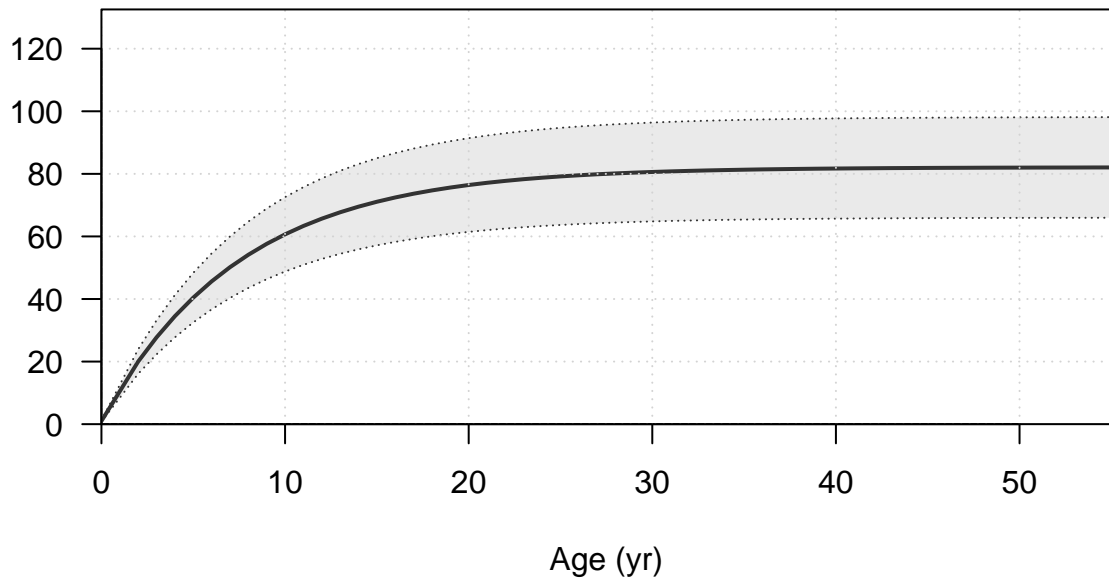
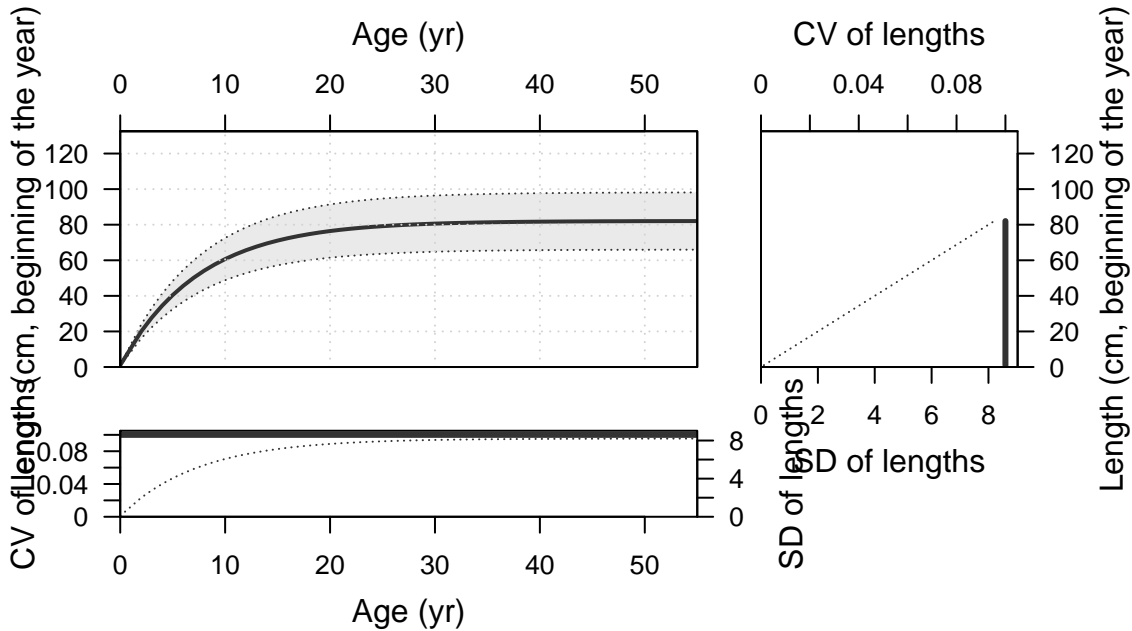
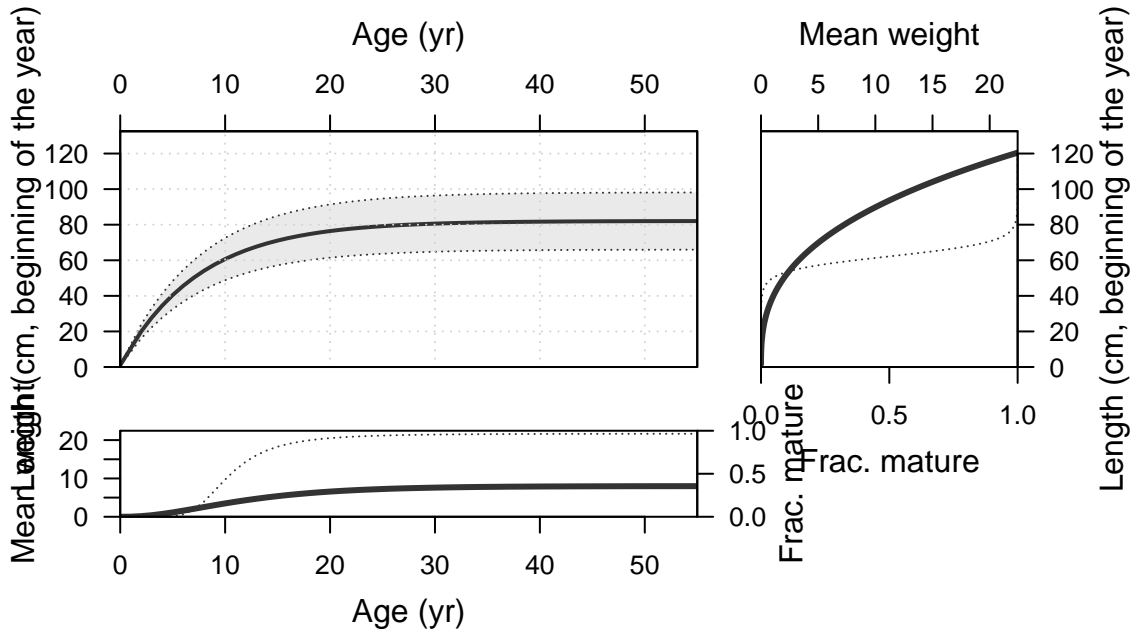


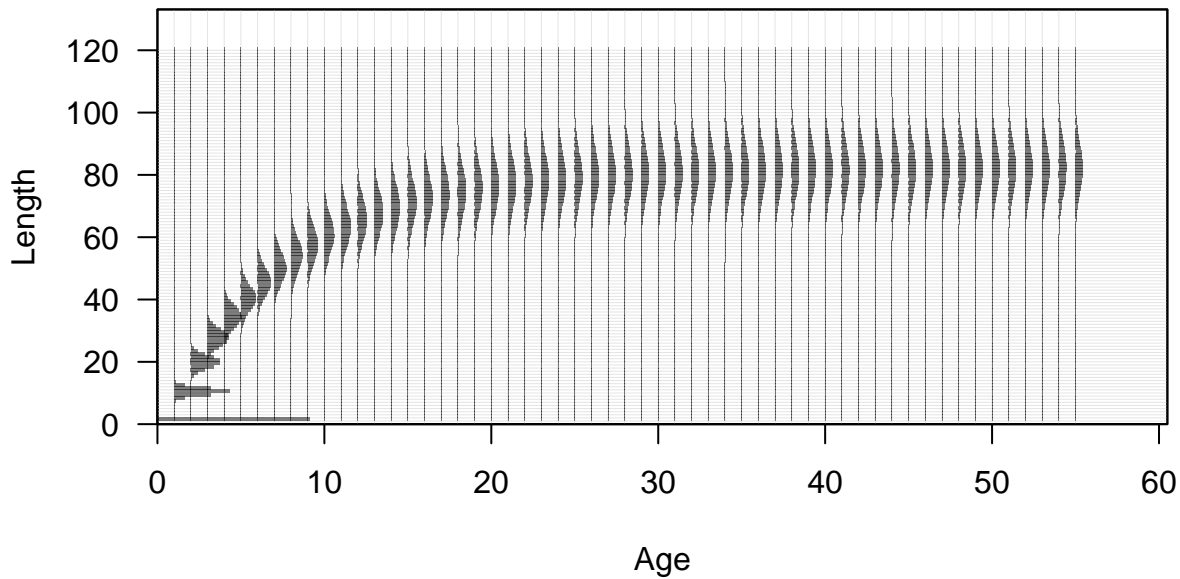
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Wed Jul 06 14:24:41 2022
Data_File: data.ss
Control_File: control.ss

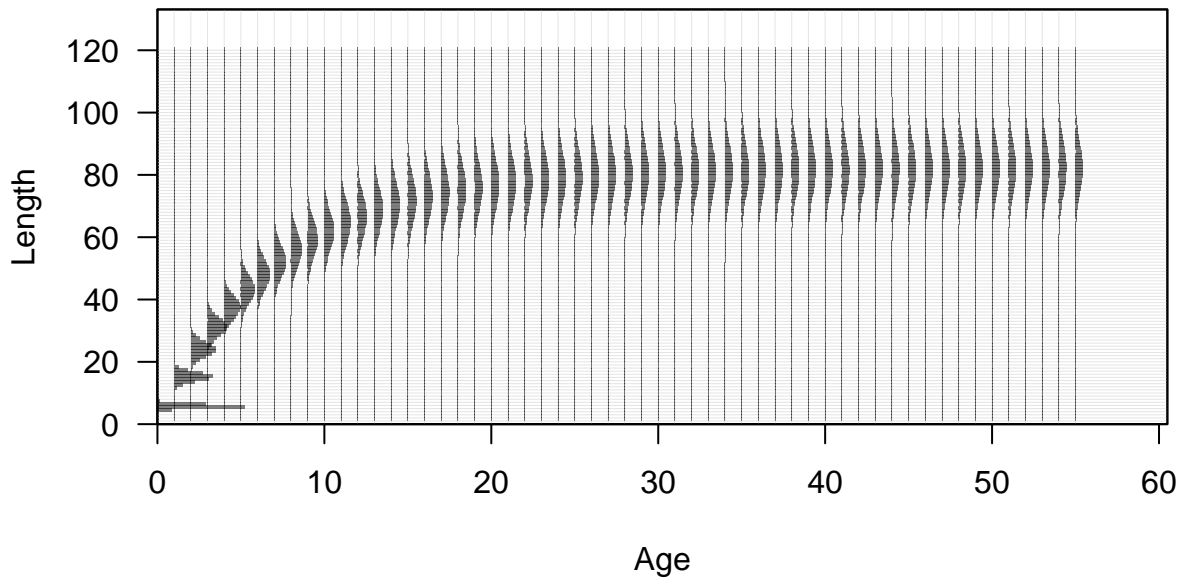
Length (cm, beginning of the year)



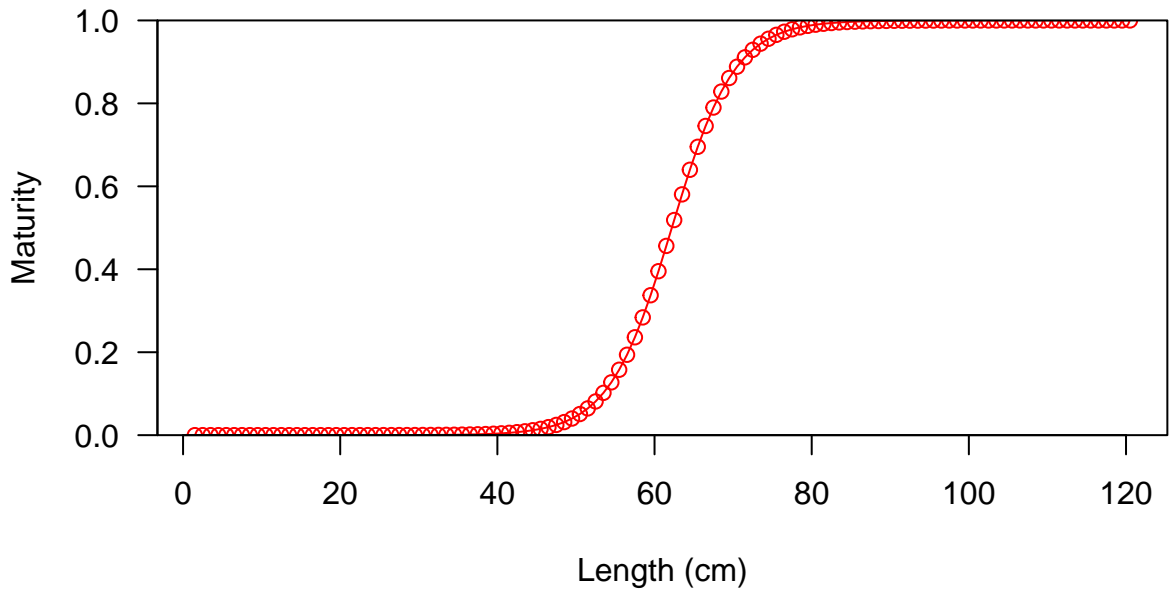














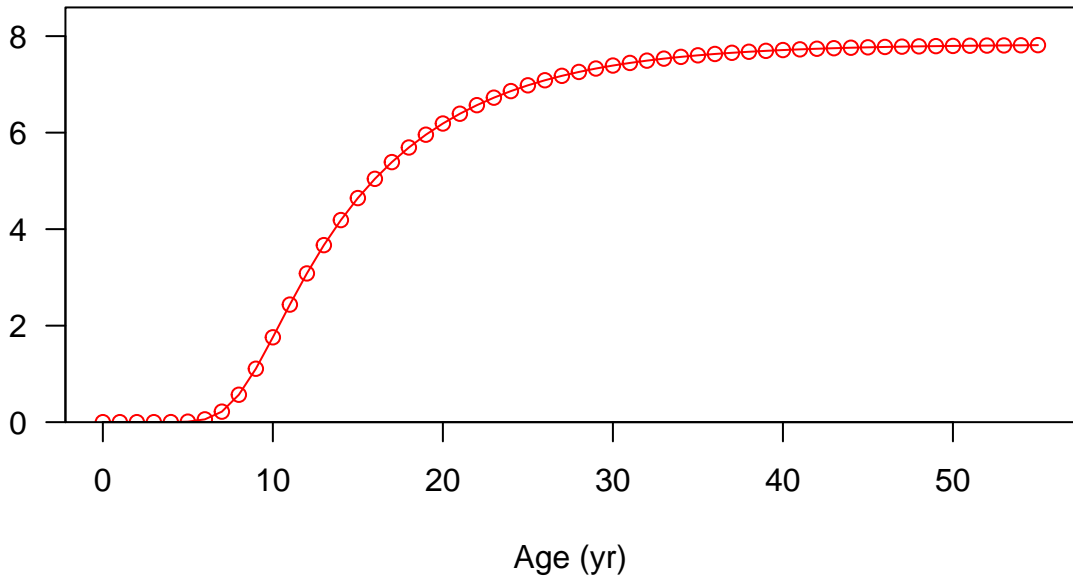


Fecundity

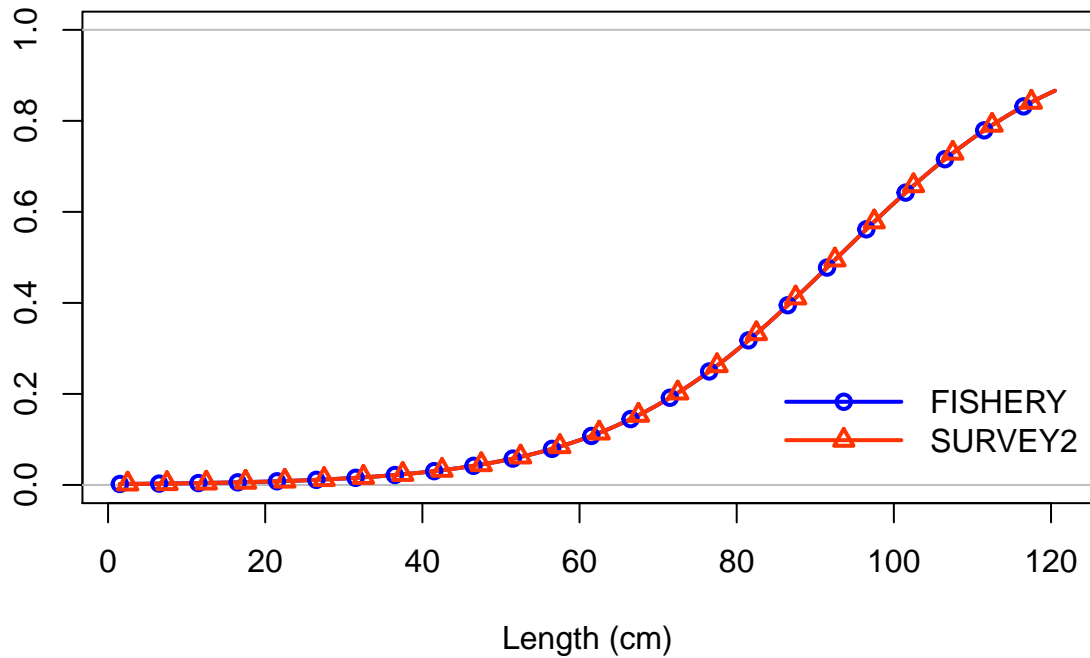




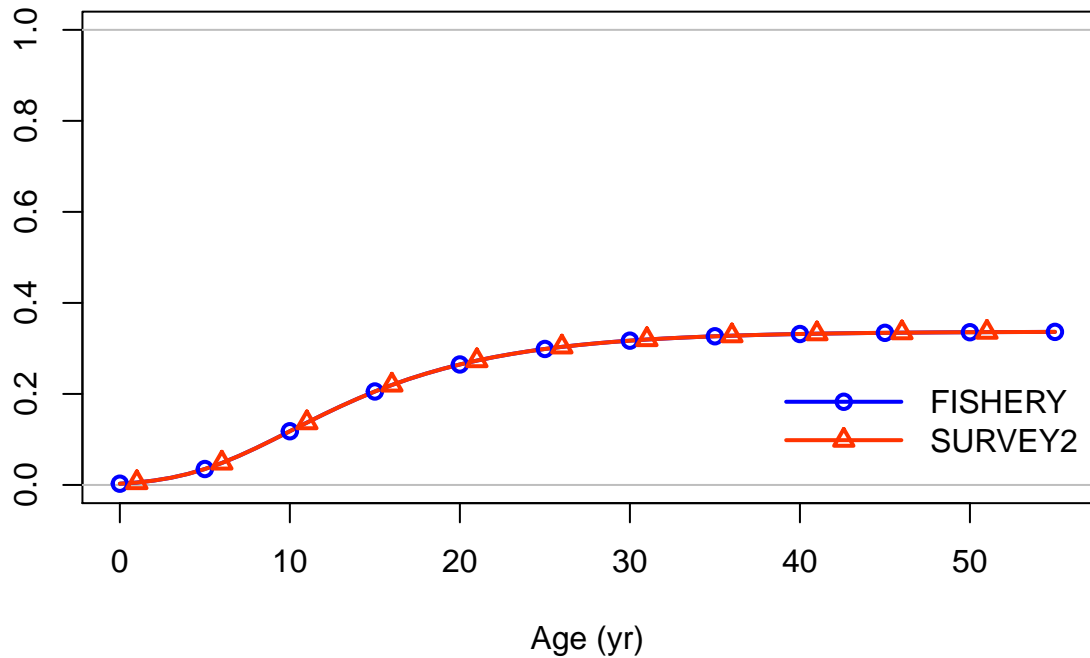
Spawning output

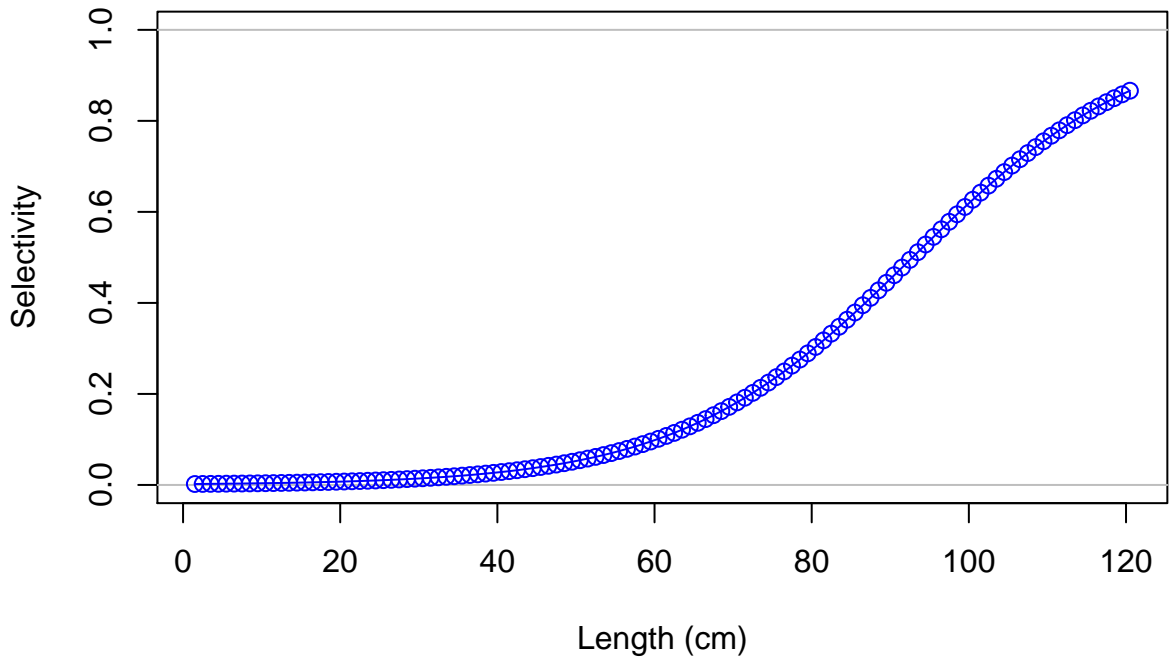


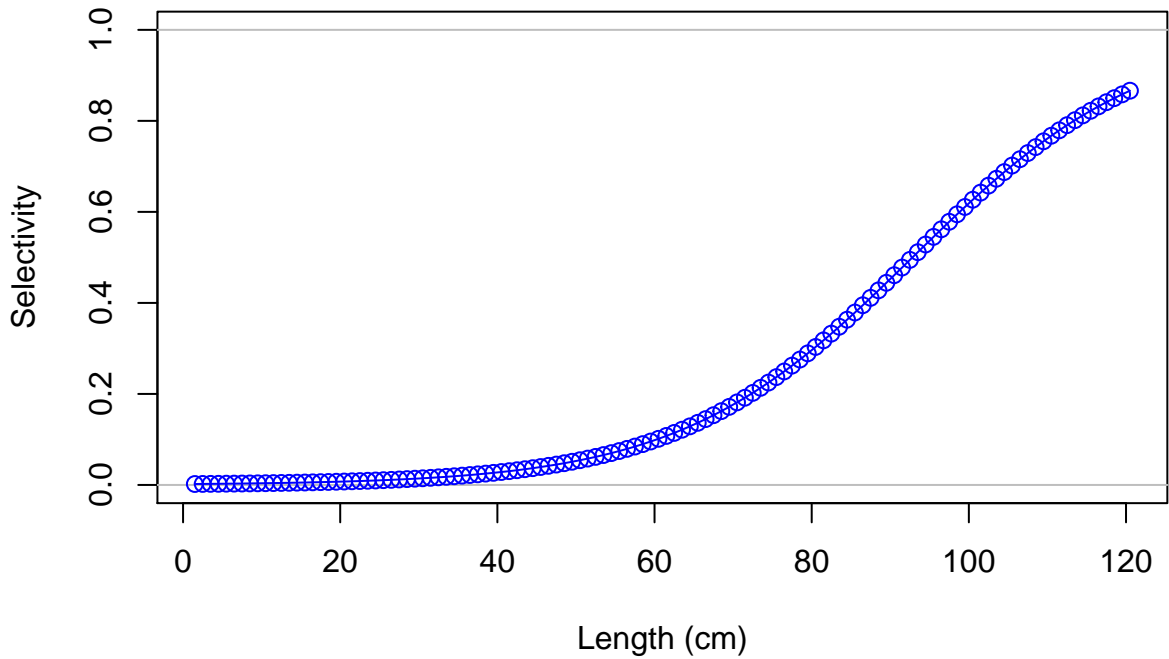
Selectivity

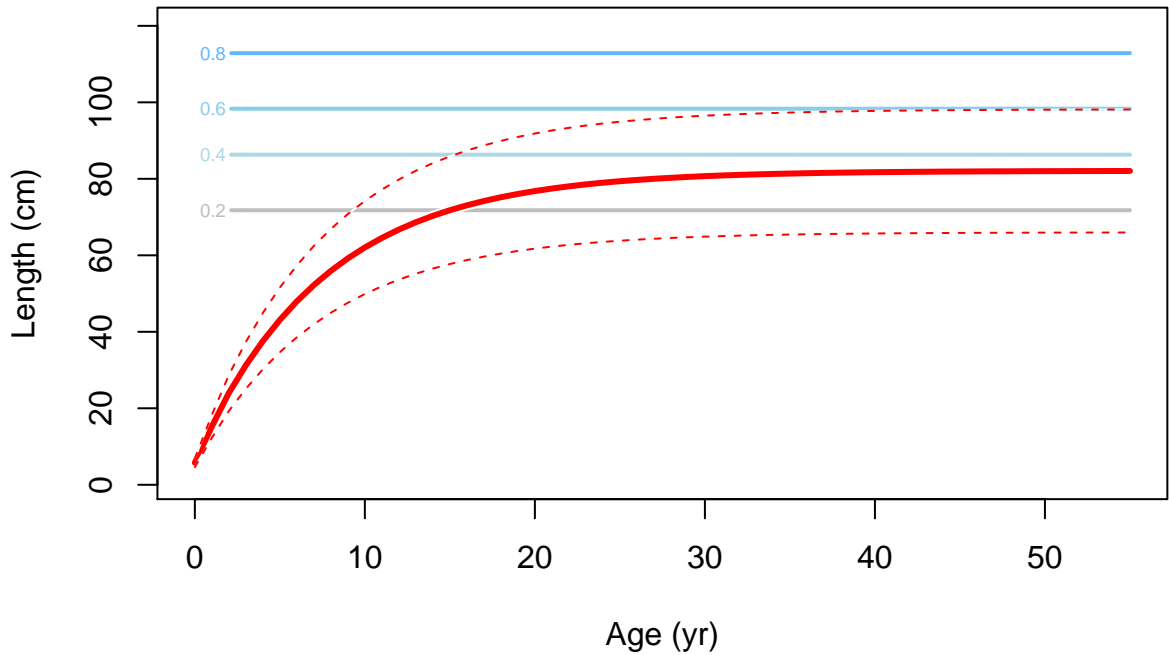


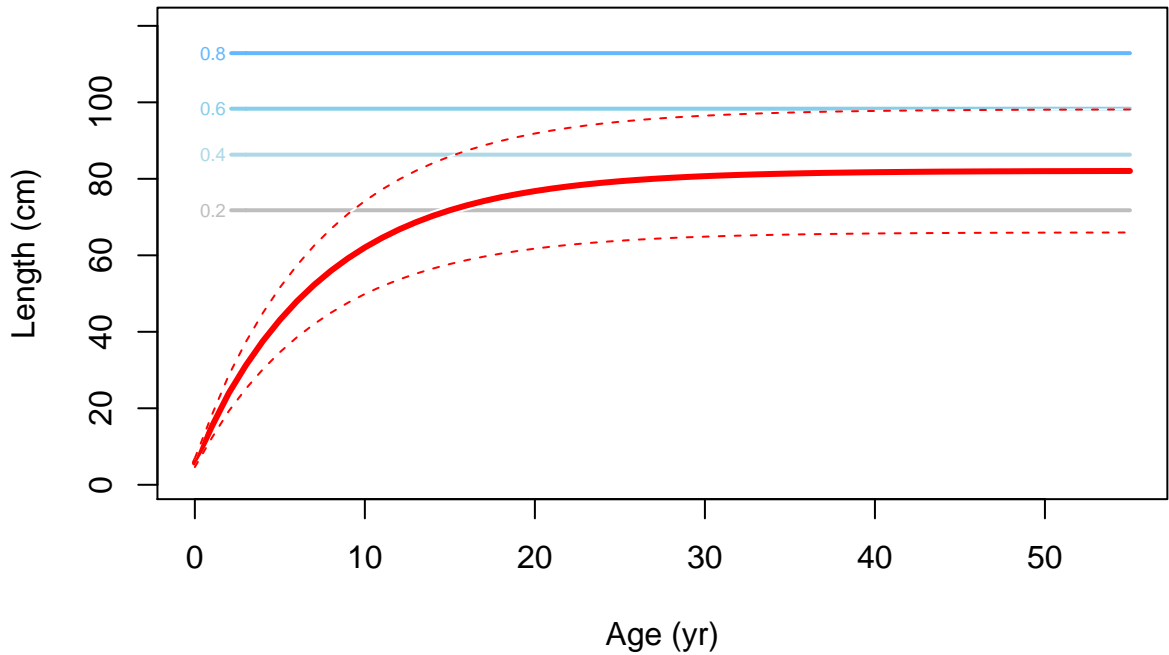
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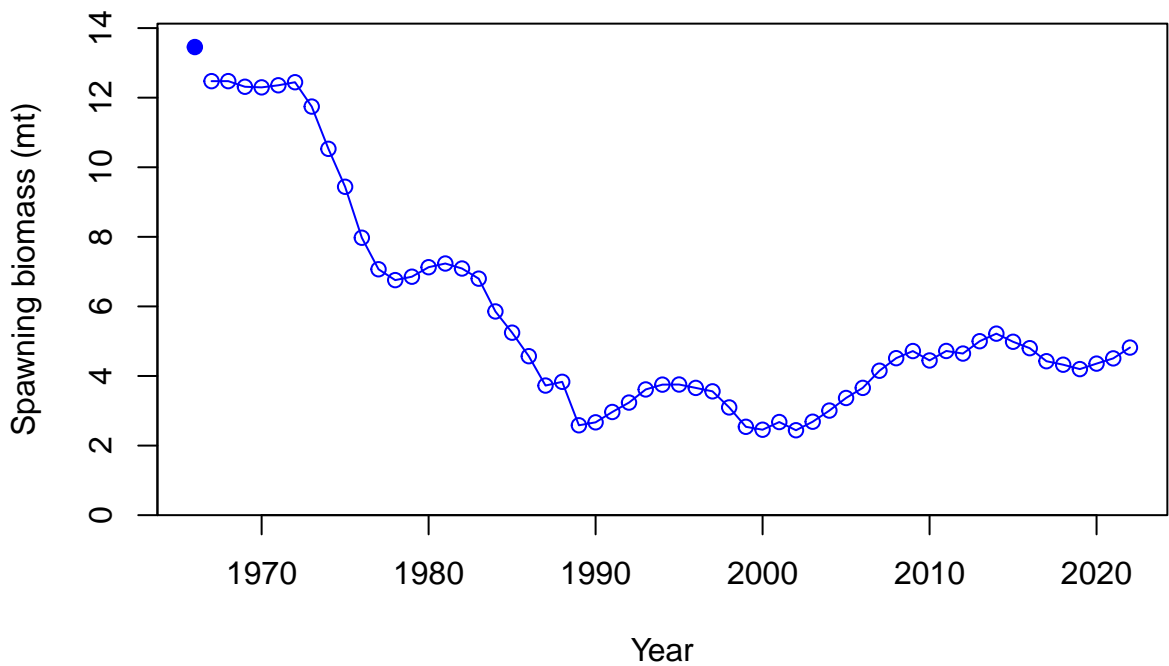




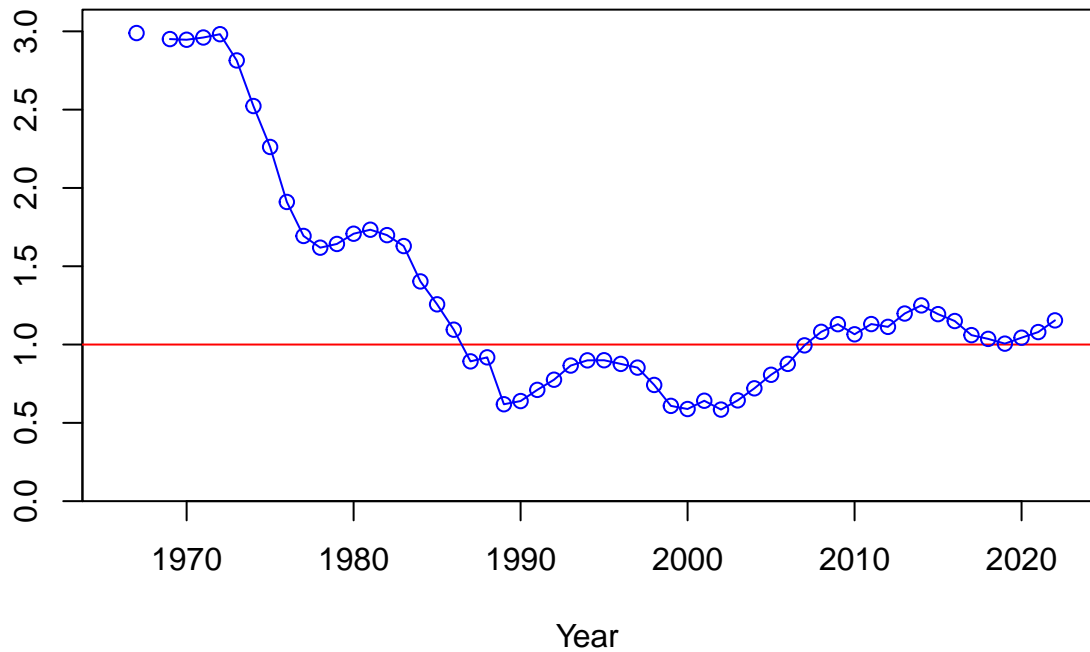


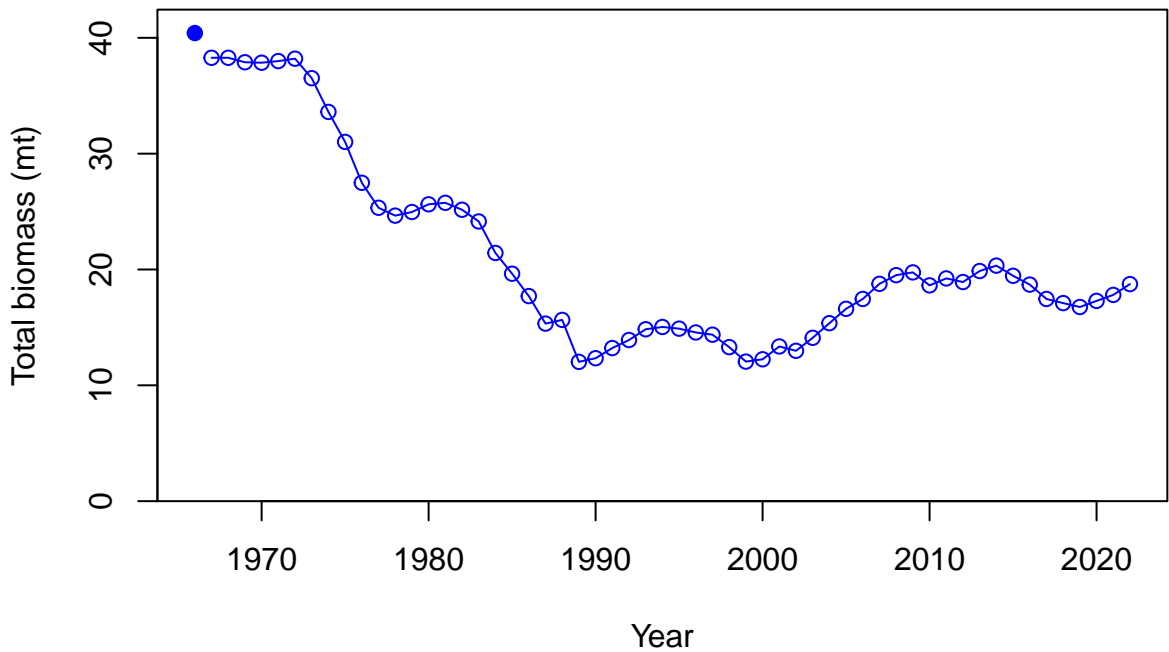


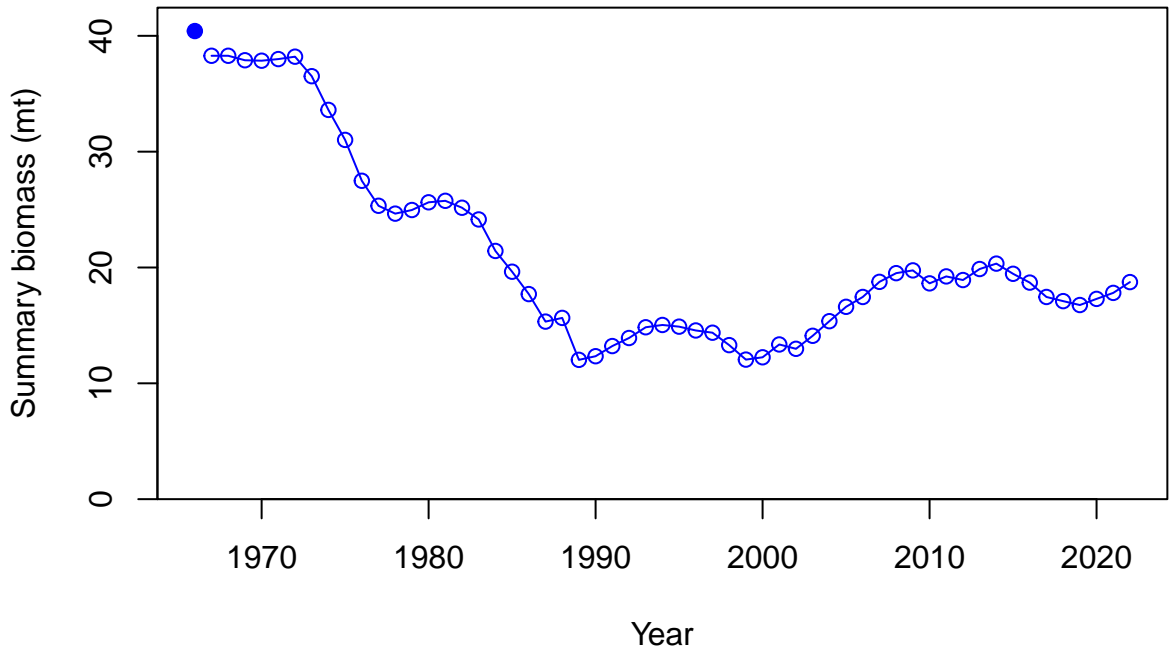




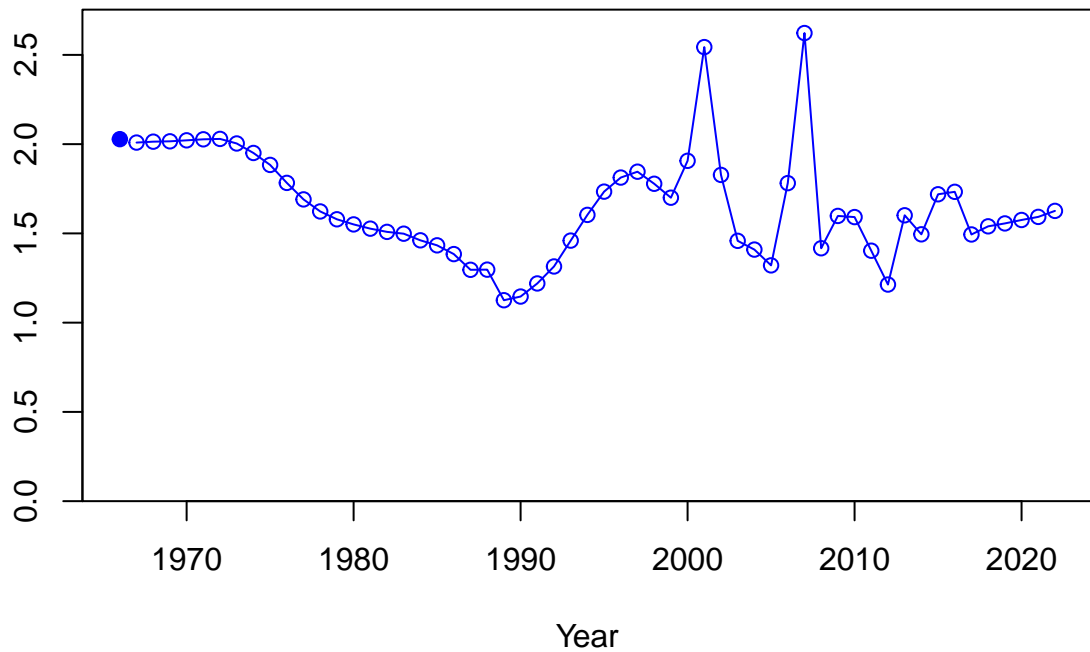
Relative spawning biomass: B/B_{MSY}



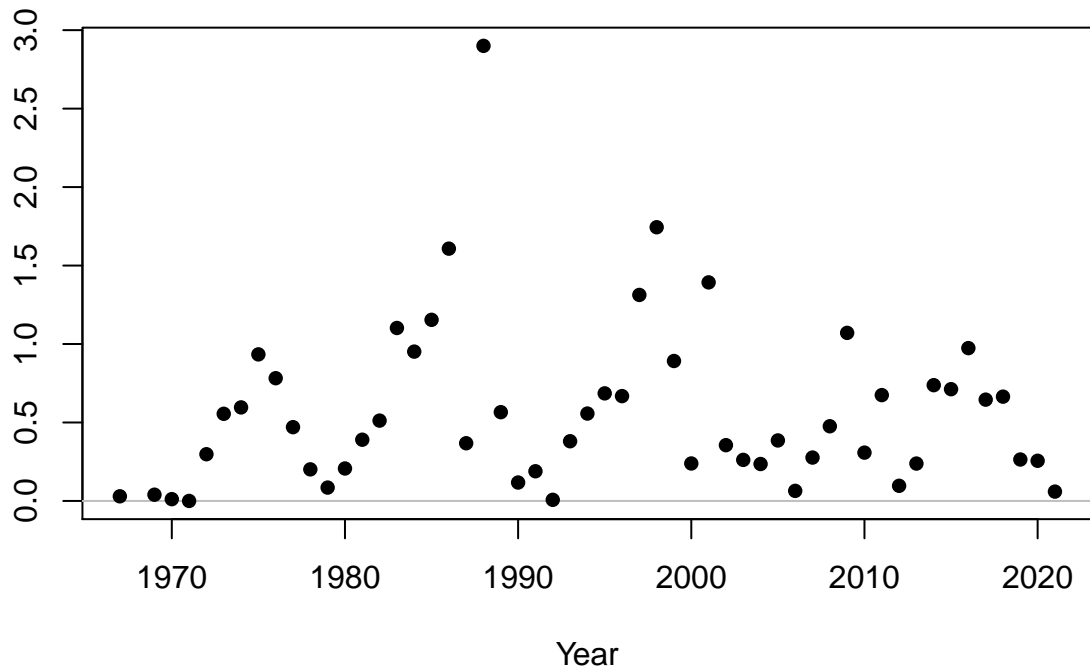


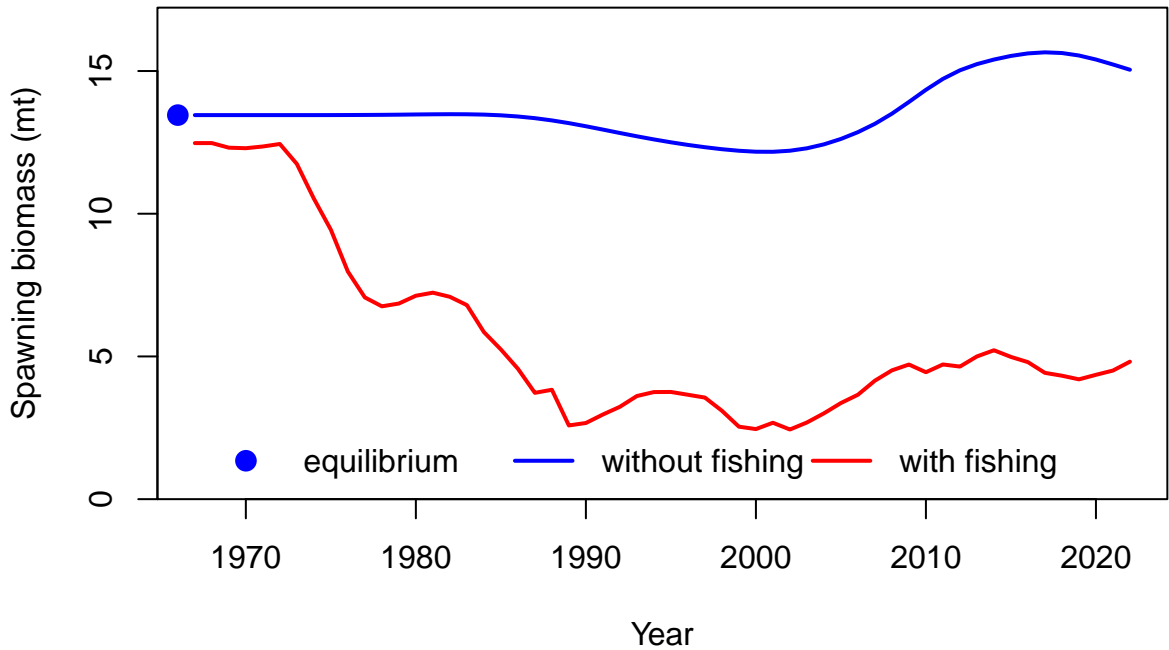


Age-0 recruits (1,000s)

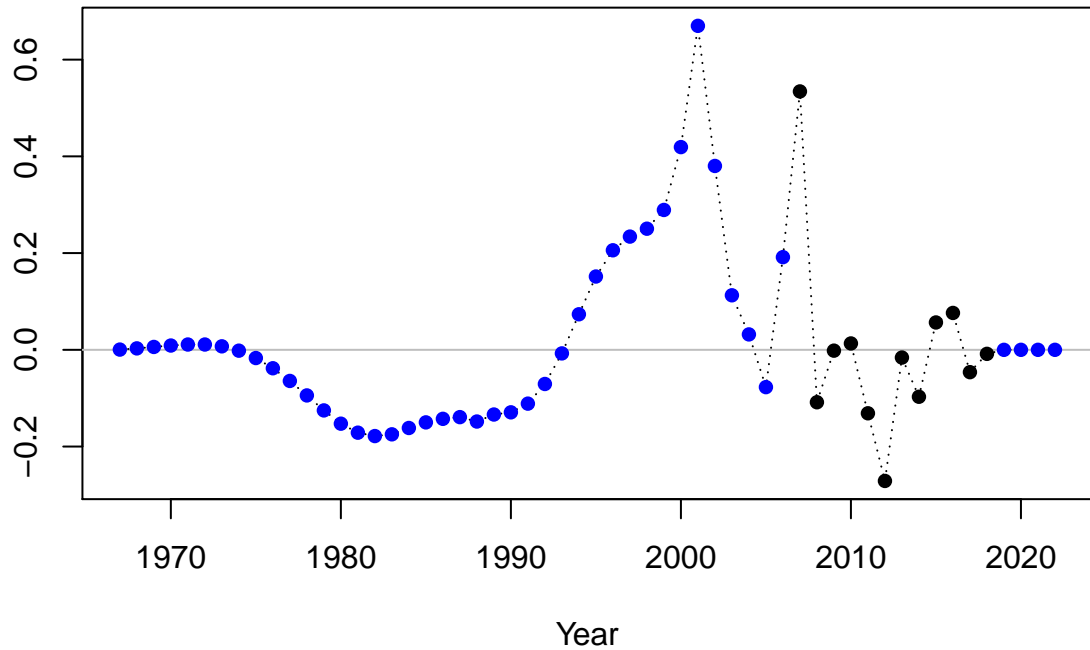


Summary Fishing Mortality

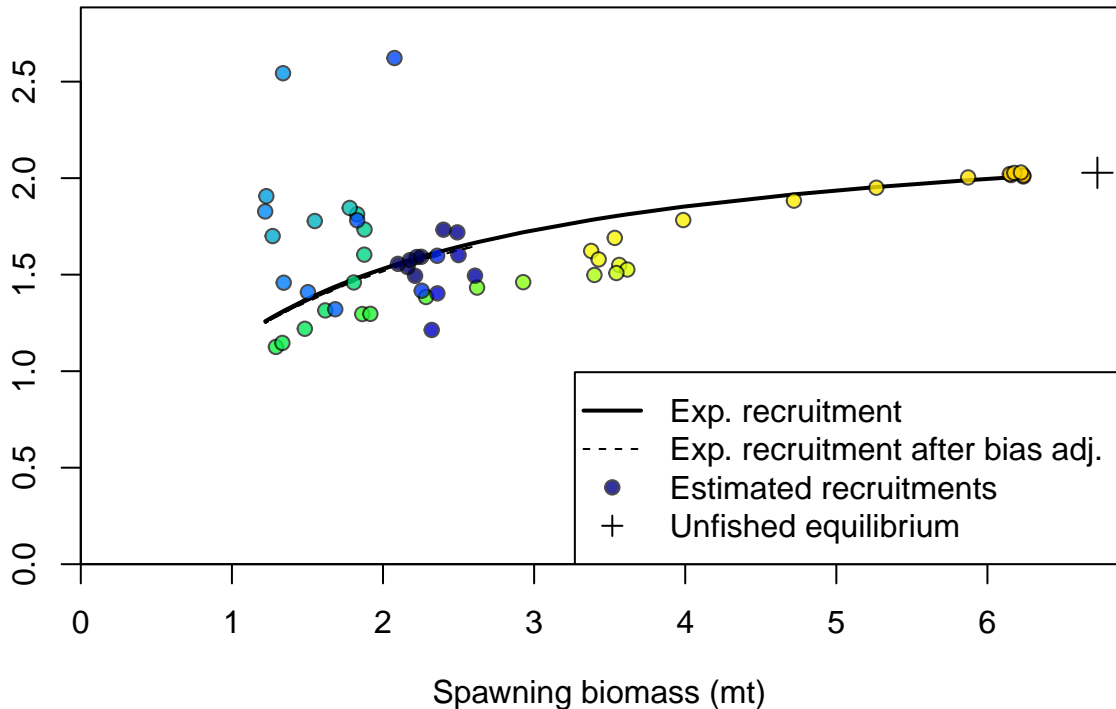


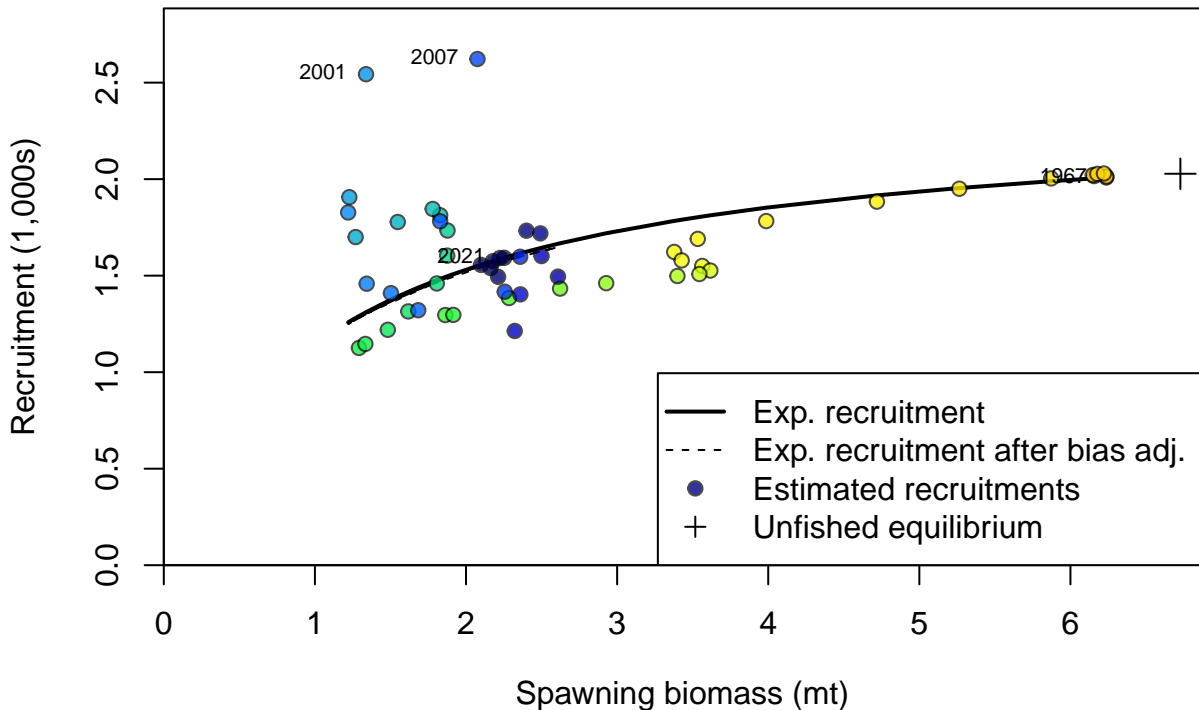


Log recruitment deviation

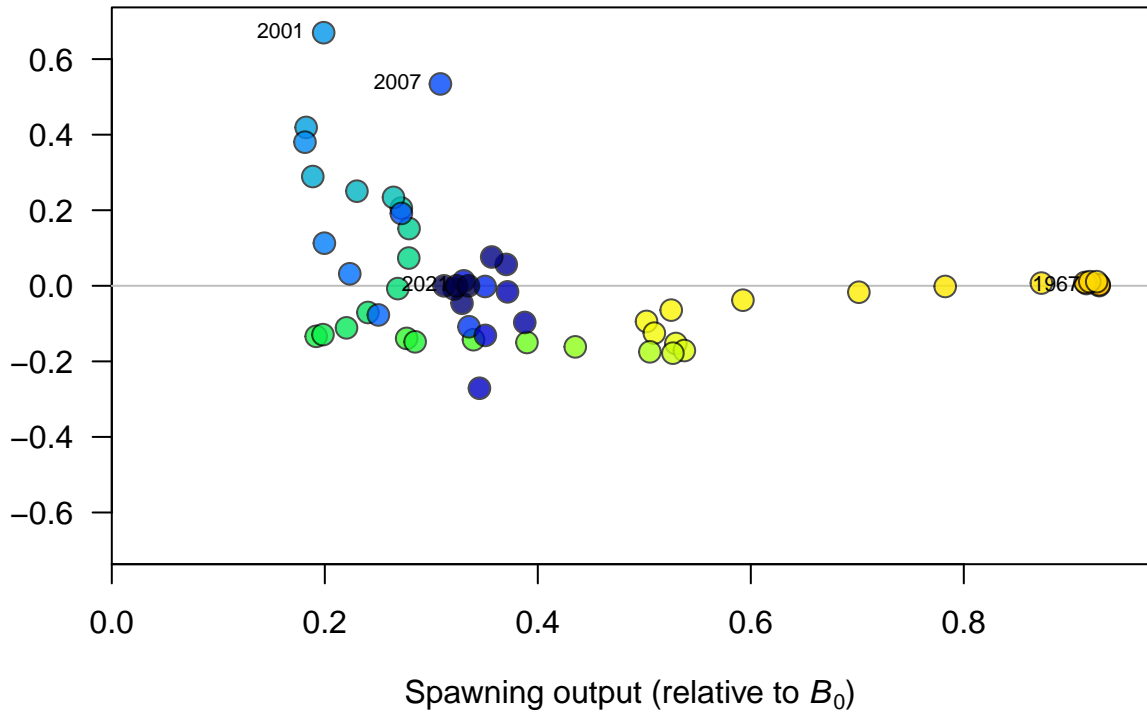


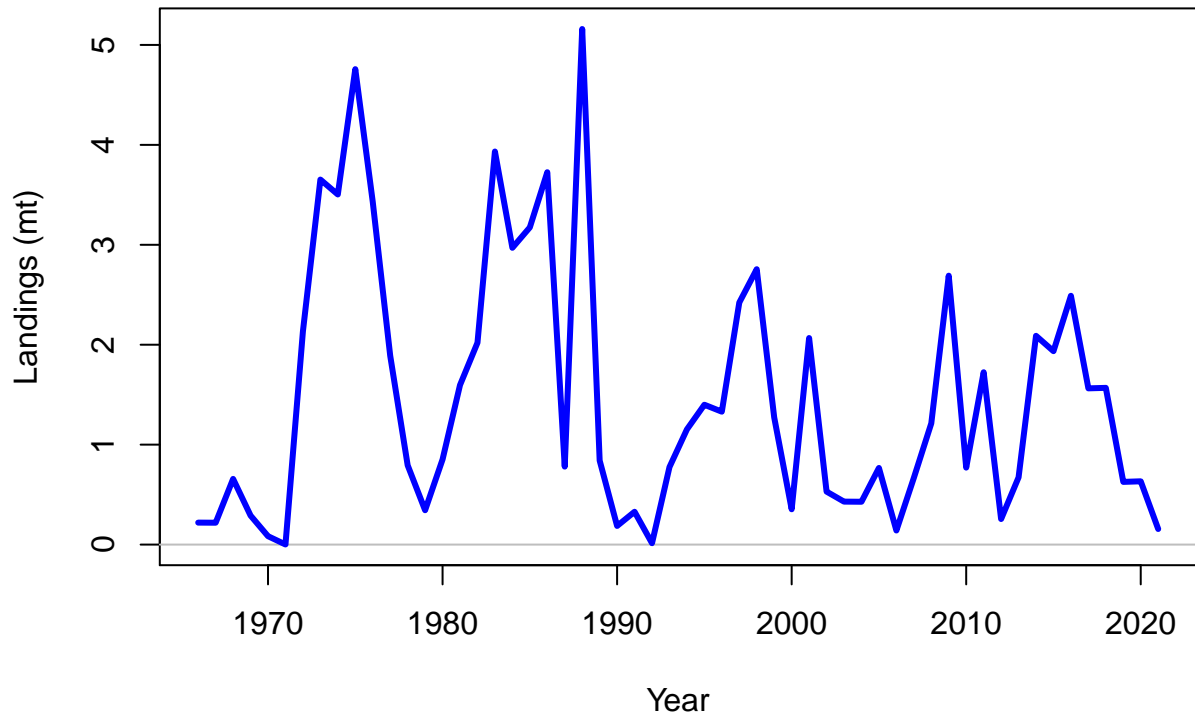
Recruitment (1,000s)

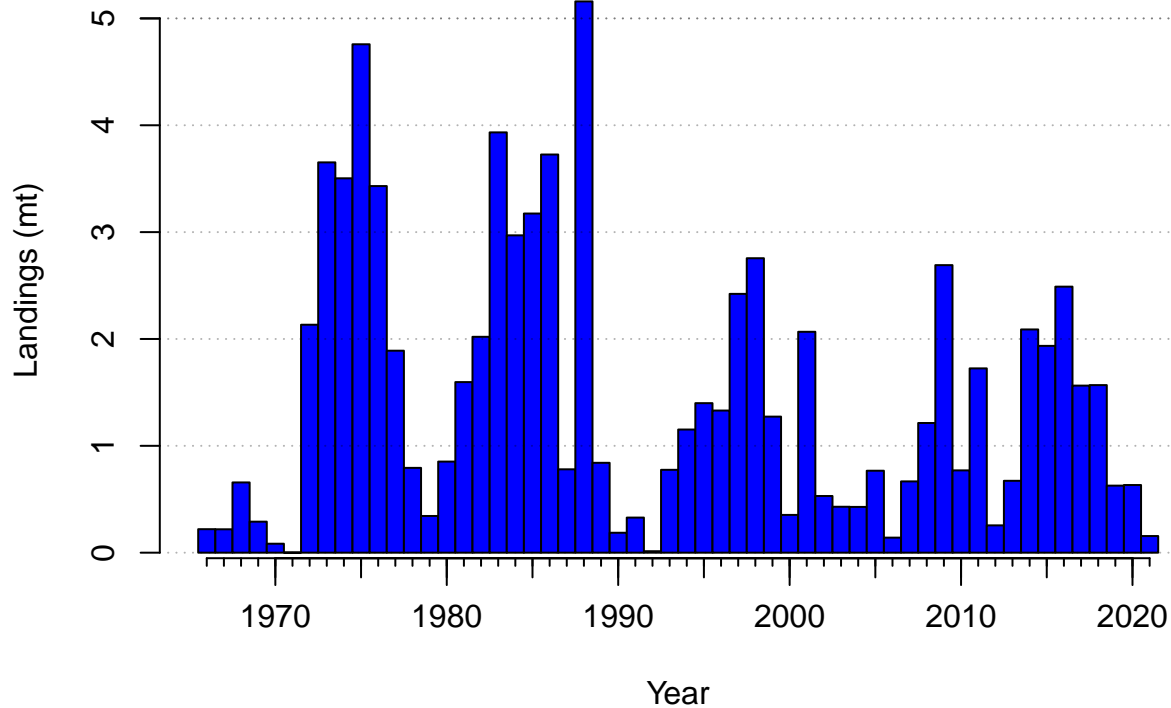




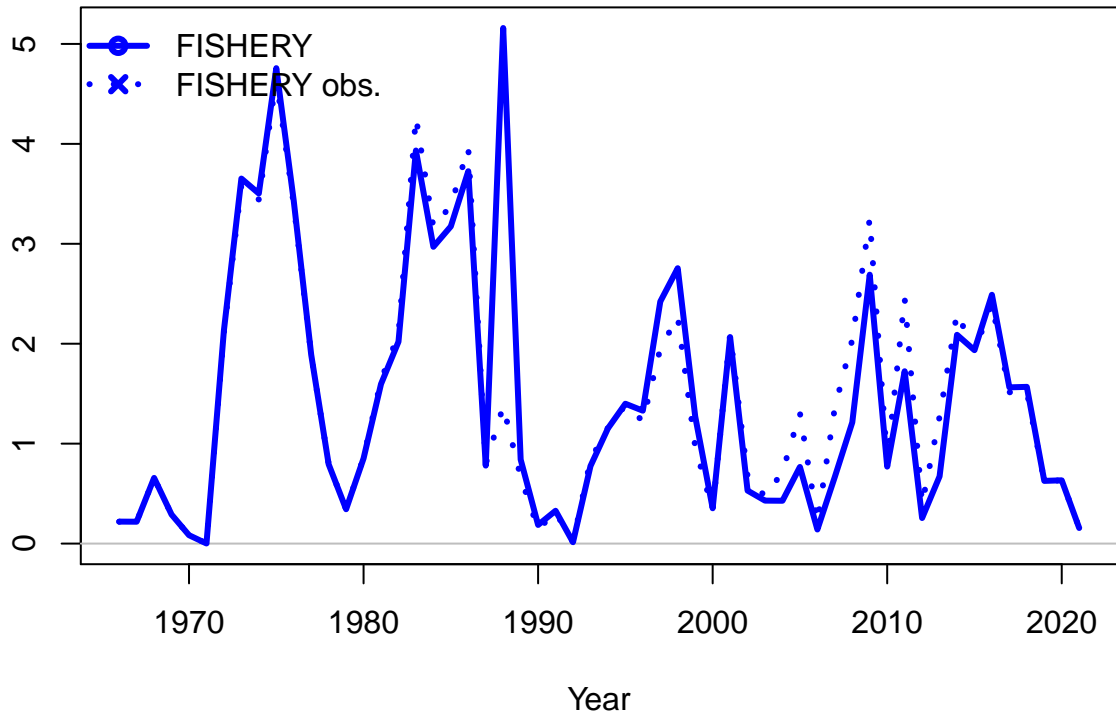
Log recruitment deviation

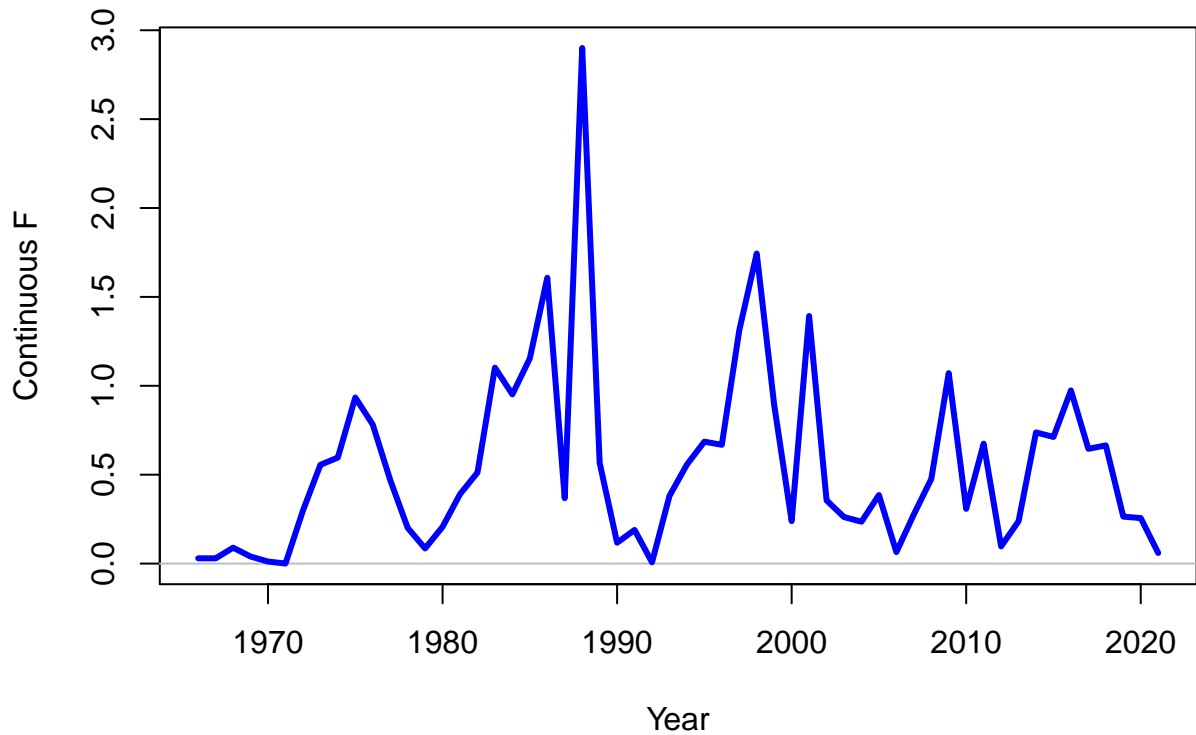




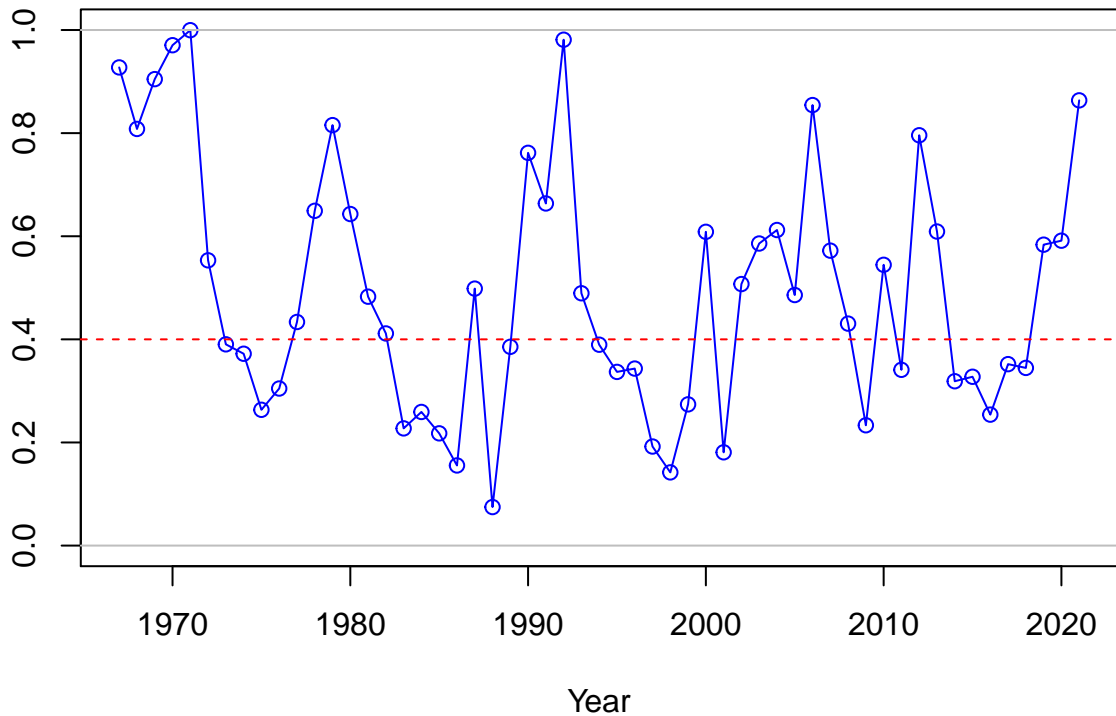


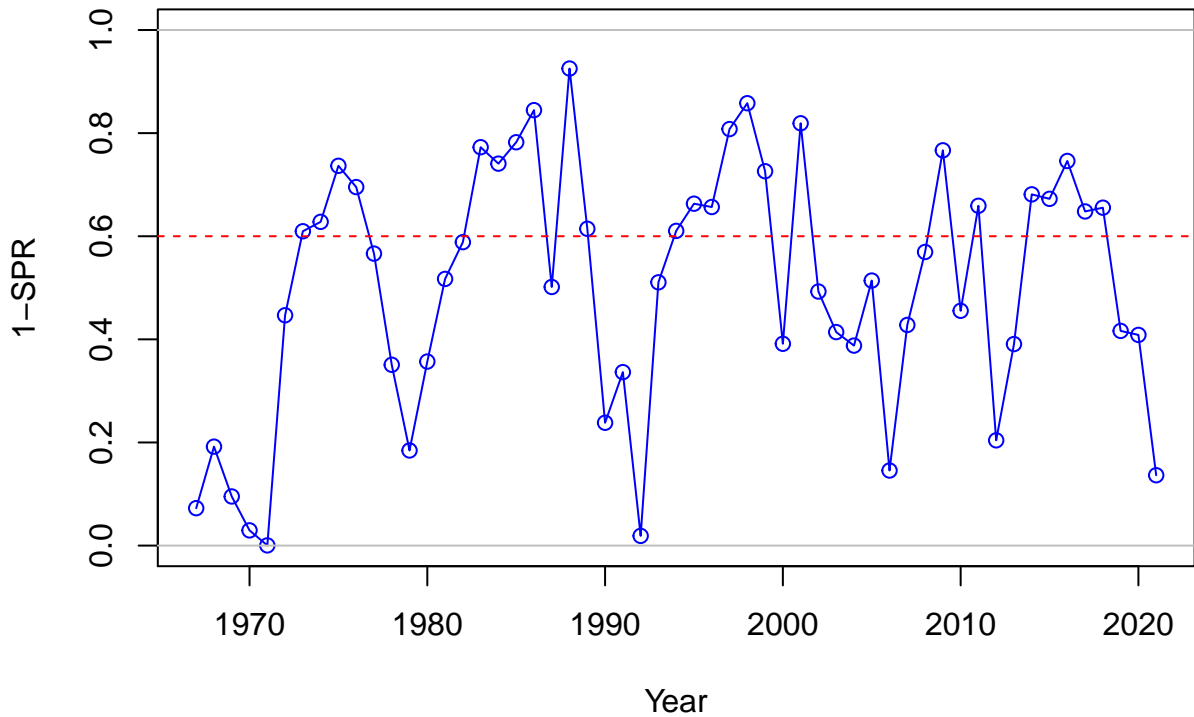
Observed and expected Landings (mt)



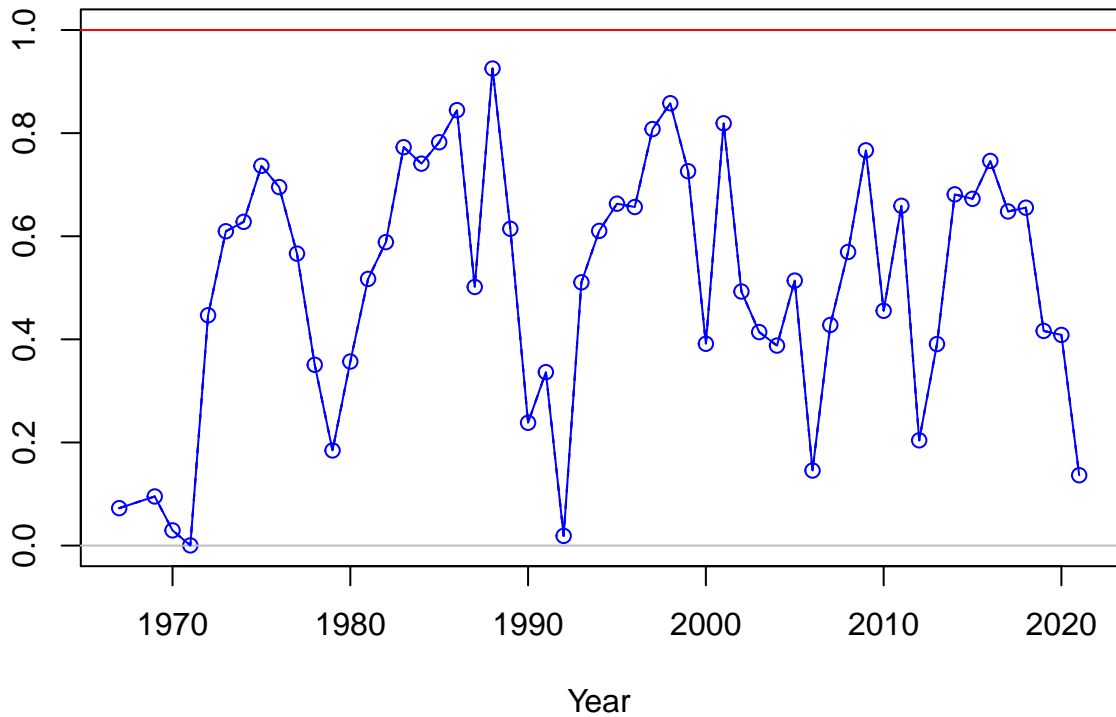


SPR

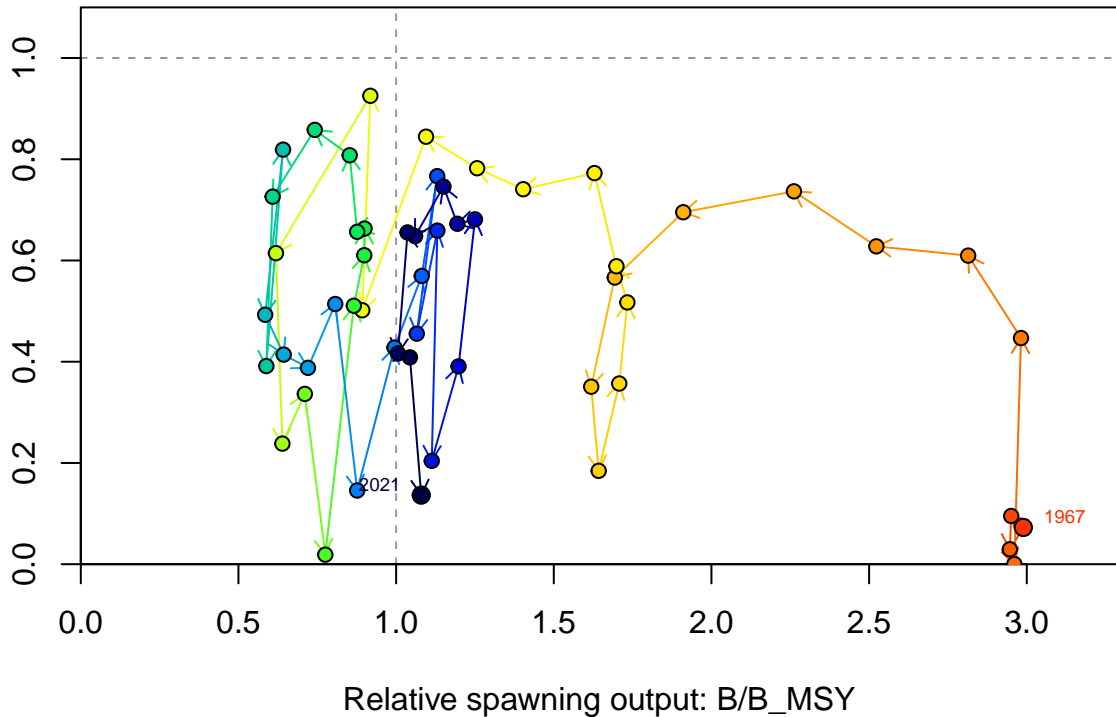




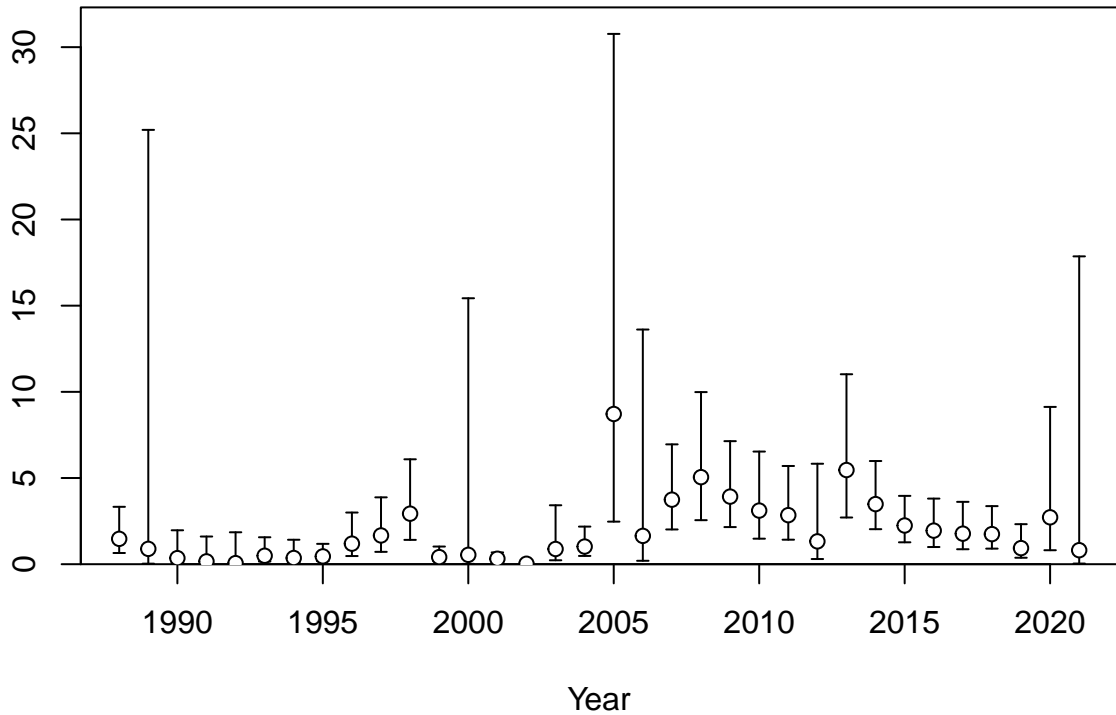
Fishing intensity: 1-SPR



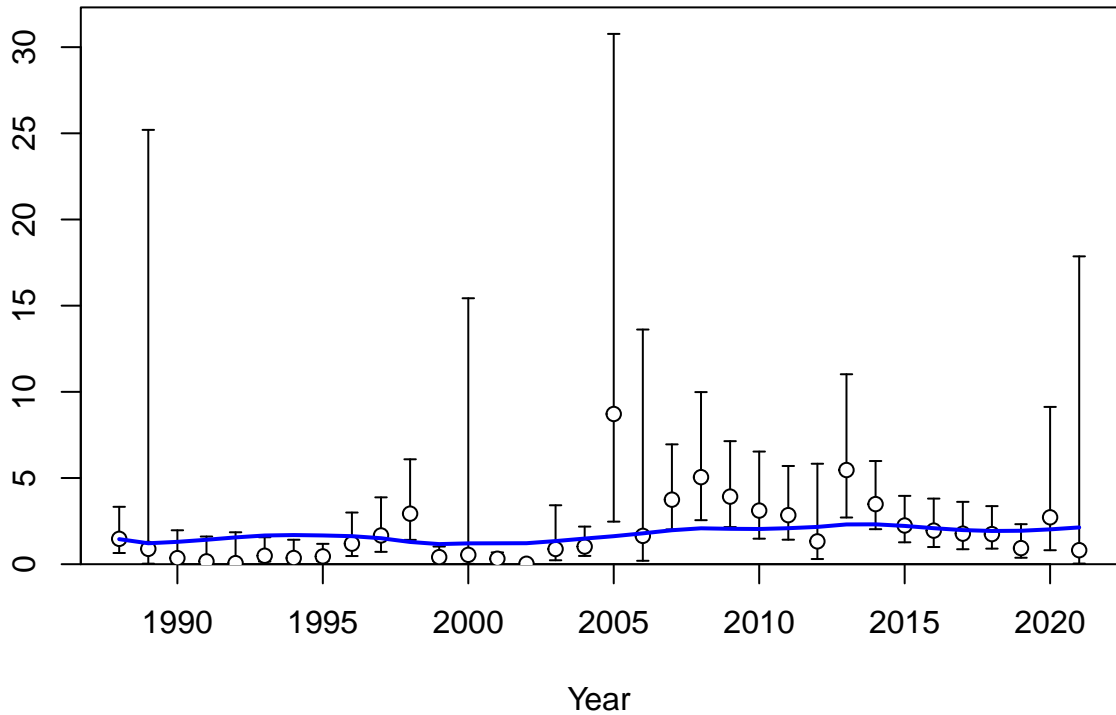
Fishing intensity: 1-SPR

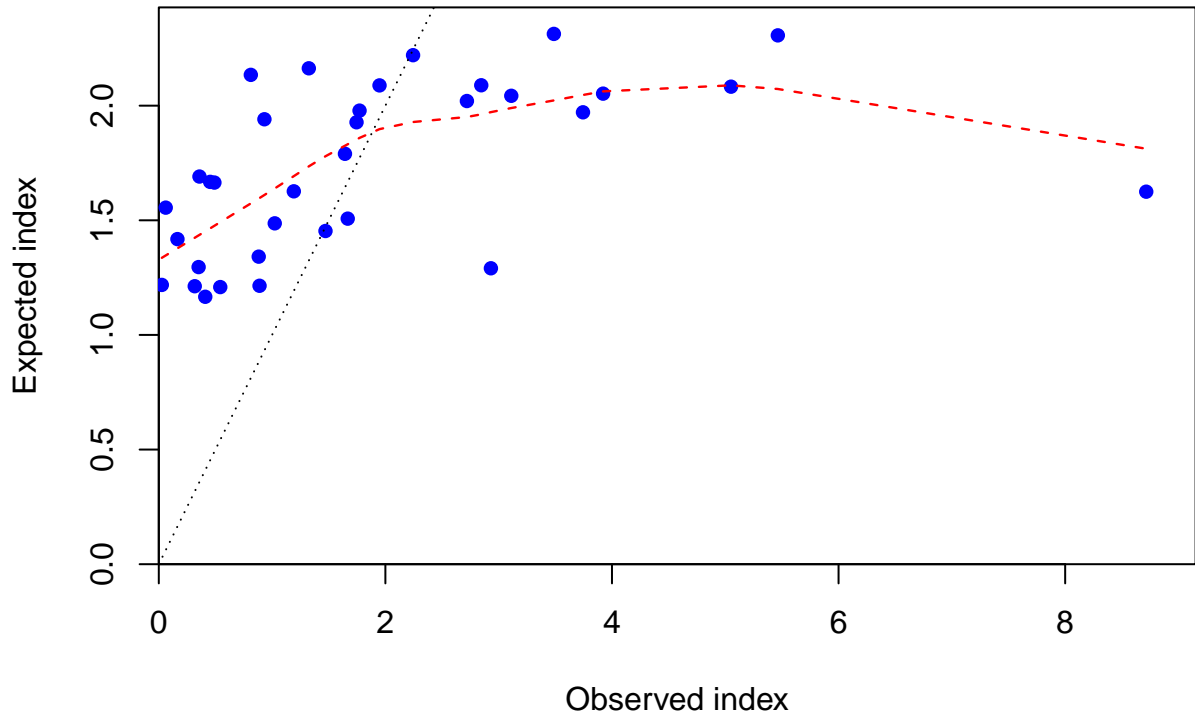


Index

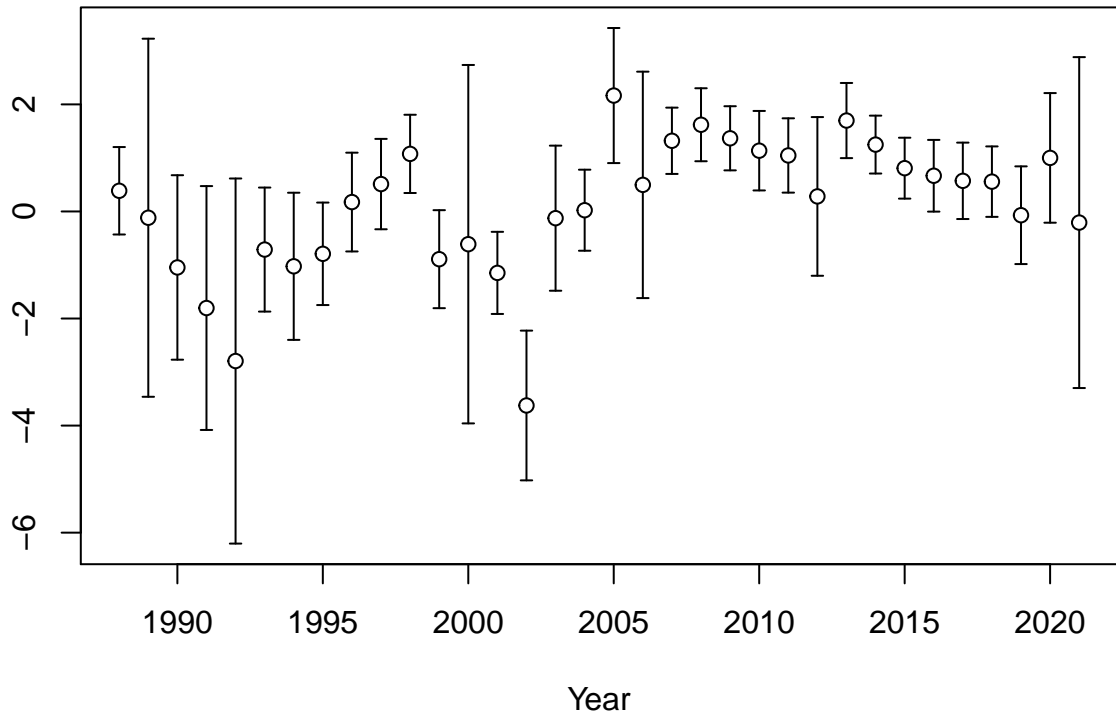


Index

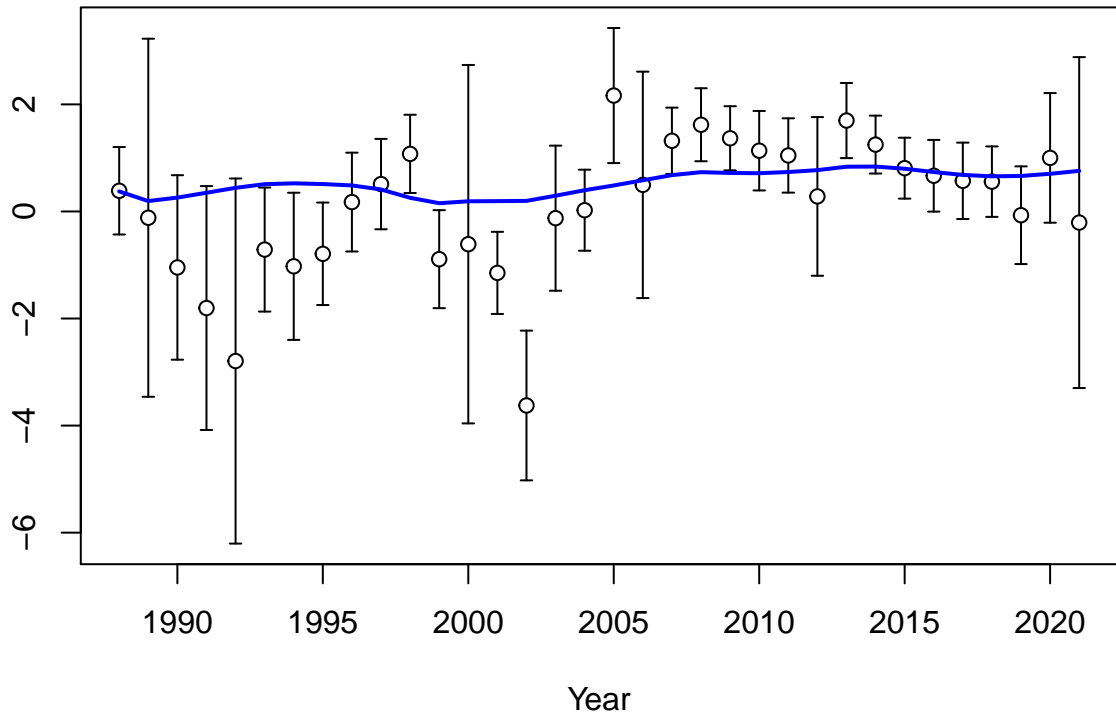


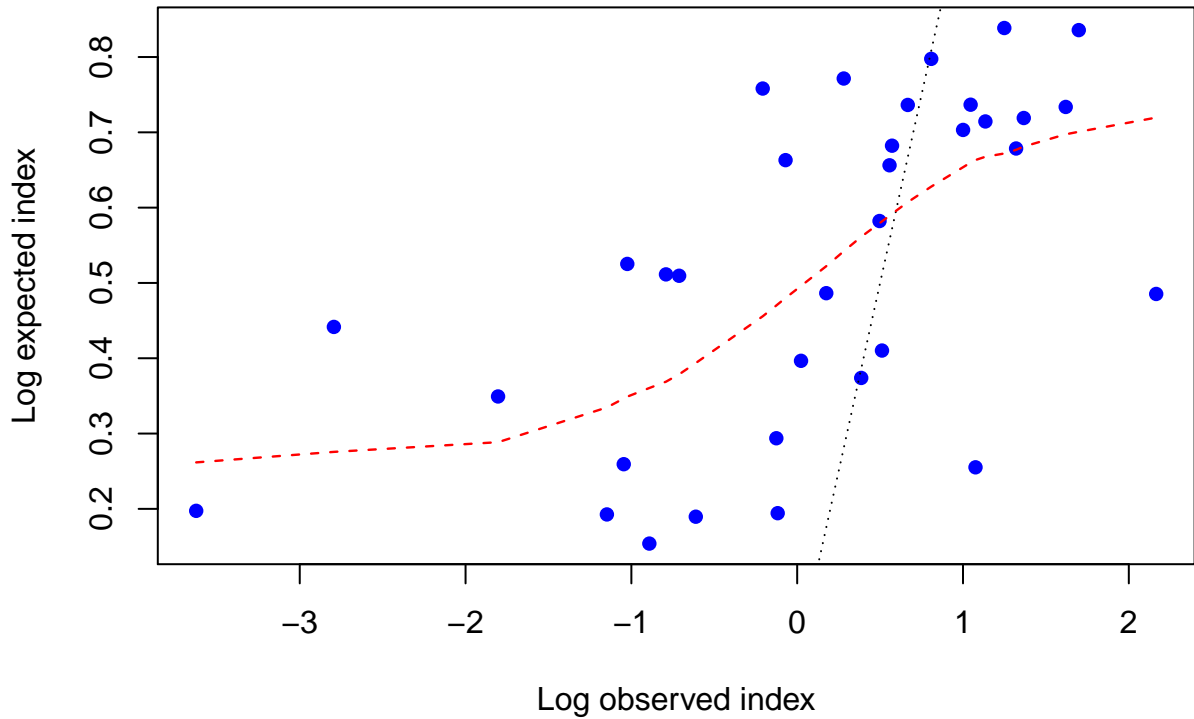


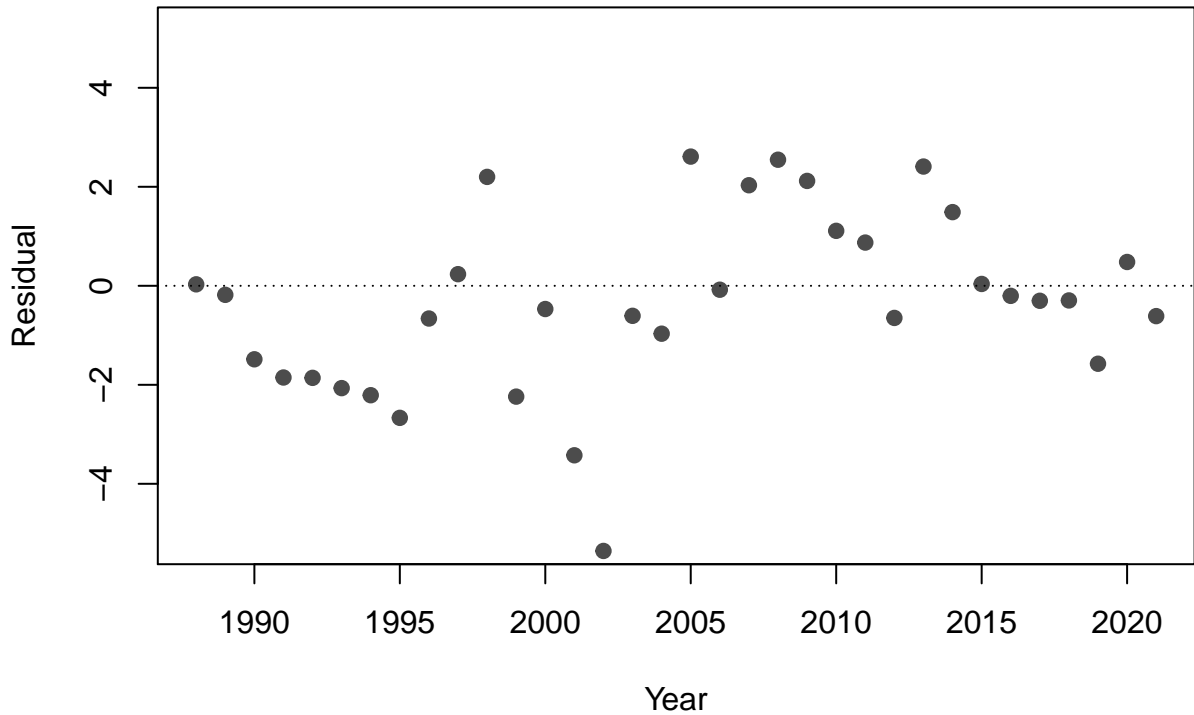
Log index



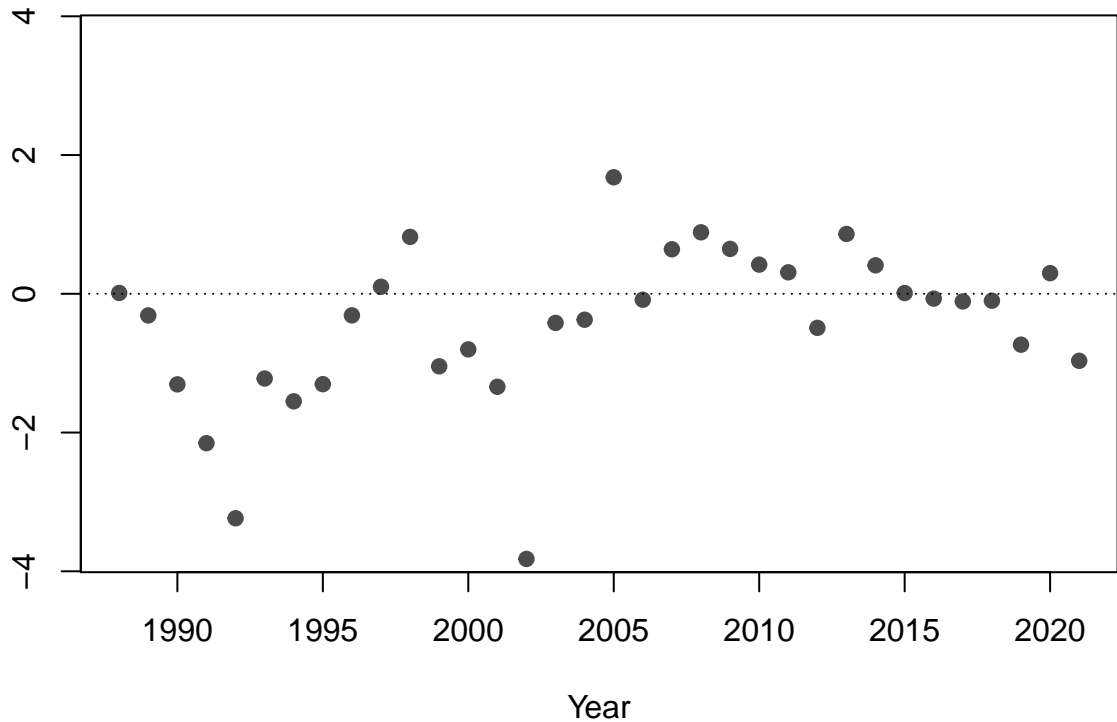
Log index

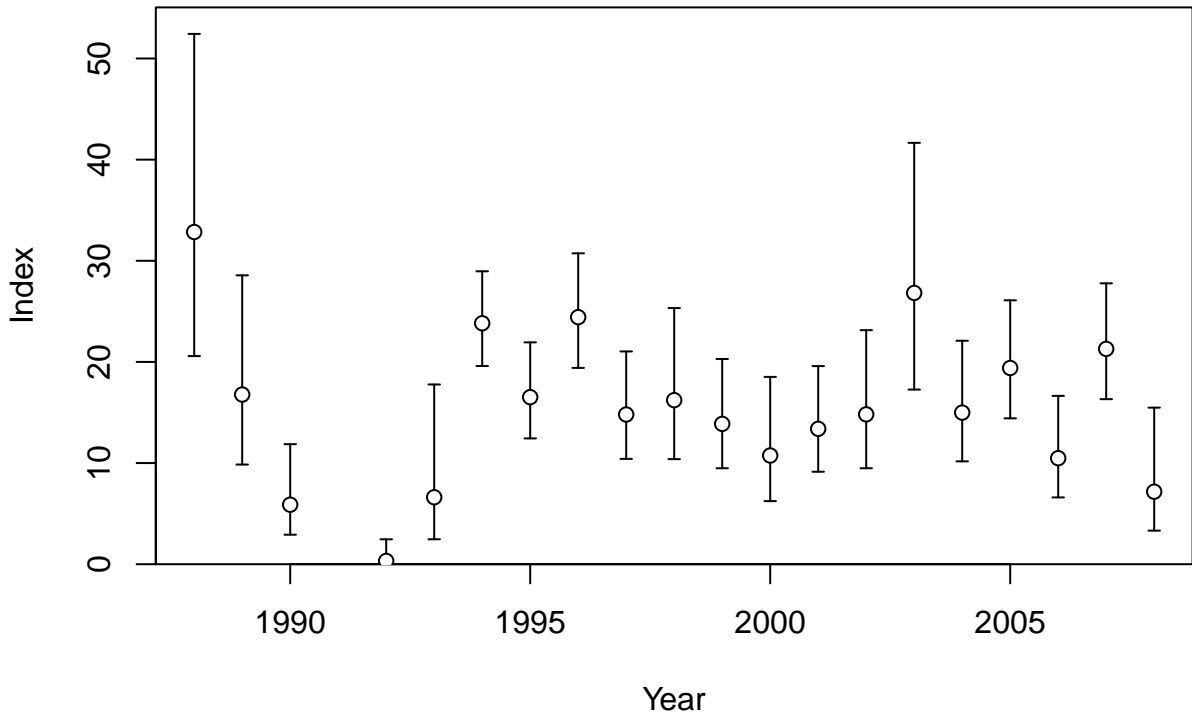


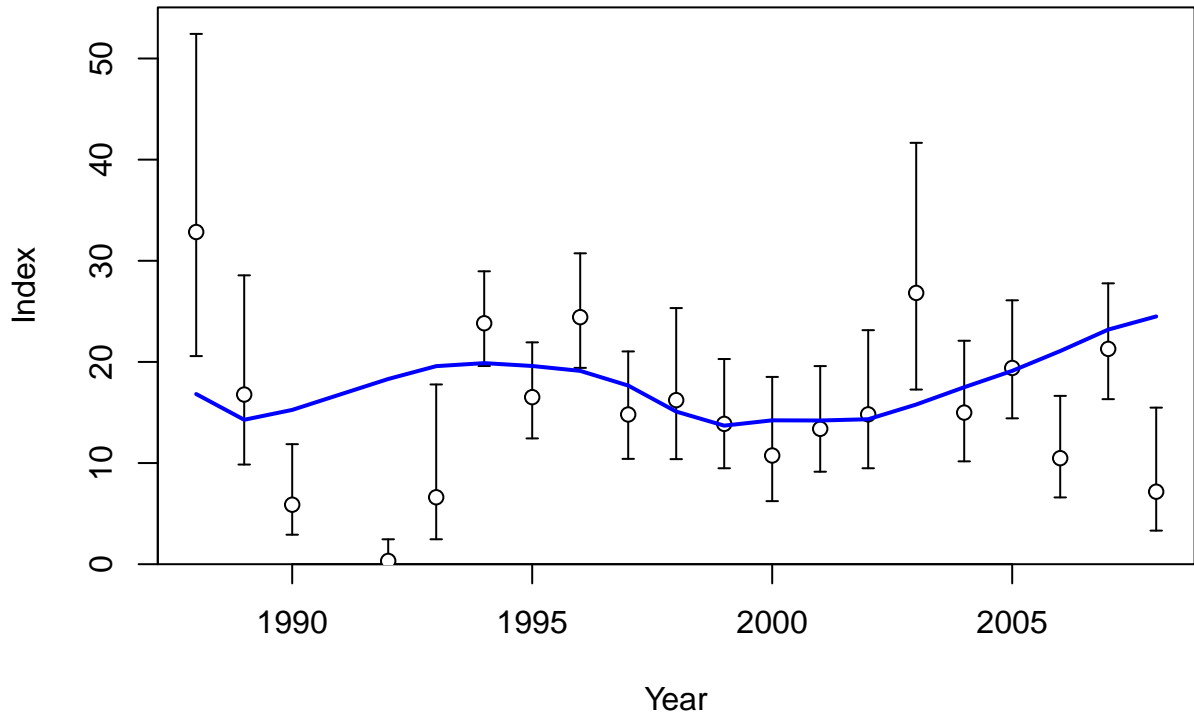


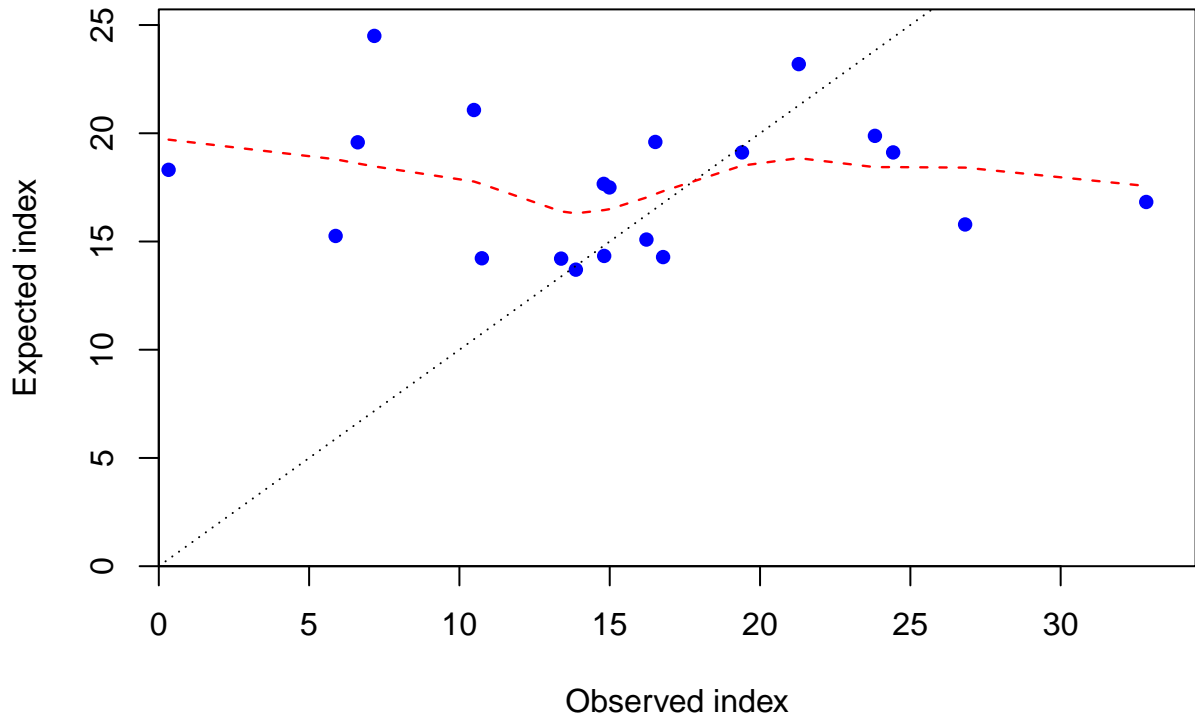


Deviation

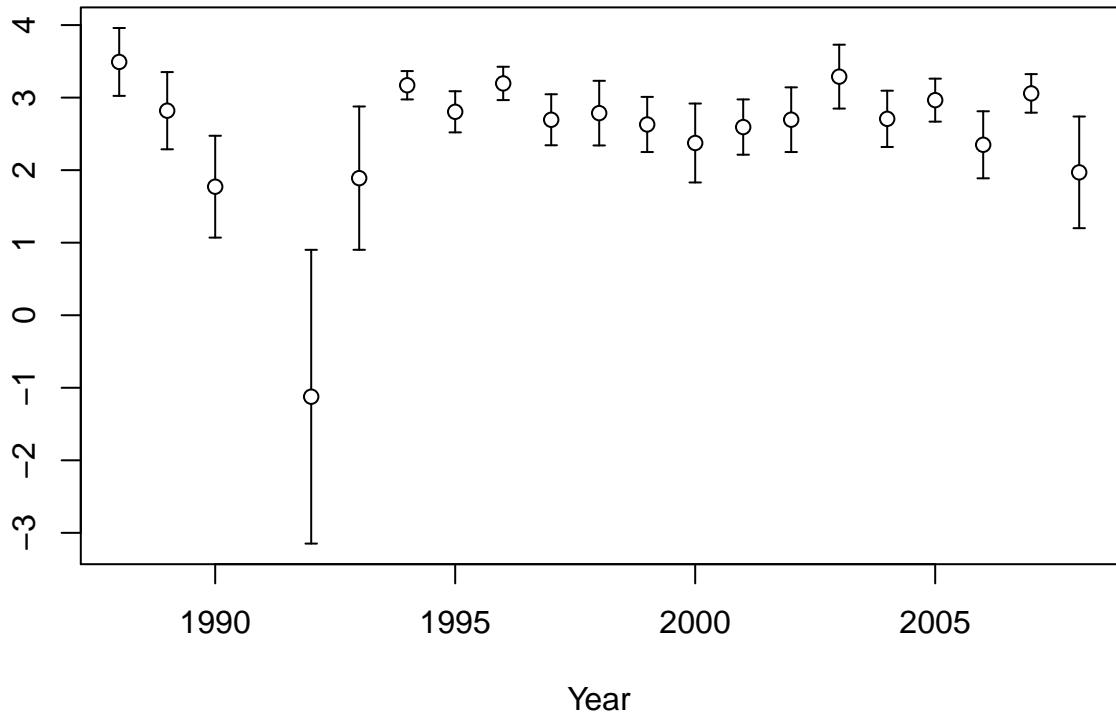




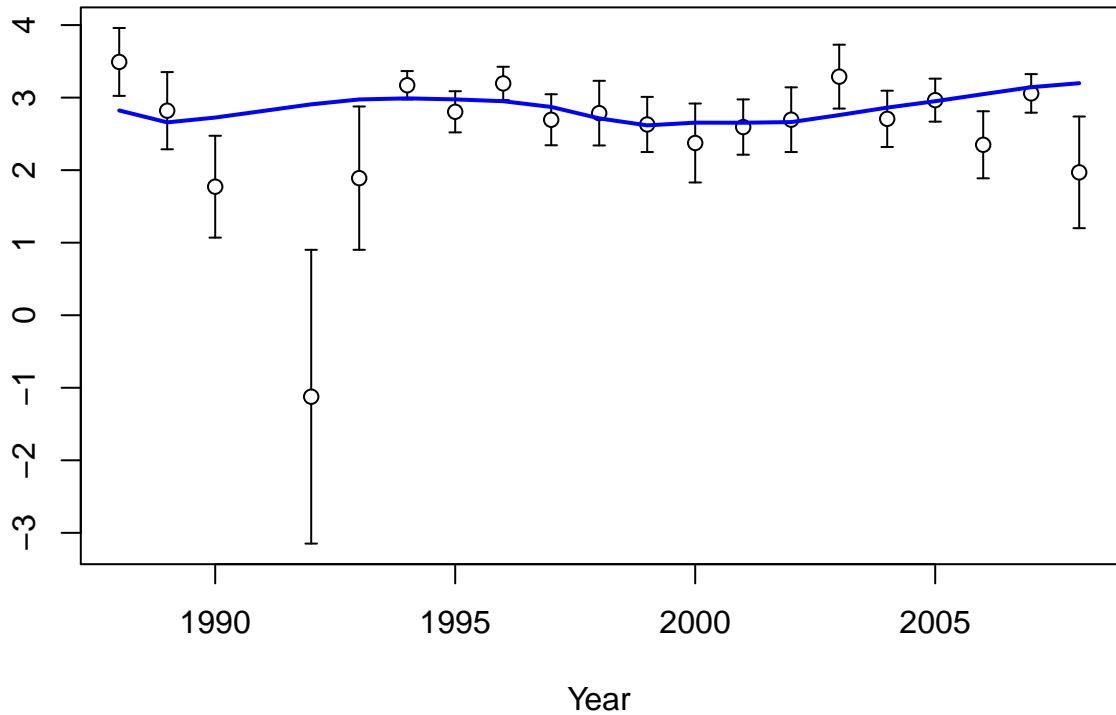


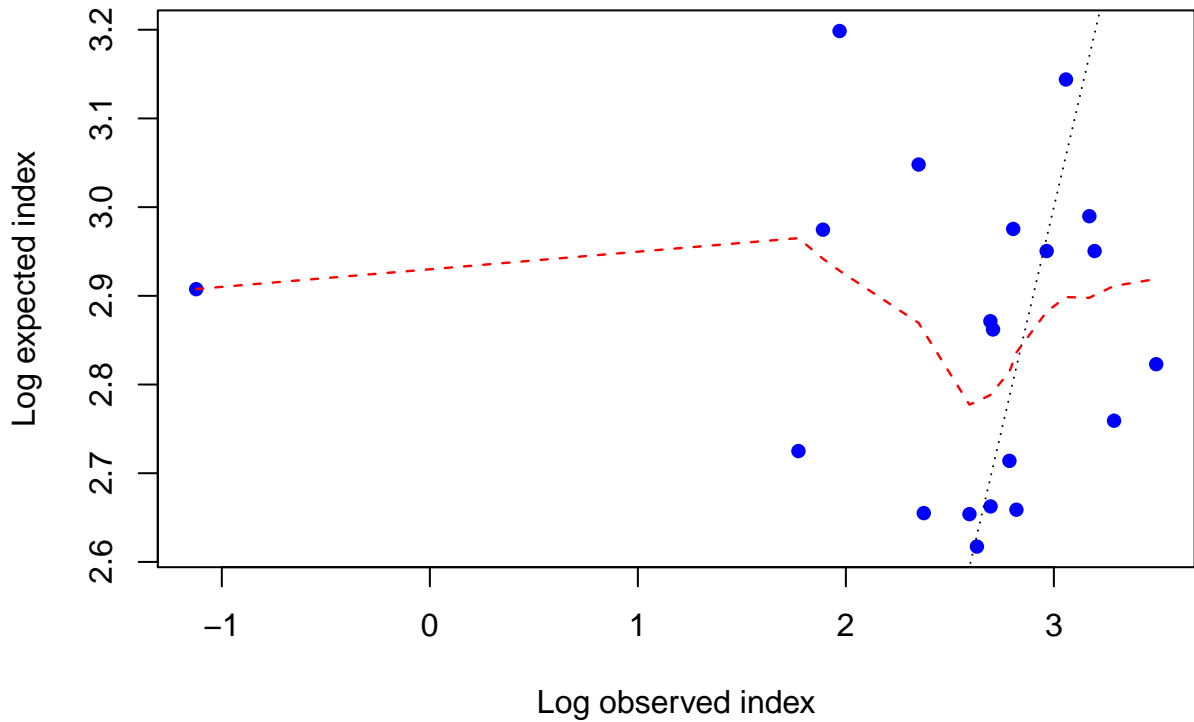


Log index

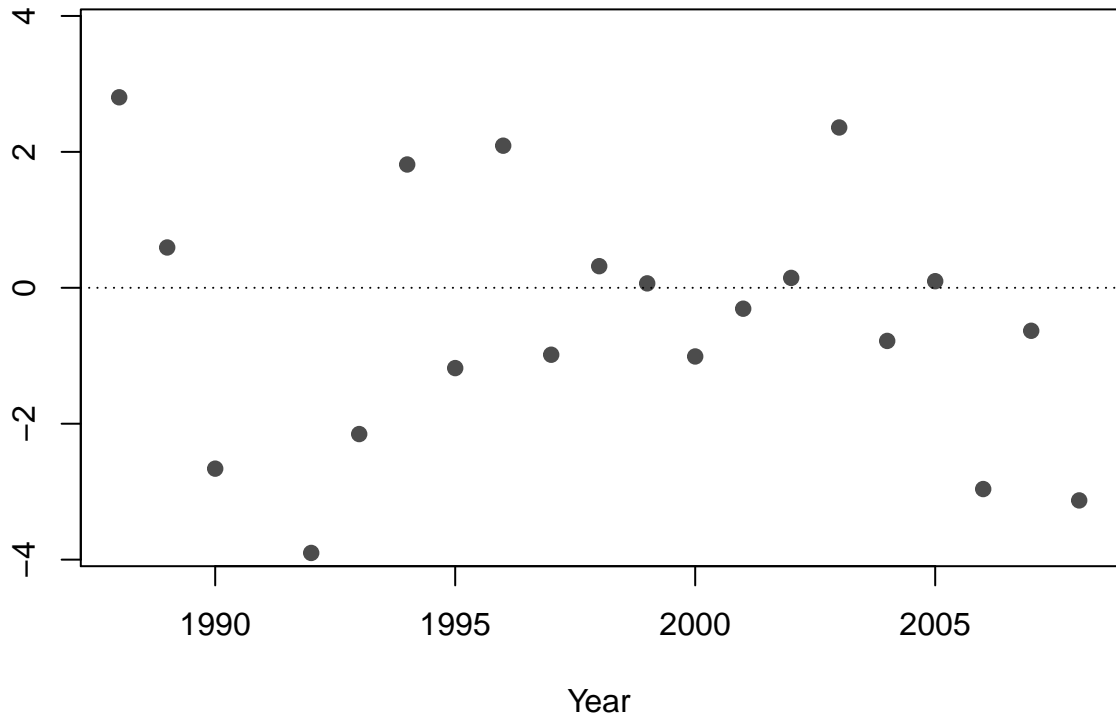


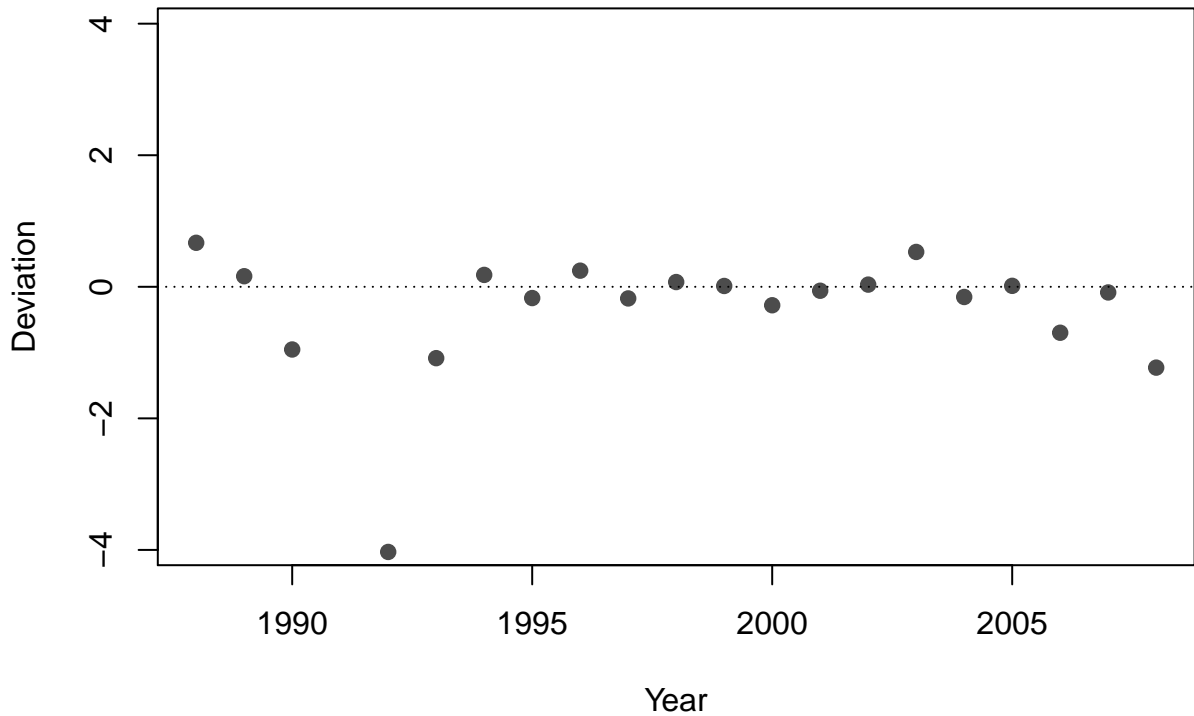
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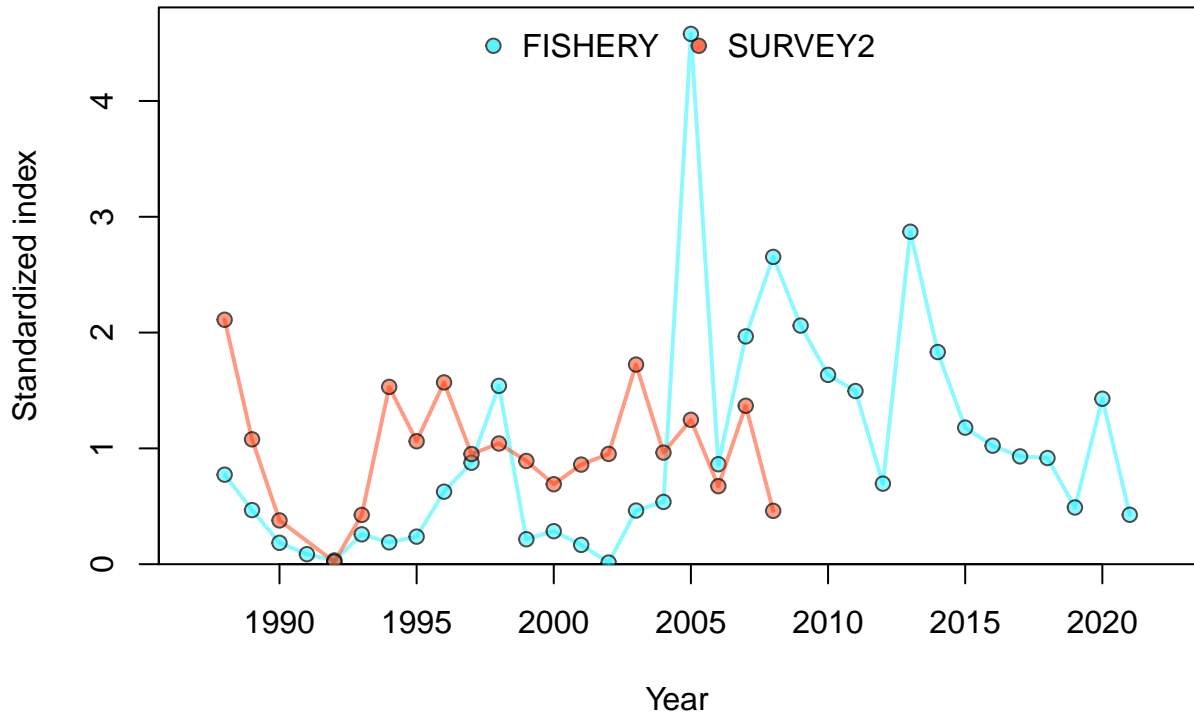


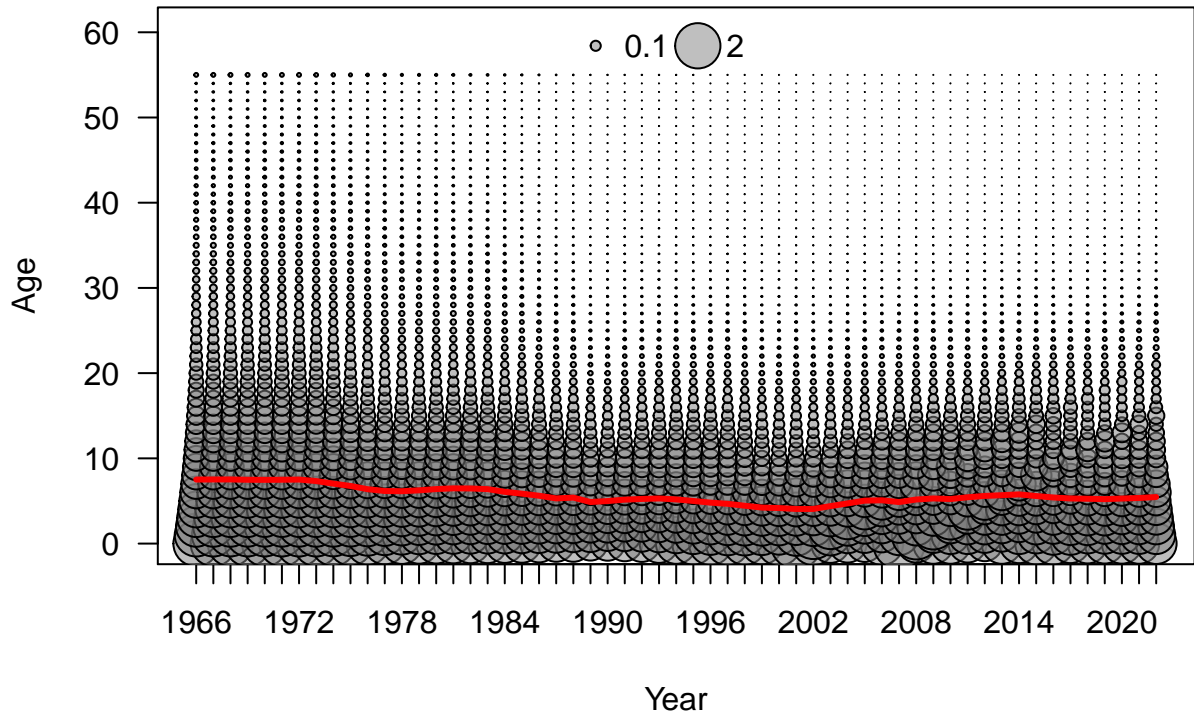


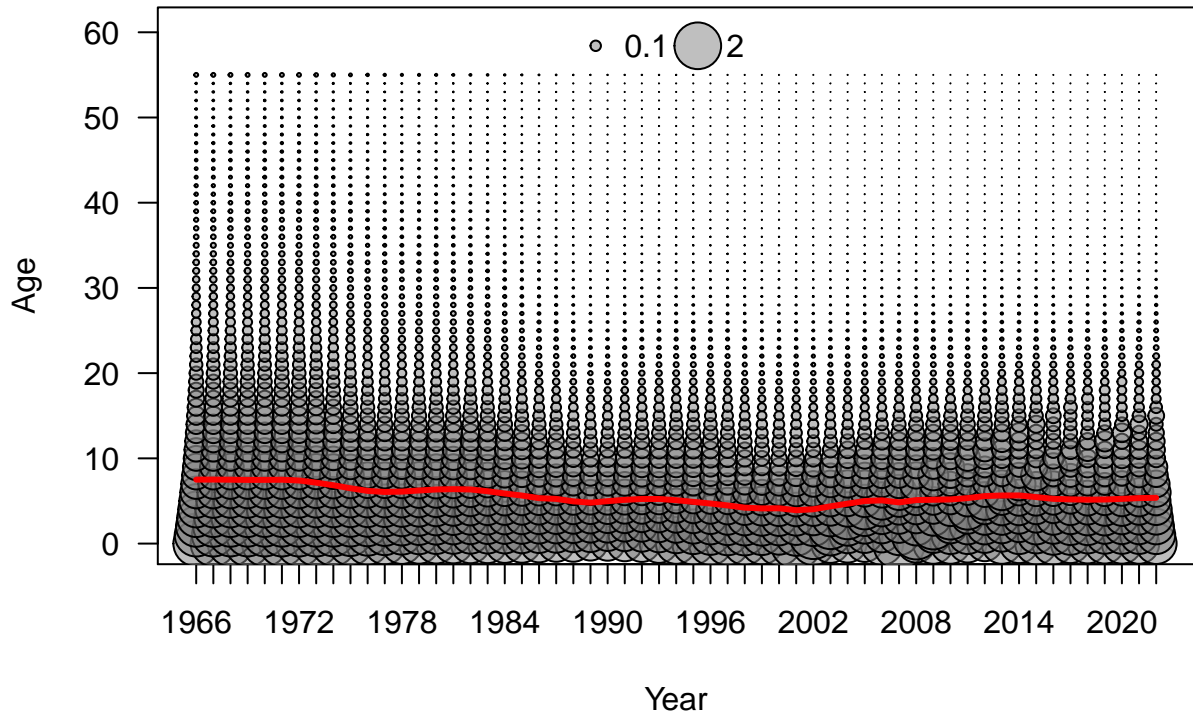
Residual

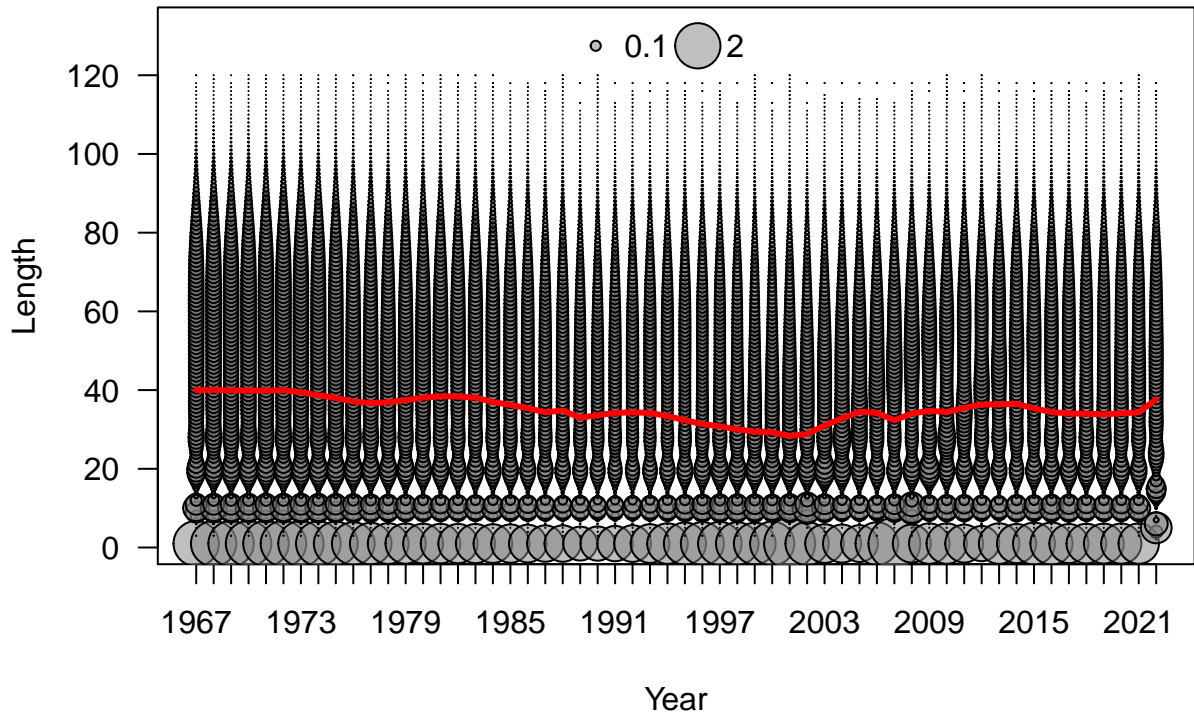


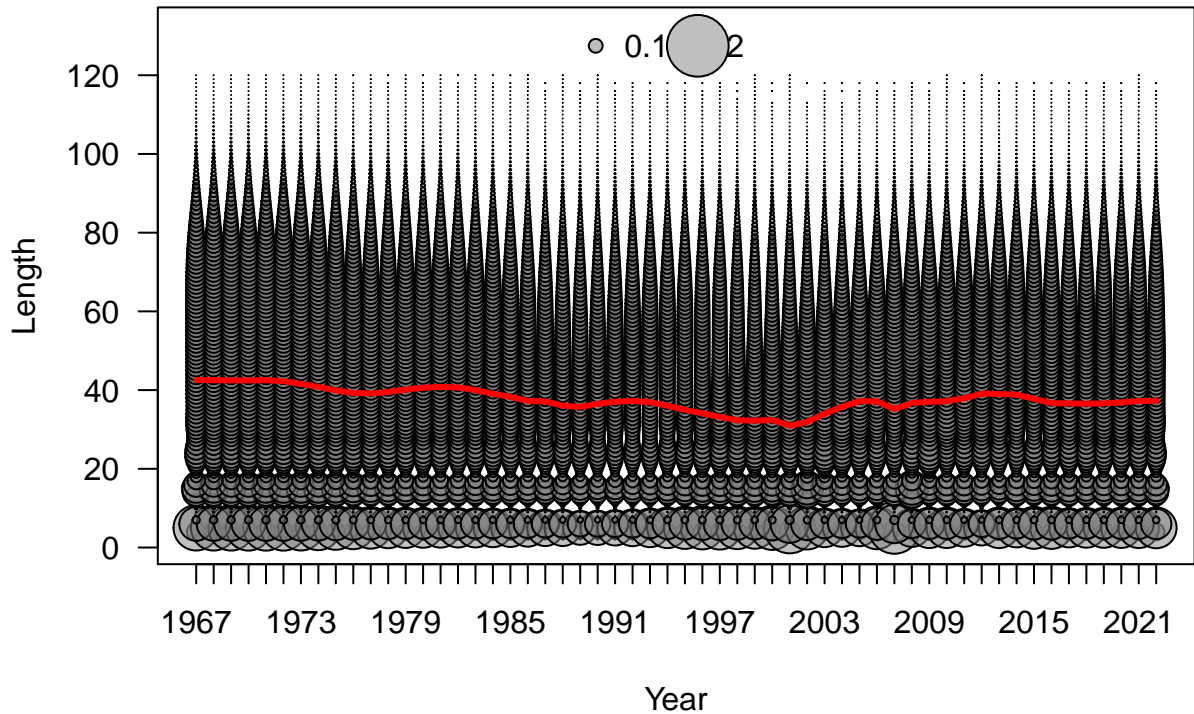


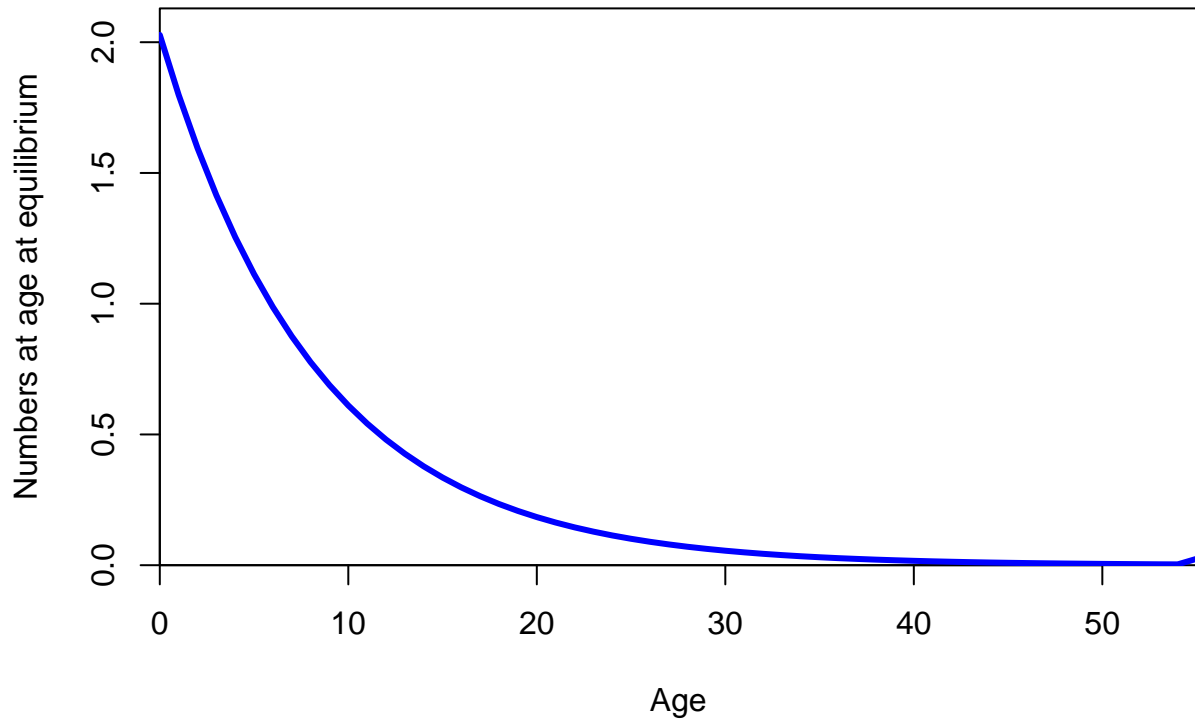








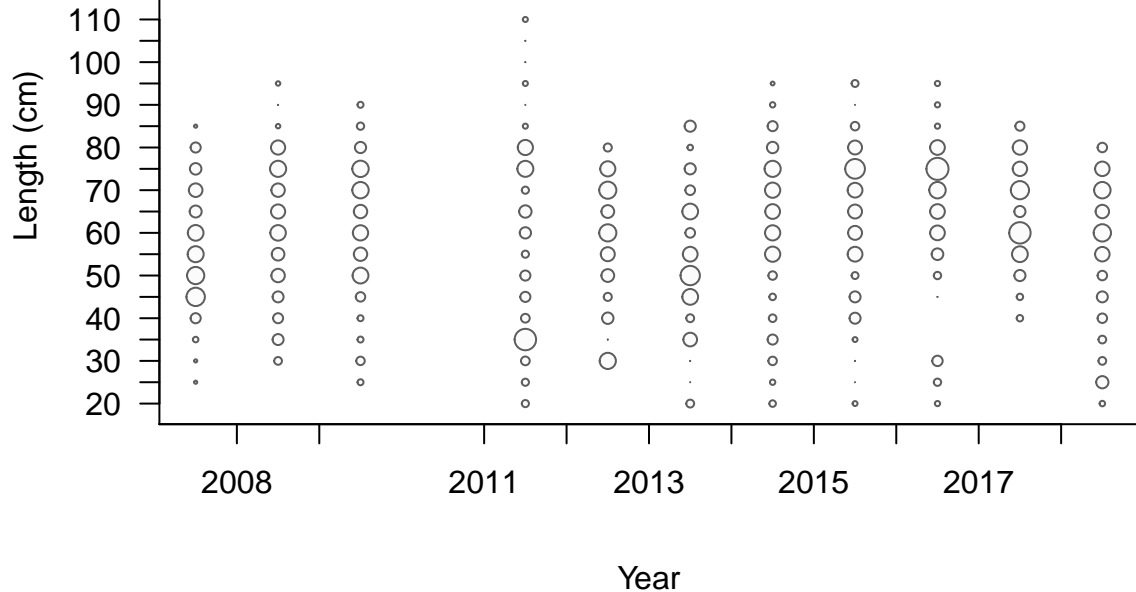




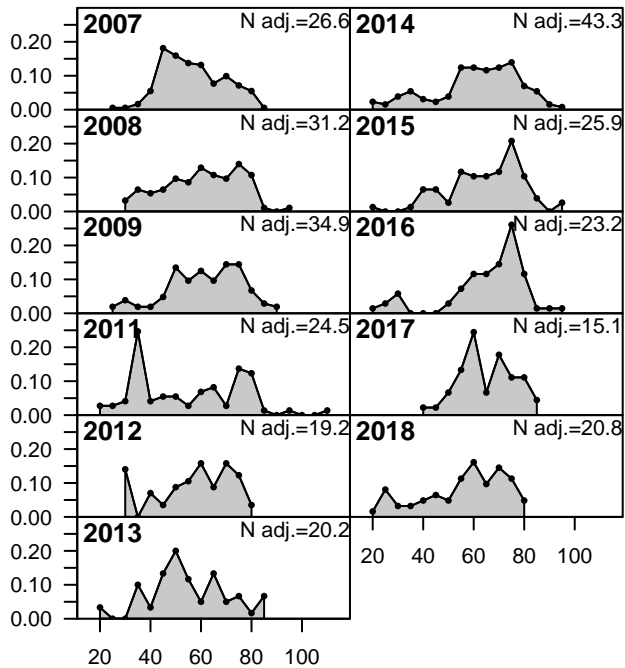


FISHERY

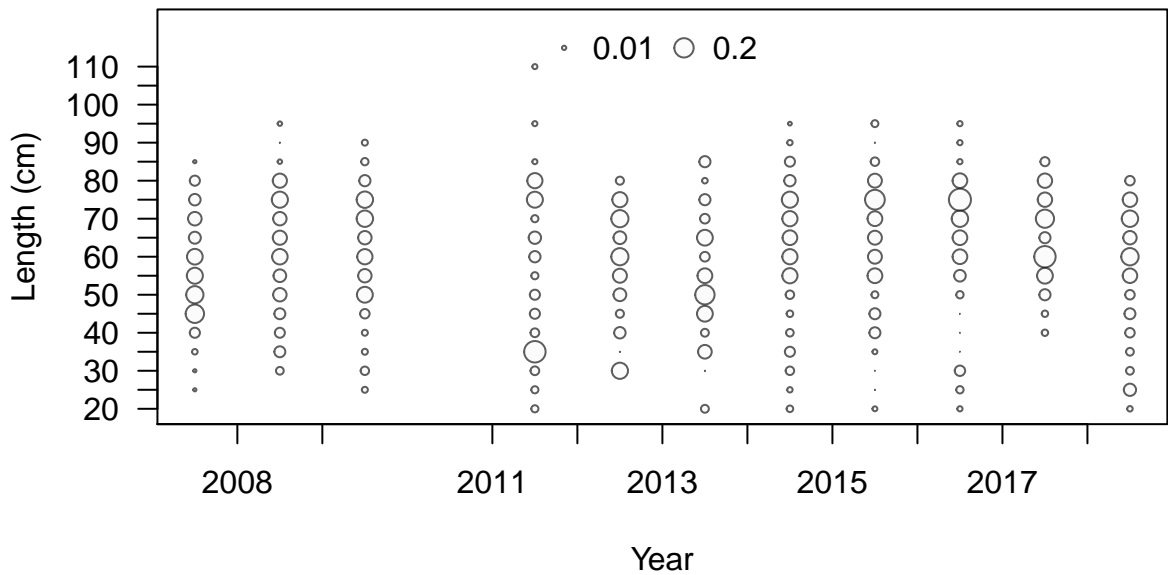
◦ 0.01 ○ 0.2



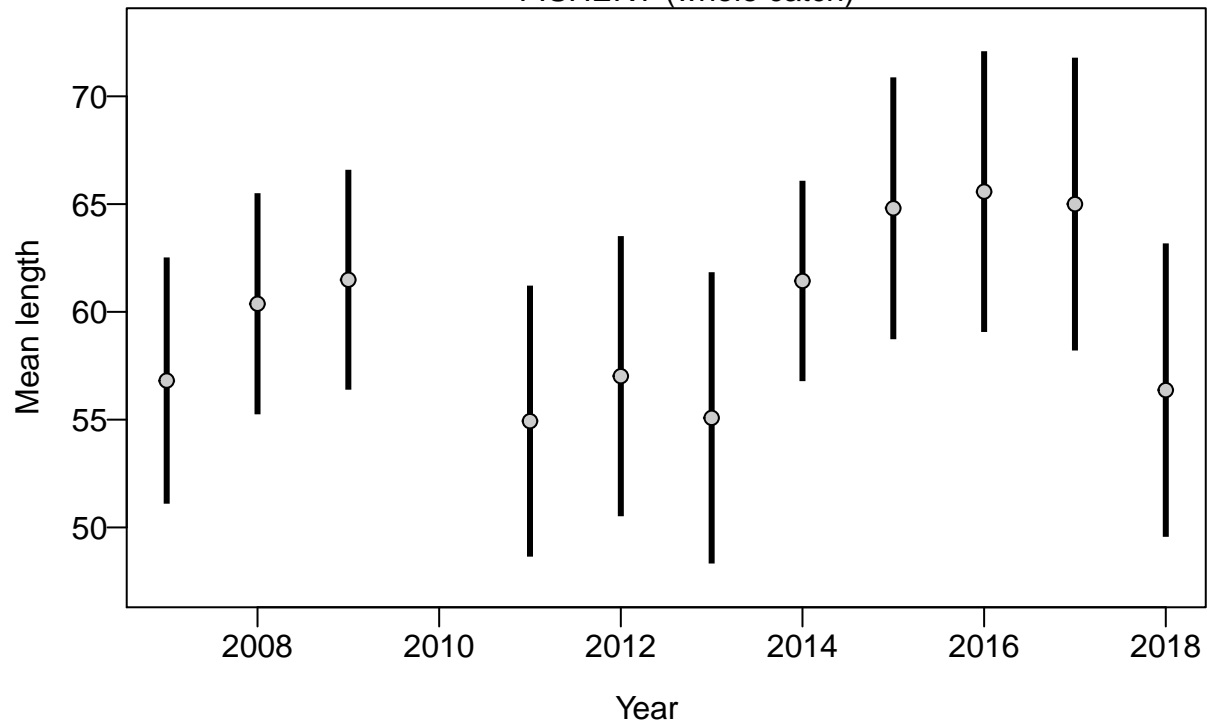
Proportion

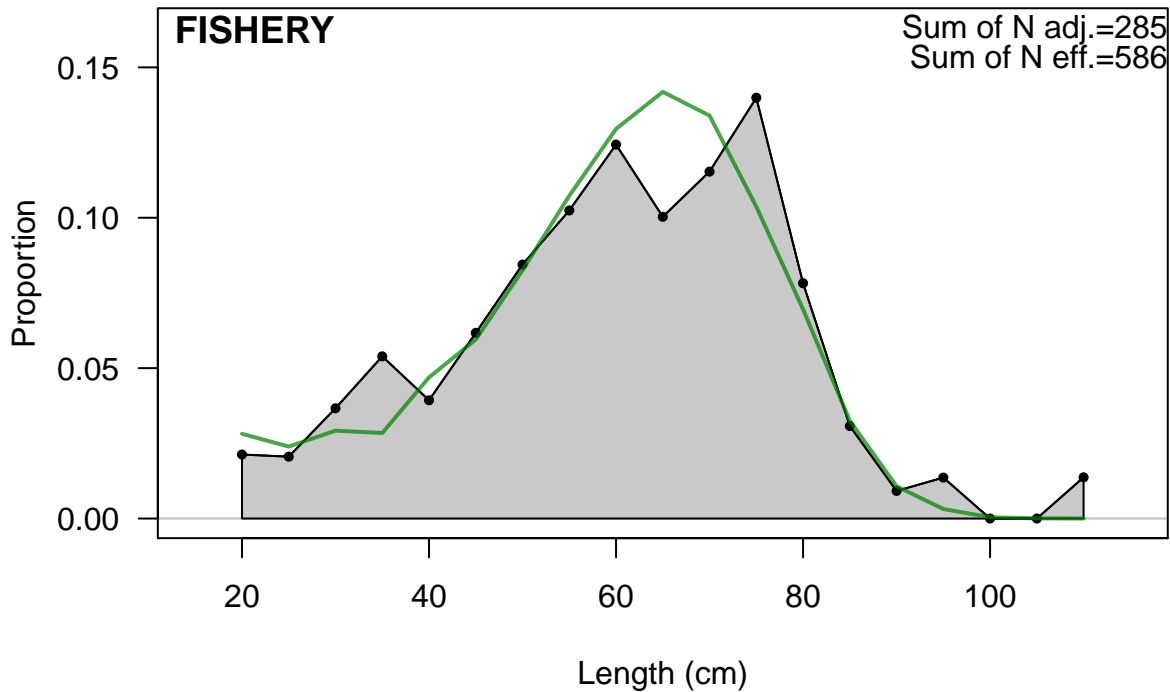


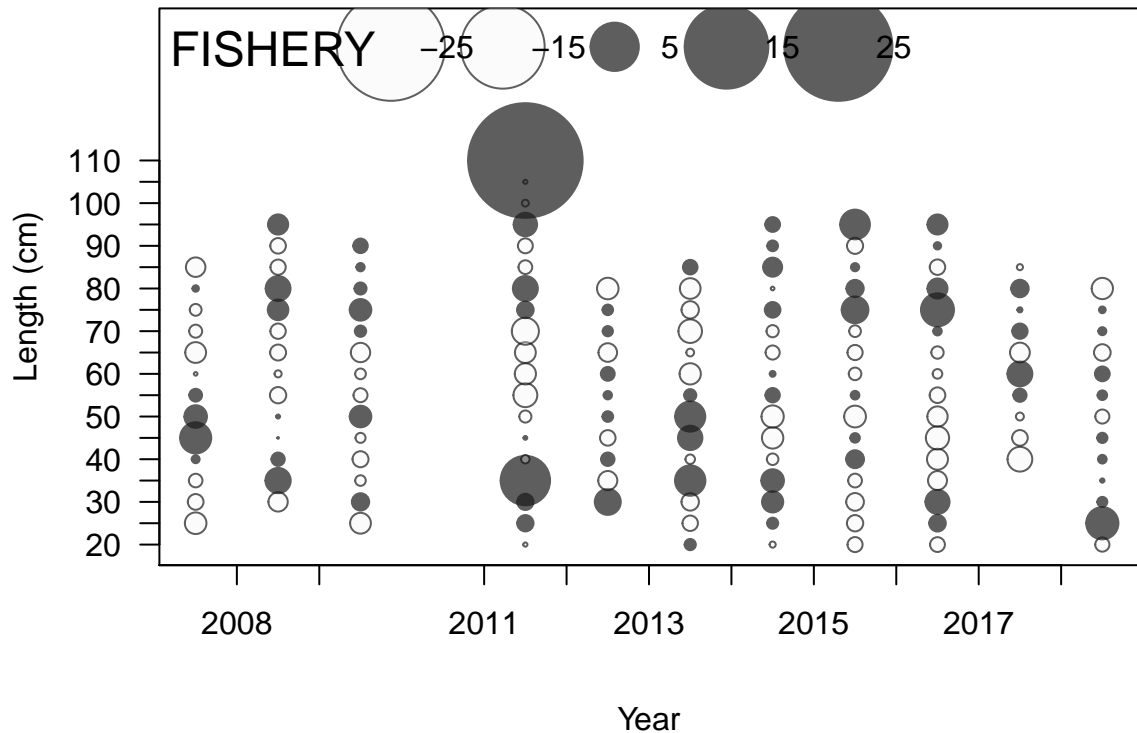
Length (cm)



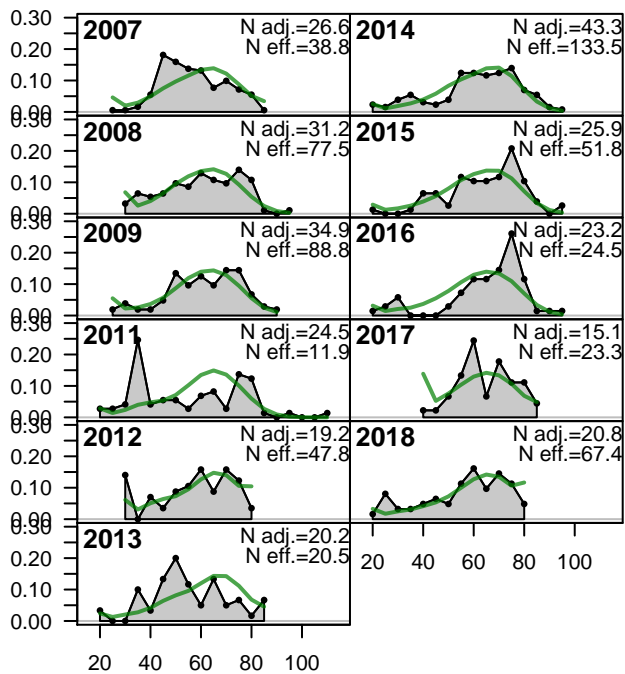
FISHERY (whole catch)



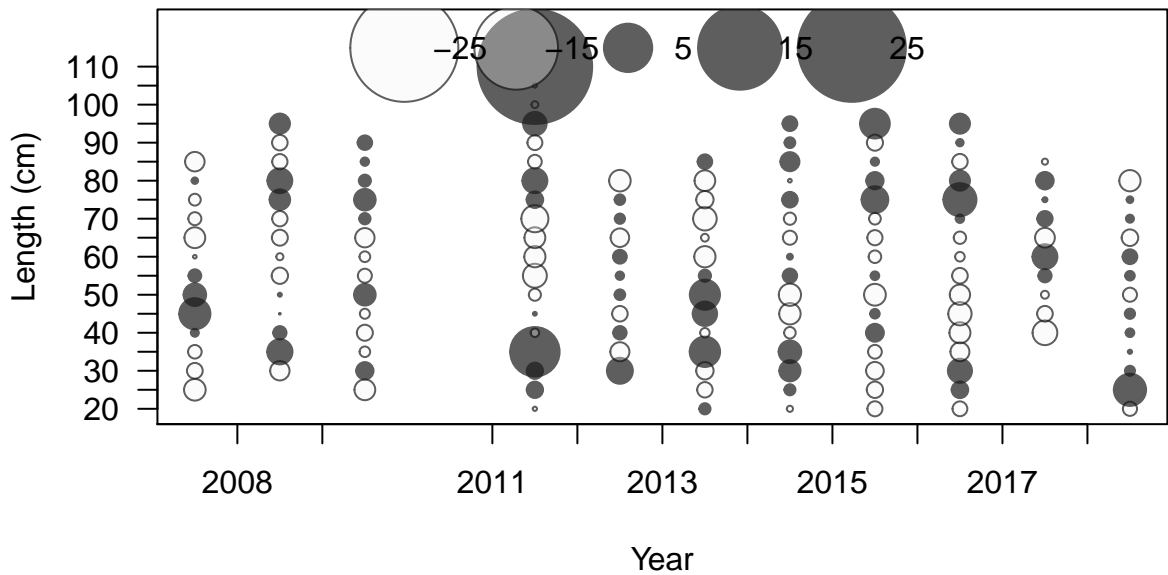




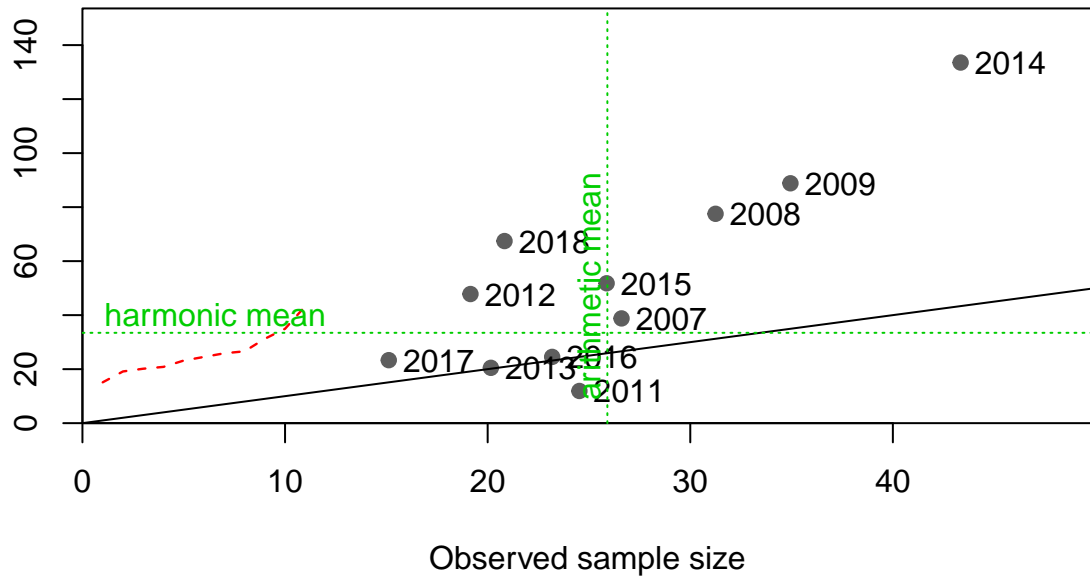
Proportion



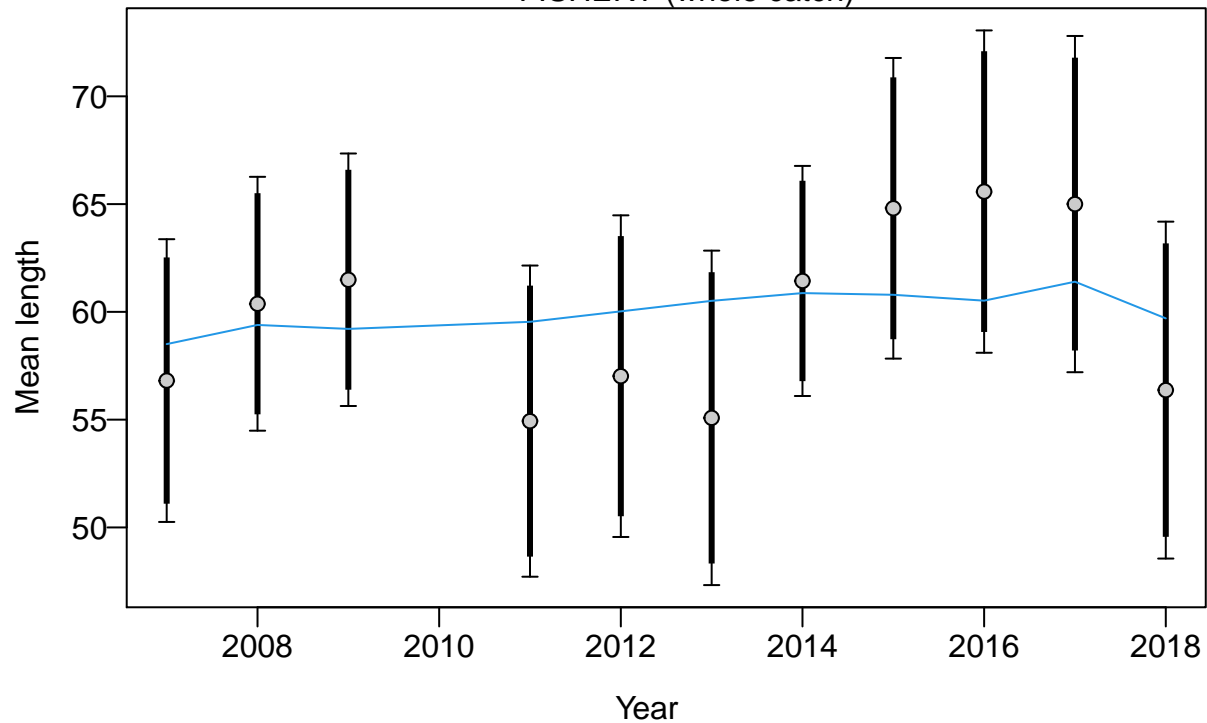
Length (cm)

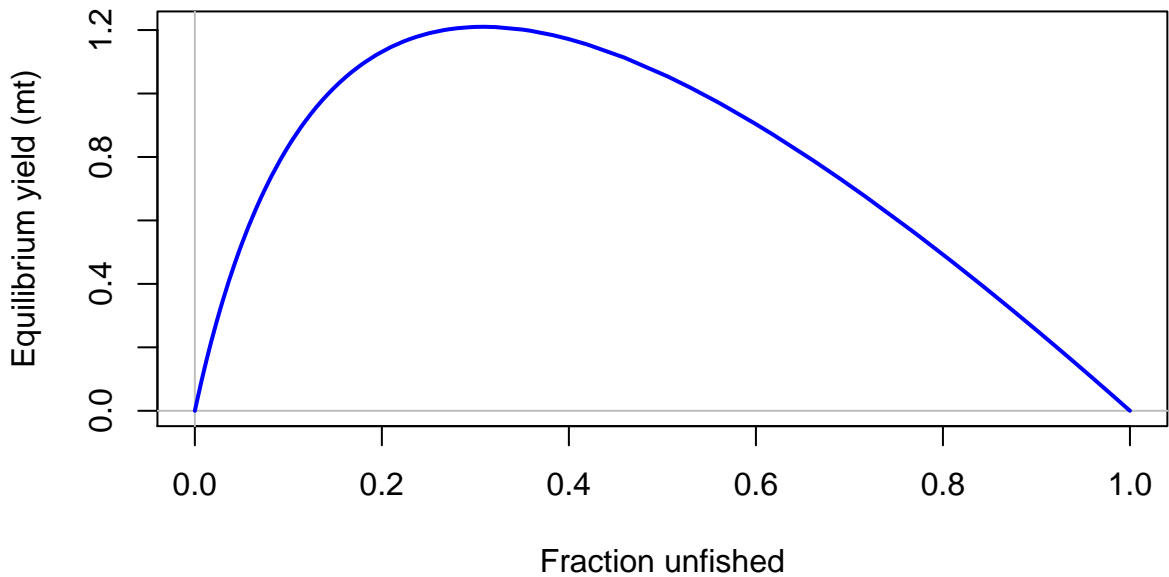


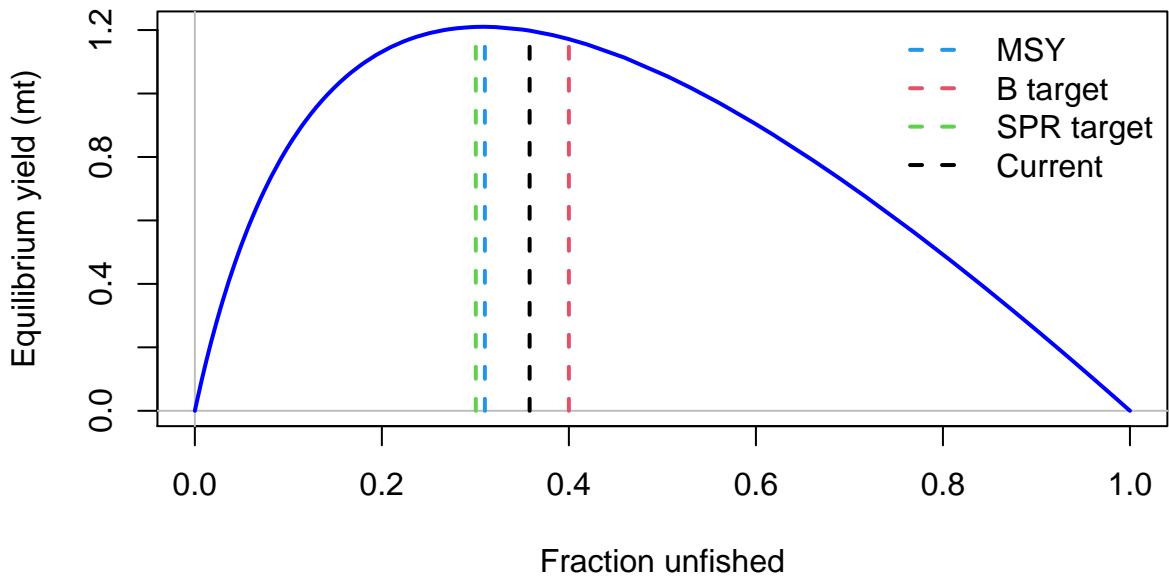
Effective sample size

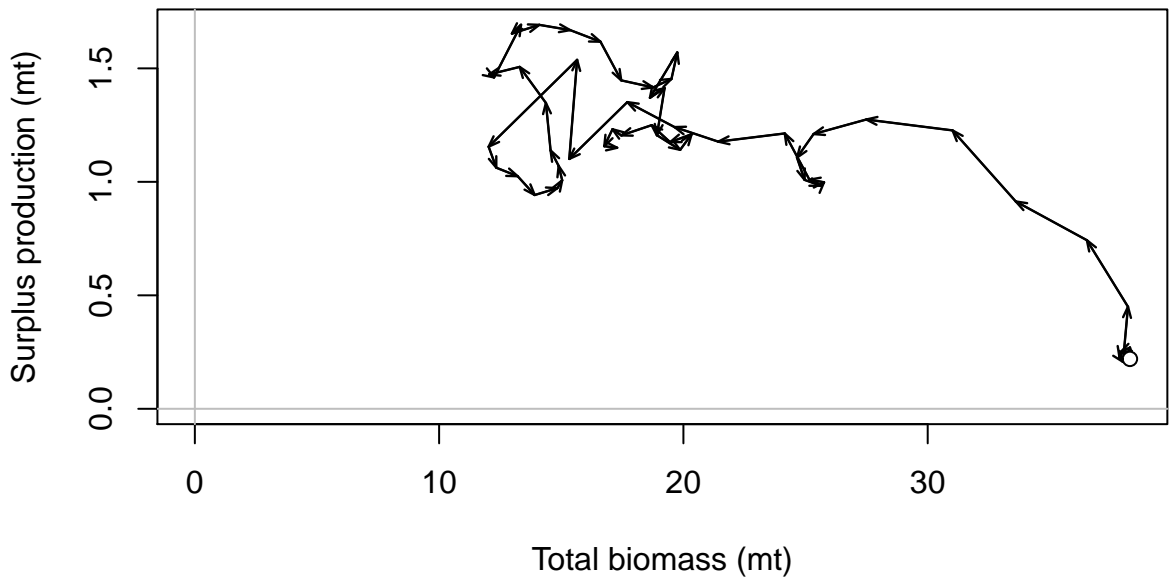


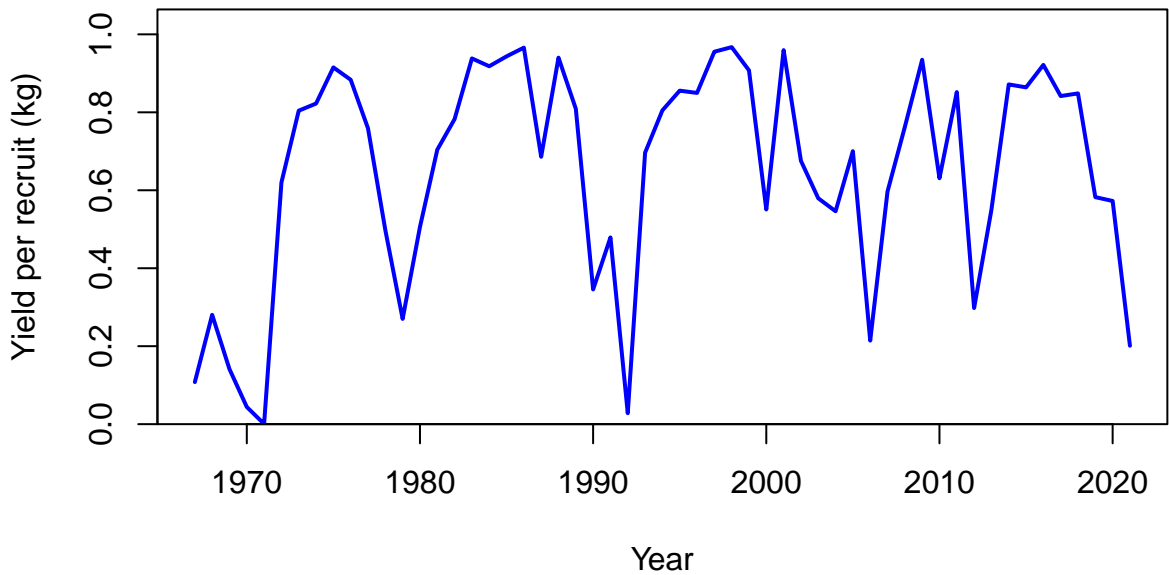
FISHERY (whole catch)

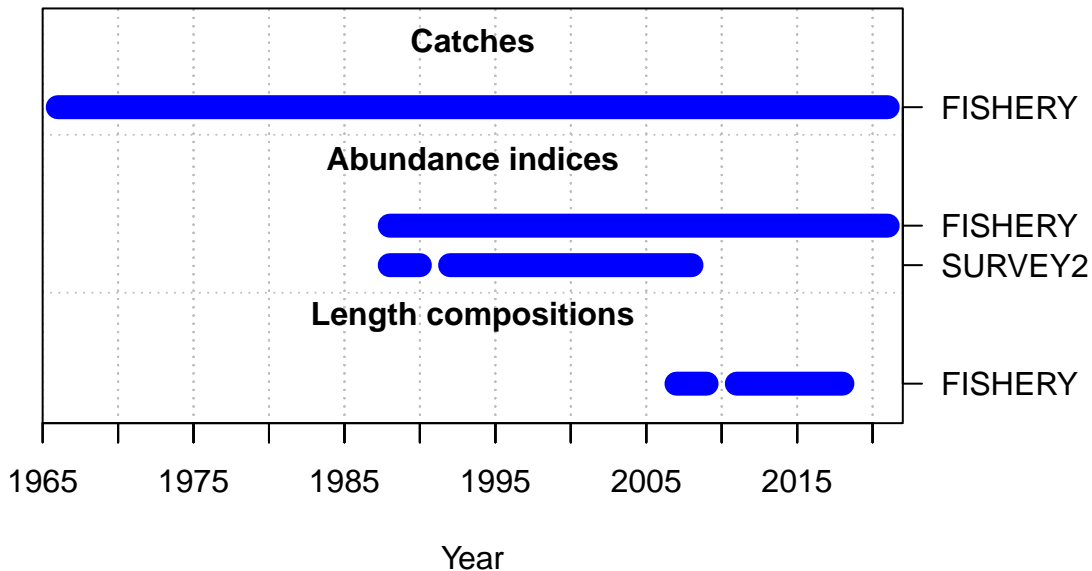


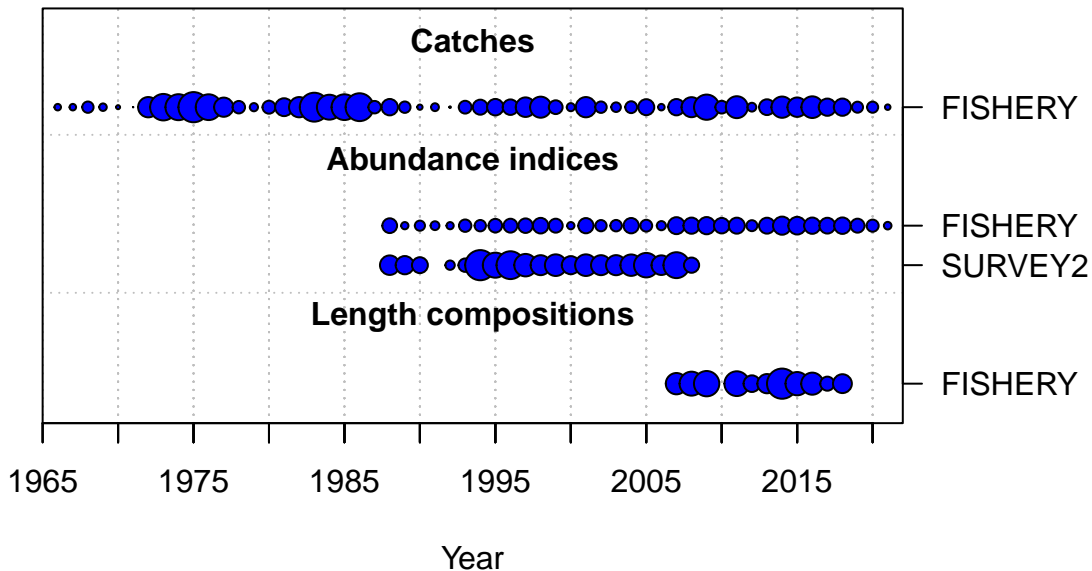




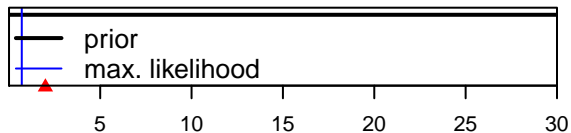




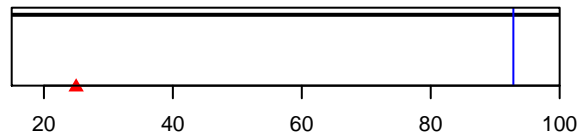




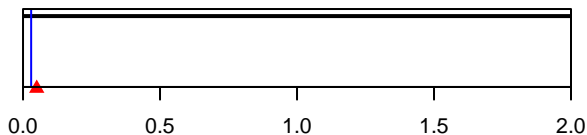
SR_LN(R0)



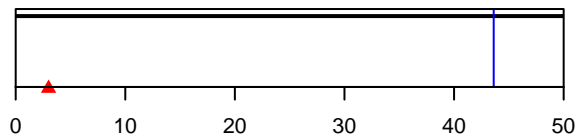
Size_inflection_FISHERY(1)



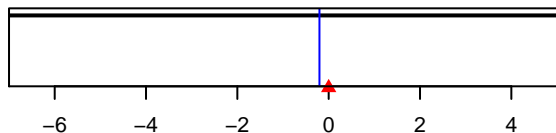
InitF_seas_1_flt_1FISHERY



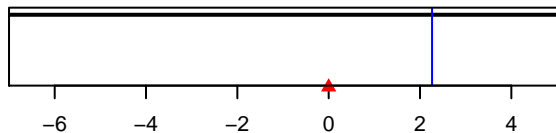
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)



Parameter value