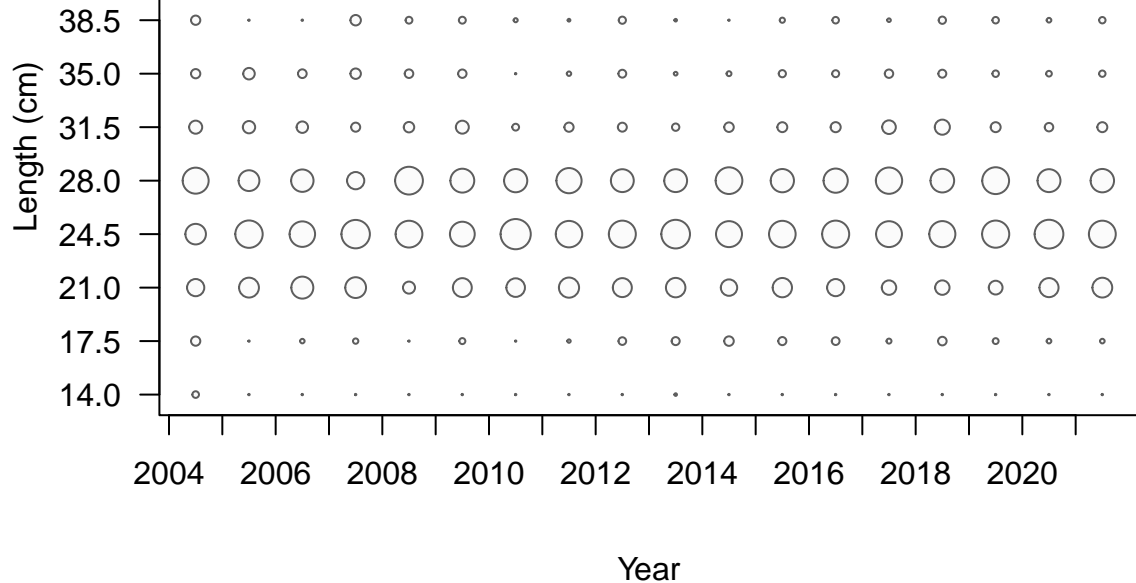
**FISHERY**

Sum of N input=5994

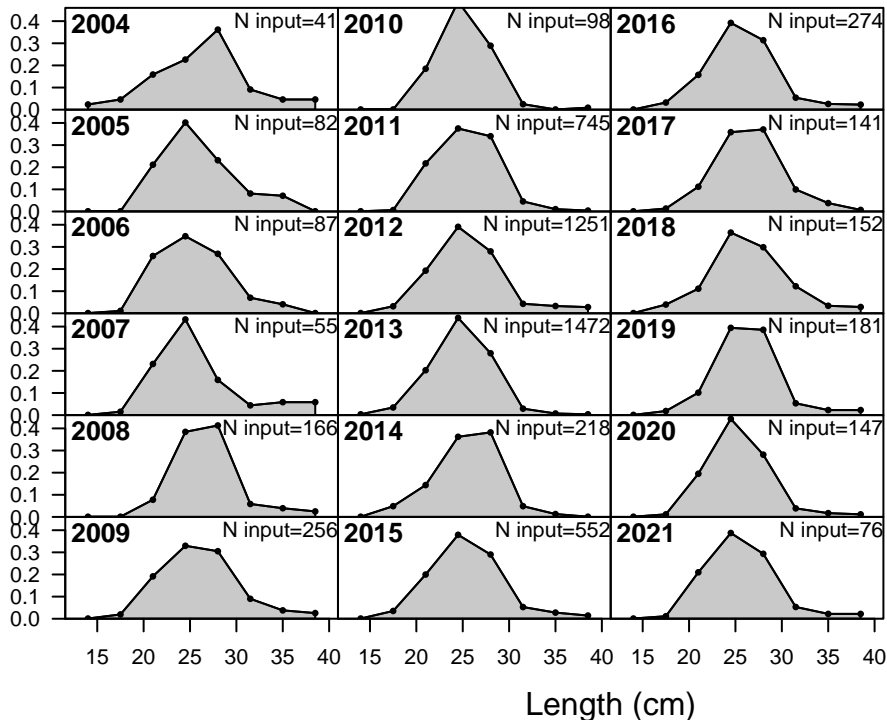


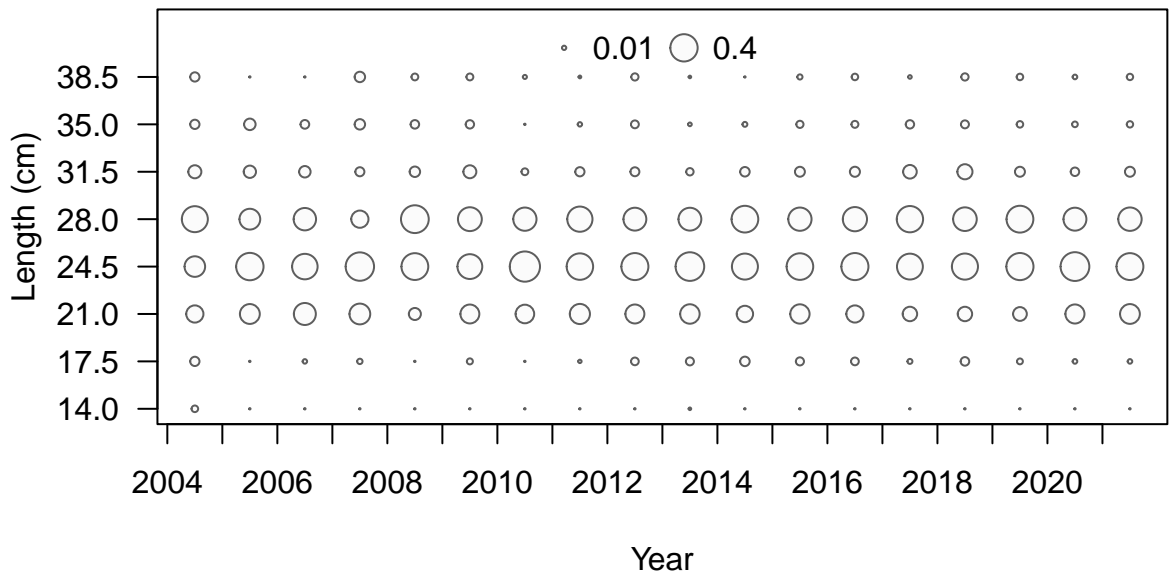
# FISHERY

◦ 0.01 ○ 0.4



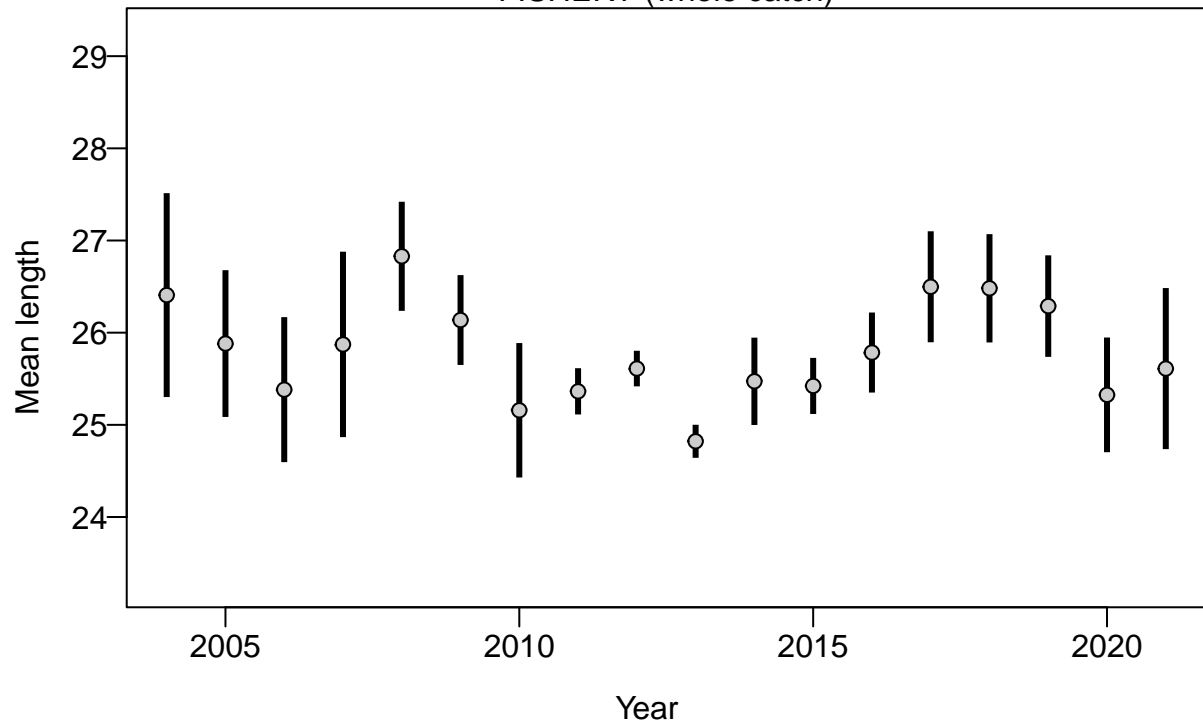
Proportion





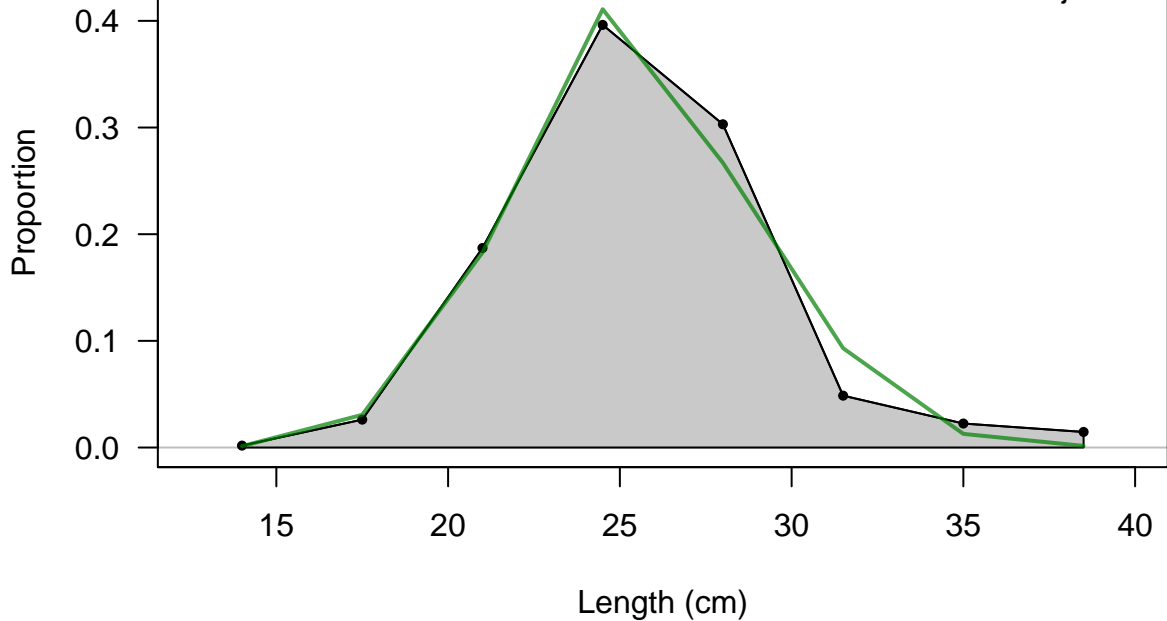


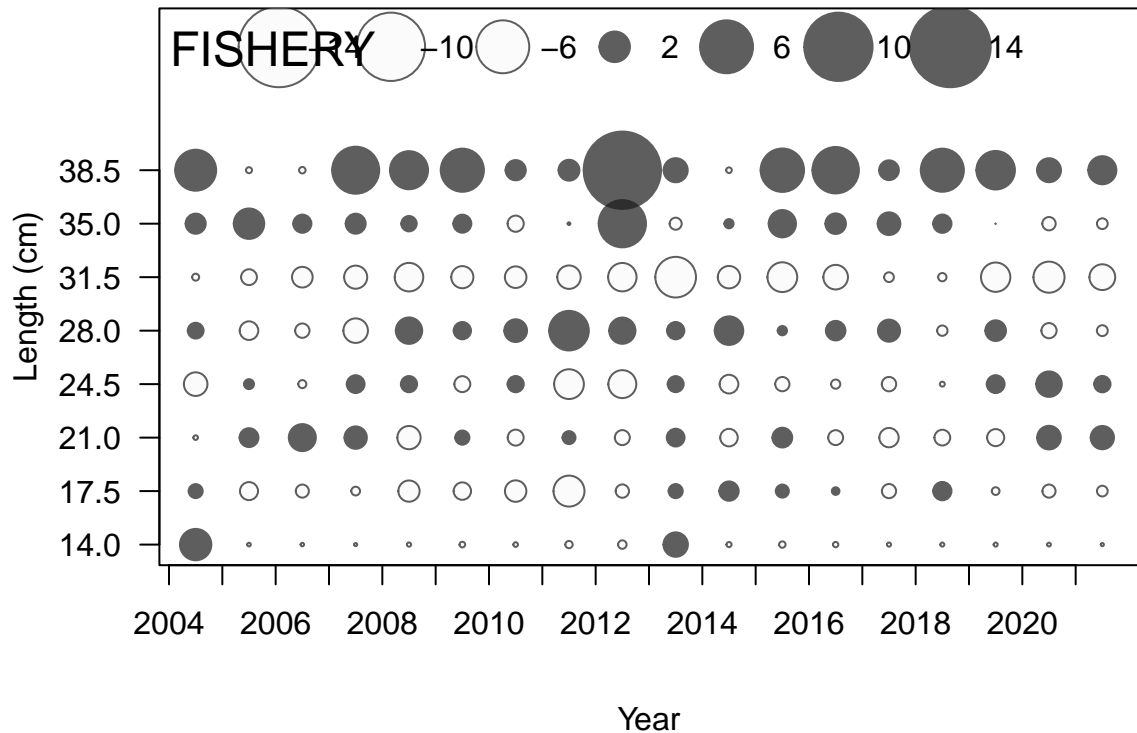
## FISHERY (whole catch)

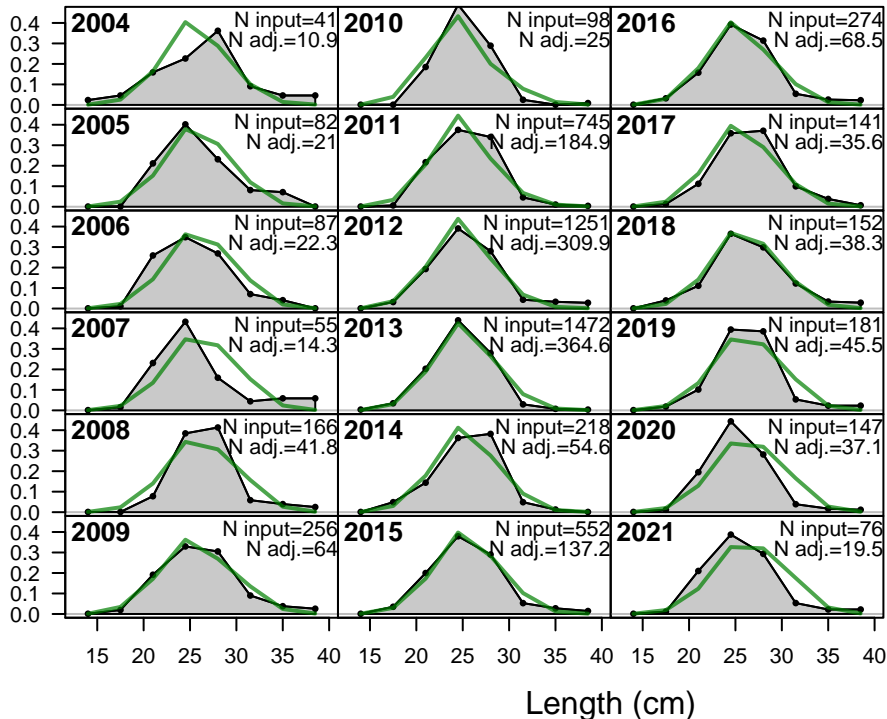


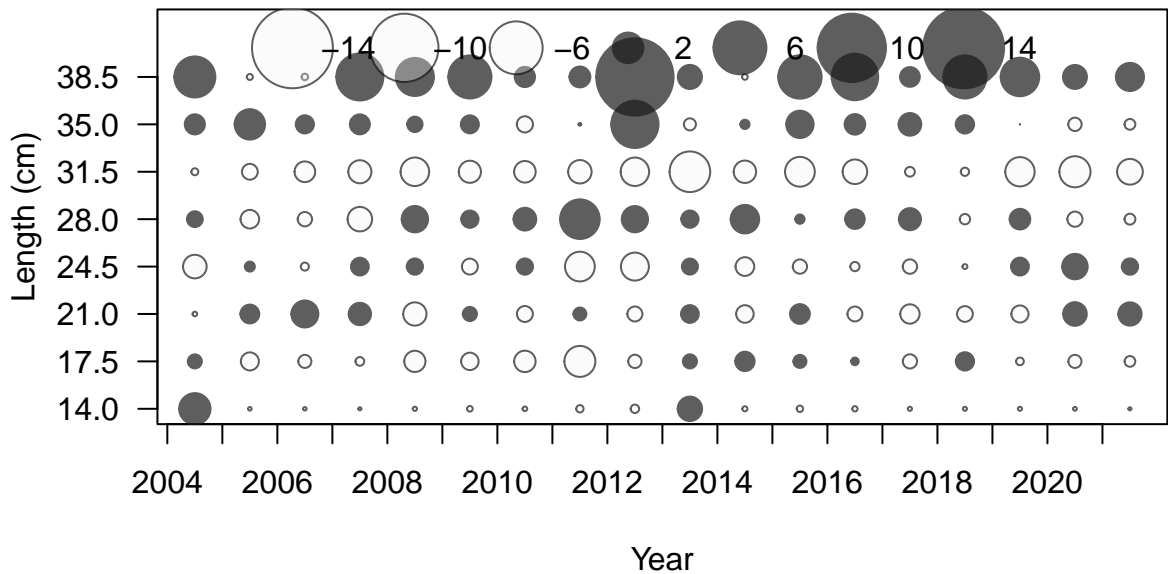
# FISHERY

Sum of N input=5994  
Sum of N adj.=1495

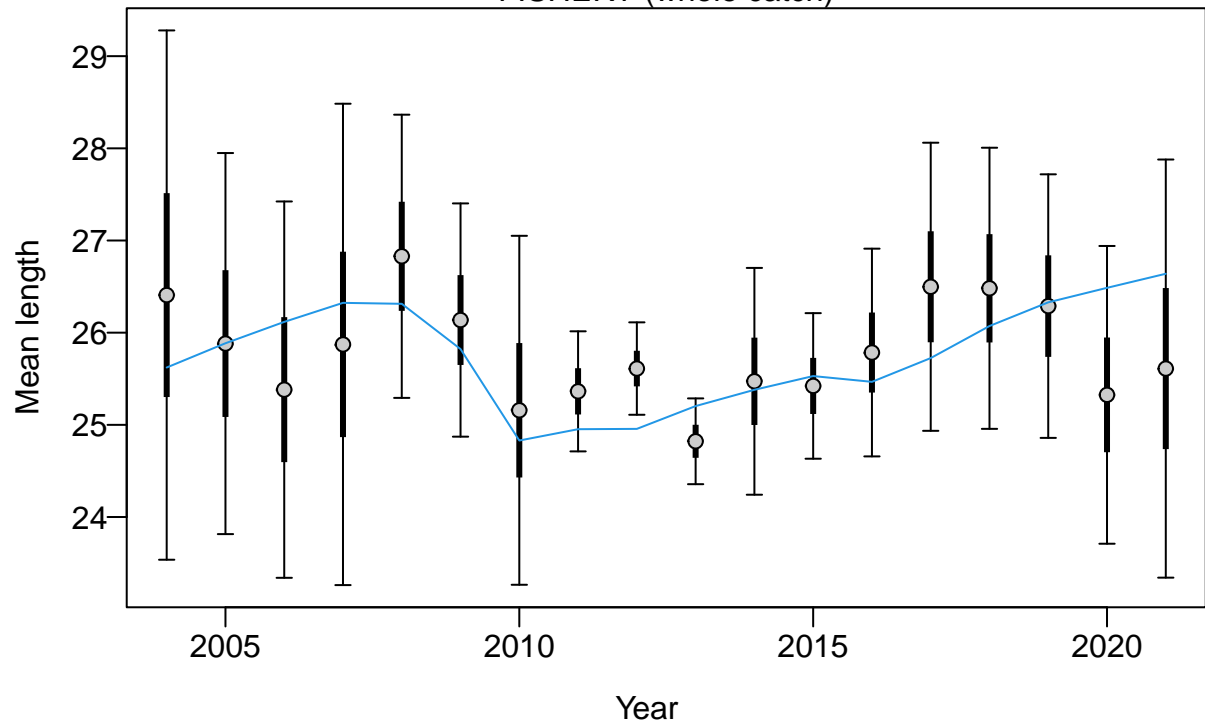


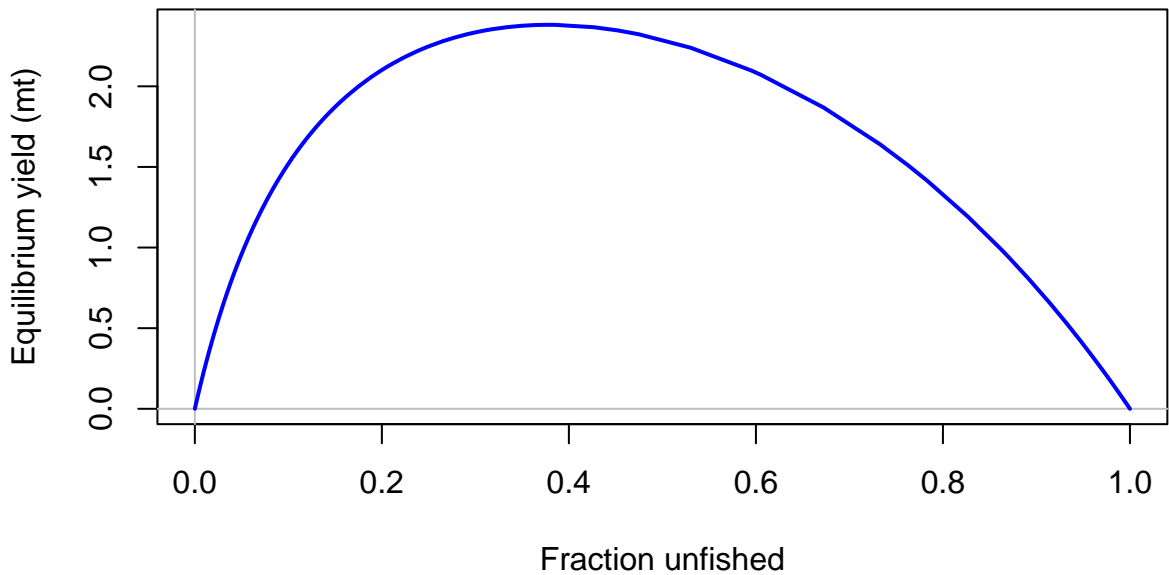


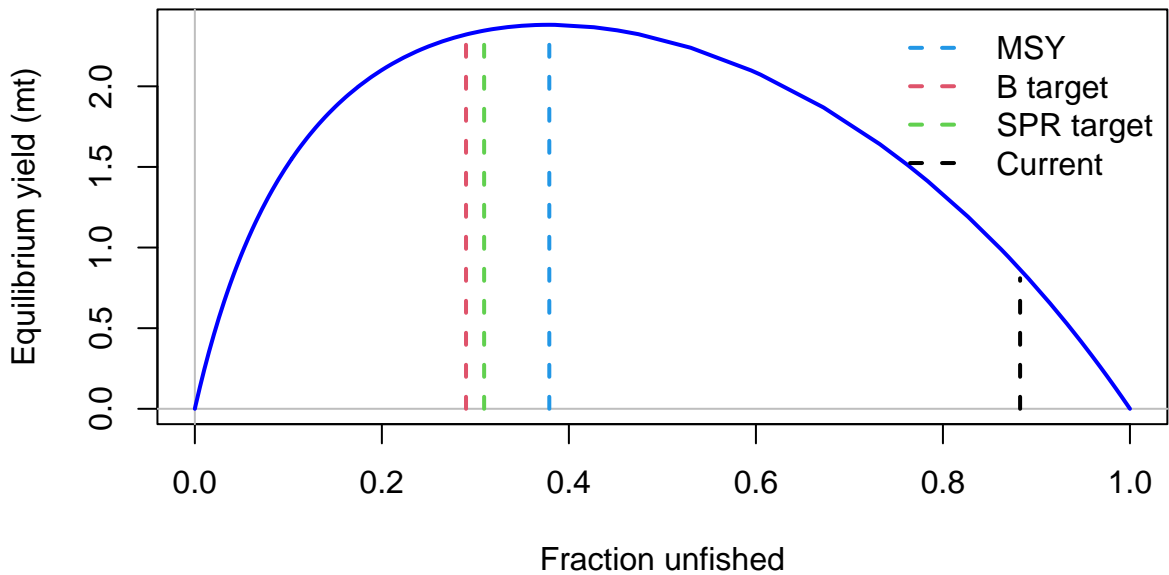




FISHERY (whole catch)

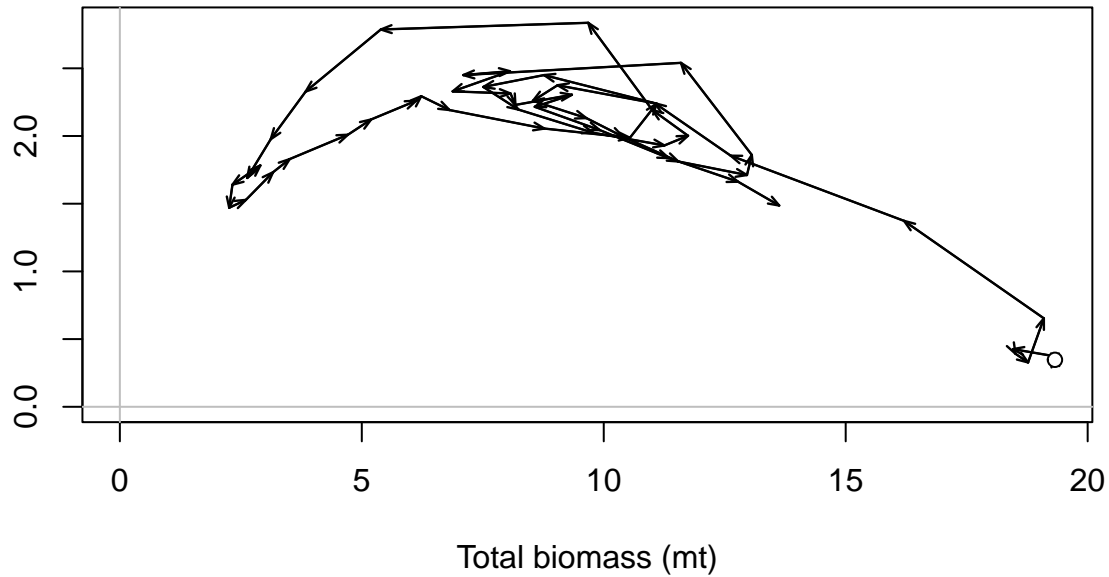


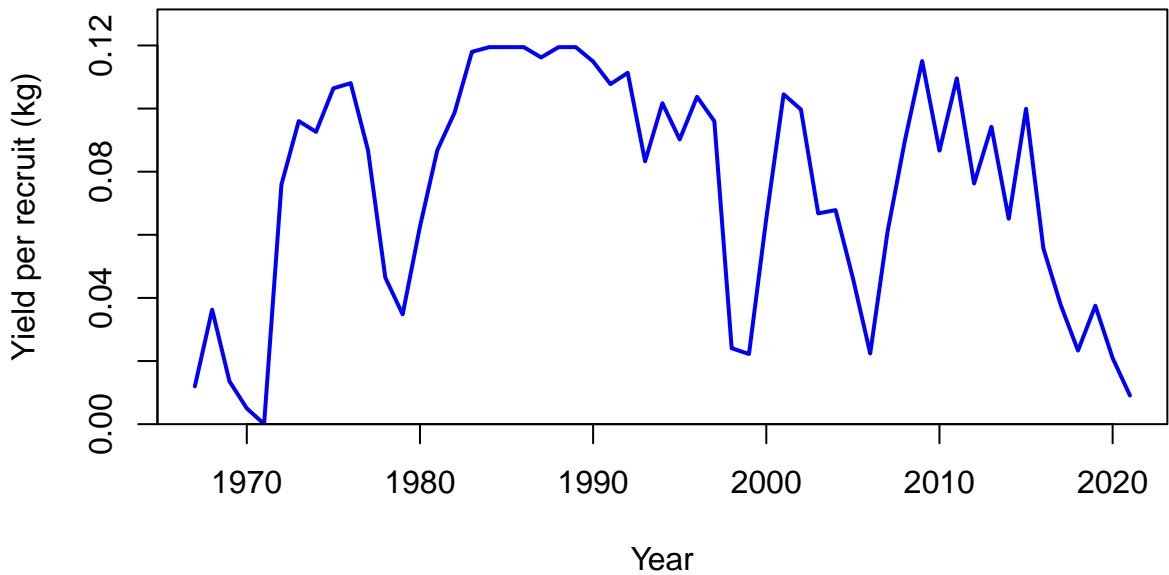


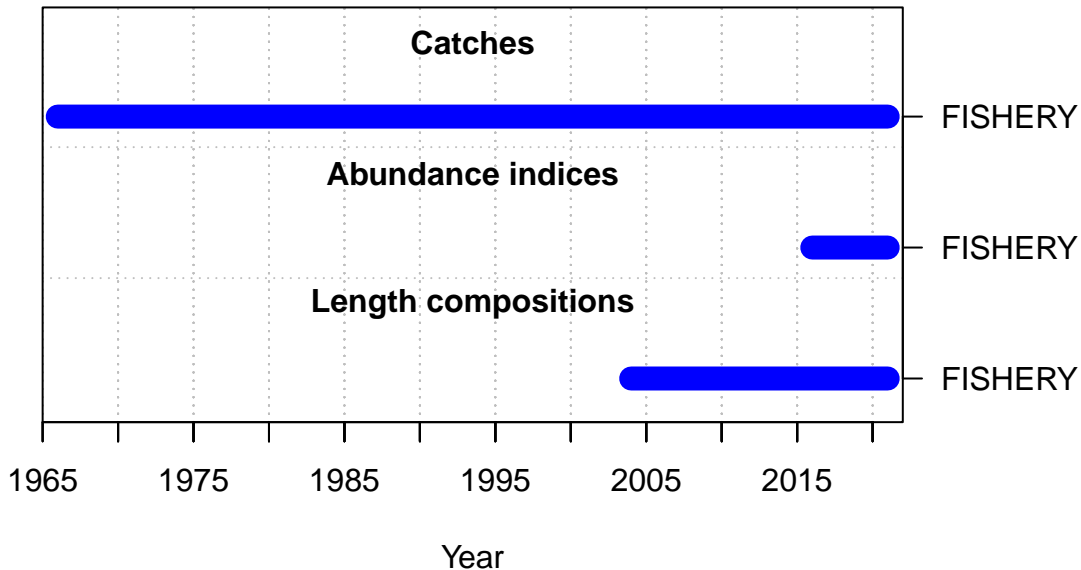


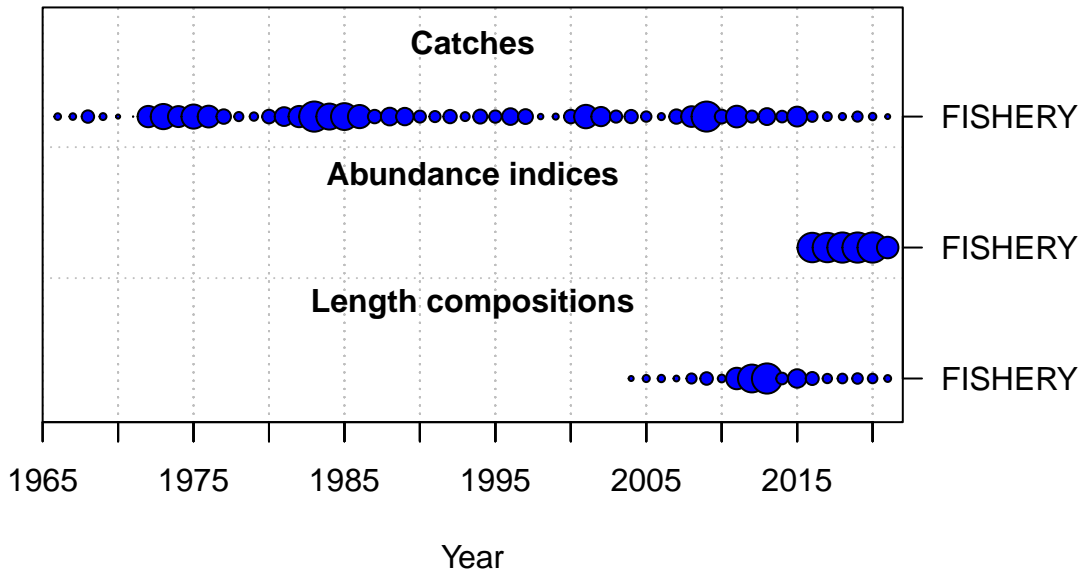


Surplus production (mt)

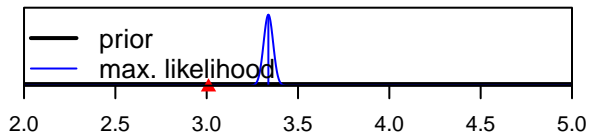




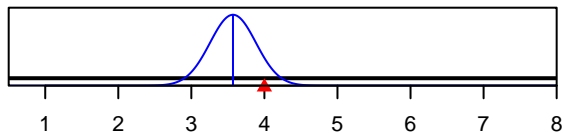




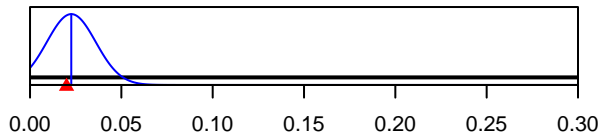
SR\_LN(R0)



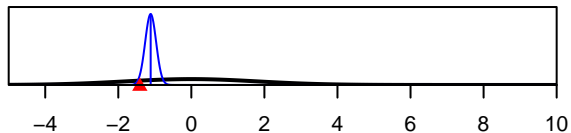
Size\_95%width\_FISHERY(1)



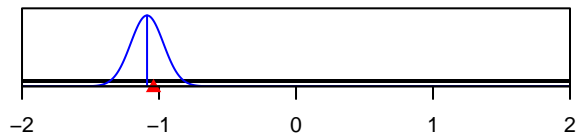
InitF\_seas\_1flt\_1FISHERY



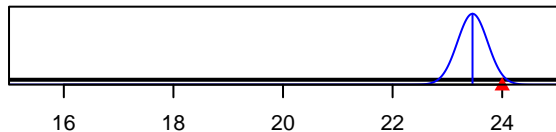
ln(DM\_theta)\_1



LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Parameter value