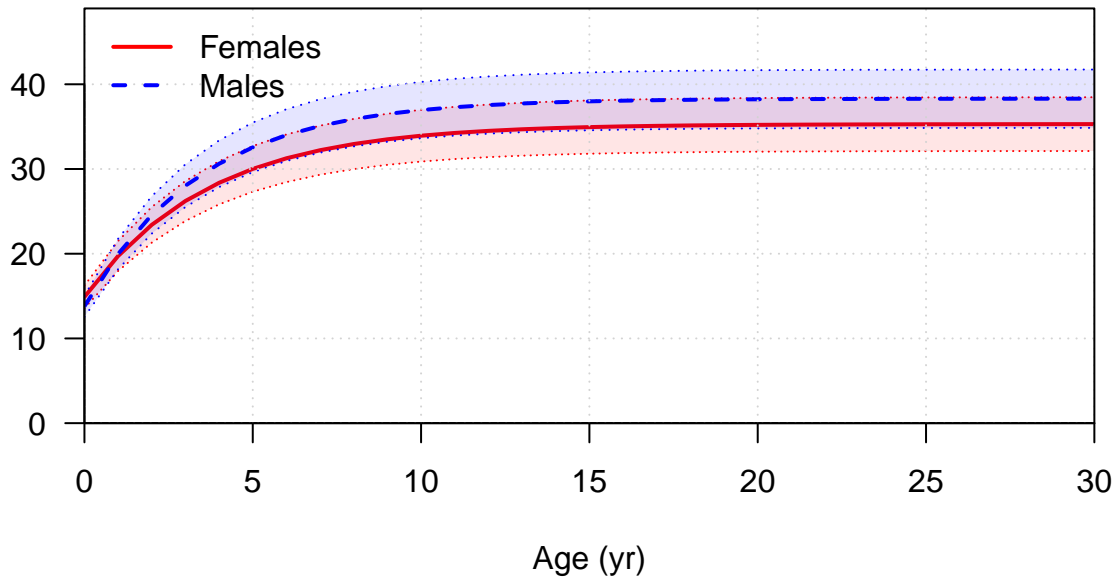


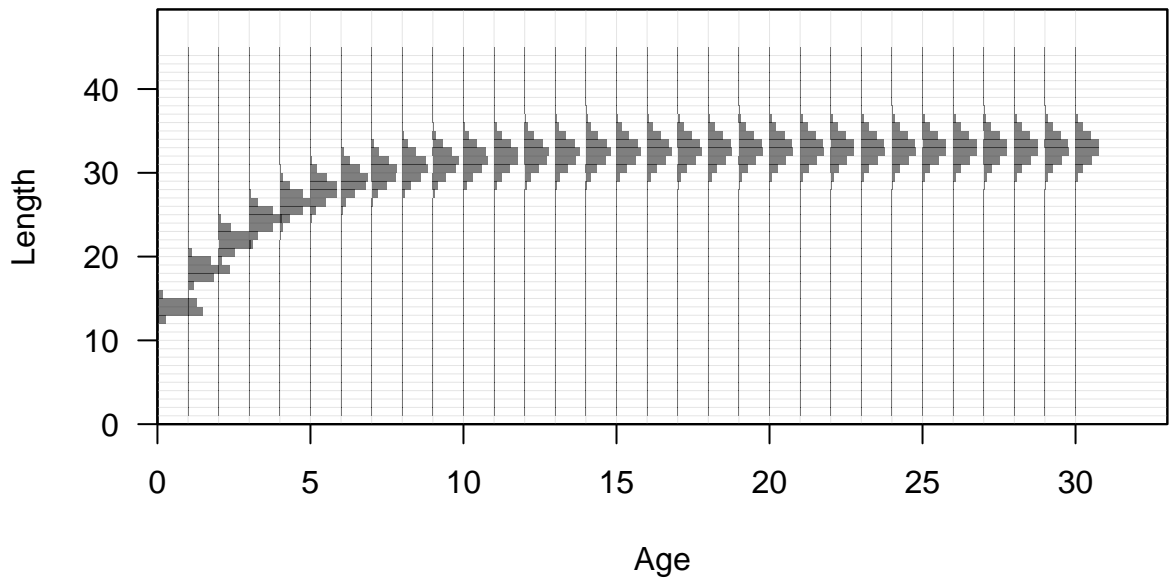
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Wed Aug 24 11:04:25 2022  
Data\_File: data.ss  
Control\_File: control.ss

Length (cm, beginning of the year)







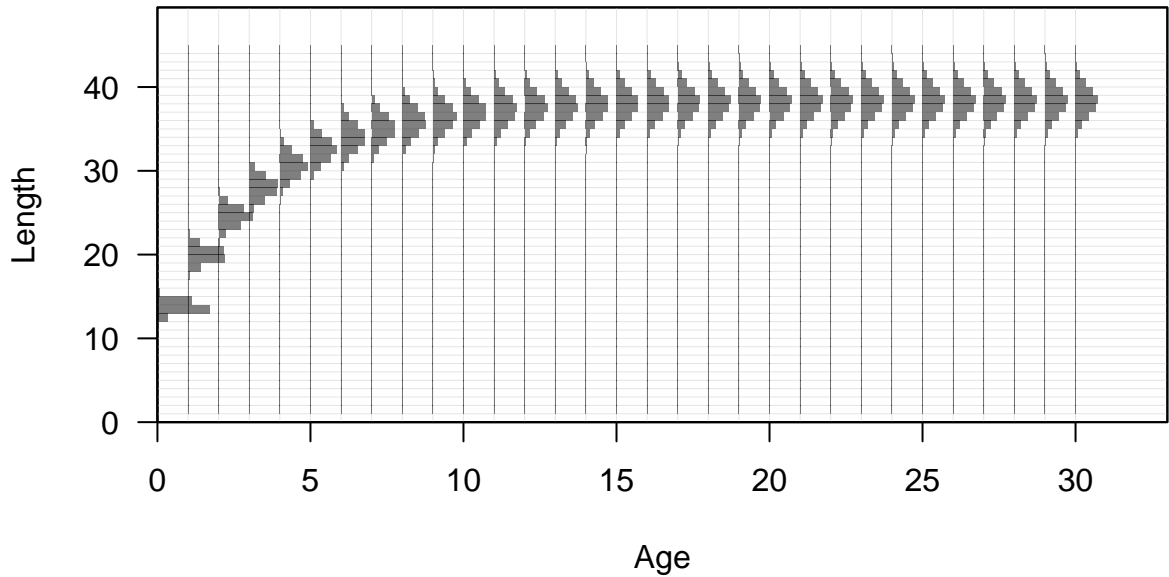














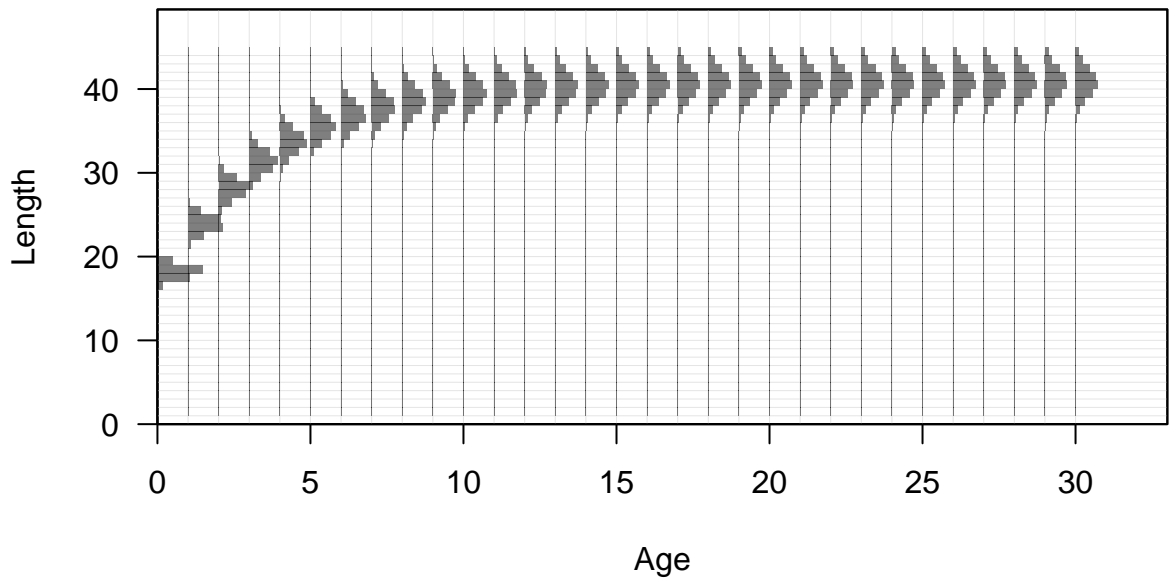


















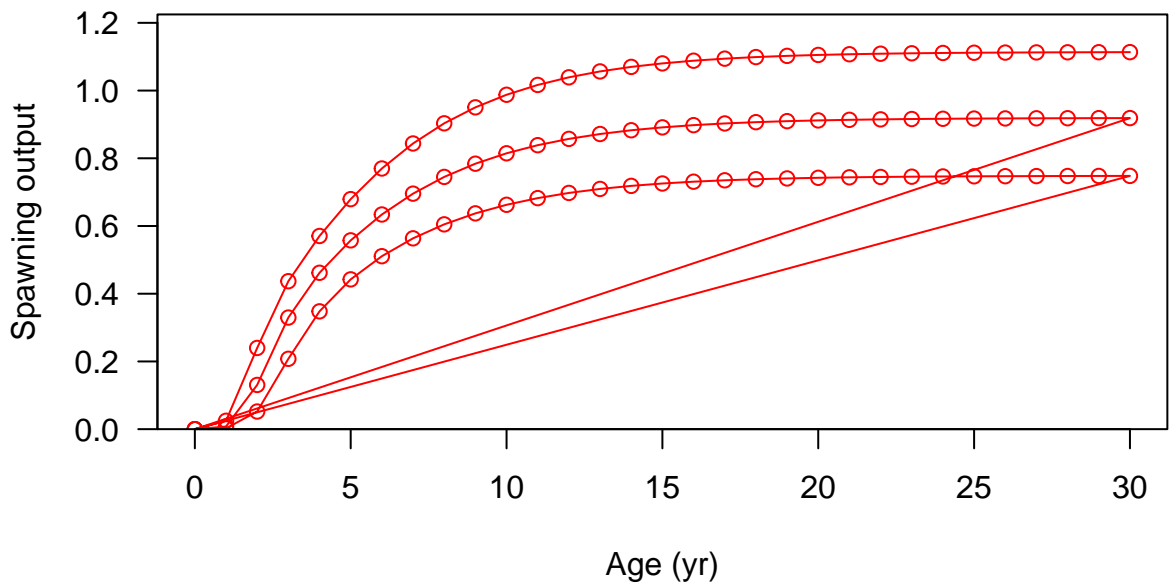






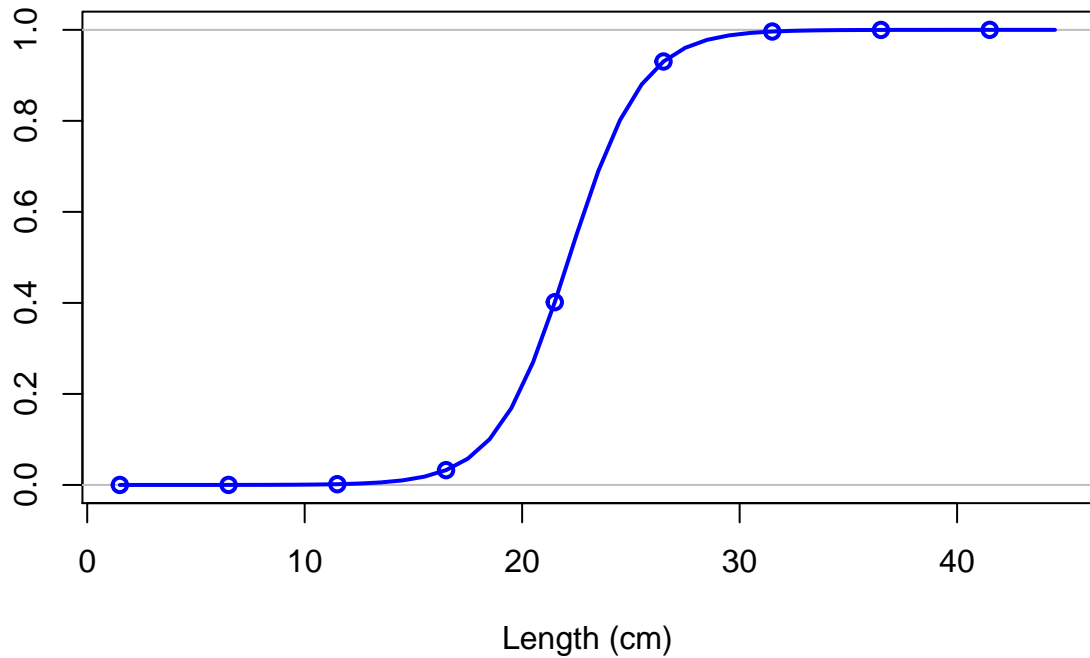




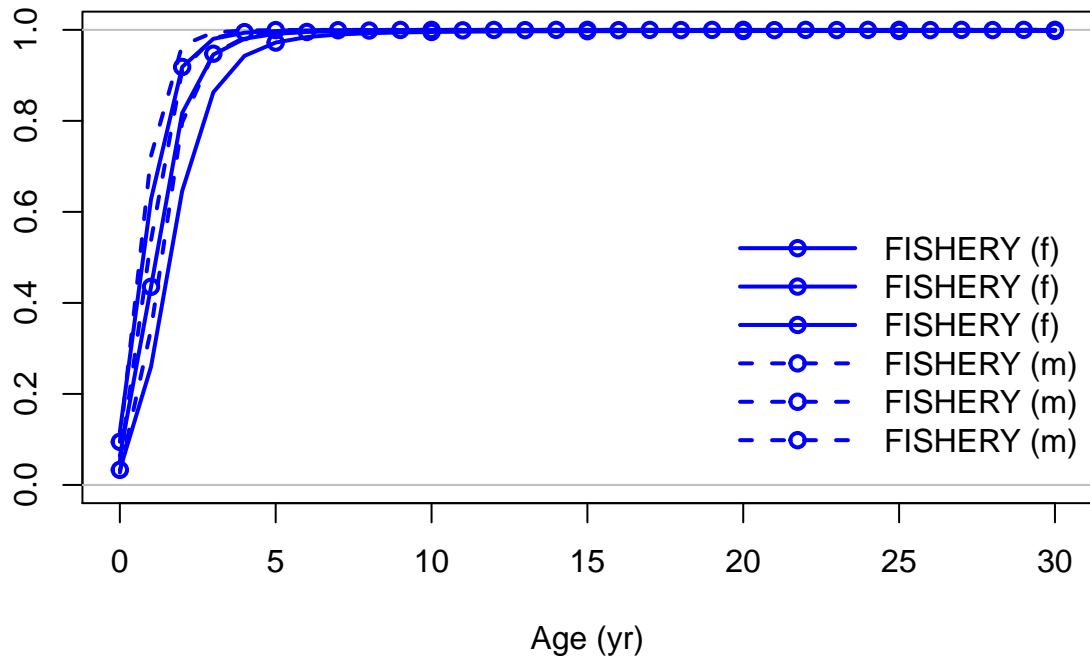




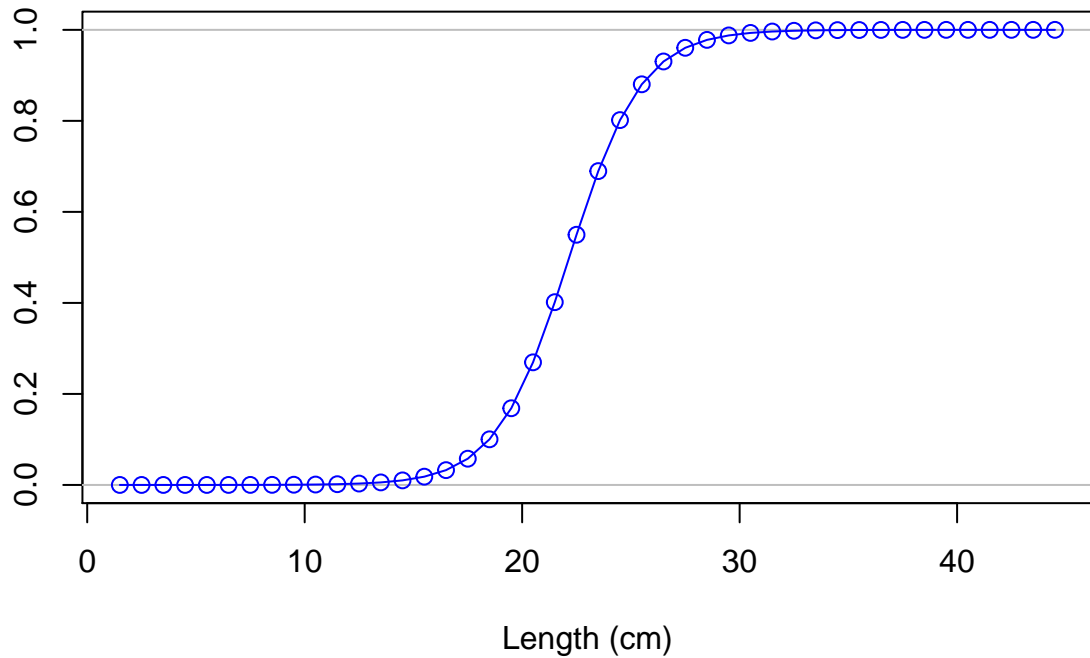
Selectivity



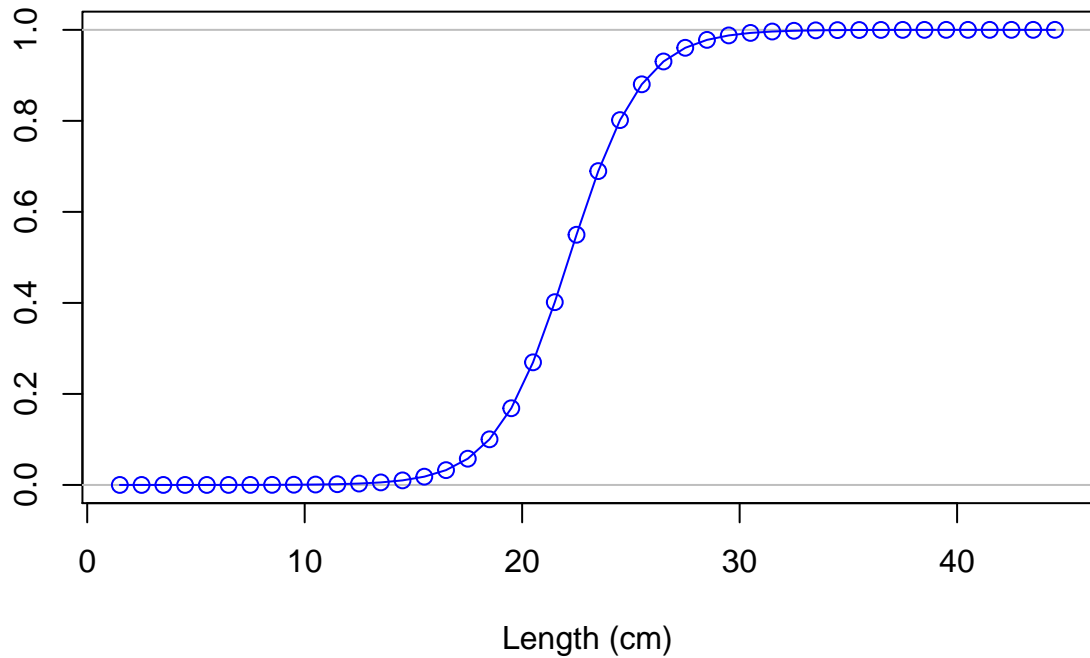
Selectivity

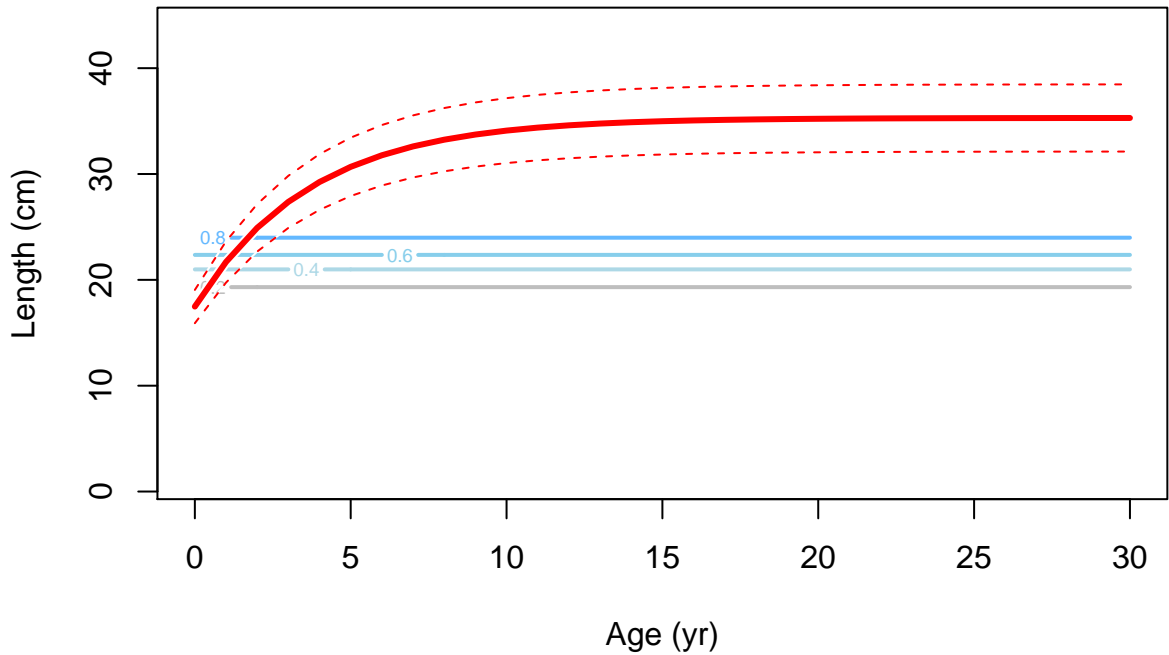


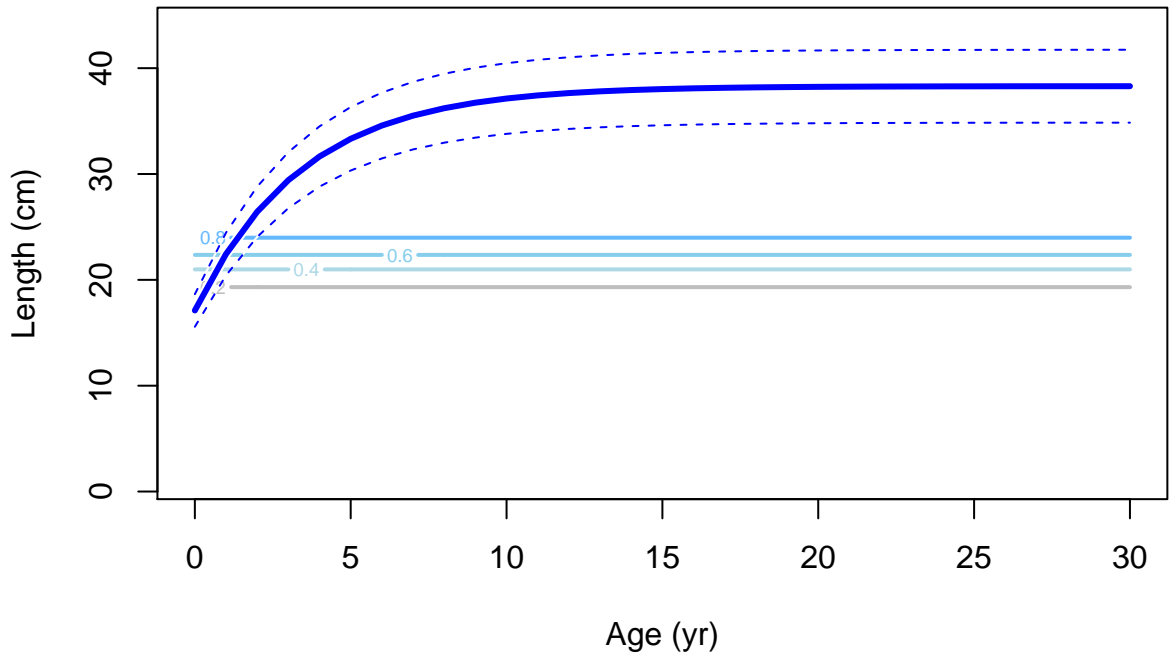
Selectivity

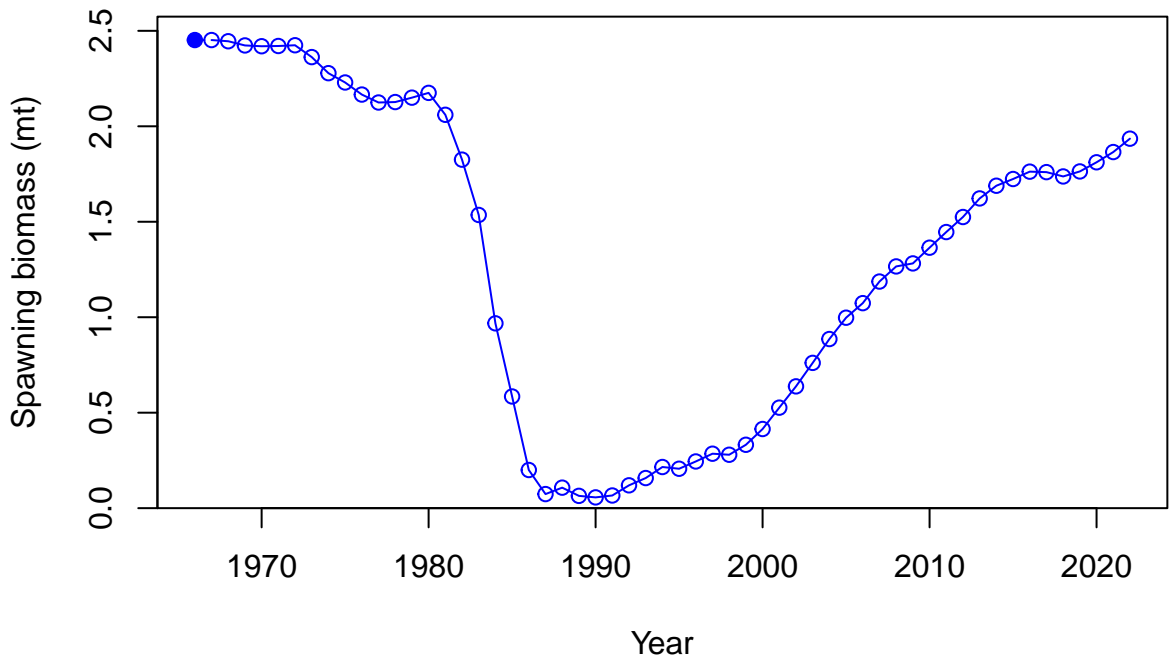


Selectivity

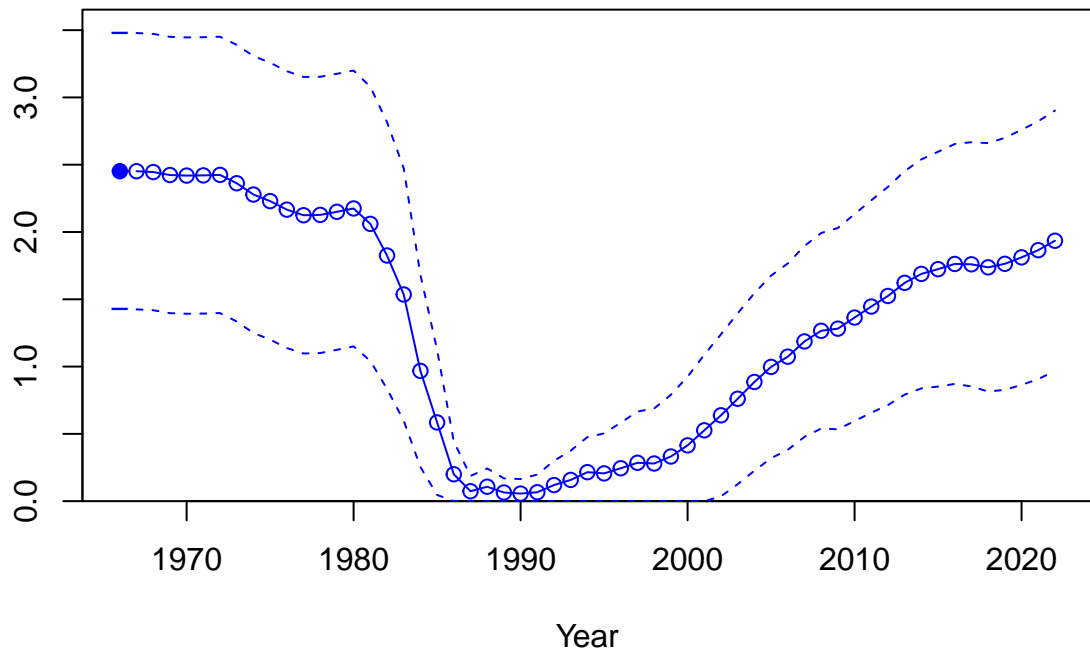






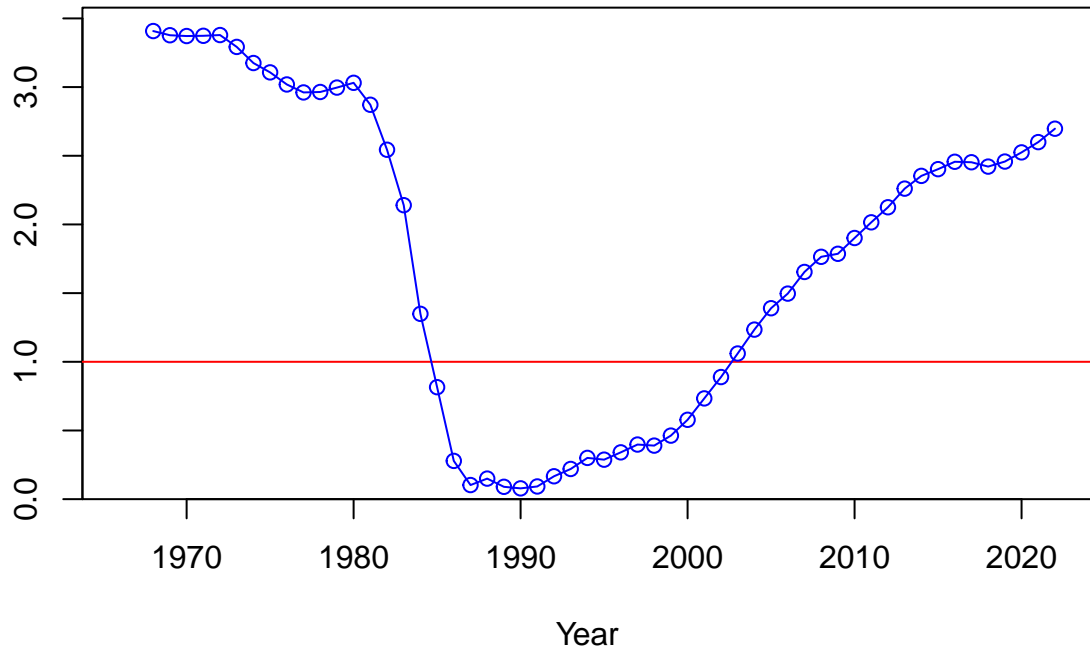


Spawning biomass (mt)

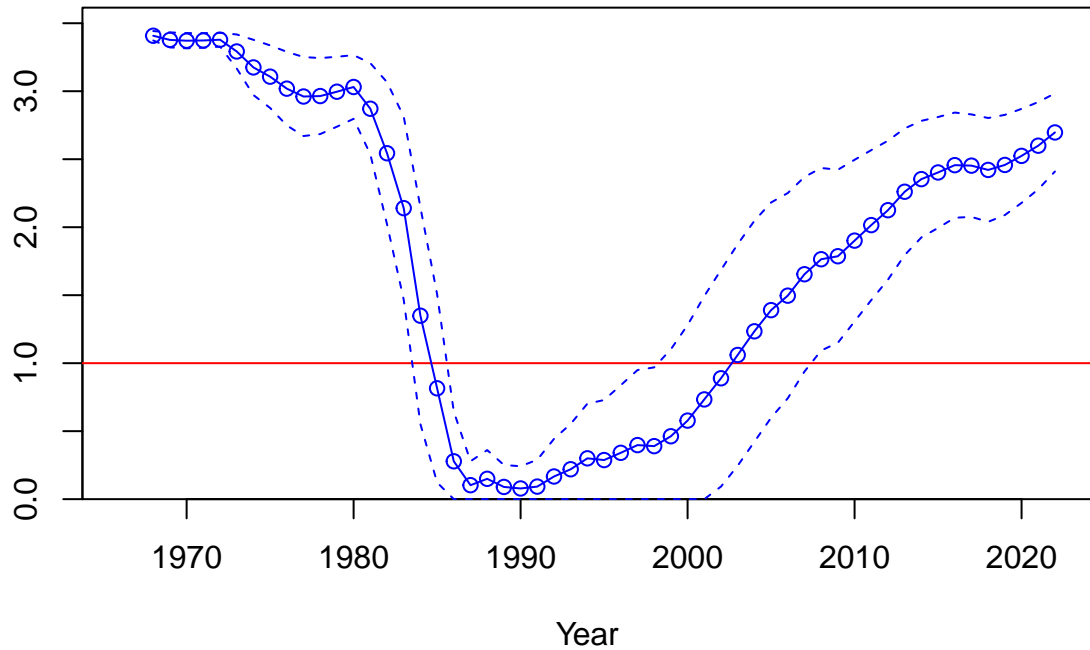


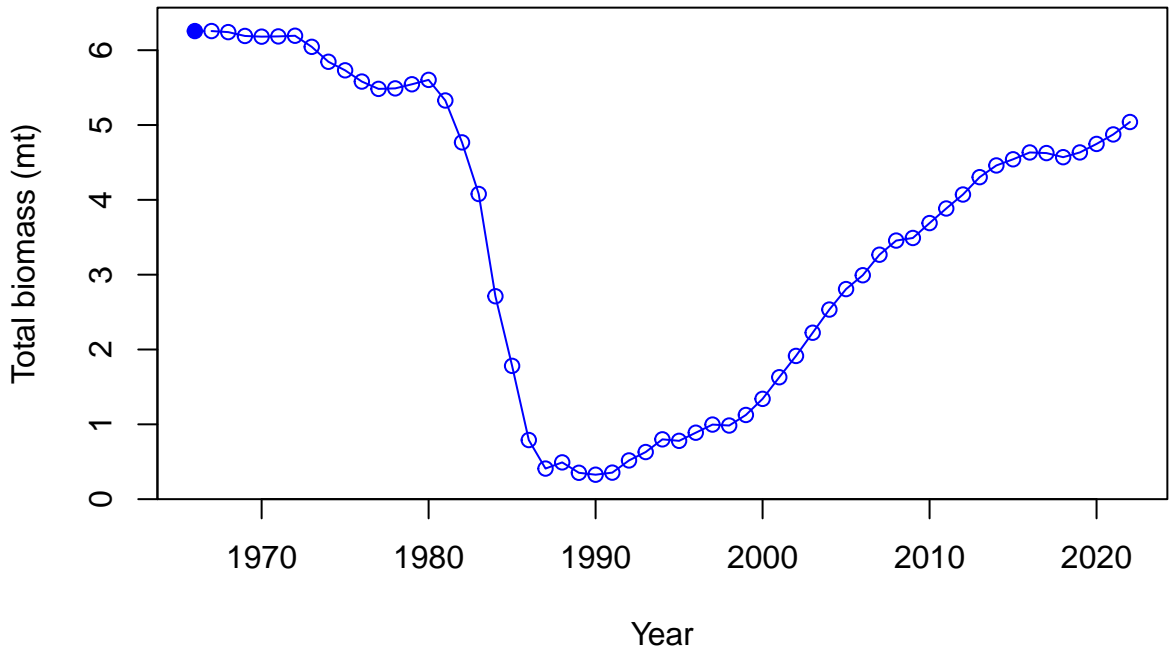


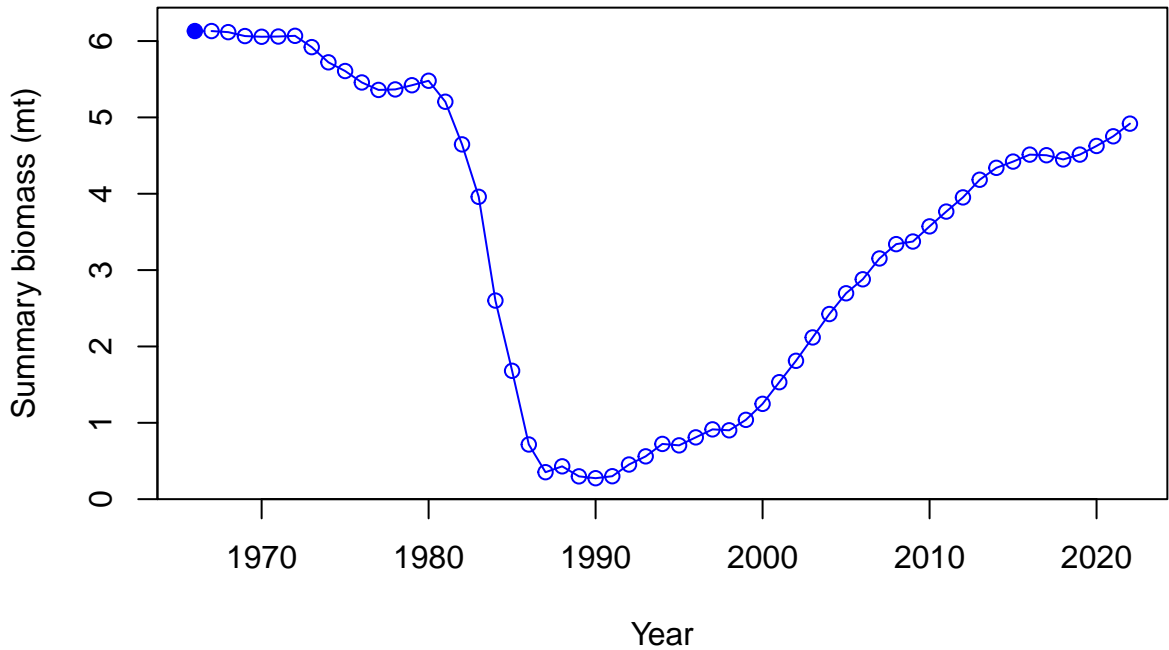
Relative spawning biomass:  $B/B_{MSY}$



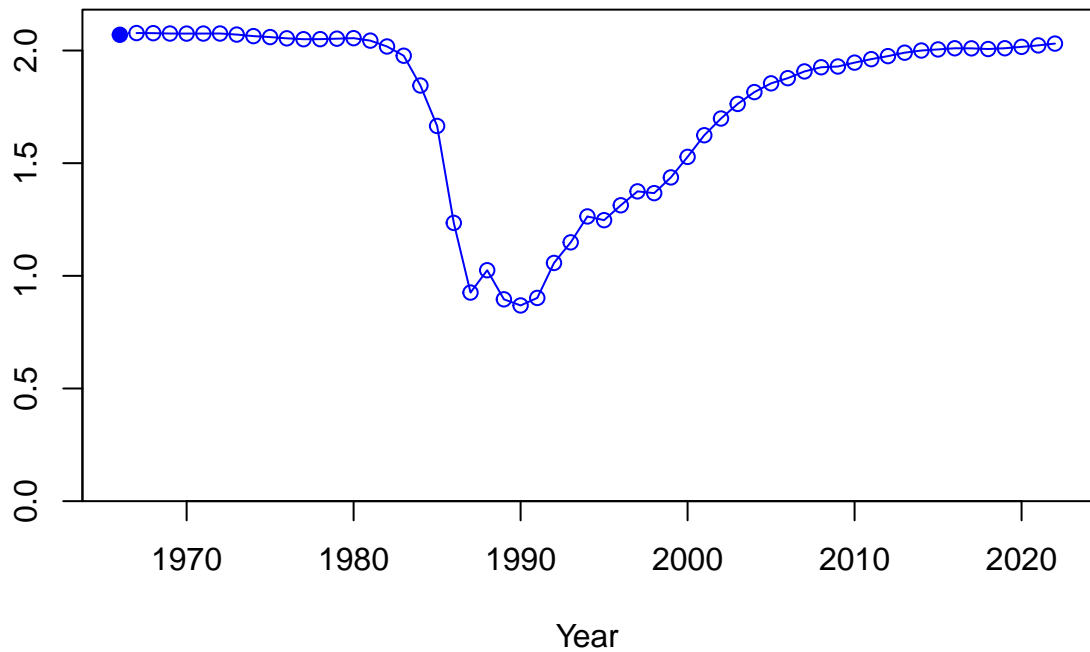
Relative spawning biomass:  $B/B_{MSY}$



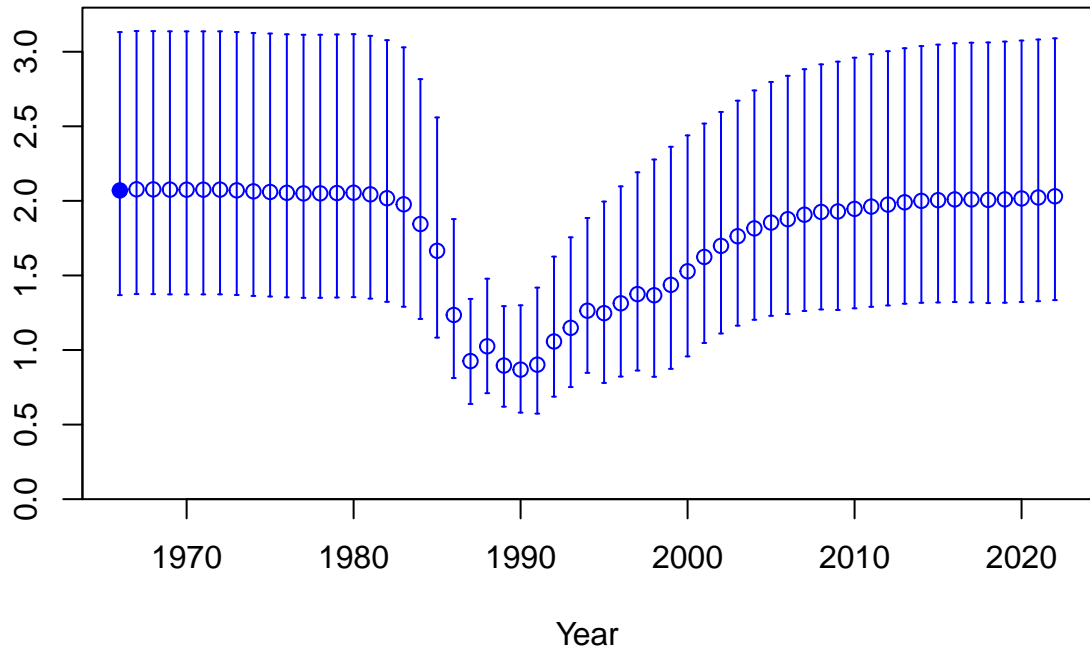




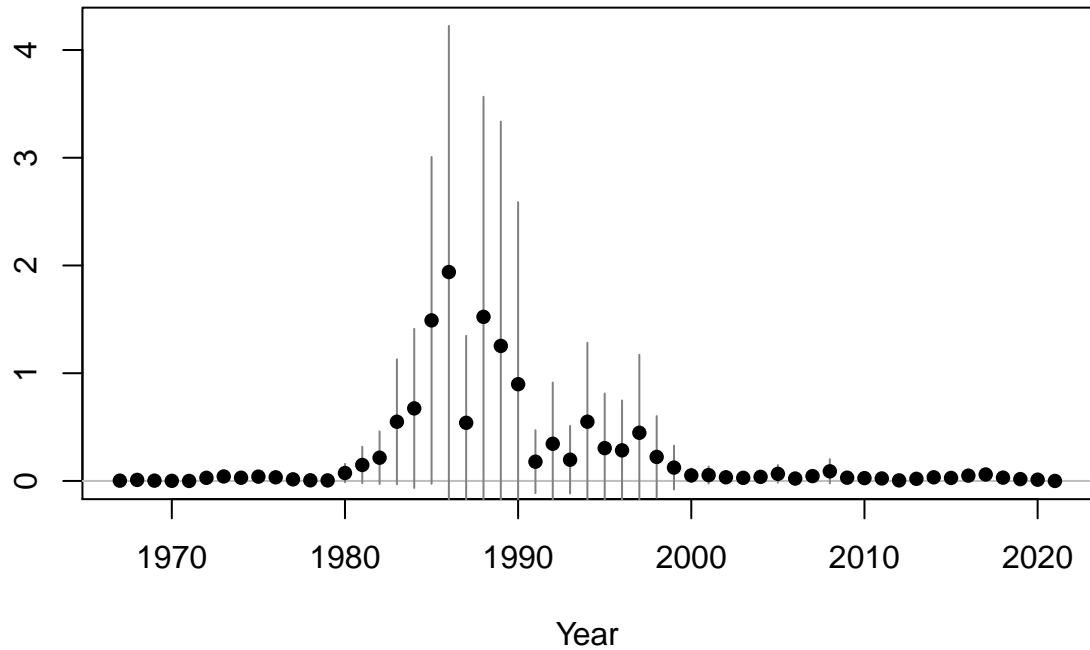
Age-0 recruits (1,000s)

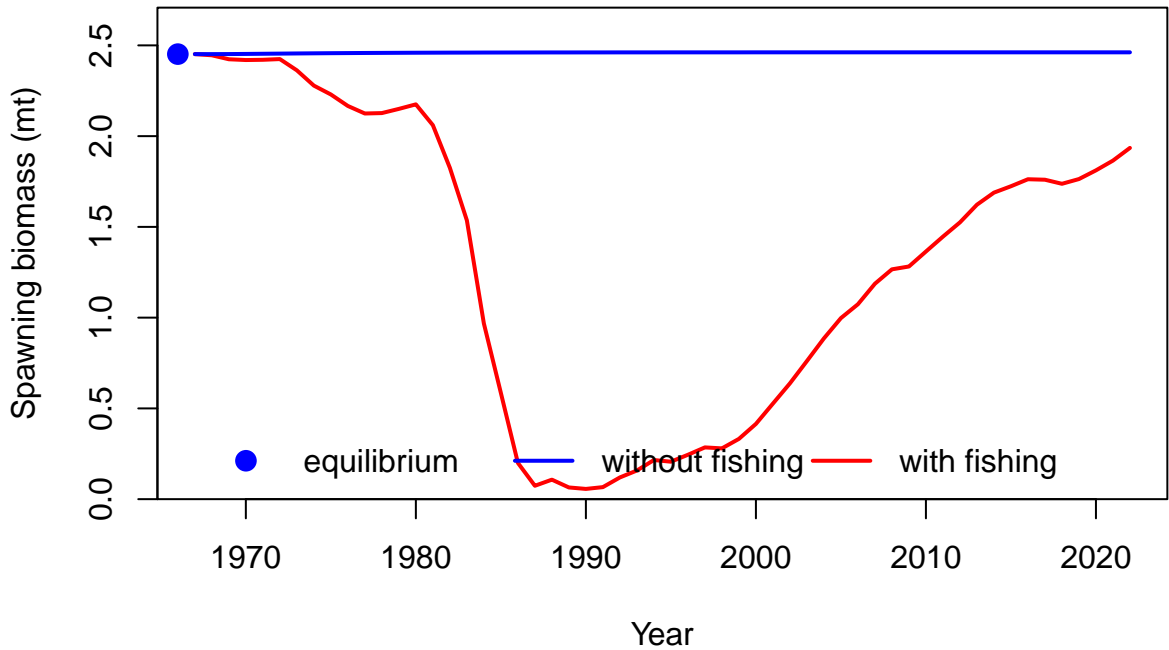


Age-0 recruits (1,000s)

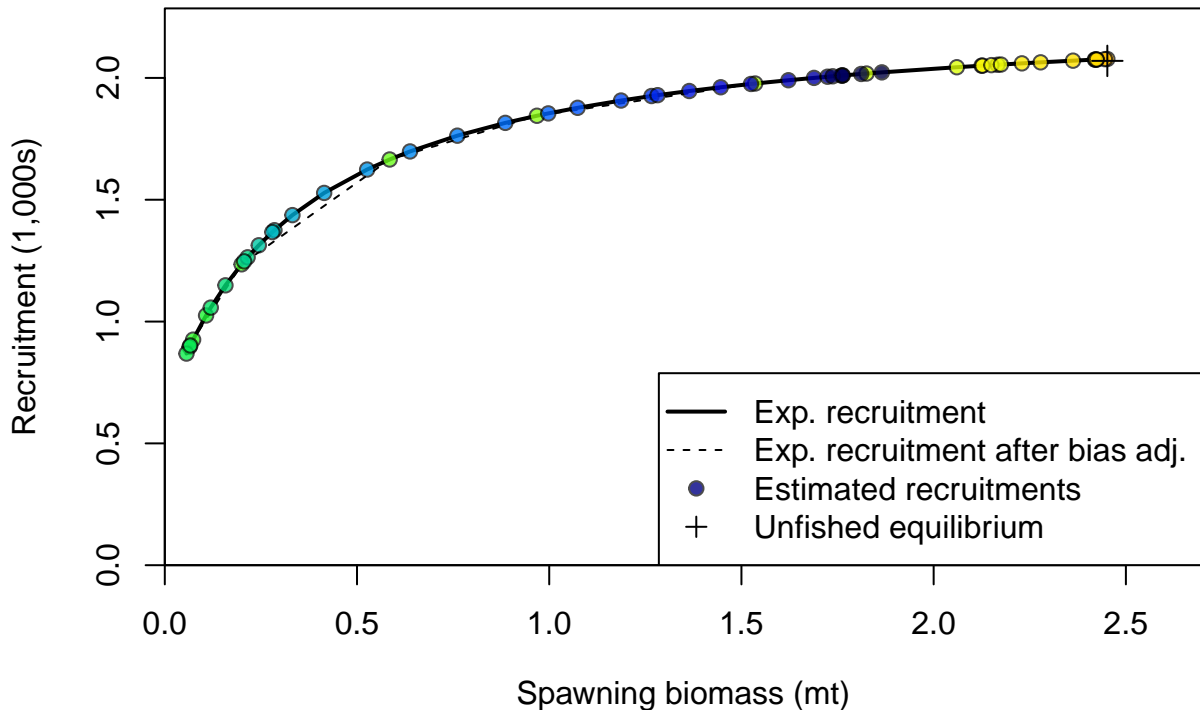


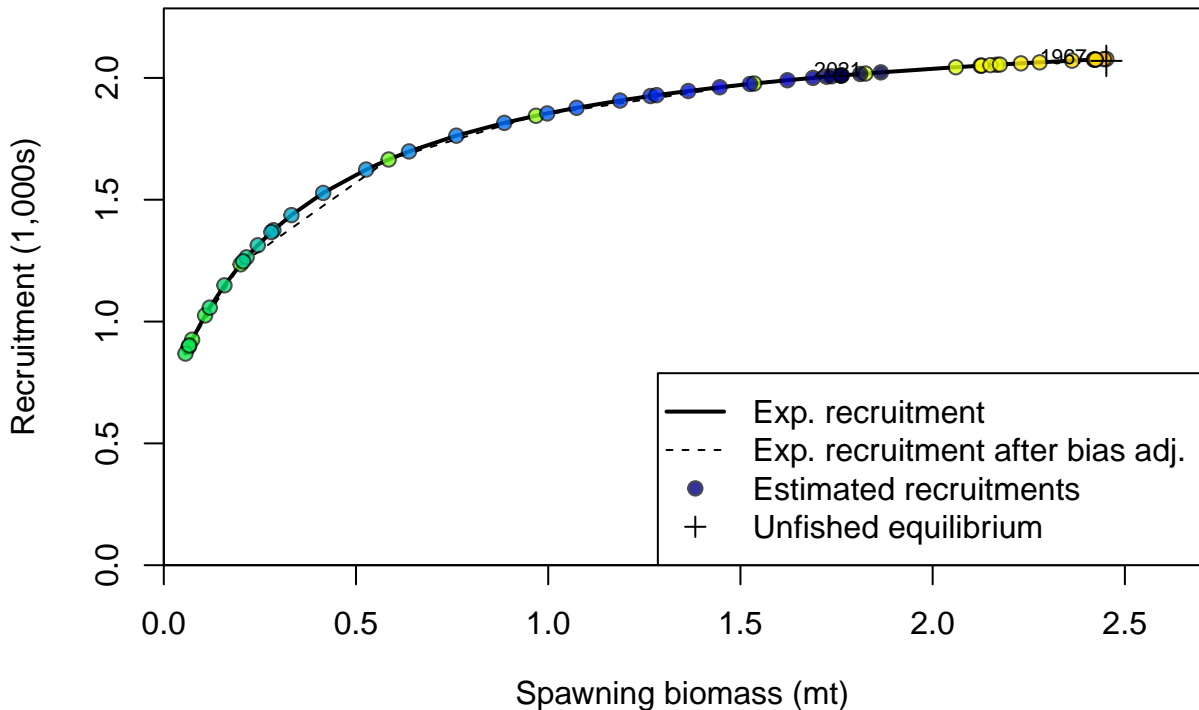
Summary Fishing Mortality

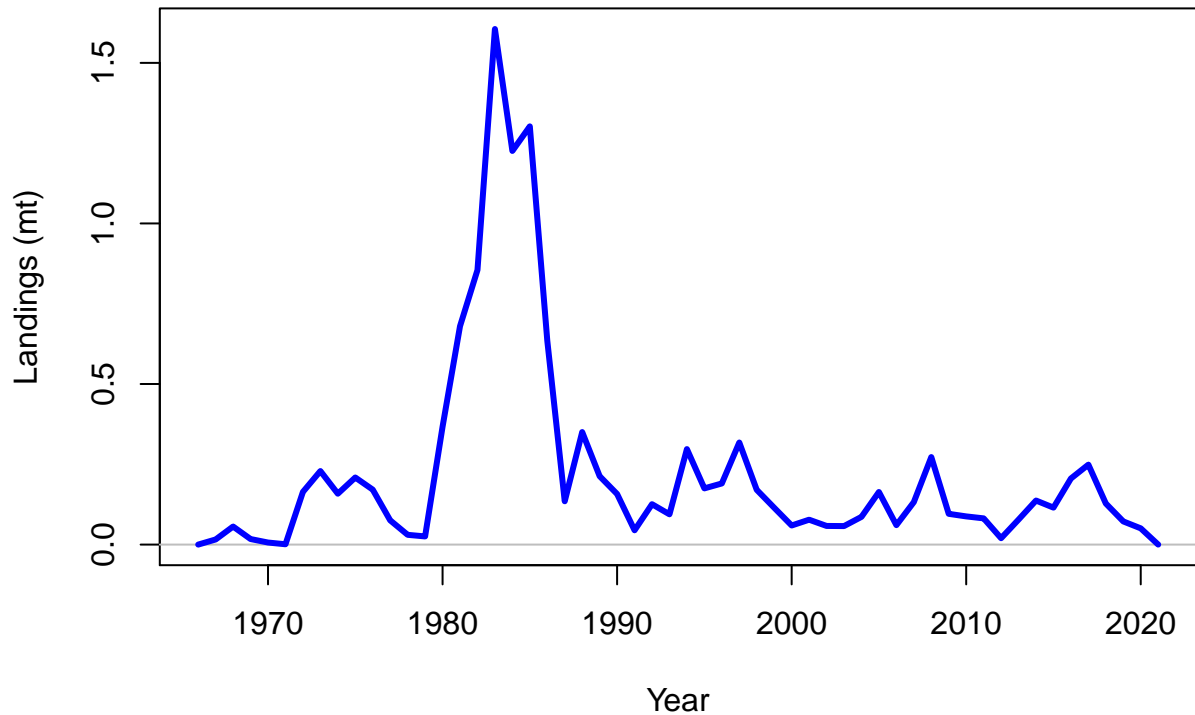


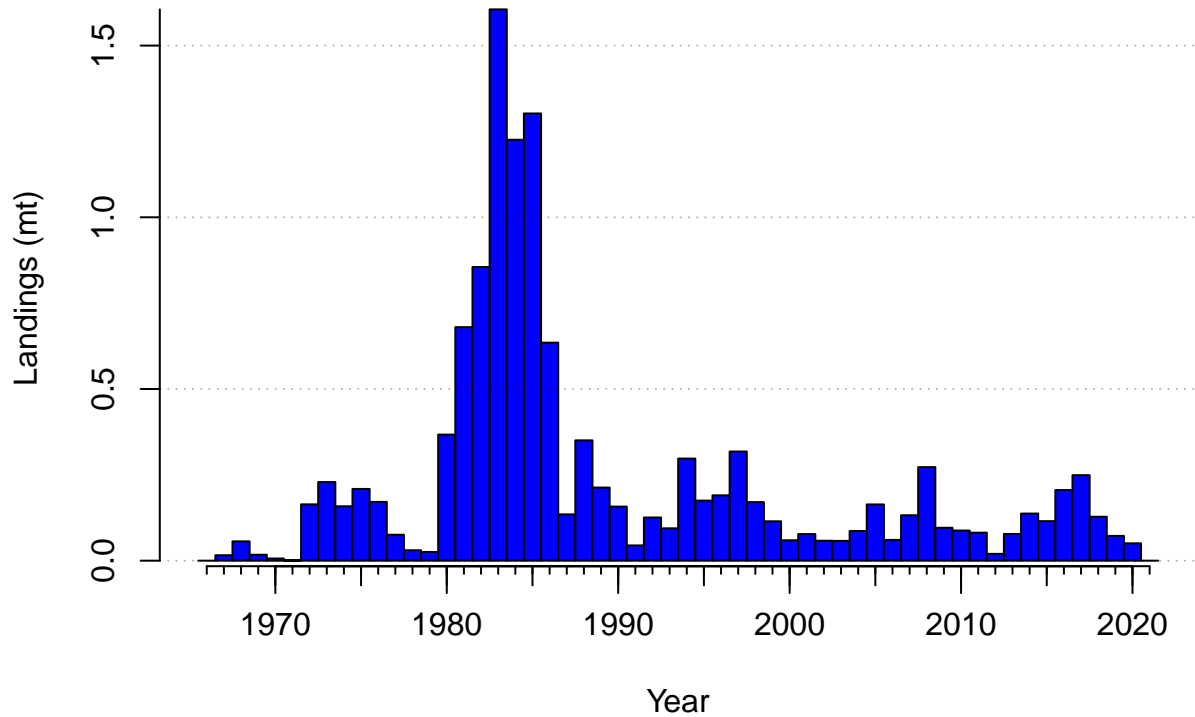


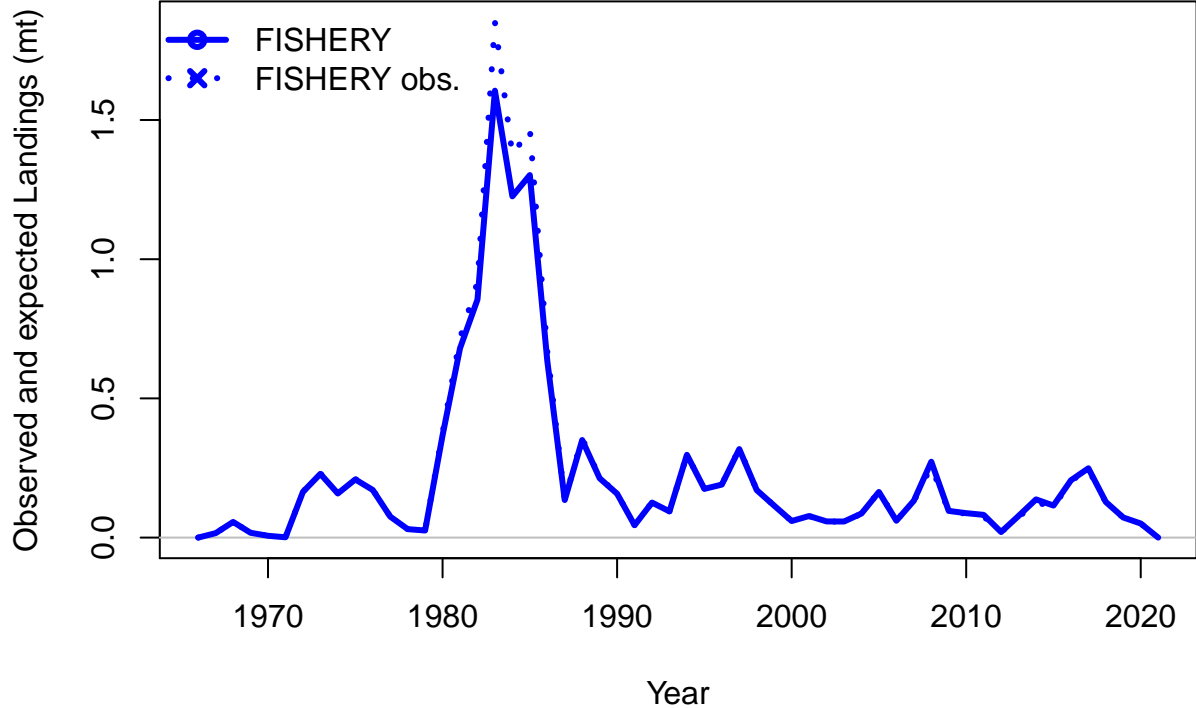


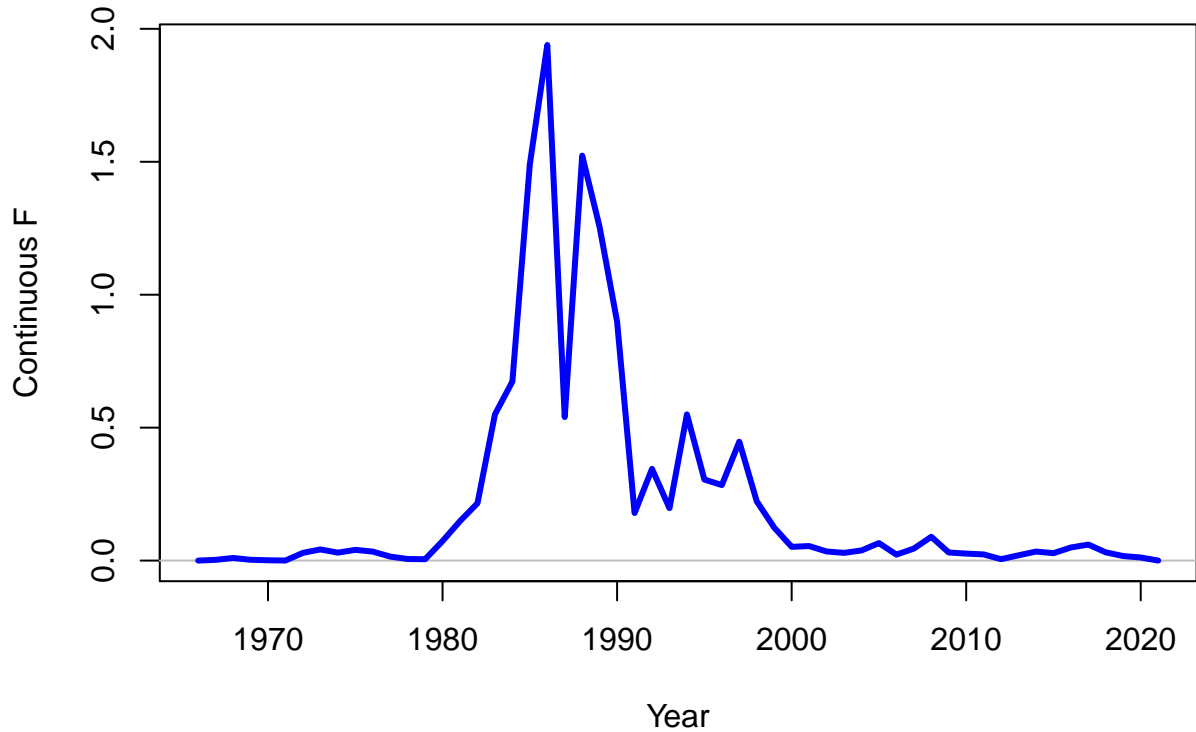




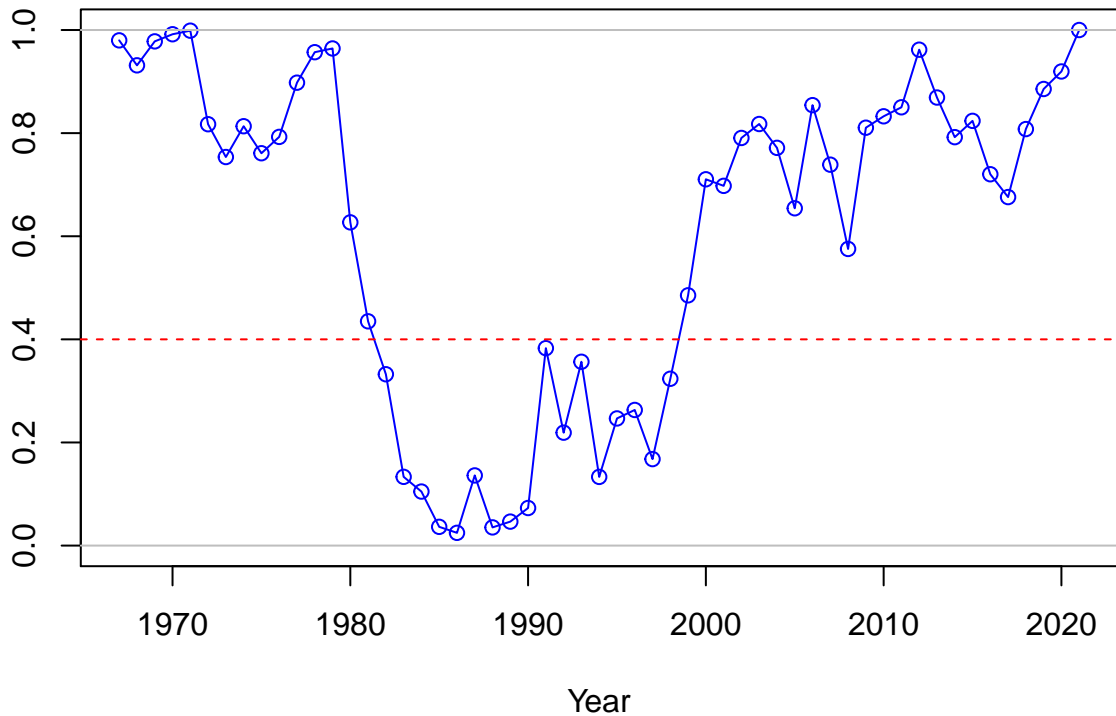




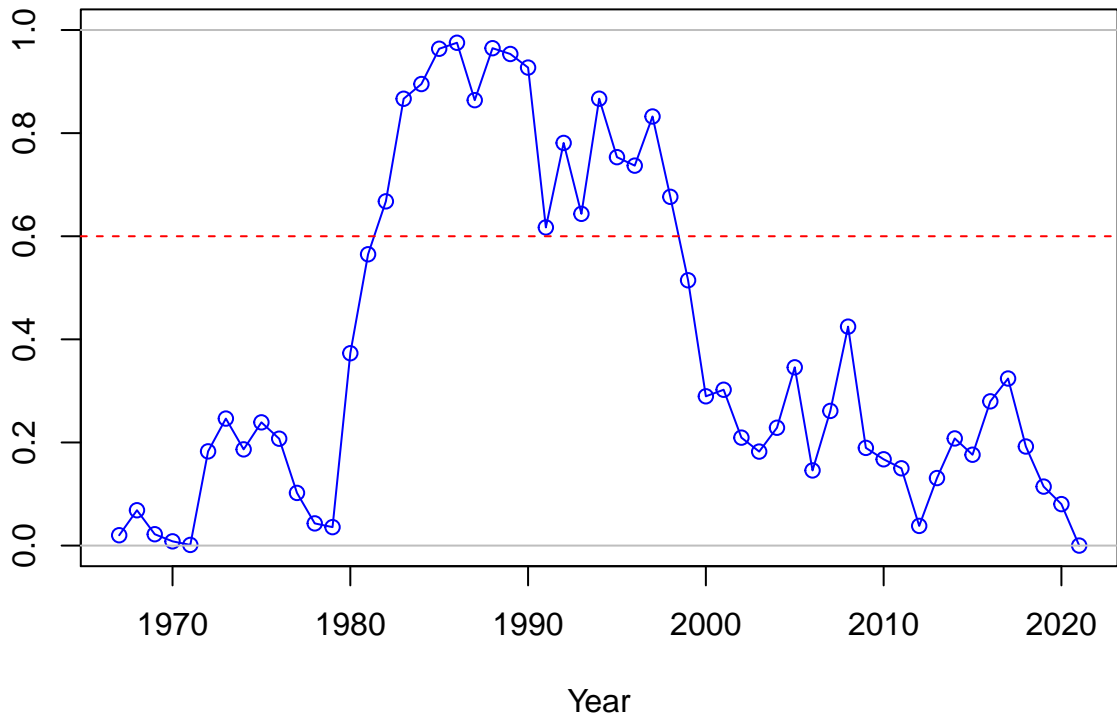




SPR

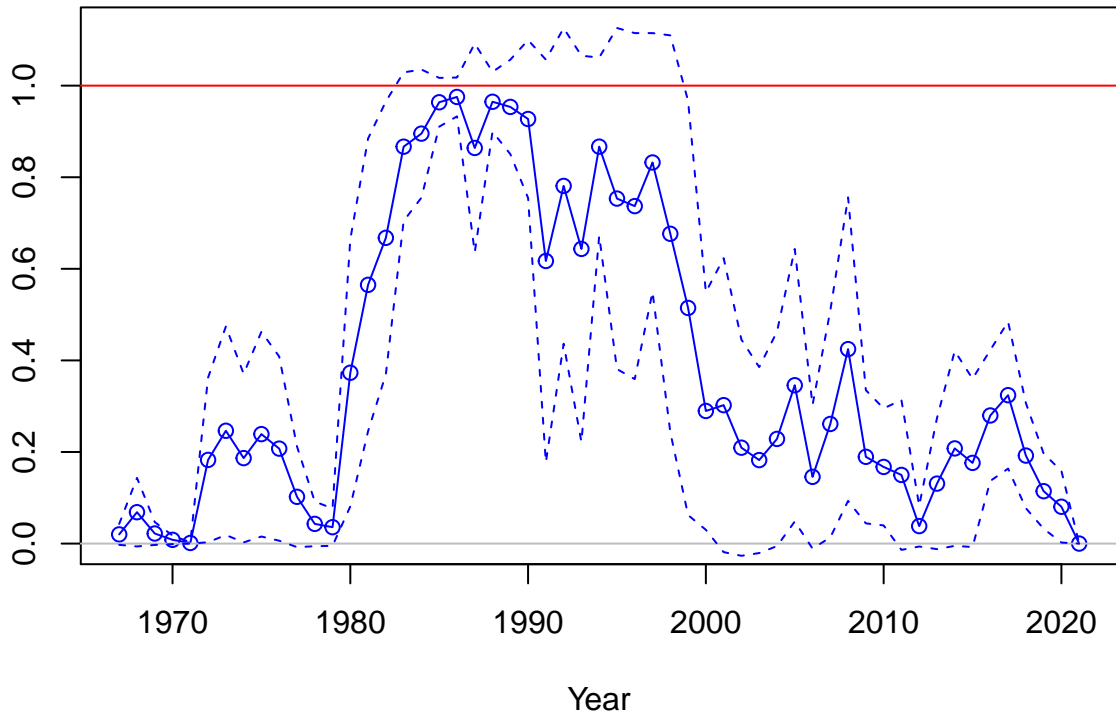


1-SPR

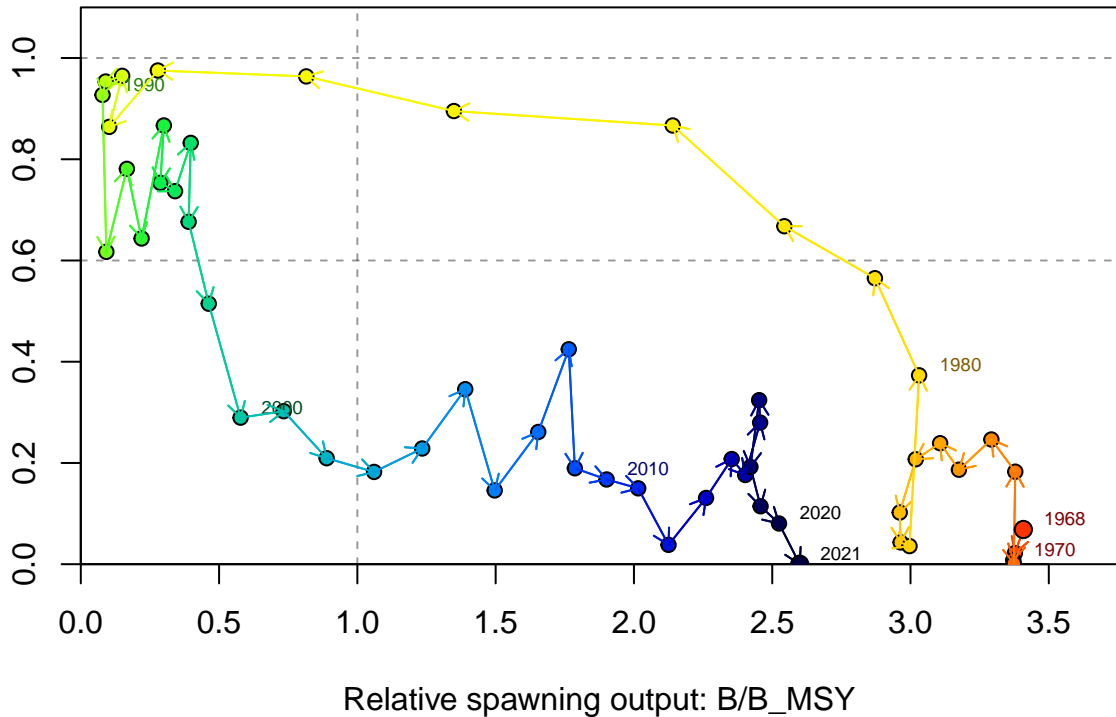




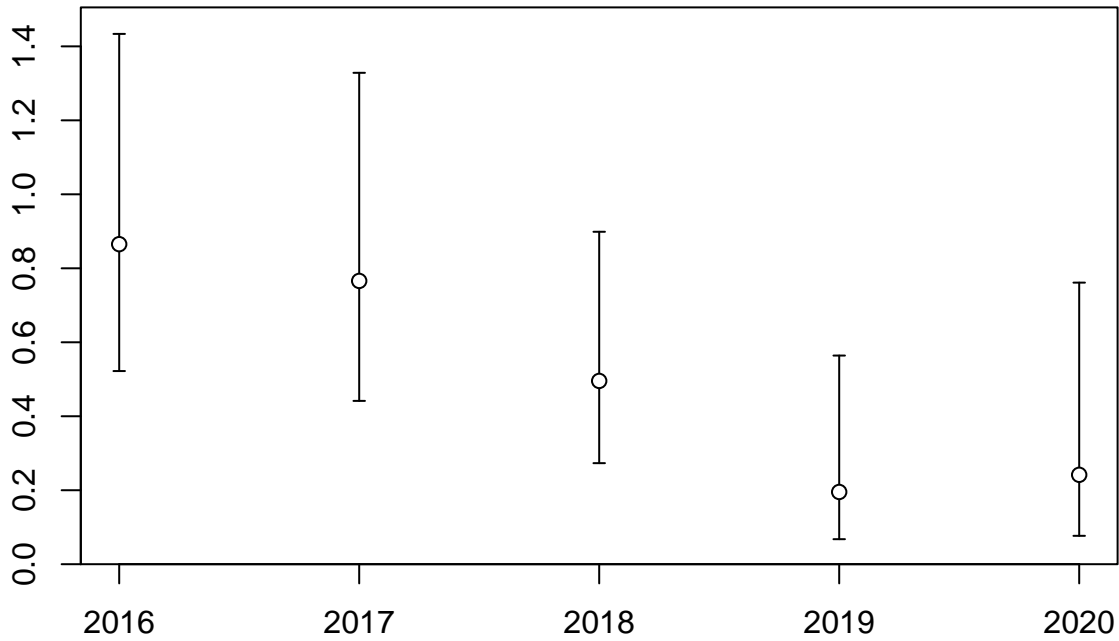
Fishing intensity: 1-SPR



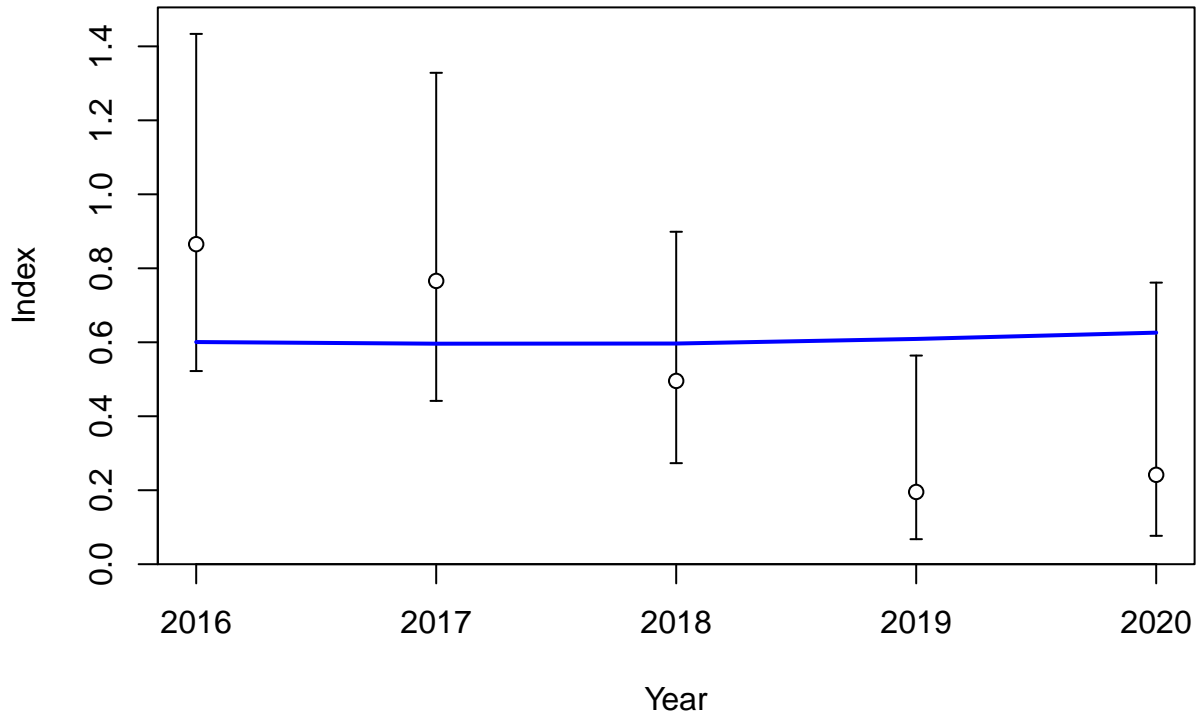
Fishing intensity: 1-SPR

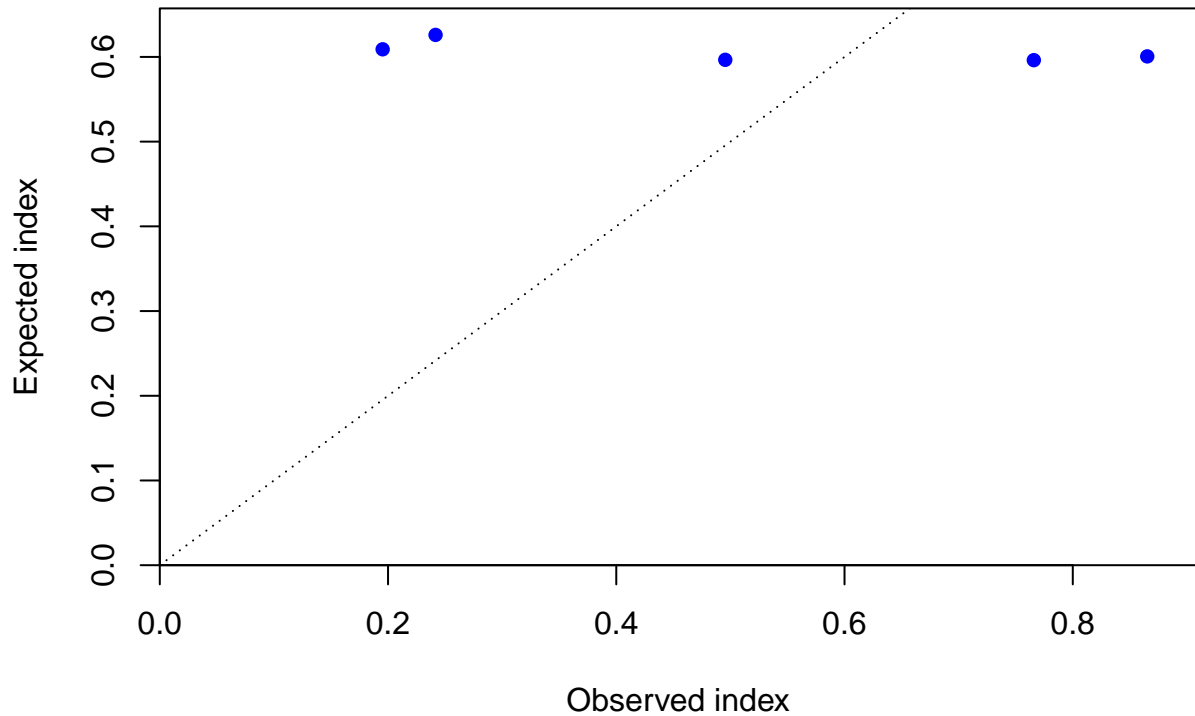


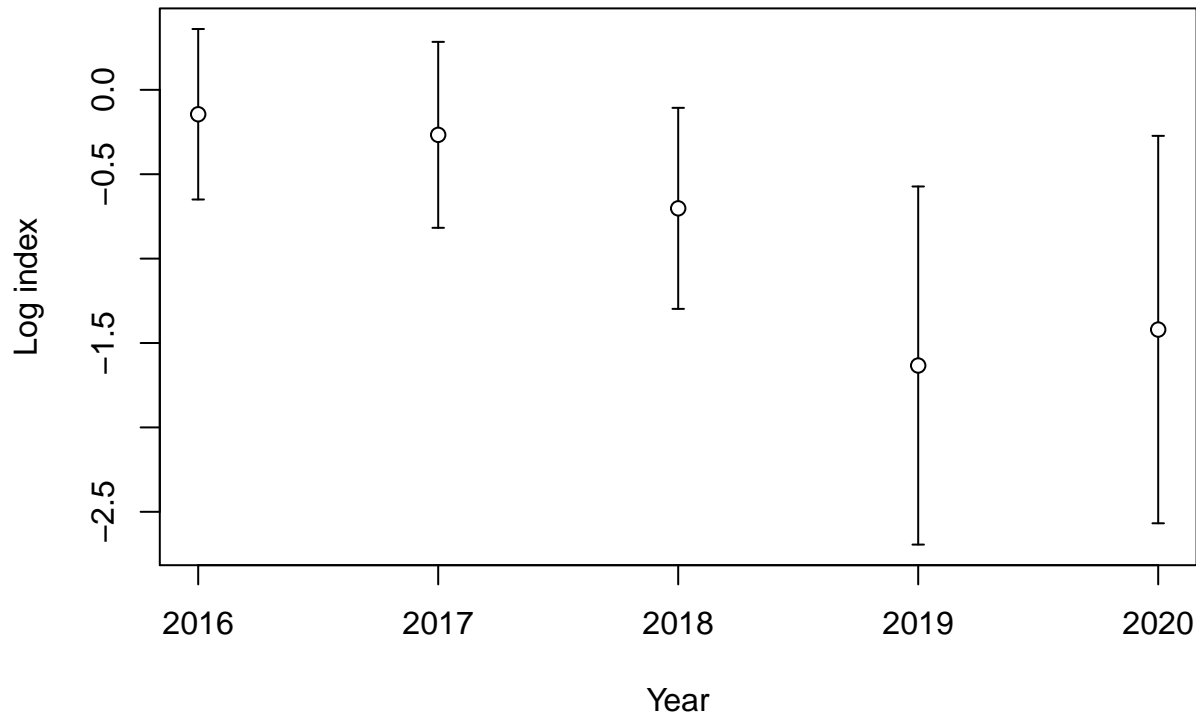
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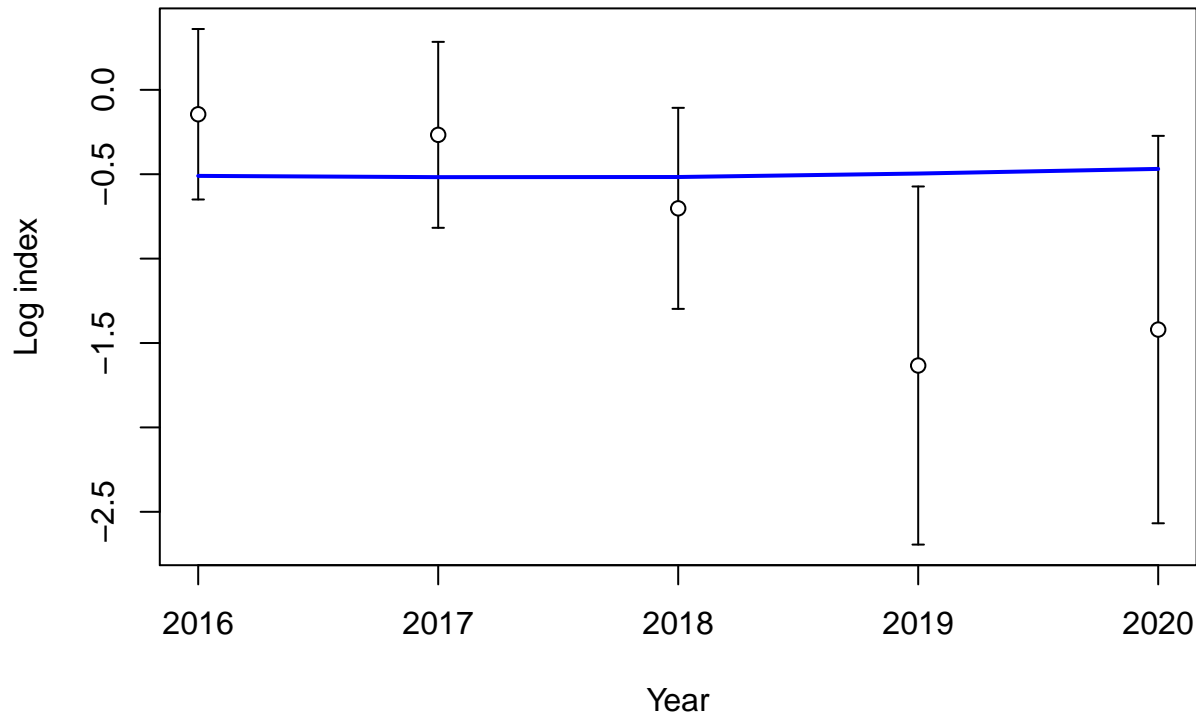


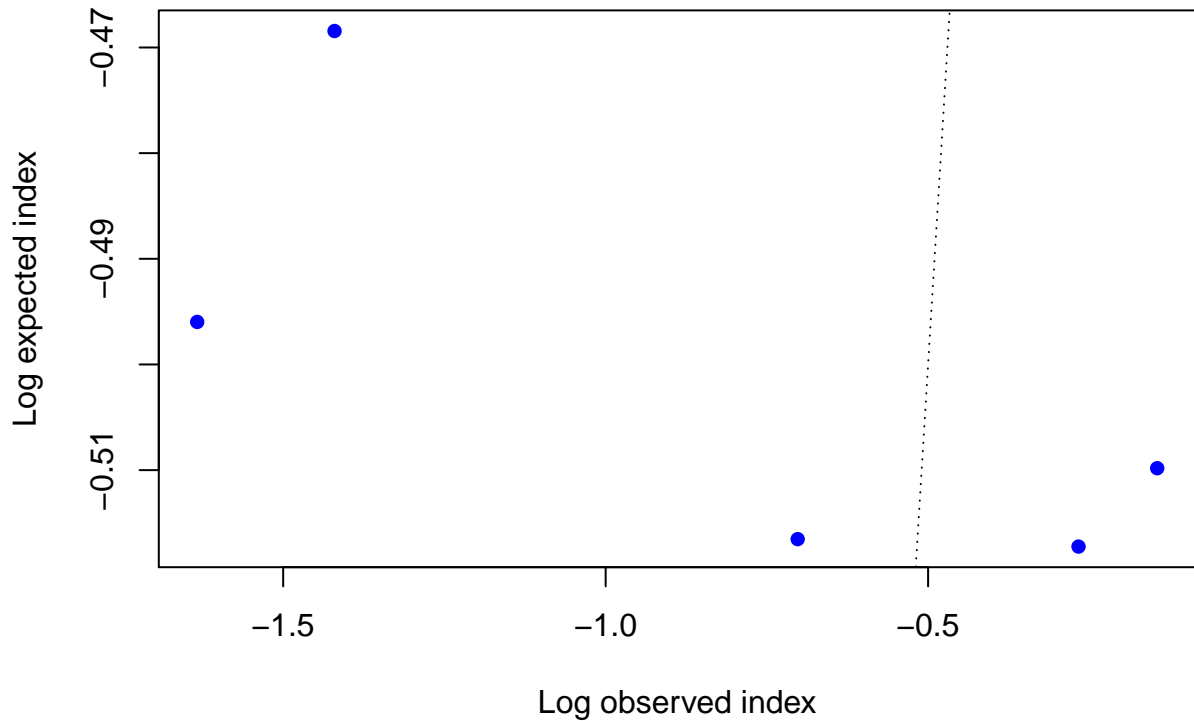
Year





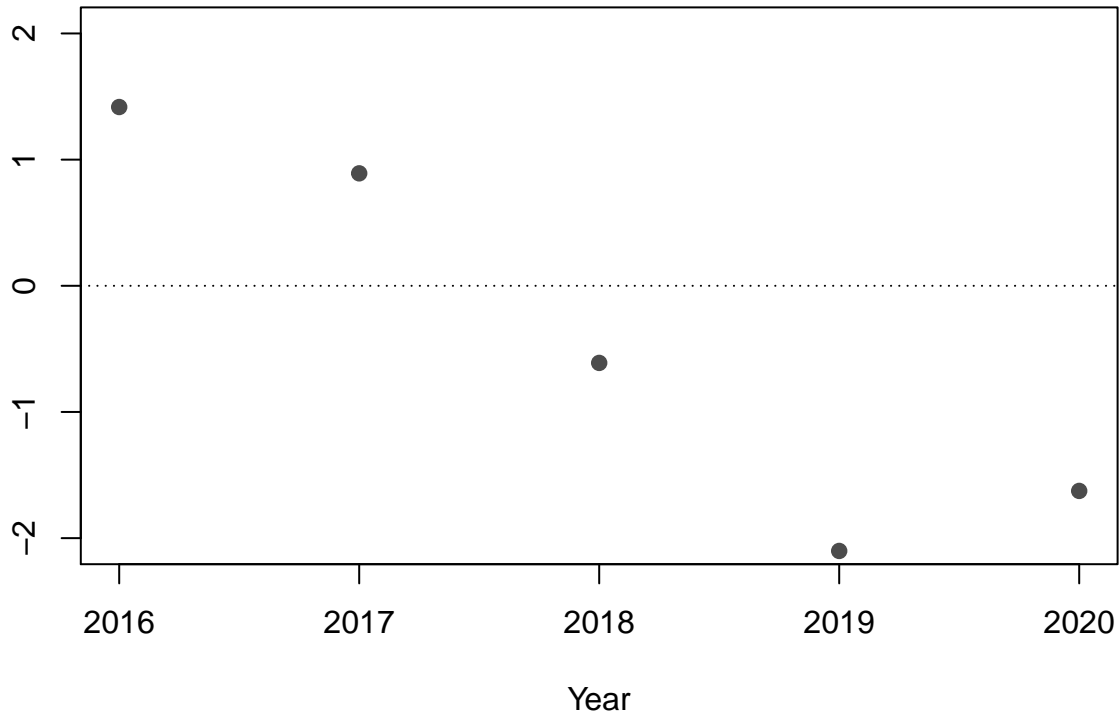


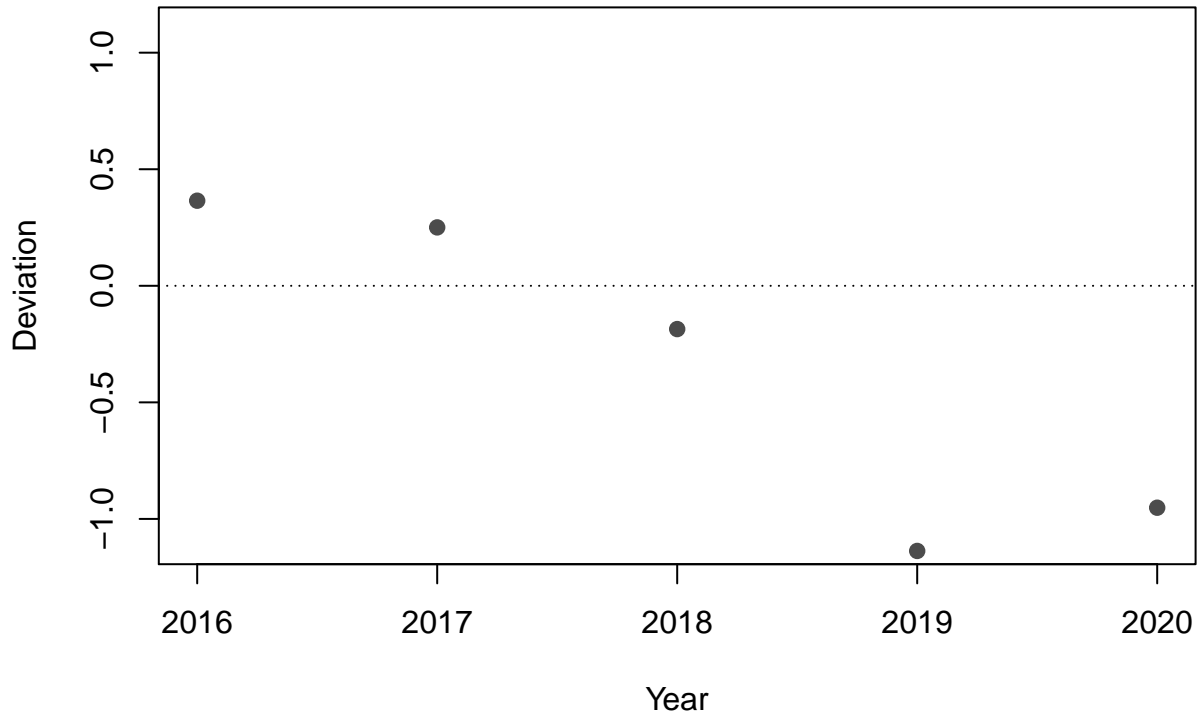




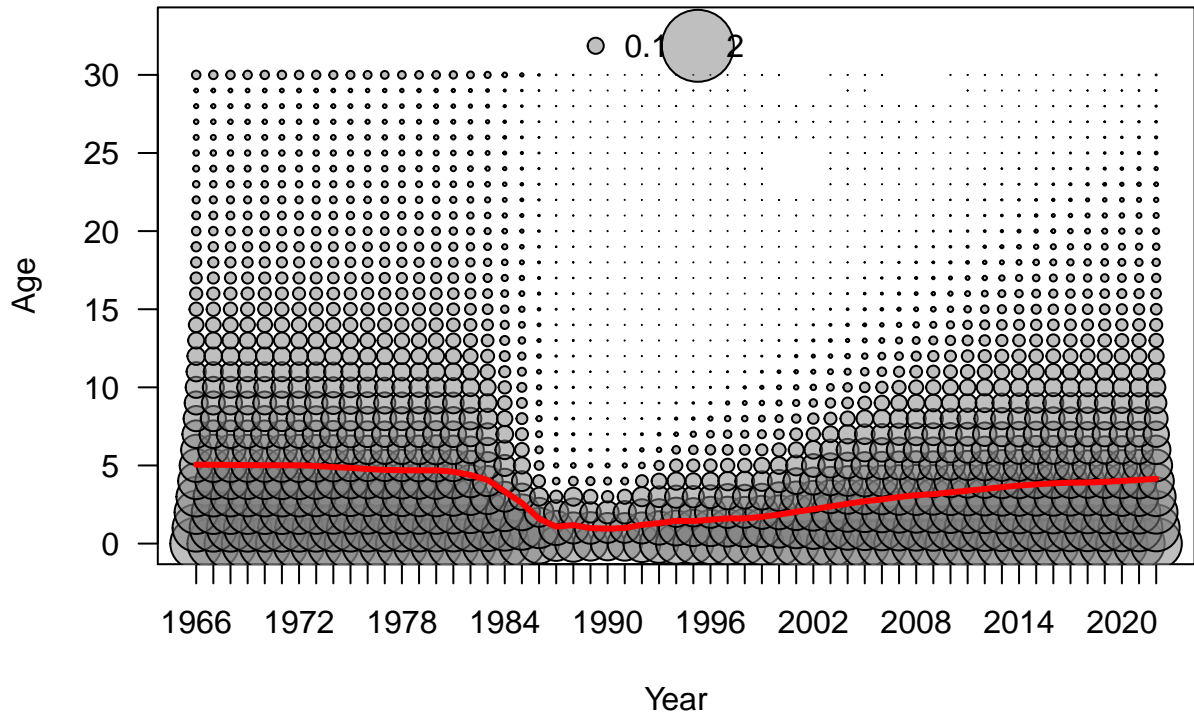


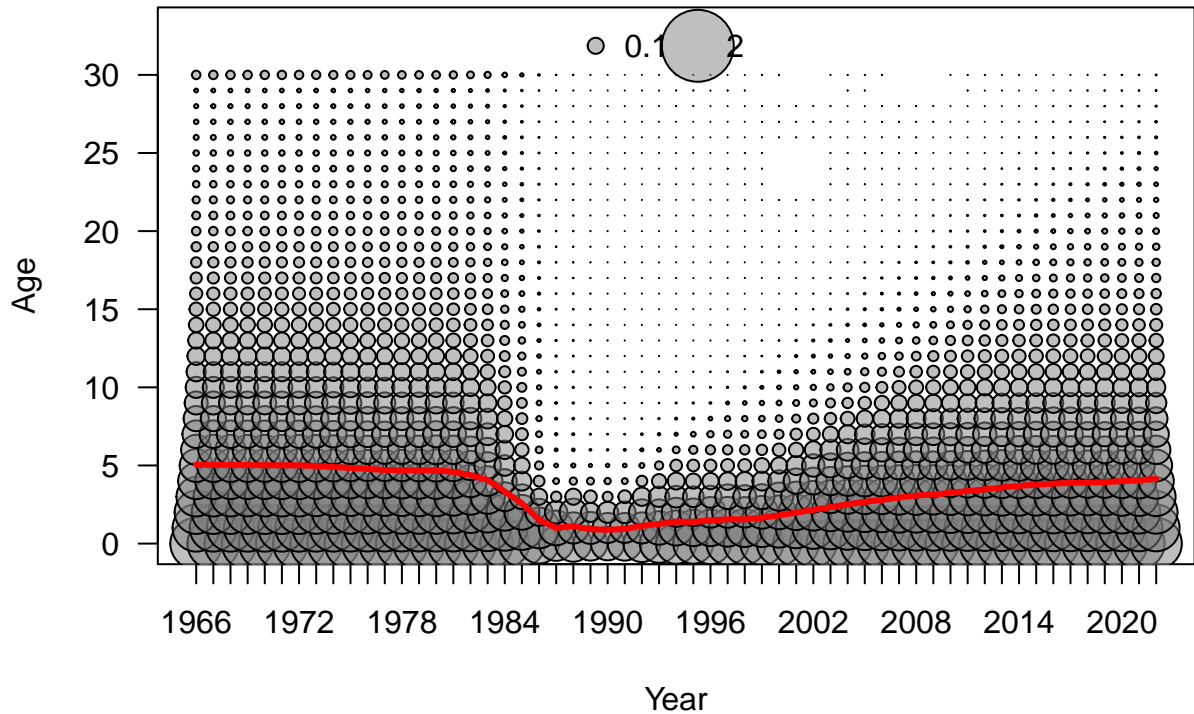
Residual

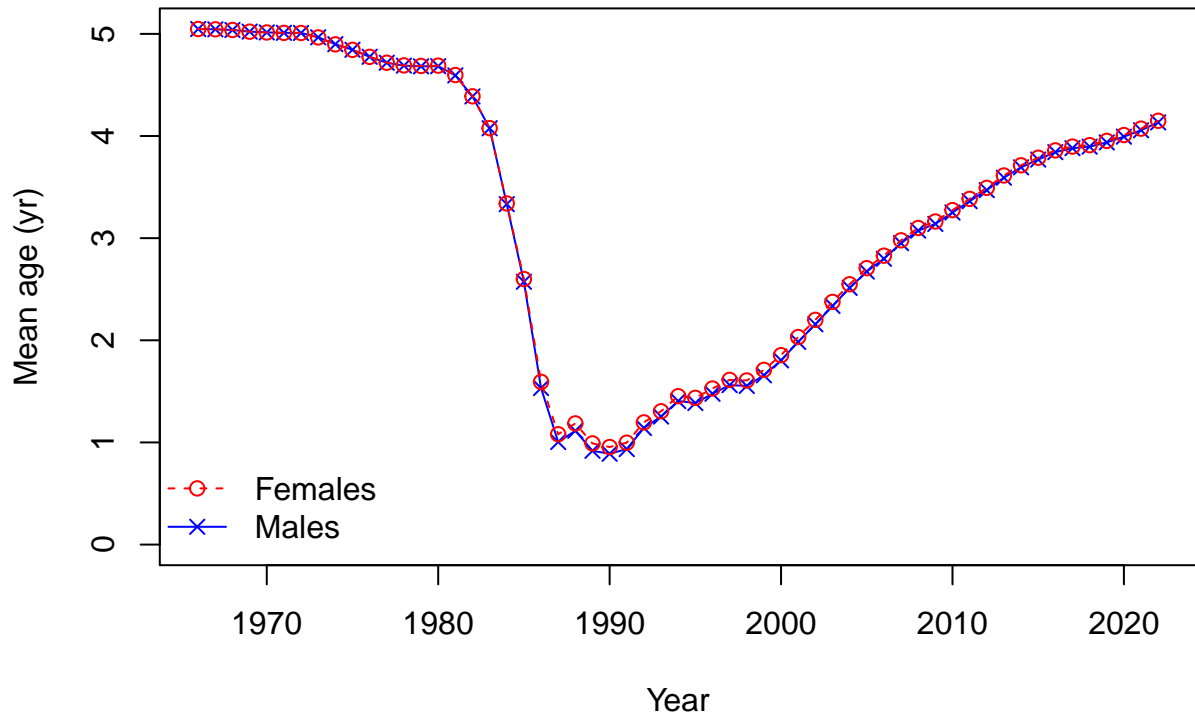


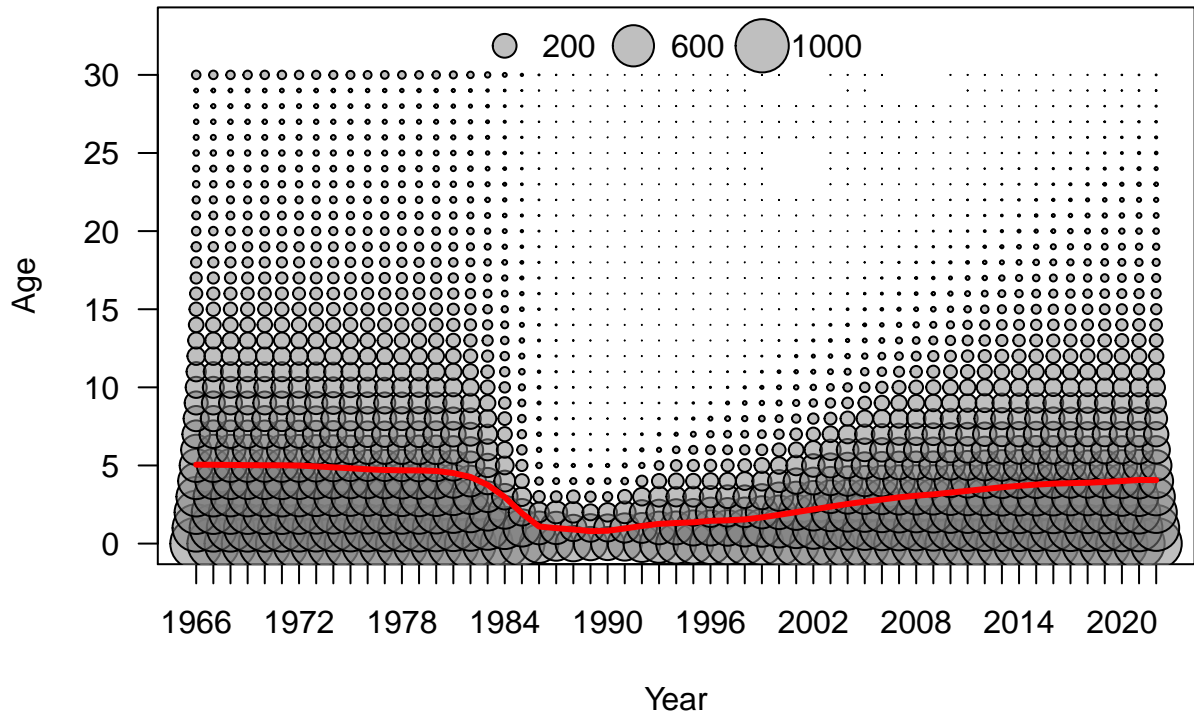


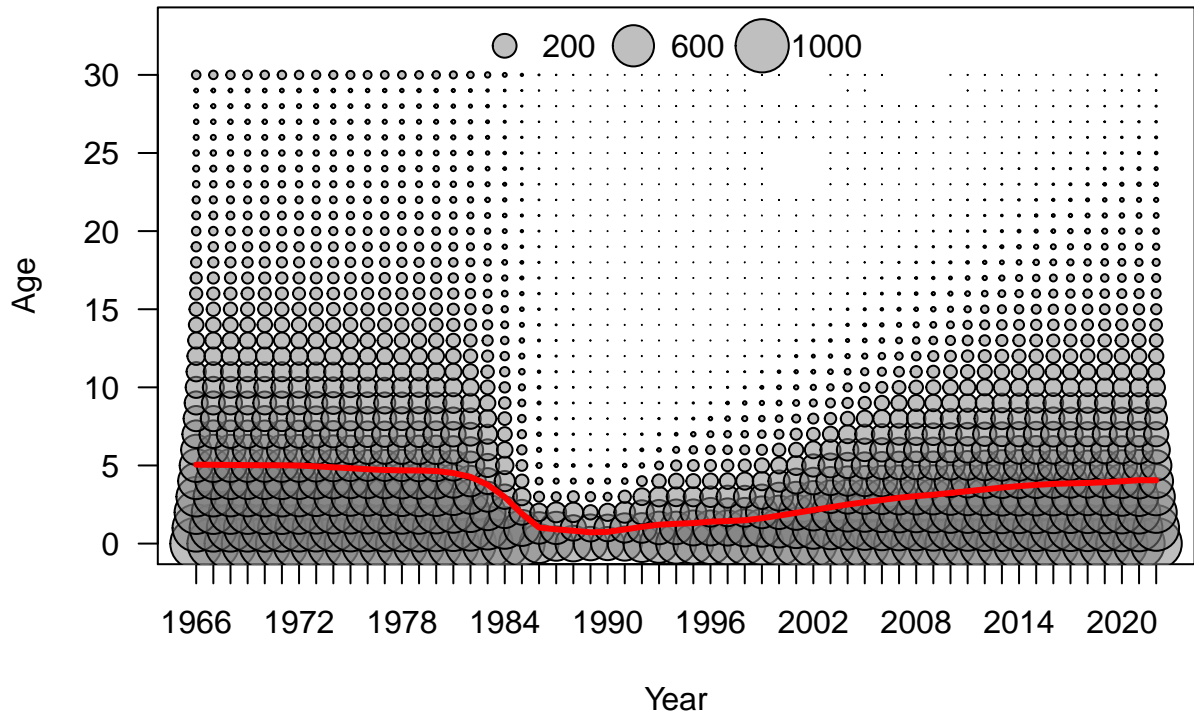




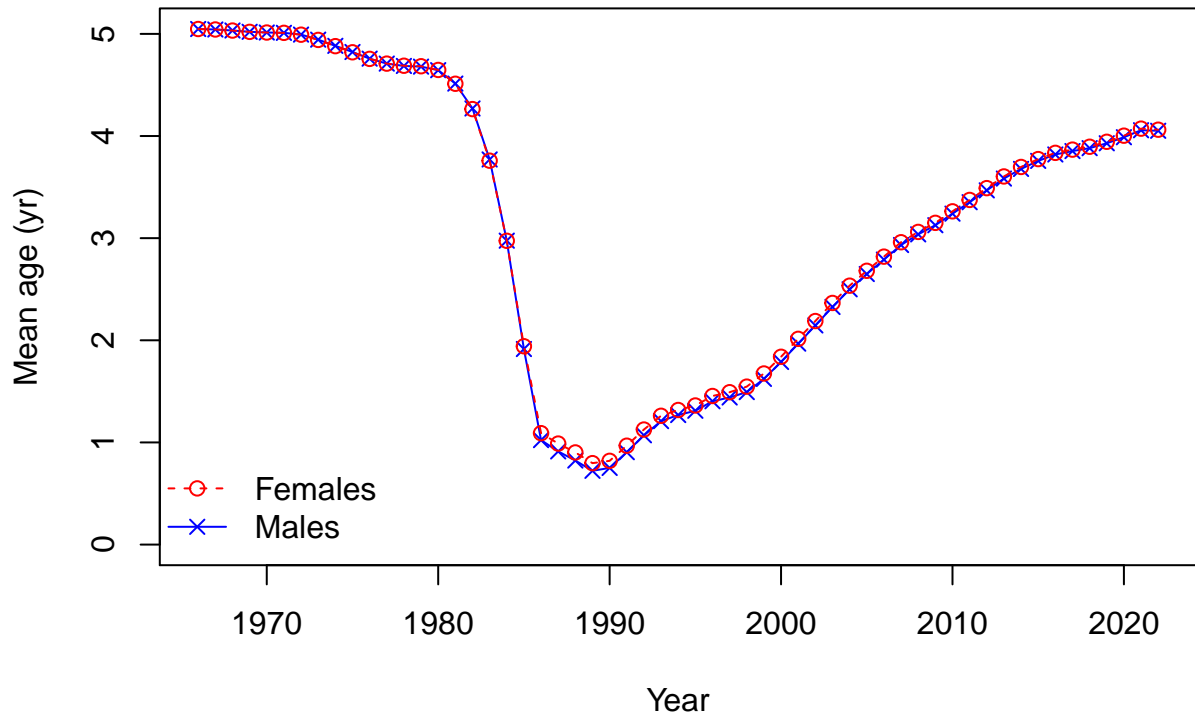


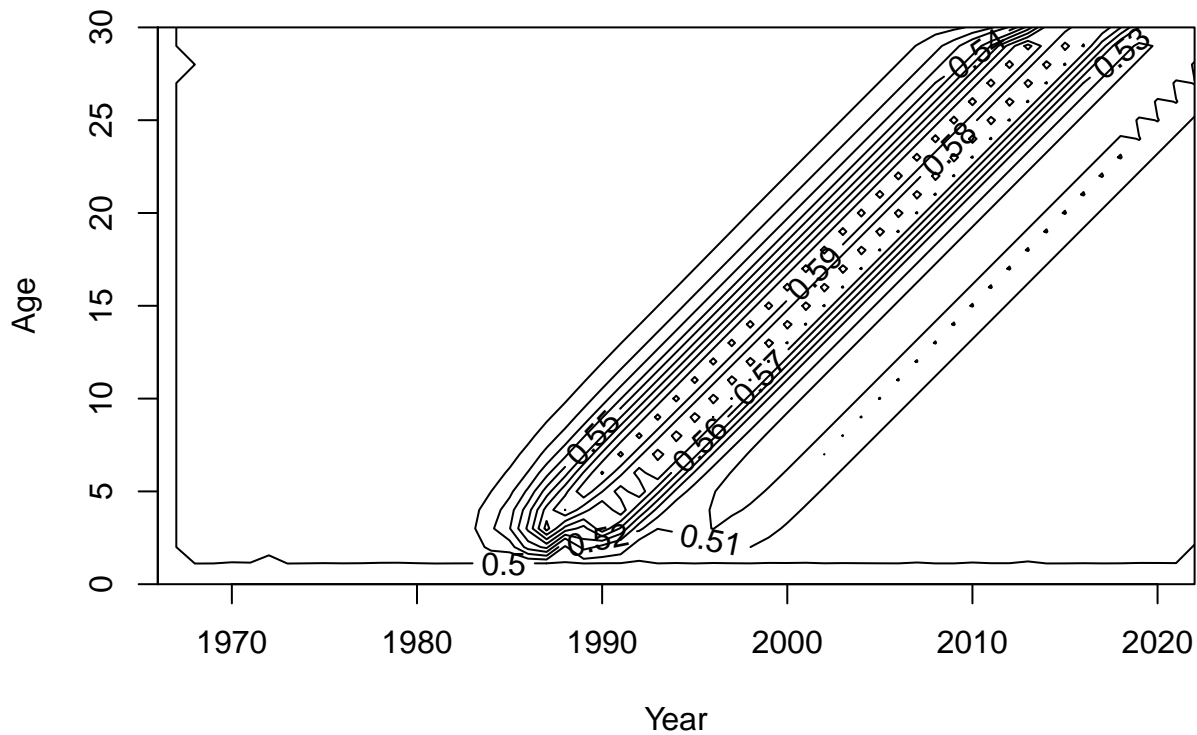


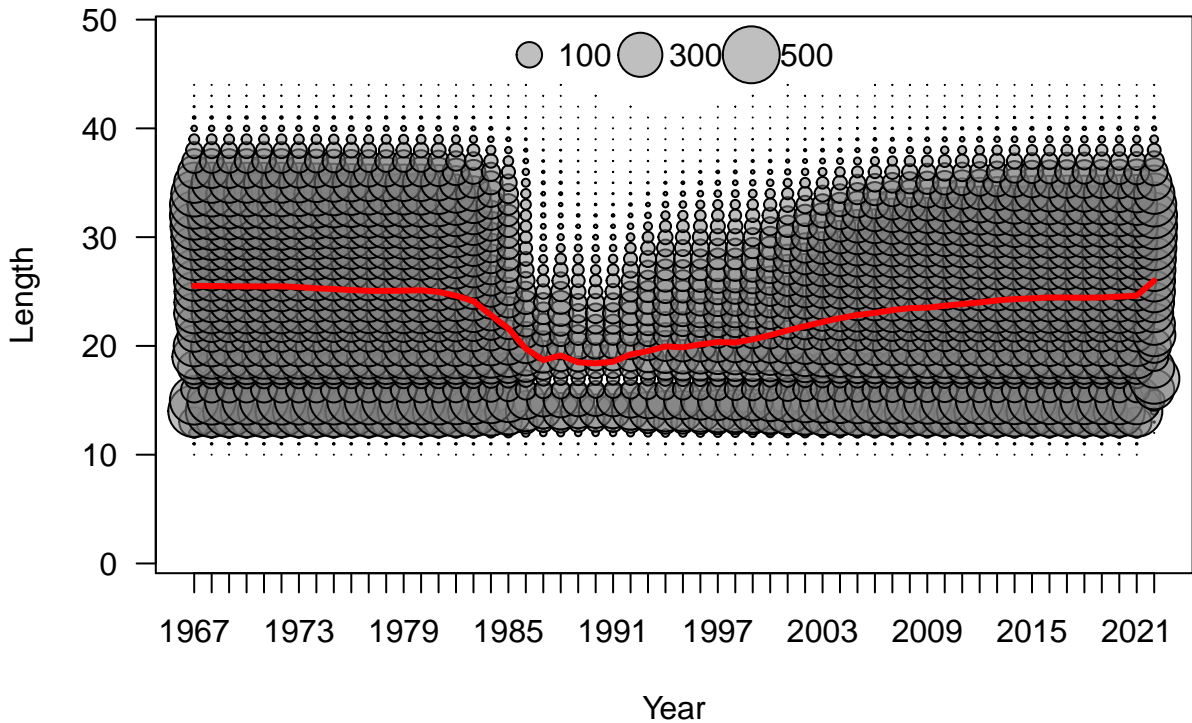


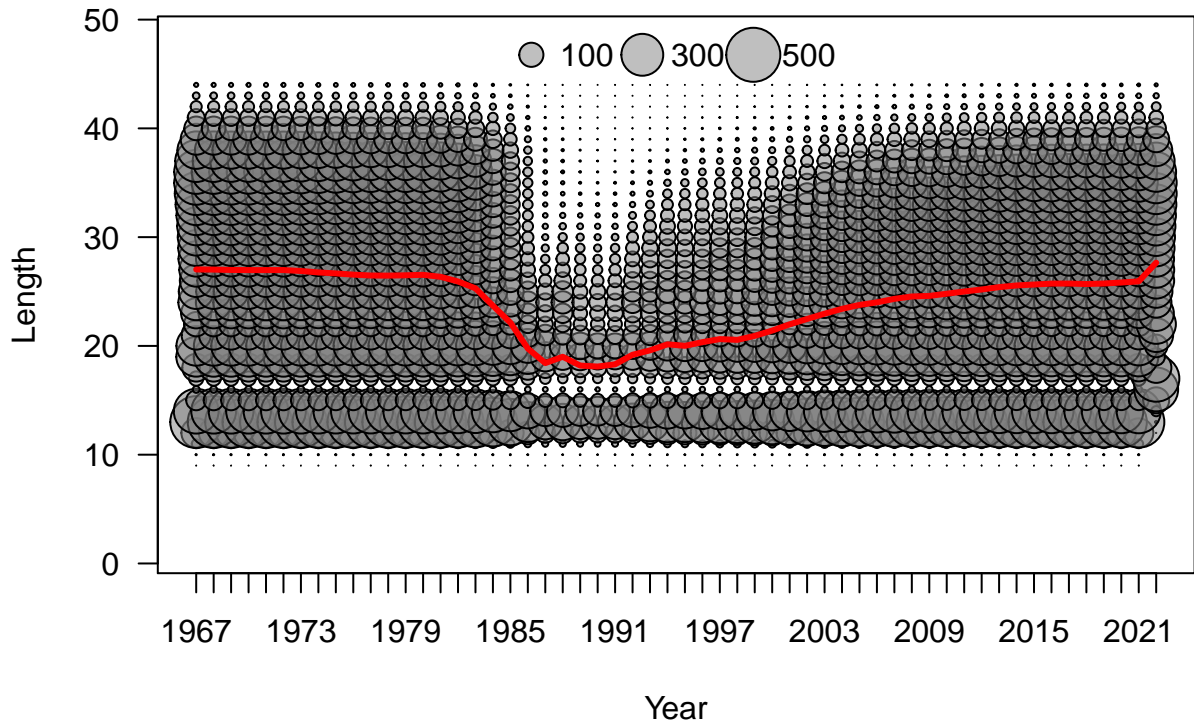


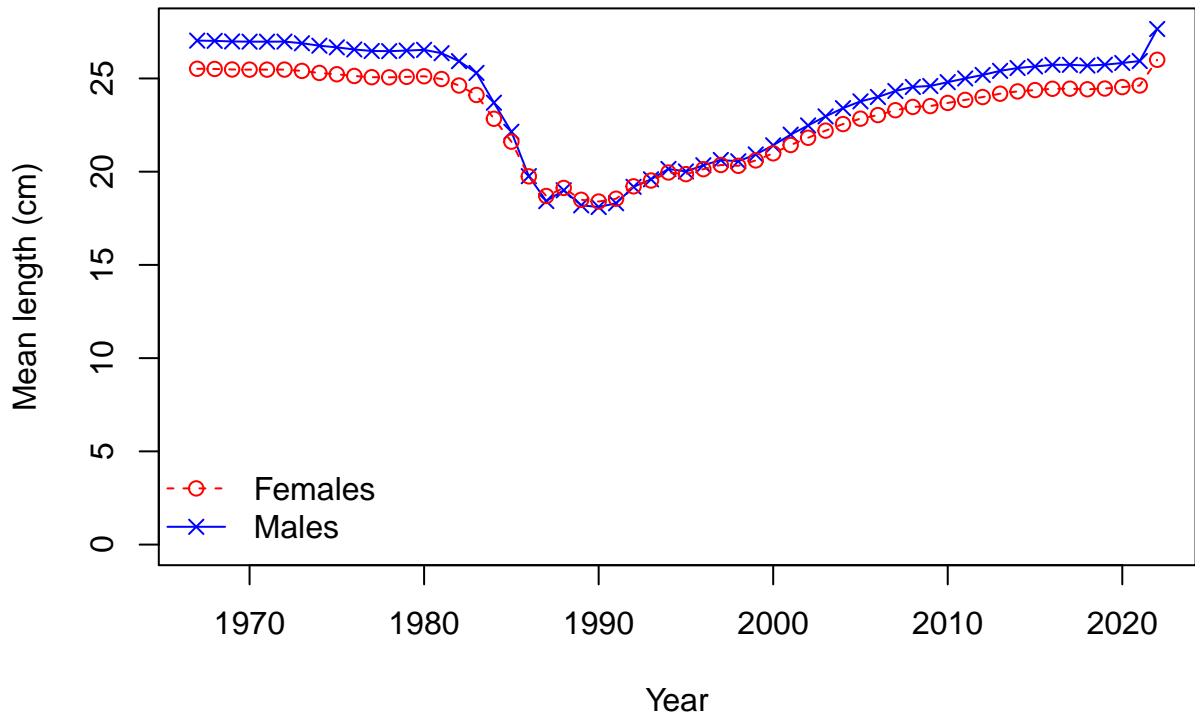


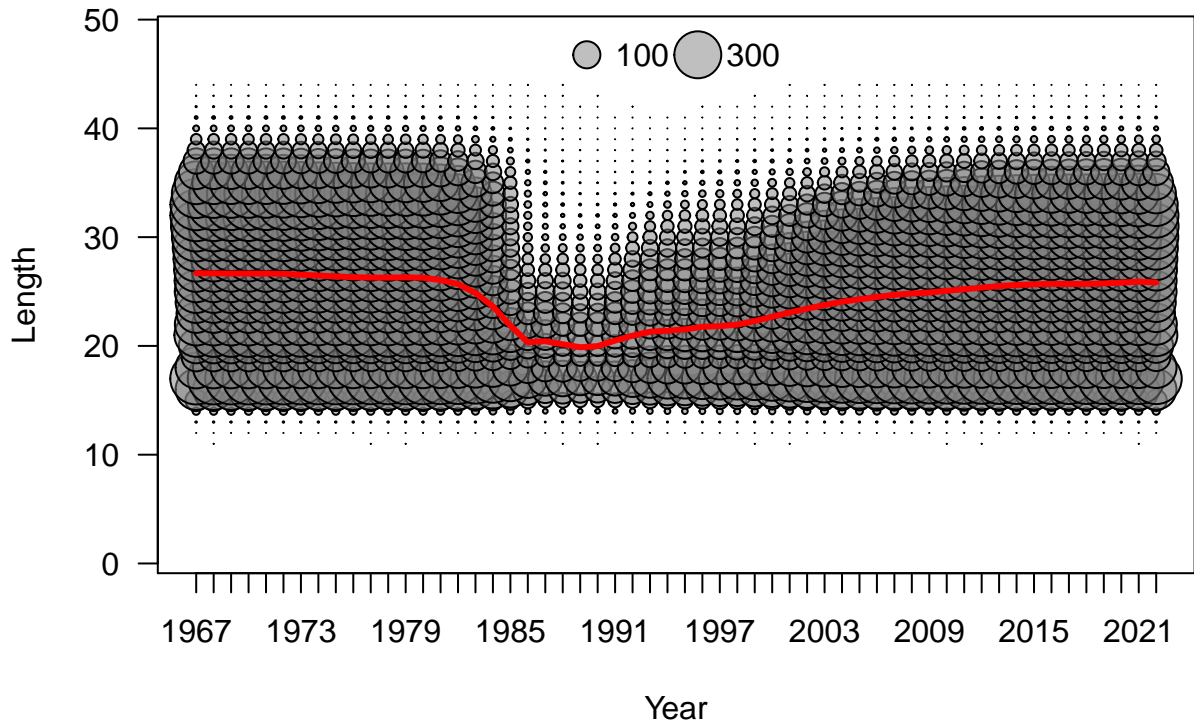


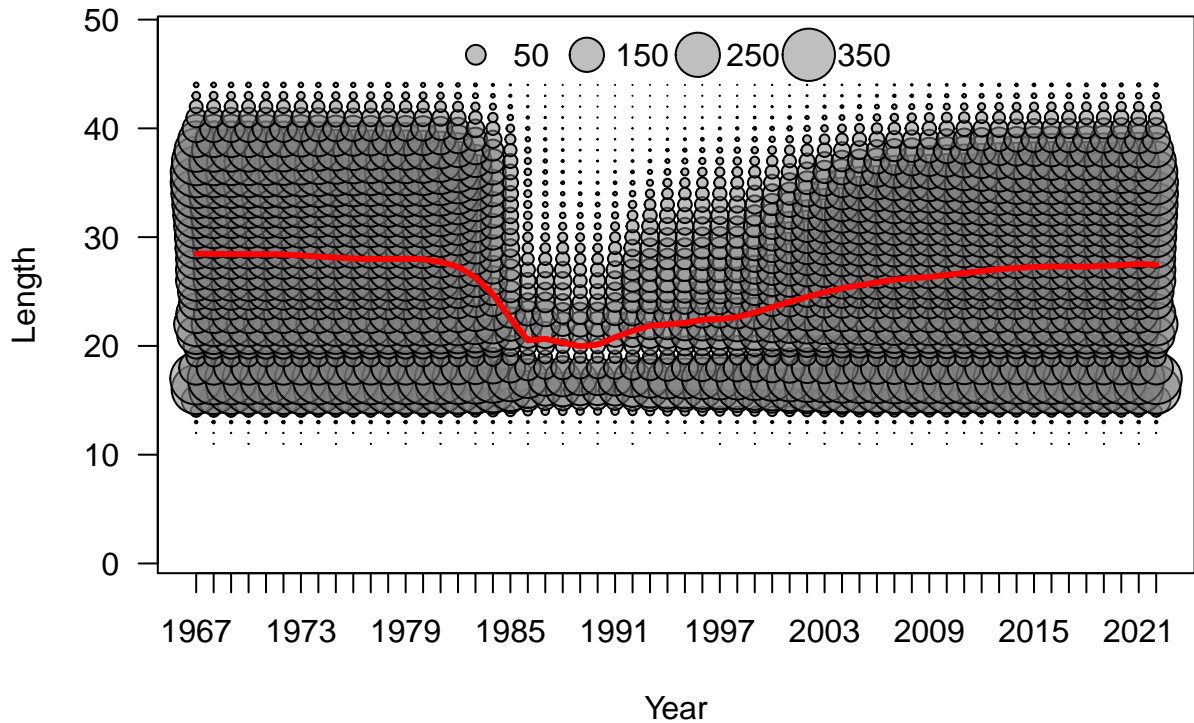


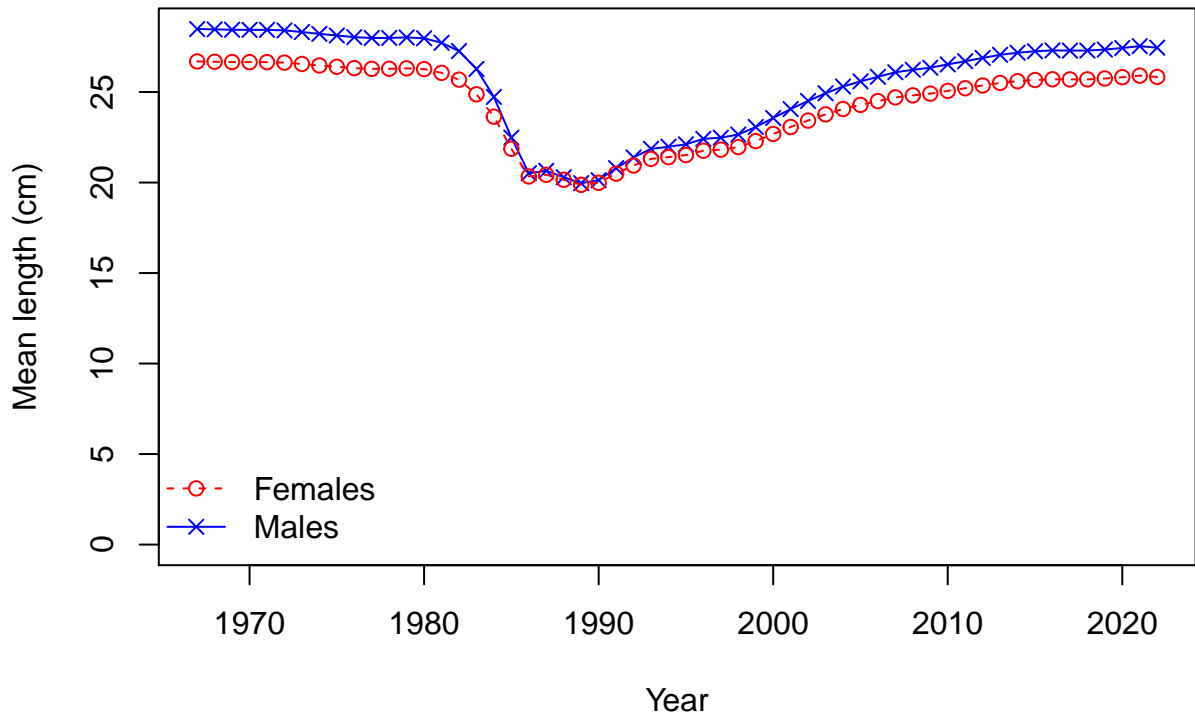






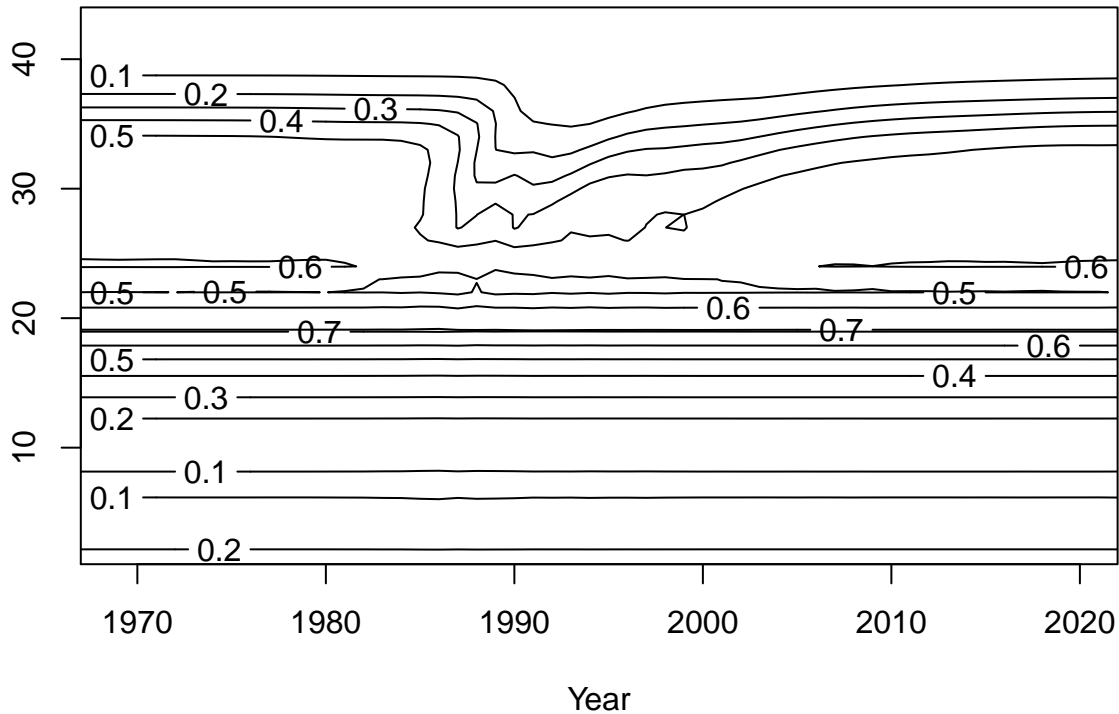


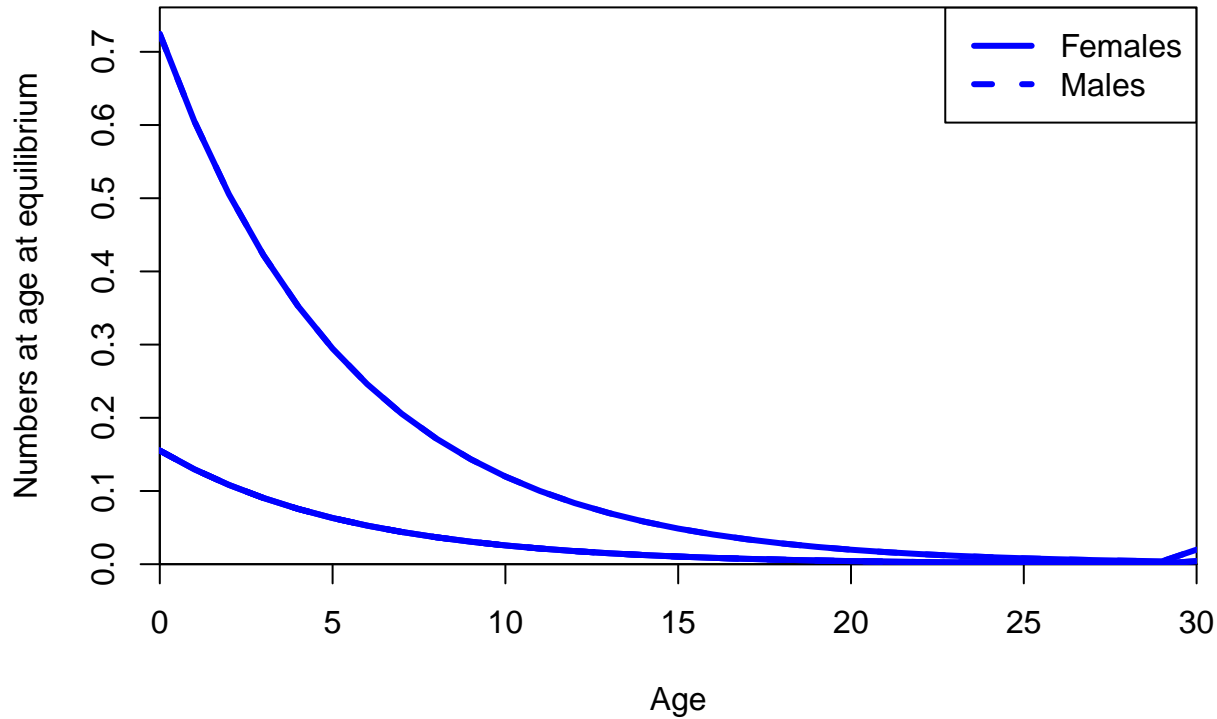






Length





# FISHERY

Sum of N adj.=308

Proportion

0.15  
0.10  
0.05  
0.00

15

20

25

30

35

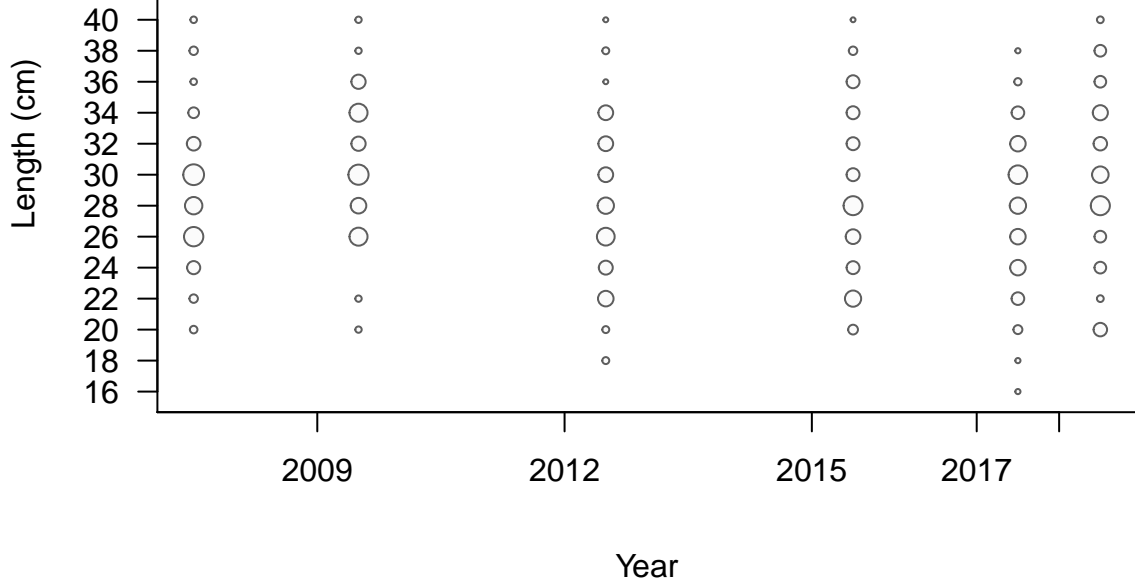
40

Length (cm)

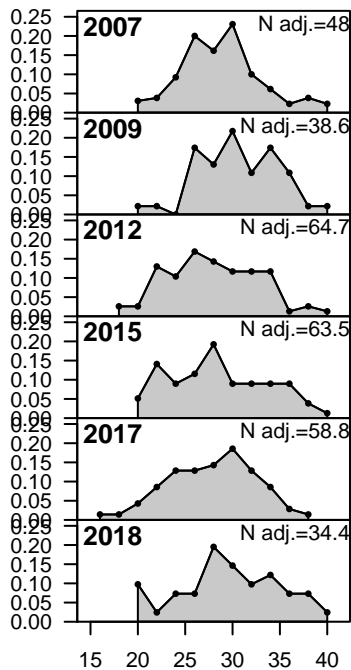


# FISHERY

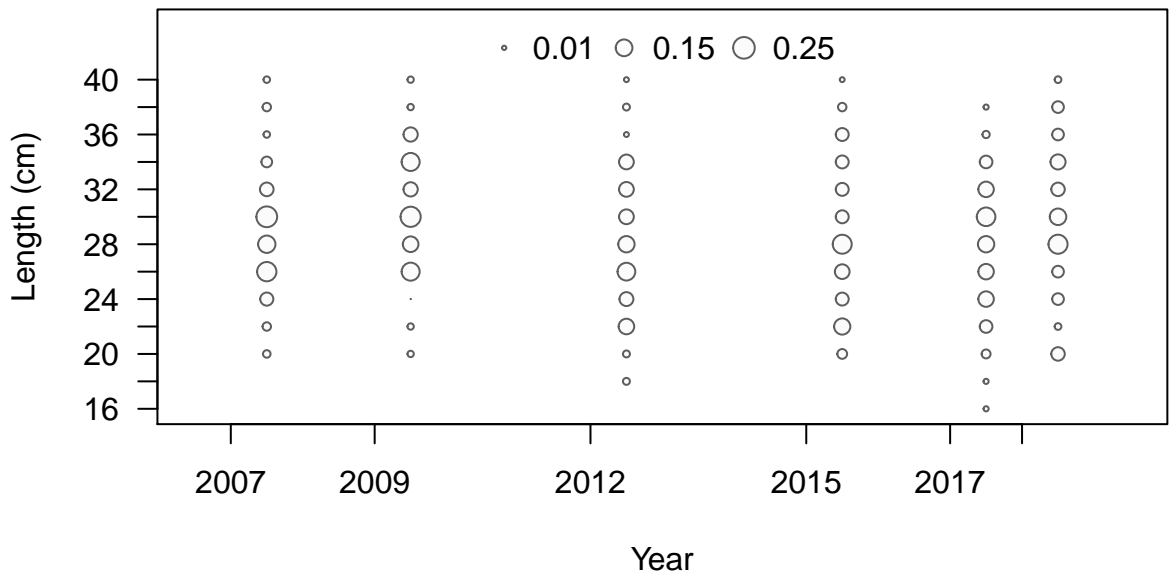
◦ 0.01 ○ 0.15 ○ 0.25



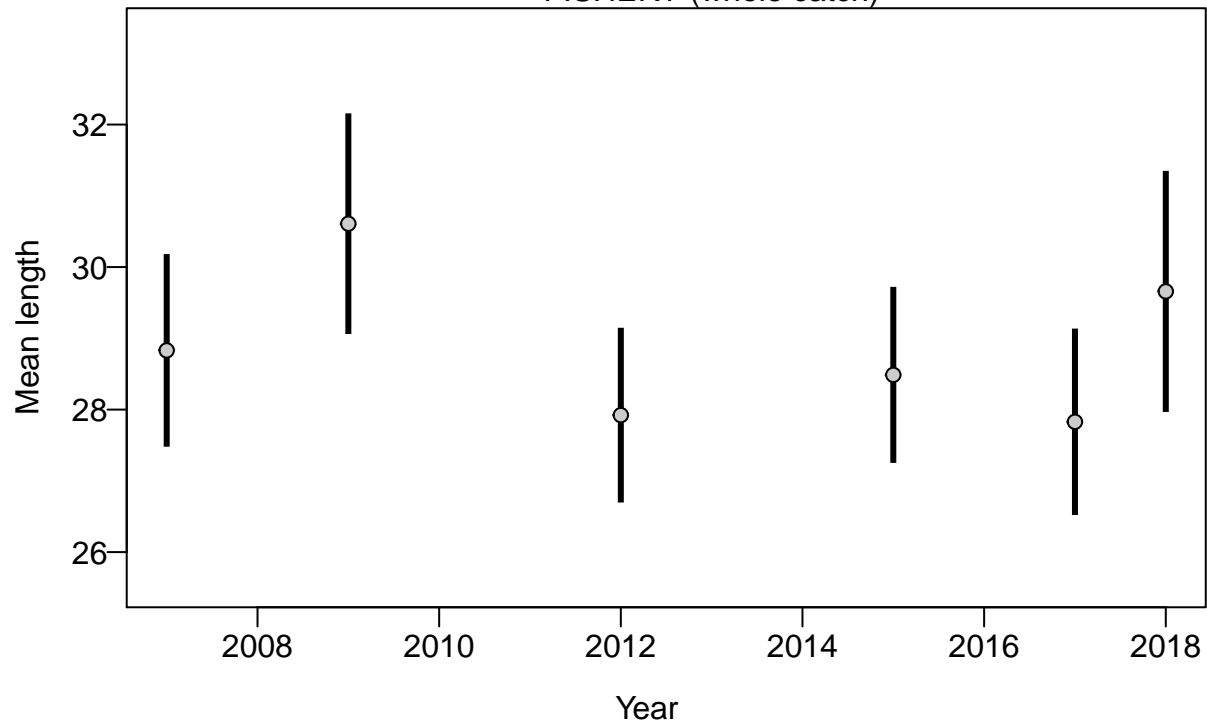
Proportion



Length (cm)

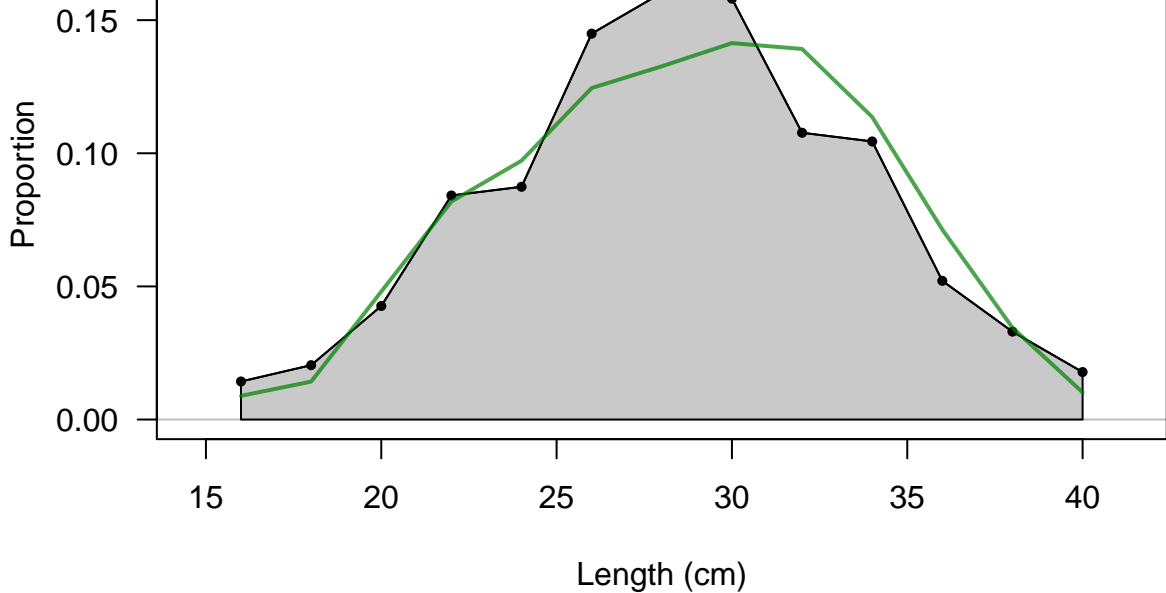


FISHERY (whole catch)

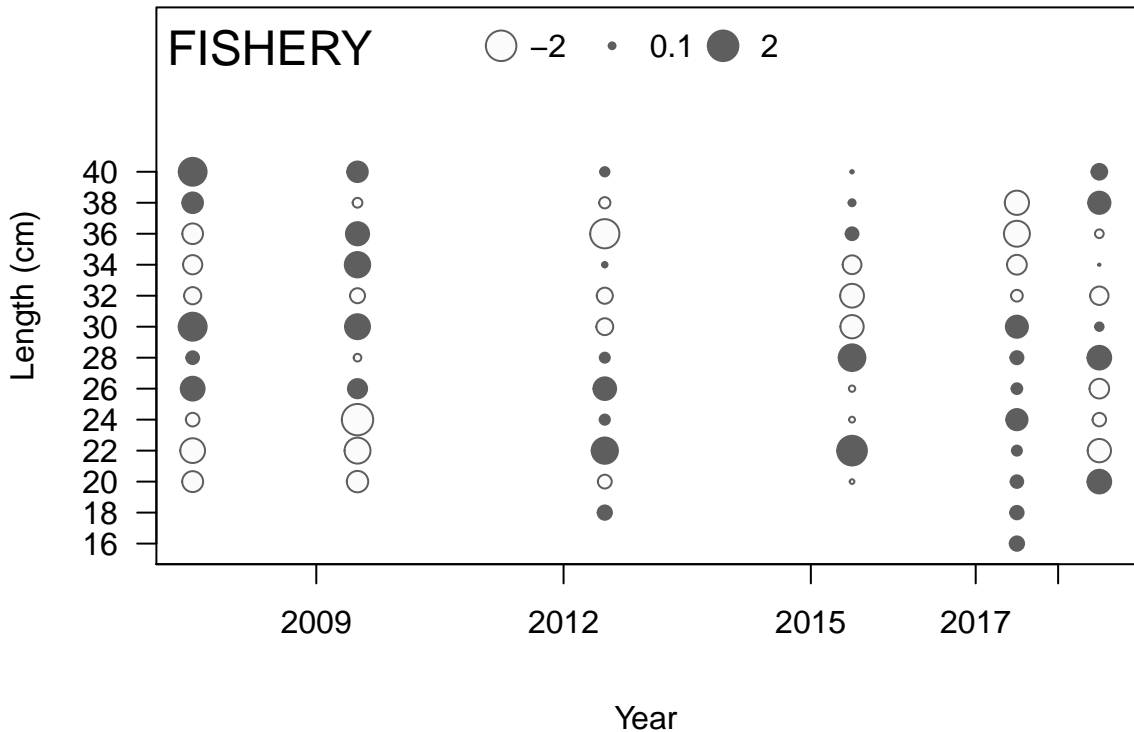


# FISHERY

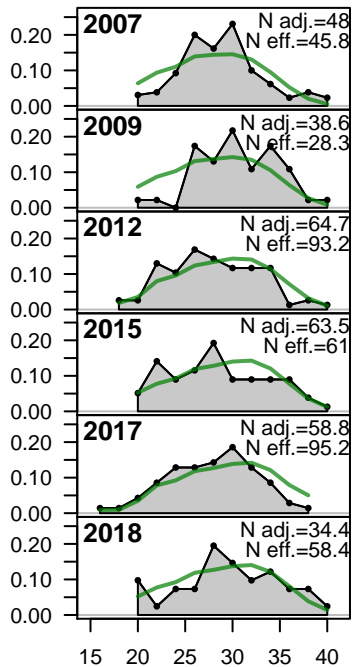
Sum of N adj.=308  
Sum of N eff.=382.1



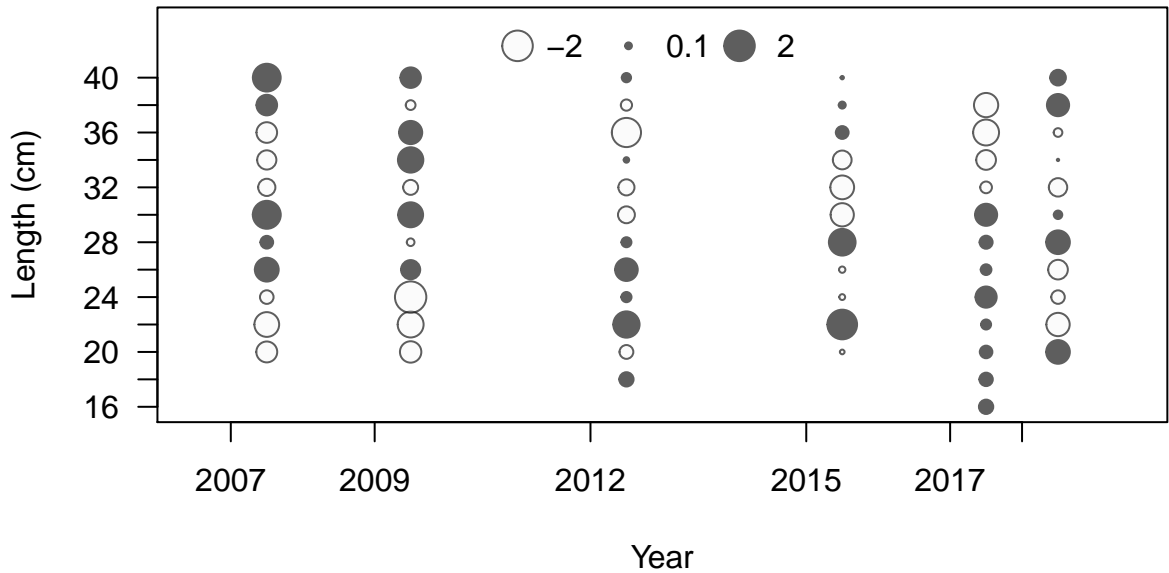




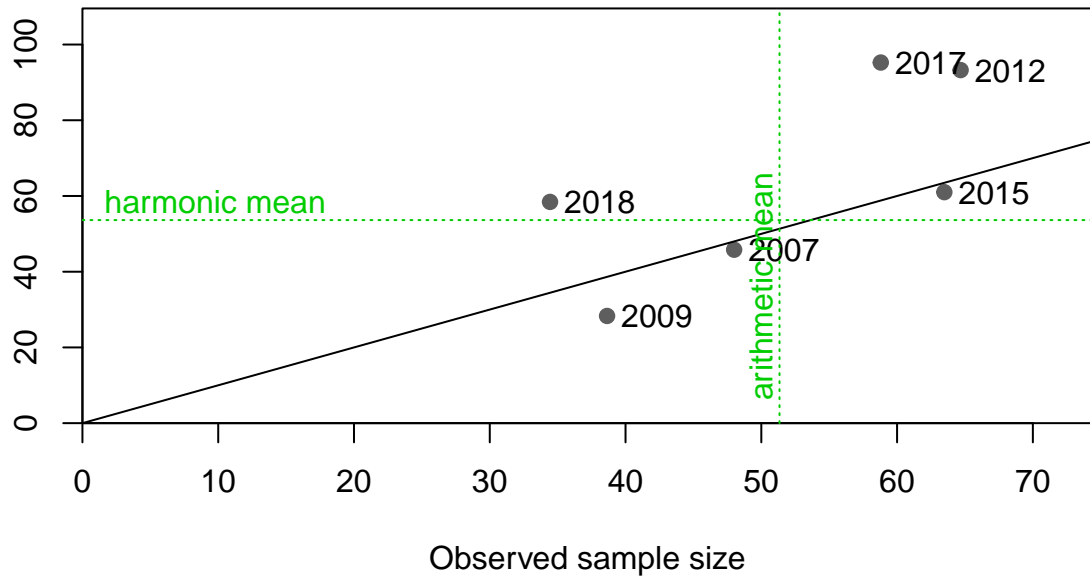
Proportion



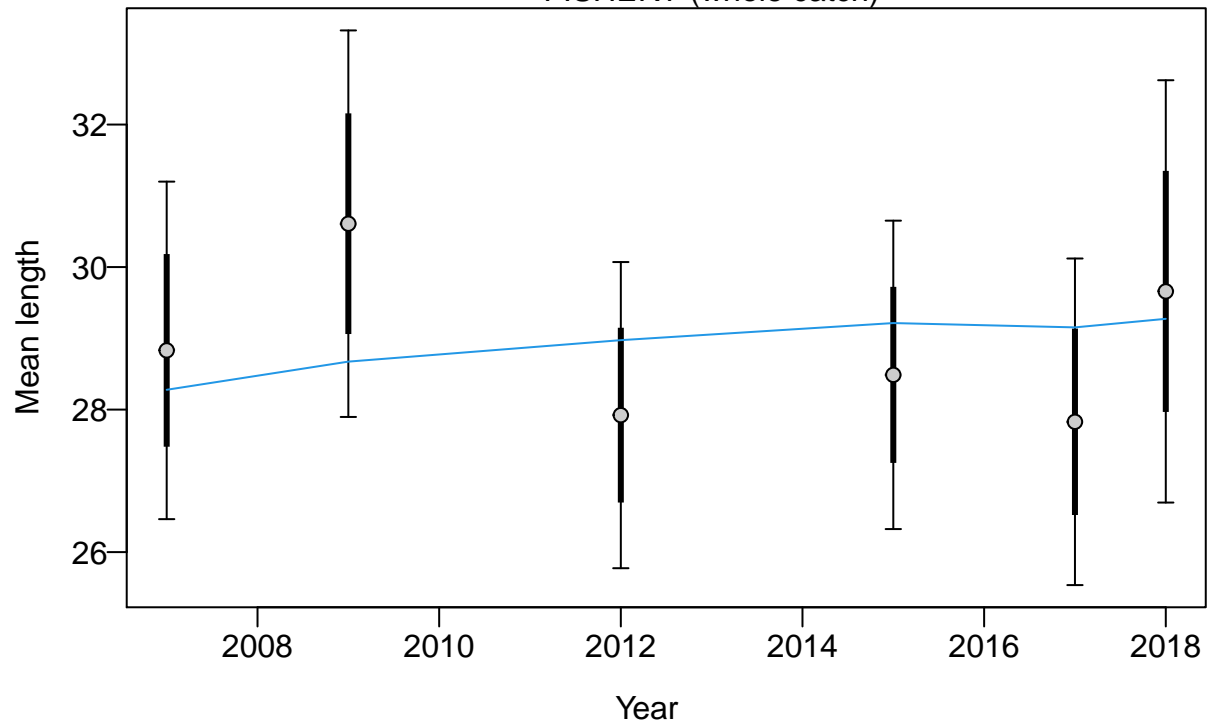
Length (cm)

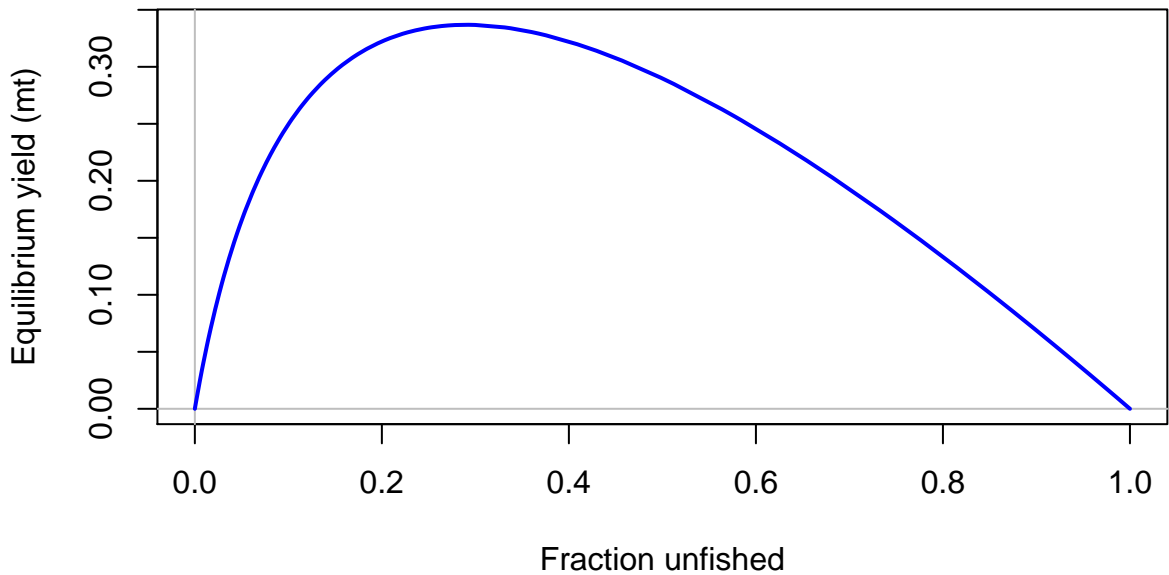


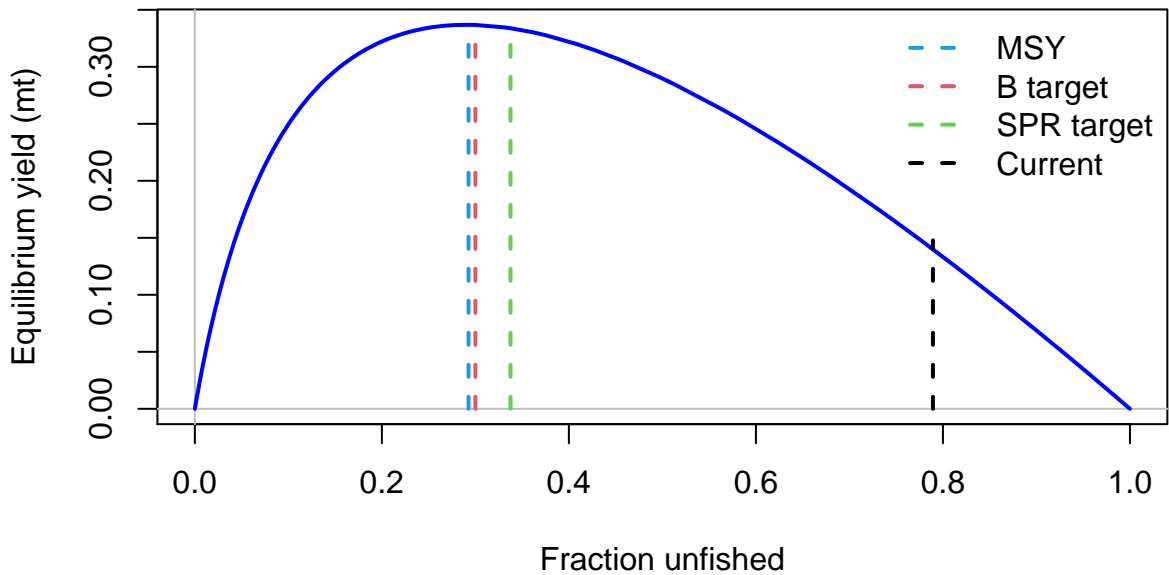
Effective sample size

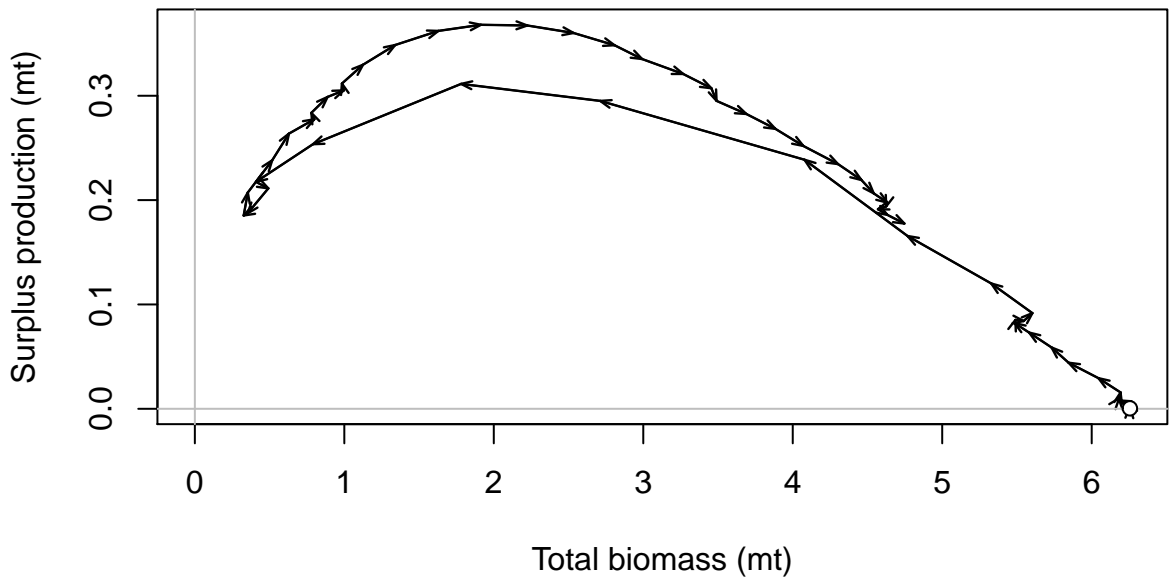


FISHERY (whole catch)

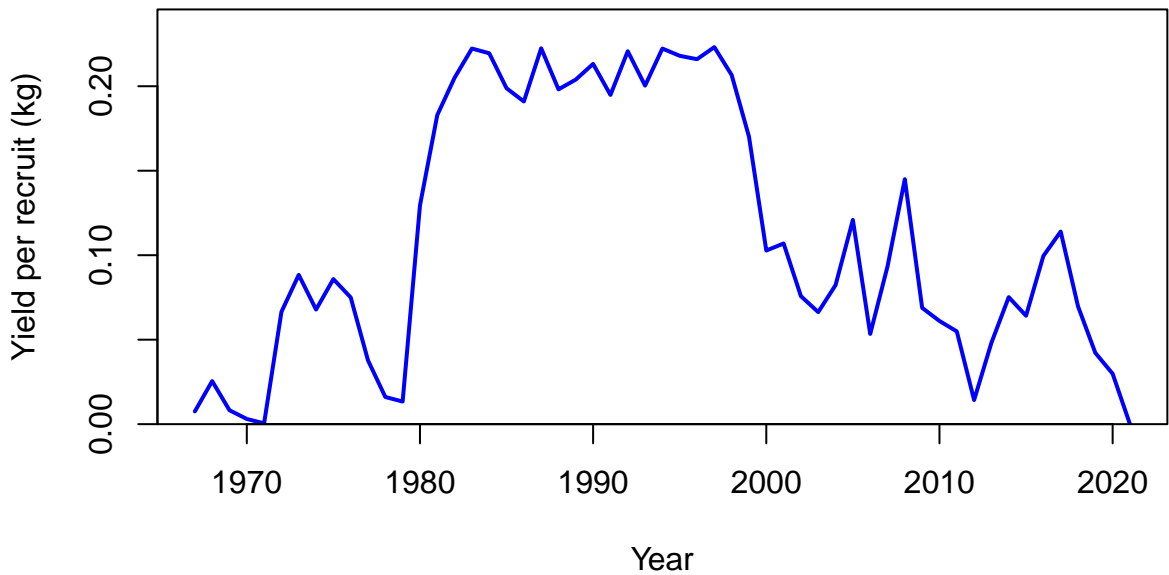


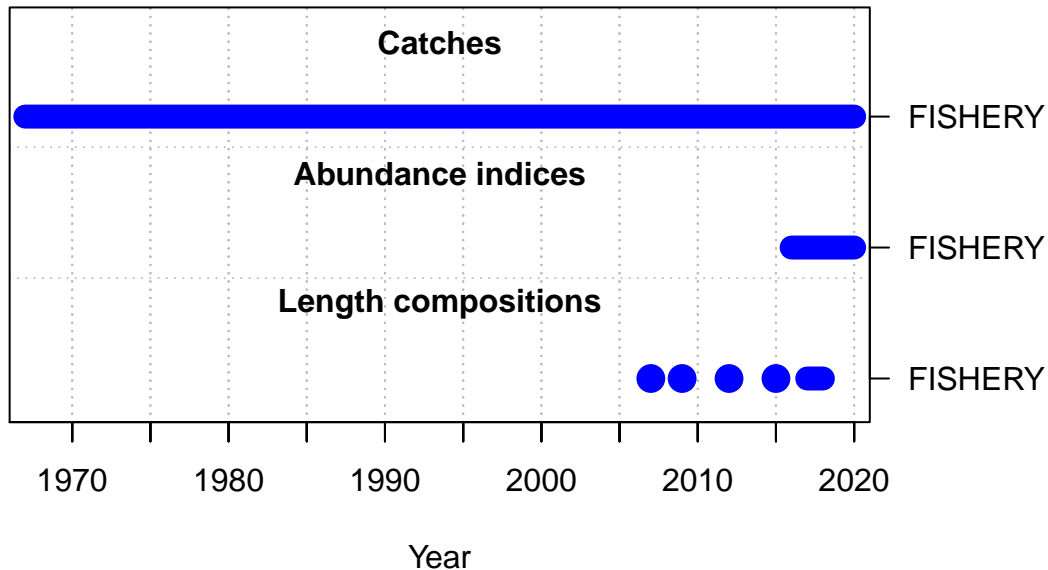


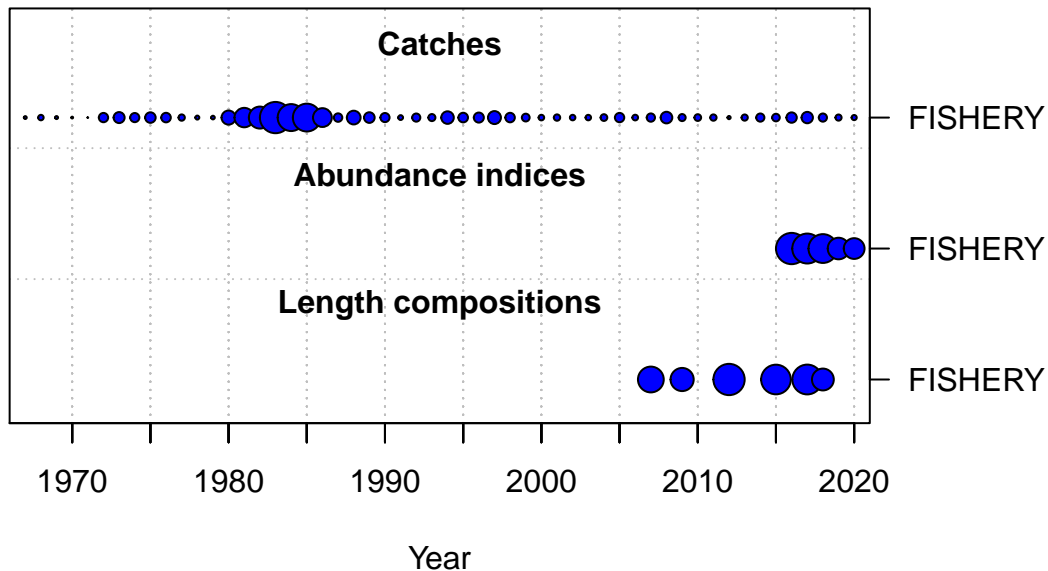








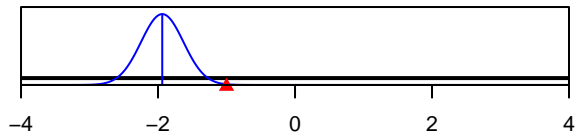




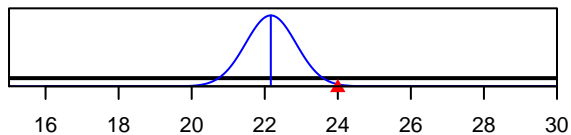
SR\_LN(R0)



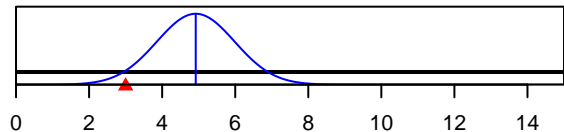
LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Size\_95%width\_FISHERY(1)



Parameter value