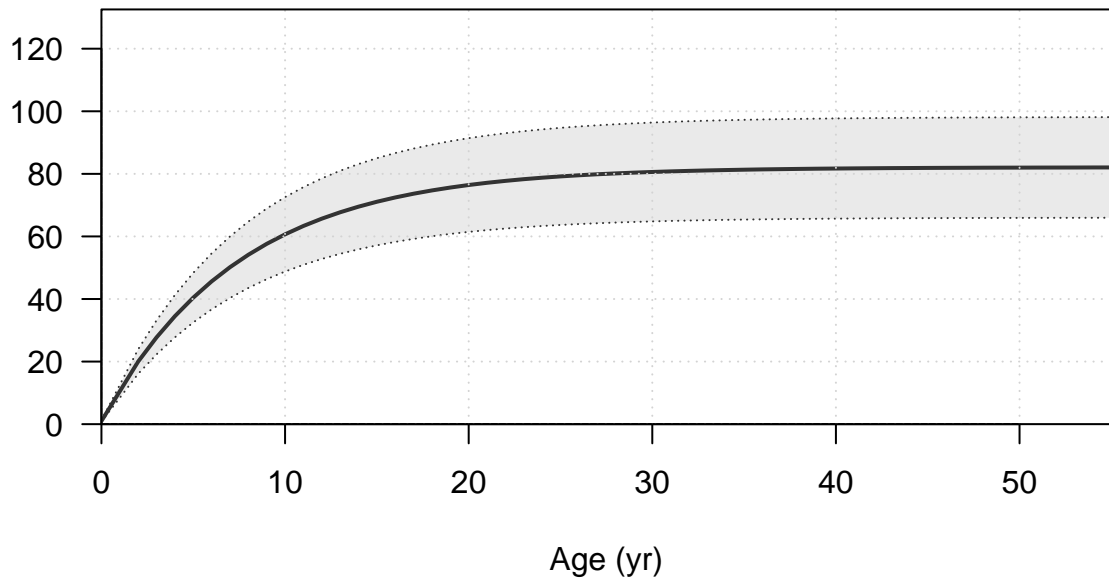
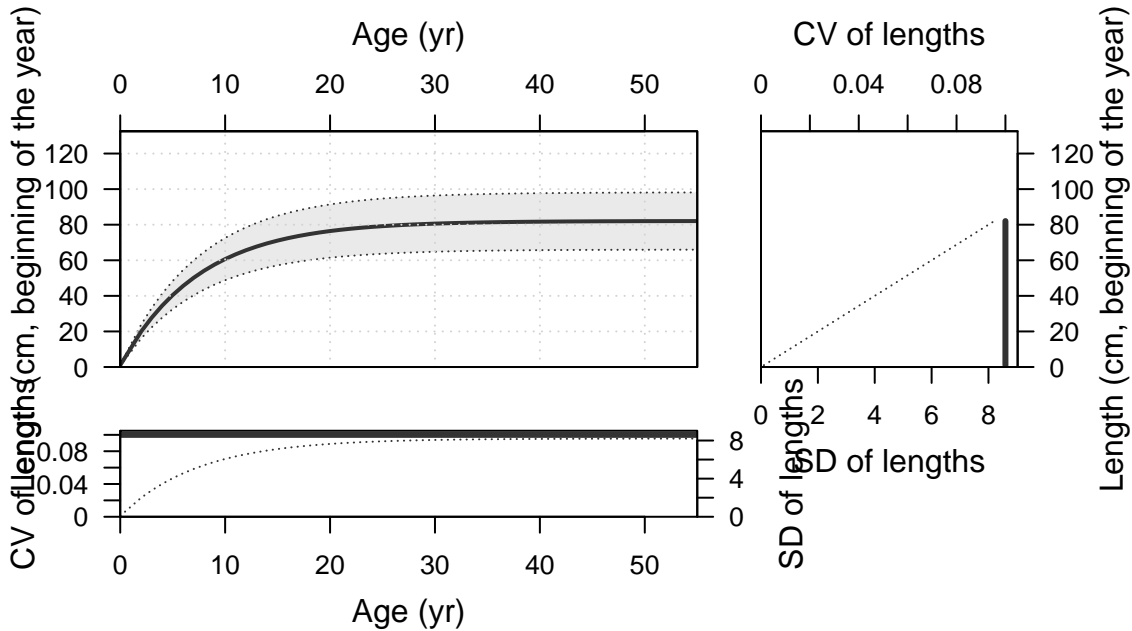
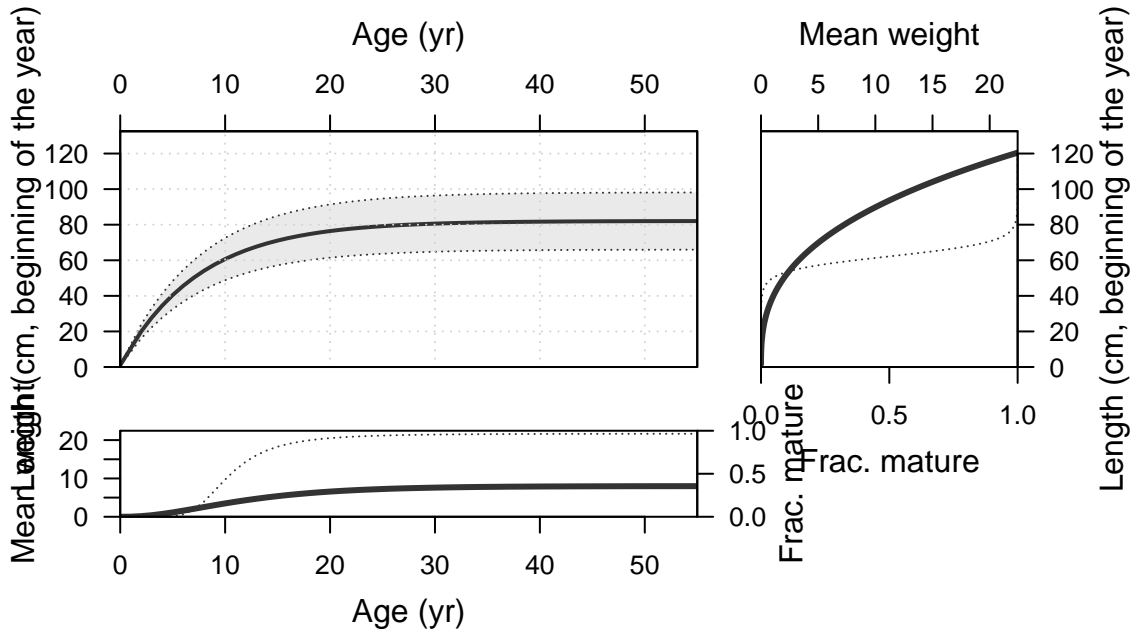


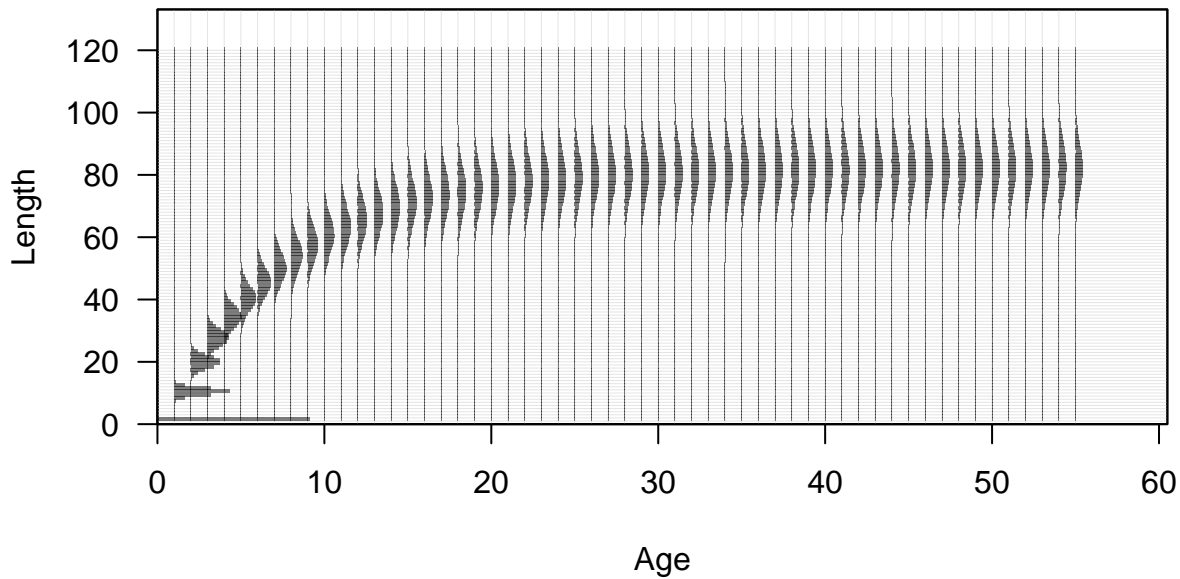
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Wed Jul 06 10:24:07 2022
Data_File: data.ss
Control_File: control.ss

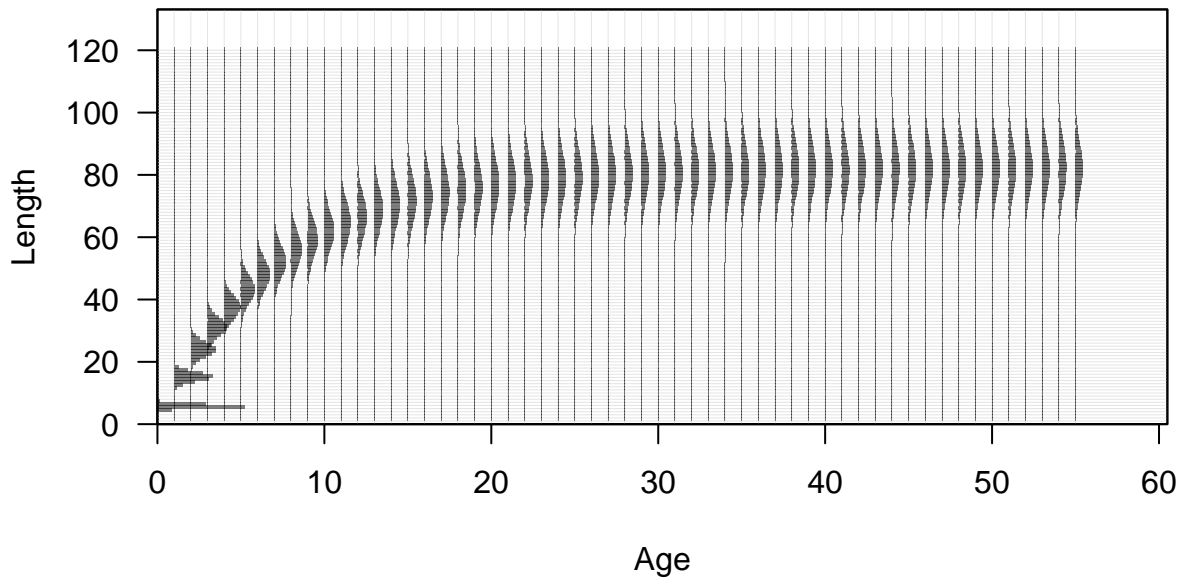
Length (cm, beginning of the year)



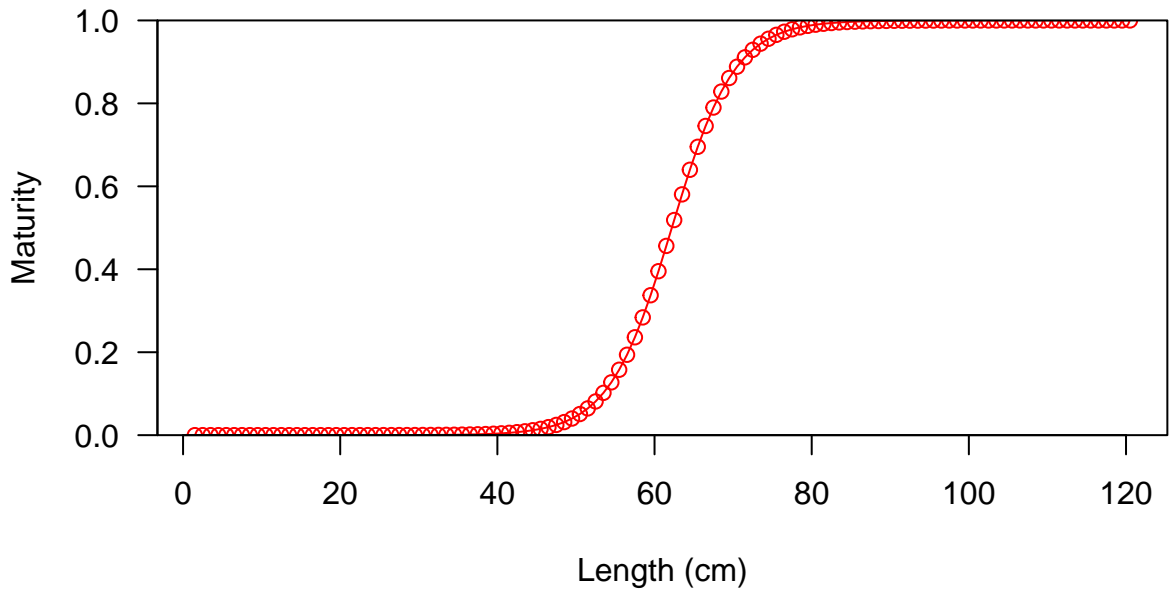






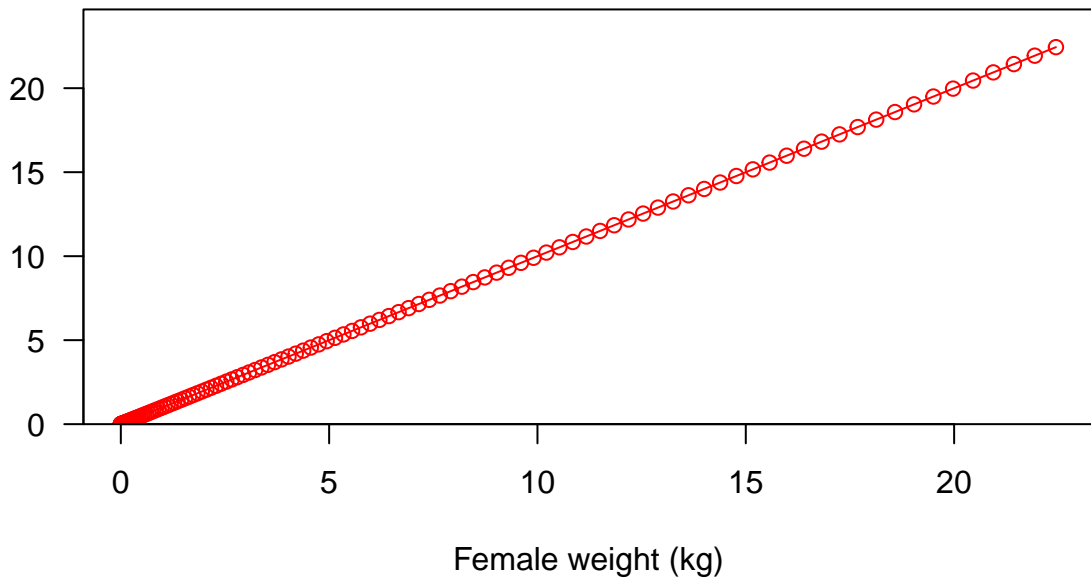








Fecundity

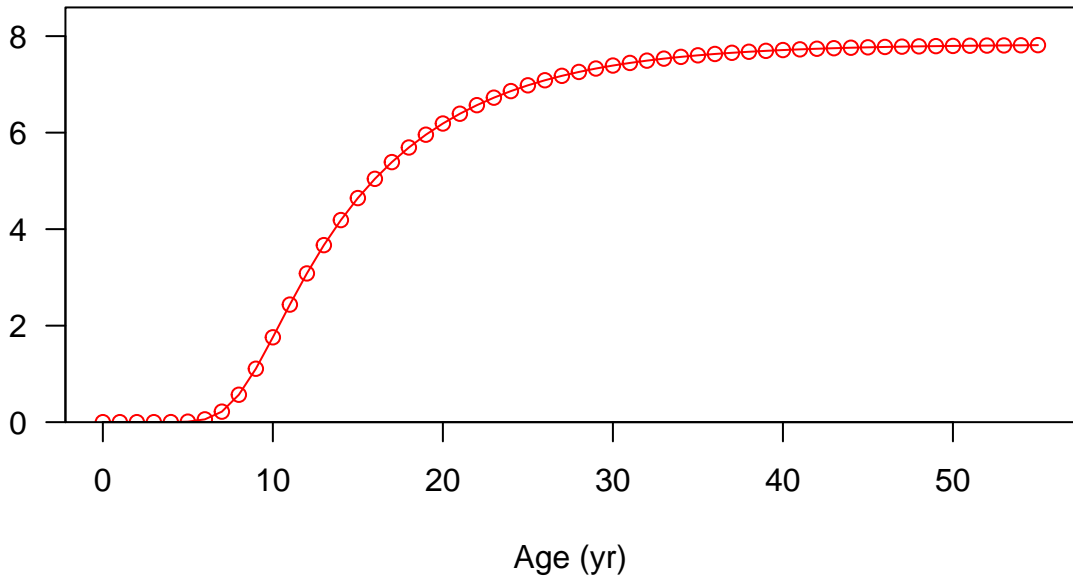


Fecundity

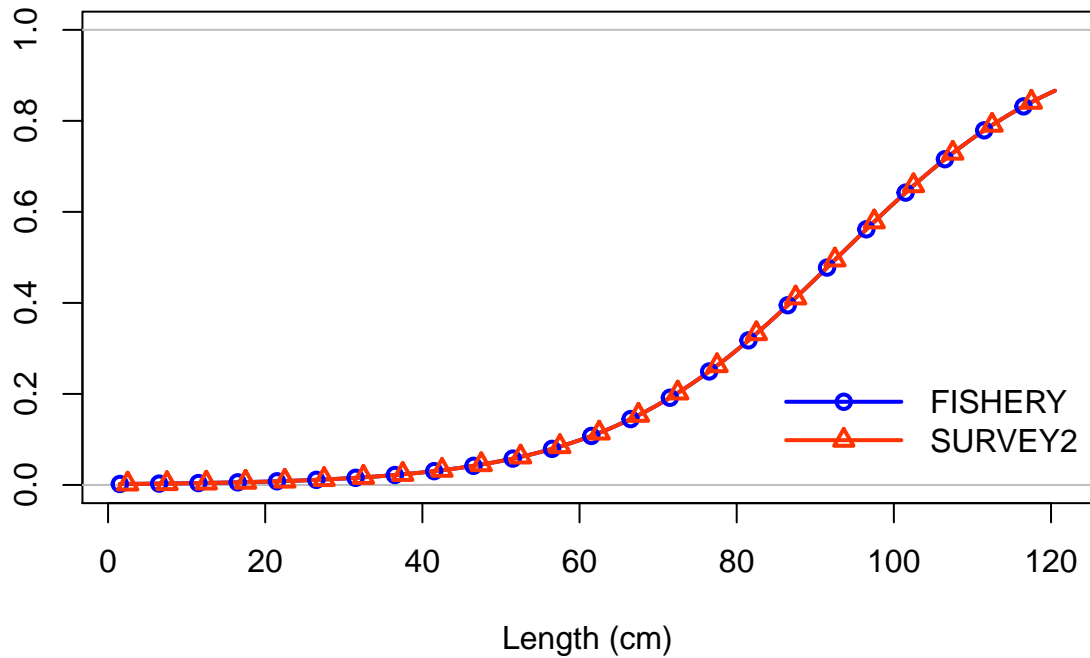




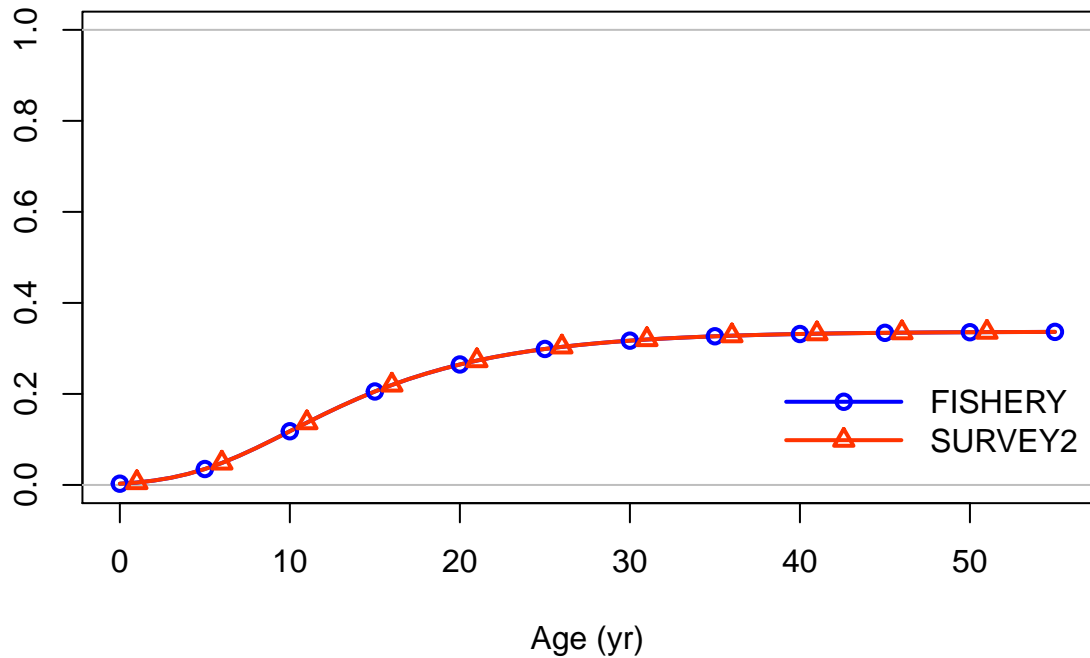
Spawning output

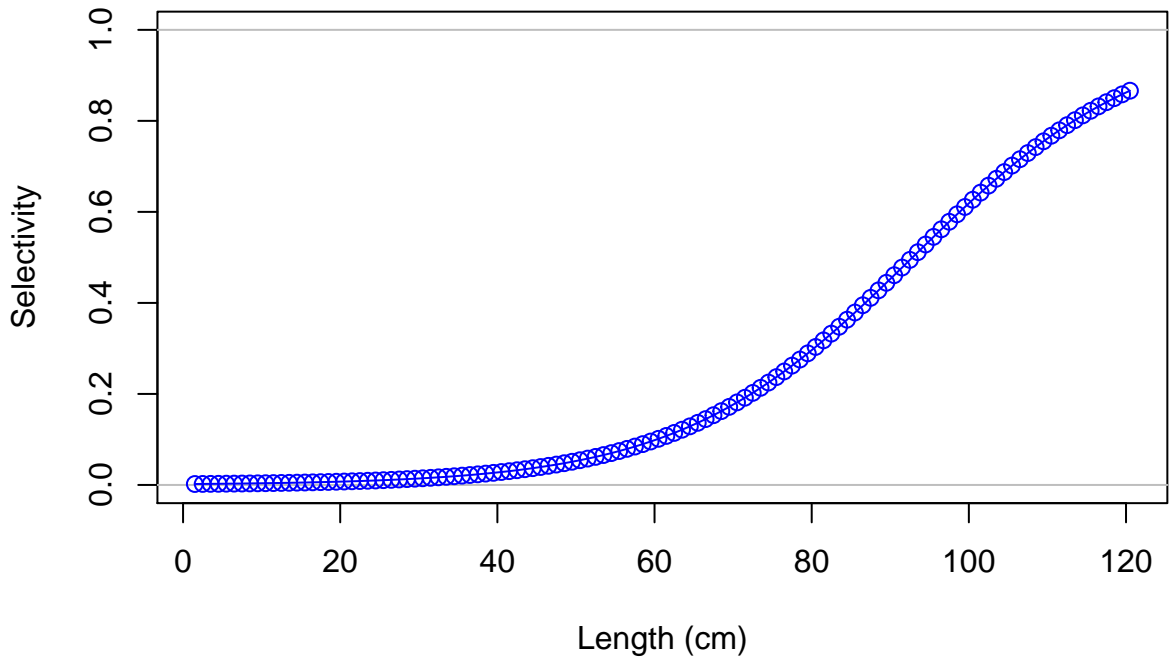


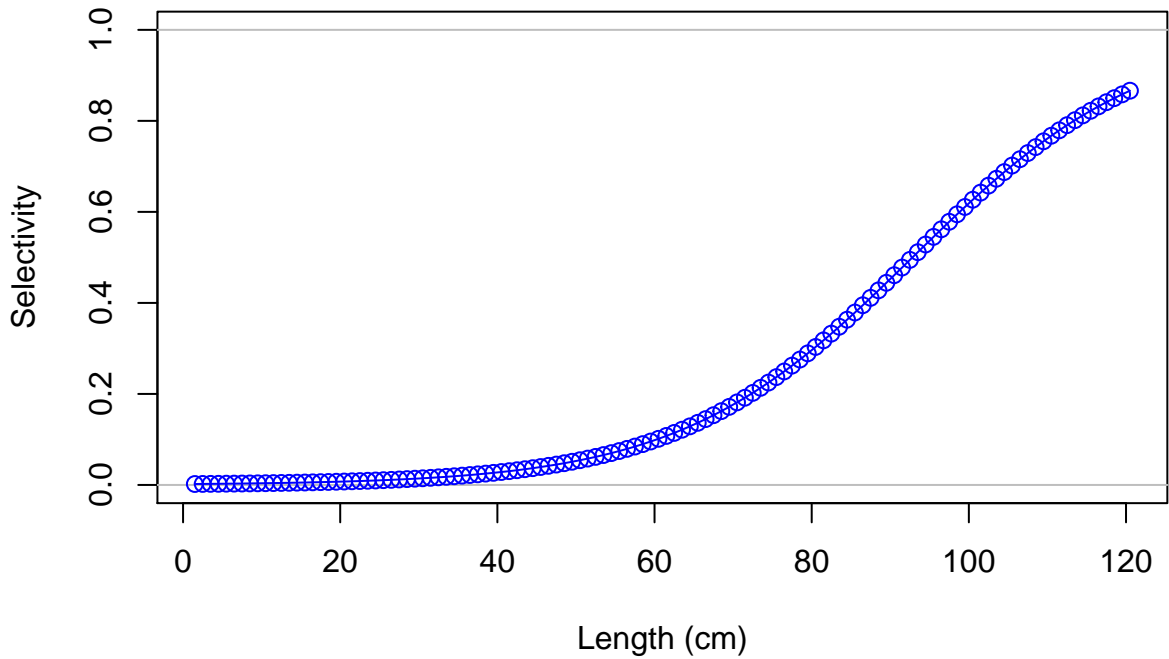
Selectivity

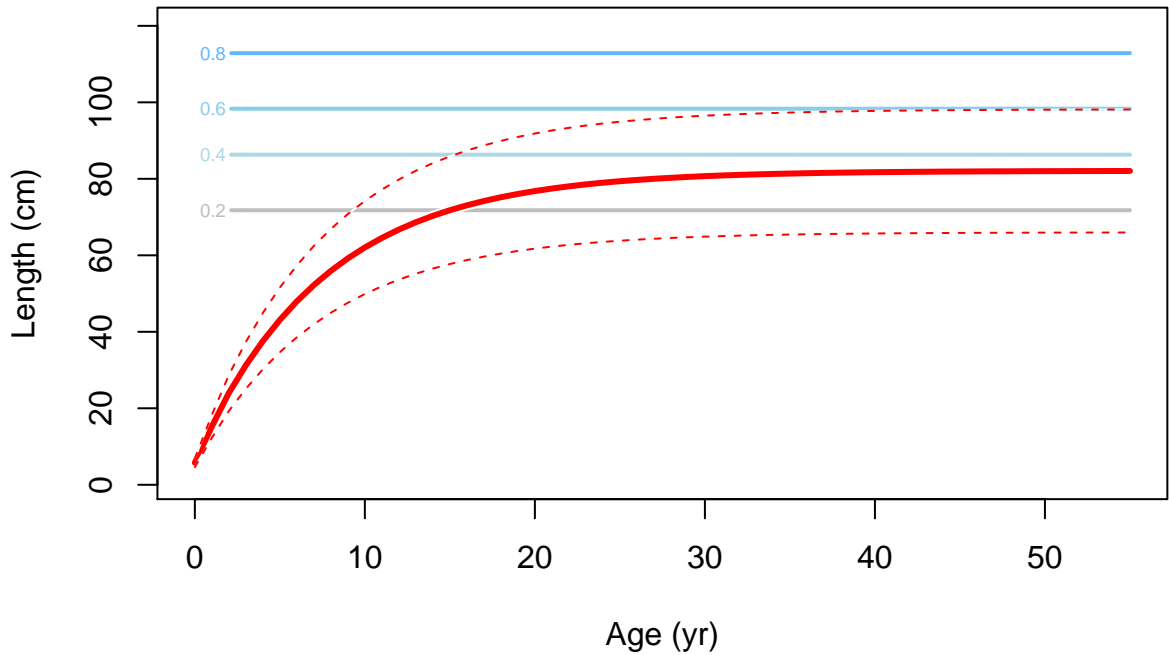


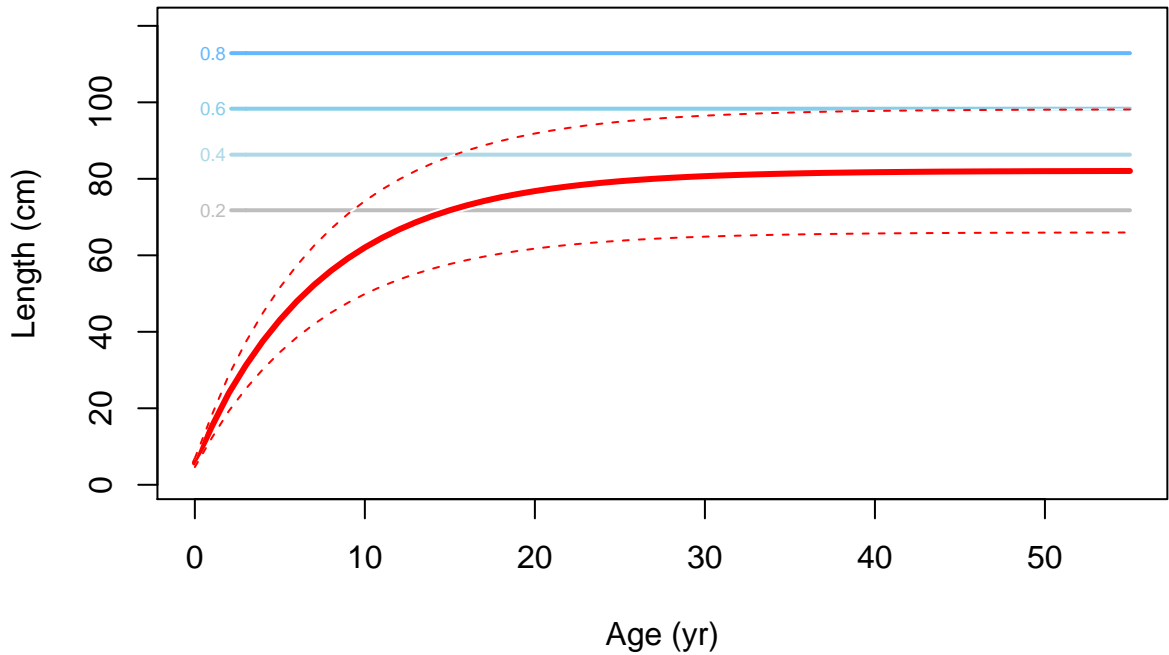
Selectivity

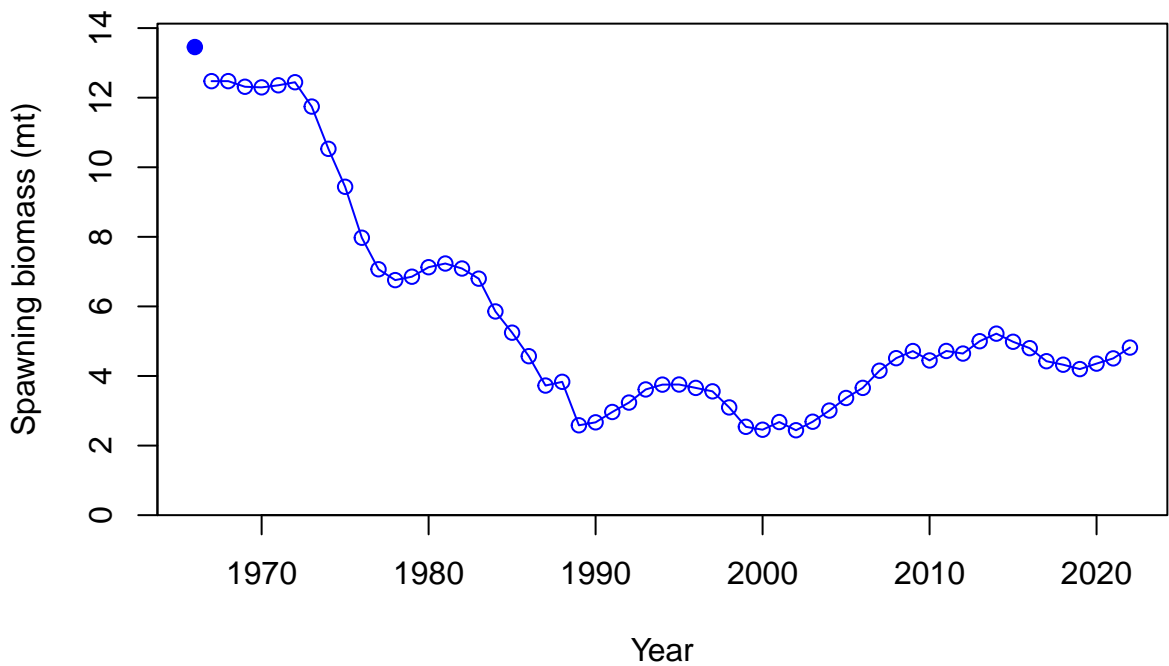




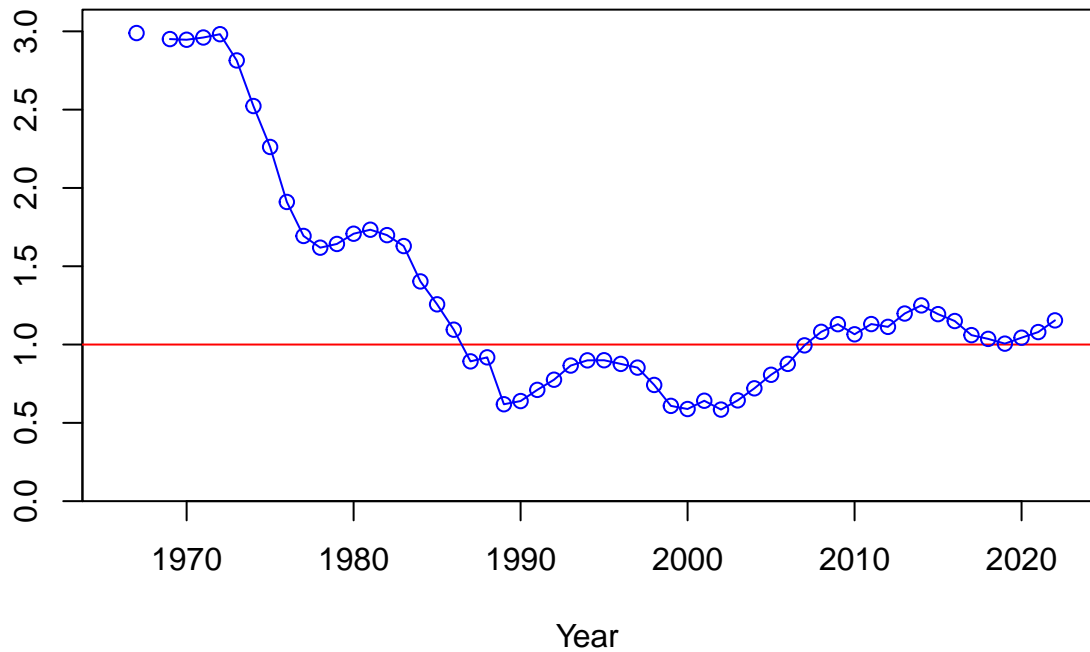


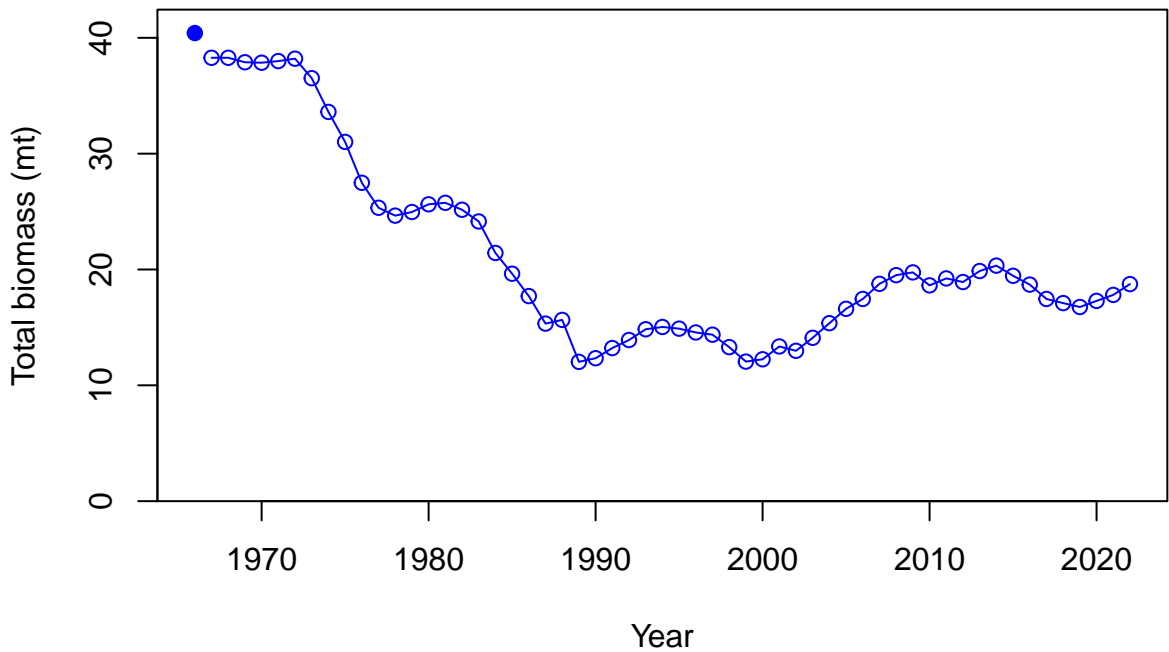


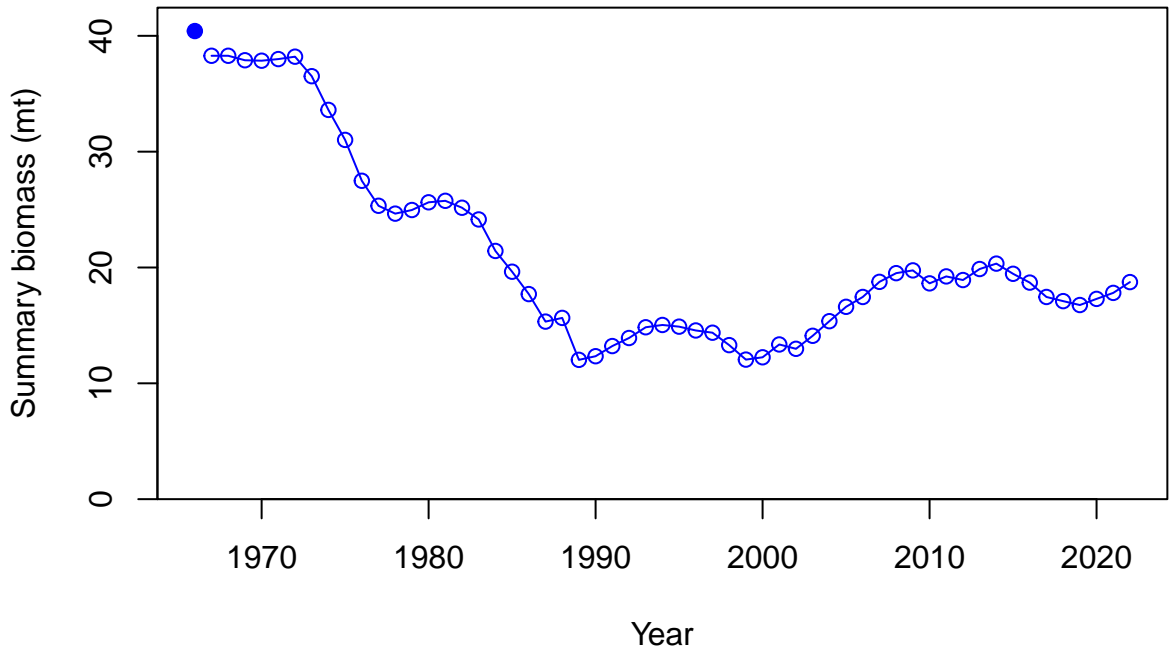




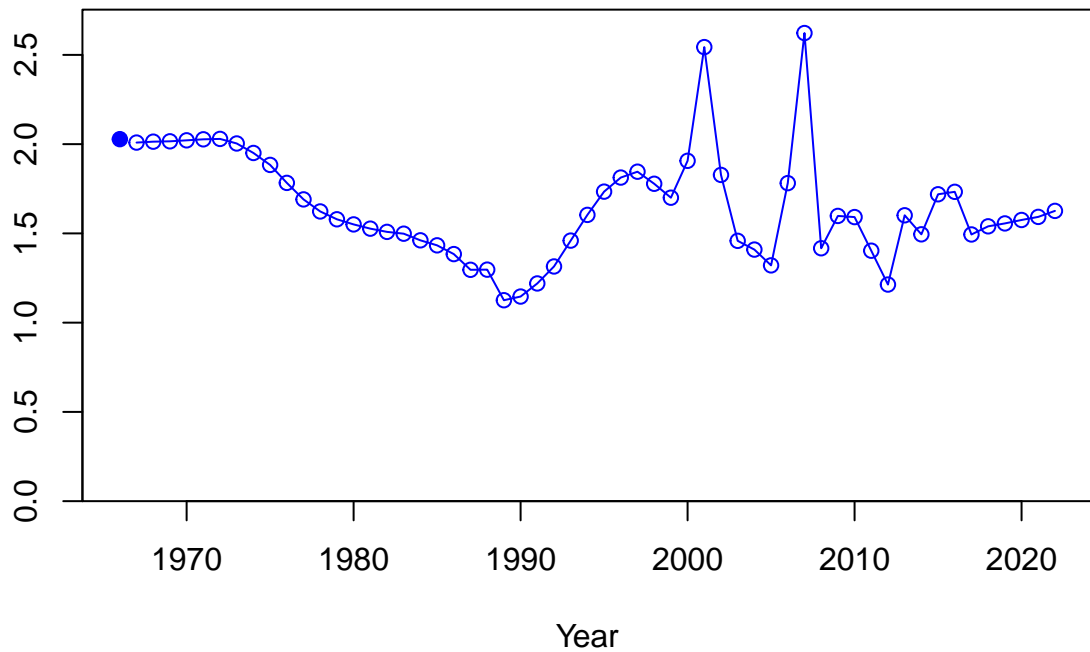
Relative spawning biomass: B/B_{MSY}



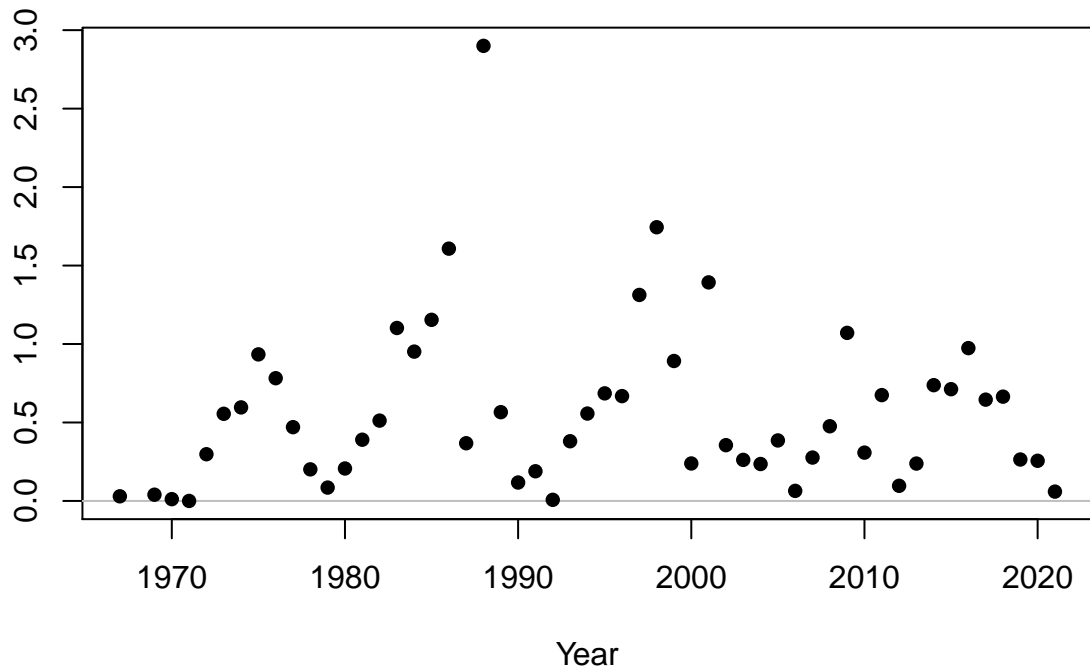


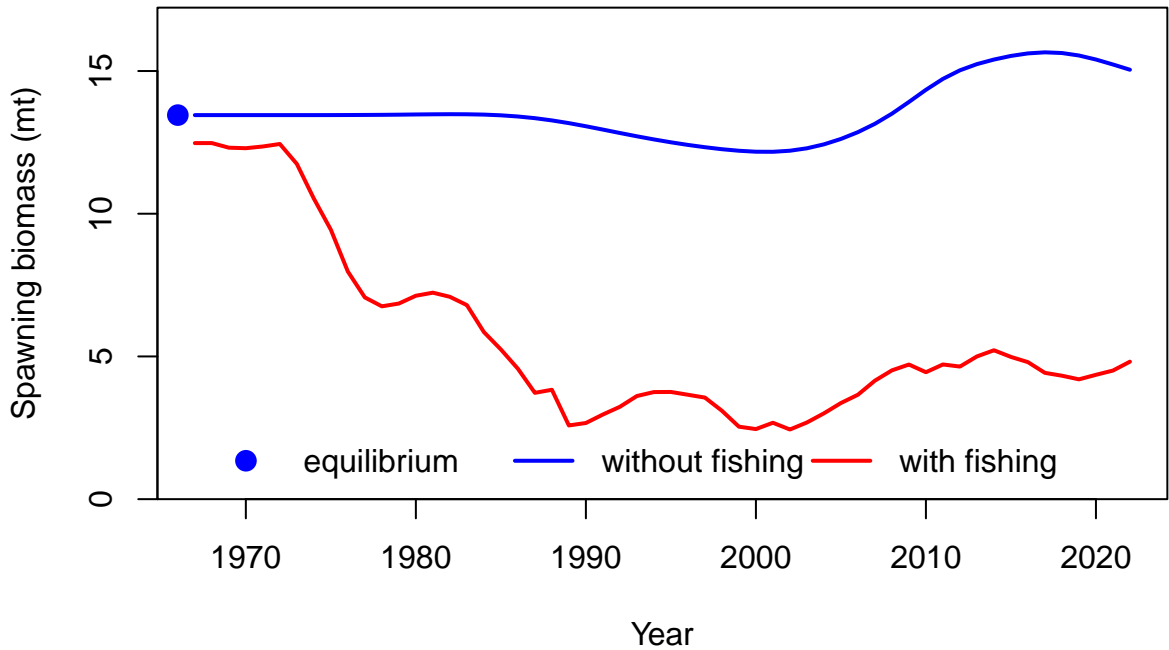


Age-0 recruits (1,000s)

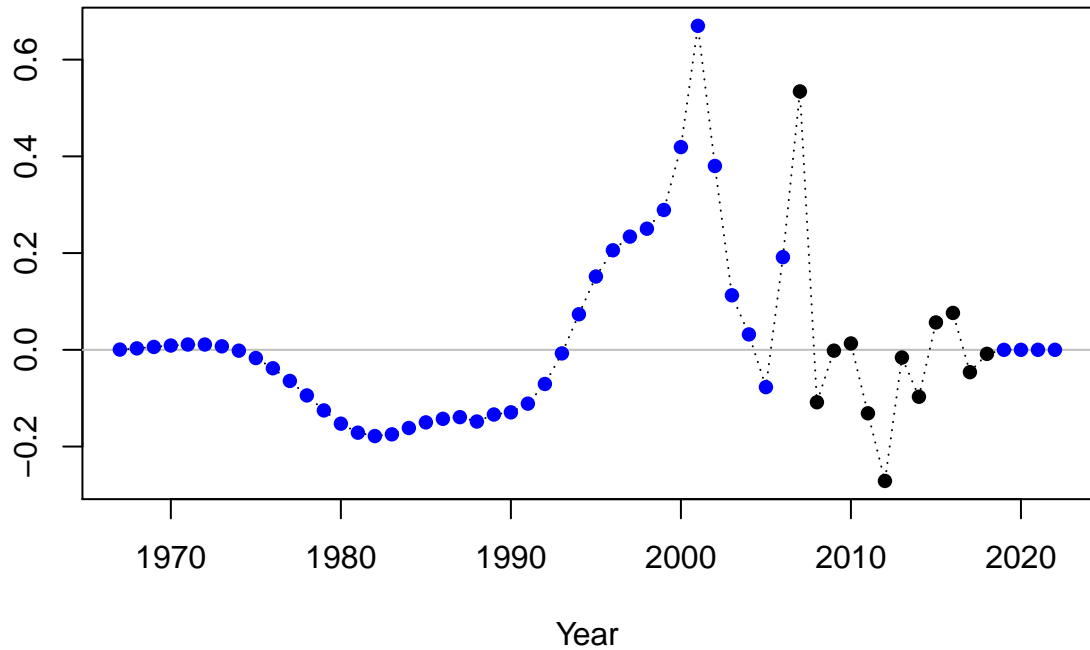


Summary Fishing Mortality

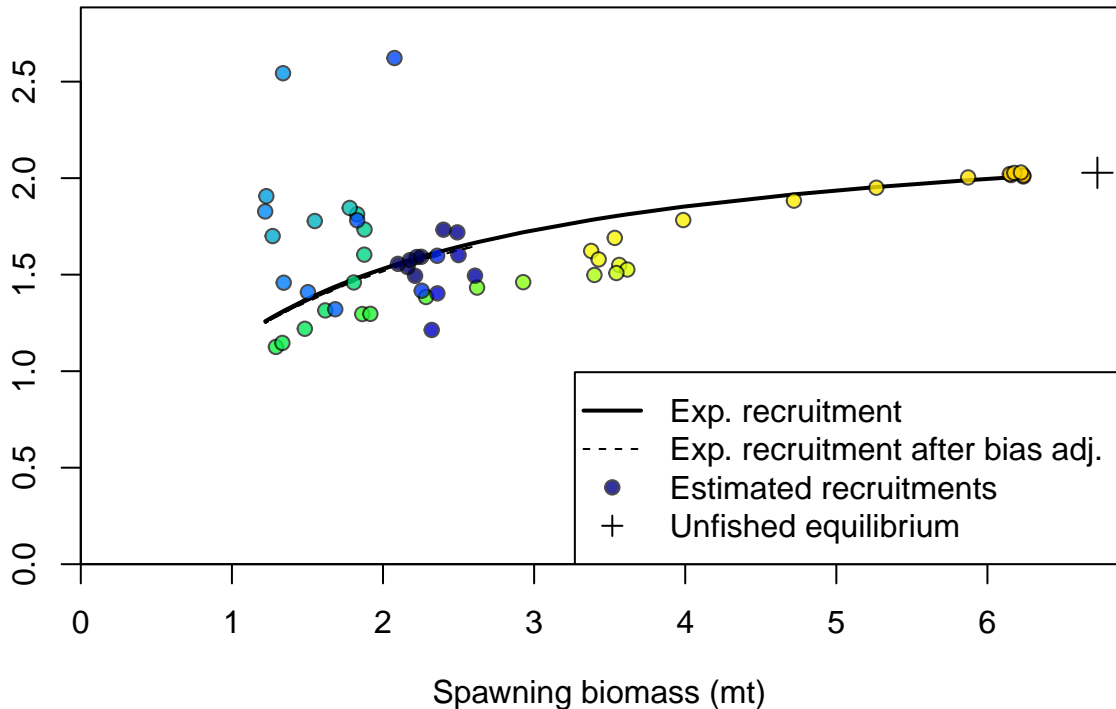


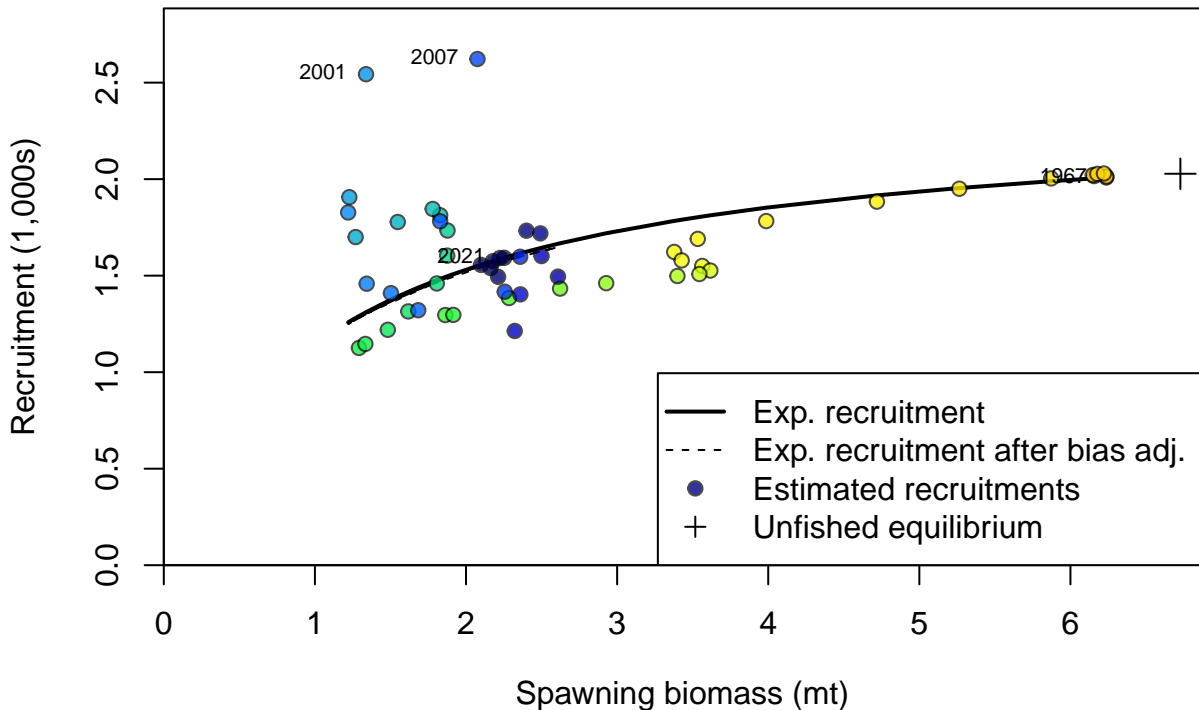


Log recruitment deviation

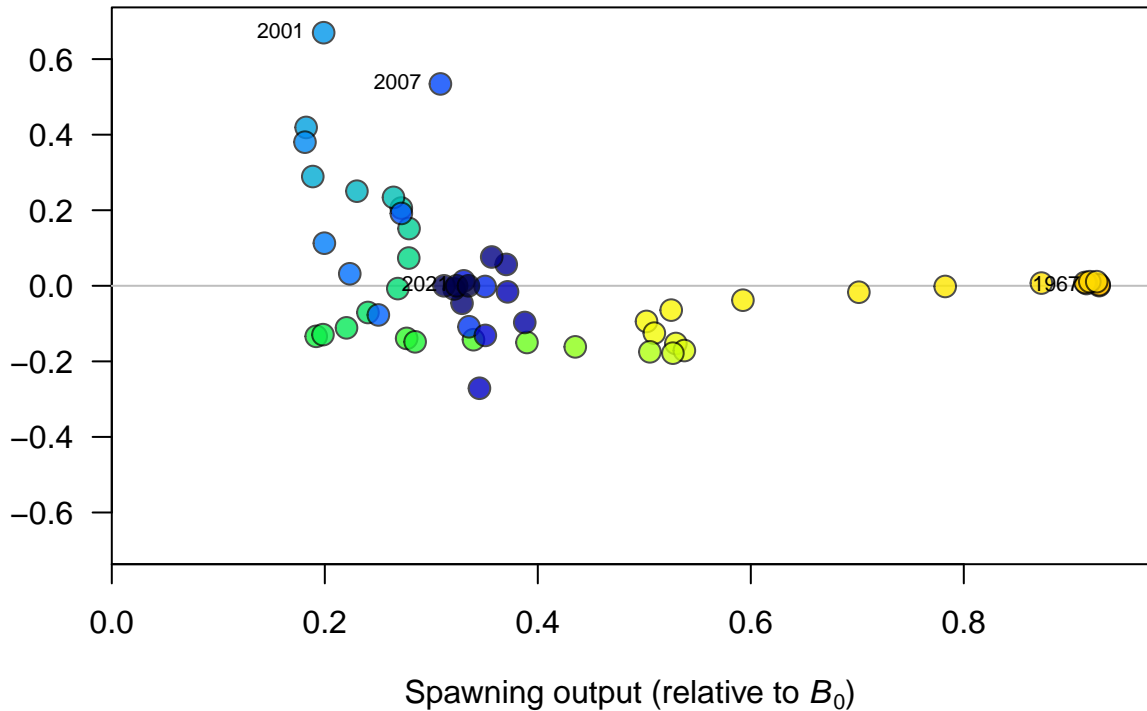


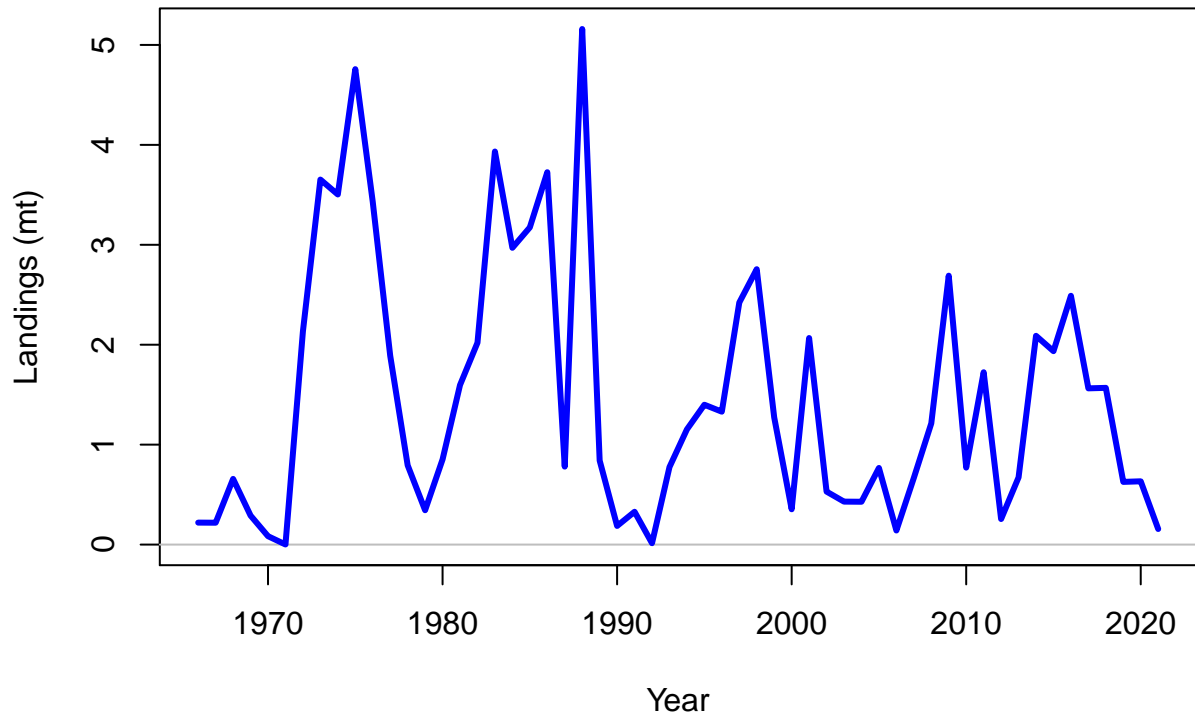
Recruitment (1,000s)

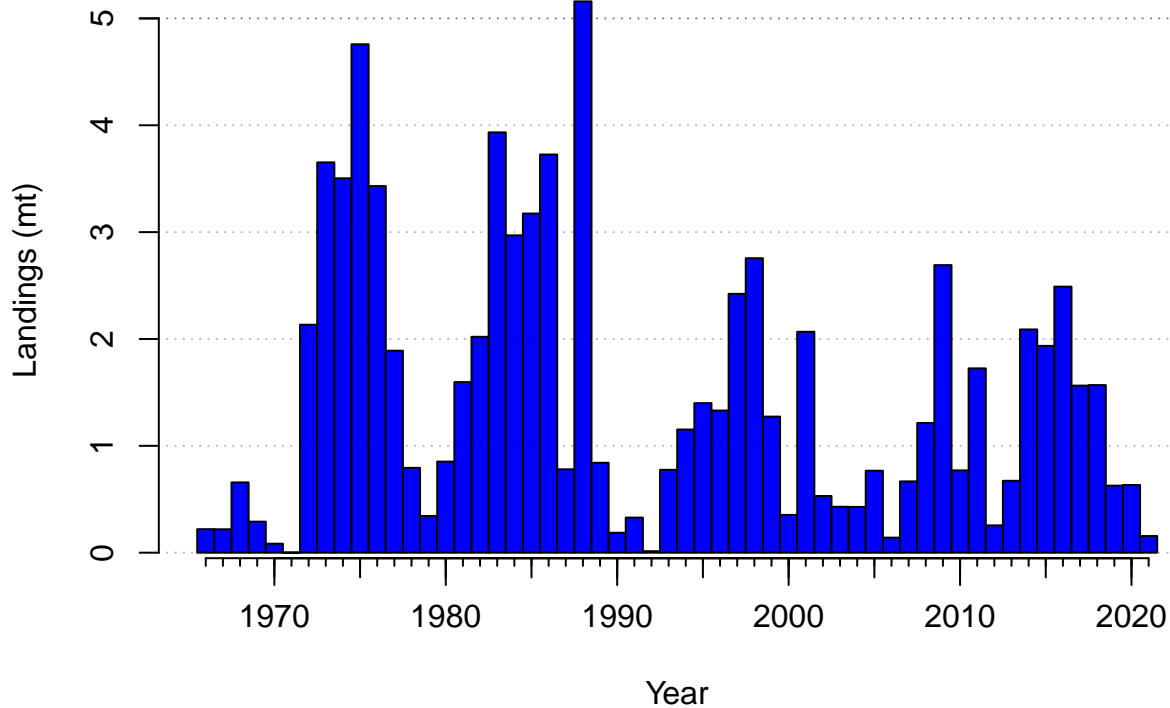


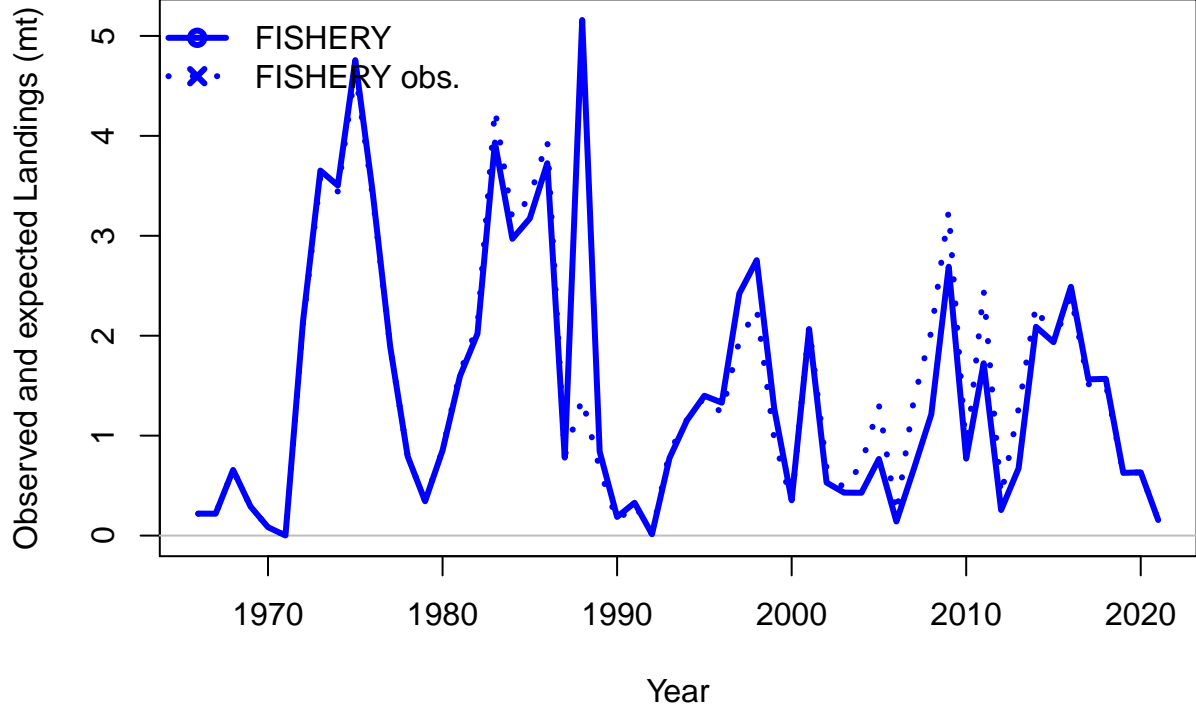


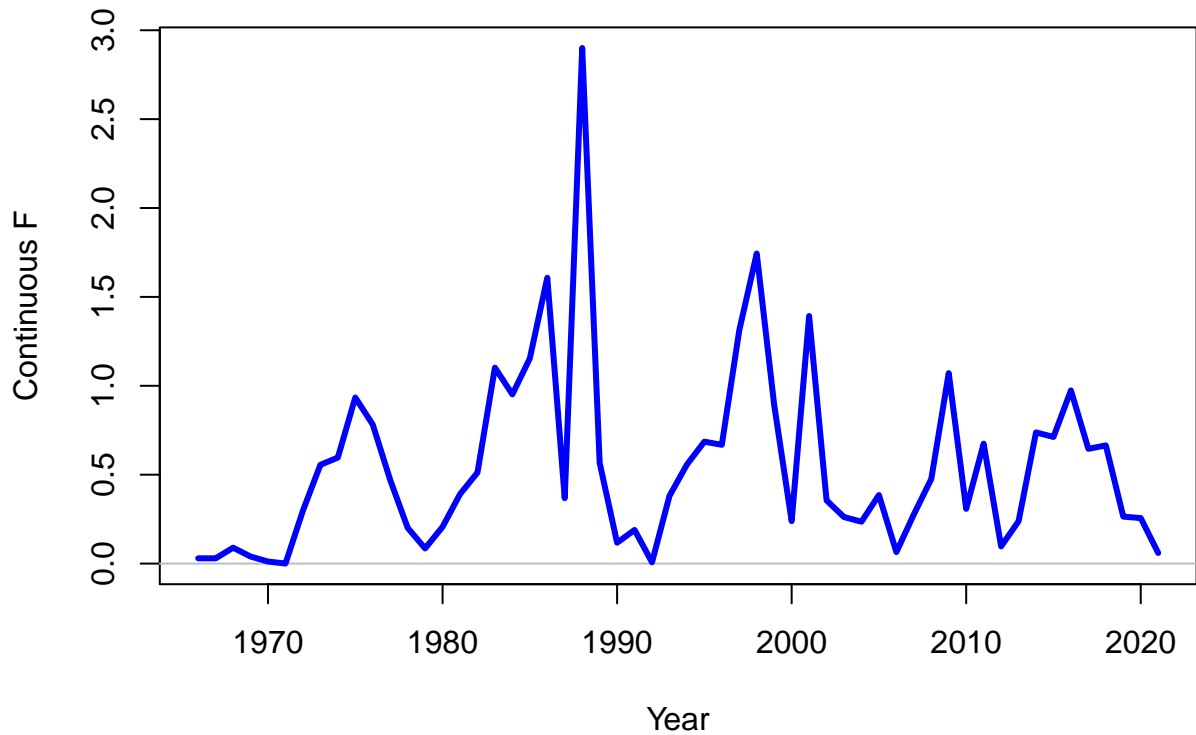
Log recruitment deviation



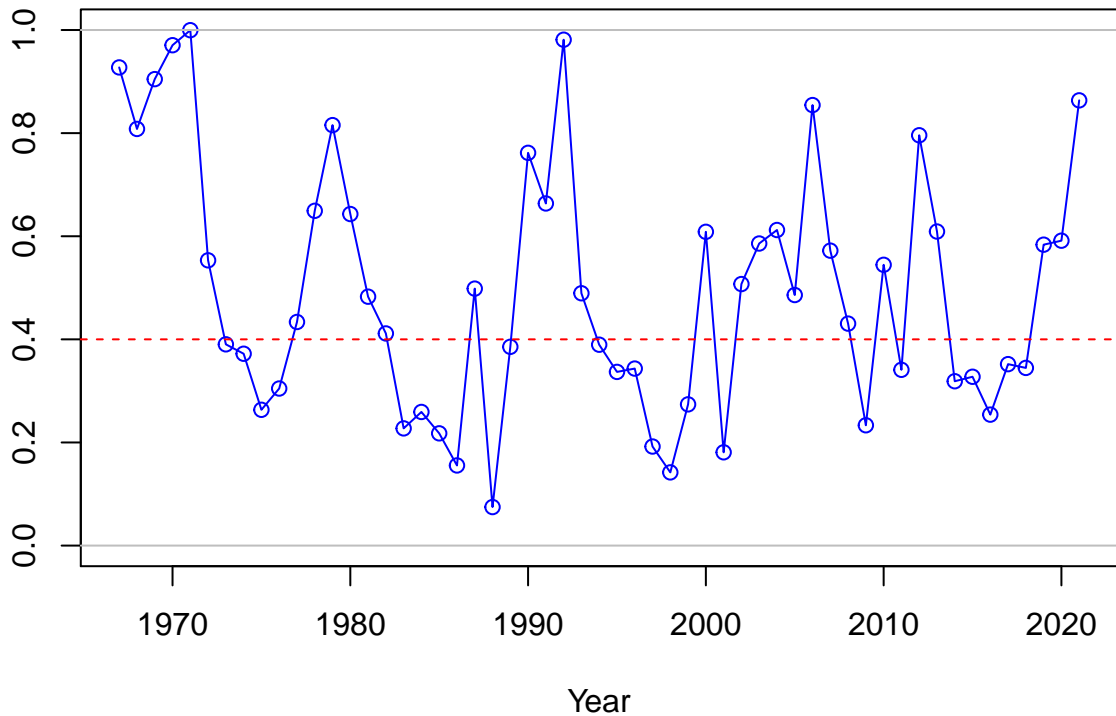


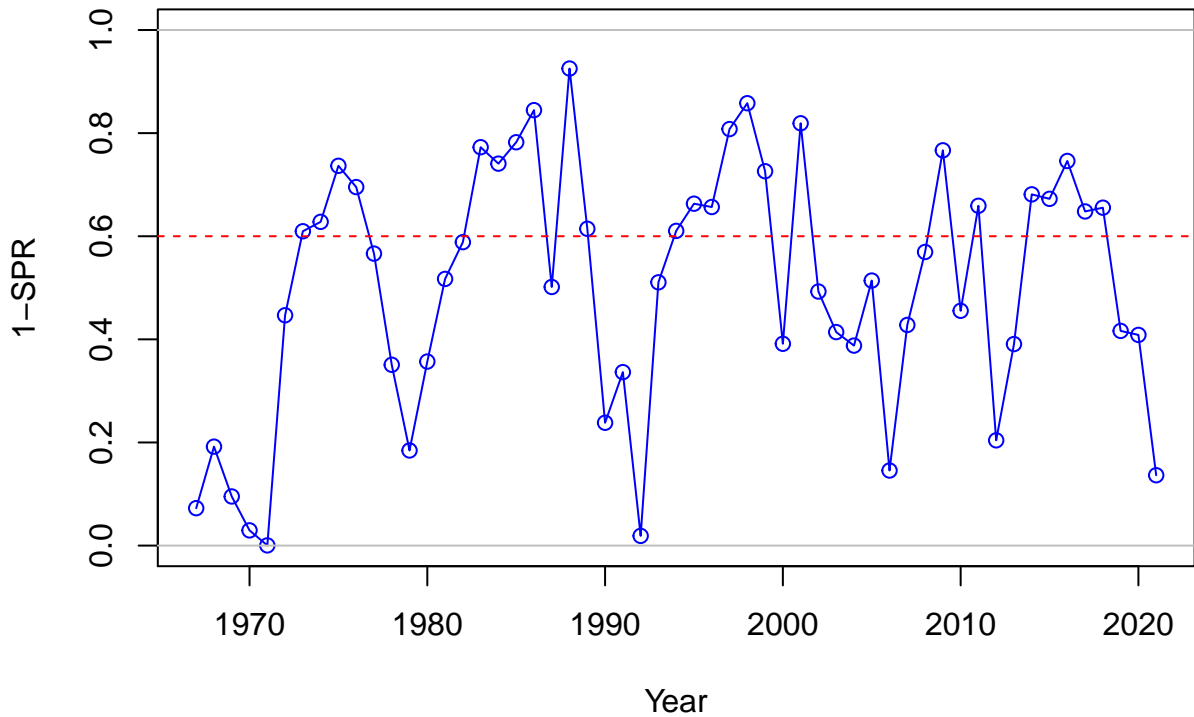




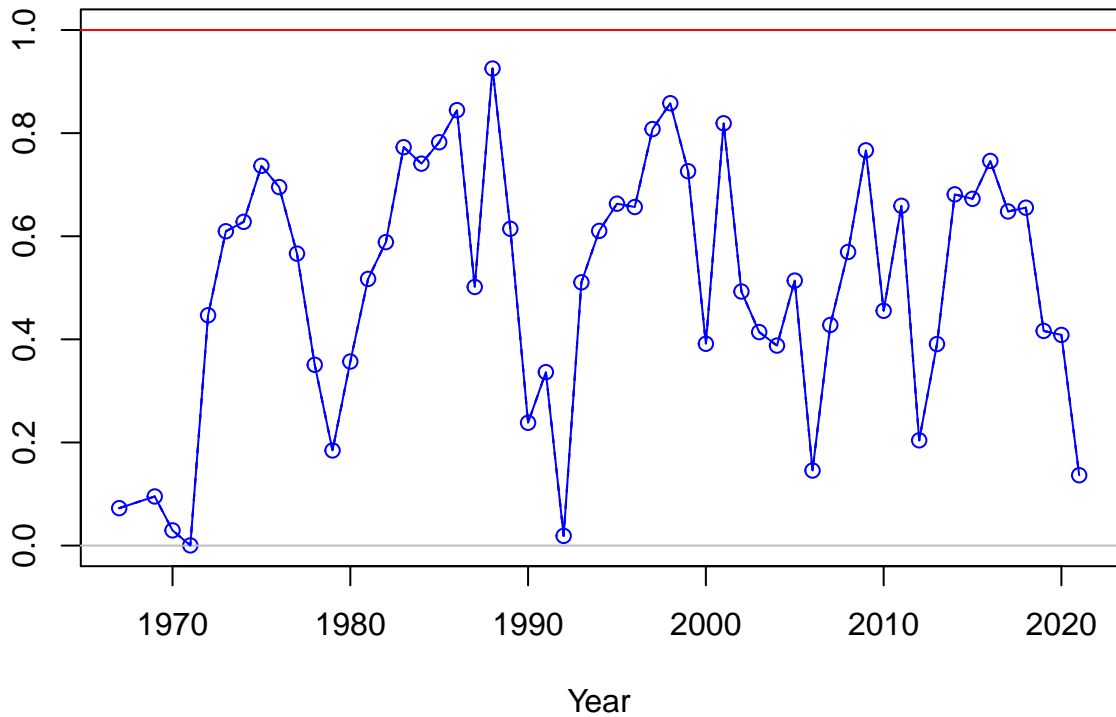


SPR

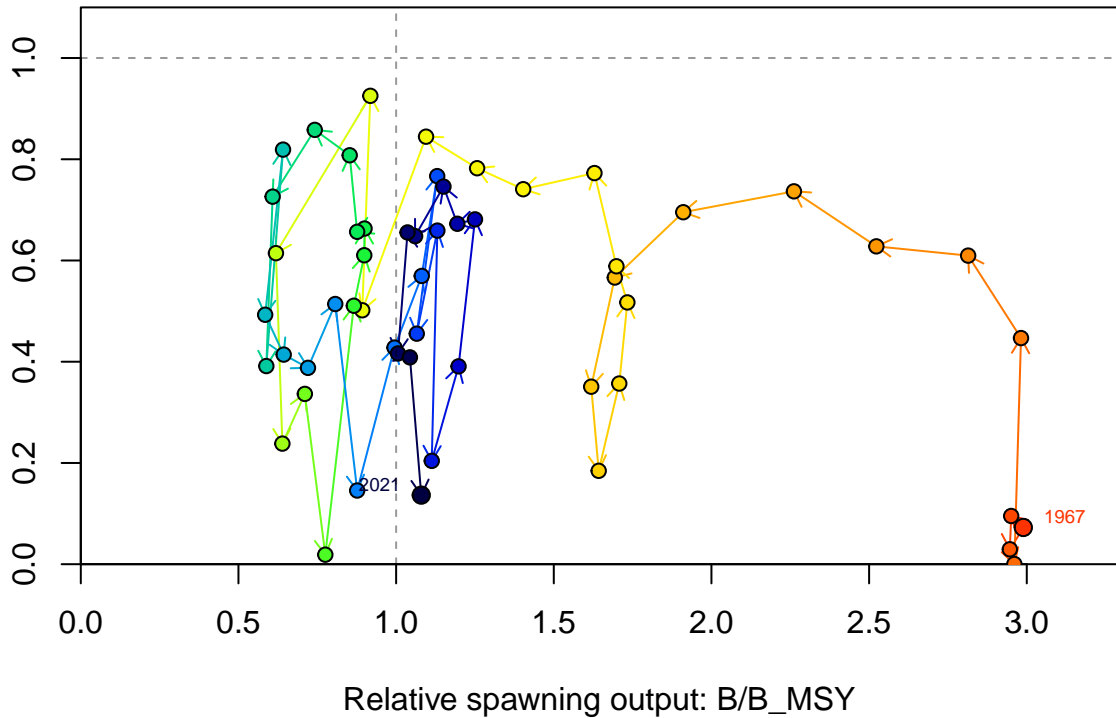




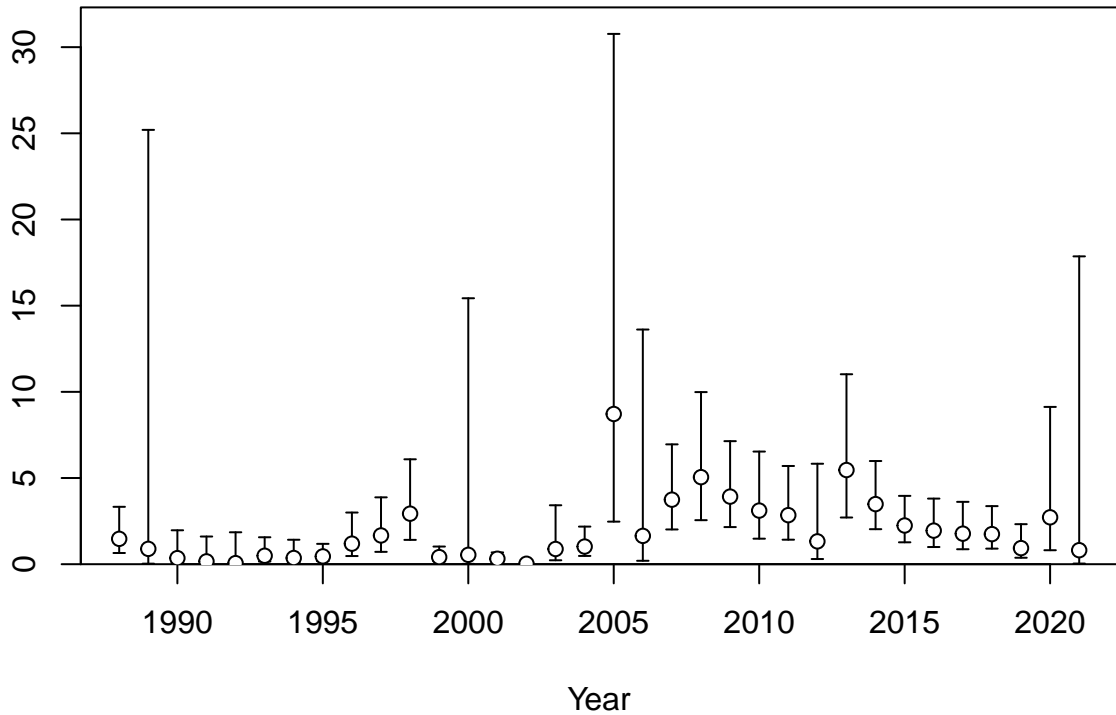
Fishing intensity: 1-SPR



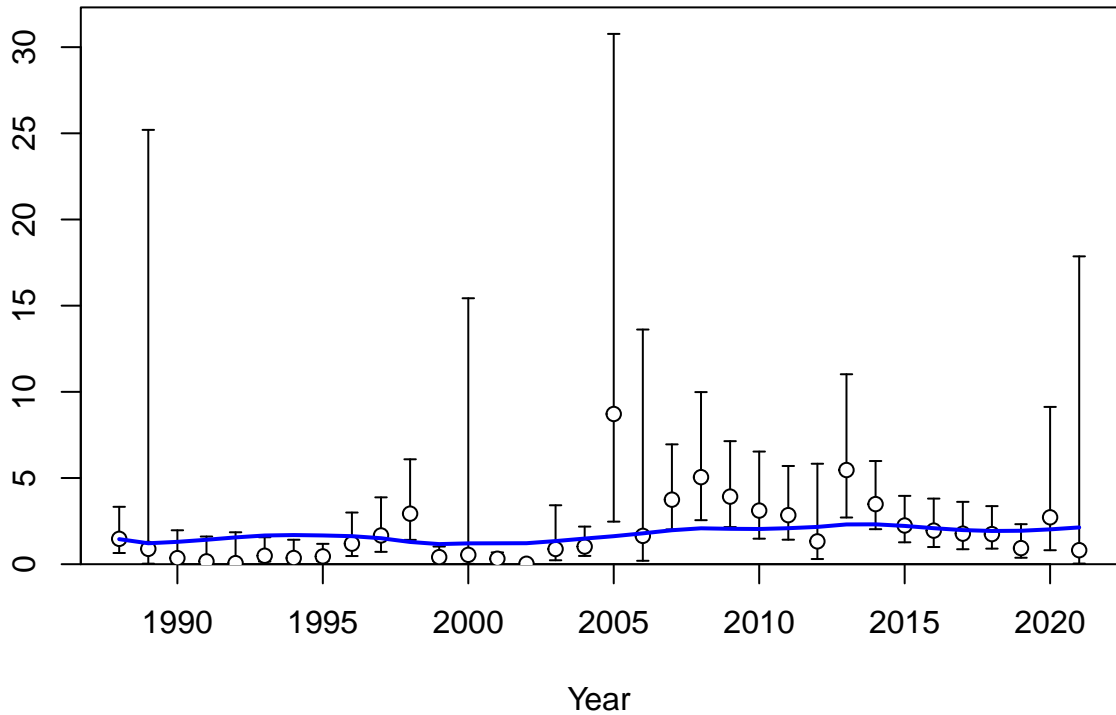
Fishing intensity: 1-SPR

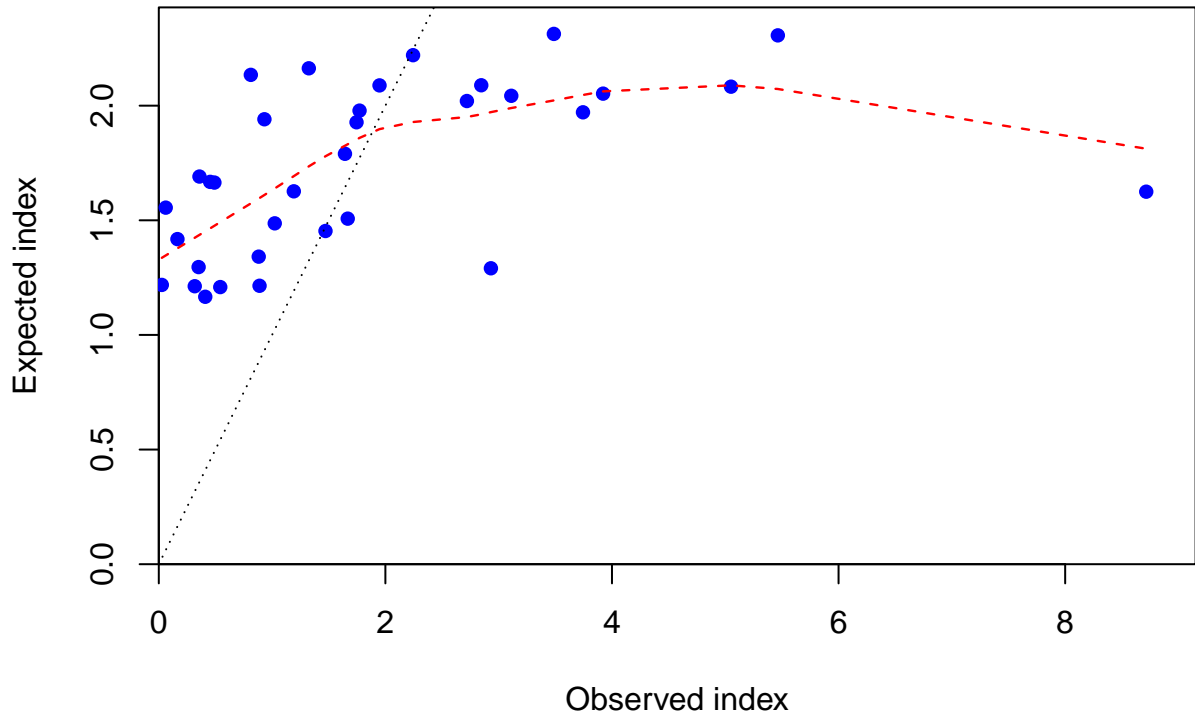


Index

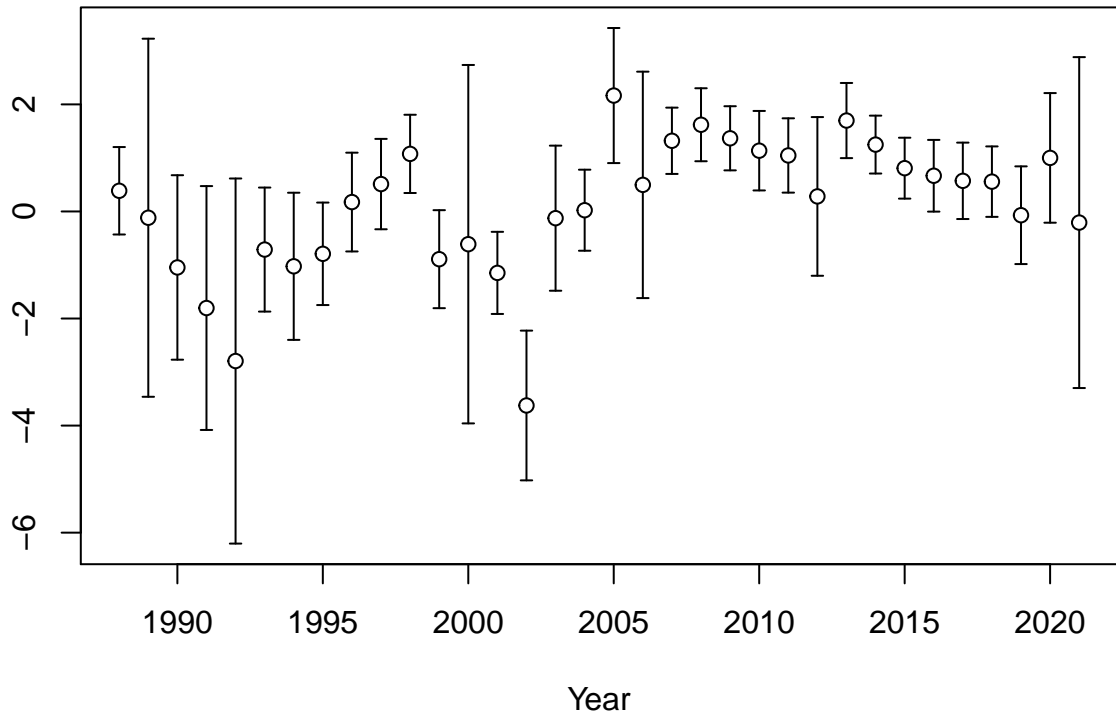


Index

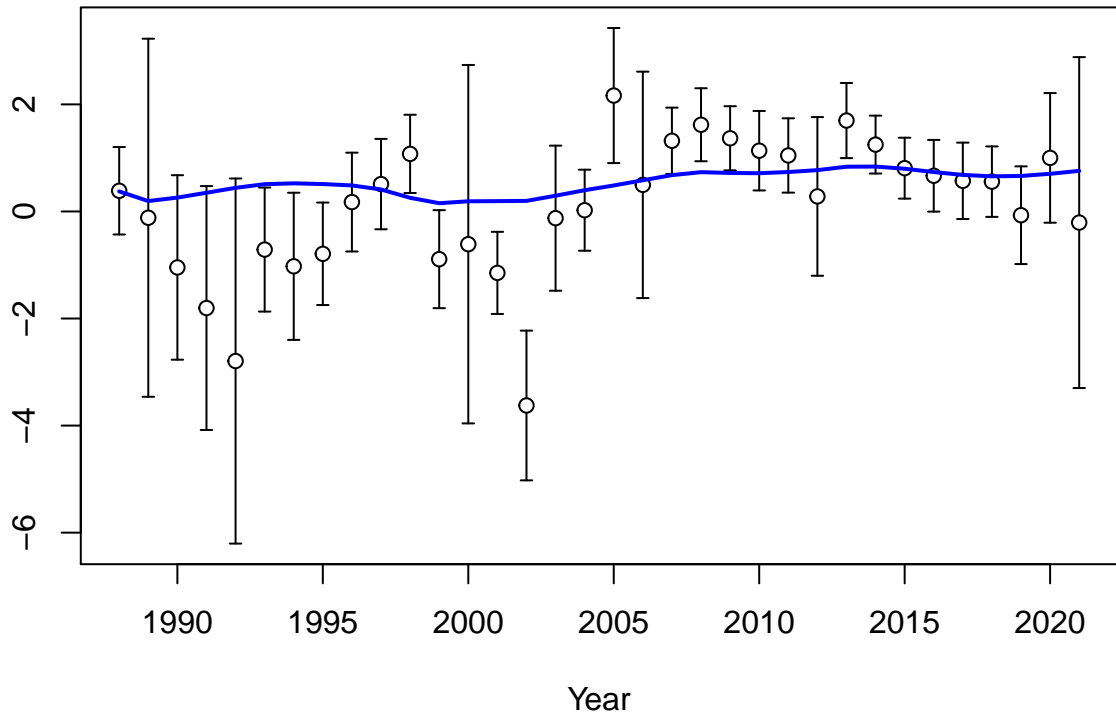


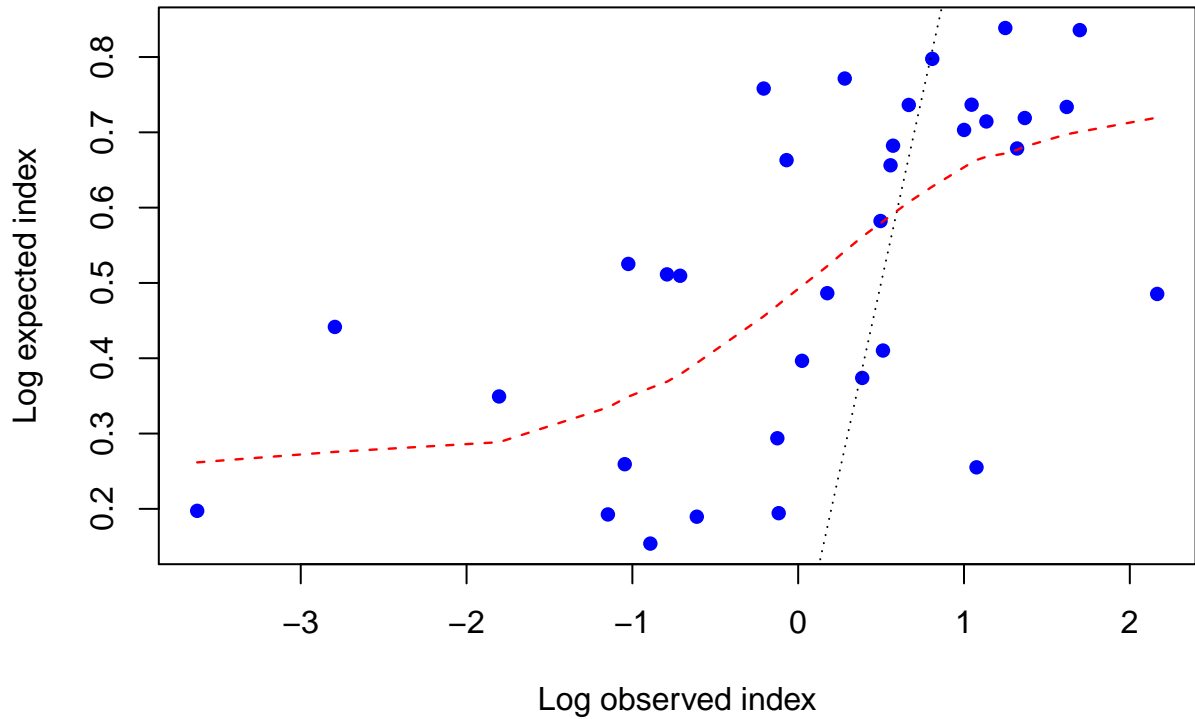


Log index

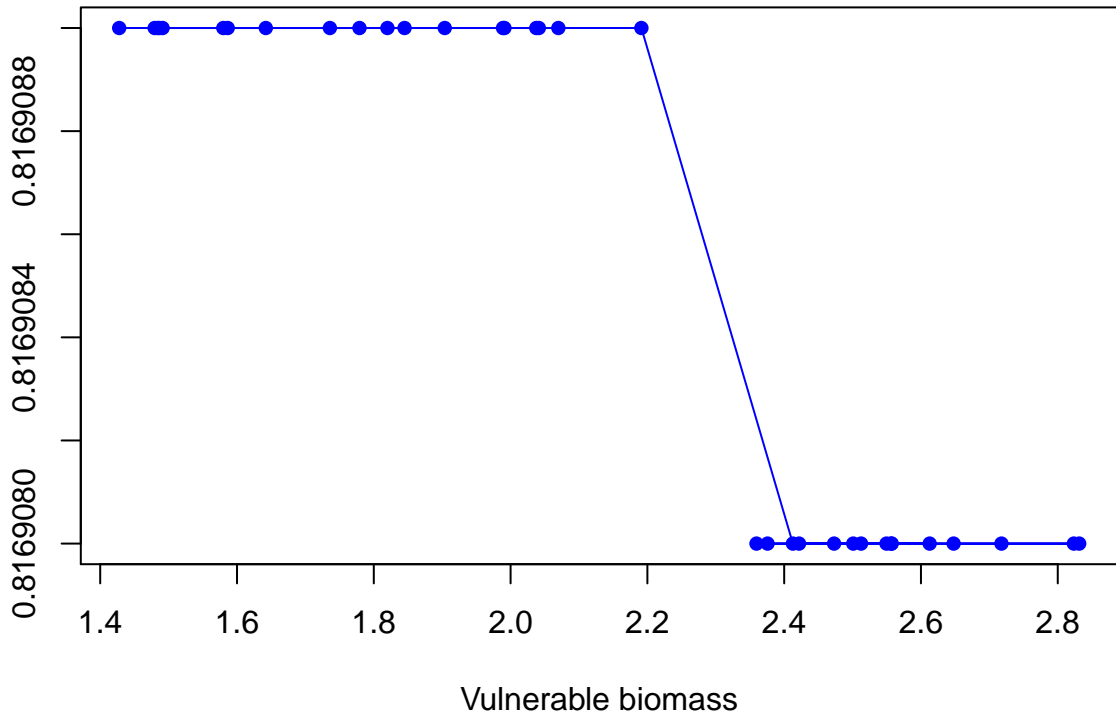


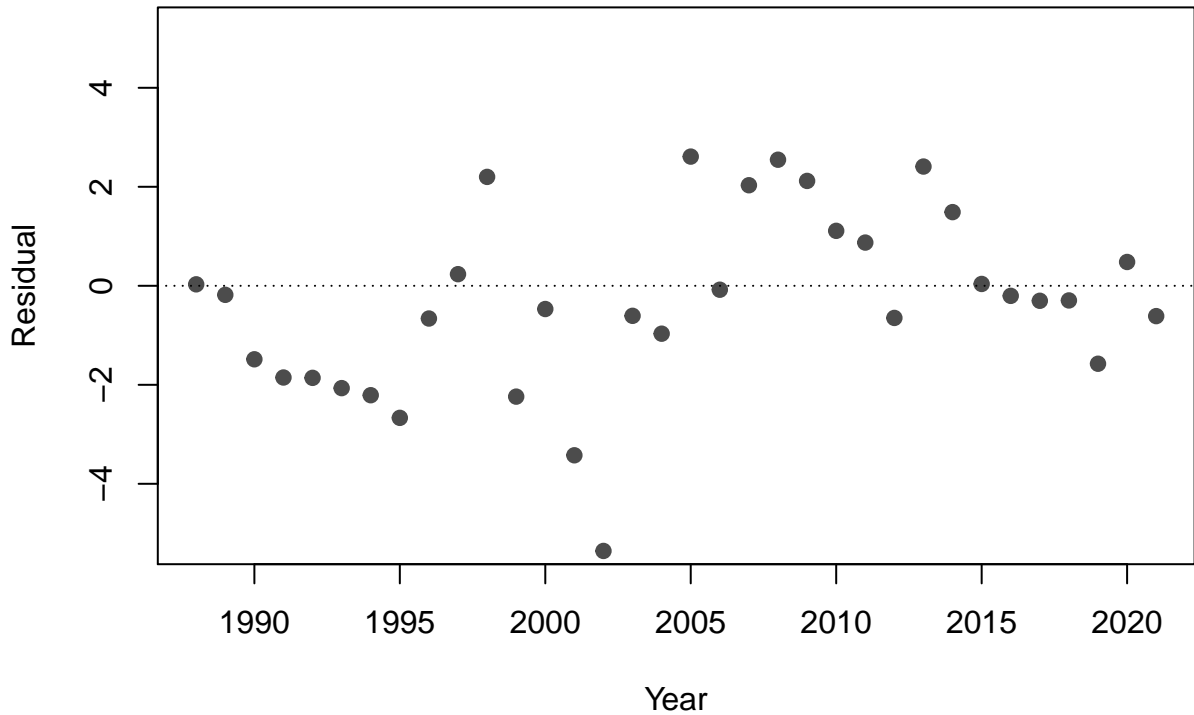
Log index



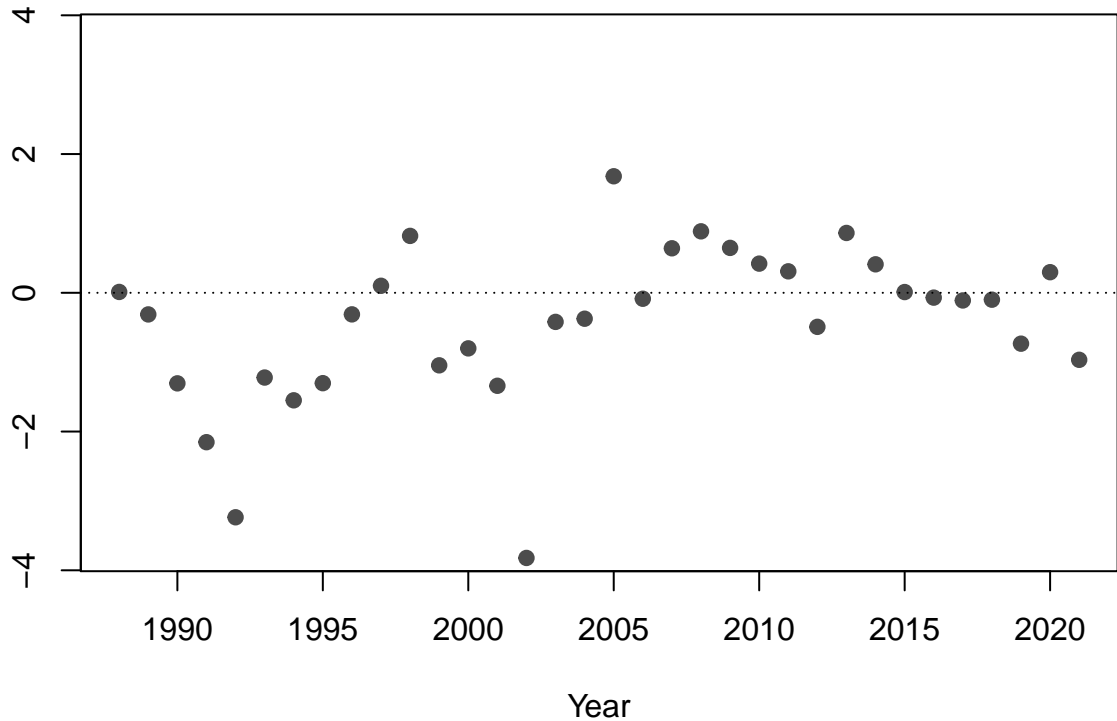


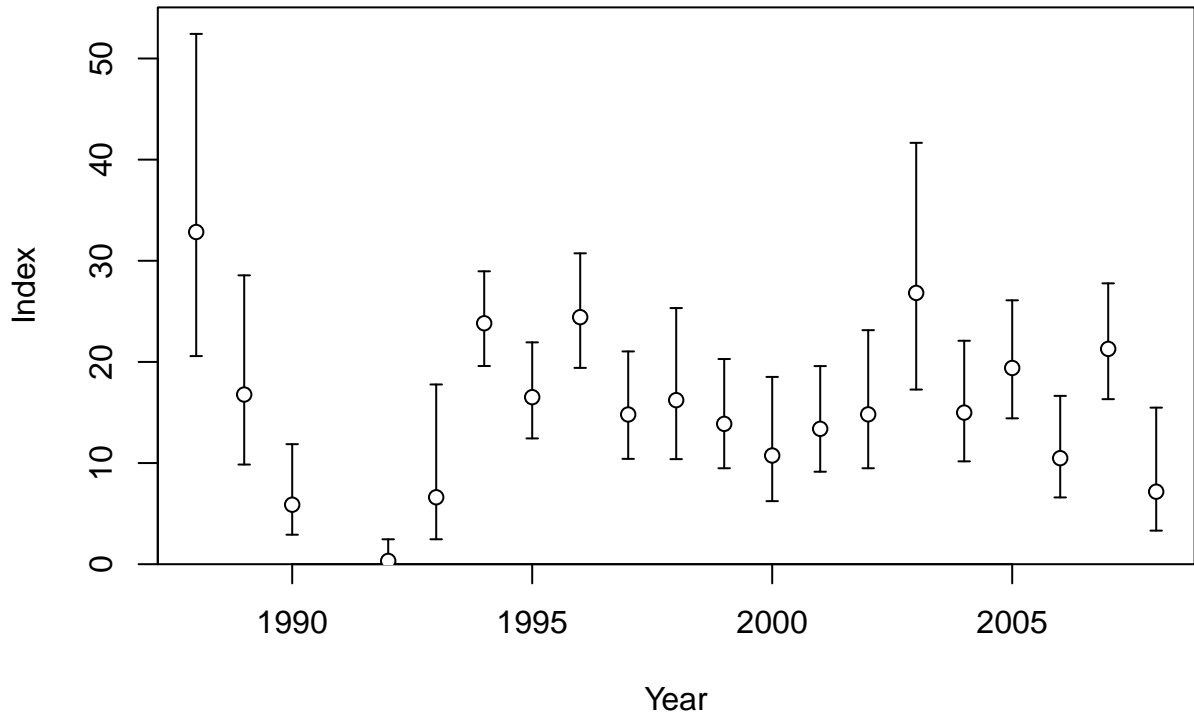
Effective catchability

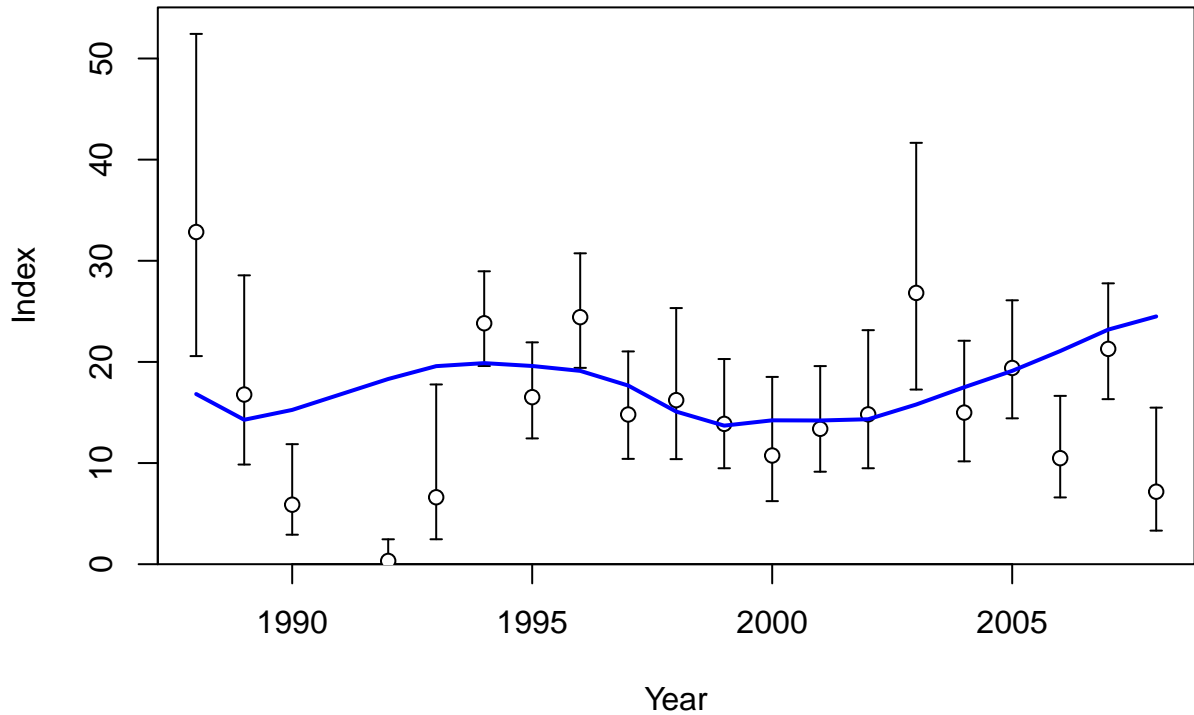


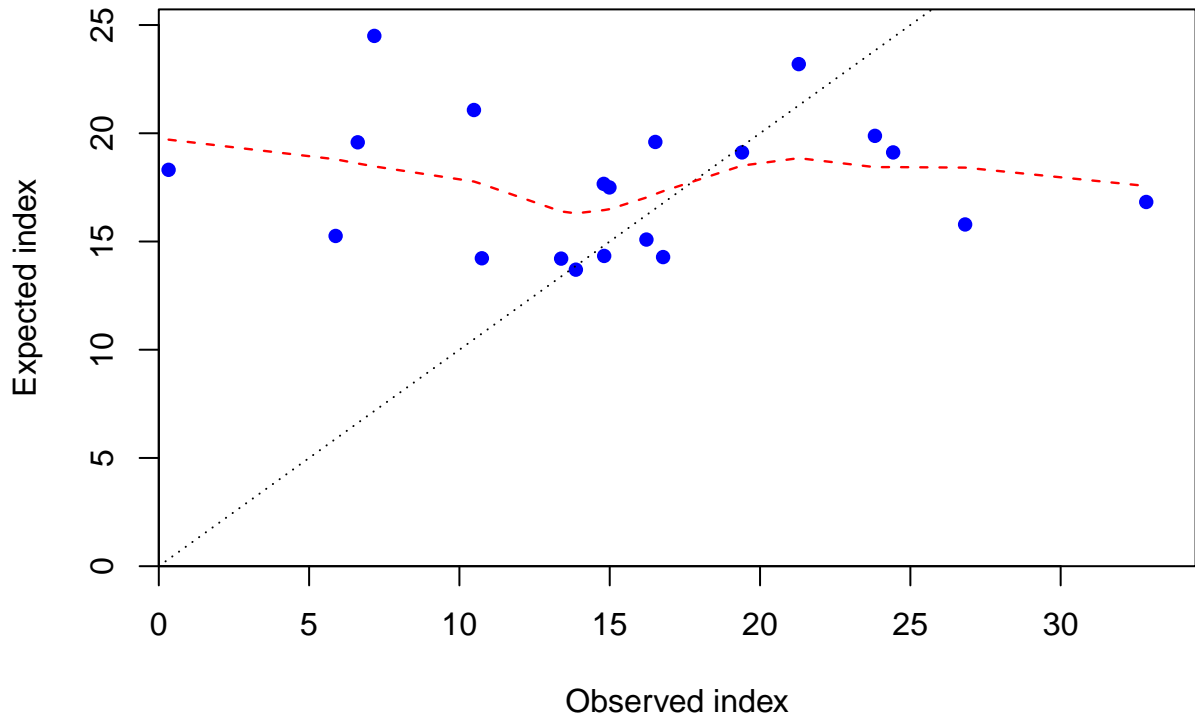


Deviation

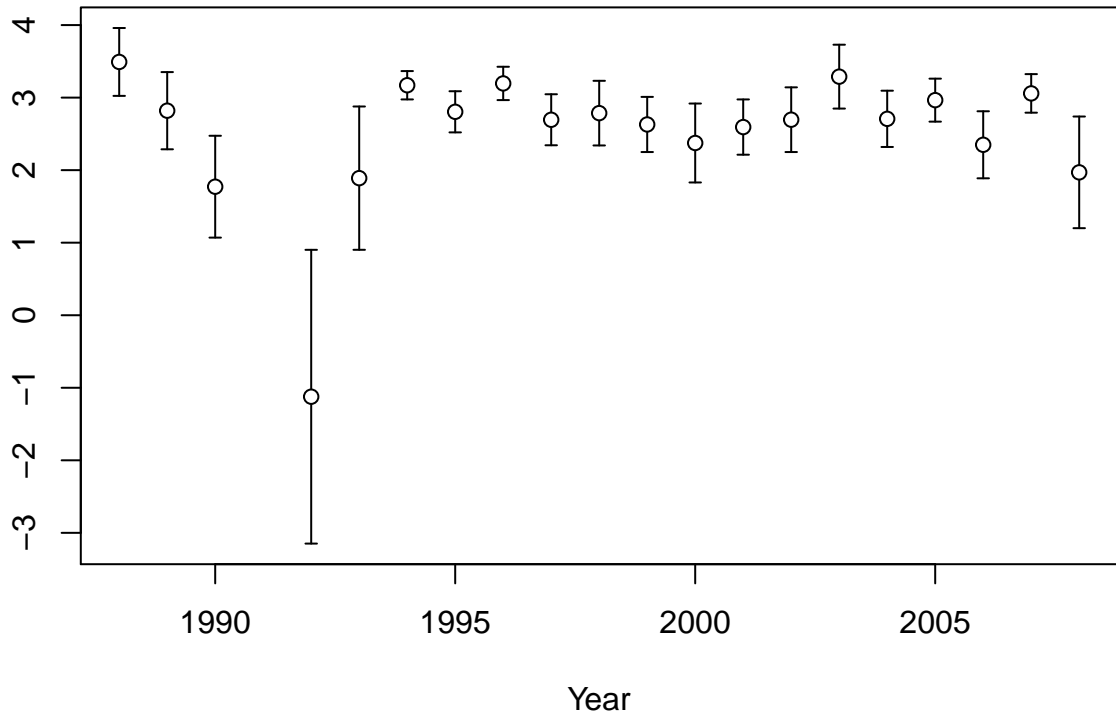




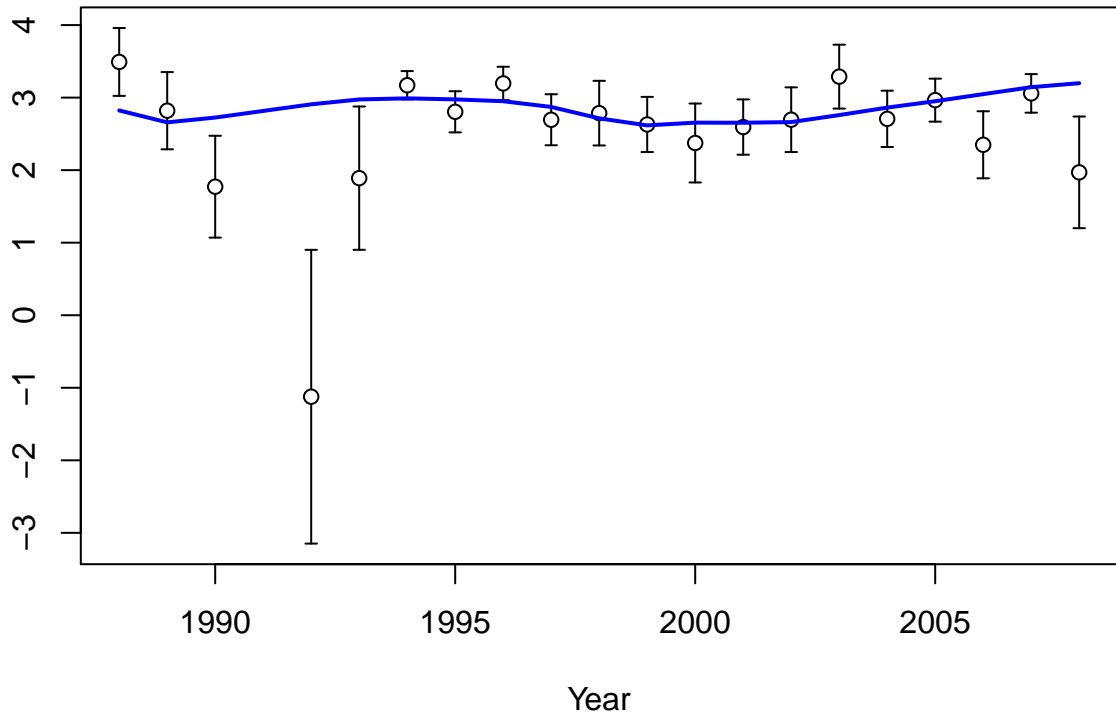


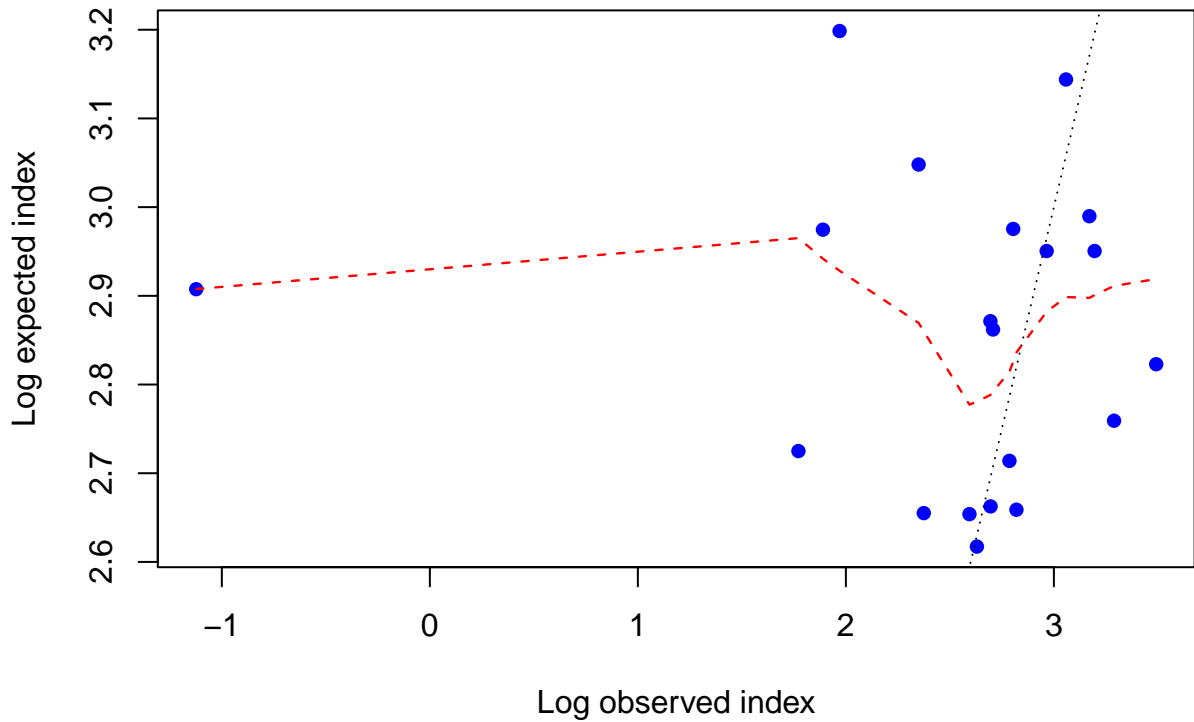


Log index



Log index





Effective catchability

9.624238
9.624234
9.624230

1.4

1.6

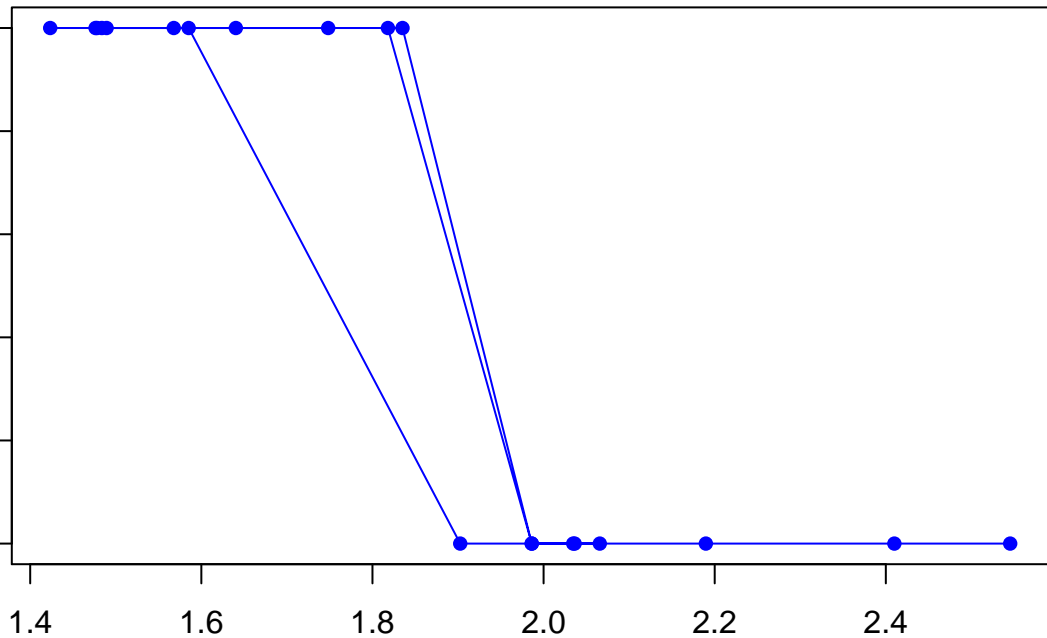
1.8

2.0

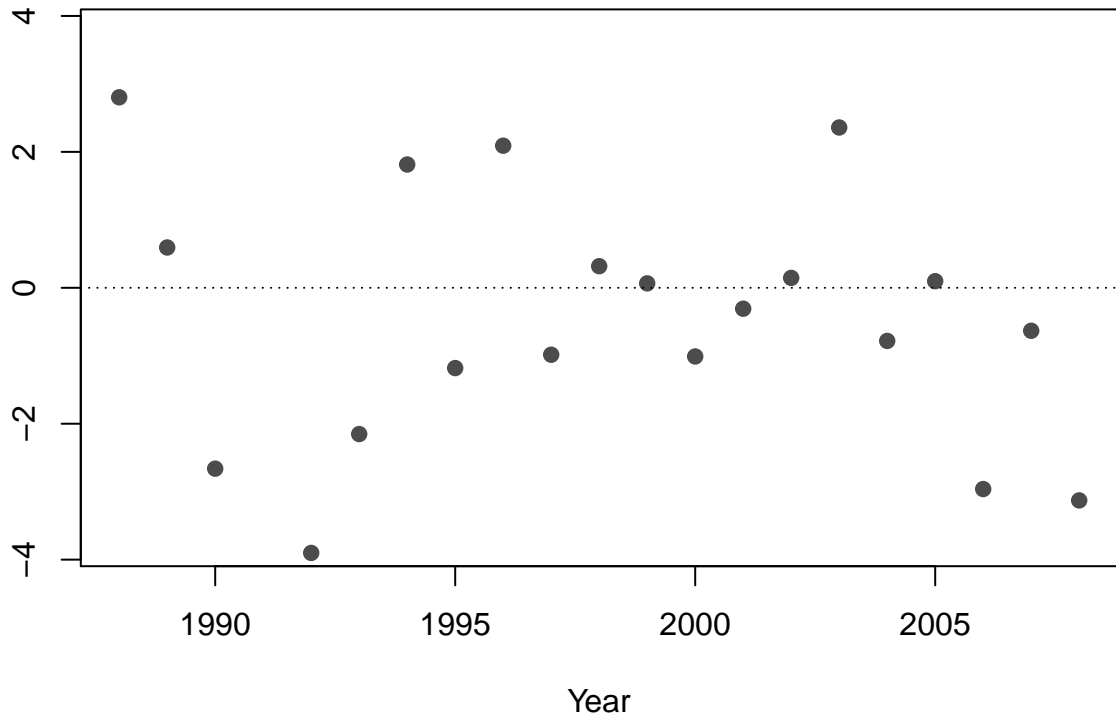
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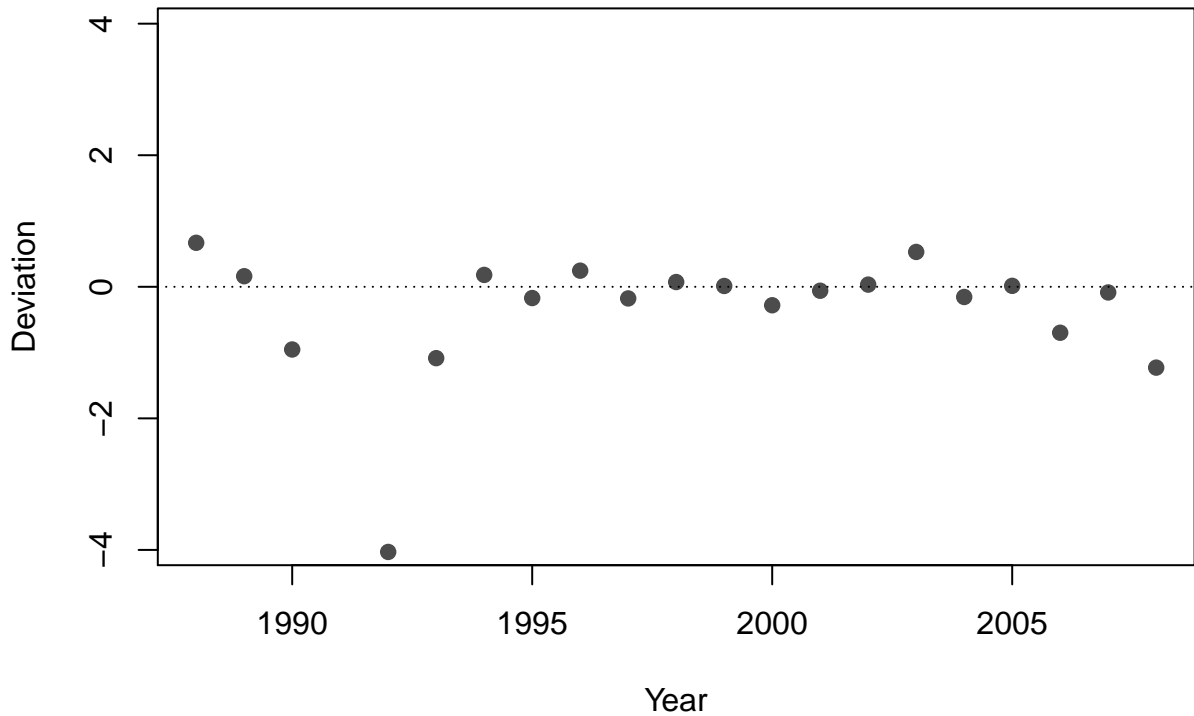
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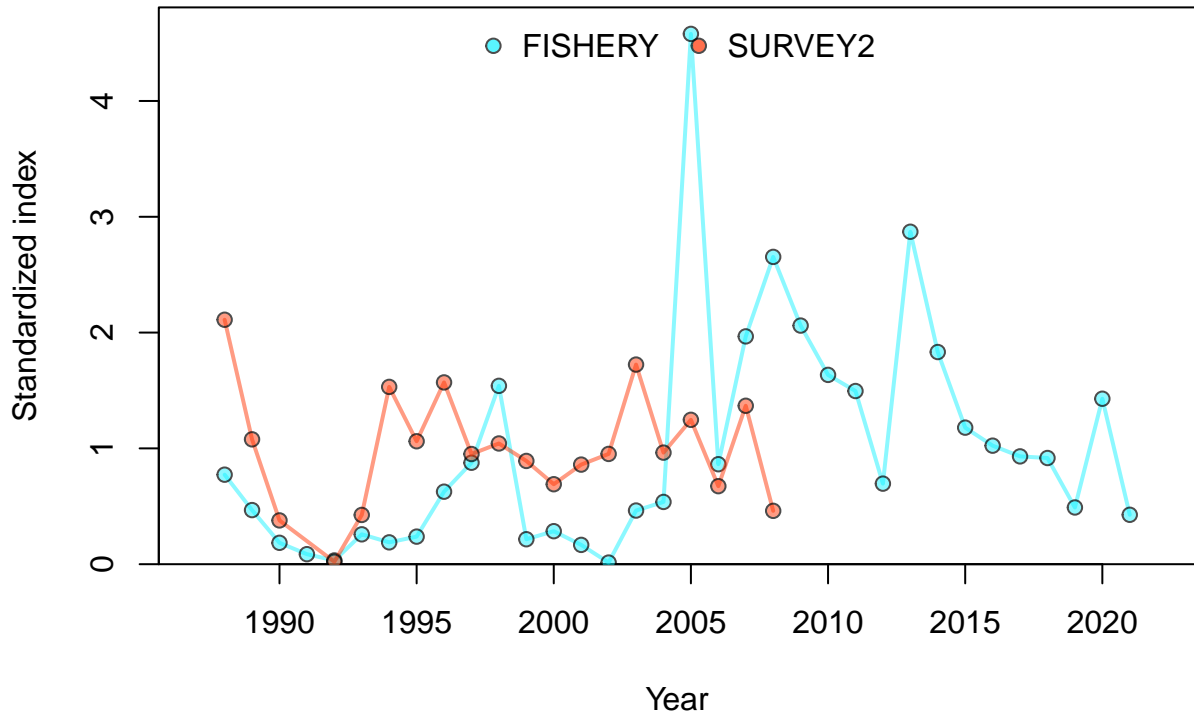
Vulnerable biomass

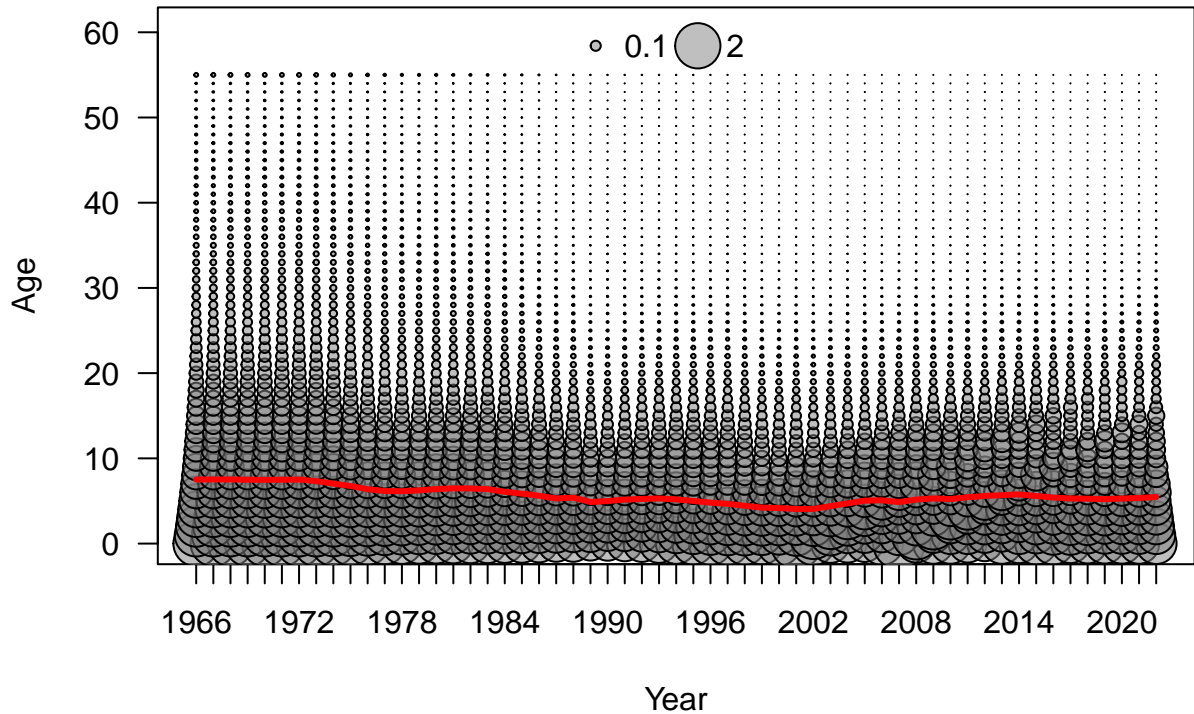


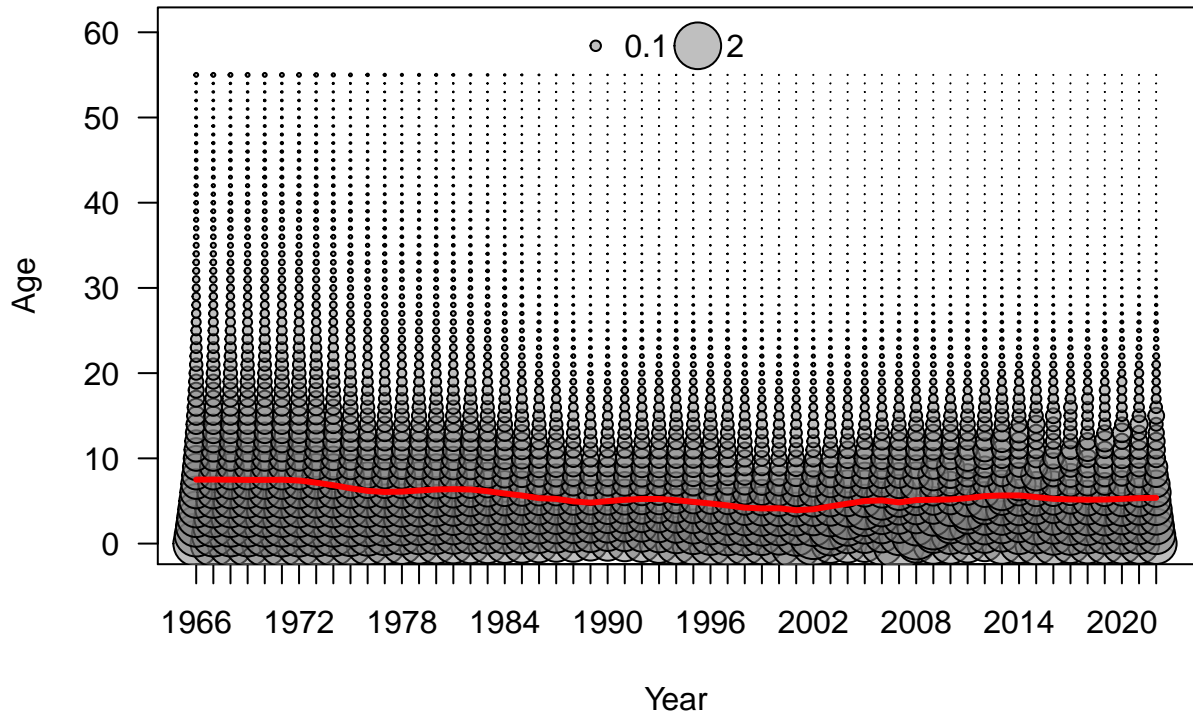
Residual

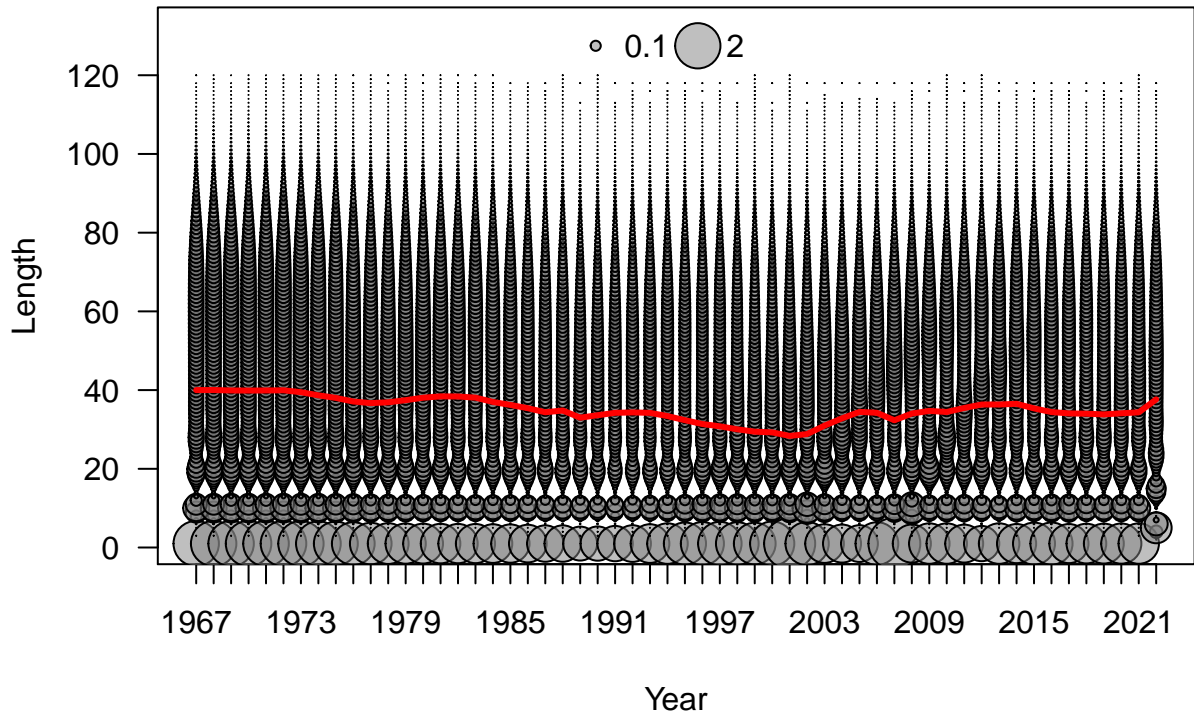


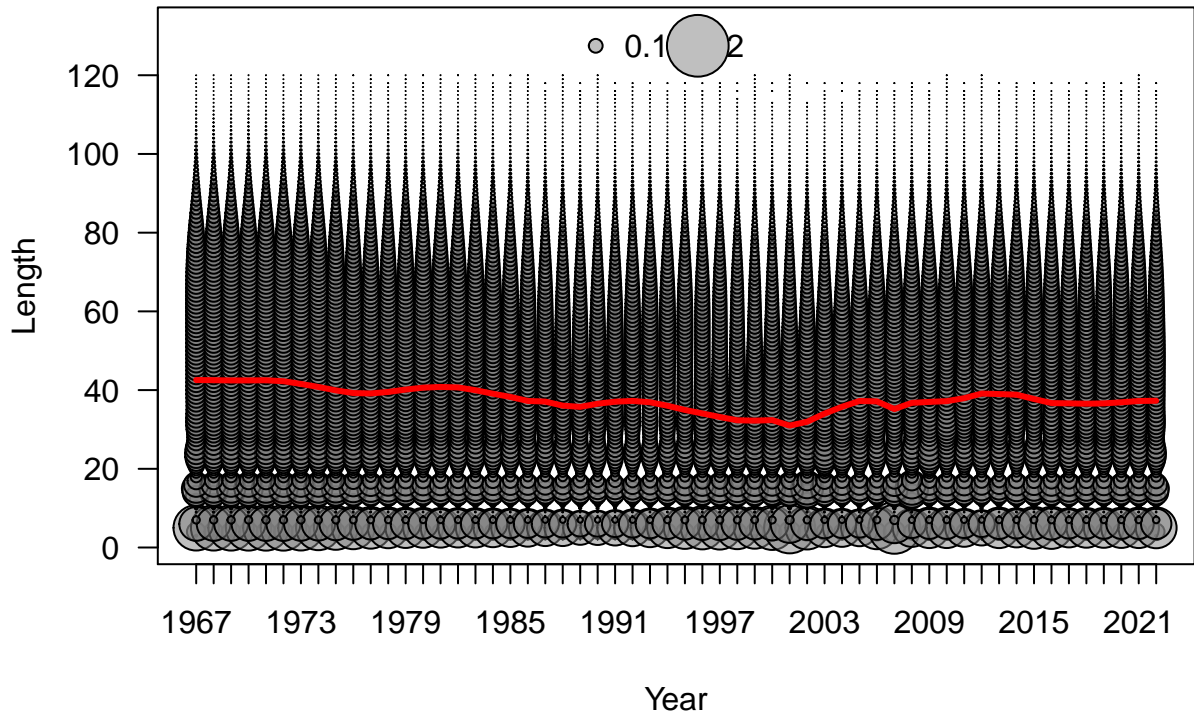


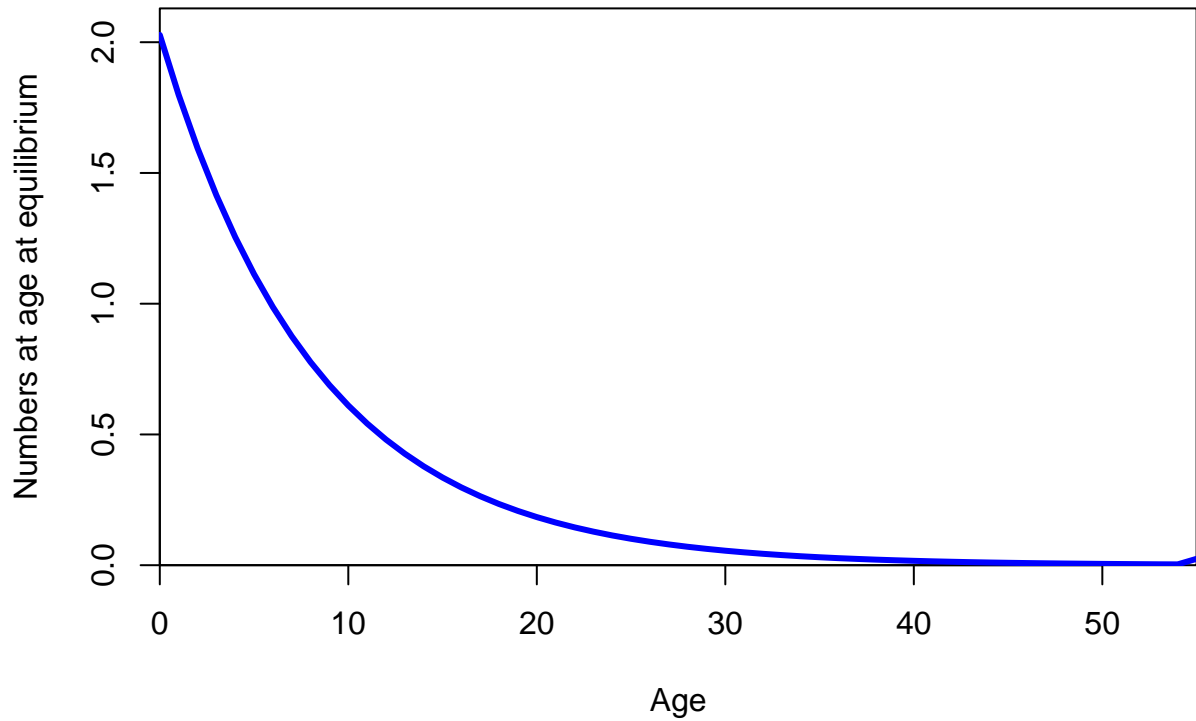


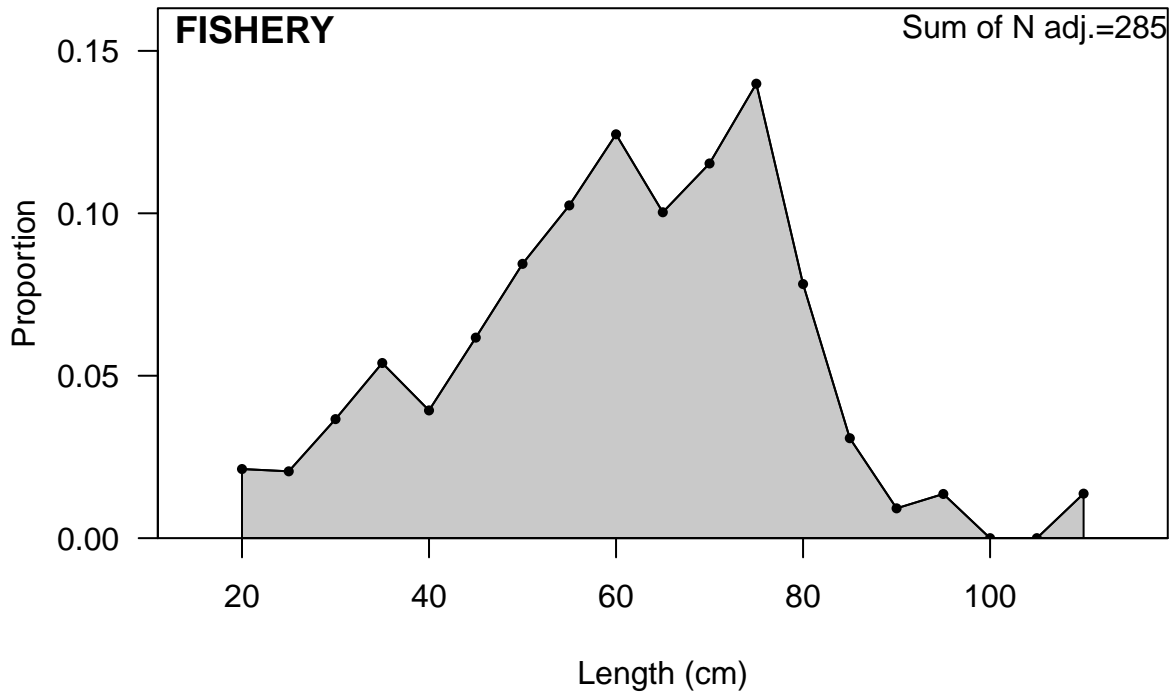






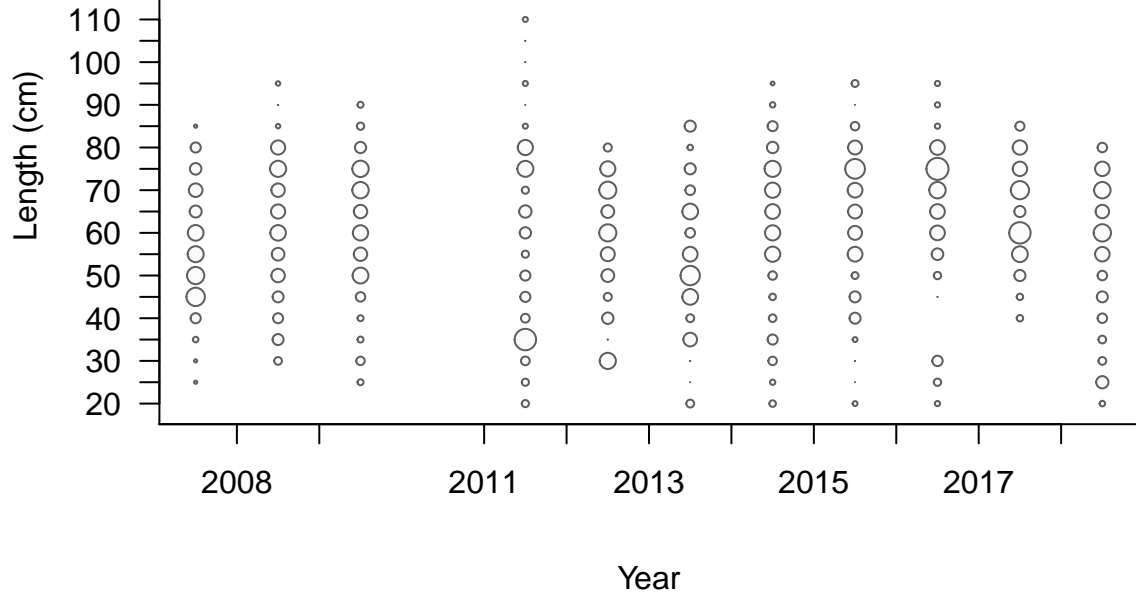




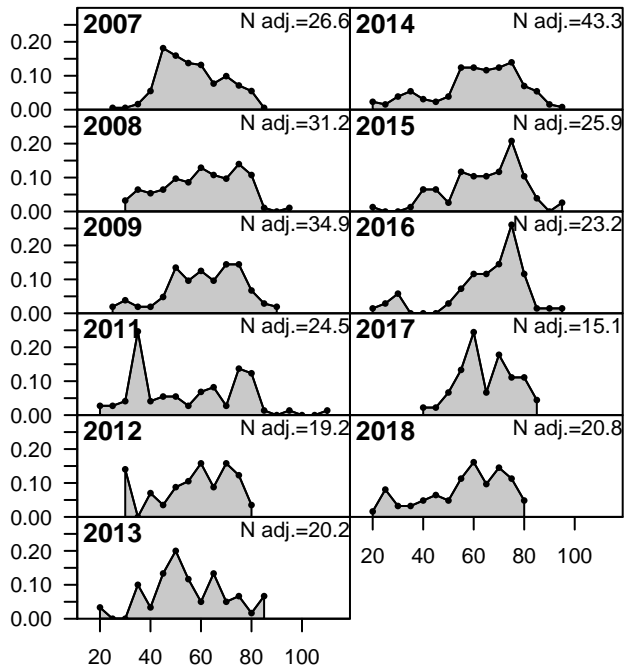


FISHERY

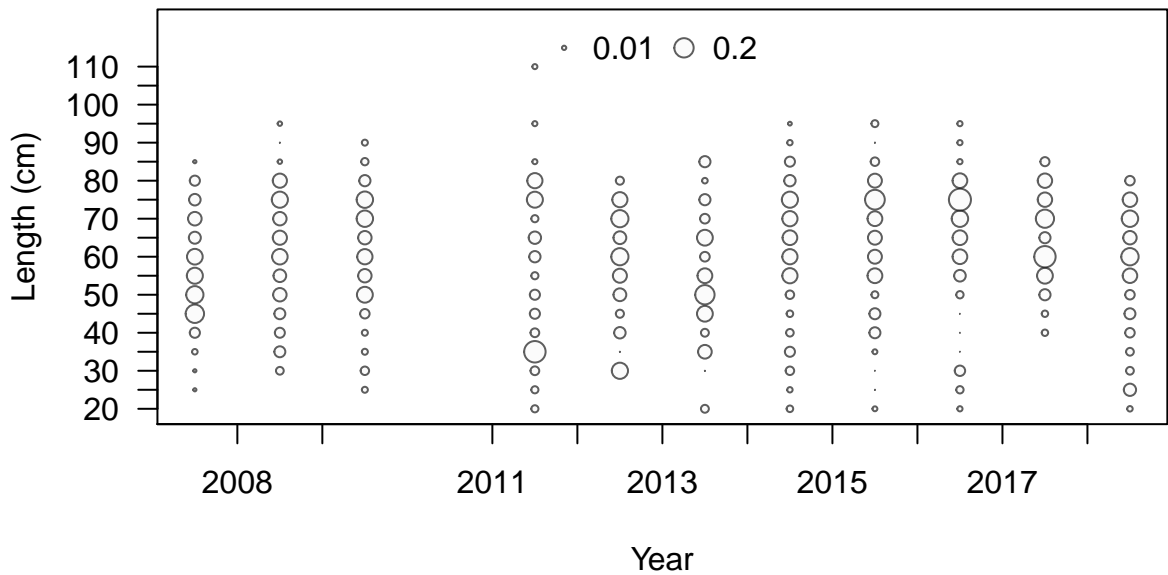
◦ 0.01 ○ 0.2



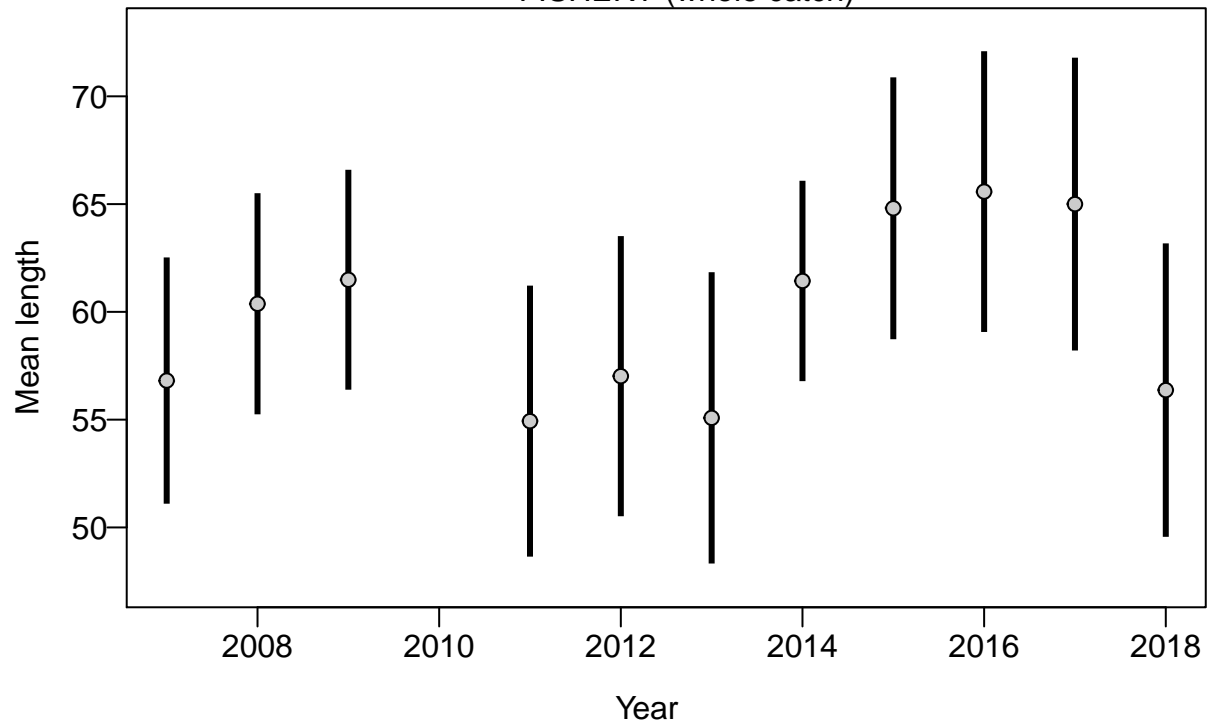
Proportion

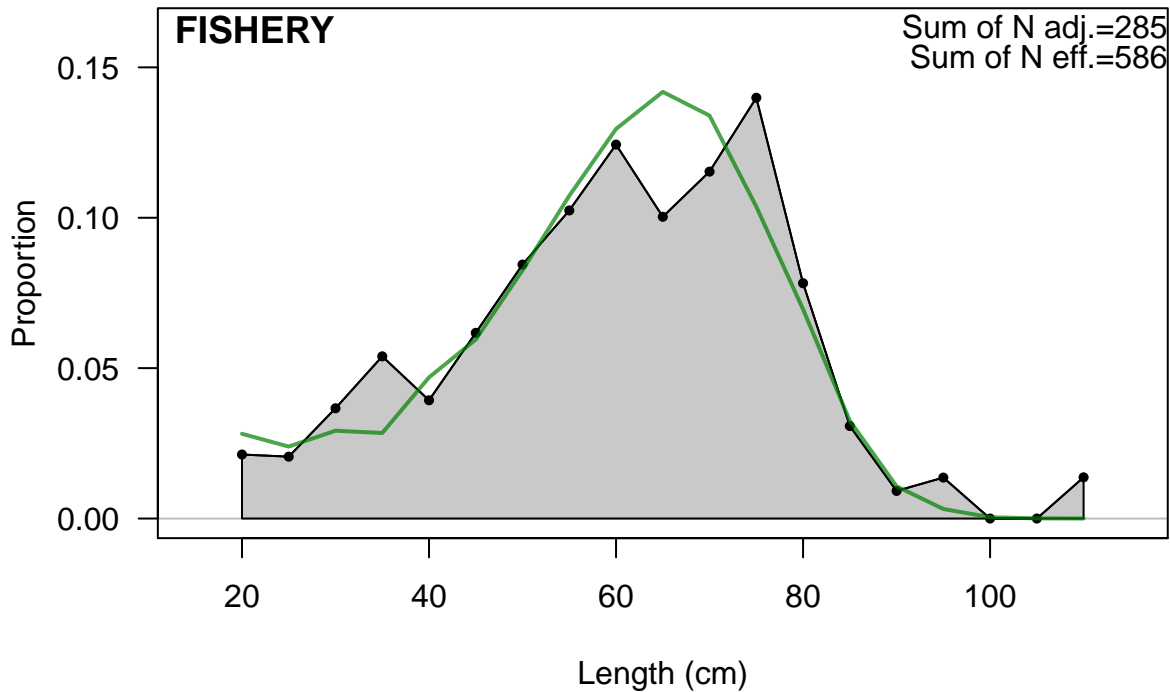


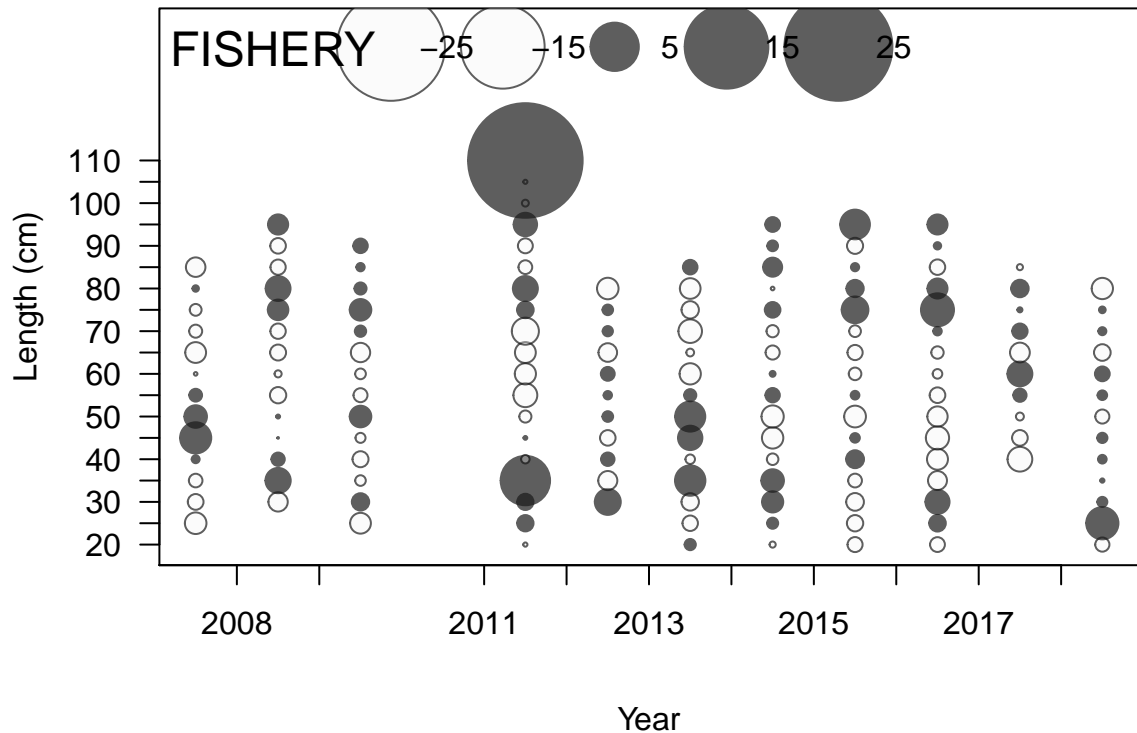
Length (cm)



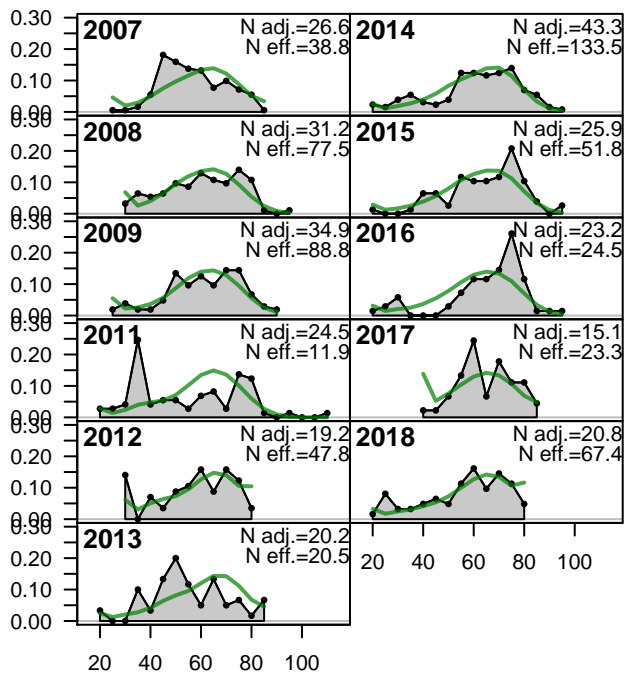
FISHERY (whole catch)



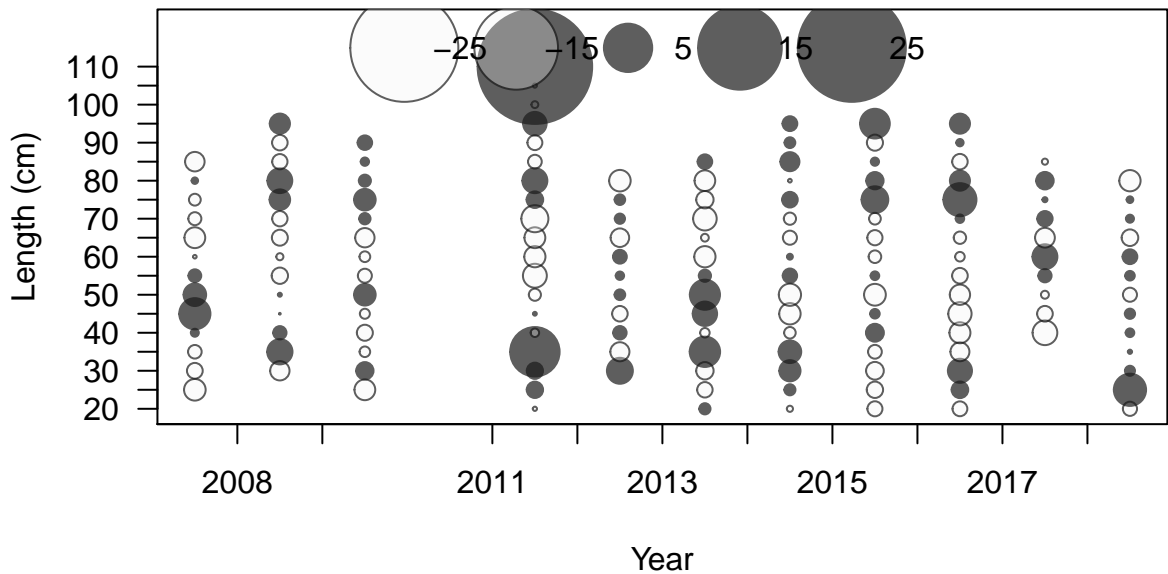




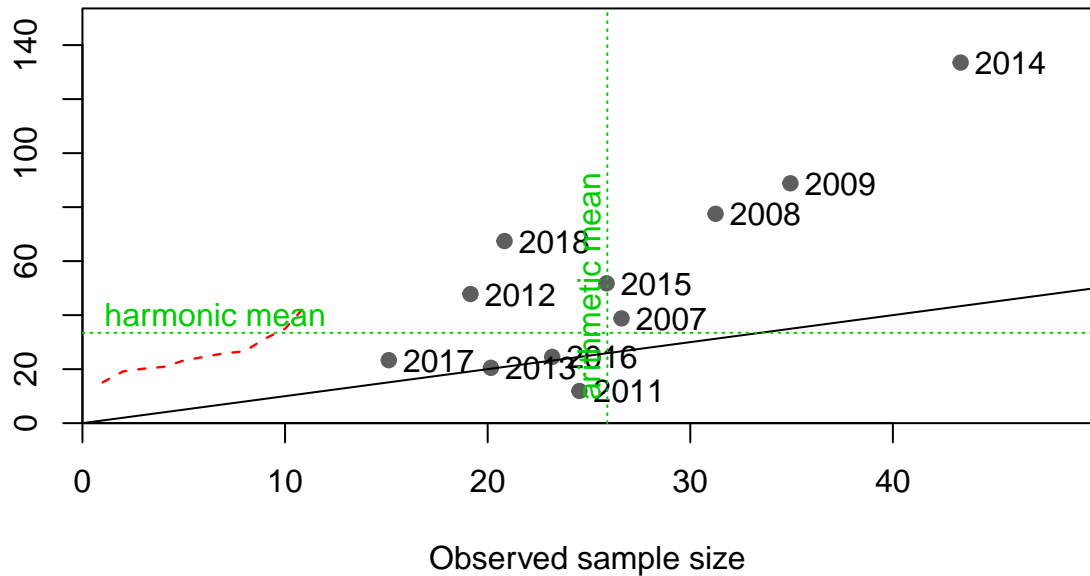
Proportion



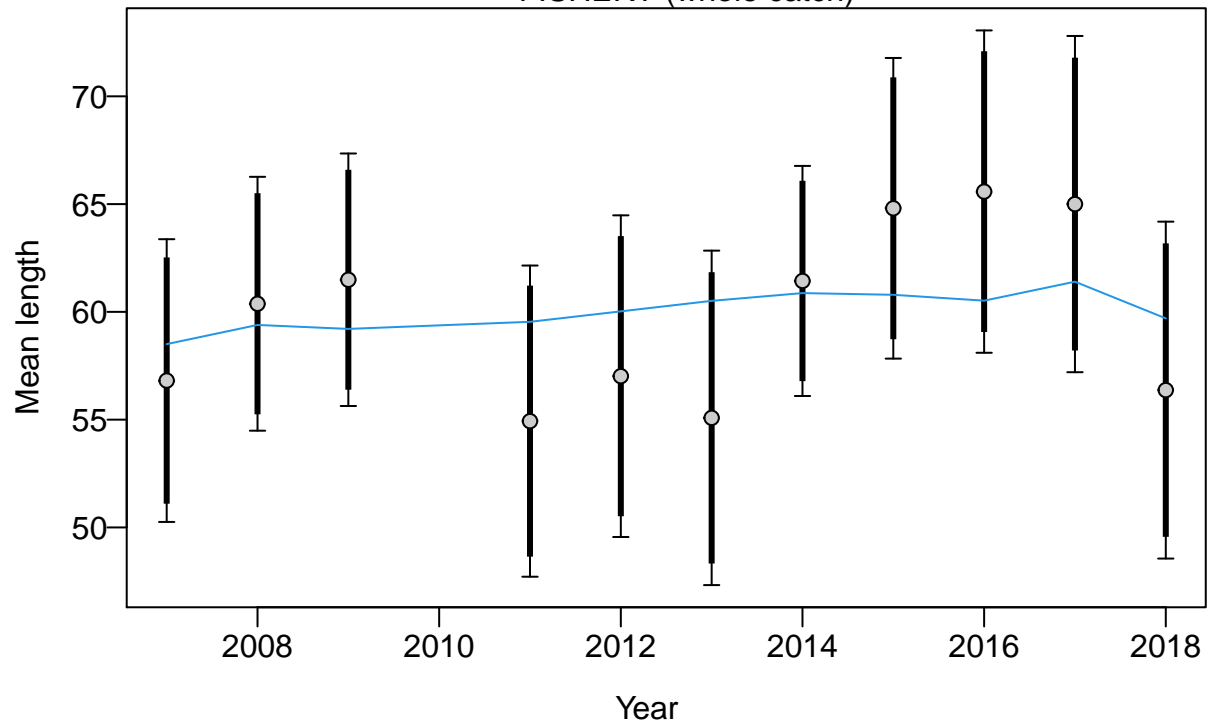
Length (cm)

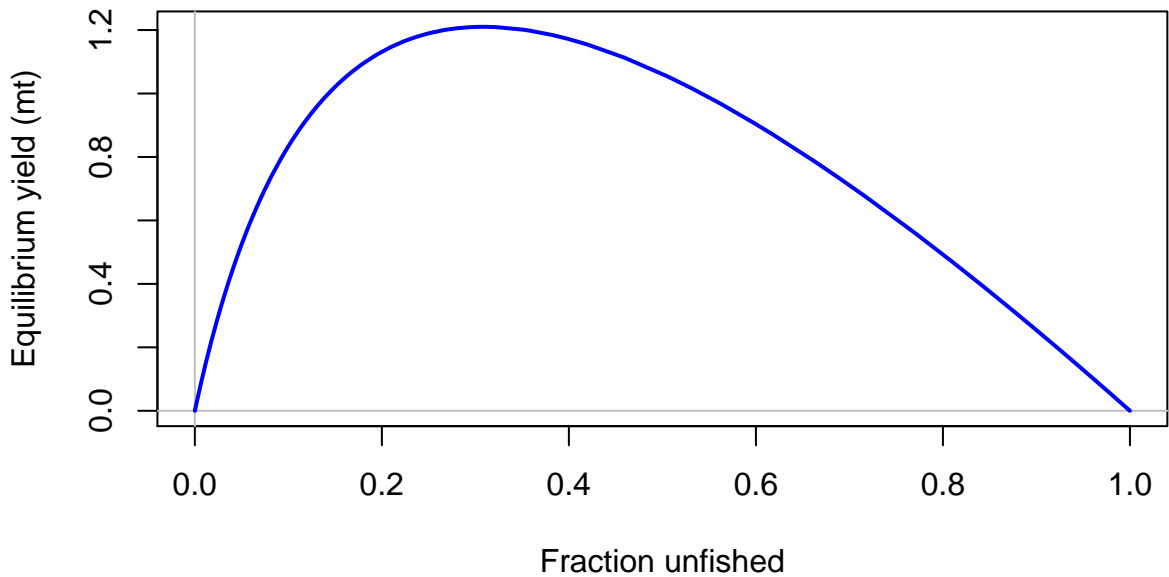


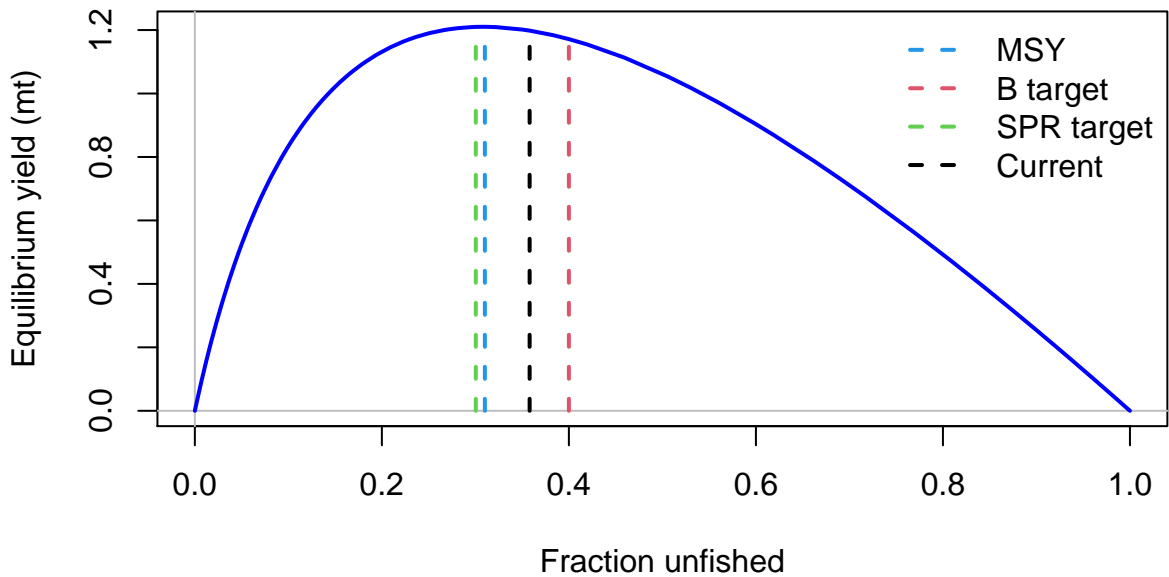
Effective sample size

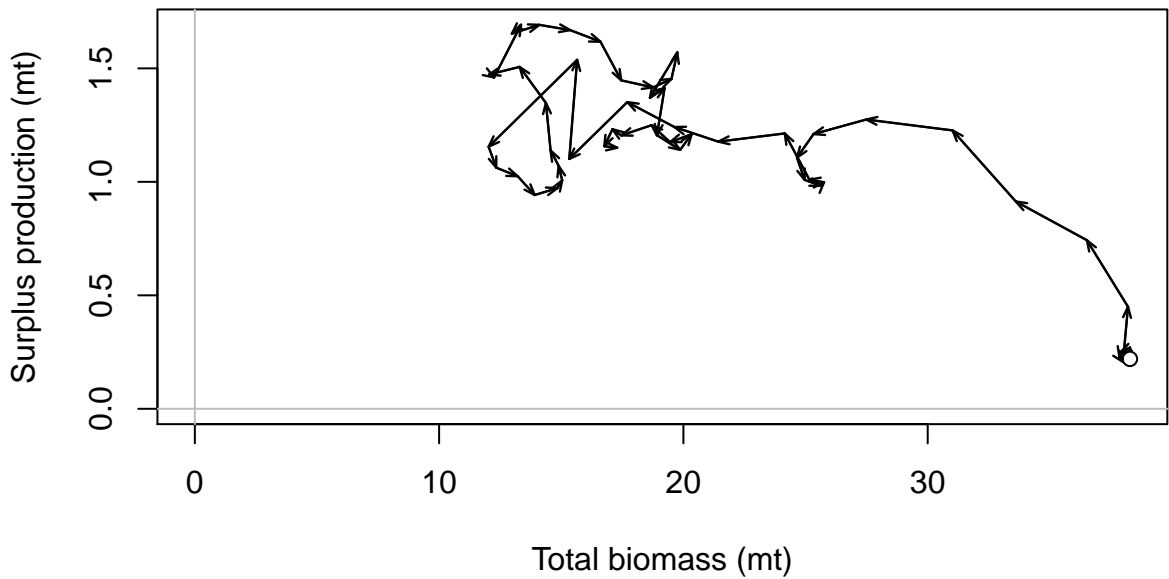


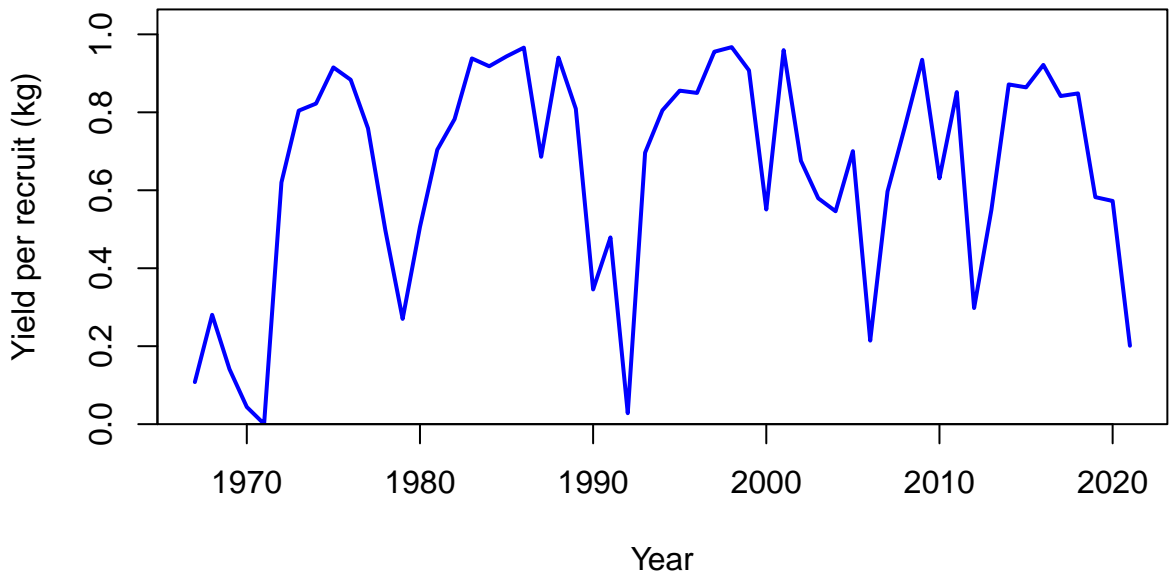
FISHERY (whole catch)

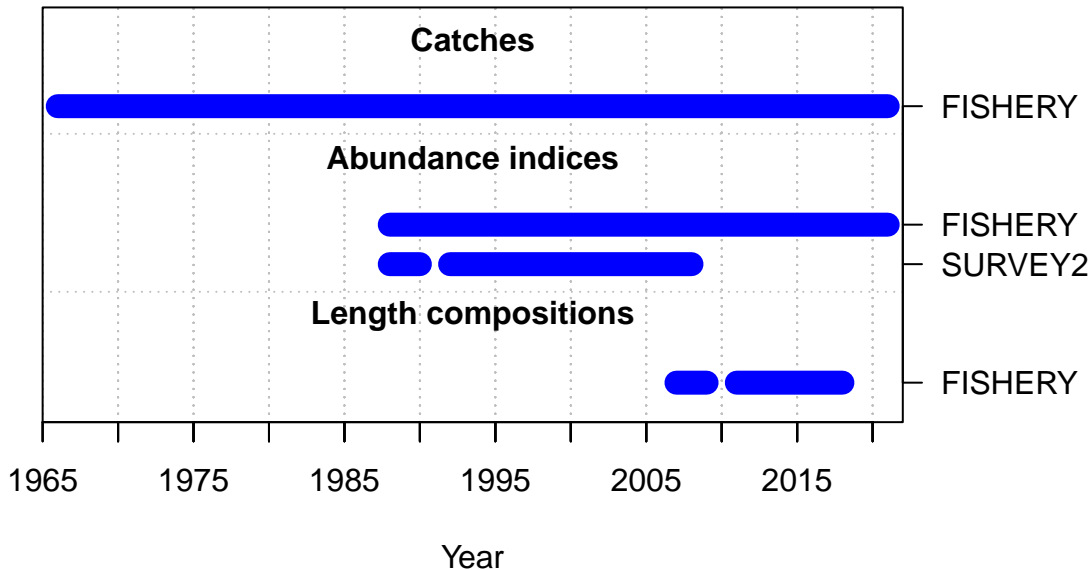


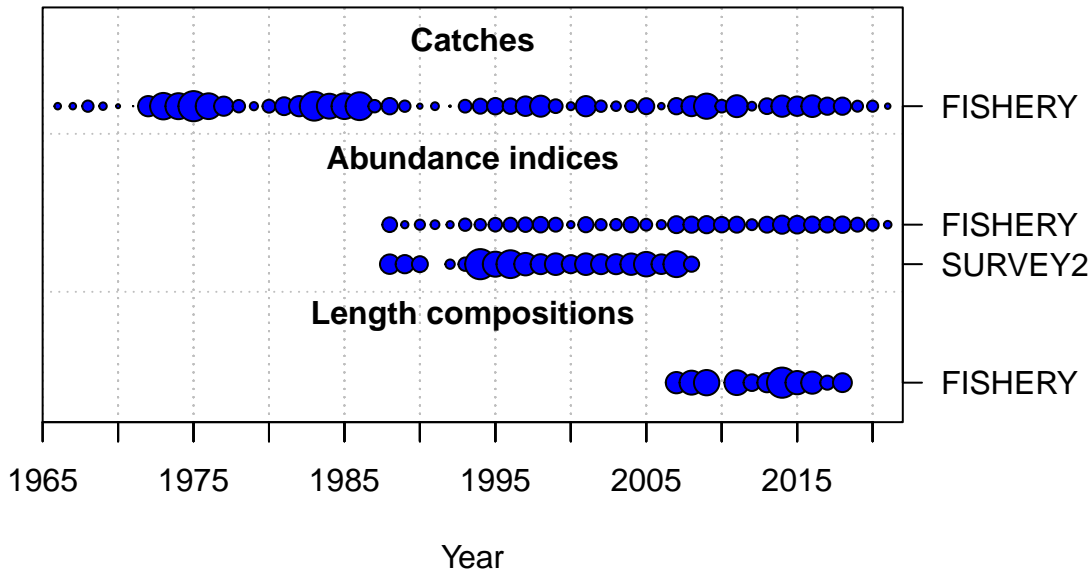






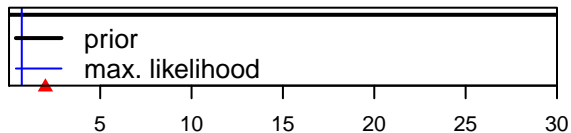




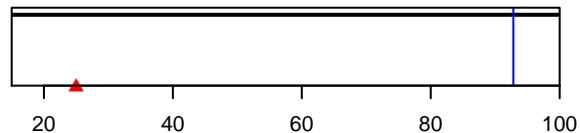


Density

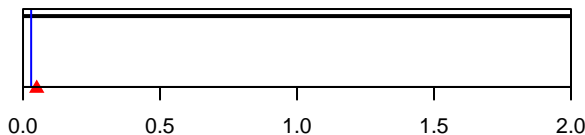
SR_LN(R0)



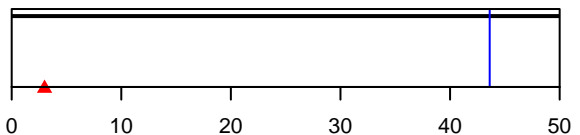
Size_inflection_FISHERY(1)



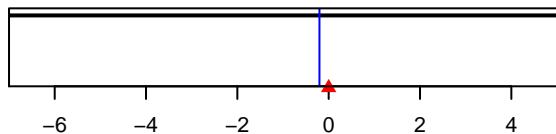
InitF_seas_1_flt_1FISHERY



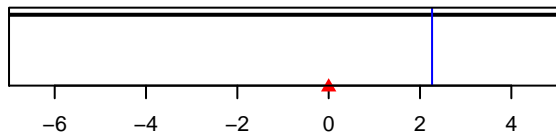
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)



Parameter value