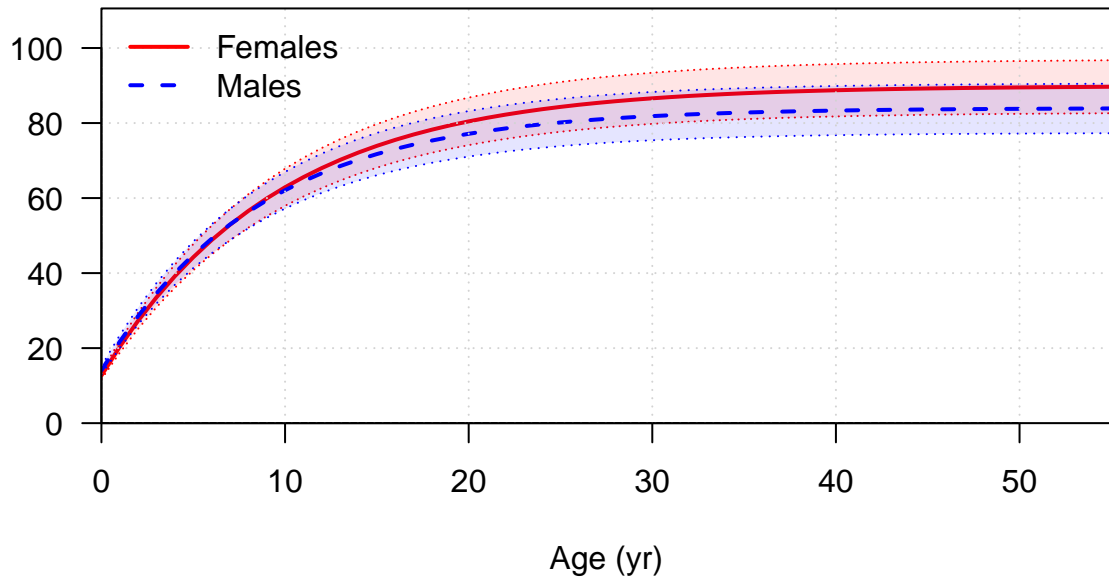
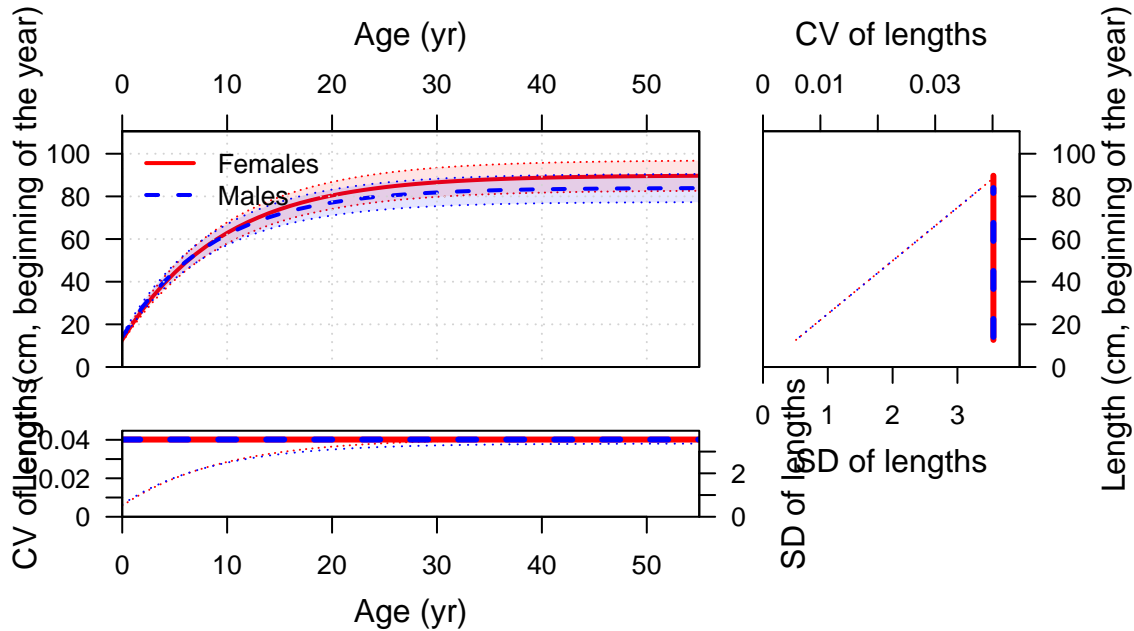
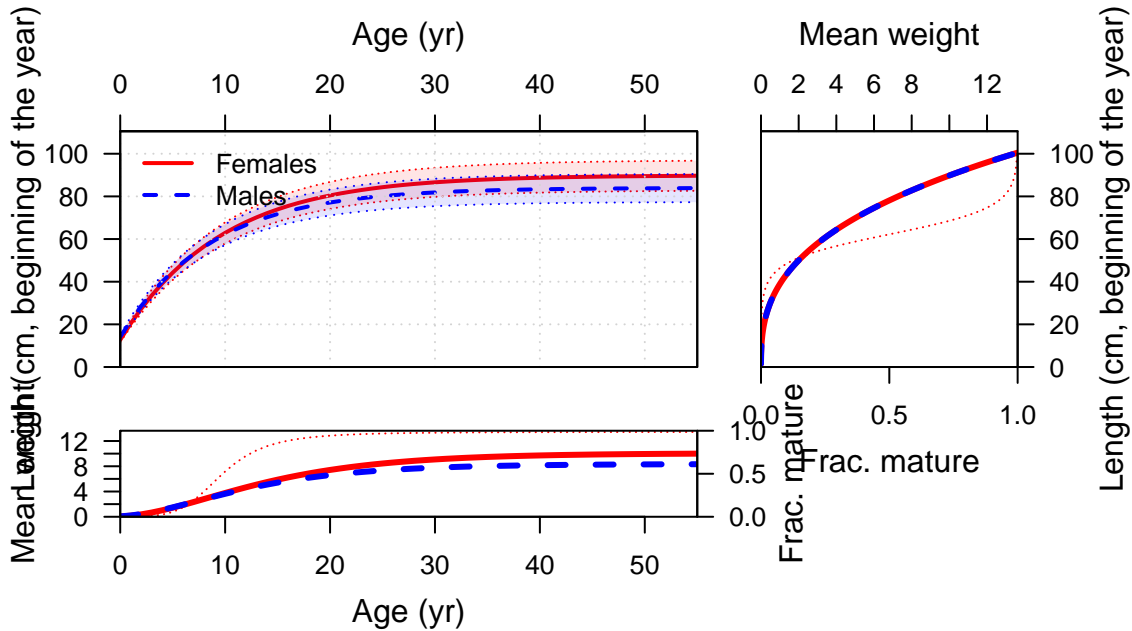


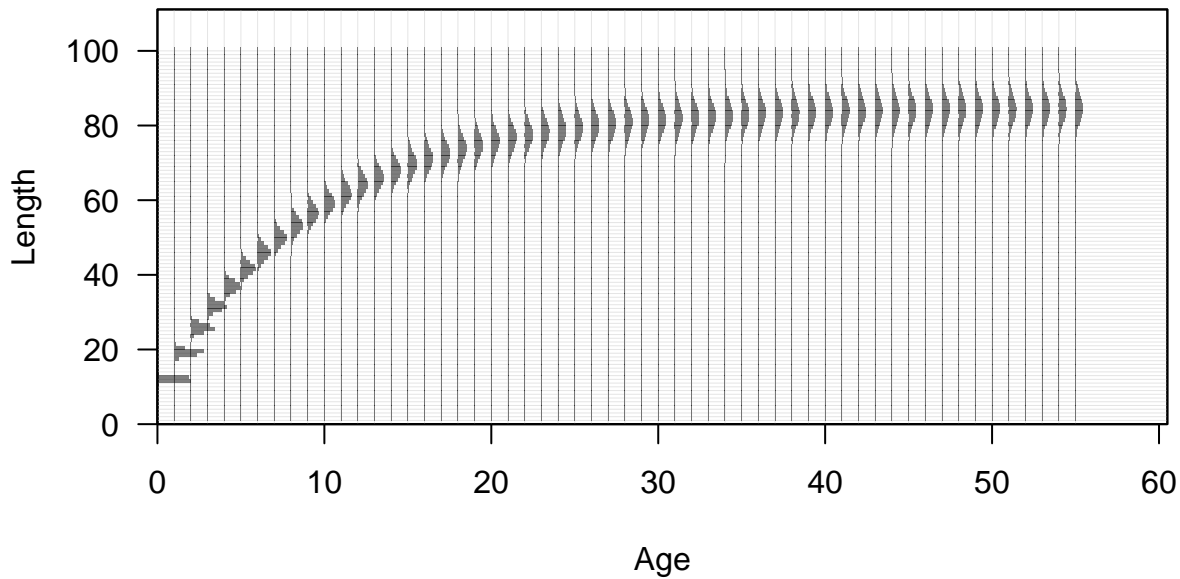
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Tue Jan 24 11:46:23 2023
Data_File: data.ss
Control_File: control.ss

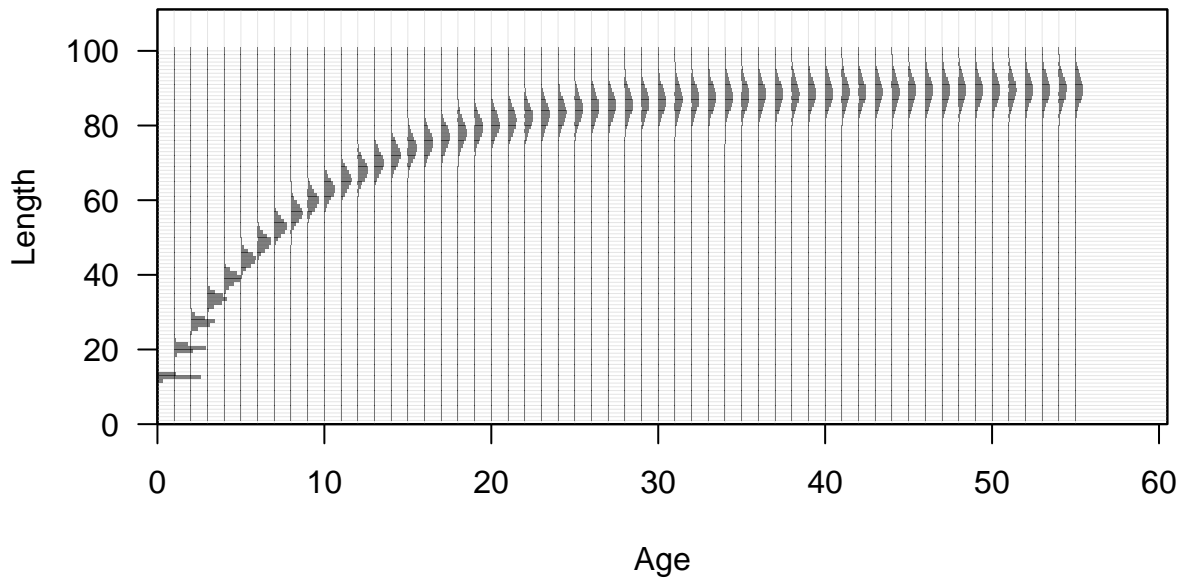
Length (cm, beginning of the year)

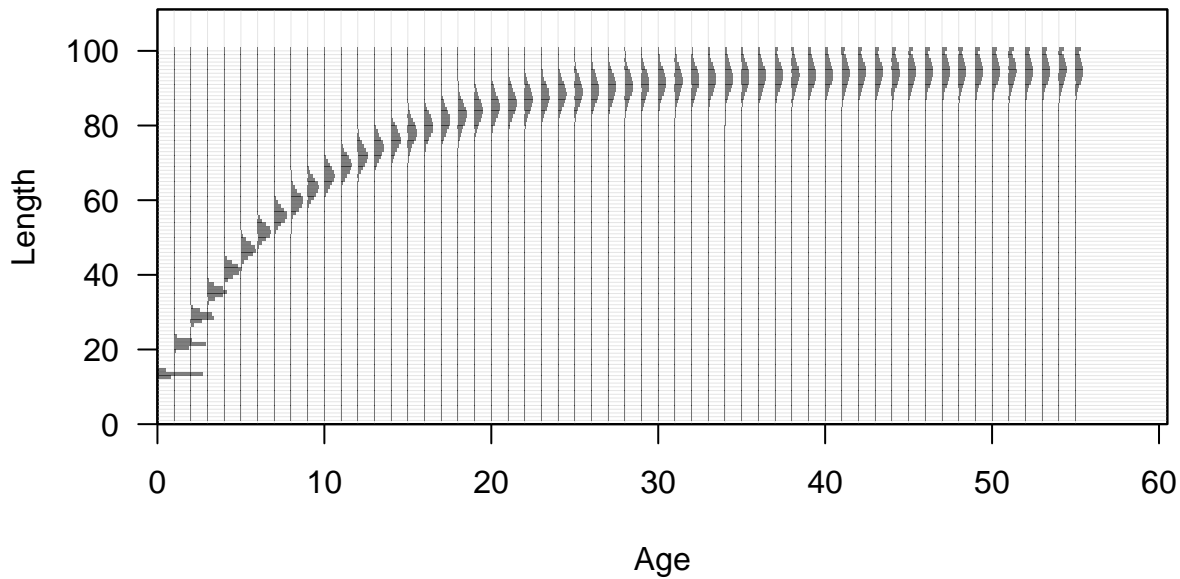


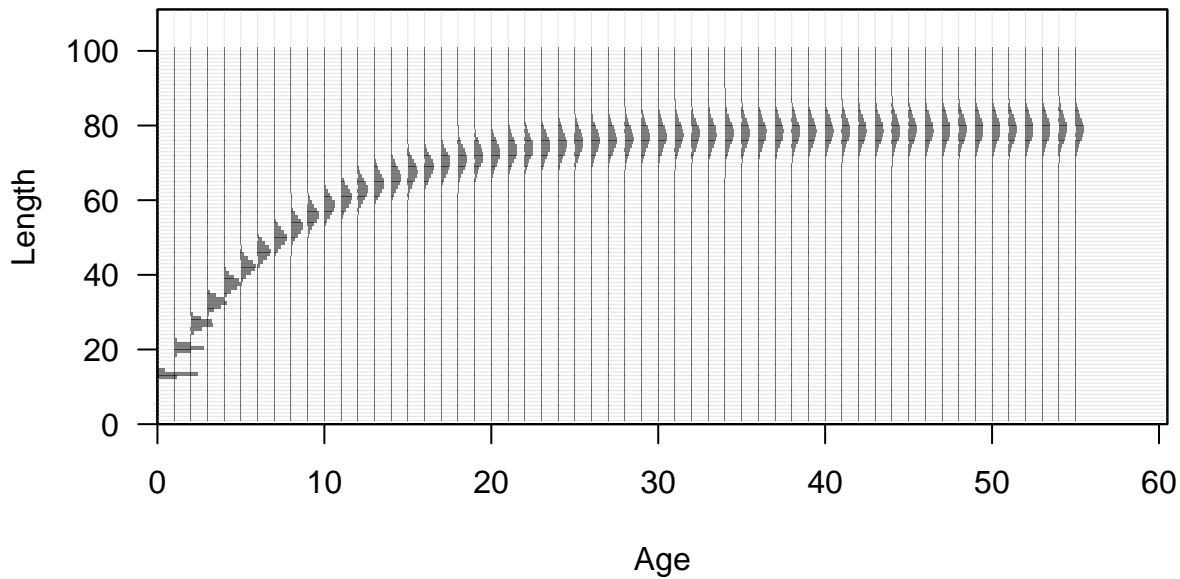


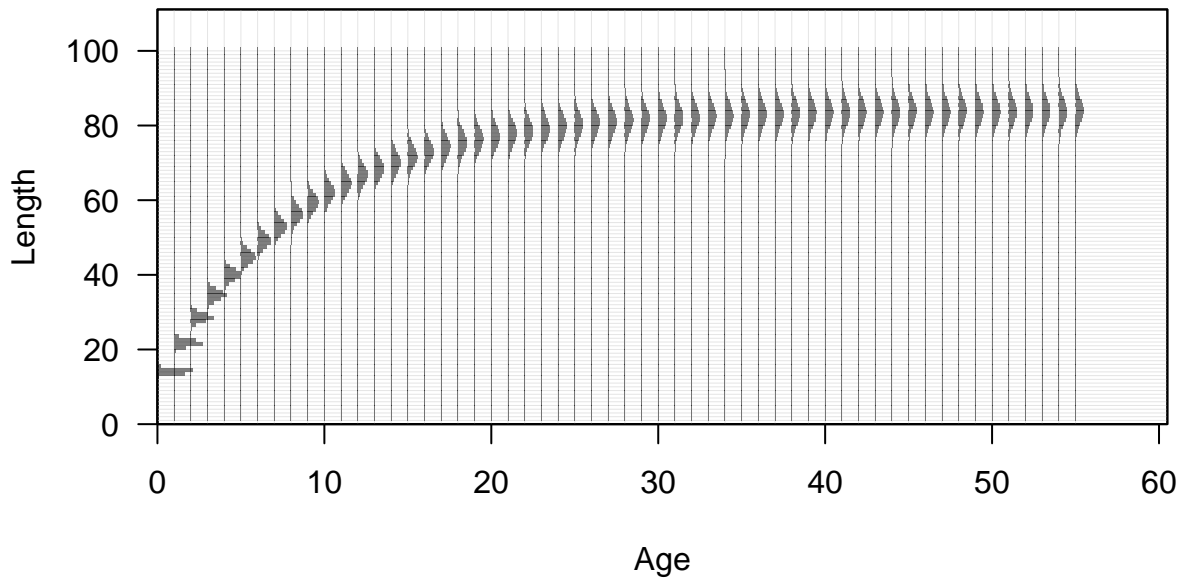


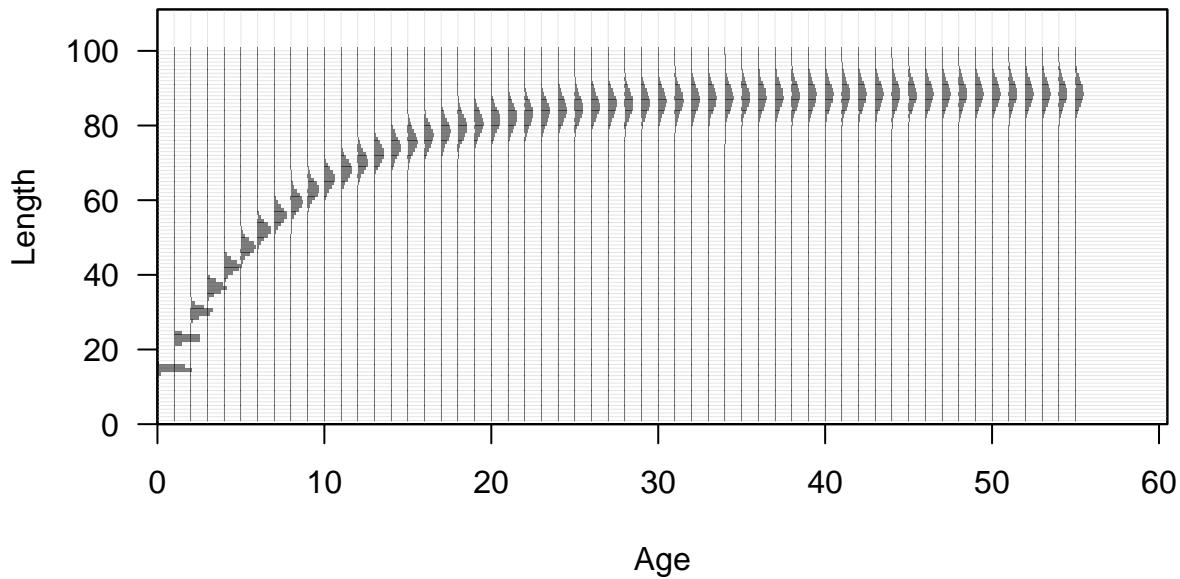


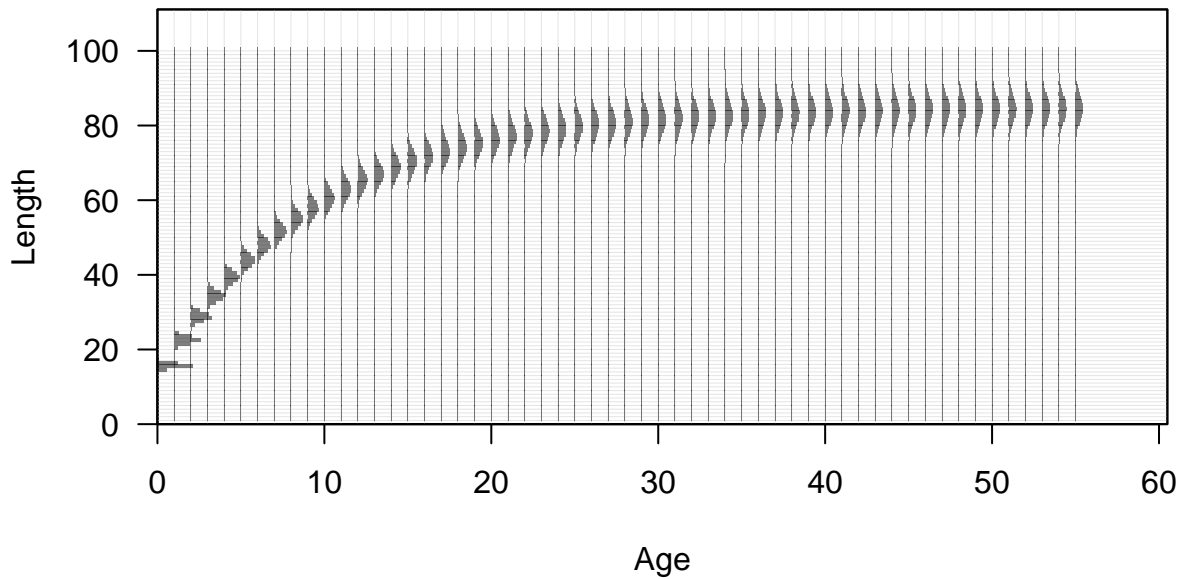


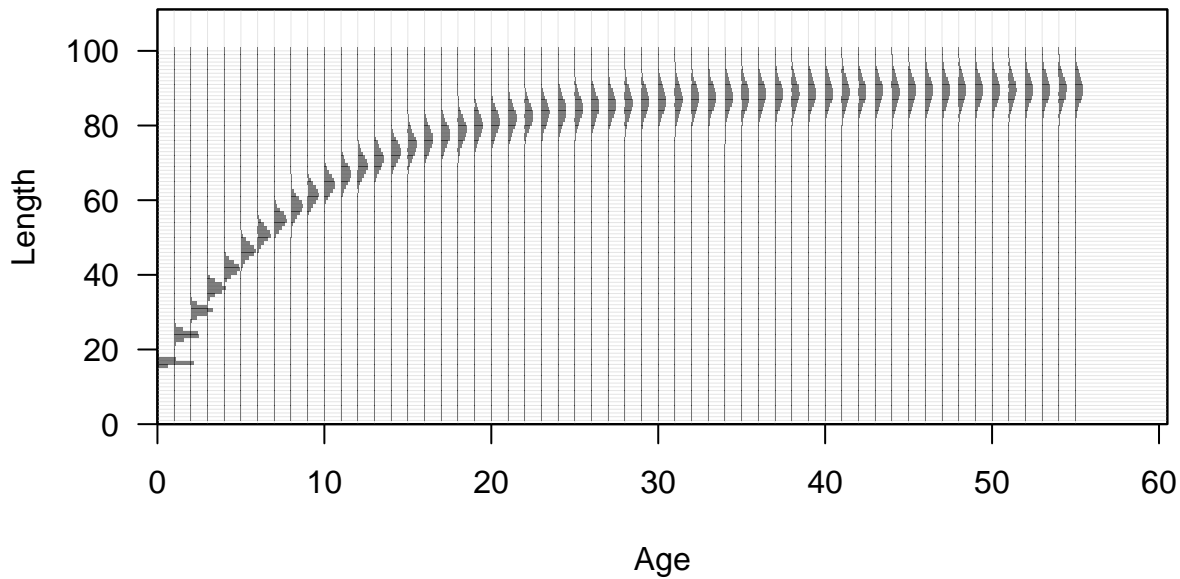


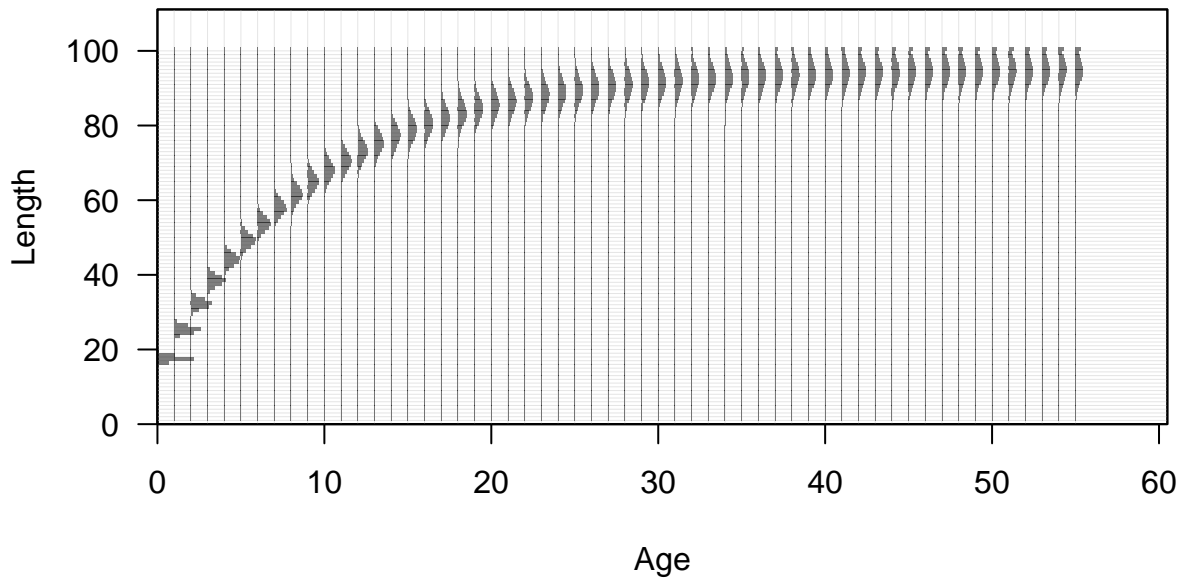


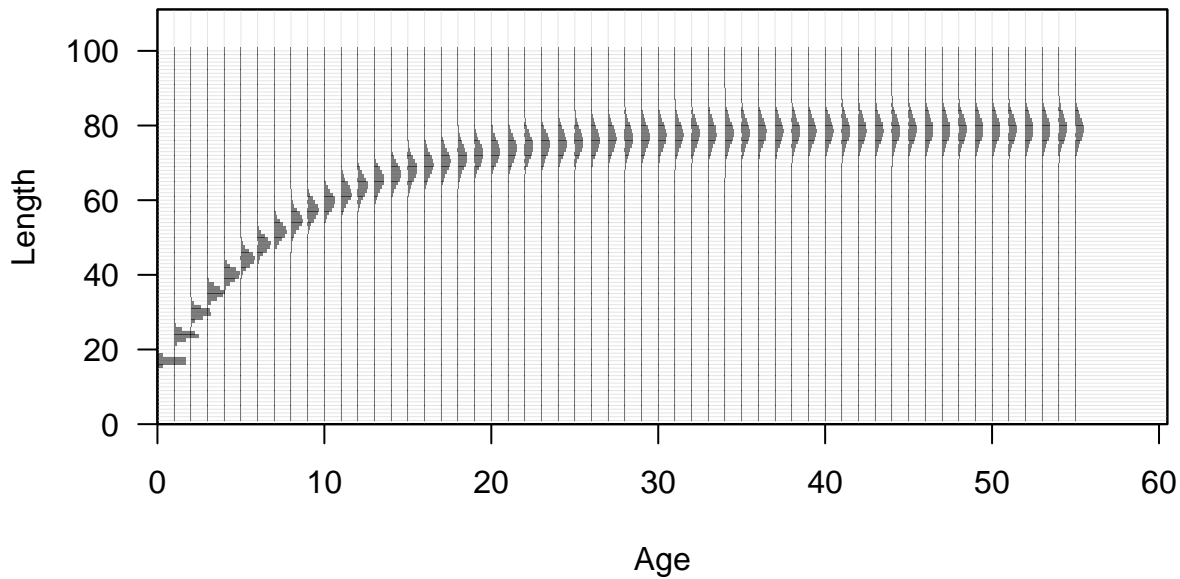


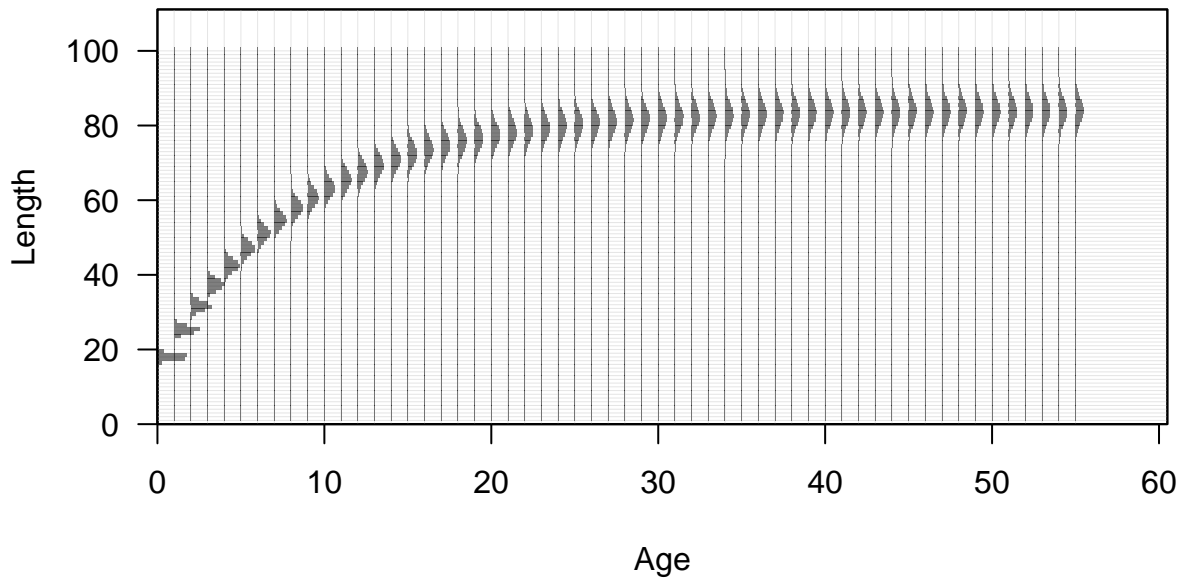


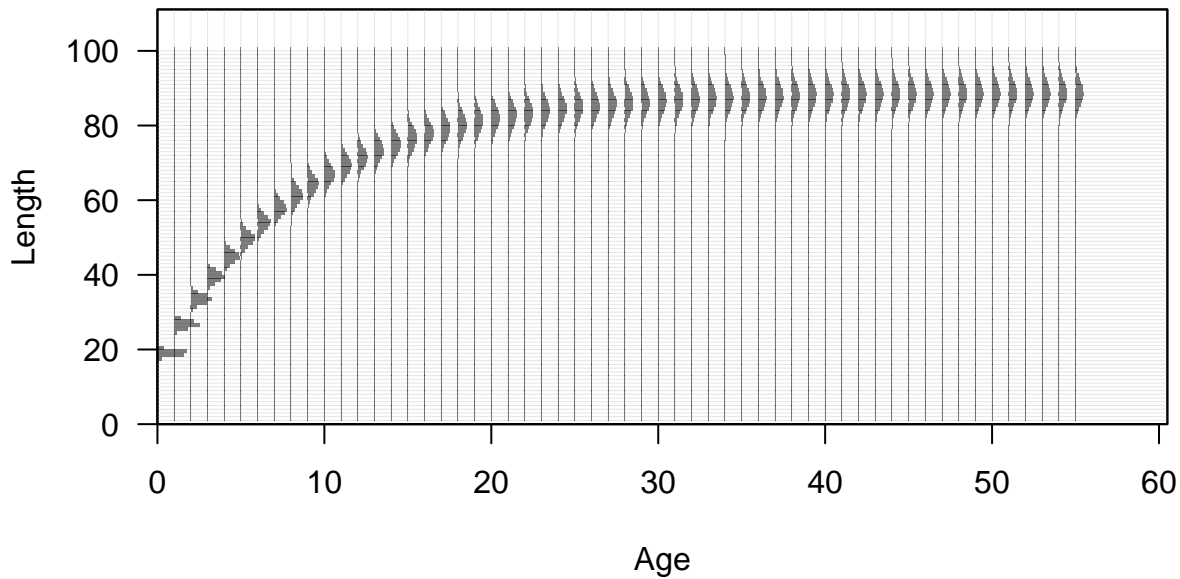


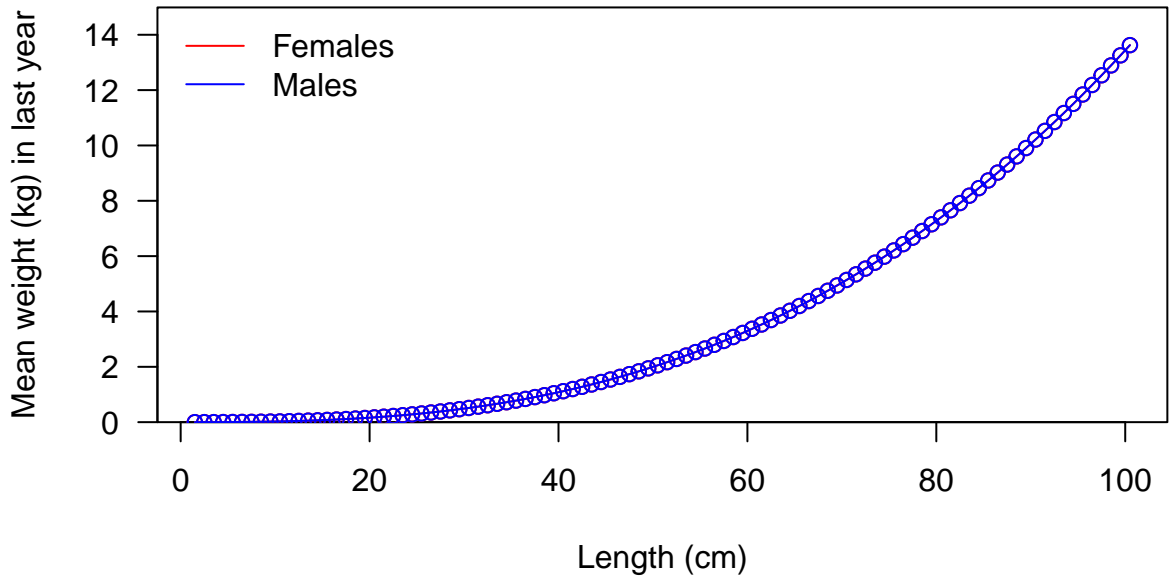


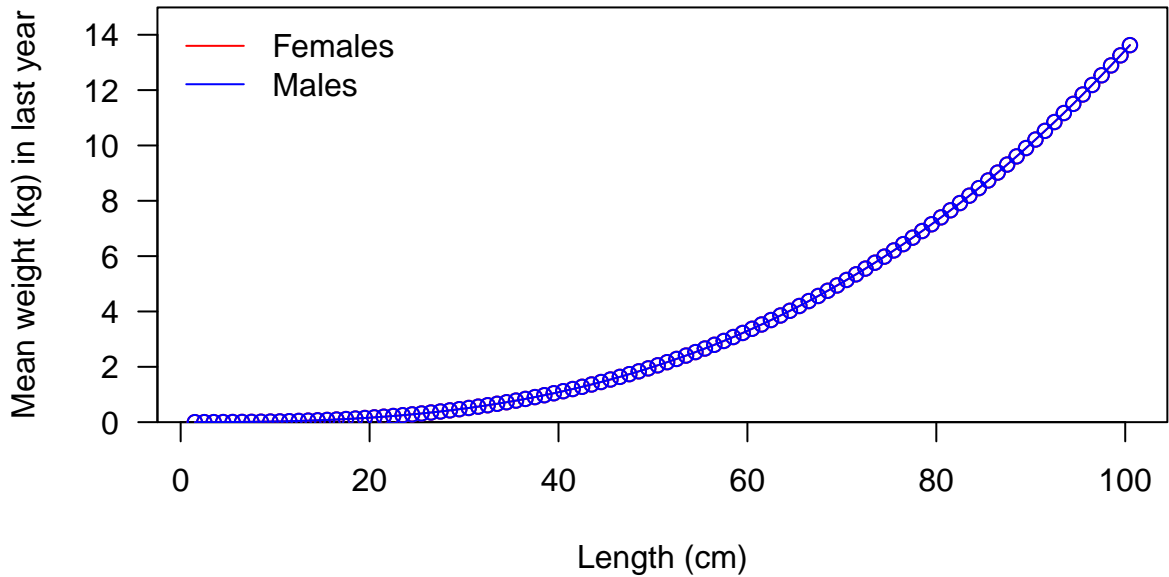


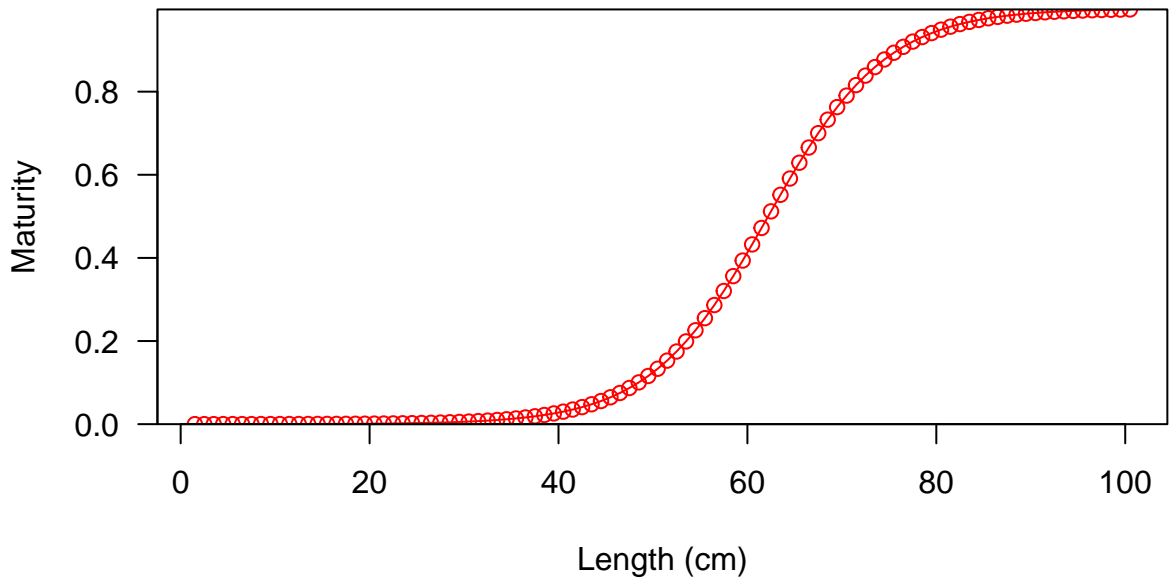


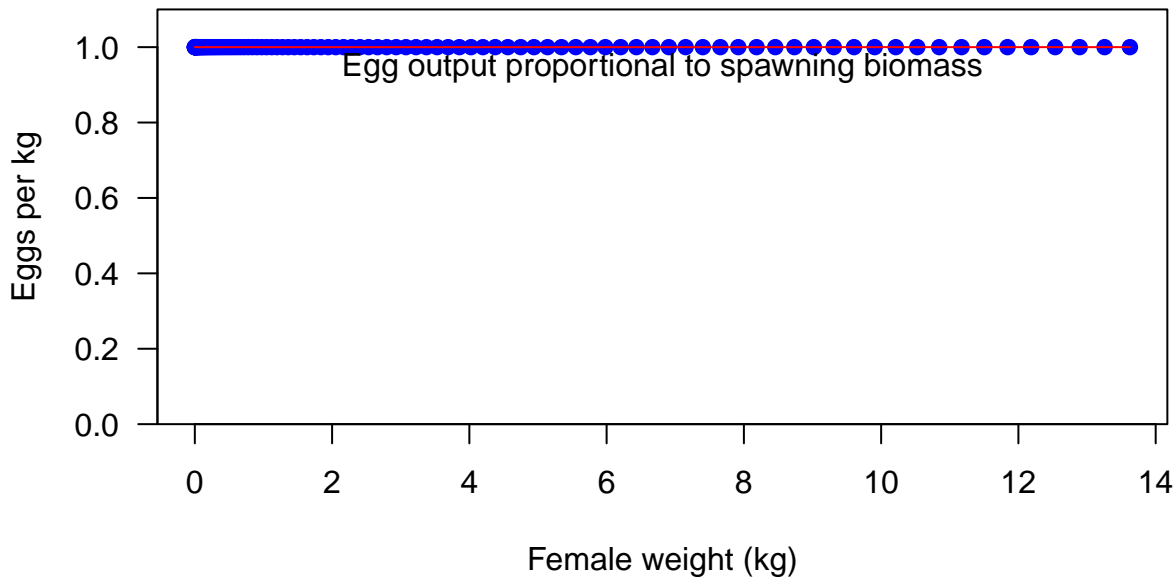




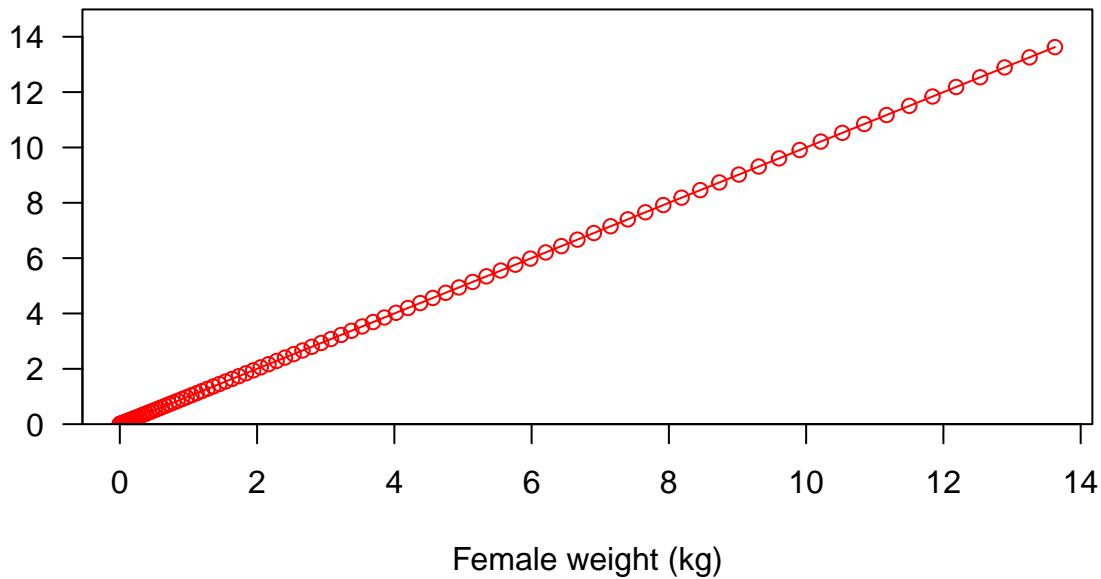




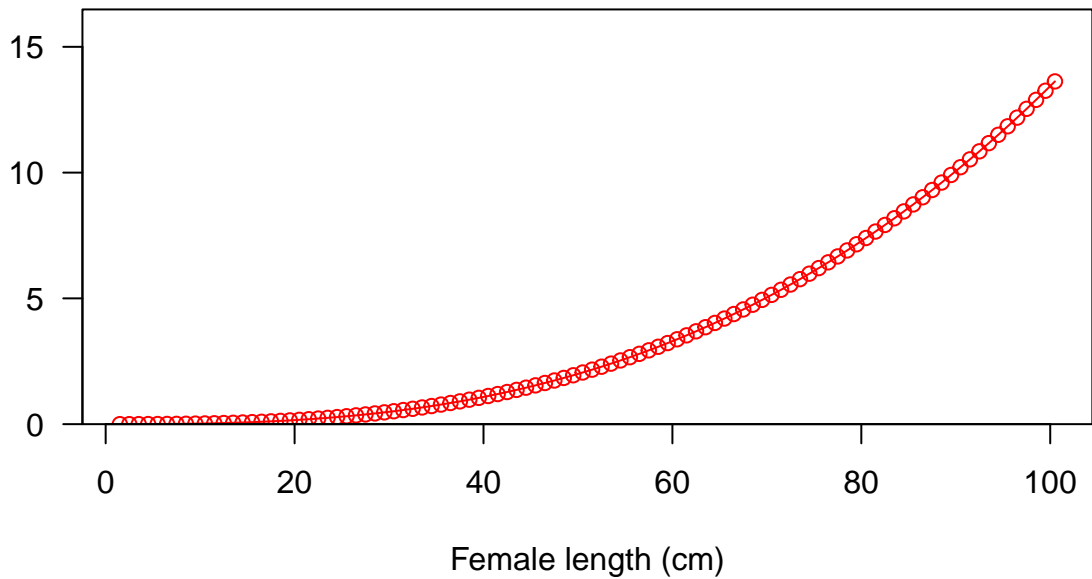




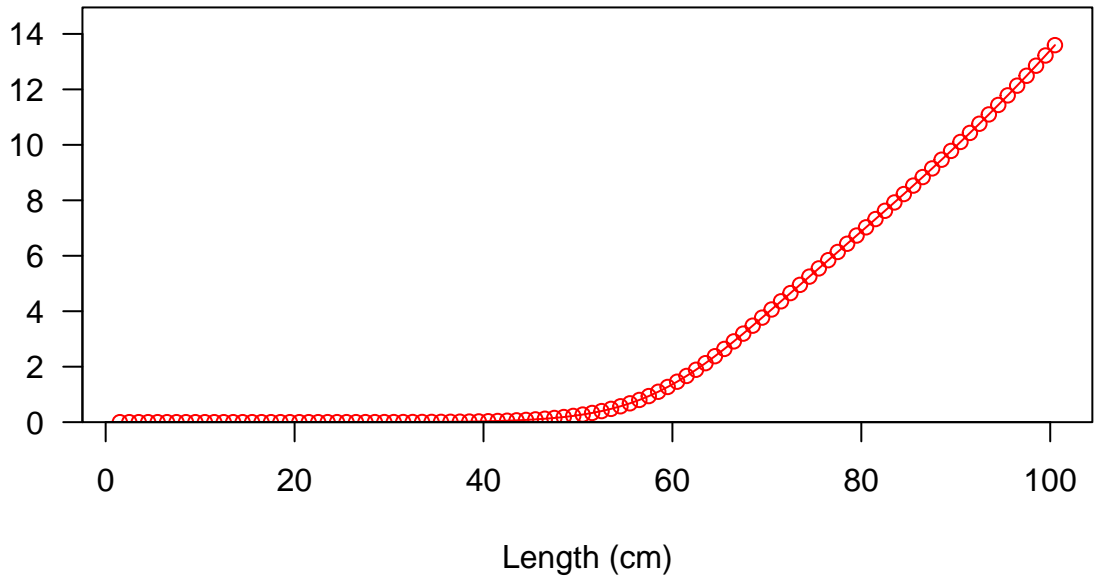
Fecundity



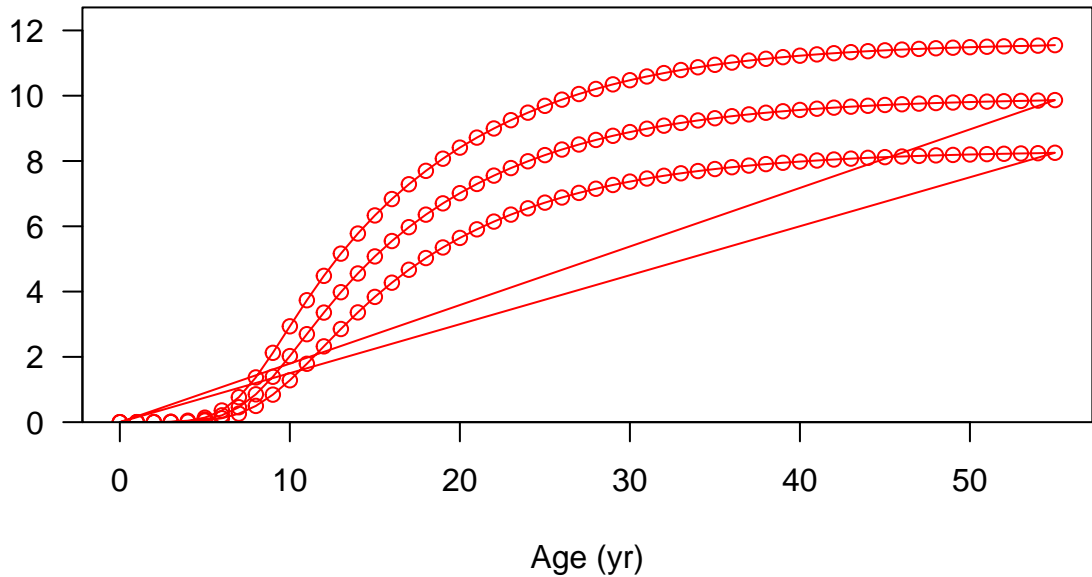
Fecundity



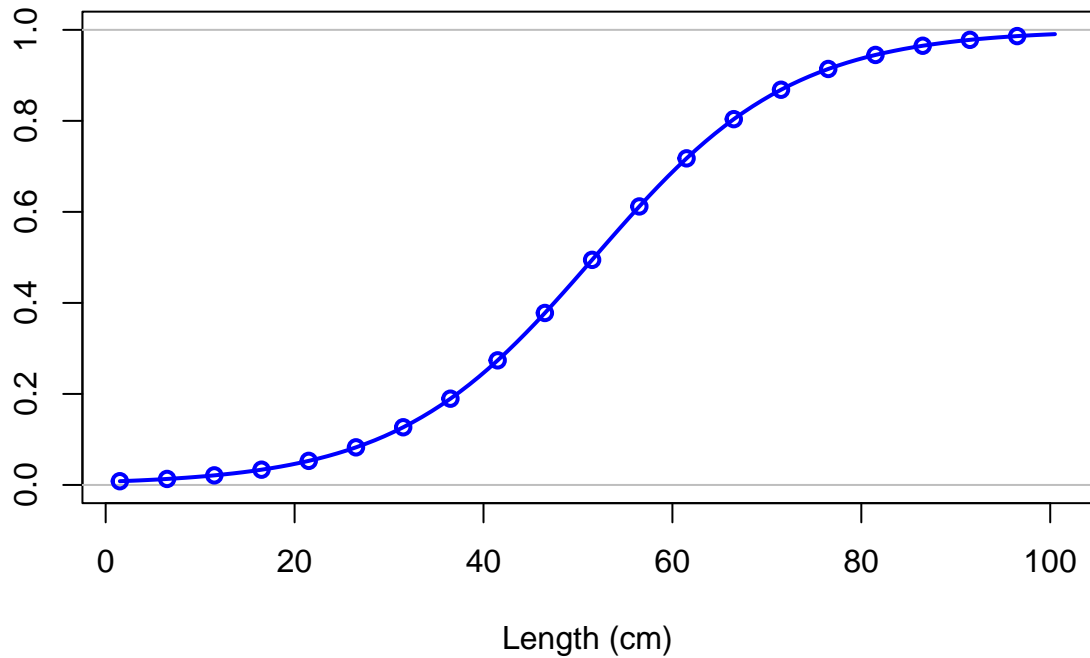
Spawning output



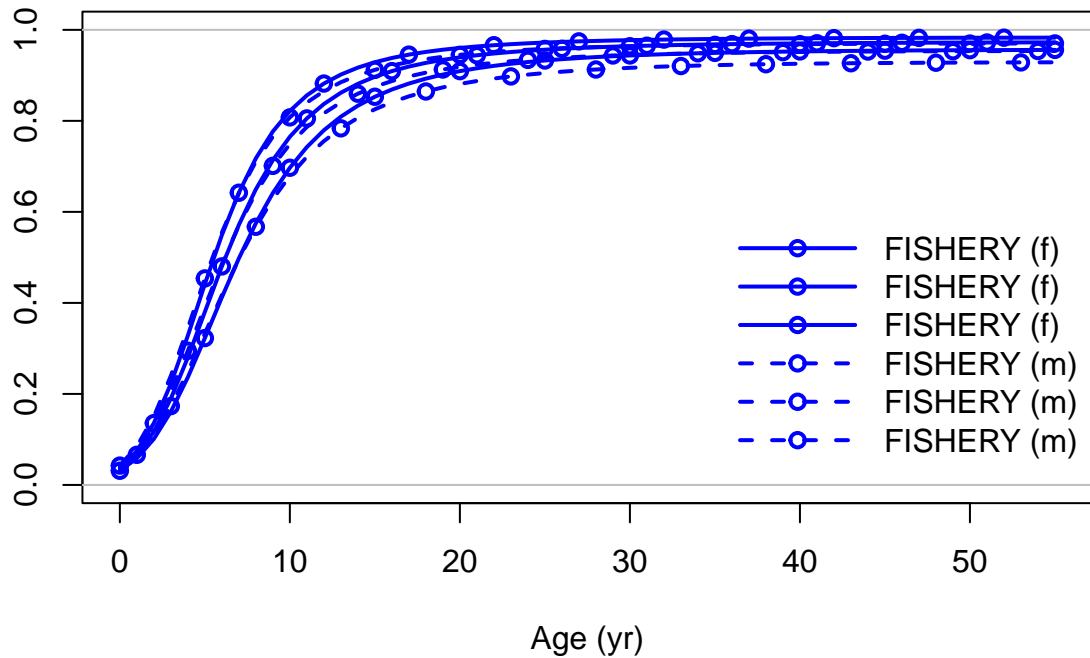
Spawning output



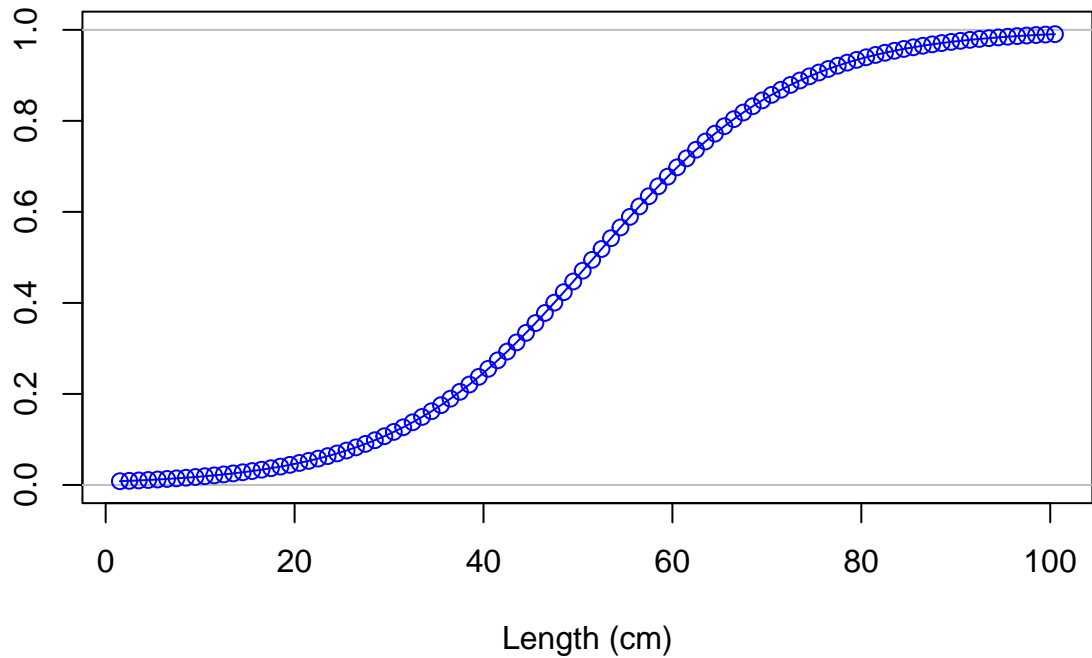
Selectivity



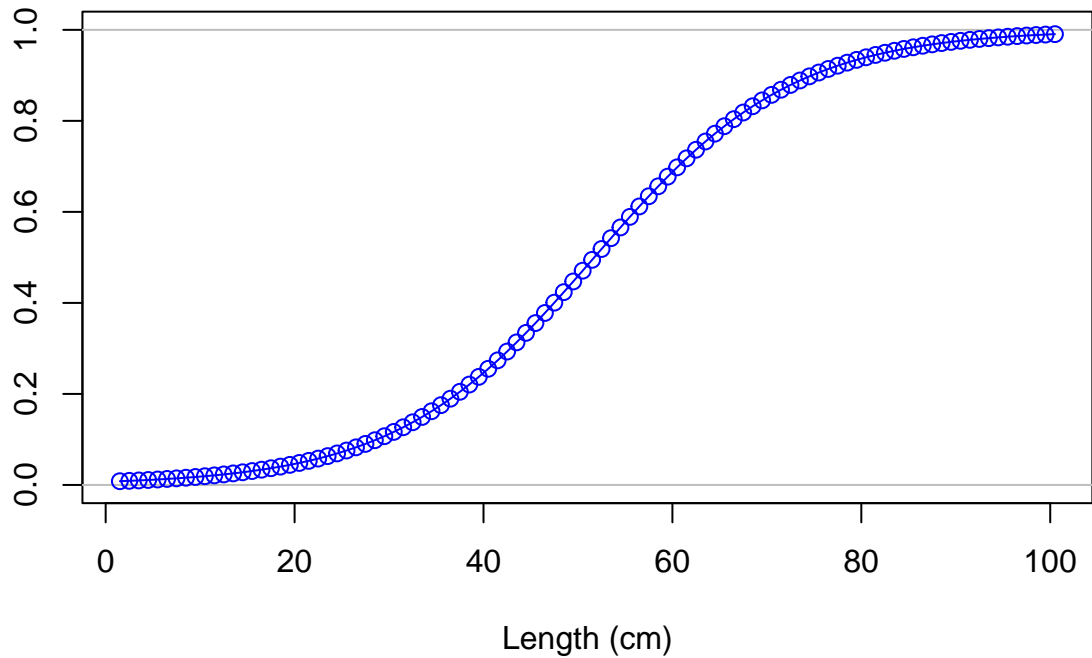
Selectivity

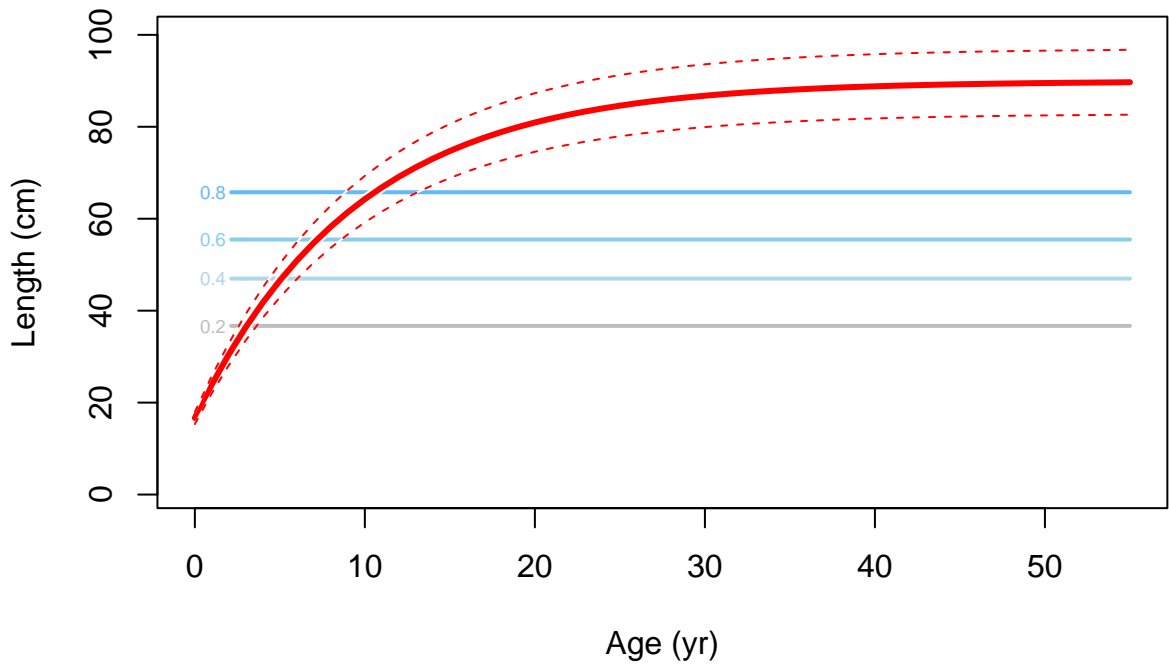


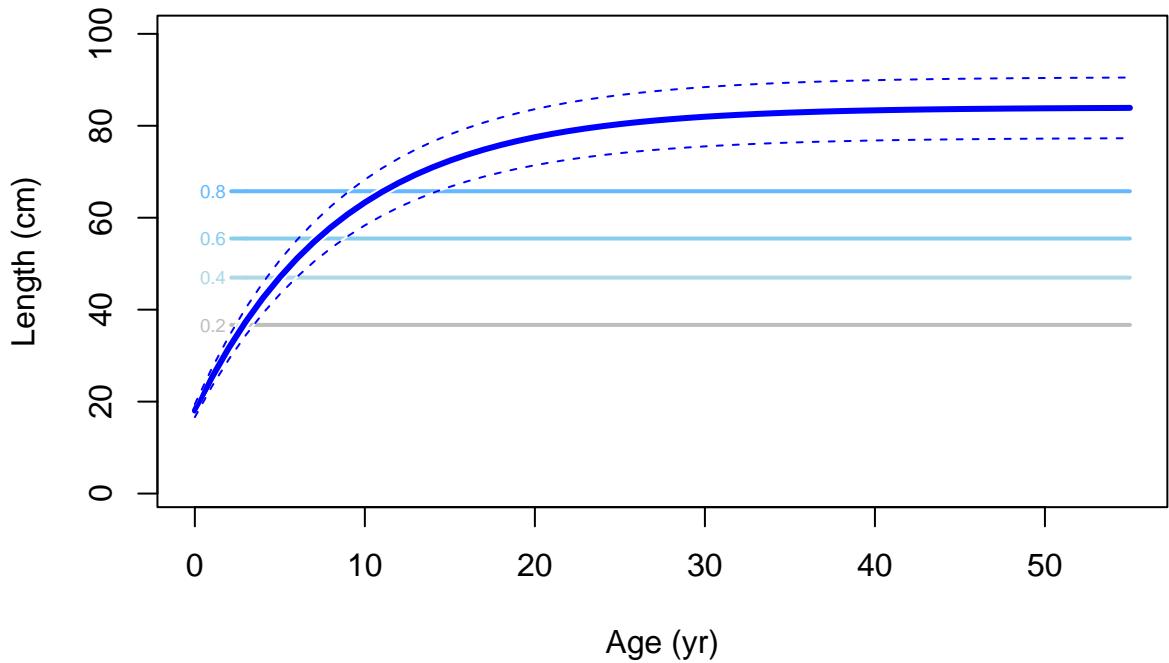
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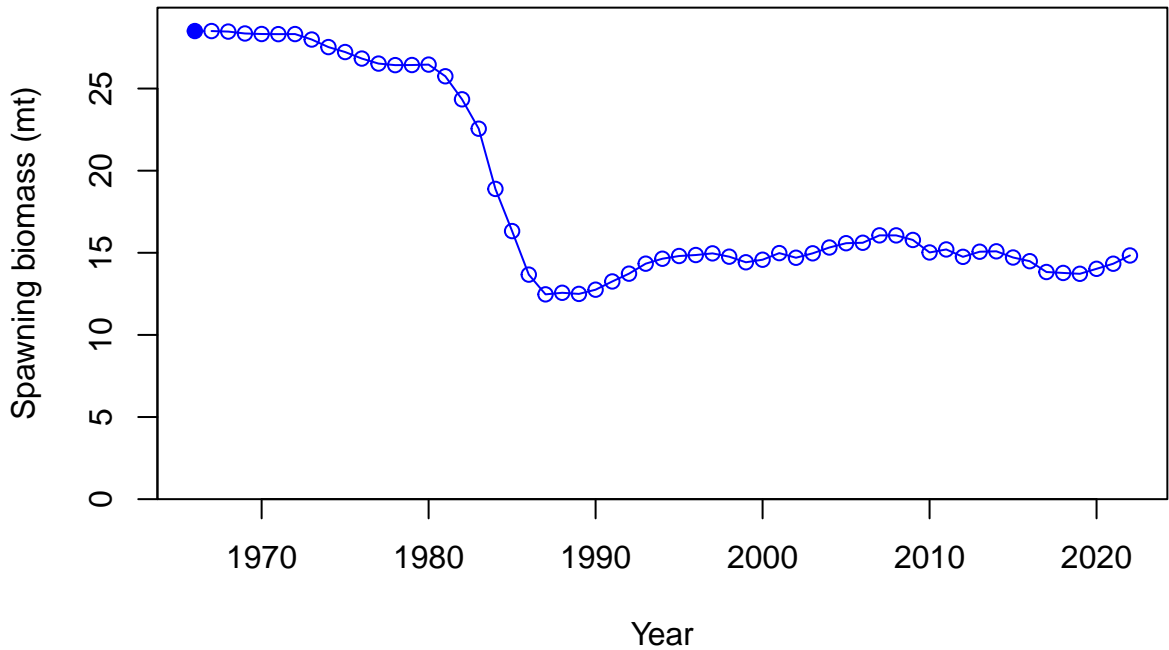


Selectivity

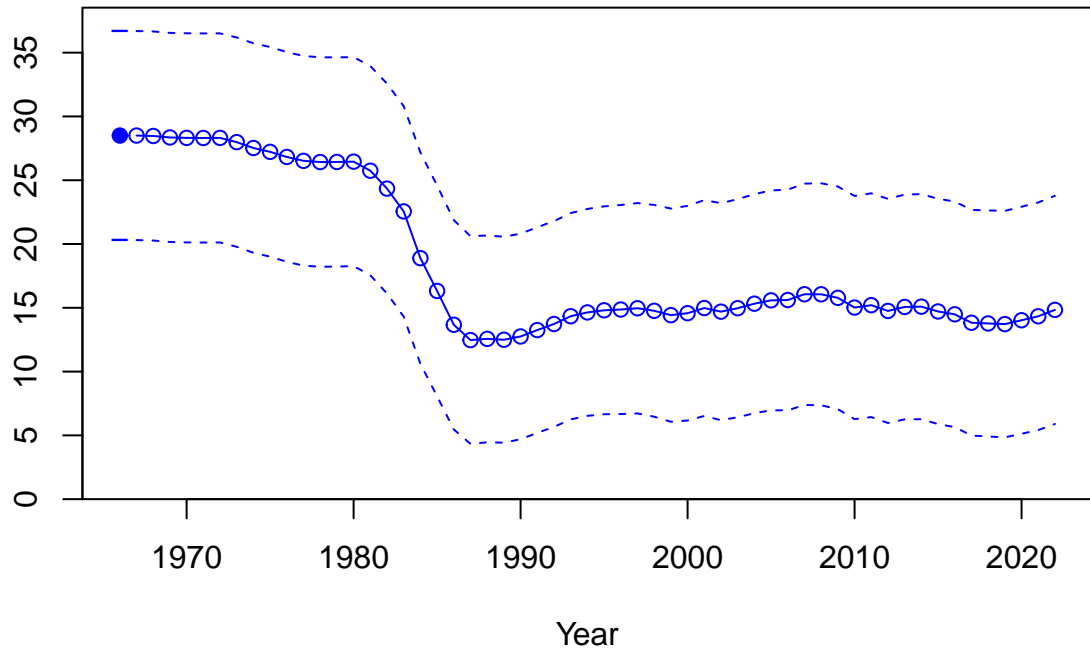




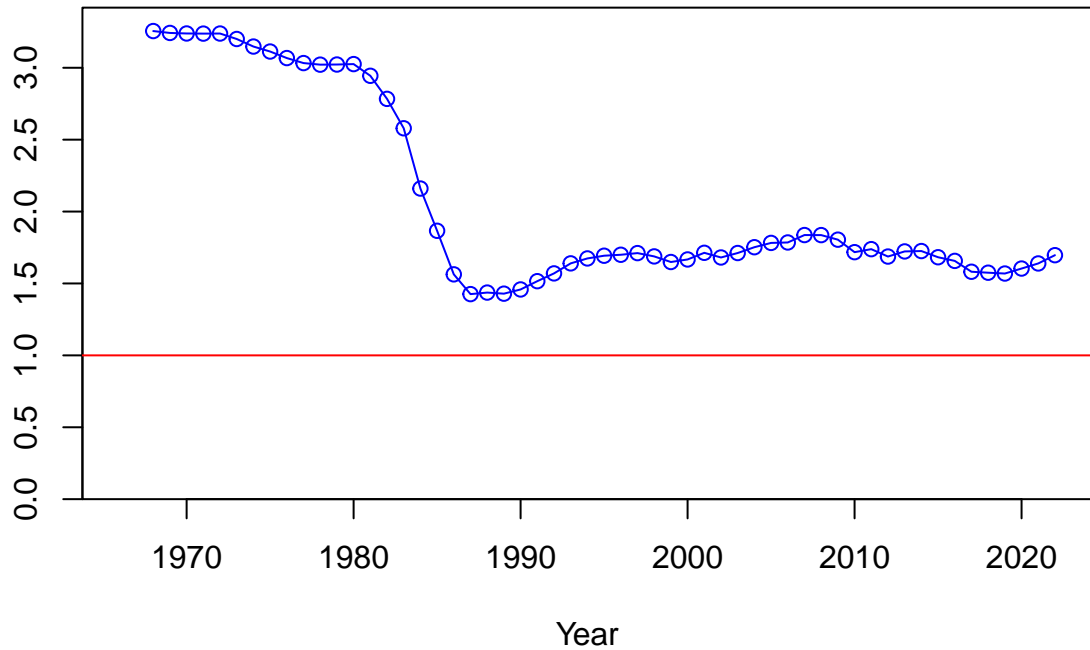




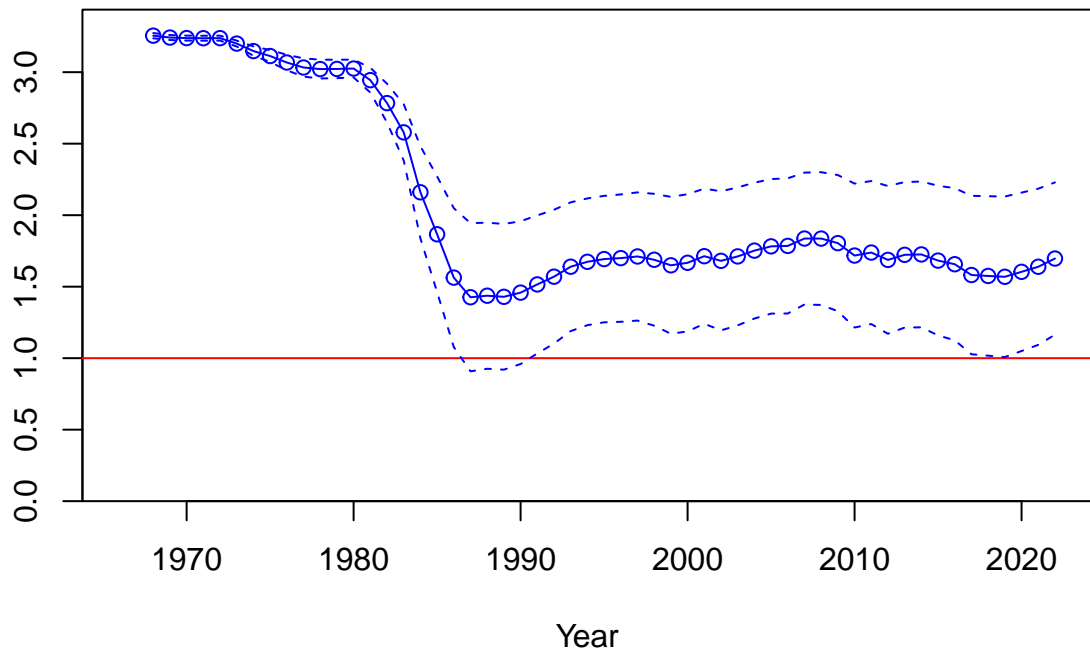
Spawning biomass (mt)

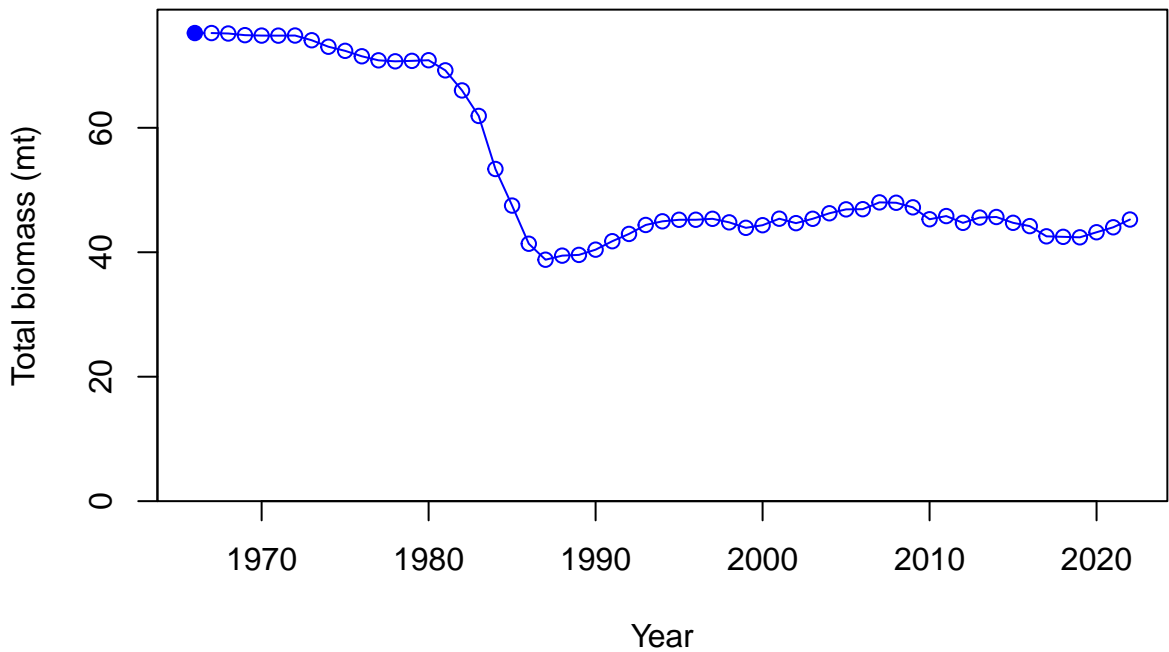


Relative spawning biomass: B/B_{MSY}

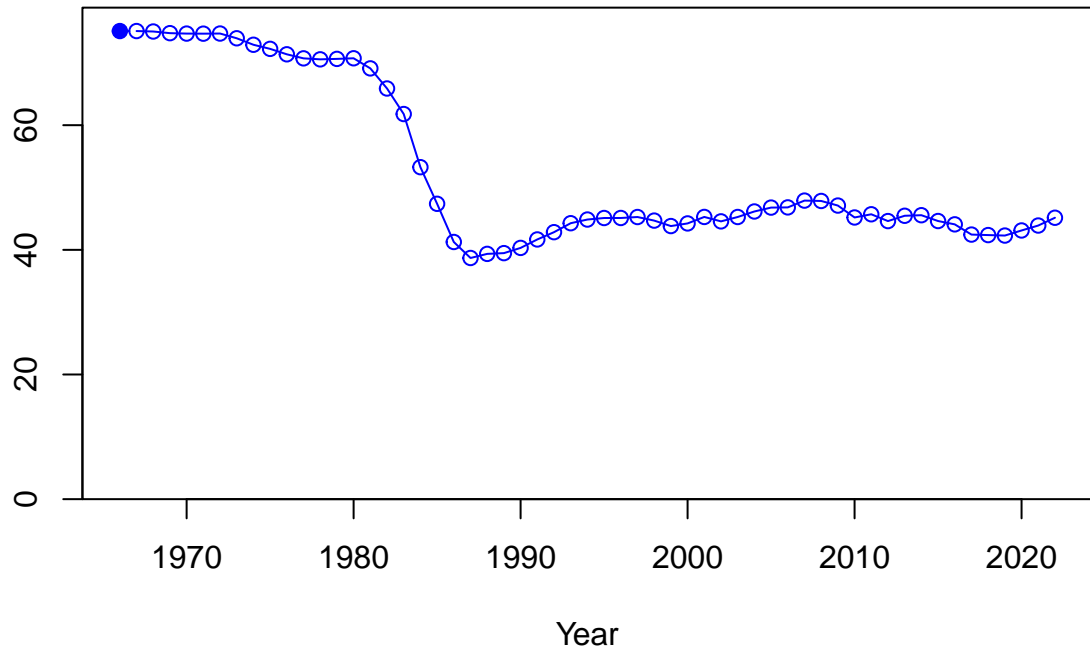


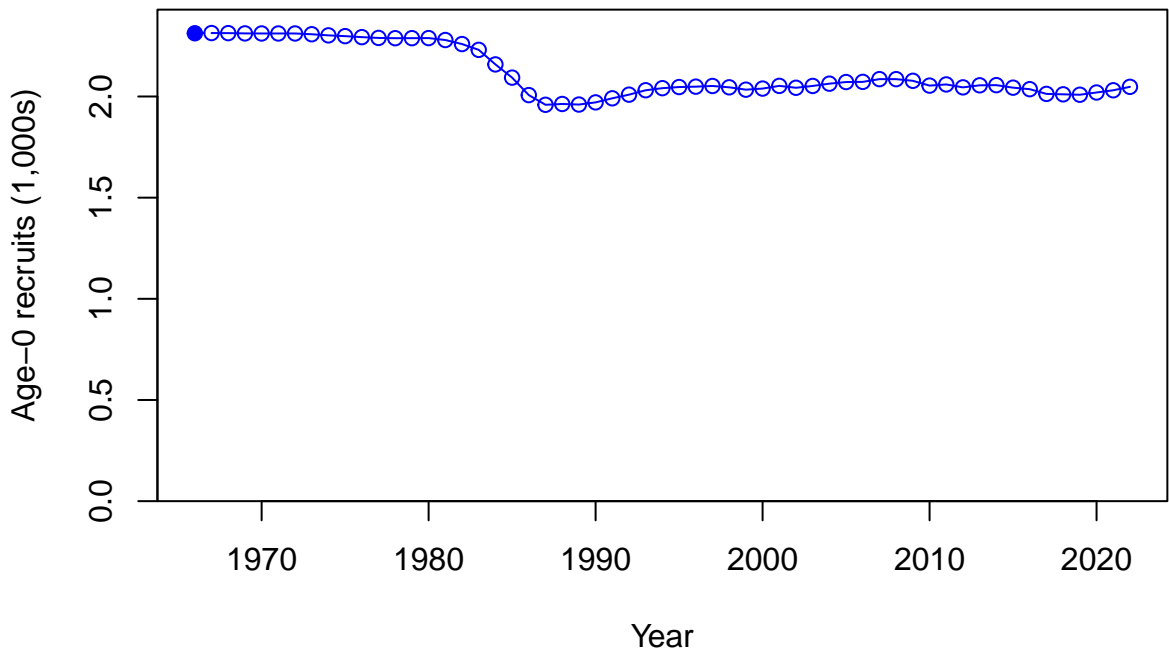
Relative spawning biomass: B/B_{MSY}



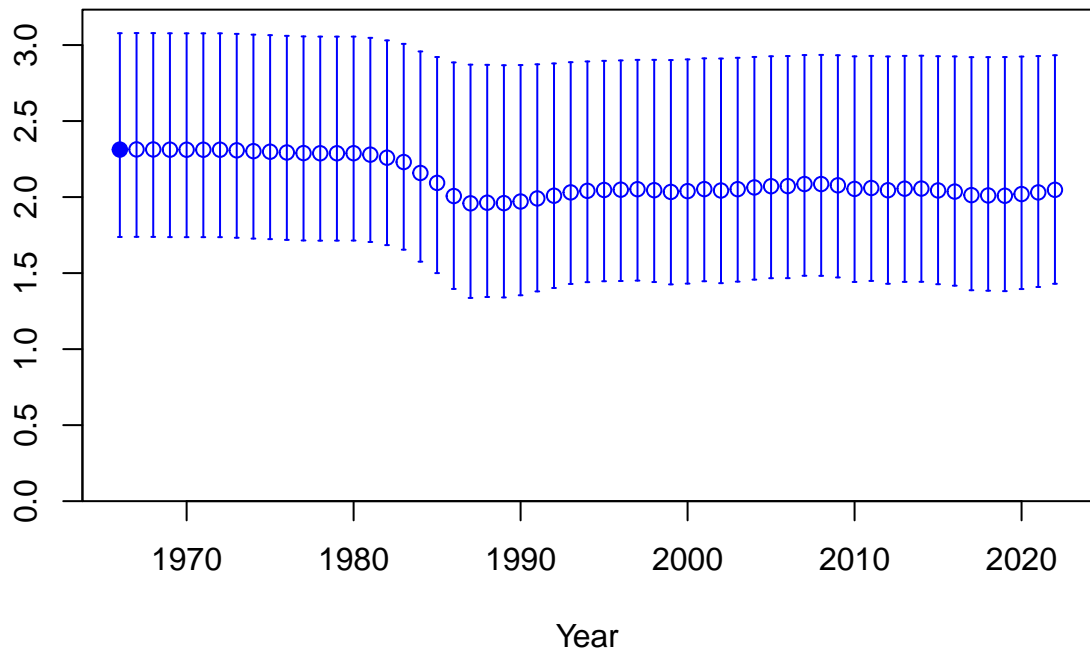


Summary biomass (mt)

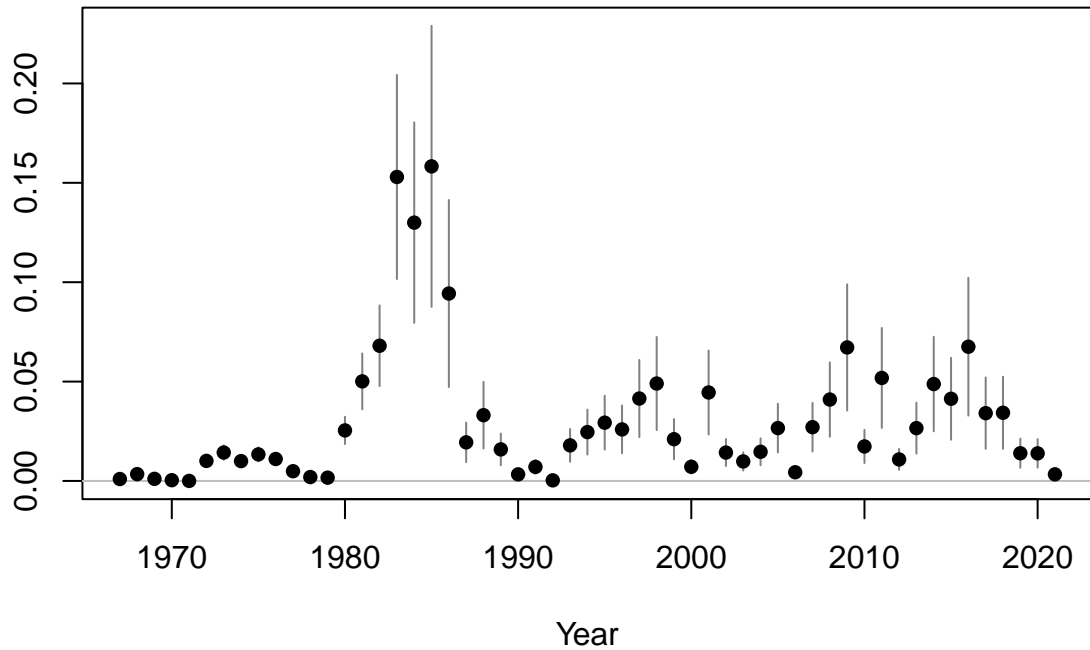


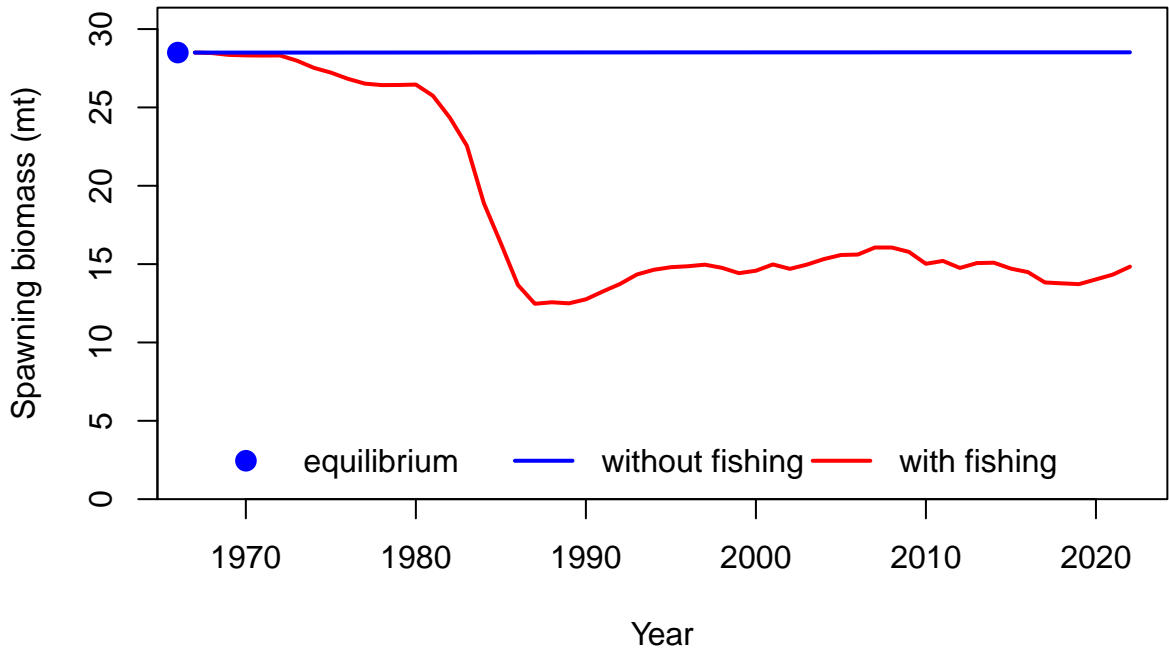


Age-0 recruits (1,000s)

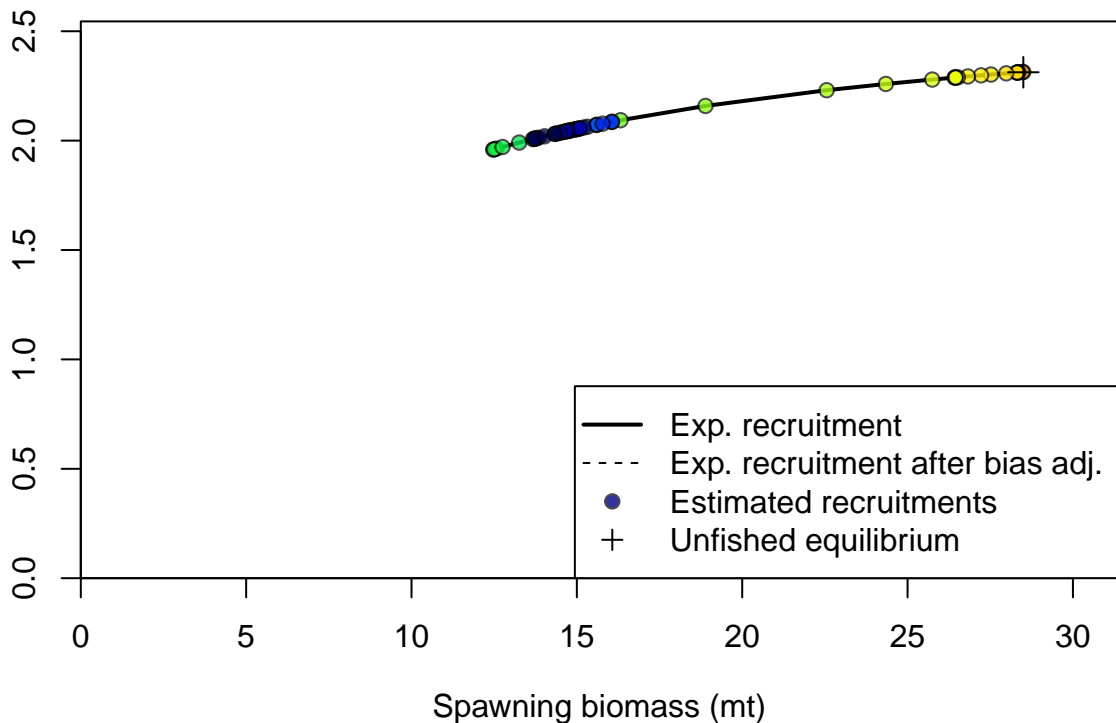


Summary Fishing Mortality

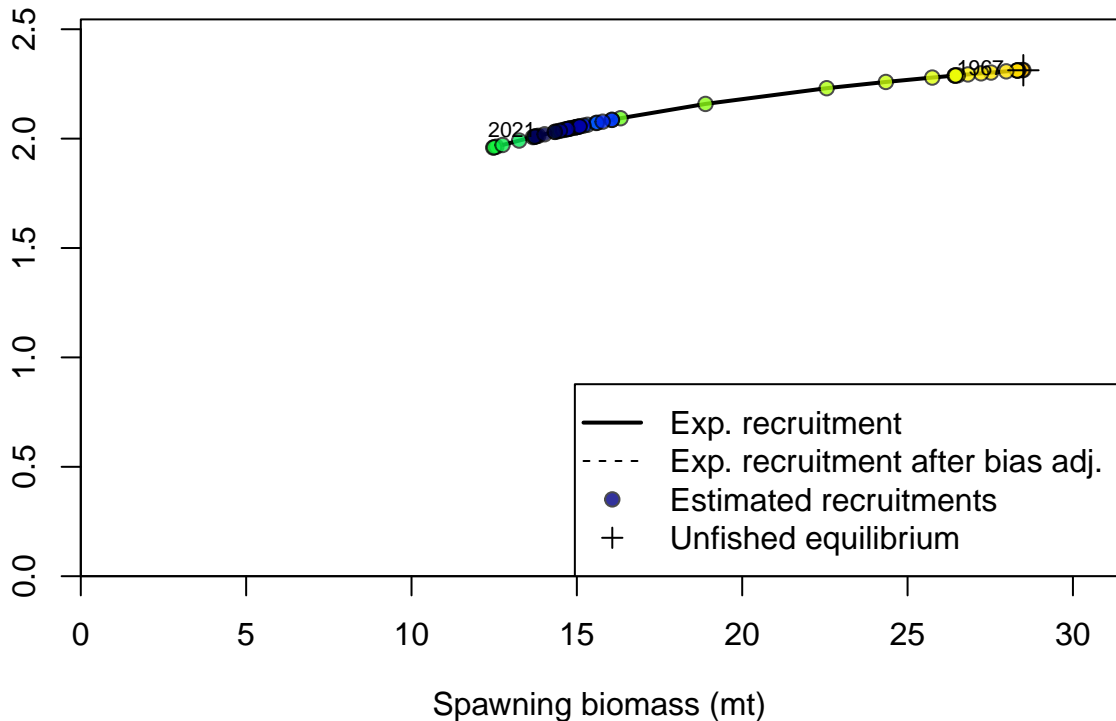


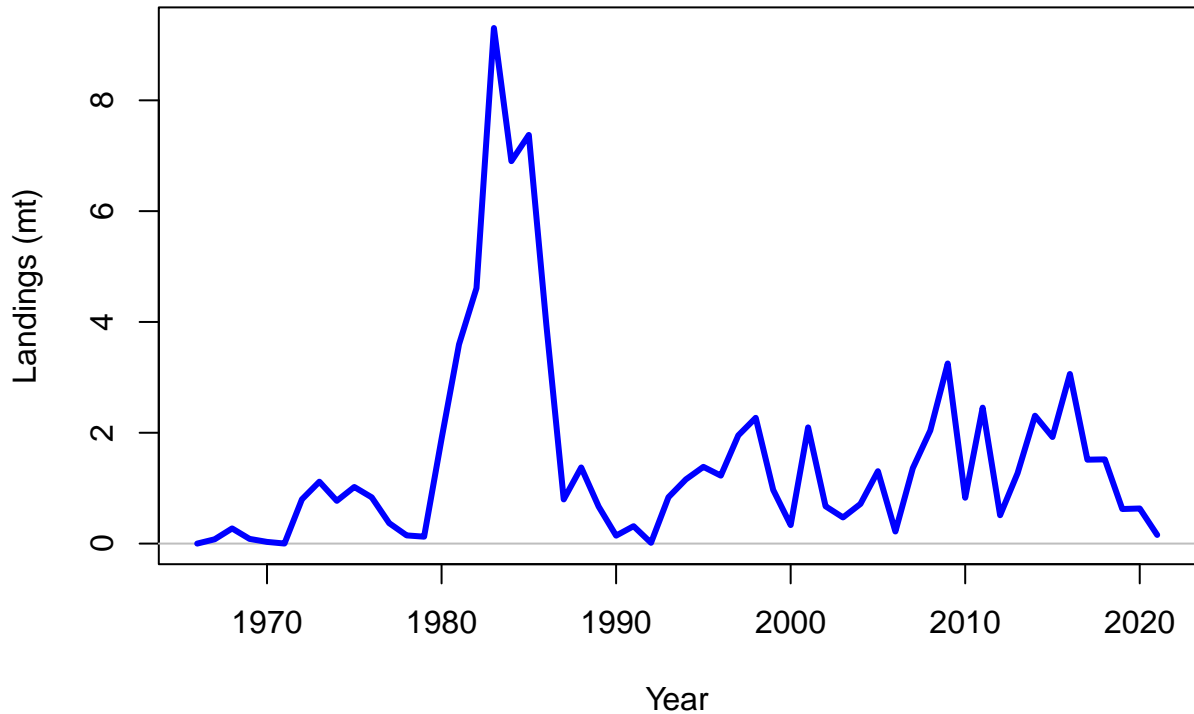


Recruitment (1,000s)

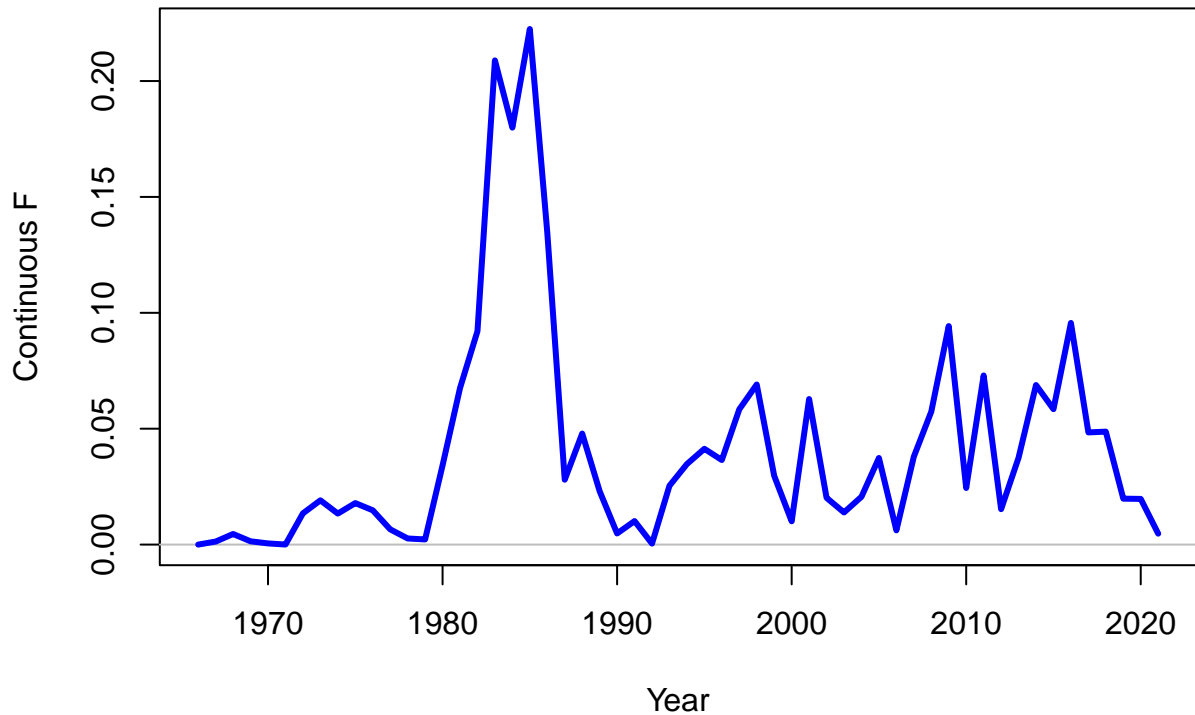


Recruitment (1,000s)

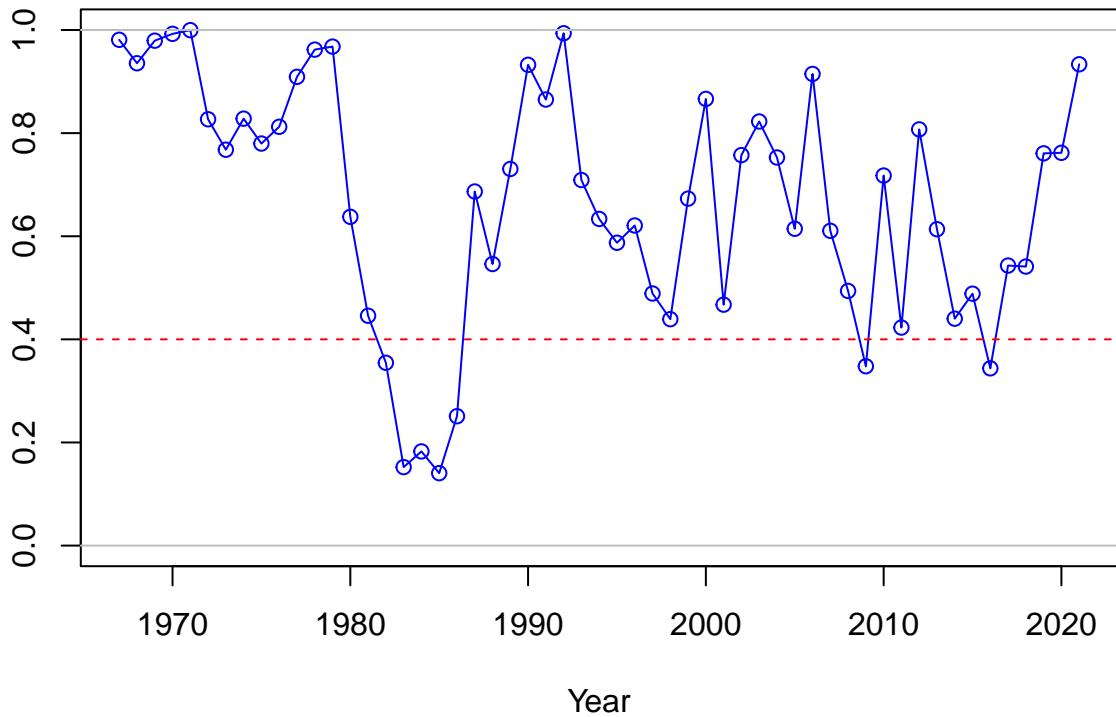




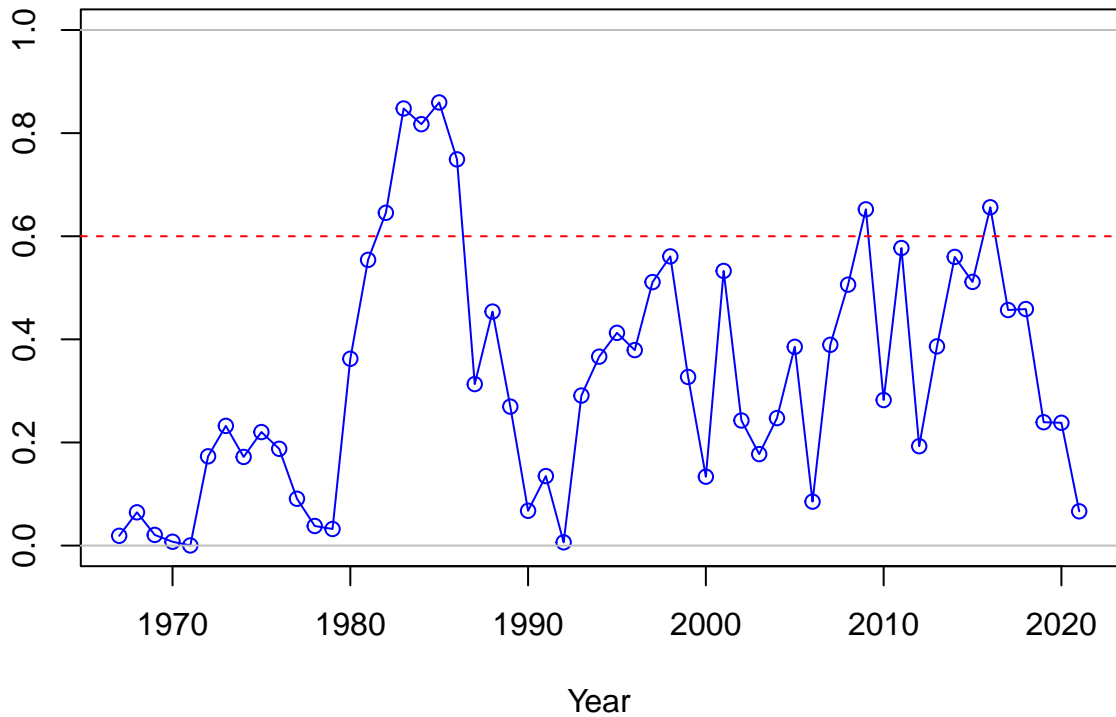




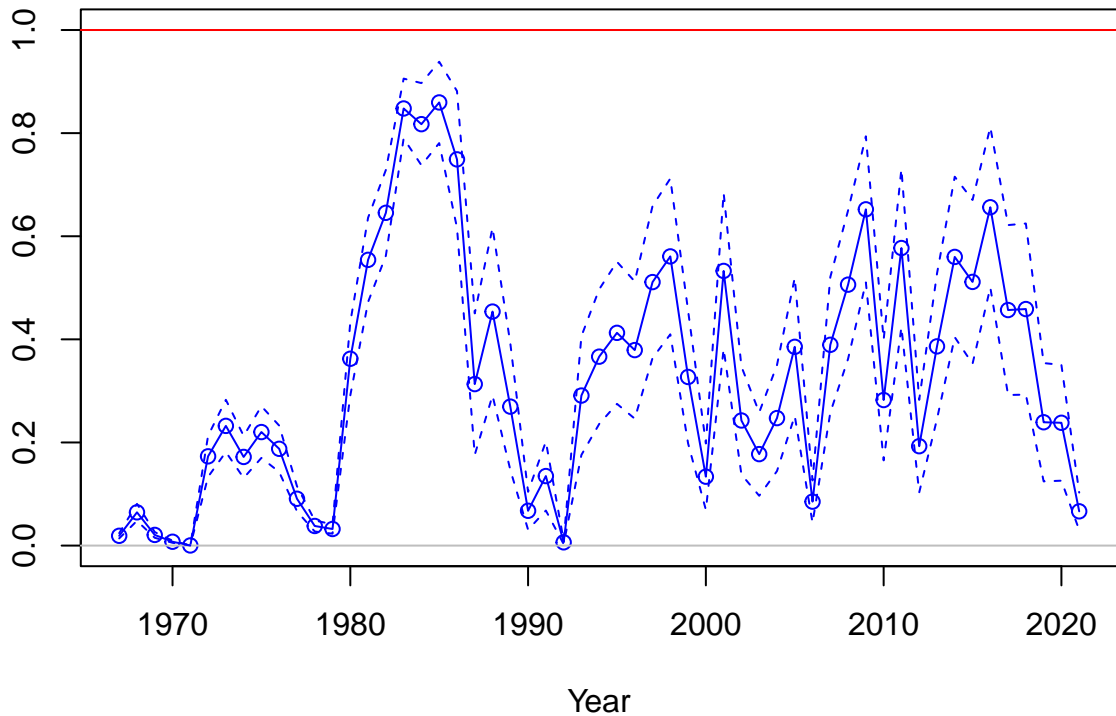
SPR



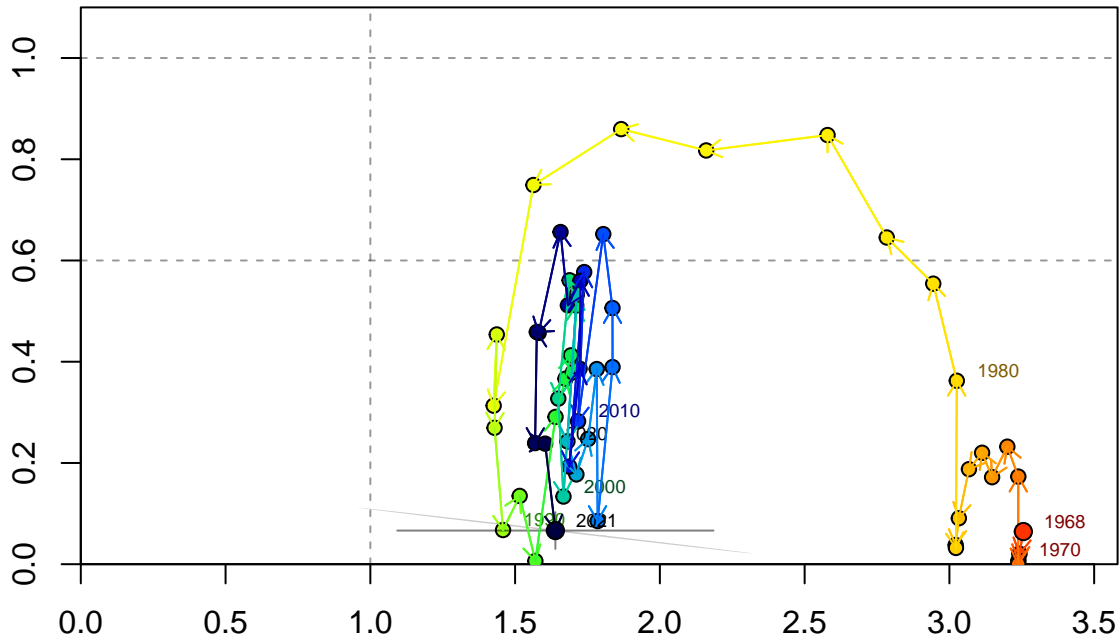
1-SPR



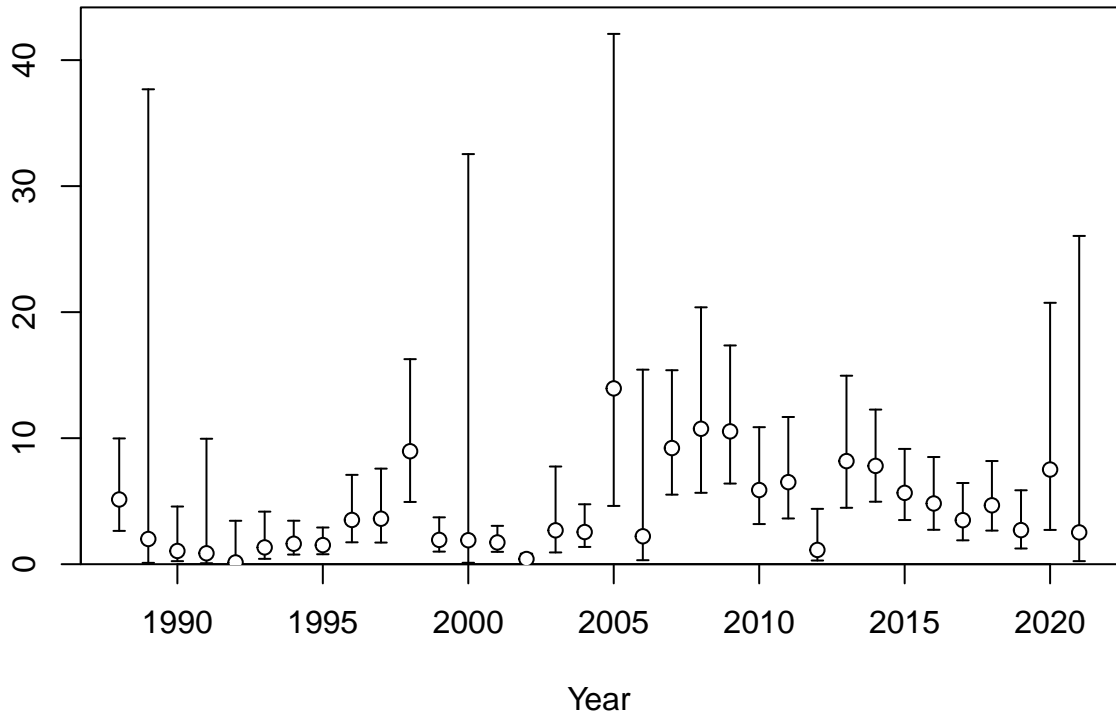
Fishing intensity: 1-SPR



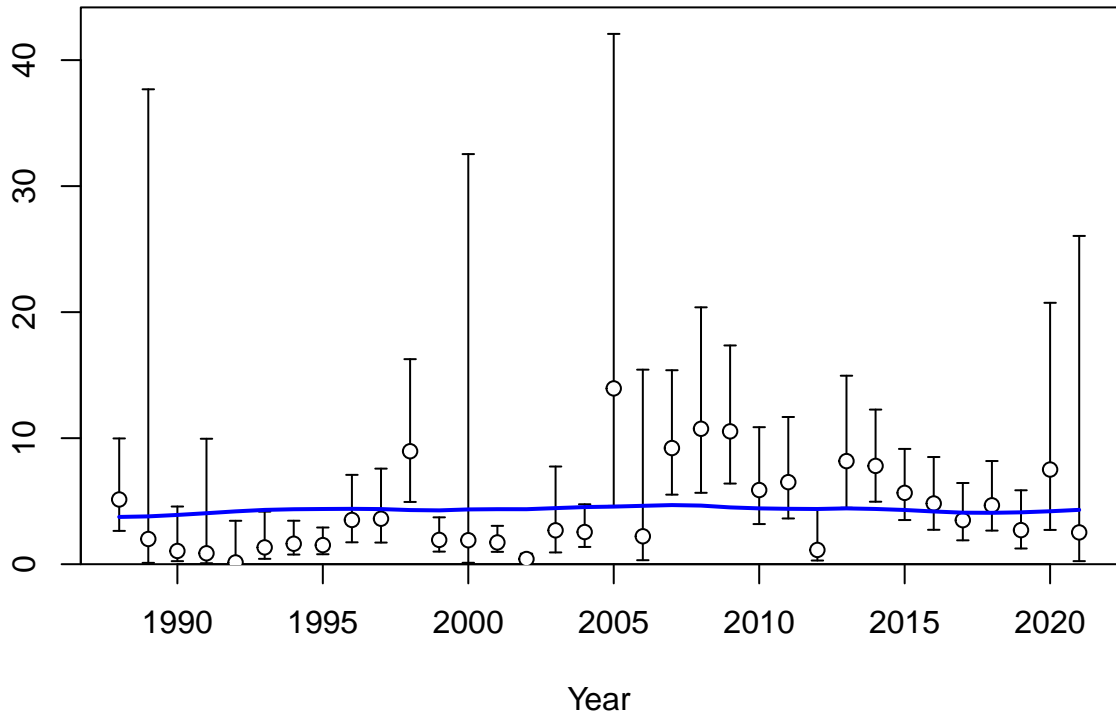
Fishing intensity: 1-SPR



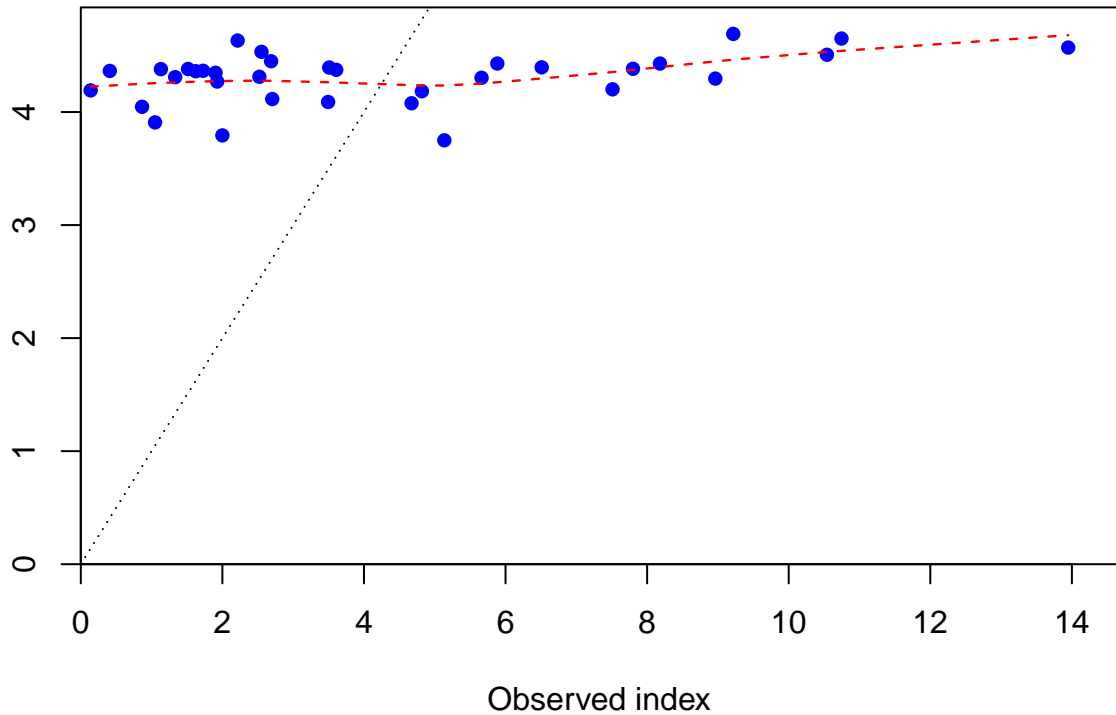
Index



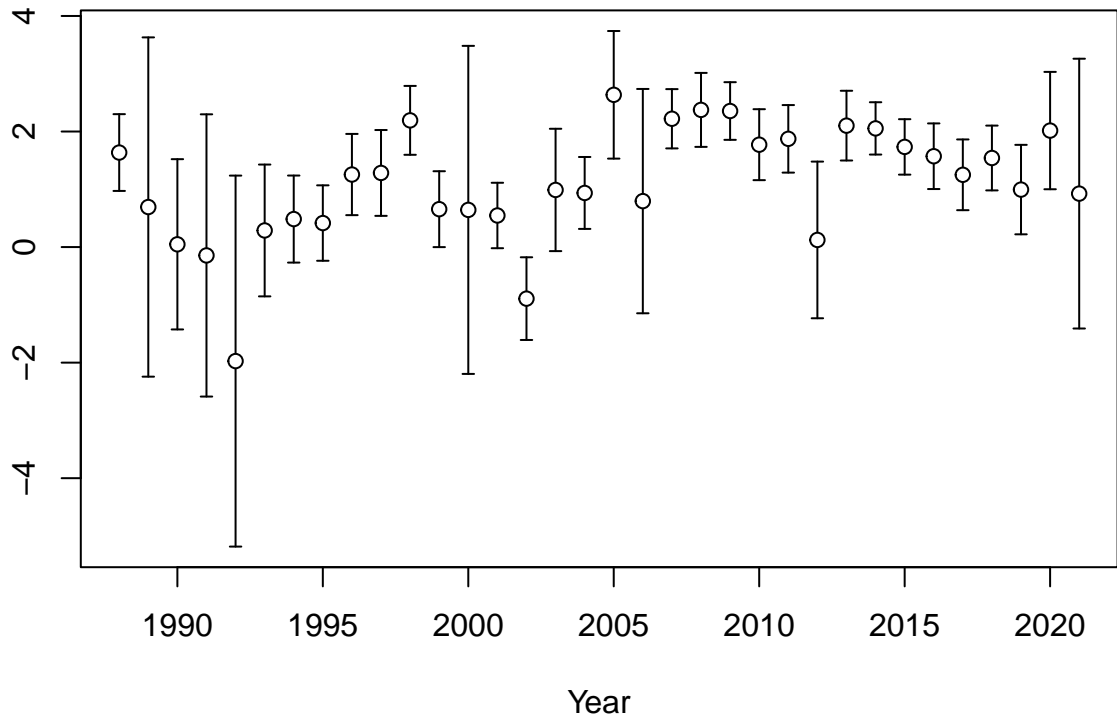
Index



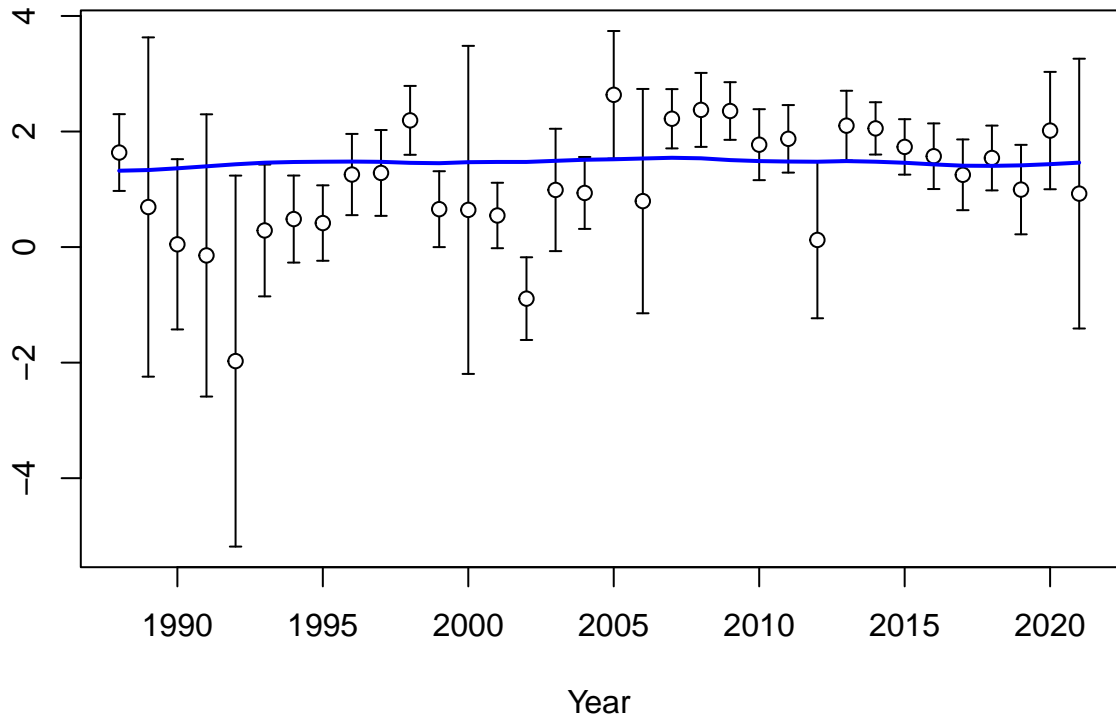
Expected index

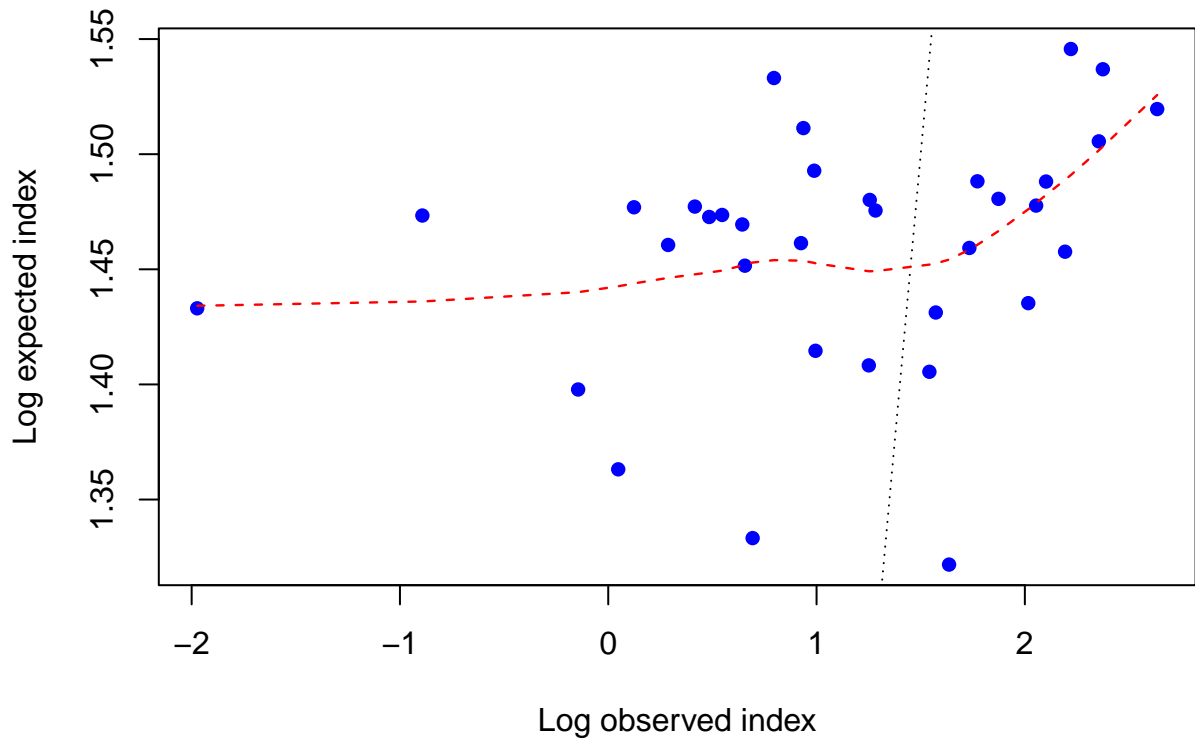


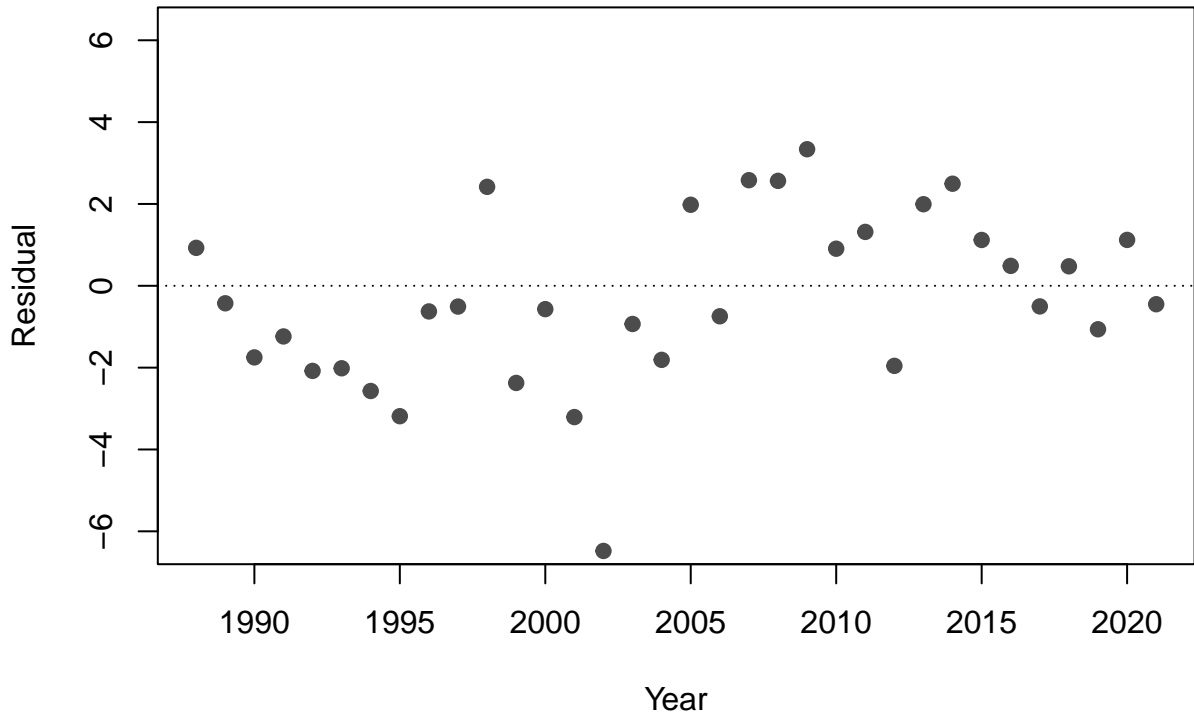
Log index

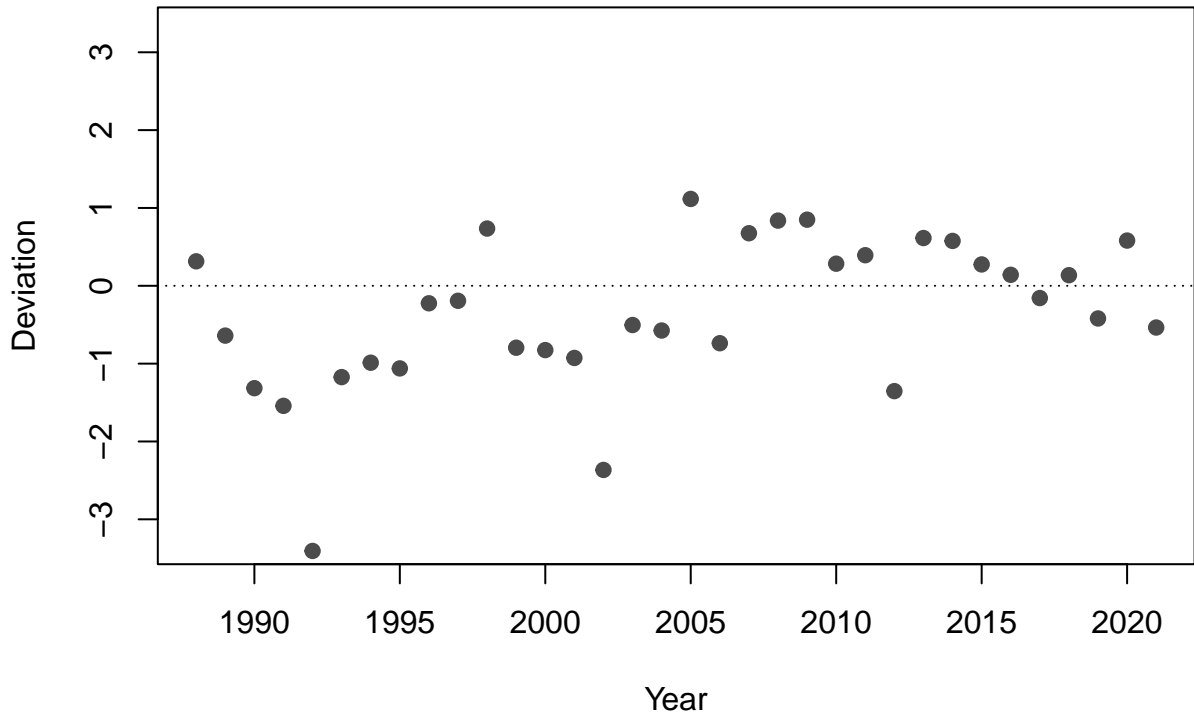


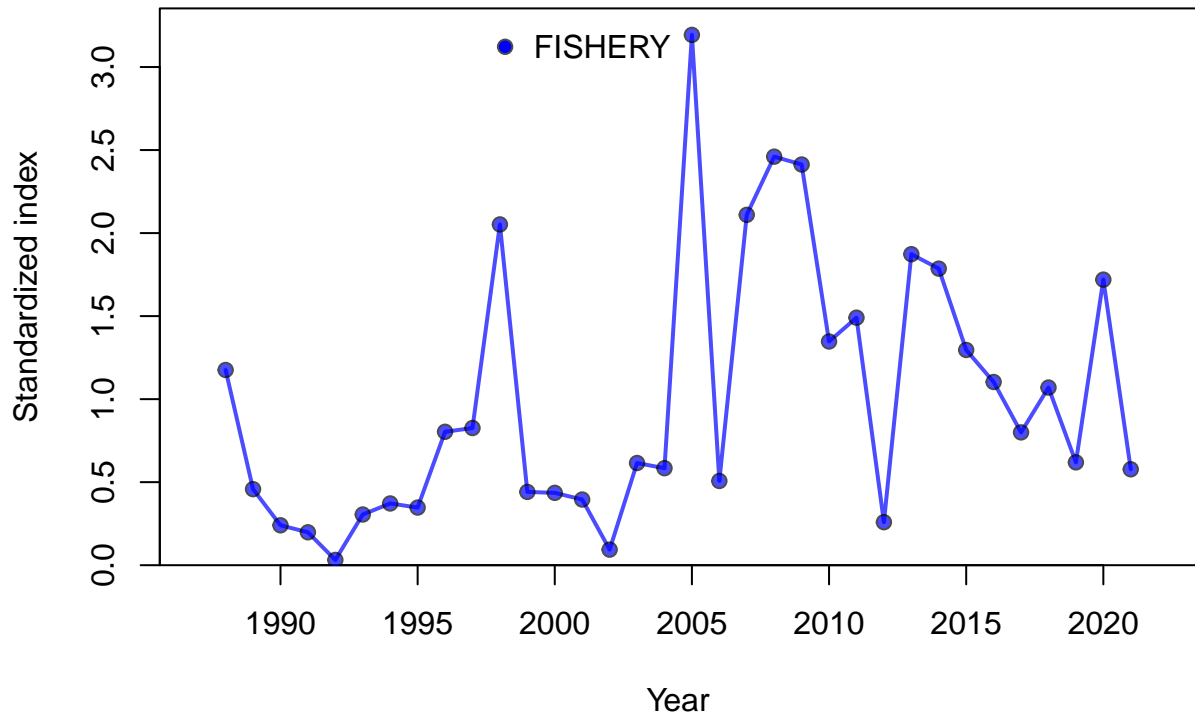
Log index

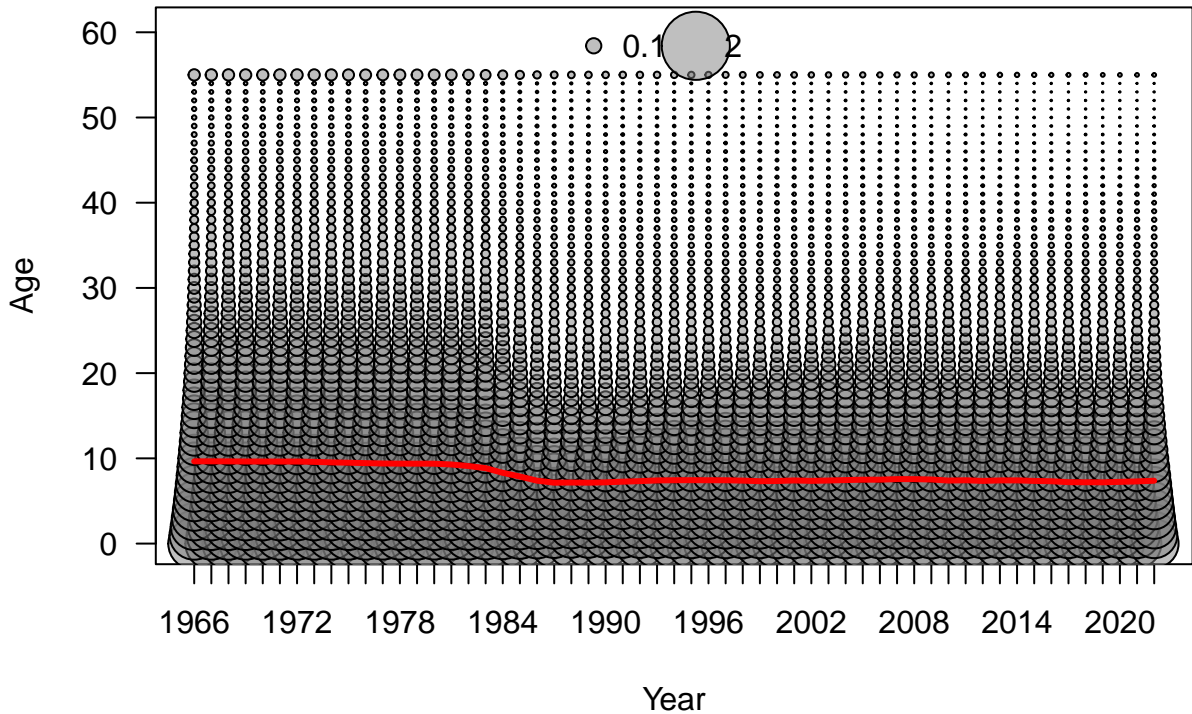


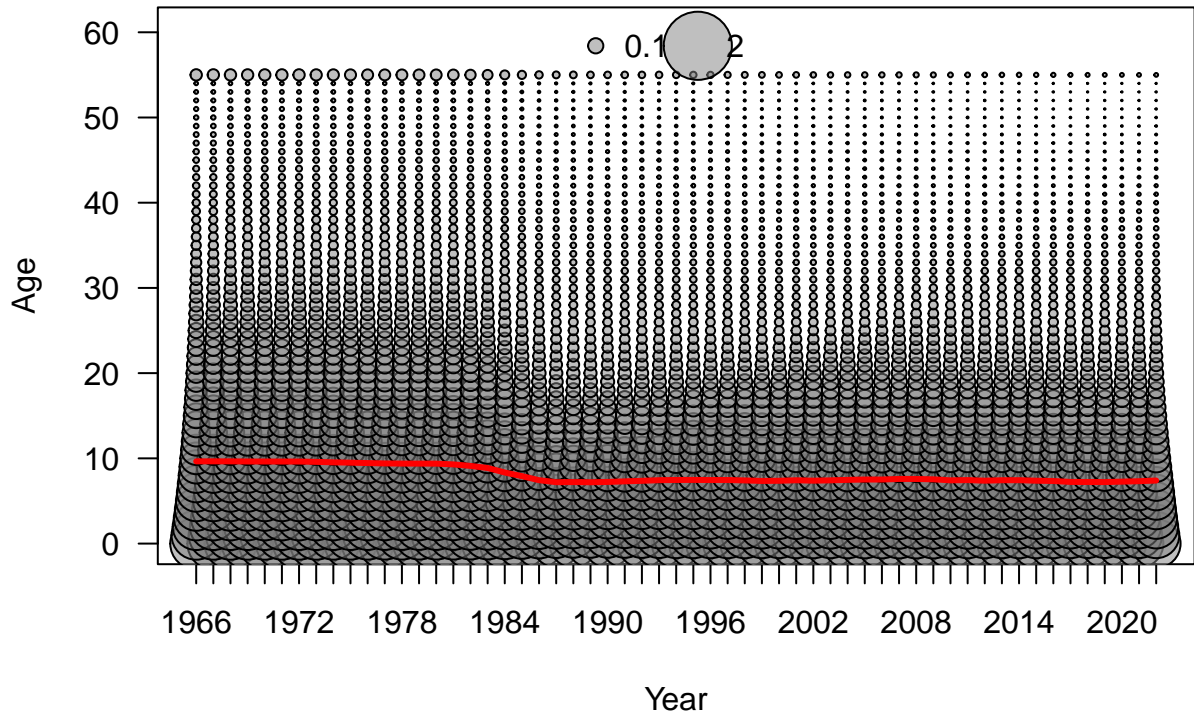


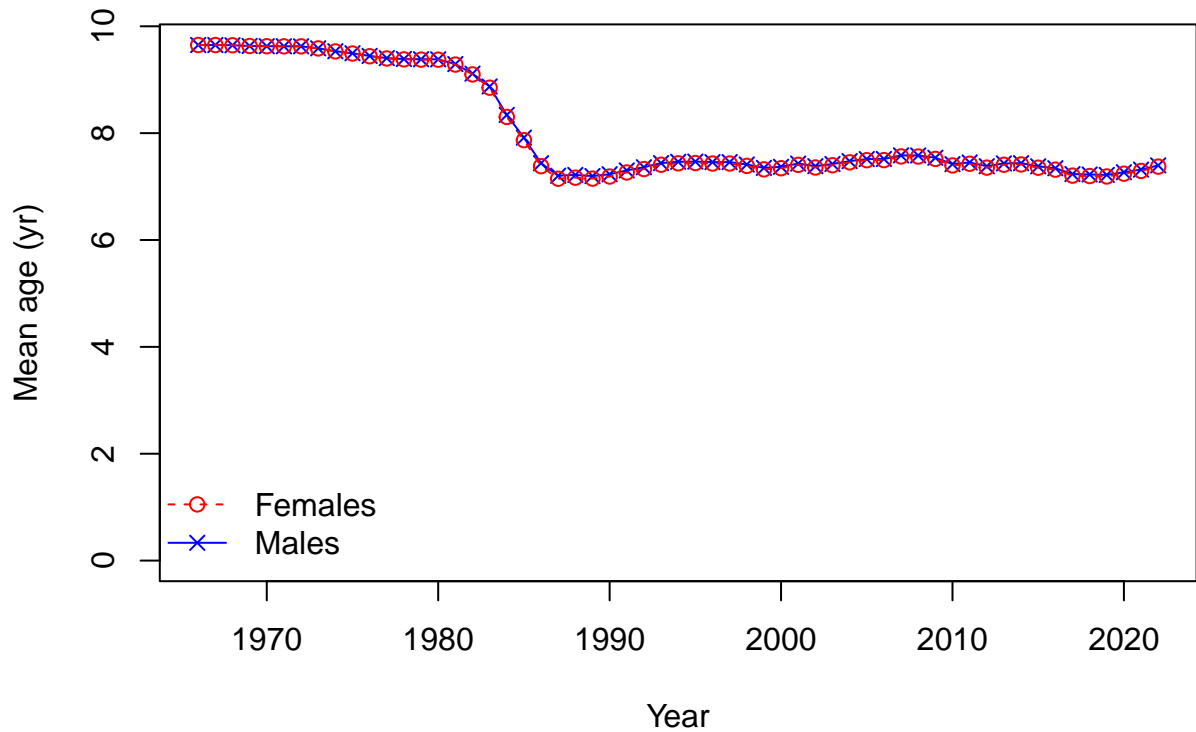


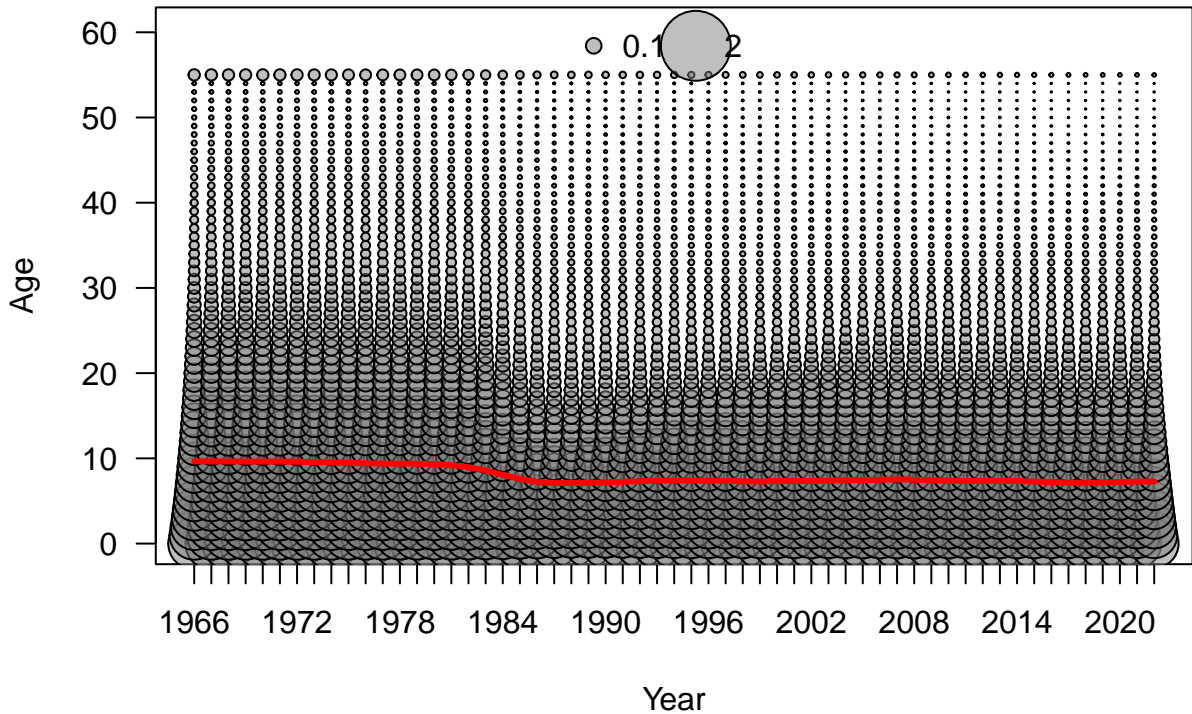


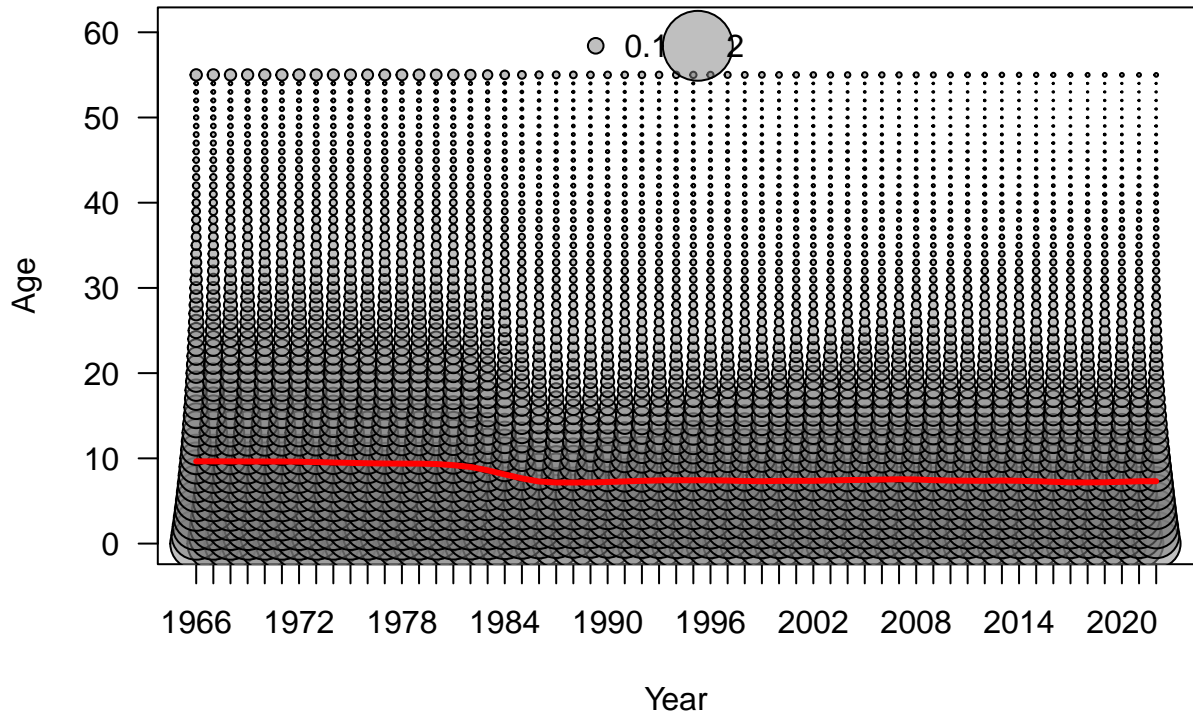


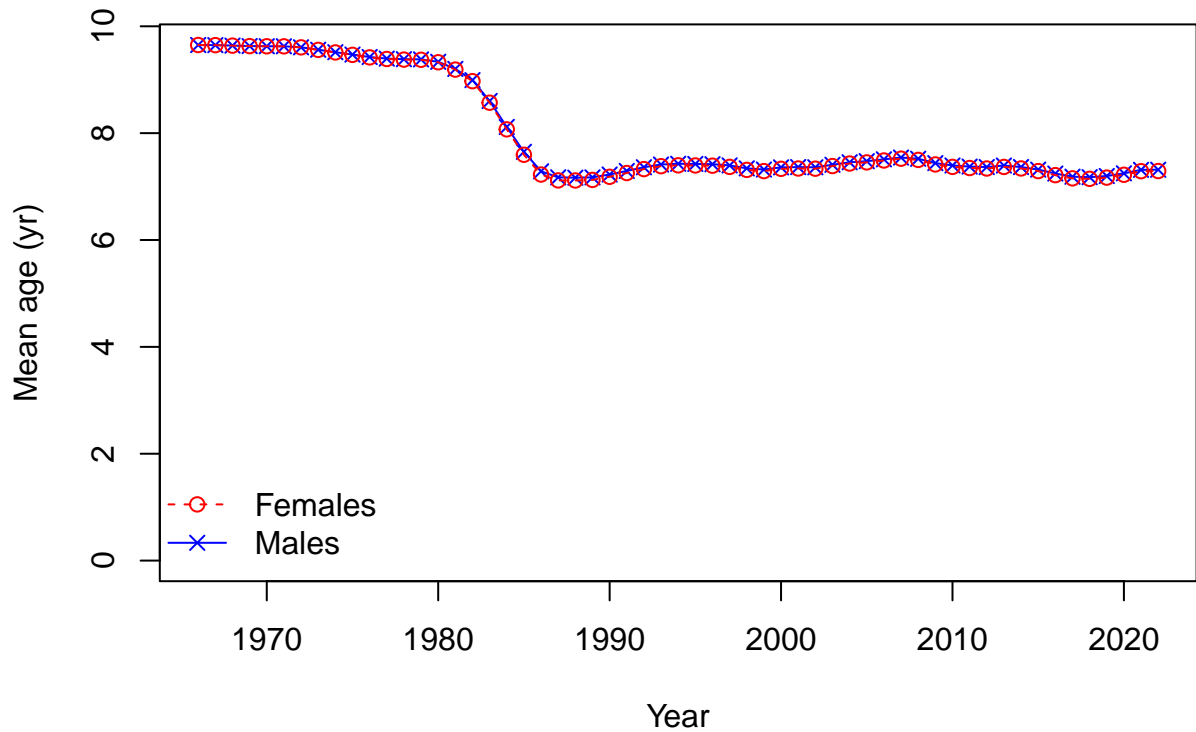


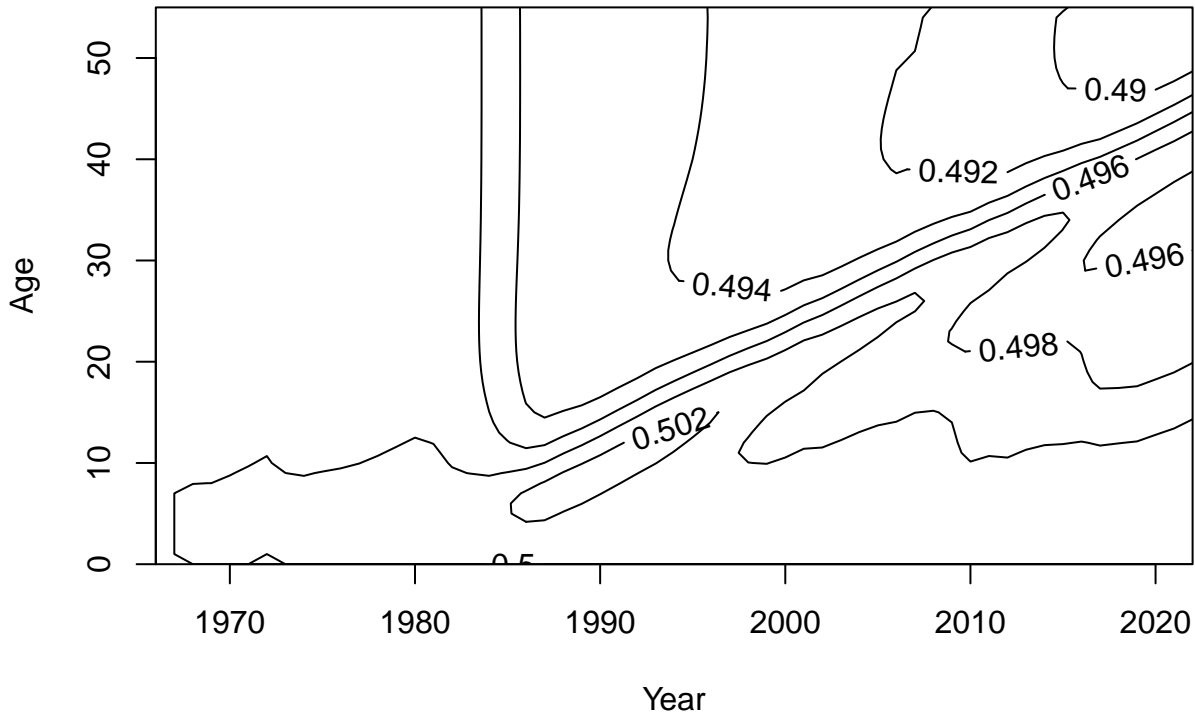


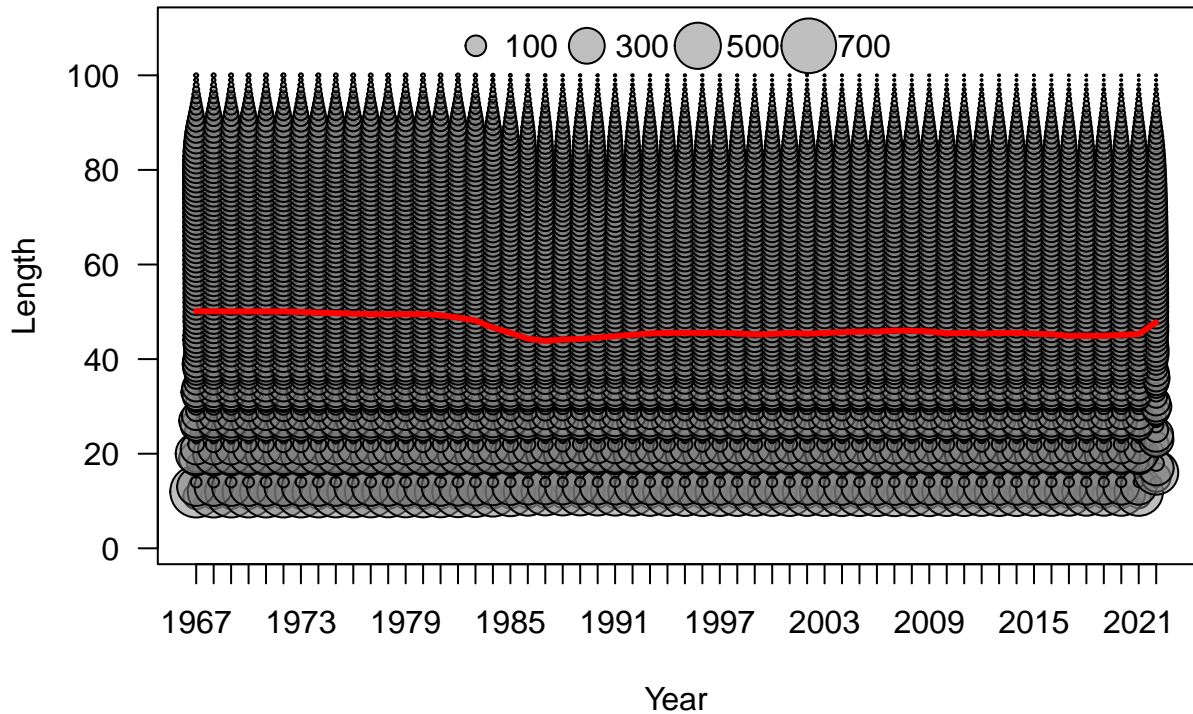


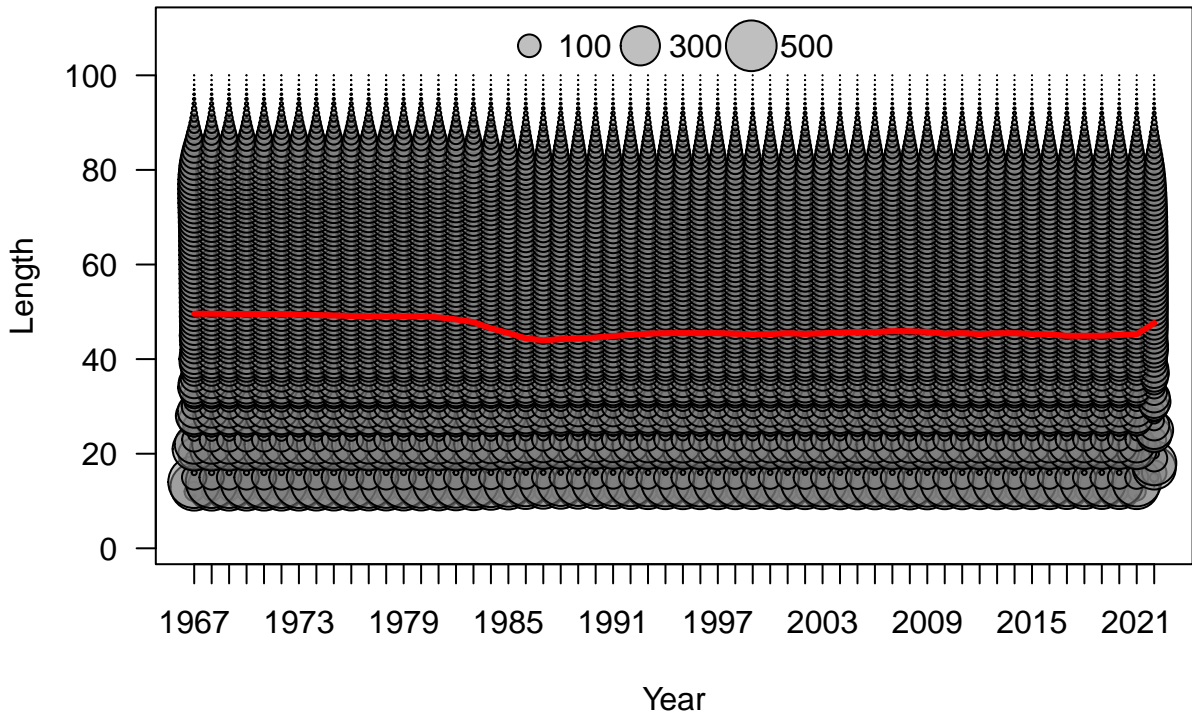


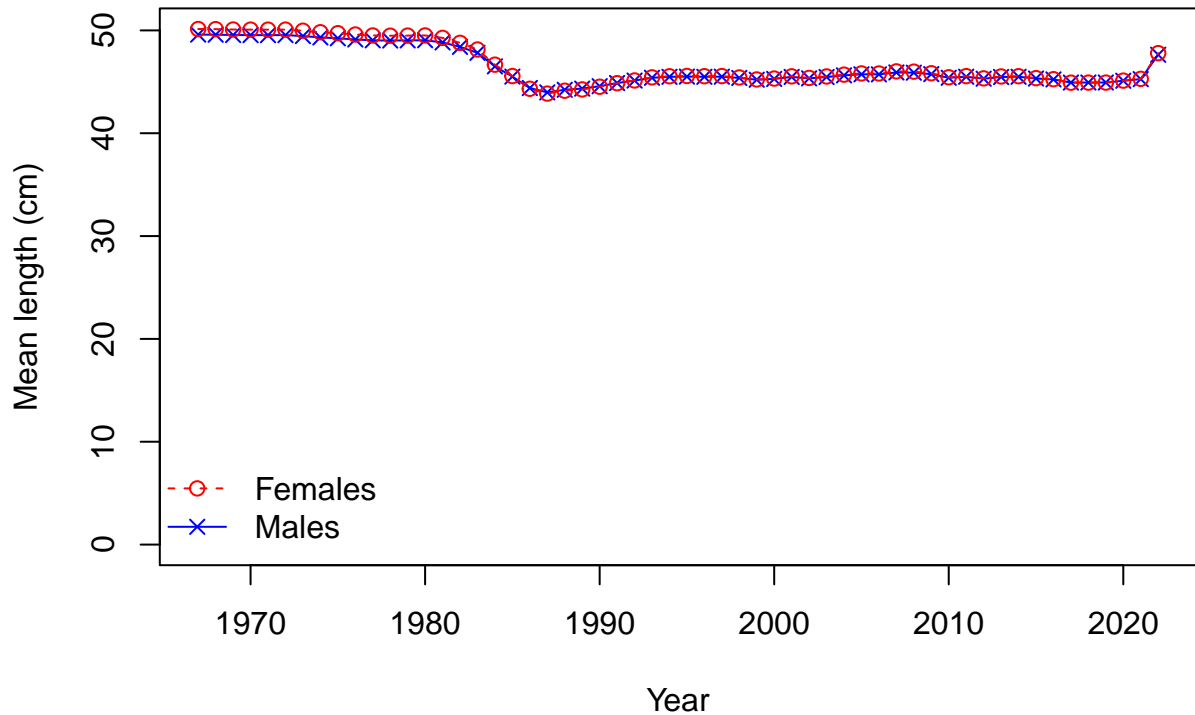


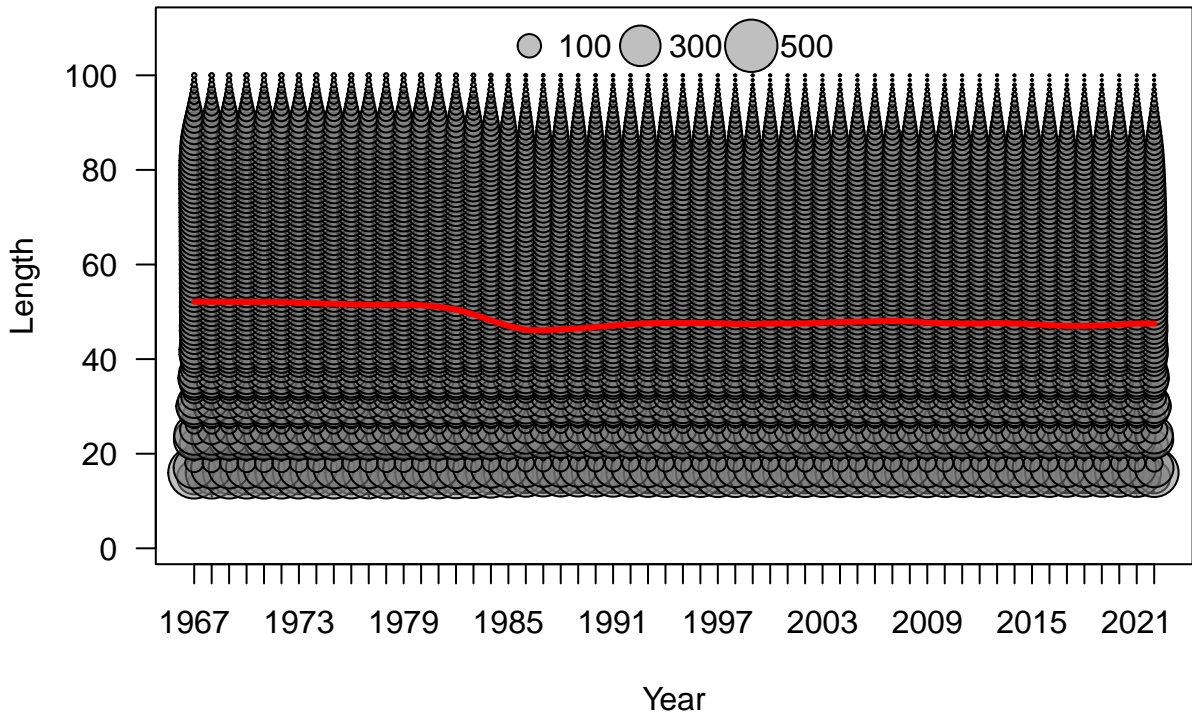


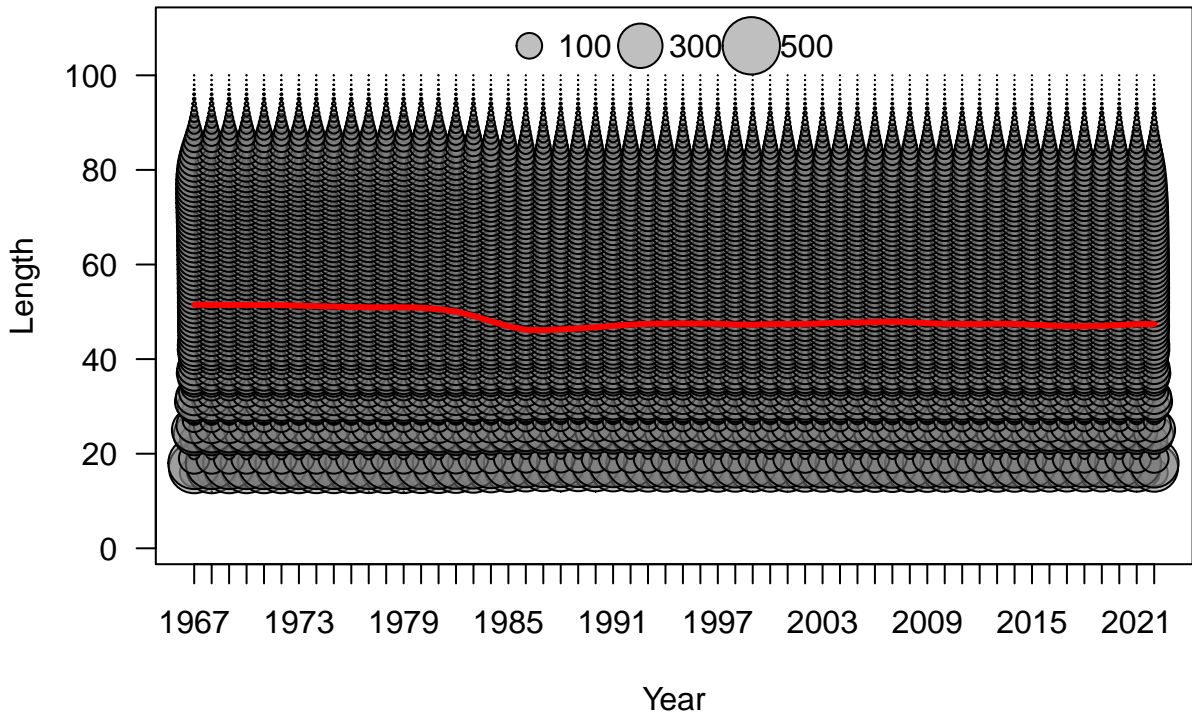


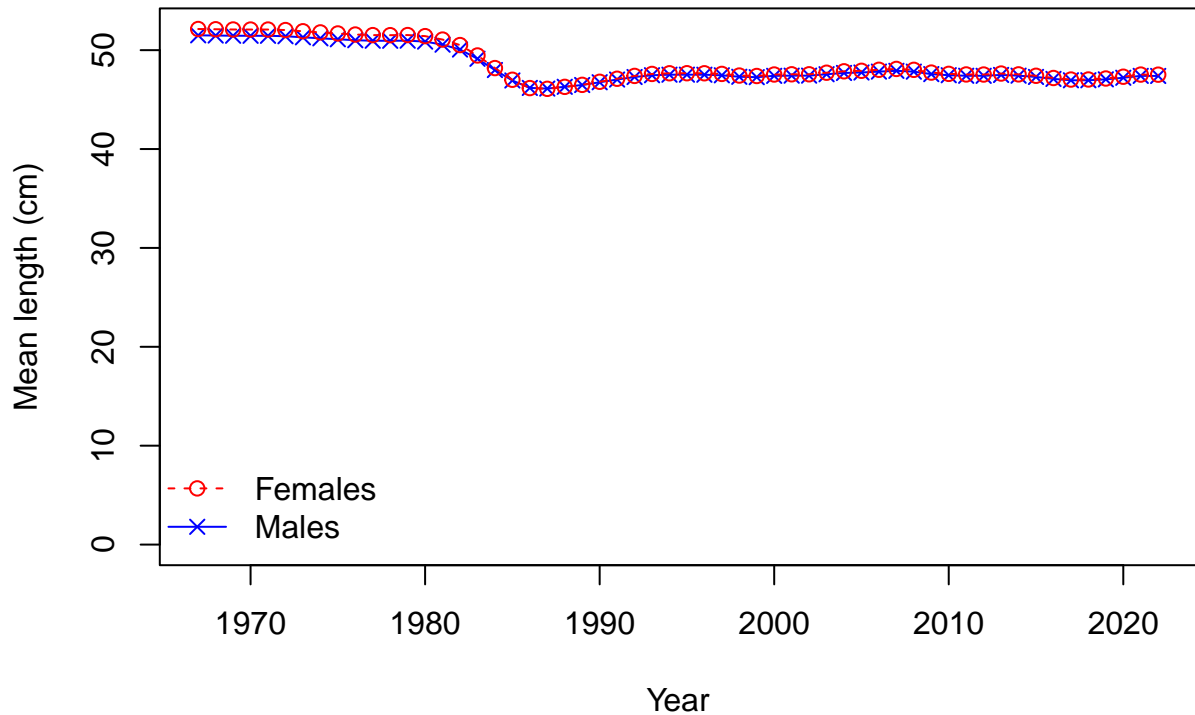


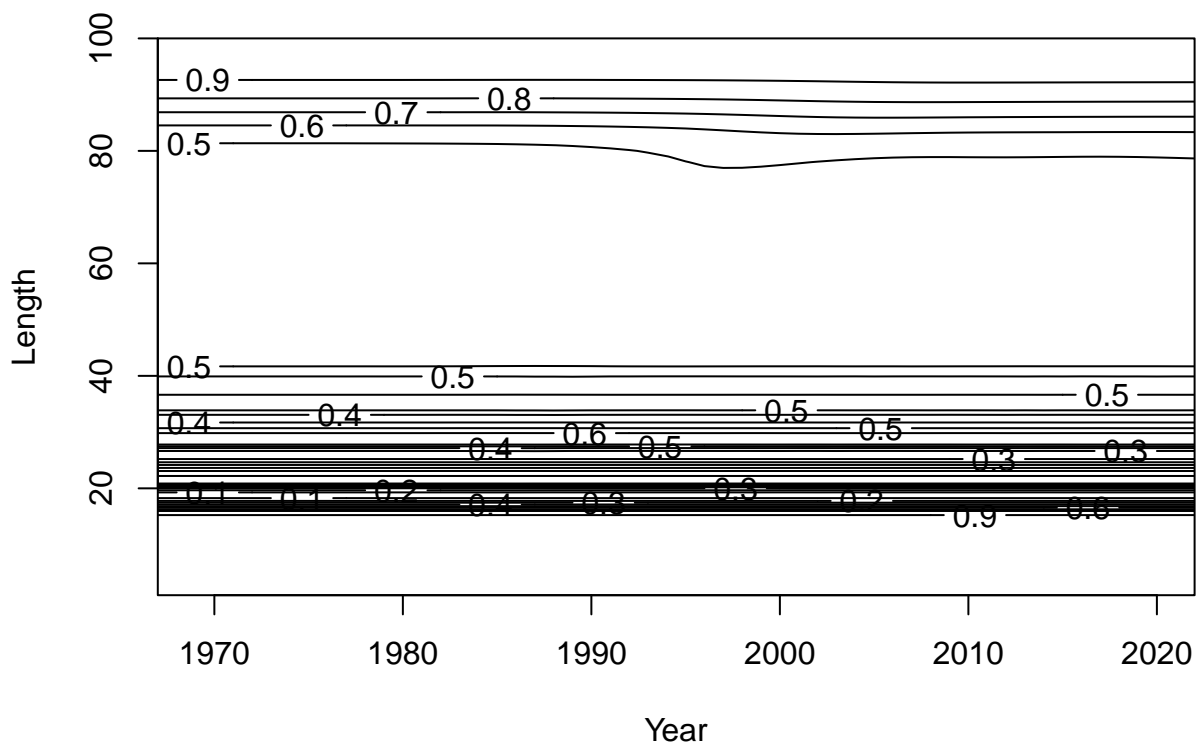


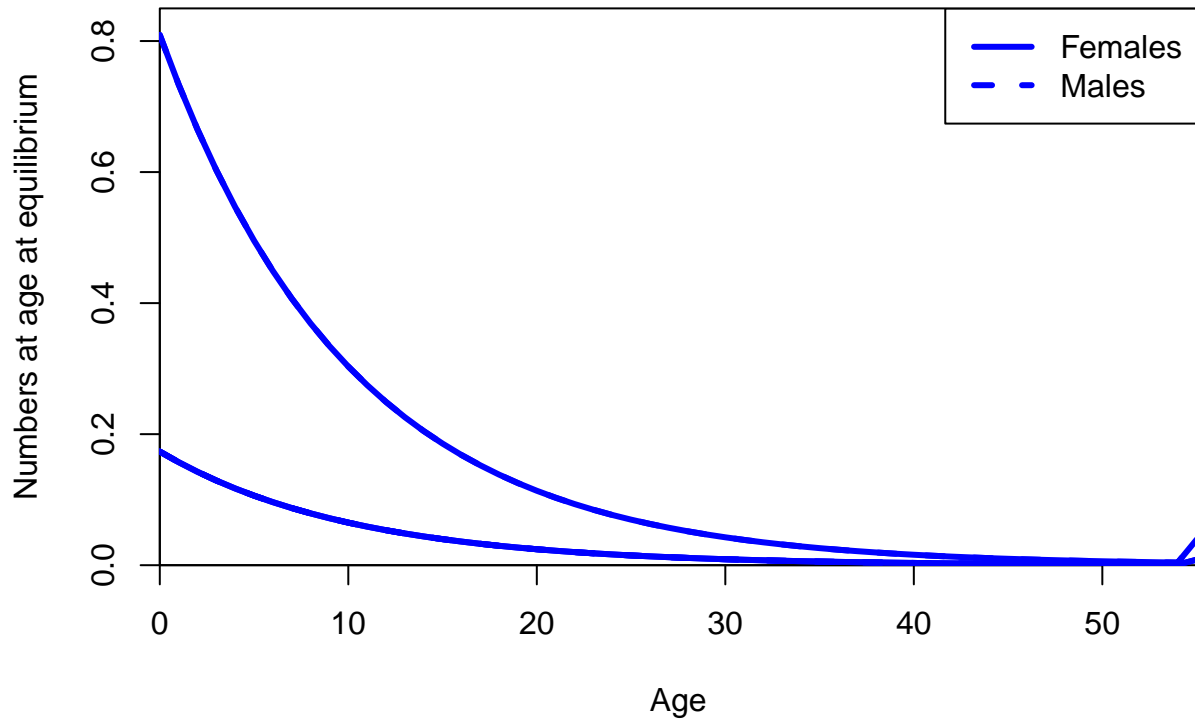


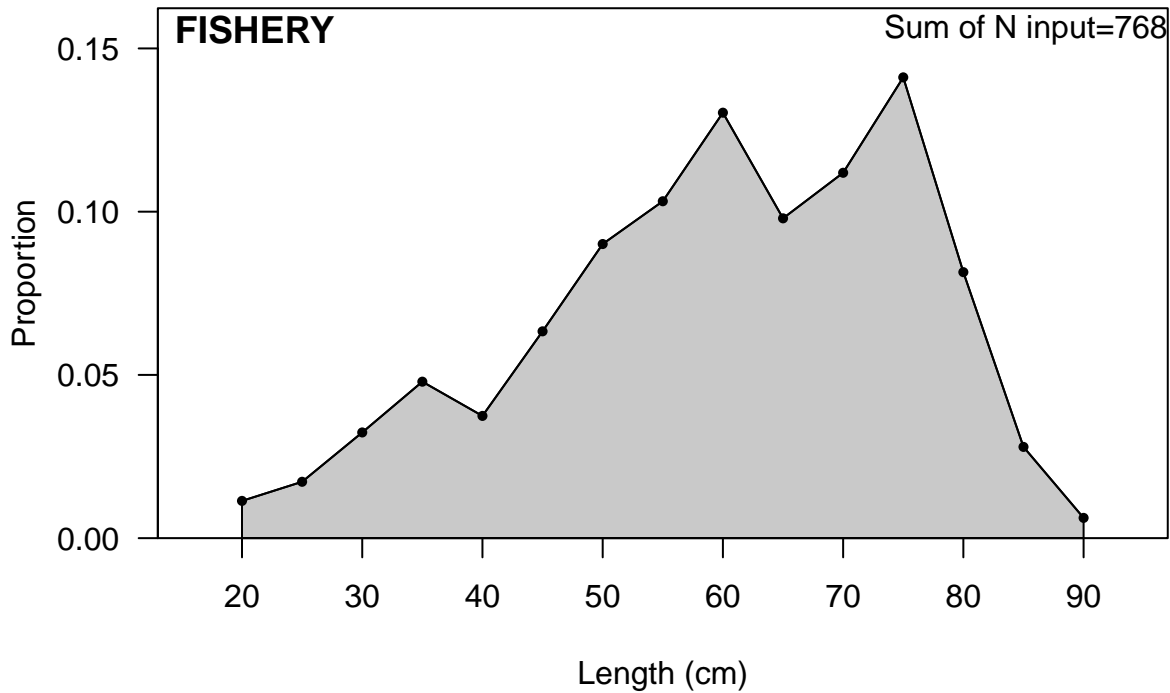


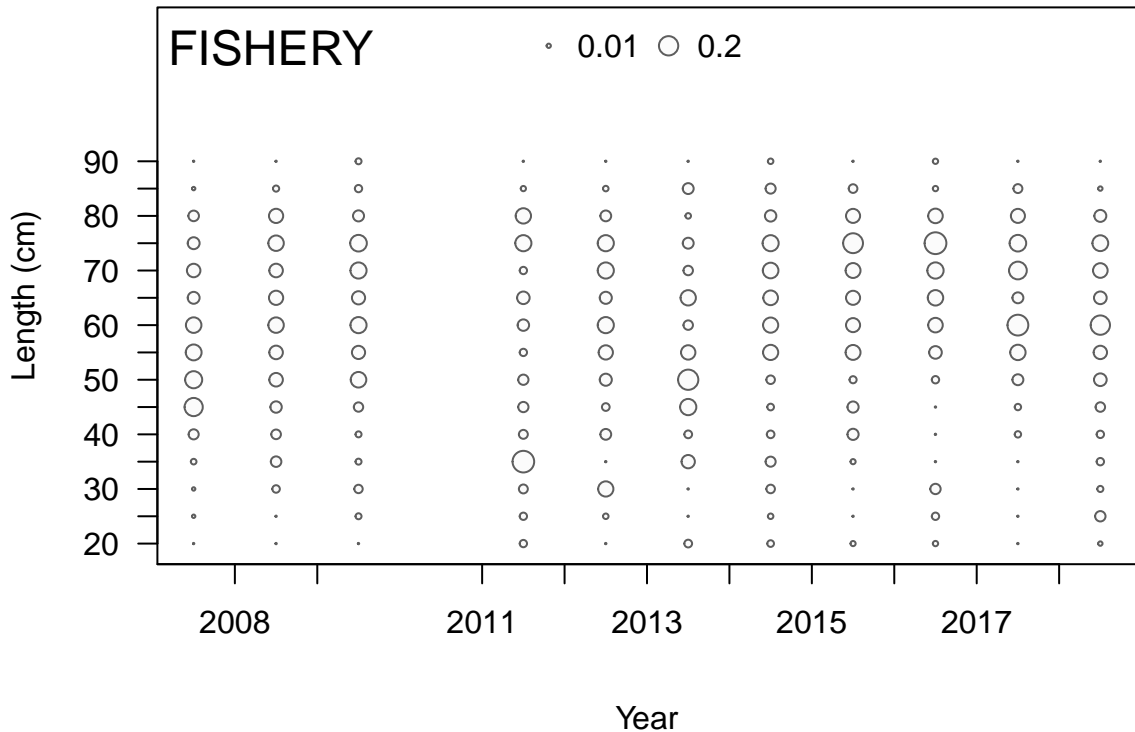




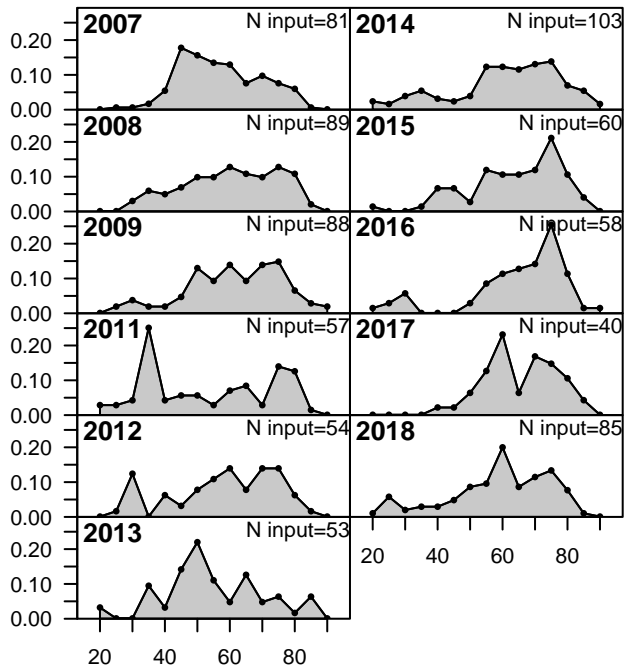




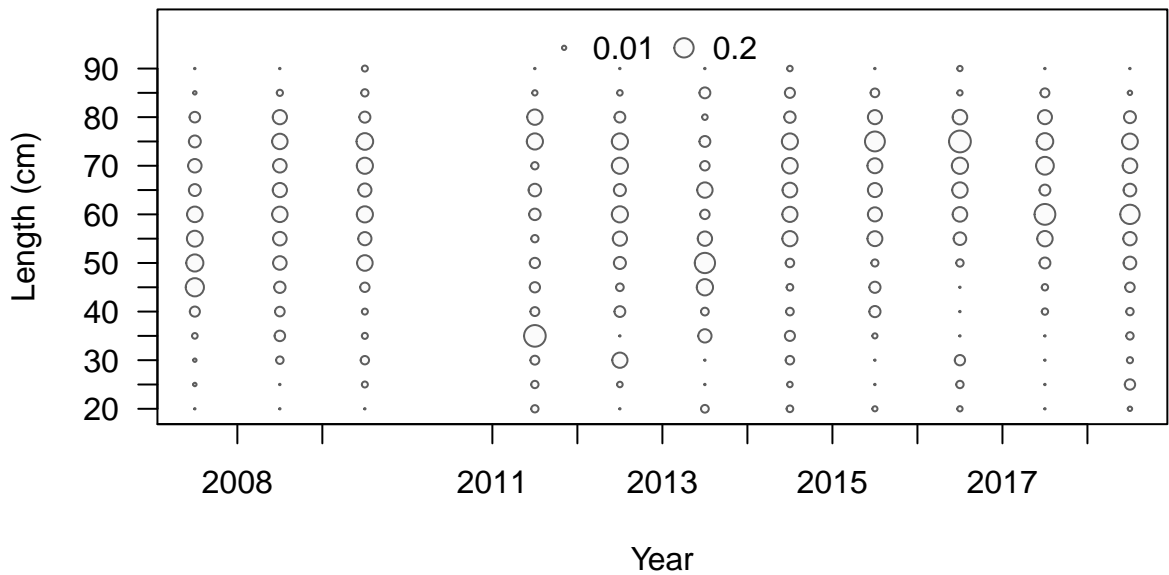




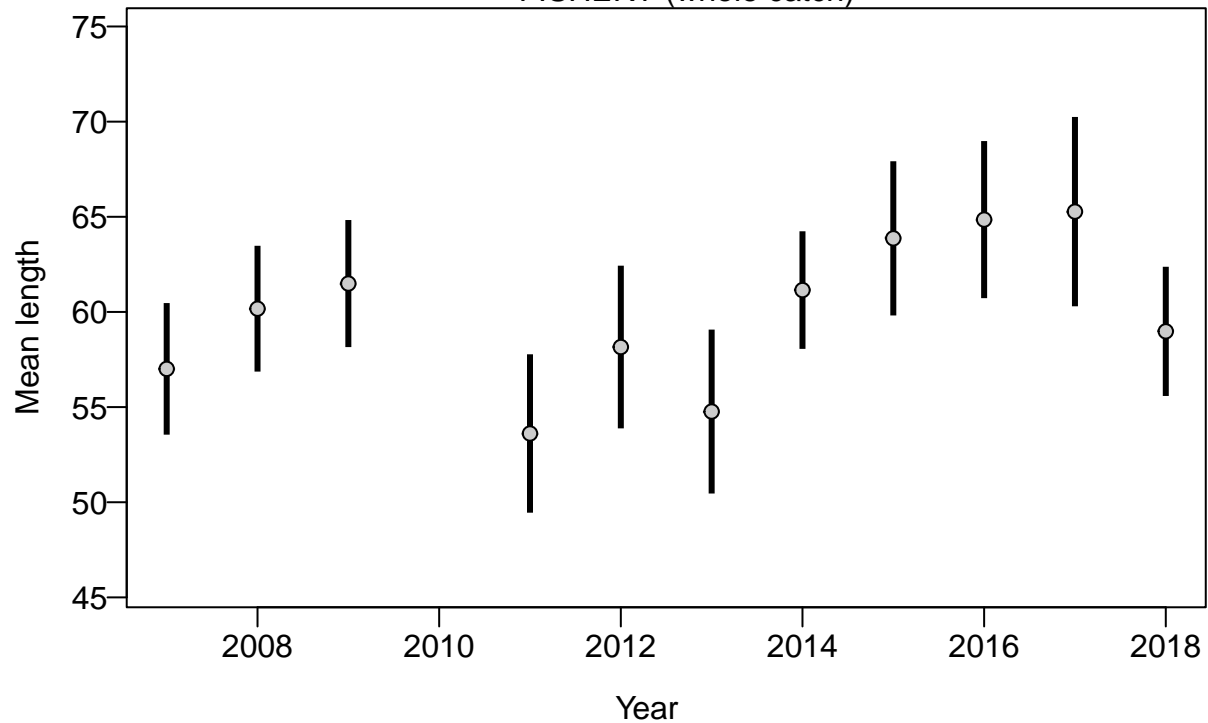
Proportion

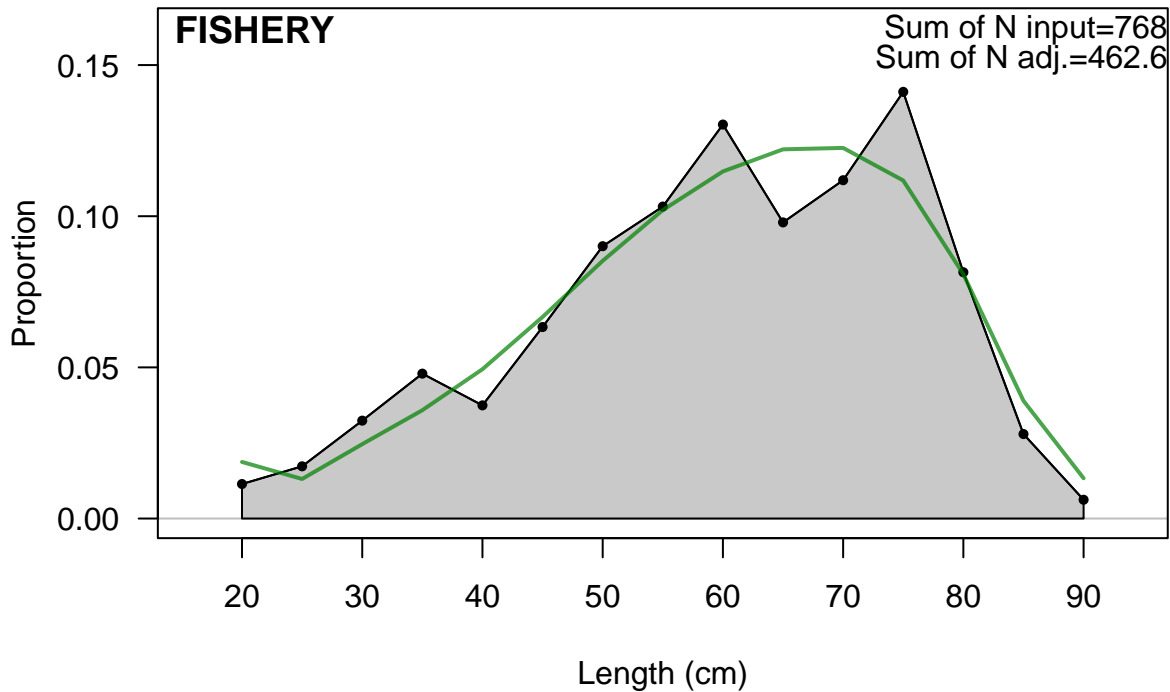


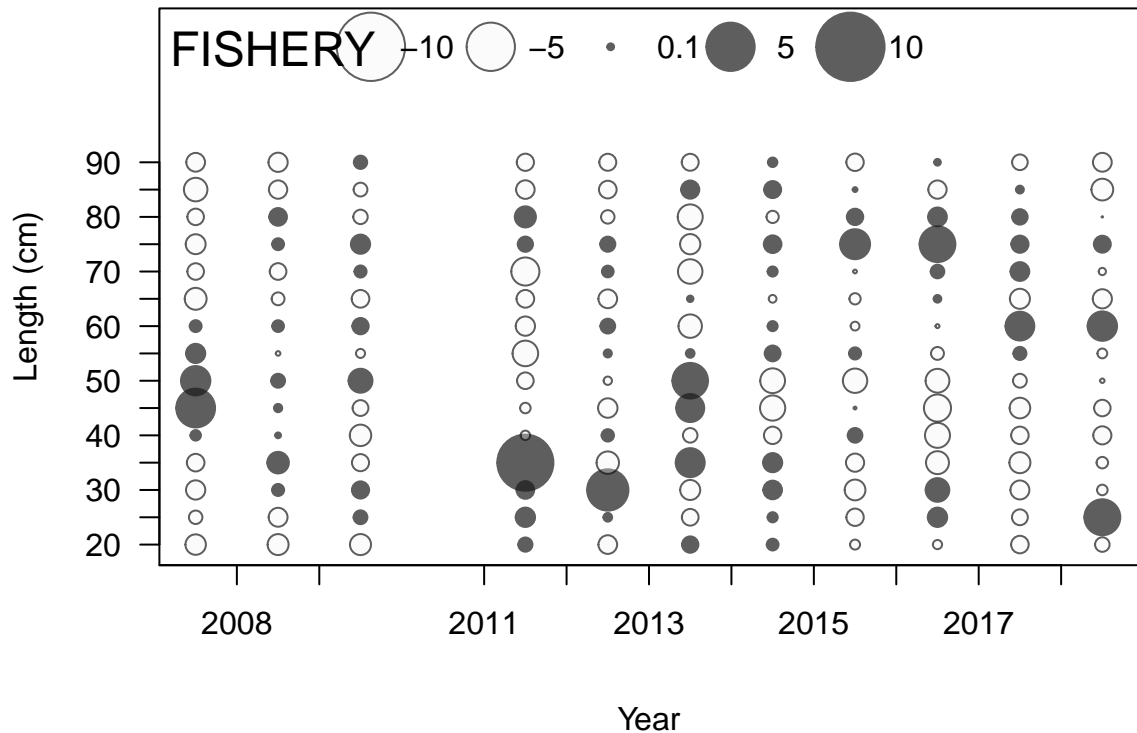
Length (cm)



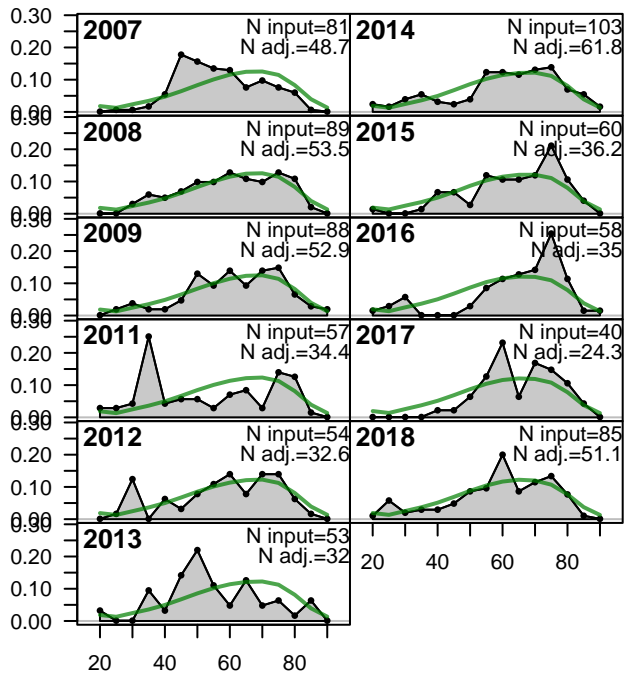
FISHERY (whole catch)



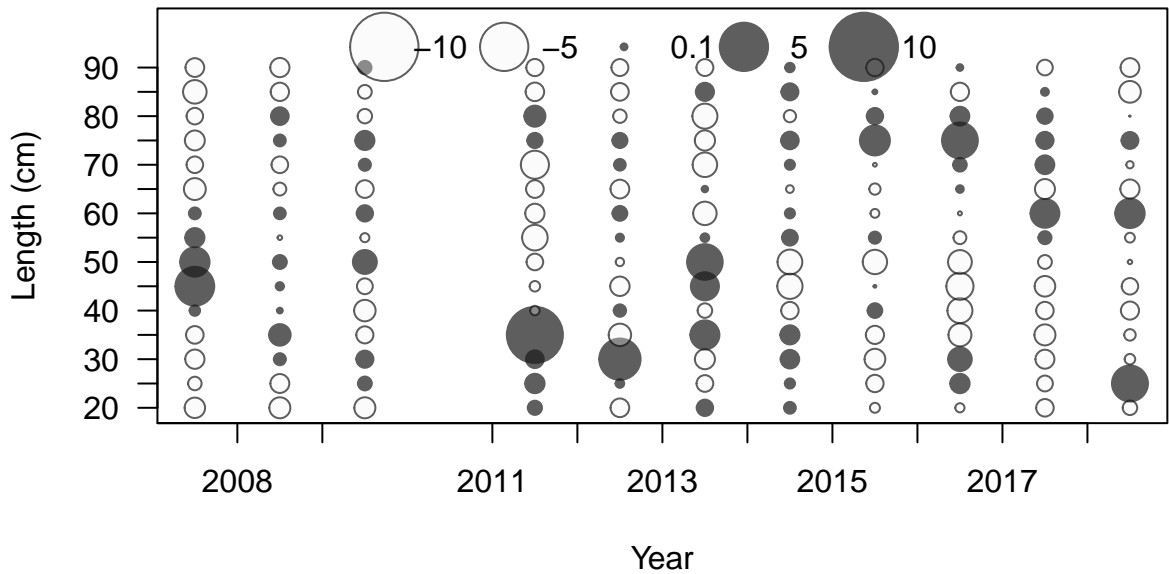




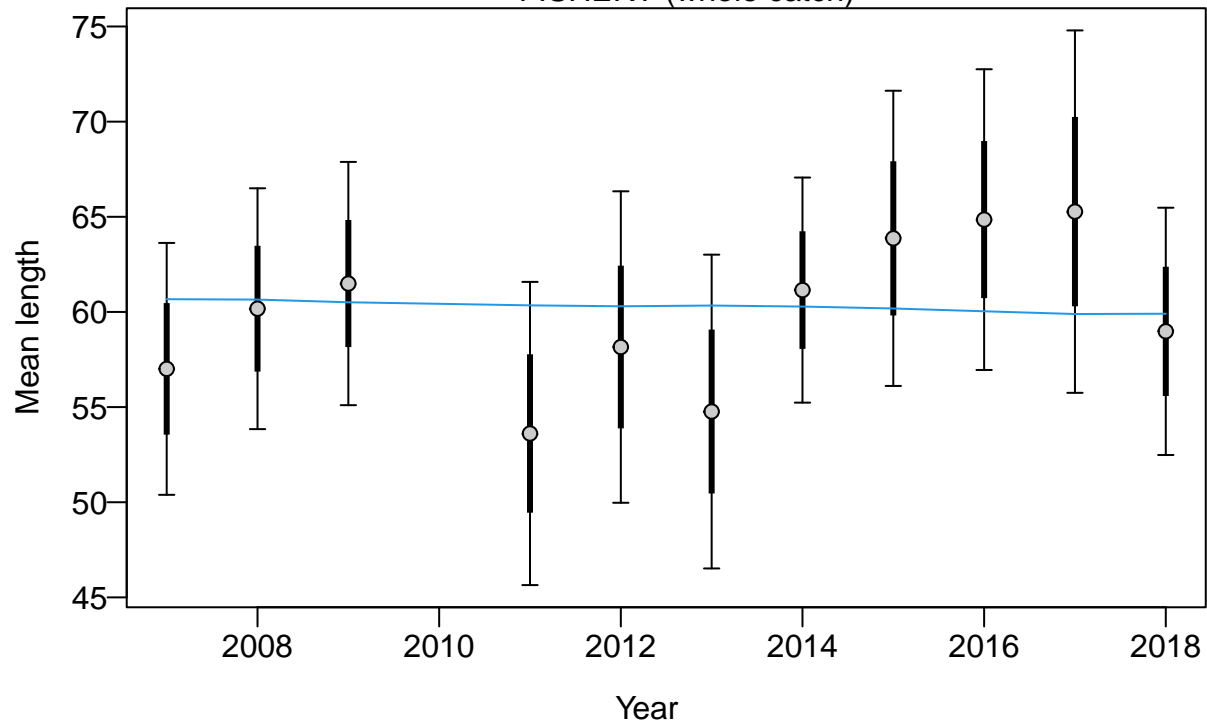
Proportion

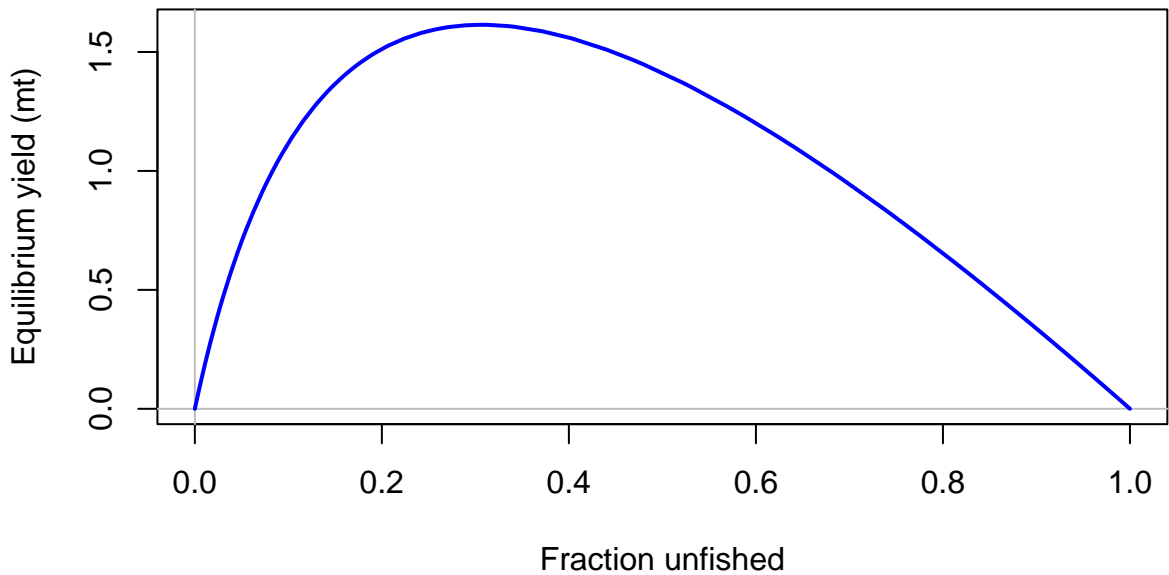


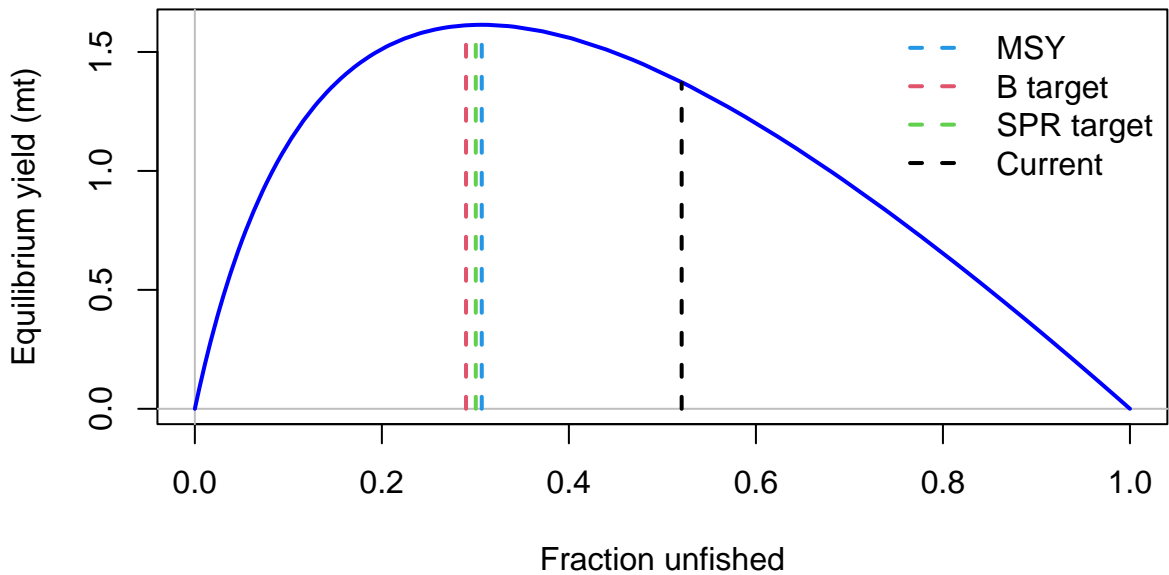
Length (cm)

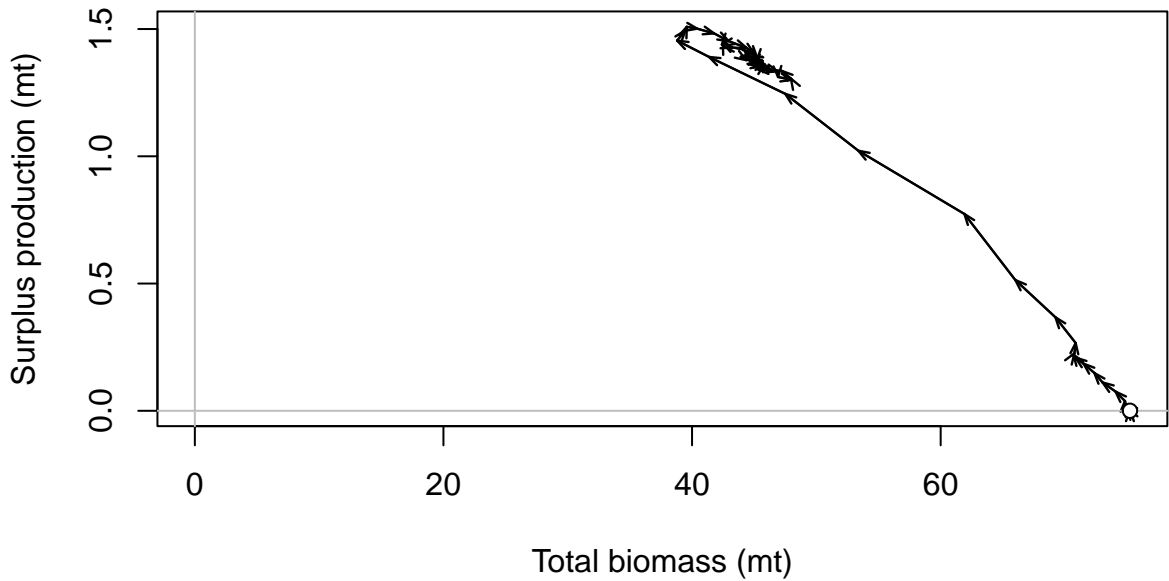


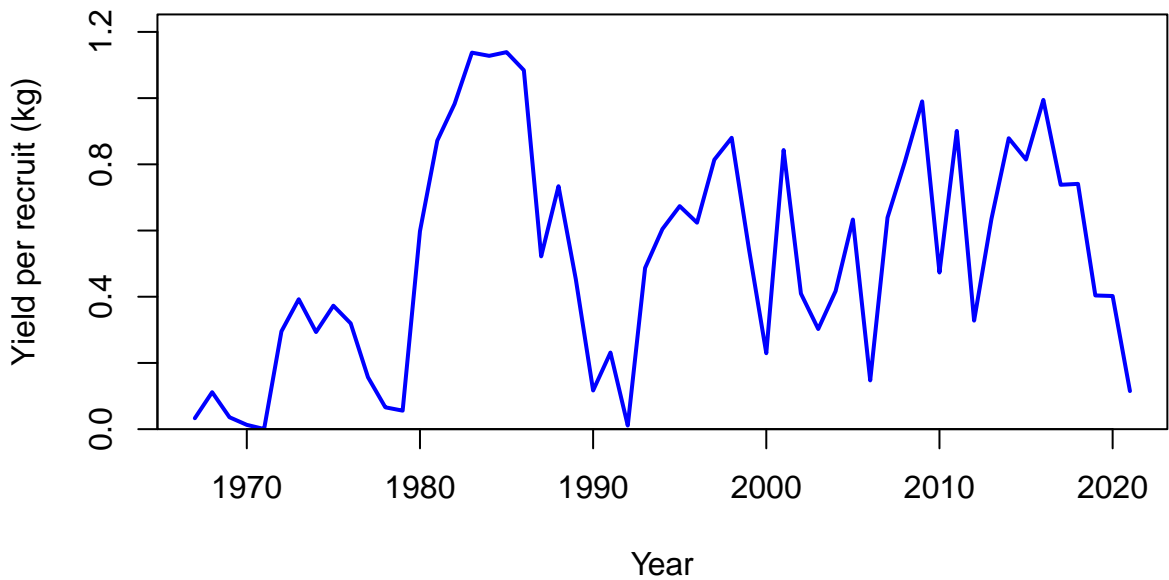
FISHERY (whole catch)

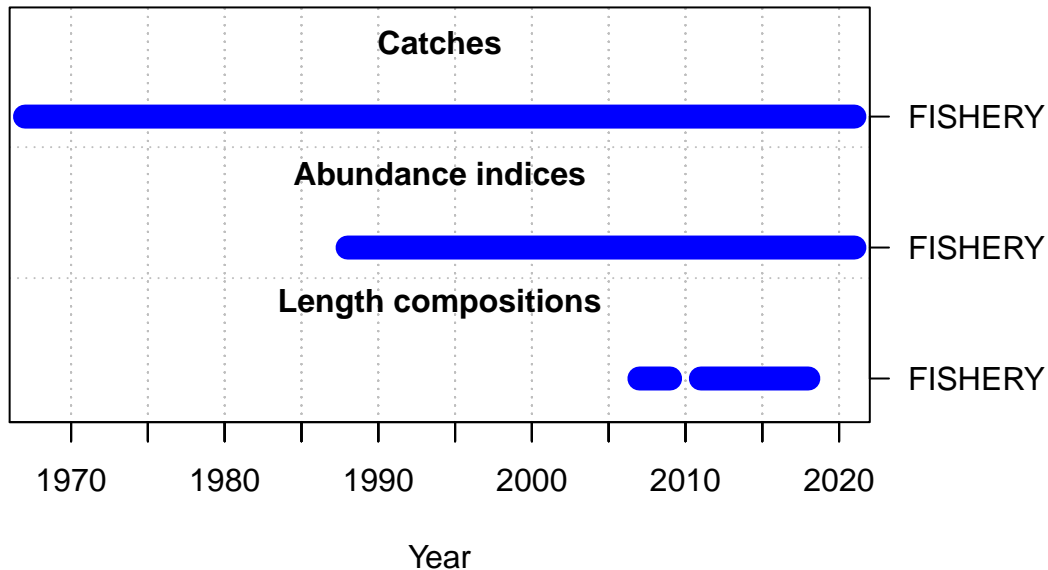


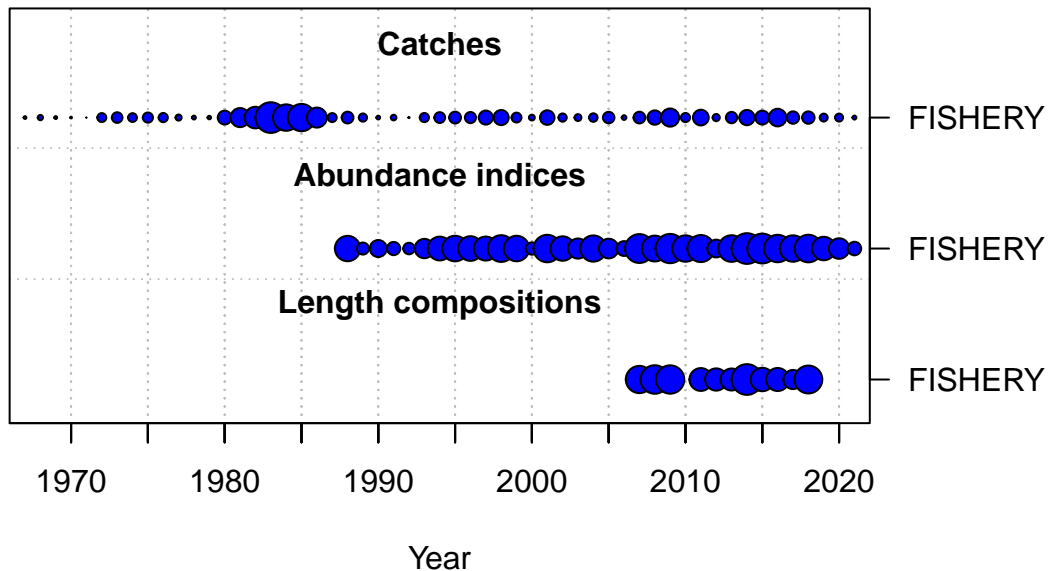








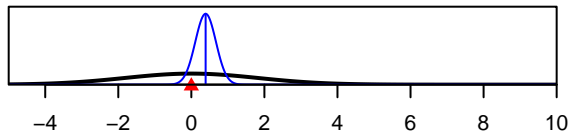




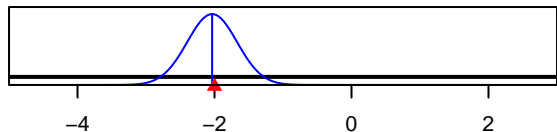
SR_LN(R0)



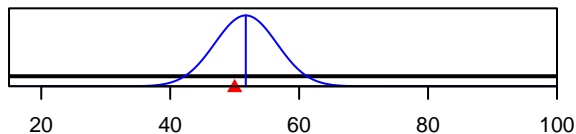
ln(DM_theta)_1



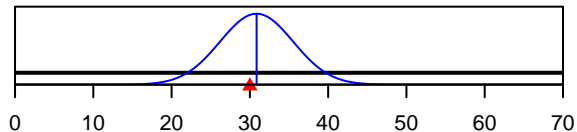
LnQ_base_FISHERY(1)



Size_inflection_FISHERY(1)



Size_95%width_FISHERY(1)



Parameter value