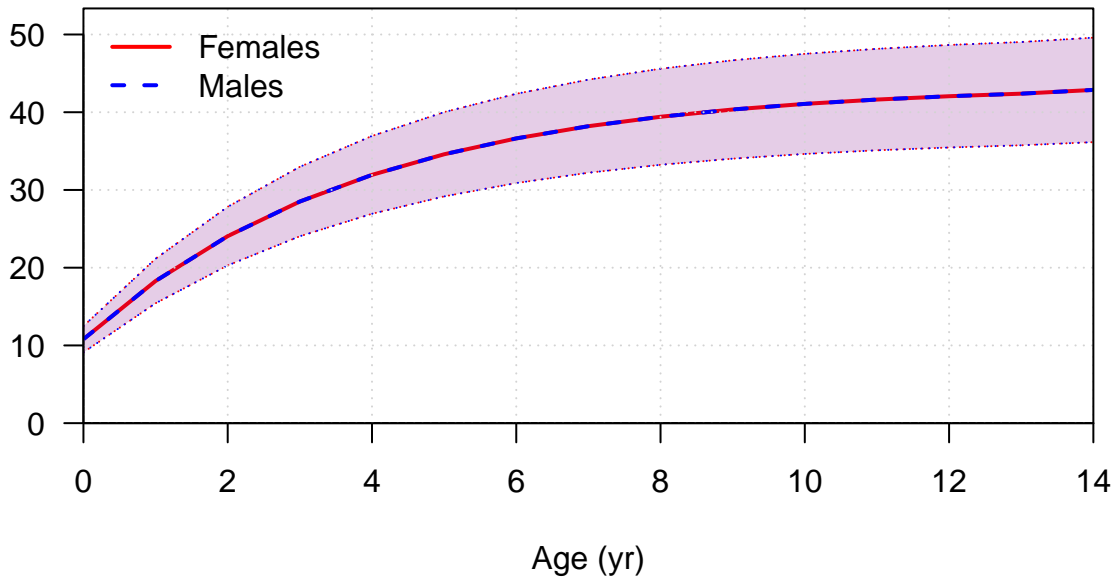
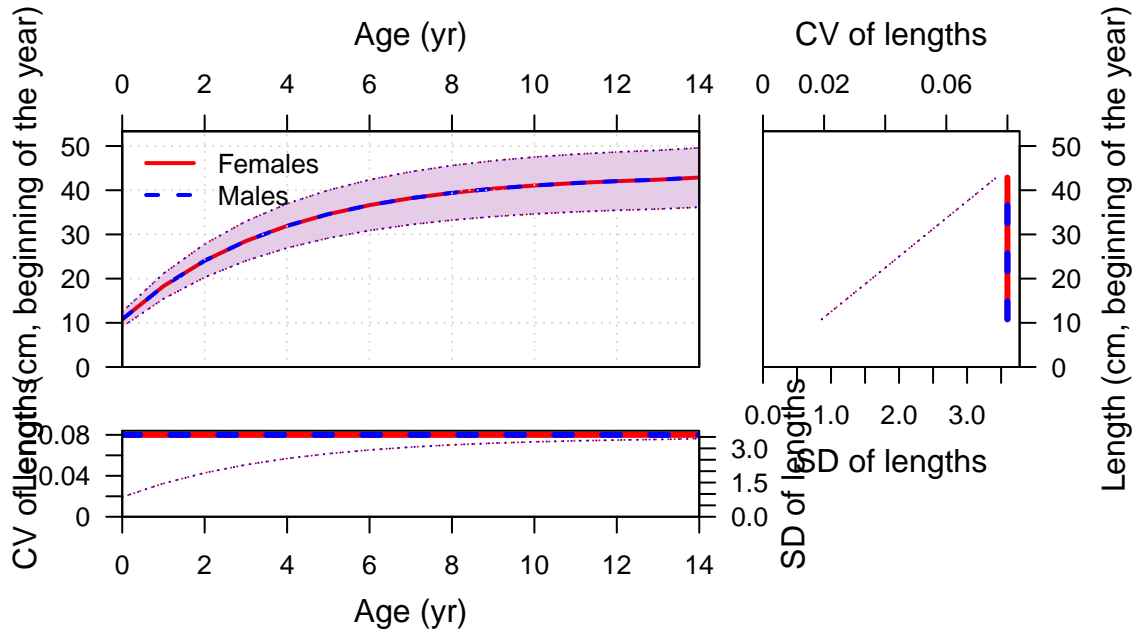
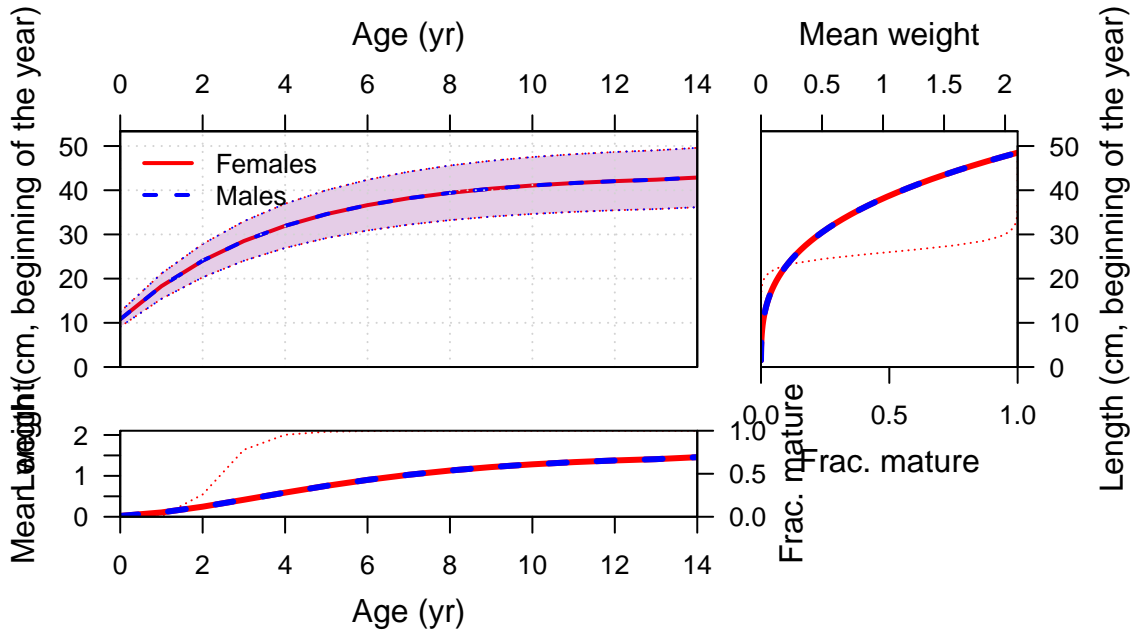


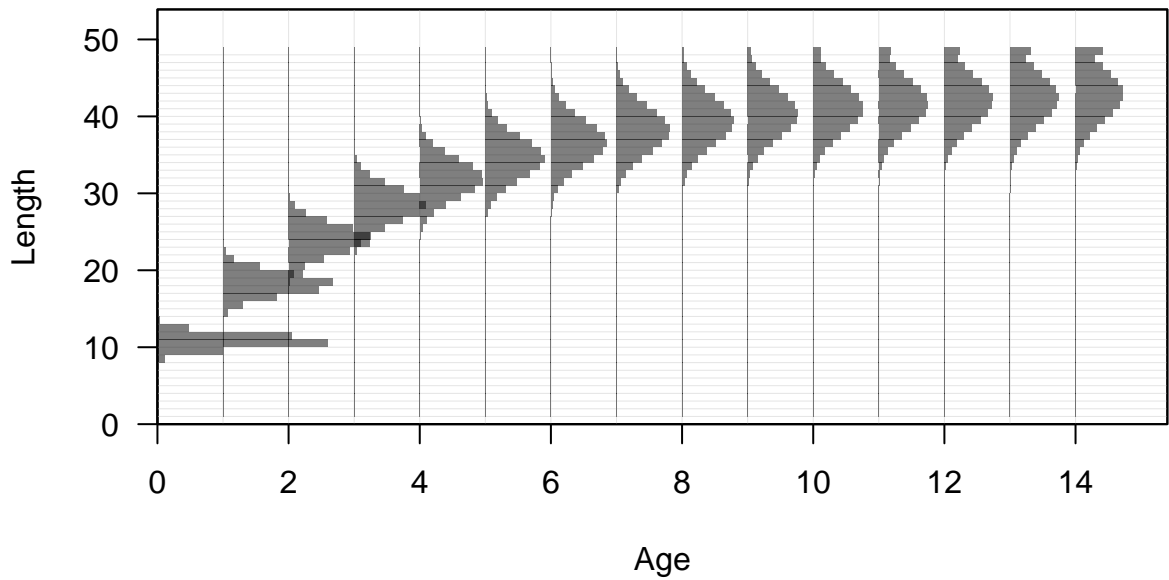
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Wed Jul 20 14:42:34 2022  
Data\_File: data.ss  
Control\_File: control.ss

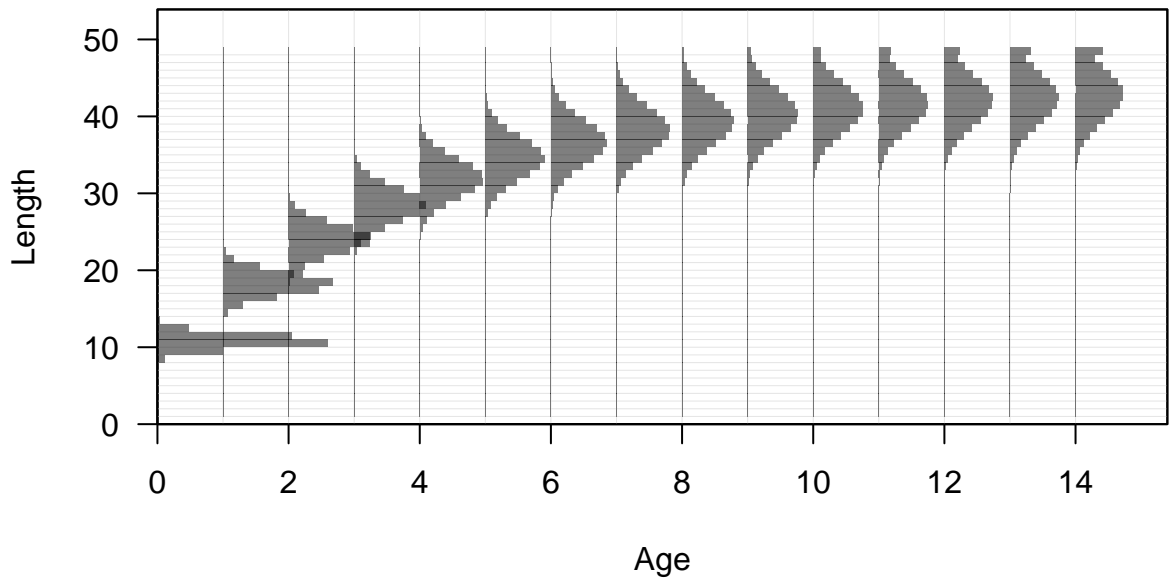
Length (cm, beginning of the year)

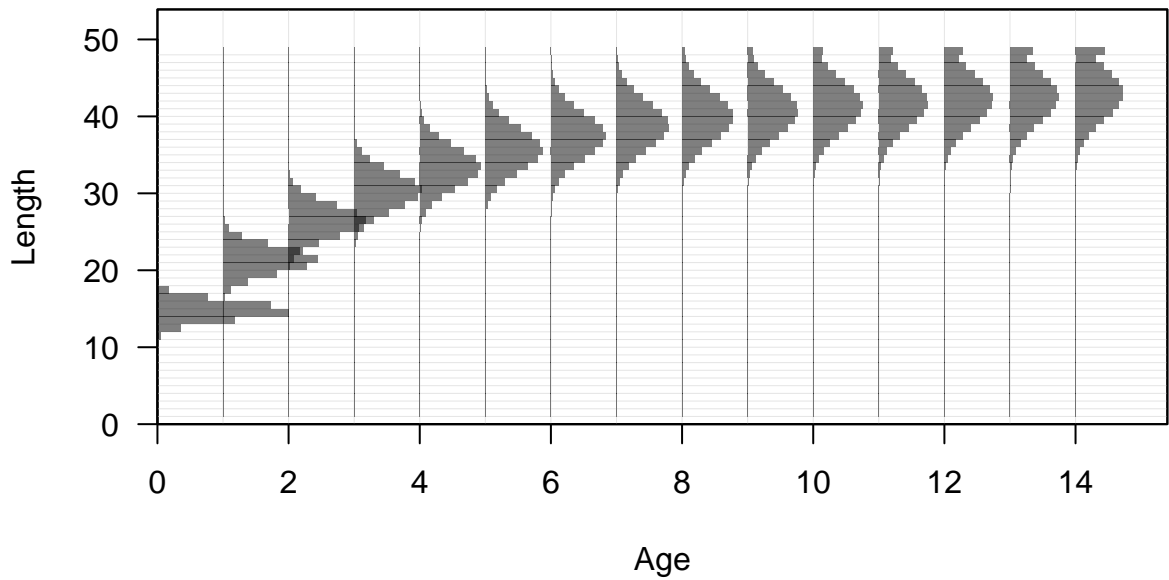


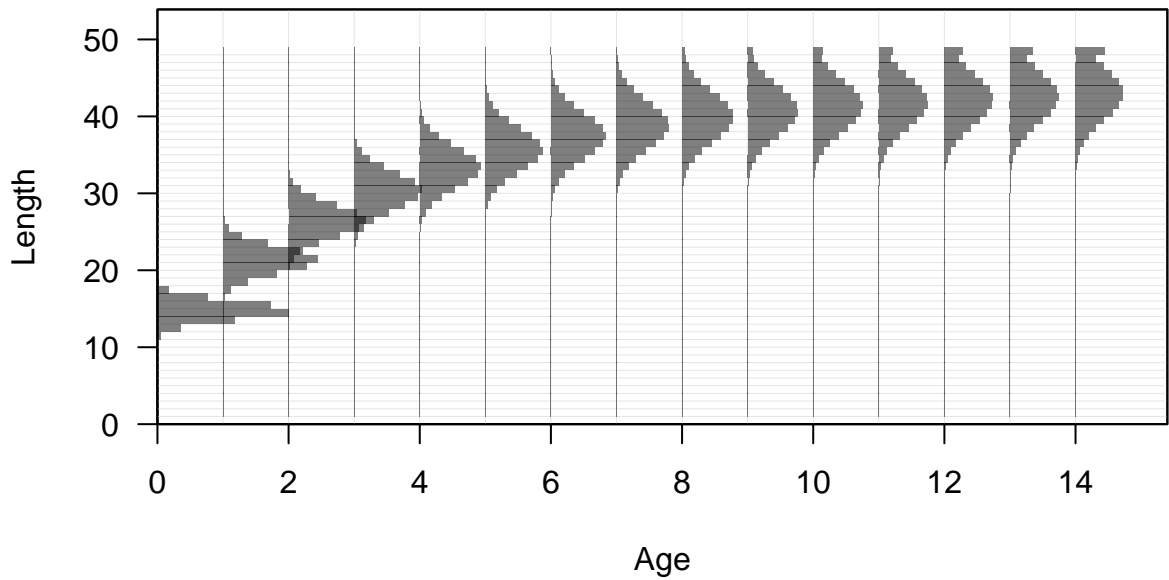




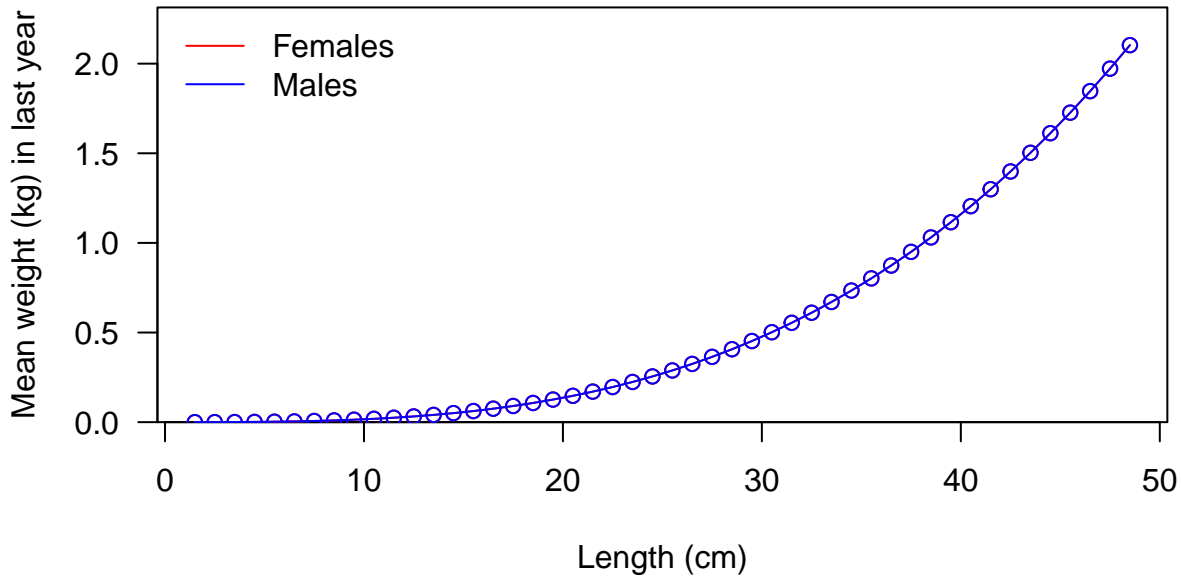


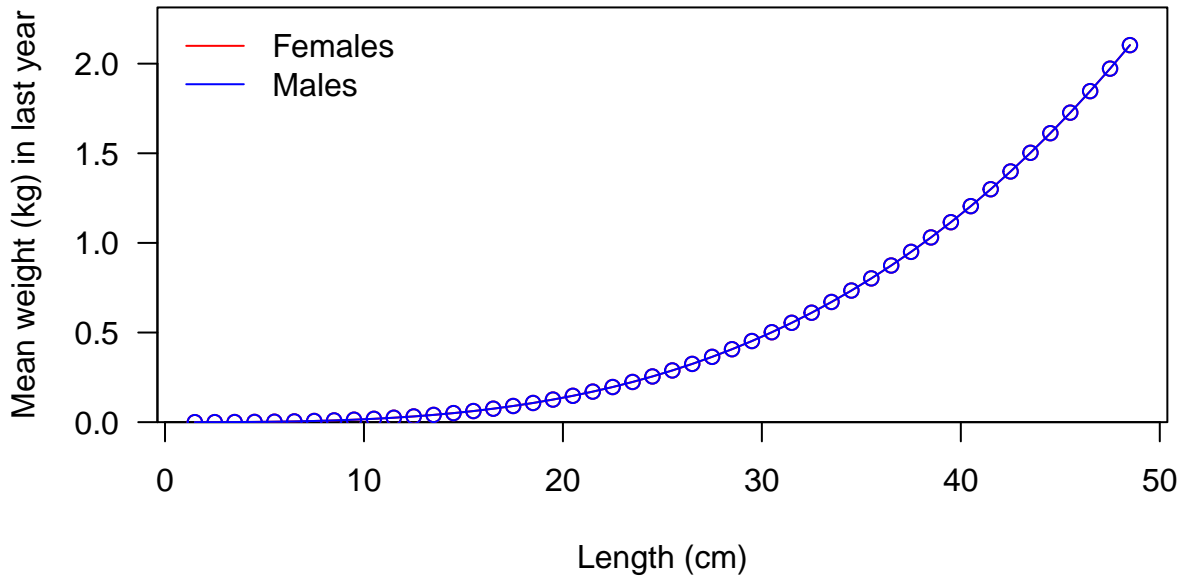


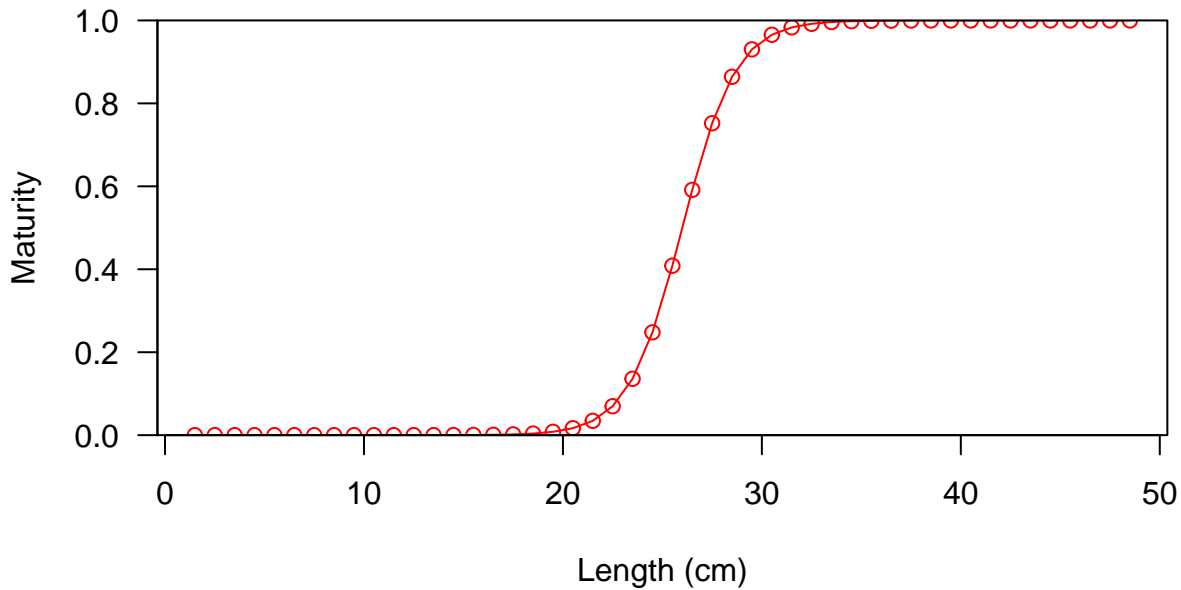


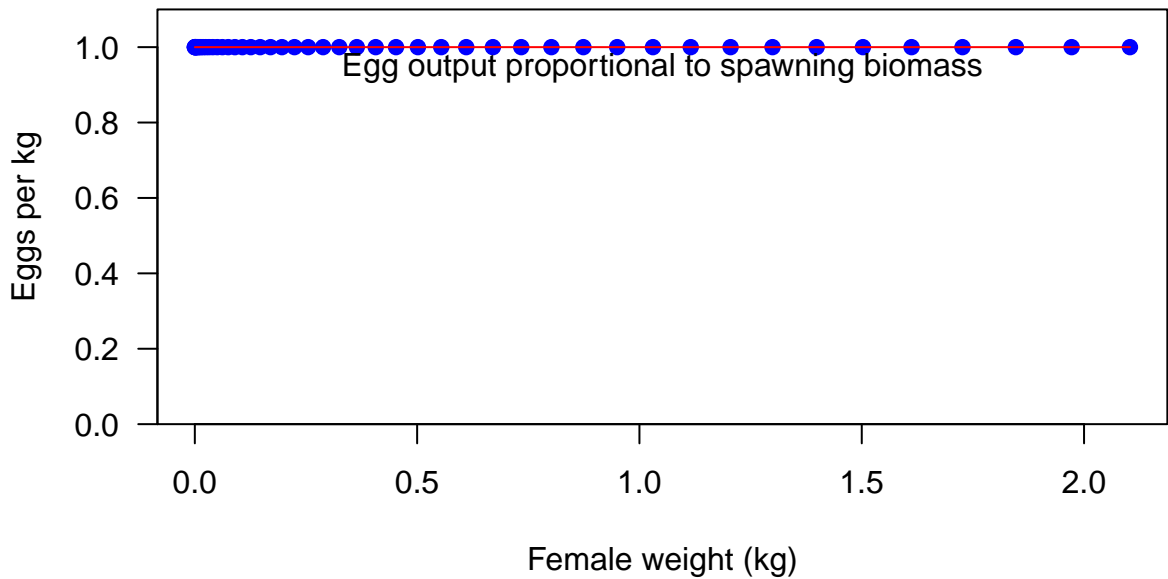


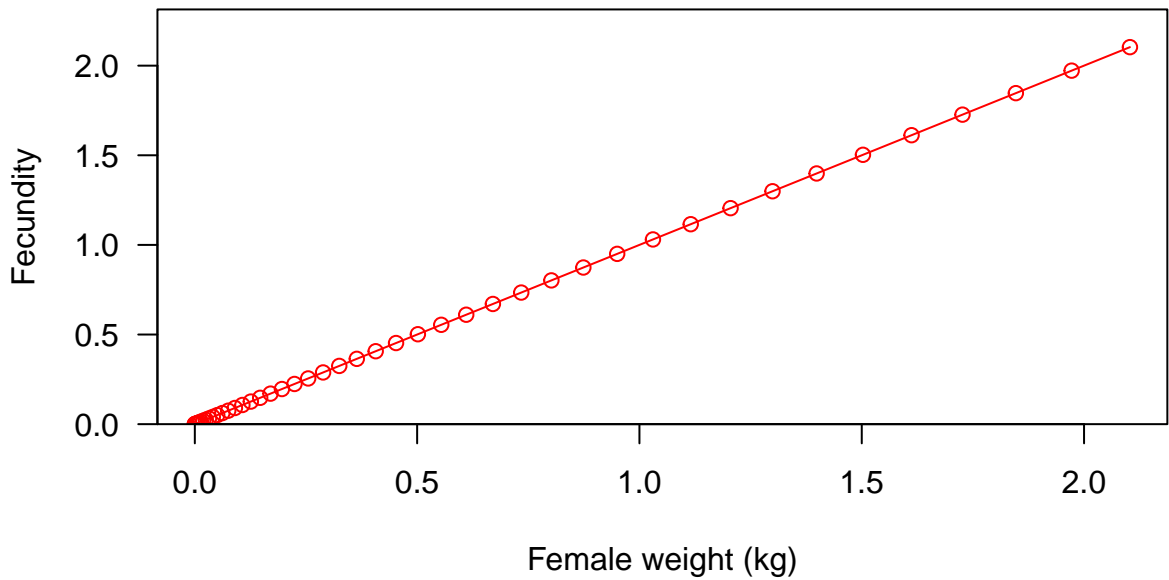


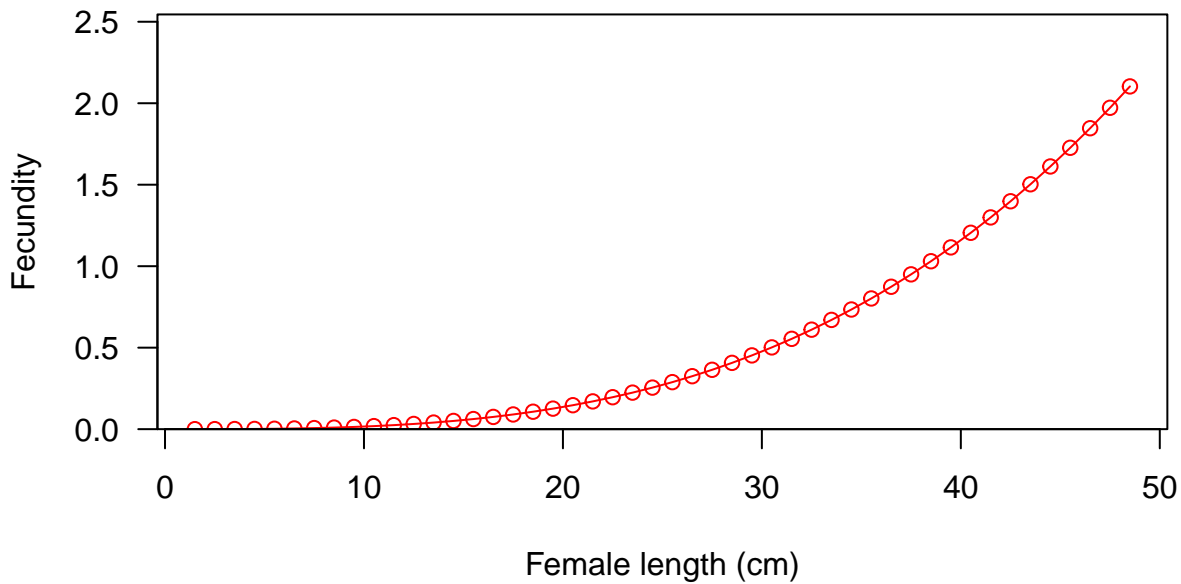


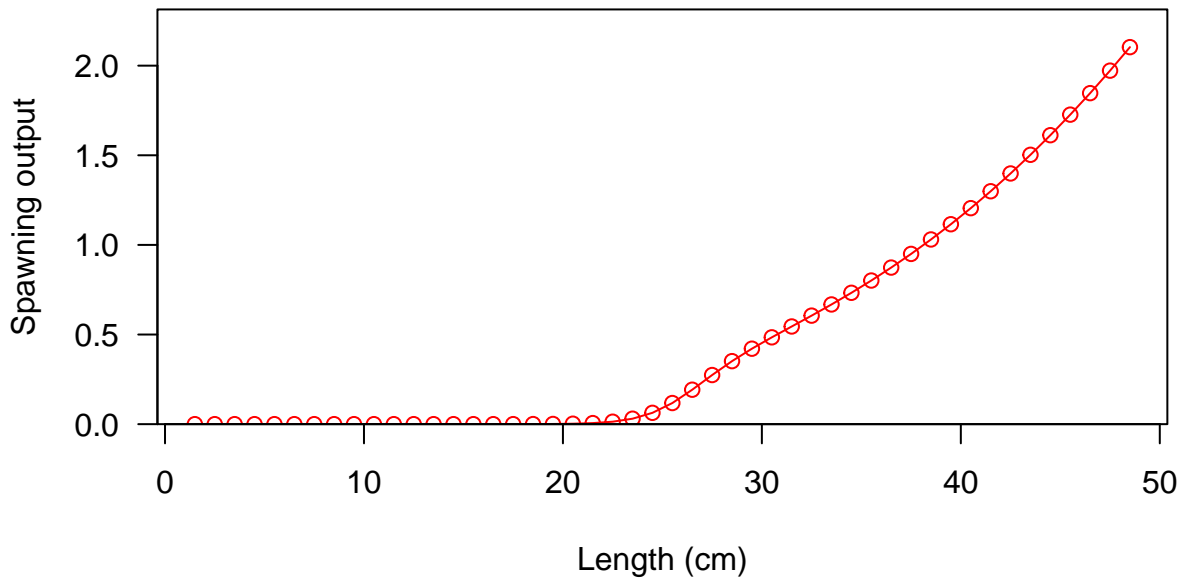


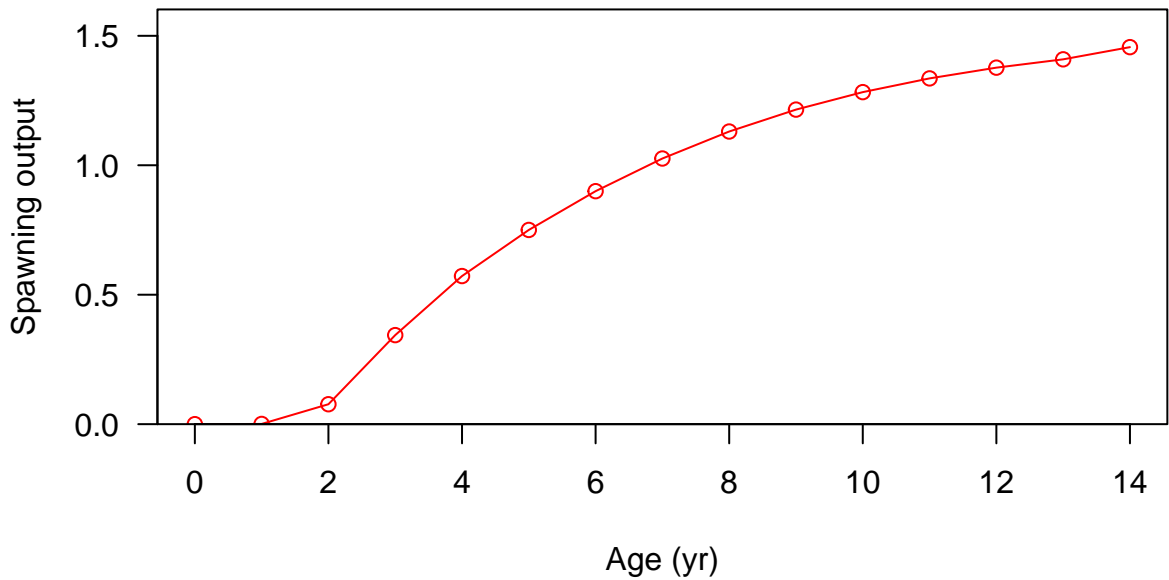






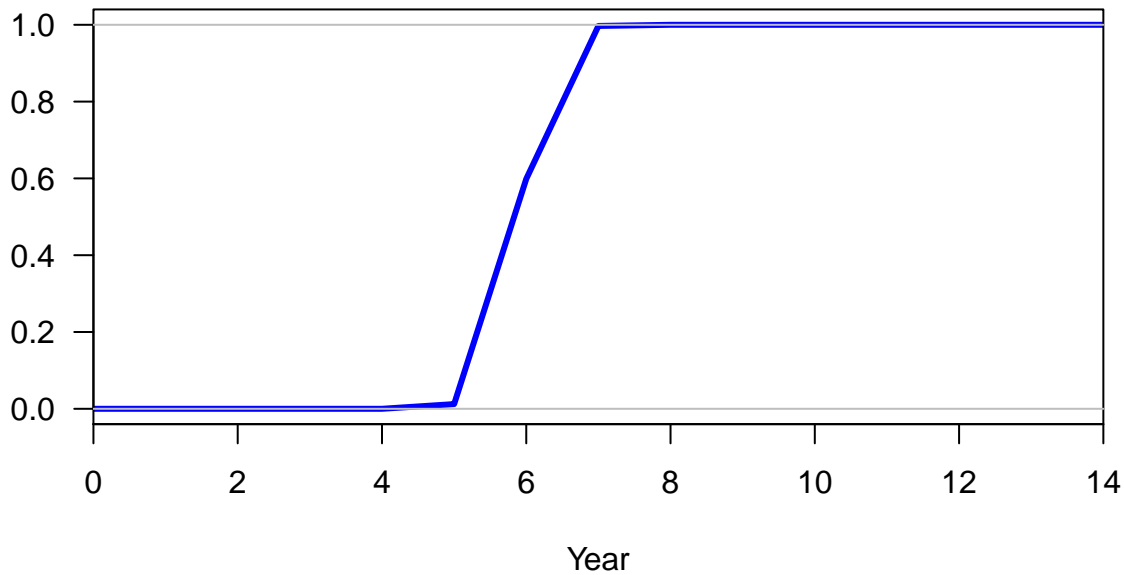




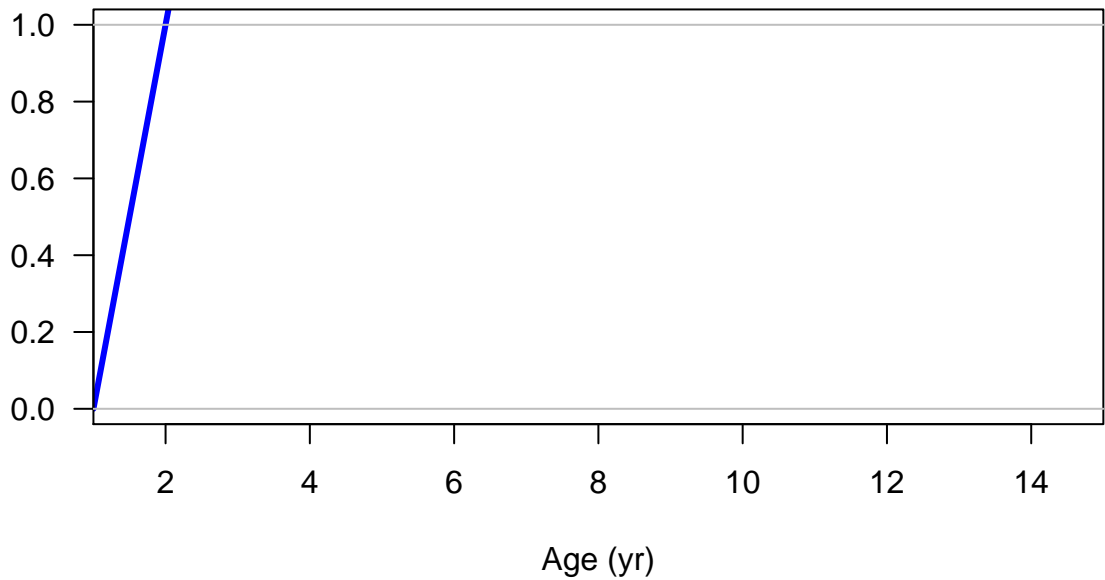




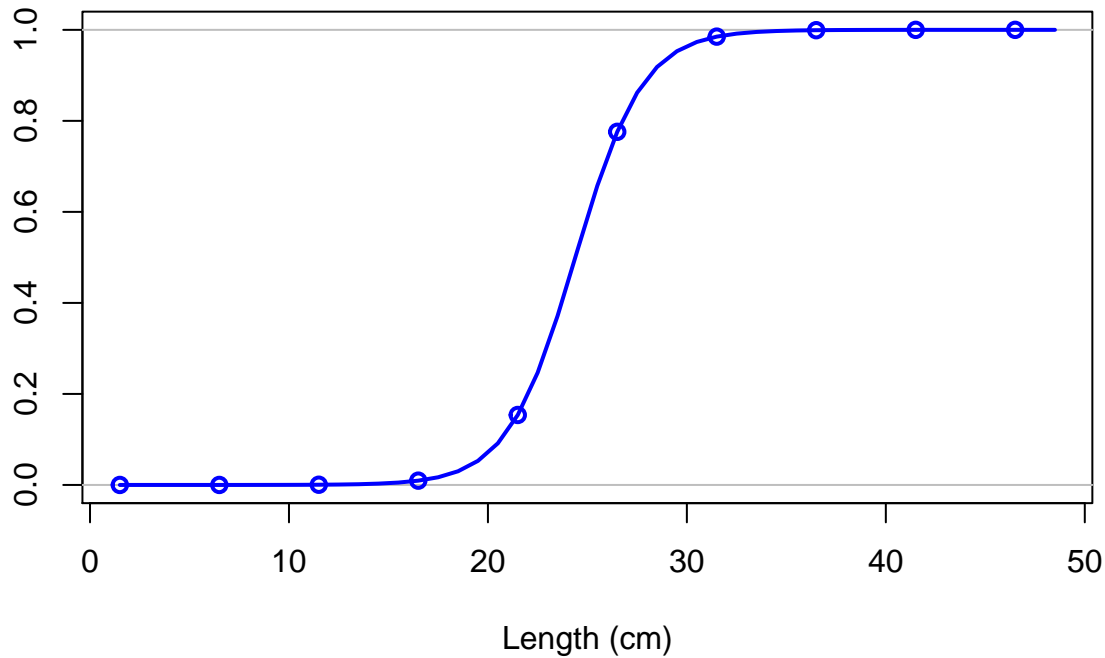
Hermaphroditism transition rate



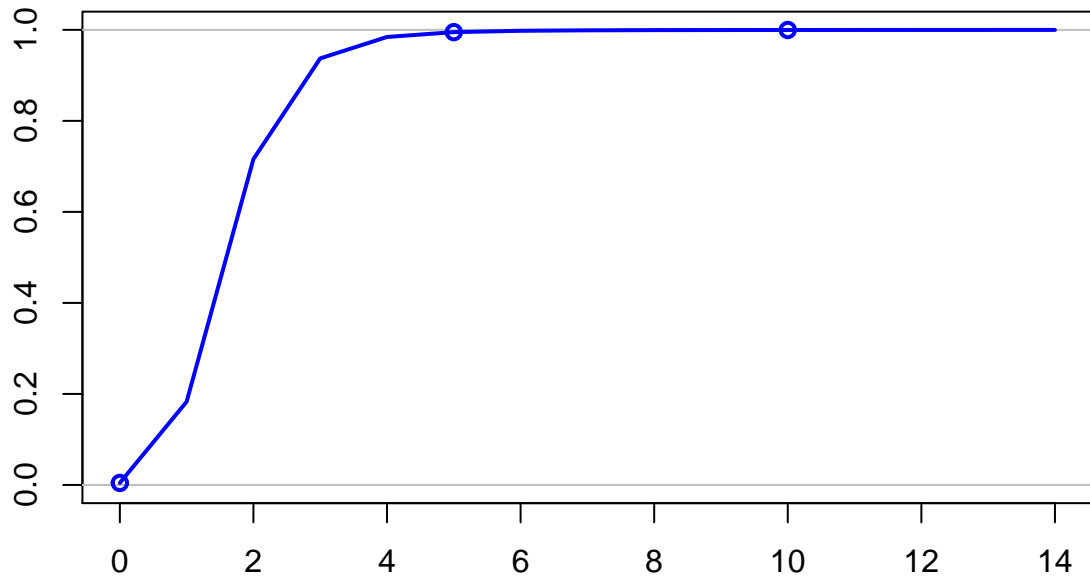
Fraction females by age at equilibrium



Selectivity

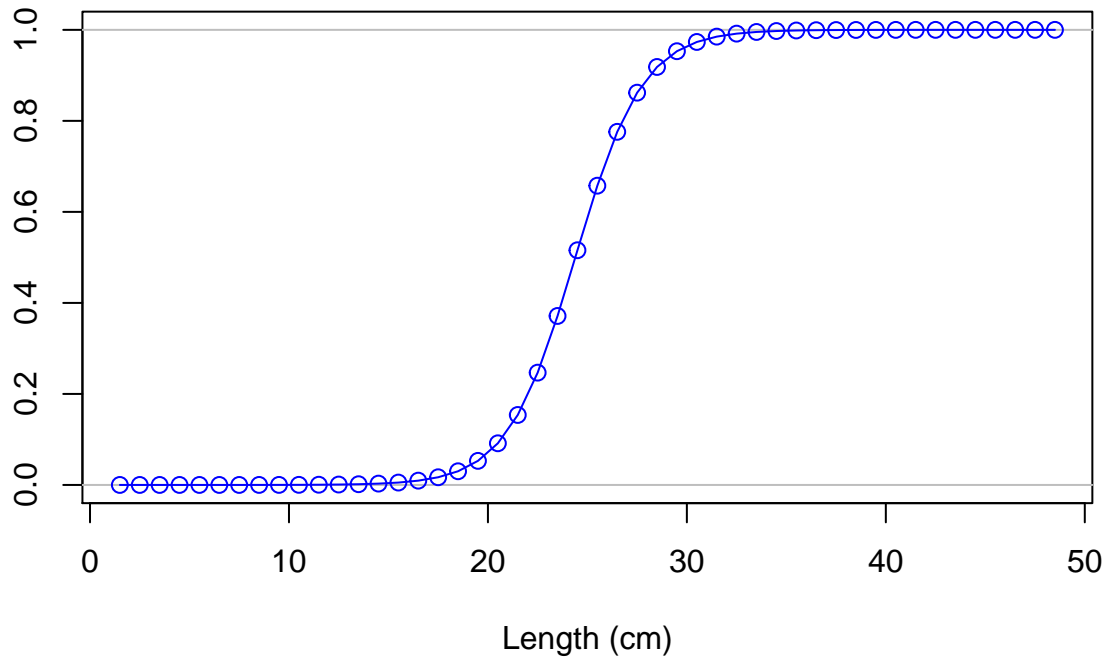


Selectivity

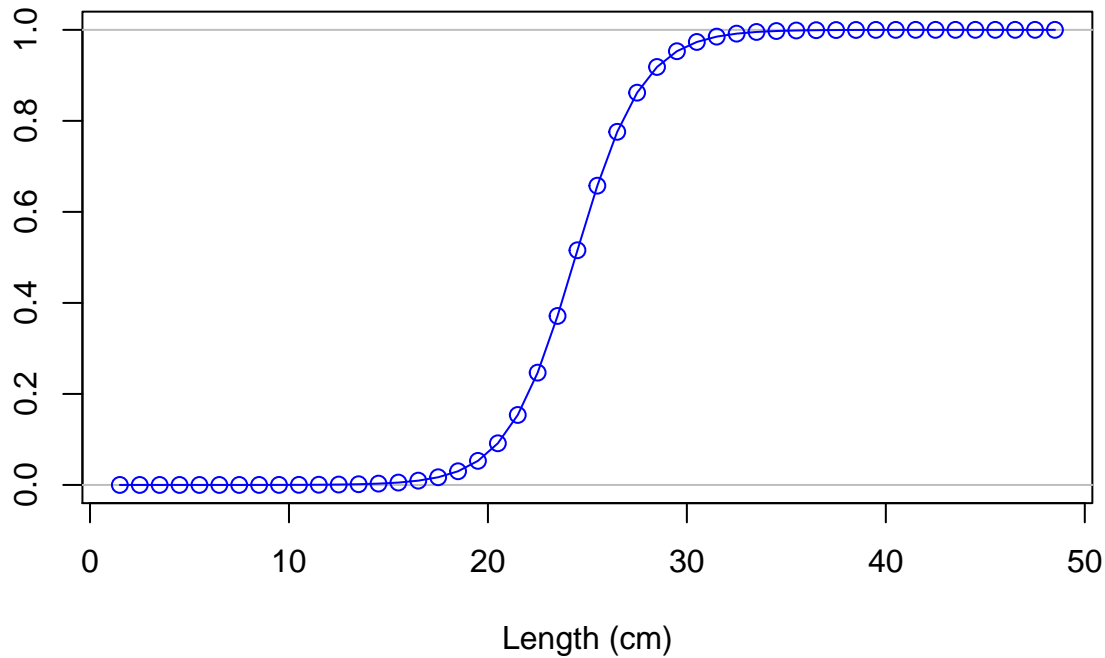


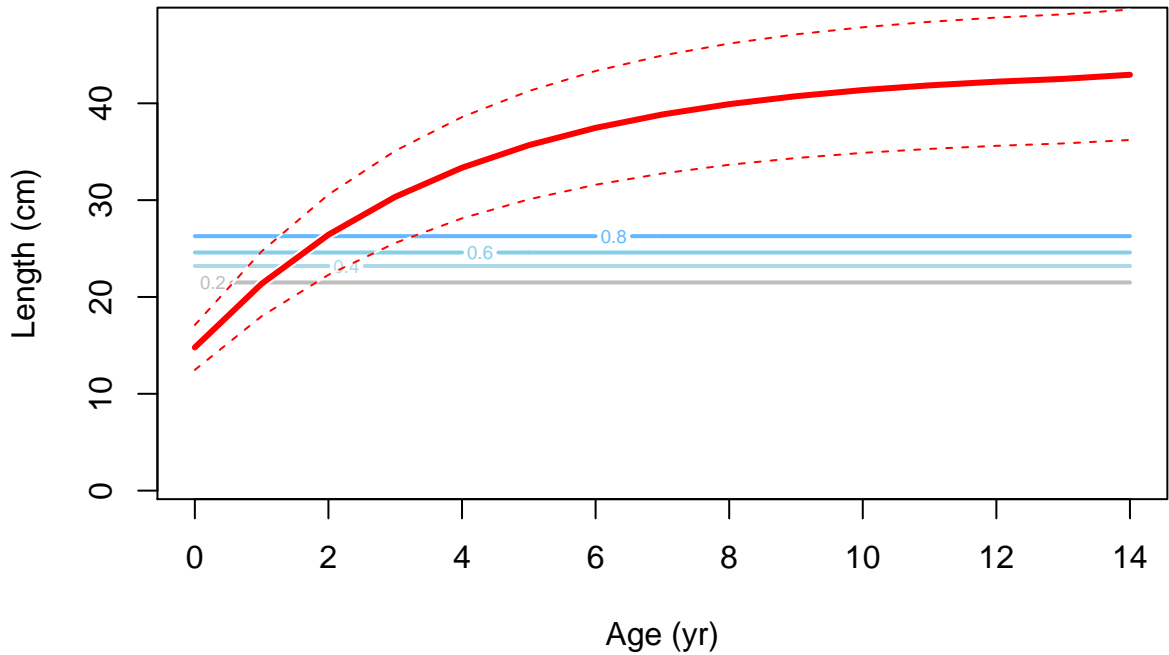
Age (yr)

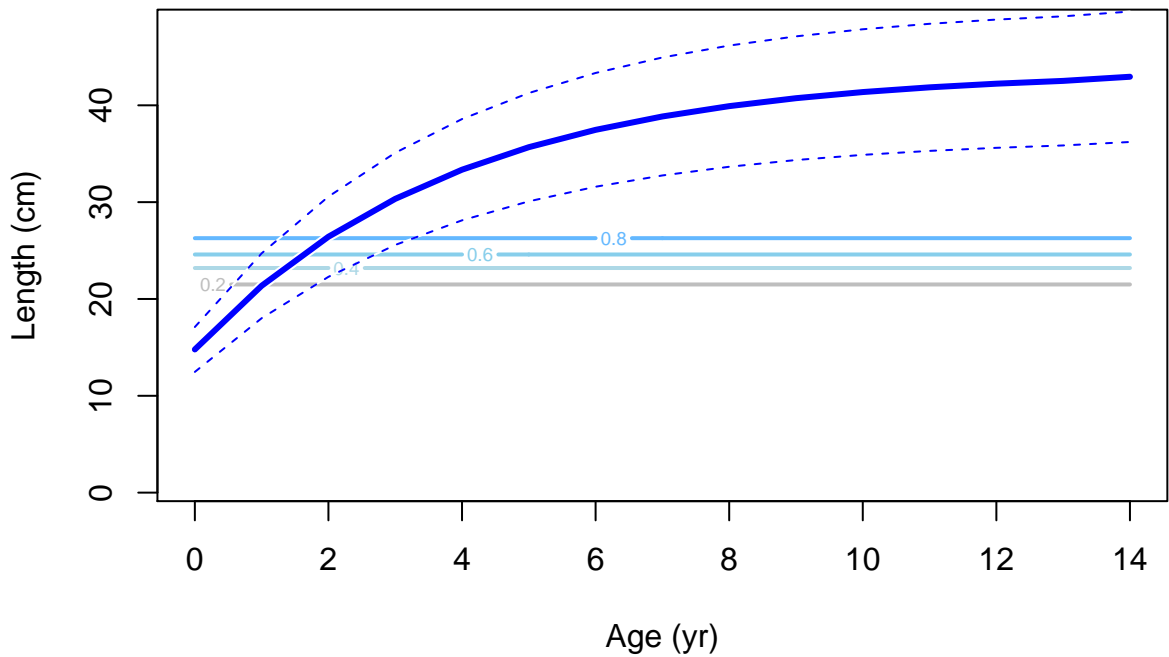
Selectivity



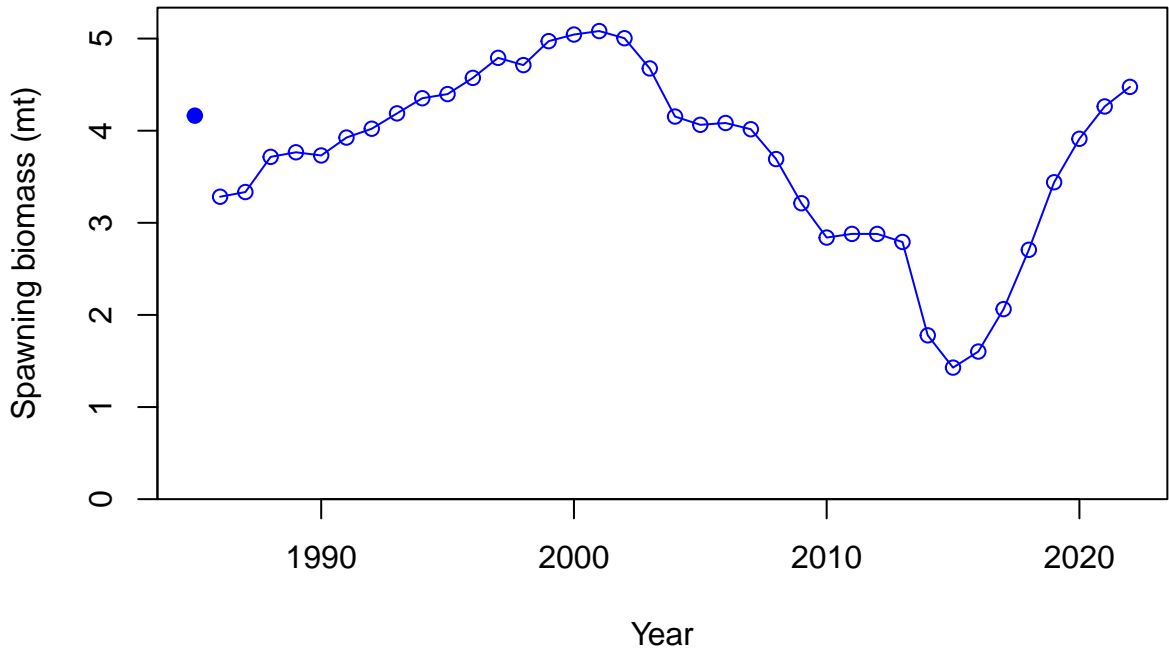
Selectivity



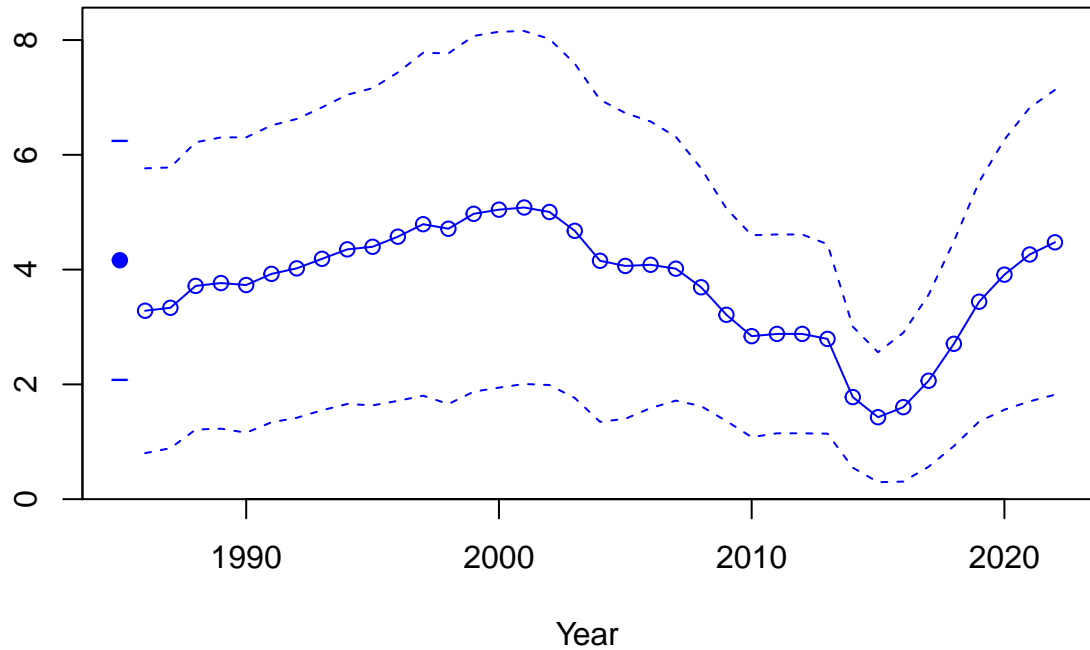




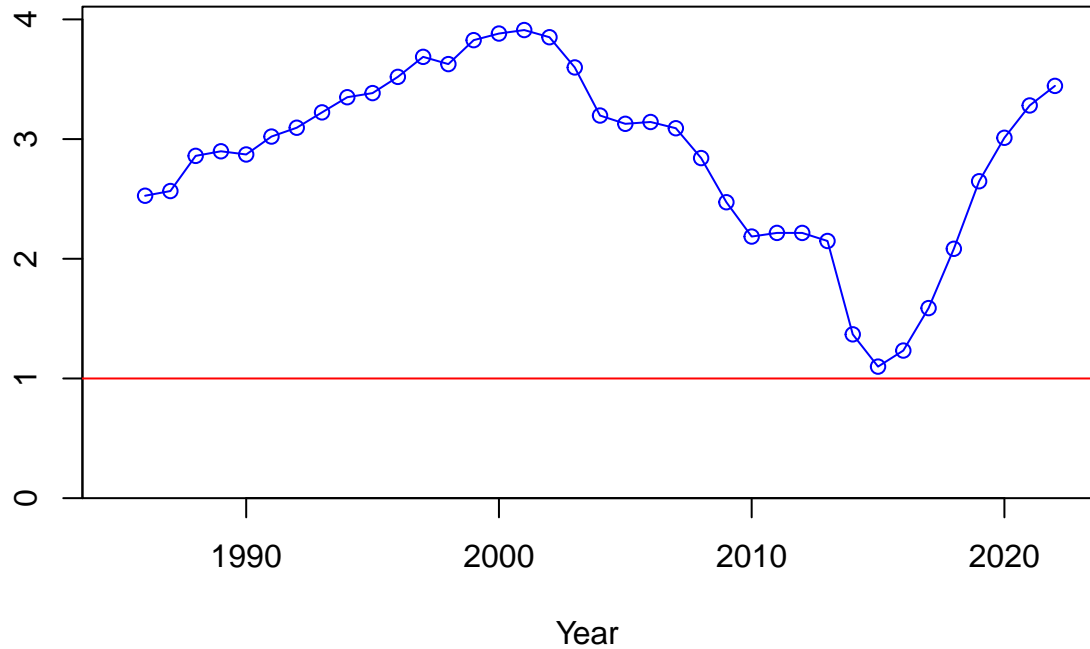




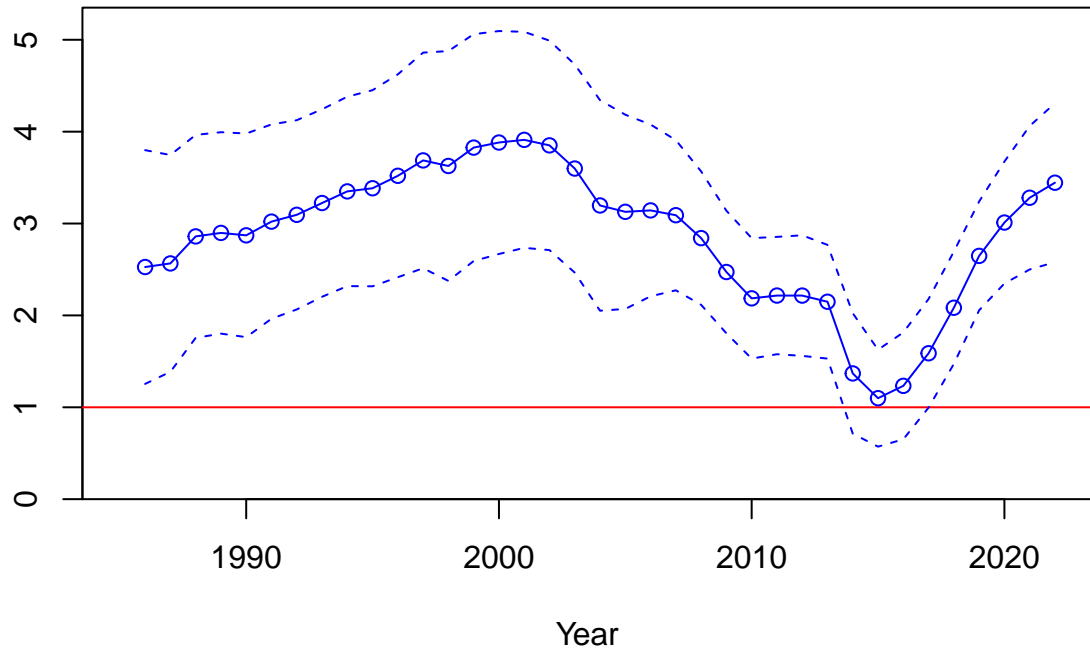
Spawning biomass (mt)

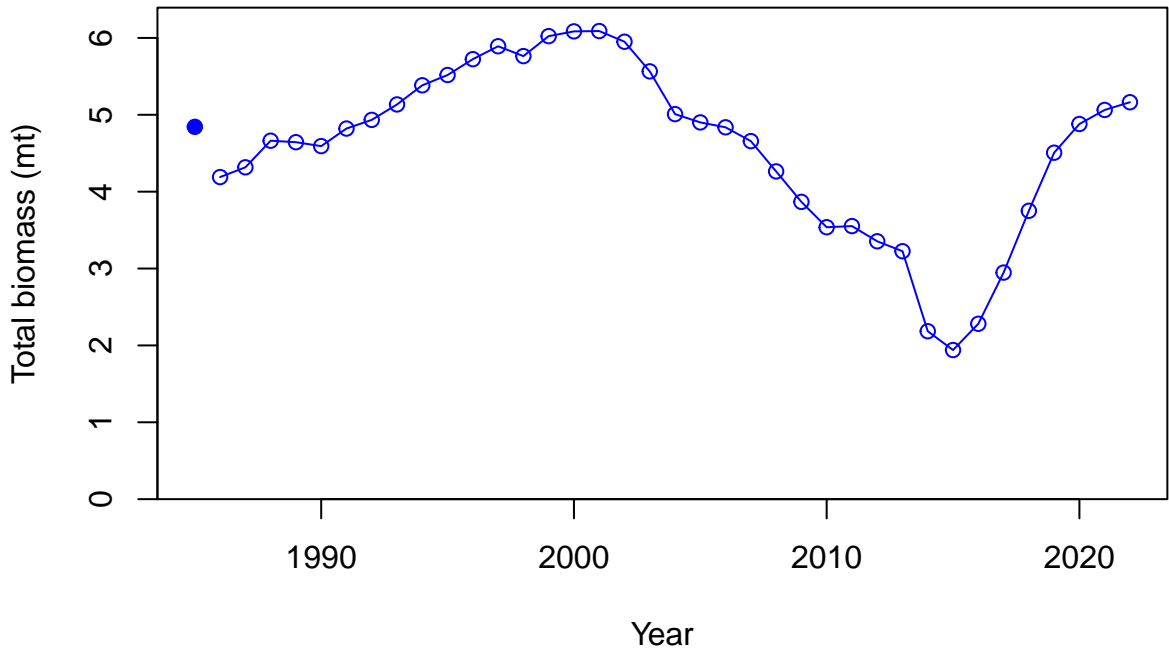


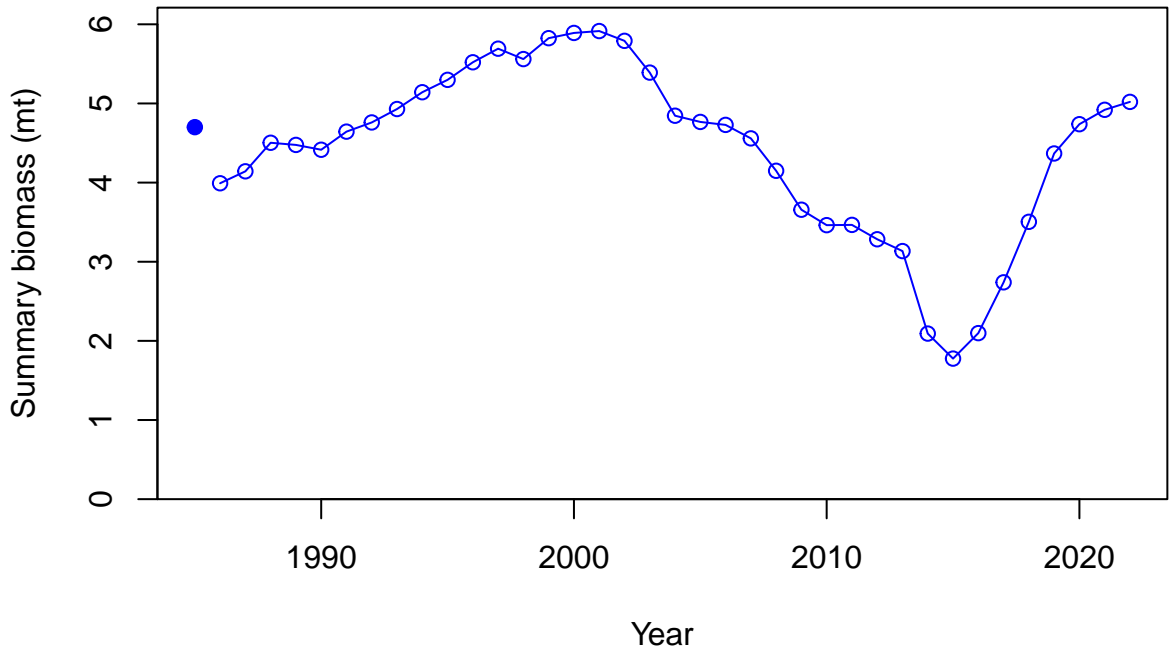
Relative spawning biomass:  $B/B_{MSY}$

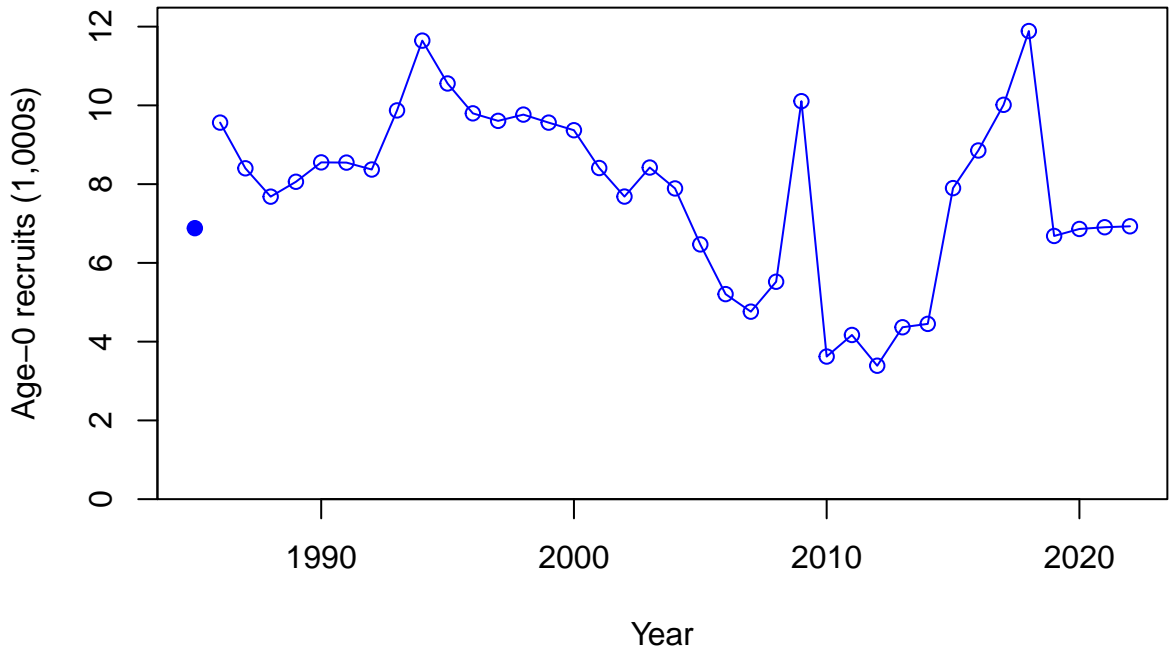


Relative spawning biomass:  $B/B_{MSY}$

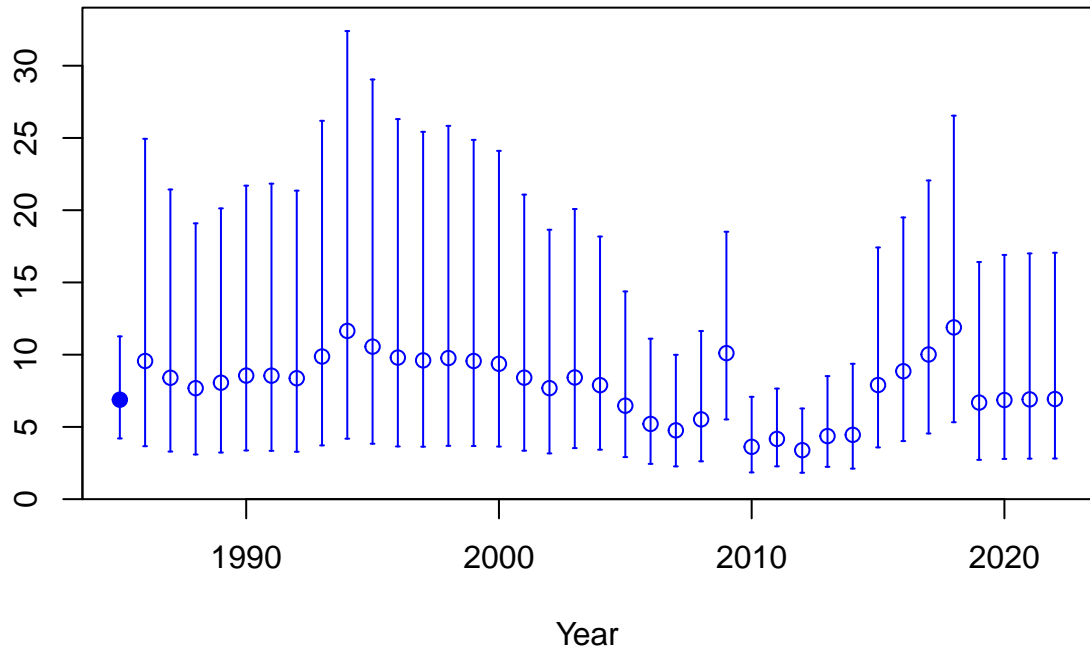






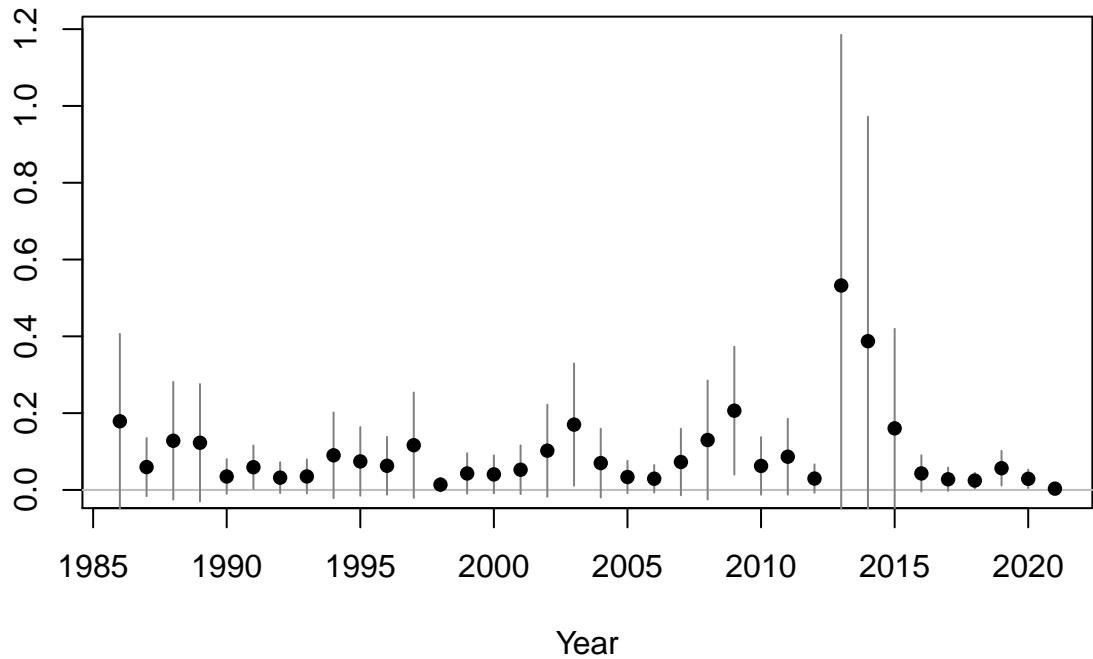


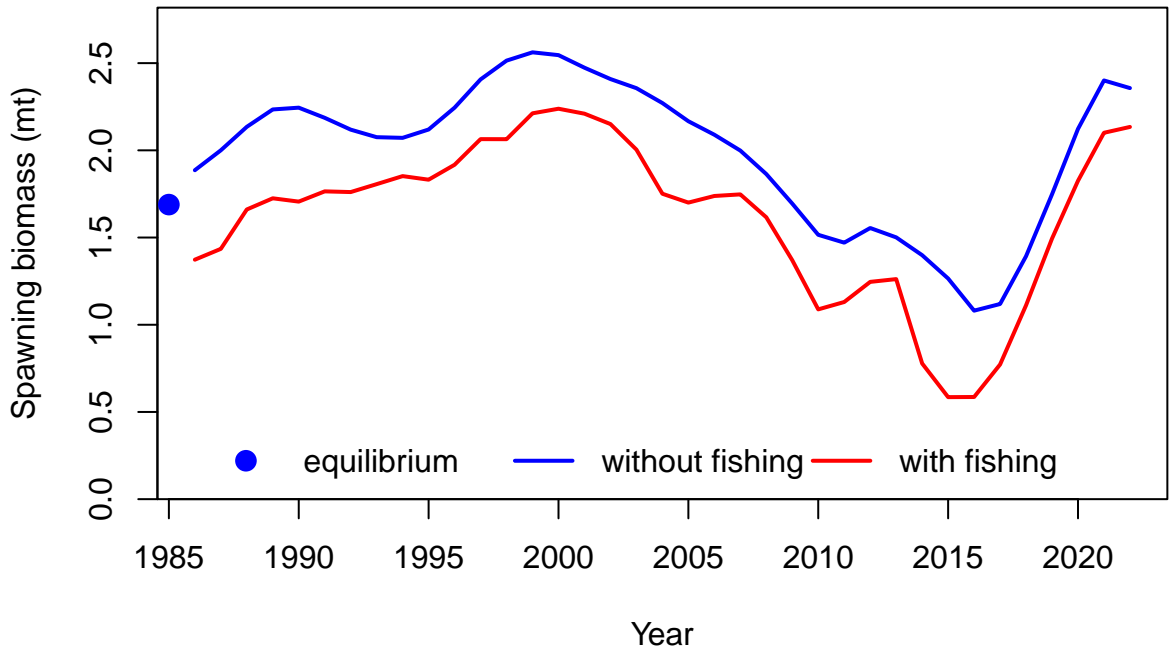
Age-0 recruits (1,000s)



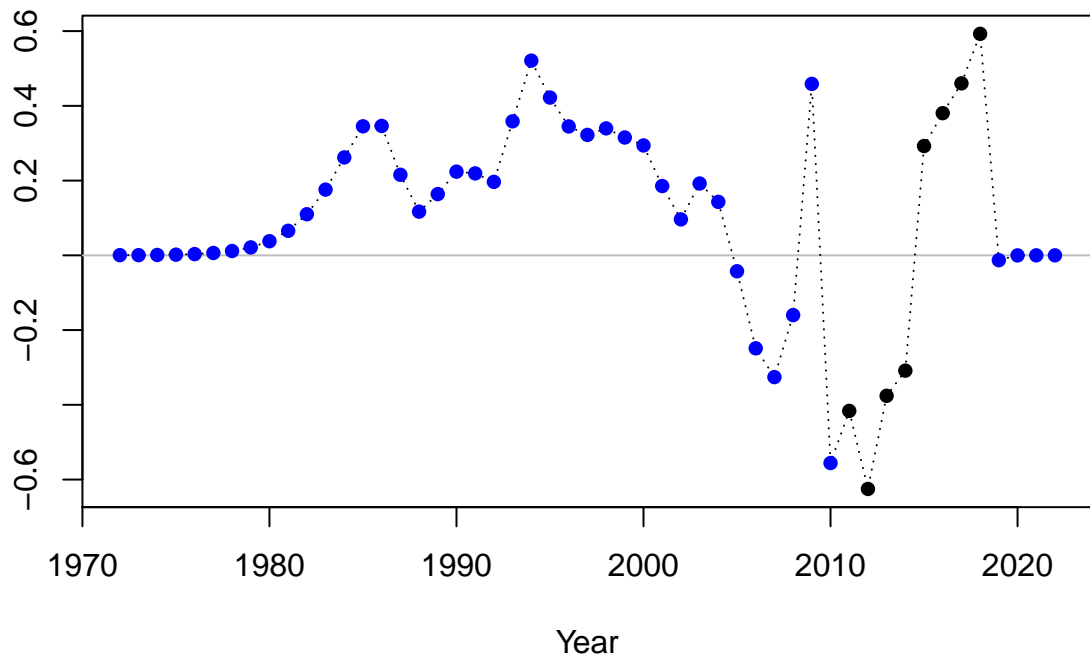


Summary Fishing Mortality

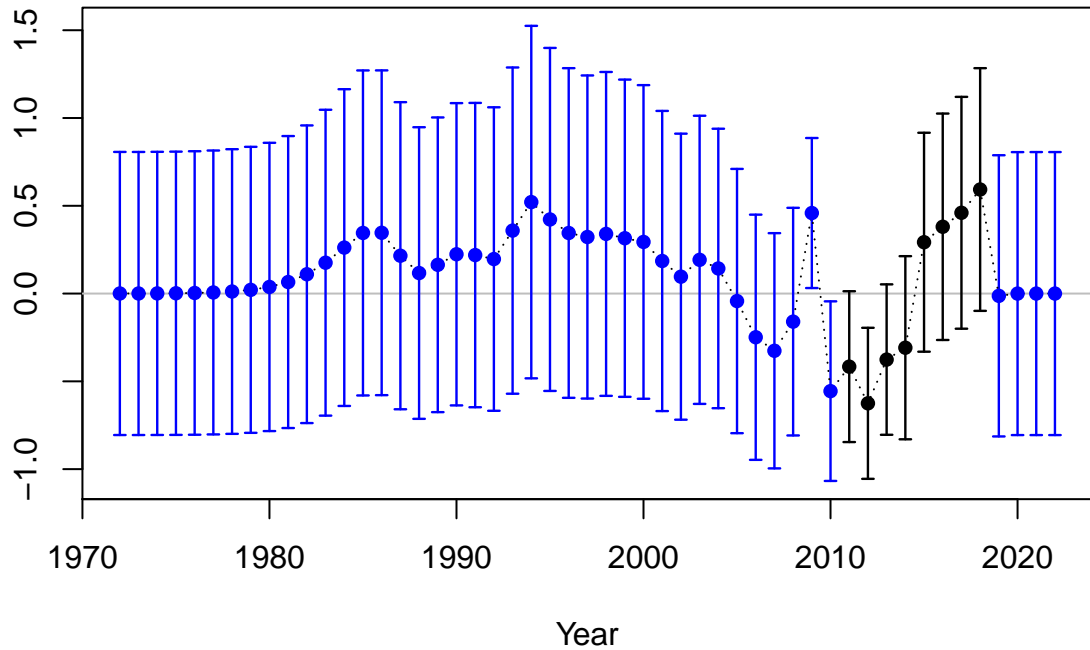




Log recruitment deviation

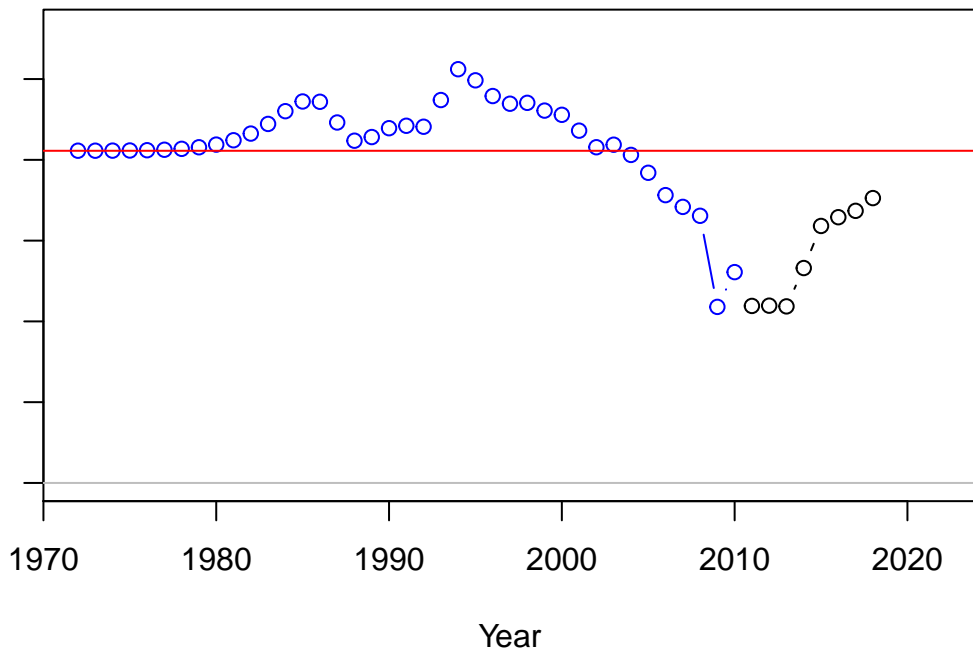


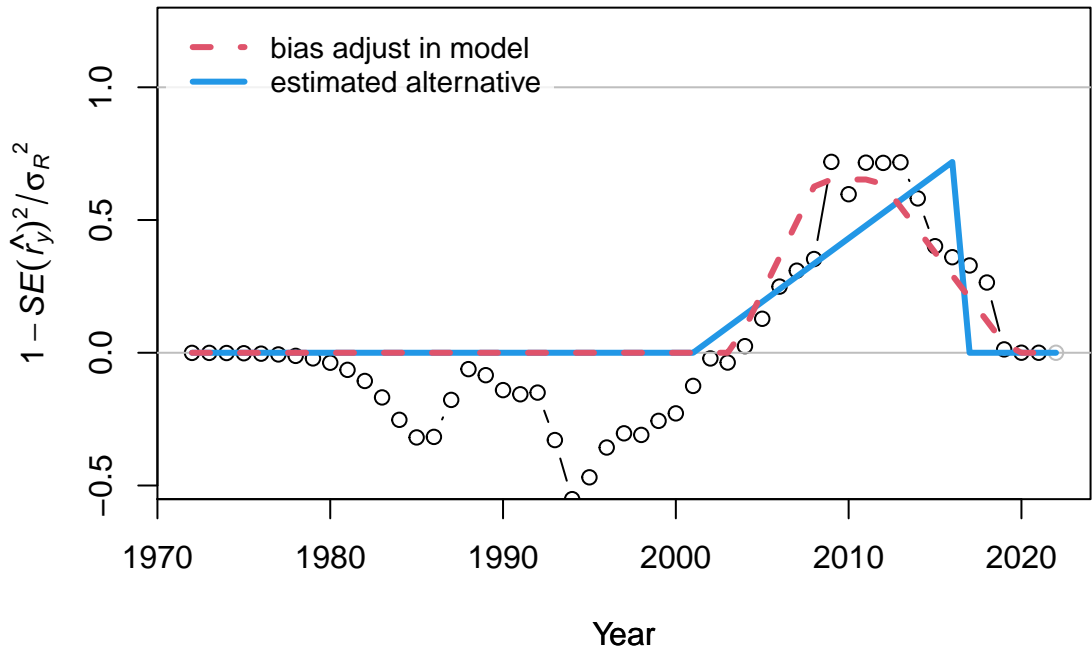
Log recruitment deviation

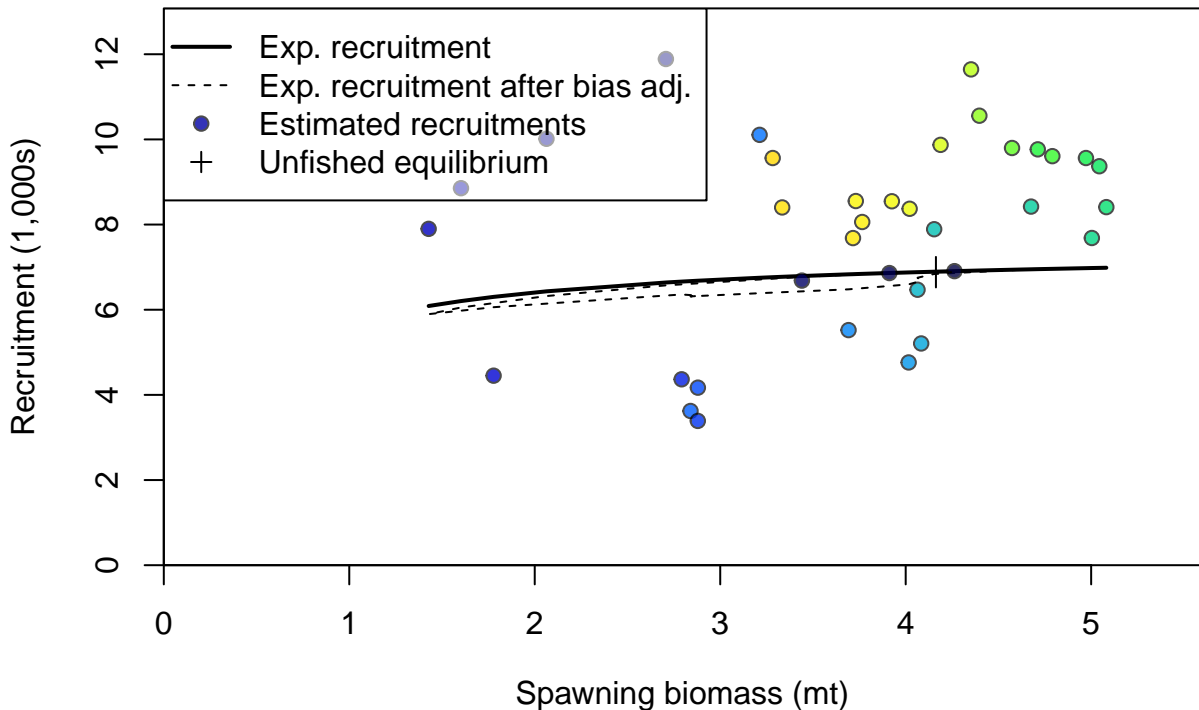


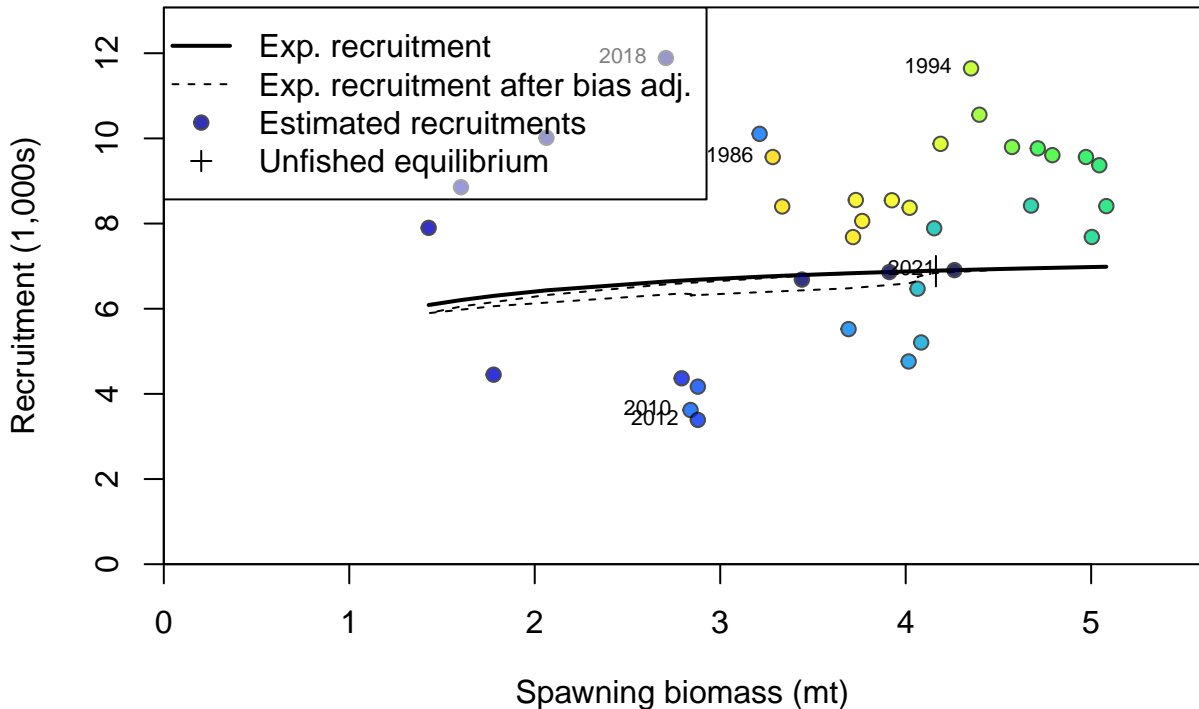
## Recruitment deviation variance

Asymptotic standard error estimate

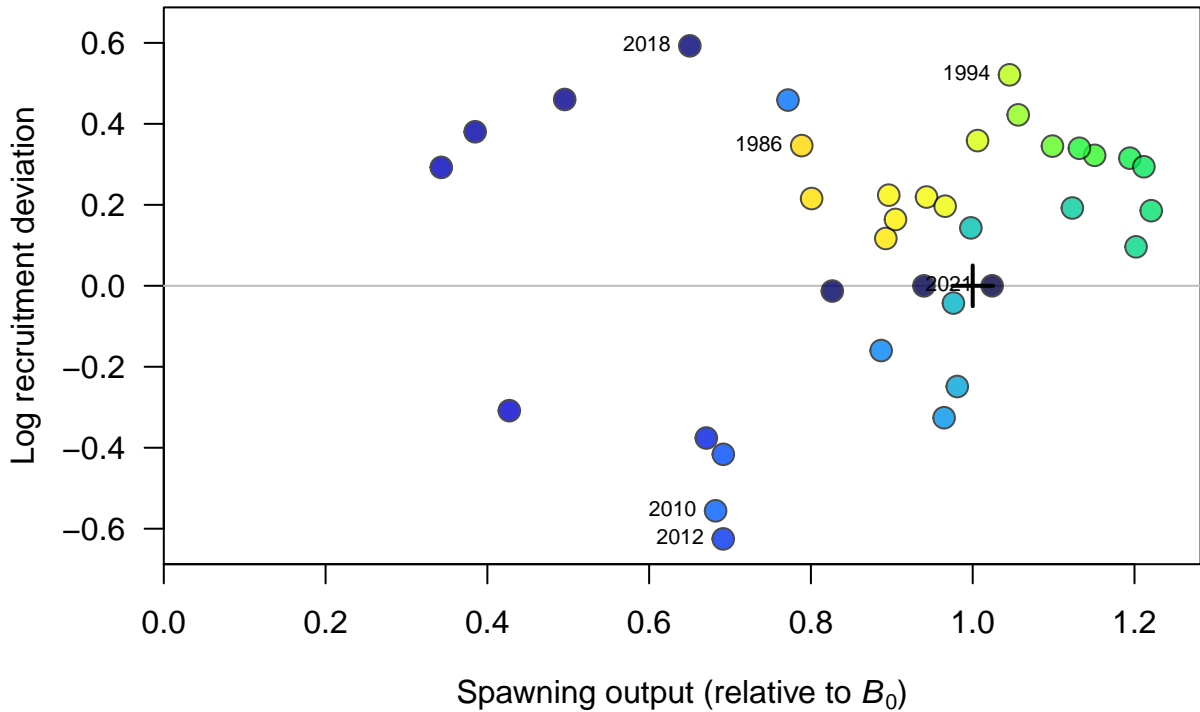


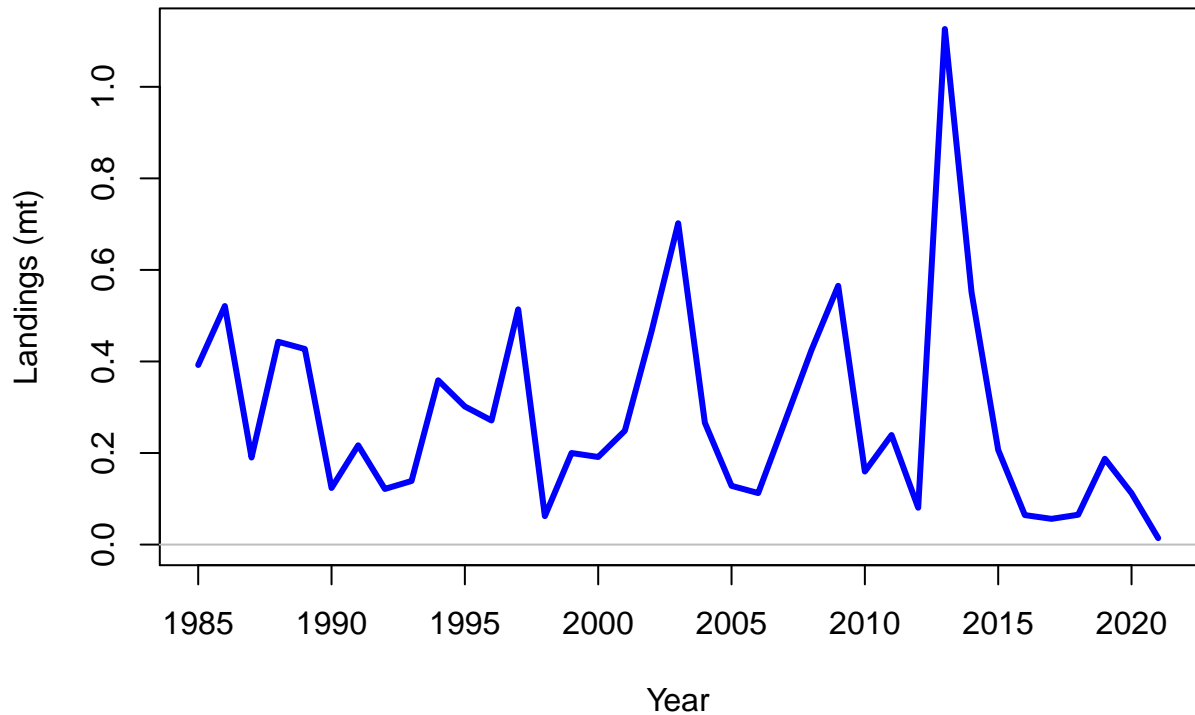


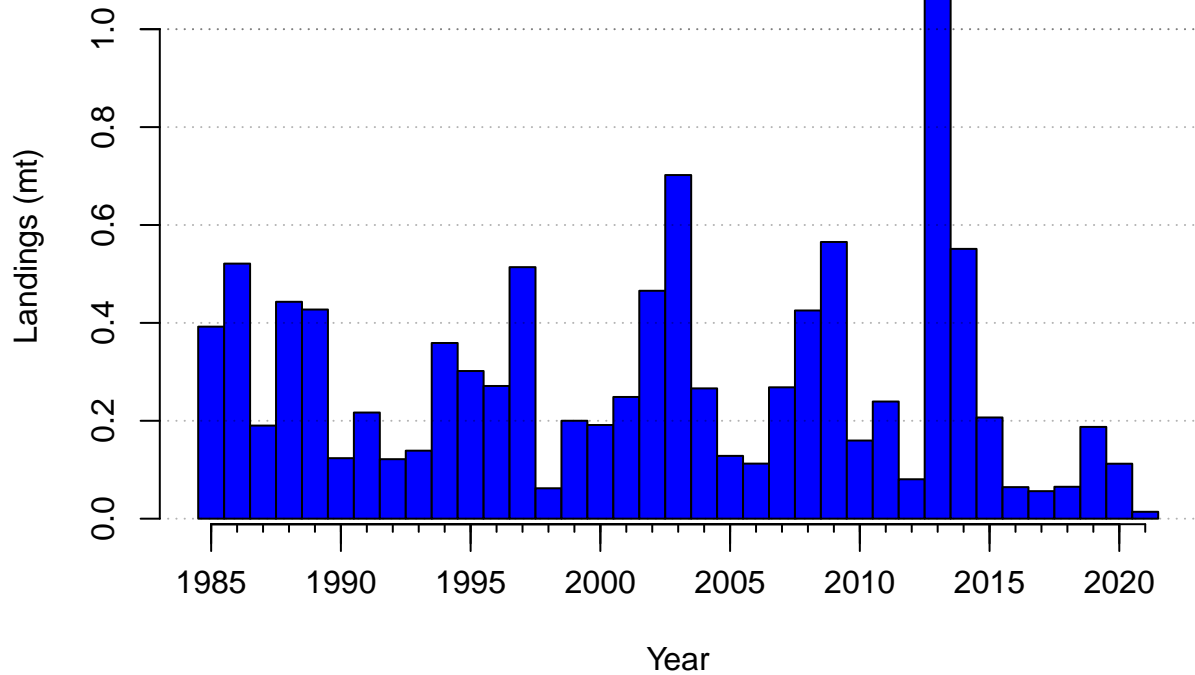


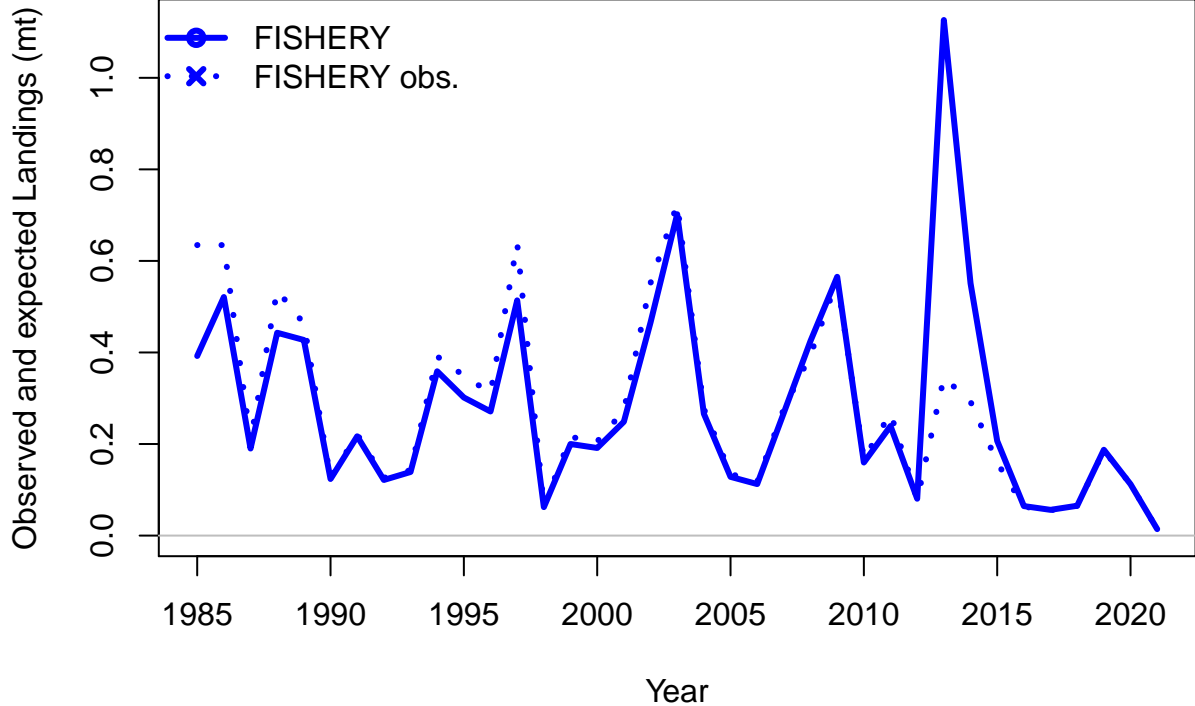


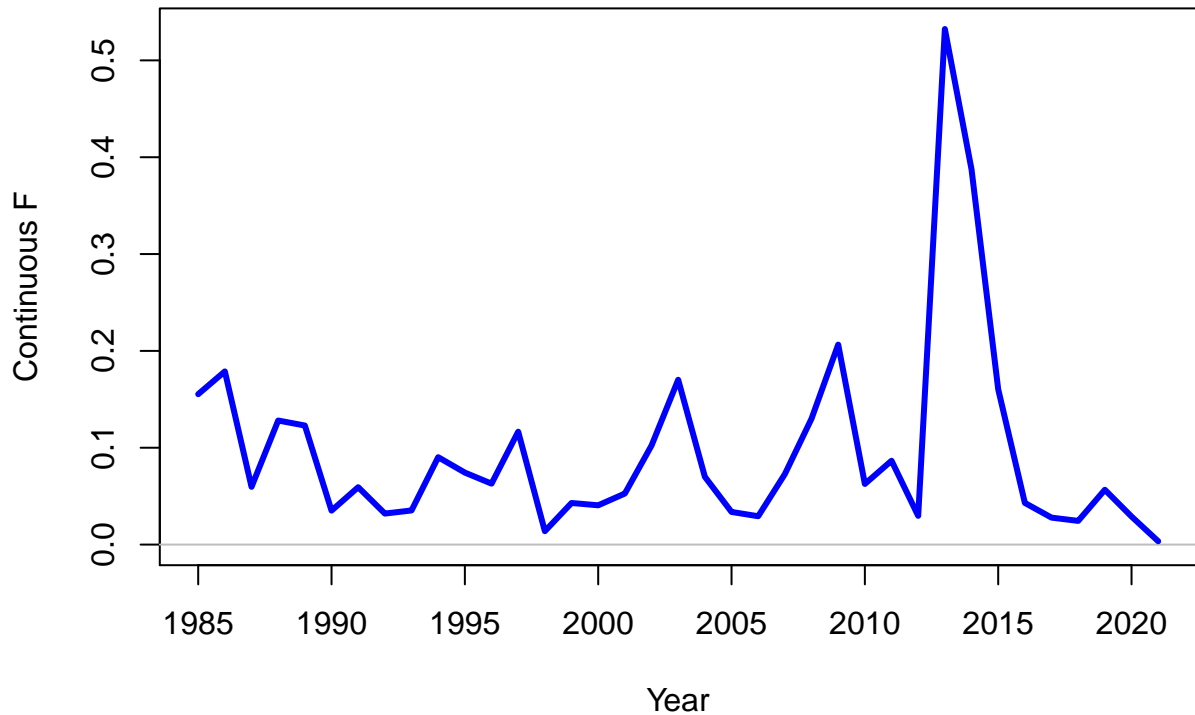




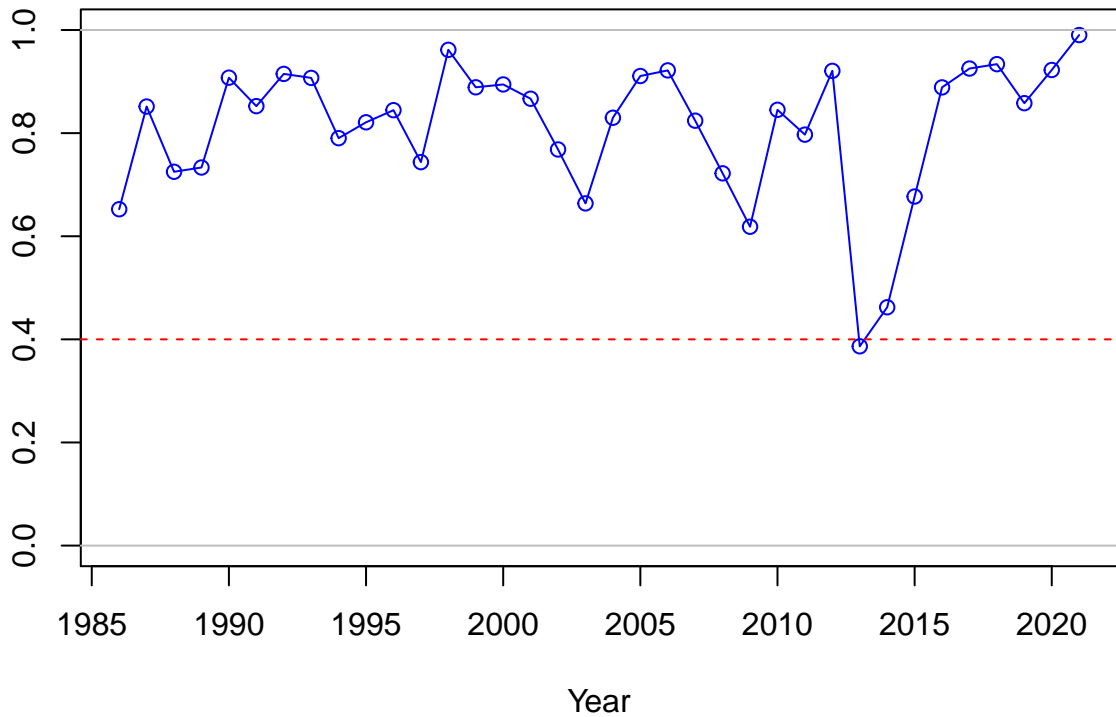




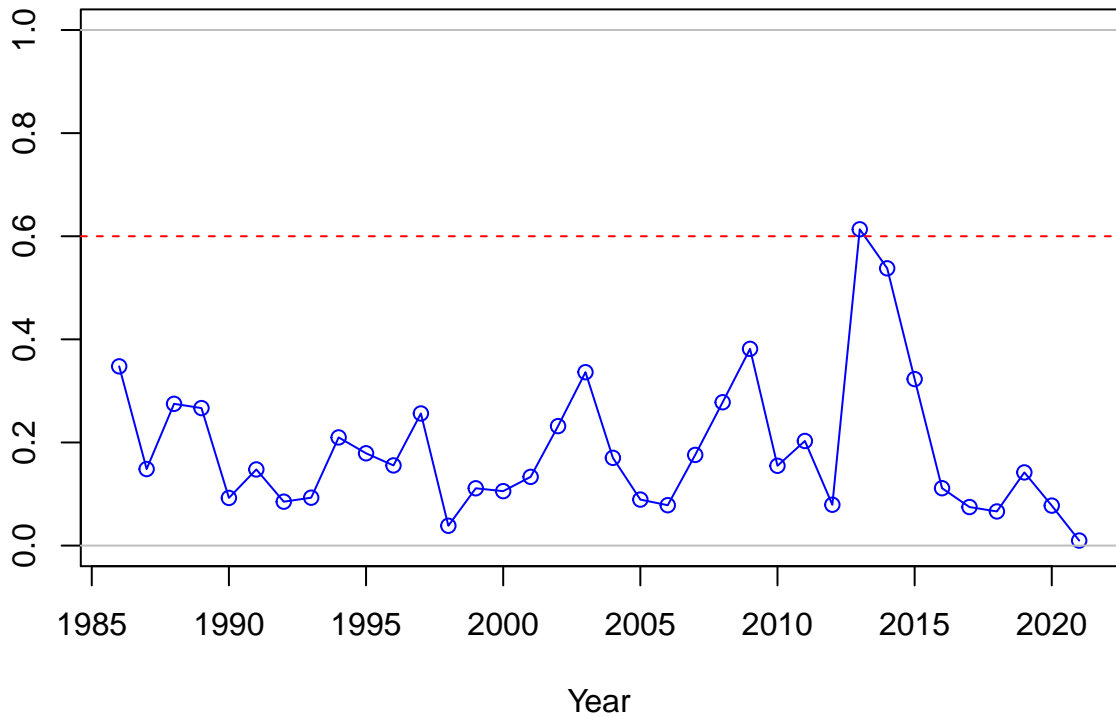




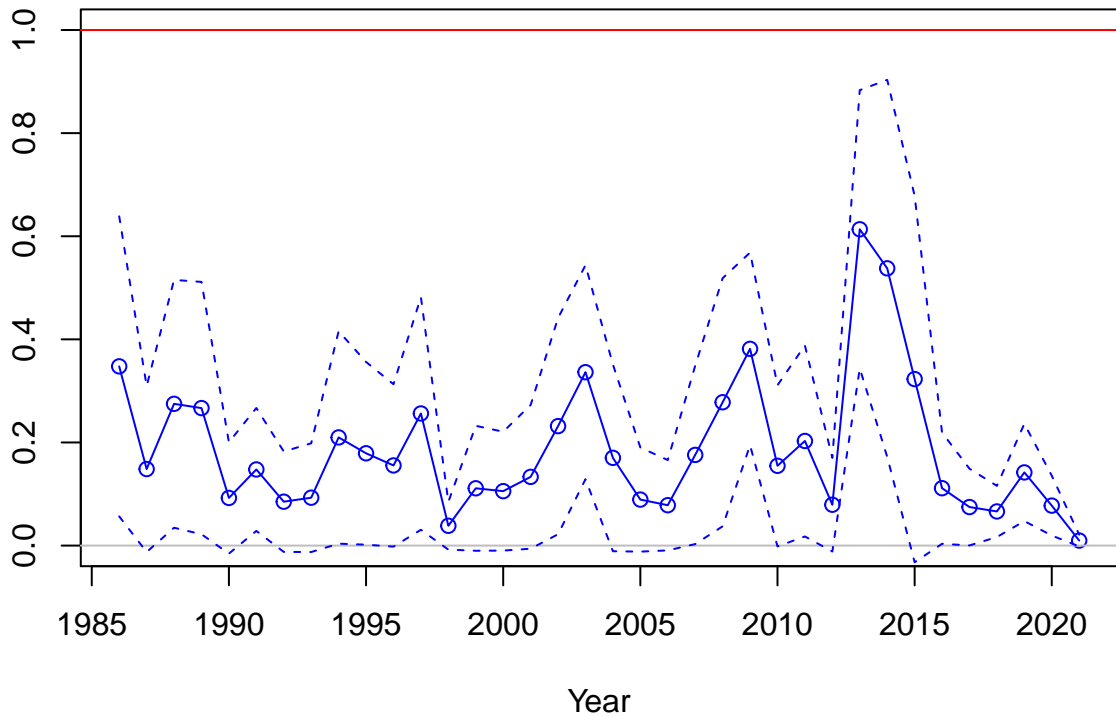
SPR



1-SPR

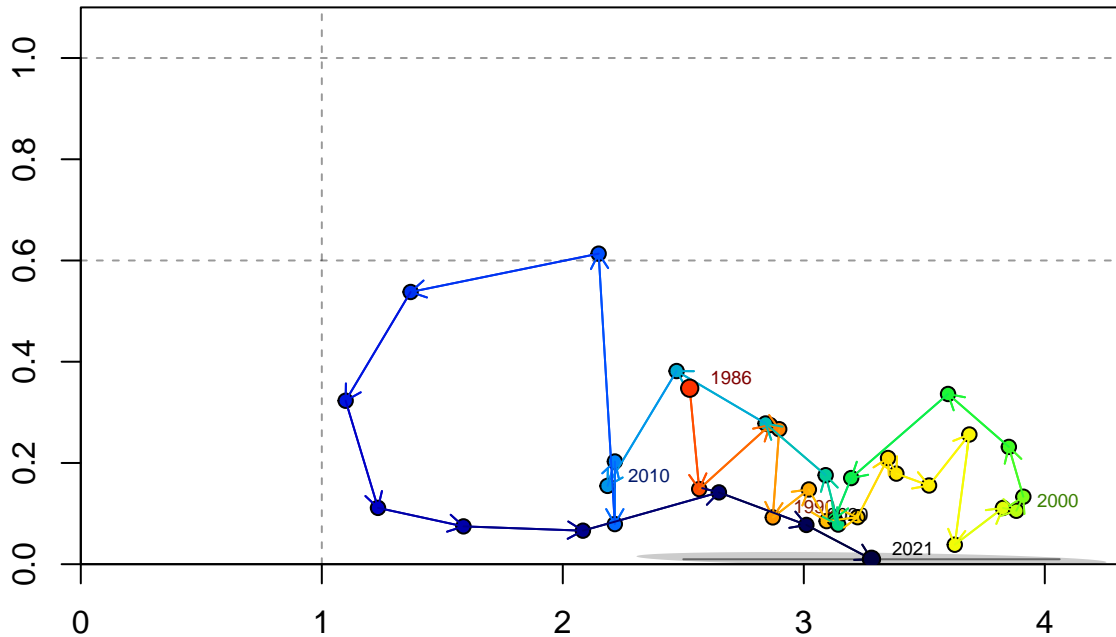


Fishing intensity: 1-SPR



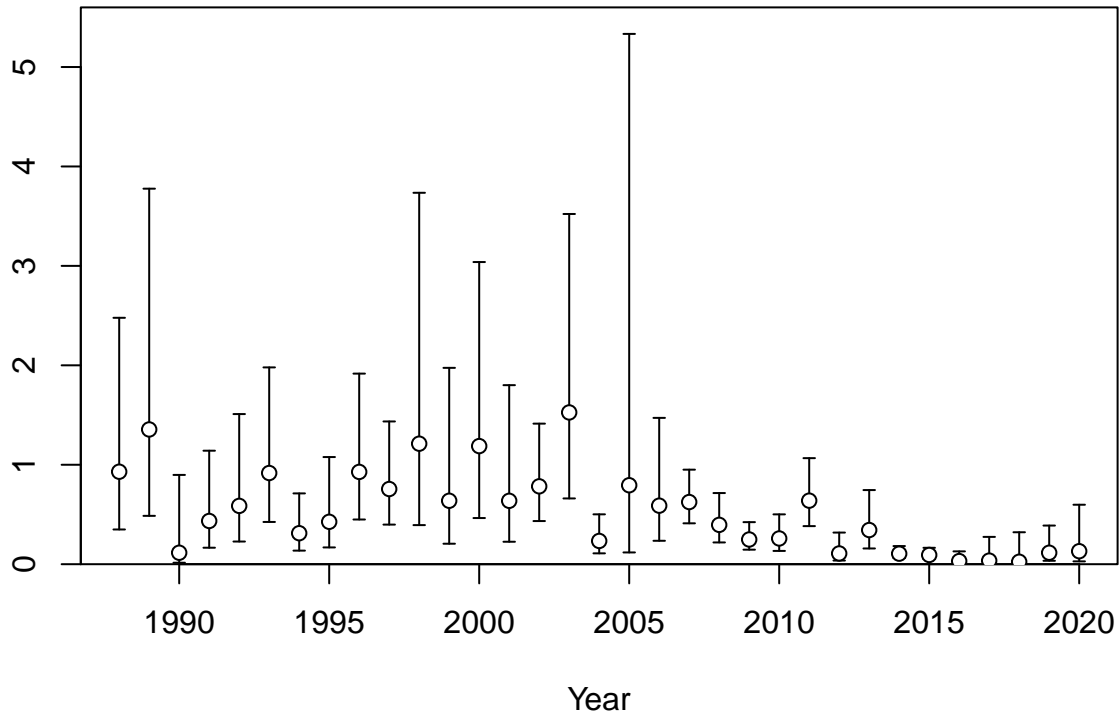


Fishing intensity: 1-SPR

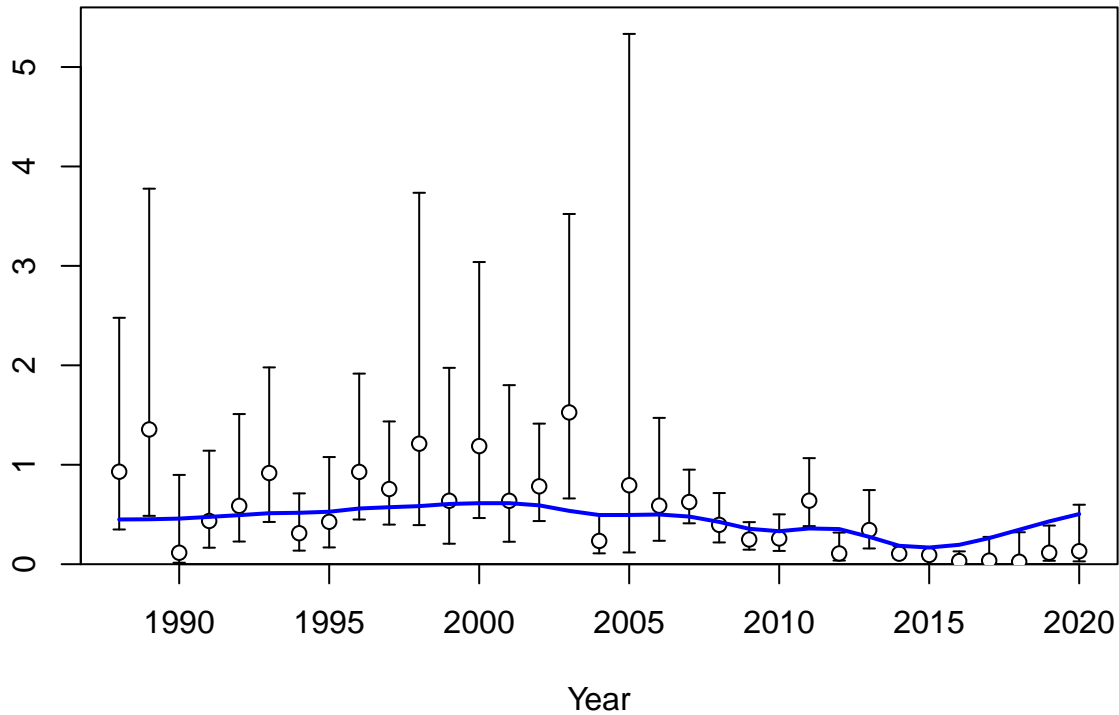


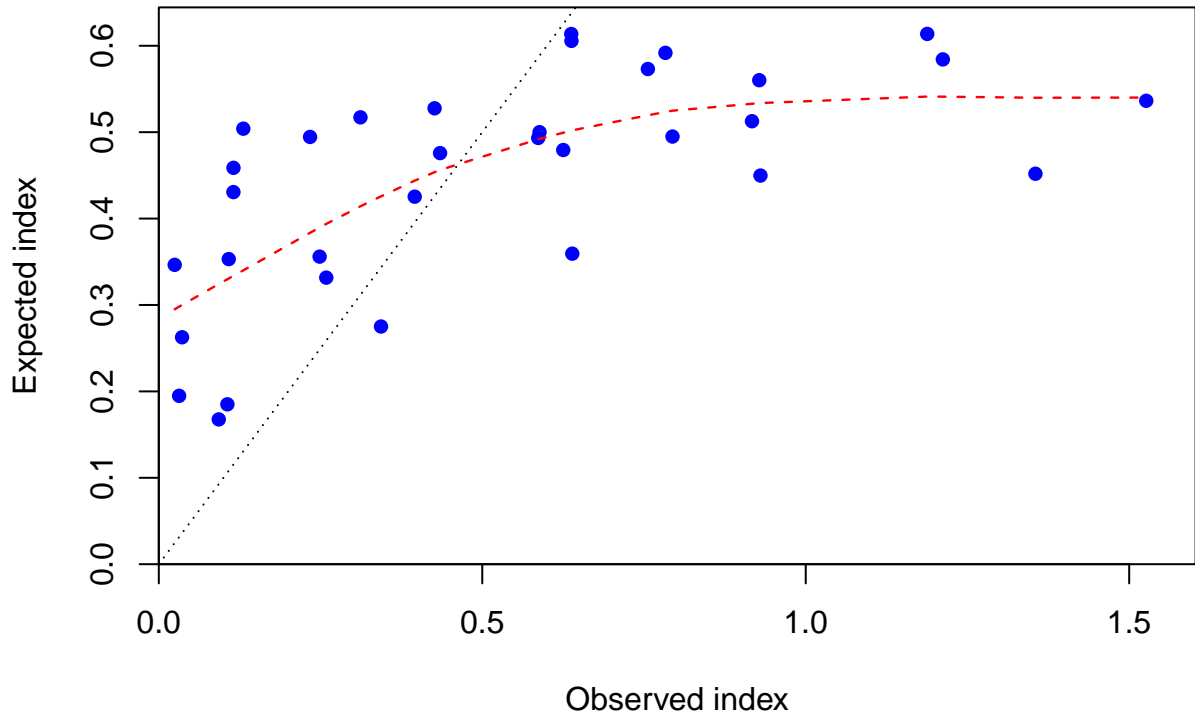
Relative spawning output: B/B\_MSY

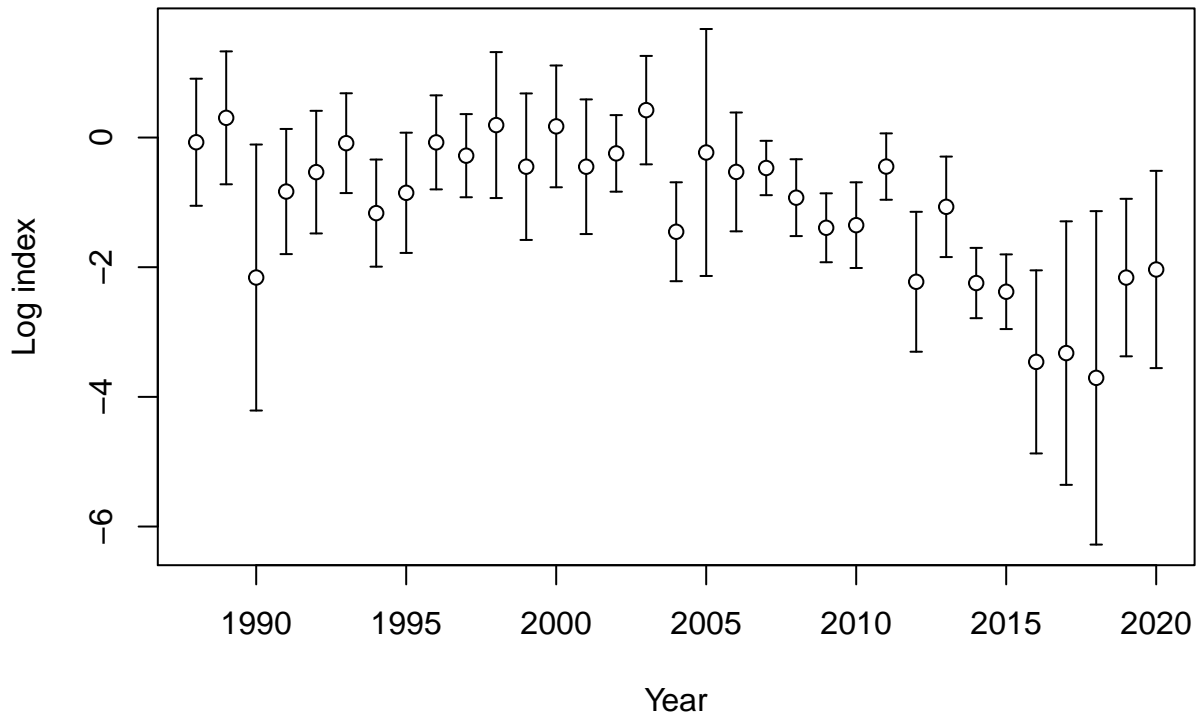
Index

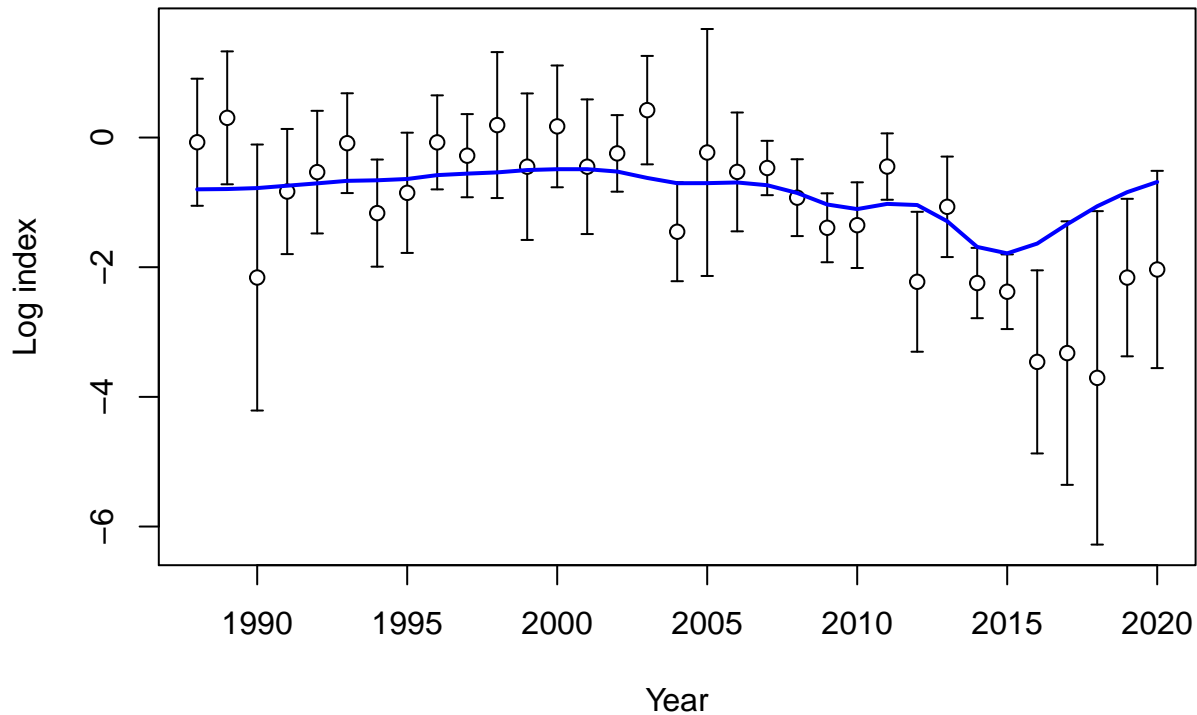


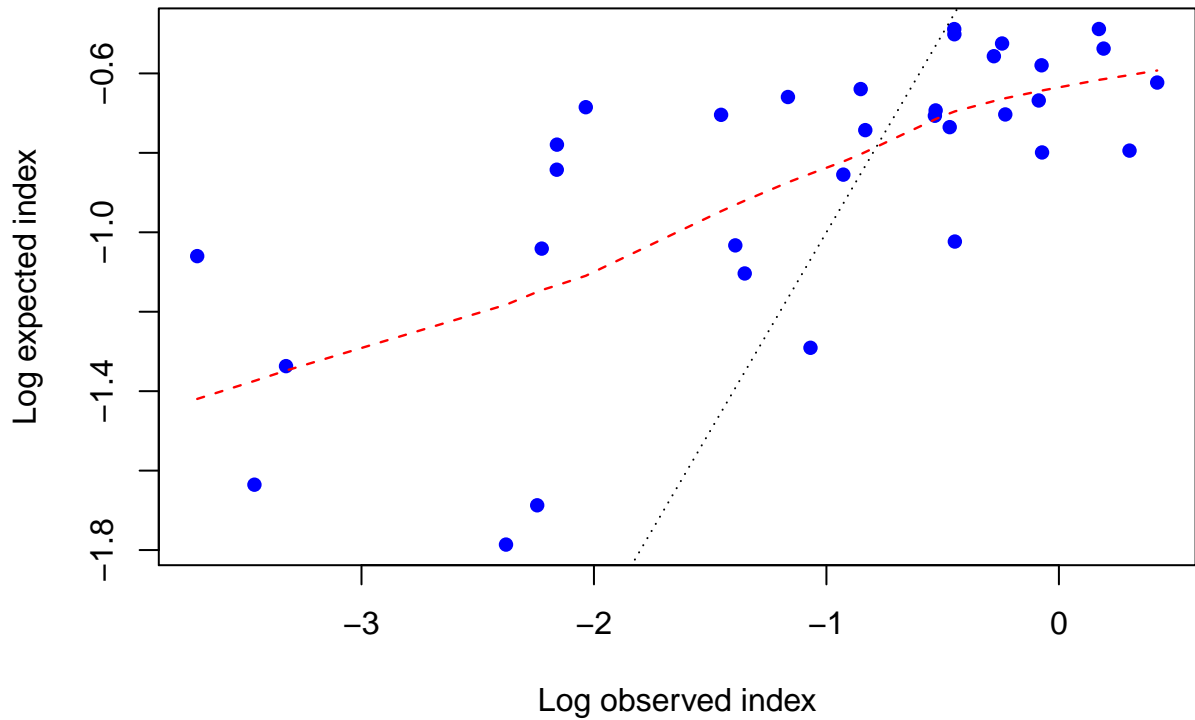
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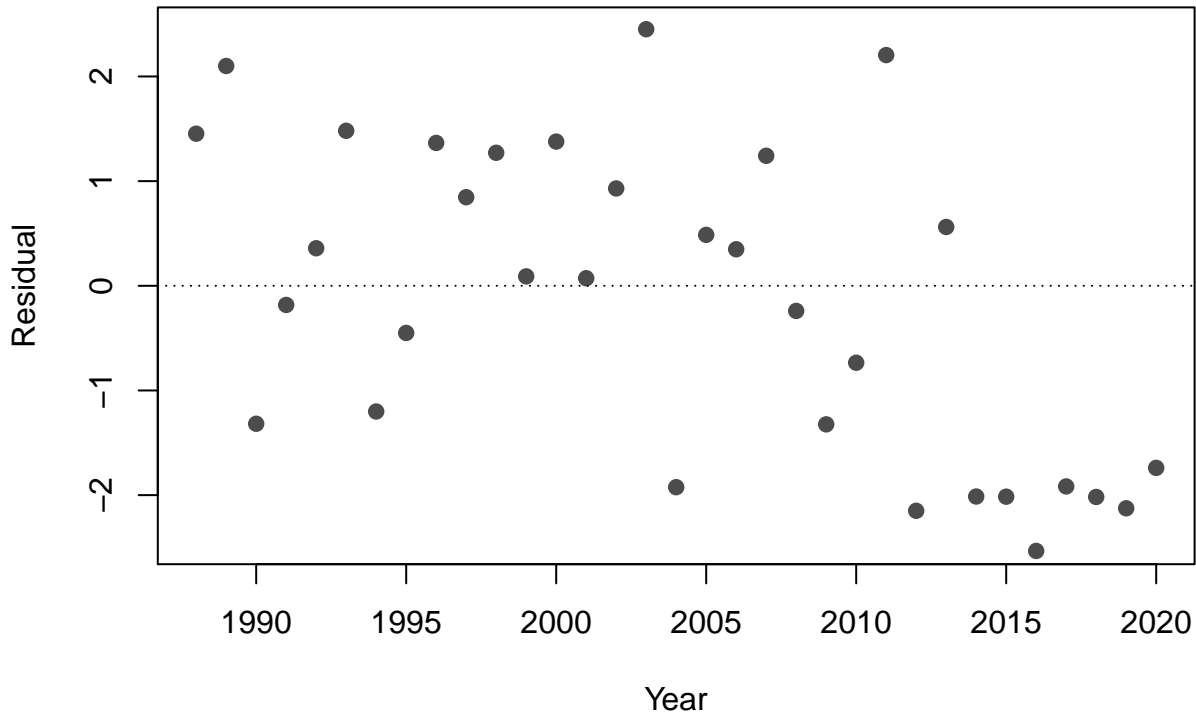




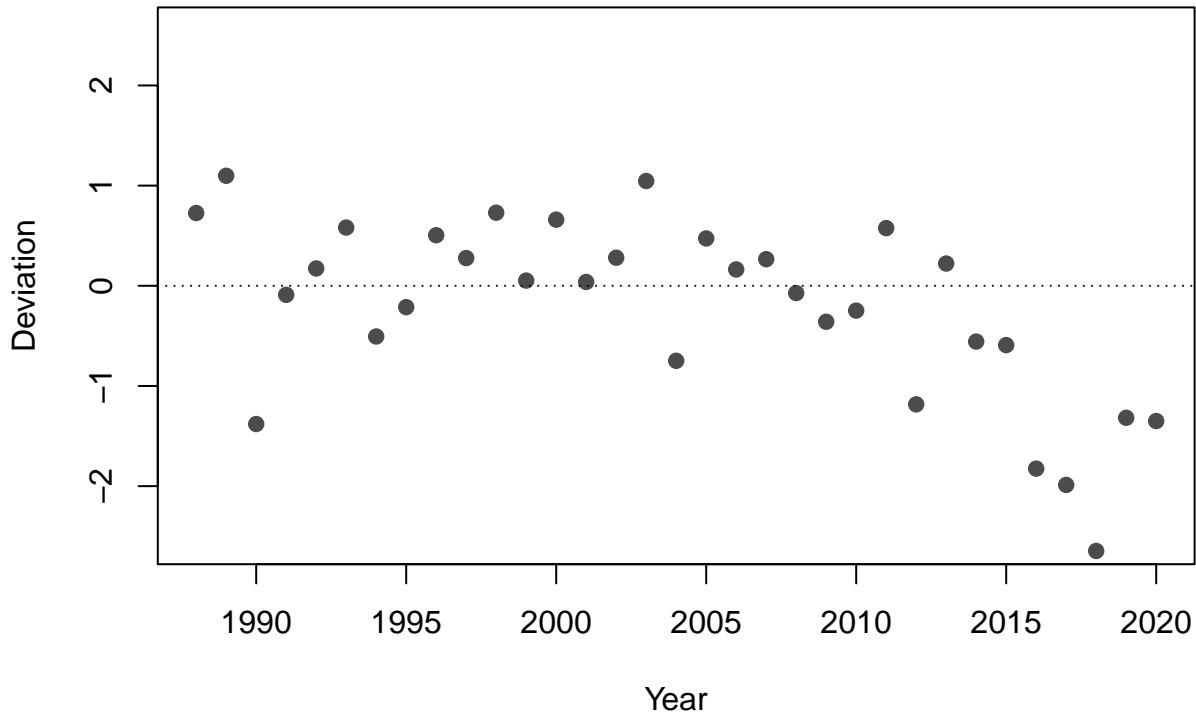


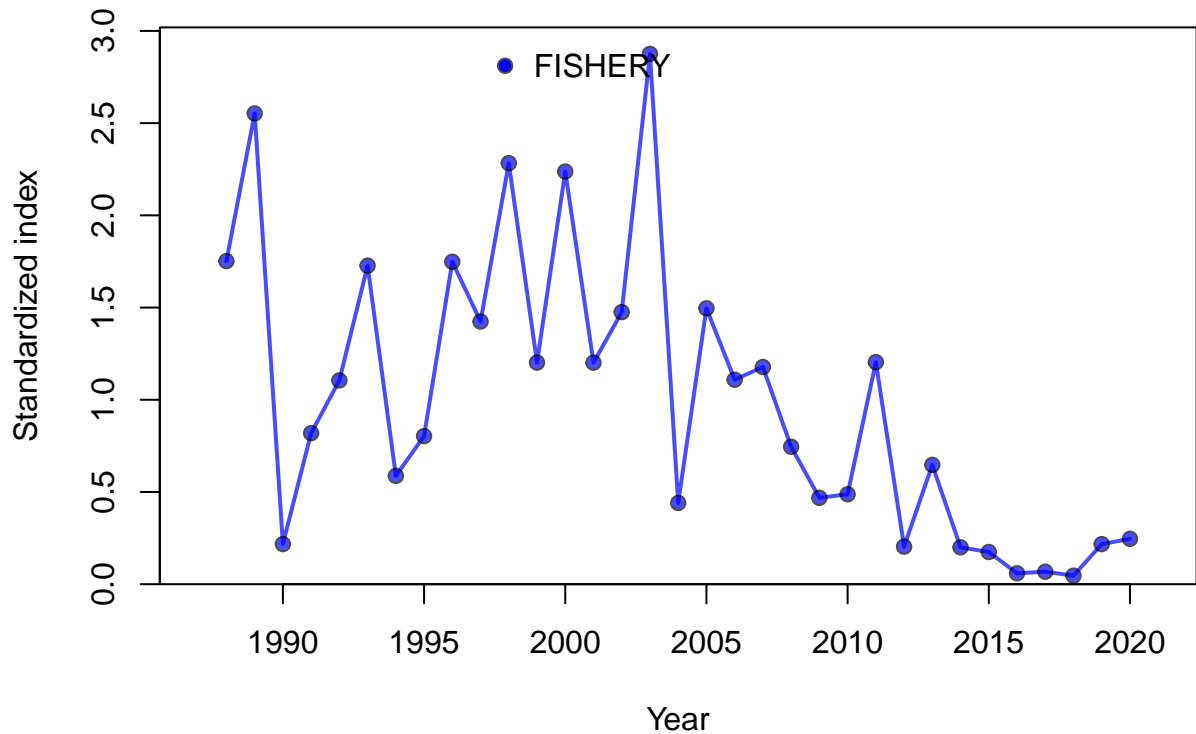


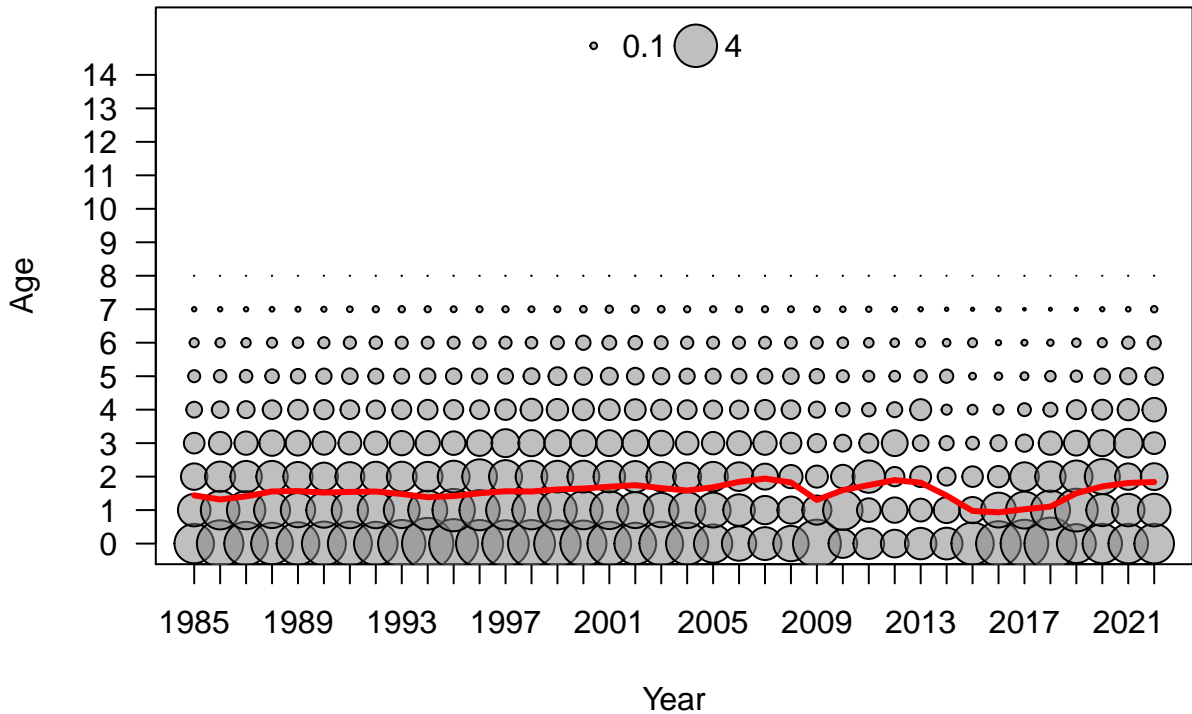




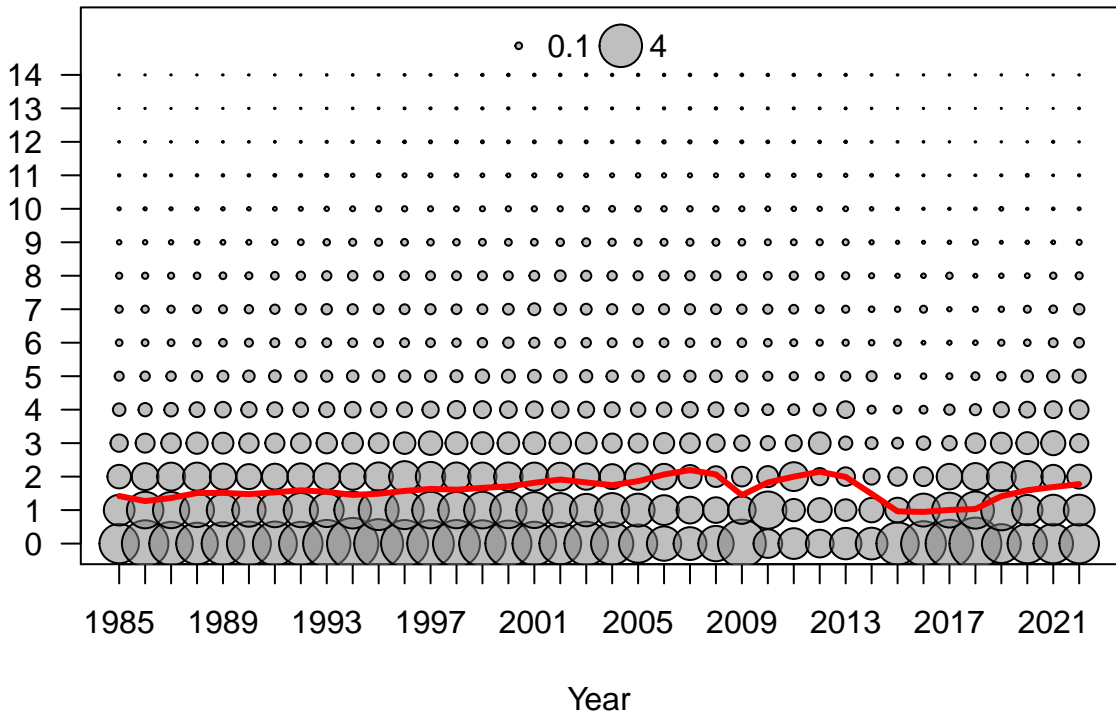


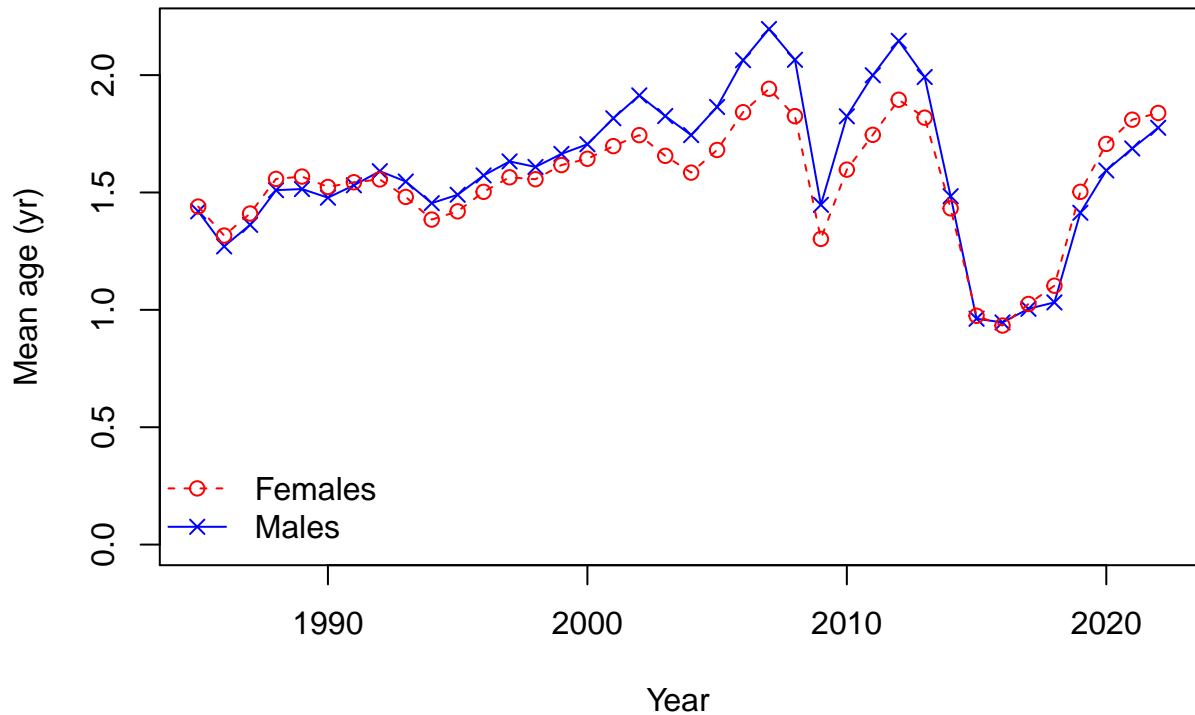


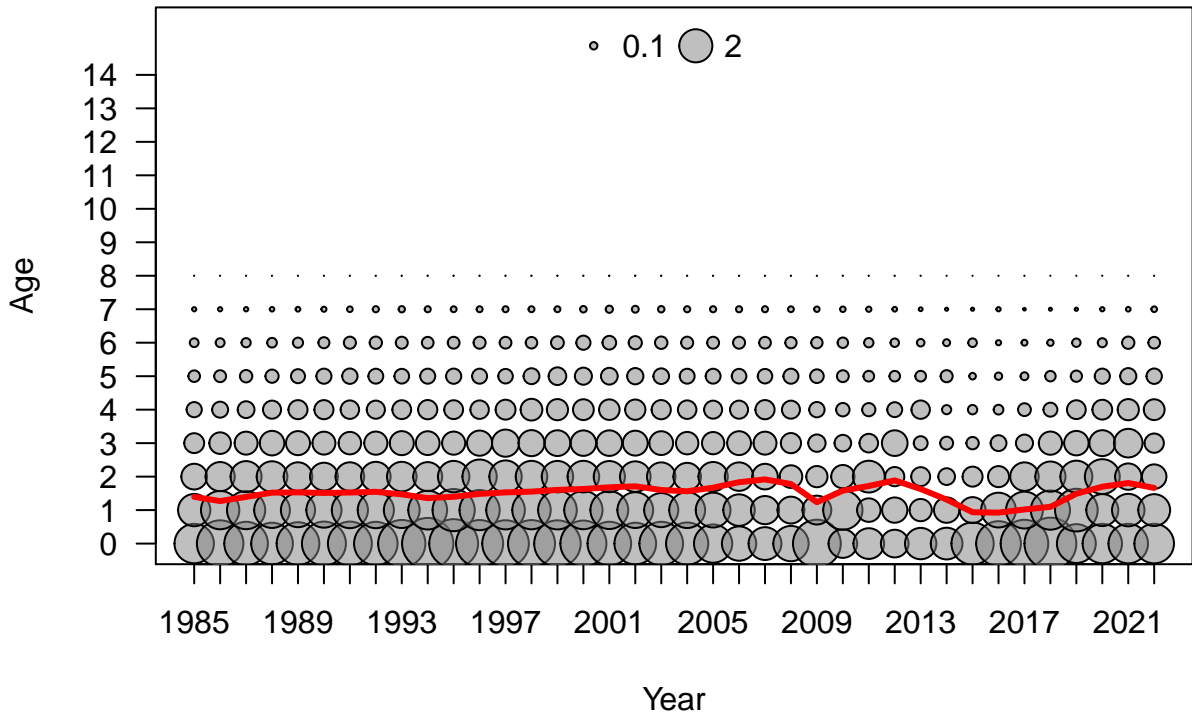


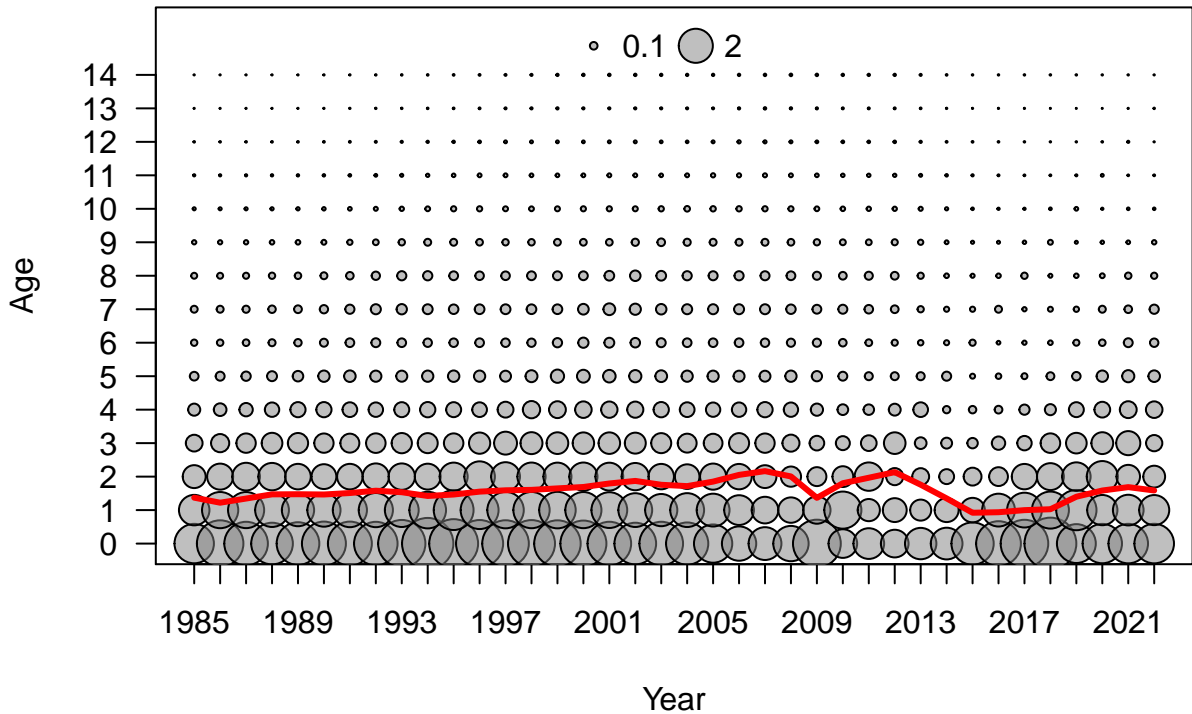


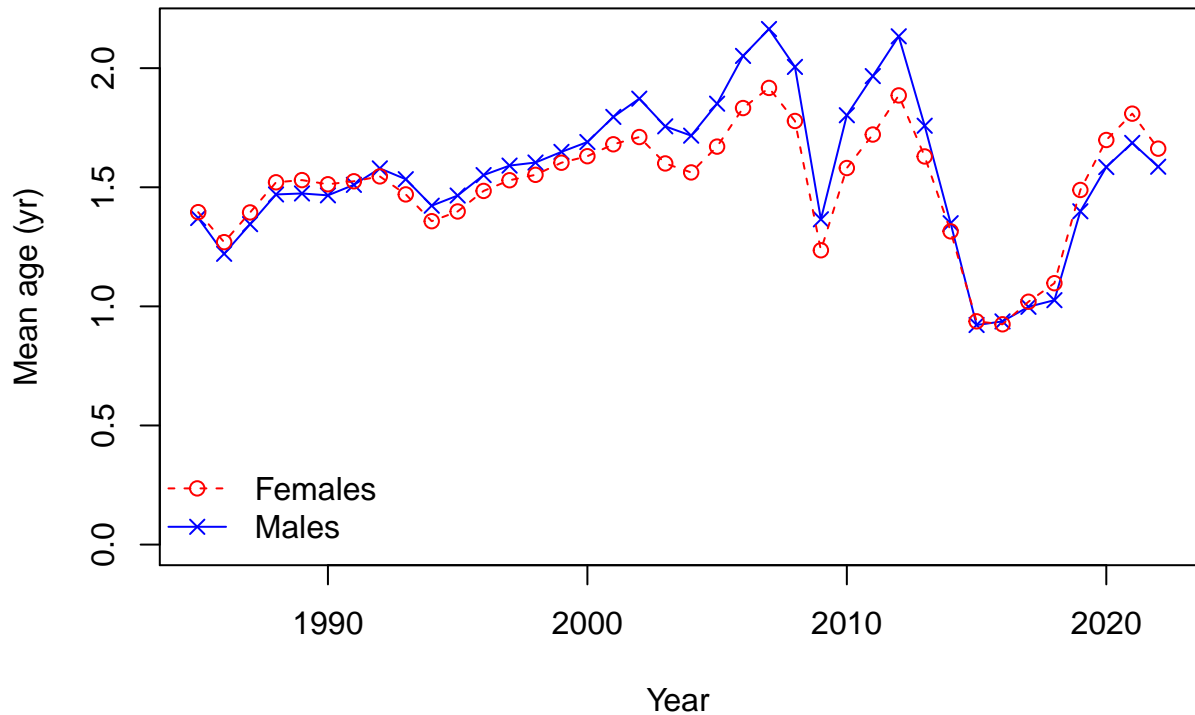
Age



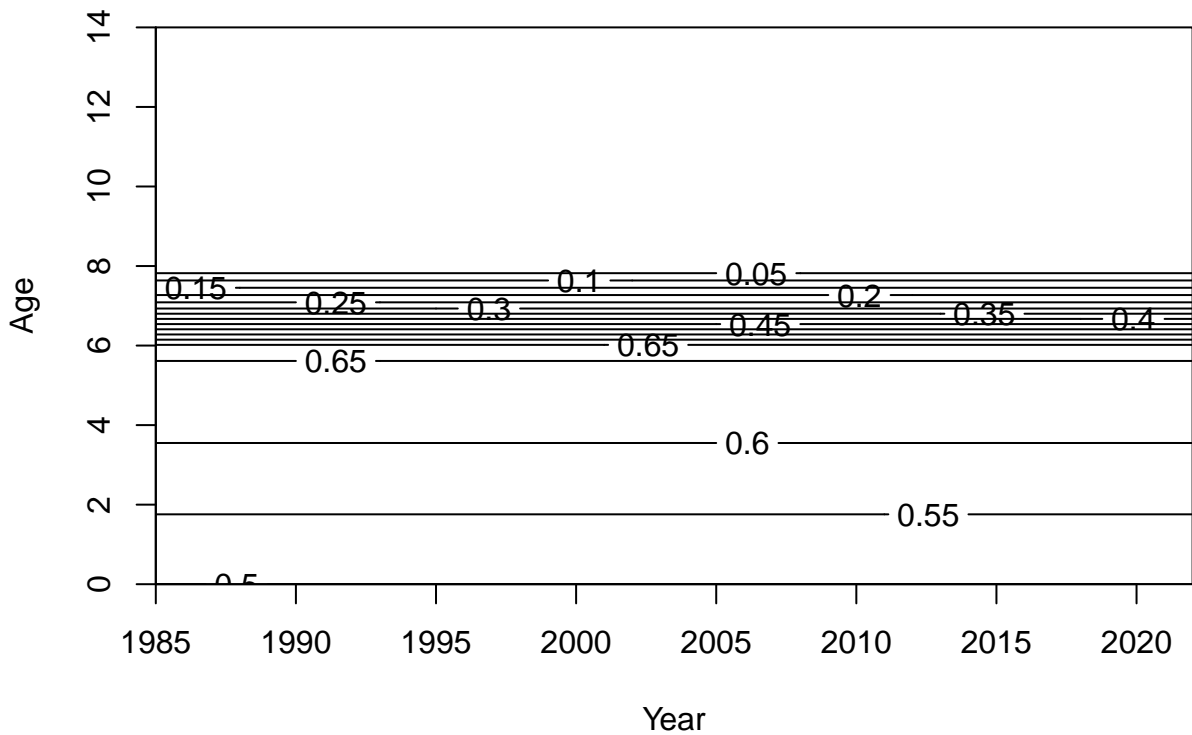


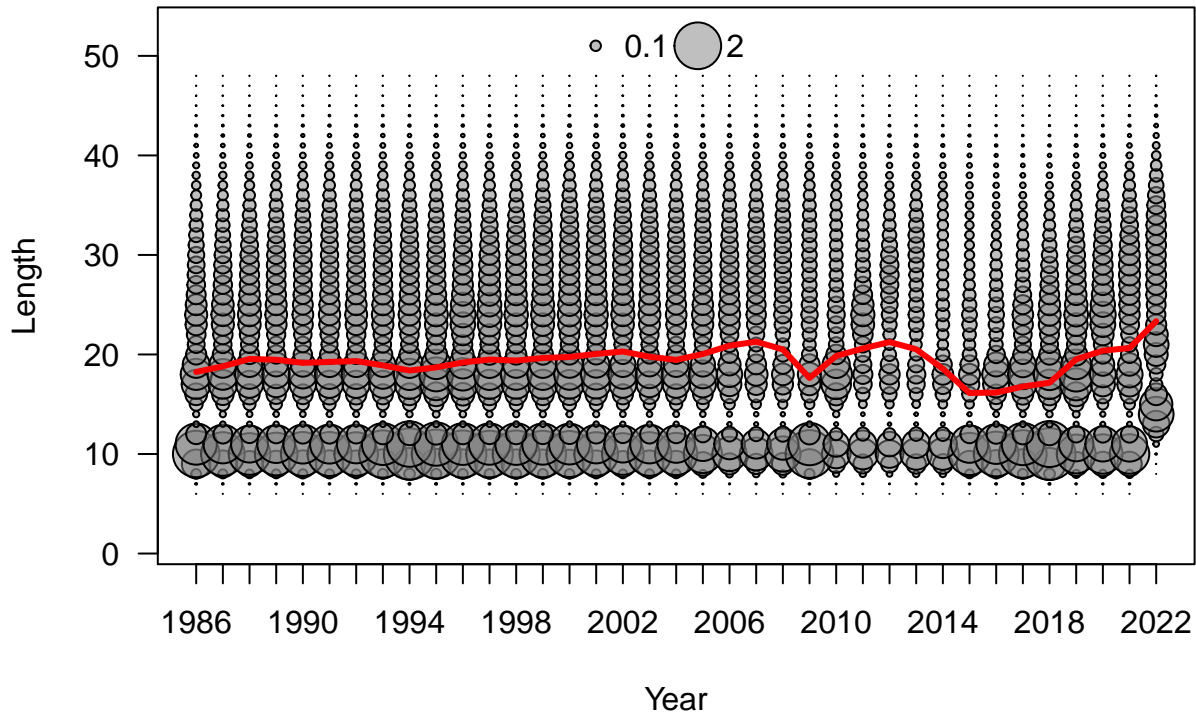


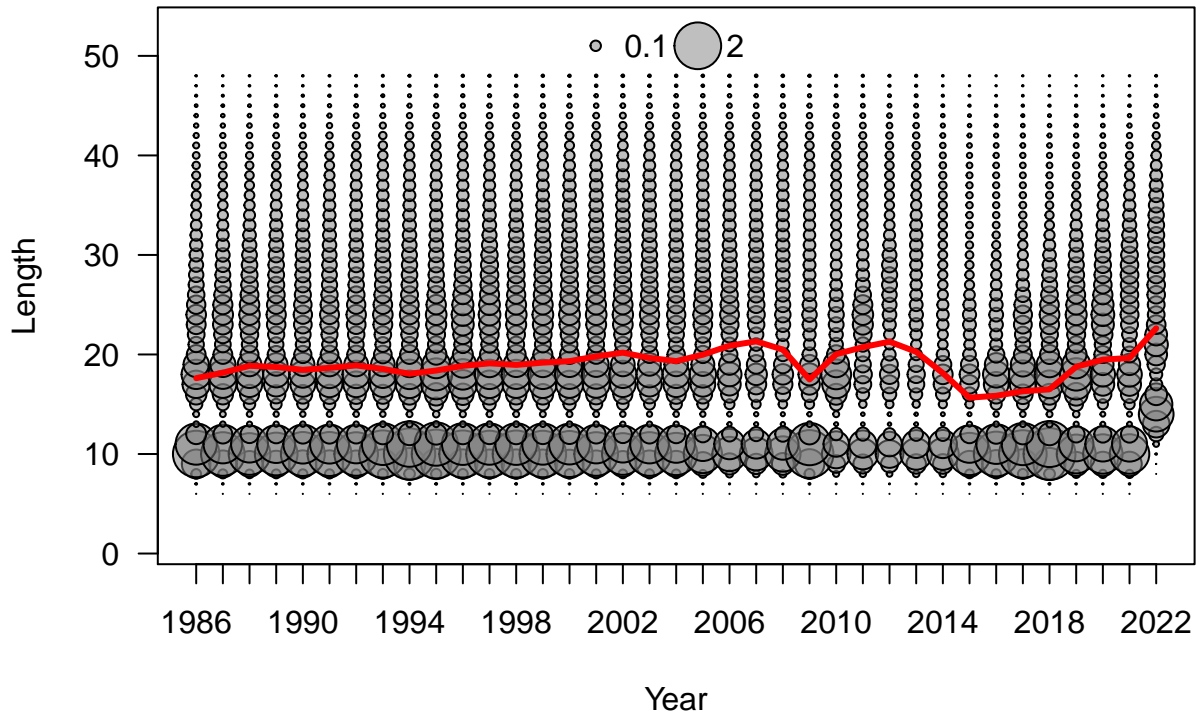


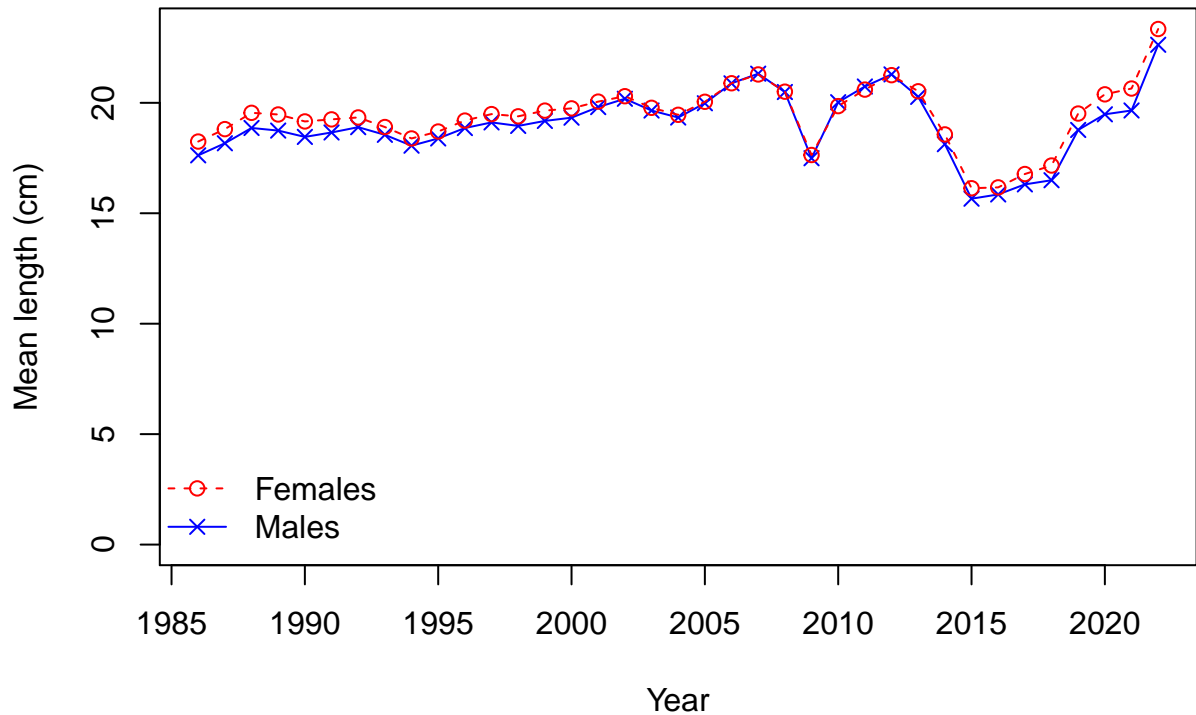


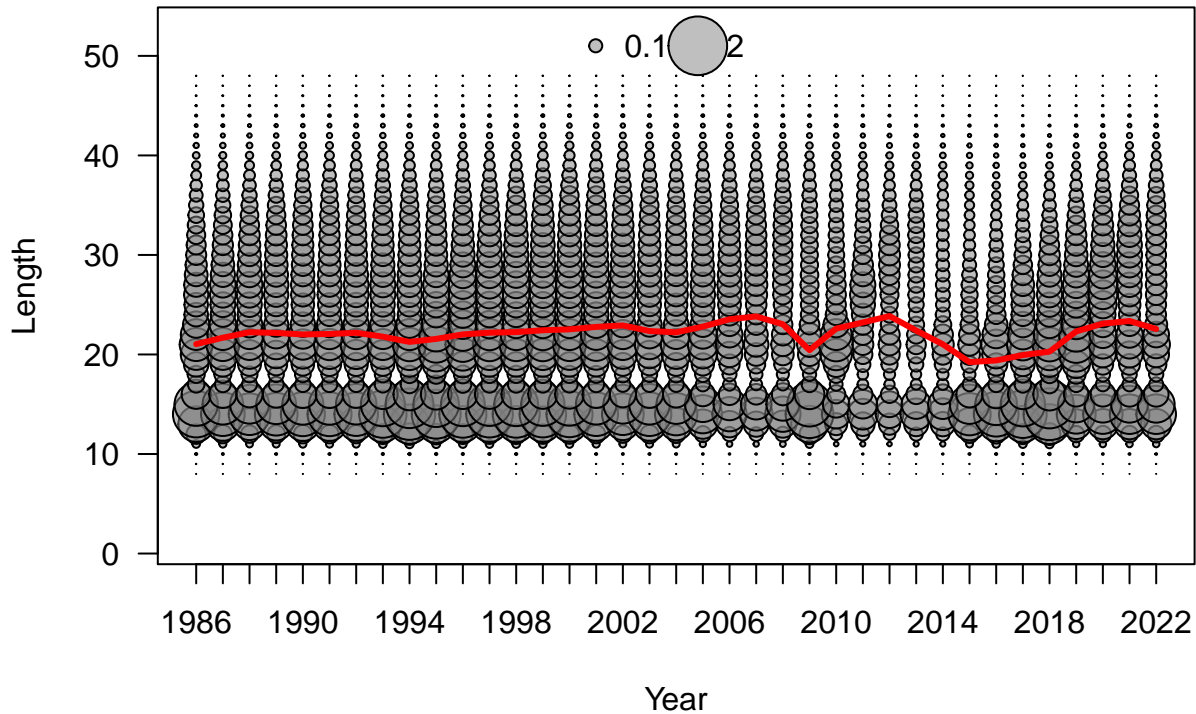


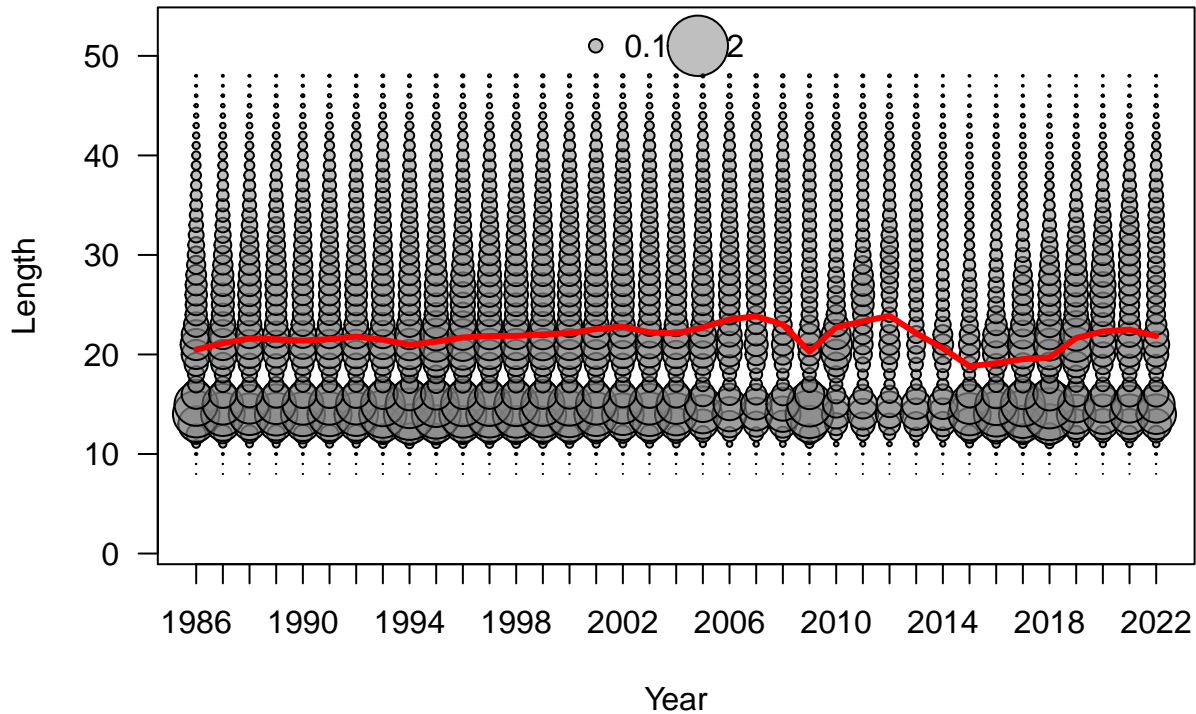




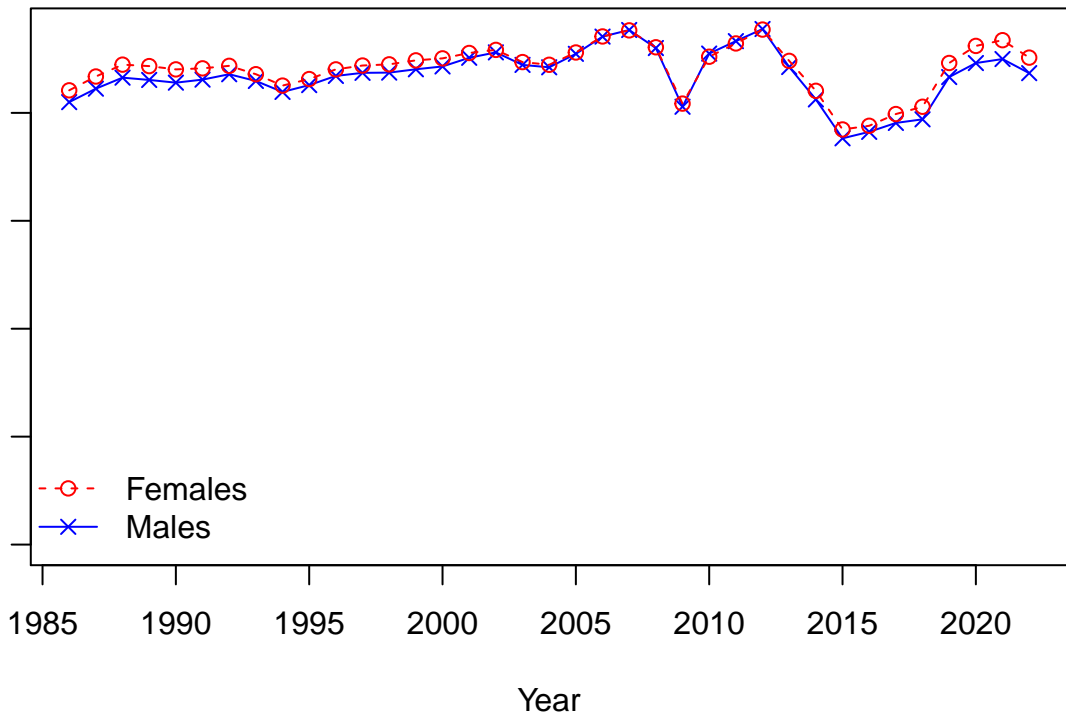




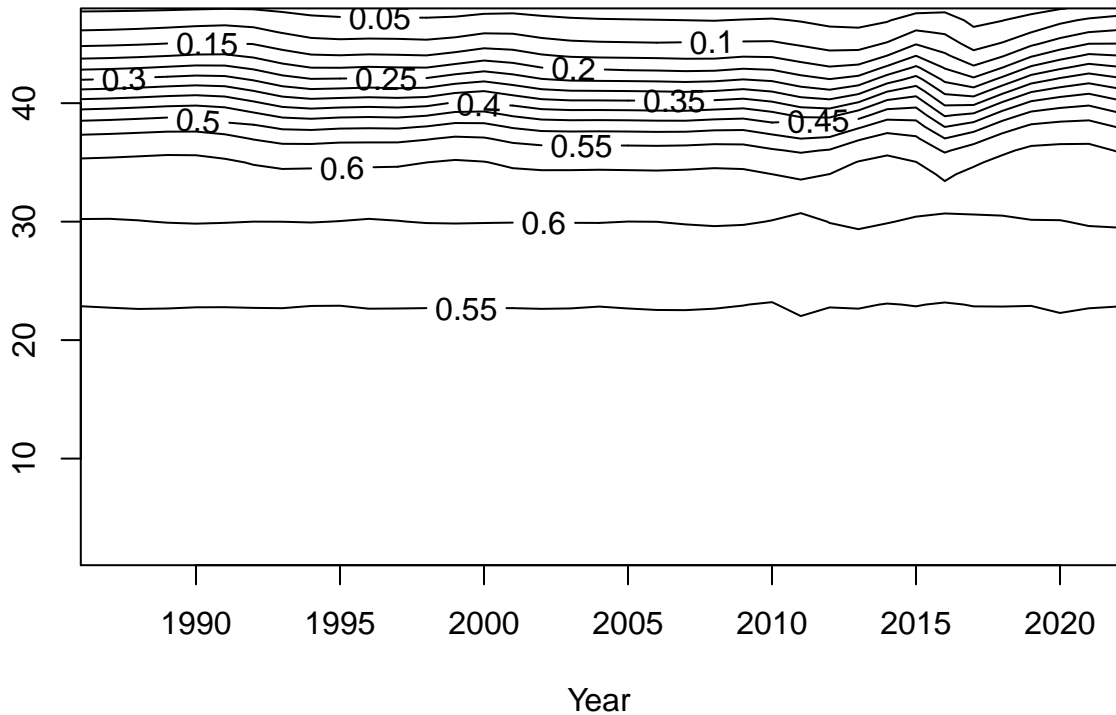




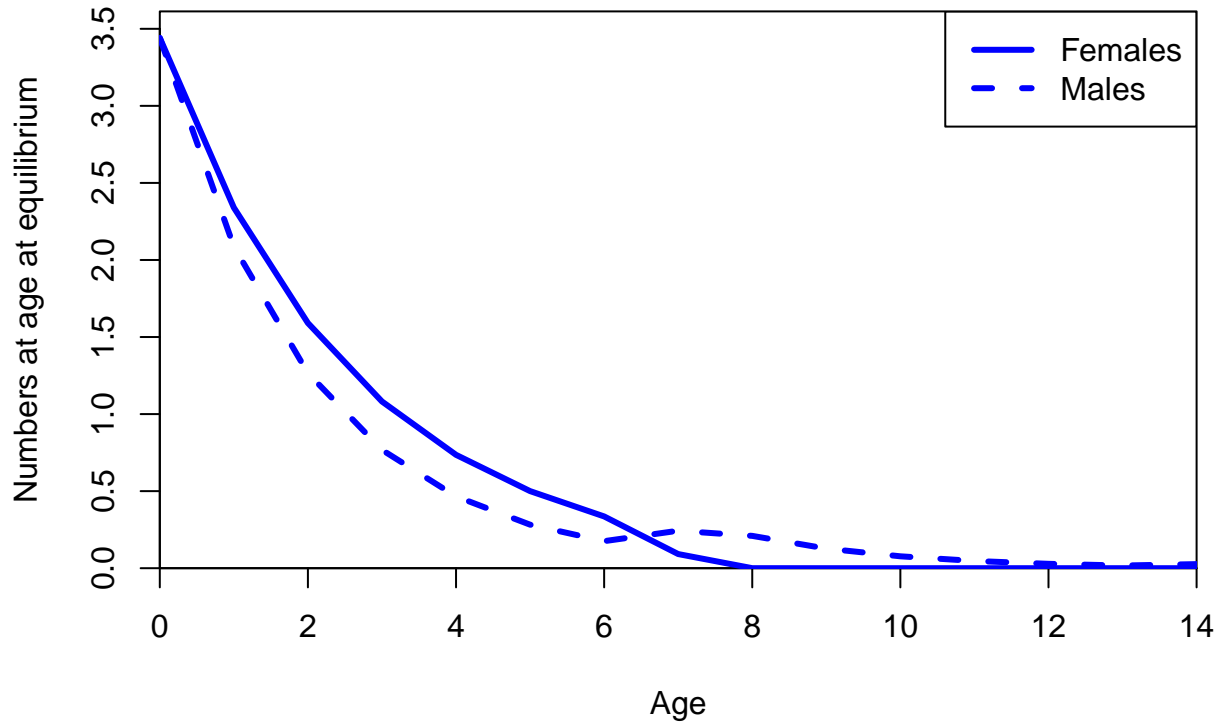
Mean length (cm)

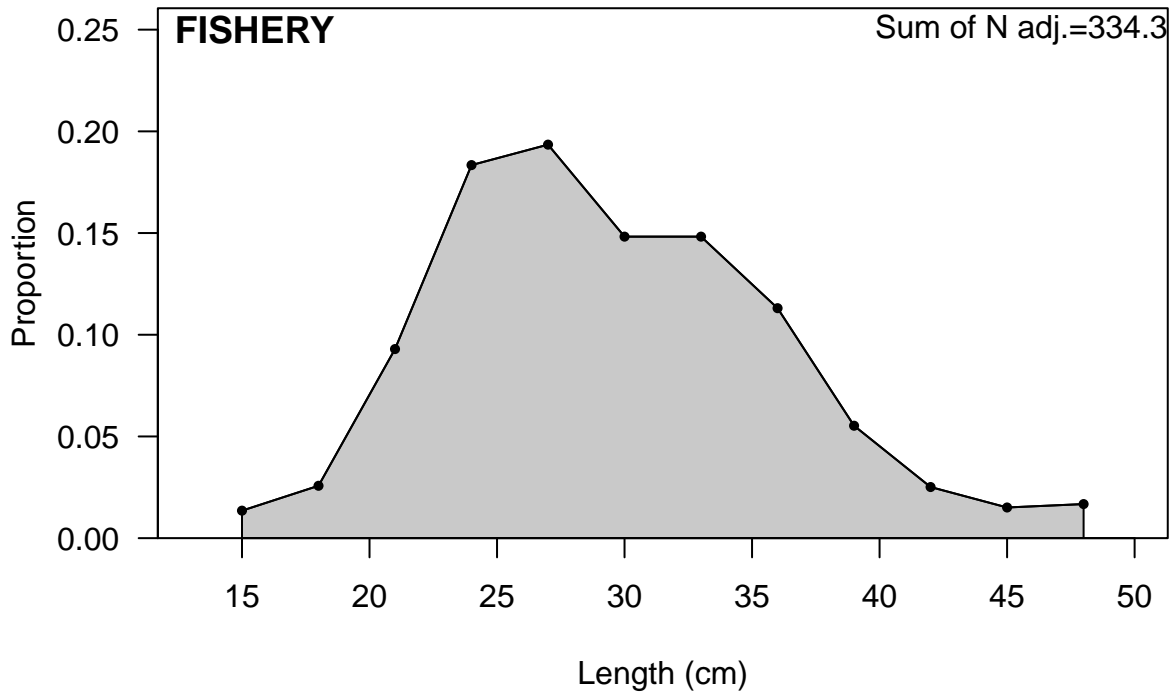


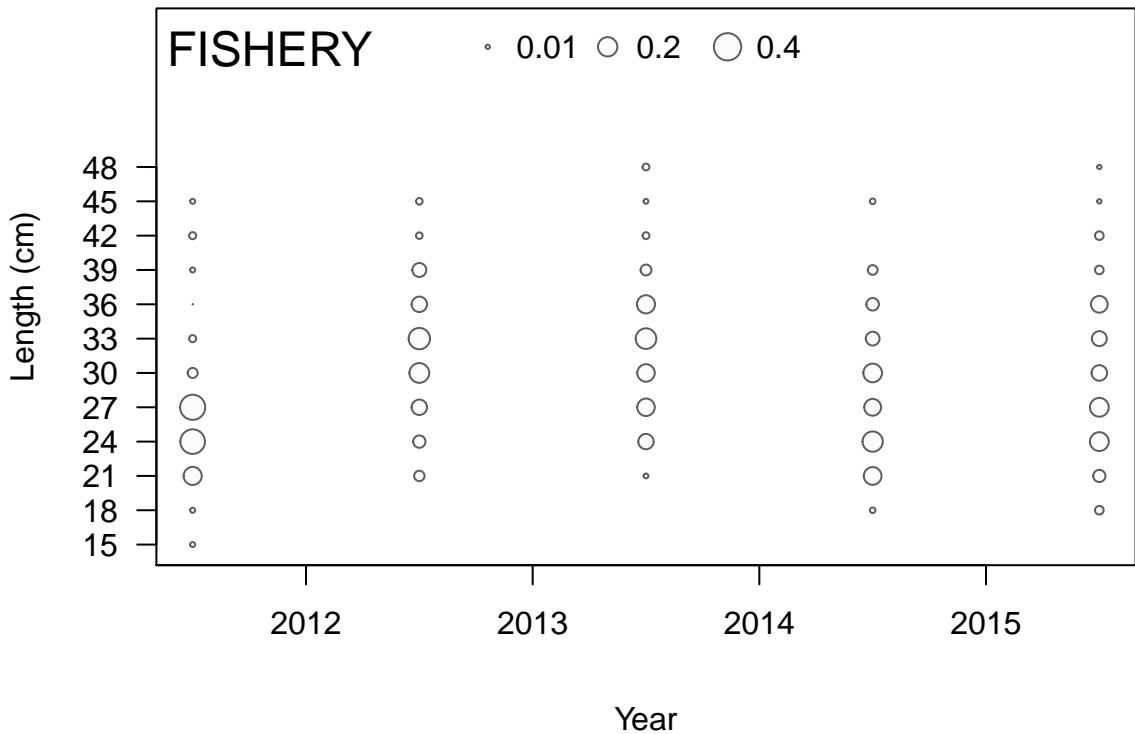
Length



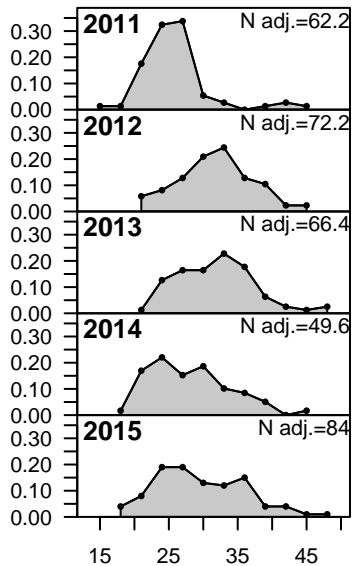




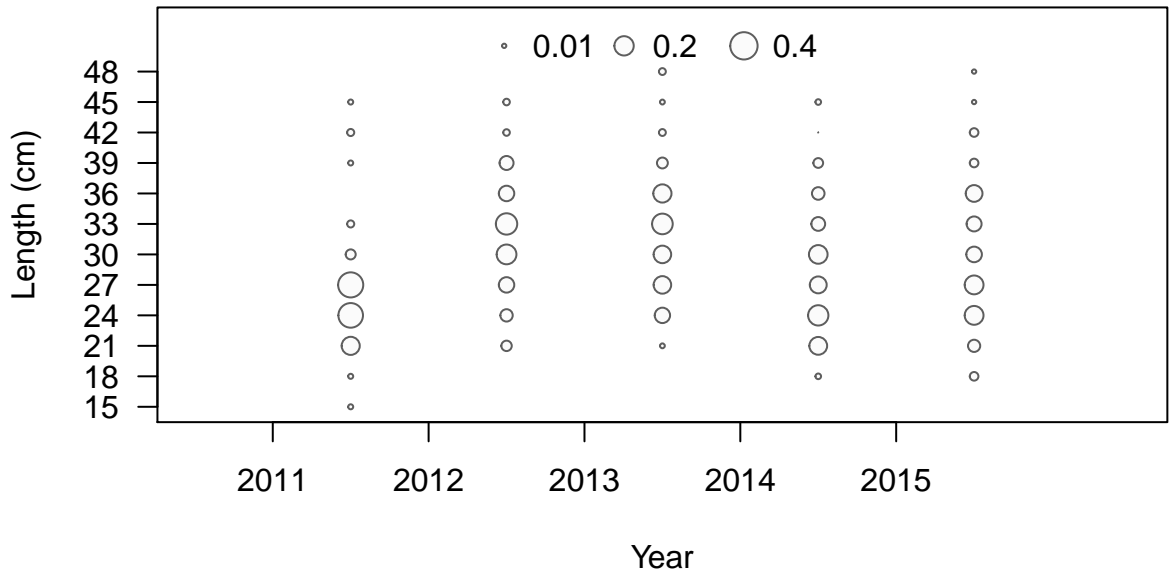




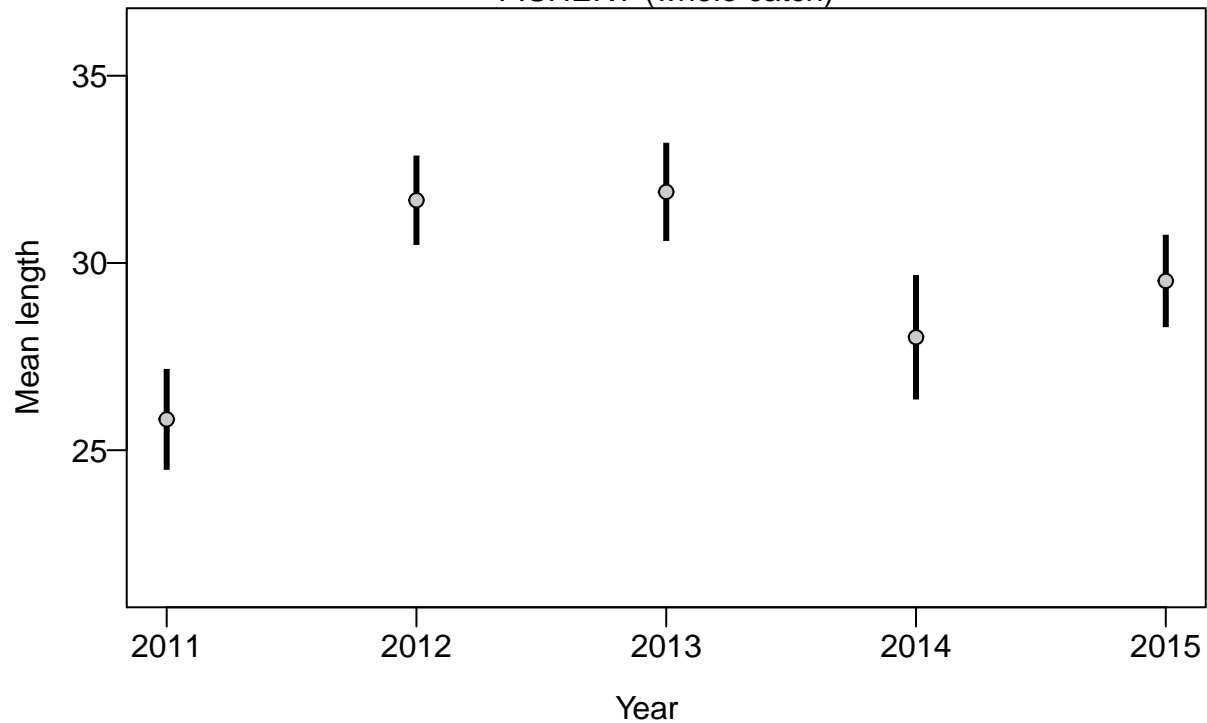
Proportion

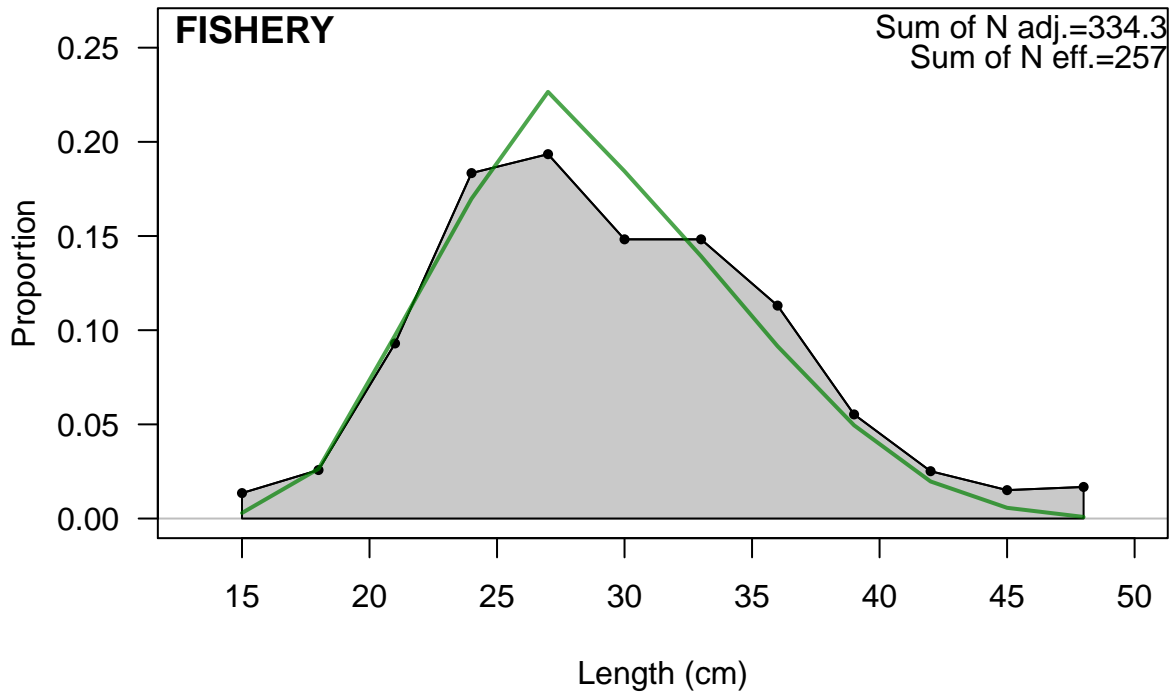


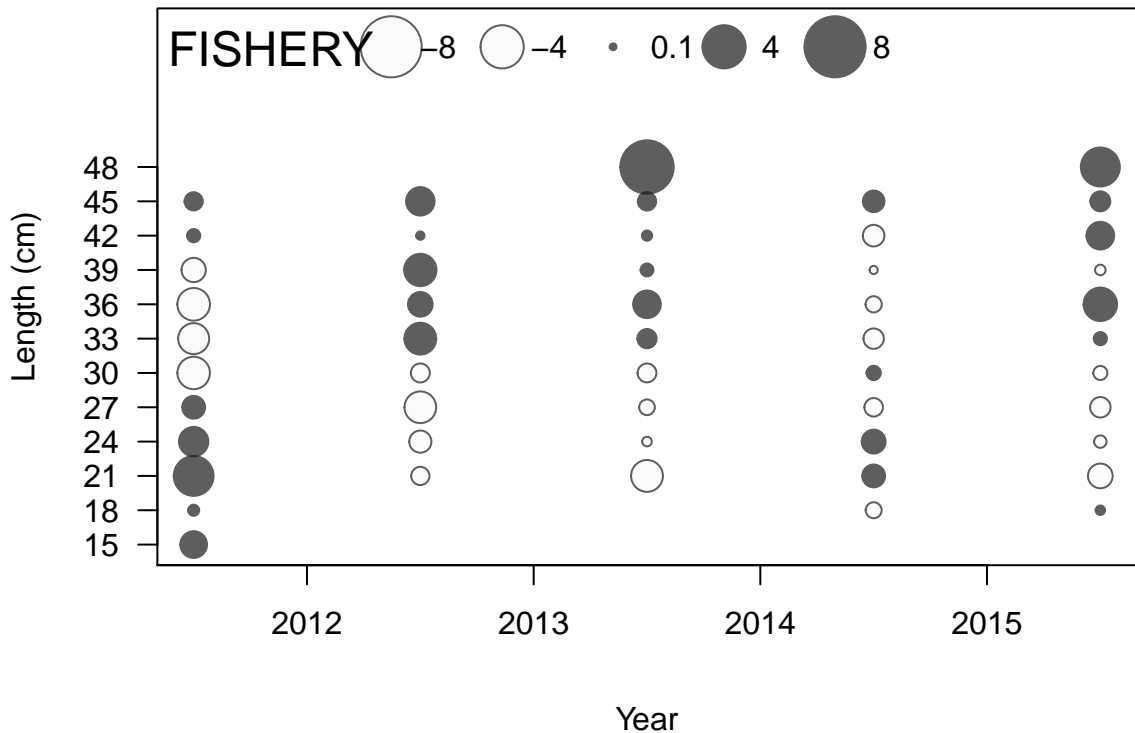
Length (cm)



FISHERY (whole catch)

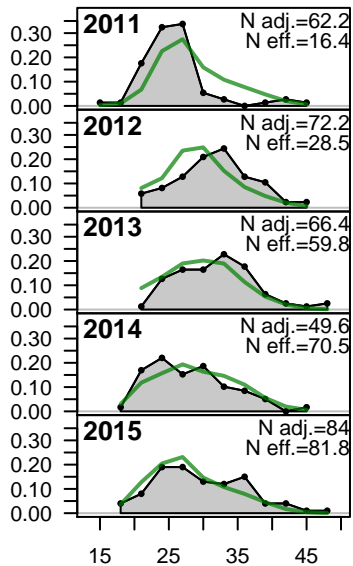






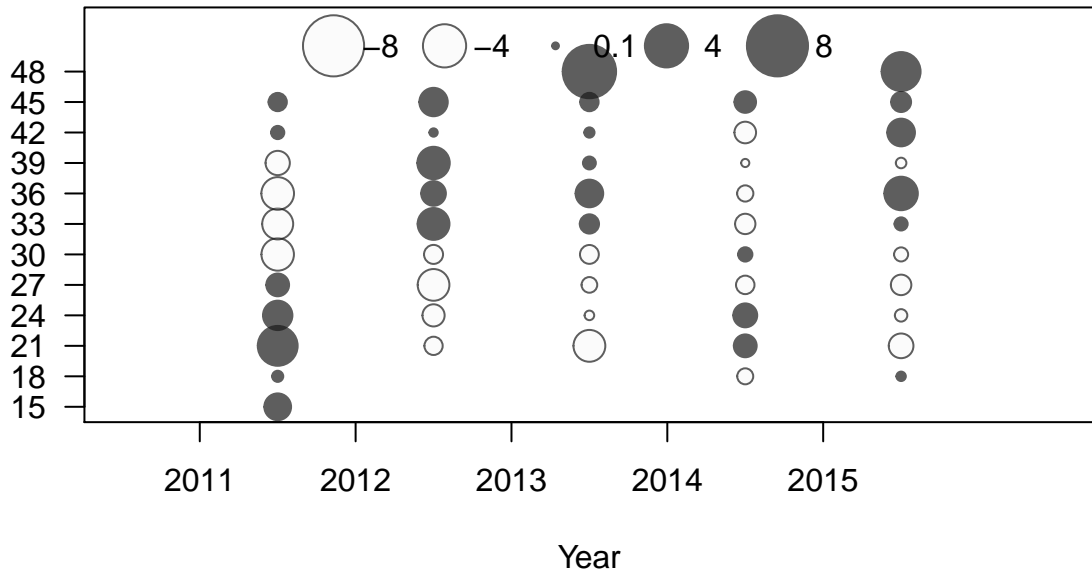


Proportion

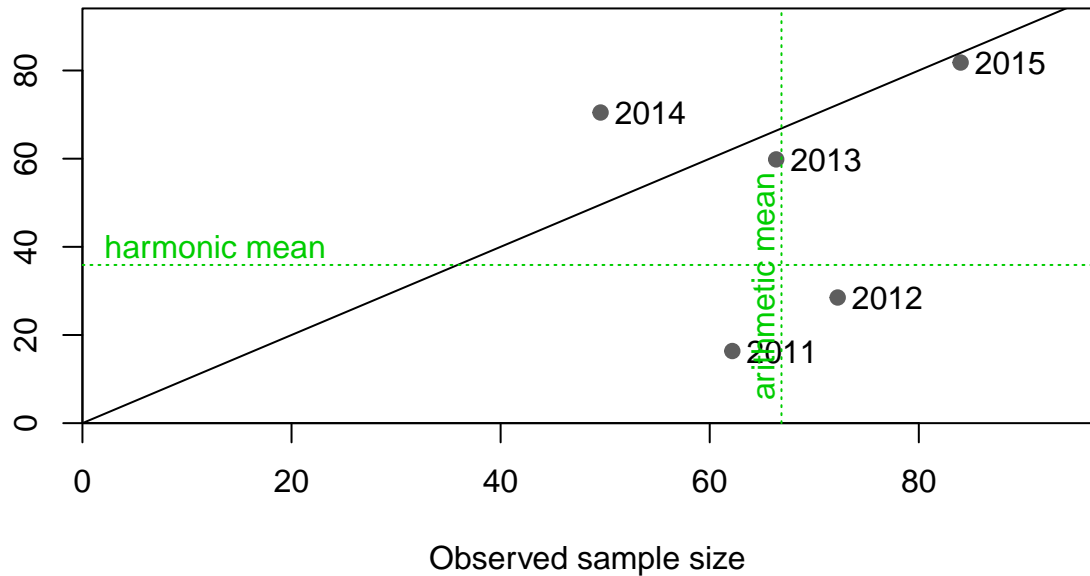


Length (cm)

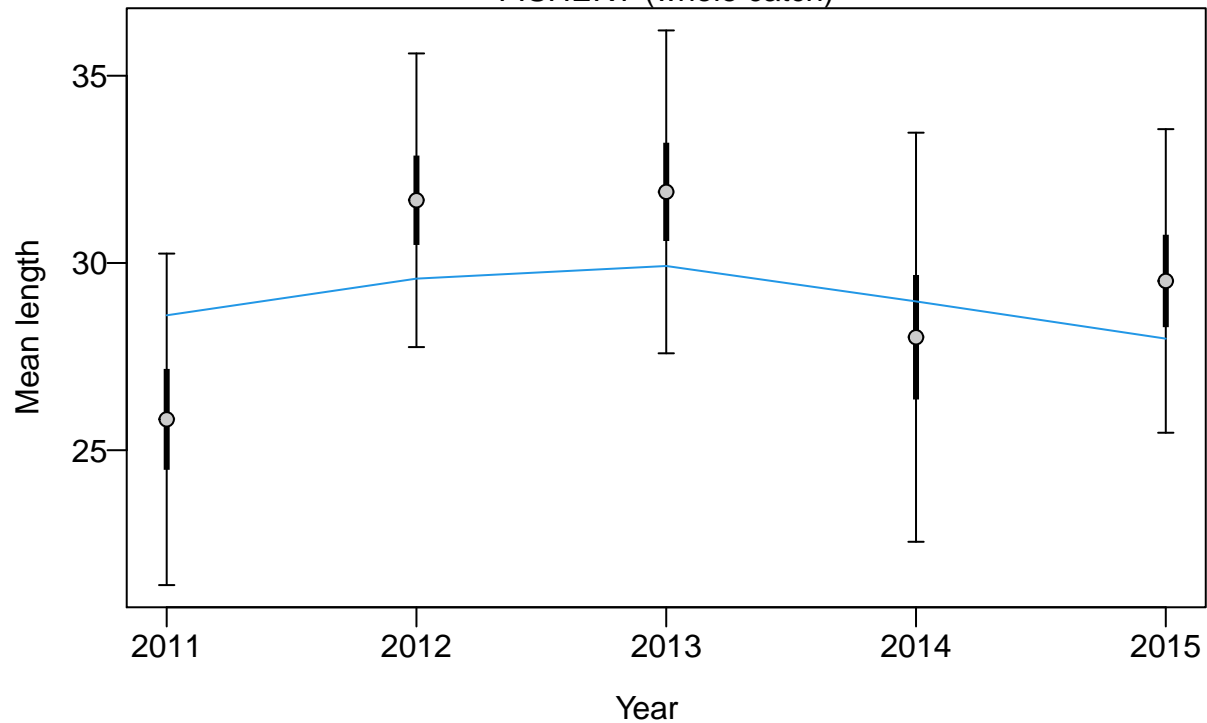
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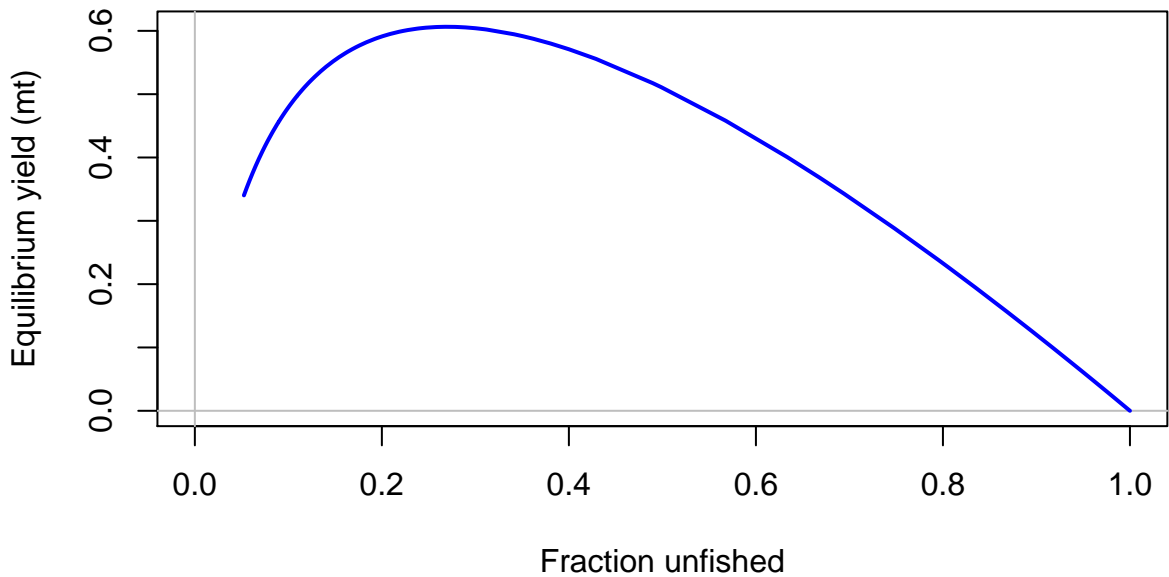


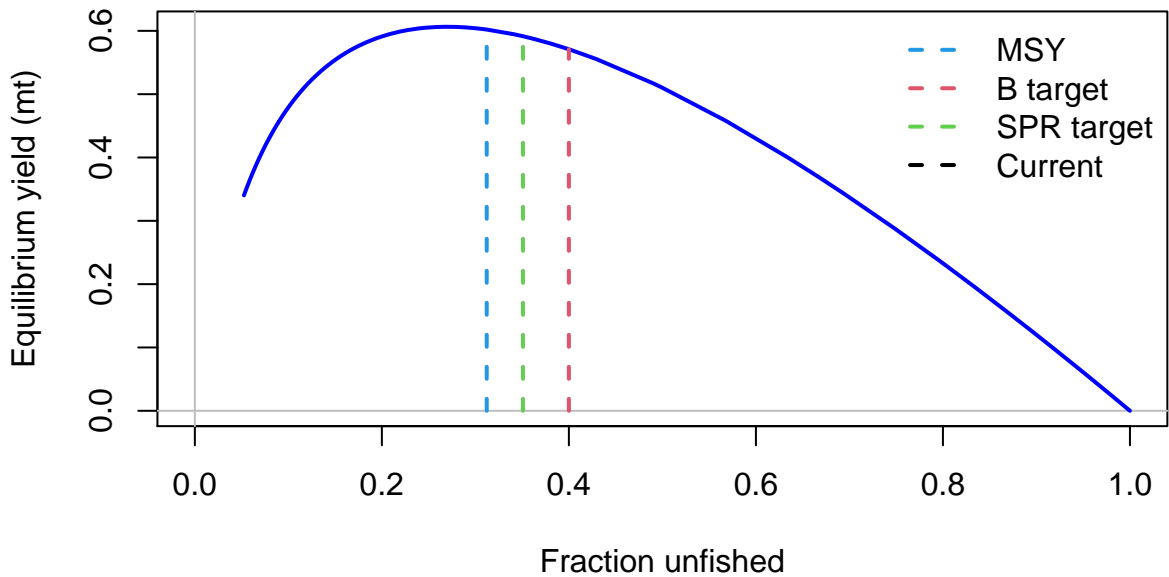
Effective sample size

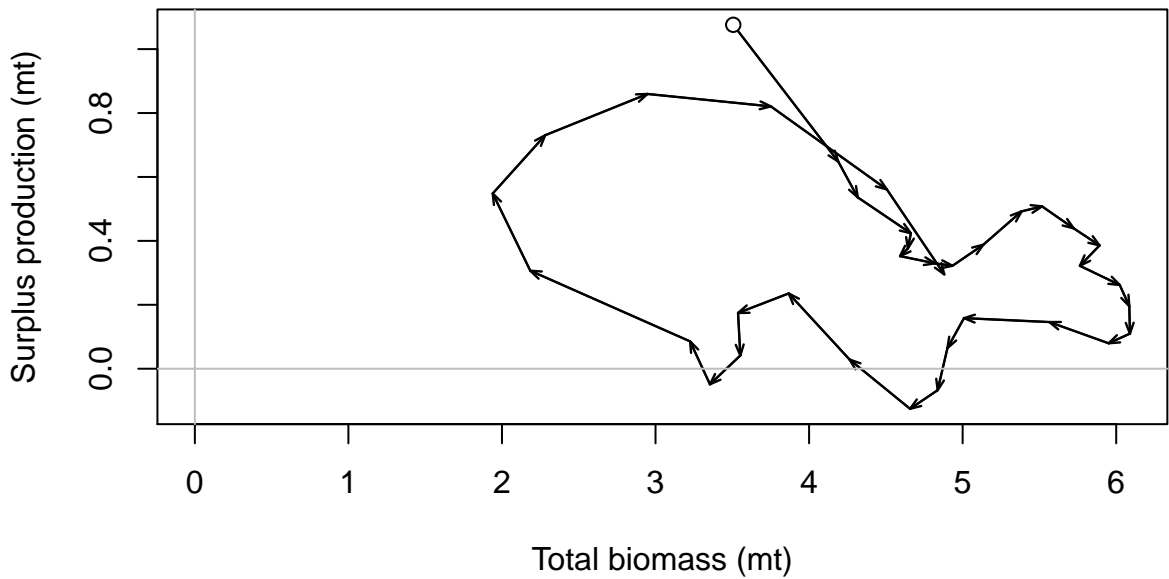


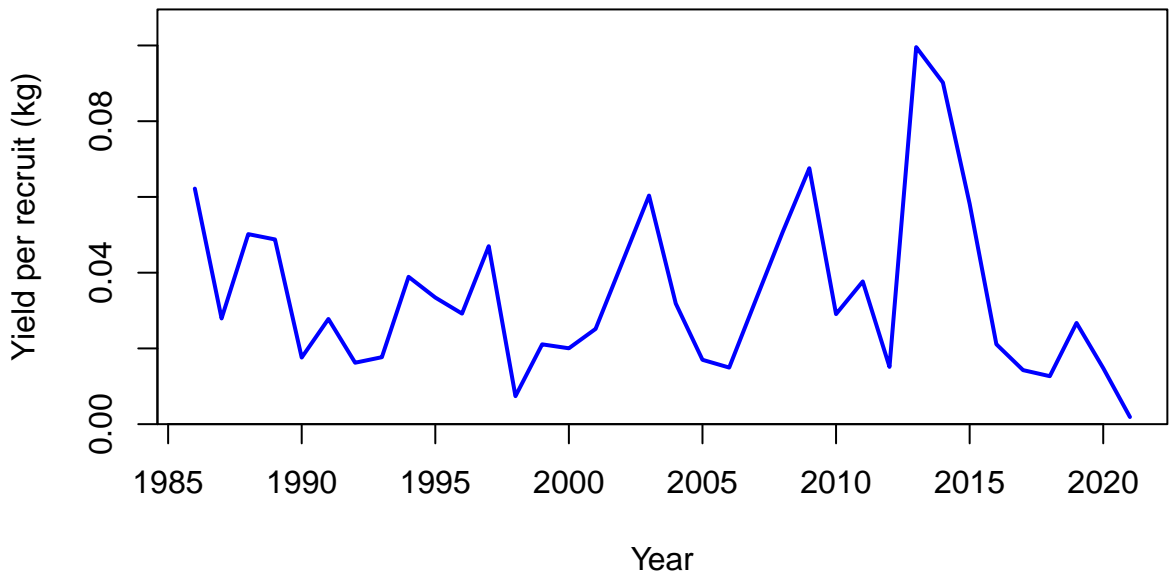
FISHERY (whole catch)



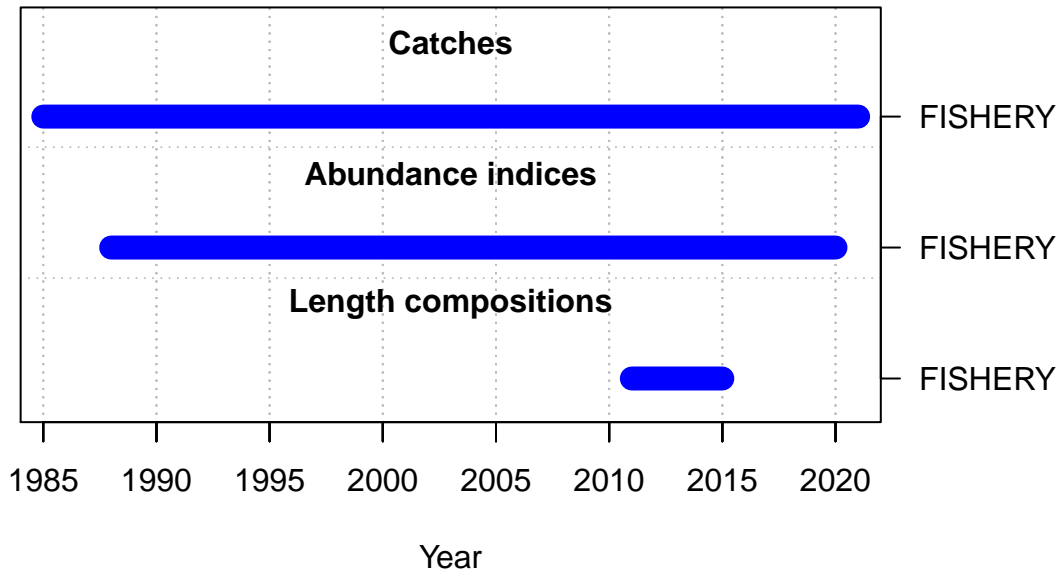


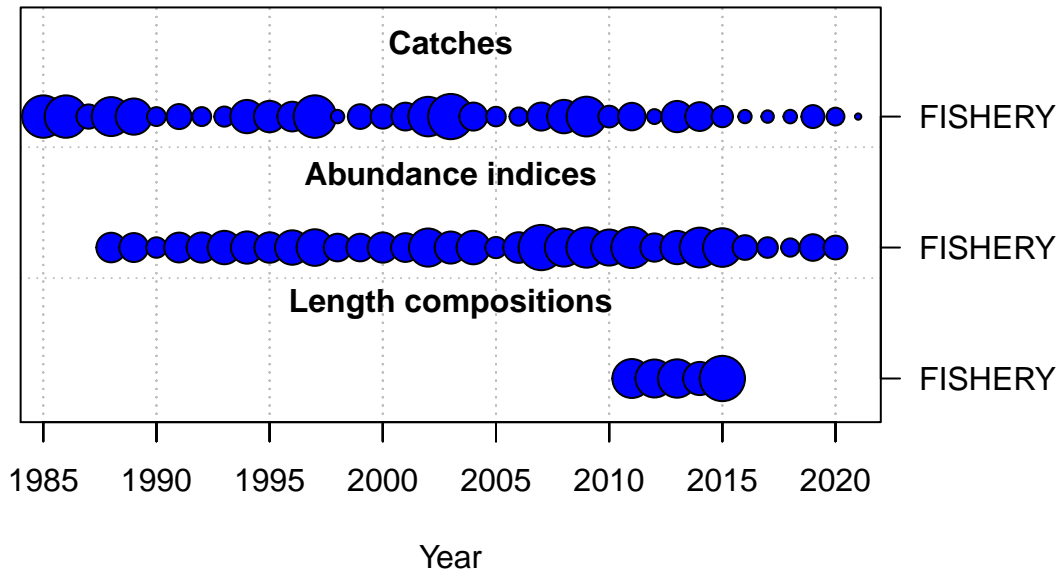




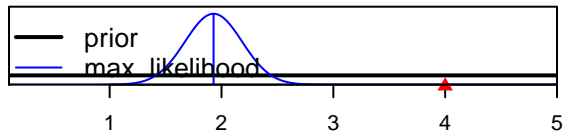




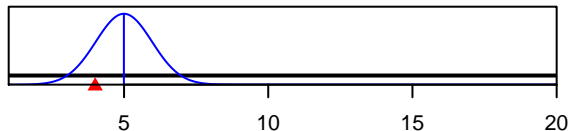




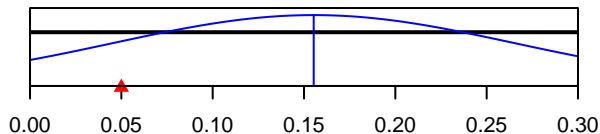
SR\_LN(R0)



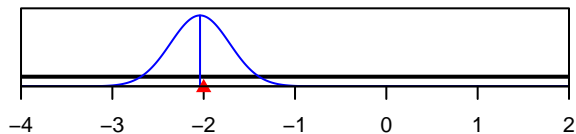
Size\_95%width\_FISHERY(1)



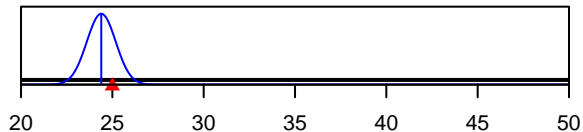
InitF\_seas\_1\_flt\_1FISHERY



LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Parameter value