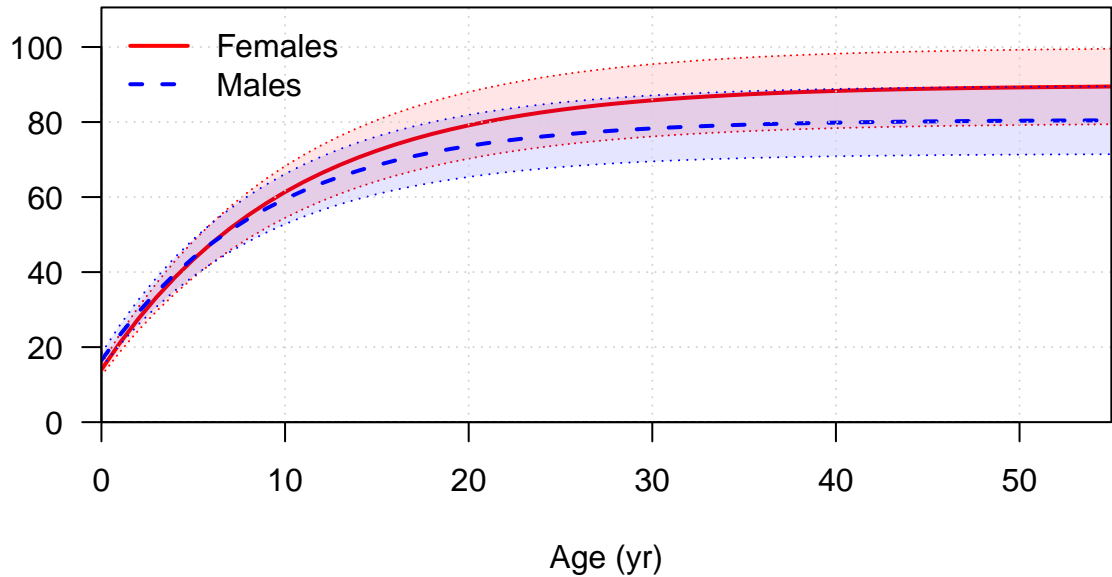
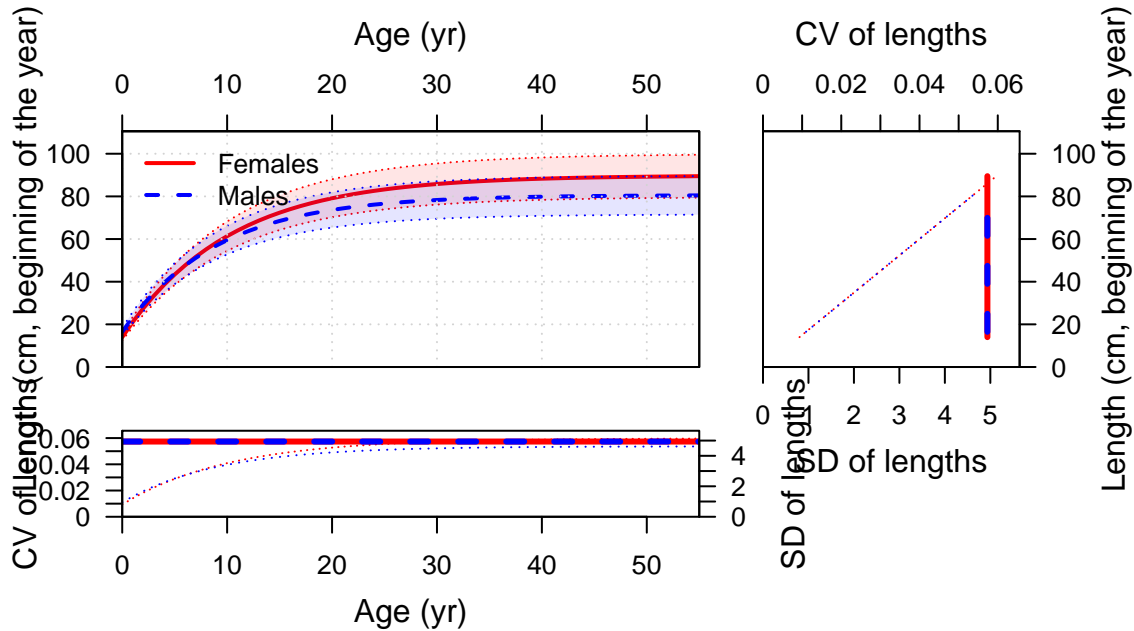
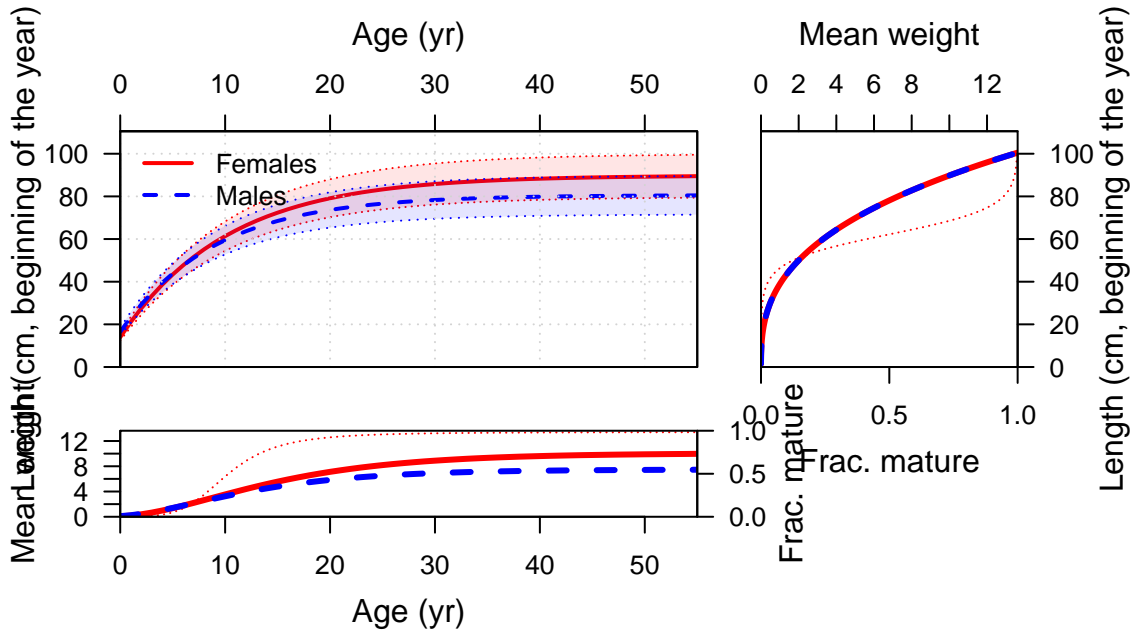


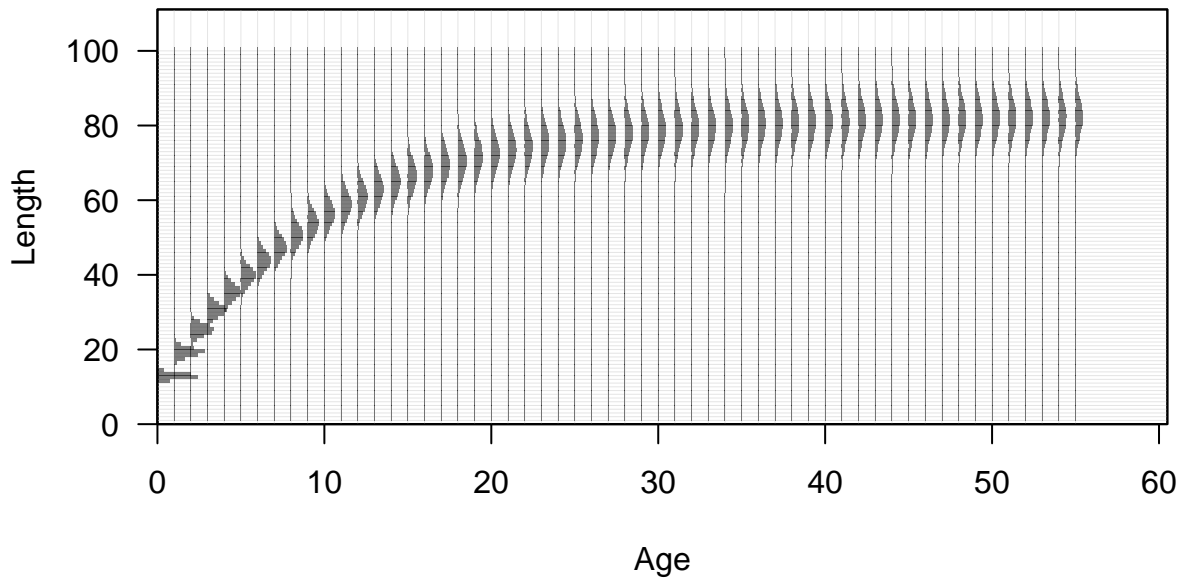
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Mon Sep 26 12:22:14 2022  
Data\_File: data.ss  
Control\_File: control.ss

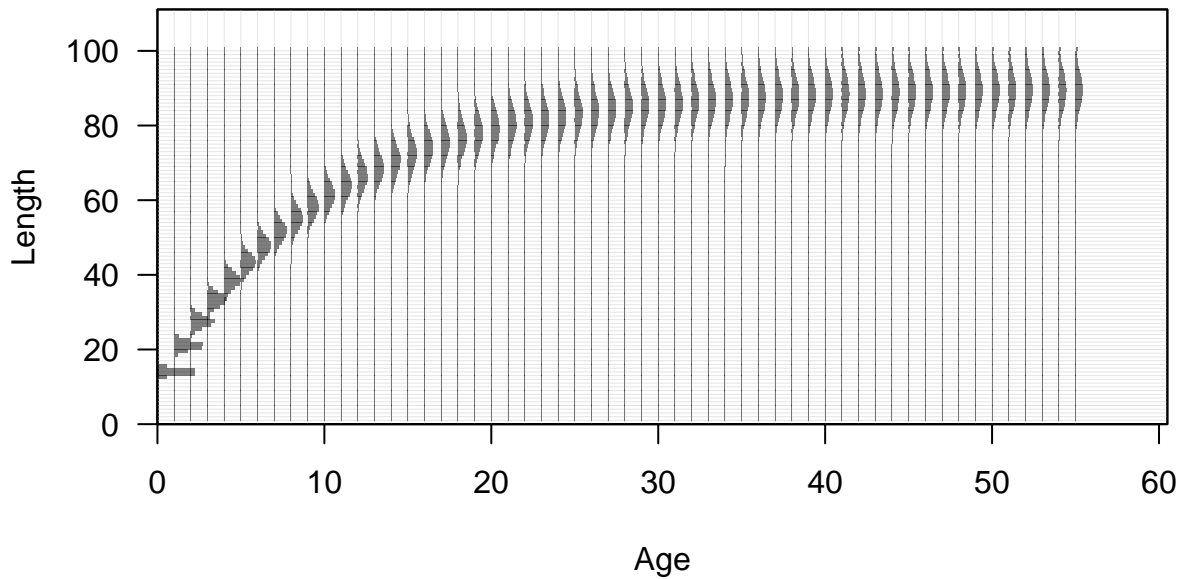
Length (cm, beginning of the year)

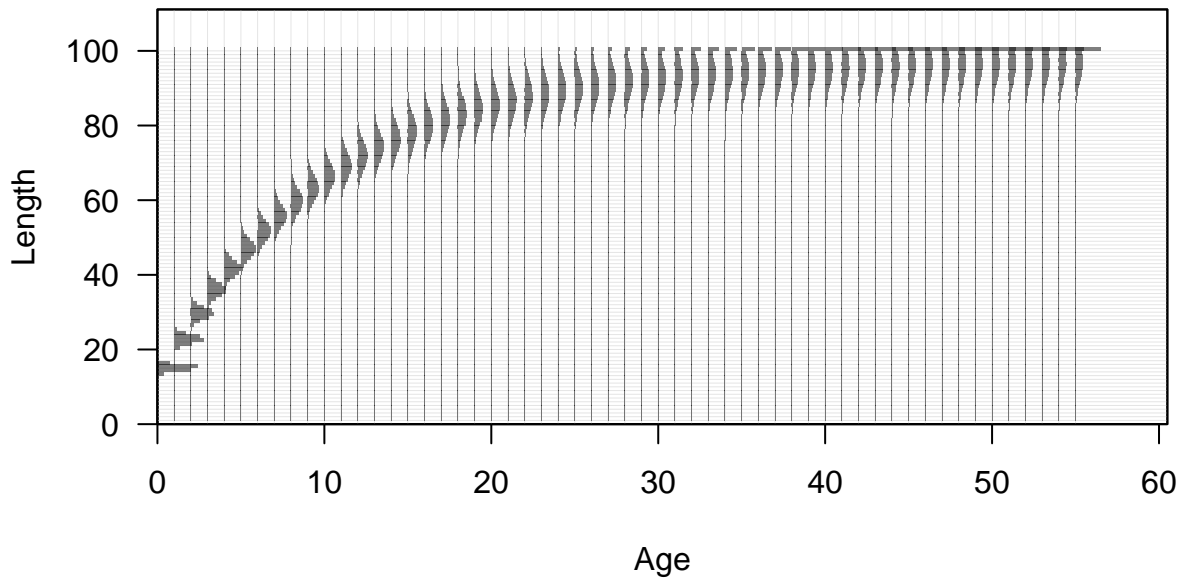


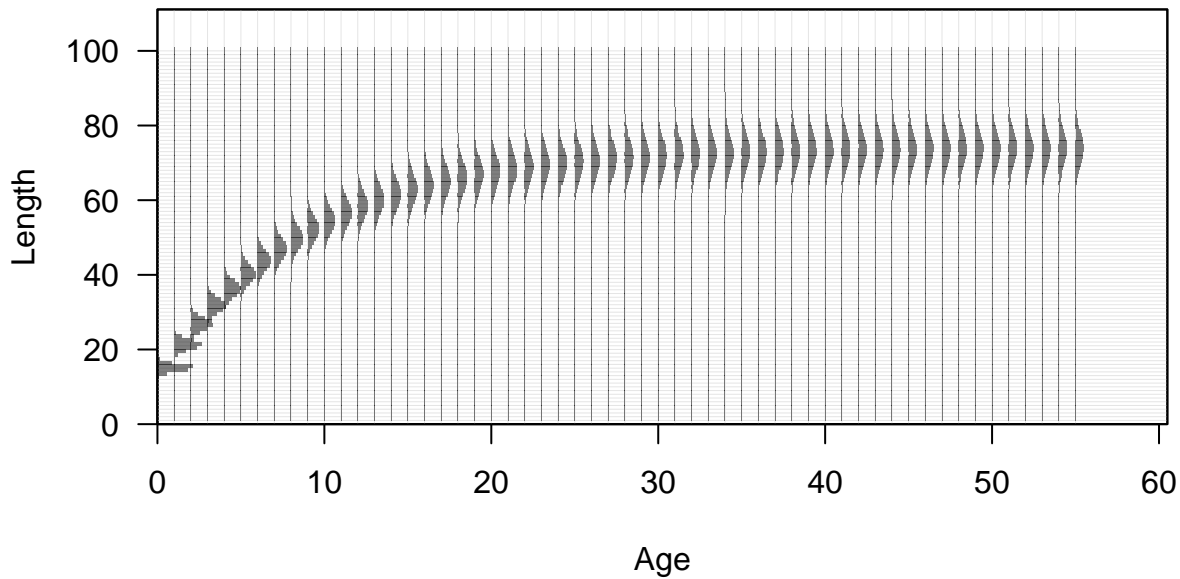




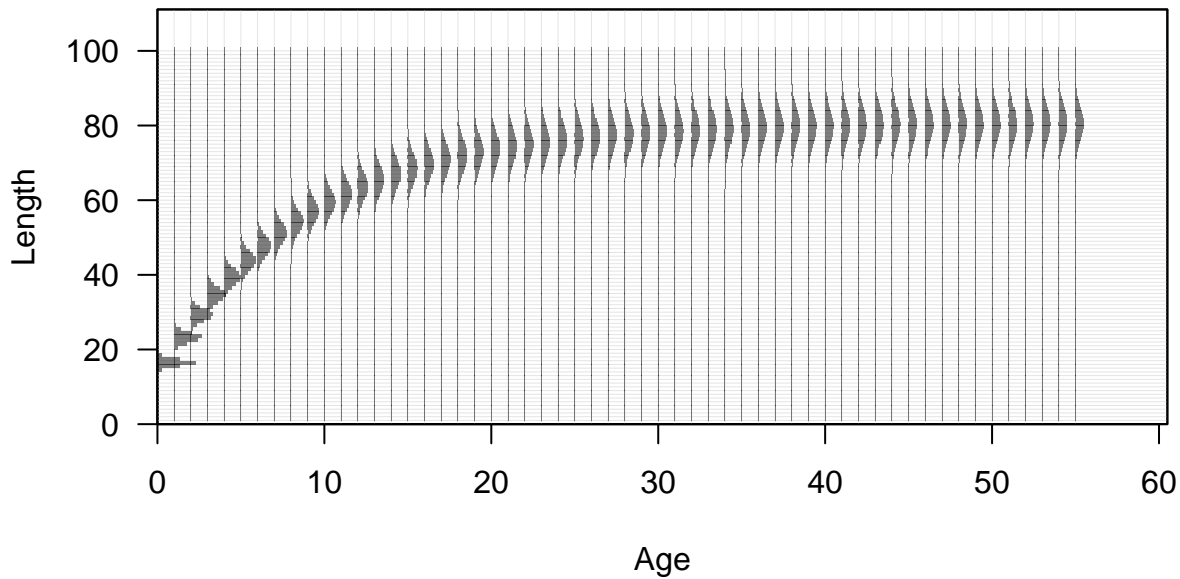


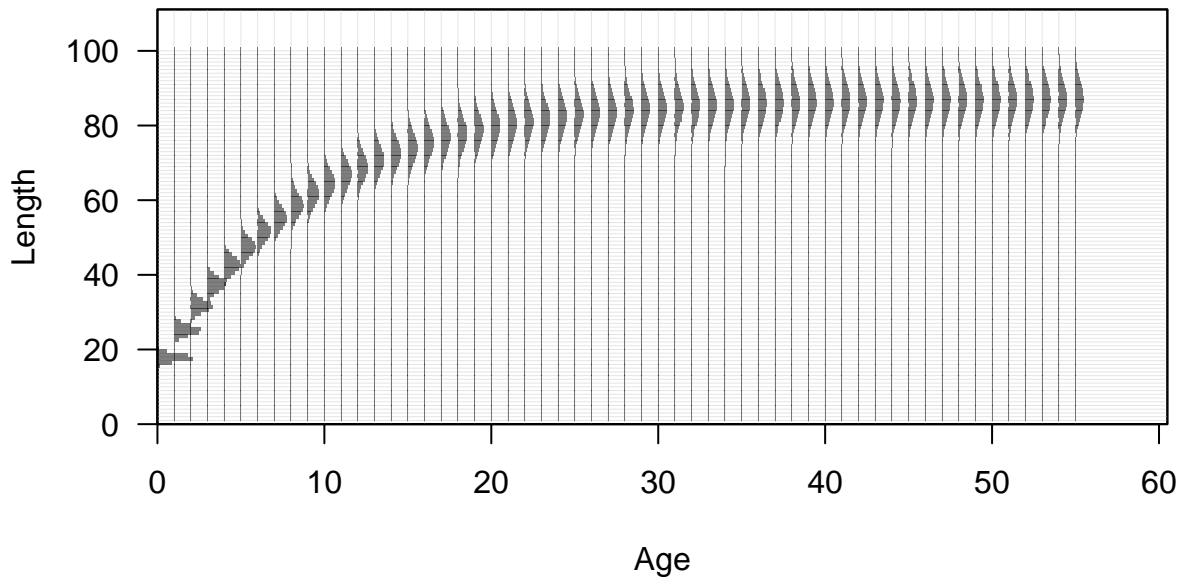


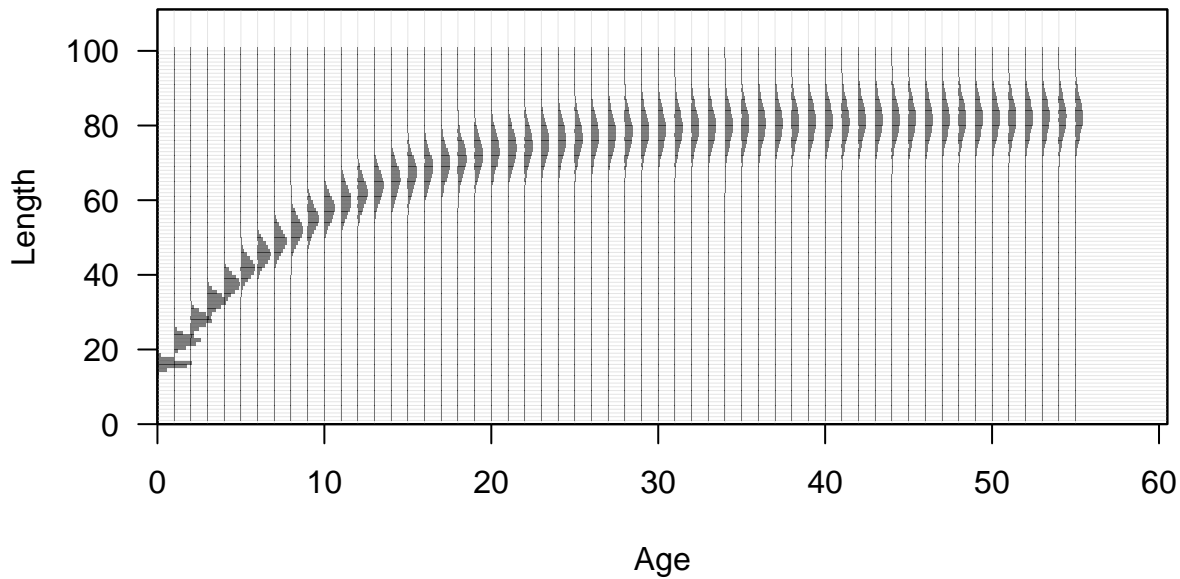


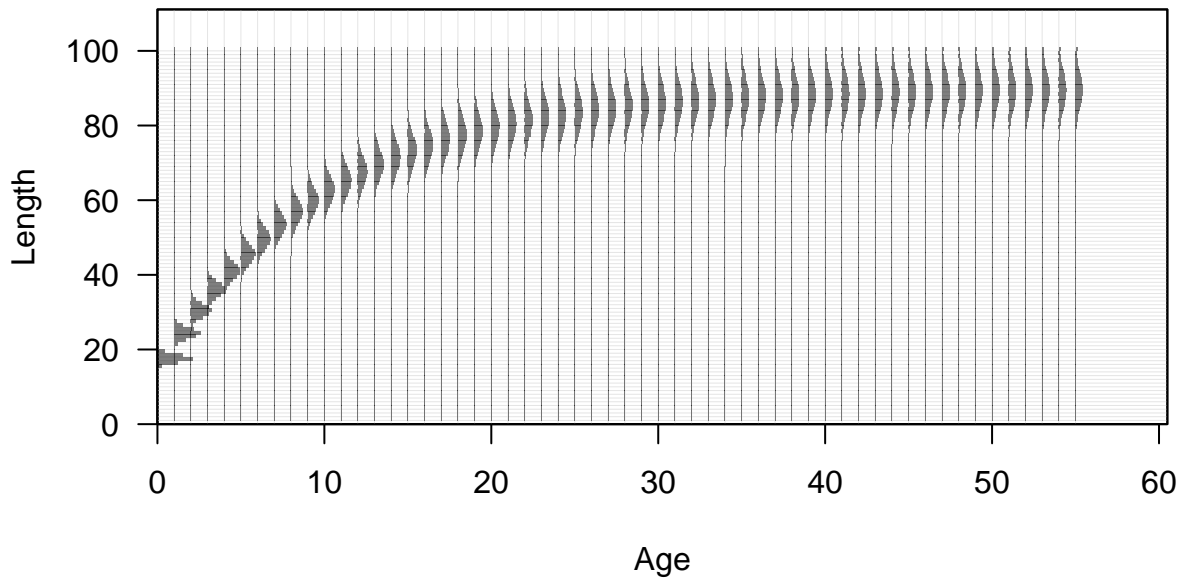


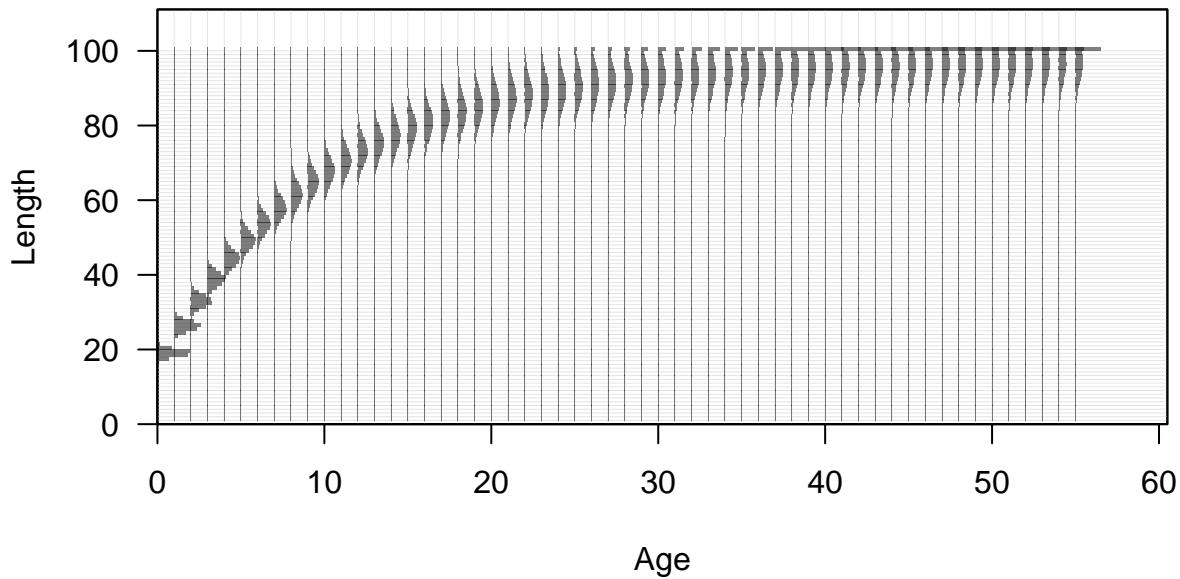


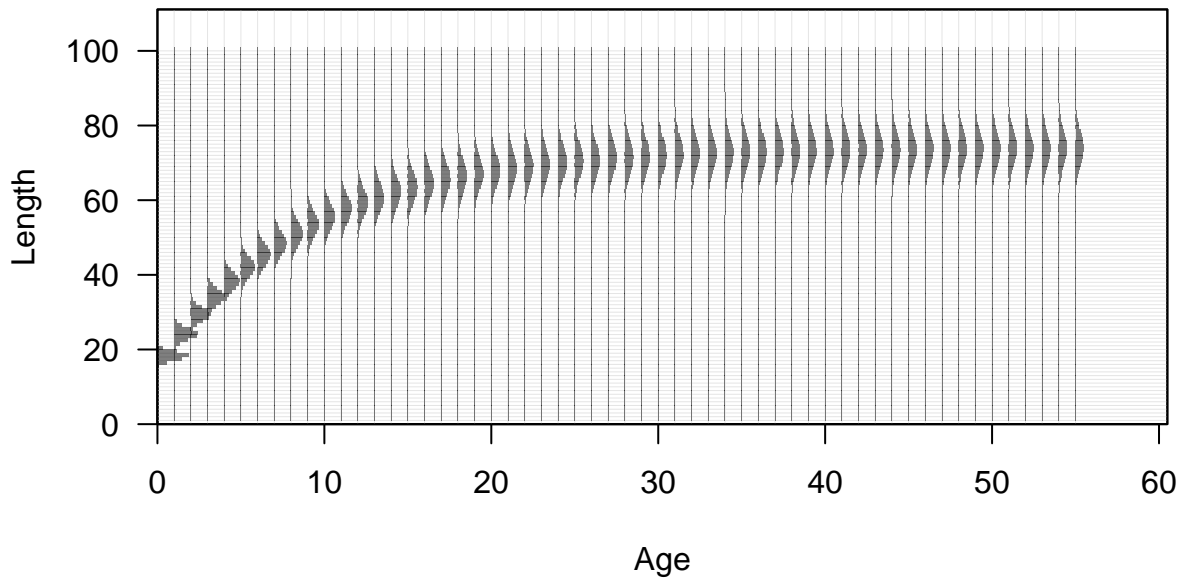


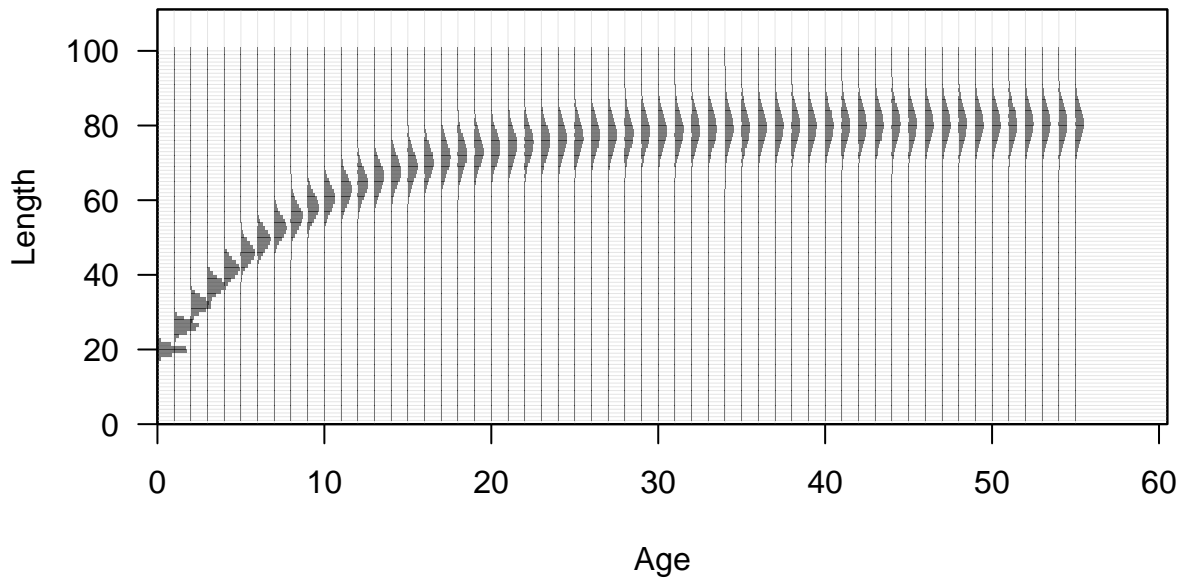


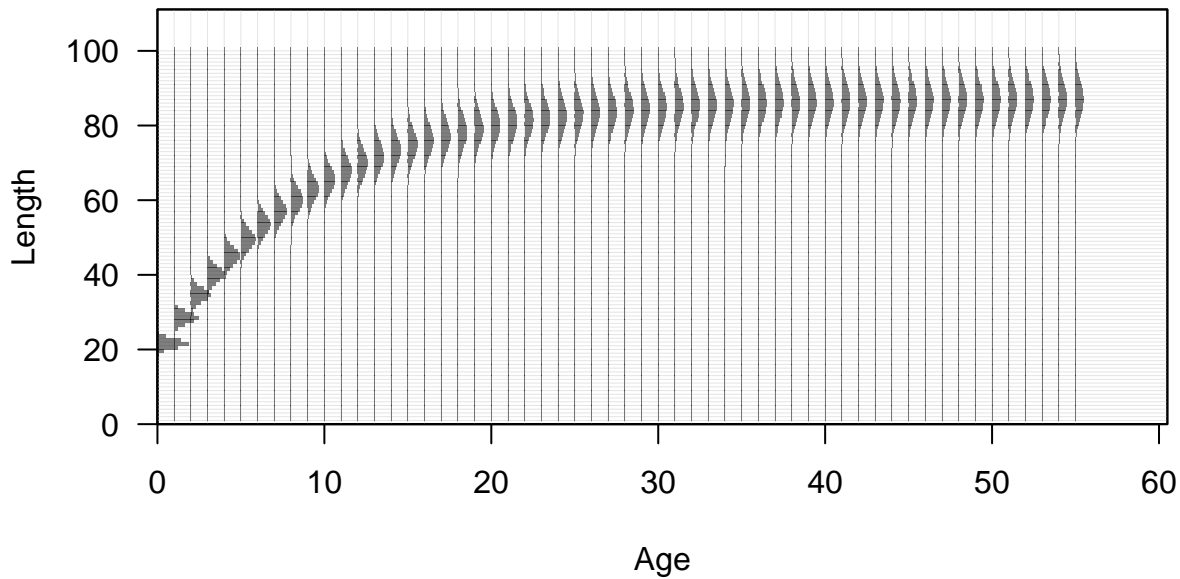






















Fecundity



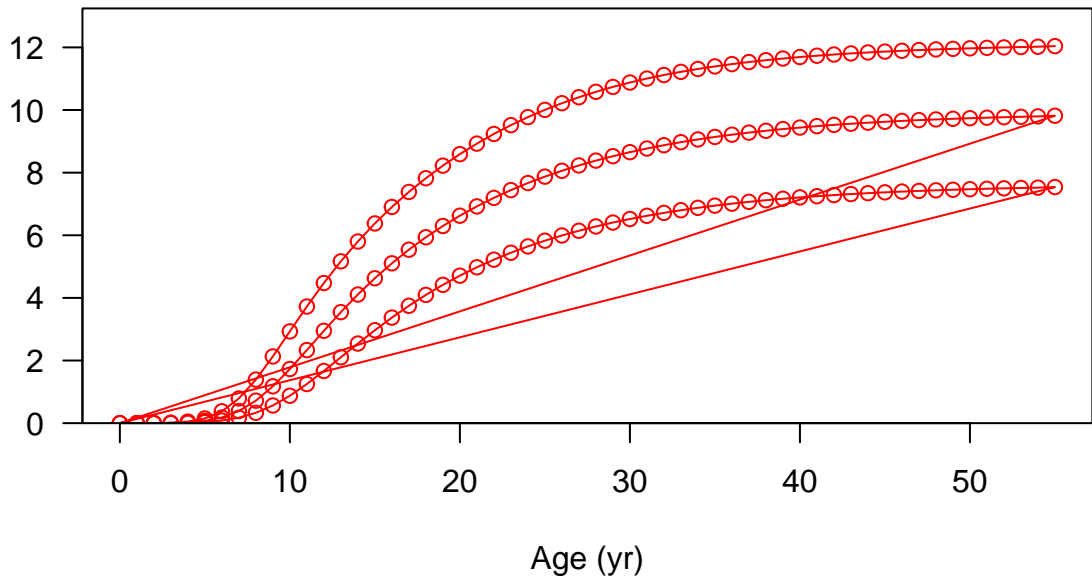
Fecundity



Spawning output

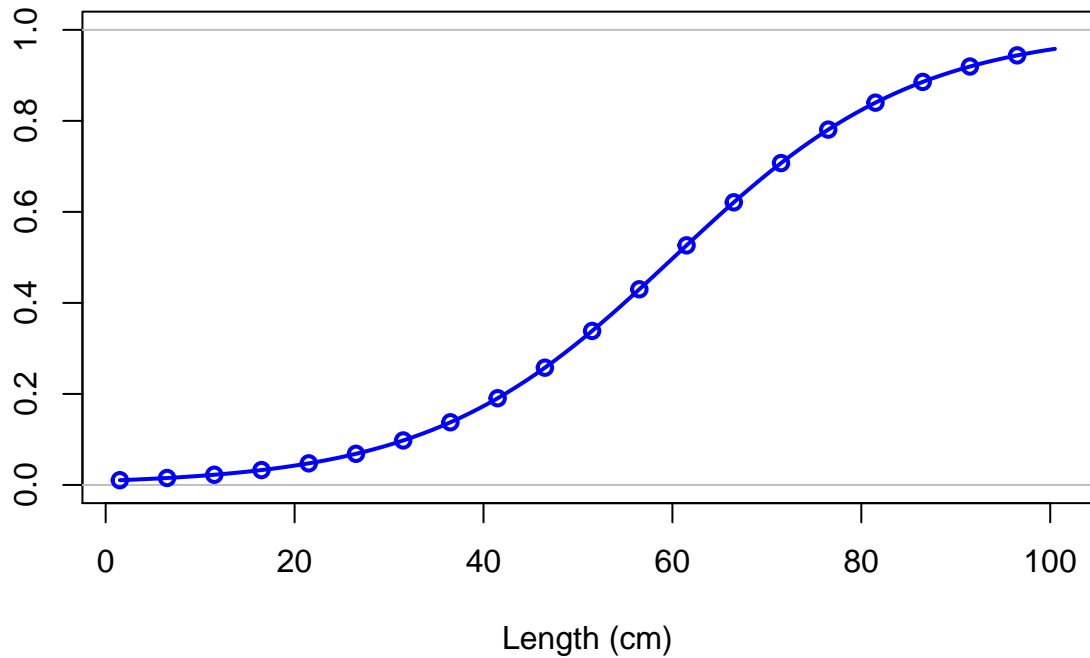


Spawning output

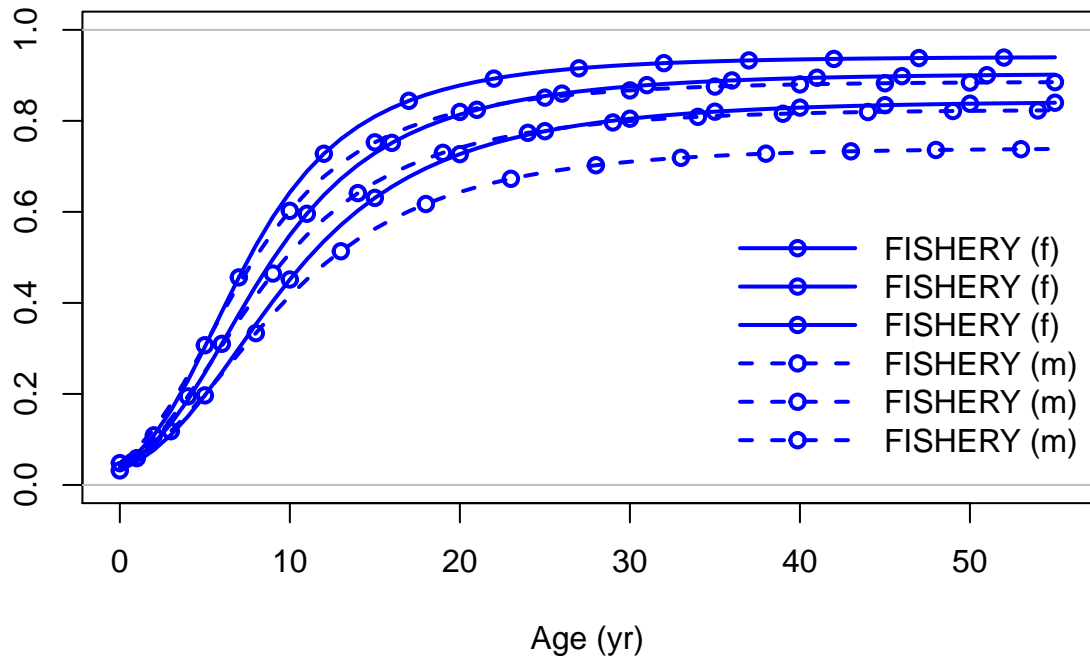




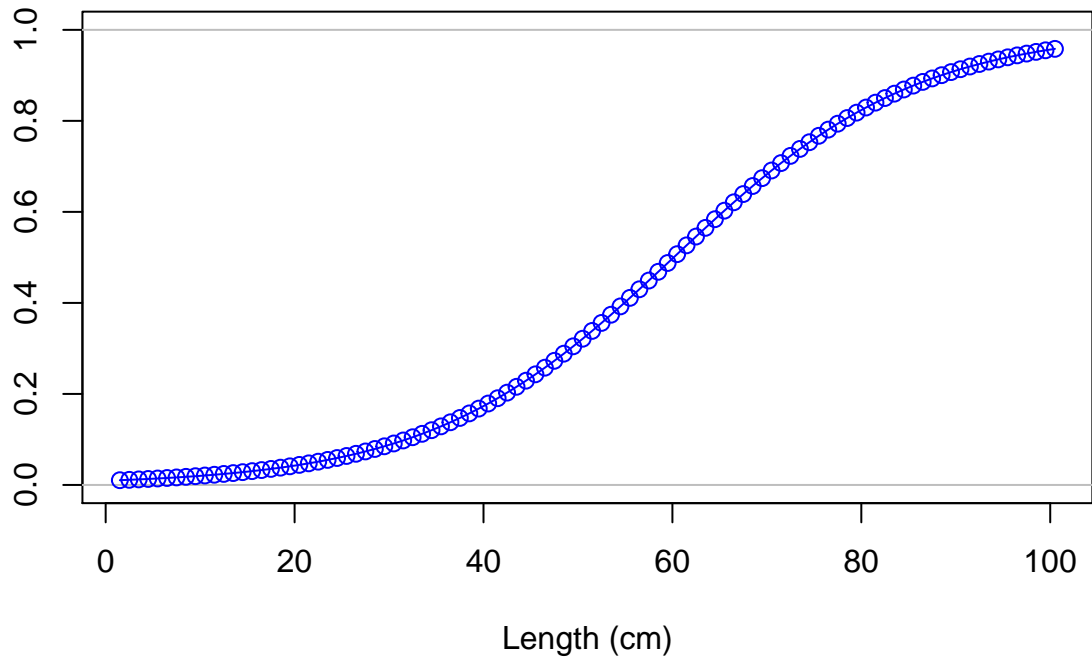
Selectivity



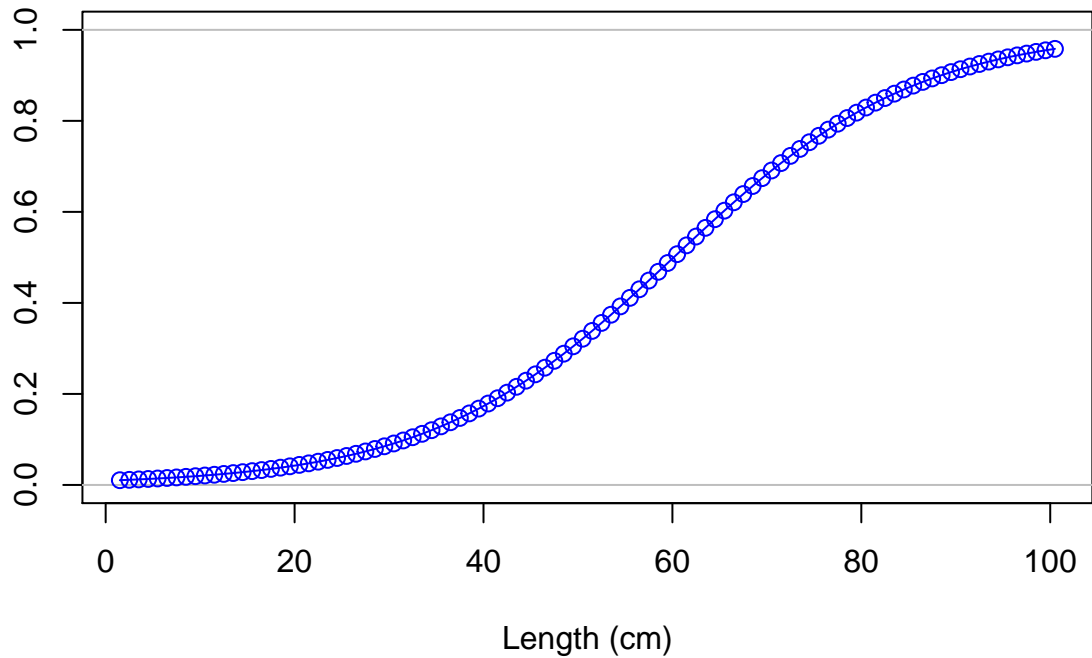
Selectivity

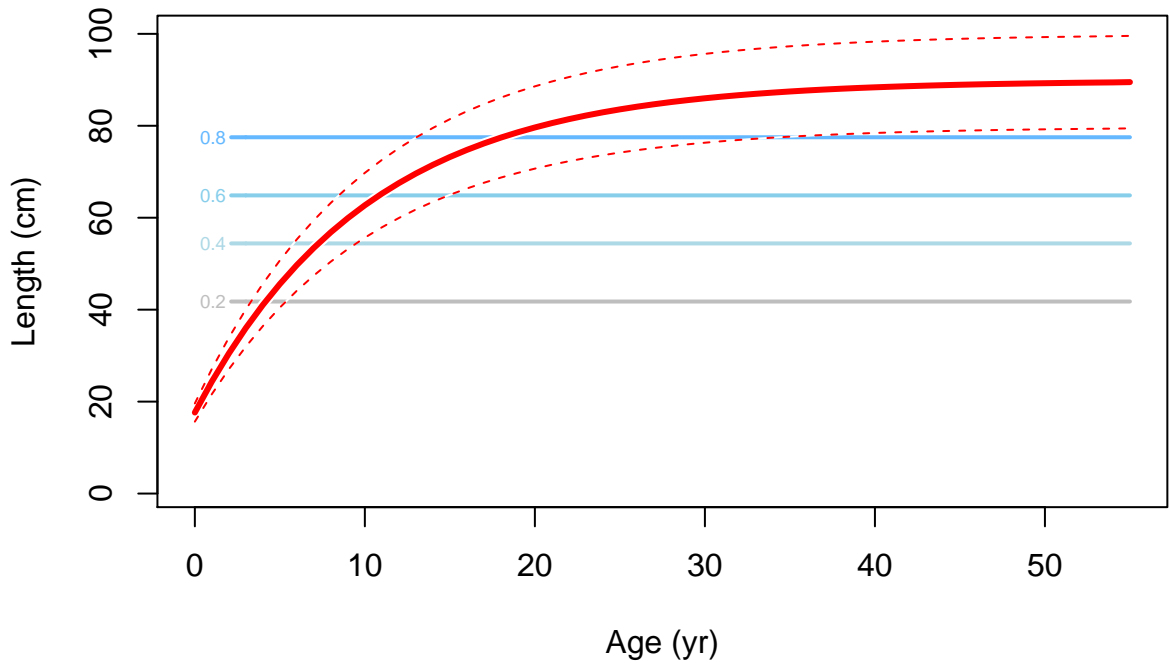


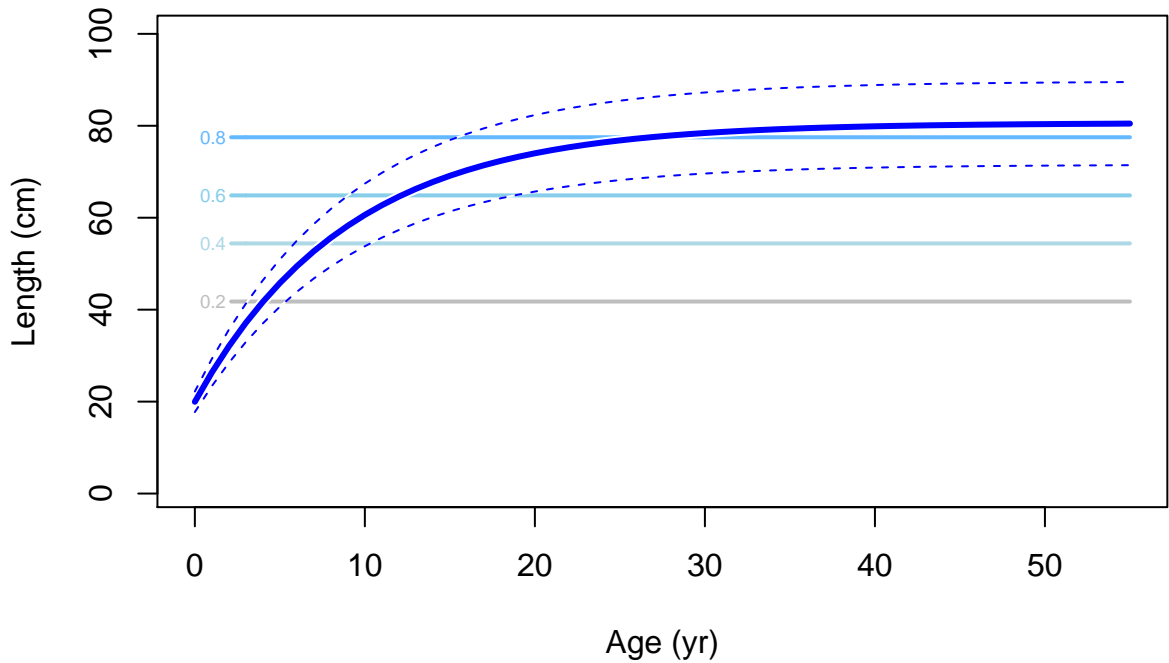
Selectivity

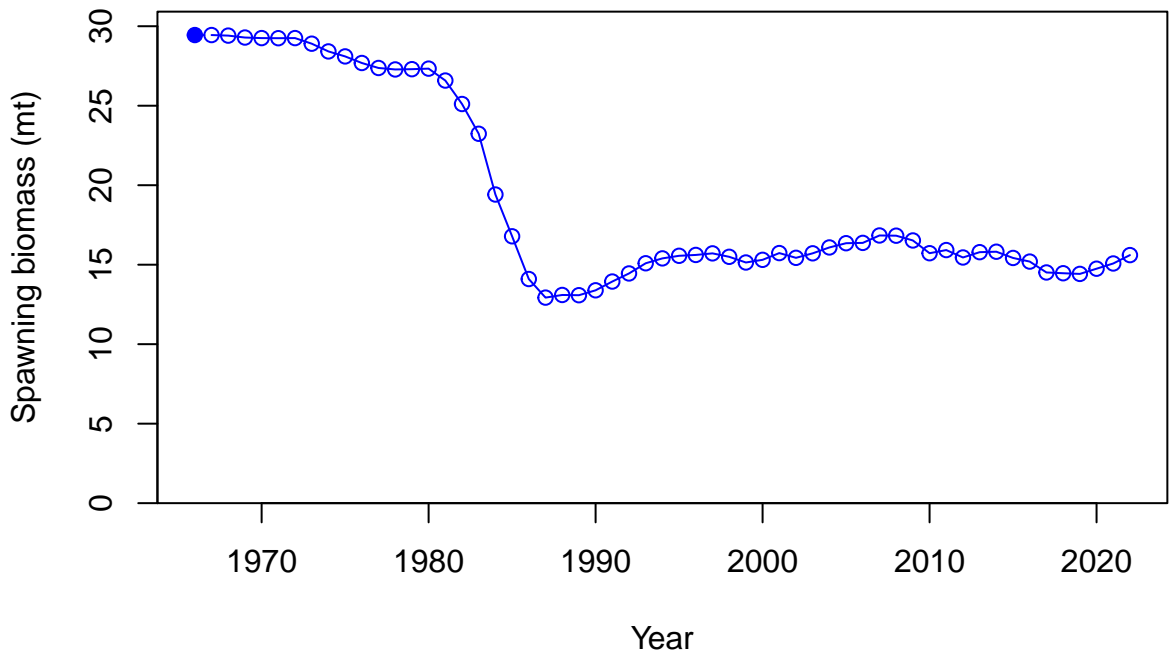


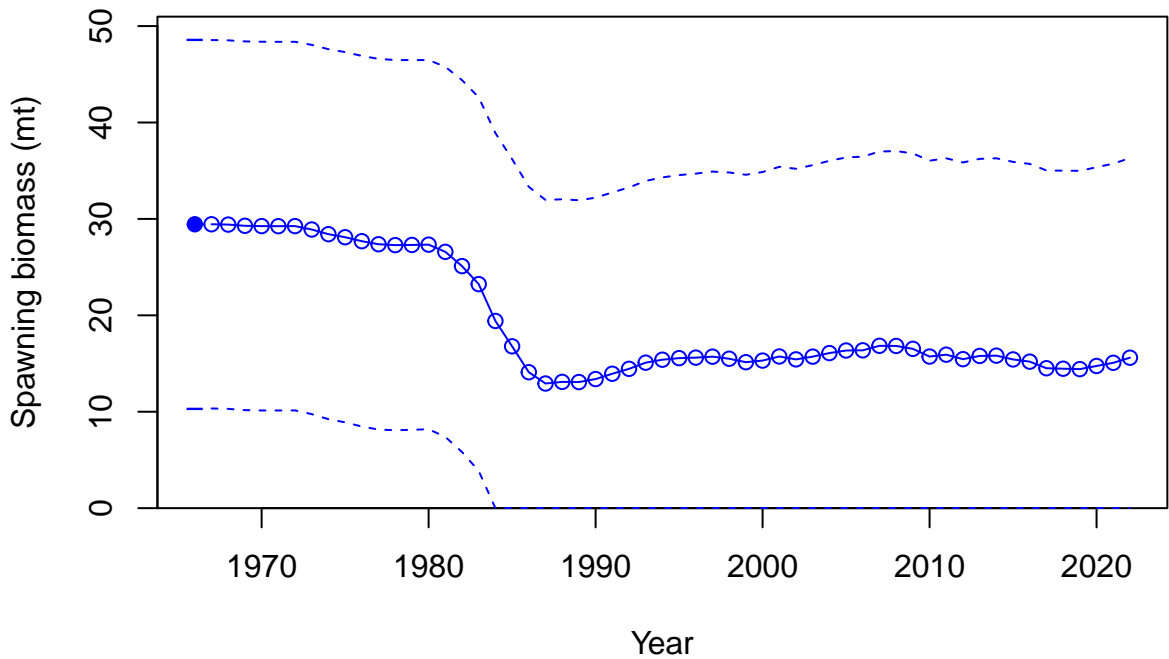
Selectivity





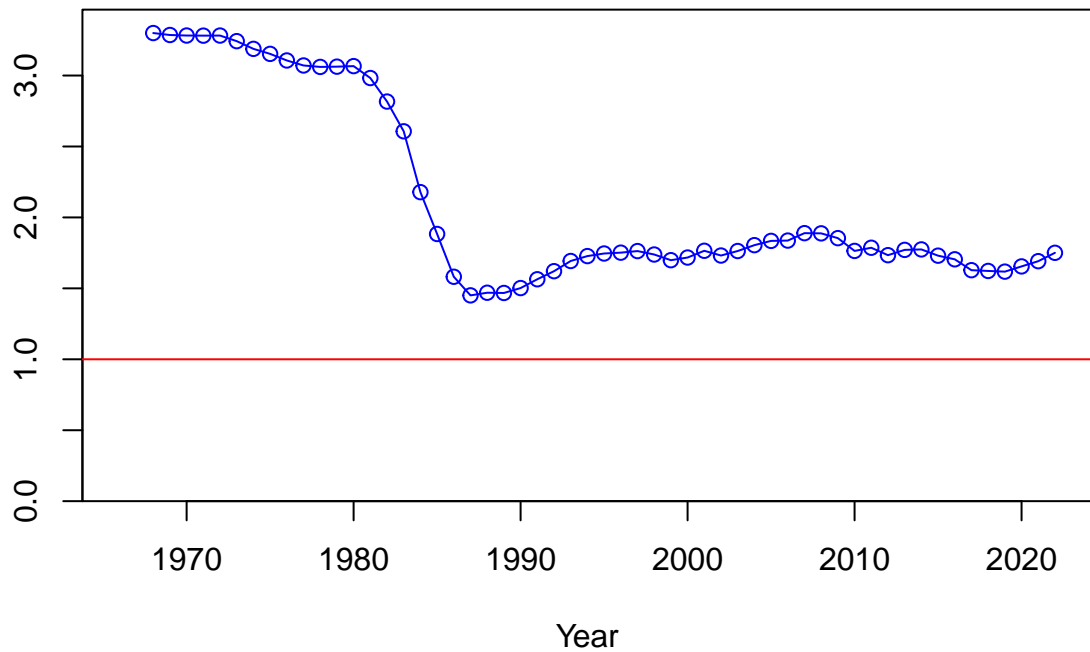




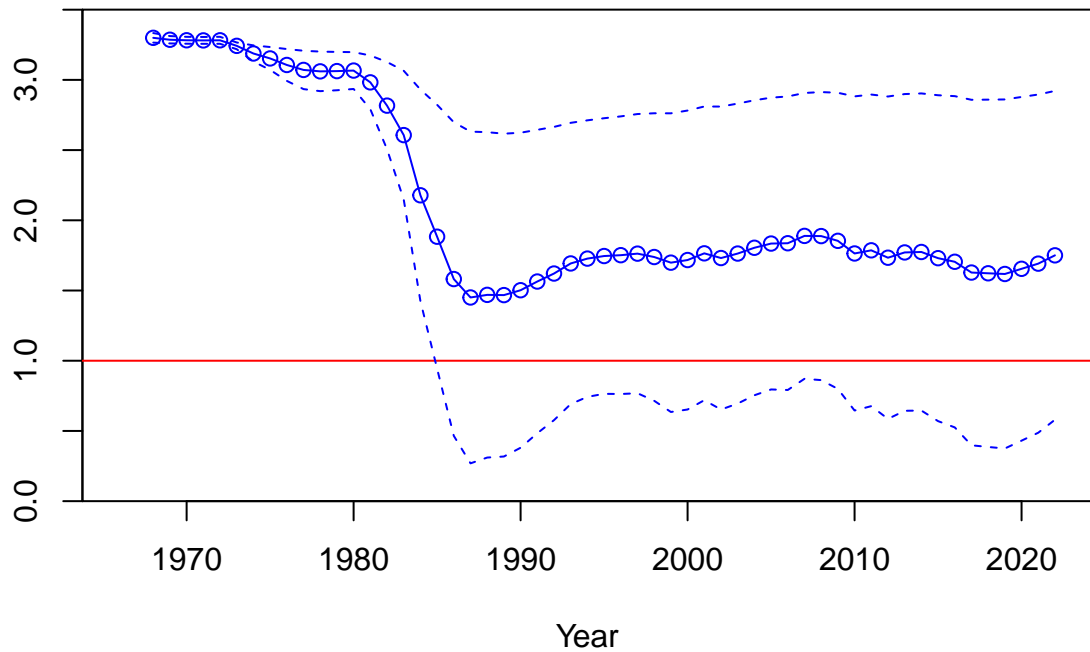


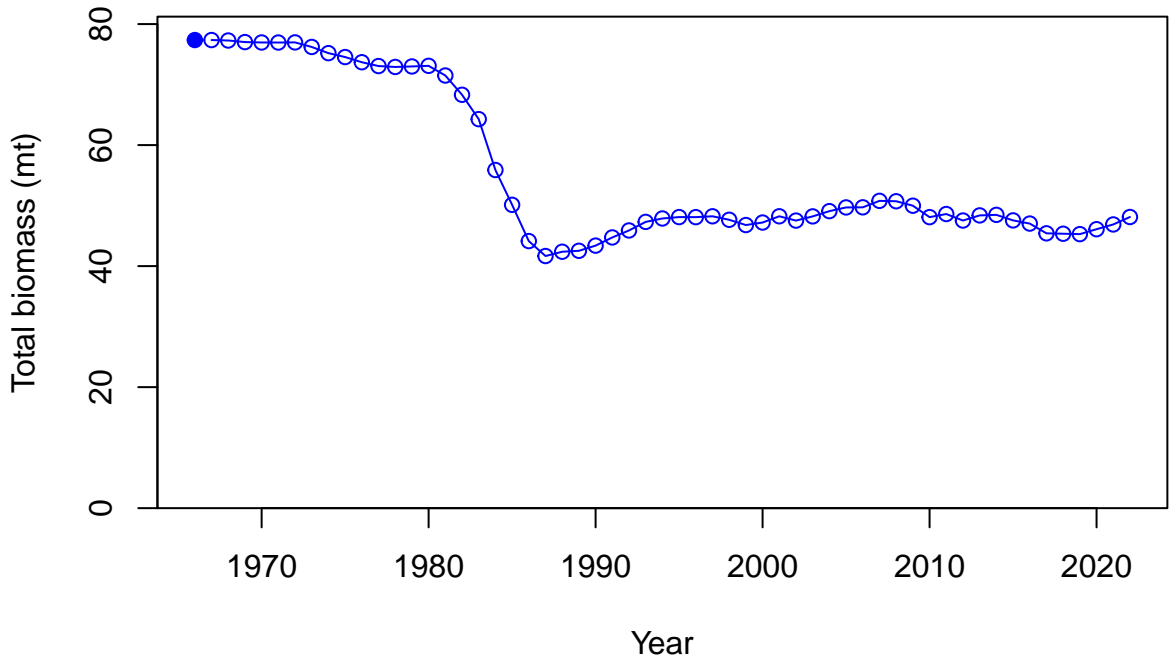


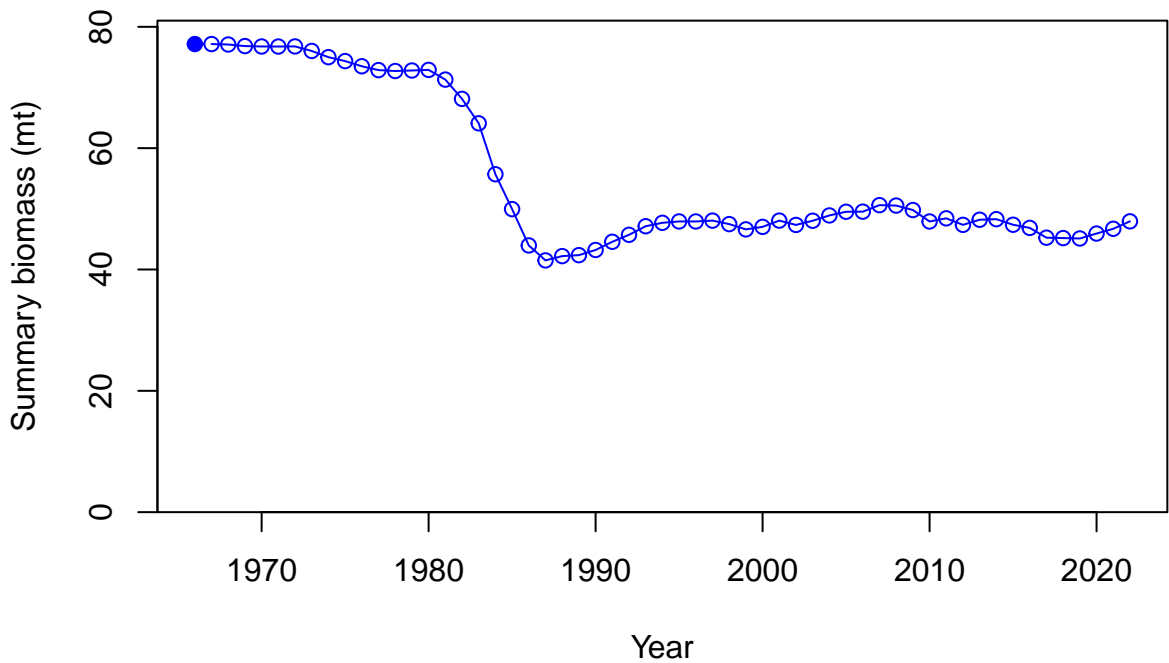
Relative spawning biomass:  $B/B_{MSY}$



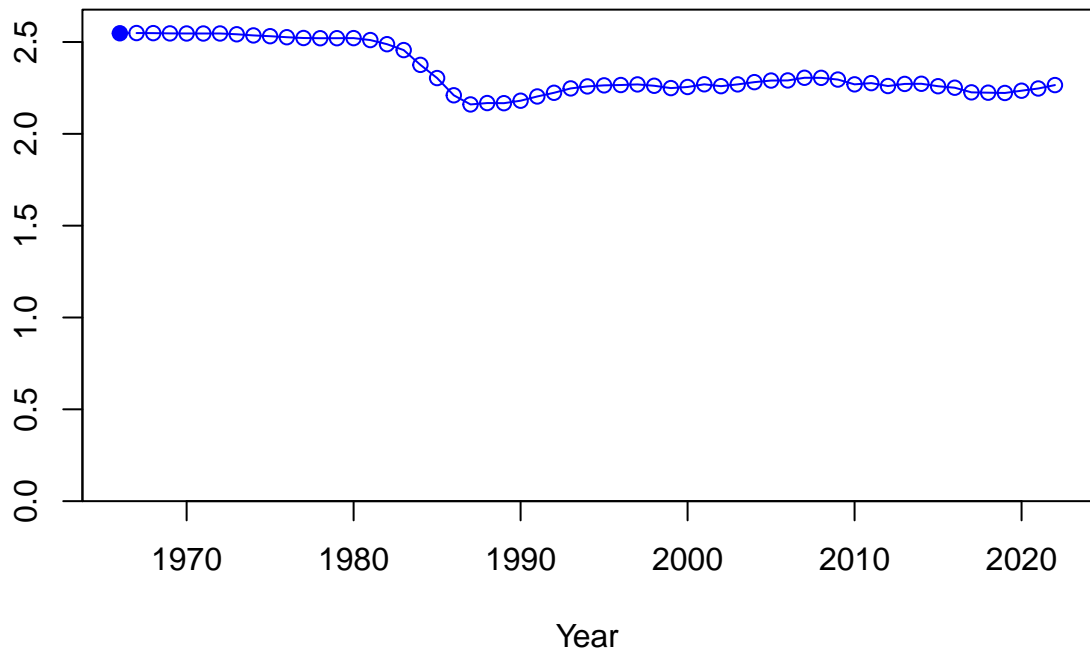
Relative spawning biomass:  $B/B_{MSY}$



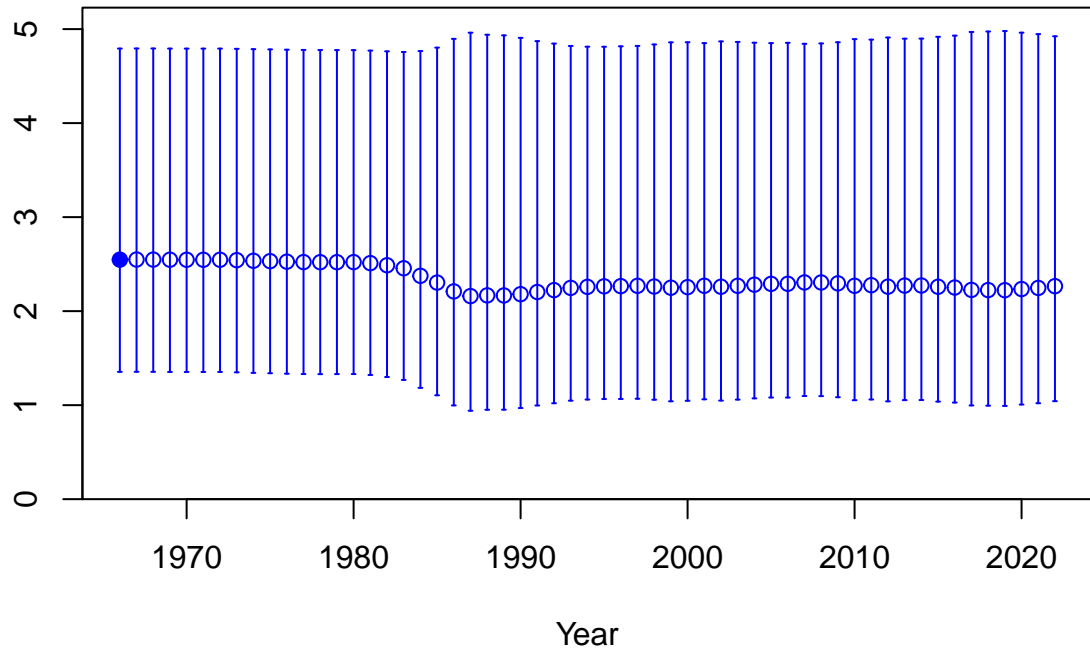




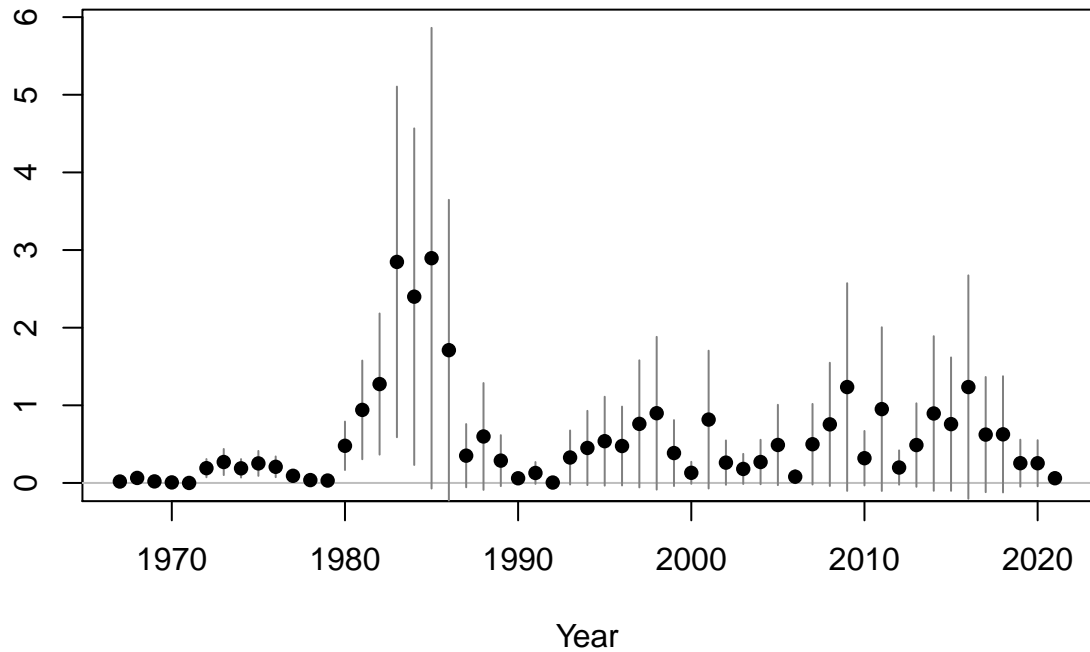
Age-0 recruits (1,000s)

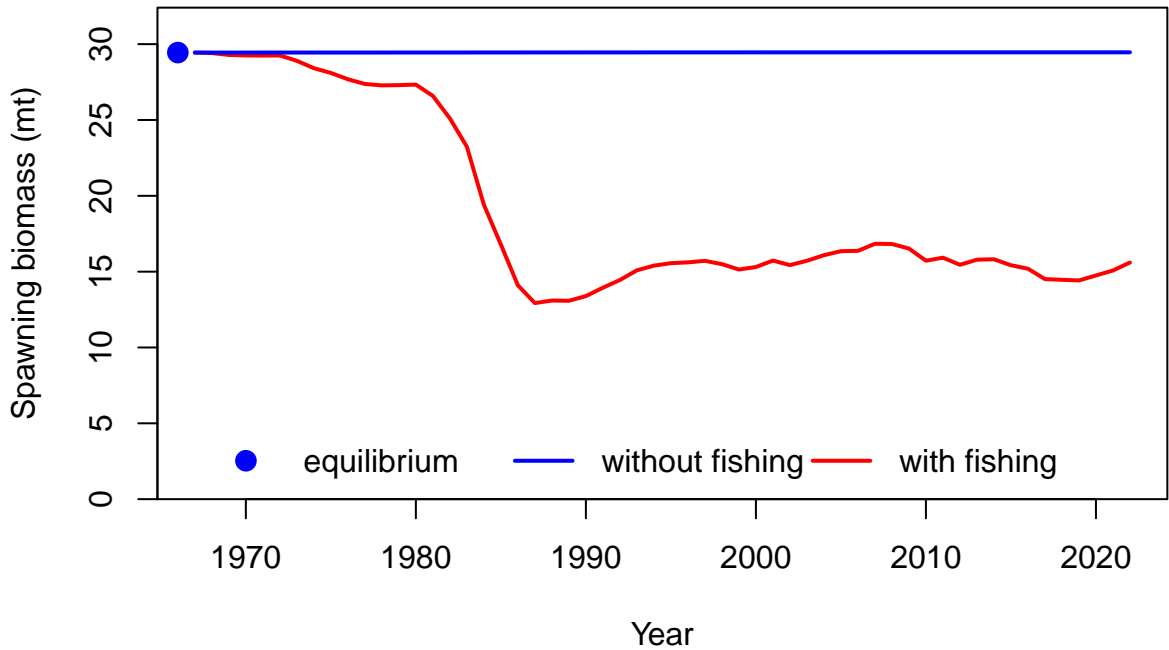


Age-0 recruits (1,000s)

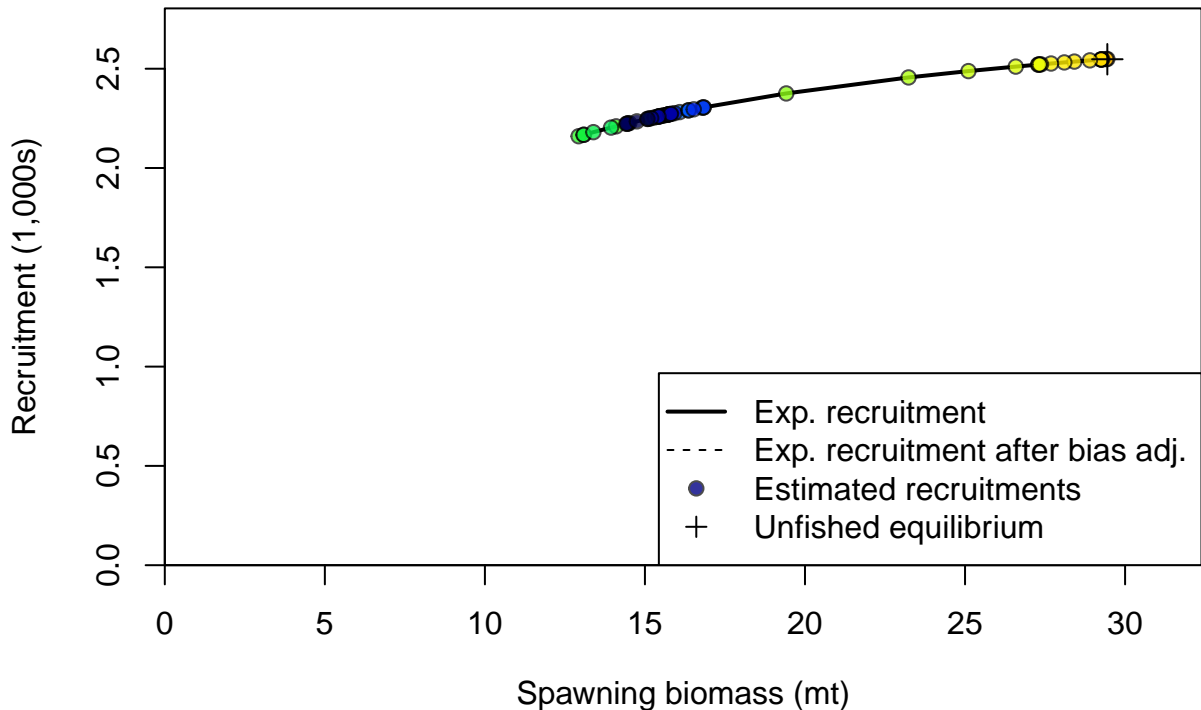


Summary Fishing Mortality

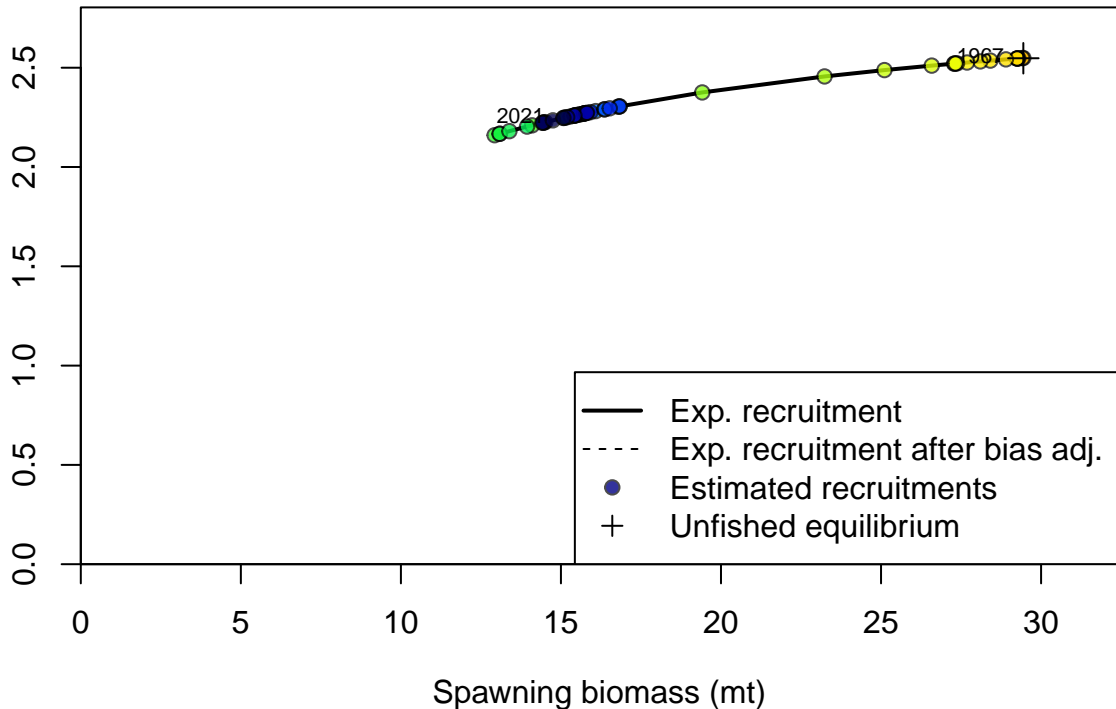


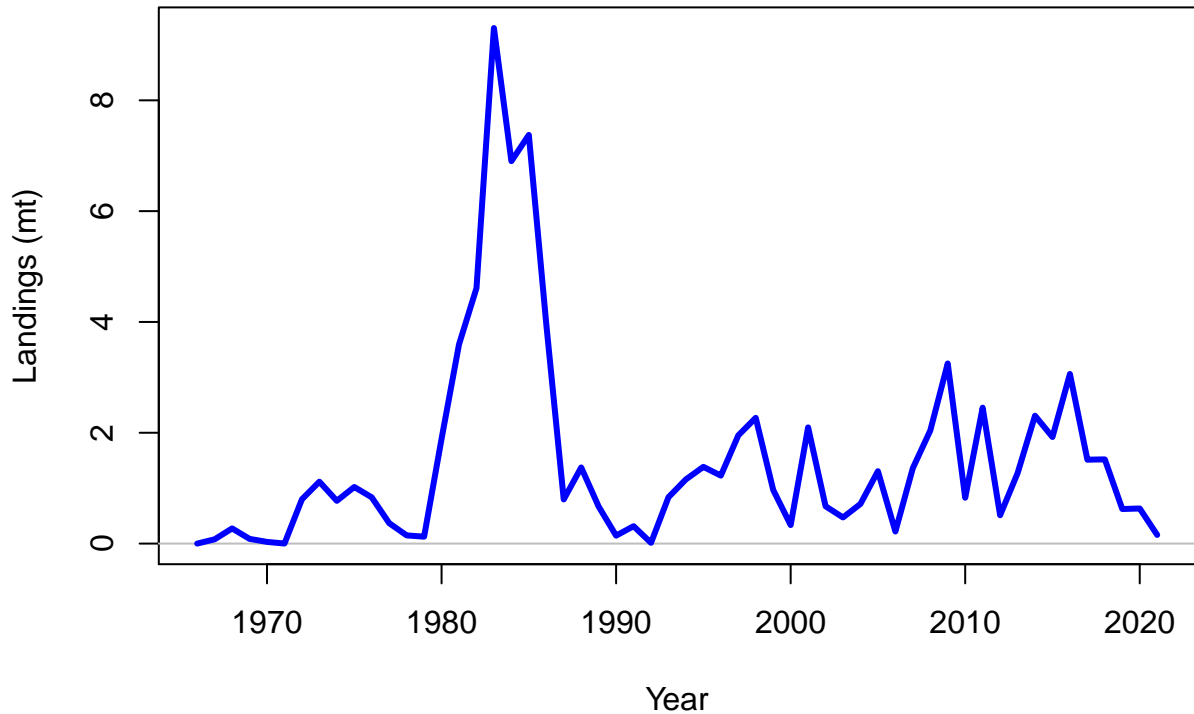




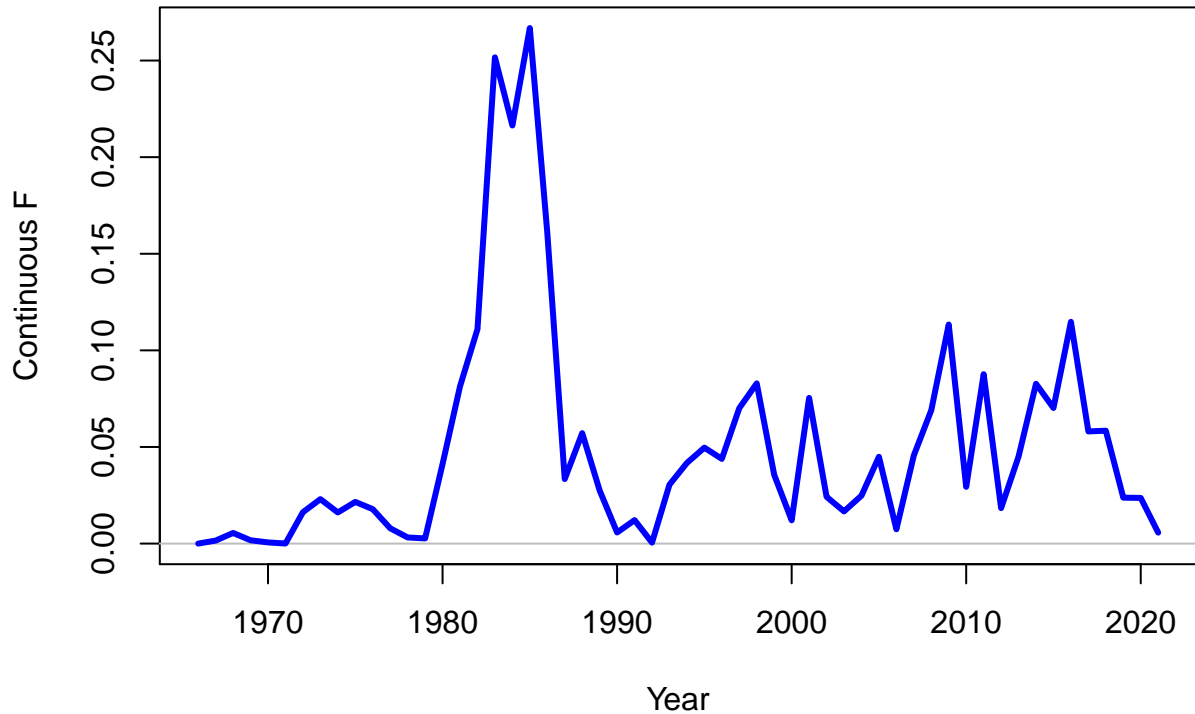


Recruitment (1,000s)

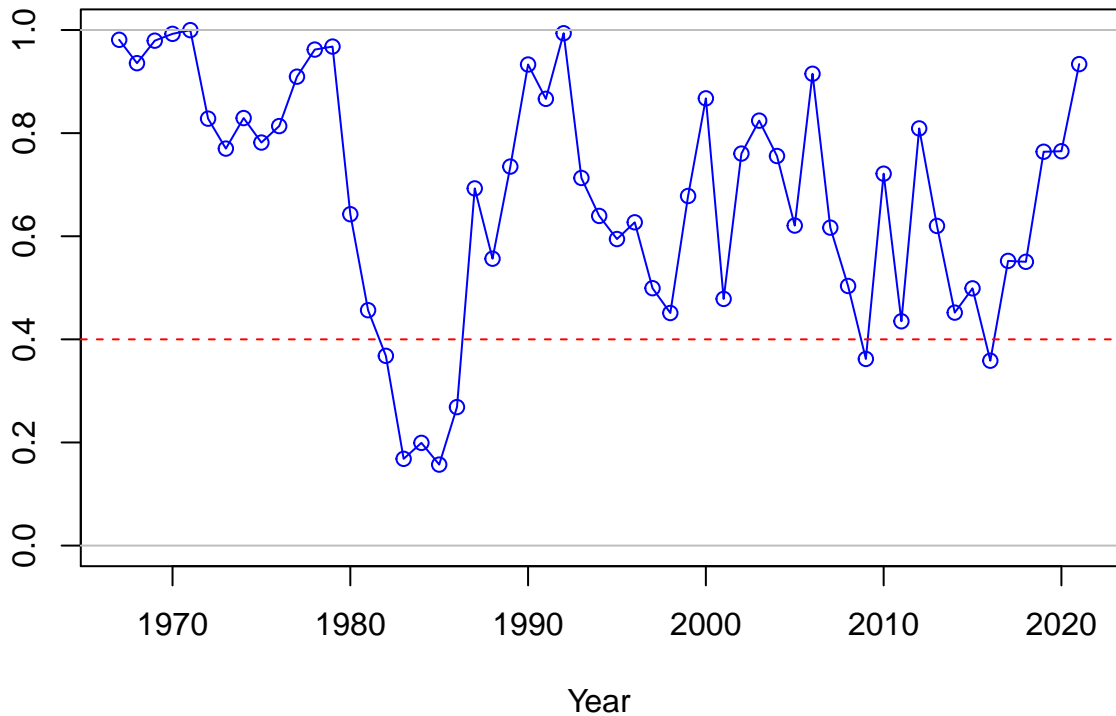




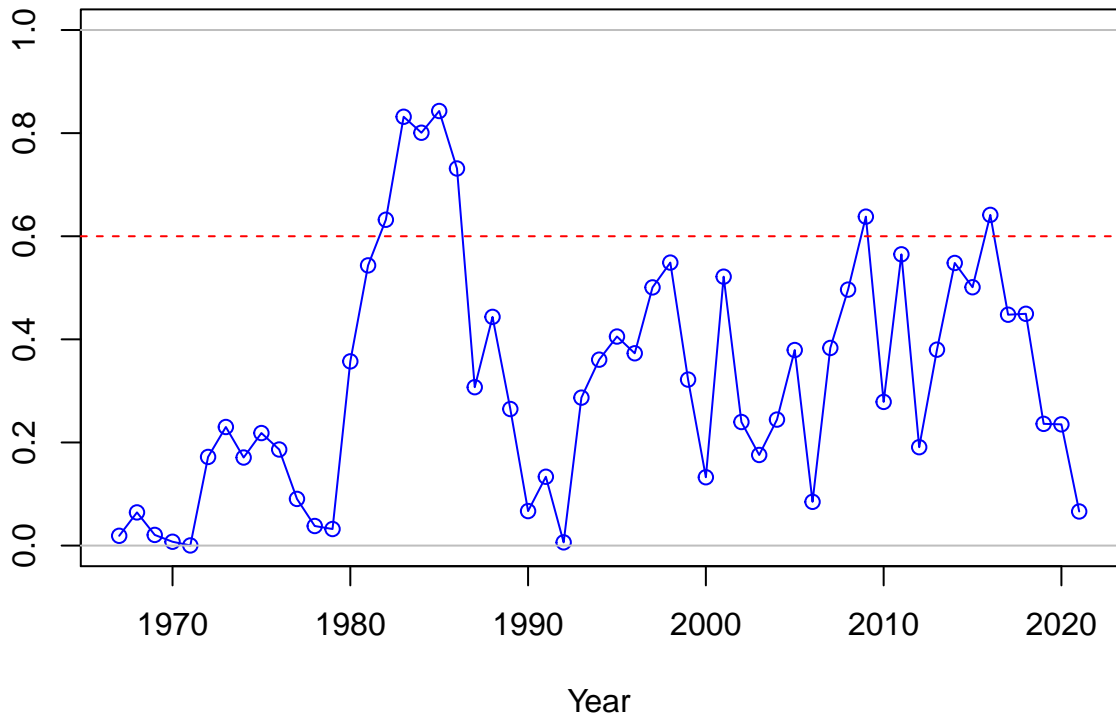




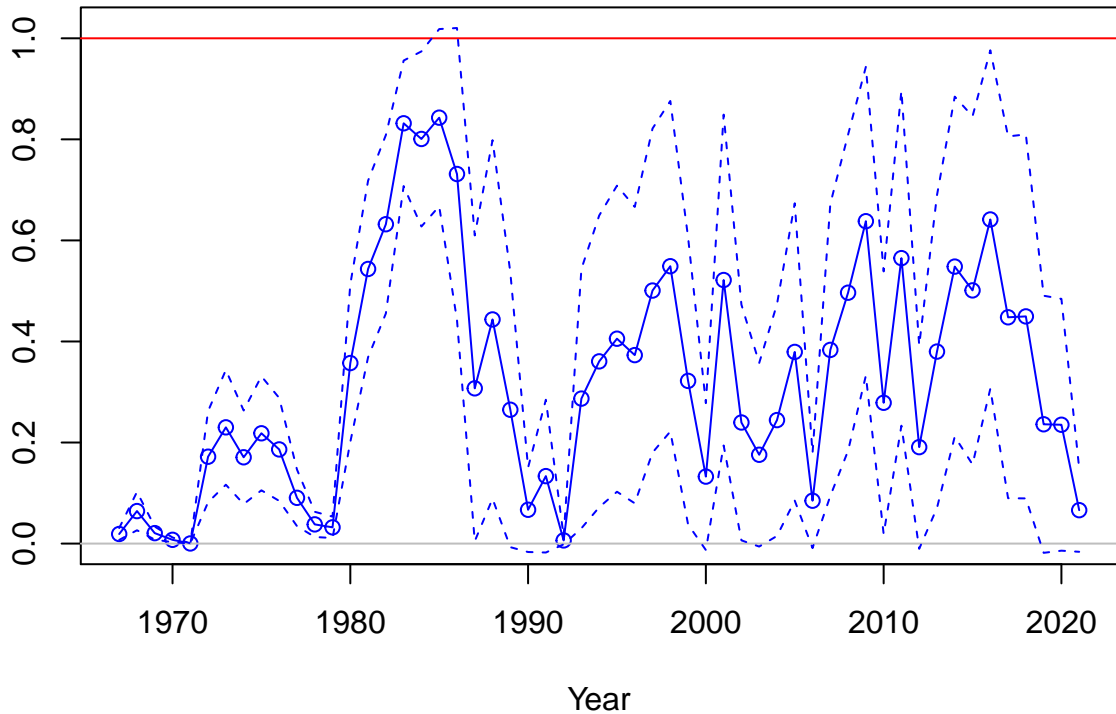
SPR



1-SPR

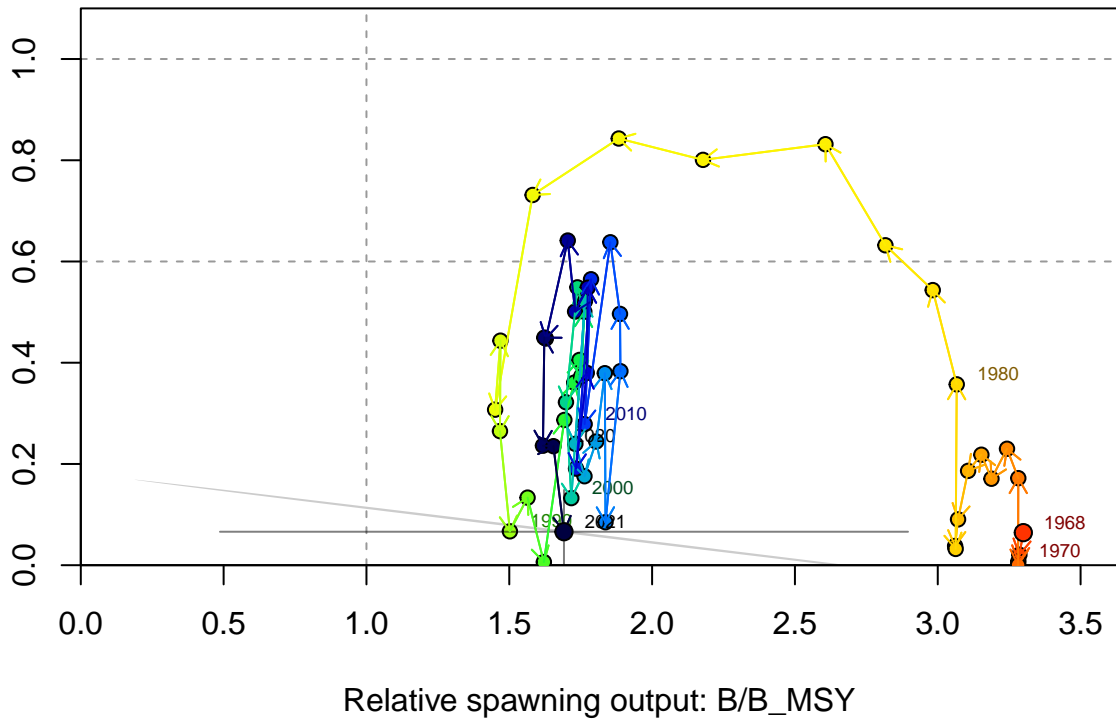


Fishing intensity: 1-SPR

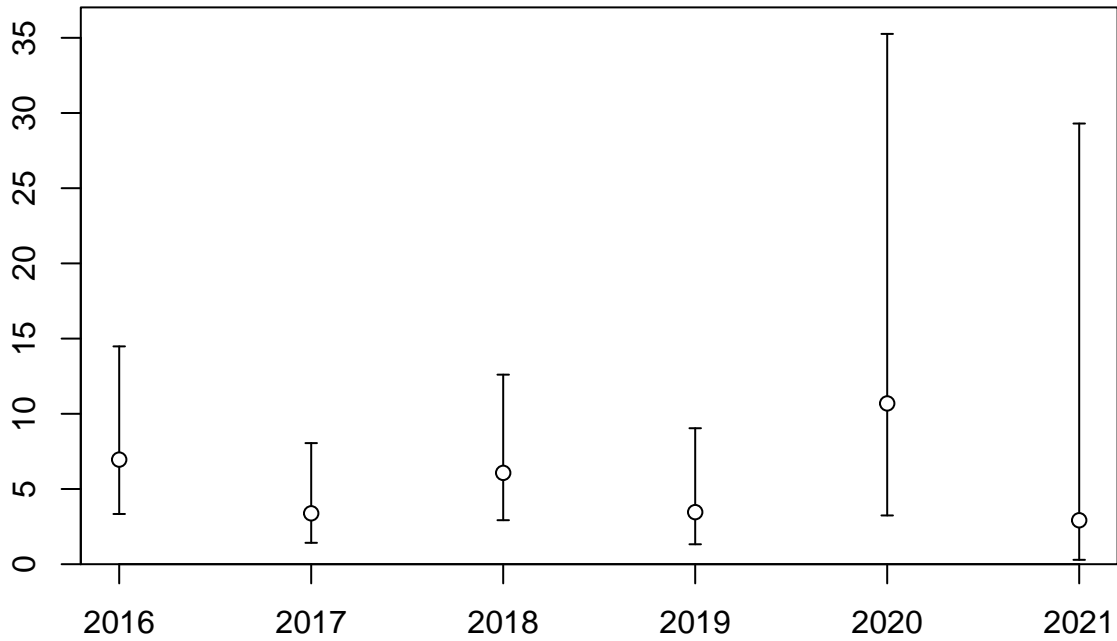




Fishing intensity: 1-SPR

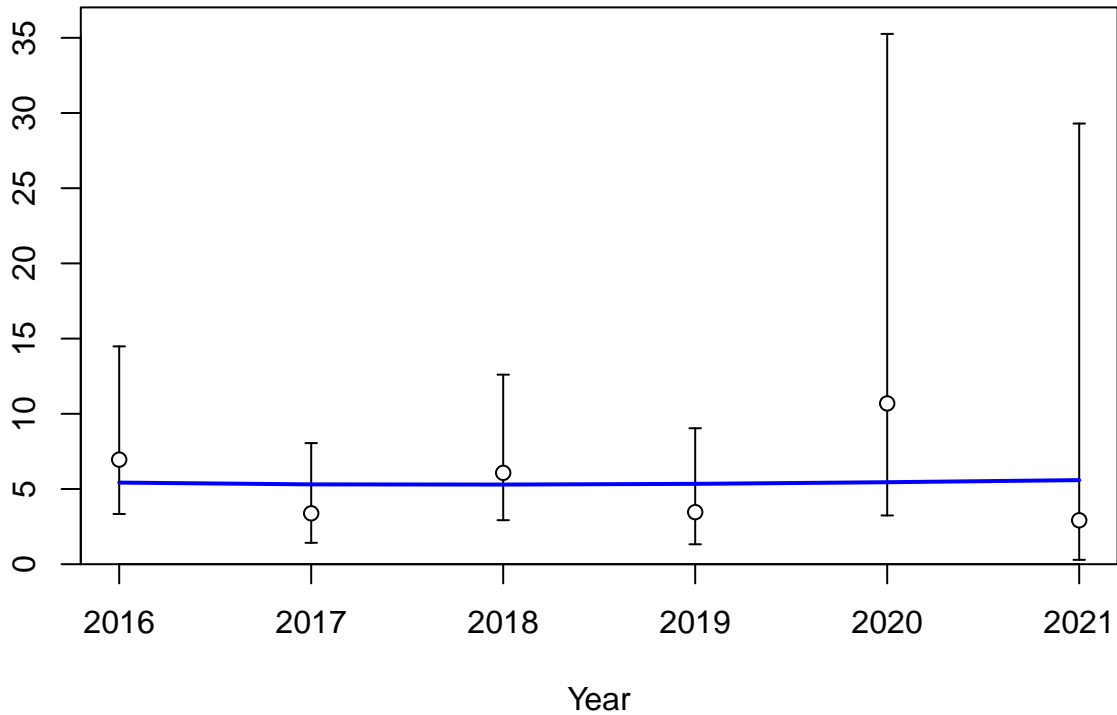


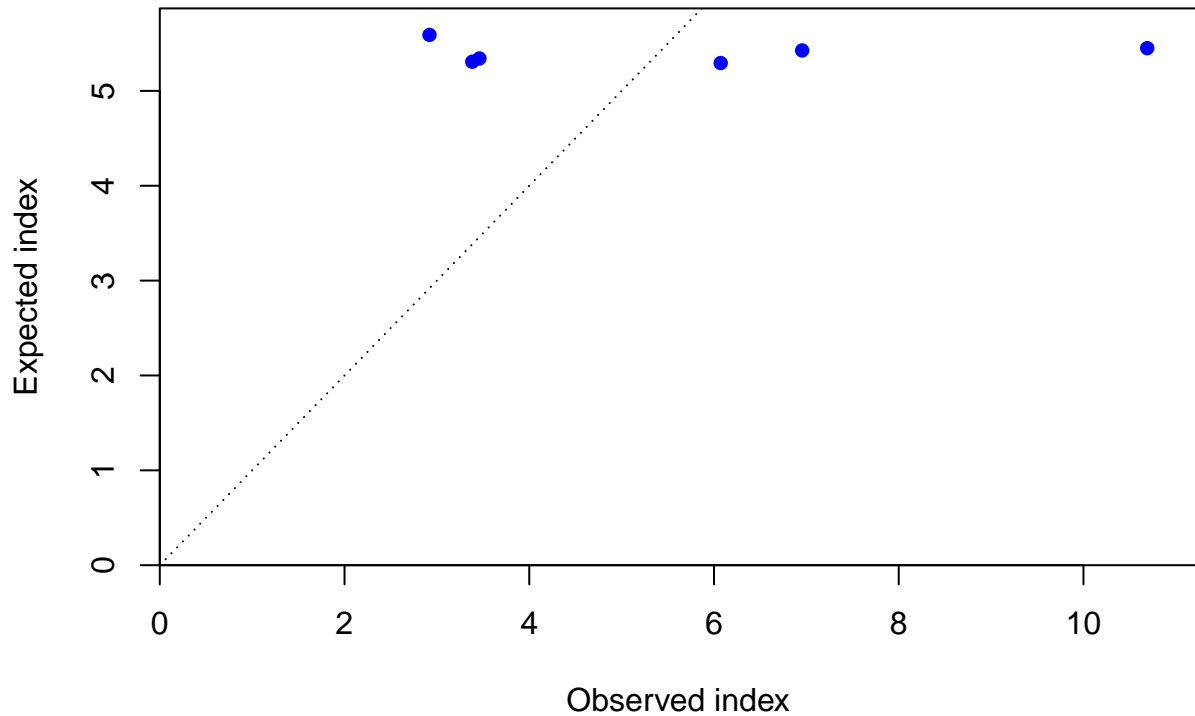
Index



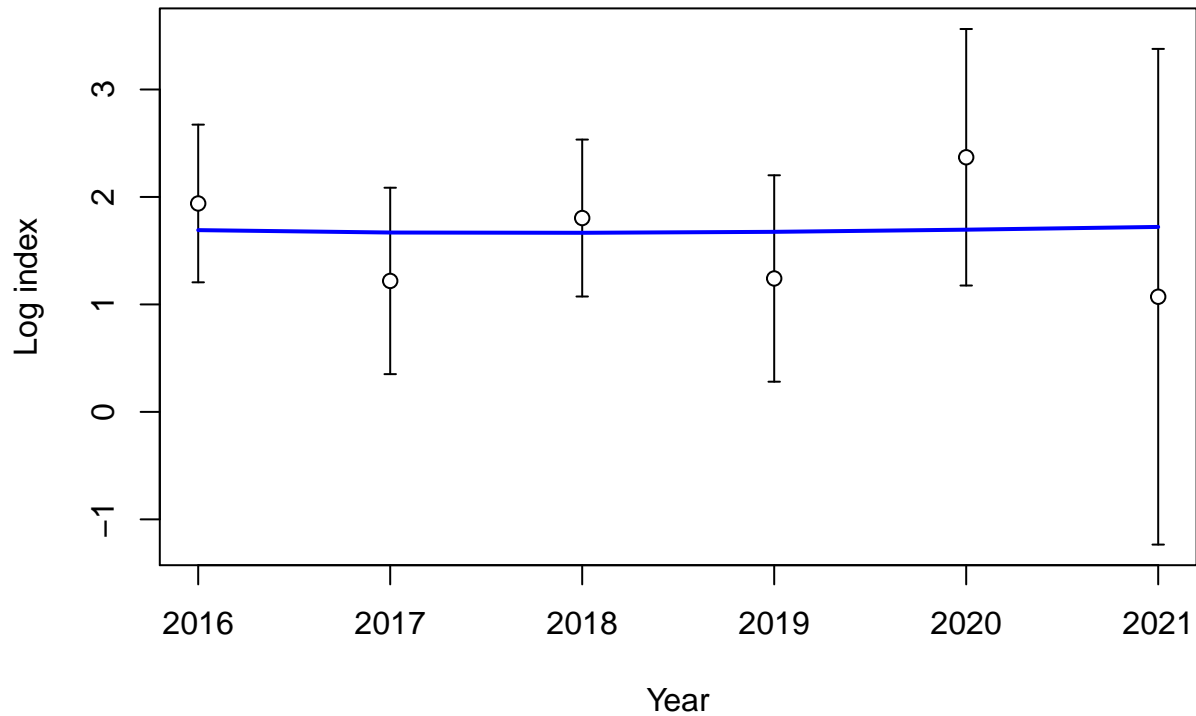
Year

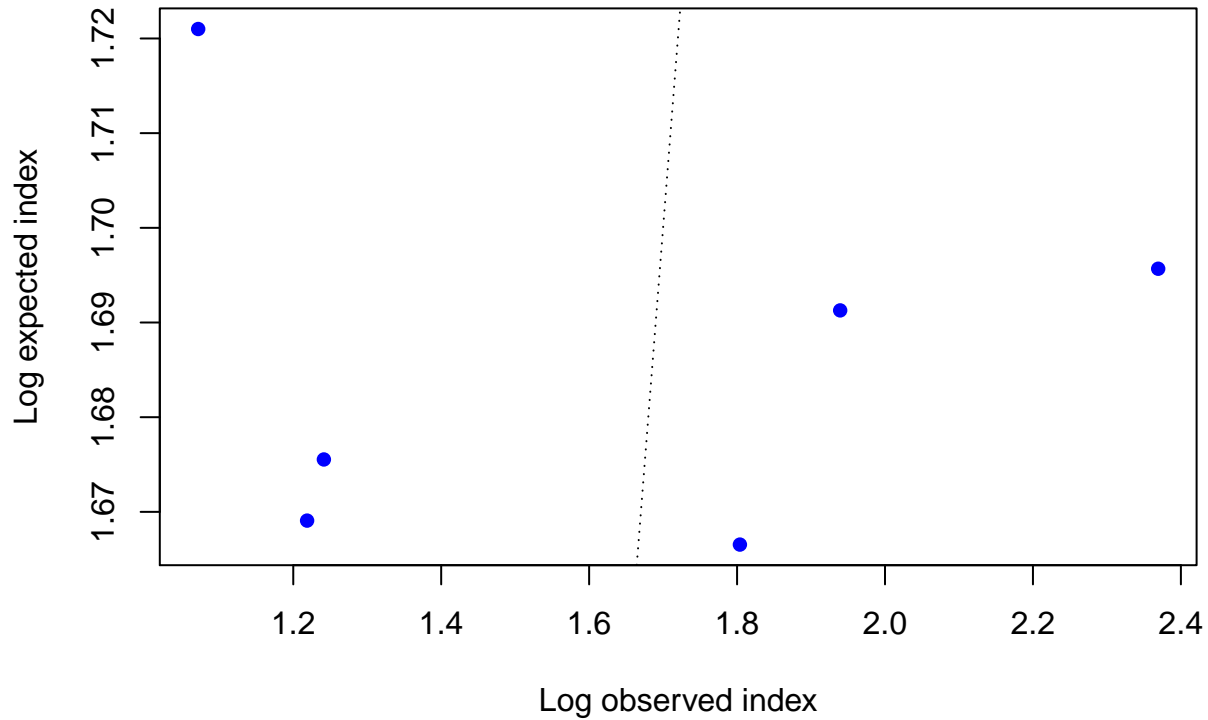
Index



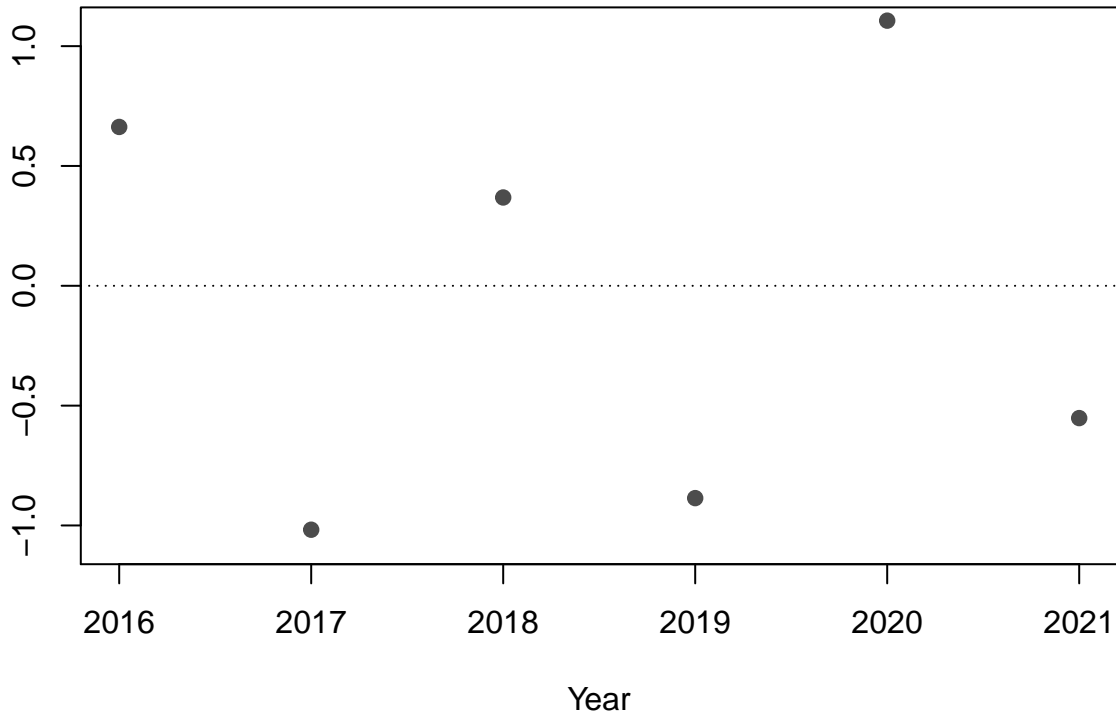




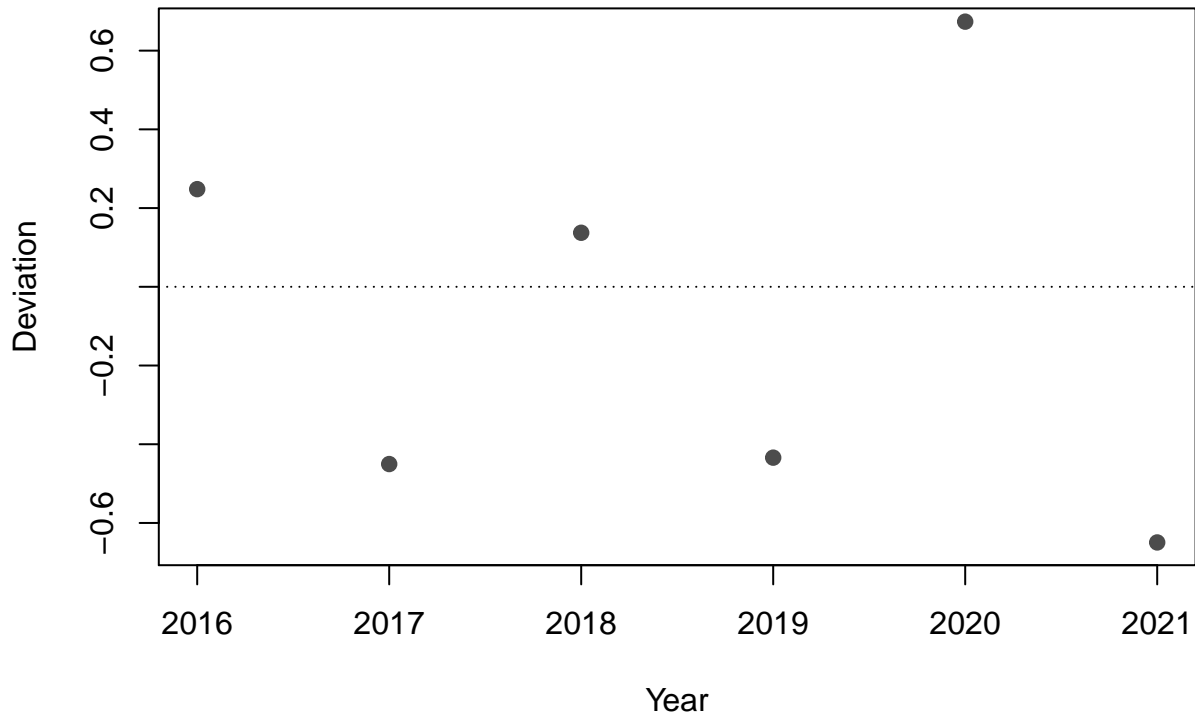




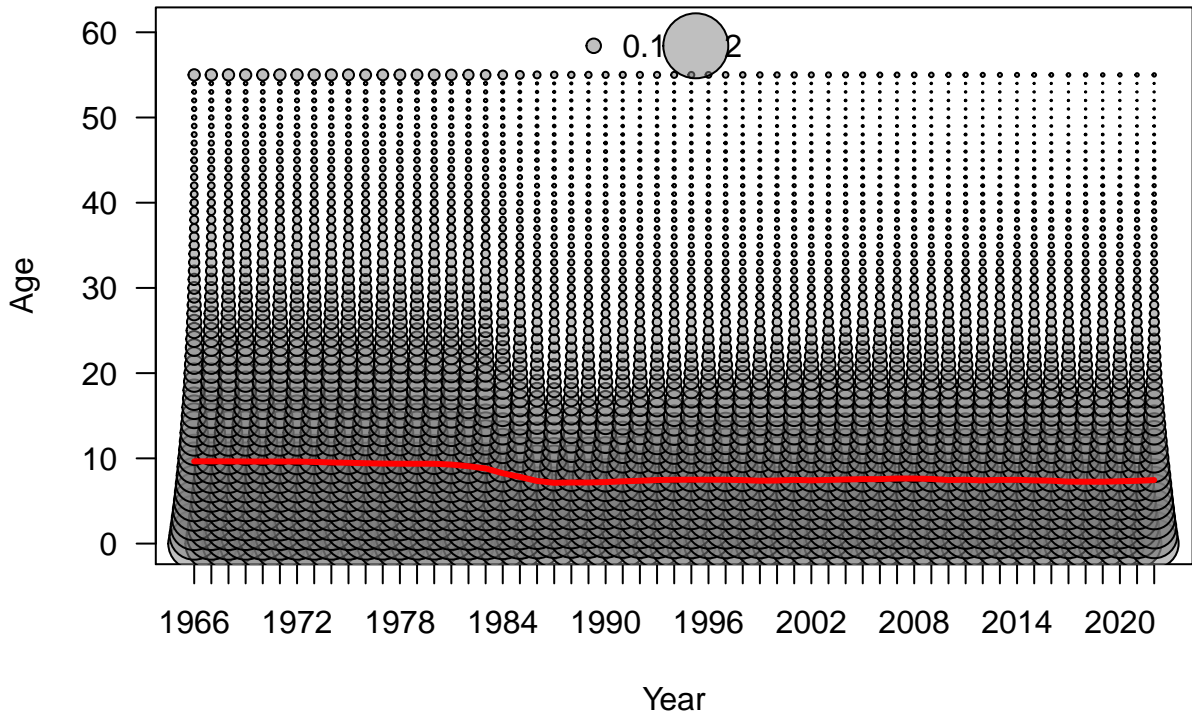
Residual

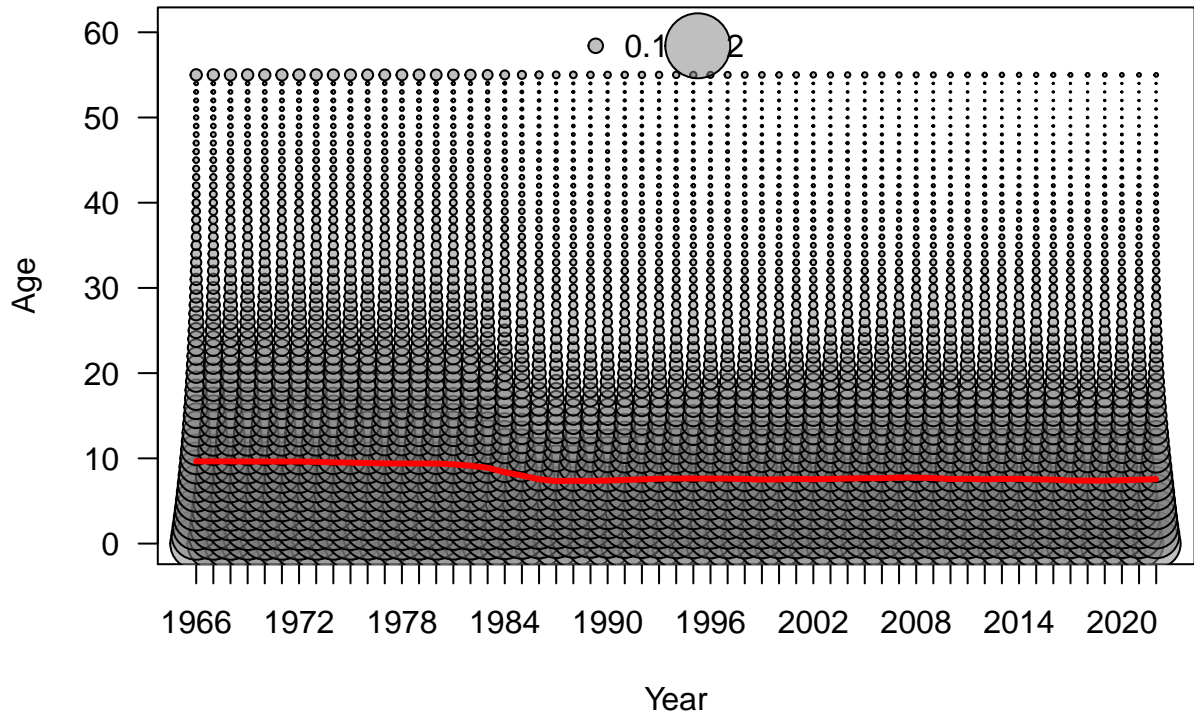


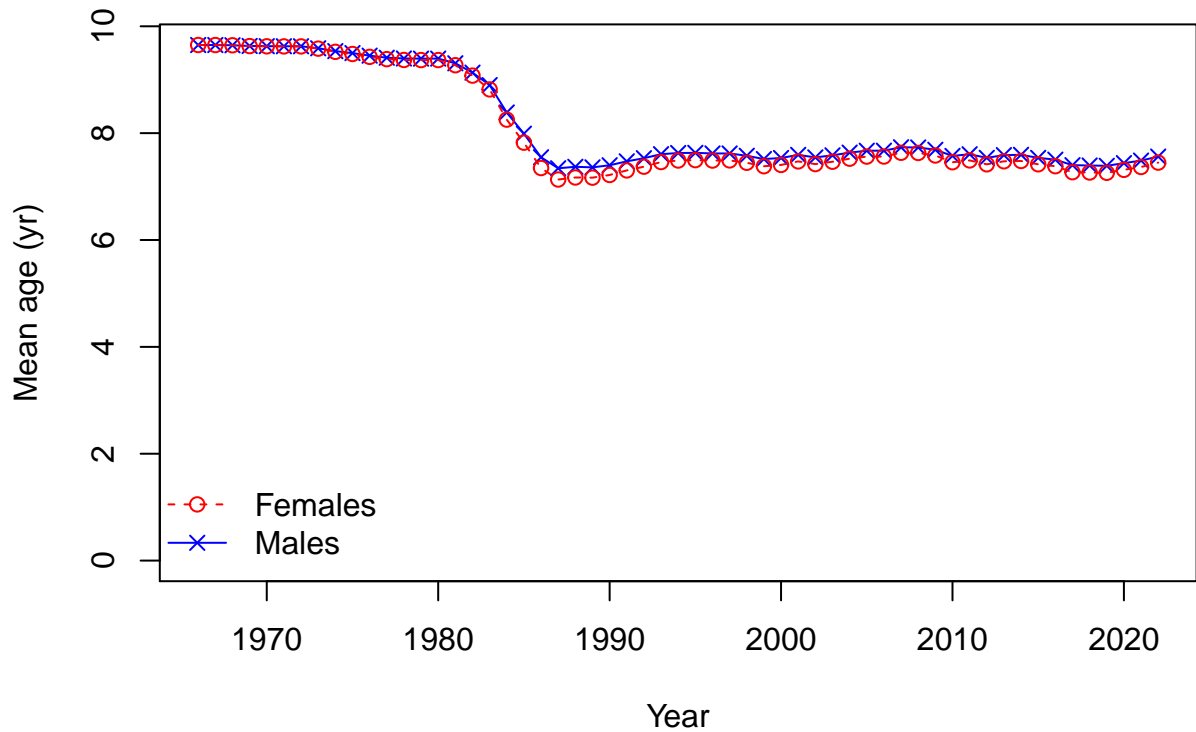


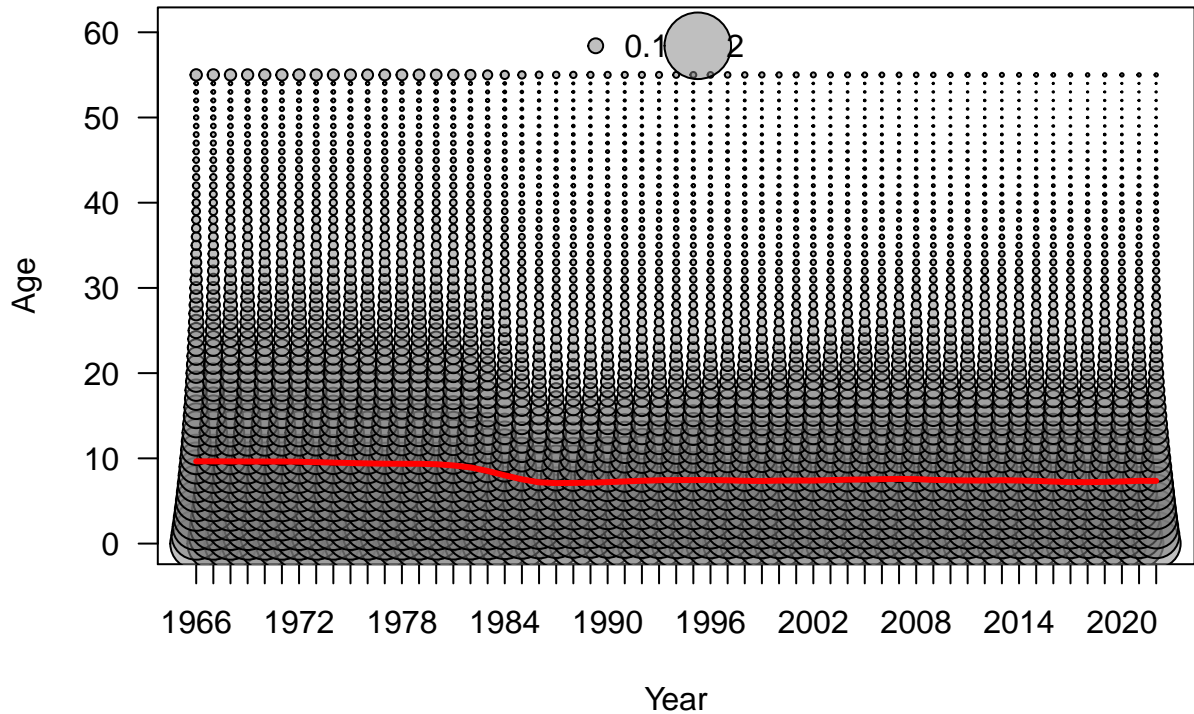


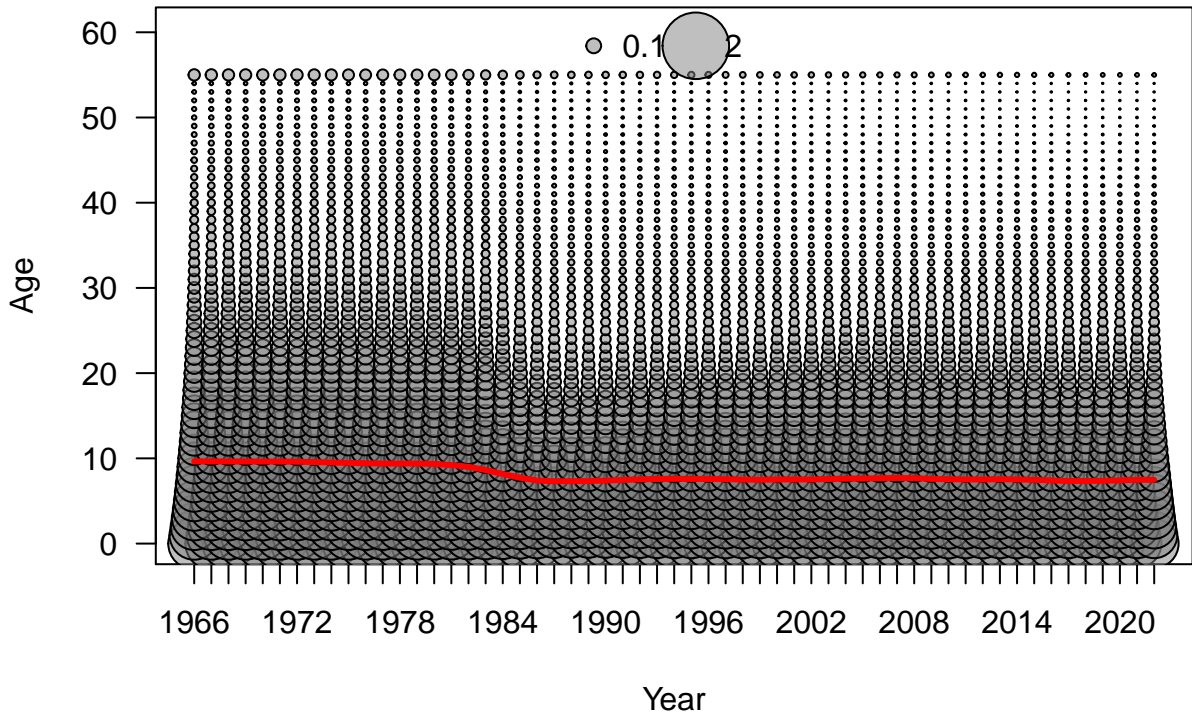


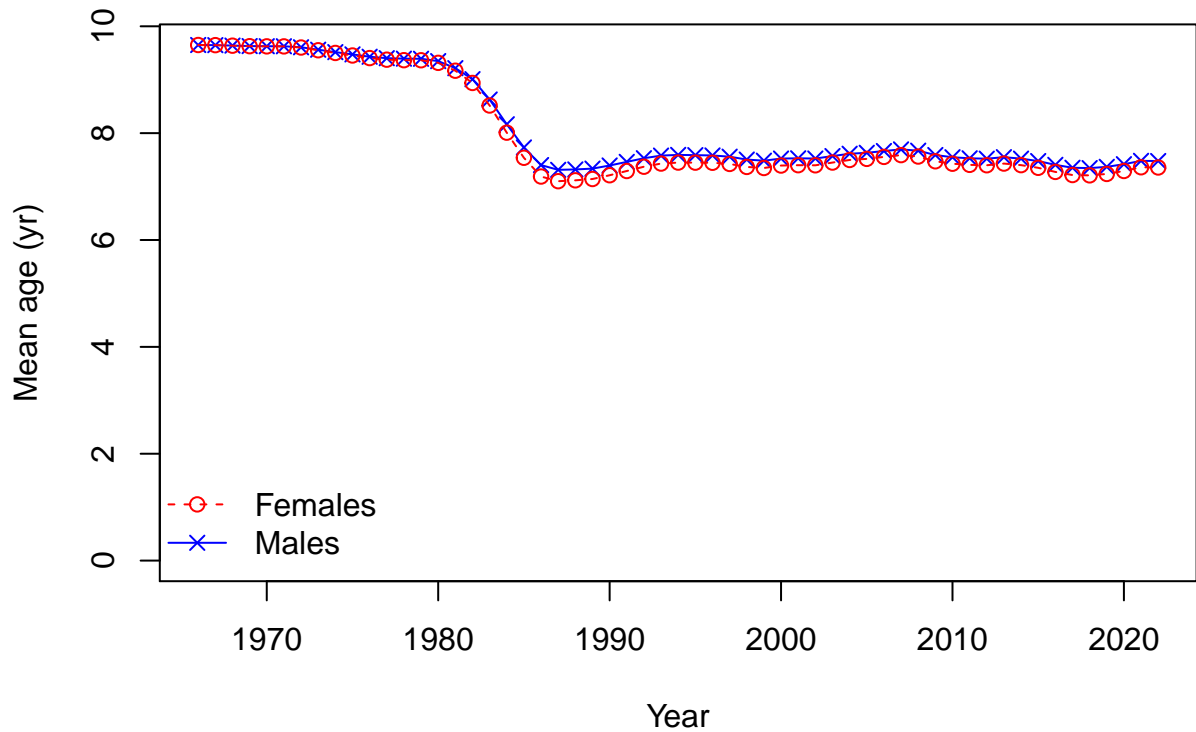






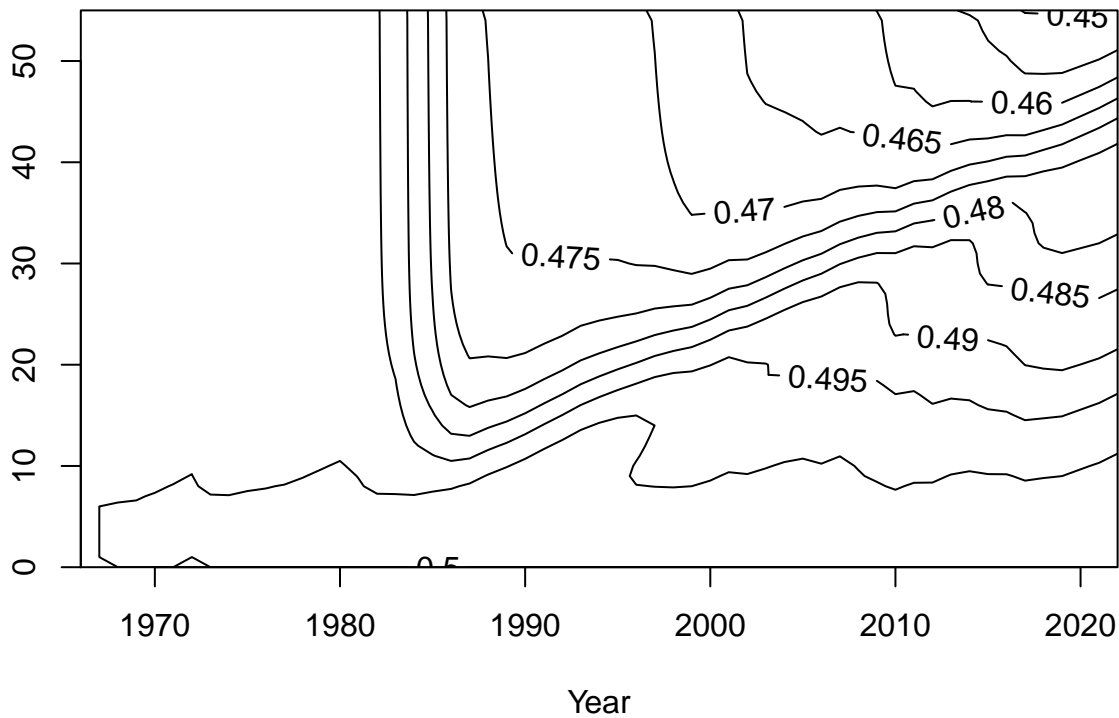


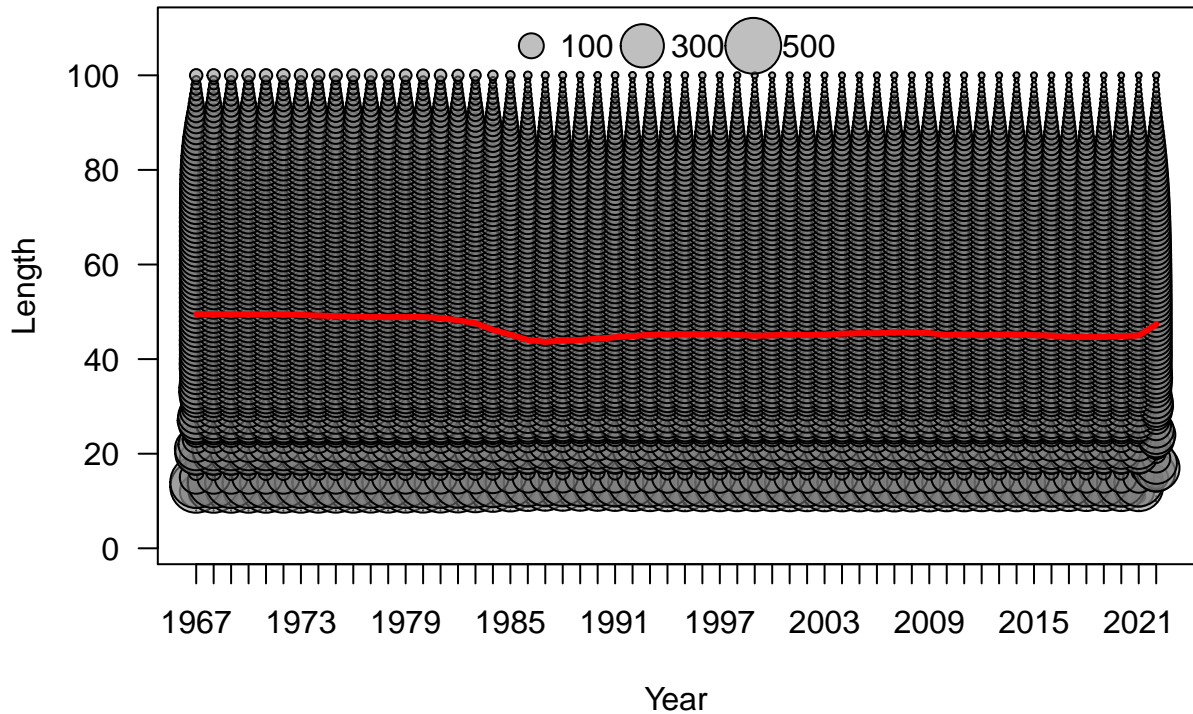


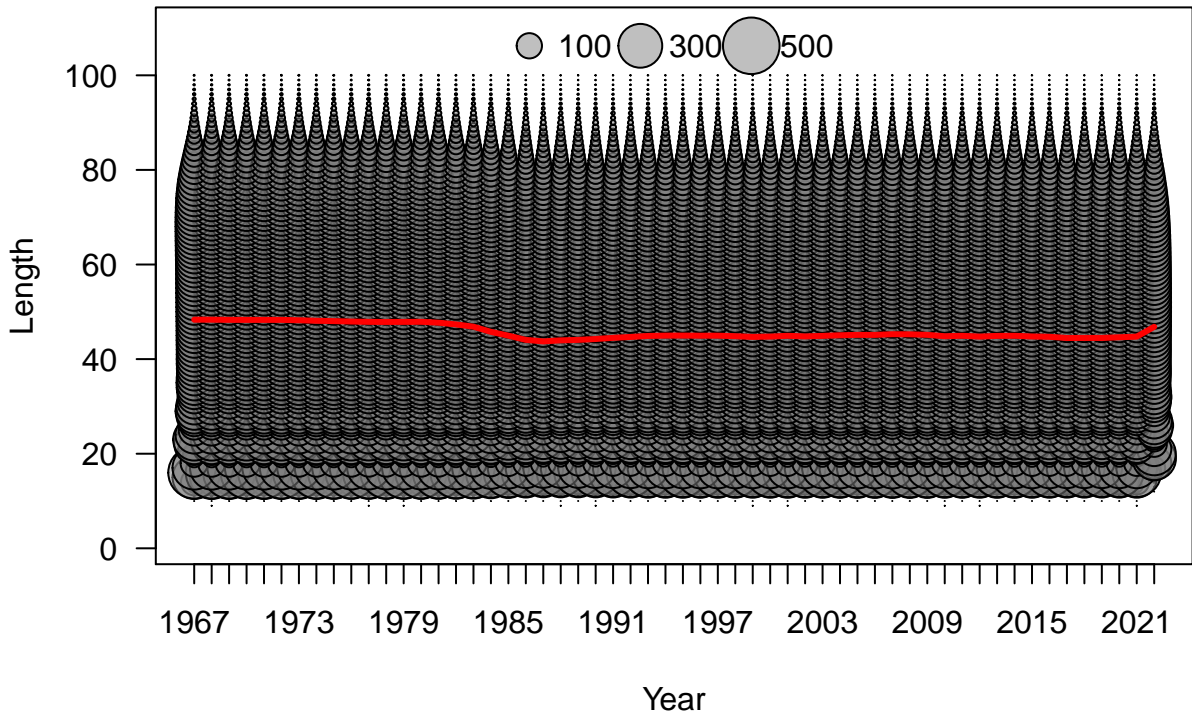


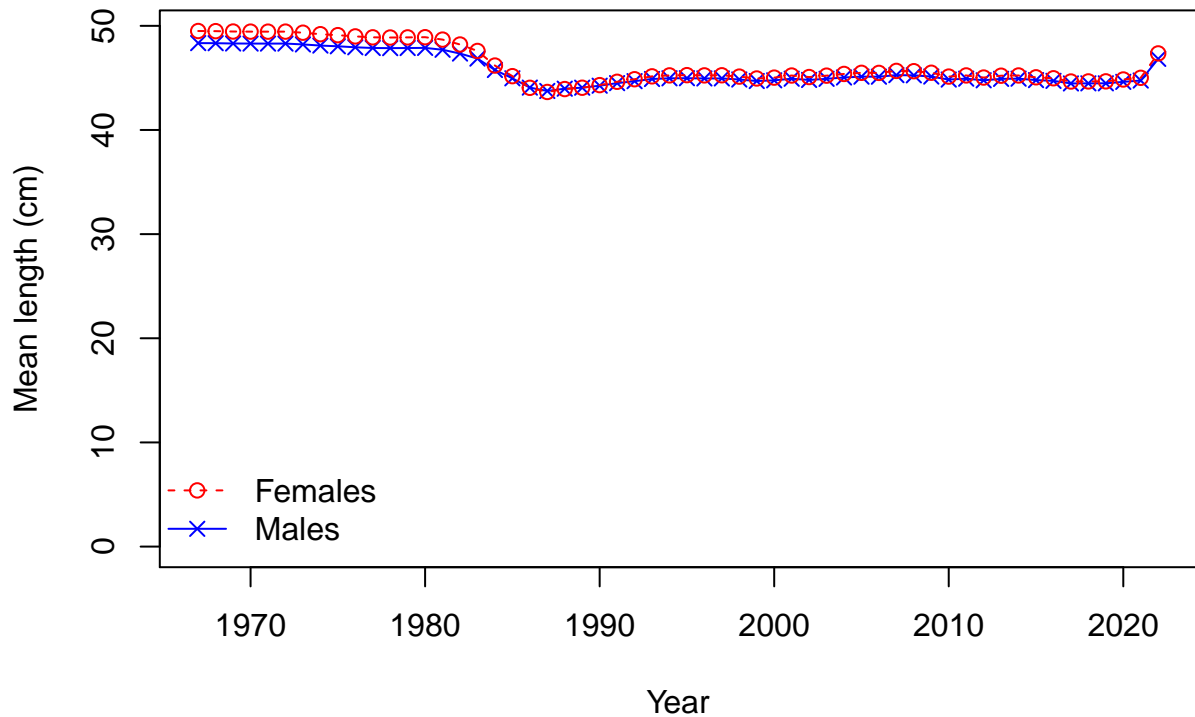


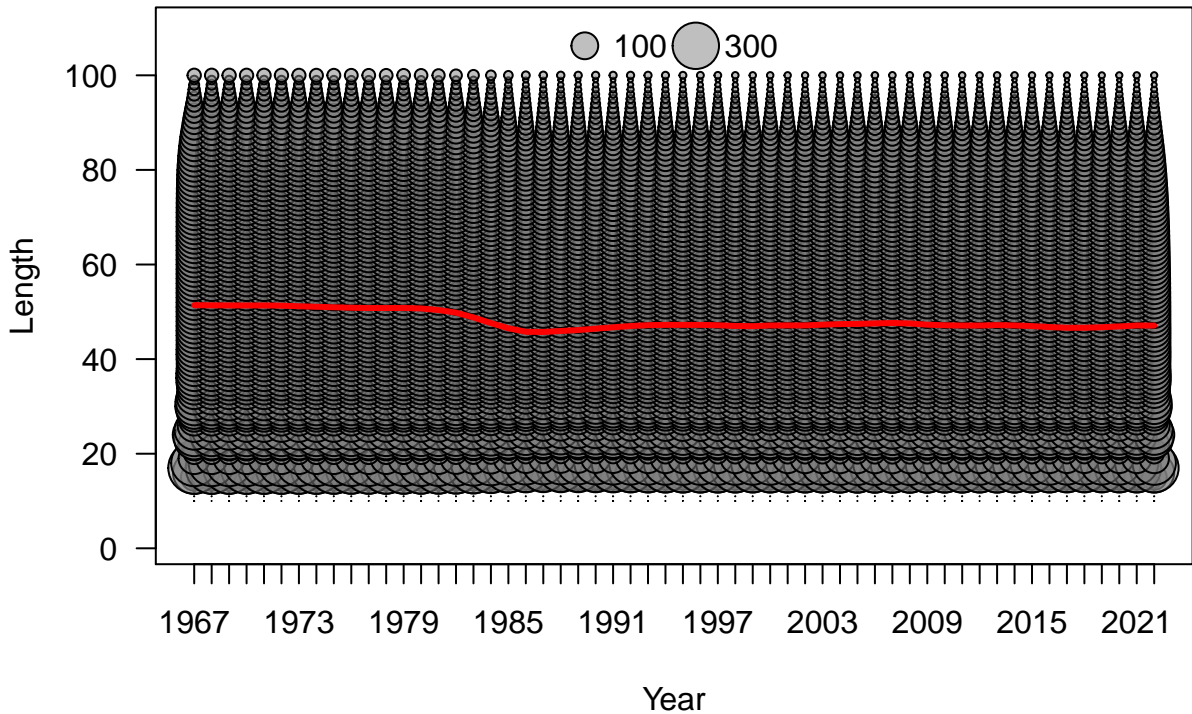
Age

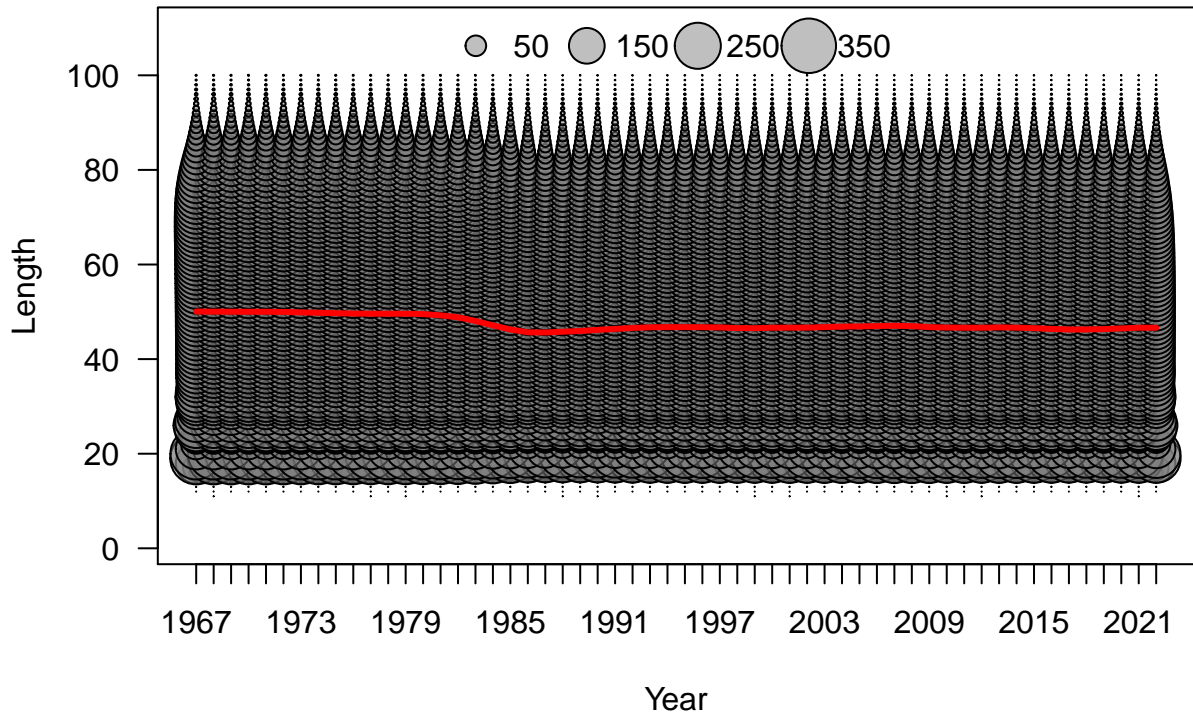


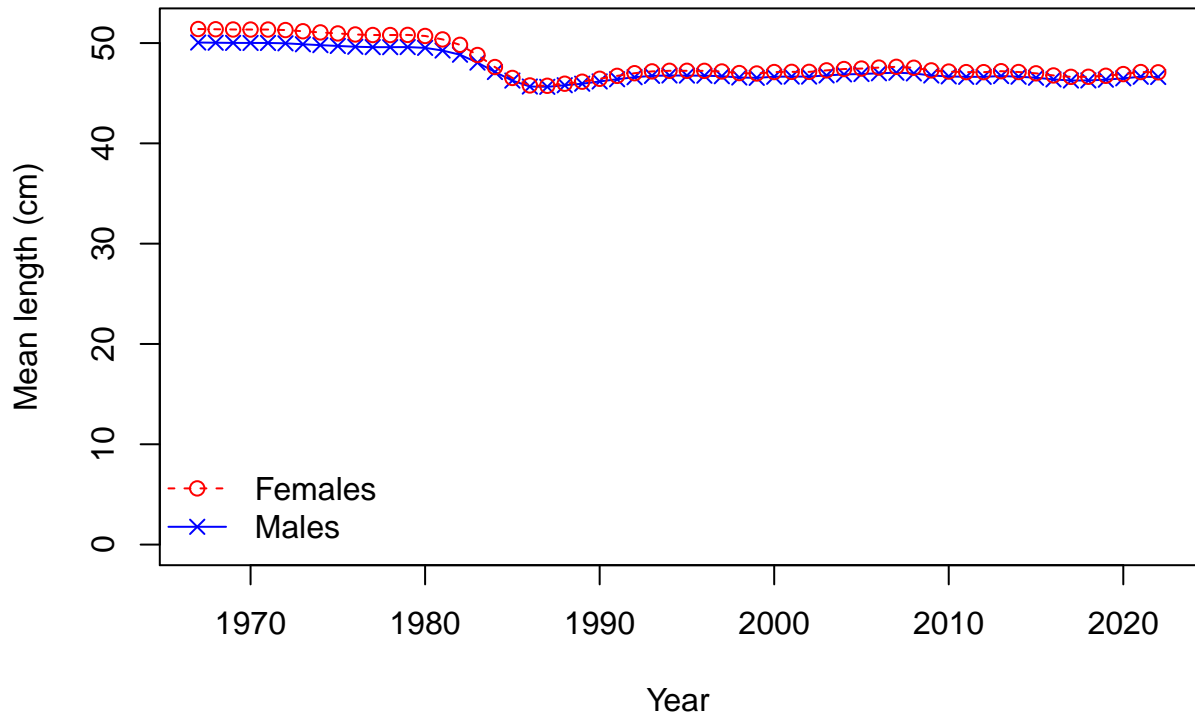


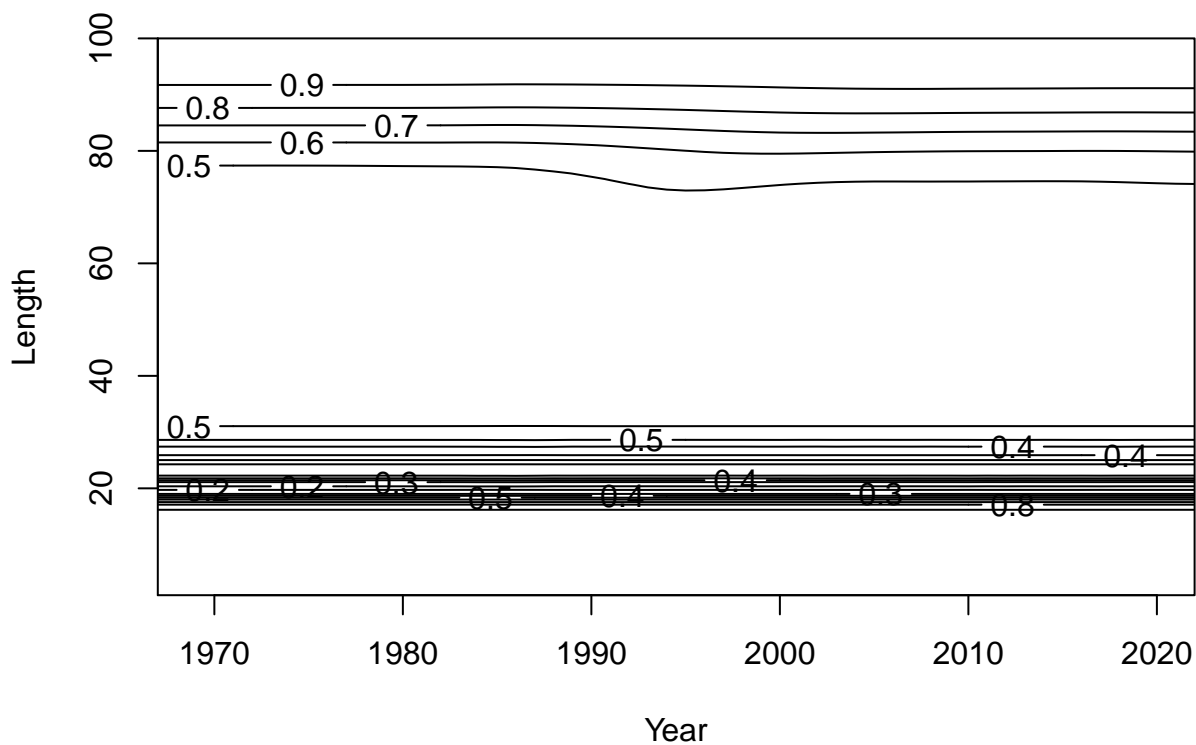




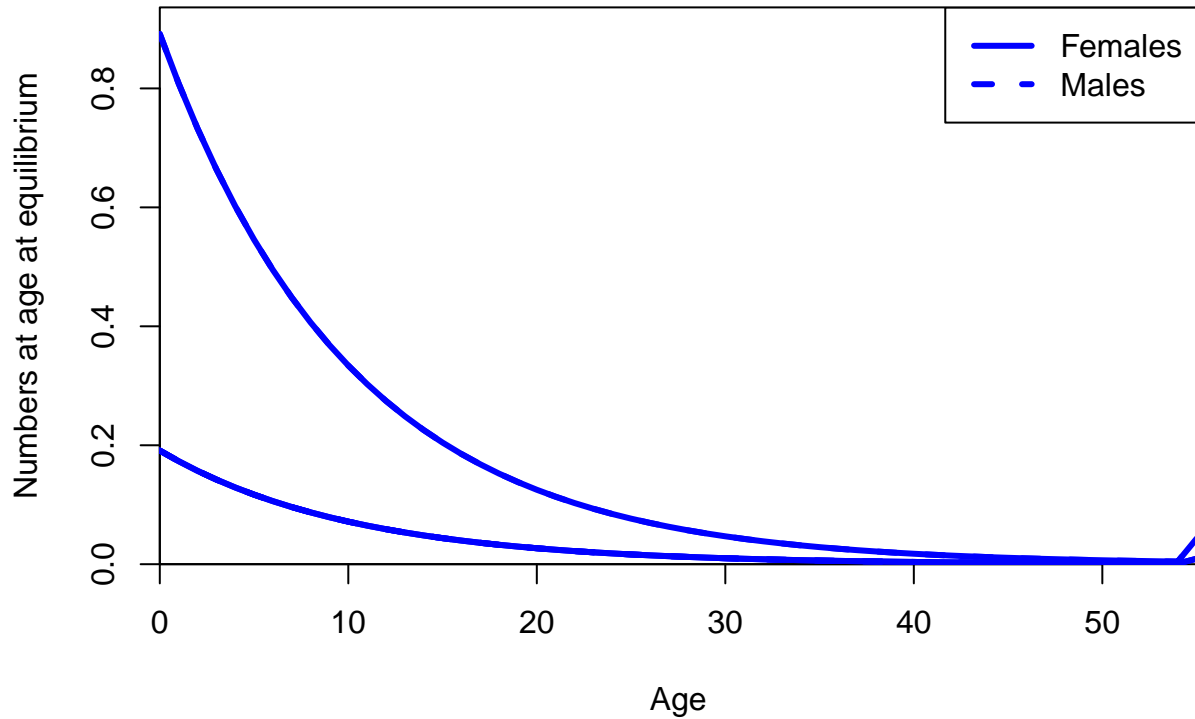


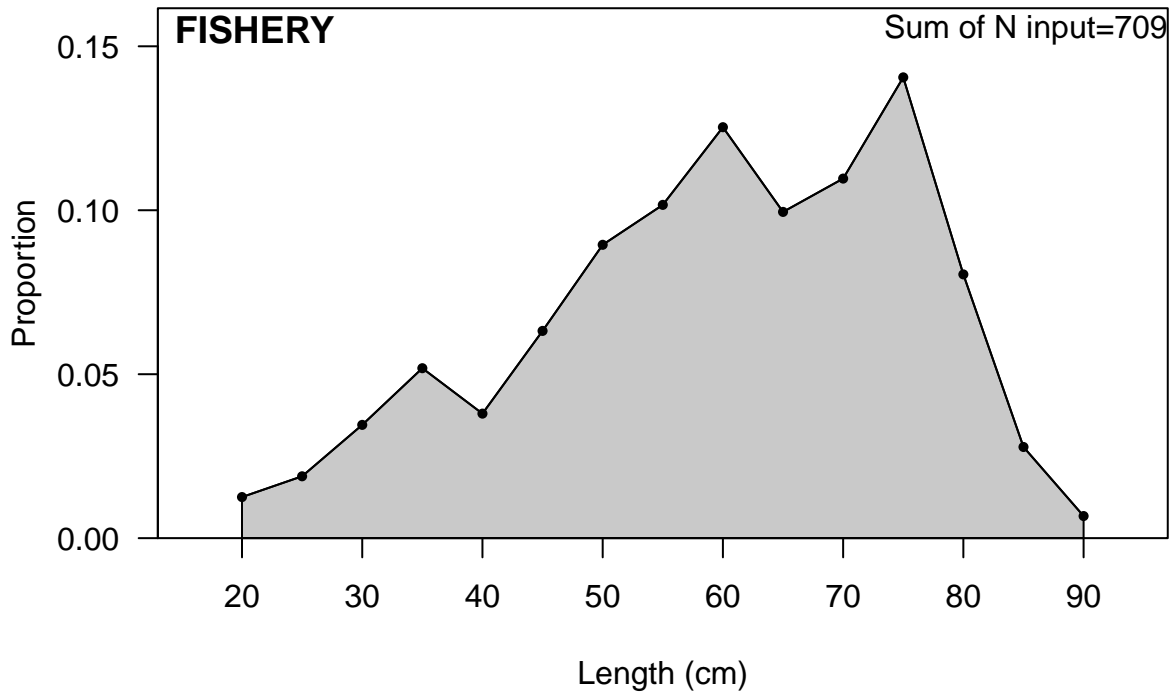


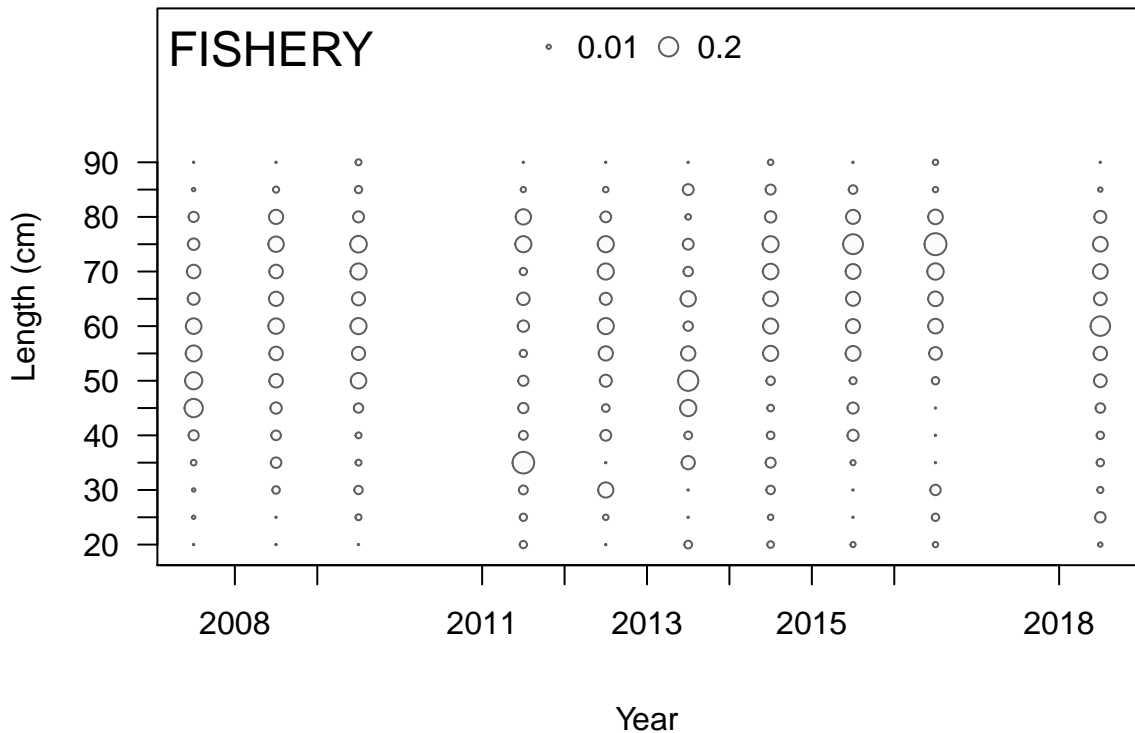




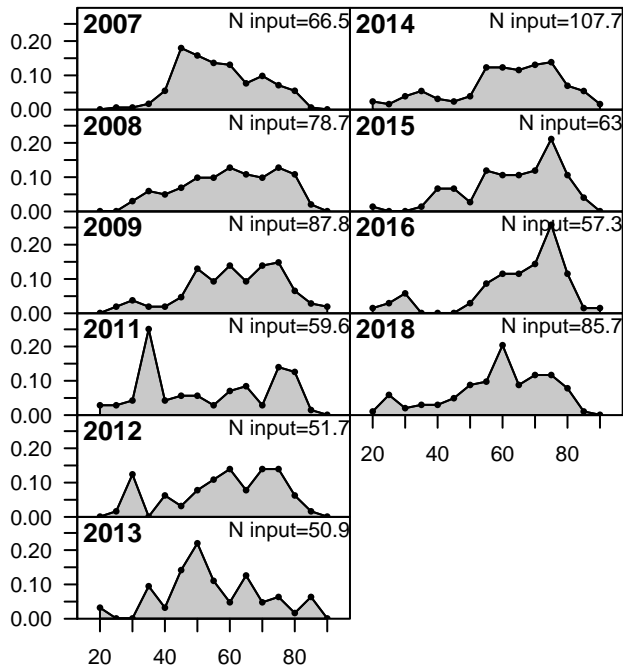








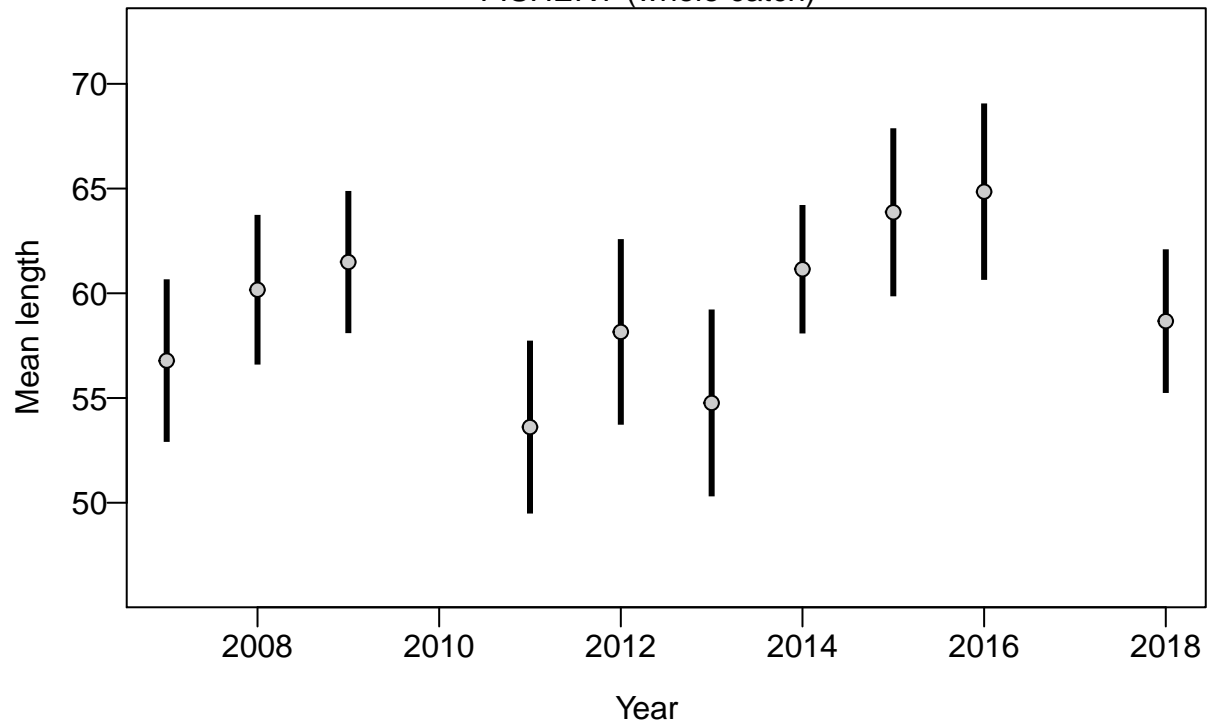
Proportion

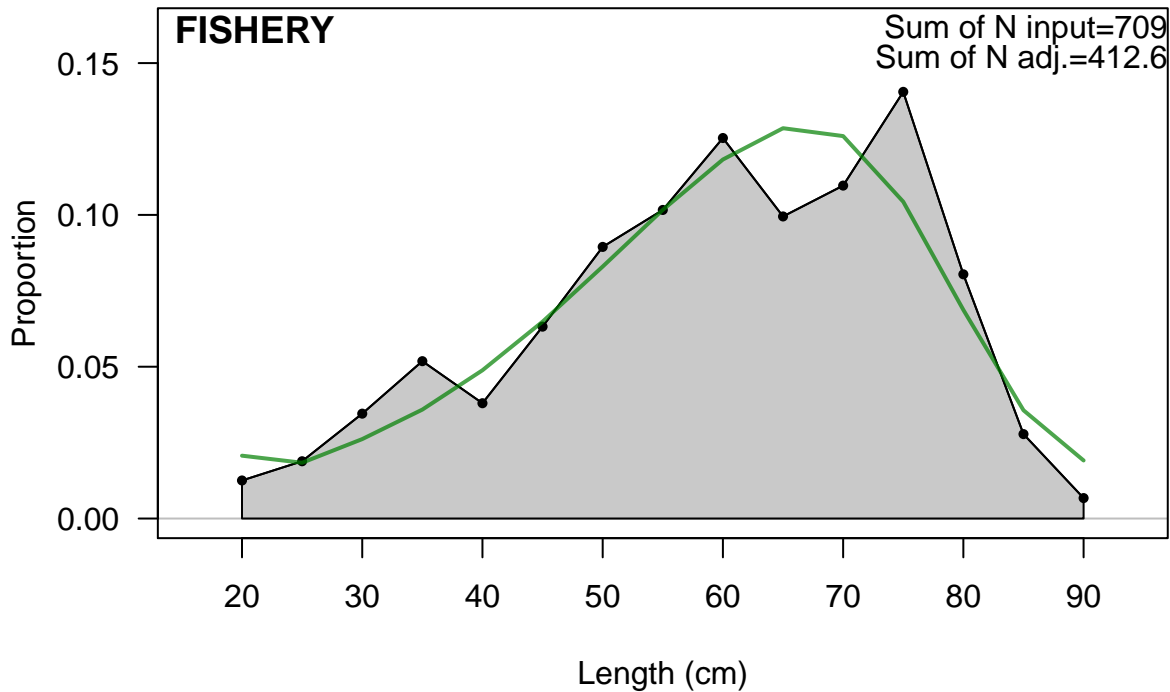


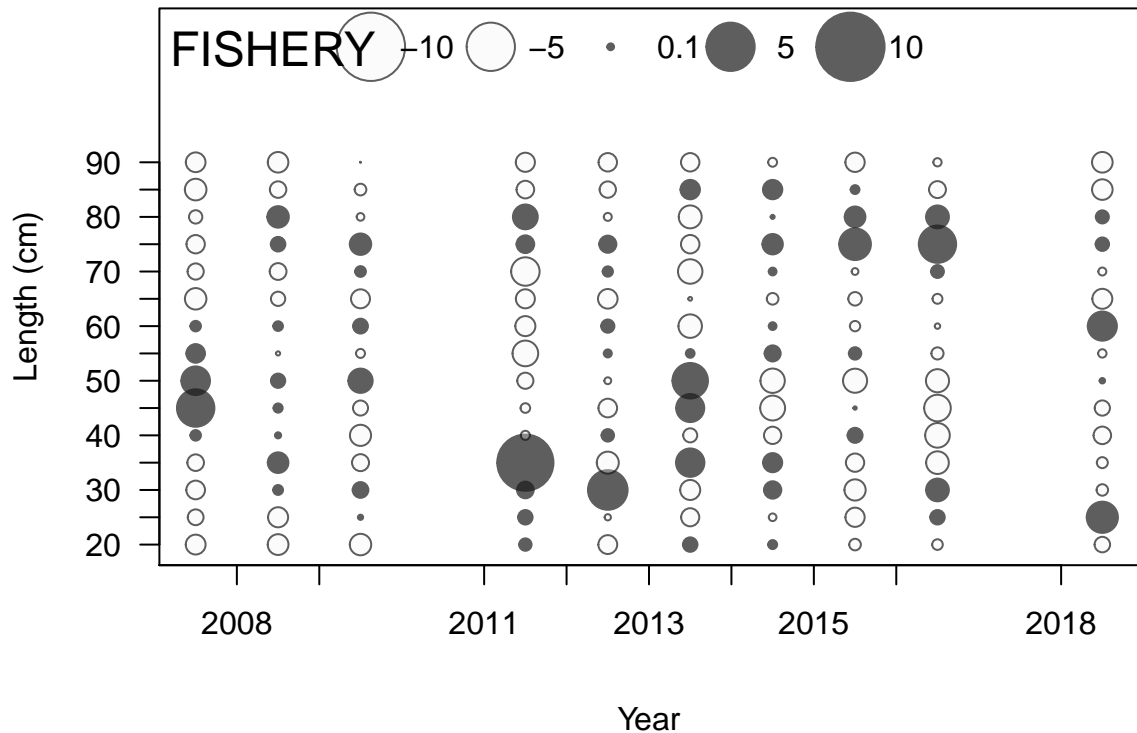
Length (cm)



FISHERY (whole catch)

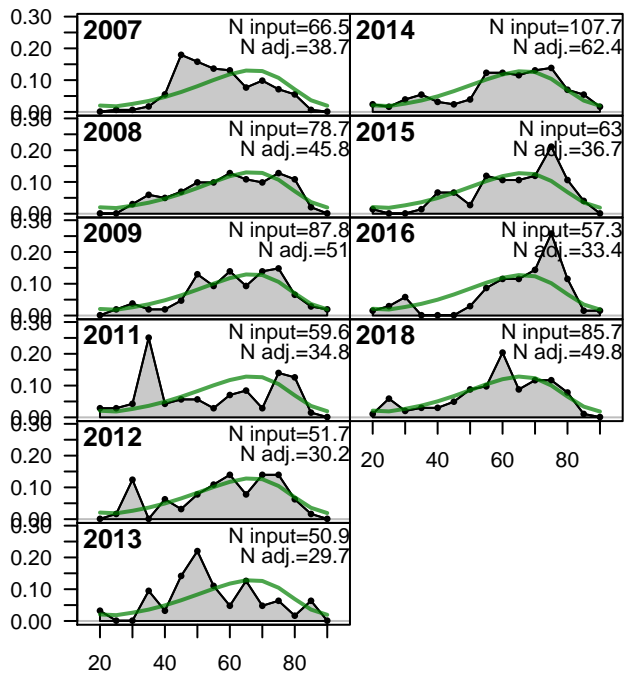




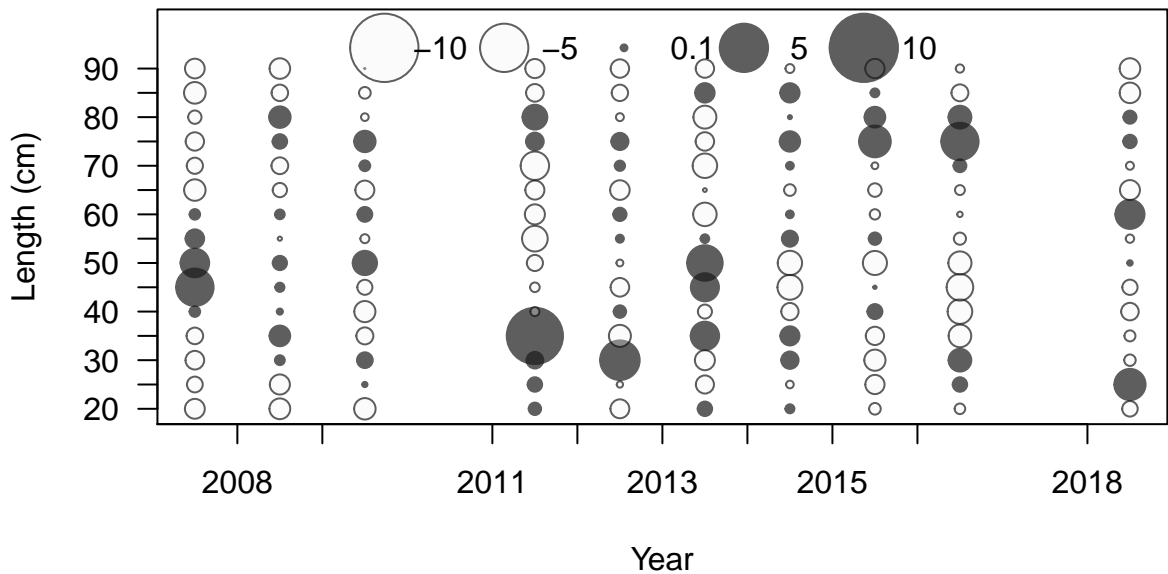




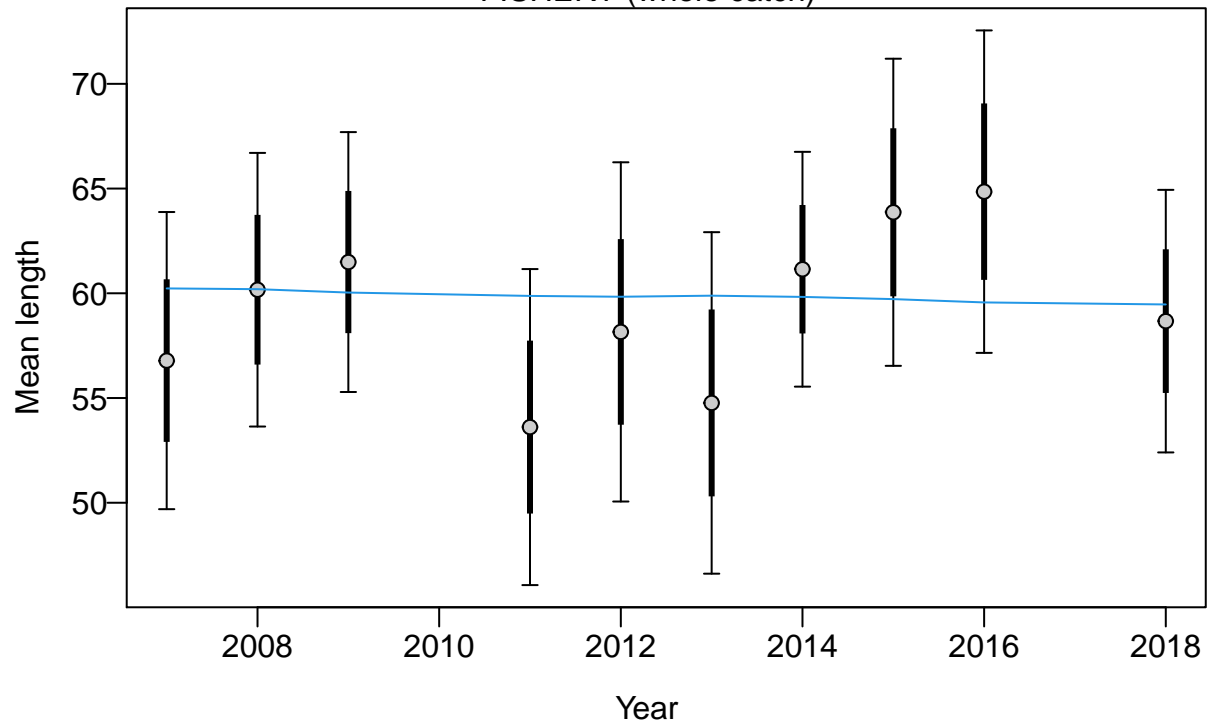
Proportion

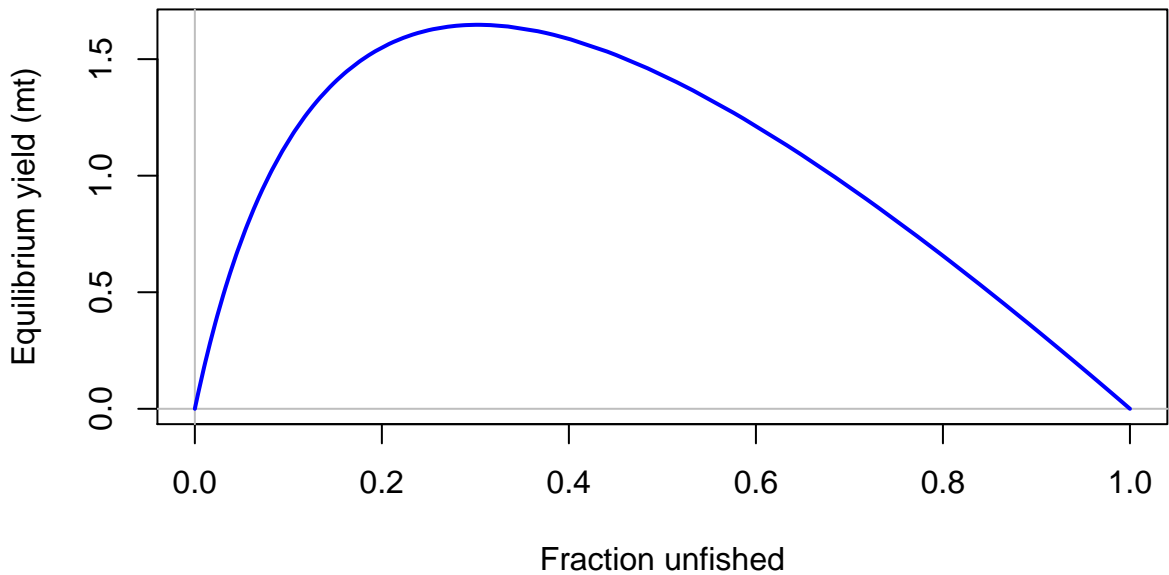


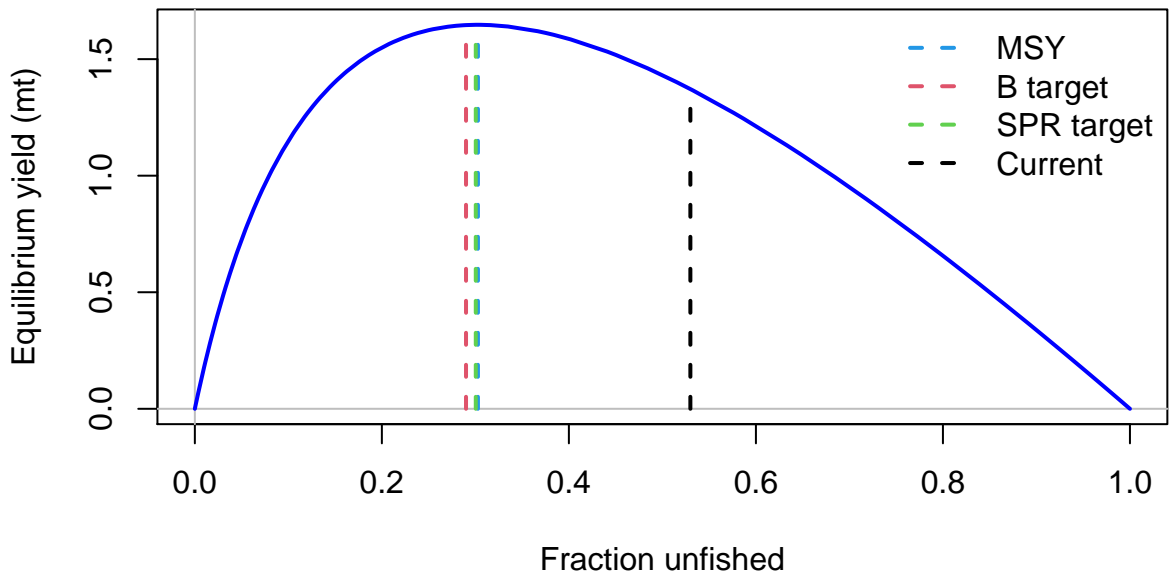
Length (cm)

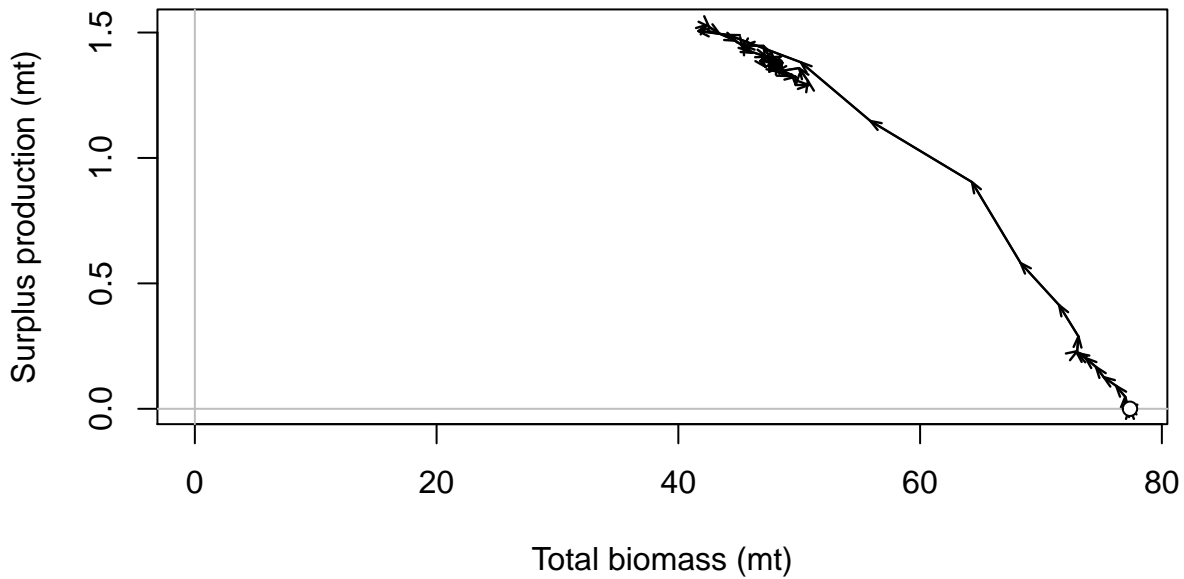


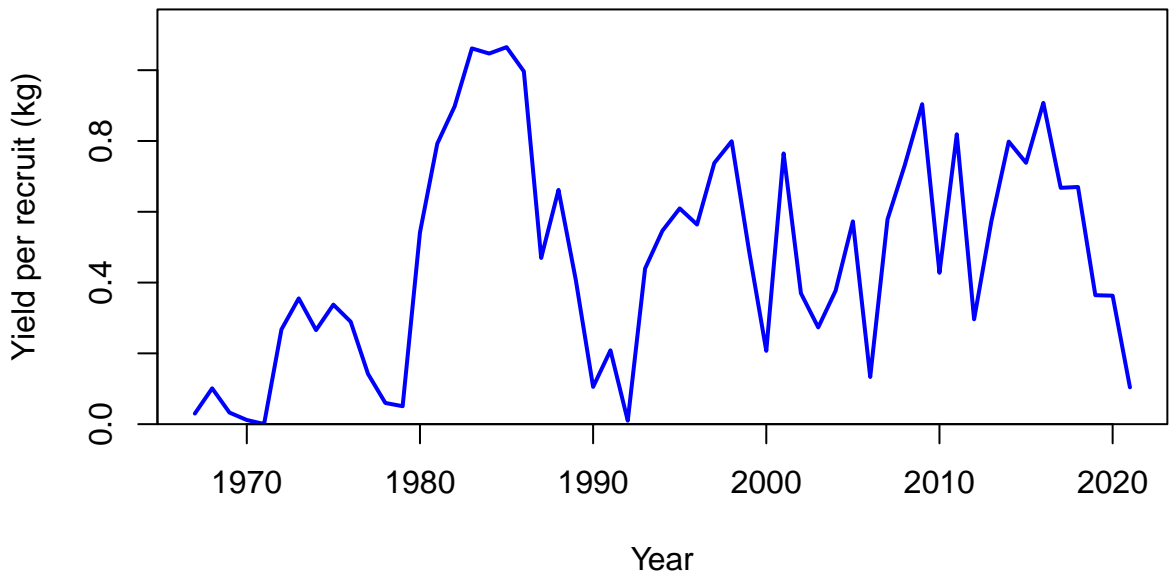
## FISHERY (whole catch)

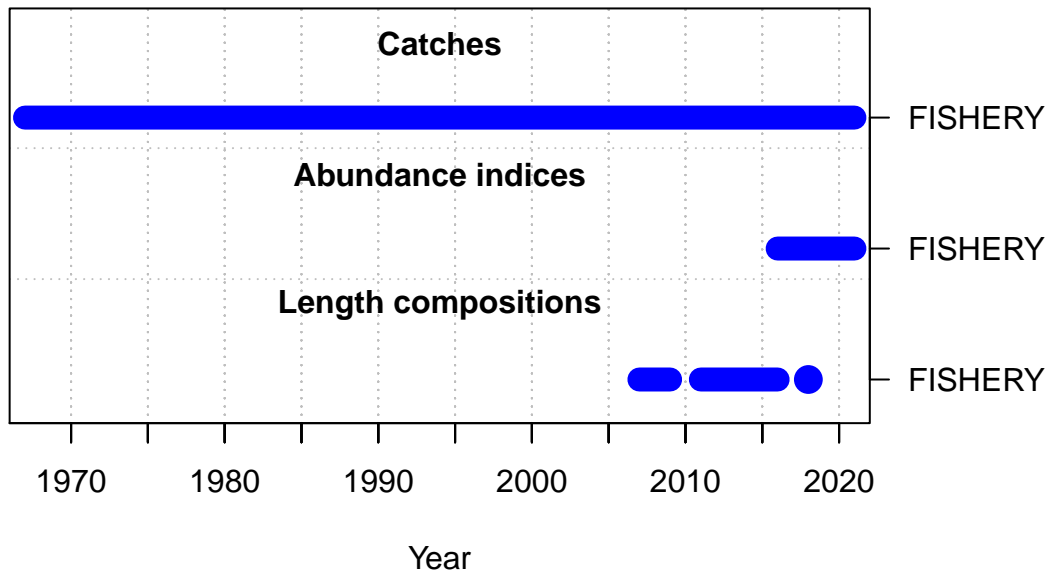




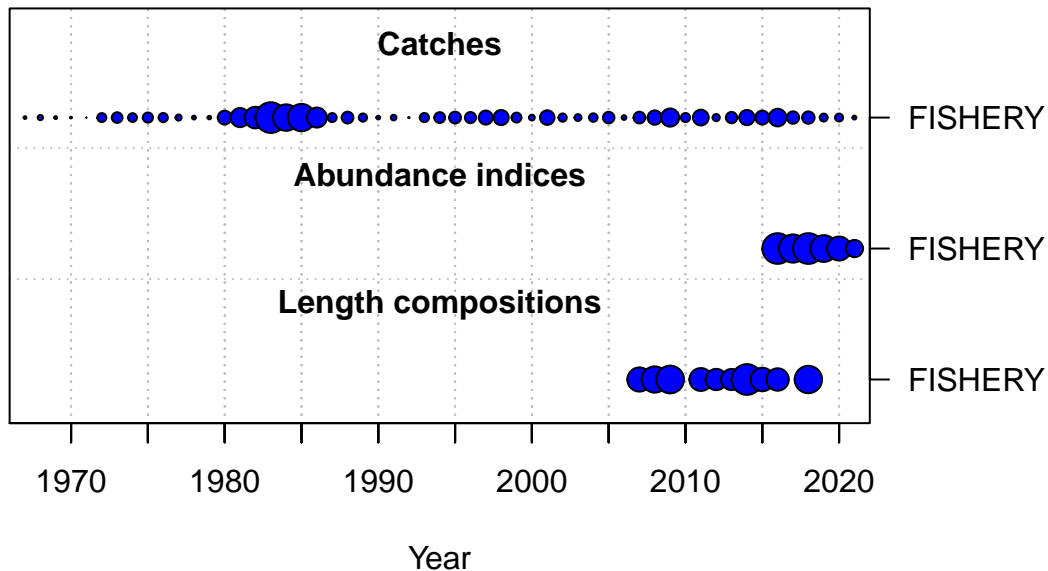




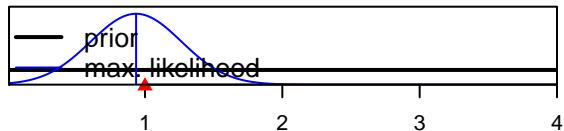




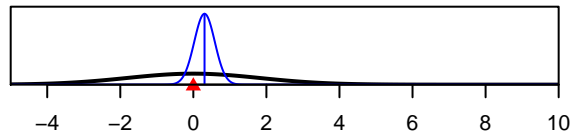




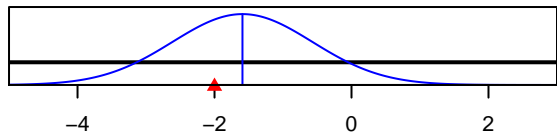
SR\_LN(R0)



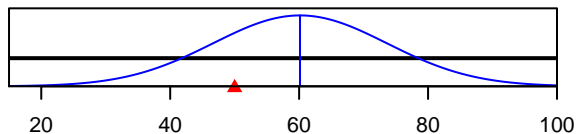
ln(DM\_theta)\_1



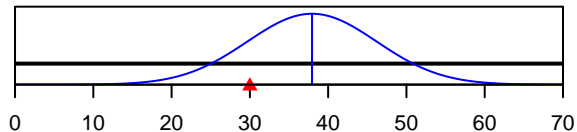
LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Size\_95%width\_FISHERY(1)



Parameter value