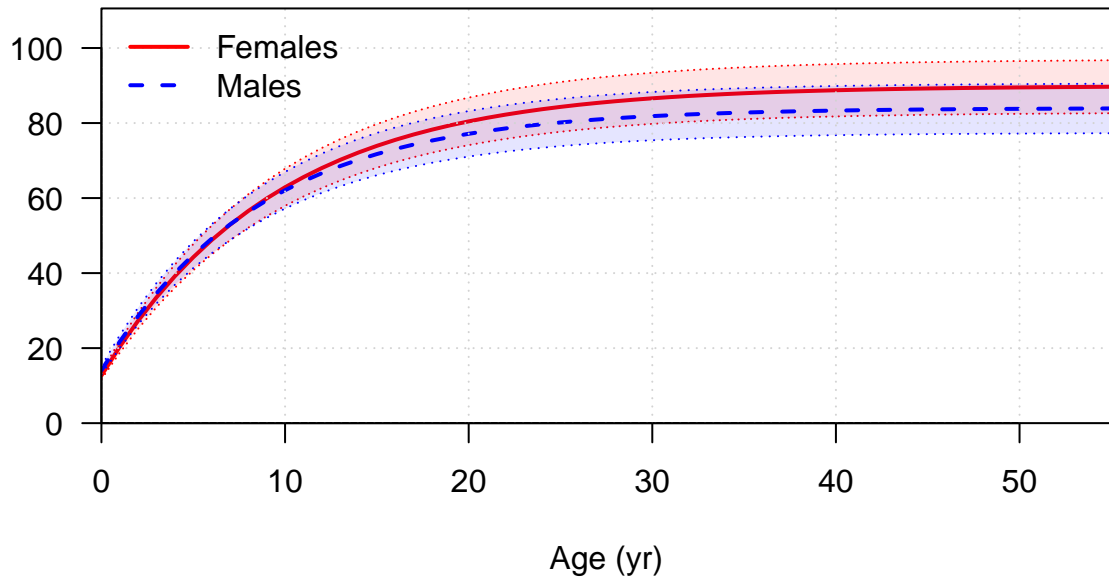
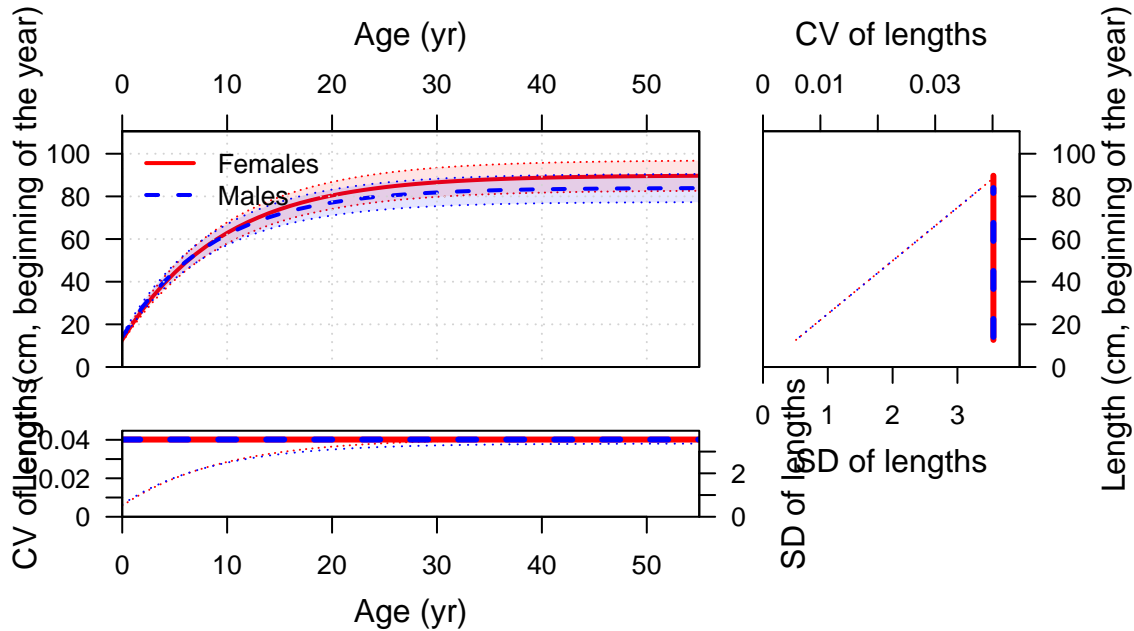
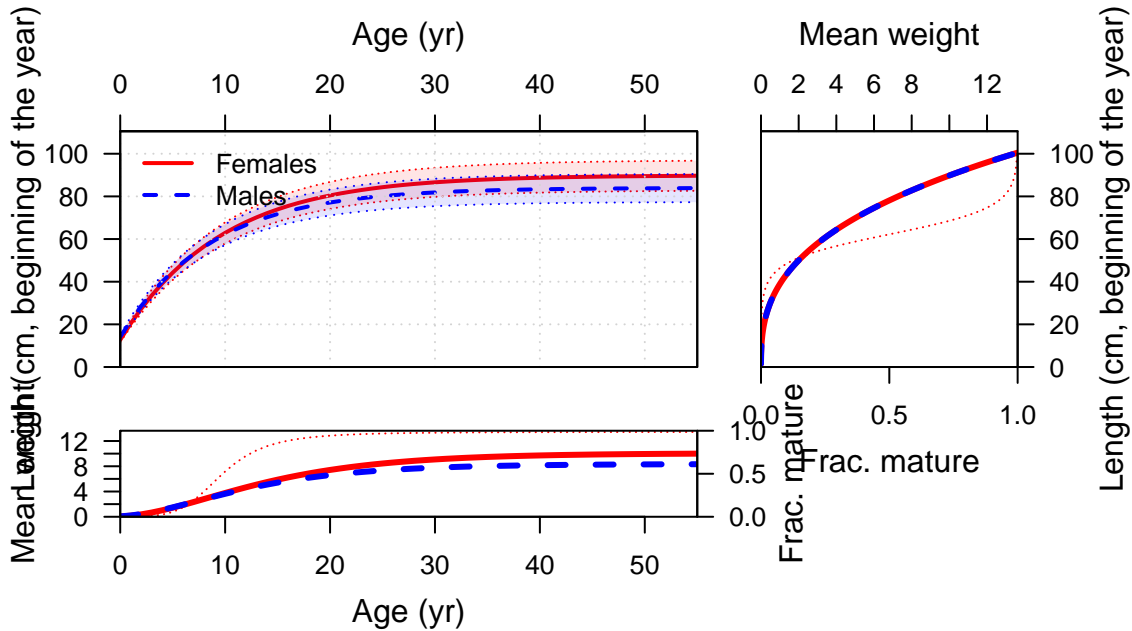


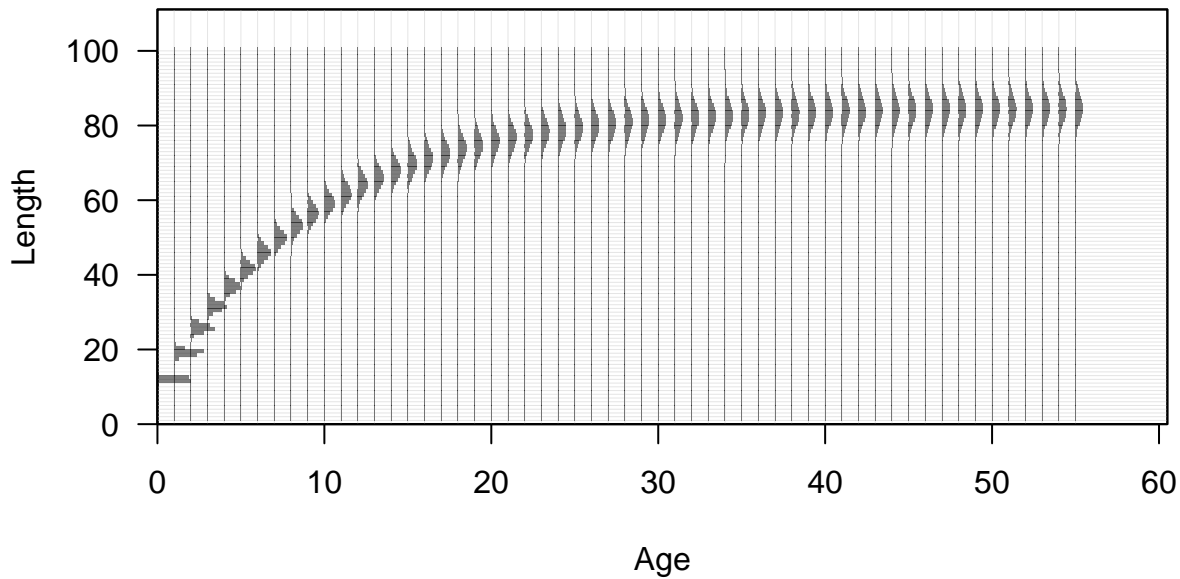
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Thu Jan 05 20:18:50 2023  
Data\_File: data.ss  
Control\_File: control.ss

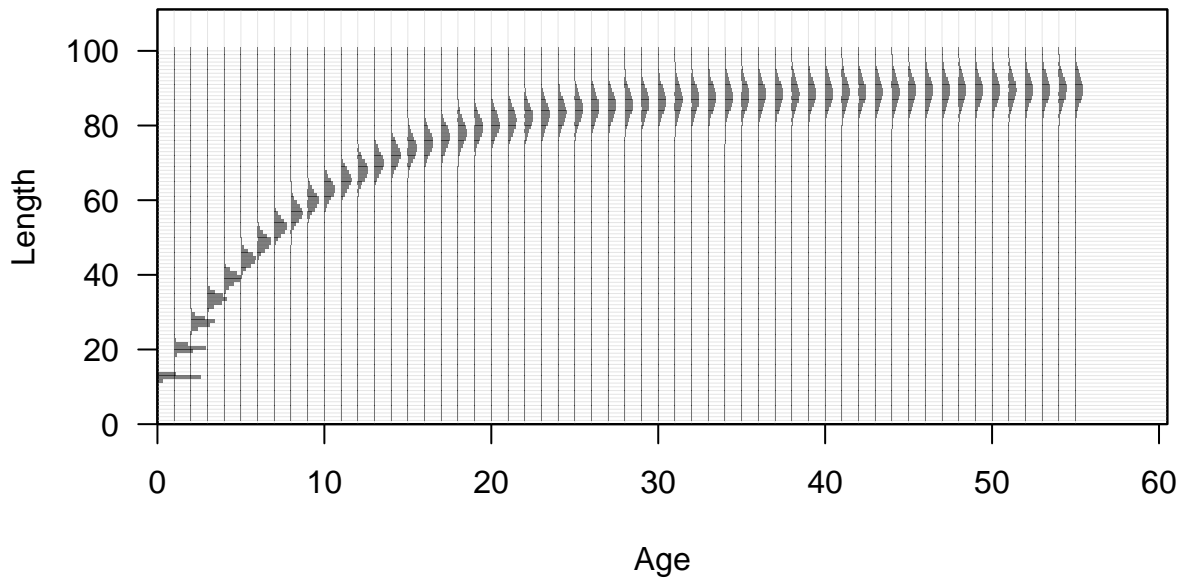
Length (cm, beginning of the year)

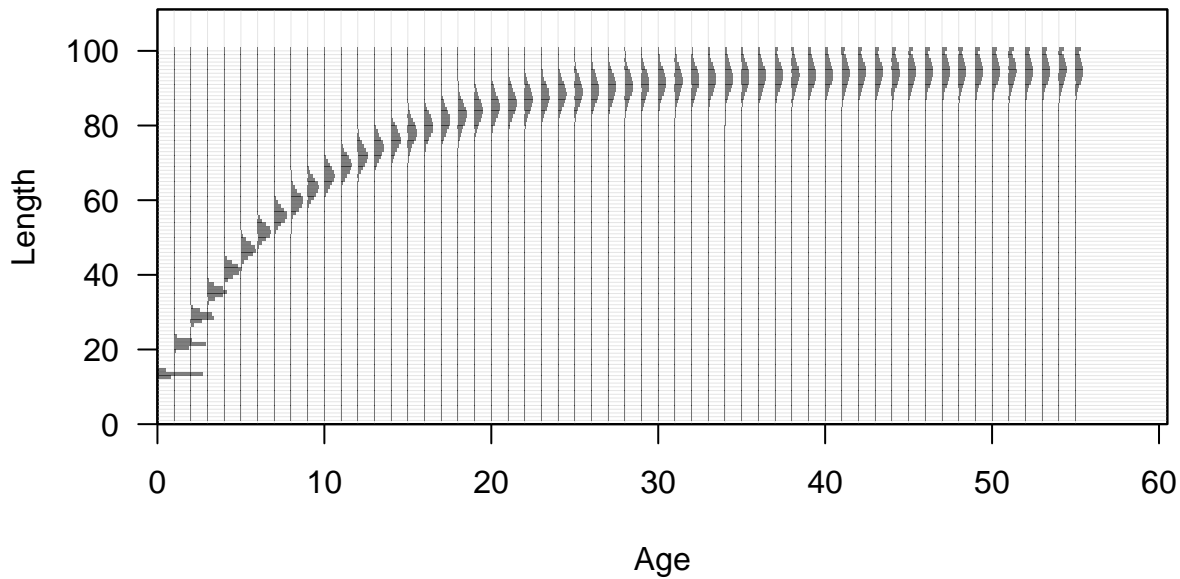


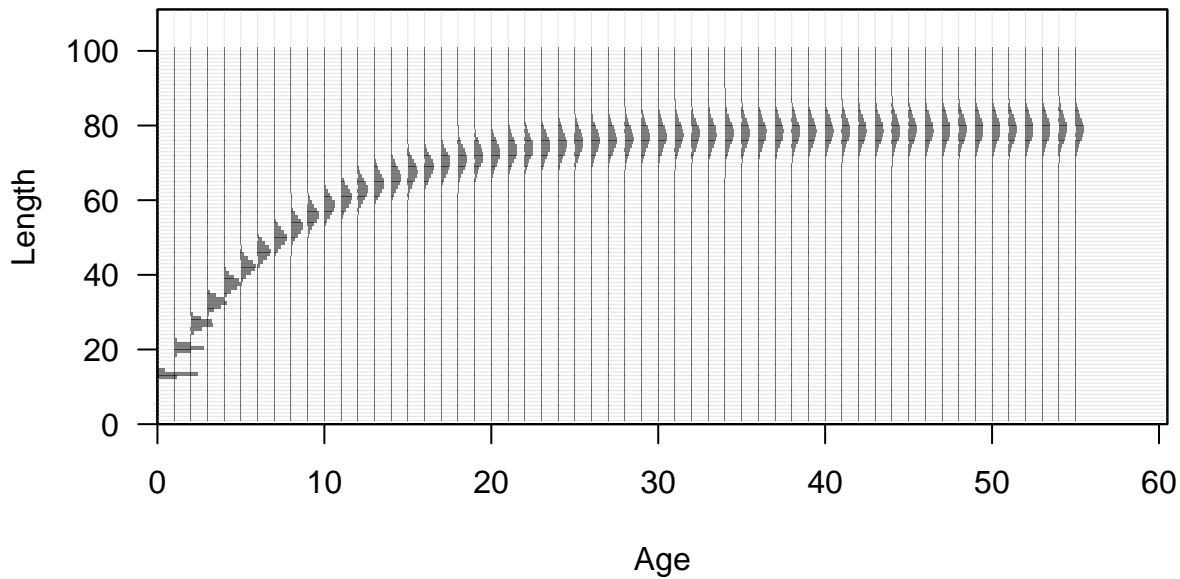




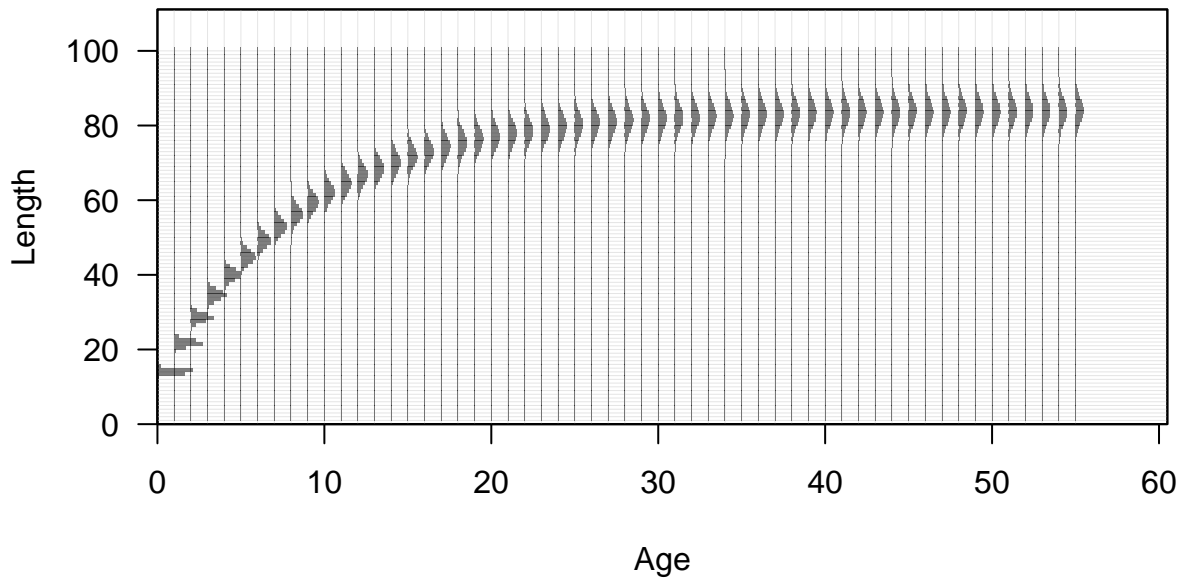


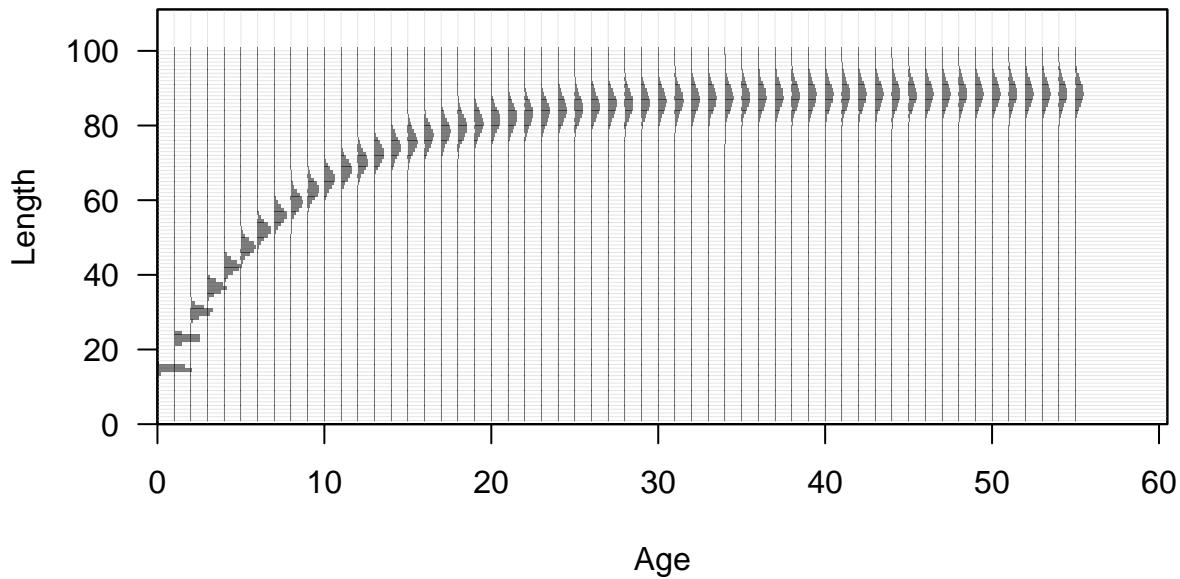


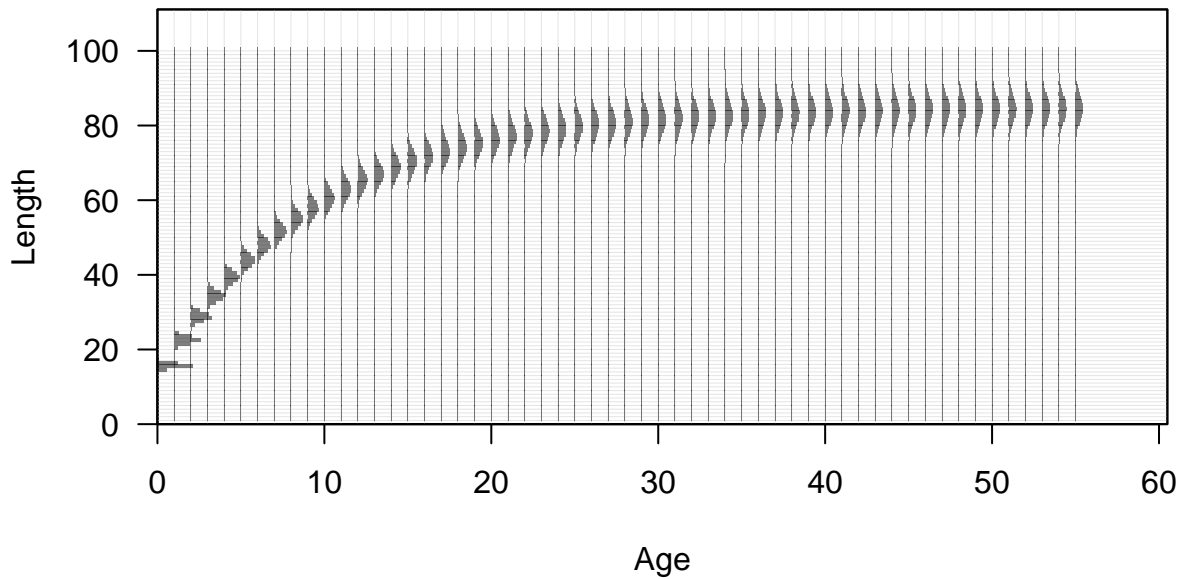


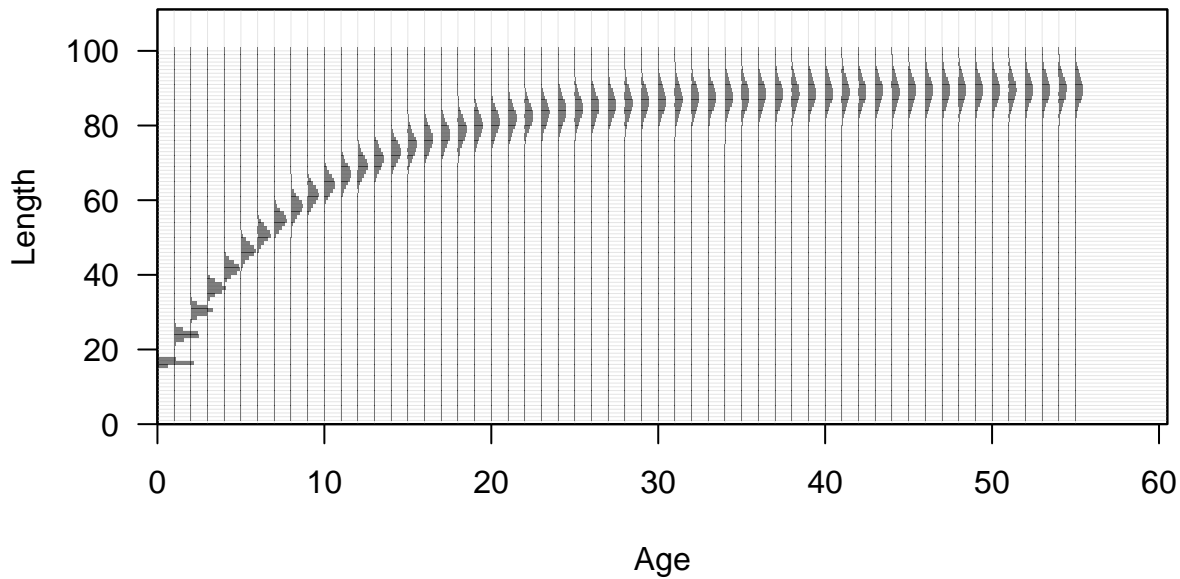


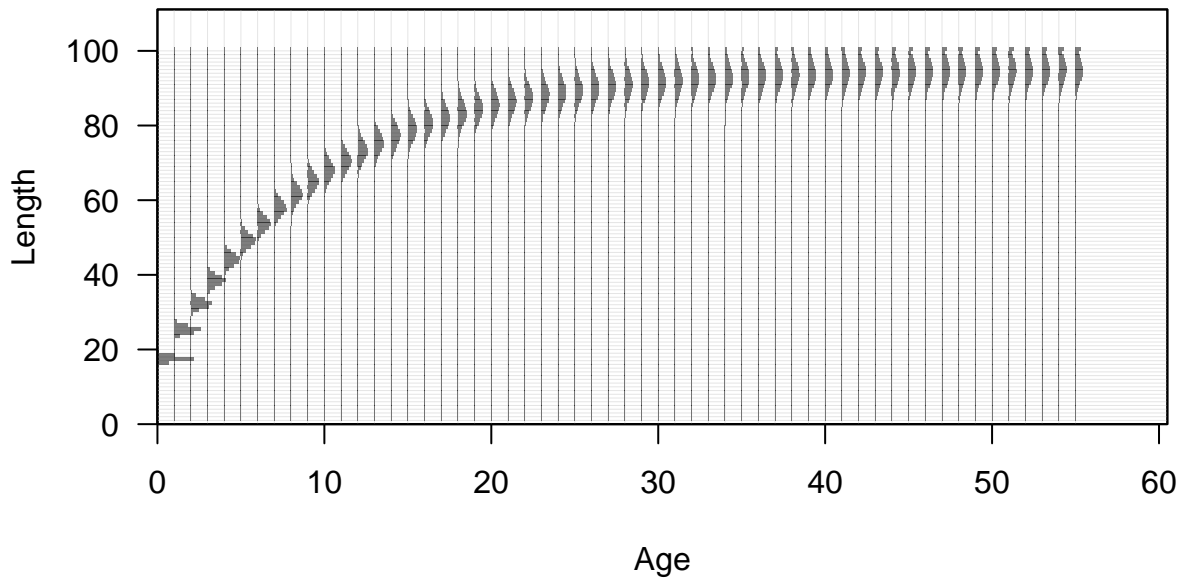


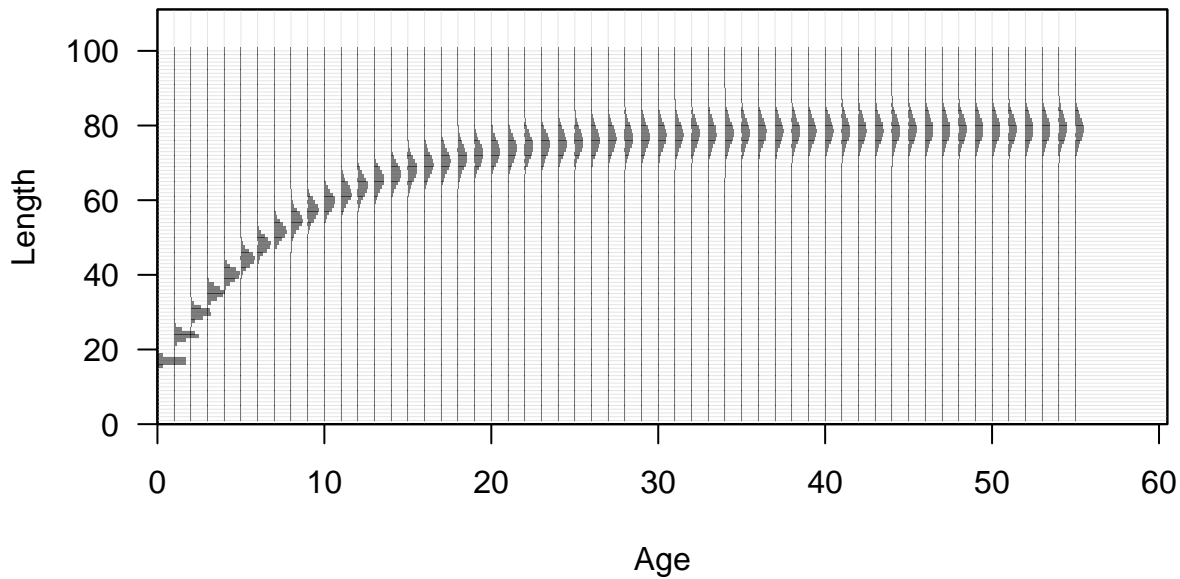


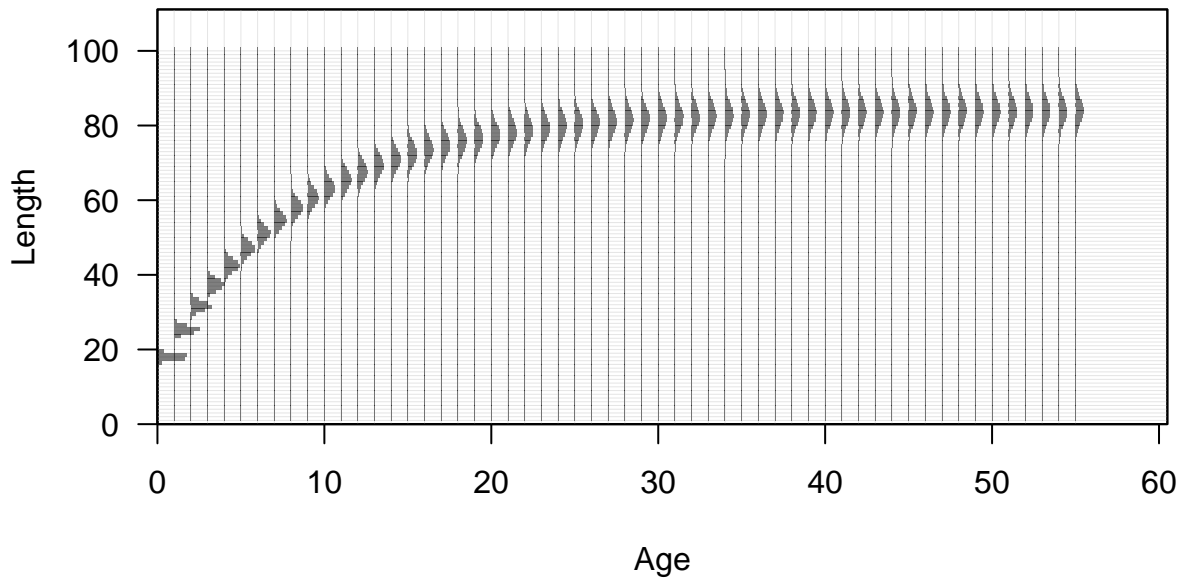


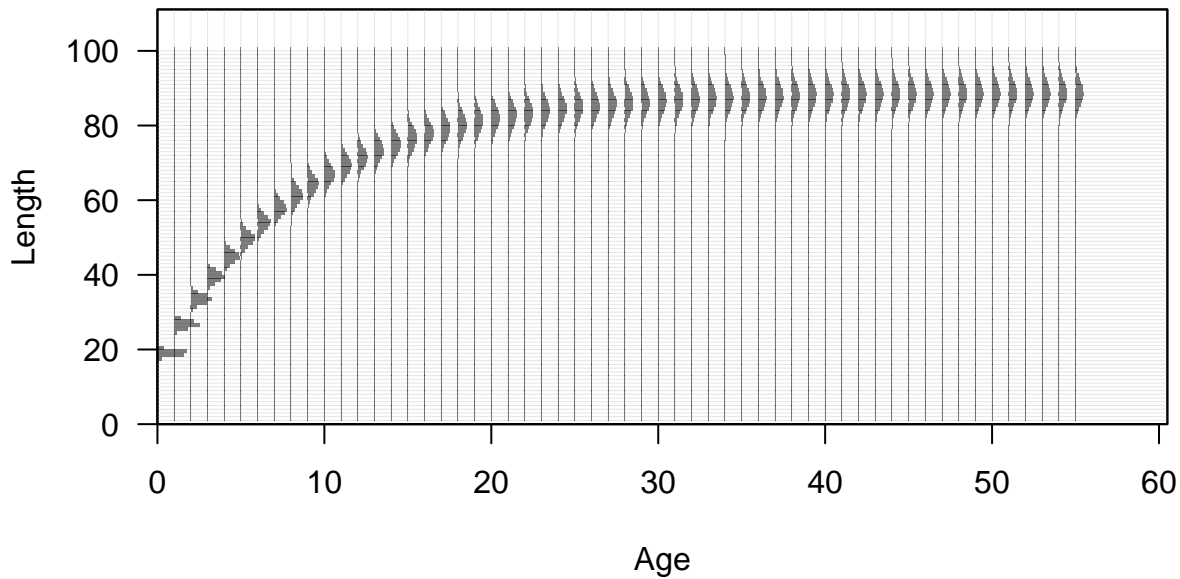




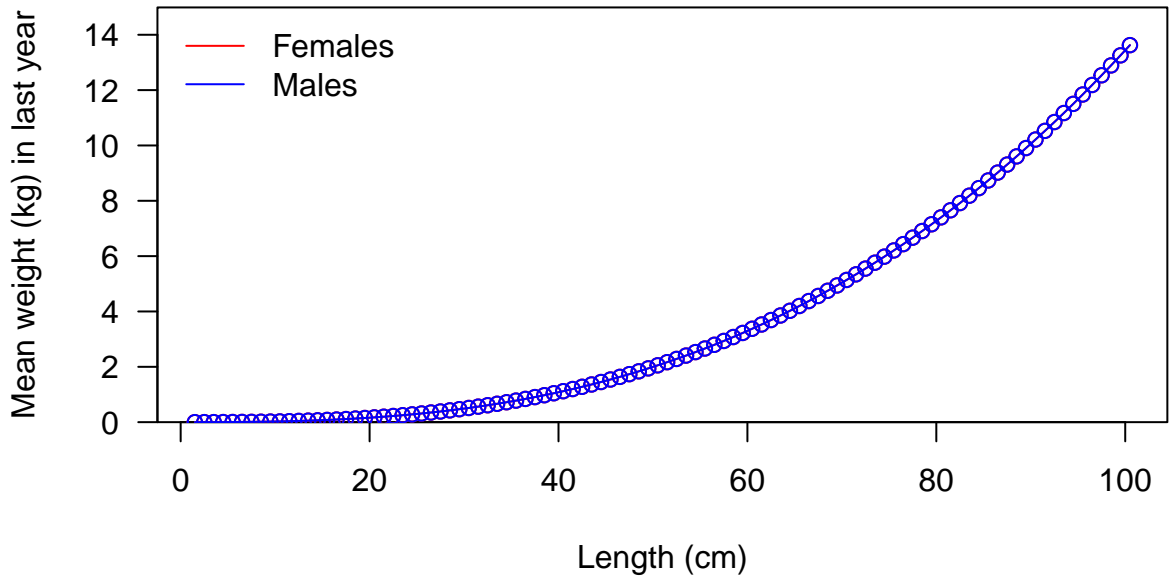


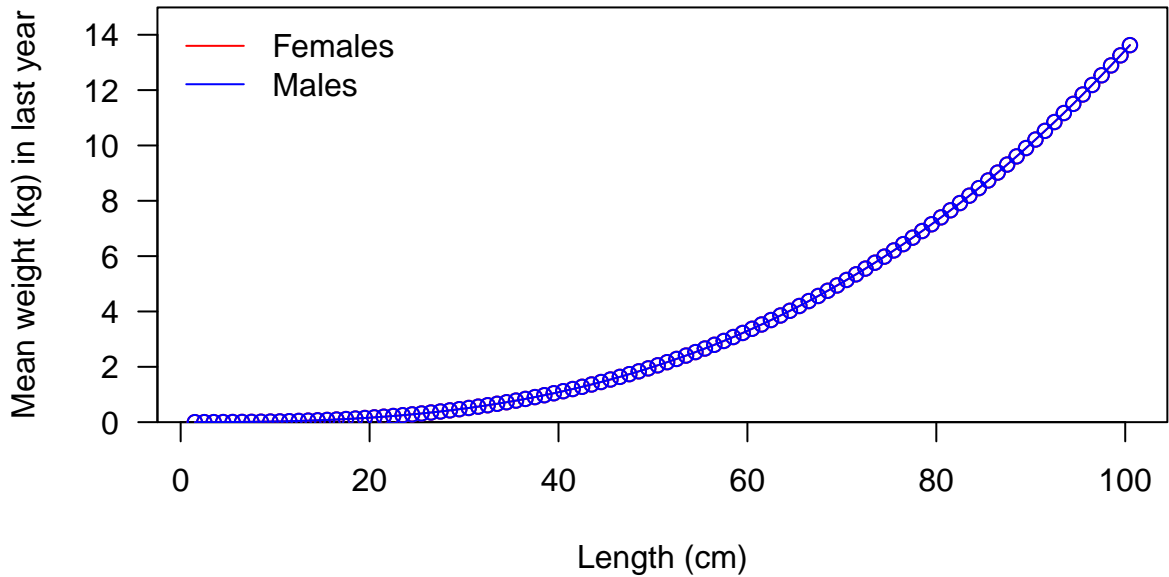


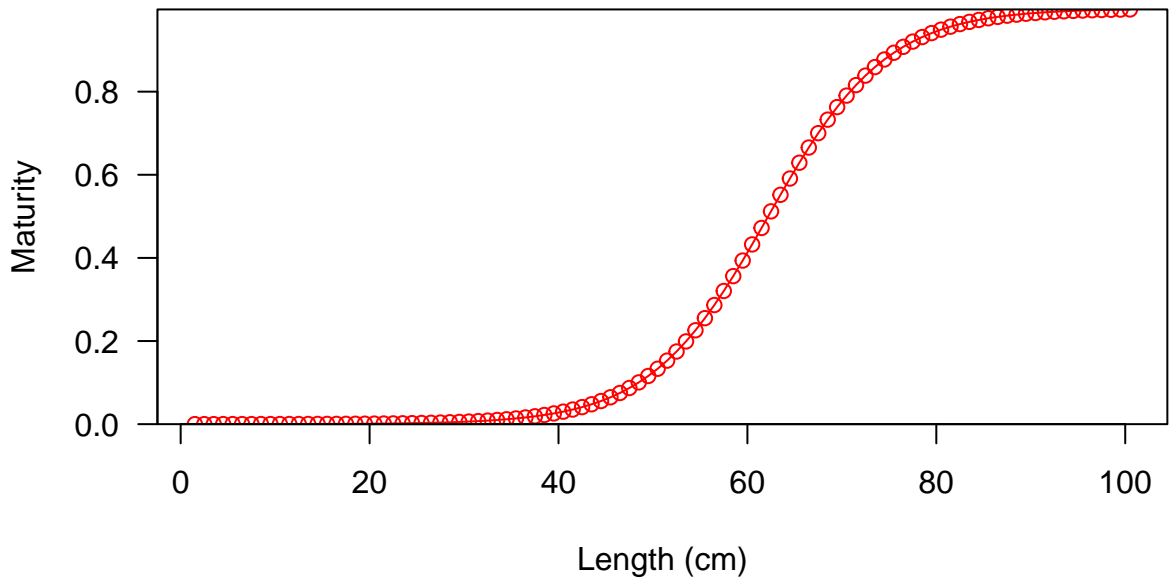


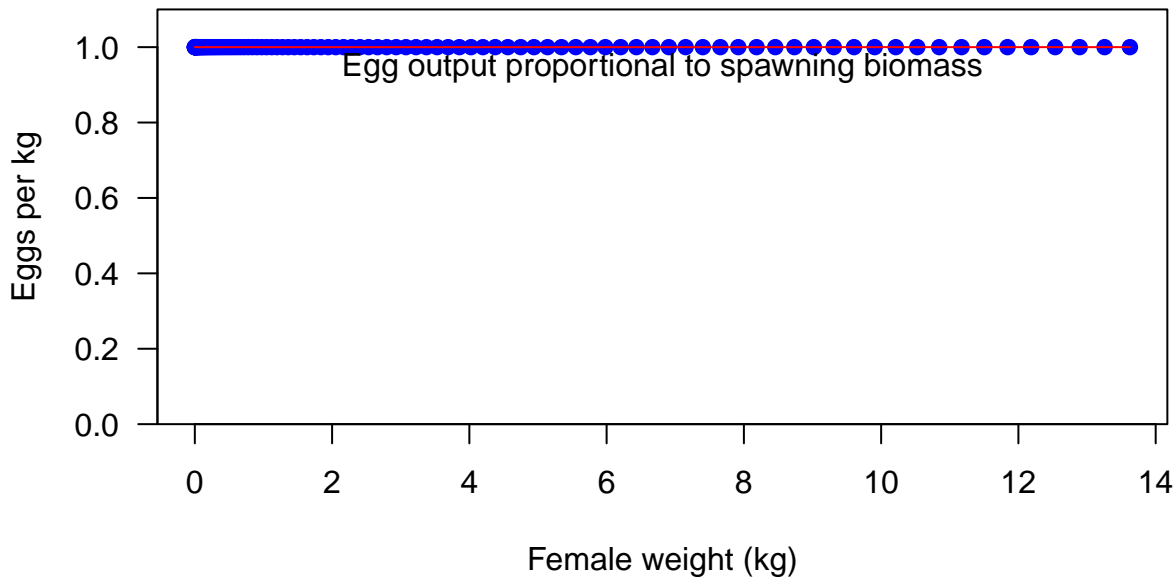




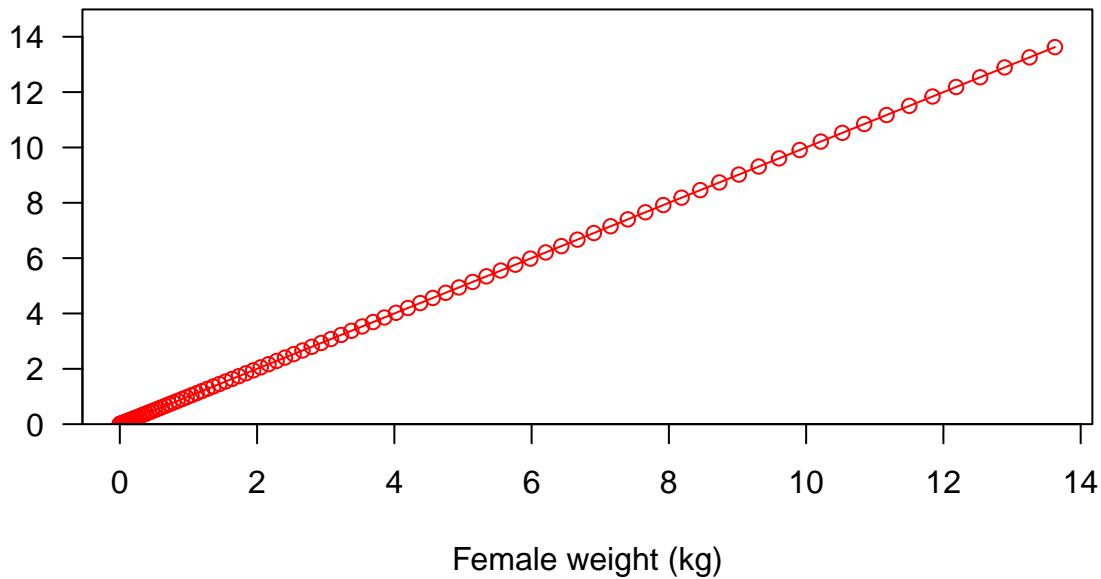




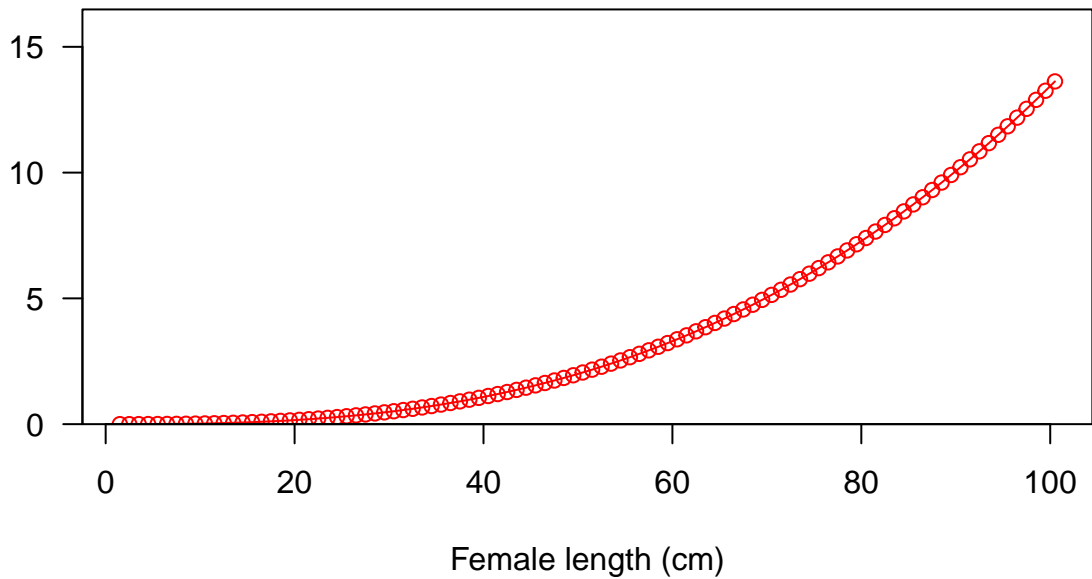




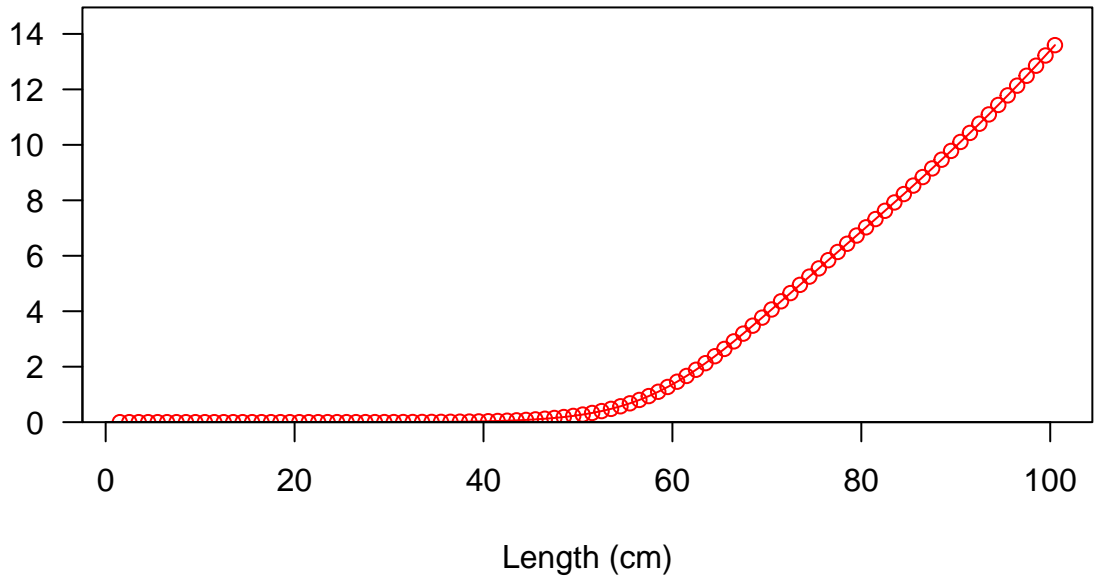
Fecundity



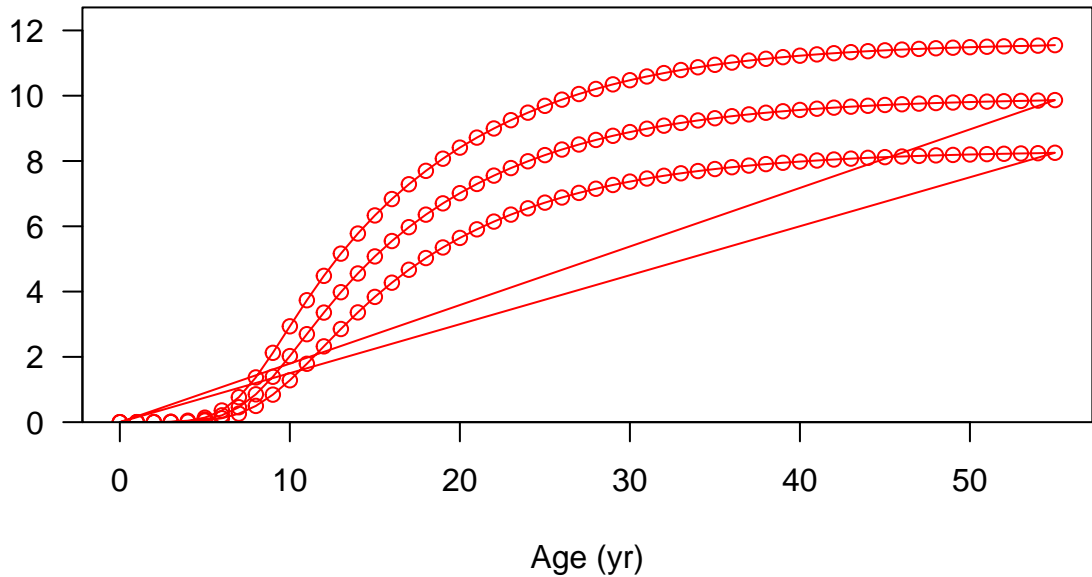
Fecundity



Spawning output

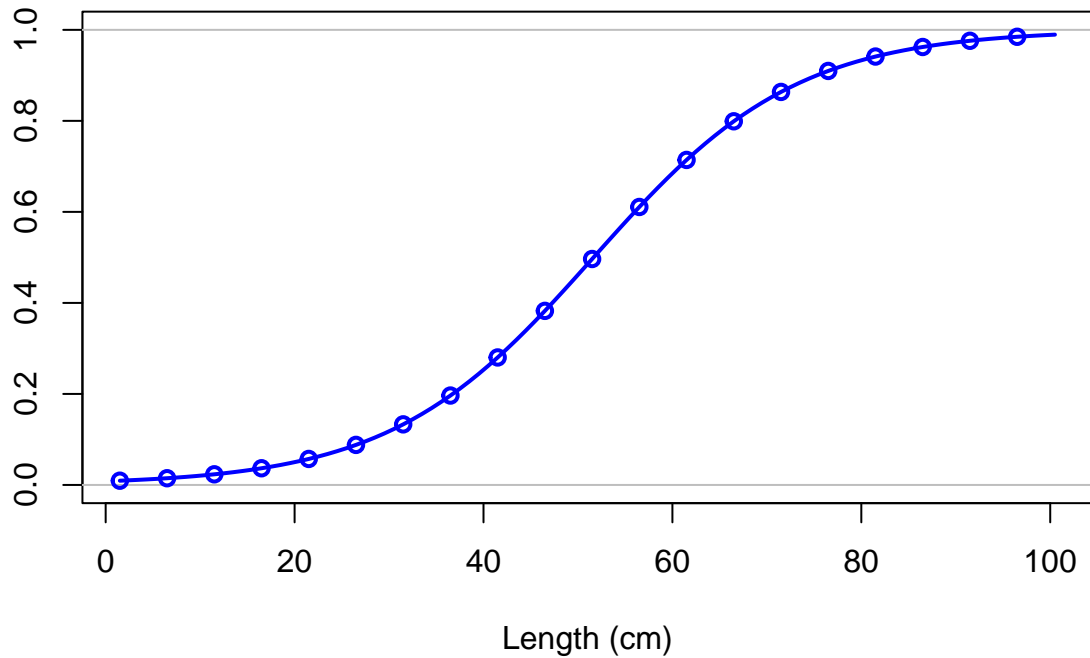


Spawning output

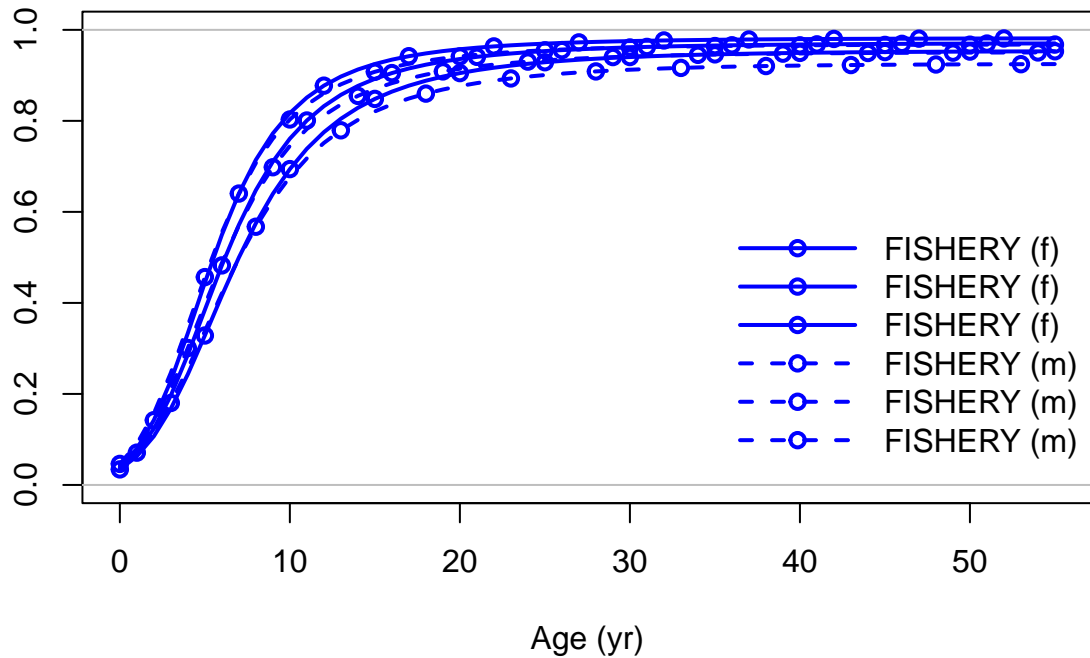




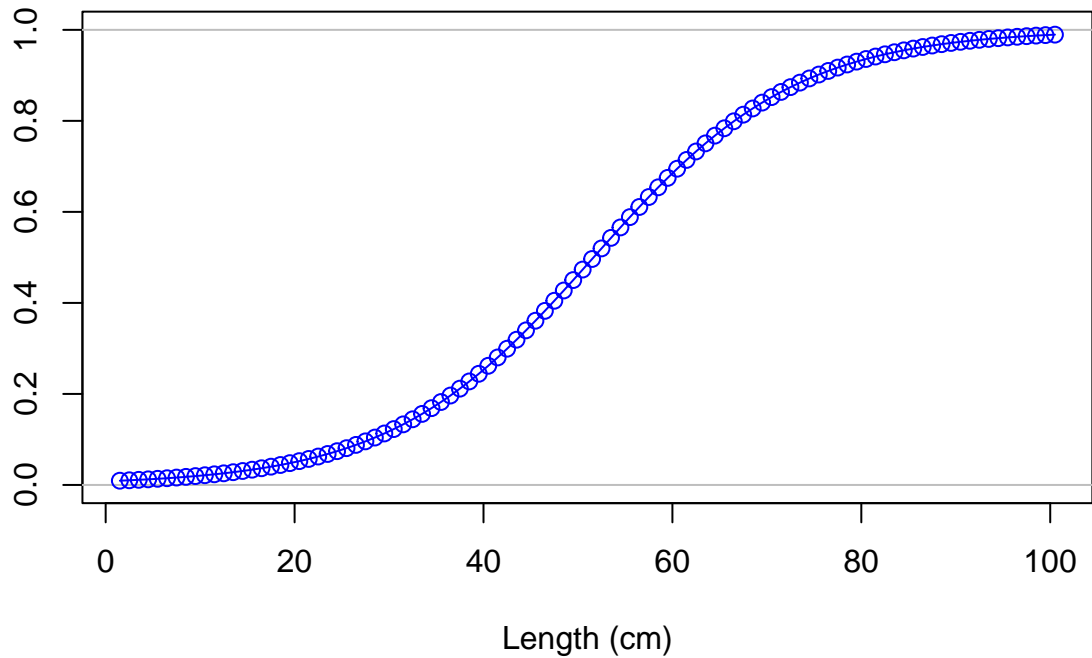
Selectivity



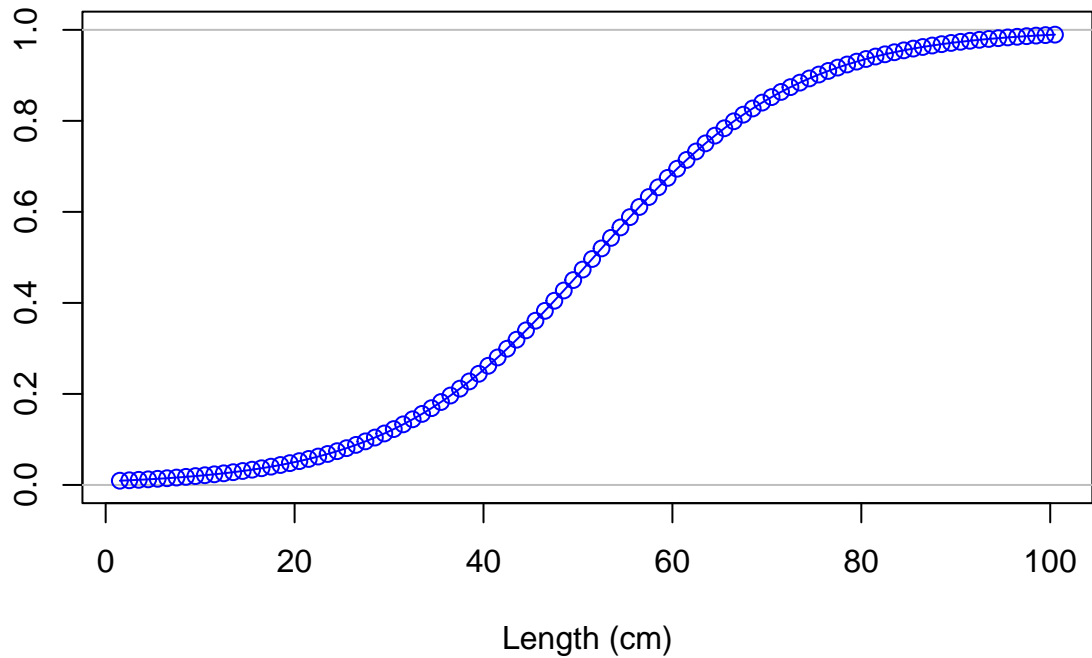
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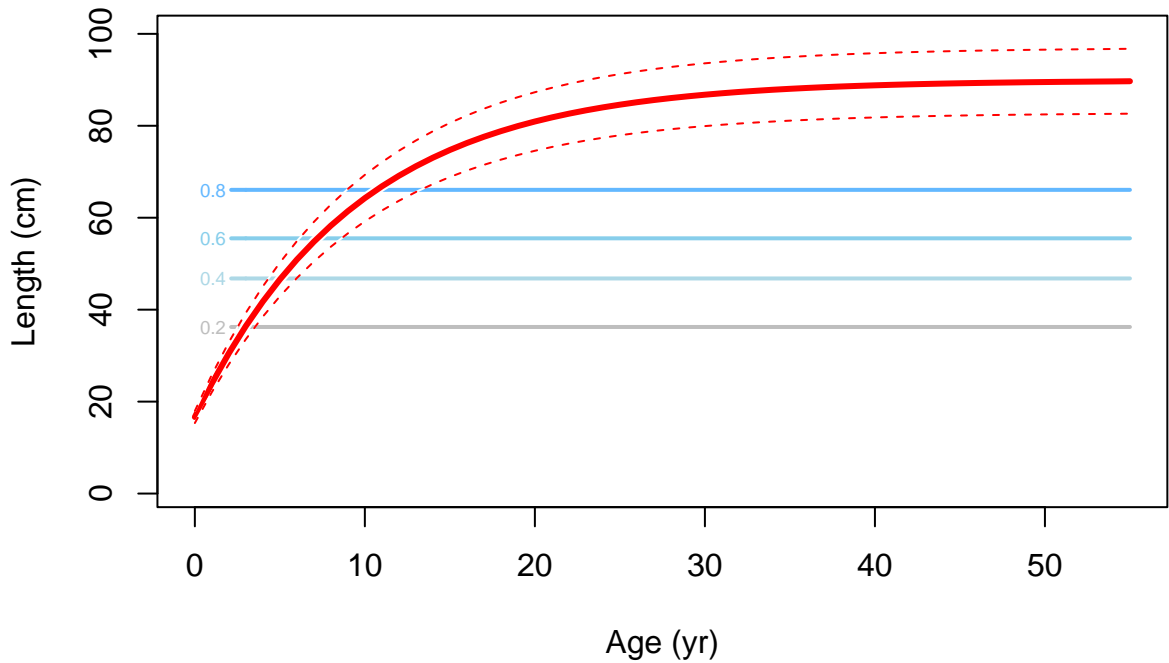


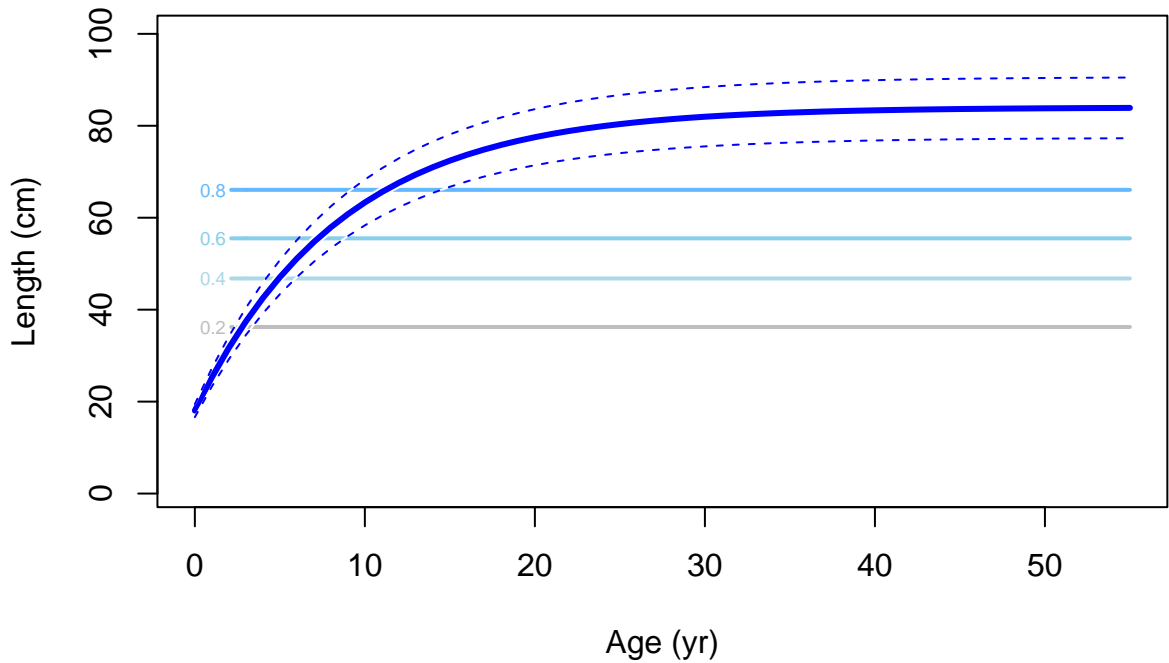
Selectivity

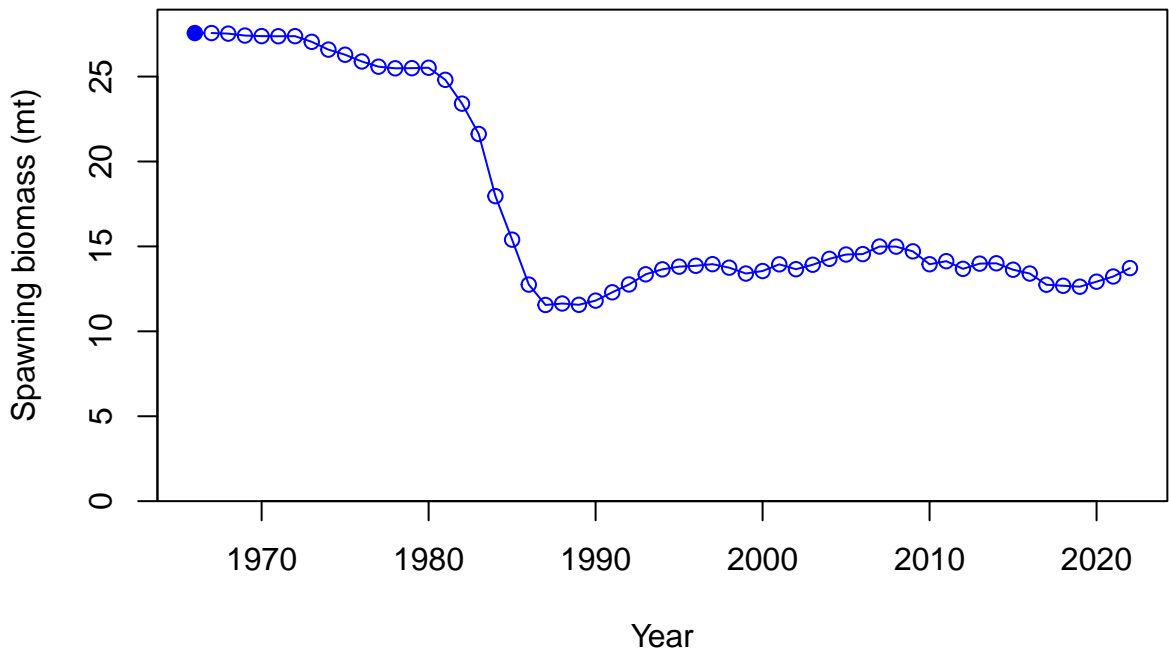


Selectivity

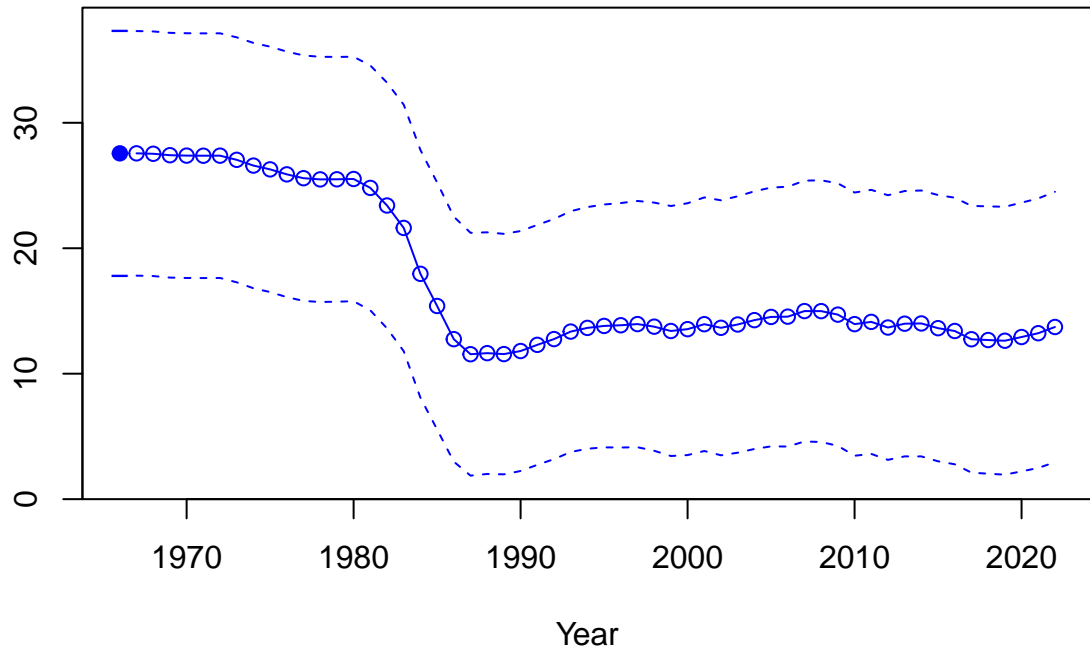






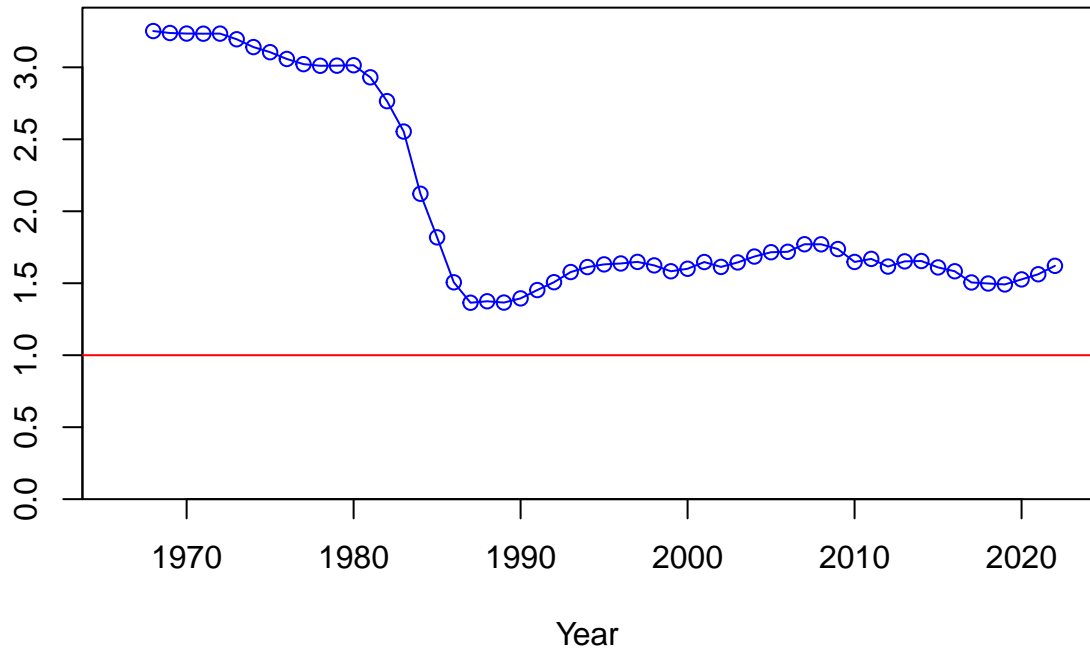


Spawning biomass (mt)

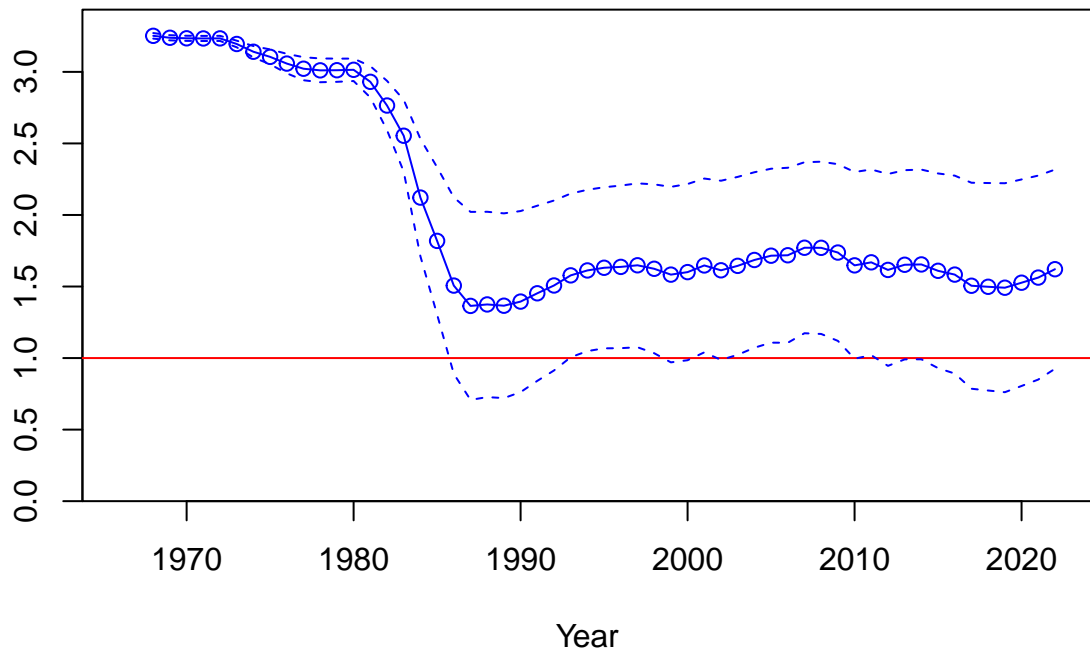


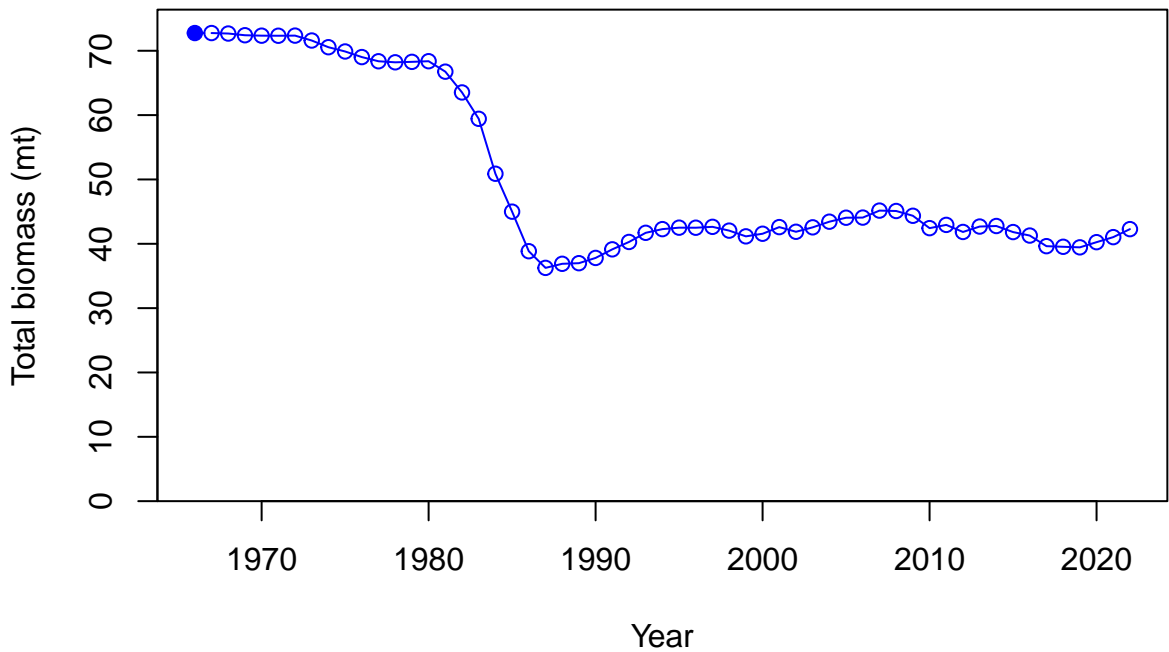


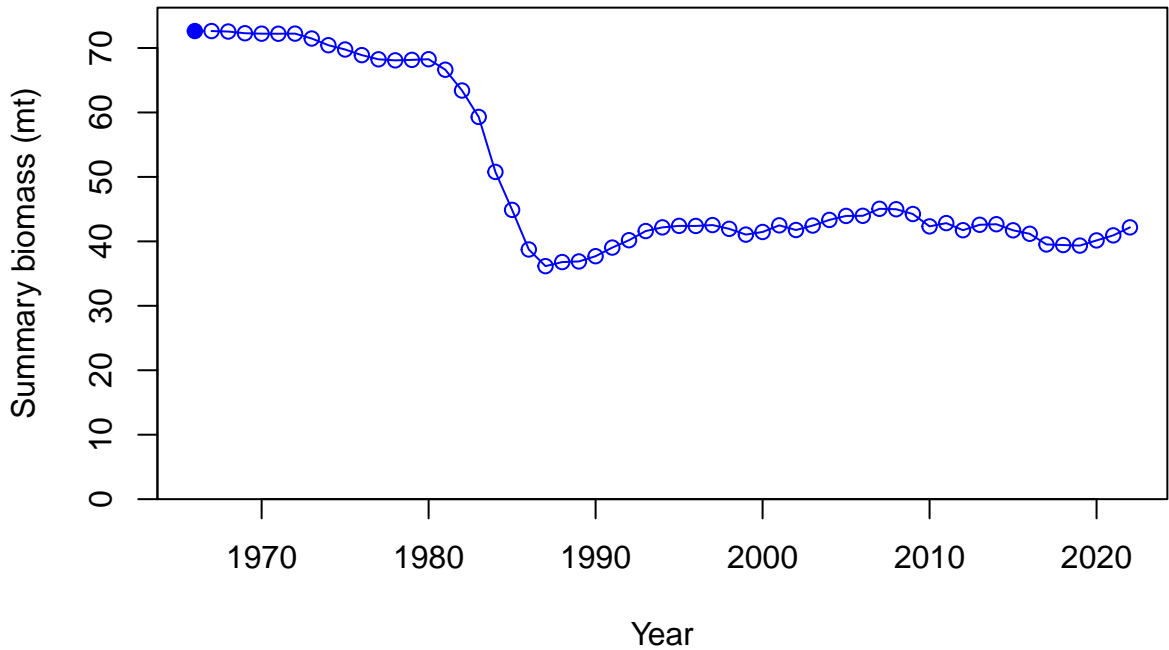
Relative spawning biomass:  $B/B_{MSY}$

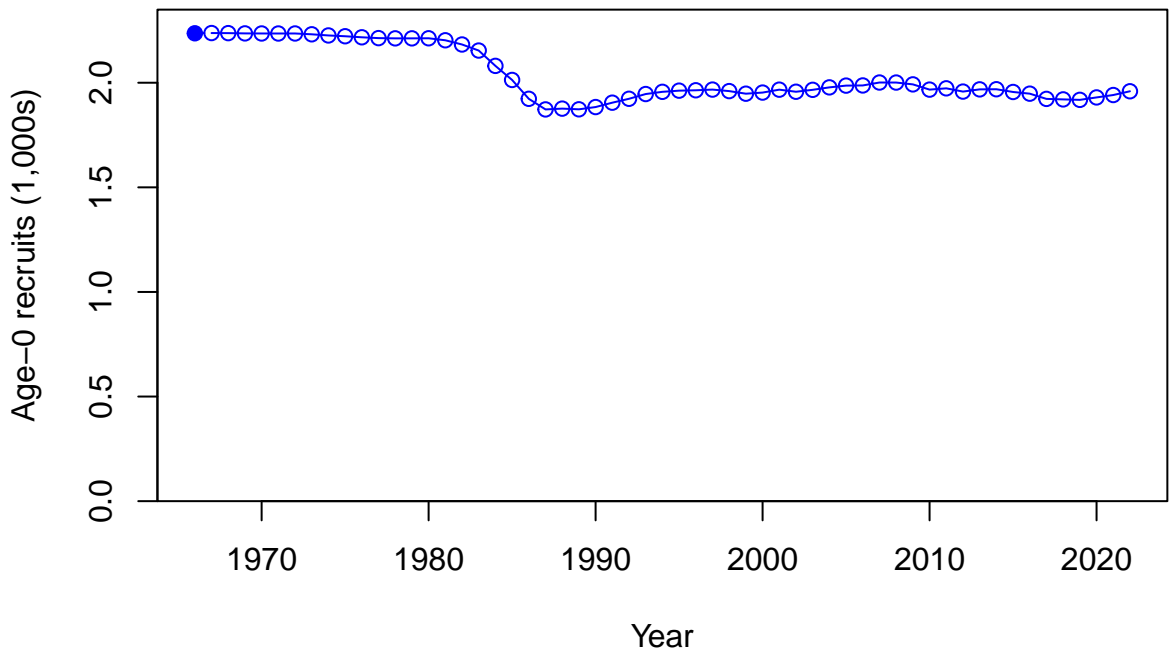


Relative spawning biomass:  $B/B_{MSY}$

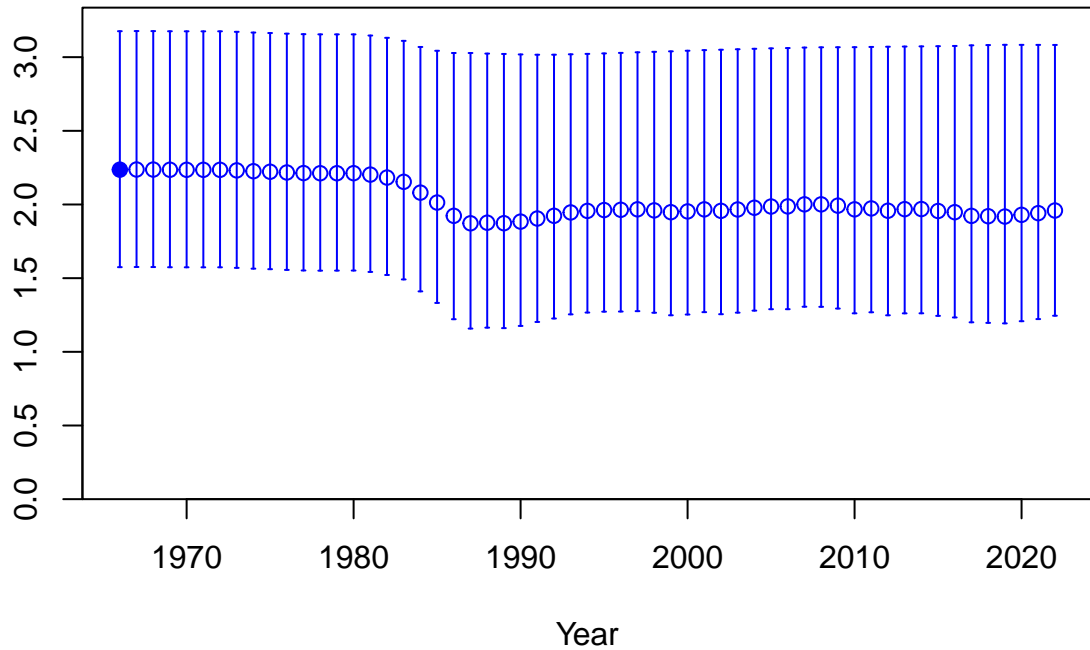




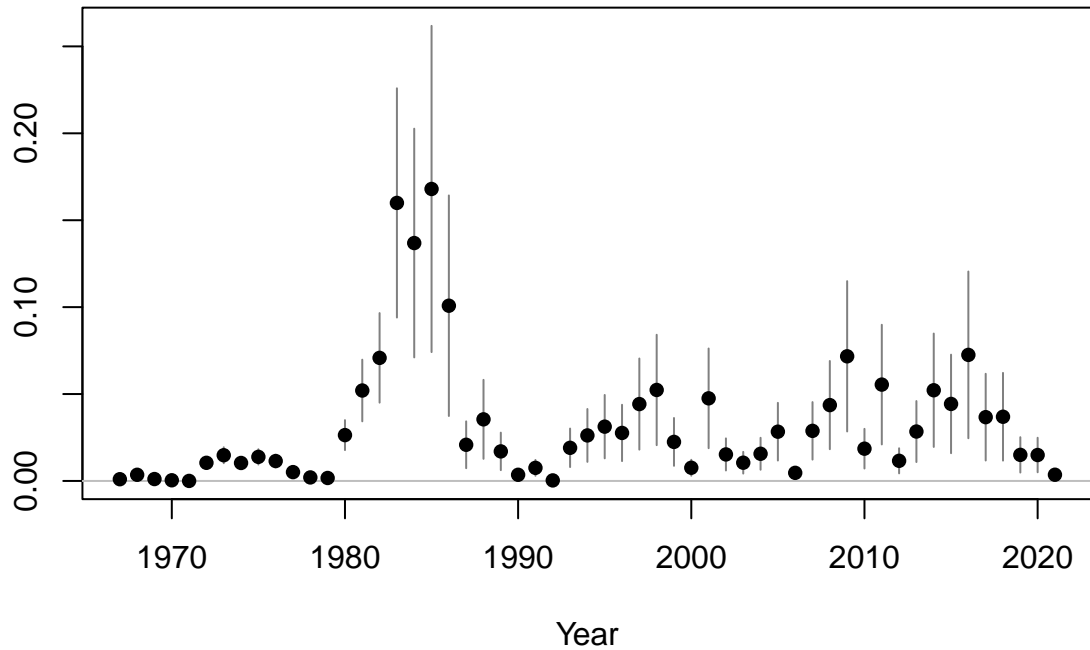


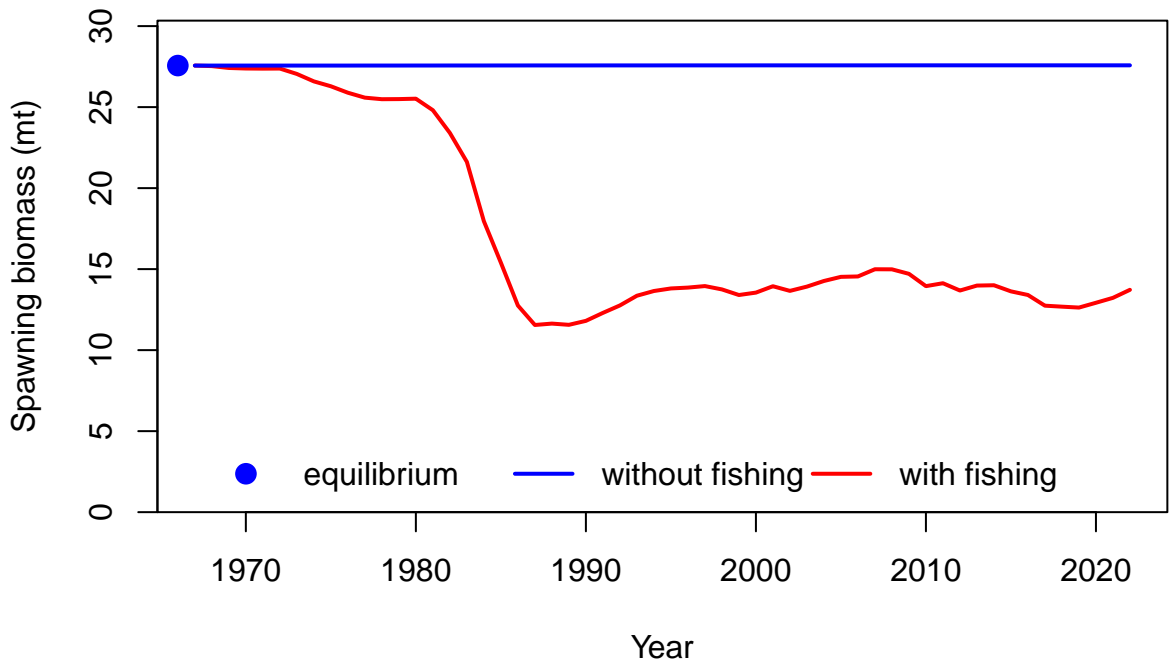


Age-0 recruits (1,000s)

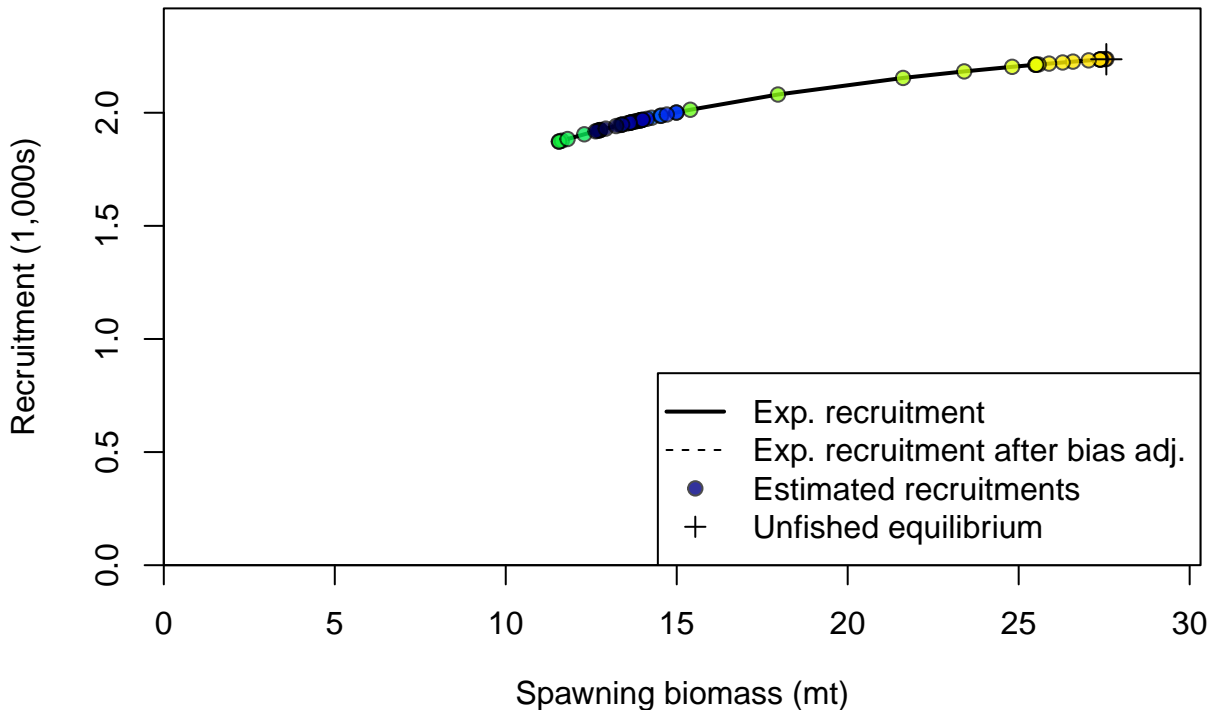


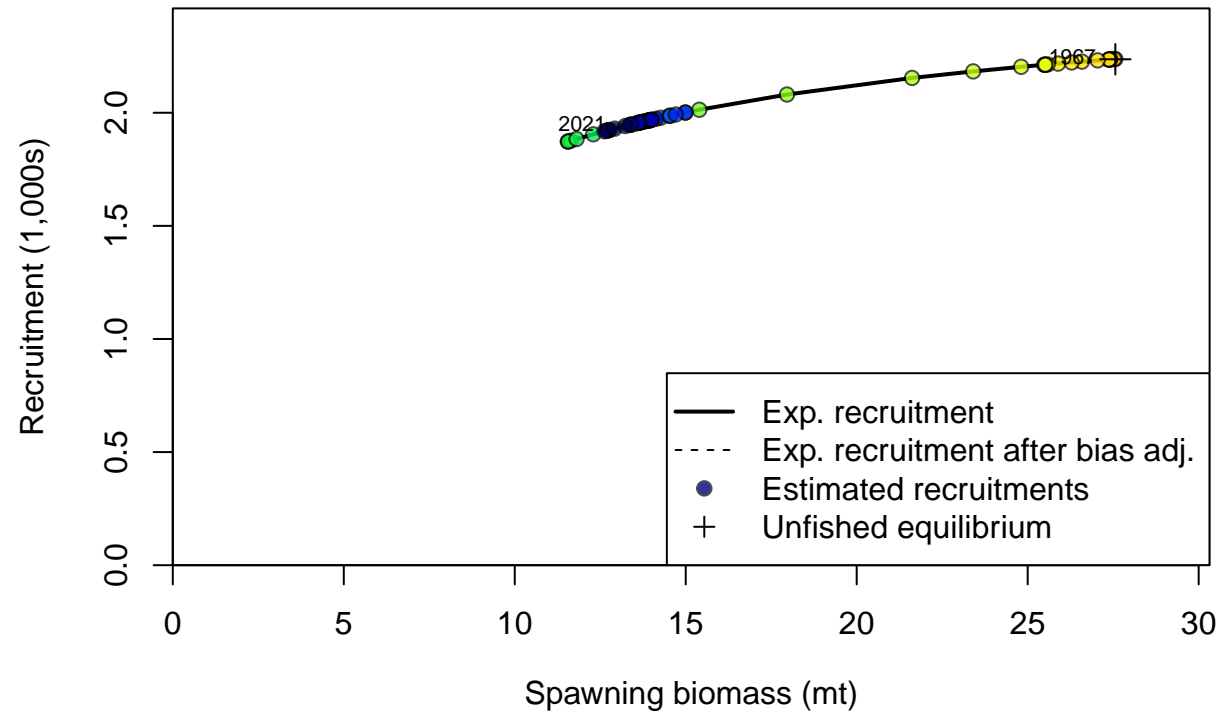
Summary Fishing Mortality

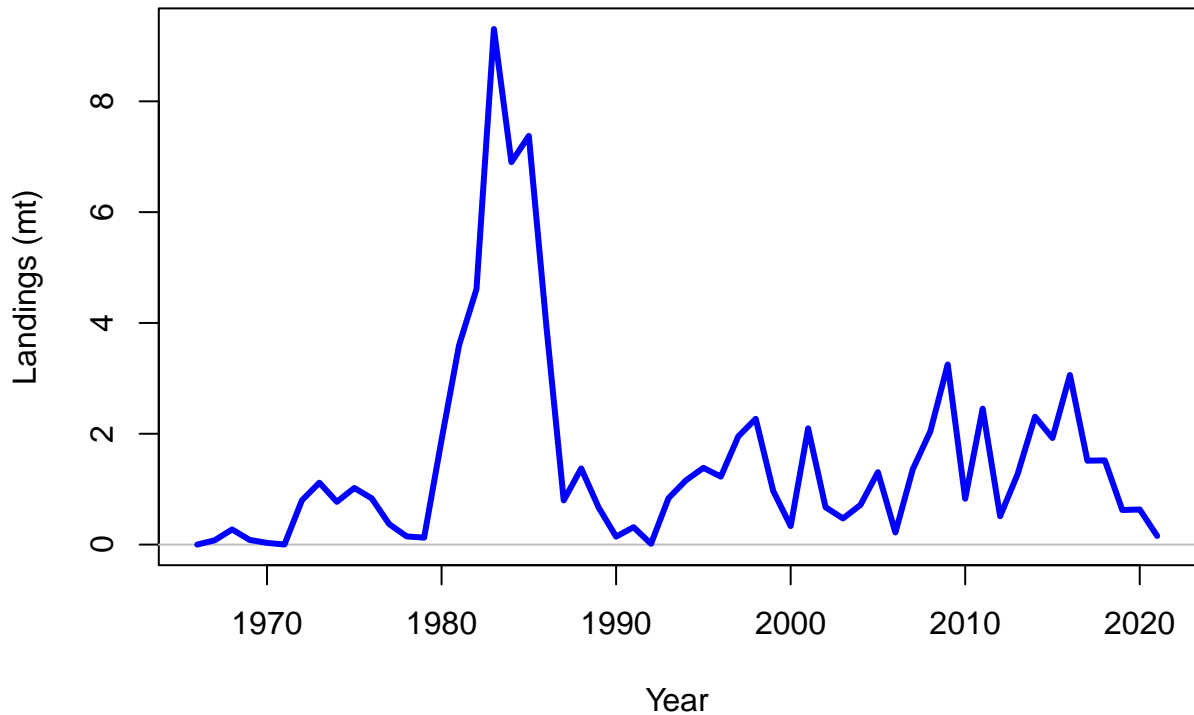




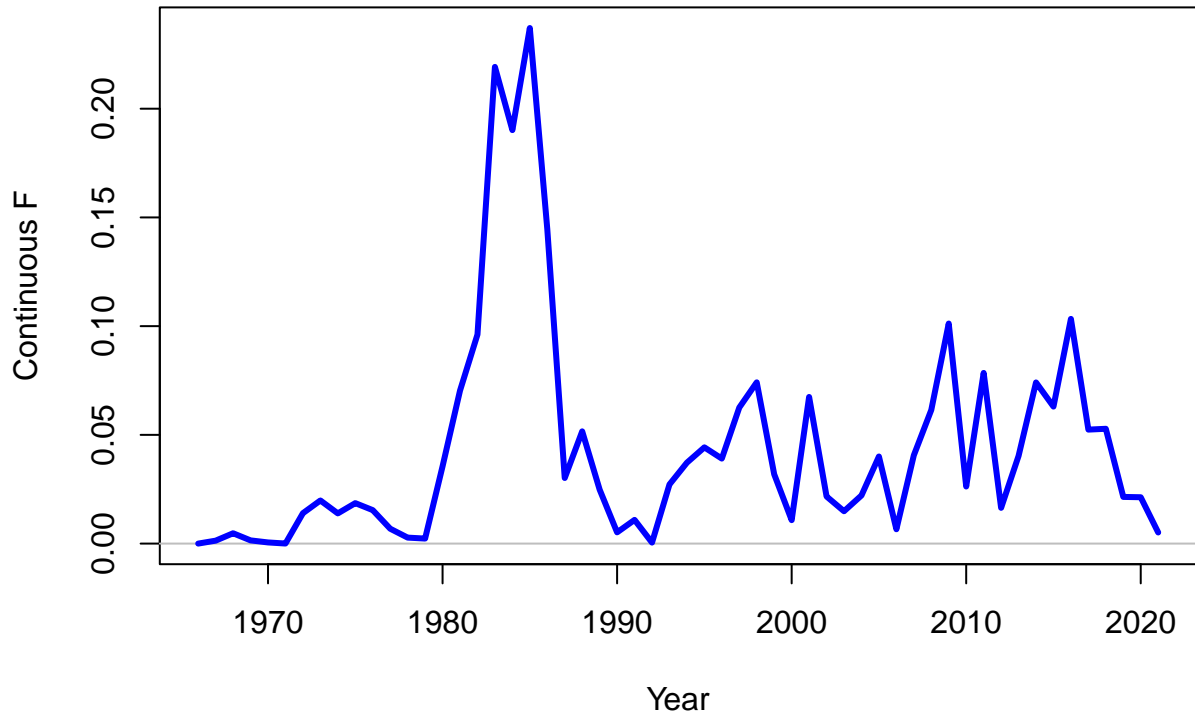




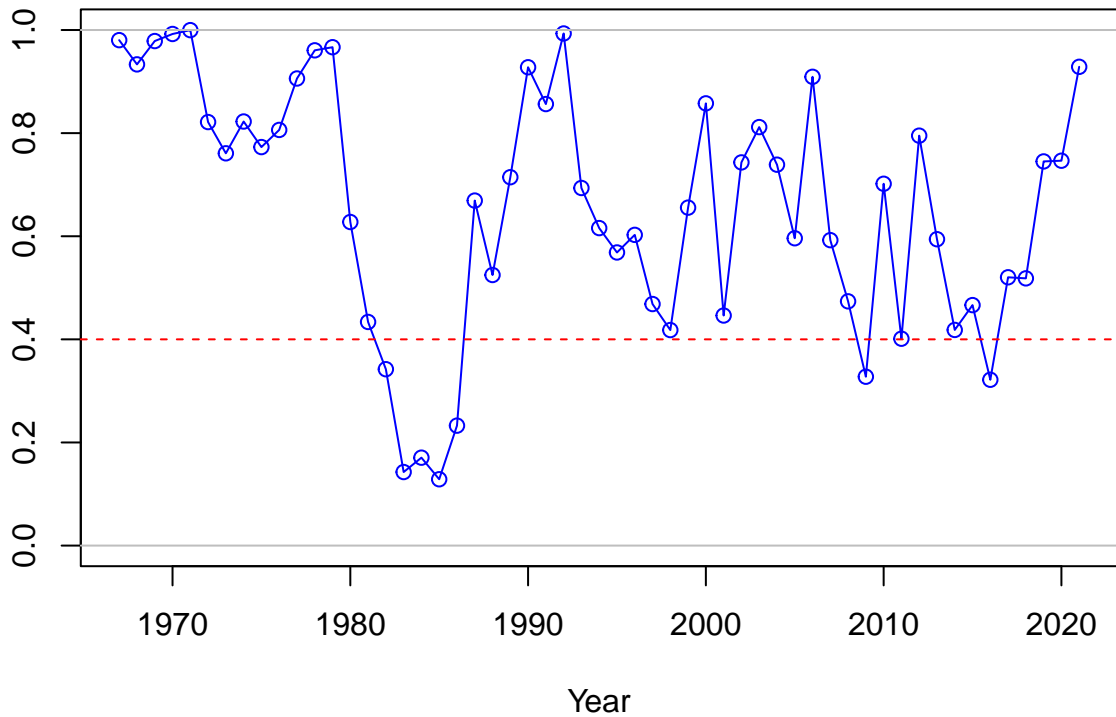


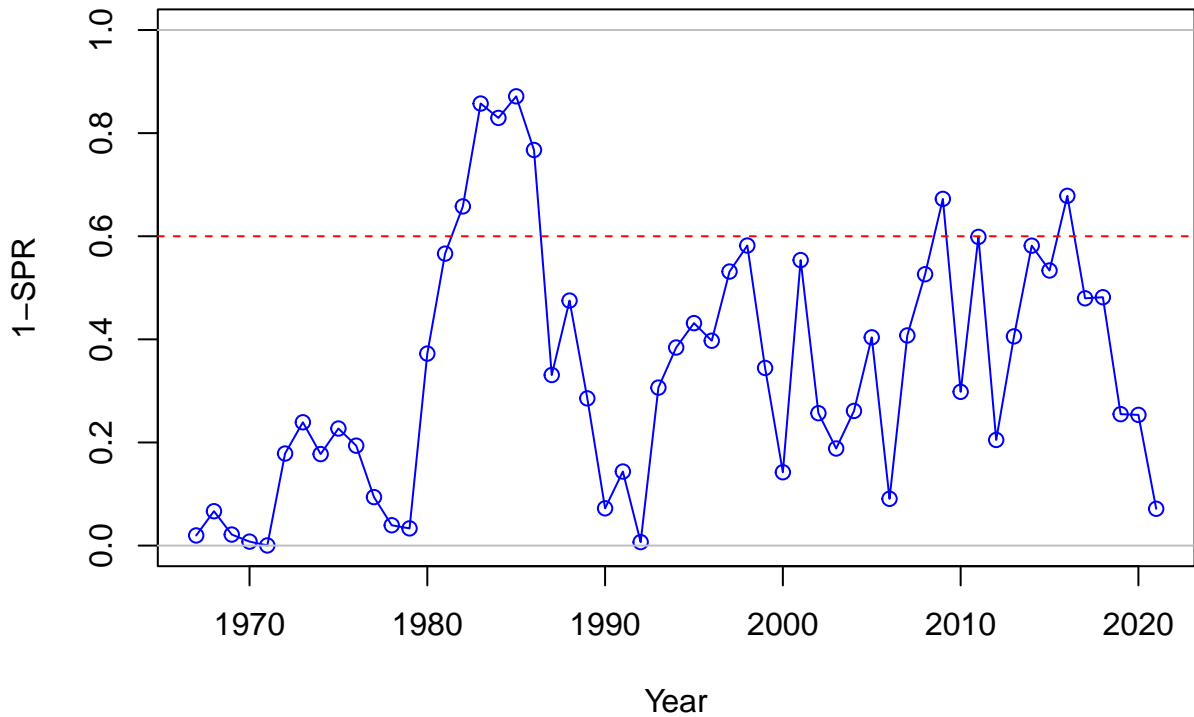




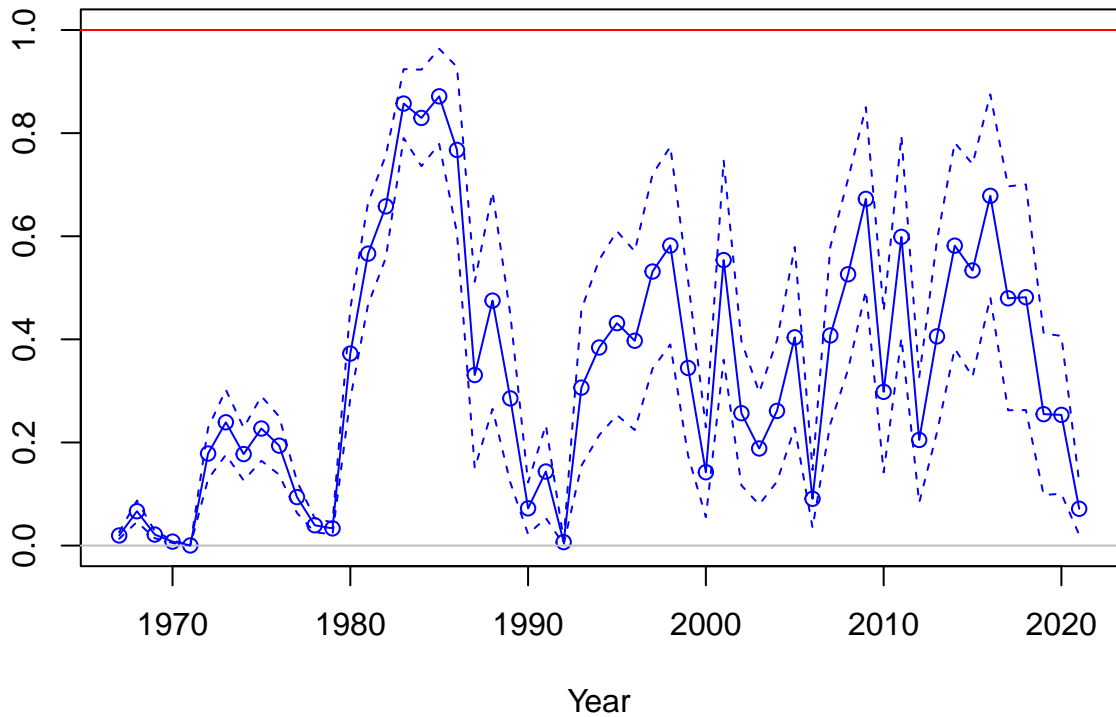


SPR



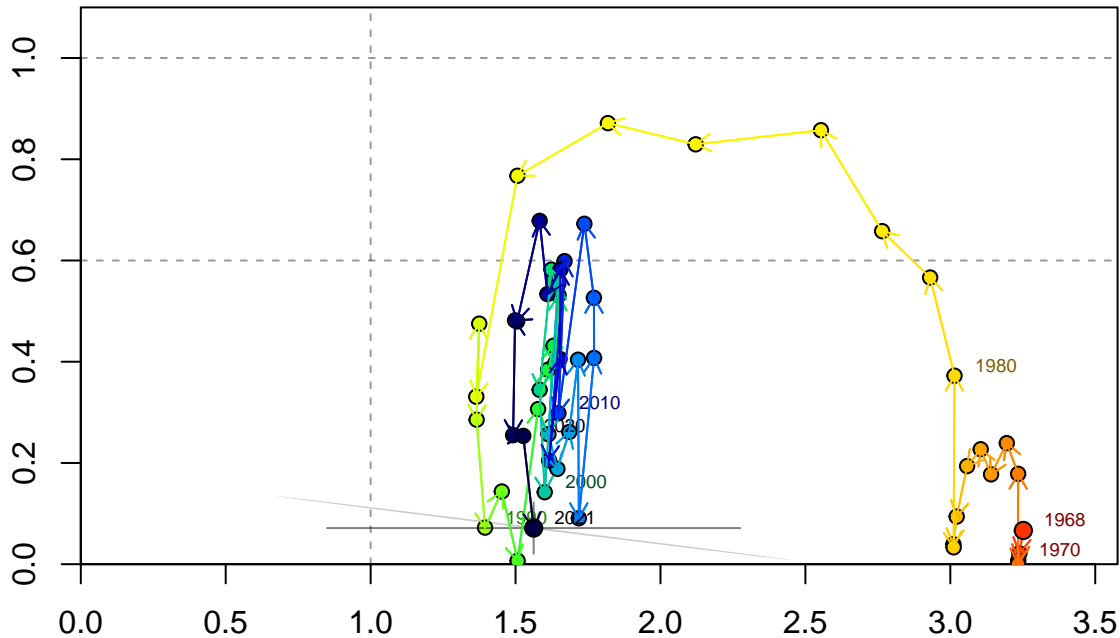


Fishing intensity: 1-SPR

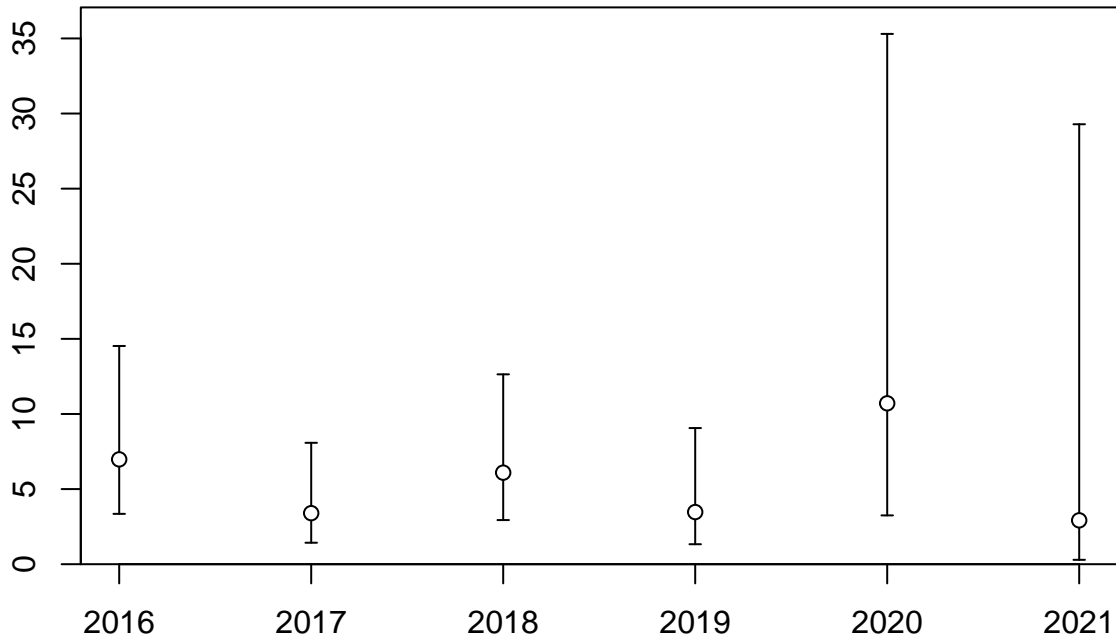




Fishing intensity: 1-SPR

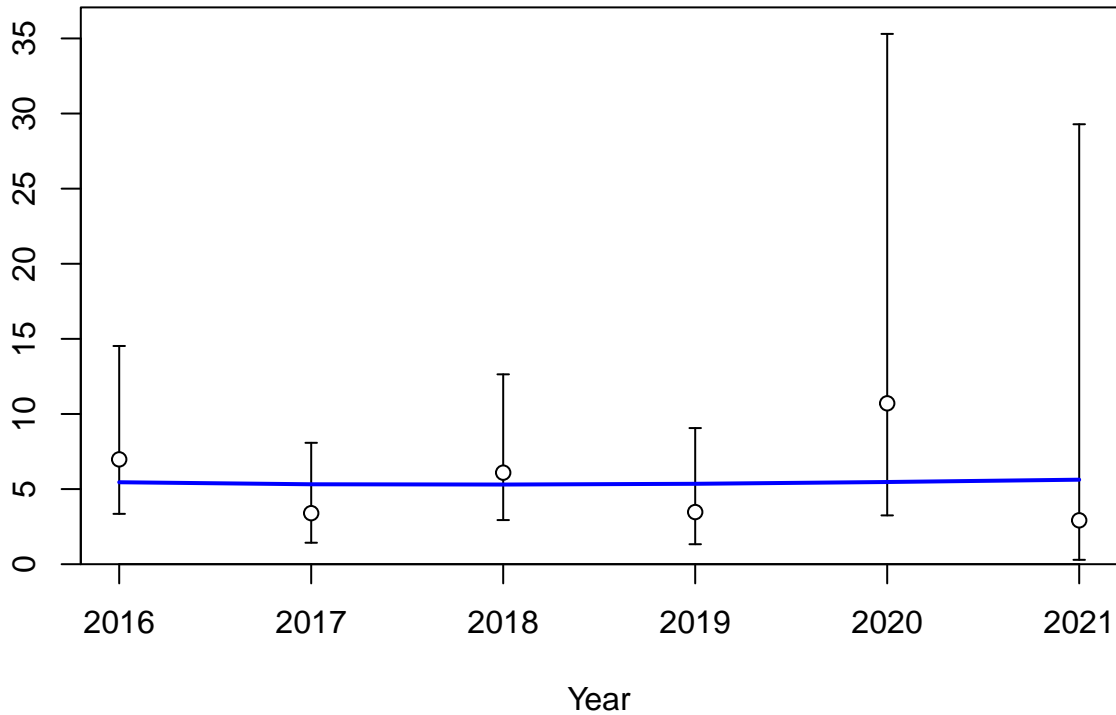


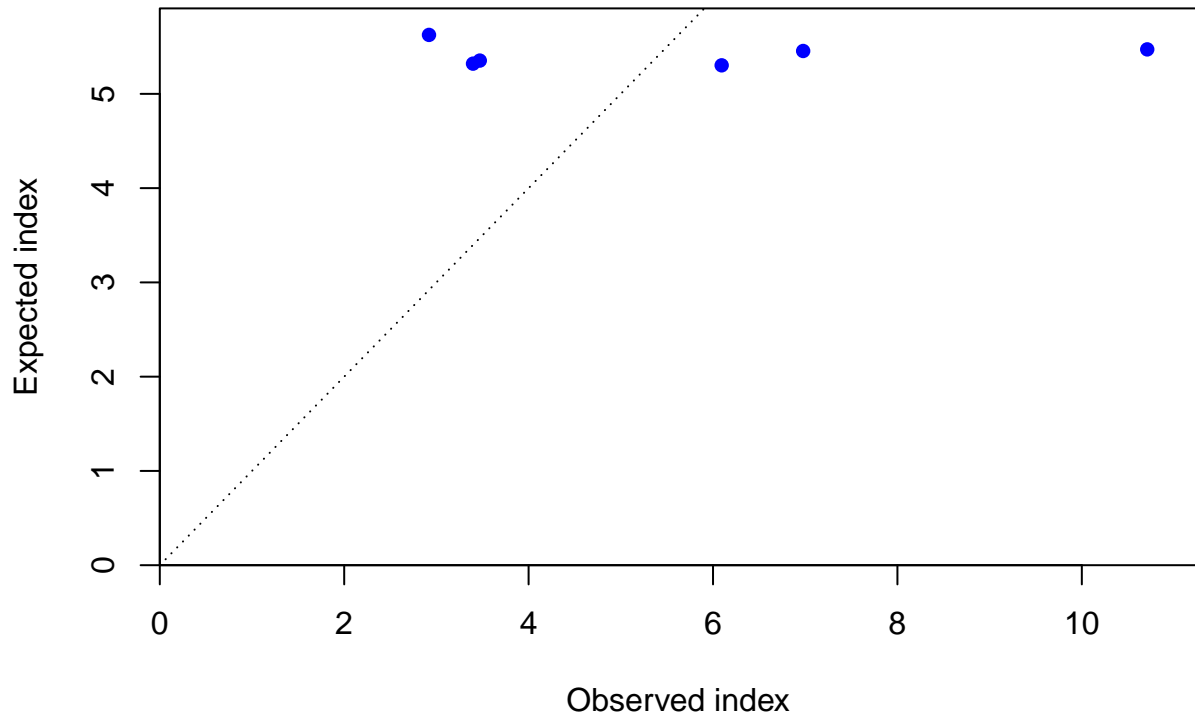
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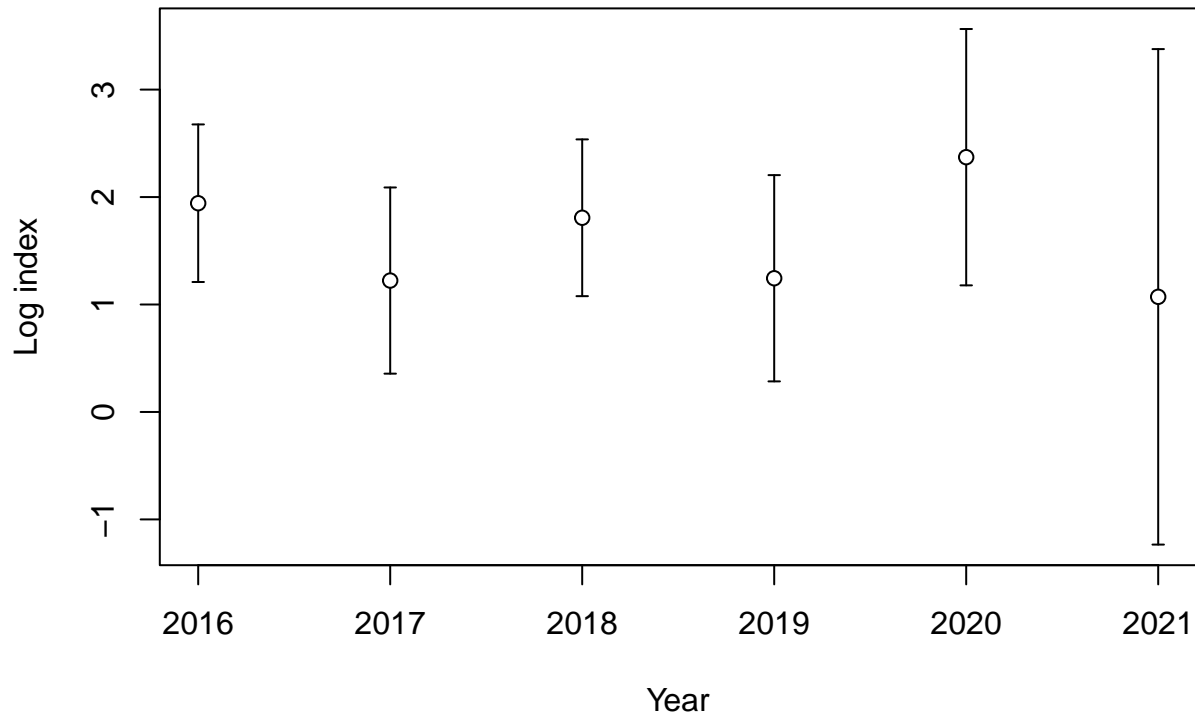


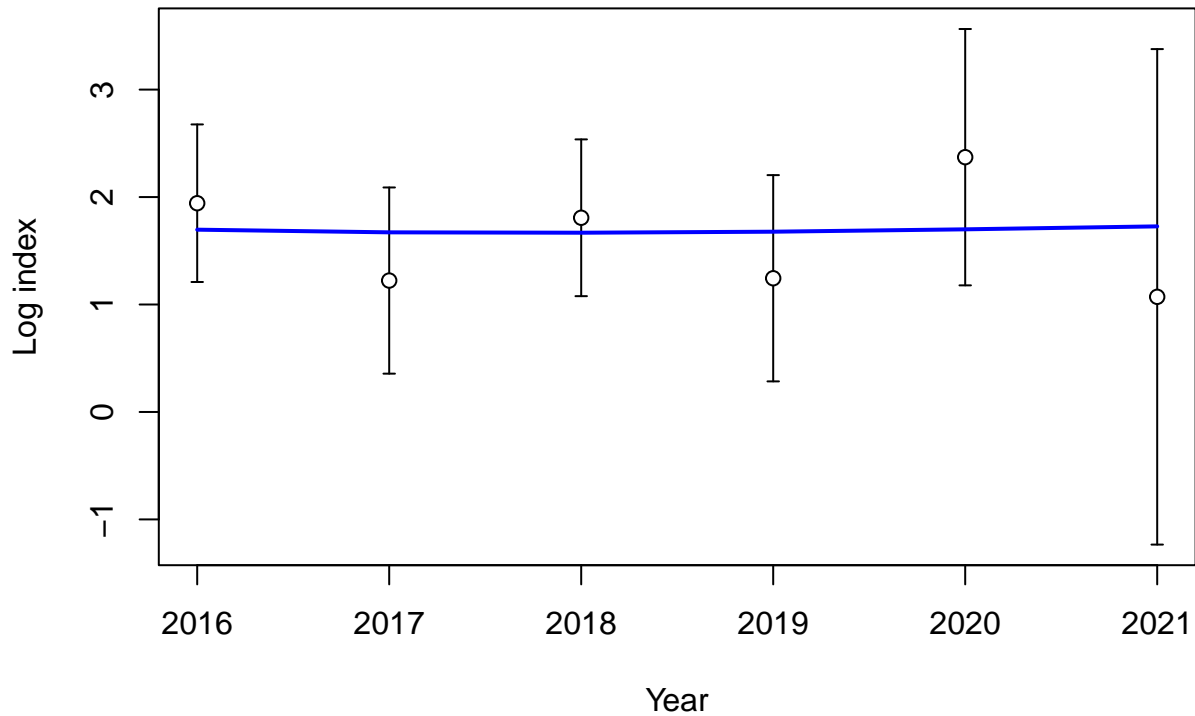
Year

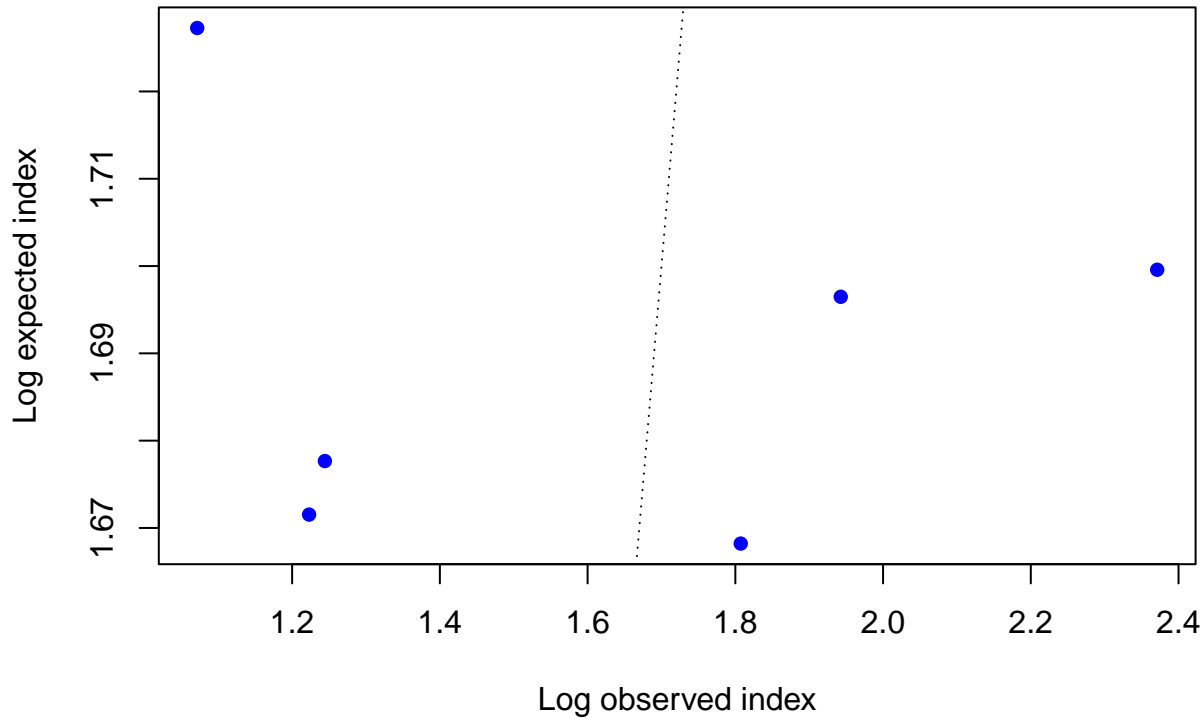
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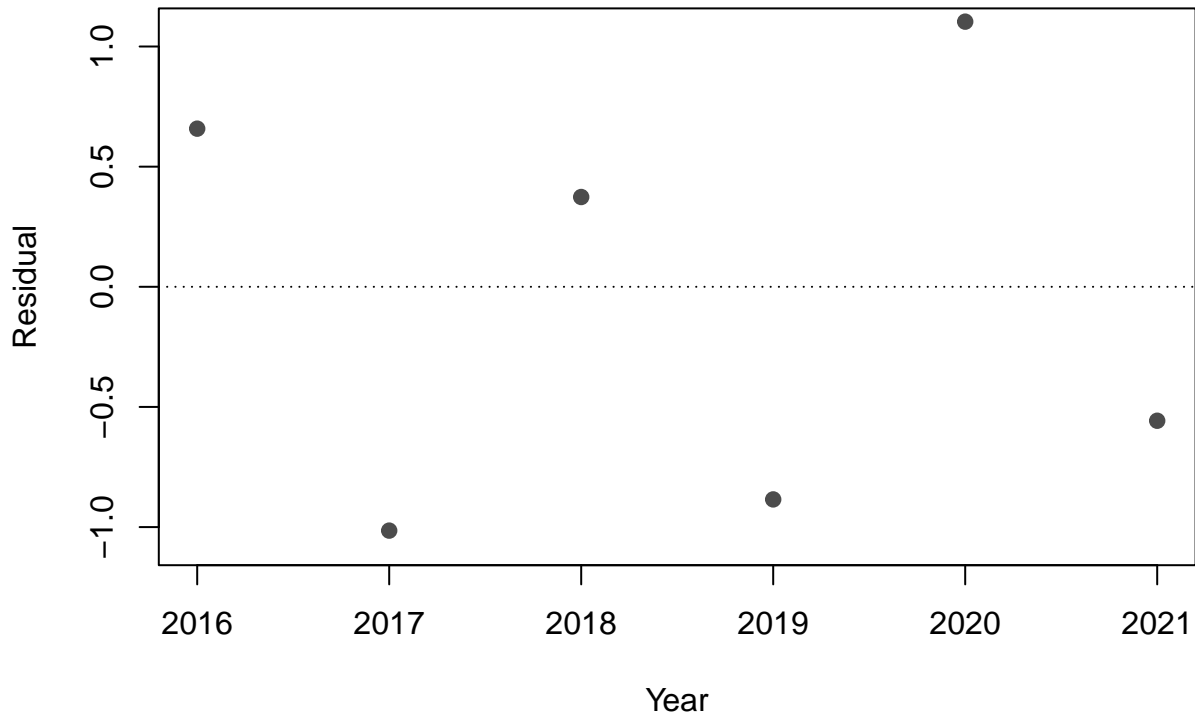




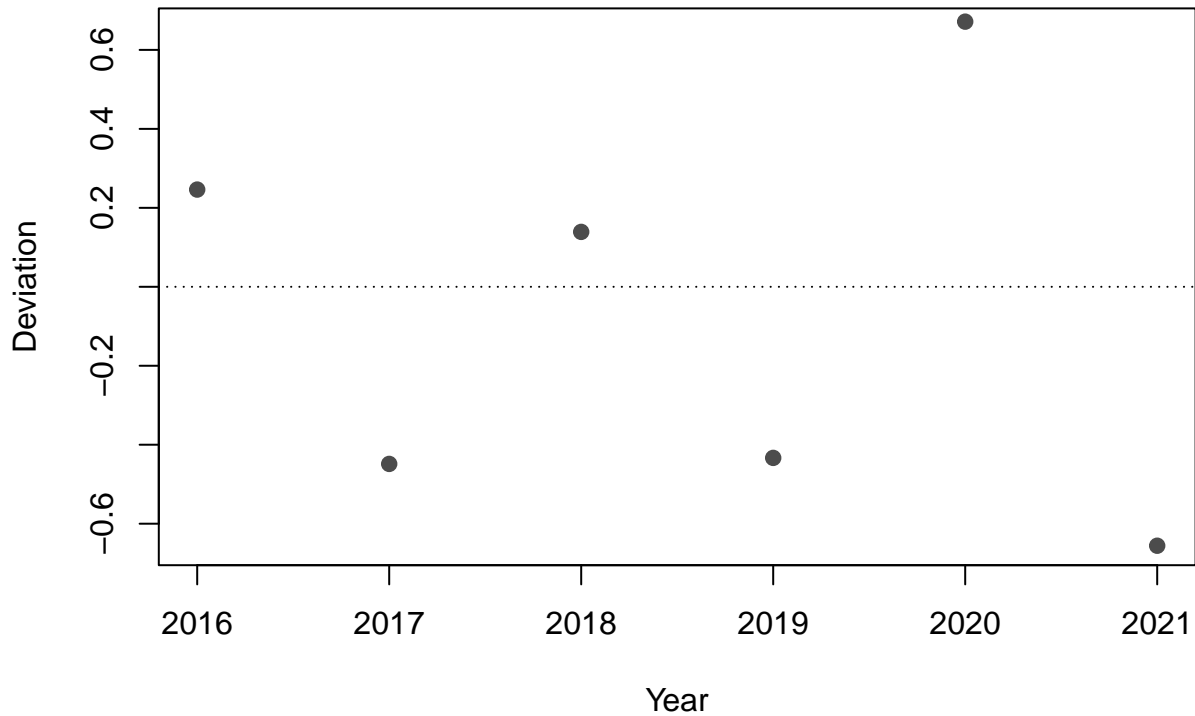


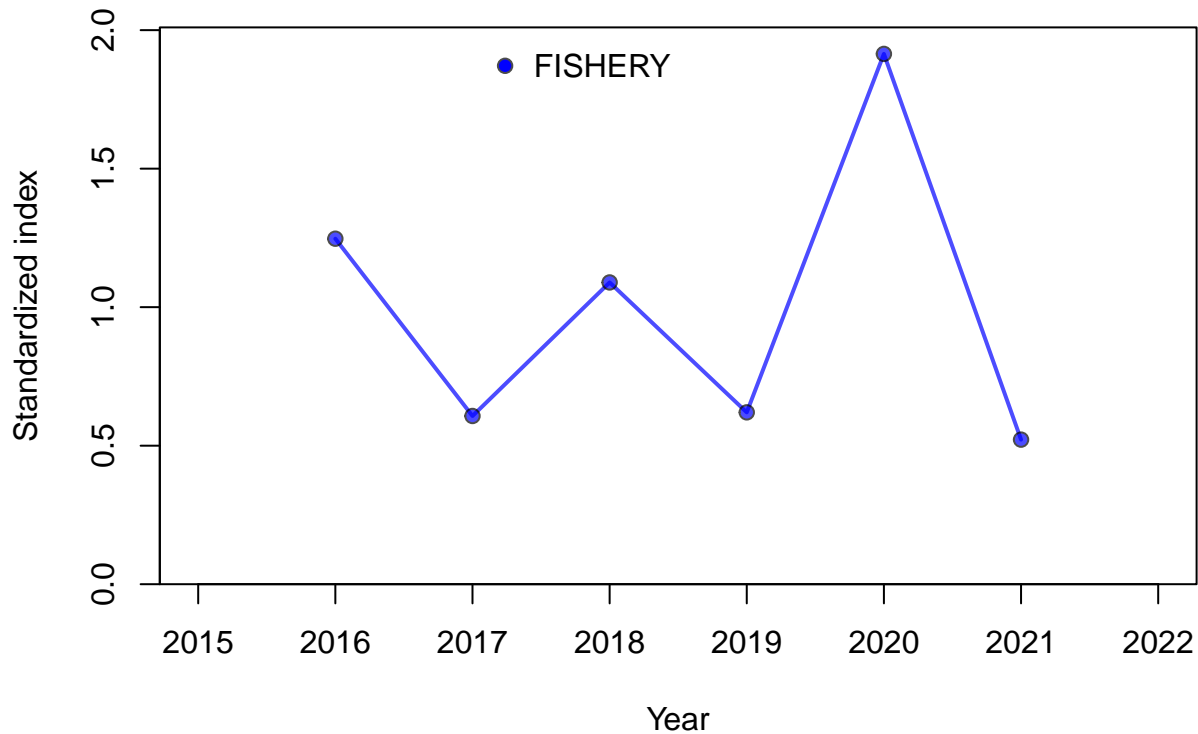


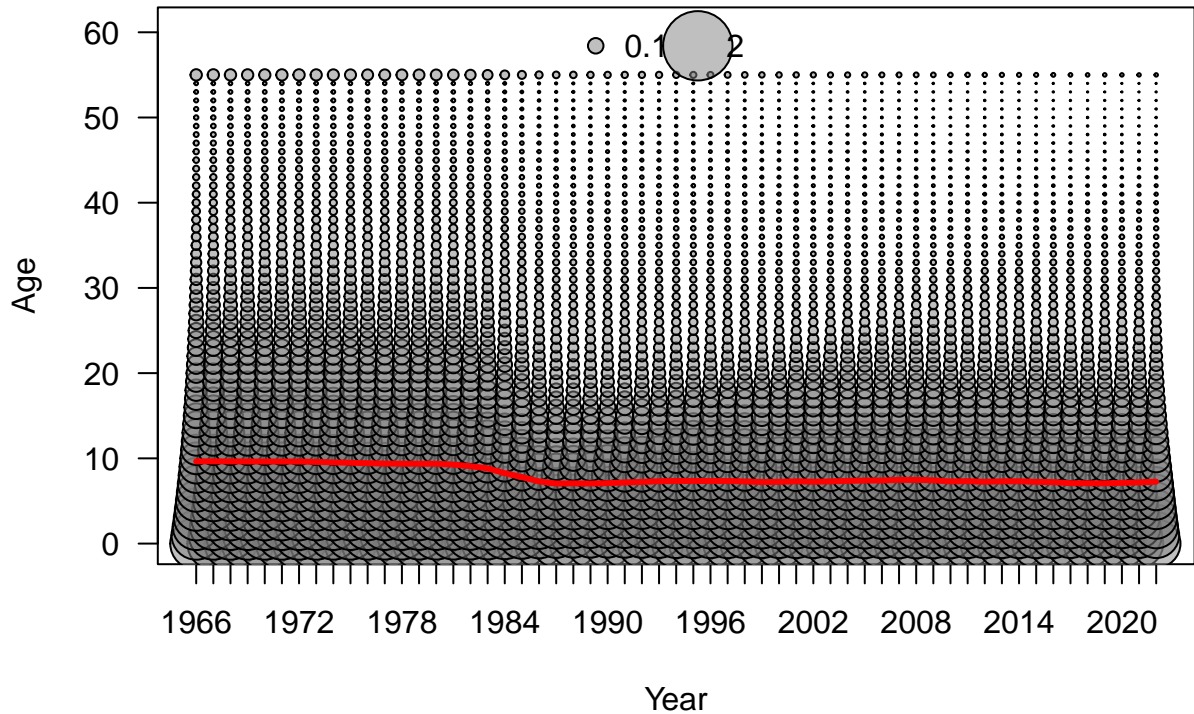


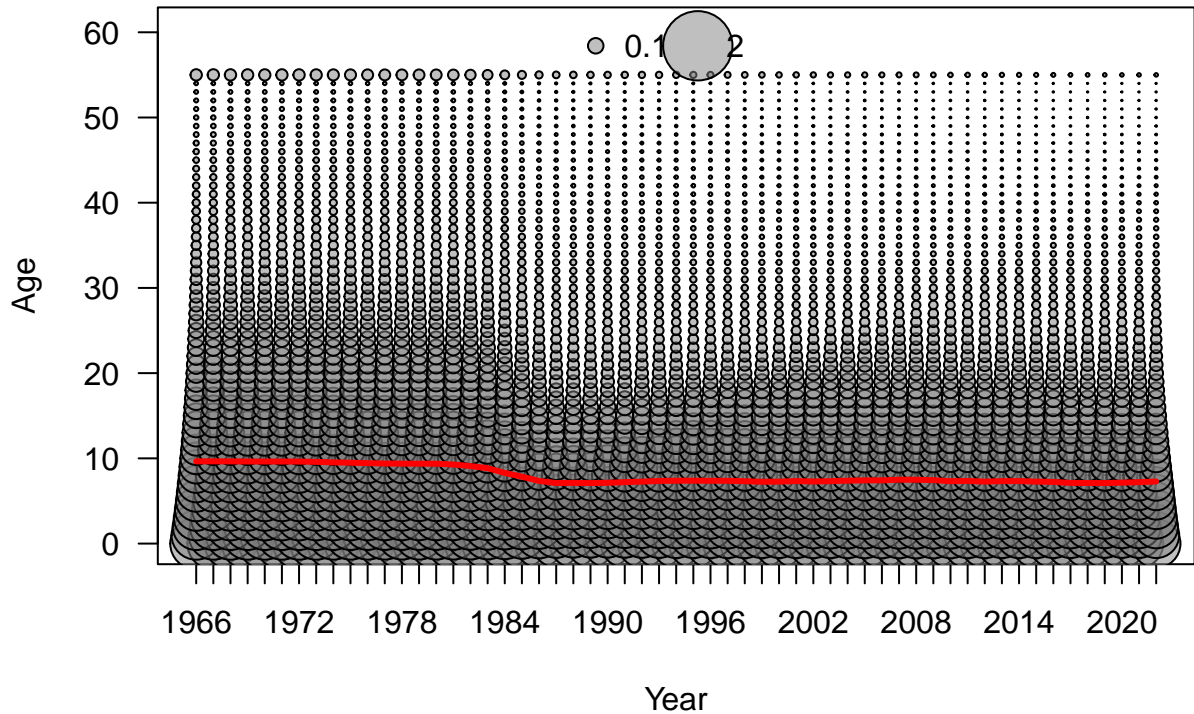


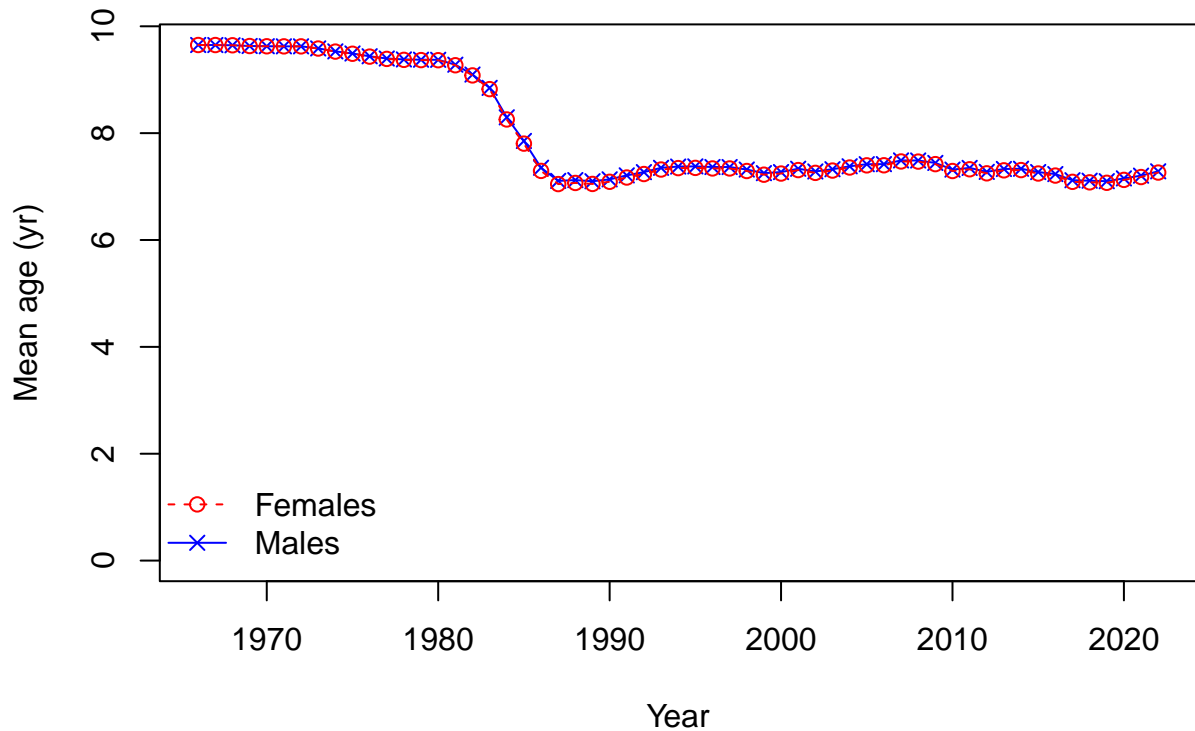


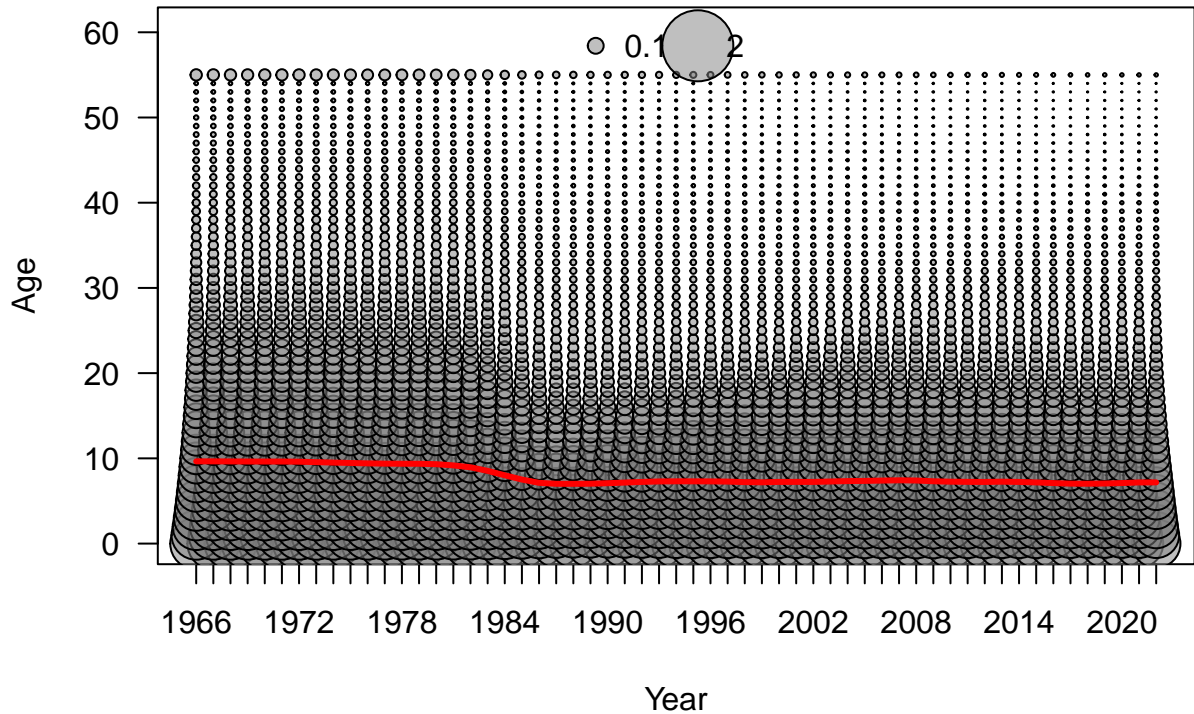


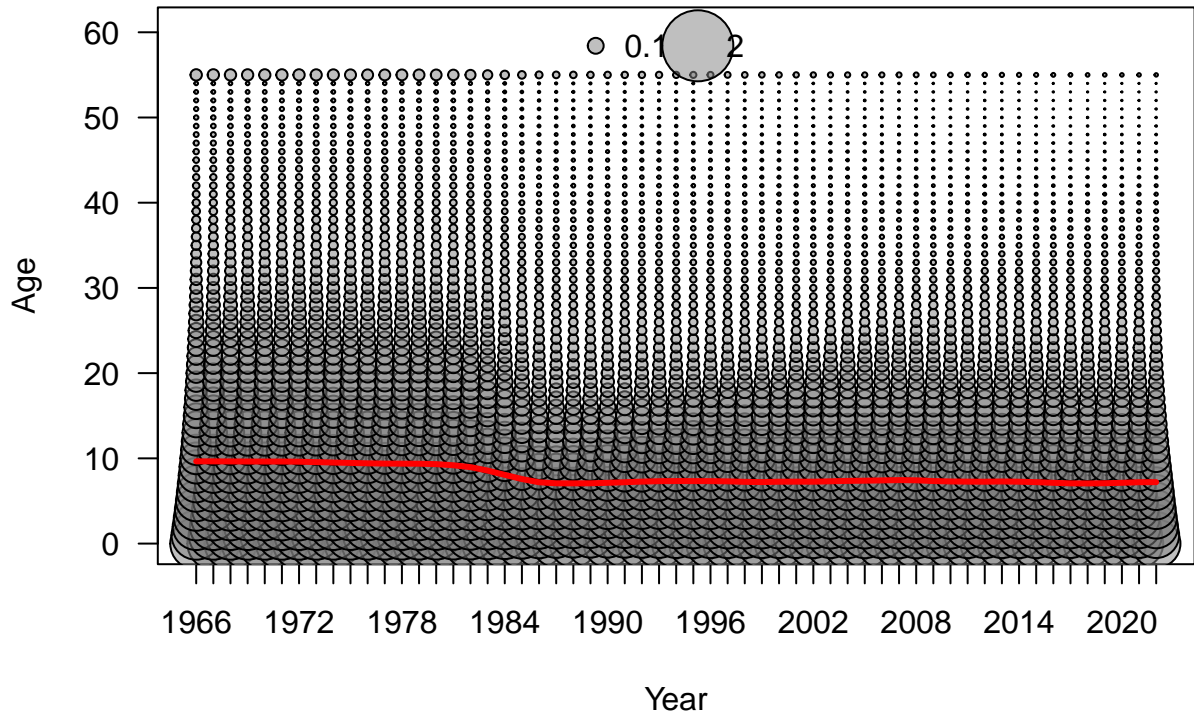


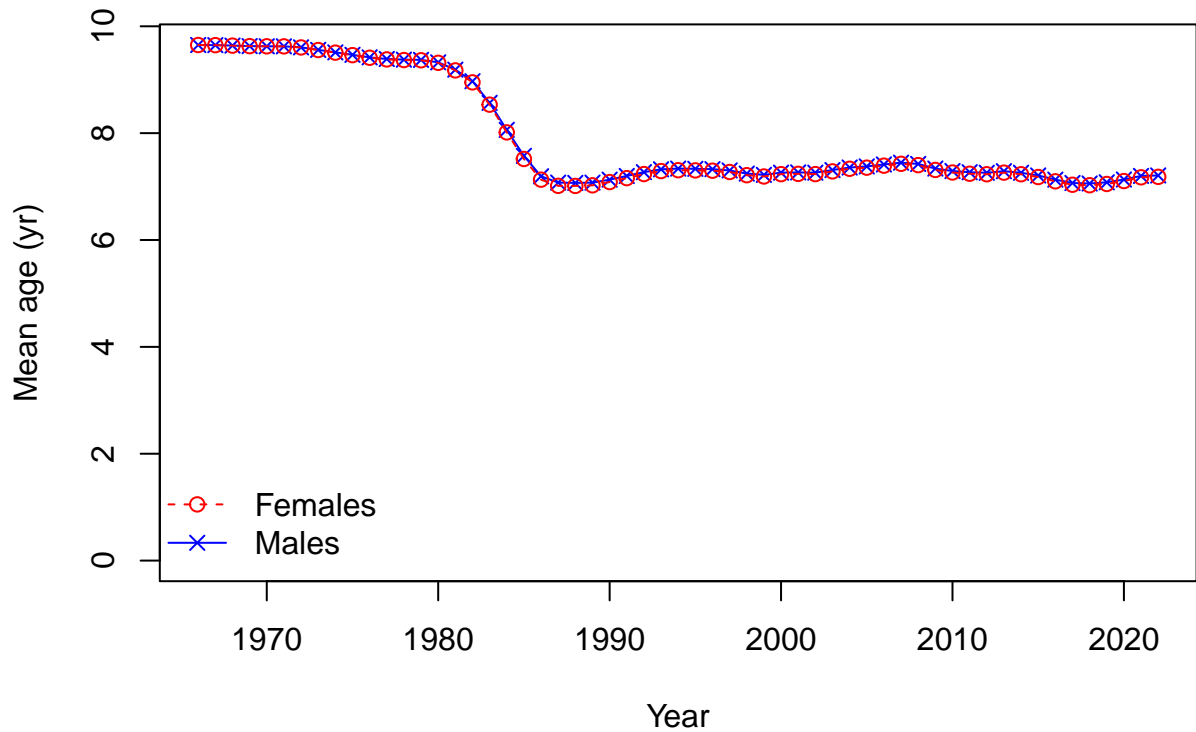




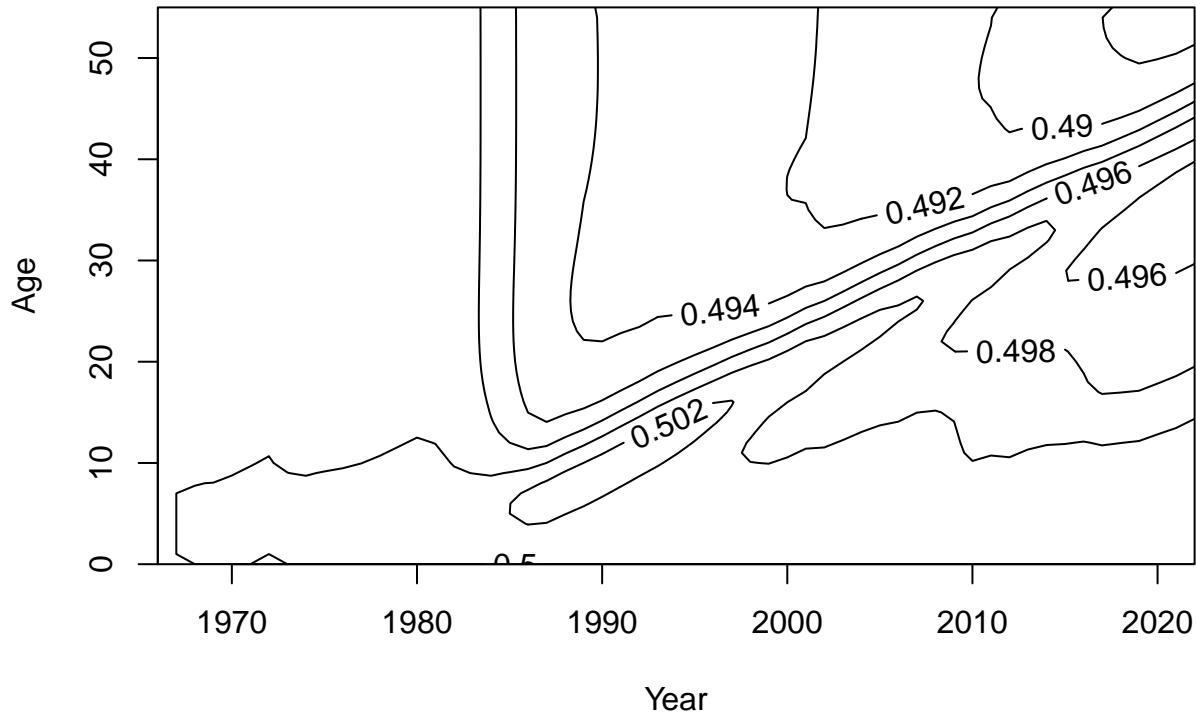


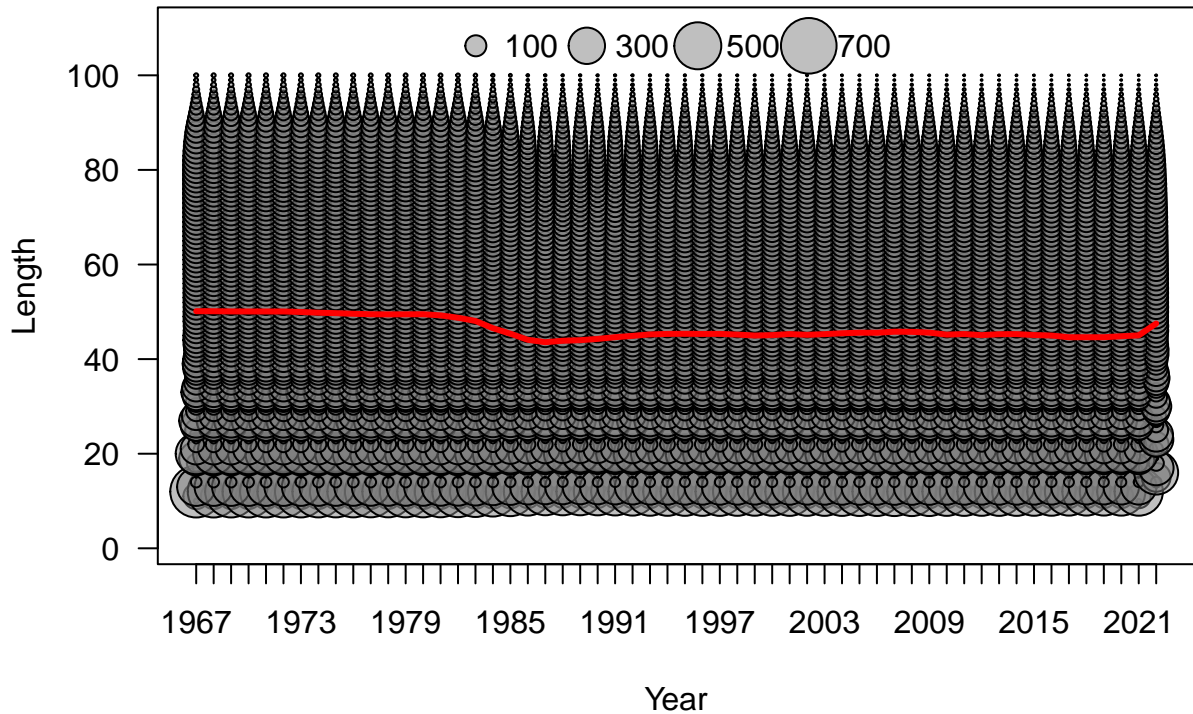


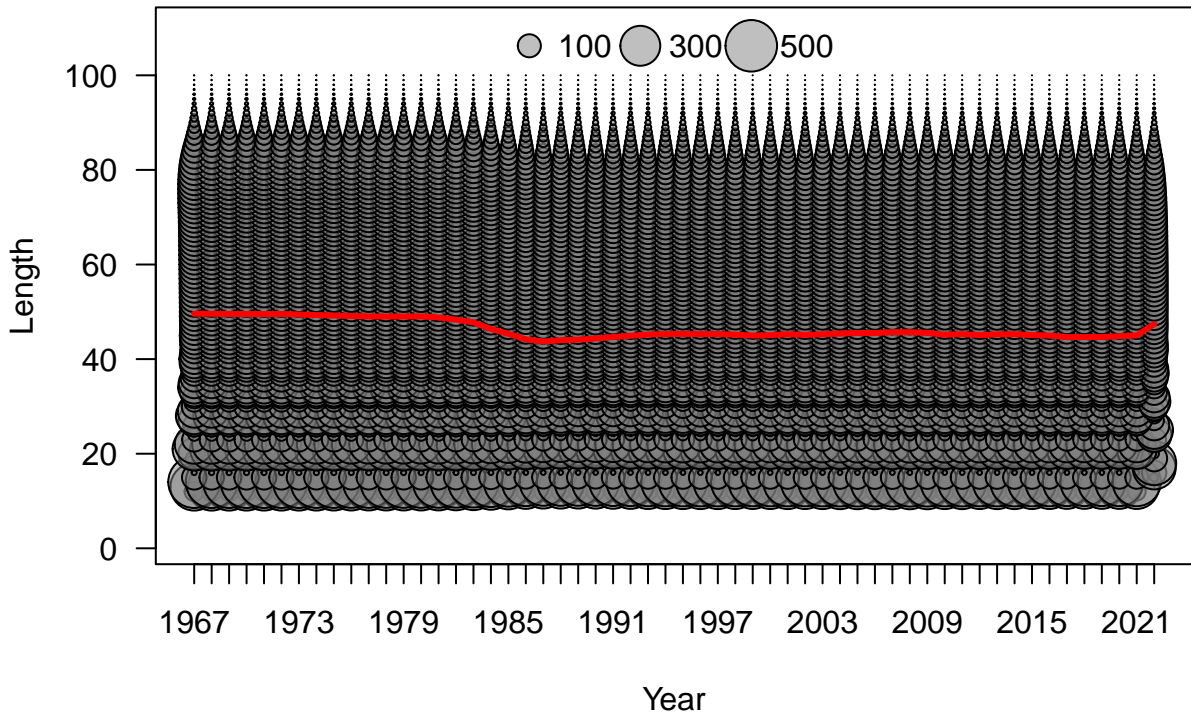


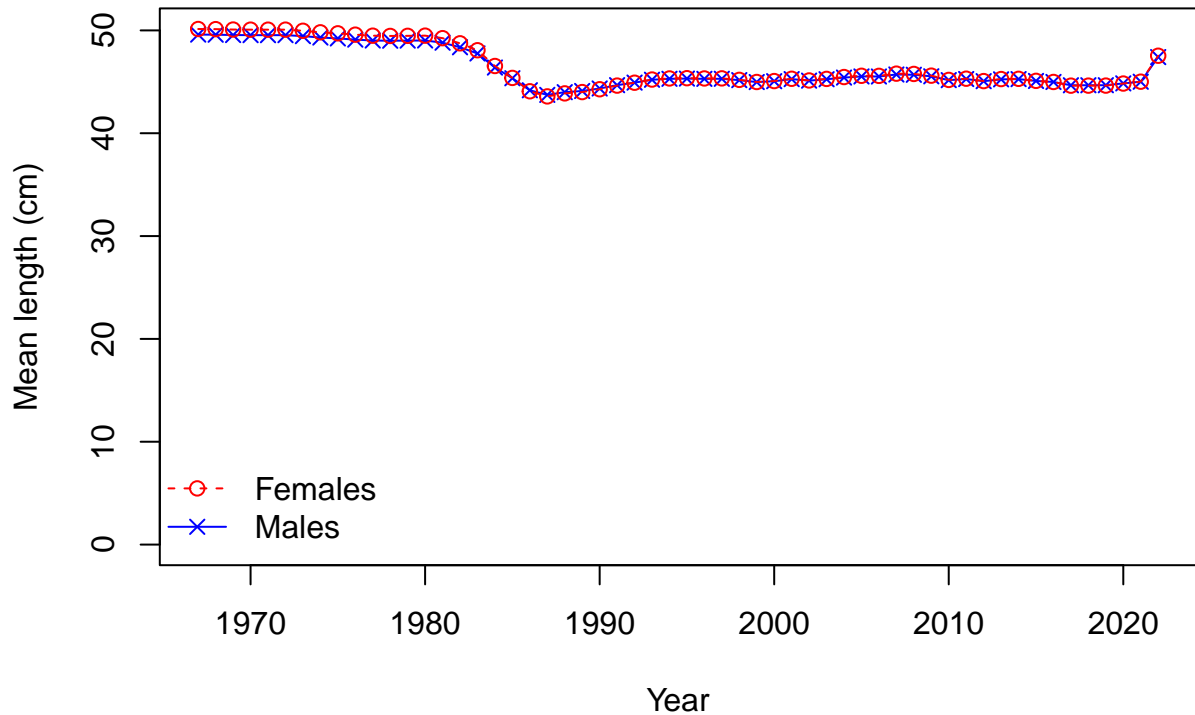


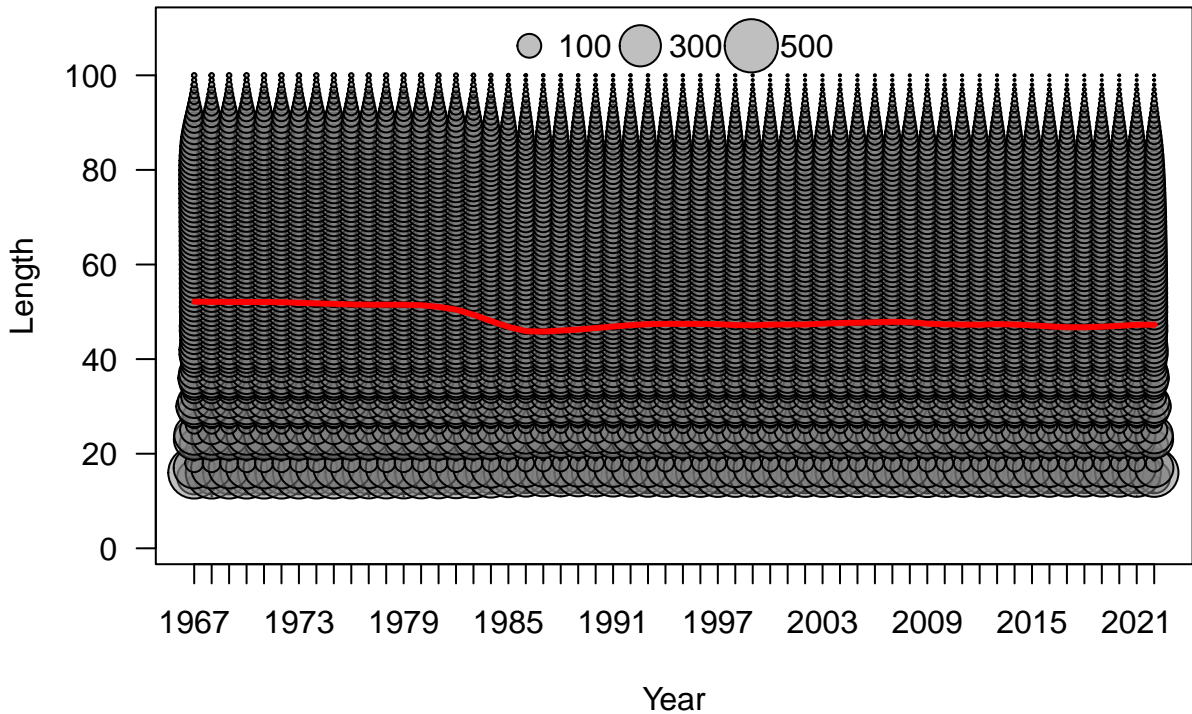


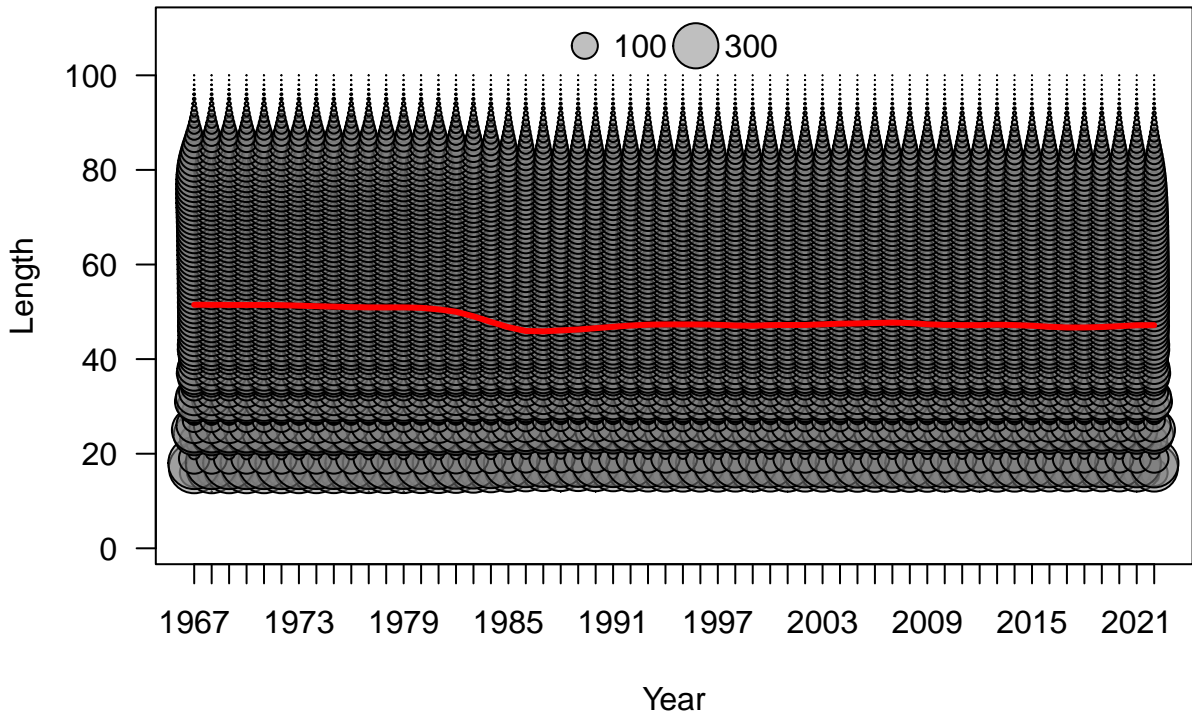


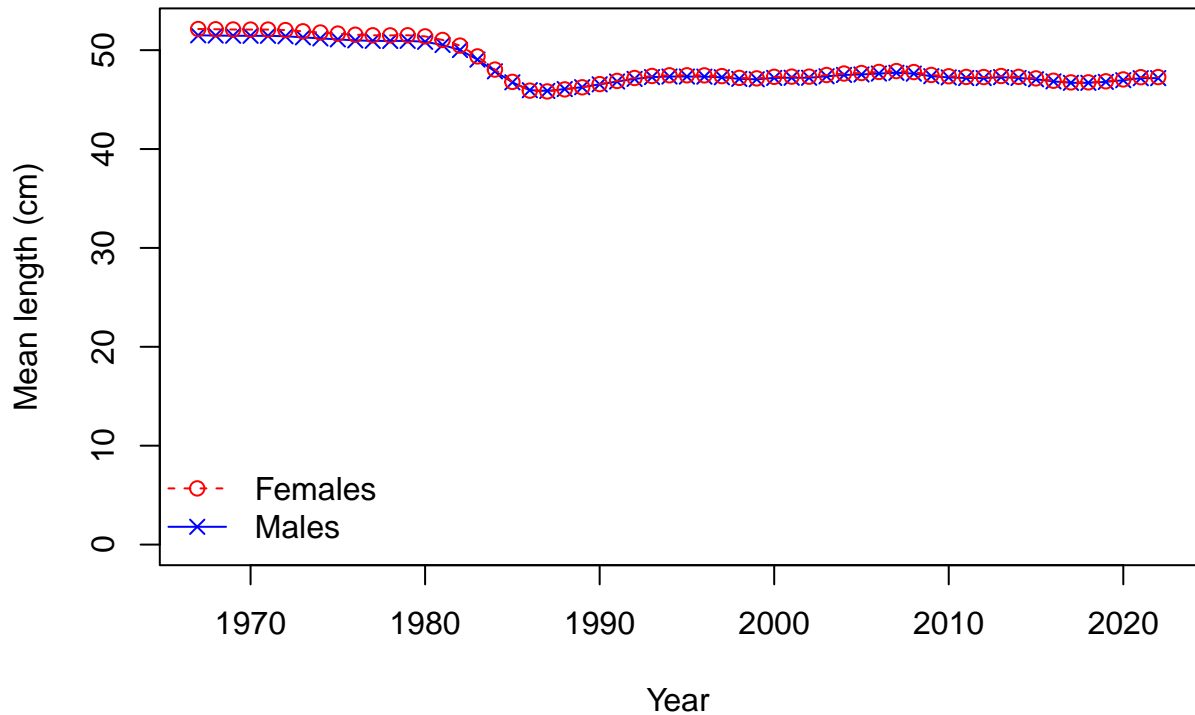


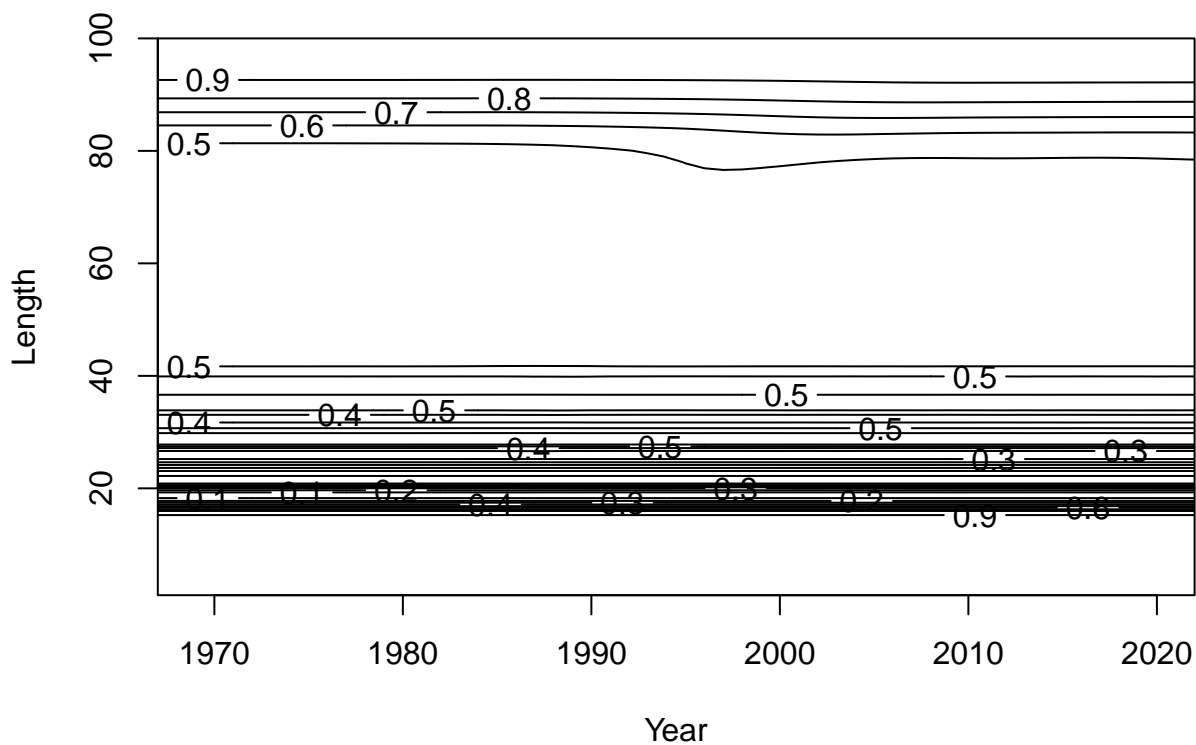




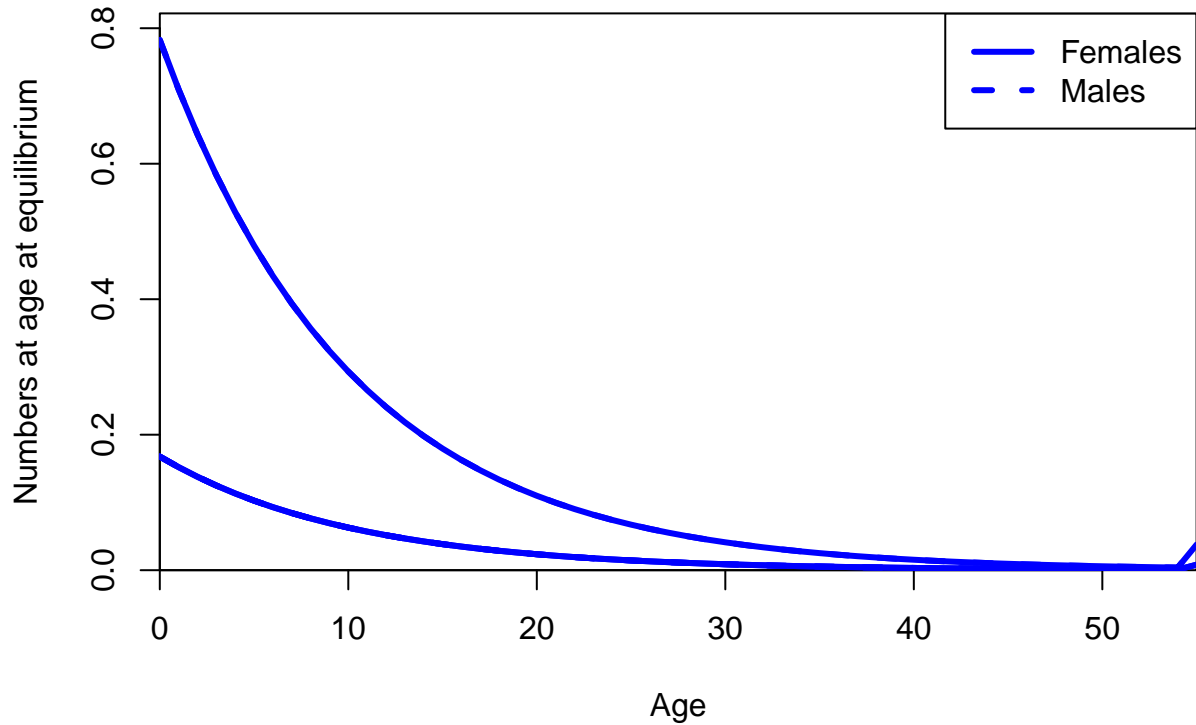


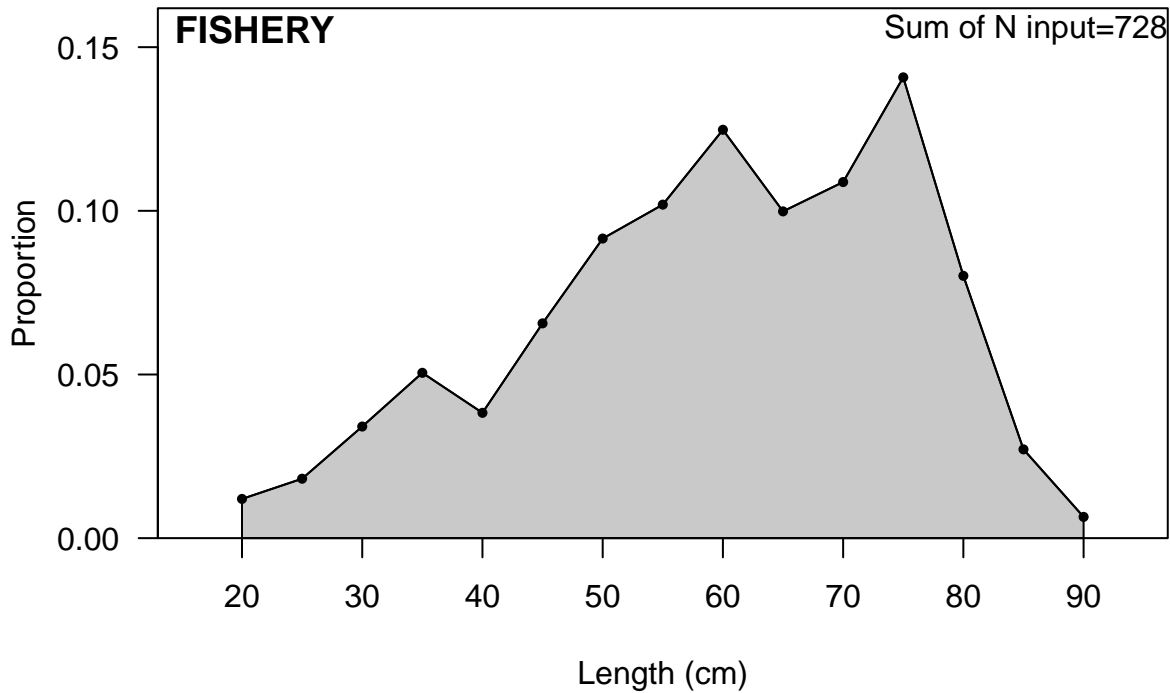


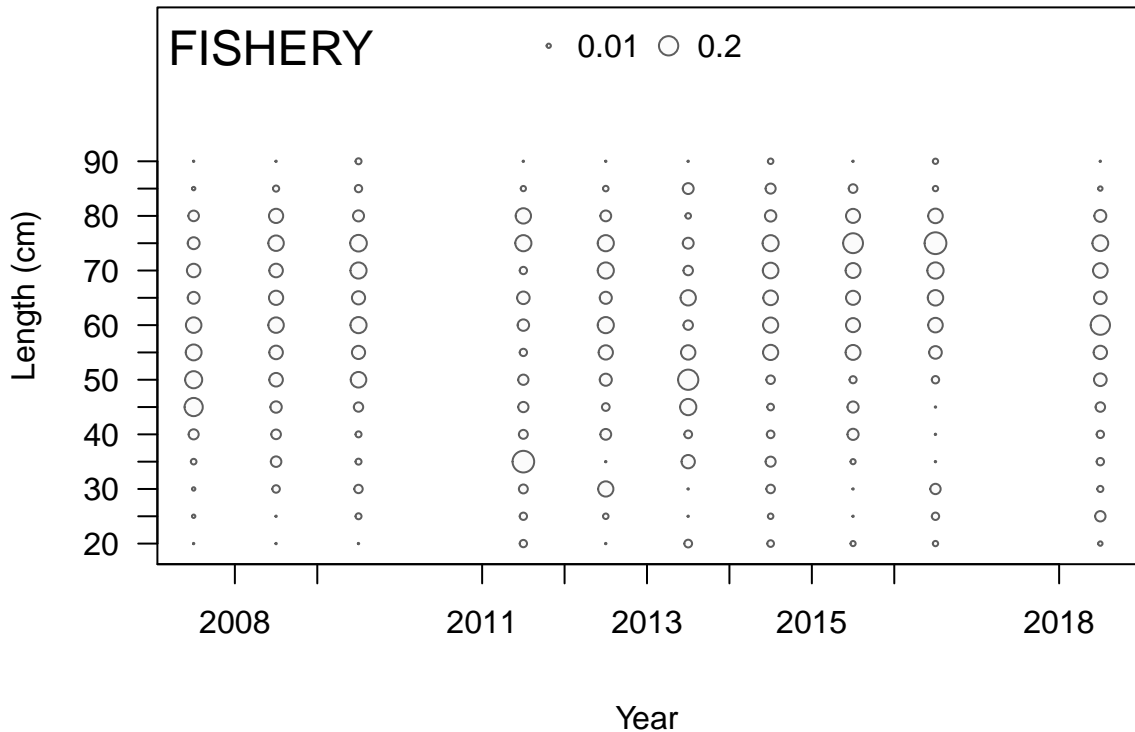




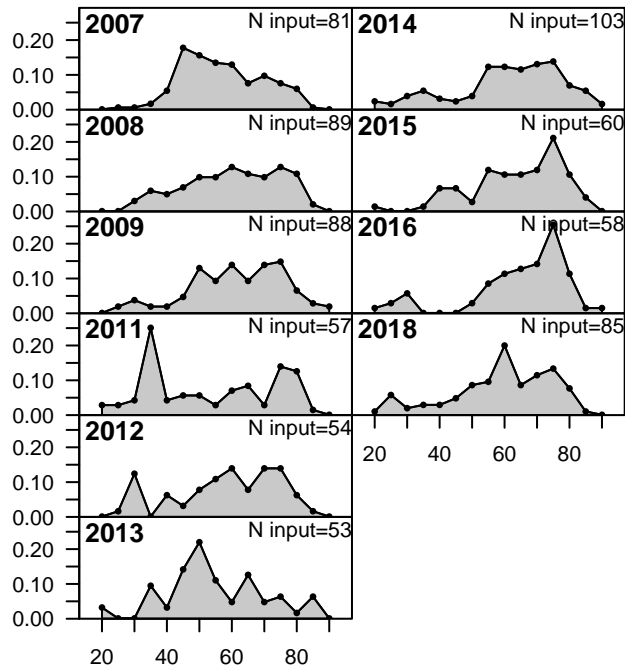




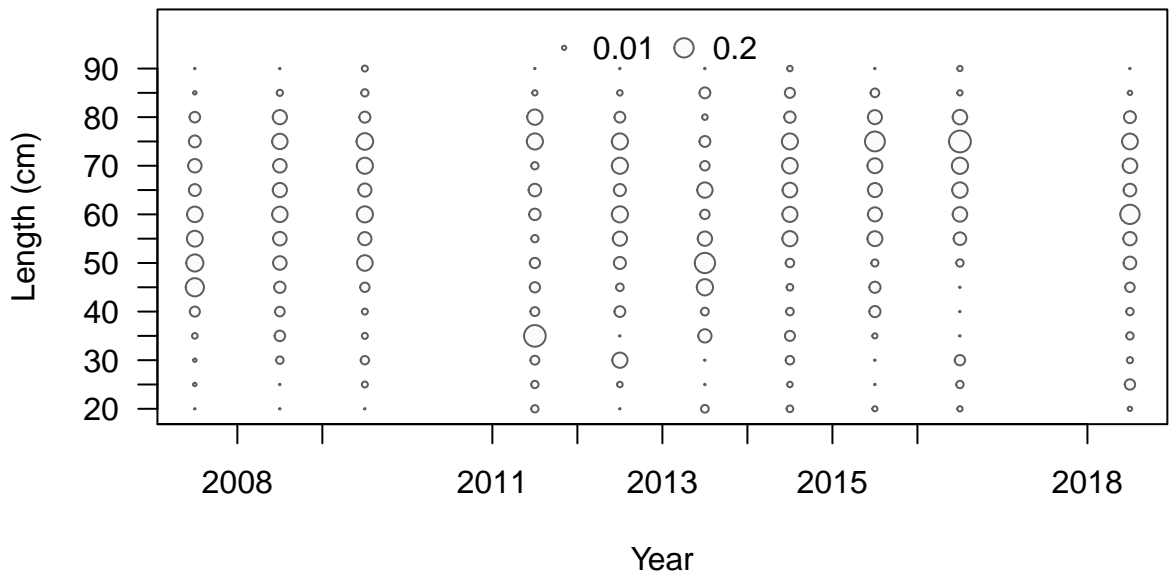




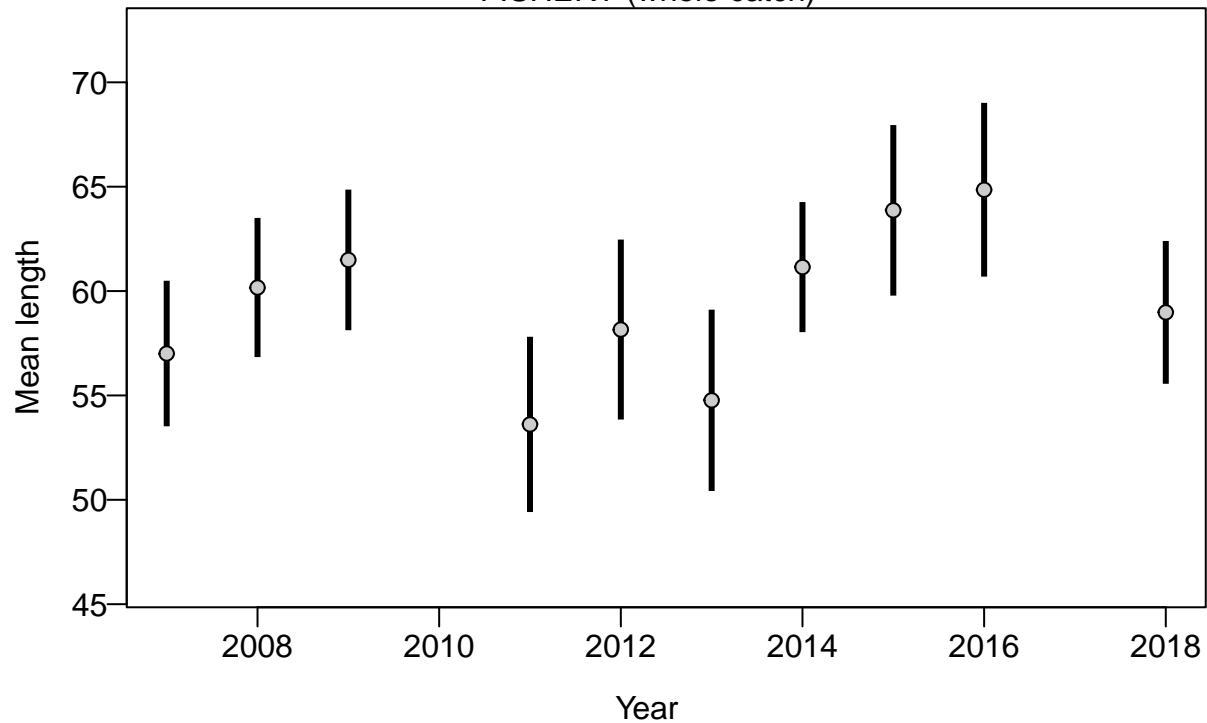
Proportion

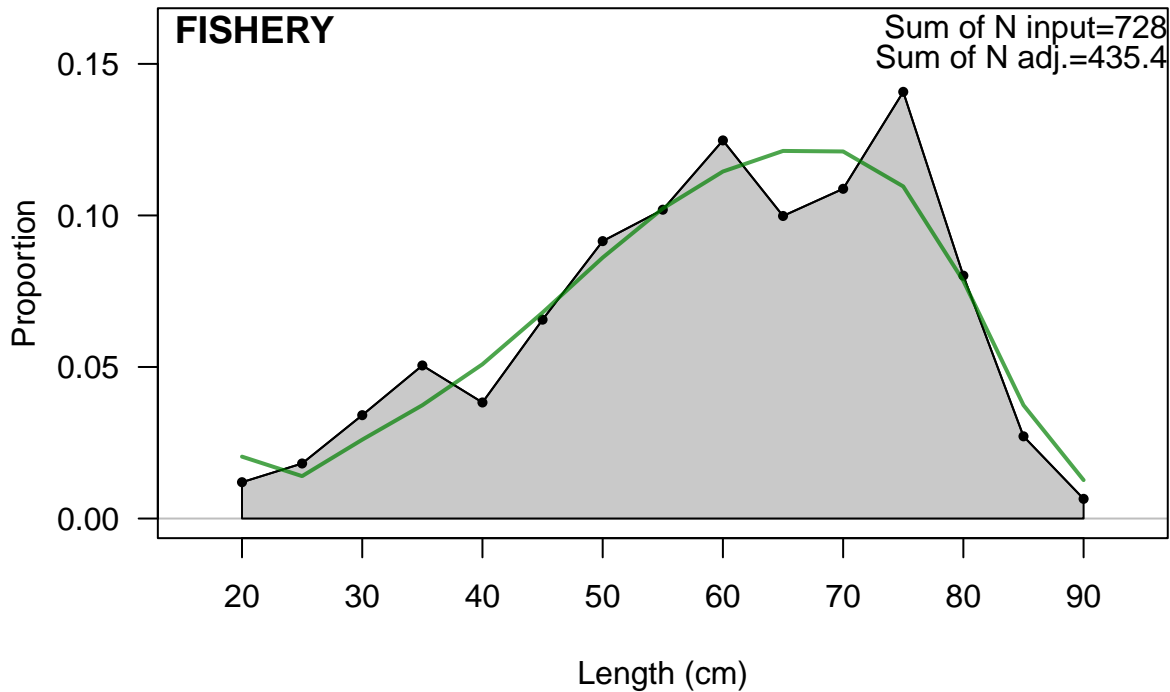


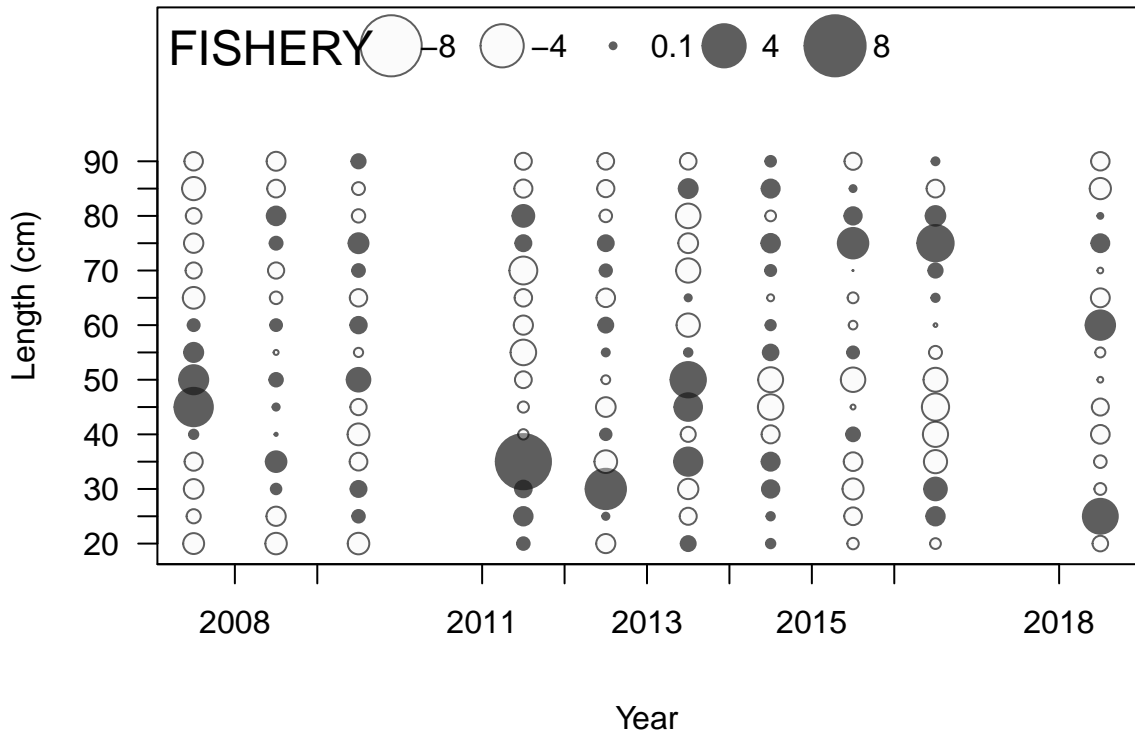
Length (cm)



## FISHERY (whole catch)

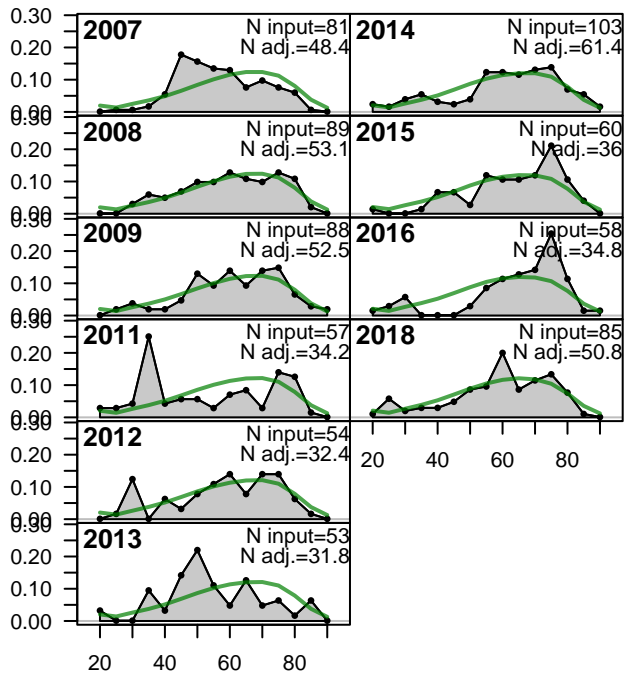




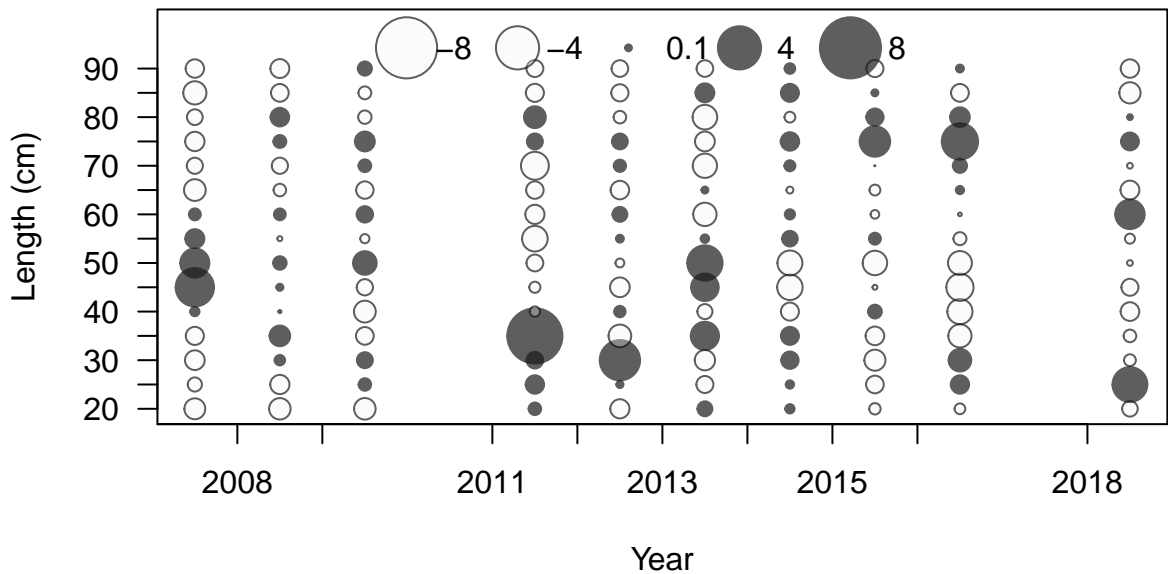




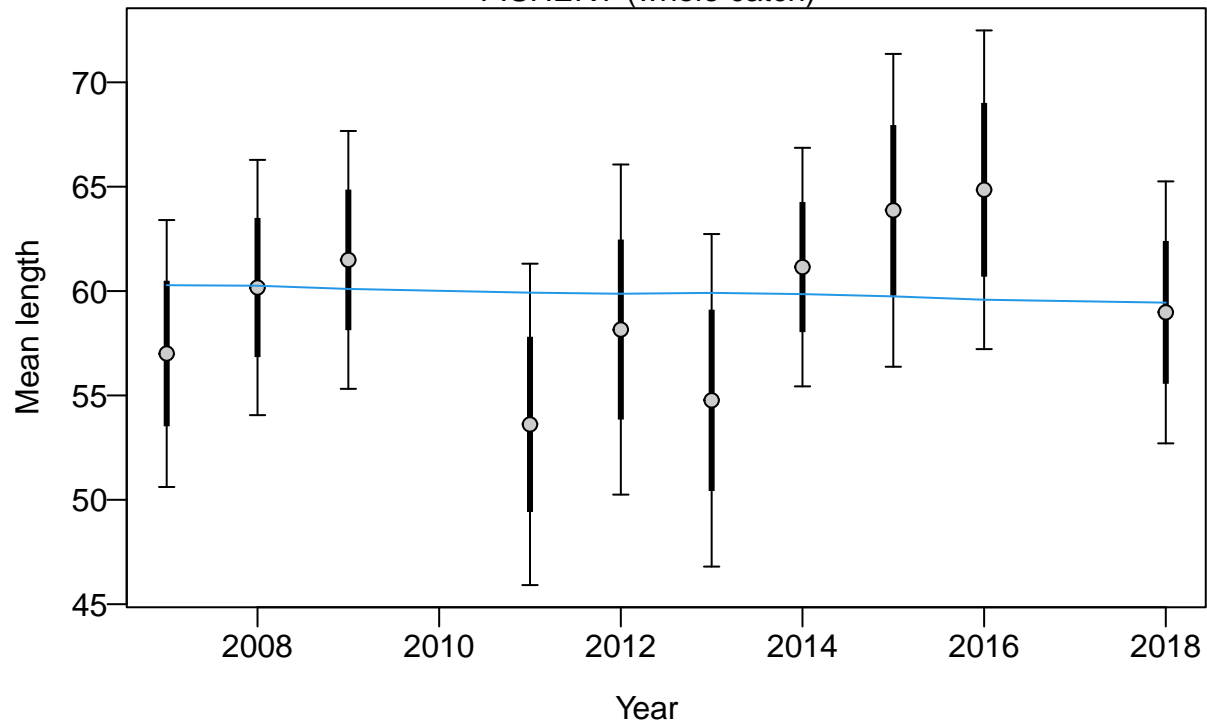
Proportion

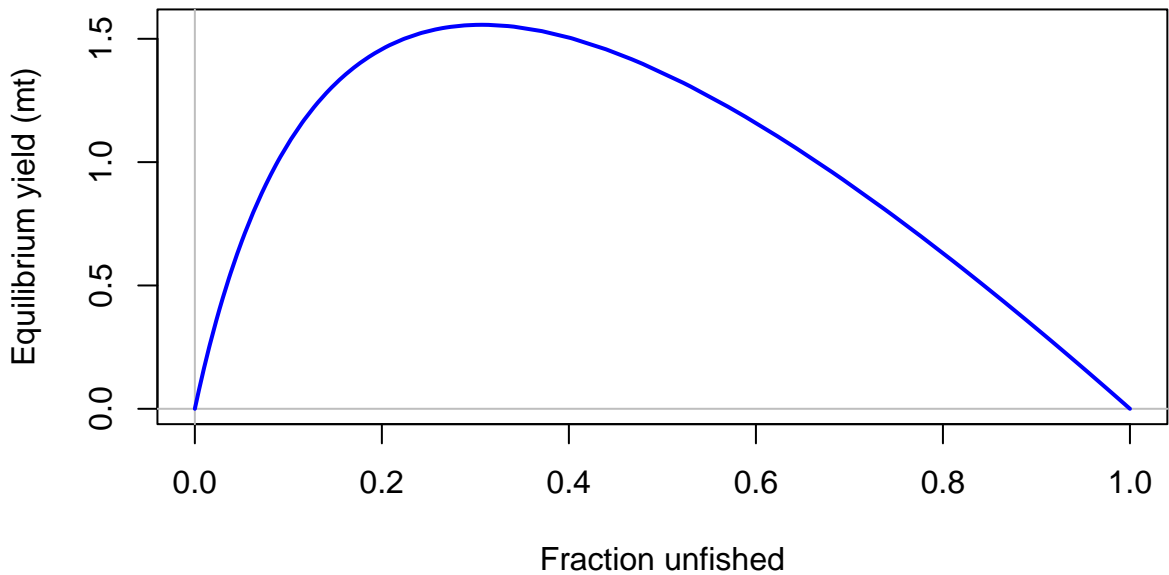


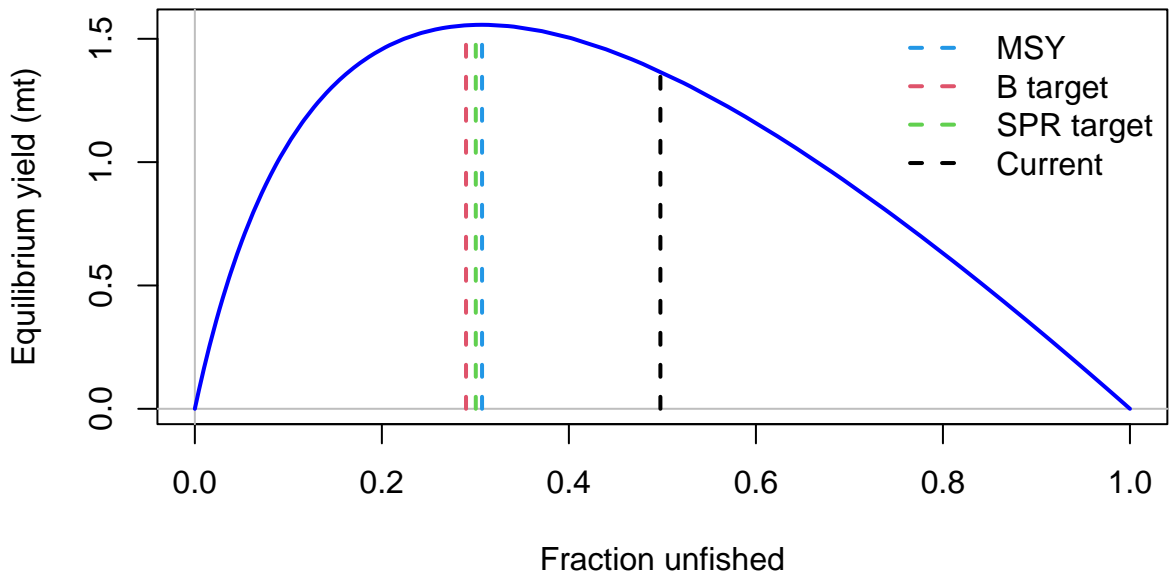
Length (cm)

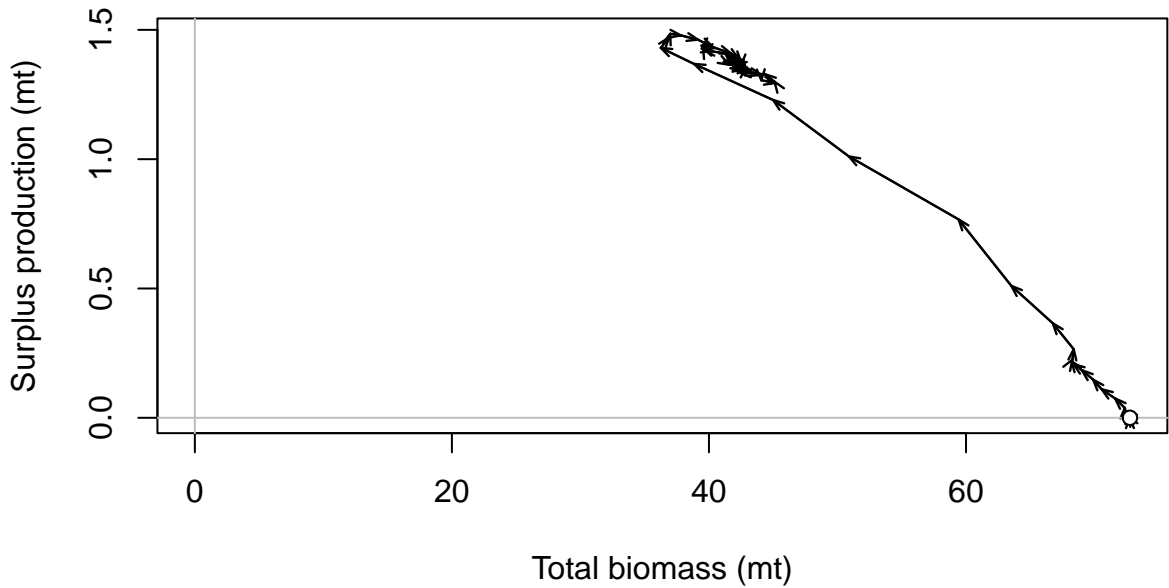


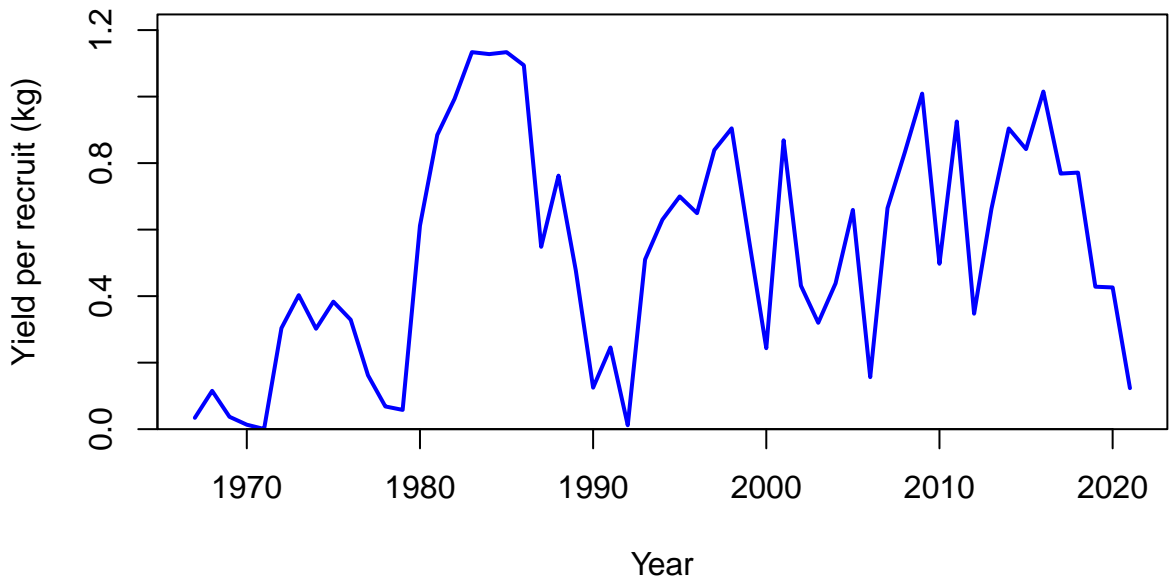
## FISHERY (whole catch)

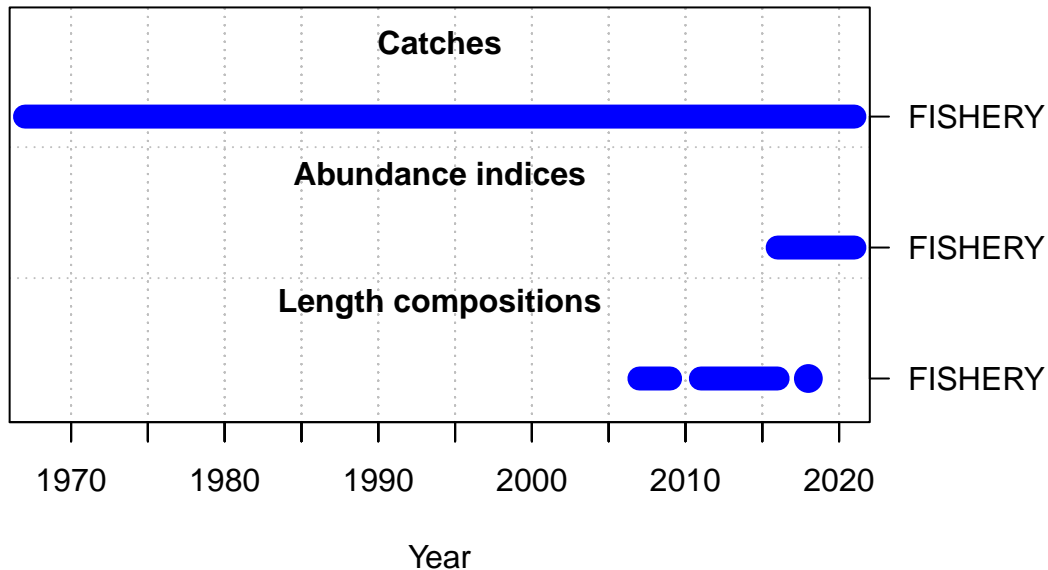




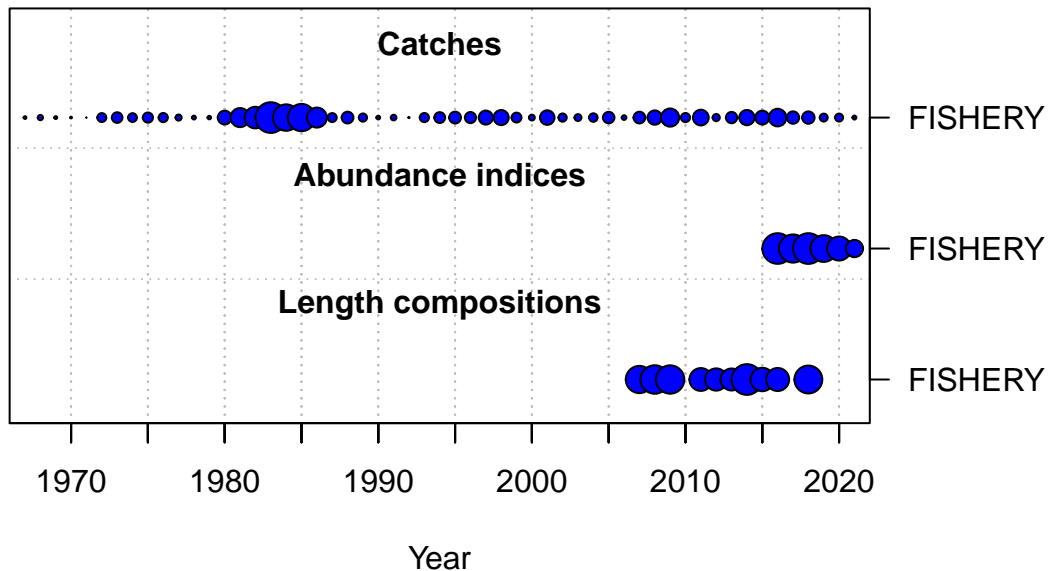








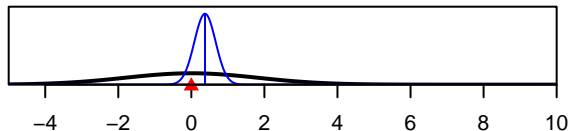




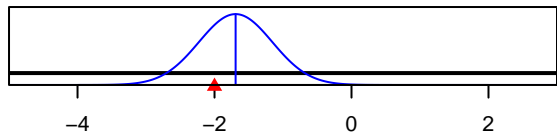
SR\_LN(R0)



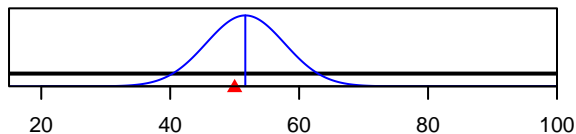
ln(DM\_theta)\_1



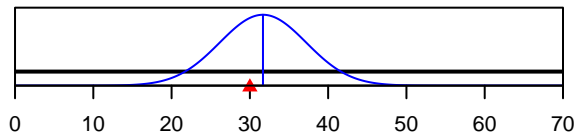
LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Size\_95%width\_FISHERY(1)



Parameter value