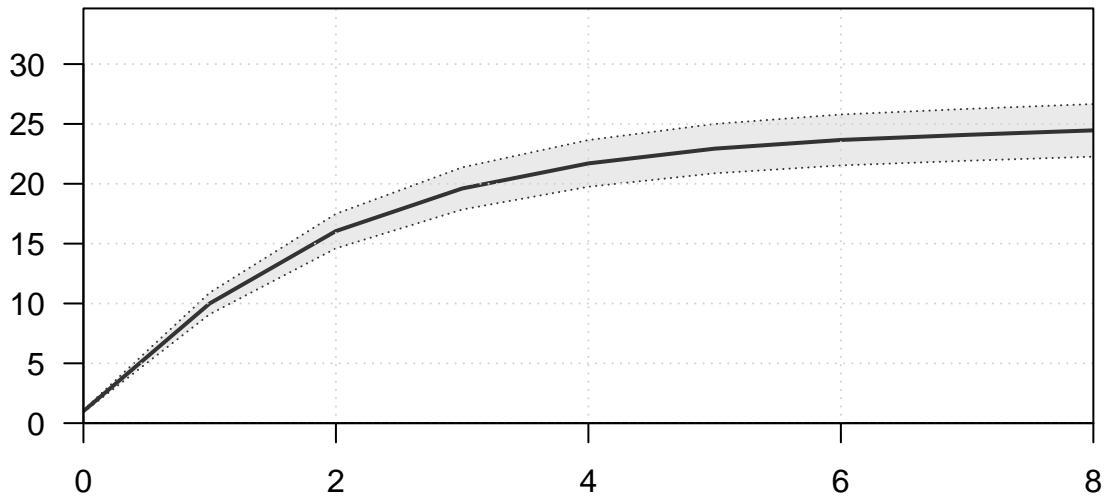
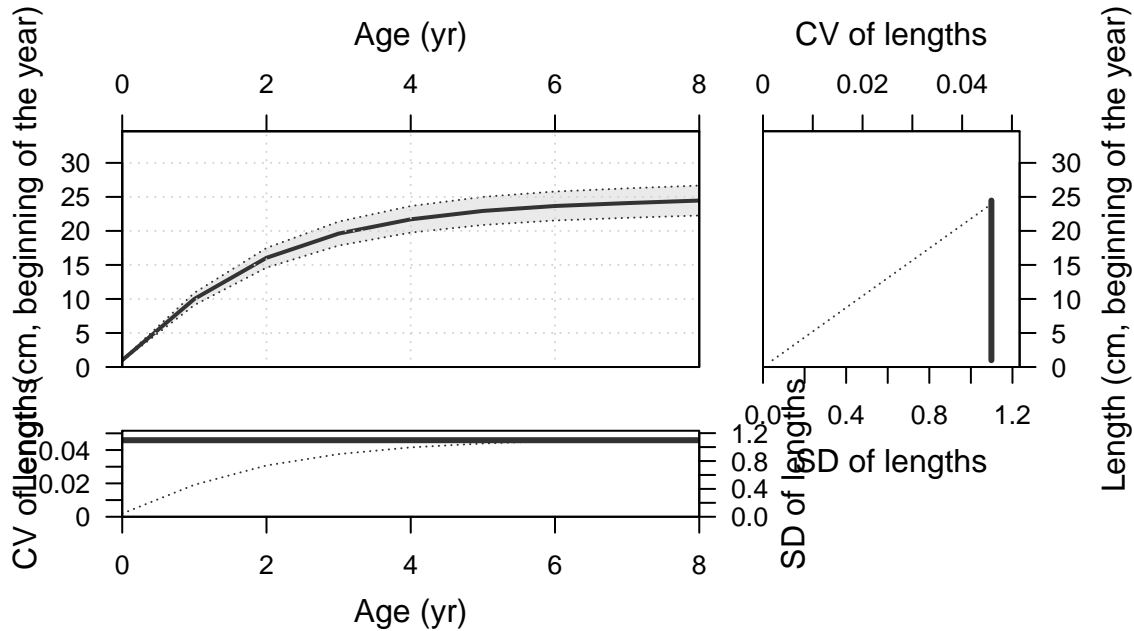


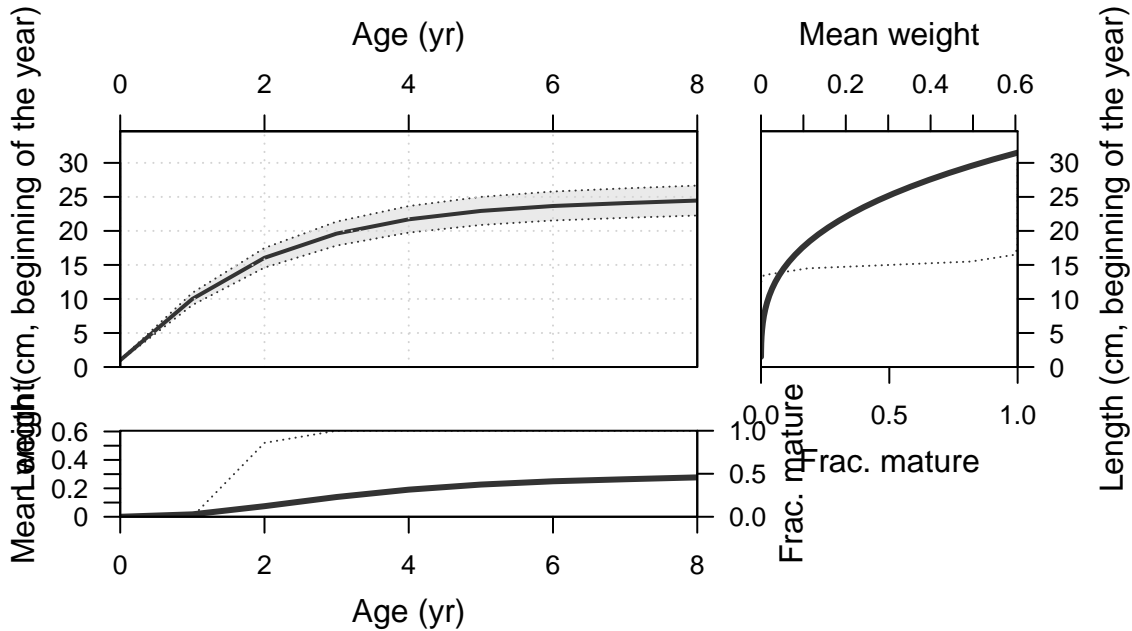
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Thu Sep 22 09:47:11 2022  
Data\_File: data.ss  
Control\_File: control.ss

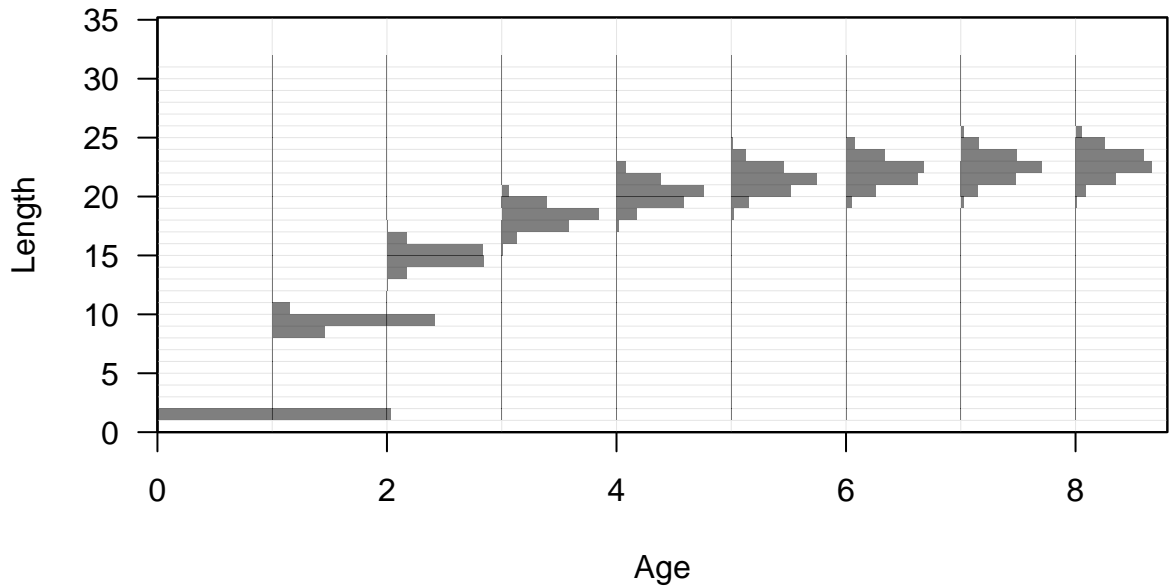
Length (cm, beginning of the year)

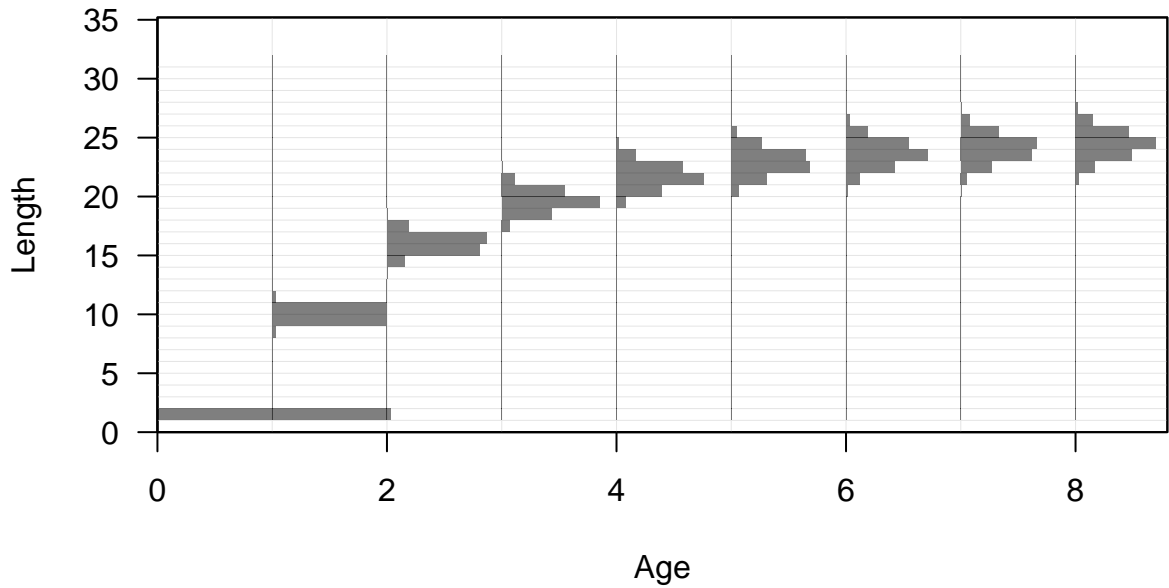


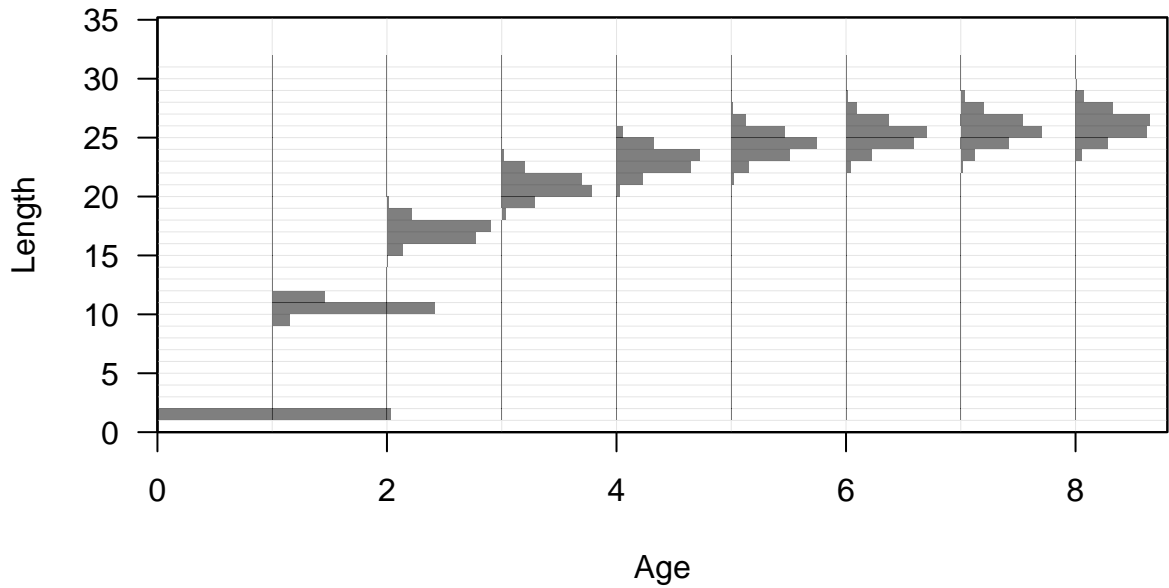
Age (yr)

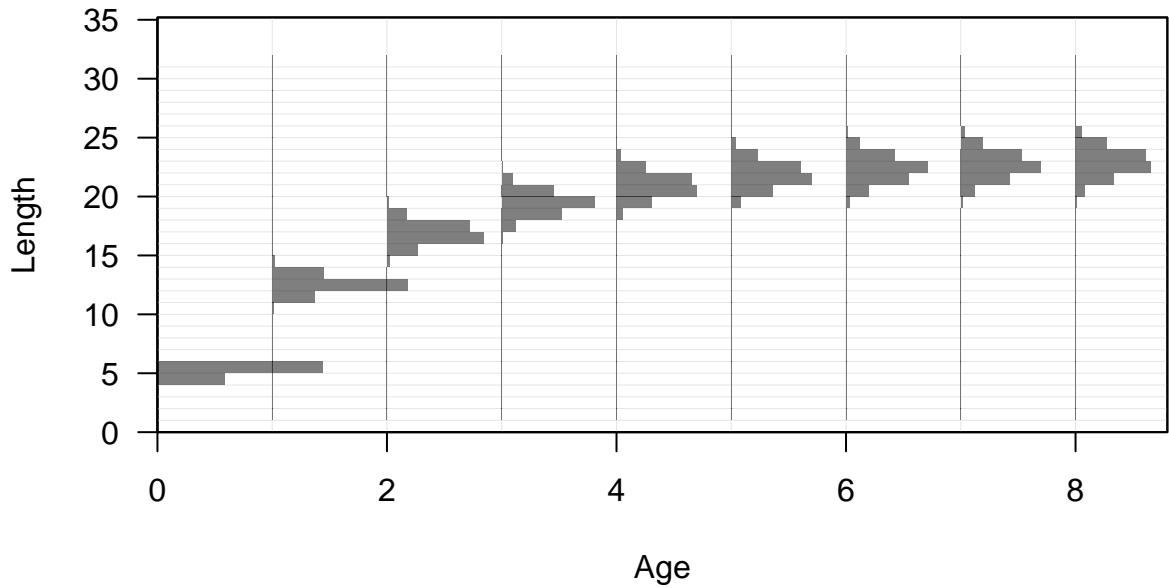




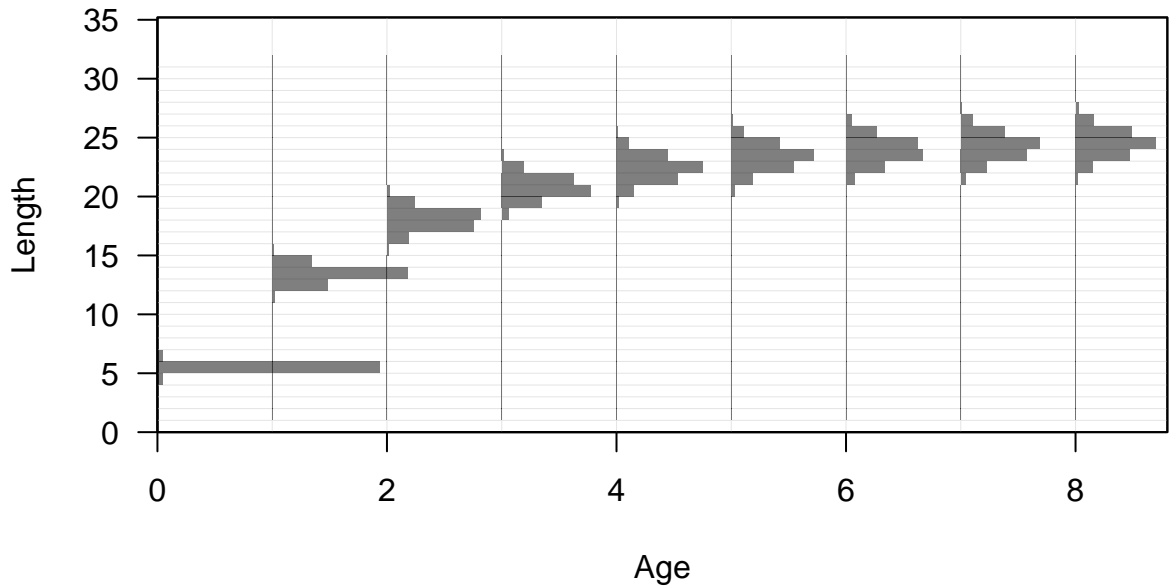


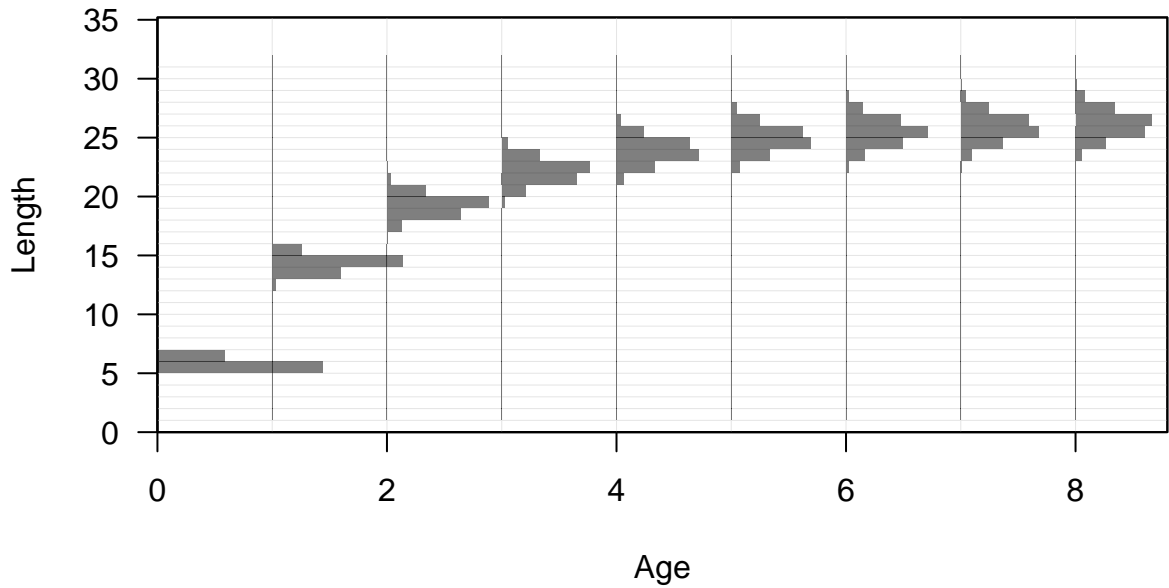






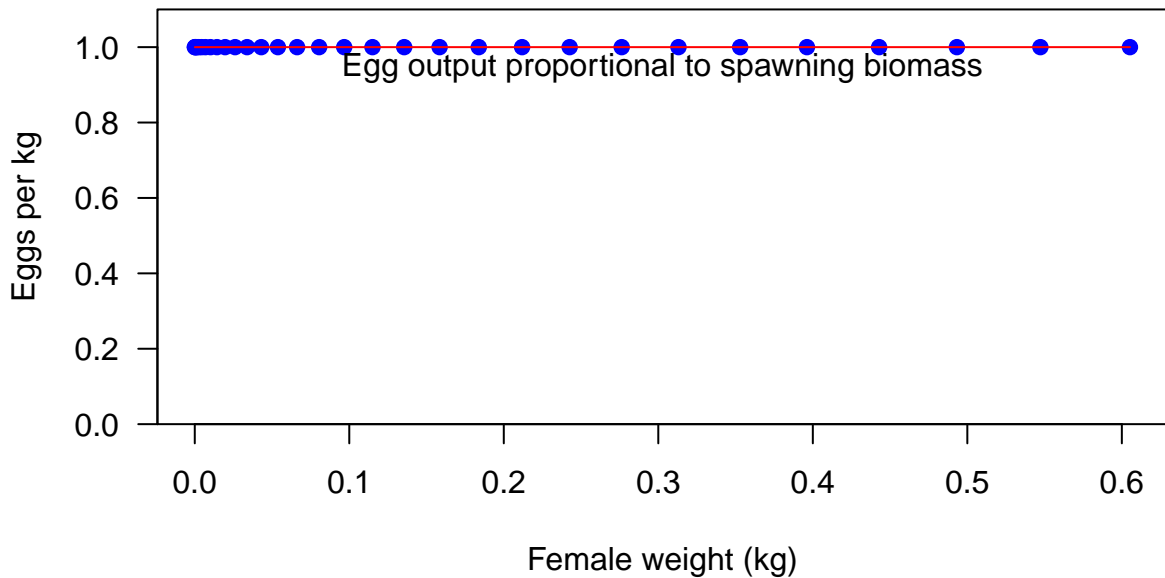








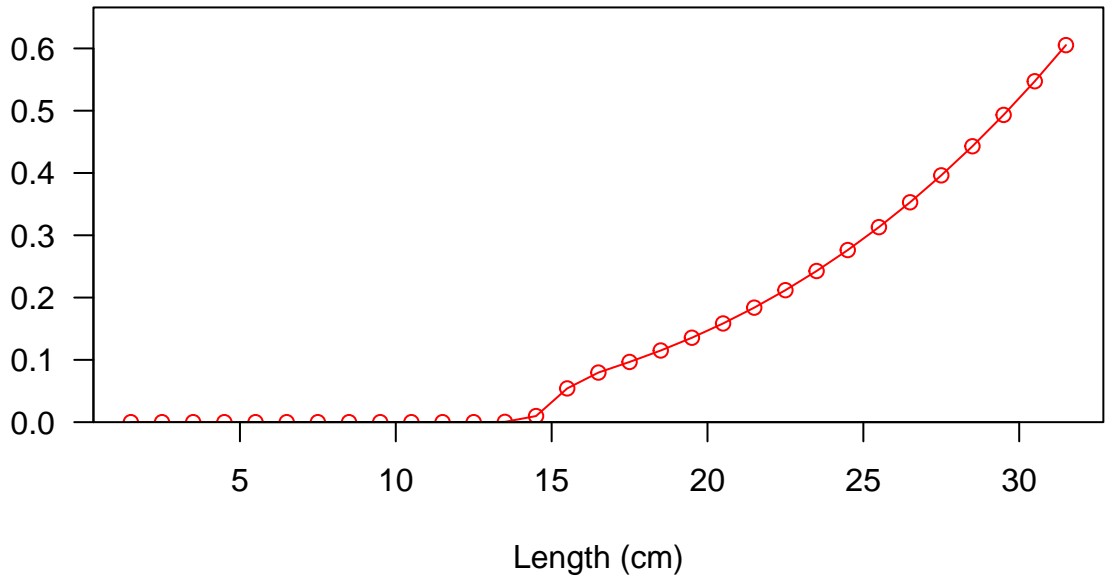




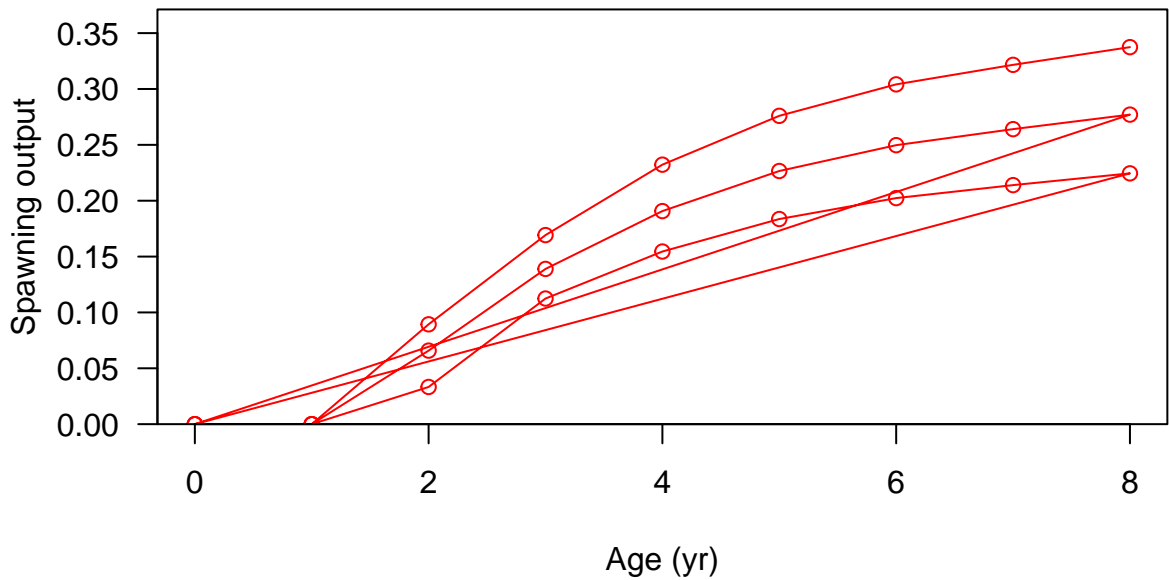




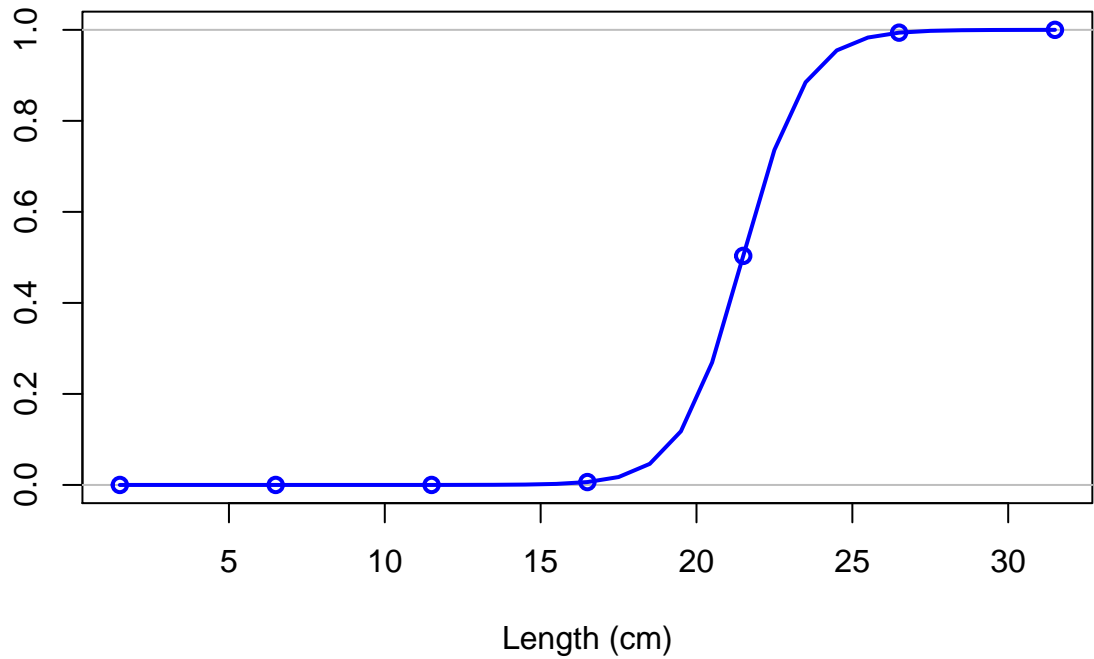
Spawning output



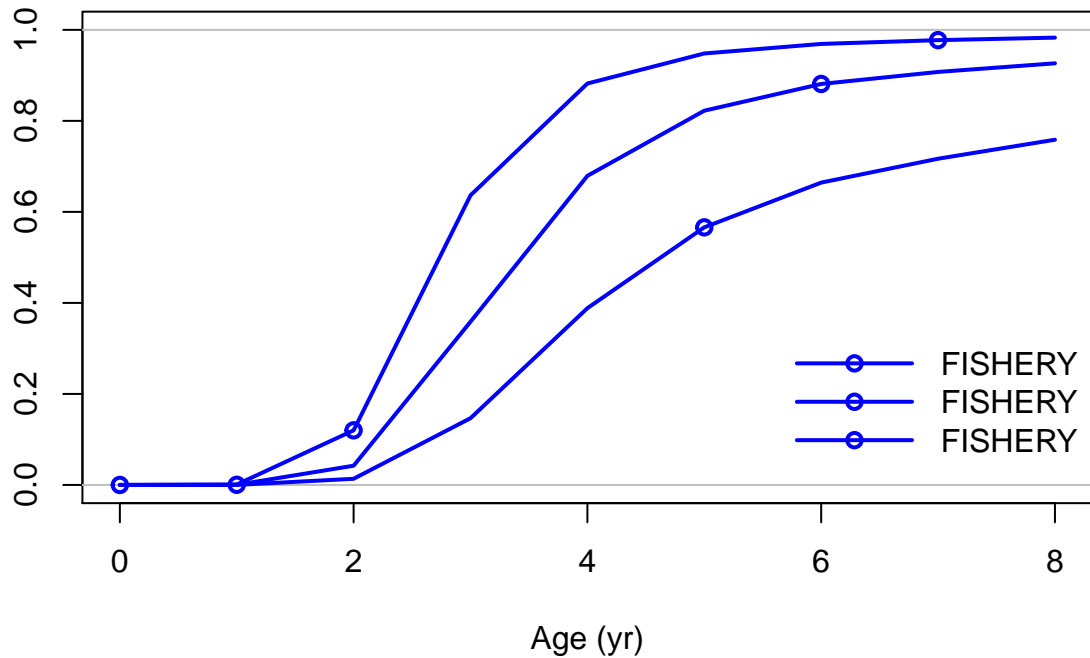




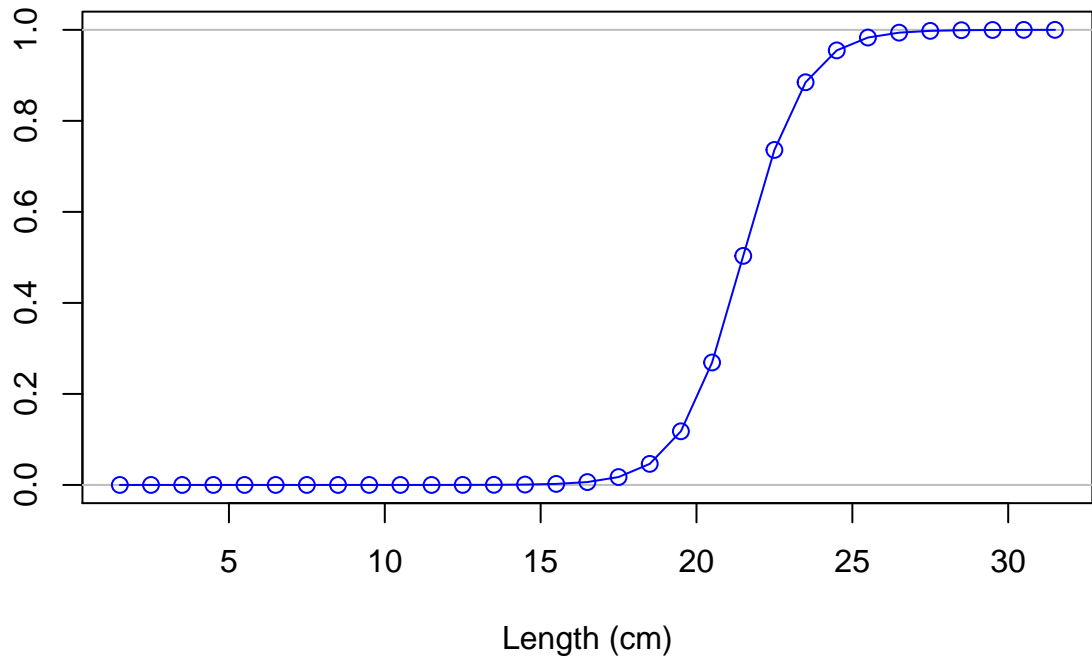
Selectivity

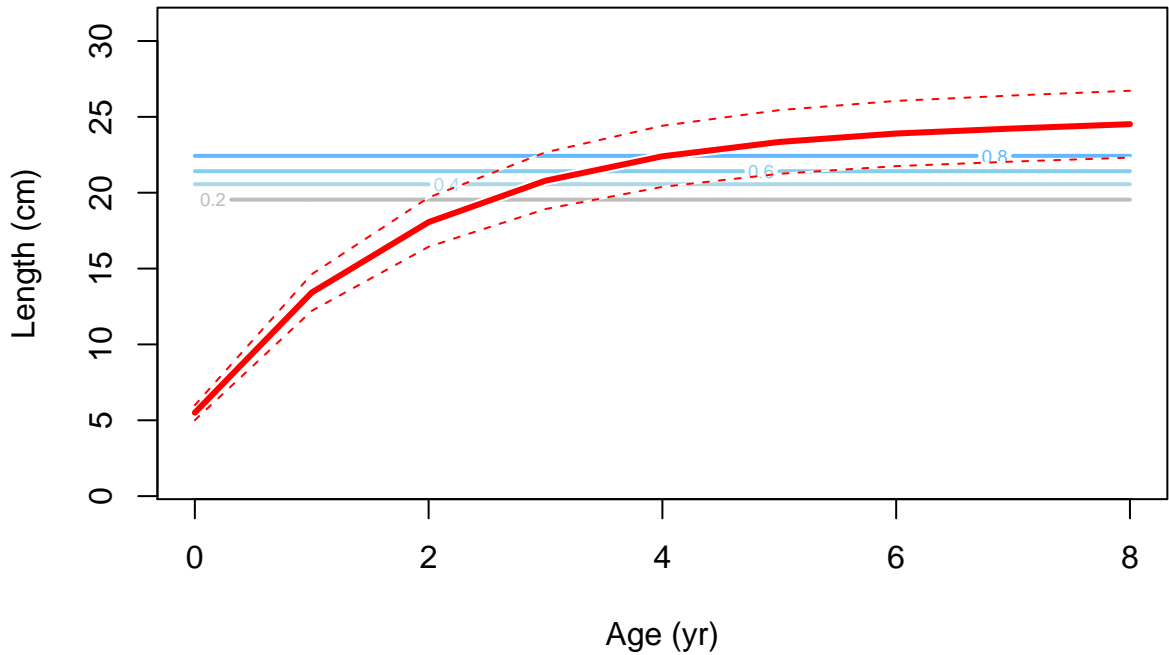


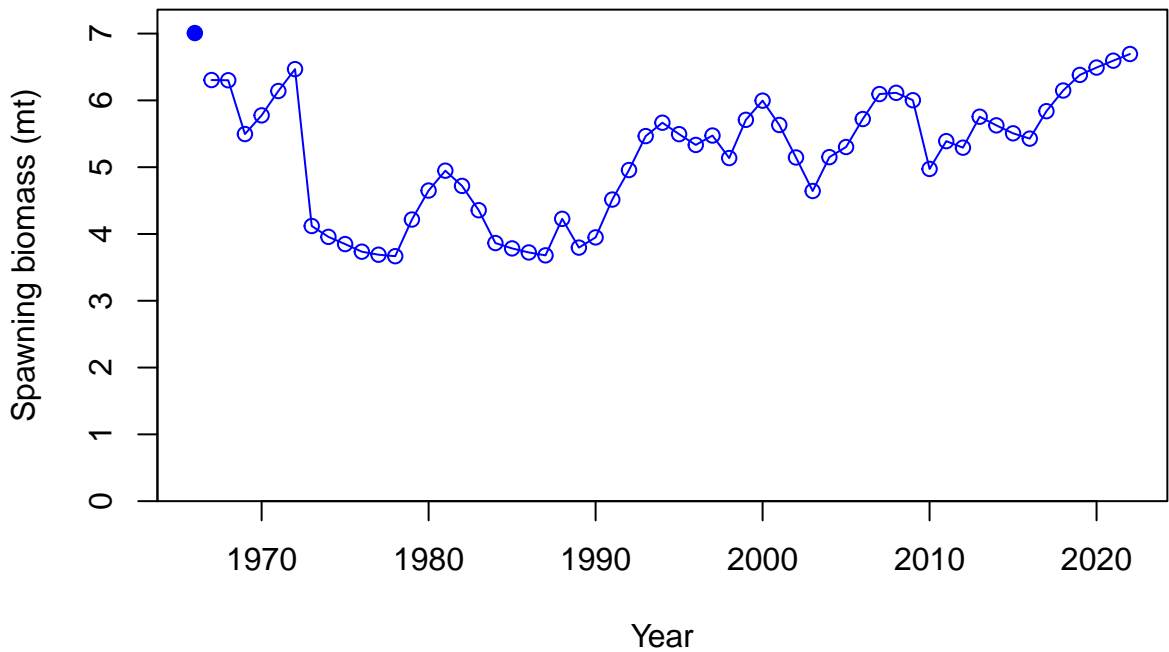
Selectivity



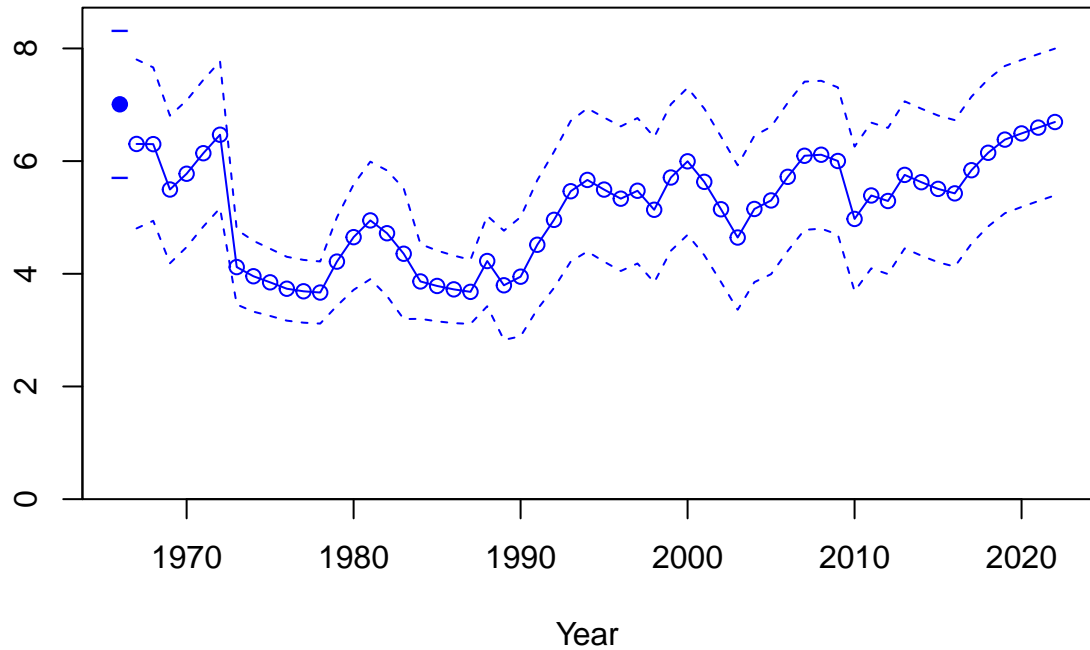
Selectivity



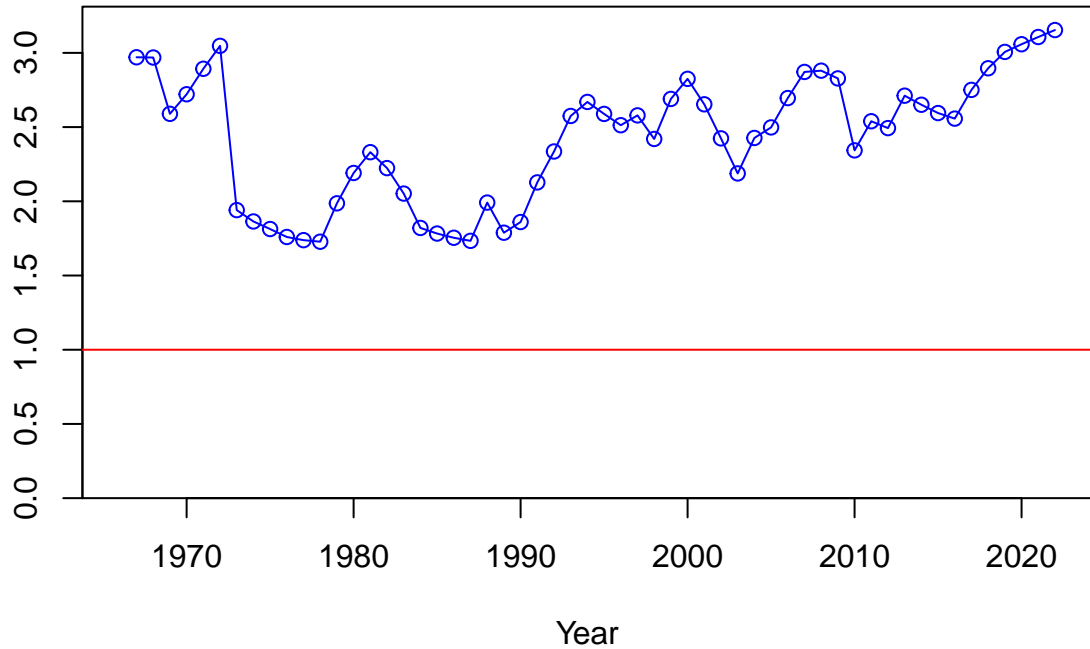




Spawning biomass (mt)

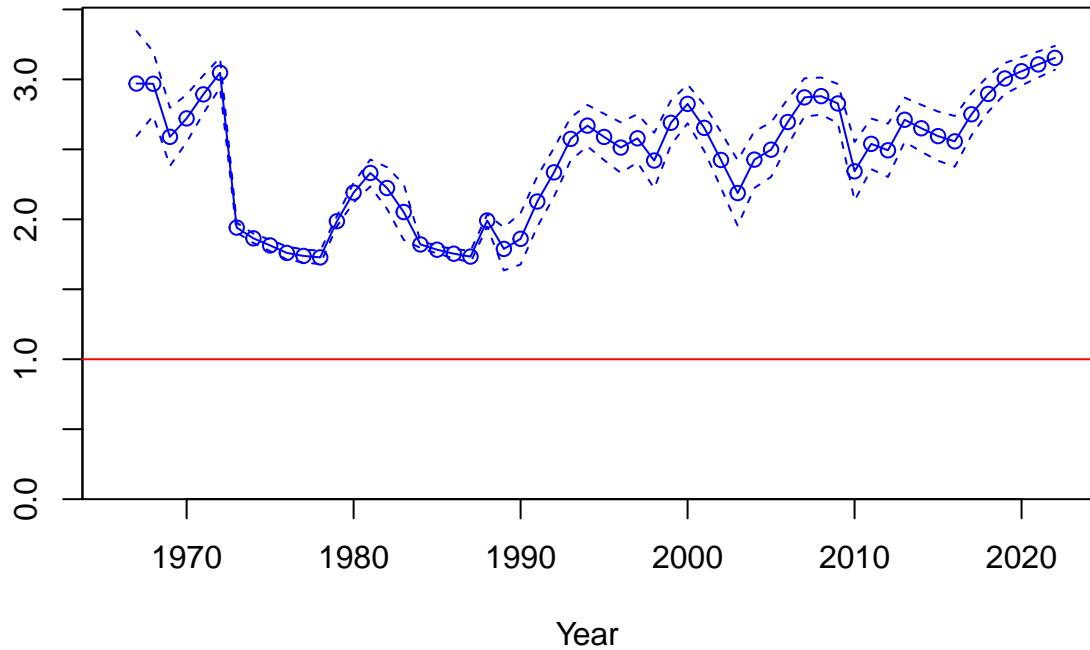


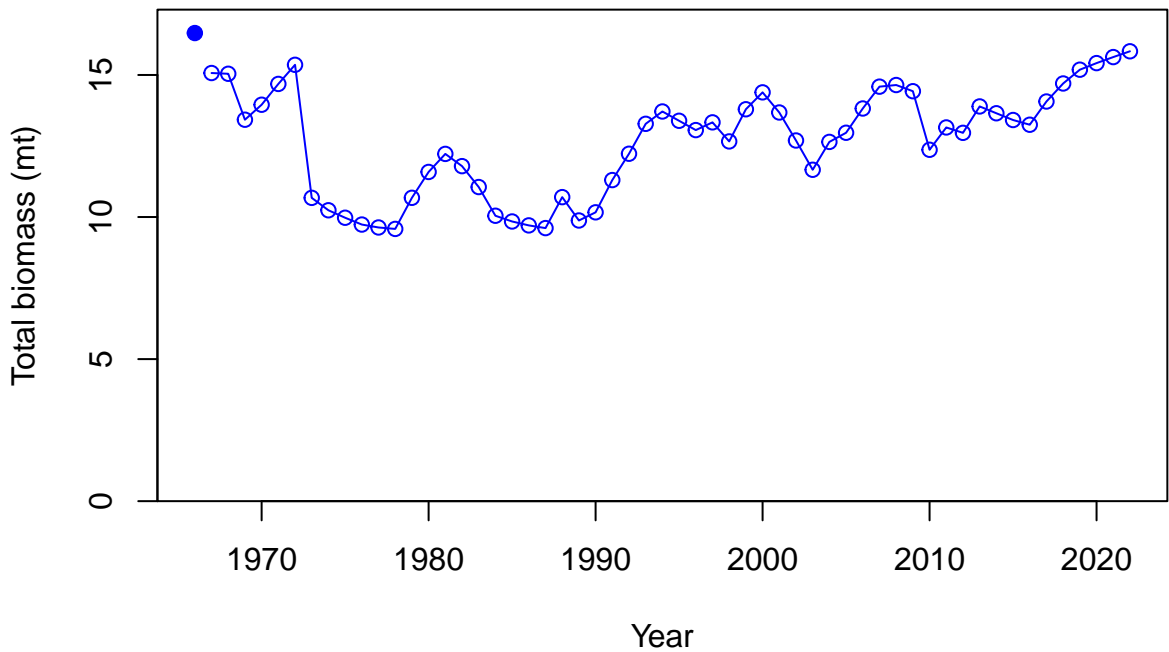
Relative spawning biomass:  $B/B_{MSY}$



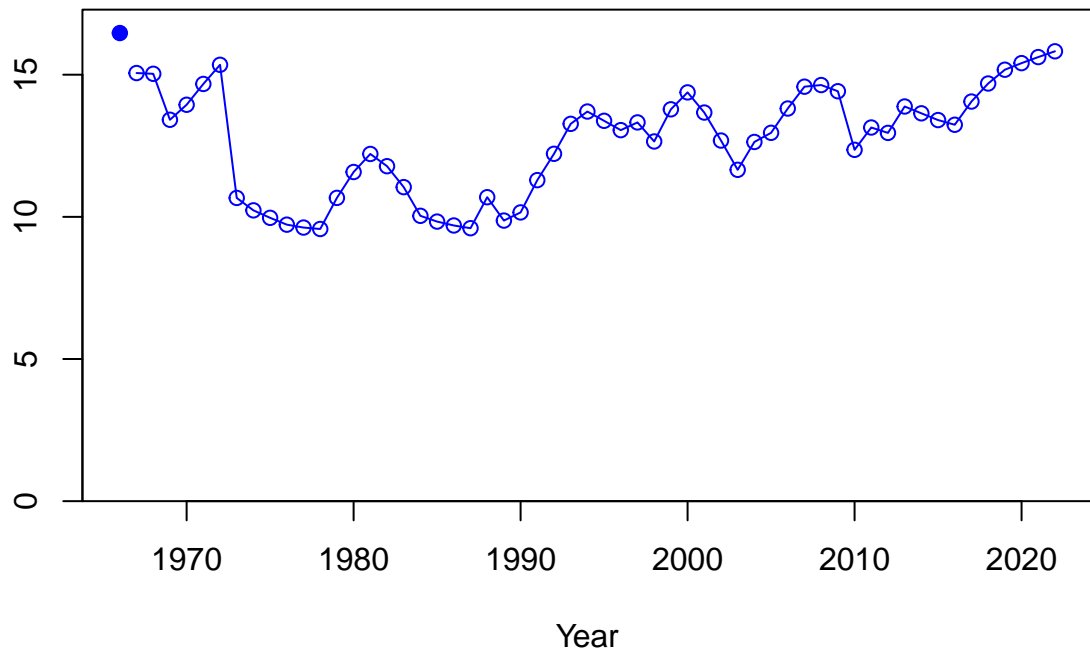


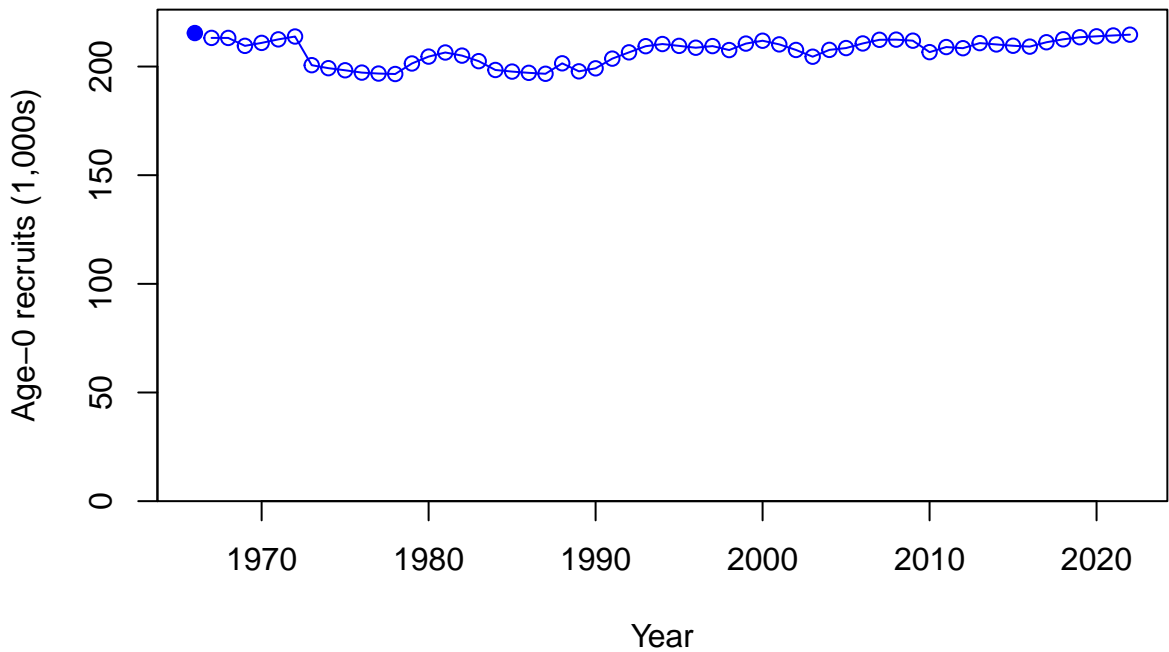
Relative spawning biomass:  $B/B_{MSY}$

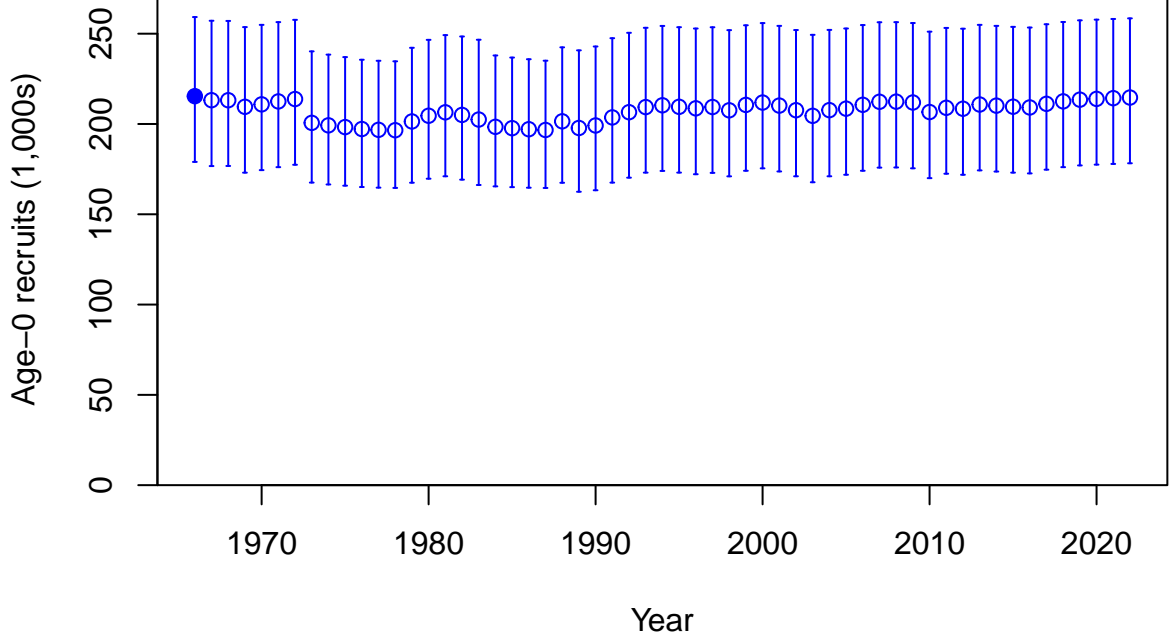




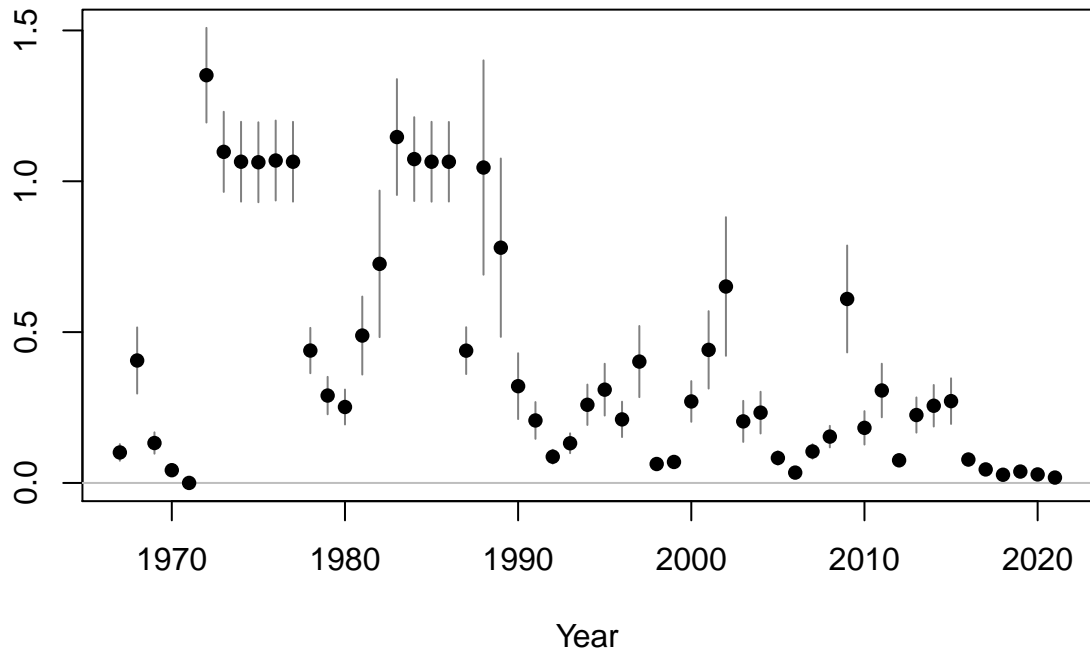
Summary biomass (mt)

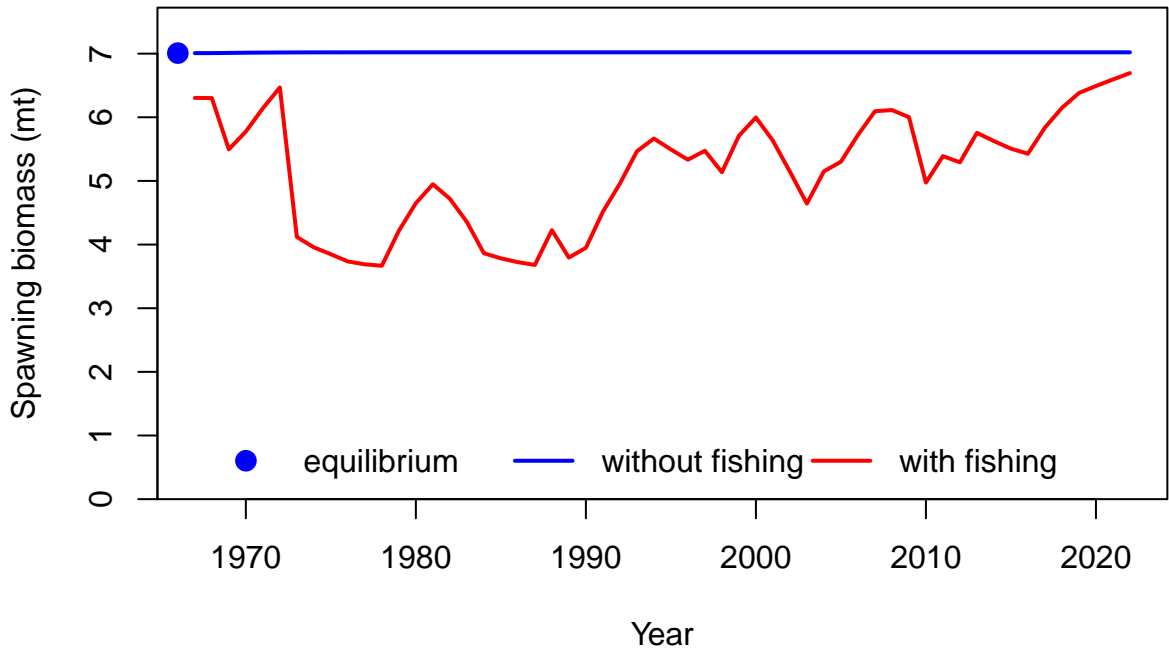


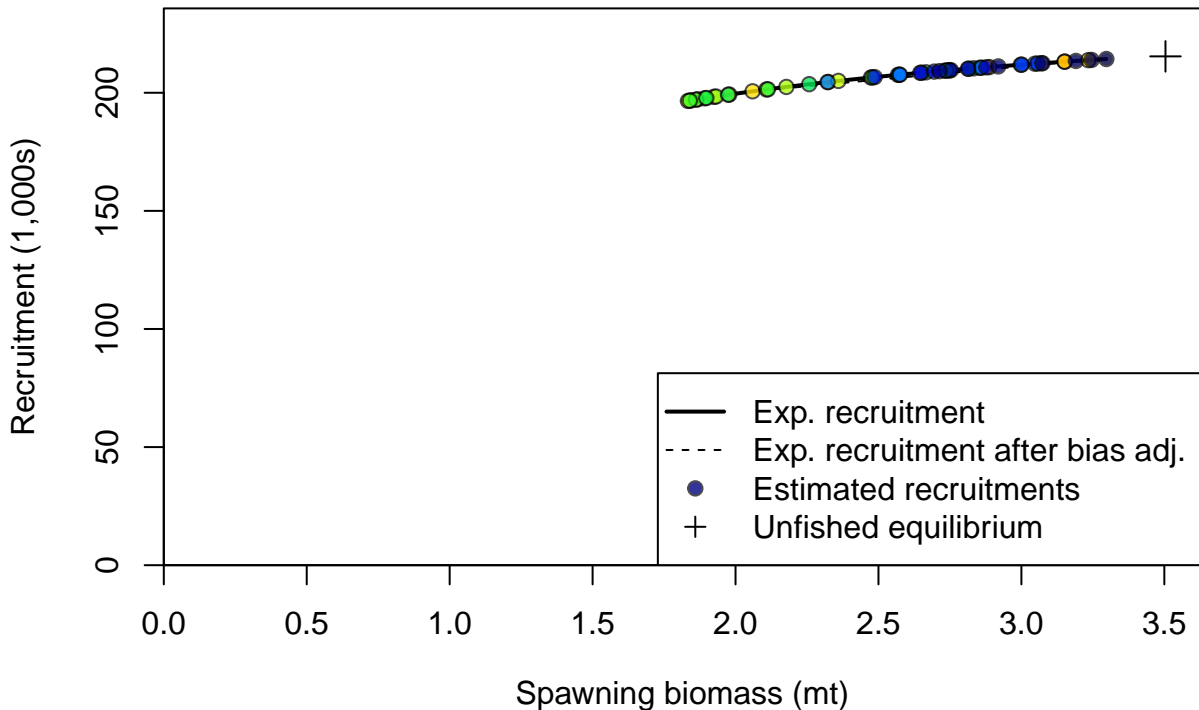




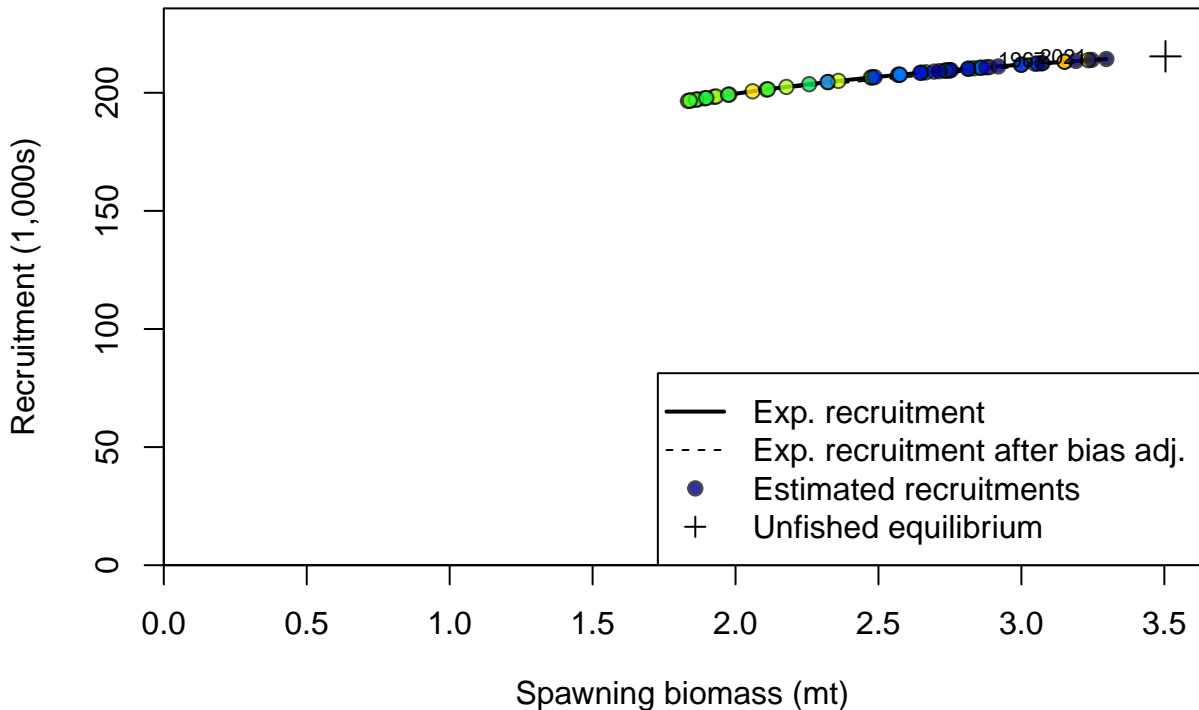
Summary Fishing Mortality

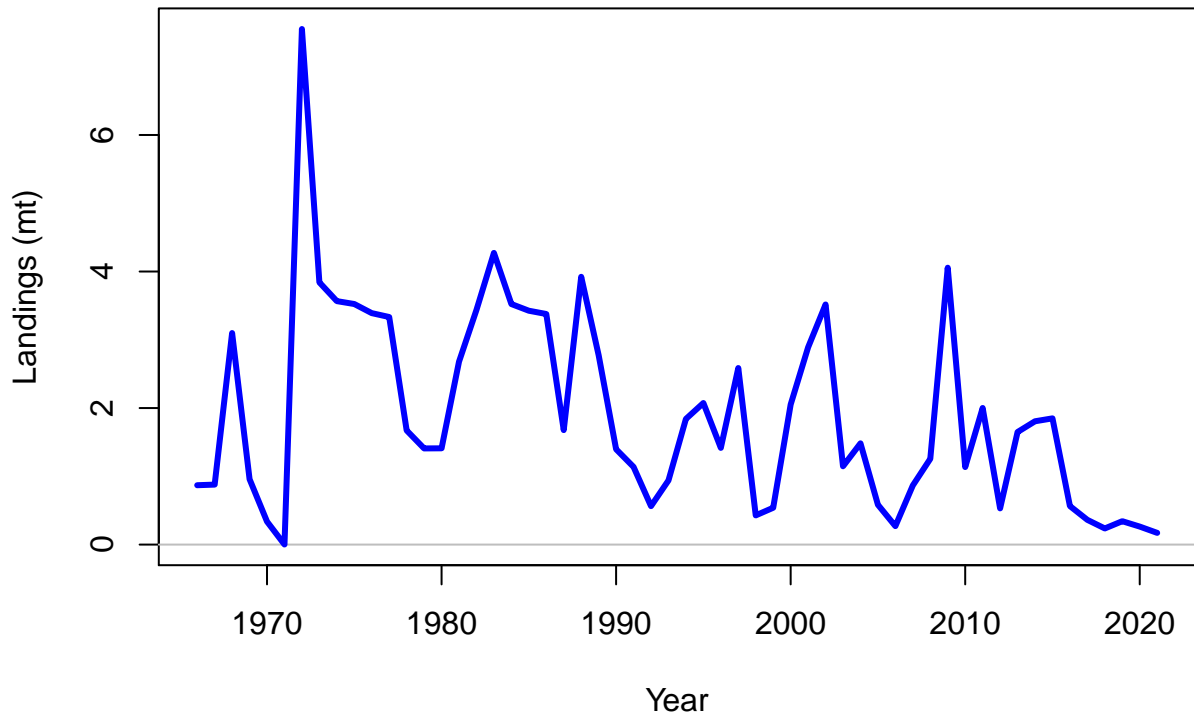


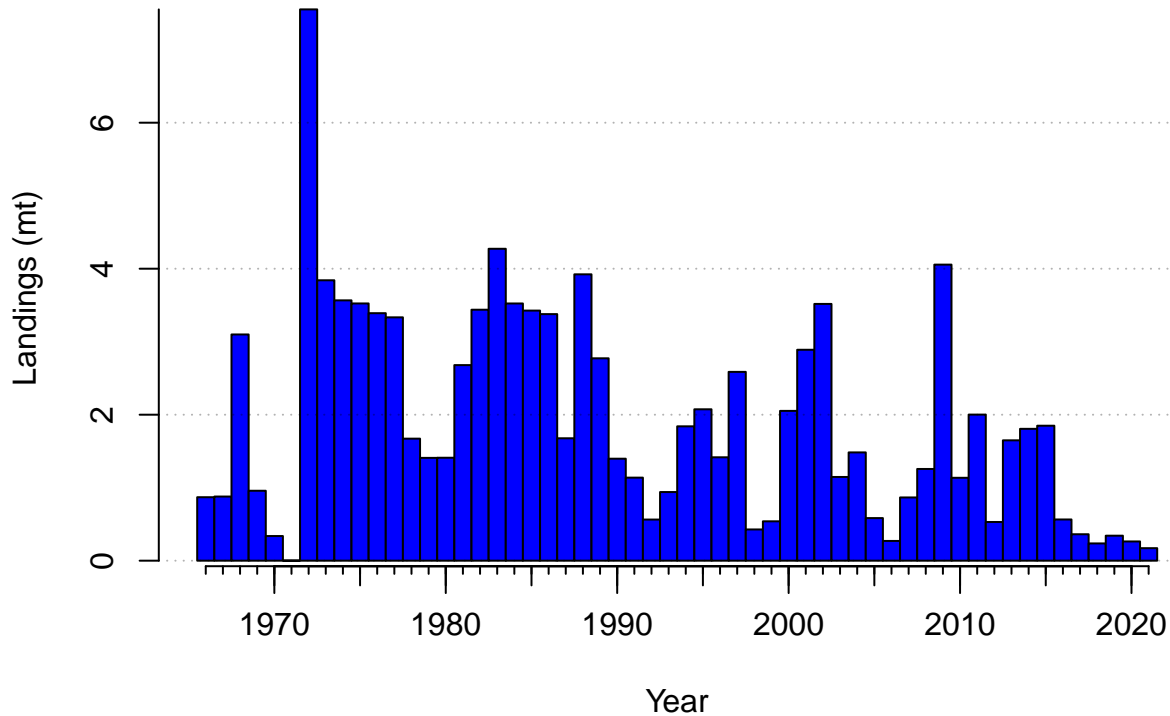


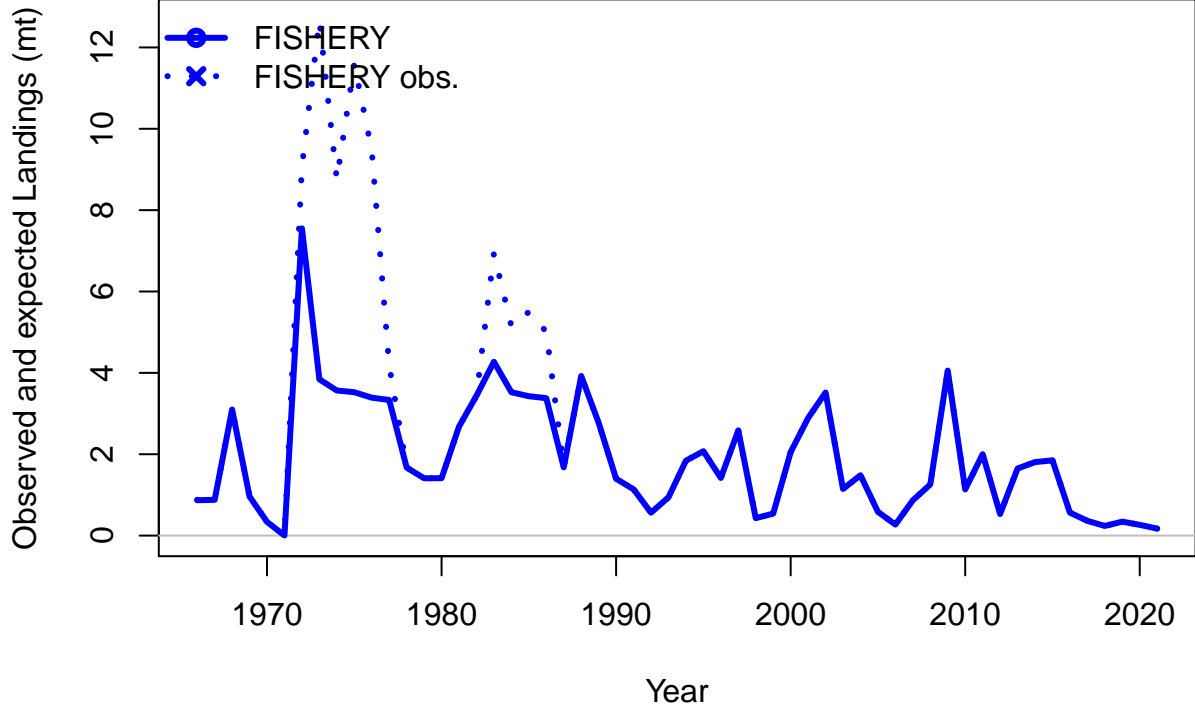


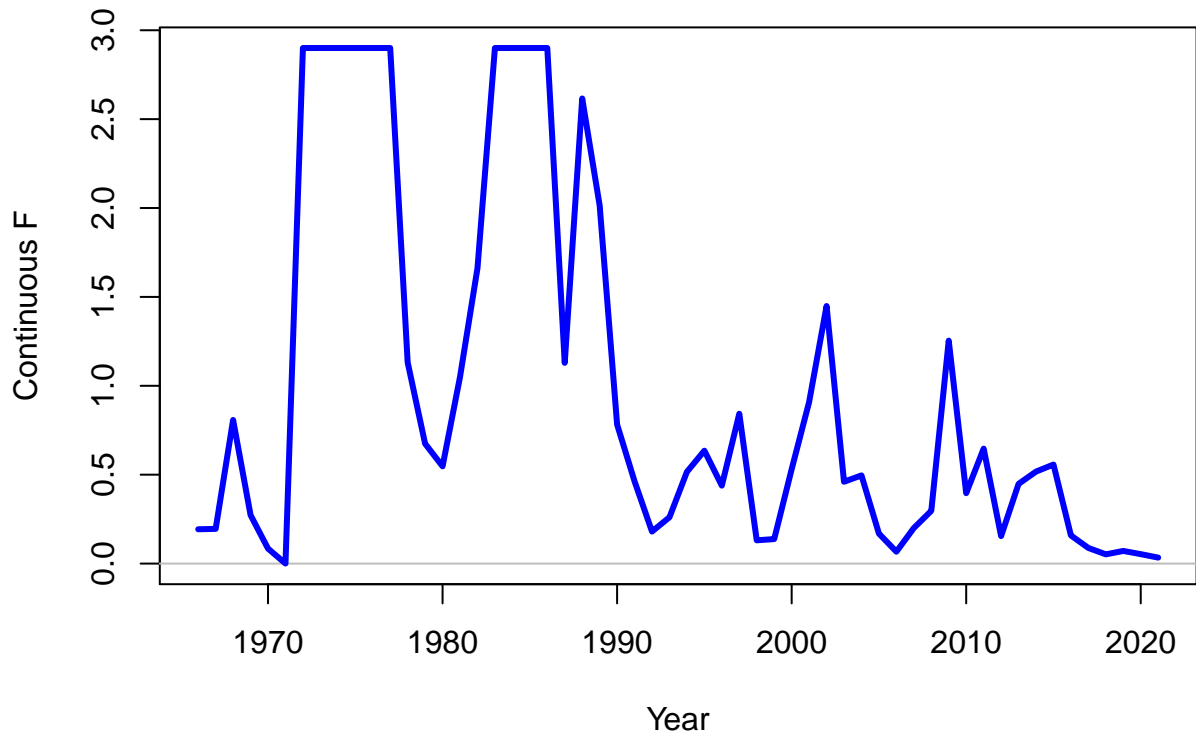




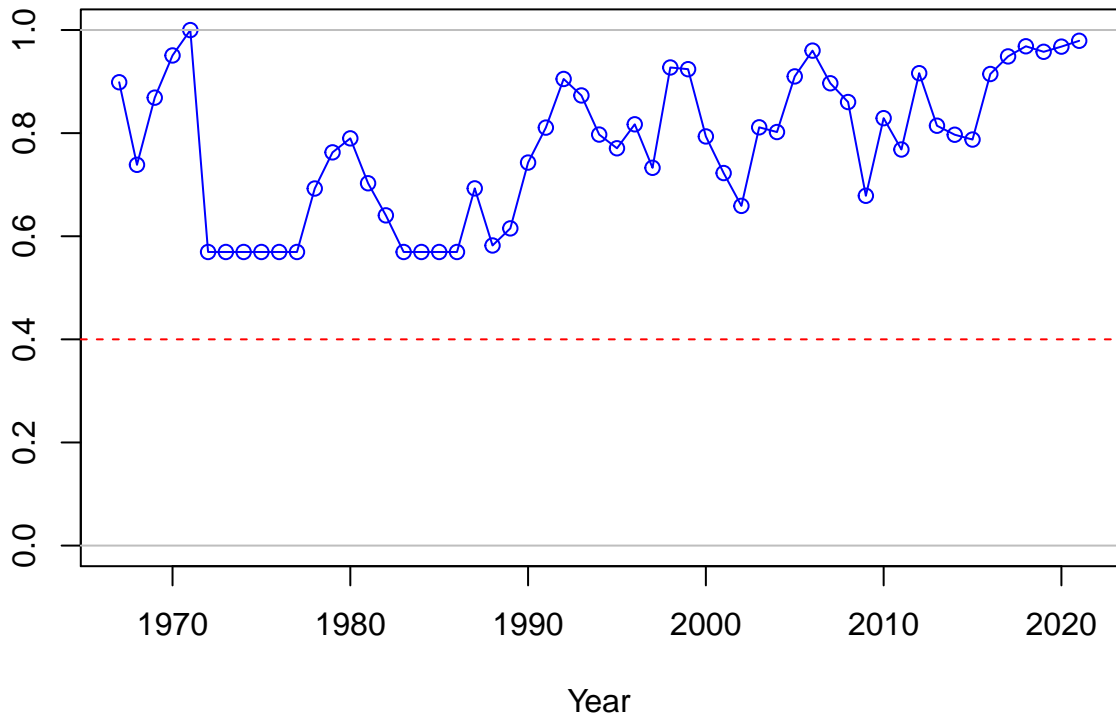


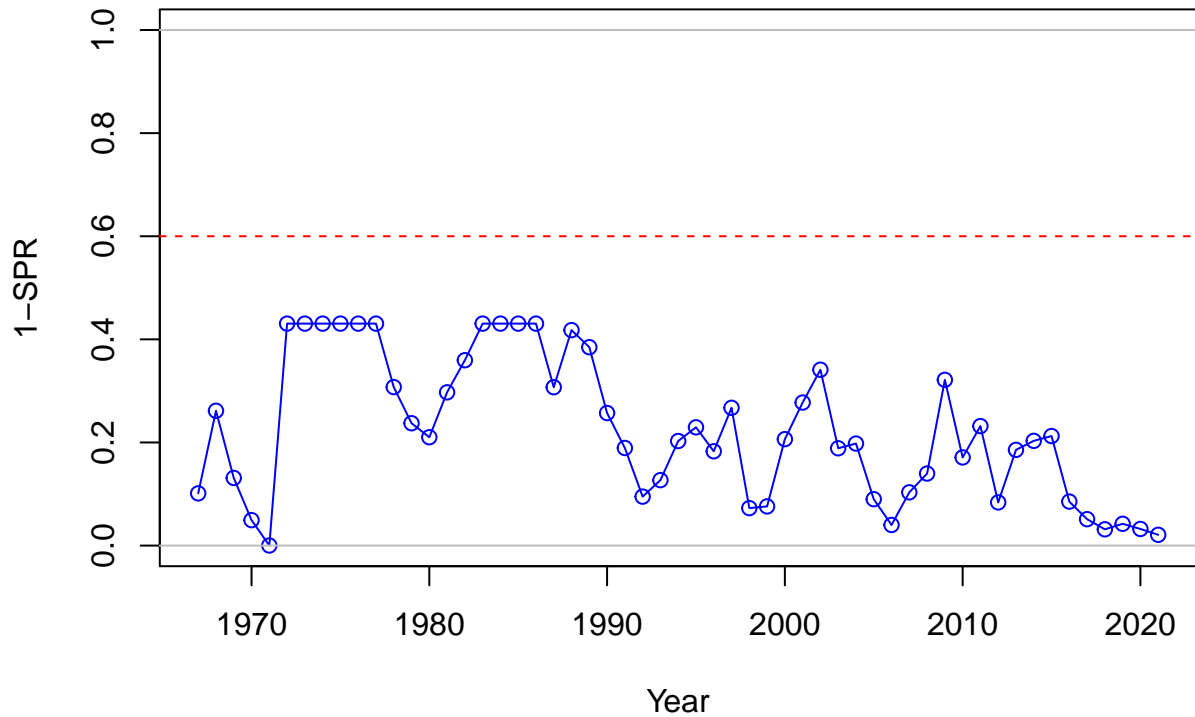




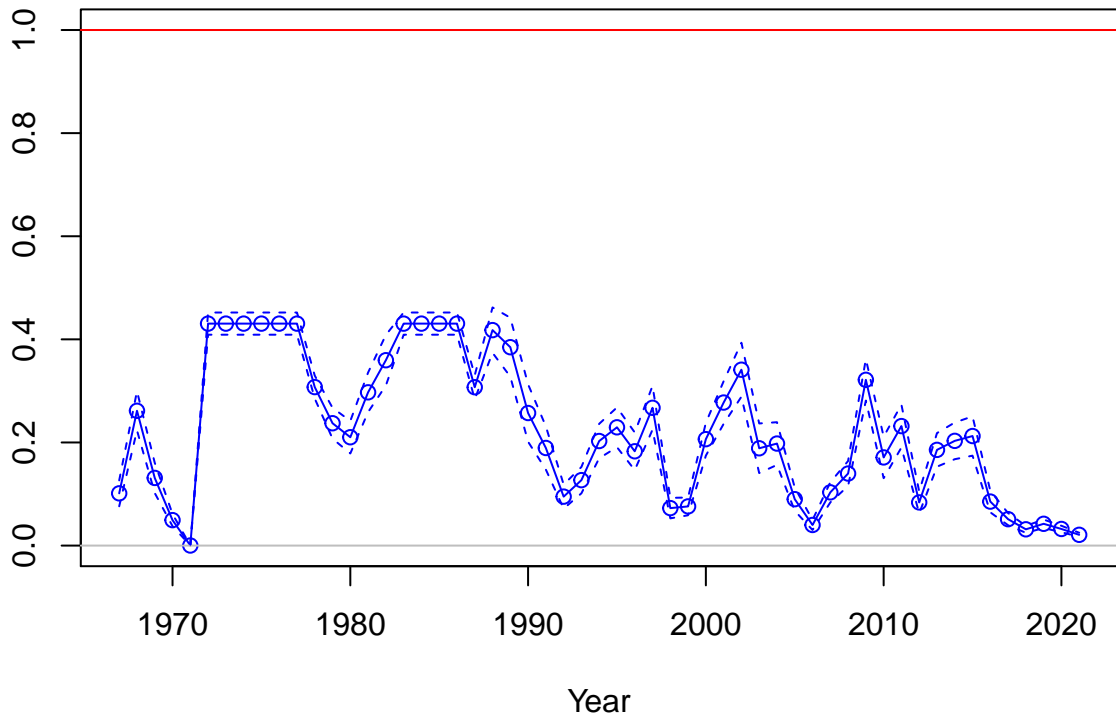


SPR



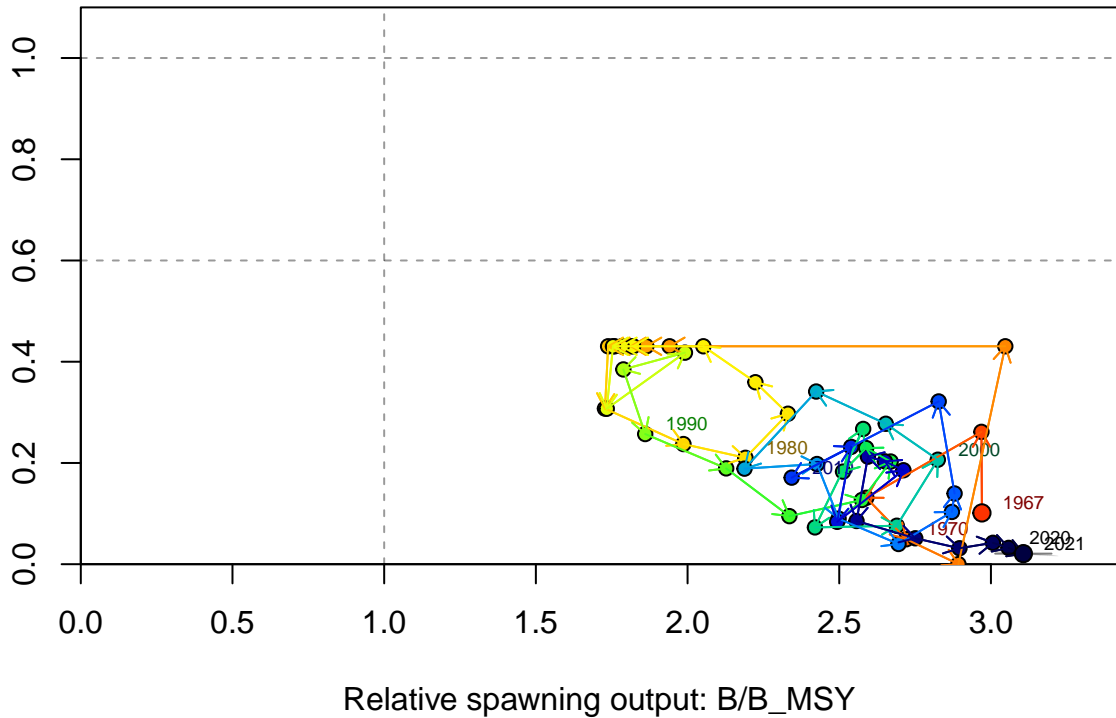


Fishing intensity: 1-SPR





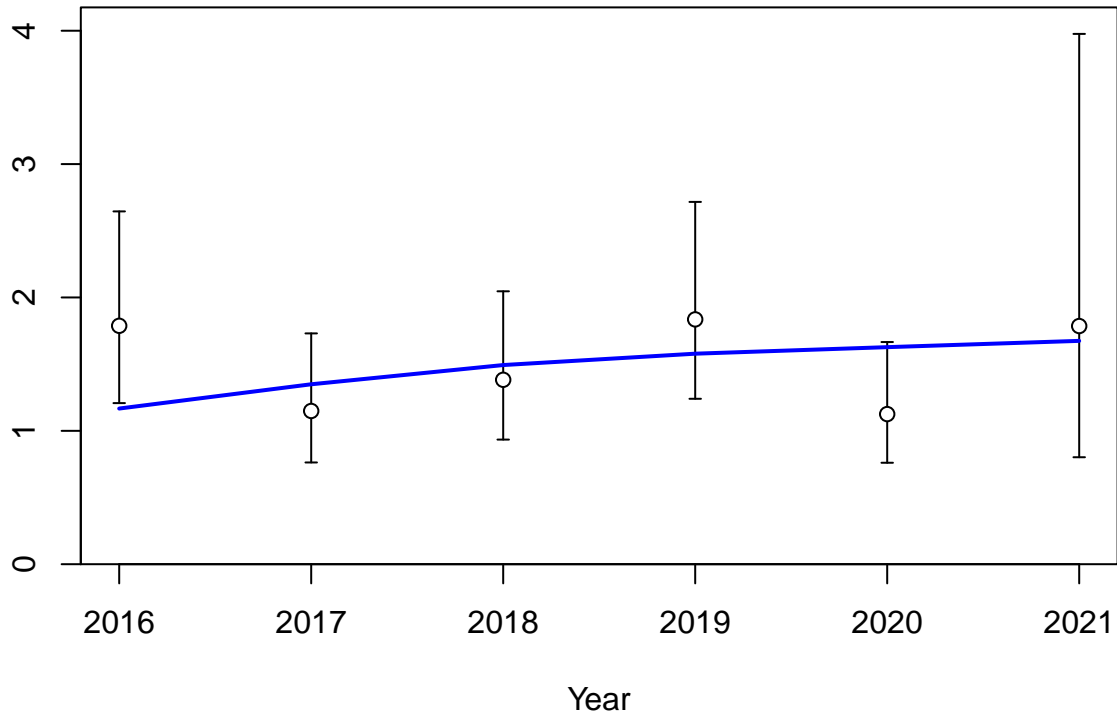
Fishing intensity: 1-SPR

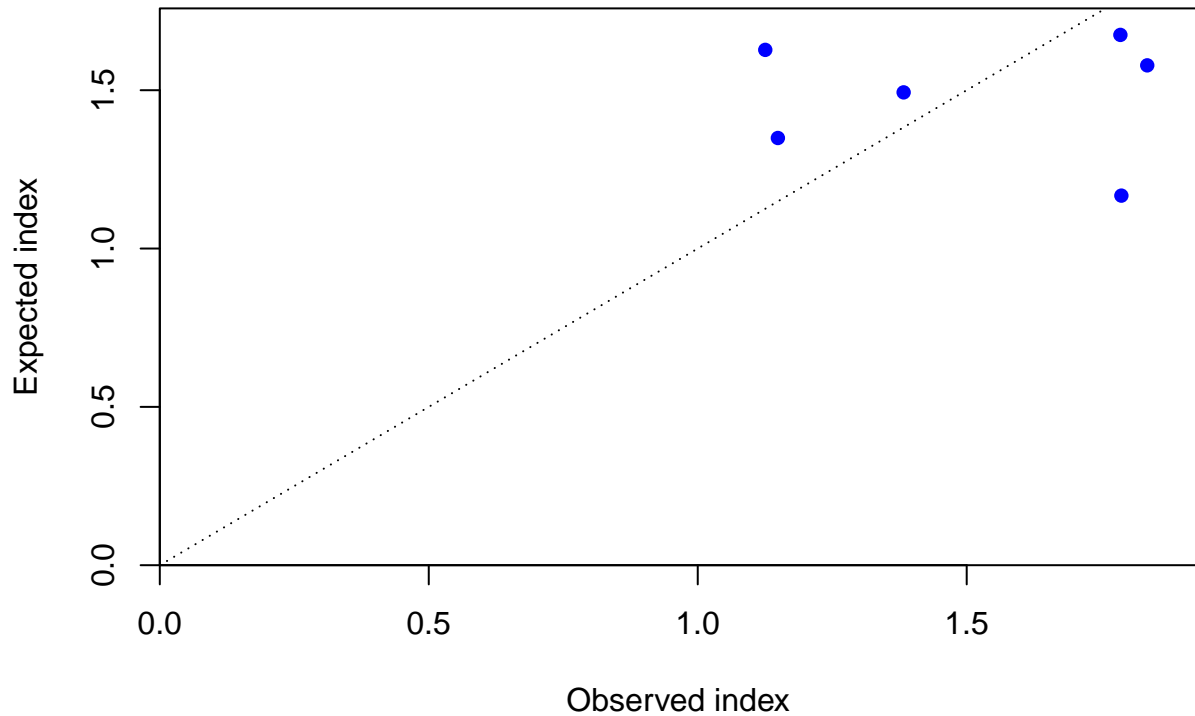


Index

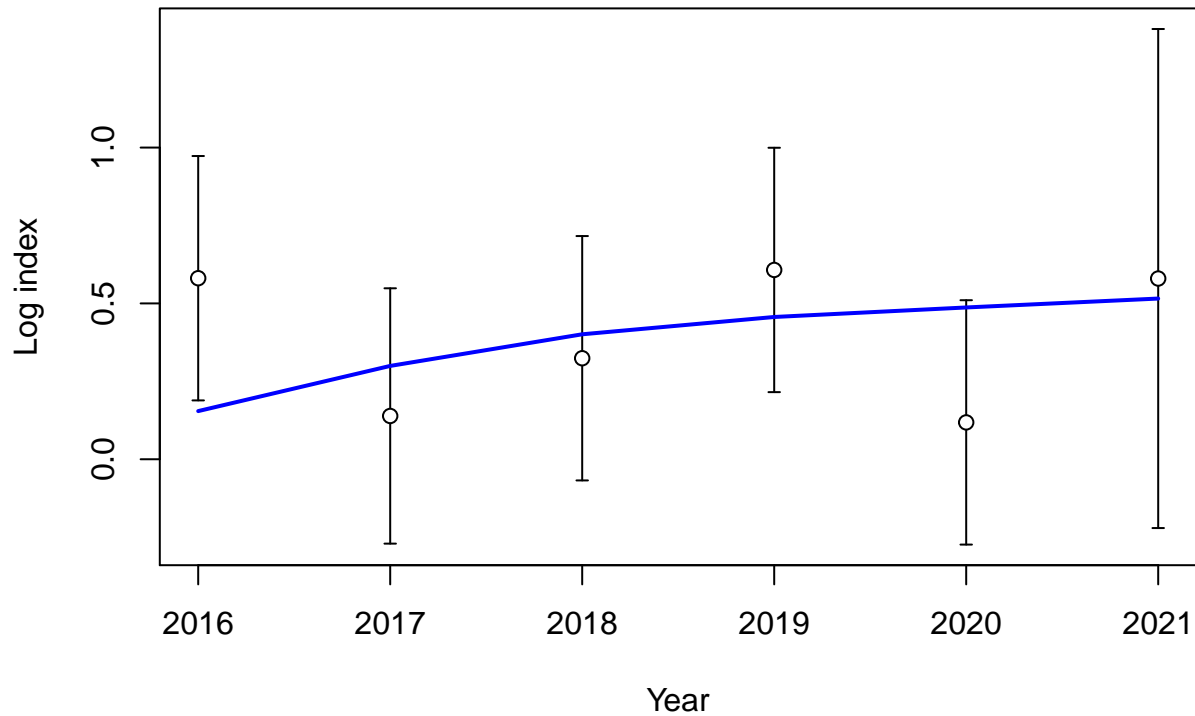


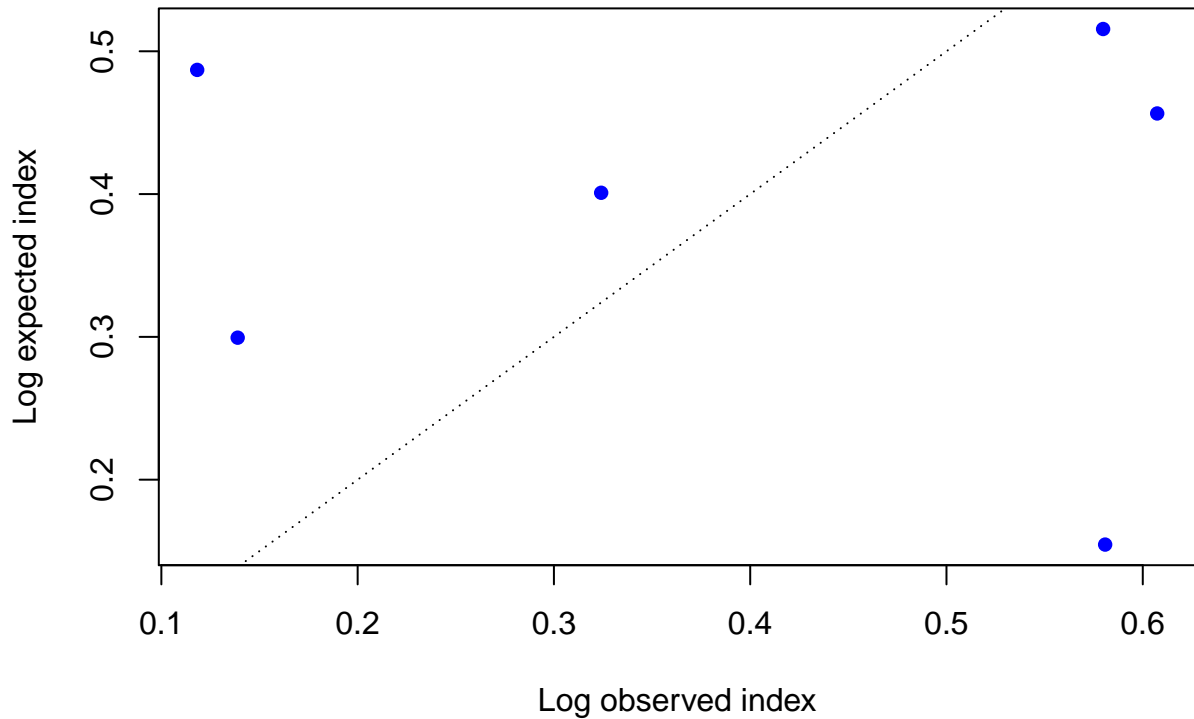
Index



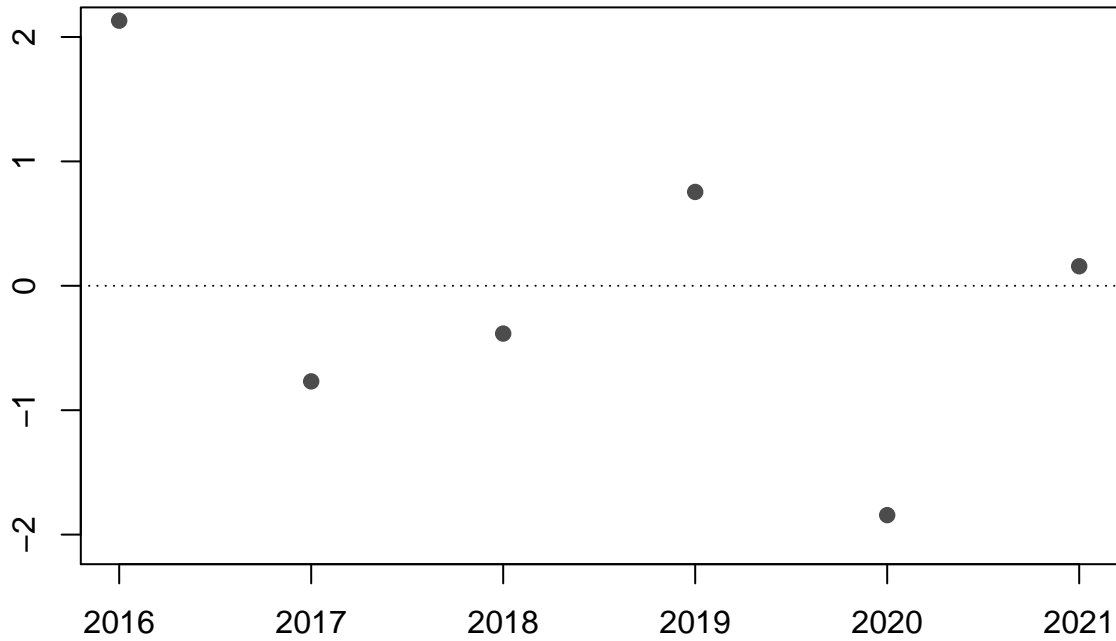








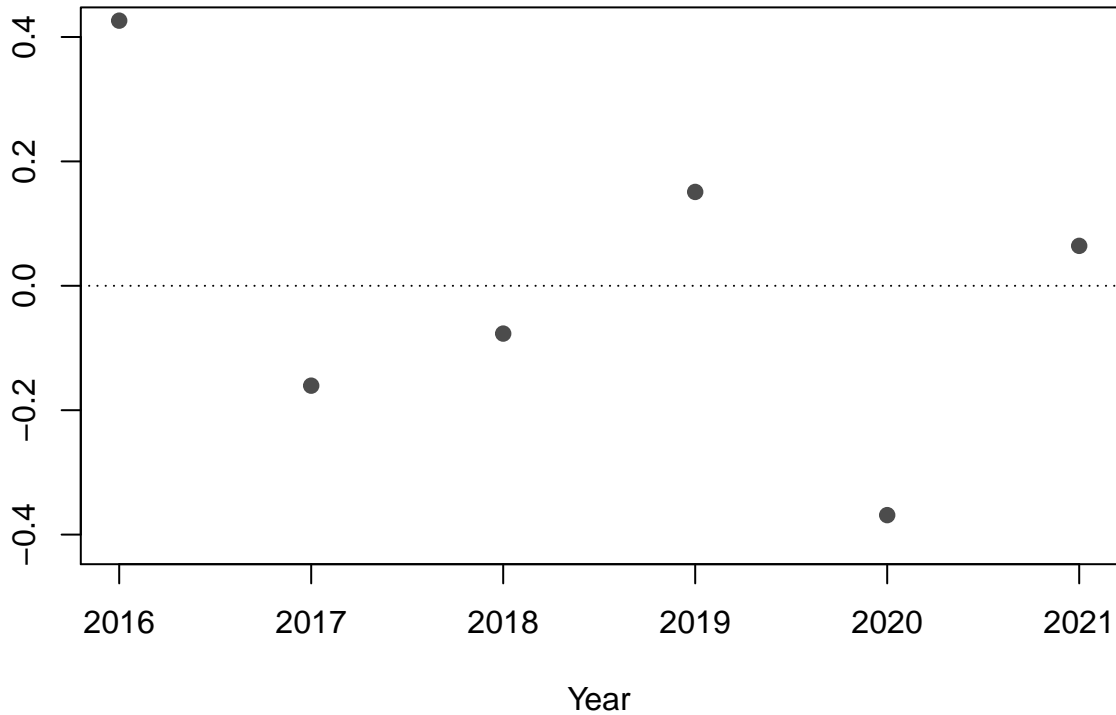
Residual

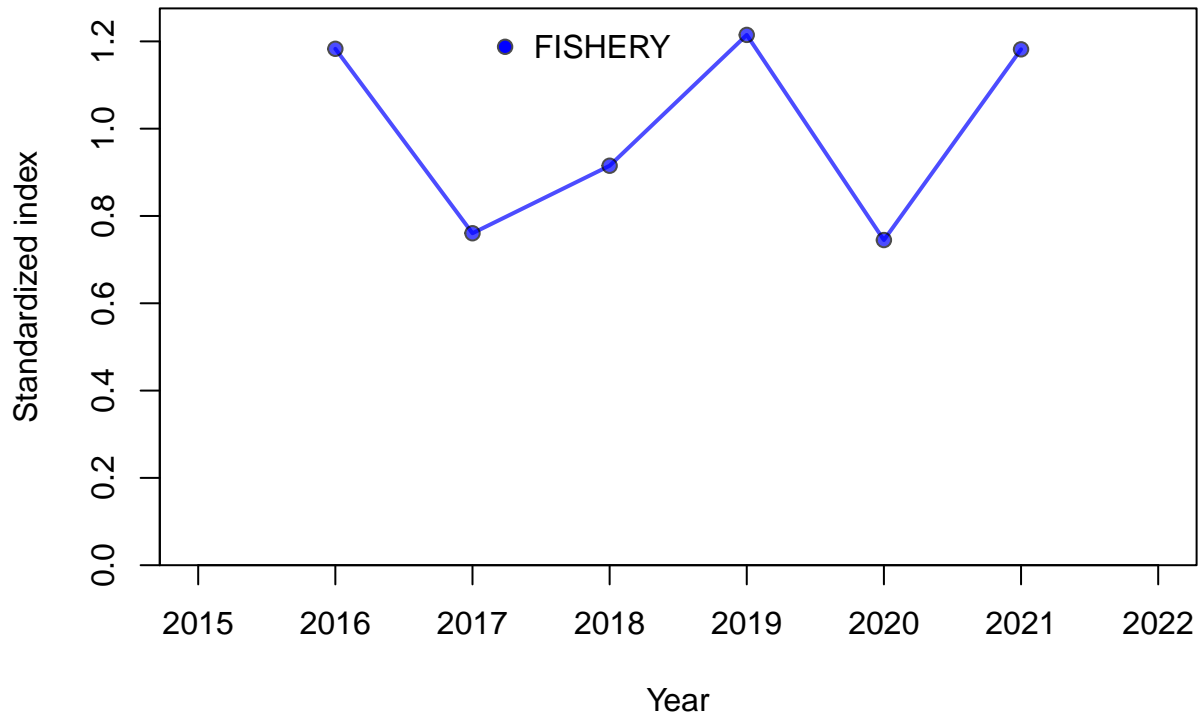


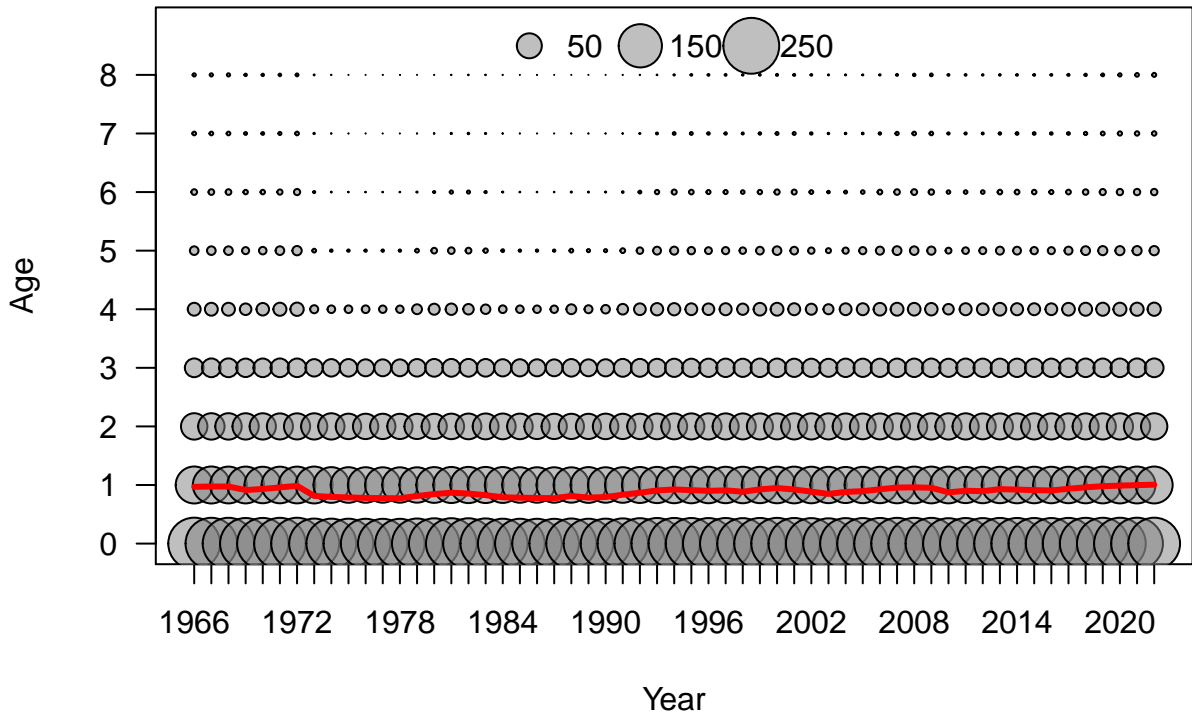
Year



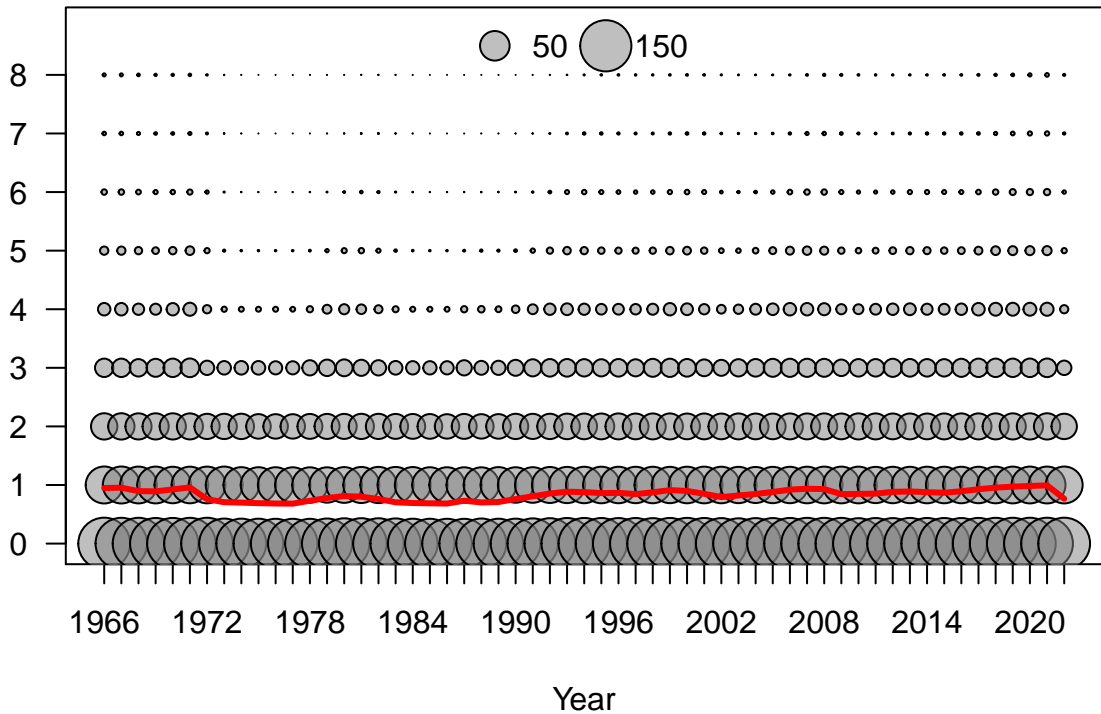
Deviation

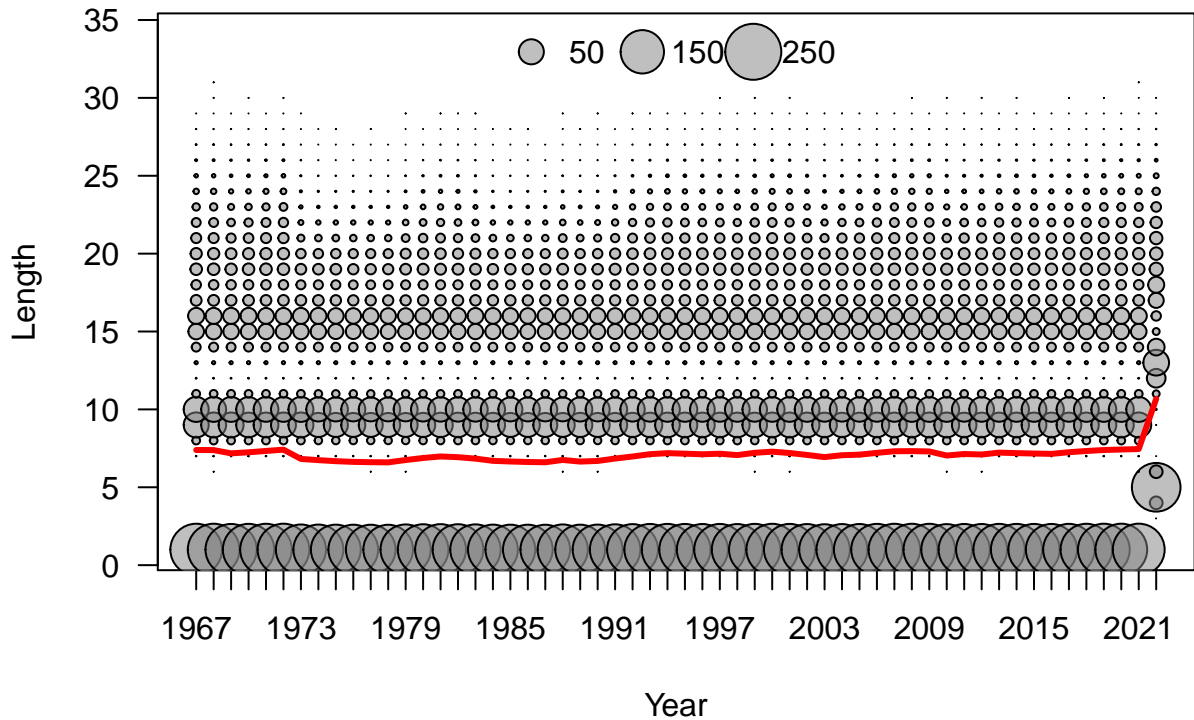


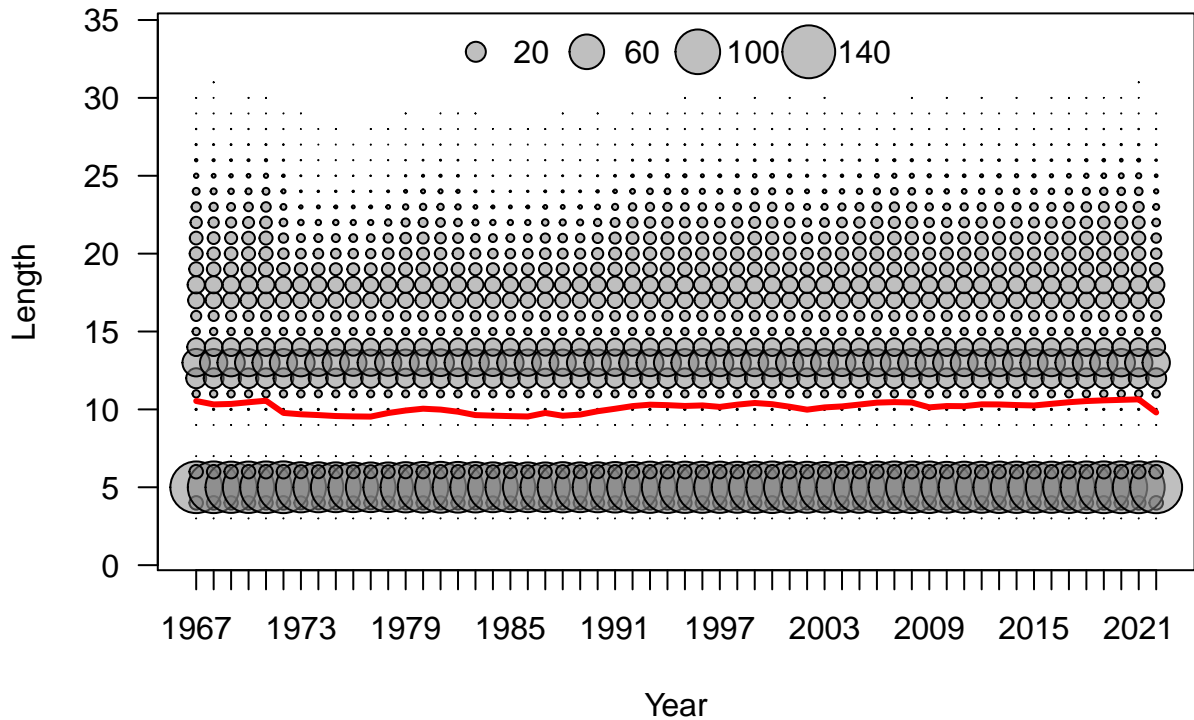


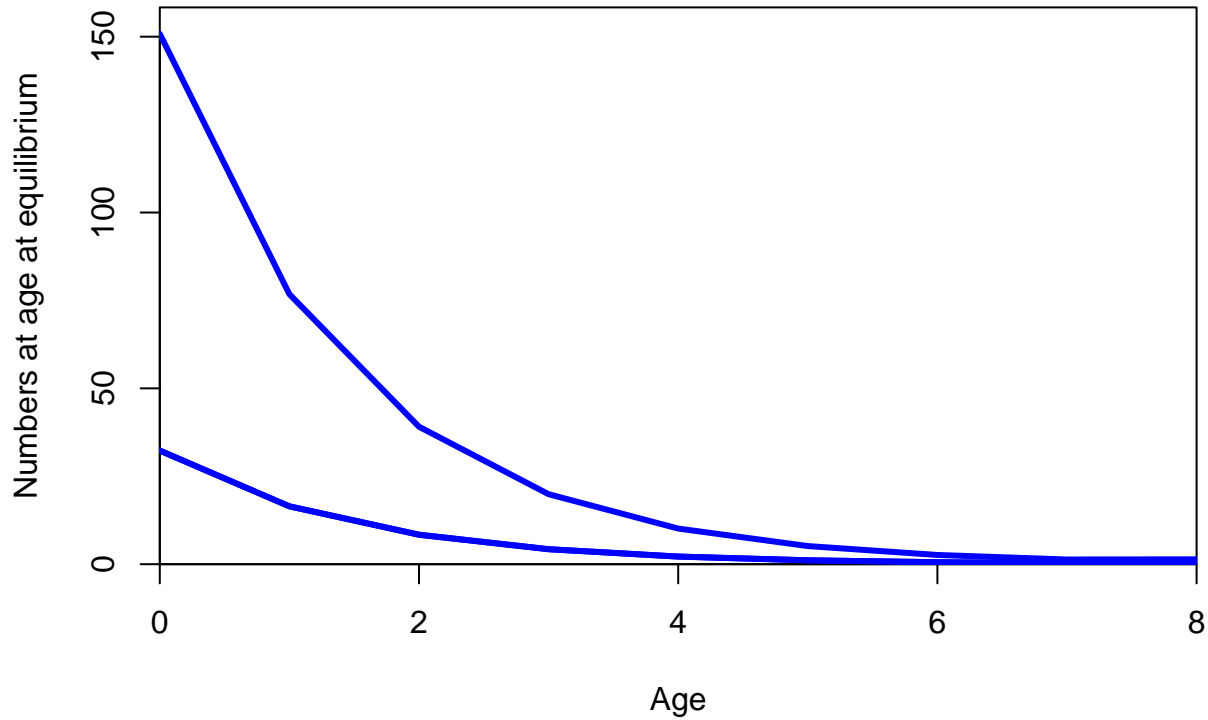


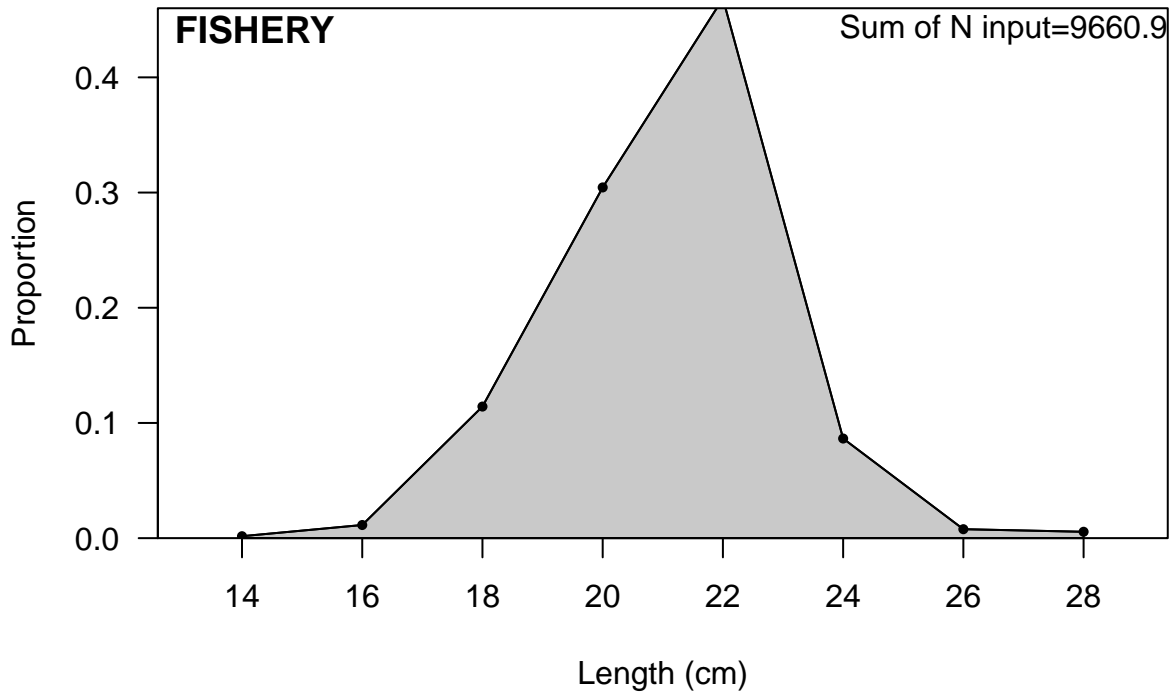
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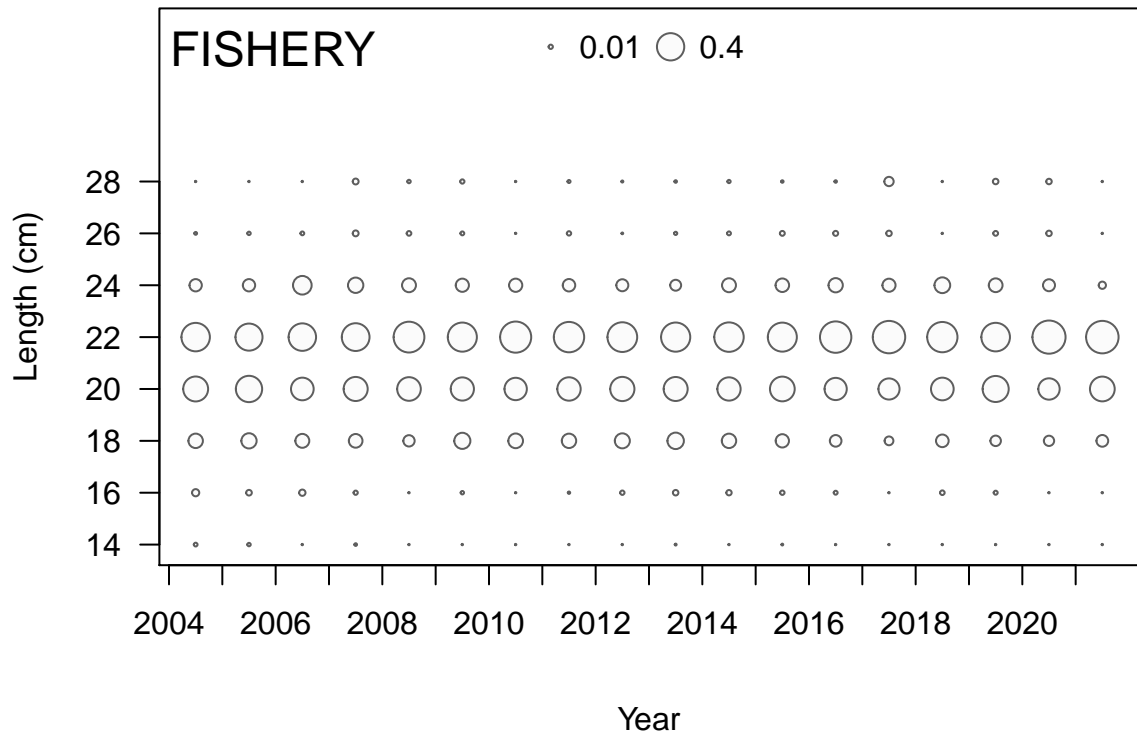




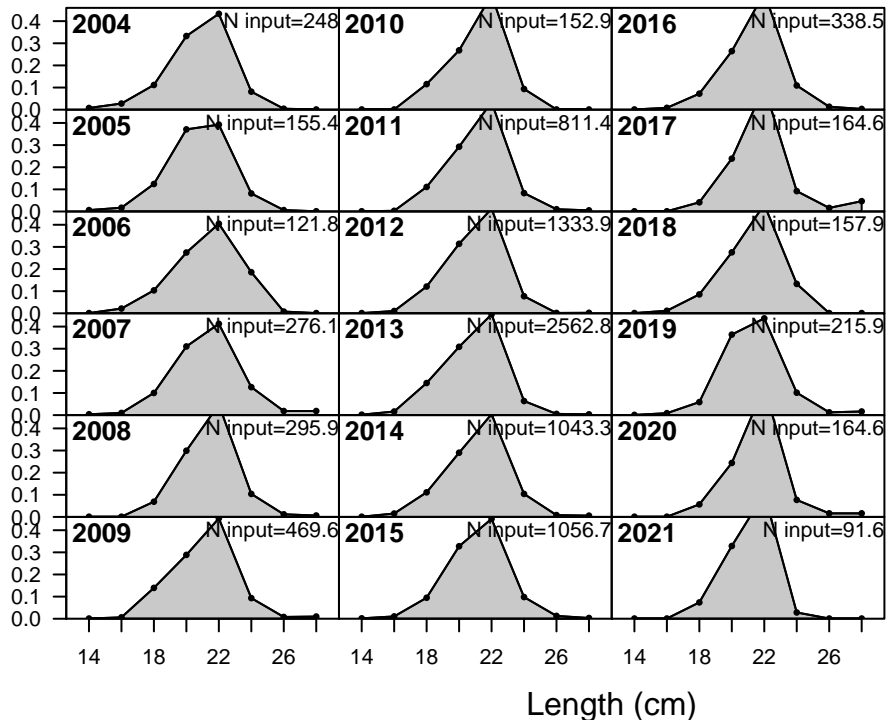


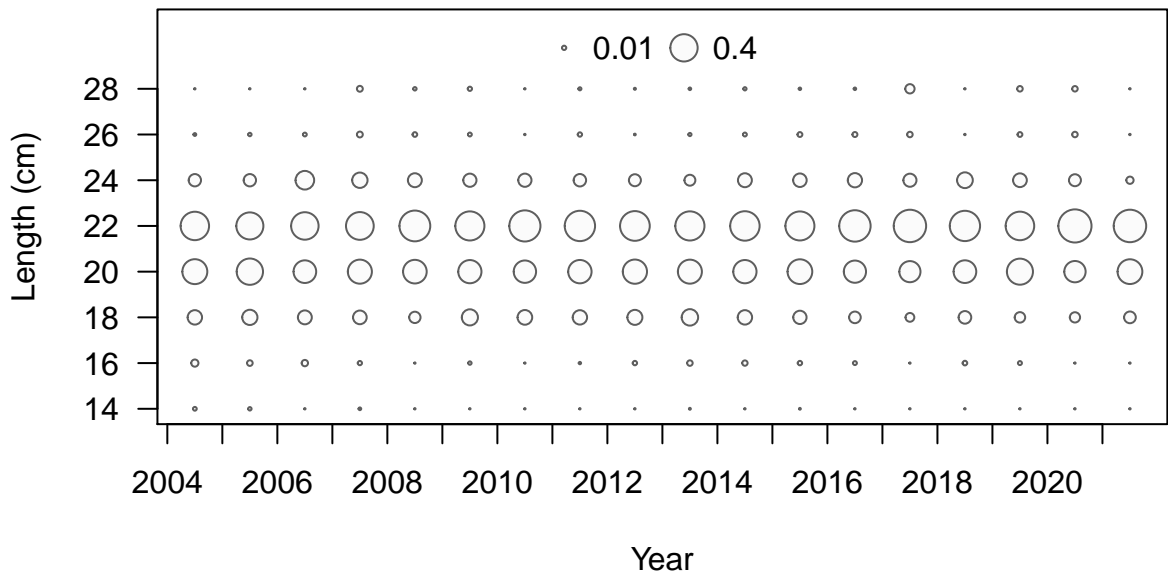




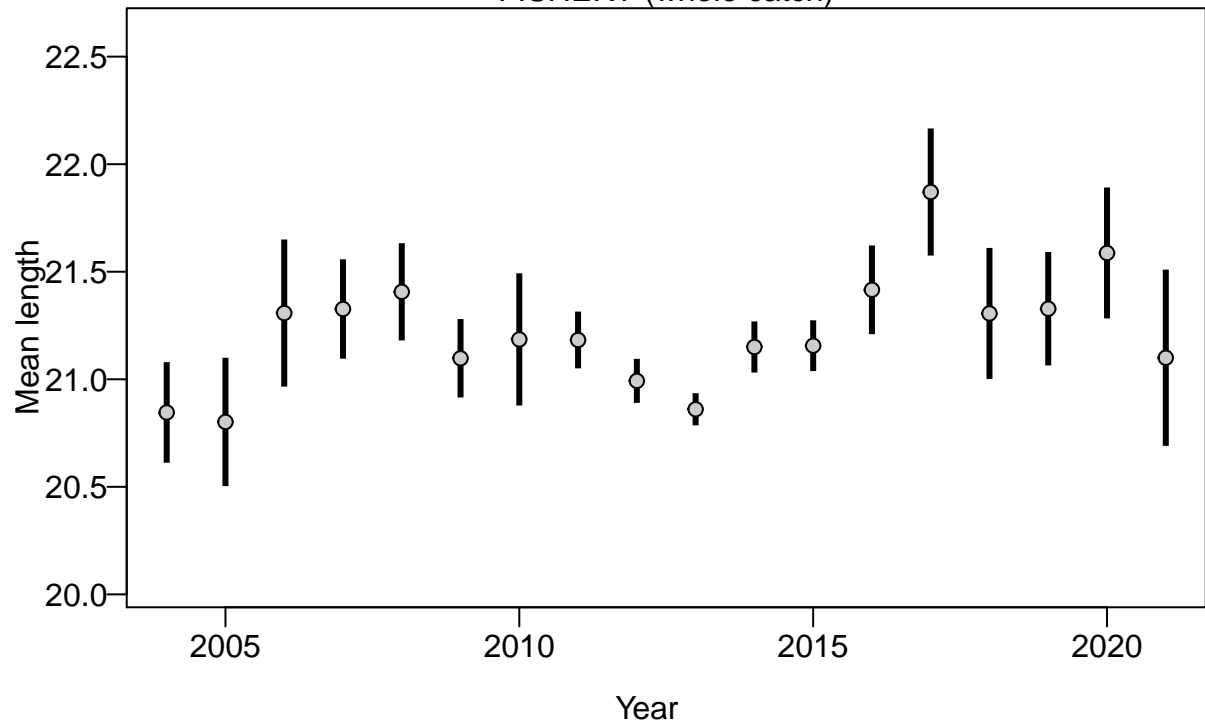


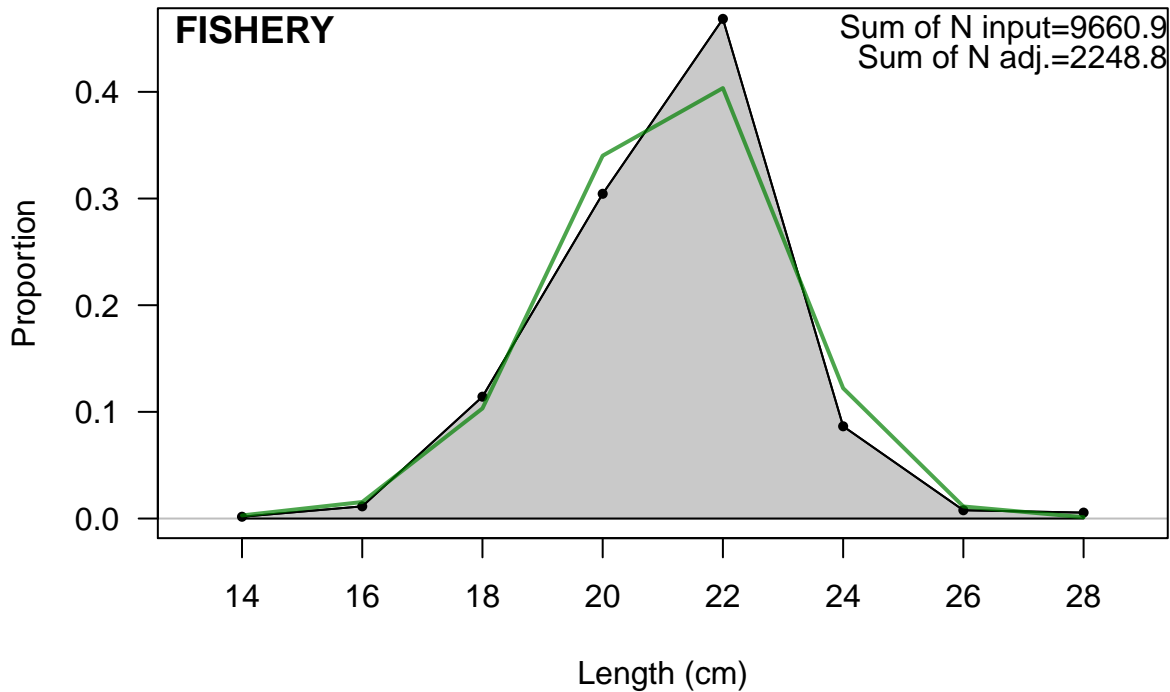
Proportion

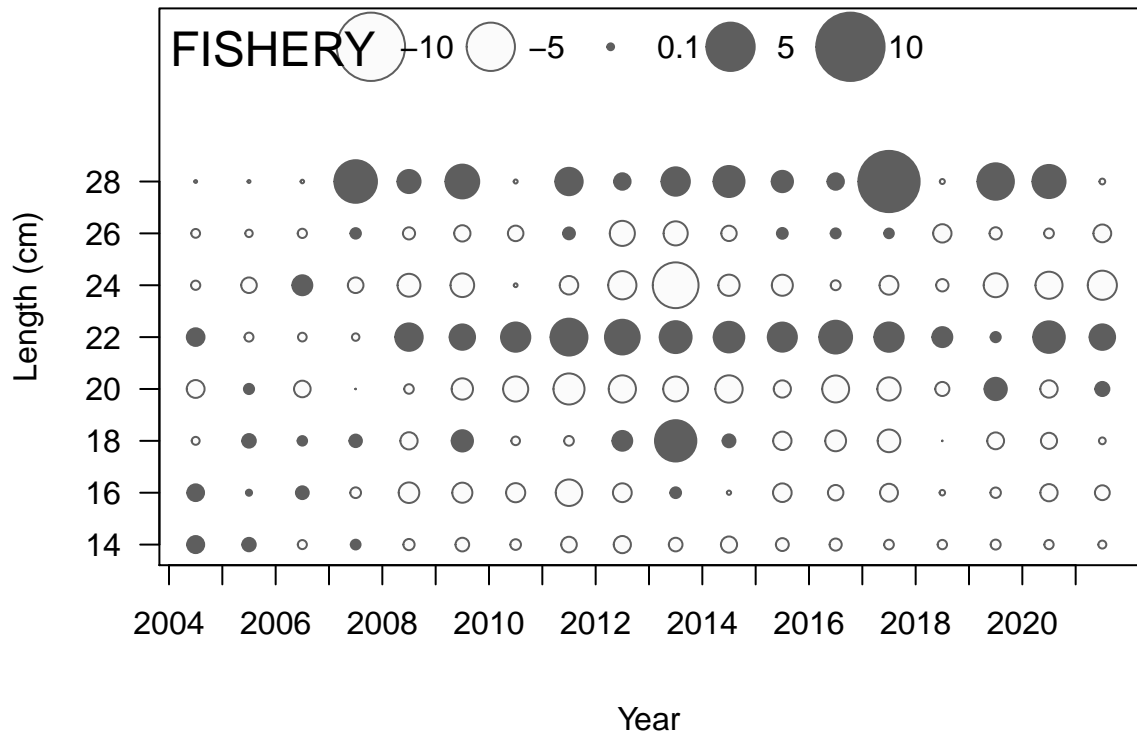




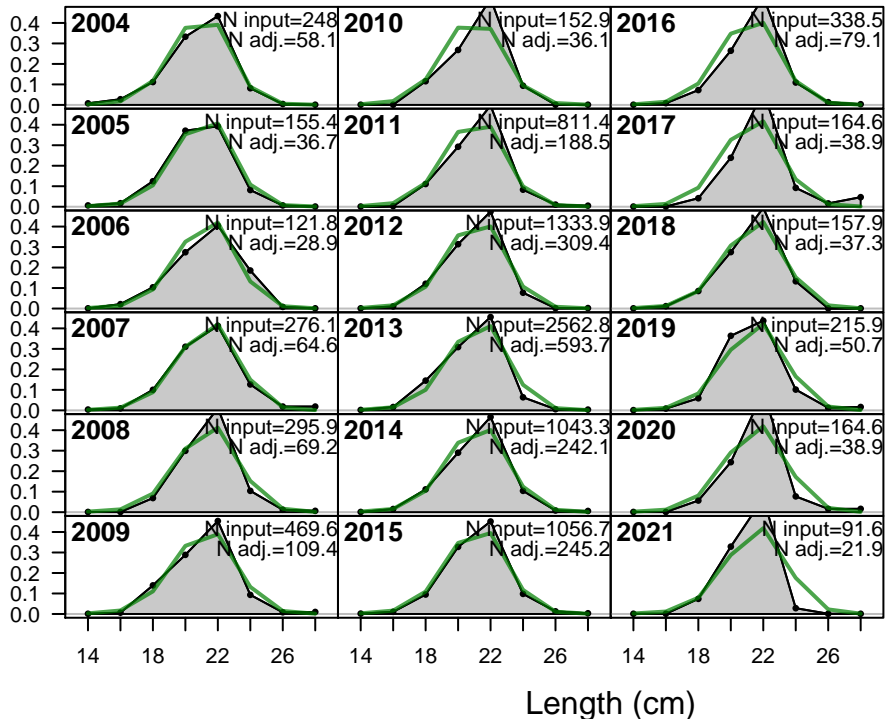
## FISHERY (whole catch)

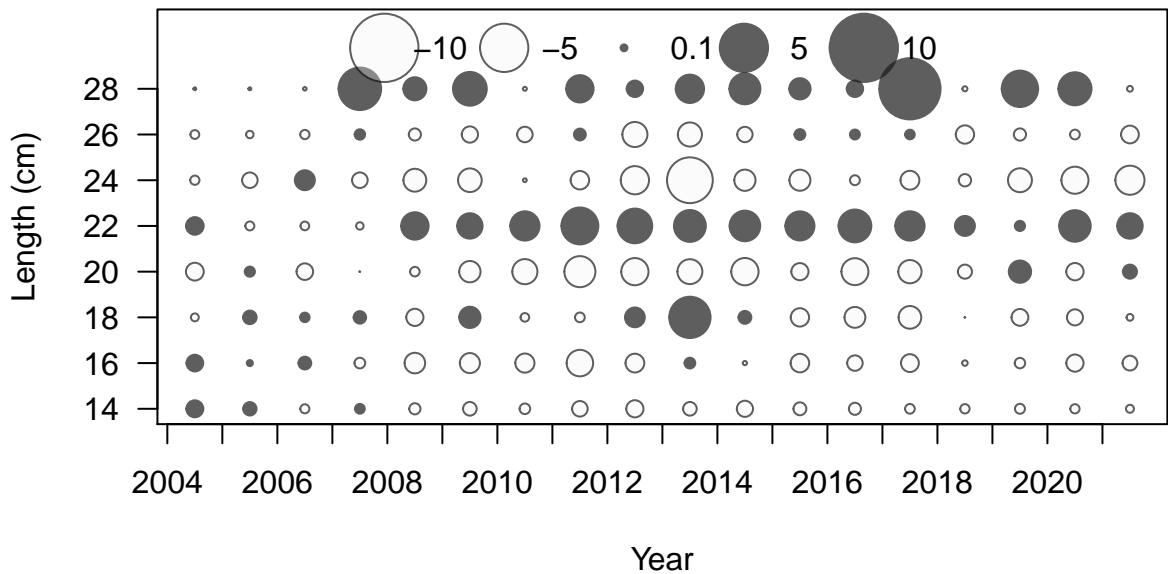






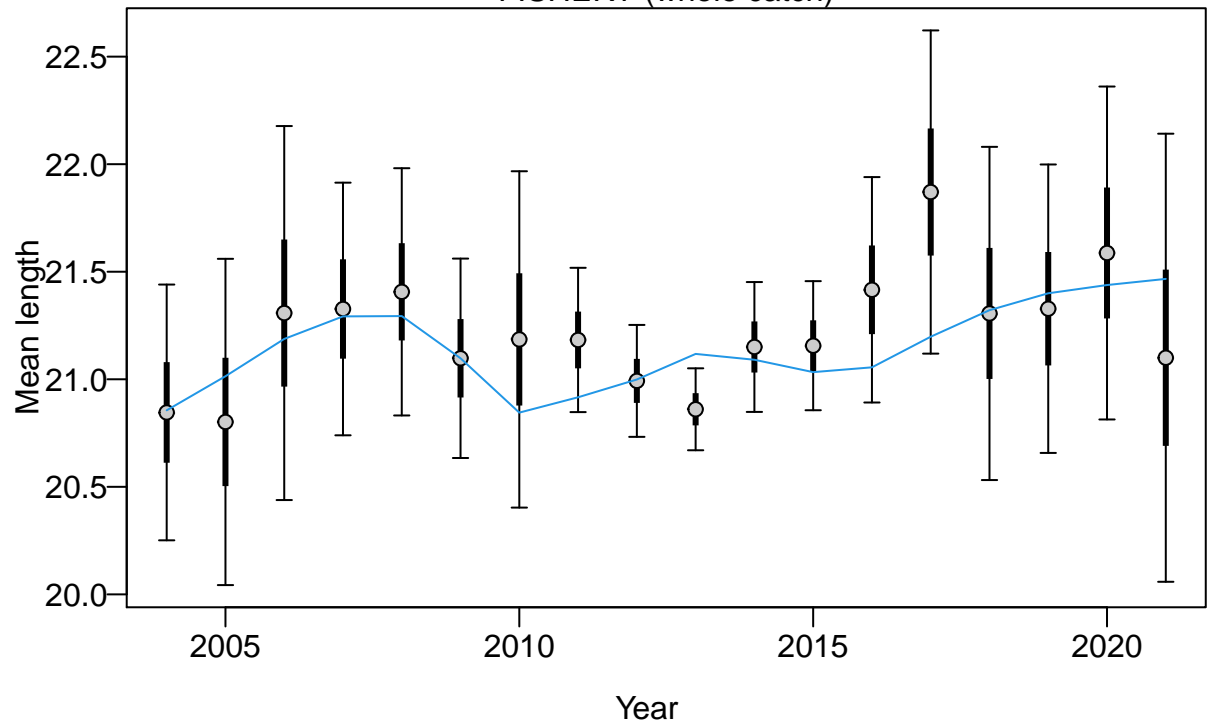
Proportion

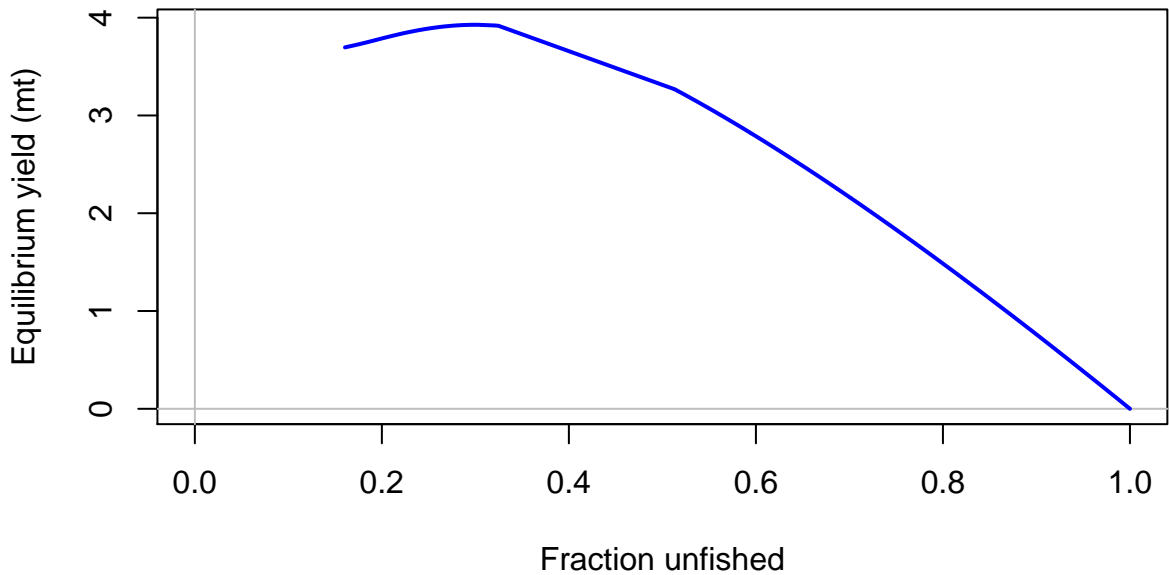


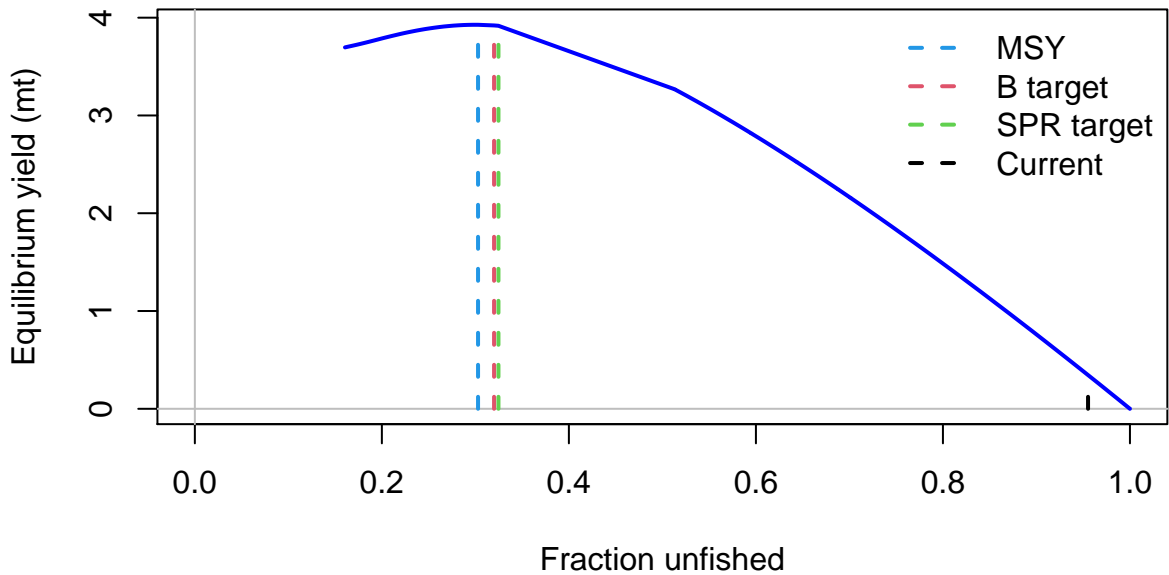


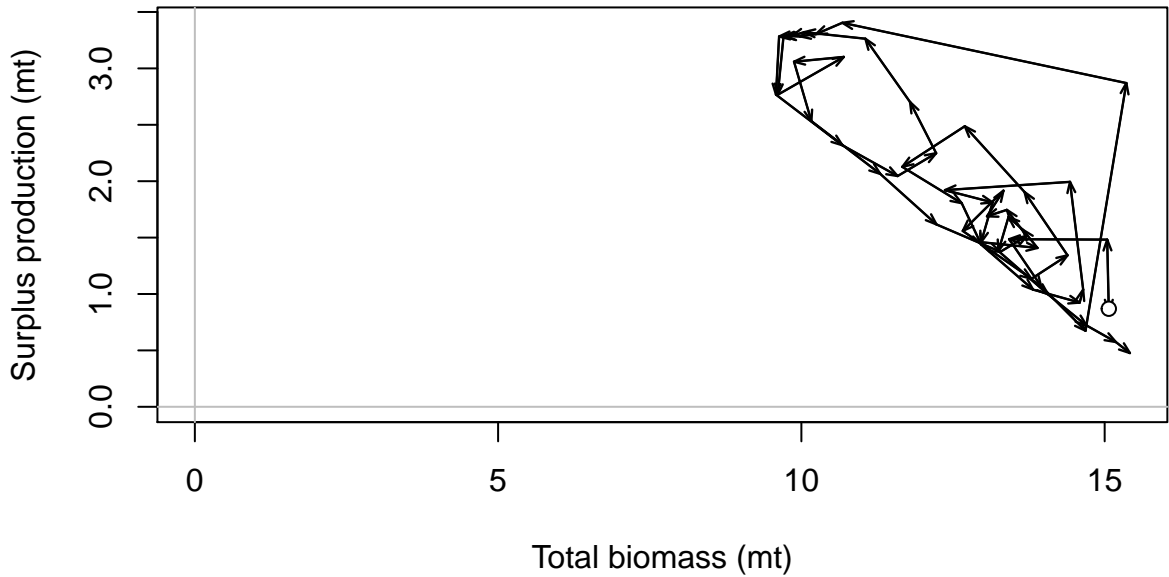


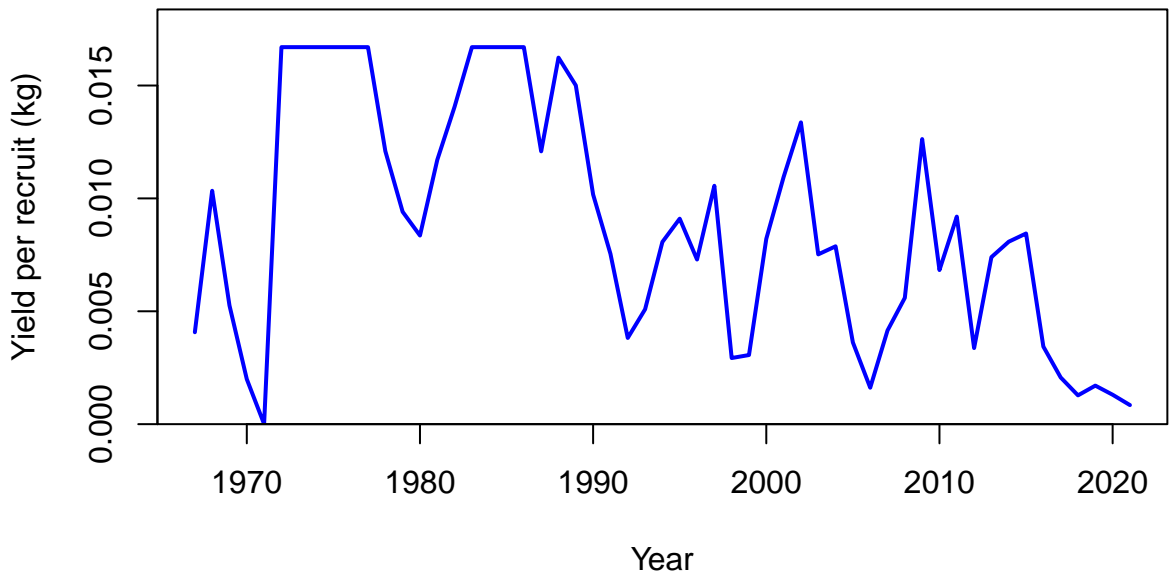
## FISHERY (whole catch)

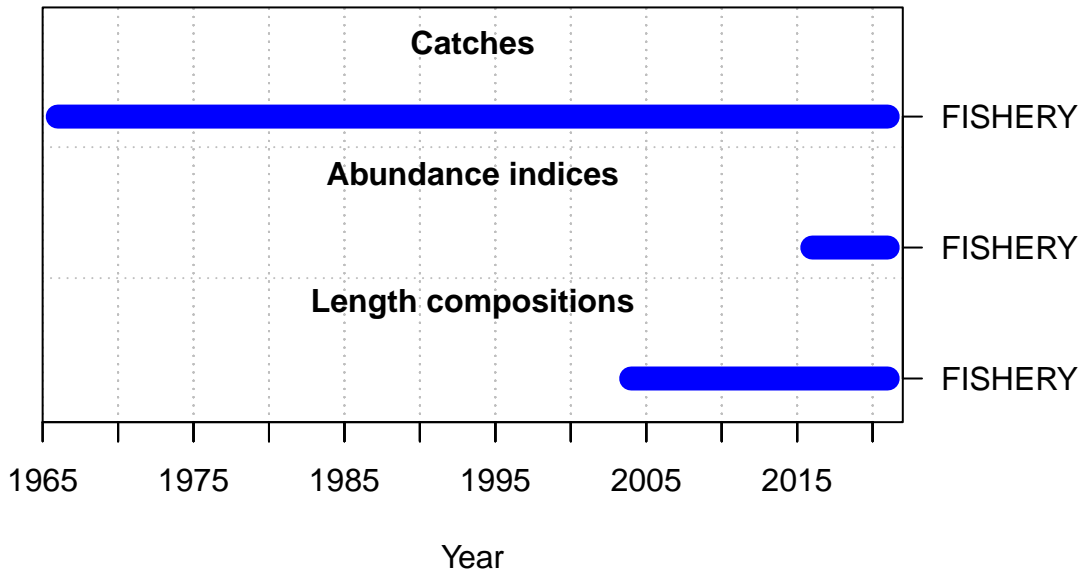


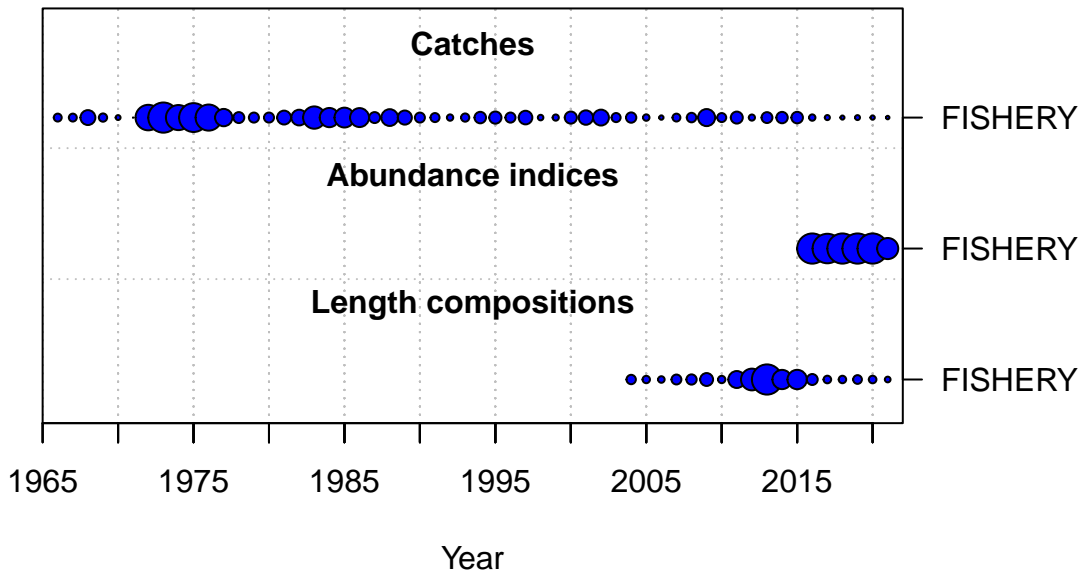


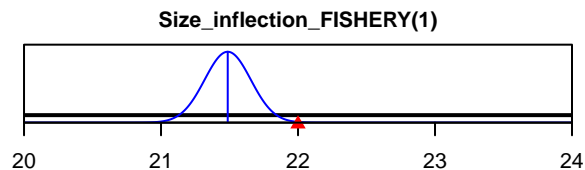
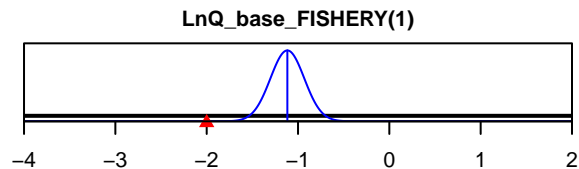
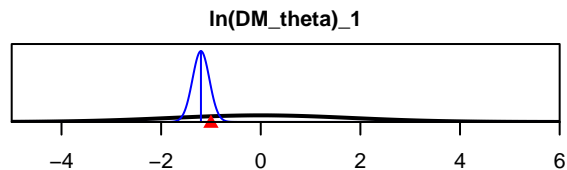
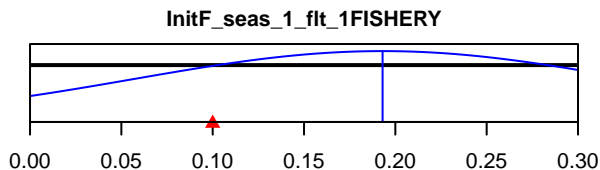
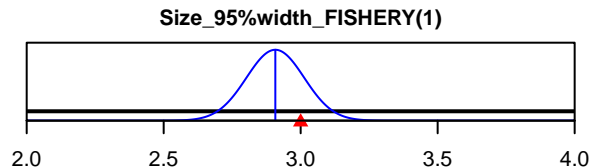
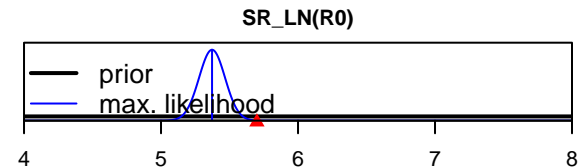












Parameter value