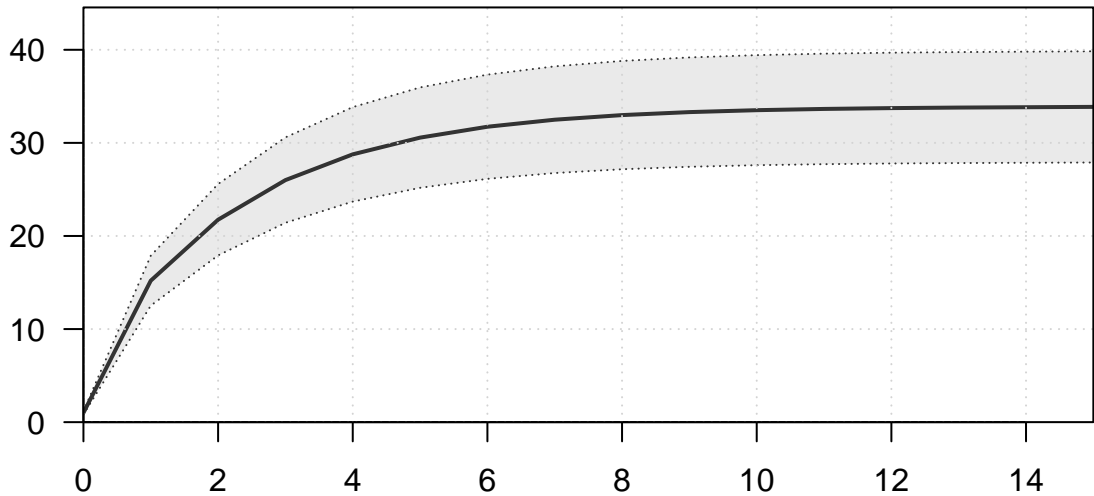
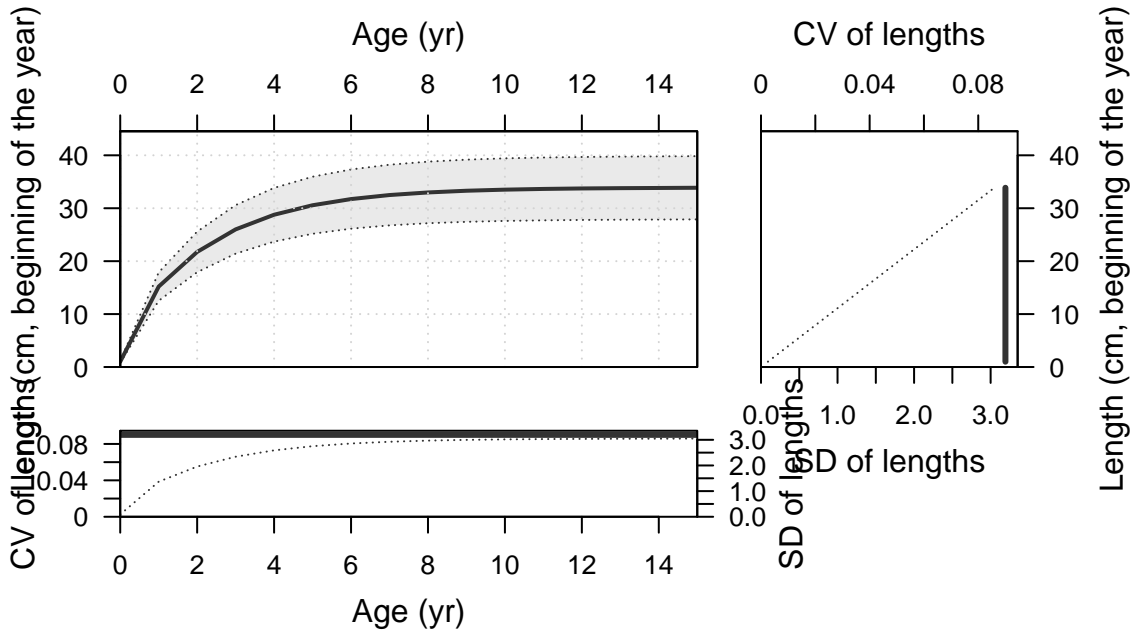


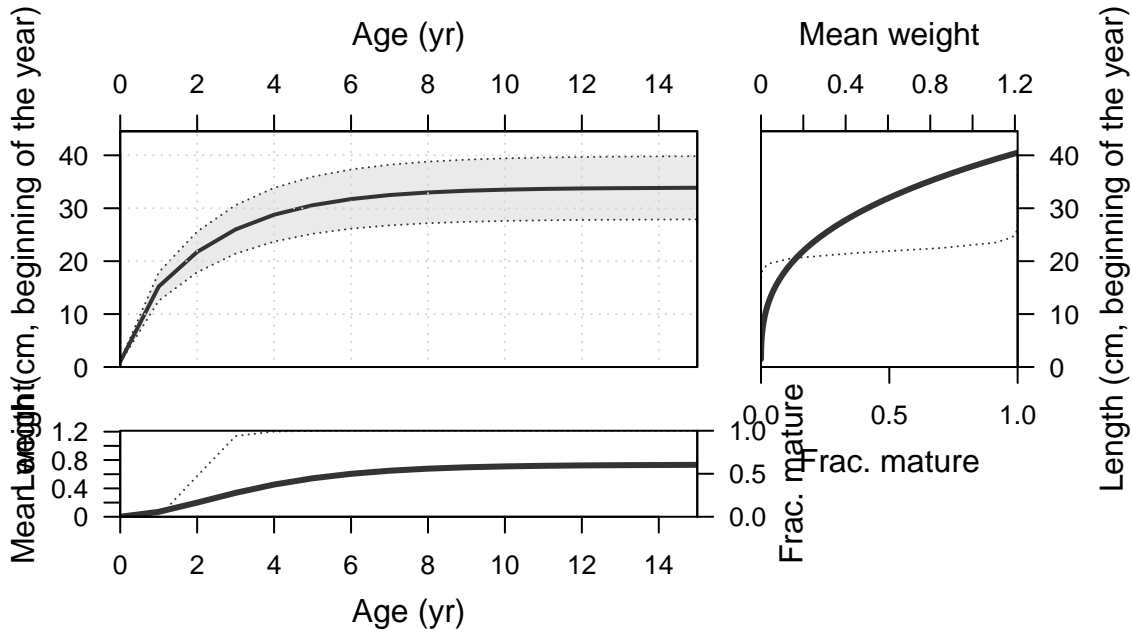
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Tue Aug 02 11:01:17 2022
Data_File: data.ss
Control_File: control.ss

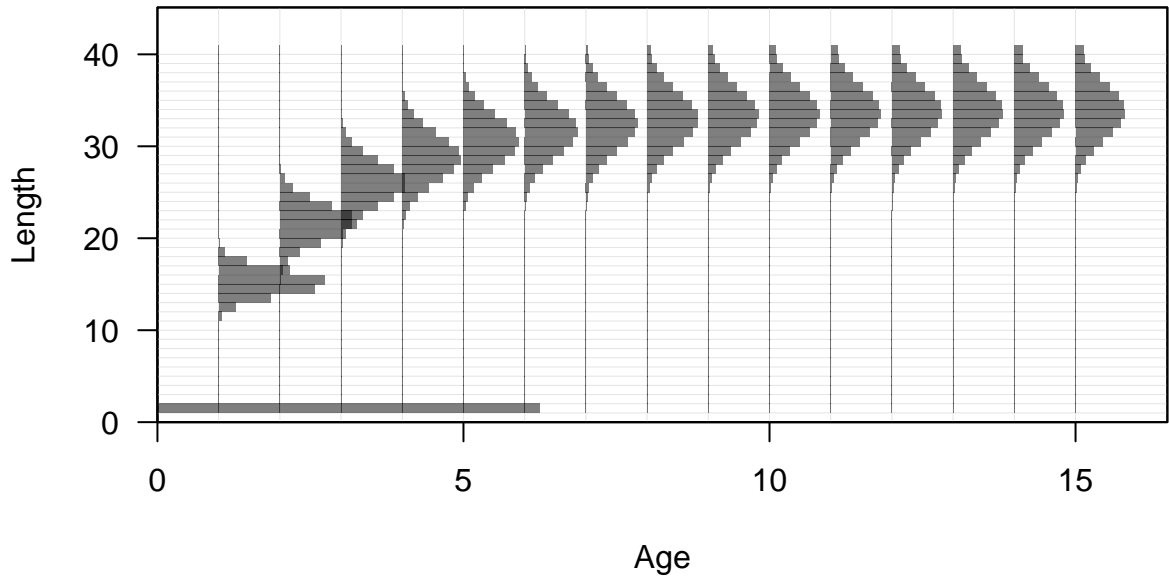
Length (cm, beginning of the year)

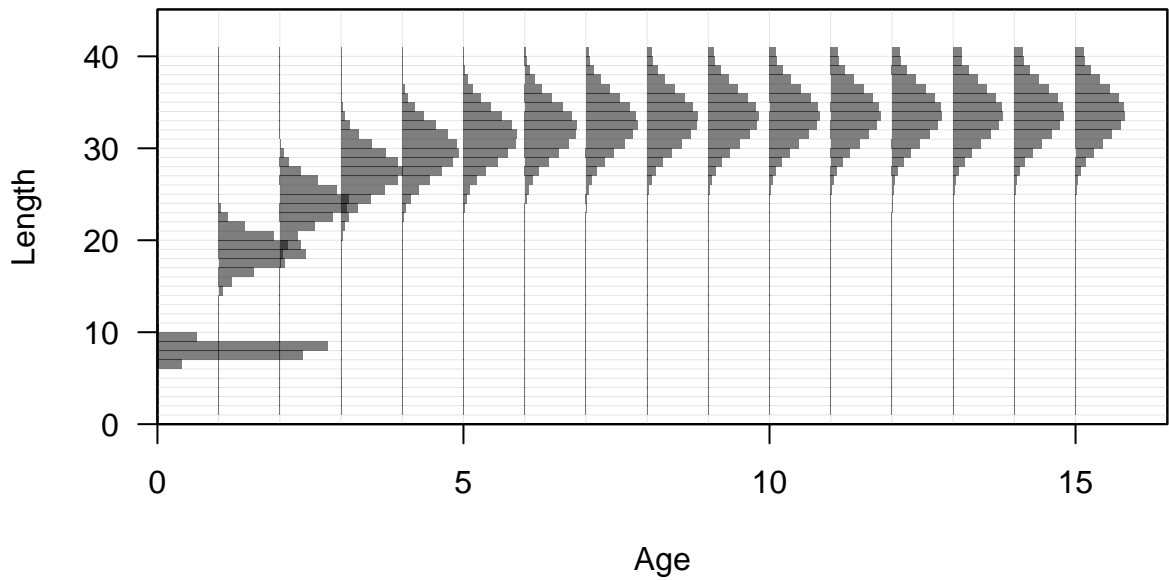


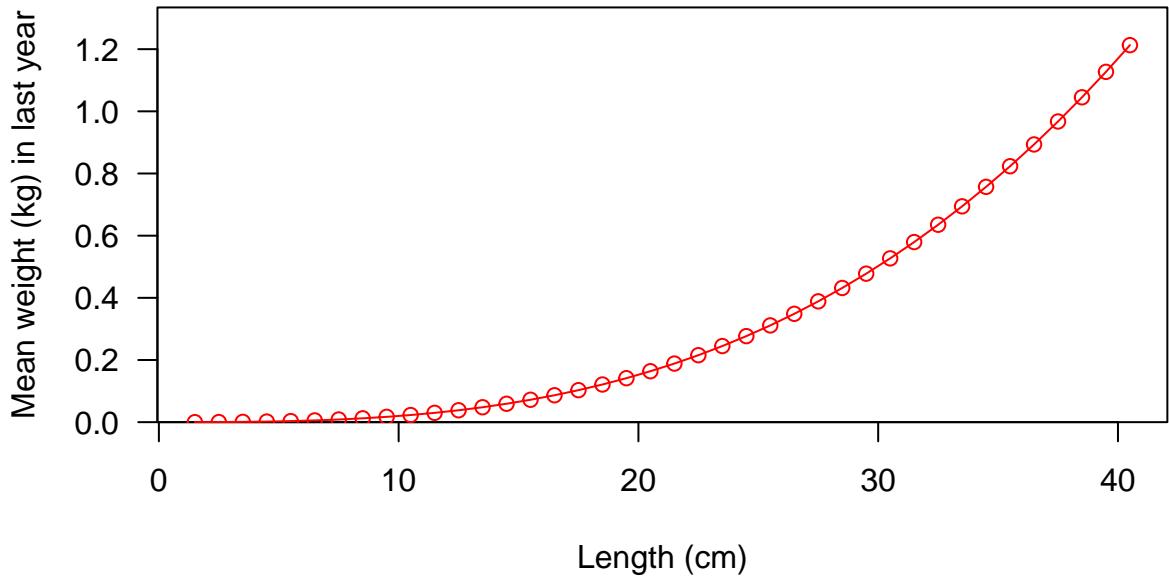
Age (yr)

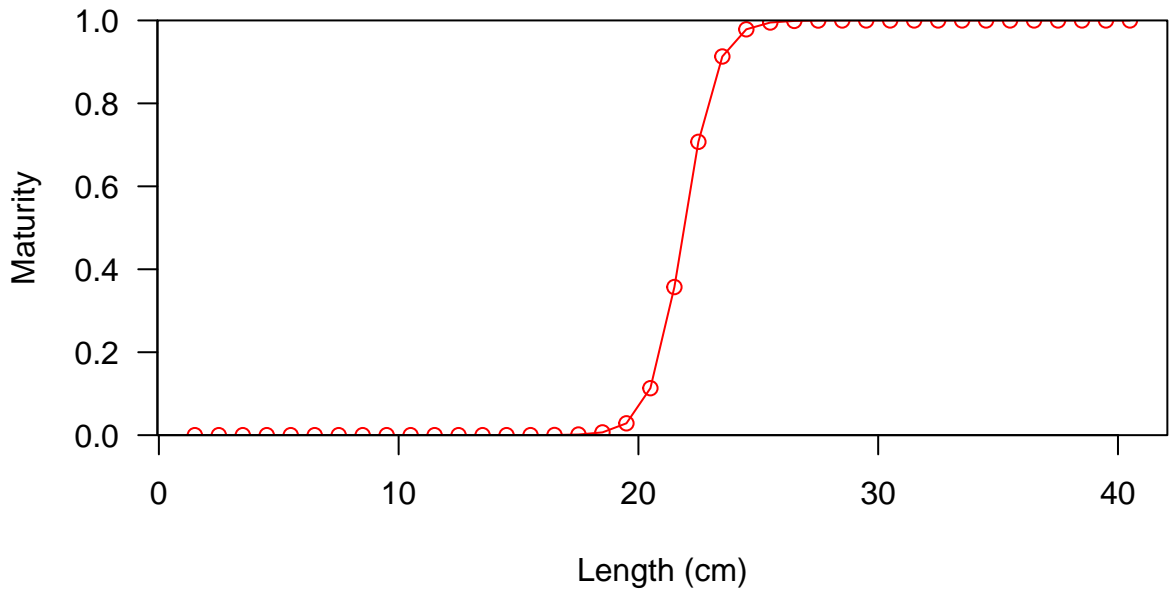


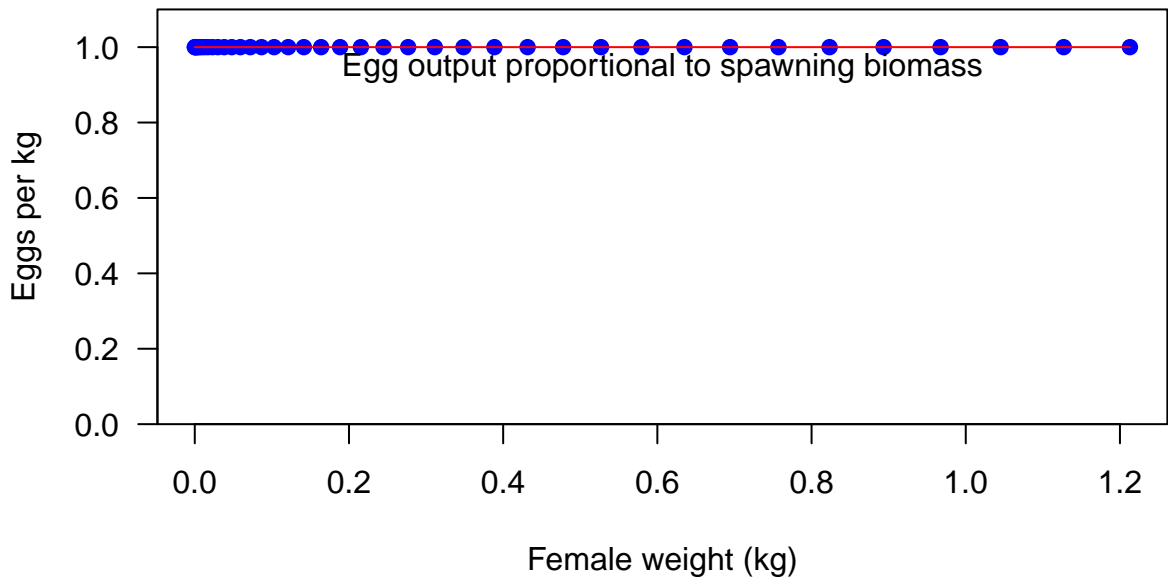


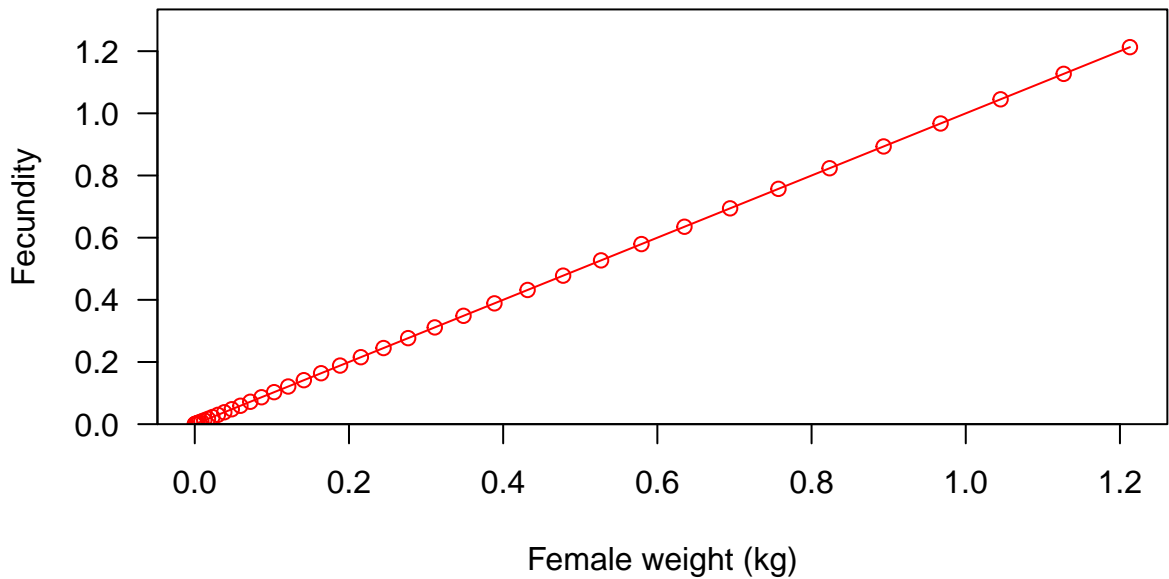


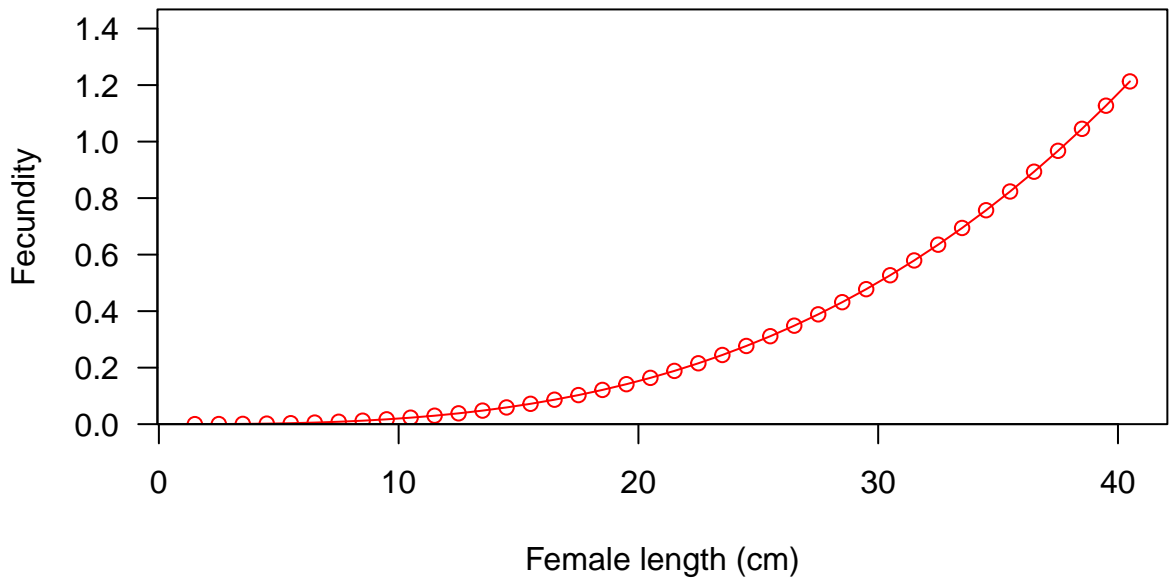


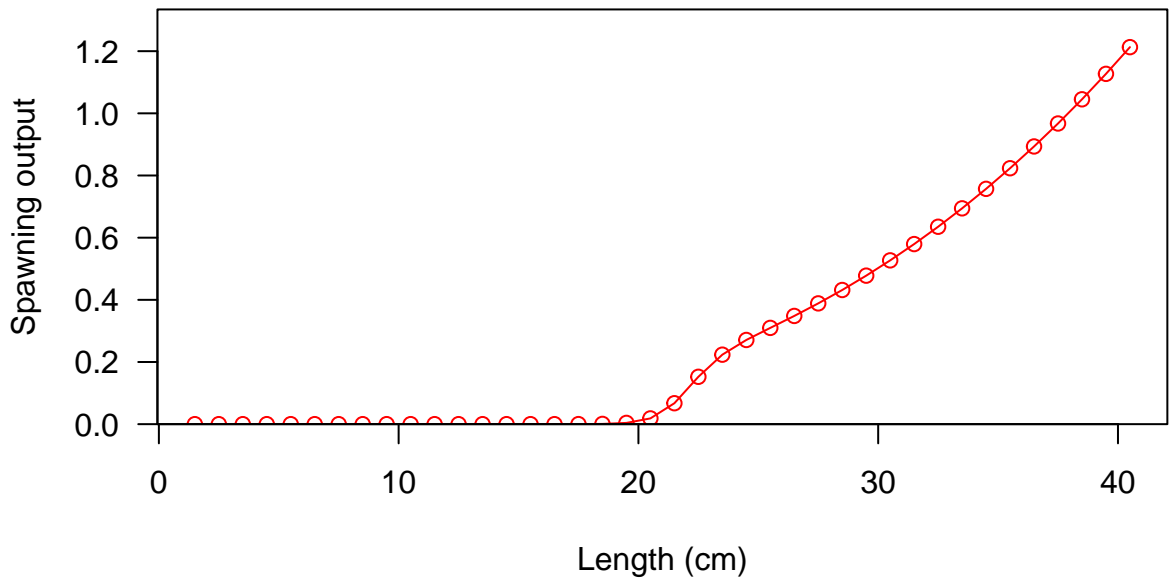


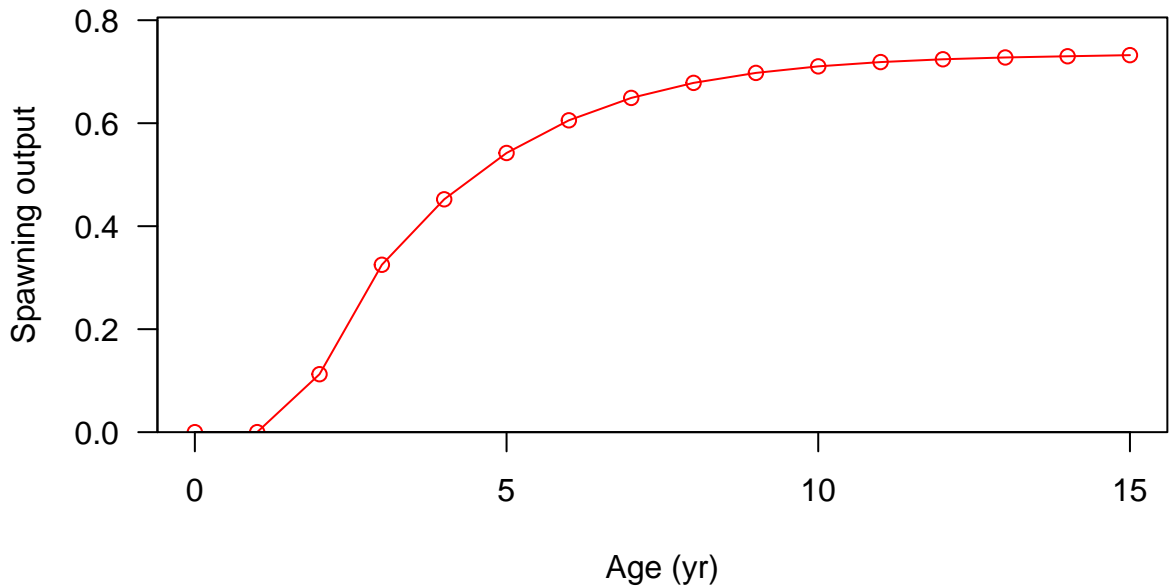




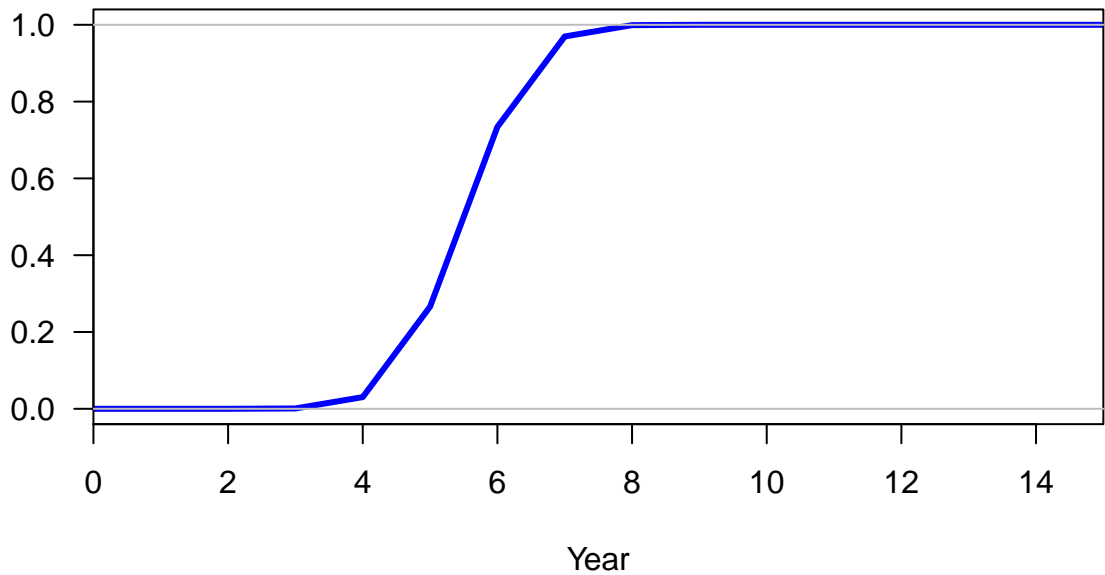




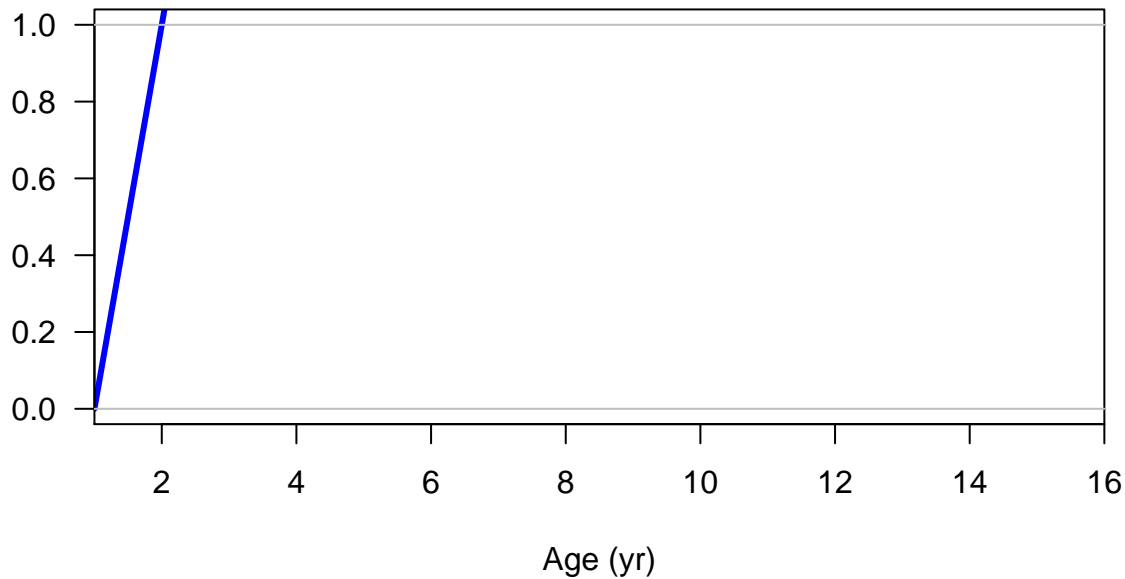




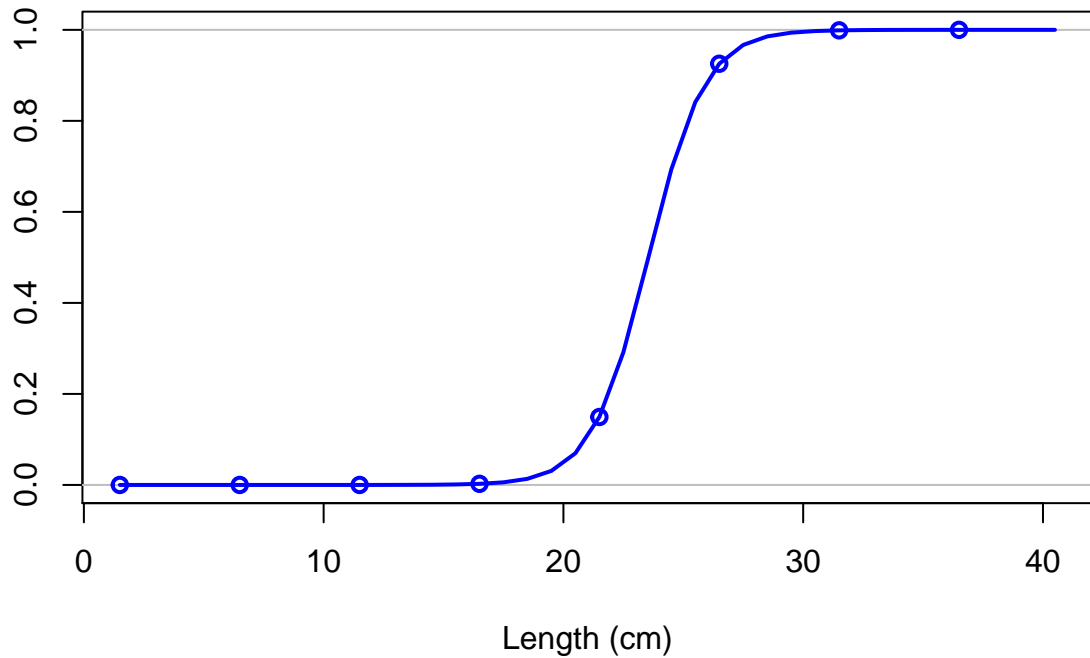
Hermaphroditism transition rate



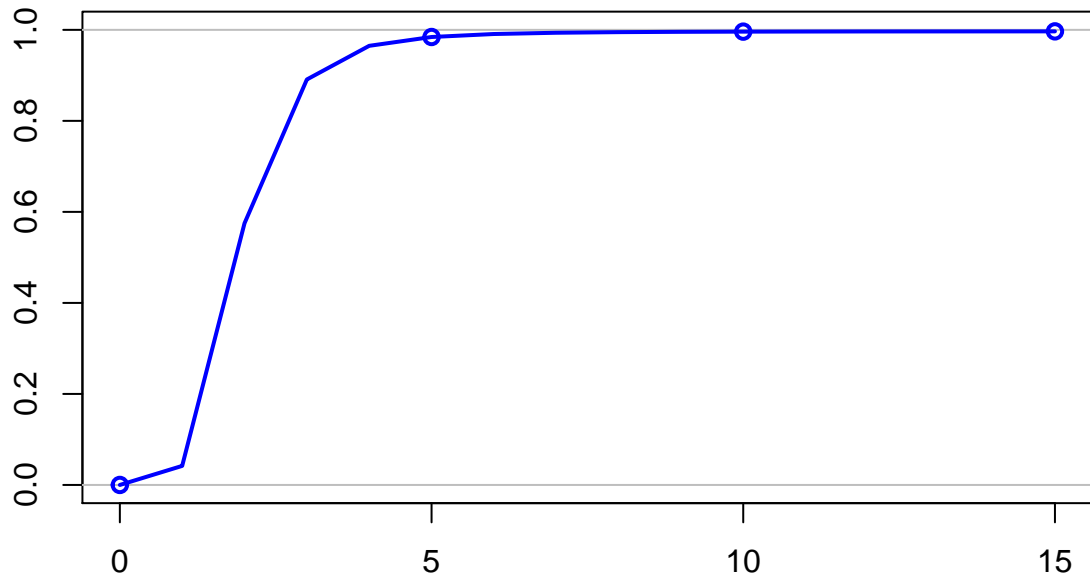
Fraction females by age at equilibrium



Selectivity

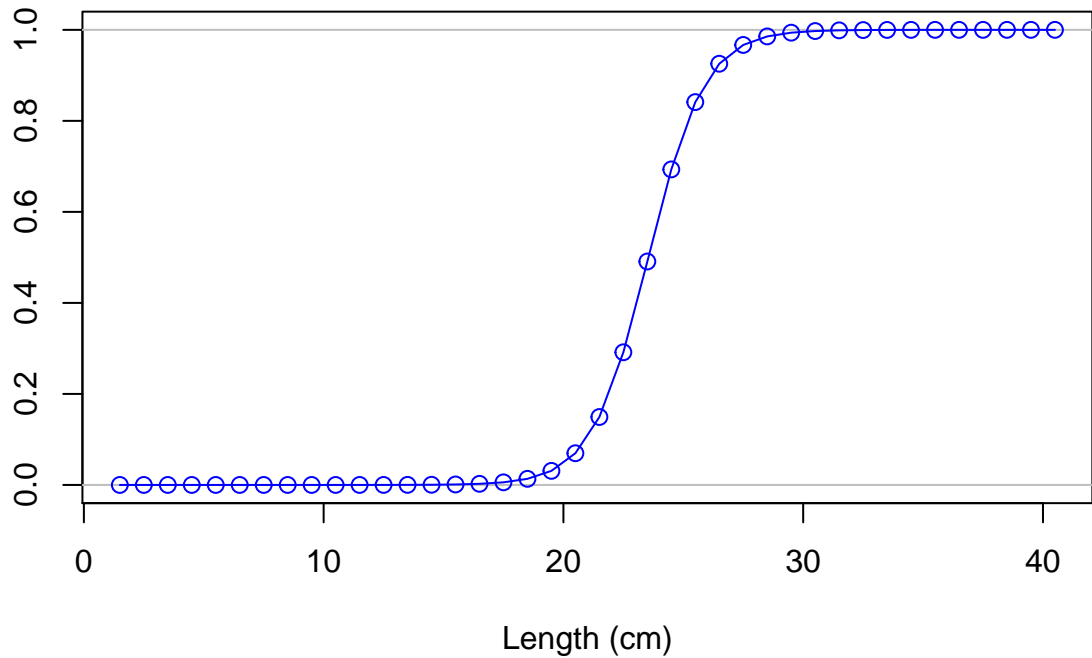


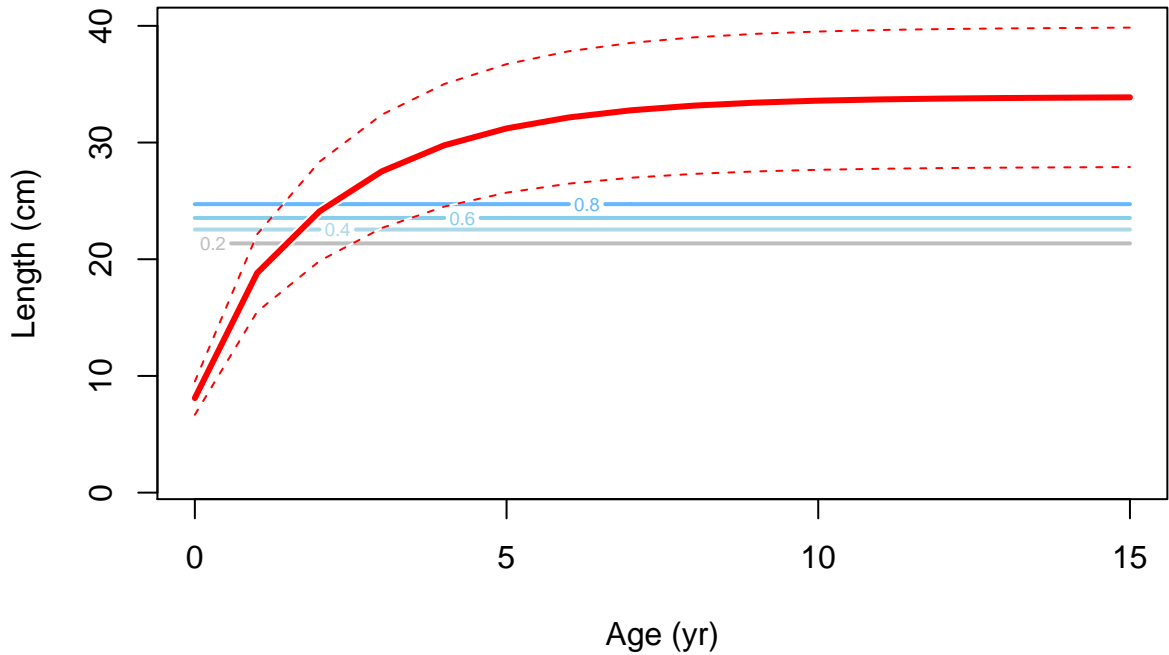
Selectivity

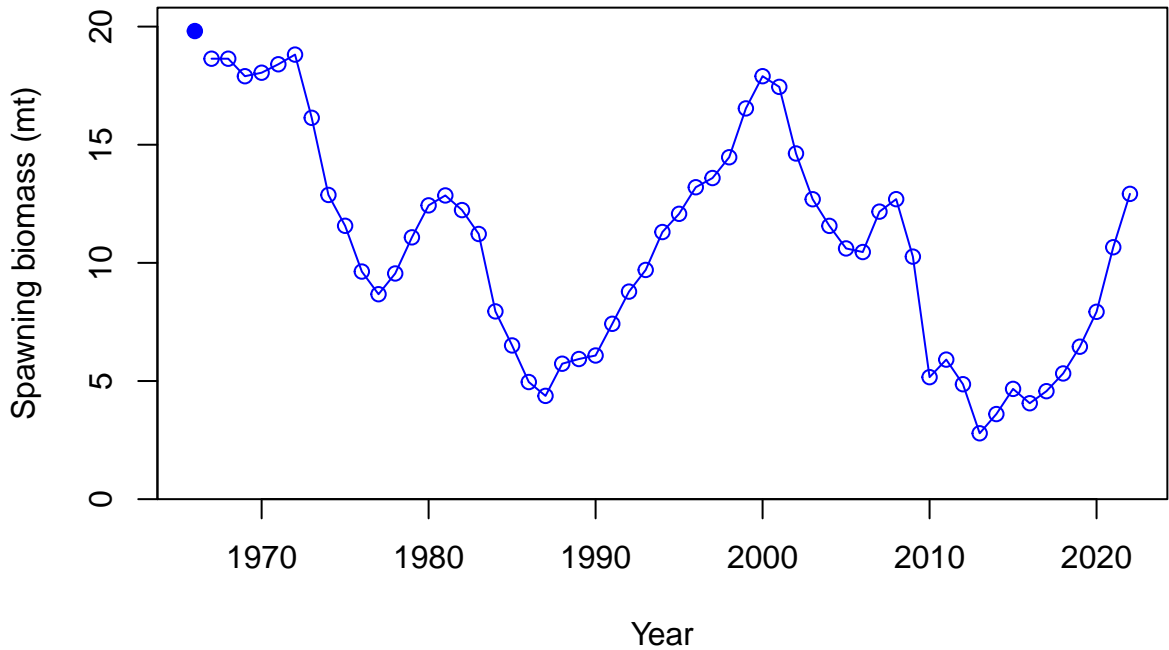


Age (yr)

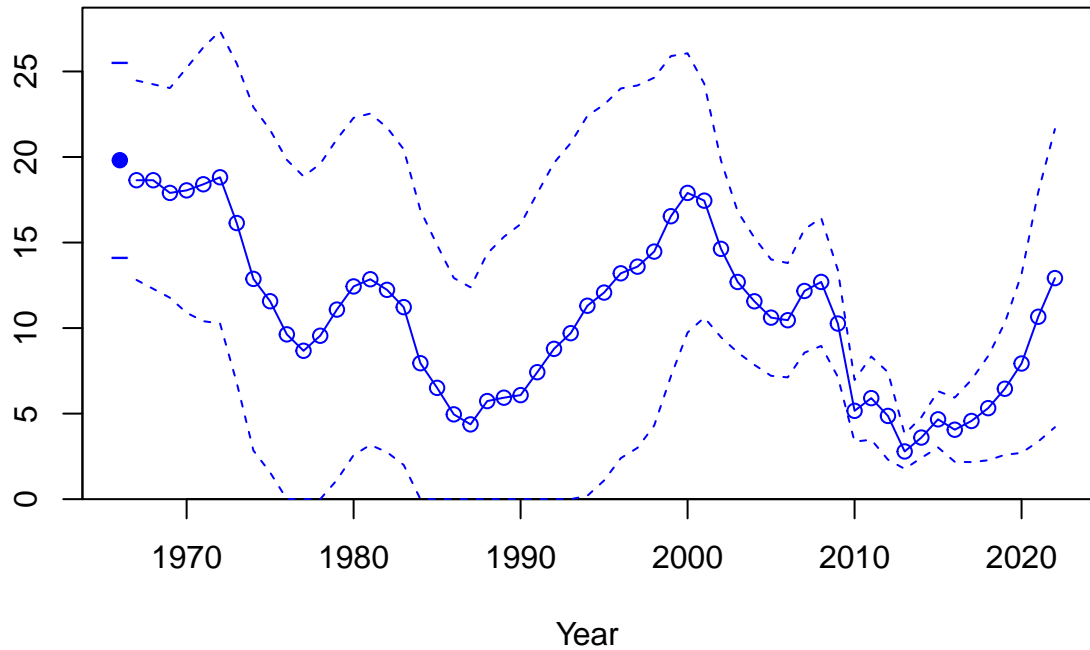
Selectivity



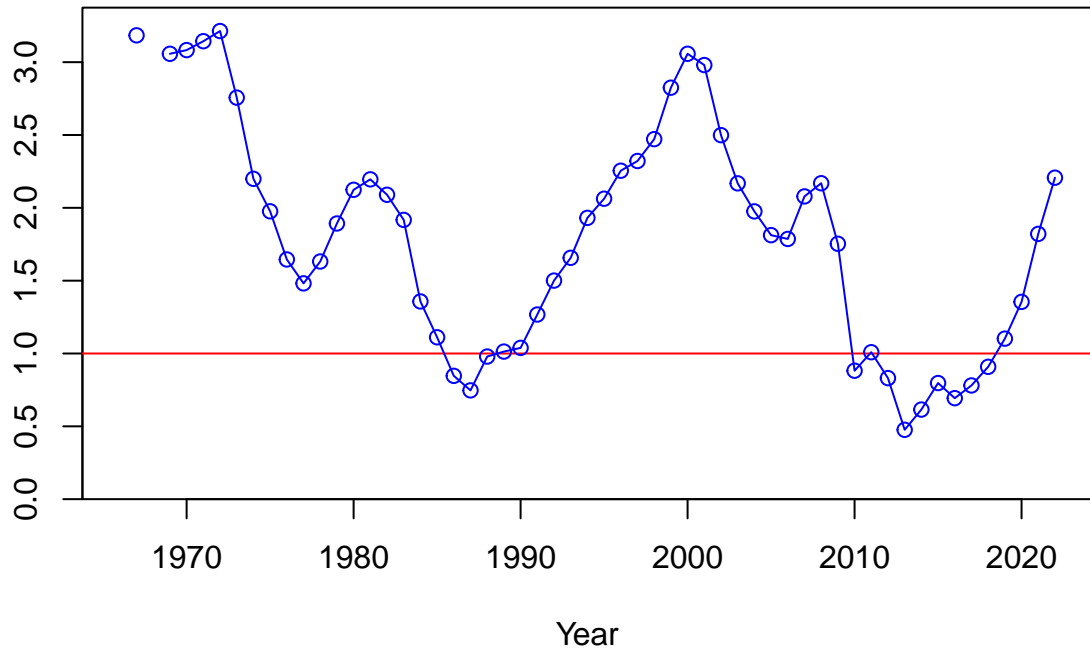




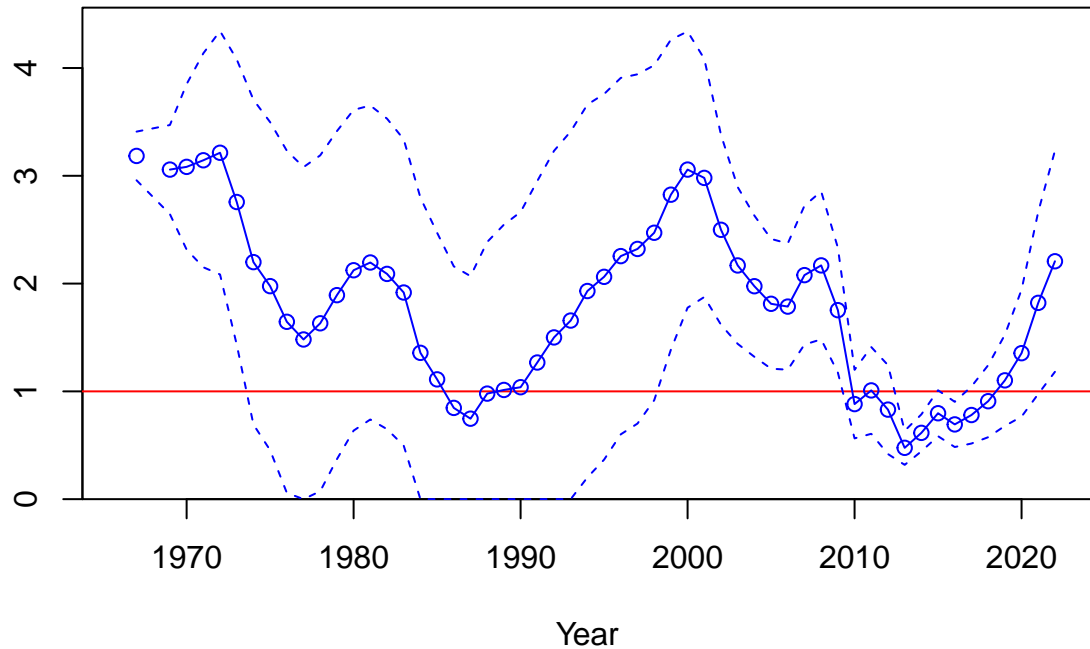
Spawning biomass (mt)

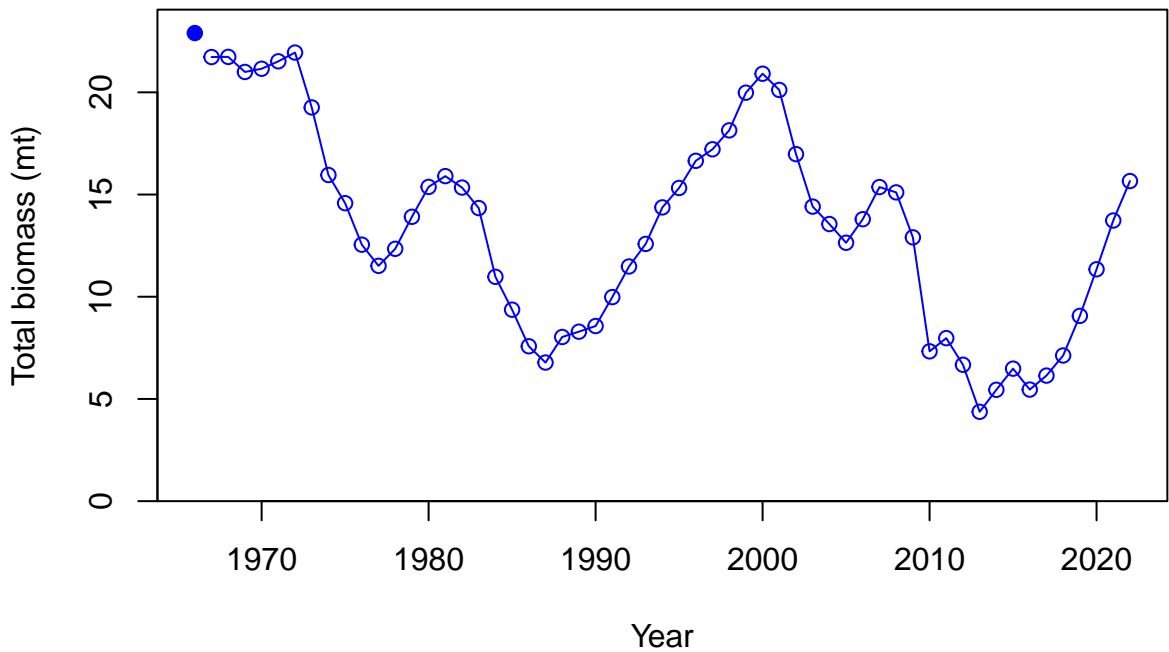


Relative spawning biomass: B/B_{MSY}

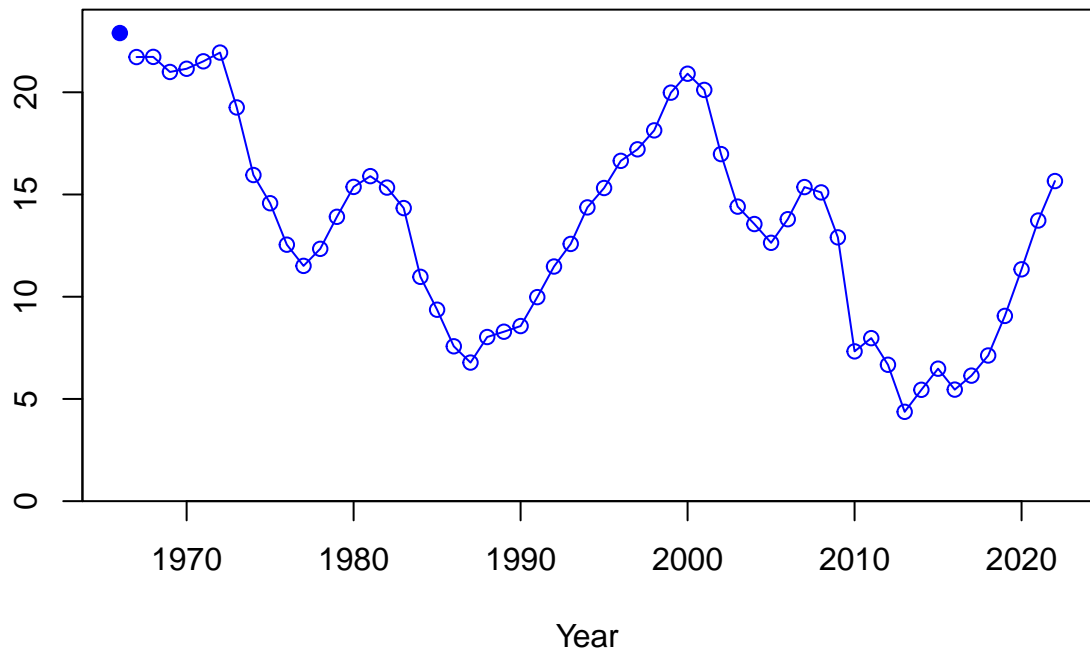


Relative spawning biomass: B/B_{MSY}

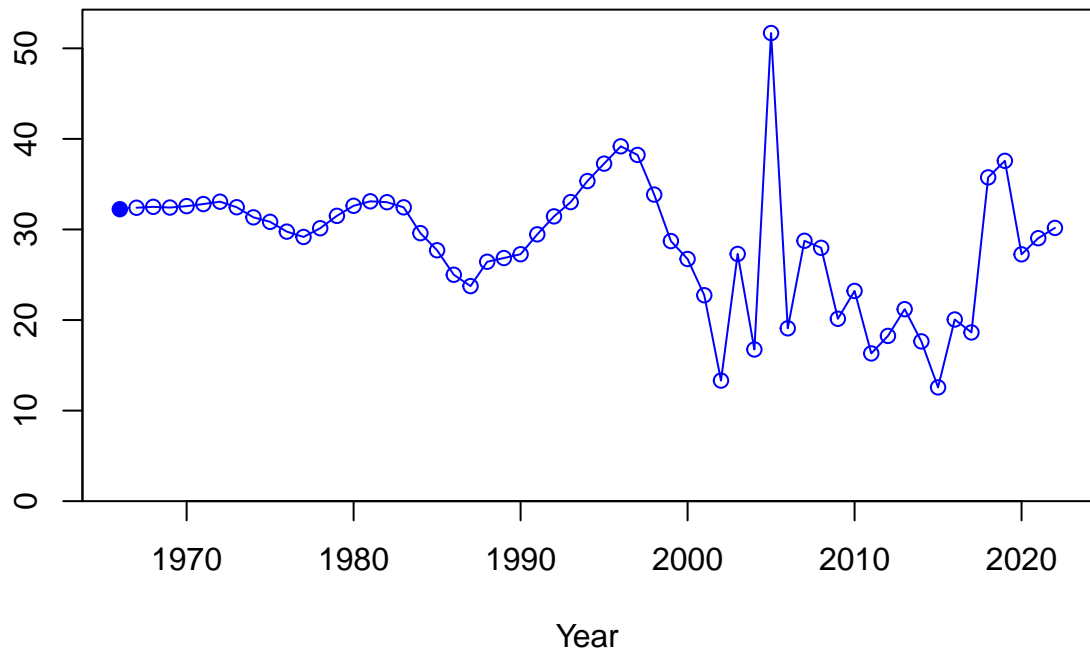


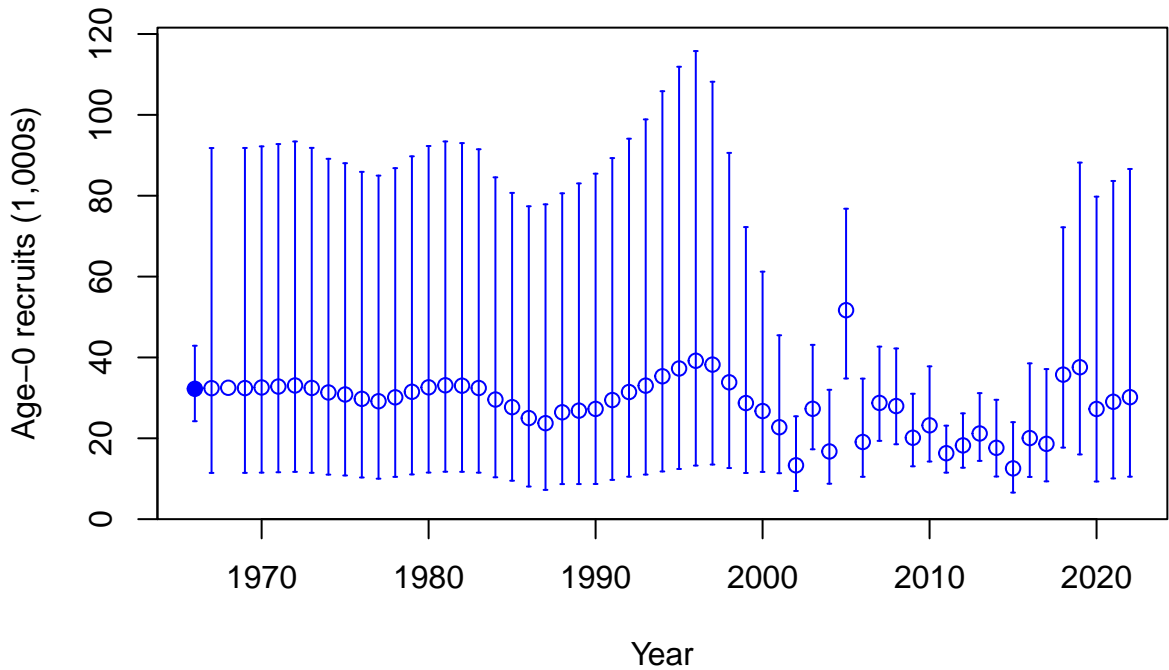


Summary biomass (mt)

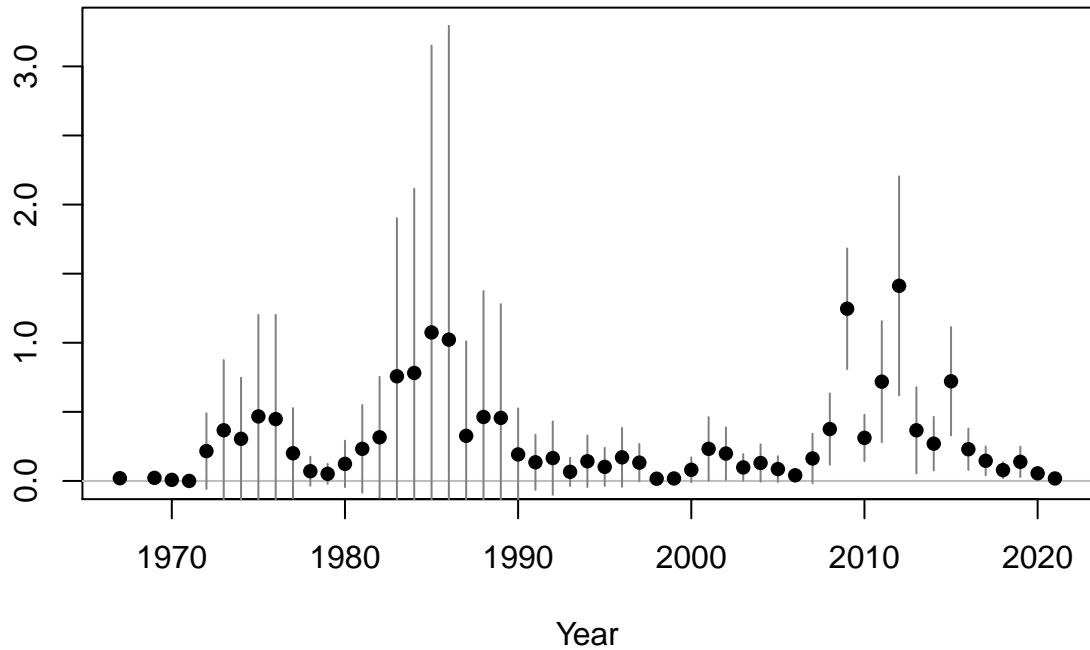


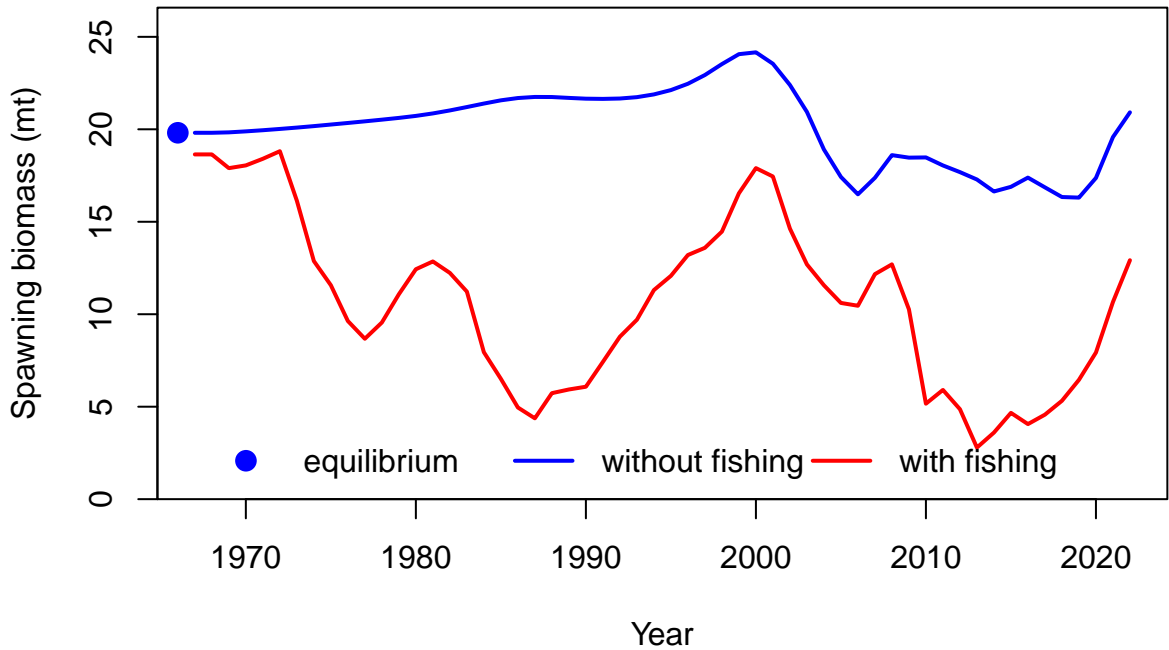
Age-0 recruits (1,000s)





Summary Fishing Mortality





Log recruitment deviation

0.5
0.0
-0.5

1970

1980

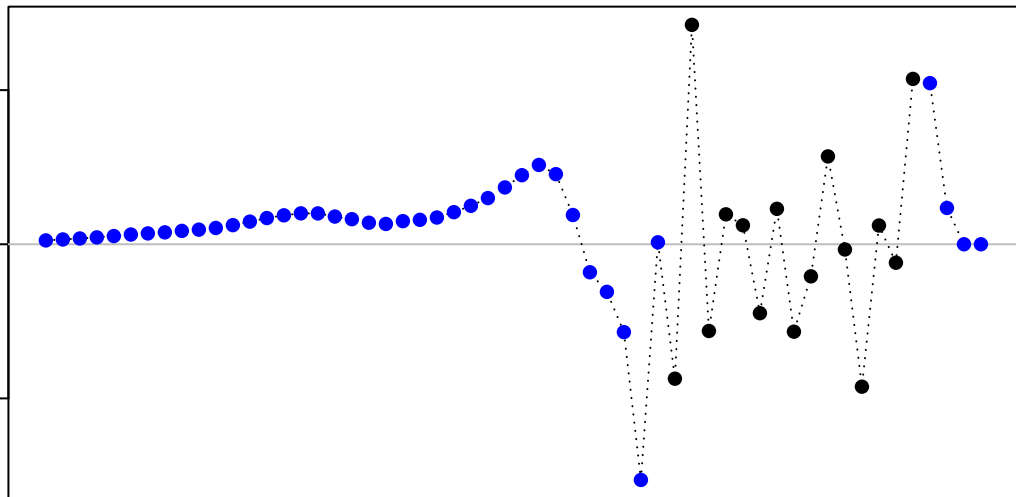
1990

2000

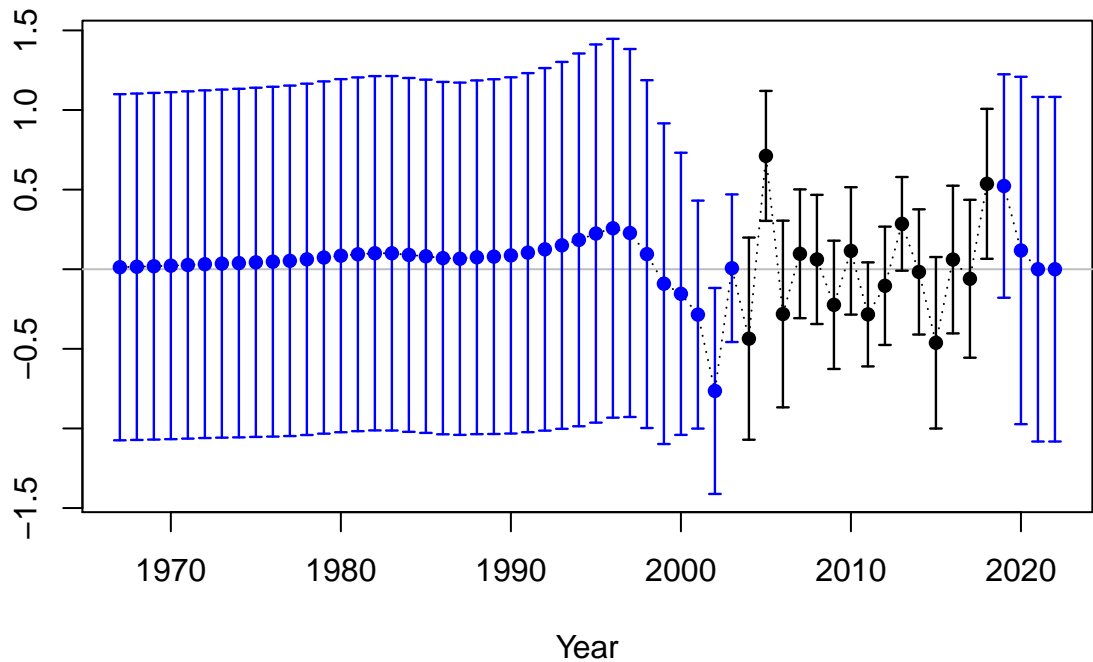
2010

2020

Year

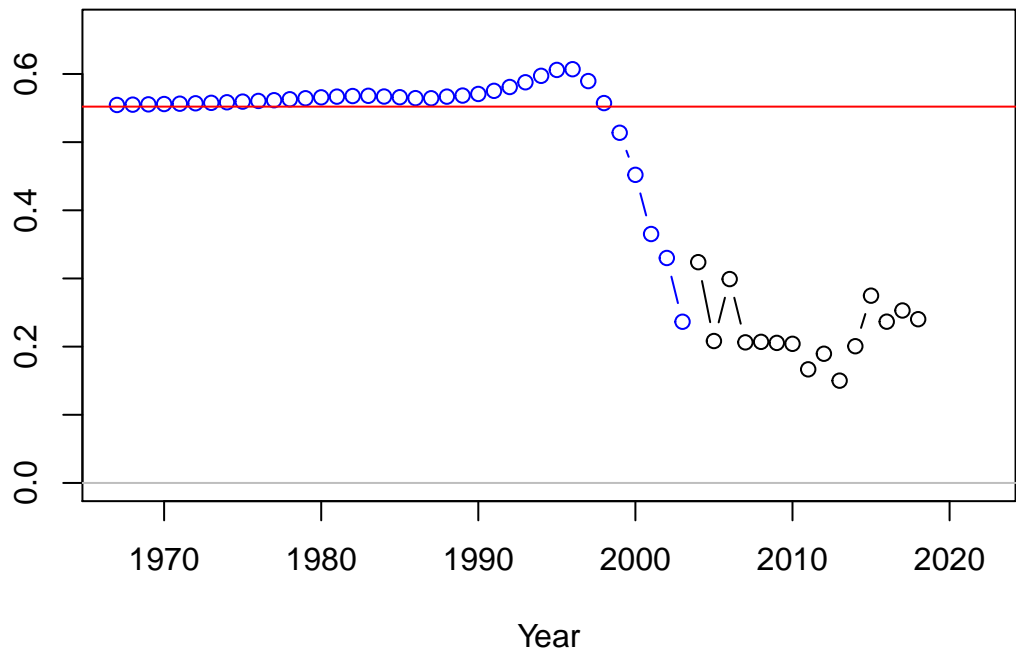


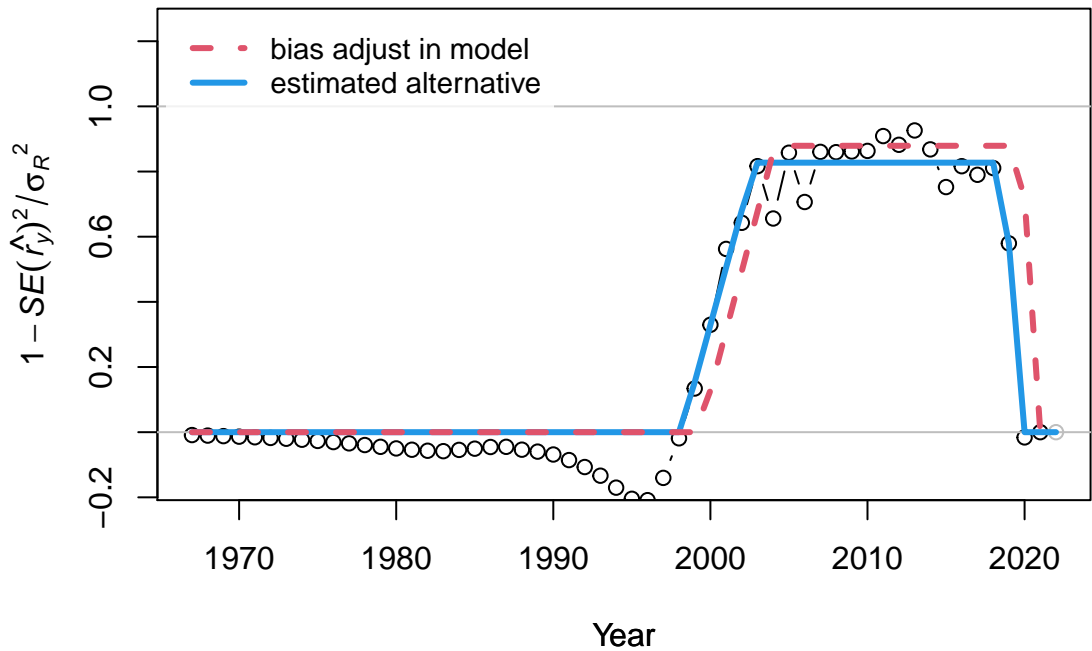
Log recruitment deviation

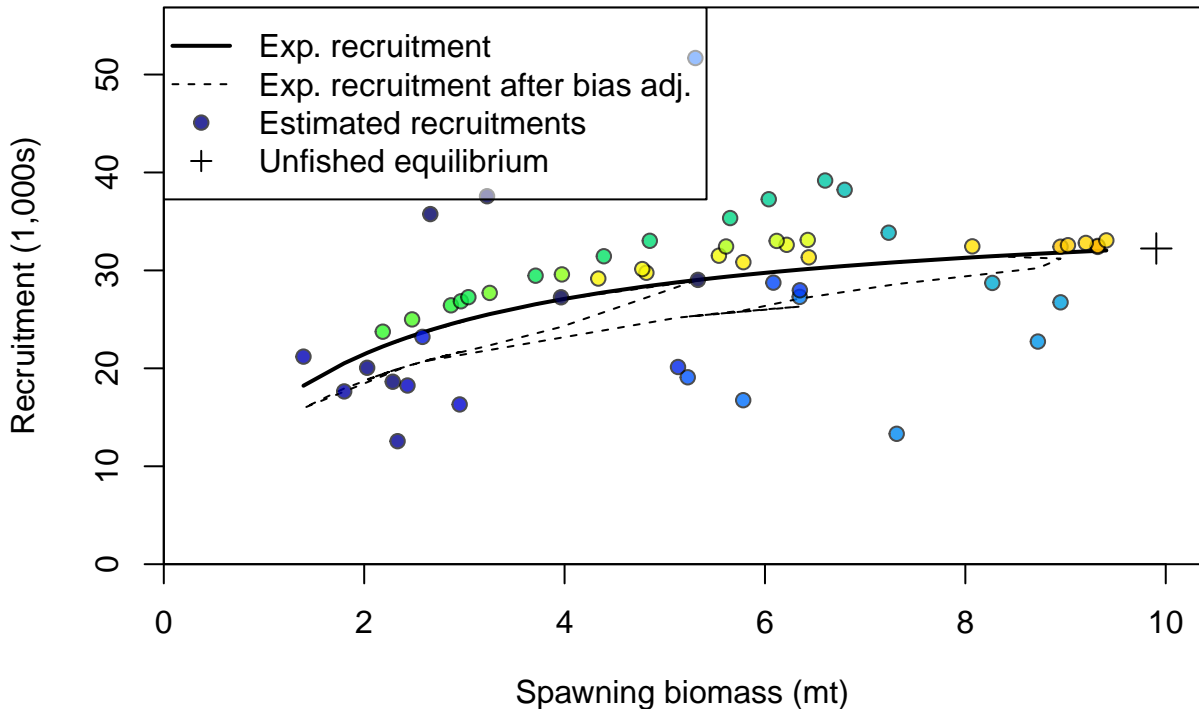


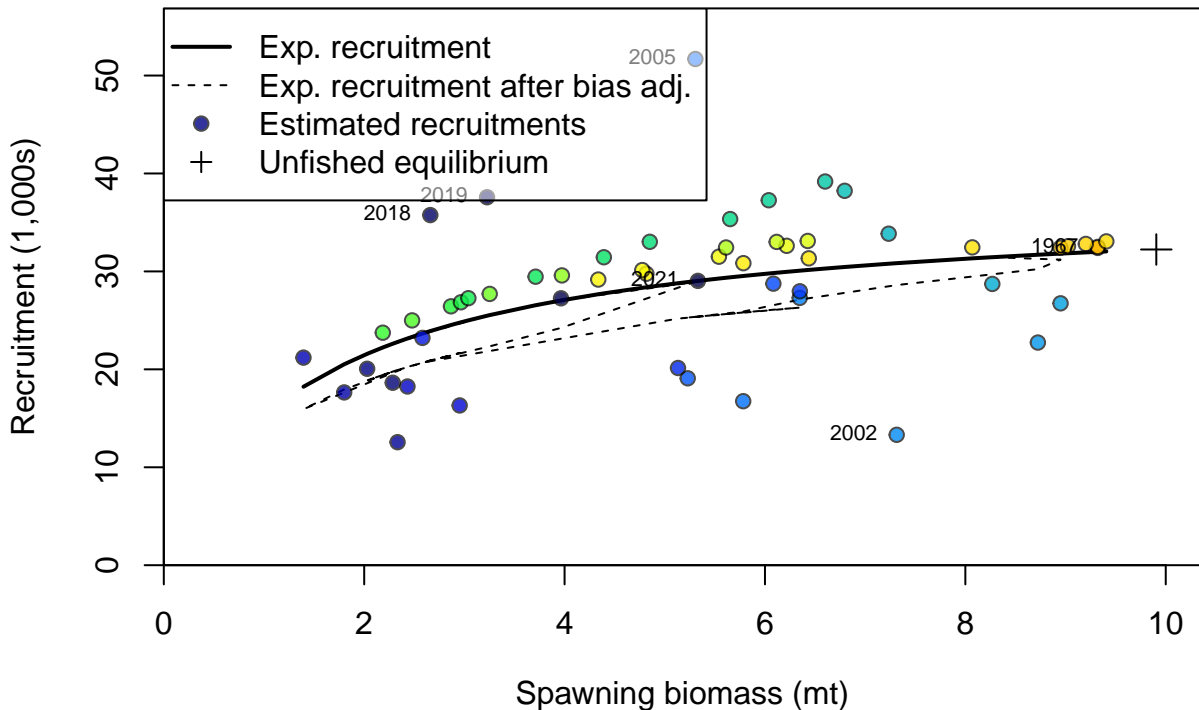
Recruitment deviation variance

Asymptotic standard error estimate

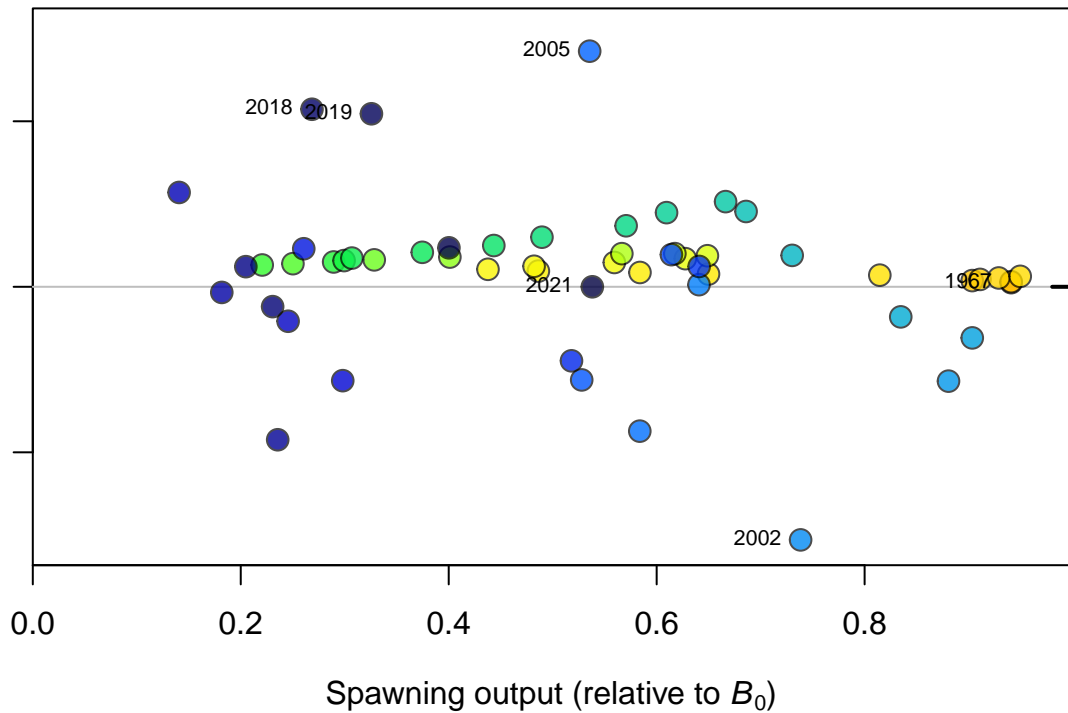


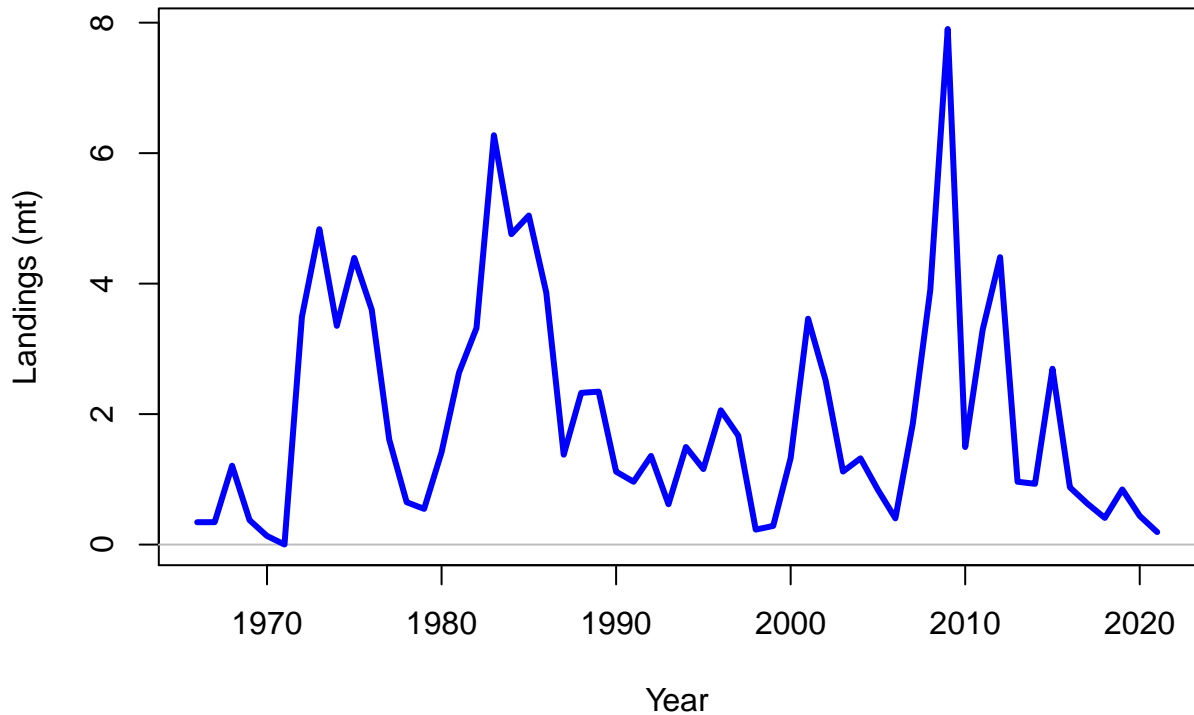


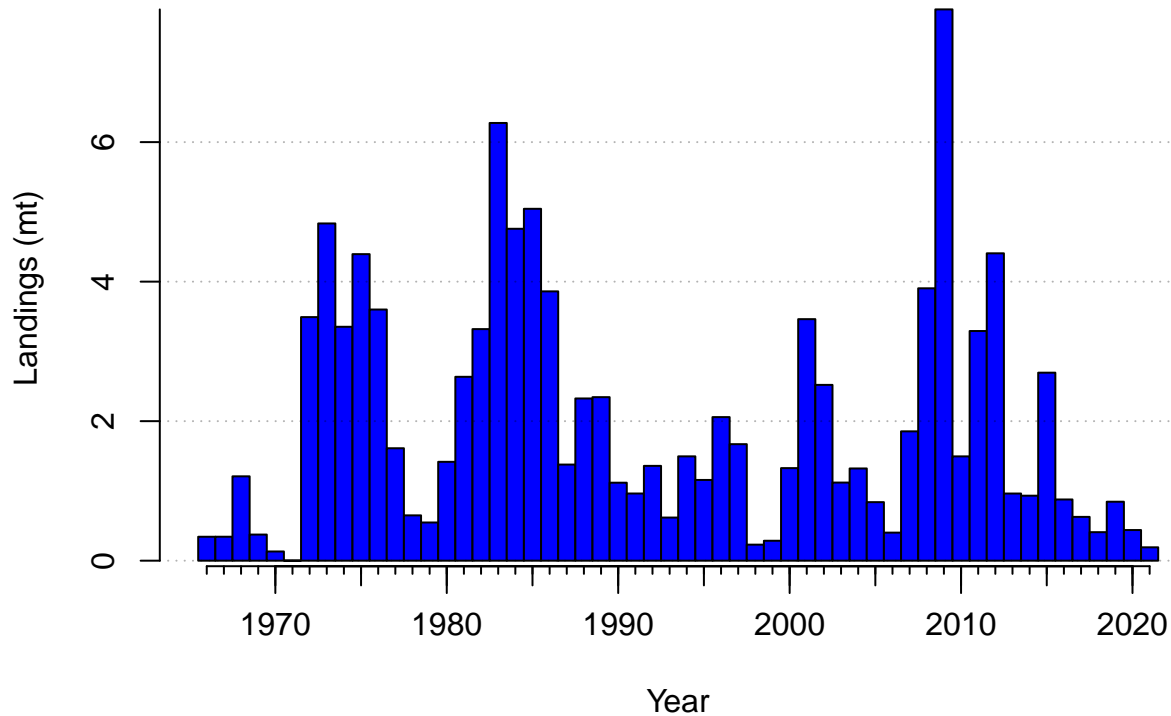




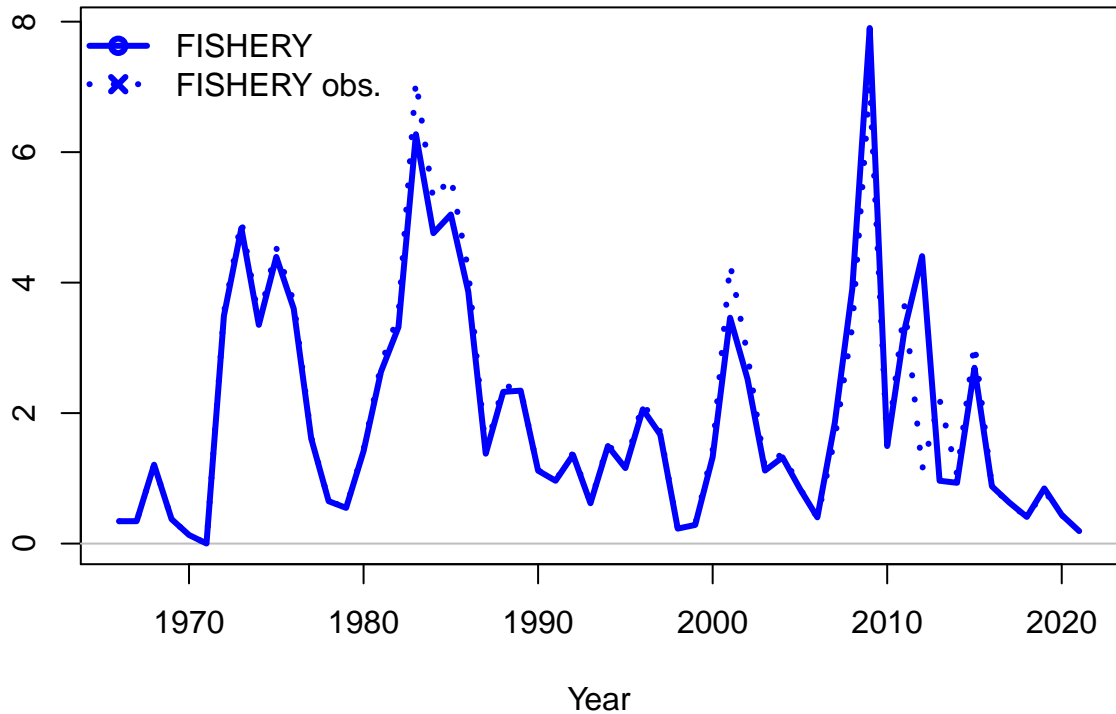
Log recruitment deviation

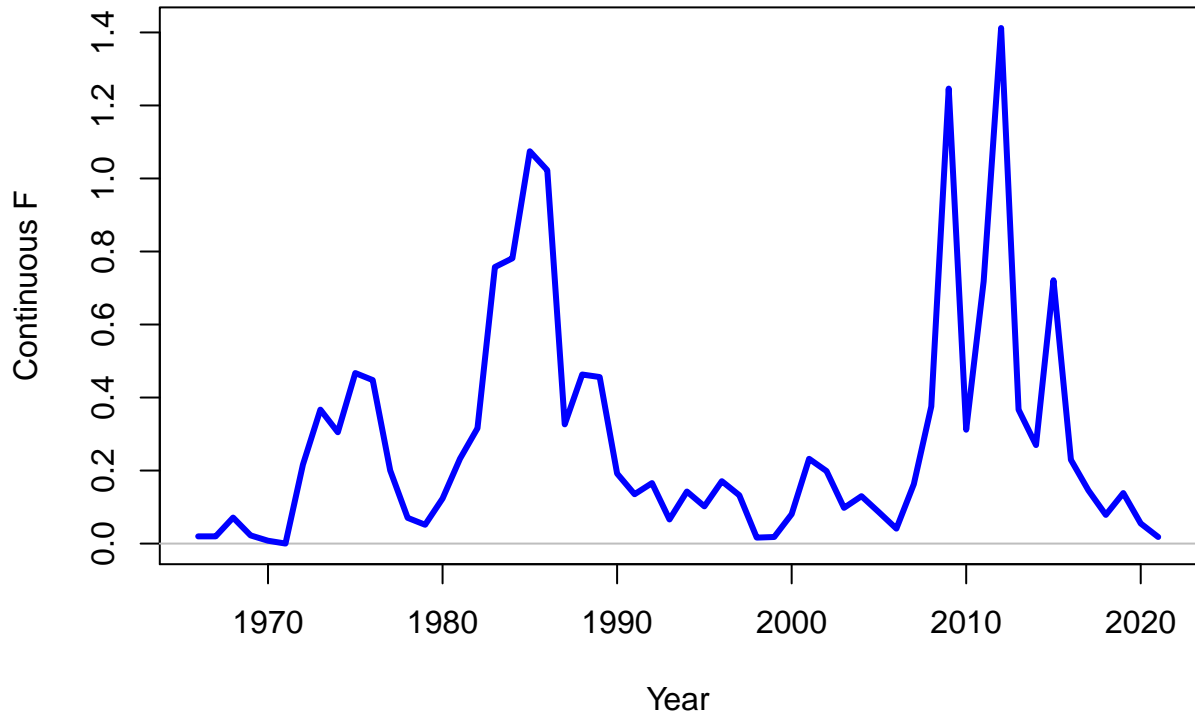




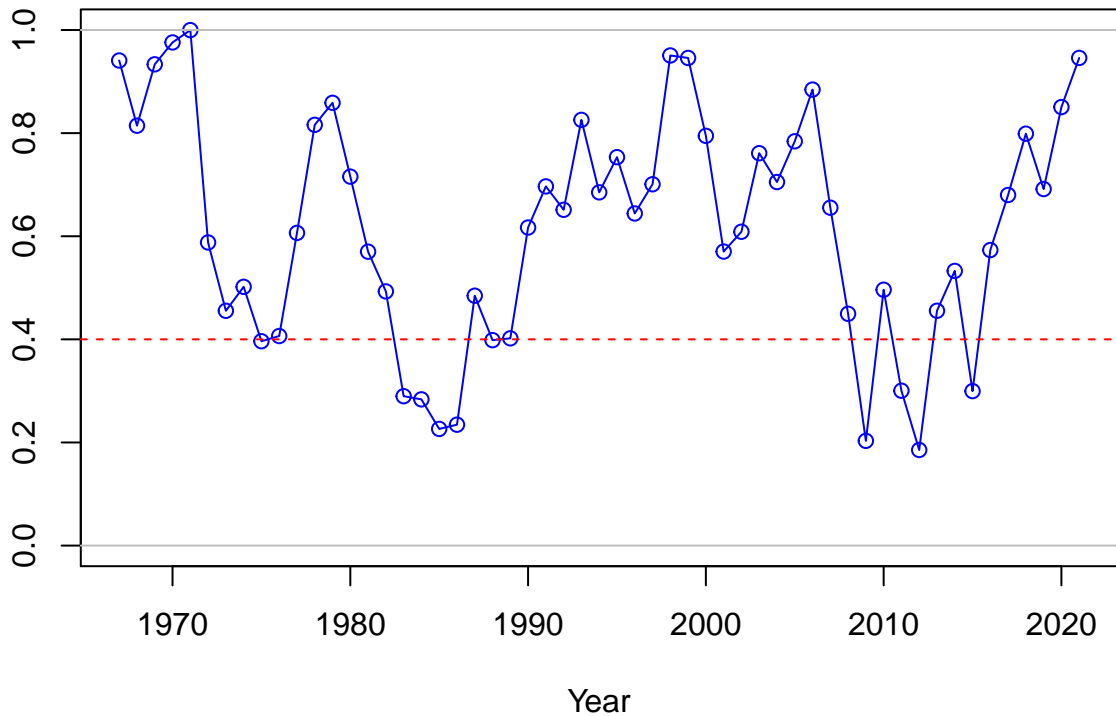


Observed and expected Landings (mt)

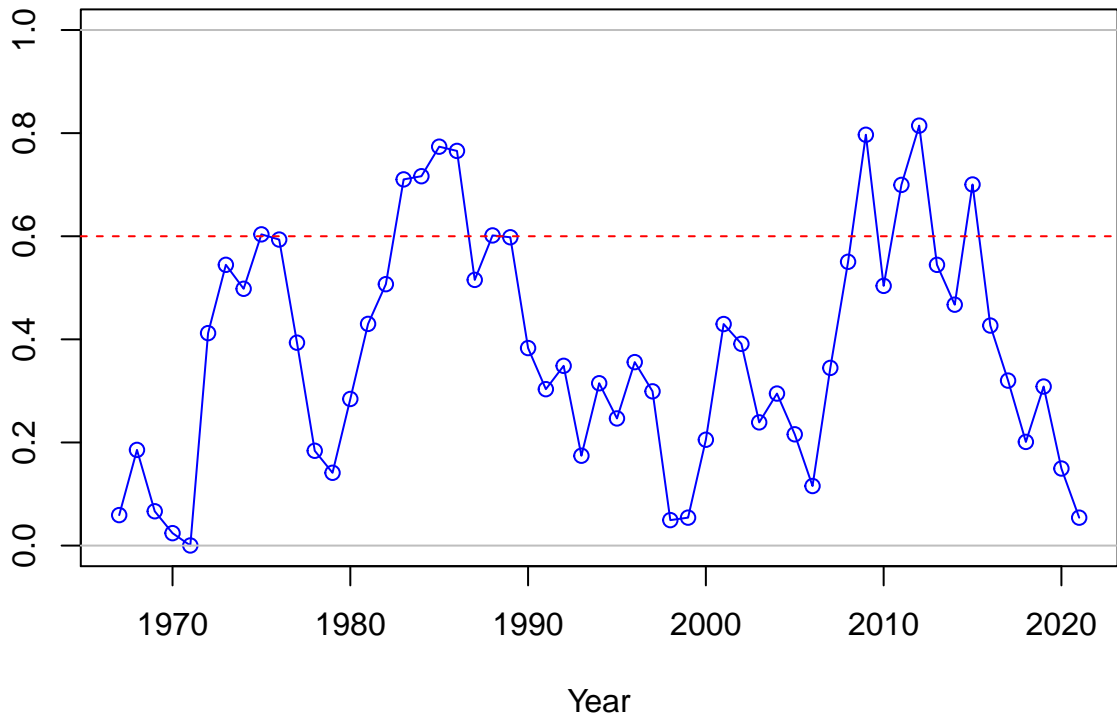




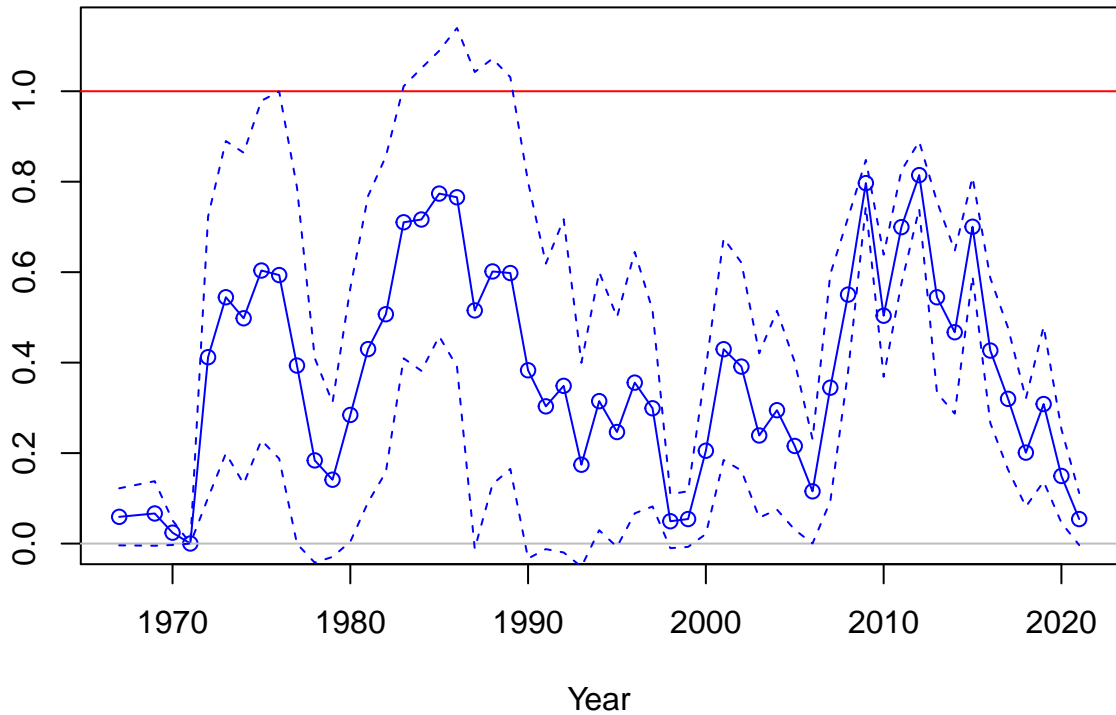
SPR



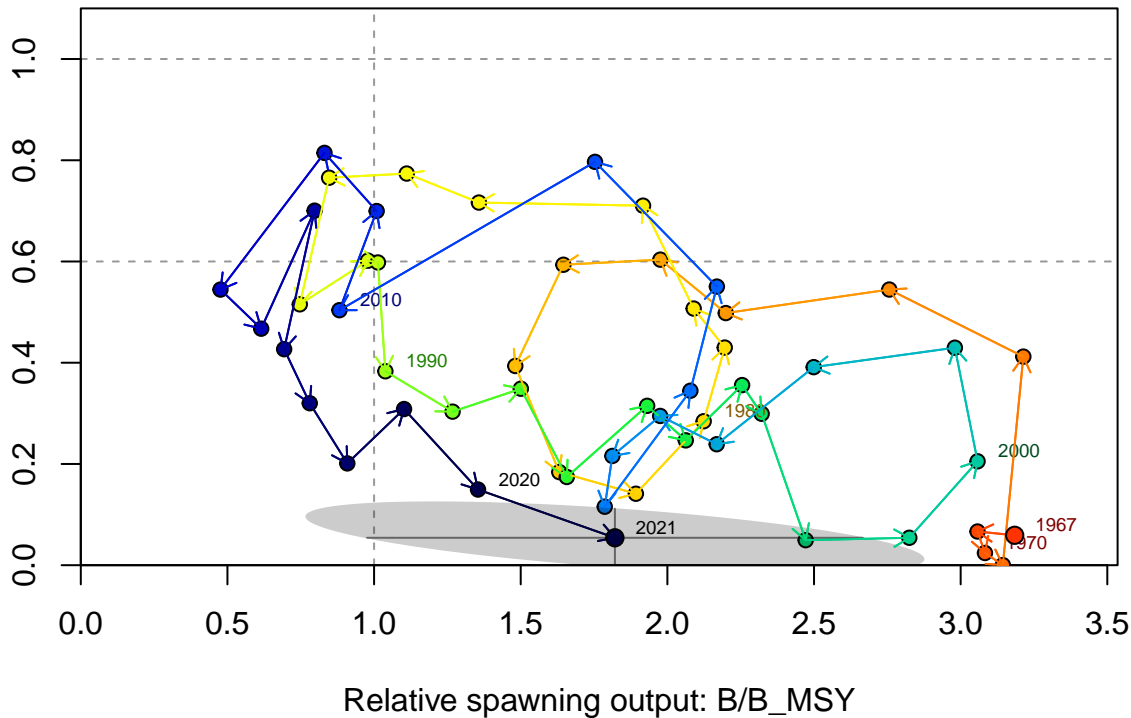
1-SPR



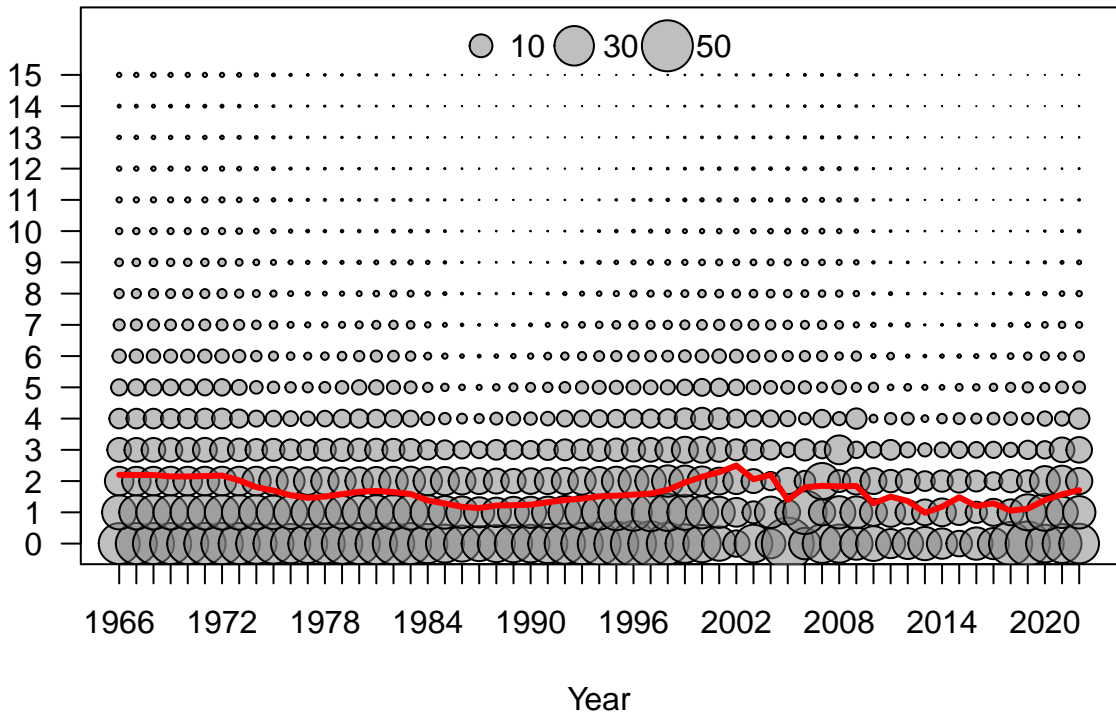
Fishing intensity: 1-SPR

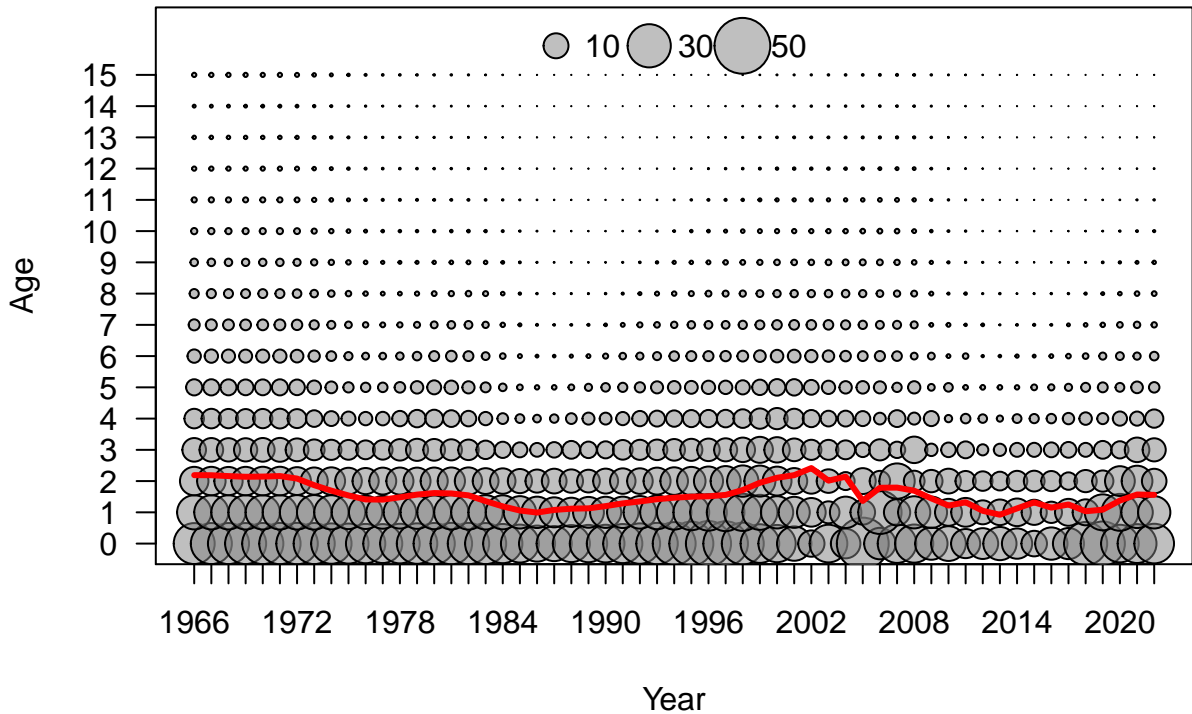


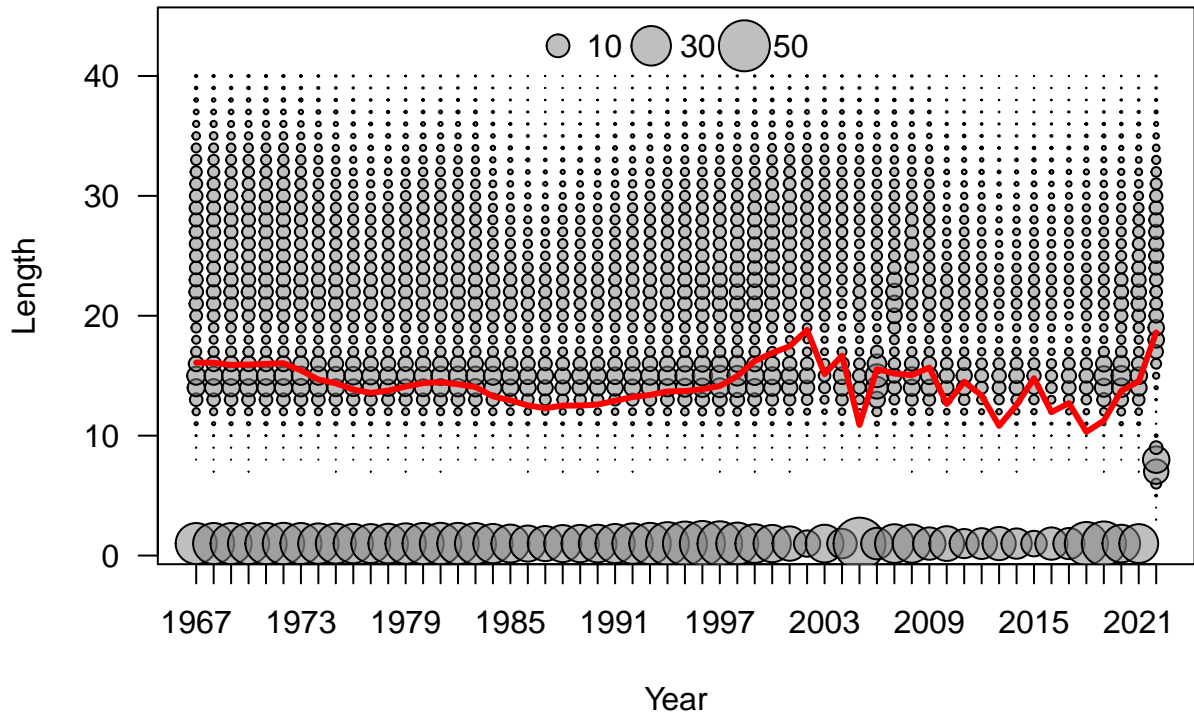
Fishing intensity: 1-SPR

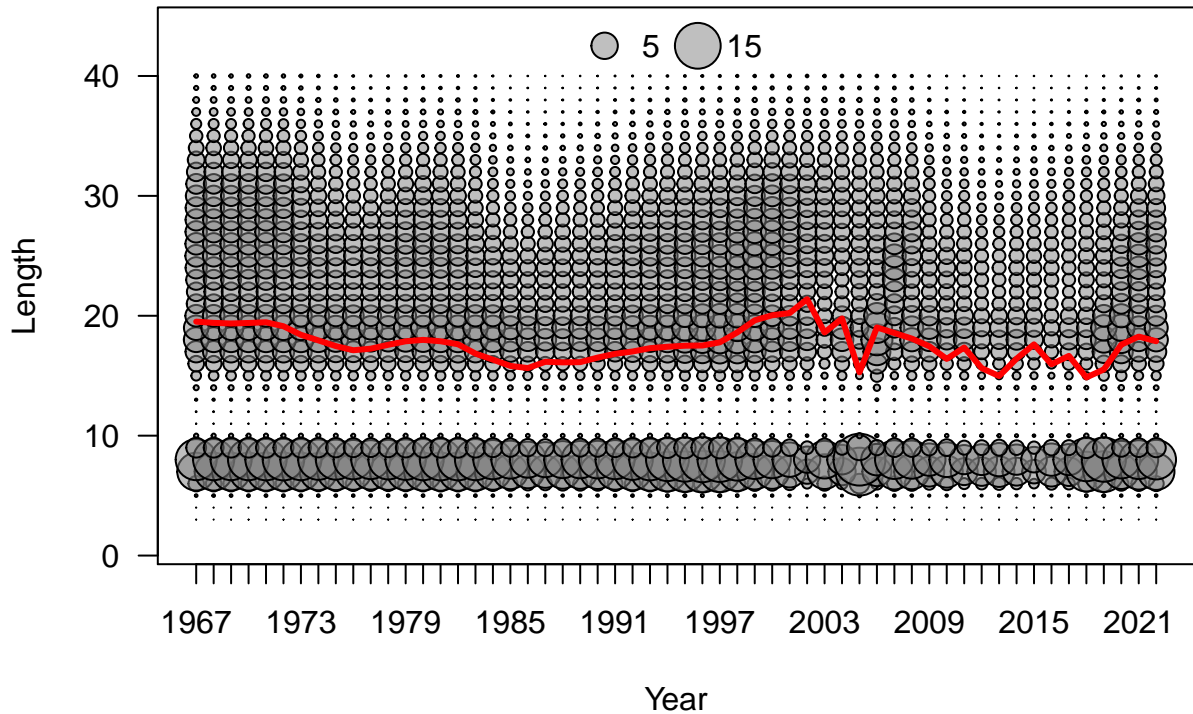


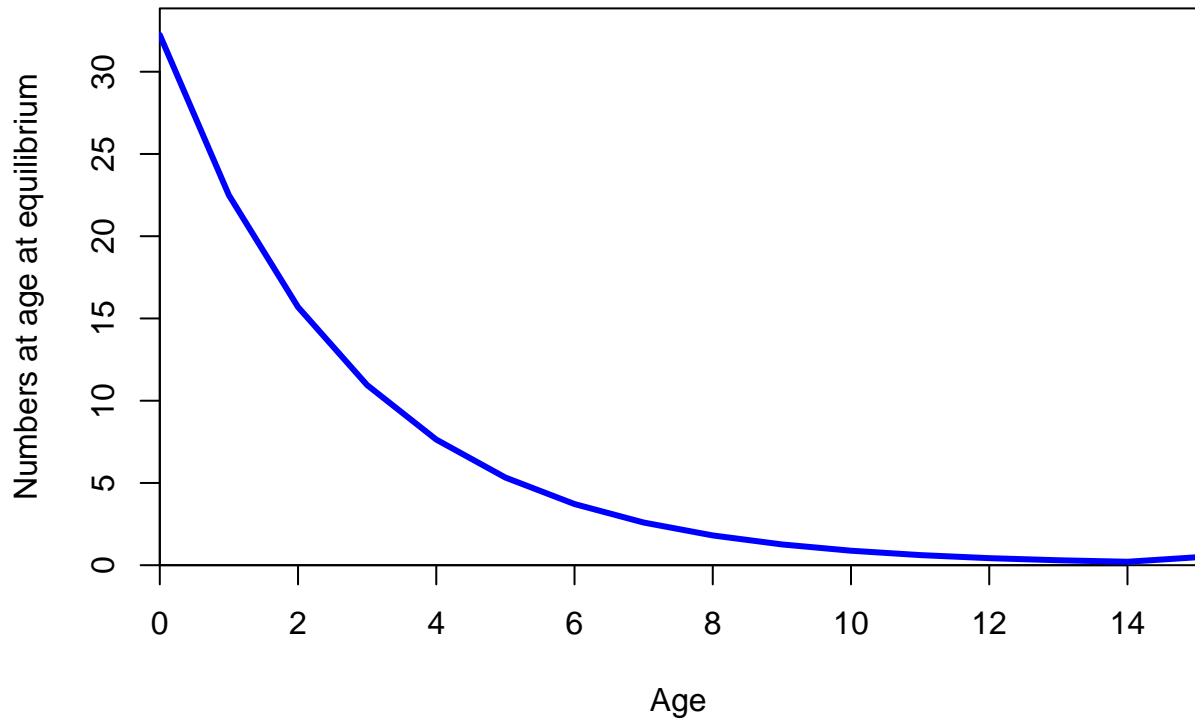
Age

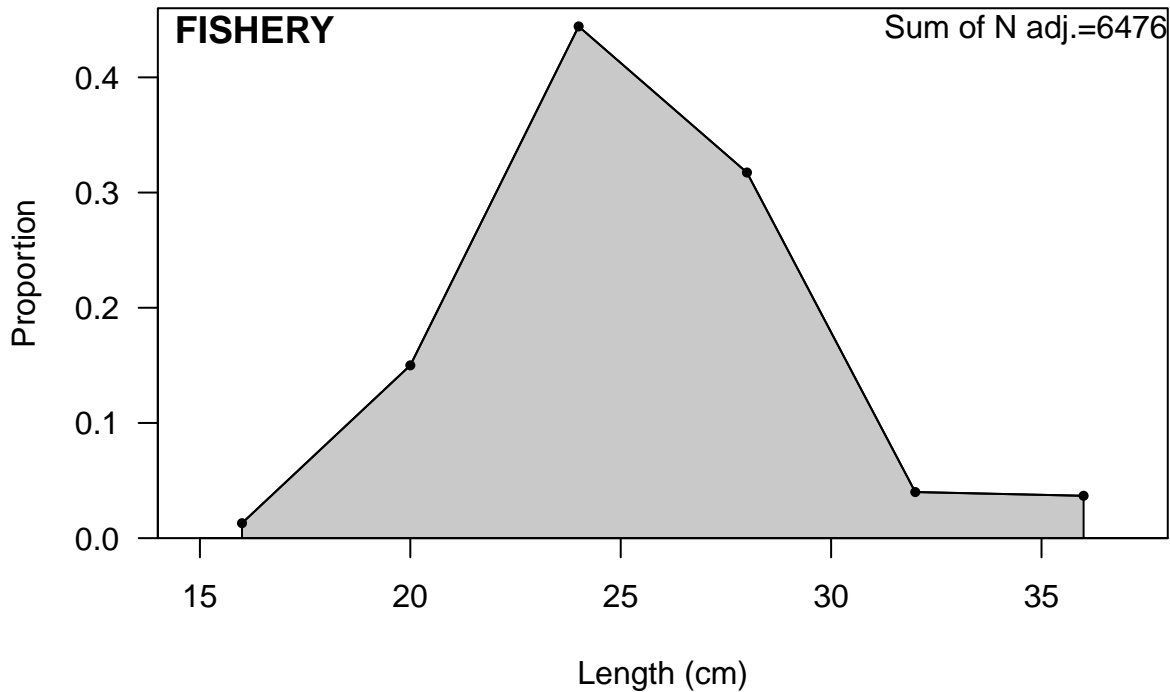


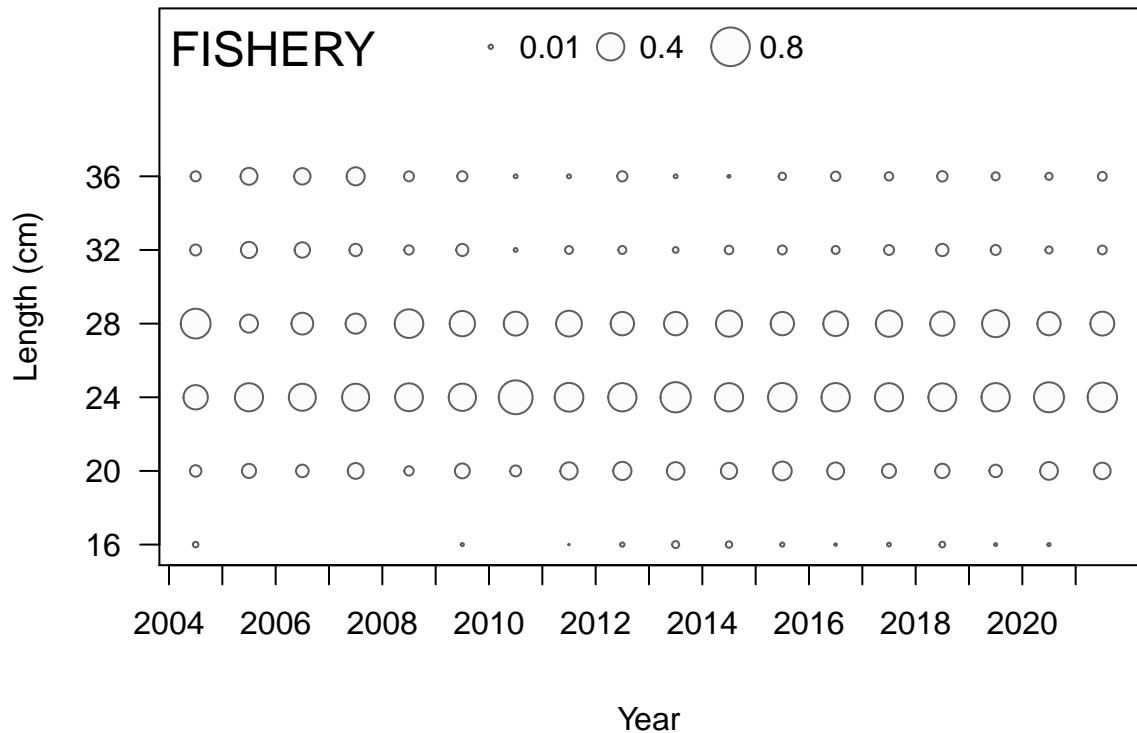




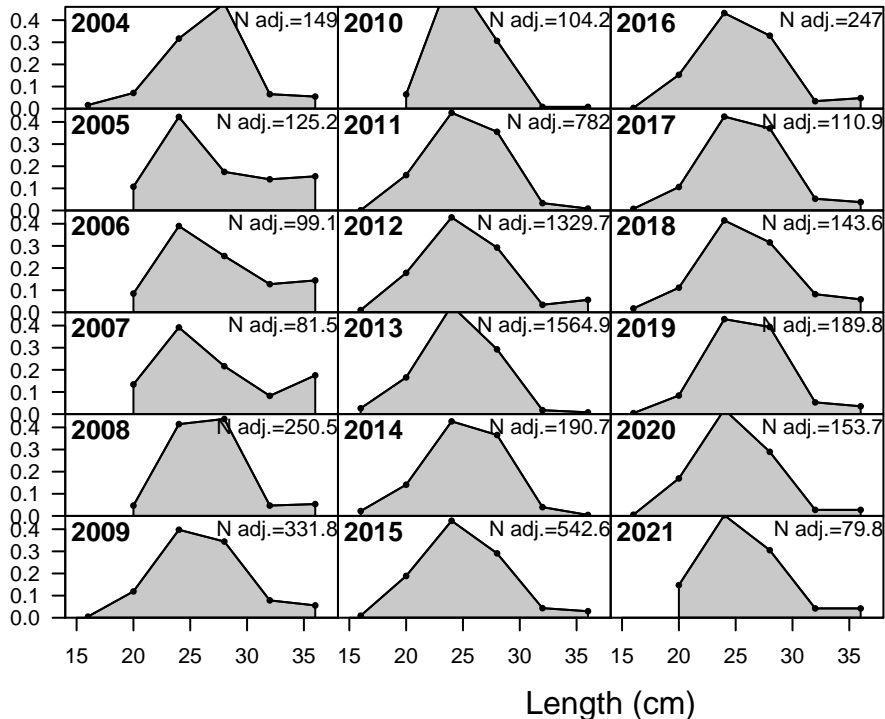


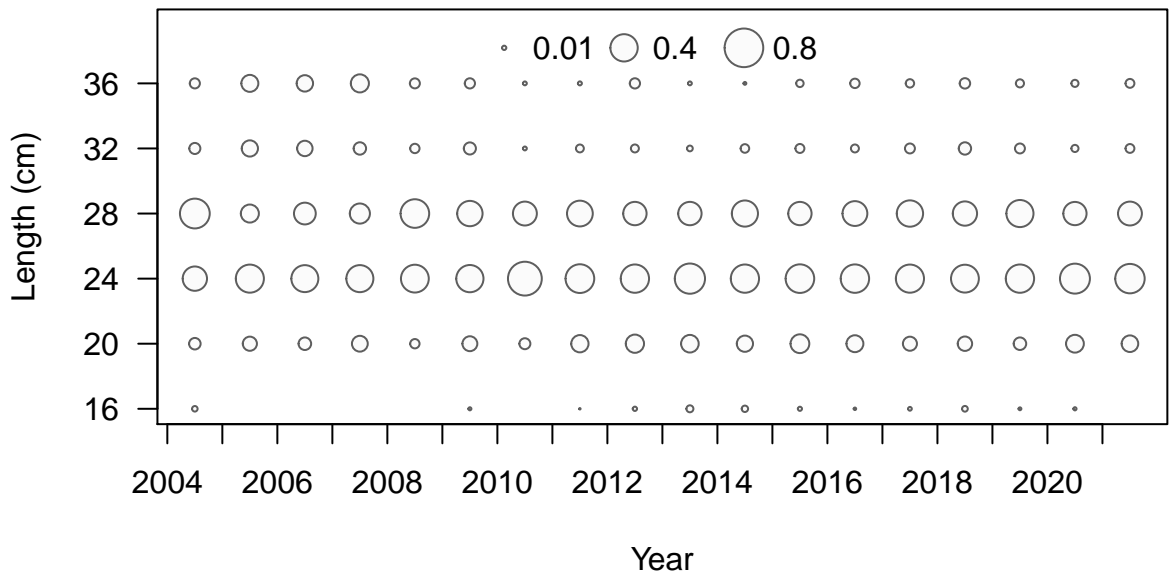




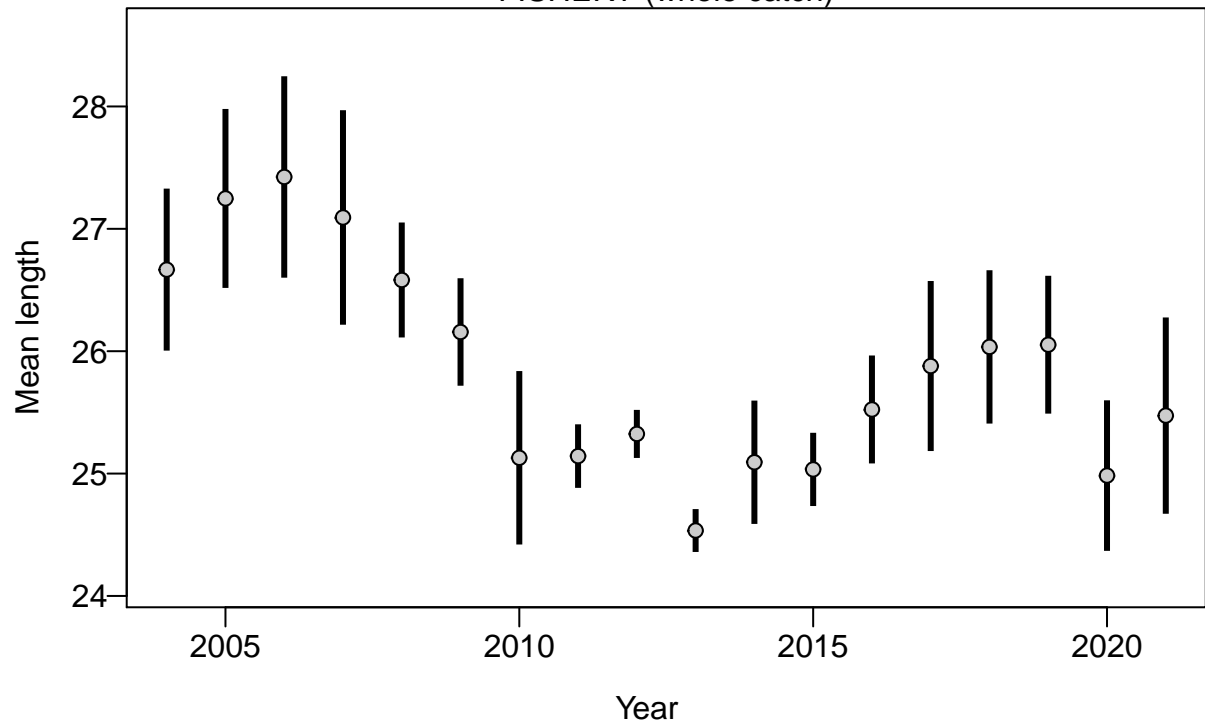


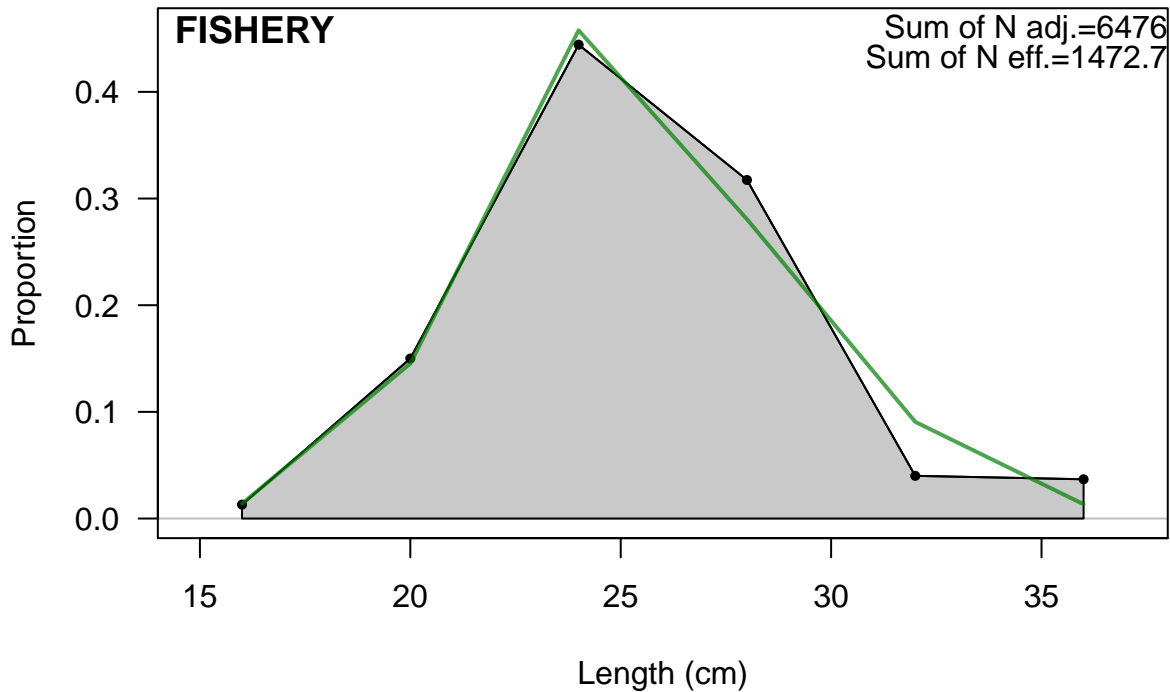
Proportion

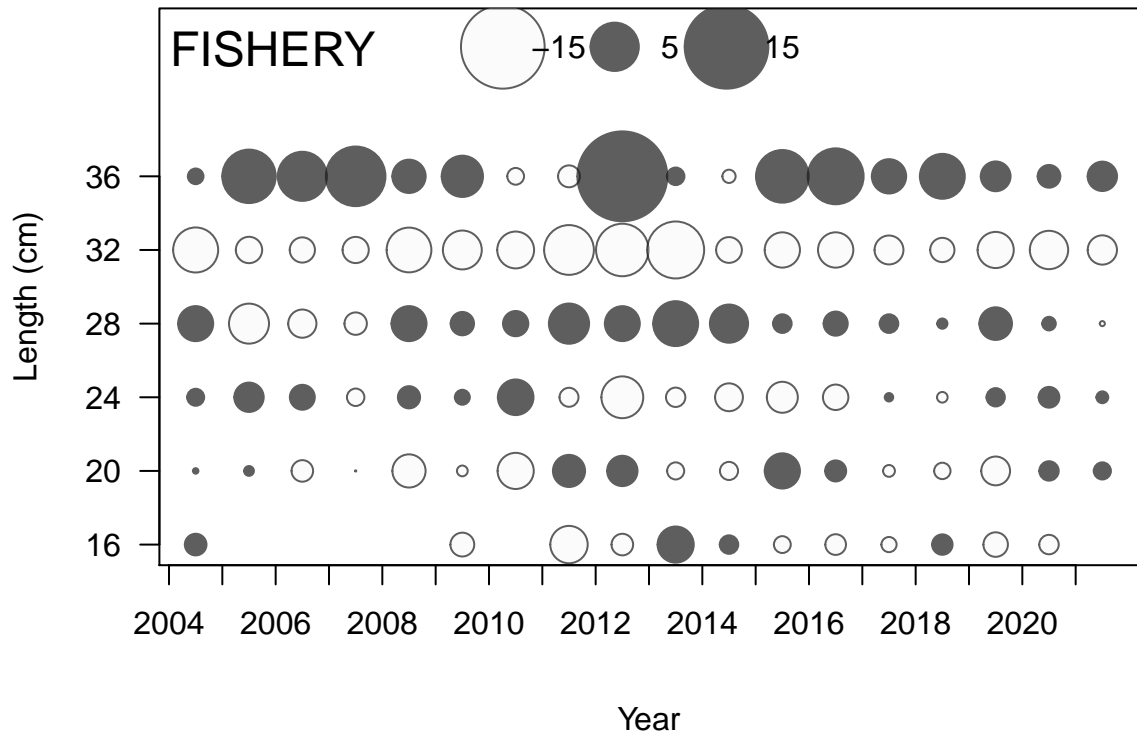




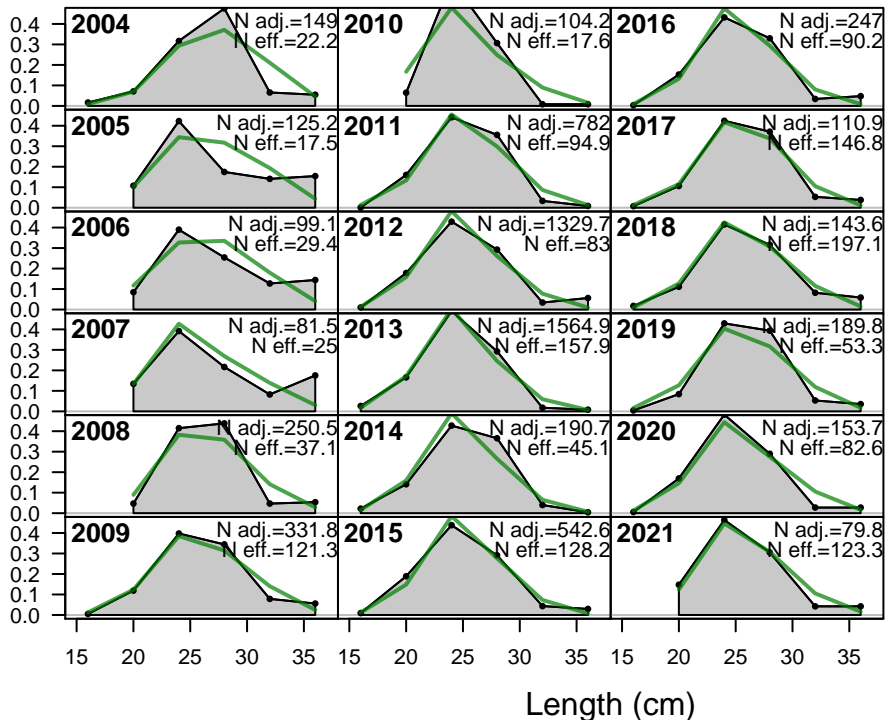
FISHERY (whole catch)

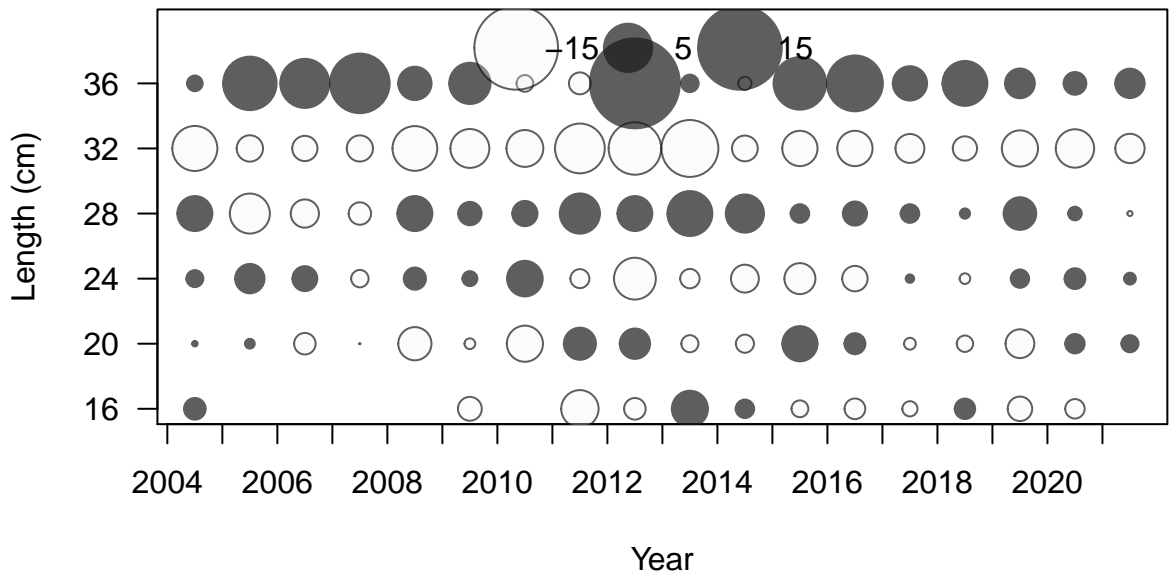




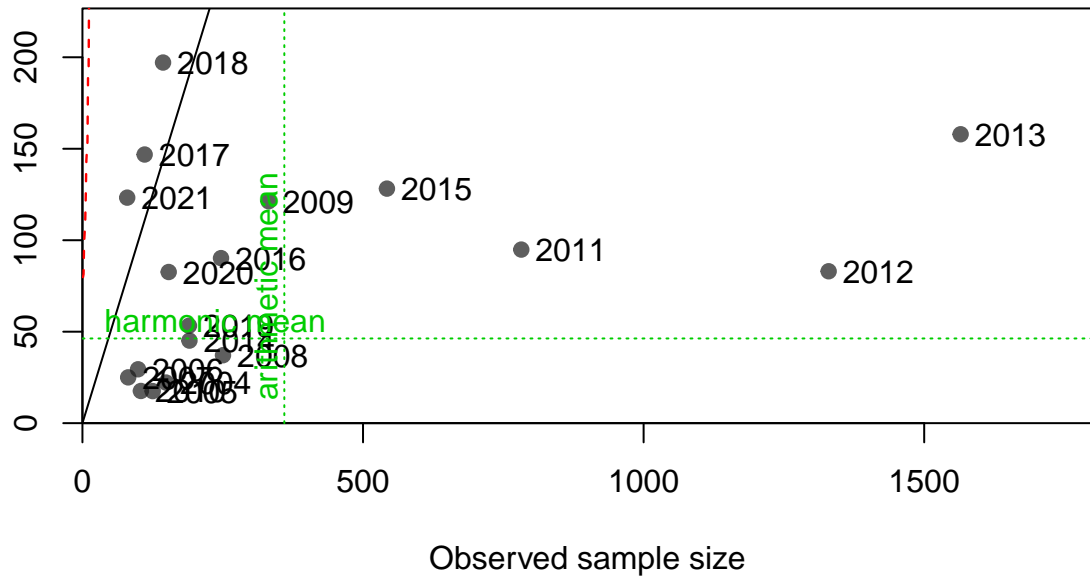


Proportion

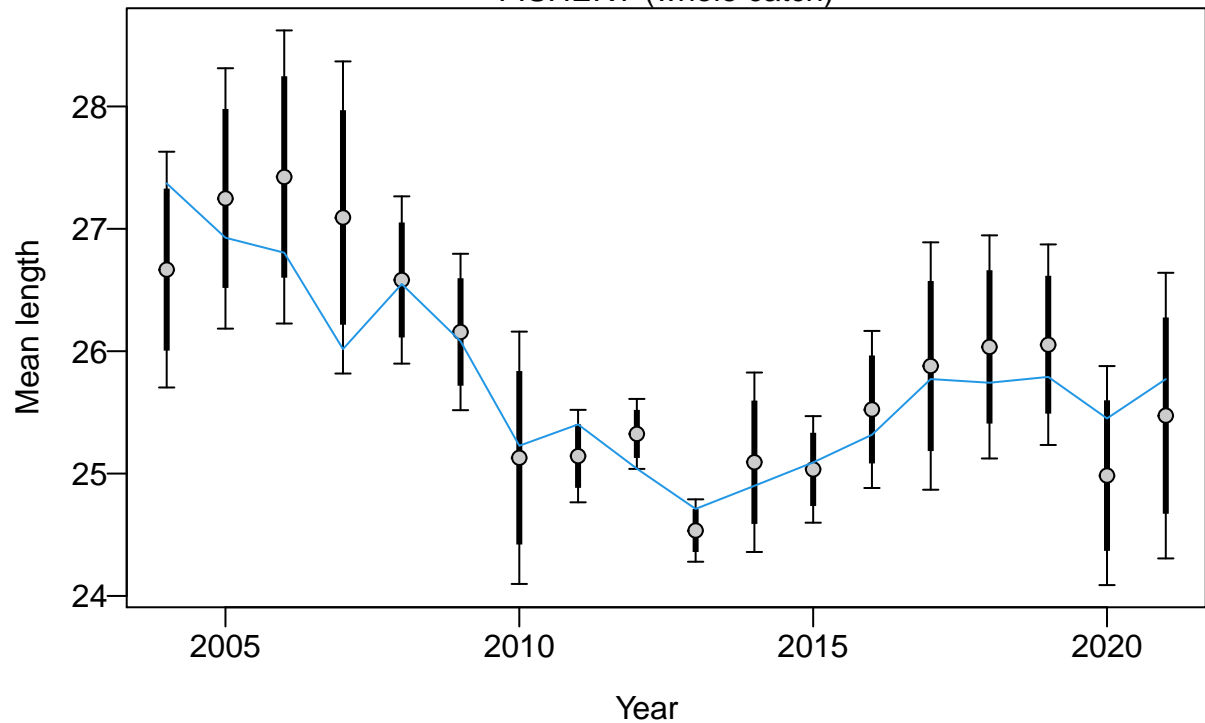


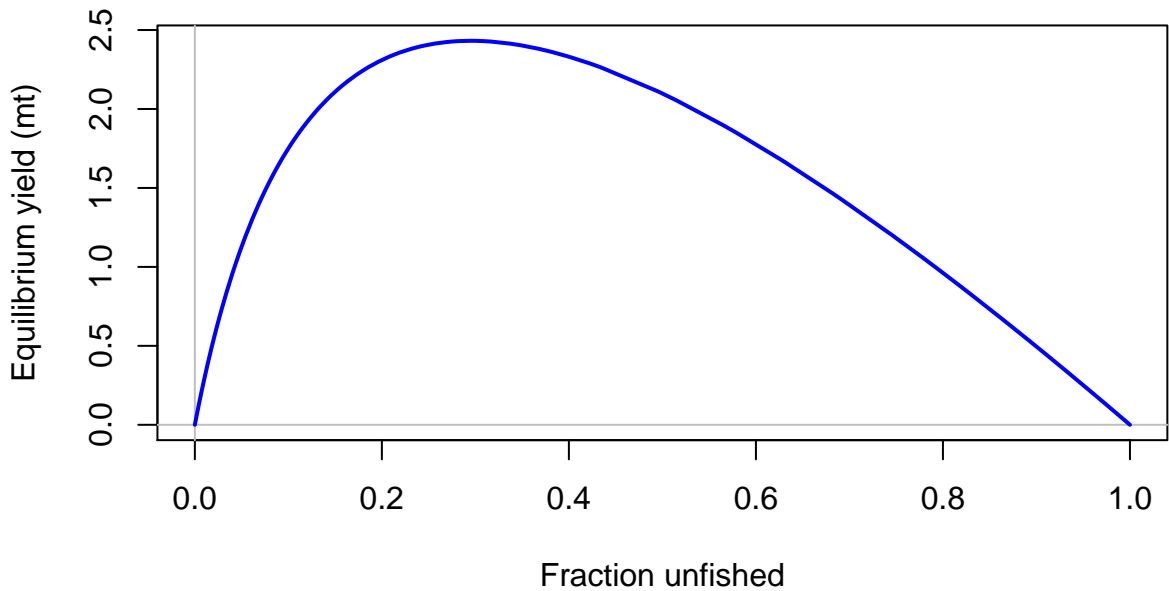


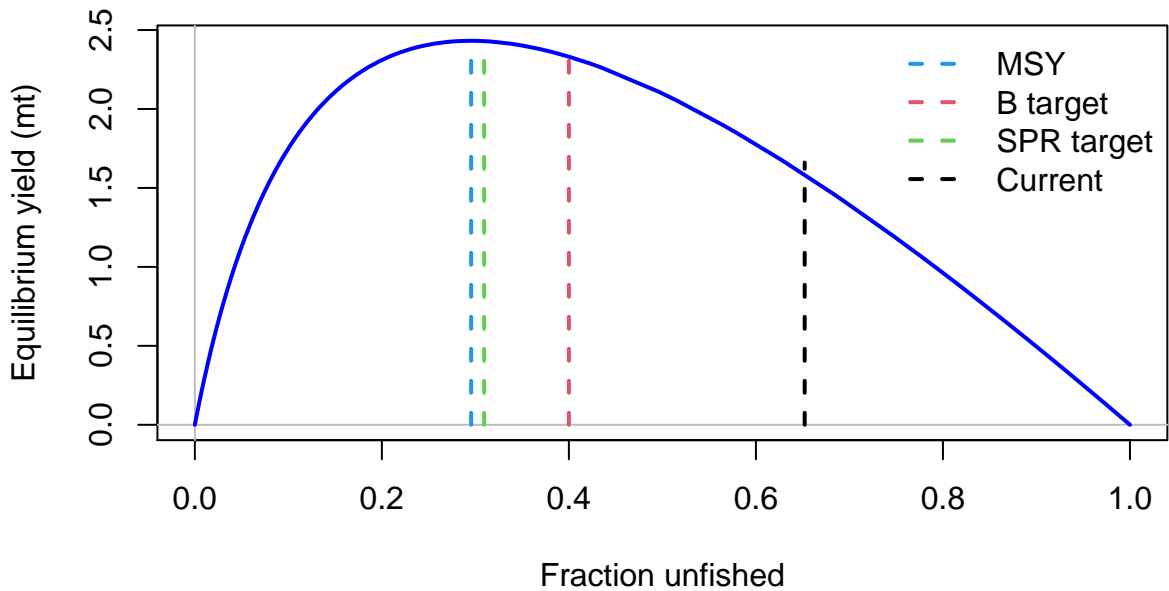
Effective sample size

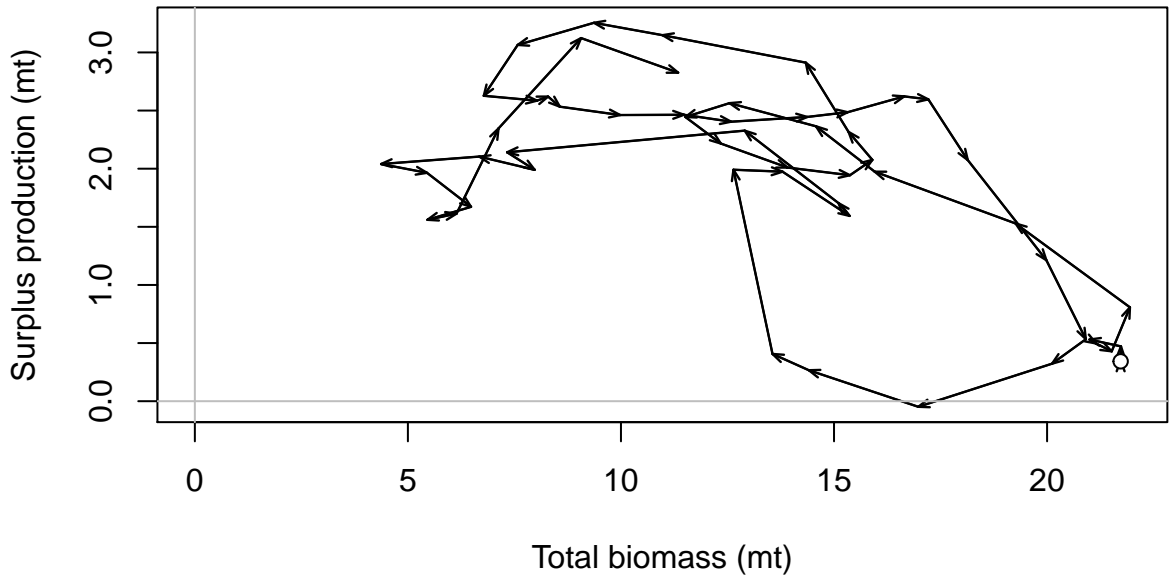


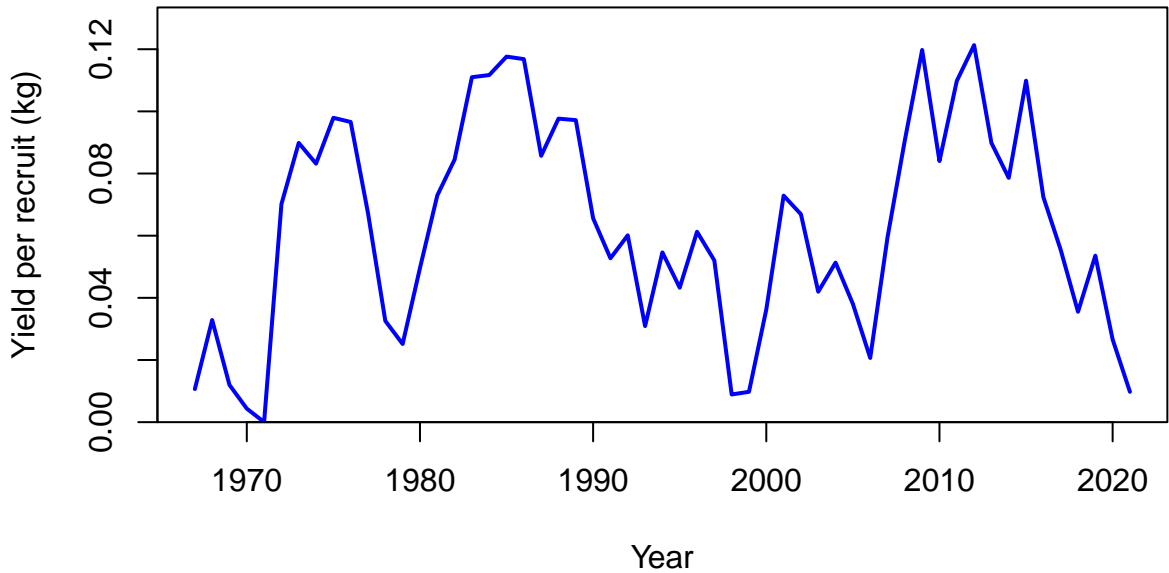
FISHERY (whole catch)

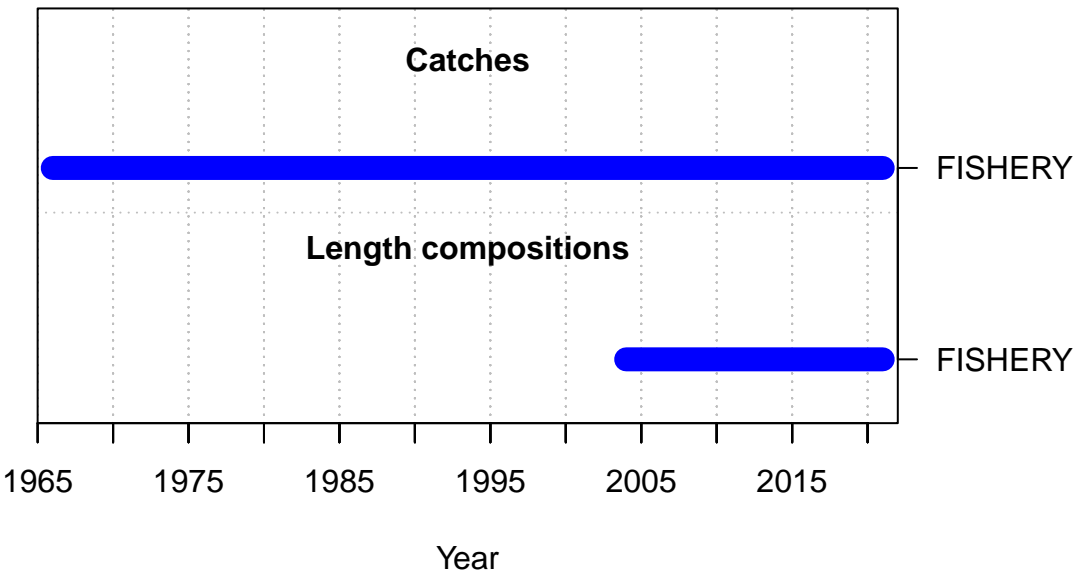


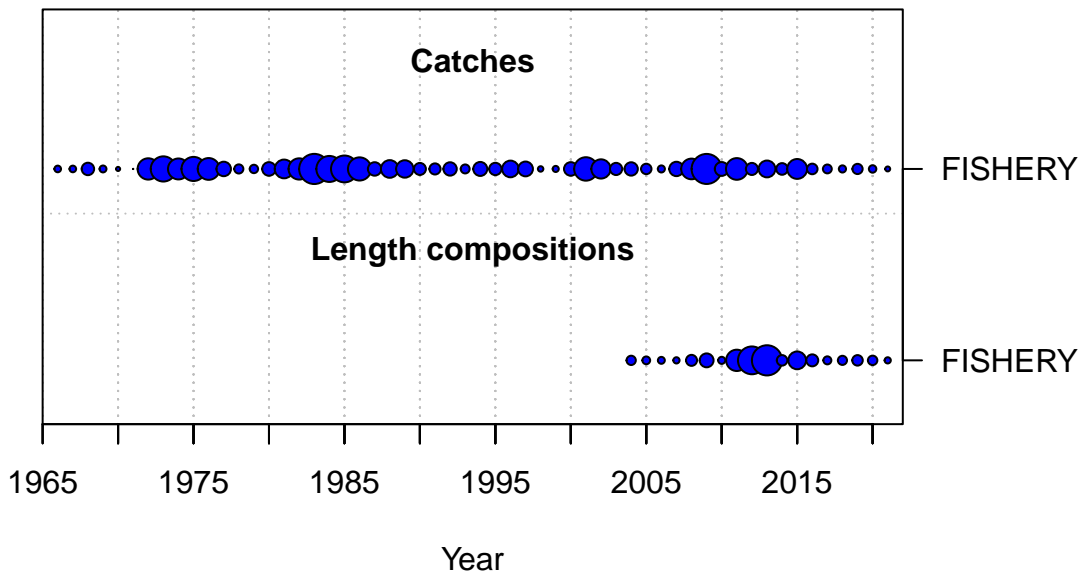




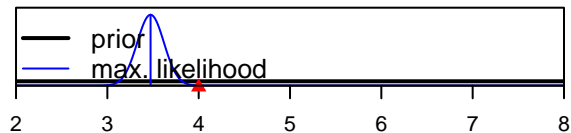




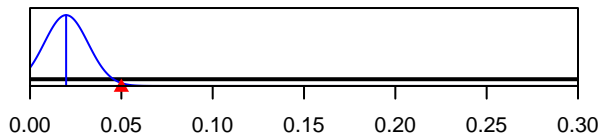




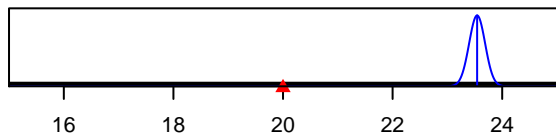
SR_LN(R0)



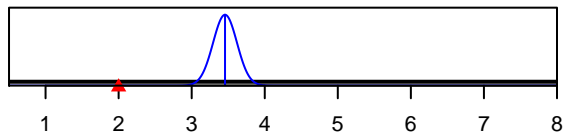
InitF_seas_1flt_1FISHERY



Size_inflection_FISHERY(1)



Size_95%width_FISHERY(1)



Parameter value