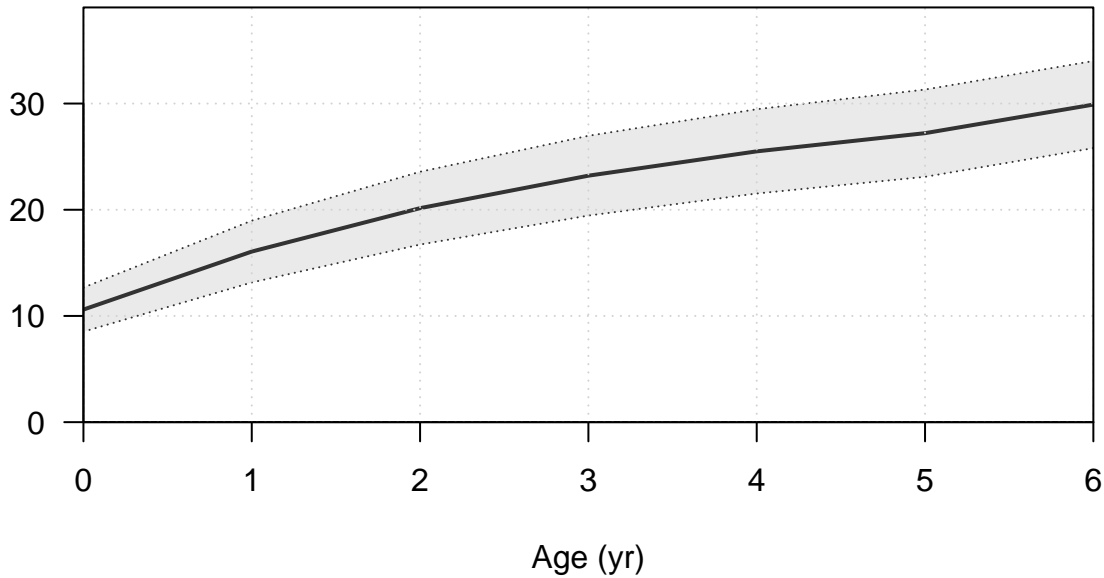
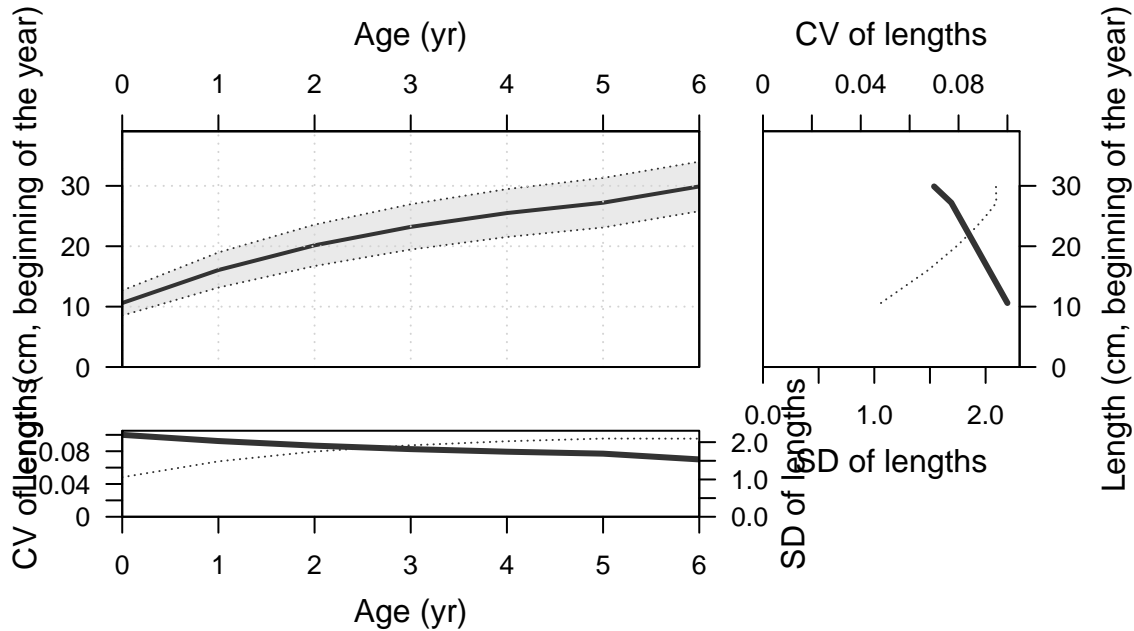
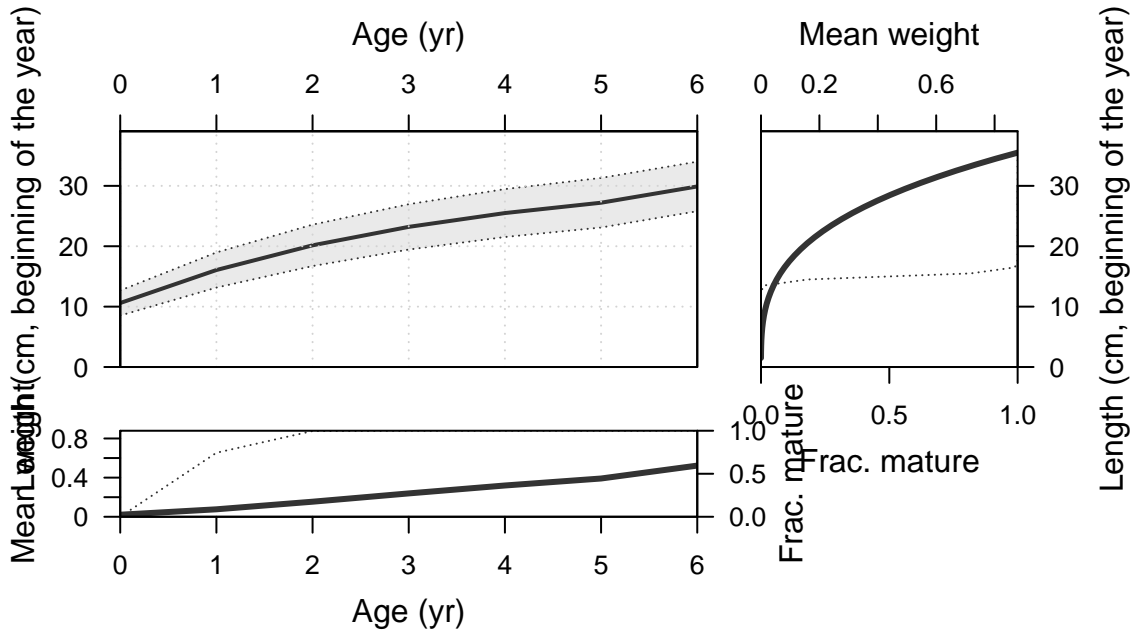


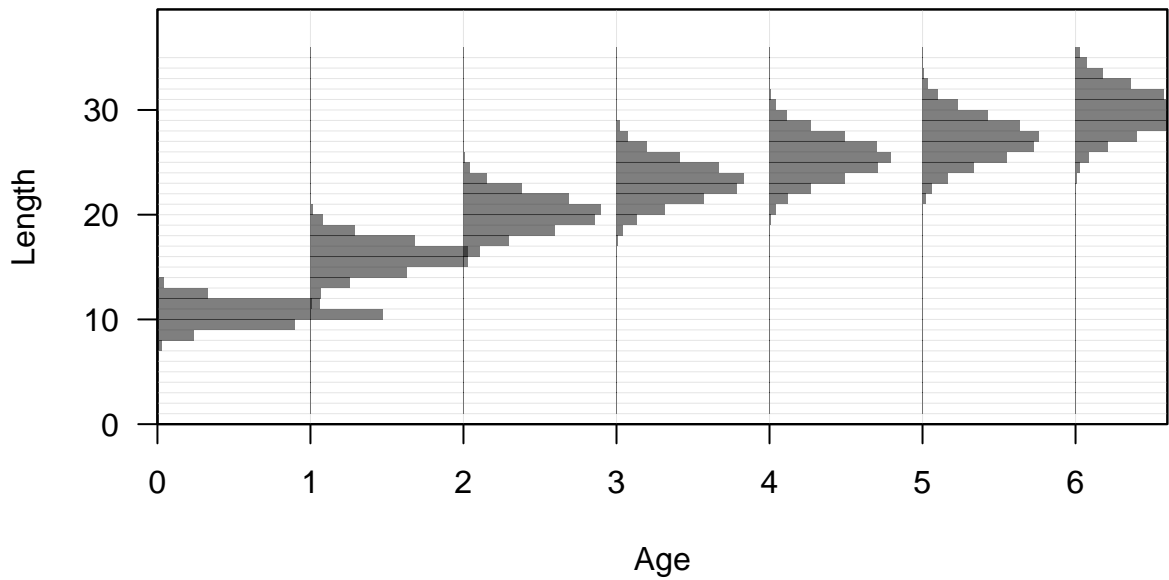
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Thu Jul 14 17:34:31 2022  
Data\_File: data.ss  
Control\_File: control.ss

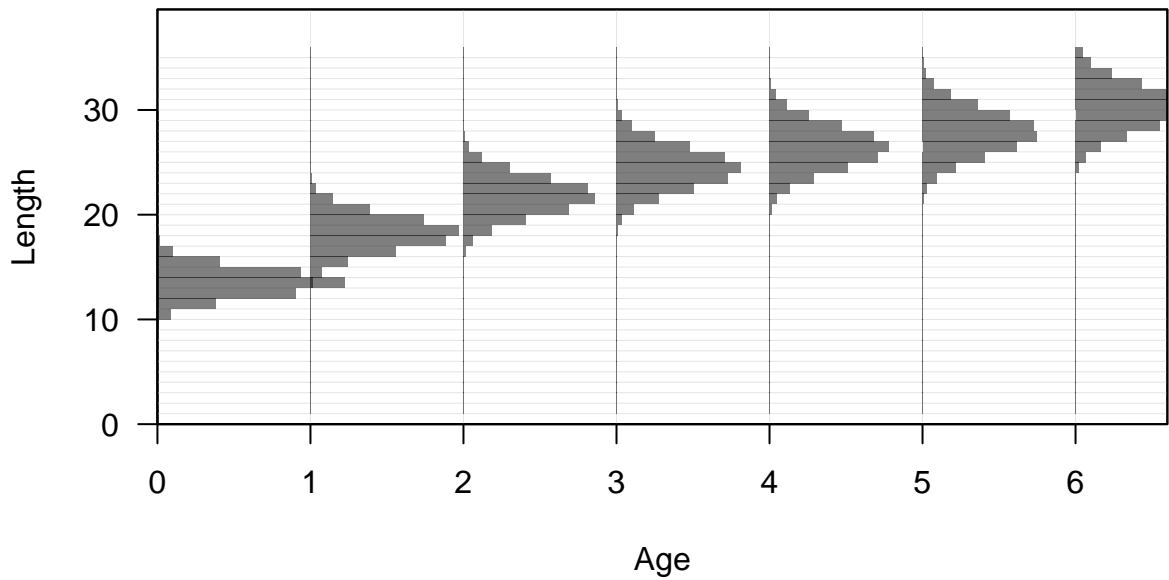
Length (cm, beginning of the year)

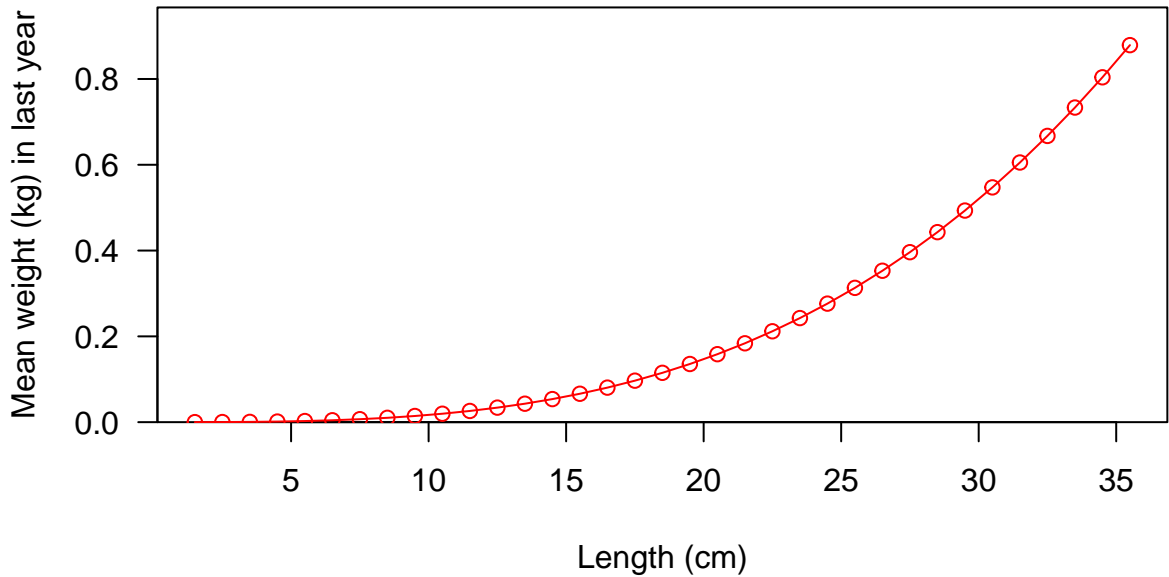


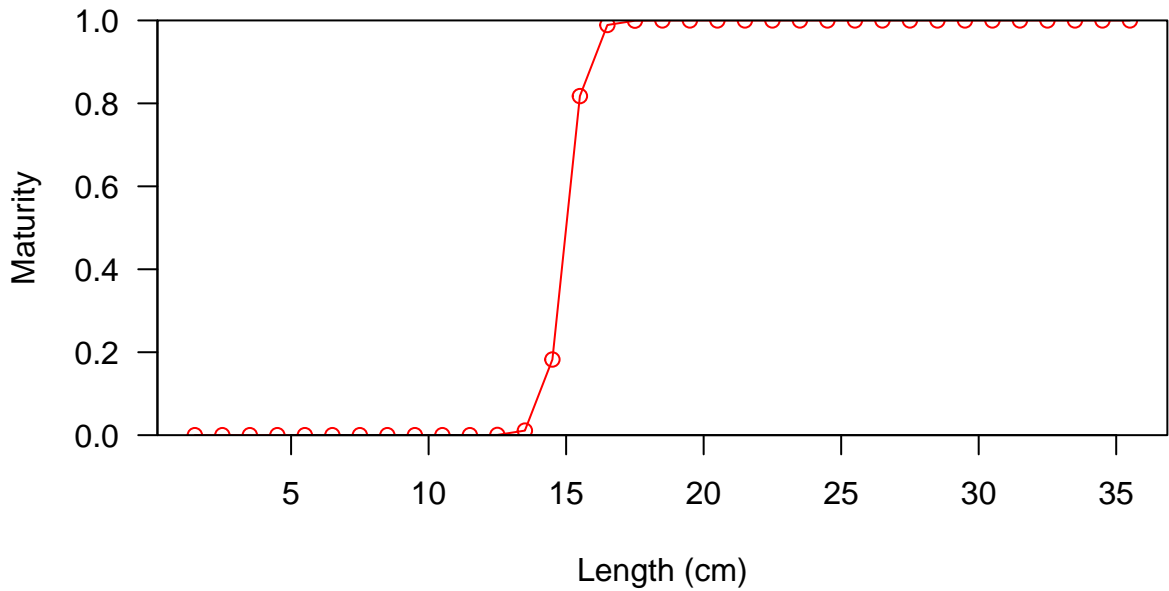




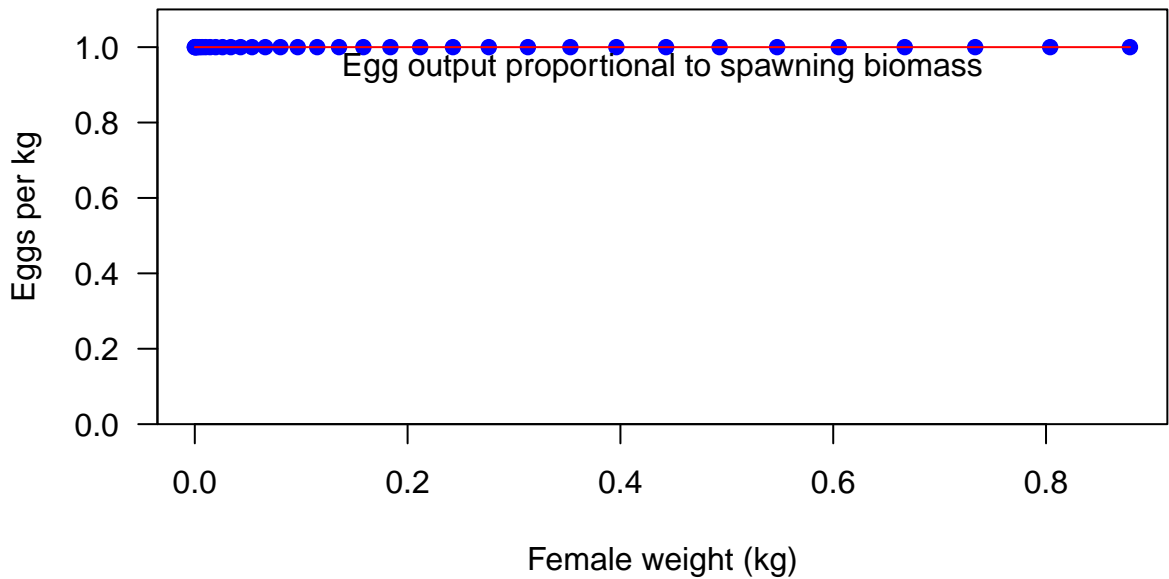


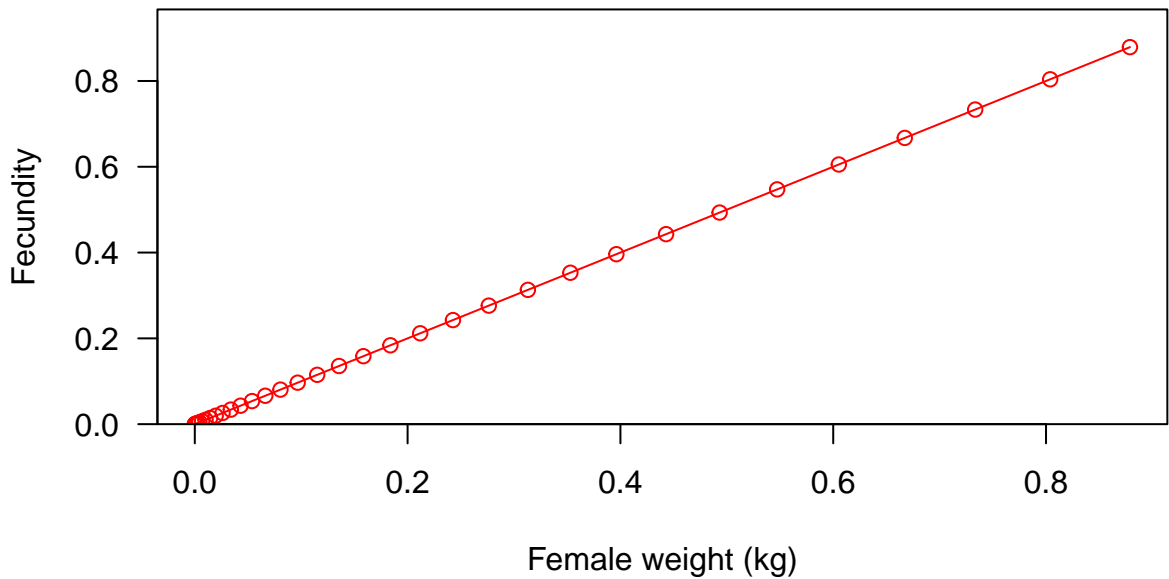


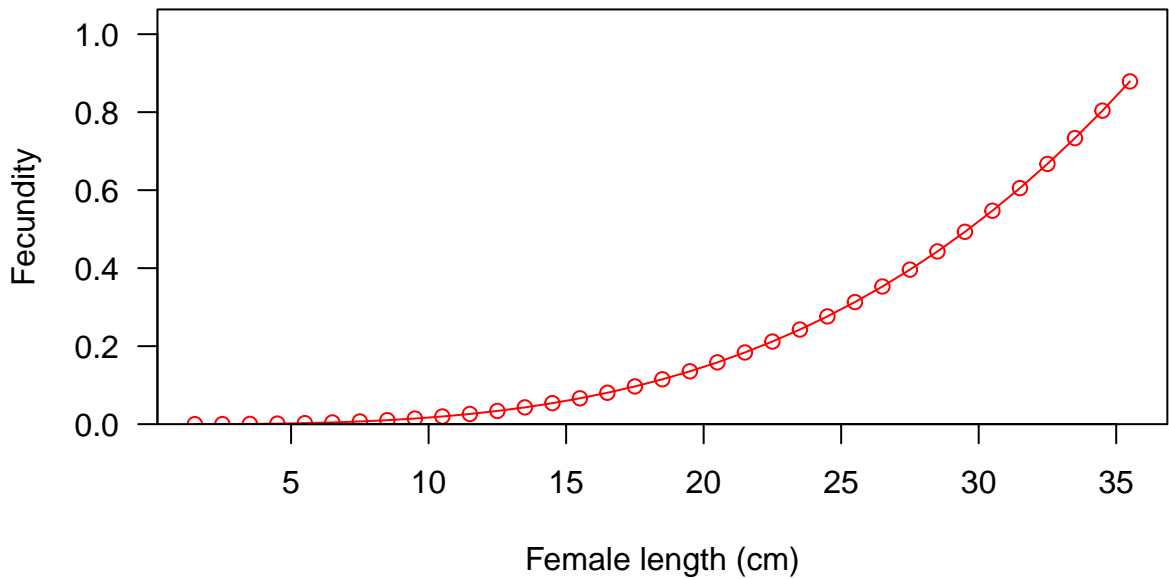


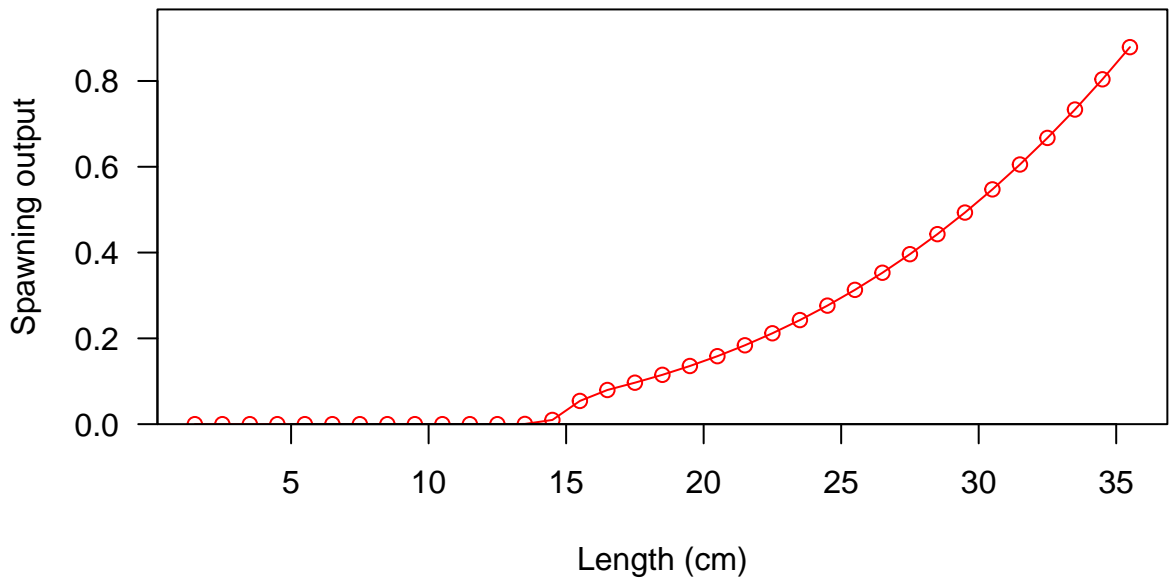


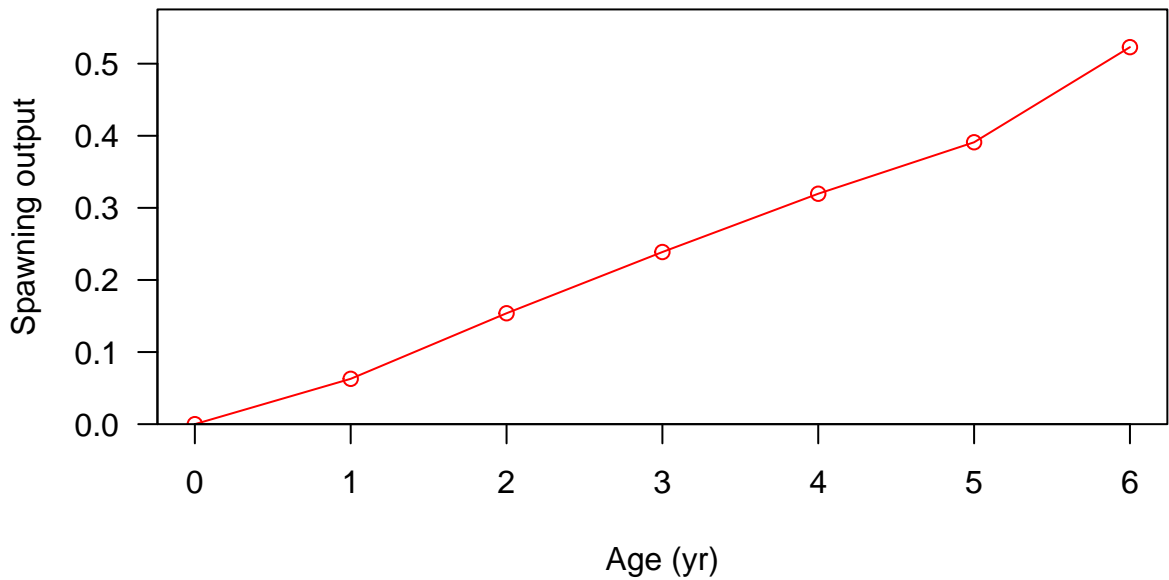




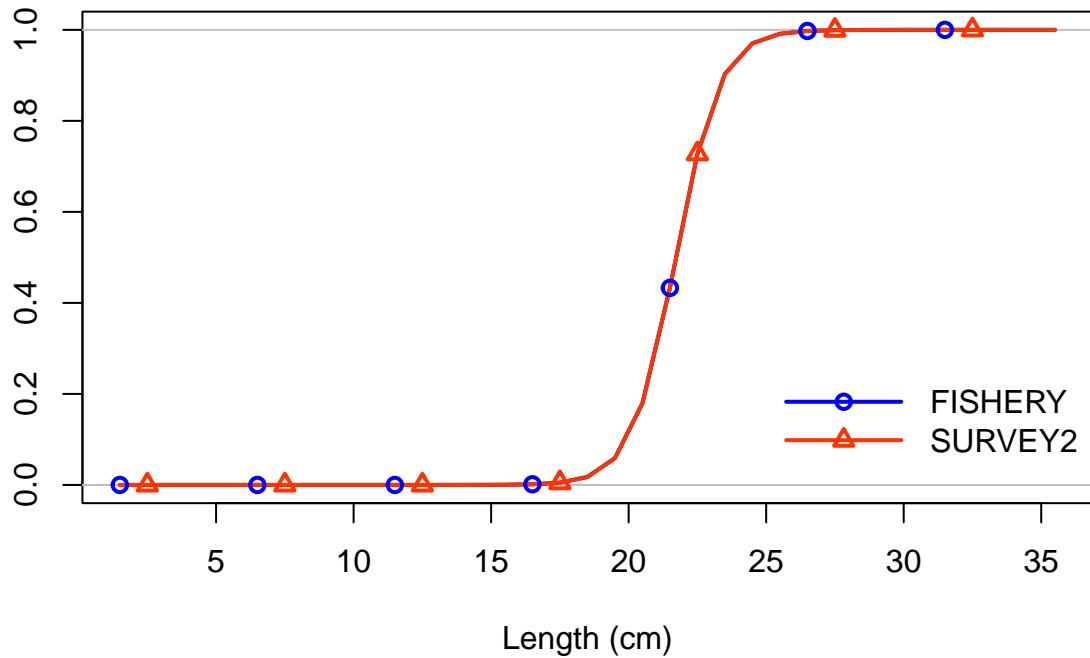




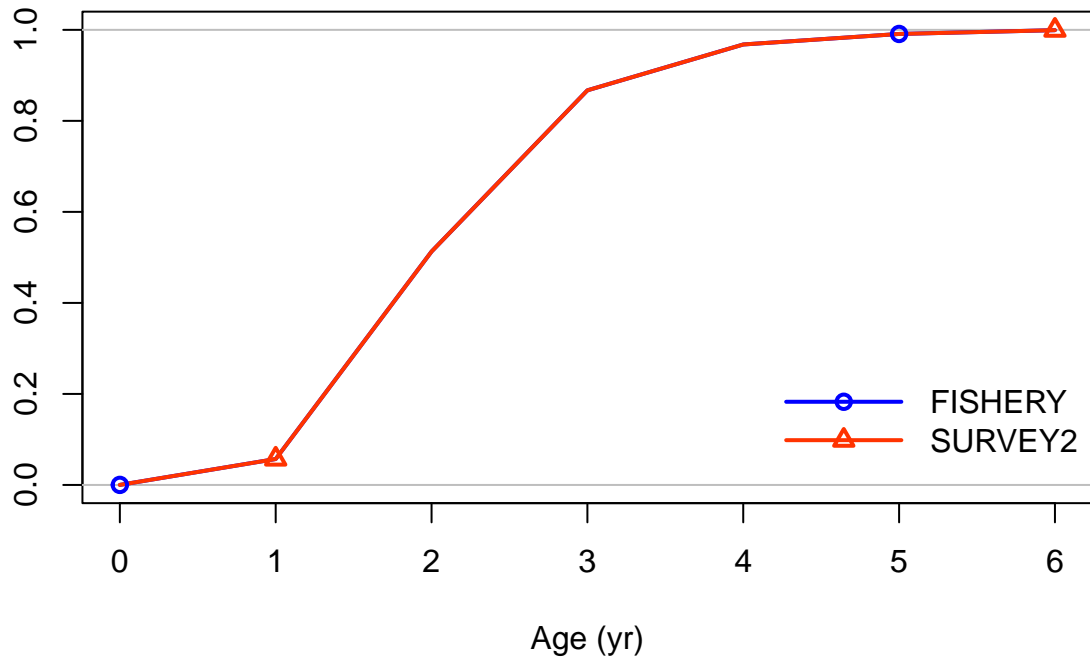




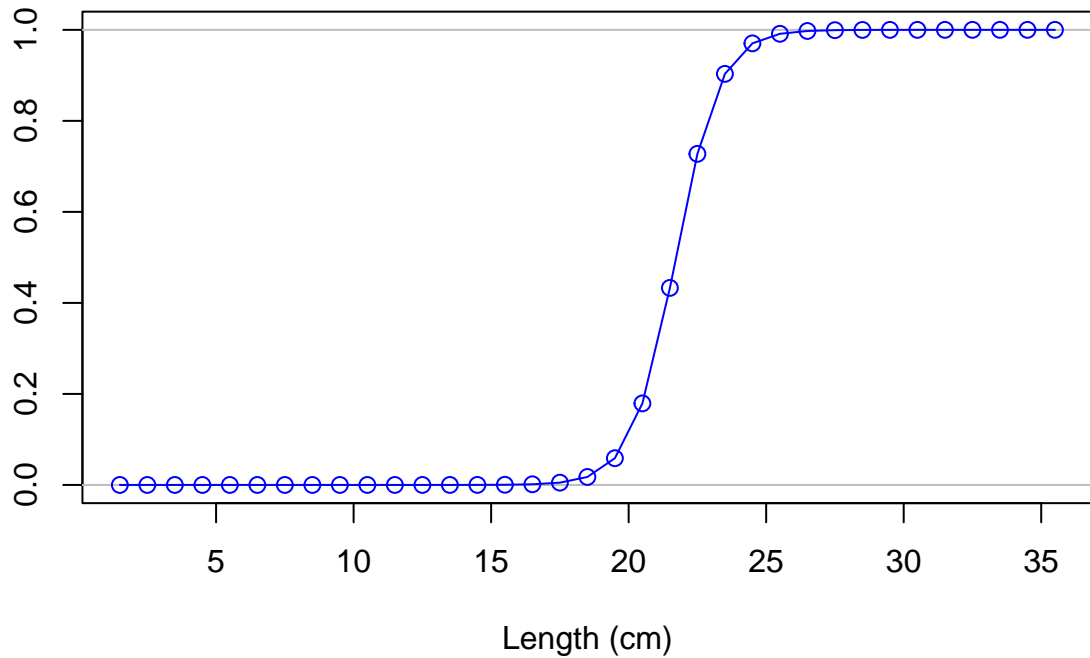
Selectivity



Selectivity

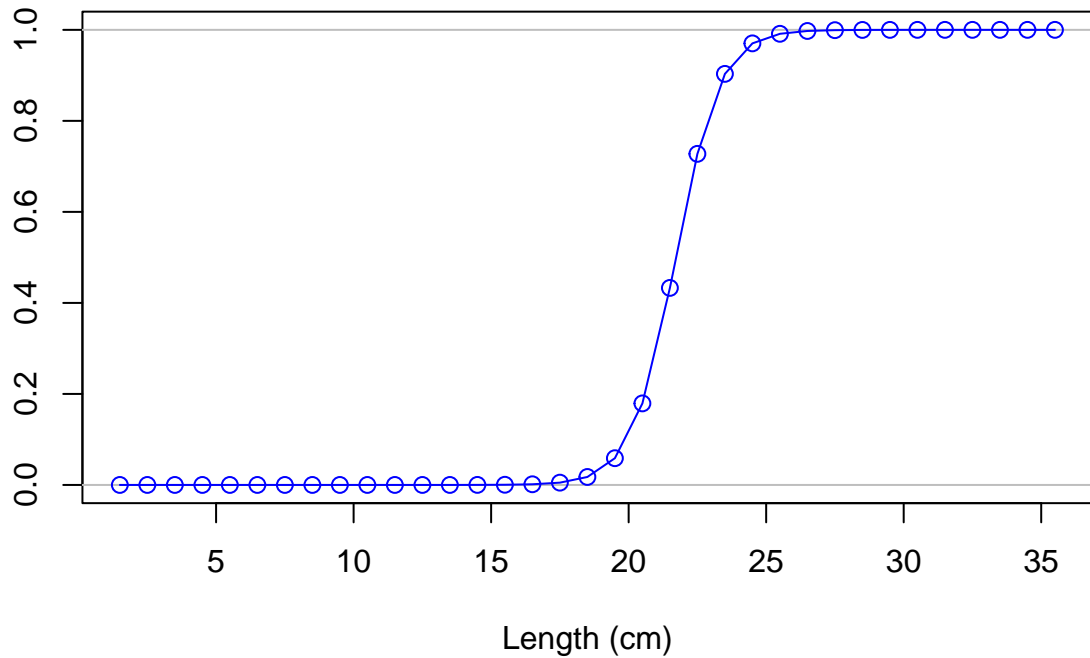


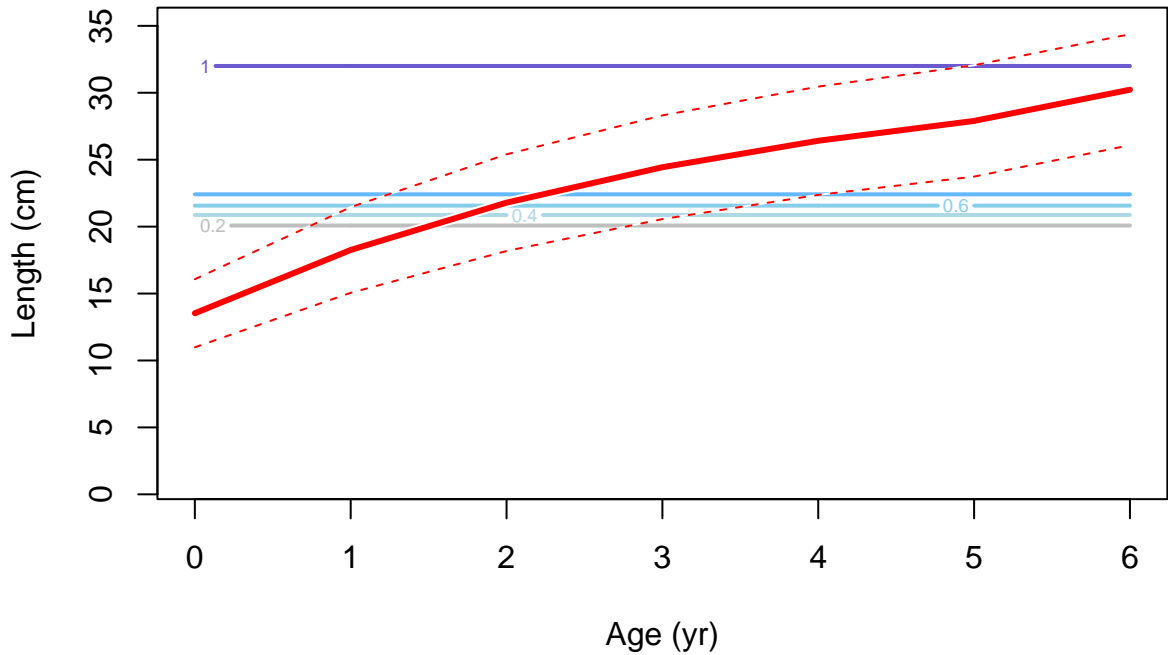
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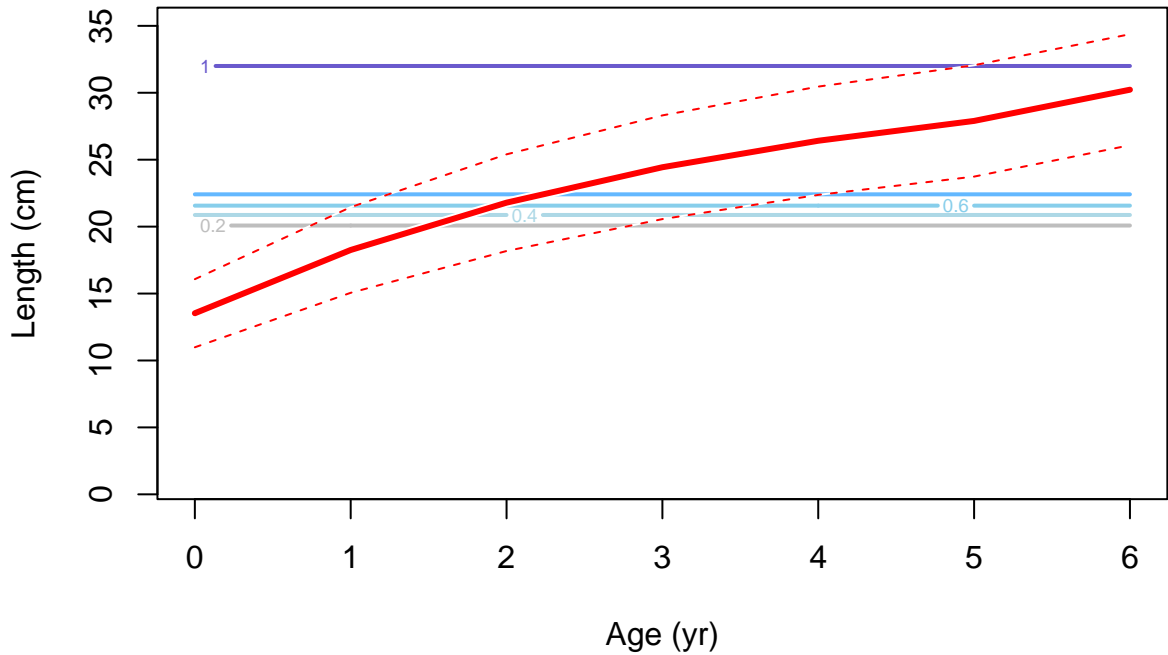




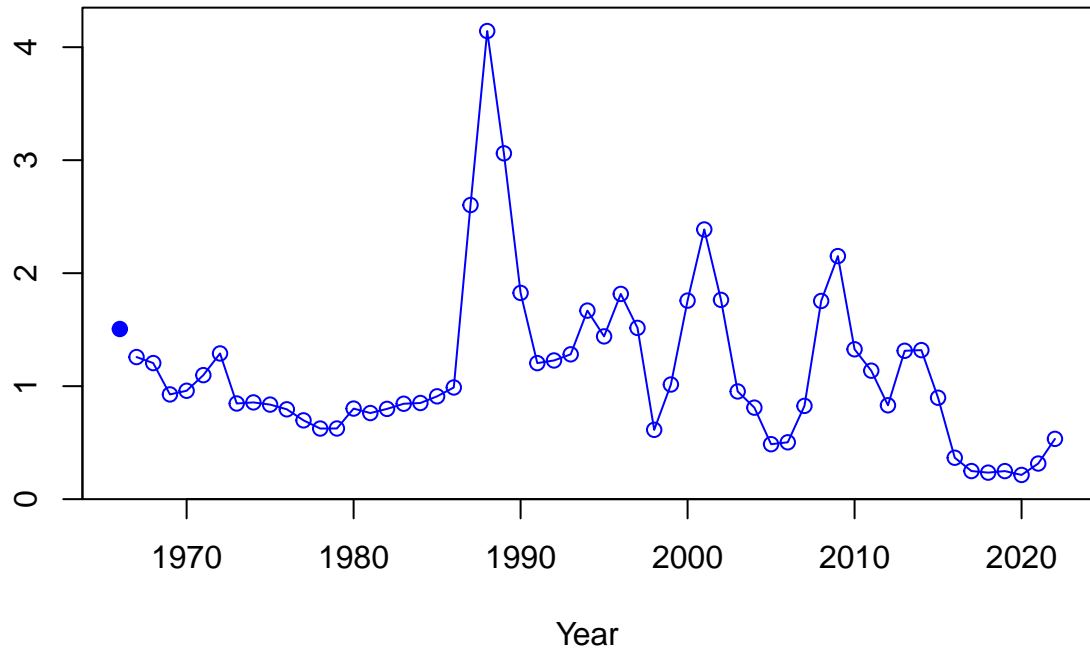
Selectivity



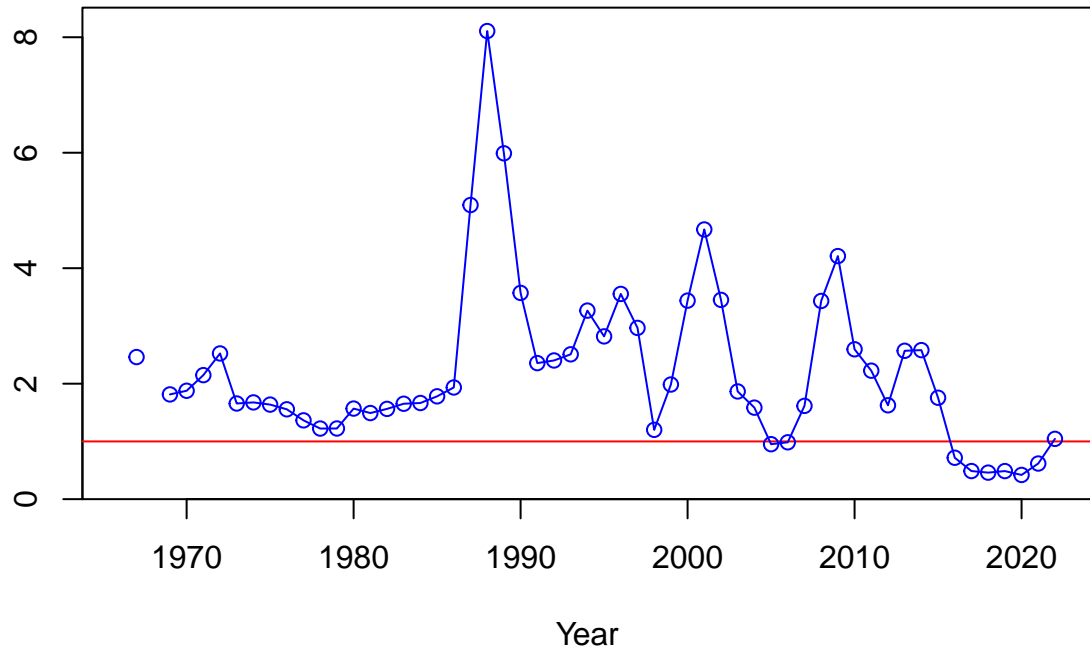


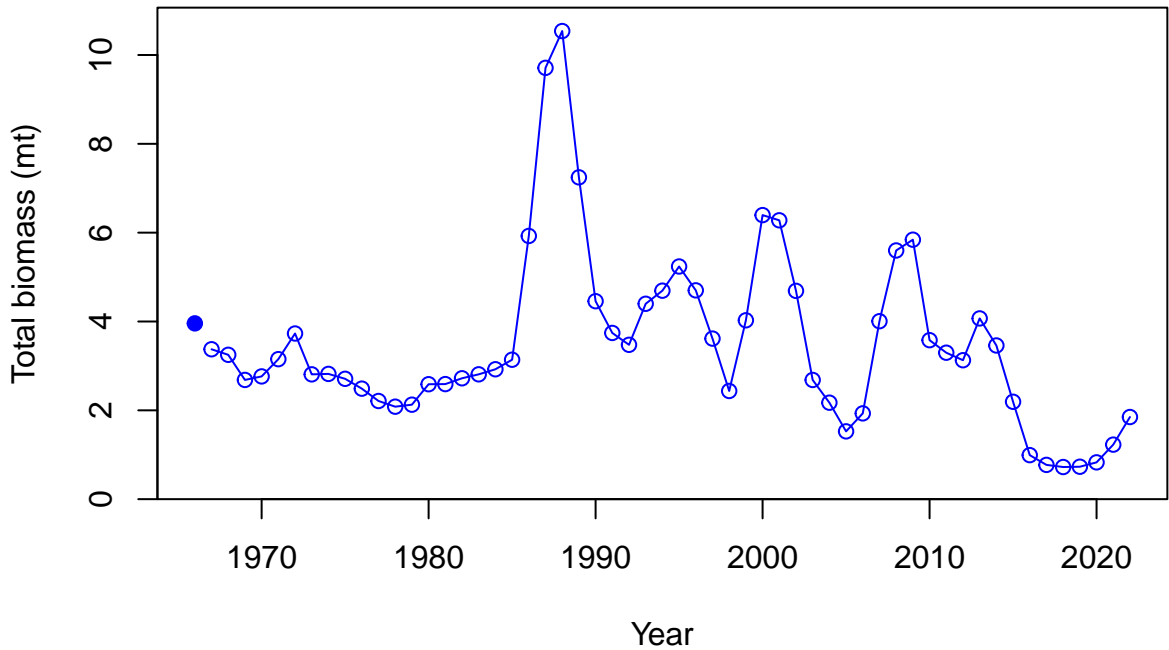


Spawning biomass (mt)

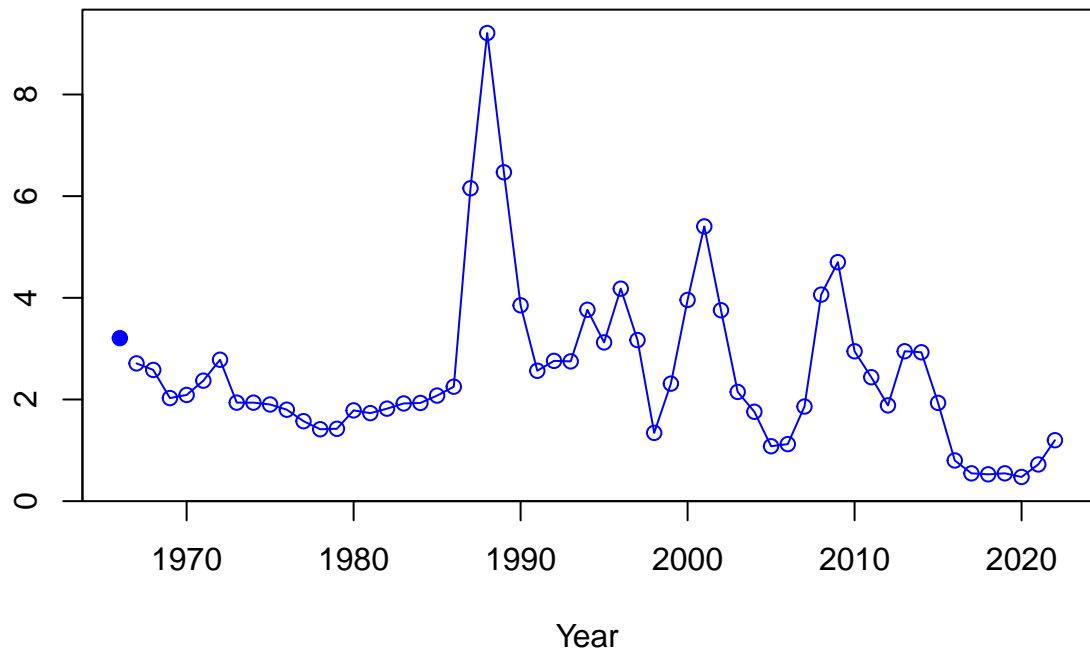


Relative spawning biomass:  $B/B_{MSY}$

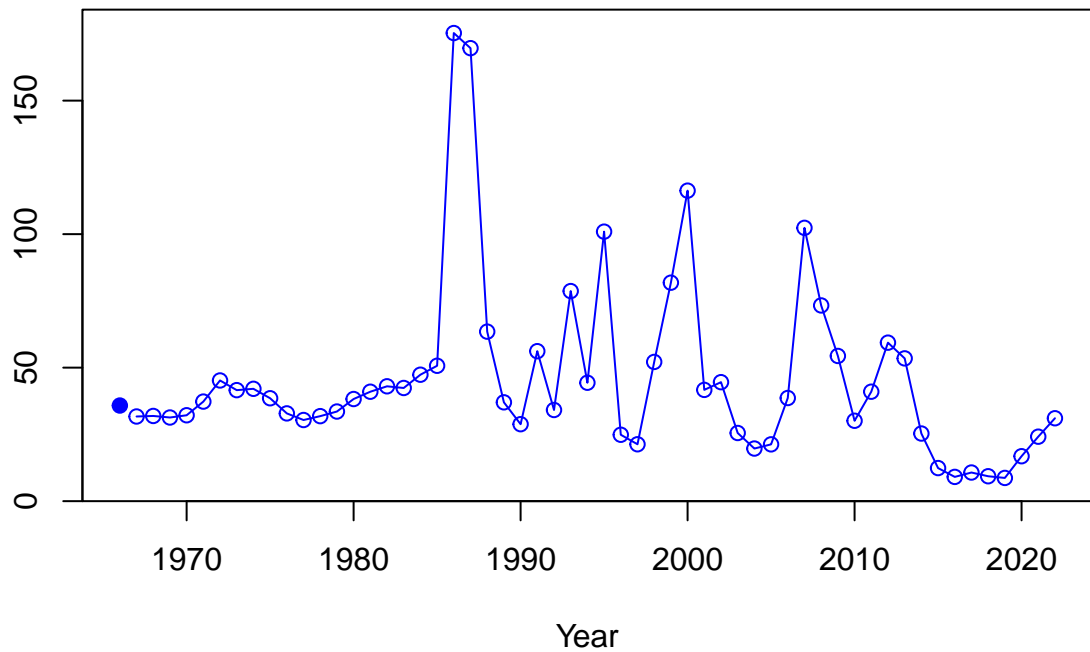




Summary biomass (mt)

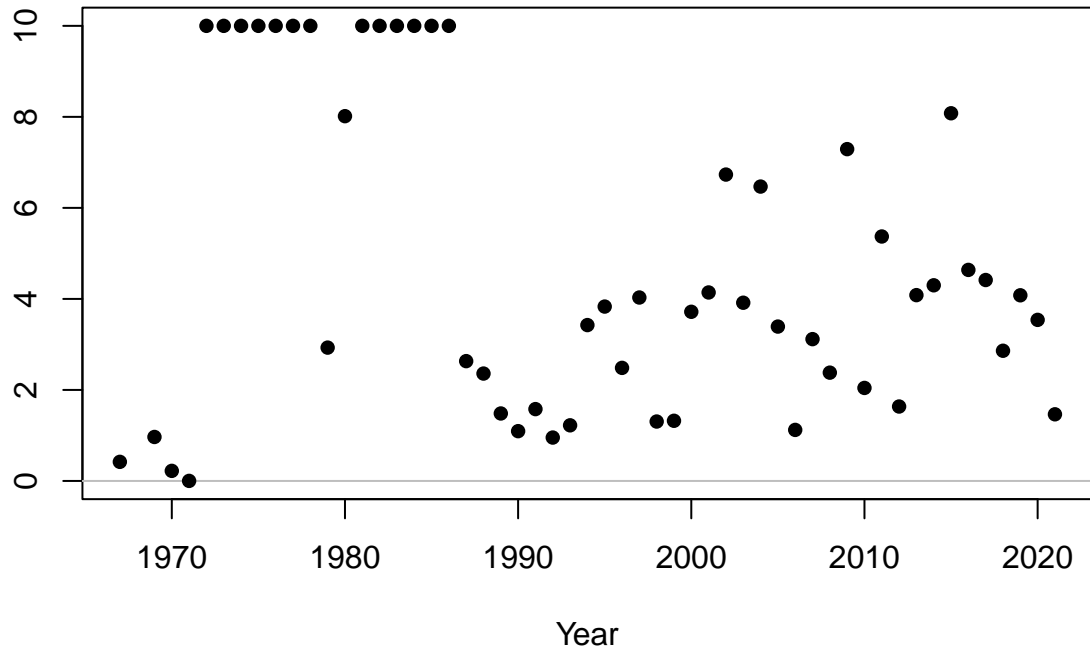


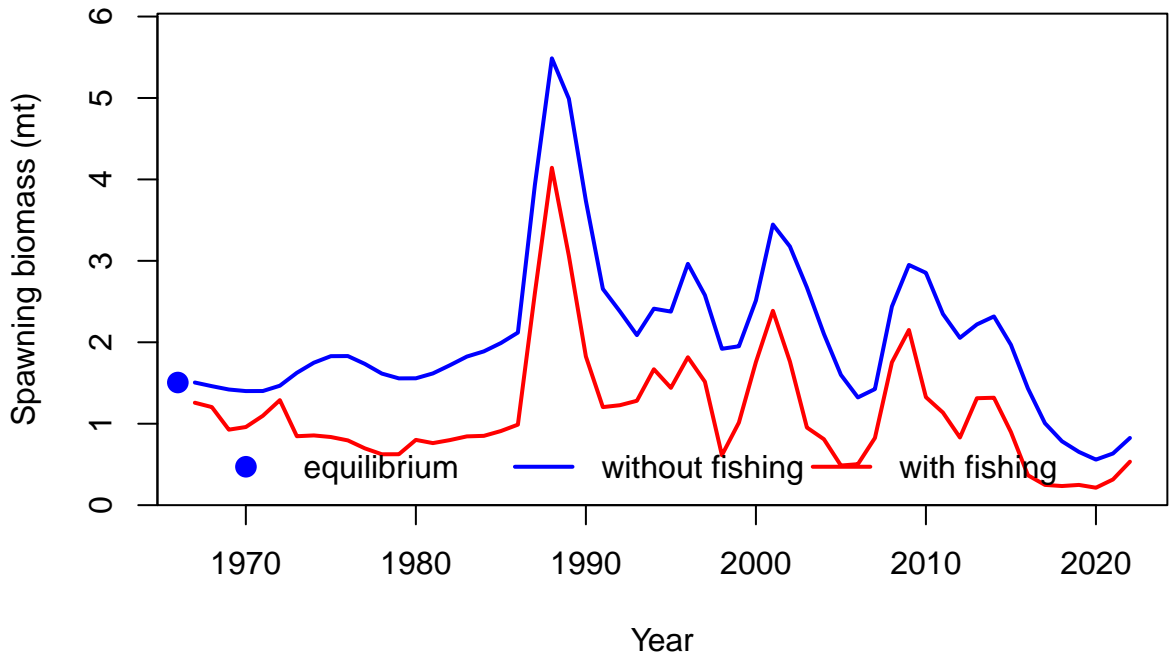
Age-0 recruits (1,000s)



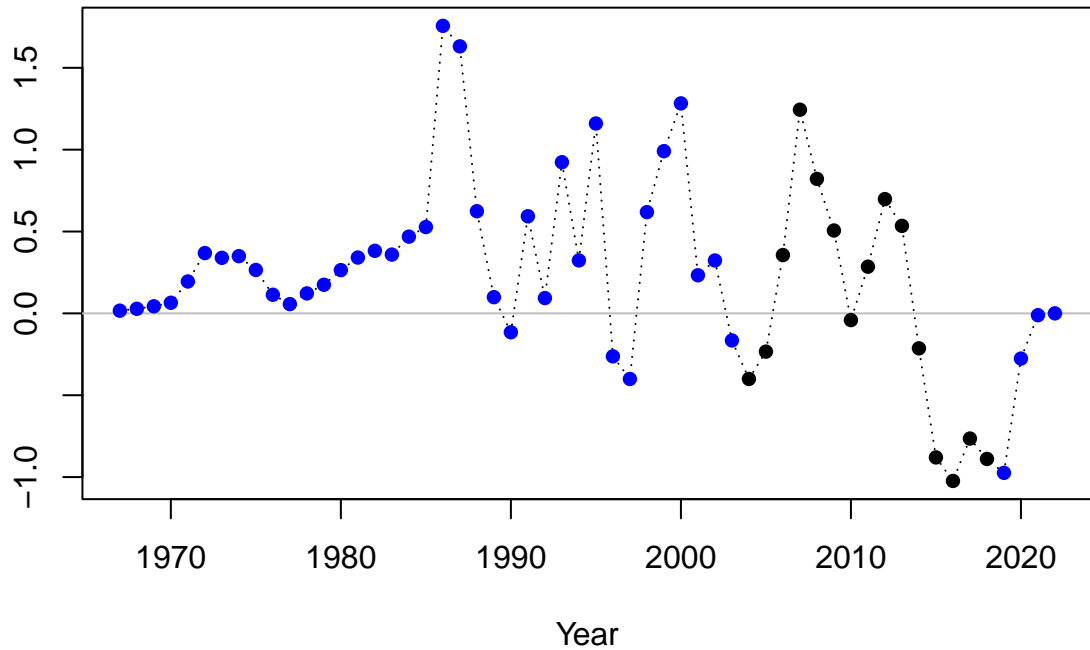


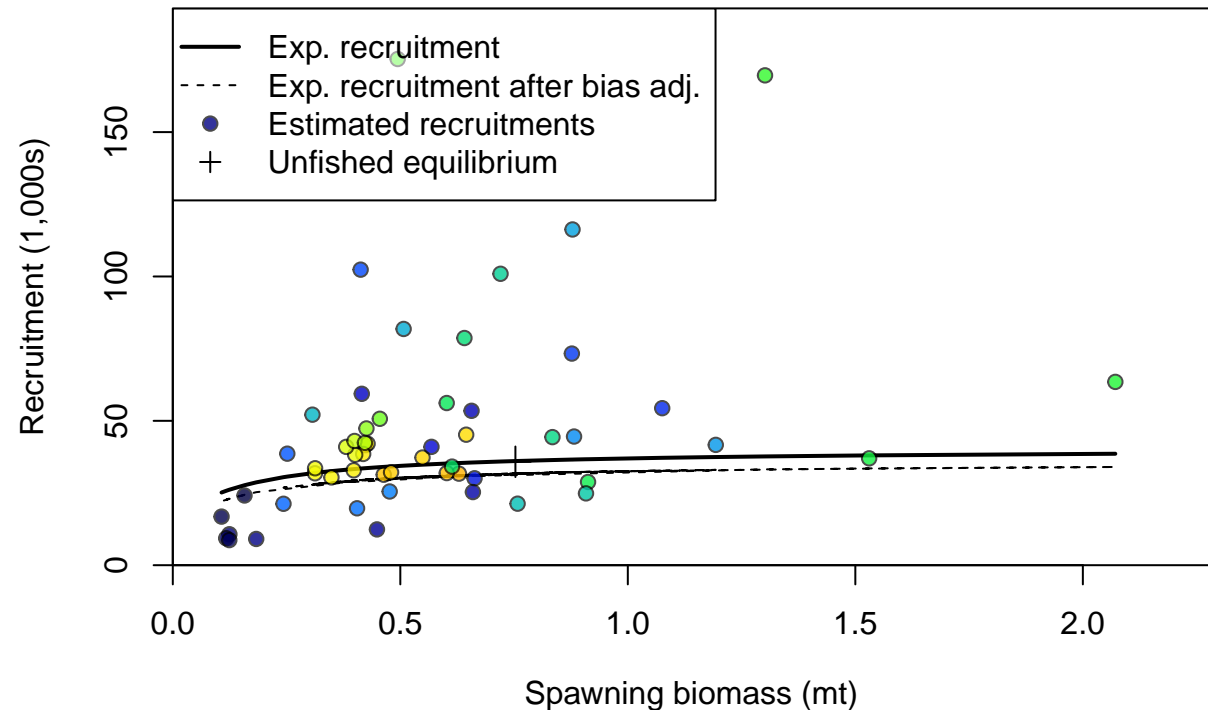
Summary Fishing Mortality

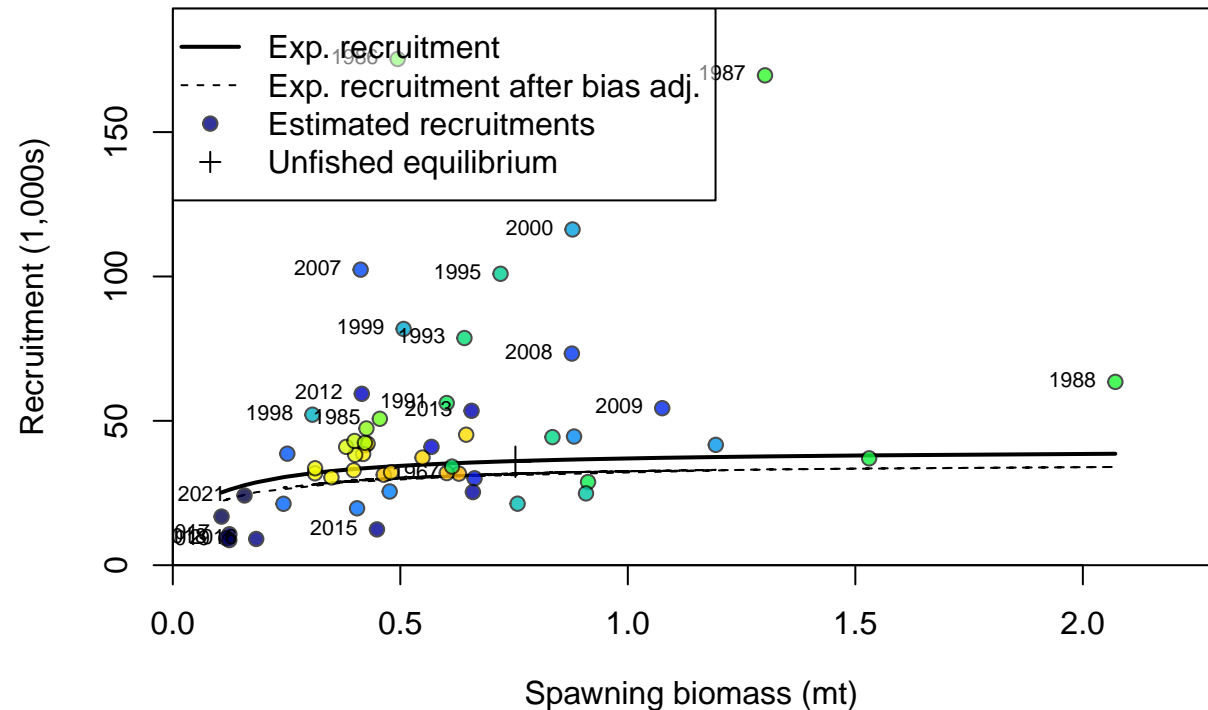




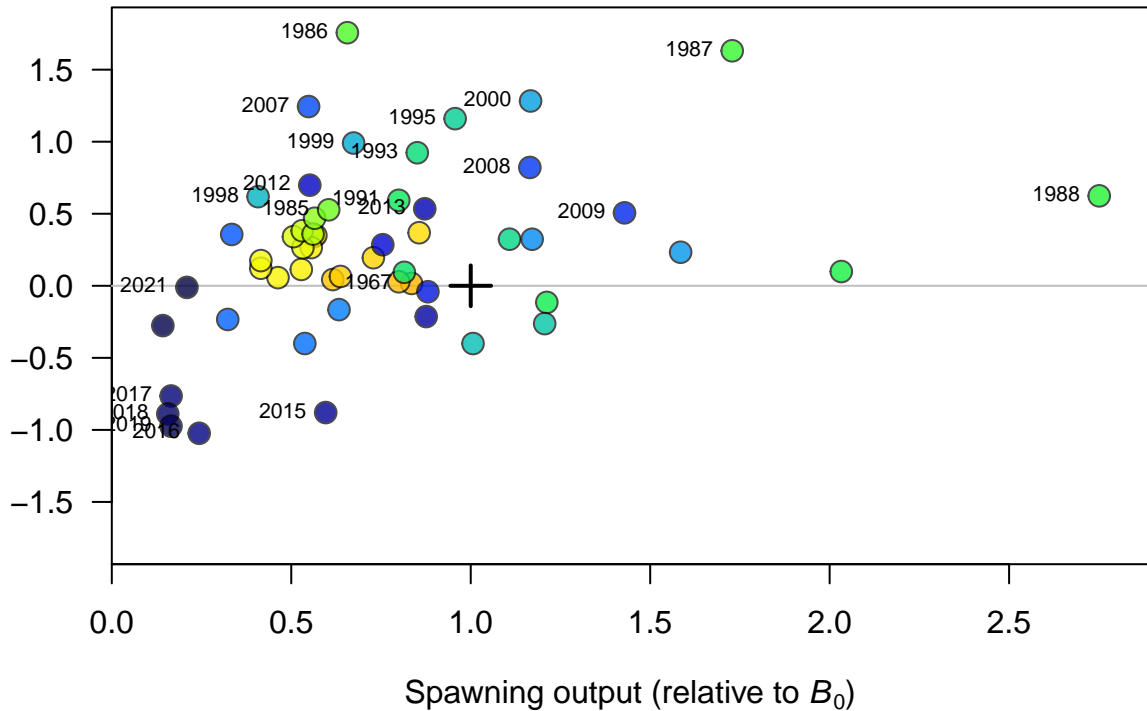
Log recruitment deviation

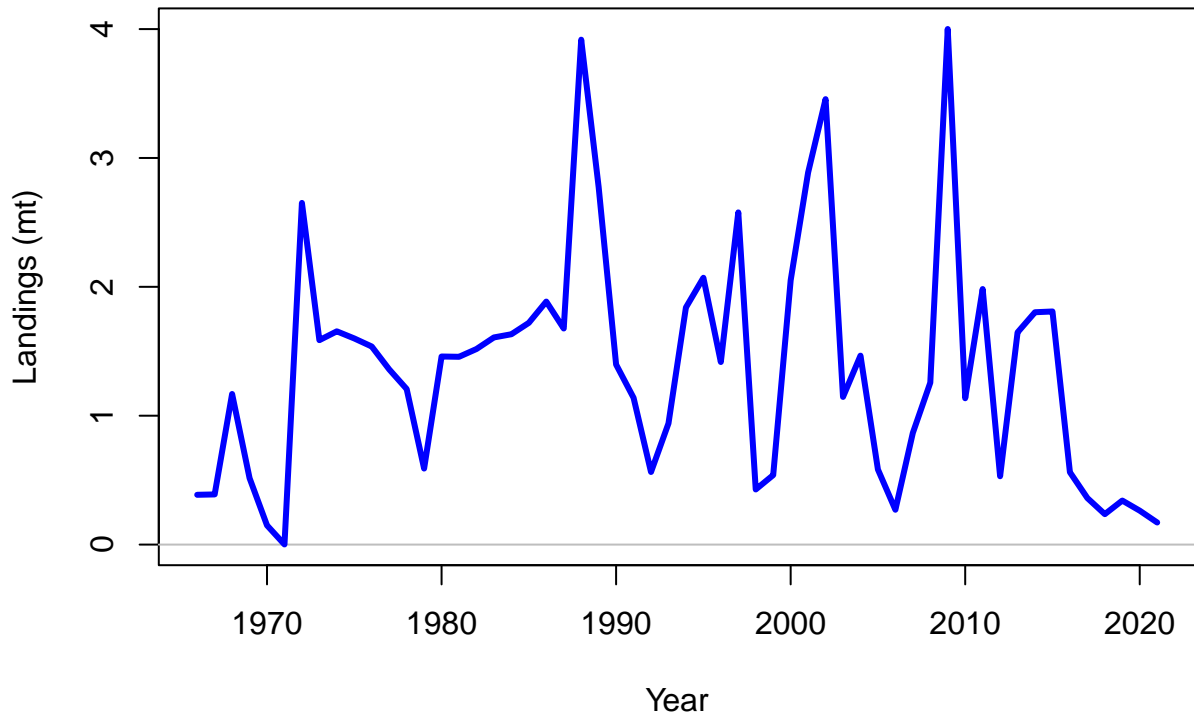




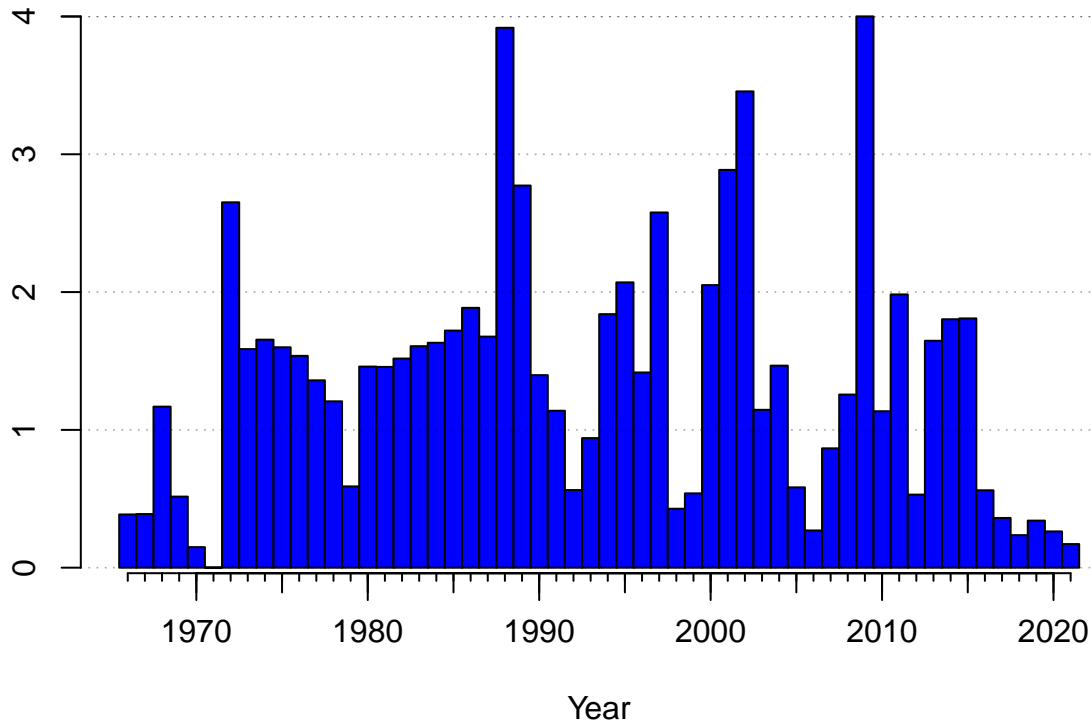


Log recruitment deviation



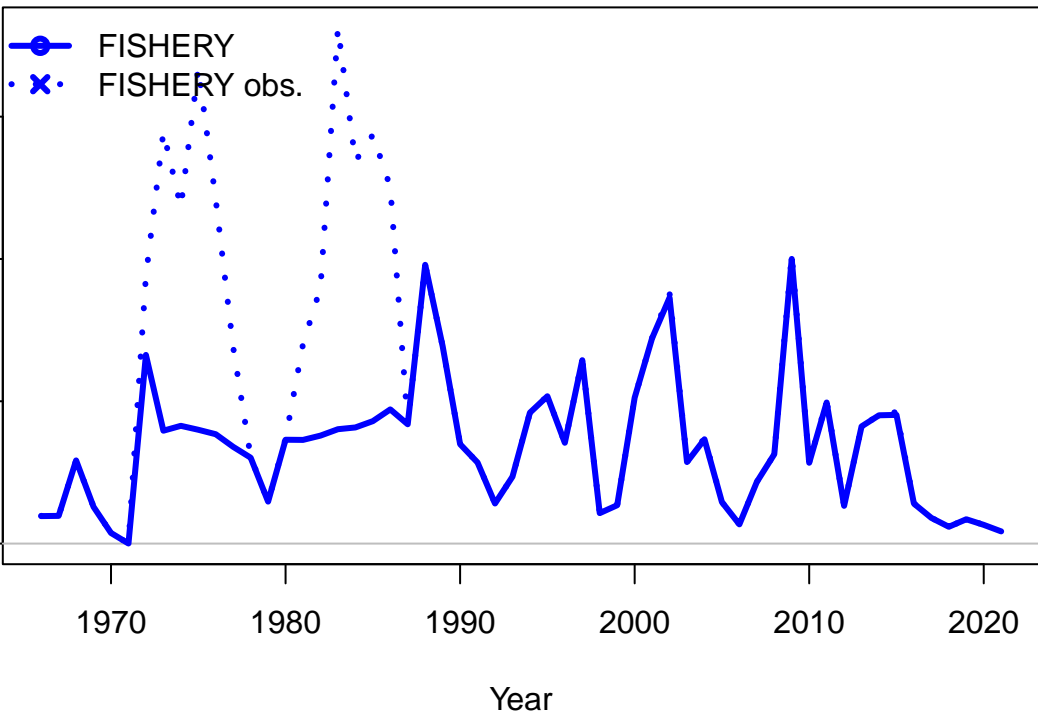


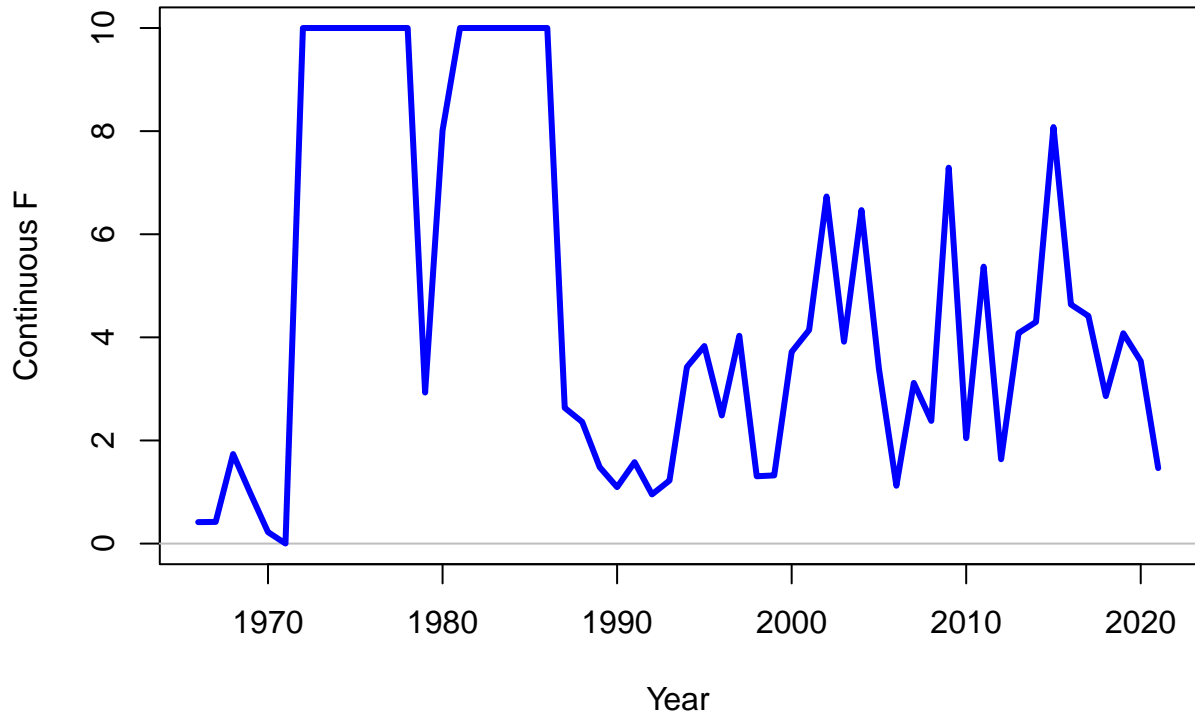
Landings (mt)



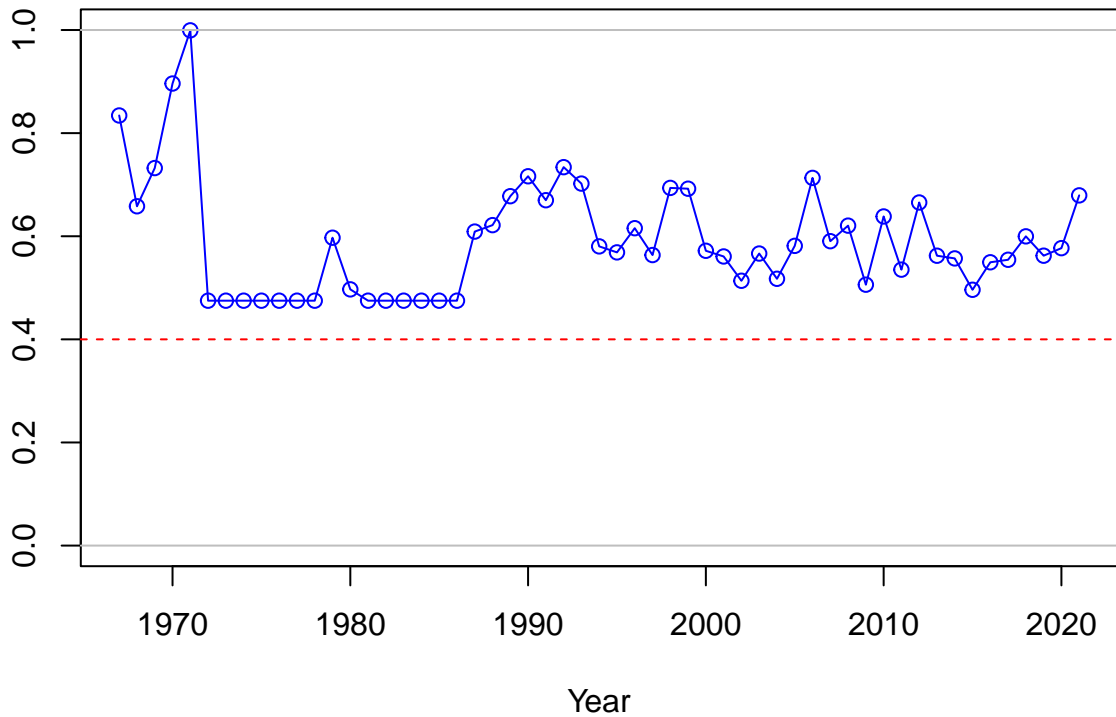


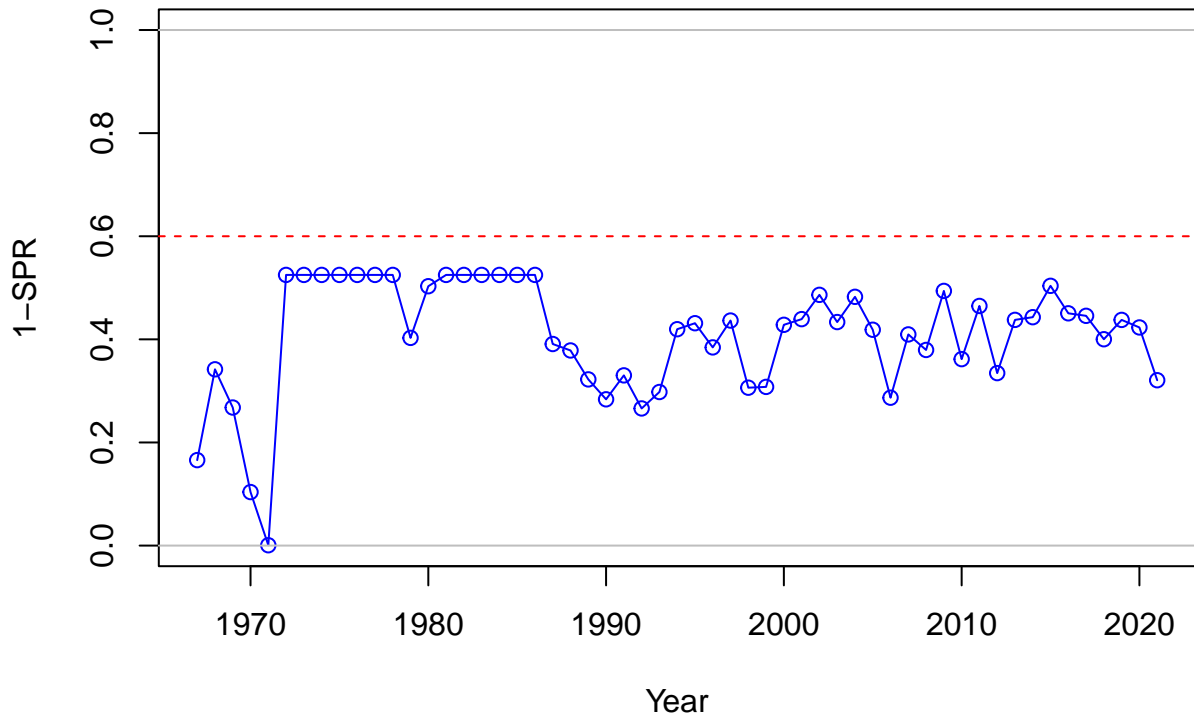
Observed and expected Landings (mt)



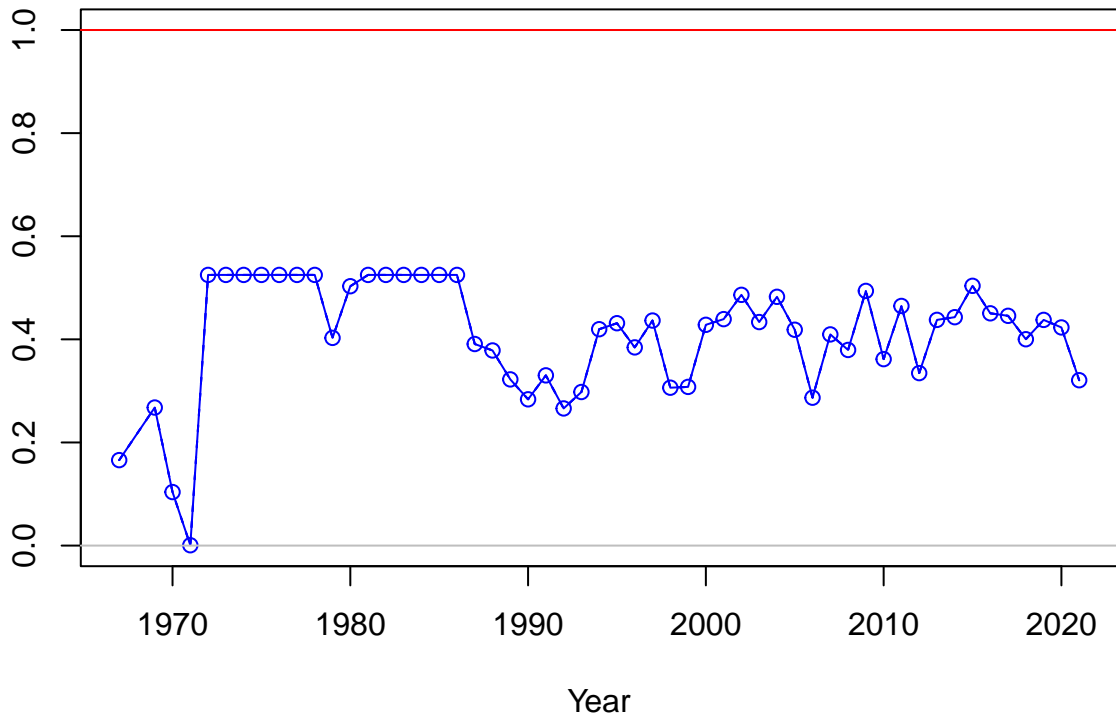


SPR

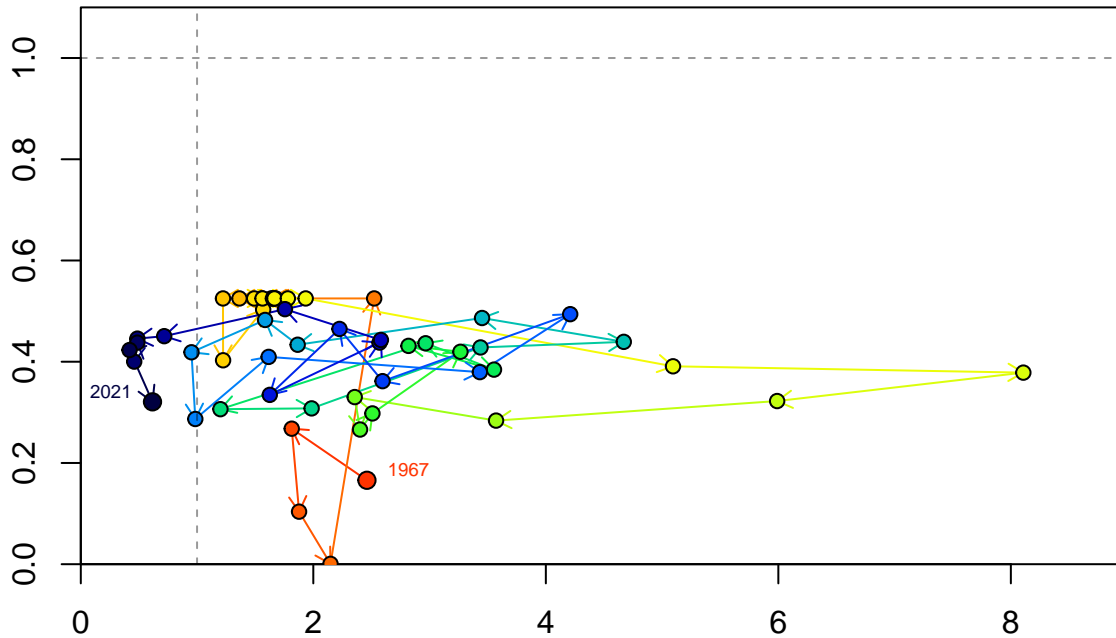




Fishing intensity: 1-SPR

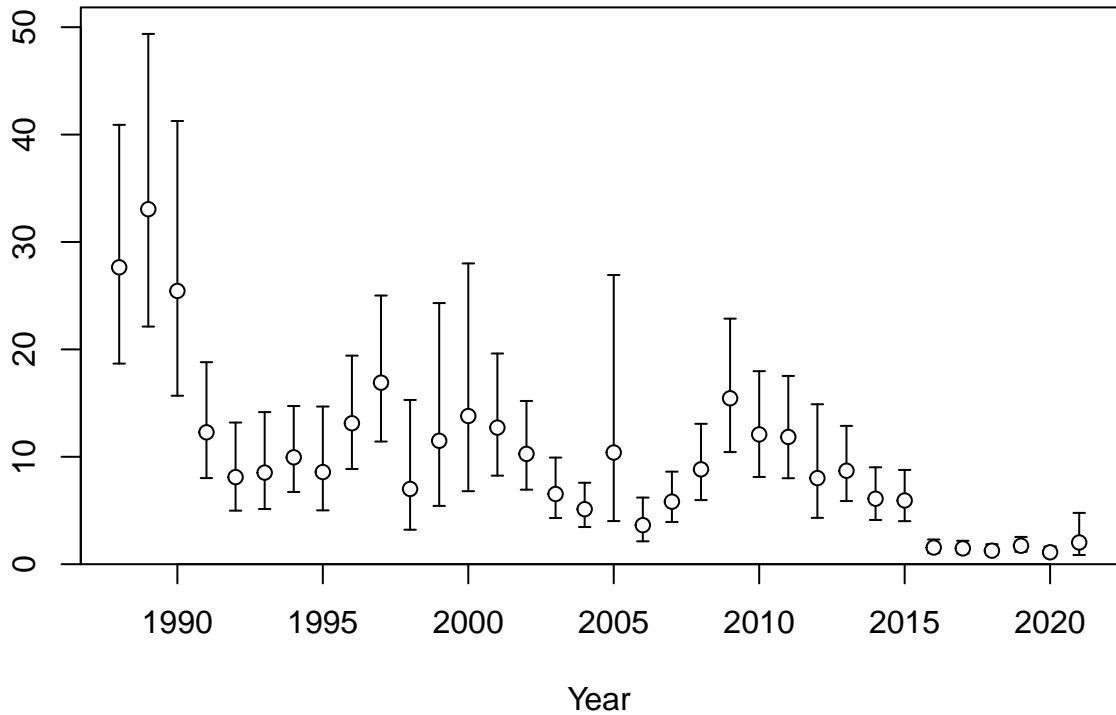


Fishing intensity: 1-SPR

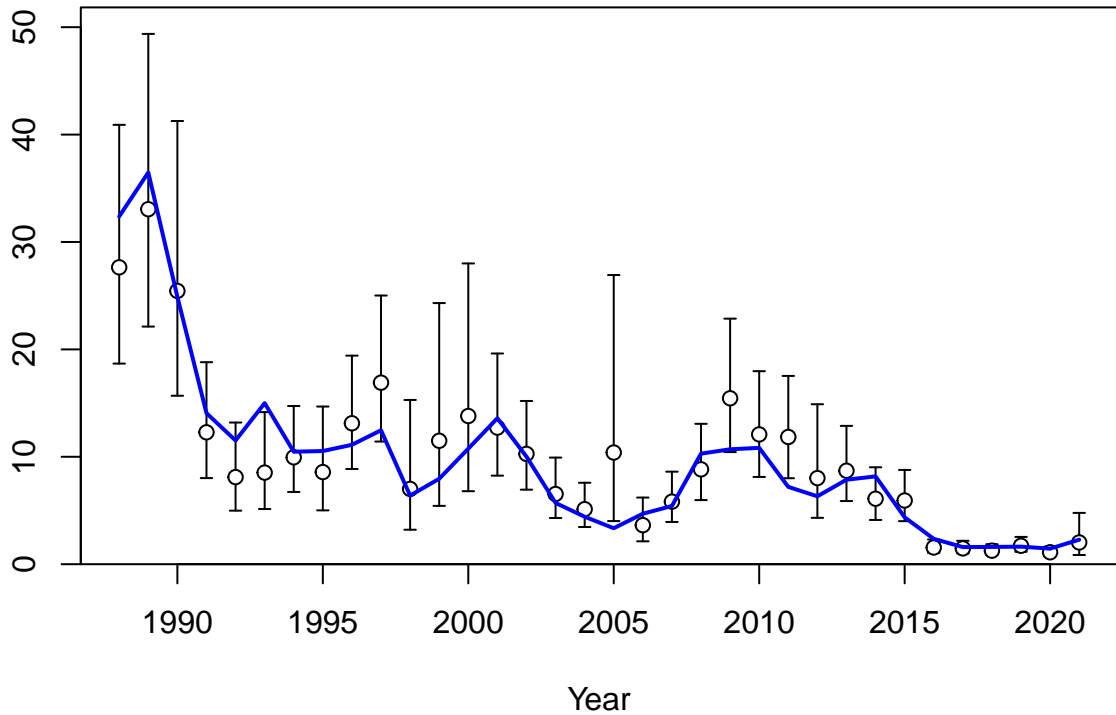


Relative spawning output: B/B<sub>MS</sub>

Index

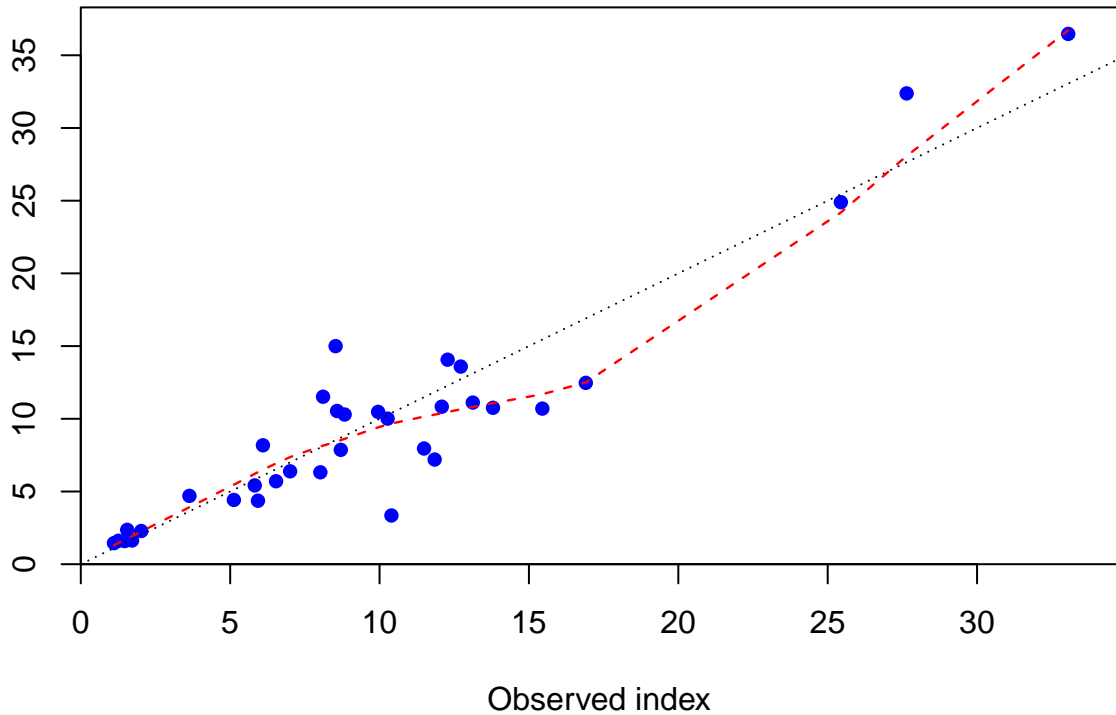


Index

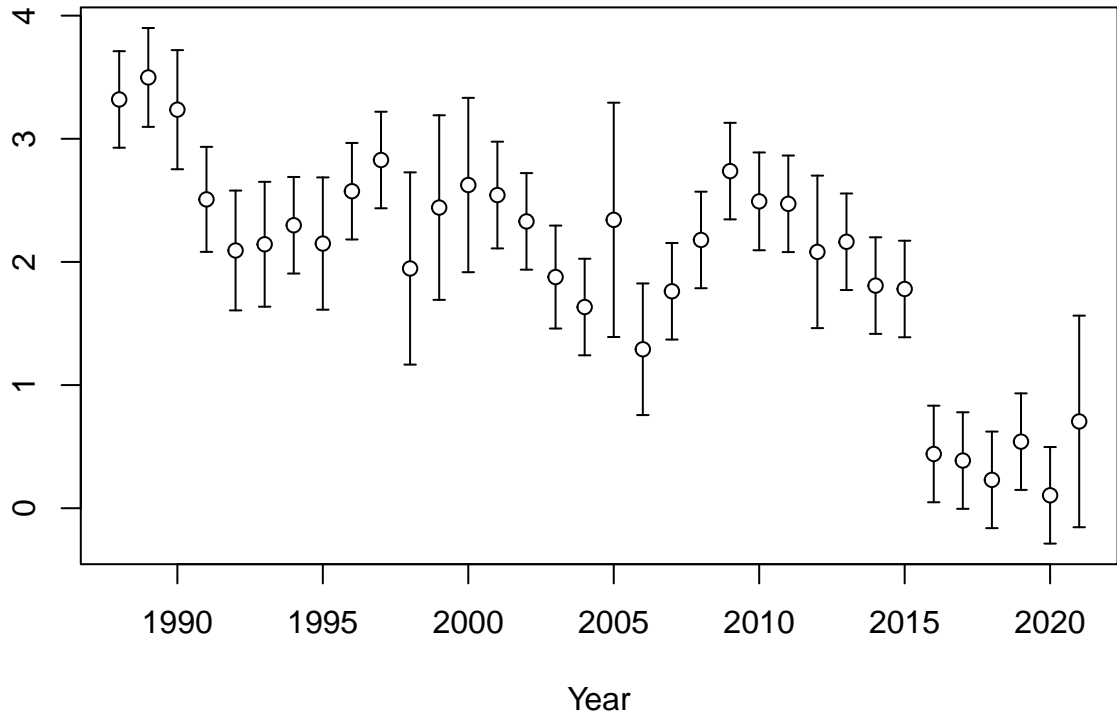




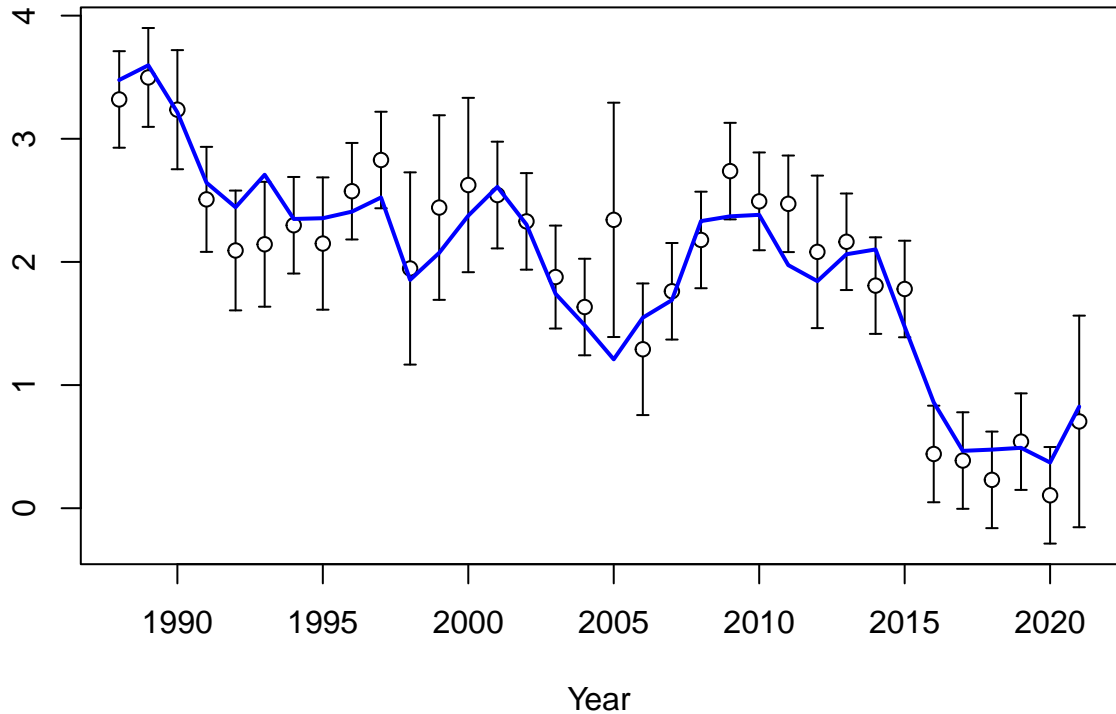
Expected index

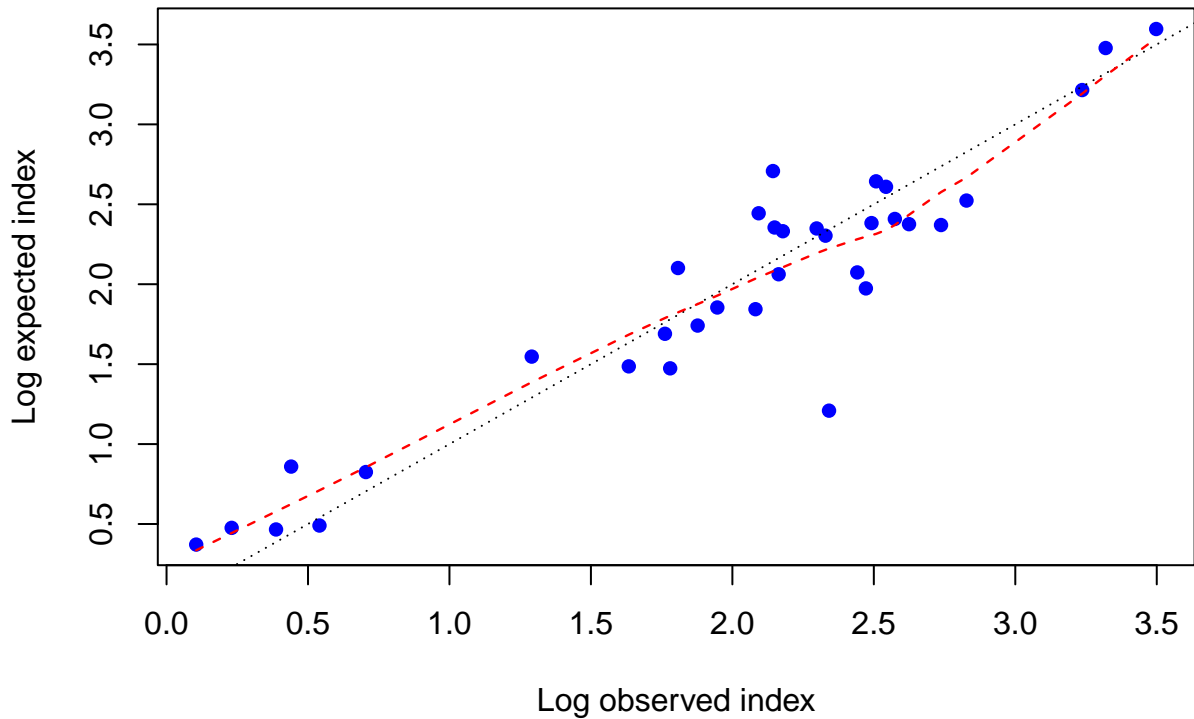


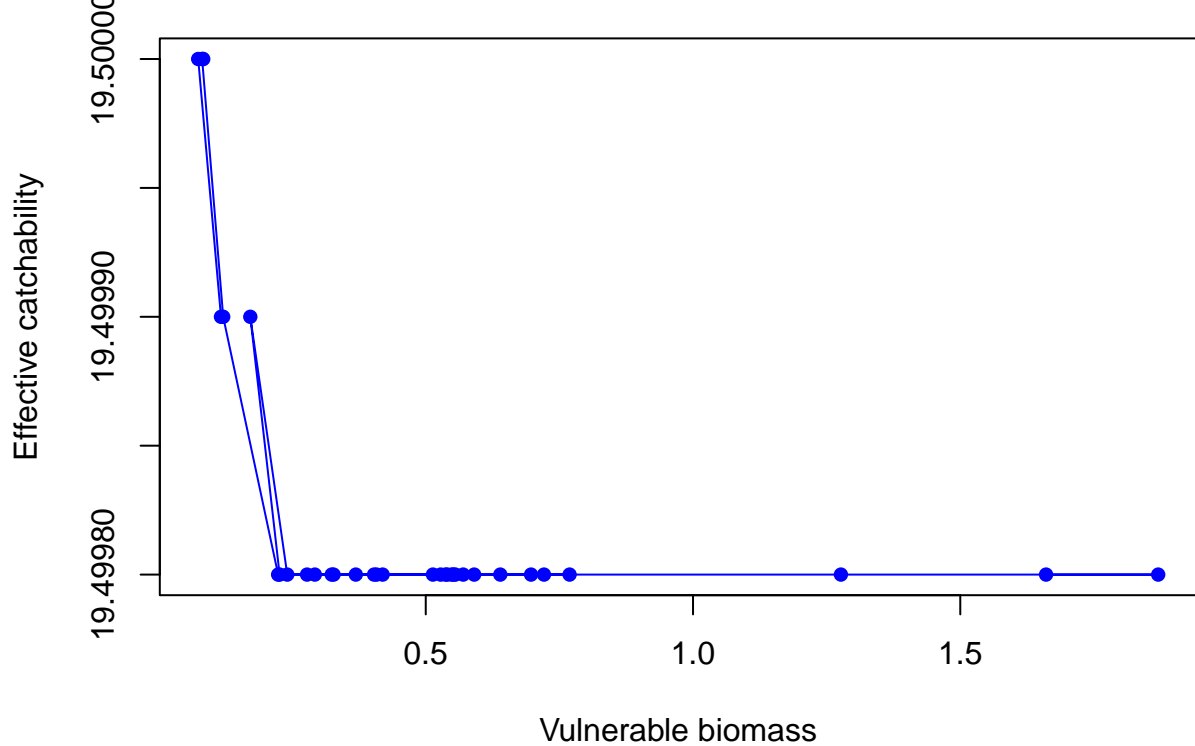
Log index

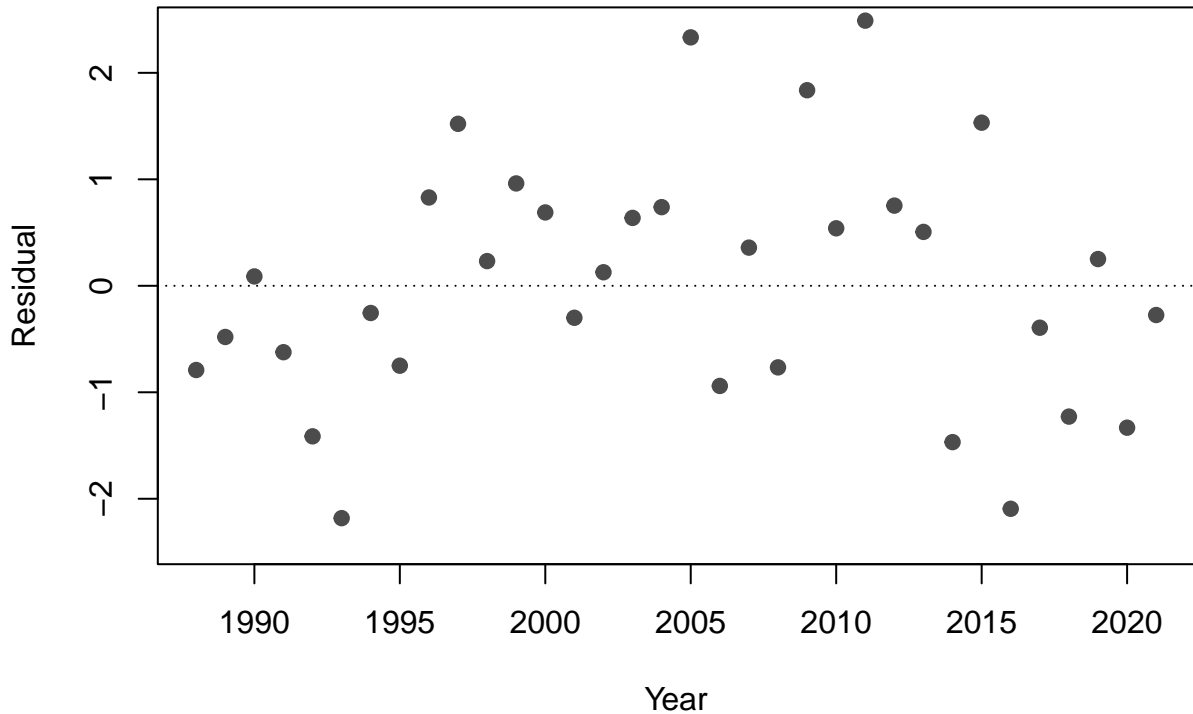


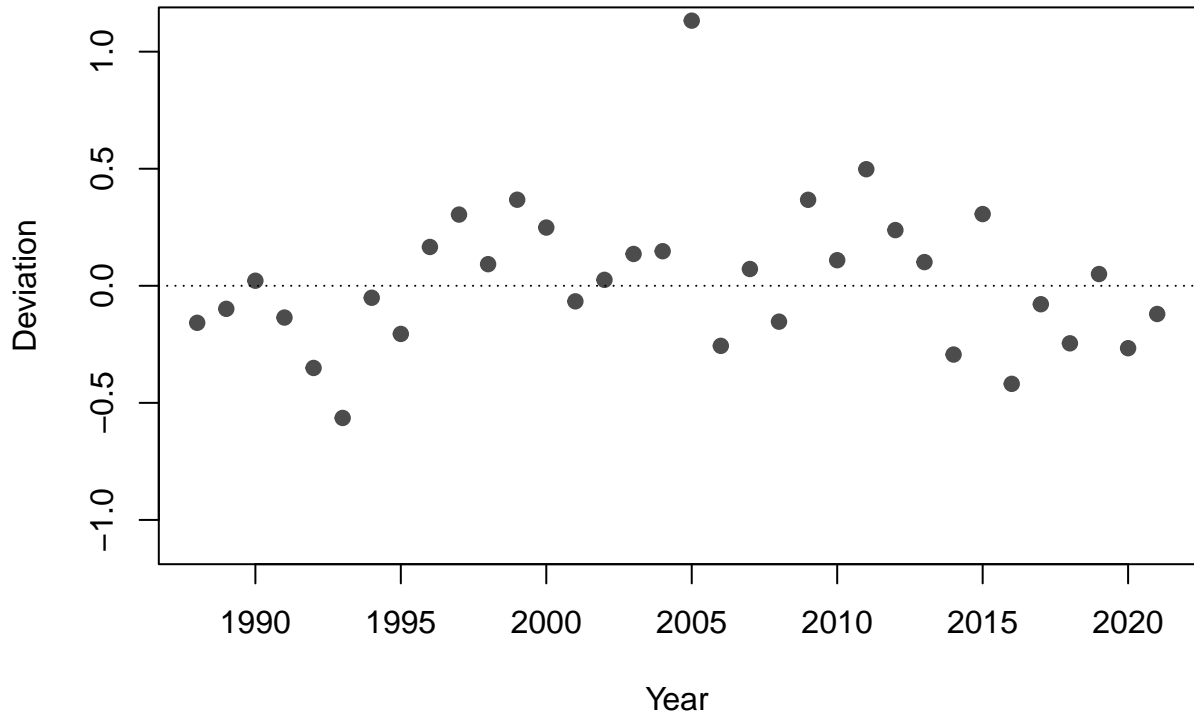
Log index

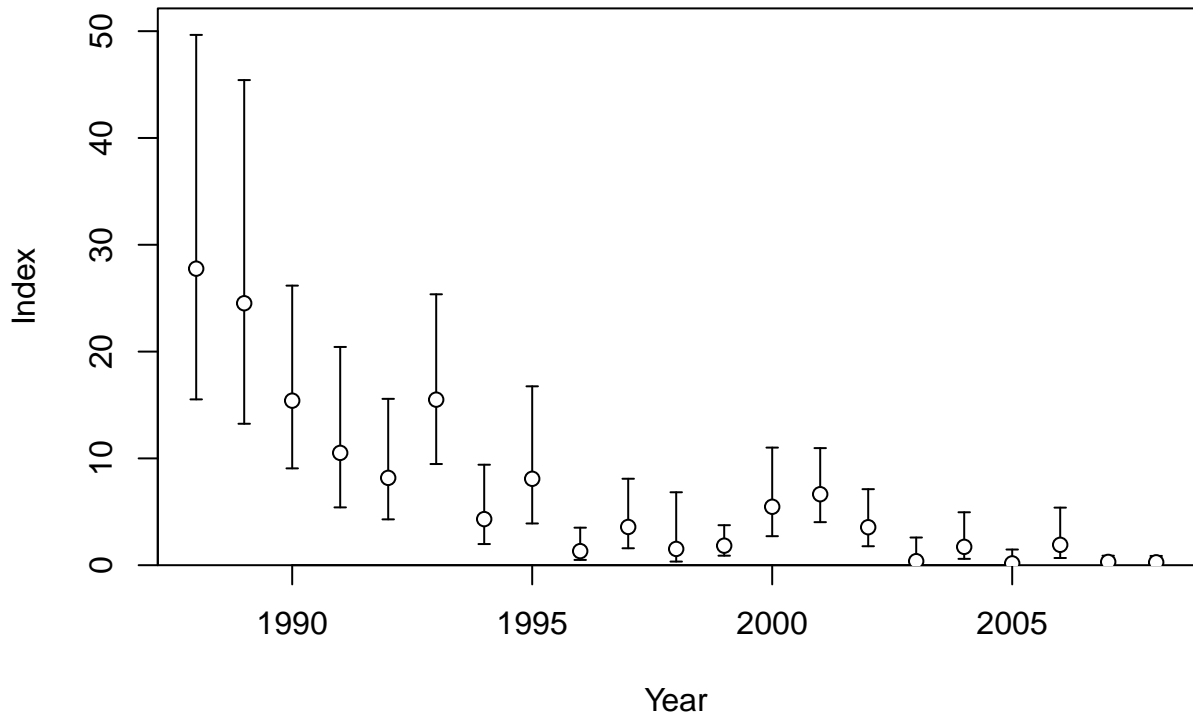




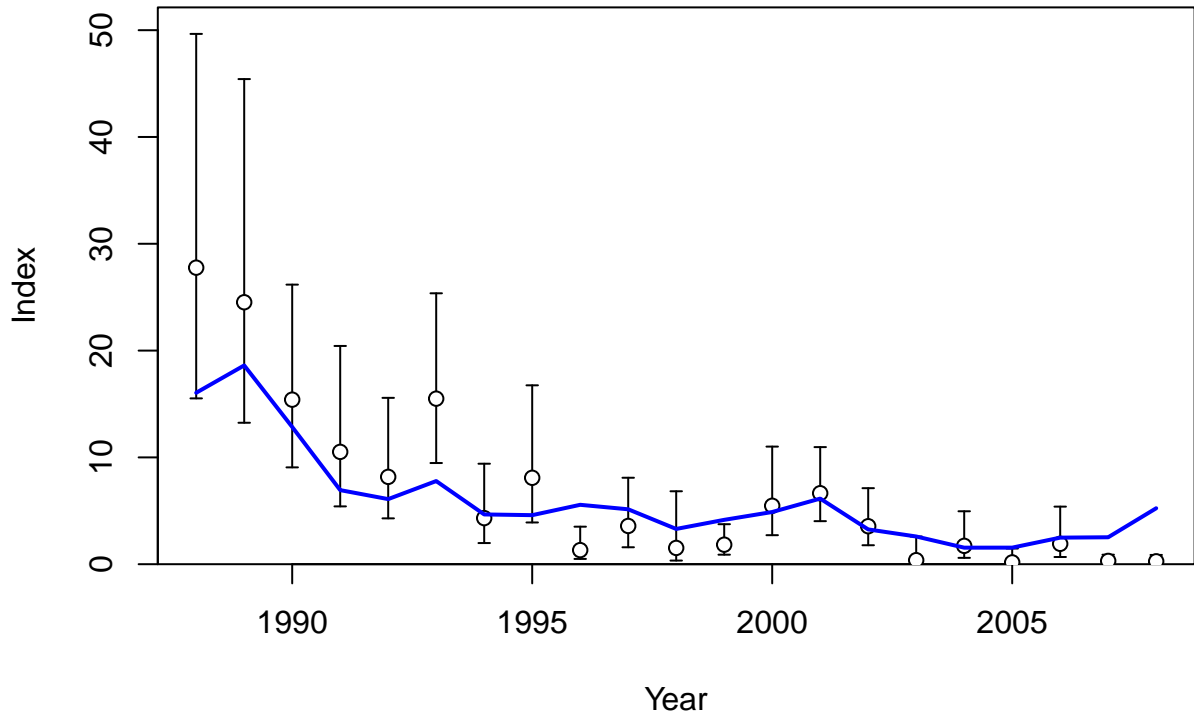


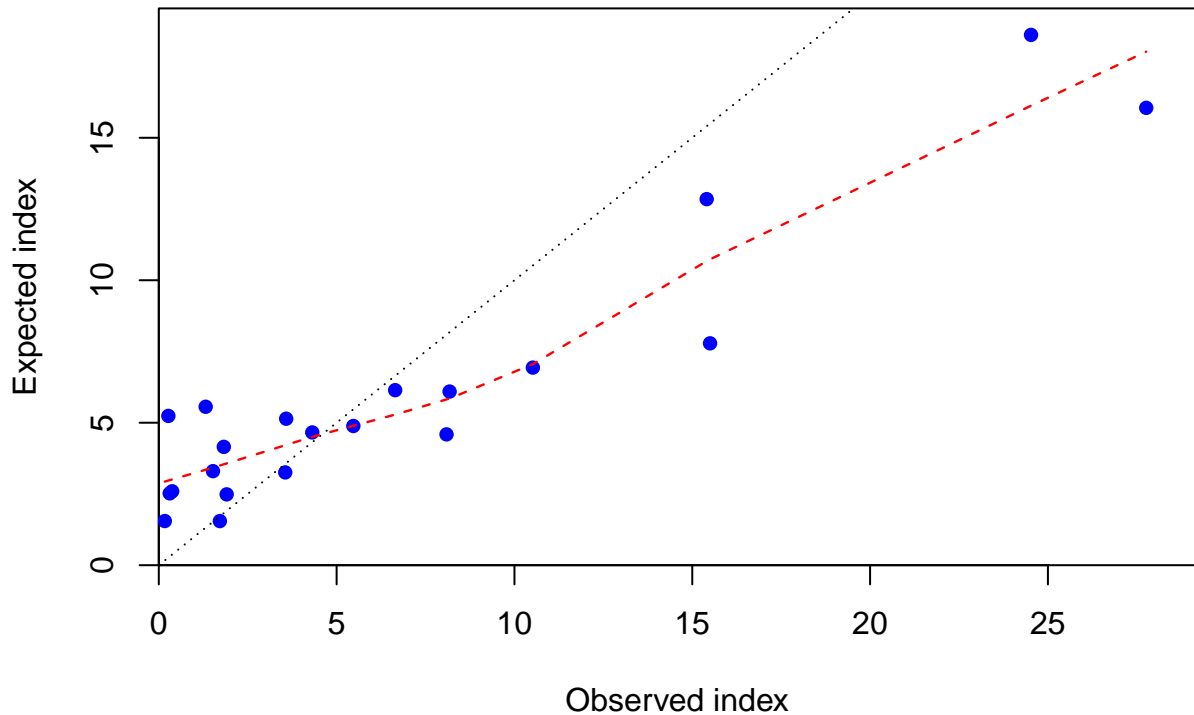


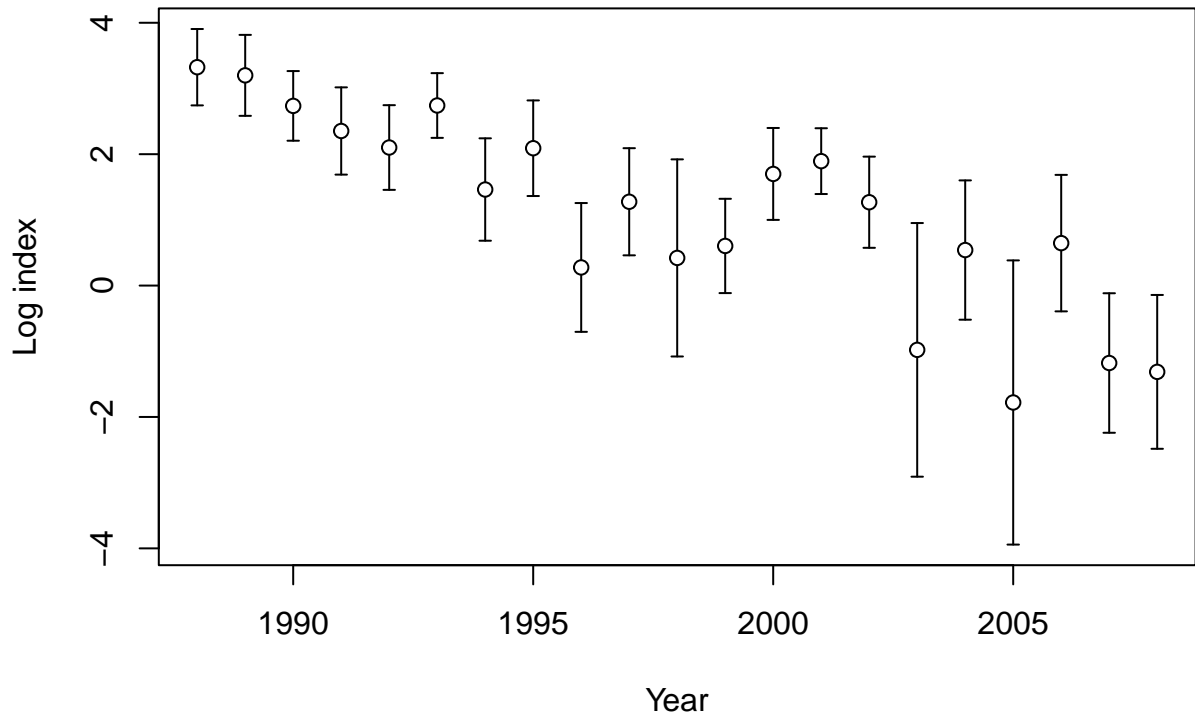


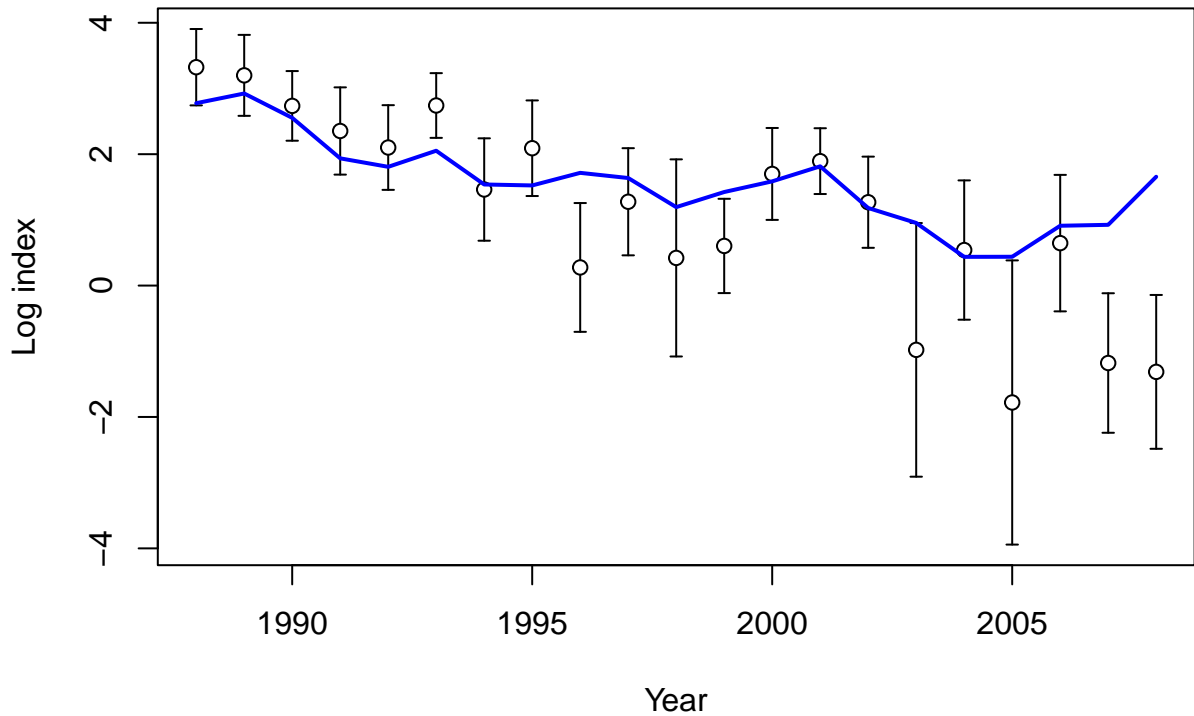


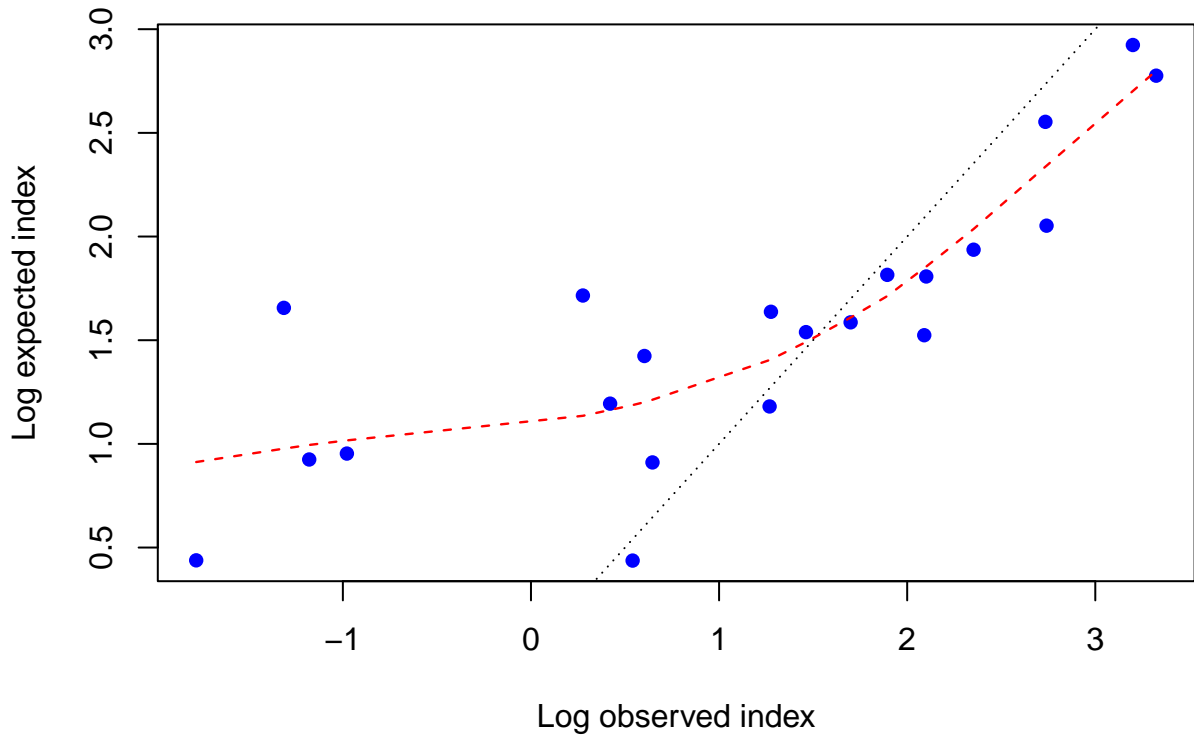


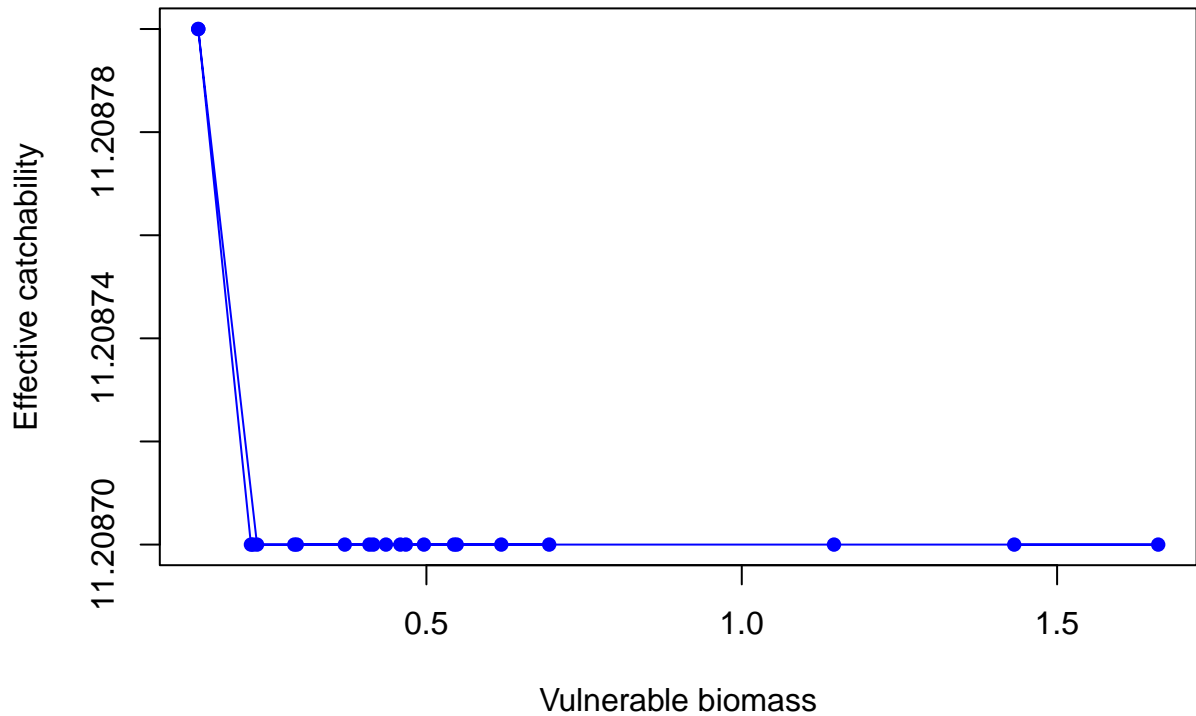


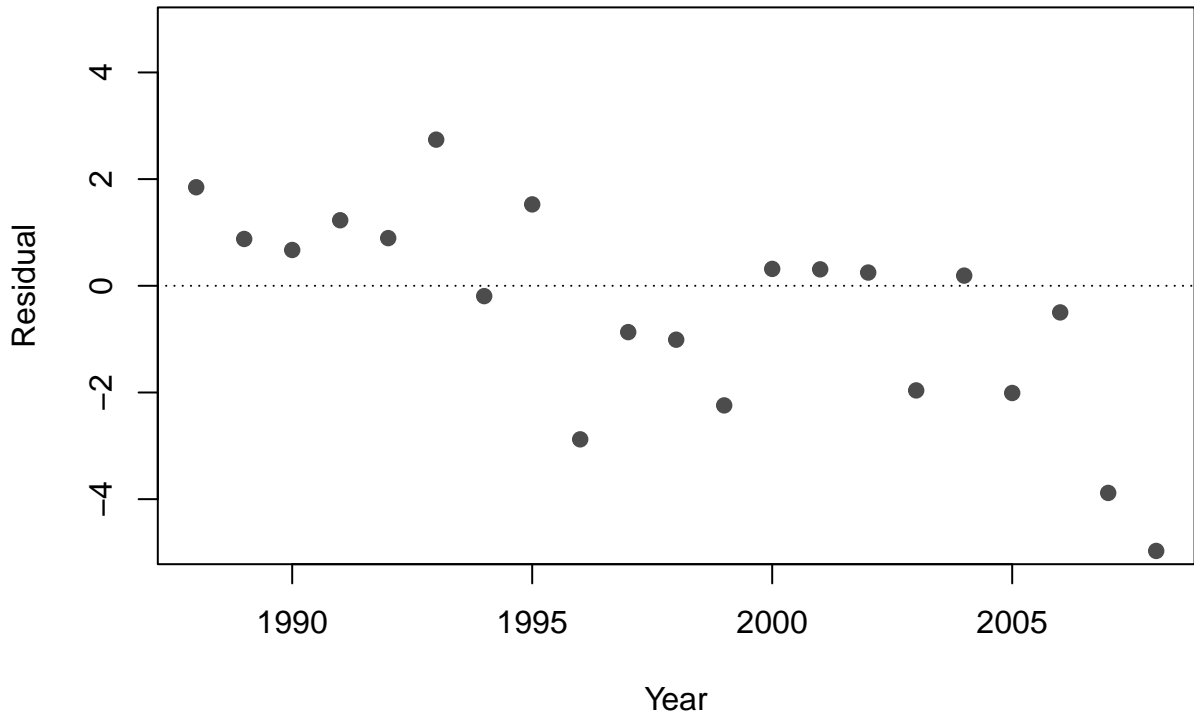




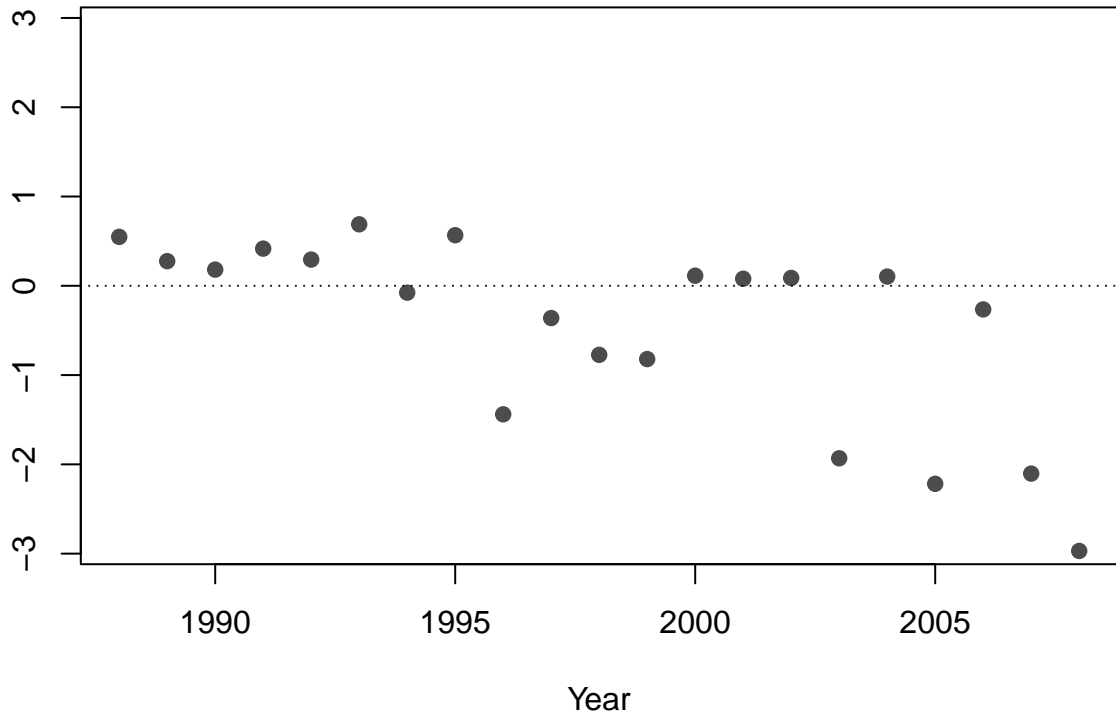




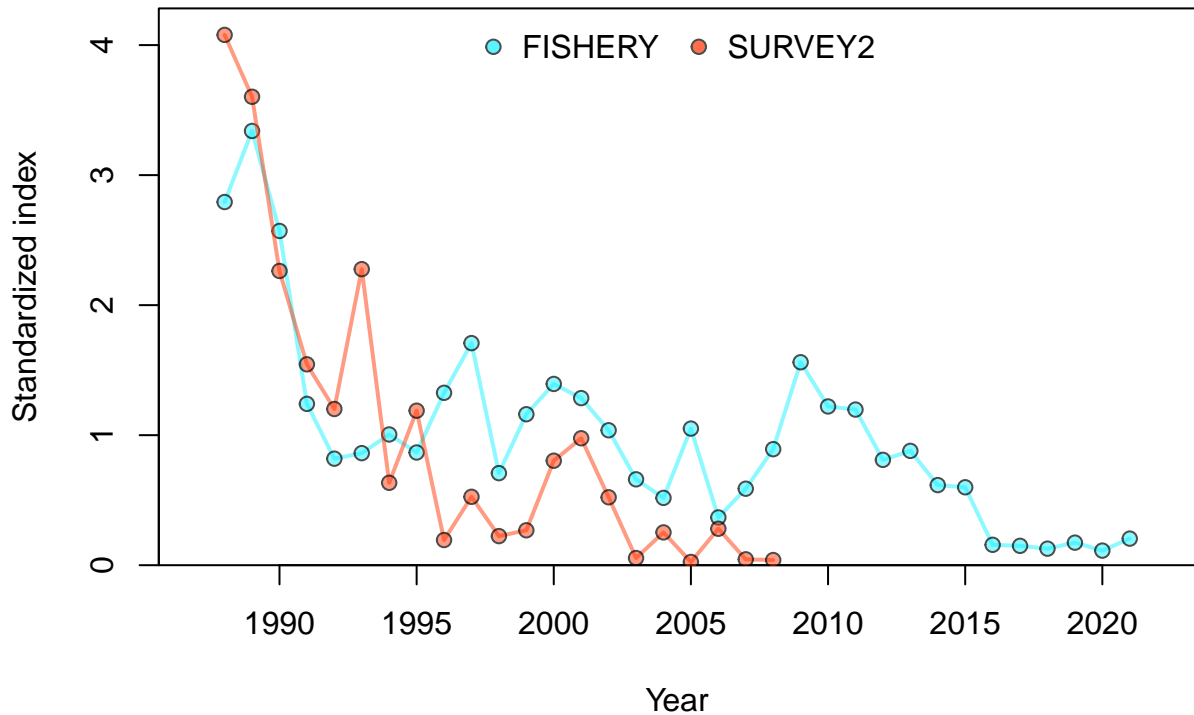




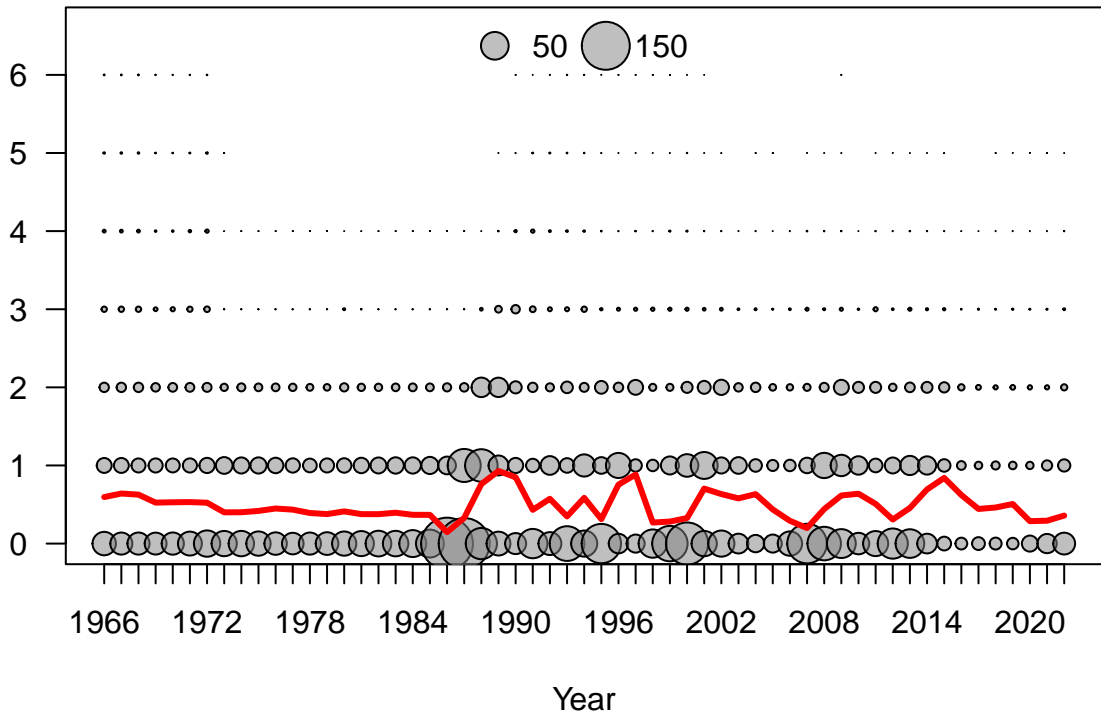
Deviation



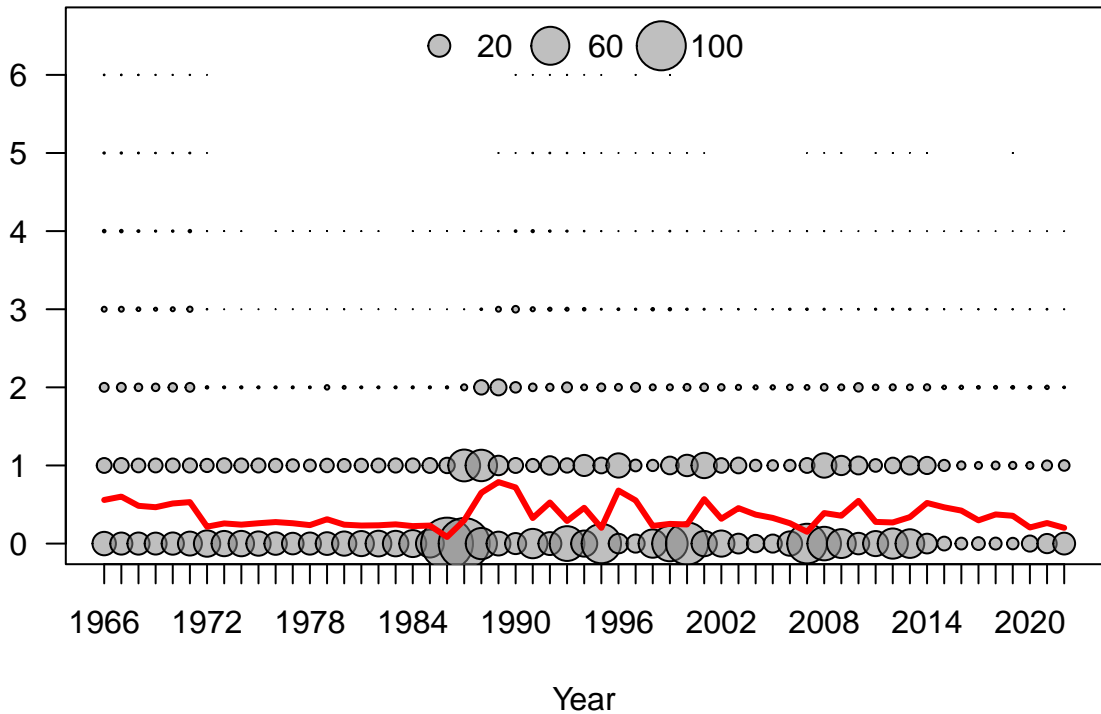


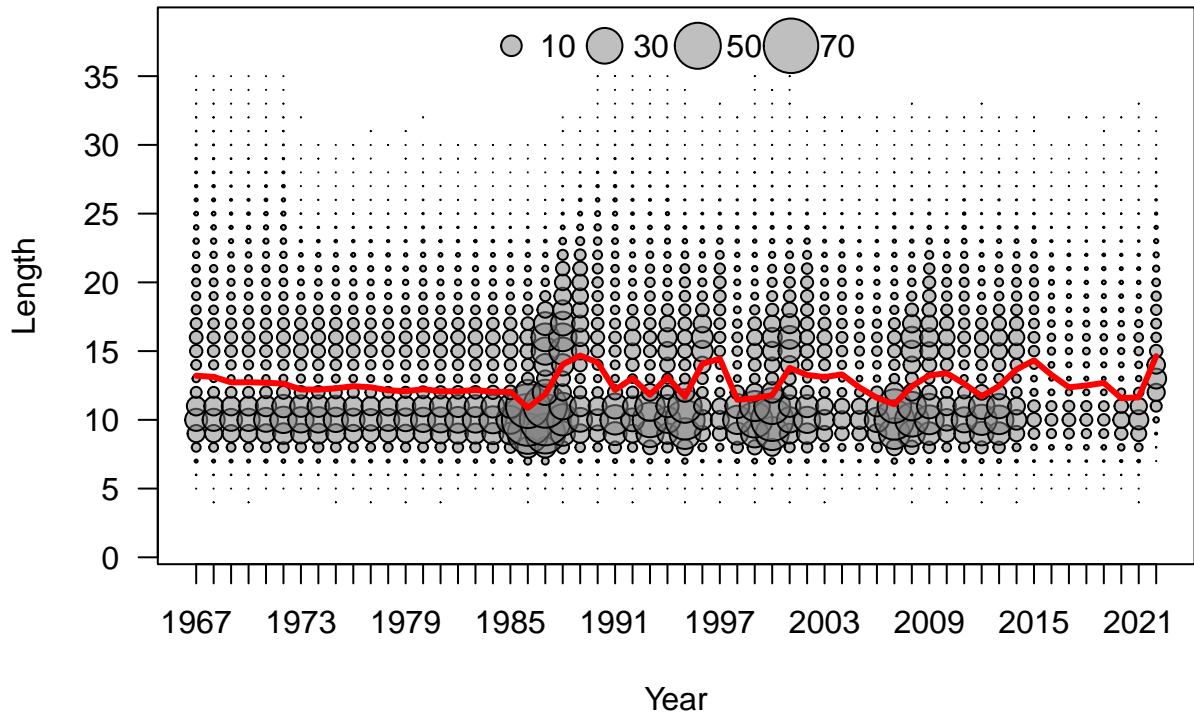


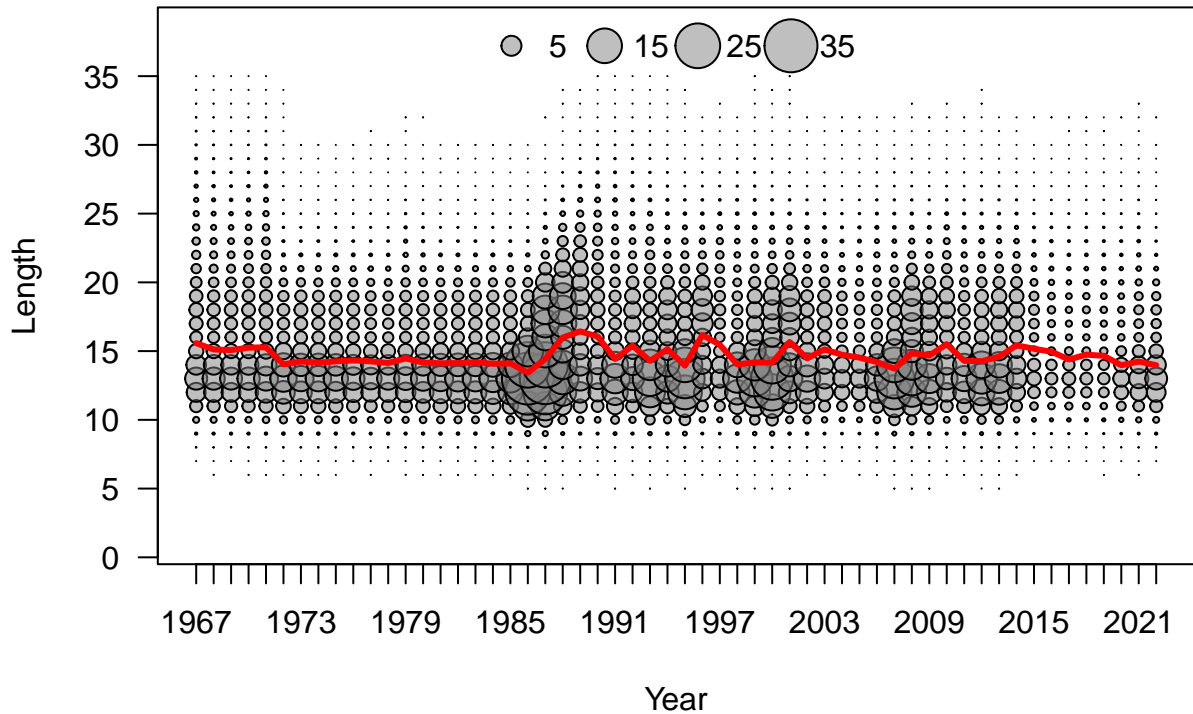
Age

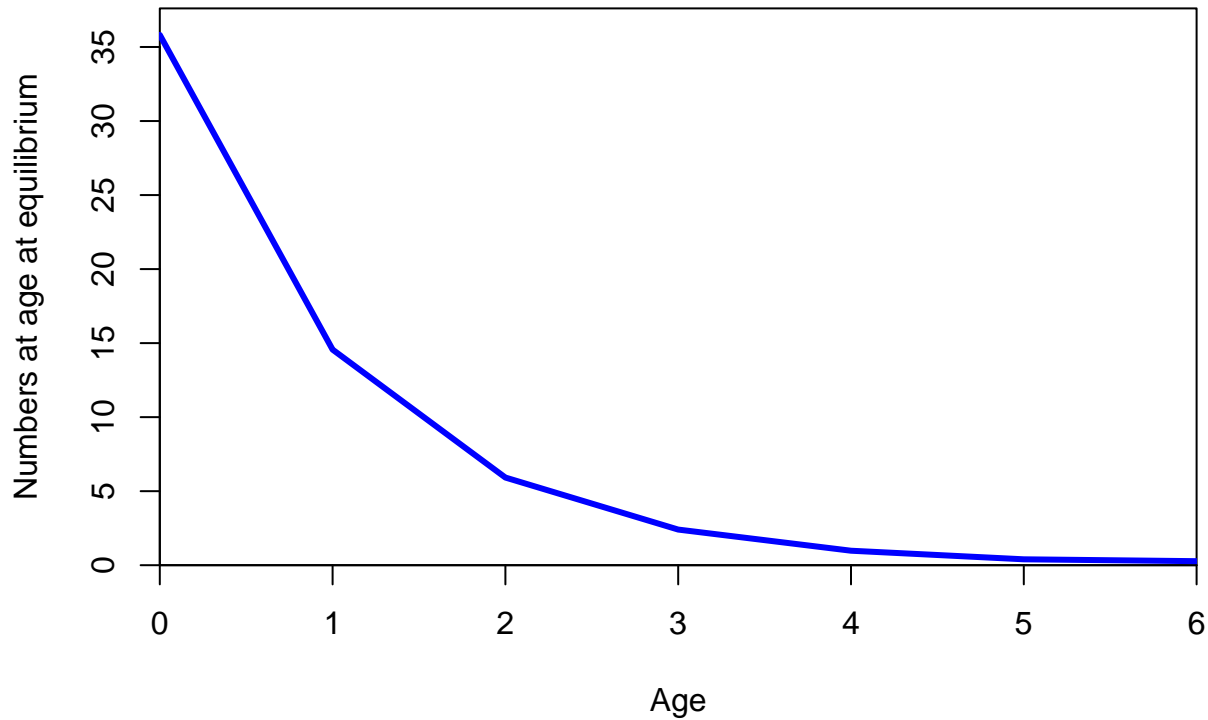


Age



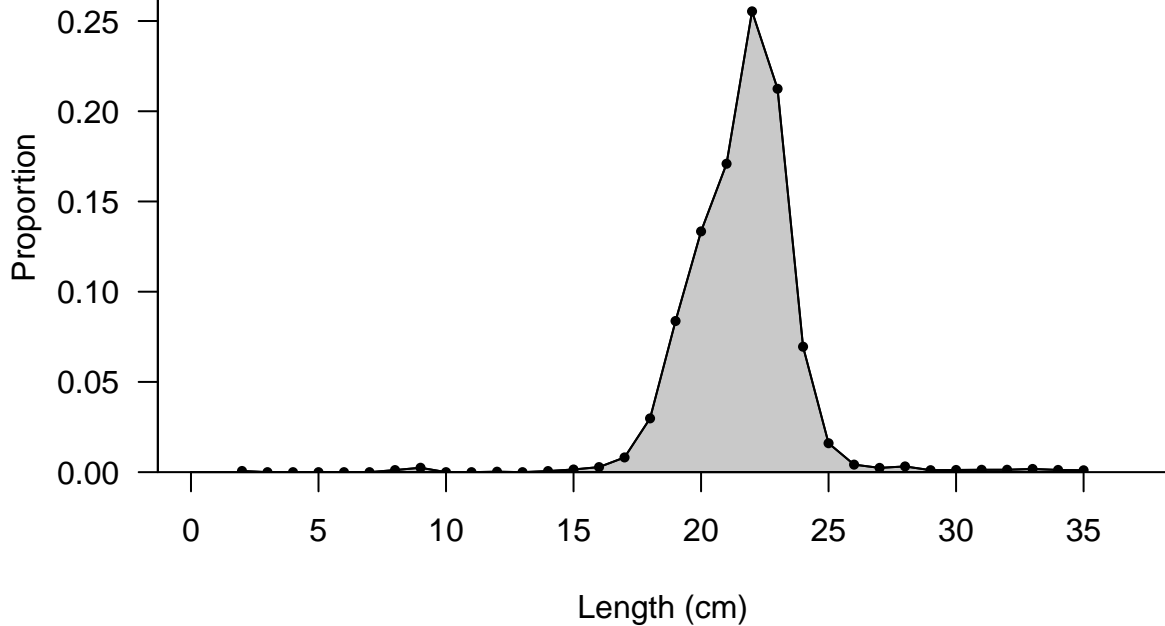


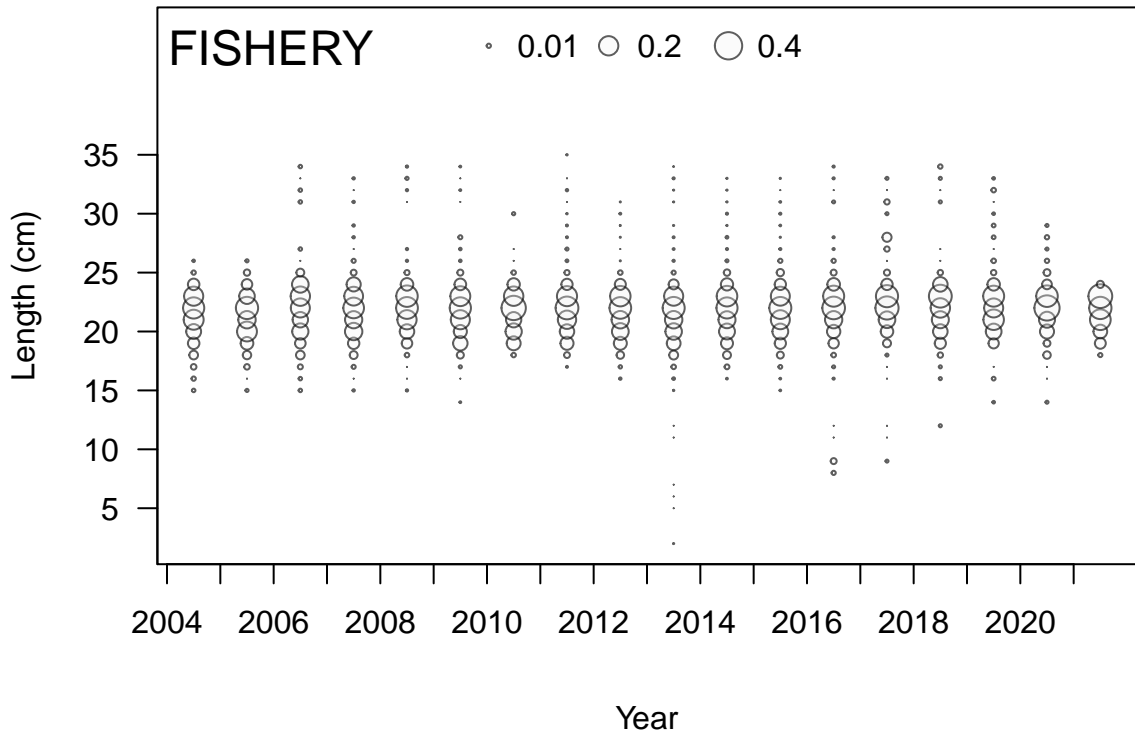




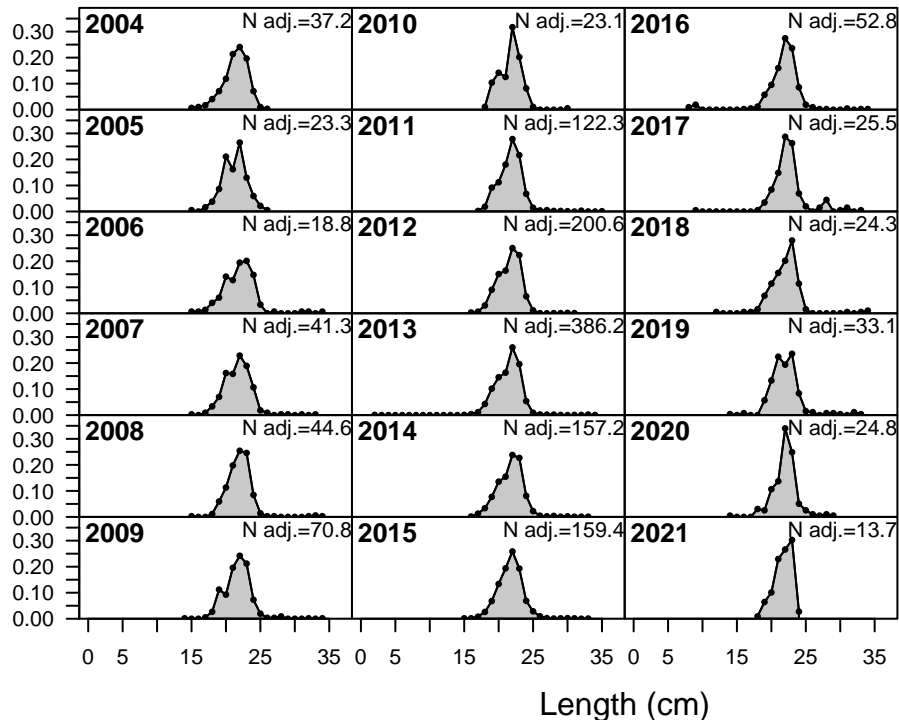
# FISHERY

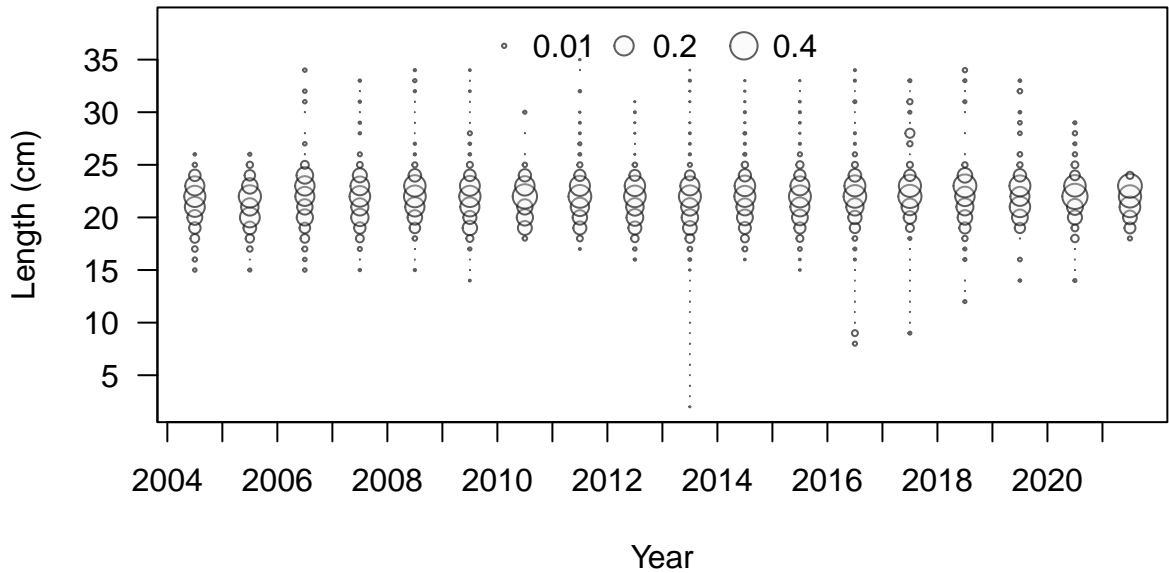
Sum of N adj.=1459.1



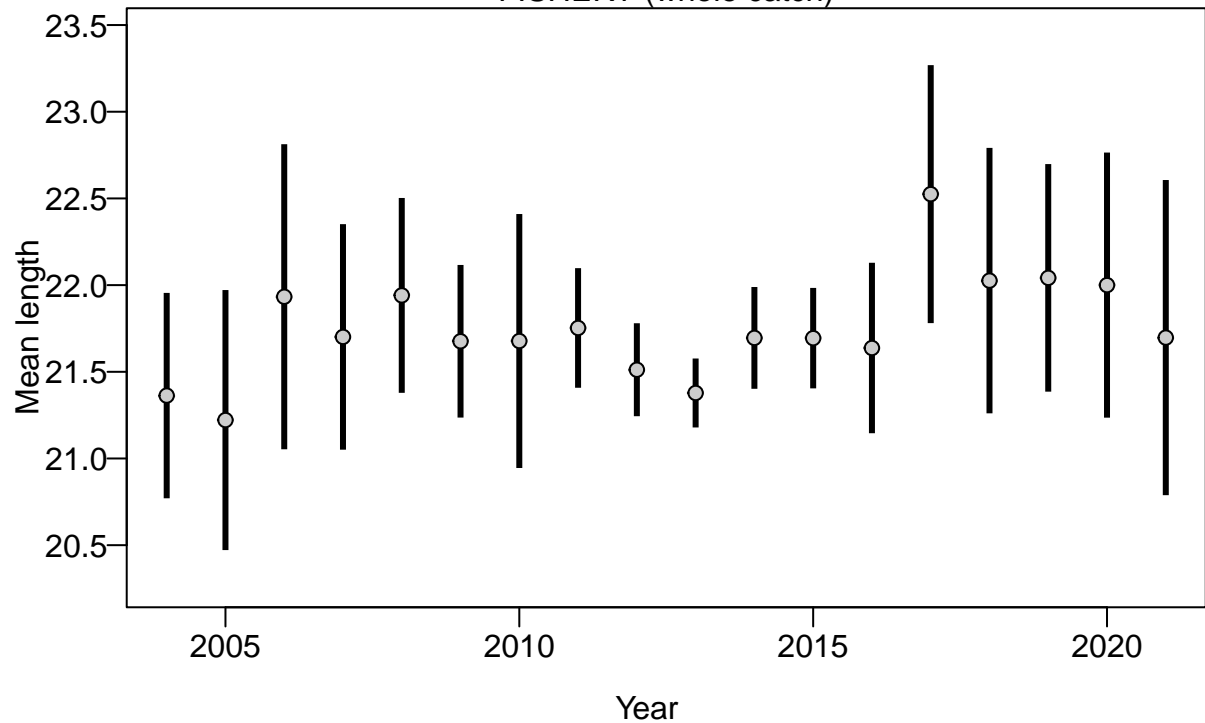


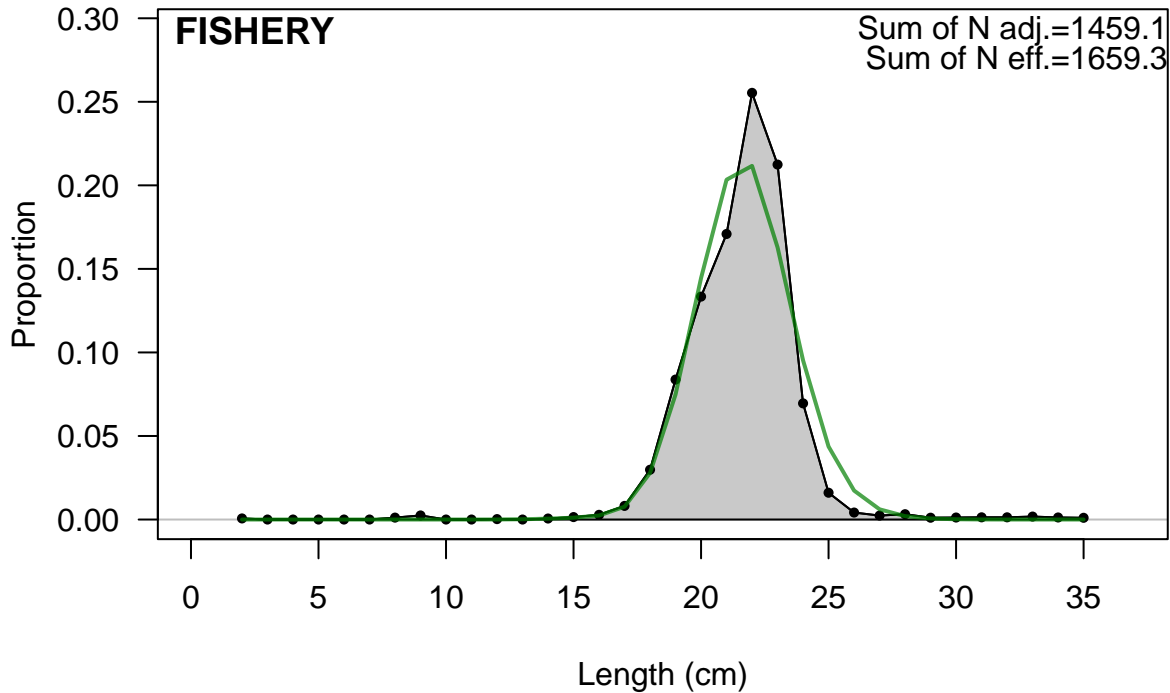


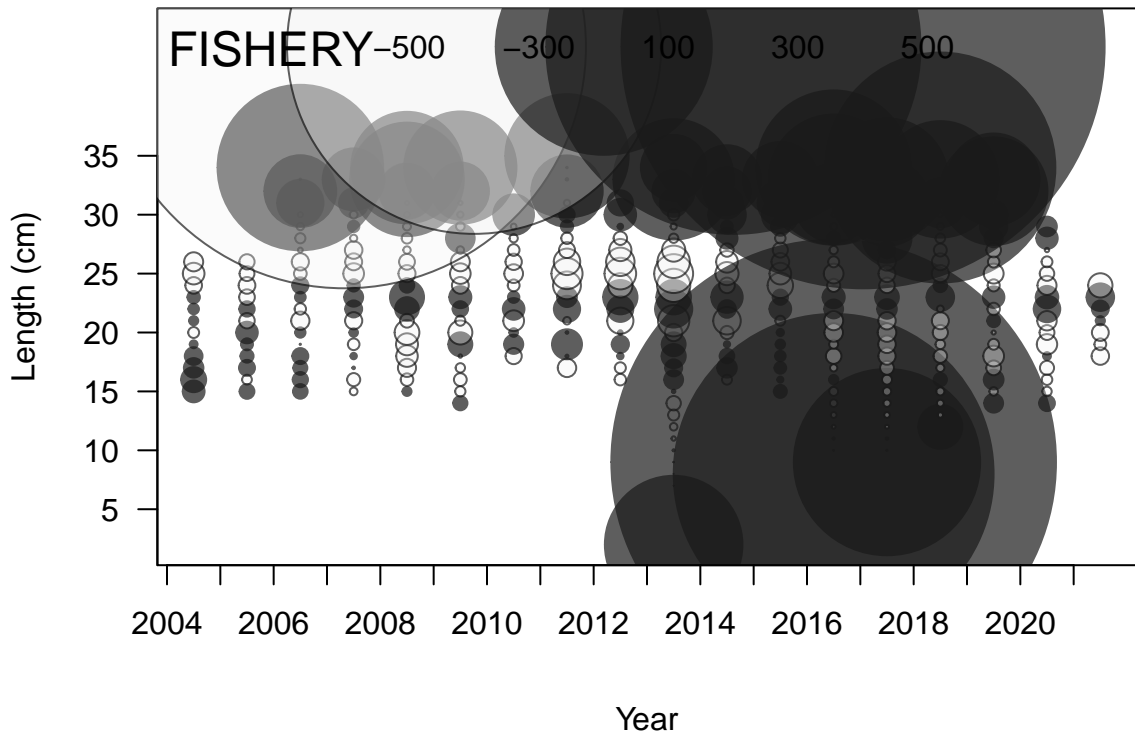


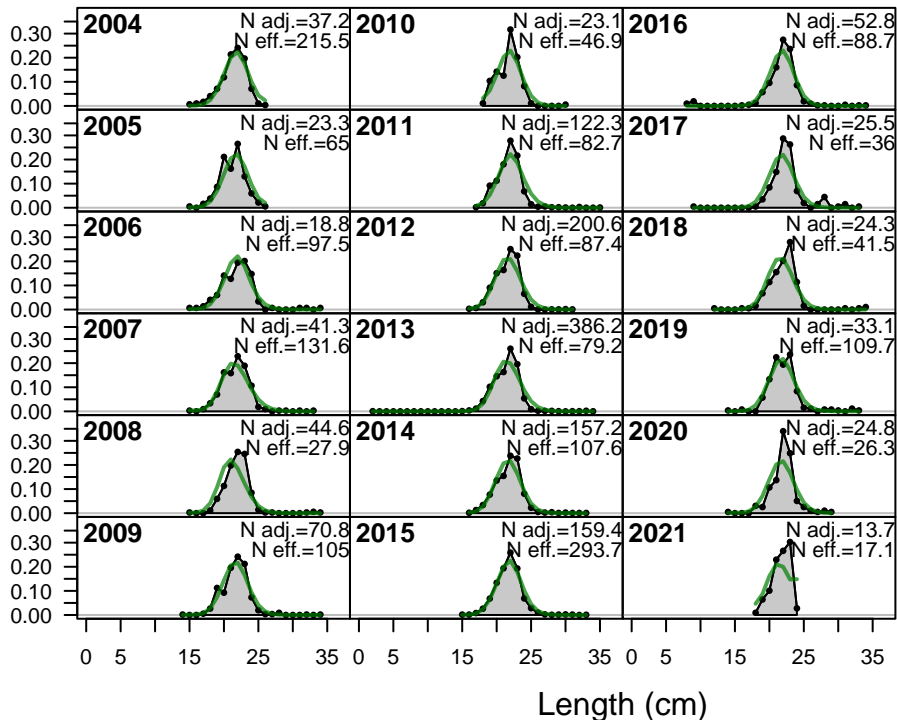


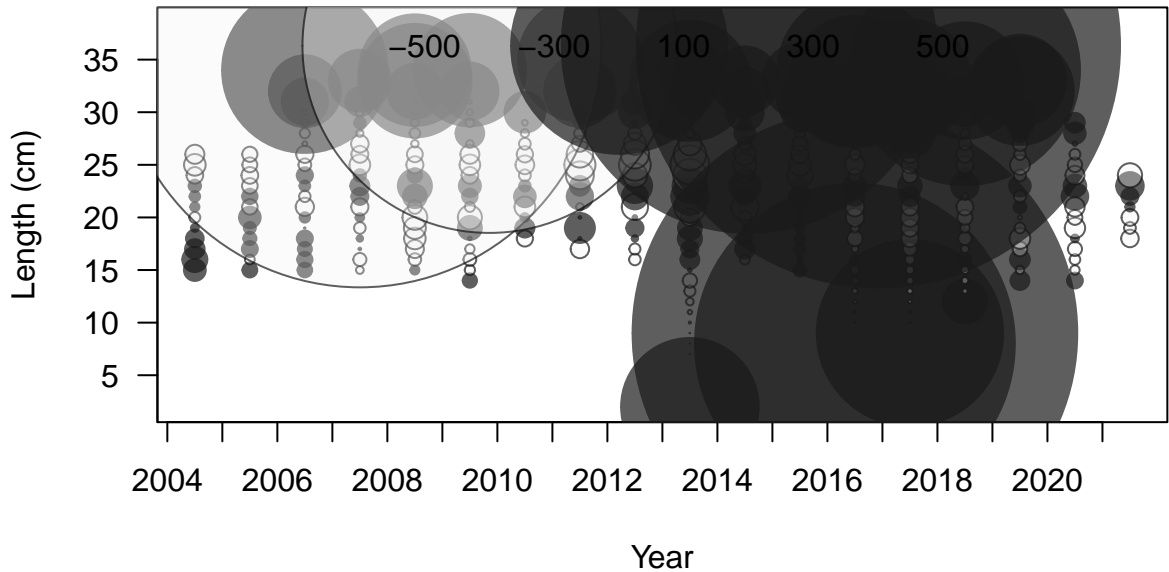
FISHERY (whole catch)



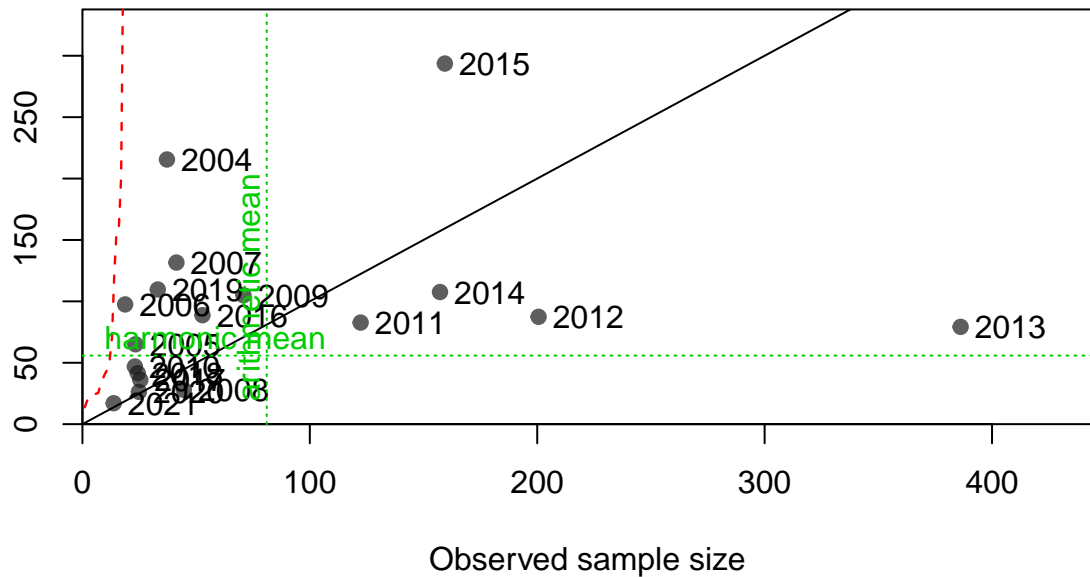






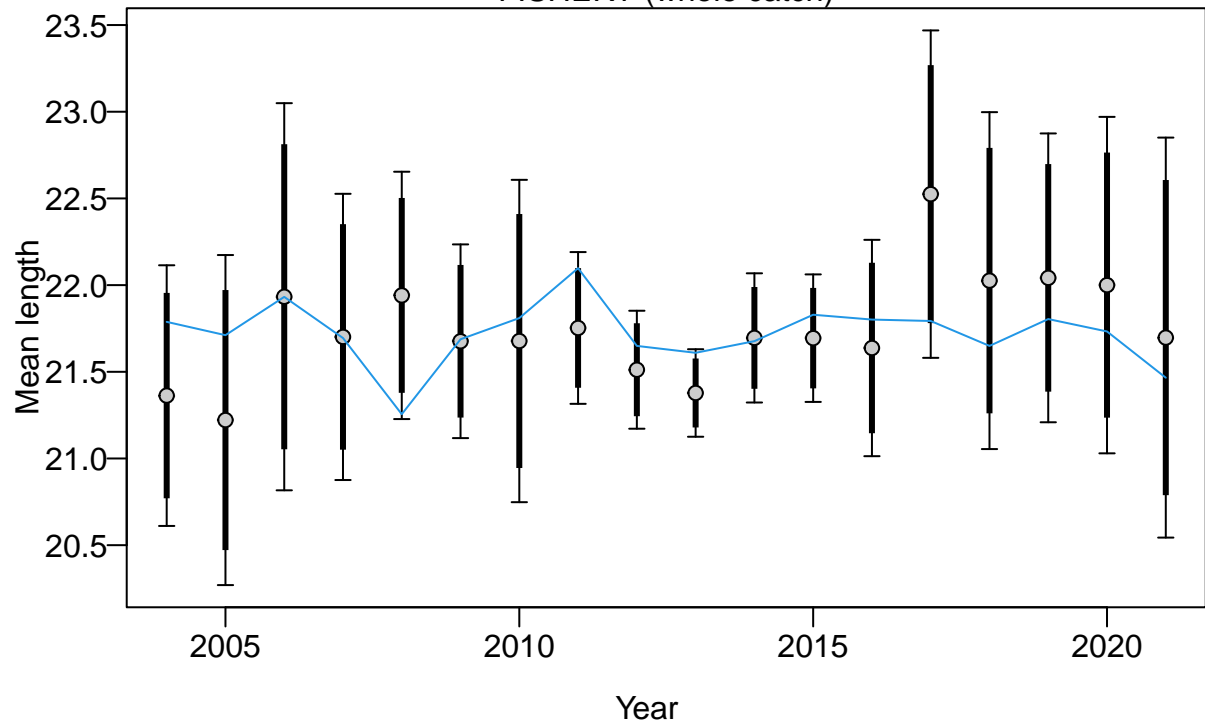


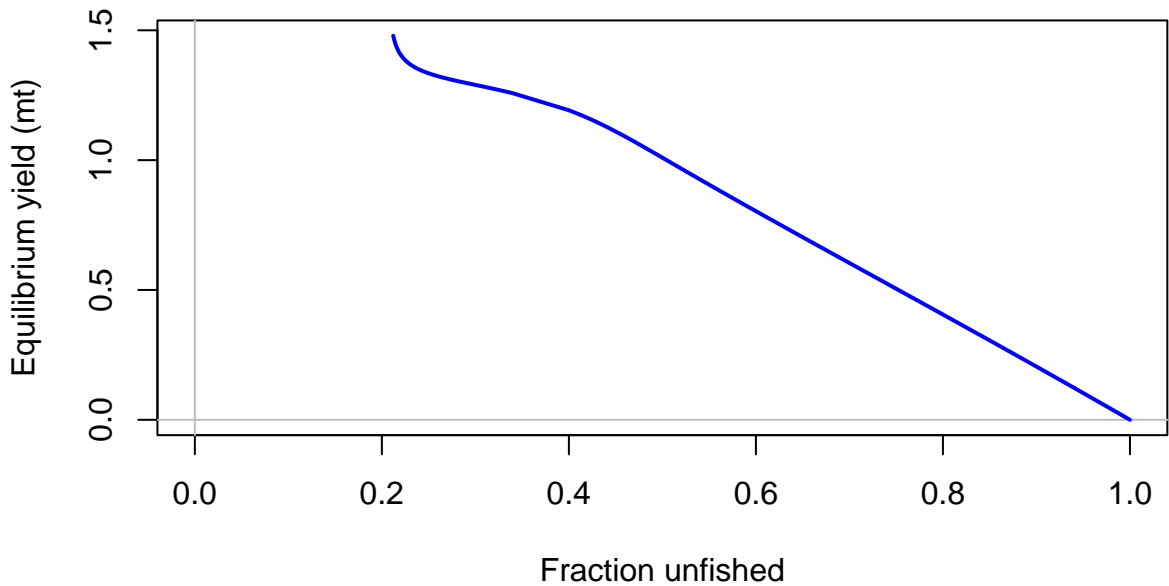
Effective sample size

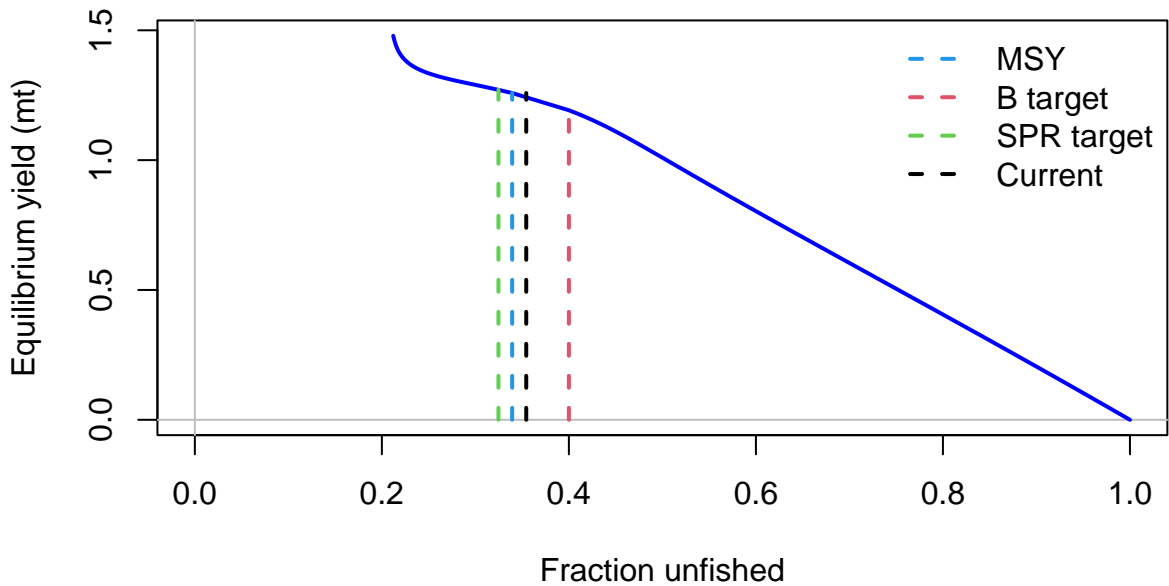




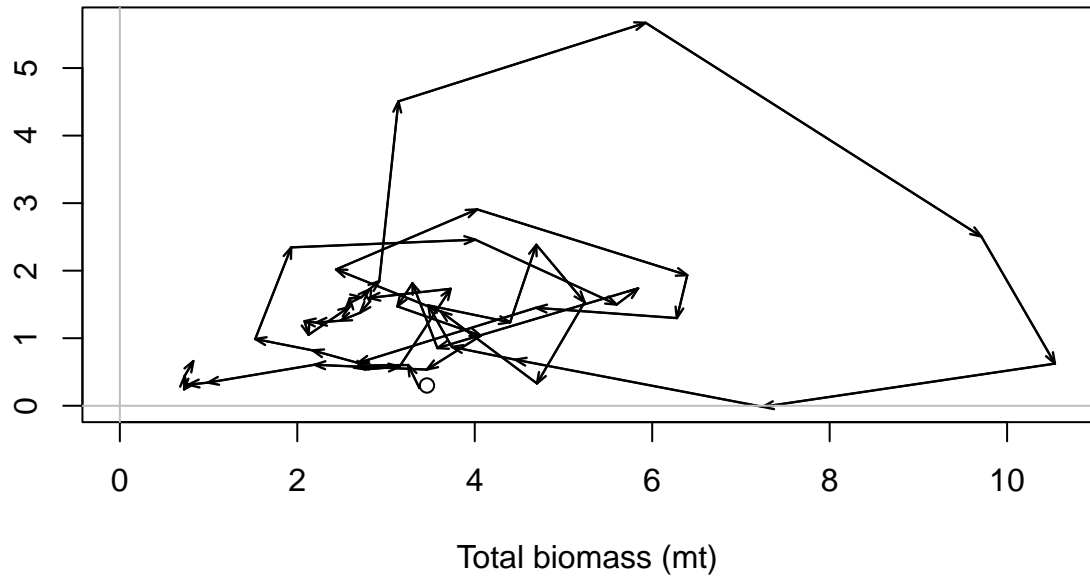
FISHERY (whole catch)

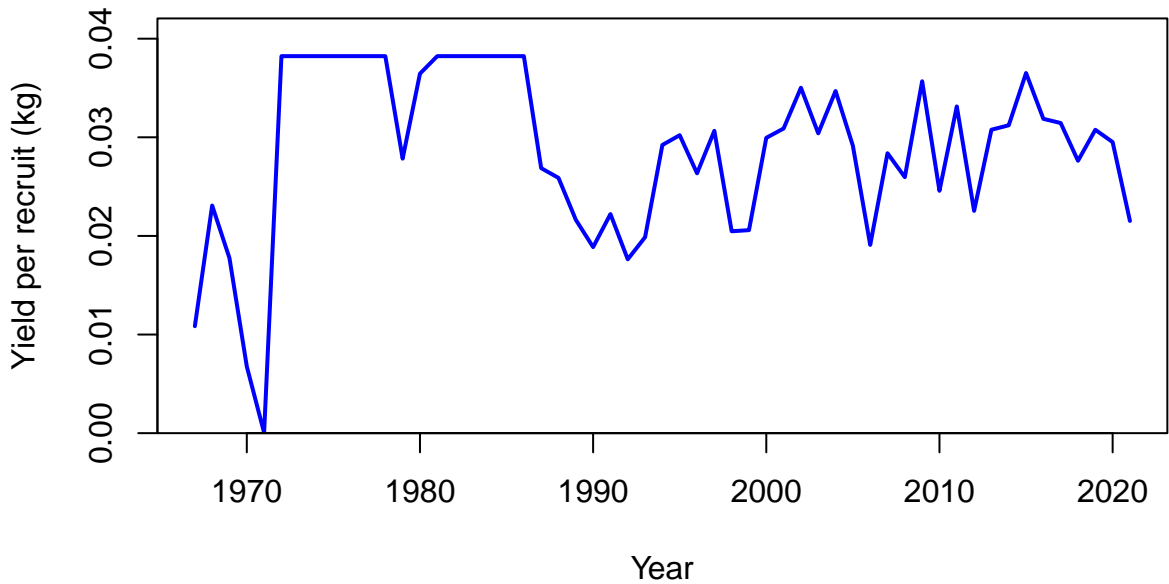


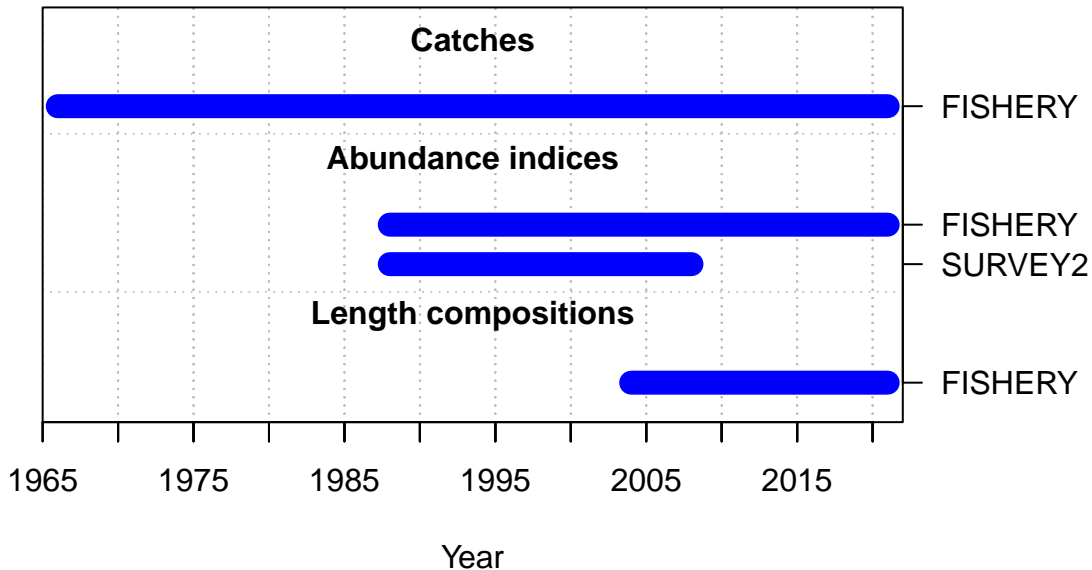


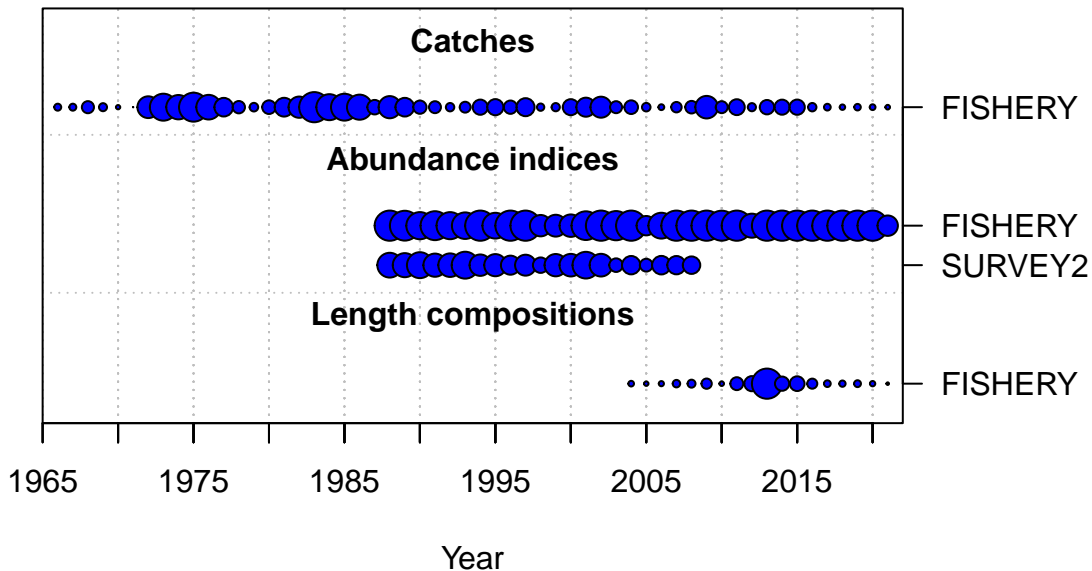


Surplus production (mt)





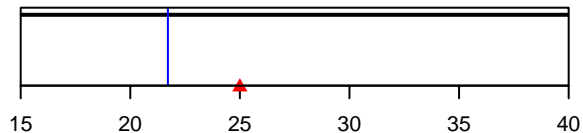




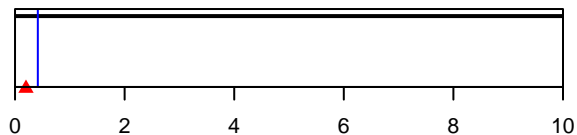
SR\_LN(R0)



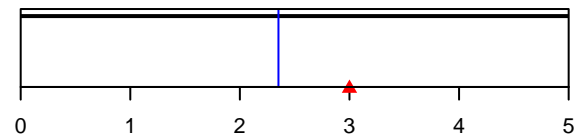
Size\_inflection\_FISHERY(1)



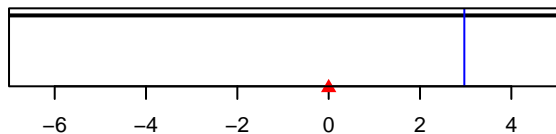
InitF\_seas\_1\_flt\_1FISHERY



Size\_95%width\_FISHERY(1)



LnQ\_base\_FISHERY(1)



LnQ\_base\_SURVEY2(2)

