

Plots created using the 'r4ss' package in R

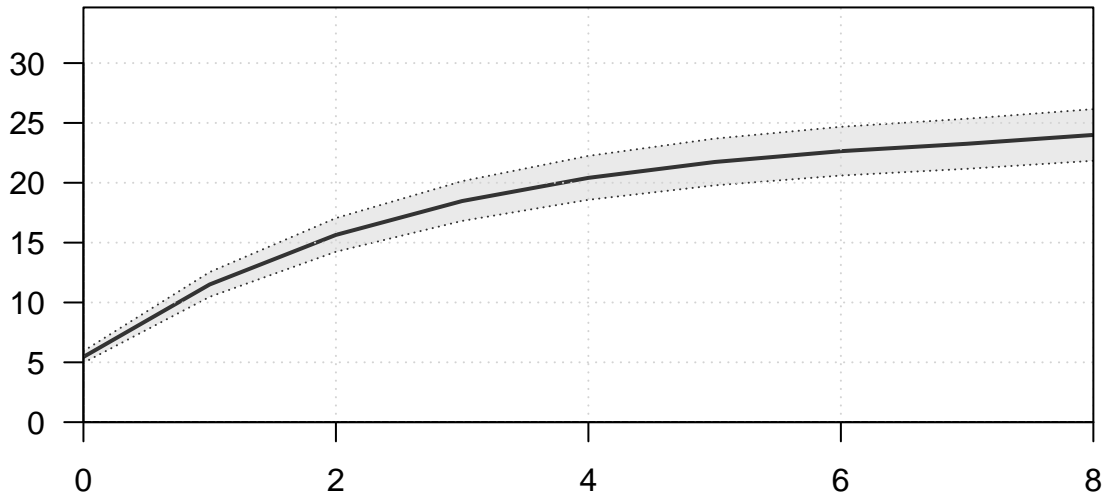
Stock Synthesis version: 3.30.19.0

StartTime: Thu Aug 11 17:12:36 2022

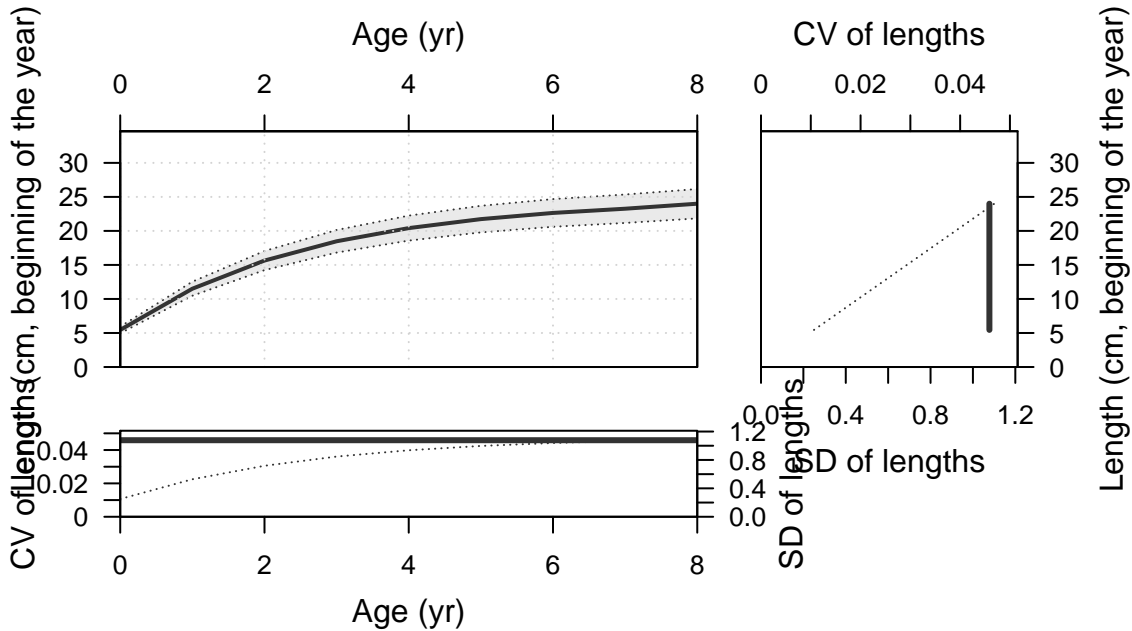
Data\_File: data.ss

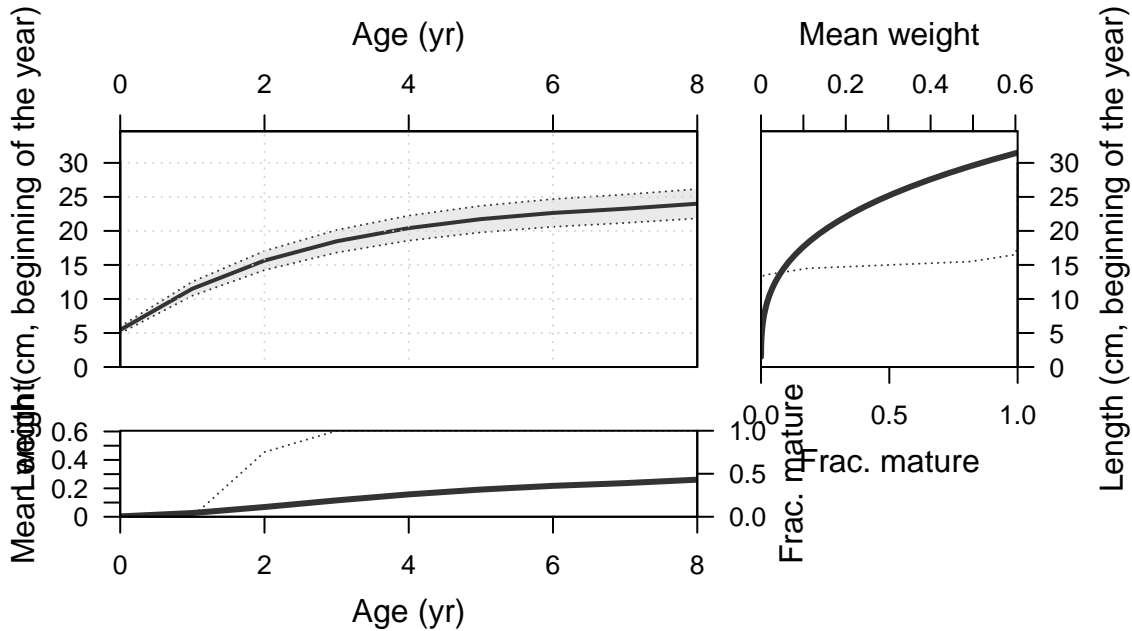
Control\_File: control.ss

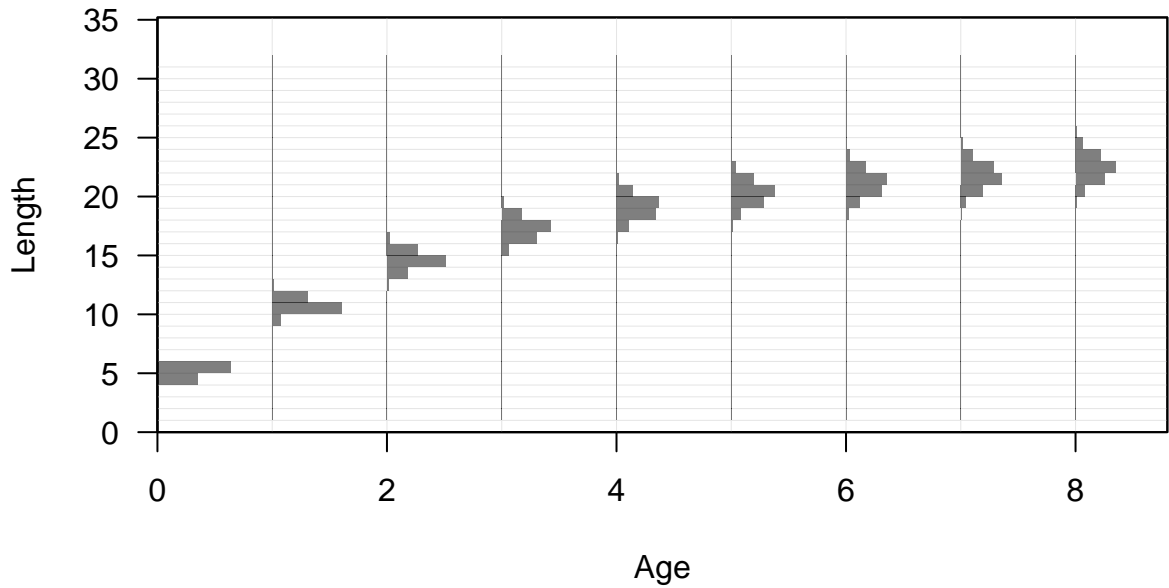
Length (cm, beginning of the year)

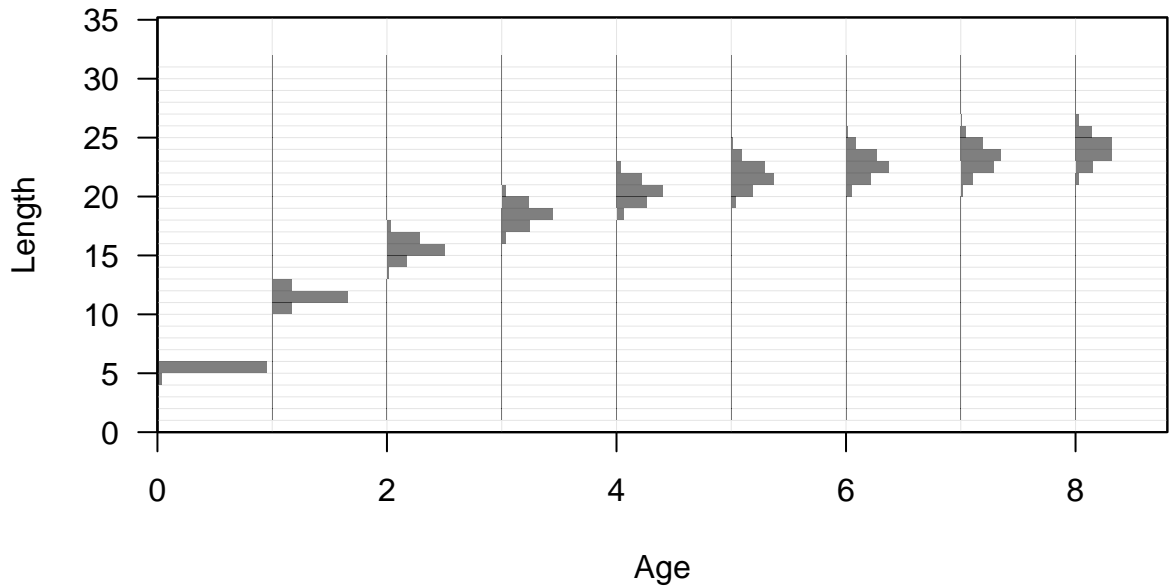


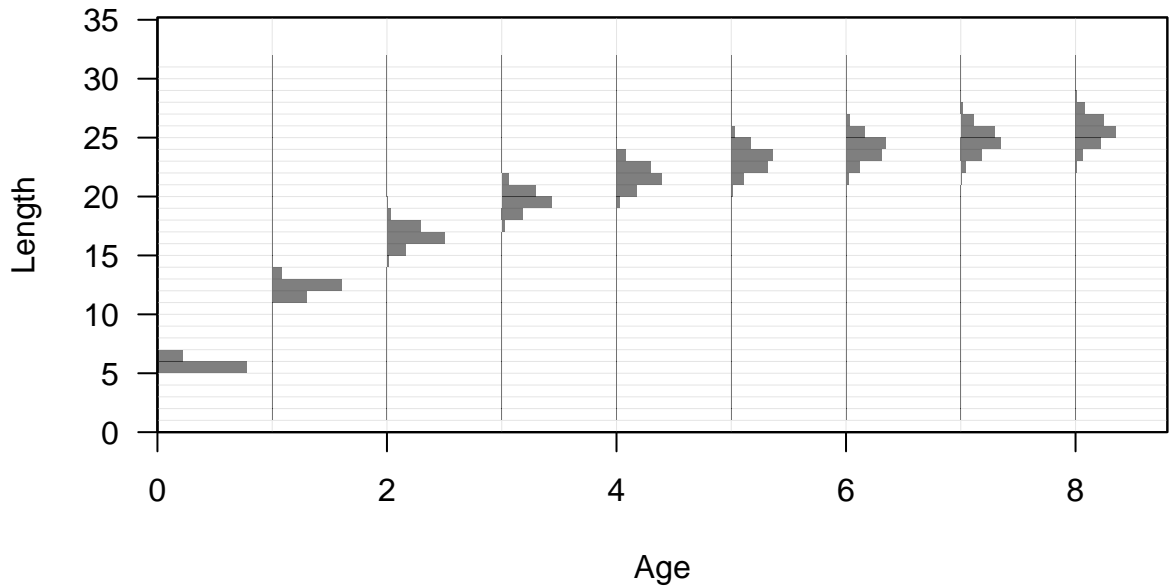
Age (yr)

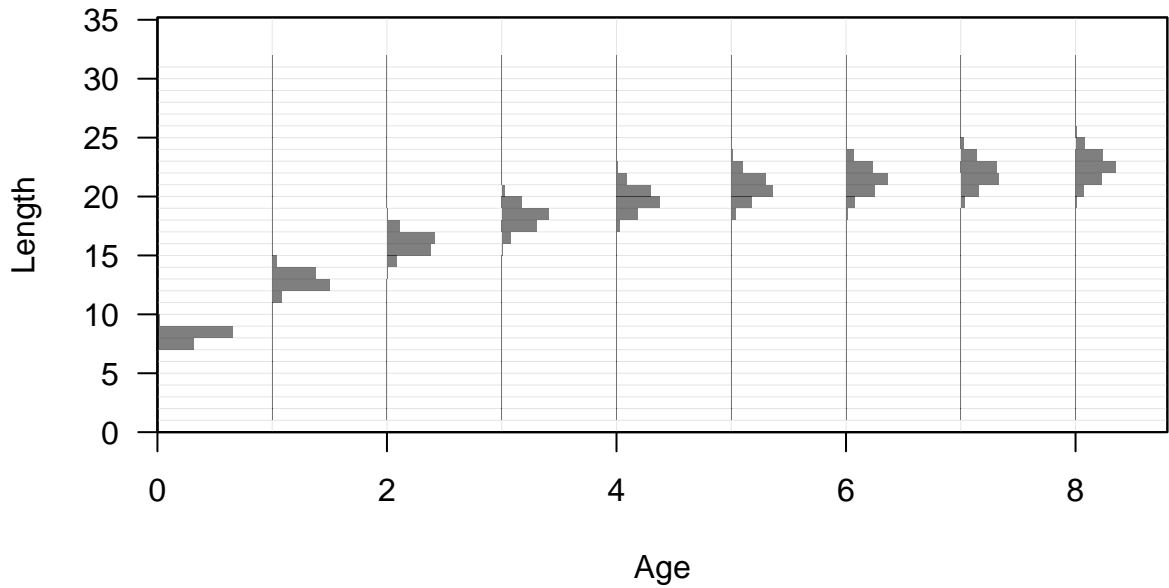




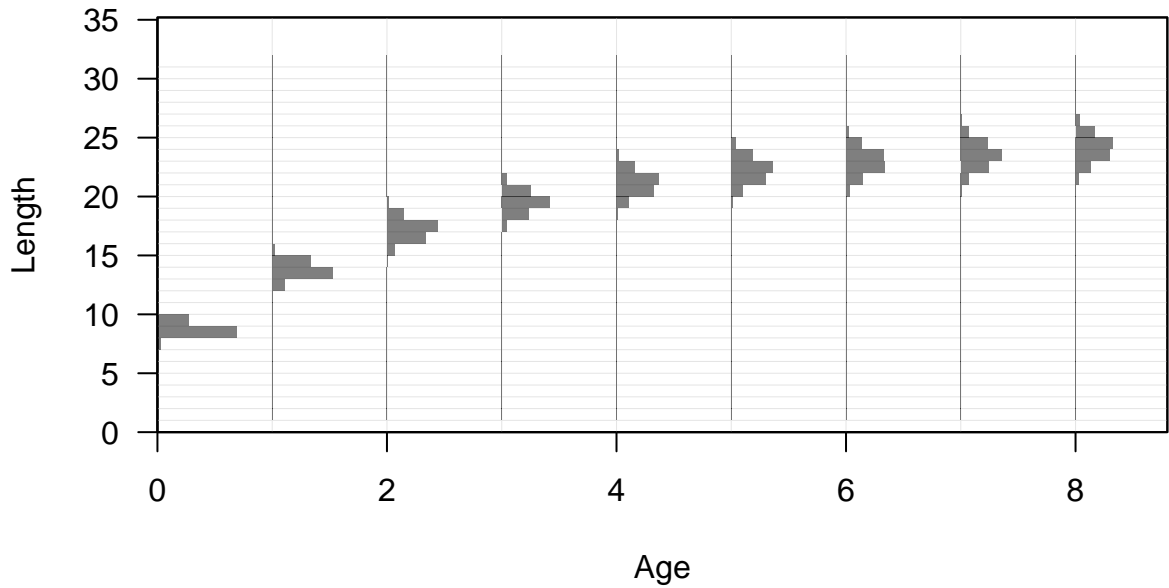


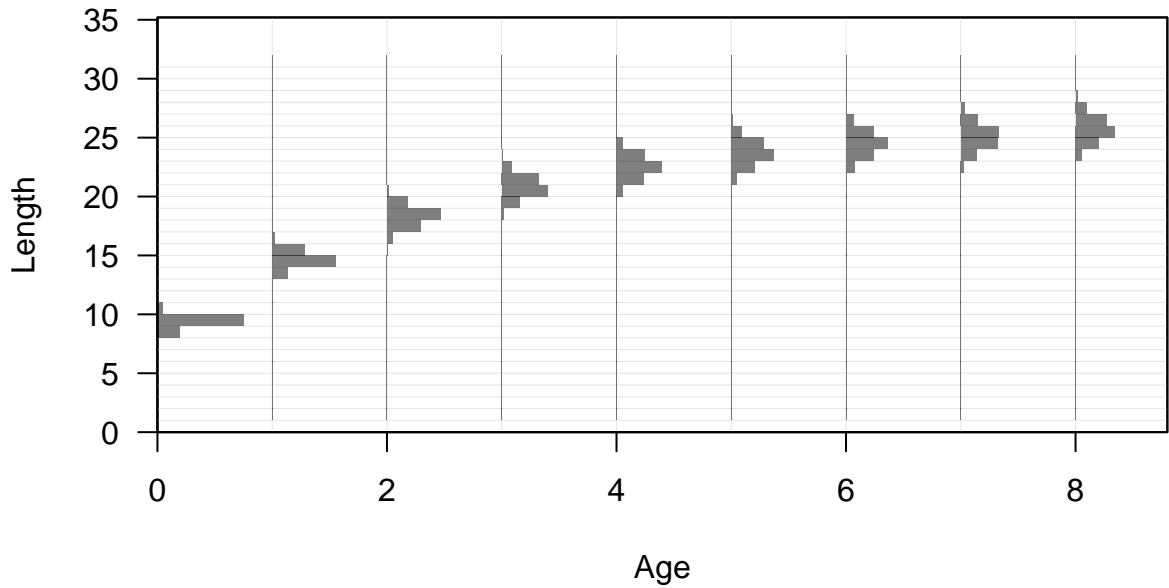






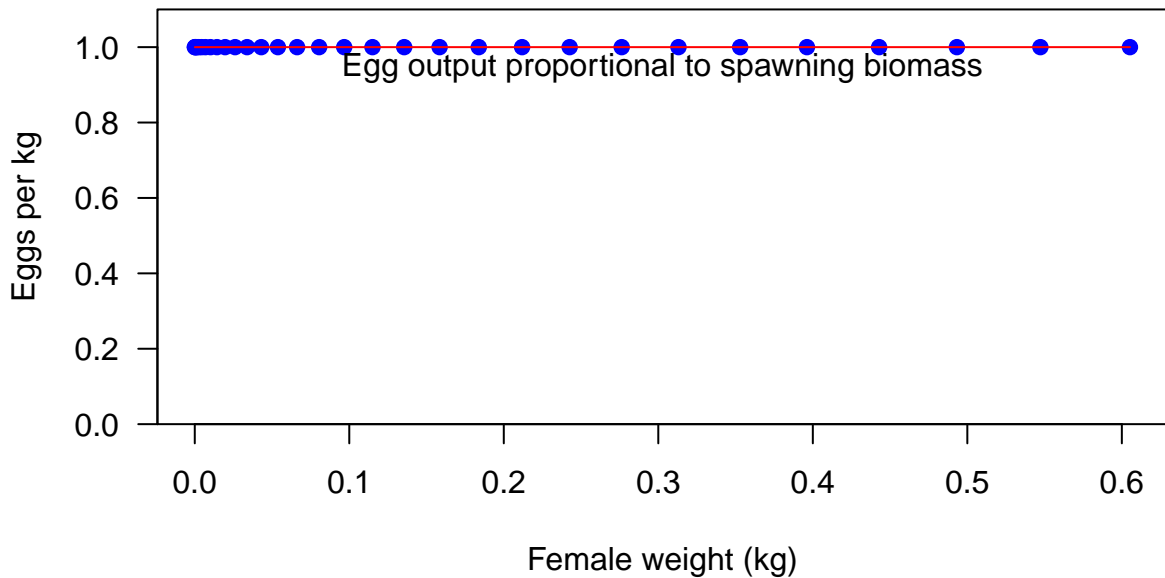








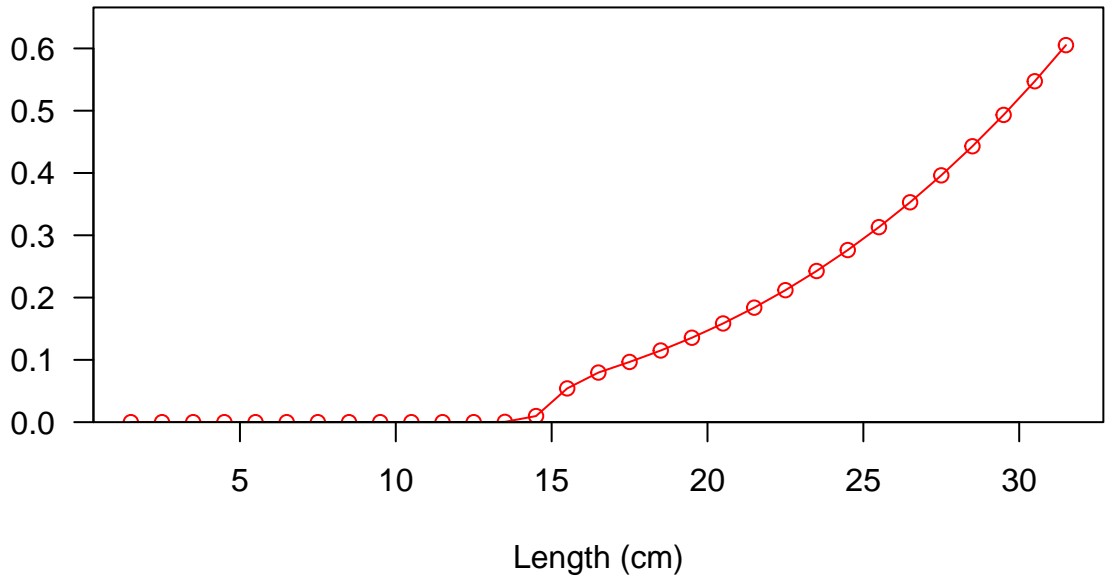




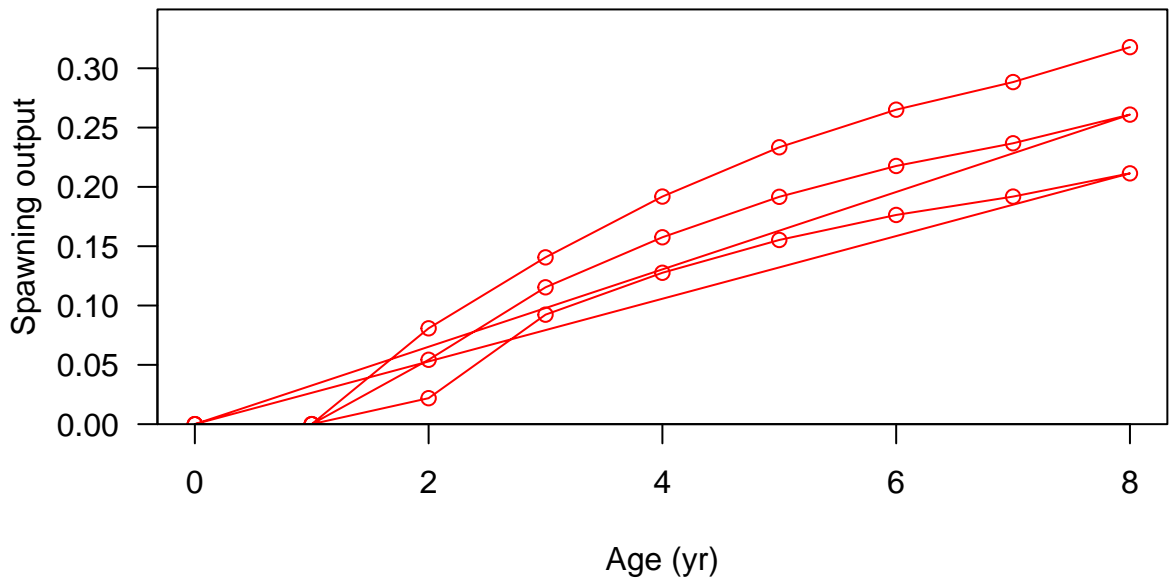




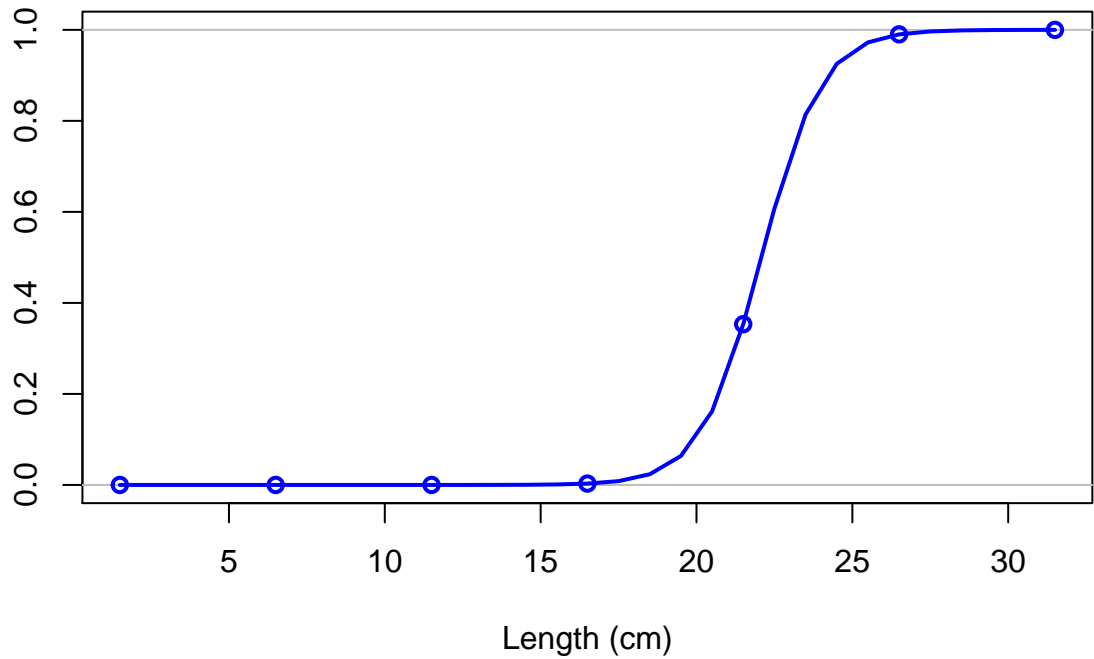
Spawning output



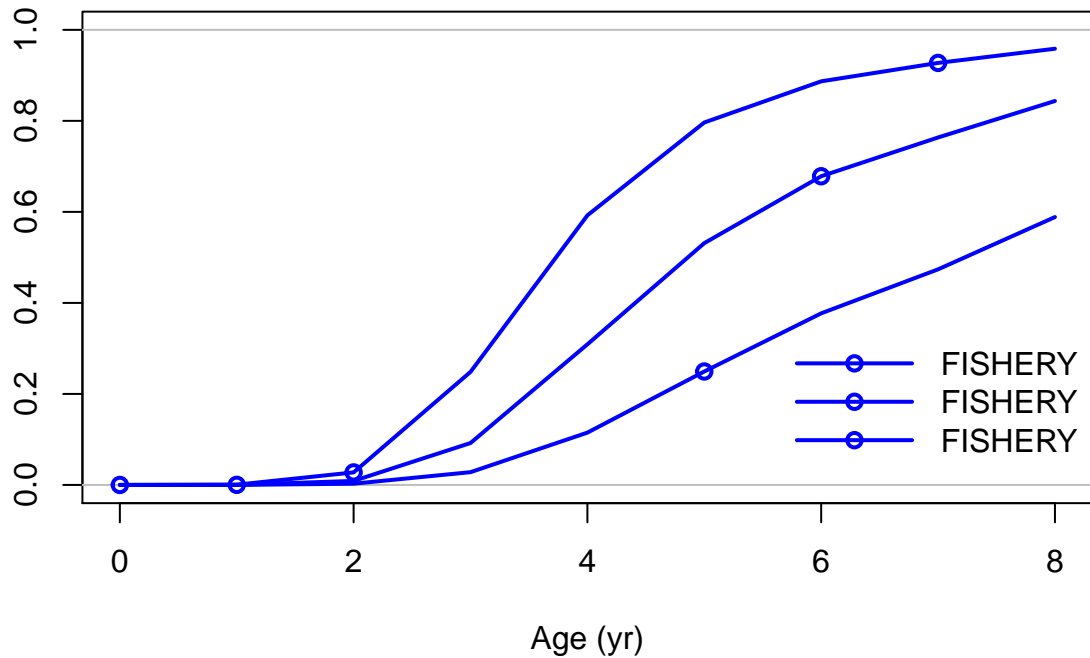




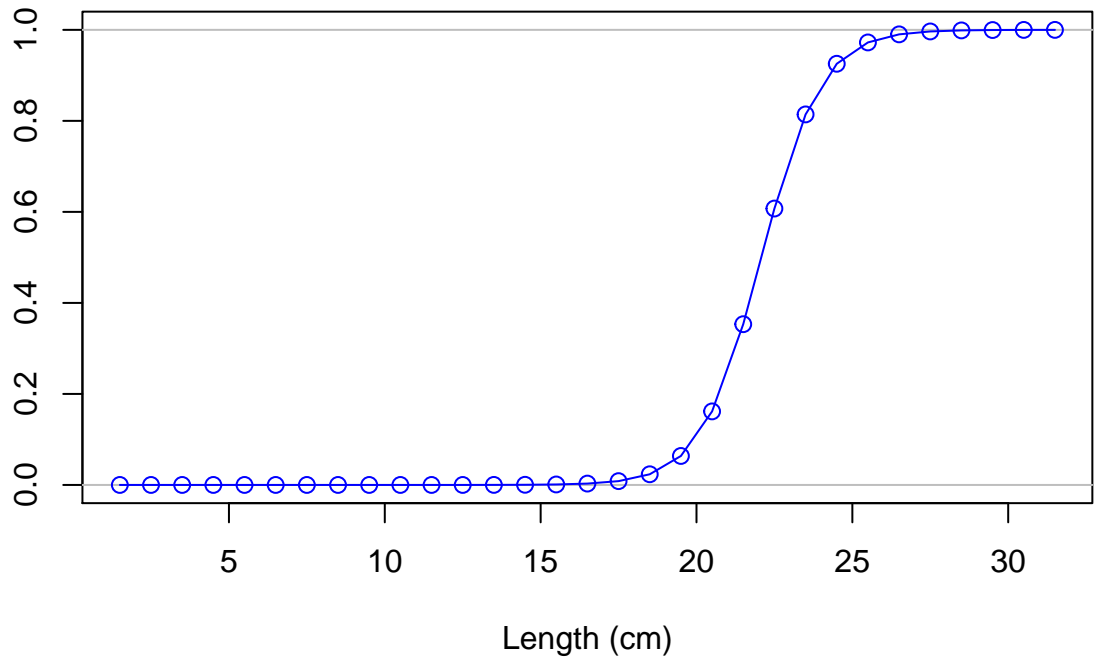
Selectivity

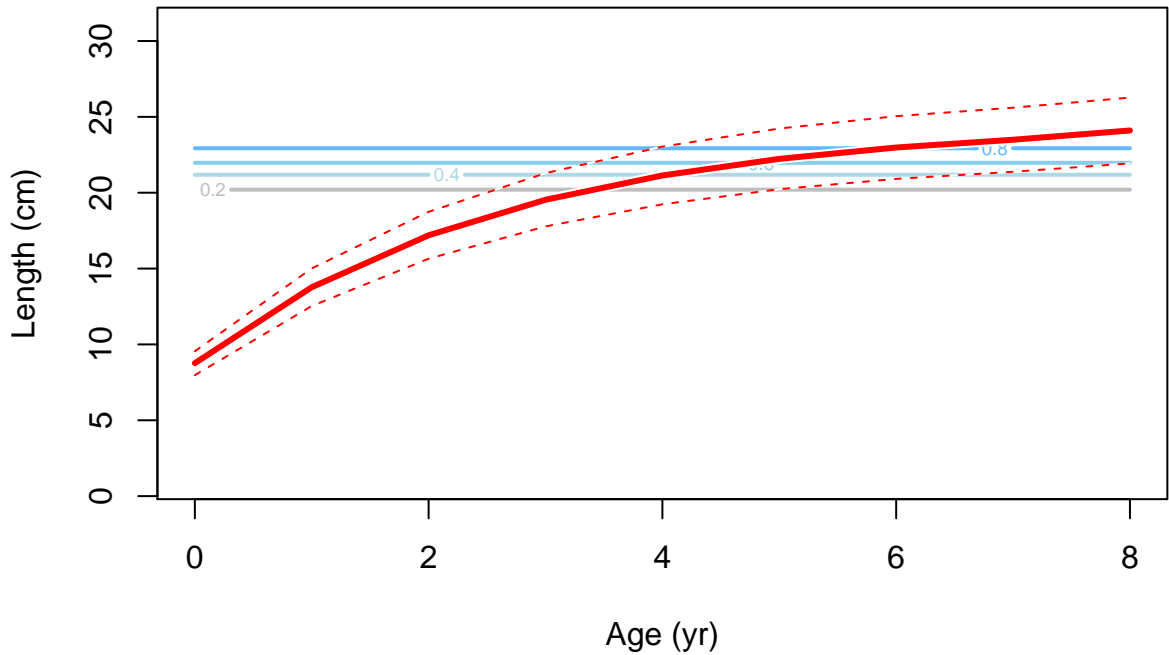


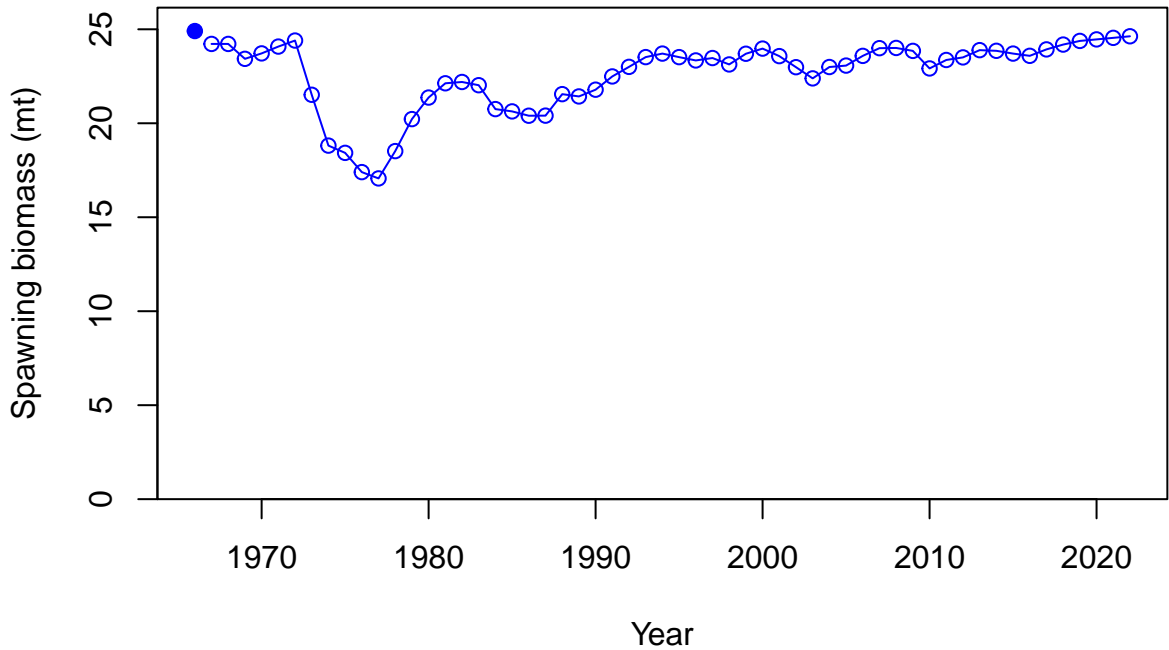
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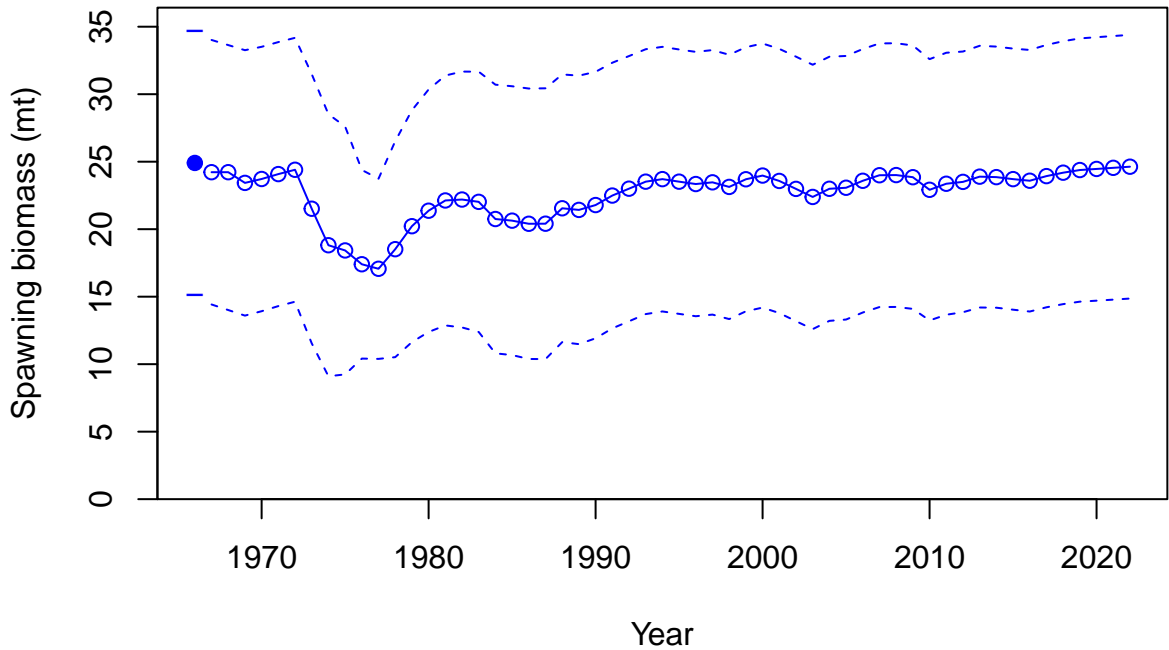


Selectivity

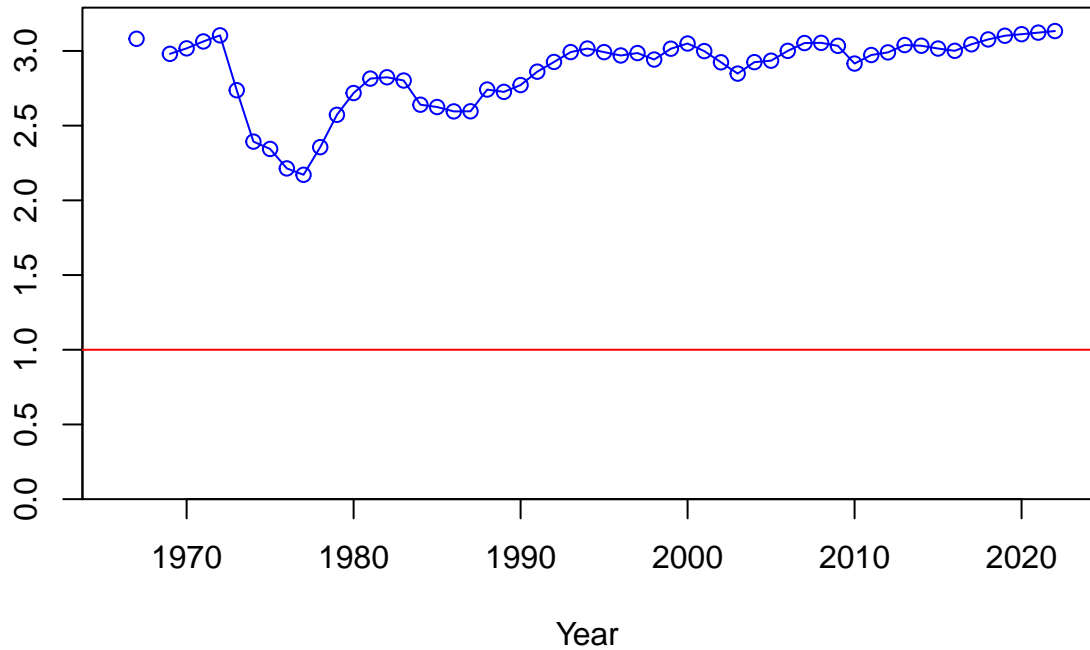






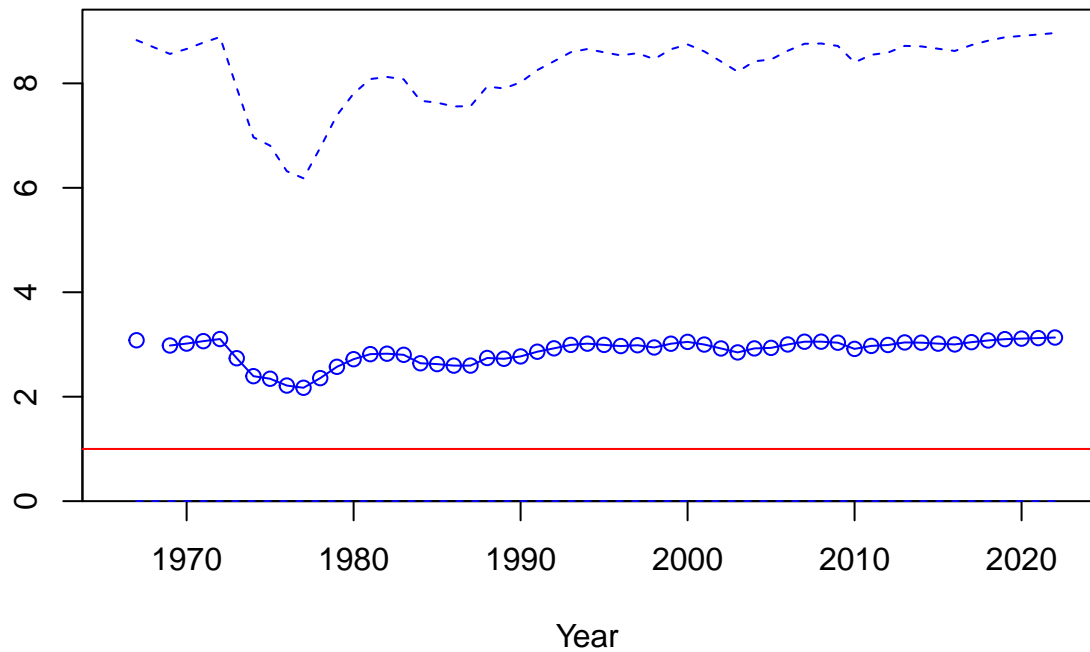


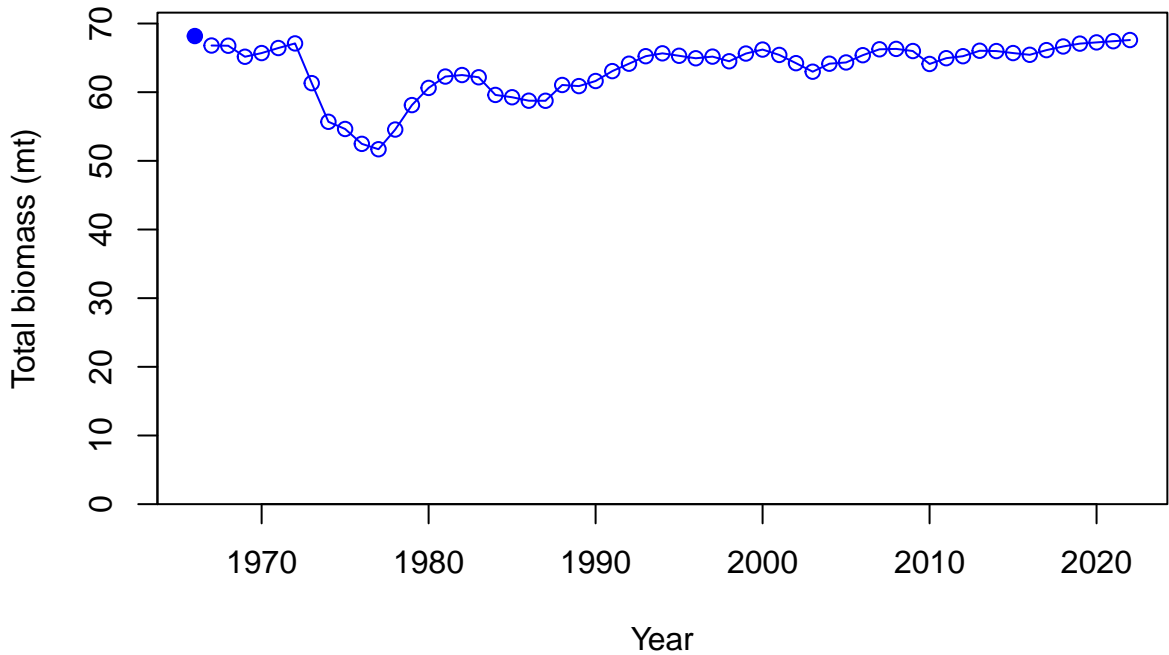
Relative spawning biomass: B/B<sub>MSY</sub>

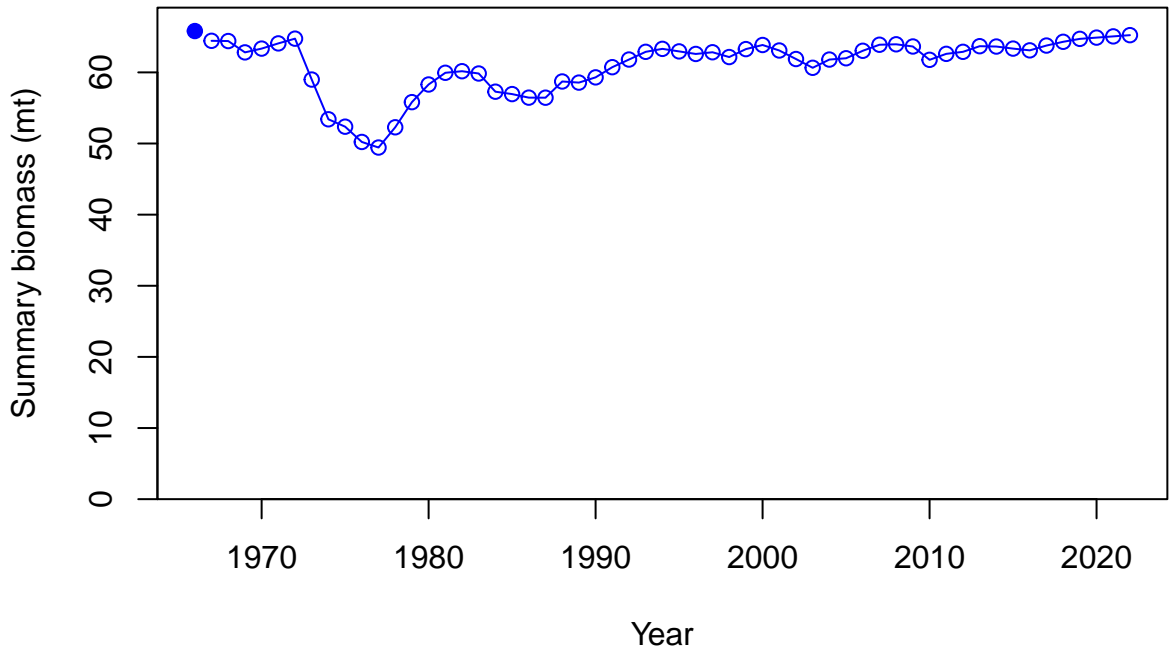




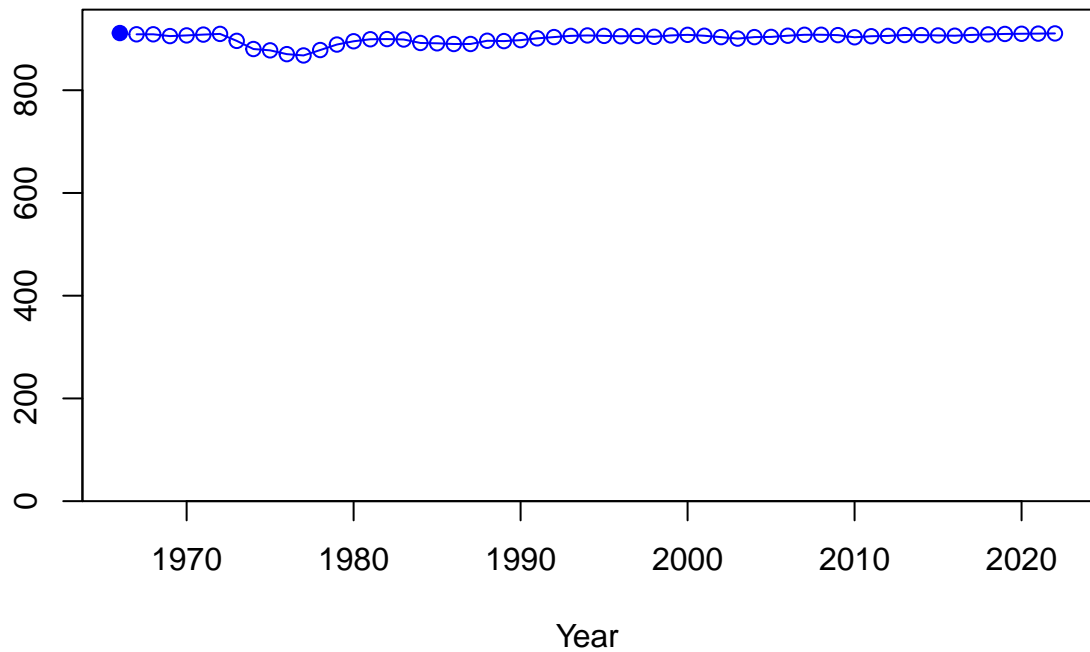
Relative spawning biomass:  $B/B_{MSY}$

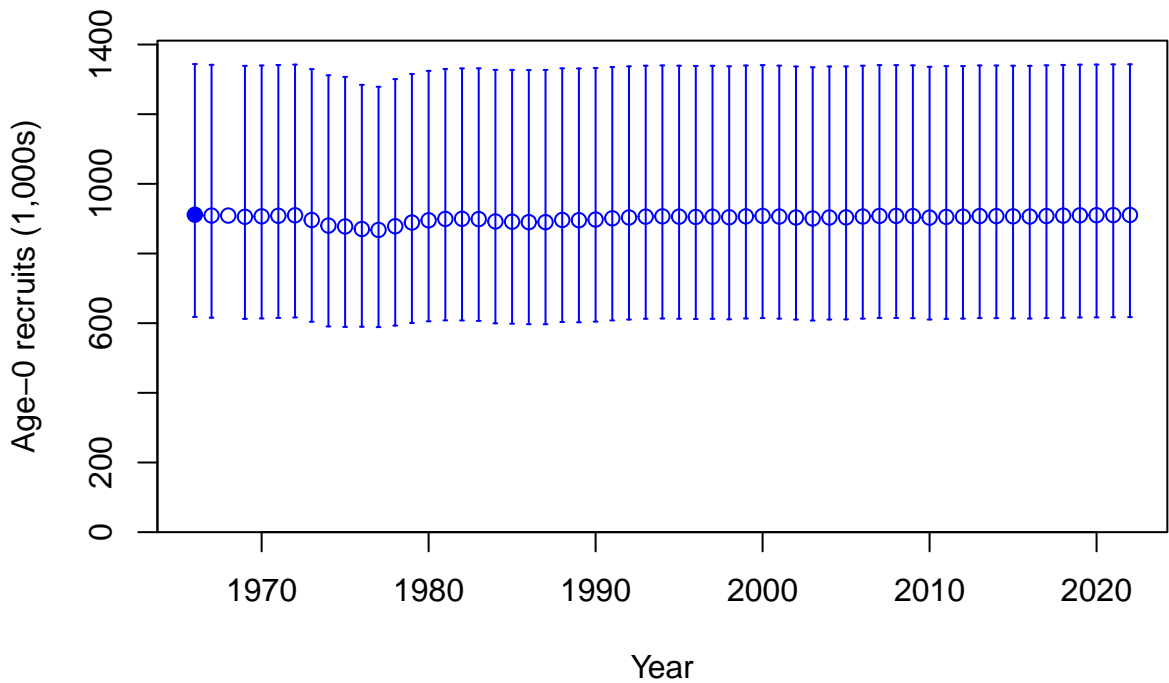




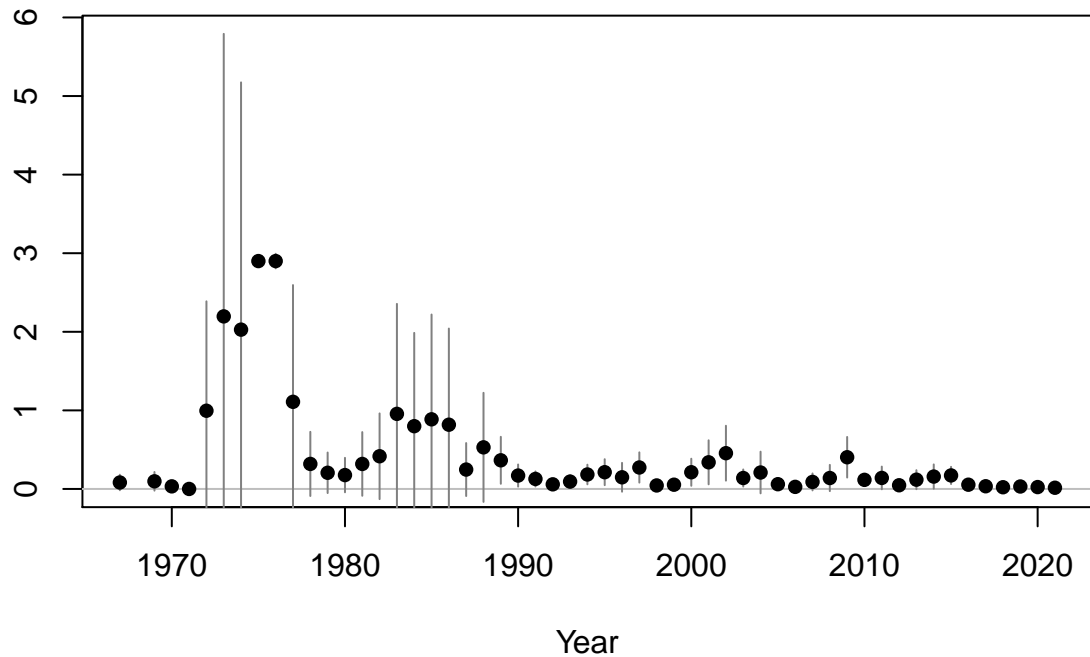


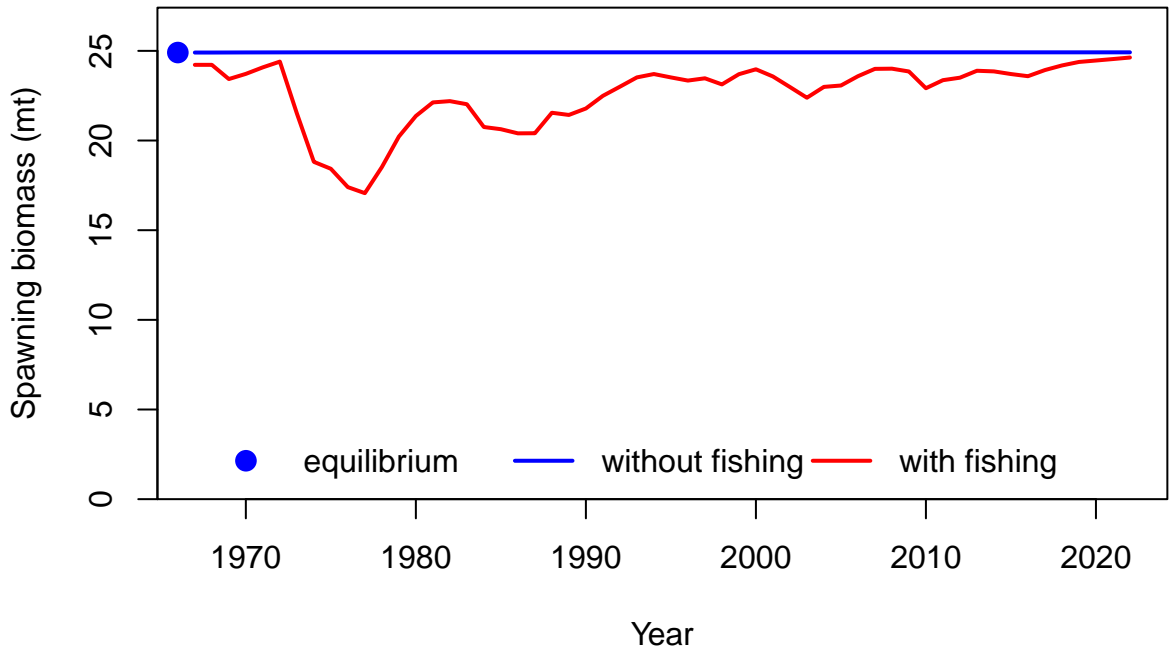
Age-0 recruits (1,000s)

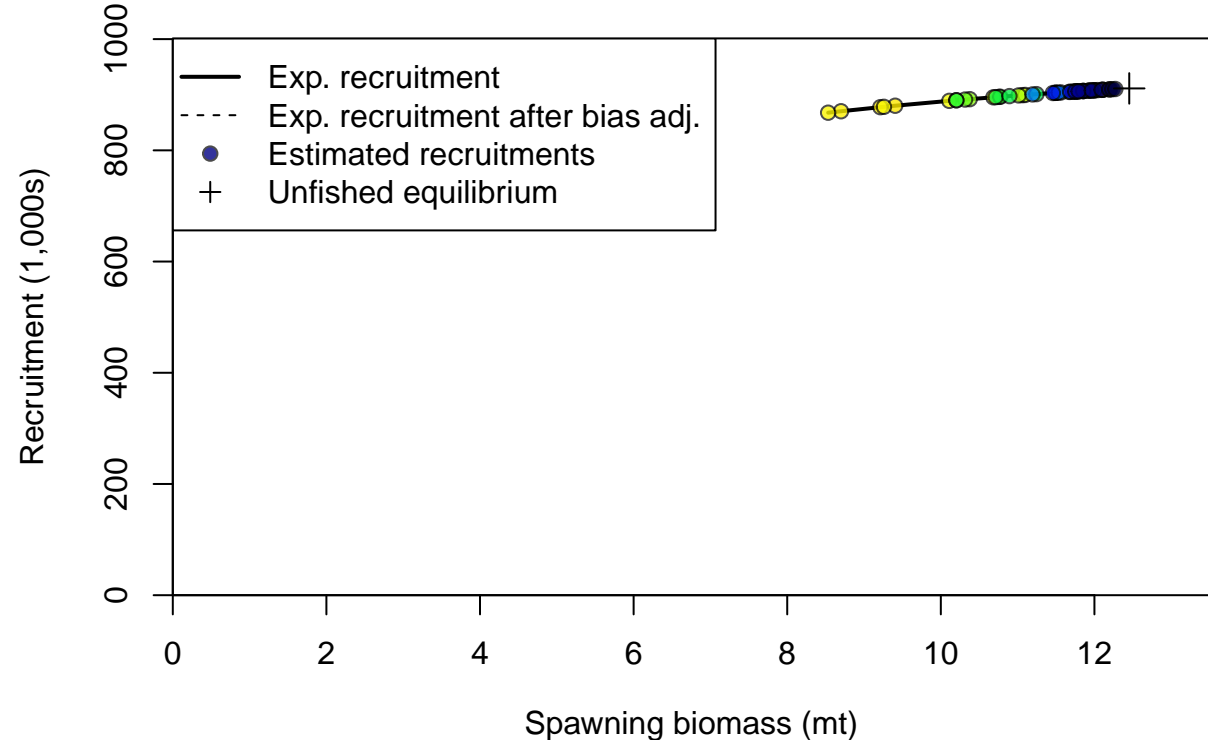




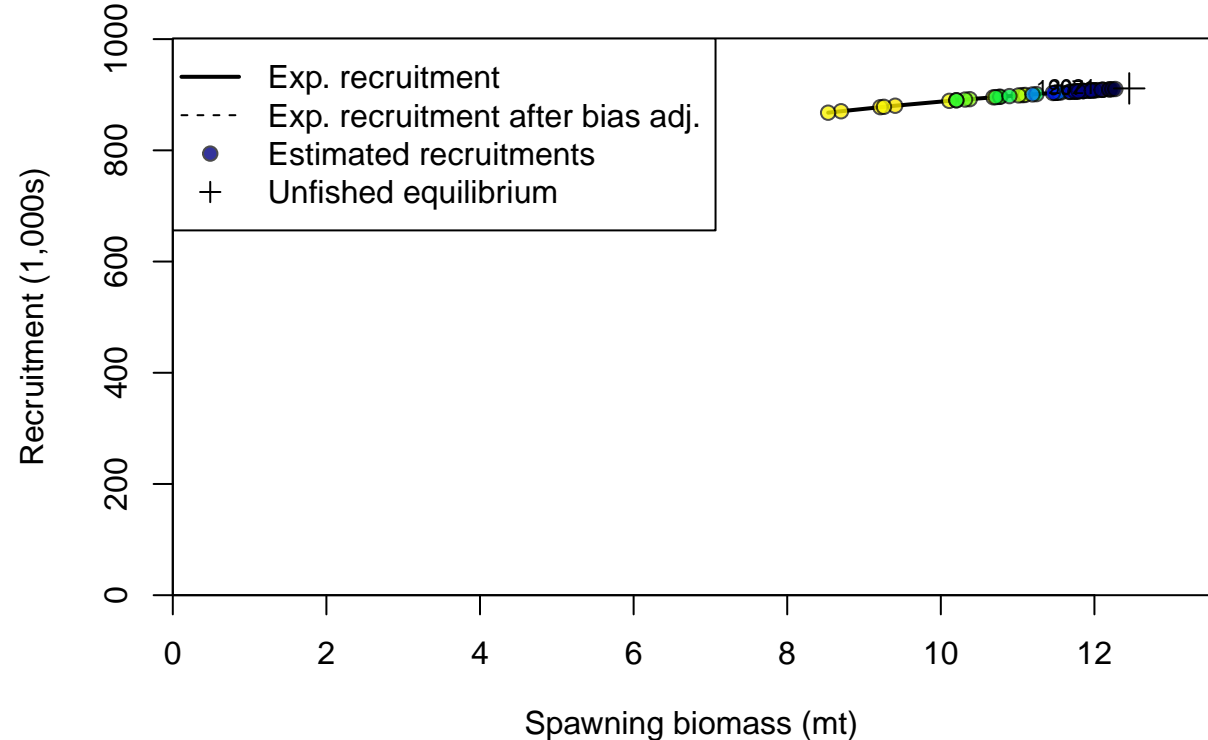
Summary Fishing Mortality

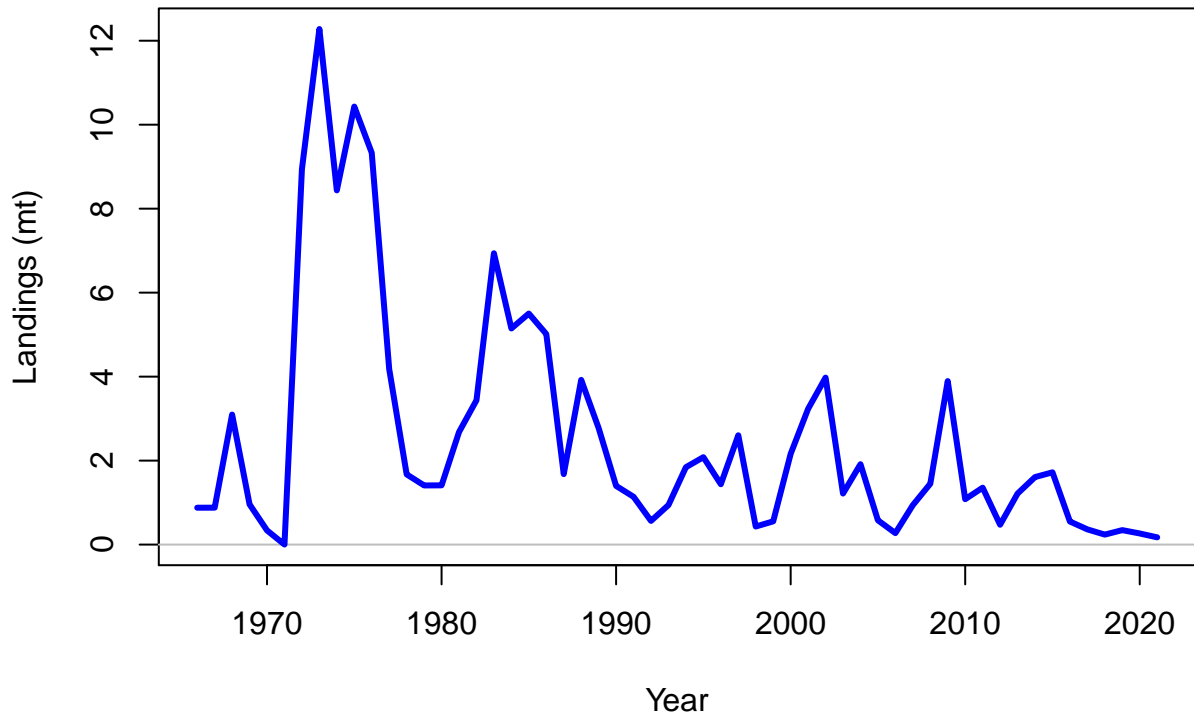


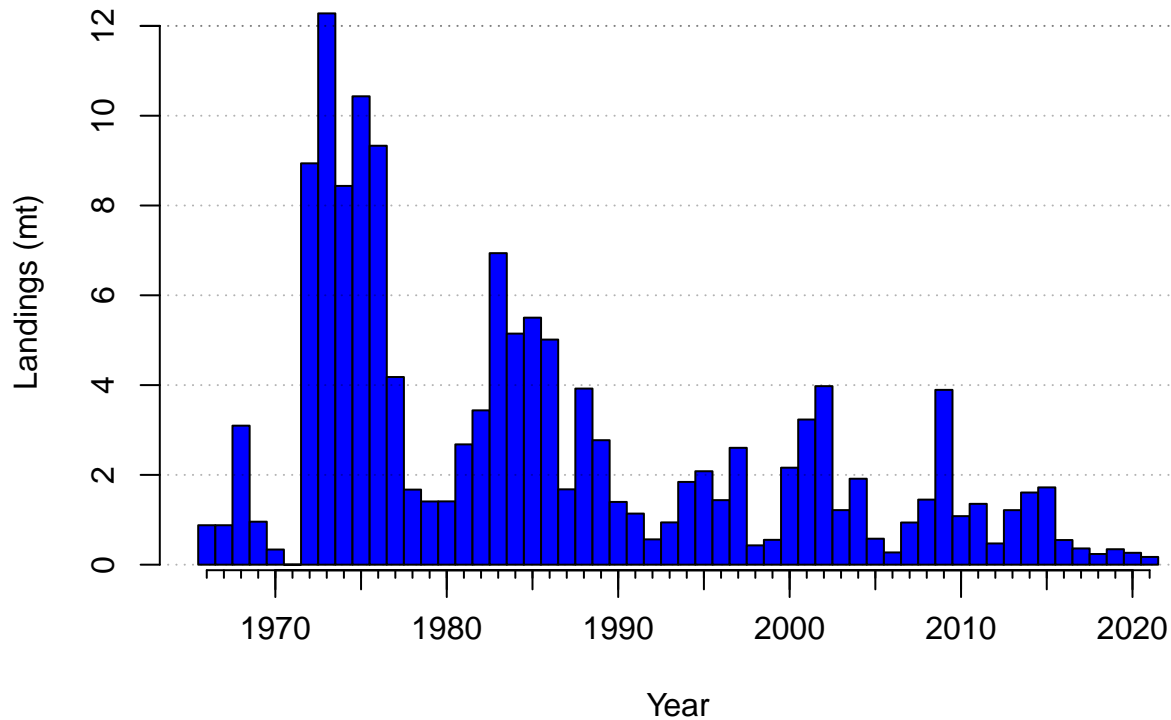




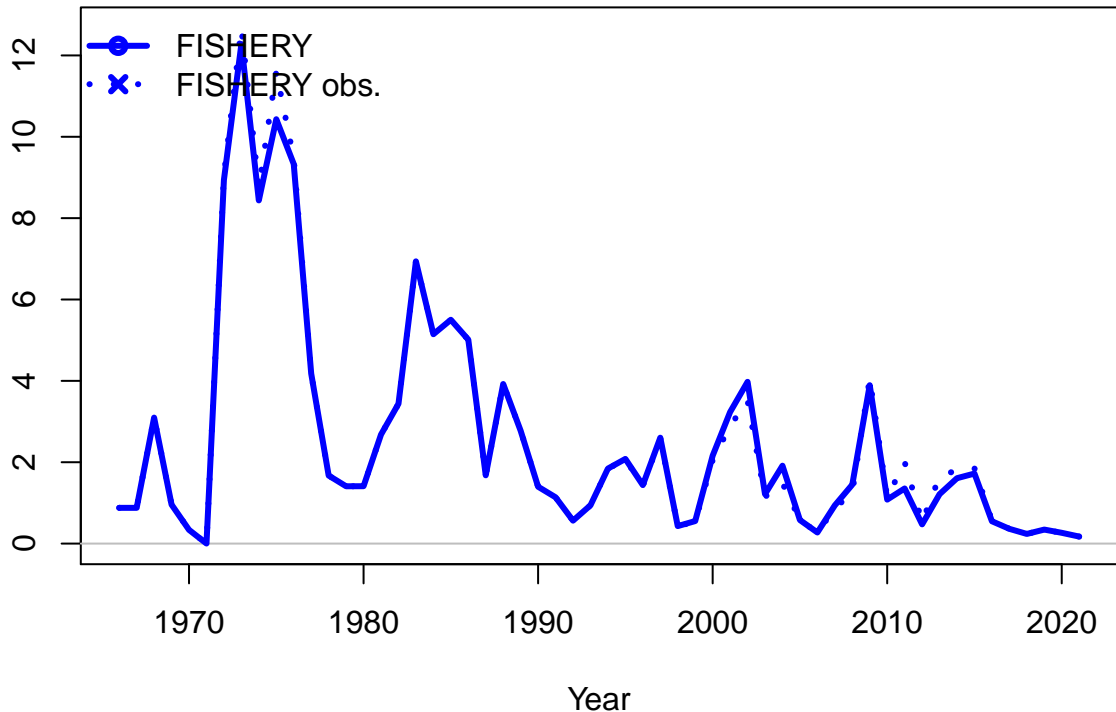


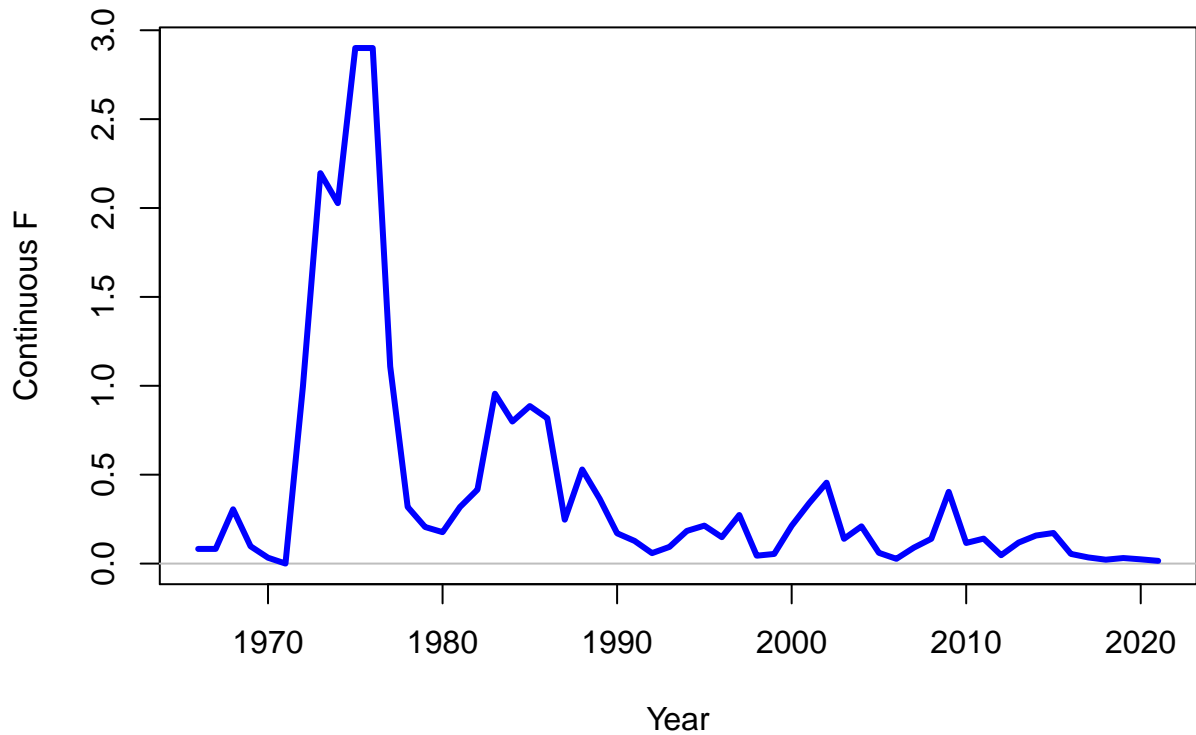




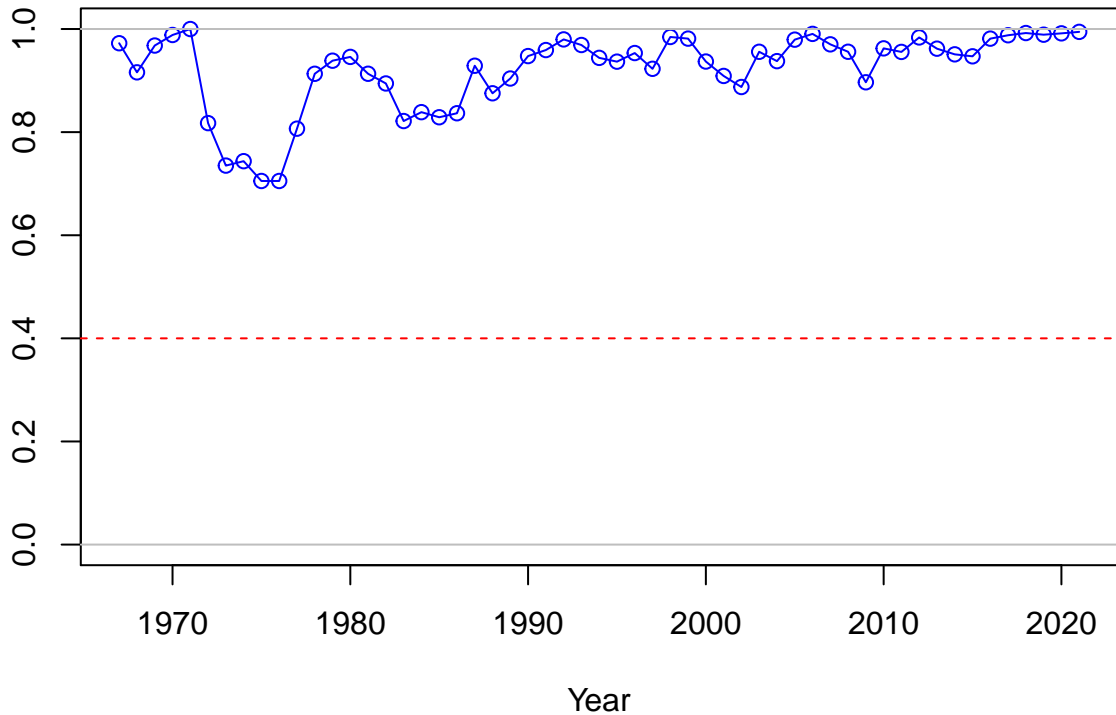


Observed and expected Landings (mt)

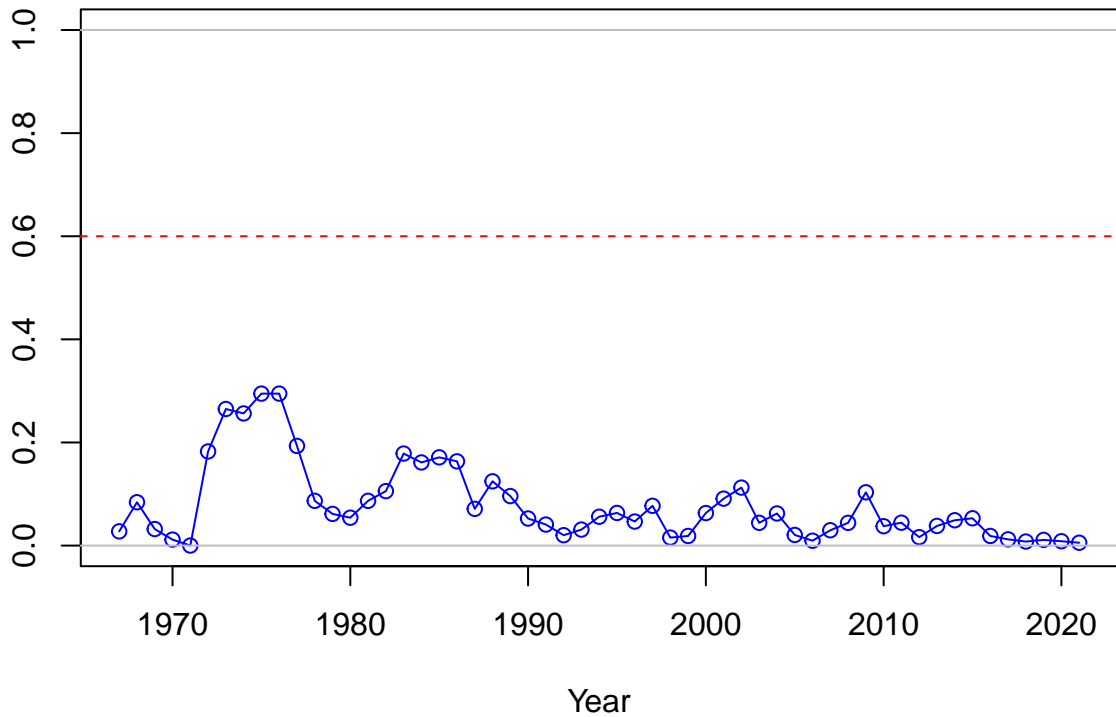




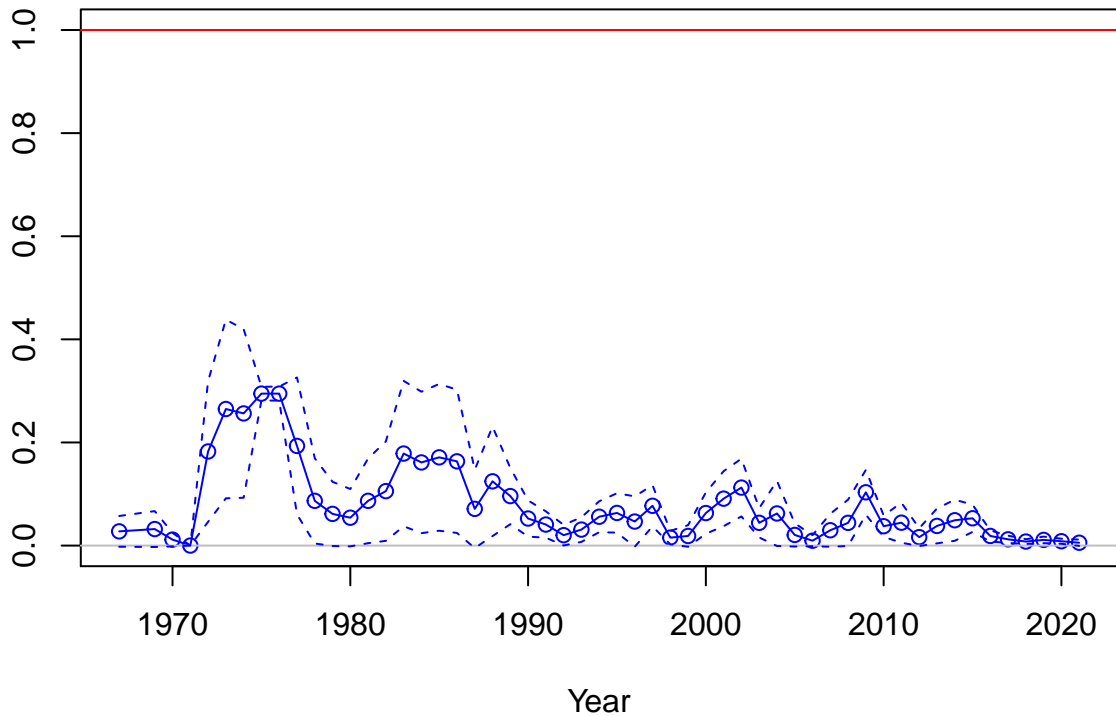
SPR



1-SPR

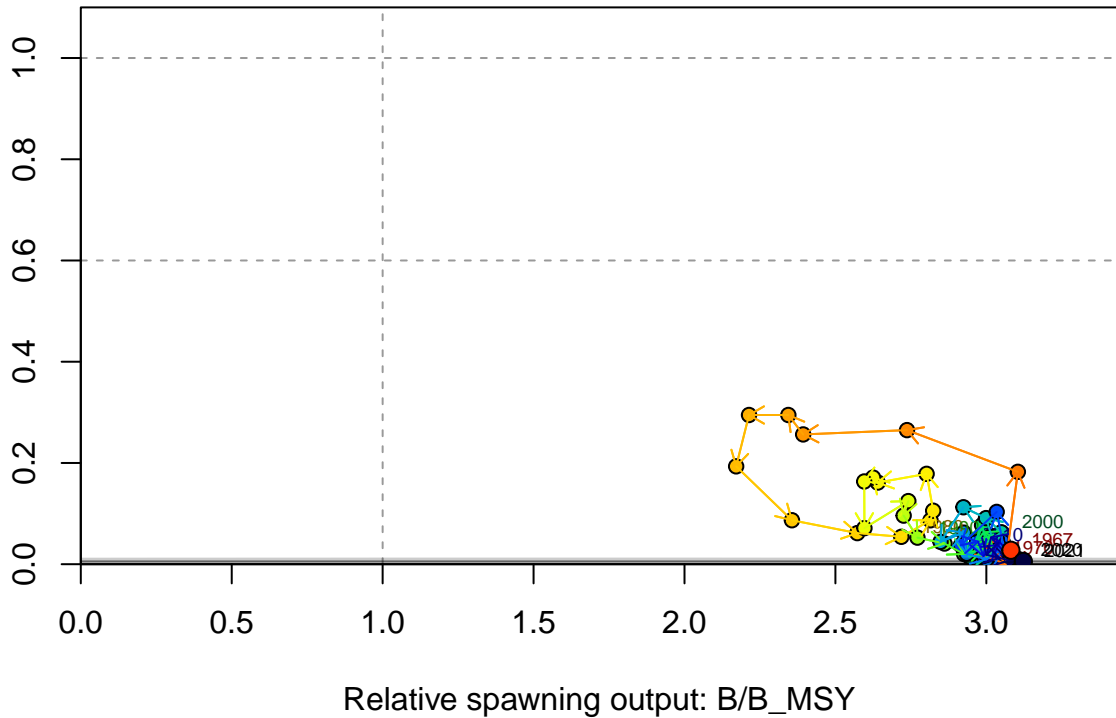


Fishing intensity: 1-SPR





Fishing intensity: 1-SPR



Index

4  
3  
2  
1  
0

2016

2017

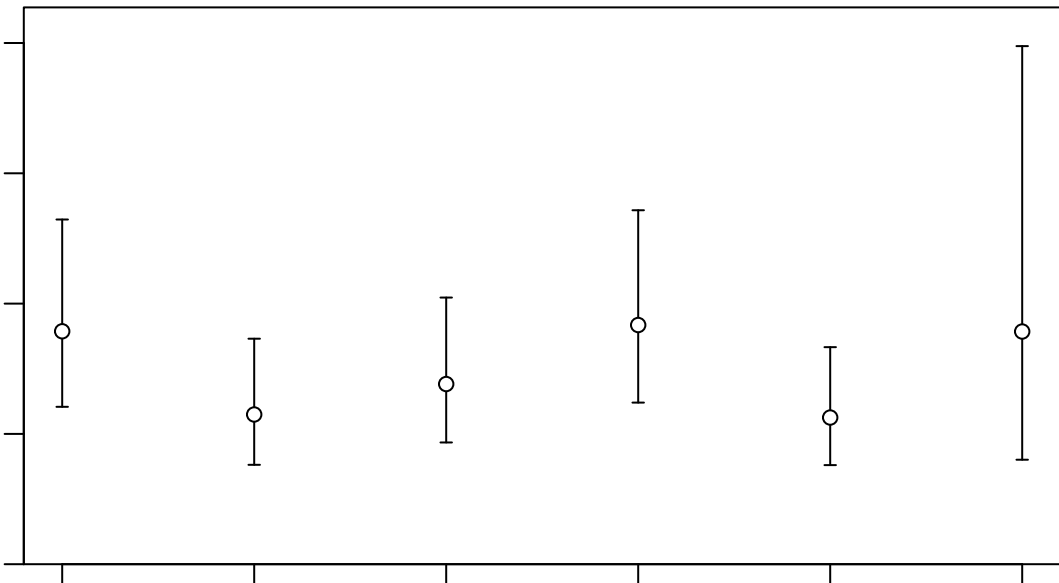
2018

2019

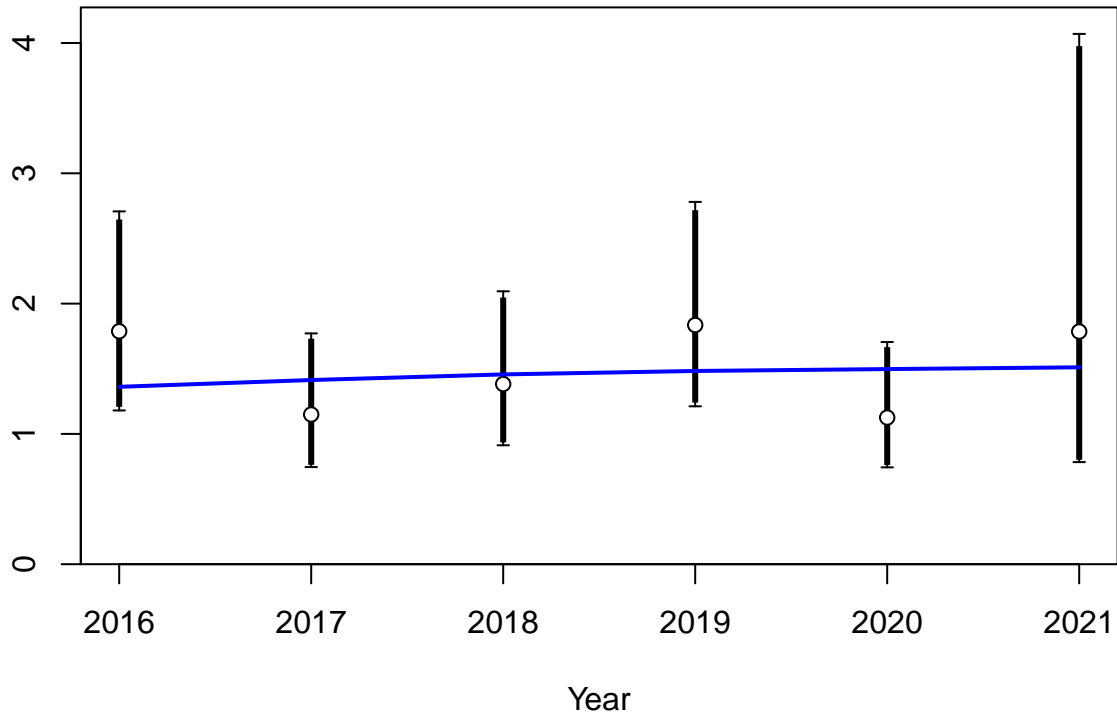
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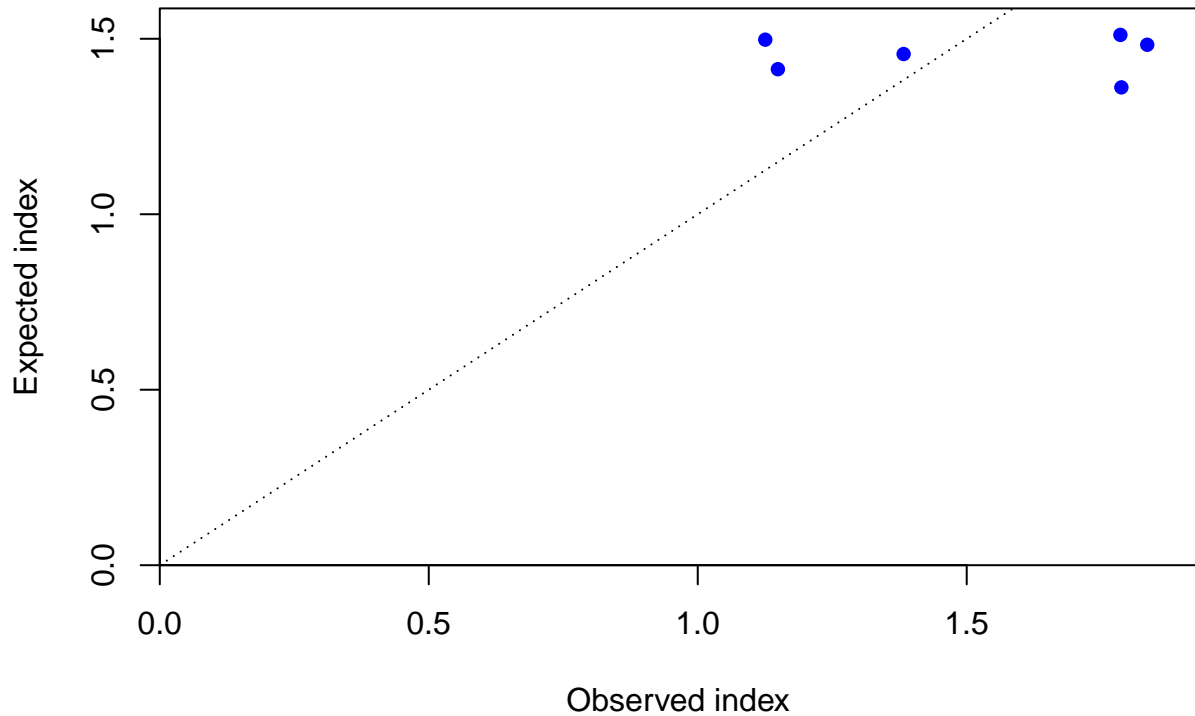
2021

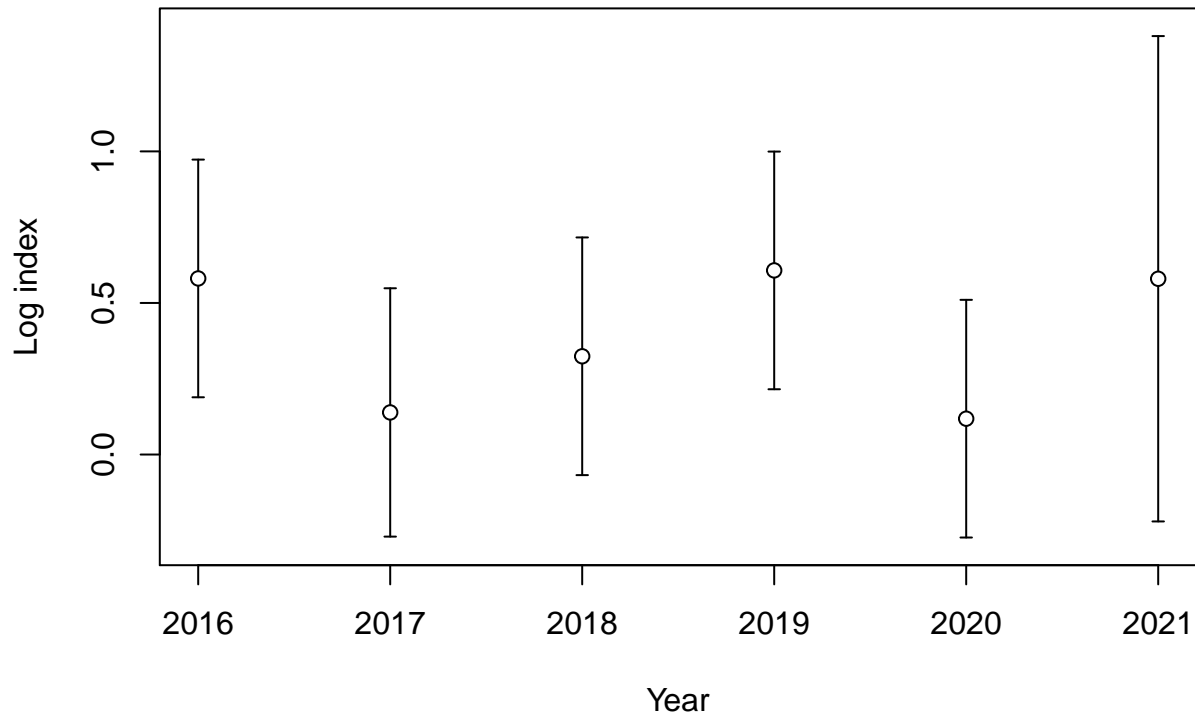
Year

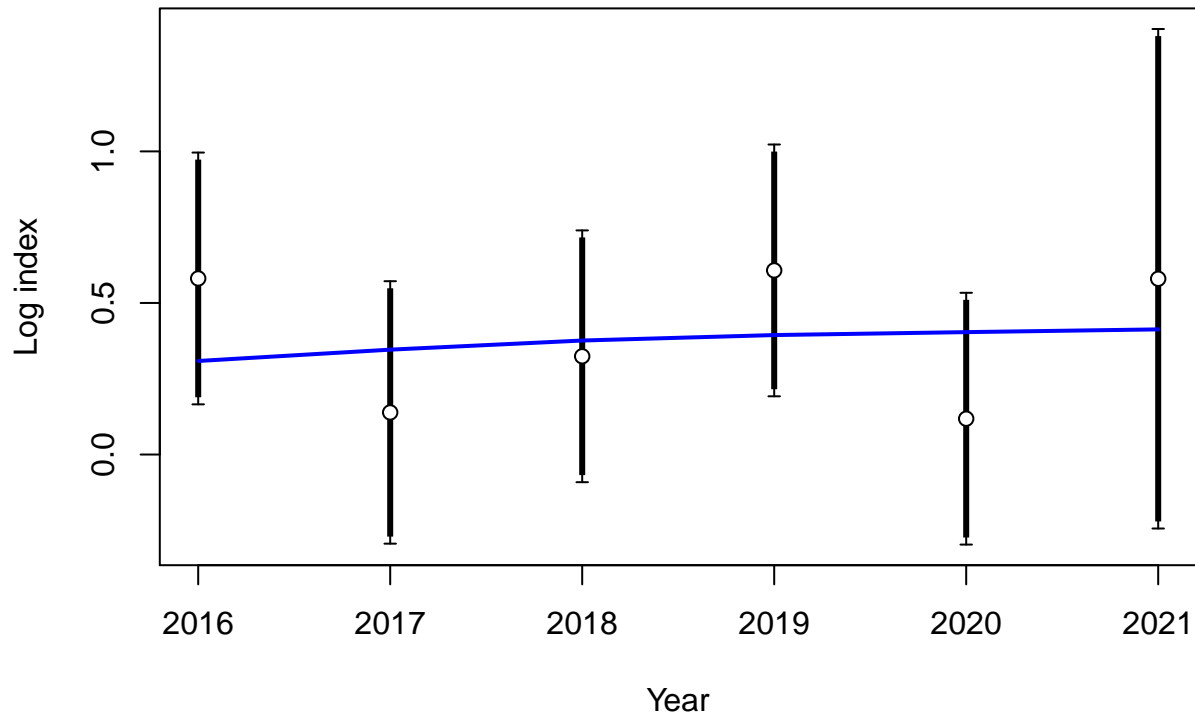


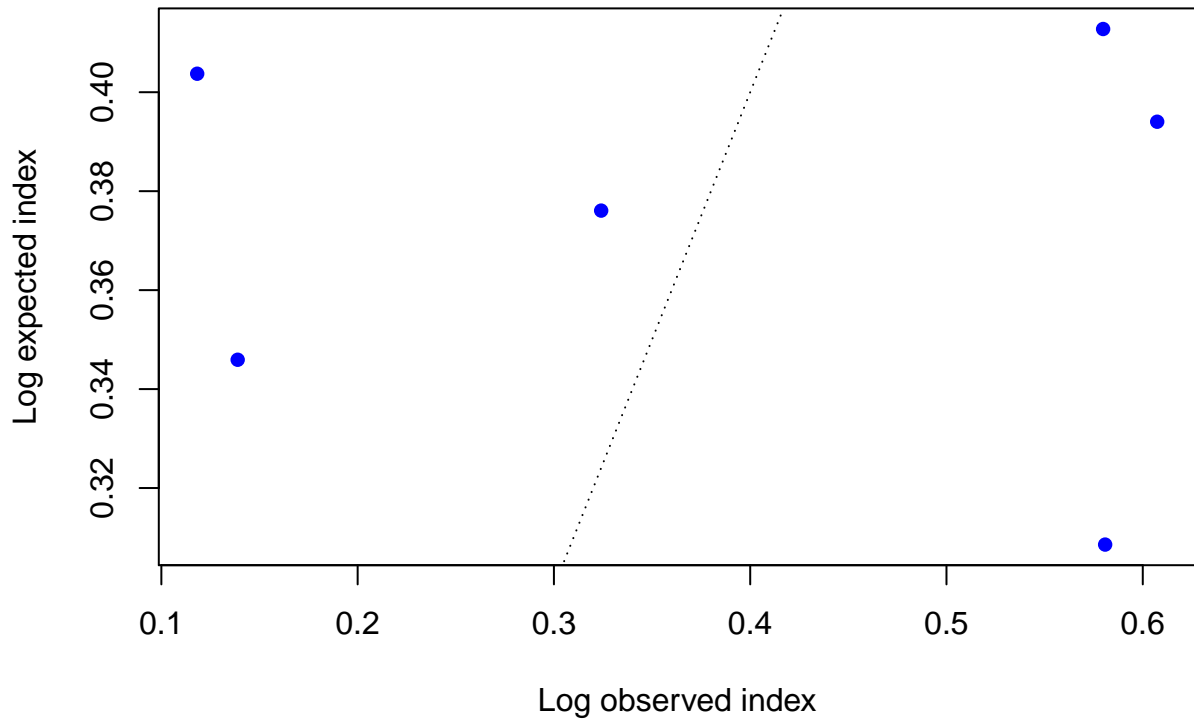
Index

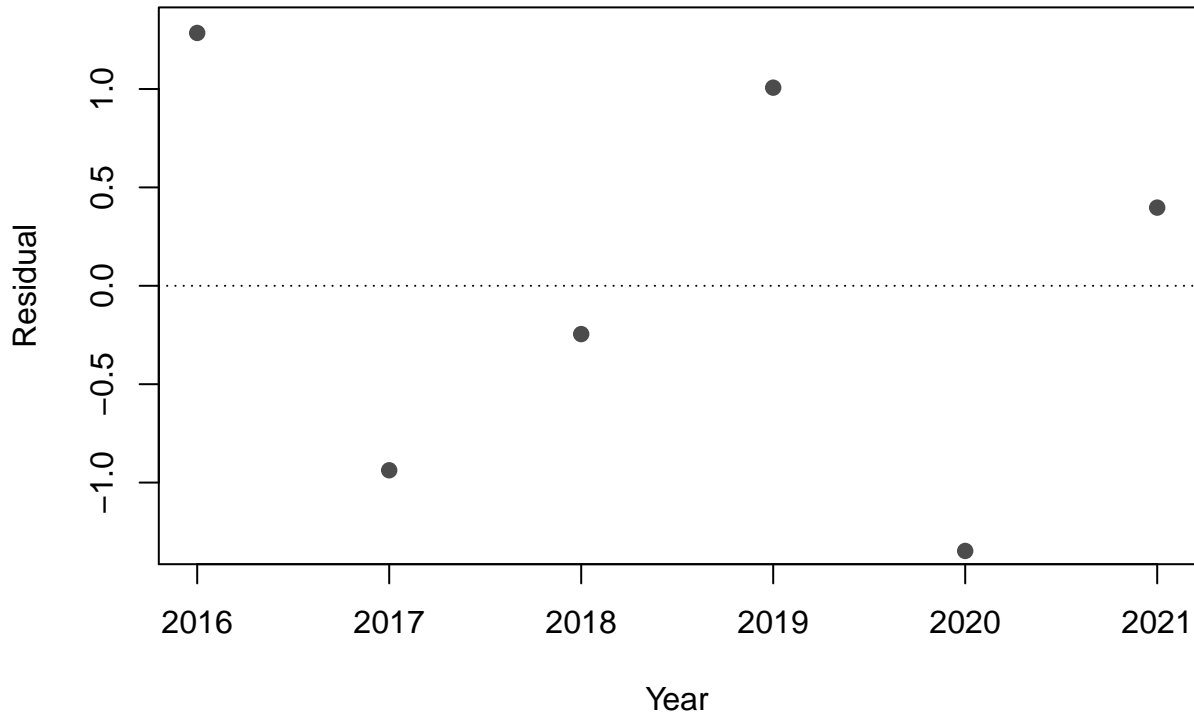




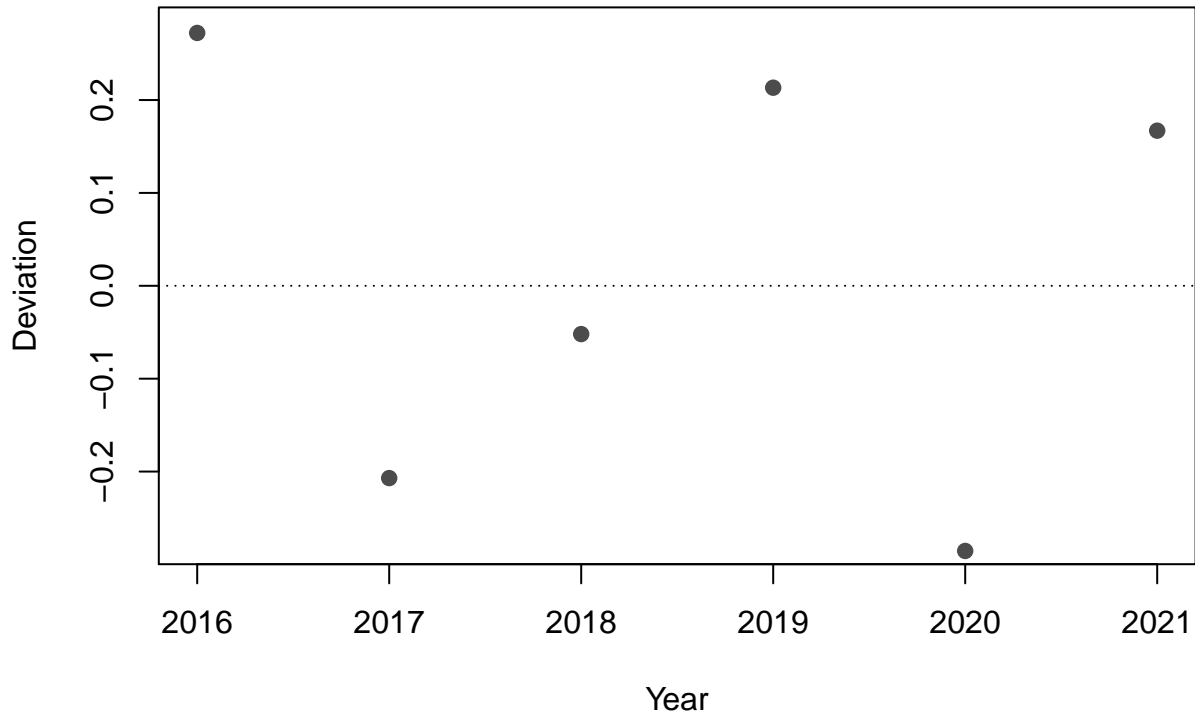






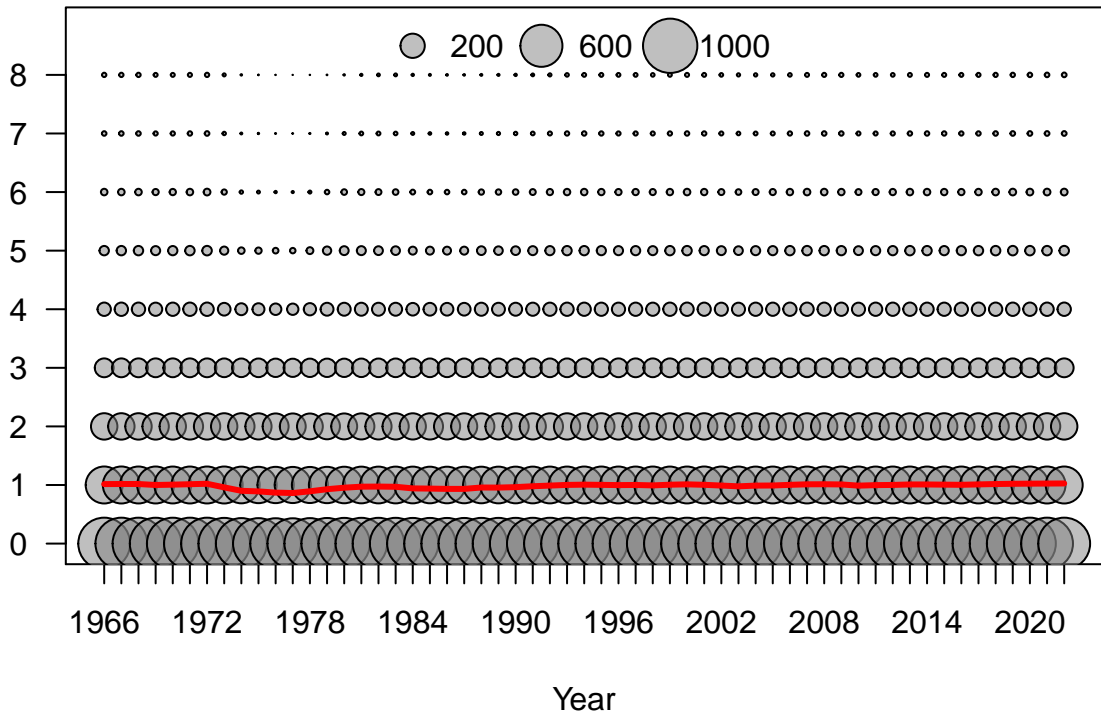




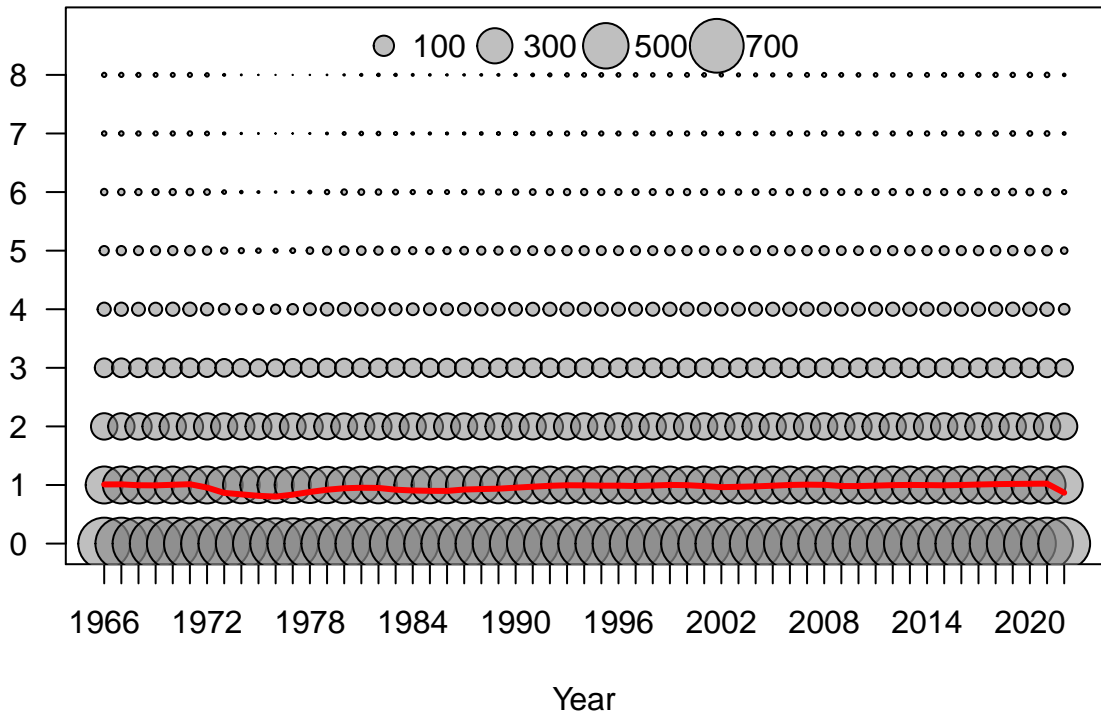


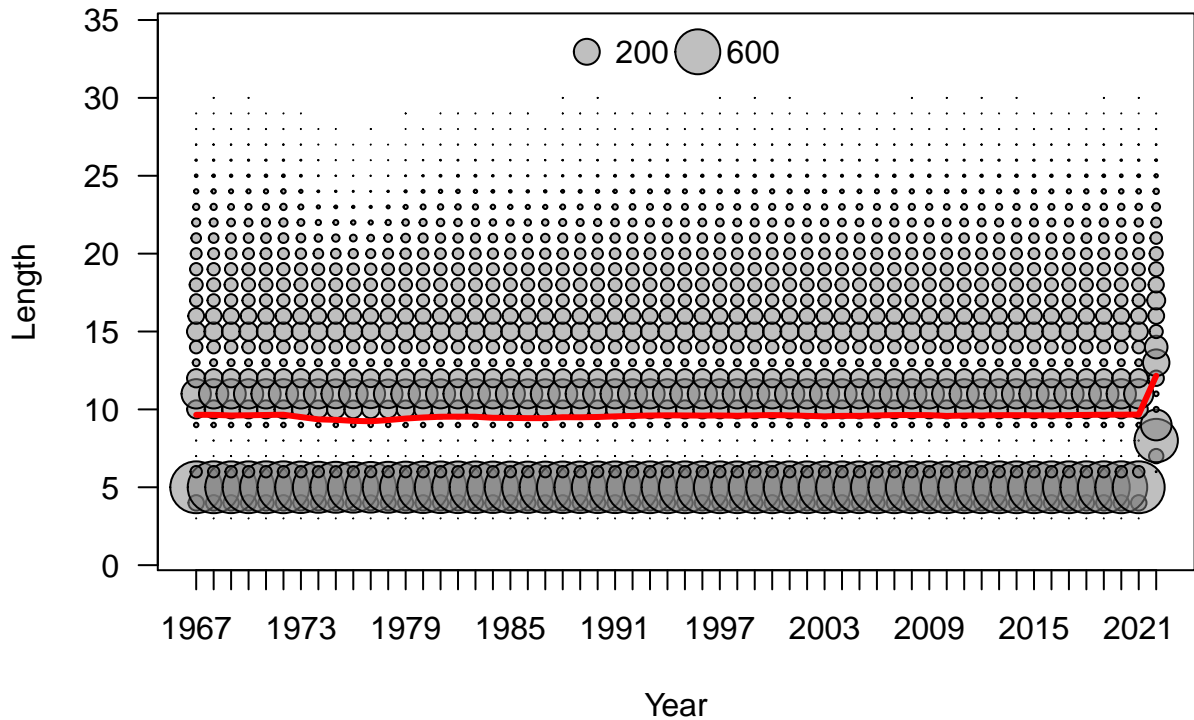


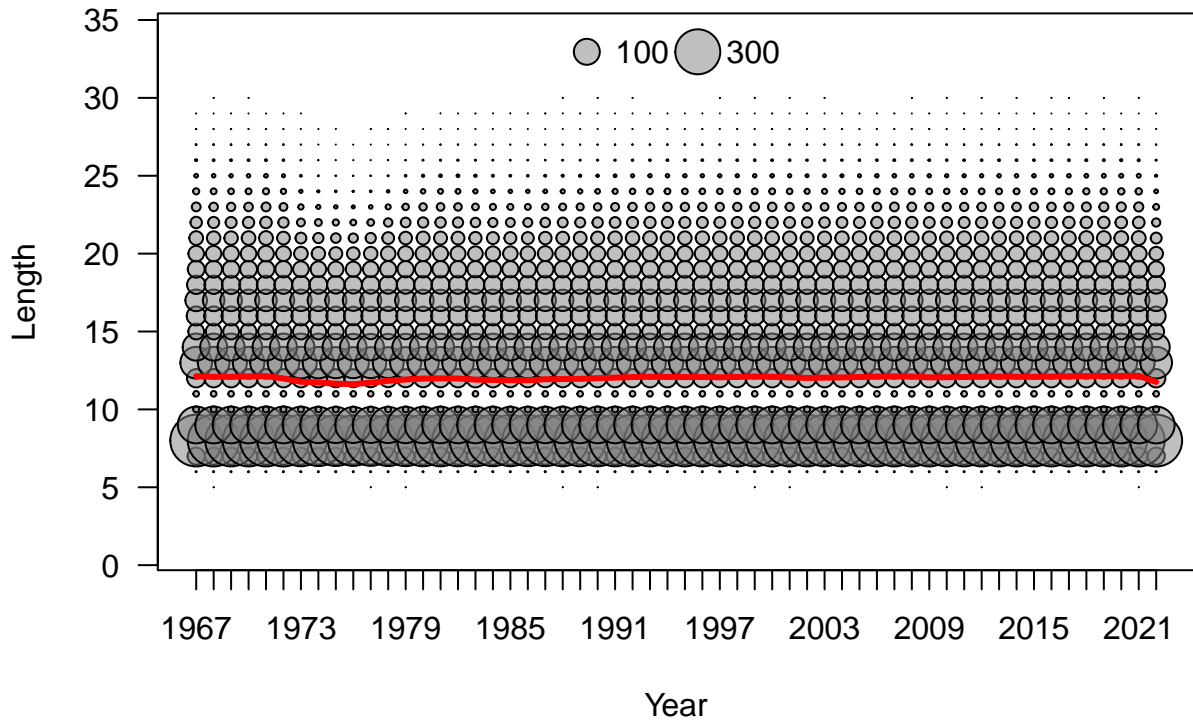
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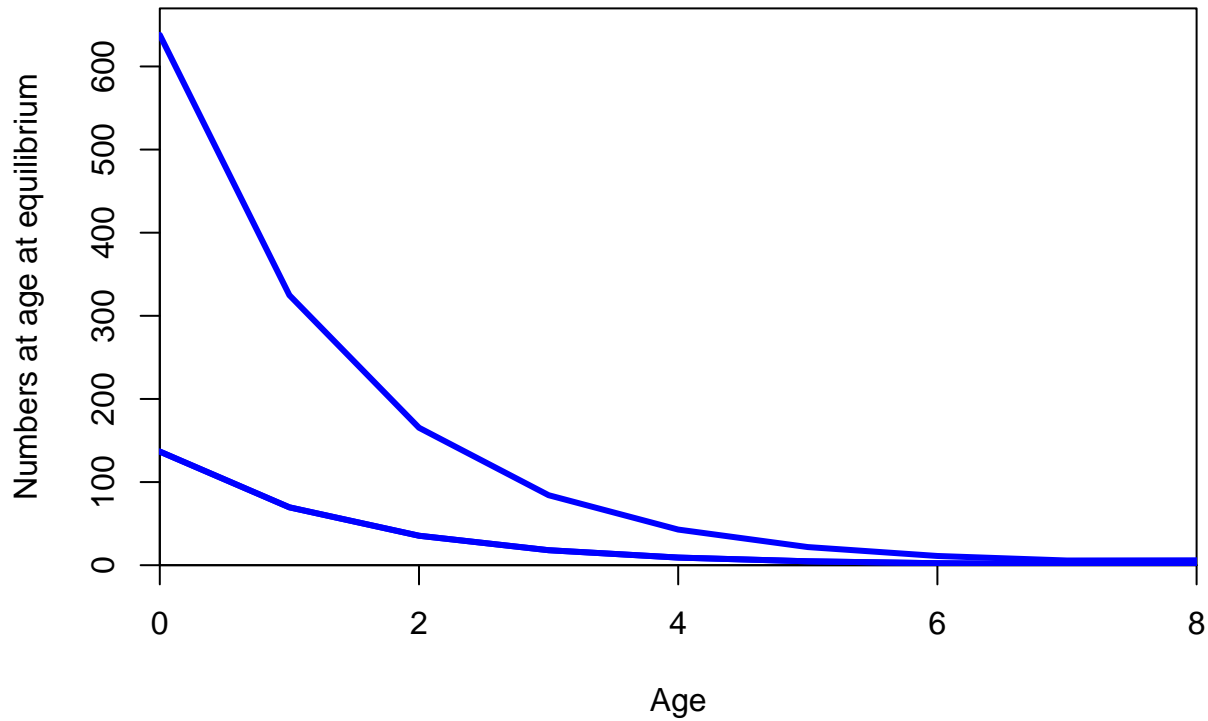


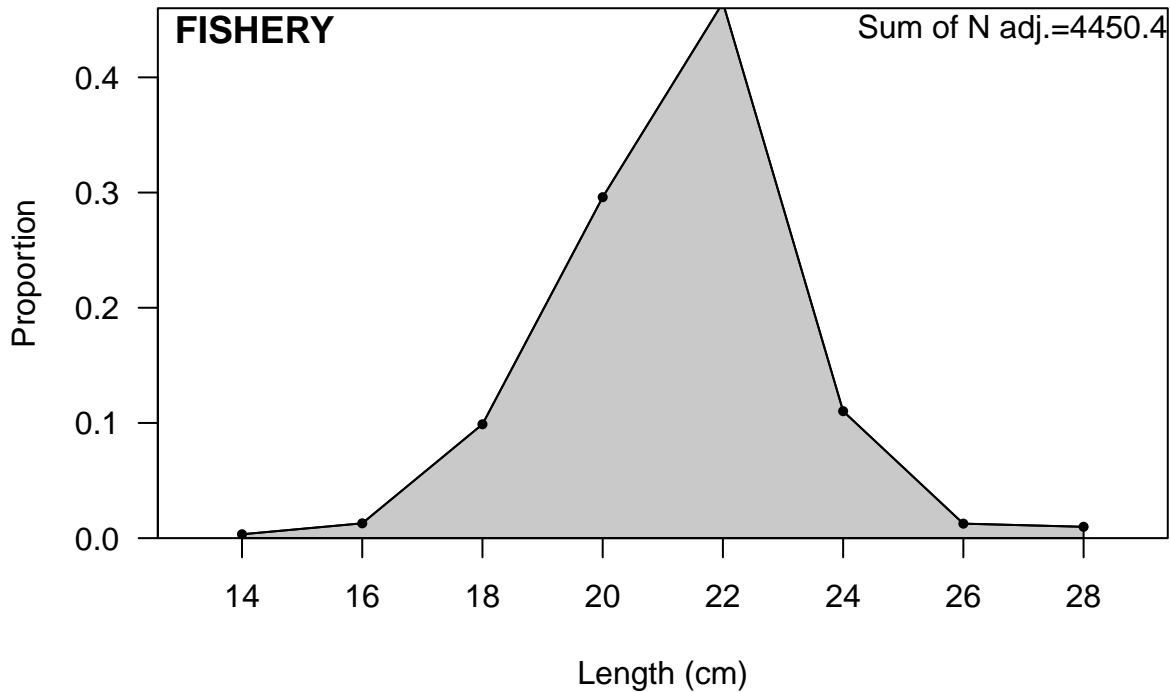
Age



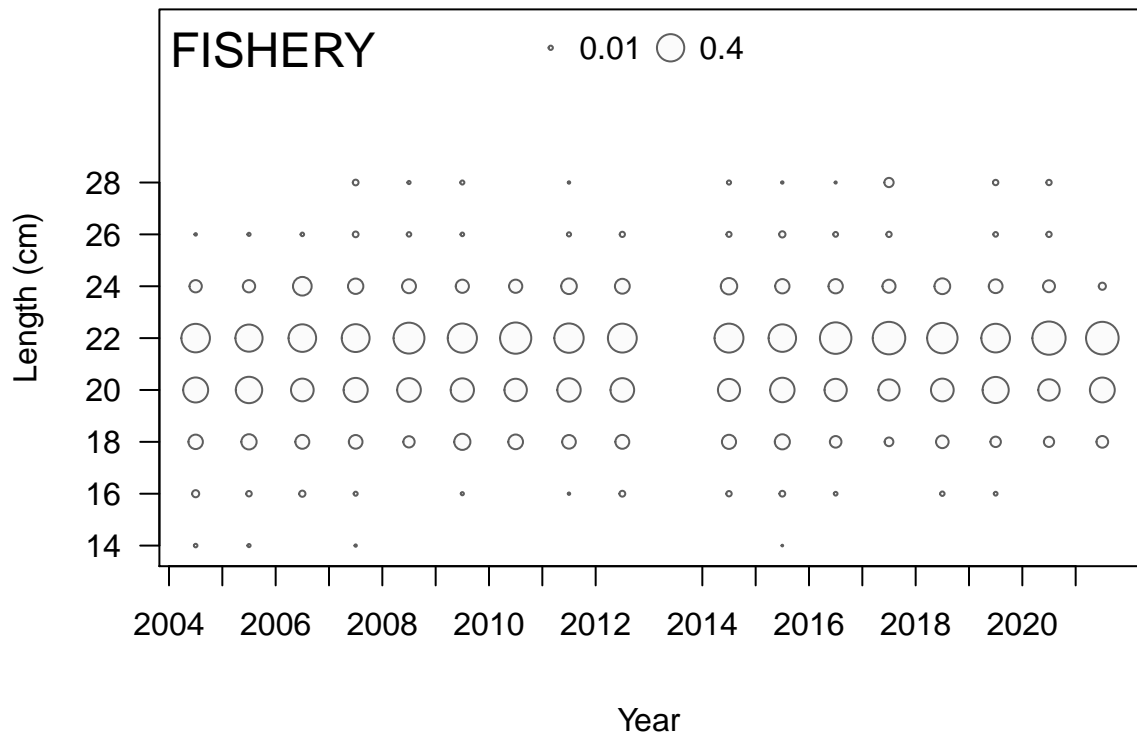




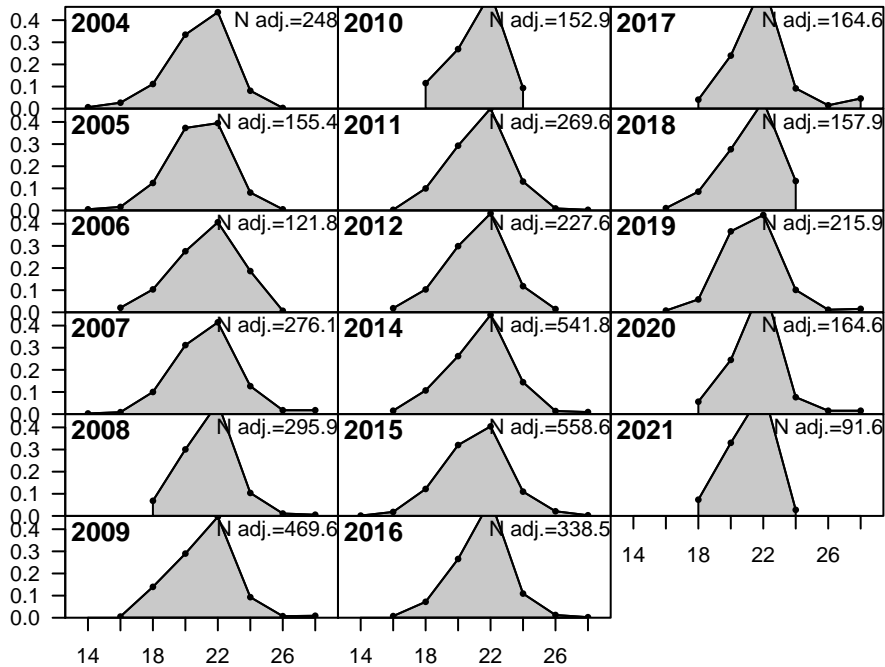








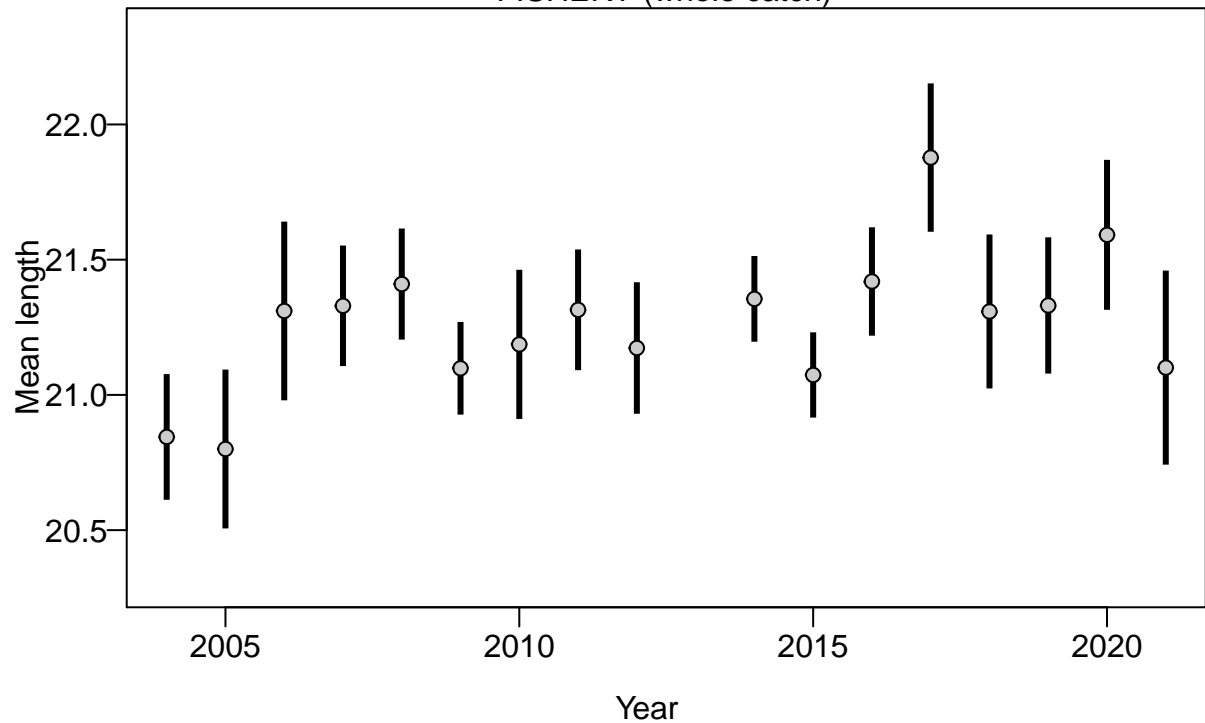
Proportion

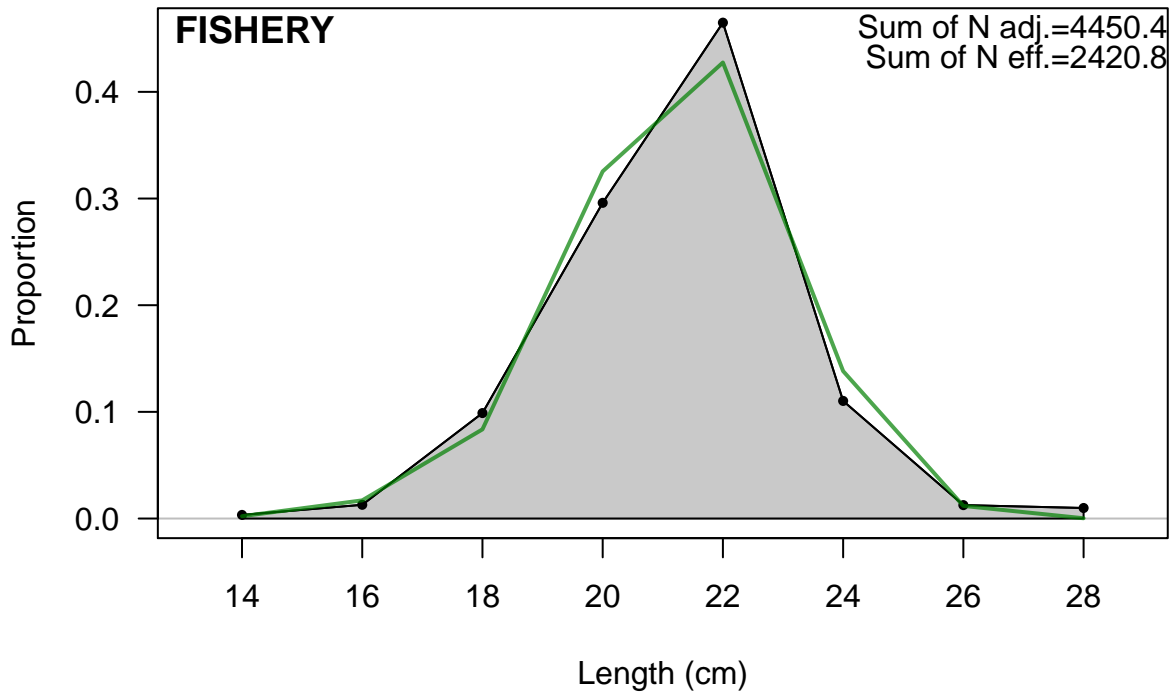


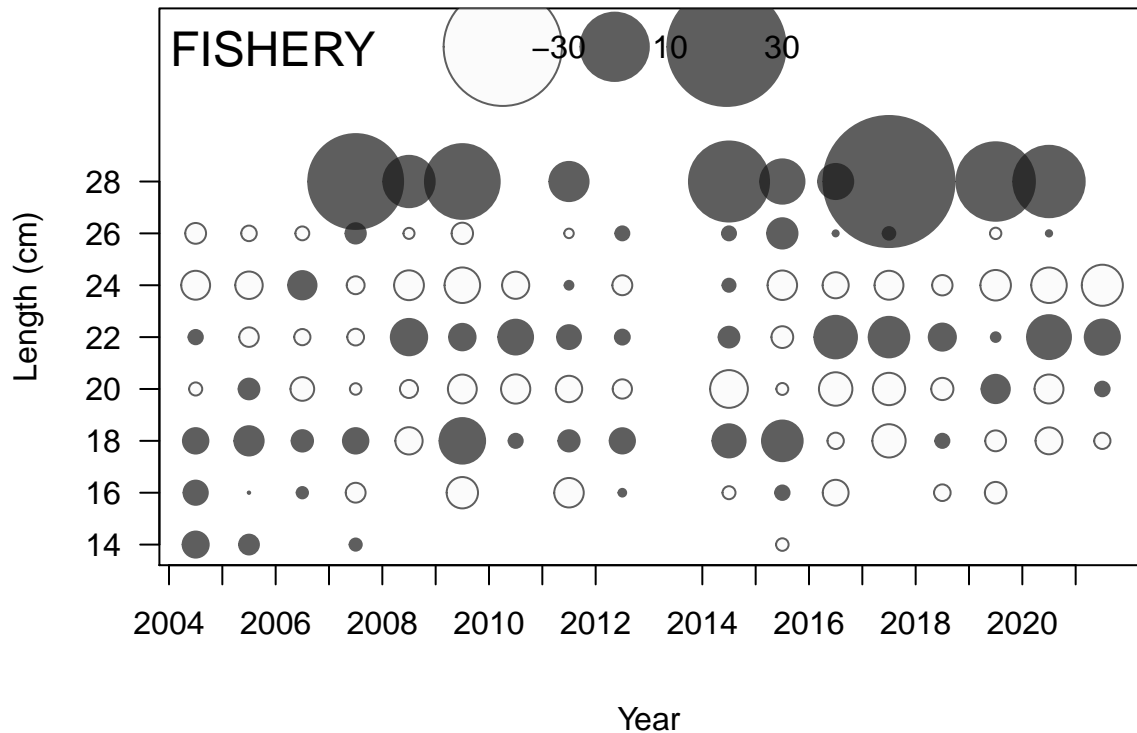
Length (cm)



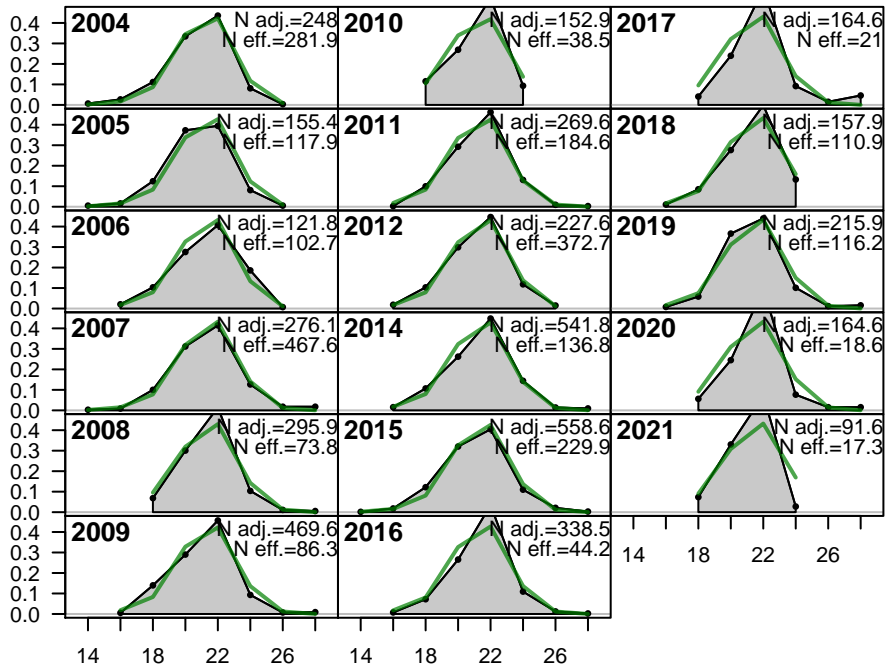
## FISHERY (whole catch)



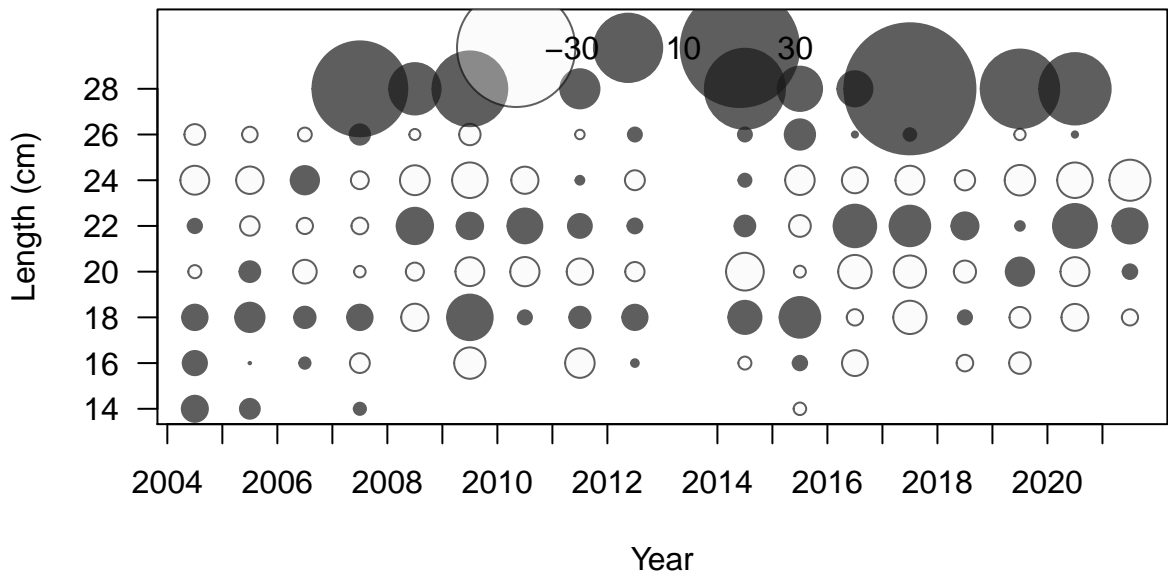




Proportion

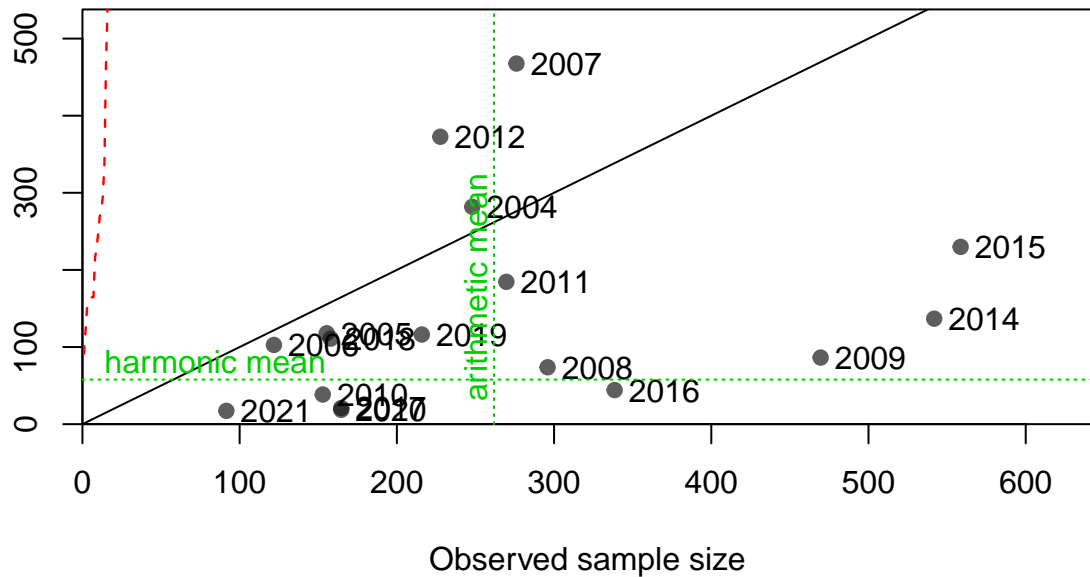


Length (cm)

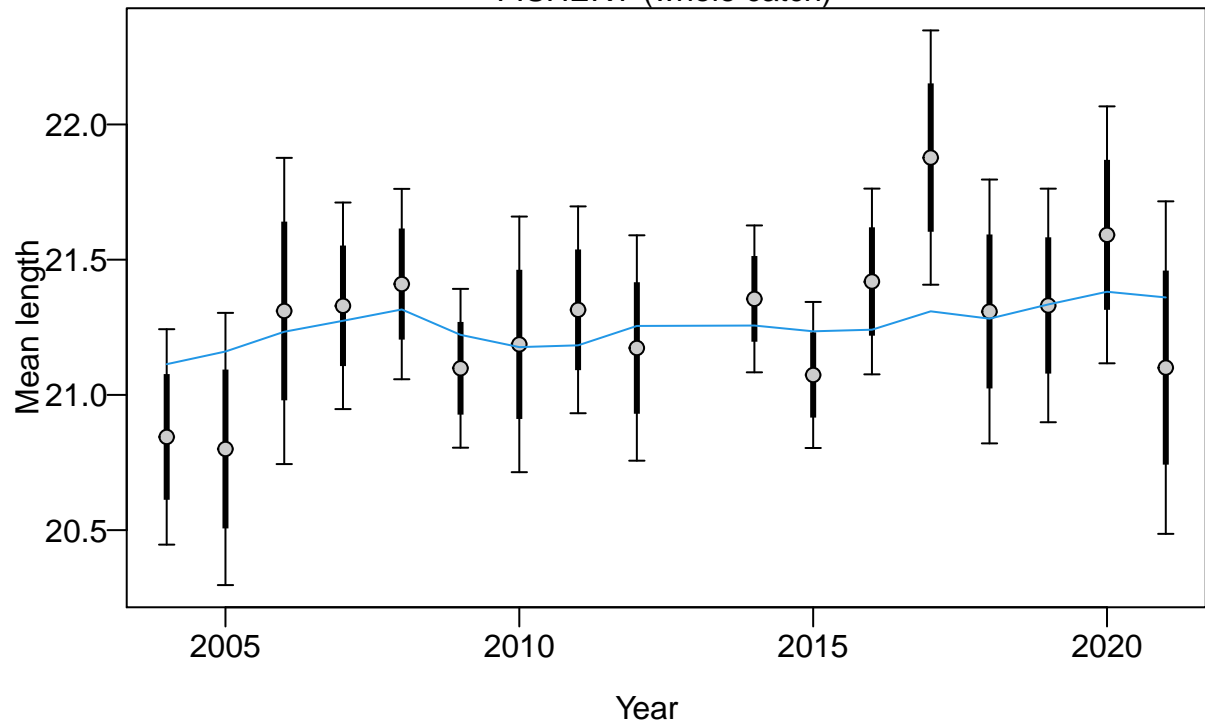


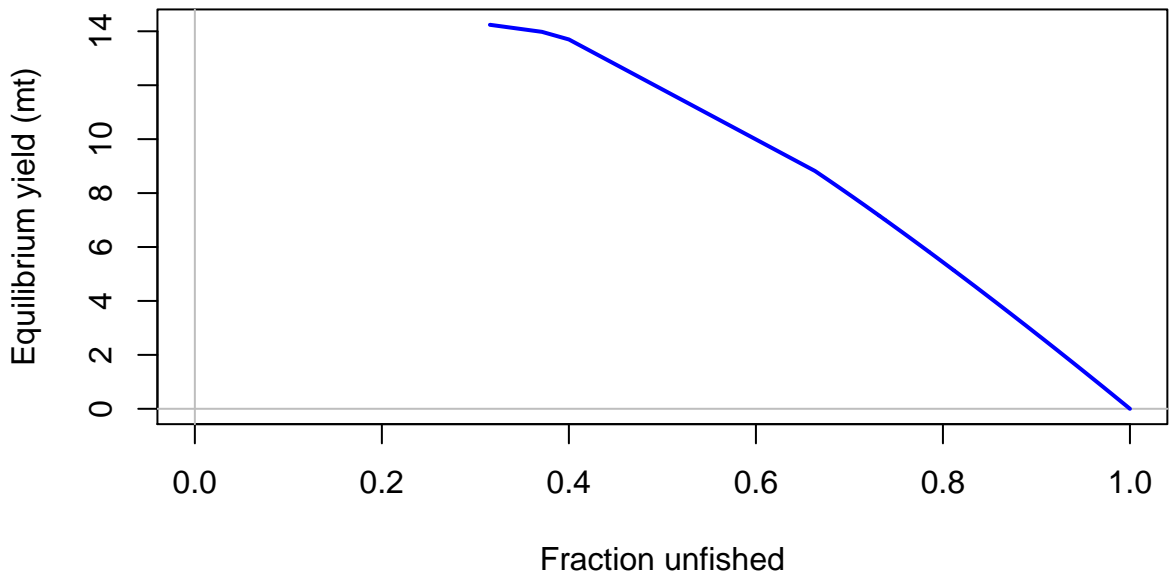


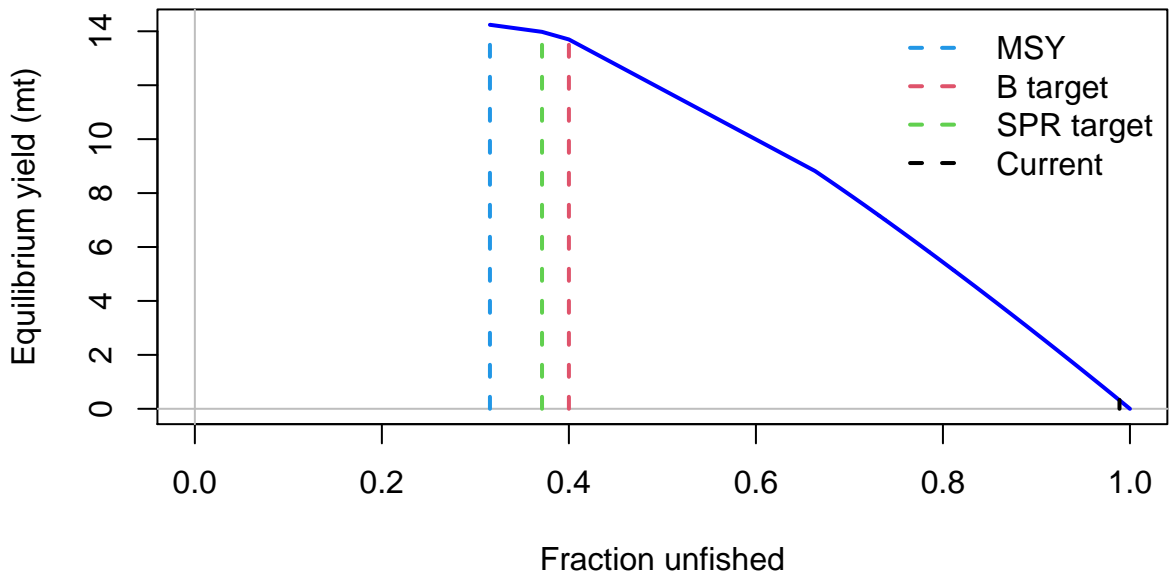
Effective sample size

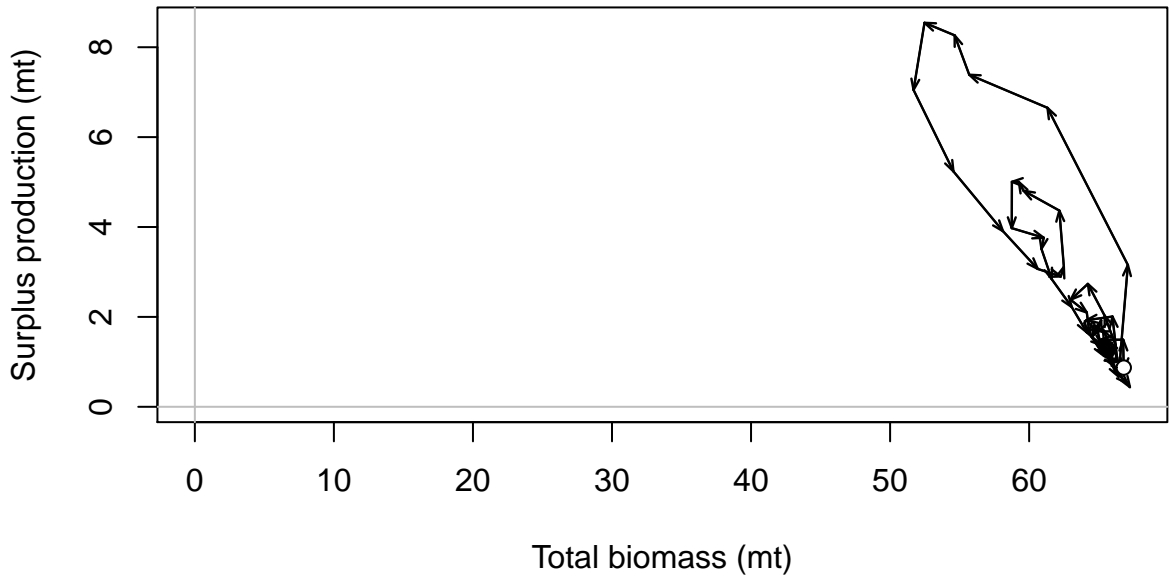


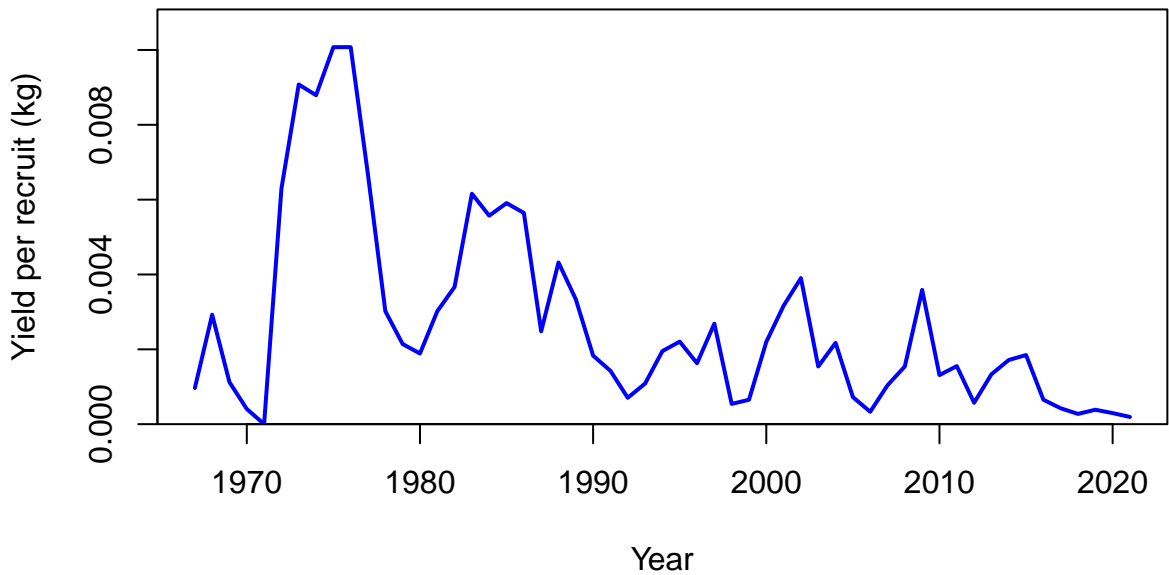
FISHERY (whole catch)

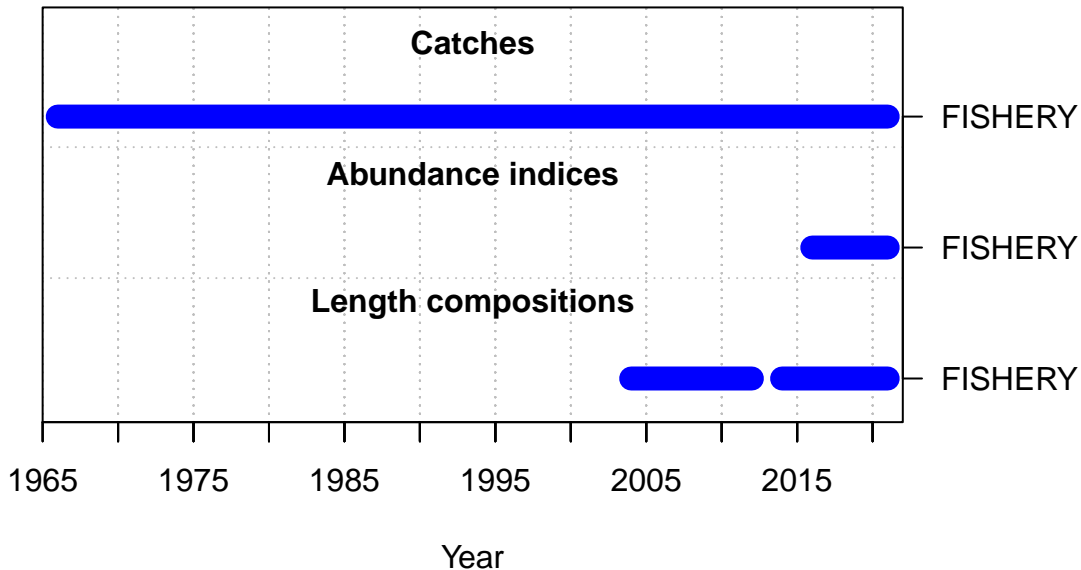


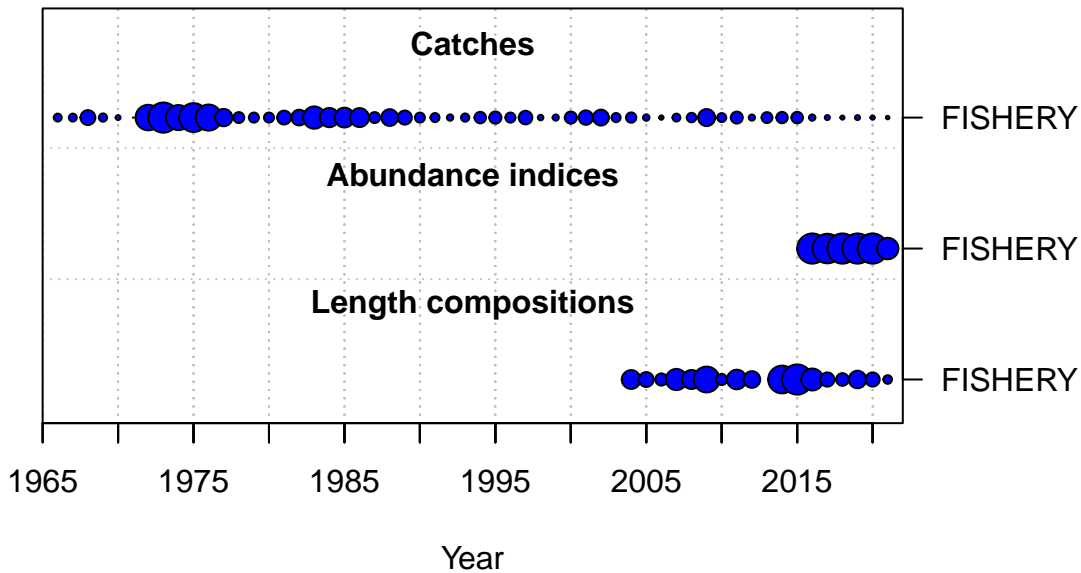








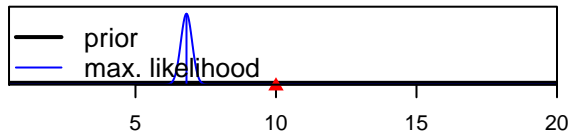




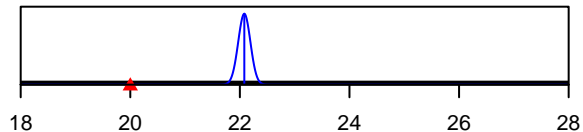


Density

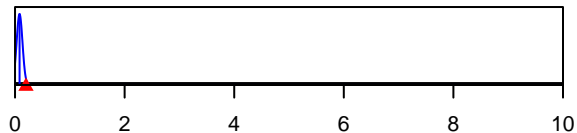
SR\_LN(R0)



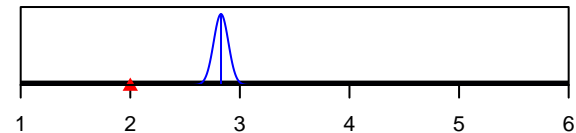
Size\_inflection\_FISHERY(1)



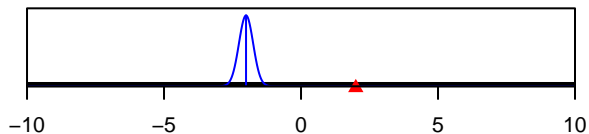
InitF\_seas\_1\_flt\_1FISHERY



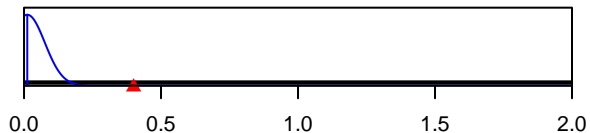
Size\_95%width\_FISHERY(1)



LnQ\_base\_FISHERY(1)



Q\_extraSD\_FISHERY(1)



Parameter value