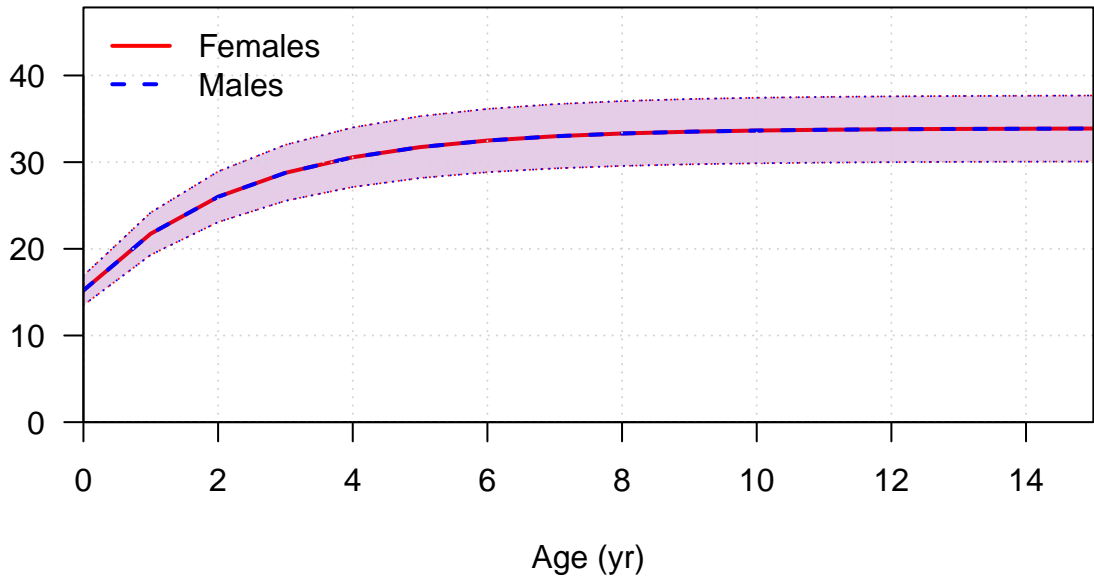
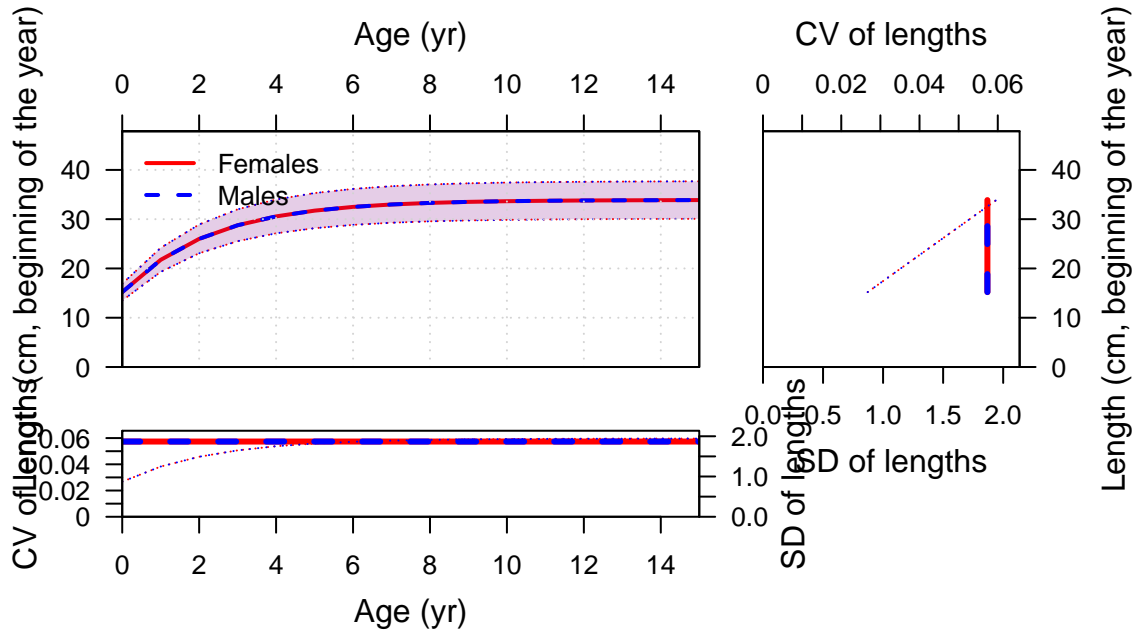
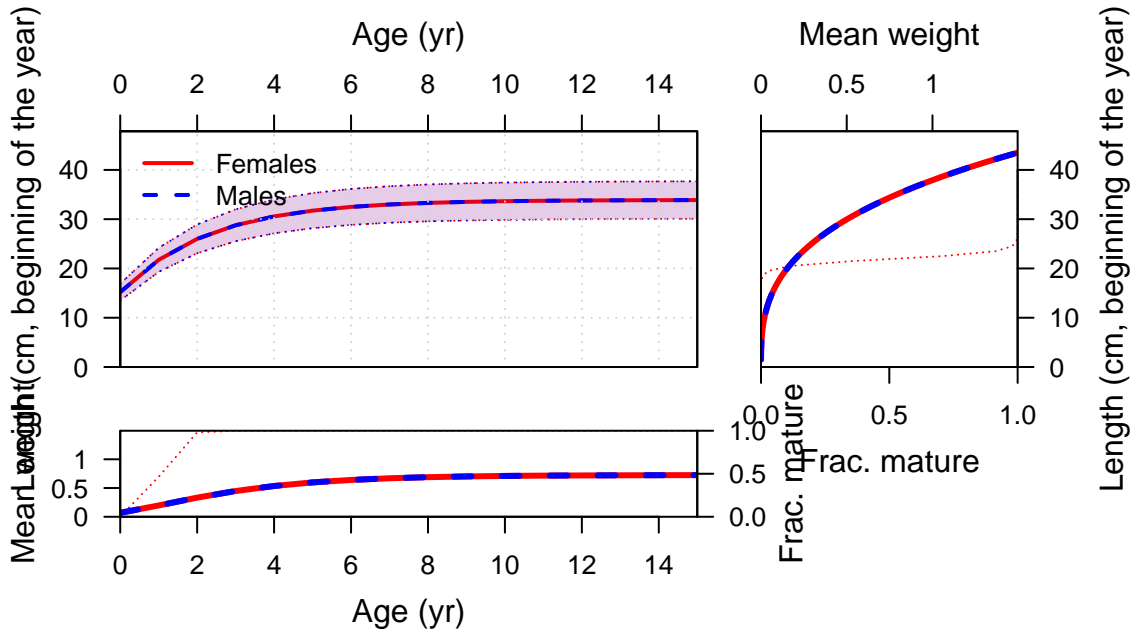


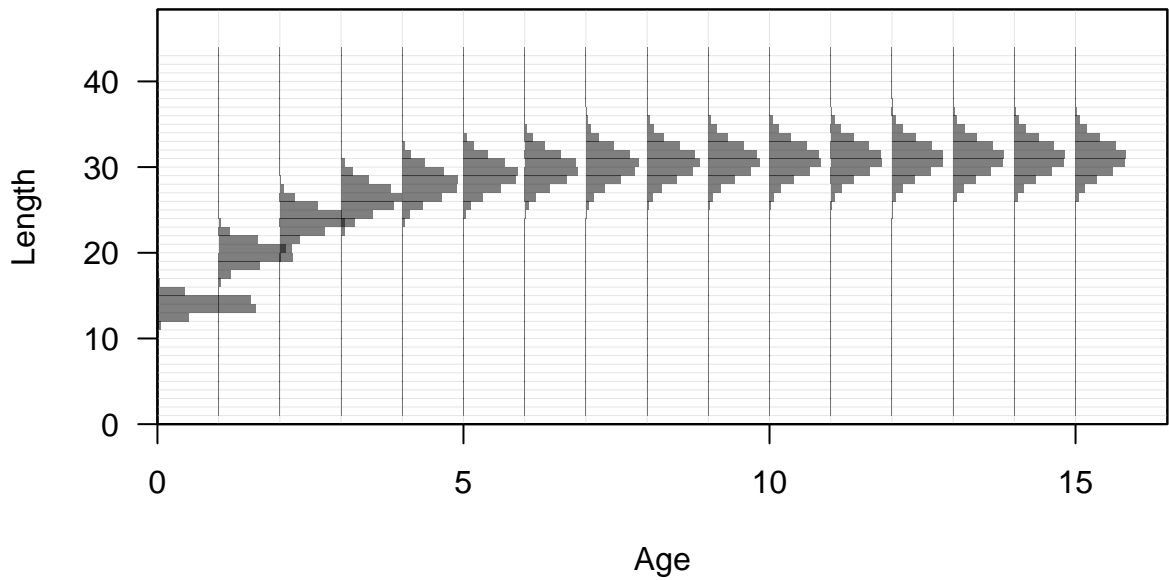
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Sat Nov 05 08:07:56 2022  
Data\_File: data.ss  
Control\_File: control.ss

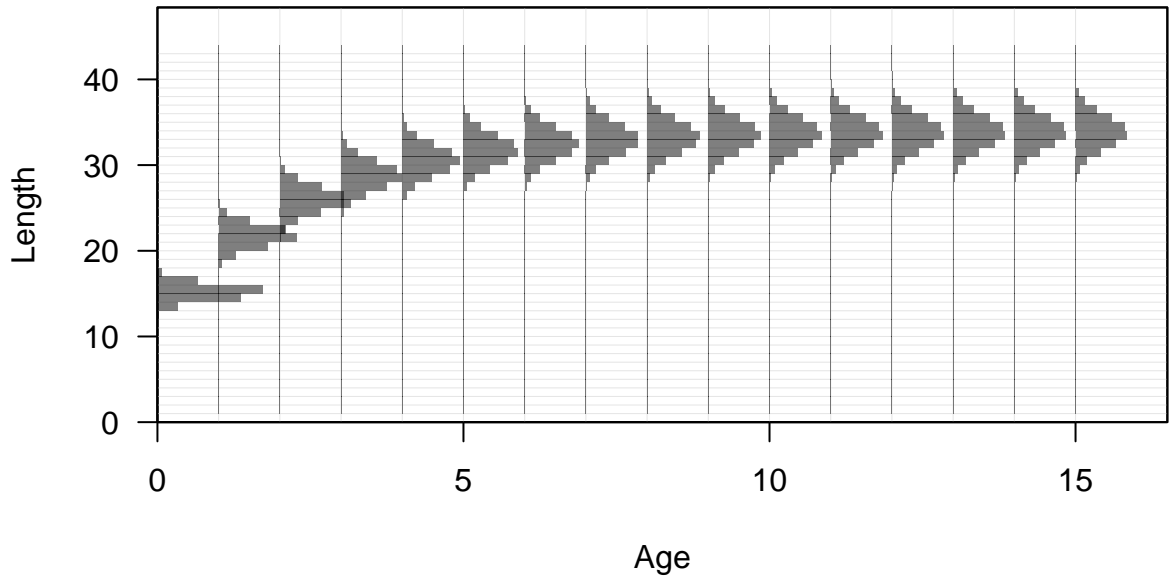
Length (cm, beginning of the year)

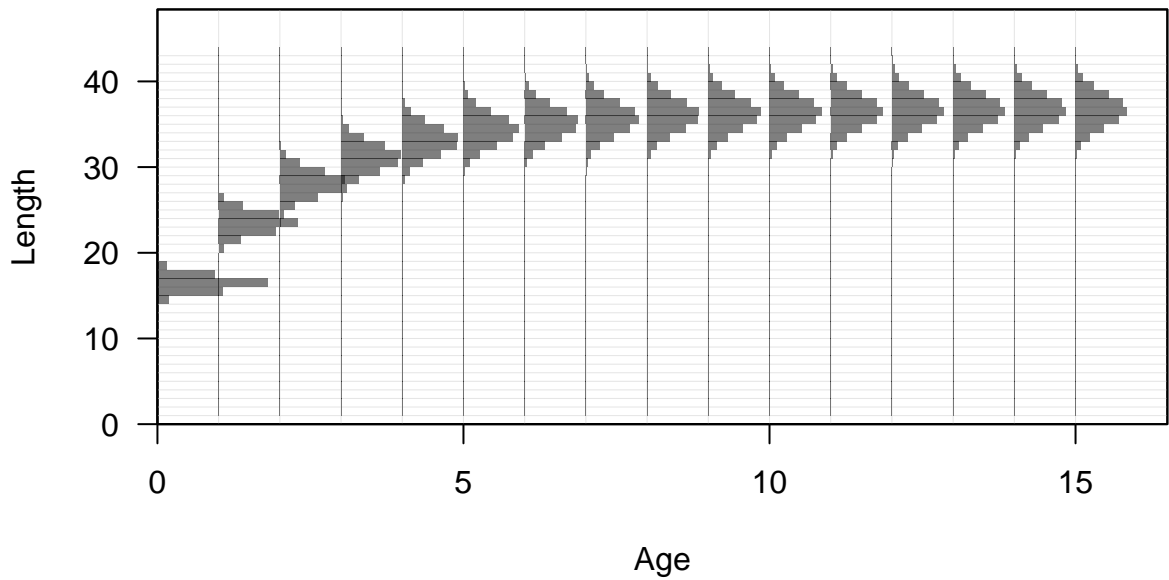


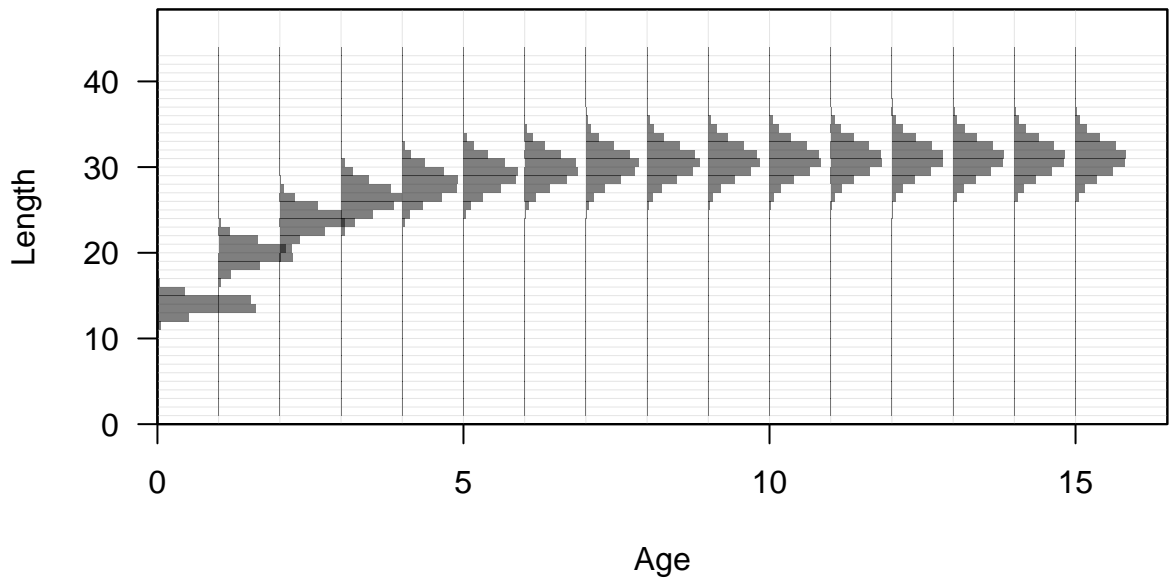




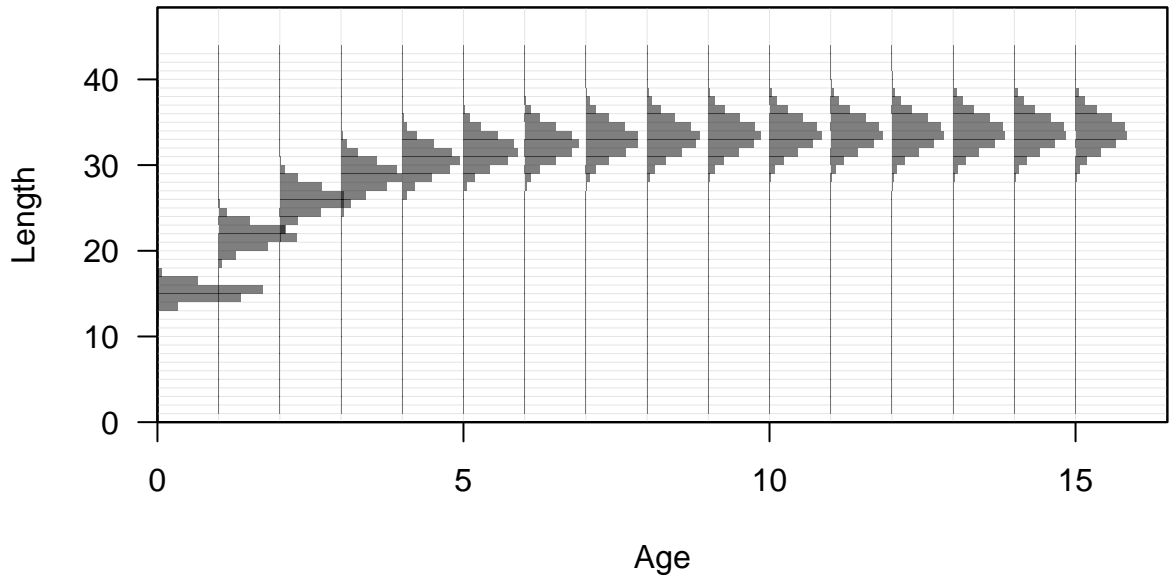


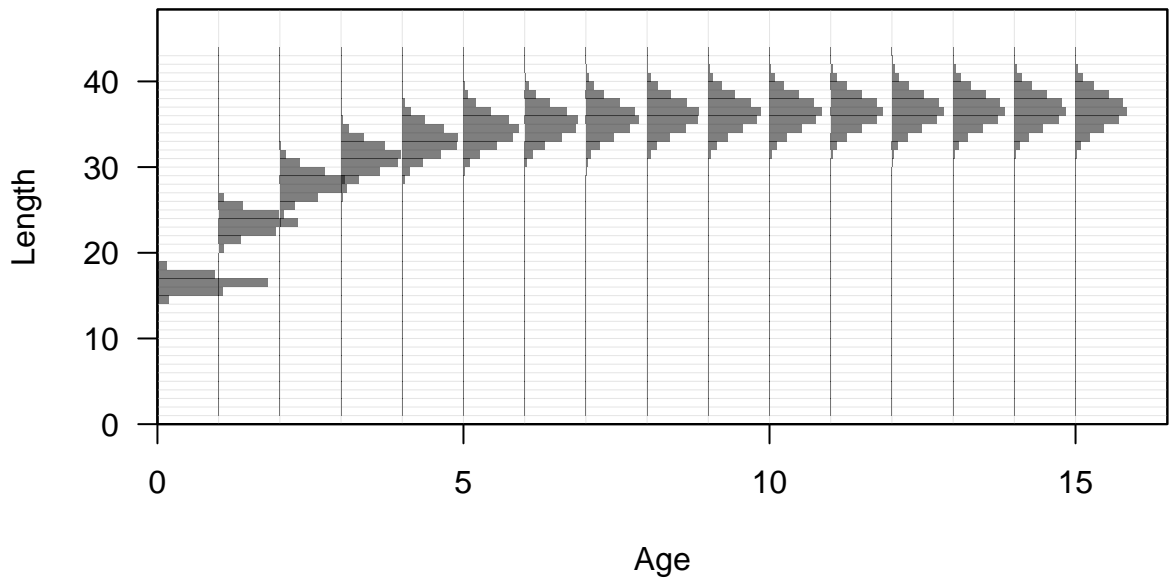


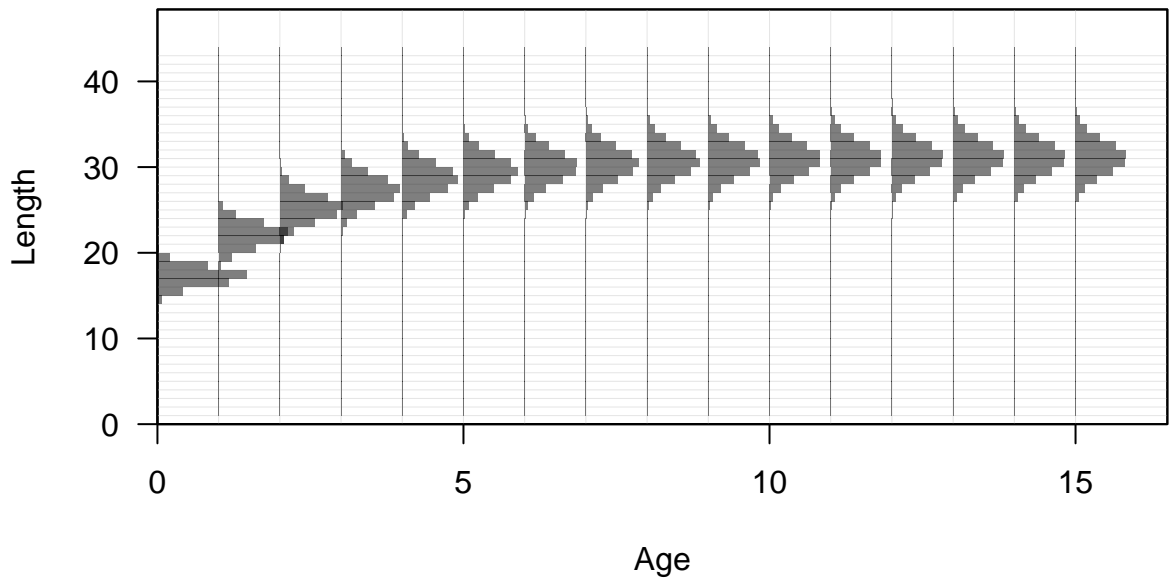


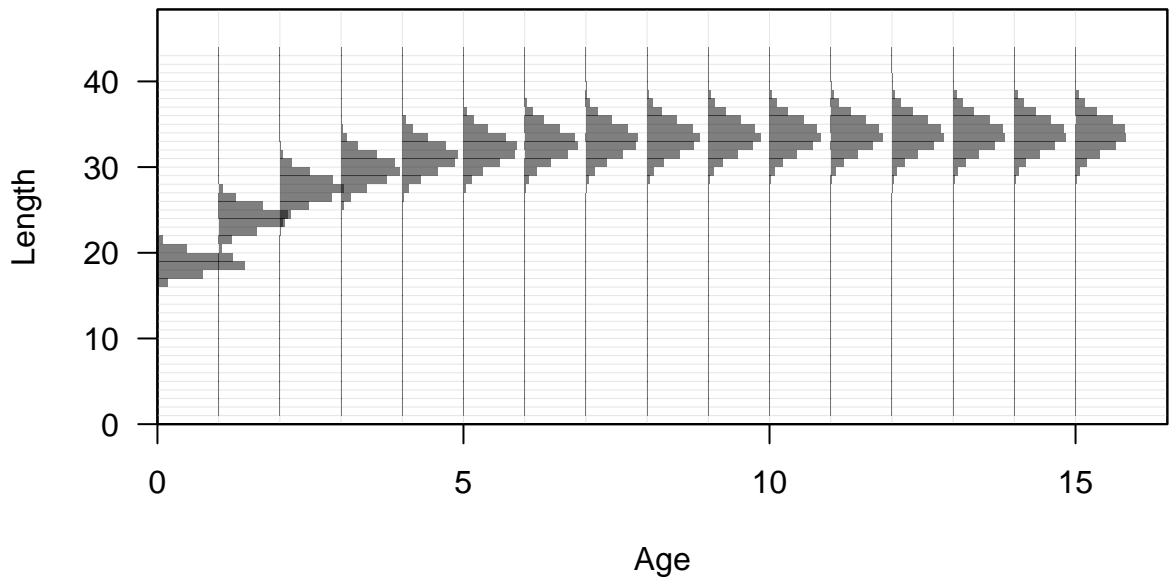


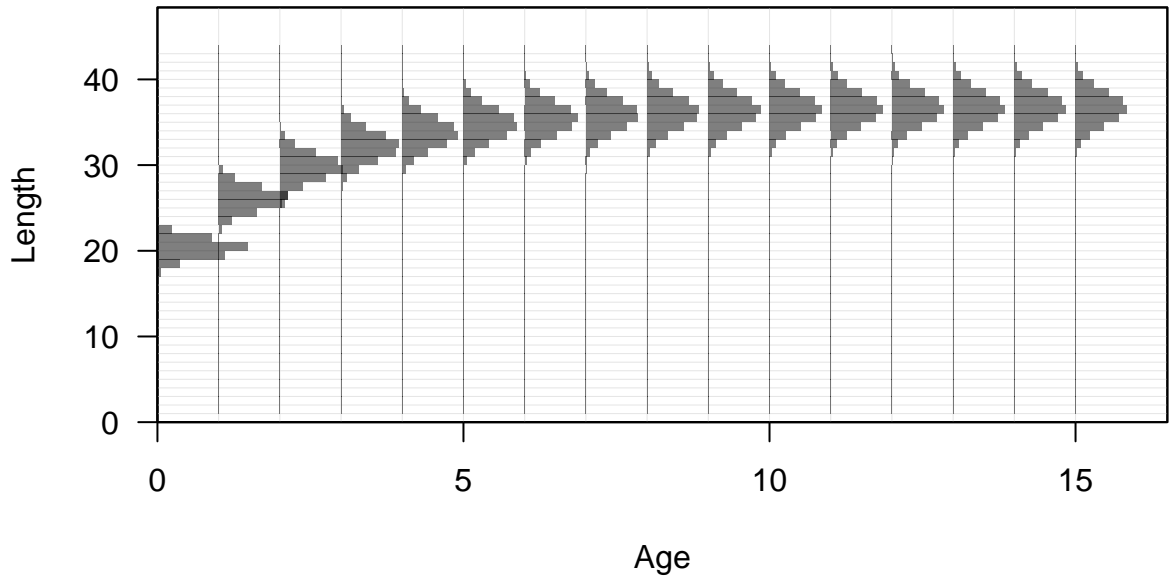


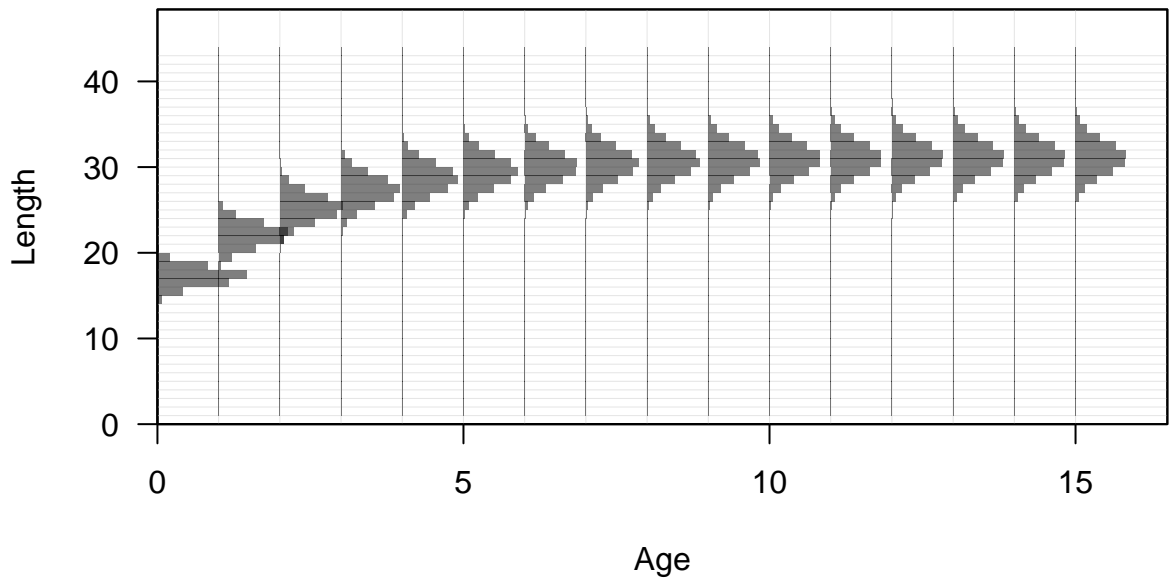


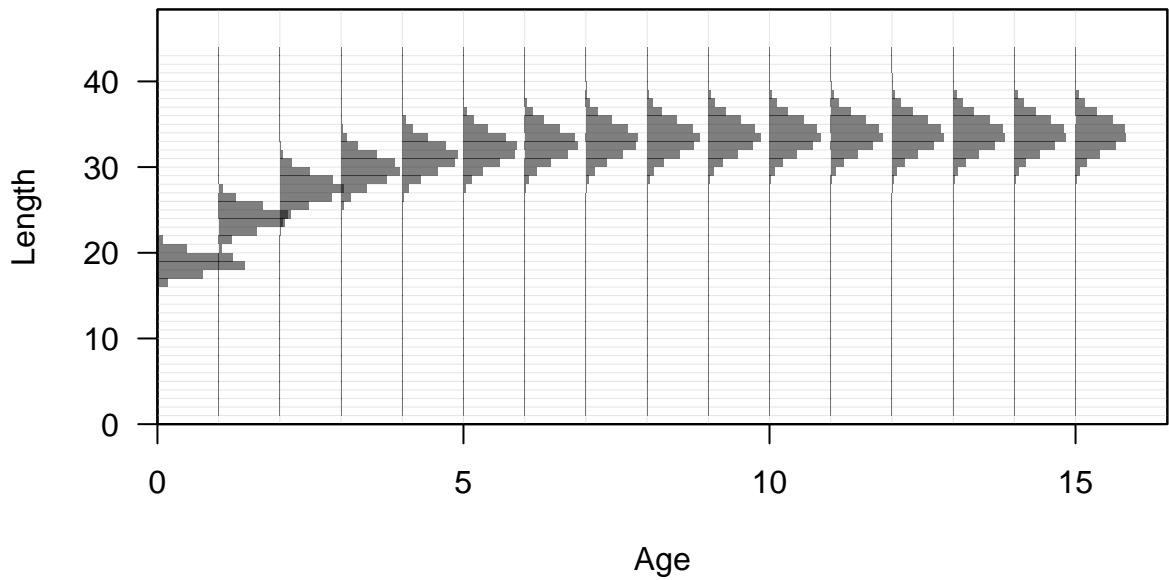


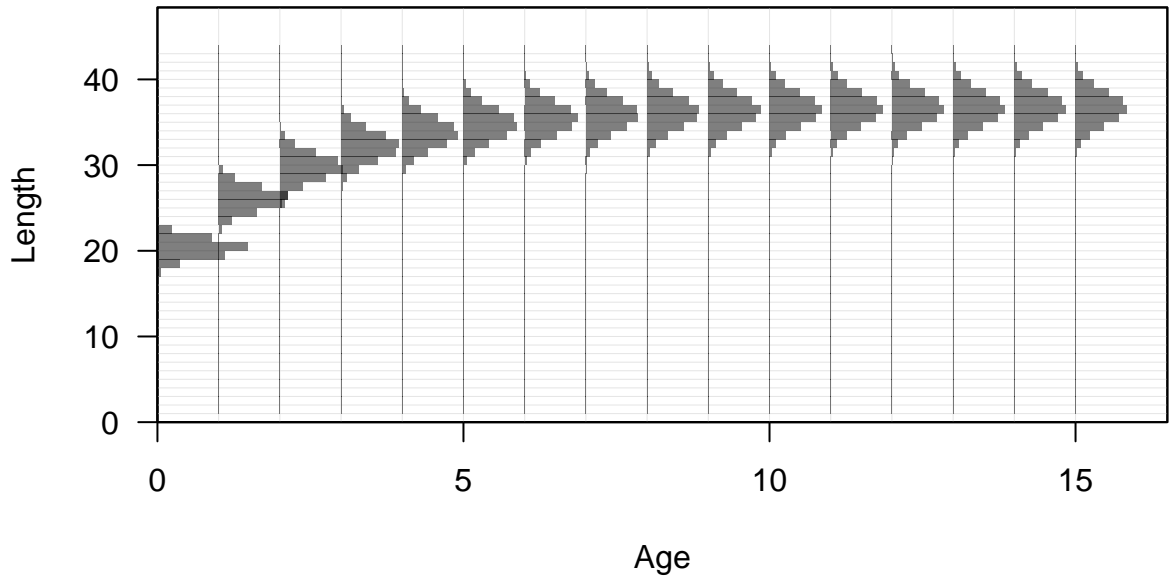










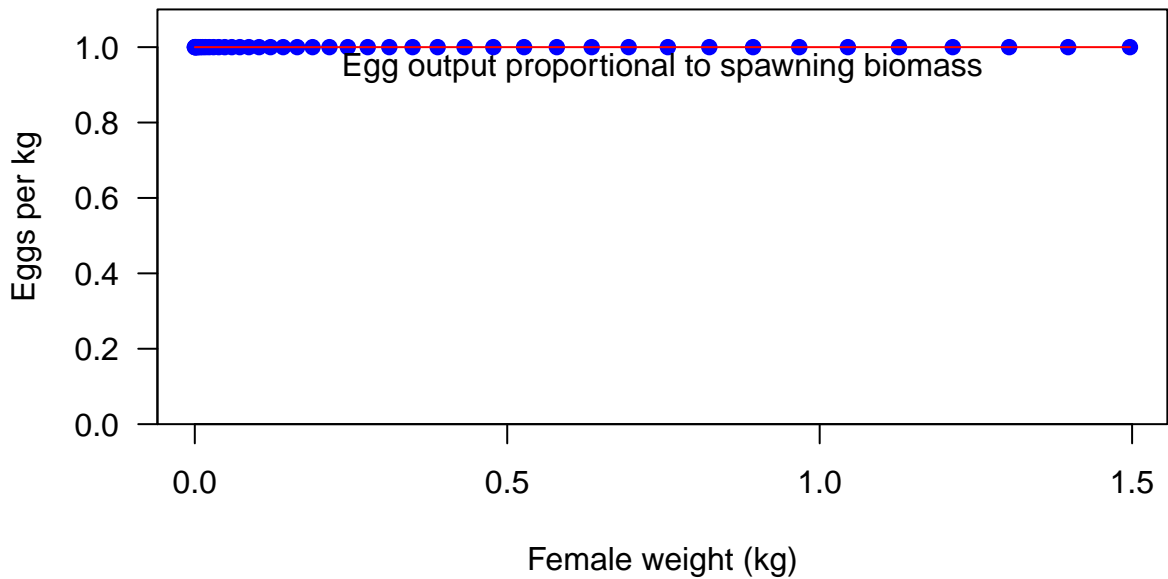






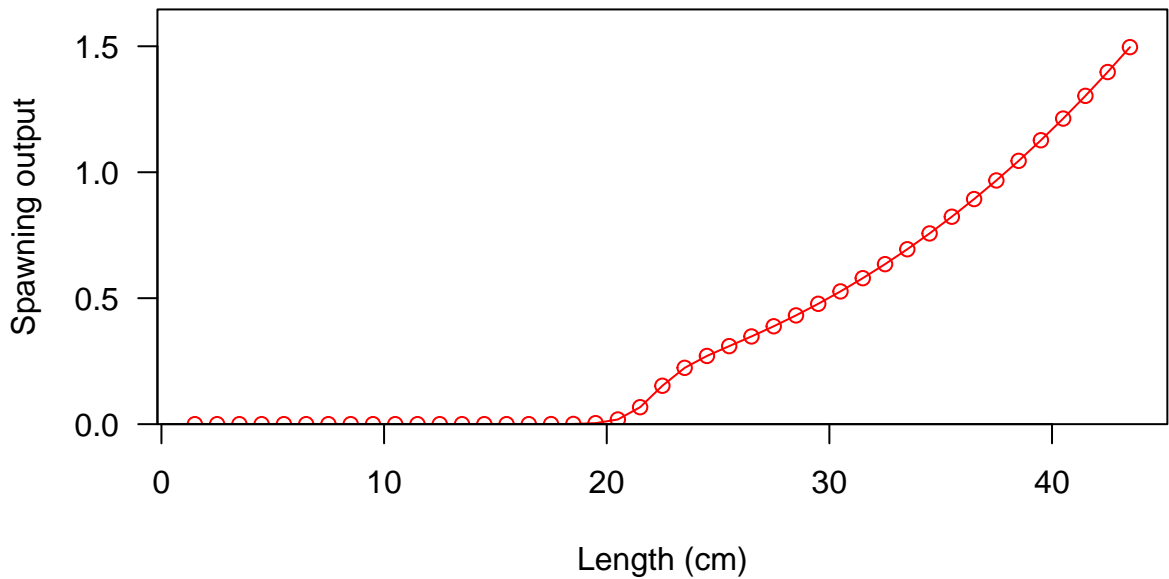


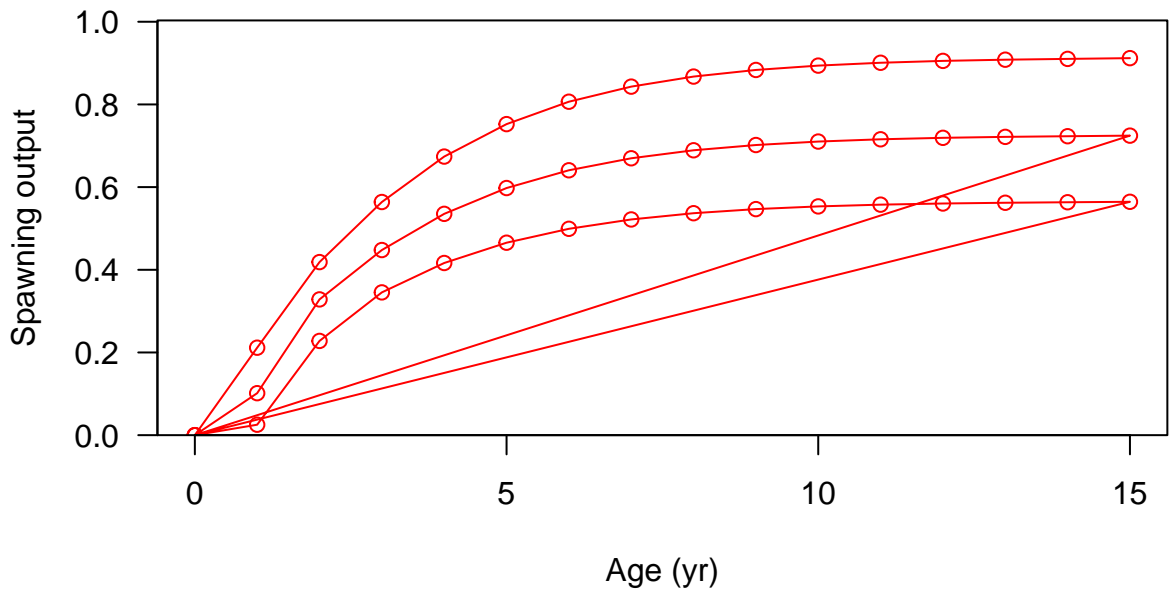






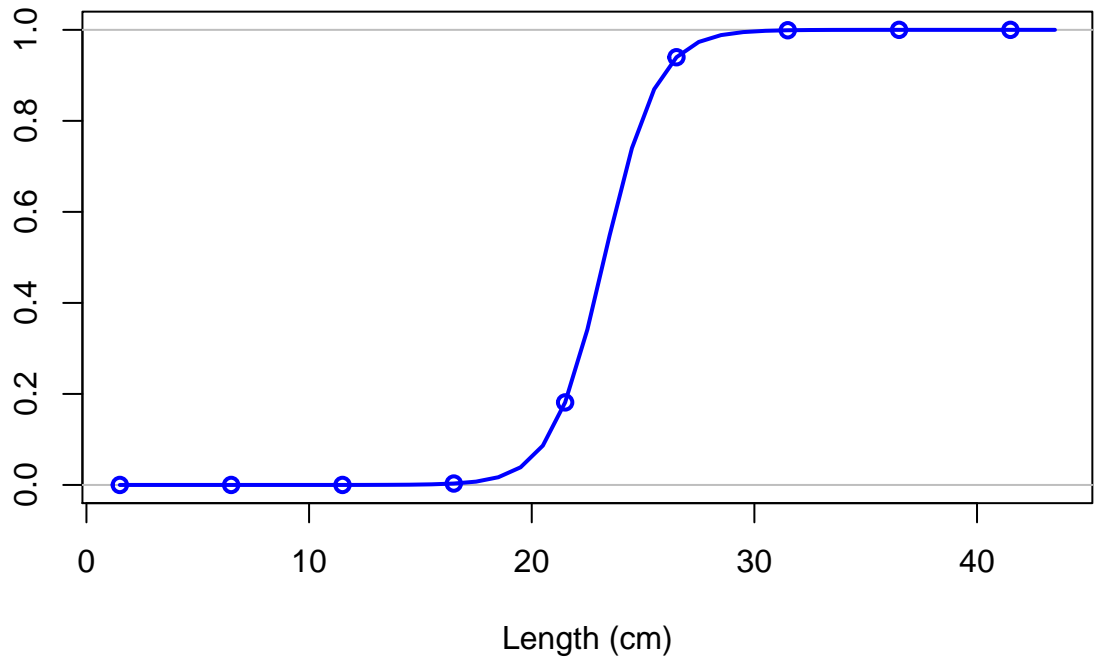




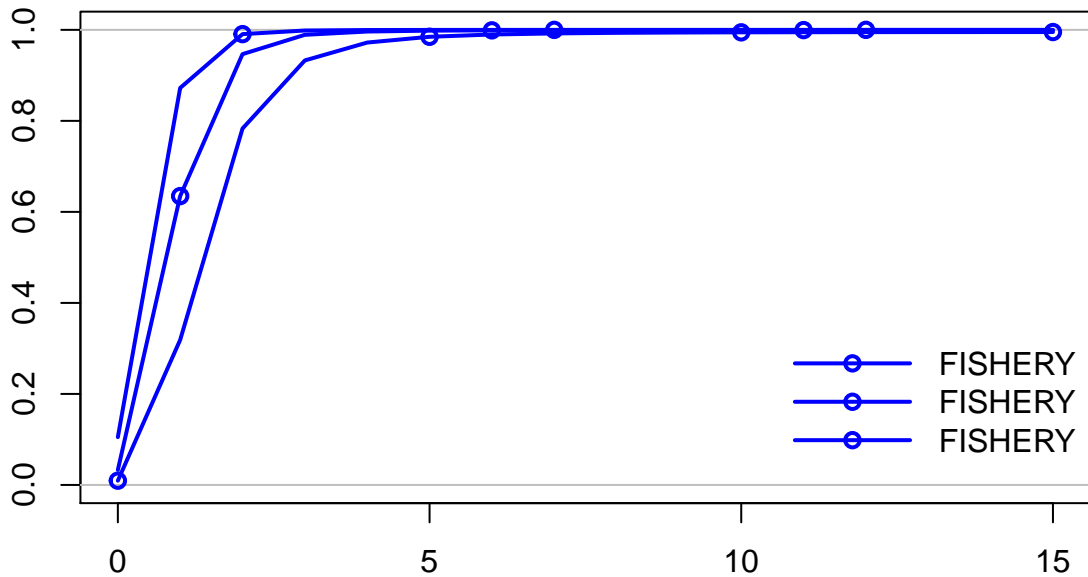




Selectivity

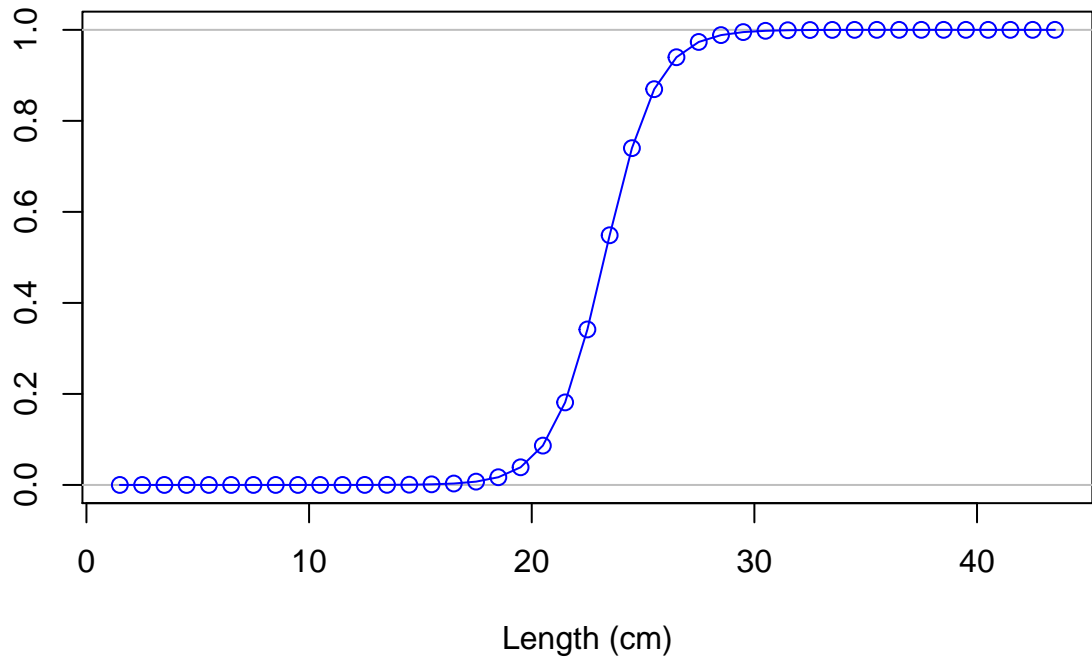


Selectivity

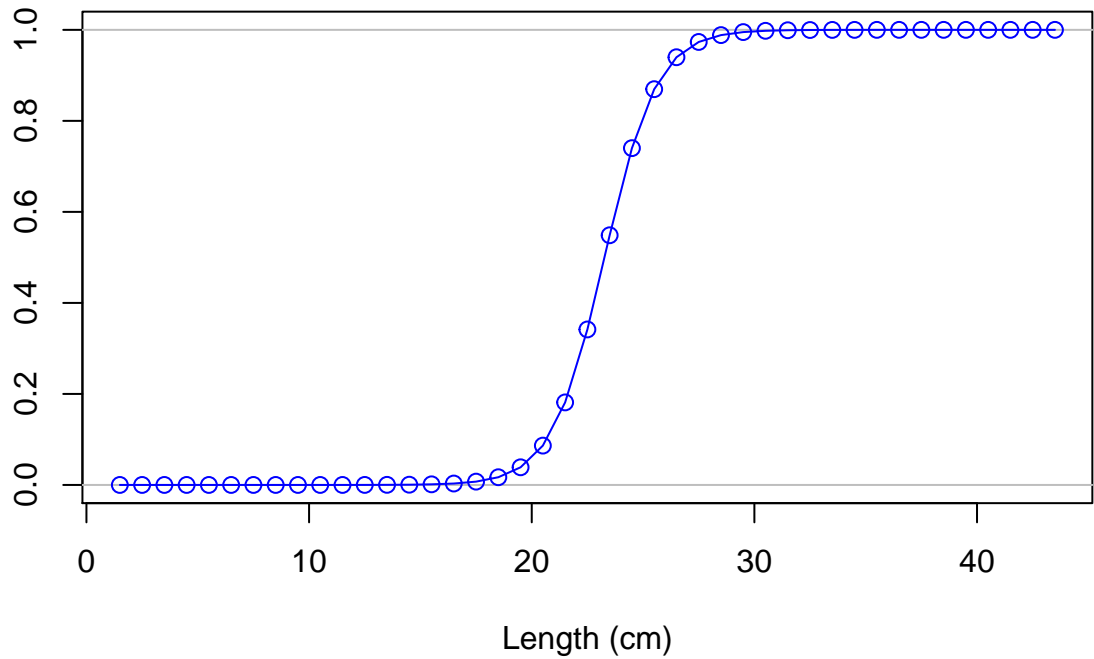


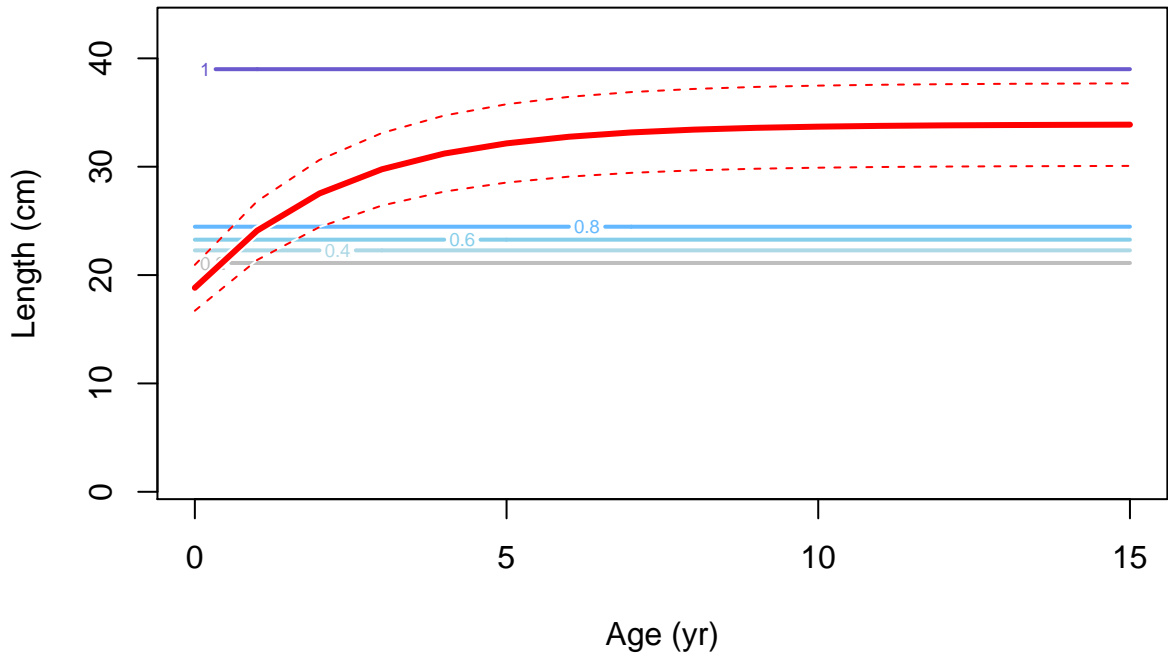
Age (yr)

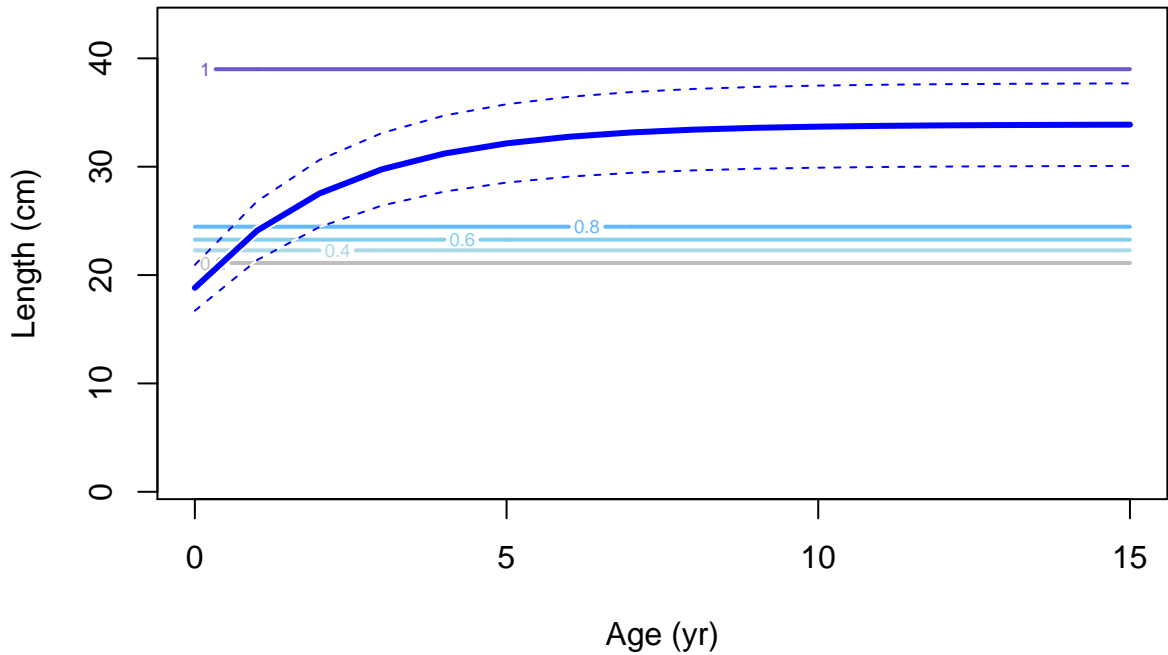
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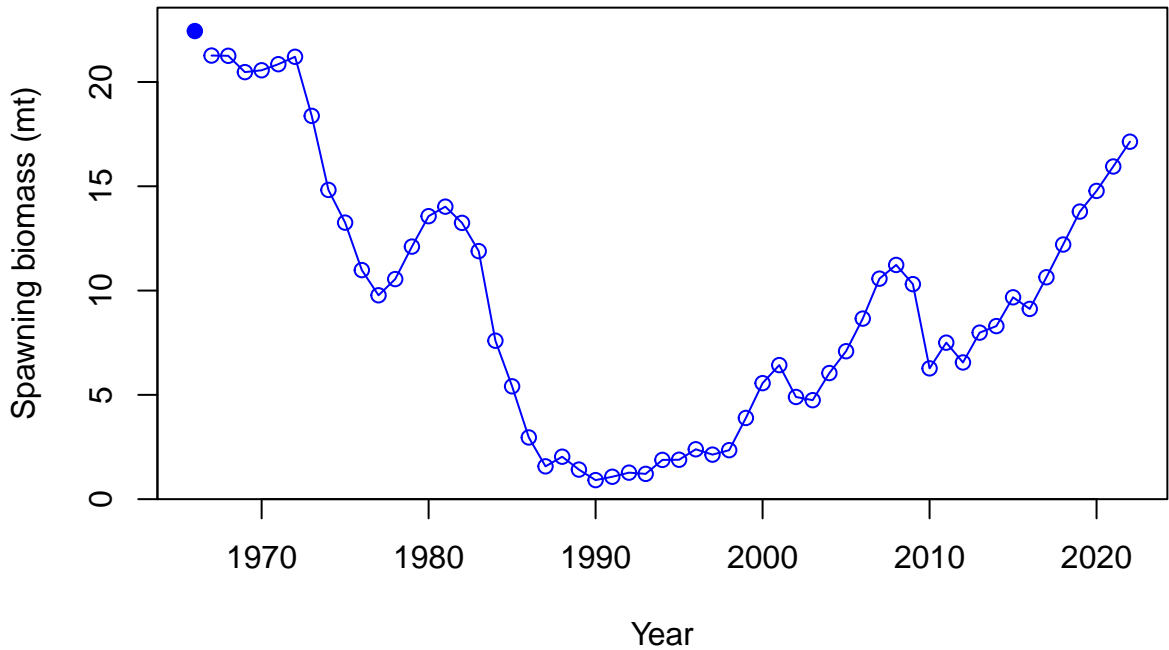


Selectivity

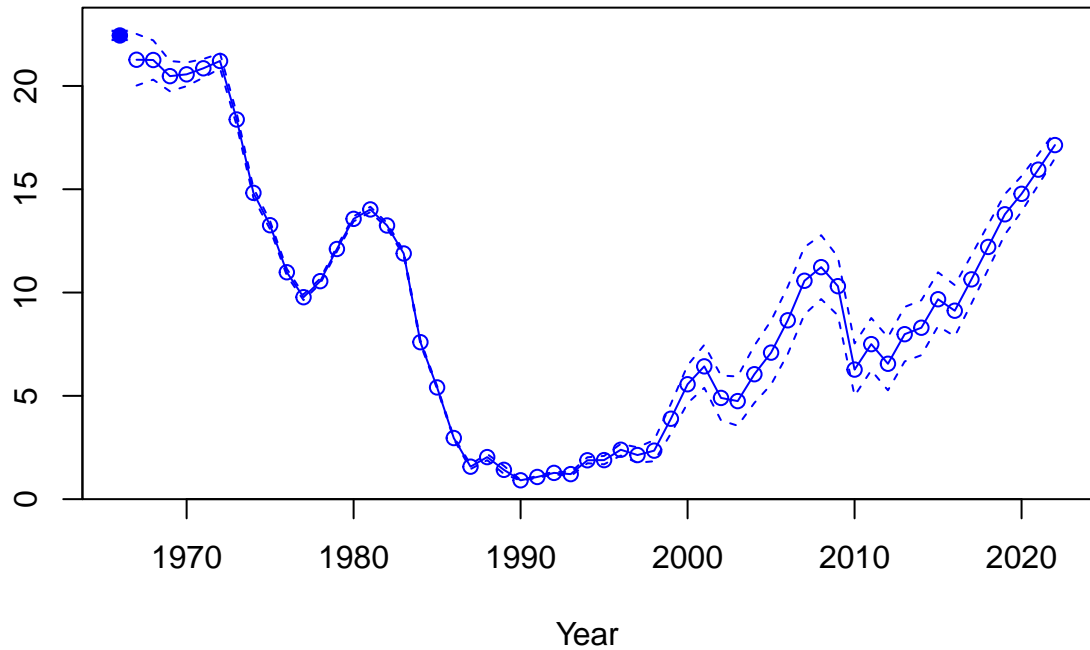






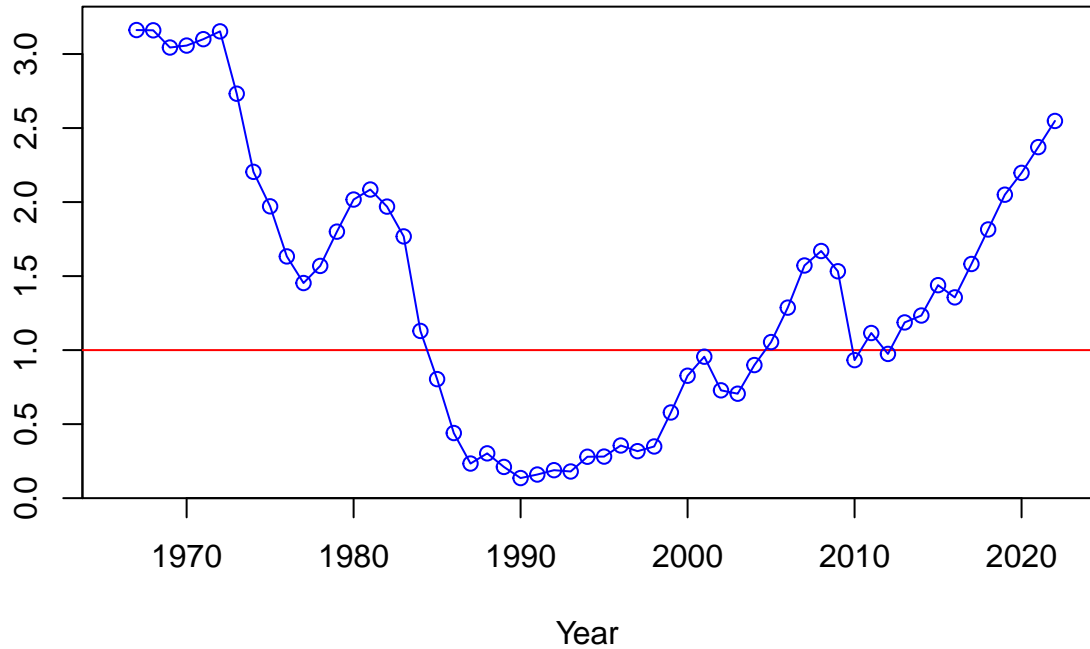


Spawning biomass (mt)

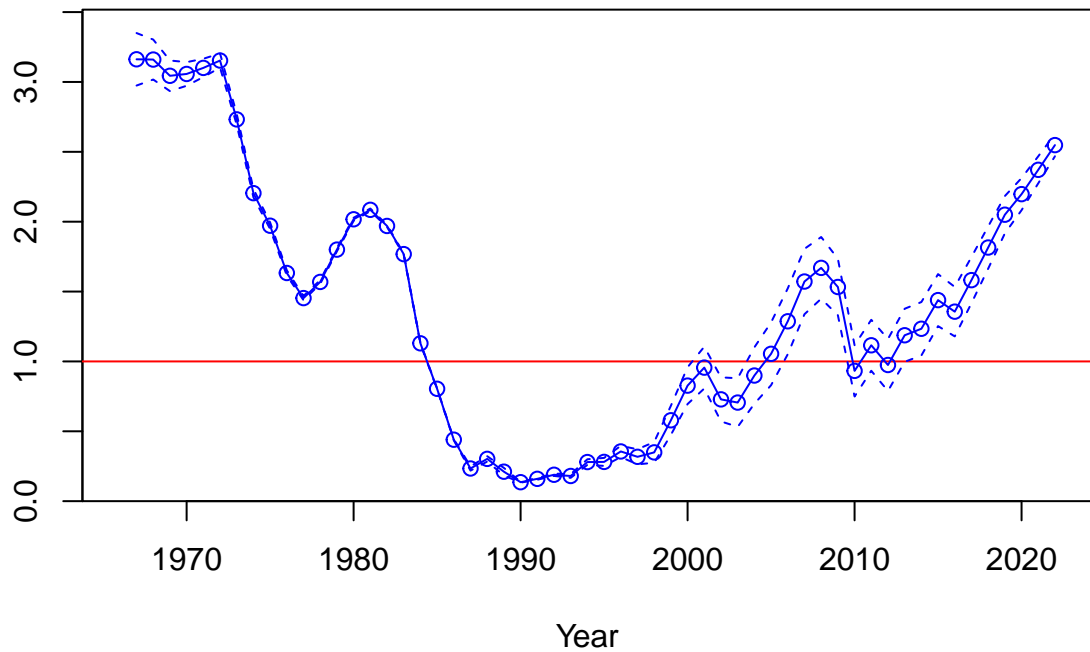


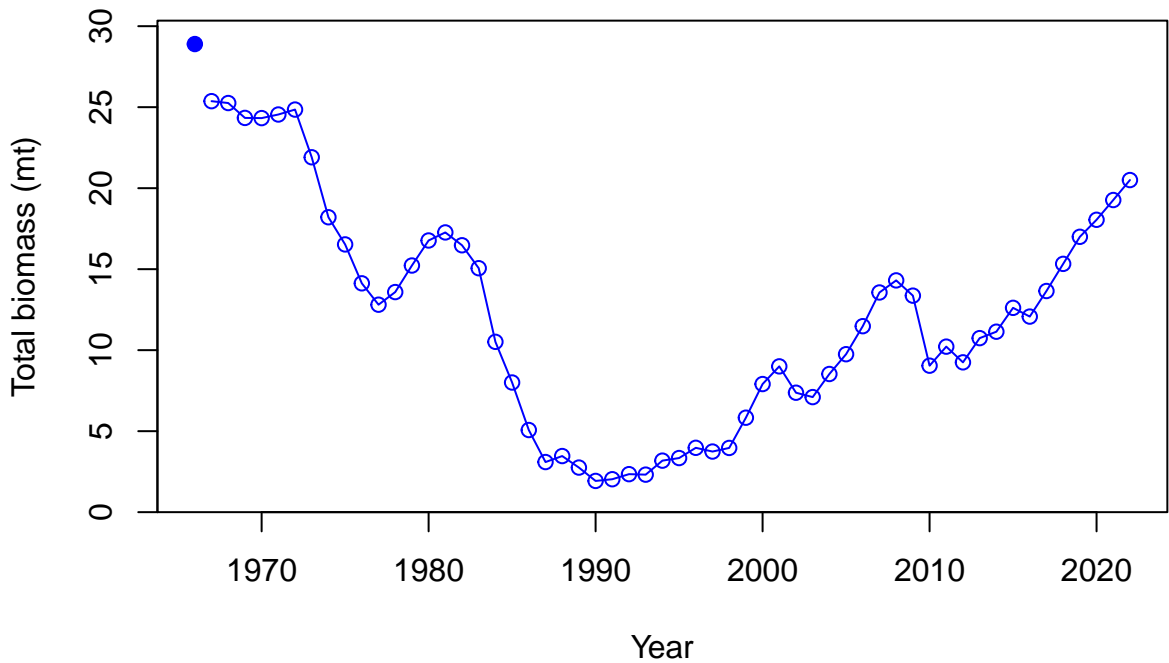


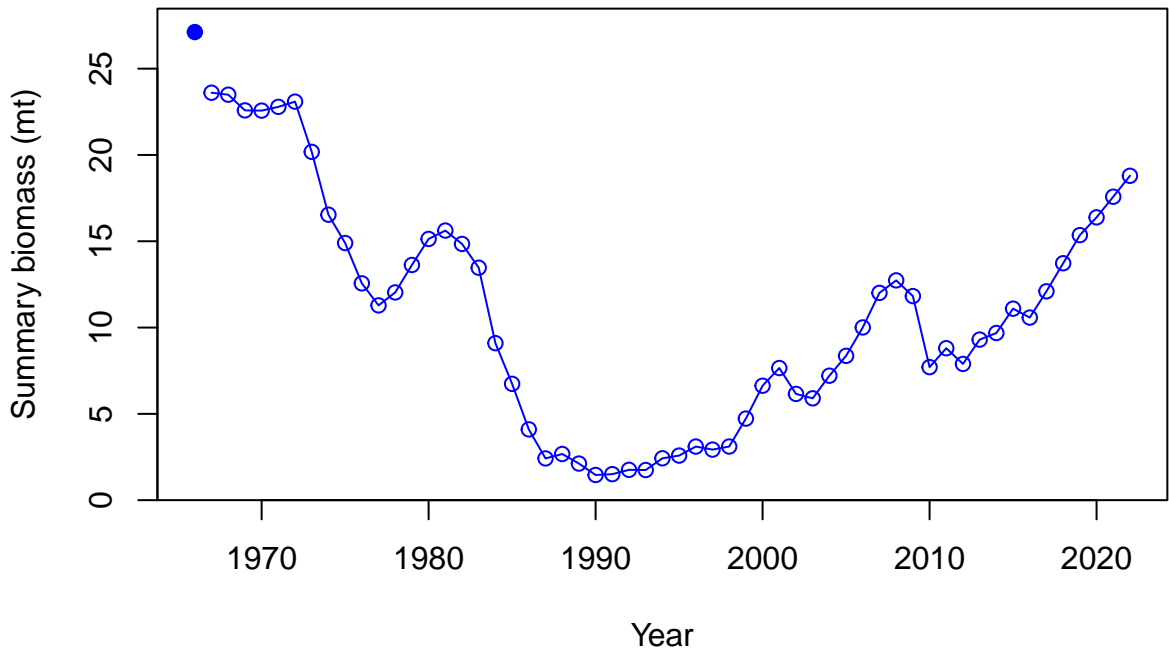
Relative spawning biomass:  $B/B_{MSY}$



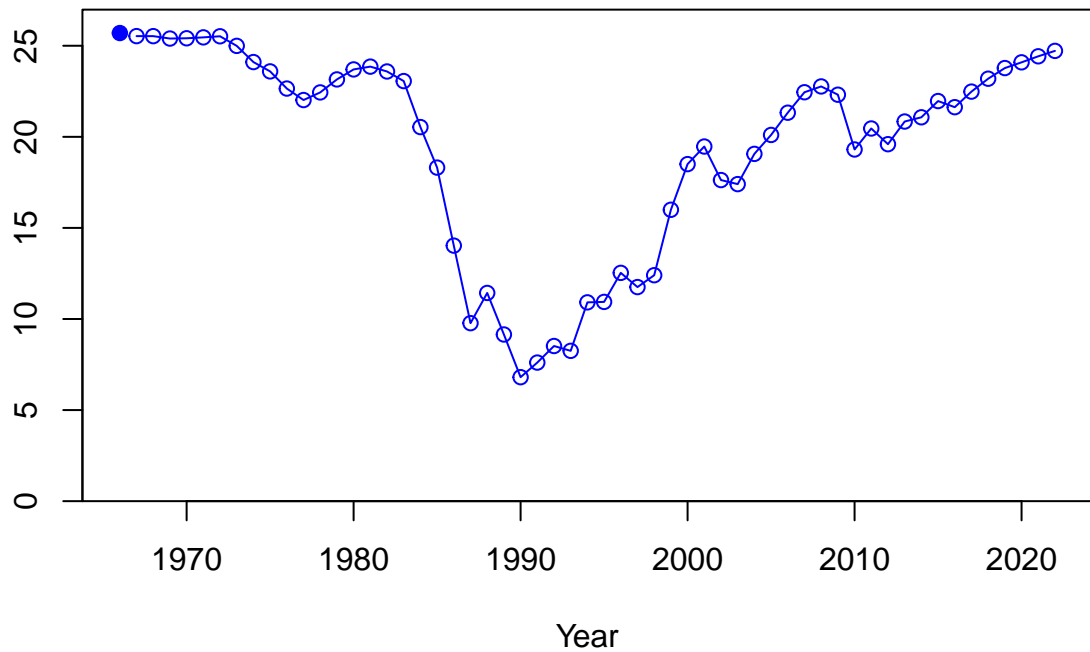
Relative spawning biomass:  $B/B_{MSY}$



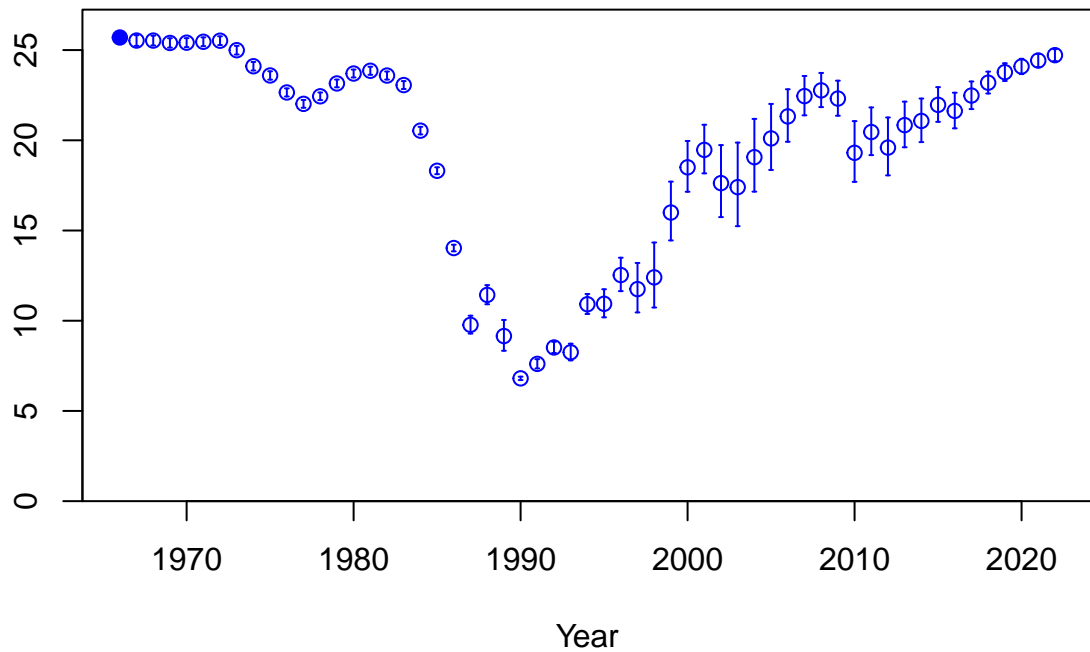




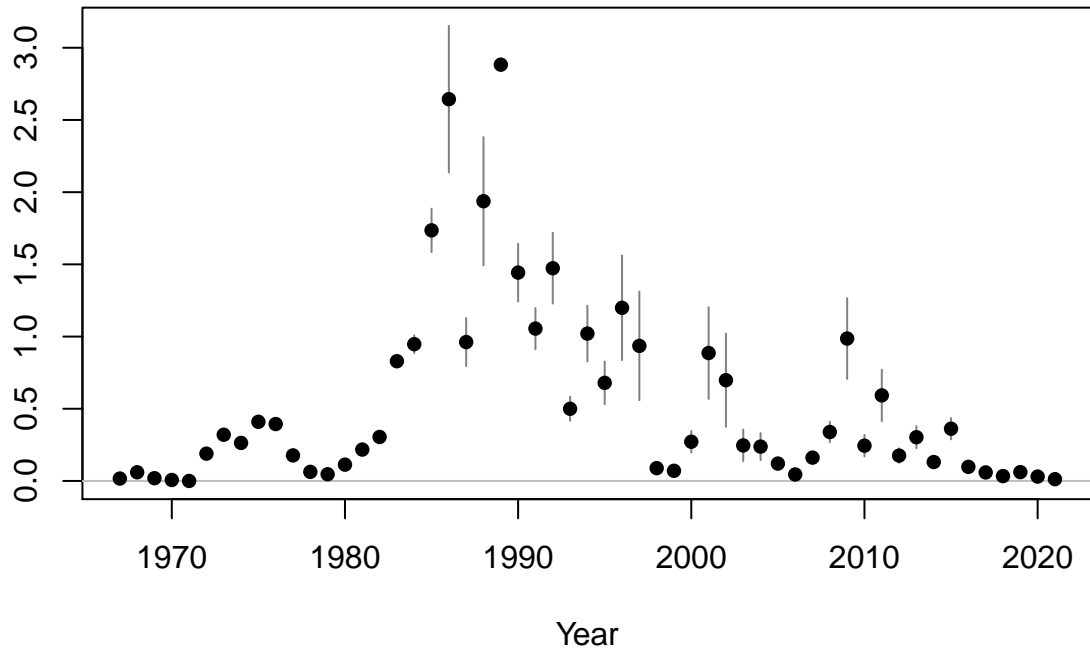
Age-0 recruits (1,000s)

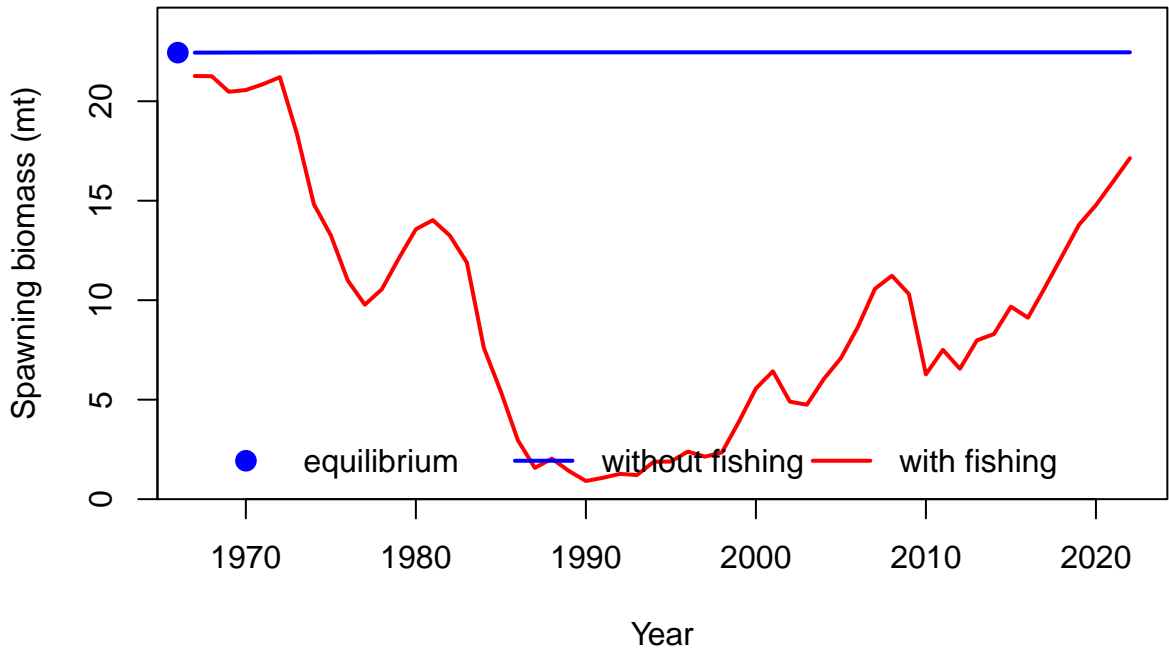


Age-0 recruits (1,000s)

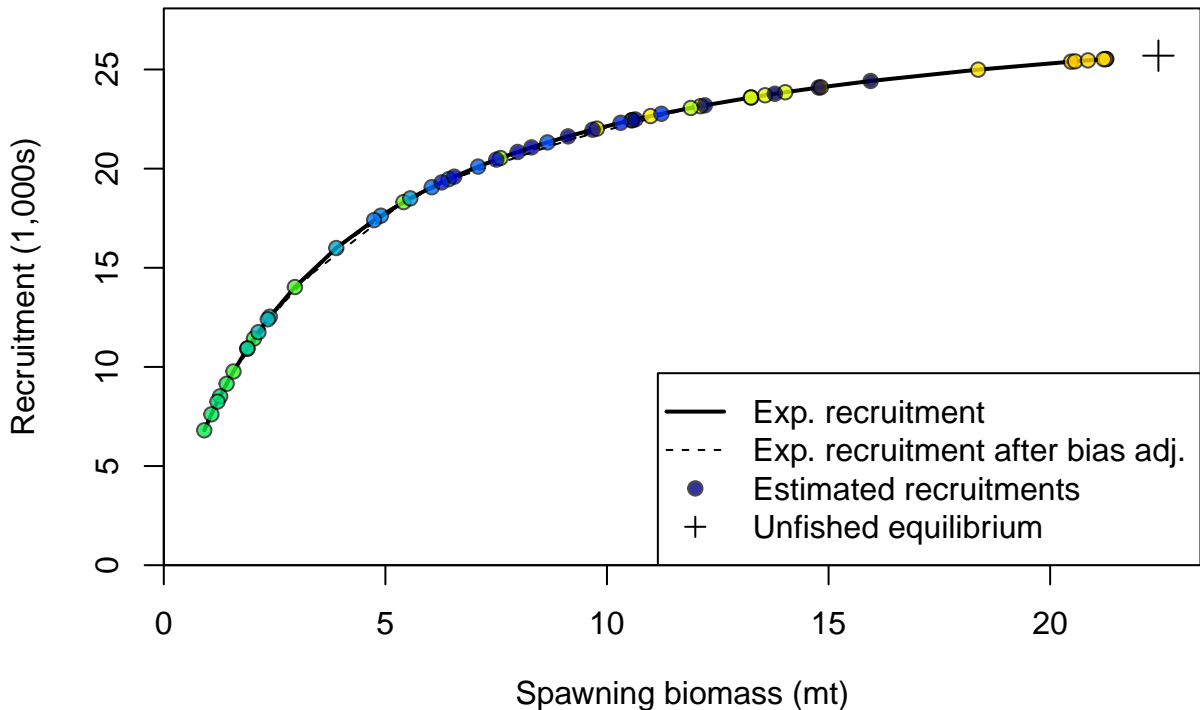


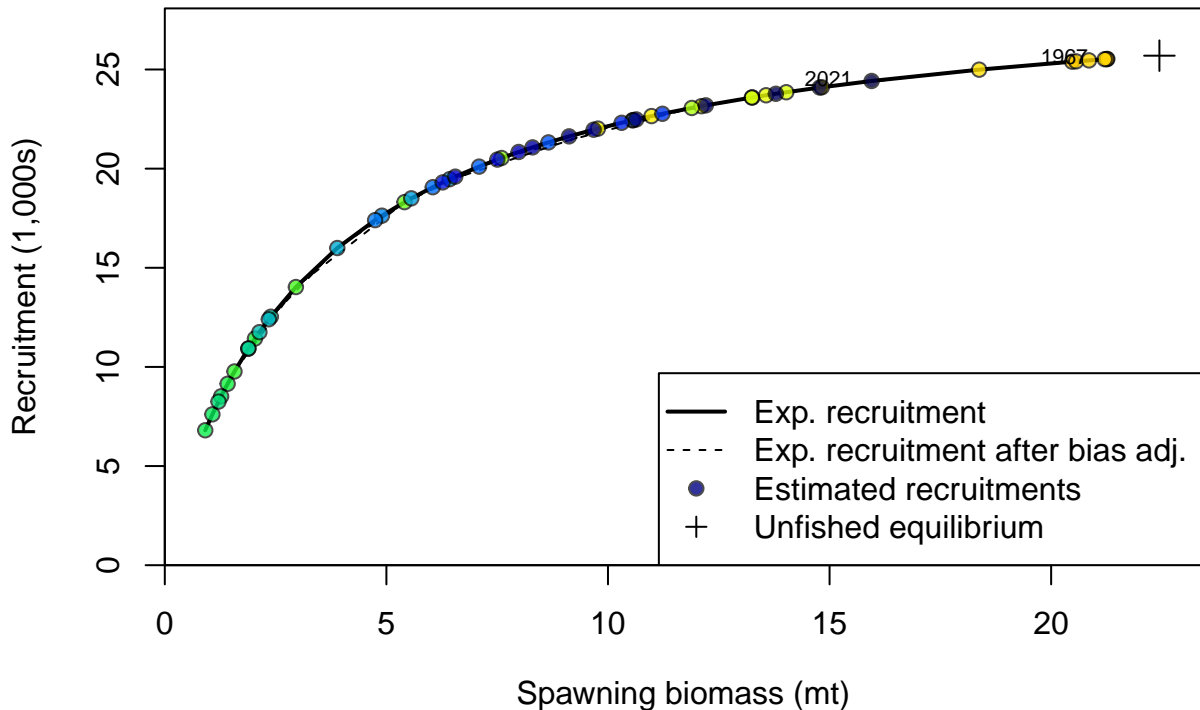
Summary Fishing Mortality

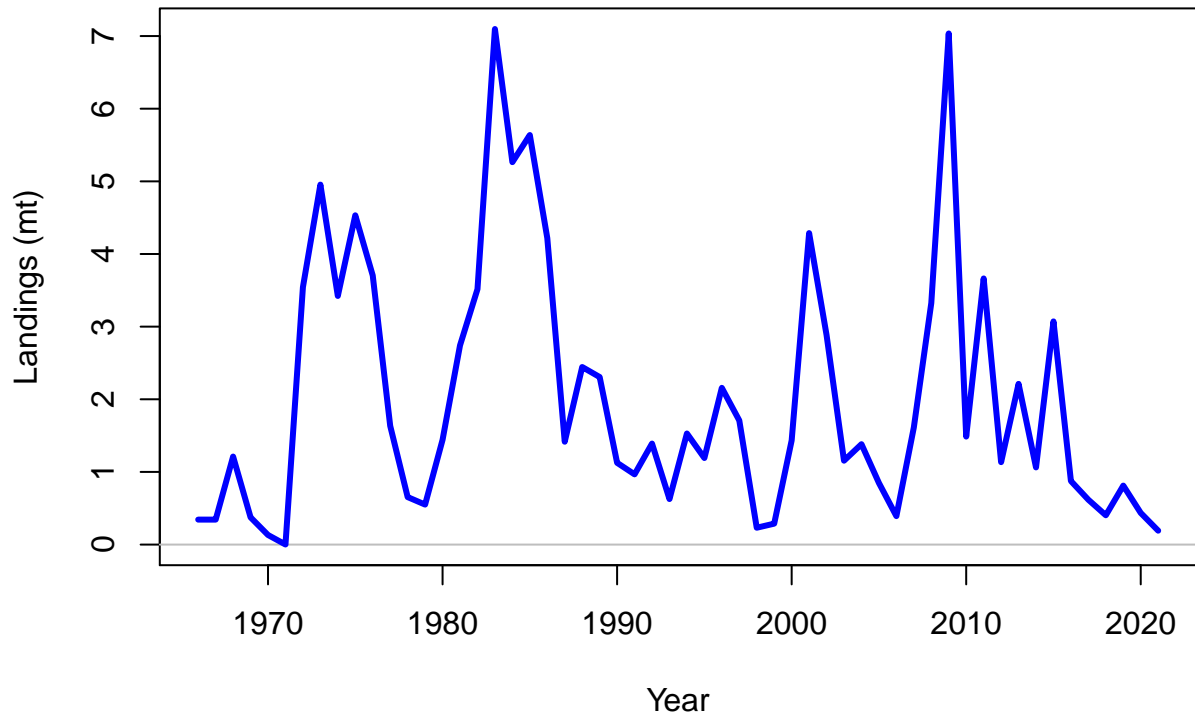


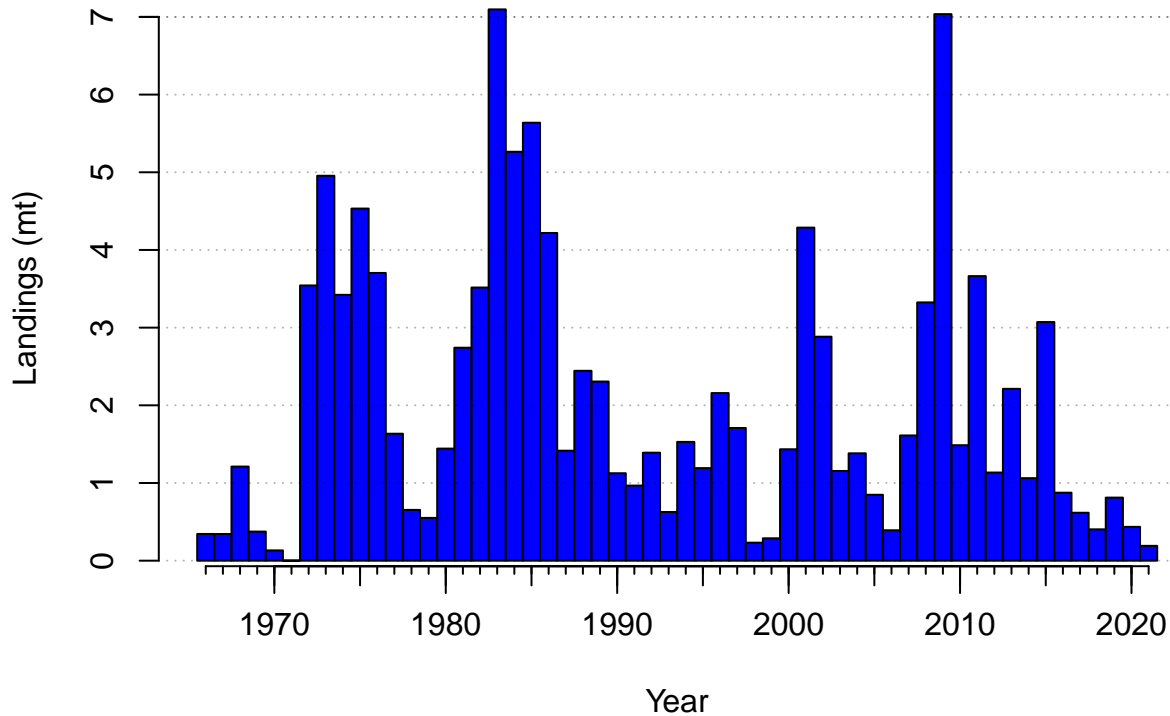




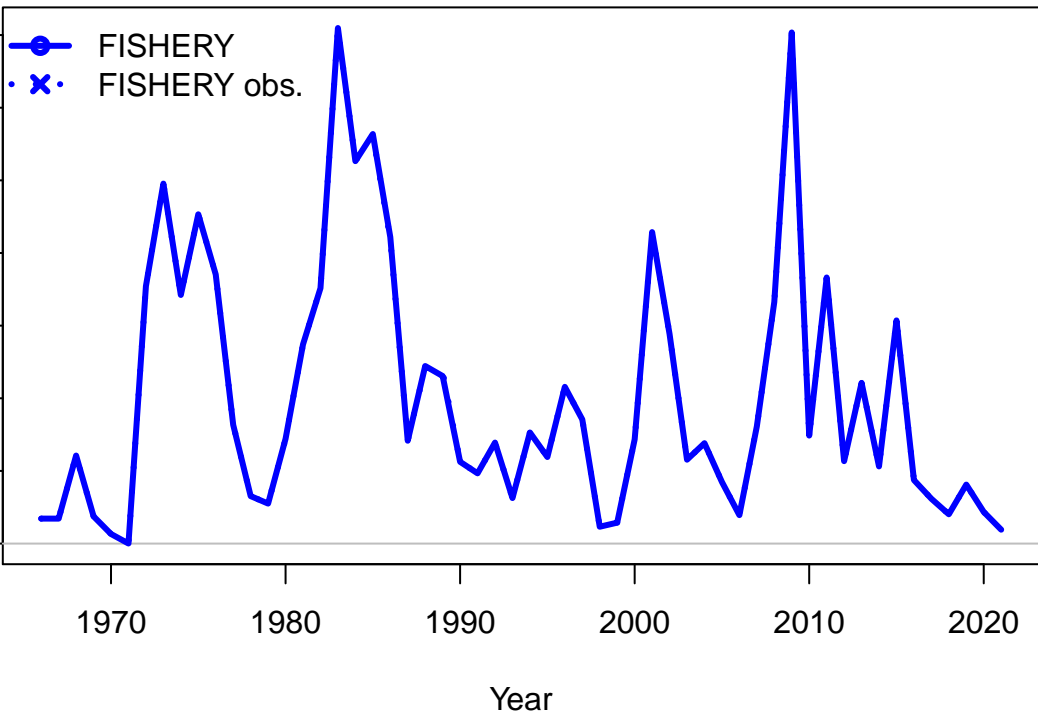


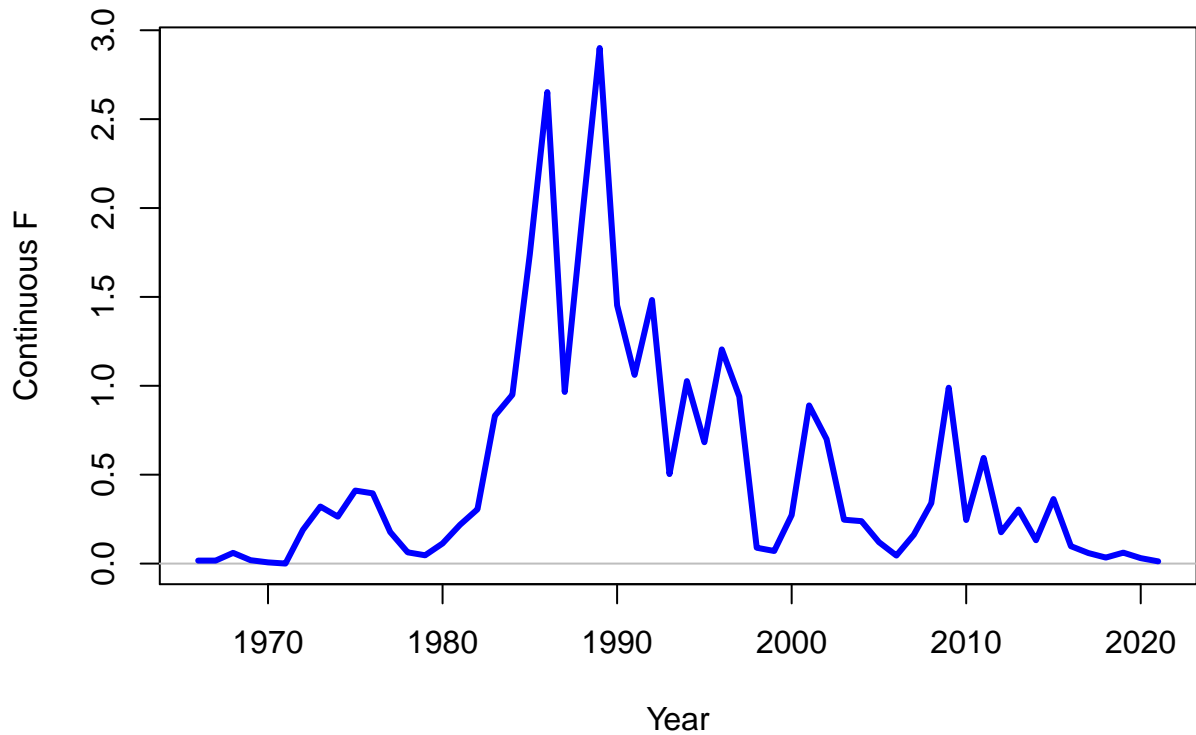




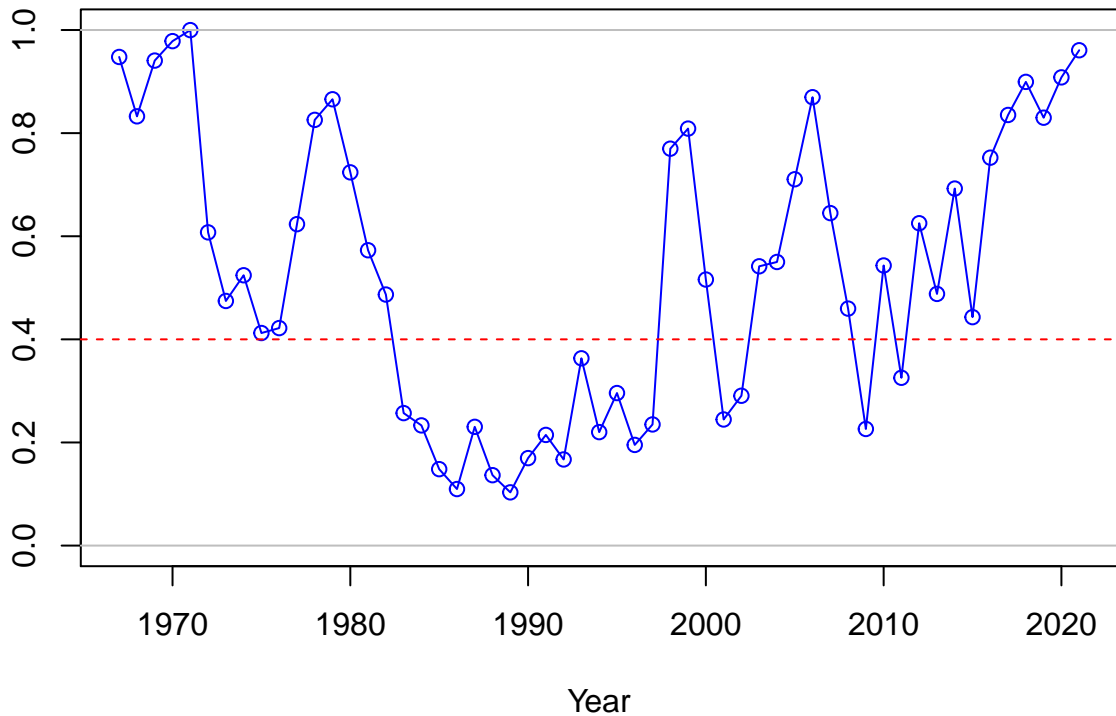


Observed and expected Landings (mt)

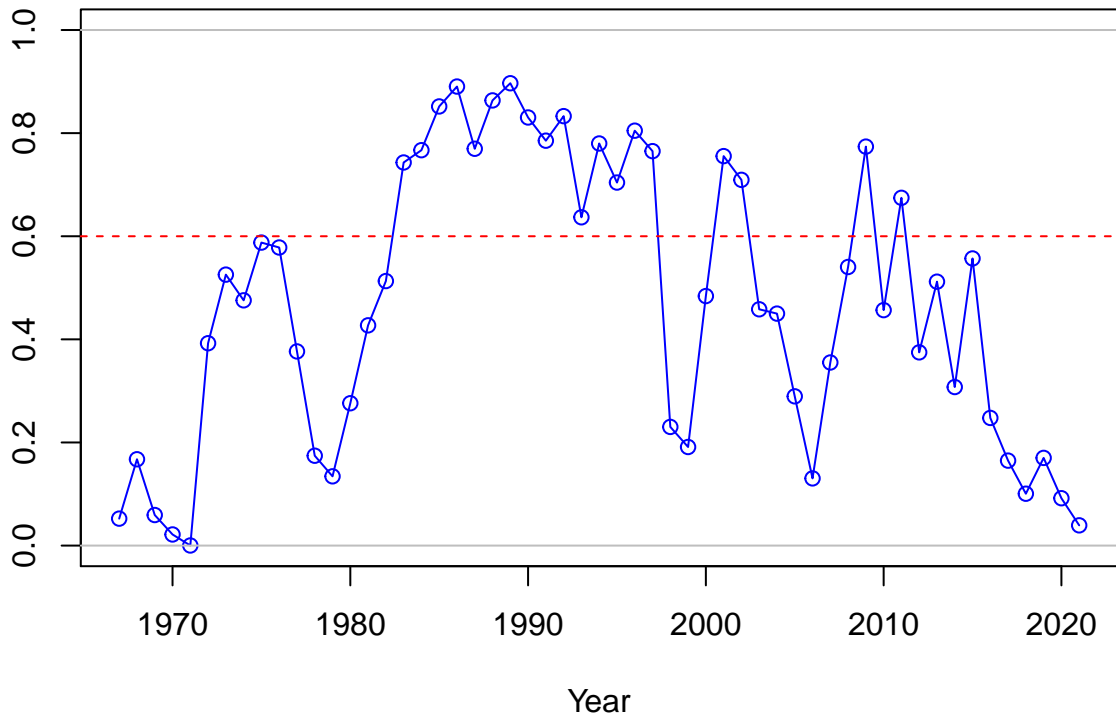




SPR

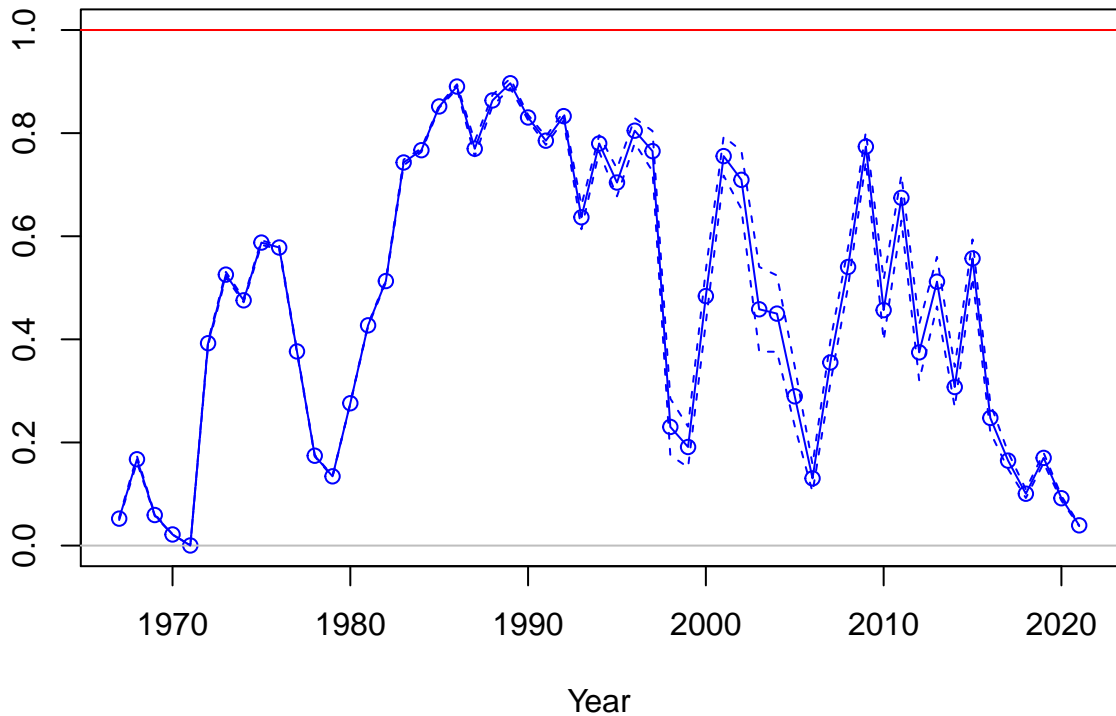


1-SPR

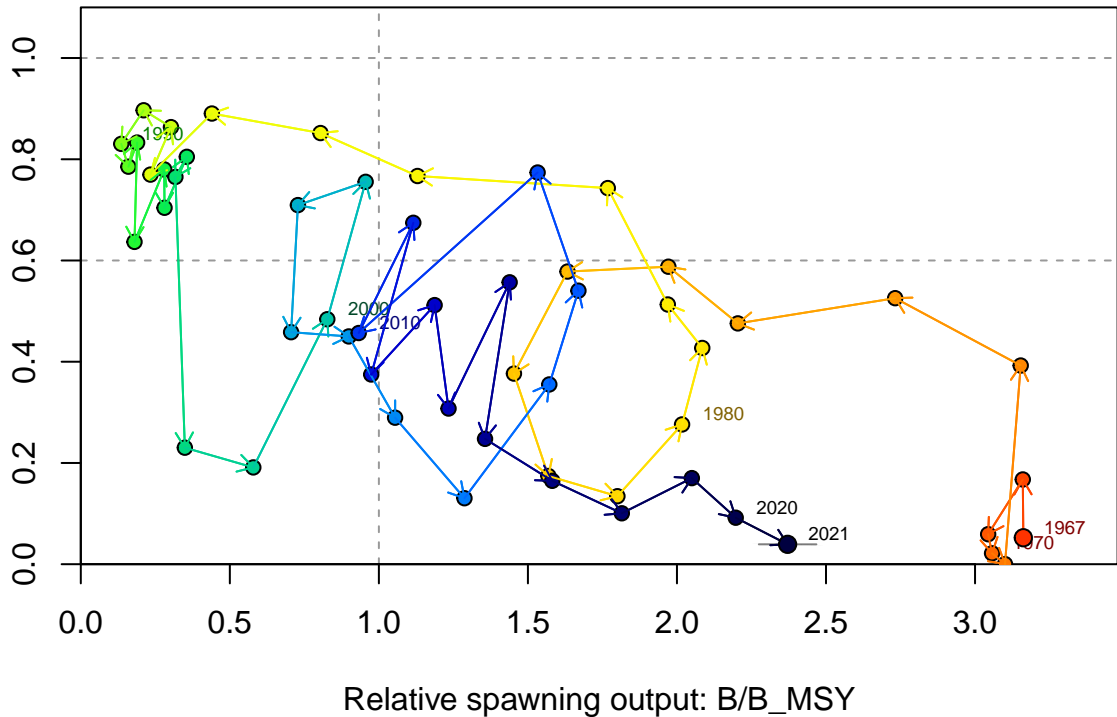




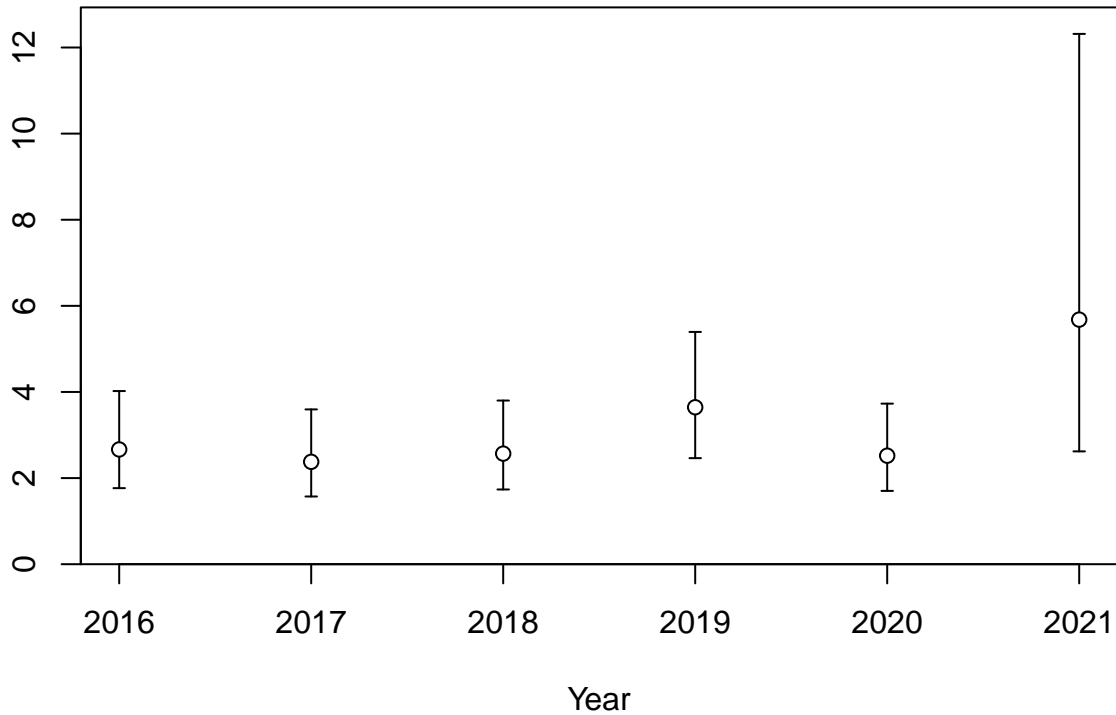
Fishing intensity: 1-SPR



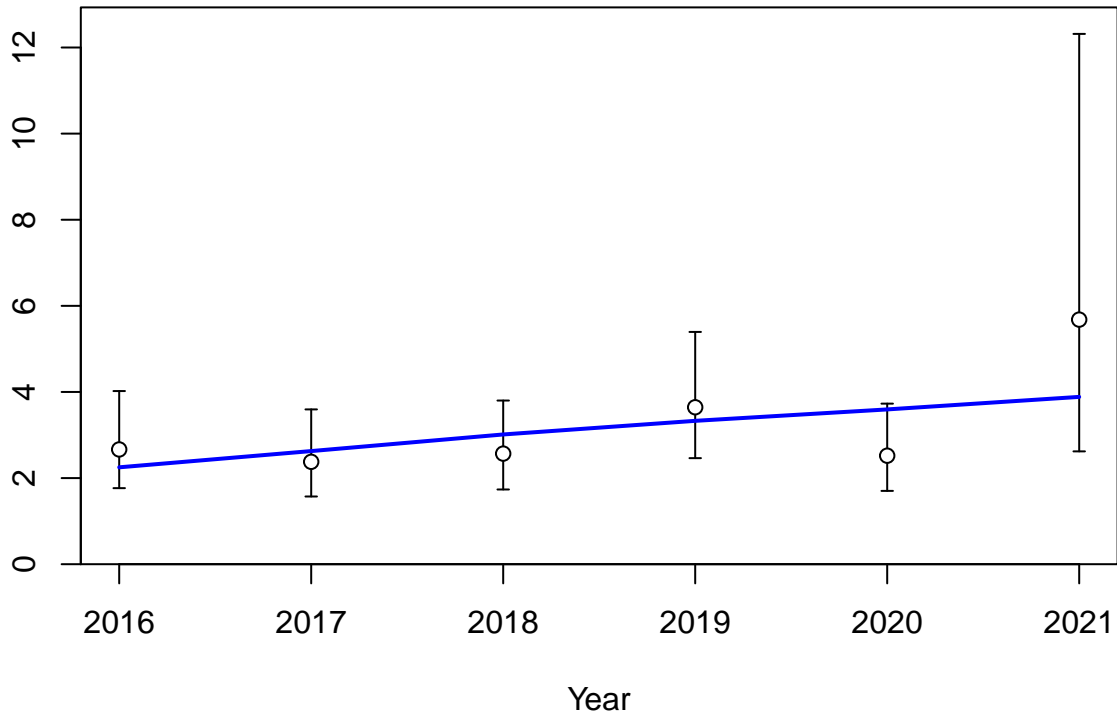
Fishing intensity: 1-SPR

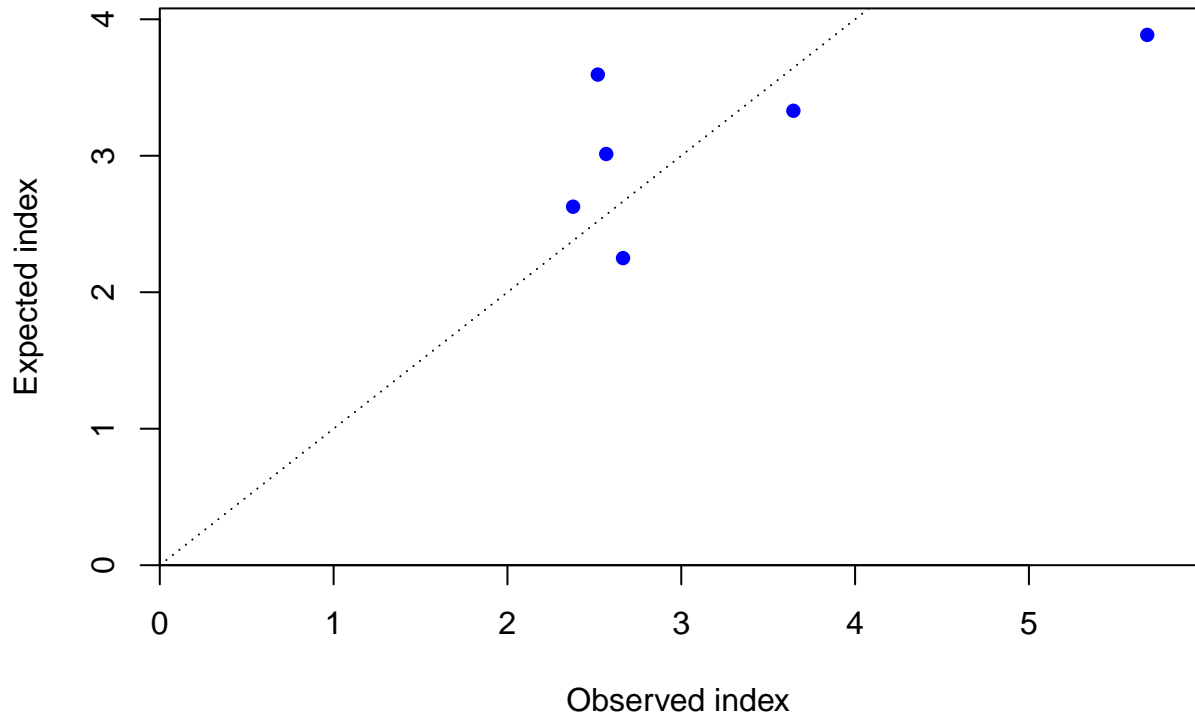


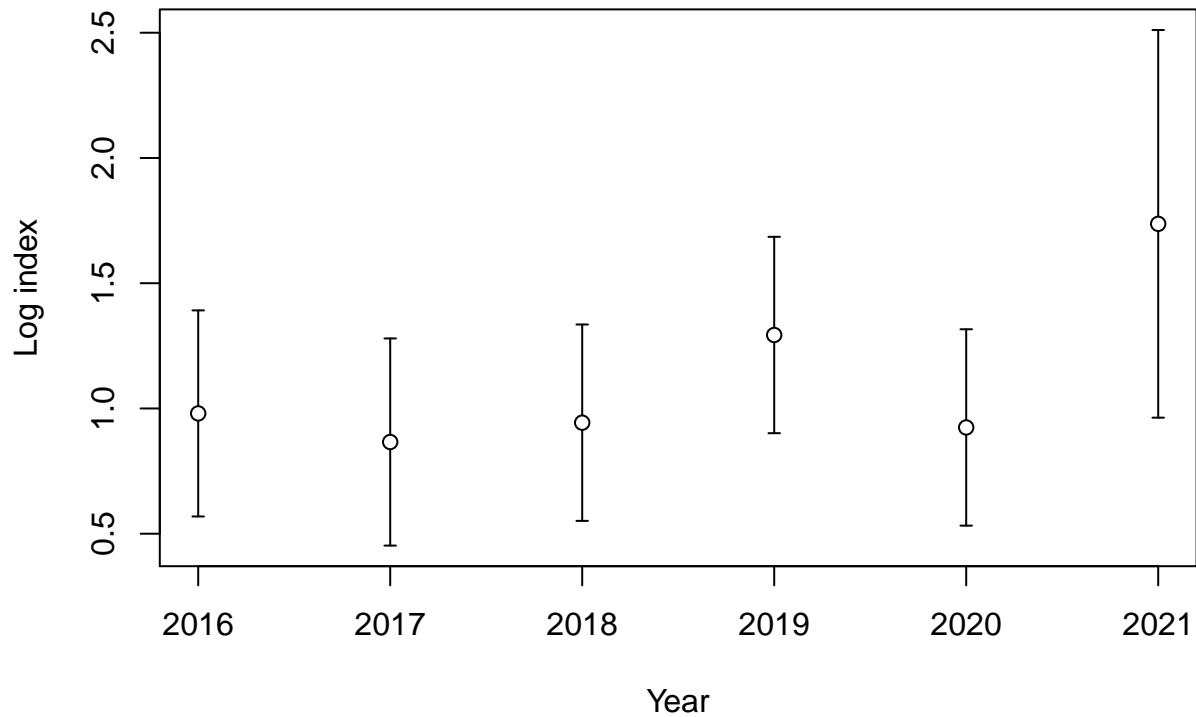
Index



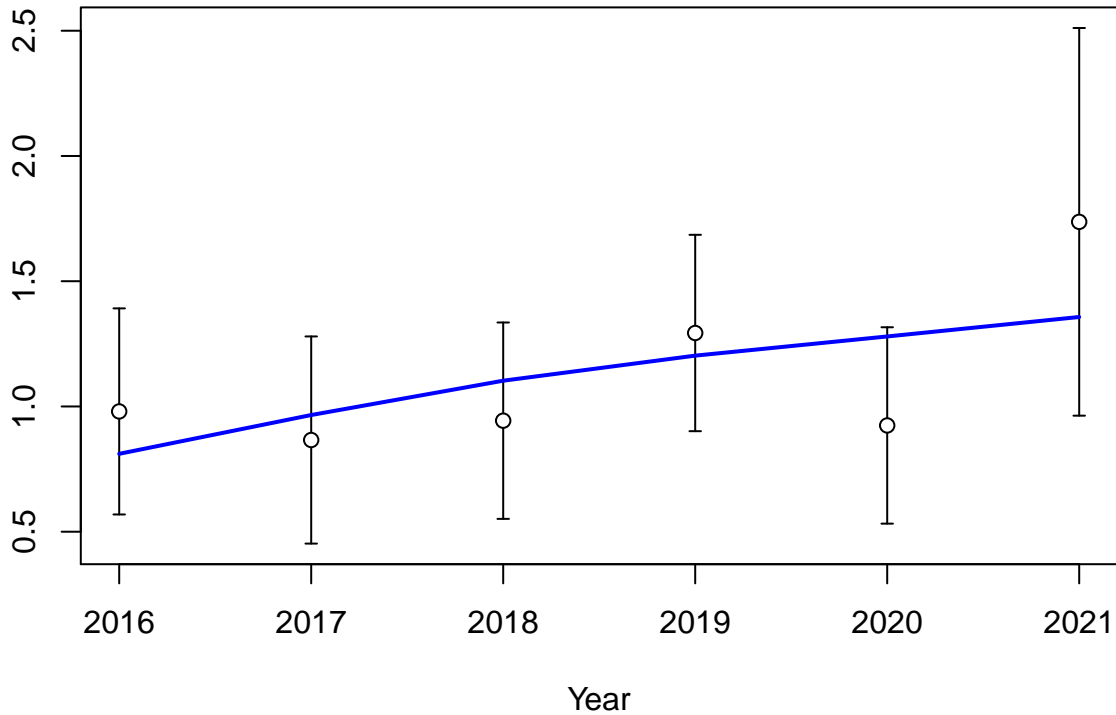
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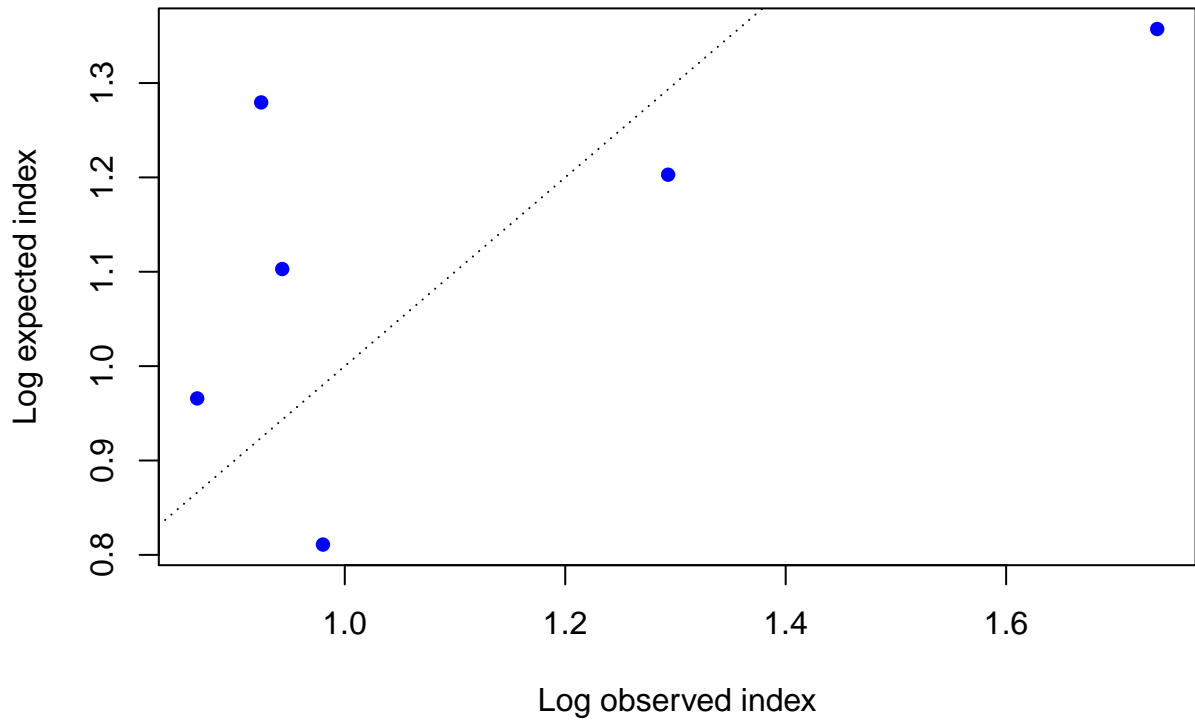




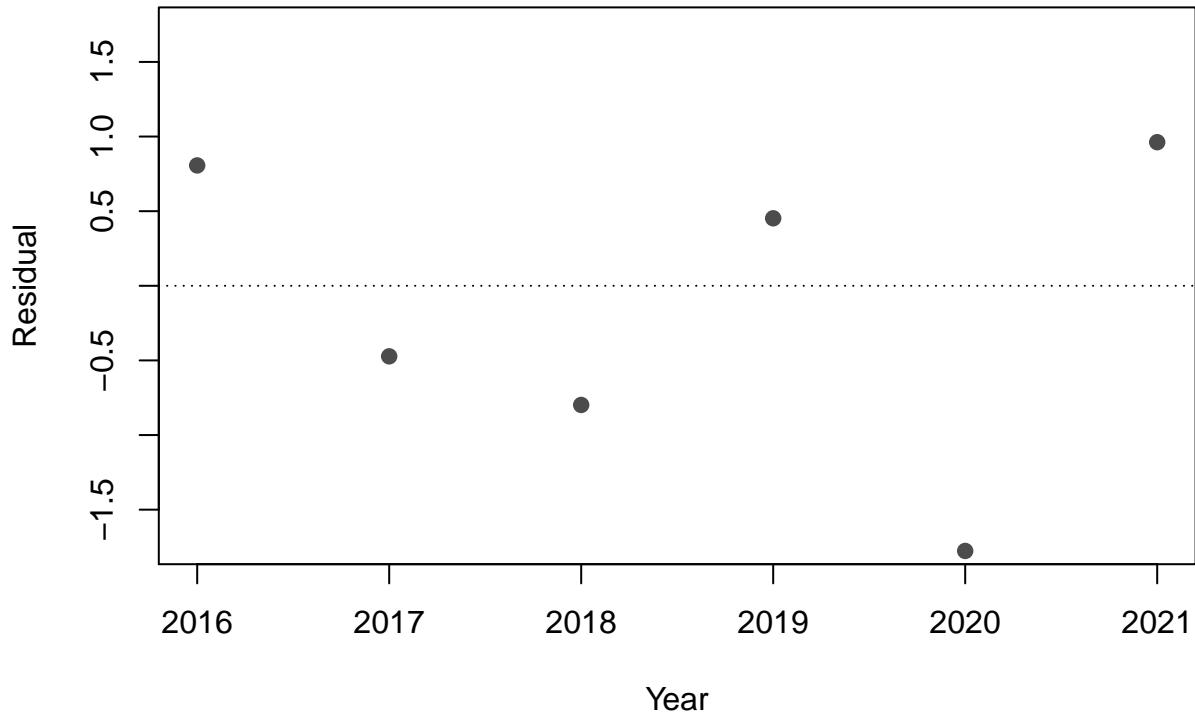


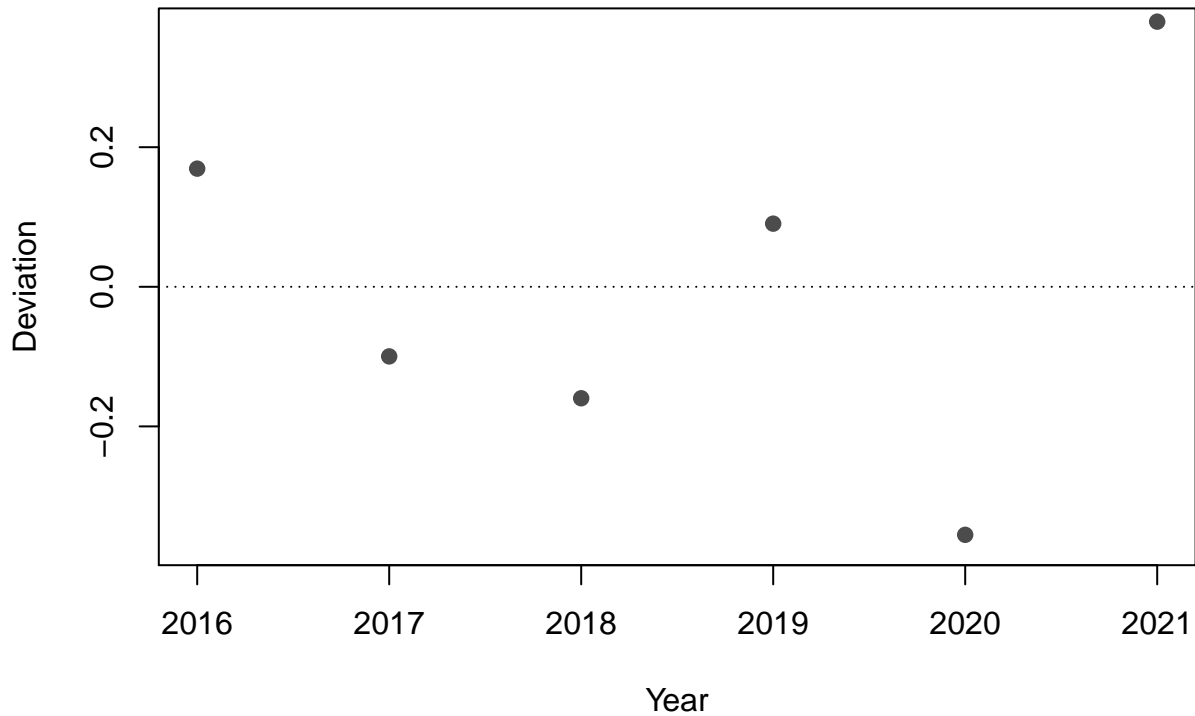
Log index

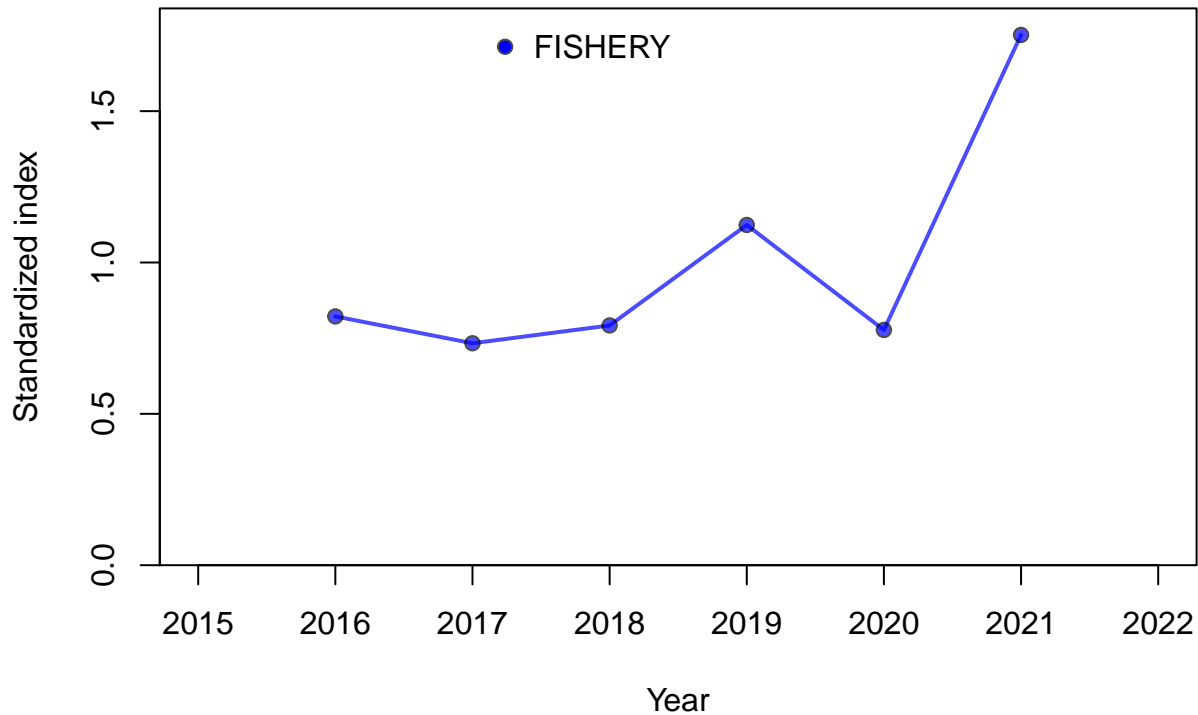


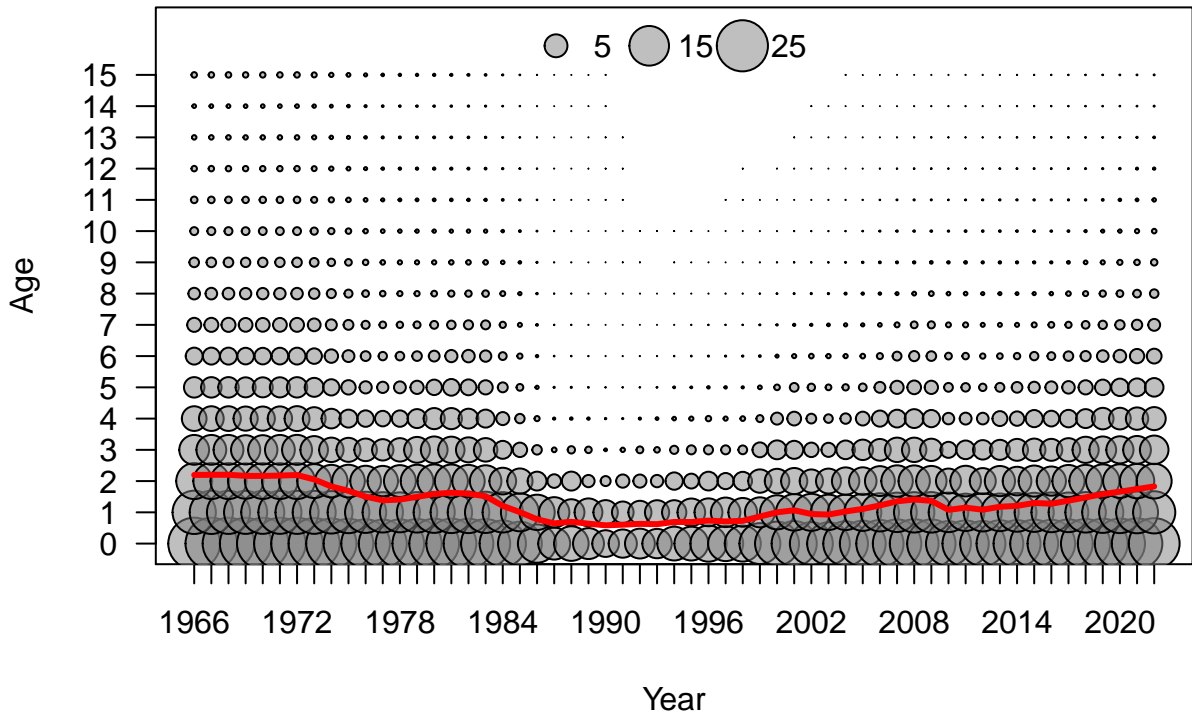




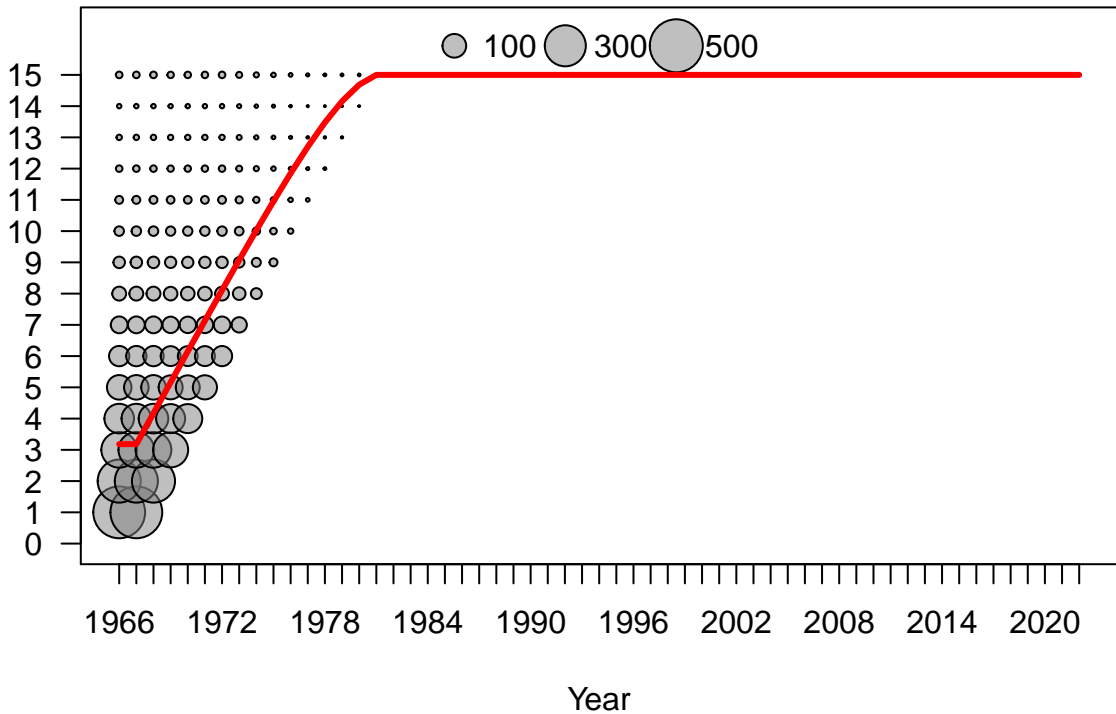


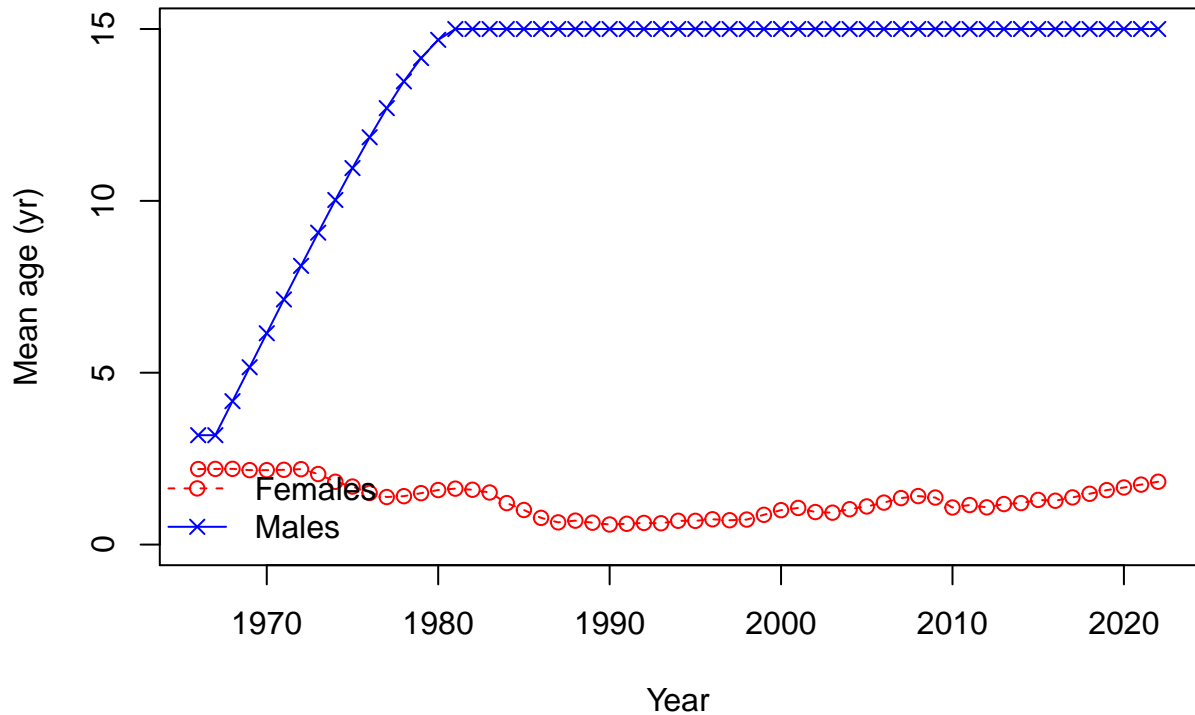




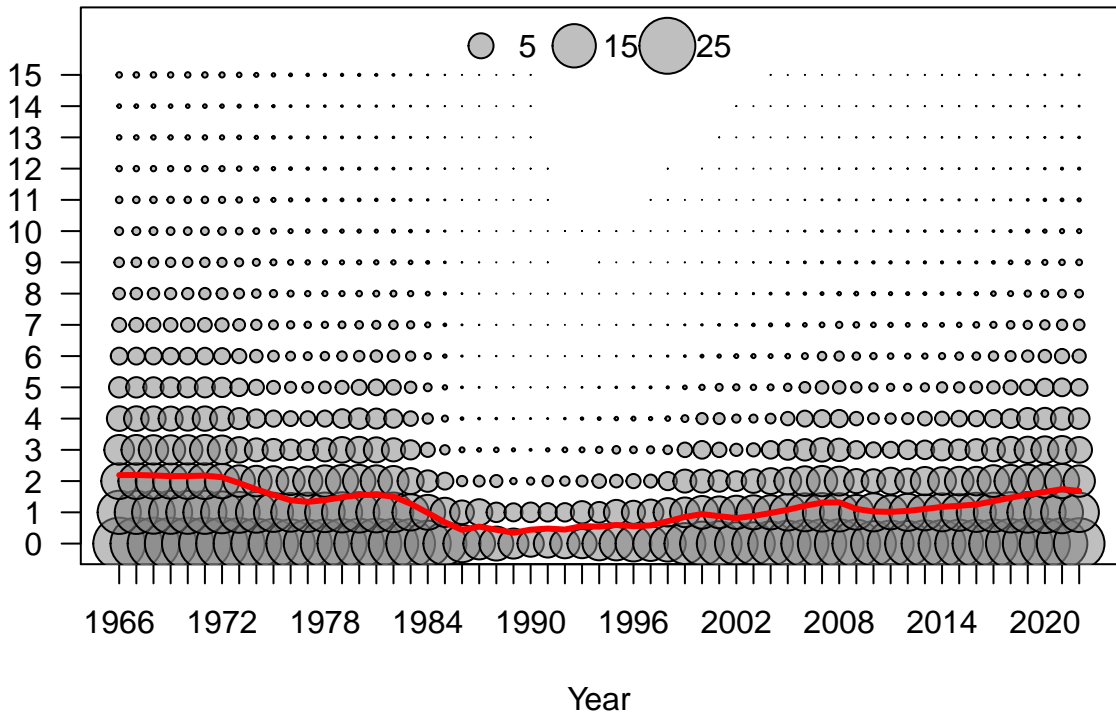


Age

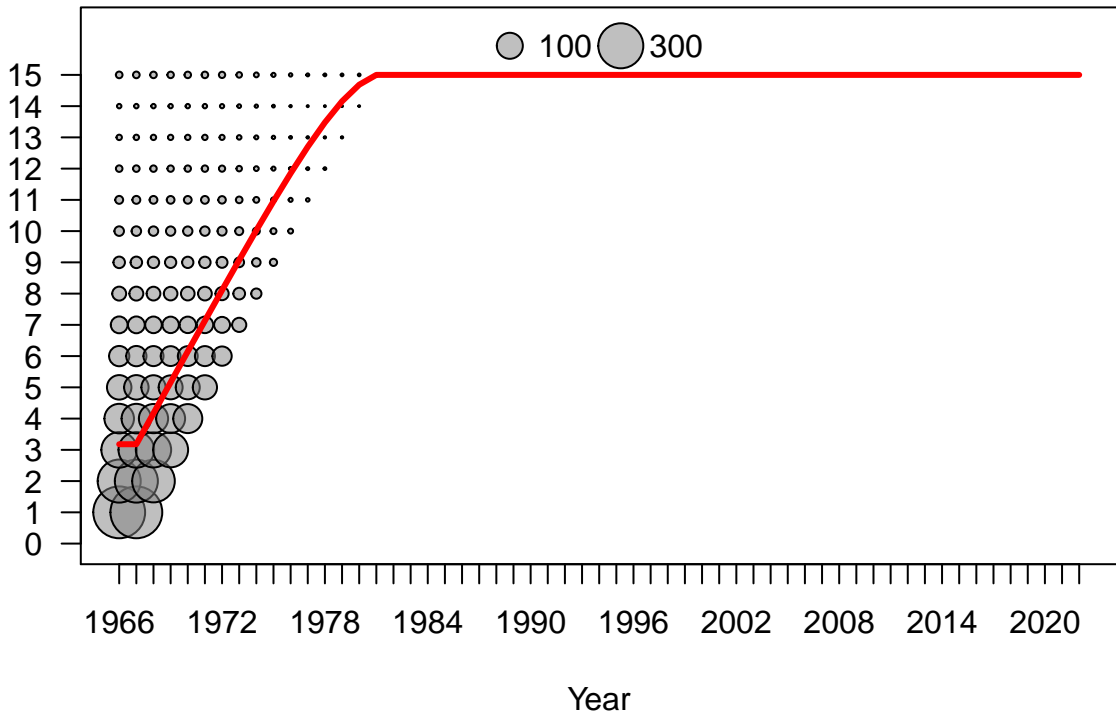




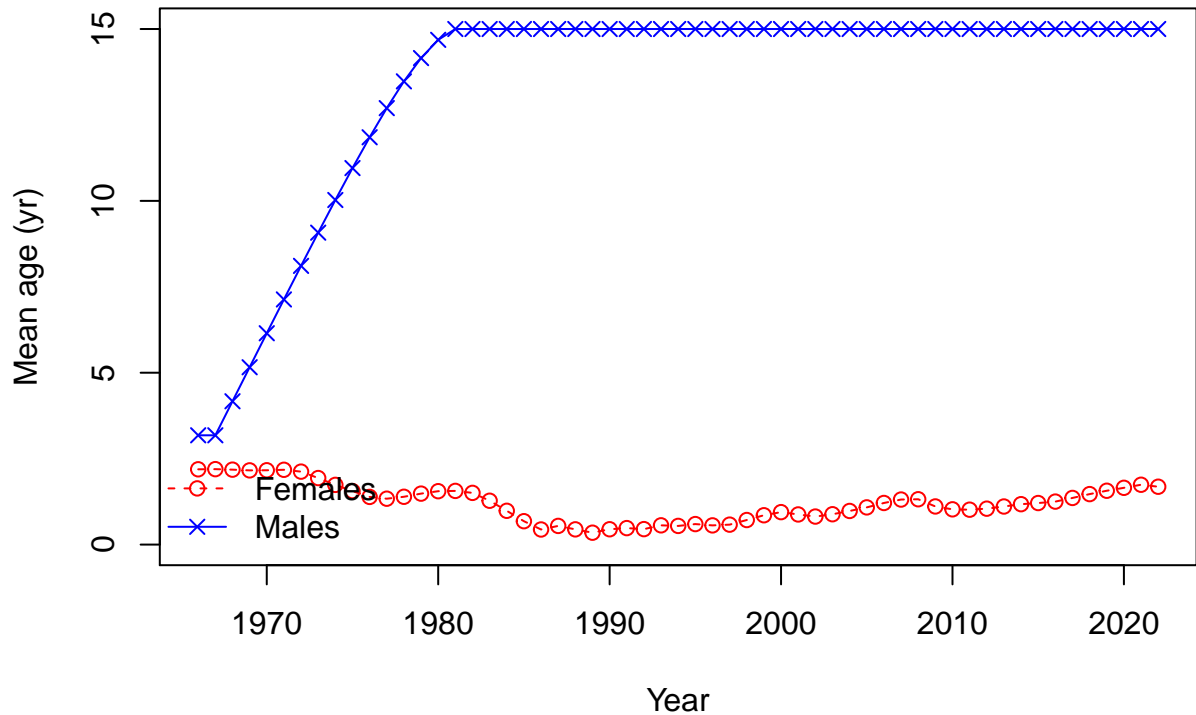
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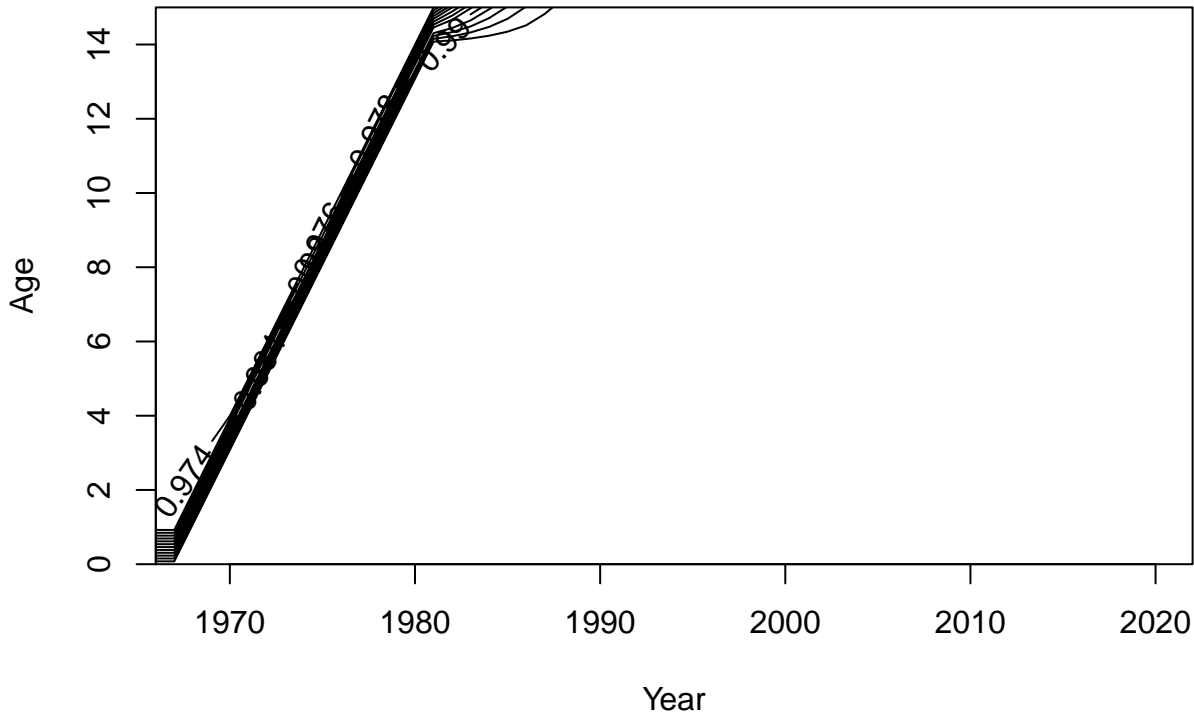


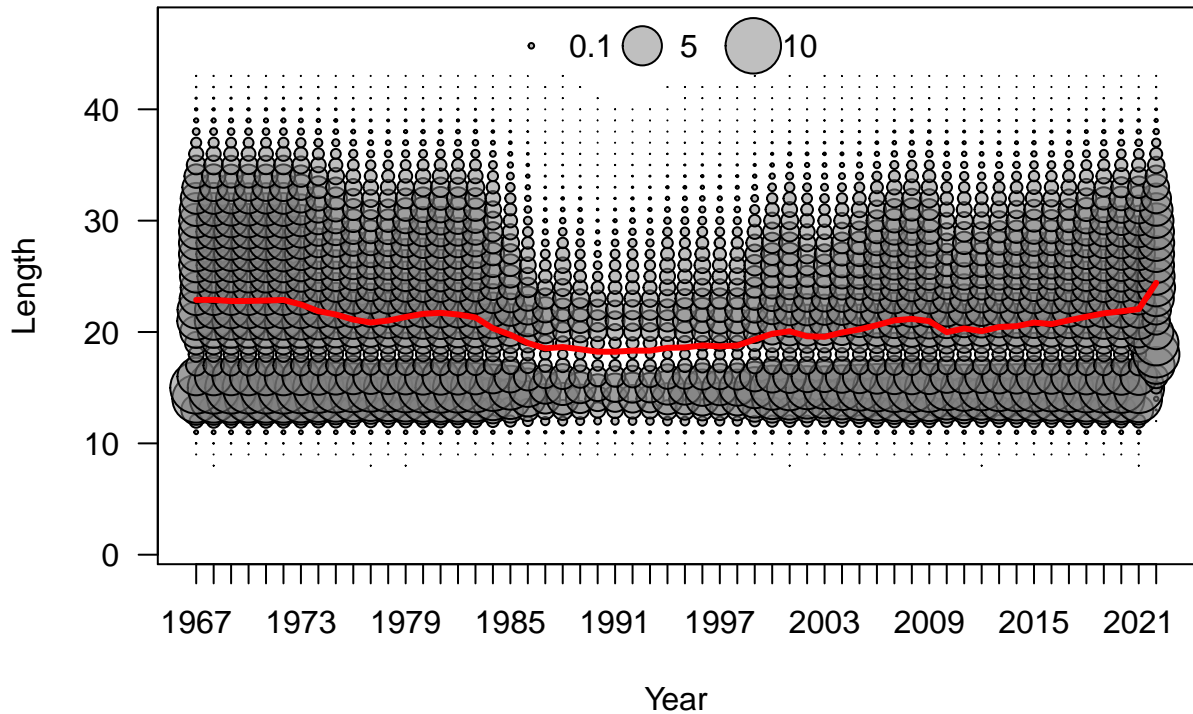
Age

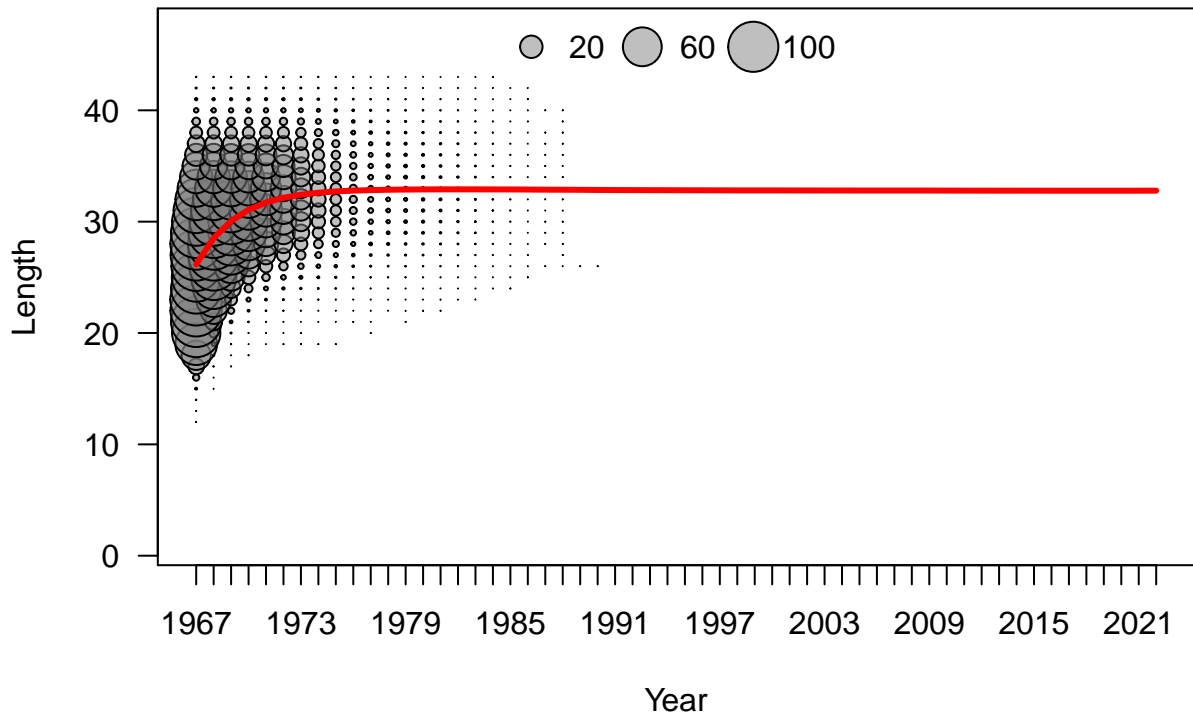


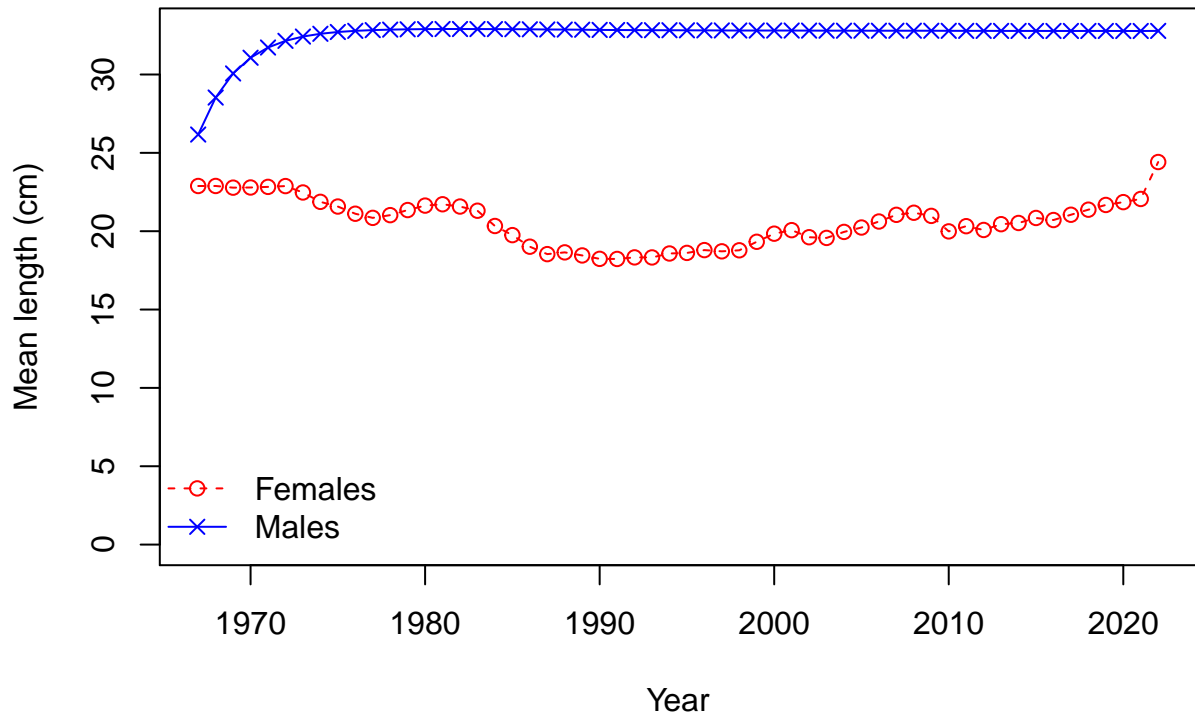


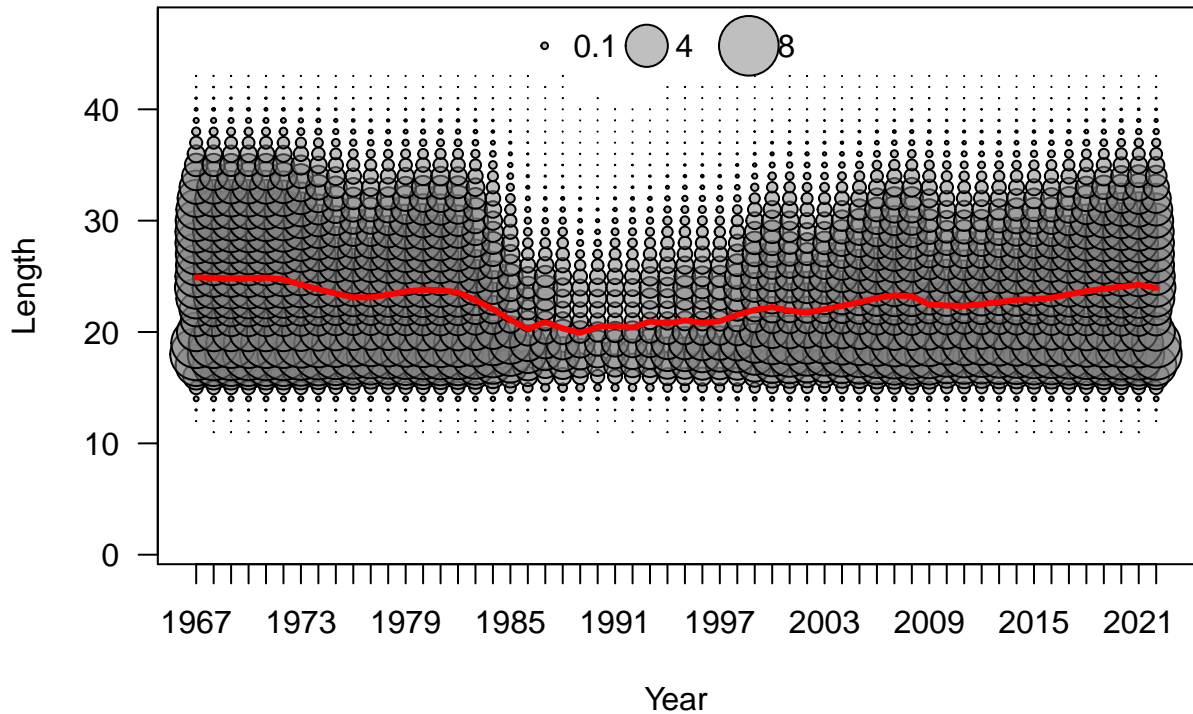


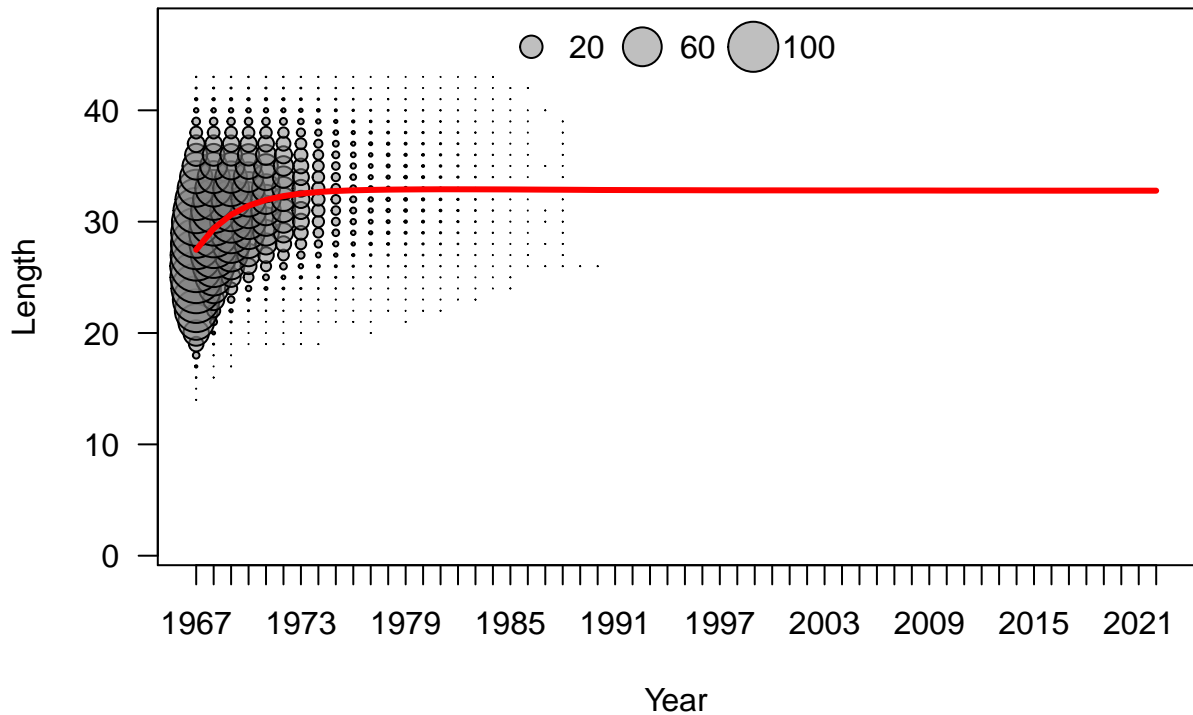


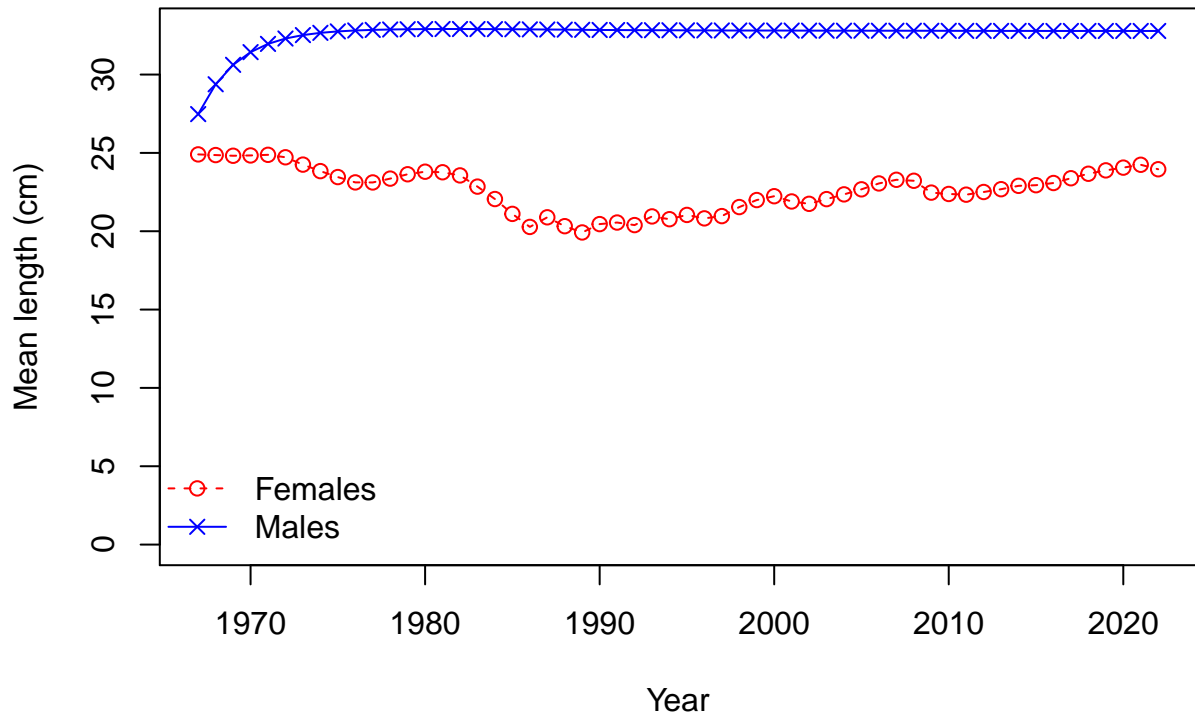






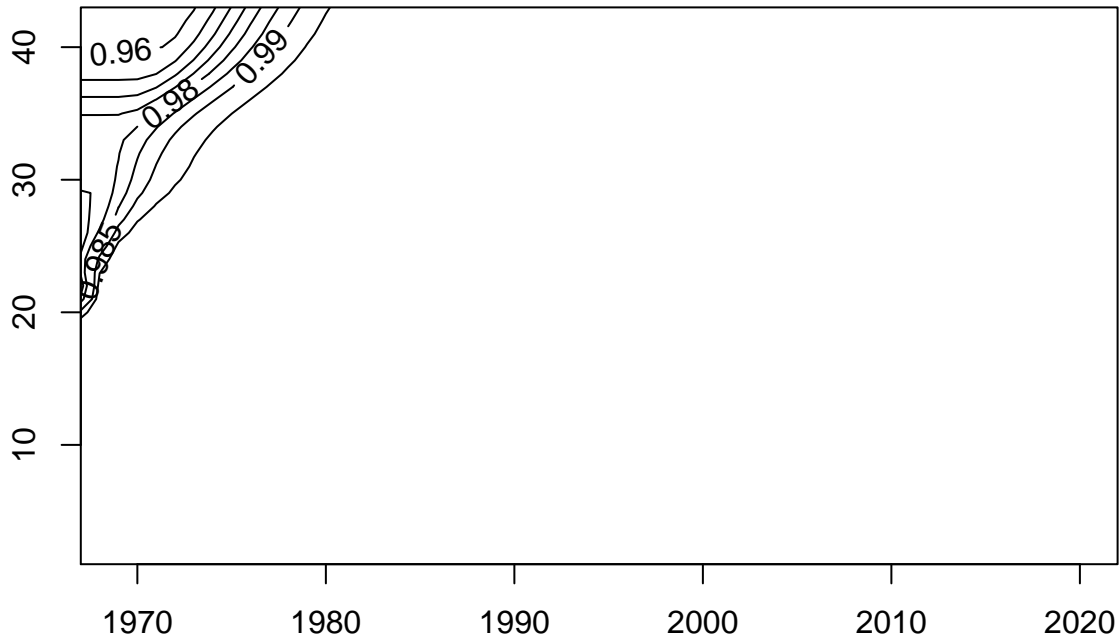




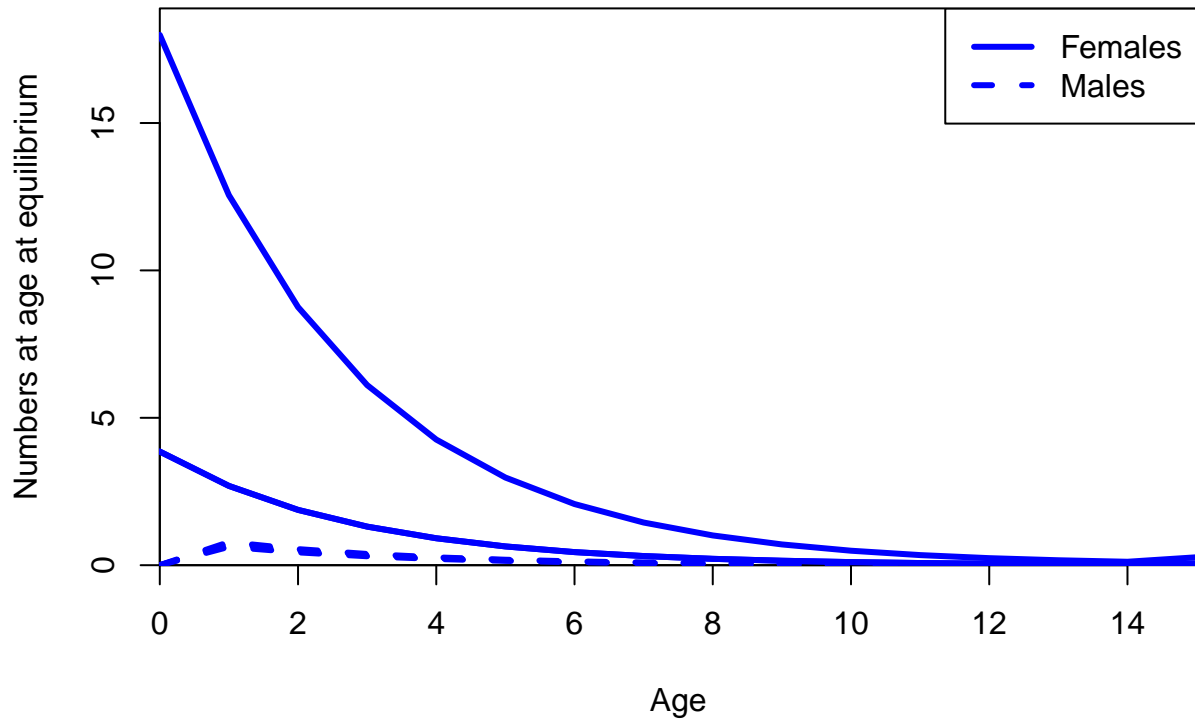




Length

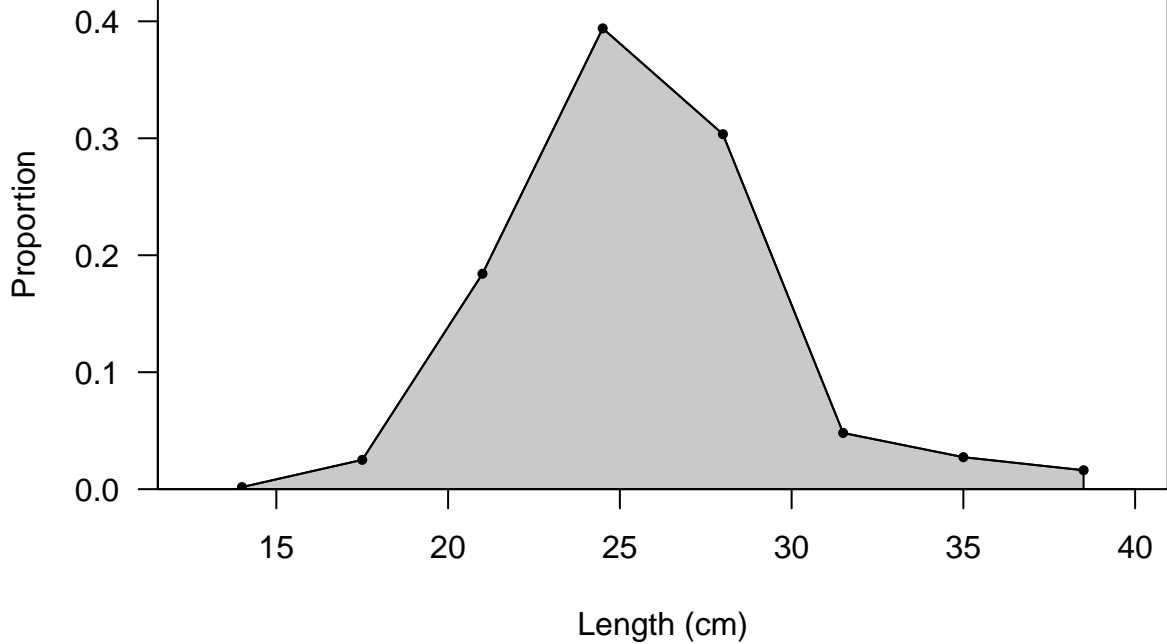


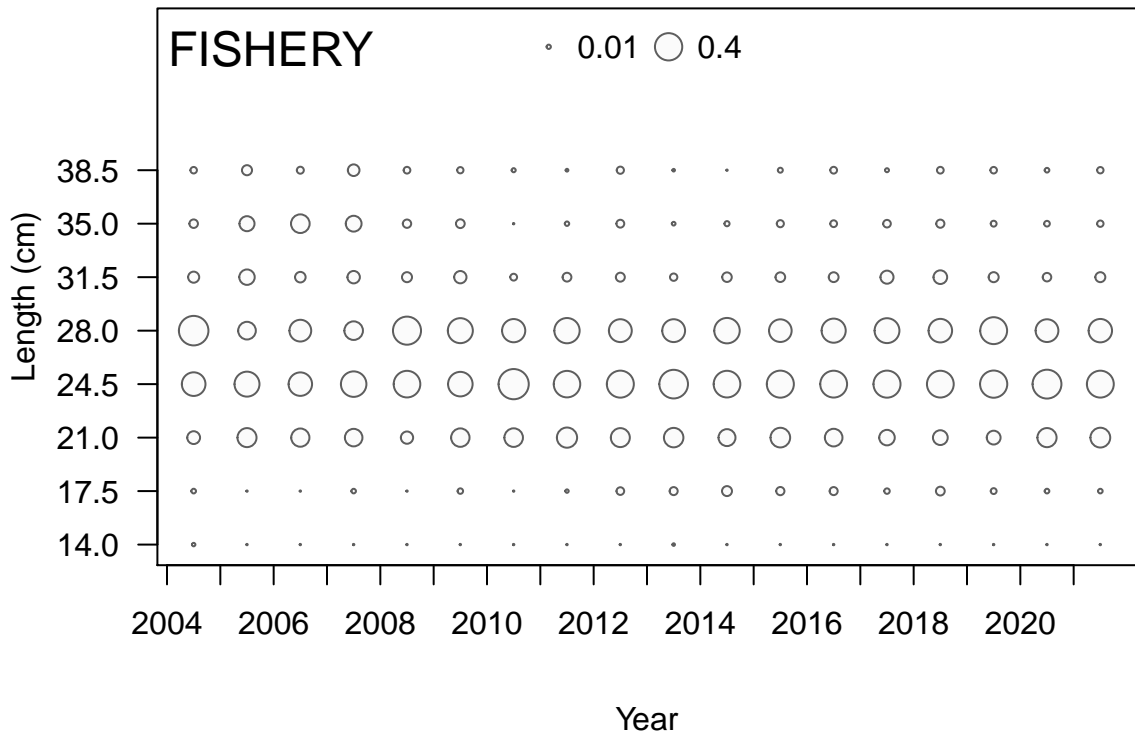
Year



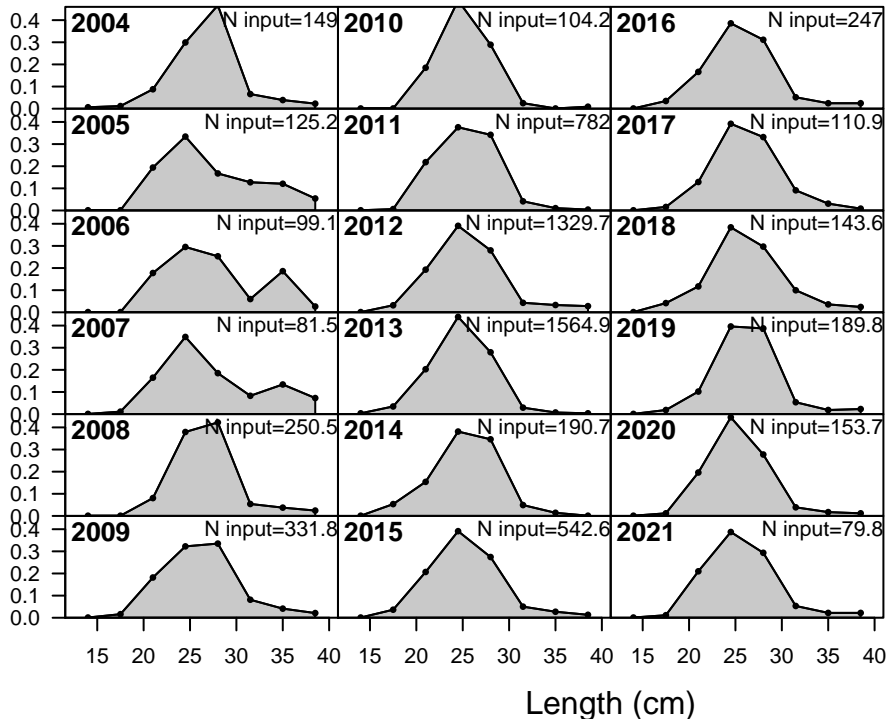
**FISHERY**

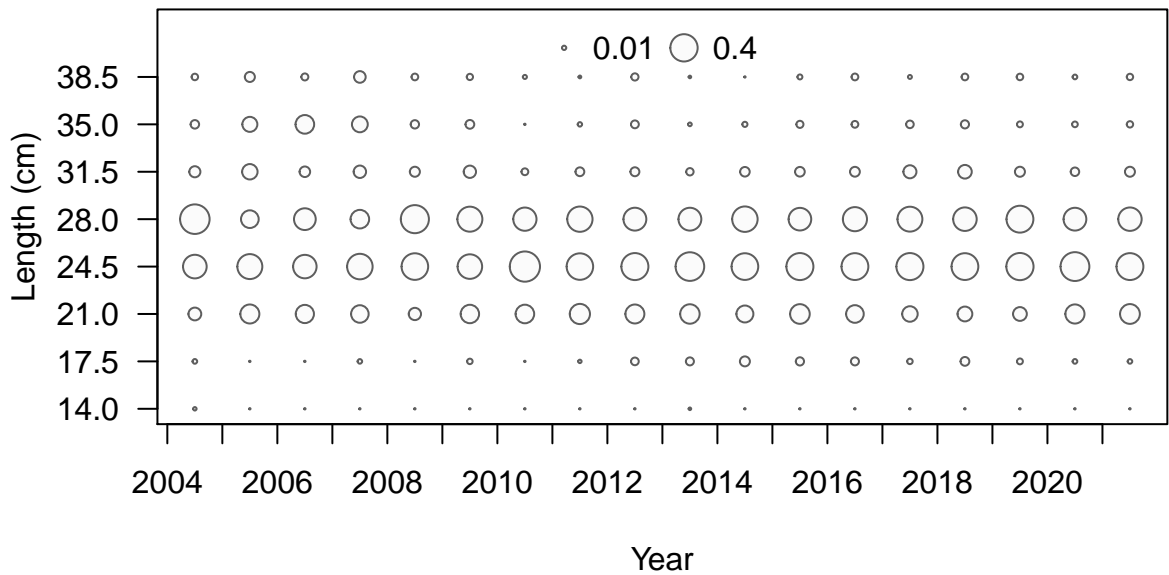
Sum of N input=6476



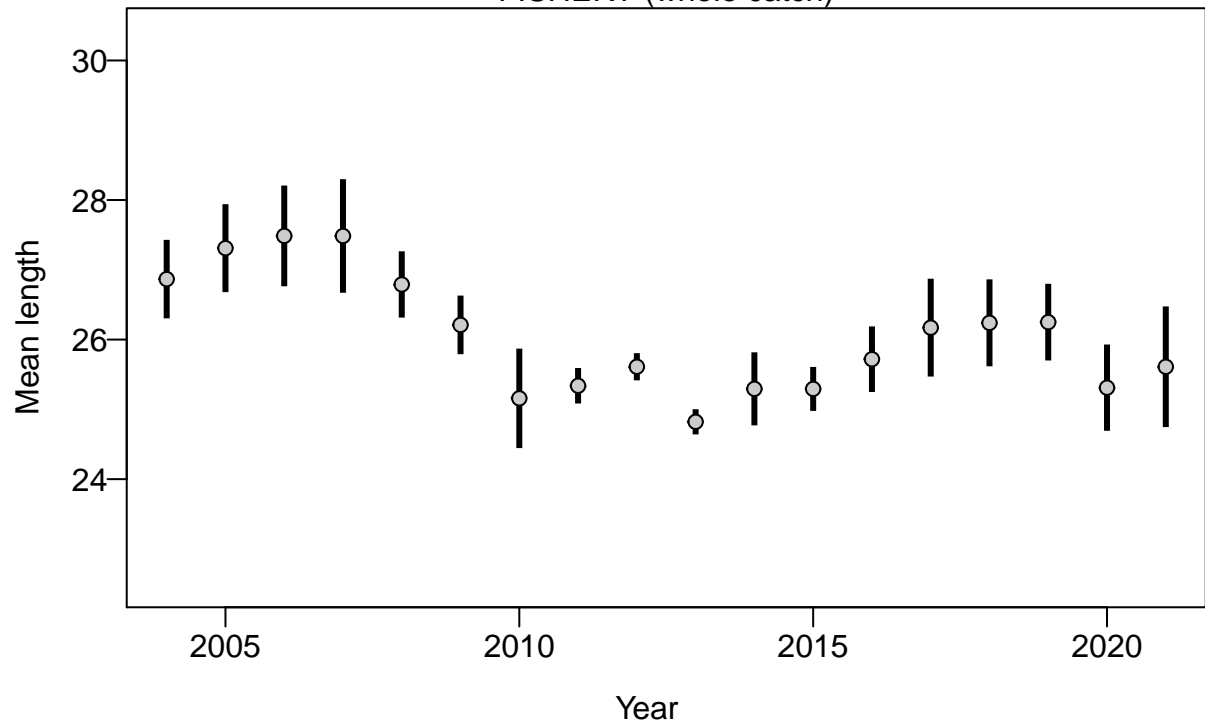


Proportion



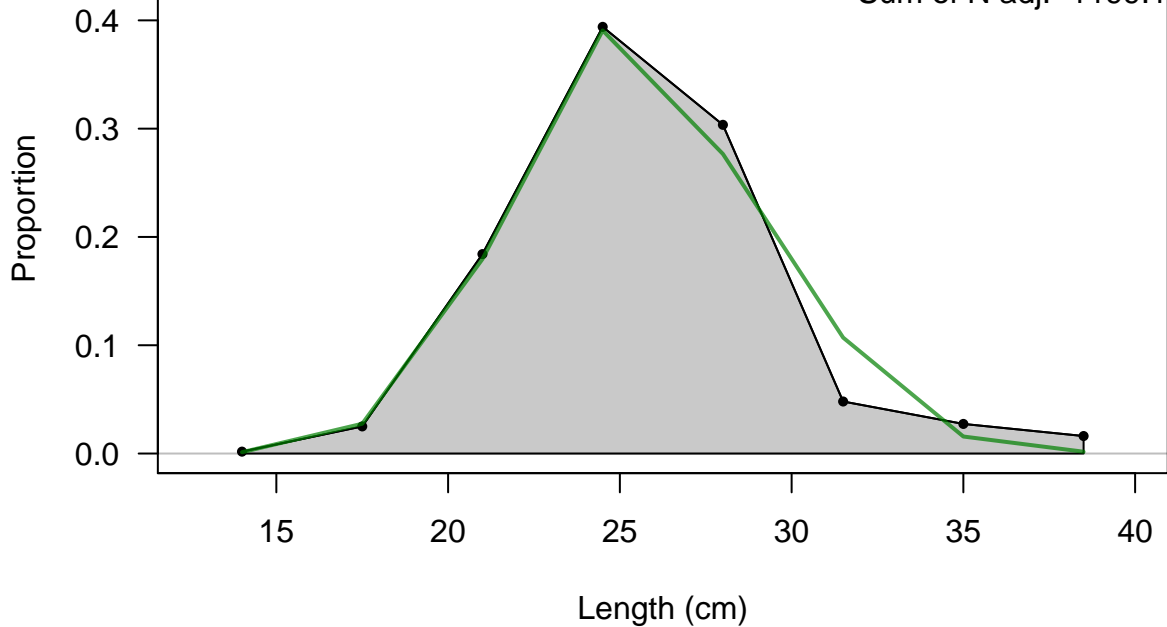


## FISHERY (whole catch)

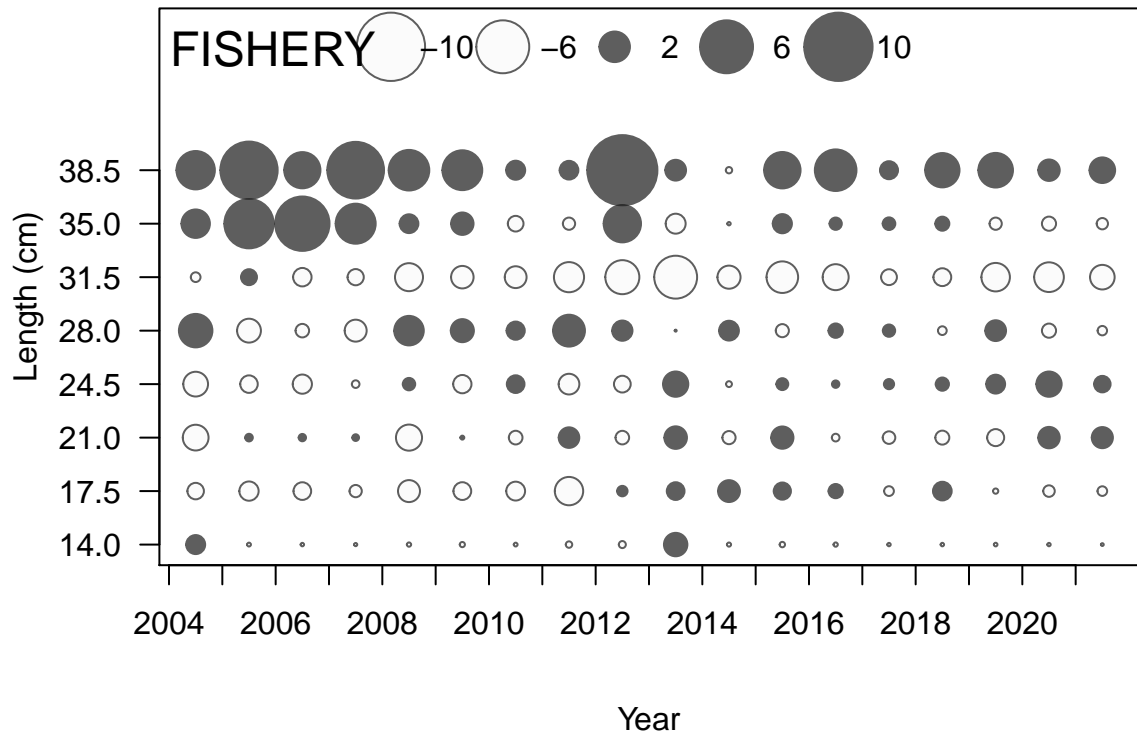


# FISHERY

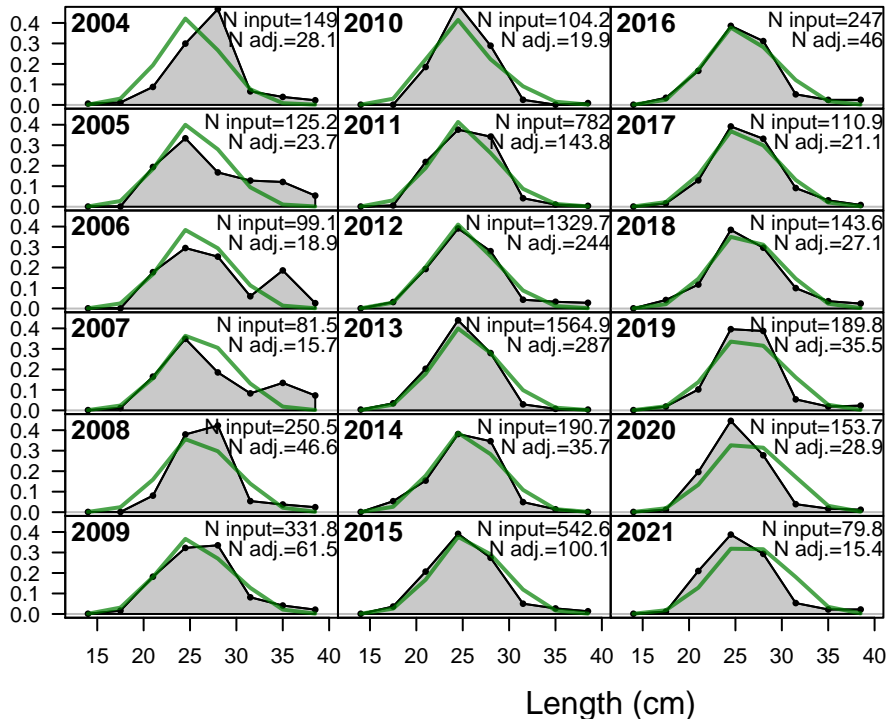
Sum of N input=6476  
Sum of N adj.=1199.1

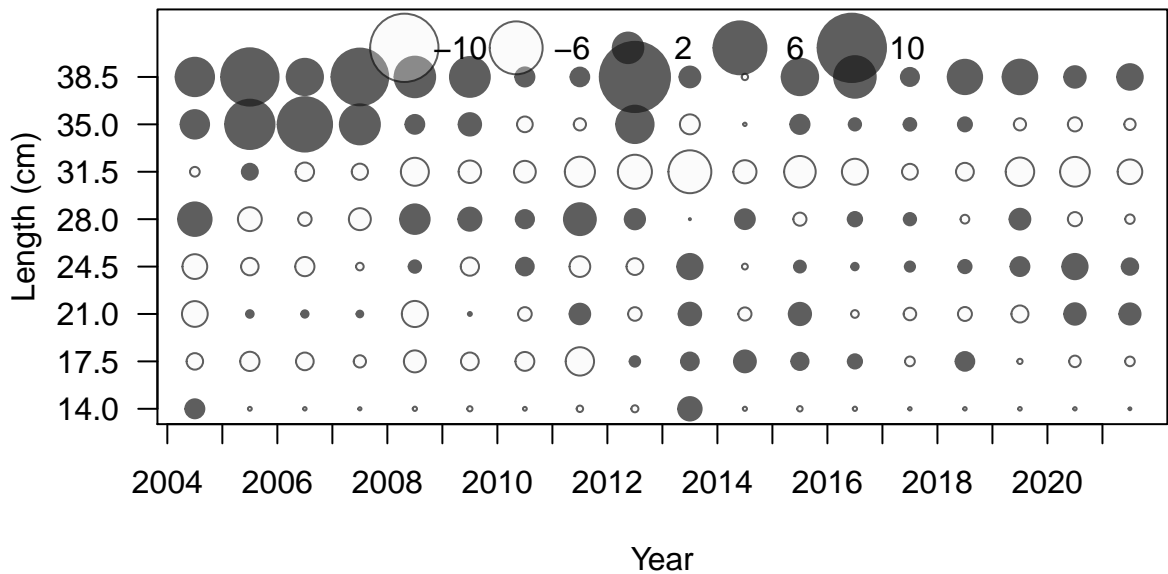




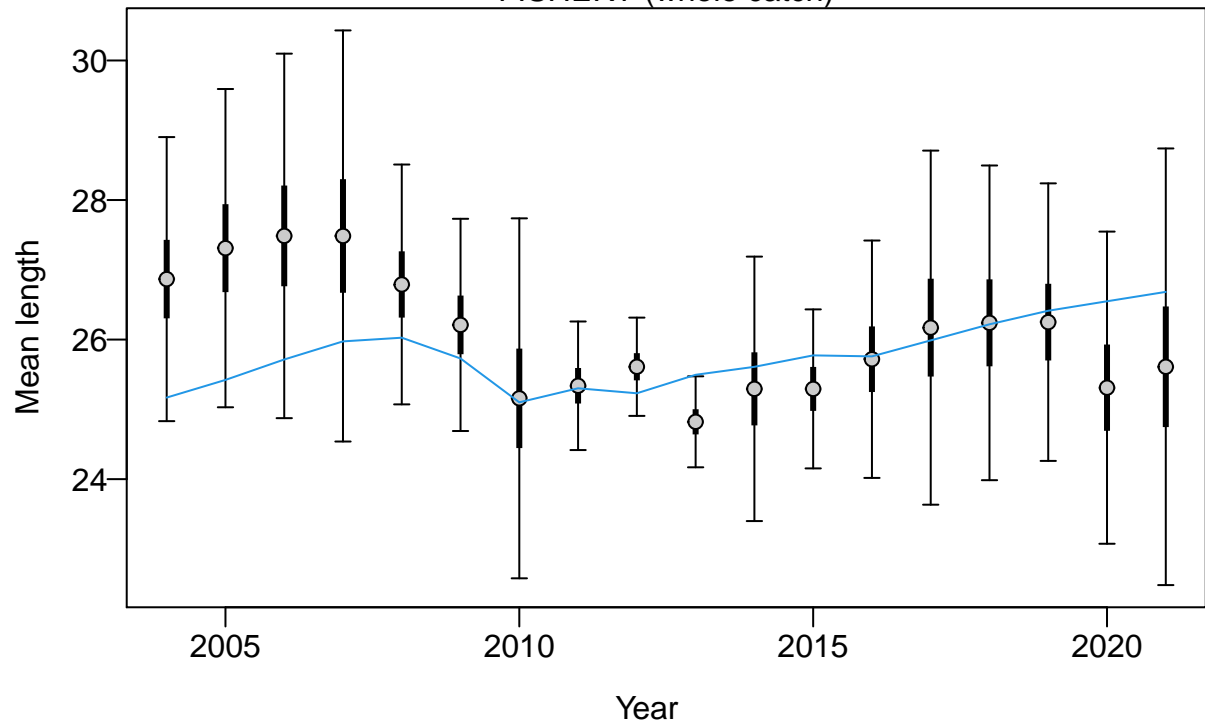


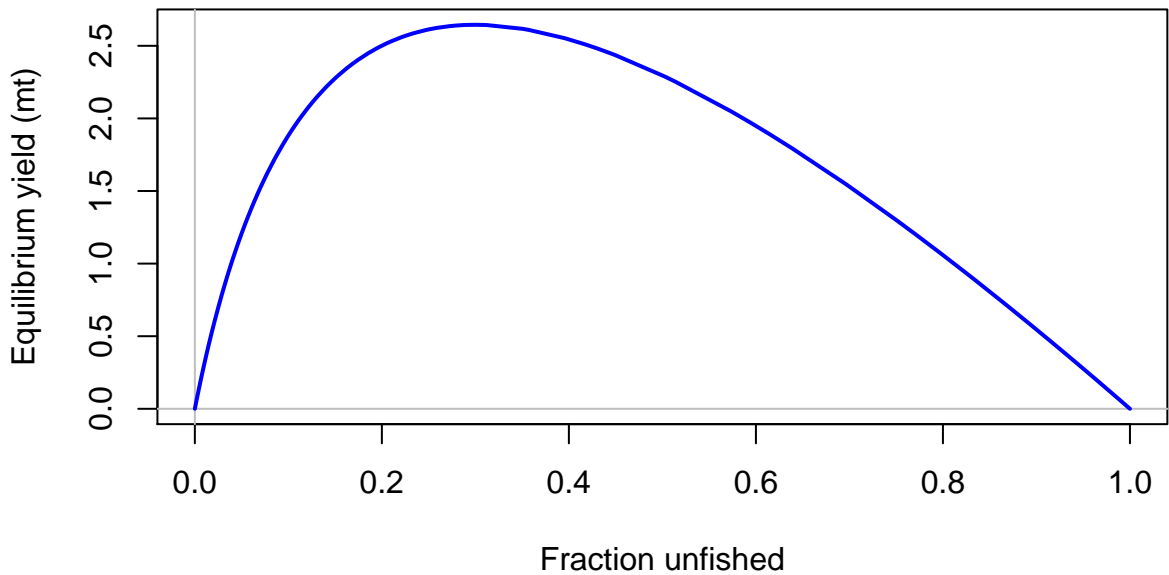
Proportion

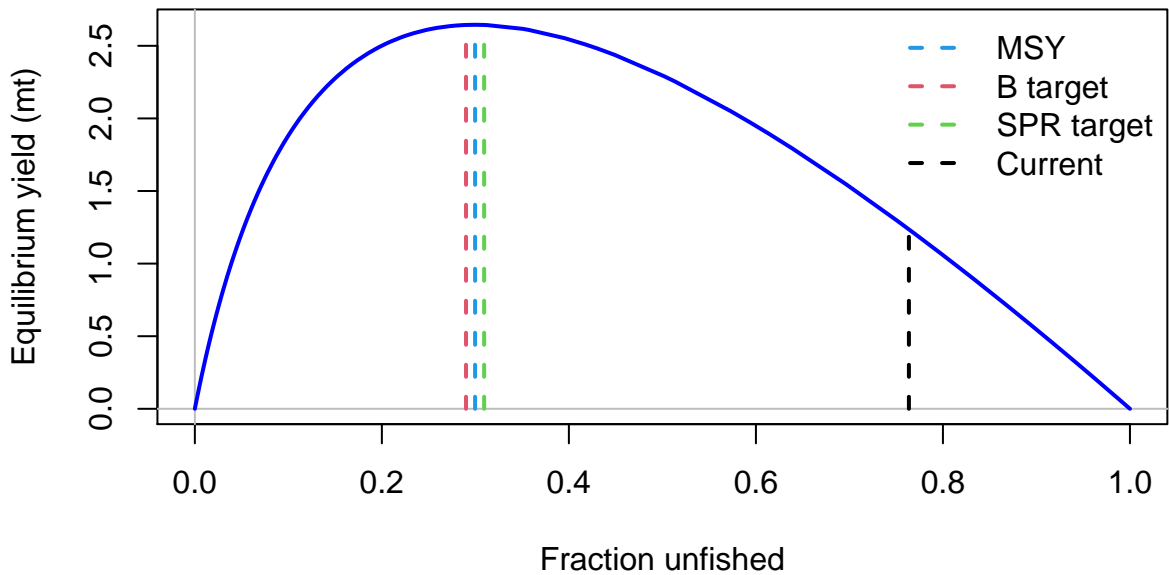




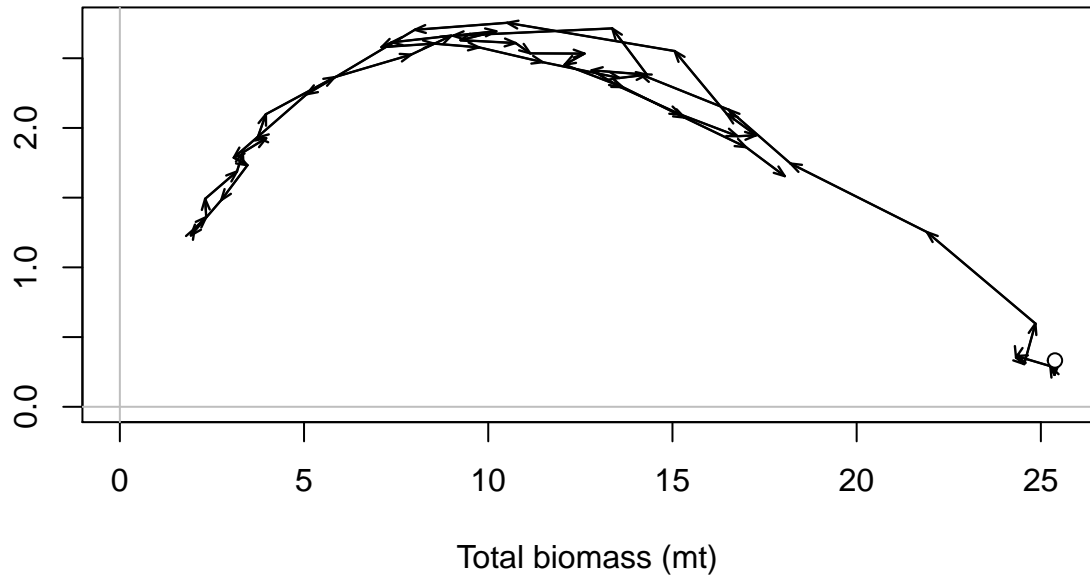
## FISHERY (whole catch)

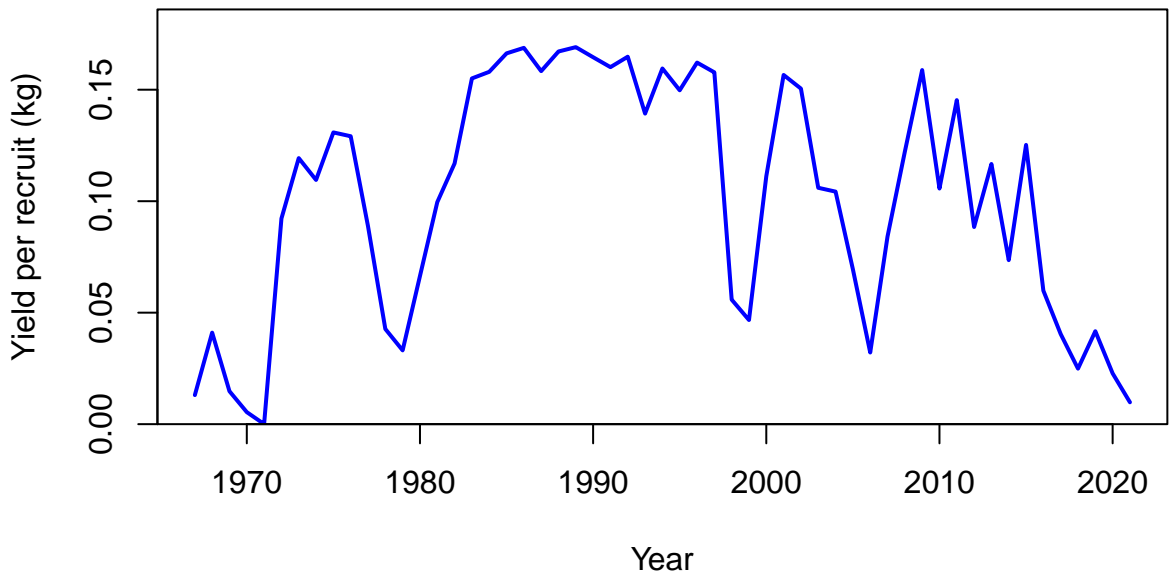




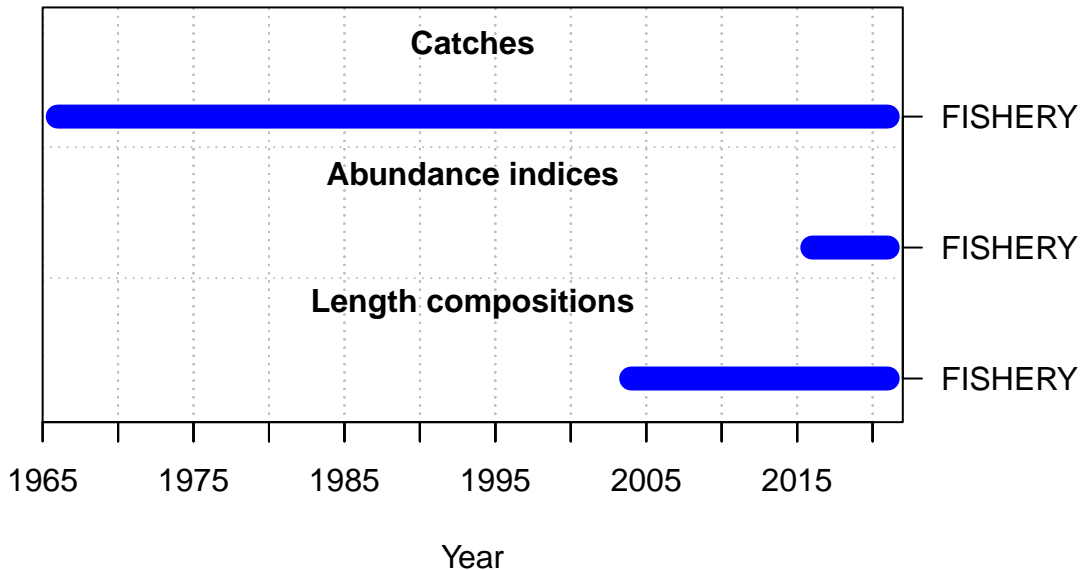


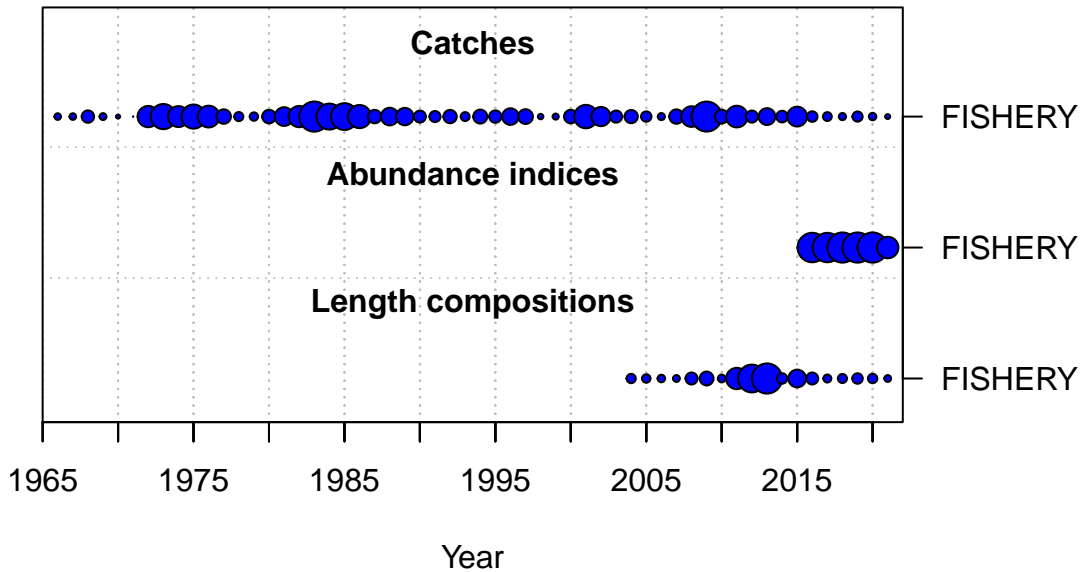
Surplus production (mt)







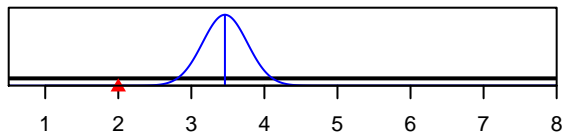




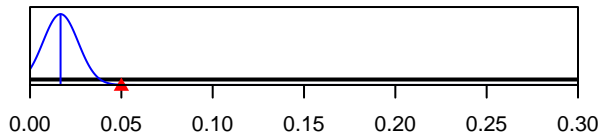
SR\_LN(R0)



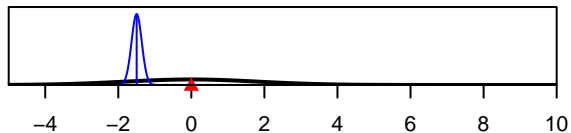
Size\_95%width\_FISHERY(1)



InitF\_seas\_1flt\_1FISHERY



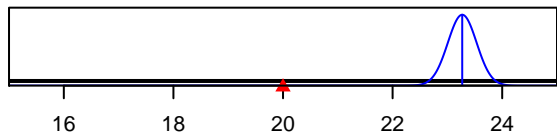
ln(DM\_theta)\_1



LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Parameter value