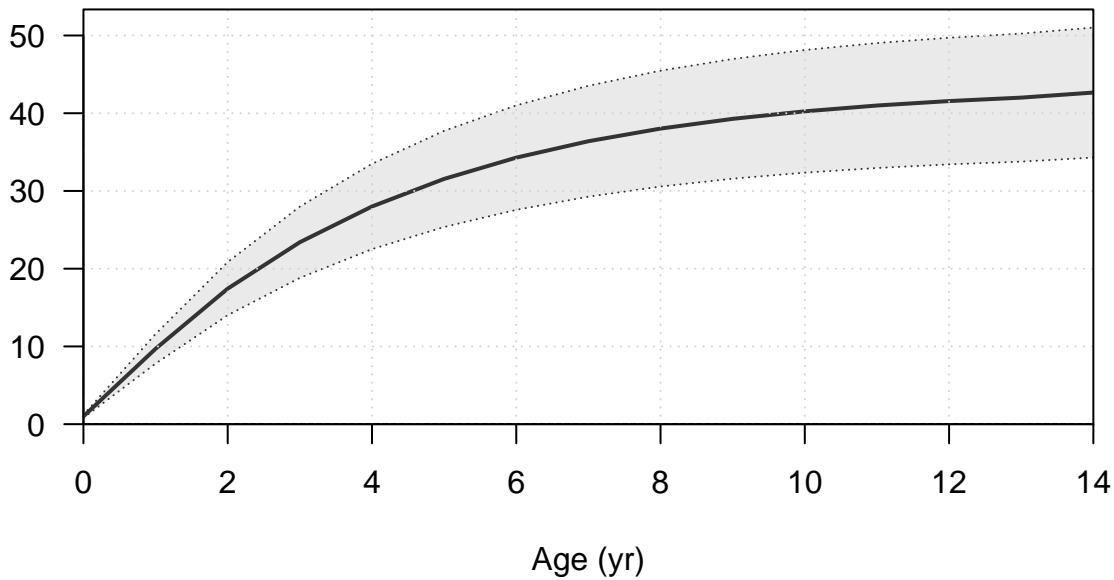
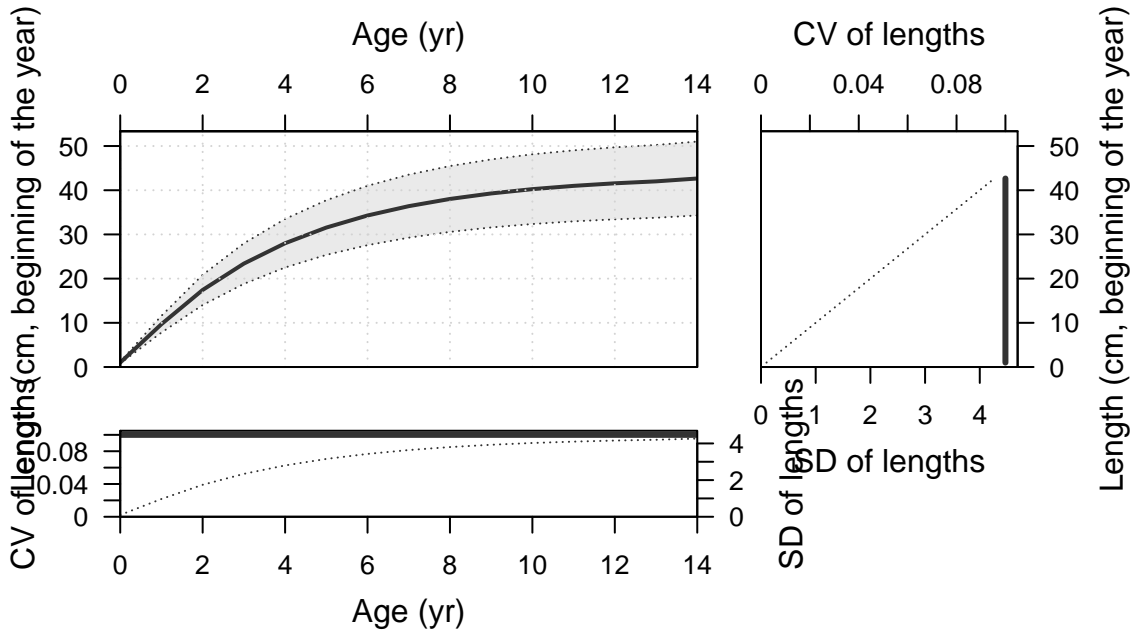
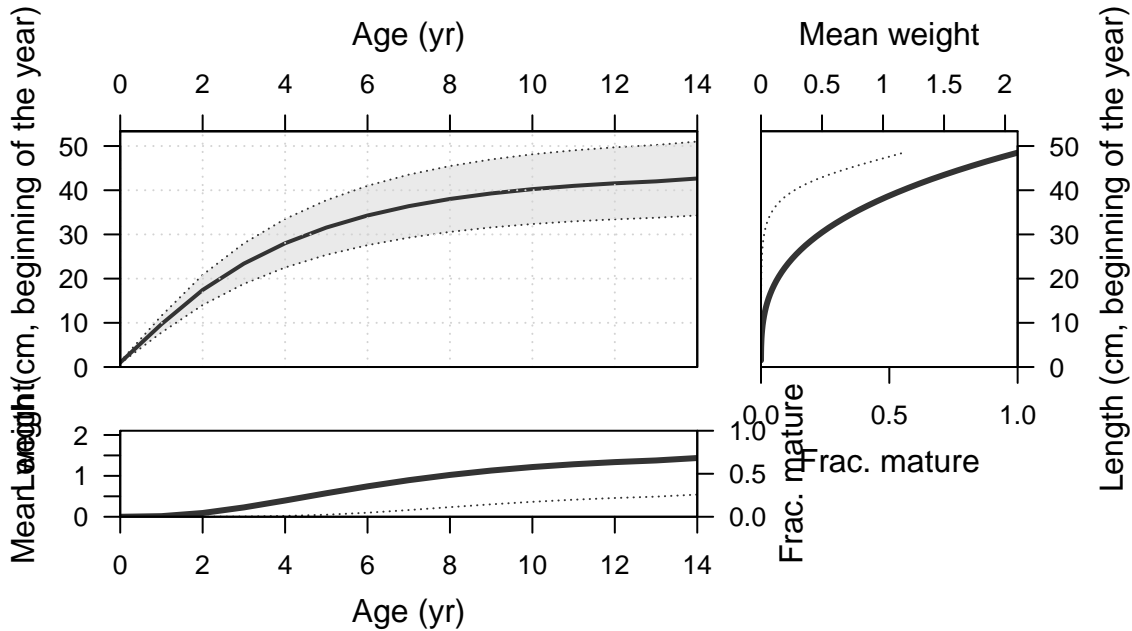


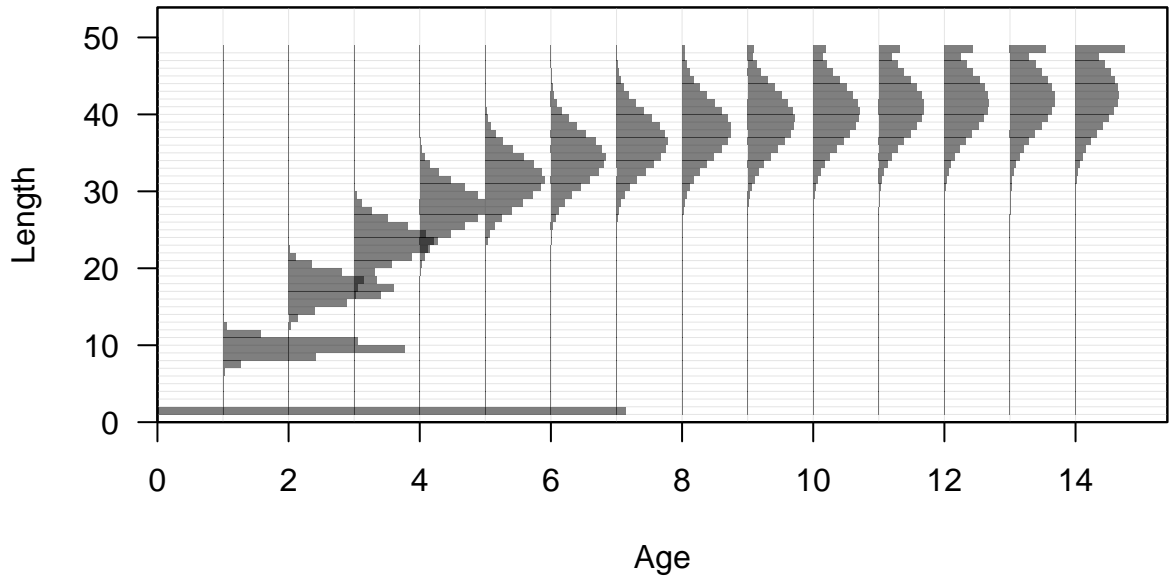
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Mon Jul 18 12:53:14 2022
Data_File: data.ss
Control_File: control.ss

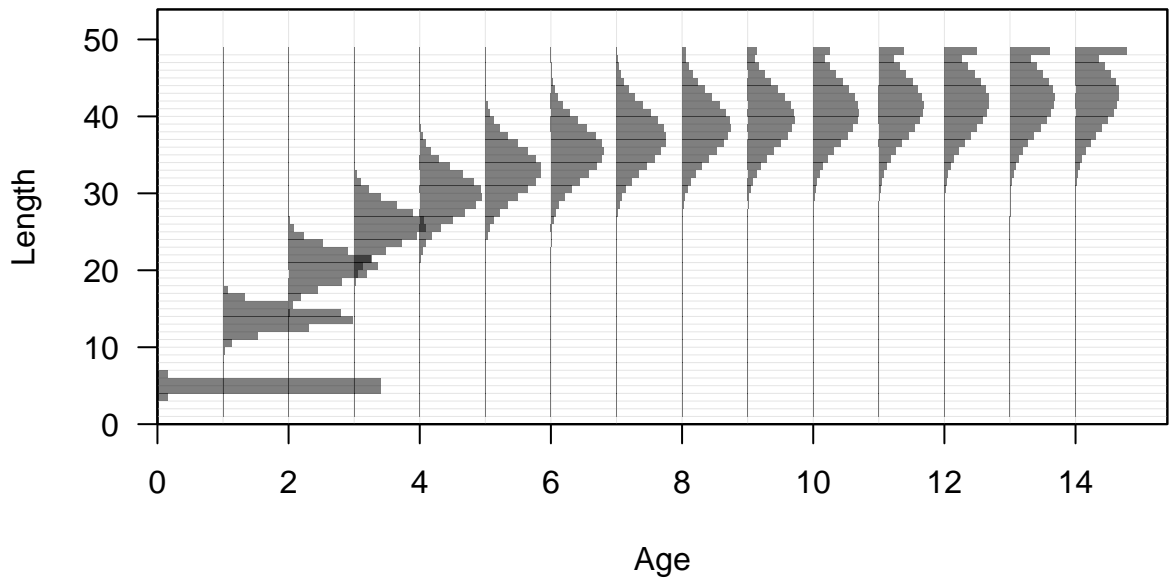
Length (cm, beginning of the year)

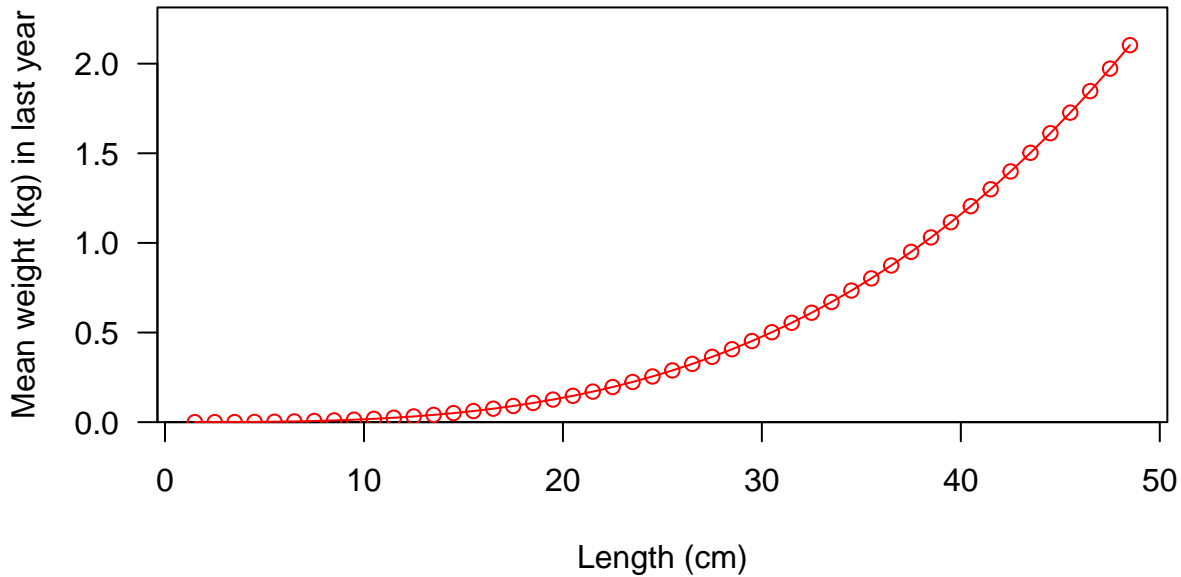


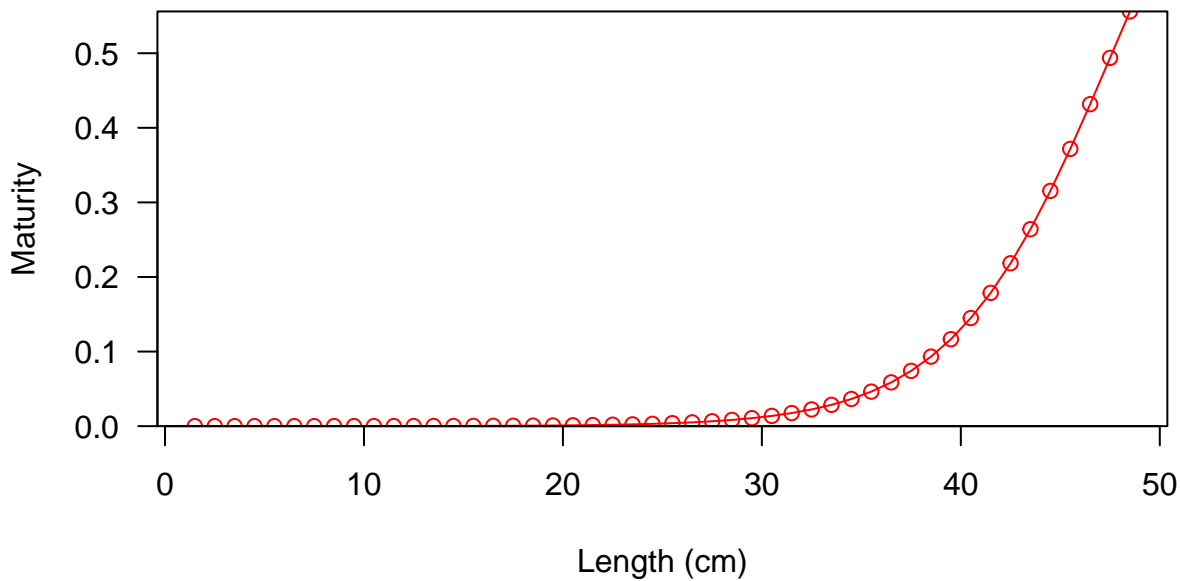


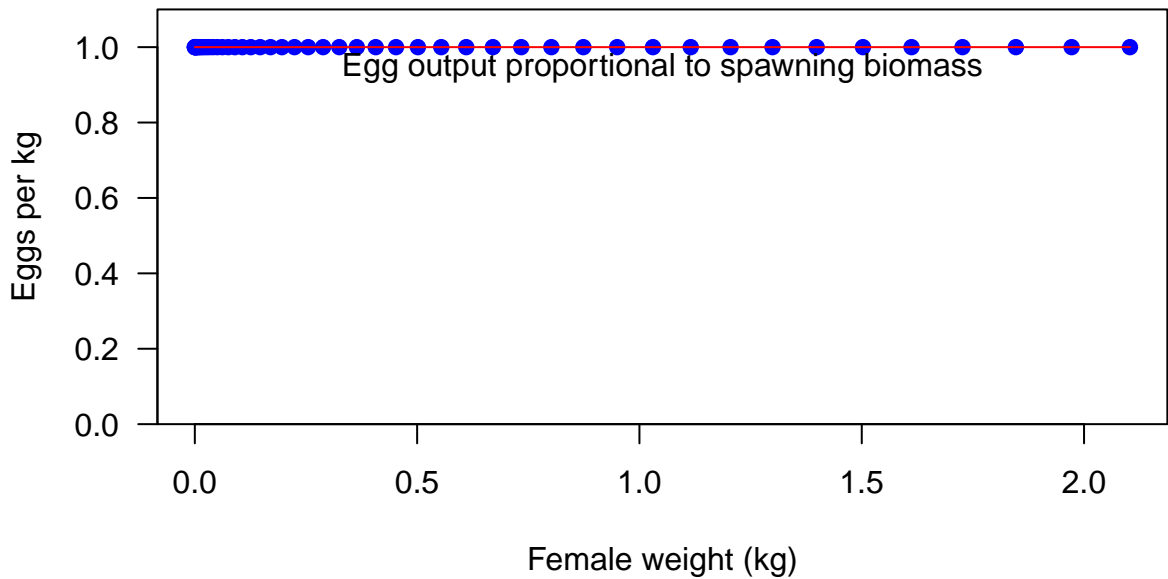


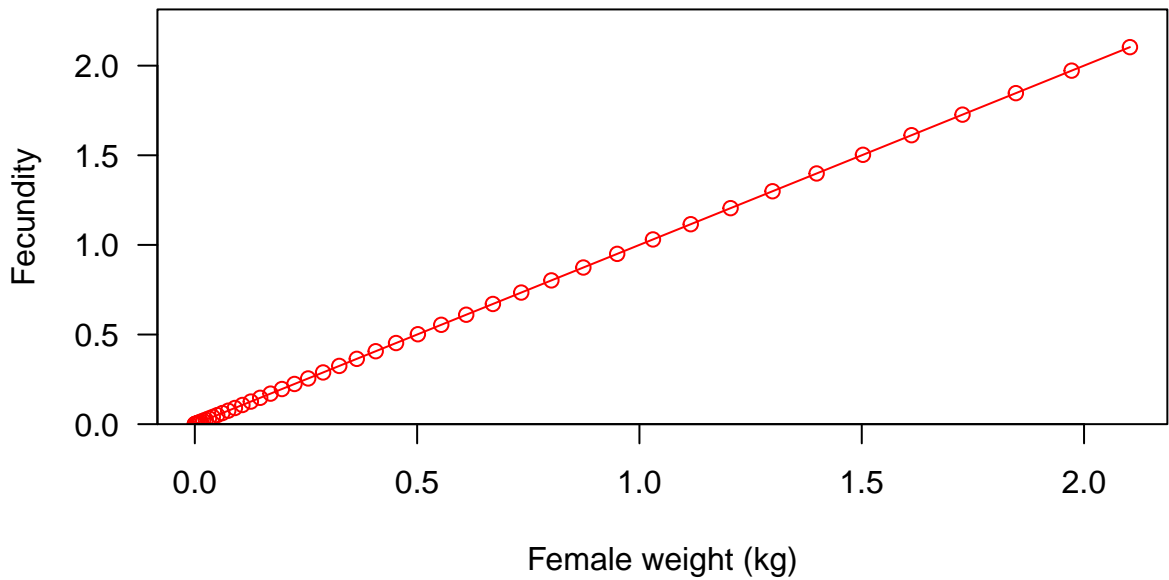


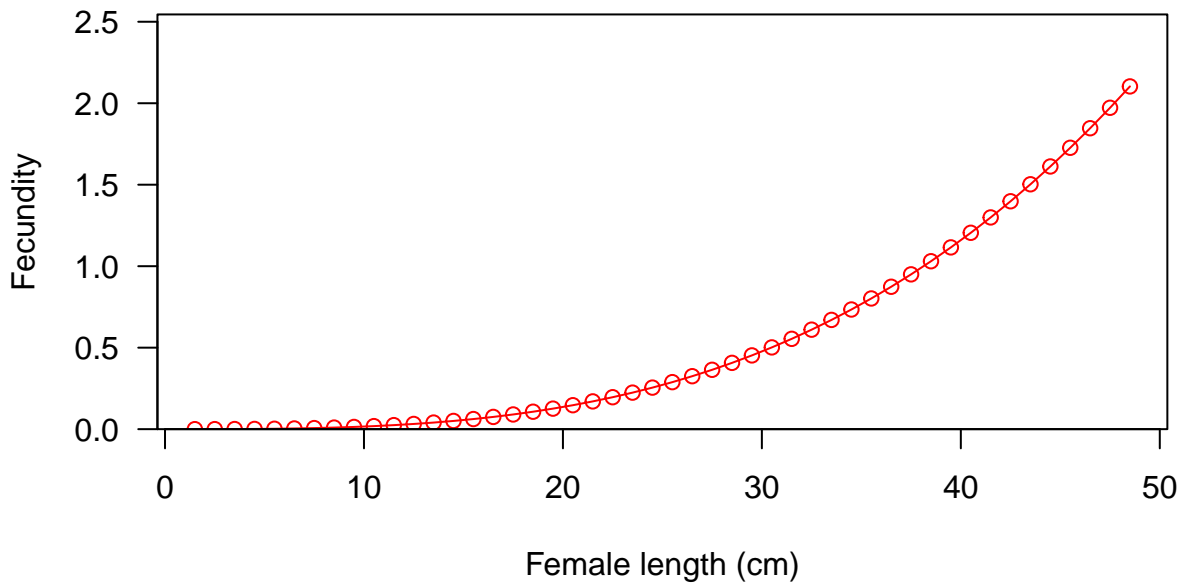


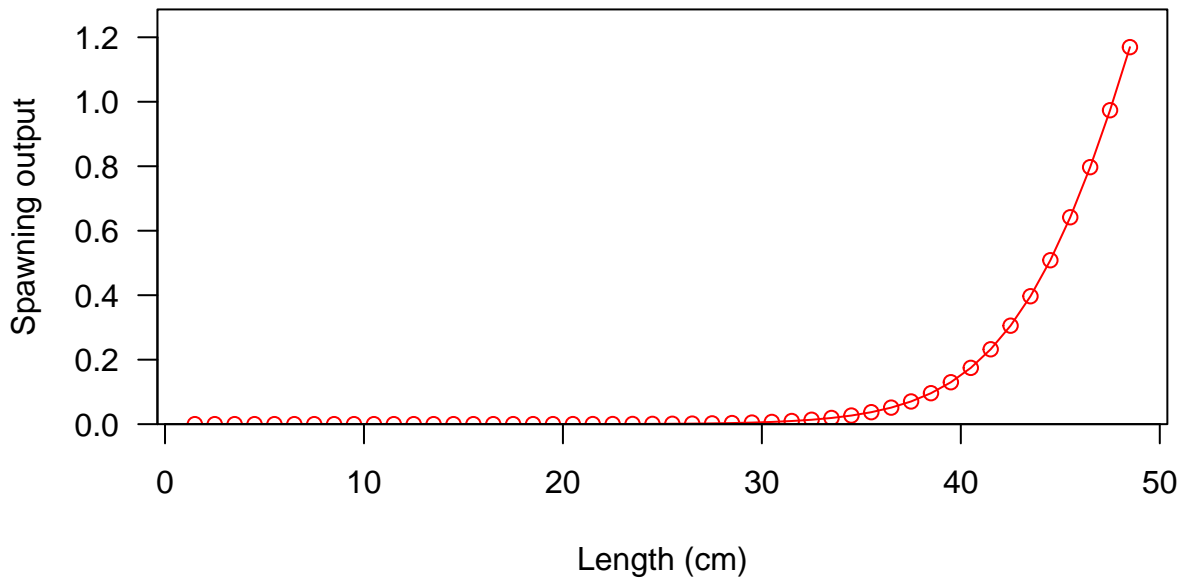


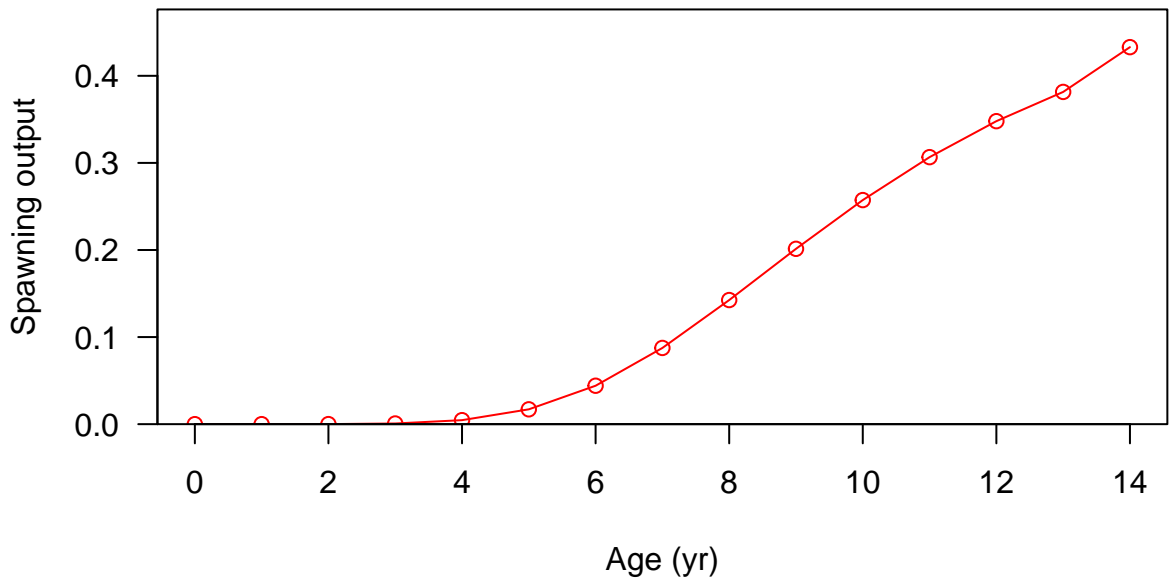




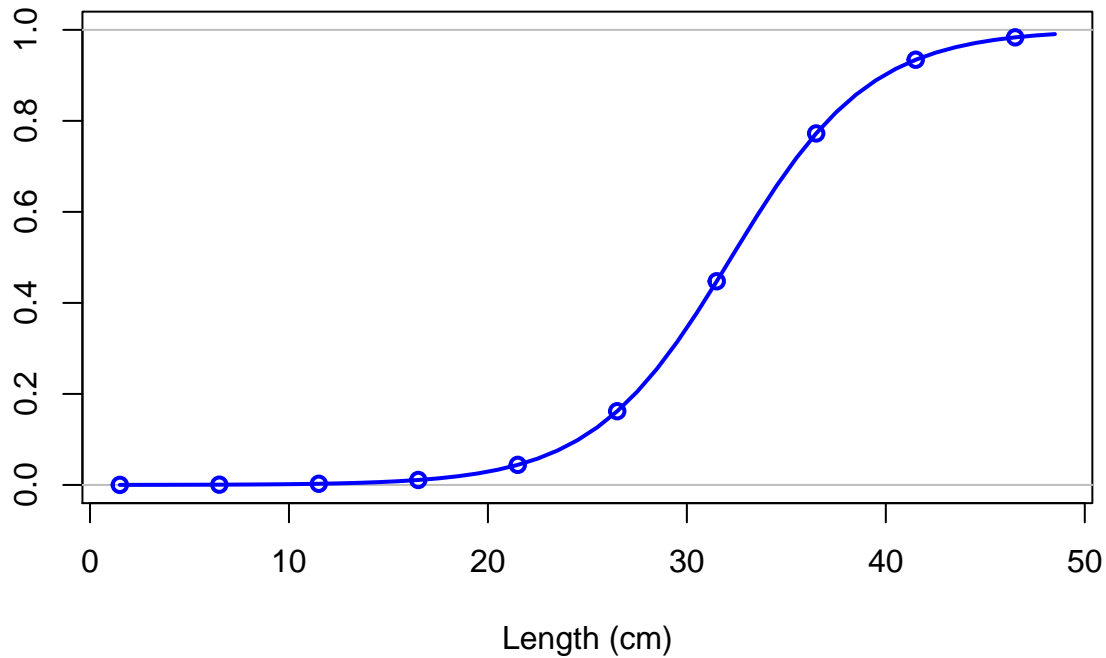




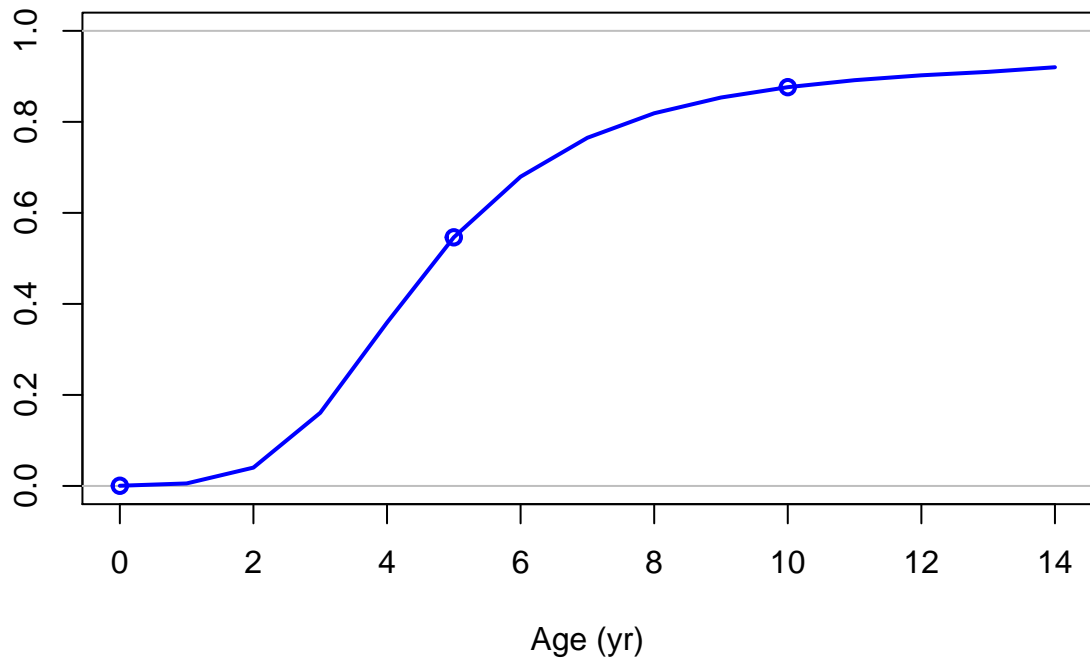




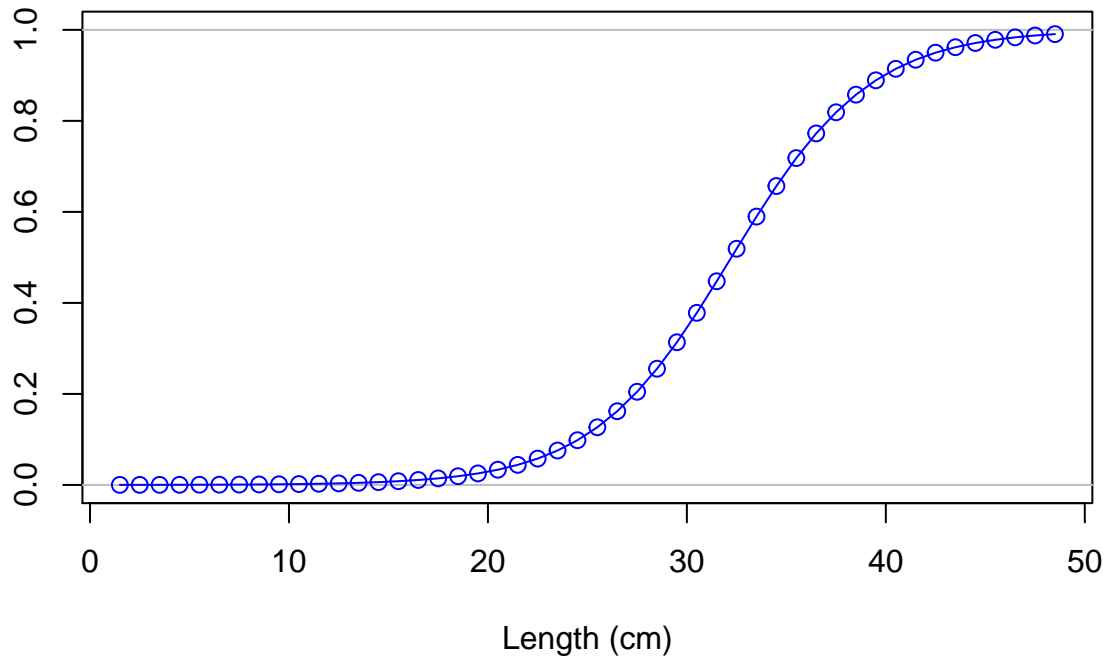
Selectivity

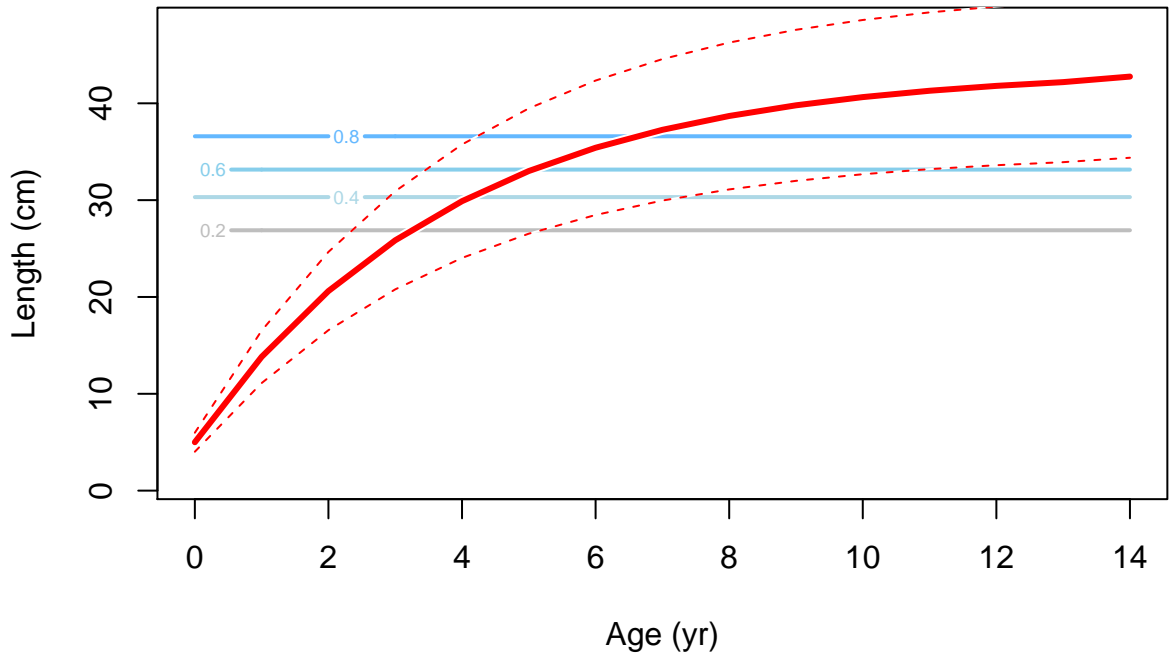


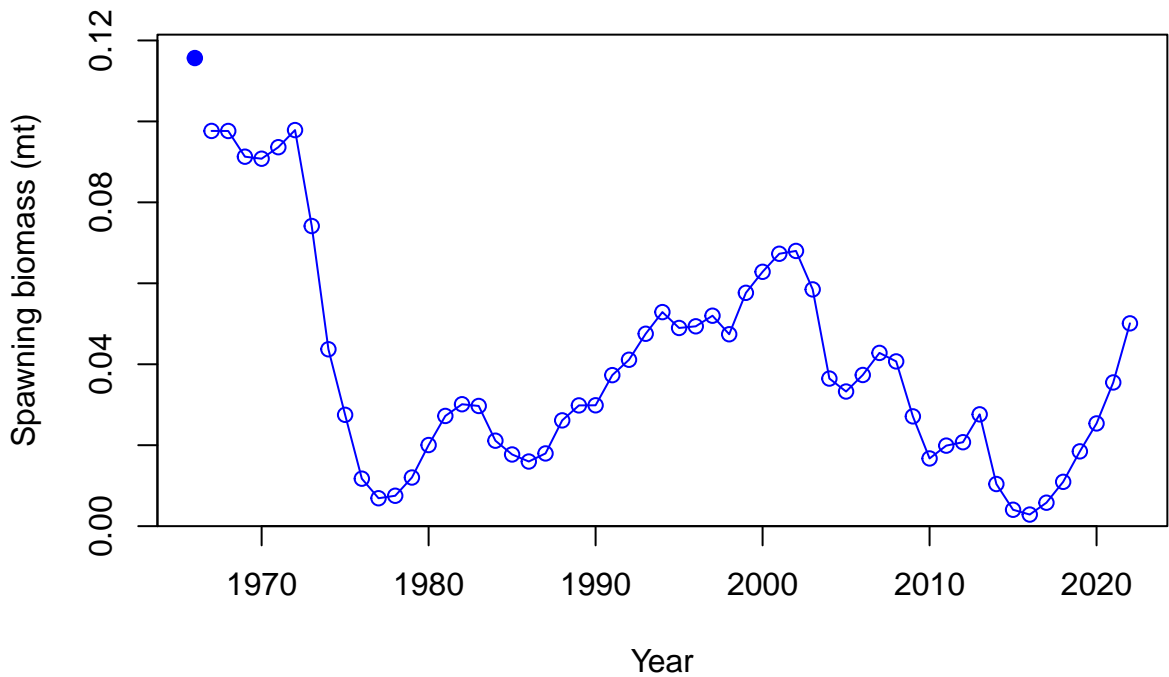
Selectivity

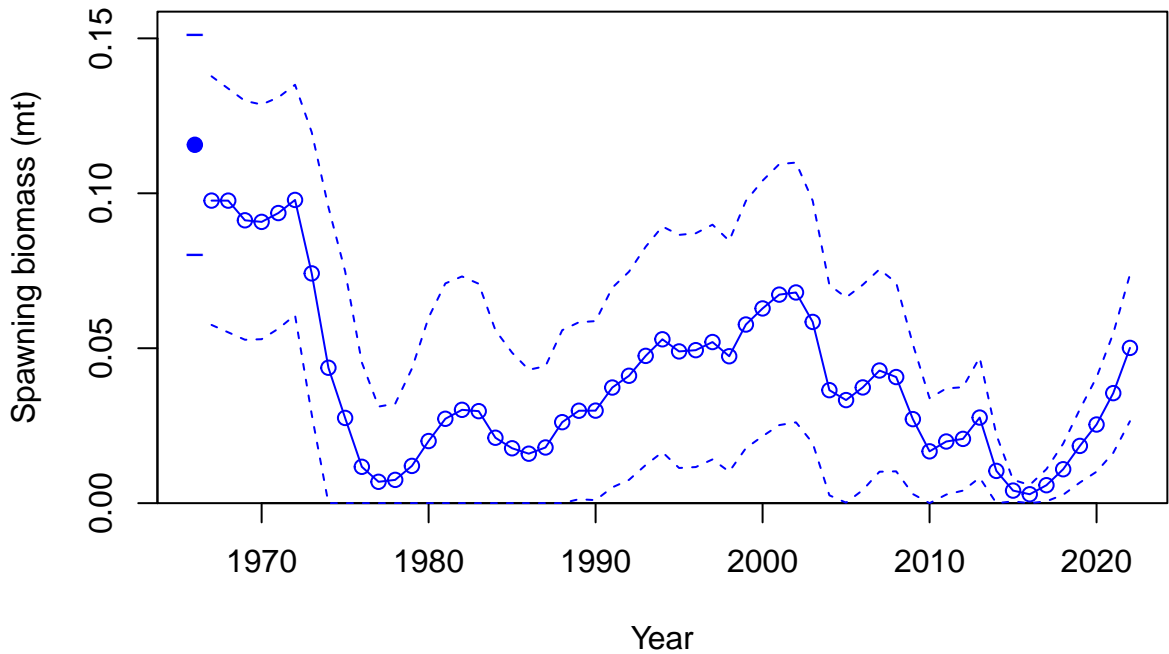


Selectivity

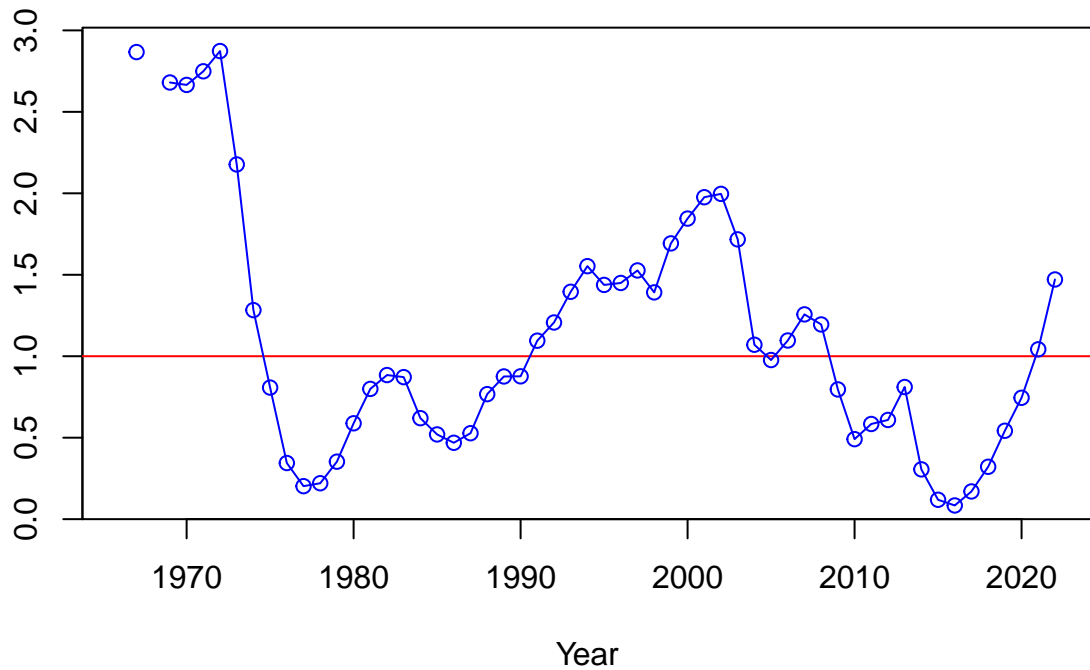




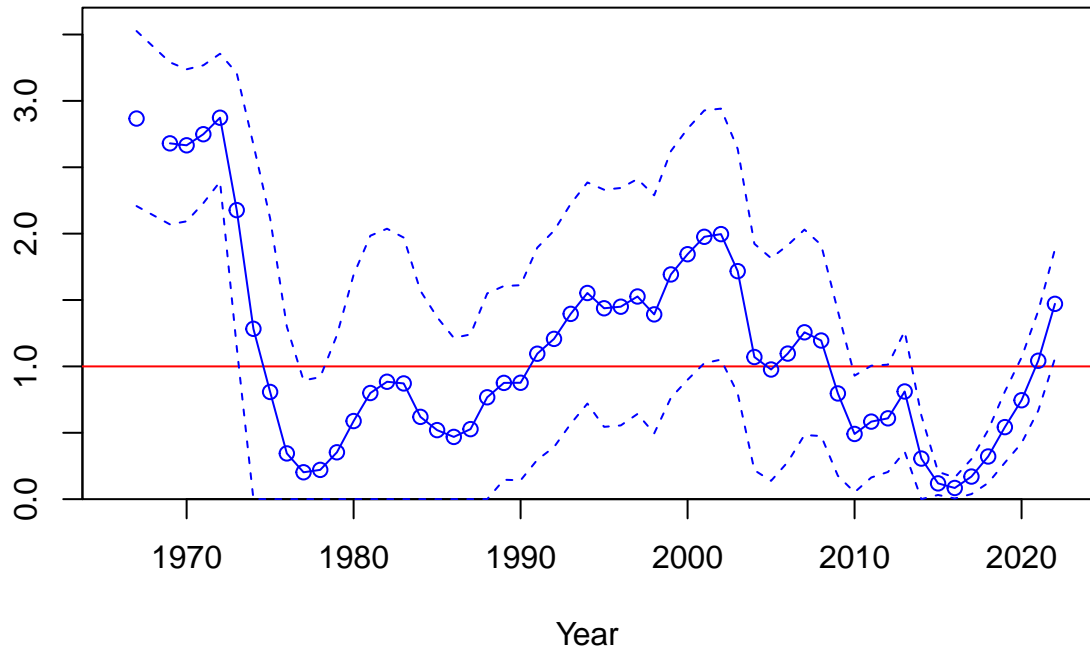


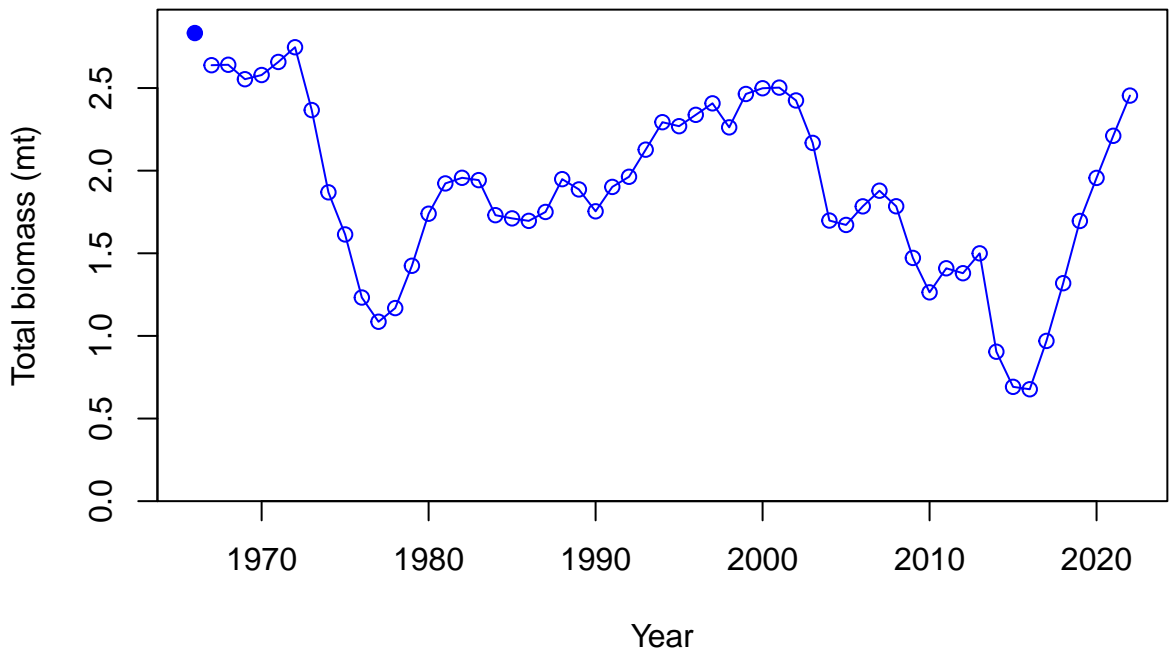


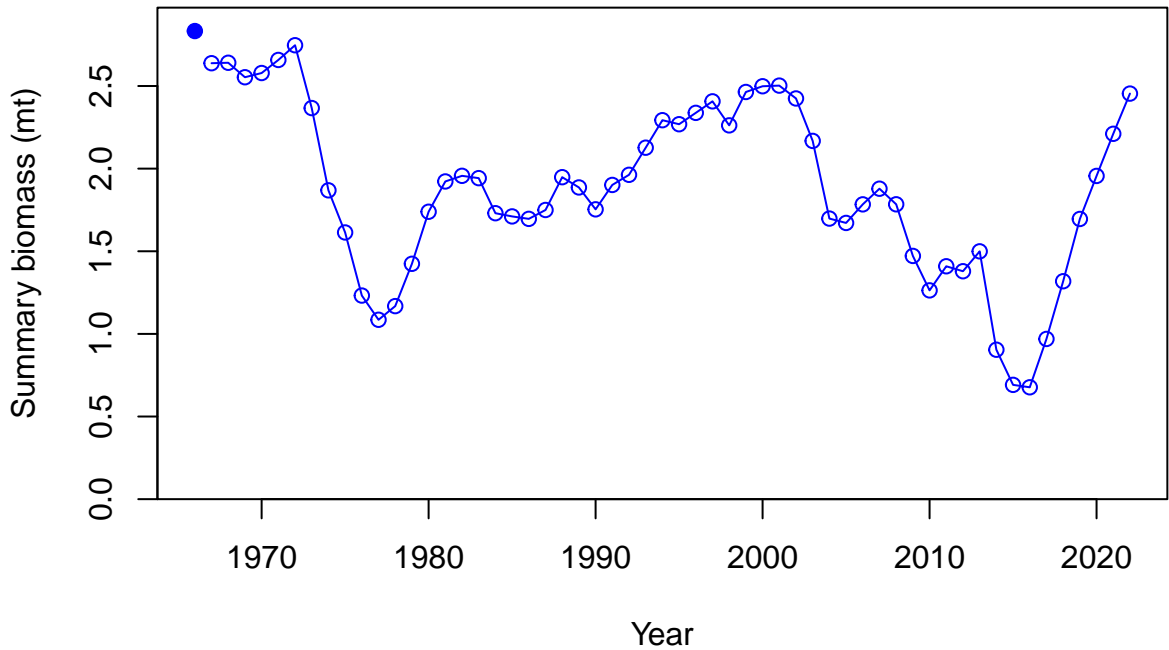
Relative spawning biomass: B/B_MSY



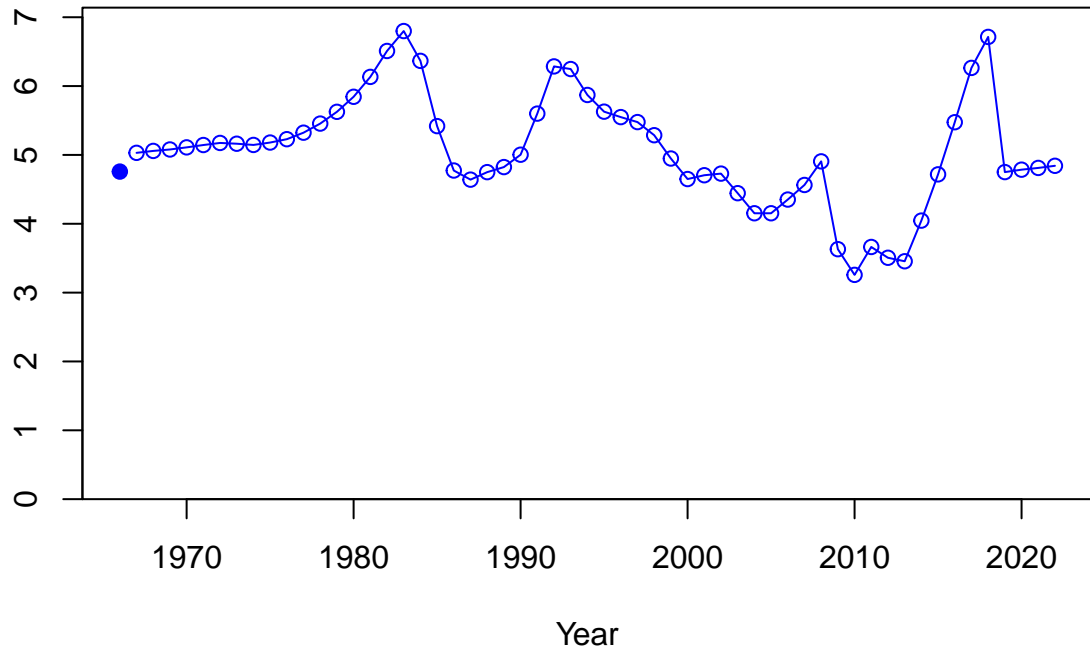
Relative spawning biomass: B/B_{MSY}



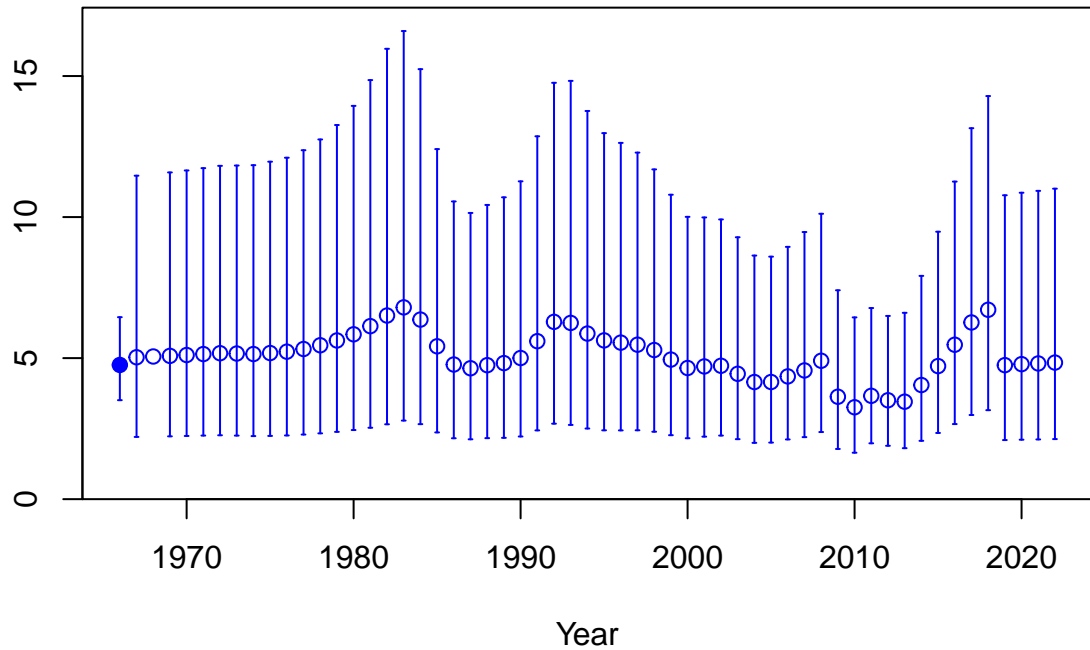




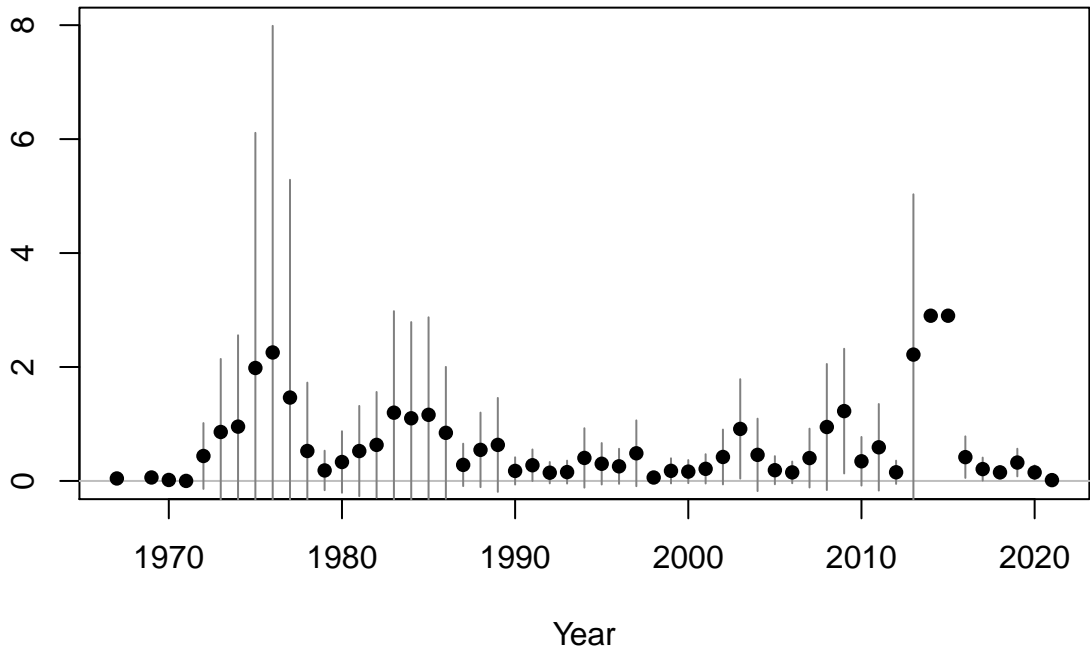
Age-0 recruits (1,000s)

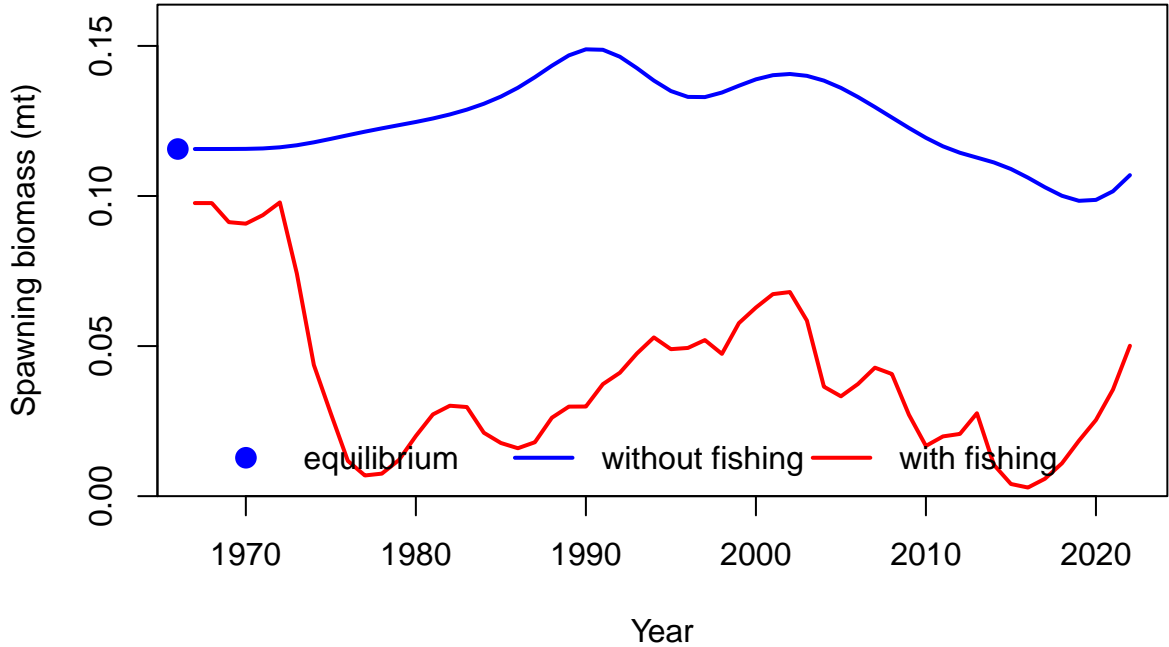


Age-0 recruits (1,000s)

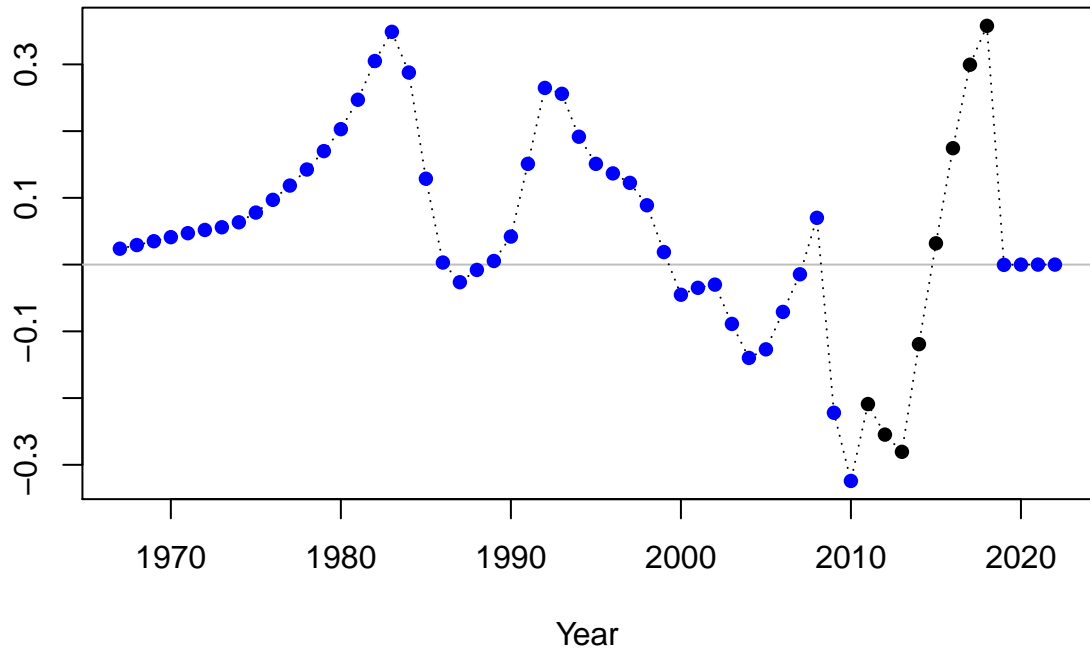


Summary Fishing Mortality

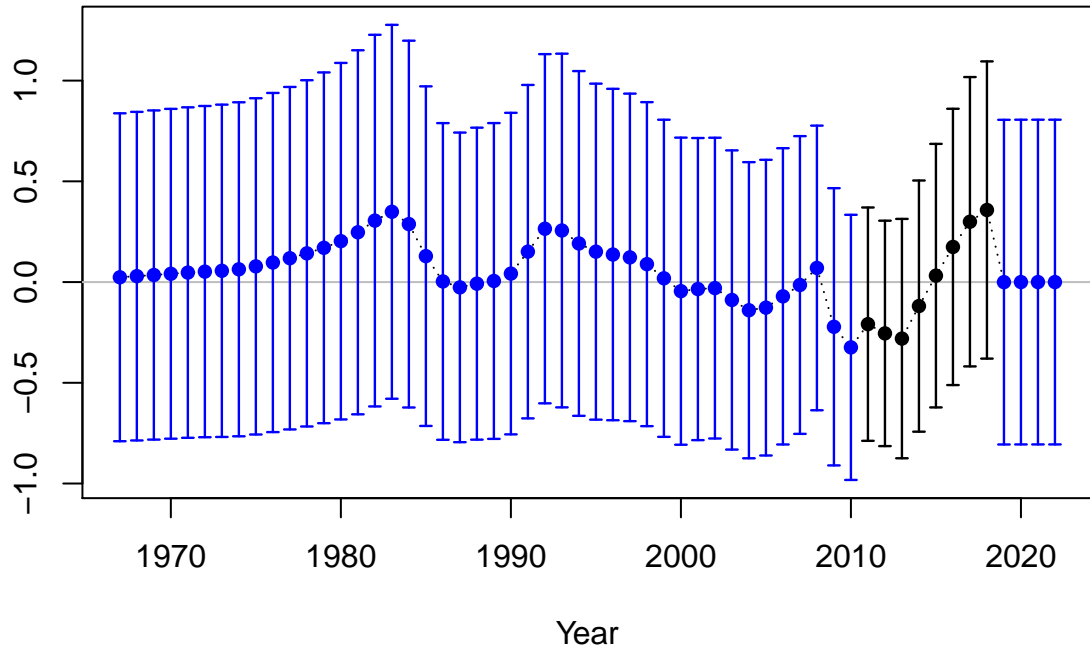




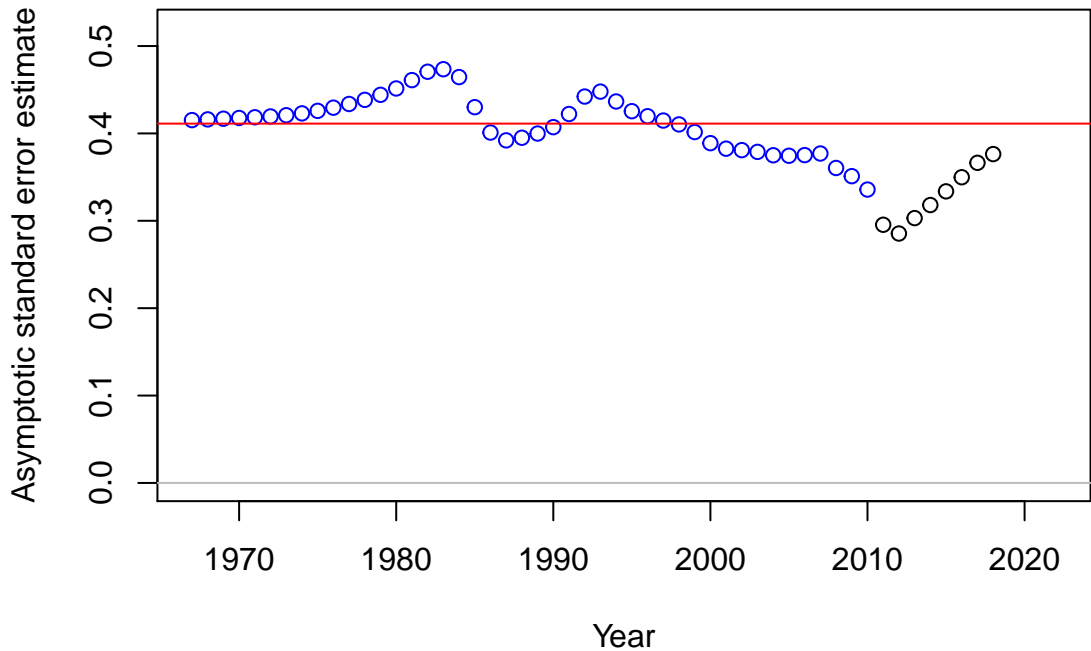
Log recruitment deviation

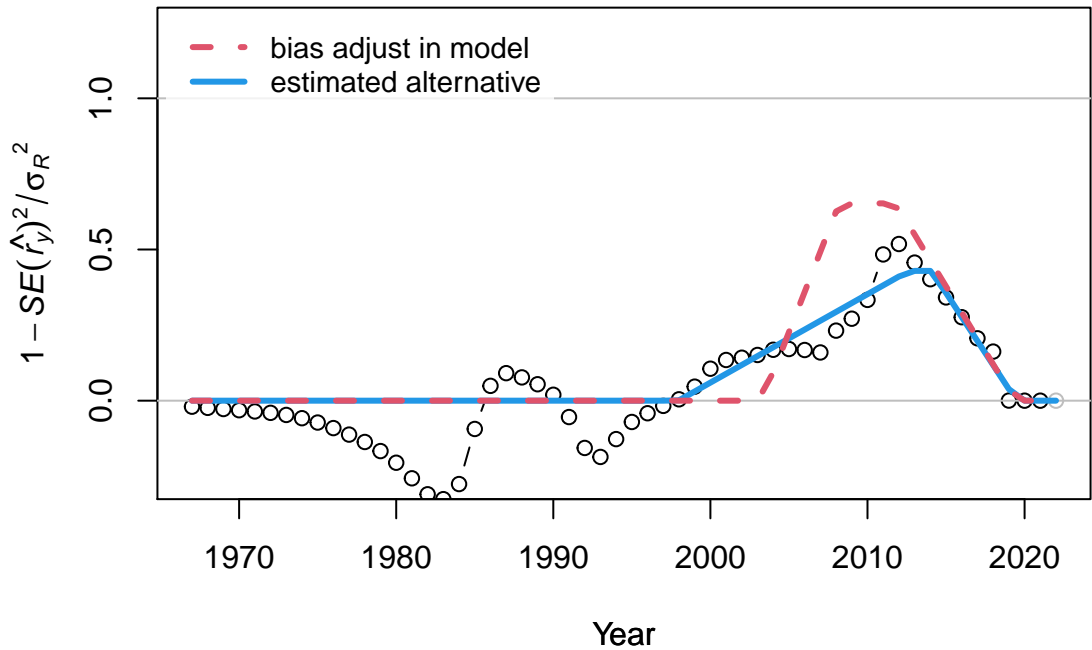


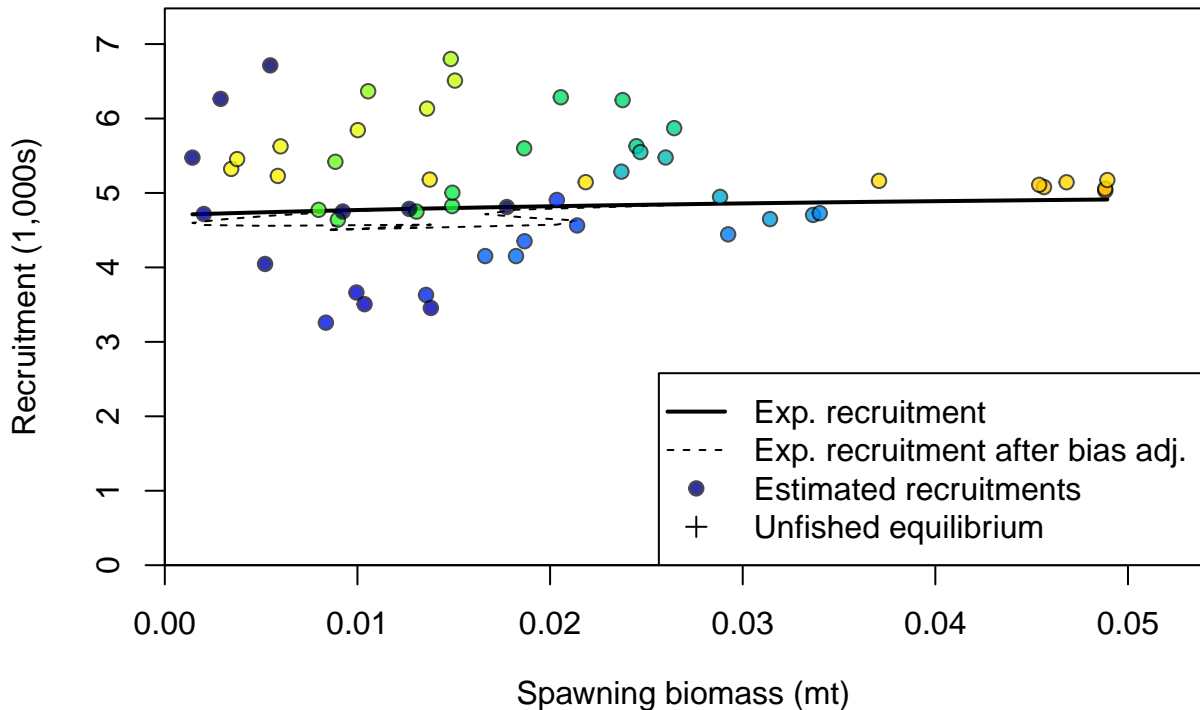
Log recruitment deviation

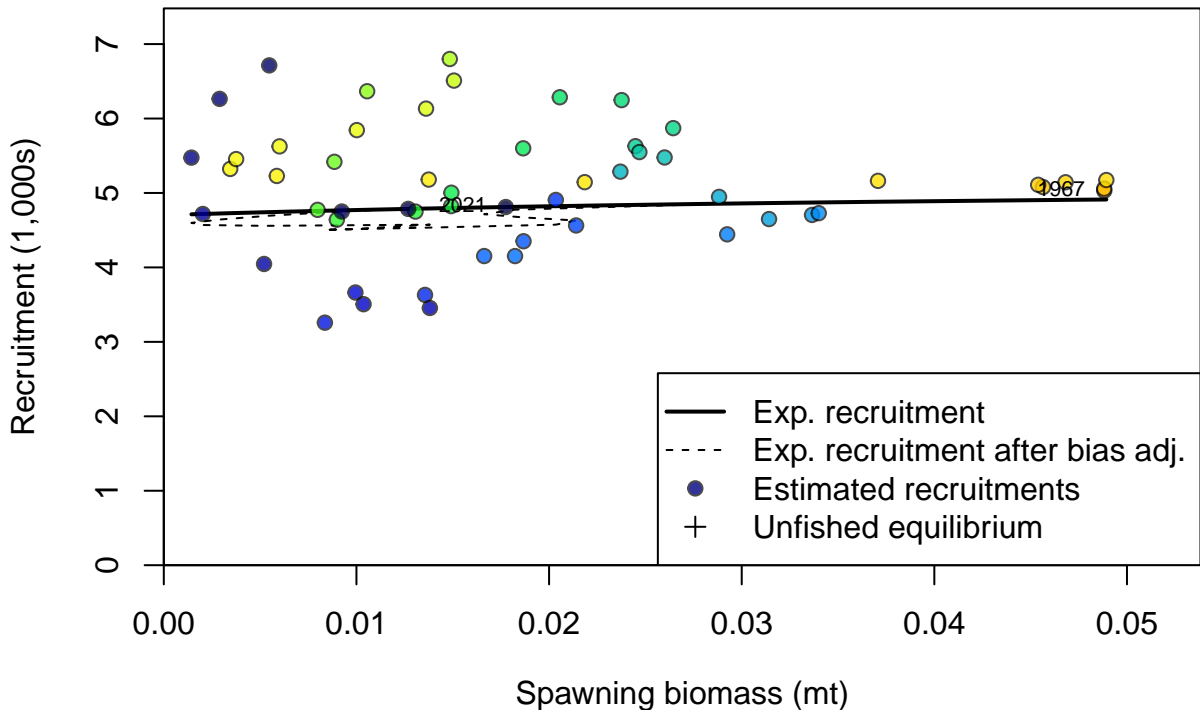


Recruitment deviation variance

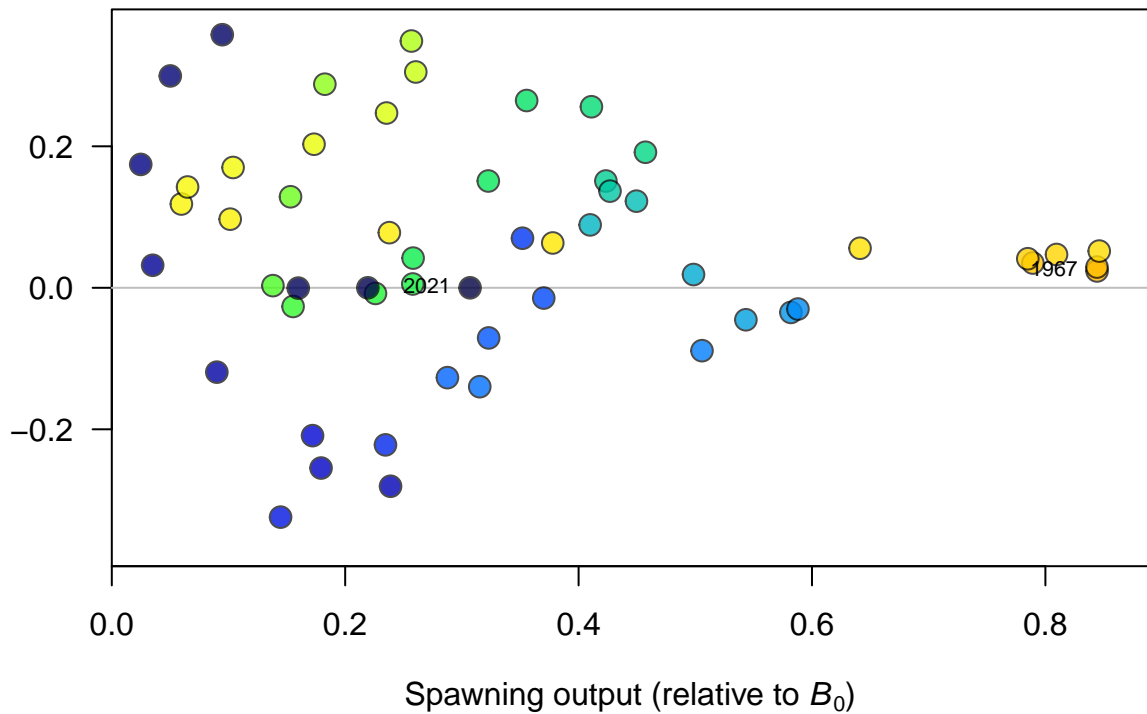


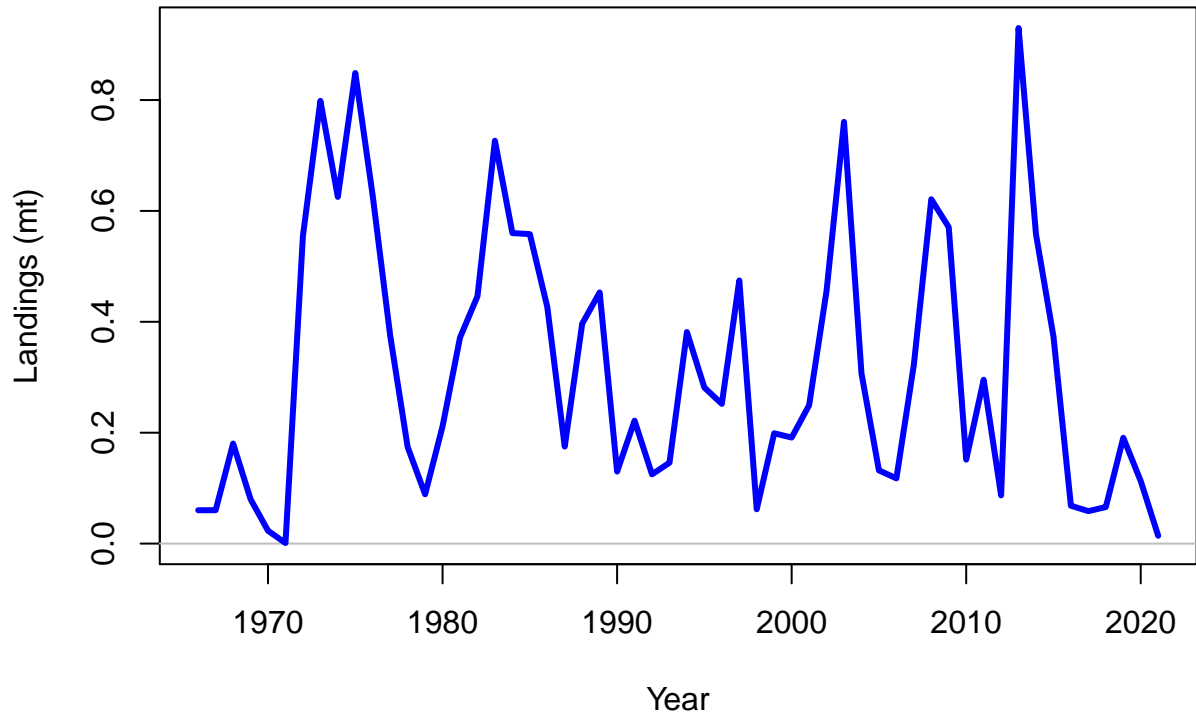


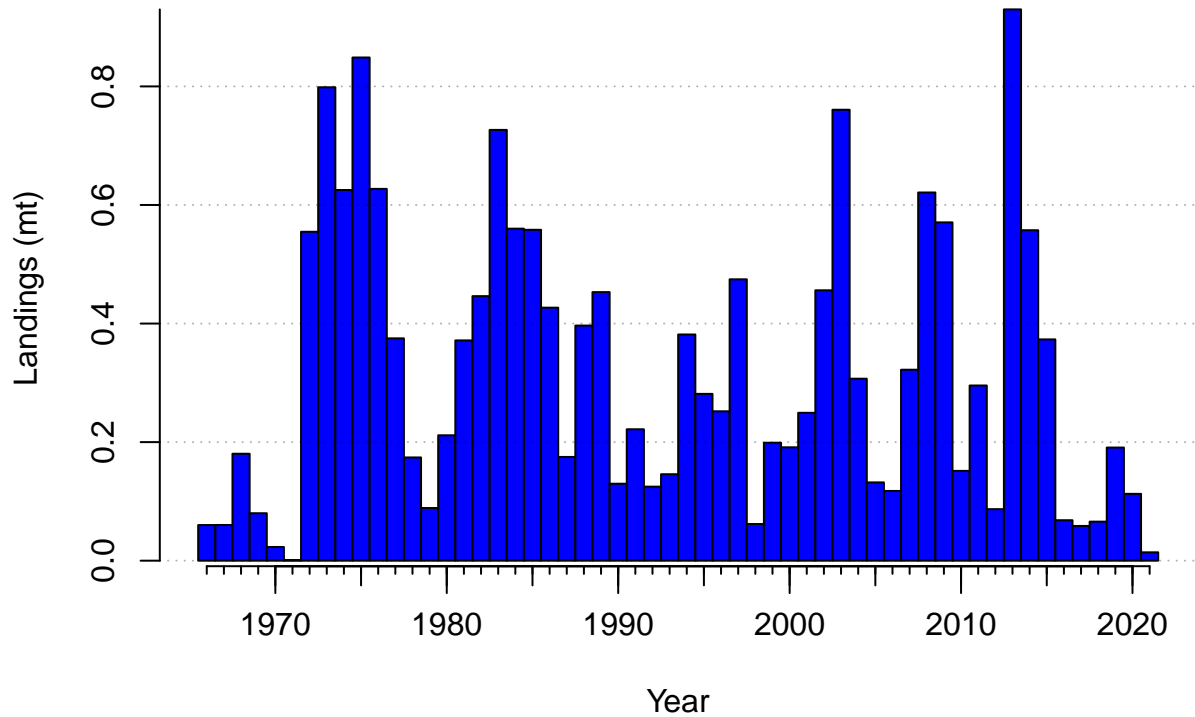




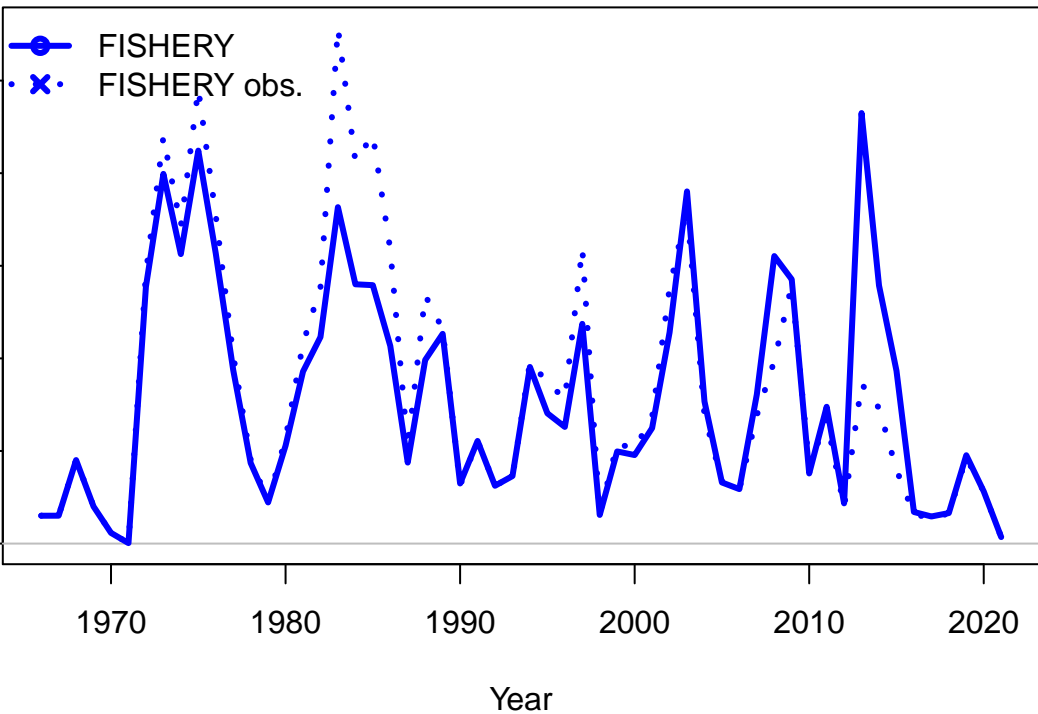
Log recruitment deviation

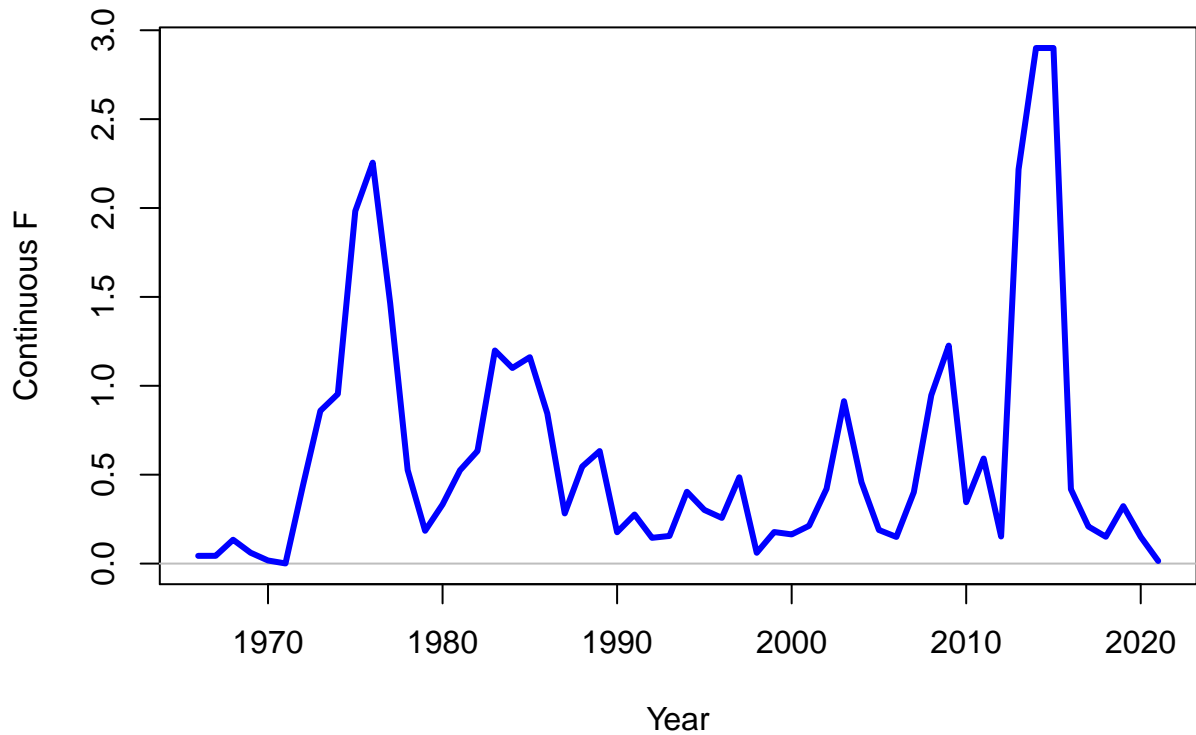




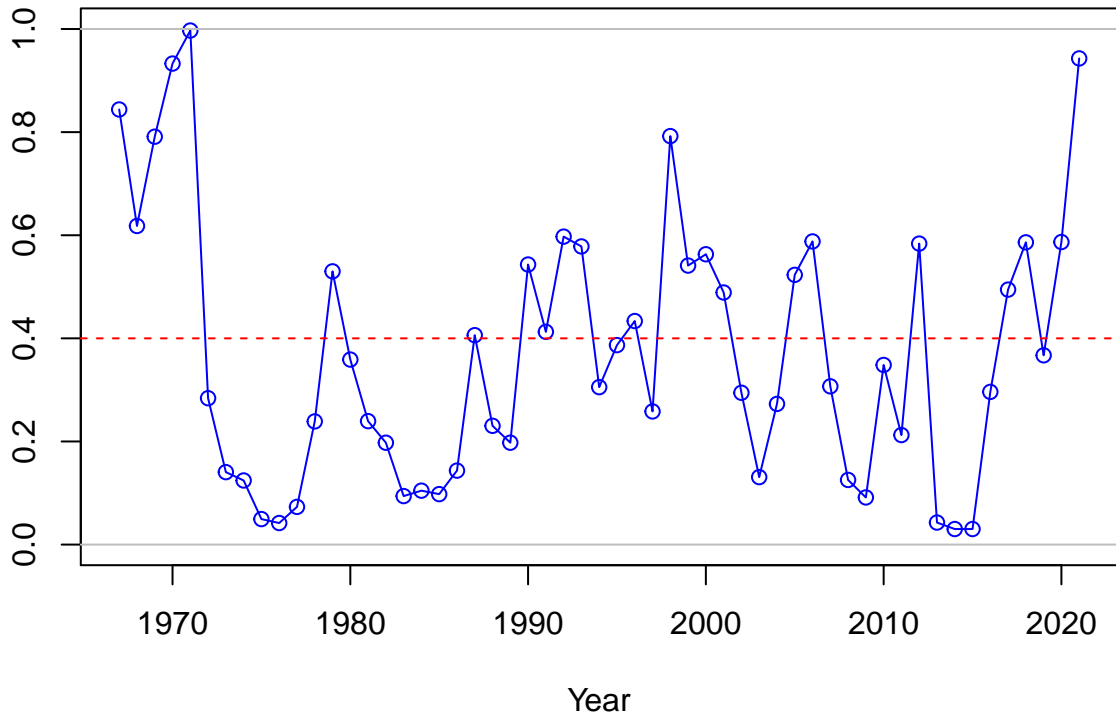


Observed and expected Landings (mt)

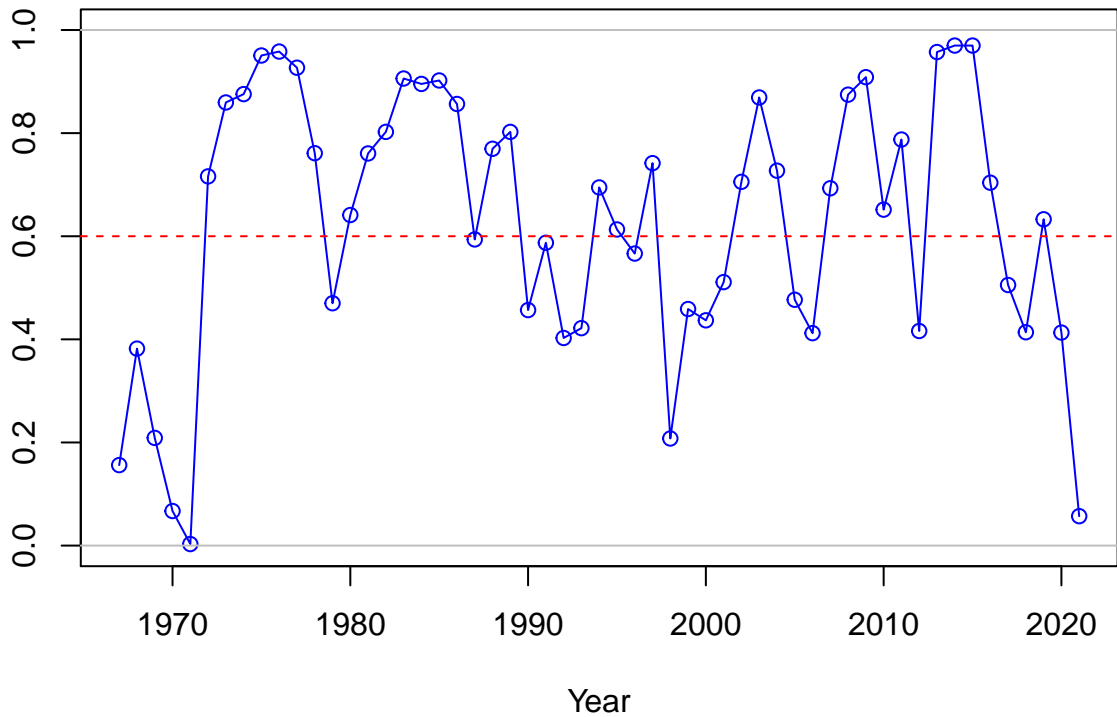




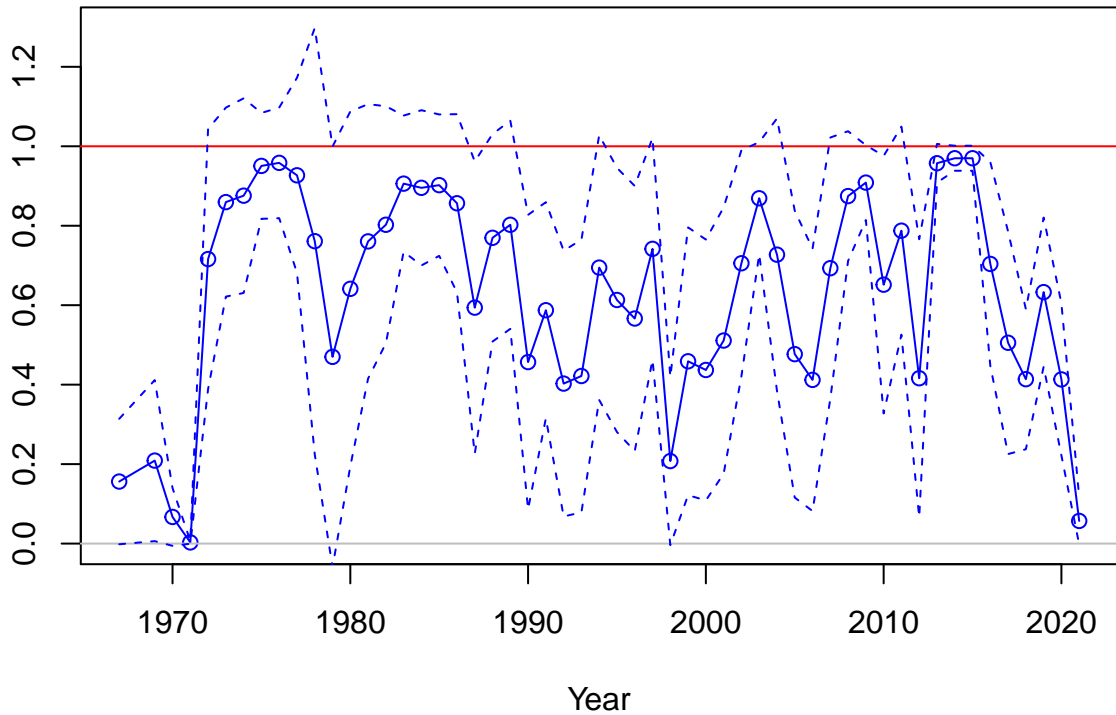
SPR



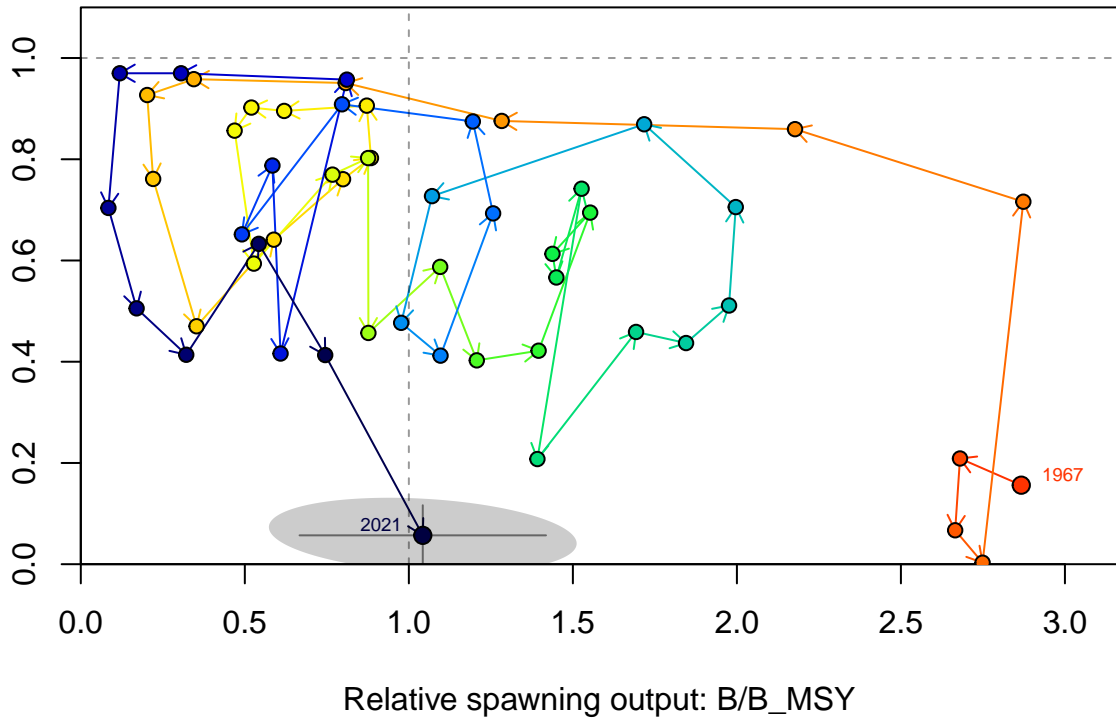
1-SPR



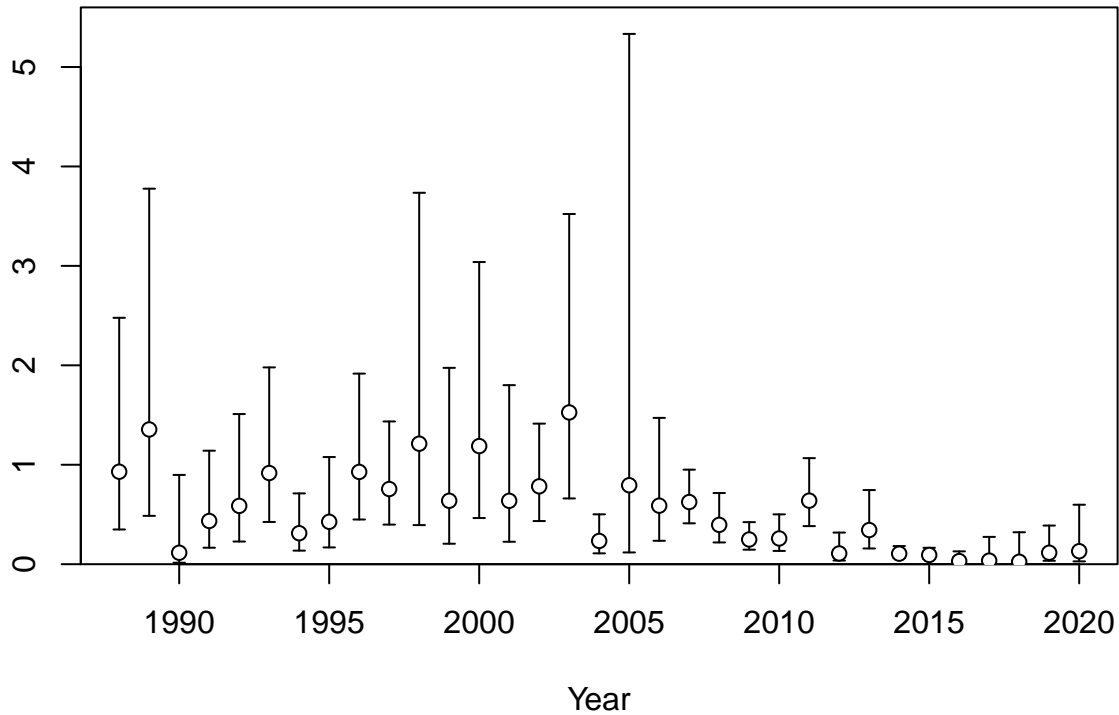
Fishing intensity: 1-SPR



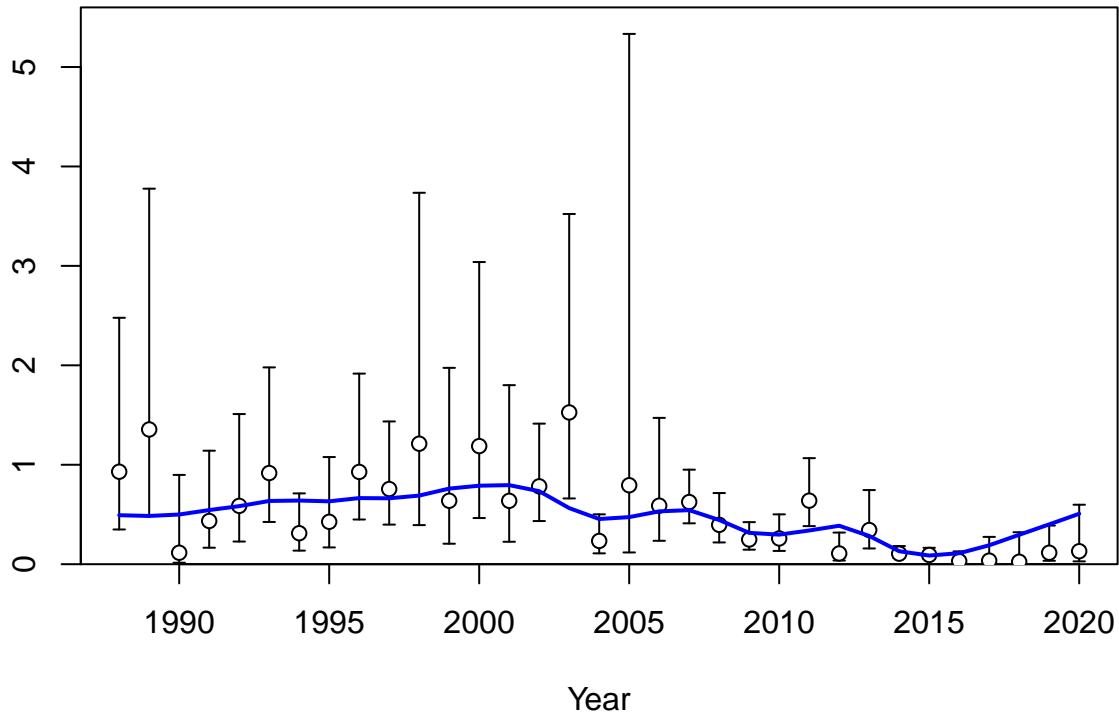
Fishing intensity: 1-SPR

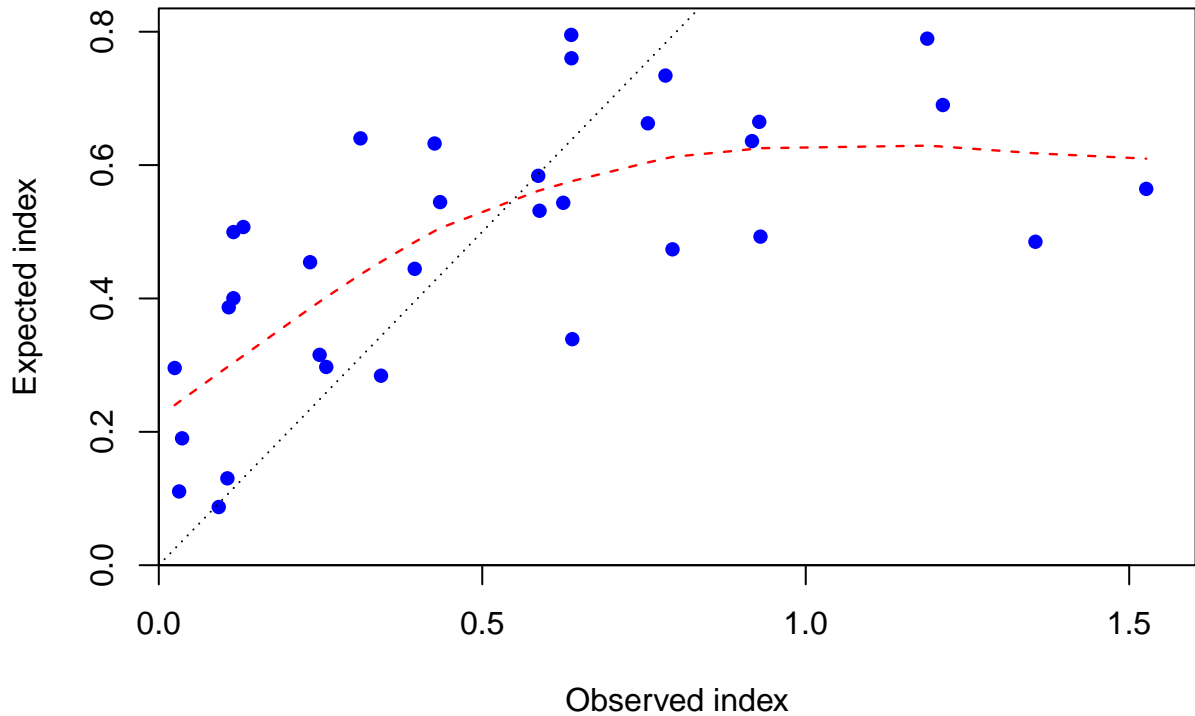


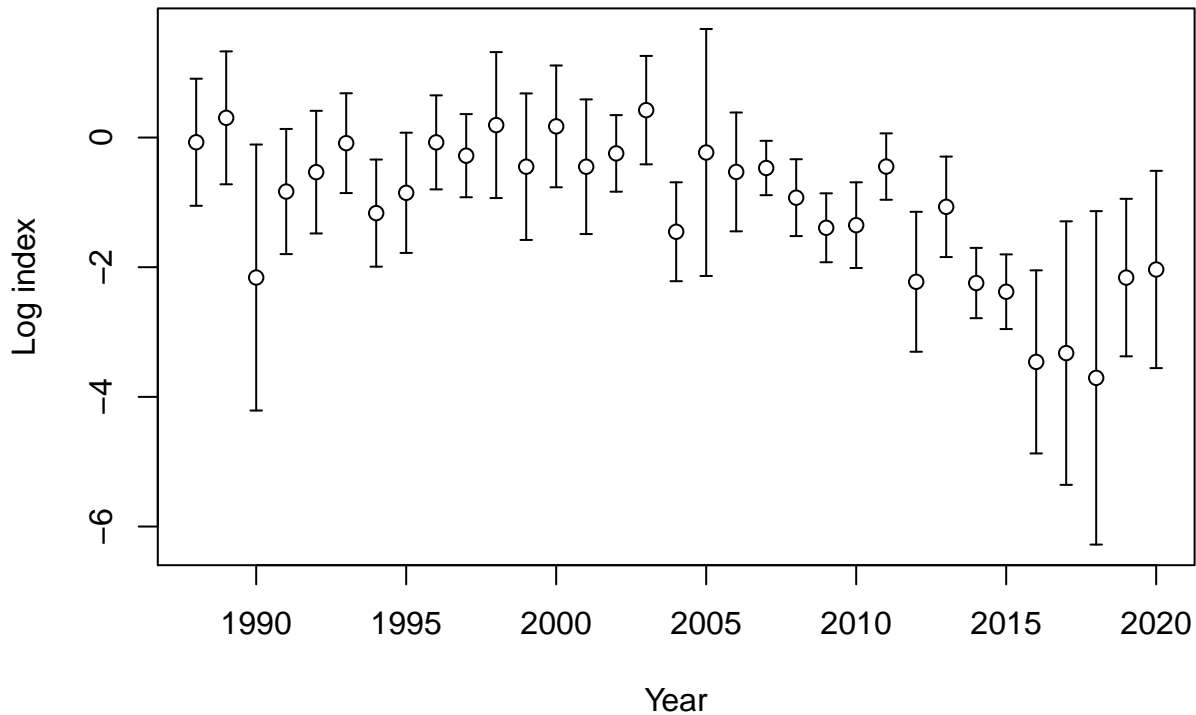
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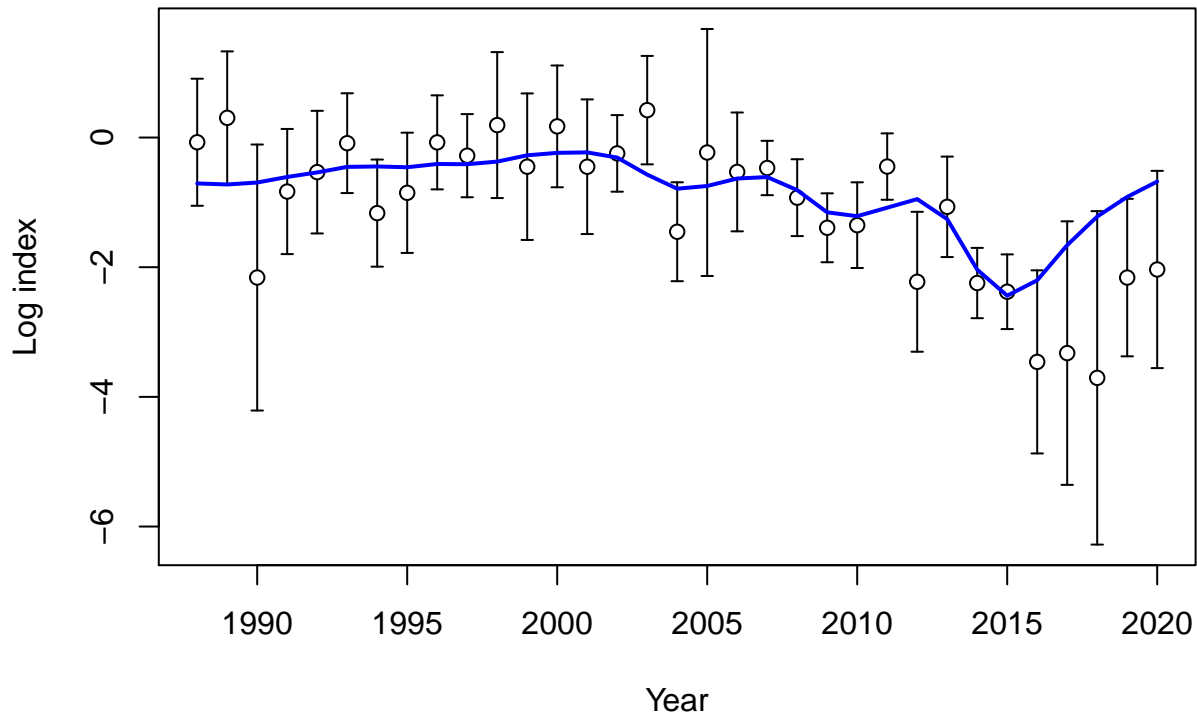


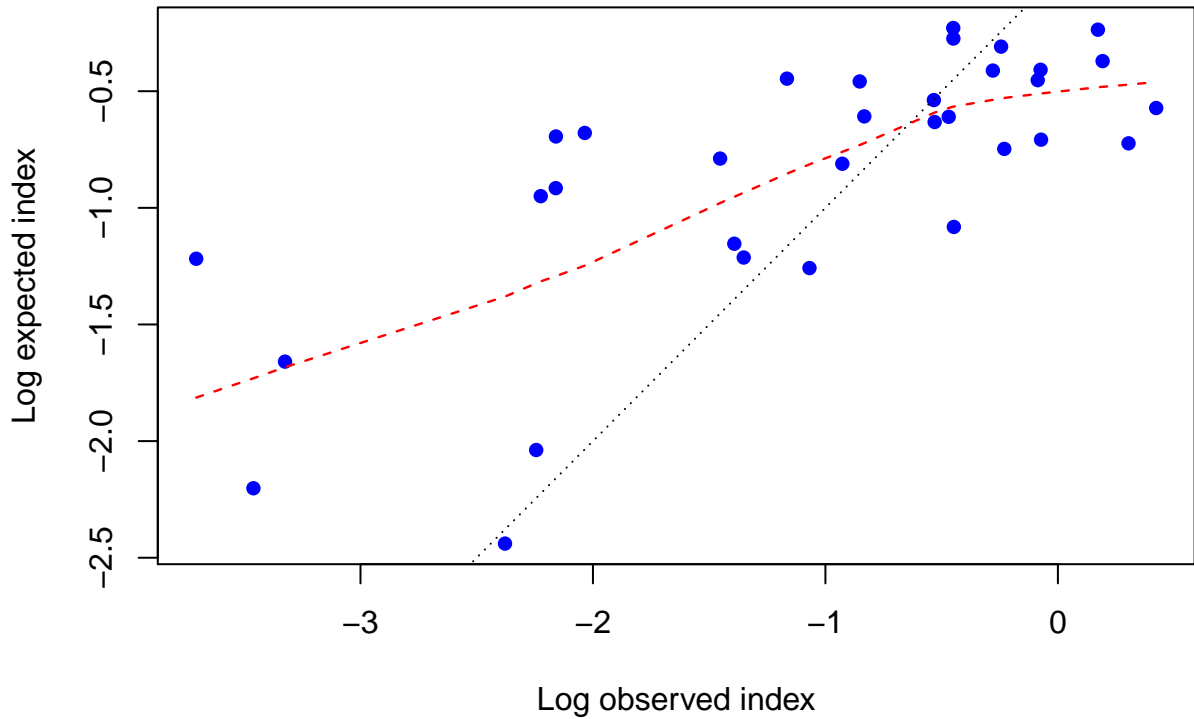
Index











Effective catchability

0.677697
0.677695
0.677693

0.2

0.4

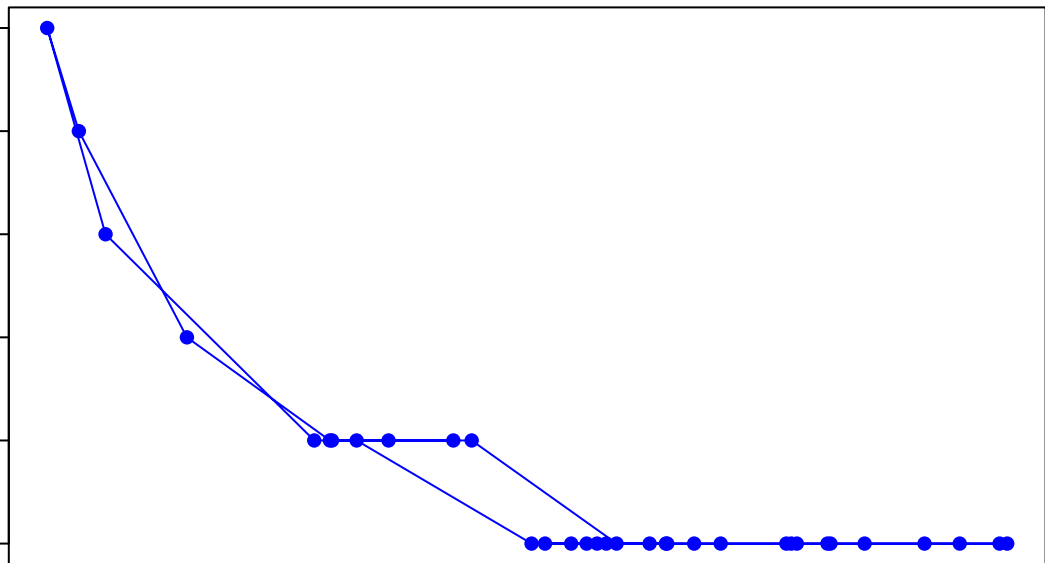
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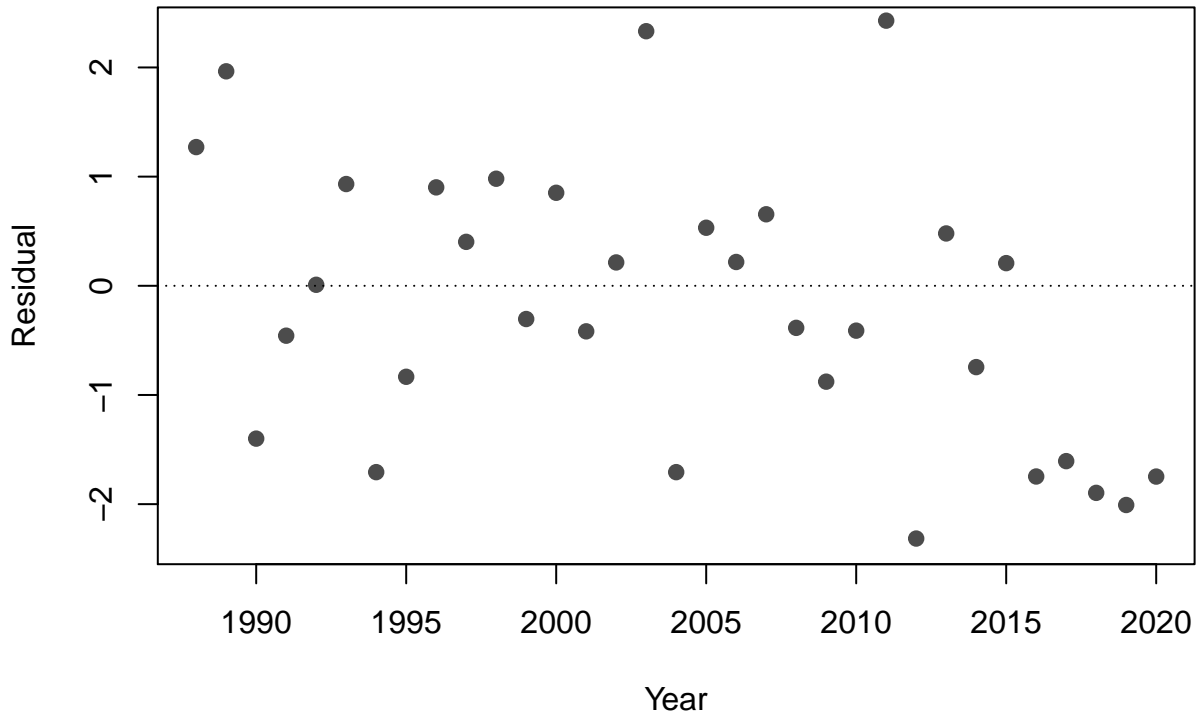
0.8

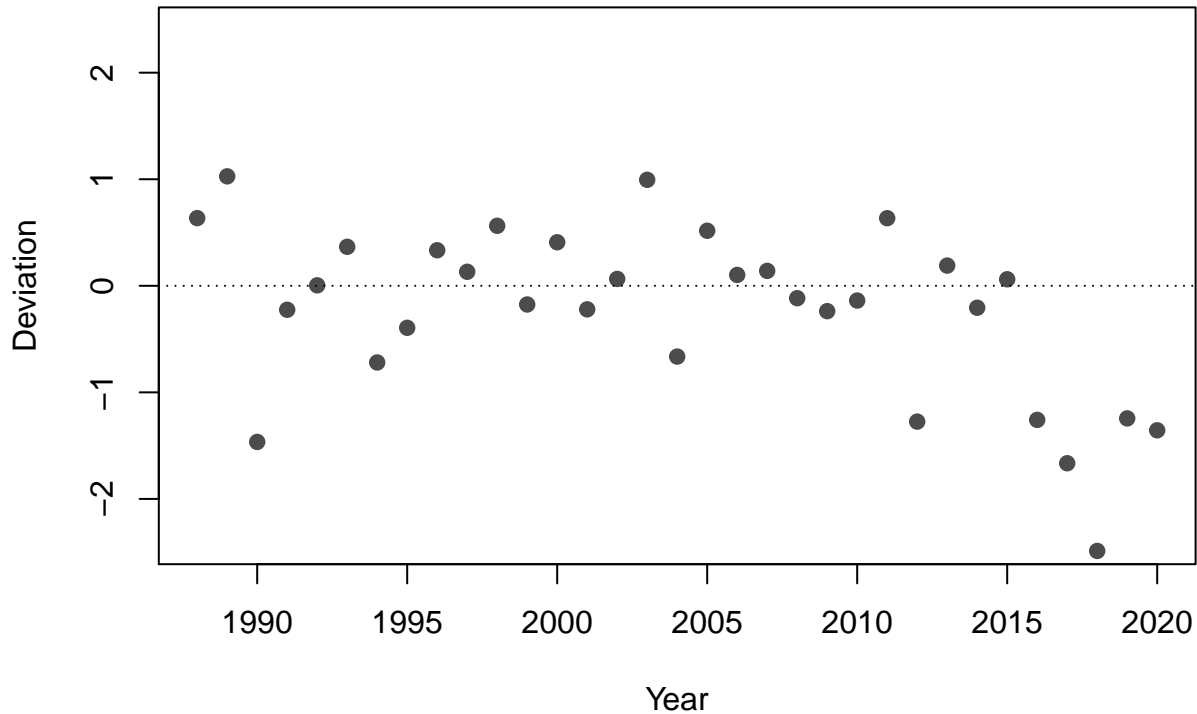
1.0

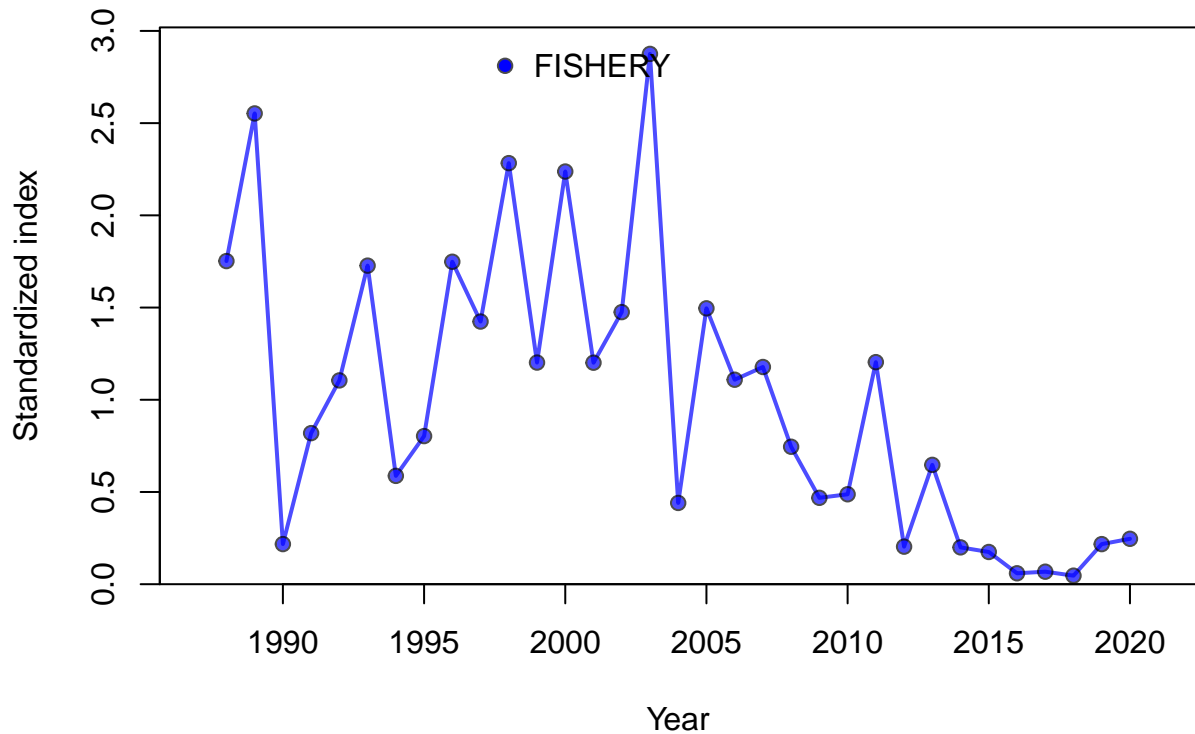
1.2

Vulnerable biomass

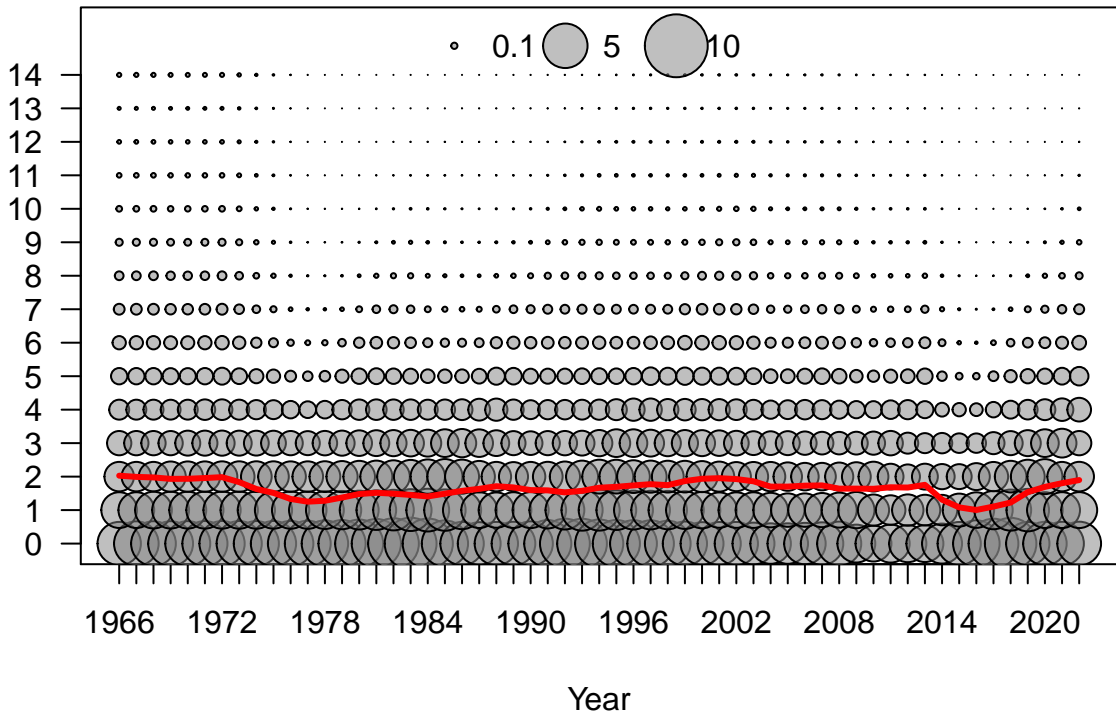


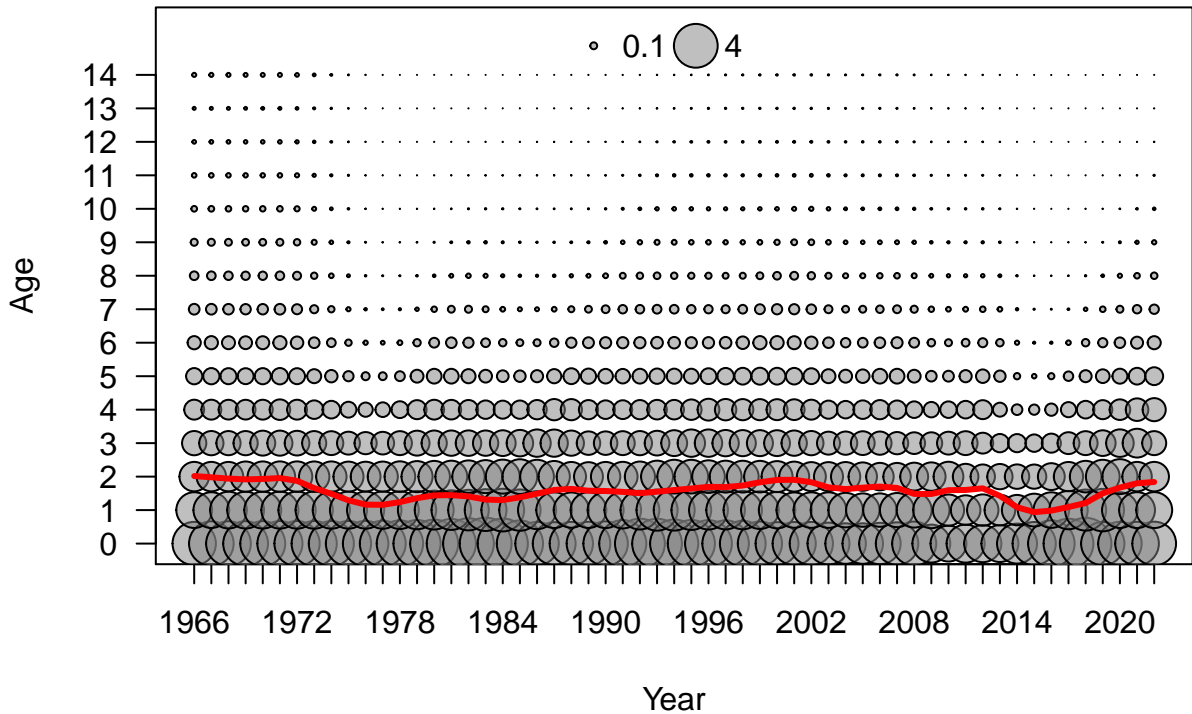


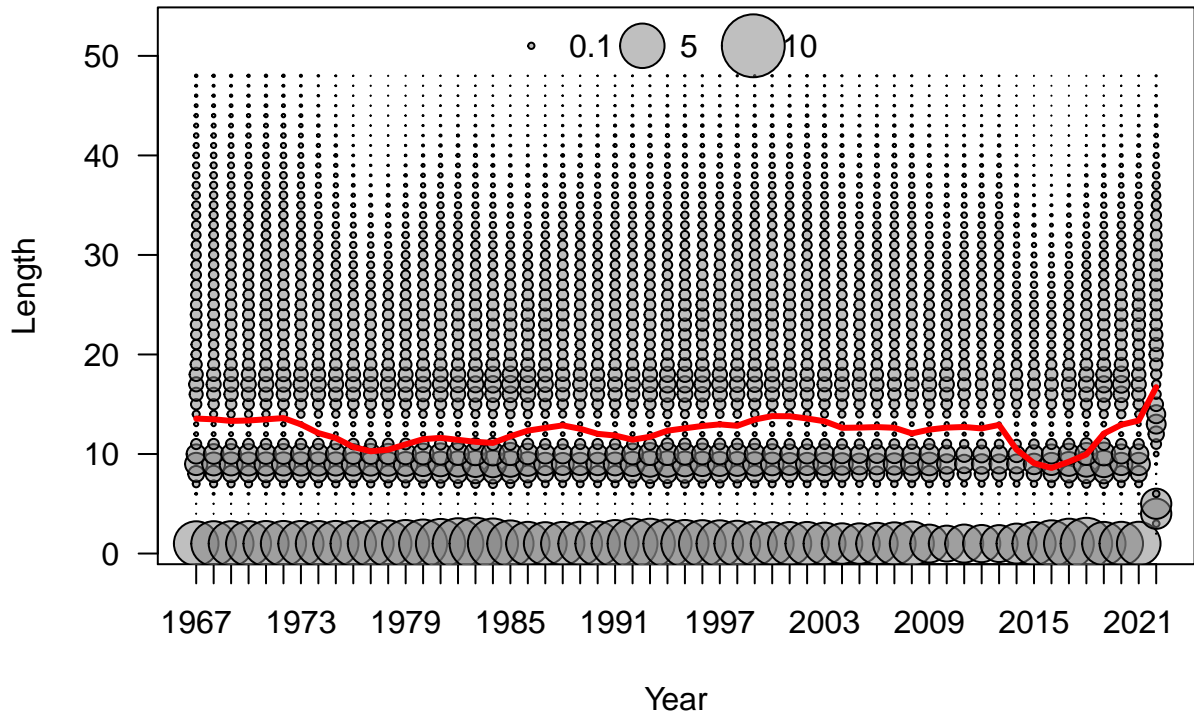


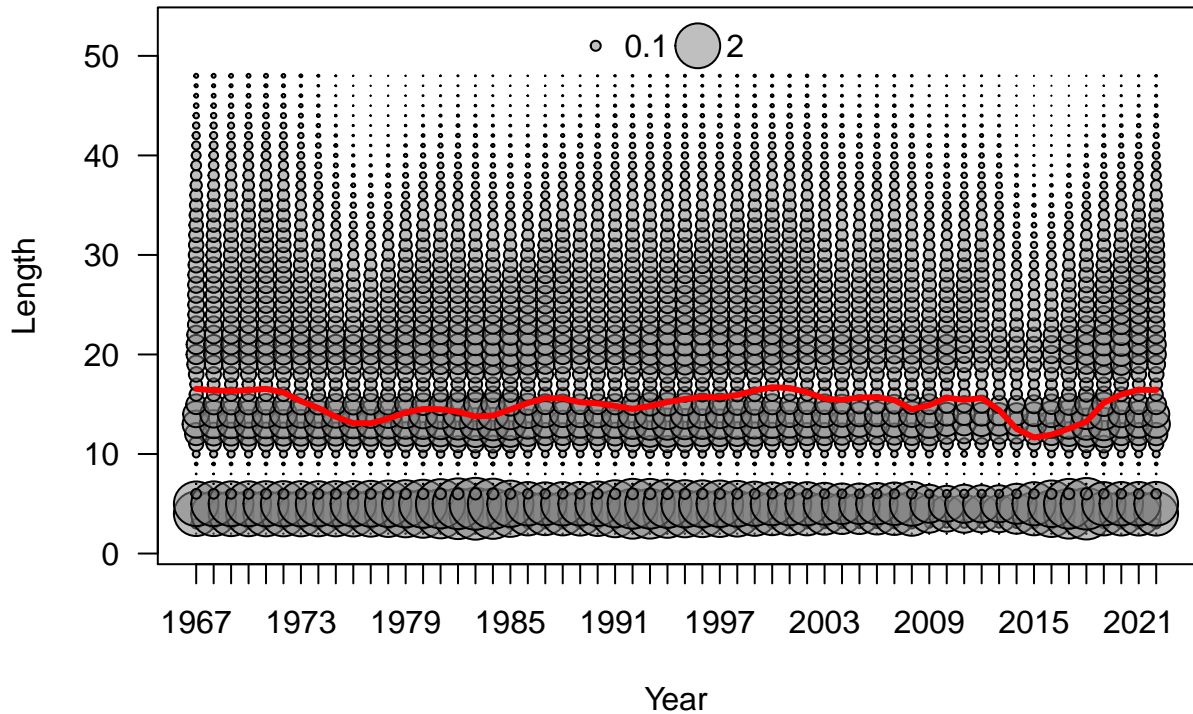


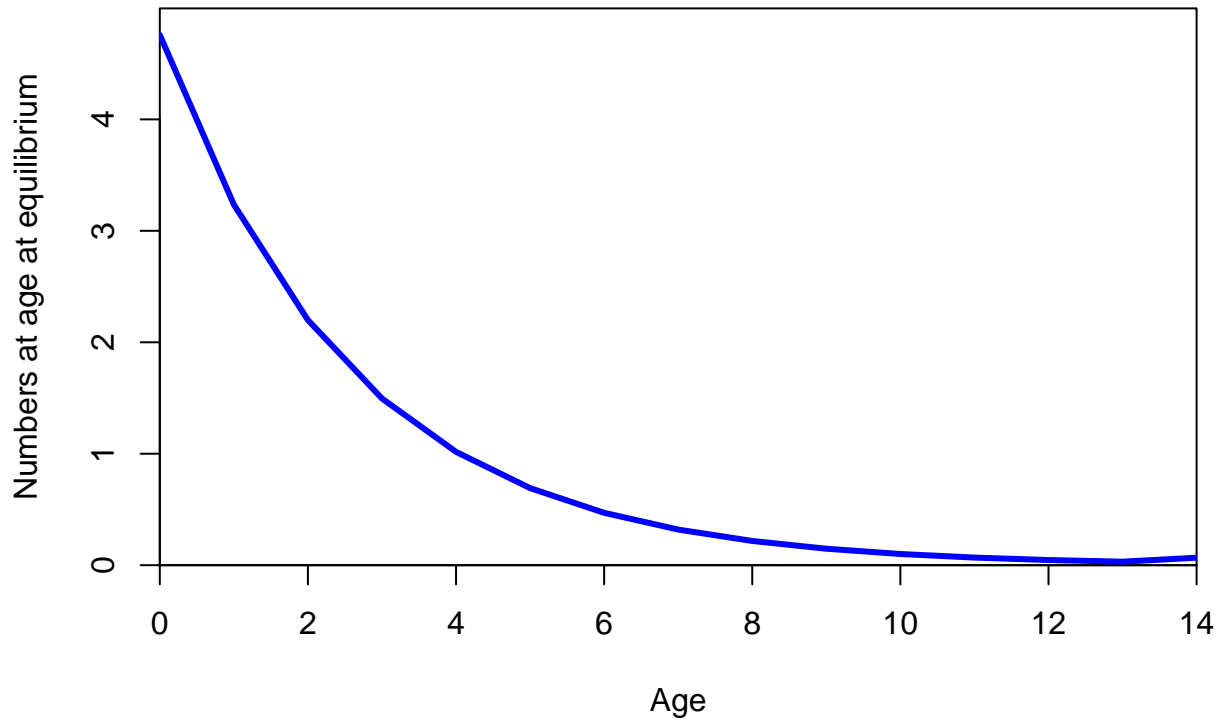
Age





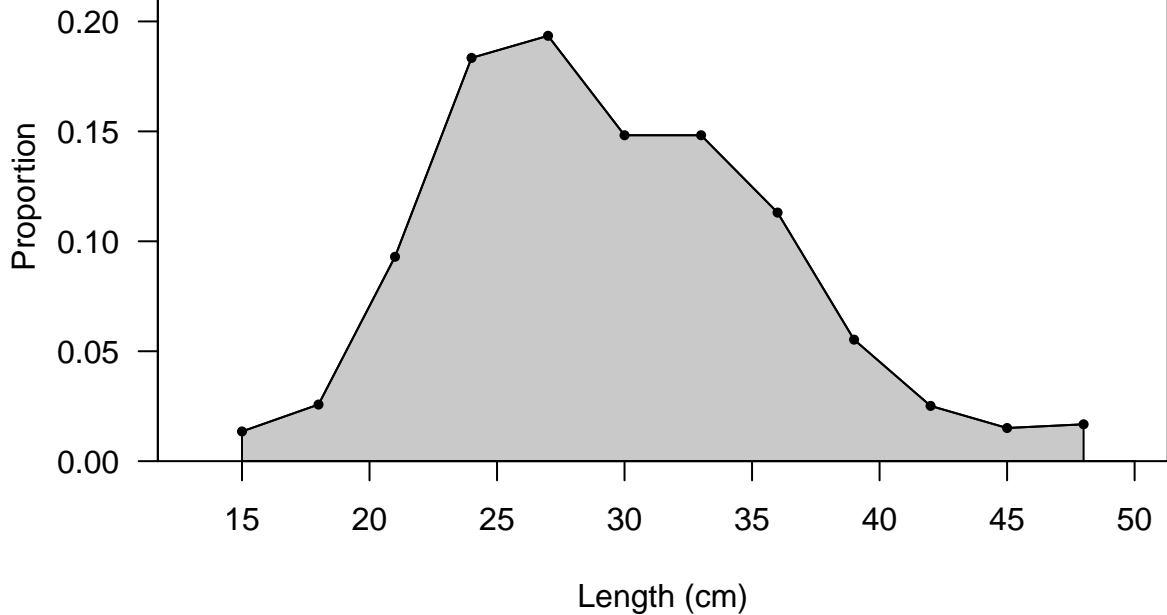


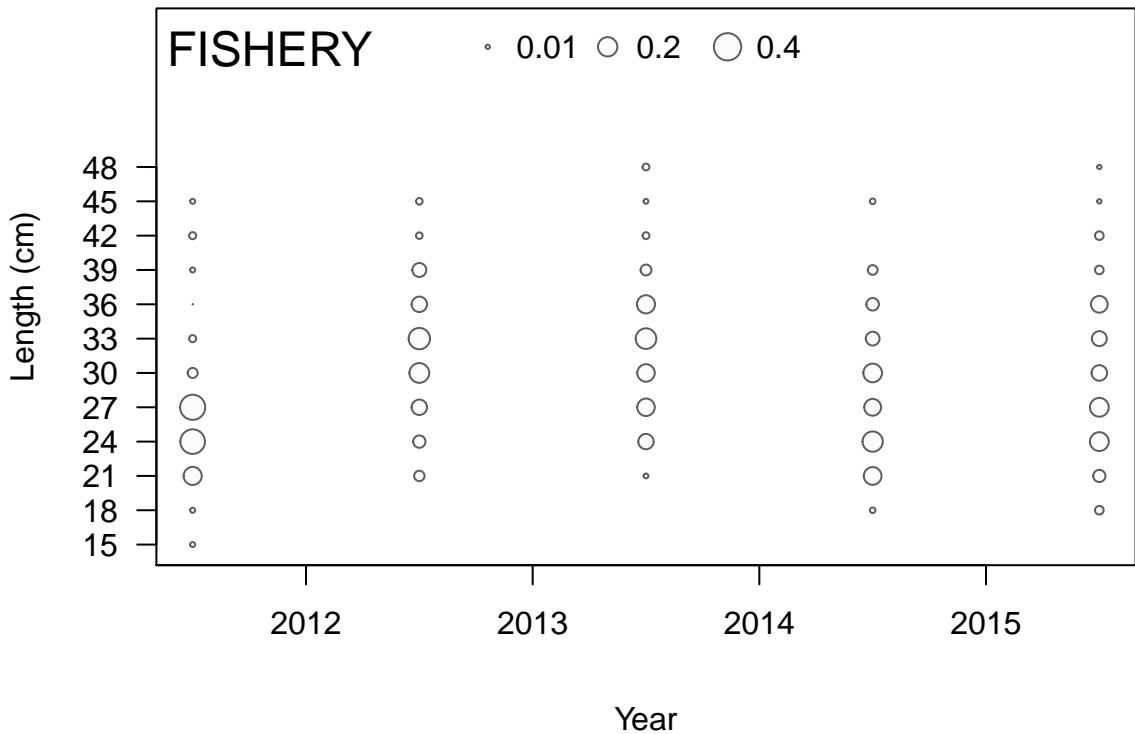




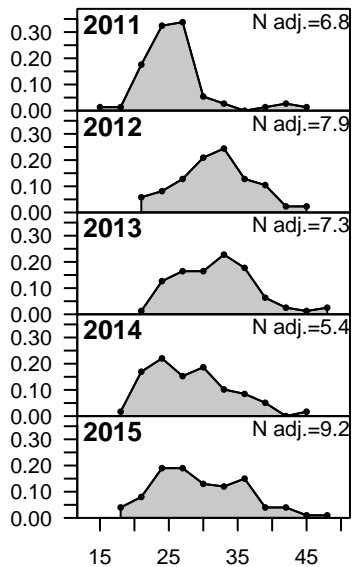
FISHERY

Sum of N adj.=36.6

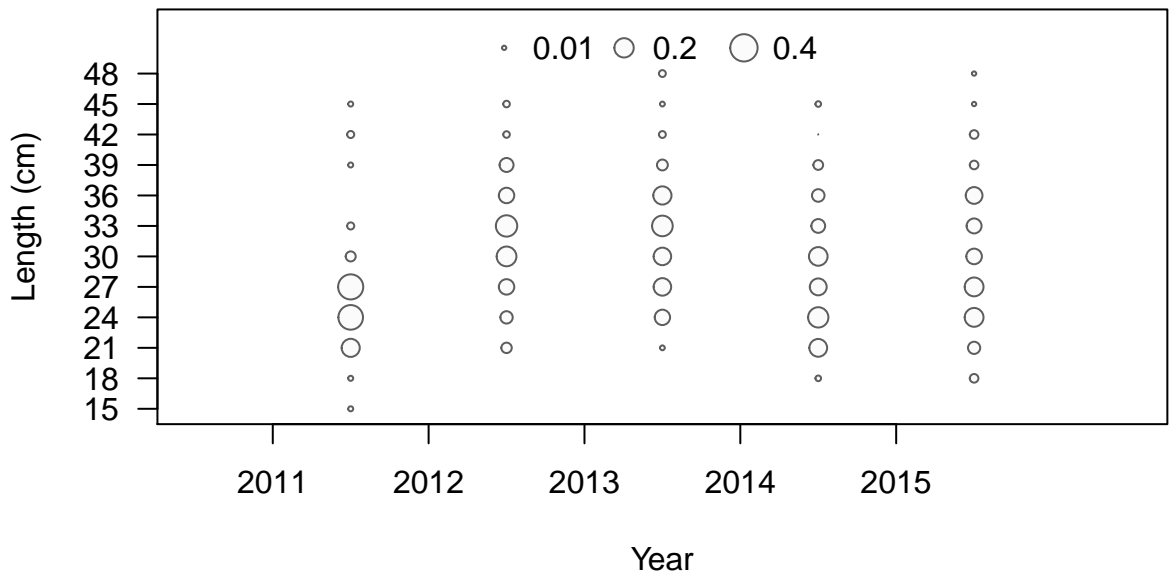




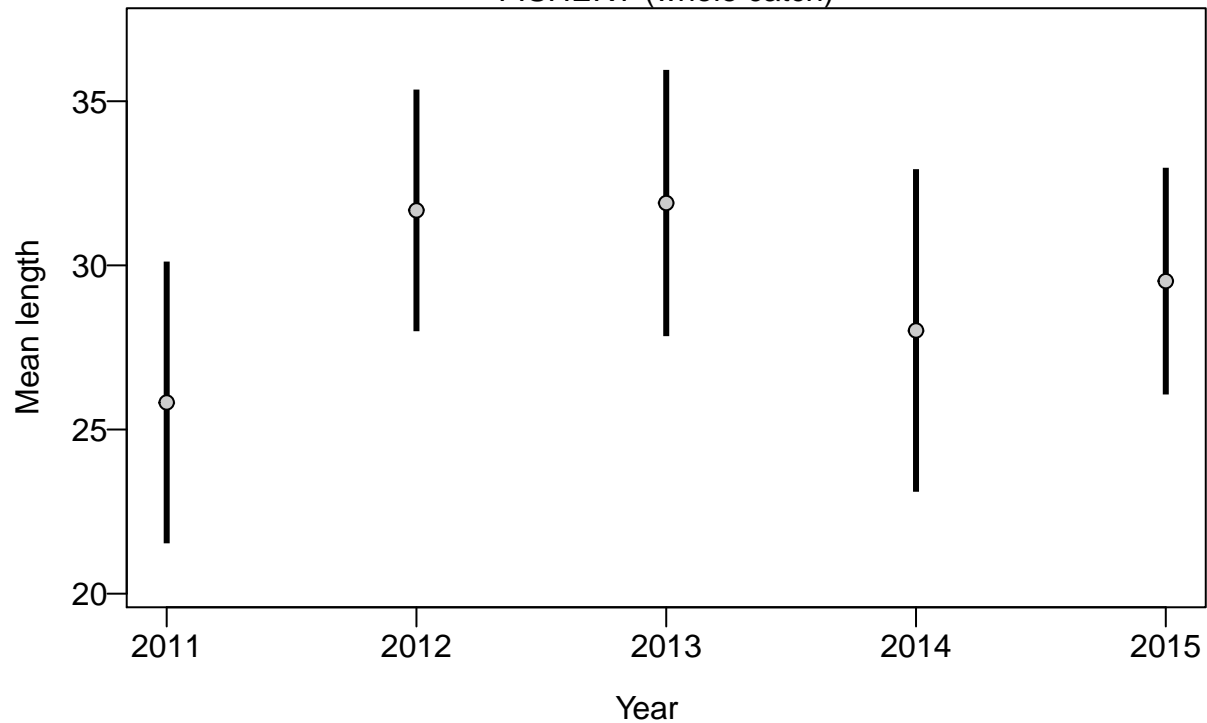
Proportion

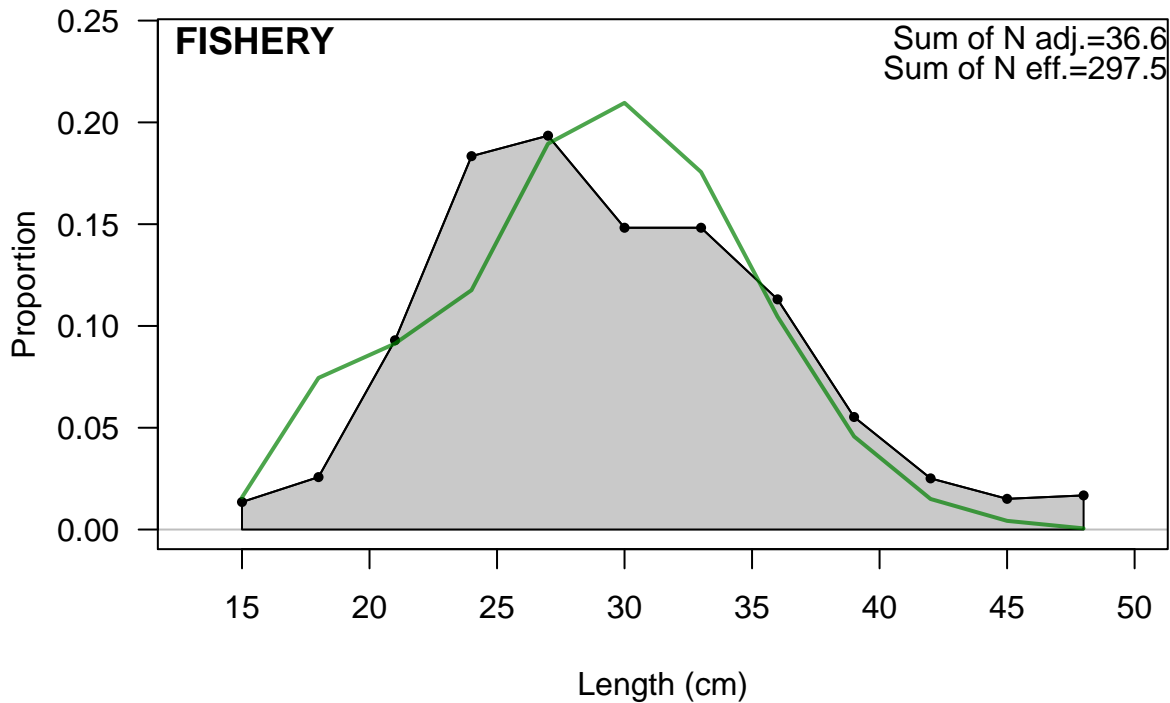


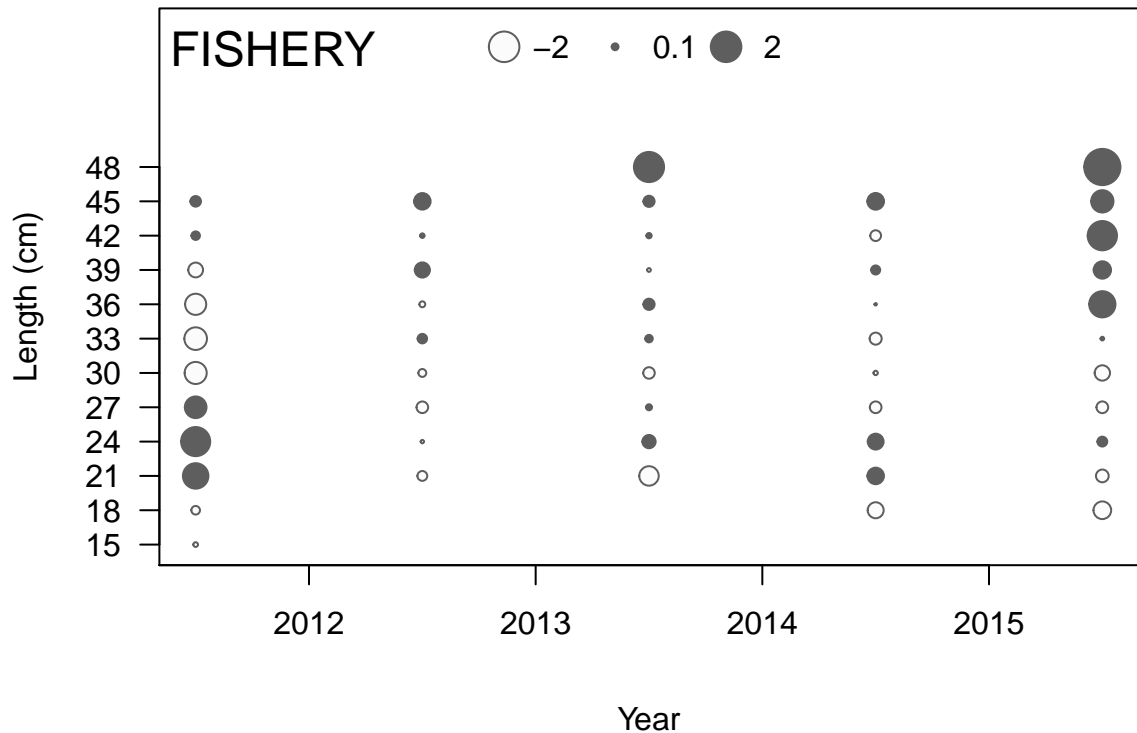
Length (cm)



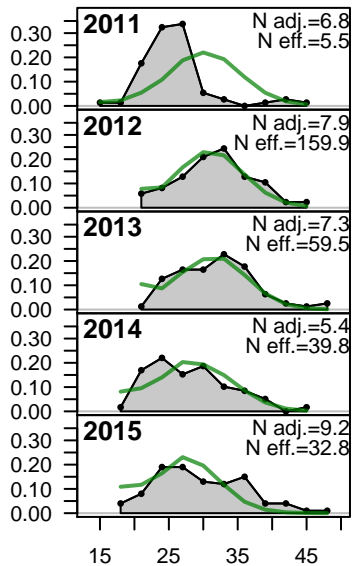
FISHERY (whole catch)



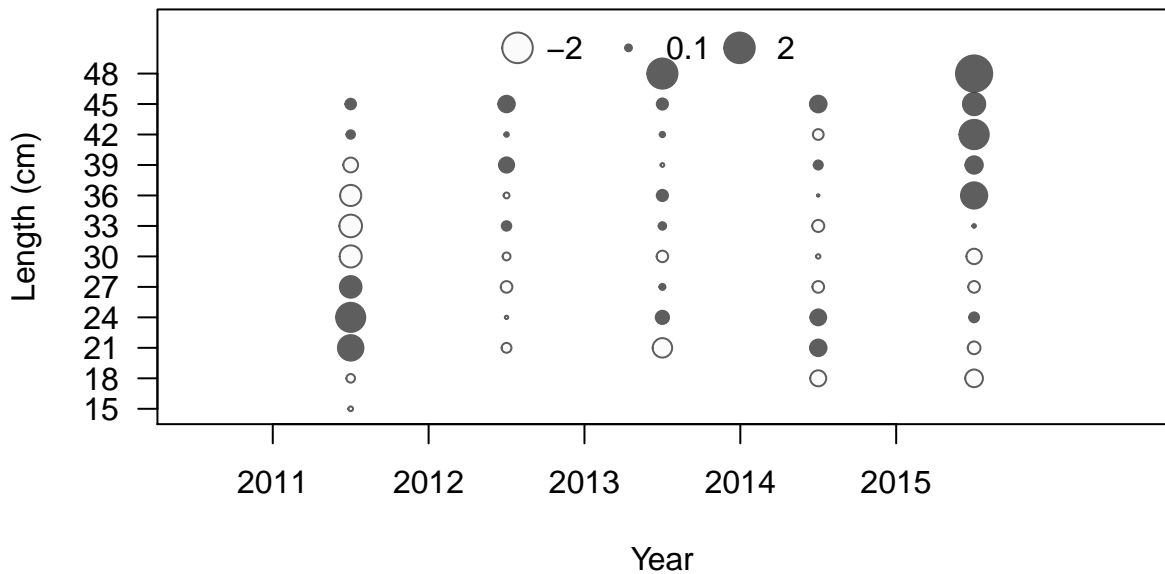


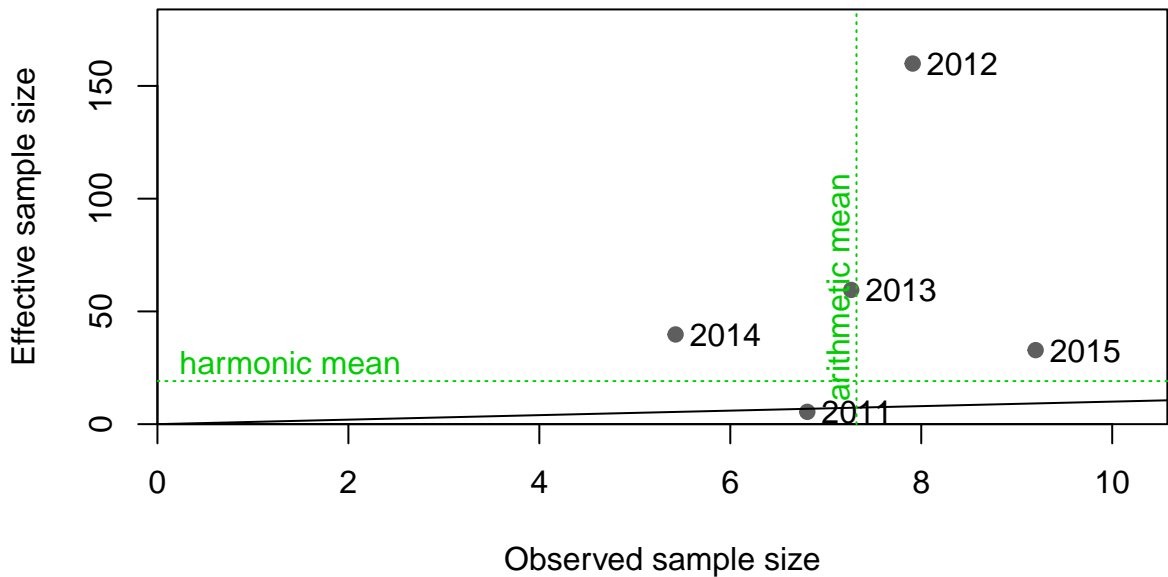


Proportion

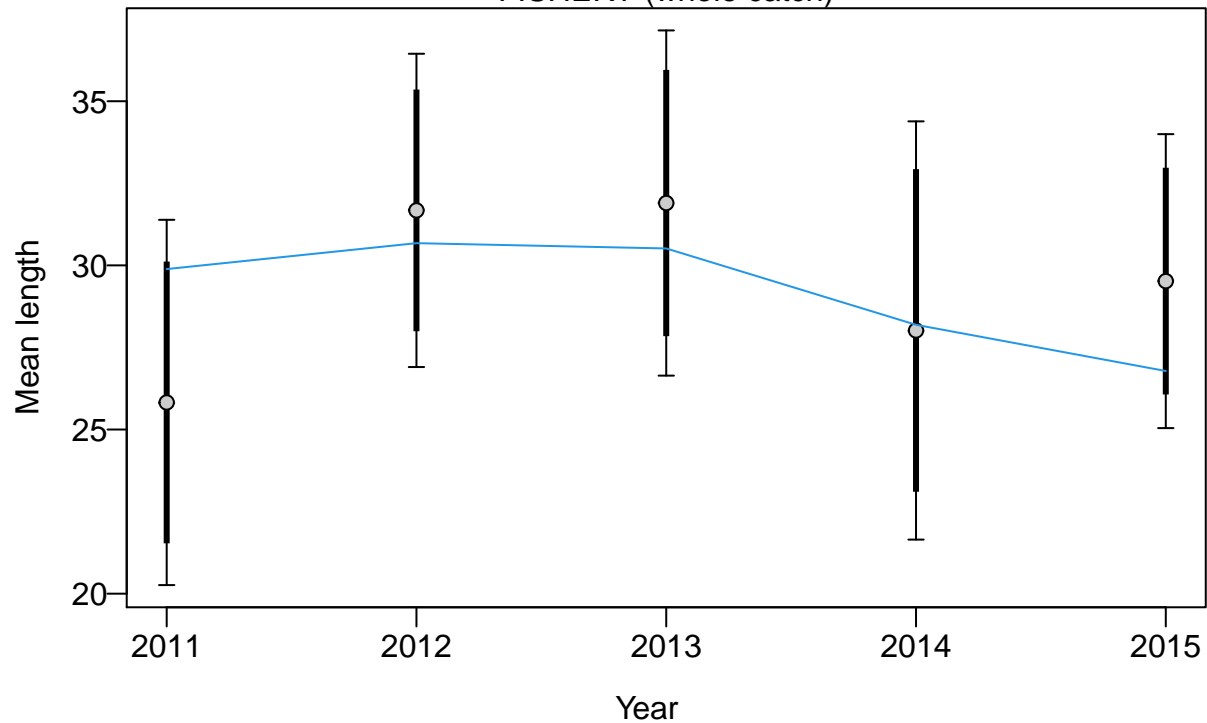


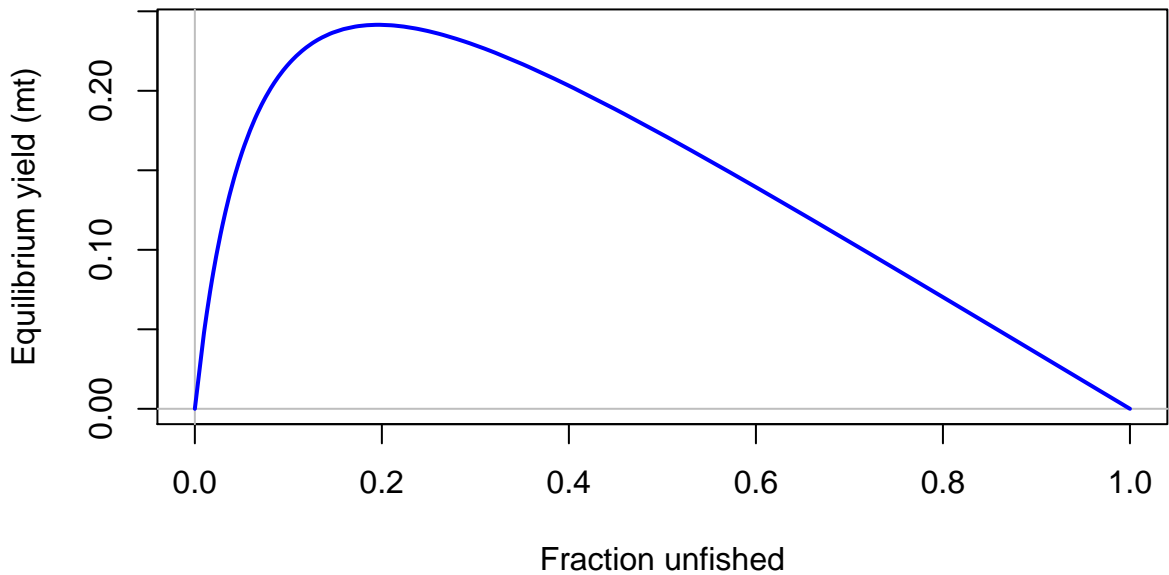
Length (cm)

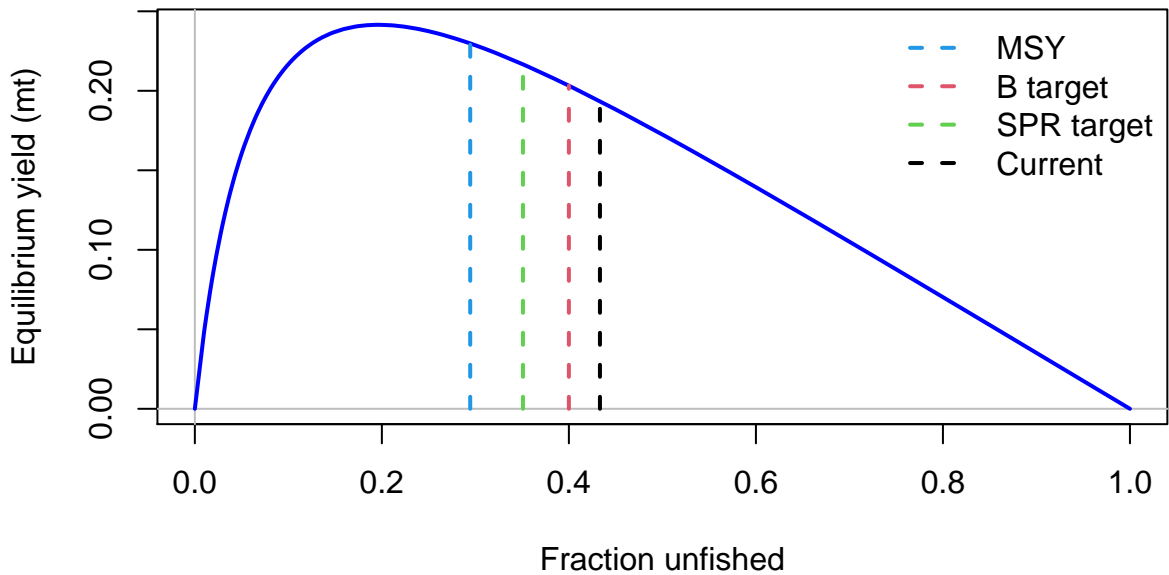




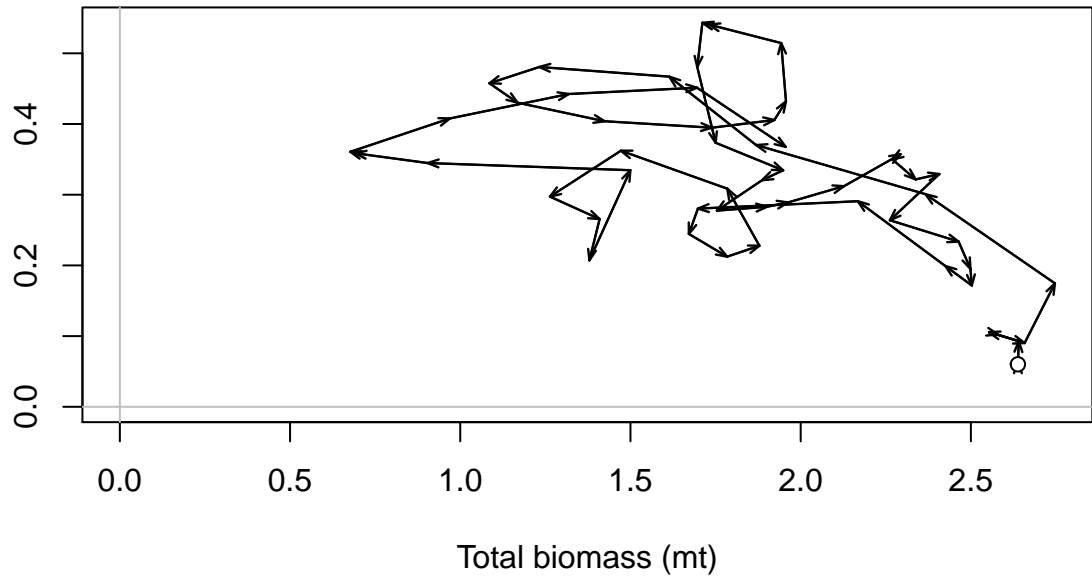
FISHERY (whole catch)

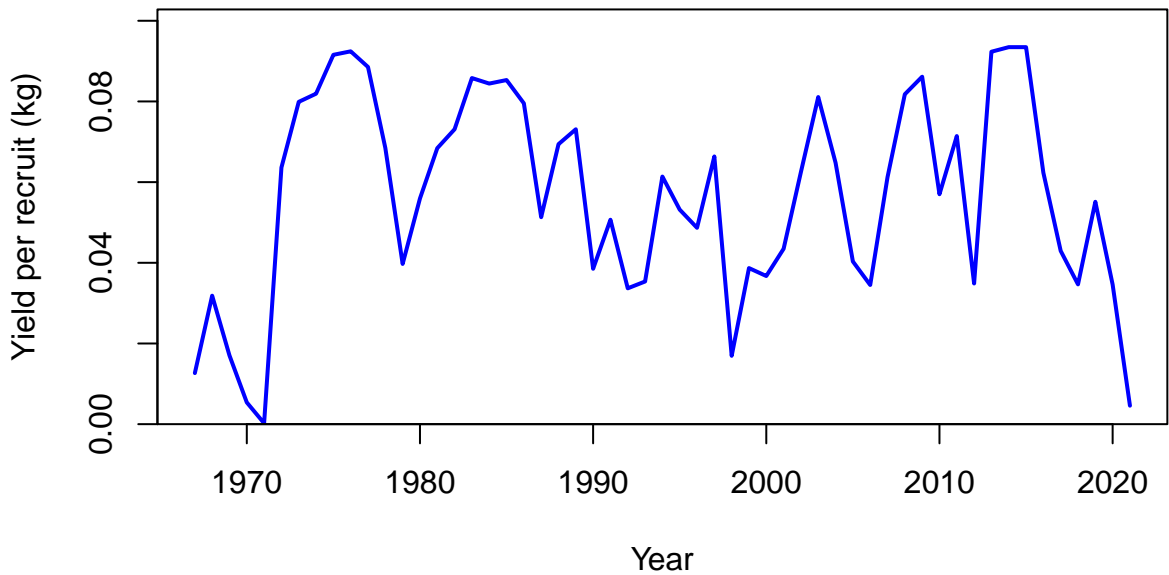


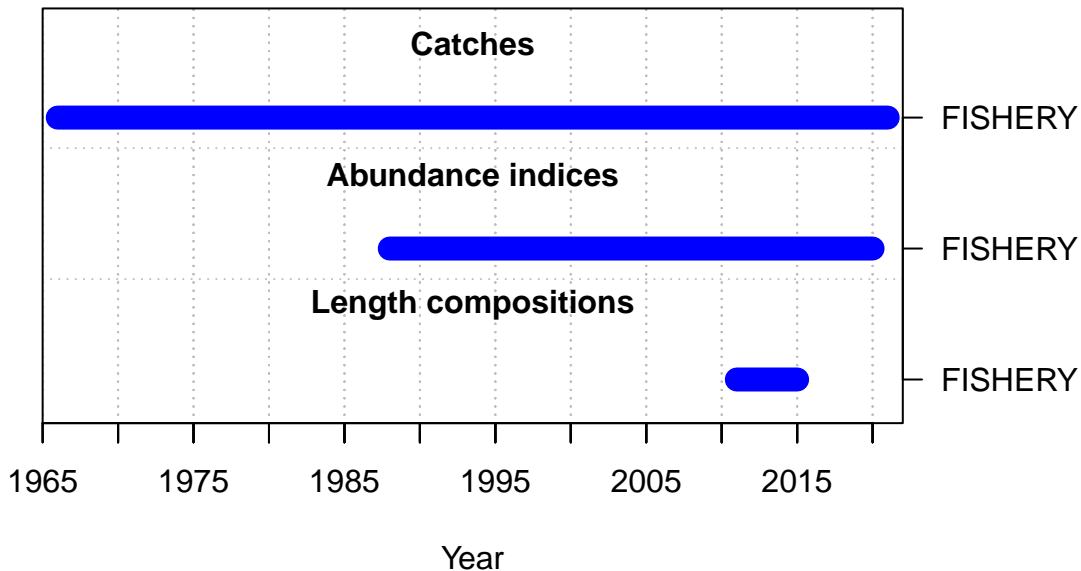


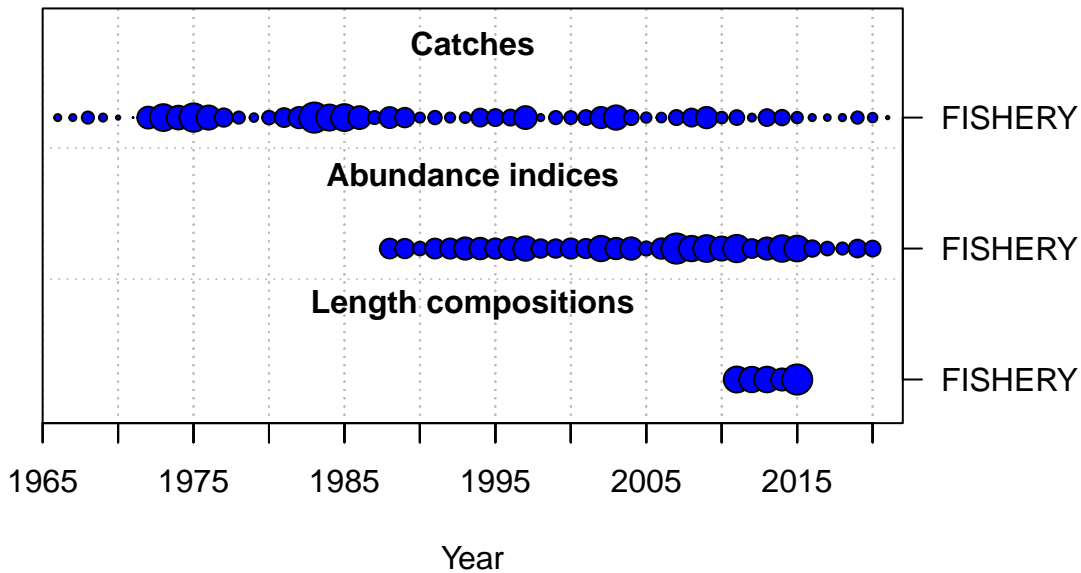


Surplus production (mt)

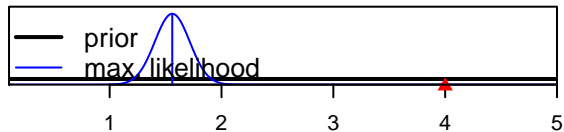




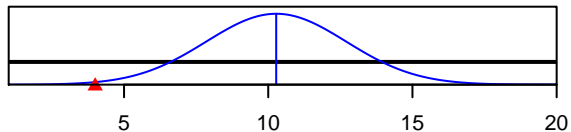




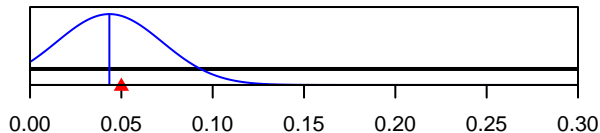
SR_LN(R0)



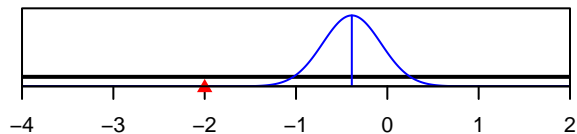
Size_95%width_FISHERY(1)



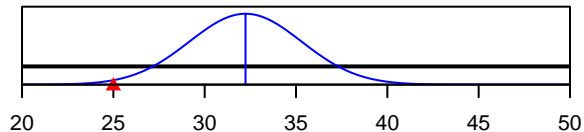
InitF_seas_1_flt_1FISHERY



LnQ_base_FISHERY(1)



Size_inflection_FISHERY(1)



Parameter value