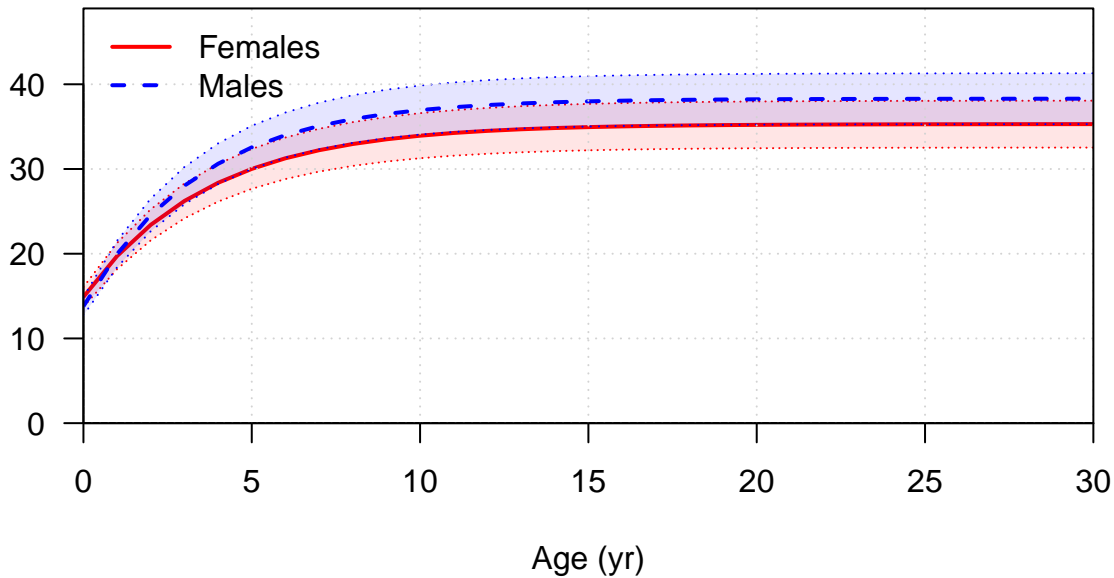
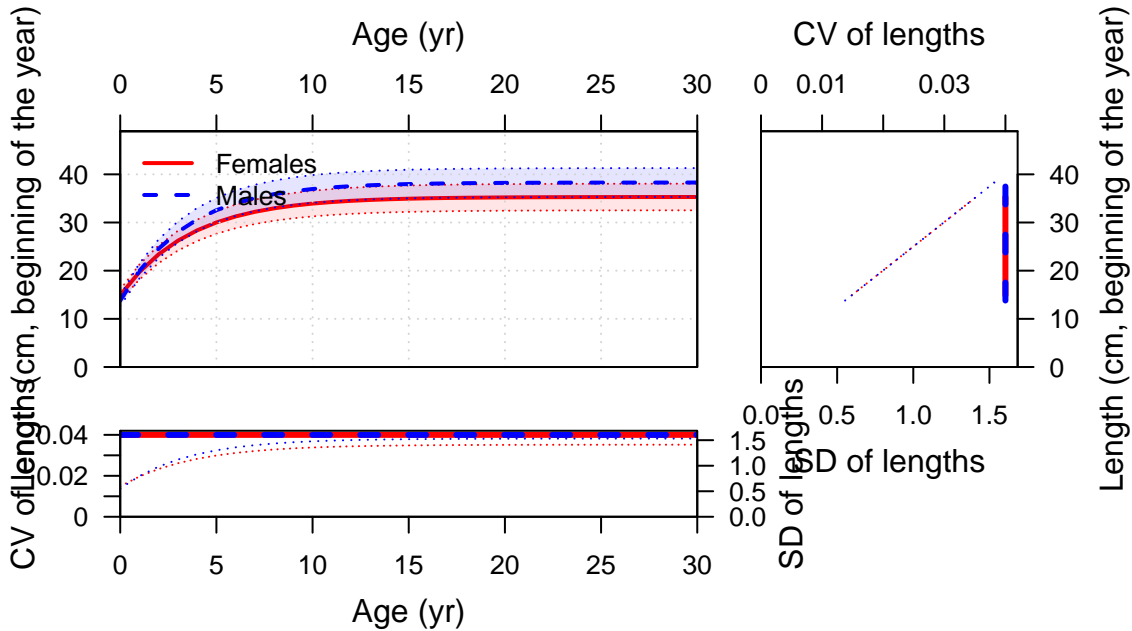
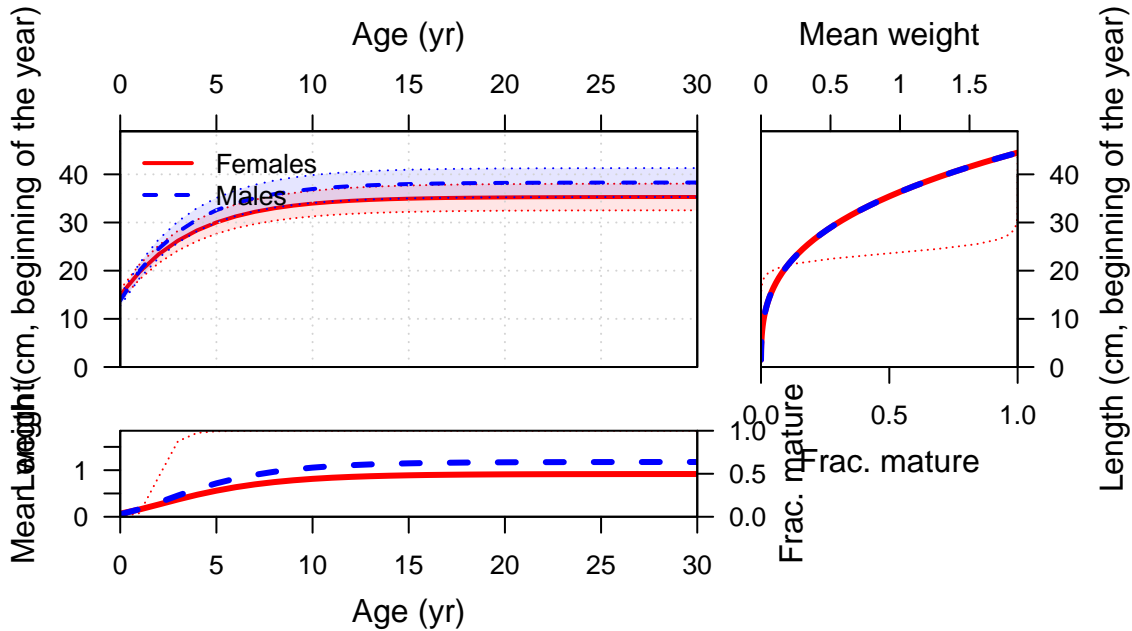


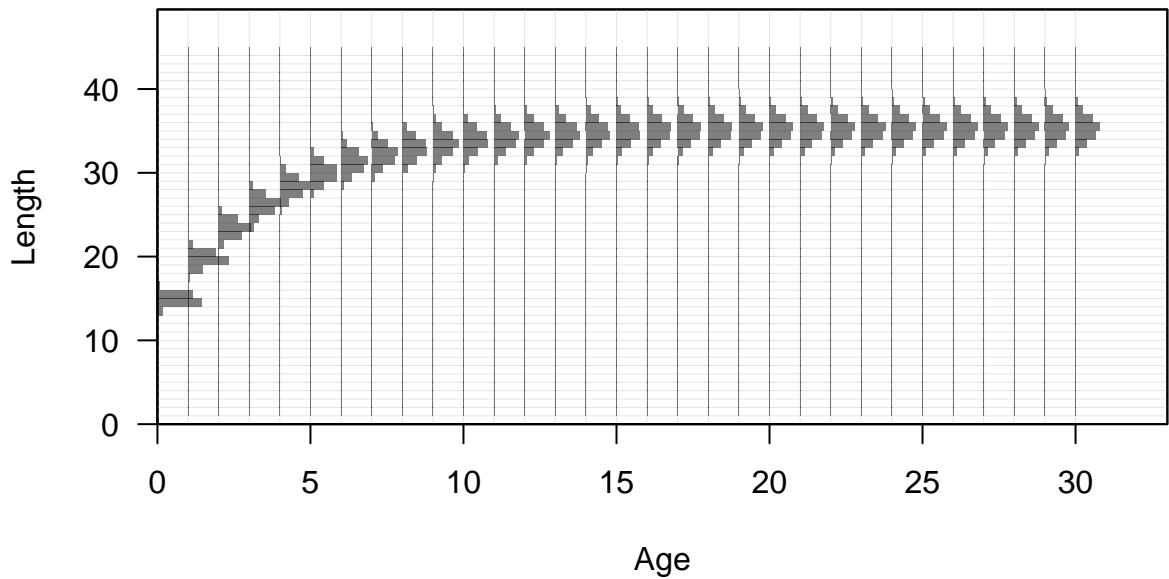
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Fri Aug 05 11:38:55 2022
Data_File: data.ss
Control_File: control.ss

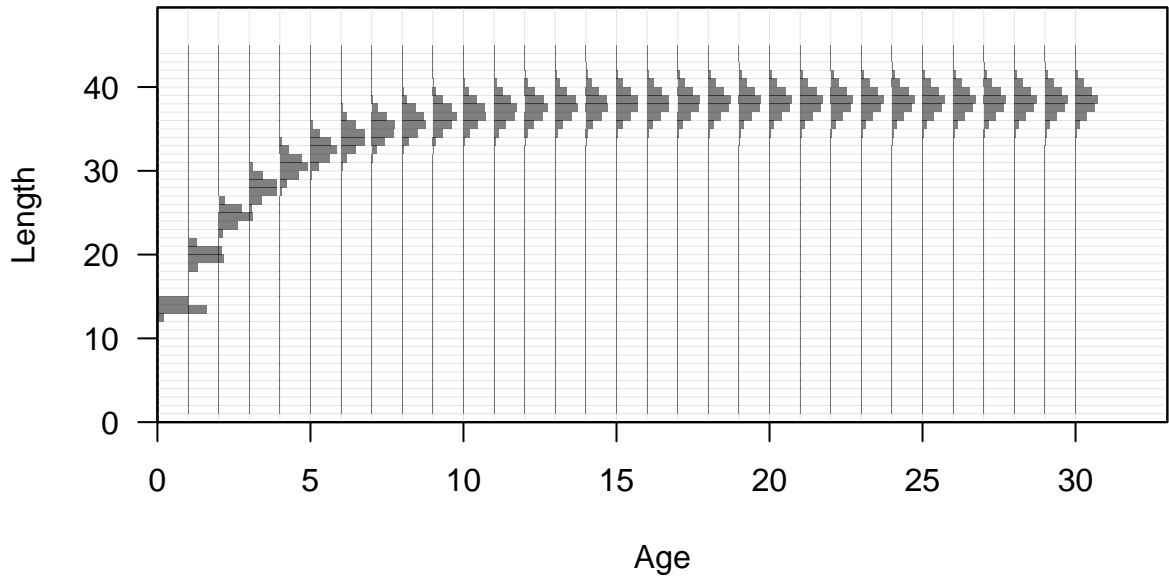
Length (cm, beginning of the year)

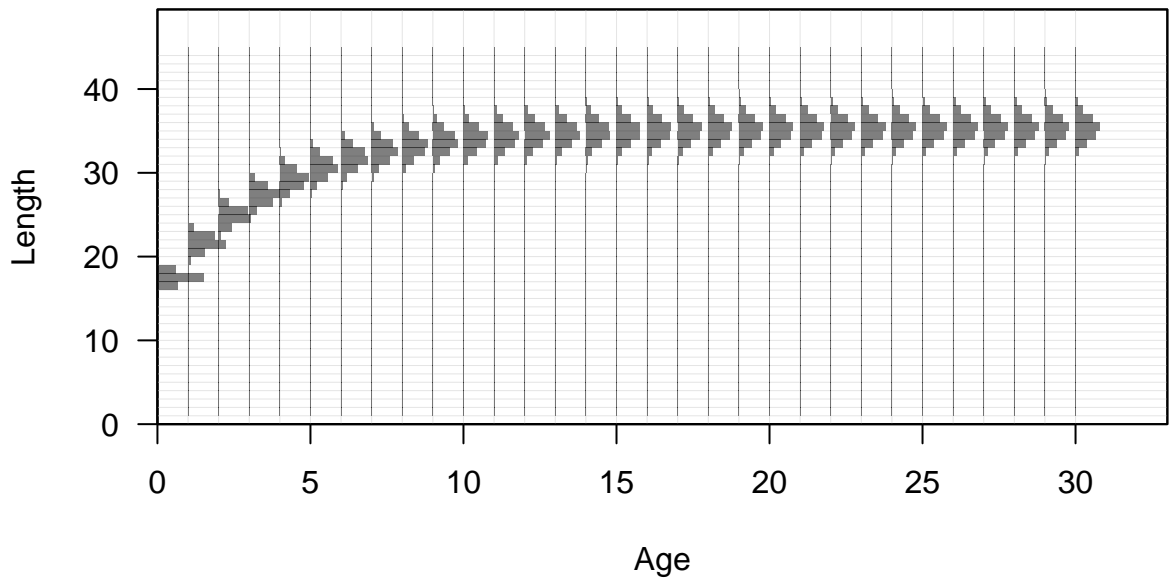


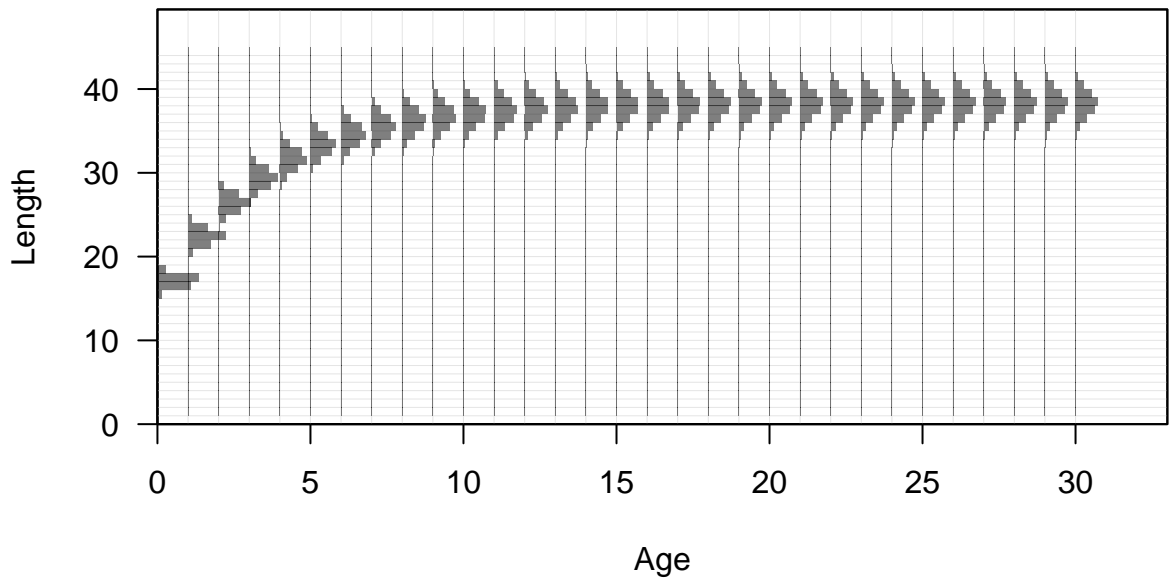














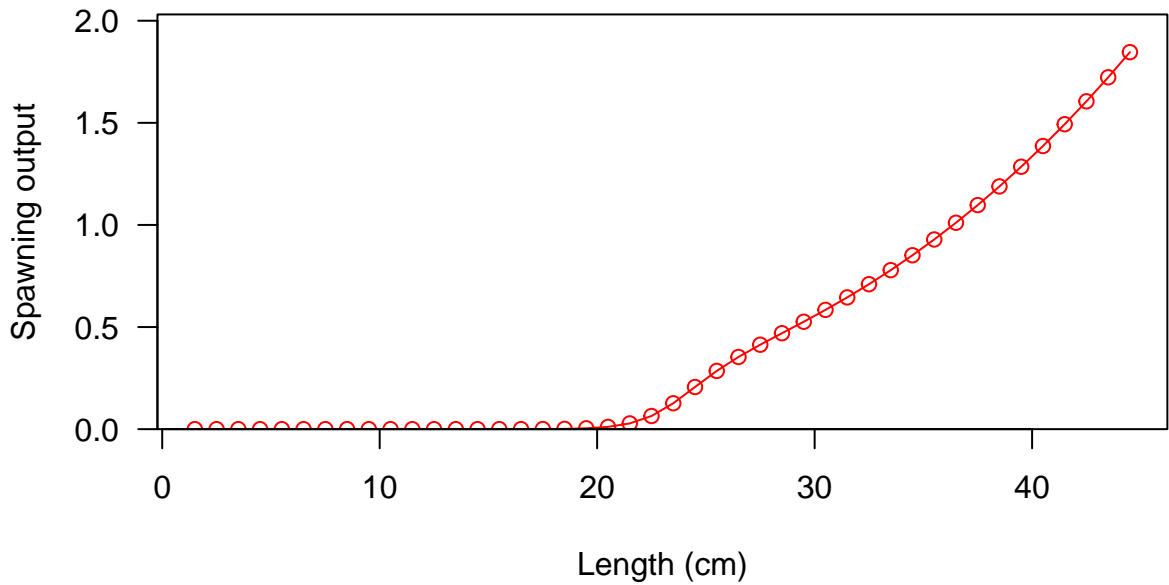


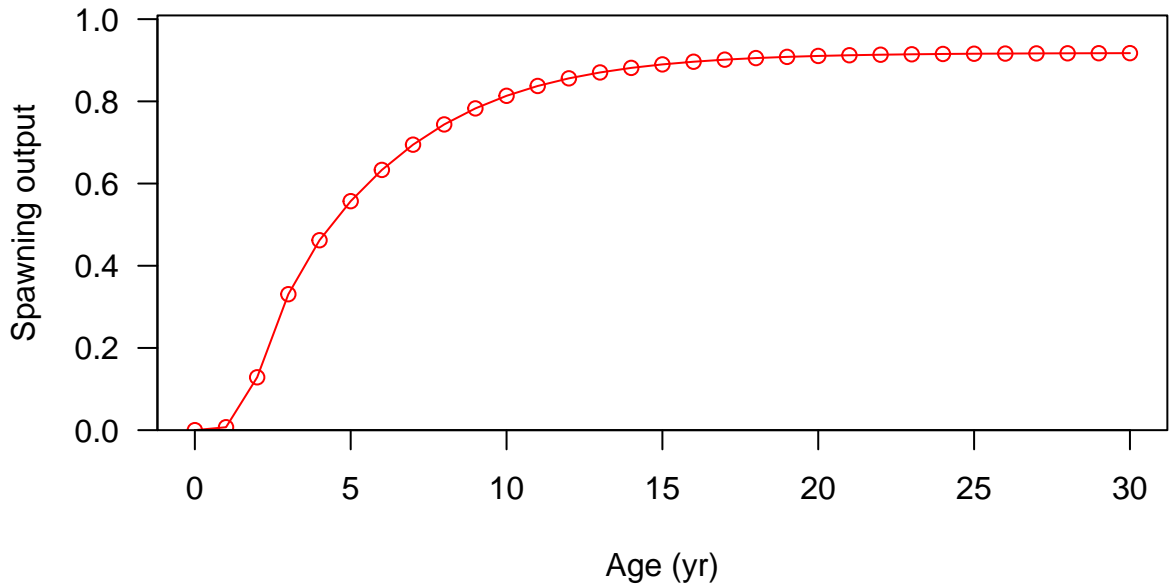




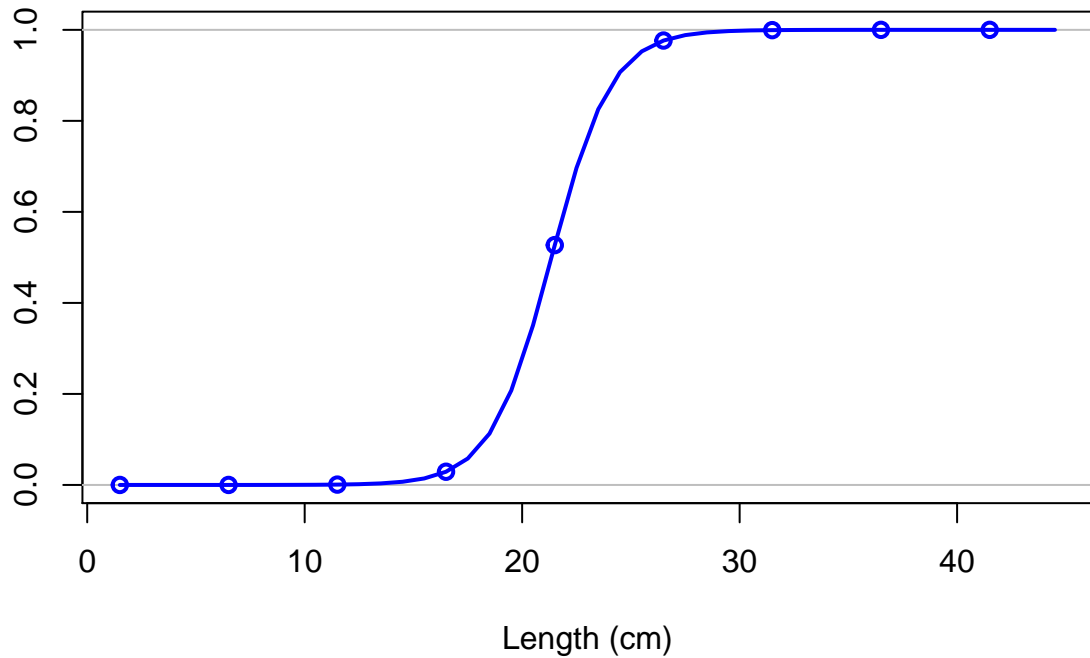




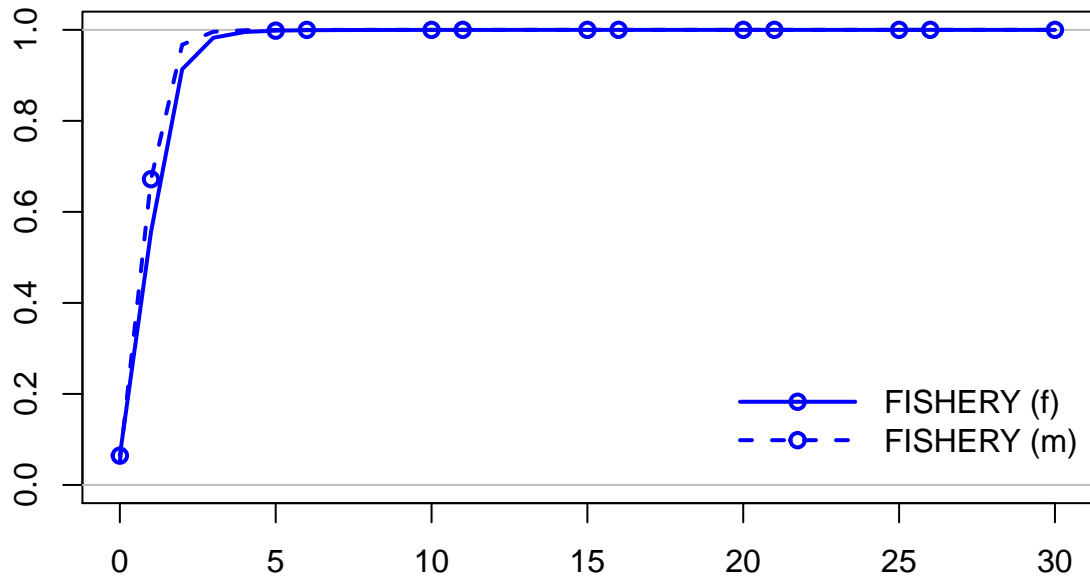




Selectivity



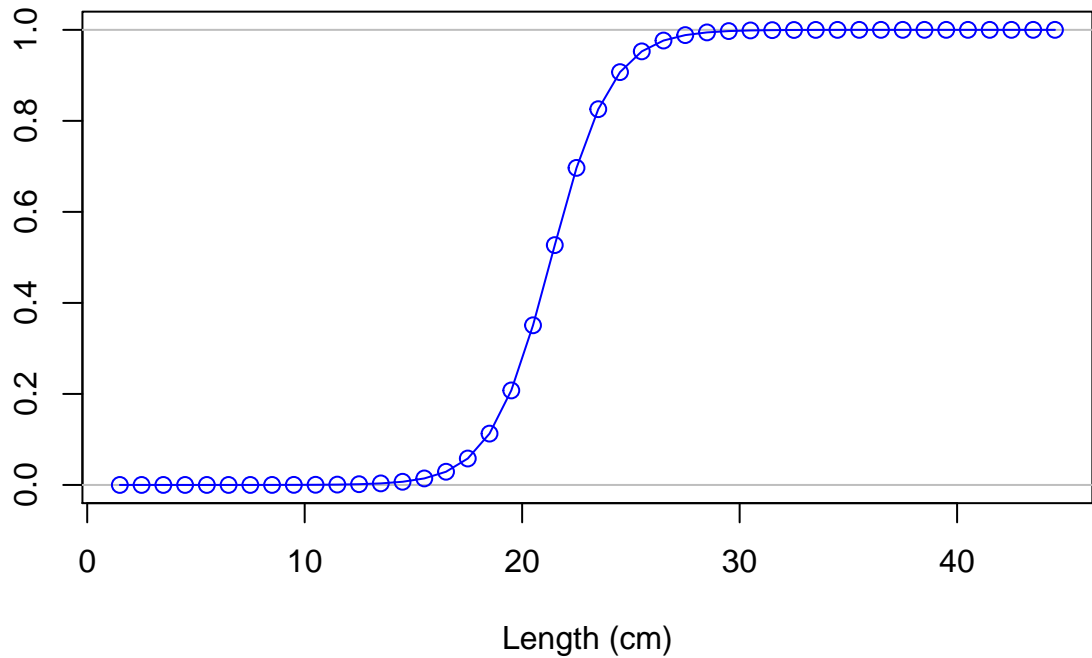
Selectivity



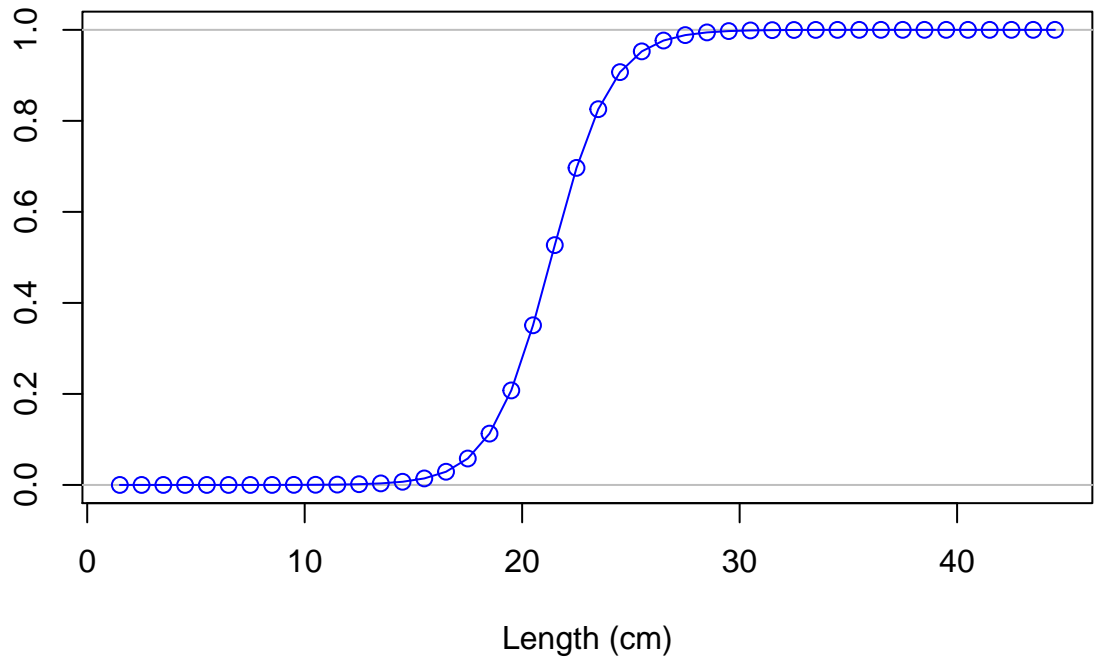
Age (yr)

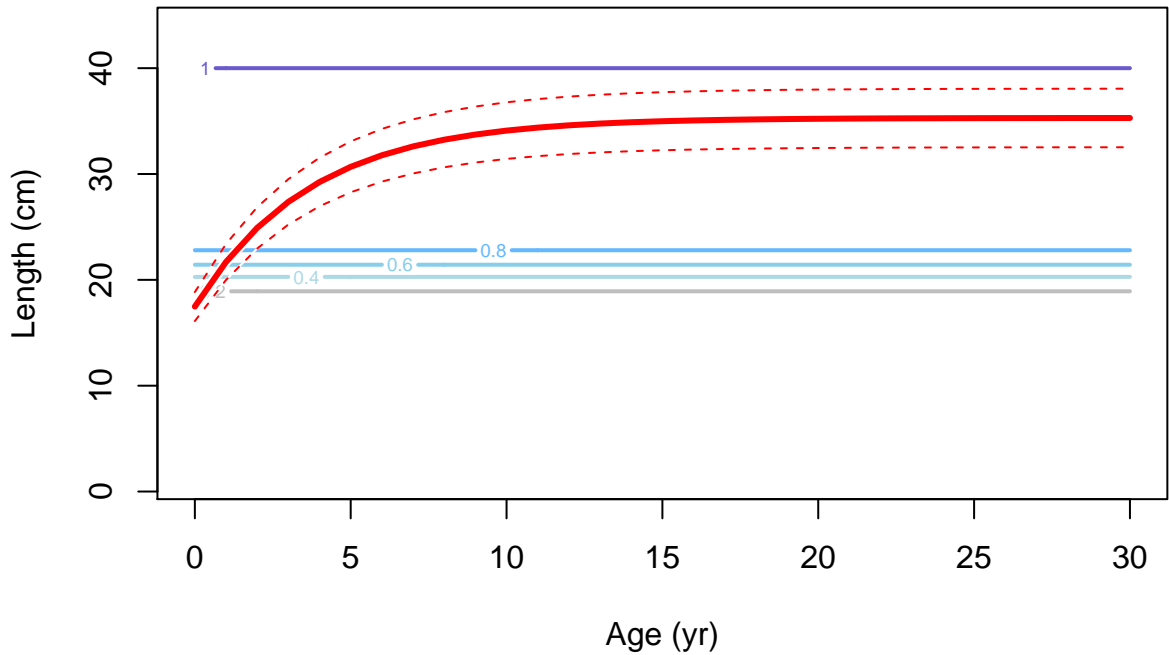
FISHERY (f)
FISHERY (m)

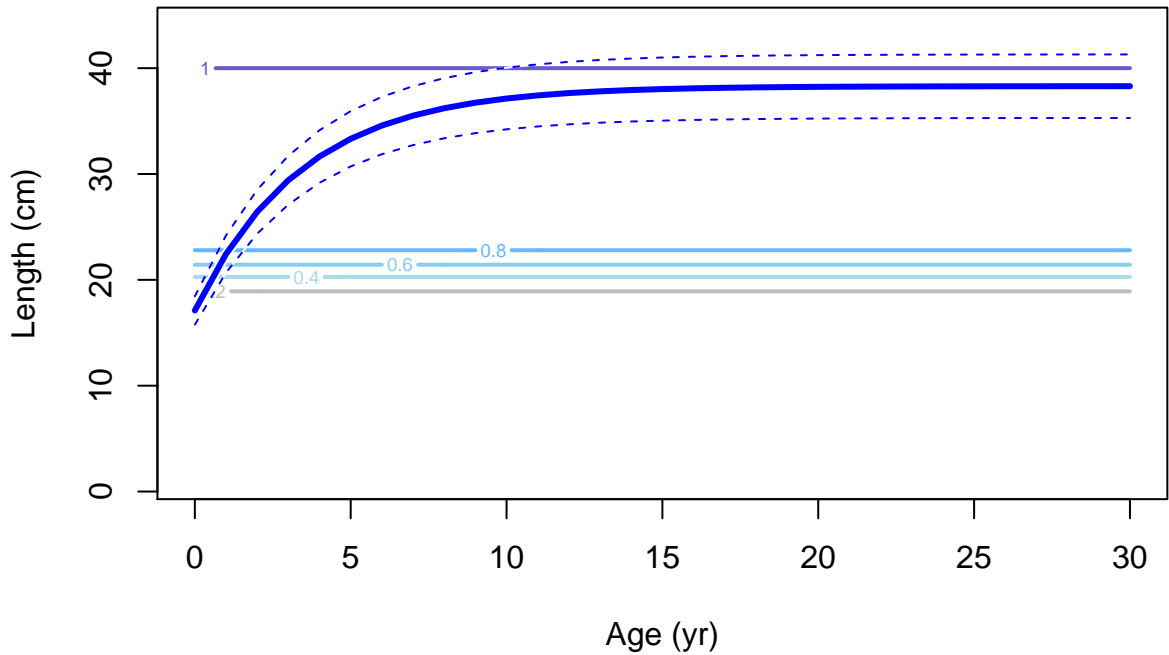
Selectivity

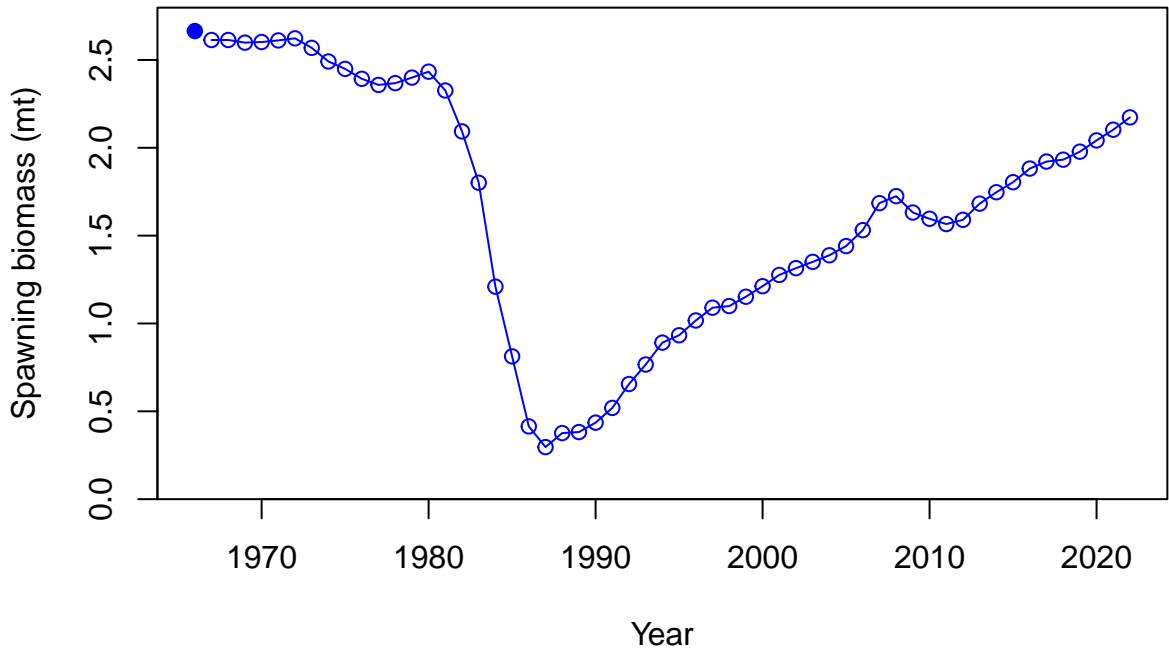


Selectivity

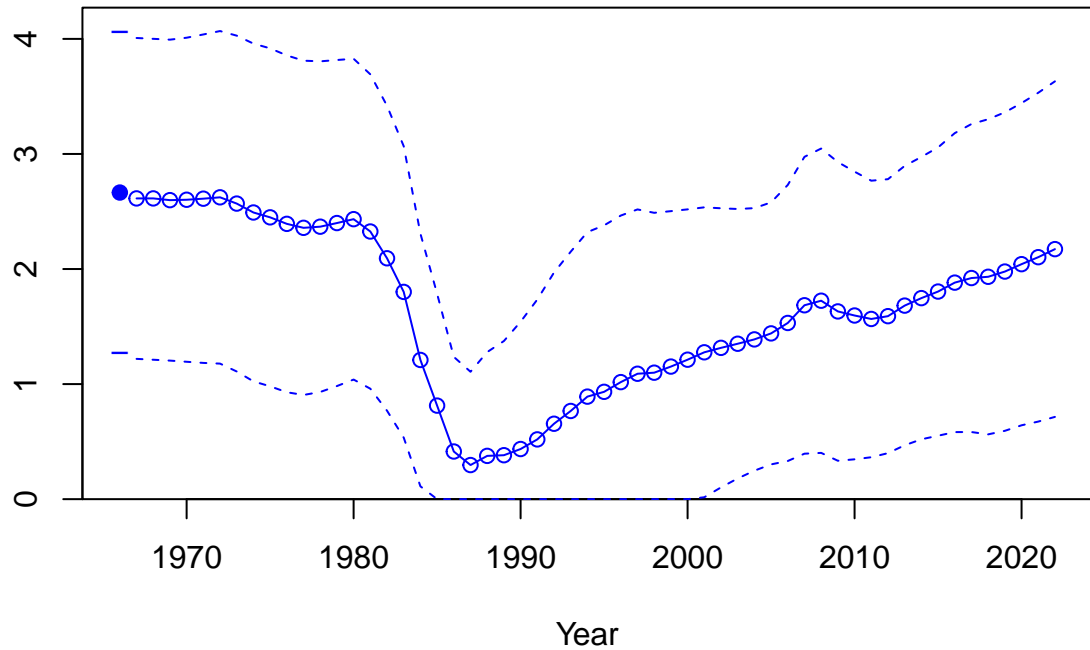




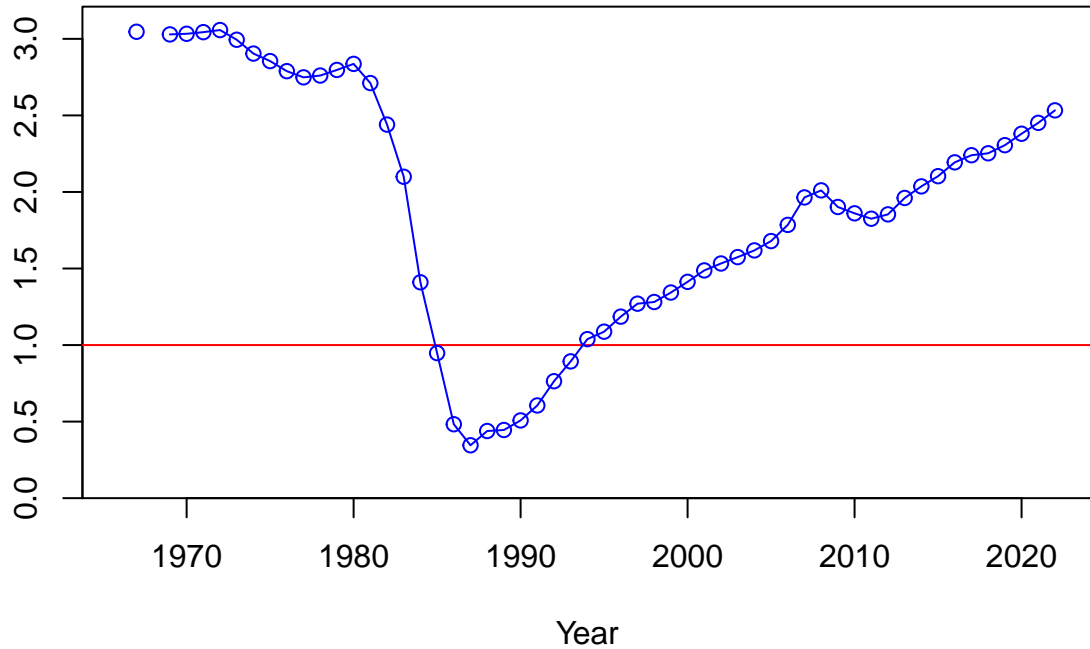




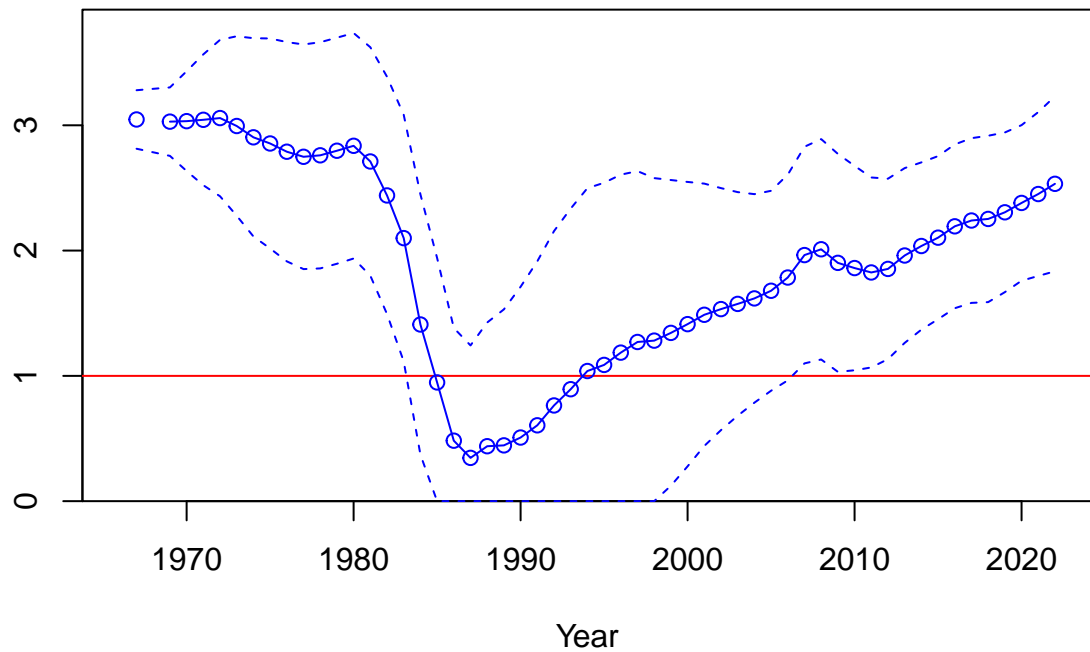
Spawning biomass (mt)

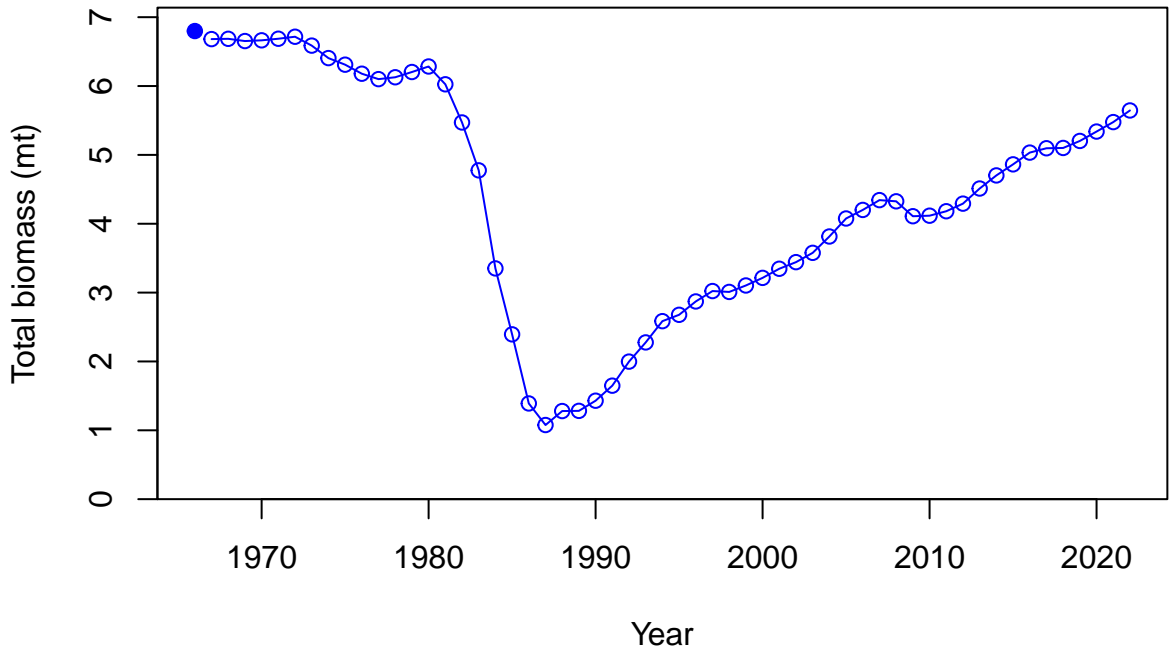


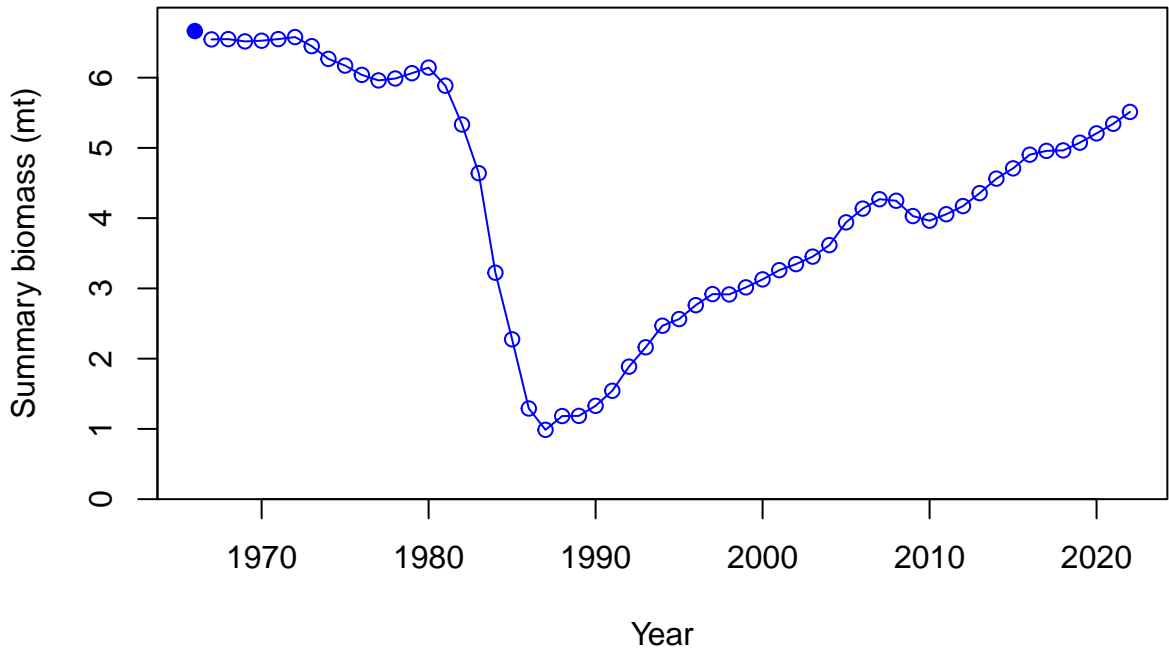
Relative spawning biomass: B/B_{MSY}



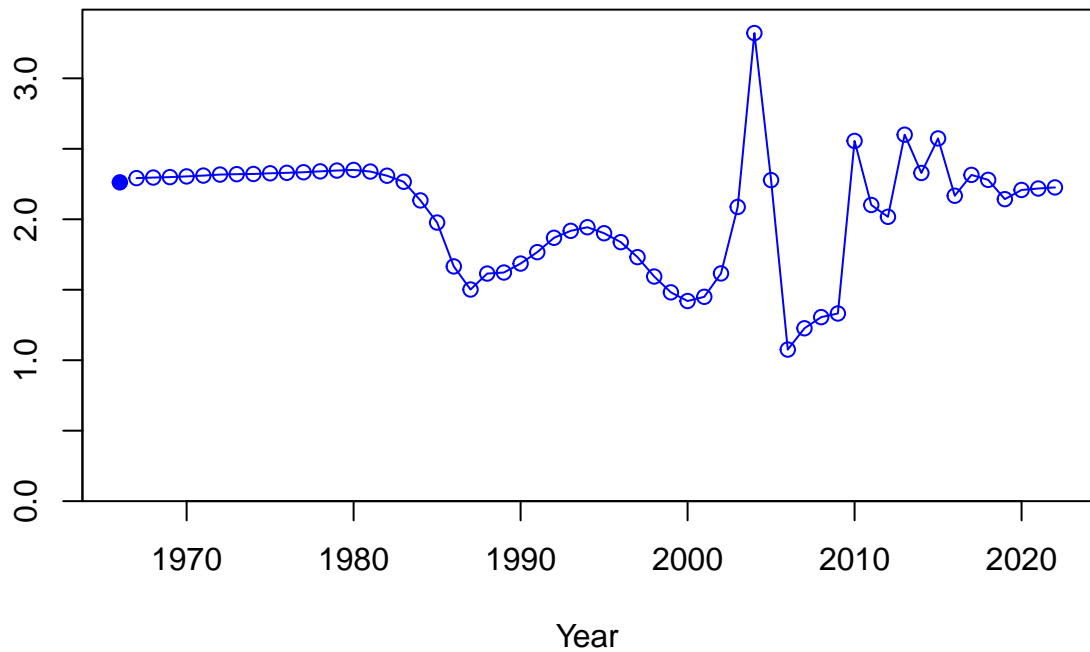
Relative spawning biomass: B/B_{MSY}



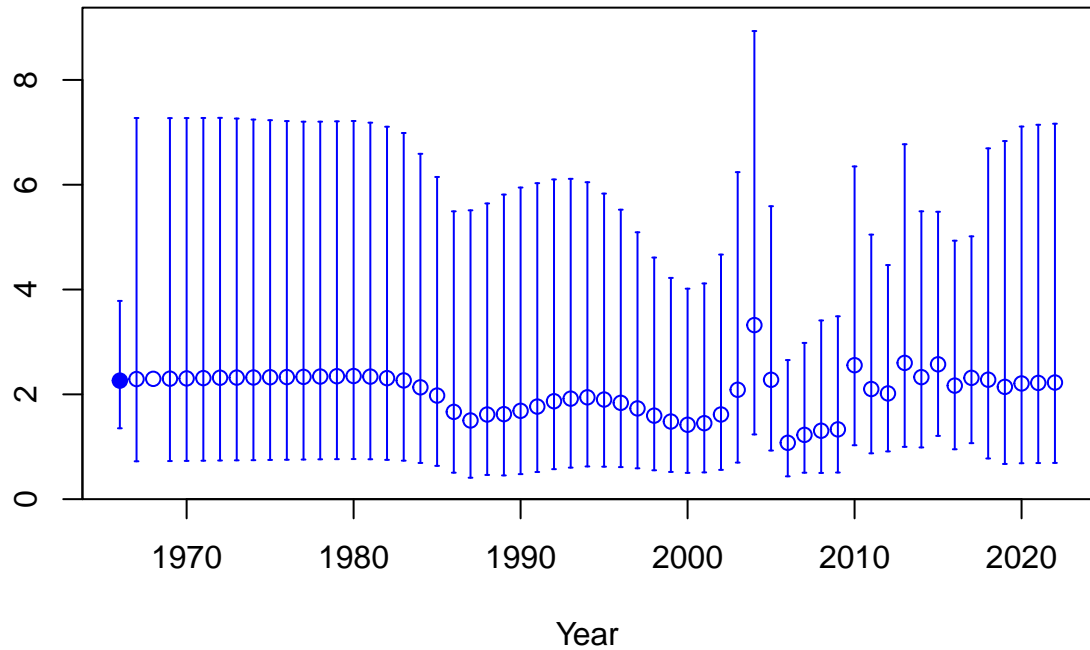




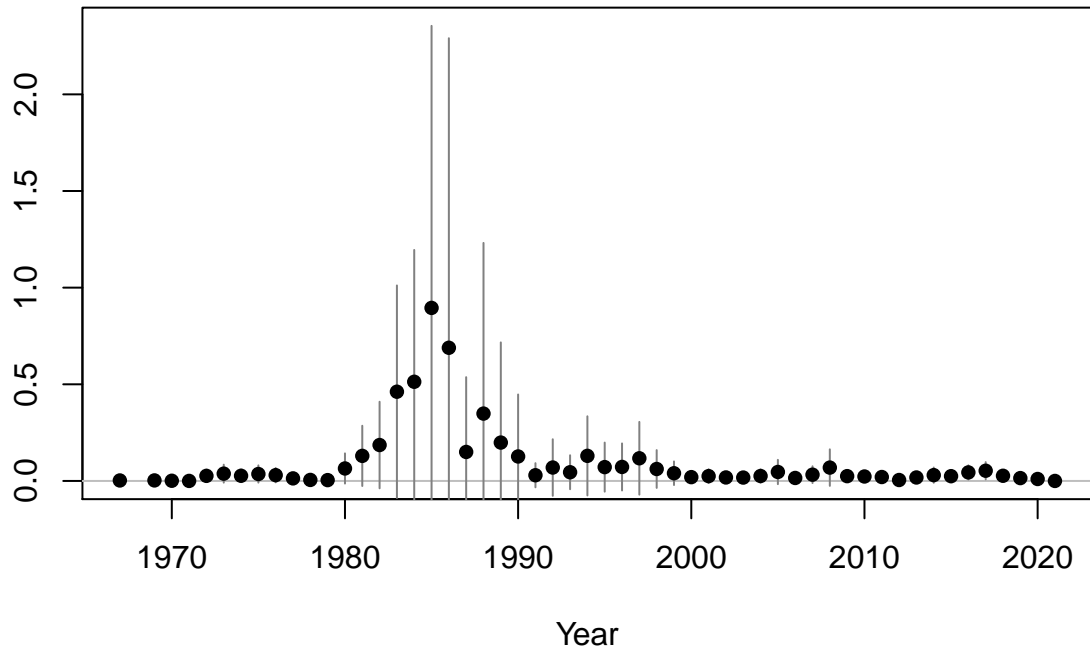
Age-0 recruits (1,000s)

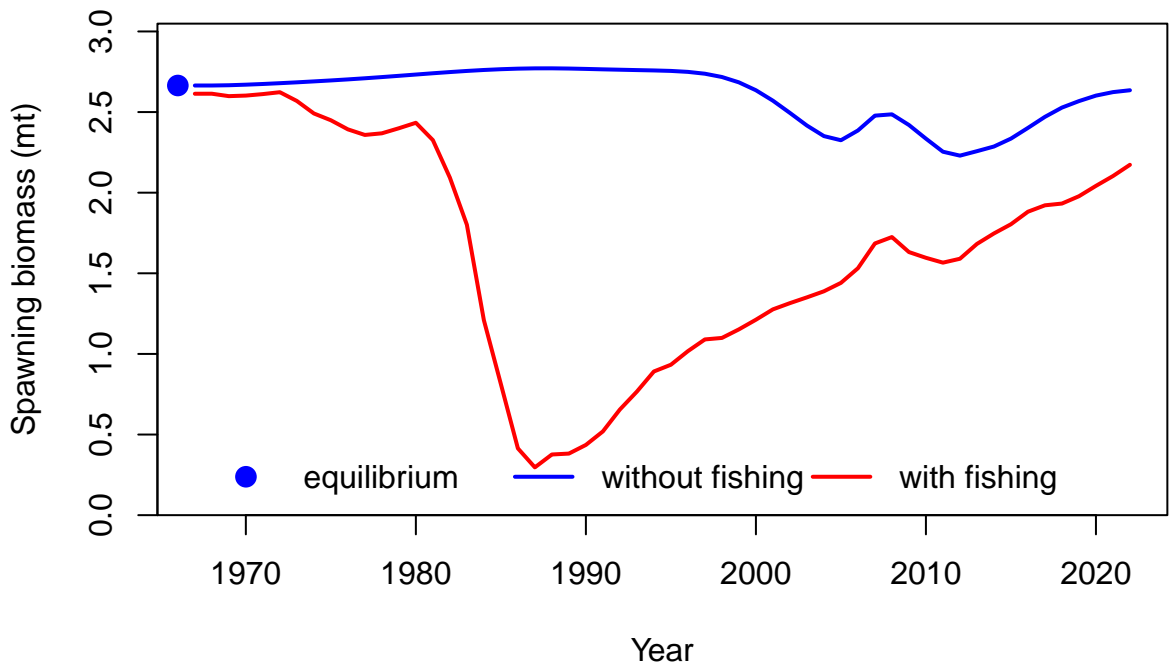


Age-0 recruits (1,000s)

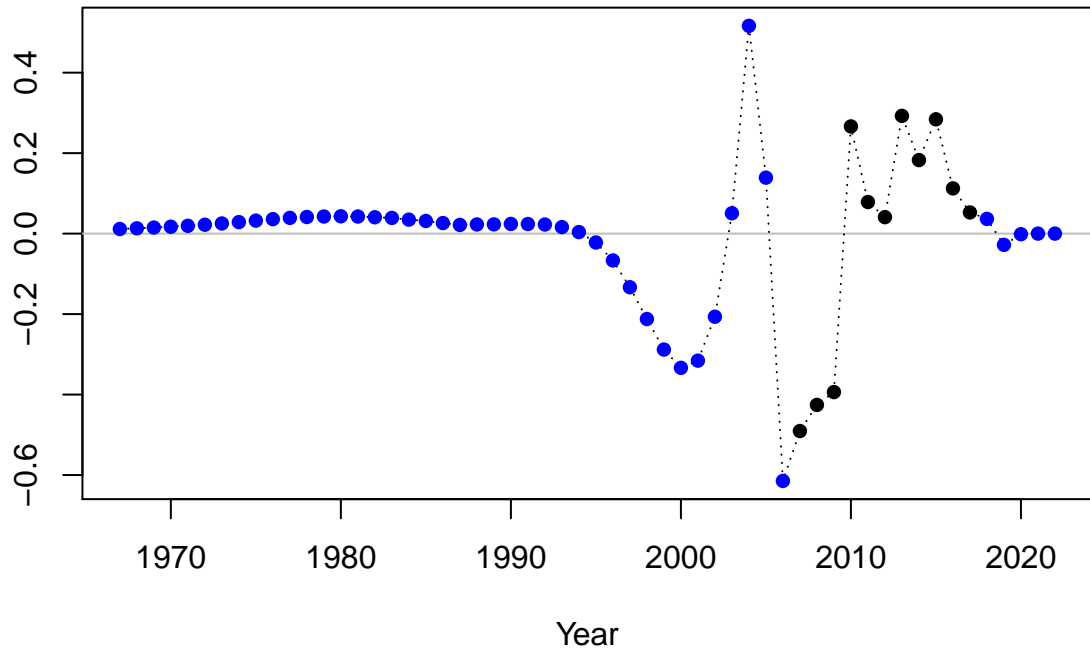


Summary Fishing Mortality

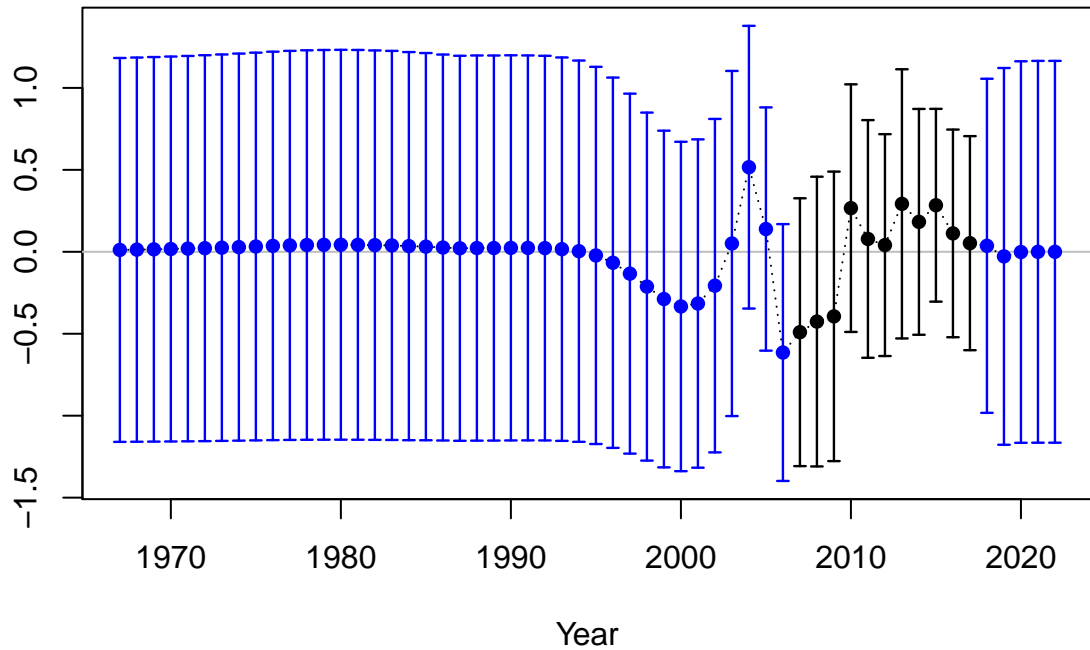




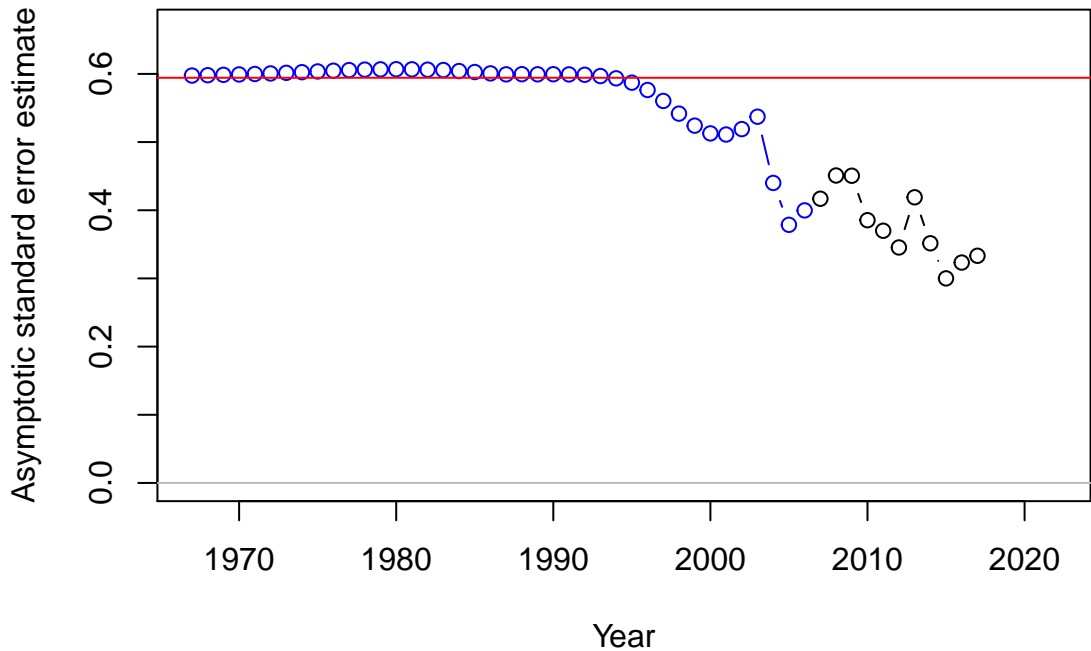
Log recruitment deviation

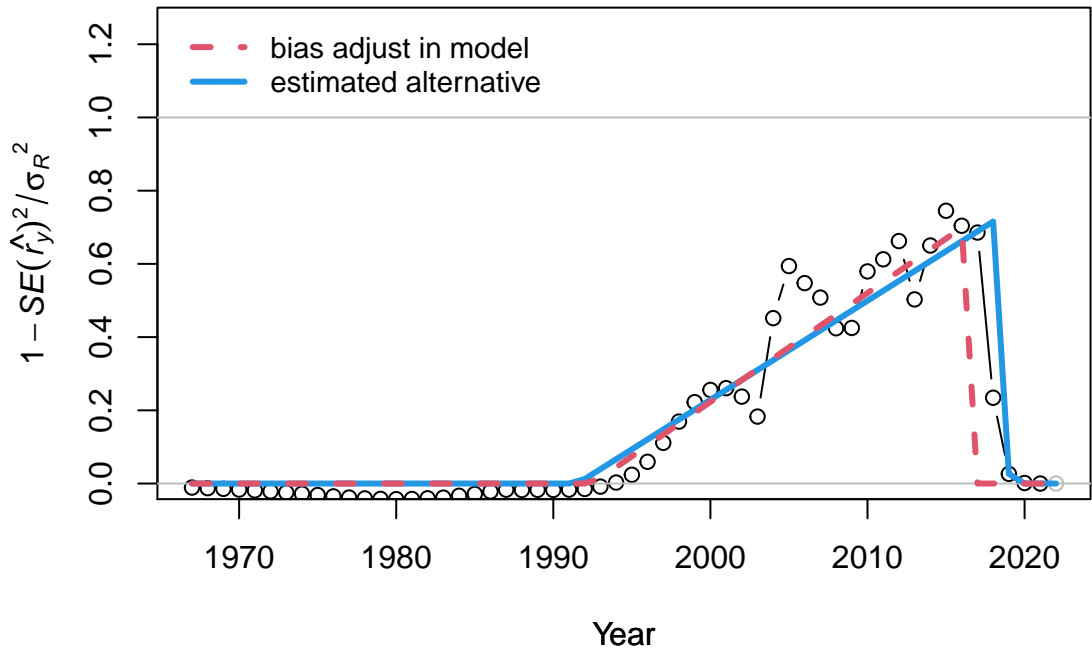


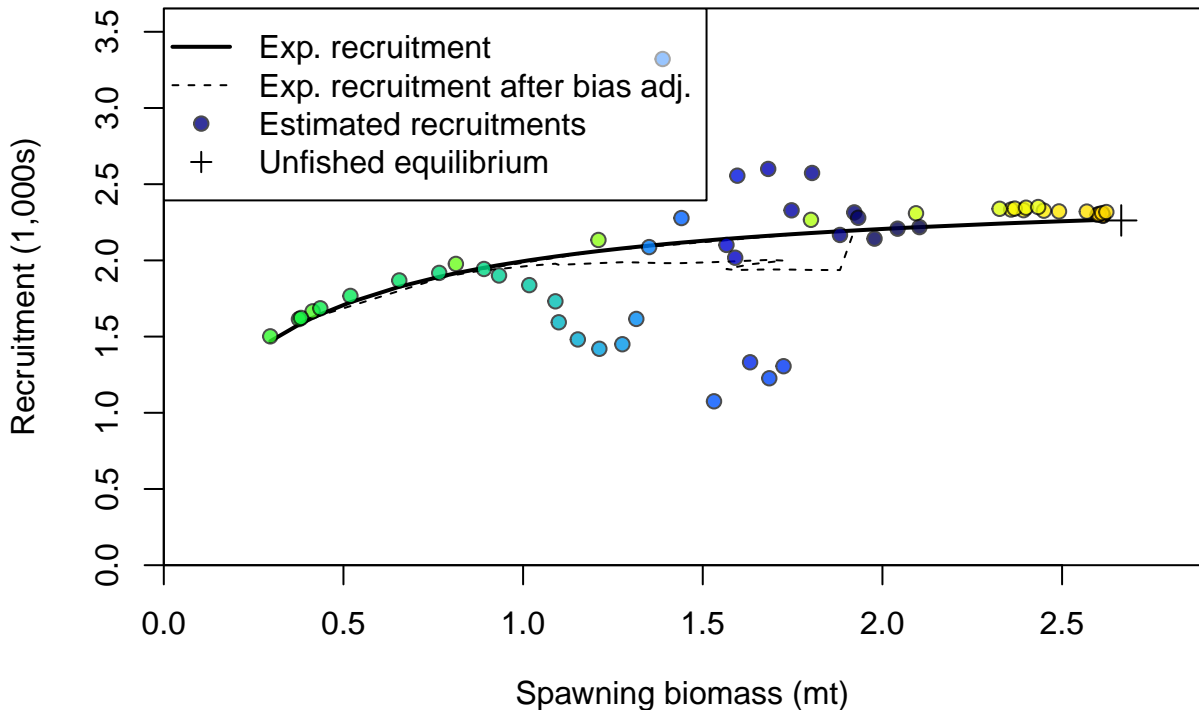
Log recruitment deviation

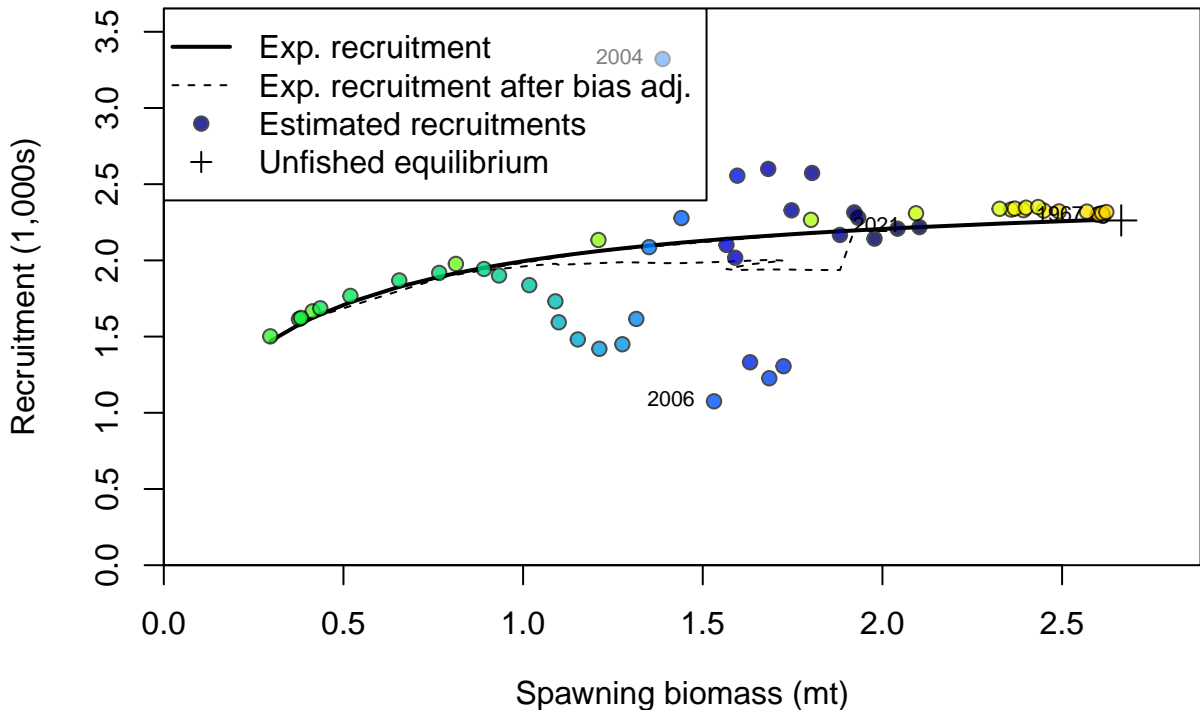


Recruitment deviation variance

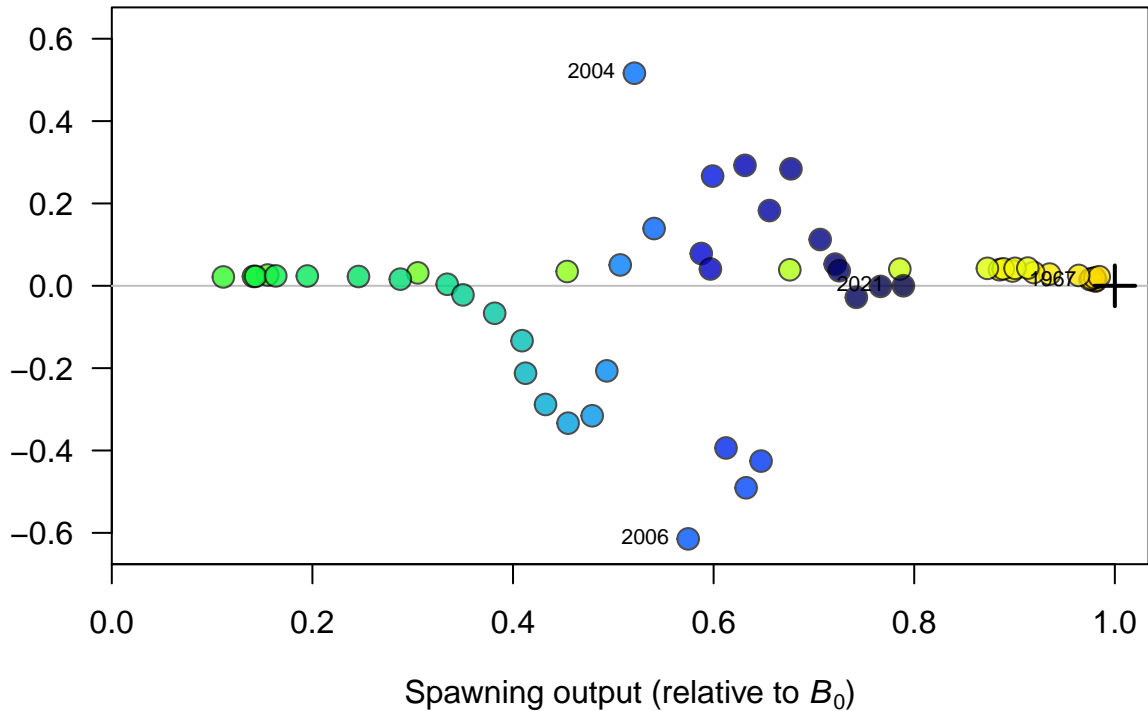


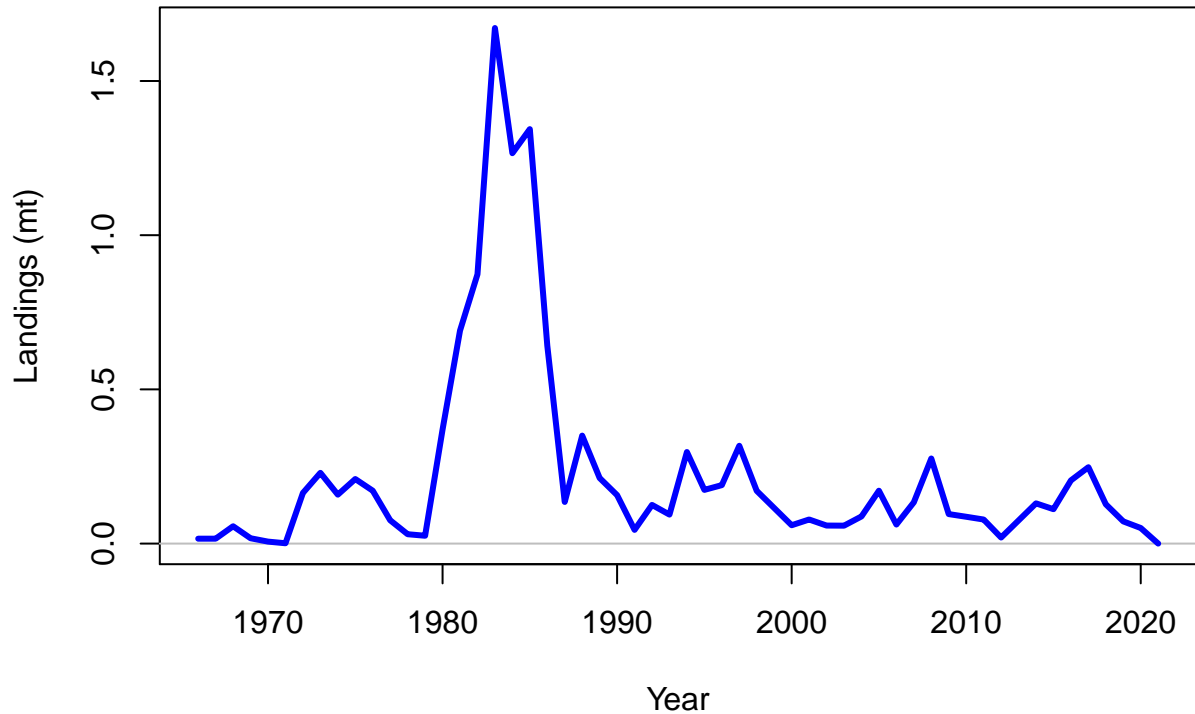


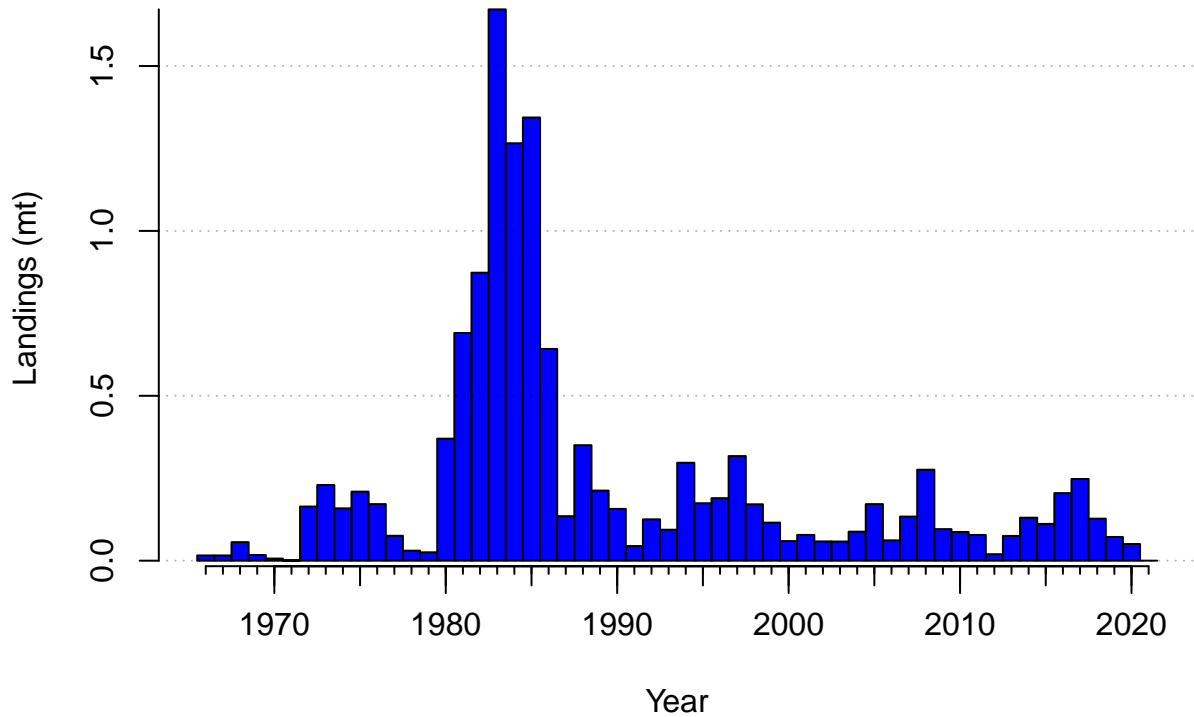


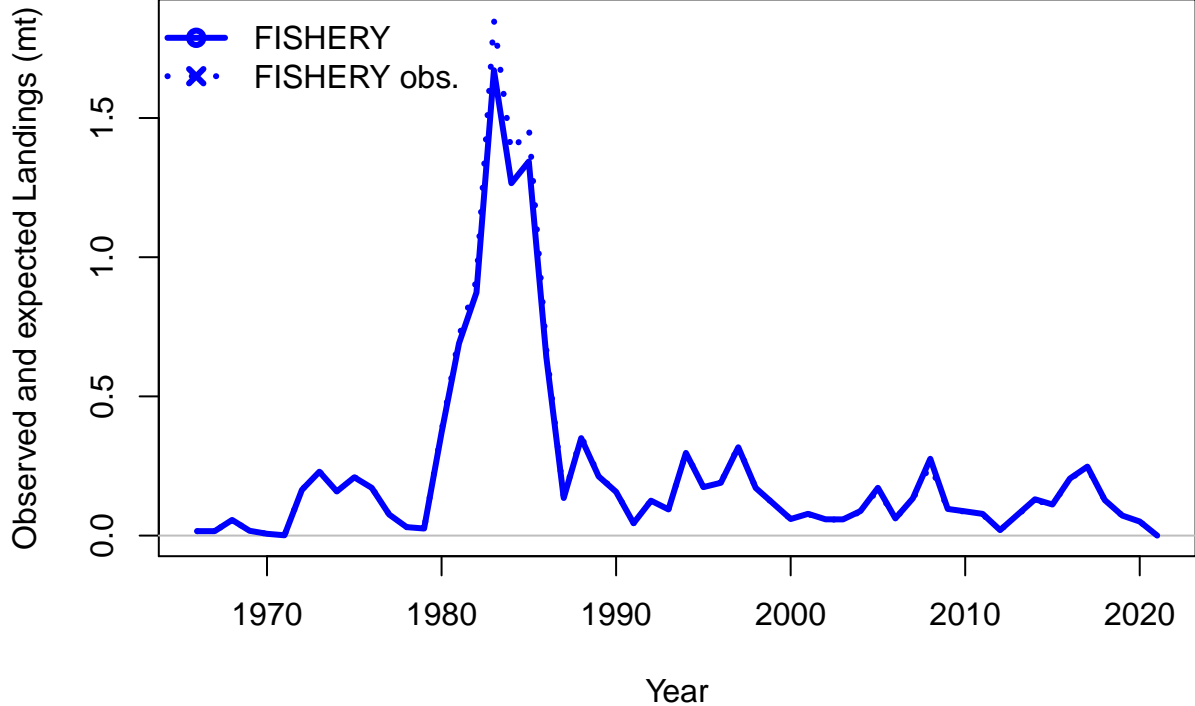


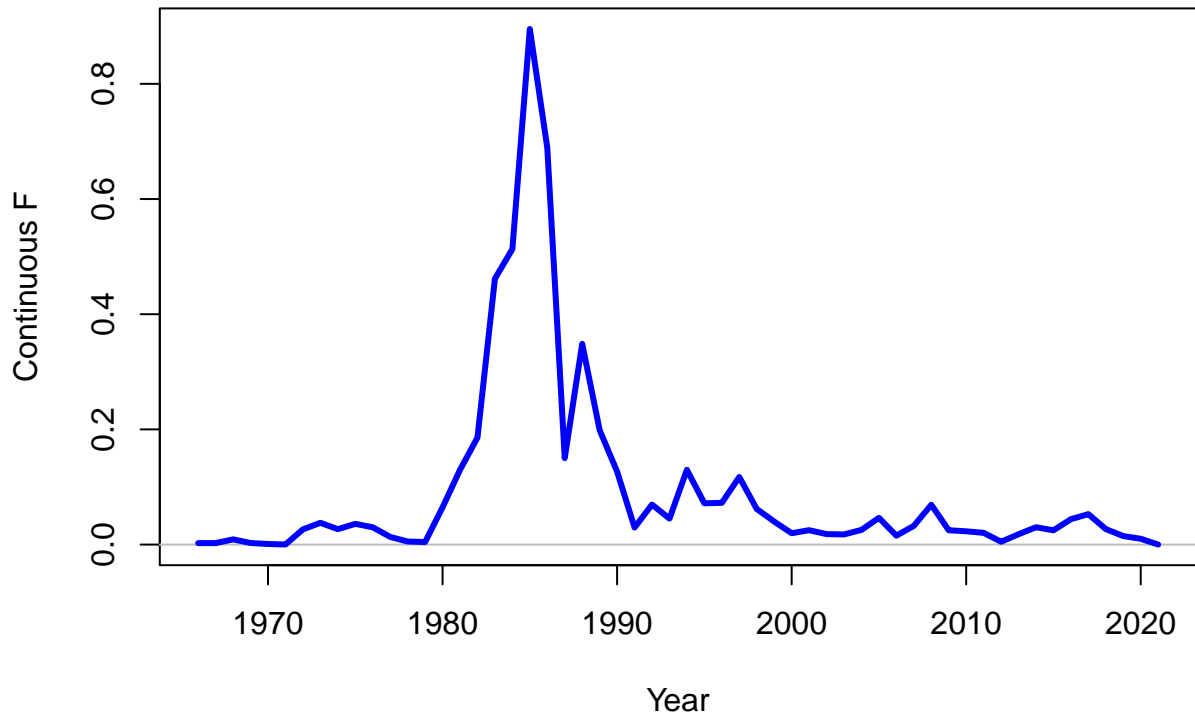
Log recruitment deviation



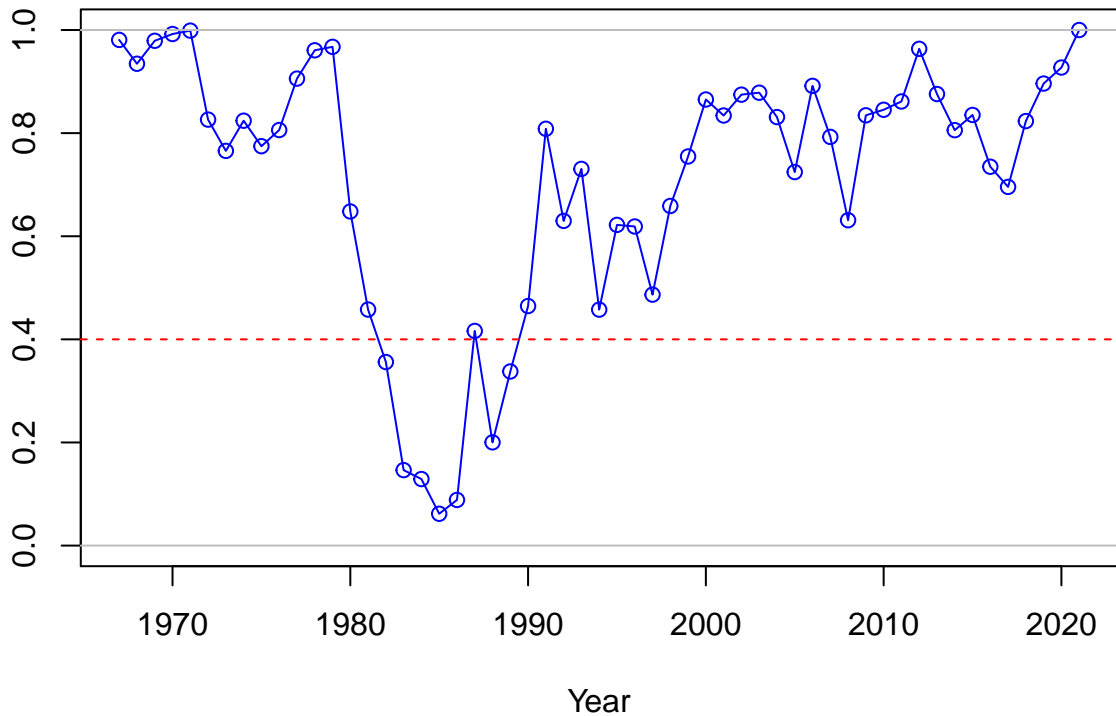




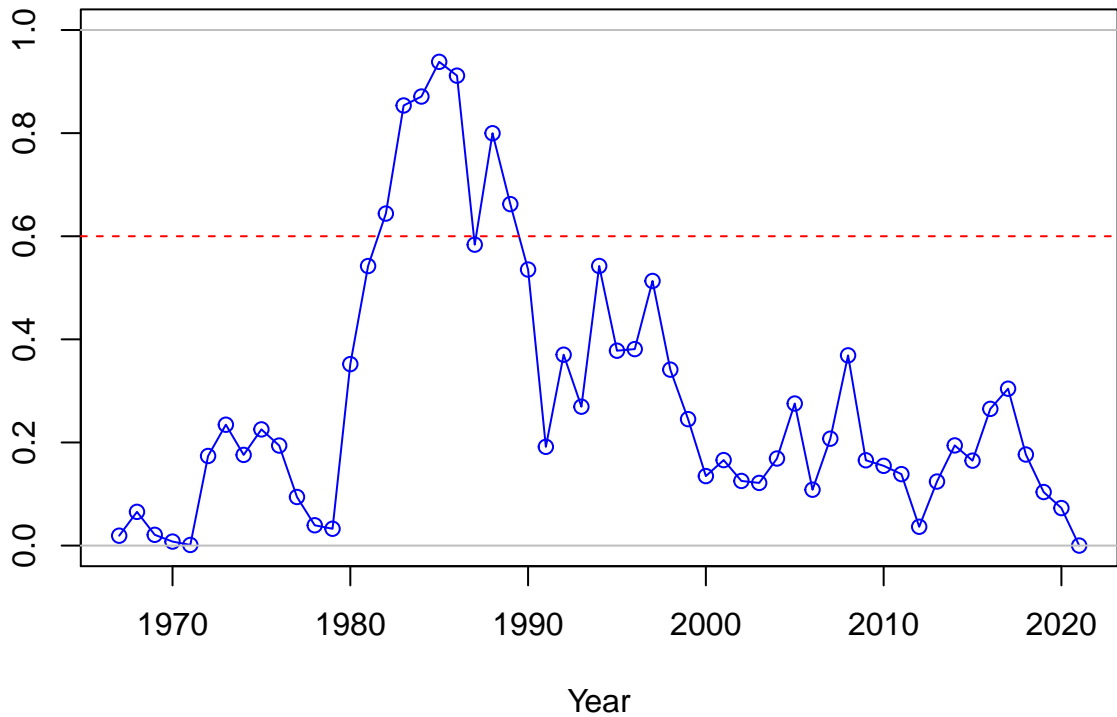




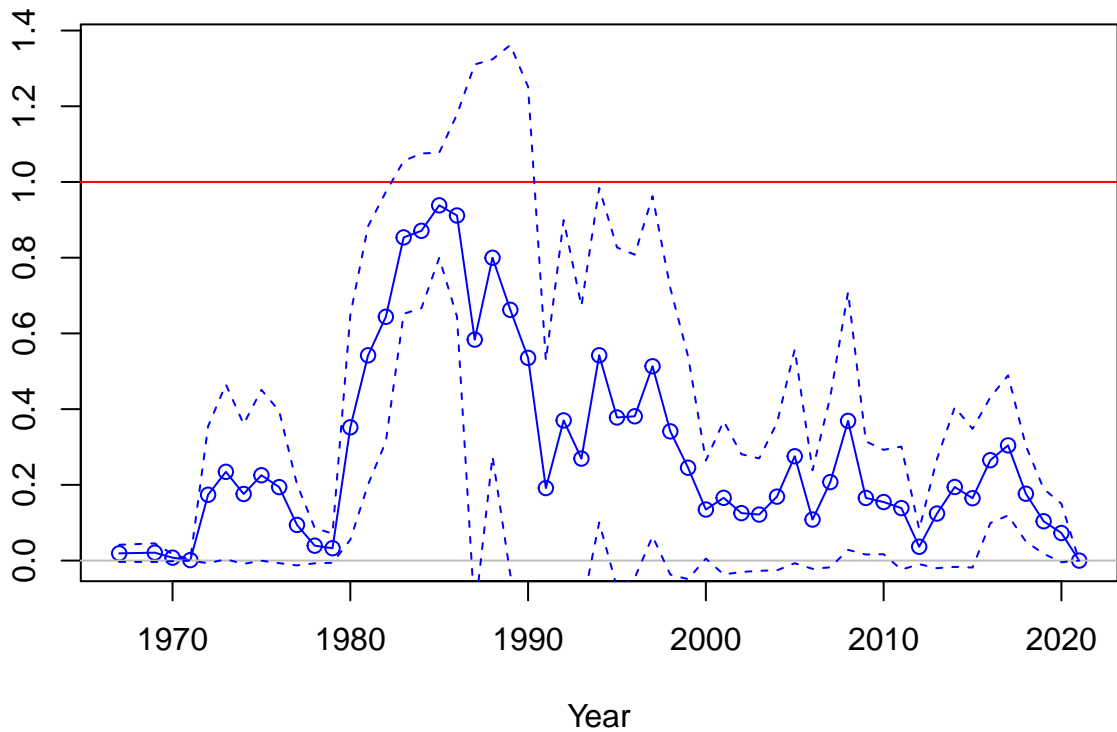
SPR



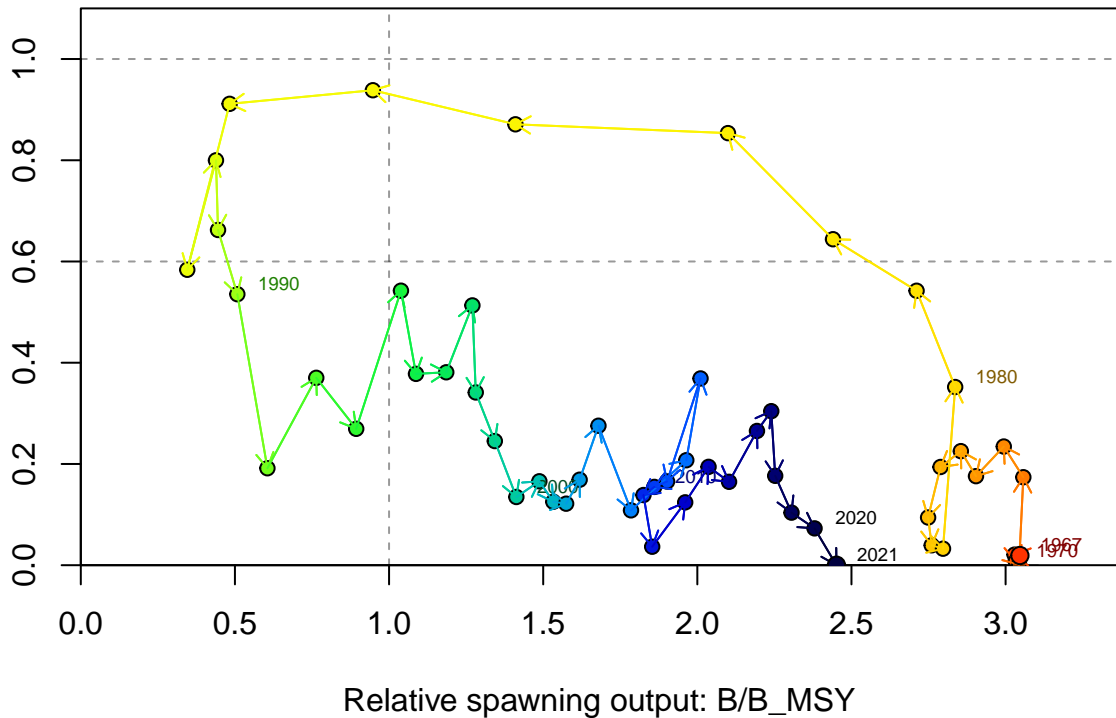
1-SPR



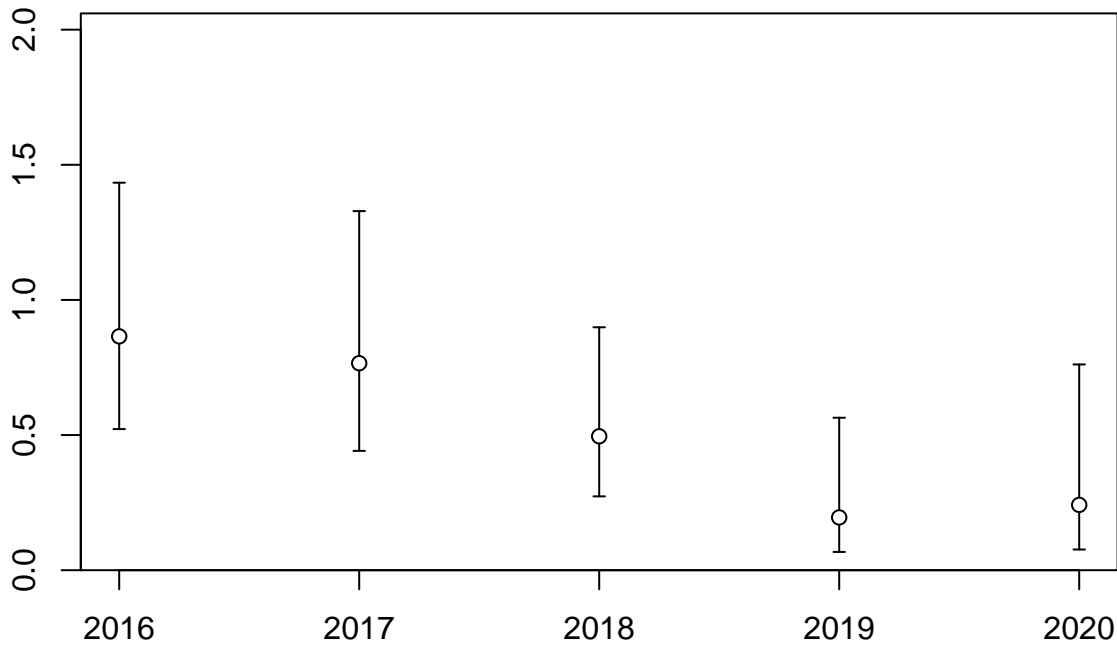
Fishing intensity: 1-SPR



Fishing intensity: 1-SPR

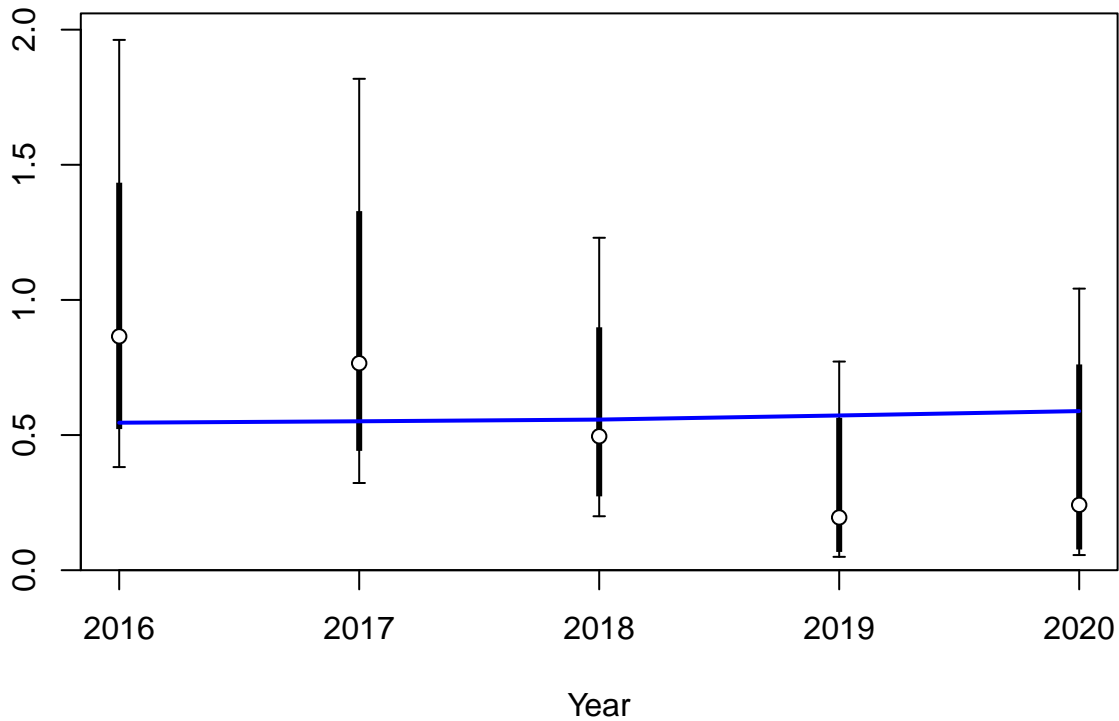


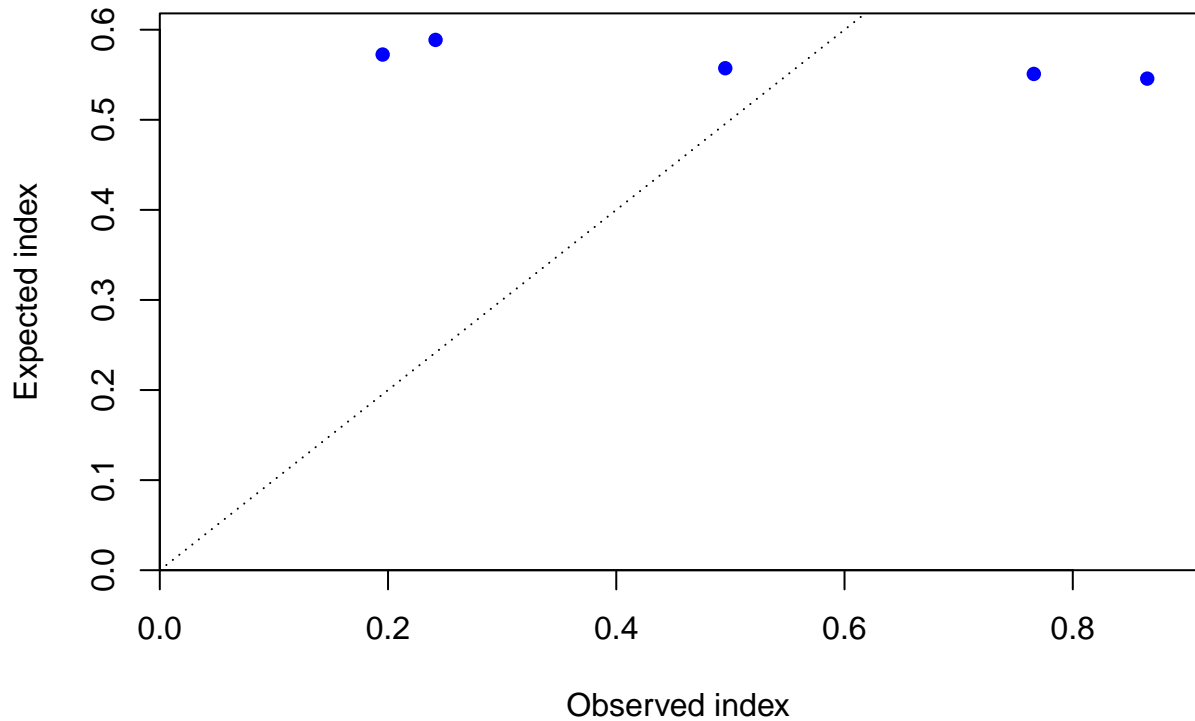
Index

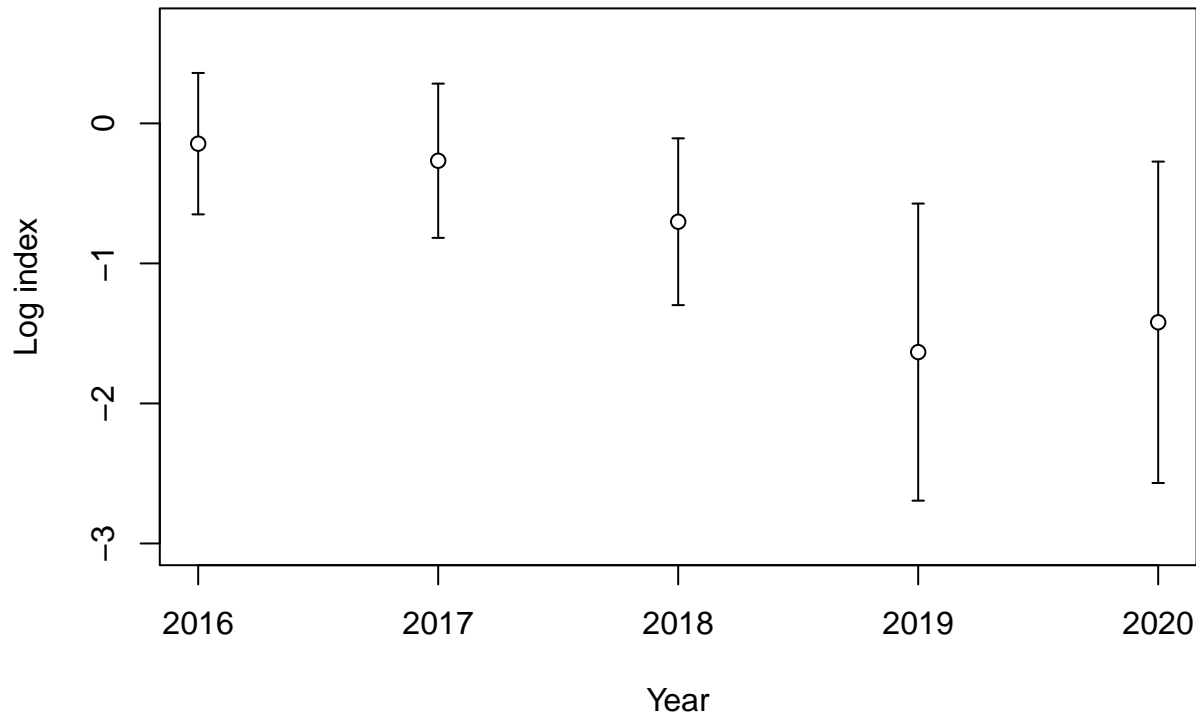


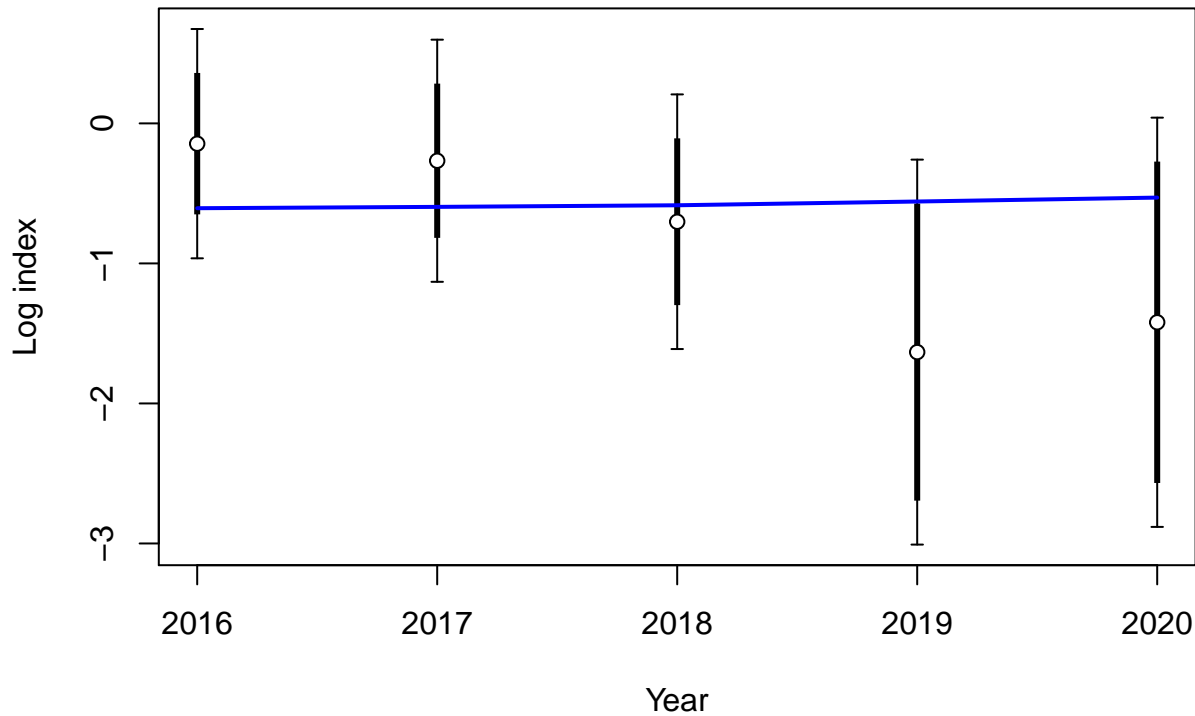
Year

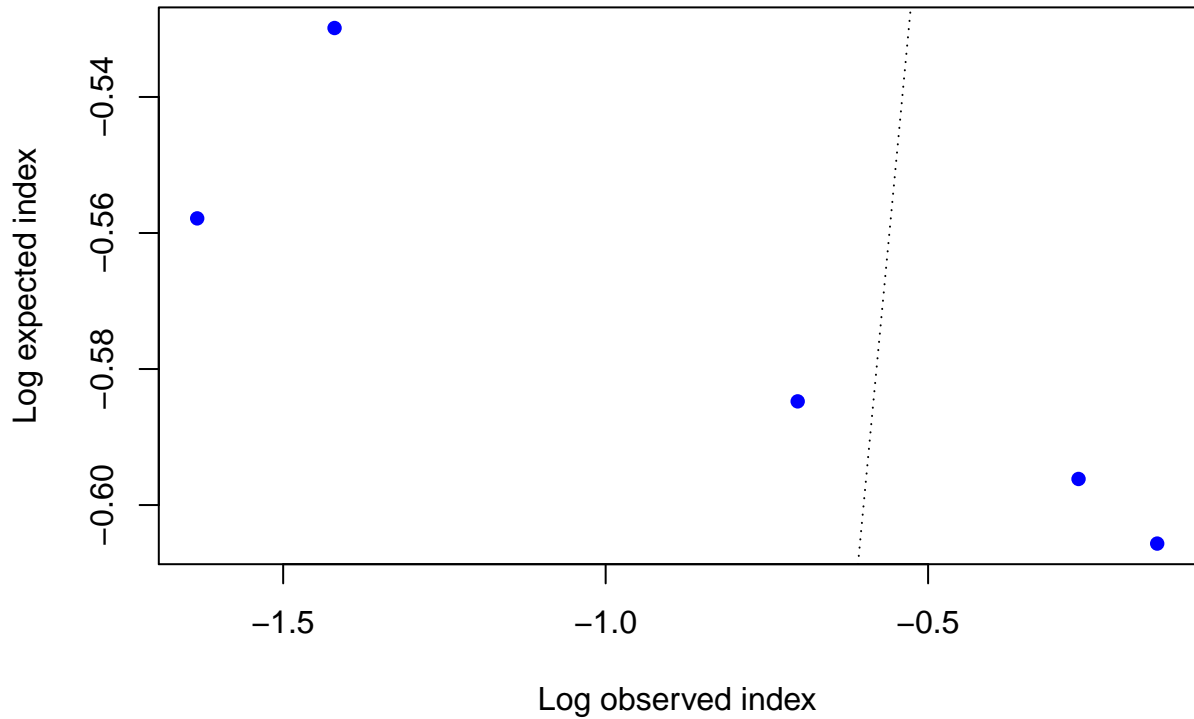
Index



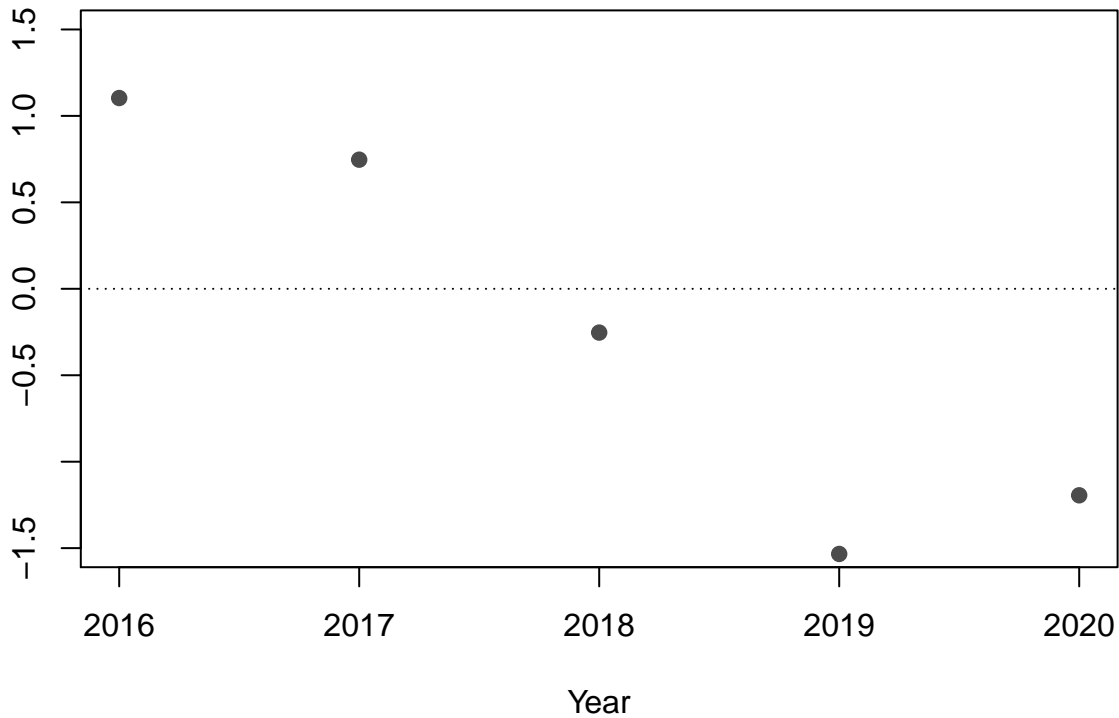




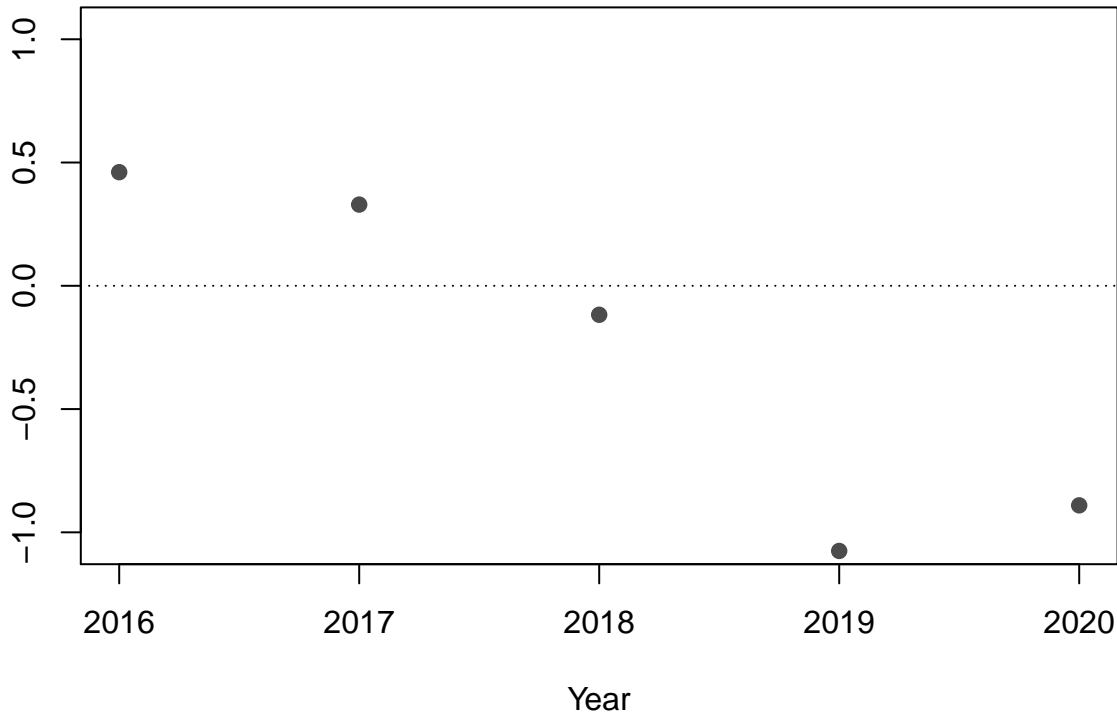


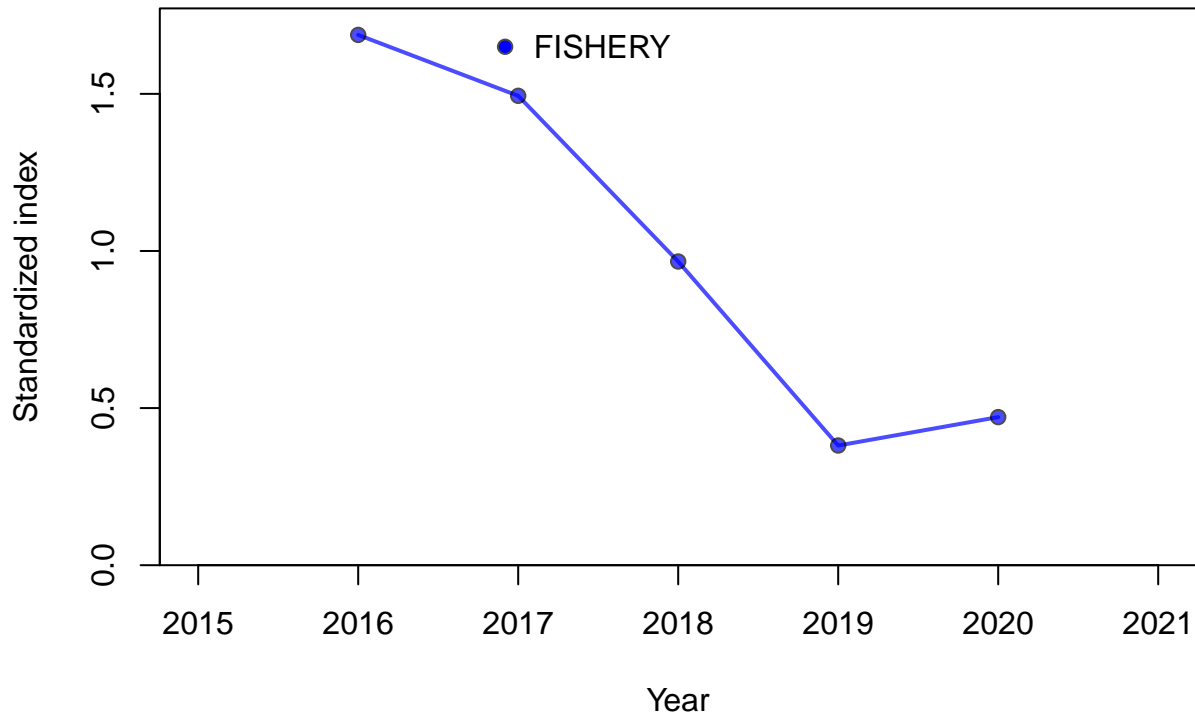


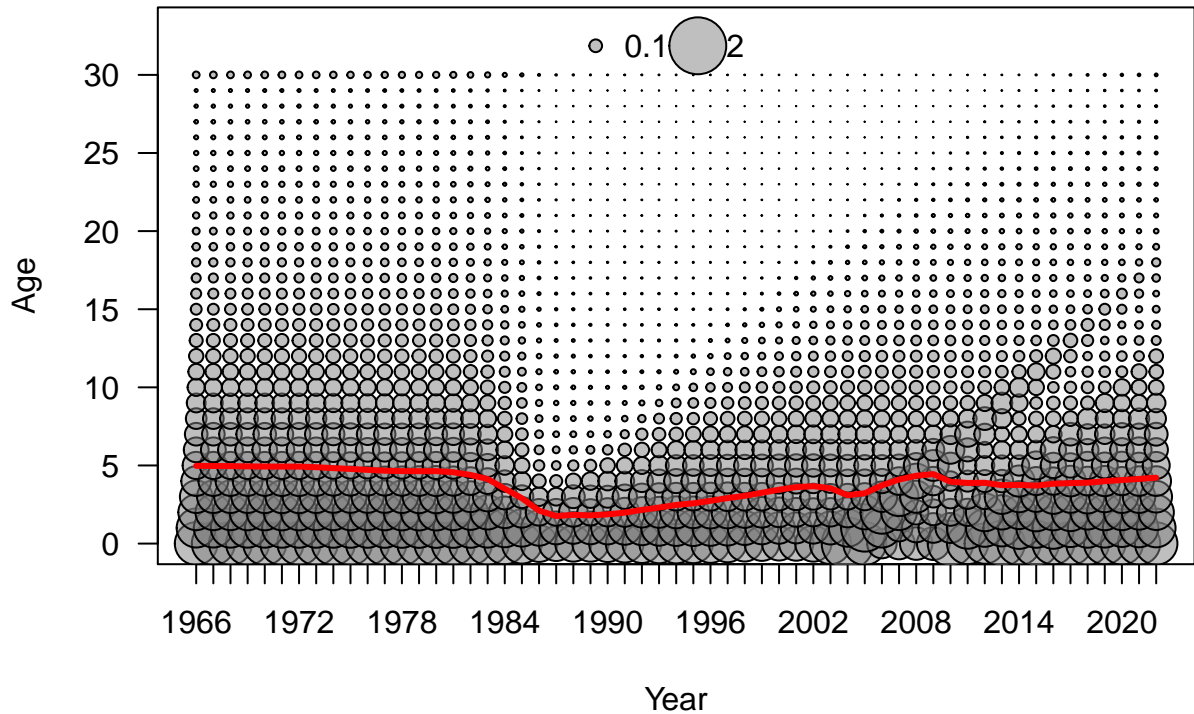
Residual

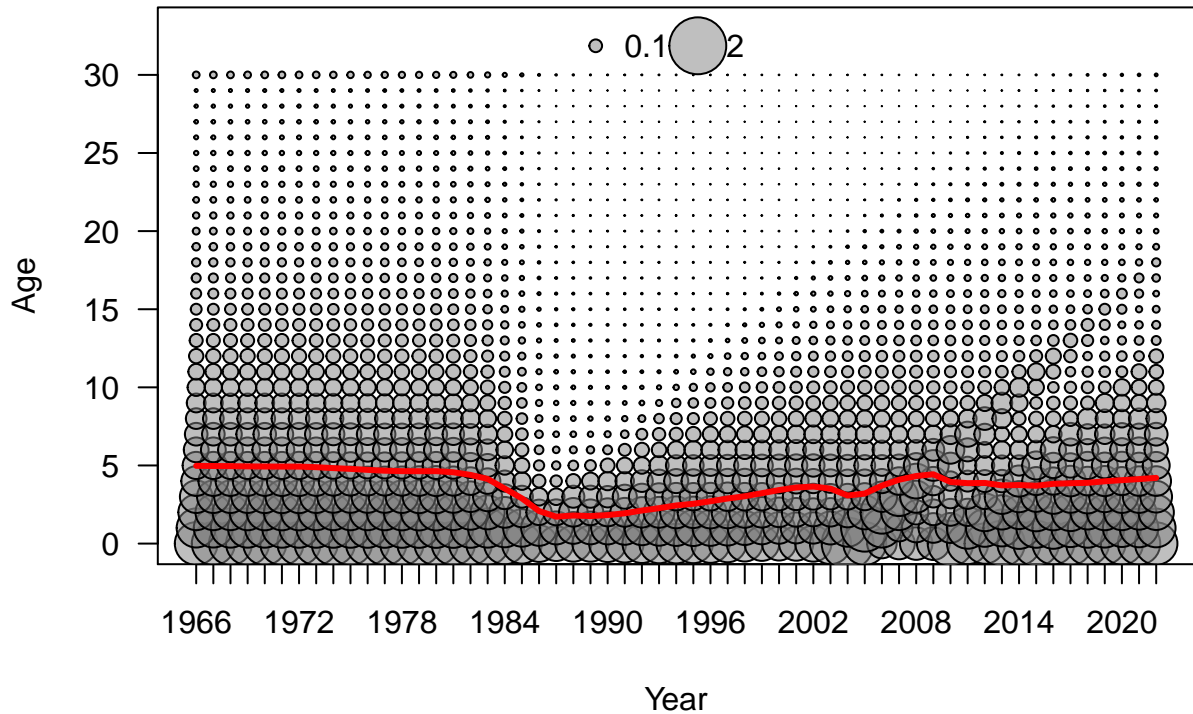


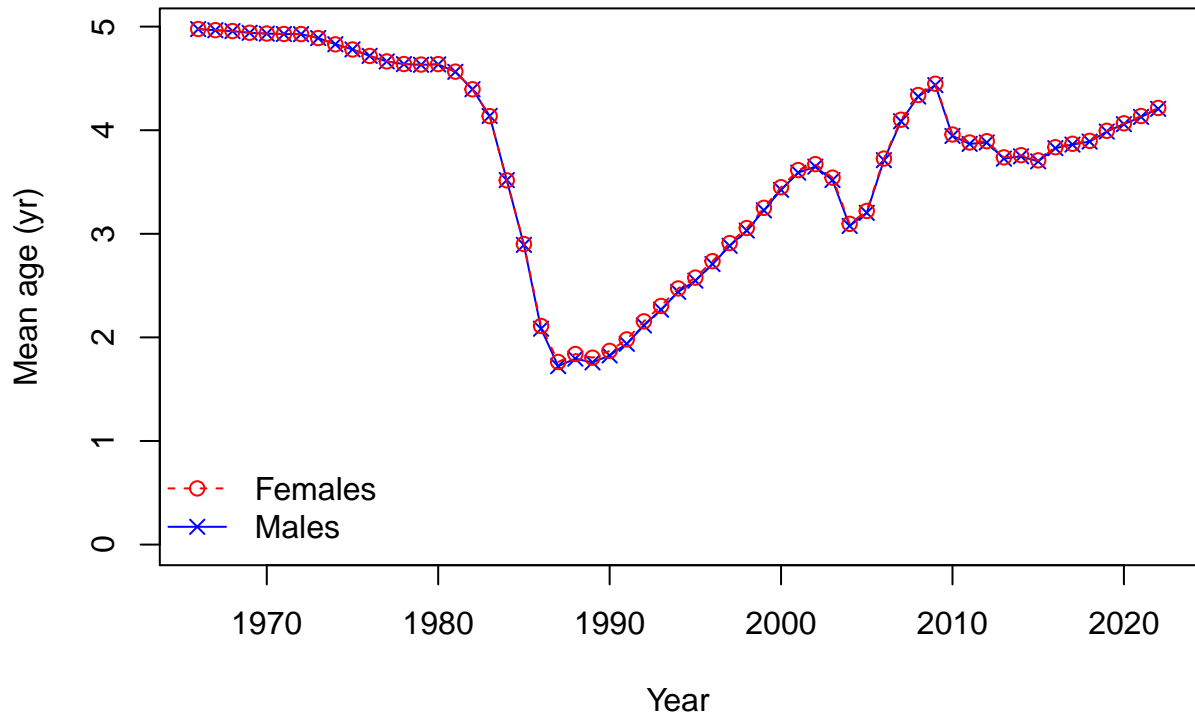
Deviation

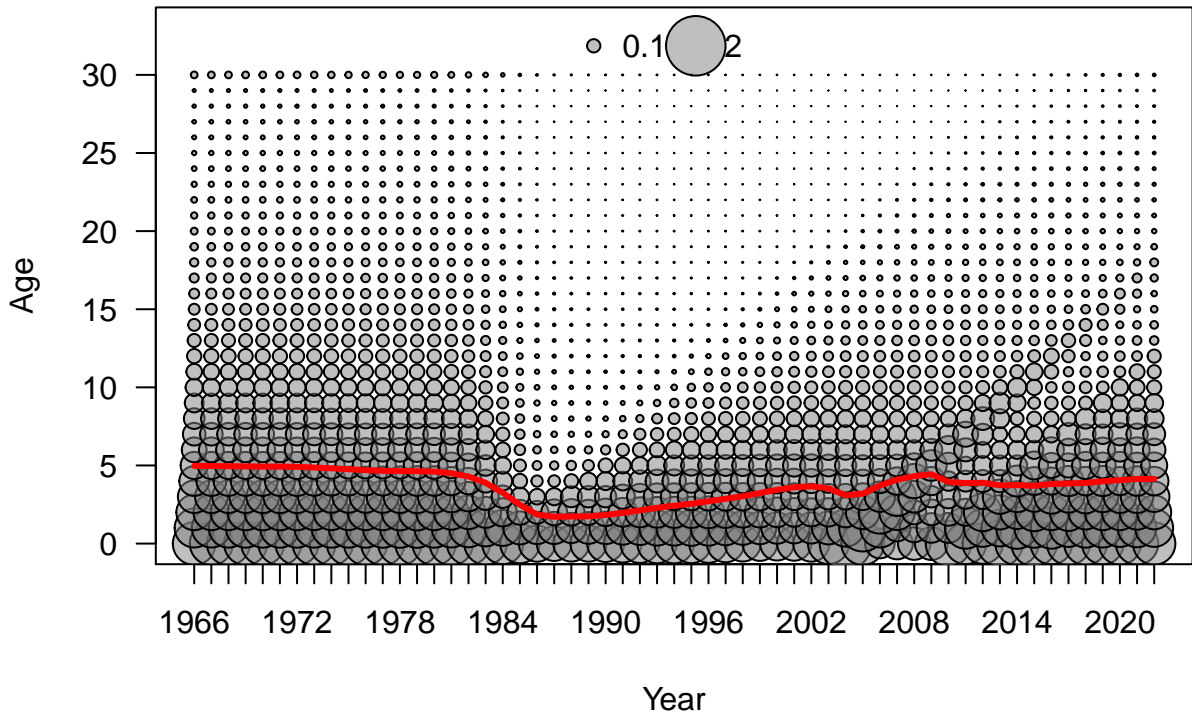


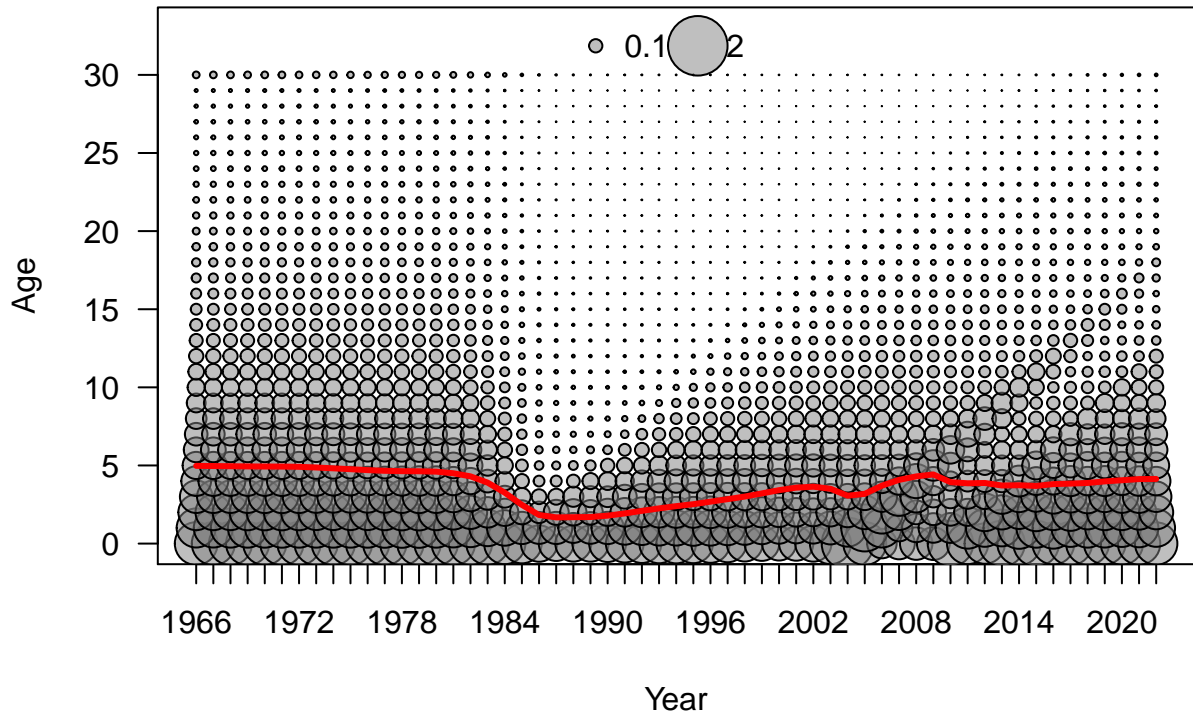


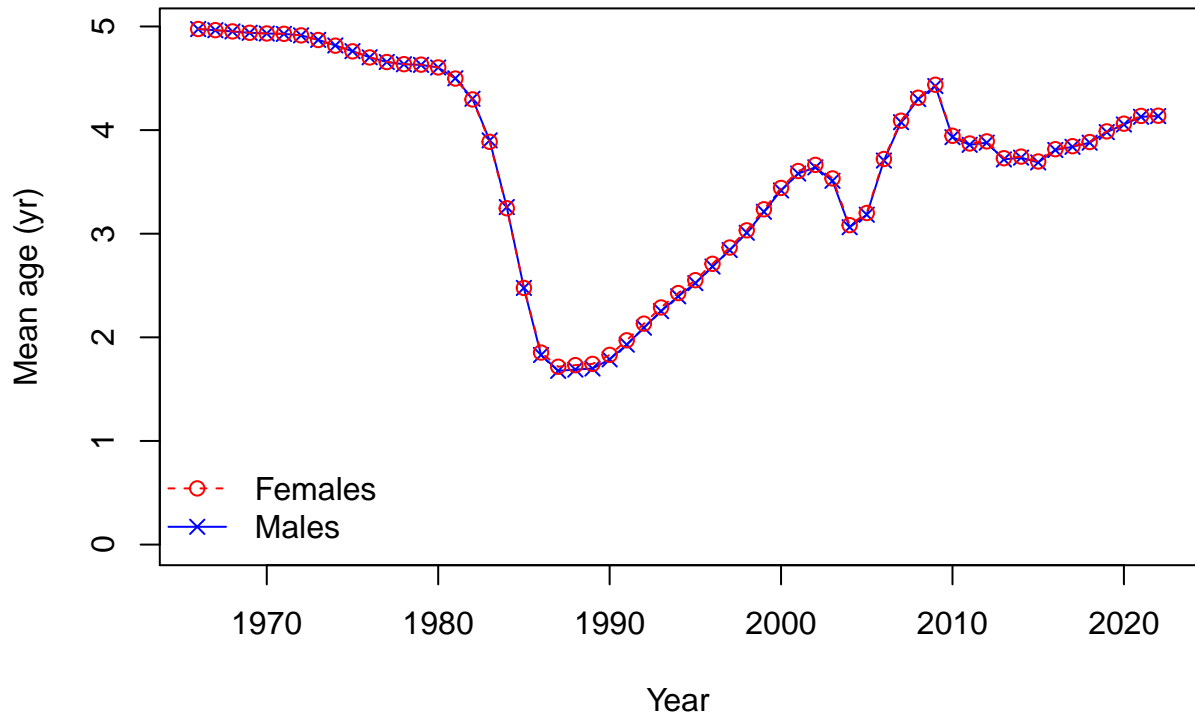


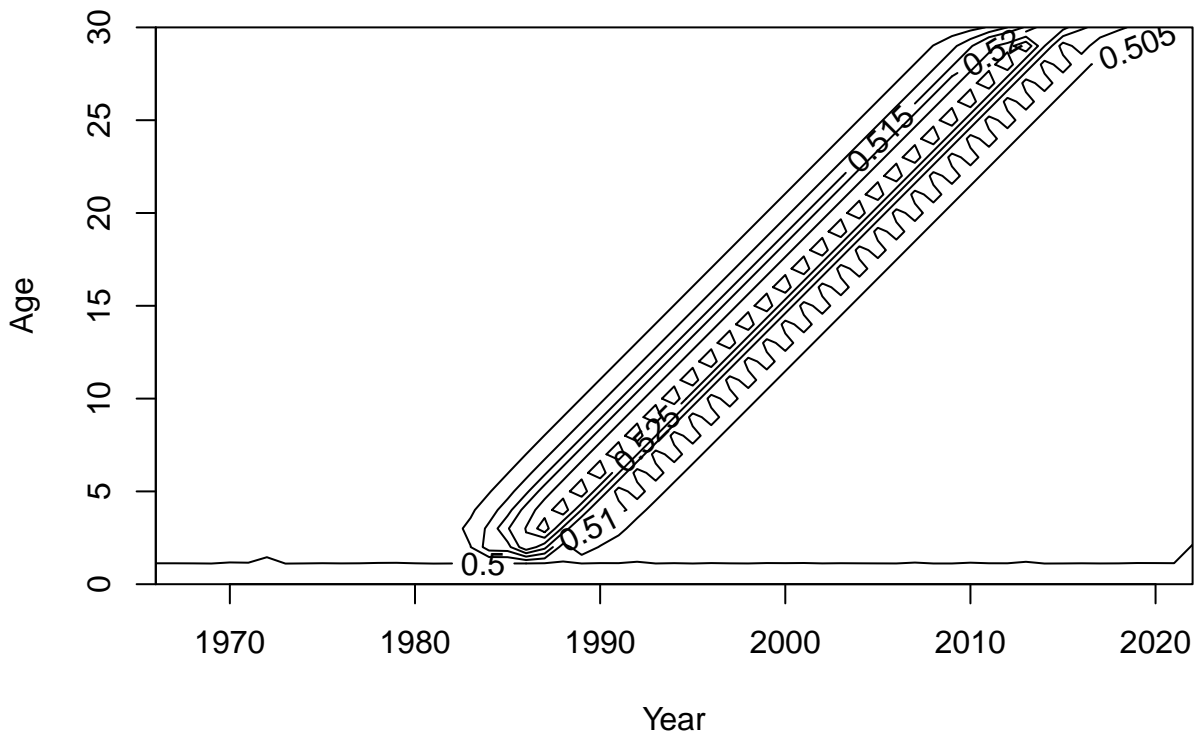


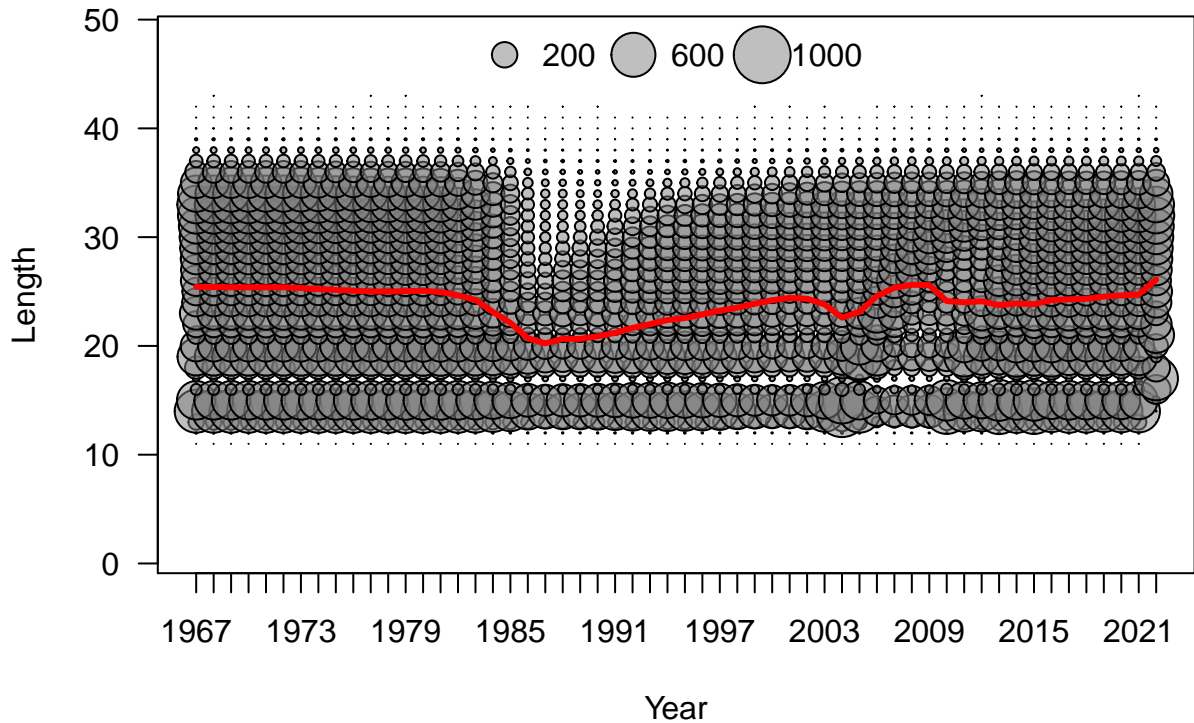


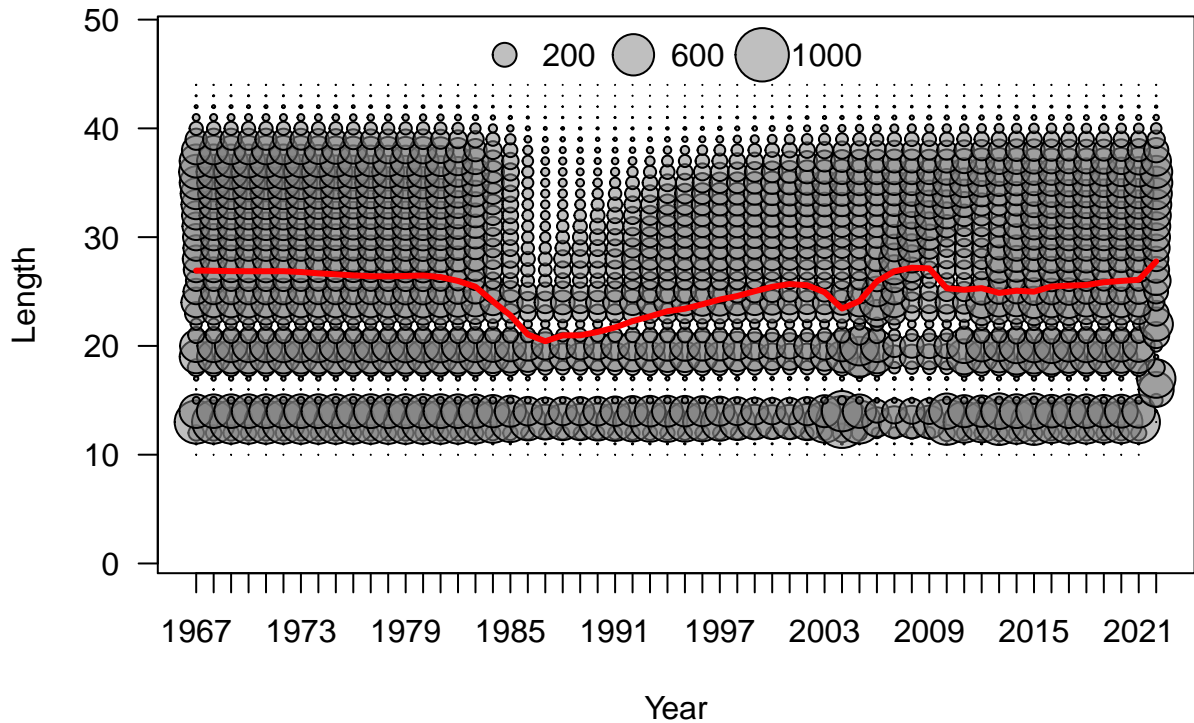


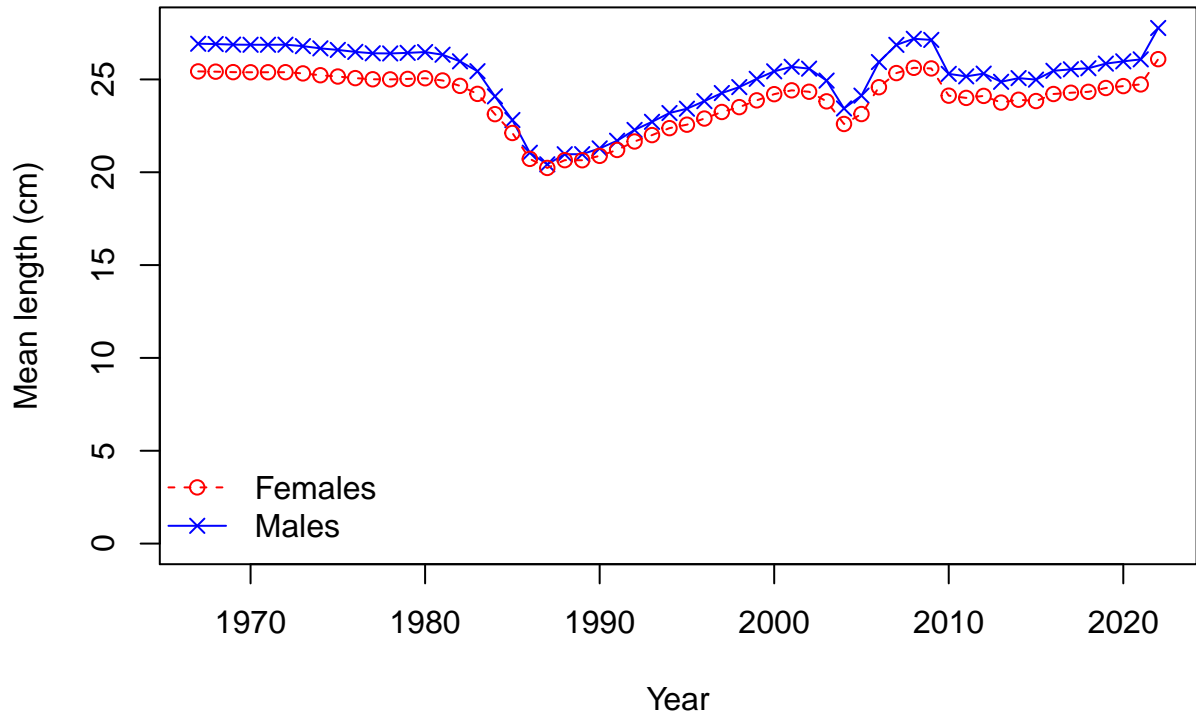


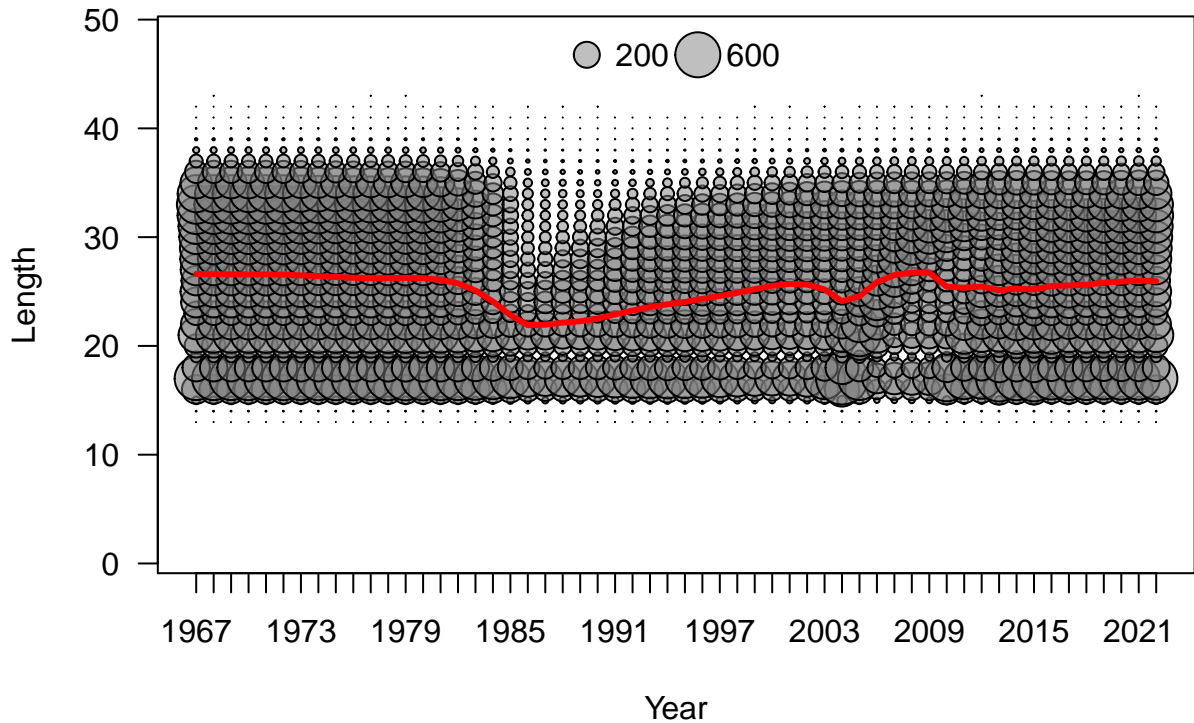


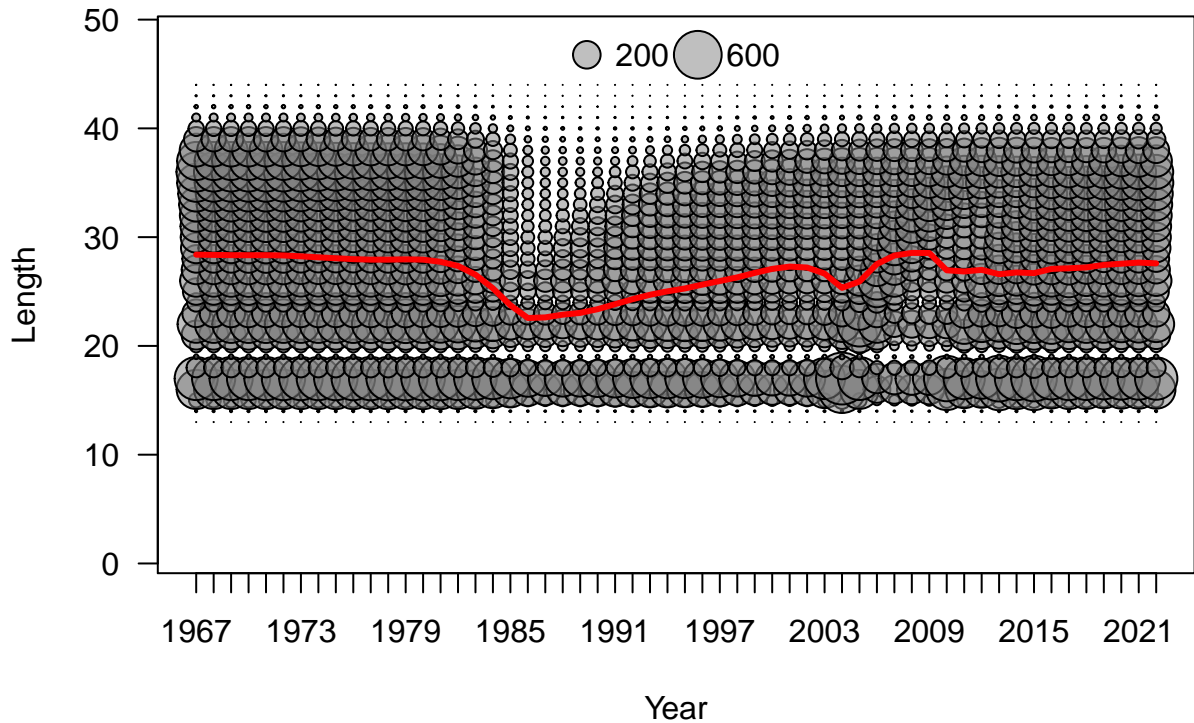


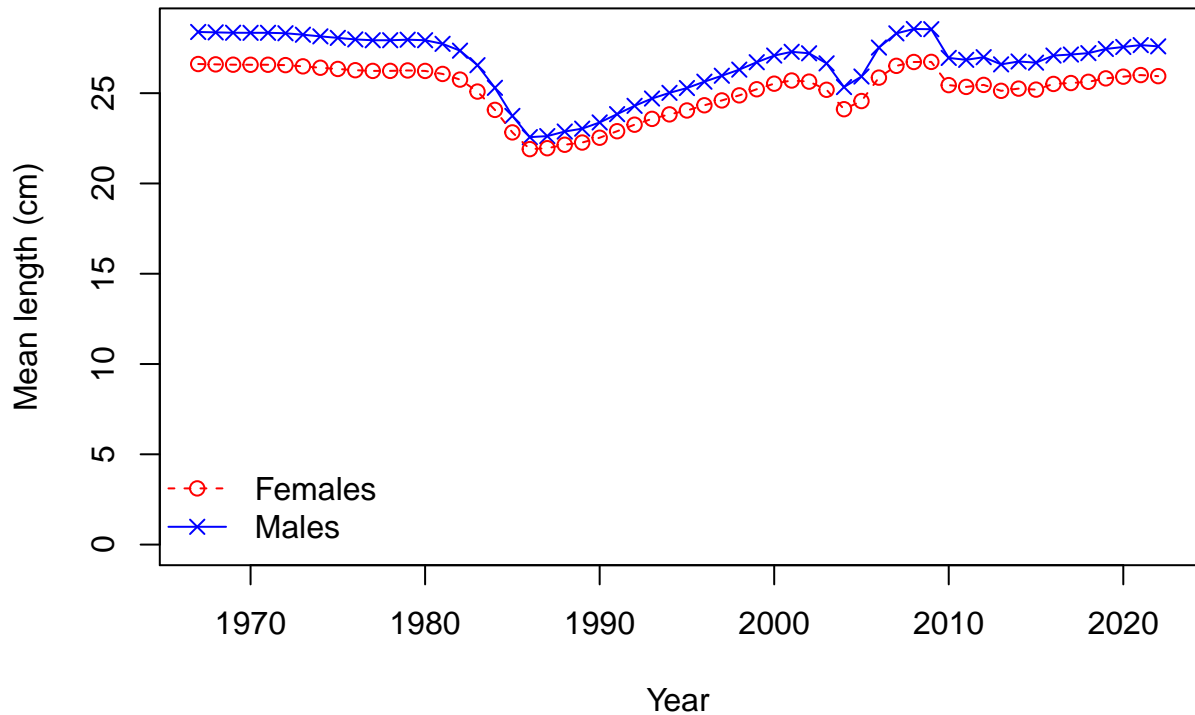


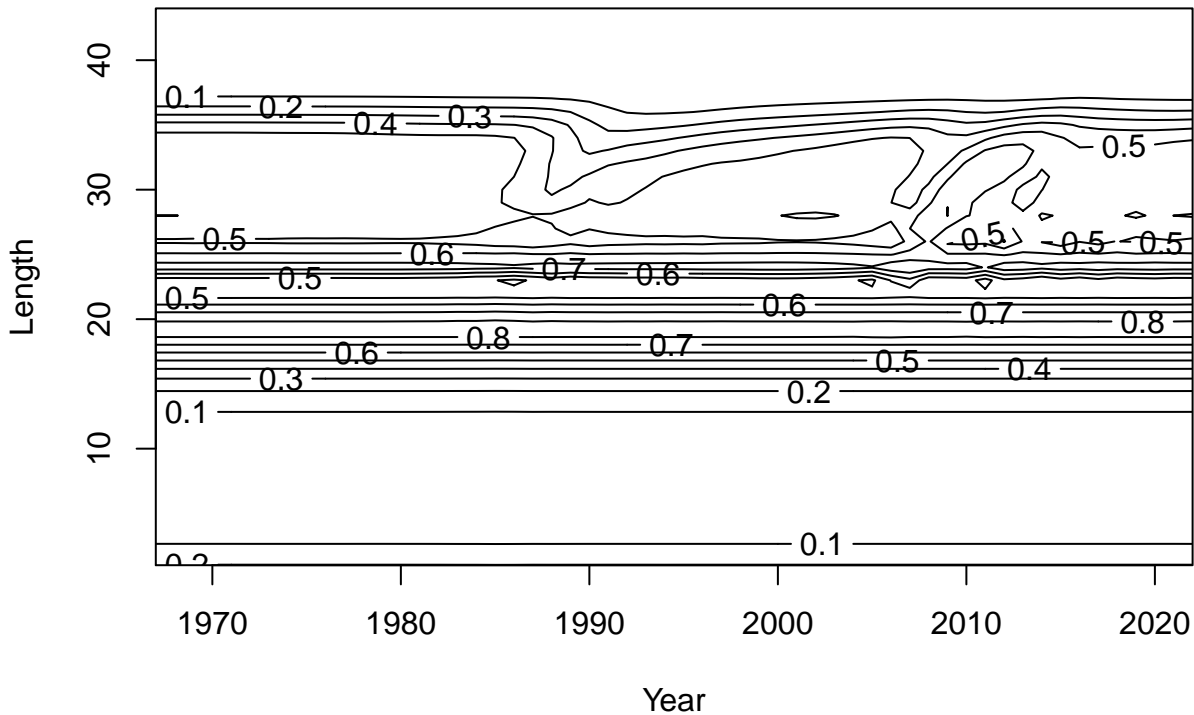


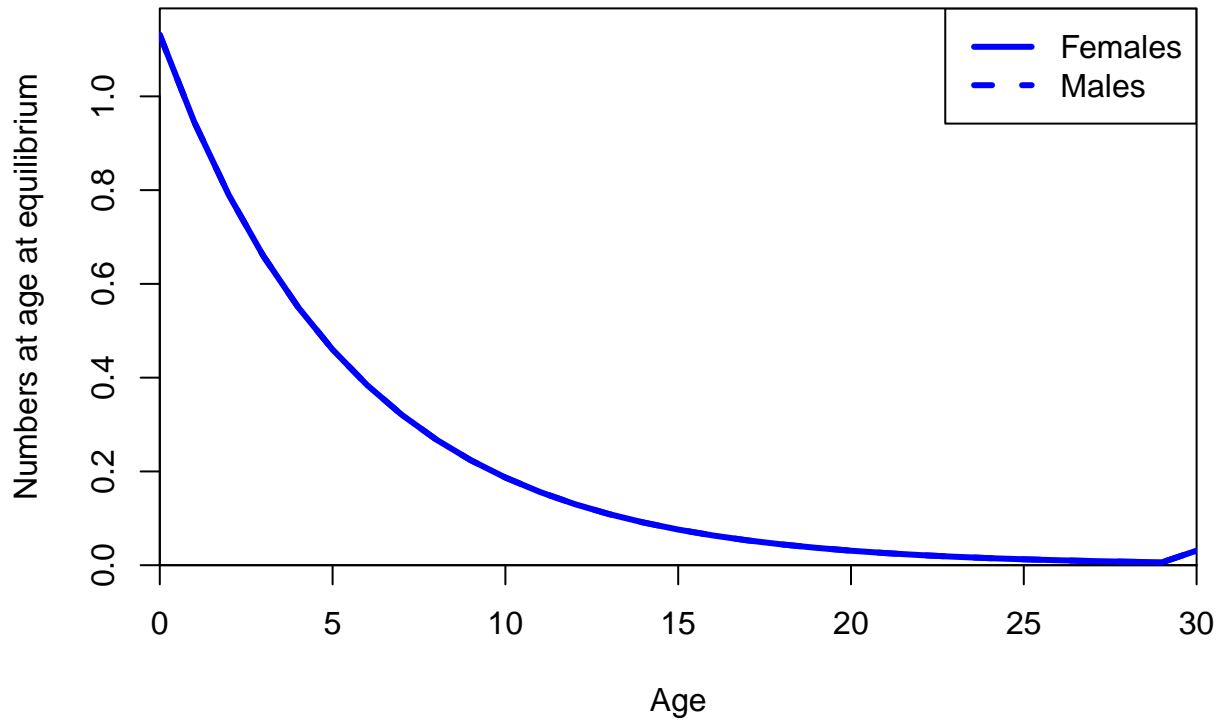






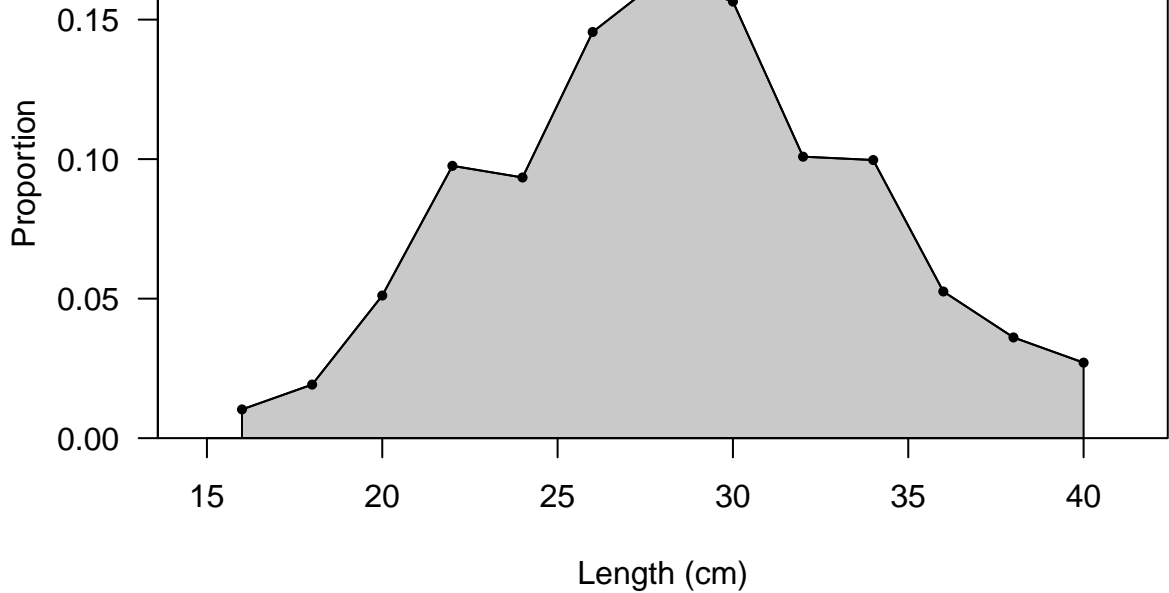


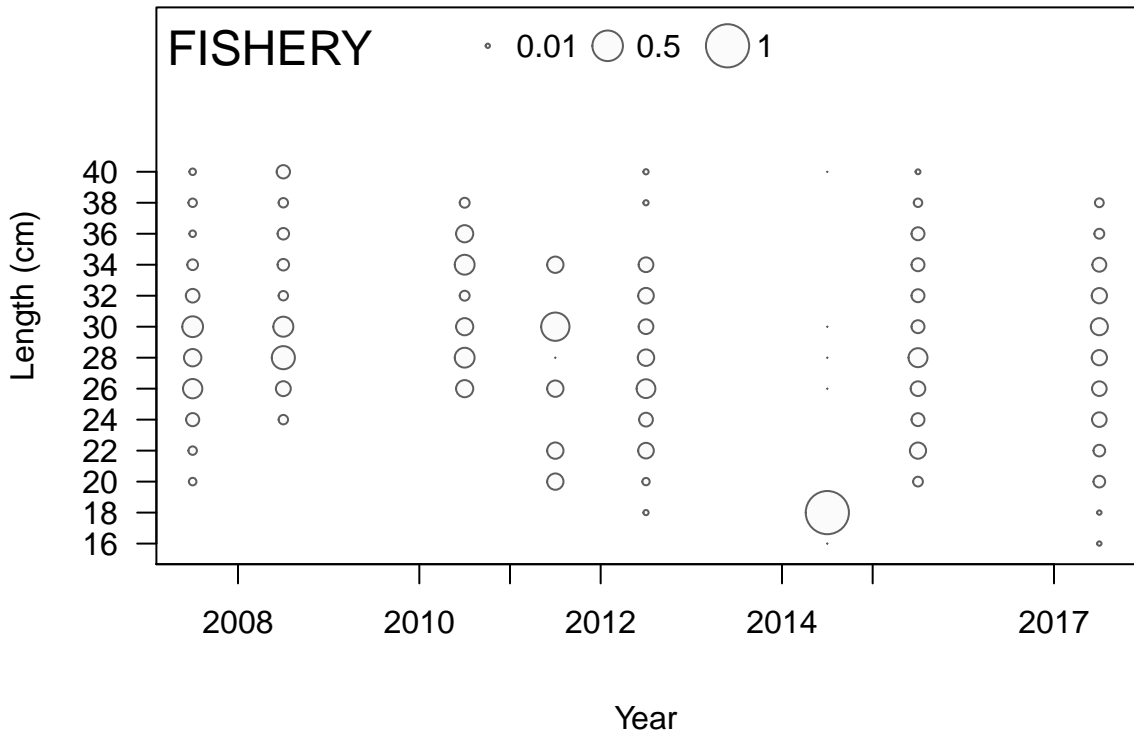




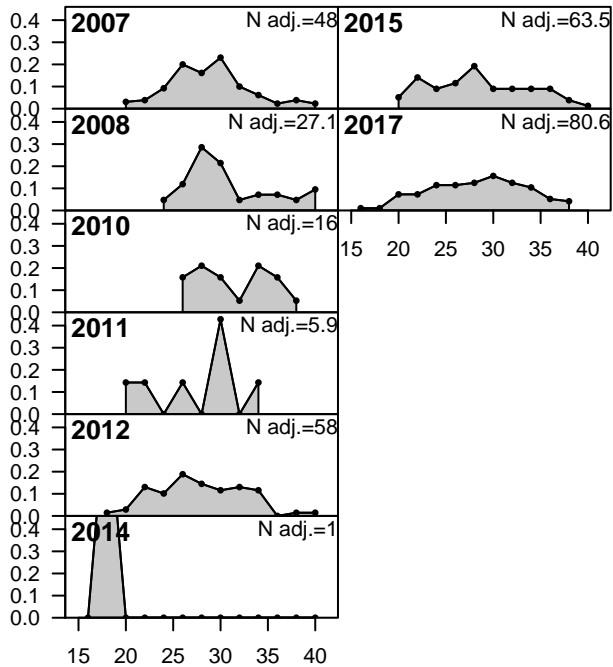
FISHERY

Sum of N adj.=300

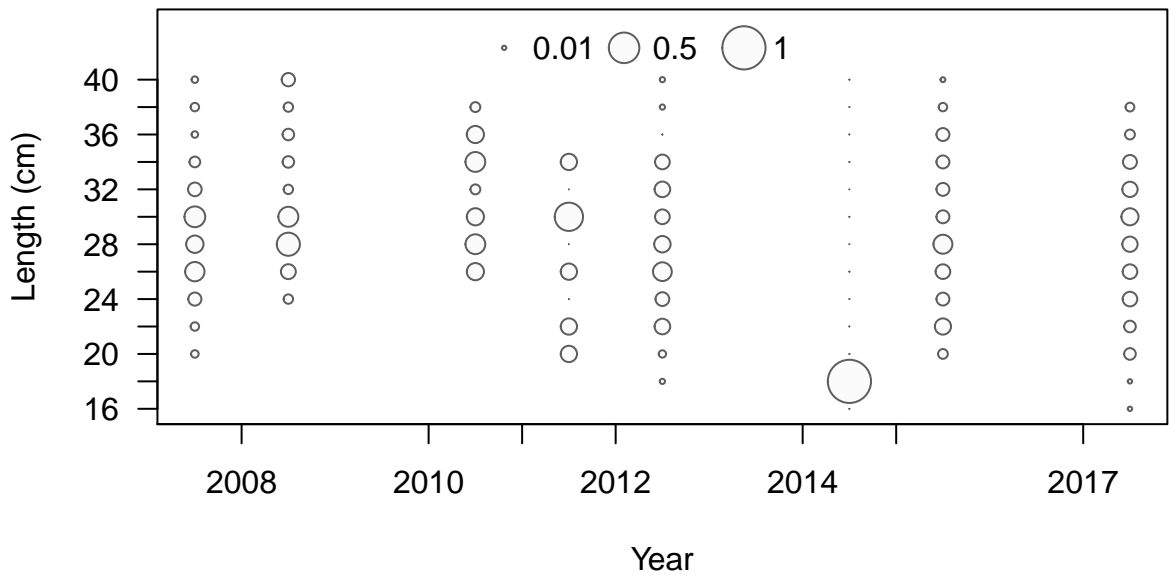




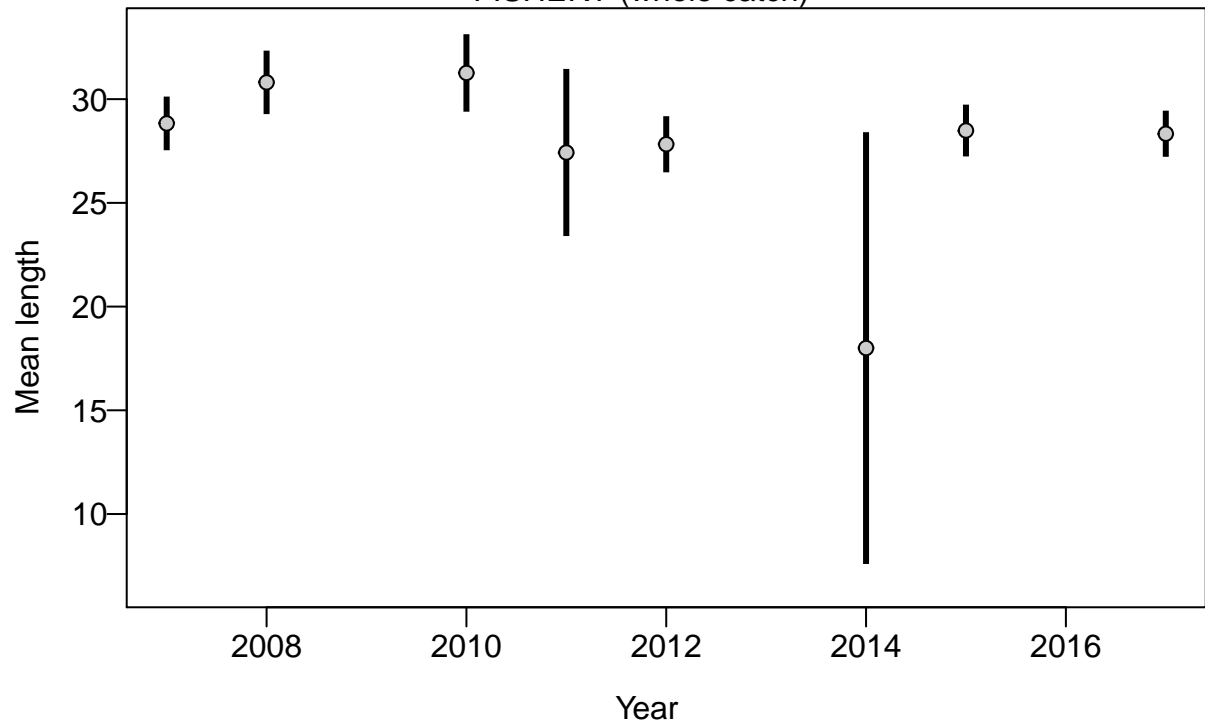
Proportion



Length (cm)



FISHERY (whole catch)



FISHERY

Sum of N adj.=300
Sum of N eff.=564.3

Proportion

0.15

0.10

0.05

0.00

15

20

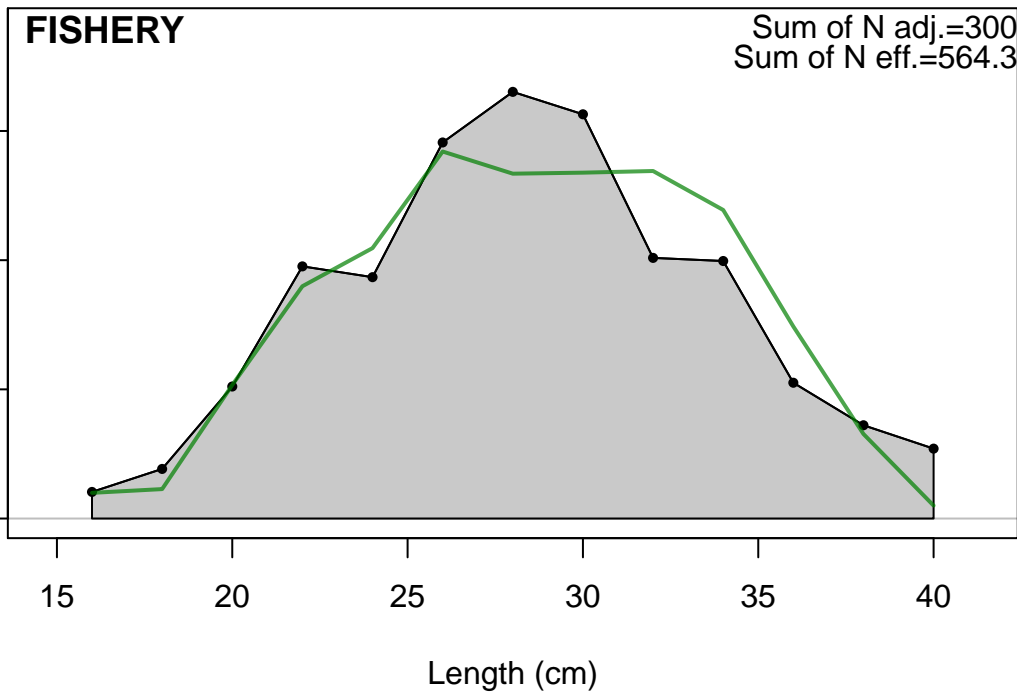
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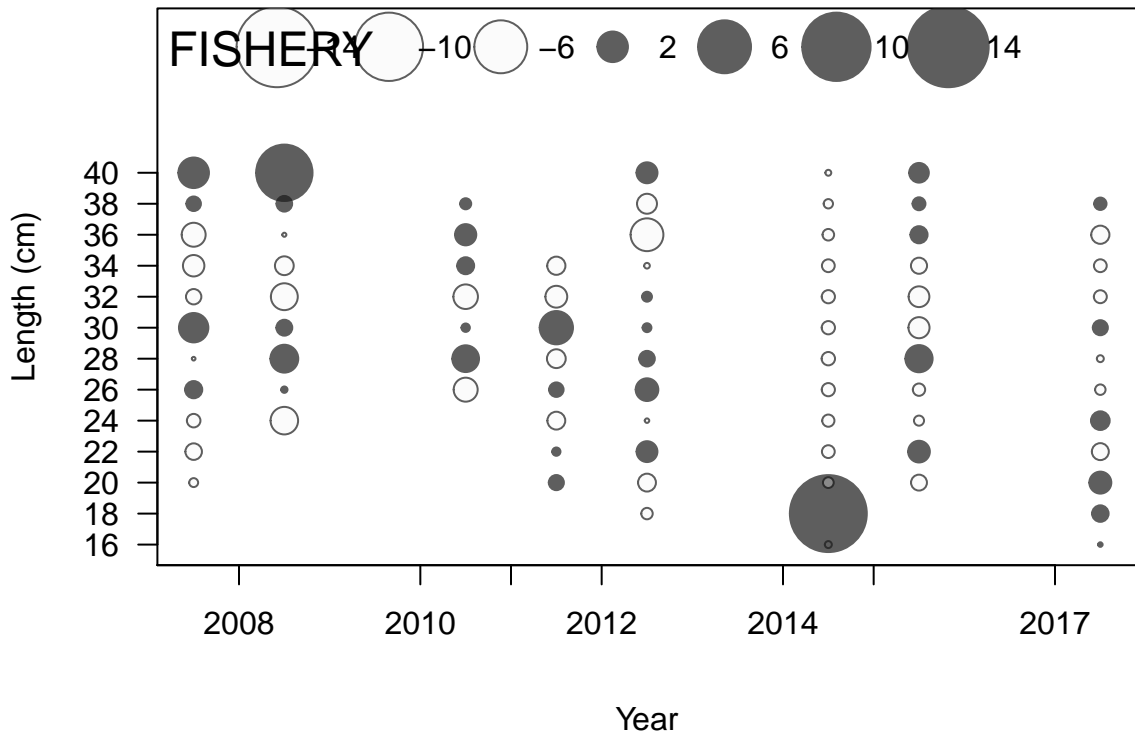
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35

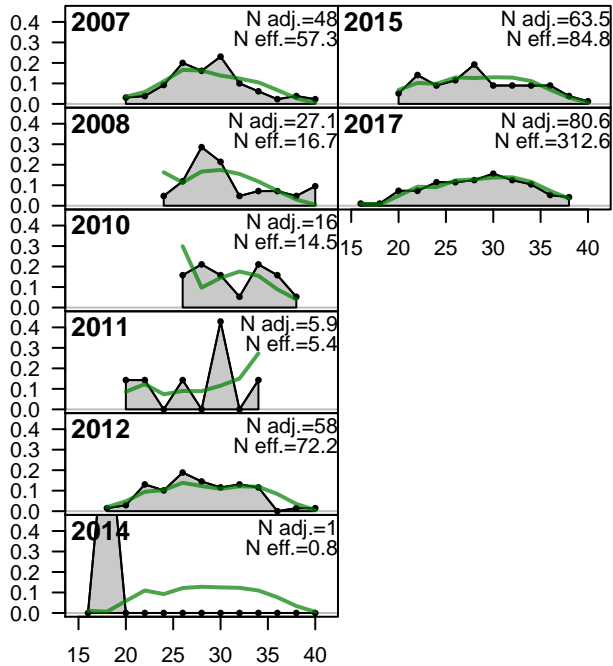
40

Length (cm)

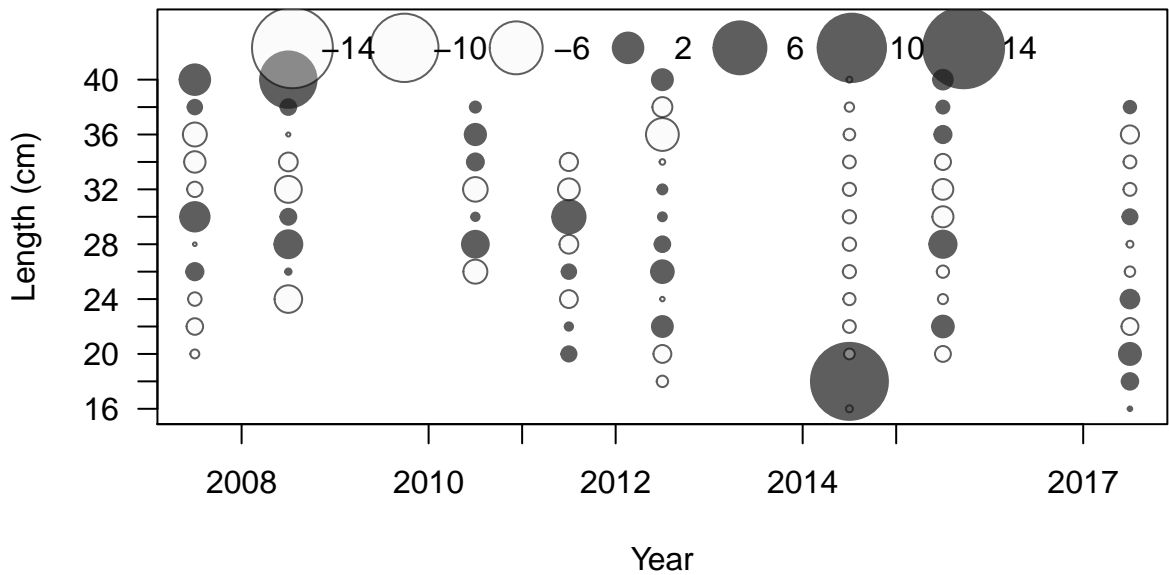




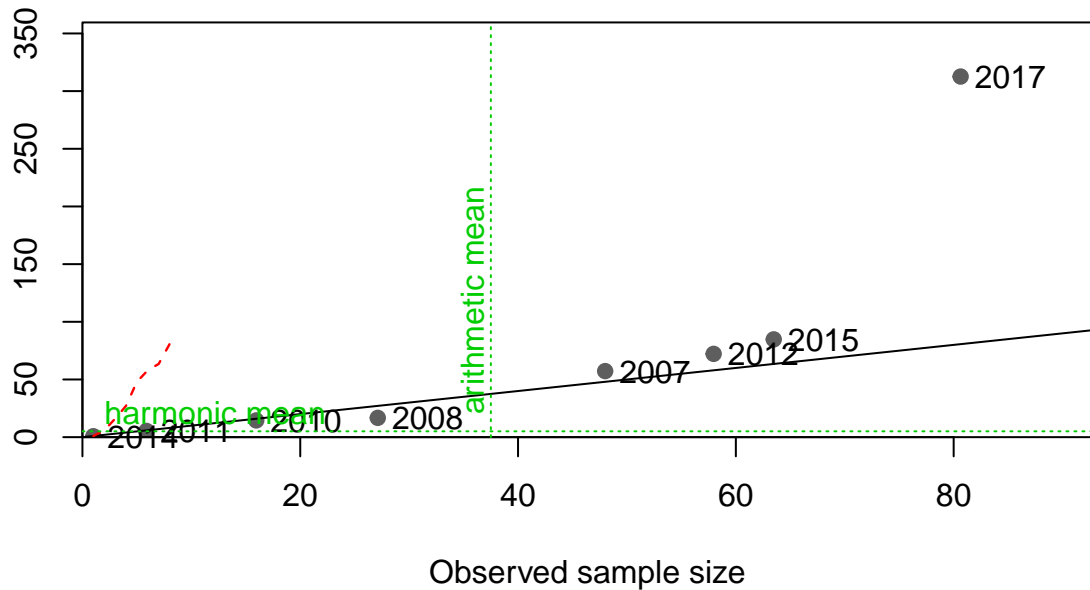
Proportion



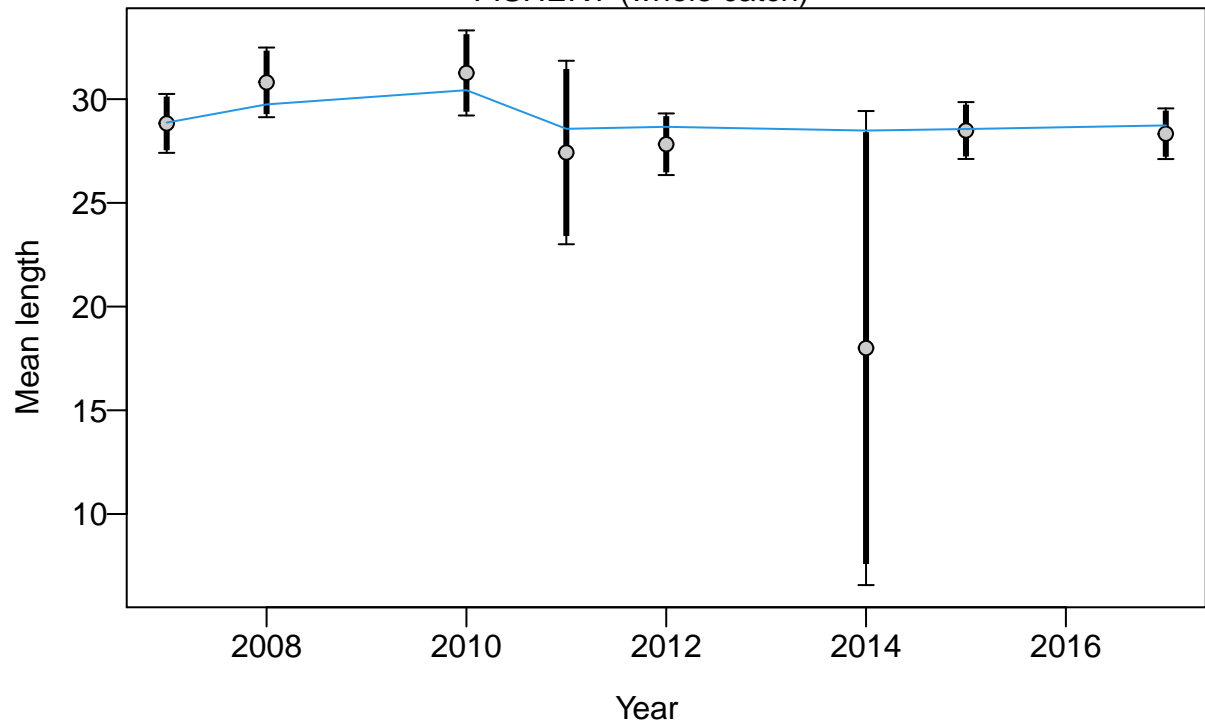
Length (cm)

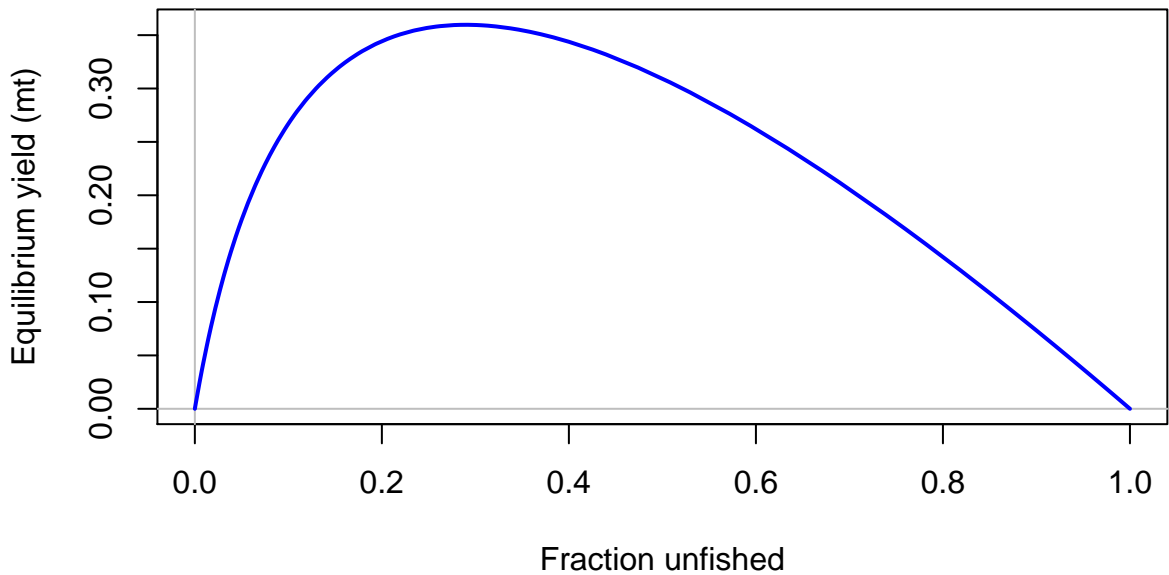


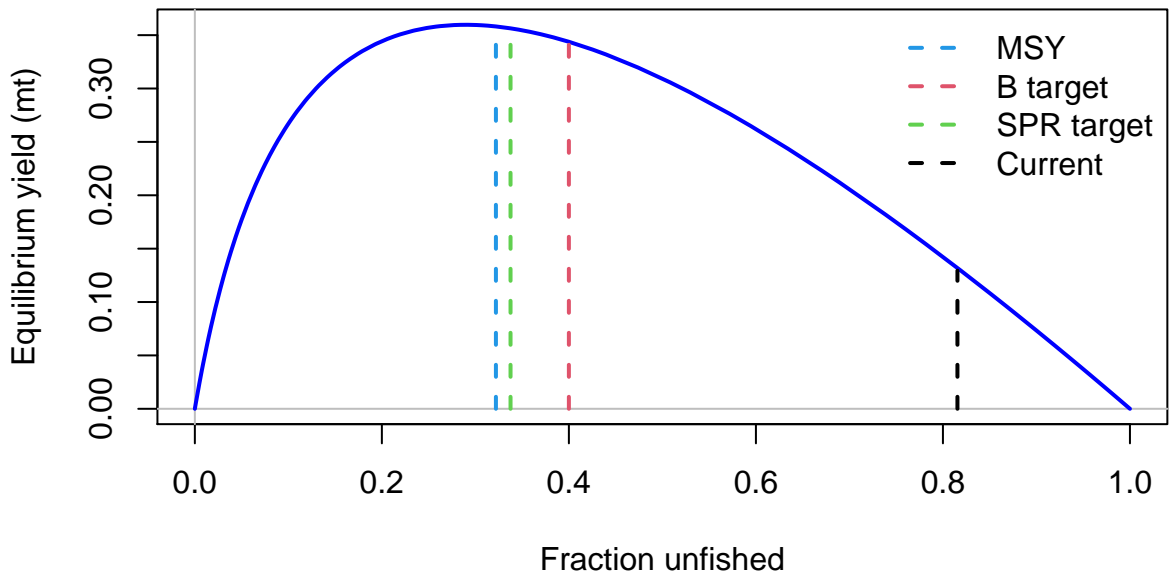
Effective sample size

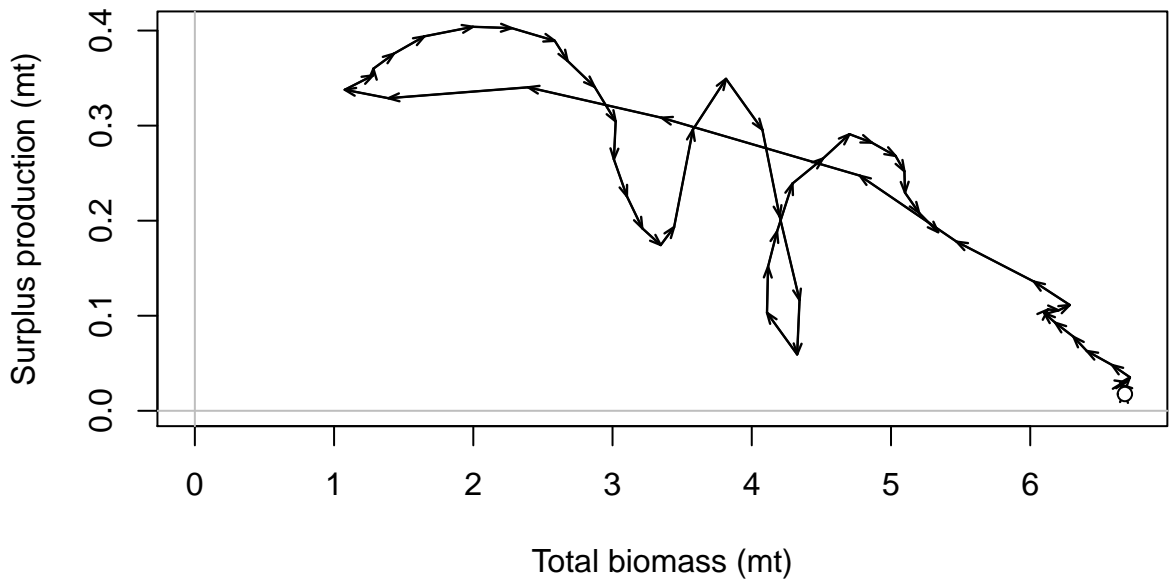


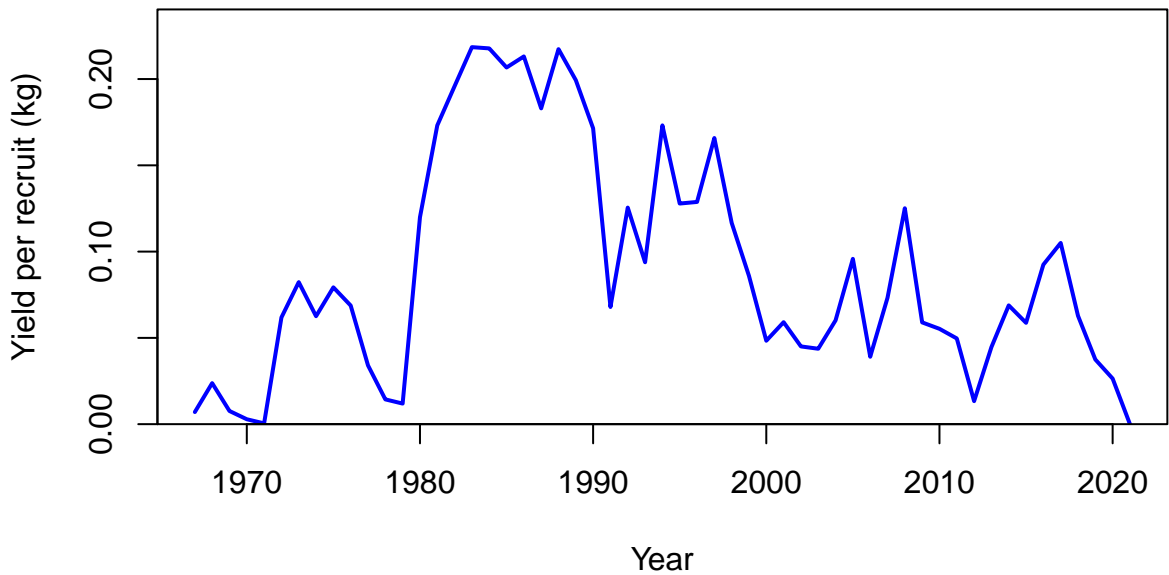
FISHERY (whole catch)

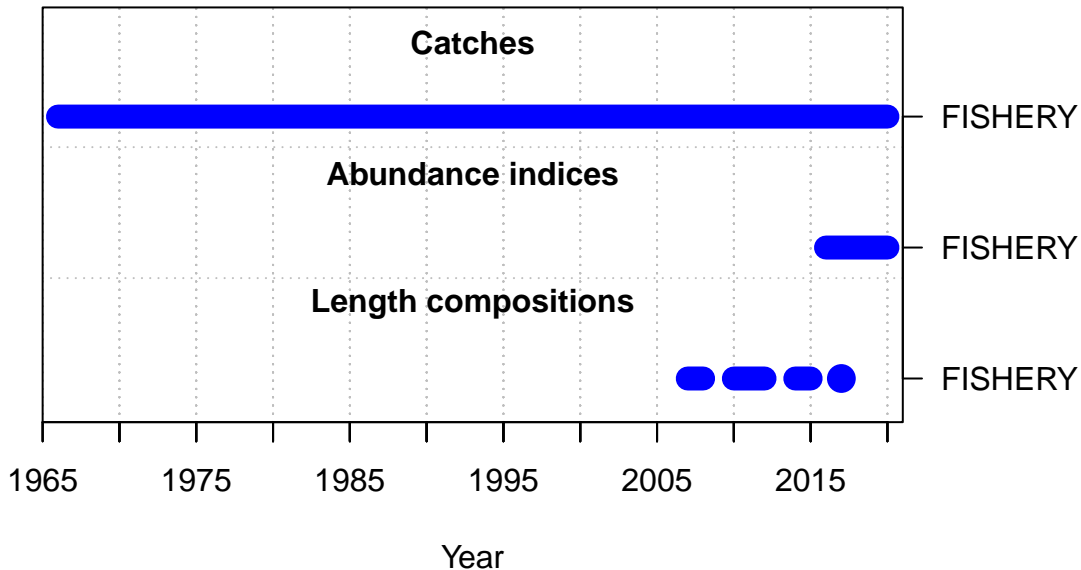


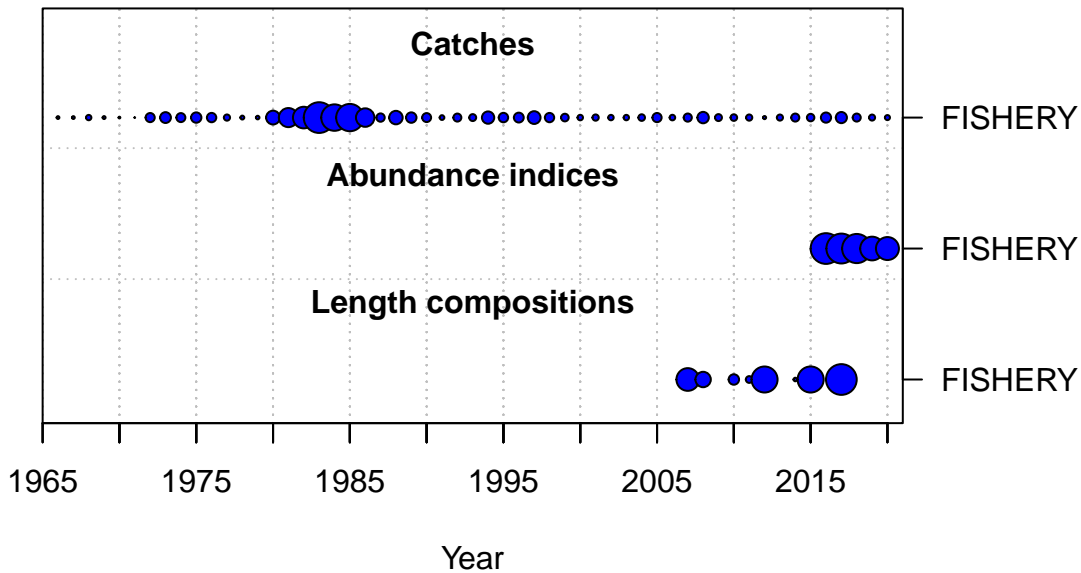




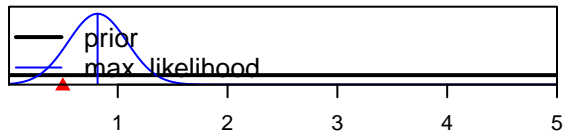




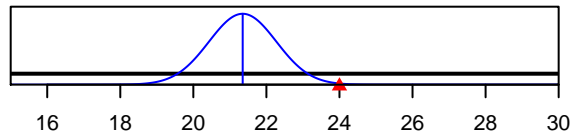




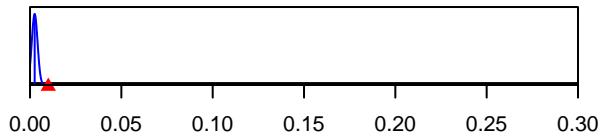
SR_LN(R0)



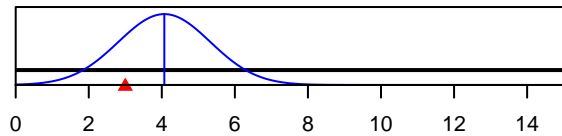
Size_inflection_FISHERY(1)



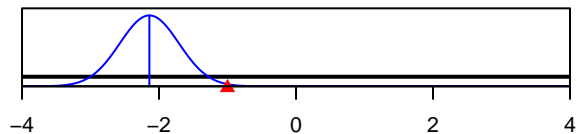
InitF_seas_1_flt_1FISHERY



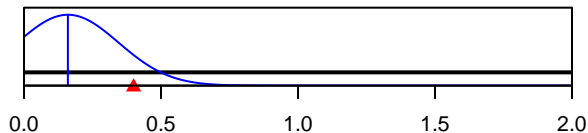
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



Q_extraSD_FISHERY(1)



Parameter value