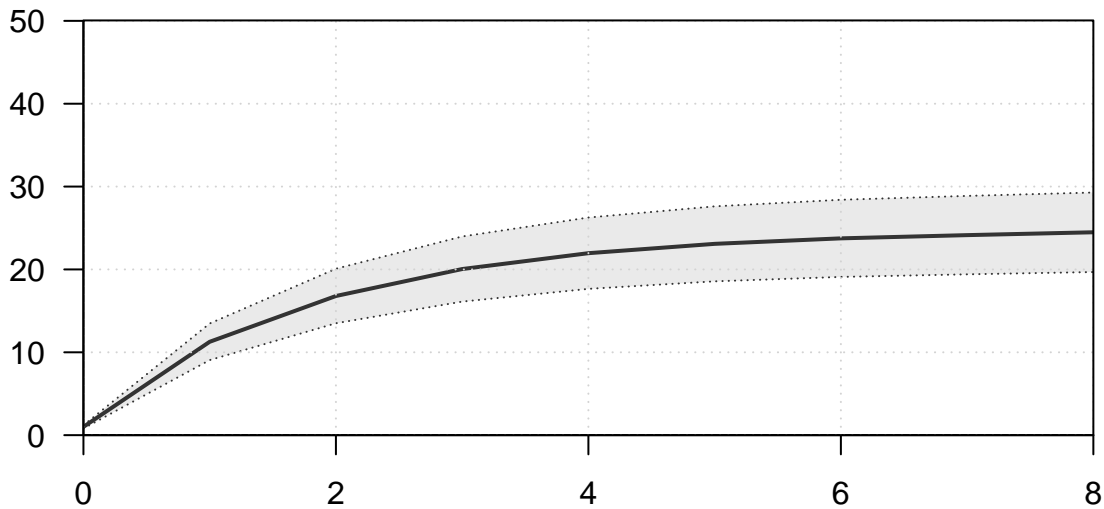
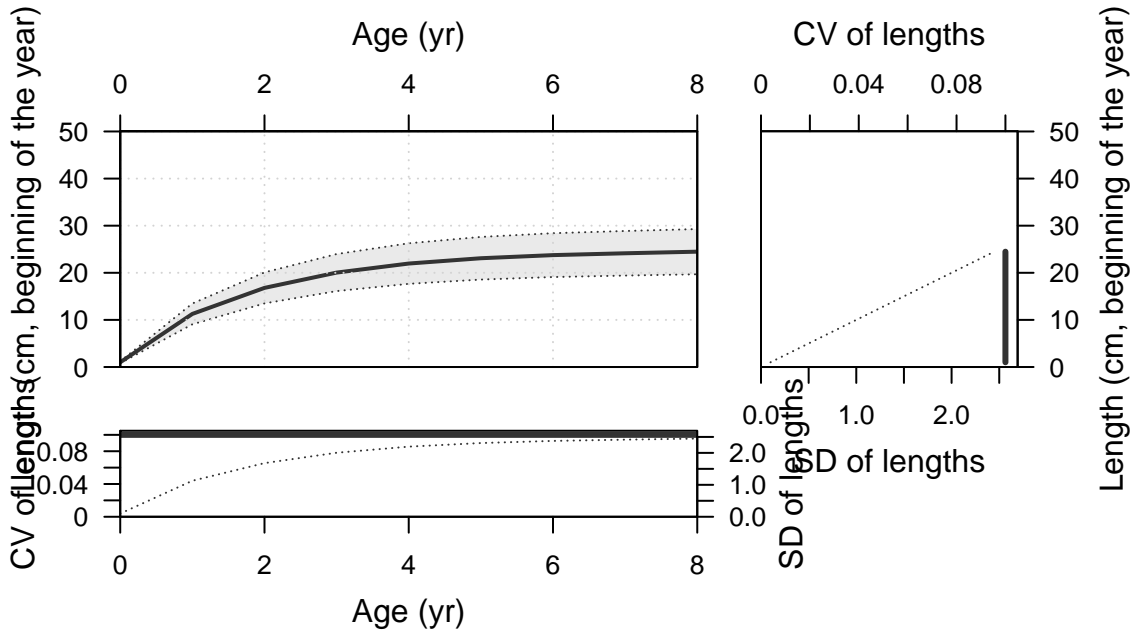


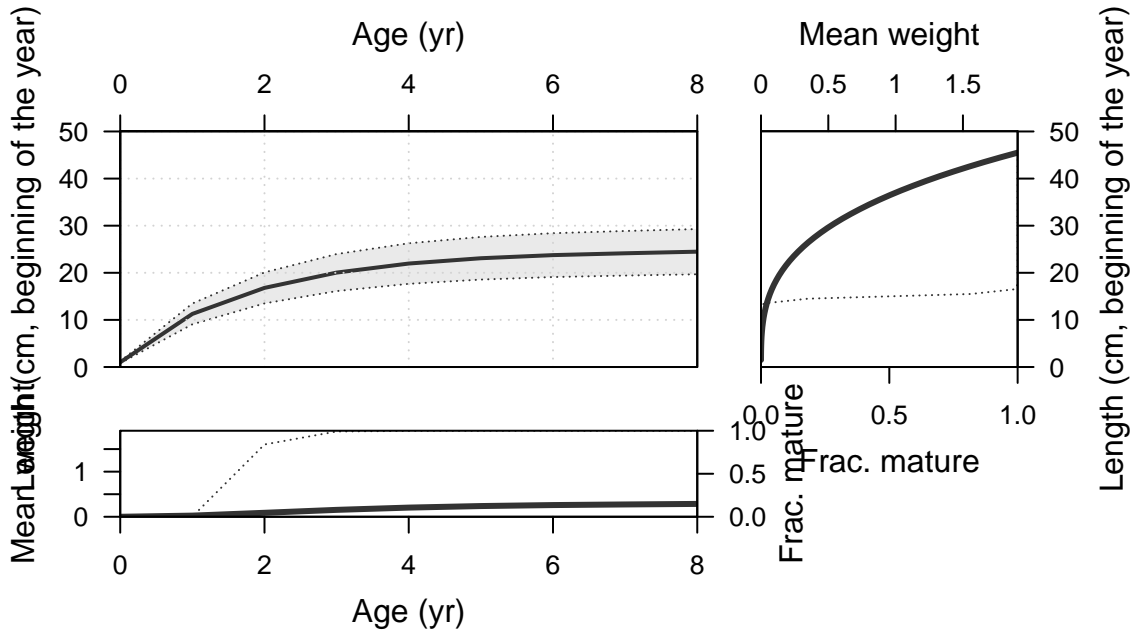
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Sat Jul 09 09:47:24 2022
Data_File: data.ss
Control_File: control.ss

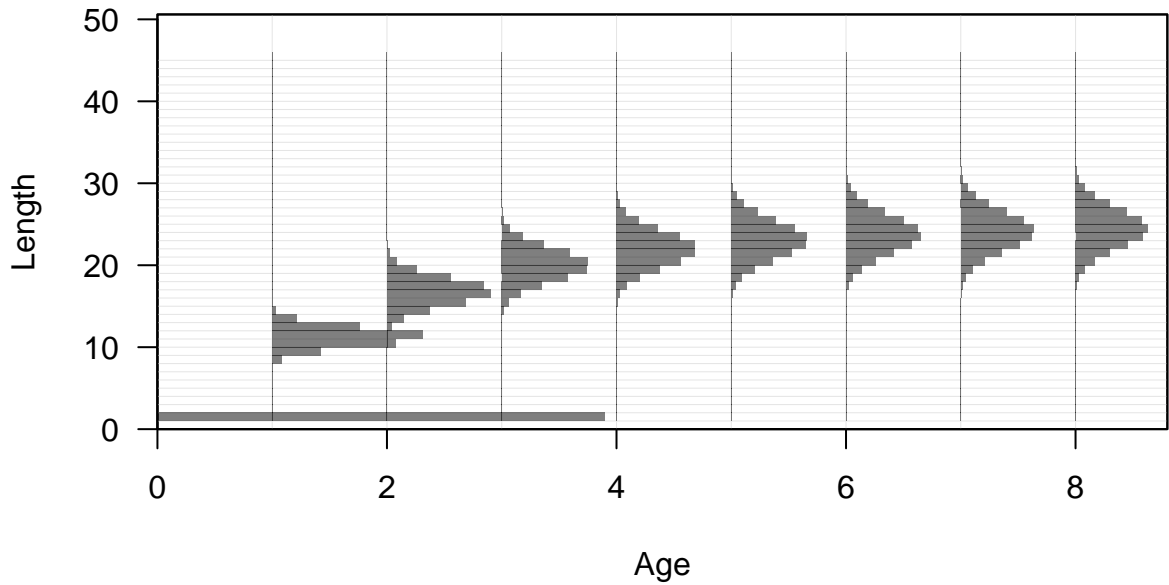
Length (cm, beginning of the year)

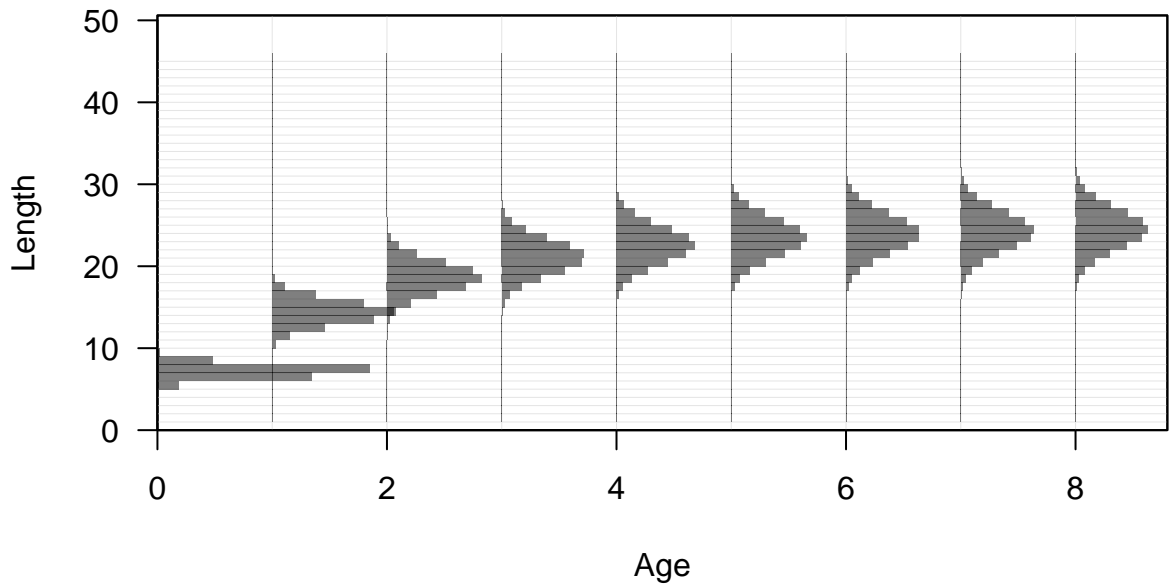


Age (yr)

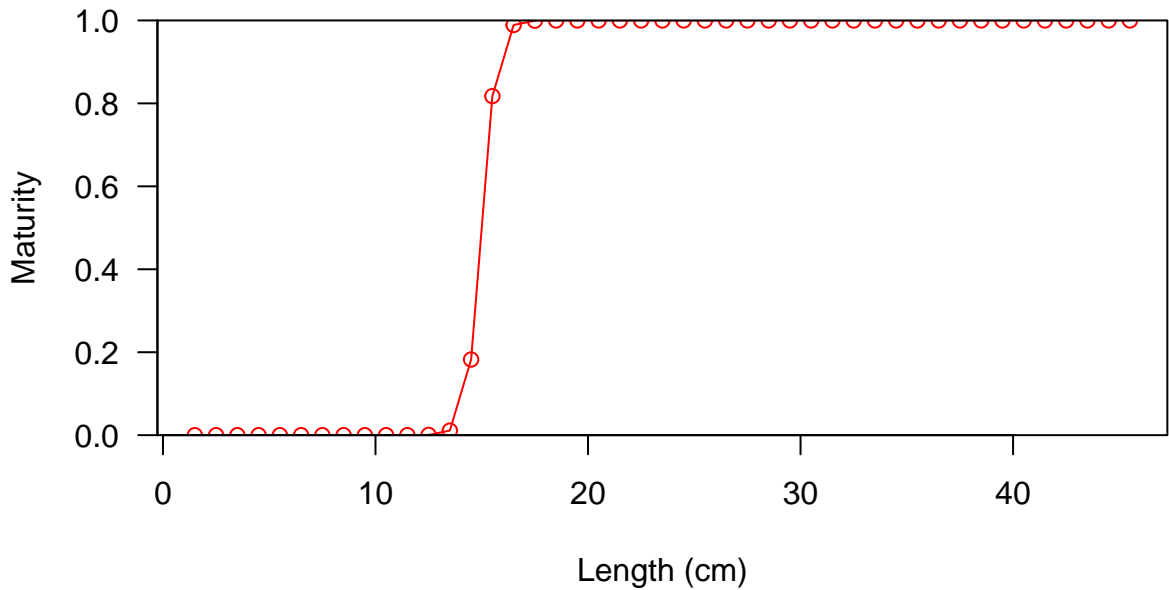




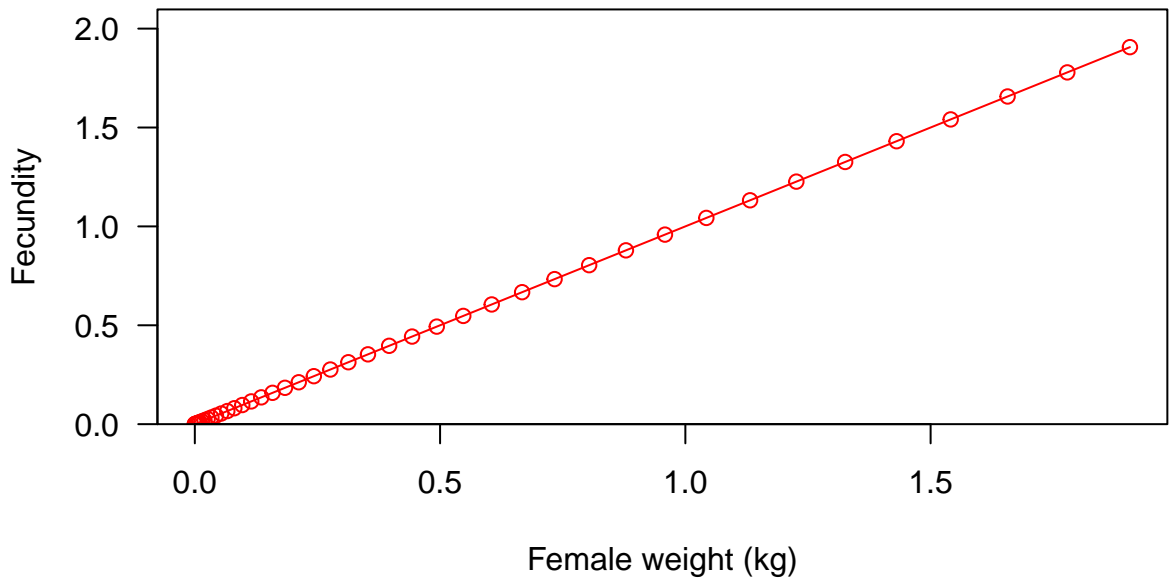




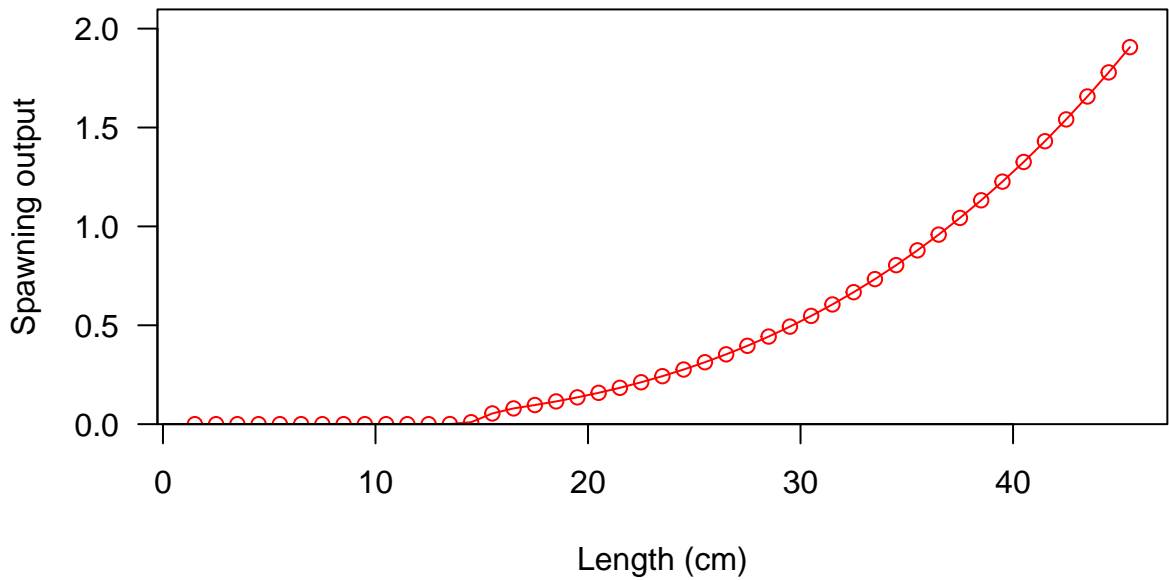


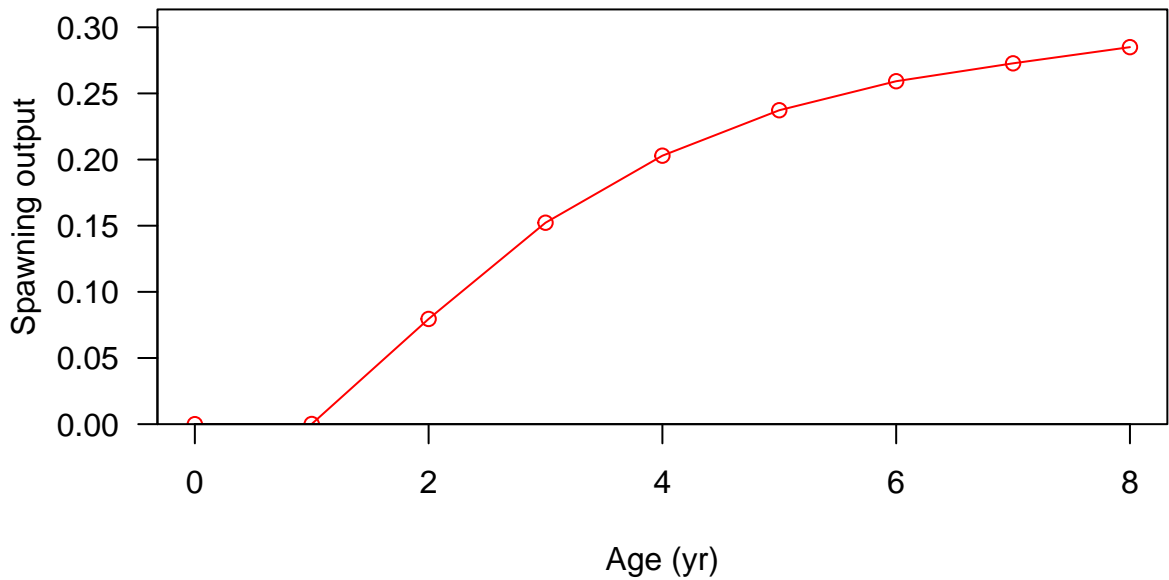




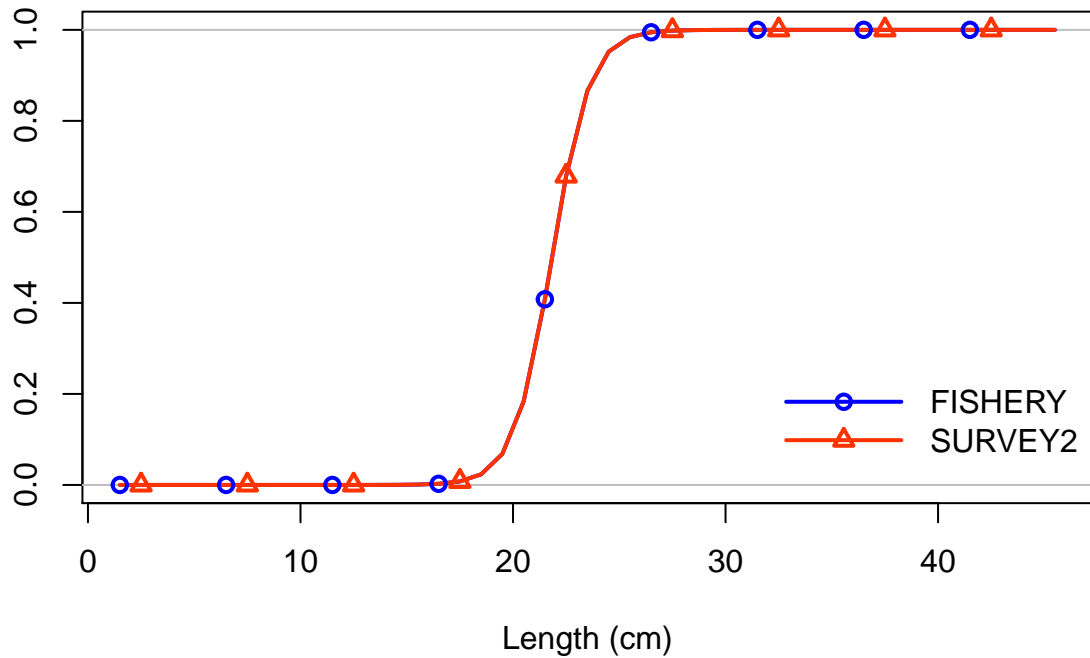




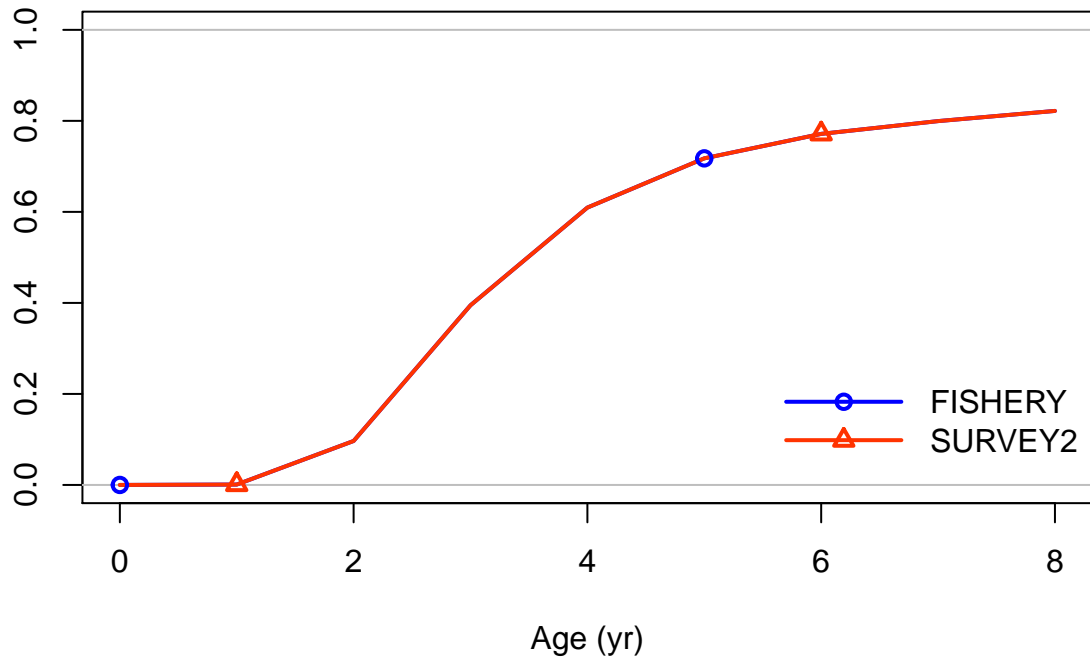




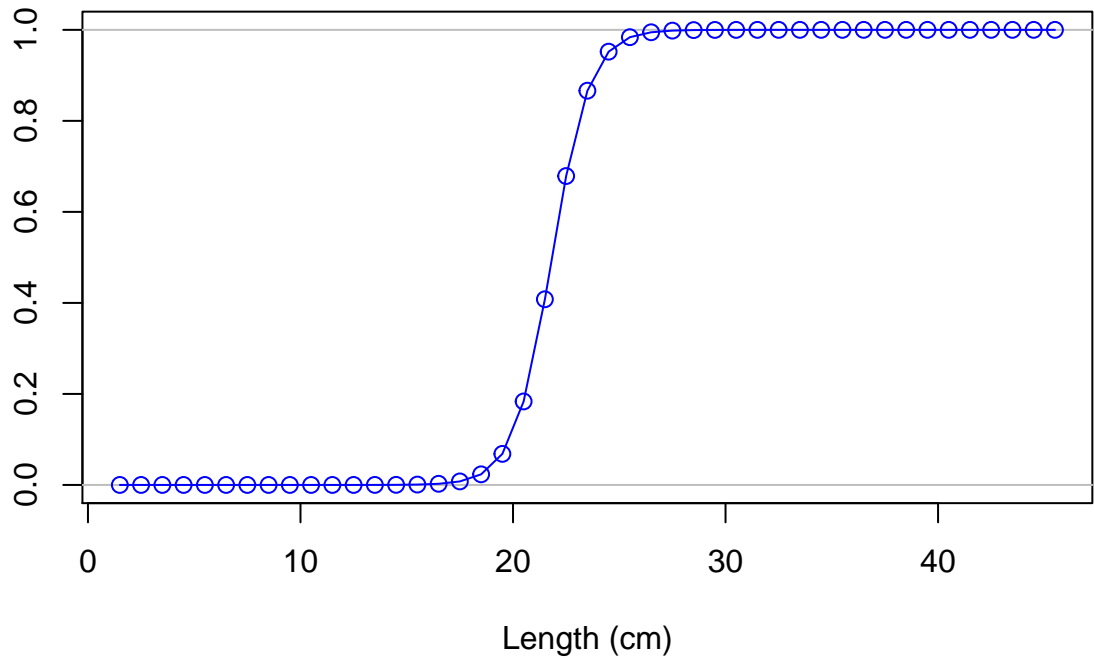
Selectivity



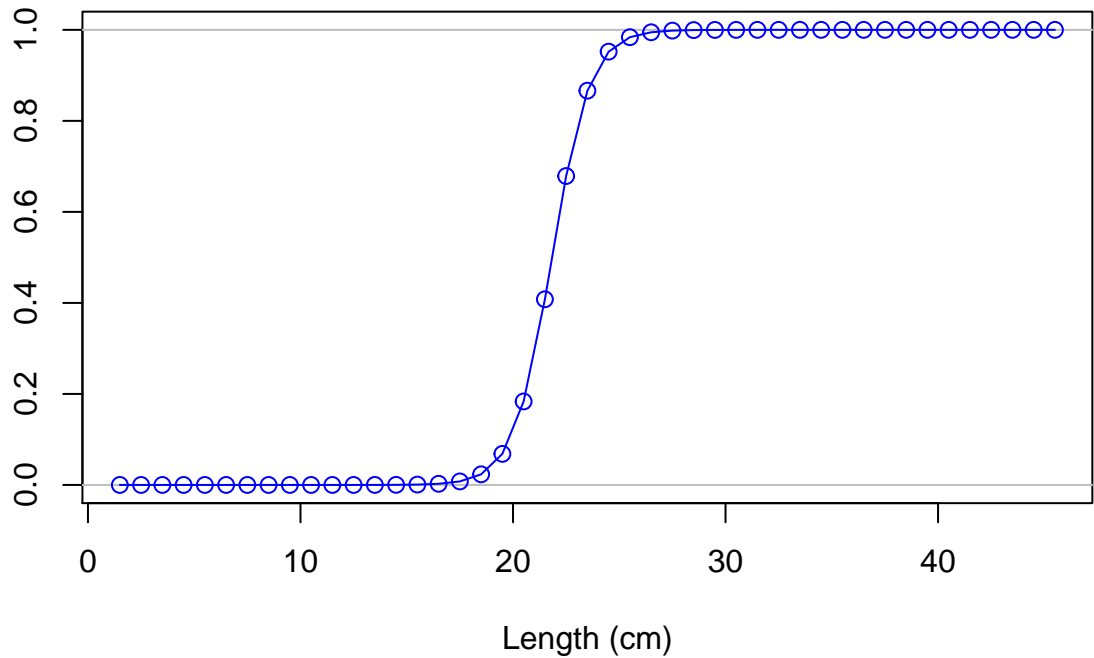
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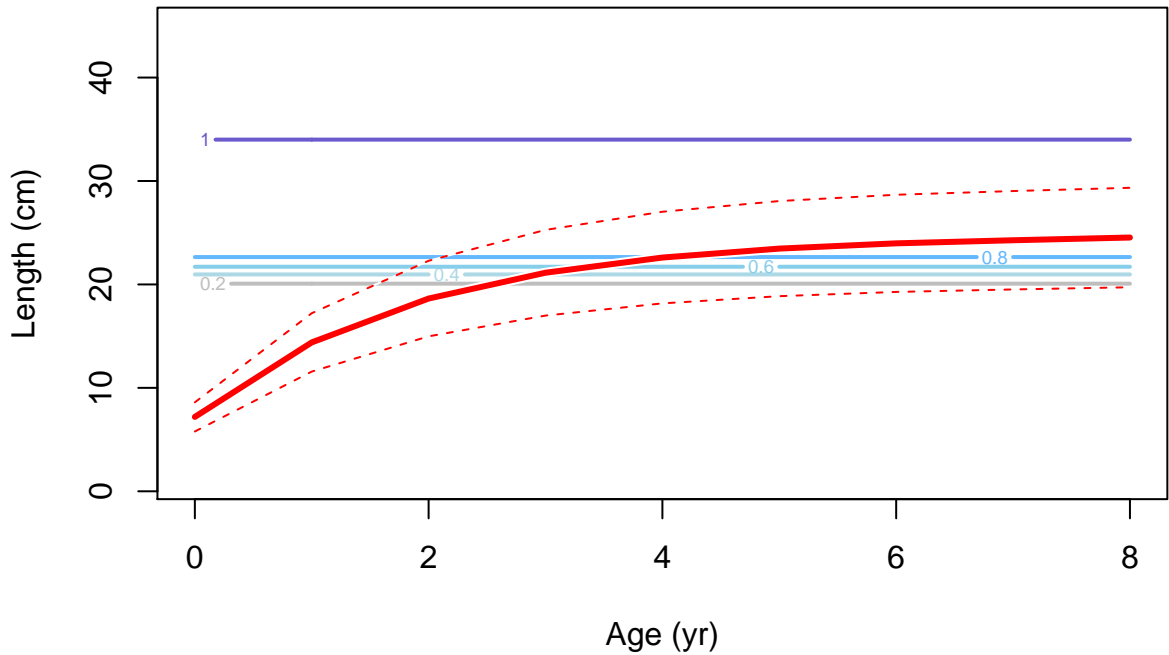


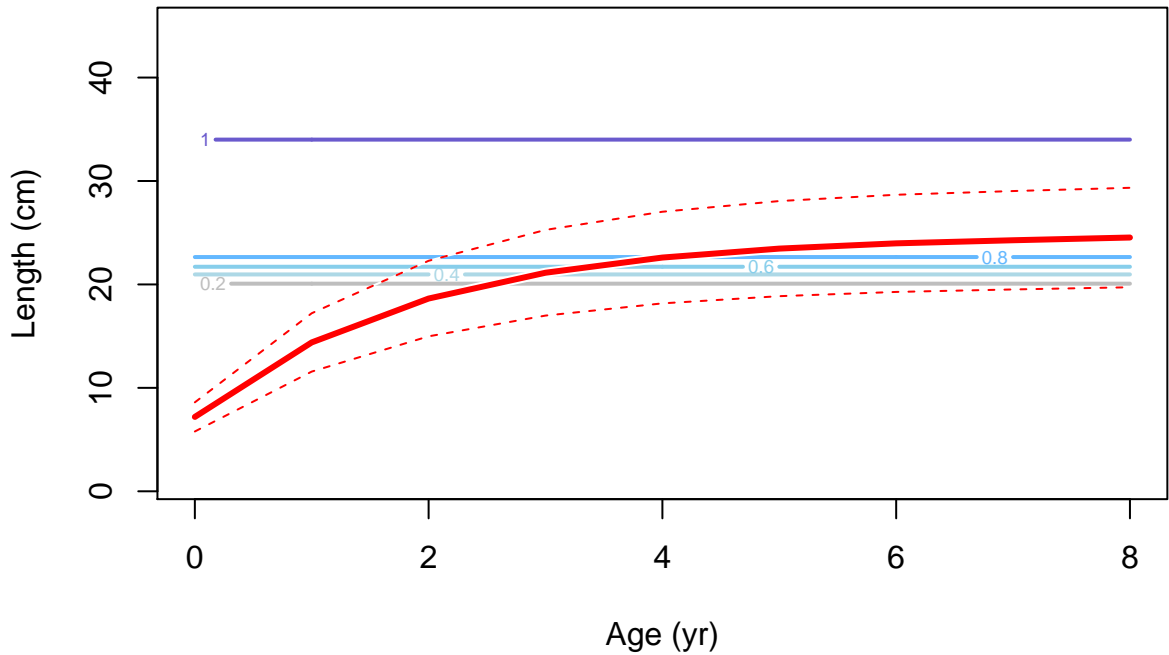
Selectivity

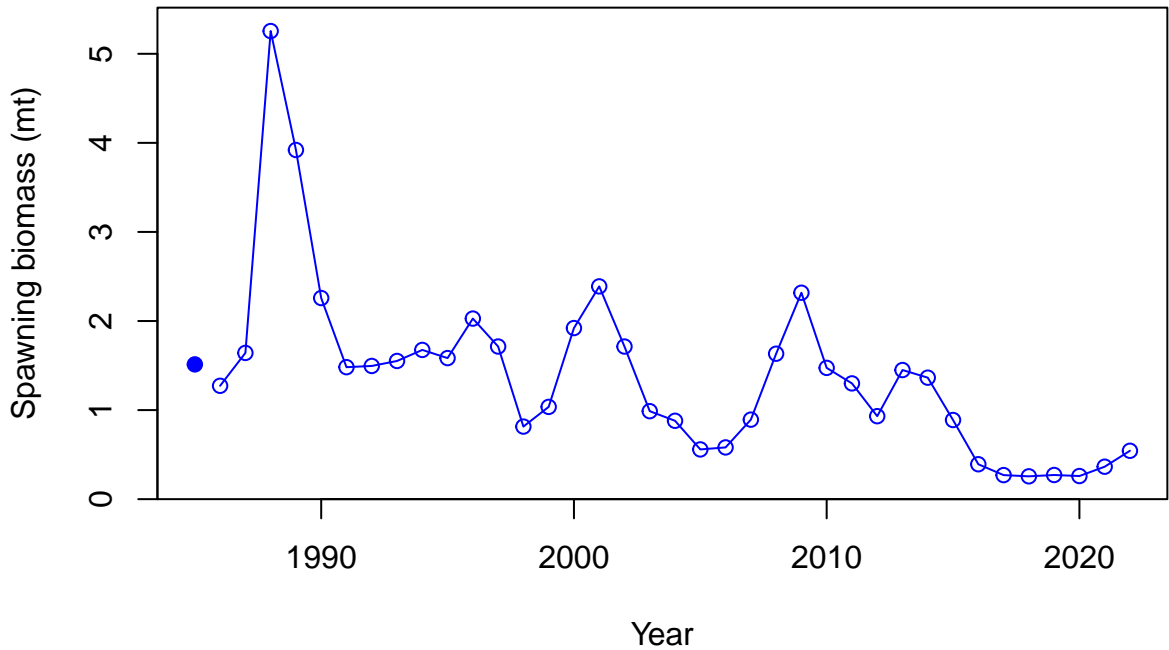


Selectivity

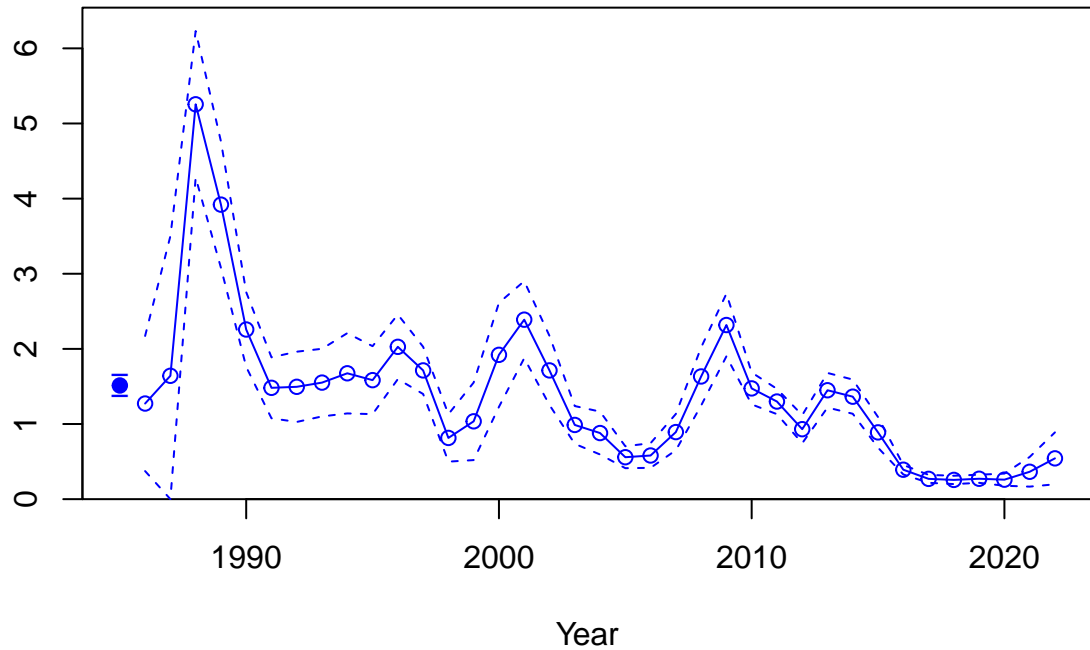




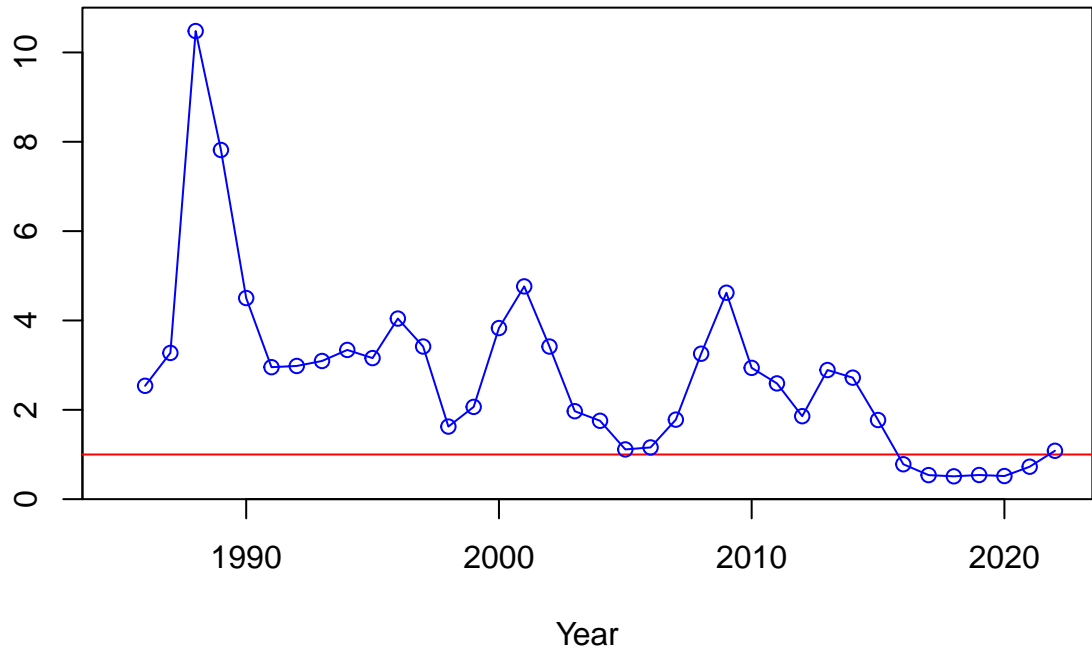




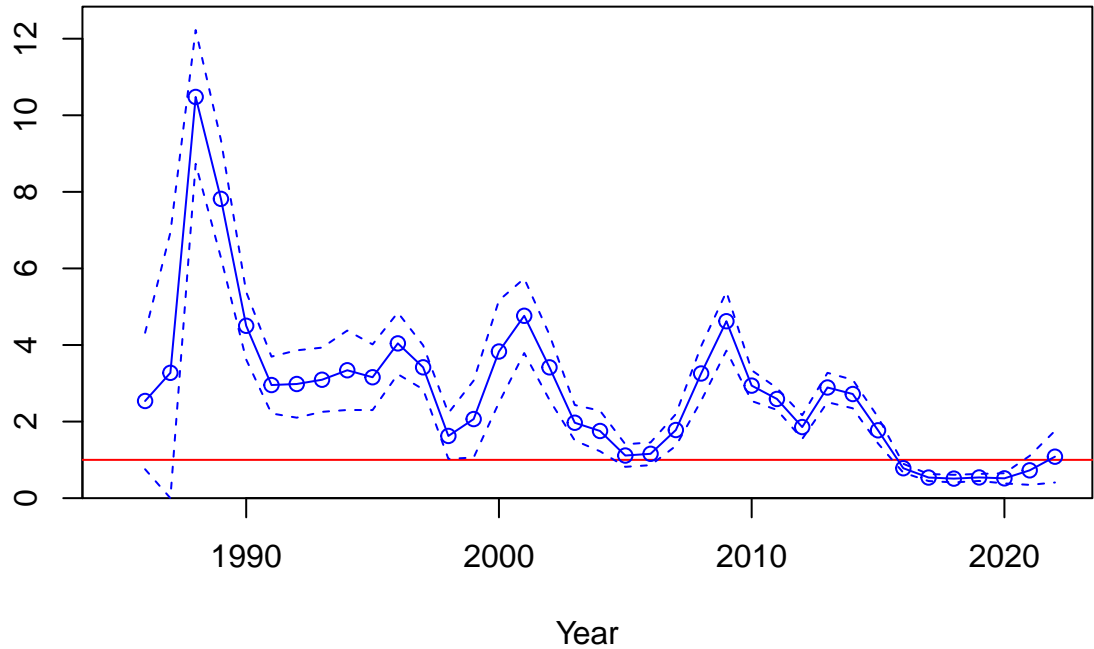
Spawning biomass (mt)

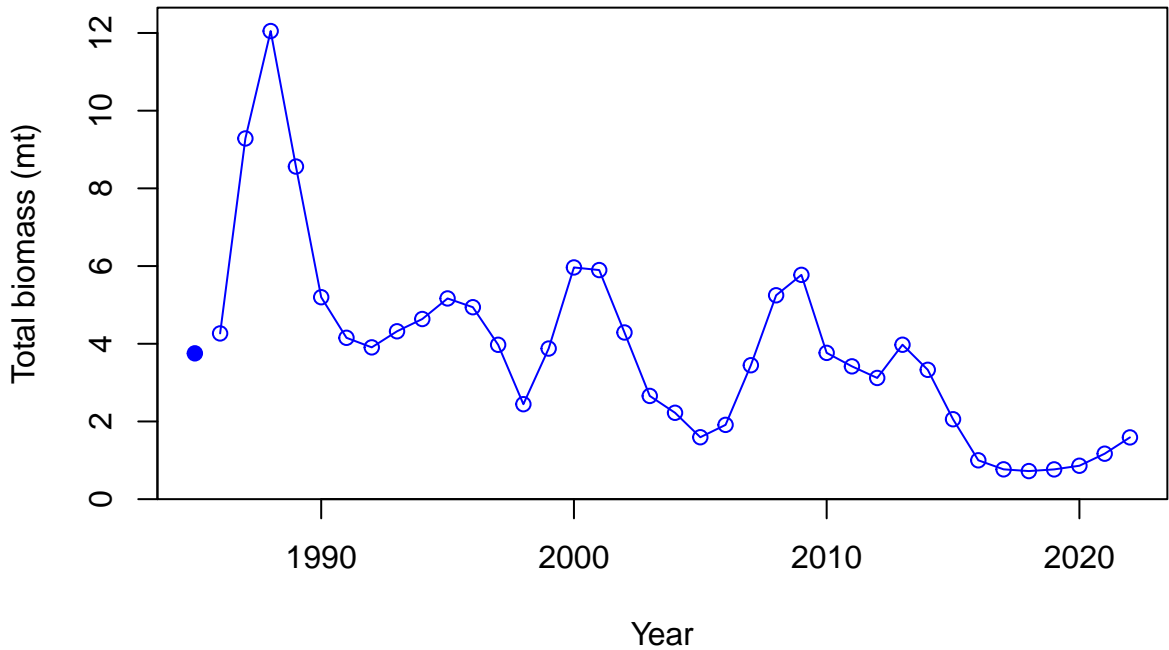


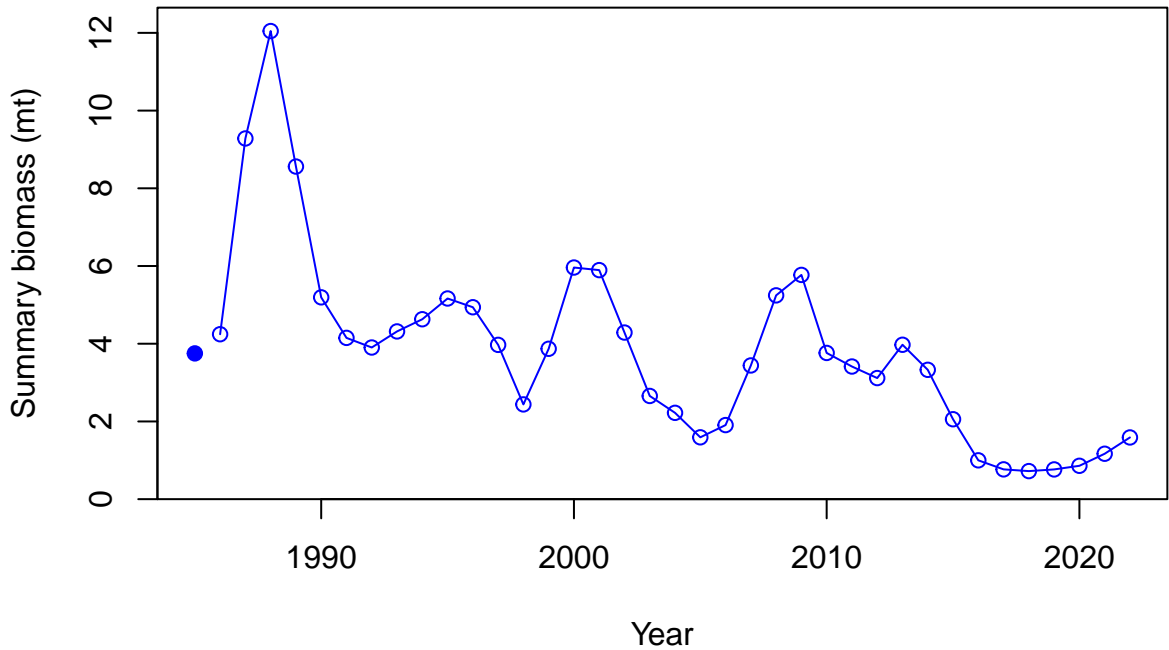
Relative spawning biomass: B/B_{MSY}



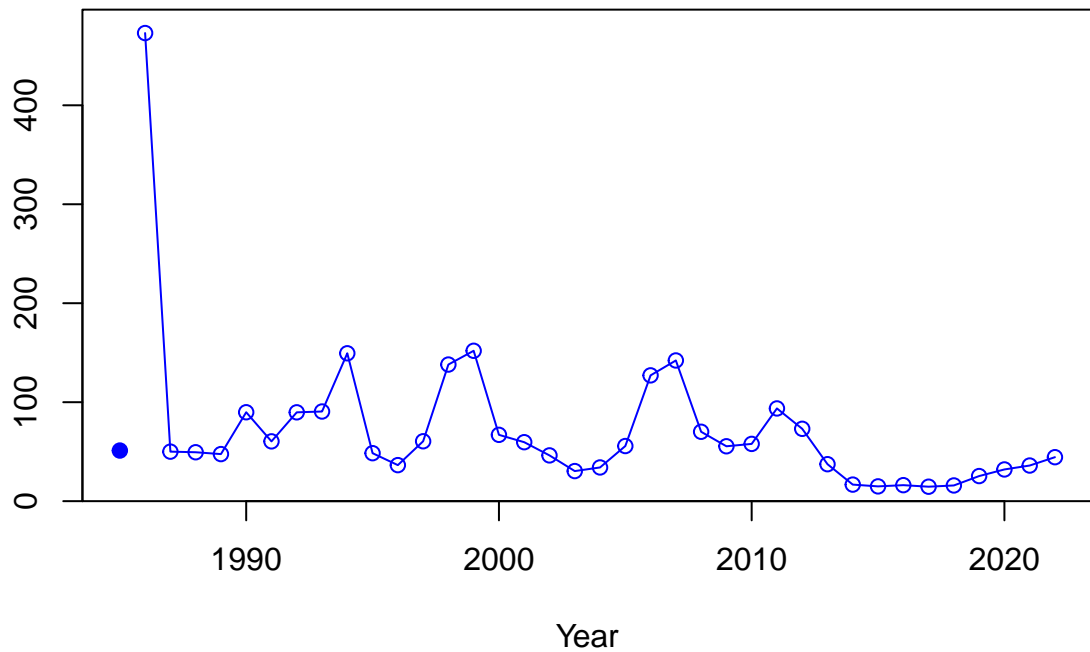
Relative spawning biomass: B/B_{MSY}

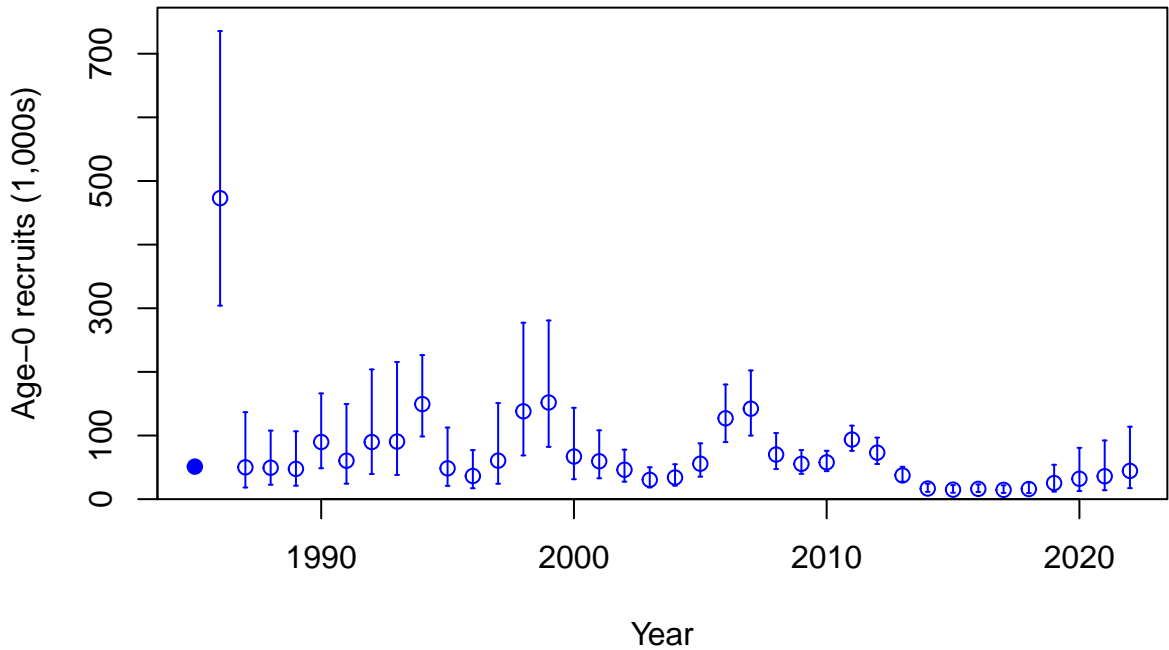




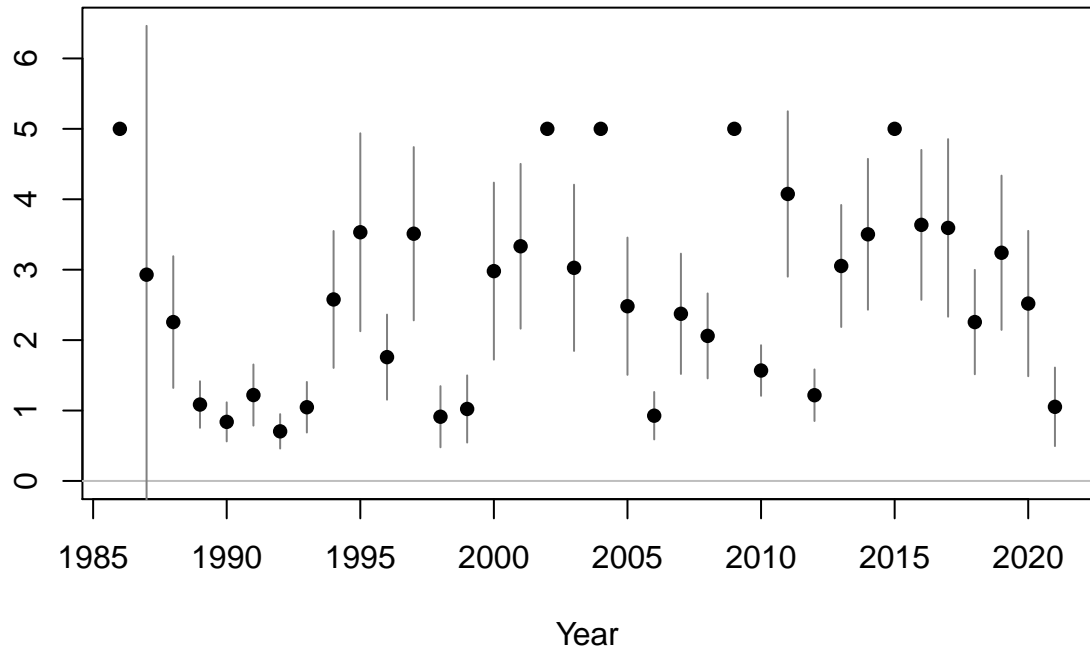


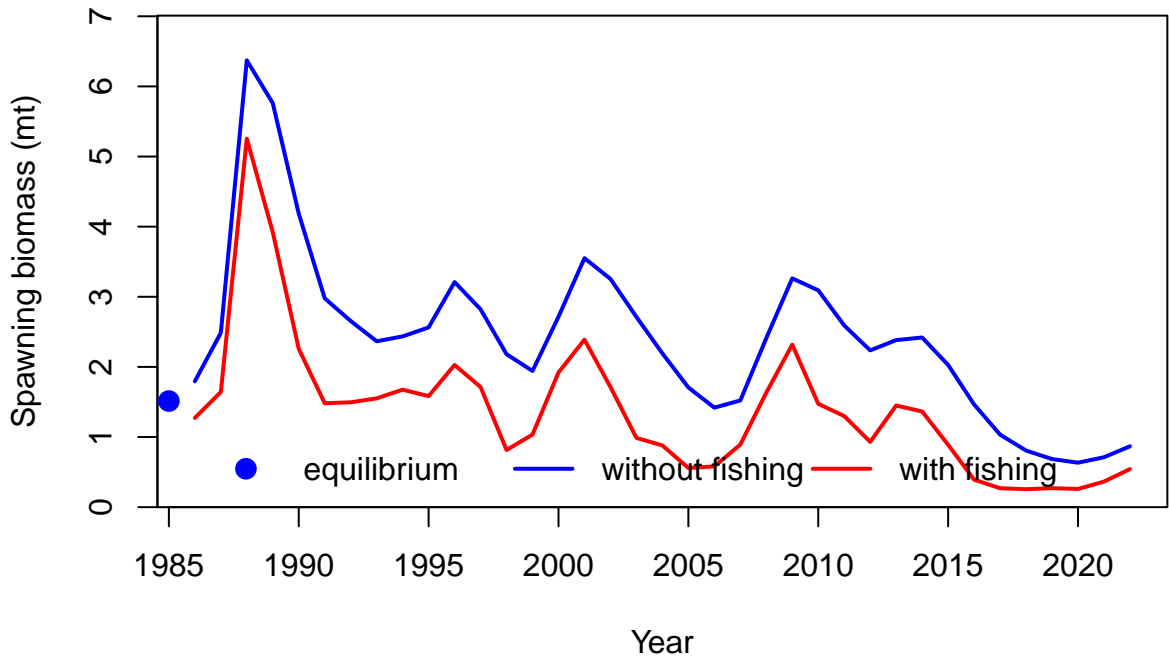
Age-0 recruits (1,000s)



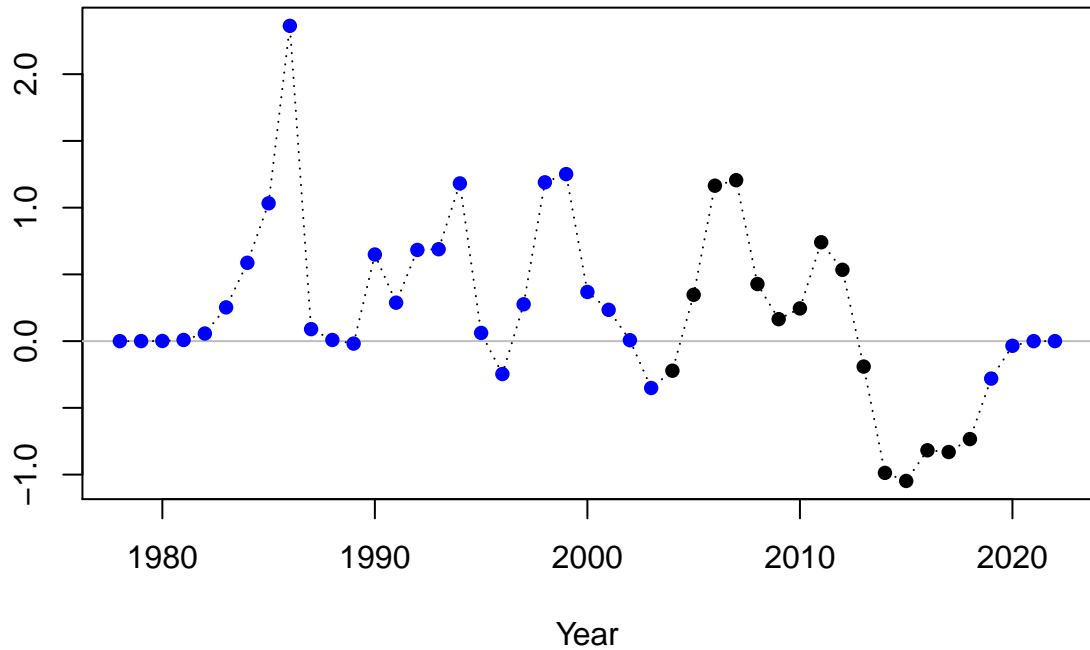


Summary Fishing Mortality

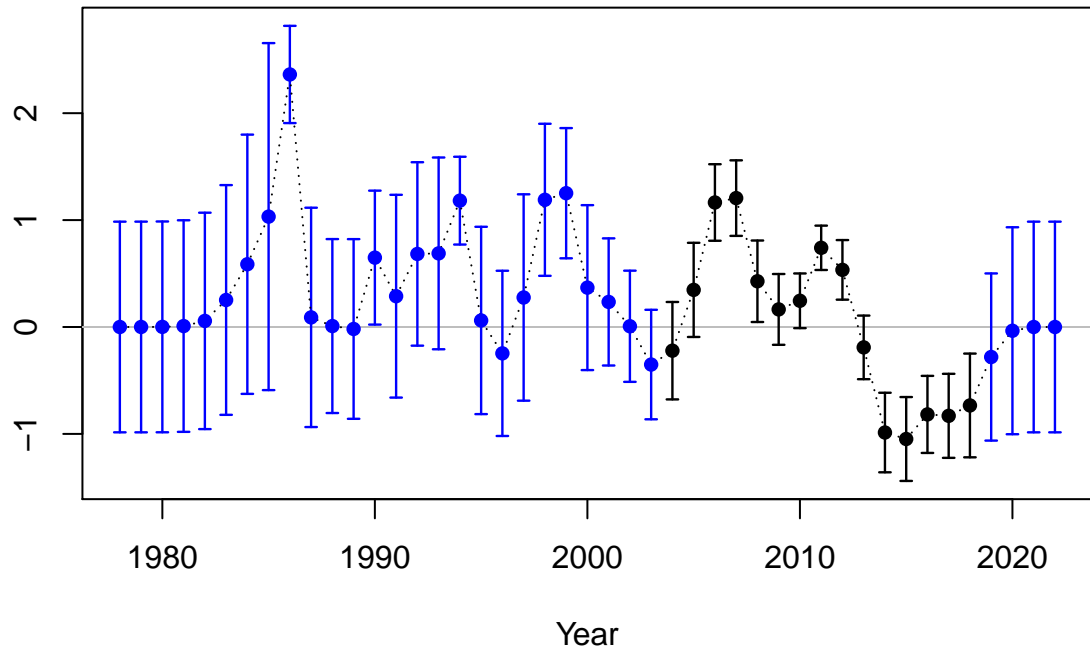




Log recruitment deviation

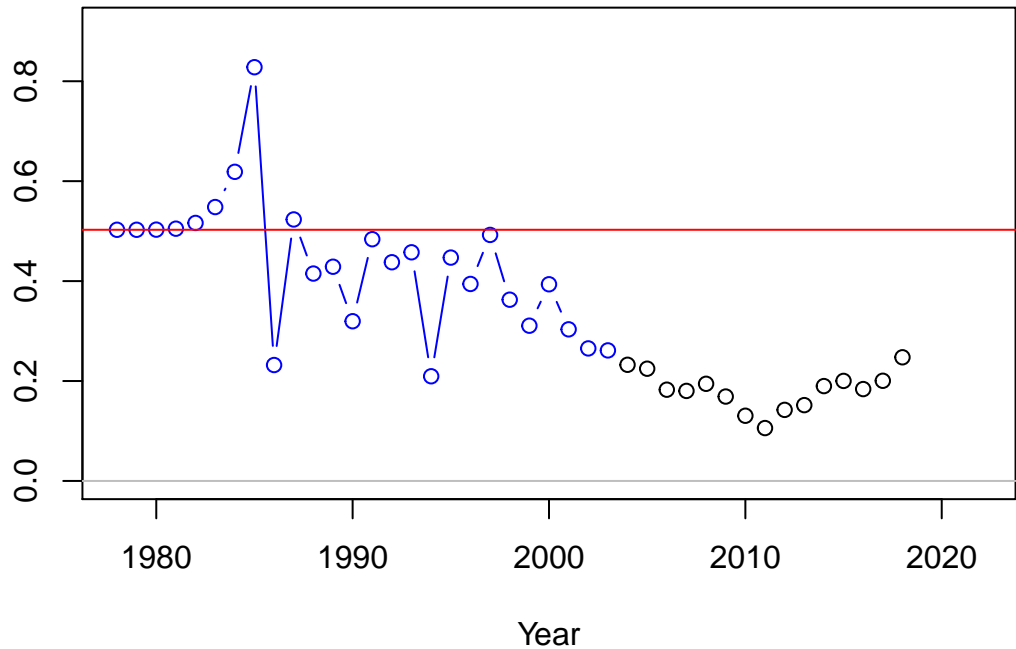


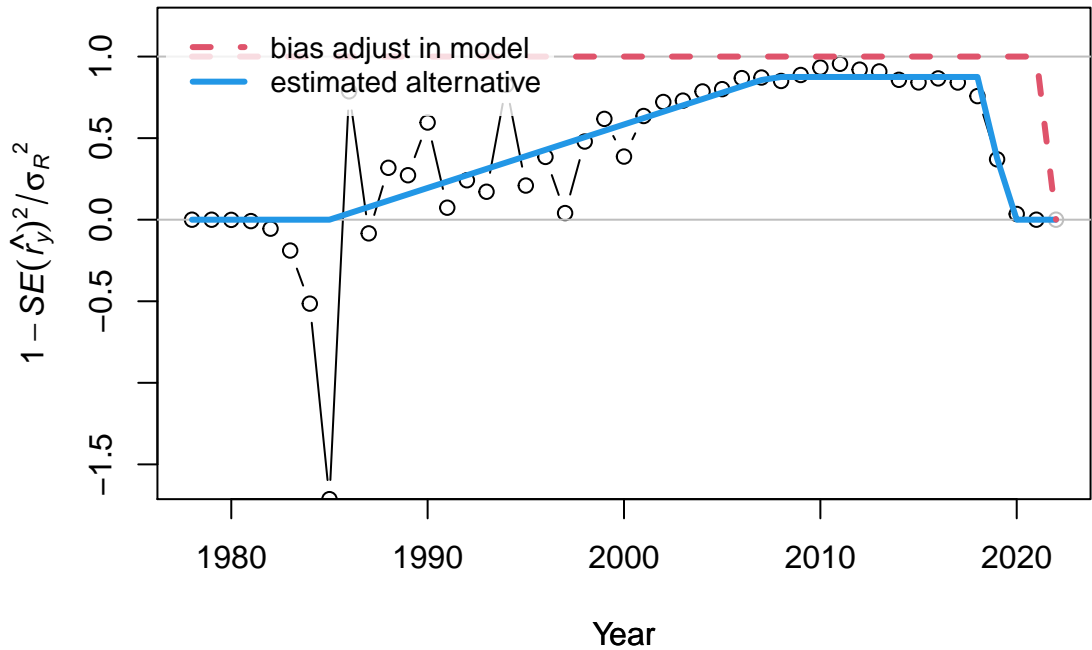
Log recruitment deviation

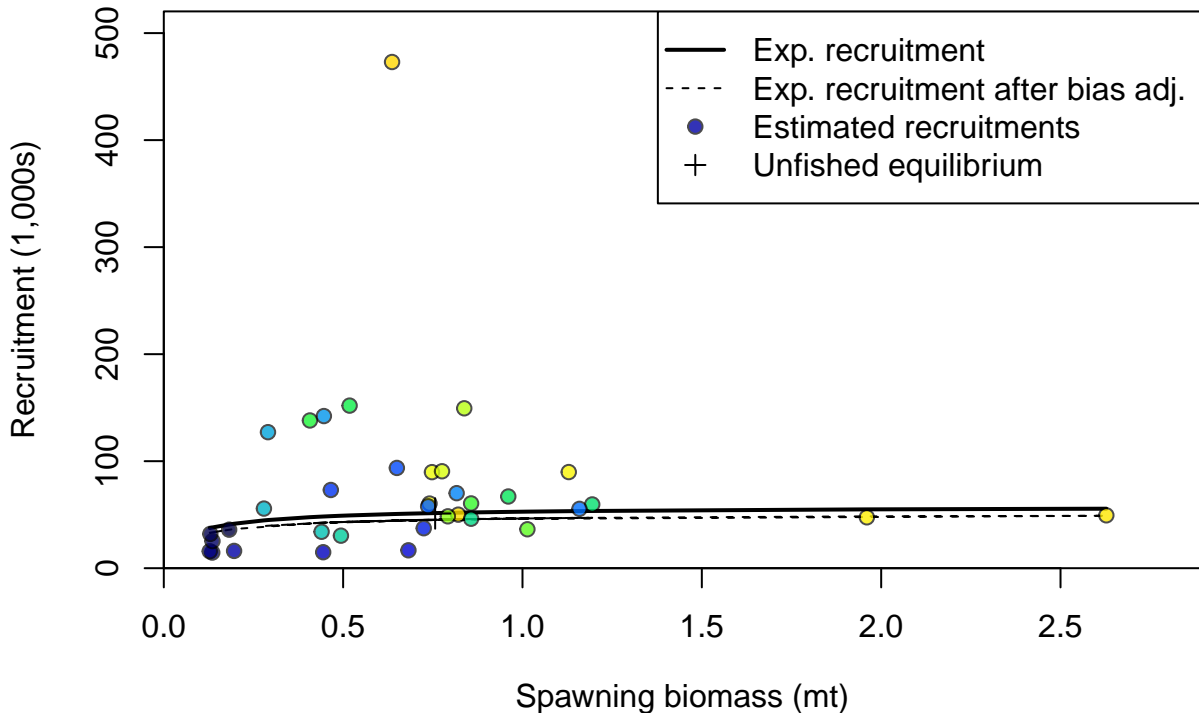


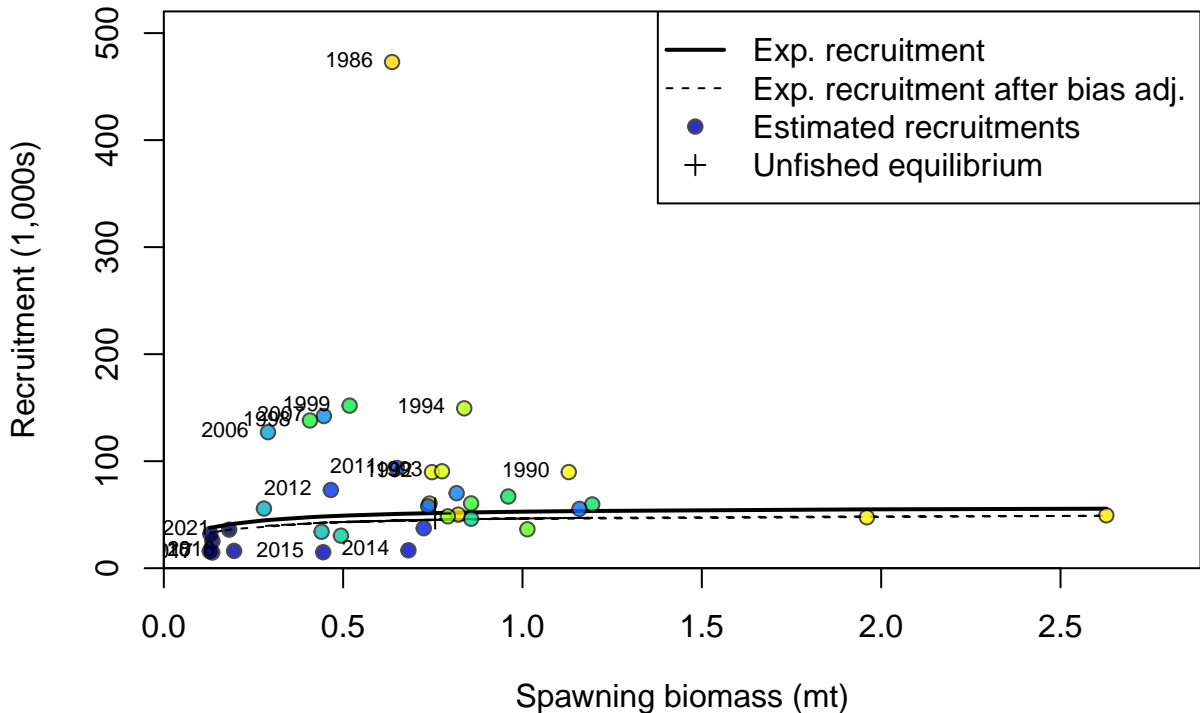
Recruitment deviation variance

Asymptotic standard error estimate

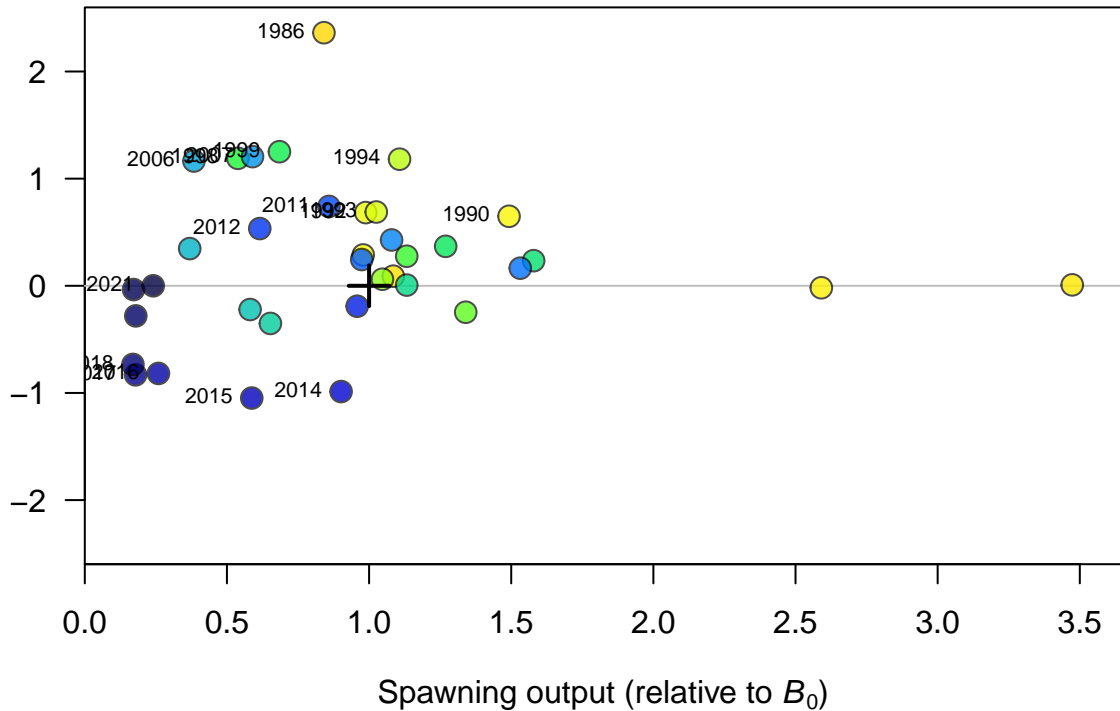


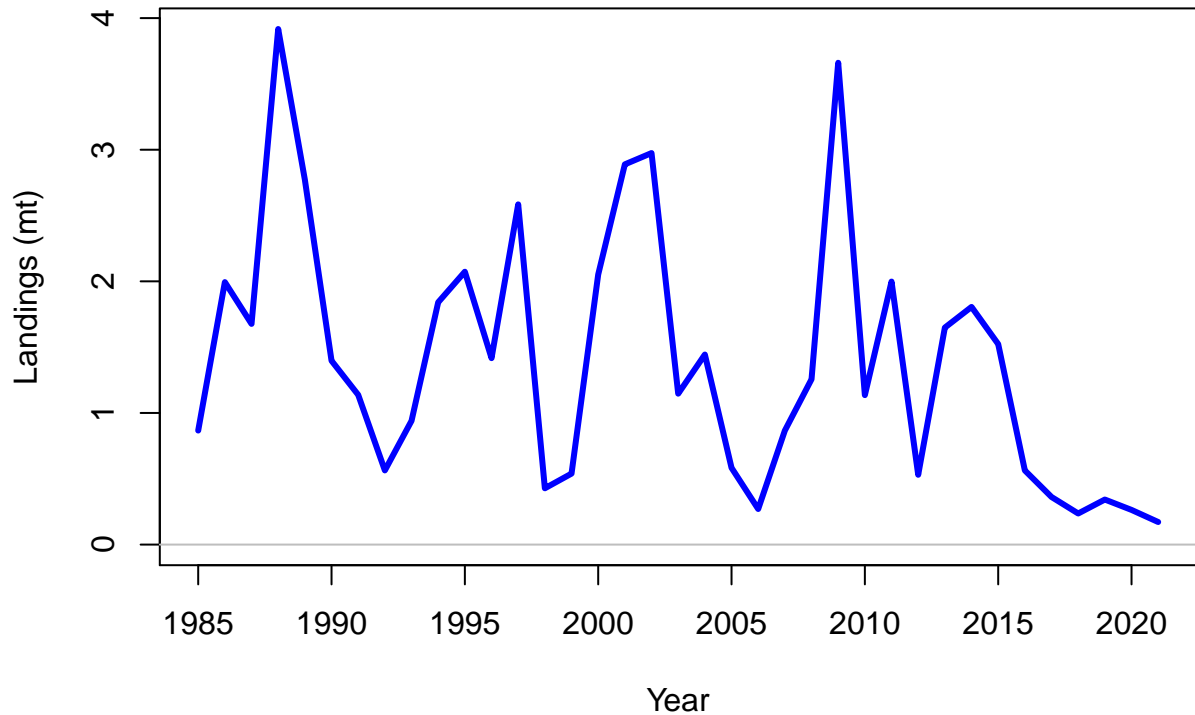


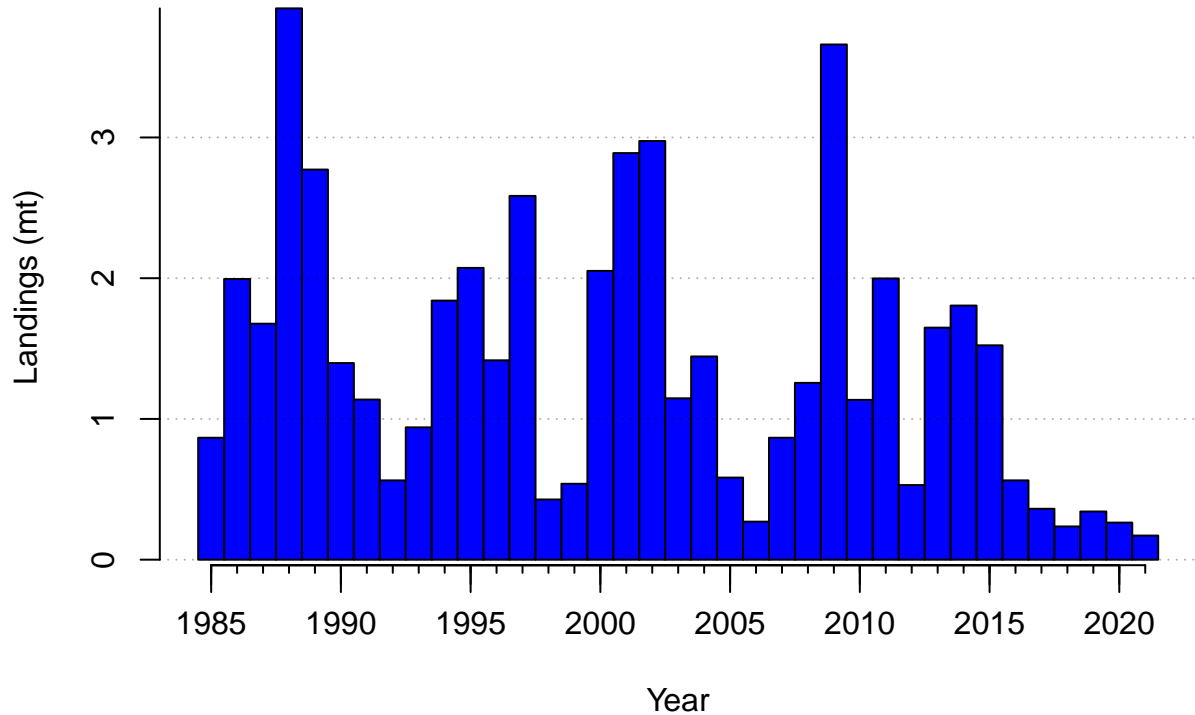




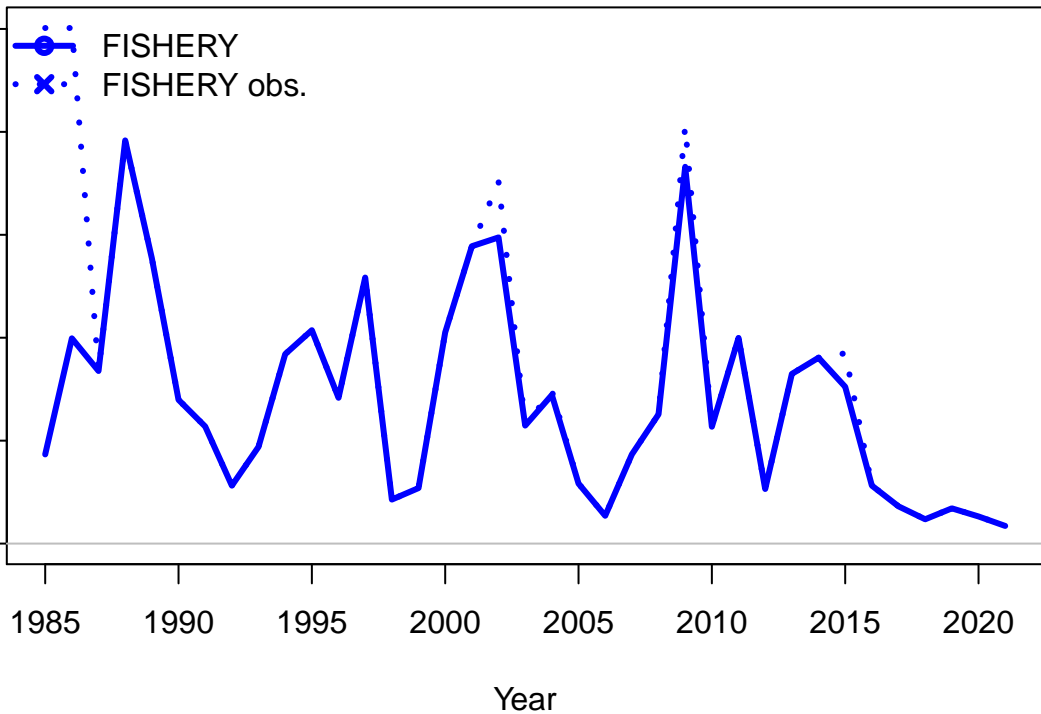
Log recruitment deviation

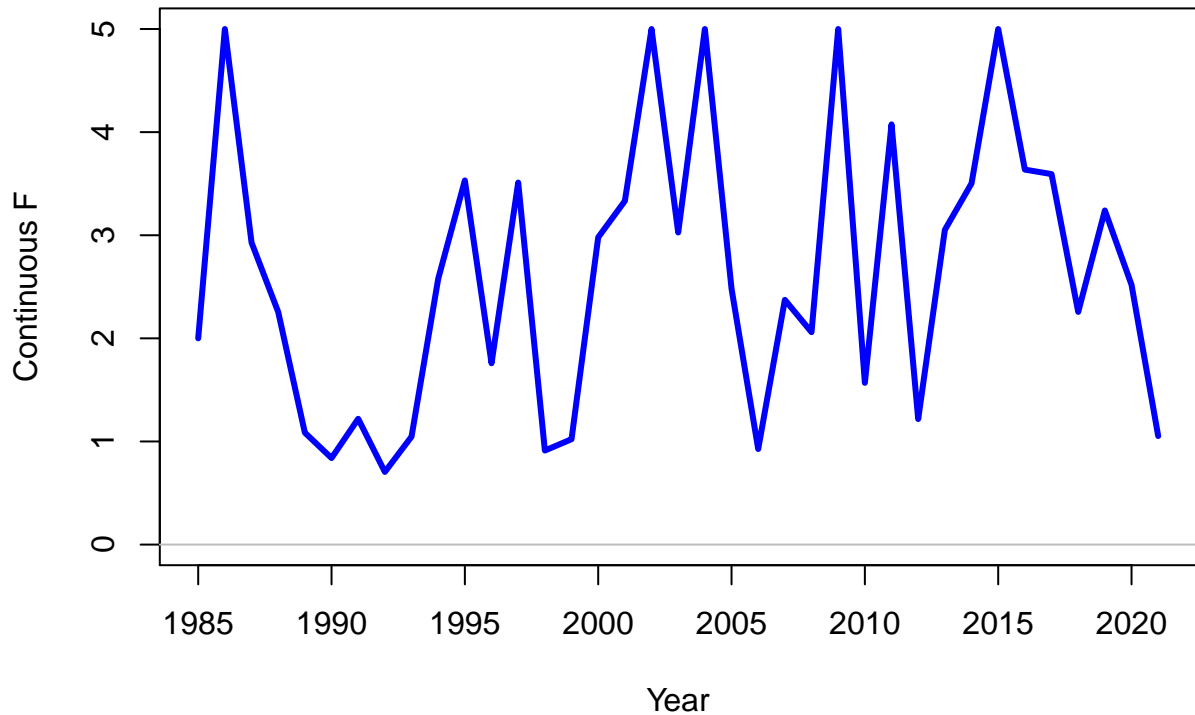




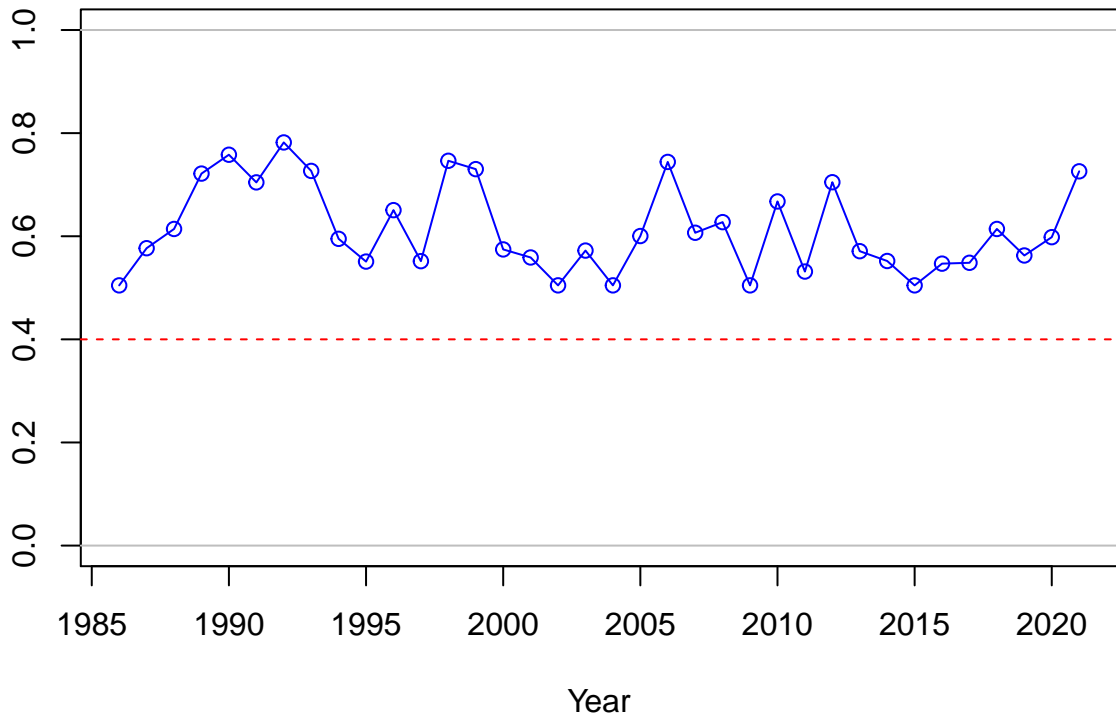


Observed and expected Landings (mt)

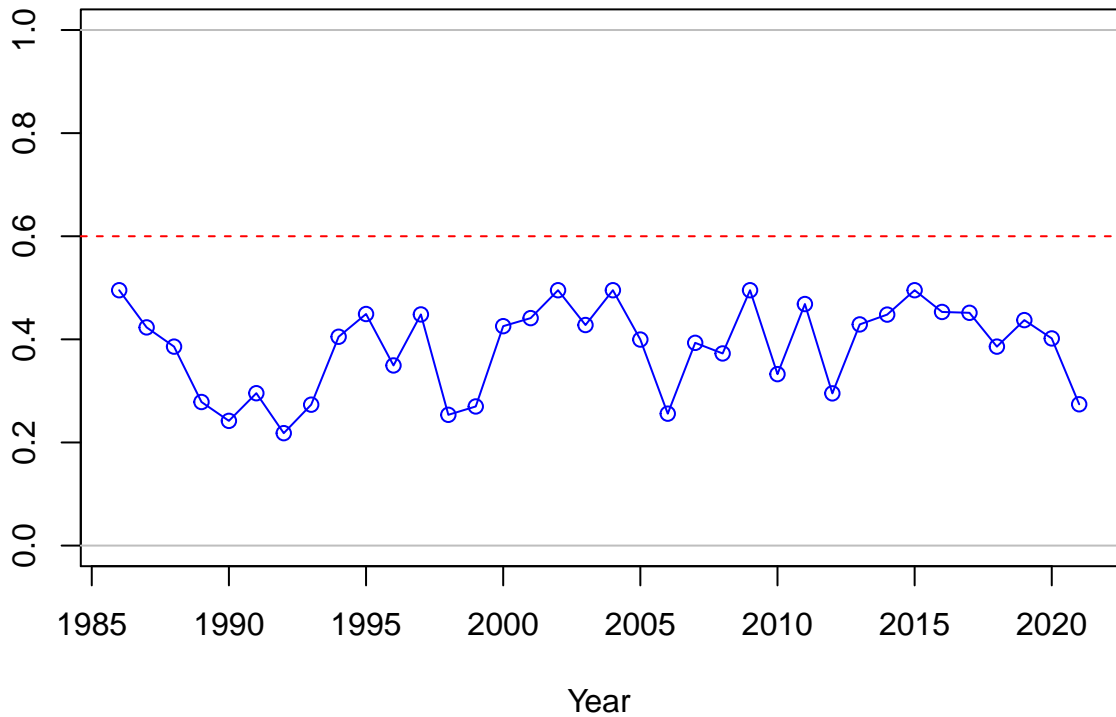




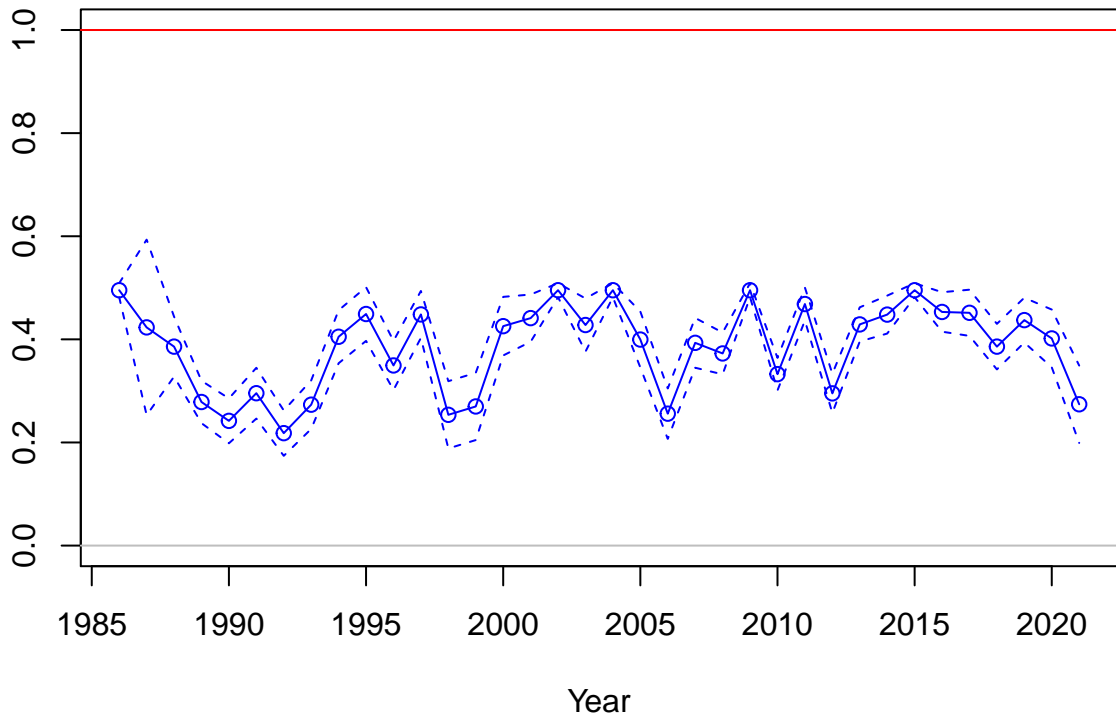
SPR



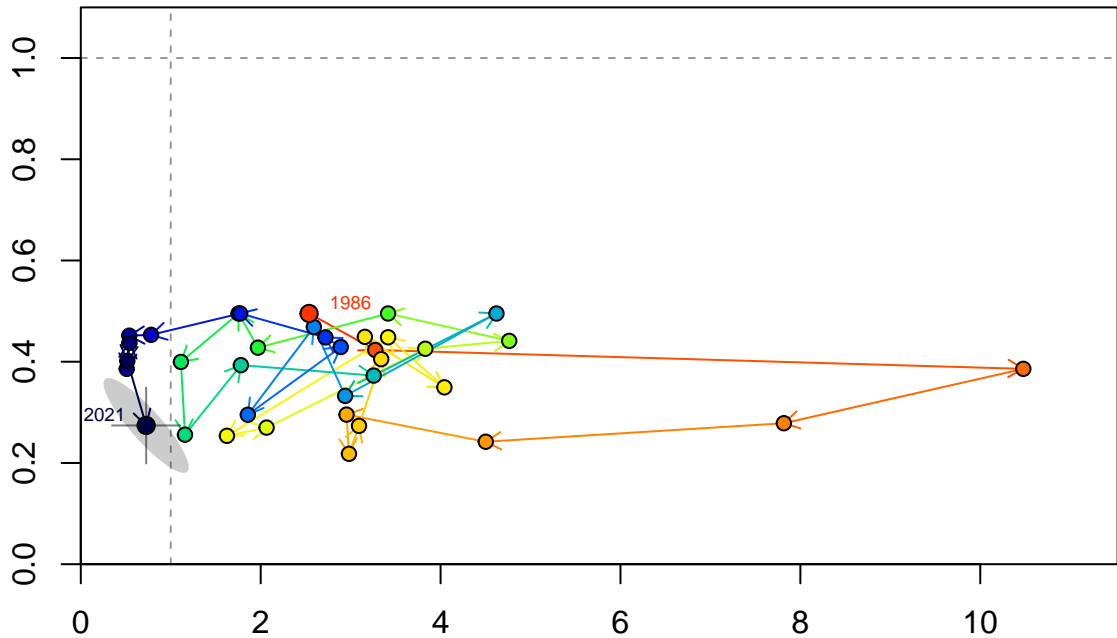
1-SPR



Fishing intensity: 1-SPR



Fishing intensity: 1-SPR

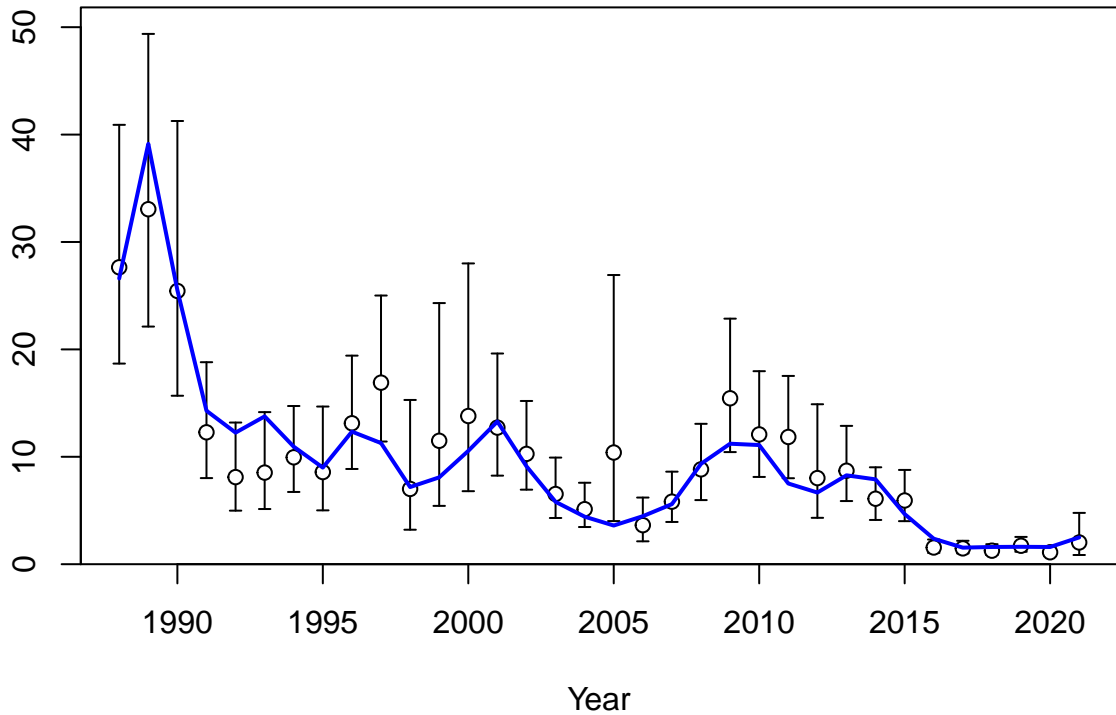


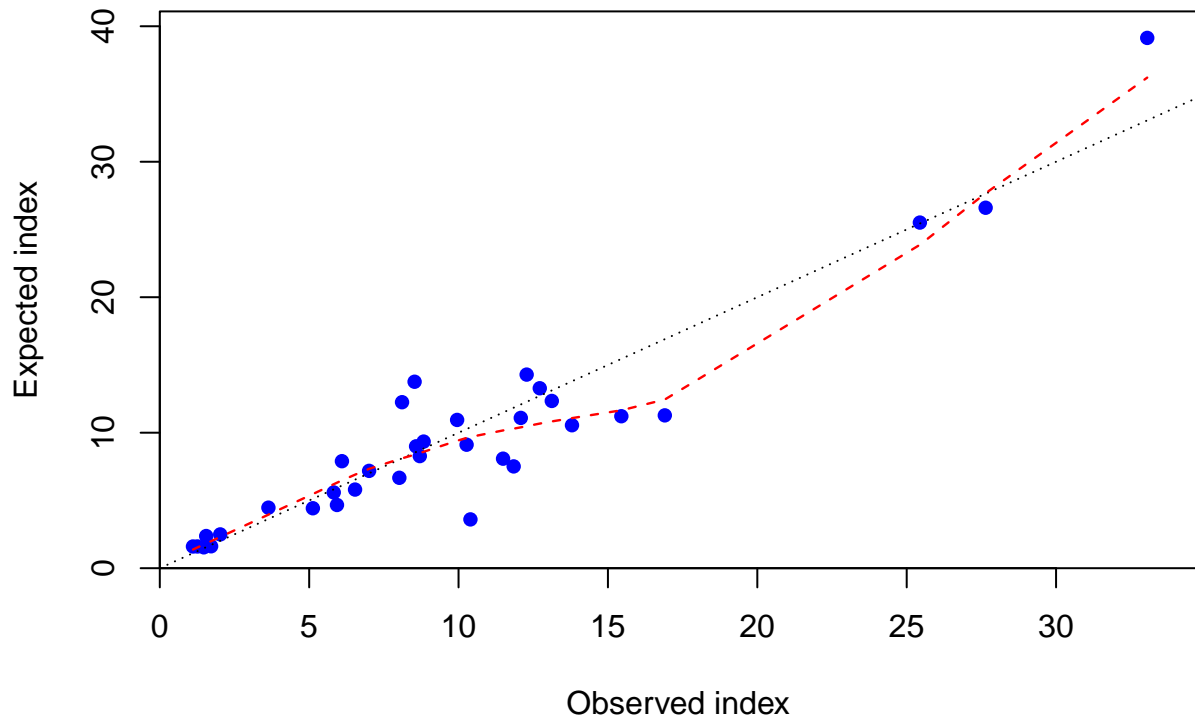
Relative spawning output: B/B_{MSY}

Index



Index

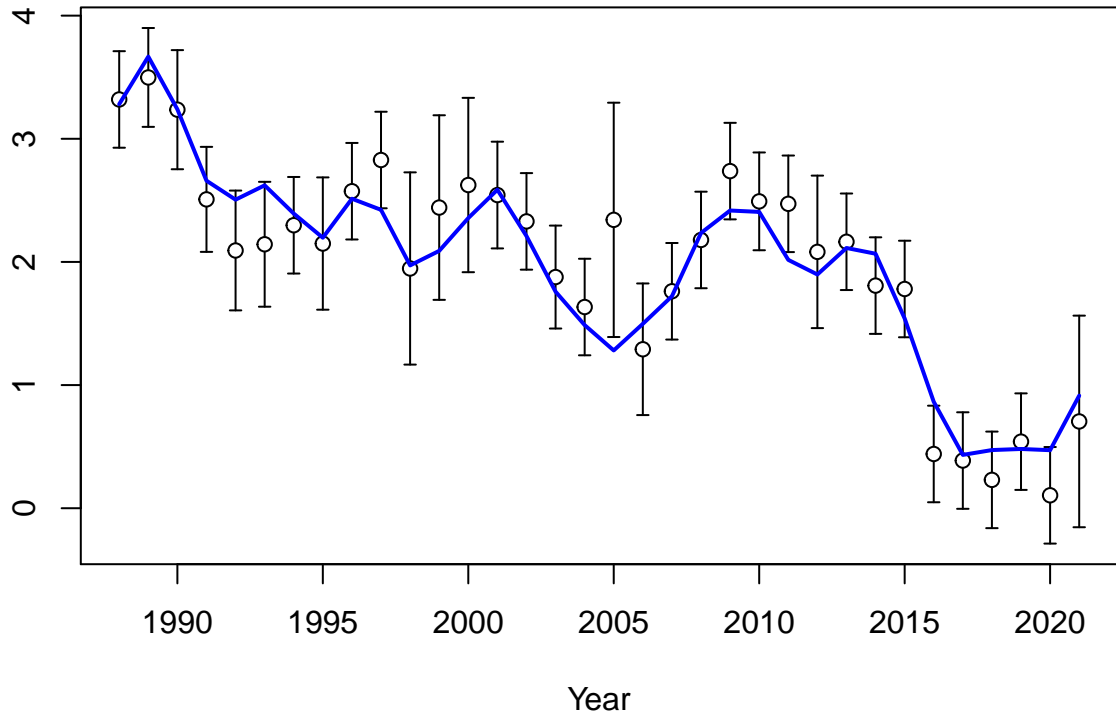


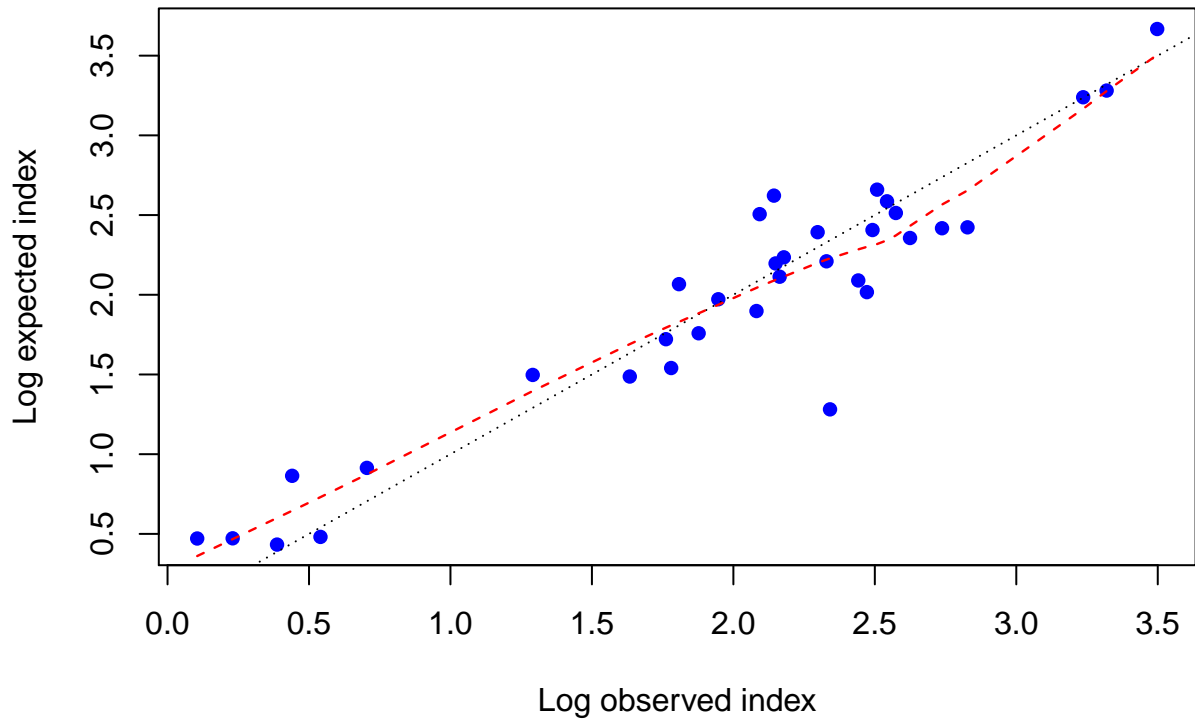


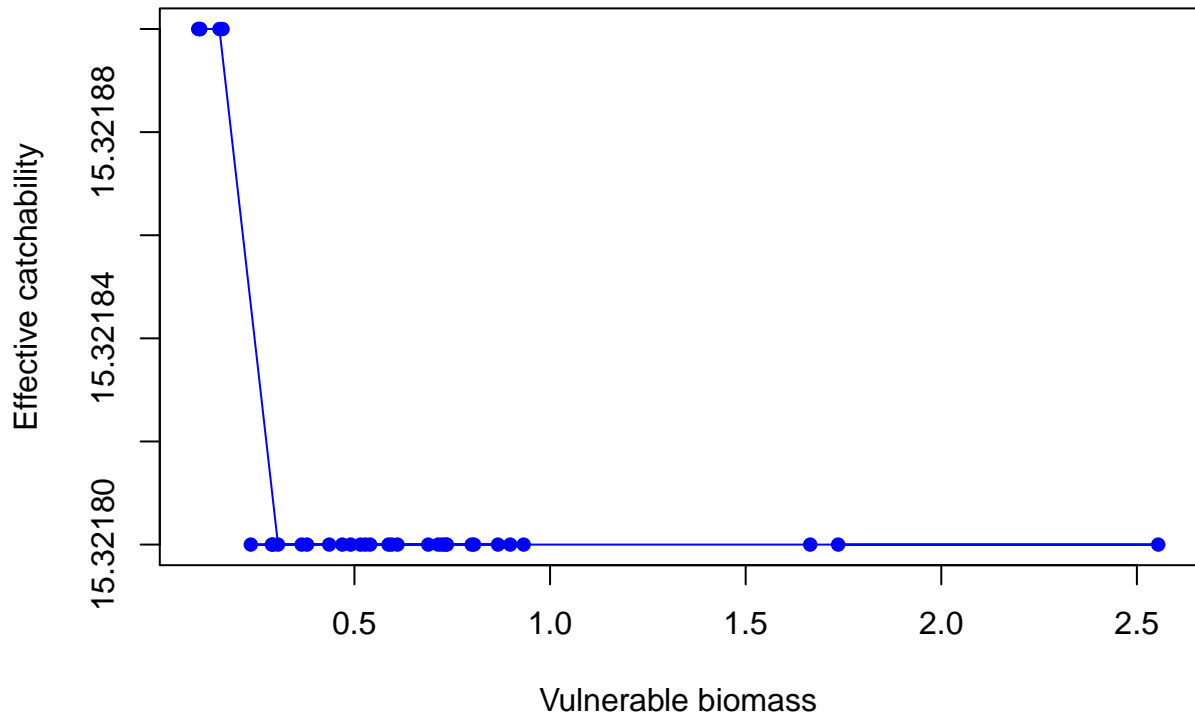
Log index

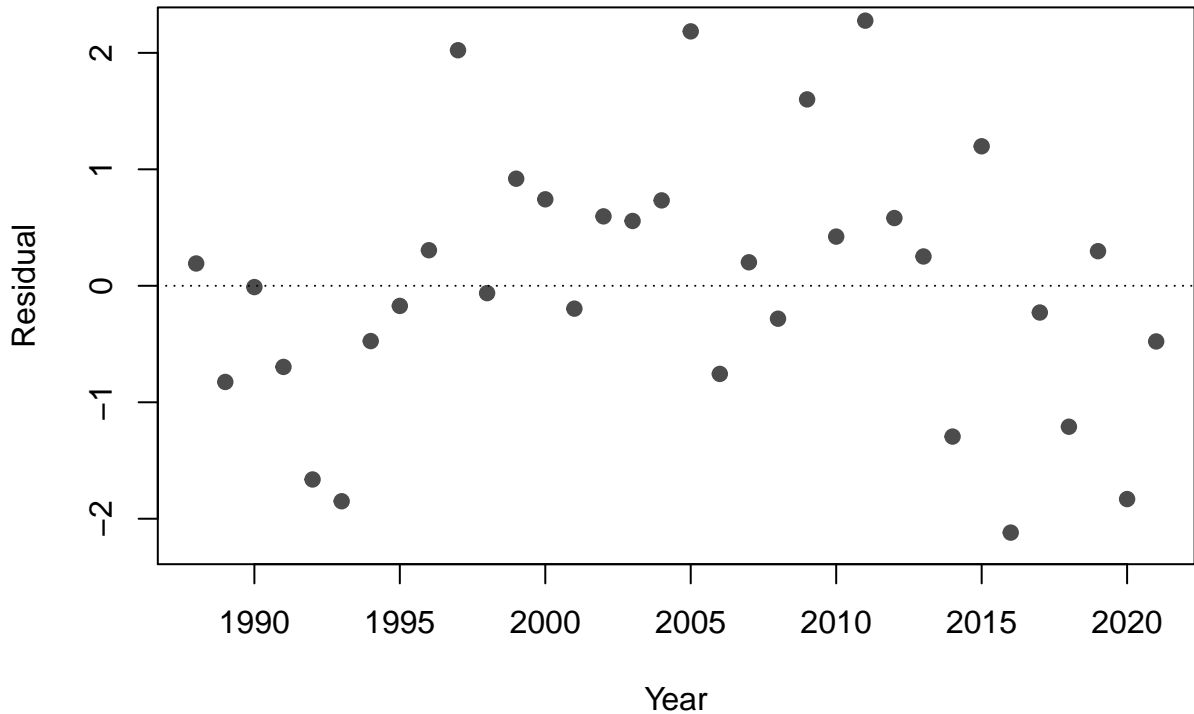


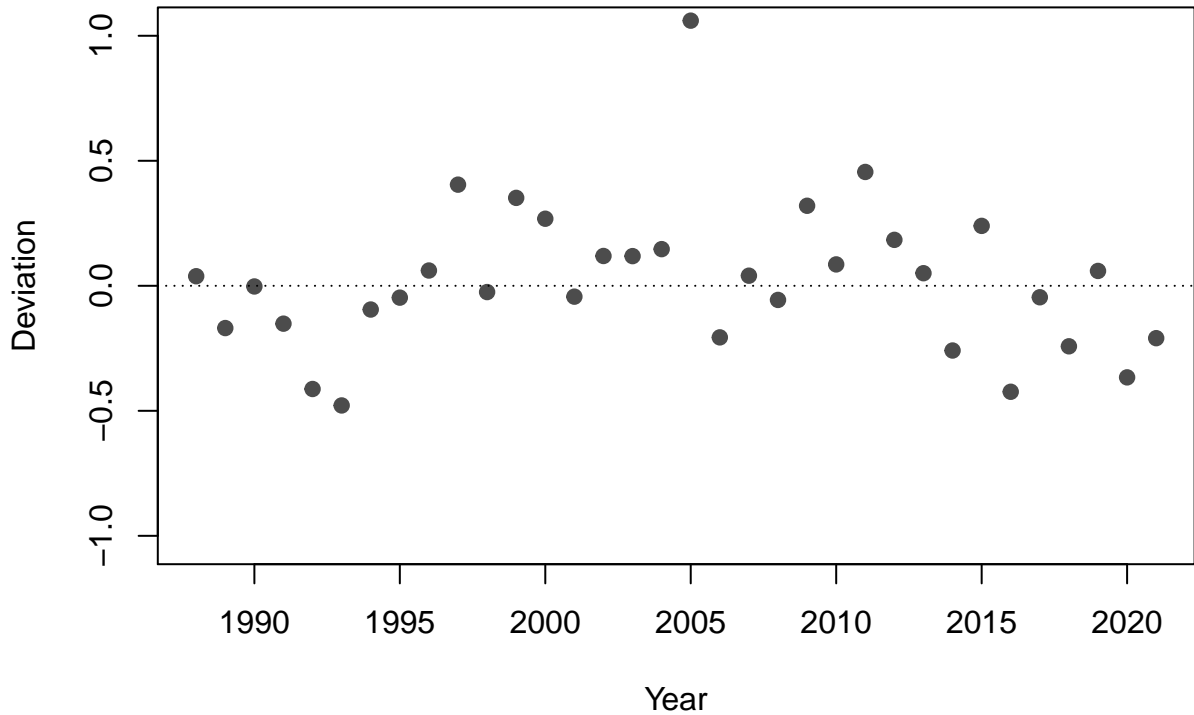
Log index



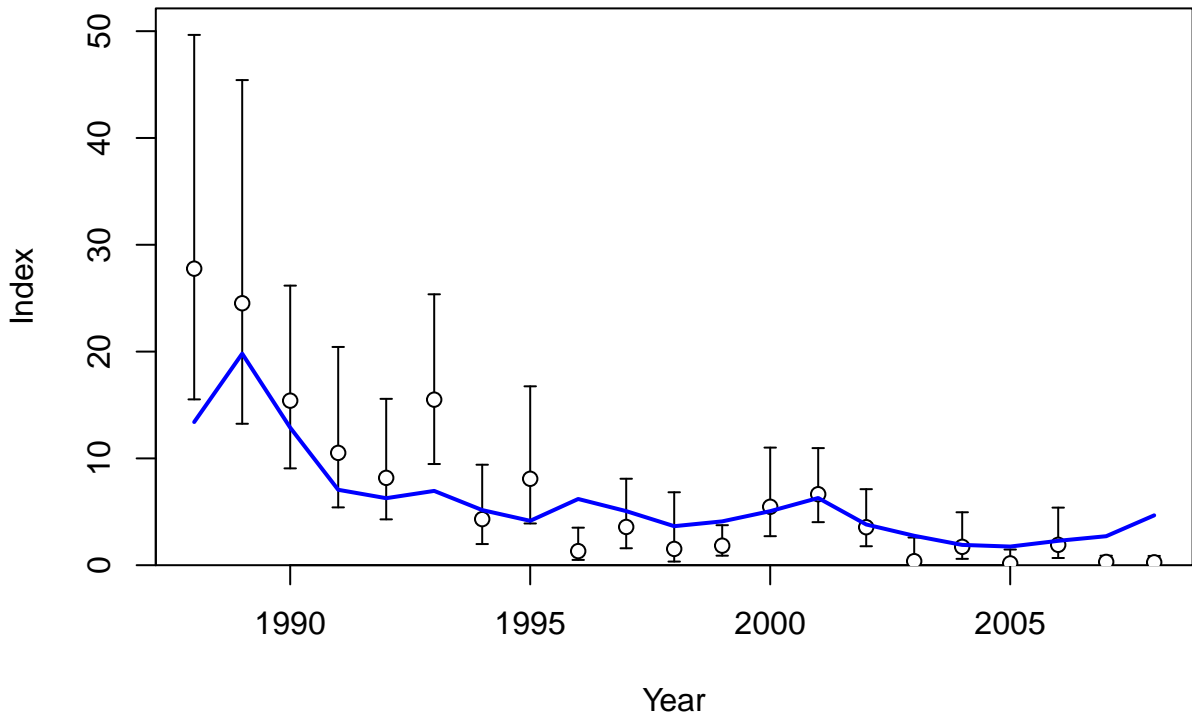


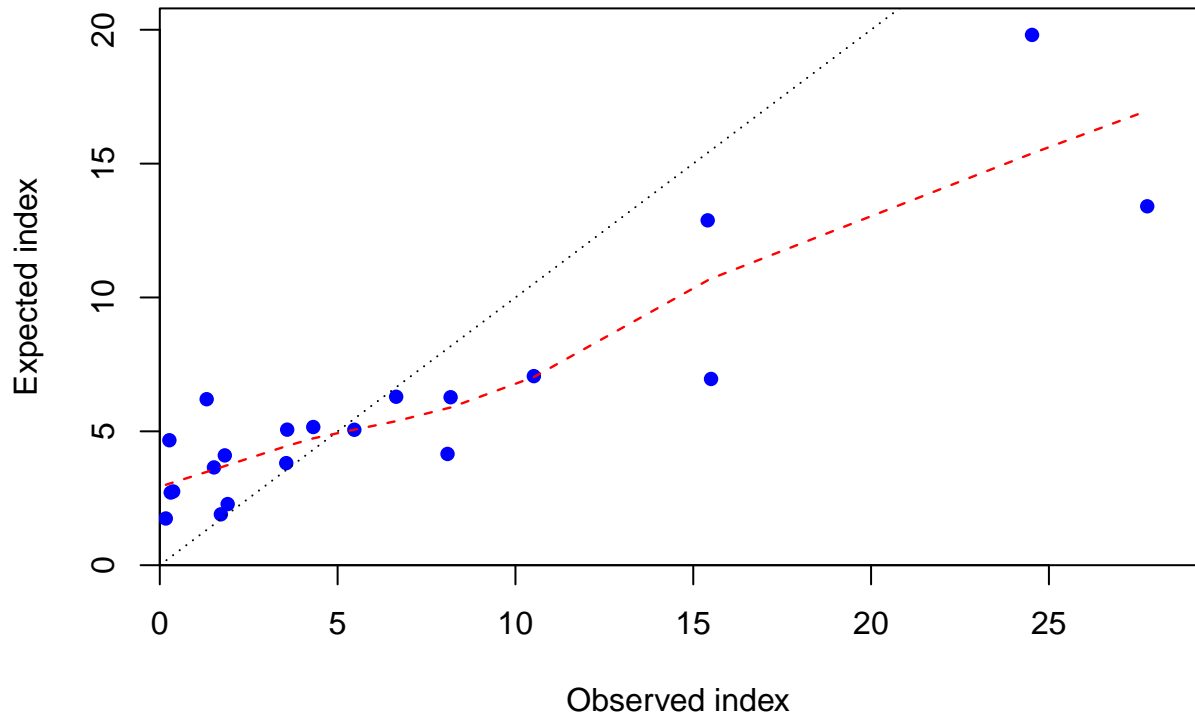




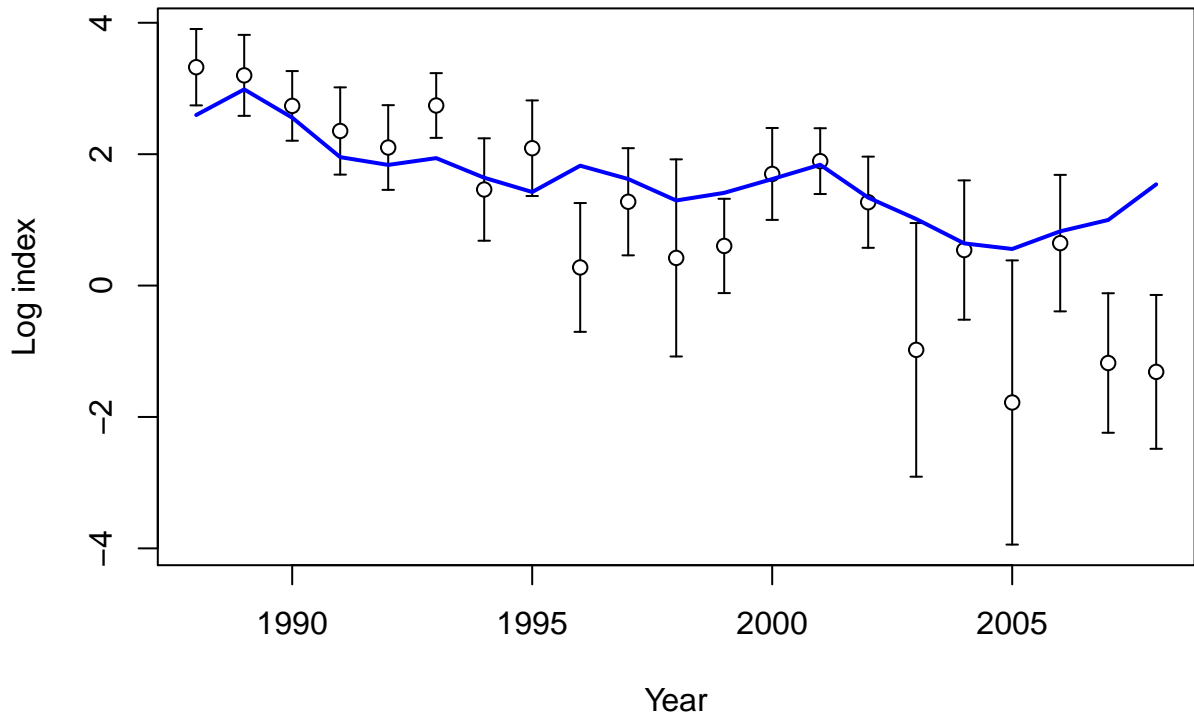


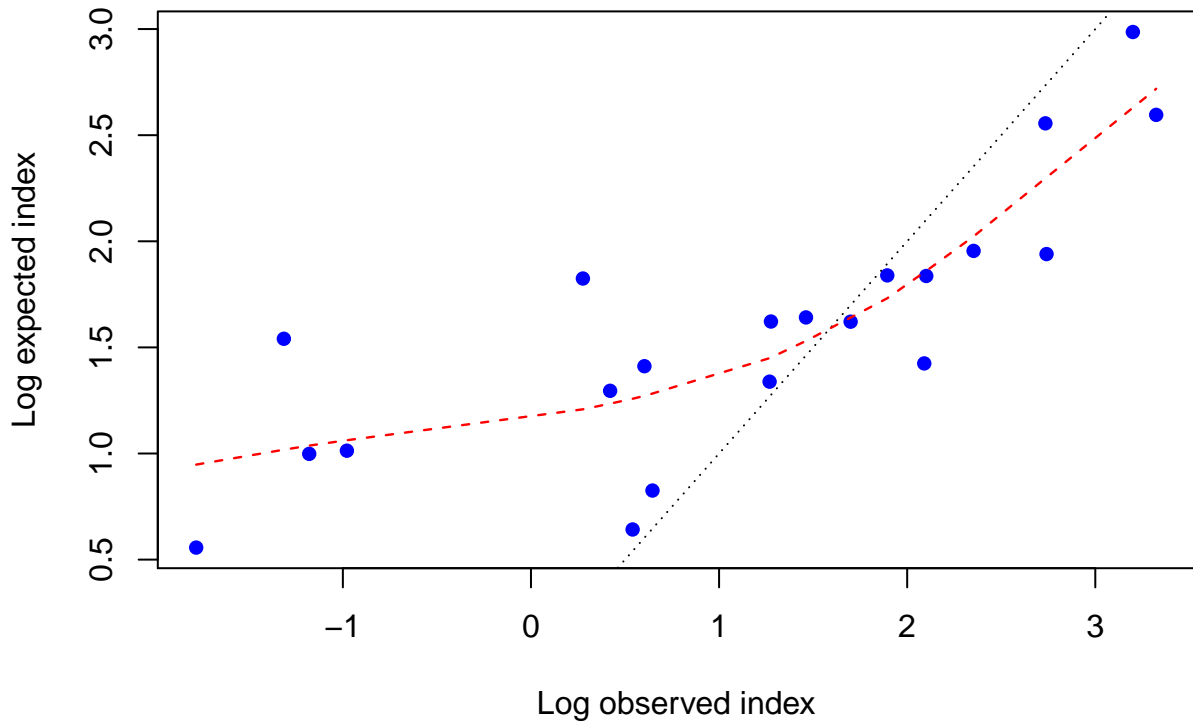


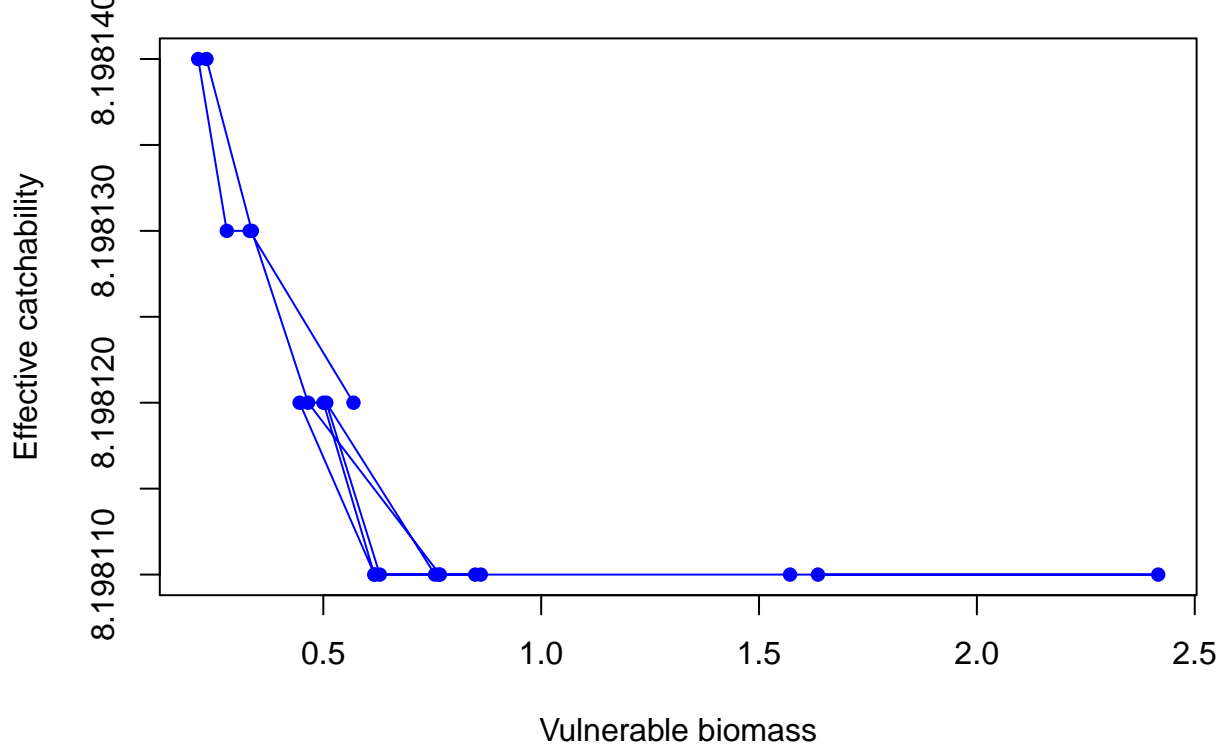


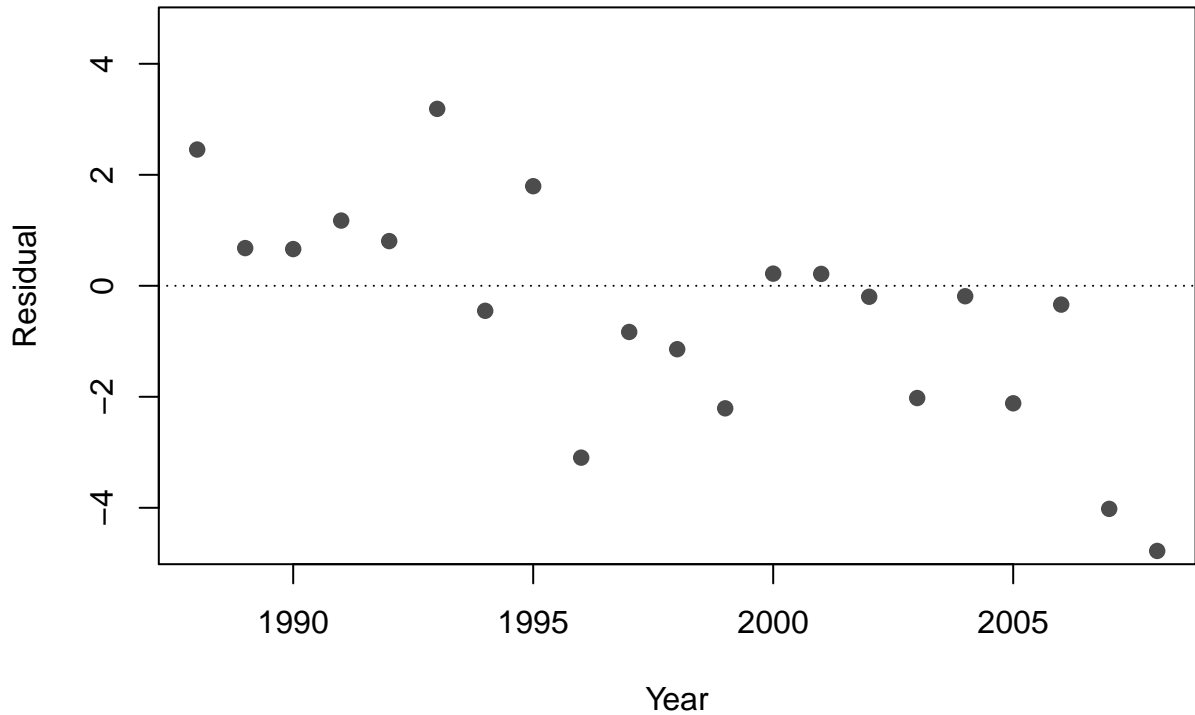


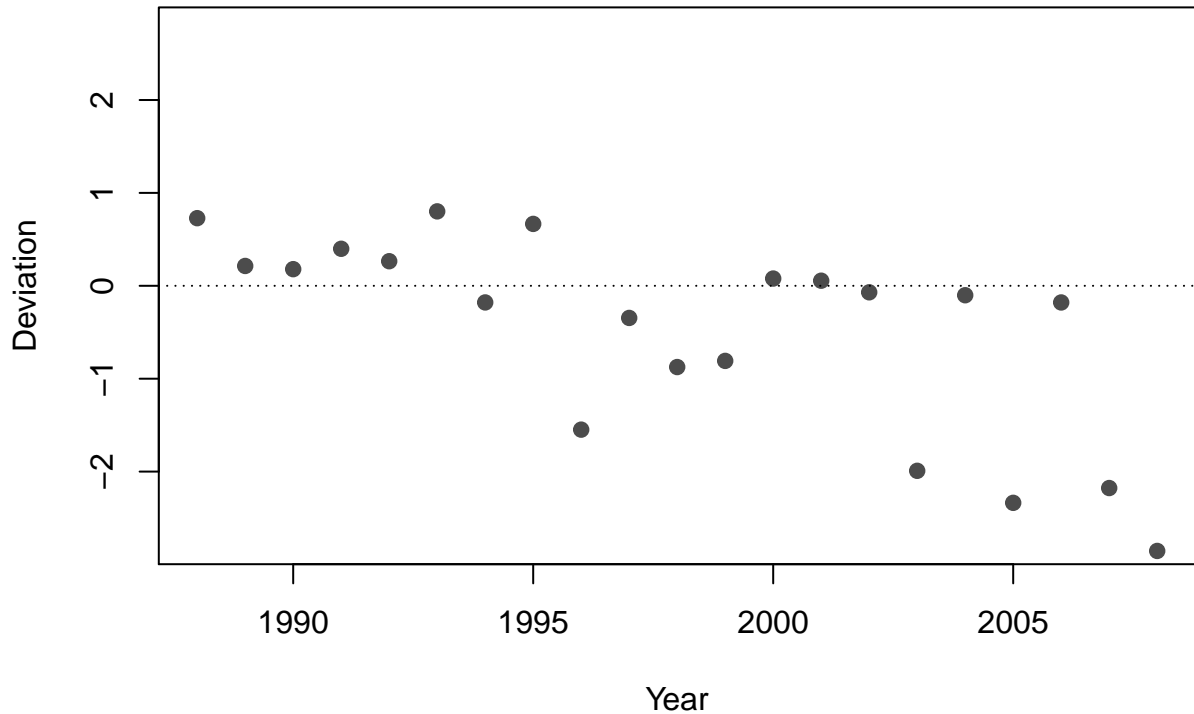






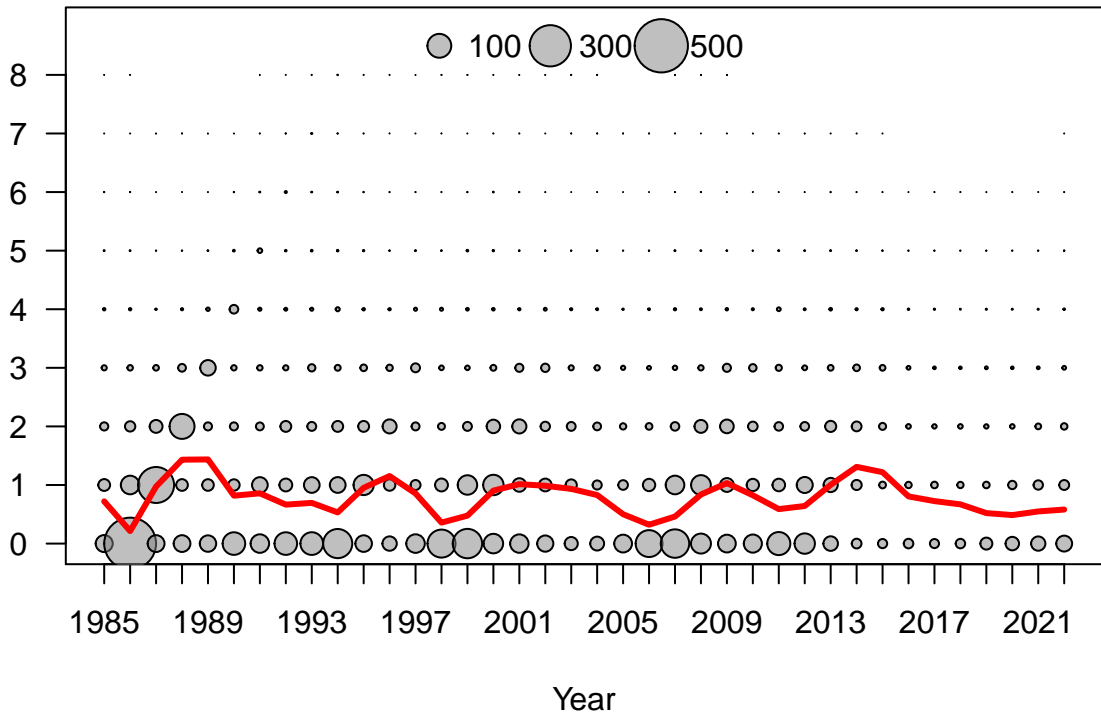




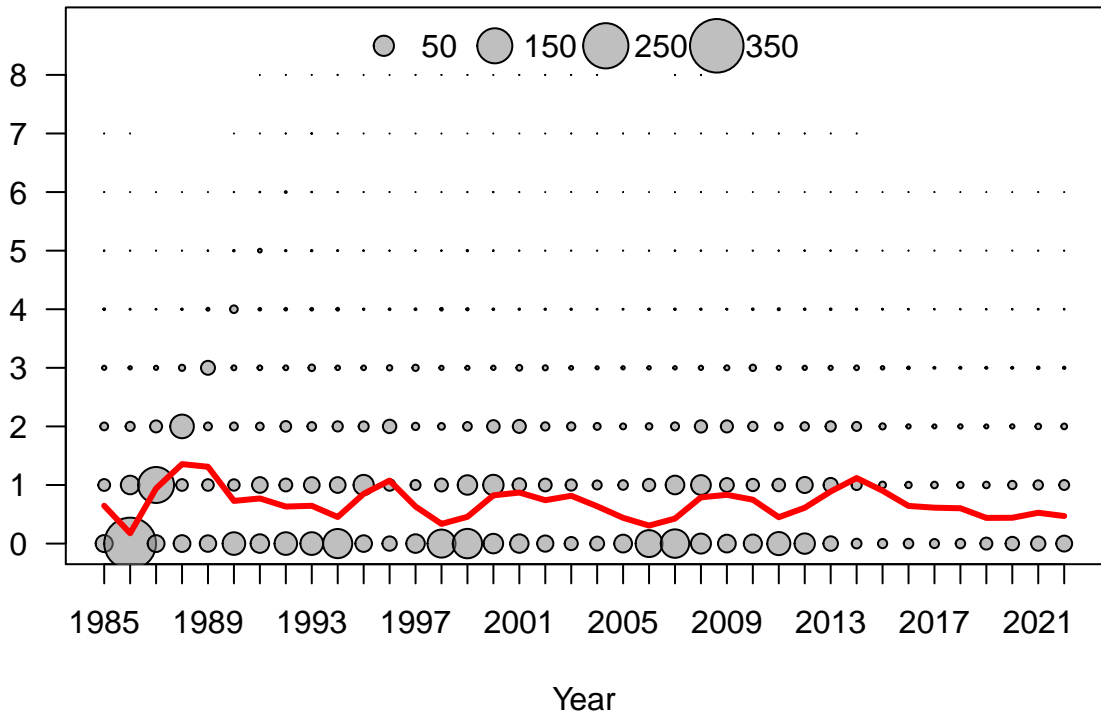


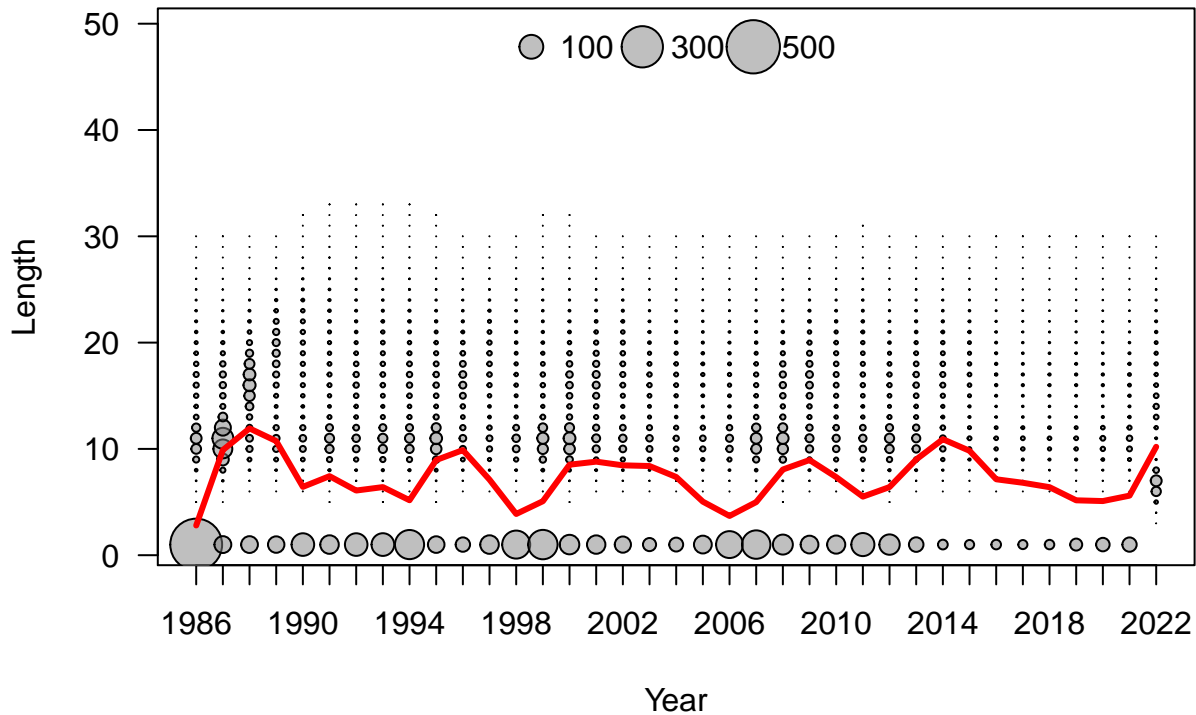


Age



Age



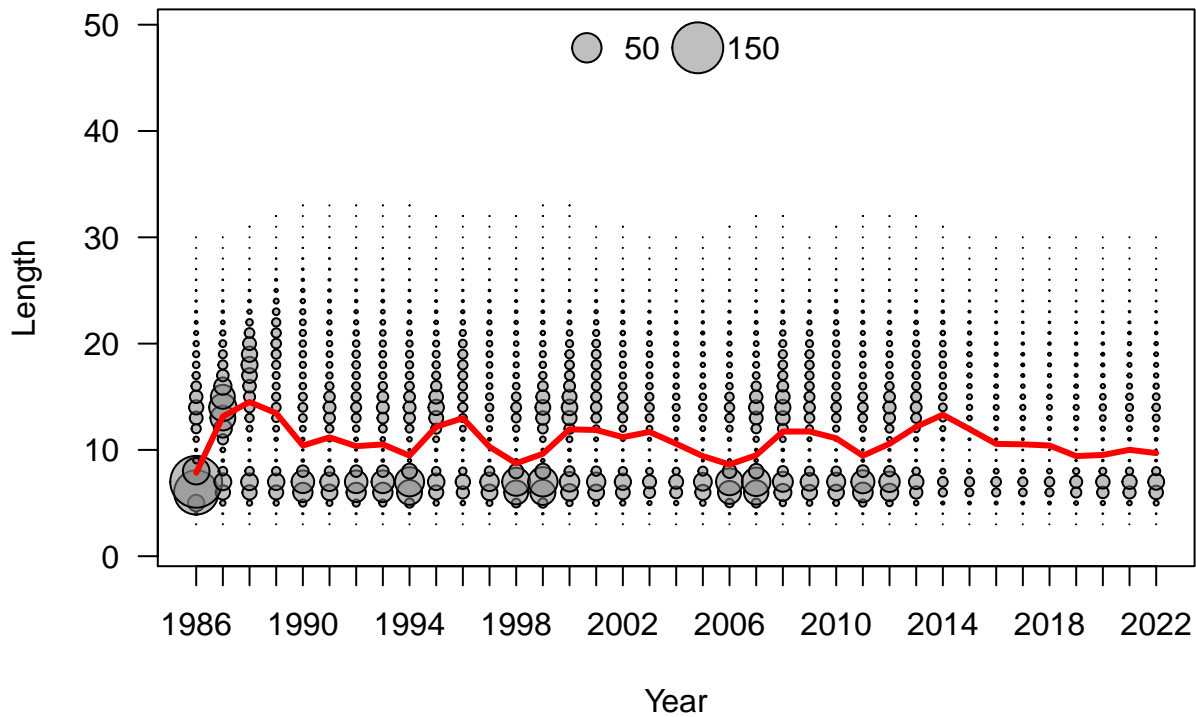


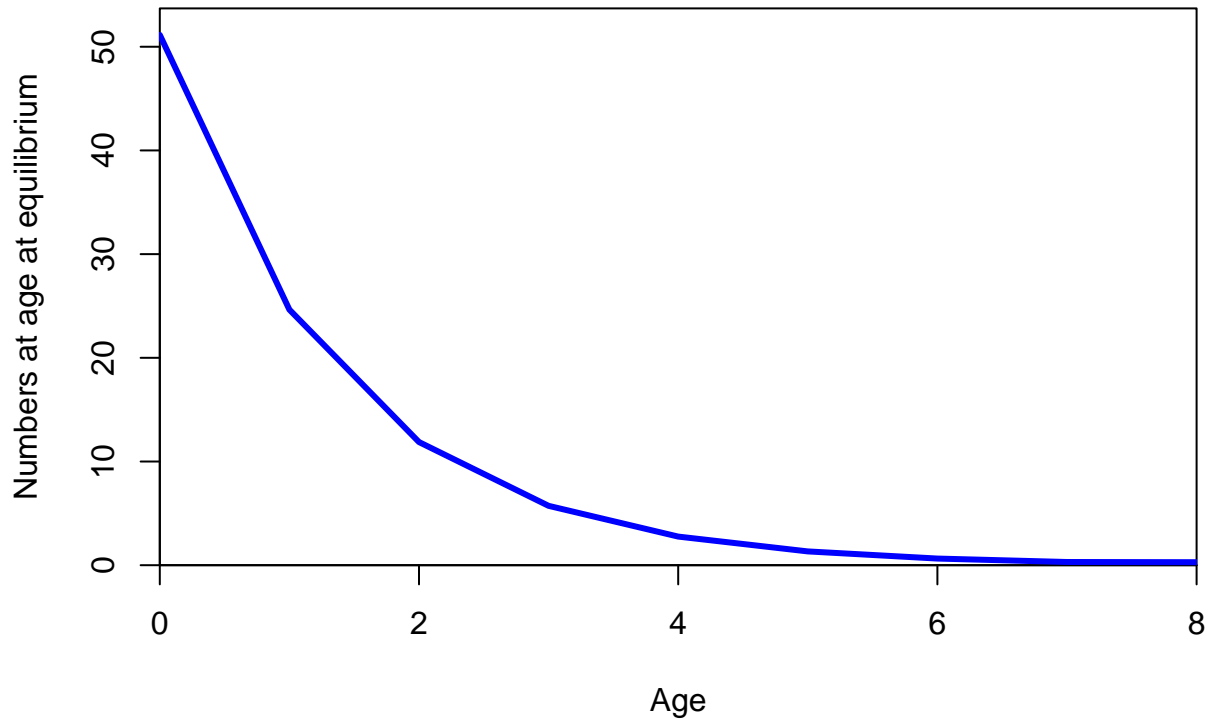
Length

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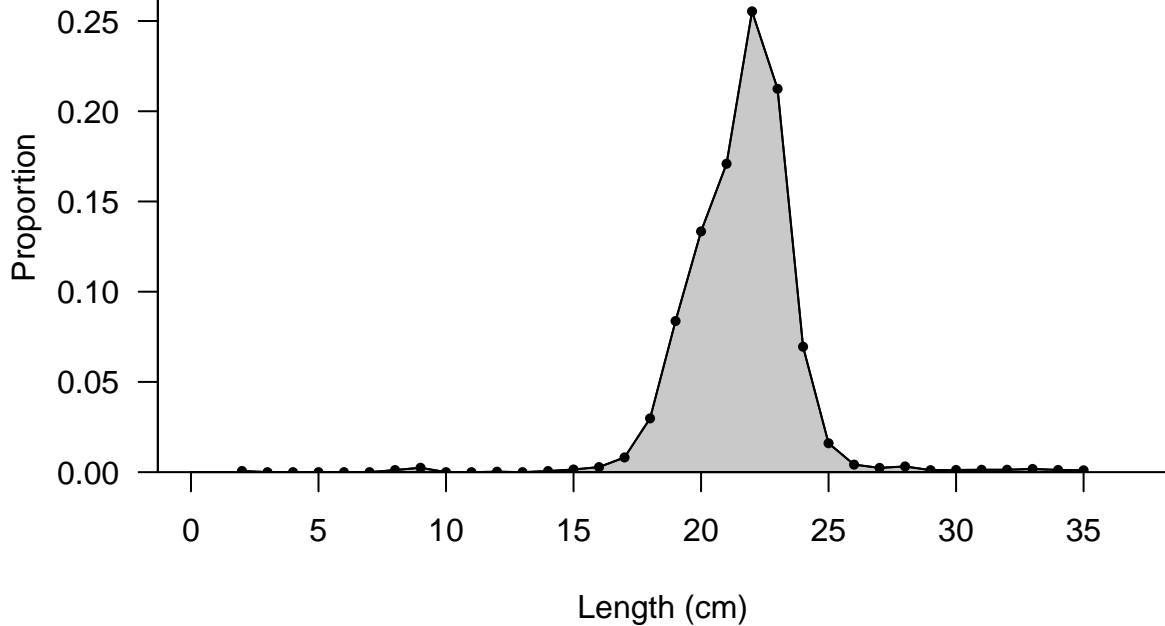
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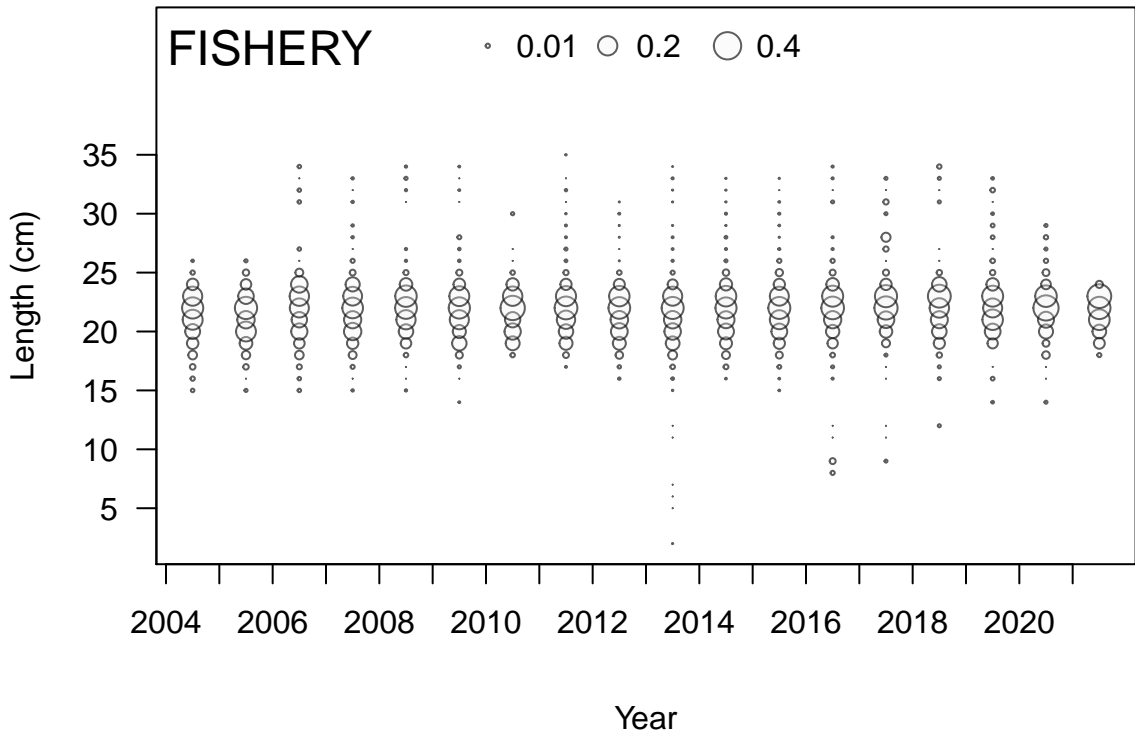


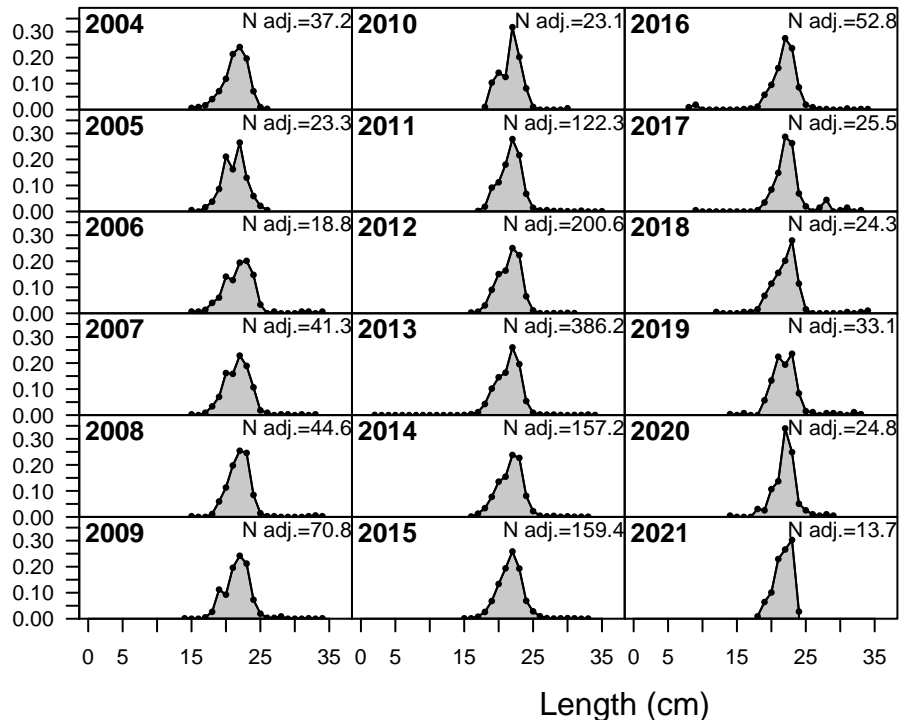


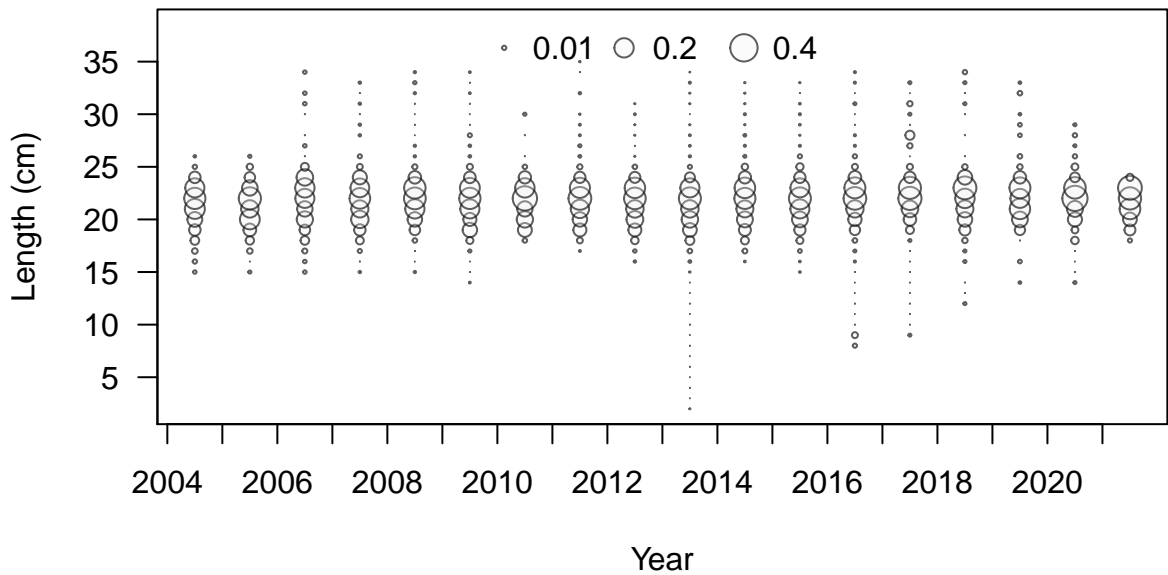
FISHERY

Sum of N adj.=1459.1

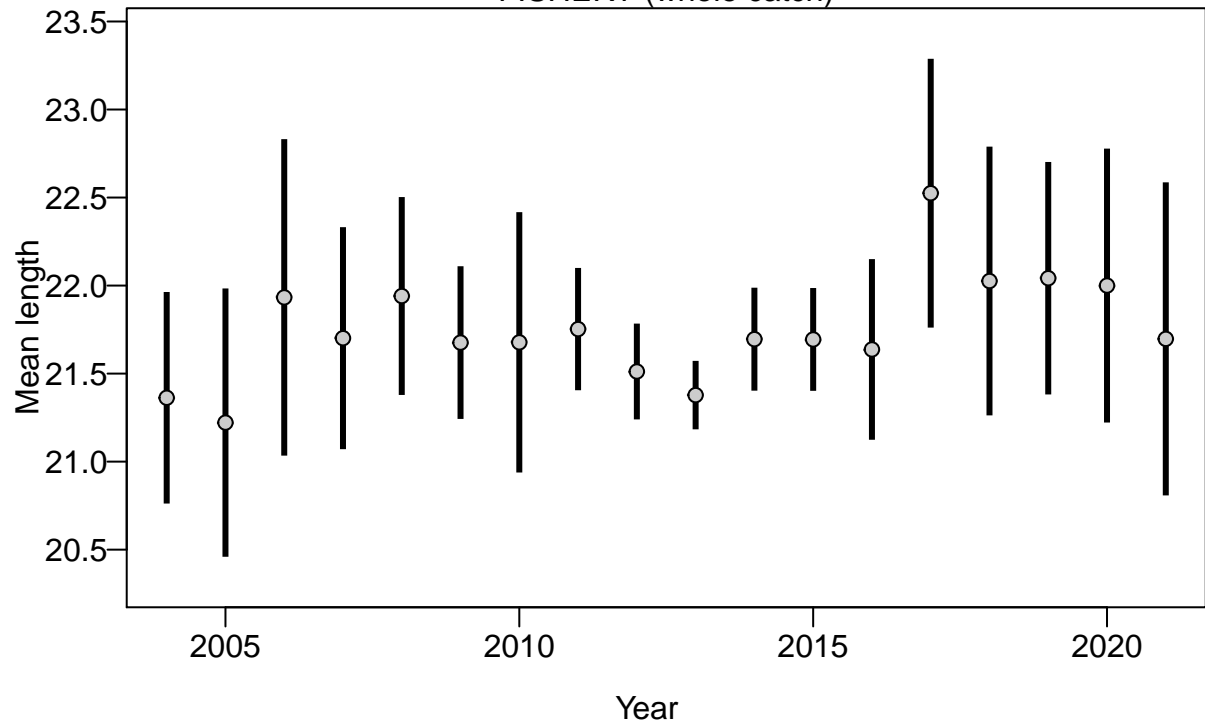


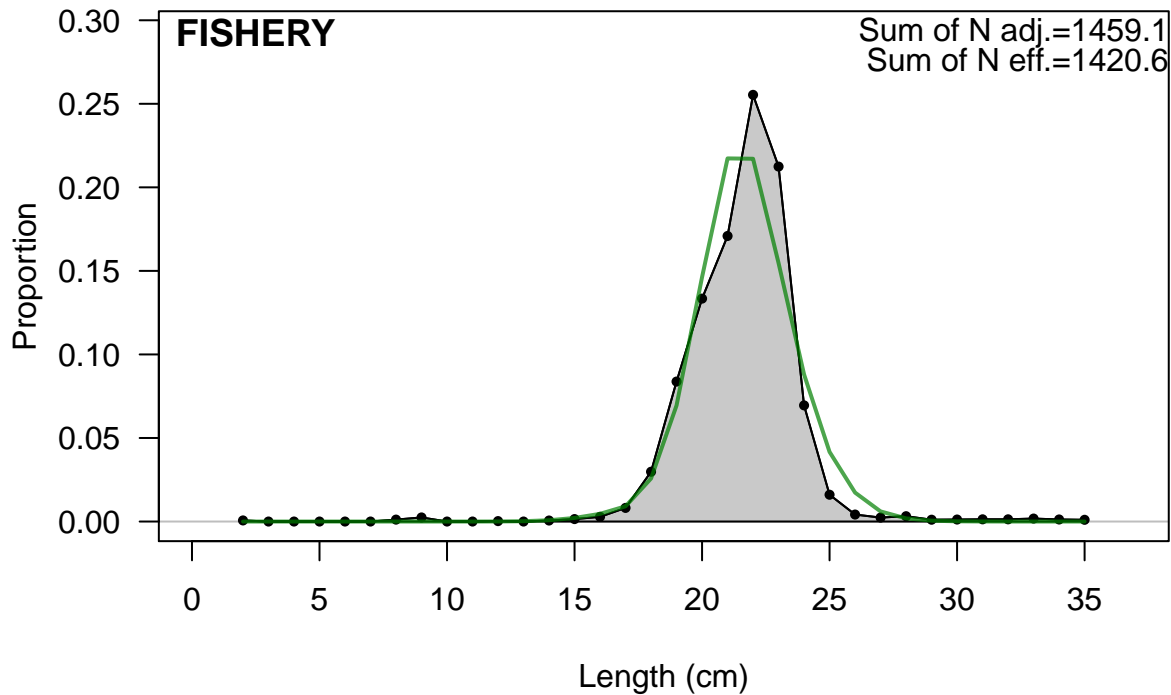


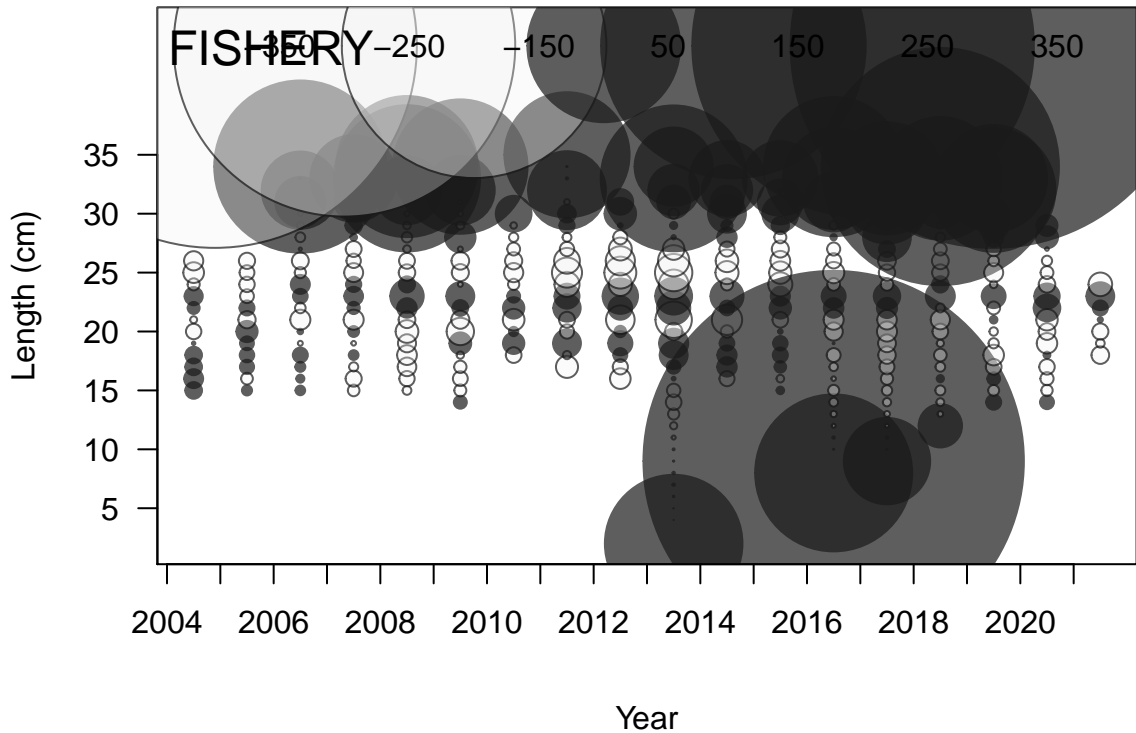


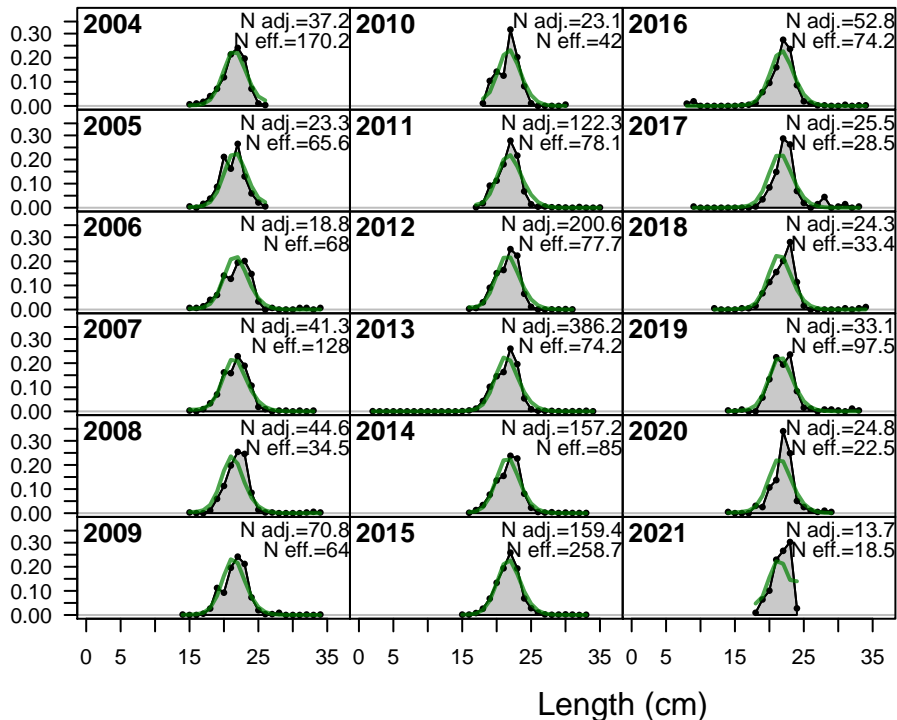


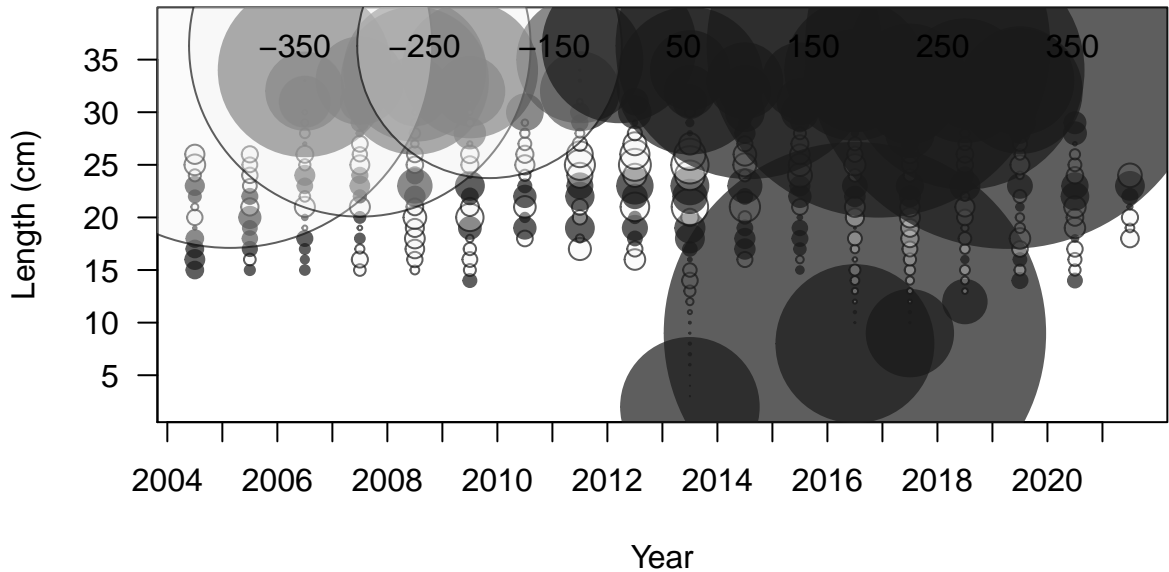
FISHERY (whole catch)



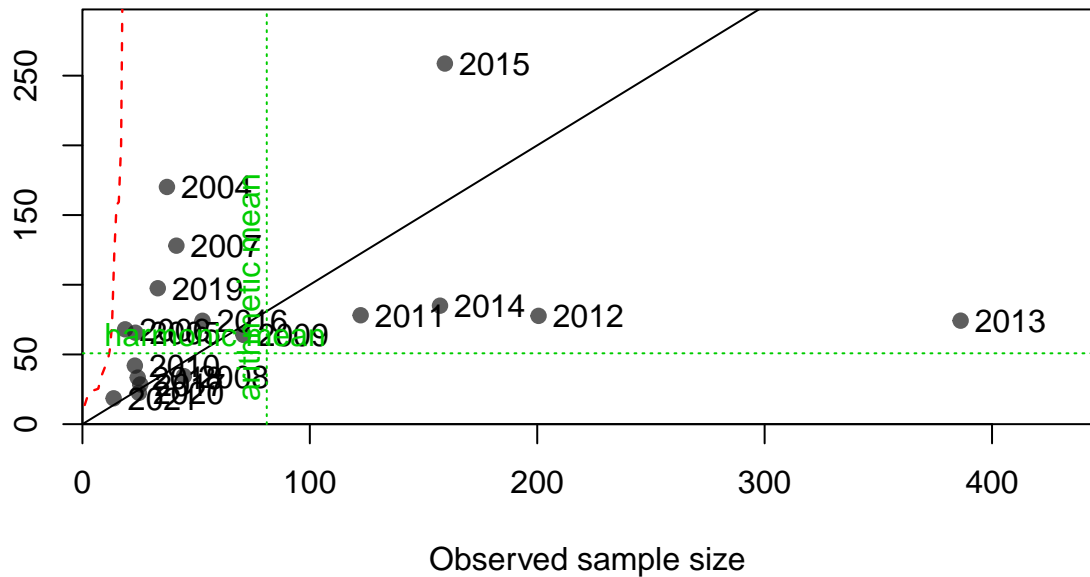




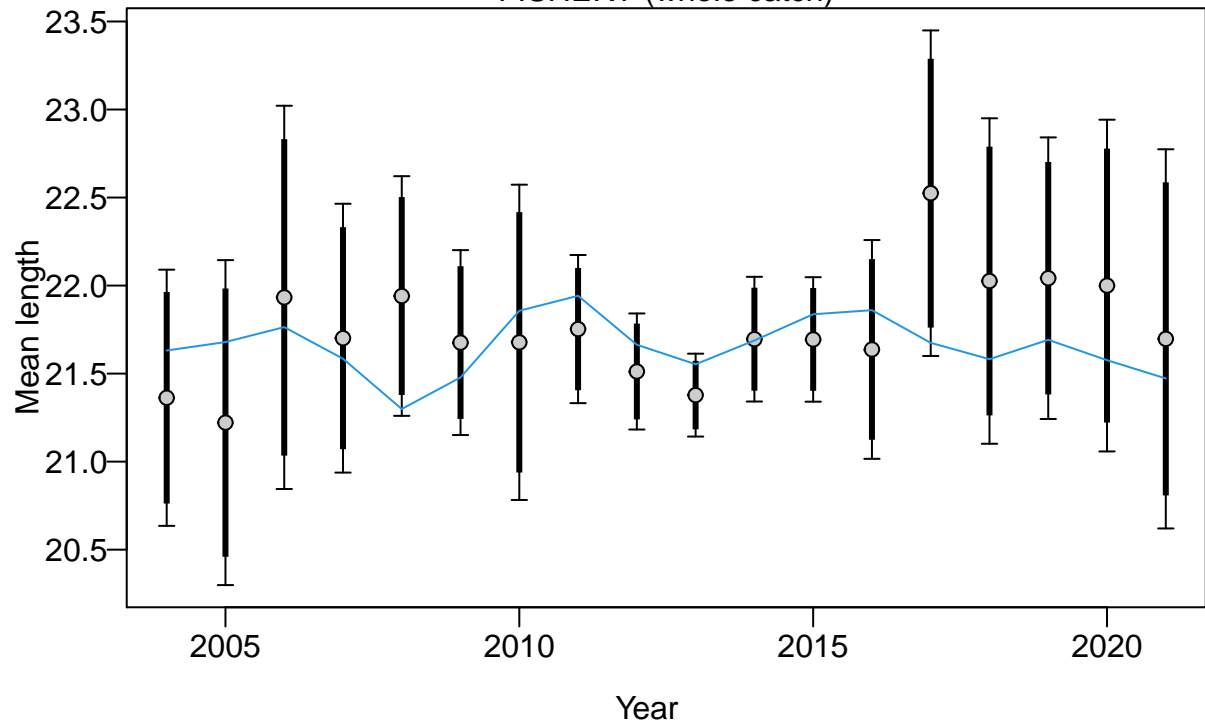


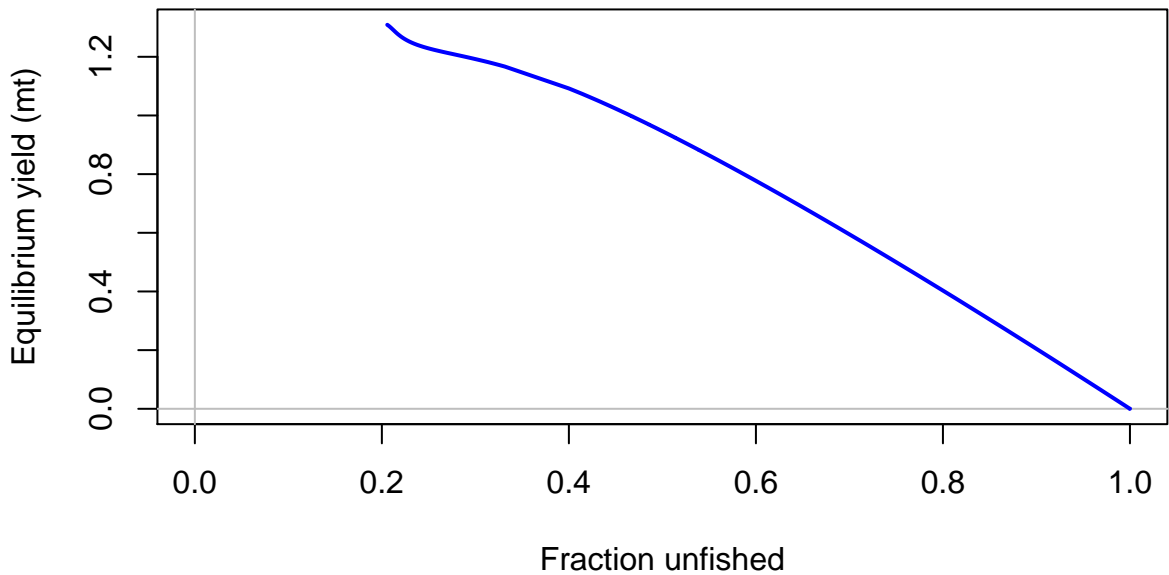


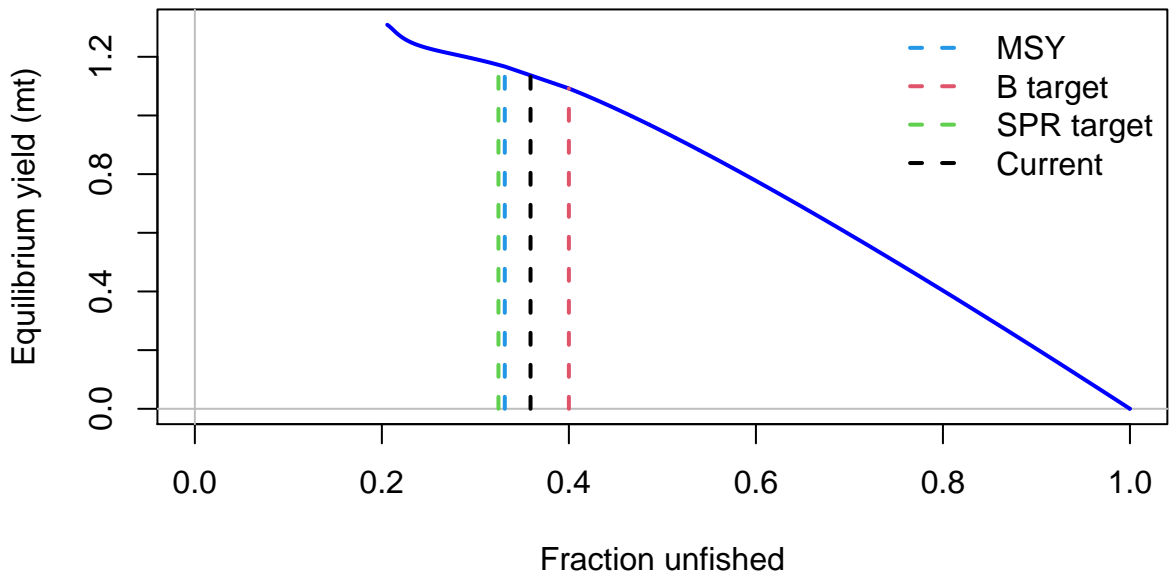
Effective sample size



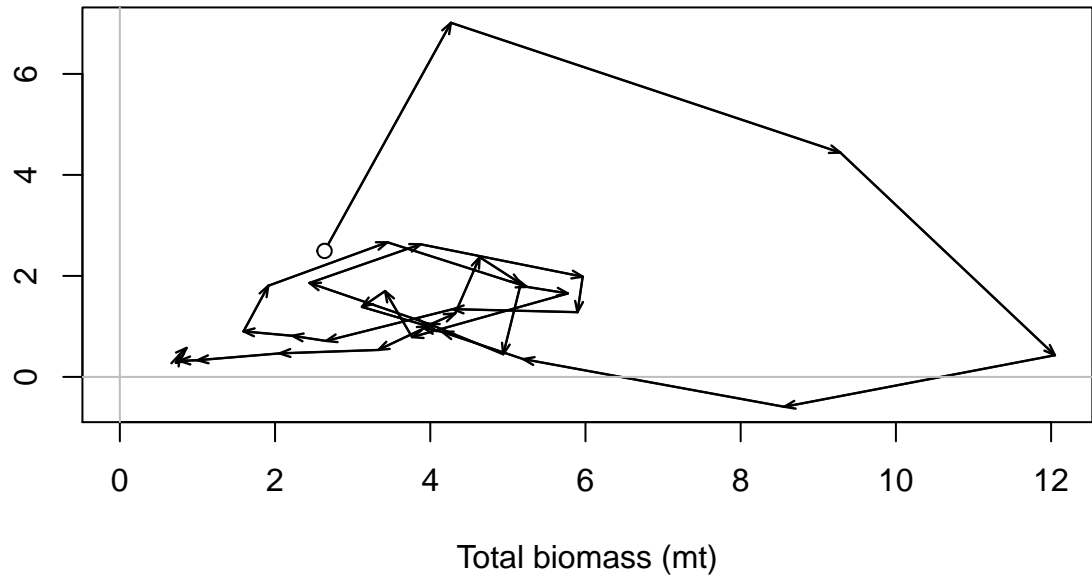
FISHERY (whole catch)

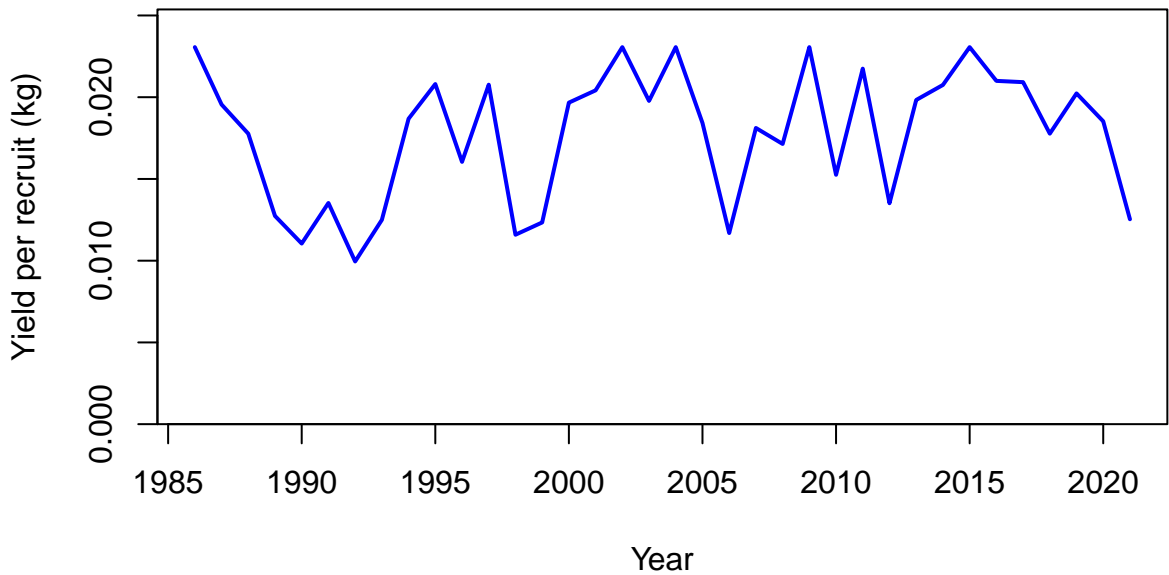


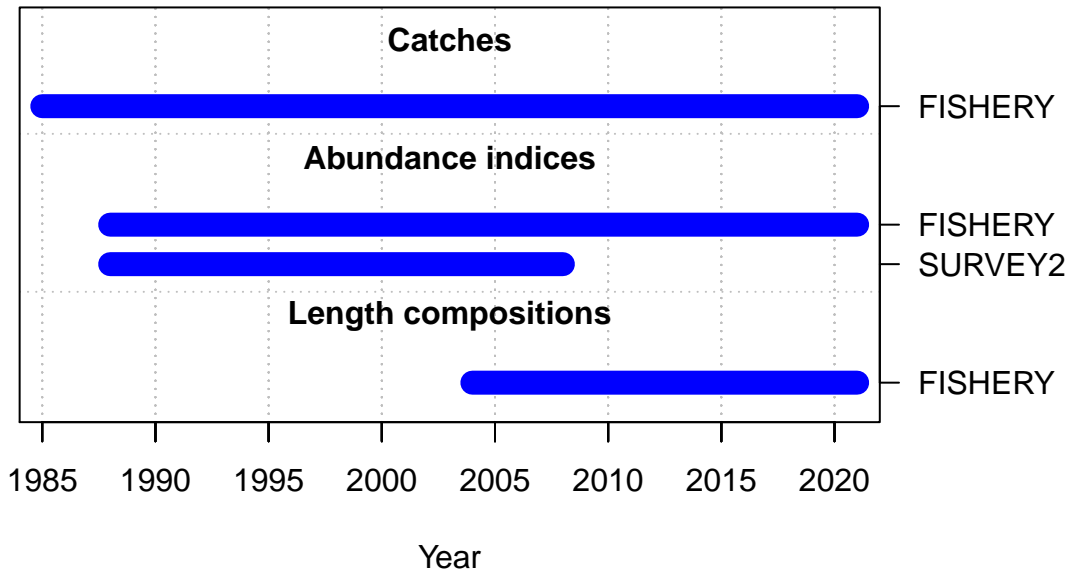


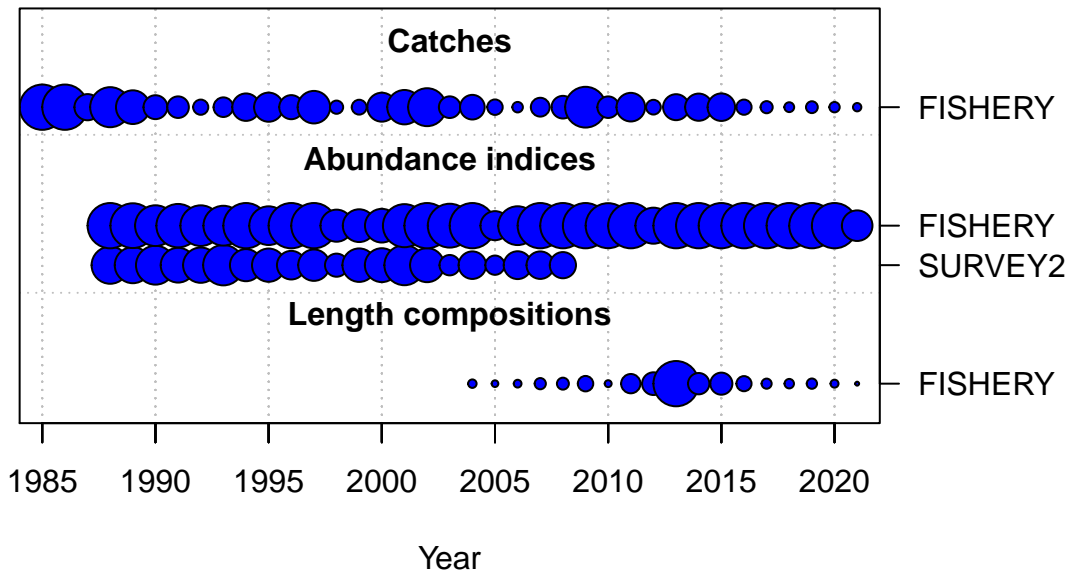


Surplus production (mt)

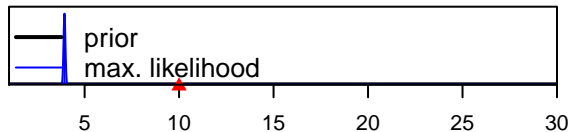




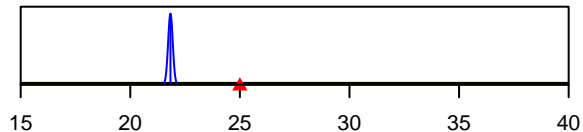




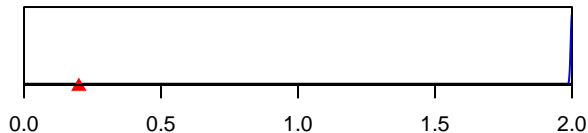
SR_LN(R0)



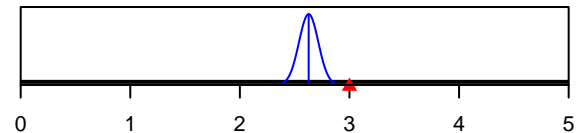
Size_inflection_FISHERY(1)



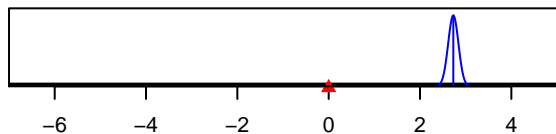
InitF_seas_1flt_1FISHERY



Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)

