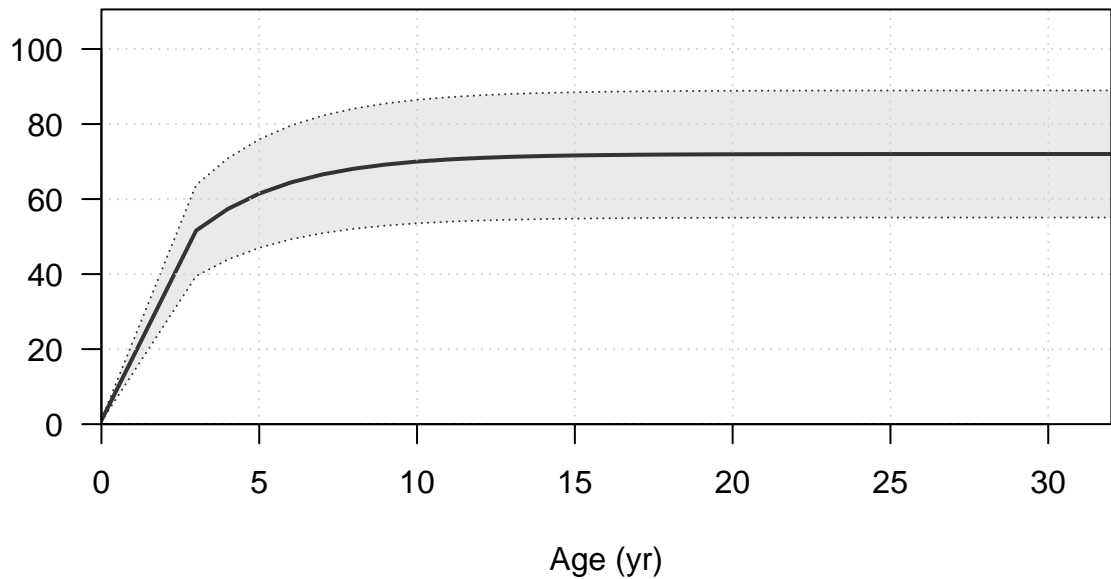
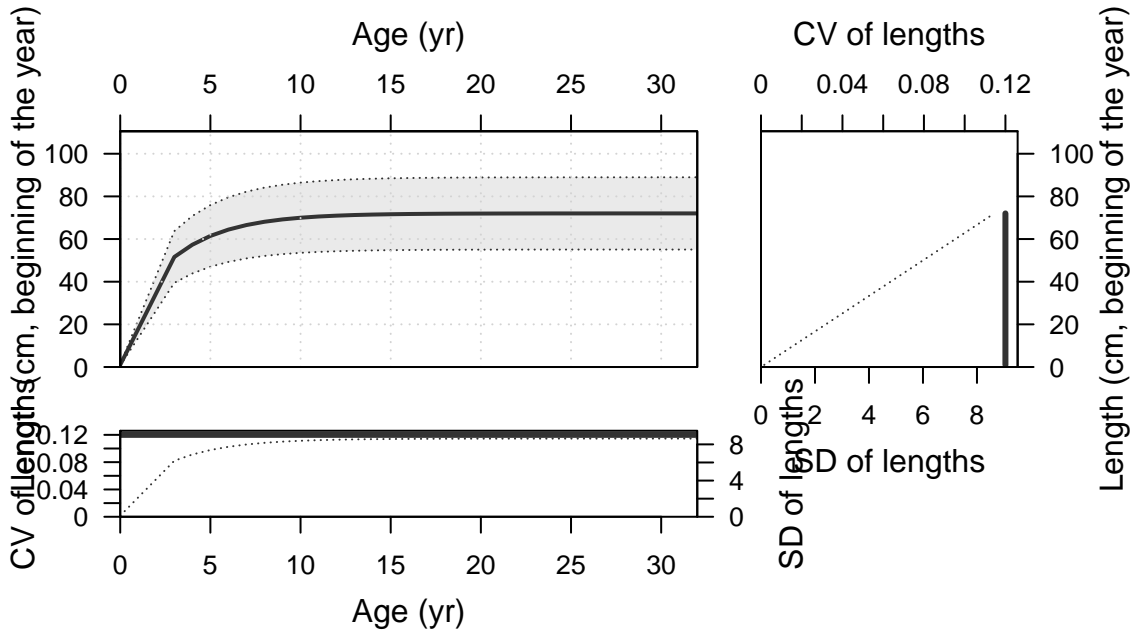
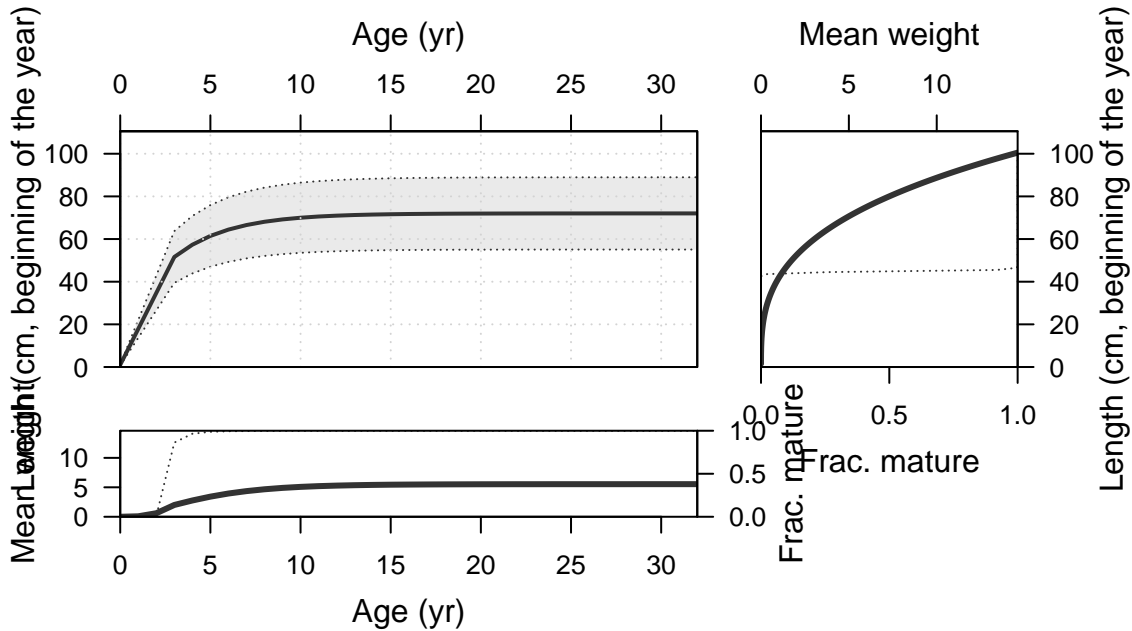


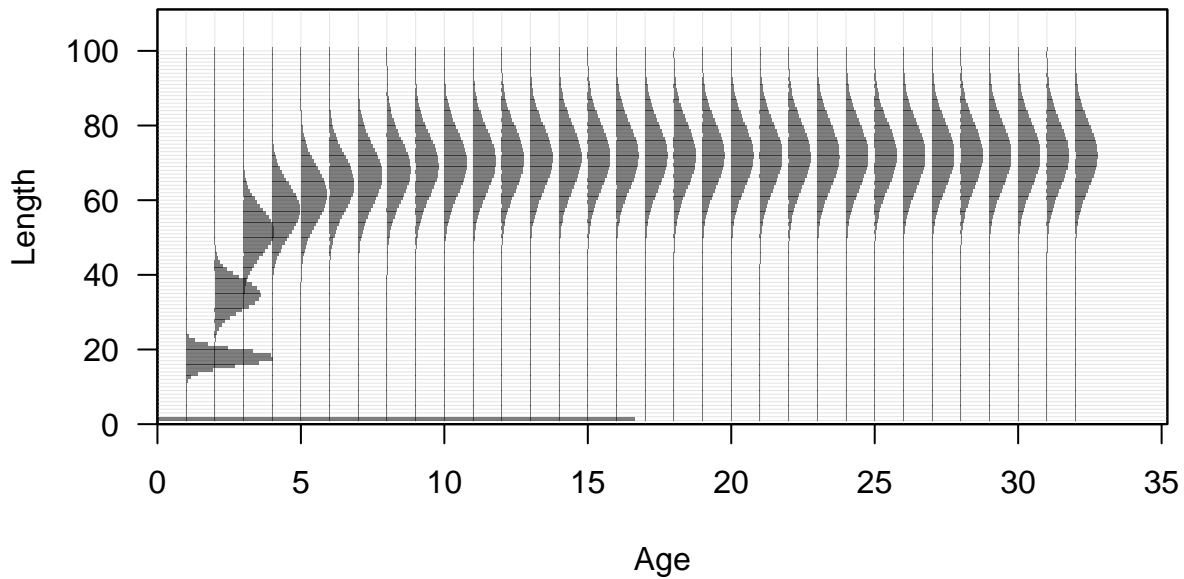
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Wed Jun 29 16:51:19 2022
Data_File: data.ss
Control_File: control.ss

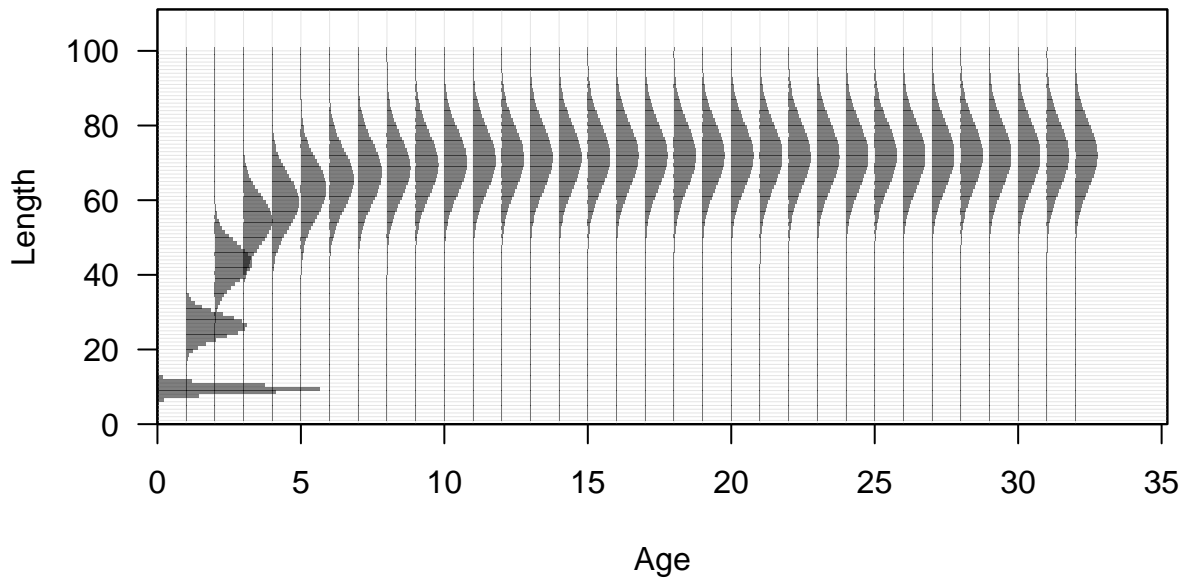
Length (cm, beginning of the year)

















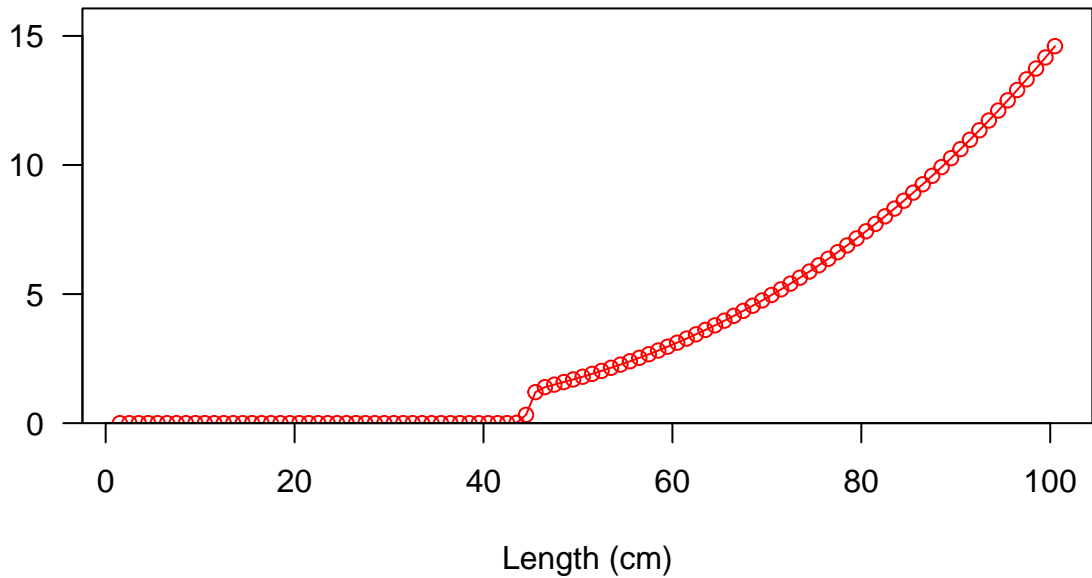
Fecundity

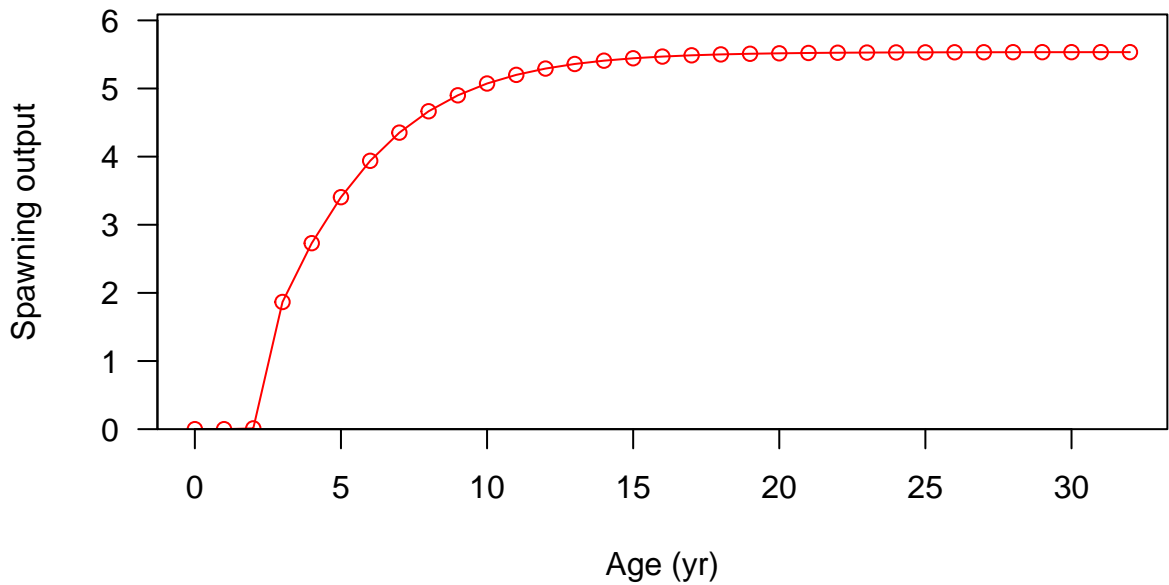


Fecundity

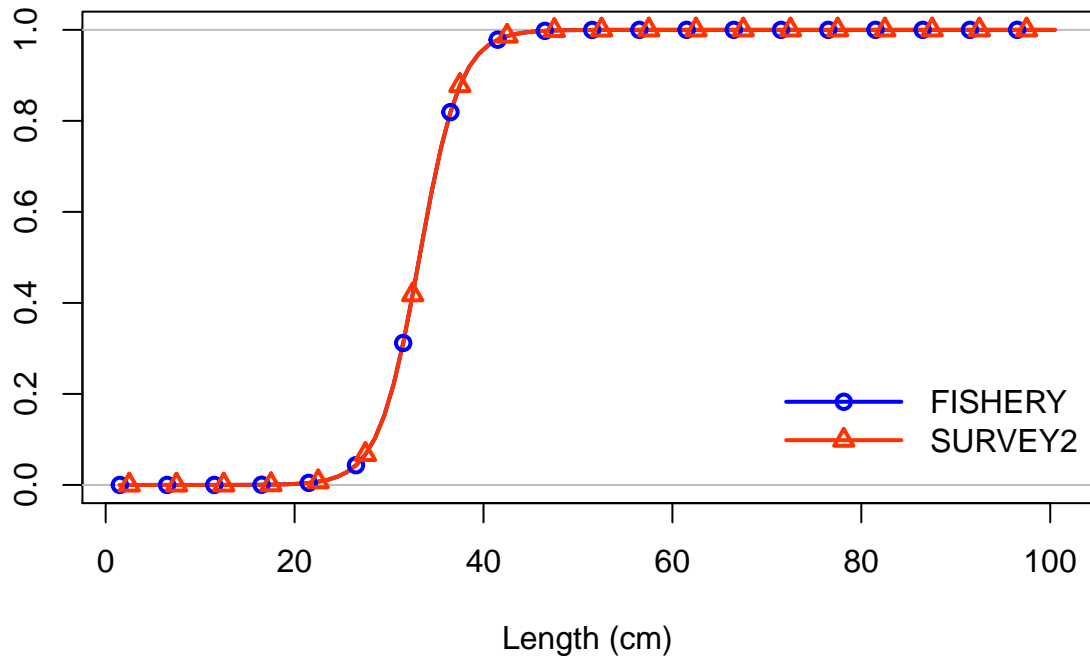


Spawning output

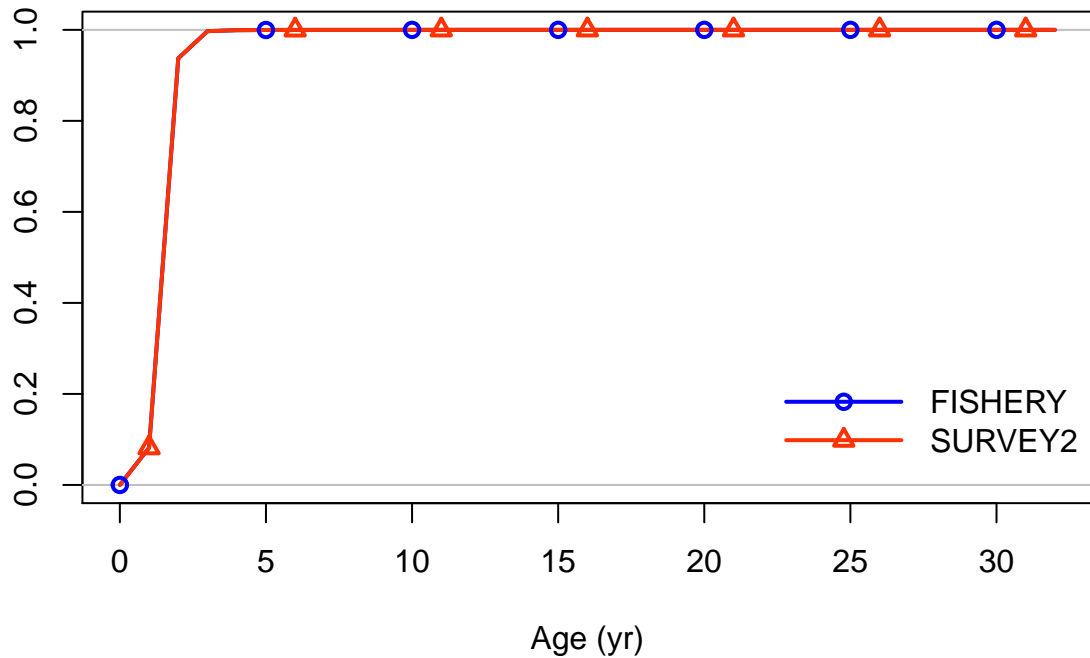




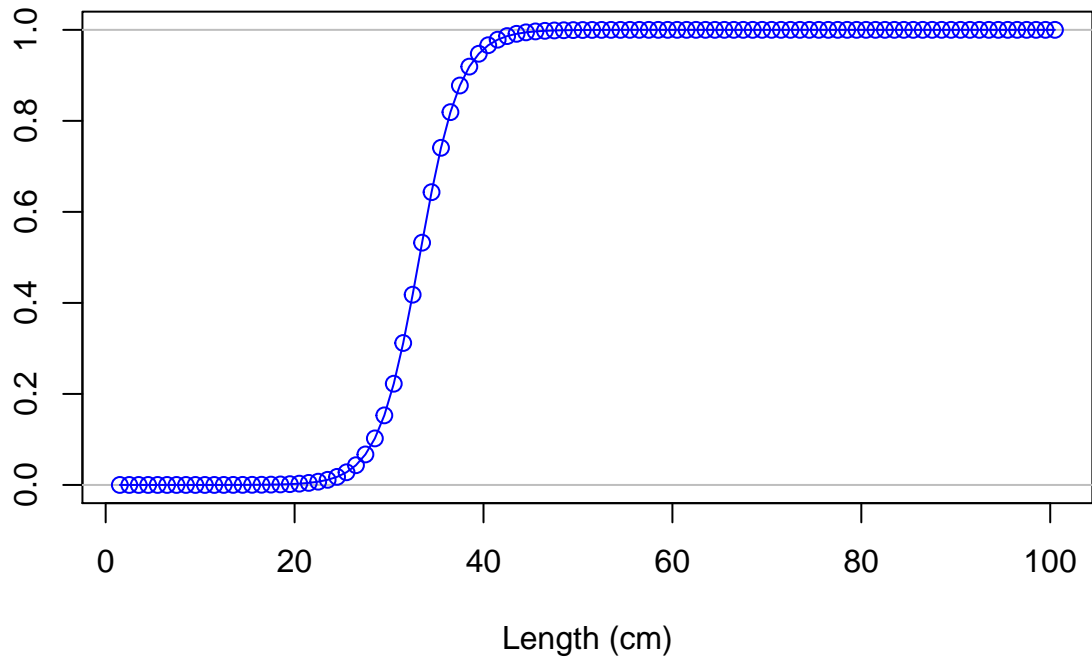
Selectivity



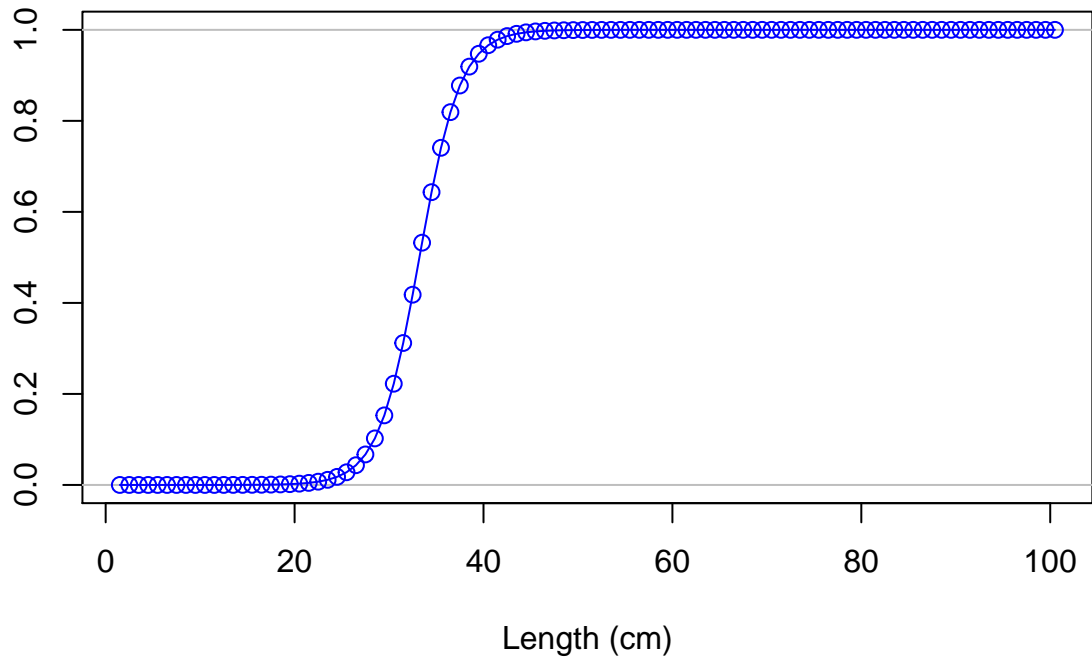
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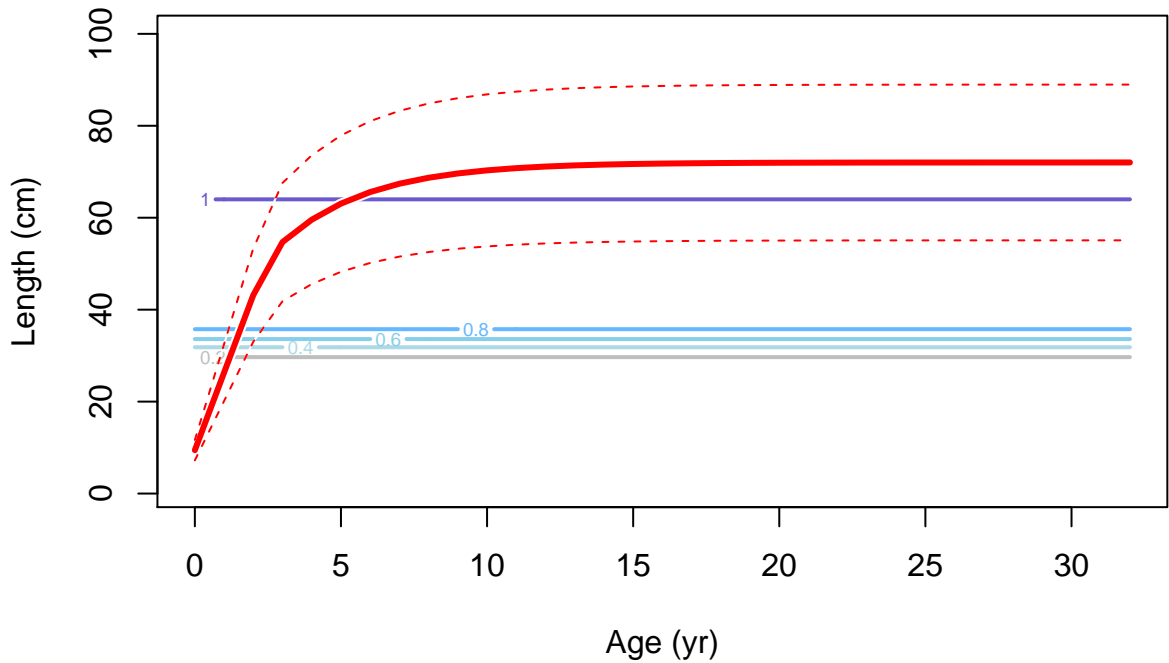


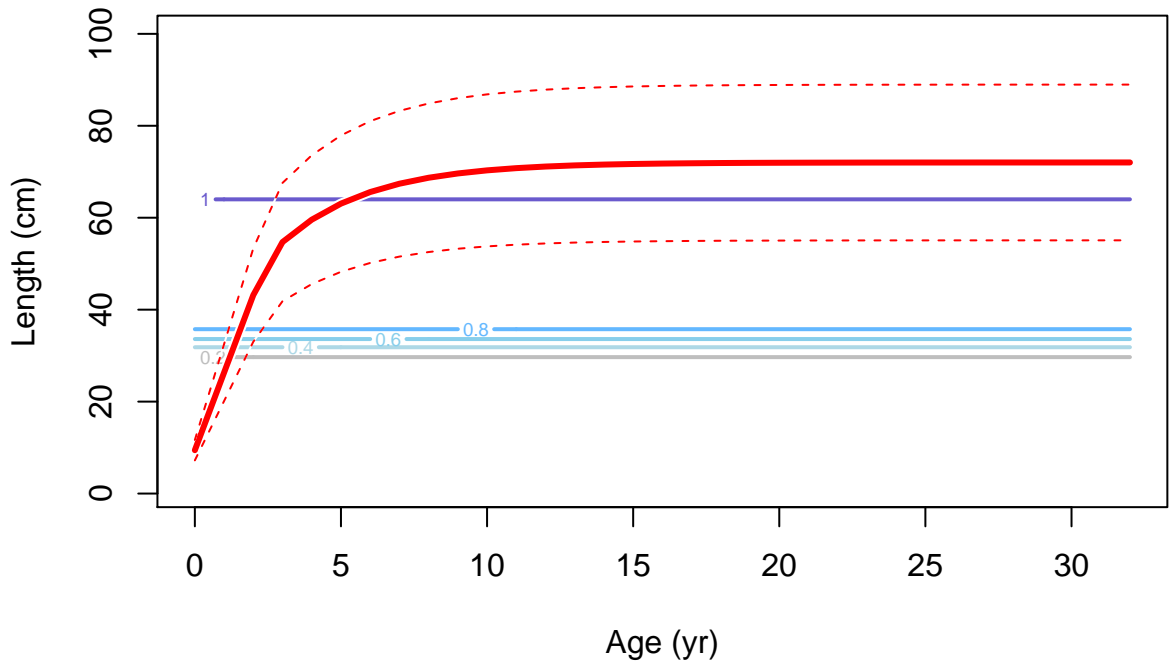
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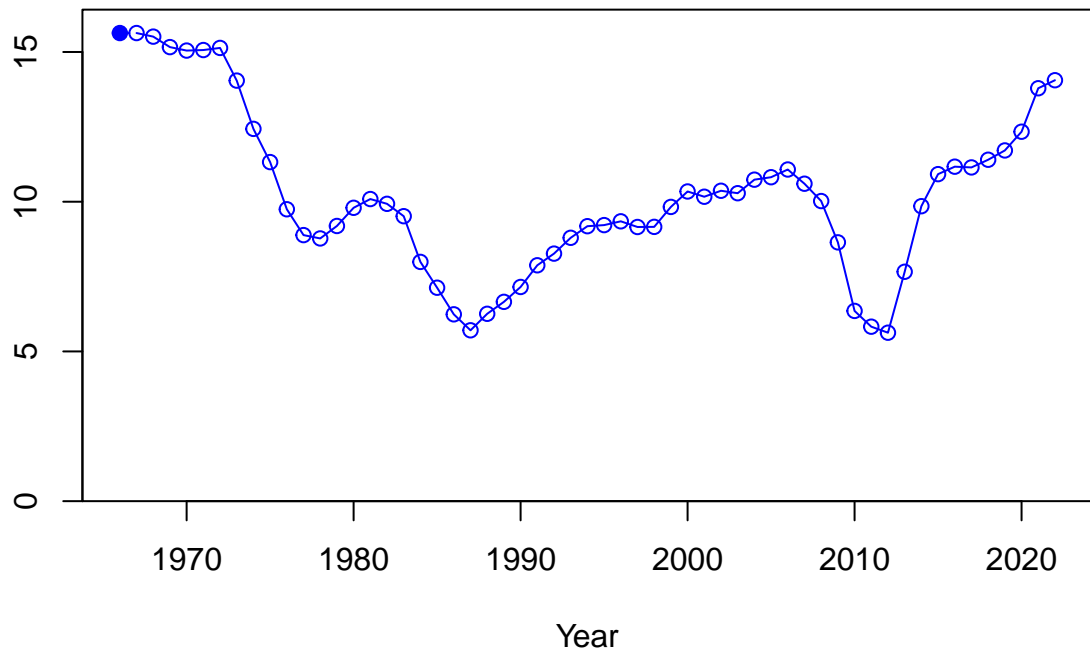
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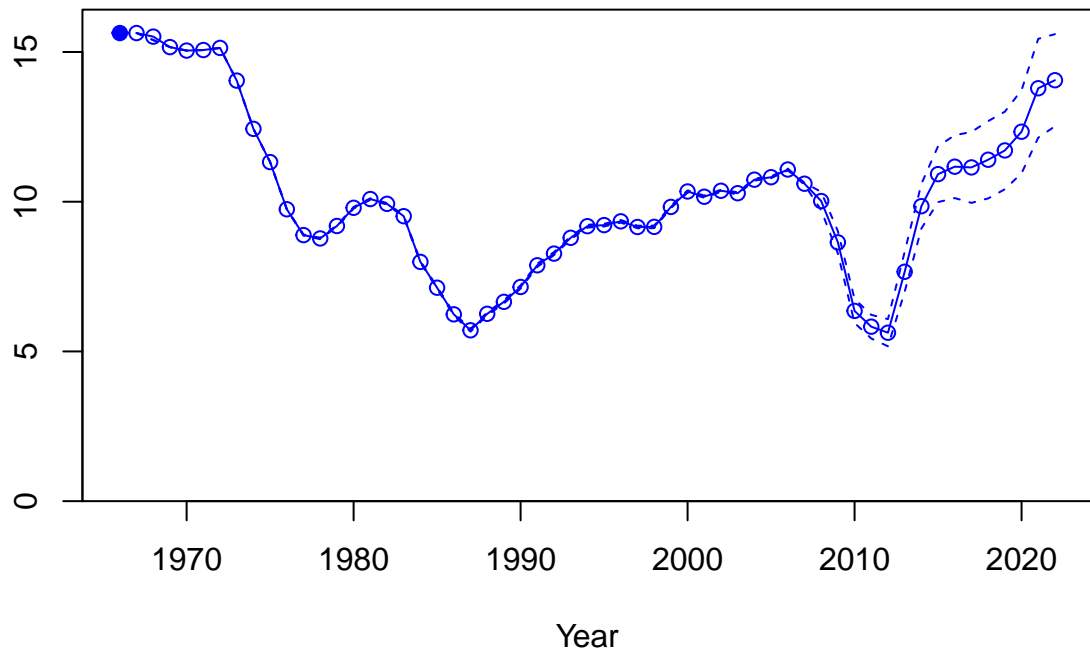




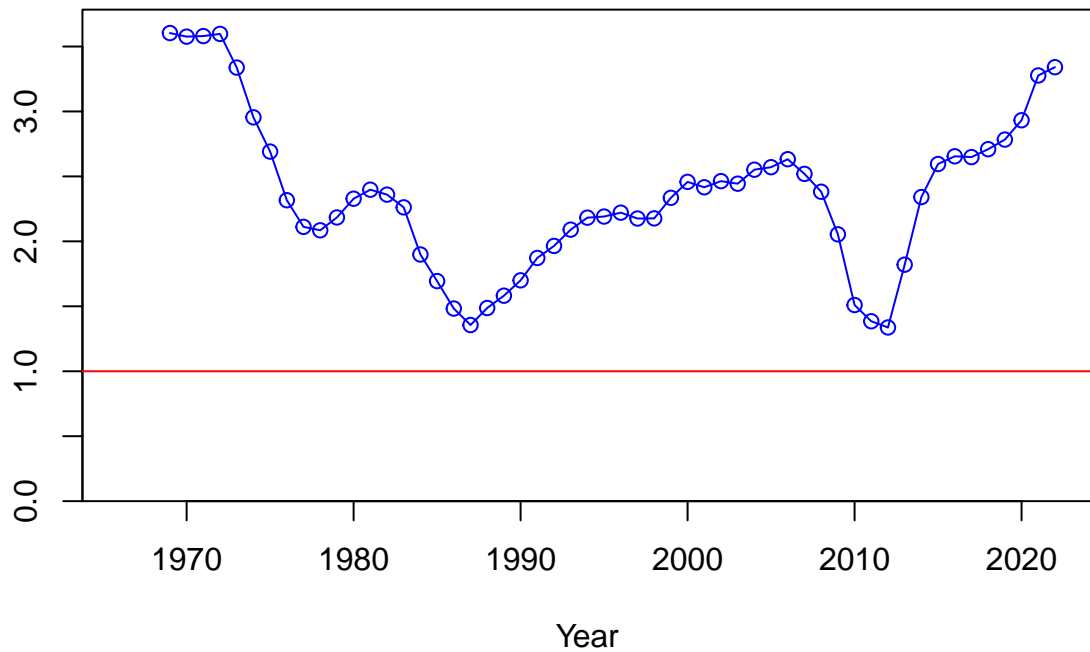
Spawning biomass (mt)



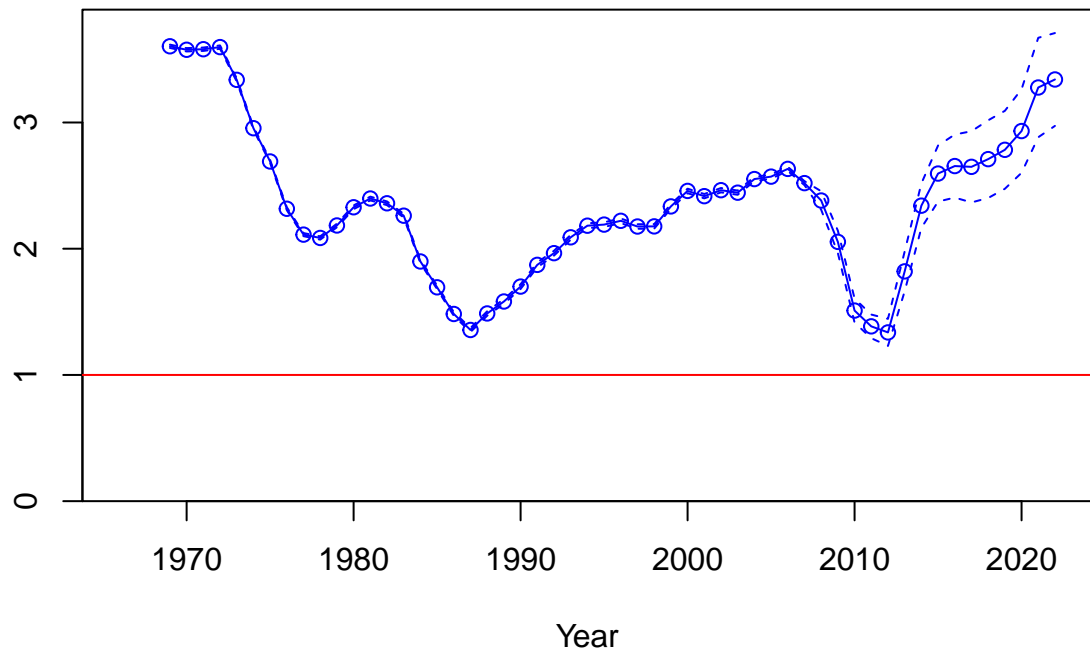
Spawning biomass (mt)

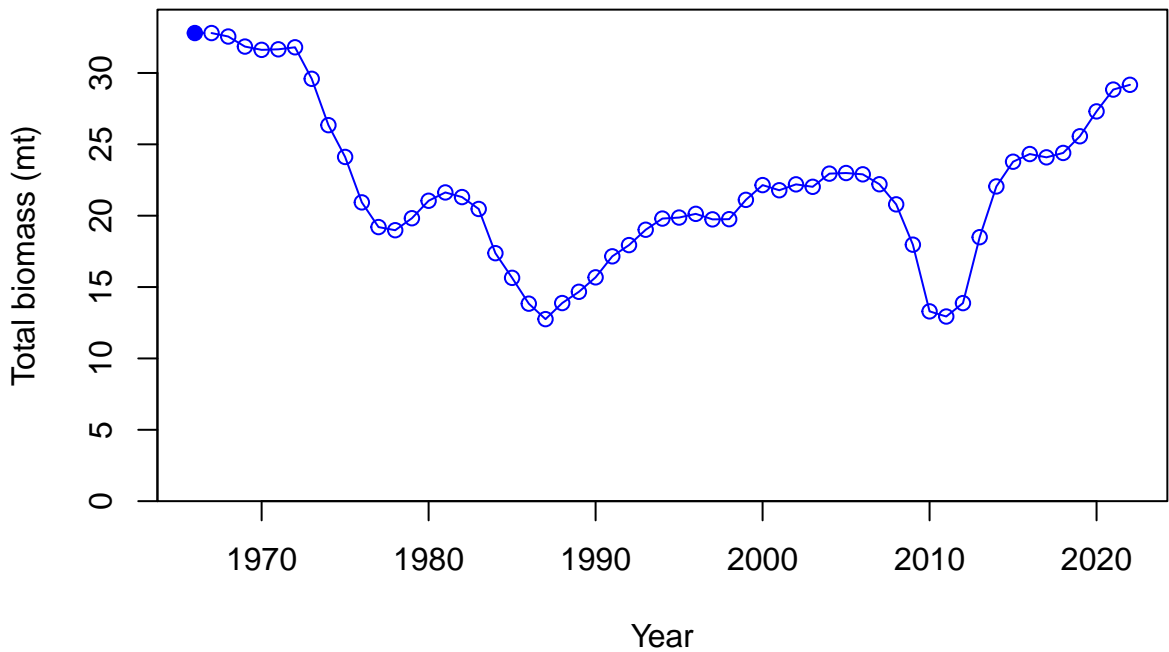


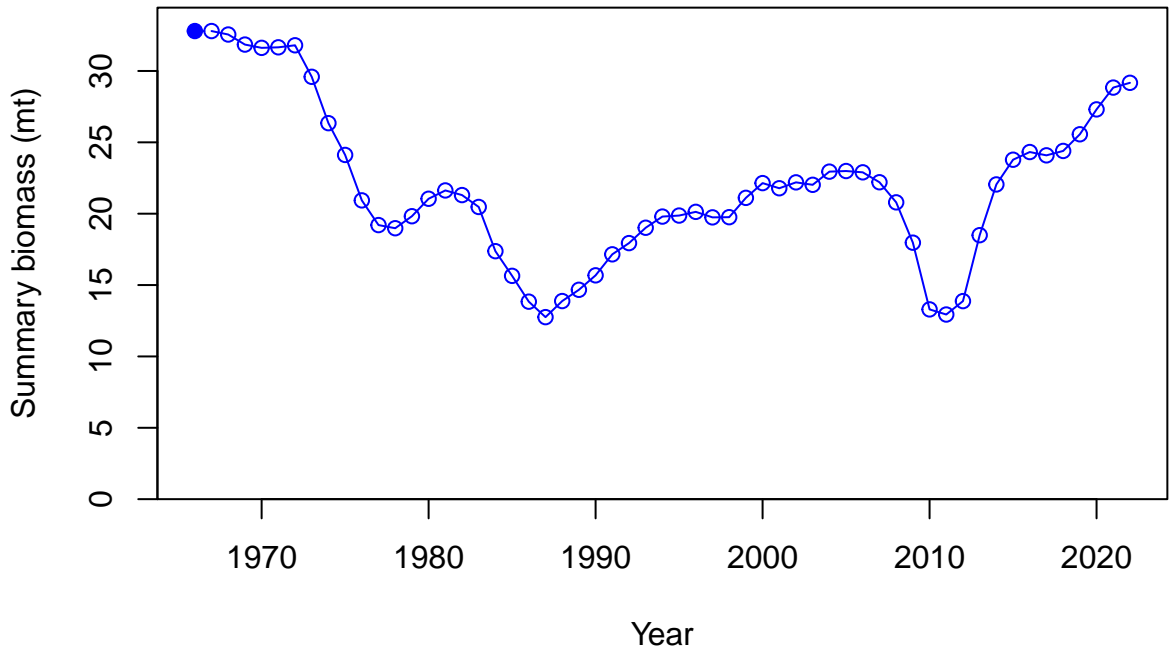
Relative spawning biomass: B/B_{MSY}



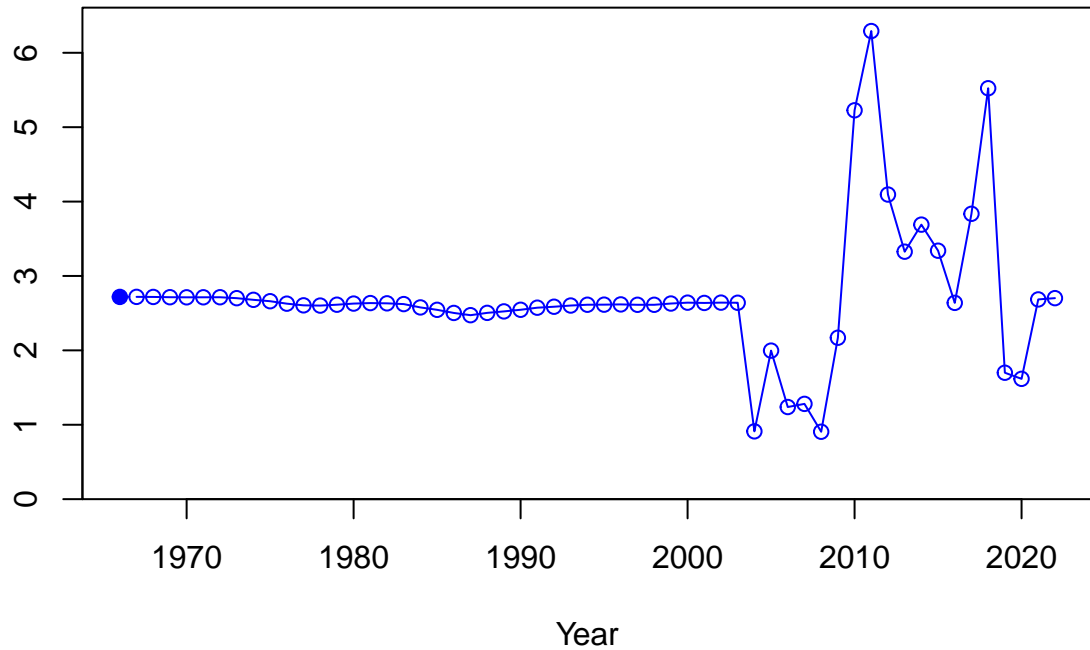
Relative spawning biomass: B/B_{MSY}



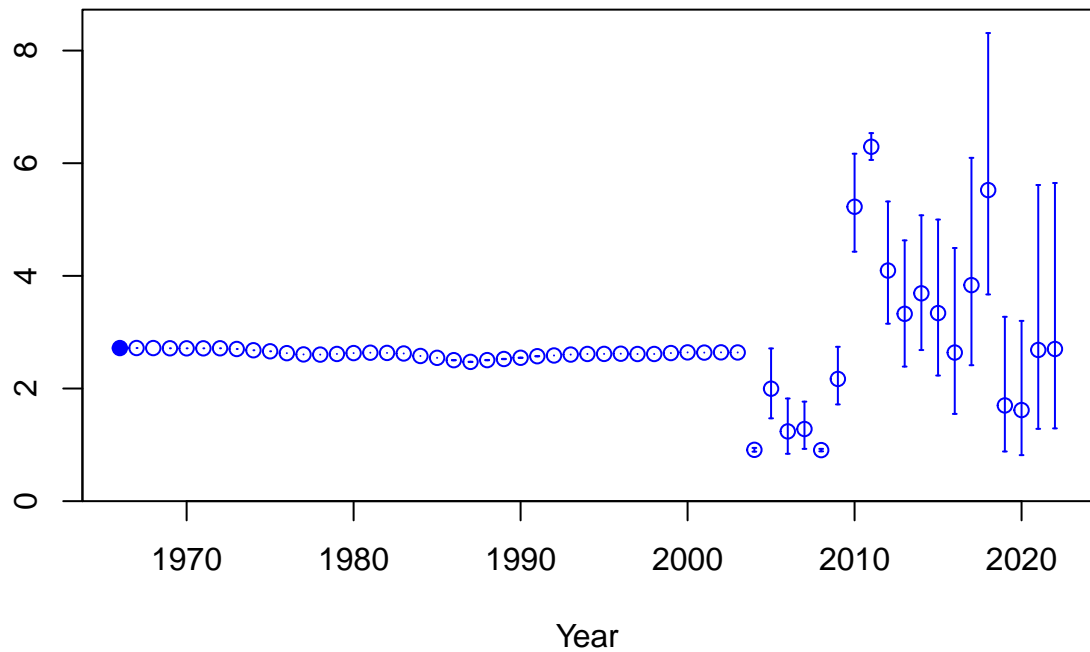




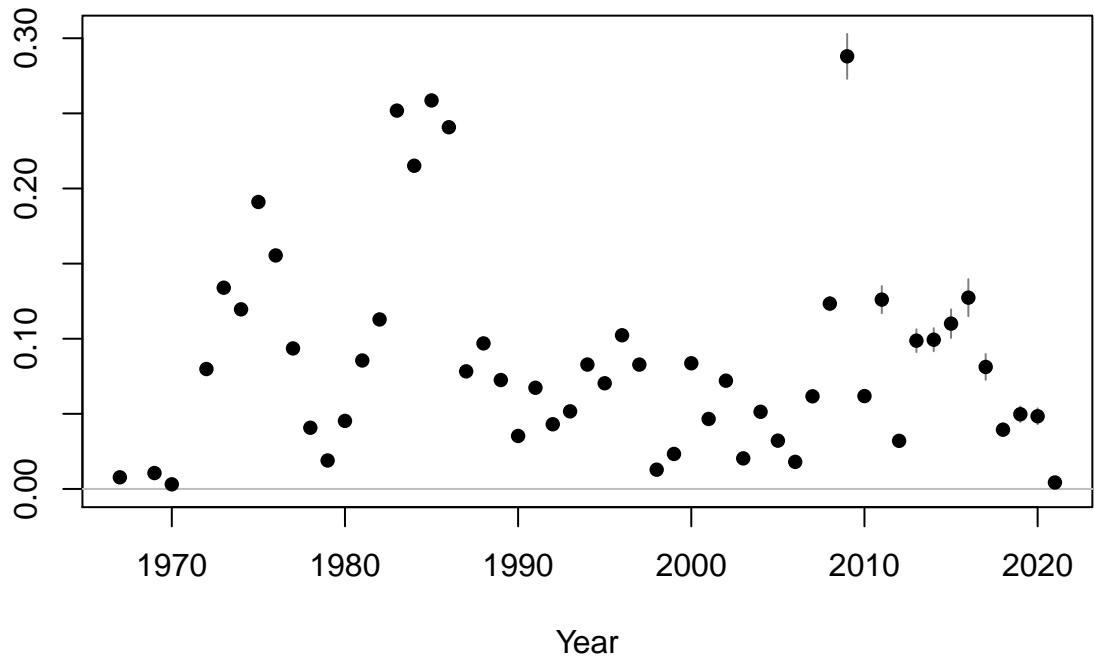
Age-0 recruits (1,000s)

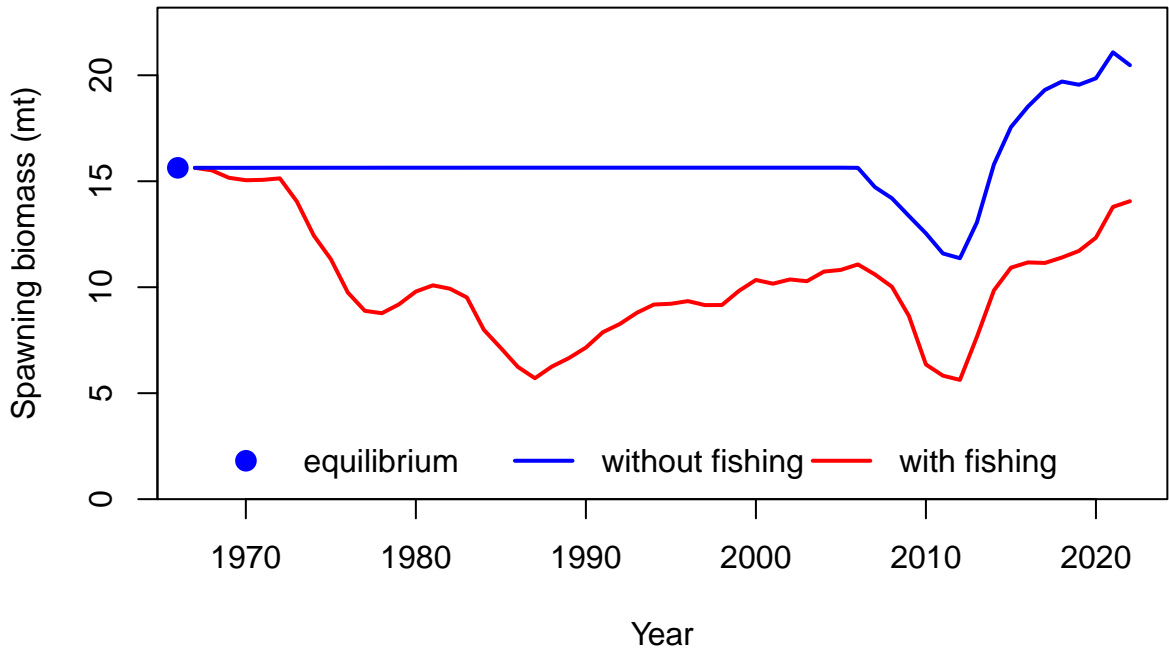


Age-0 recruits (1,000s)

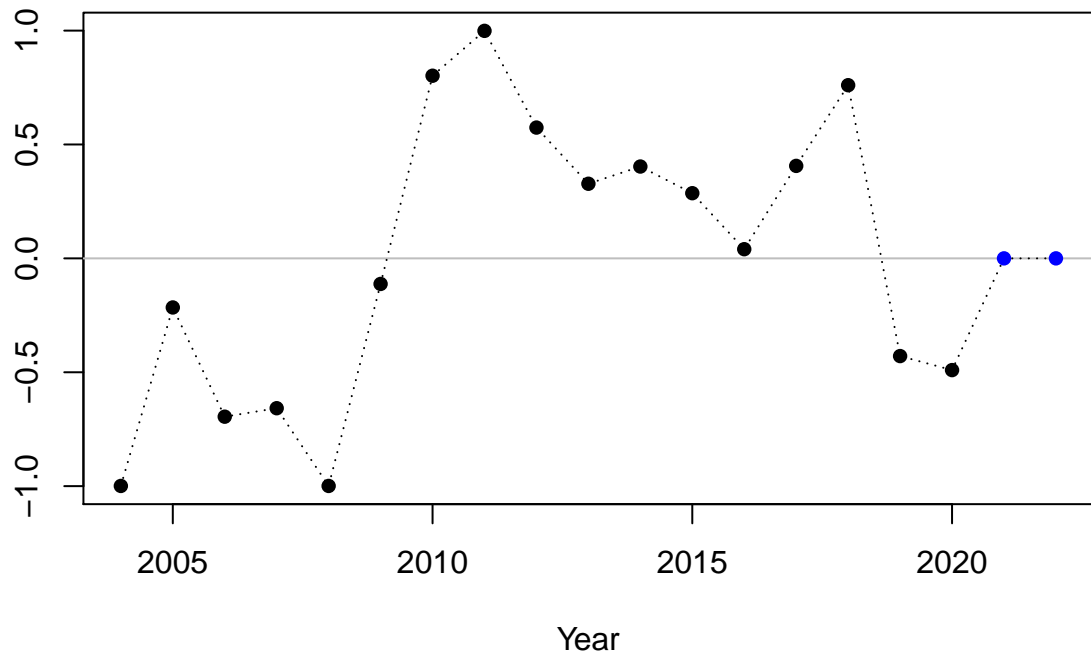


Summary Fishing Mortality

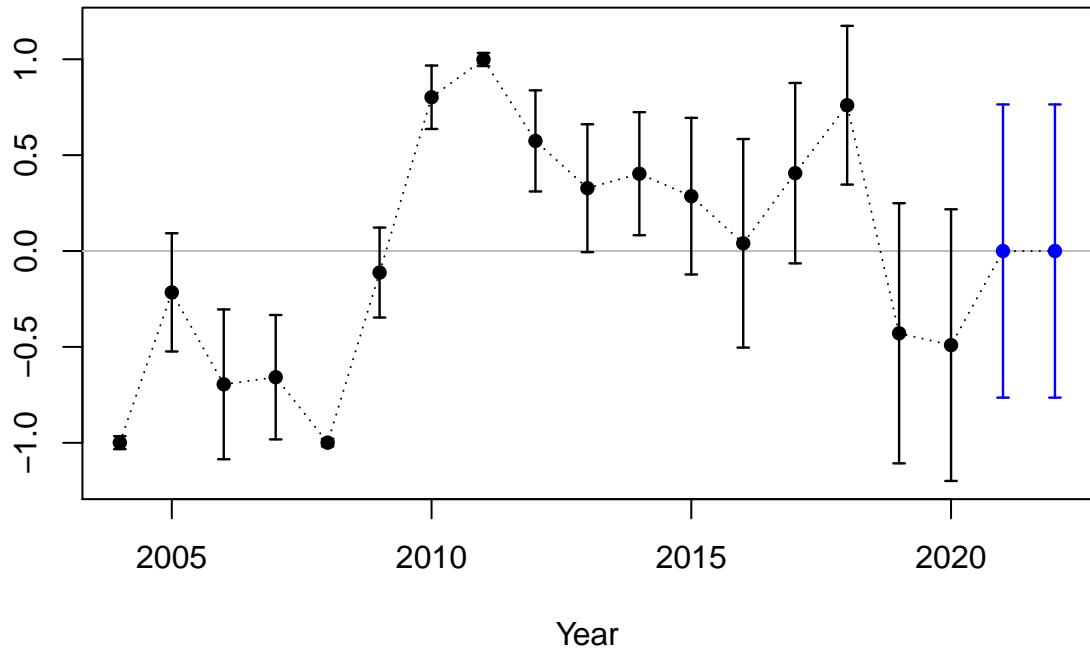




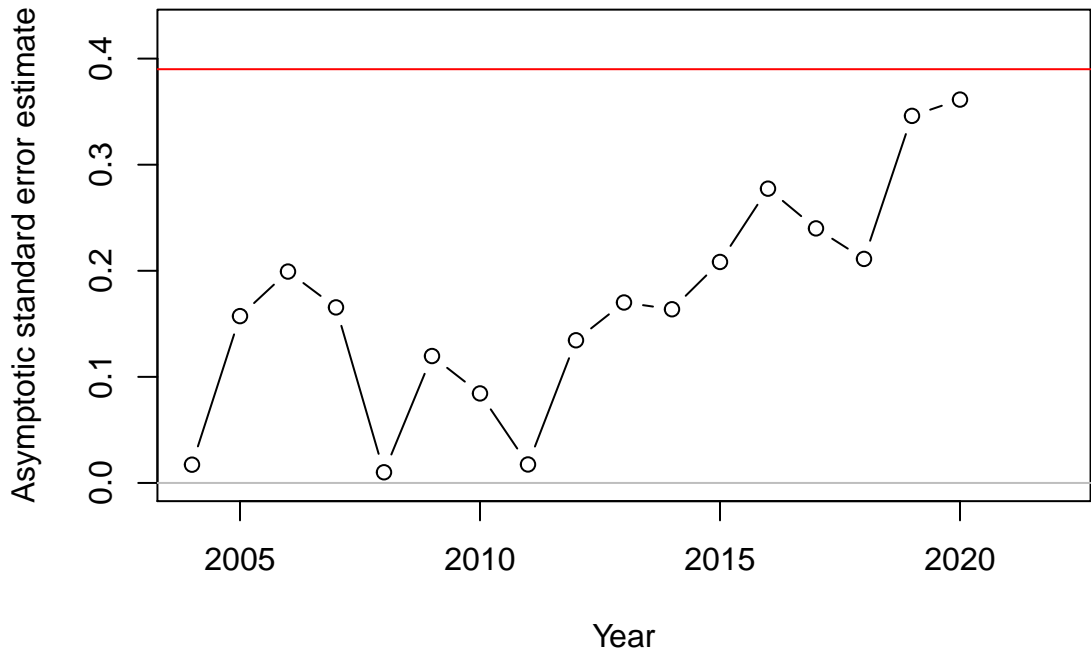
Log recruitment deviation

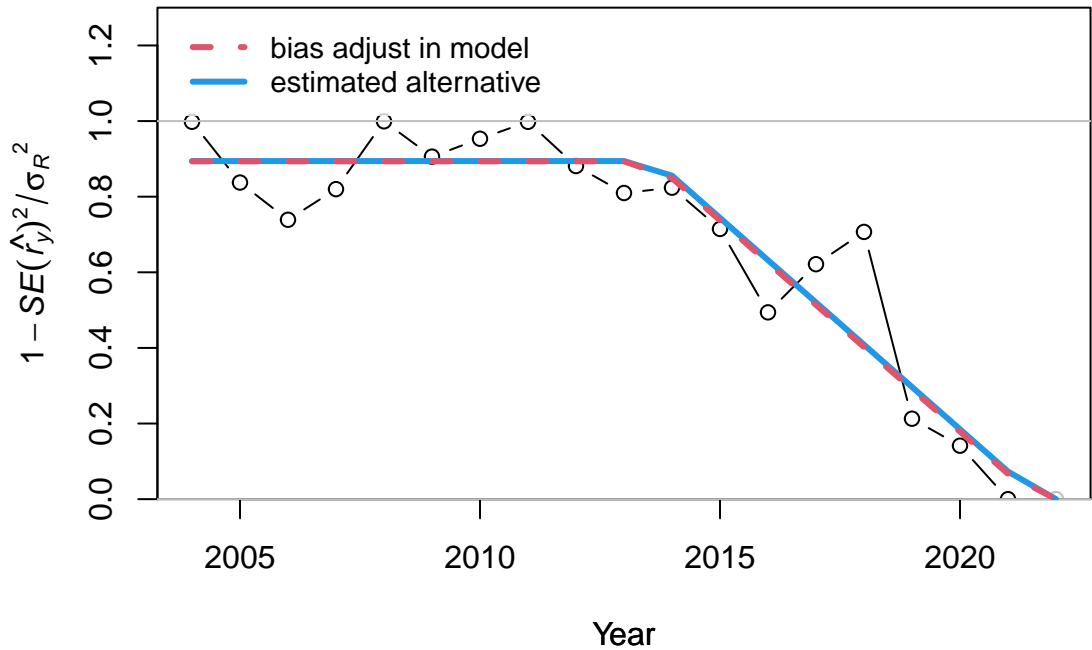


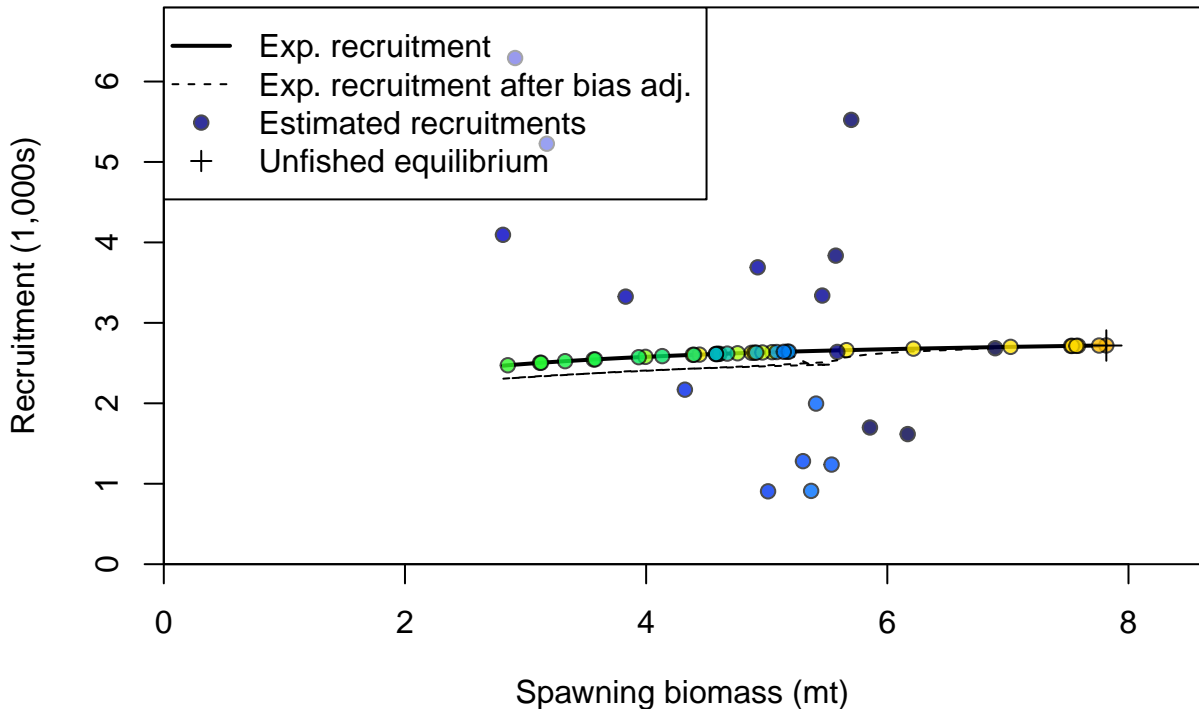
Log recruitment deviation

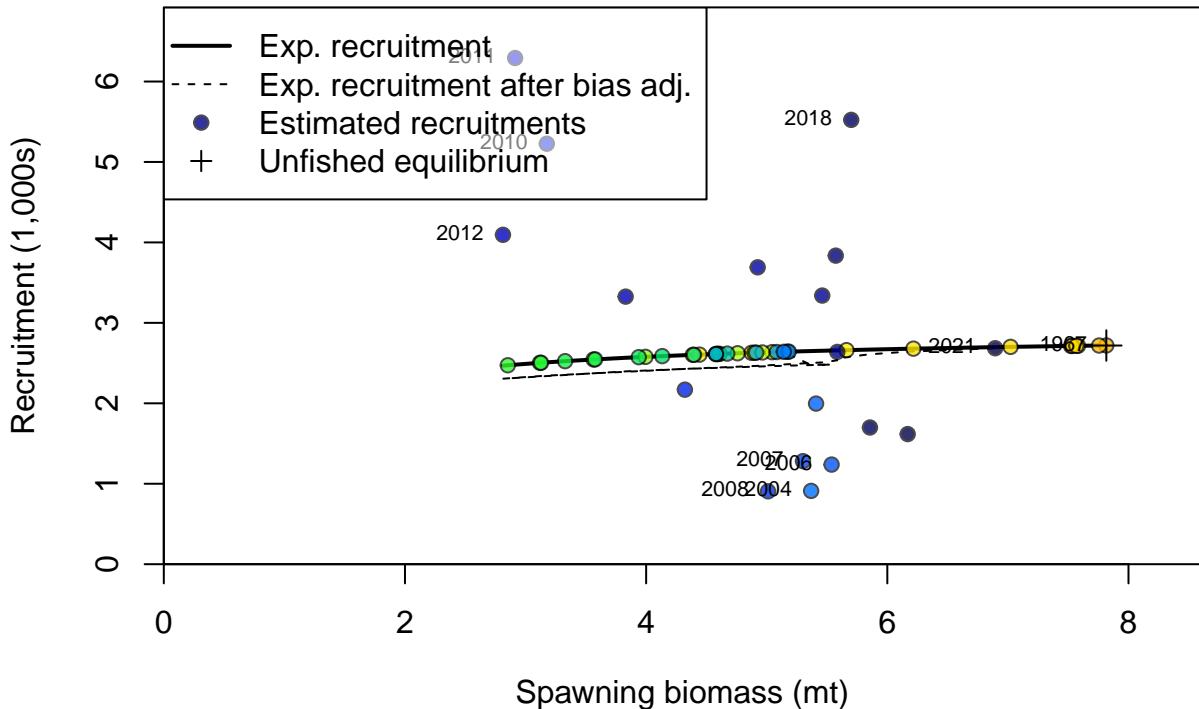


Recruitment deviation variance

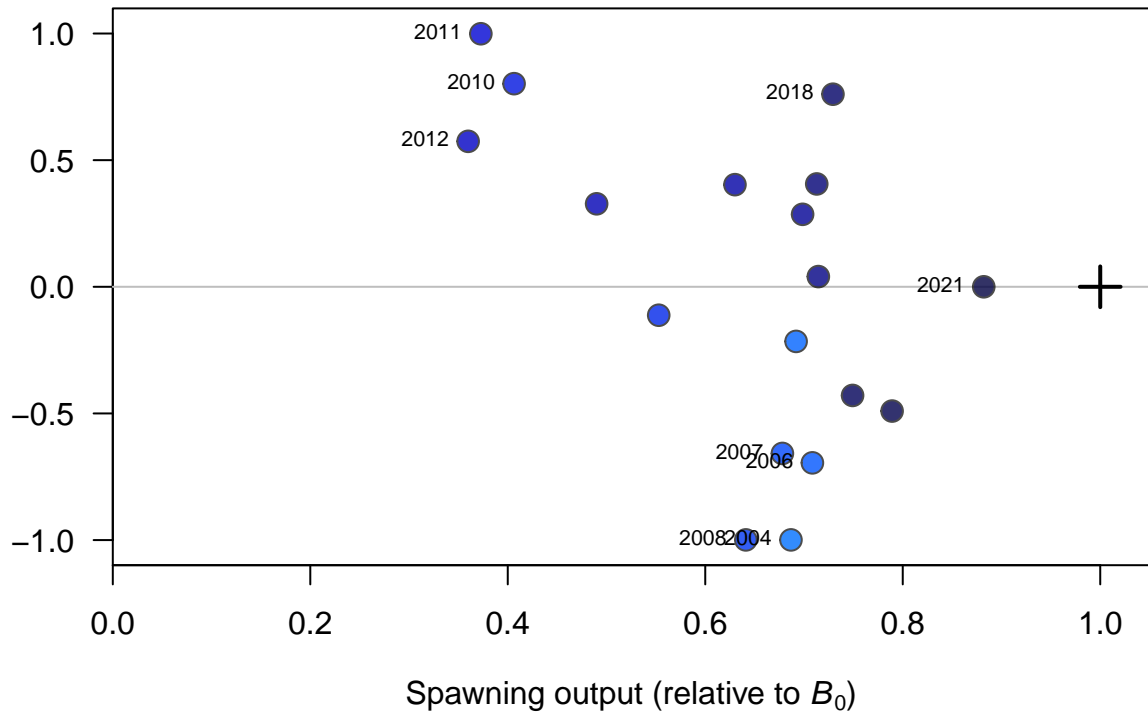


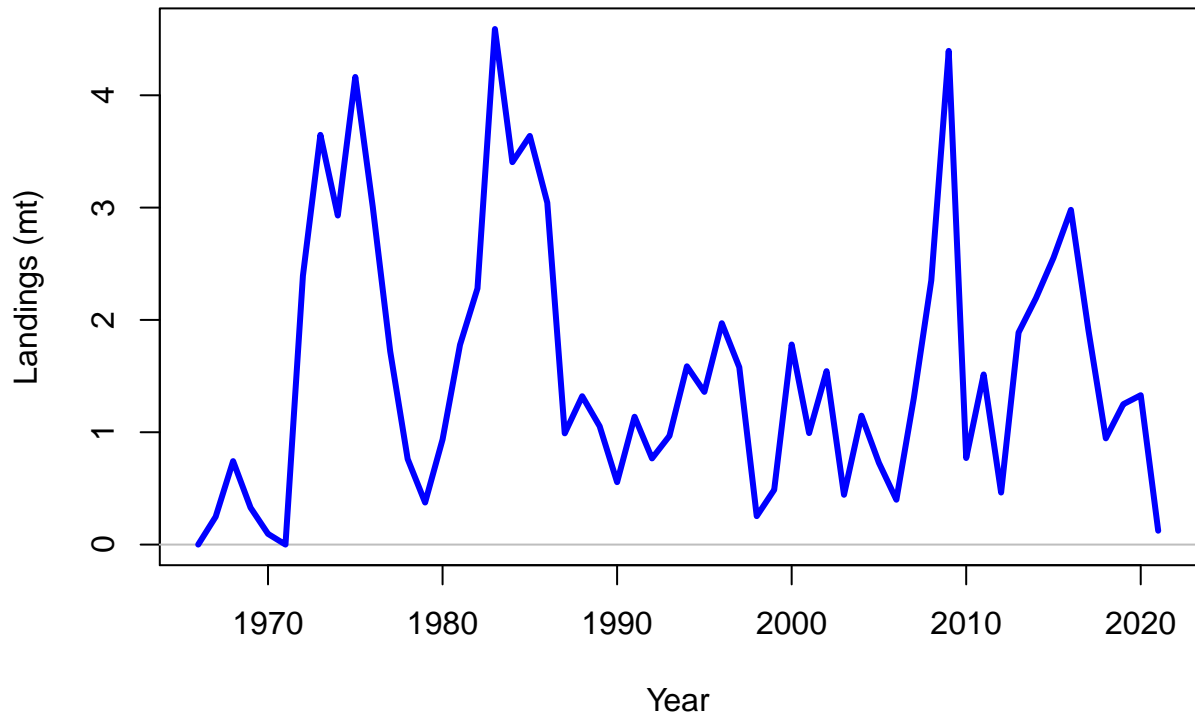


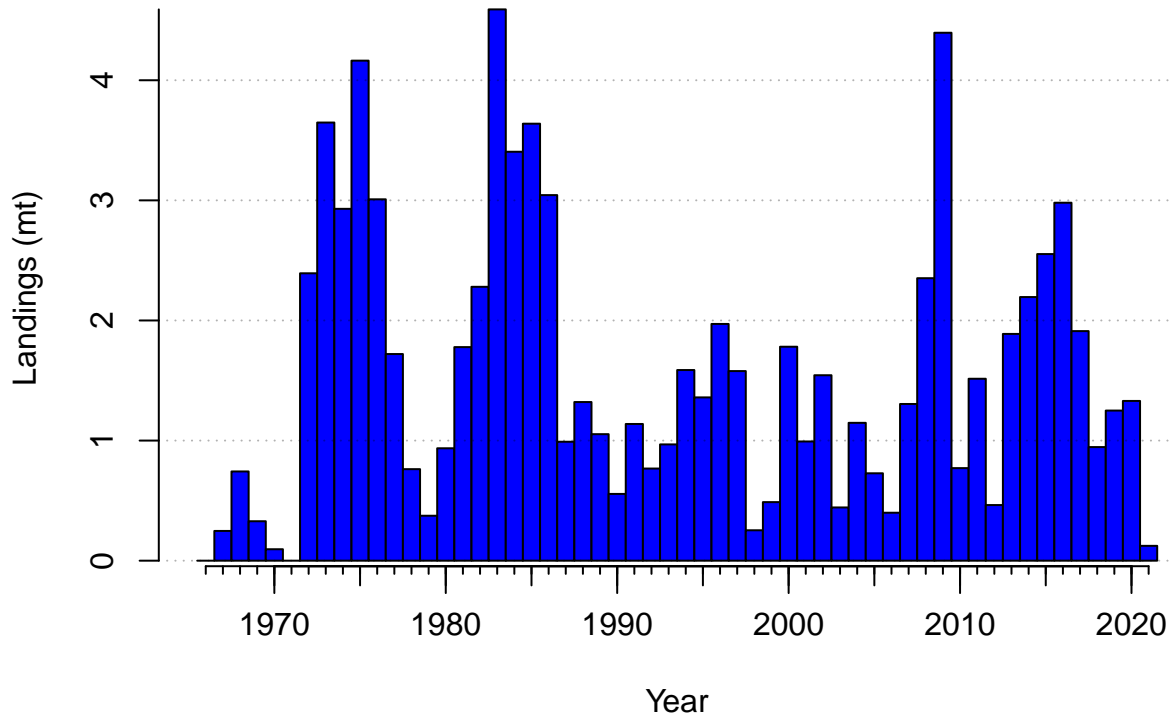


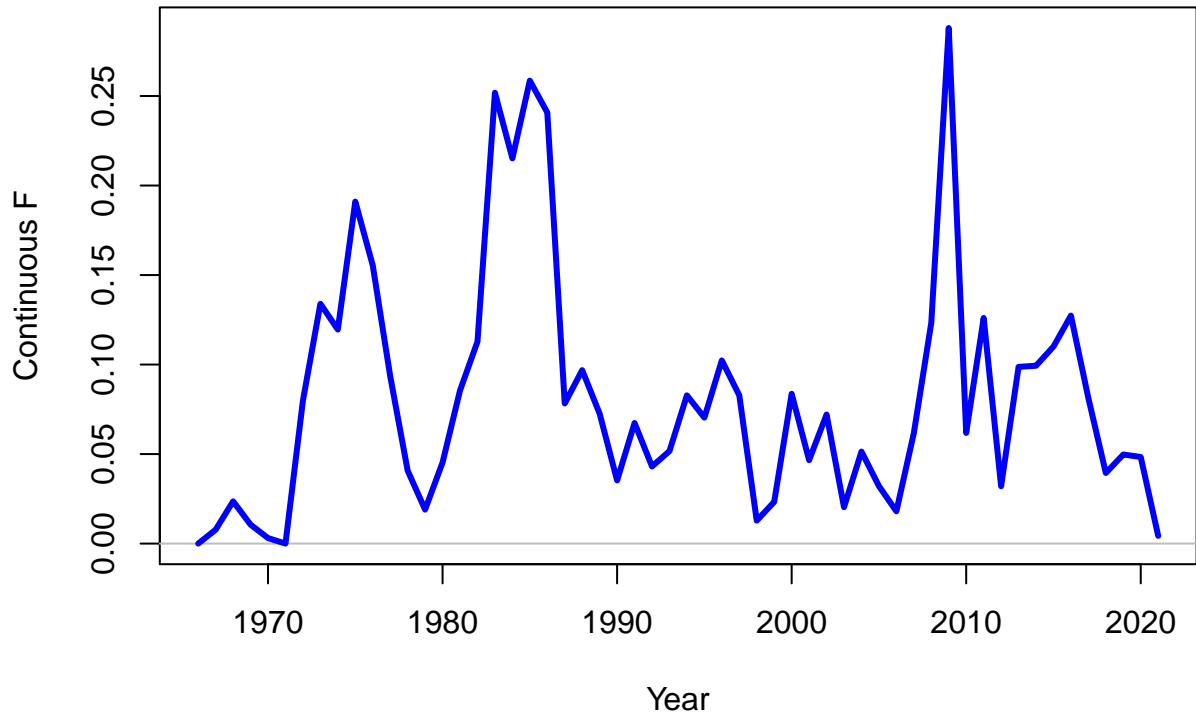


Log recruitment deviation

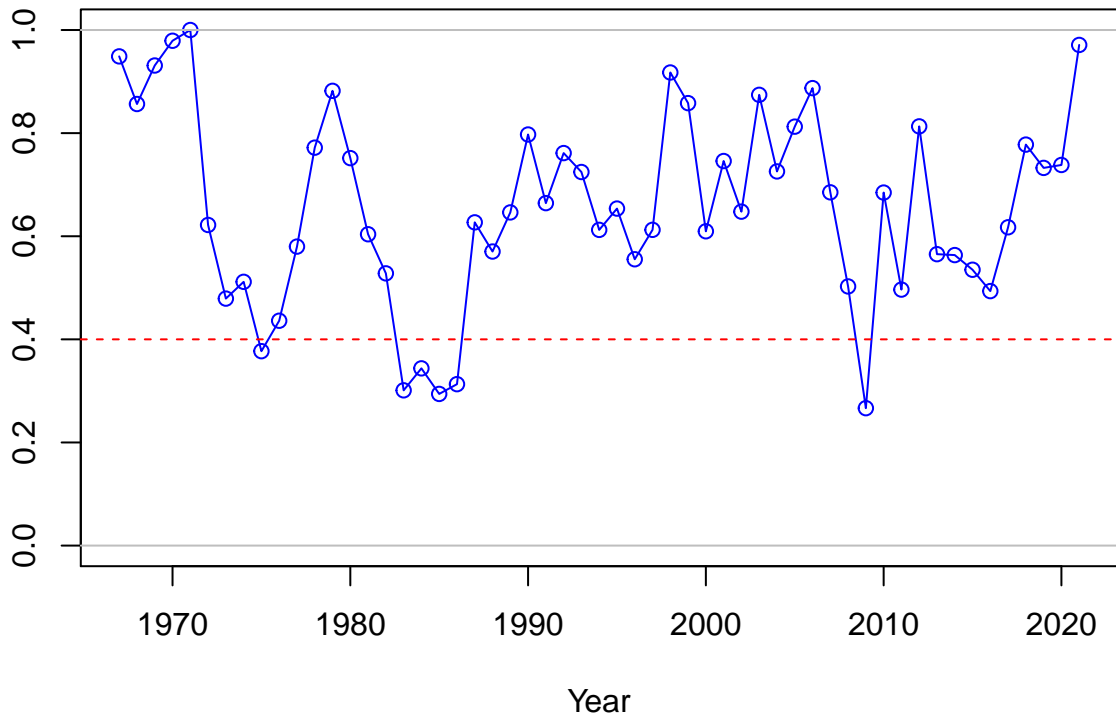


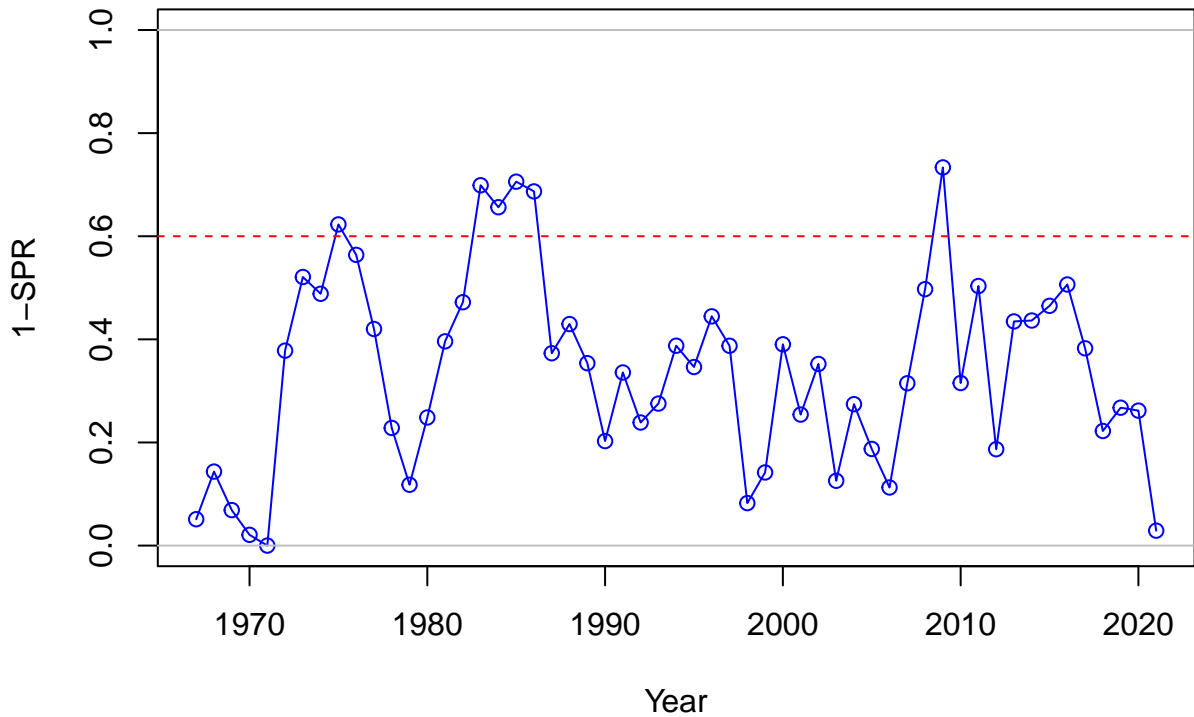




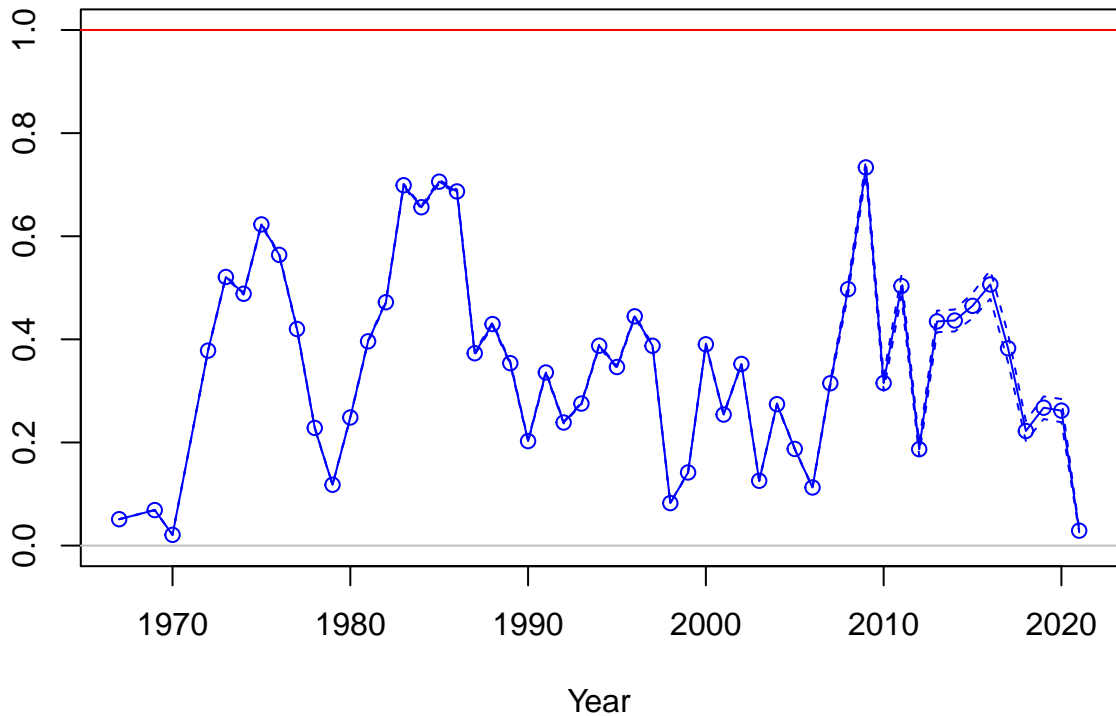


SPR

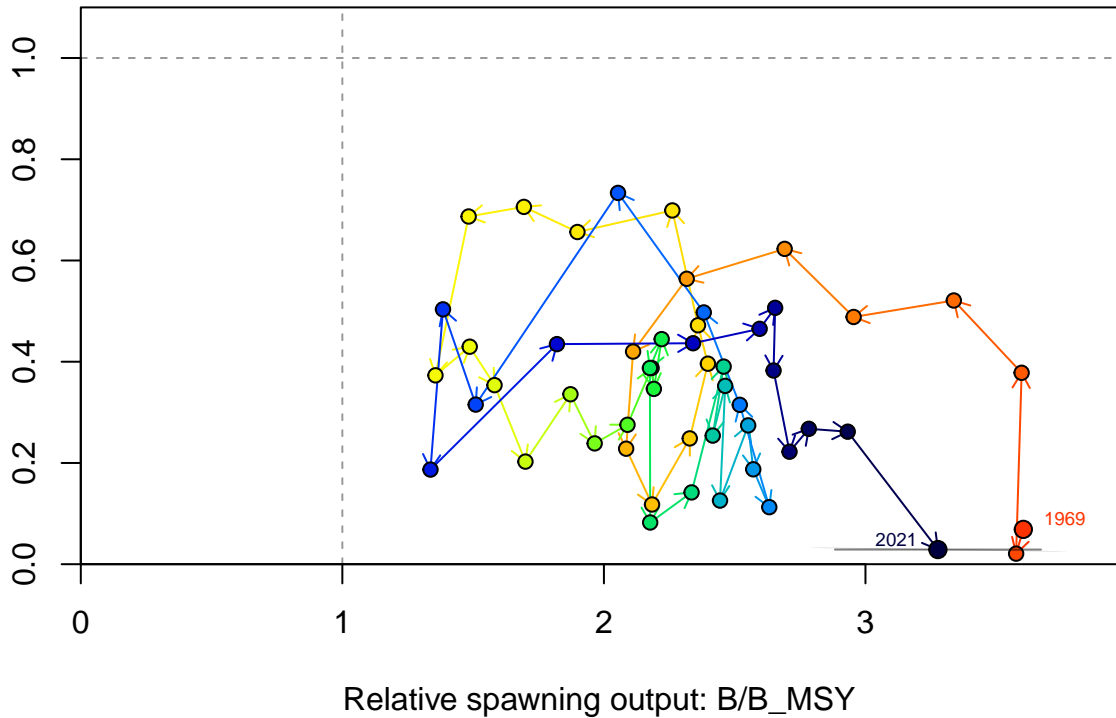




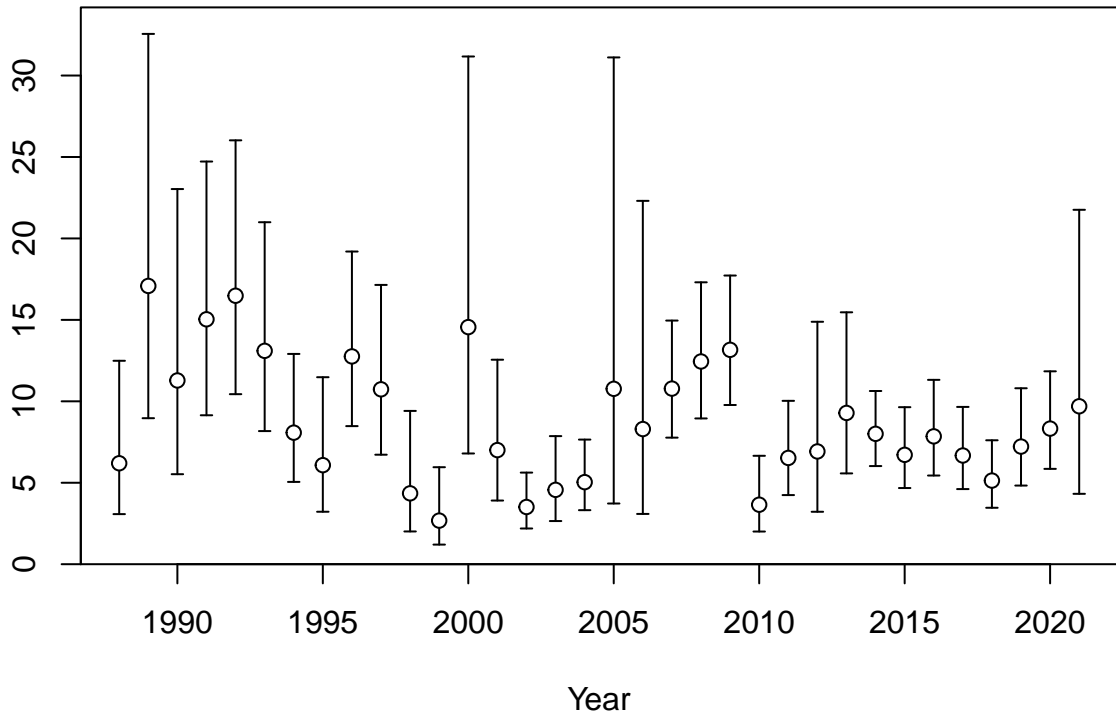
Fishing intensity: 1-SPR



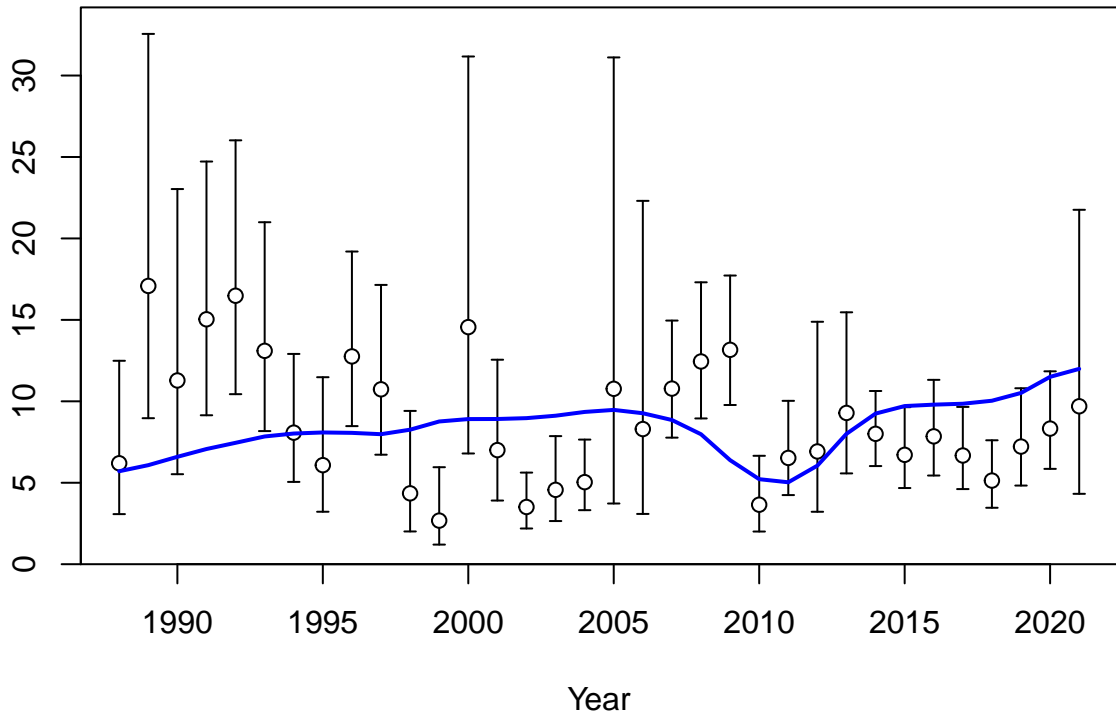
Fishing intensity: 1-SPR

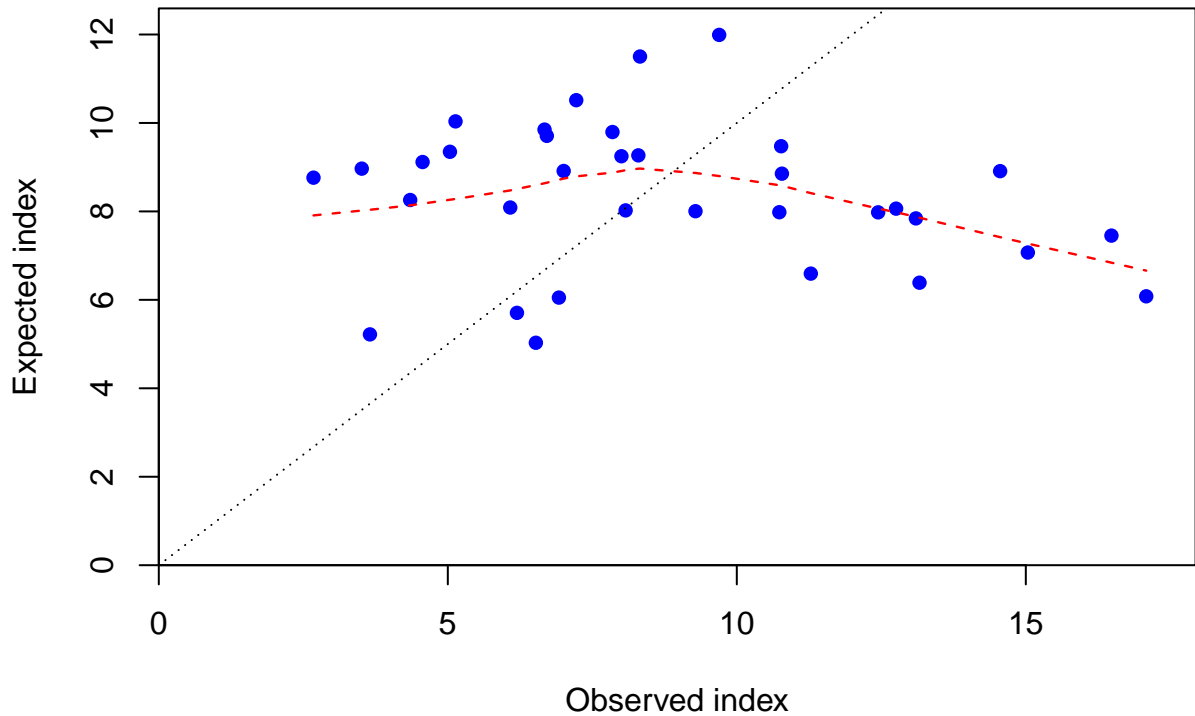


Index

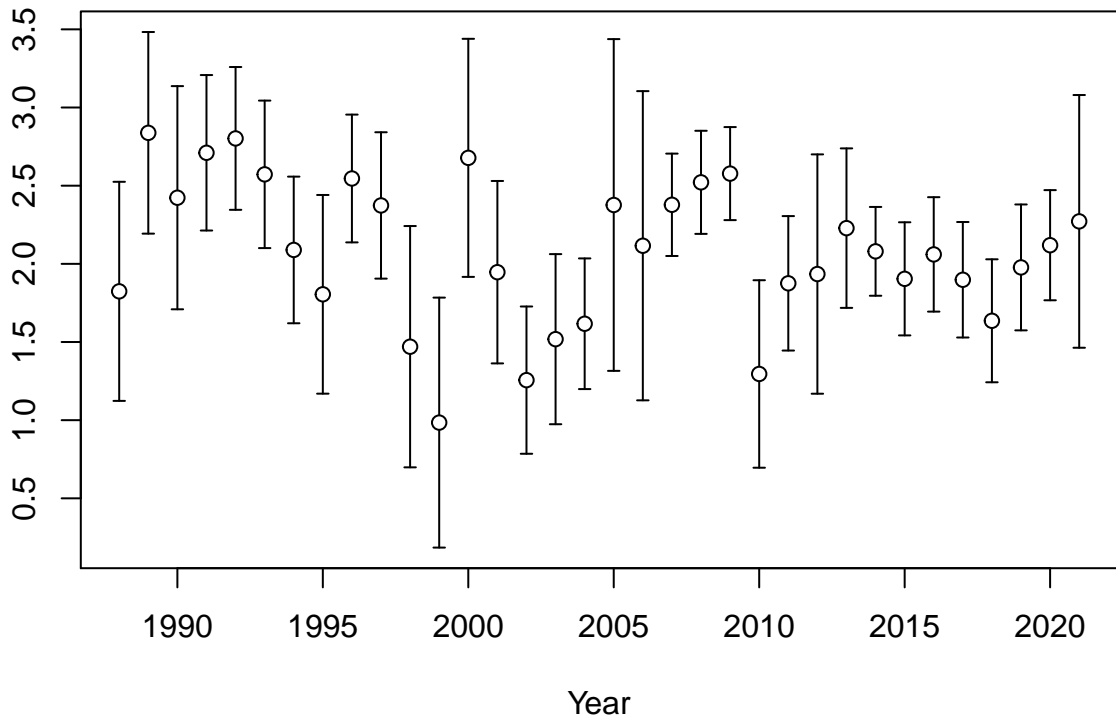


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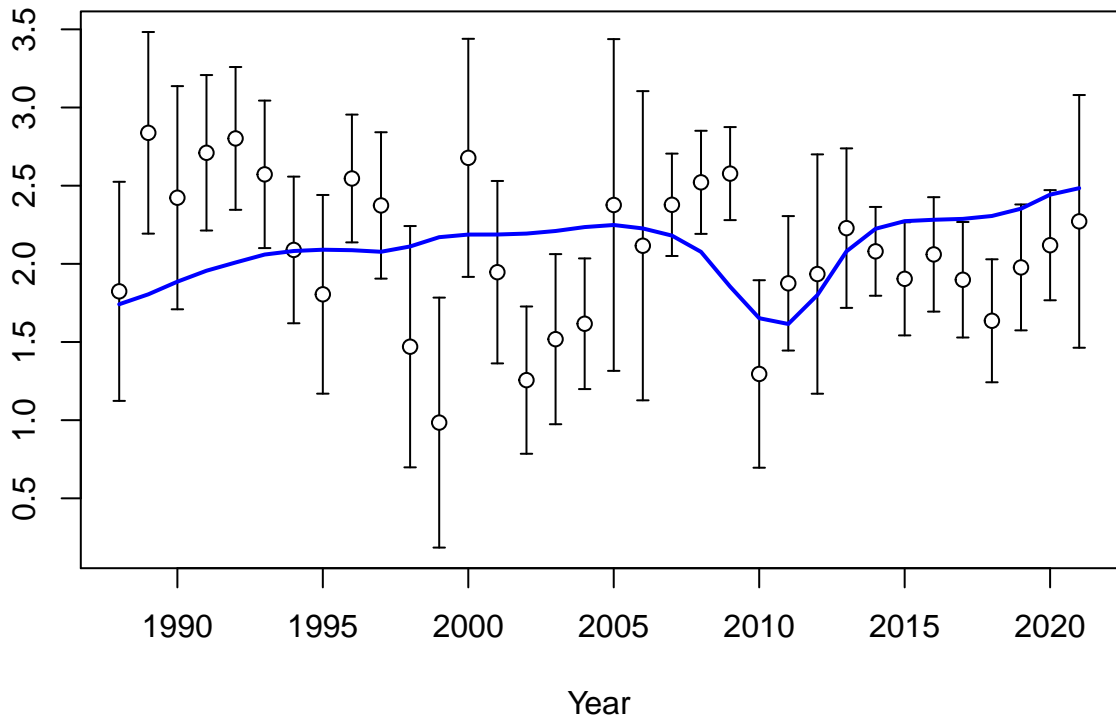


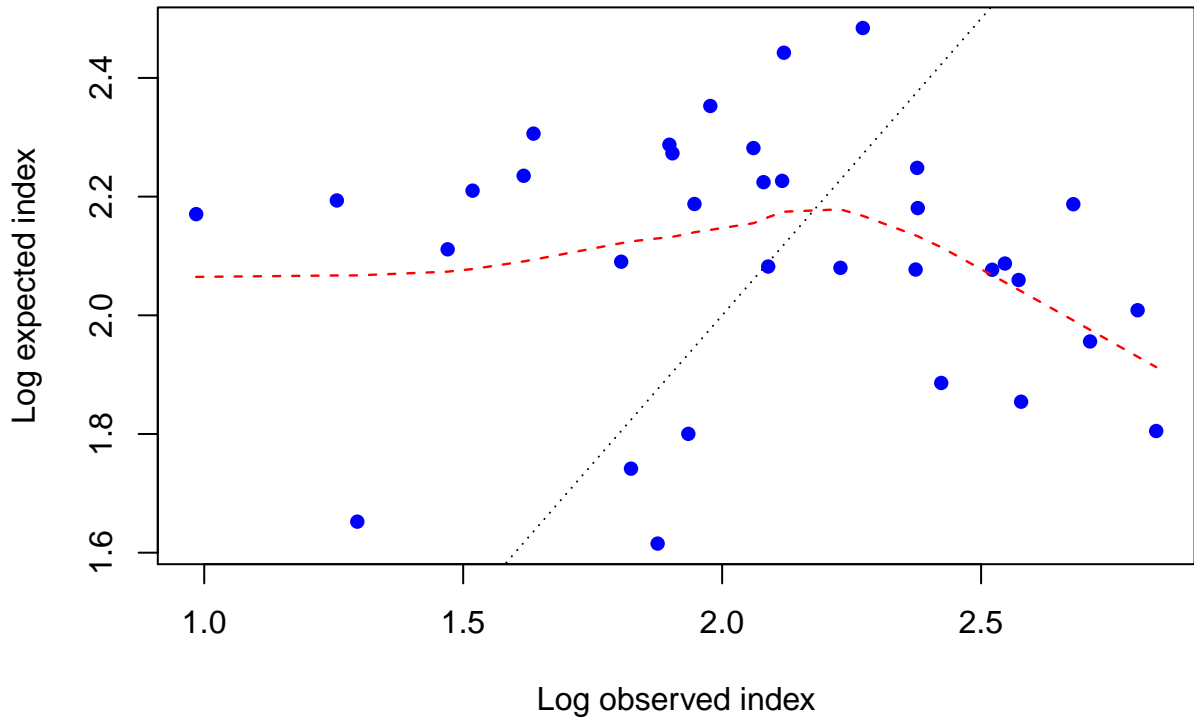


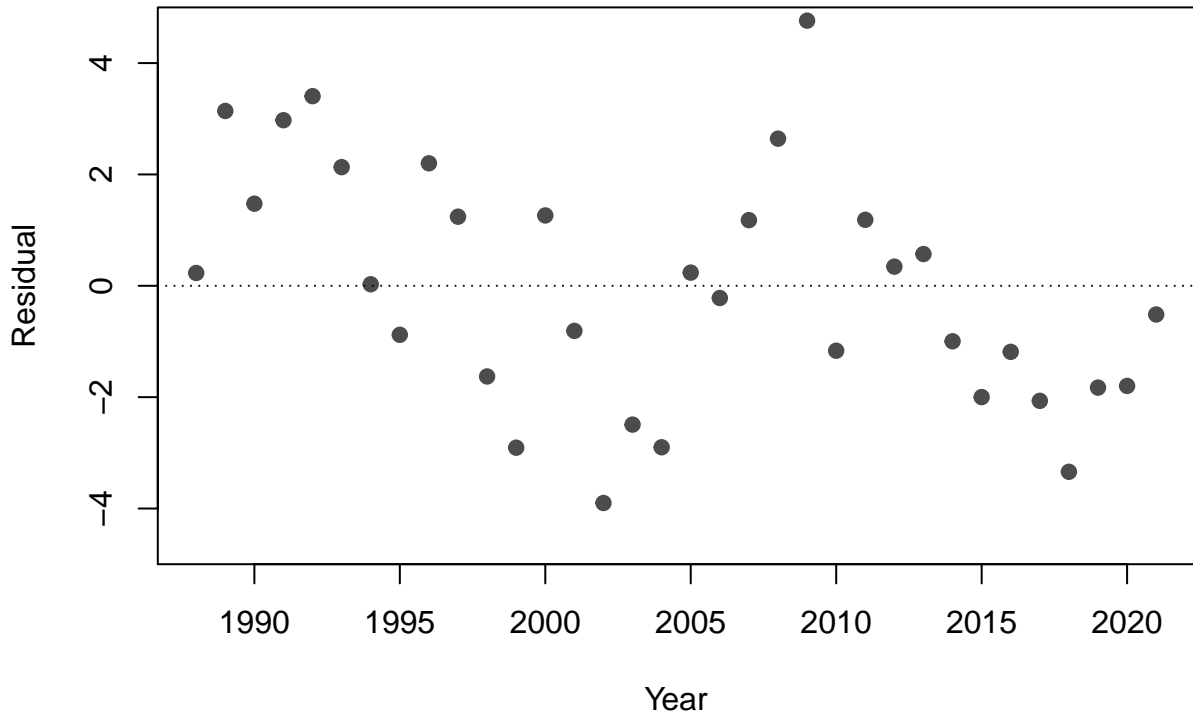
Log index

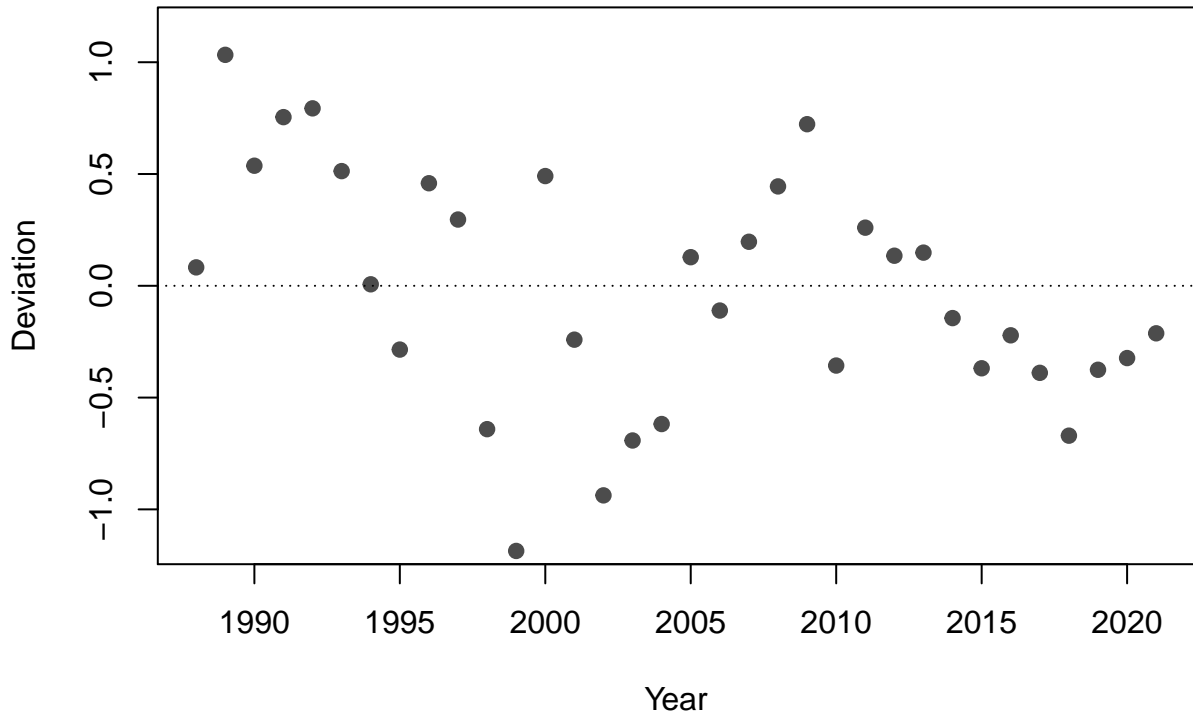


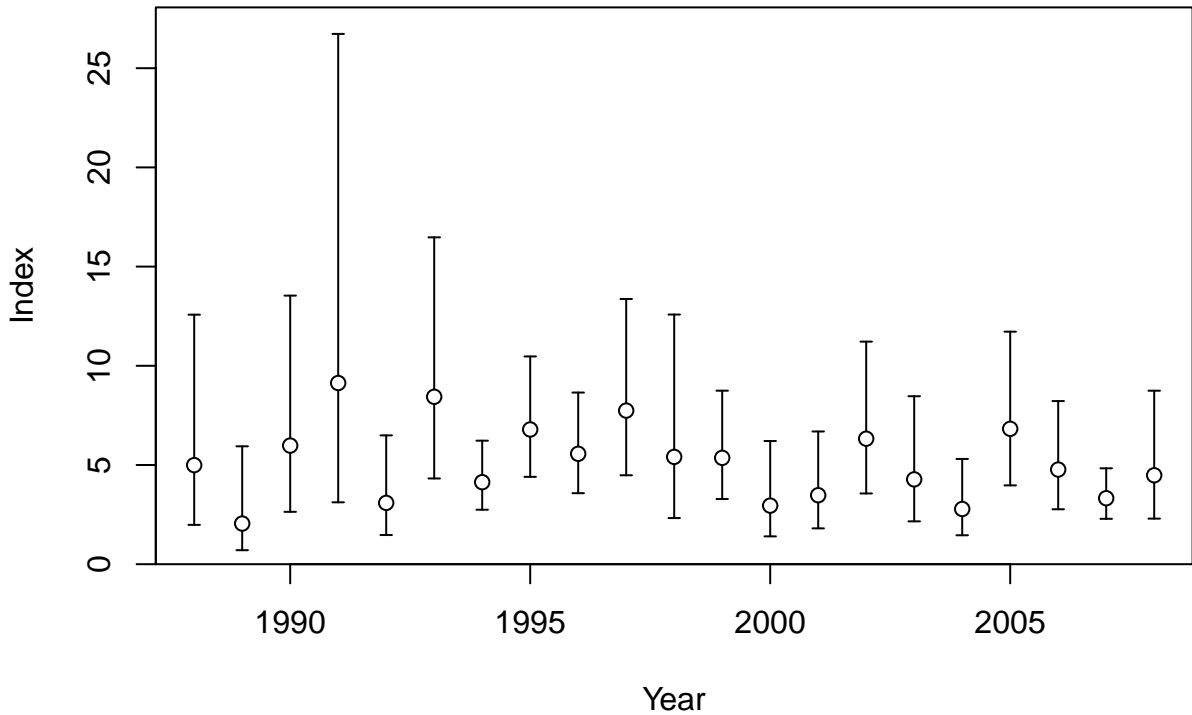
Log index

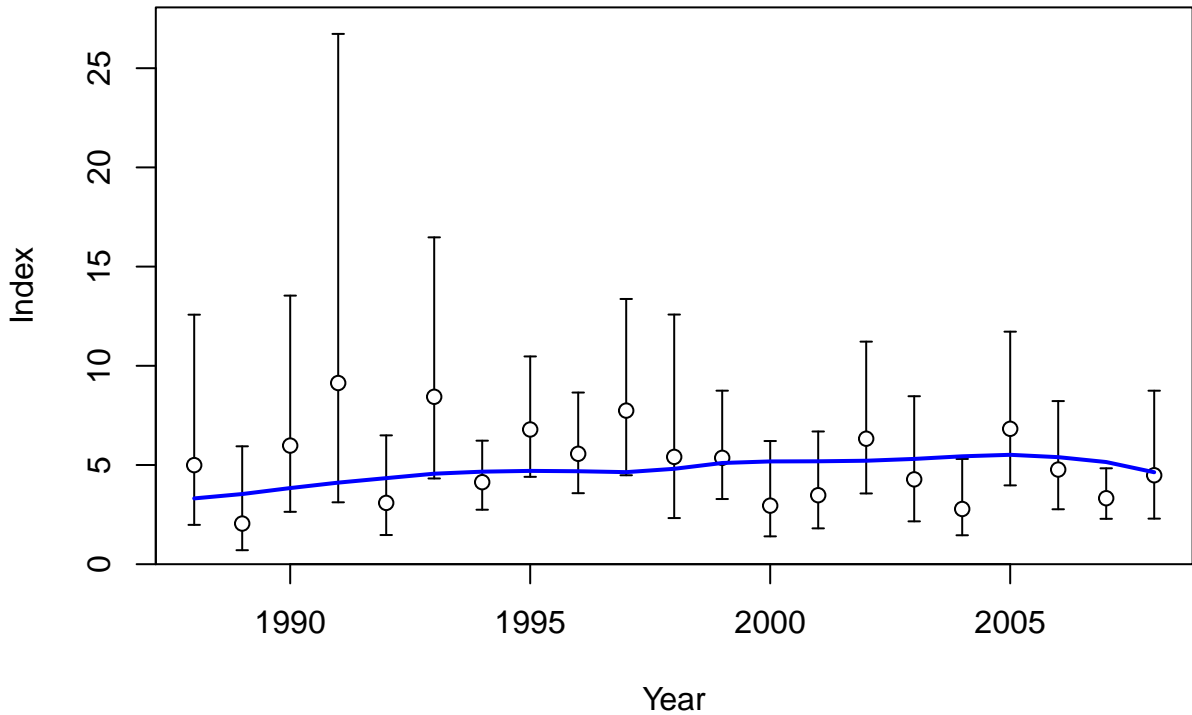


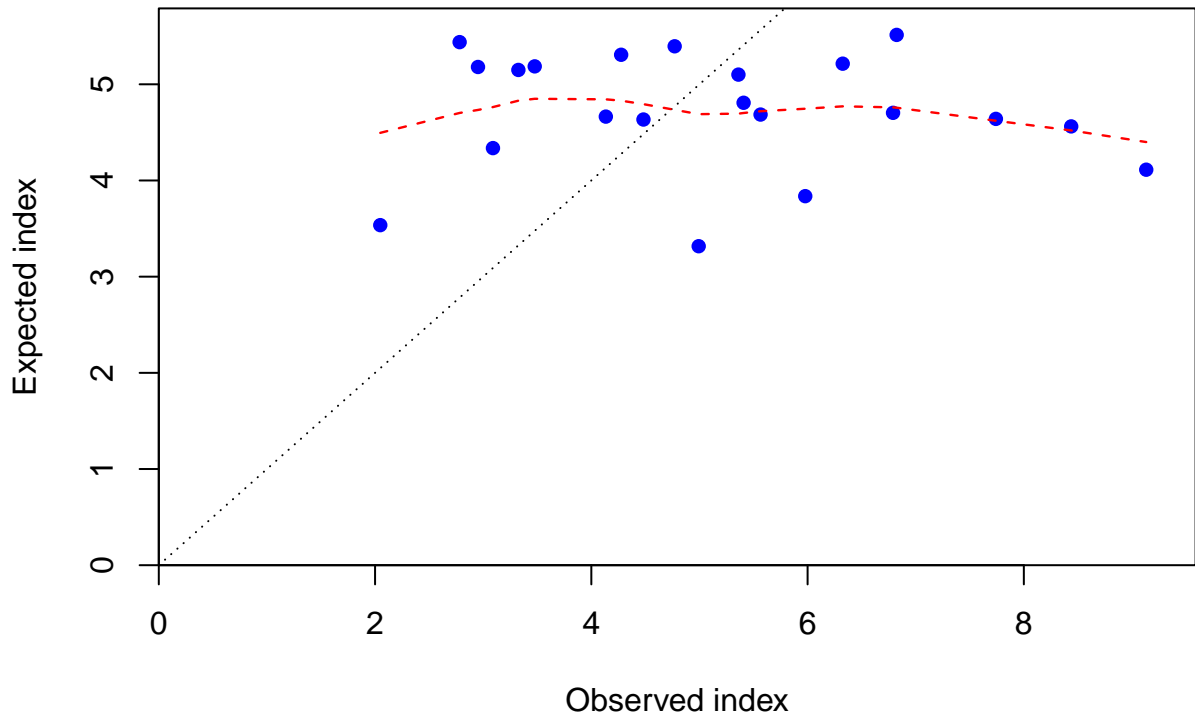


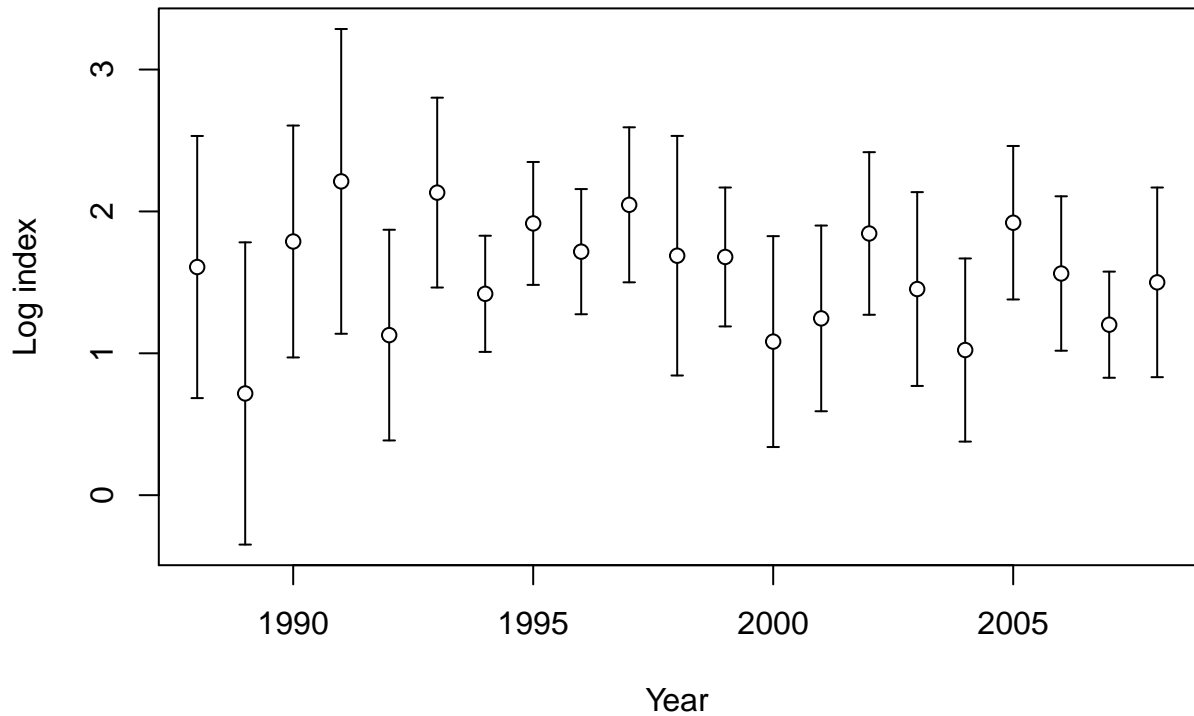


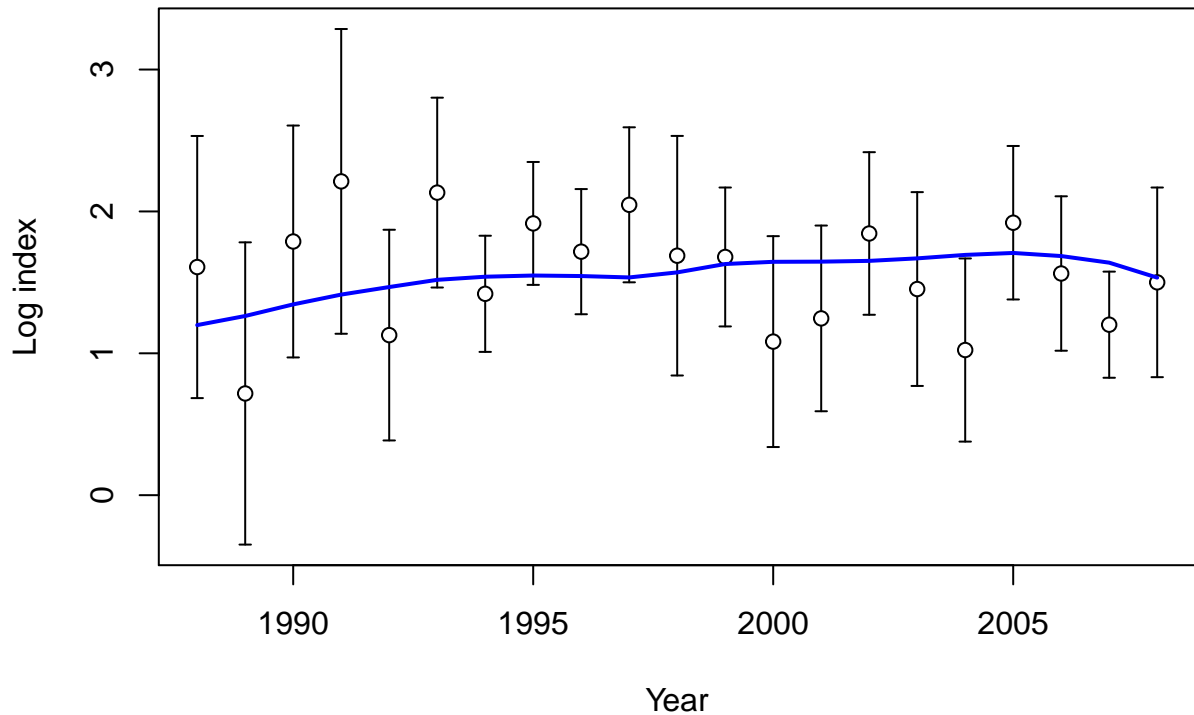


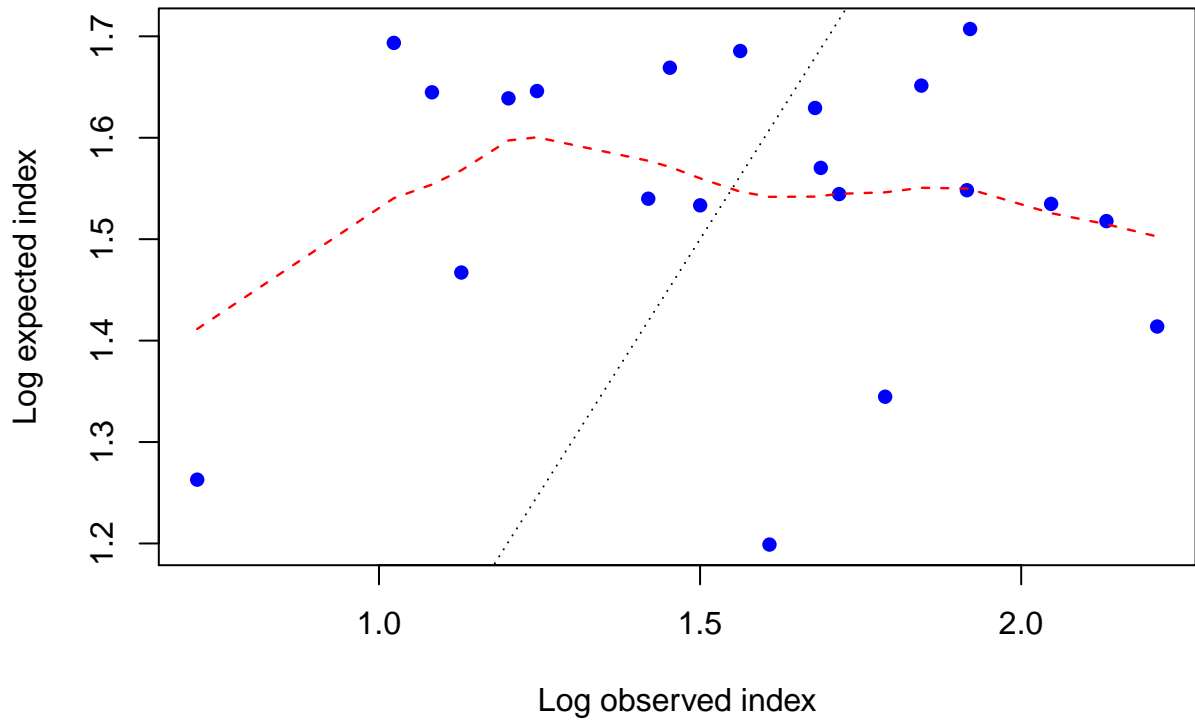


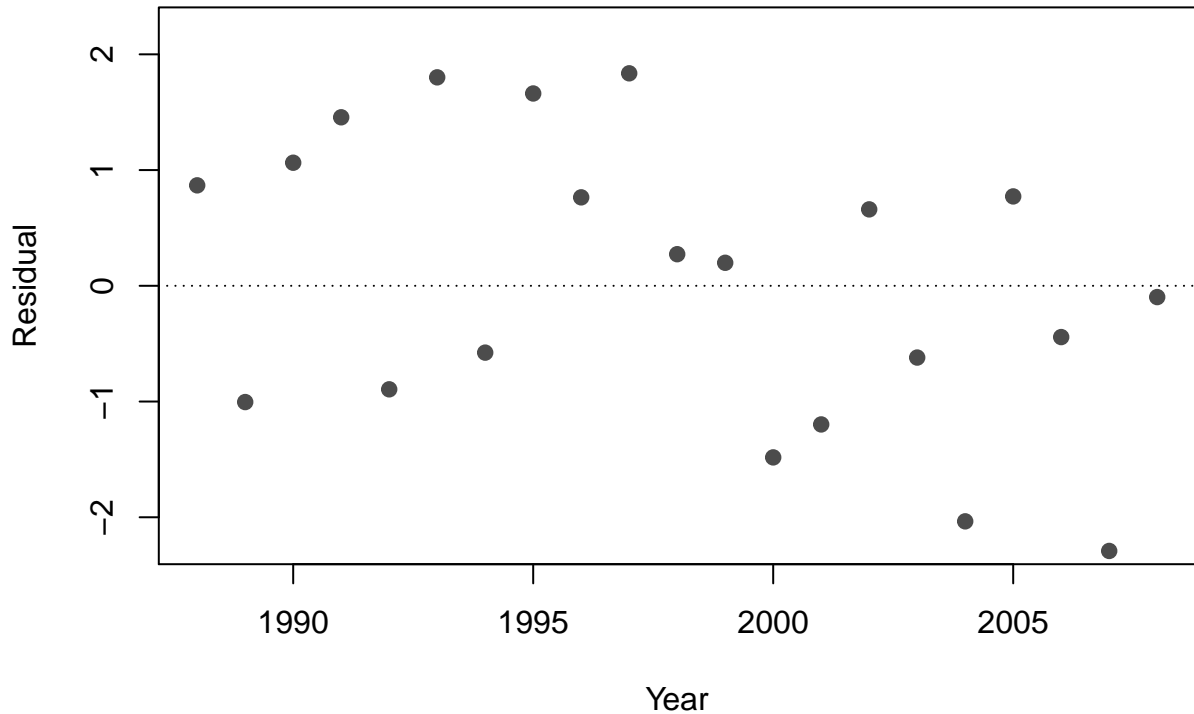


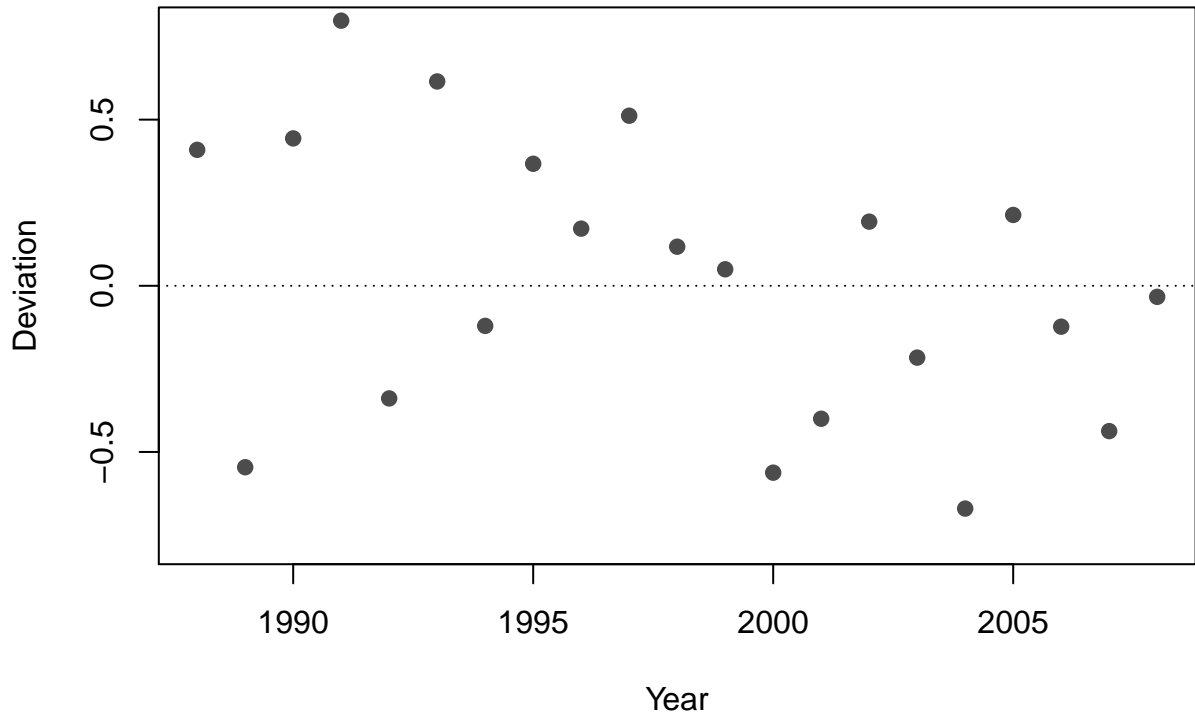




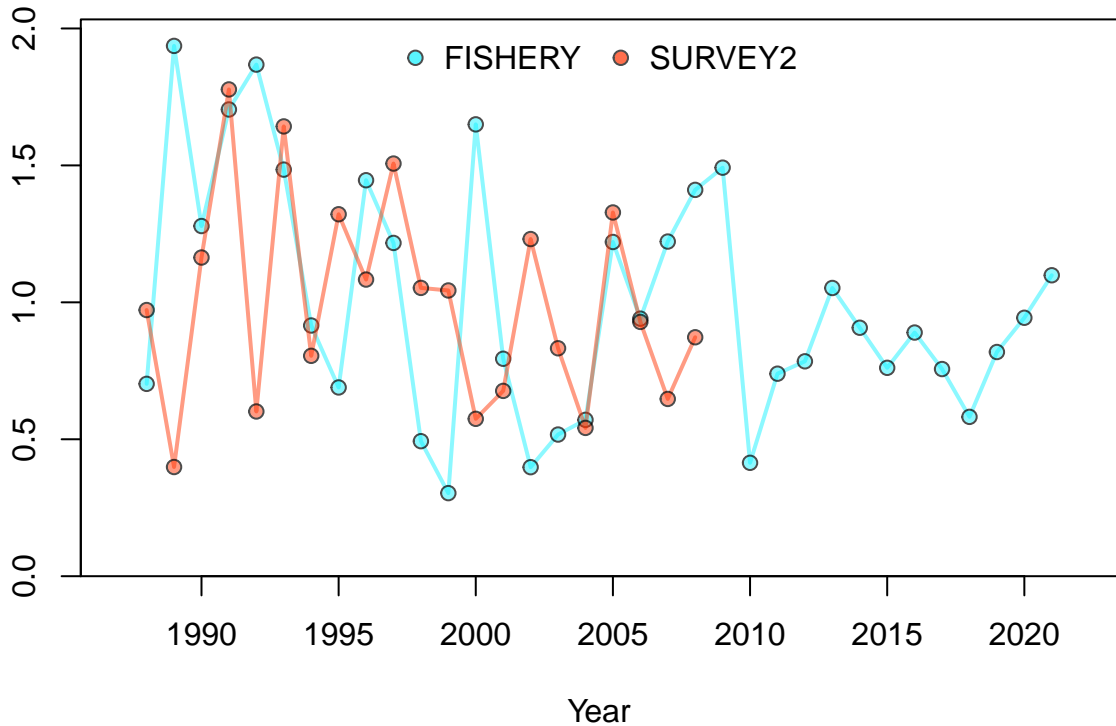


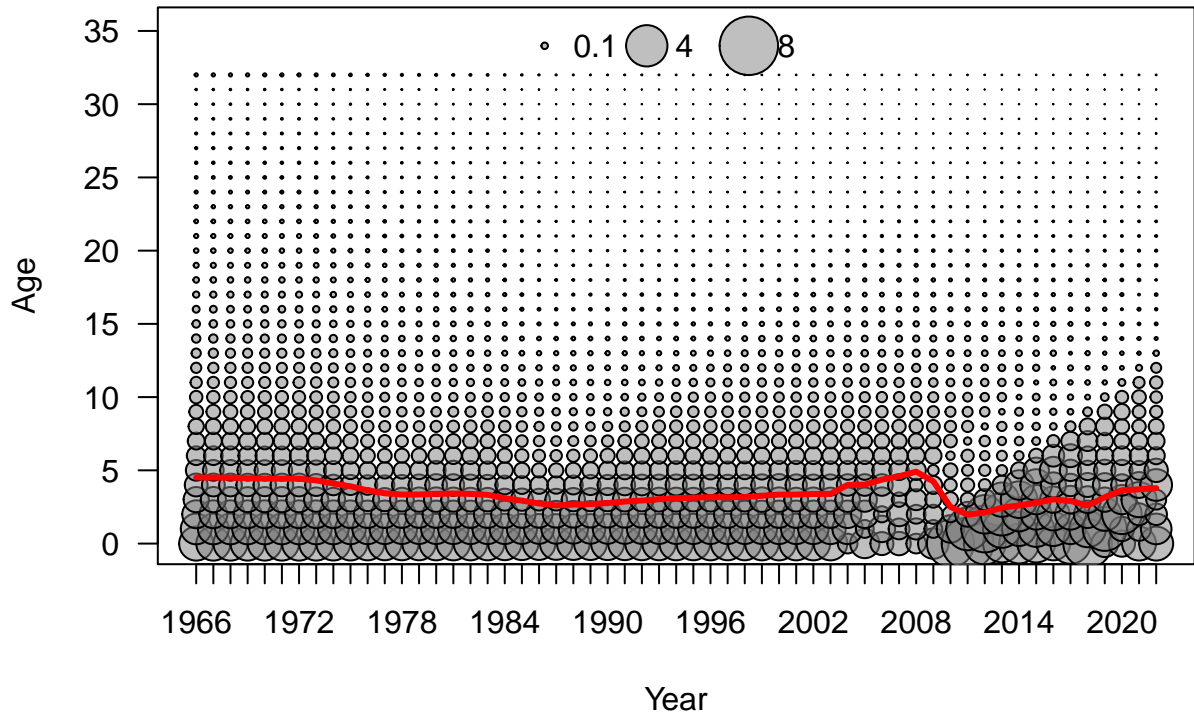


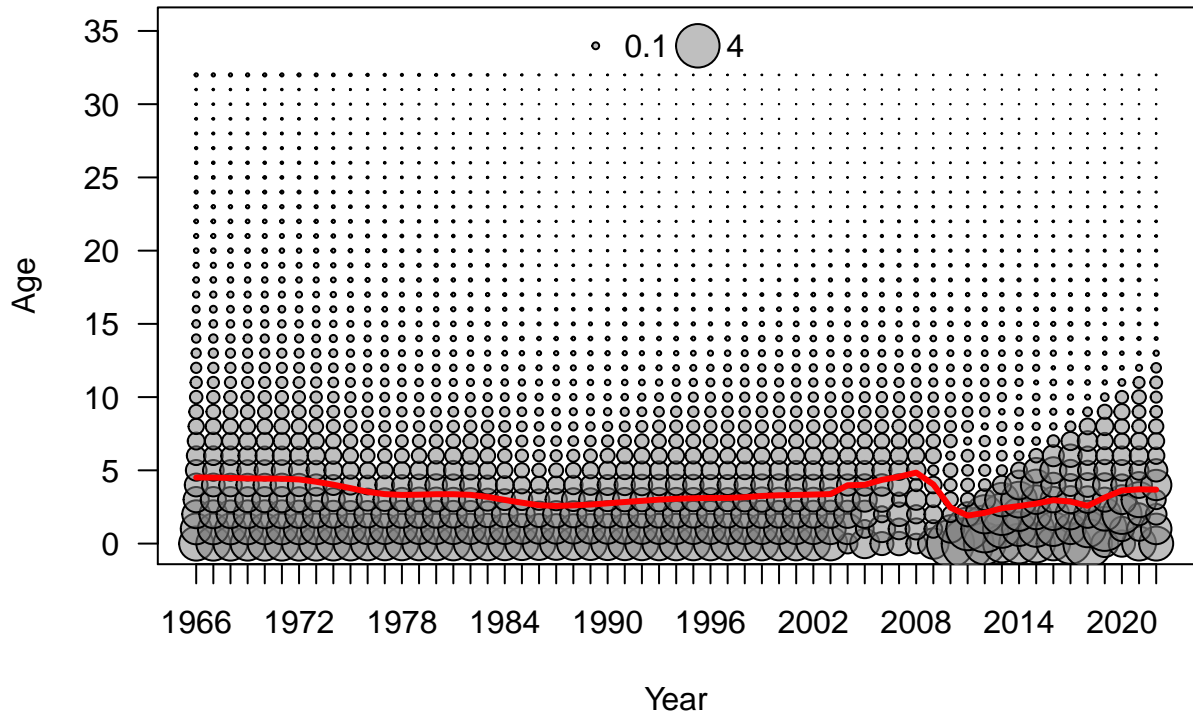


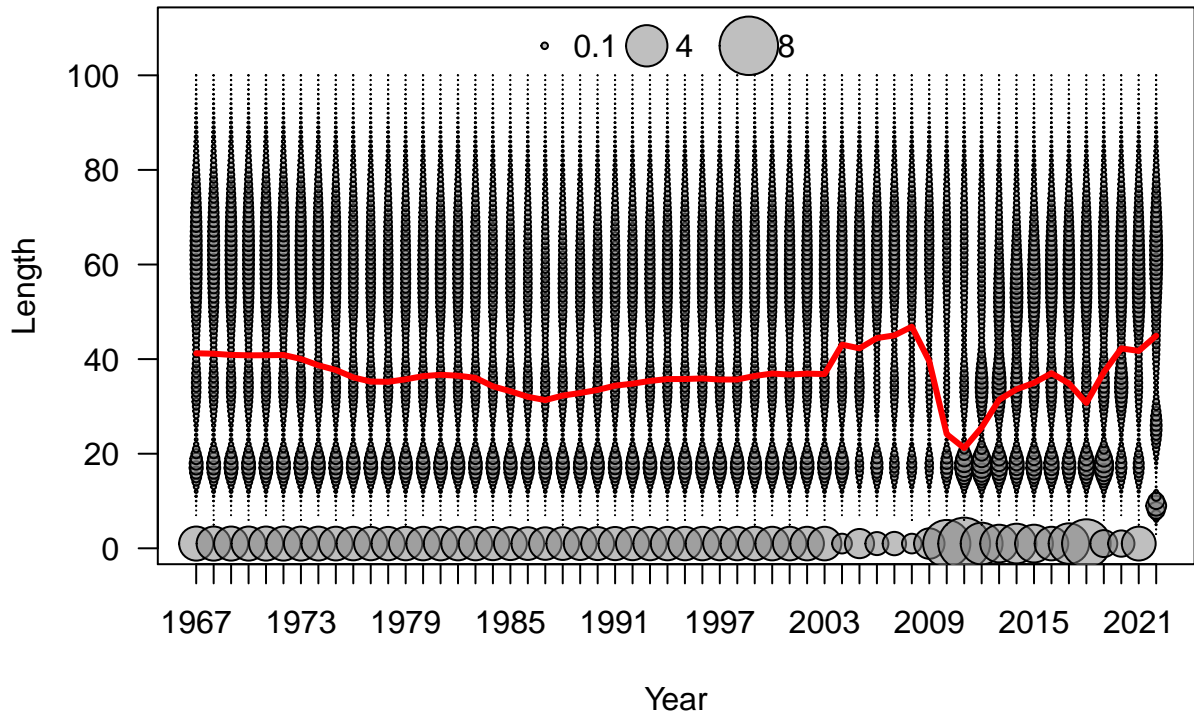


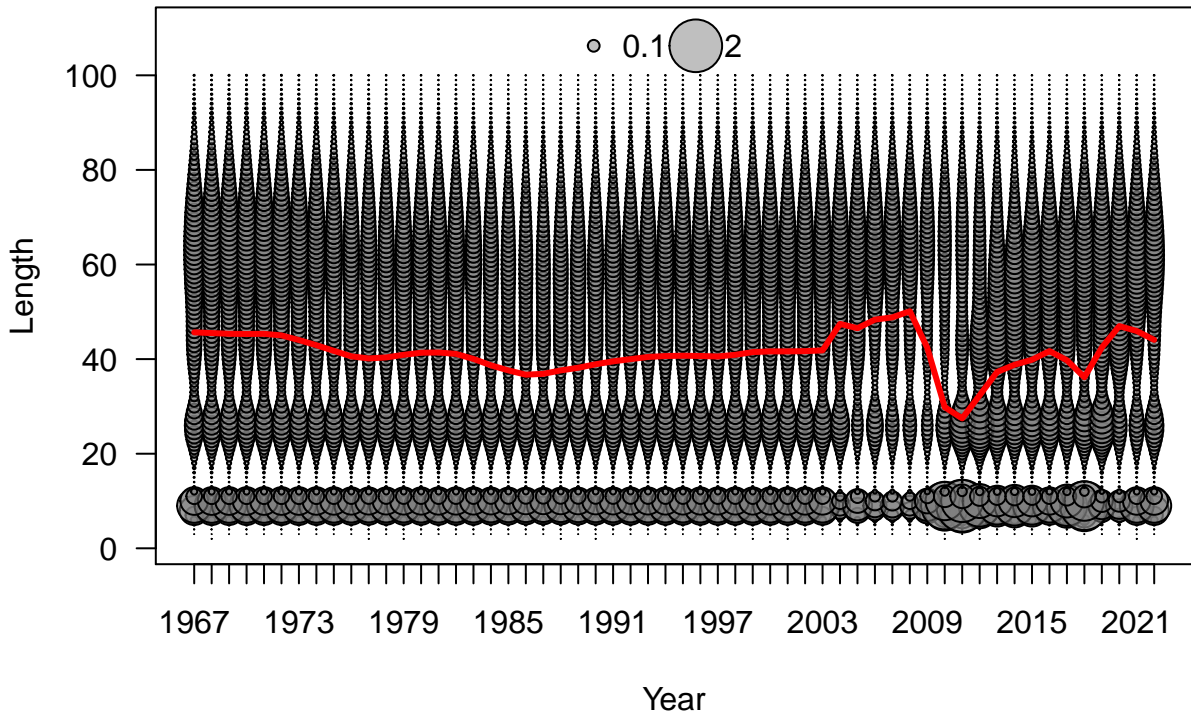
Standardized index

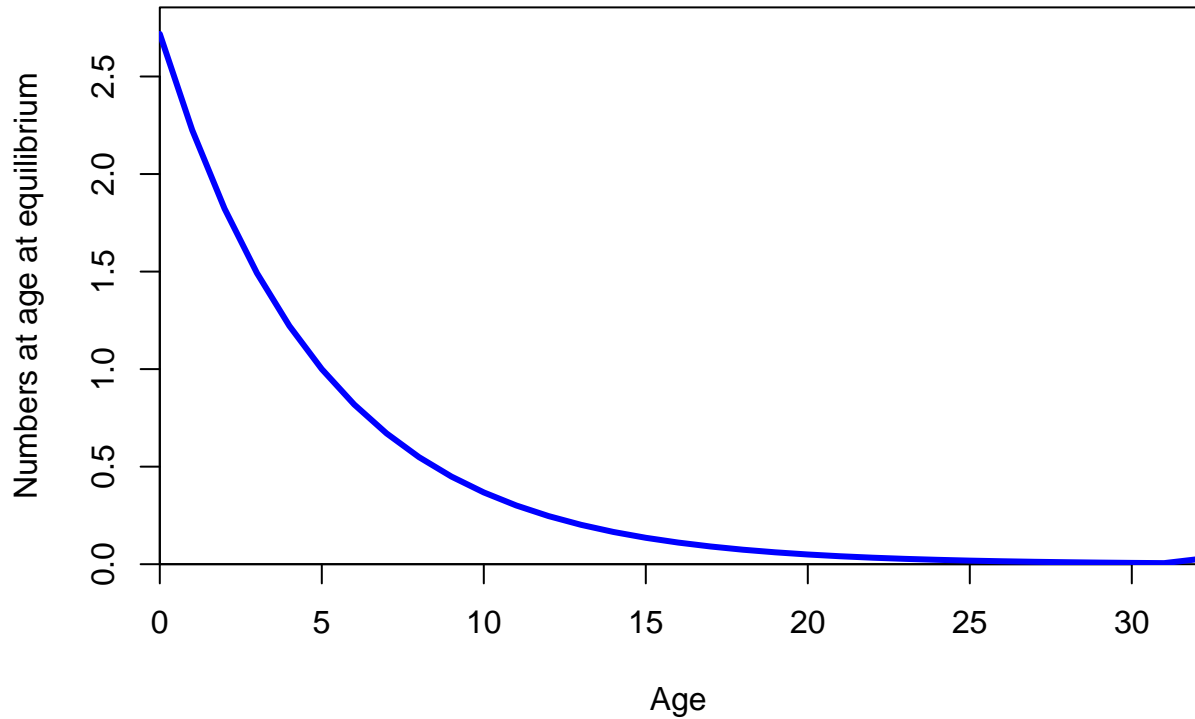


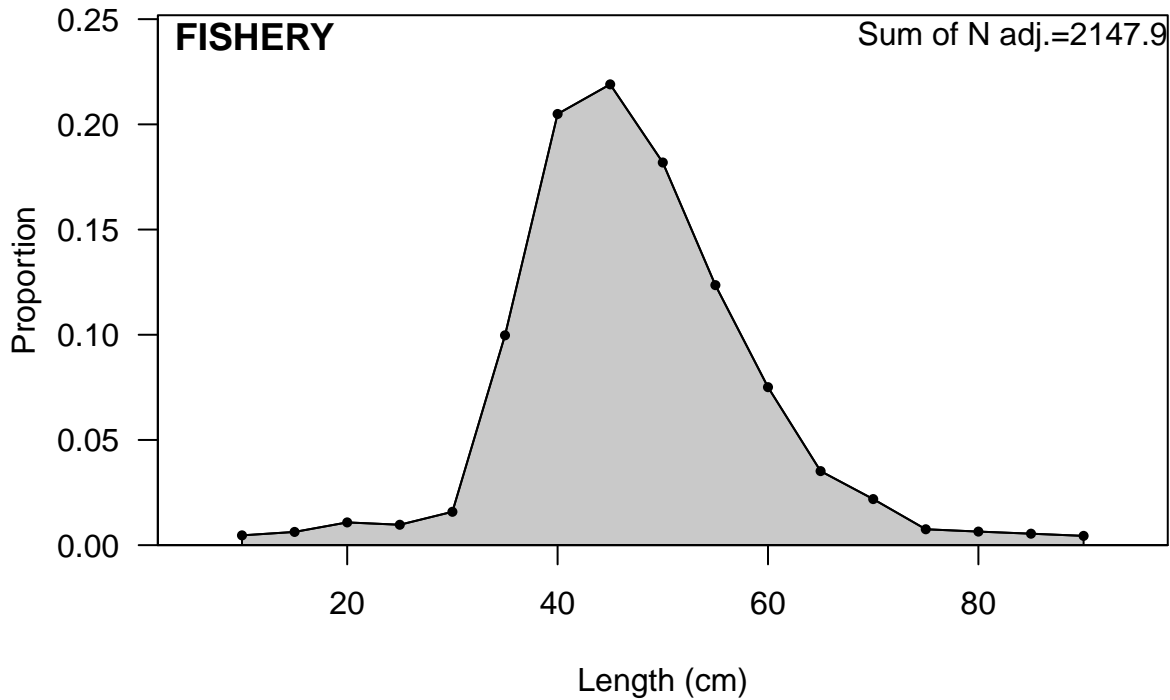






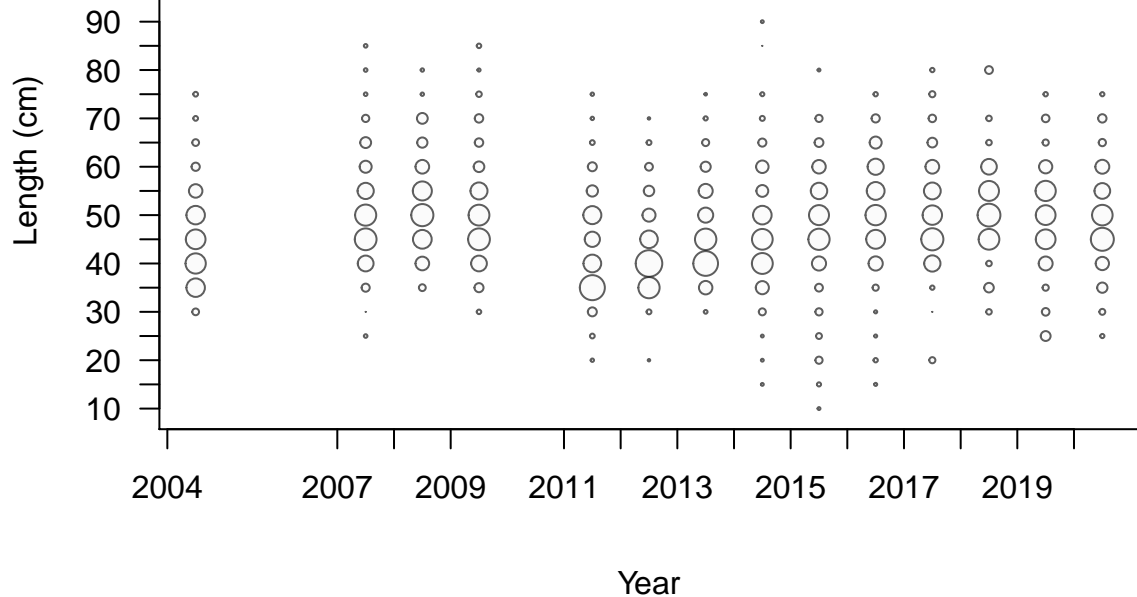




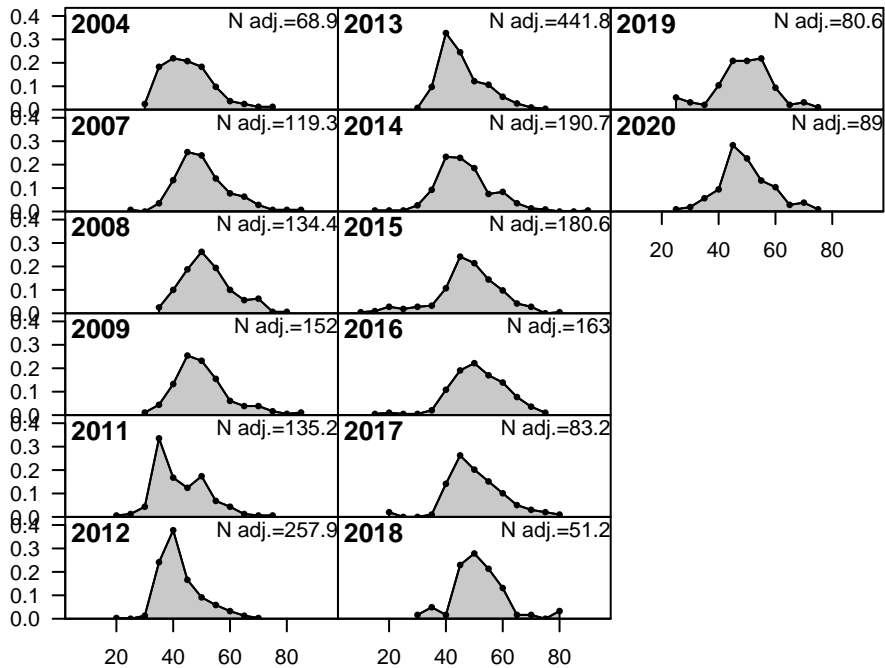


FISHERY

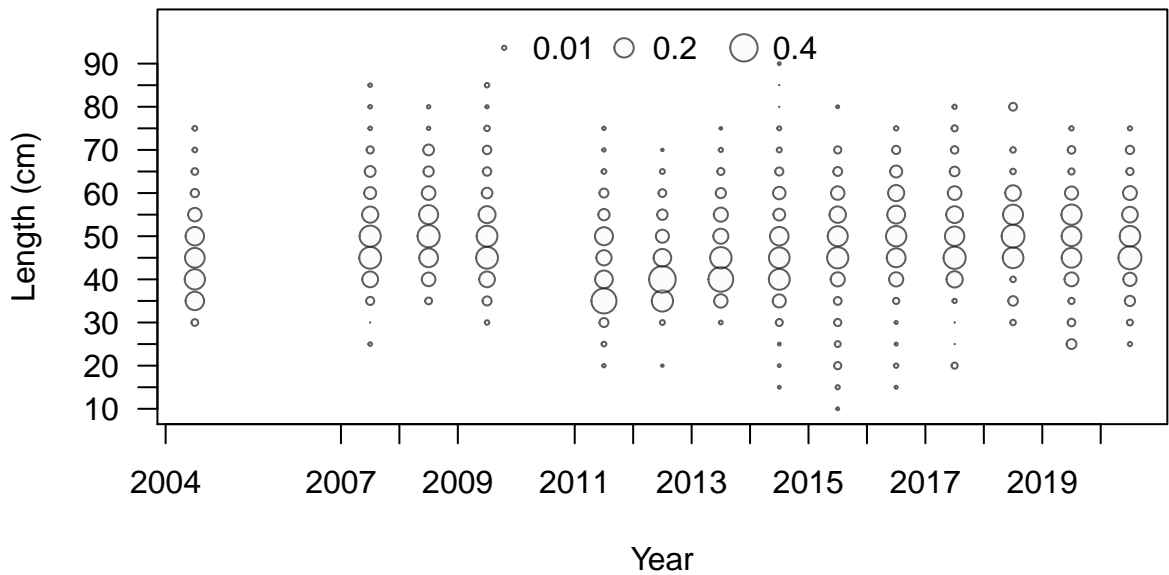
• 0.01 ○ 0.2 ○ 0.4



Proportion

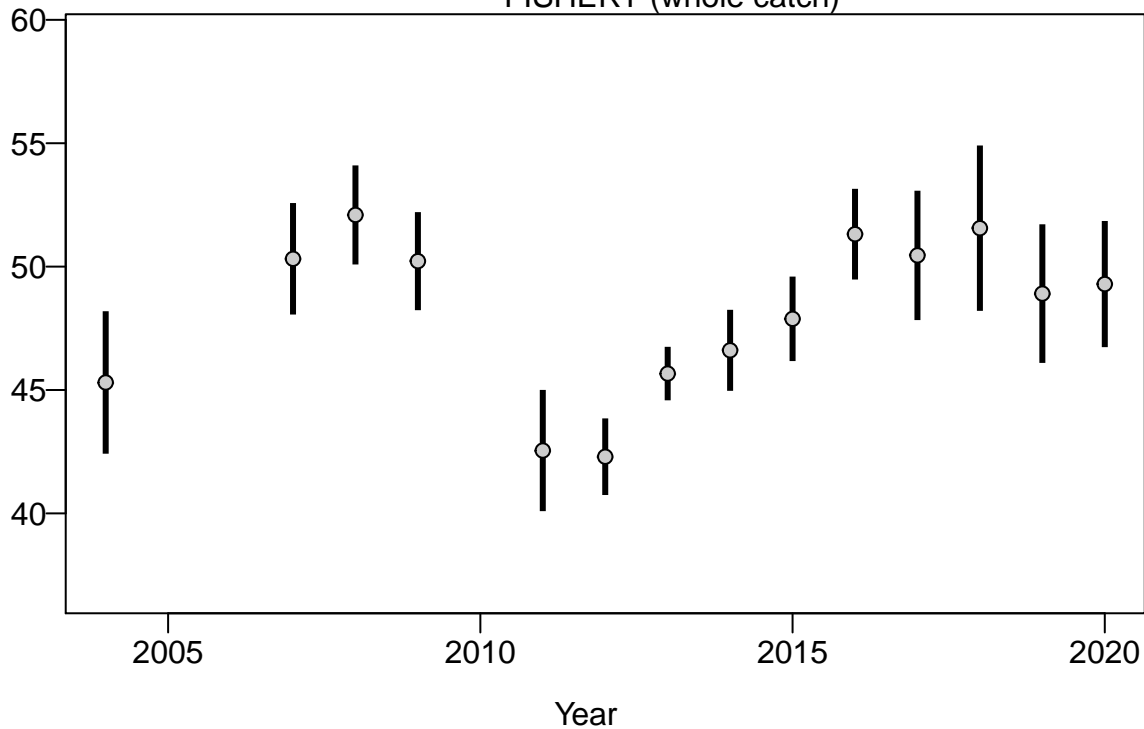


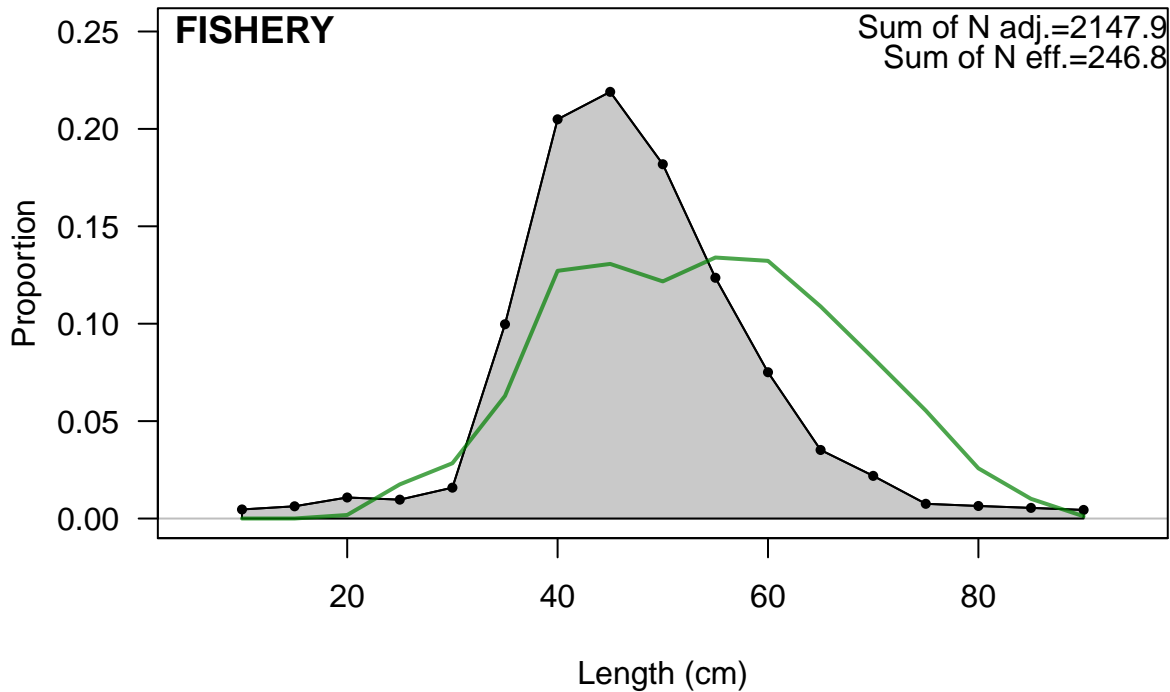
Length (cm)

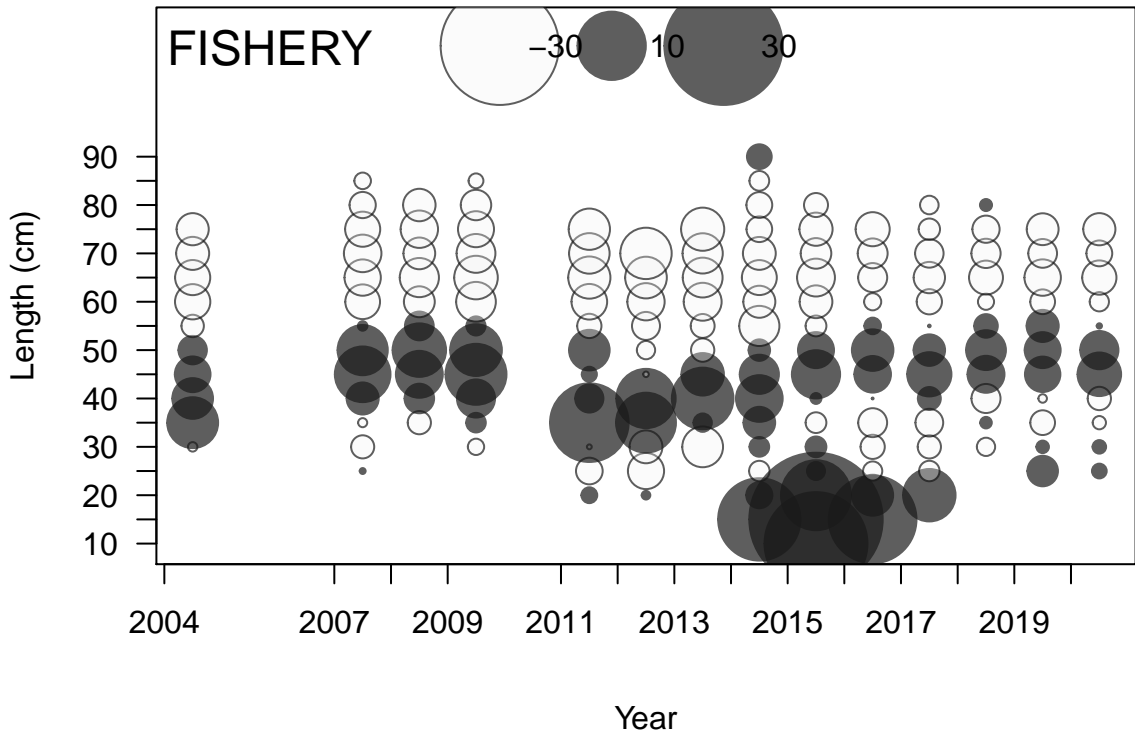


FISHERY (whole catch)

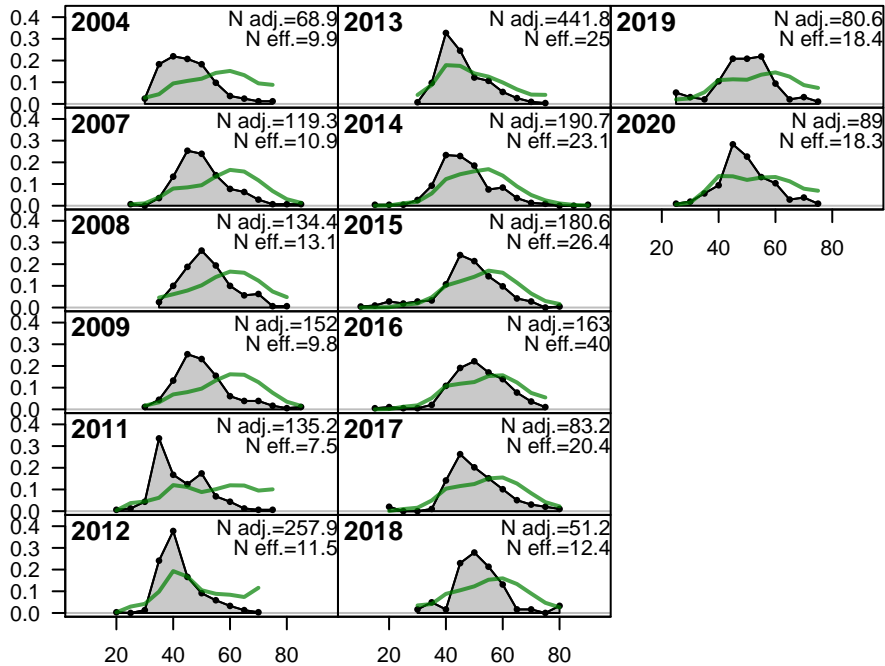
Mean length



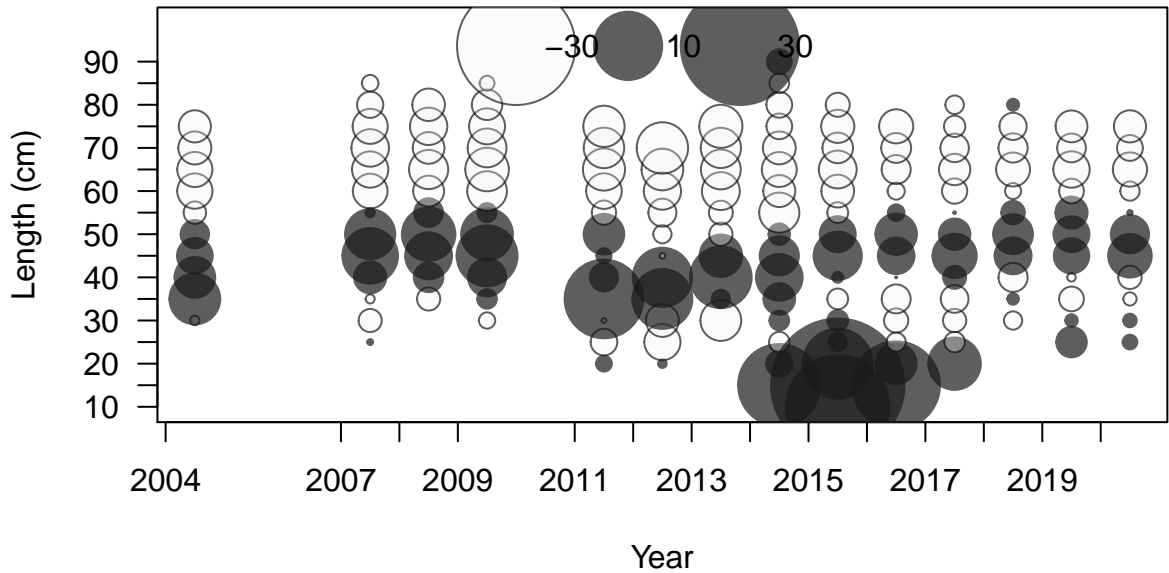




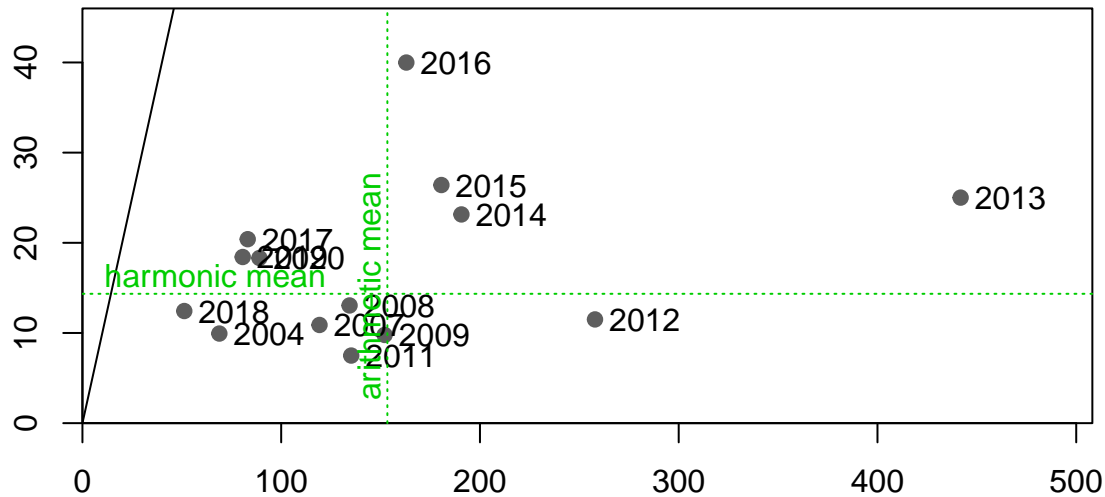
Proportion



Length (cm)



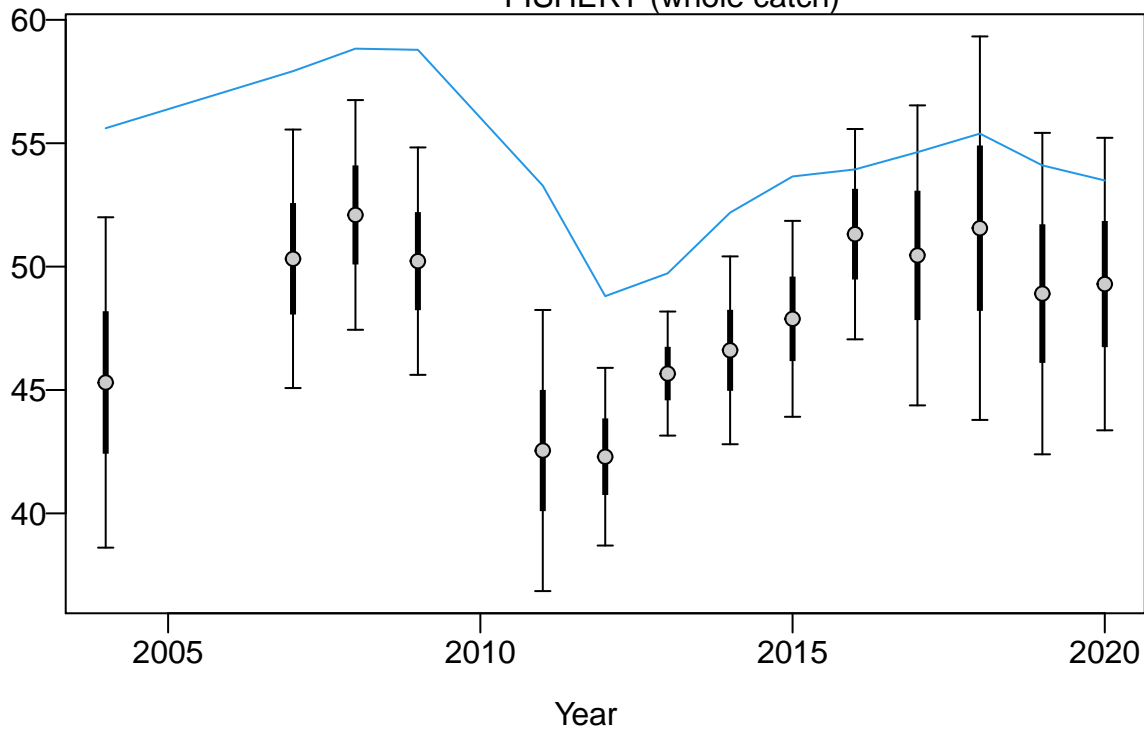
Effective sample size

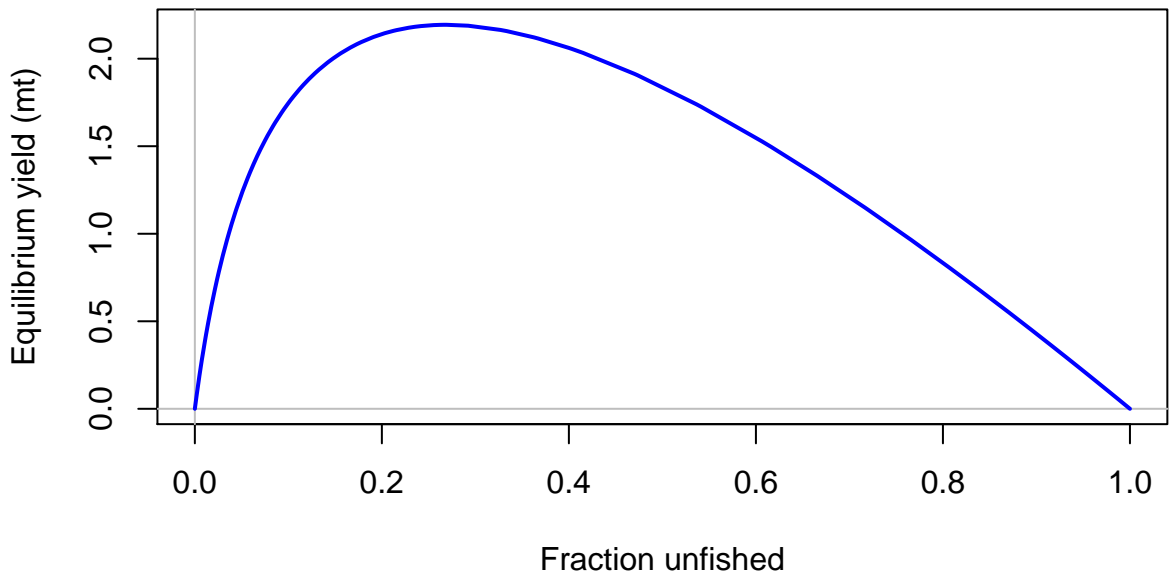


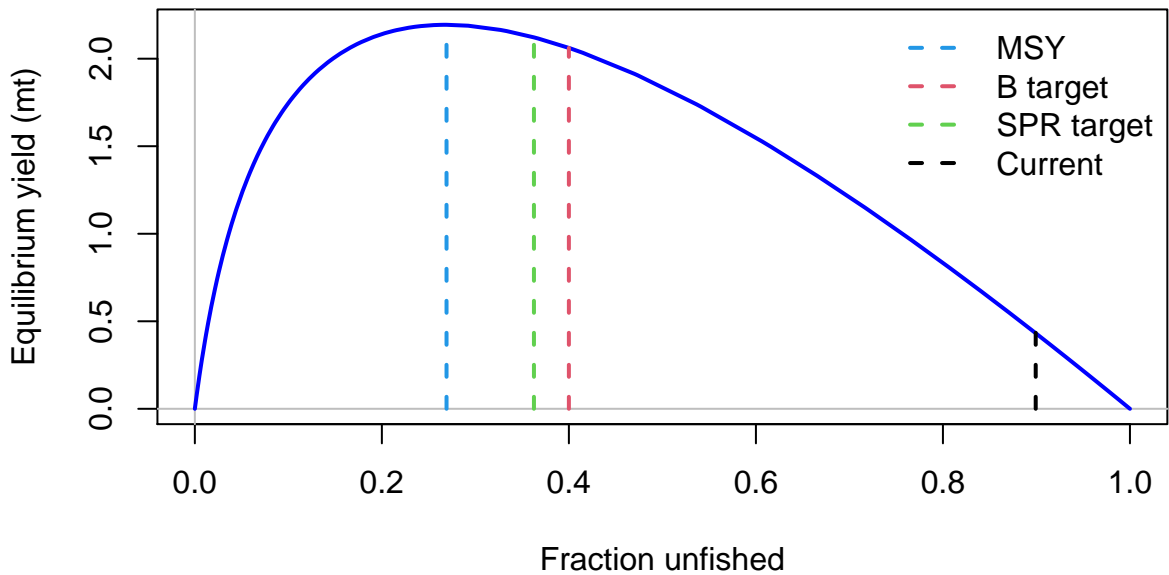
Observed sample size

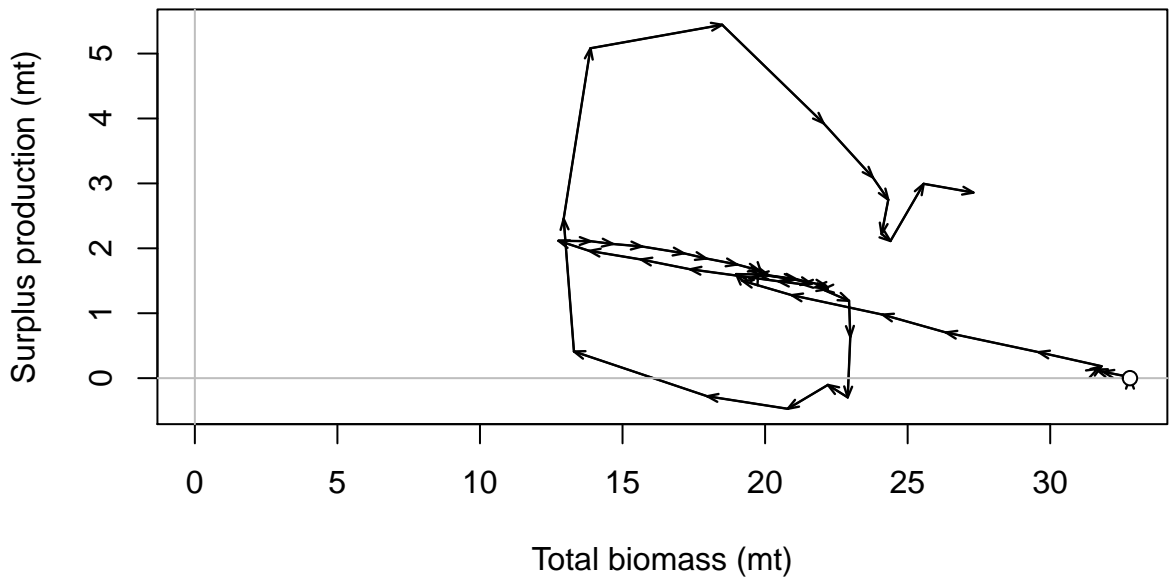
FISHERY (whole catch)

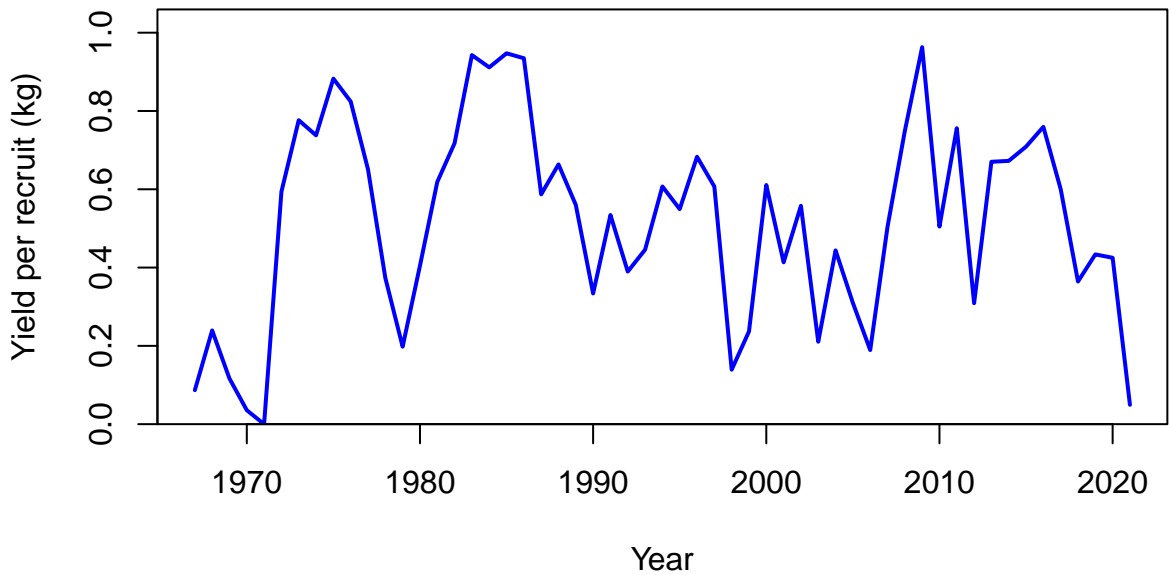
Mean length

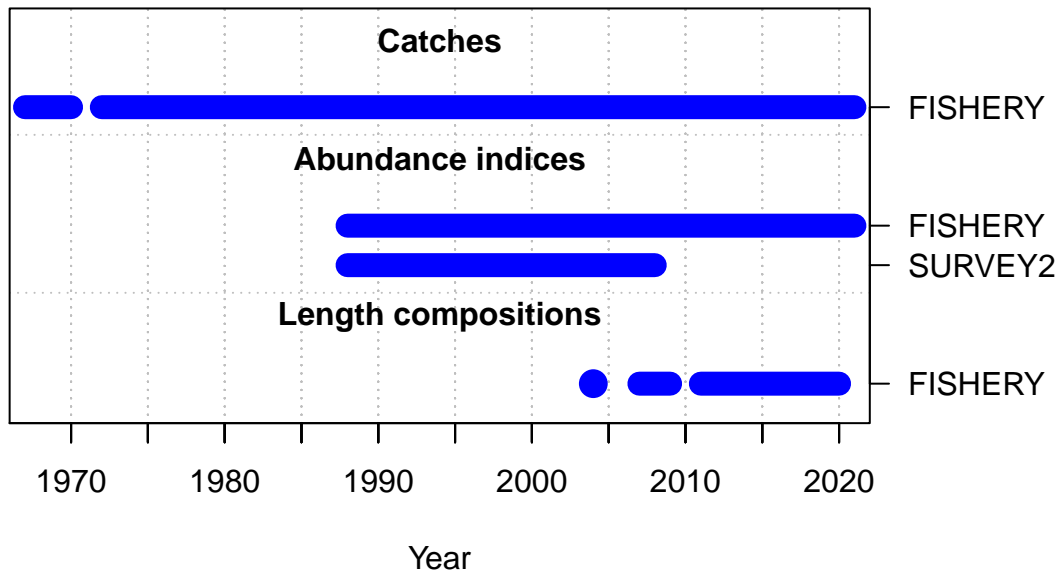


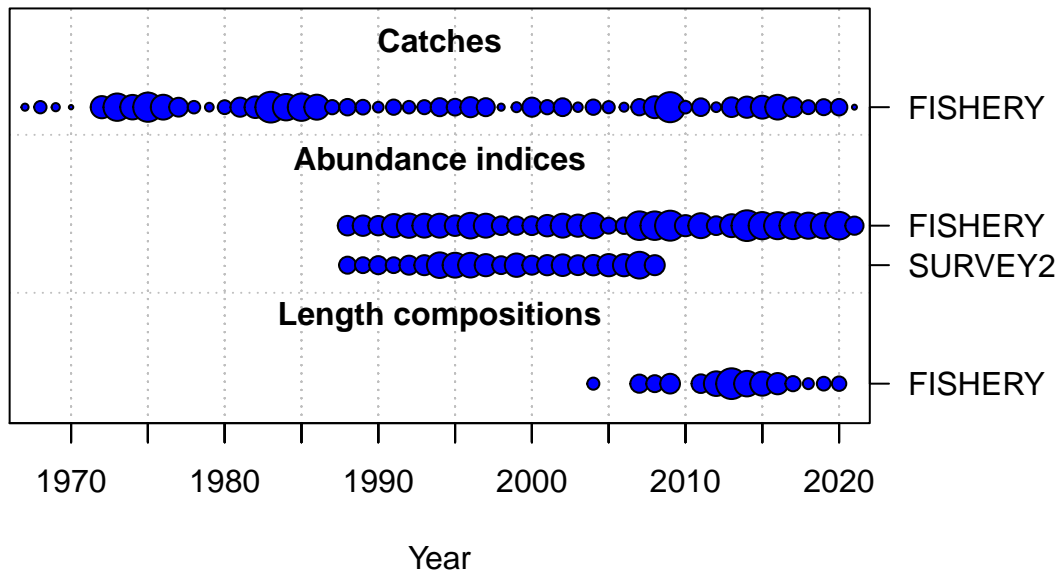




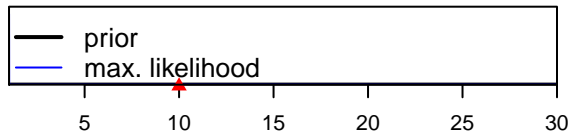




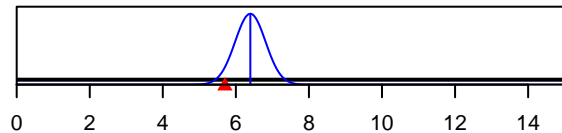




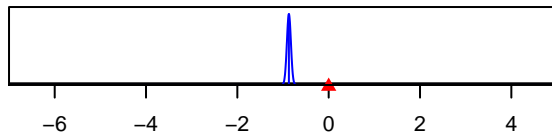
SR_LN(R0)



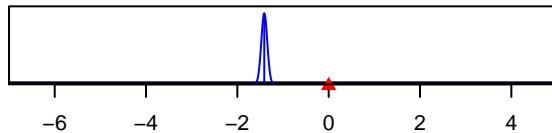
Size_95%width_FISHERY(1)



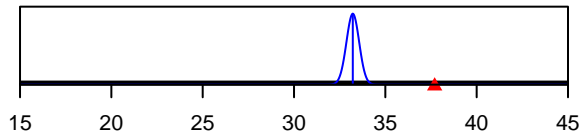
LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)



Size_inflection_FISHERY(1)



Parameter value