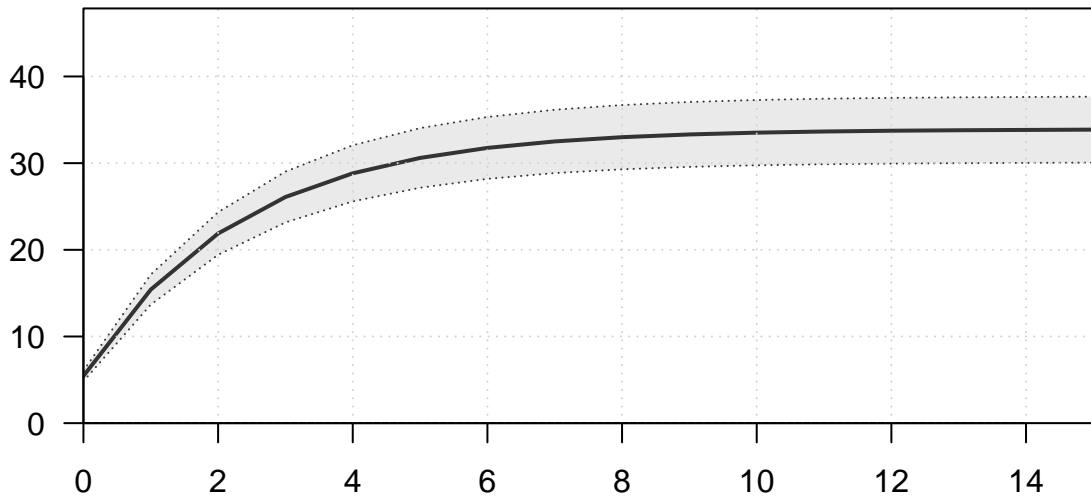
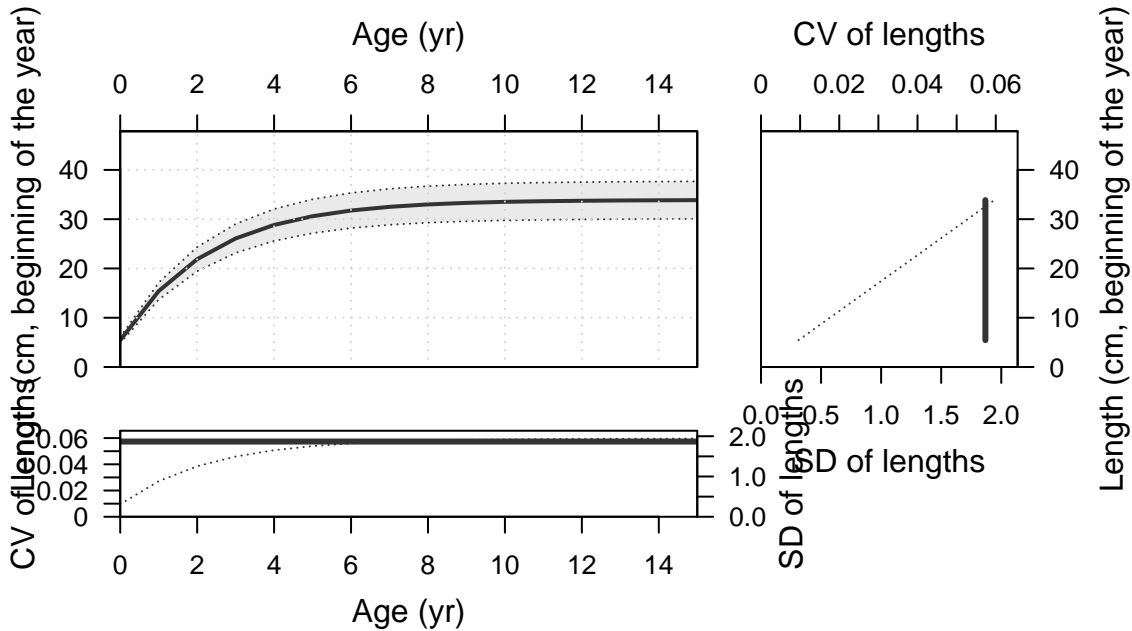


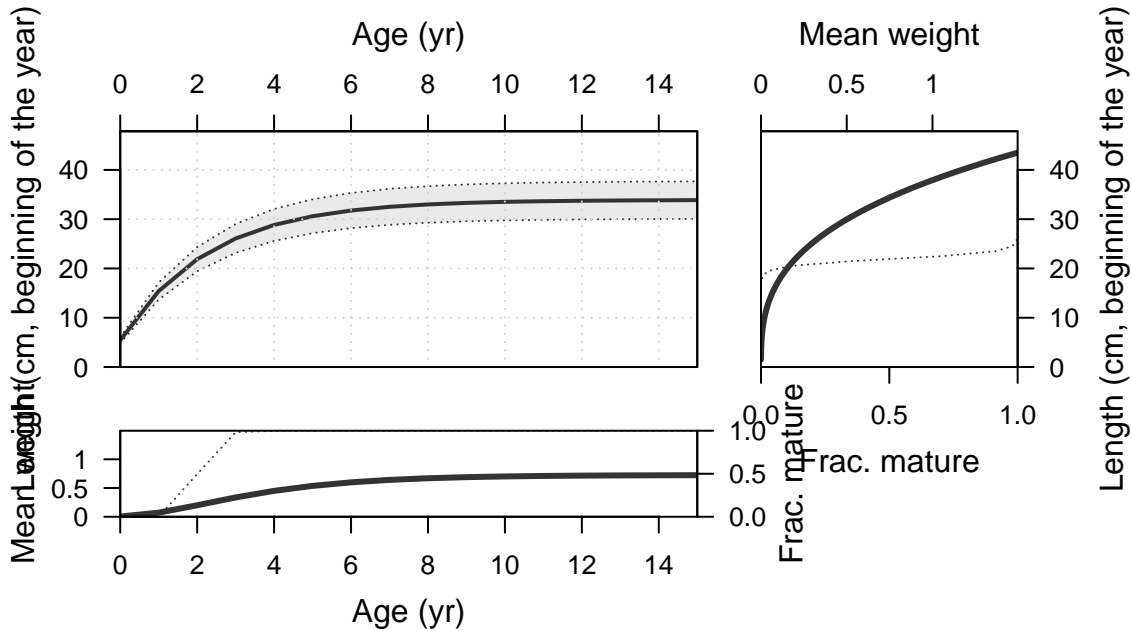
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Thu Aug 11 17:01:49 2022
Data_File: data.ss
Control_File: control.ss

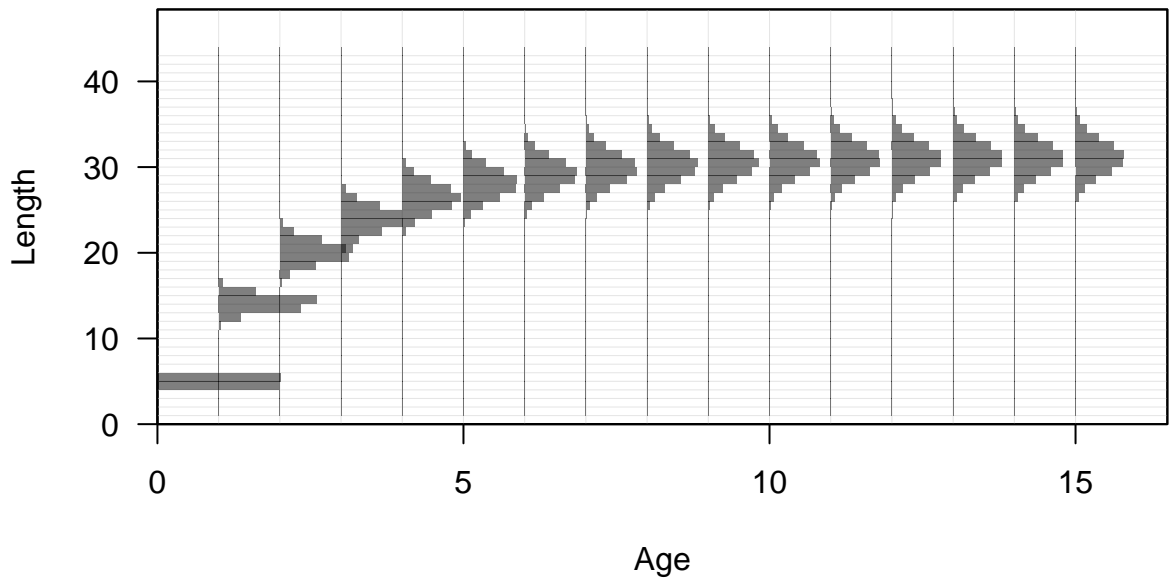
Length (cm, beginning of the year)

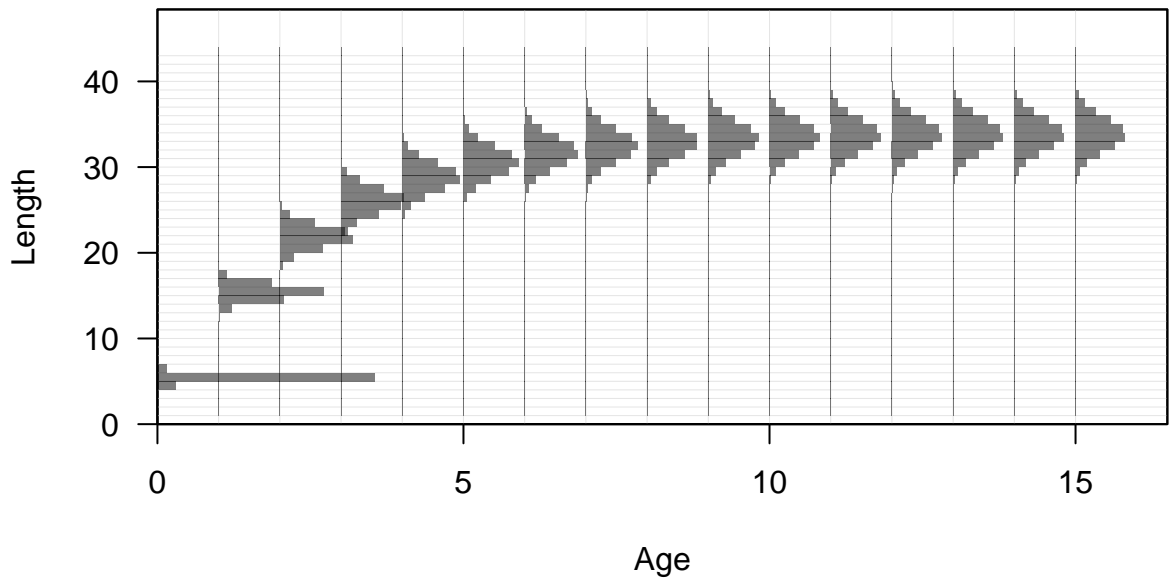


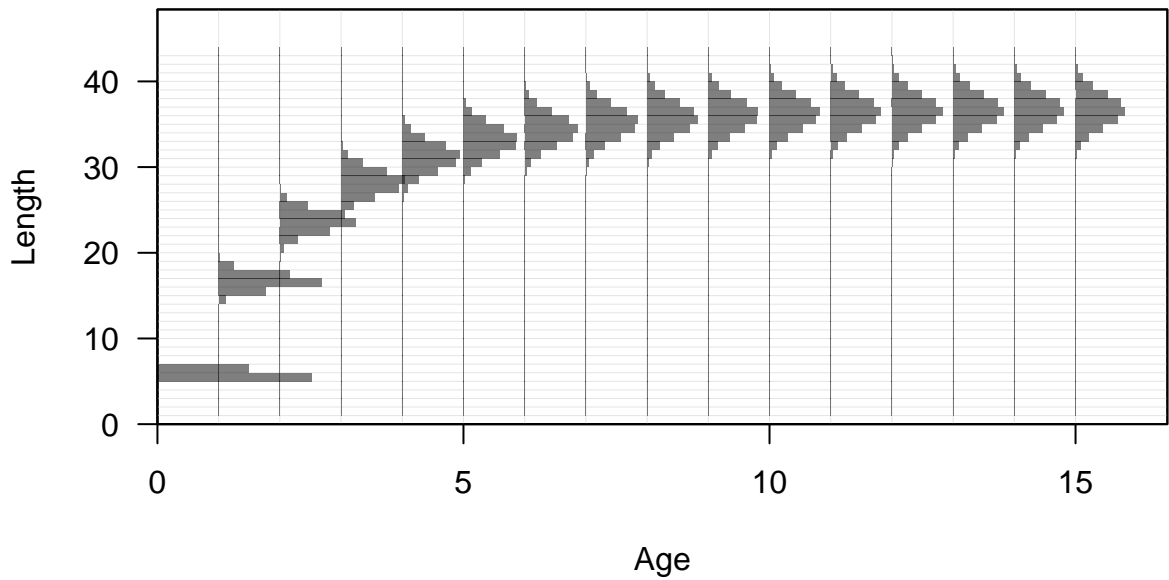
Age (yr)

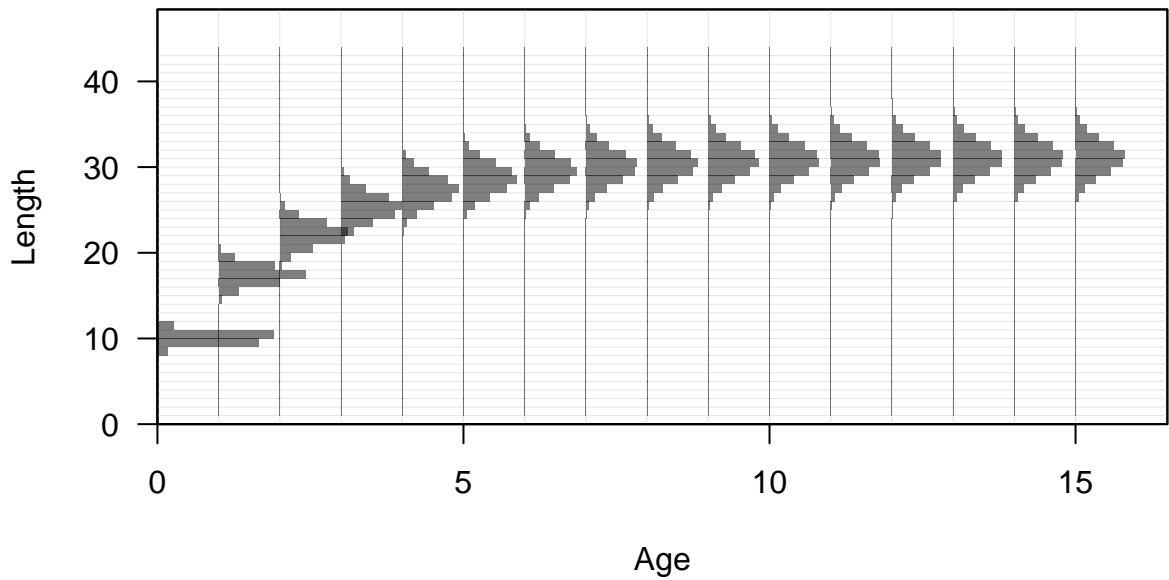


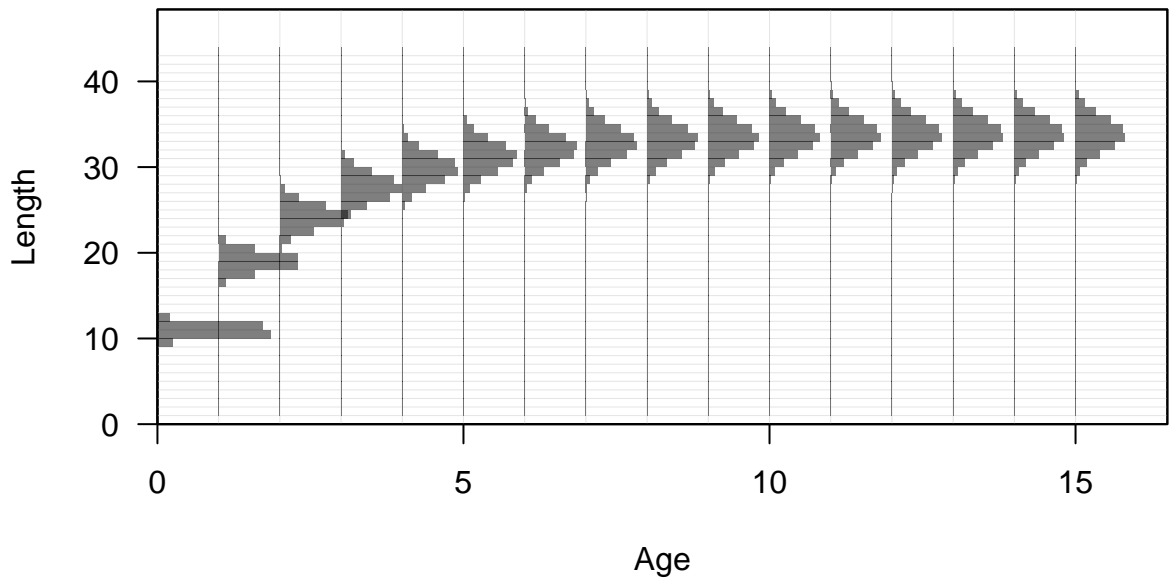


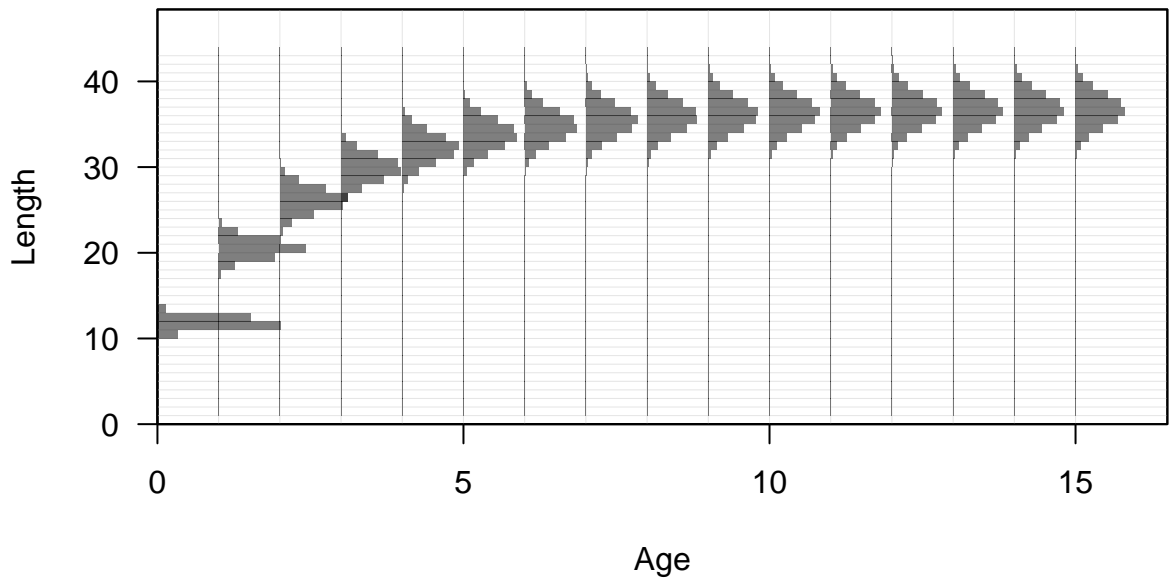


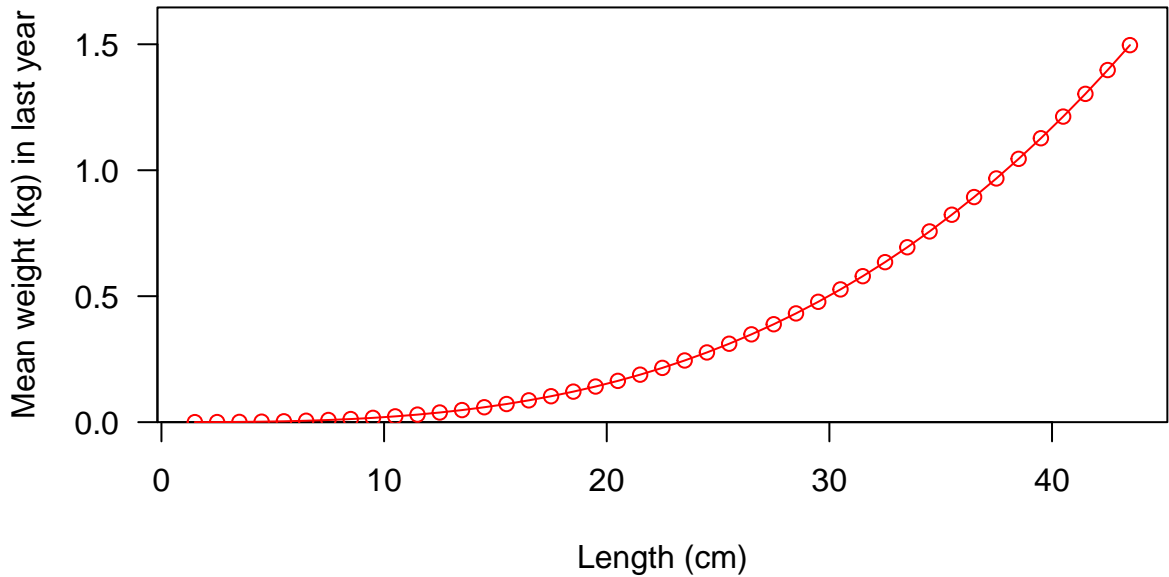


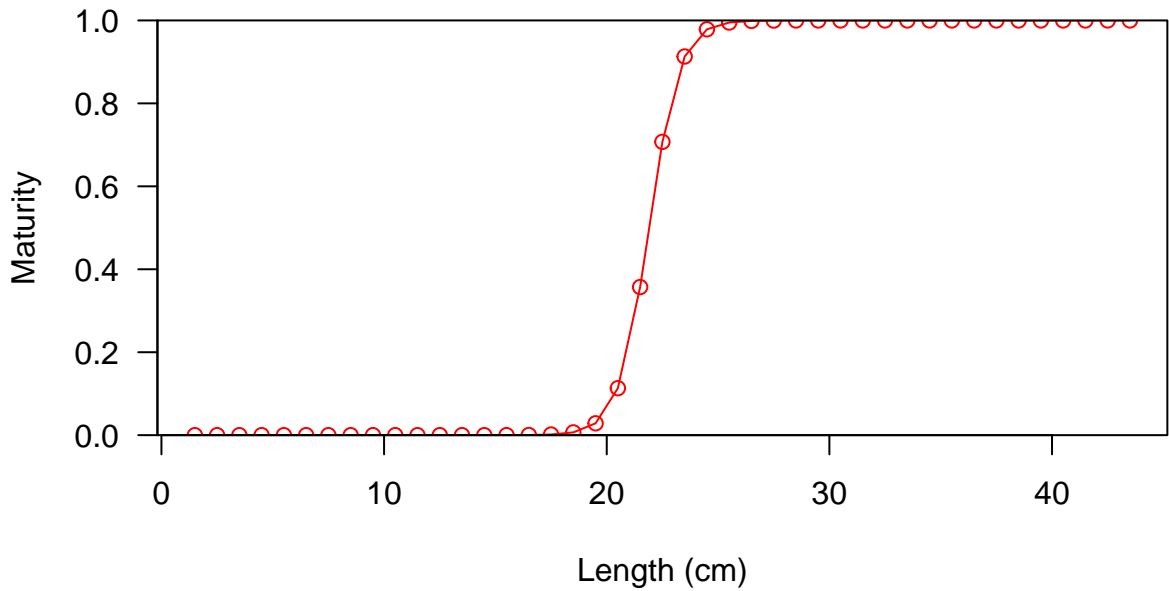


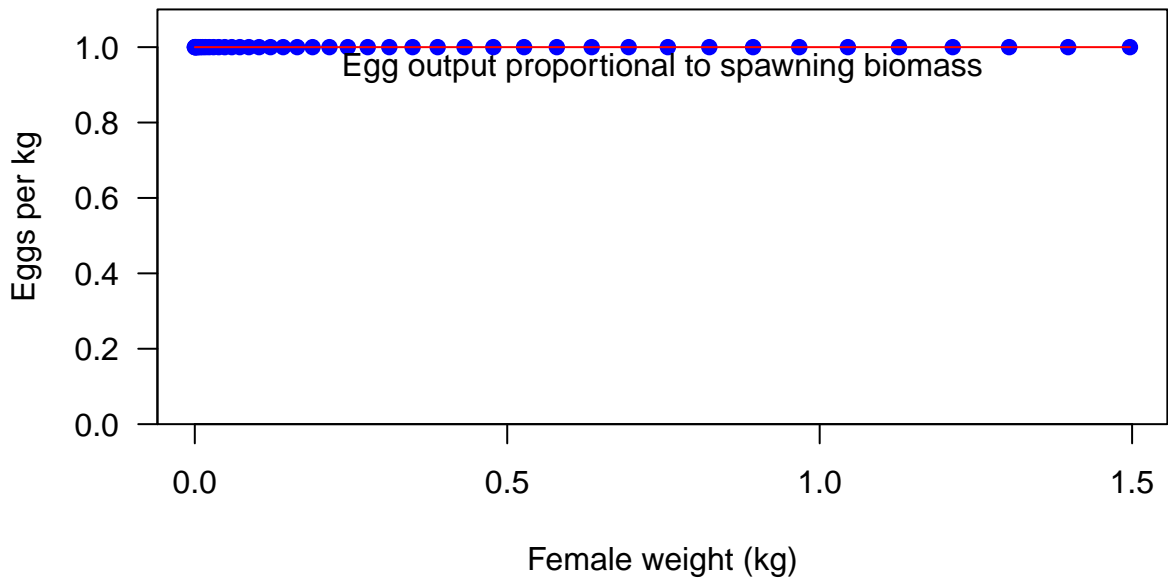


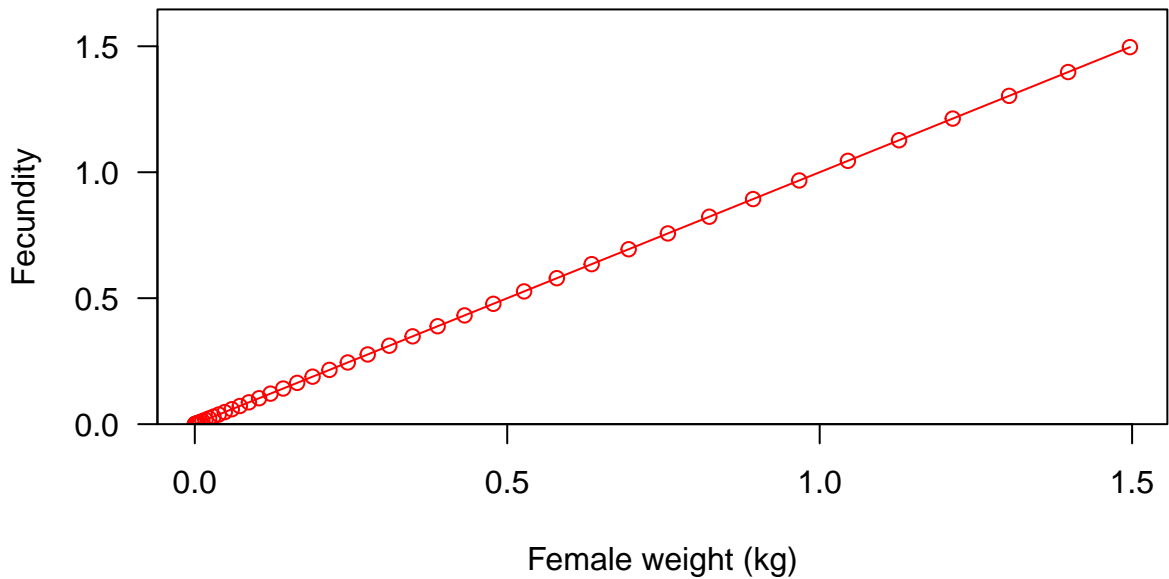


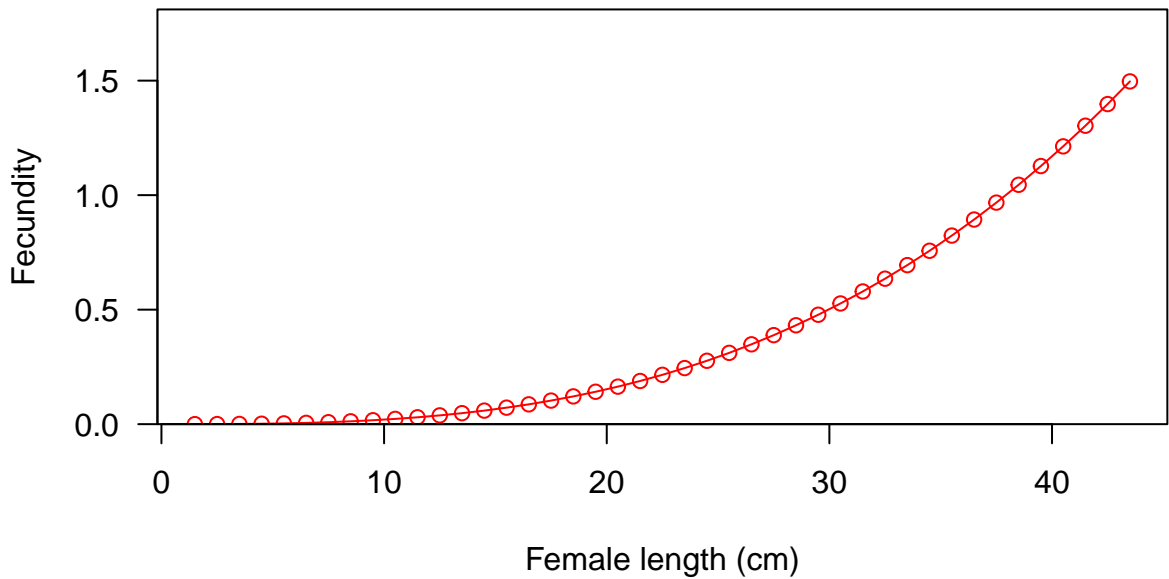


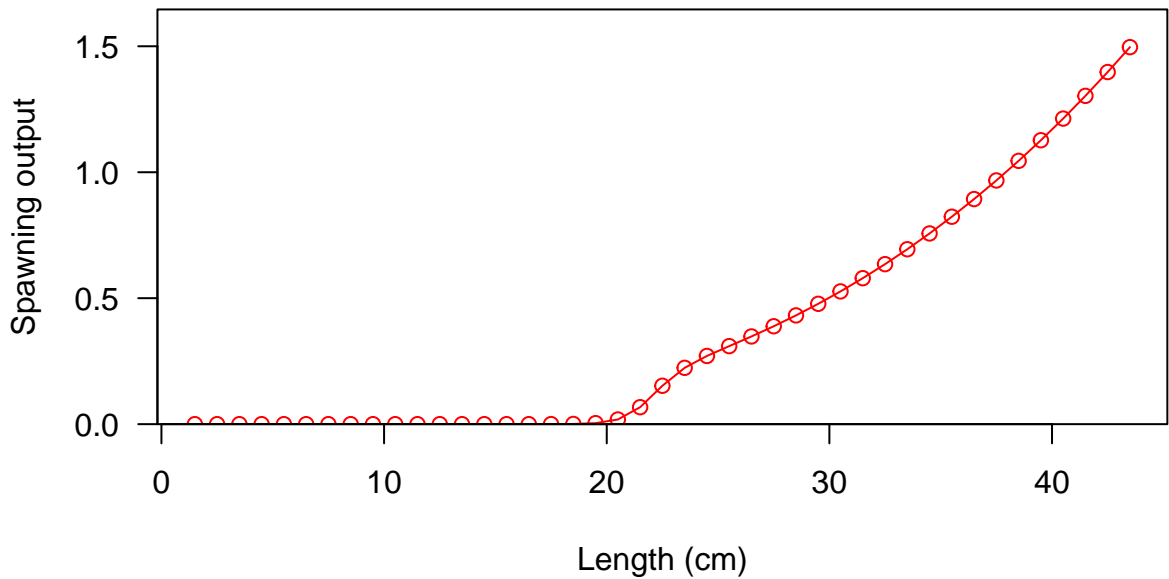


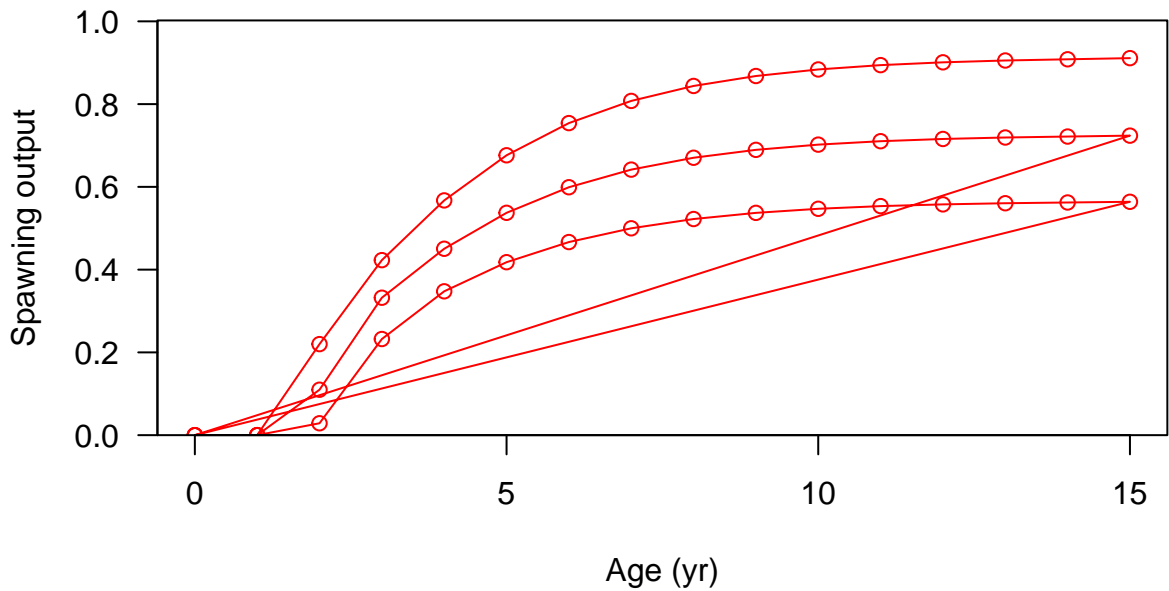




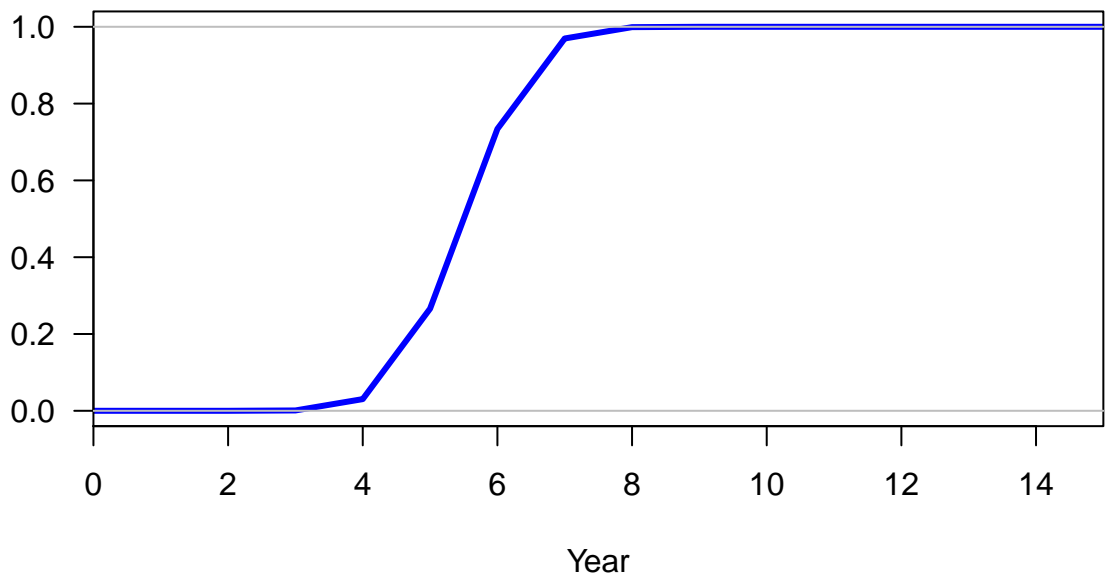




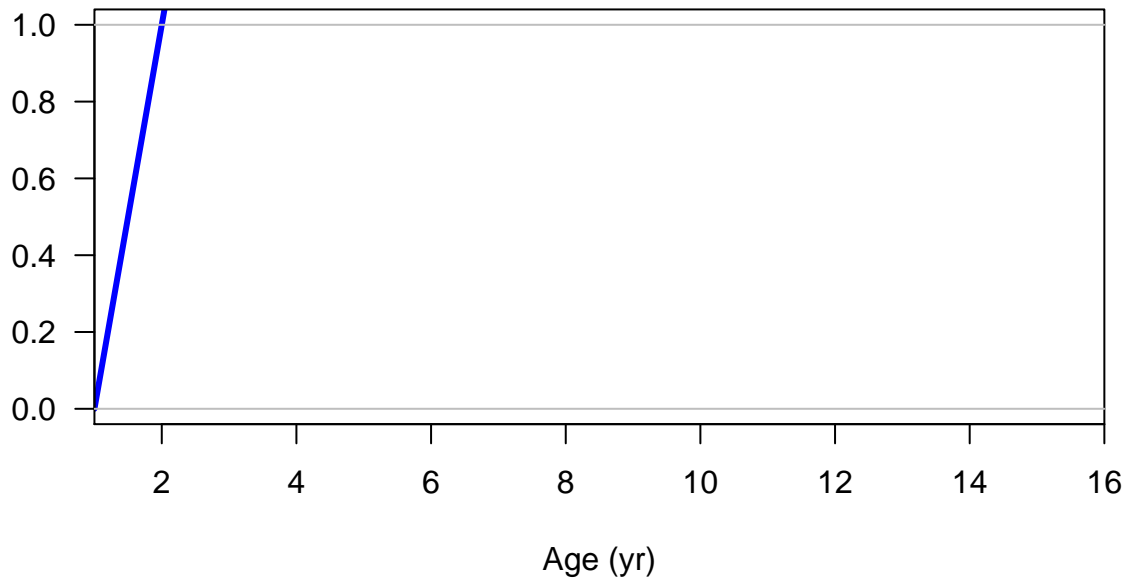




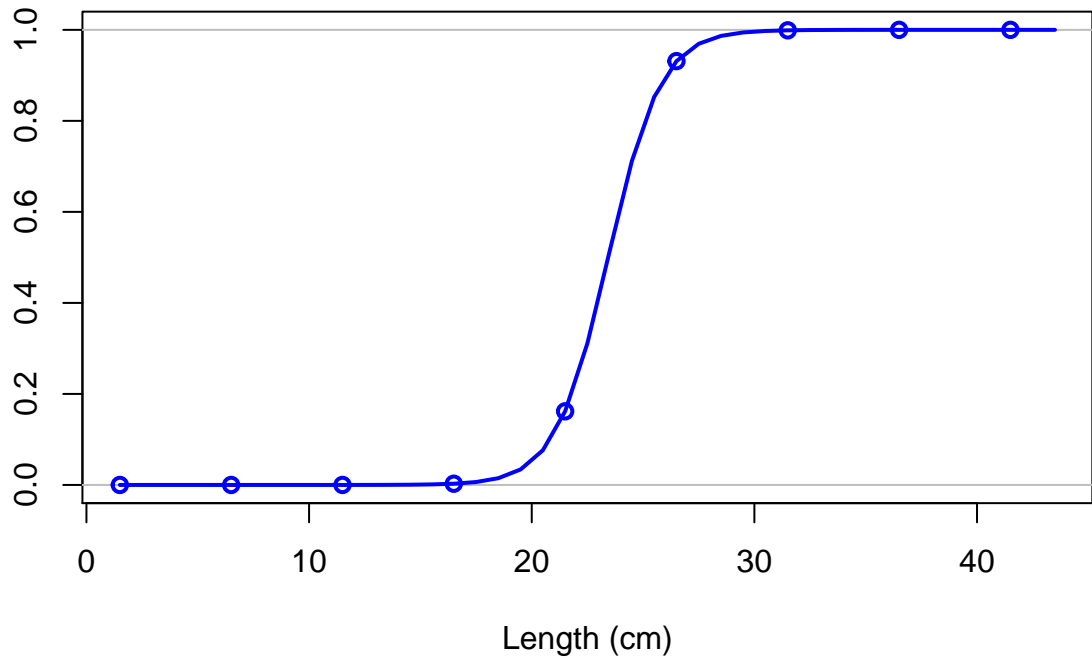
Hermaphroditism transition rate



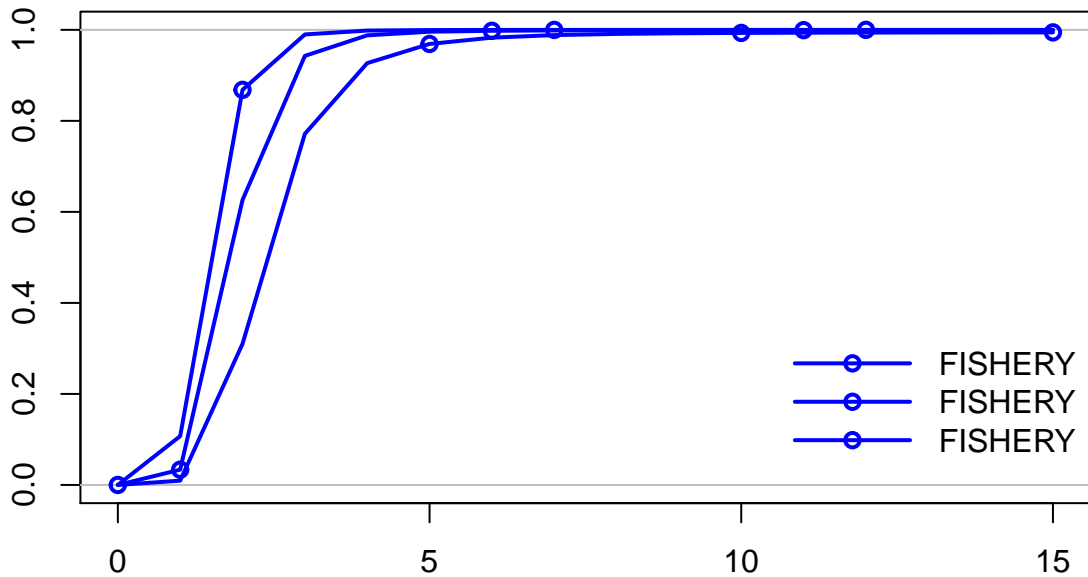
Fraction females by age at equilibrium



Selectivity

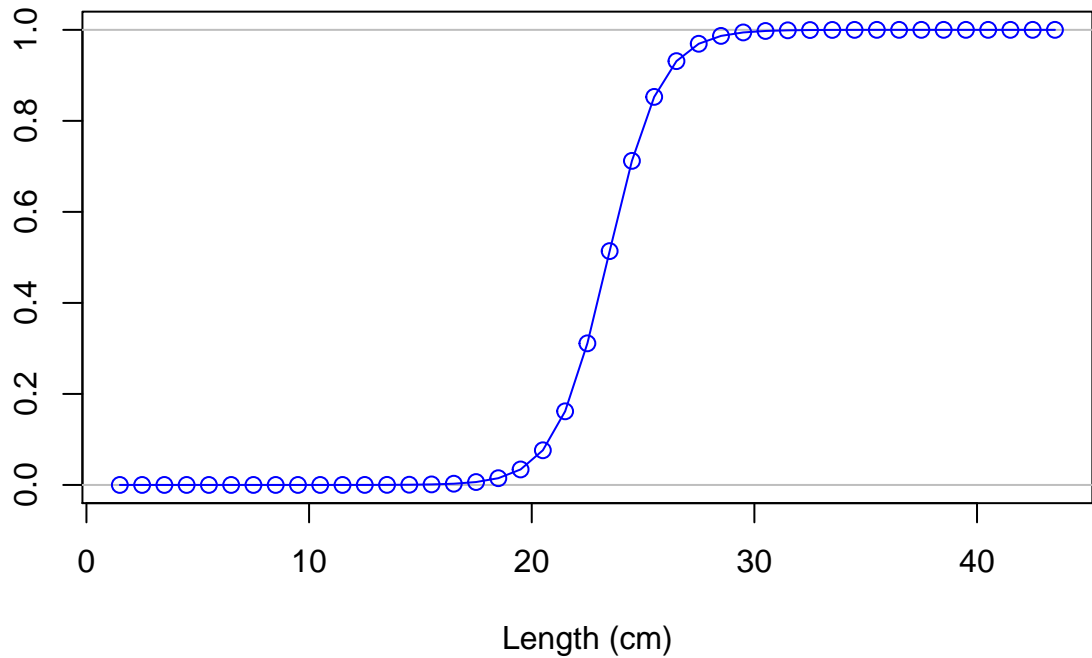


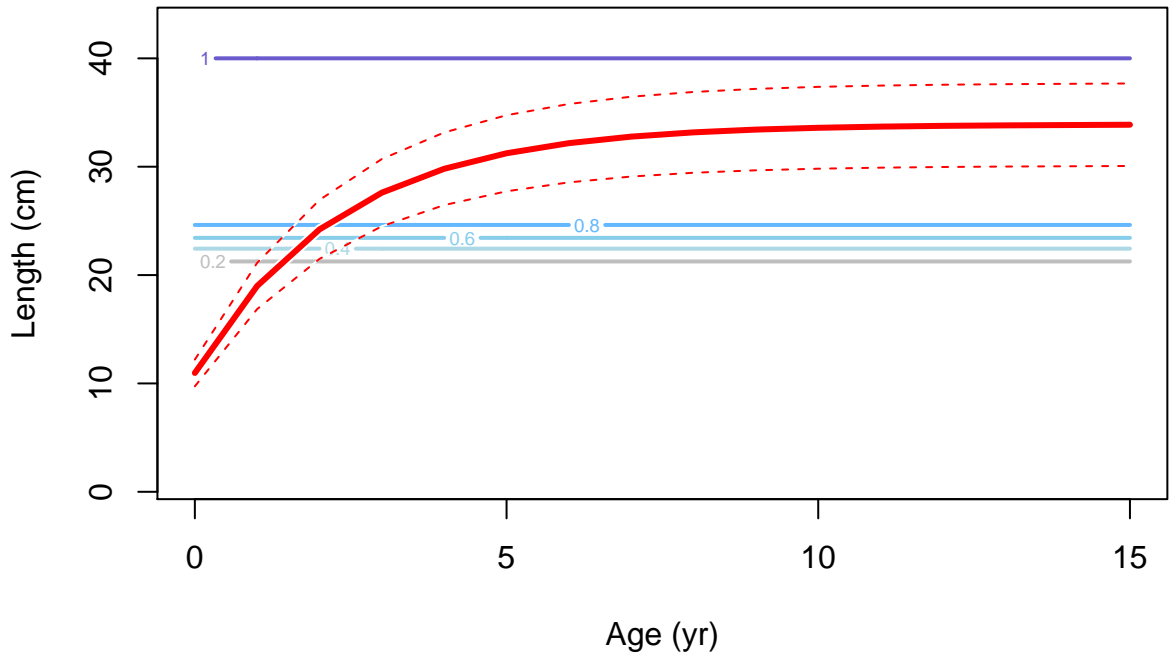
Selectivity



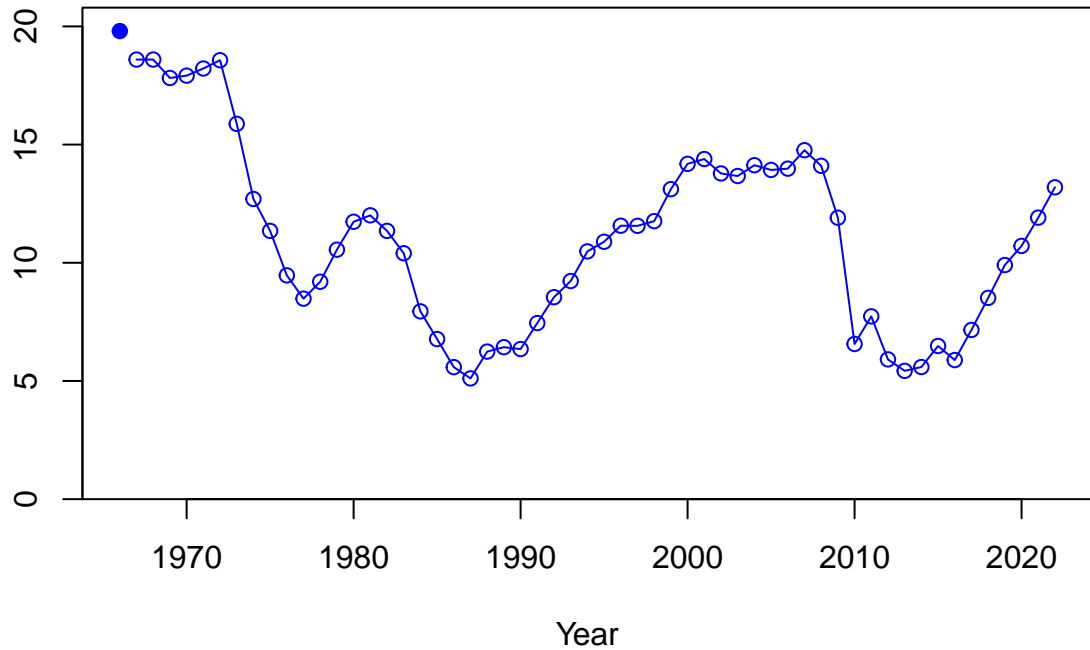
Age (yr)

Selectivity

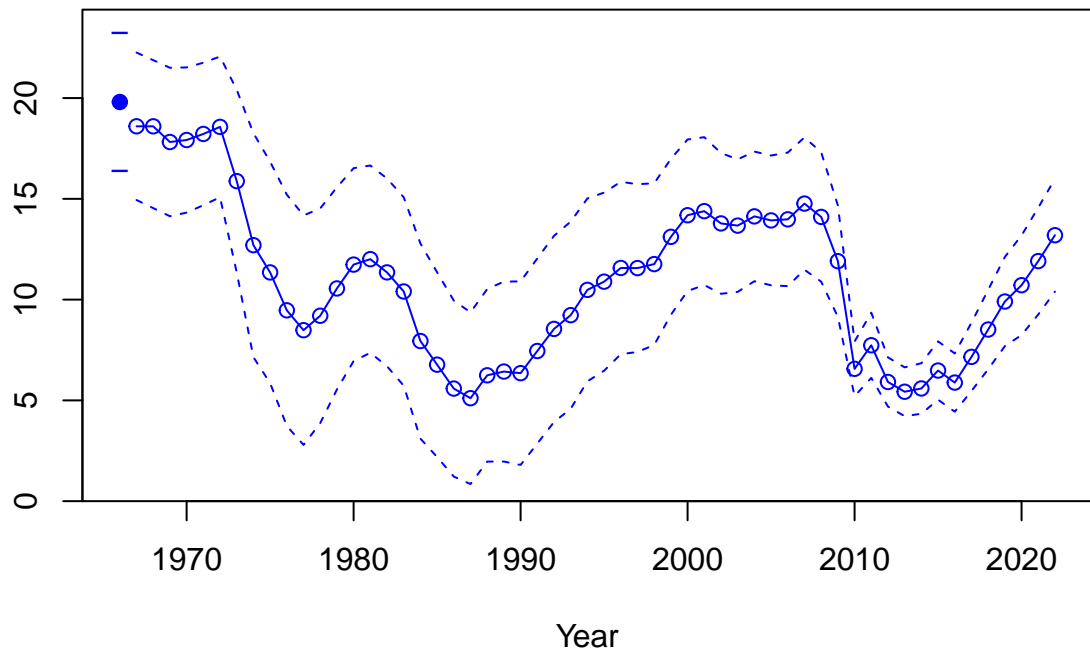




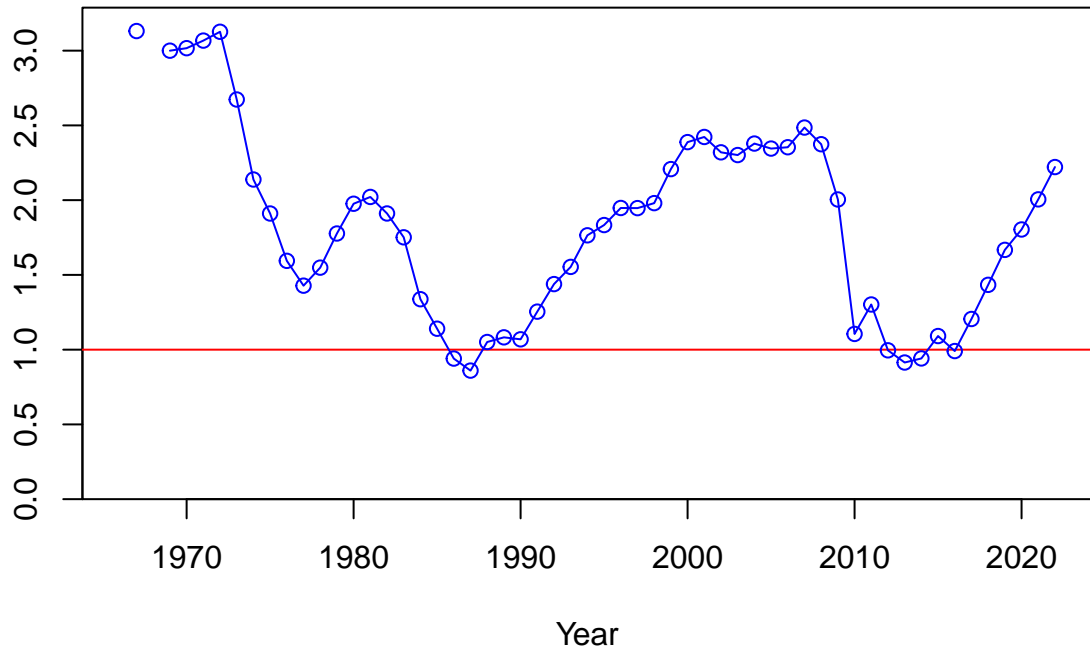
Spawning biomass (mt)



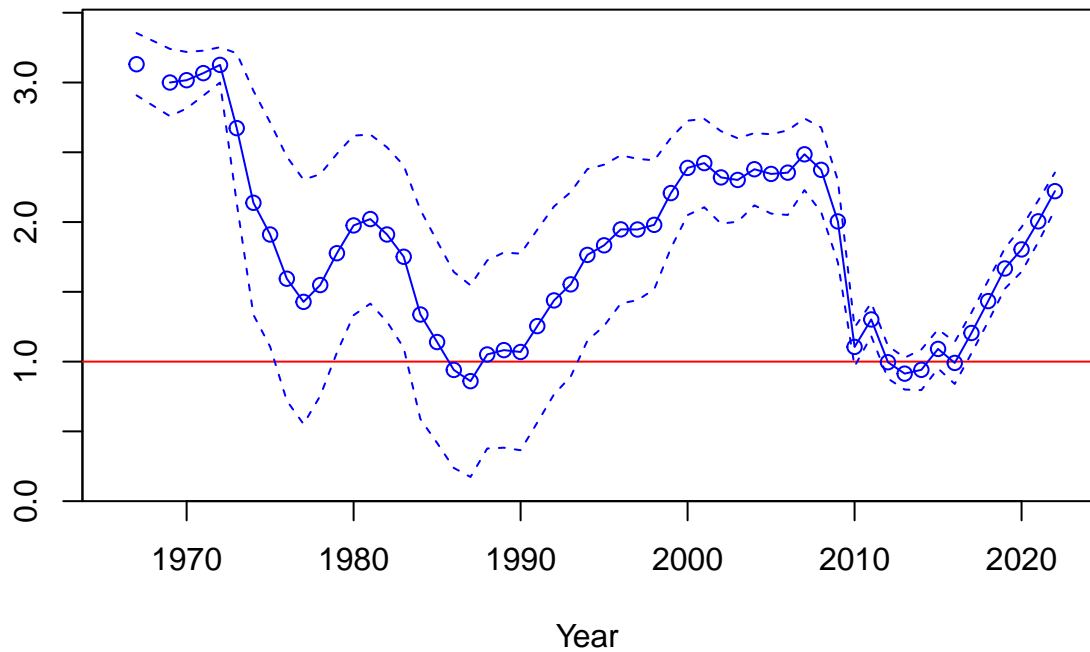
Spawning biomass (mt)

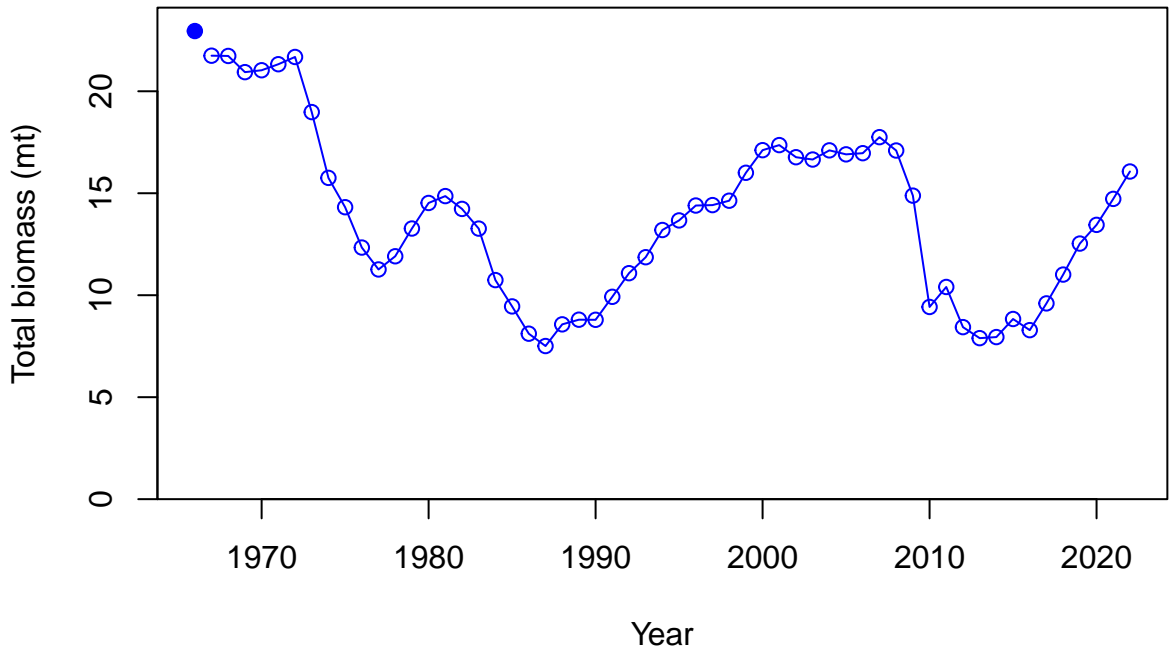


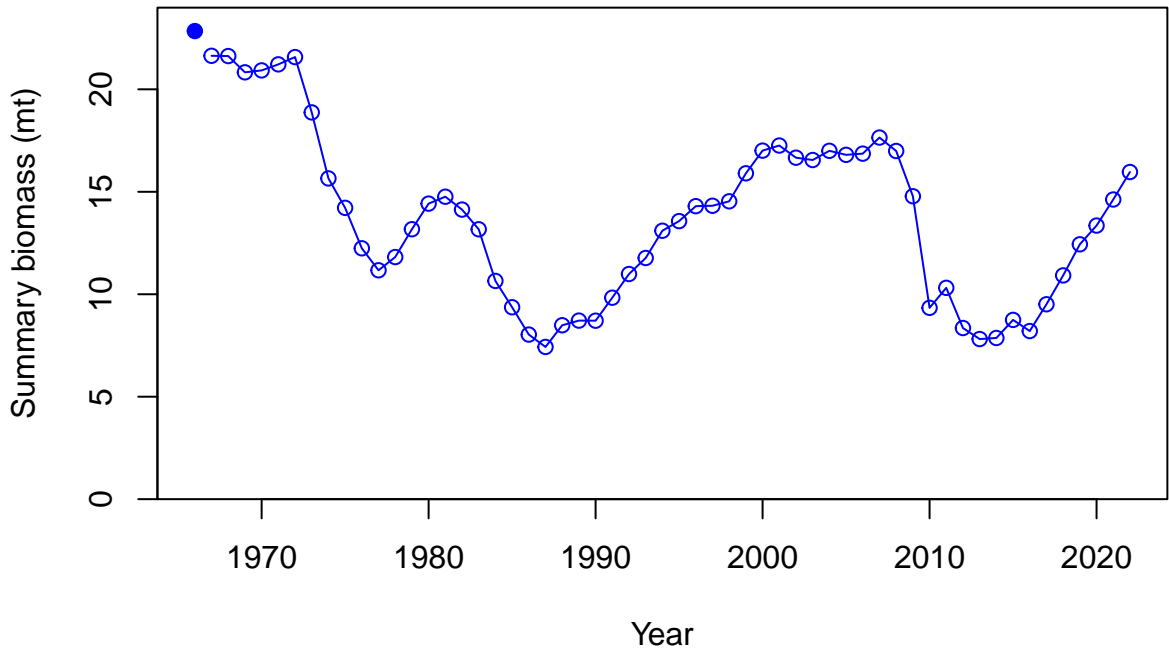
Relative spawning biomass: B/B_{MSY}

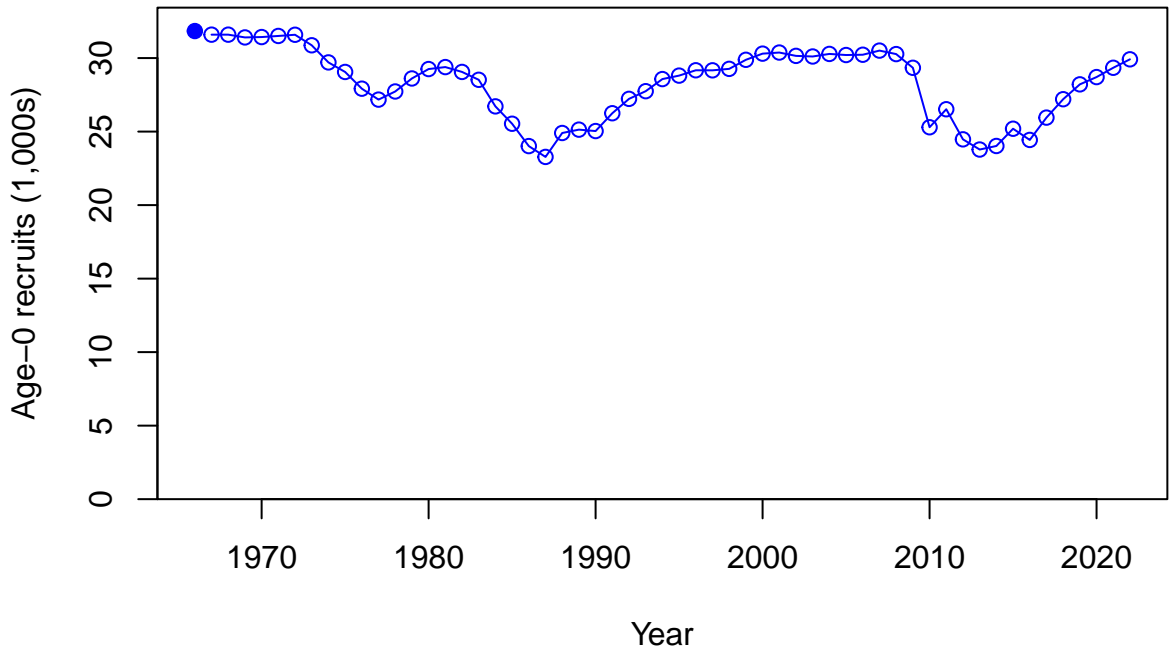


Relative spawning biomass: B/B_{MSY}

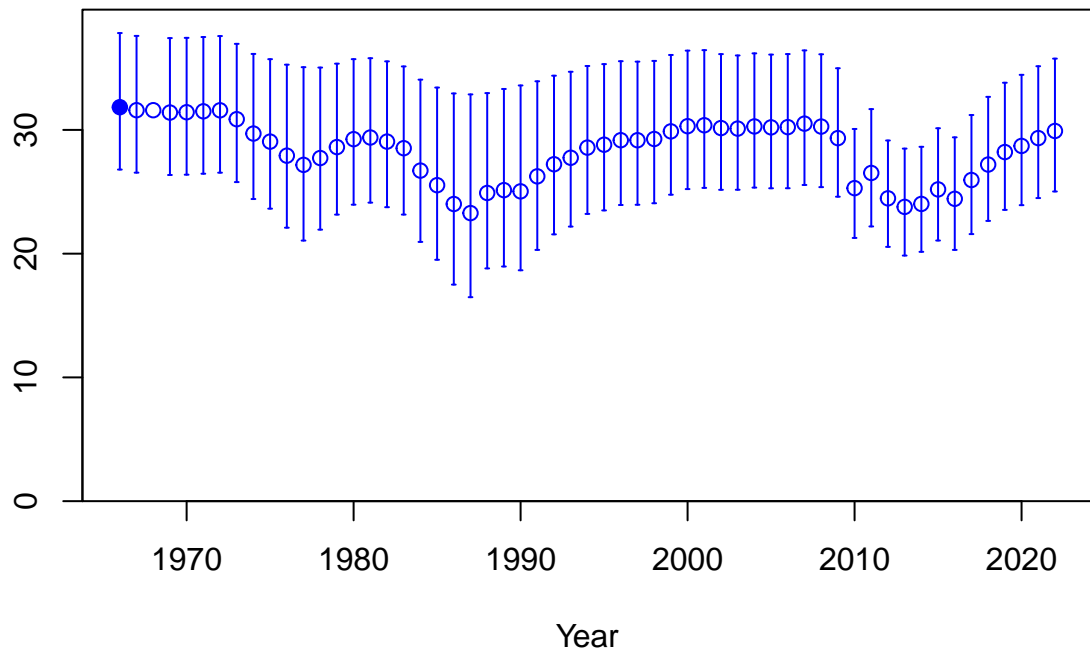




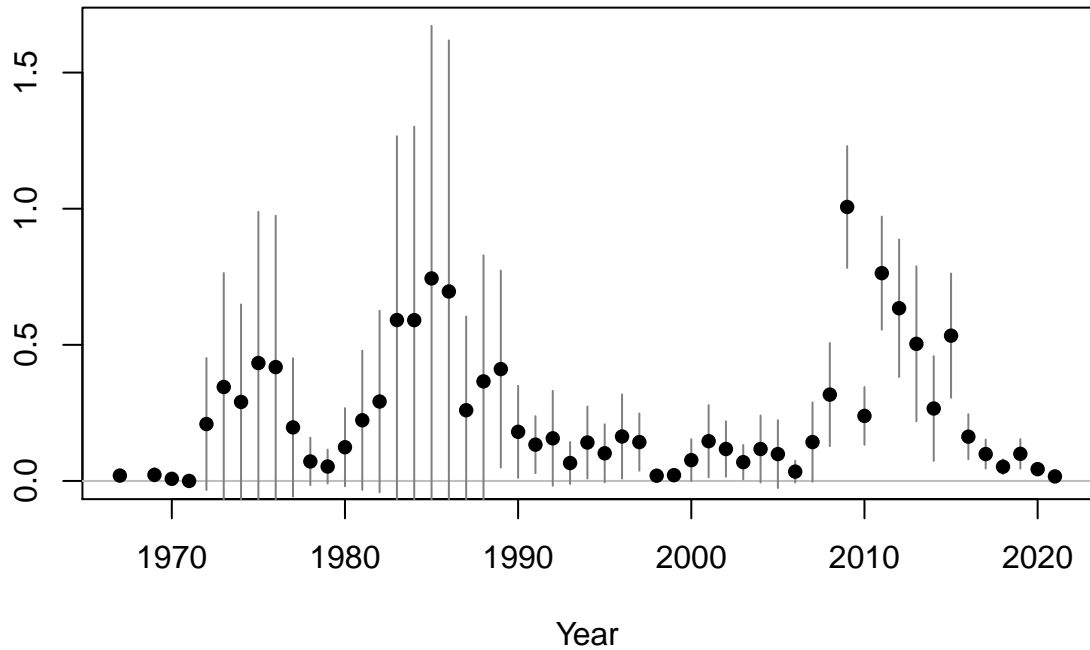


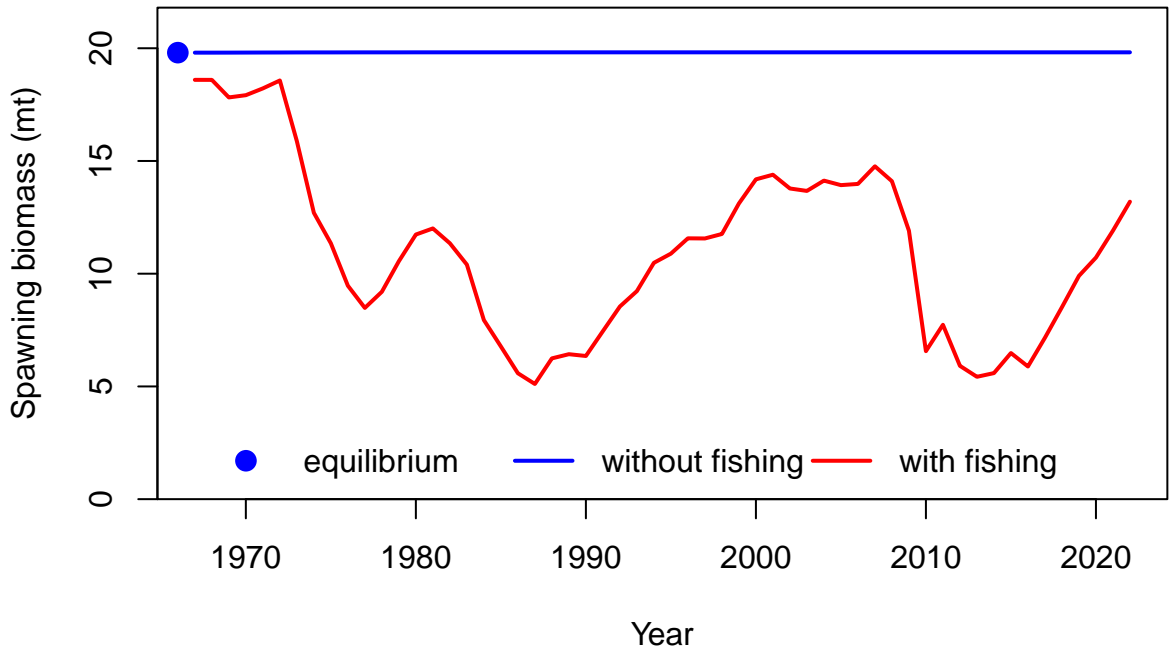


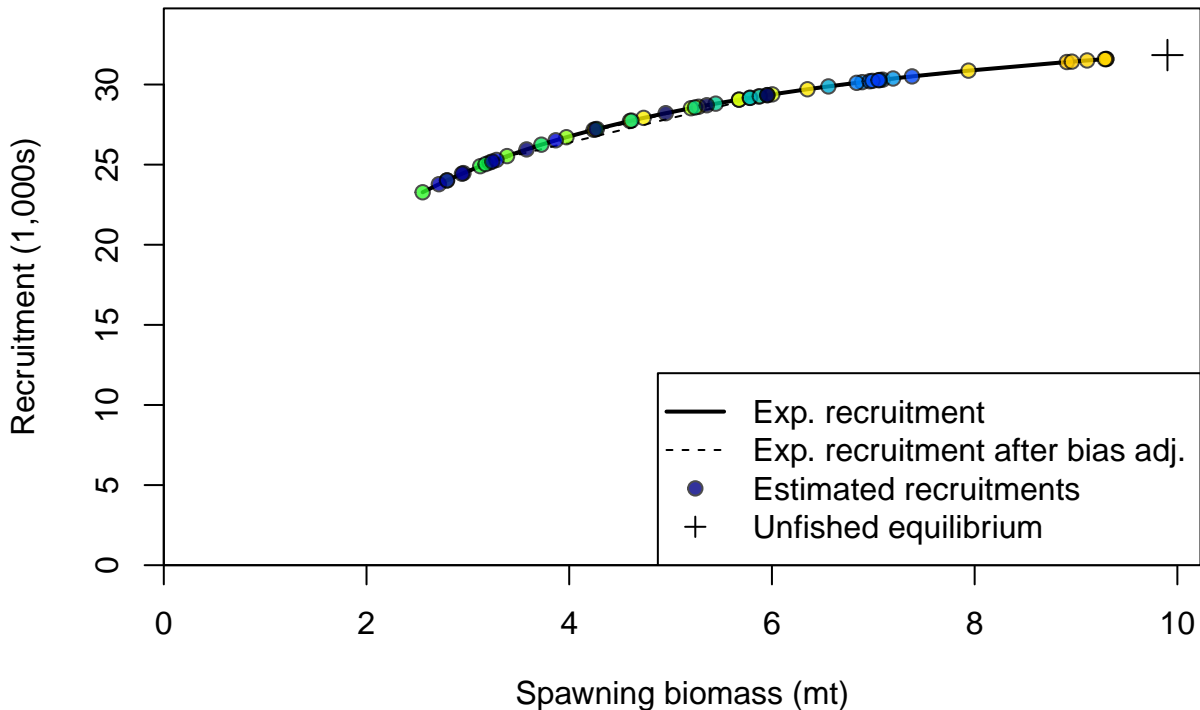
Age-0 recruits (1,000s)

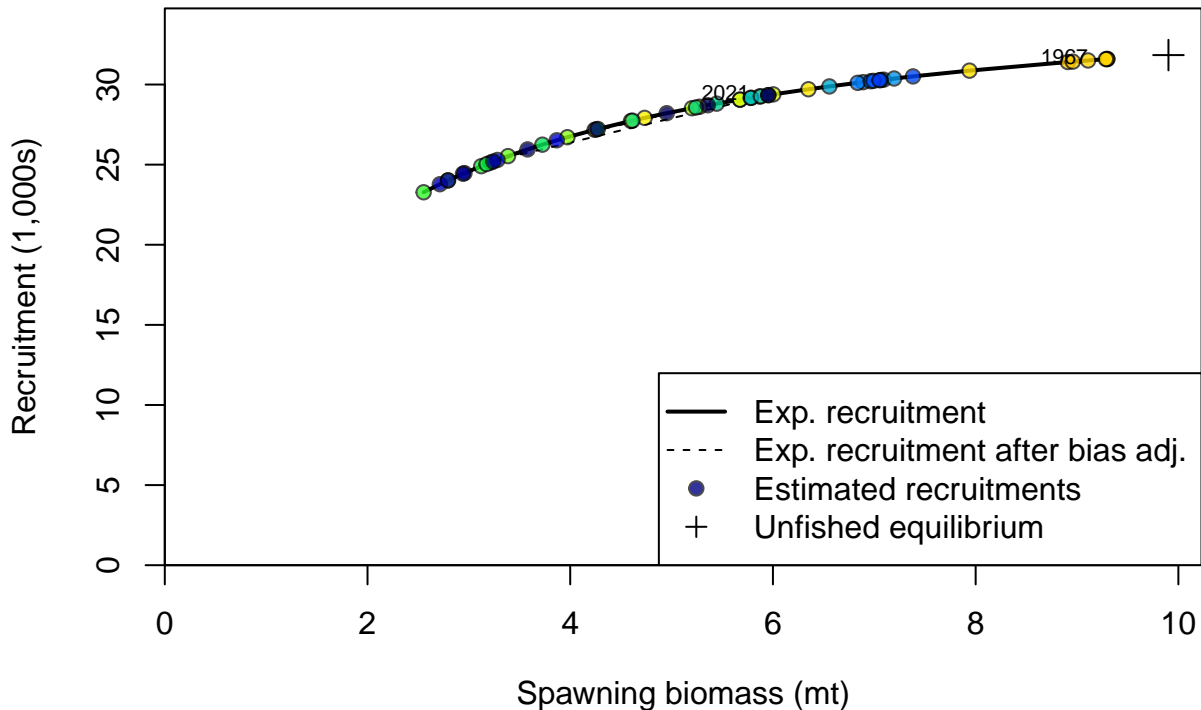


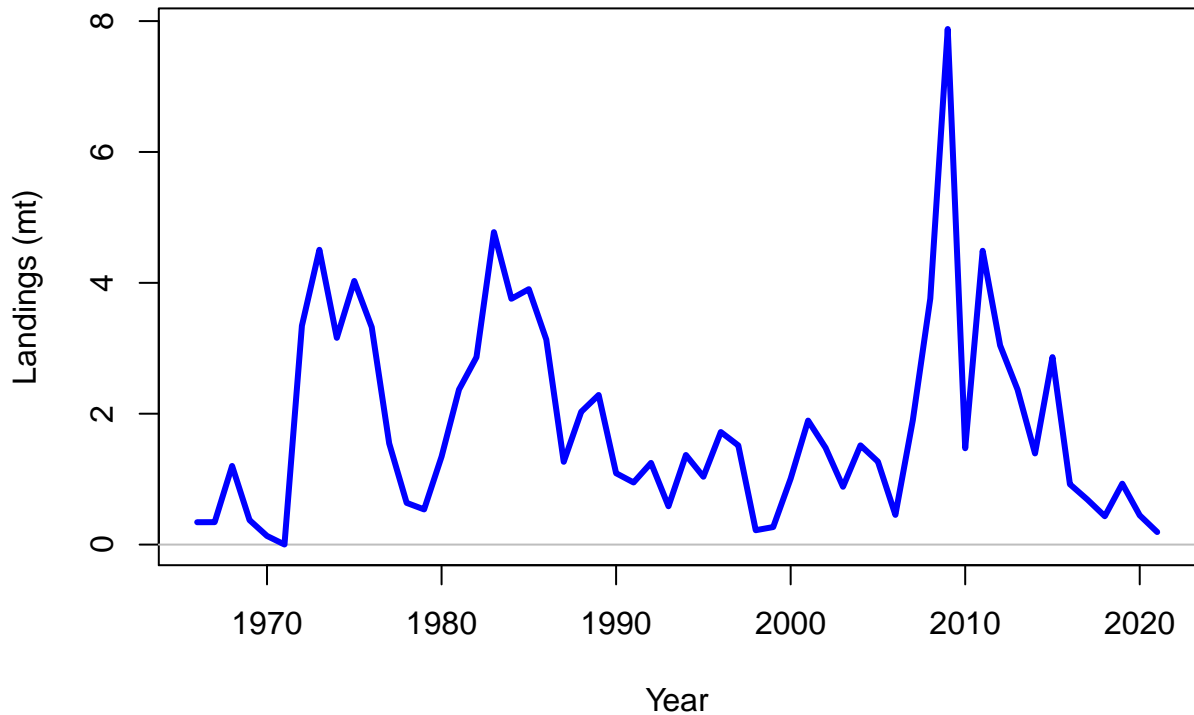
Summary Fishing Mortality

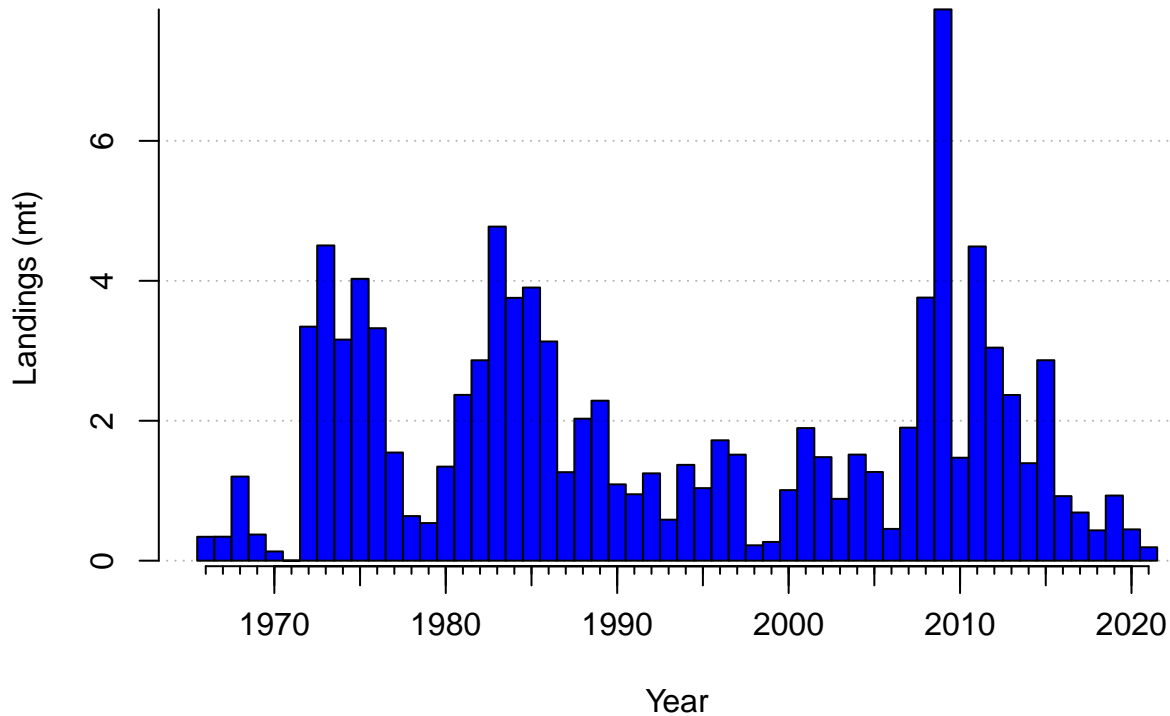




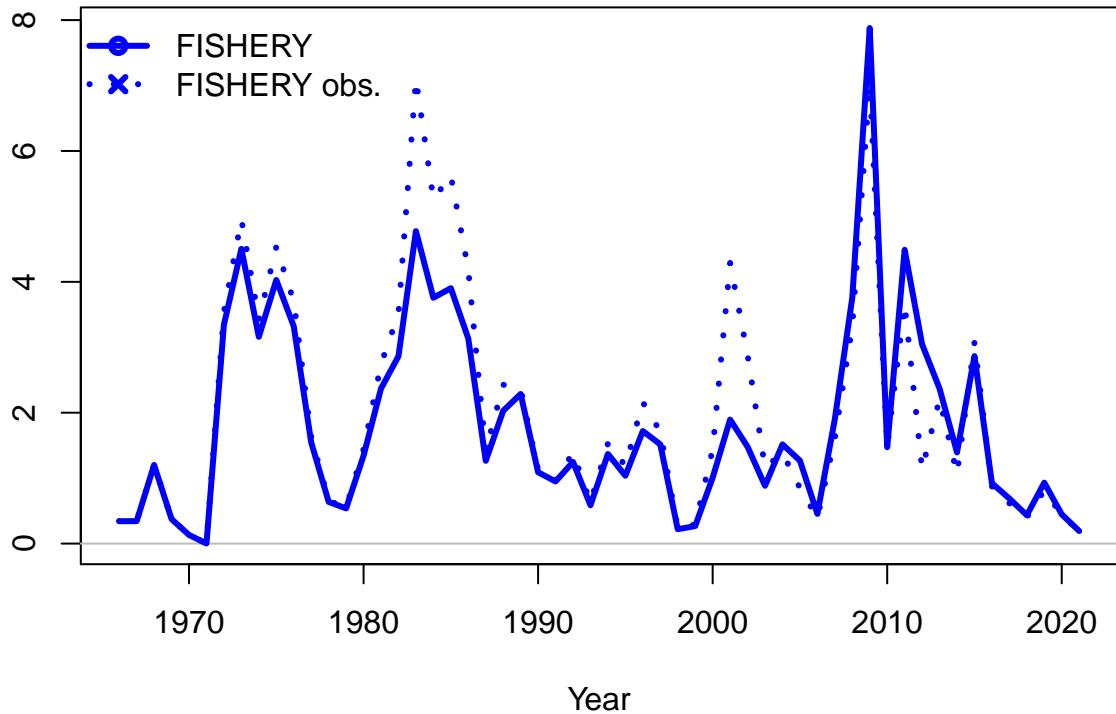


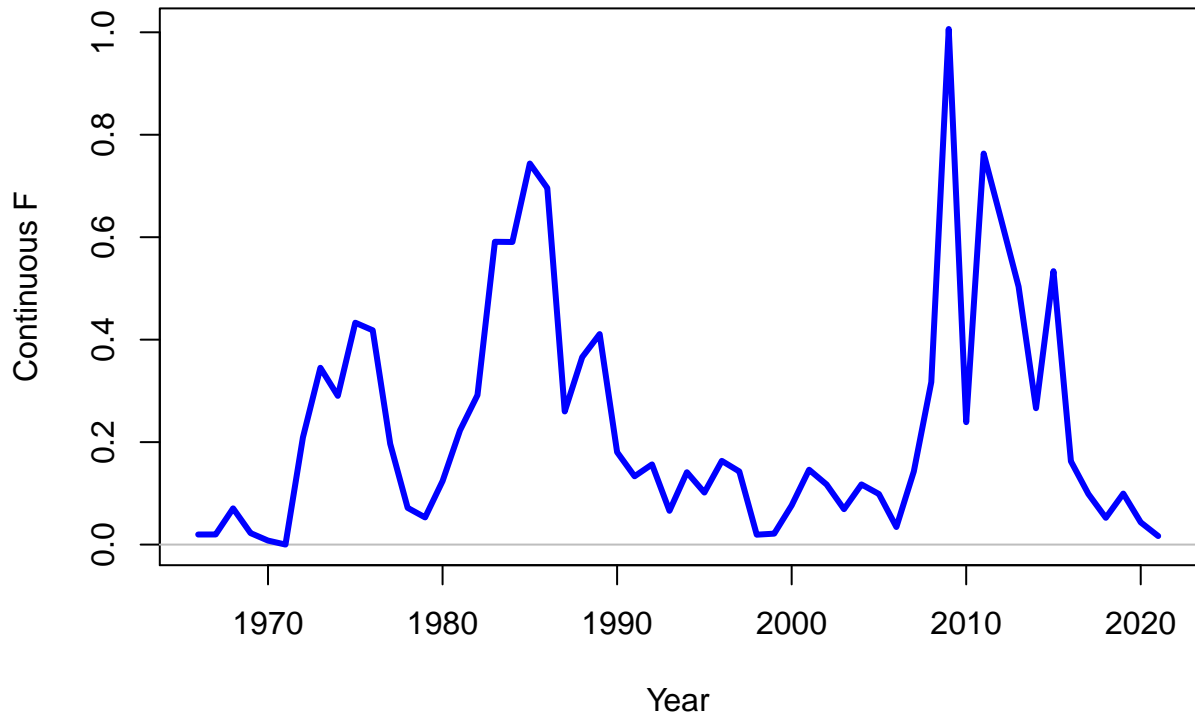




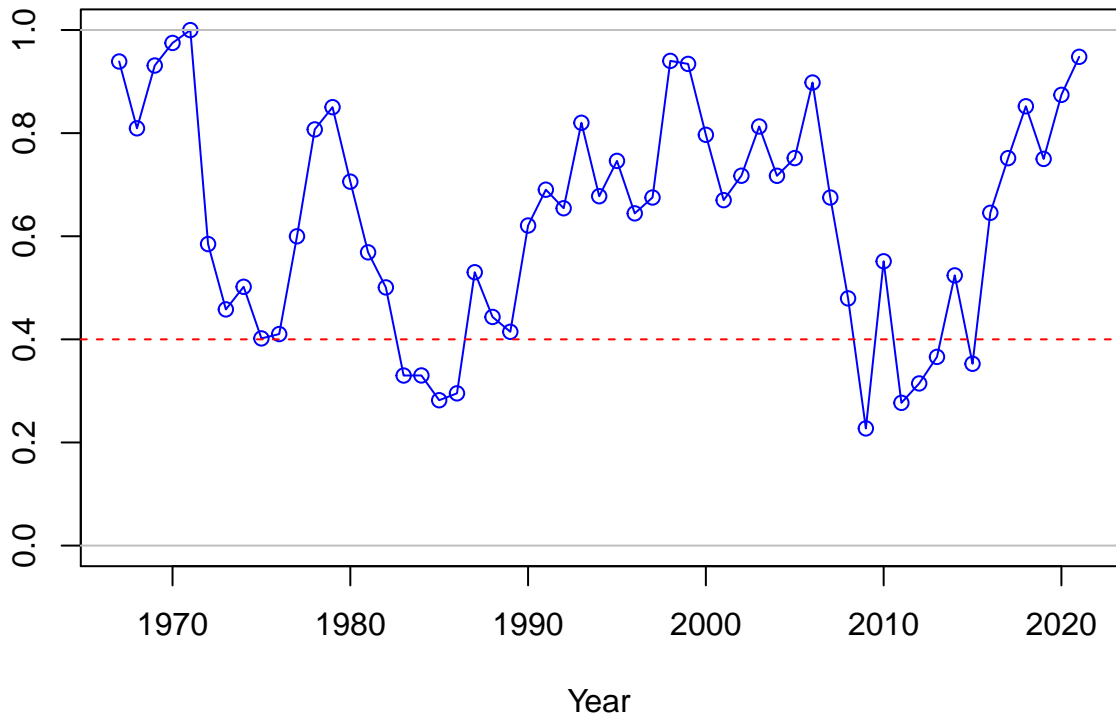


Observed and expected Landings (mt)

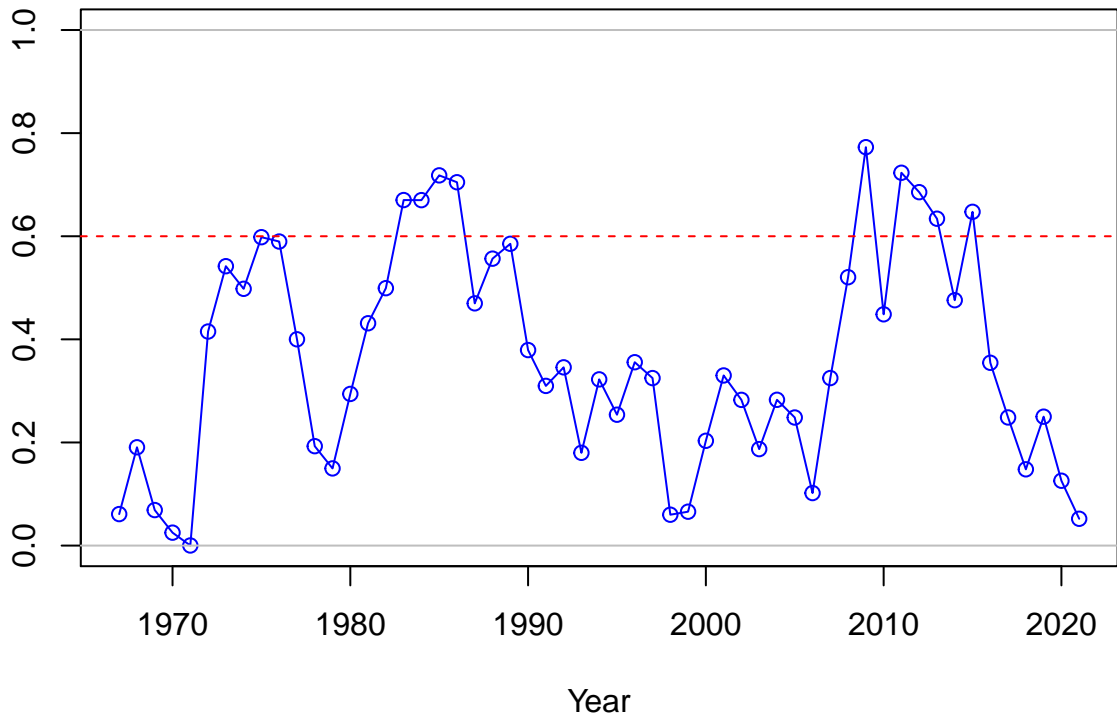




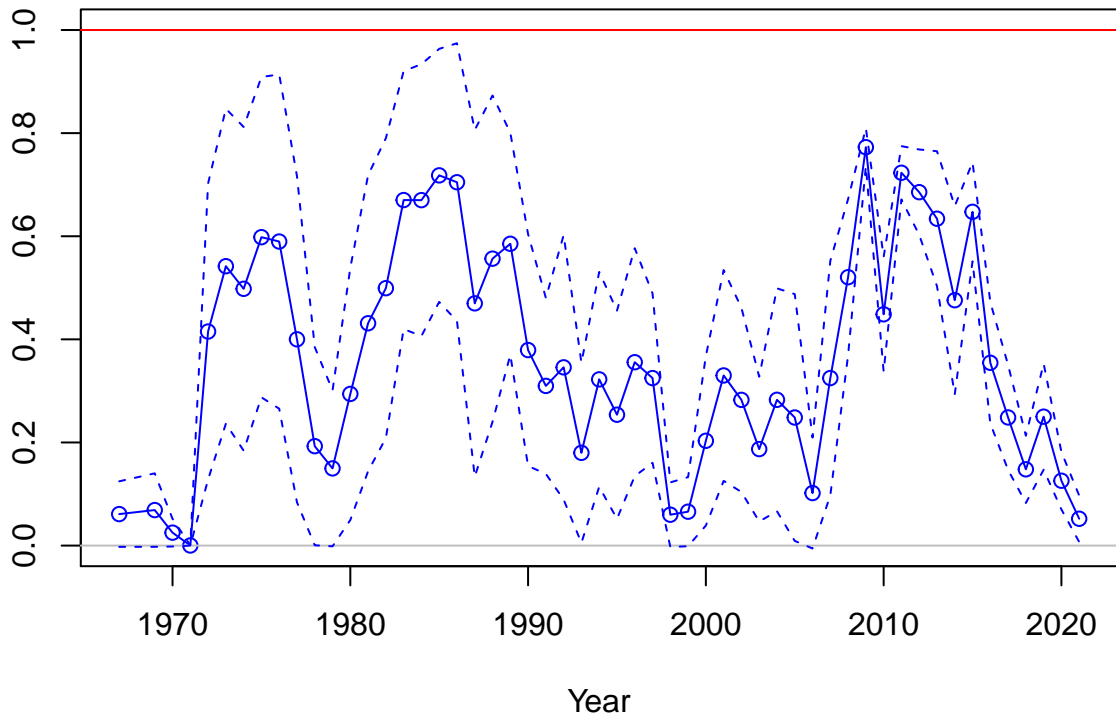
SPR



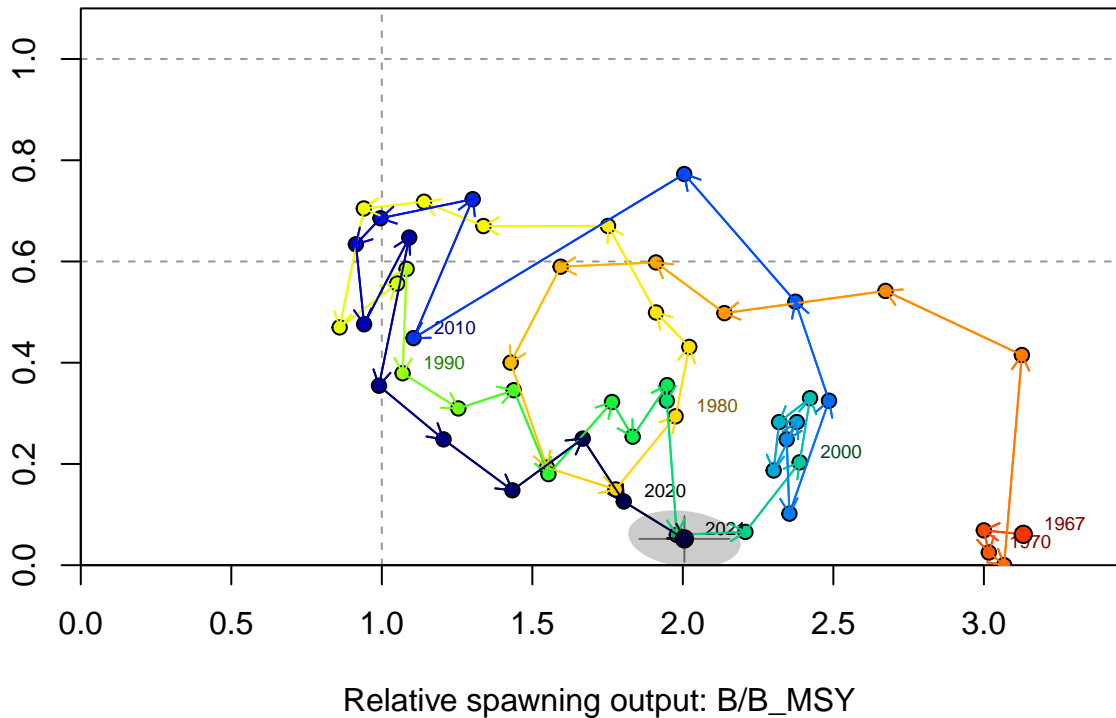
1-SPR



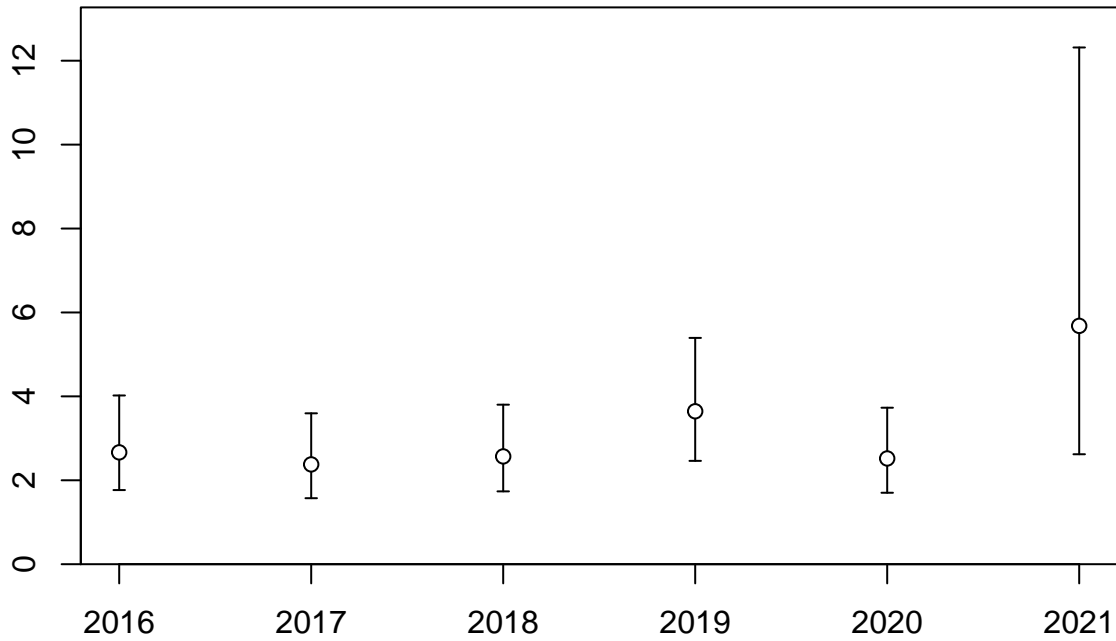
Fishing intensity: 1-SPR



Fishing intensity: 1-SPR

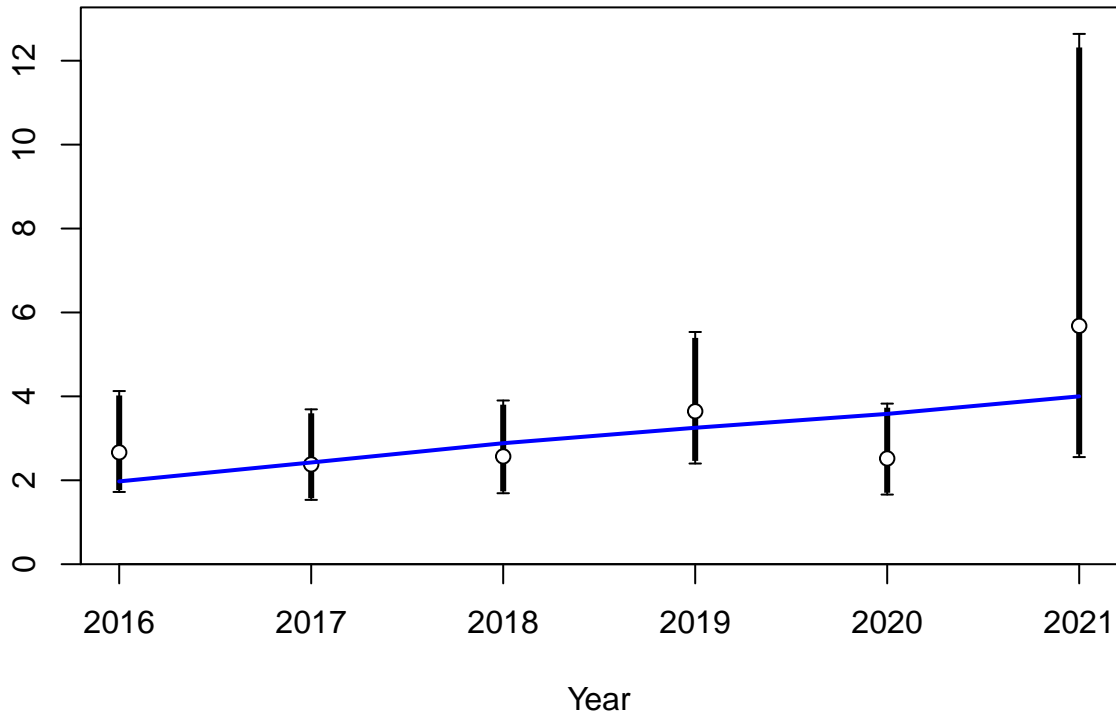


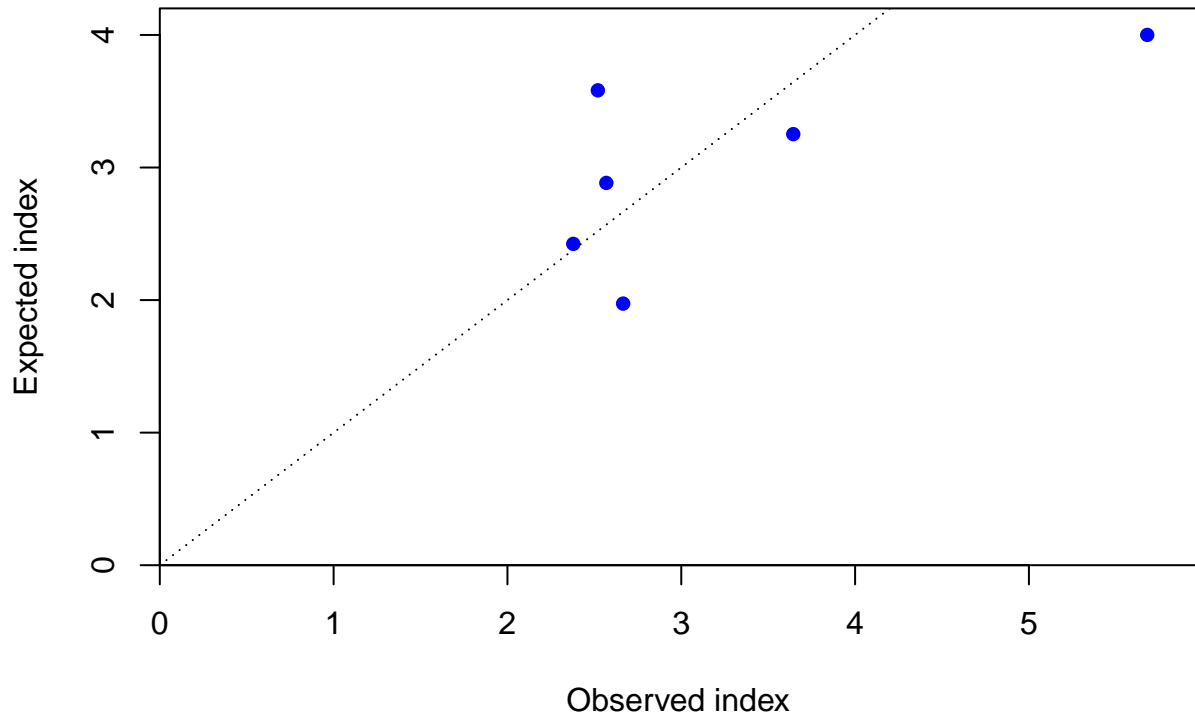
Index

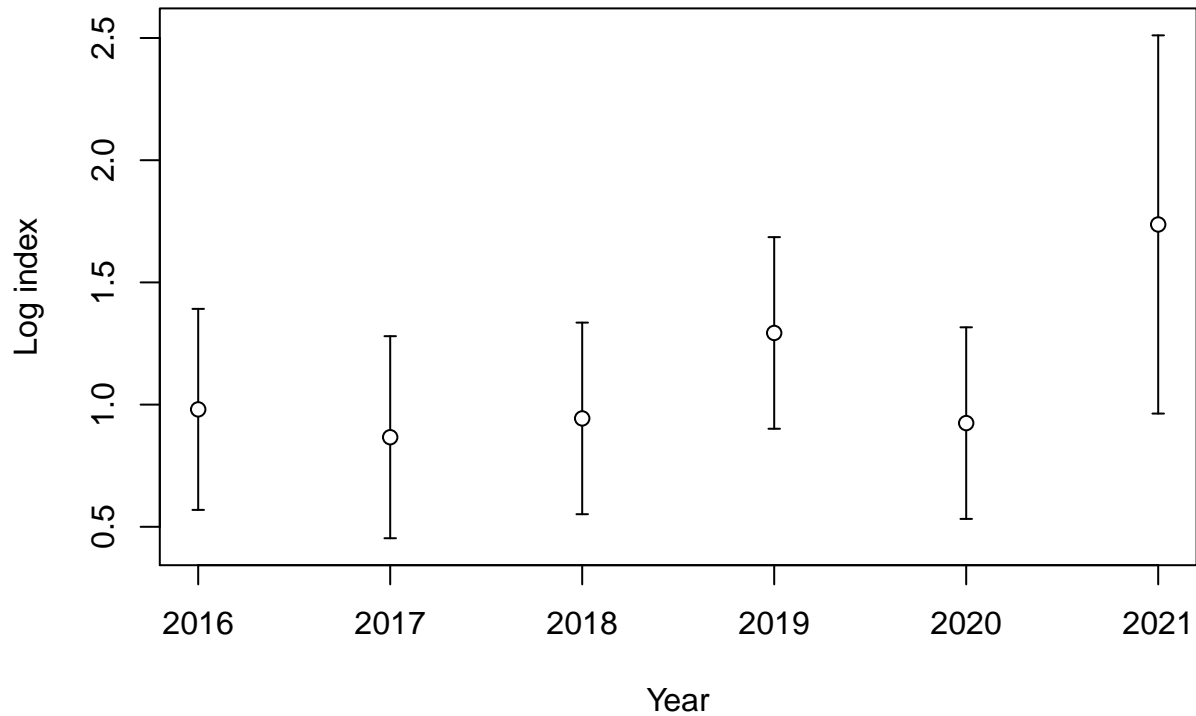


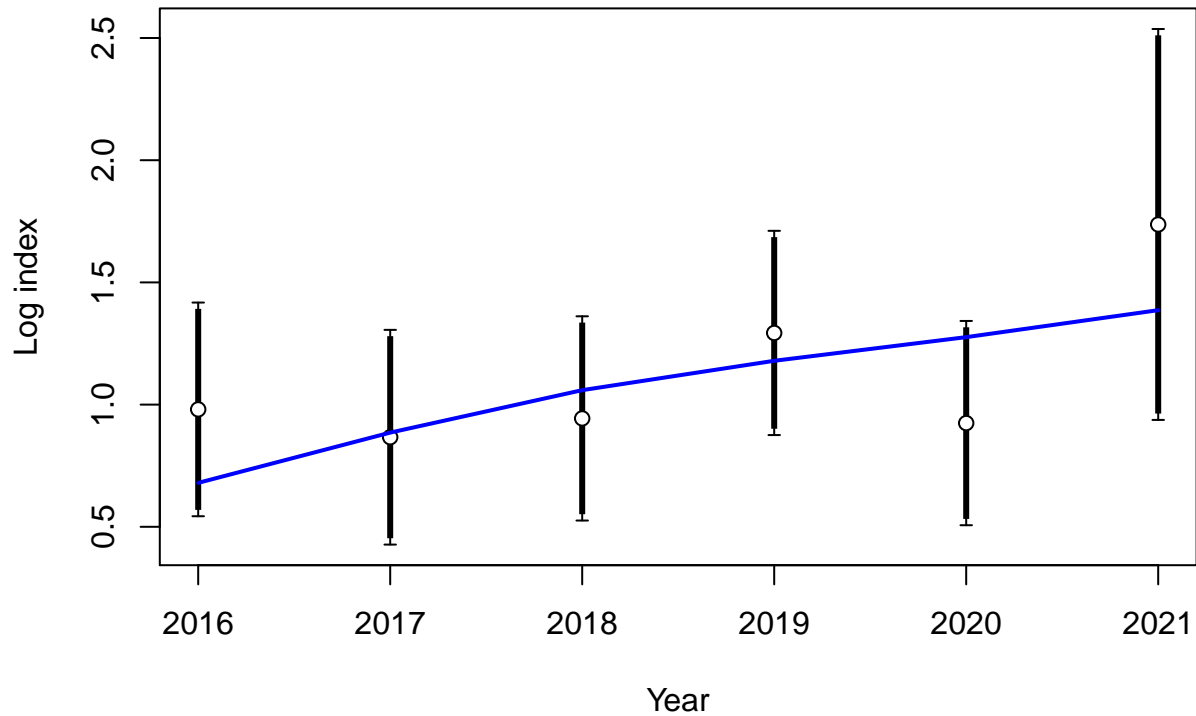
Year

Index

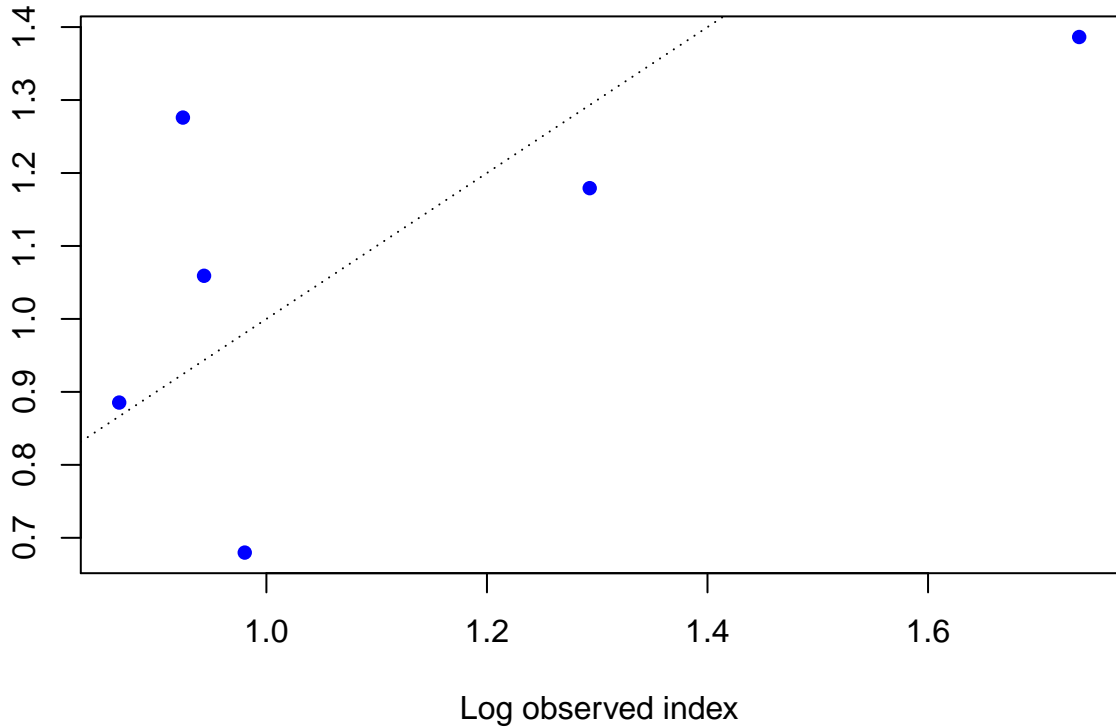


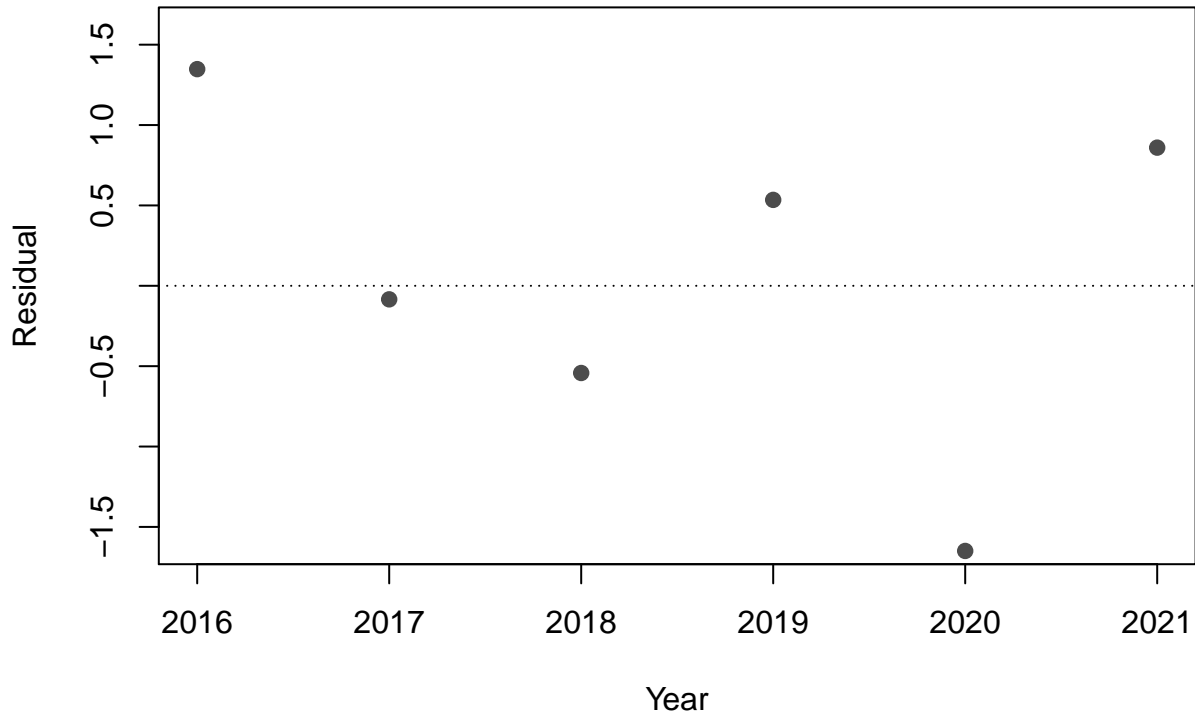




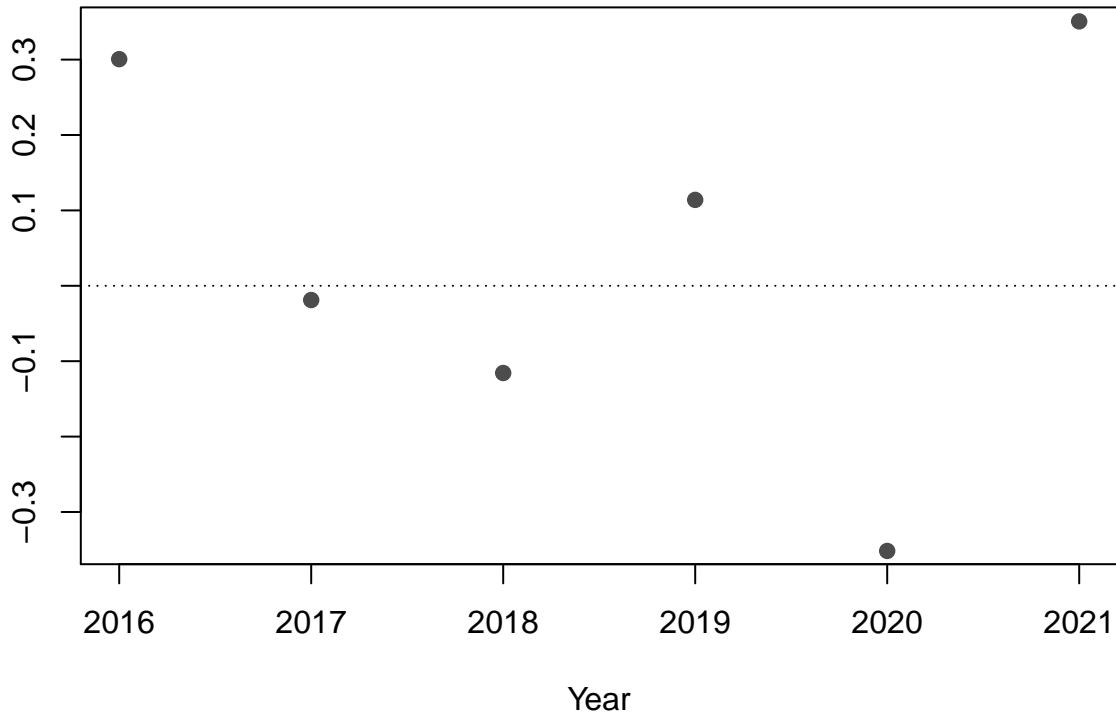


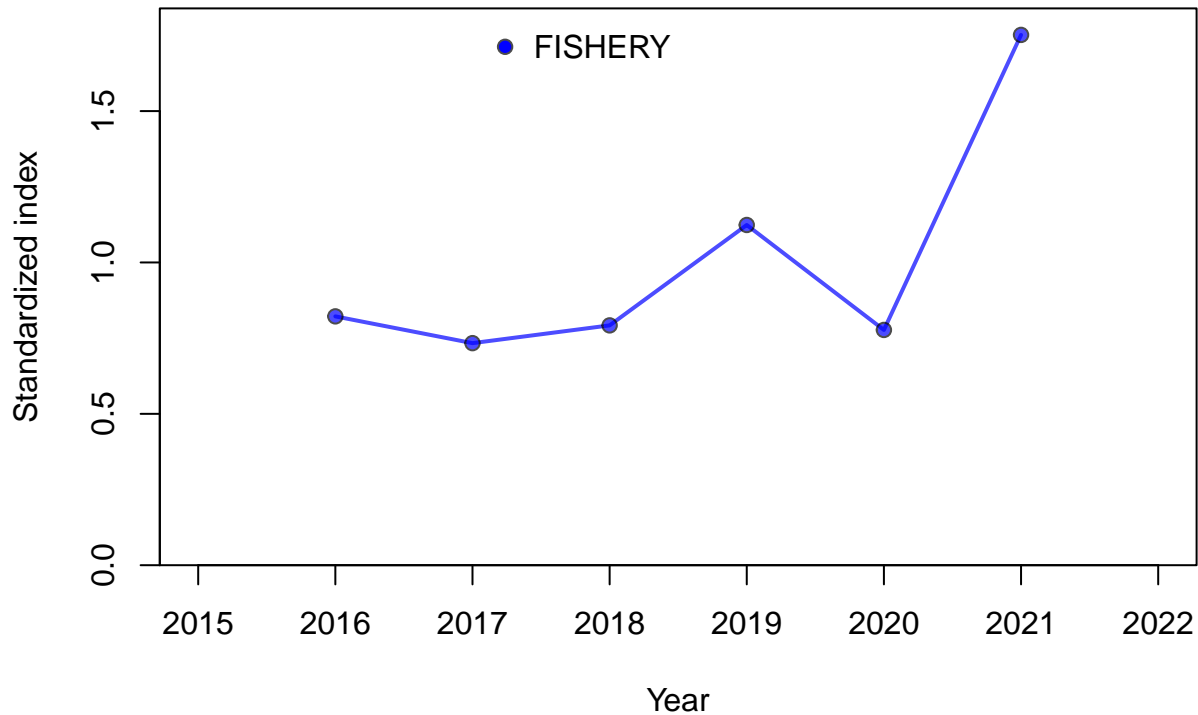
Log expected index

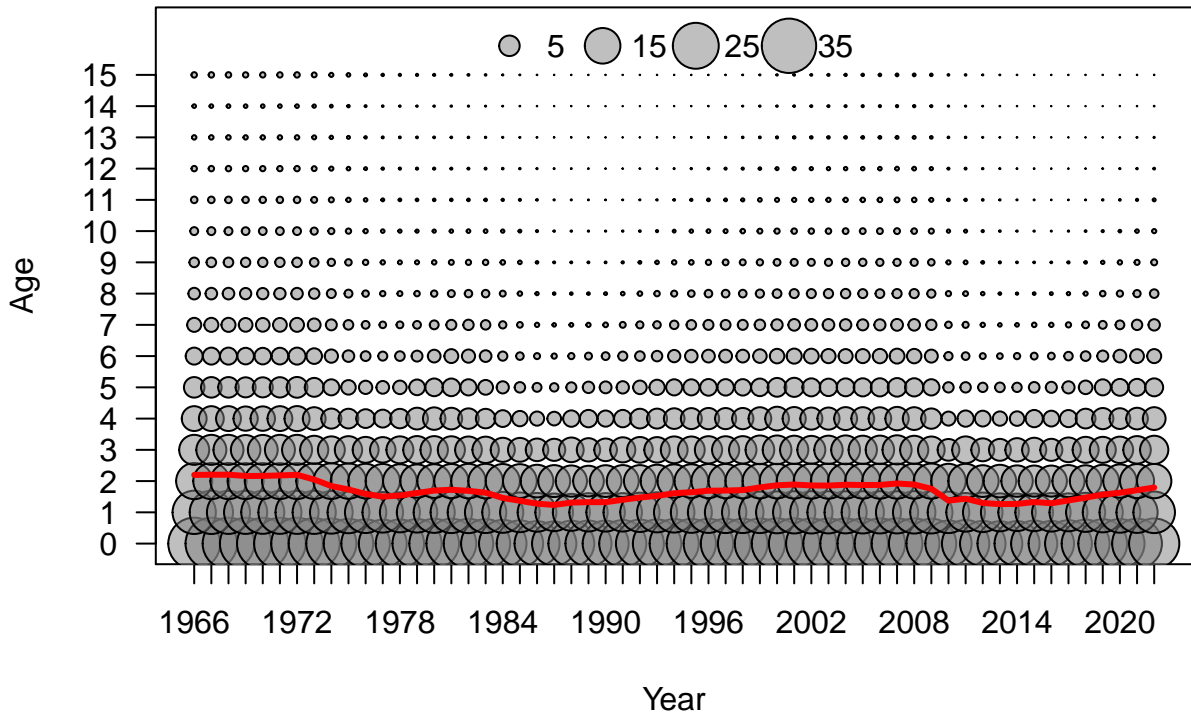


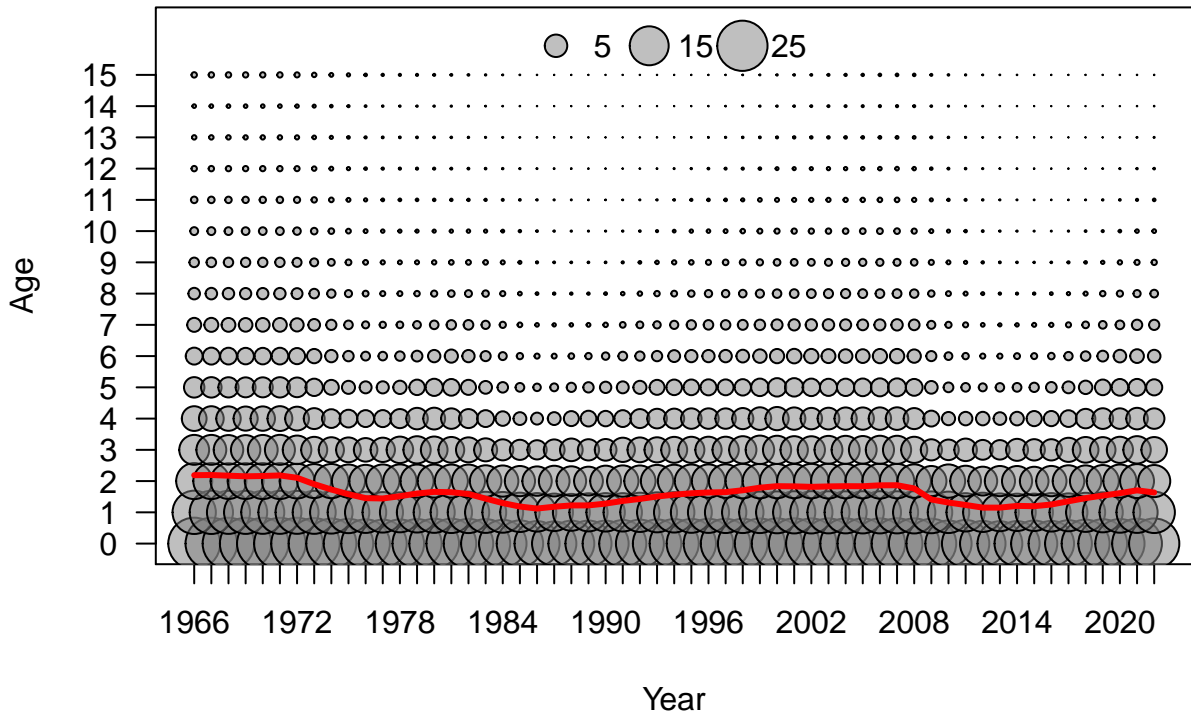


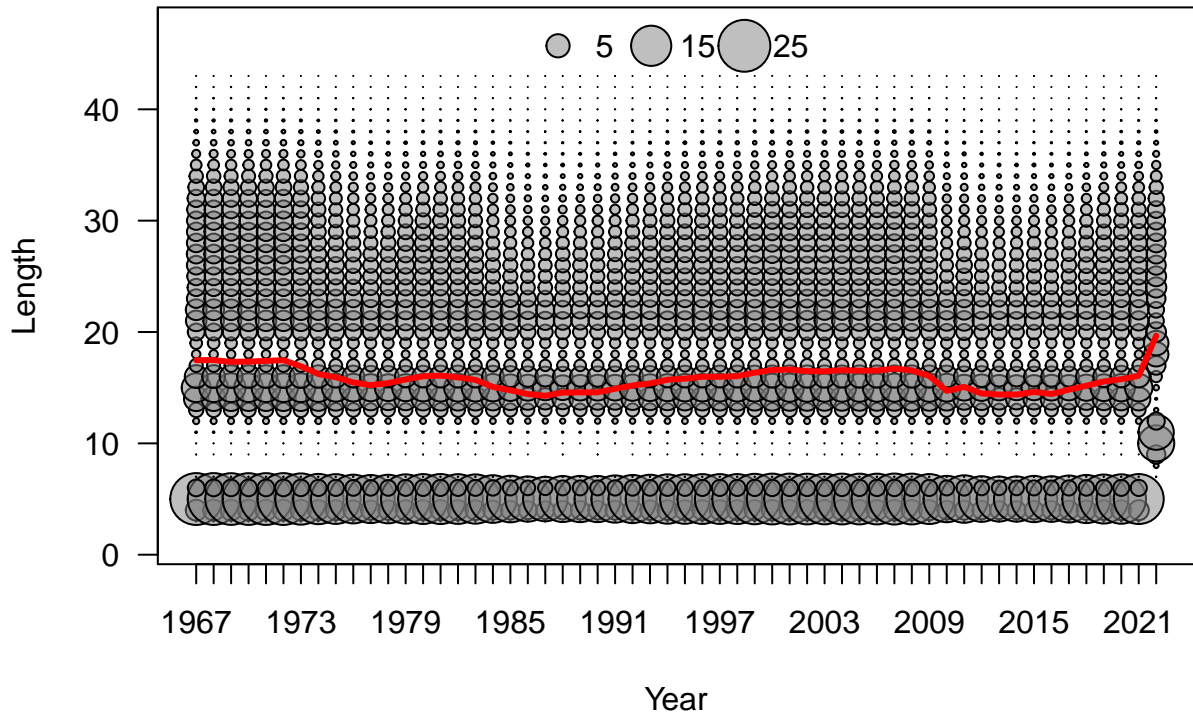
Deviation

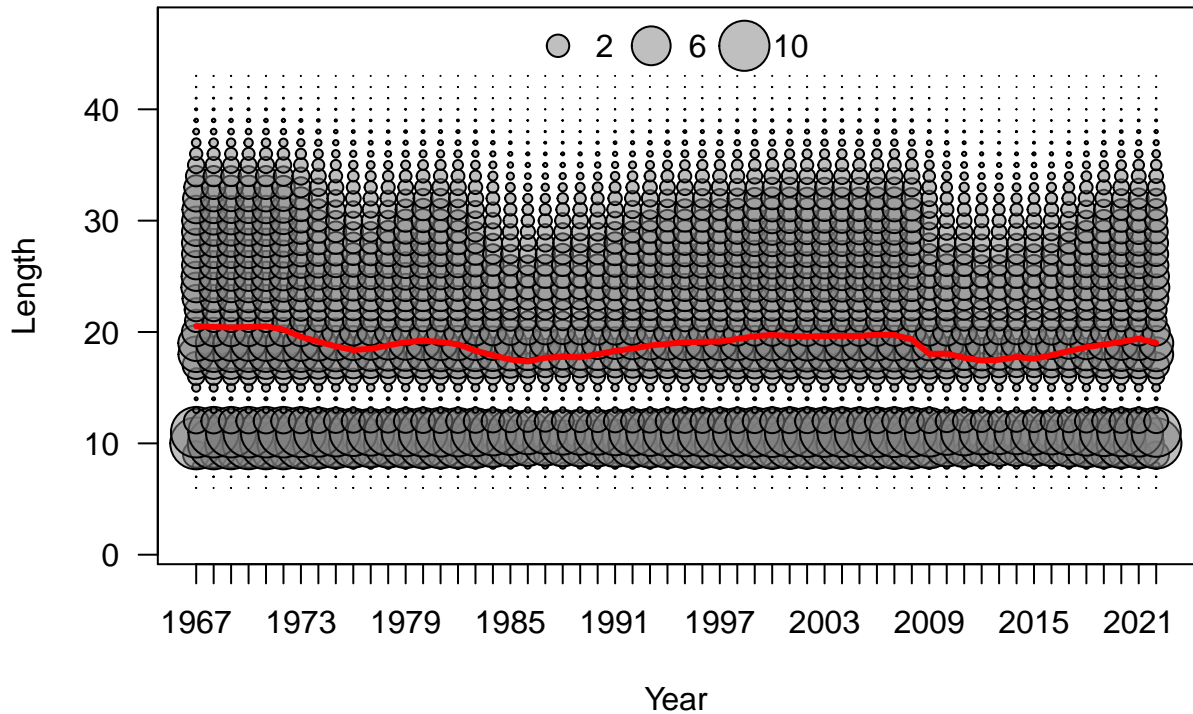


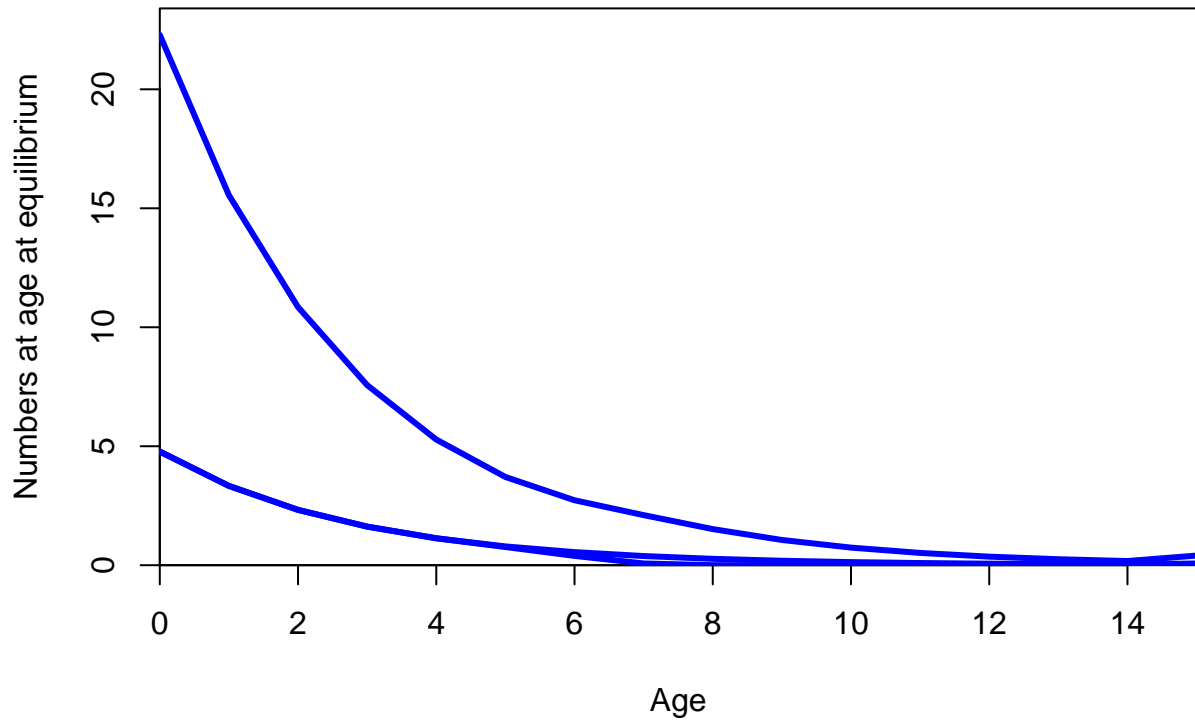






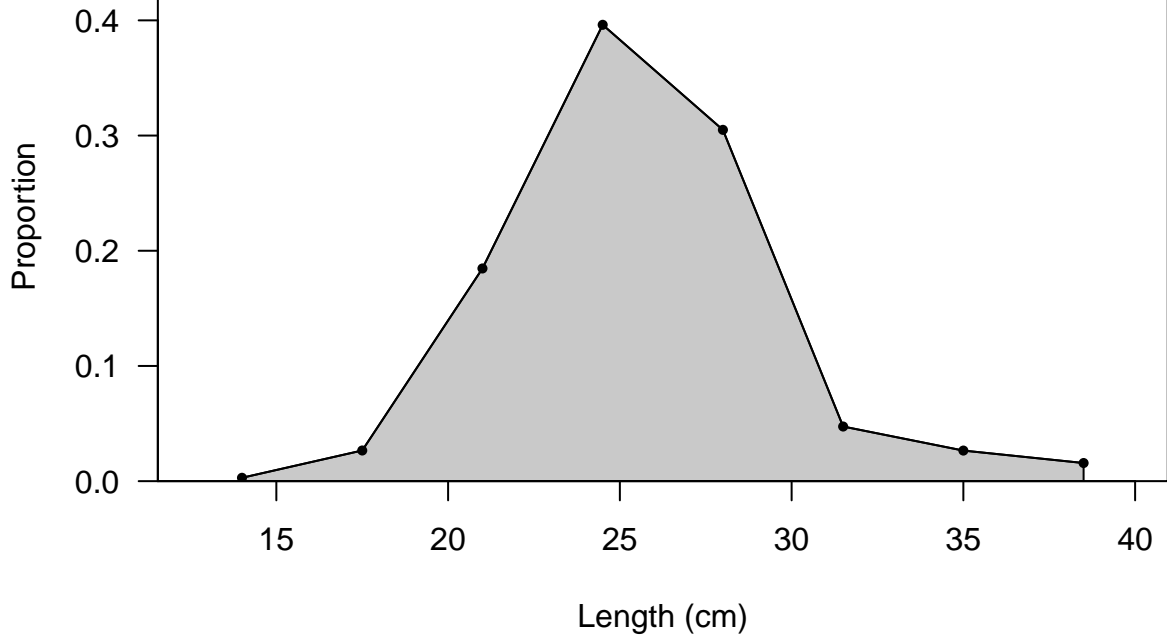


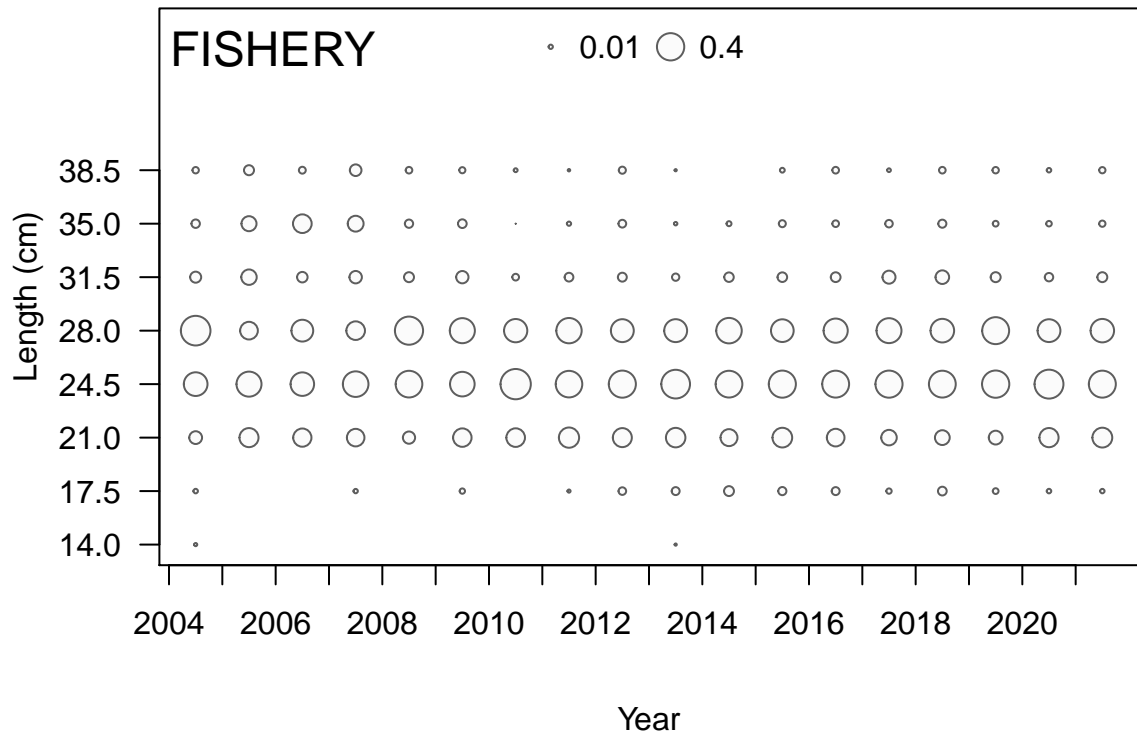




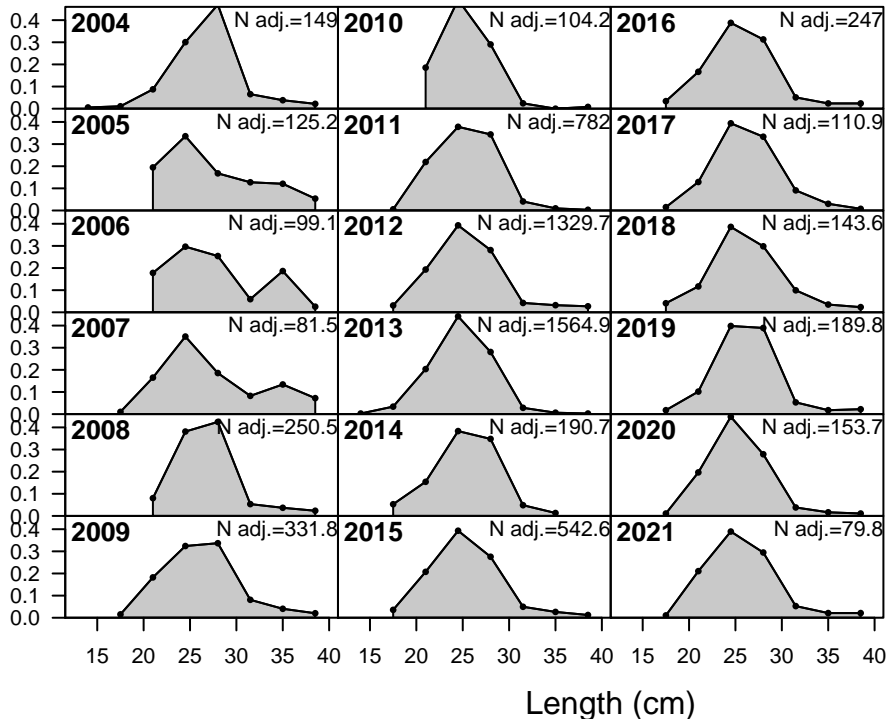
FISHERY

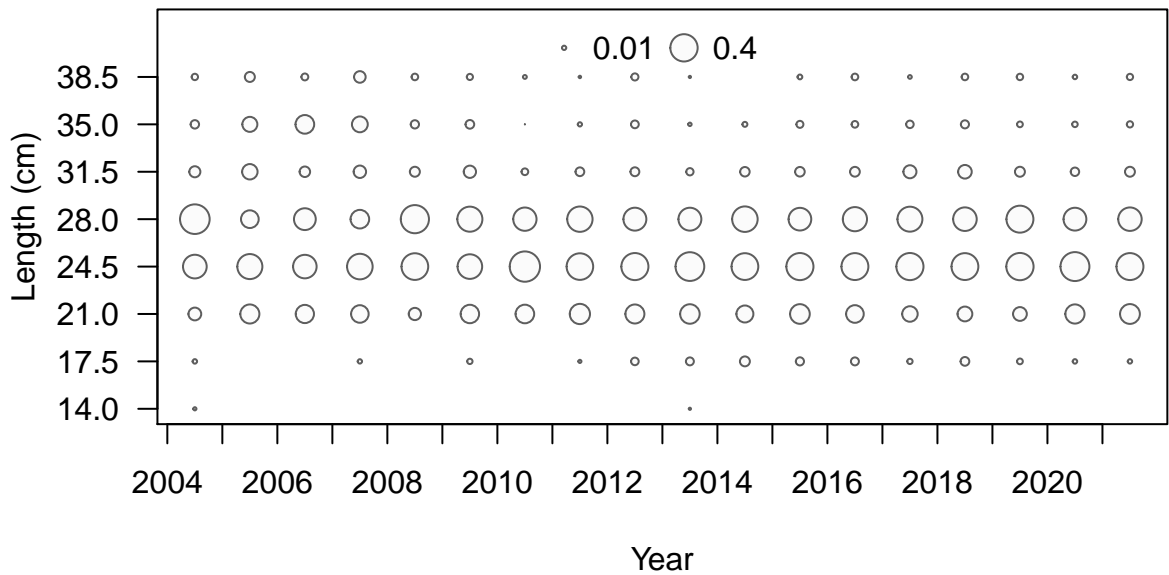
Sum of N adj.=6476



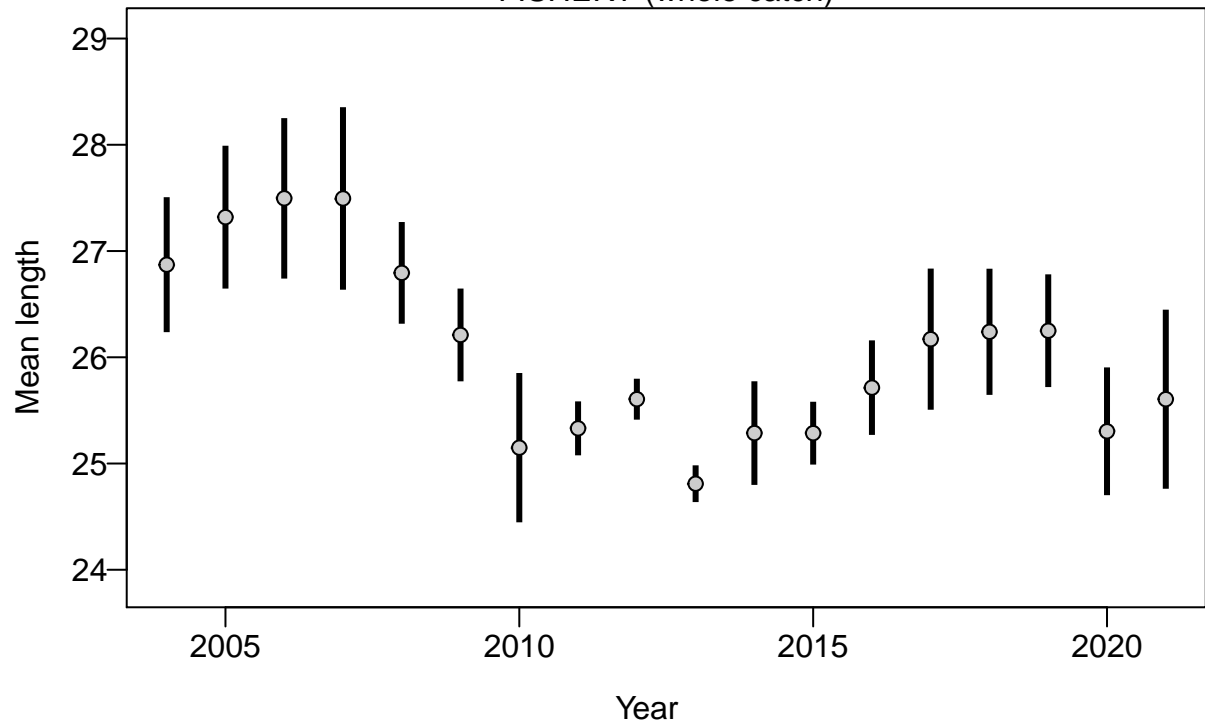


Proportion



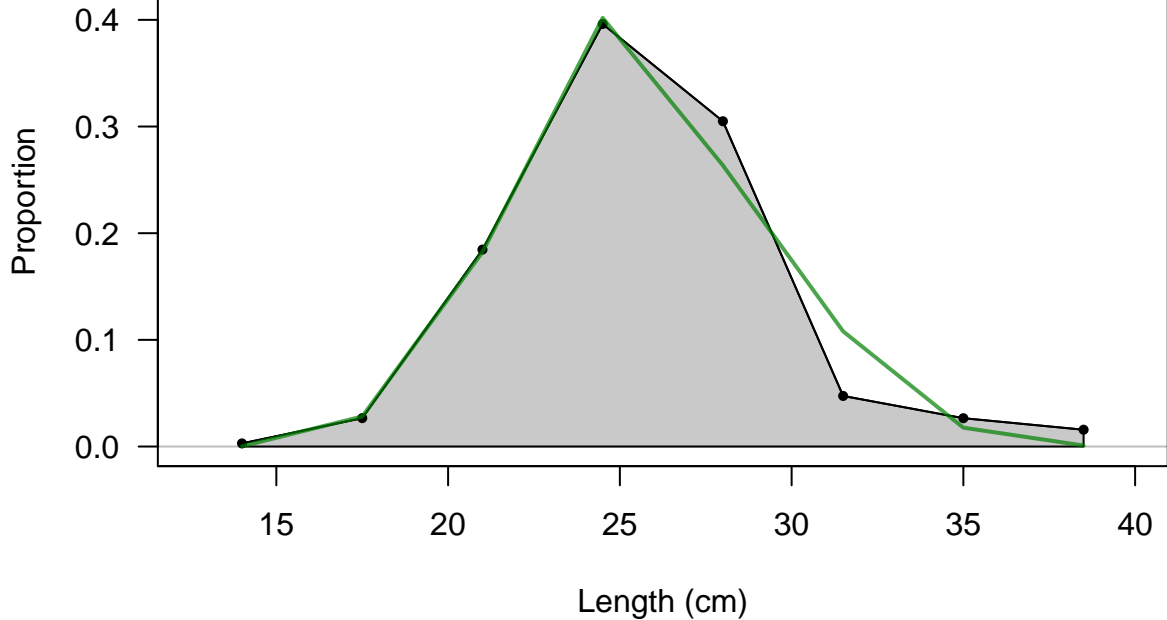


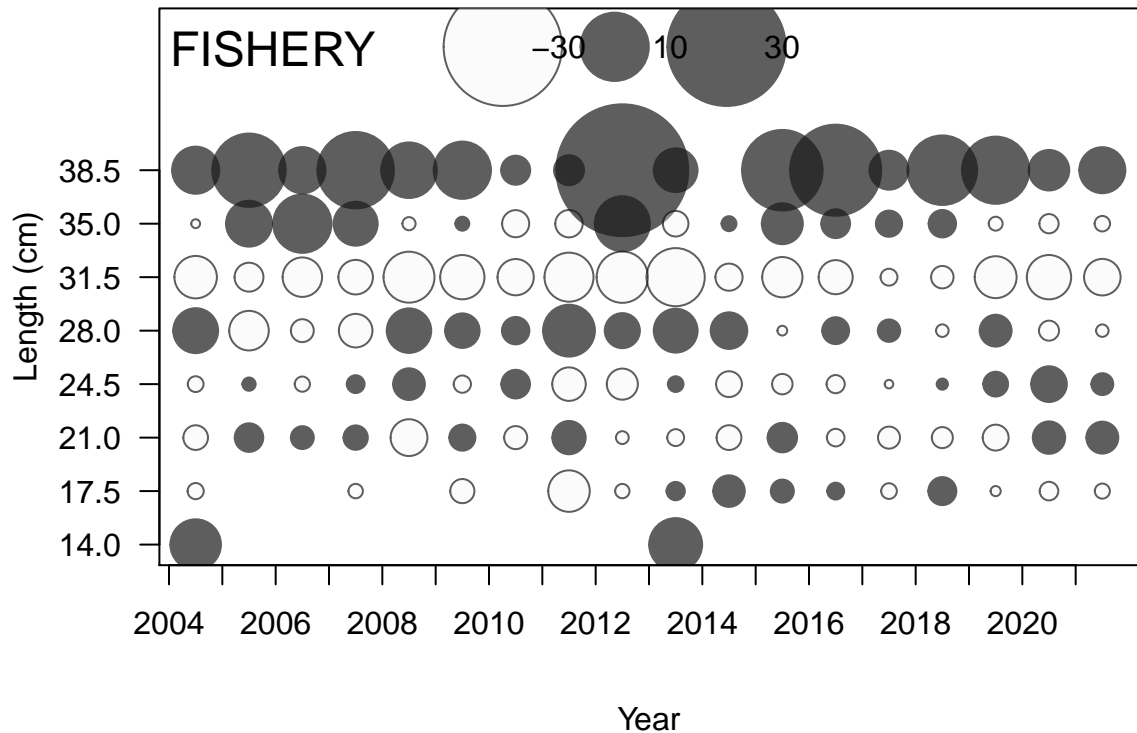
FISHERY (whole catch)



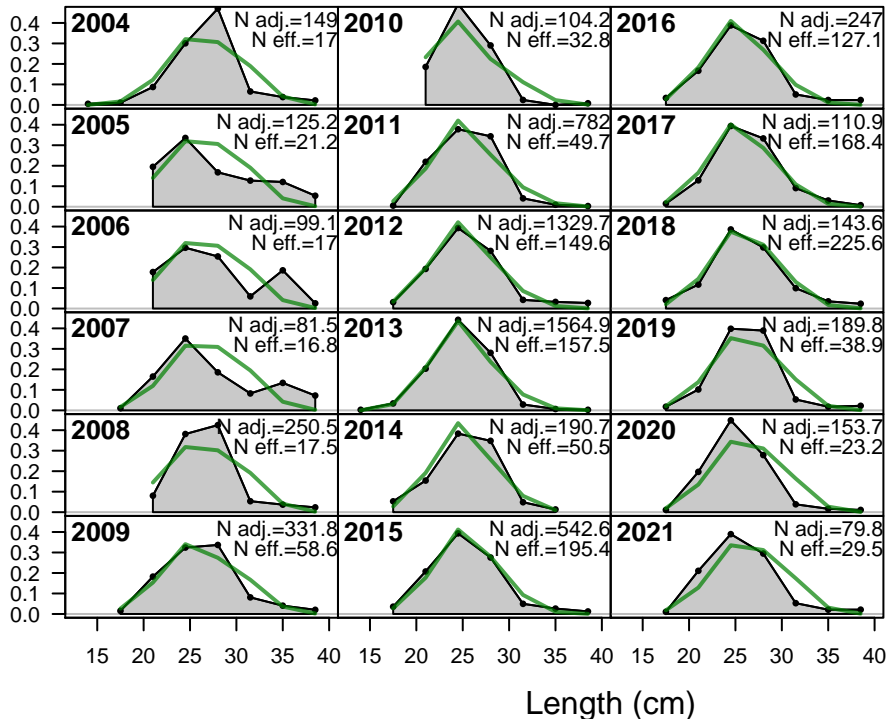
FISHERY

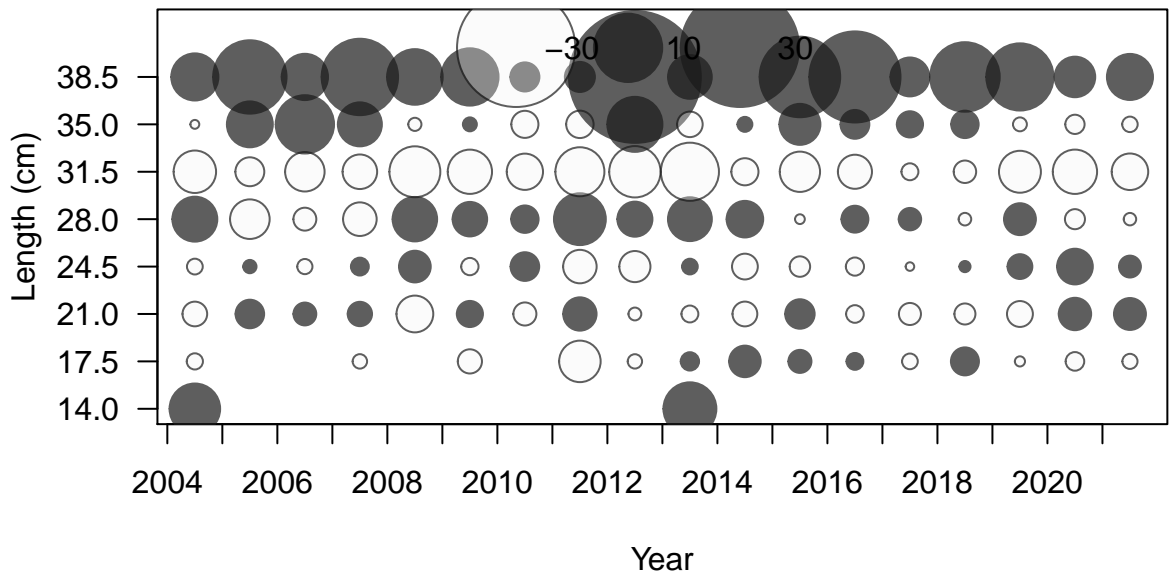
Sum of N adj.=6476
Sum of N eff.=1396.3



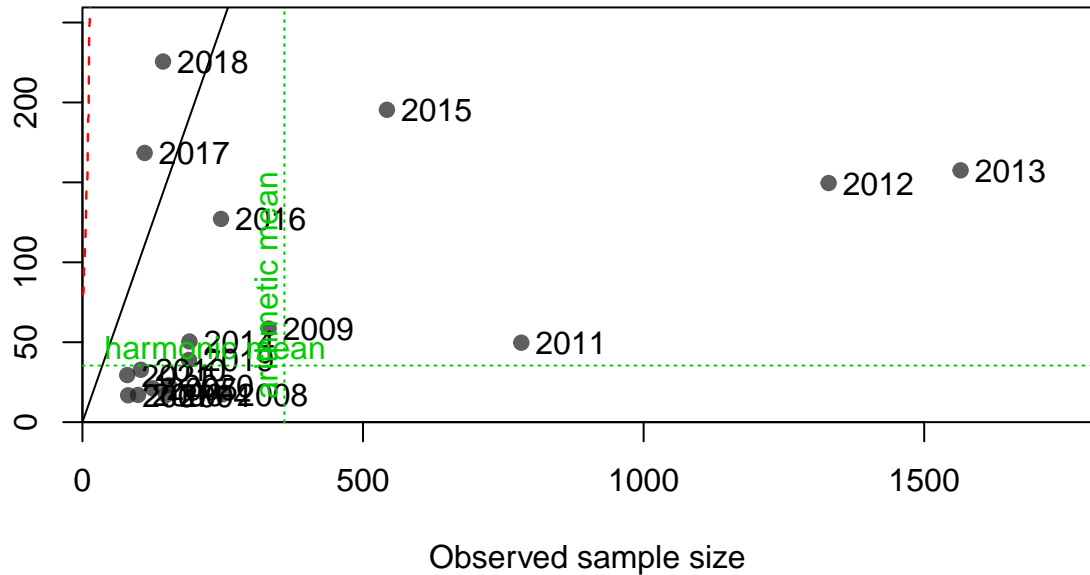


Proportion

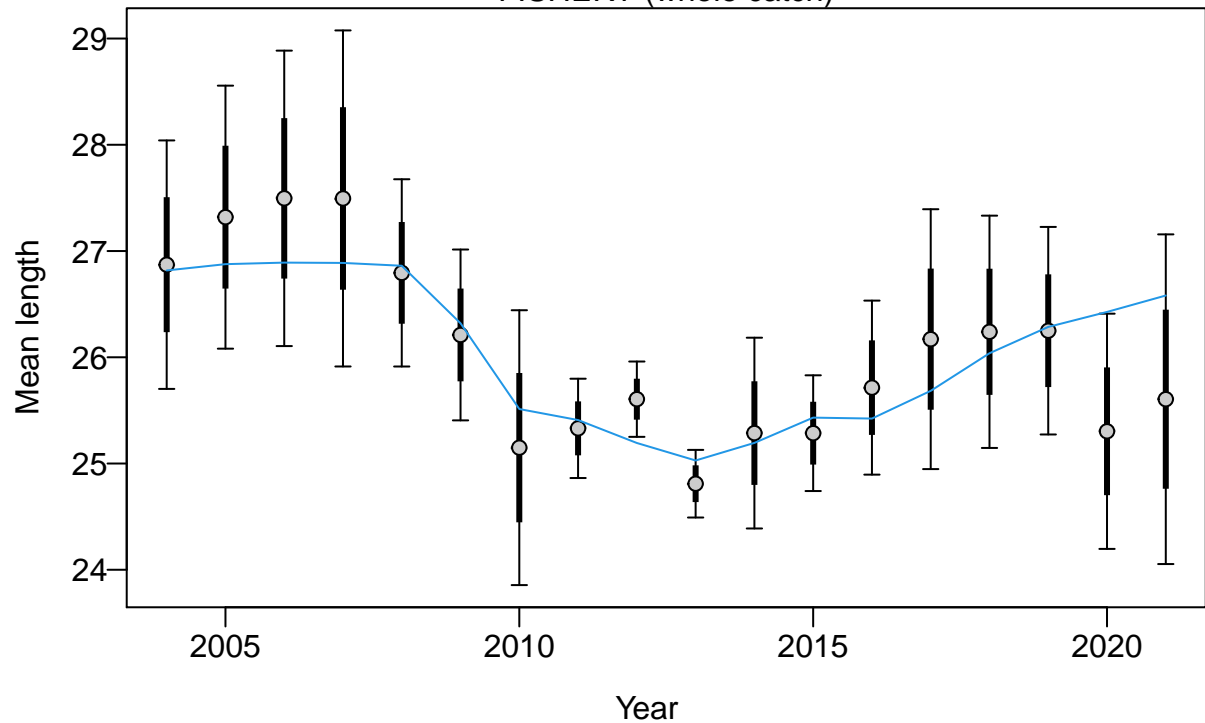


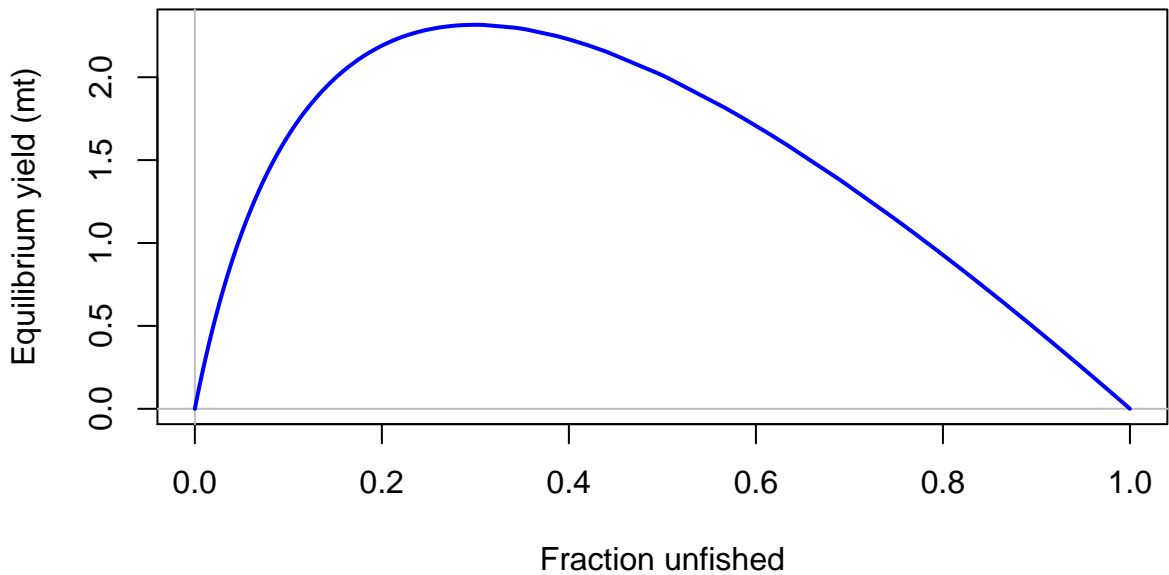


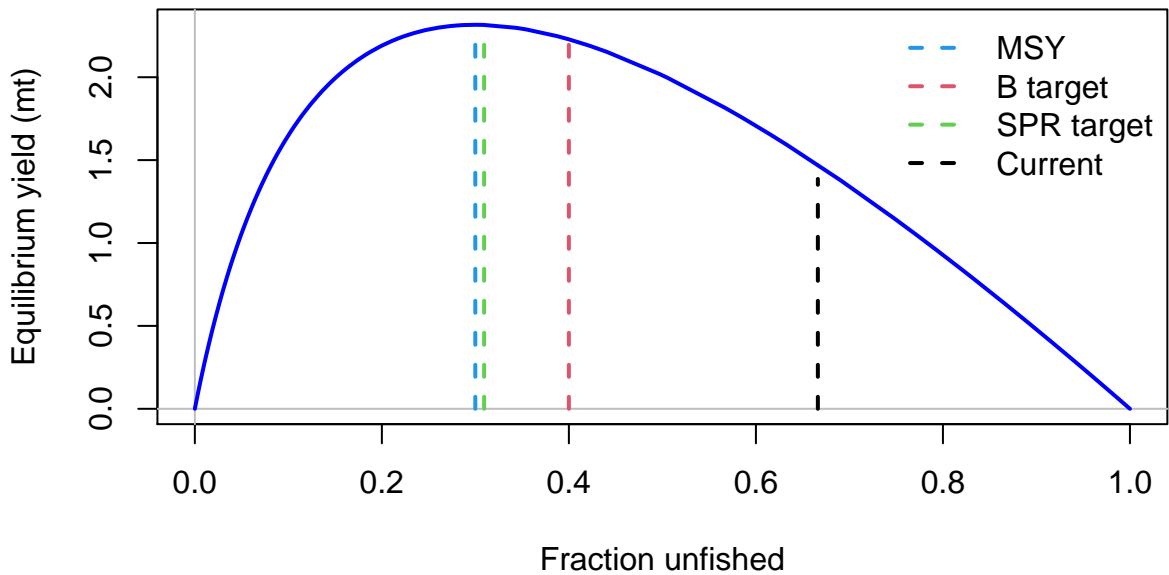
Effective sample size

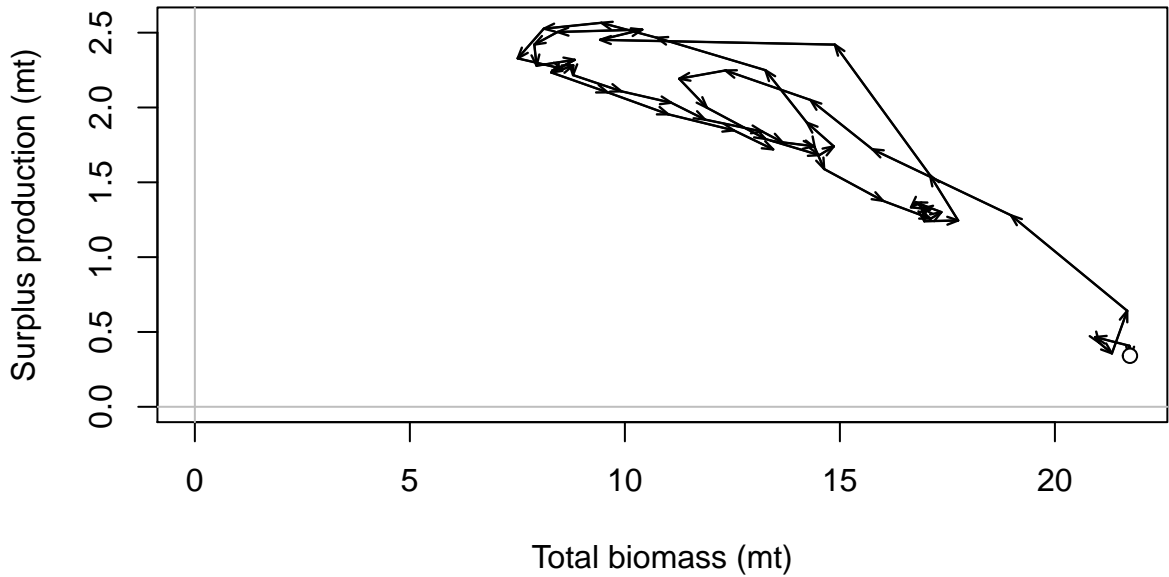


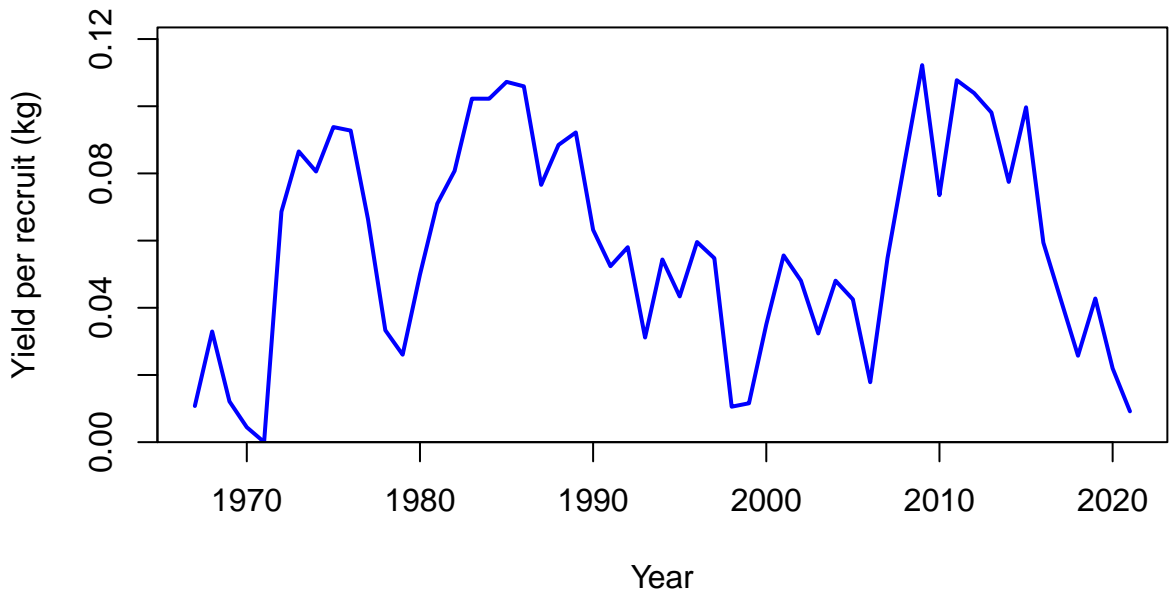
FISHERY (whole catch)

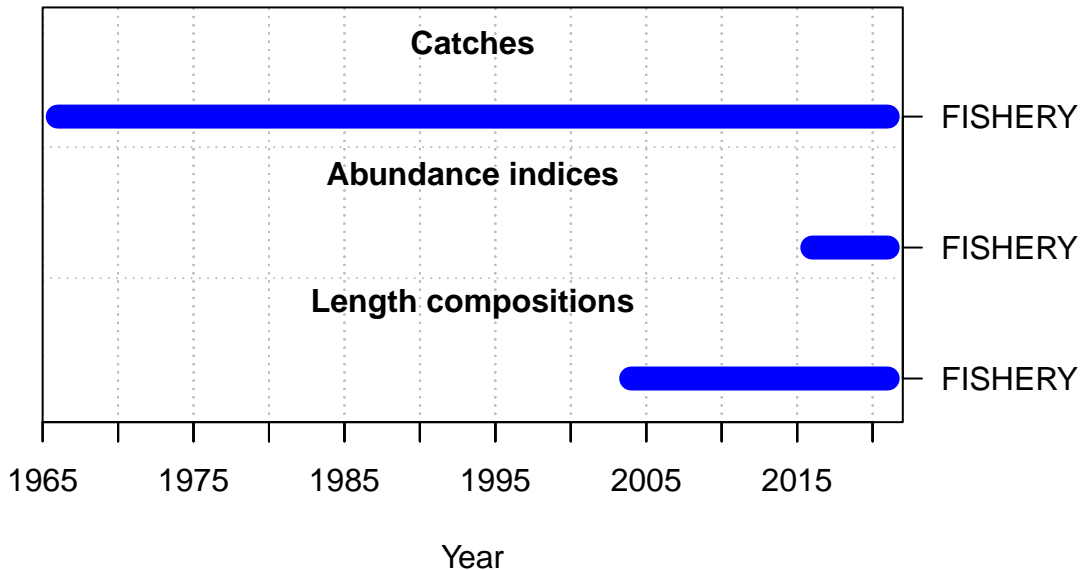


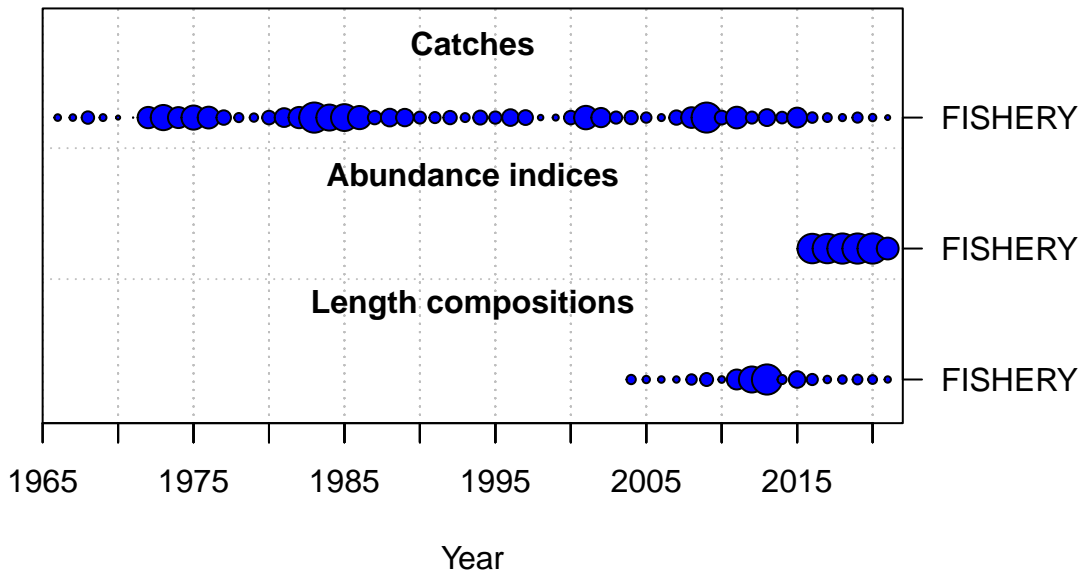




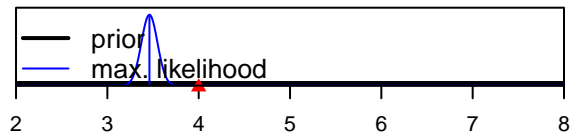




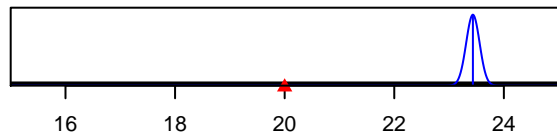




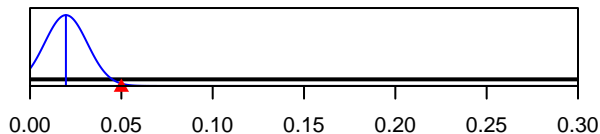
SR_LN(R0)



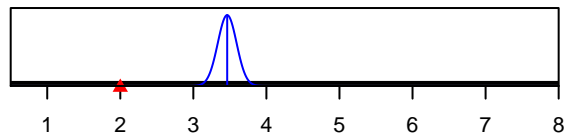
Size_inflection_FISHERY(1)



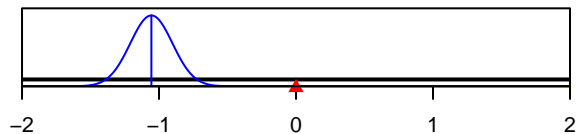
InitF_seas_1_flt_1FISHERY



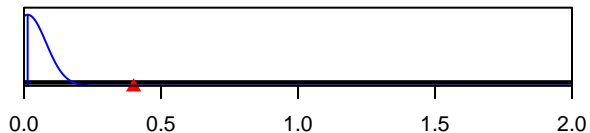
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



Q_extraSD_FISHERY(1)



Parameter value