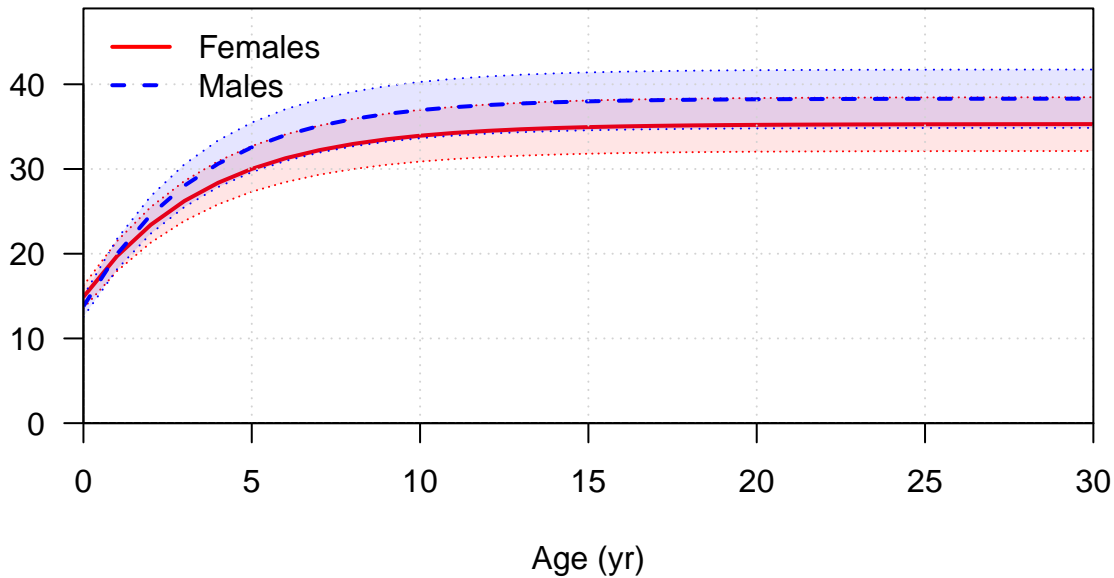


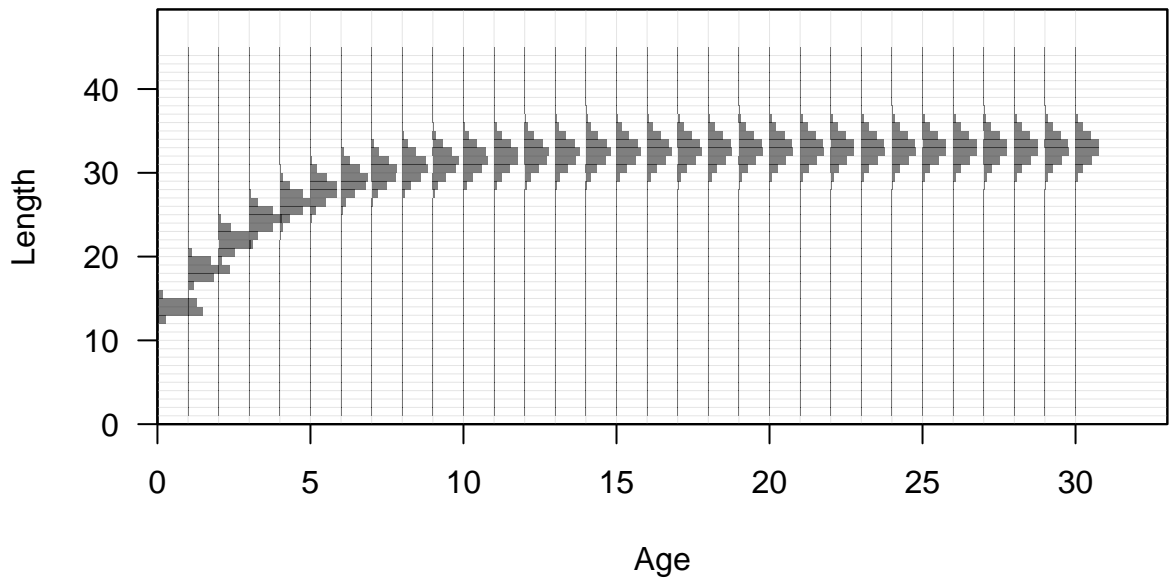
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Tue Oct 11 12:53:27 2022  
Data\_File: data.ss  
Control\_File: control.ss

Length (cm, beginning of the year)







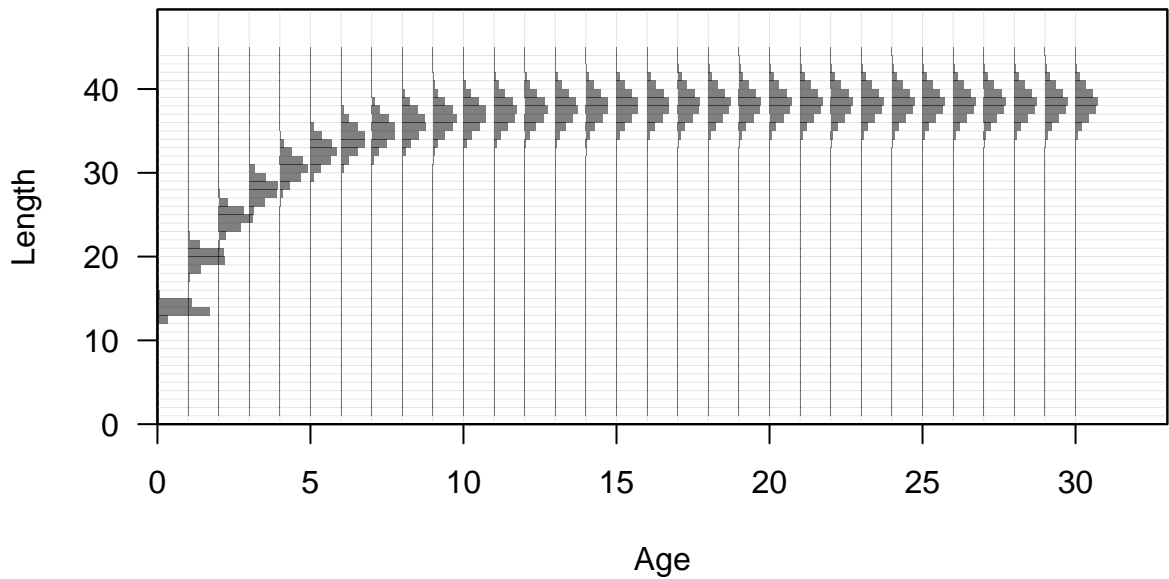














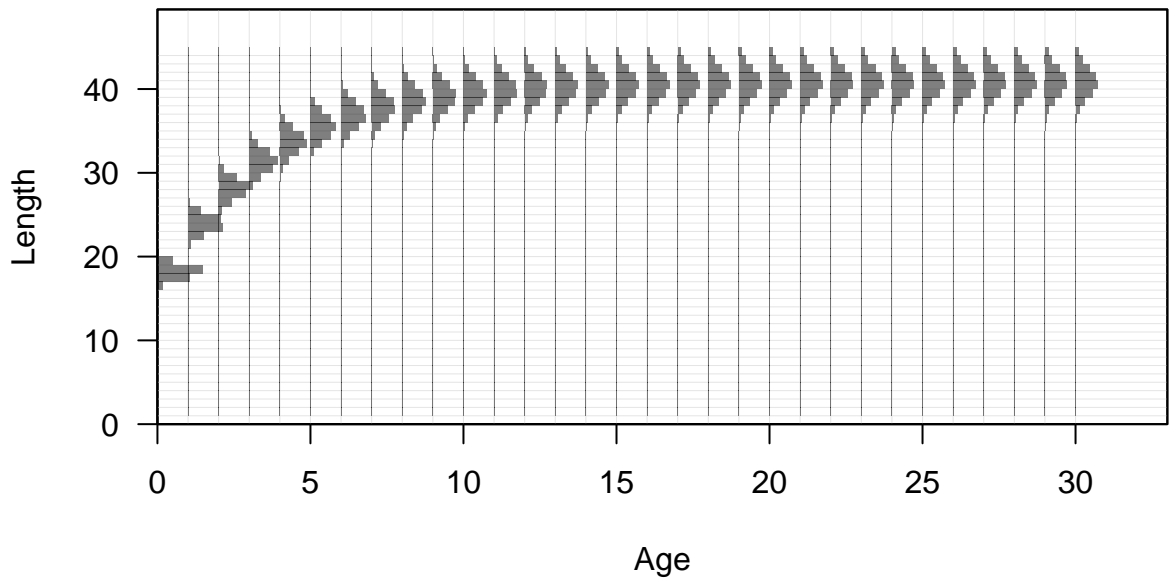








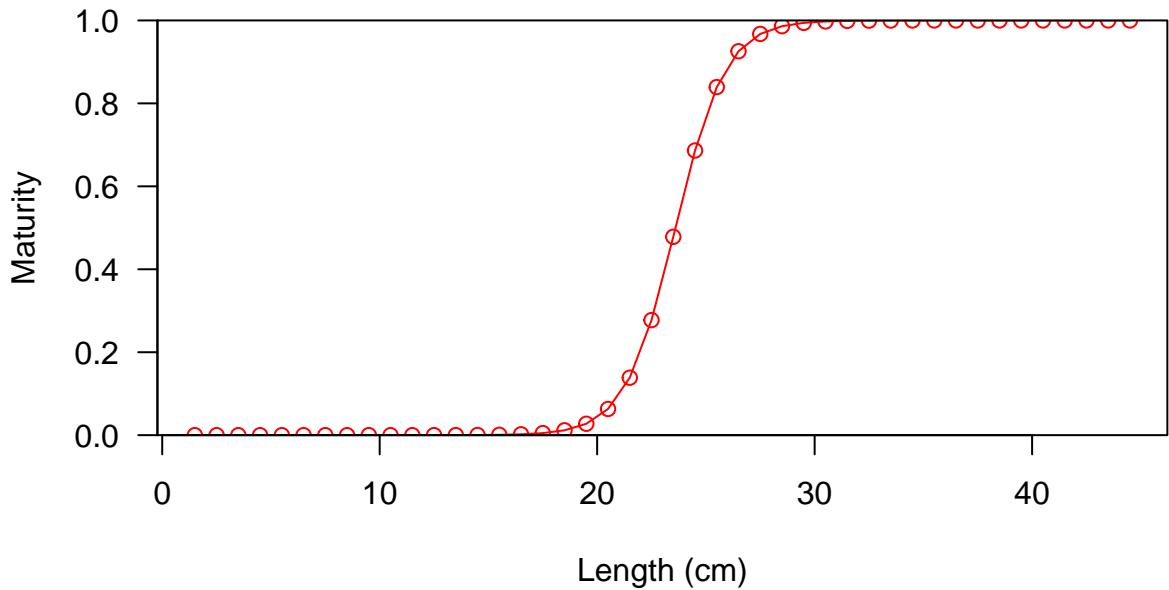
















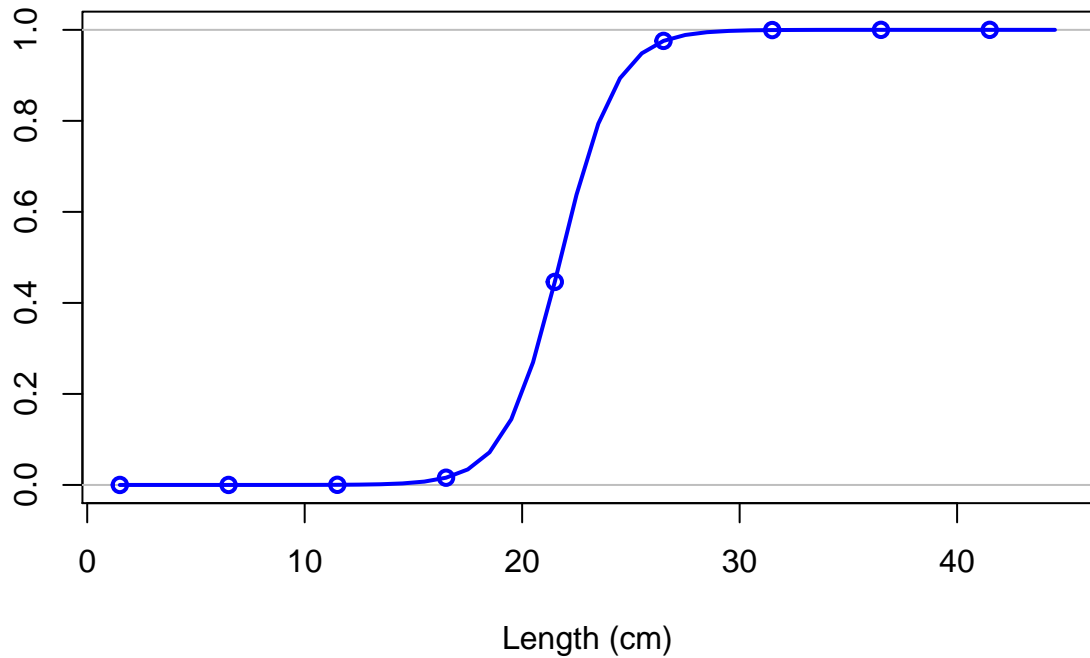




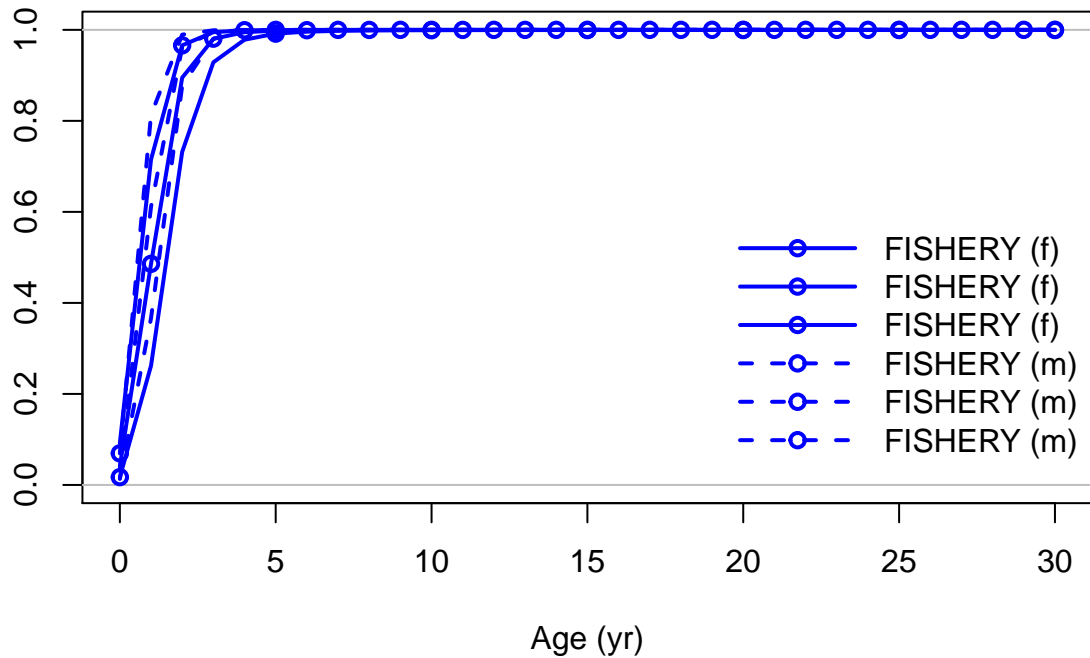




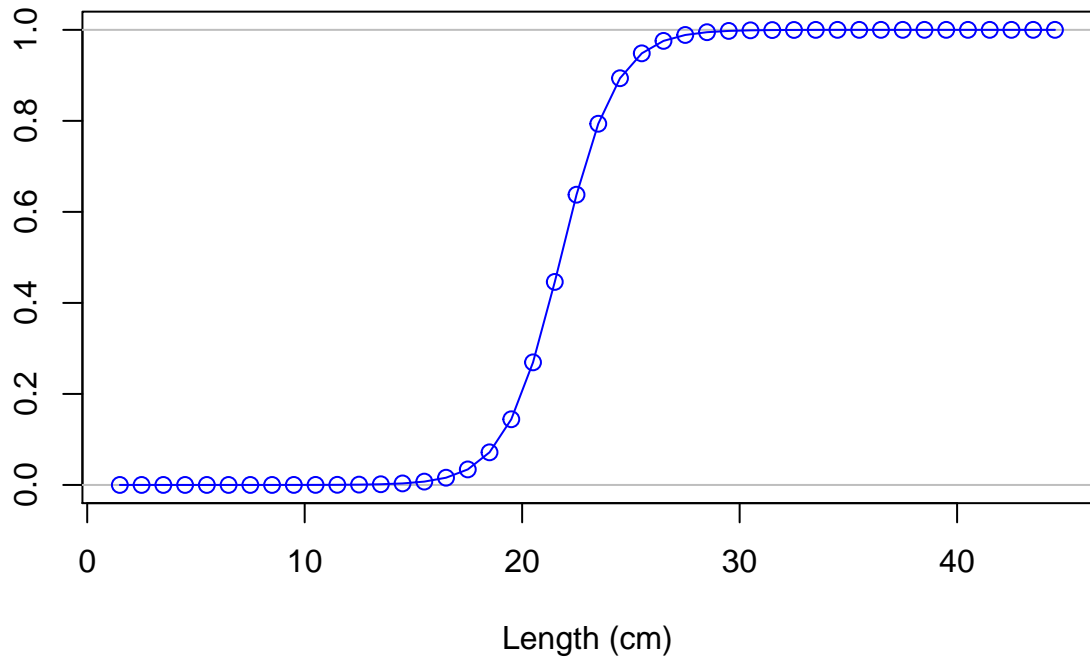
Selectivity



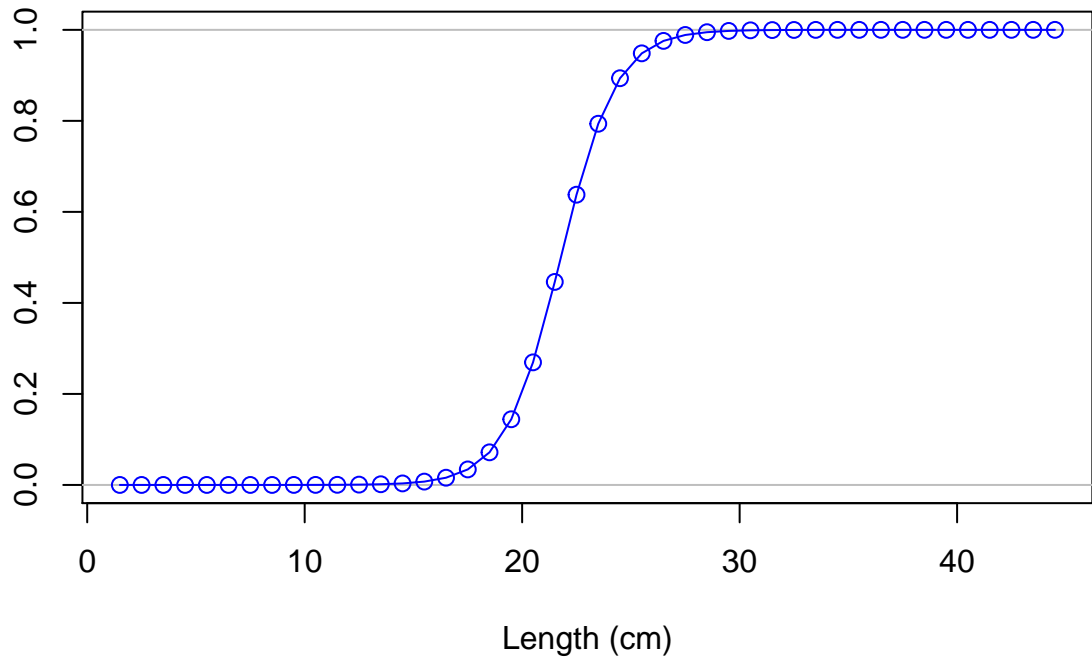
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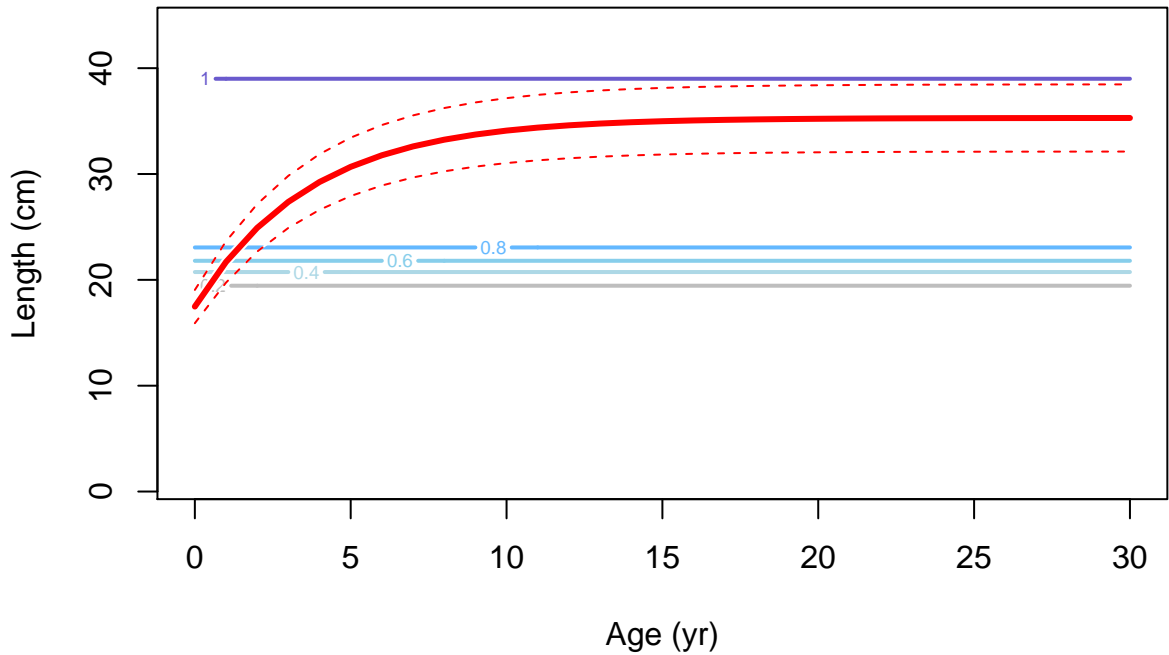


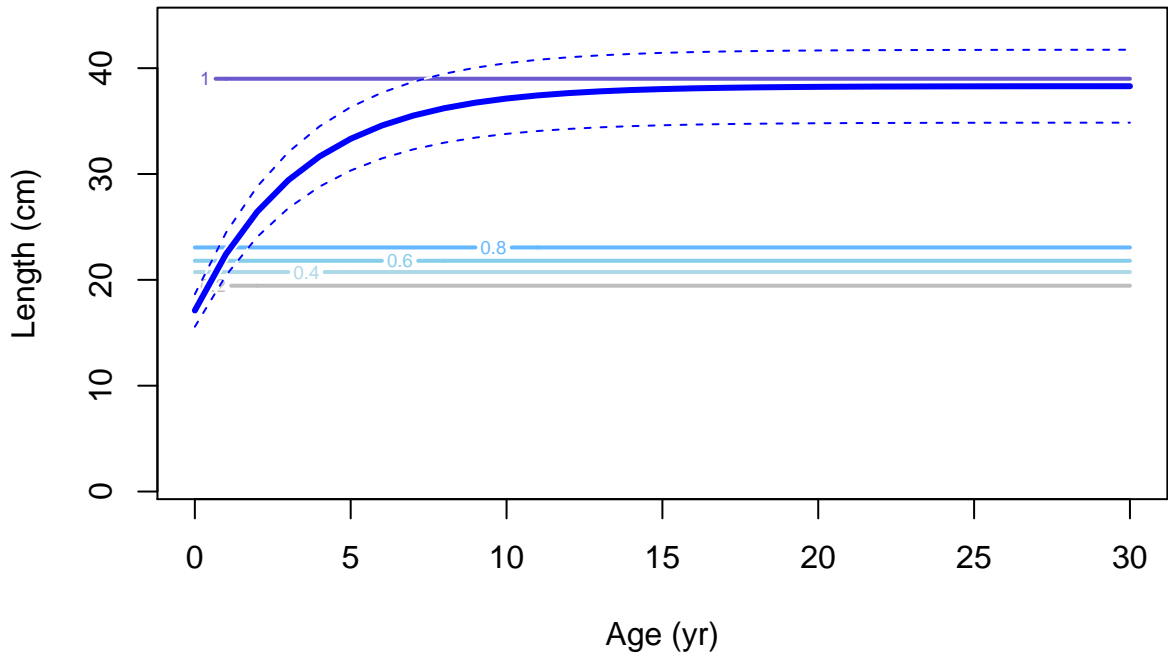
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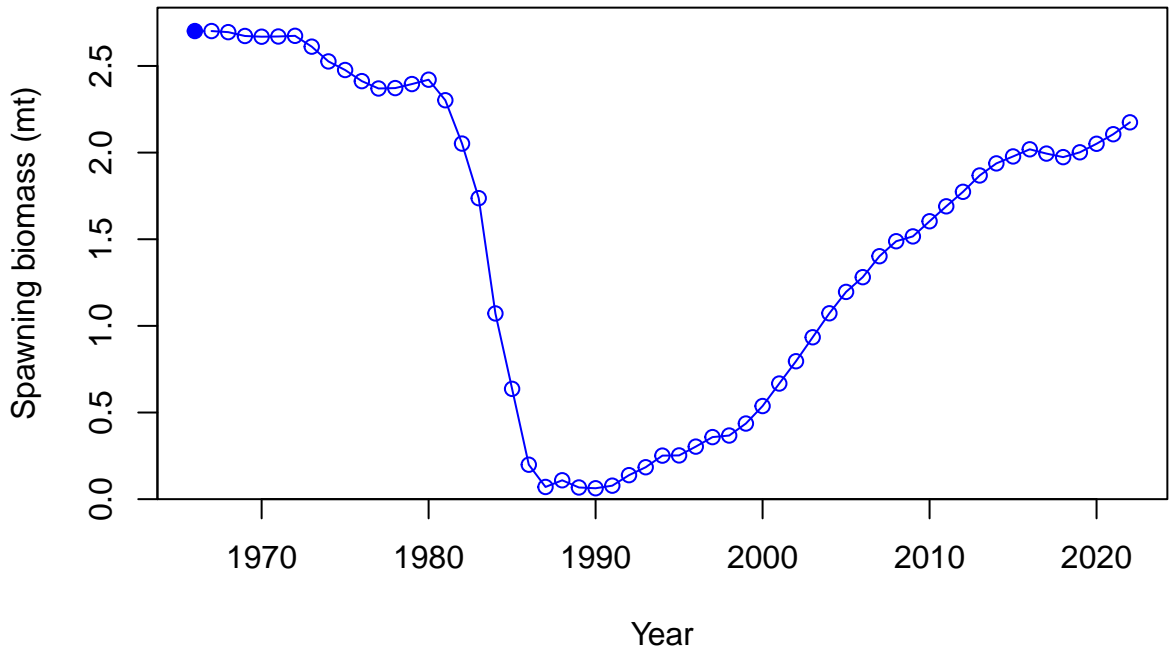


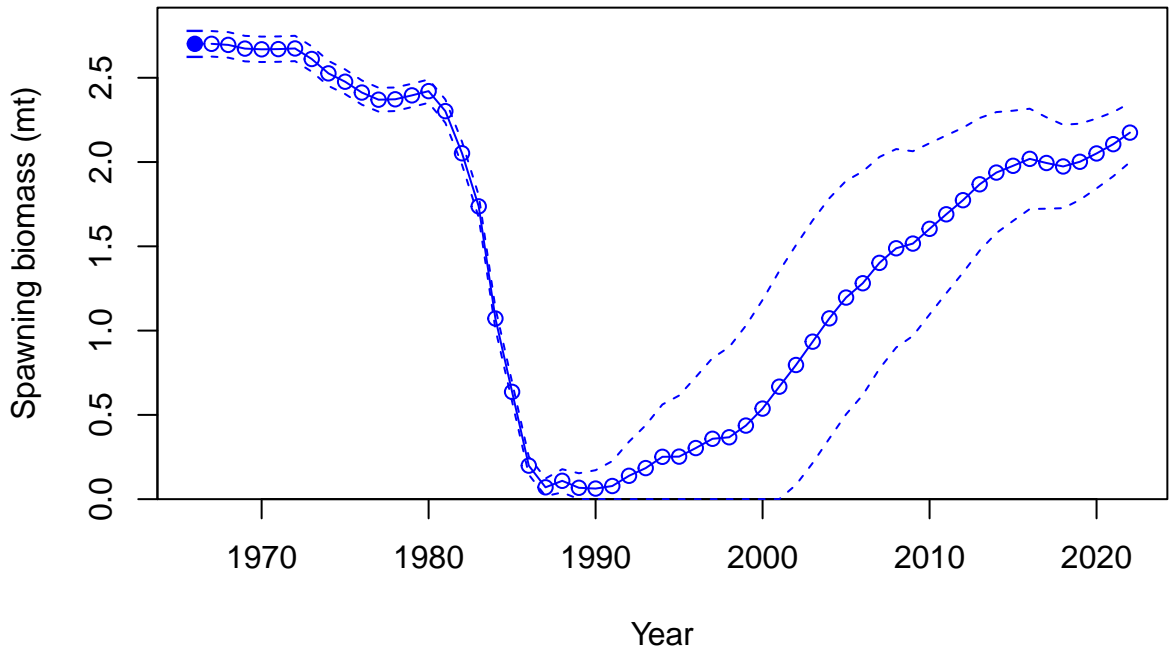
Selectivity





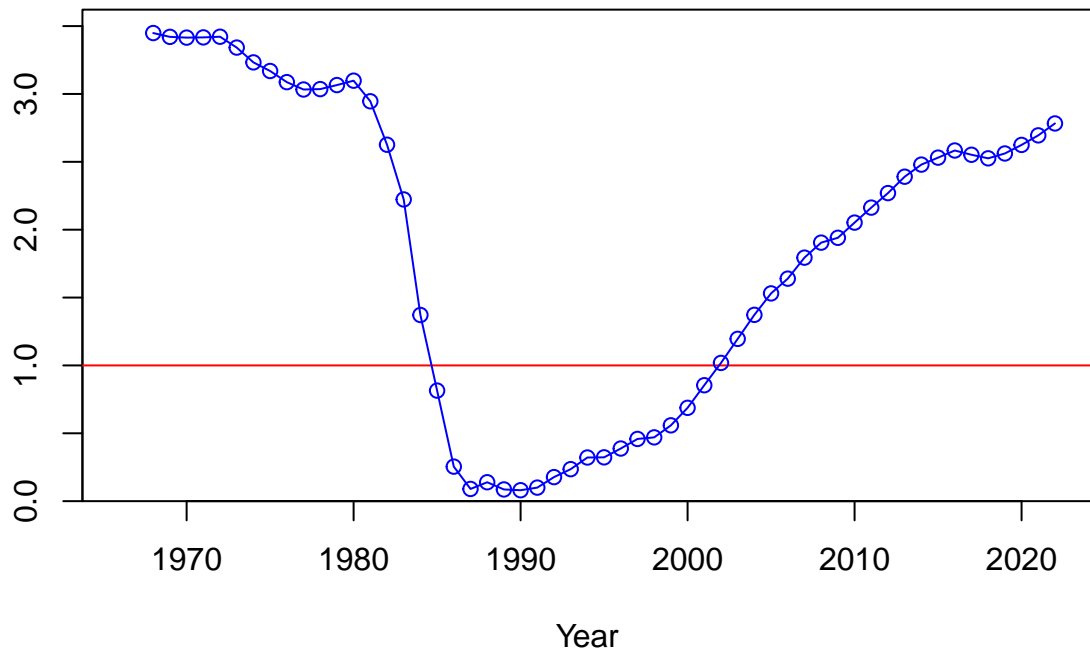




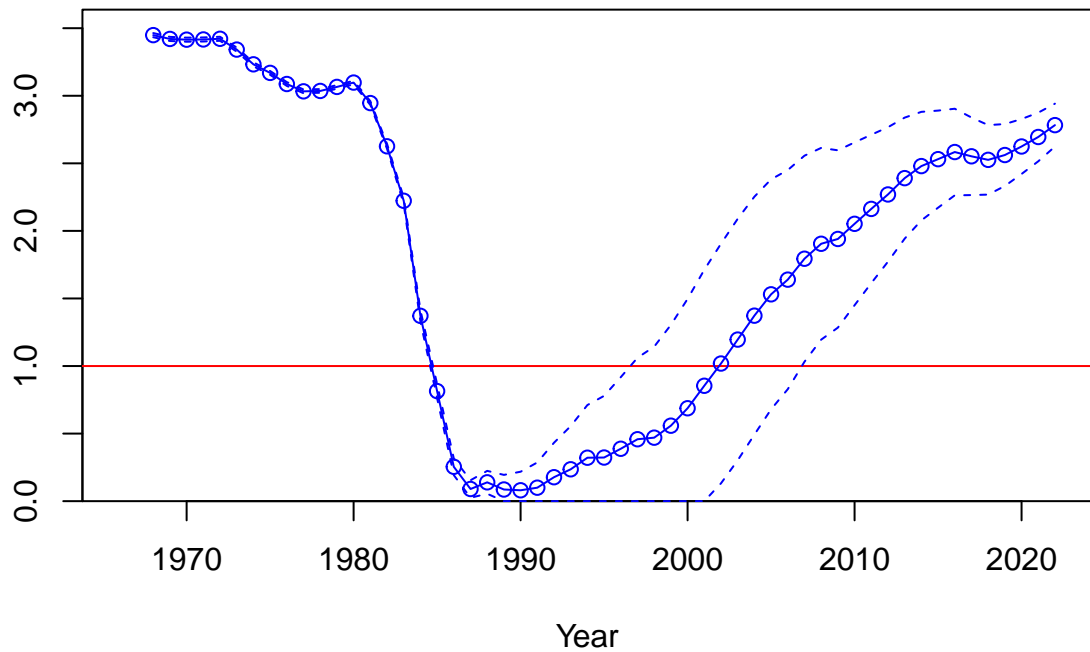


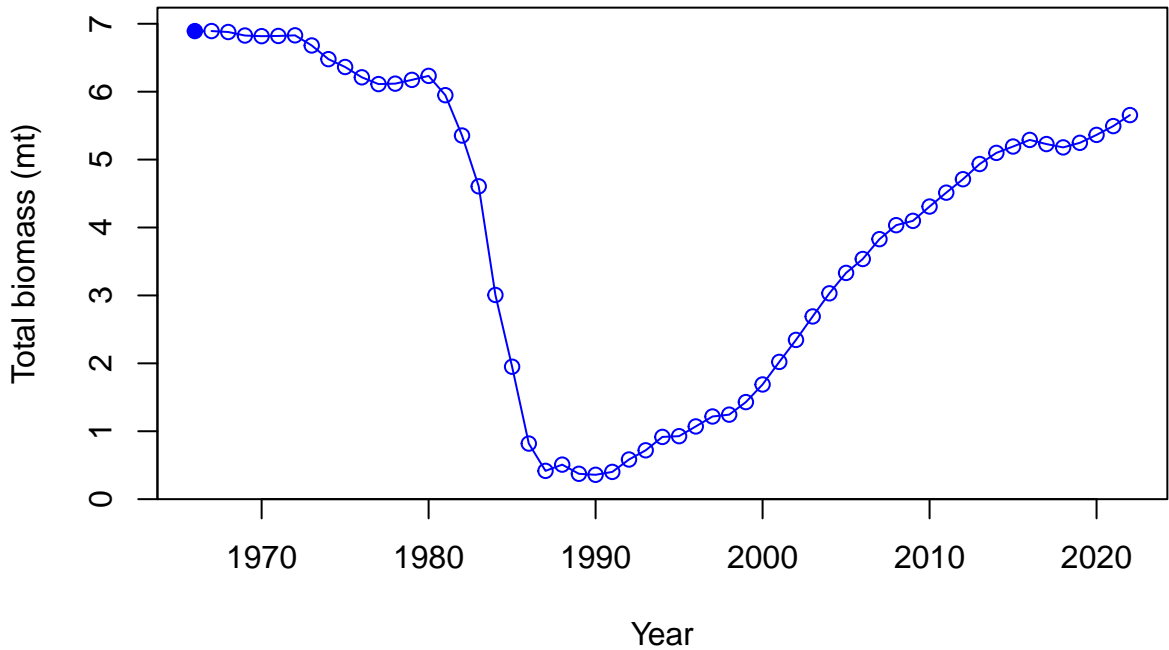


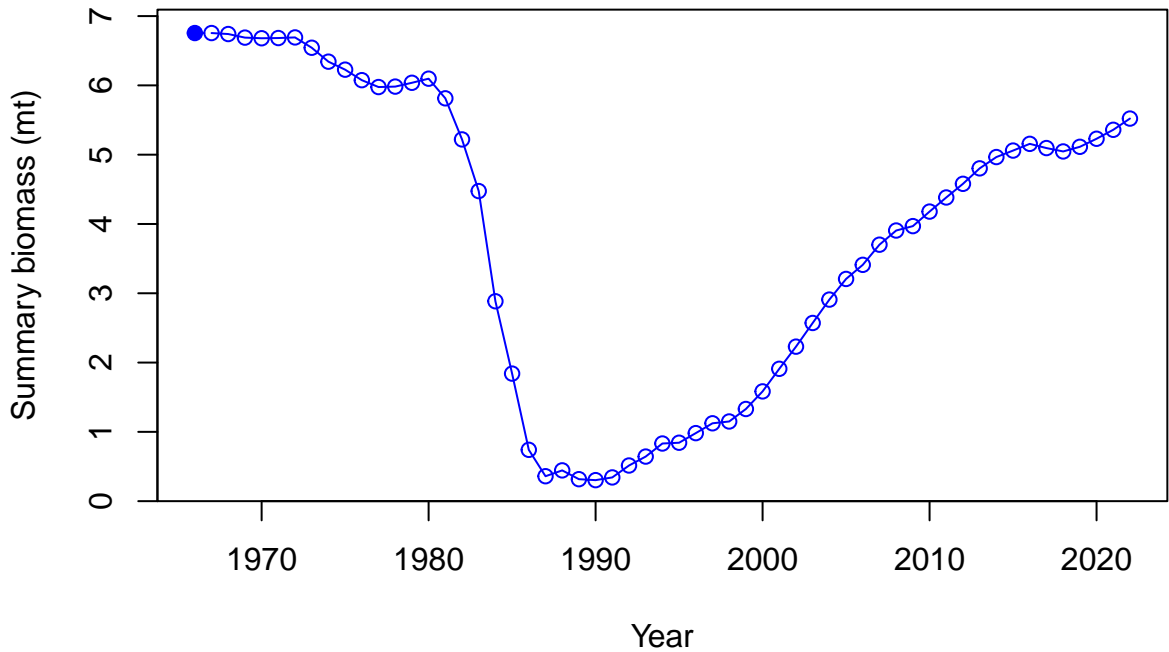
Relative spawning biomass:  $B/B_{MSY}$

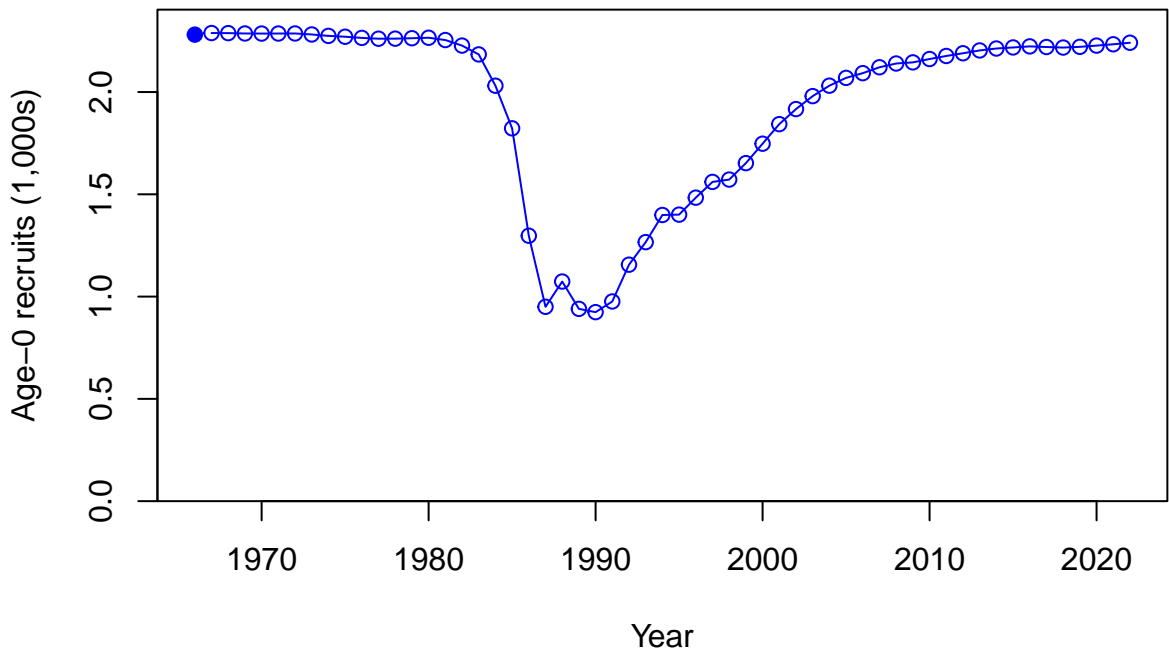


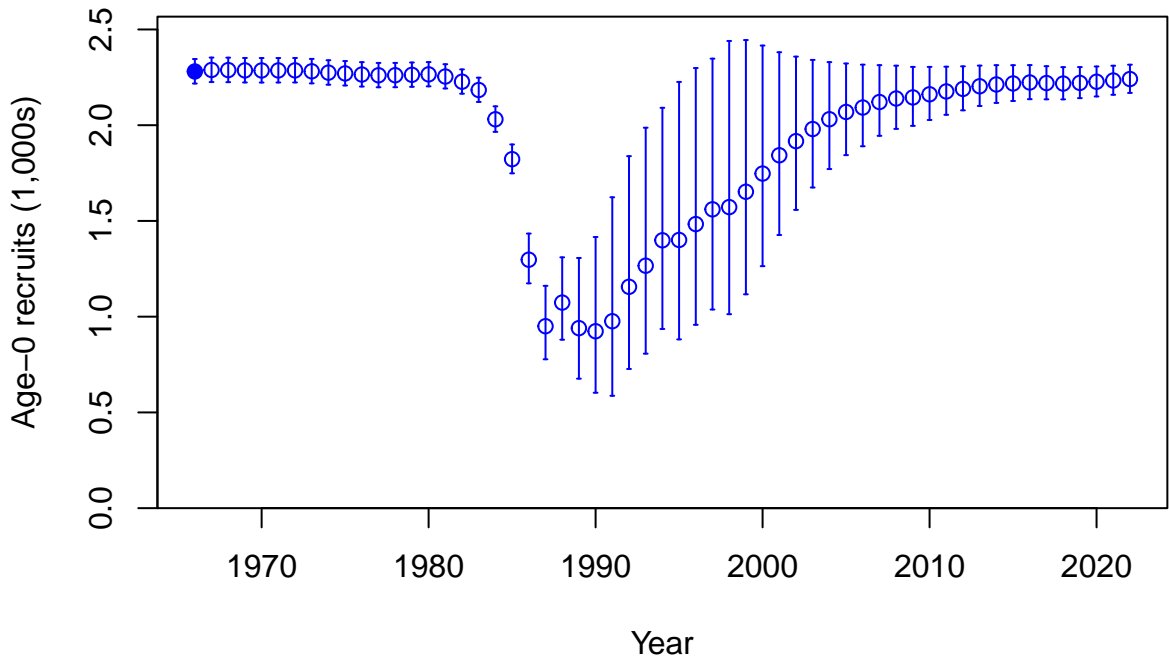
Relative spawning biomass:  $B/B_{MSY}$



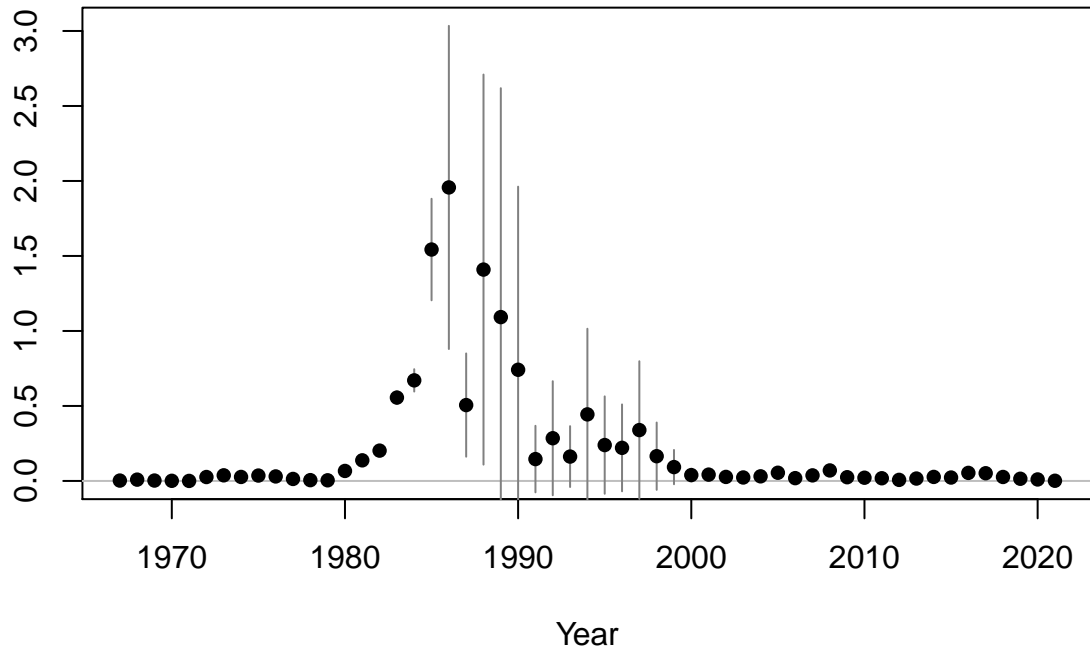


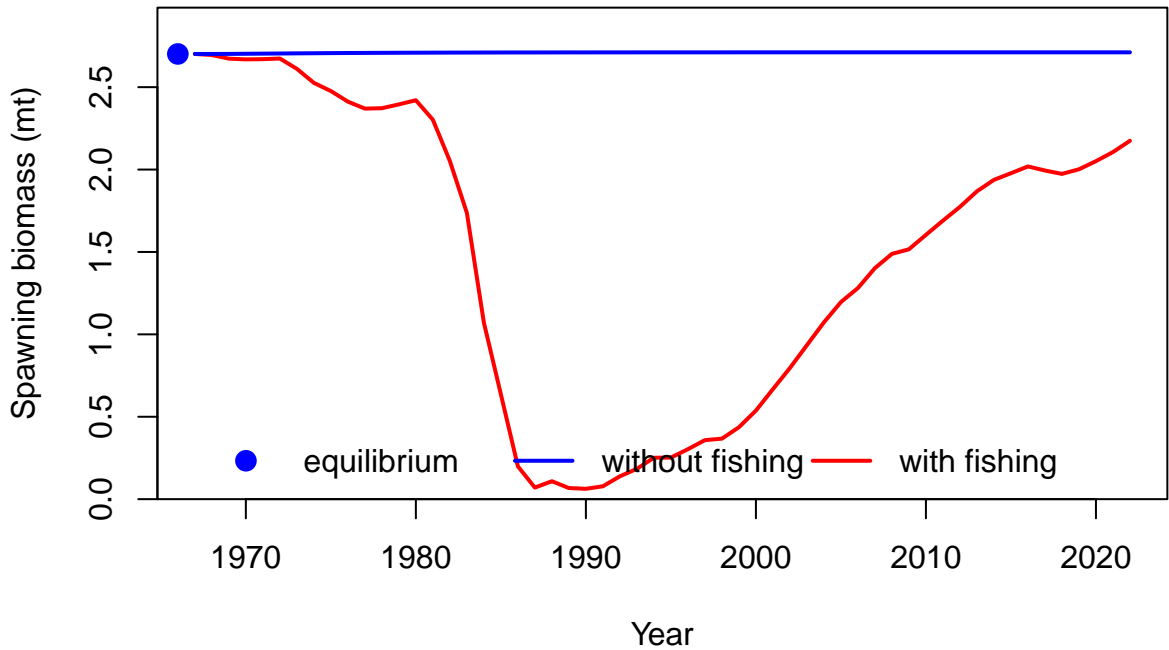




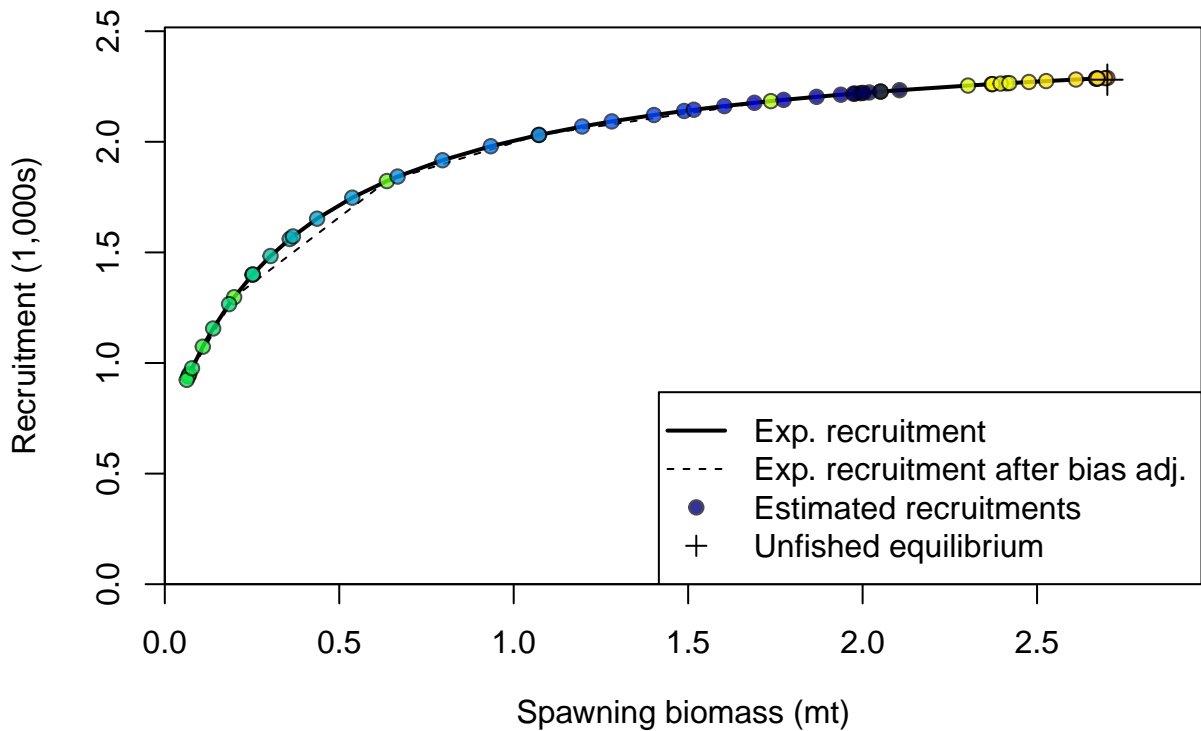


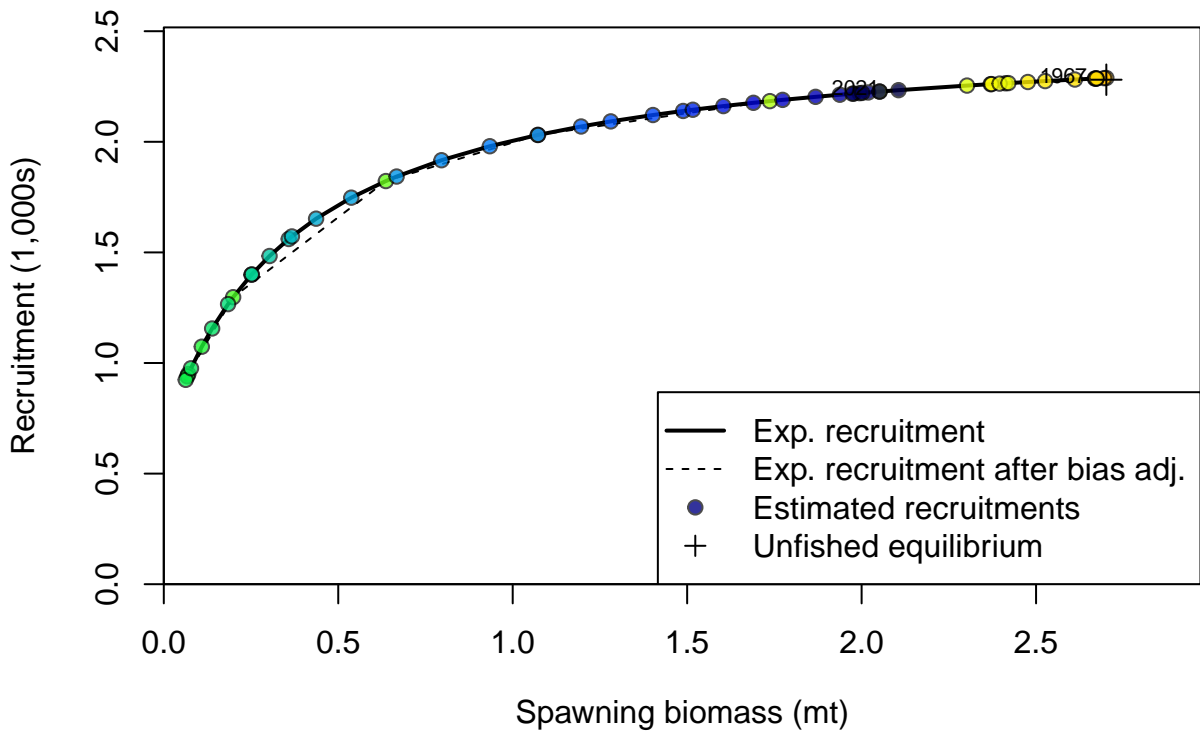
Summary Fishing Mortality

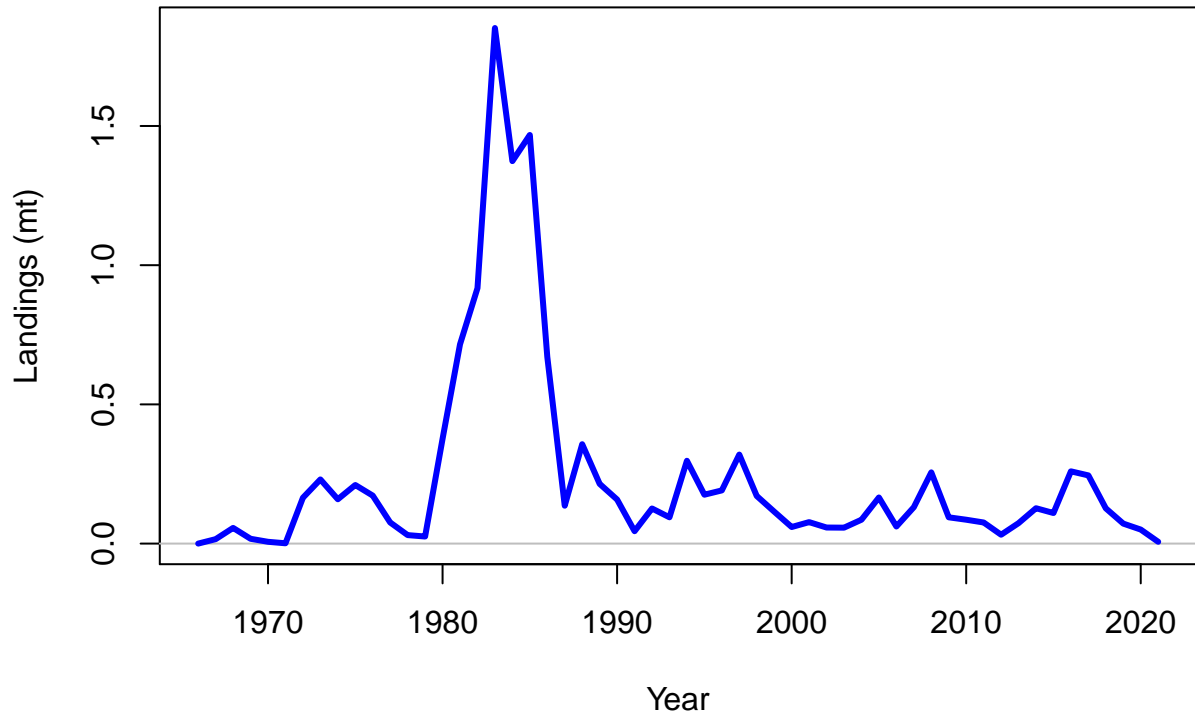


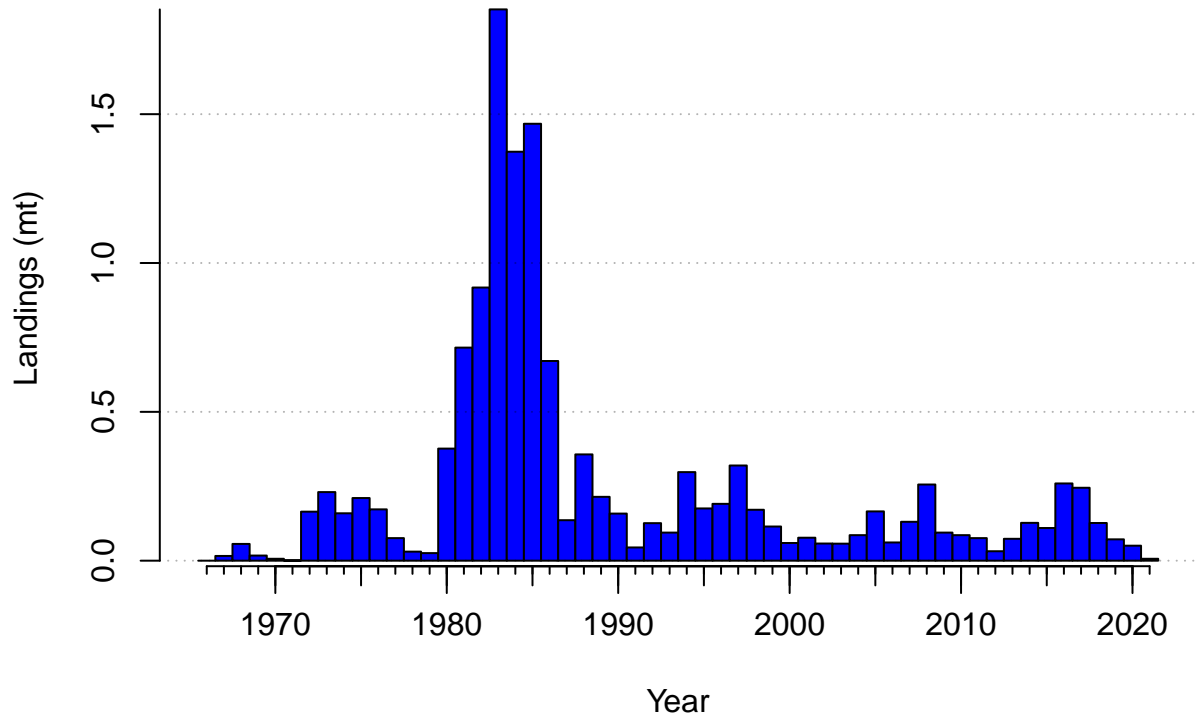


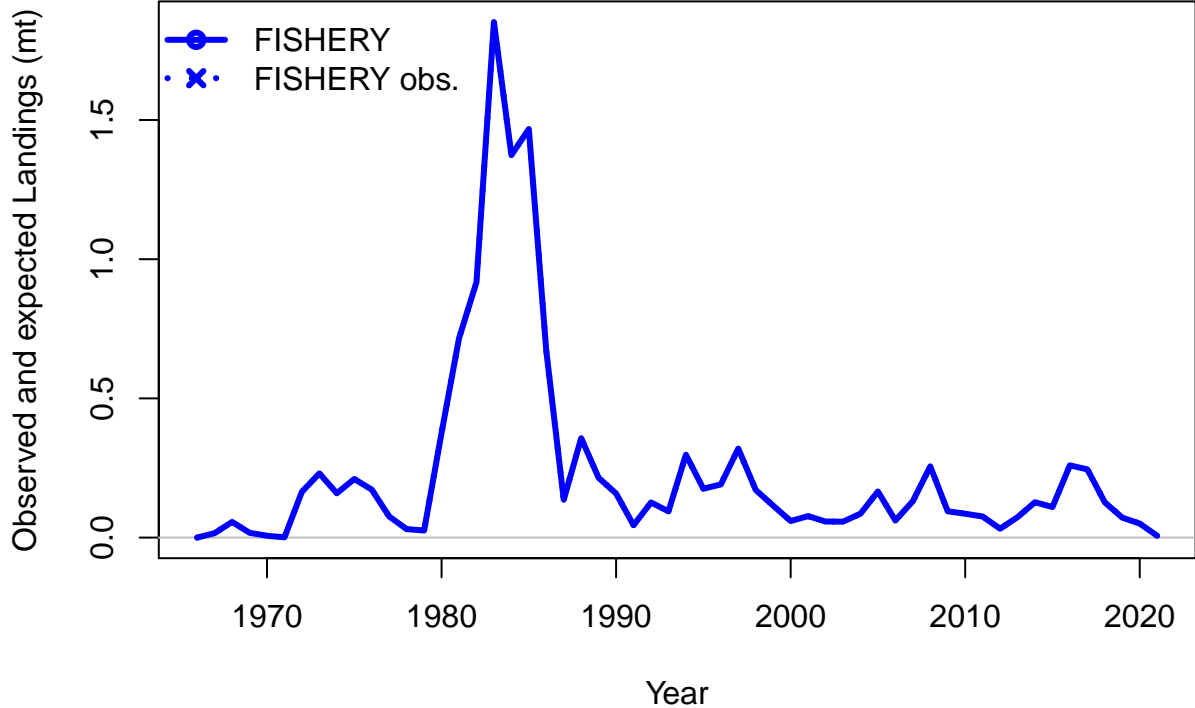




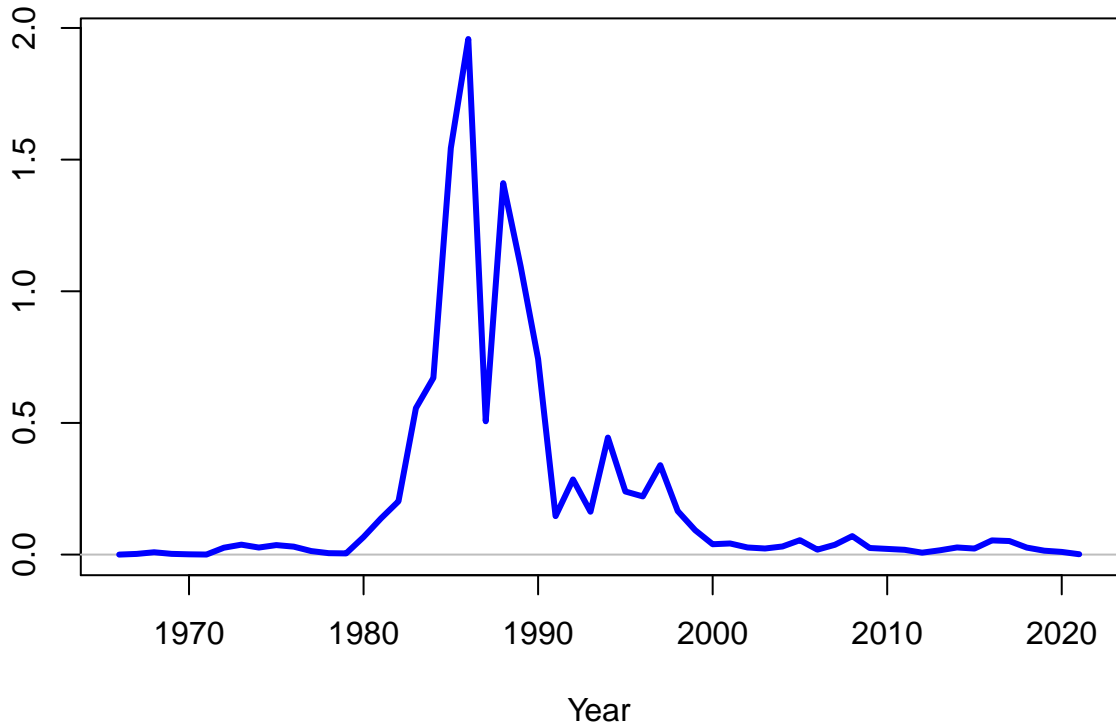




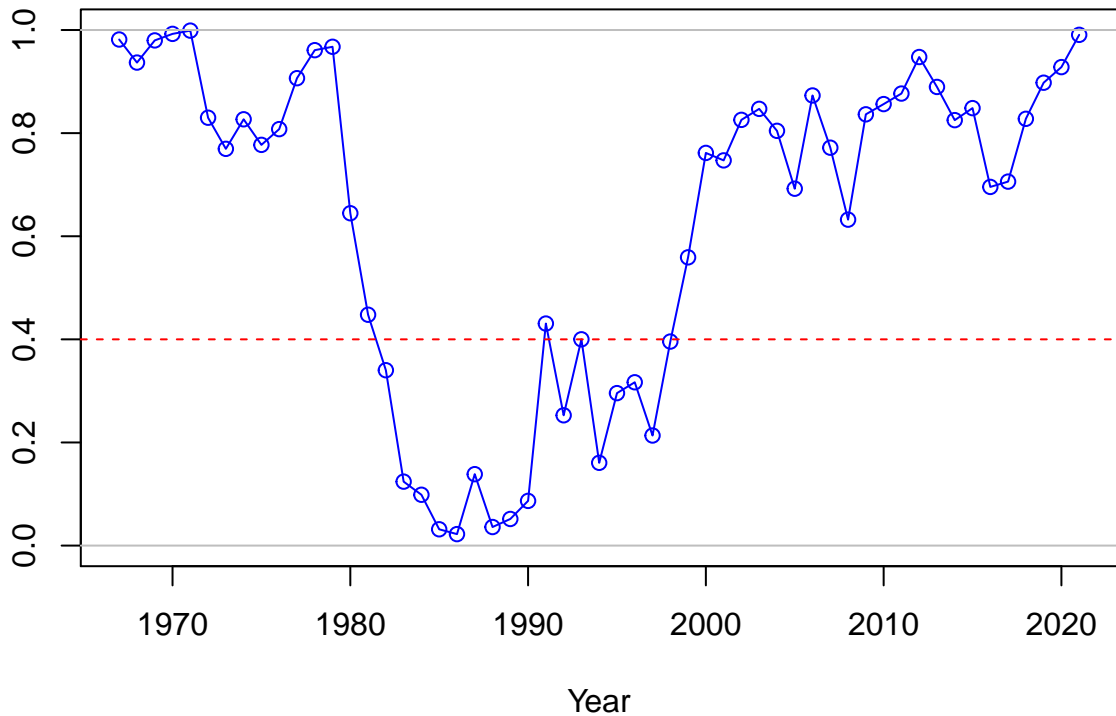




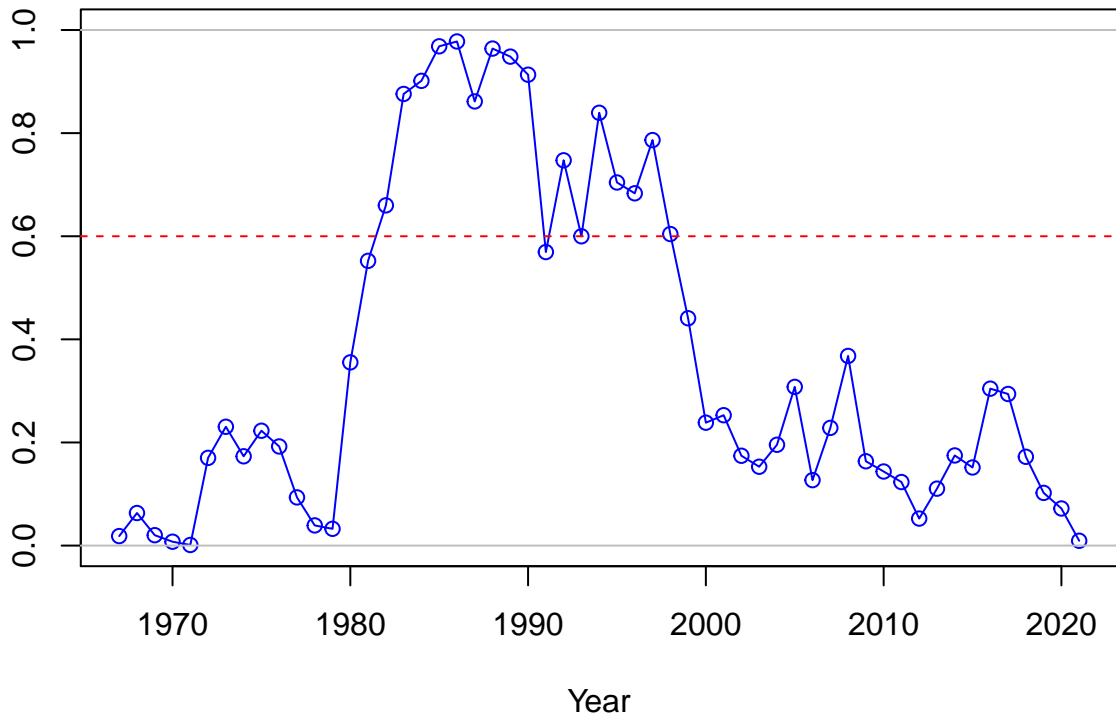
Continuous F



SPR

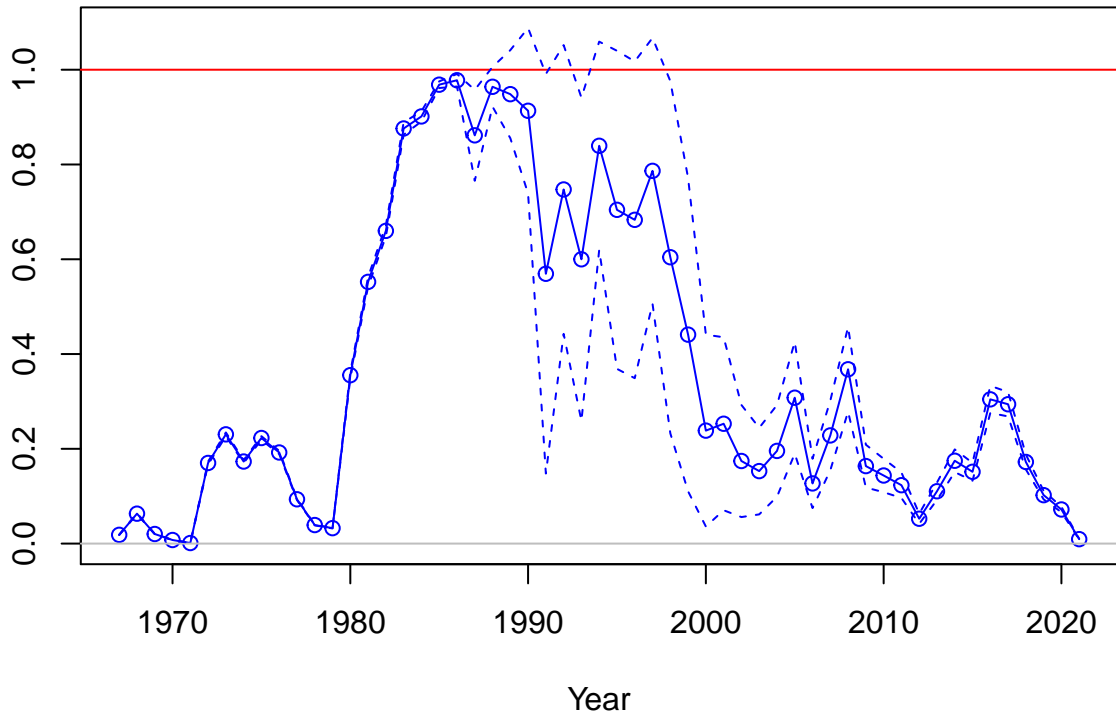


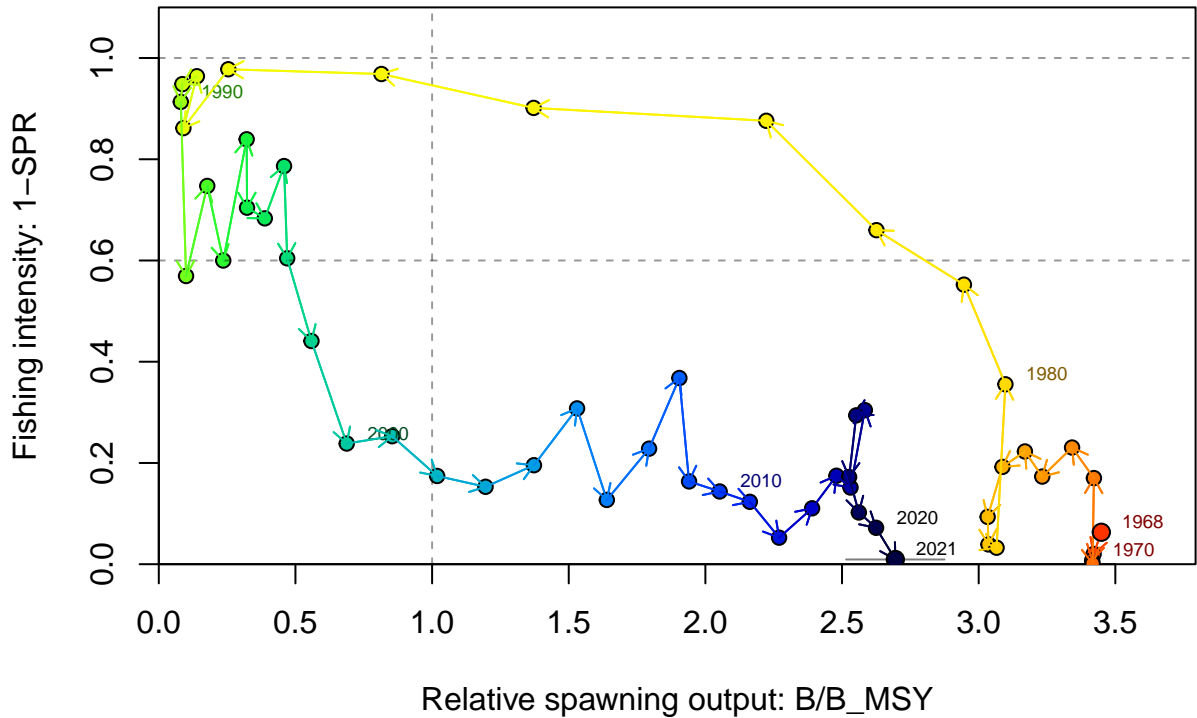
1-SPR





Fishing intensity: 1-SPR





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1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0

2016

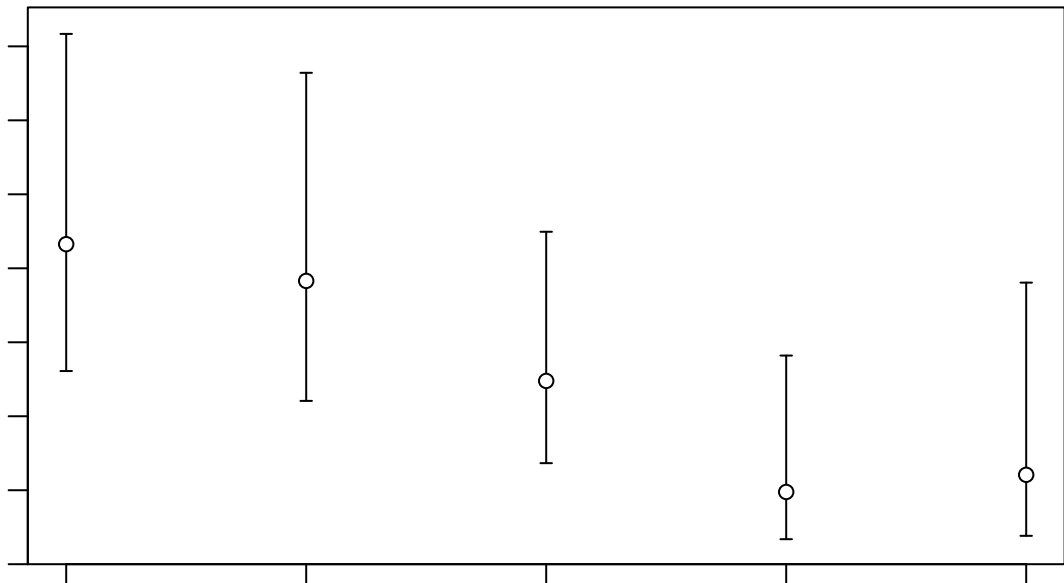
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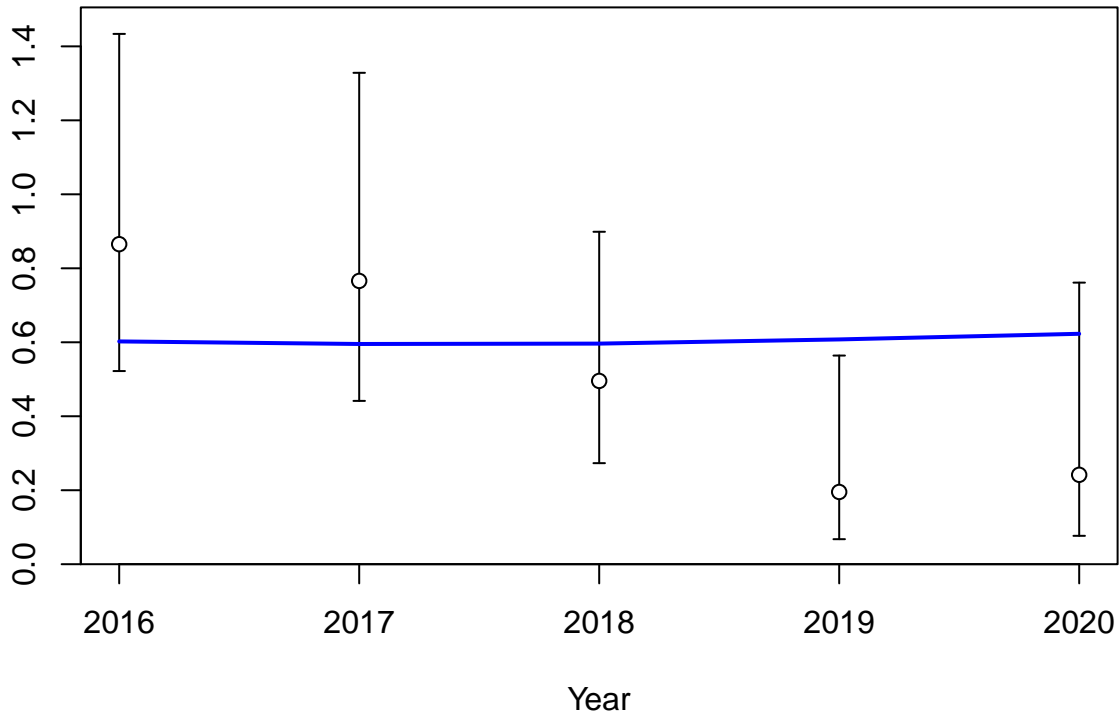
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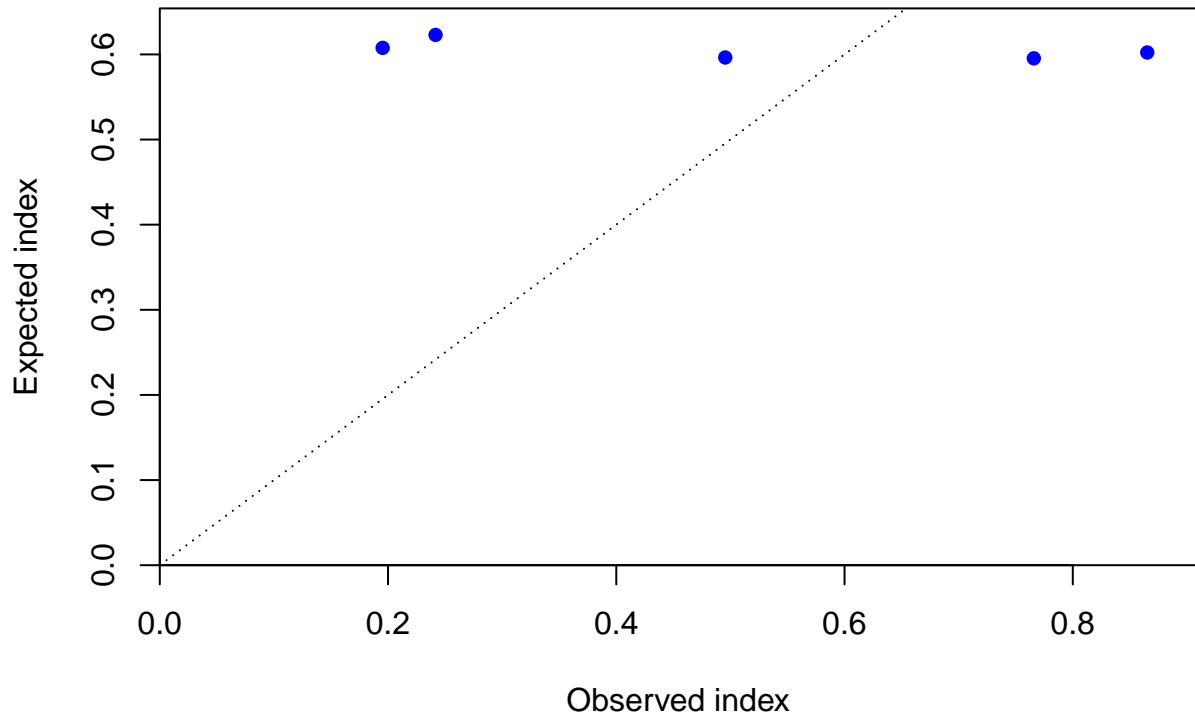
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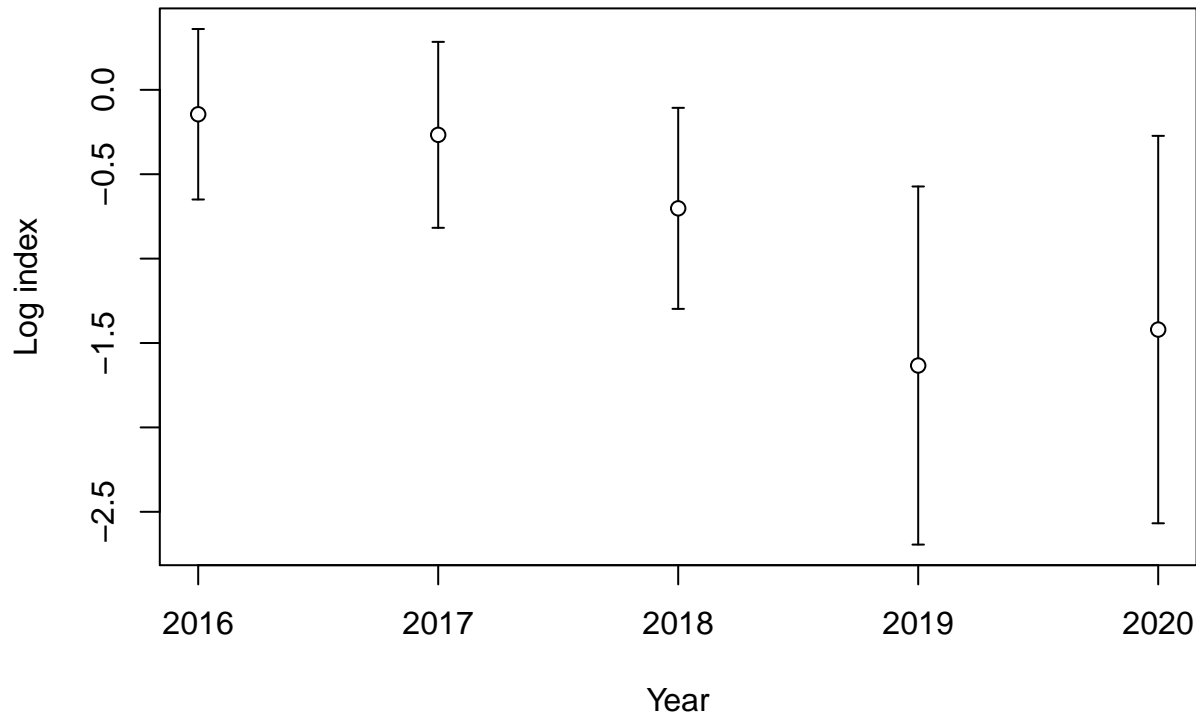
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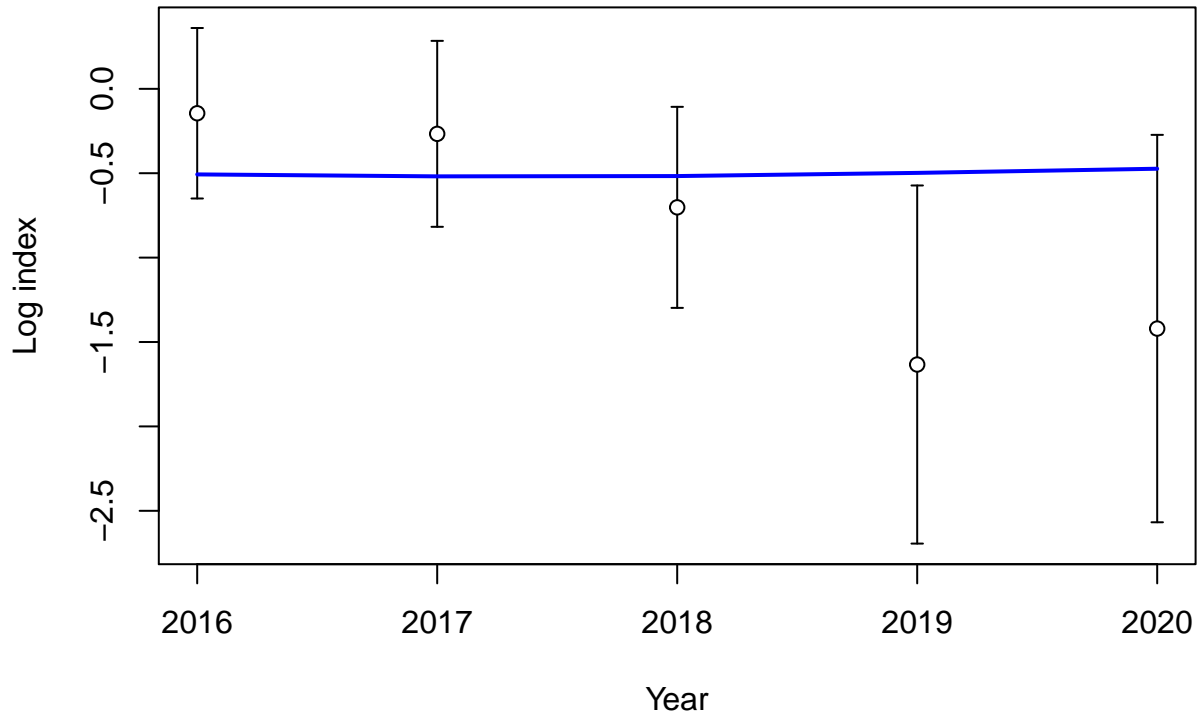


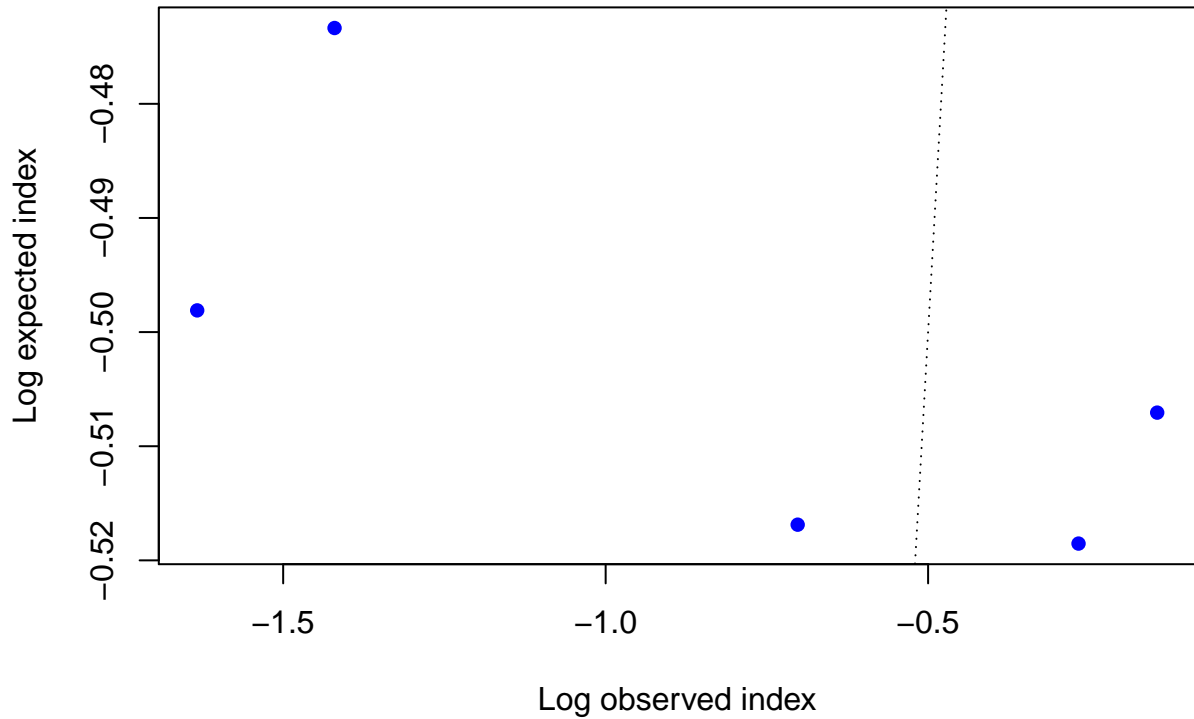
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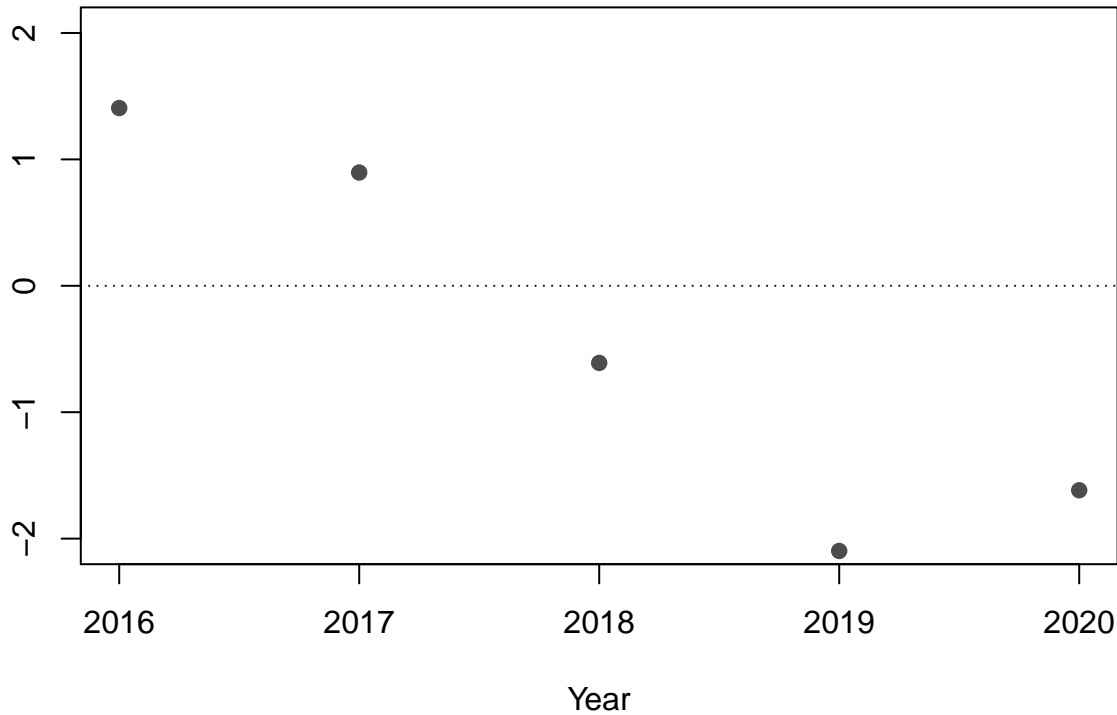


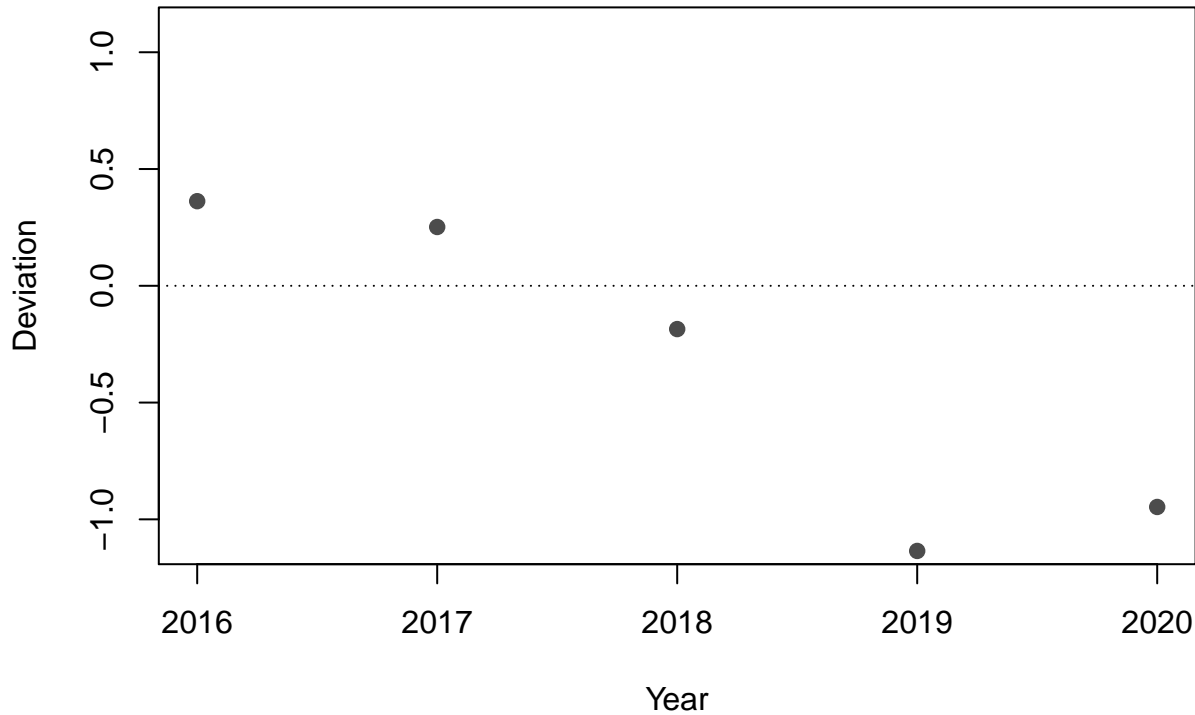




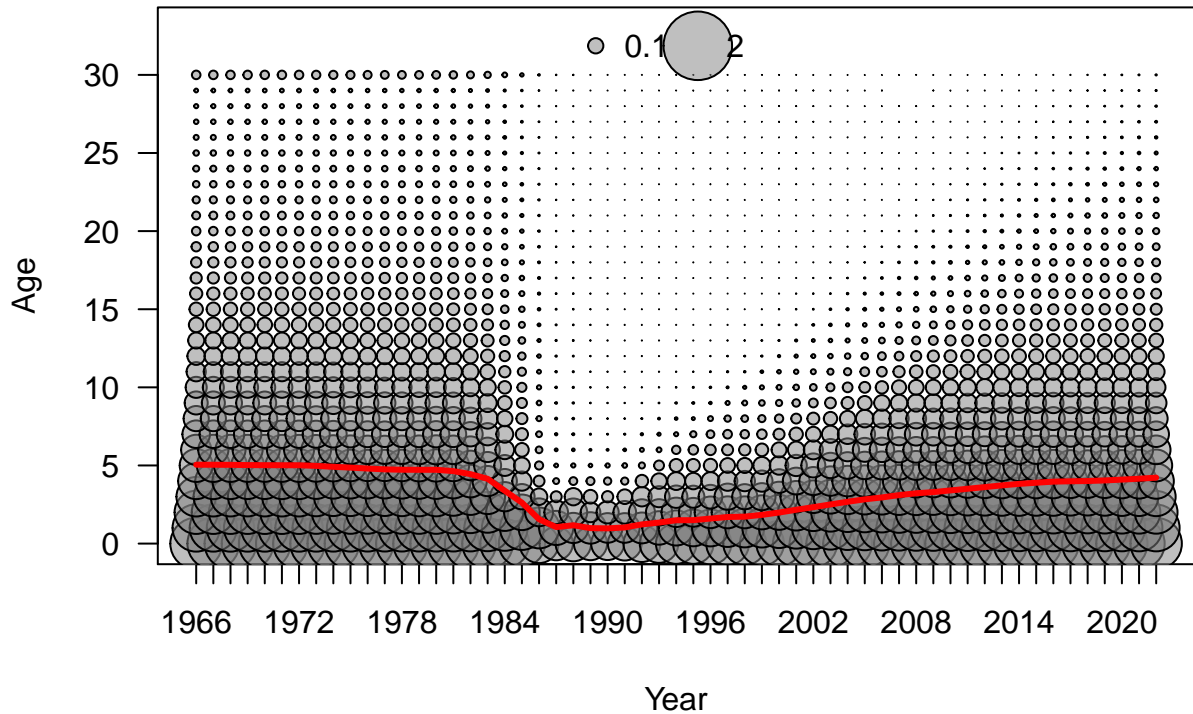


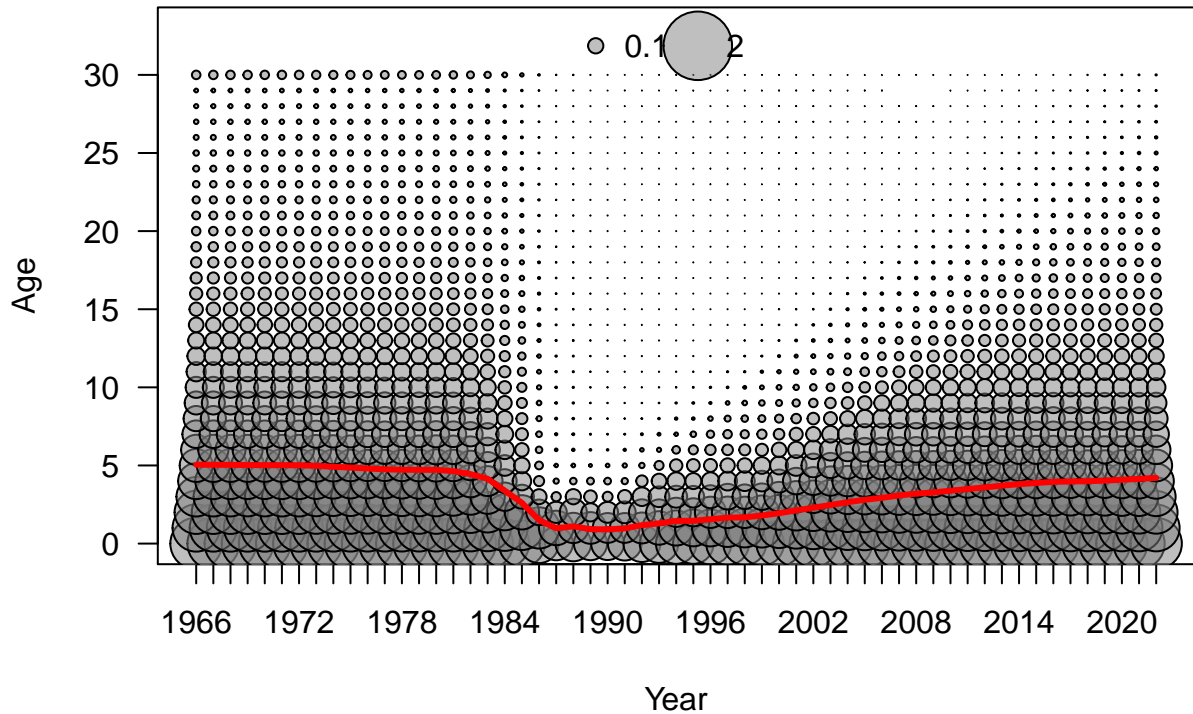
Residual

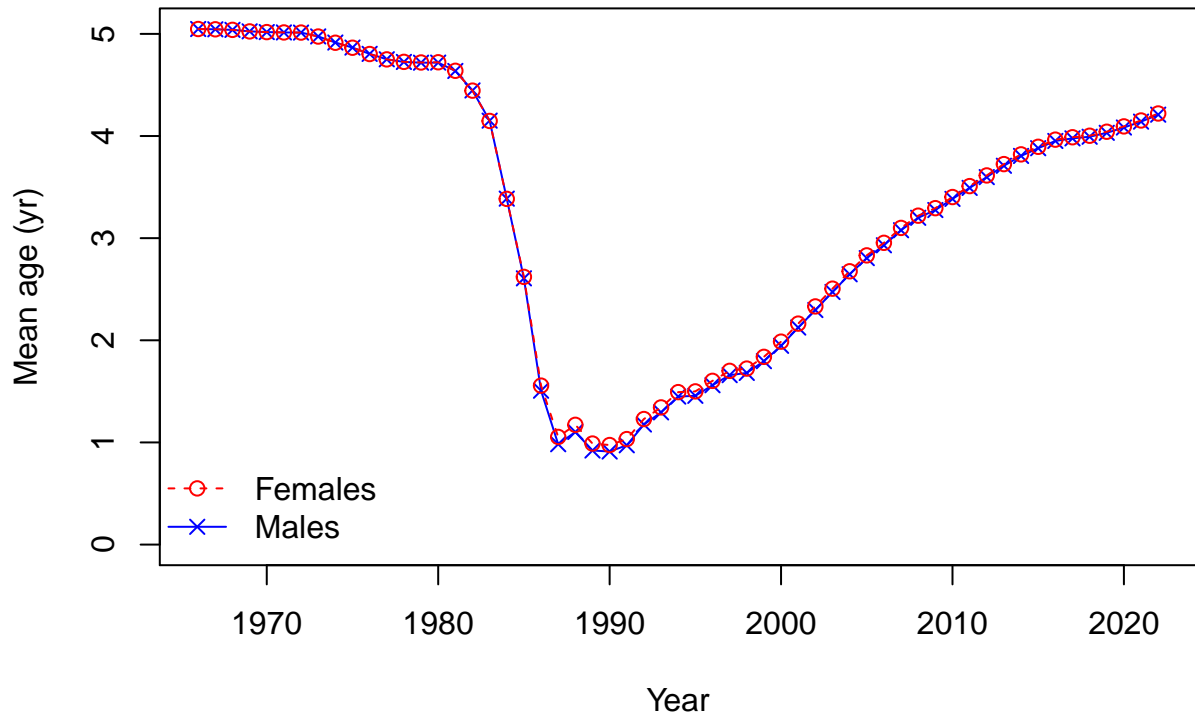


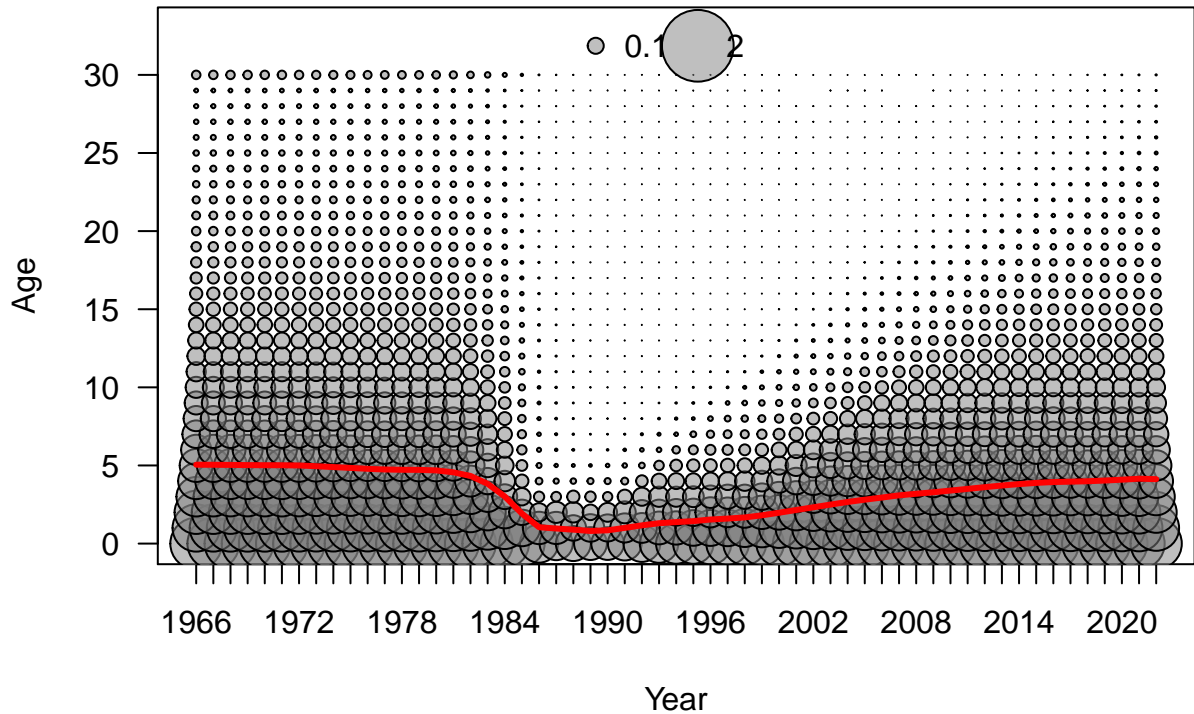


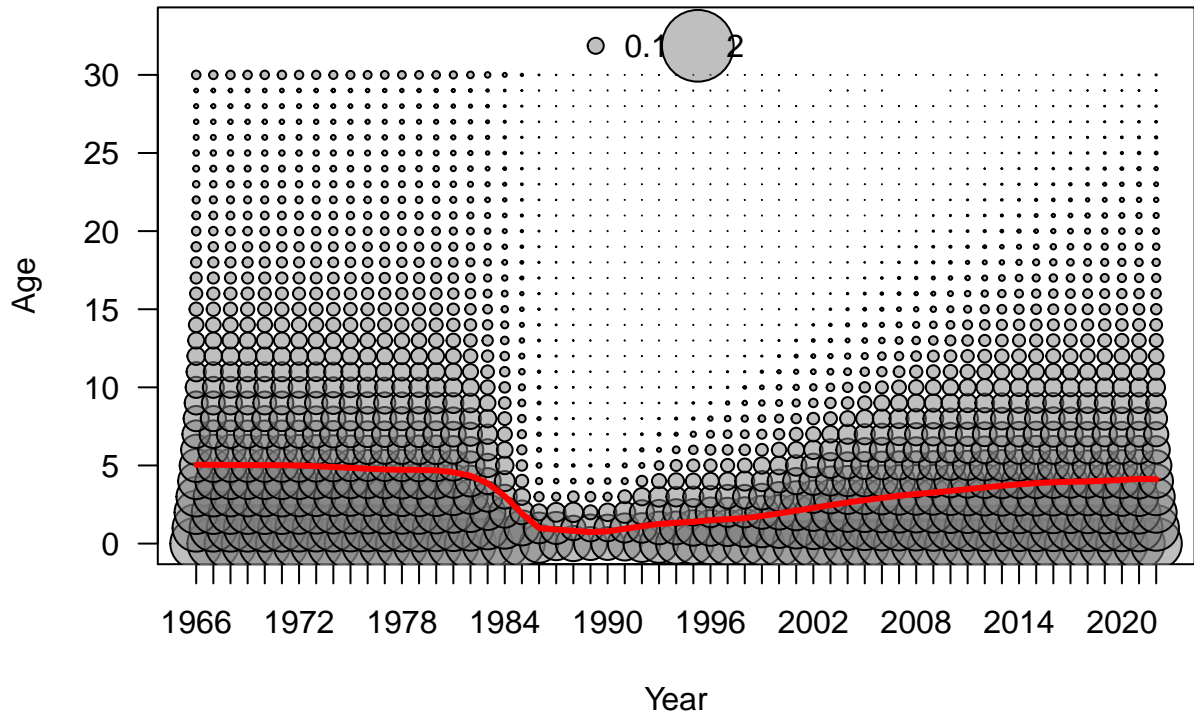




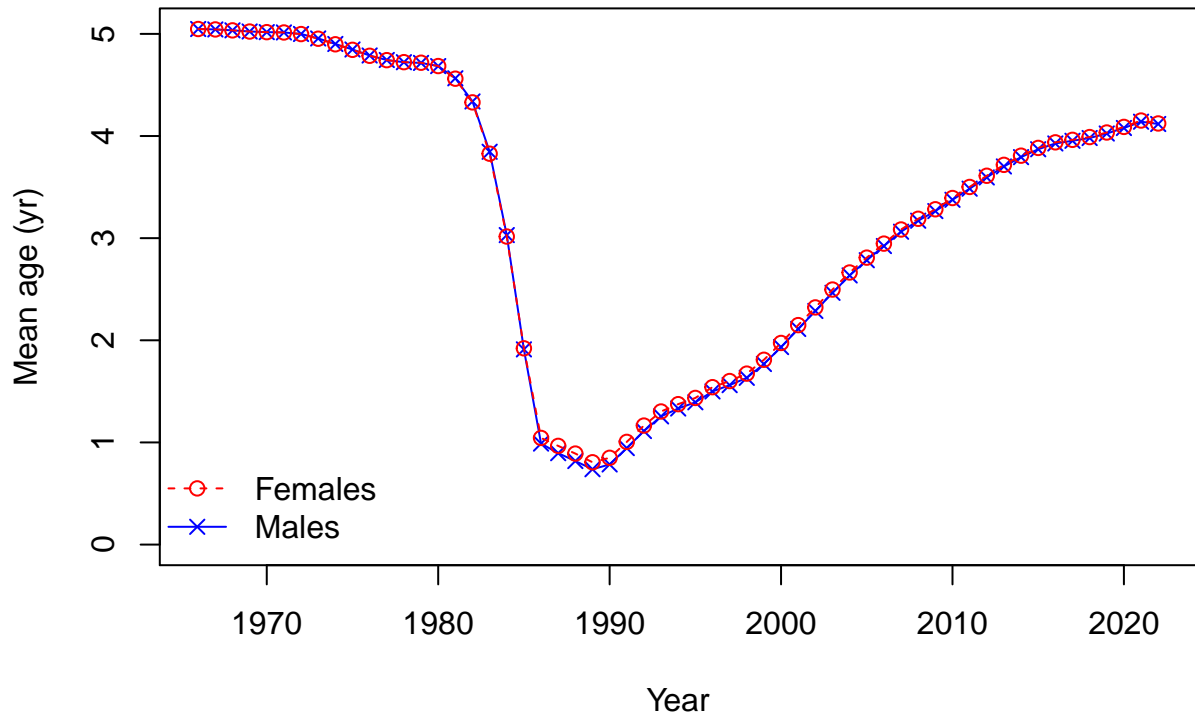


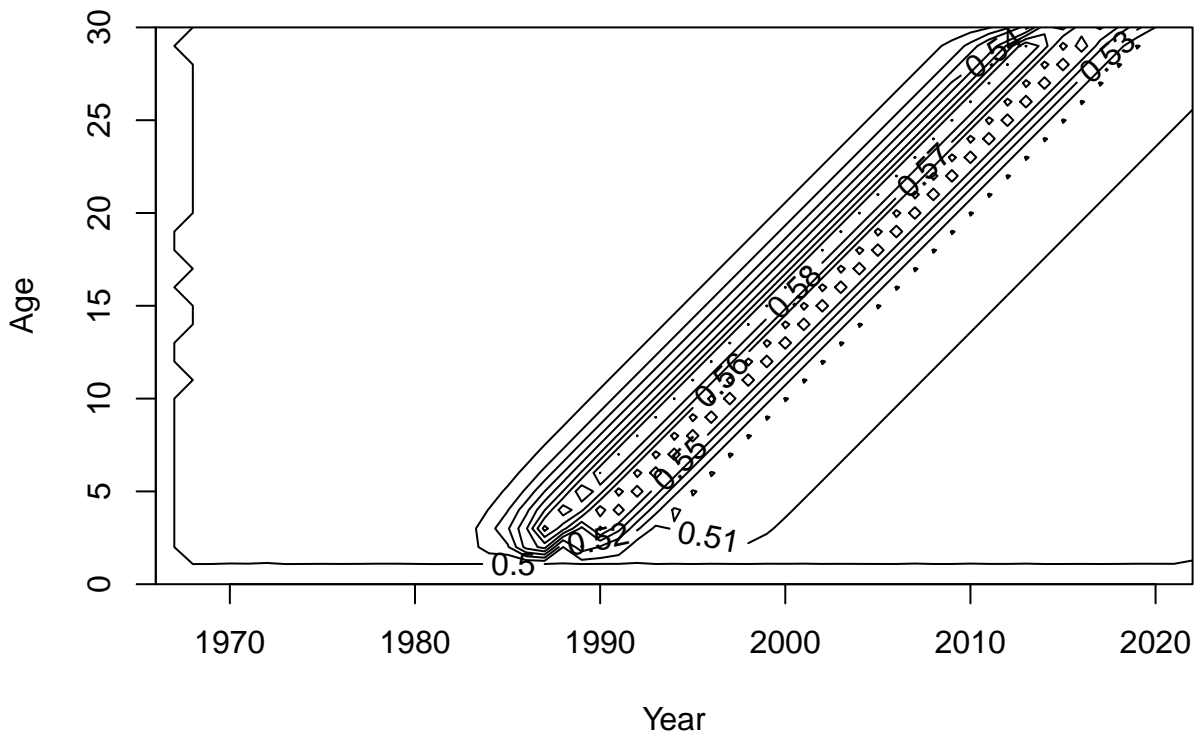


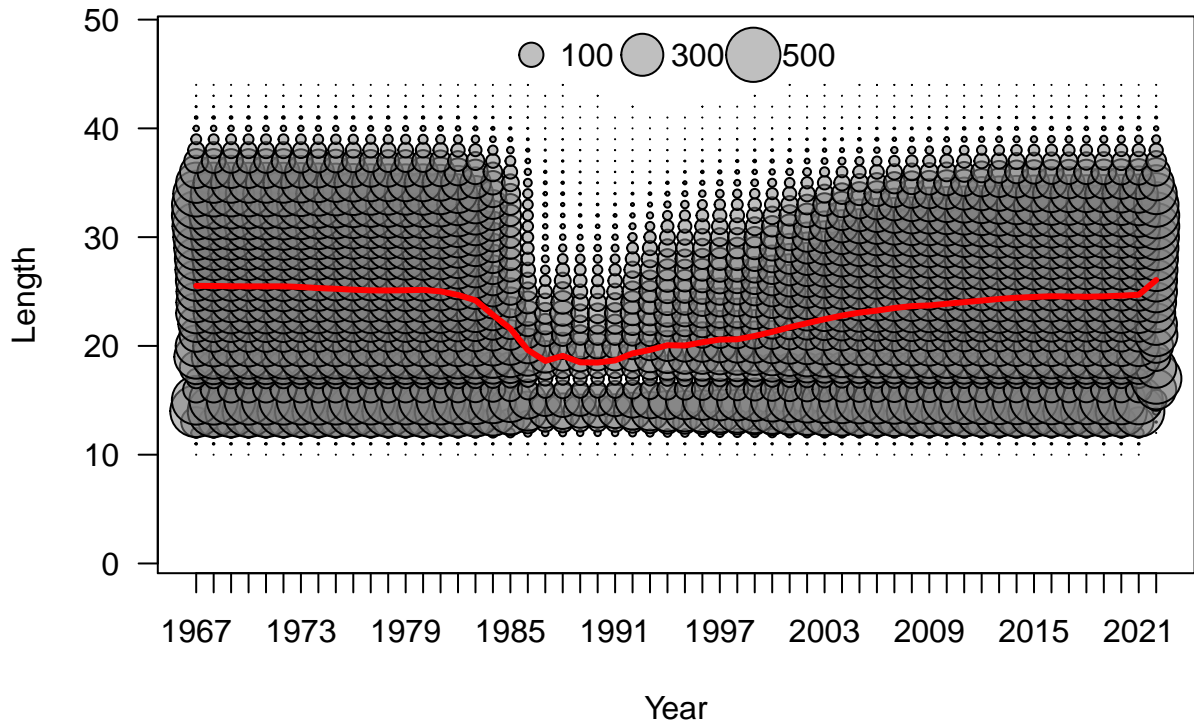


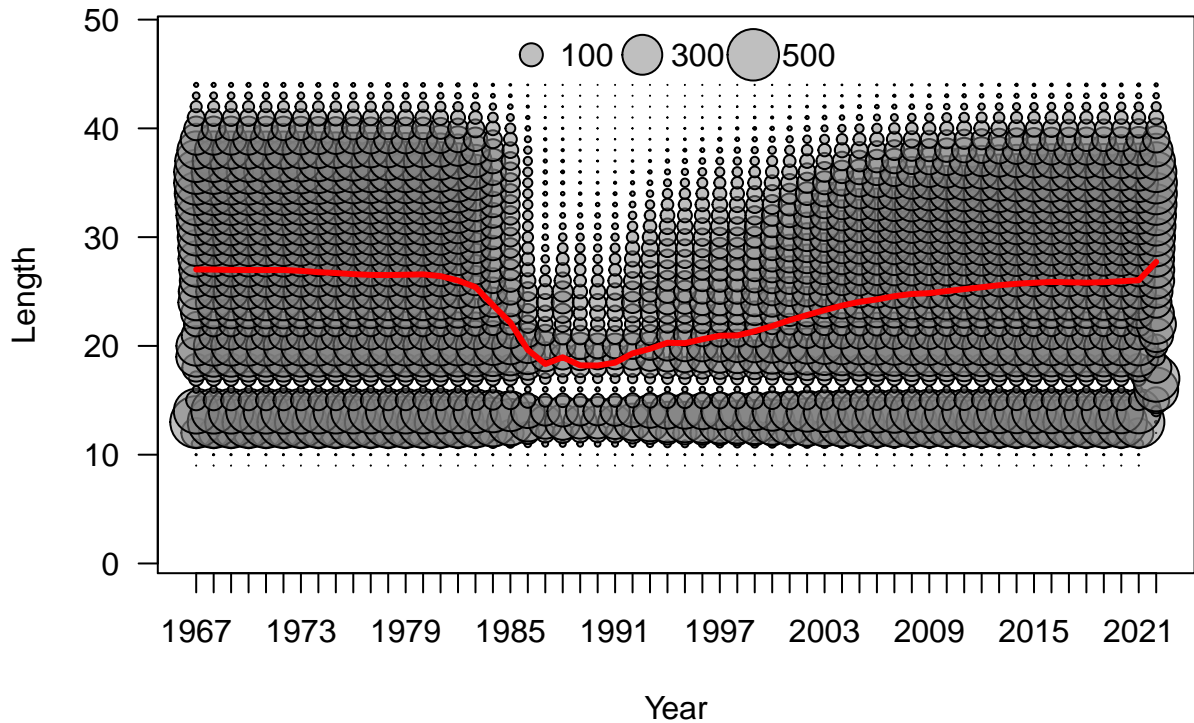


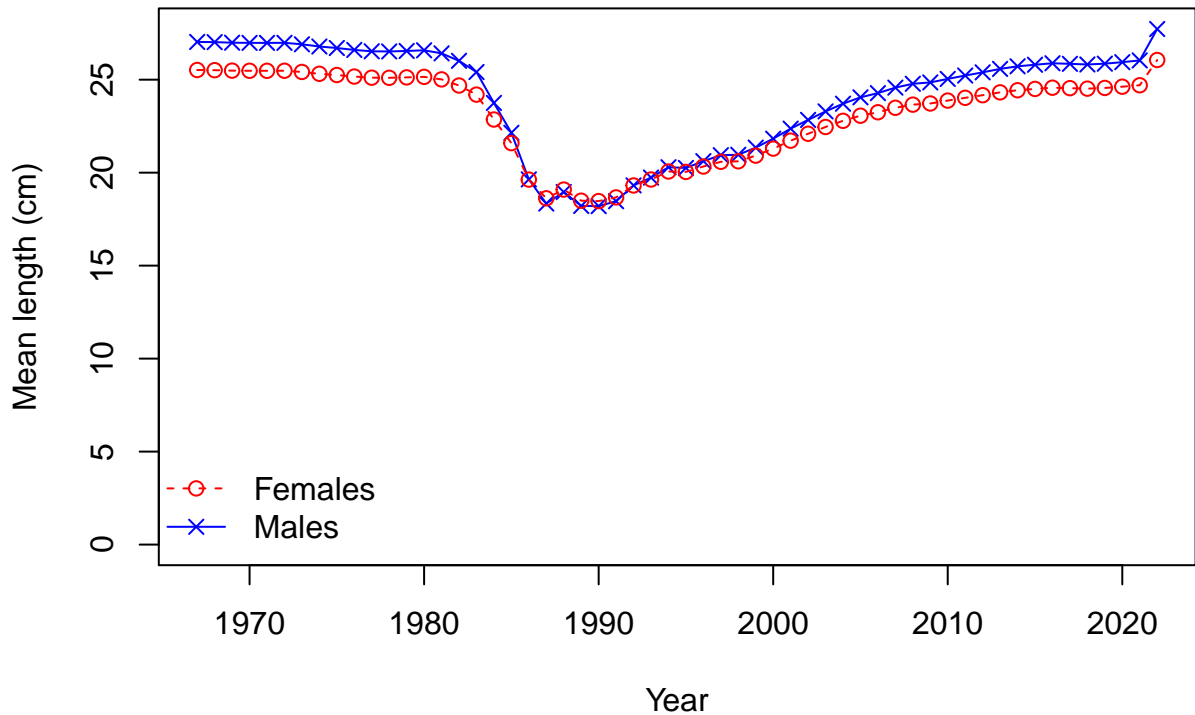


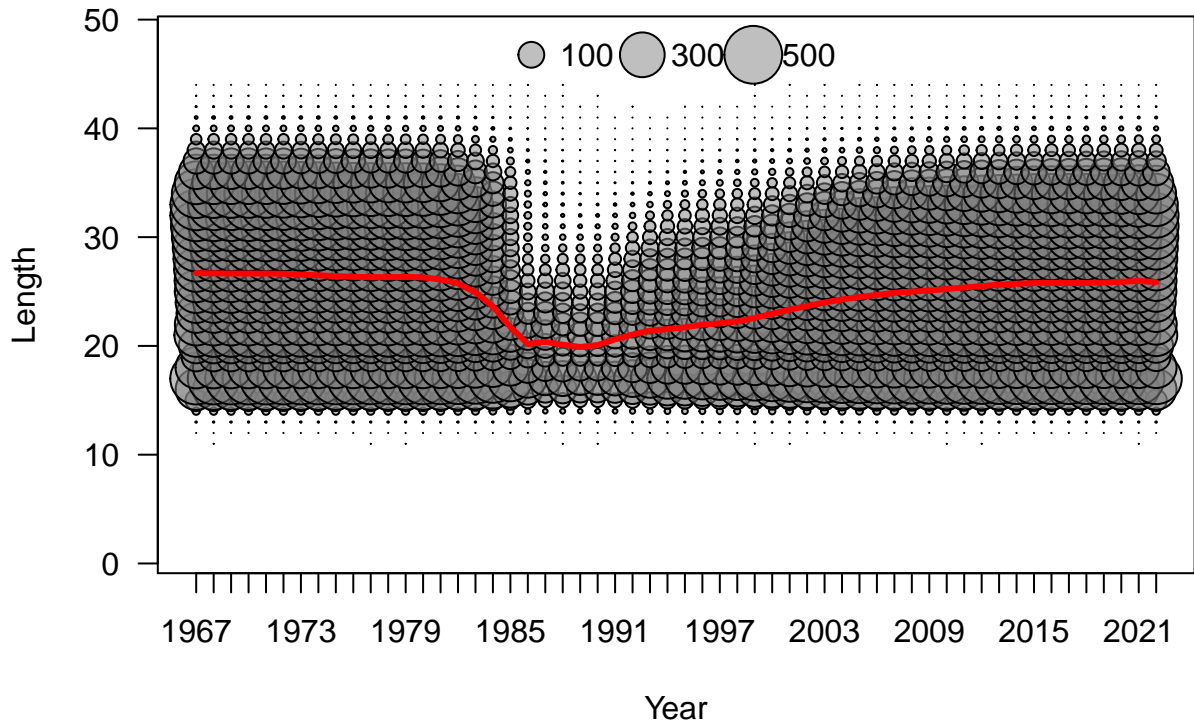


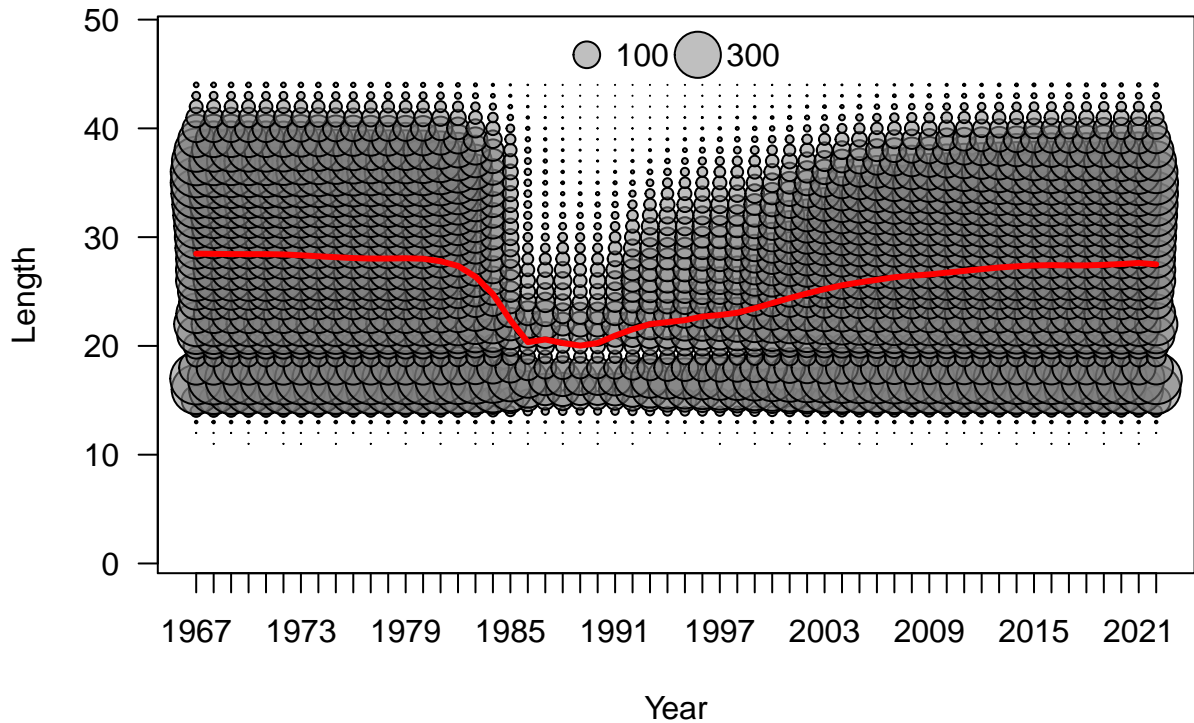


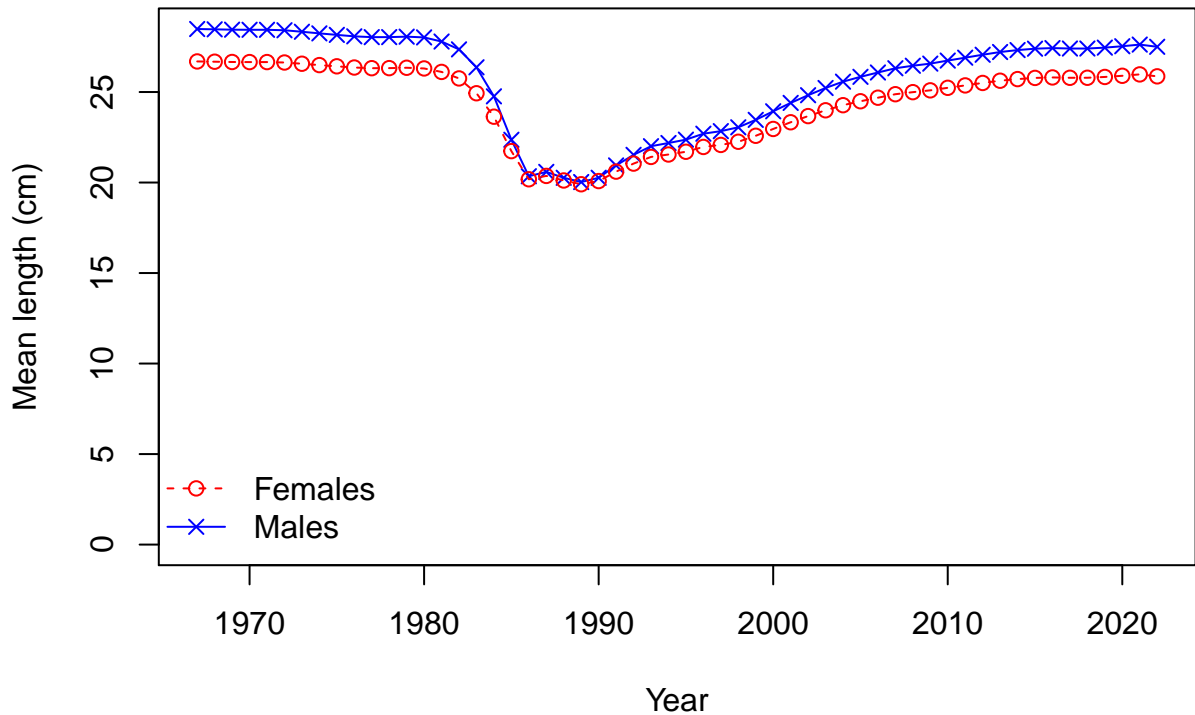






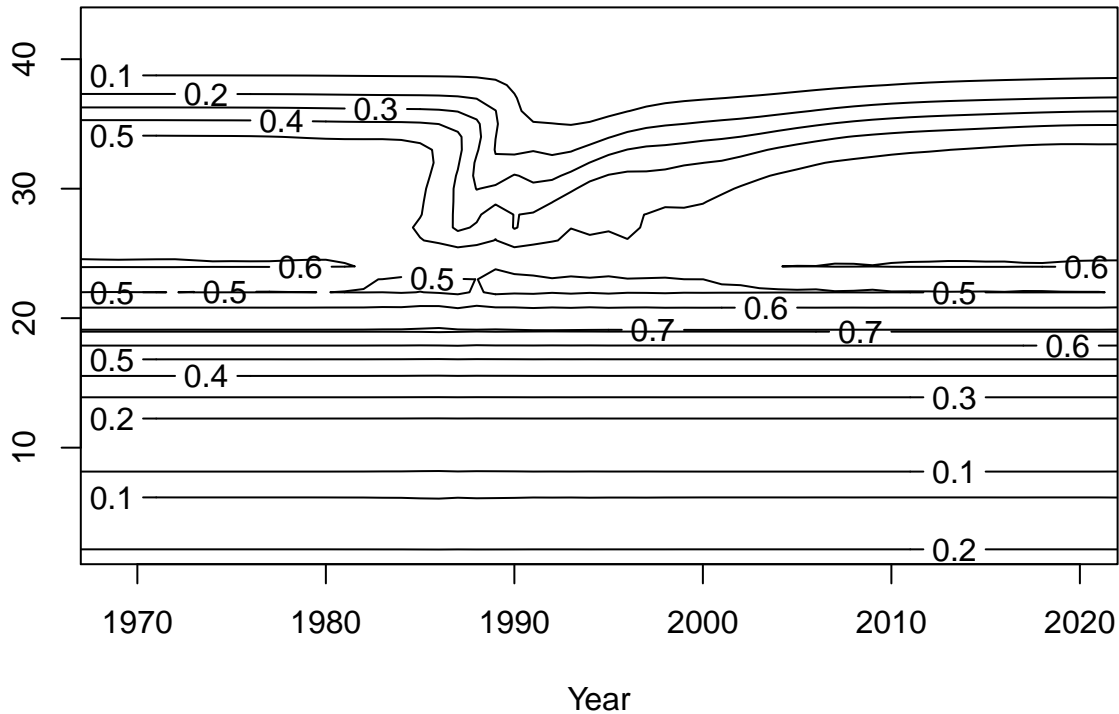


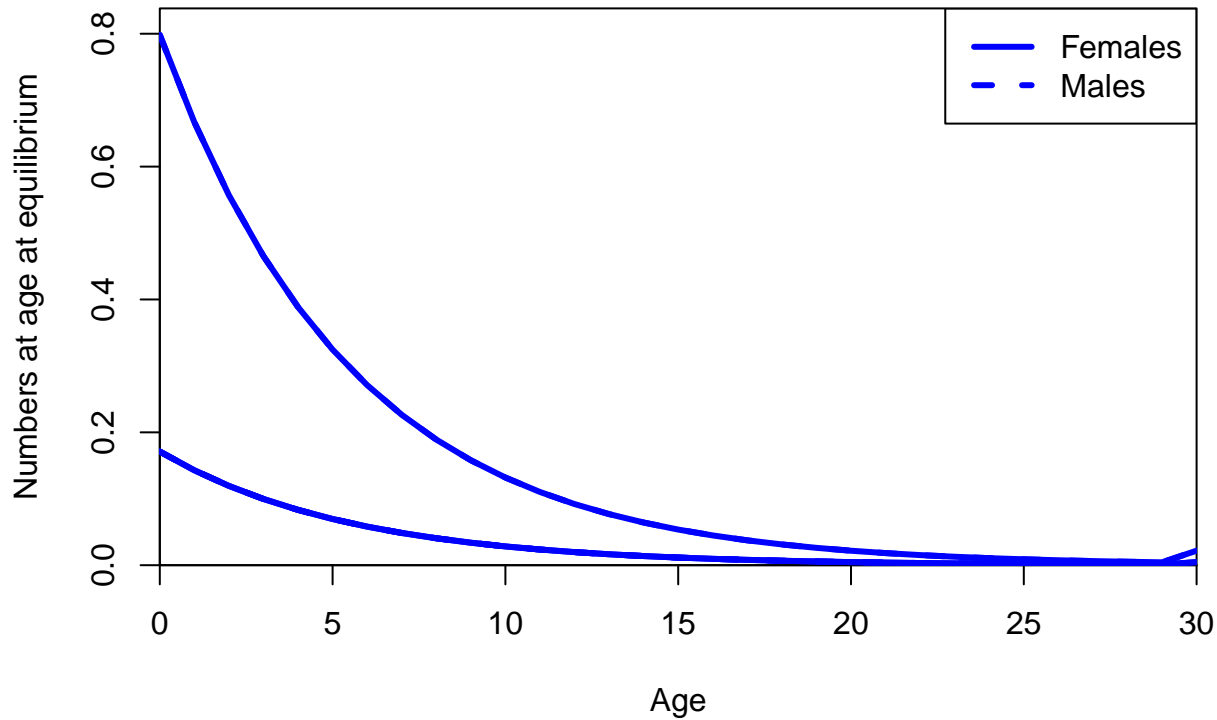






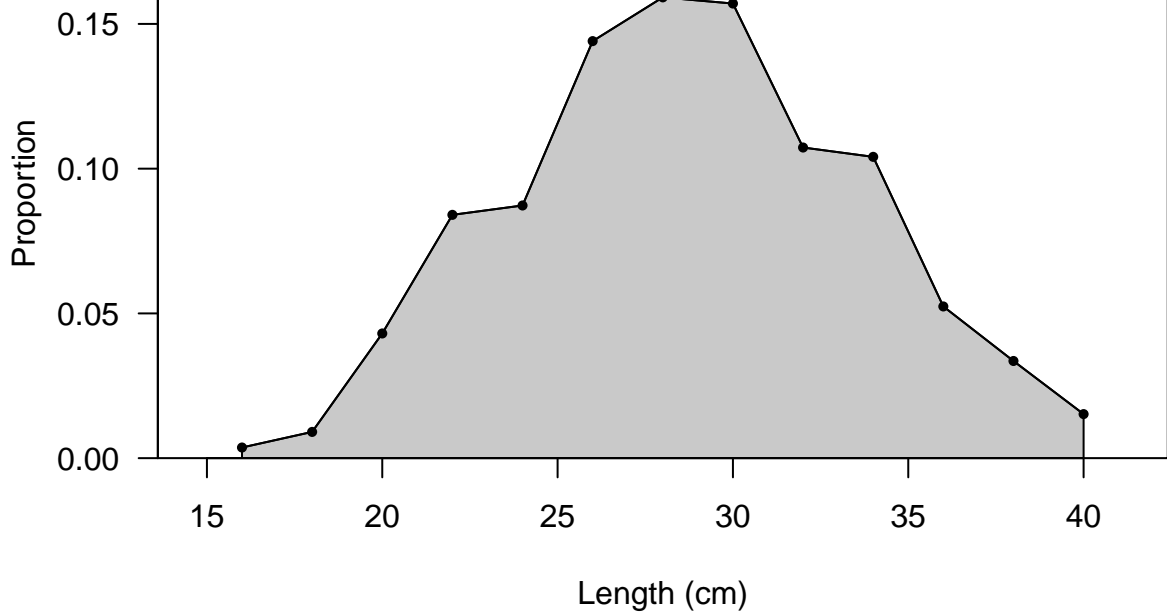
Length





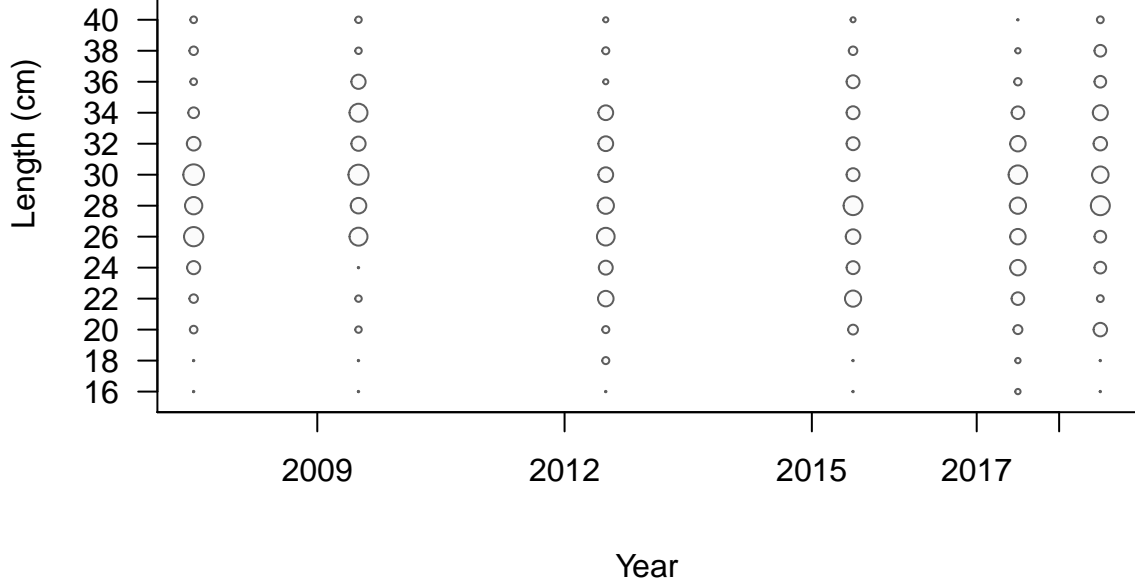
# FISHERY

Sum of N input=308

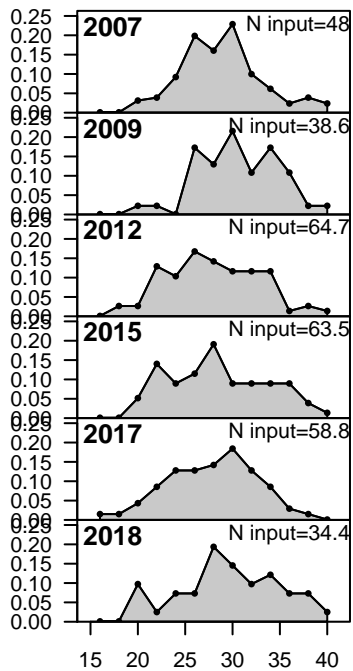


# FISHERY

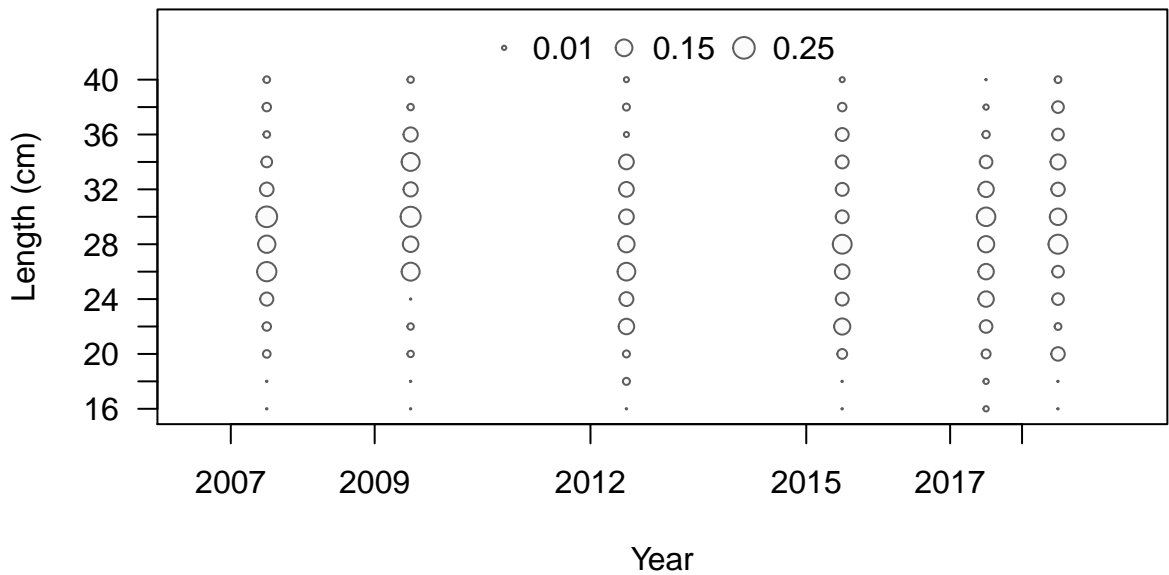
◦ 0.01 ○ 0.15 ○ 0.25



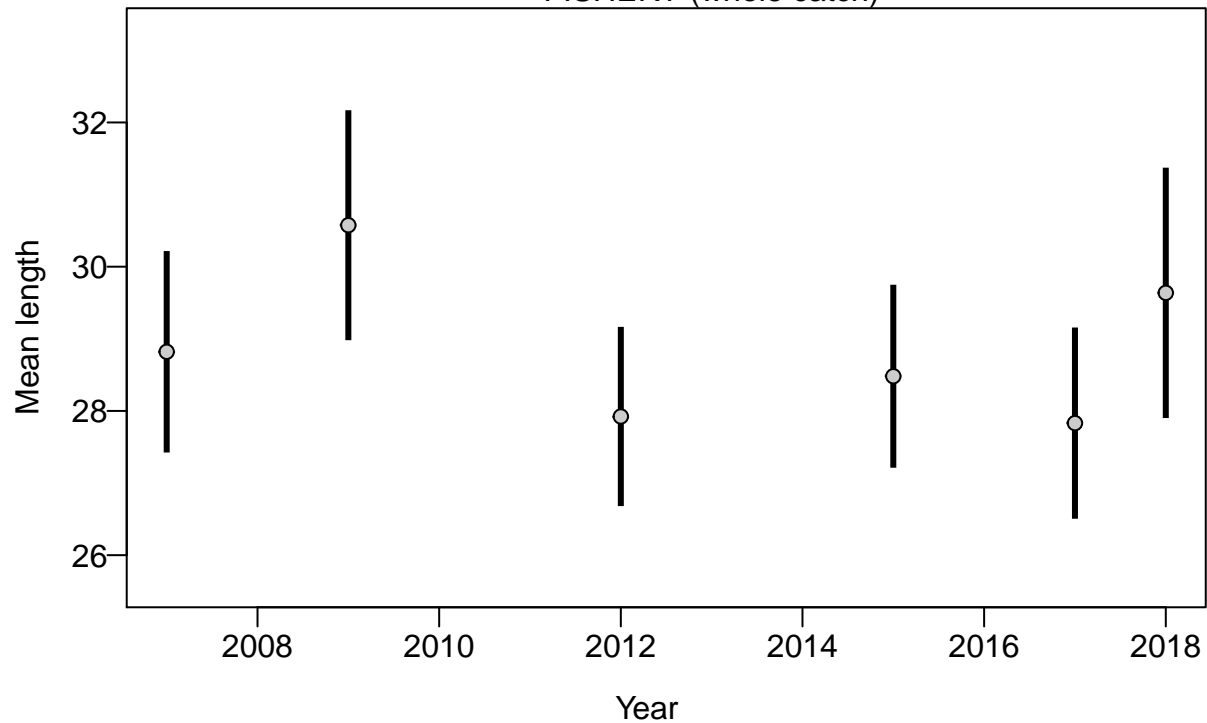
Proportion



Length (cm)

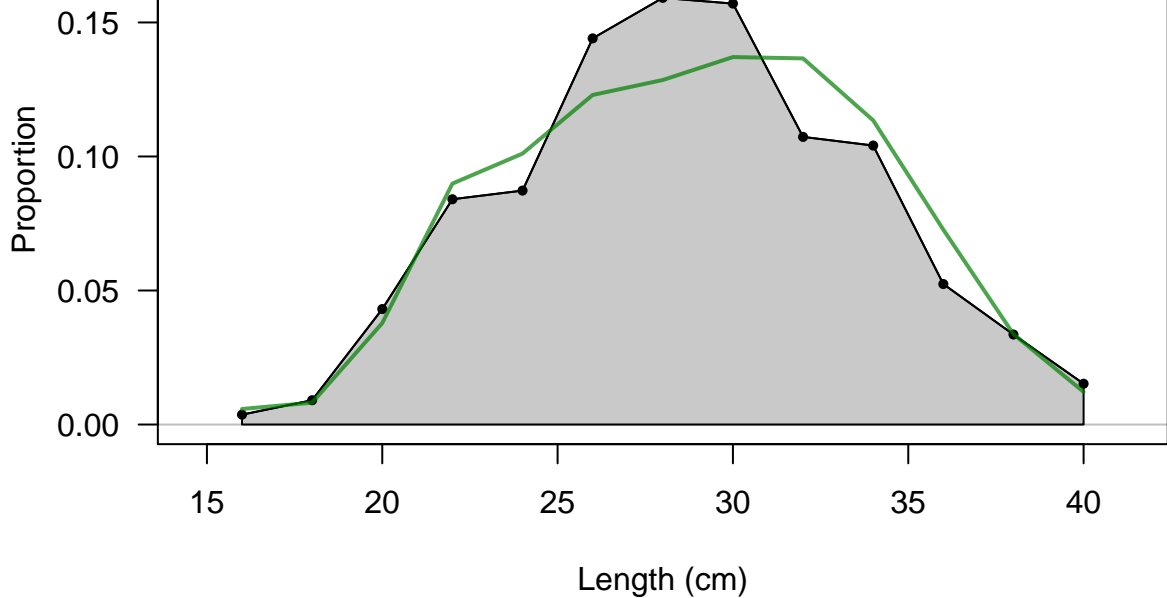


# FISHERY (whole catch)

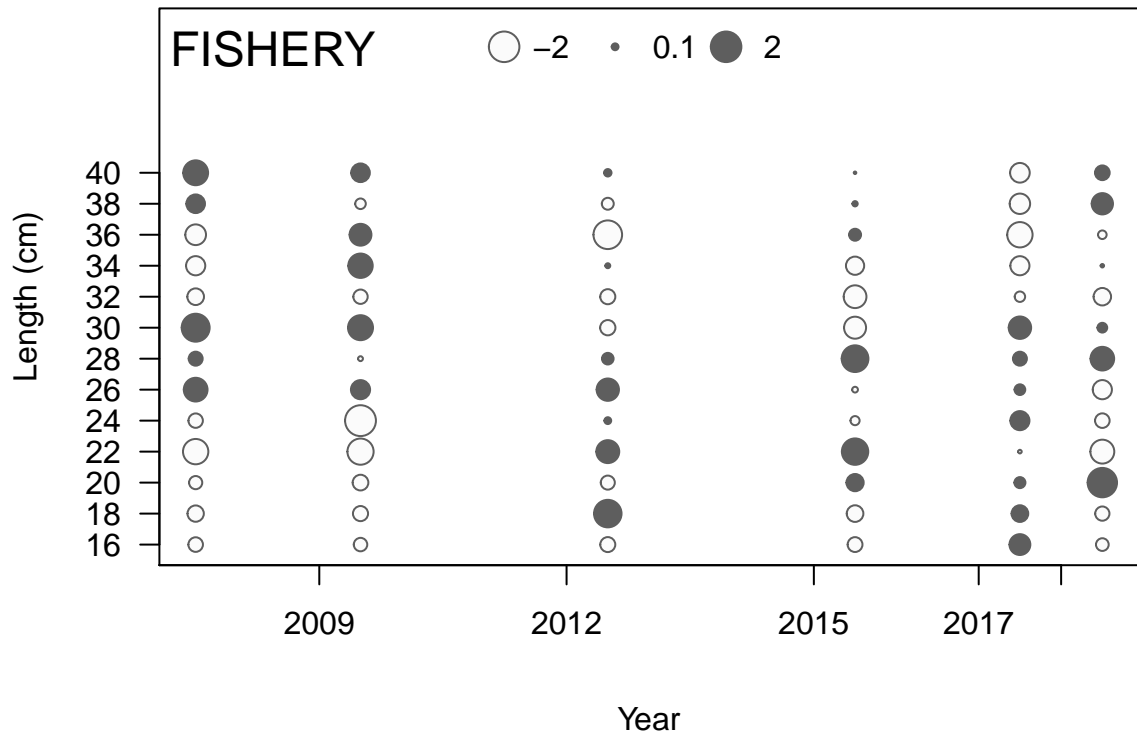


# FISHERY

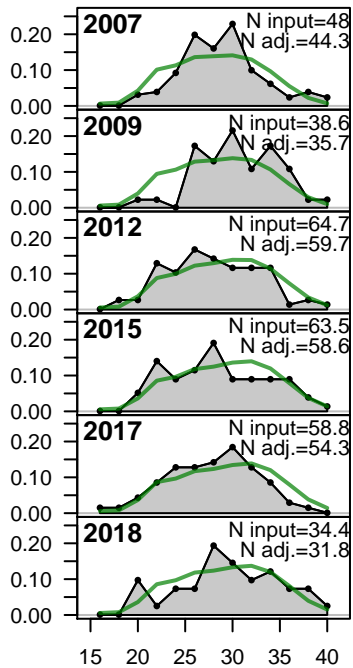
Sum of N input=308  
Sum of N adj.=284.3



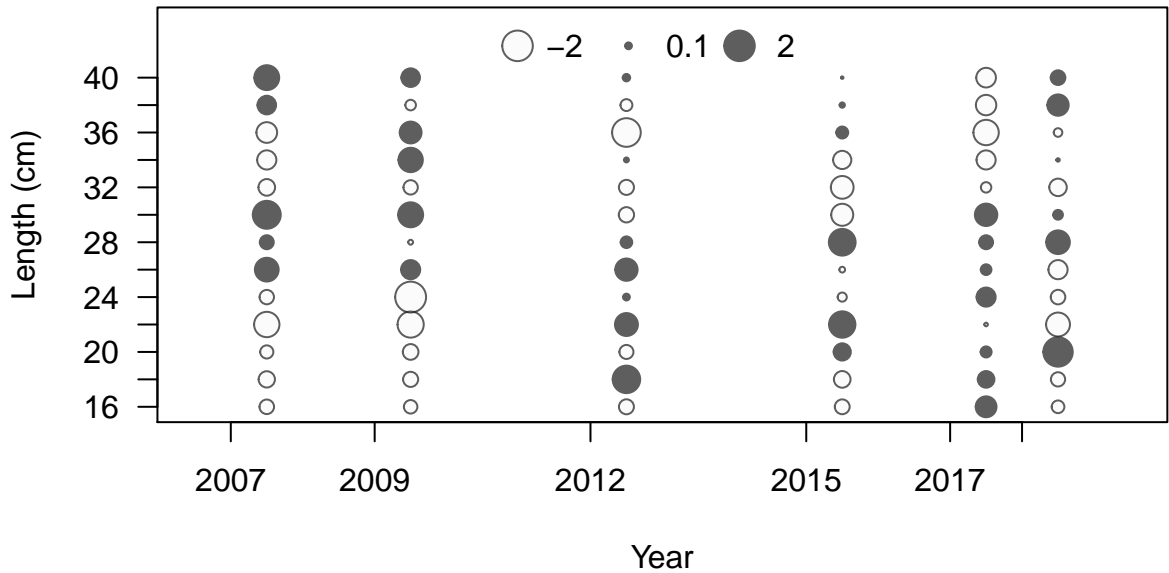




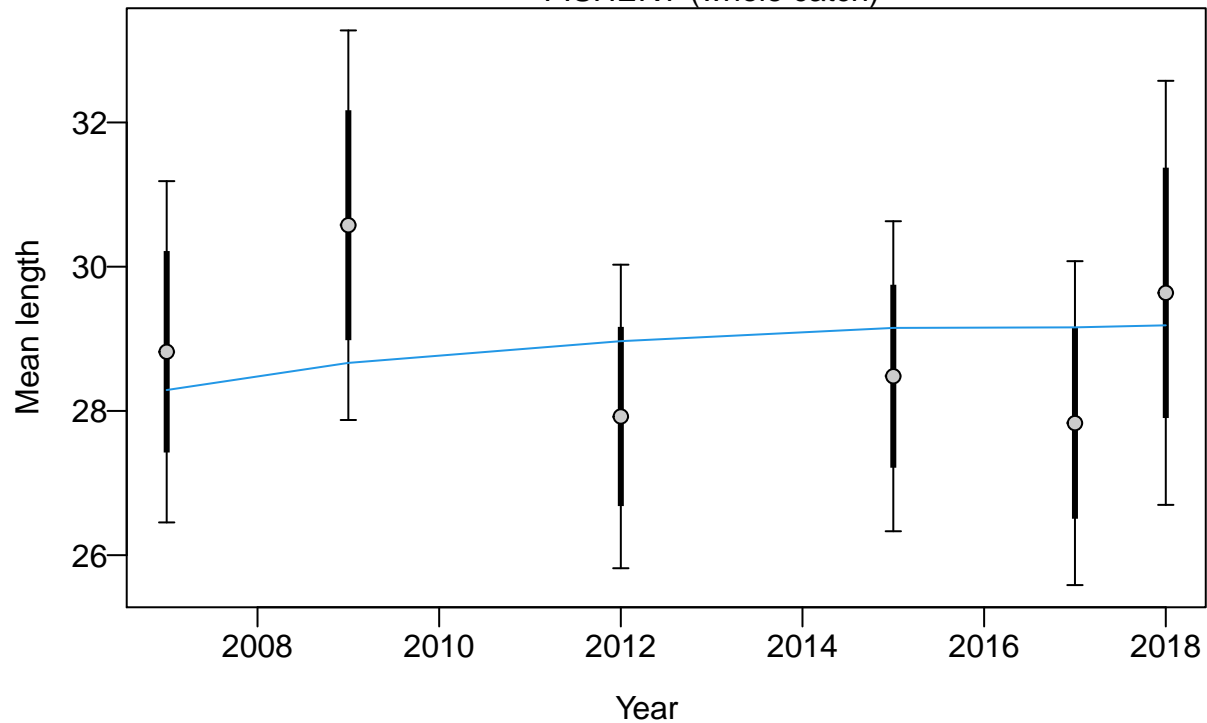
Proportion

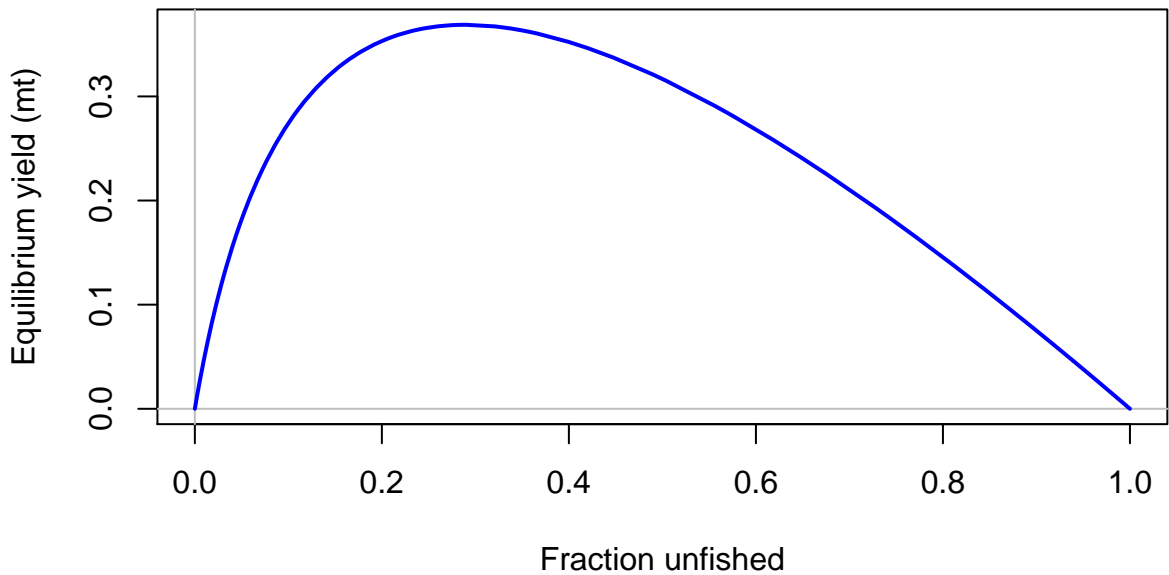


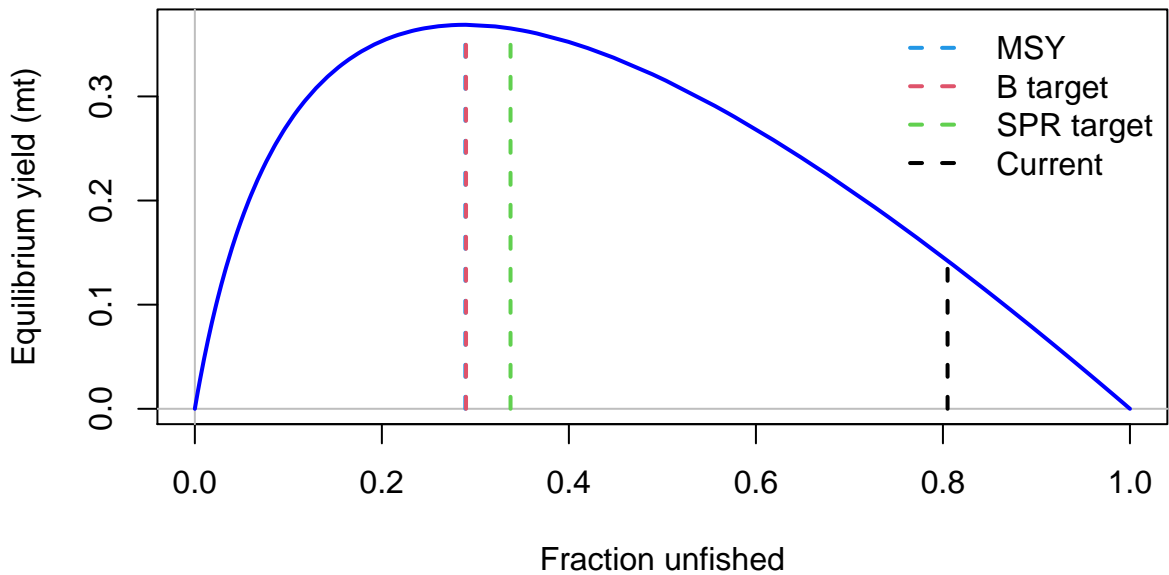
Length (cm)

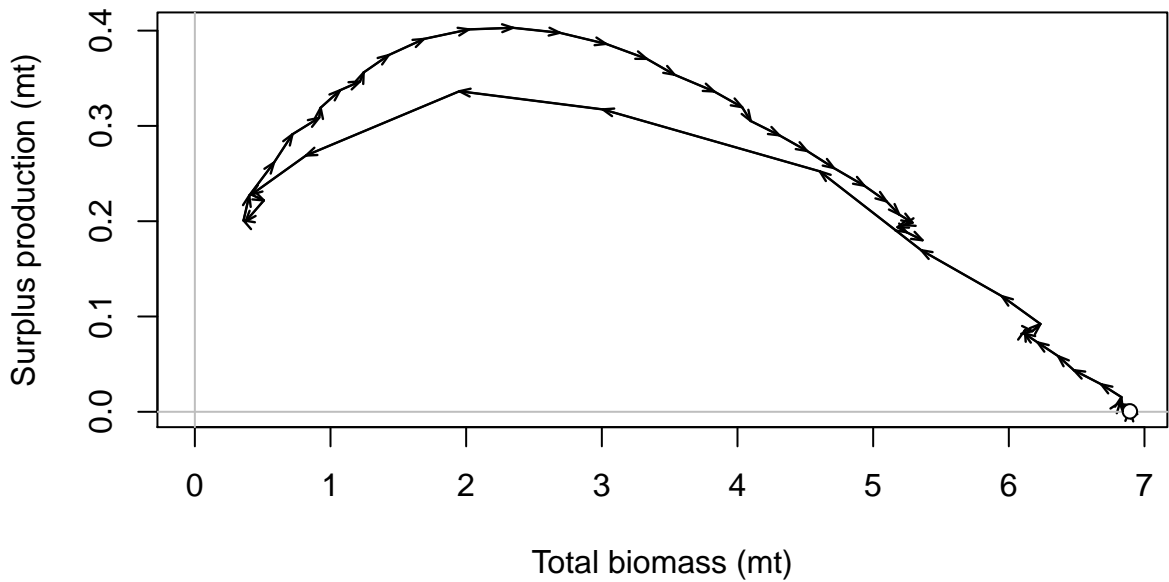


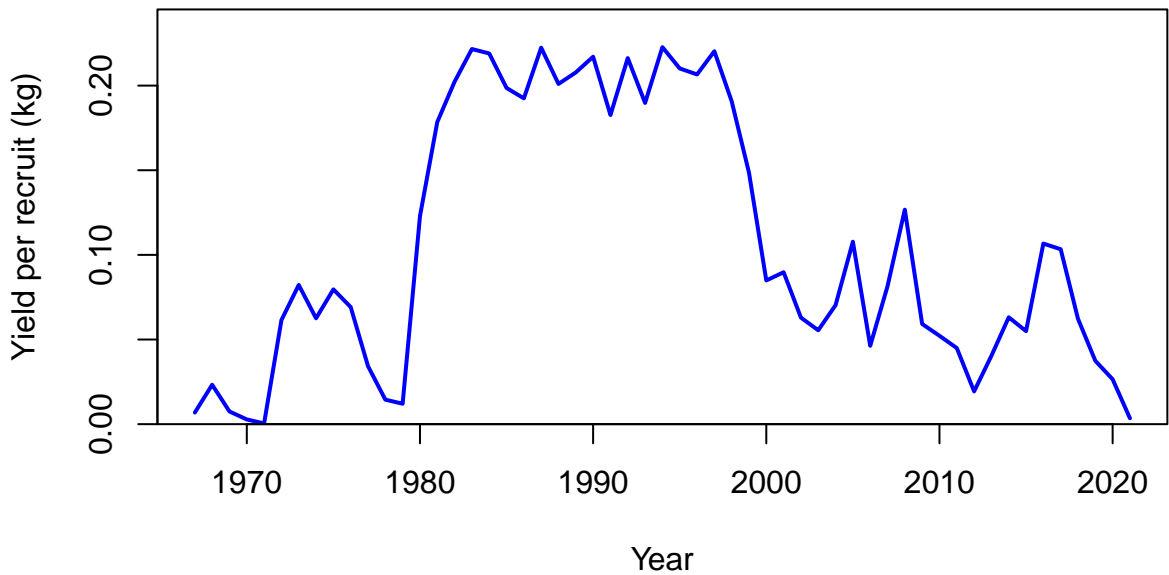
FISHERY (whole catch)



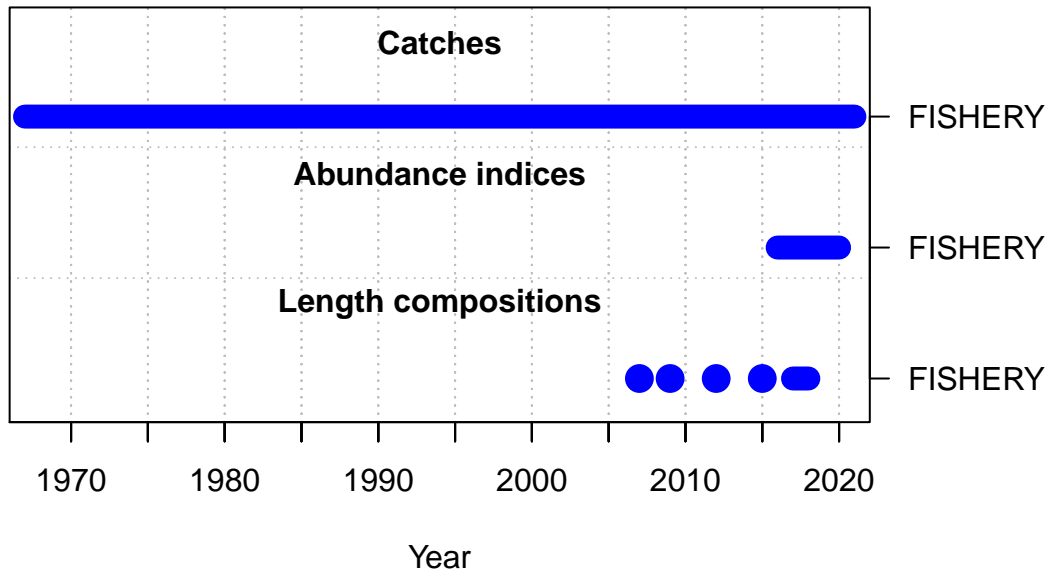


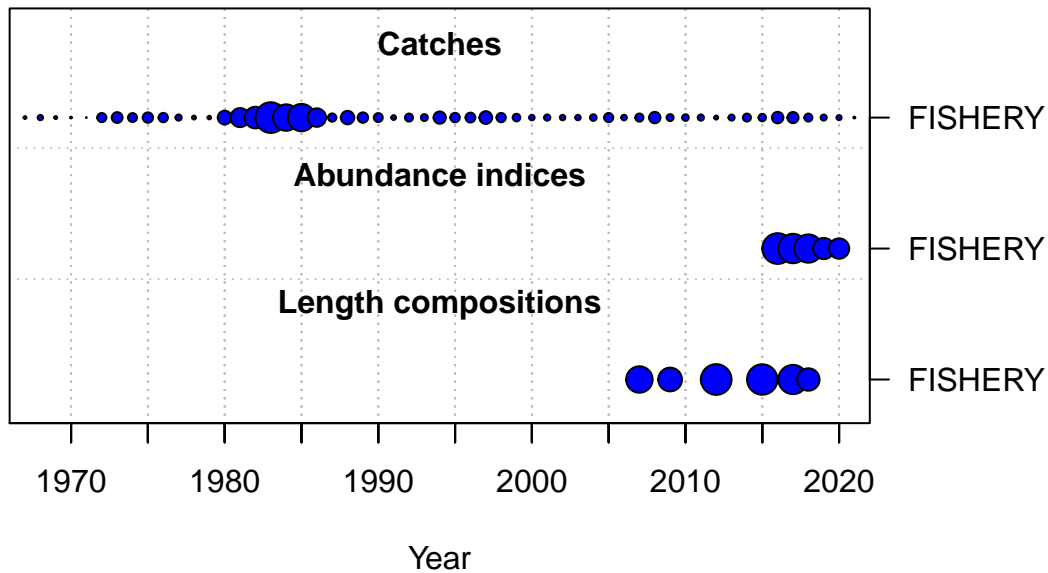




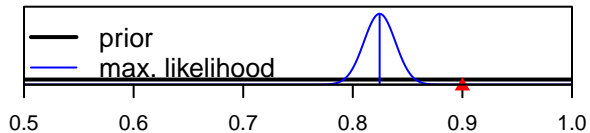




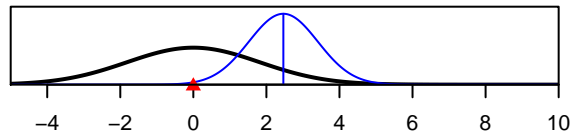




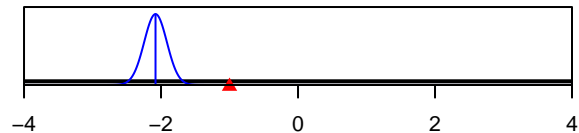
SR\_LN(R0)



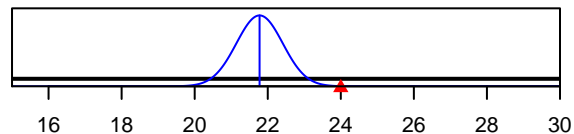
ln(DM\_theta)\_1



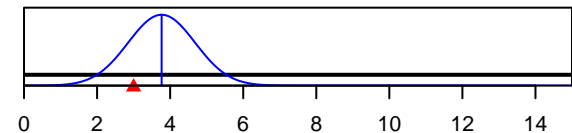
LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Size\_95%width\_FISHERY(1)



Parameter value