

Plots created using the 'r4ss' package in R

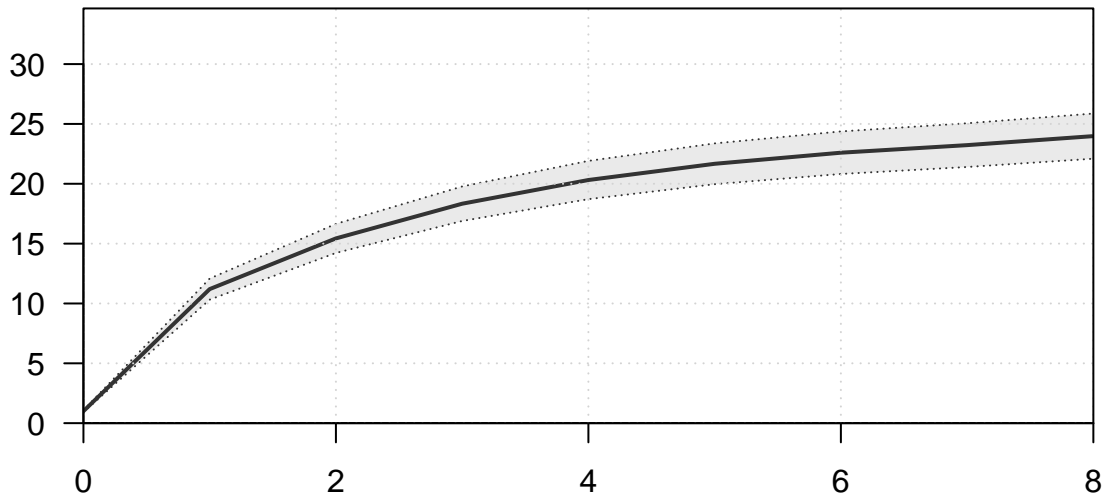
Stock Synthesis version: 3.30.19.0

StartTime: Sun Feb 19 14:59:12 2023

Data_File: data.ss

Control_File: control.ss

Length (cm, beginning of the year)



Age (yr)











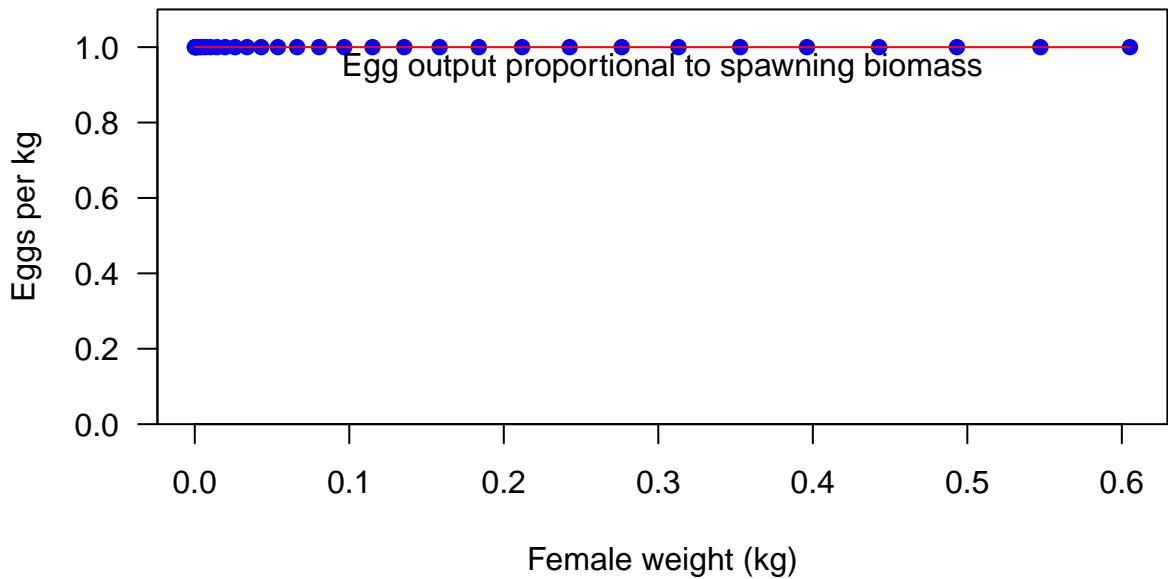






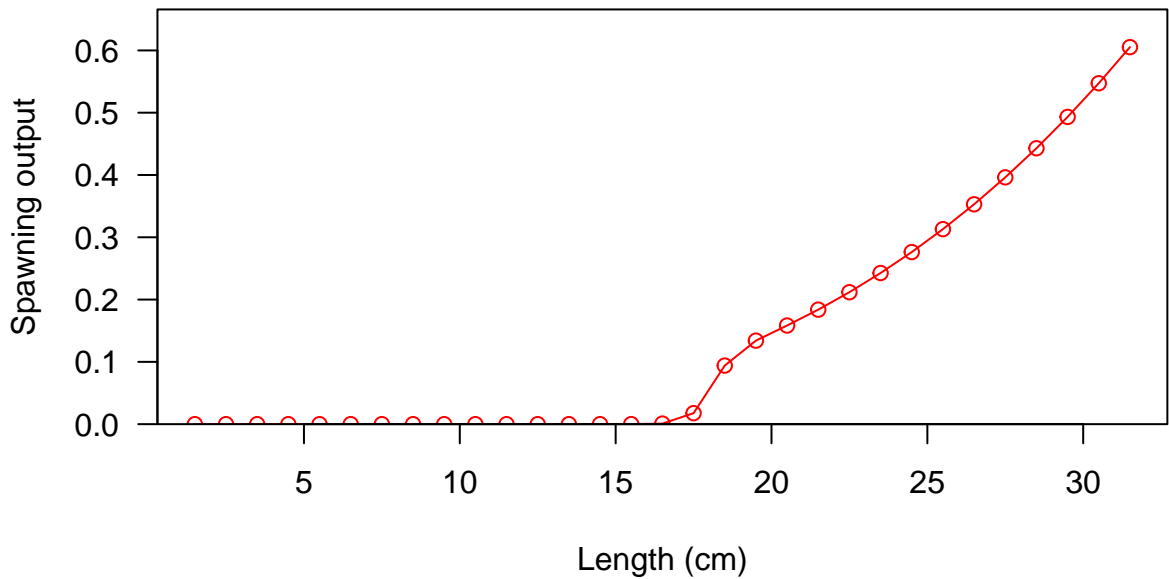






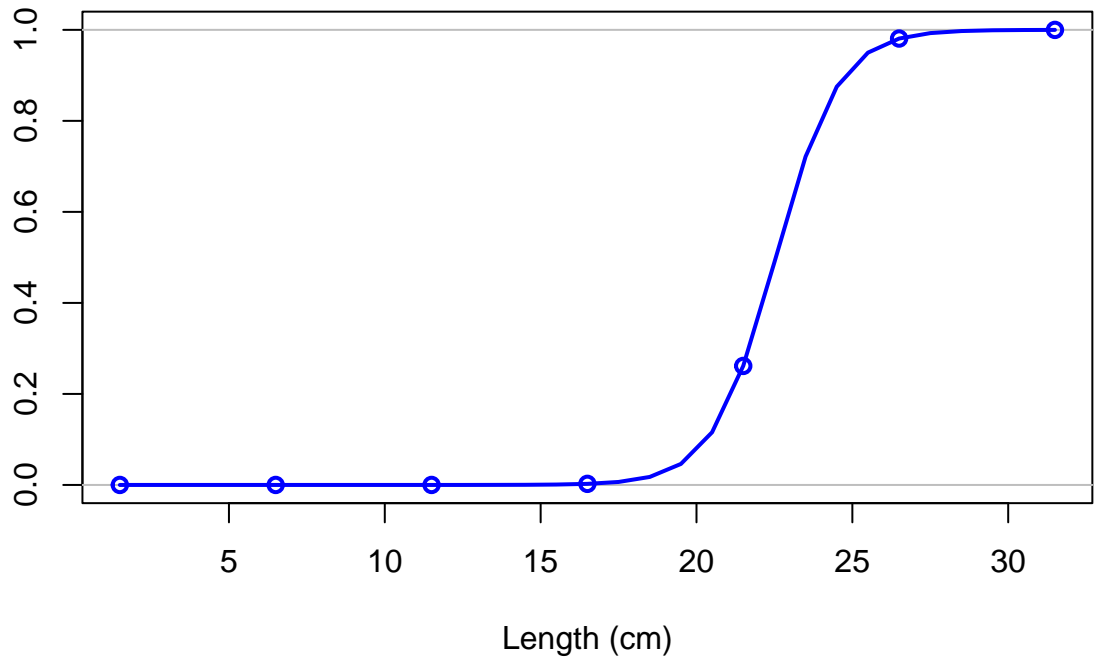




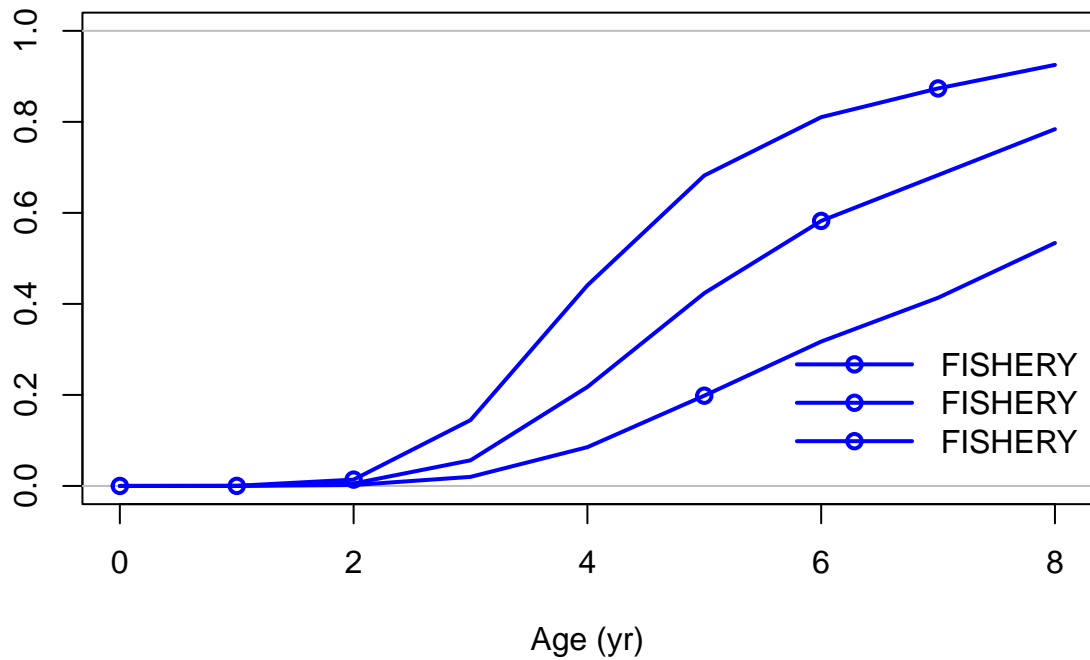




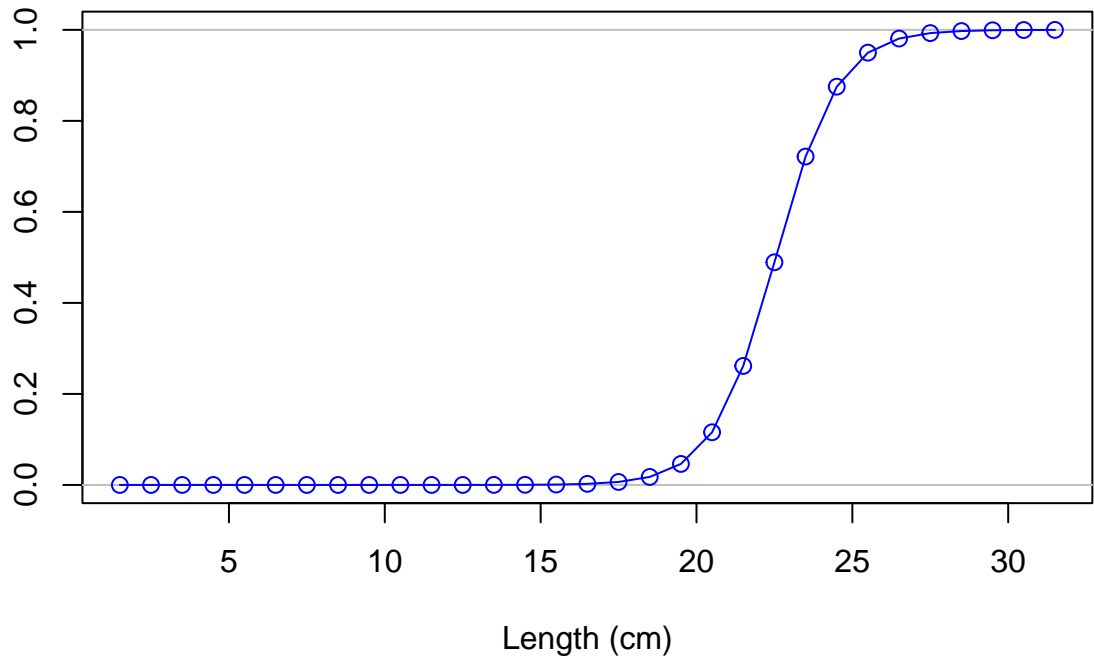
Selectivity

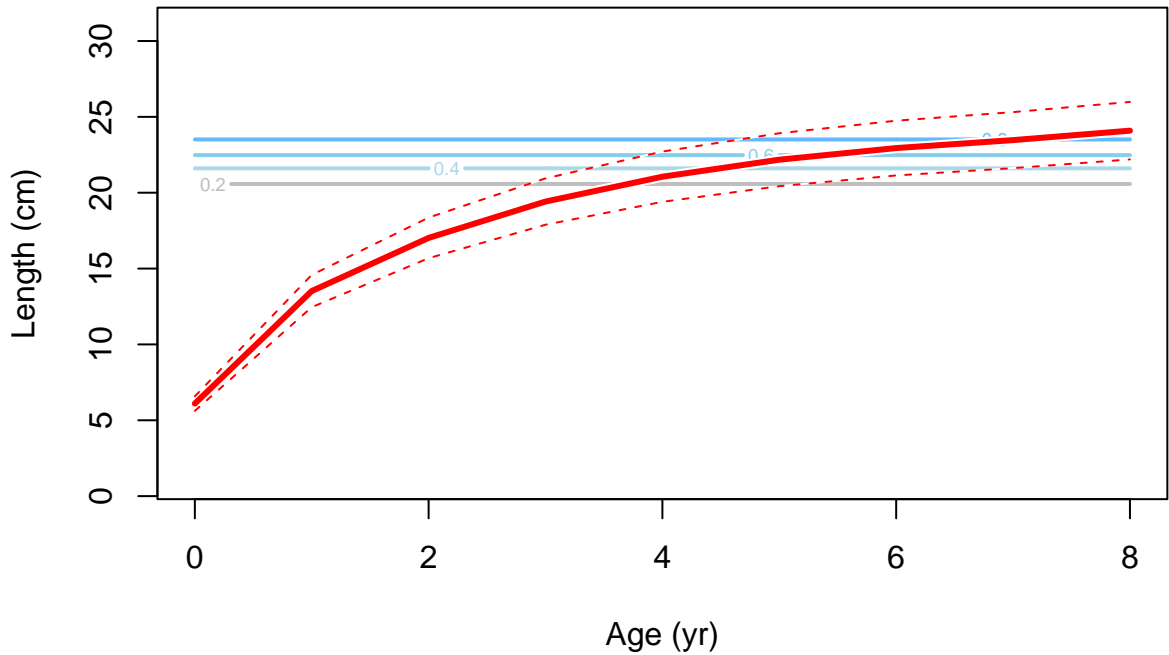


Selectivity

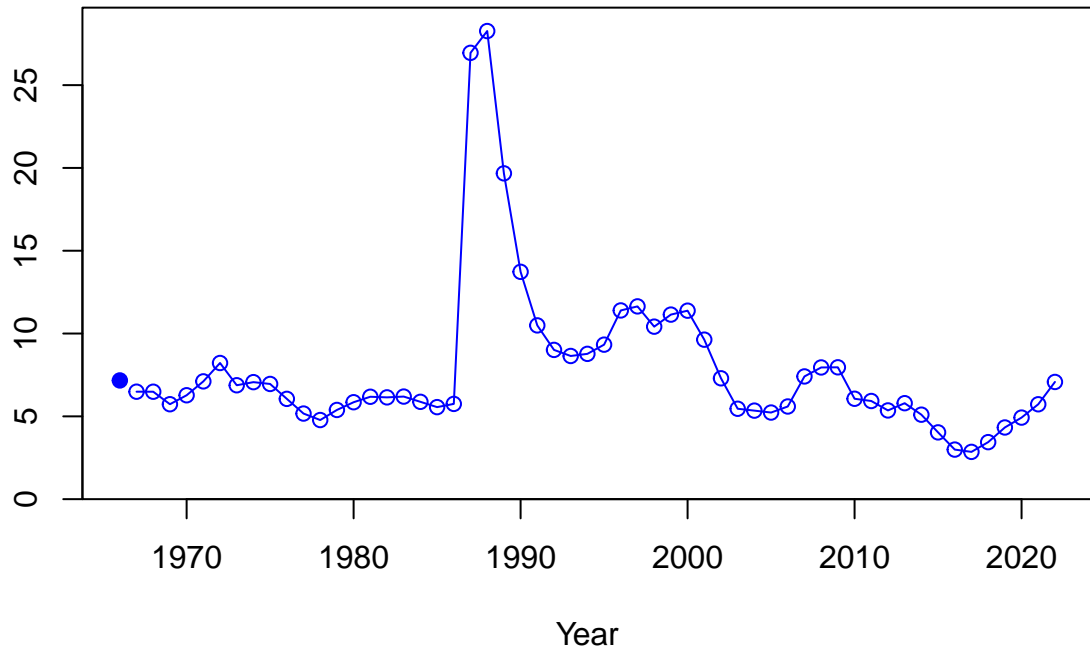


Selectivity

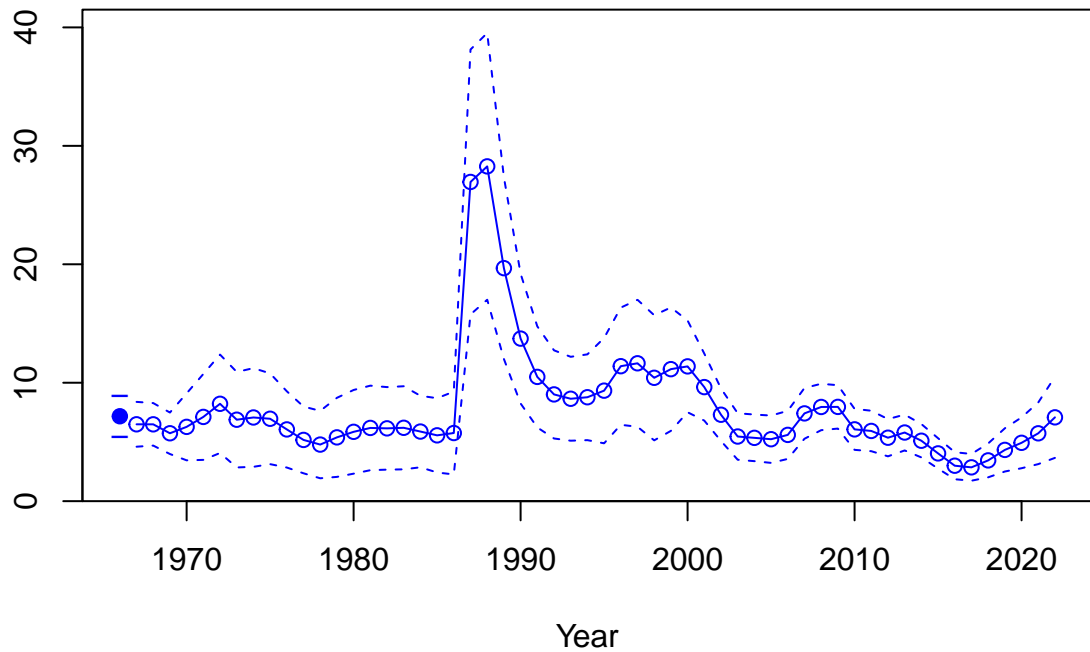




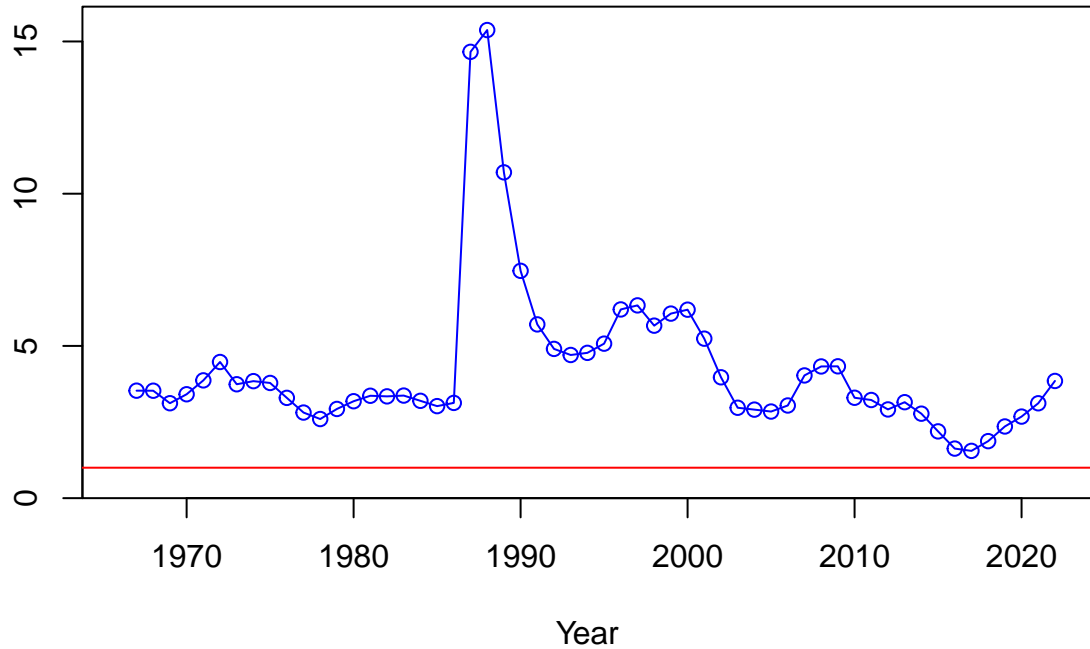
Spawning biomass (mt)



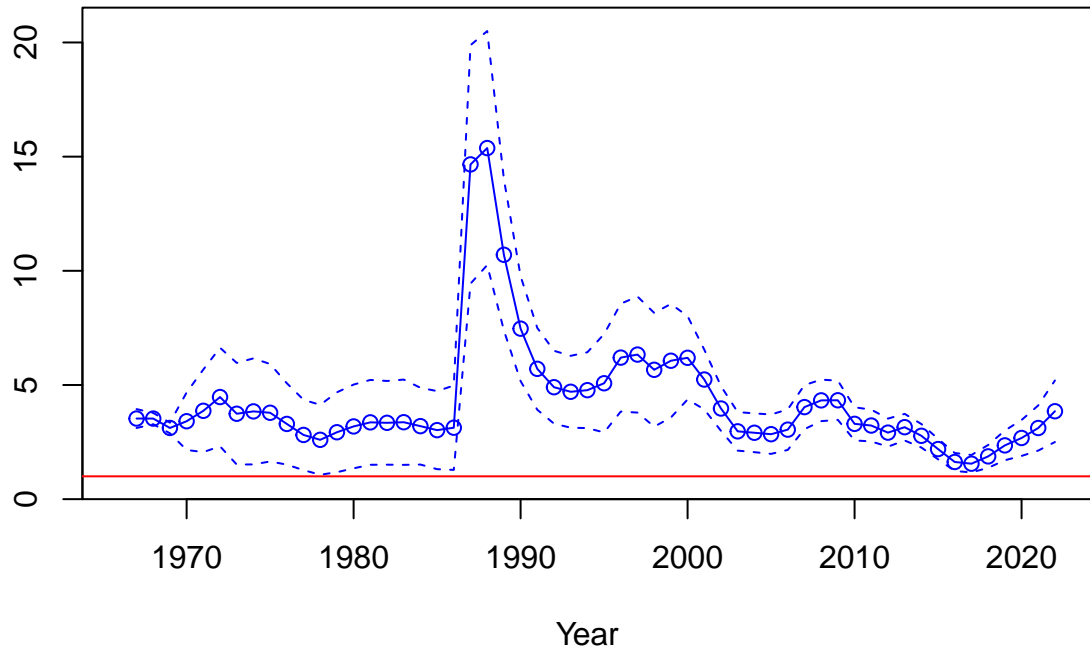
Spawning biomass (mt)

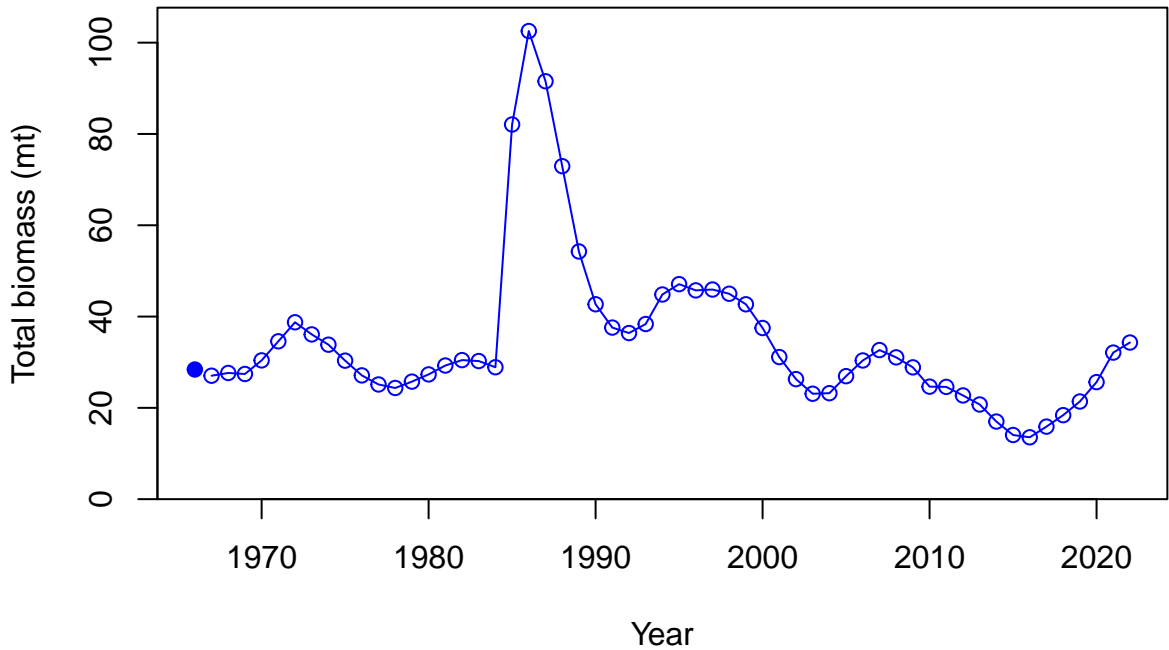


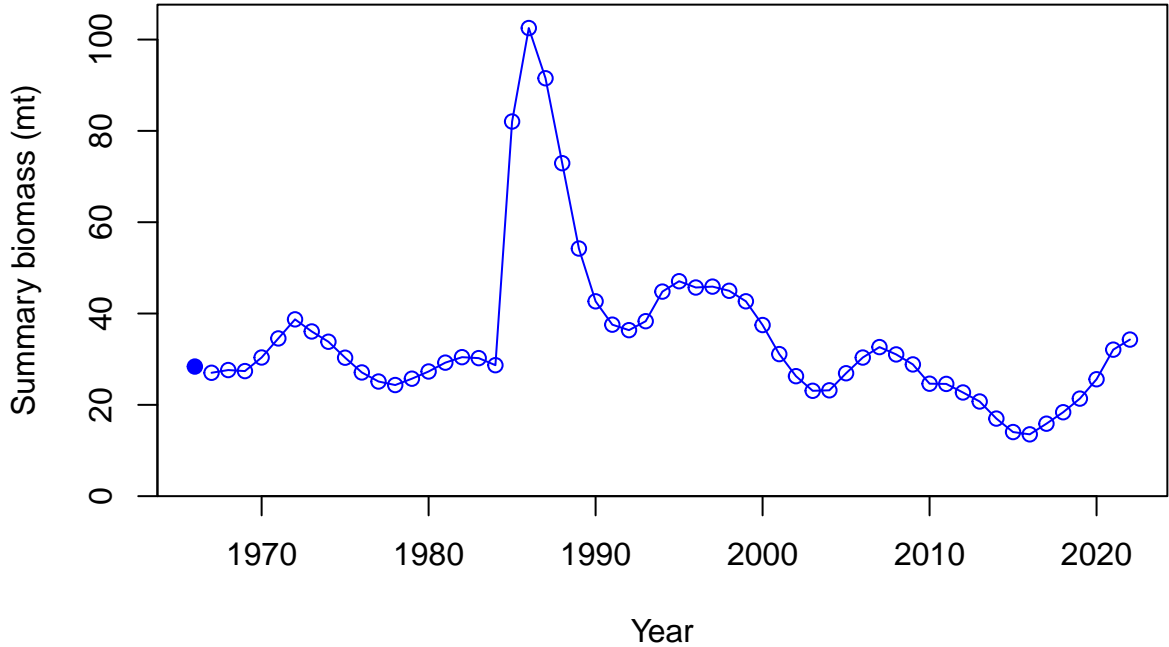
Relative spawning biomass: B/B_MSY

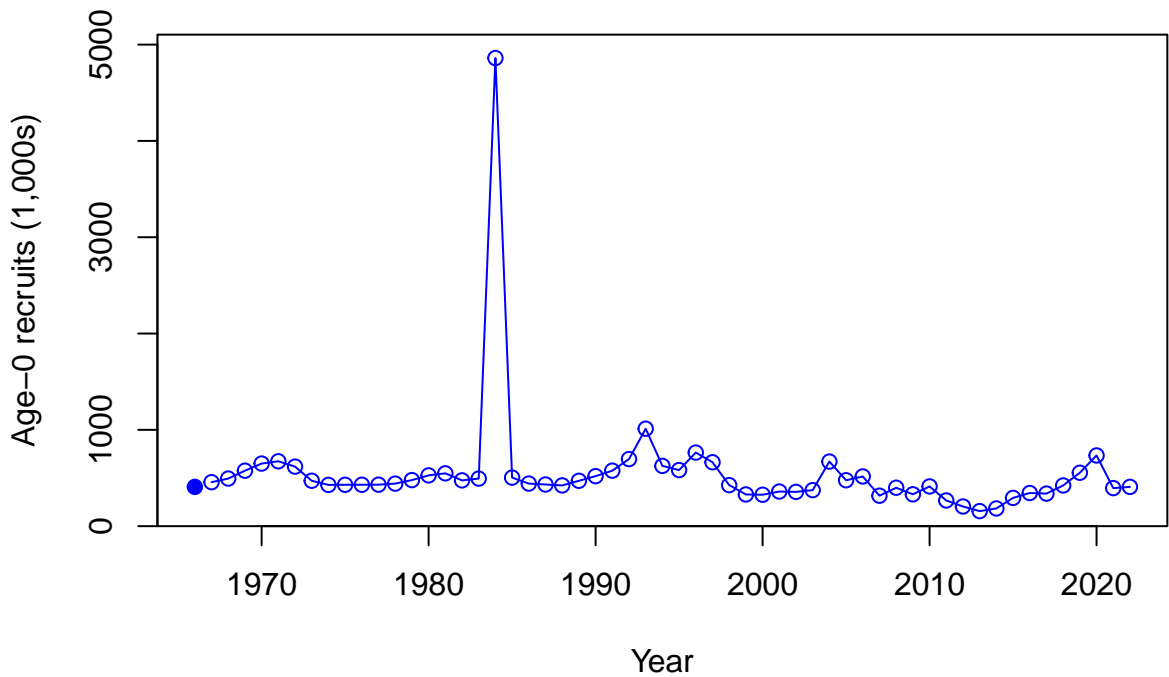


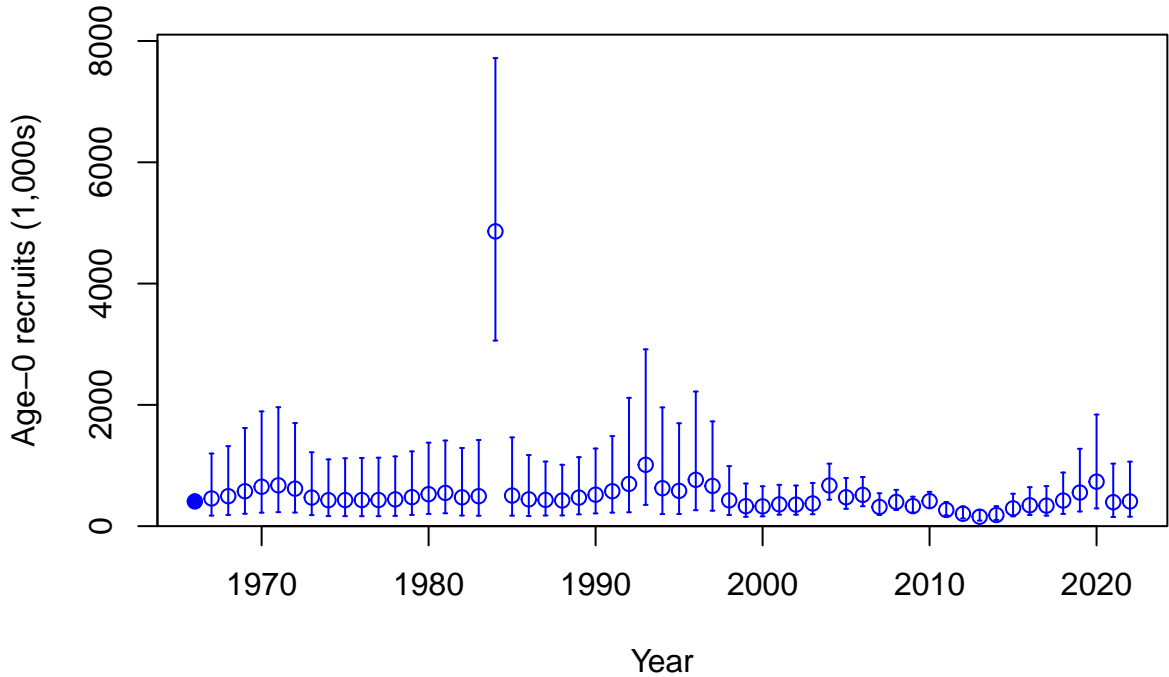
Relative spawning biomass: B/B_{MSY}



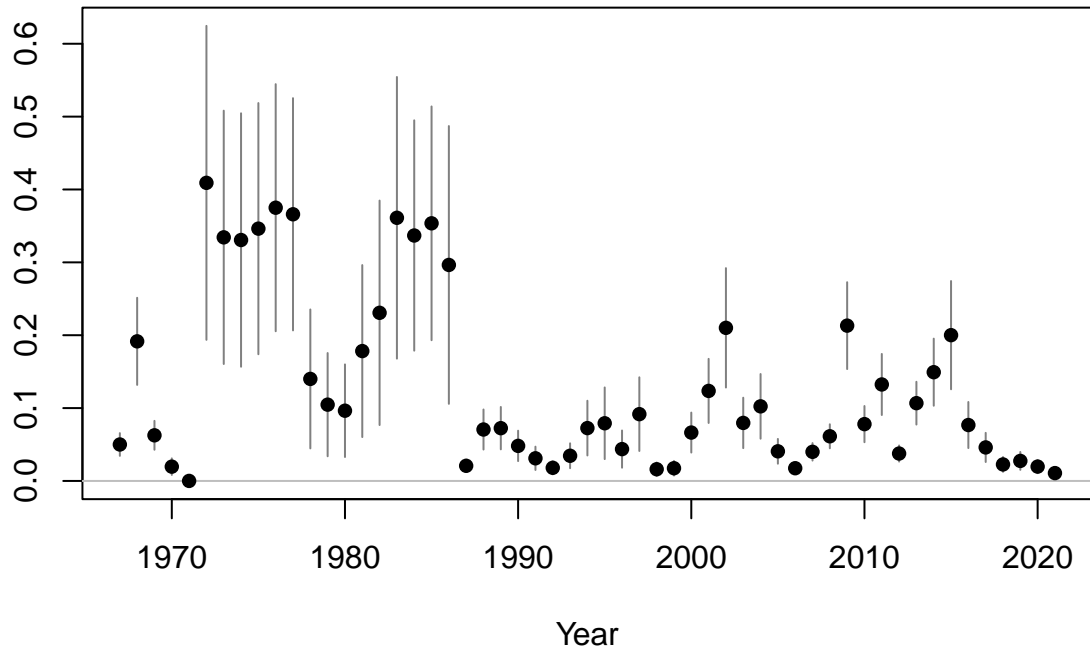


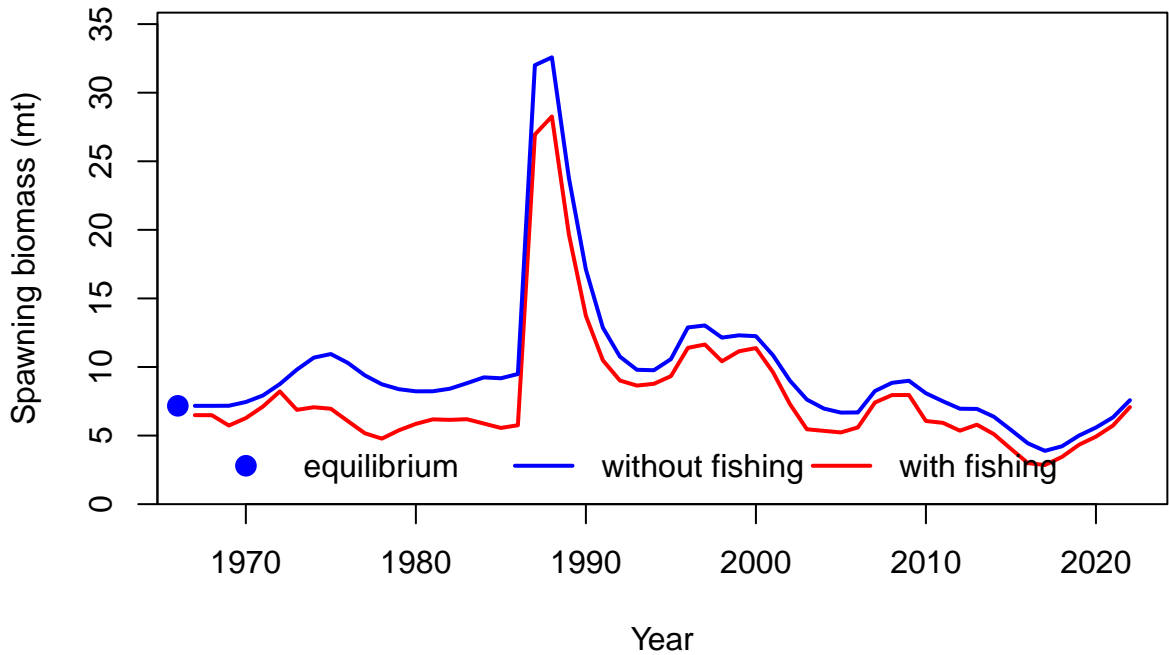




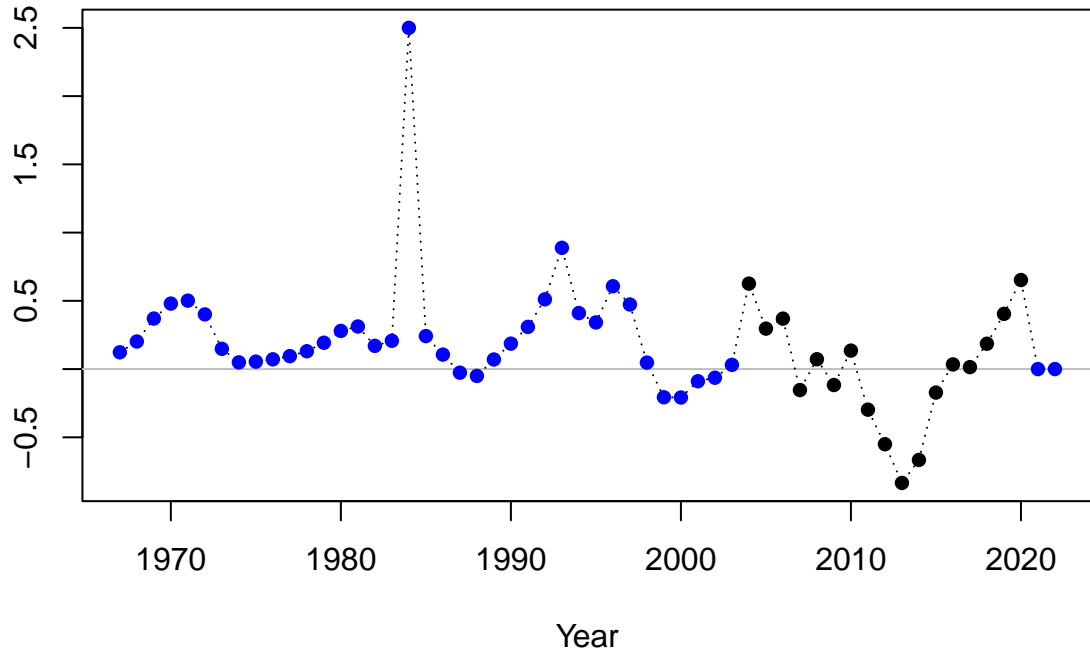


Summary Fishing Mortality

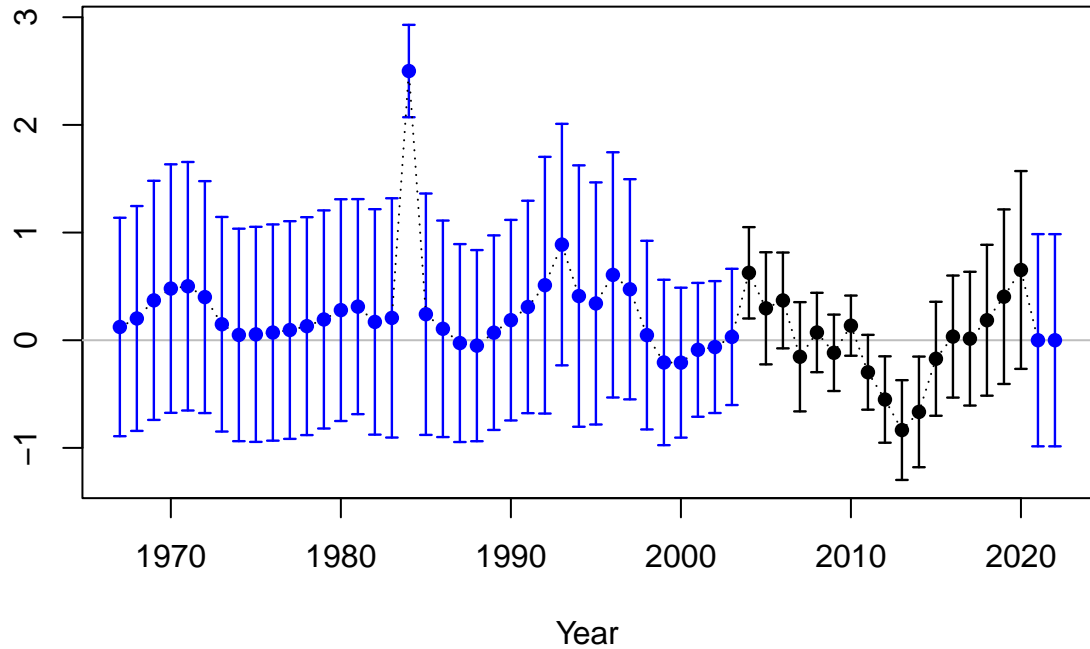




Log recruitment deviation

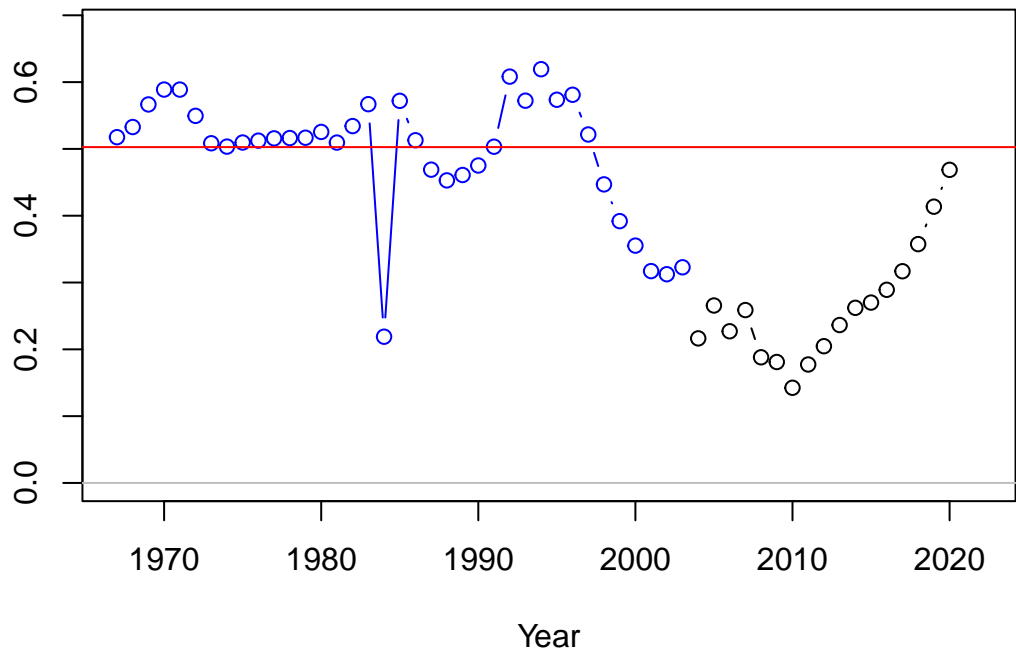


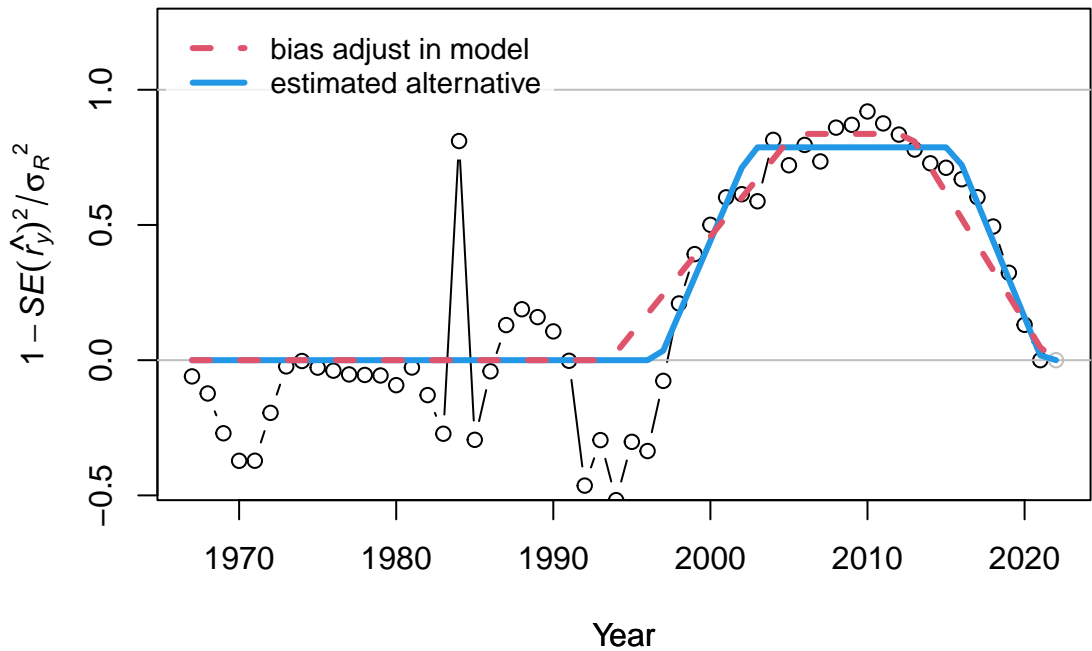
Log recruitment deviation

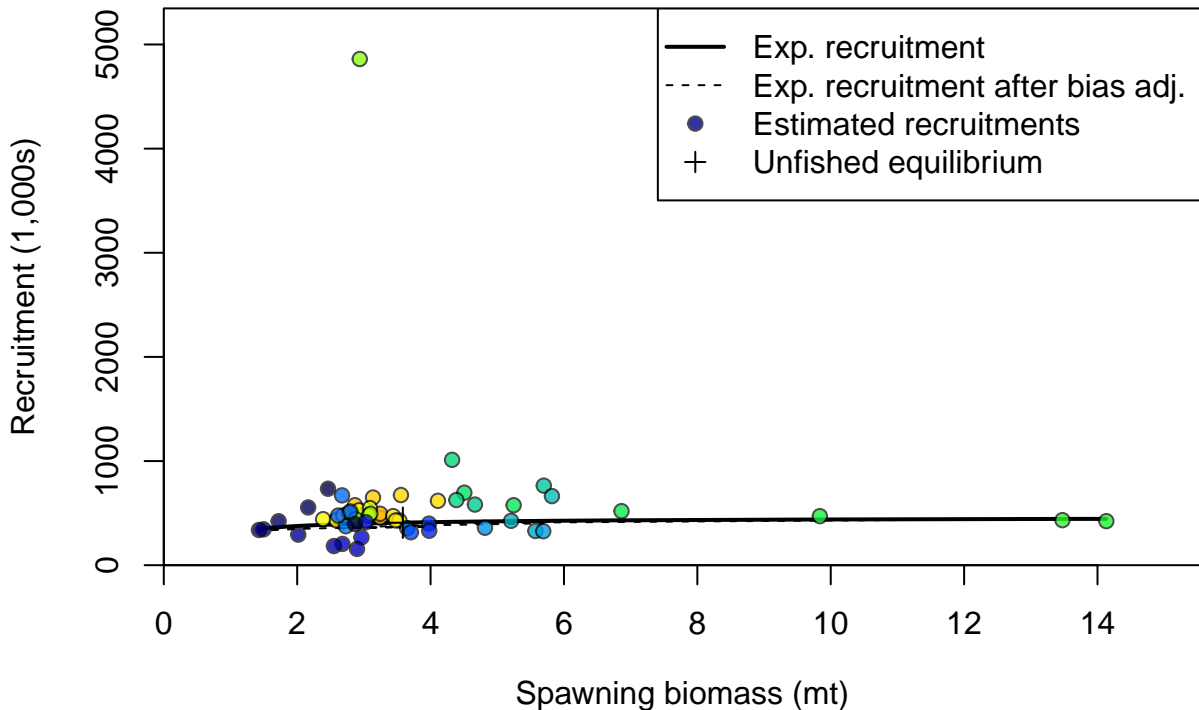


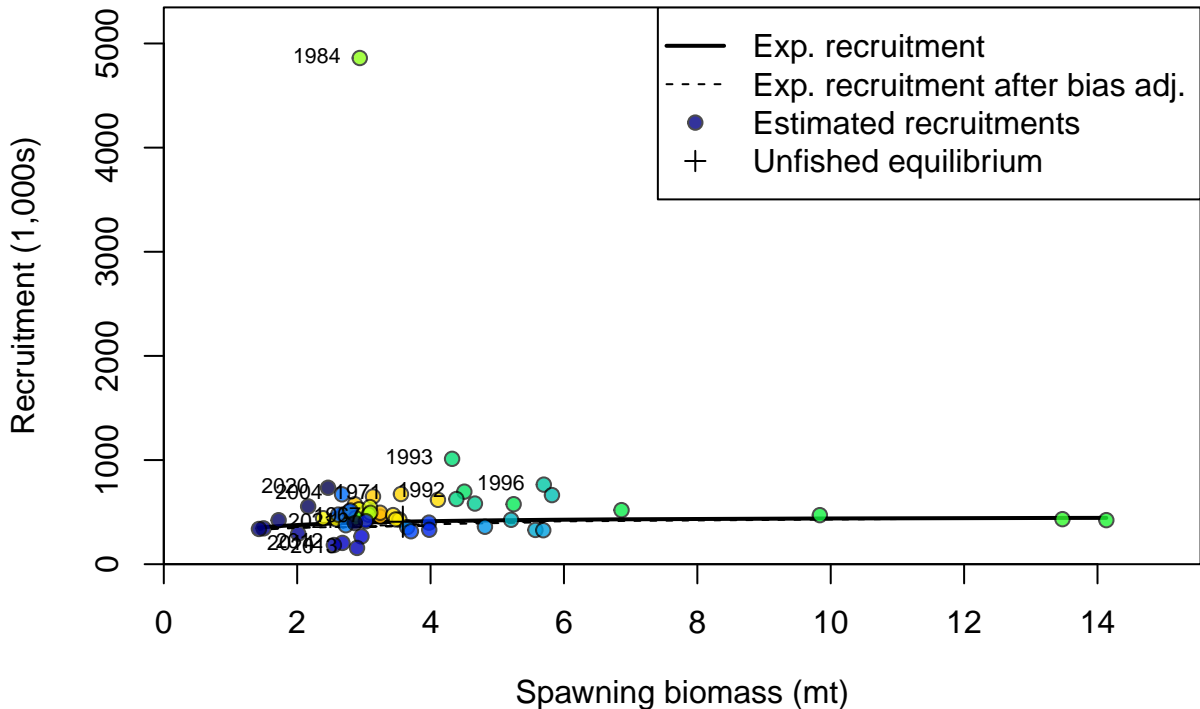
Recruitment deviation variance

Asymptotic standard error estimate

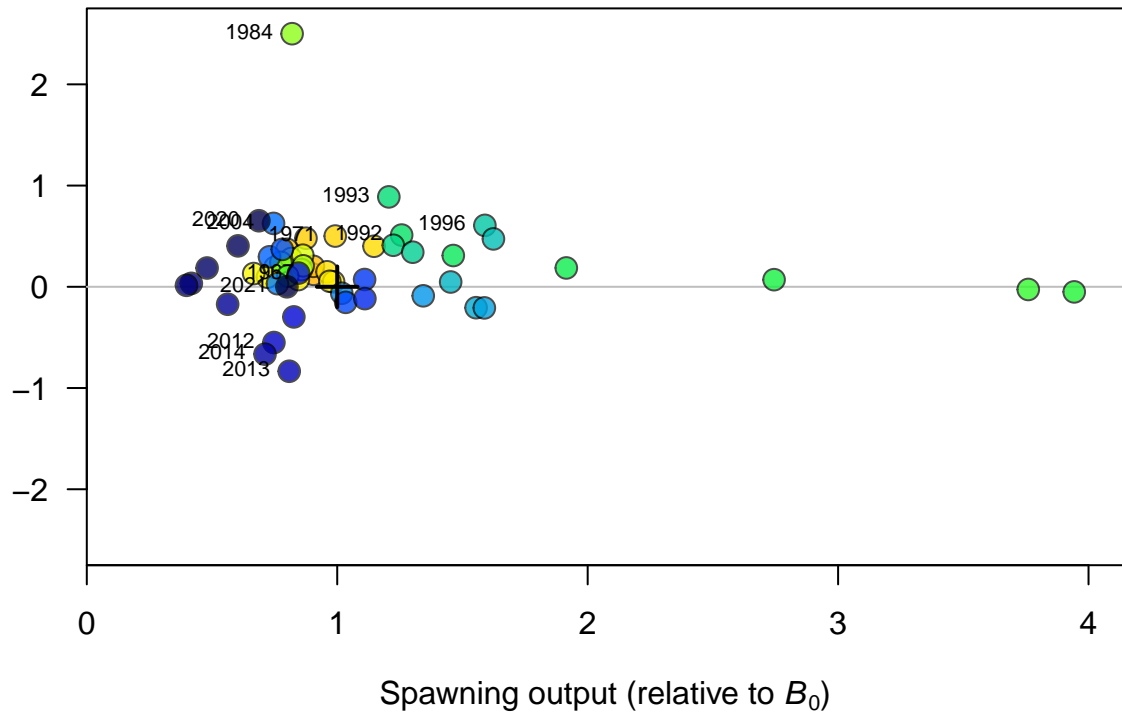


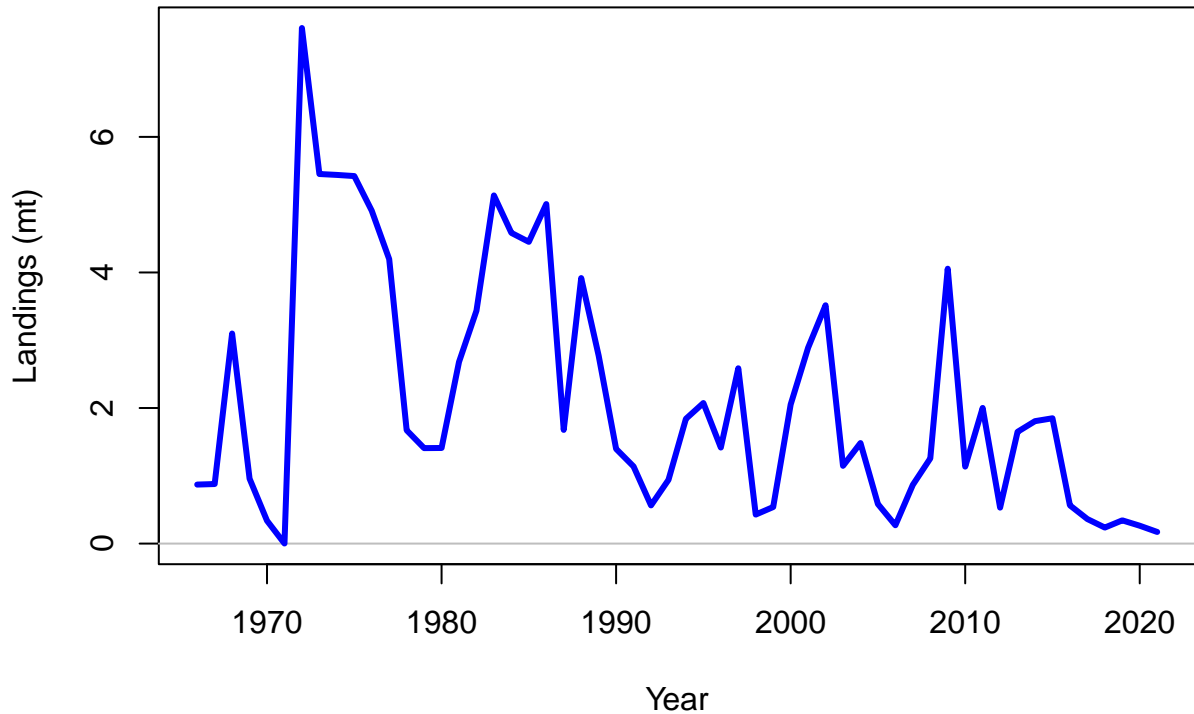


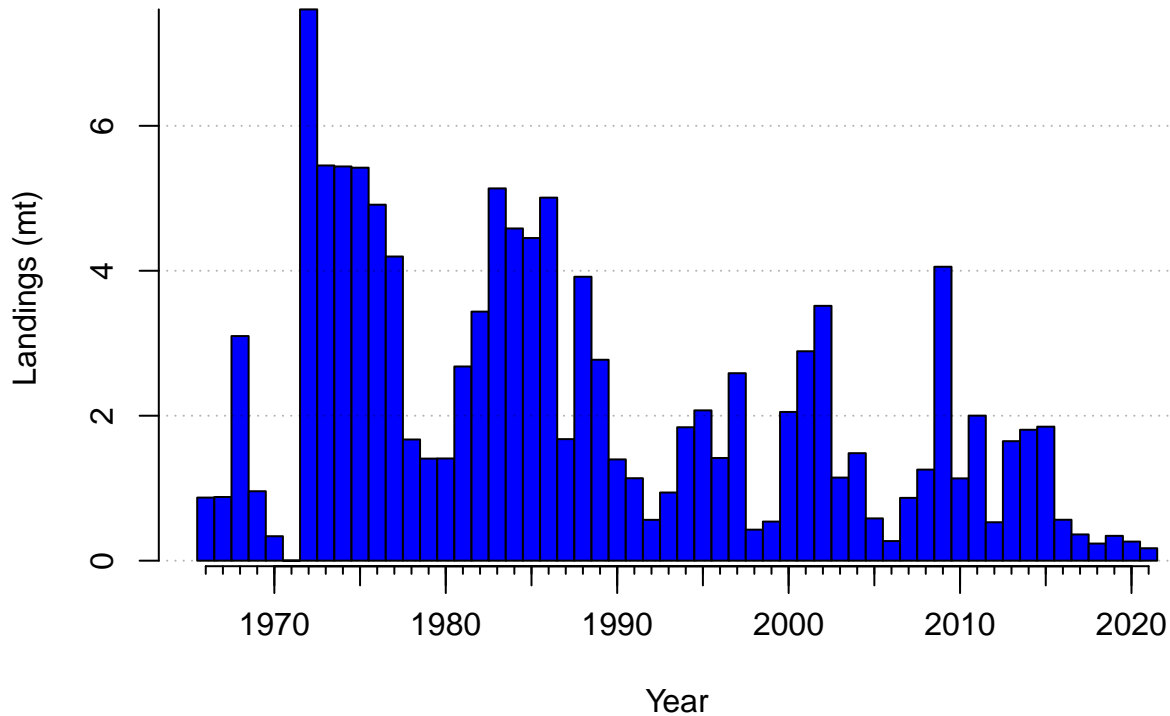


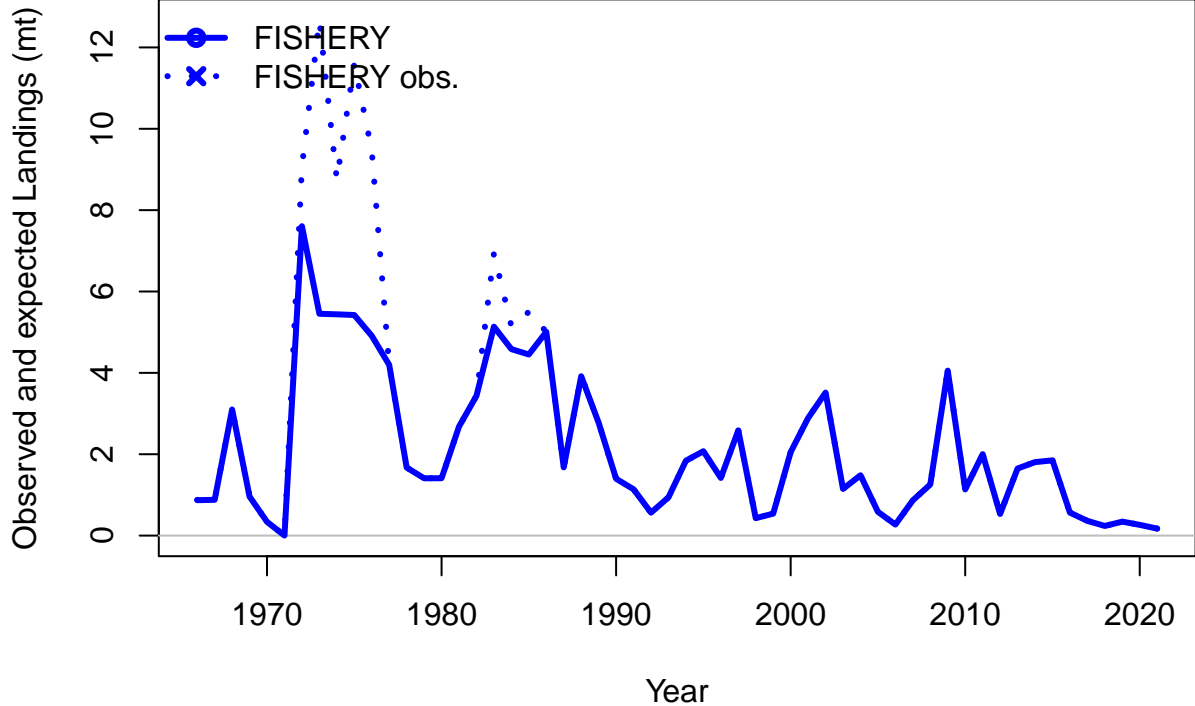


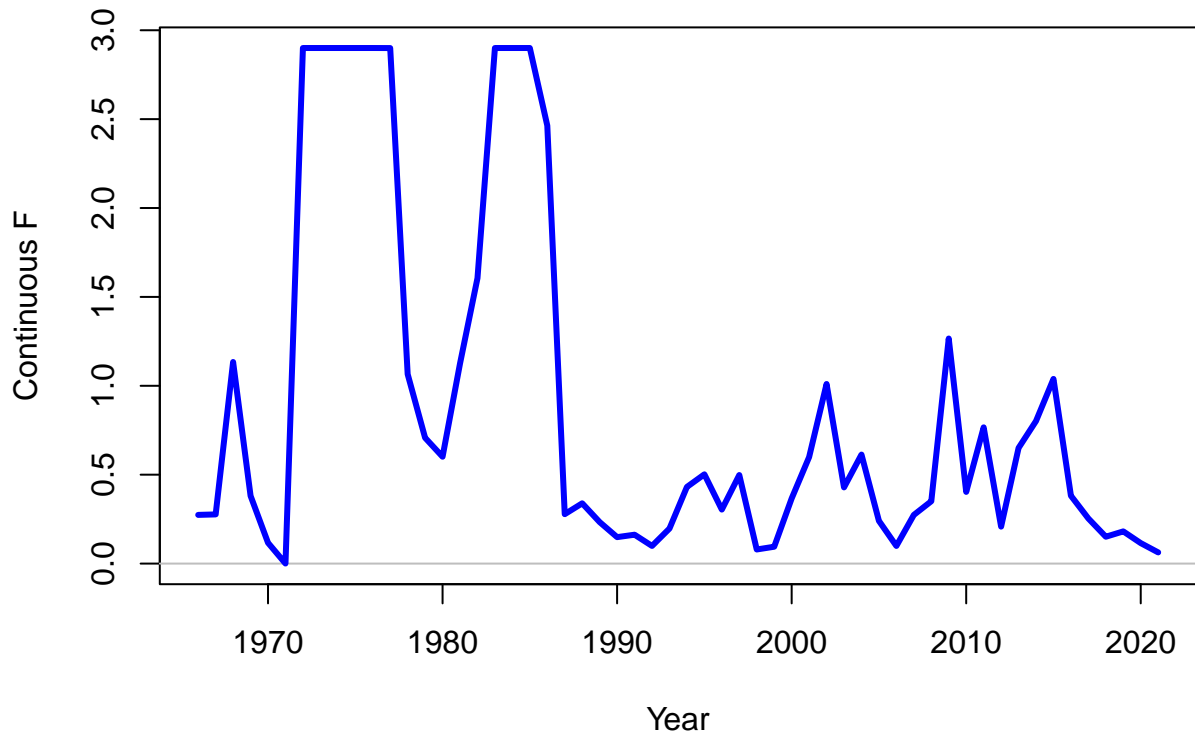
Log recruitment deviation



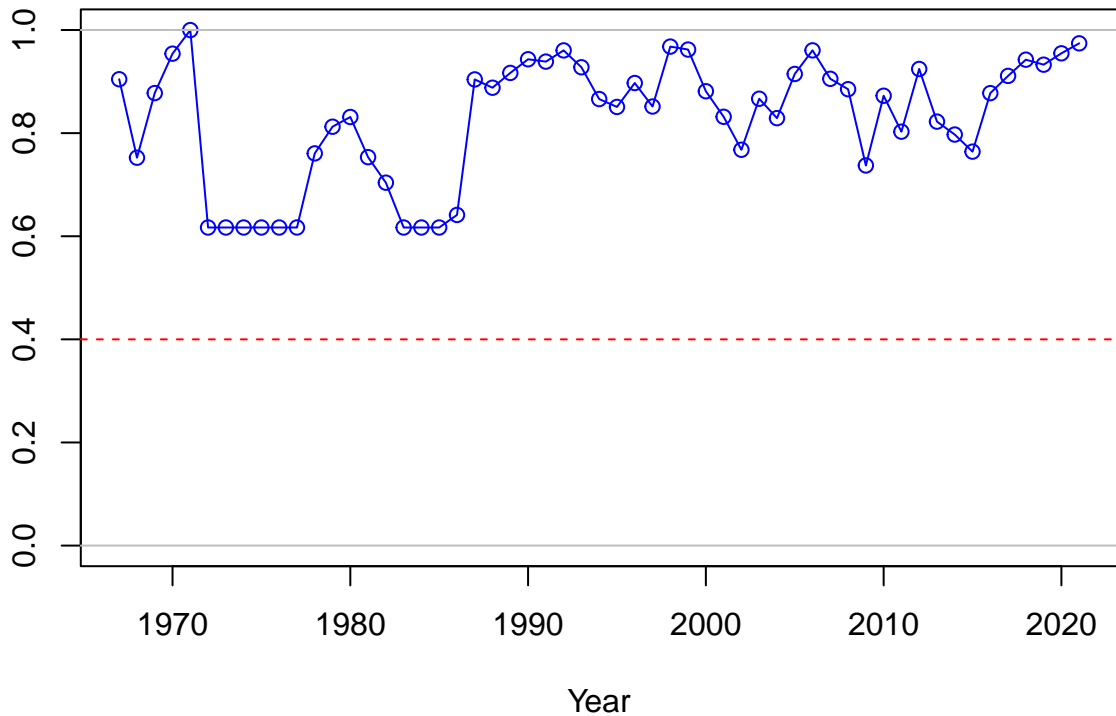




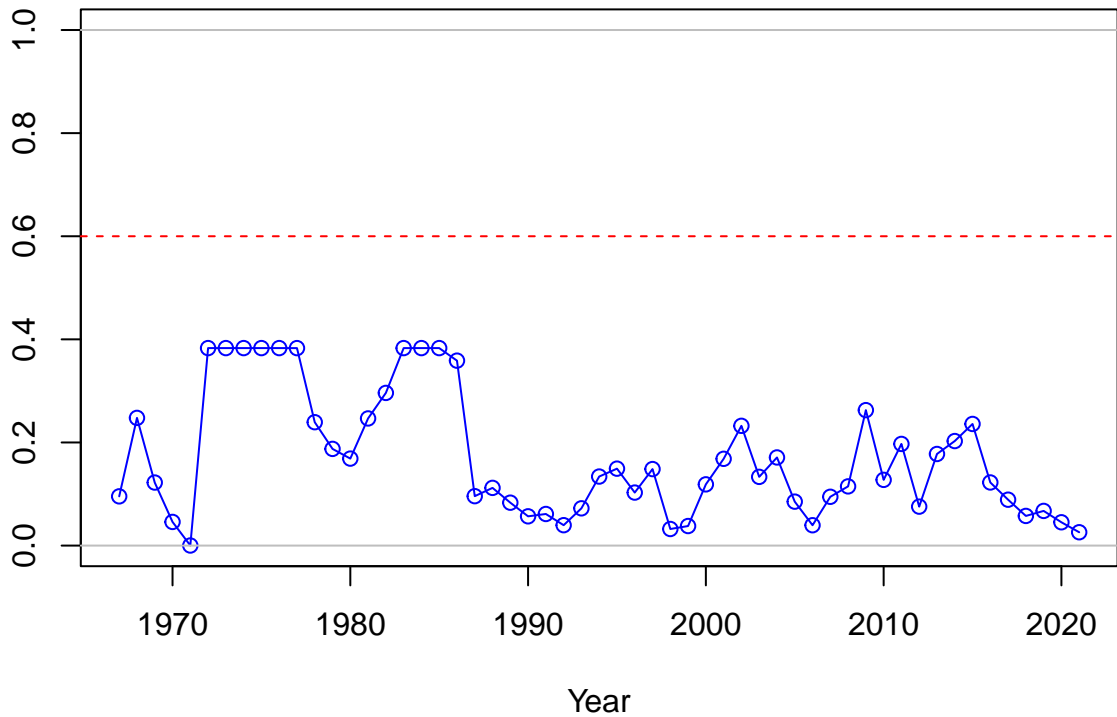




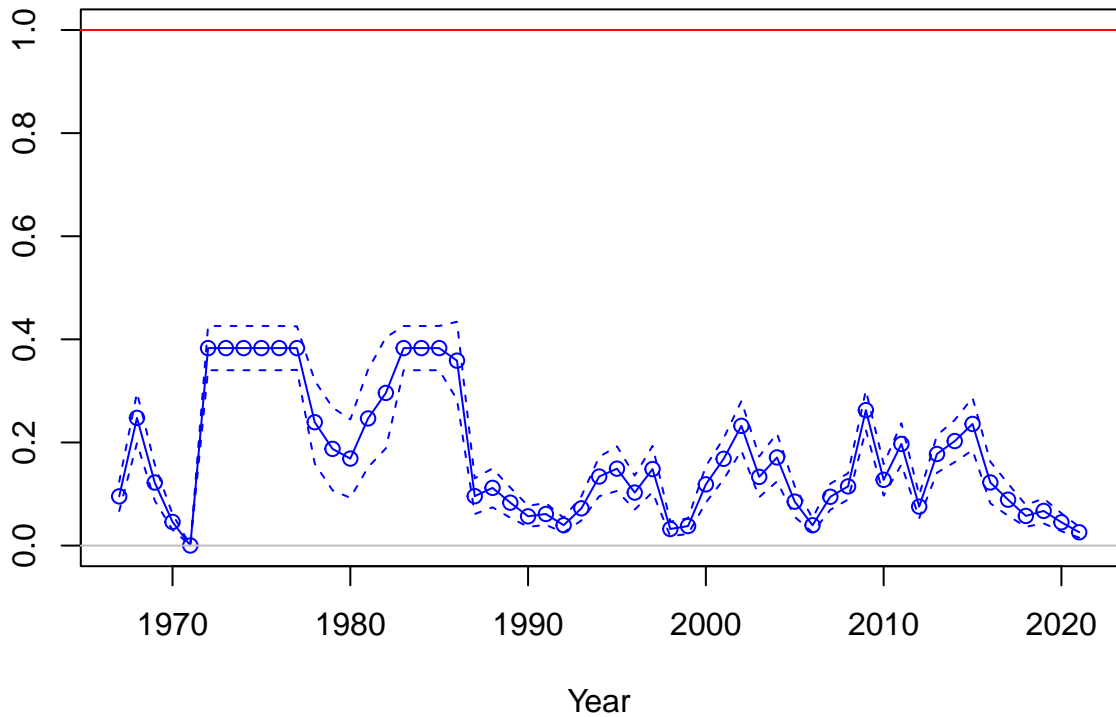
SPR



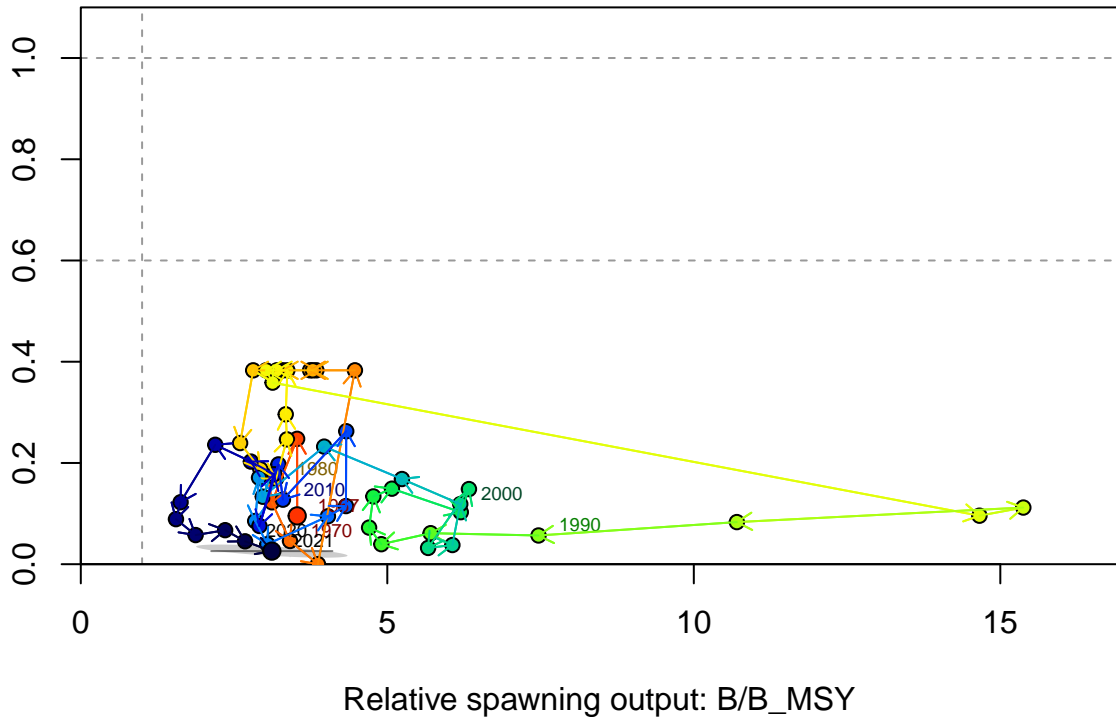
1-SPR

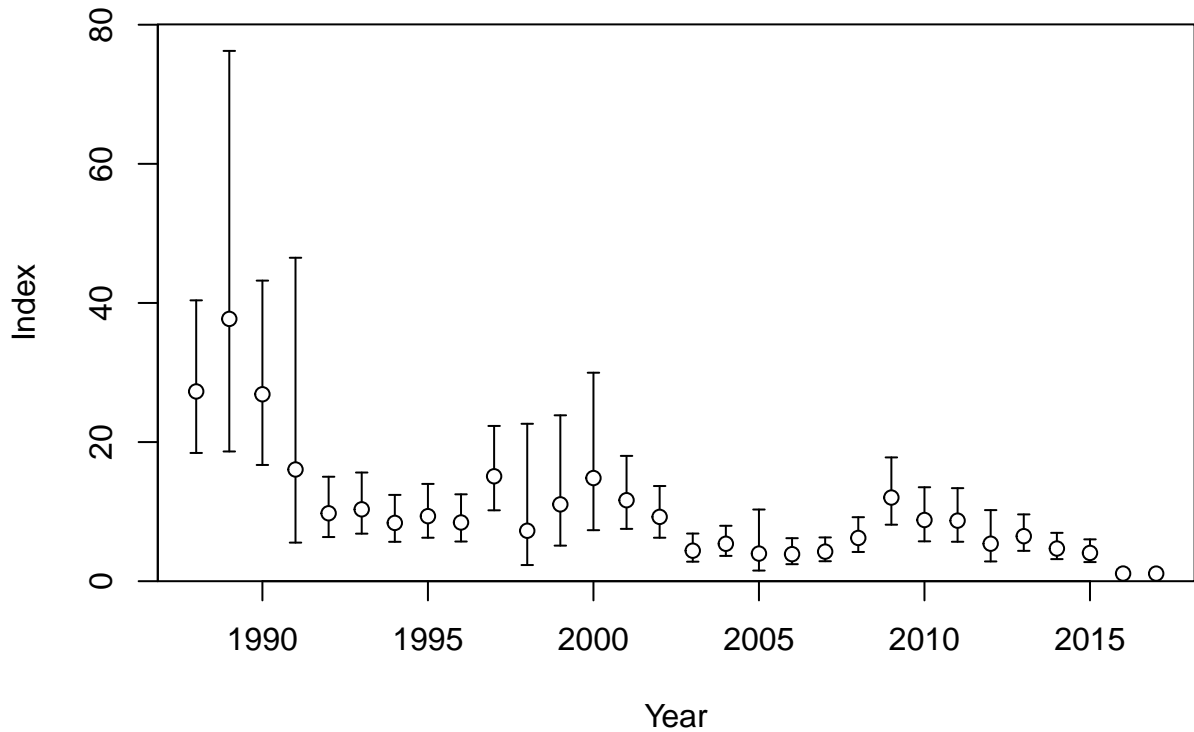


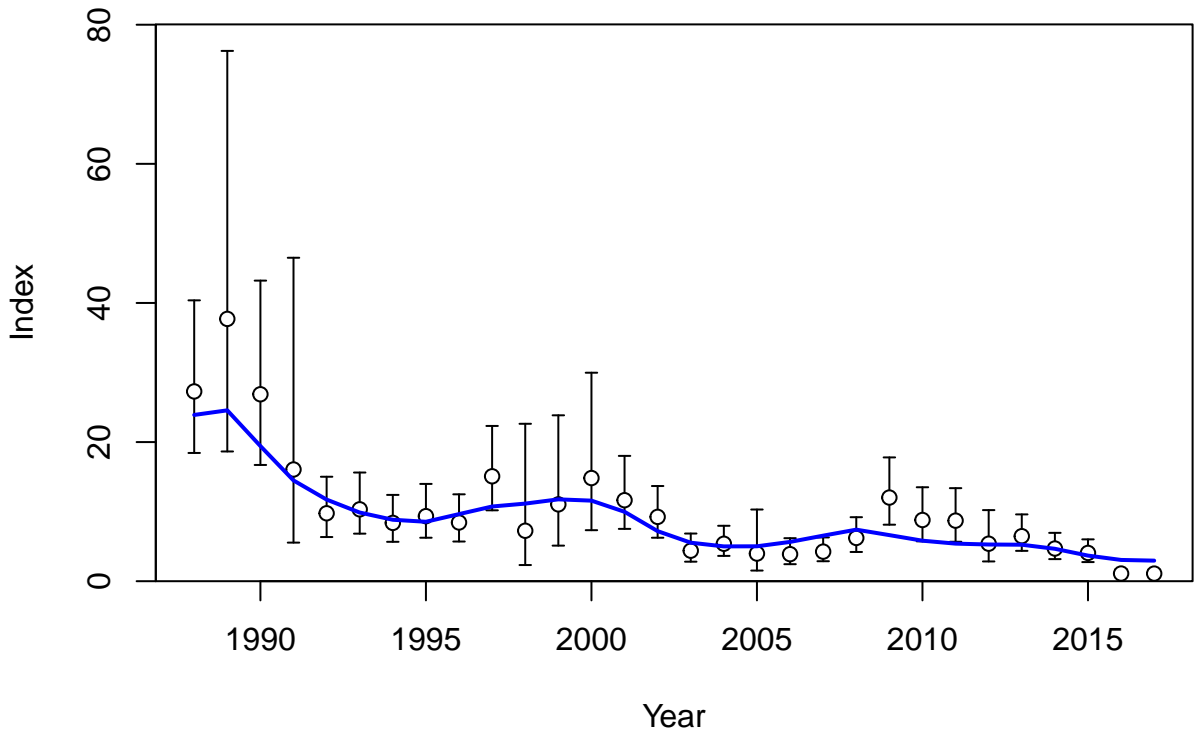
Fishing intensity: 1-SPR

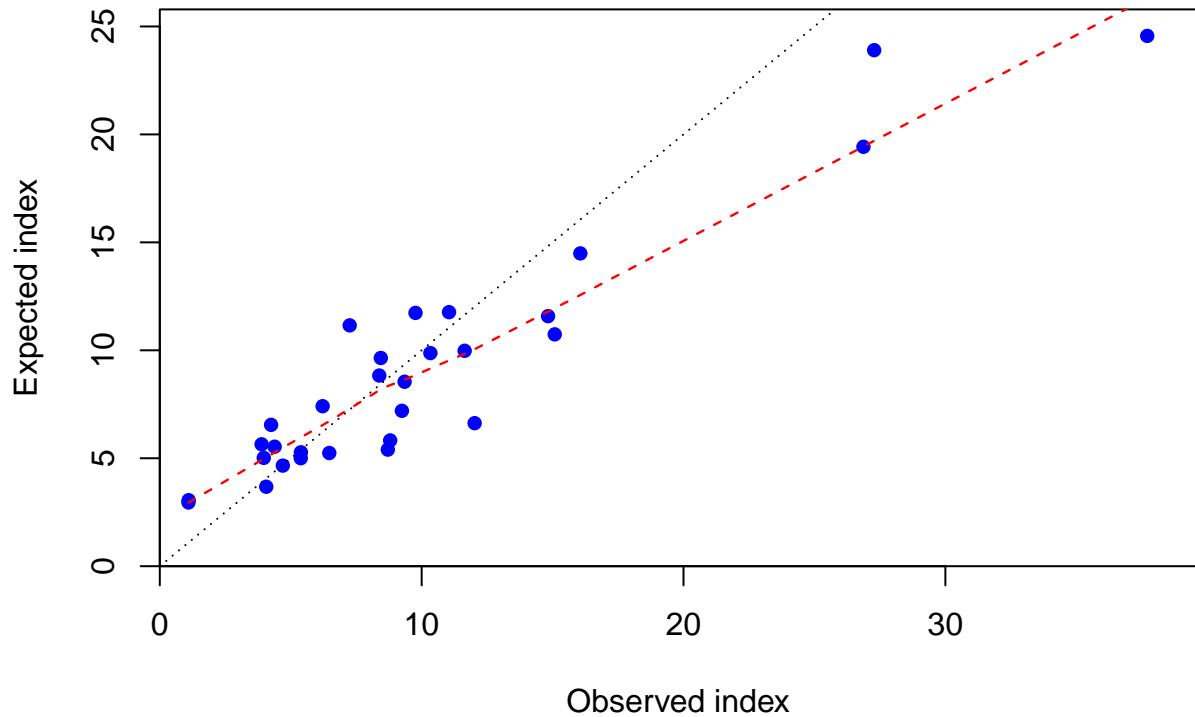


Fishing intensity: 1-SPR









Log index

4
3
2
1
0

1990

1995

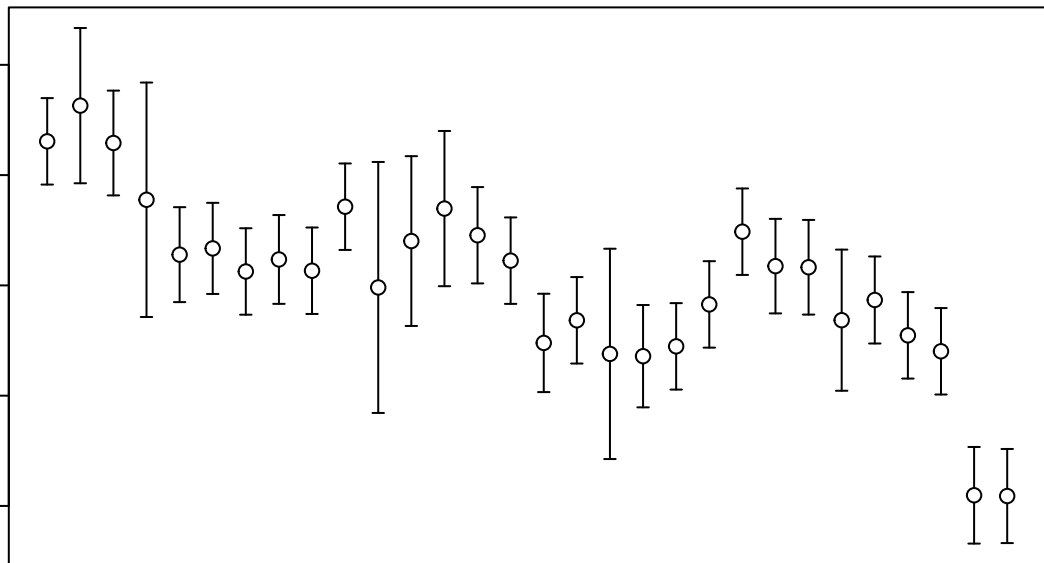
2000

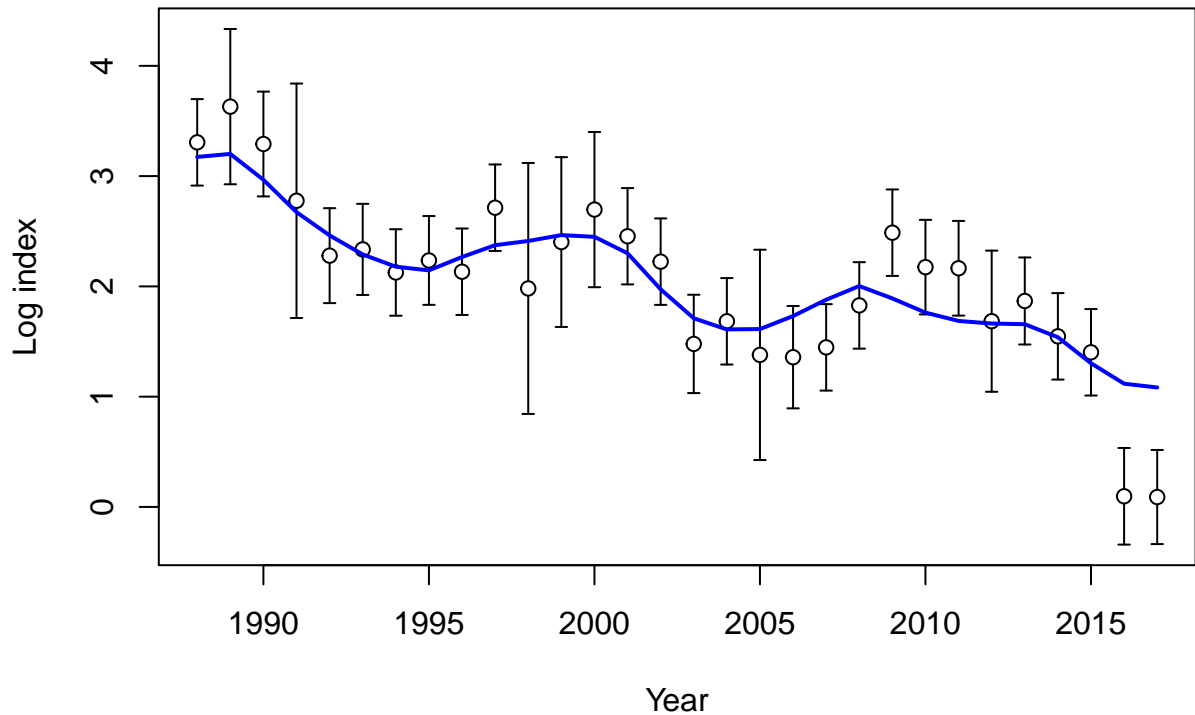
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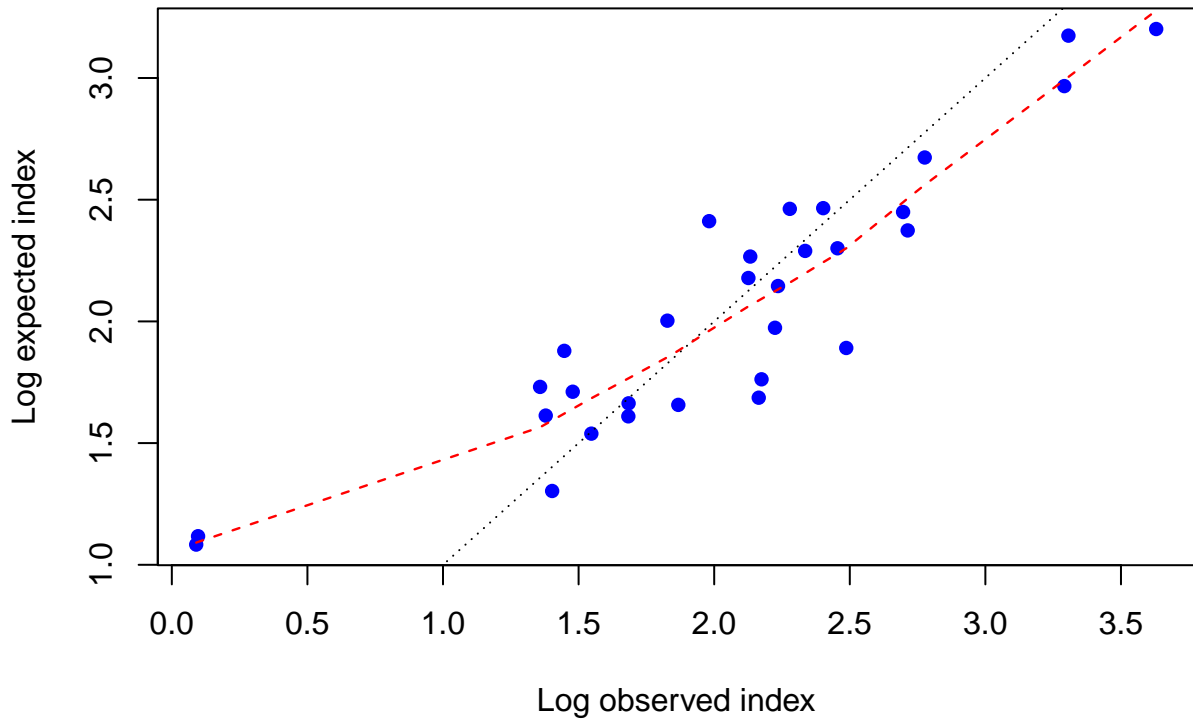
2010

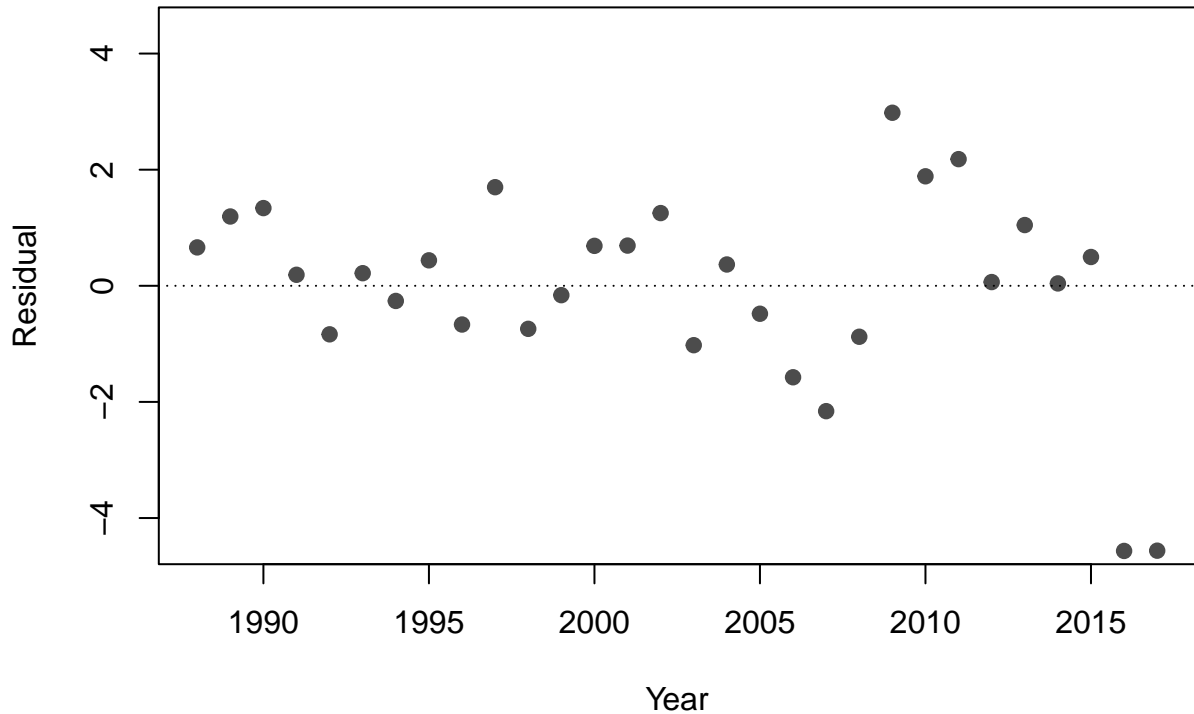
2015

Year

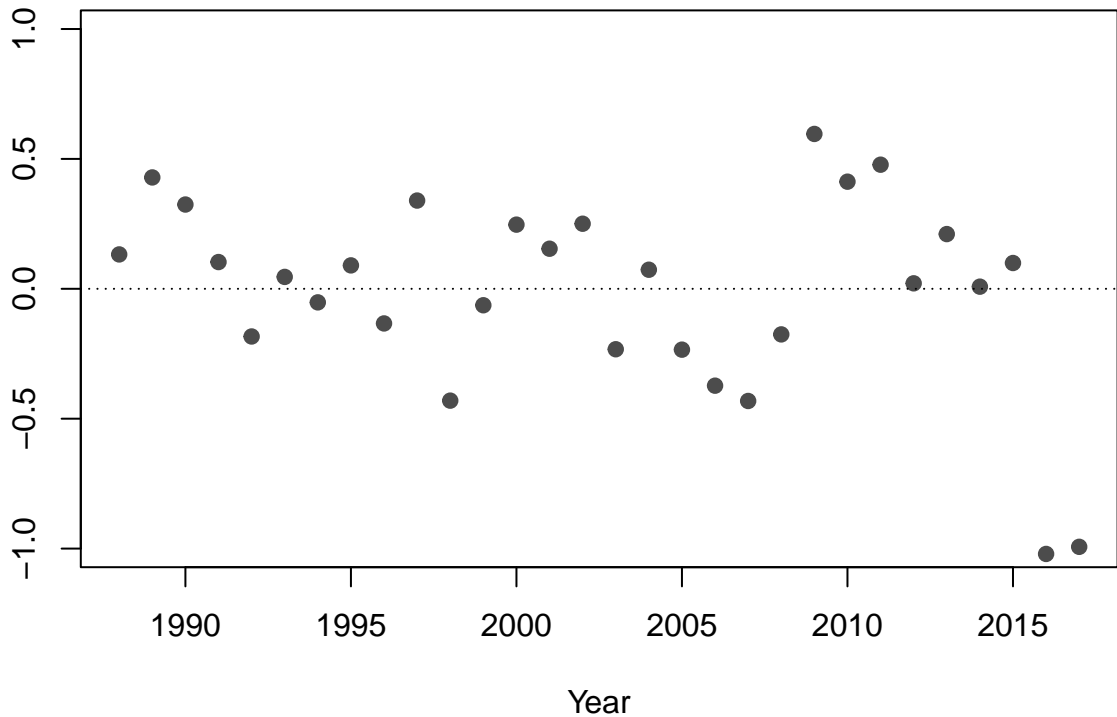


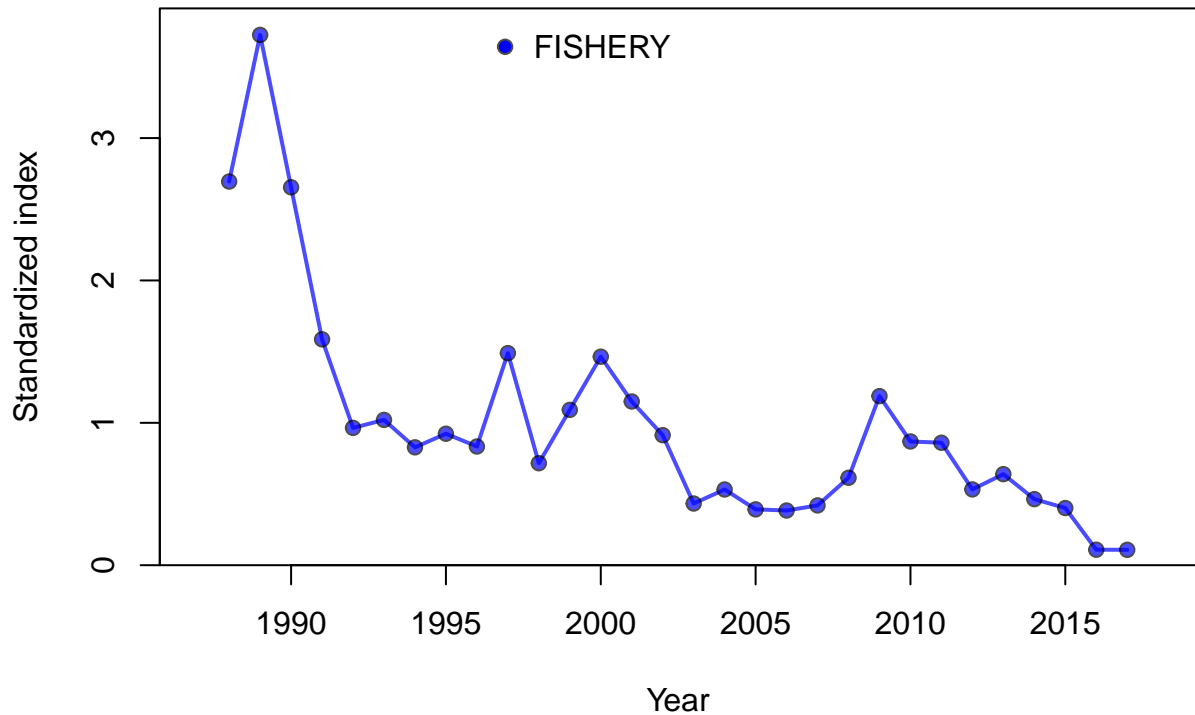




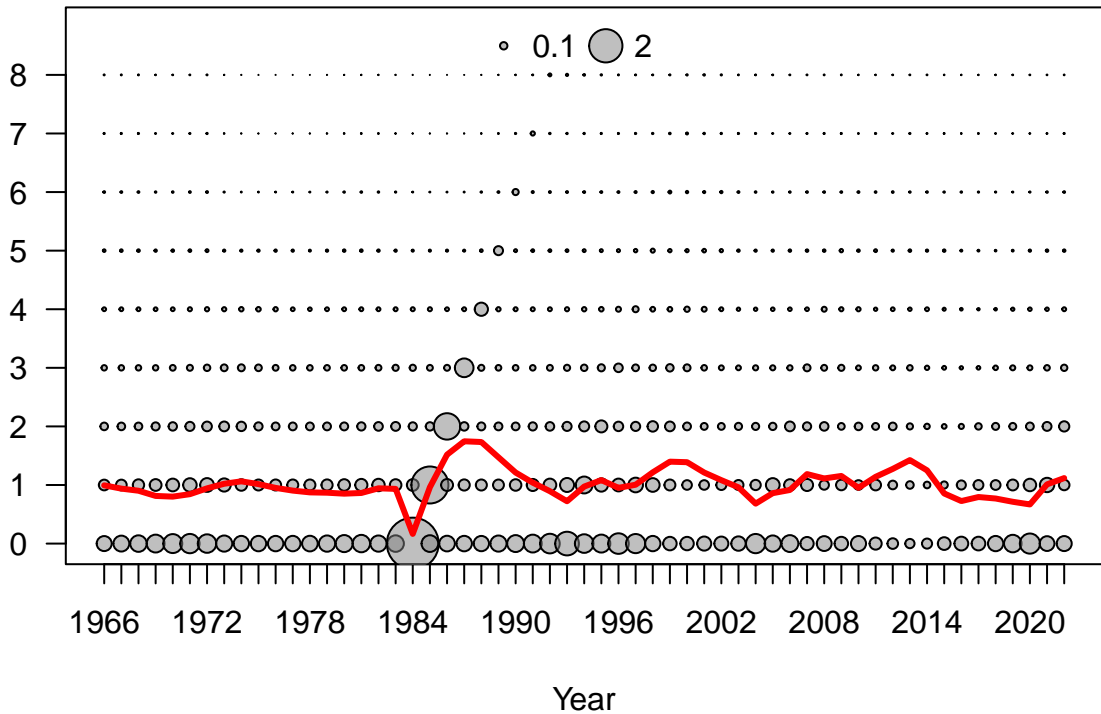


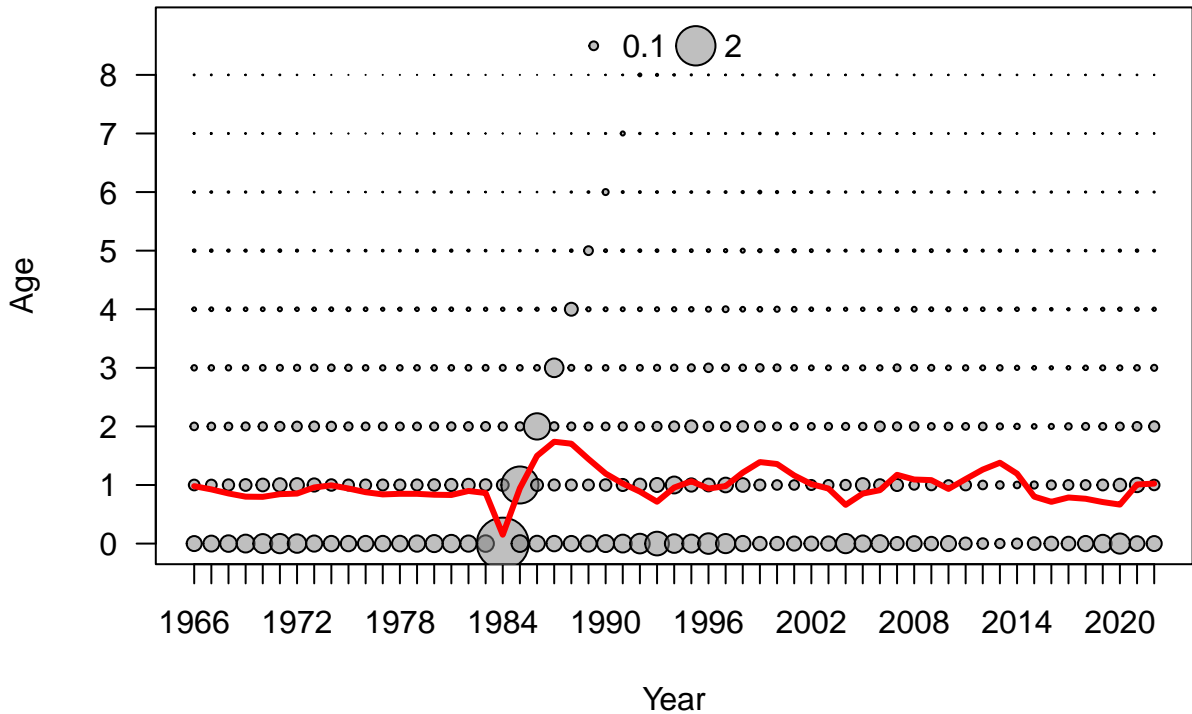
Deviation

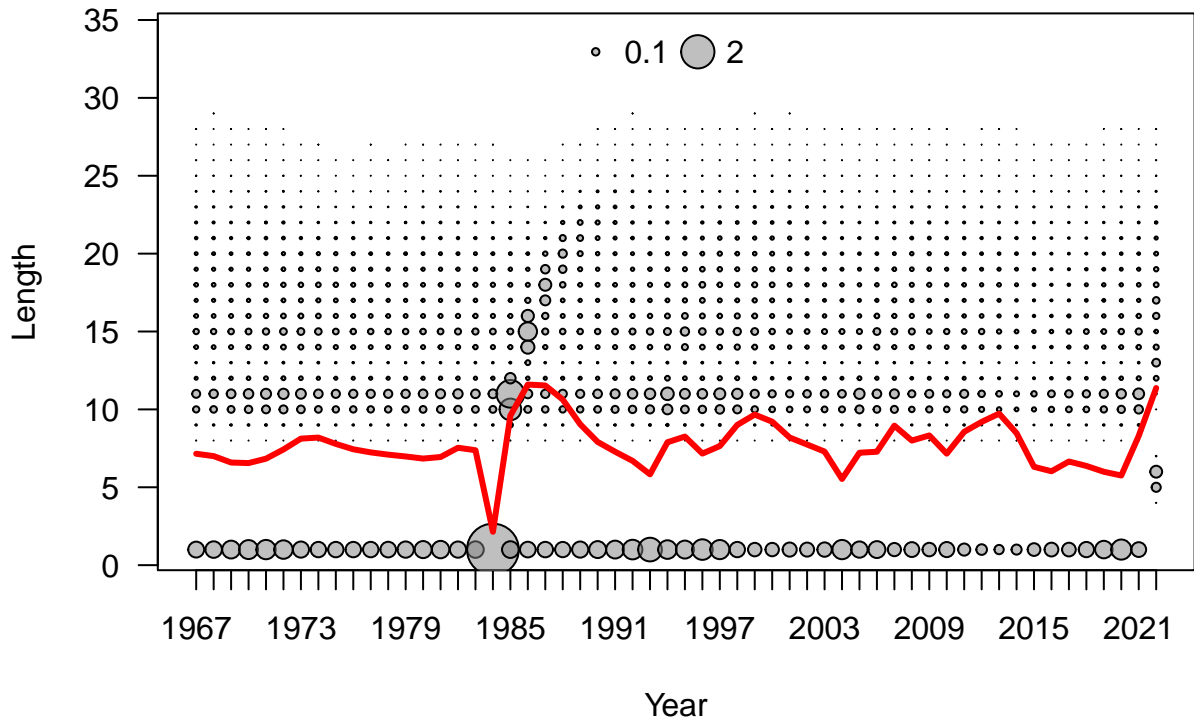


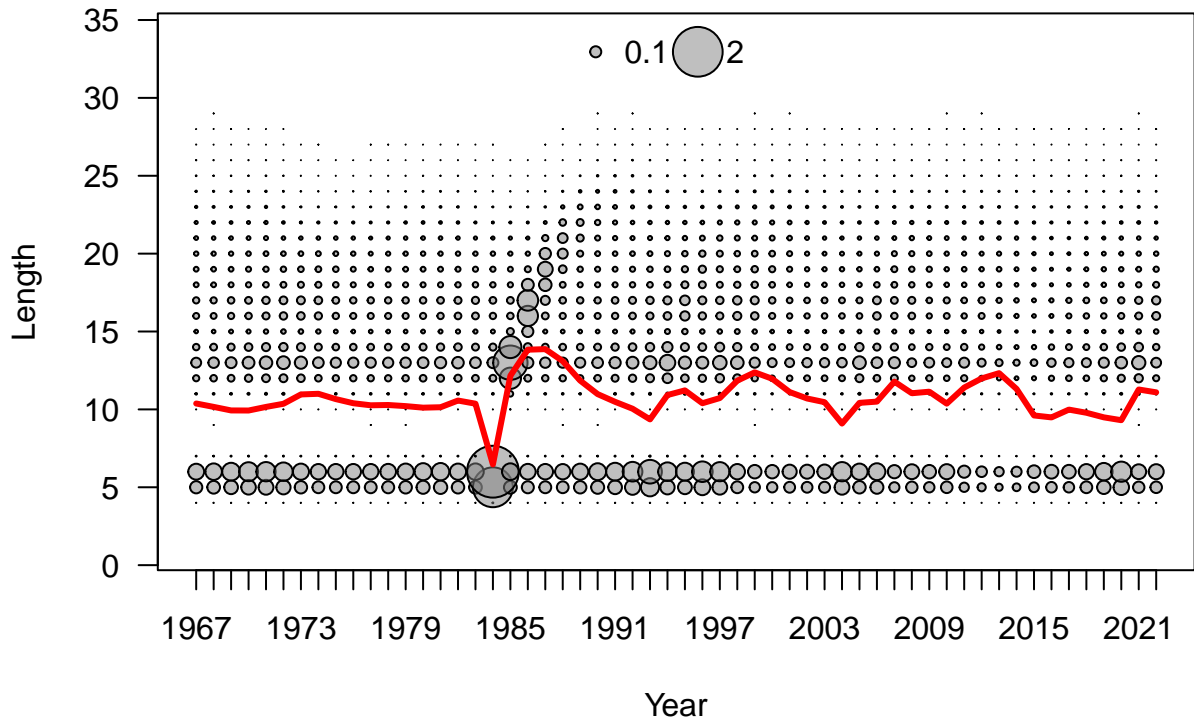


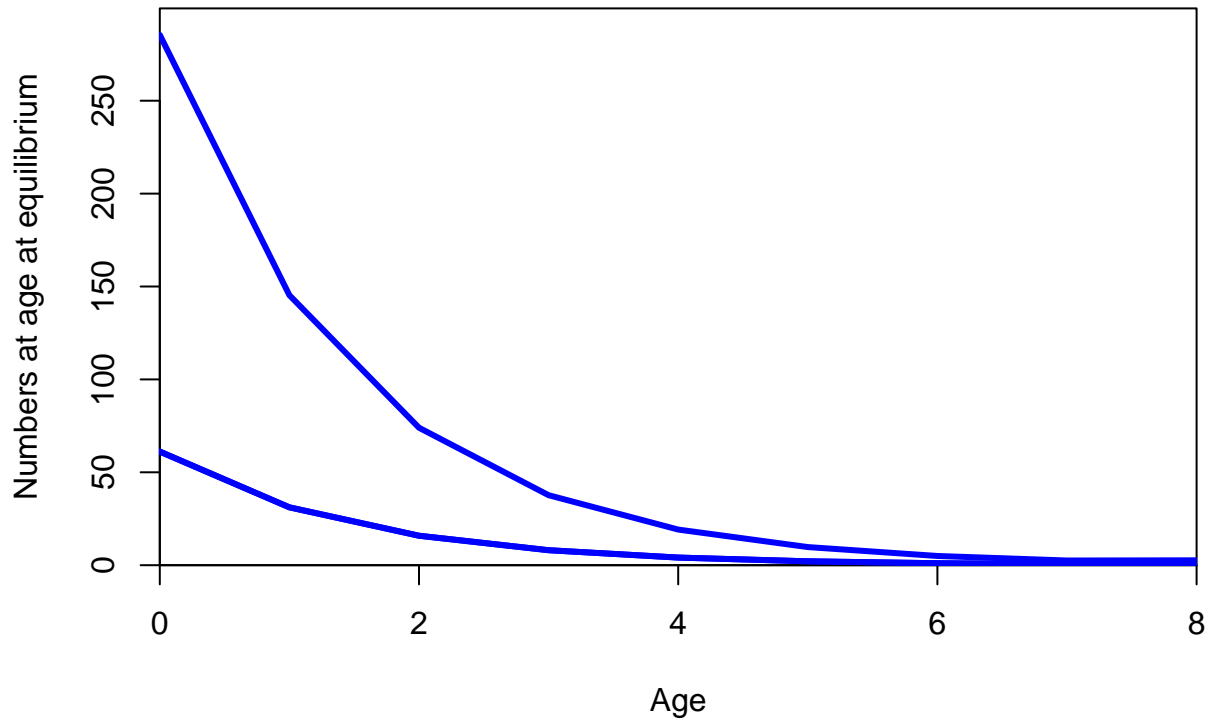
Age

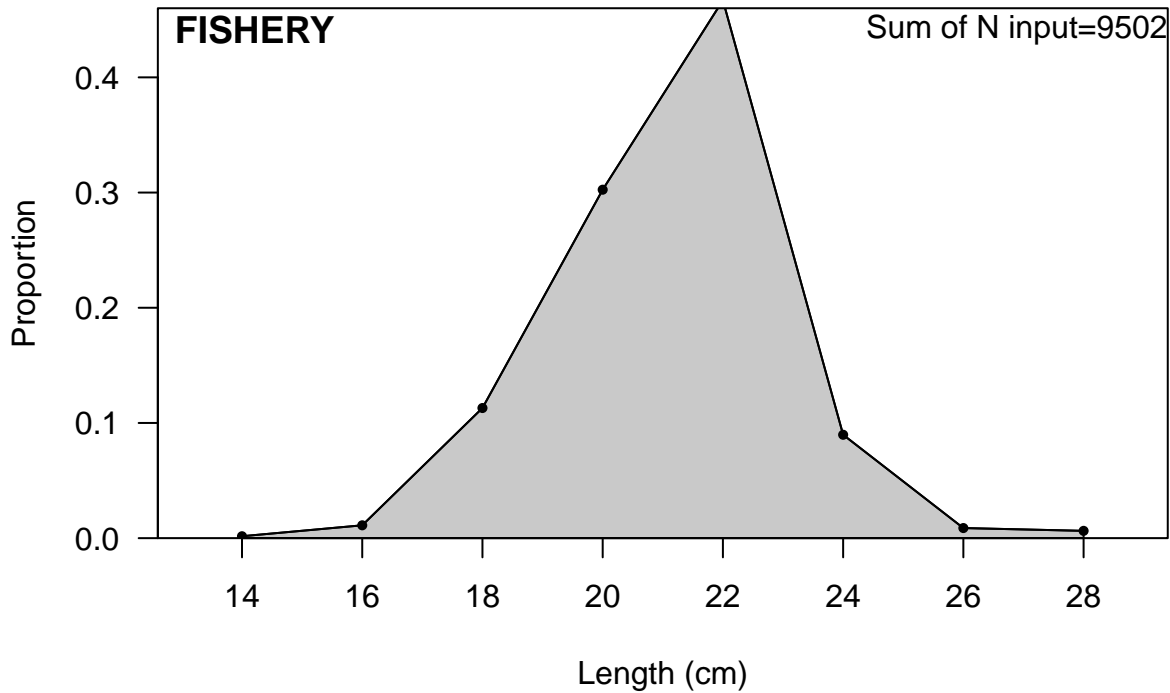


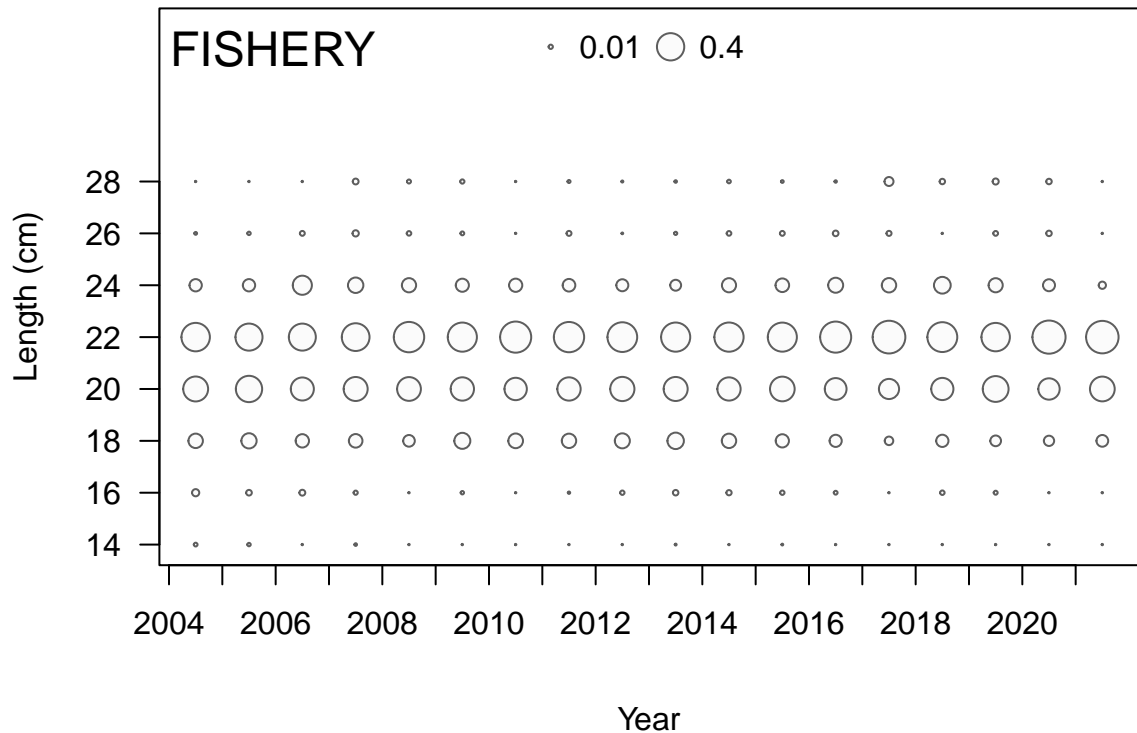




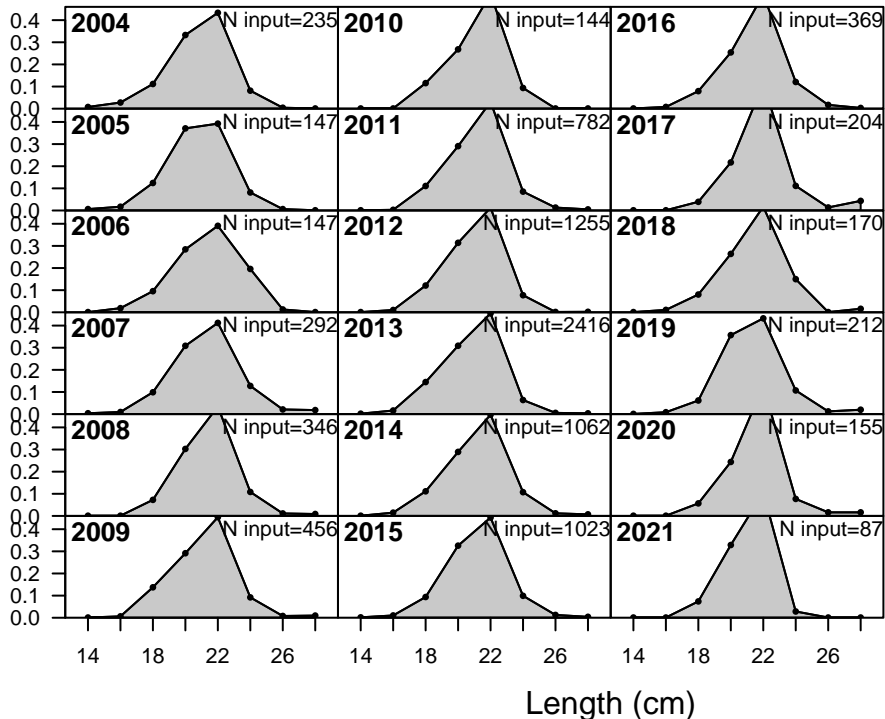


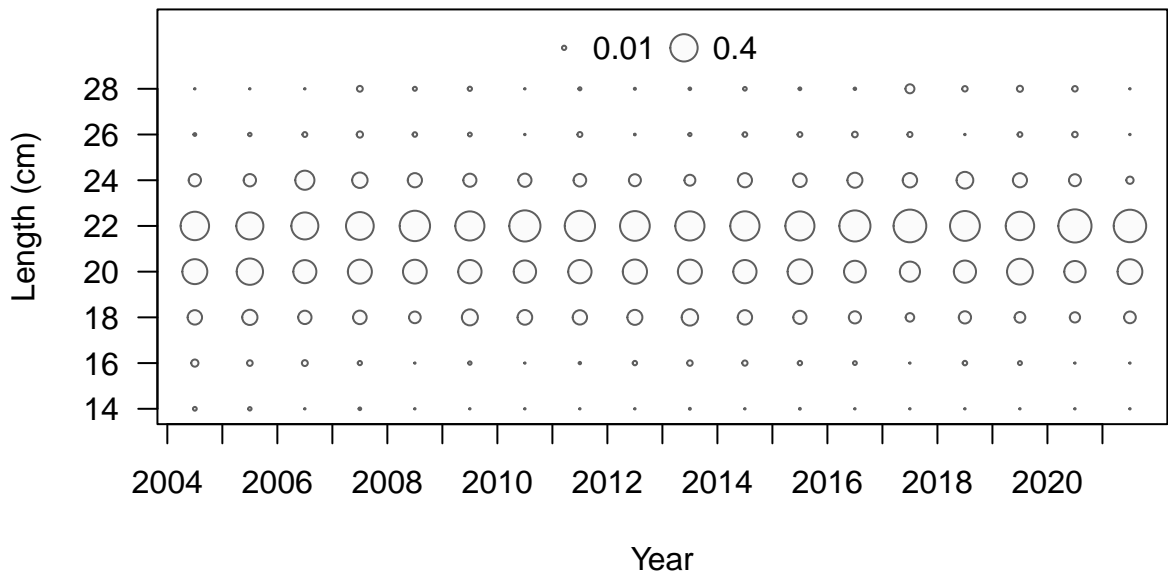




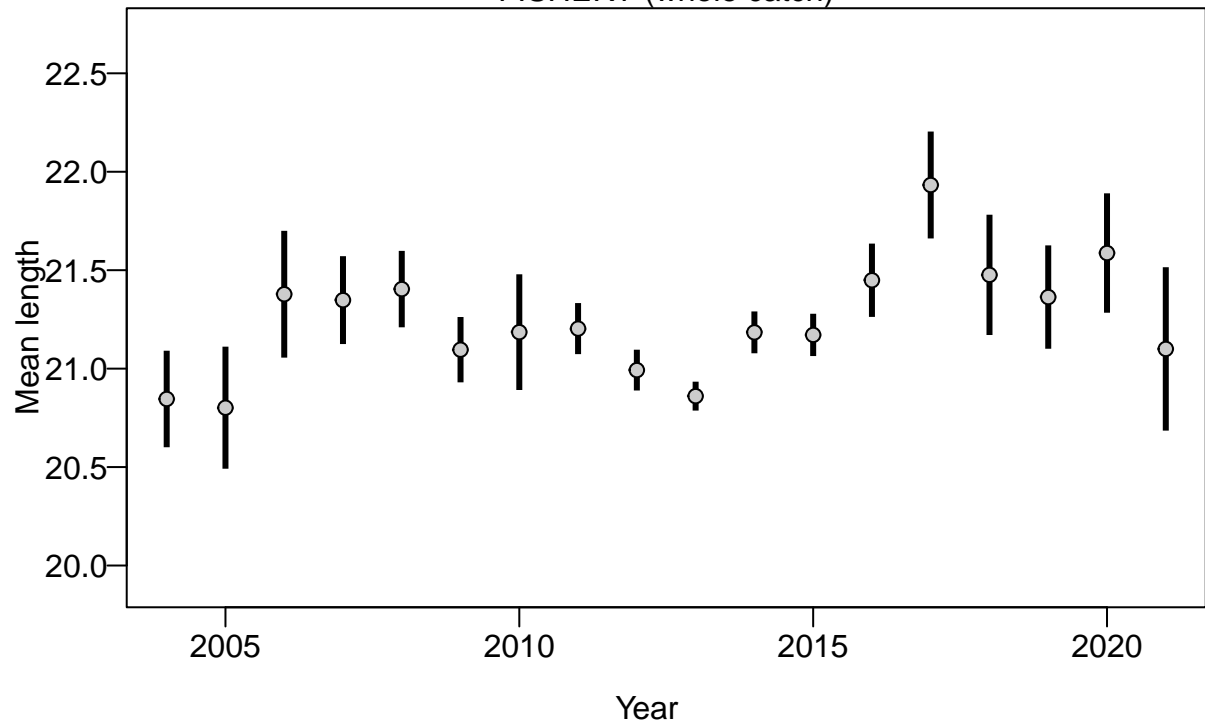


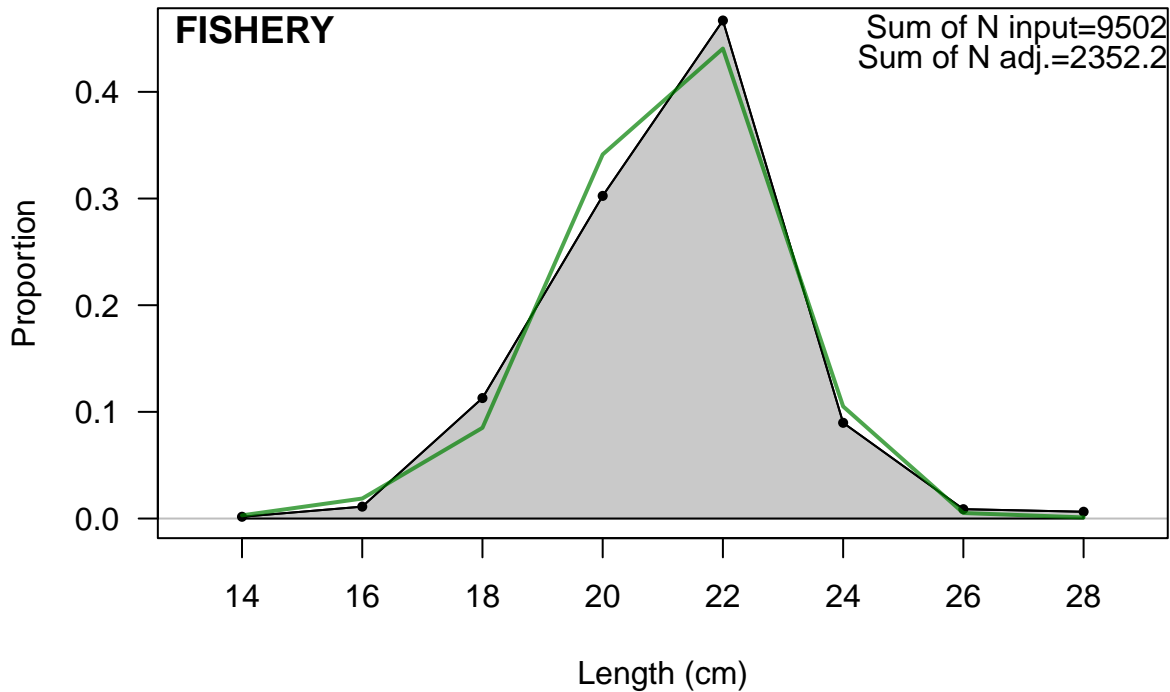
Proportion

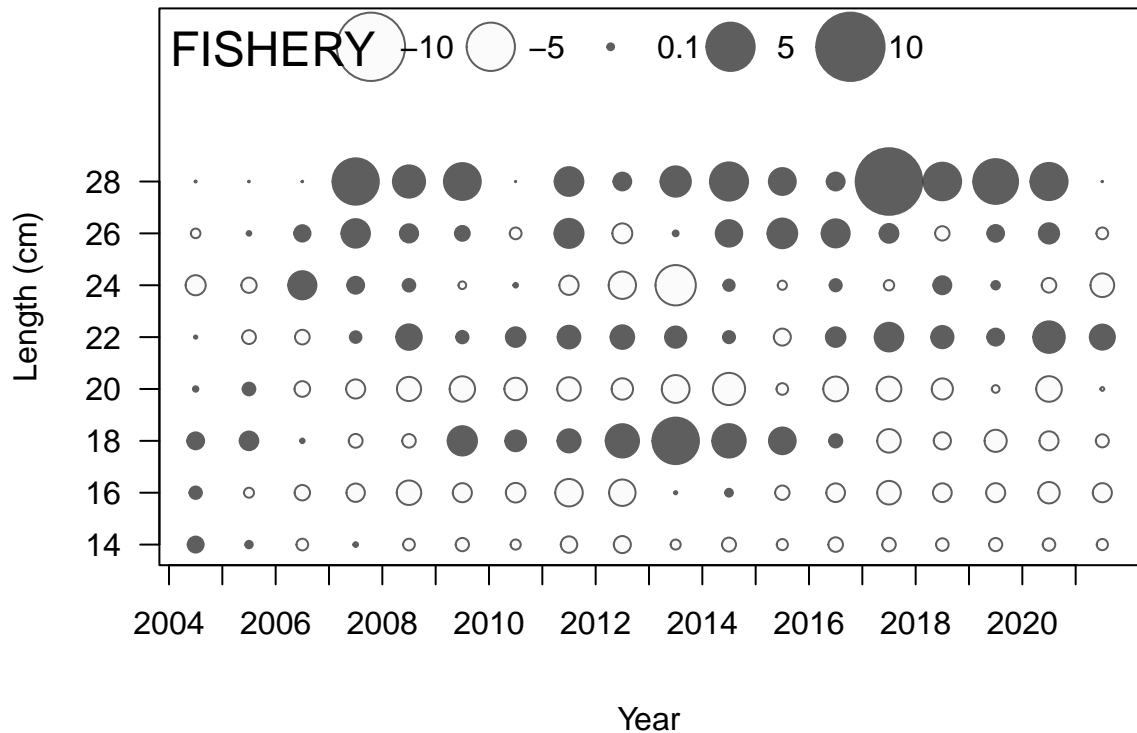




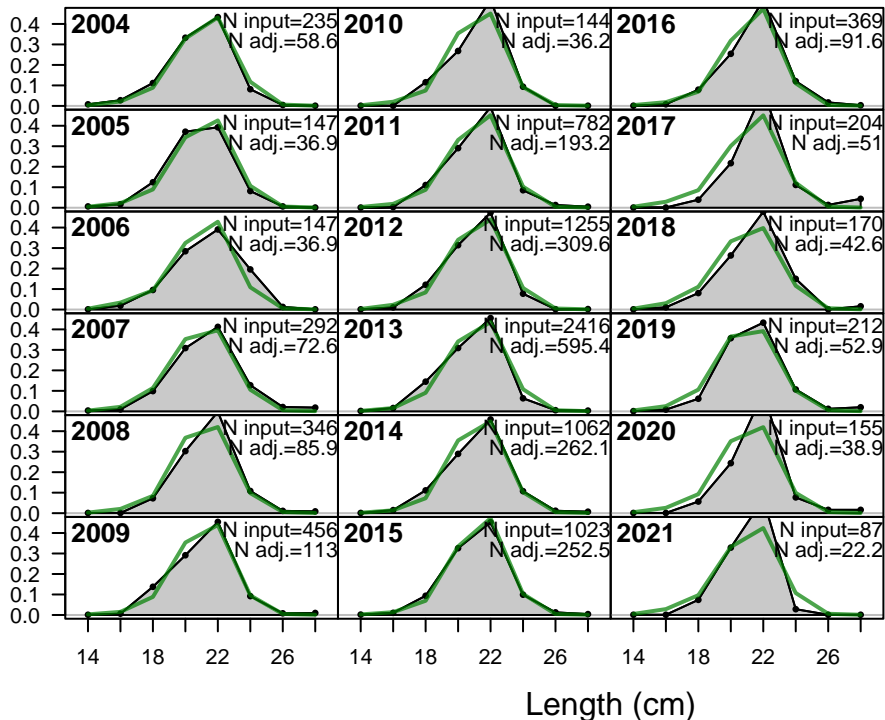
FISHERY (whole catch)

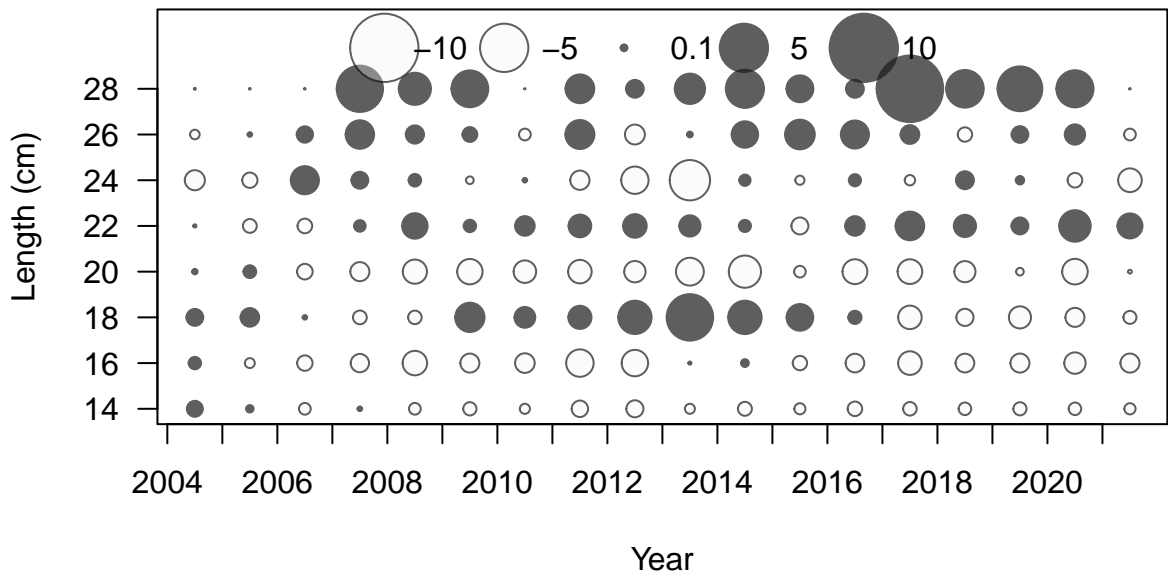




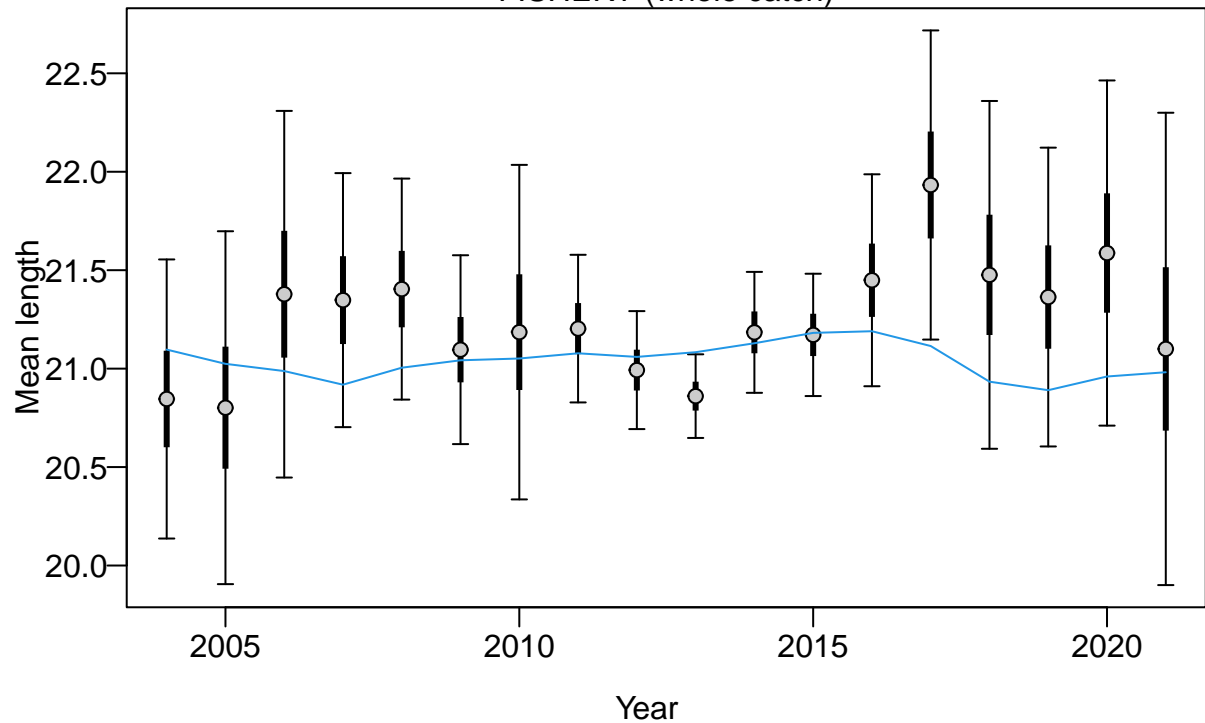


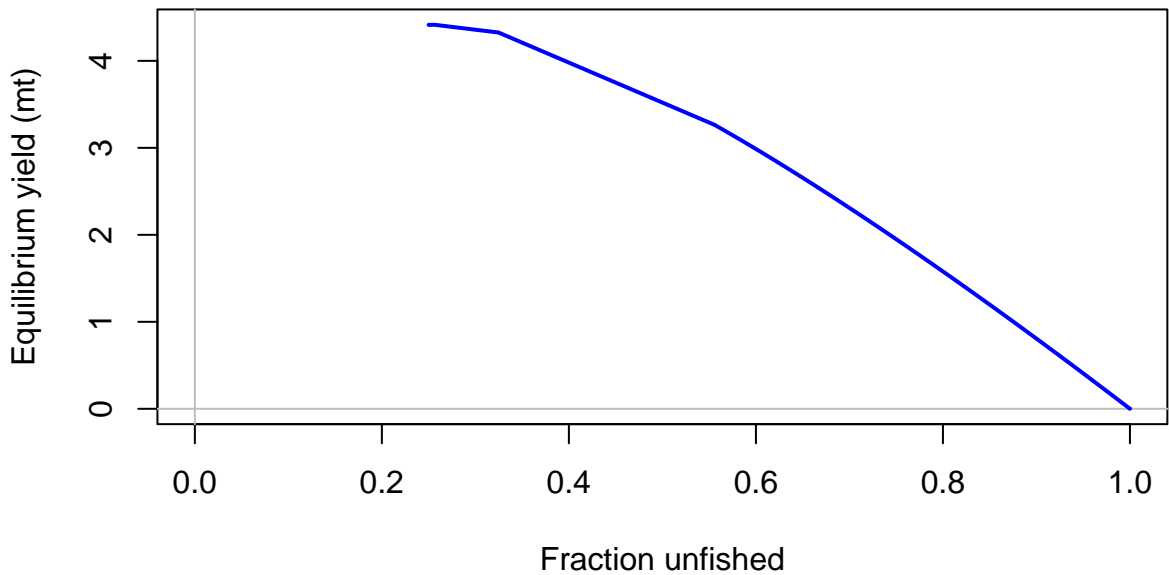
Proportion

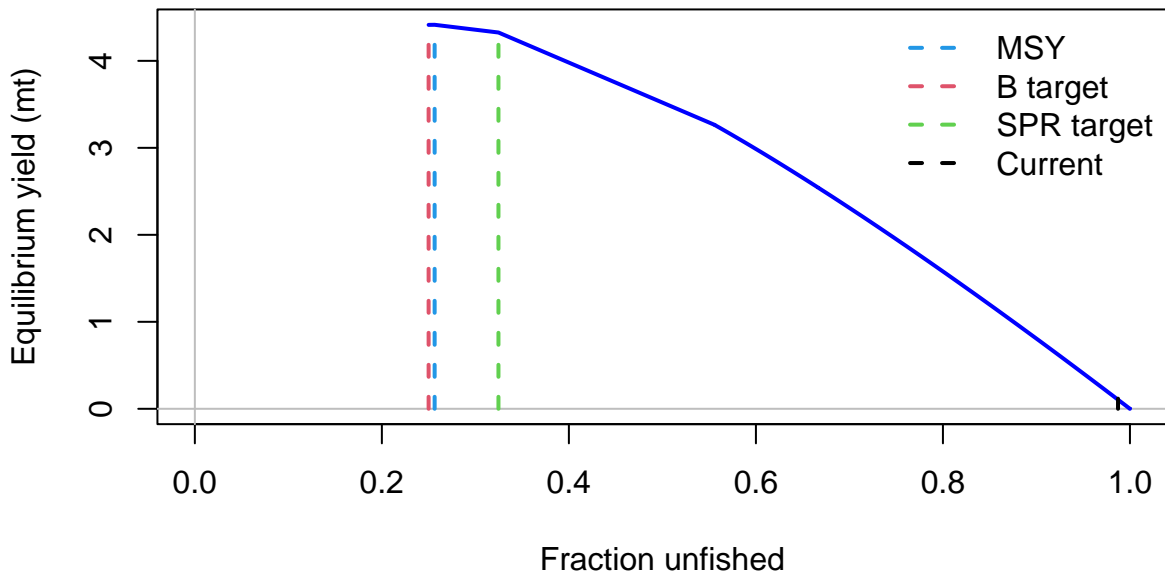


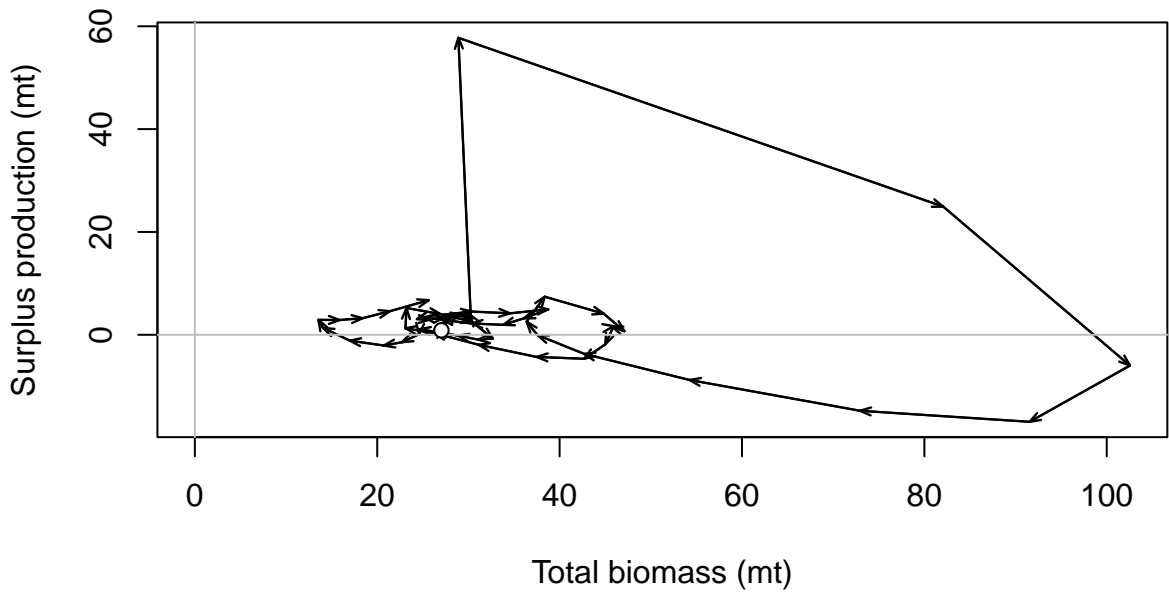


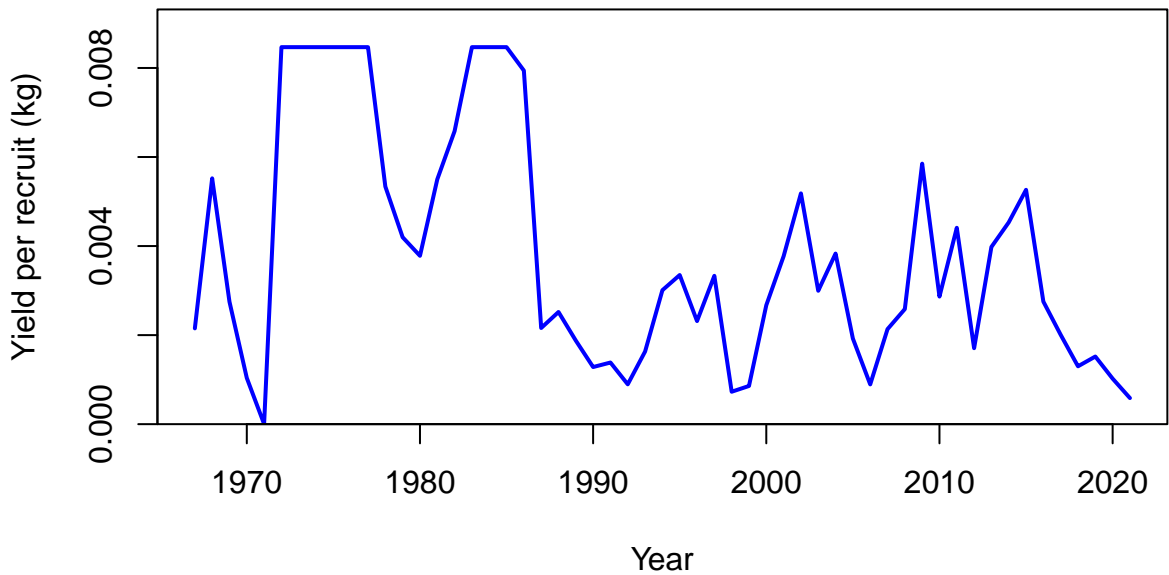
FISHERY (whole catch)

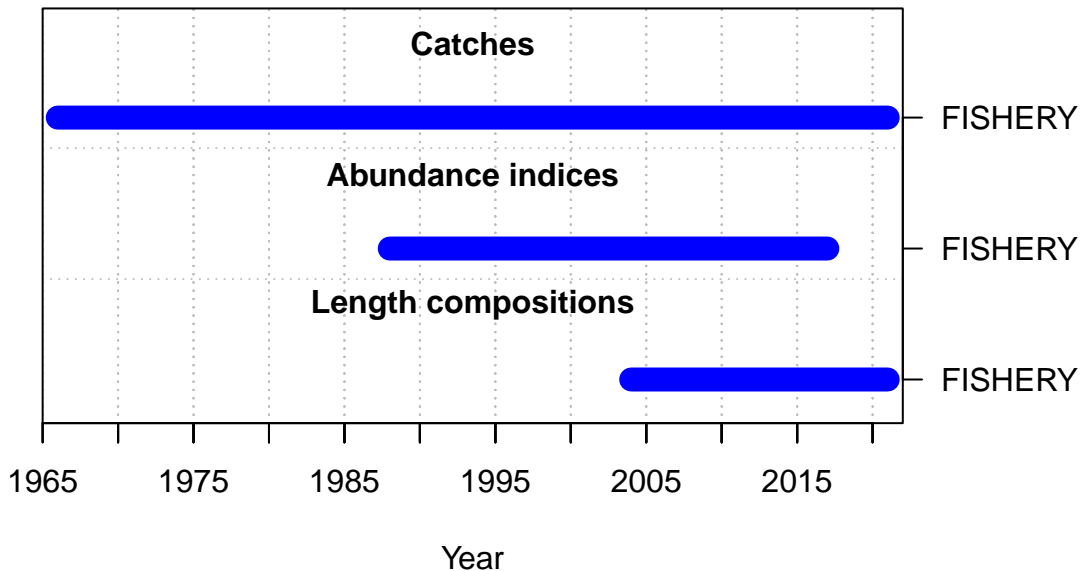


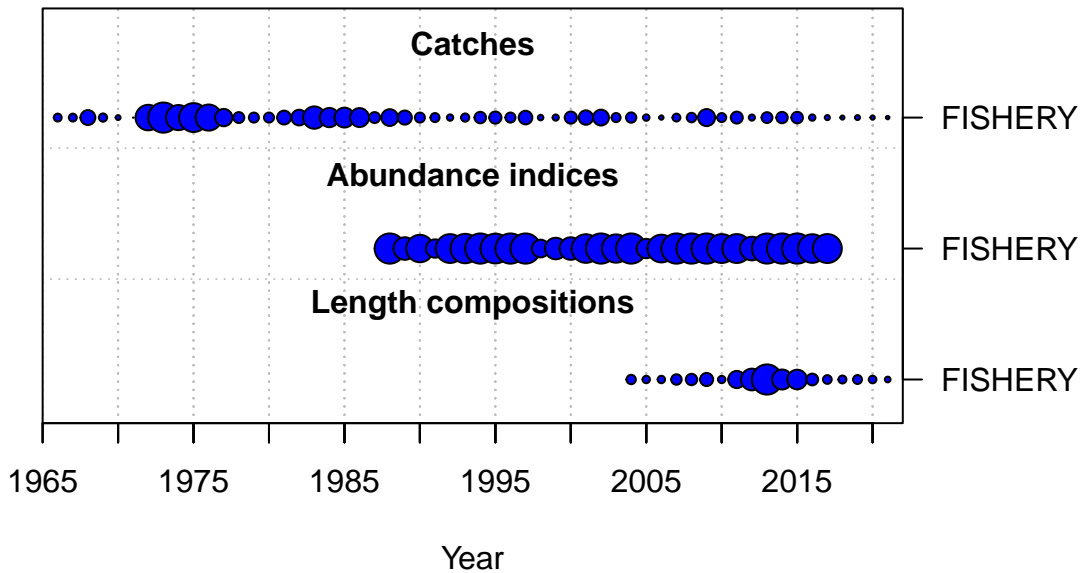




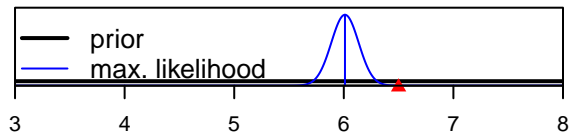




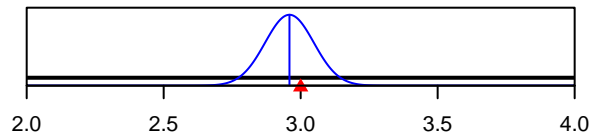




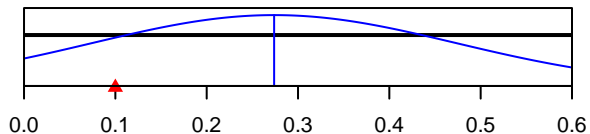
SR_LN(R0)



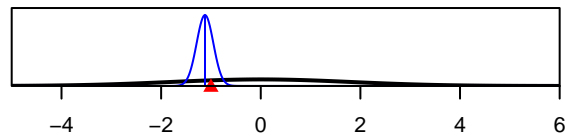
Size_95%width_FISHERY(1)



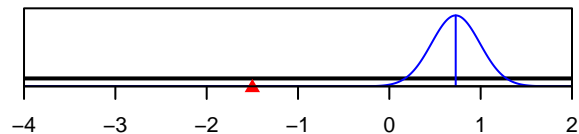
InitF_seas_1flt_1FISHERY



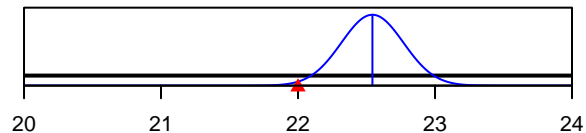
ln(DM_theta)_1



LnQ_base_FISHERY(1)



Size_inflection_FISHERY(1)



Parameter value