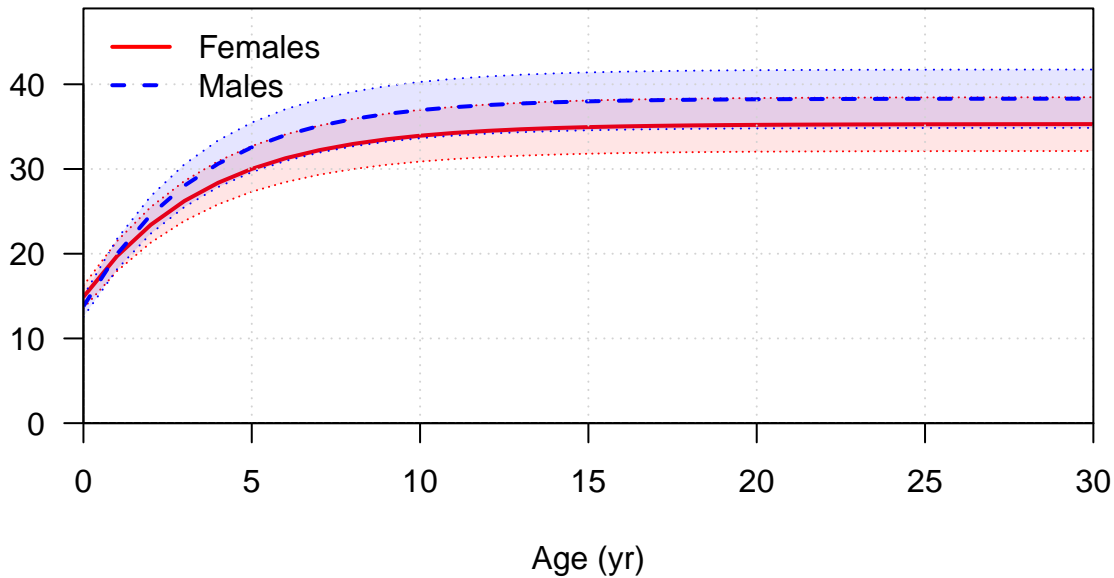


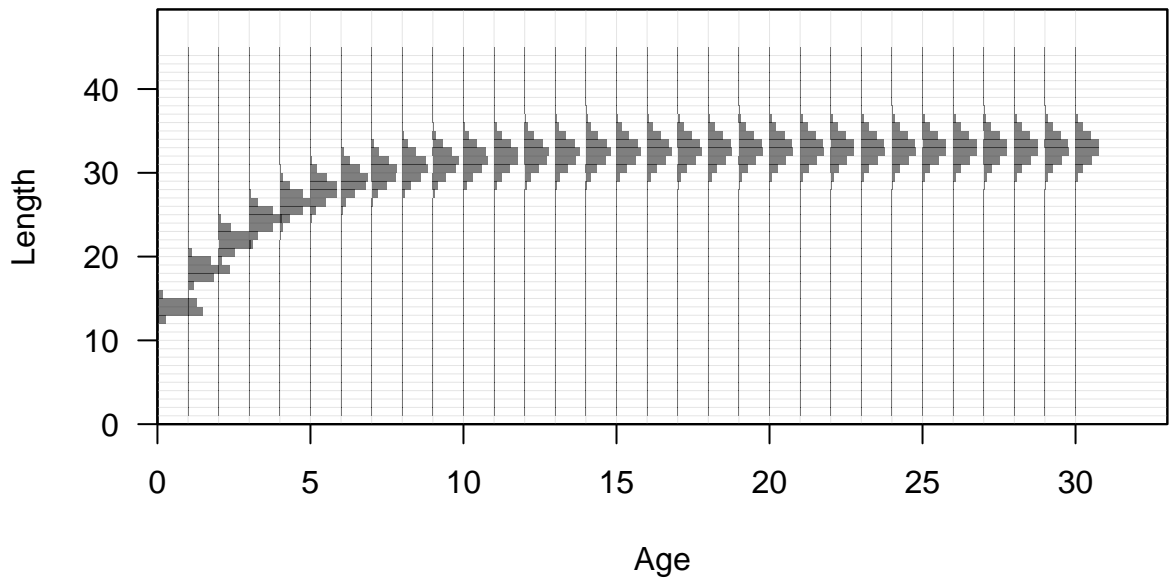
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Wed Aug 24 16:18:37 2022  
Data\_File: data.ss  
Control\_File: control.ss

Length (cm, beginning of the year)







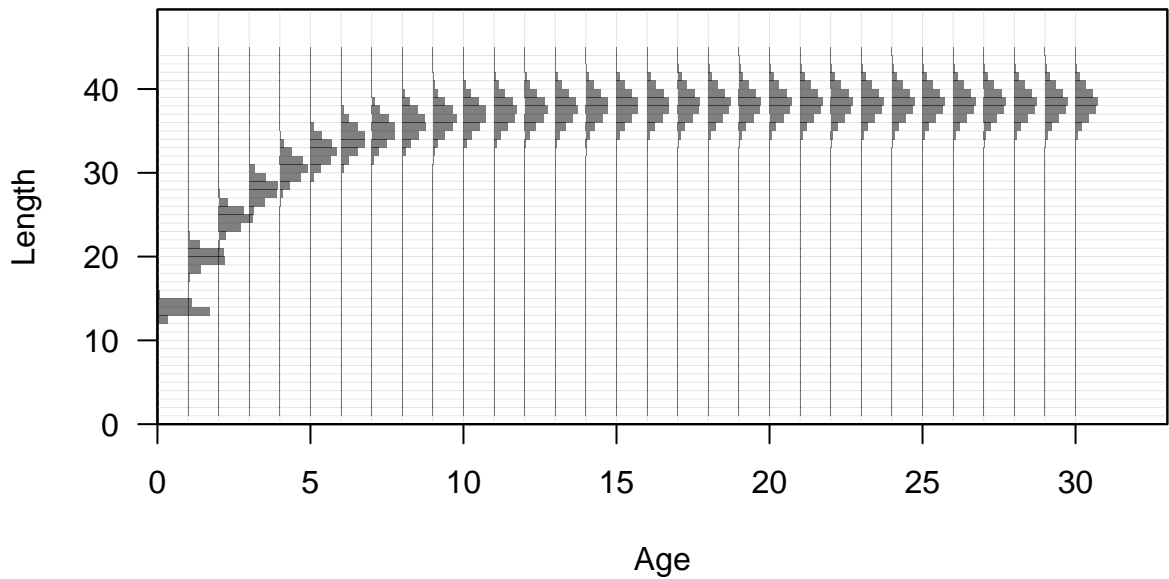














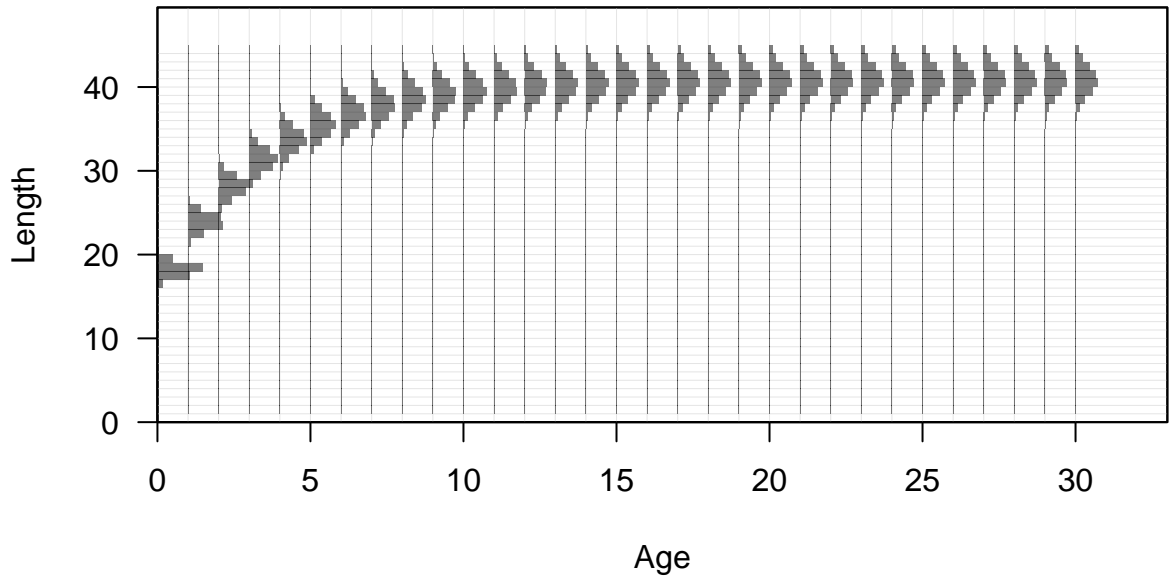
























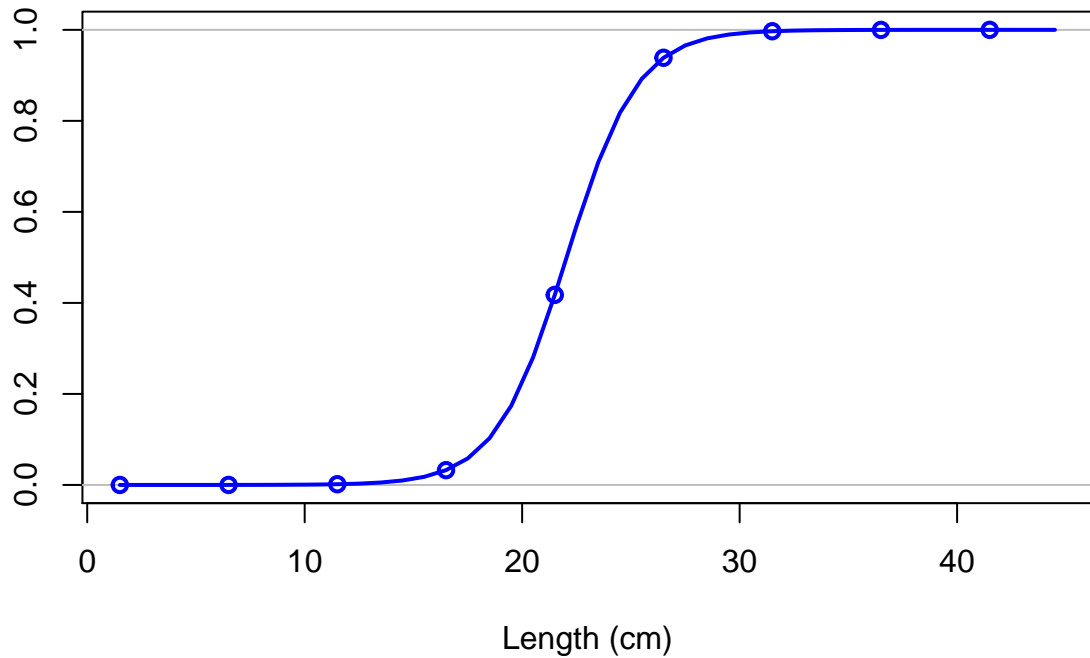




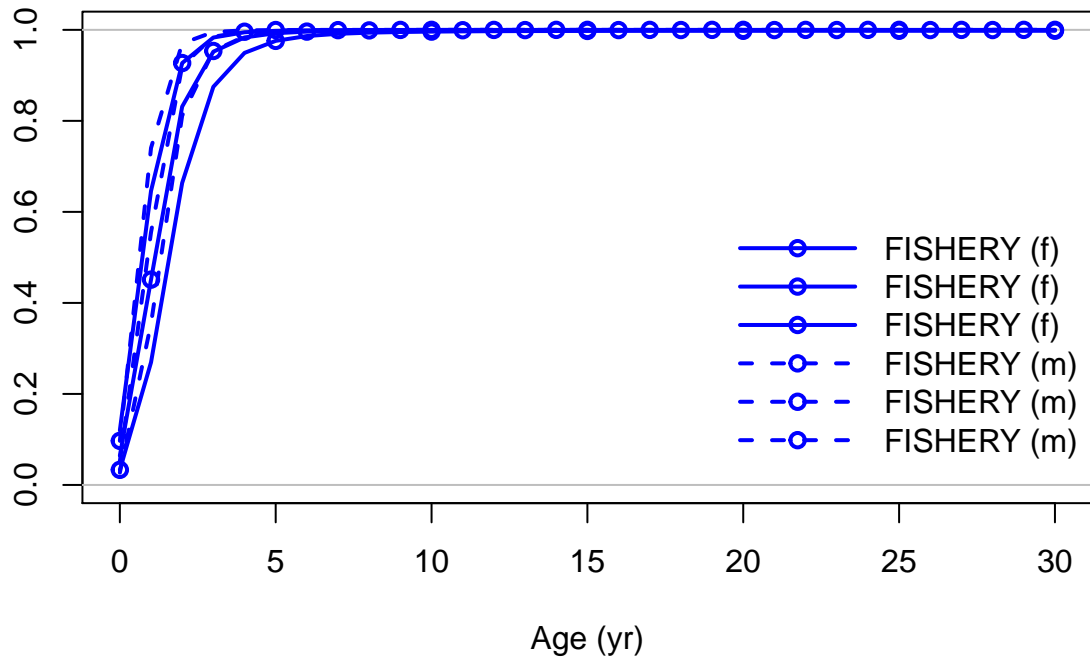




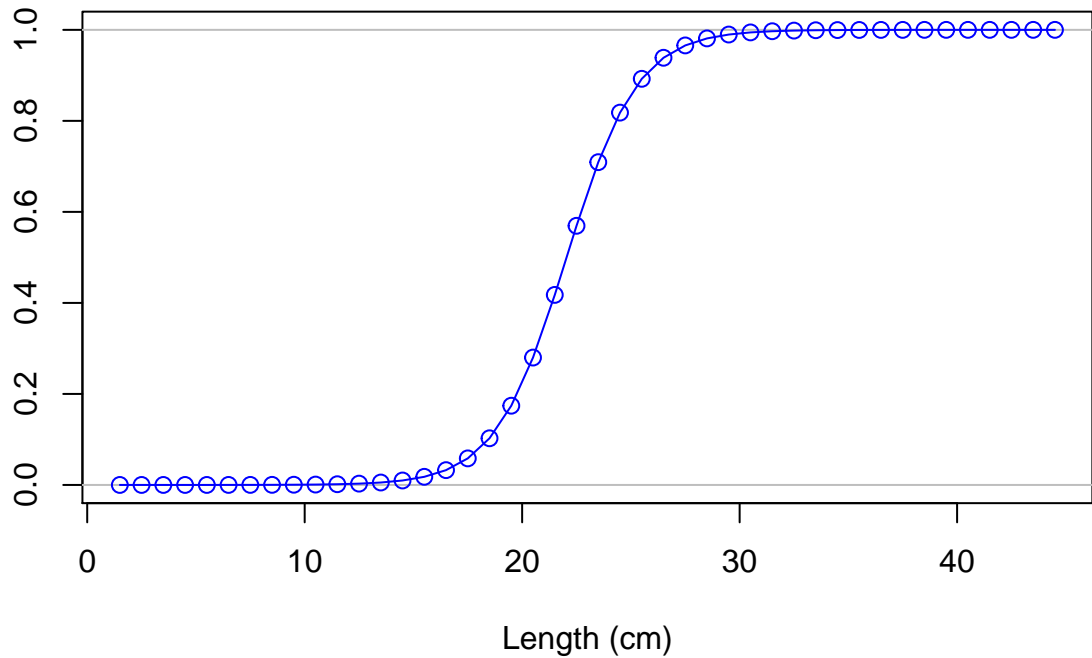
Selectivity



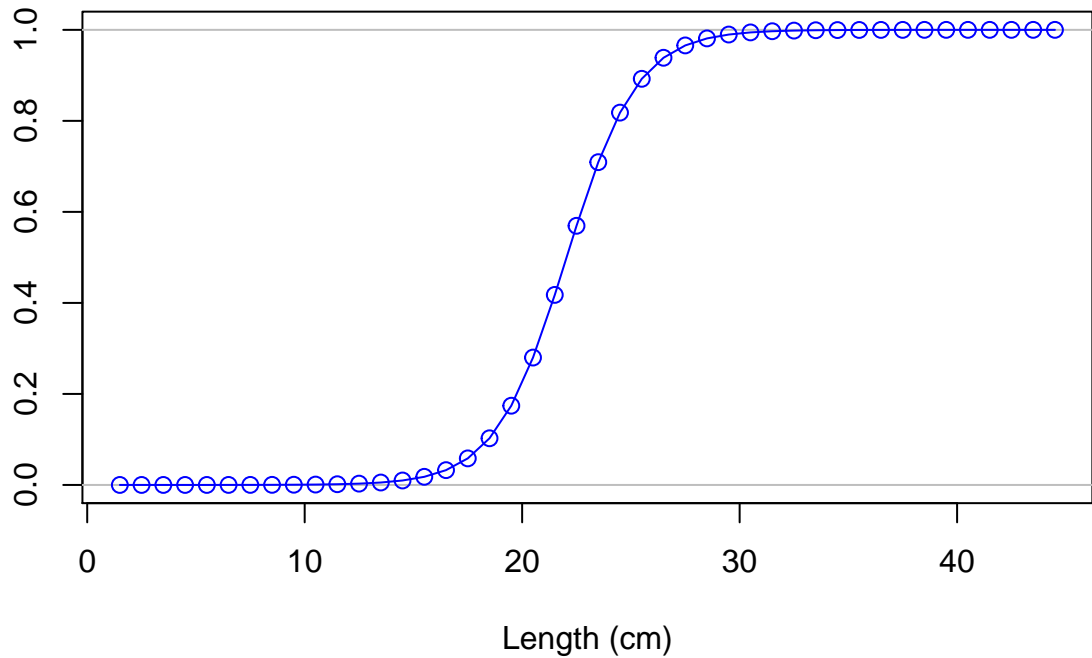
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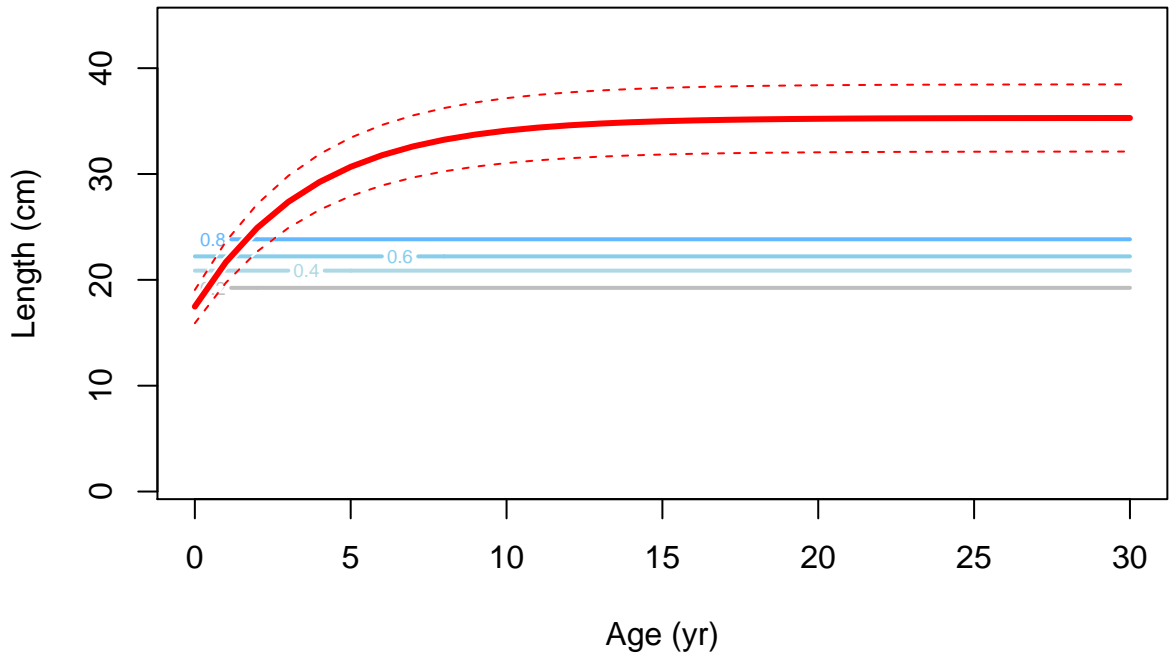


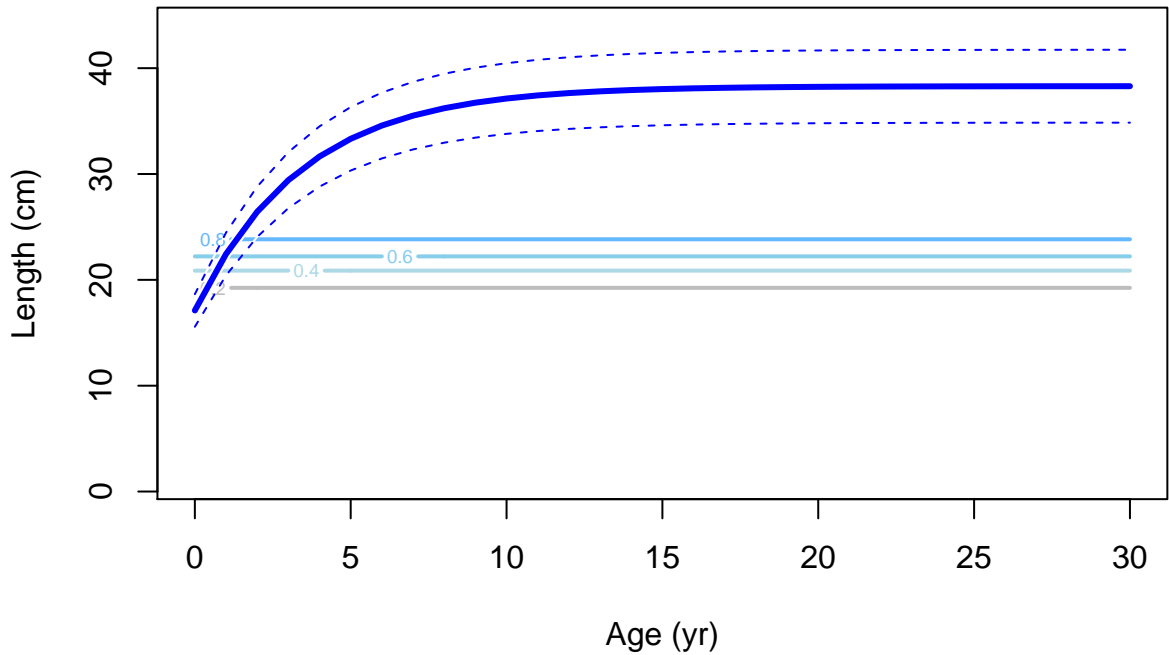
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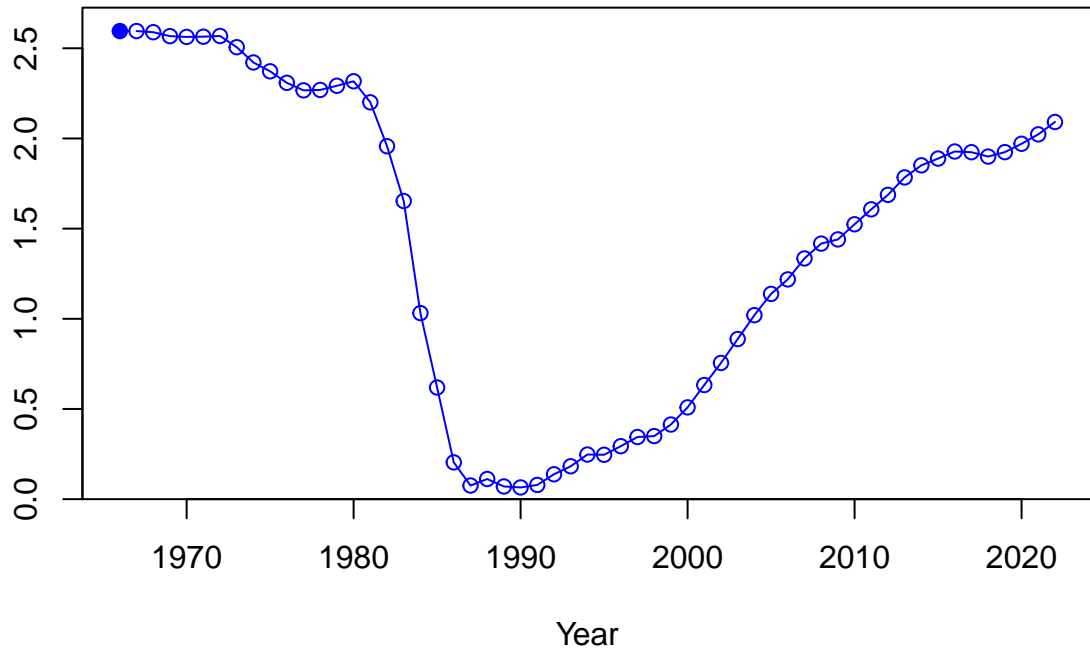
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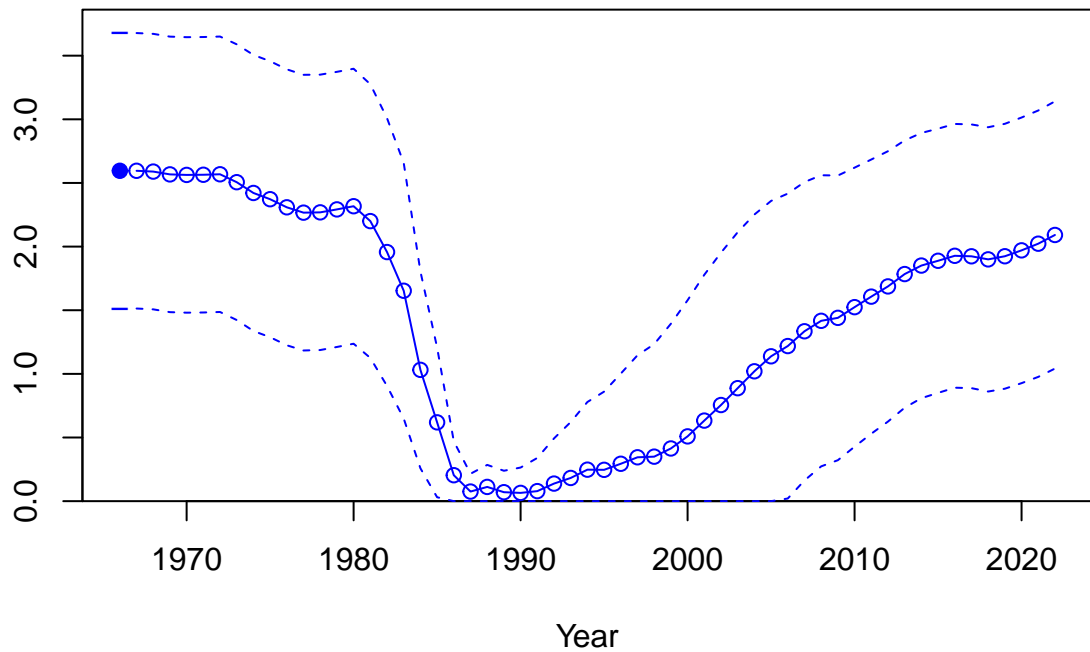




Spawning biomass (mt)

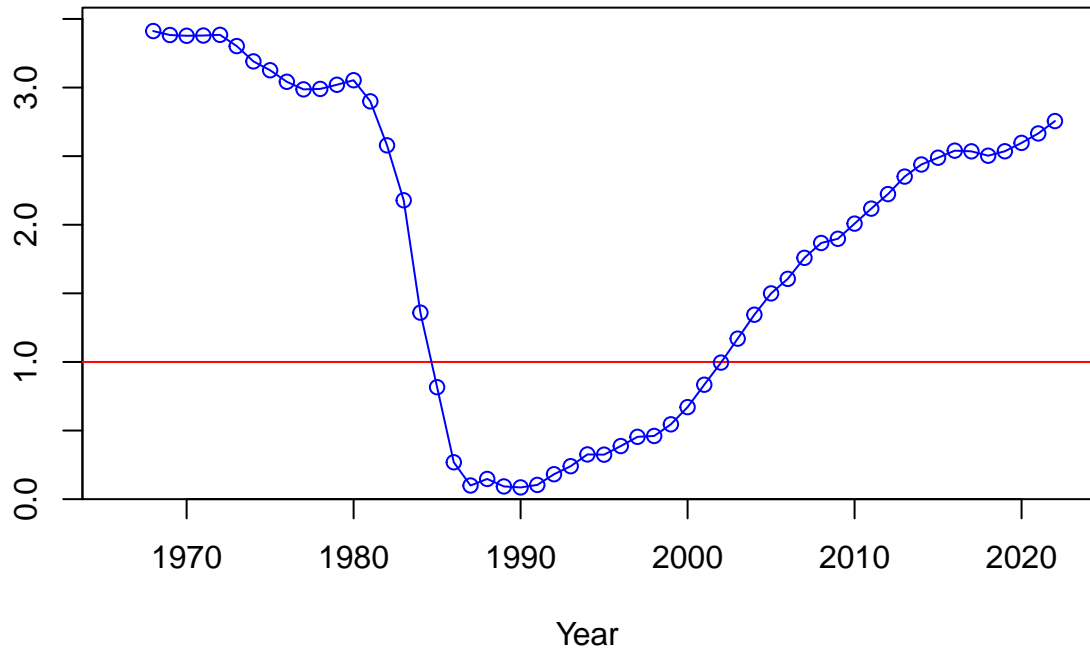


Spawning biomass (mt)

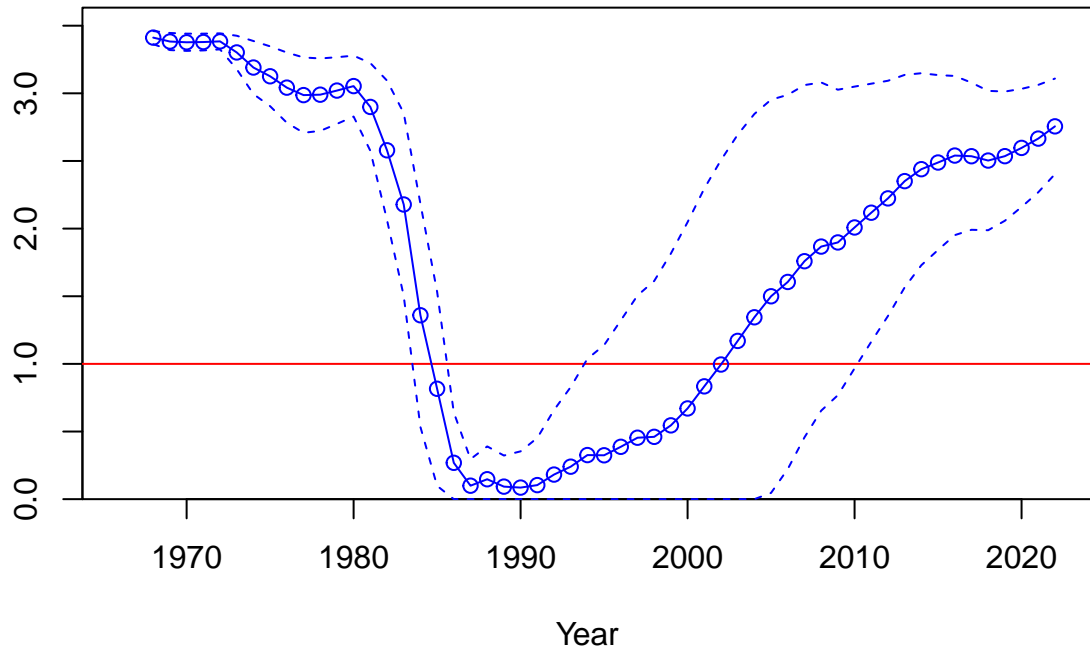


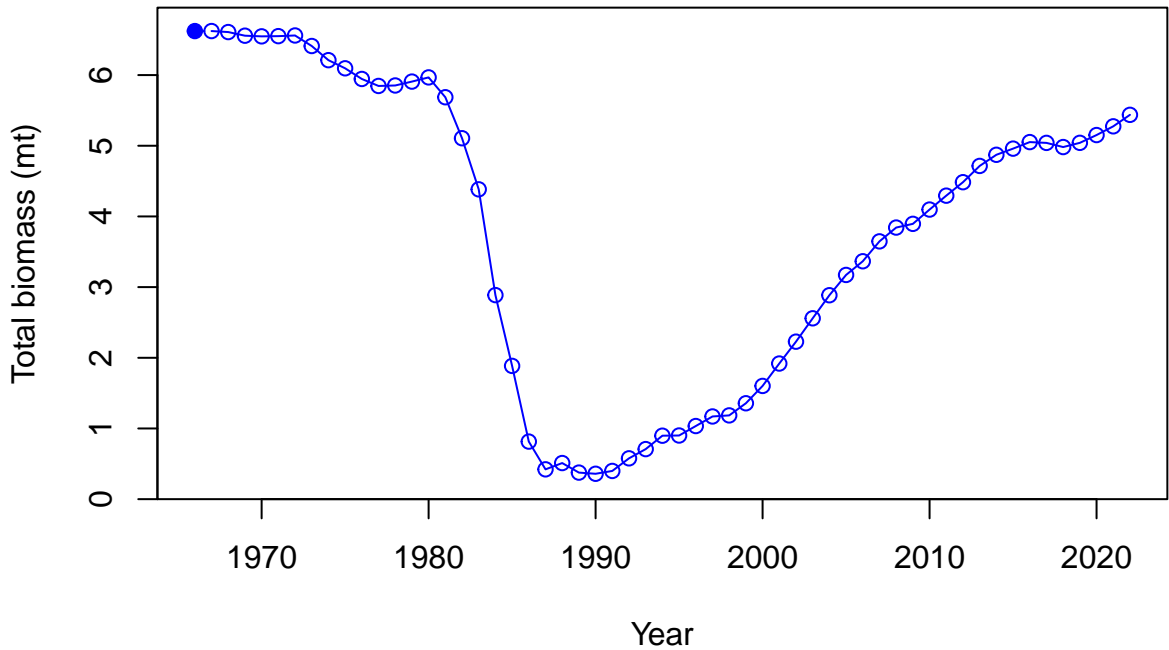


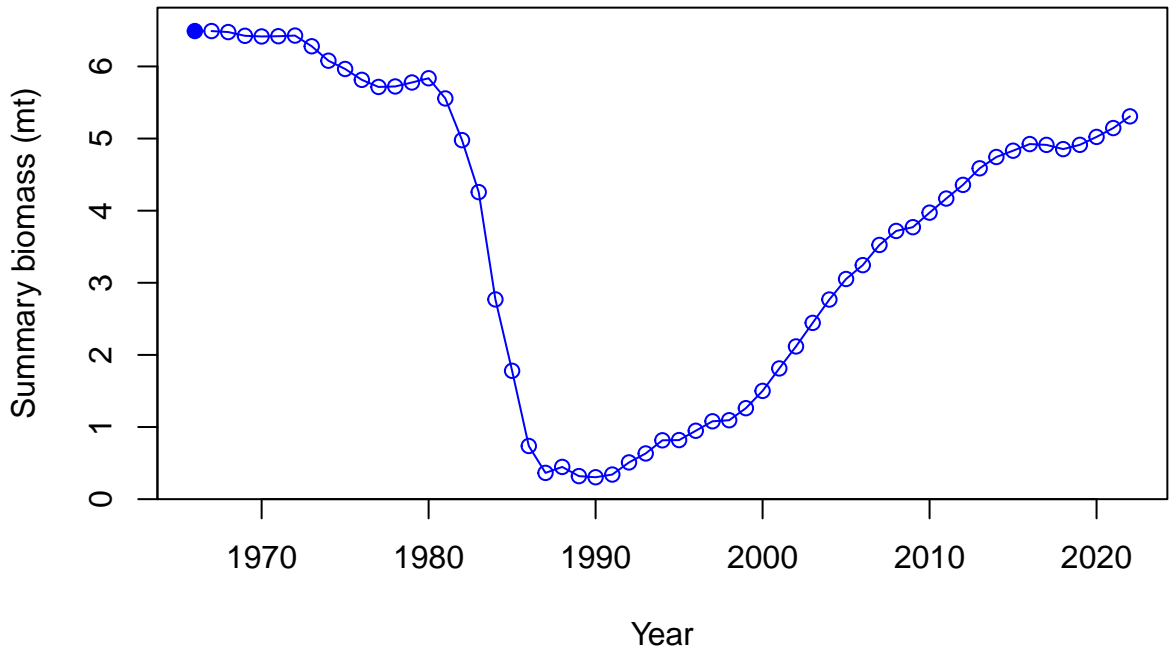
Relative spawning biomass:  $B/B_{MSY}$

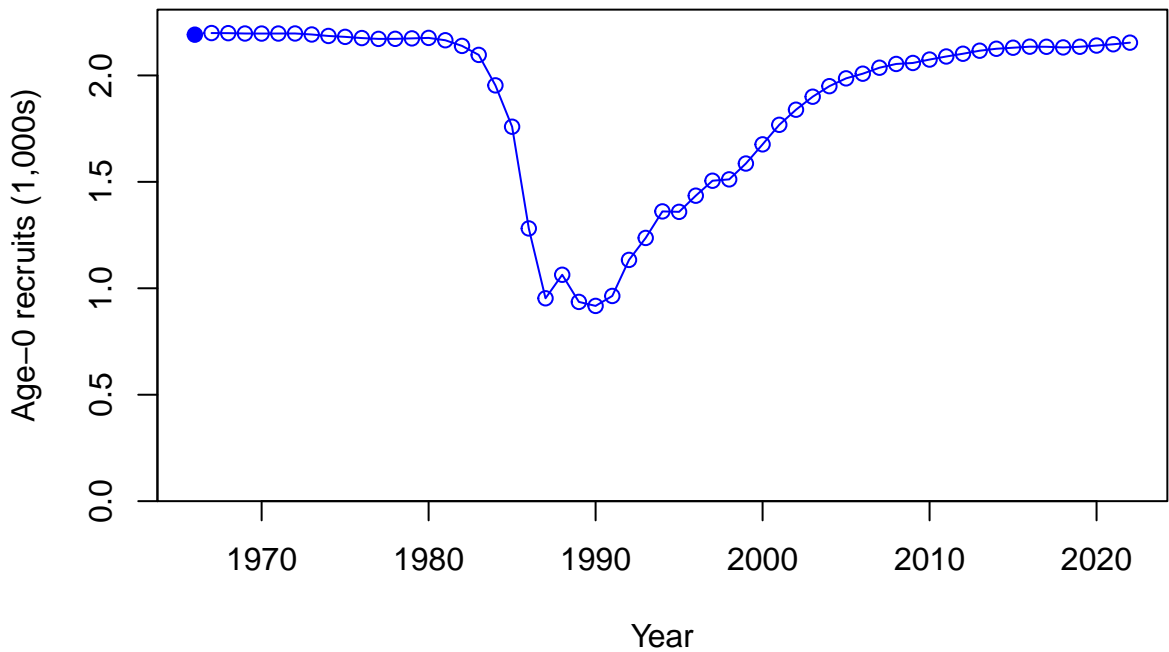


Relative spawning biomass:  $B/B_{MSY}$

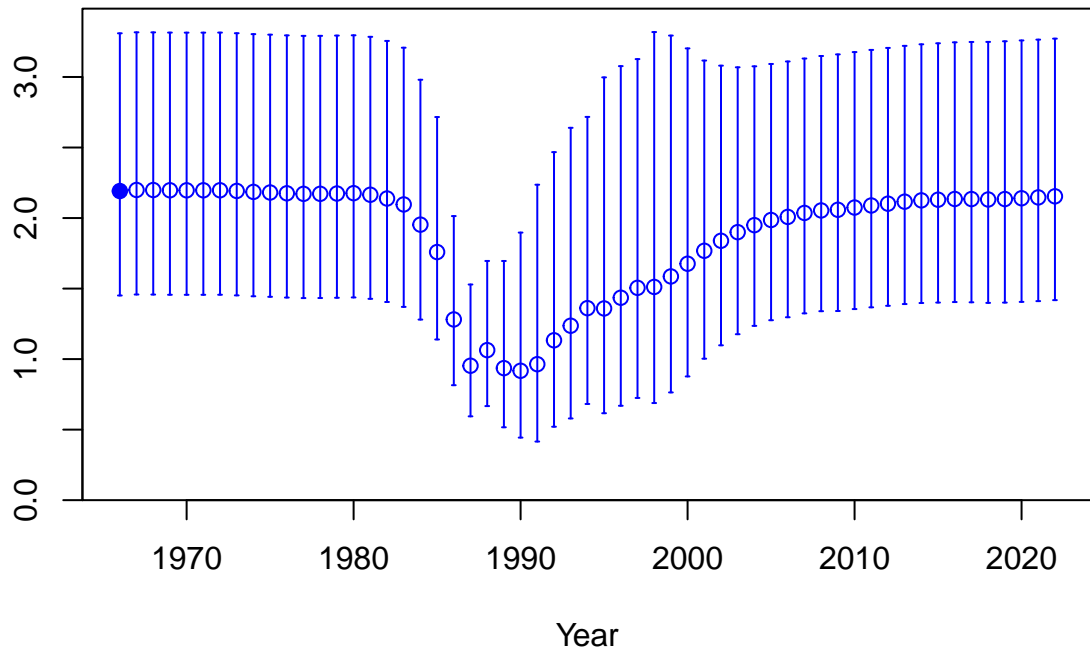




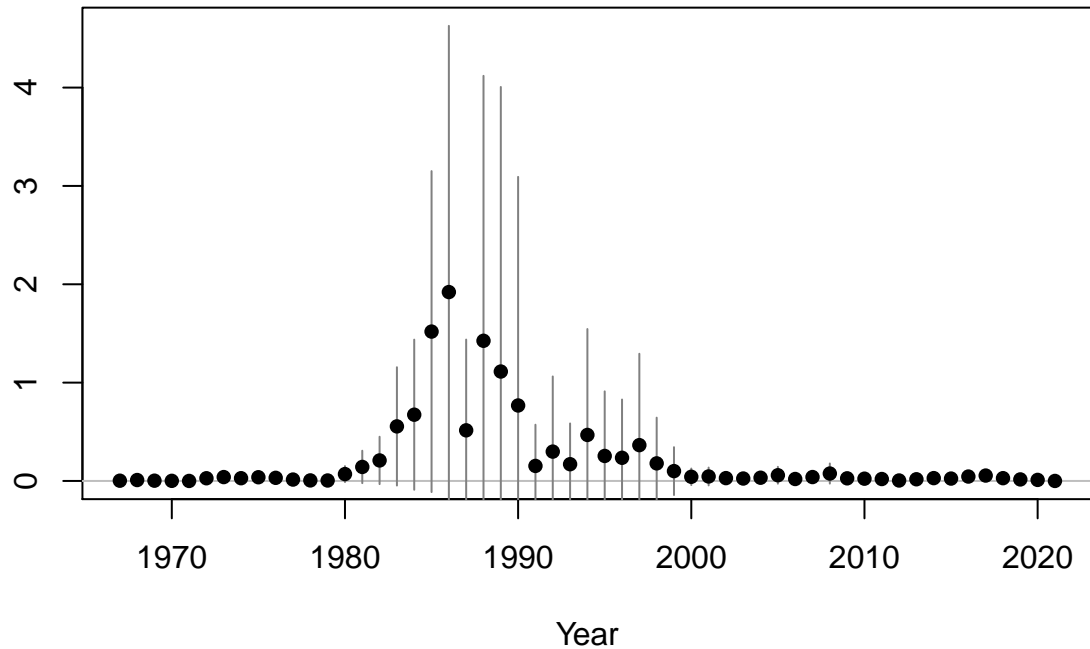


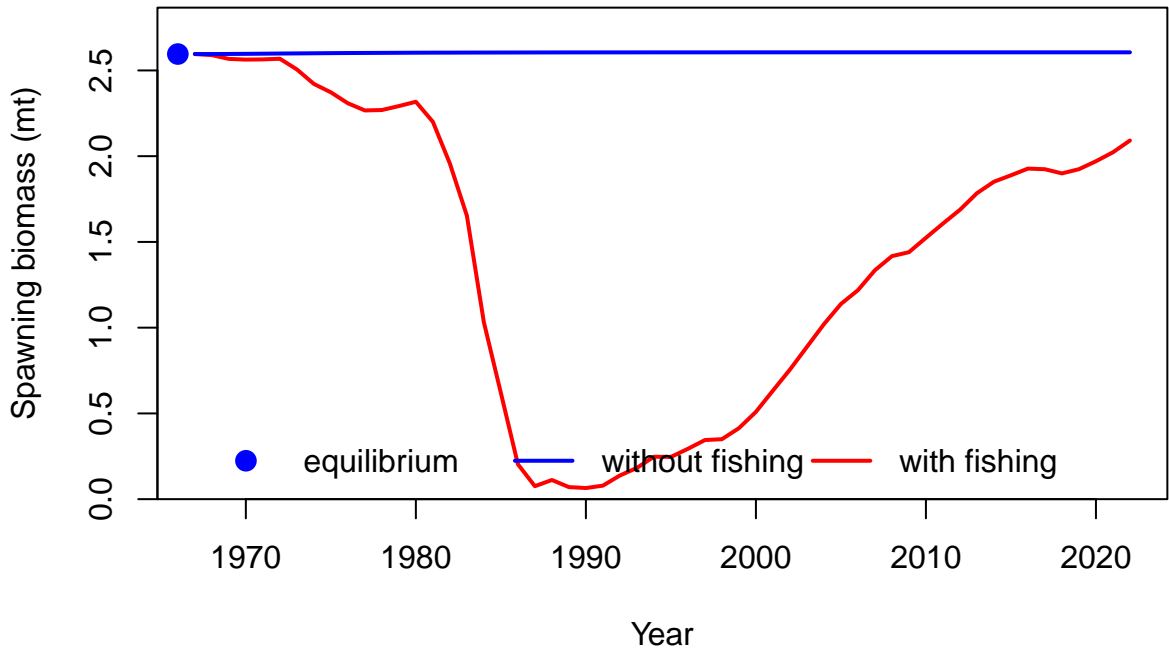


Age-0 recruits (1,000s)

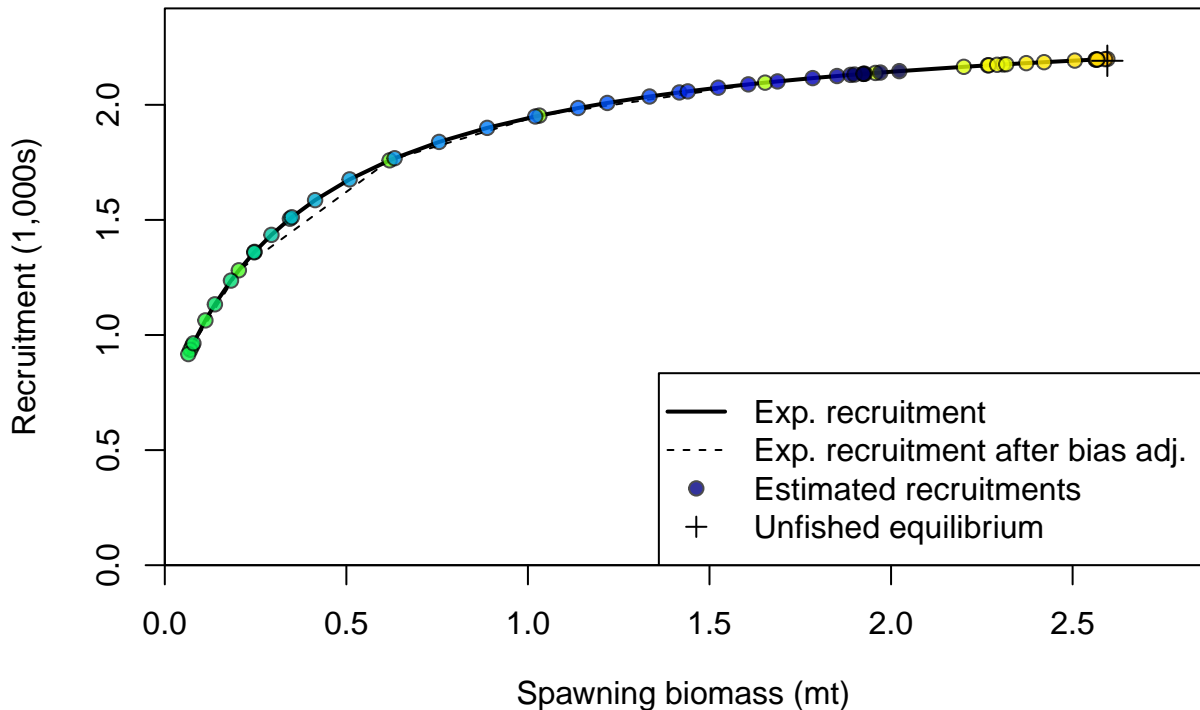


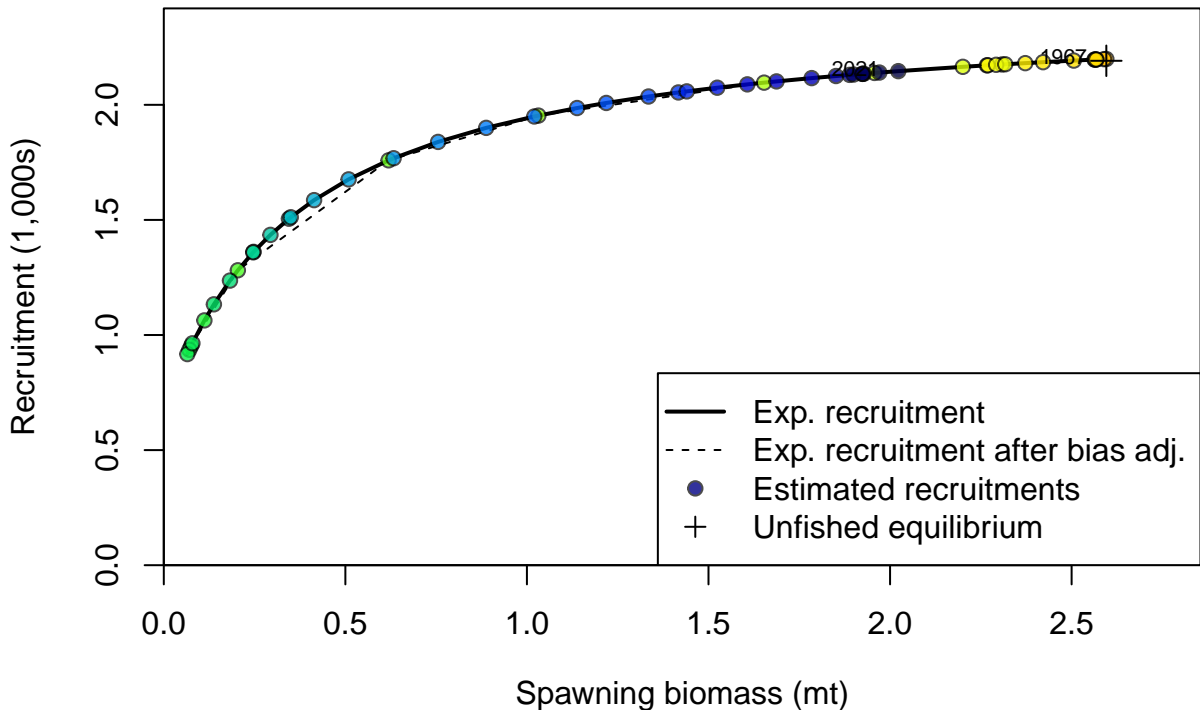
Summary Fishing Mortality

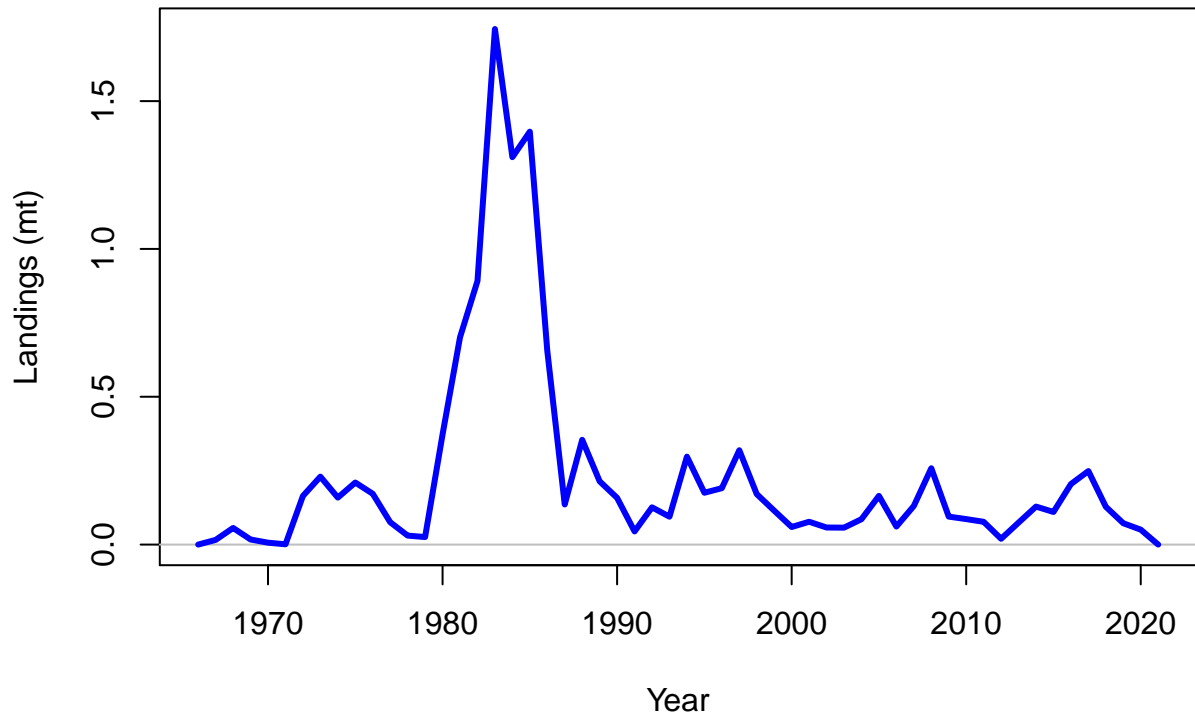


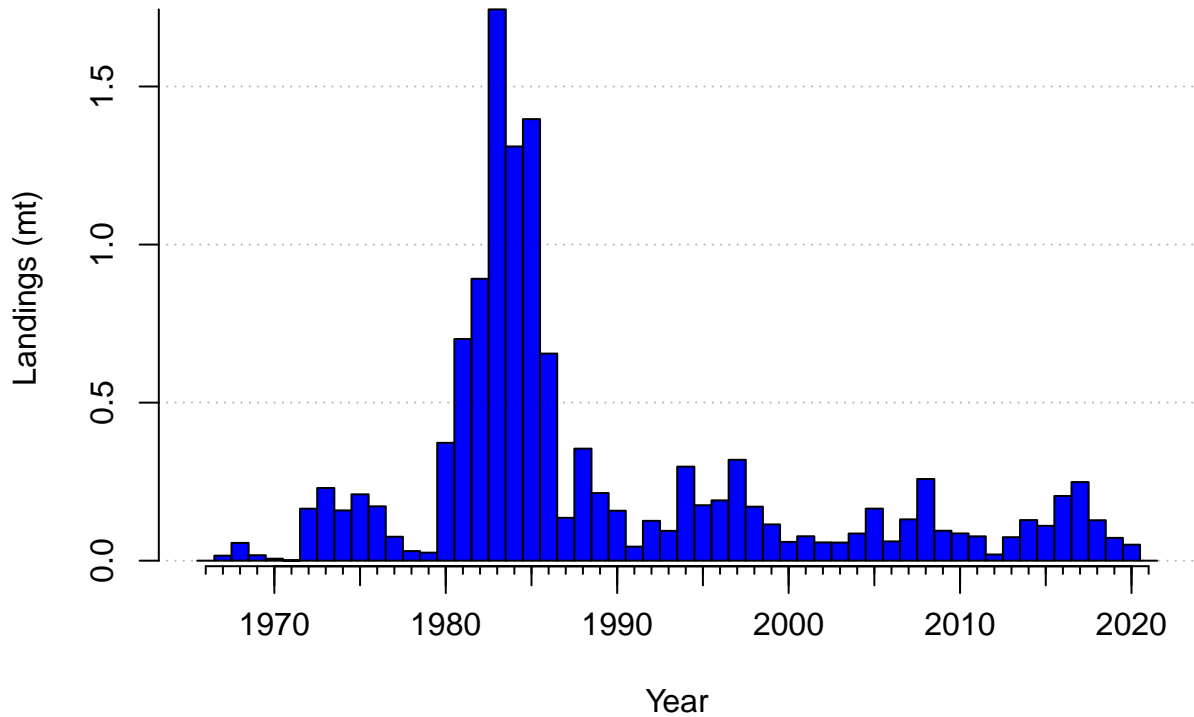


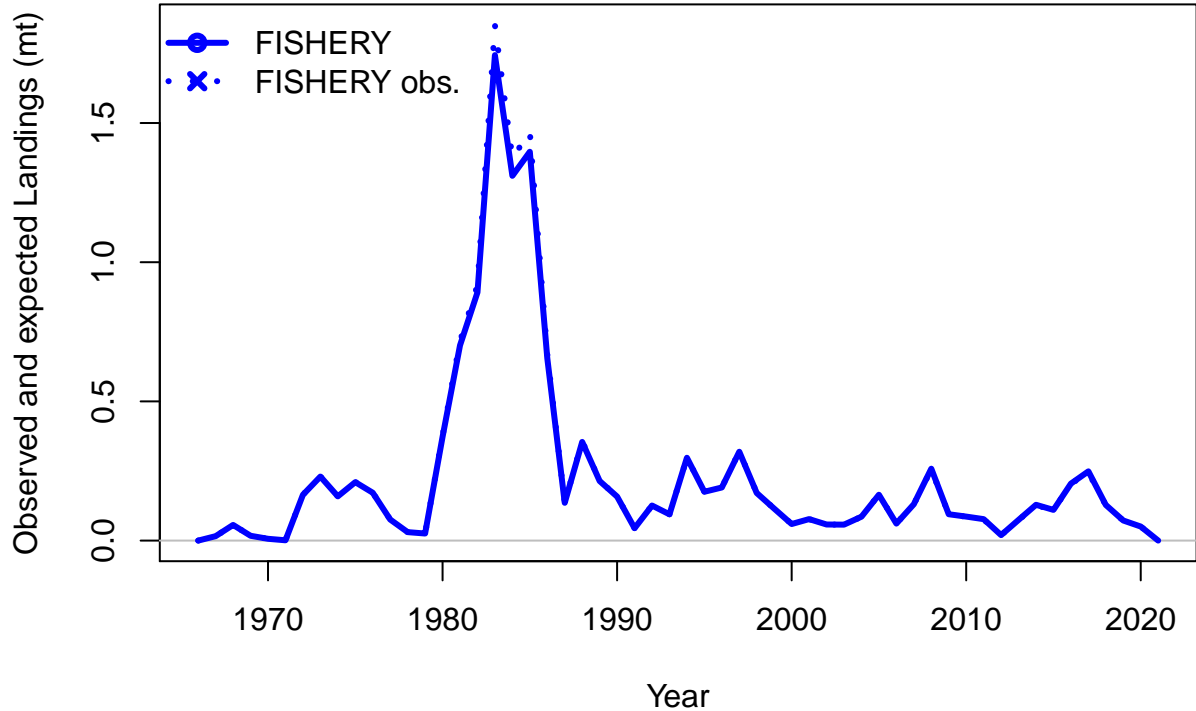


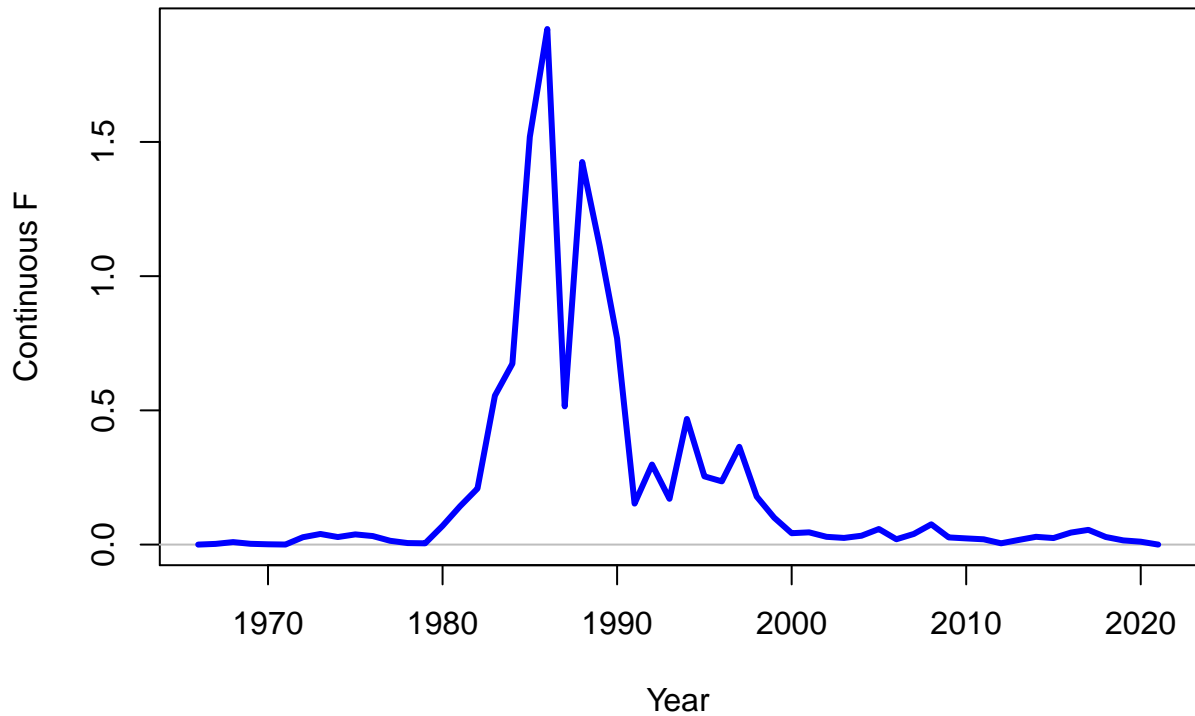




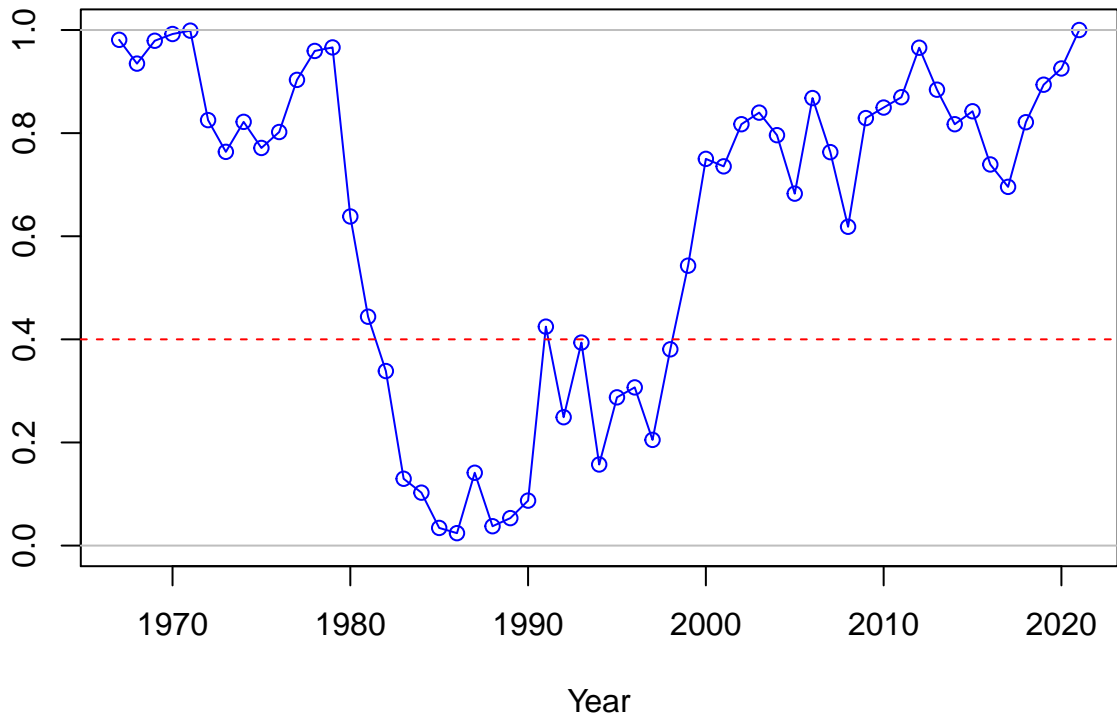




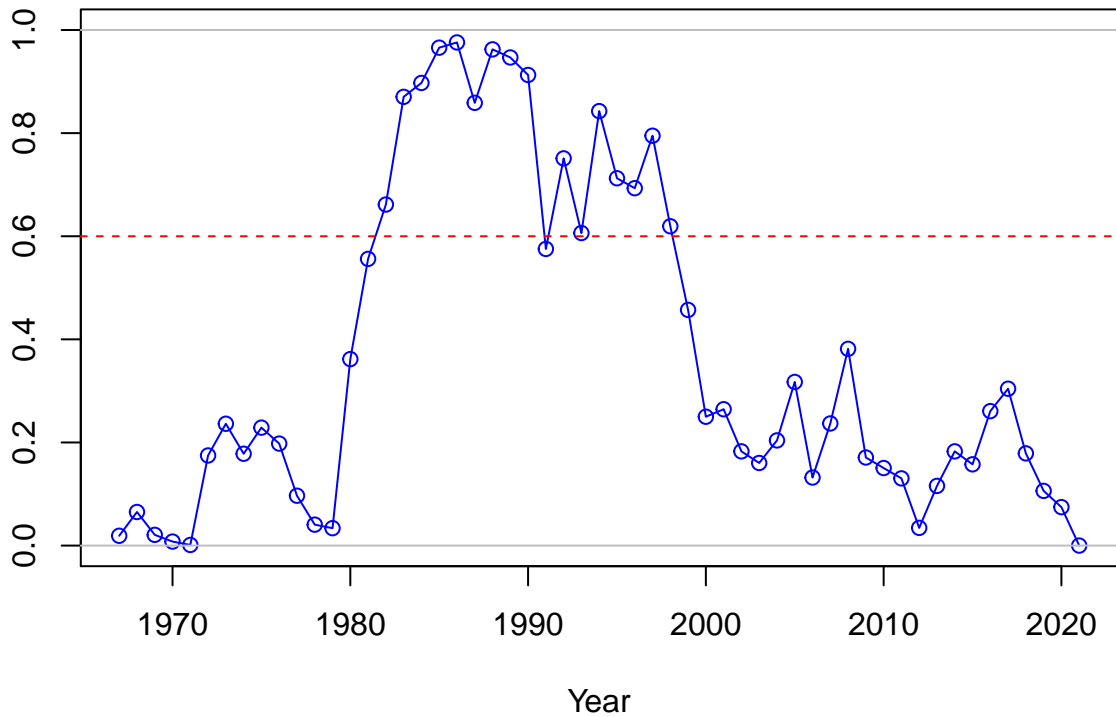




SPR

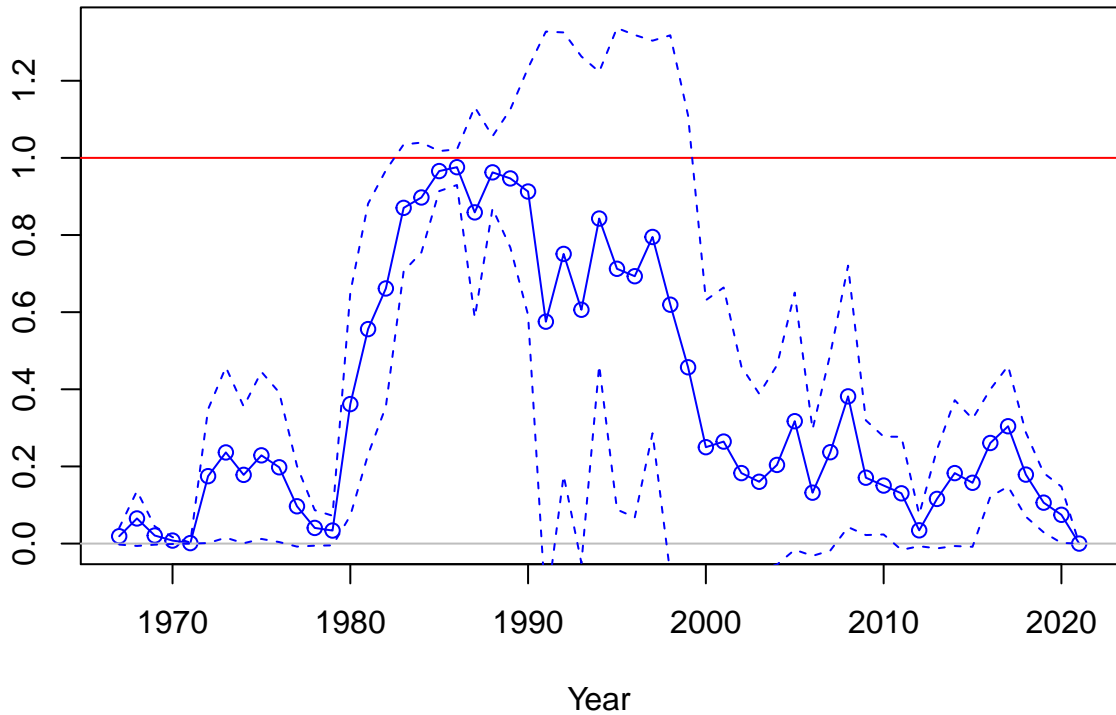


1-SPR

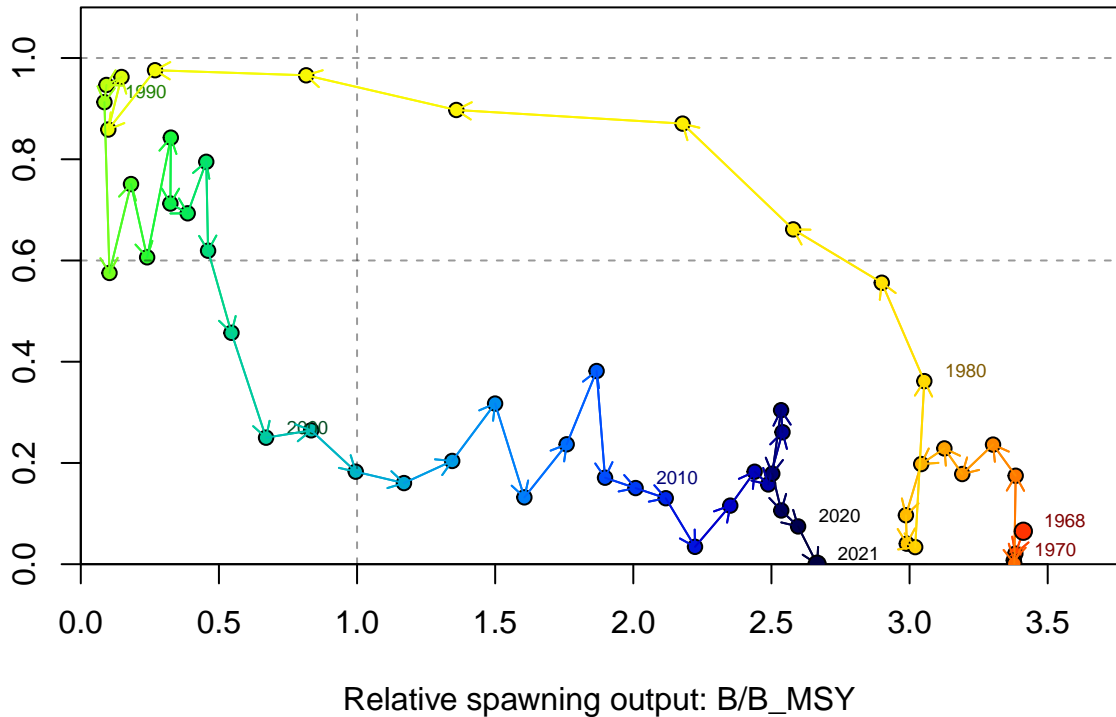




Fishing intensity: 1-SPR



Fishing intensity: 1-SPR



Index

1.4  
1.2  
1.0  
0.8  
0.6  
0.4  
0.2  
0.0

2016

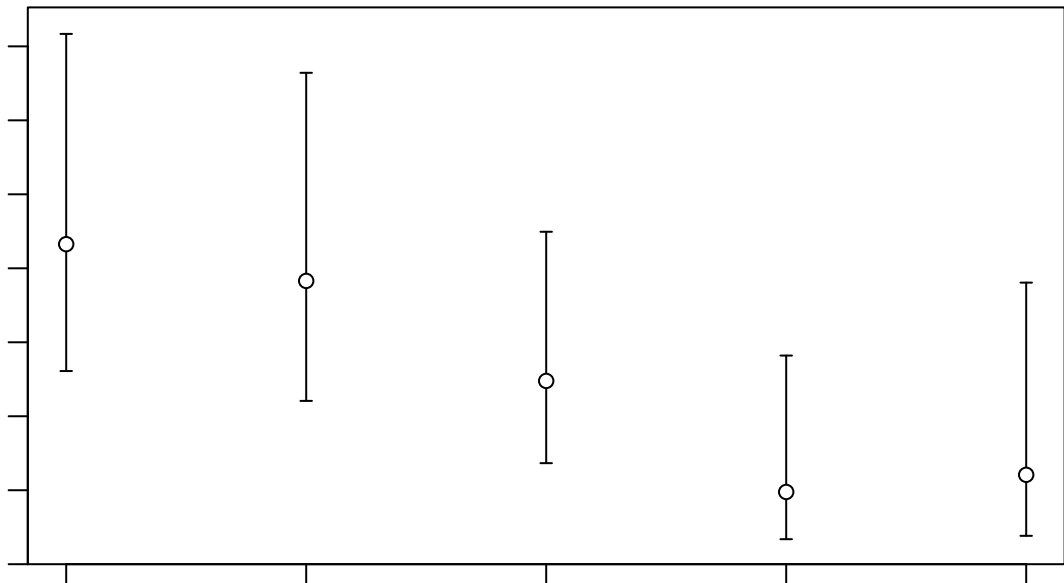
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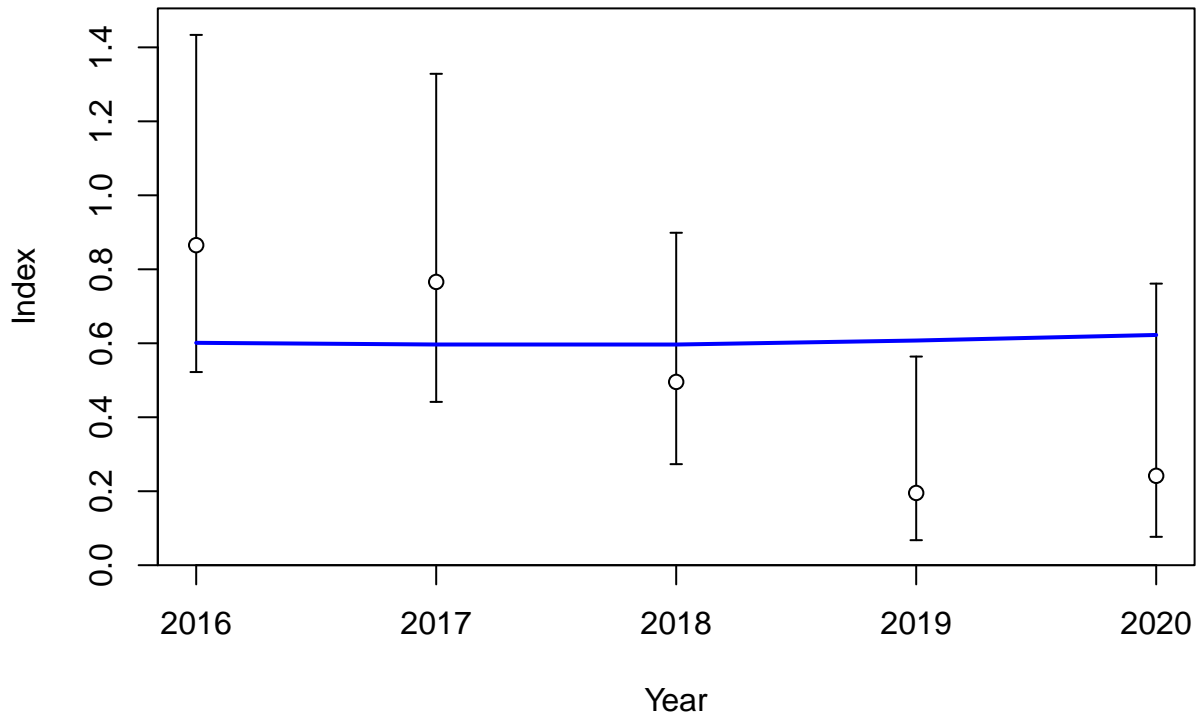
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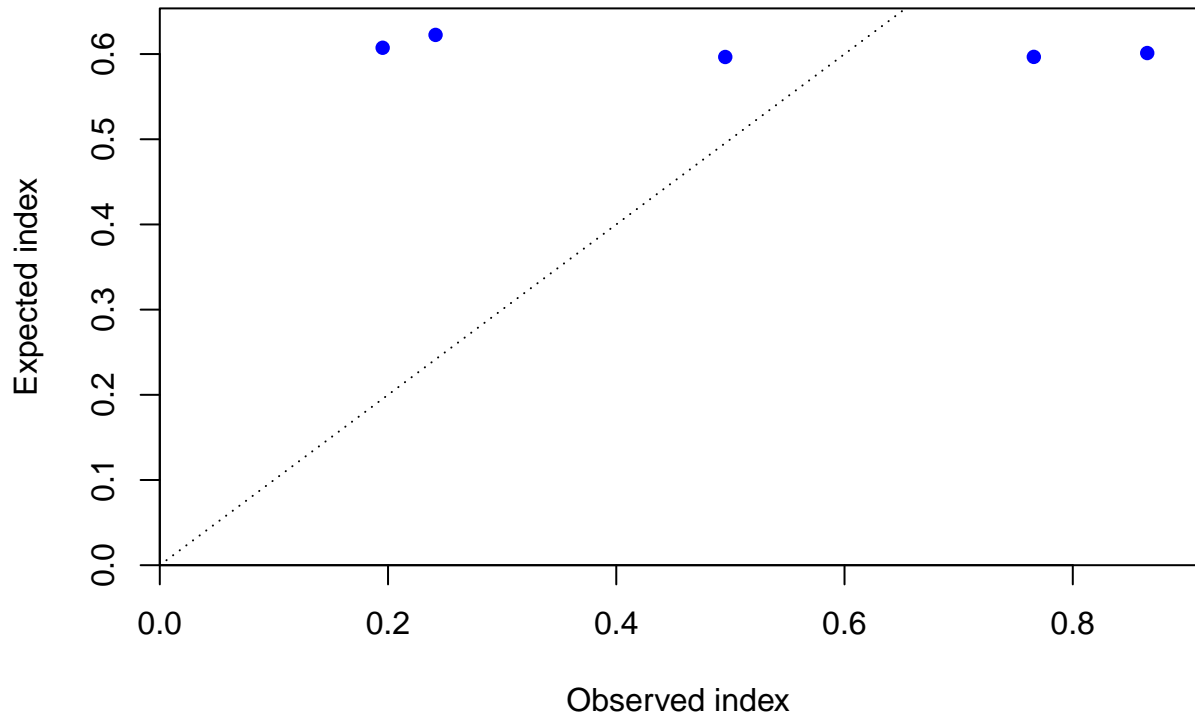
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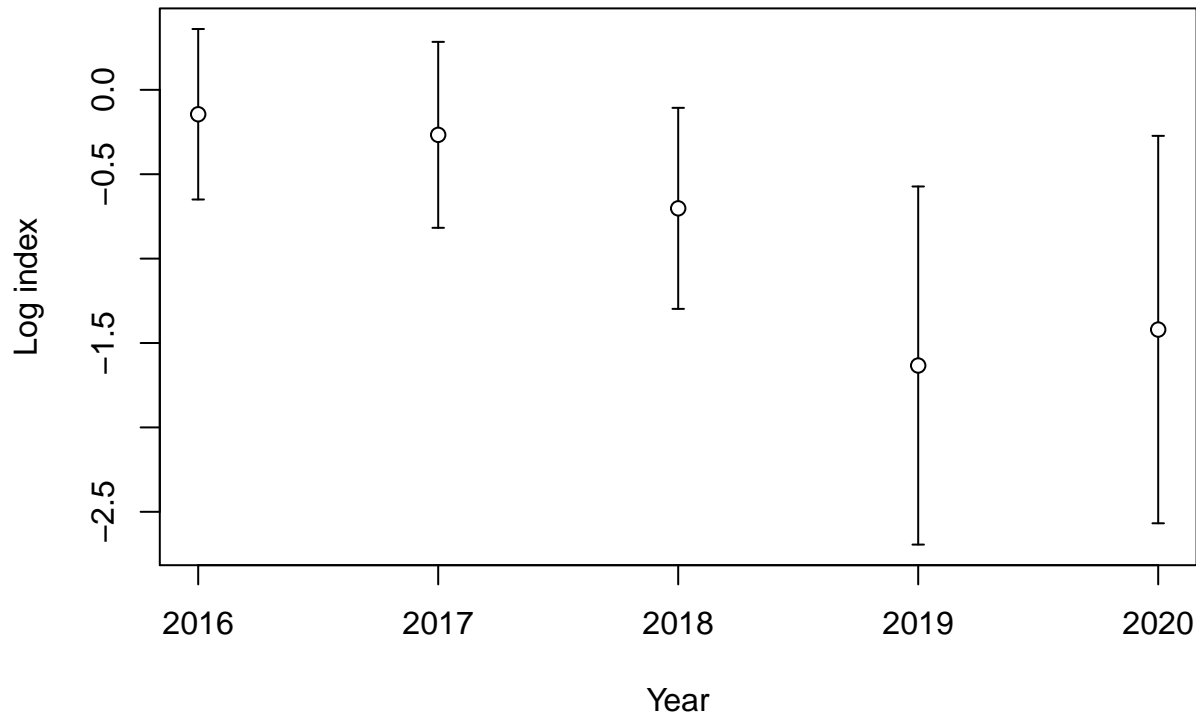
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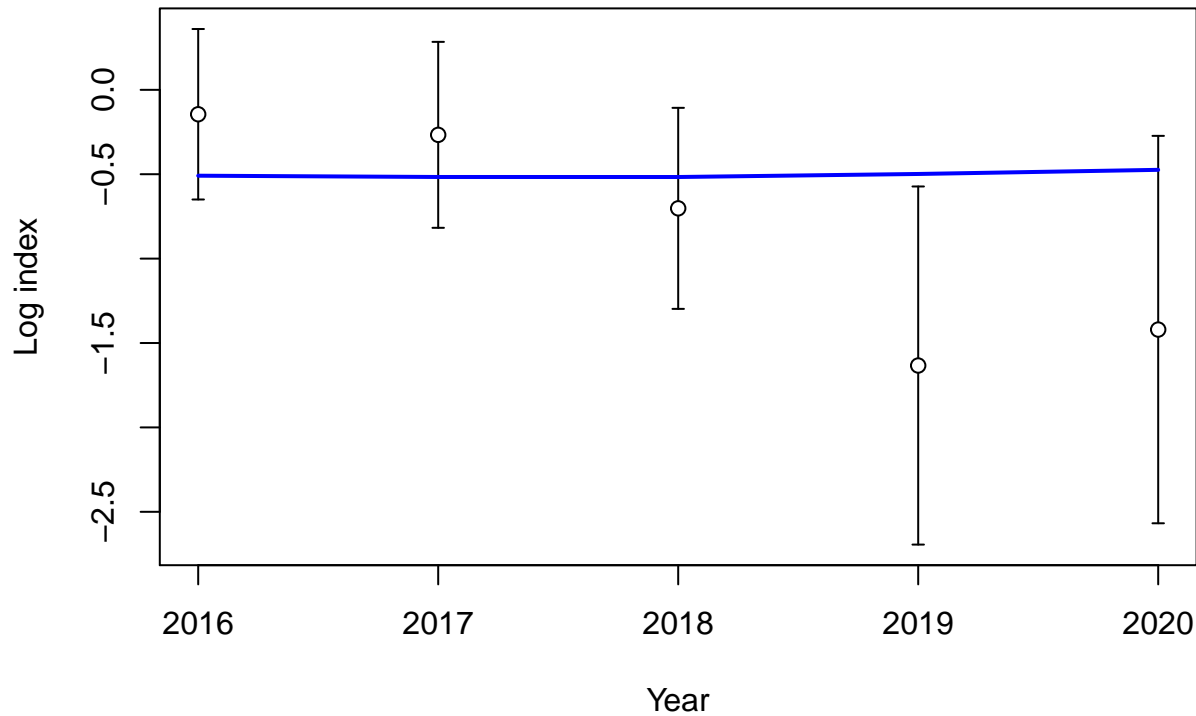
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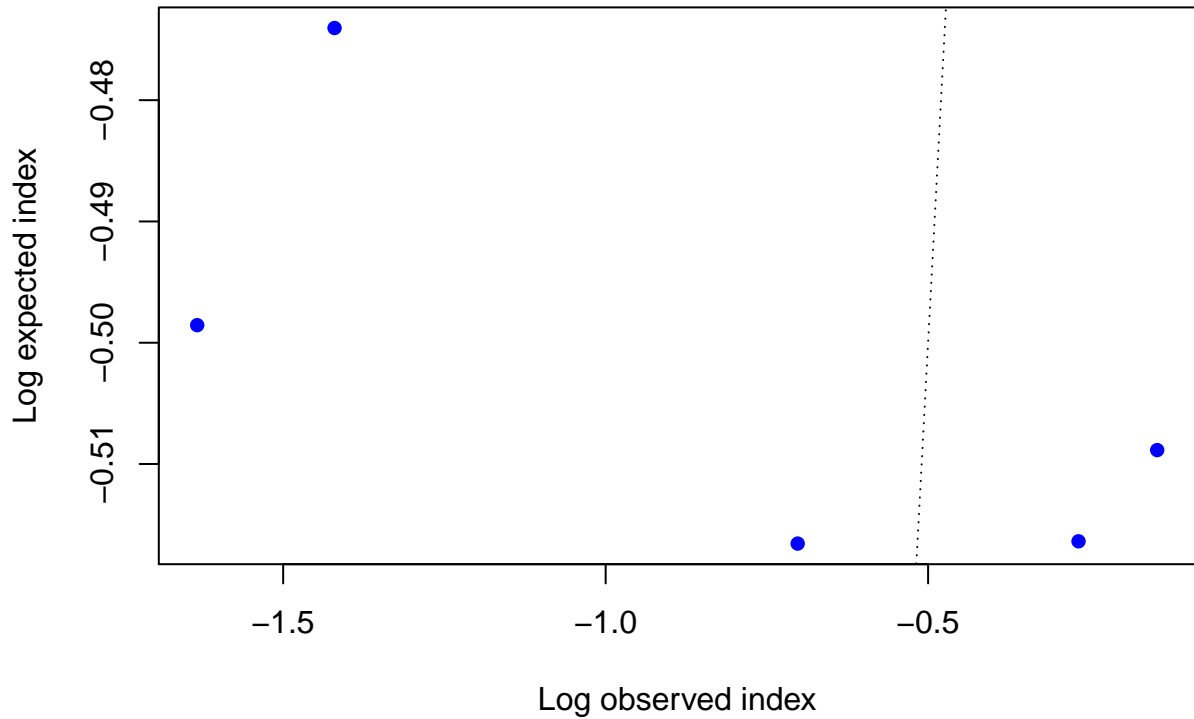






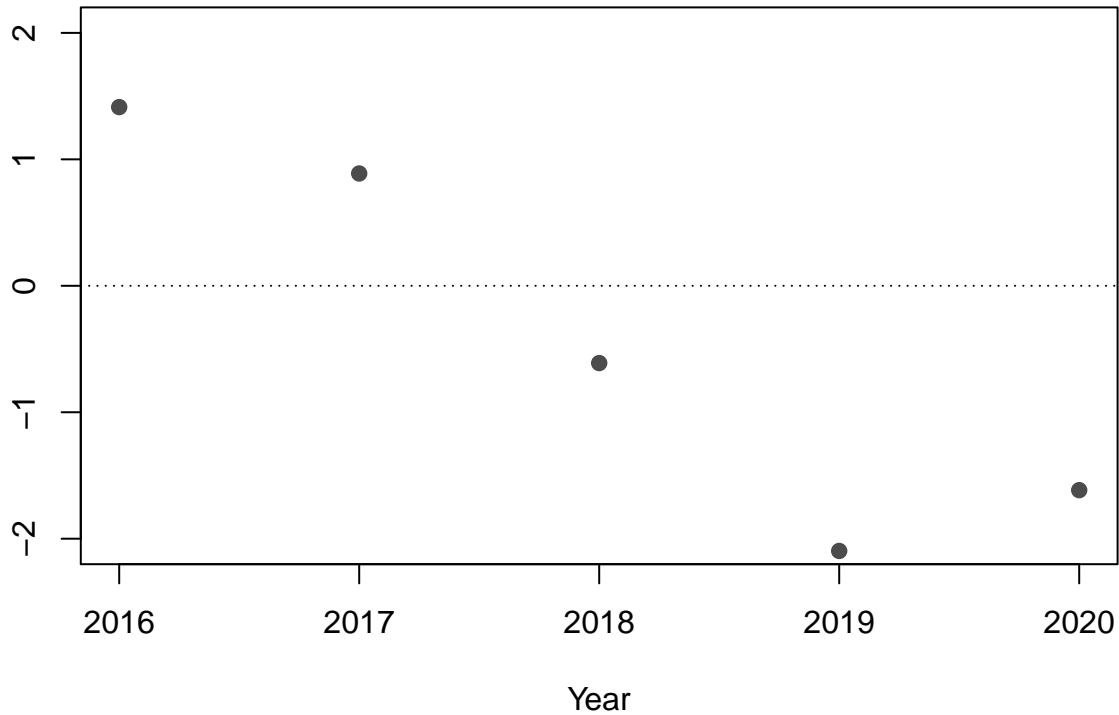


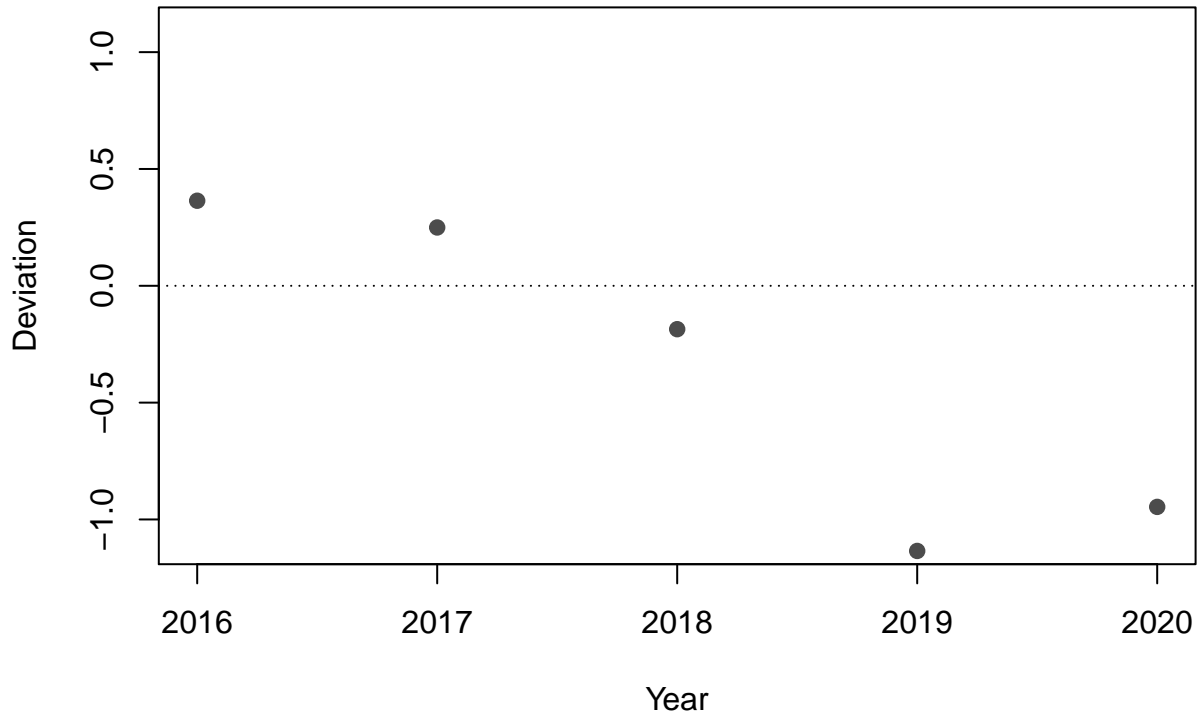




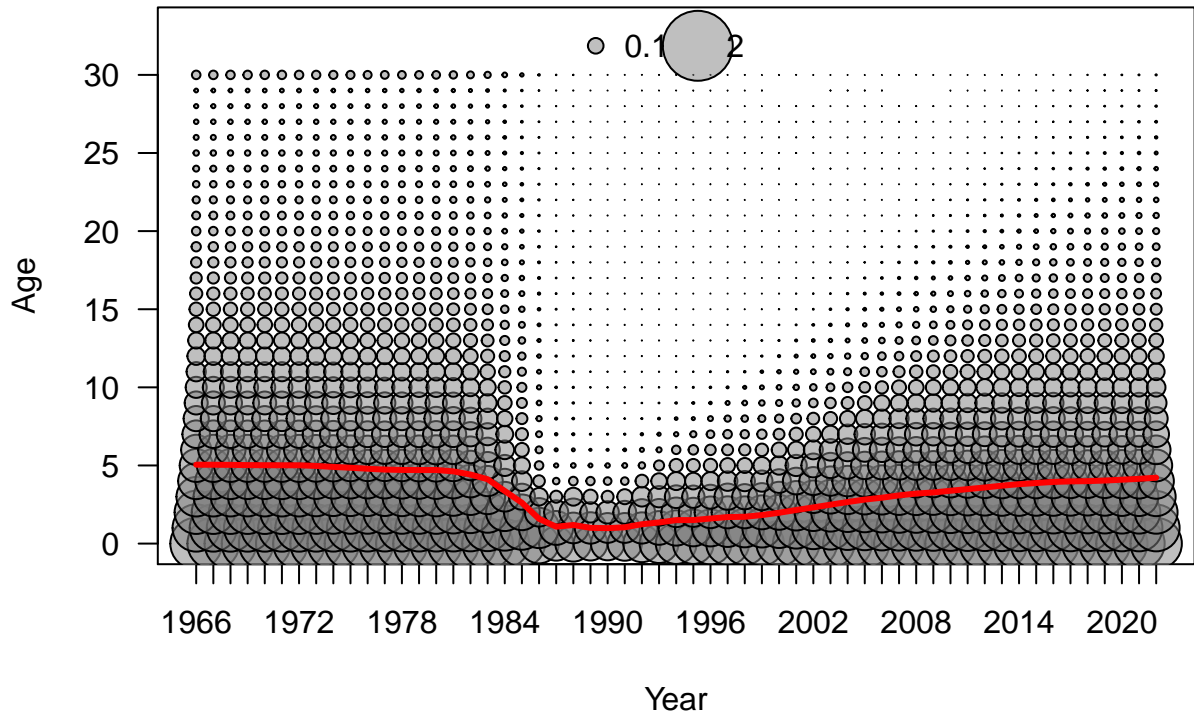


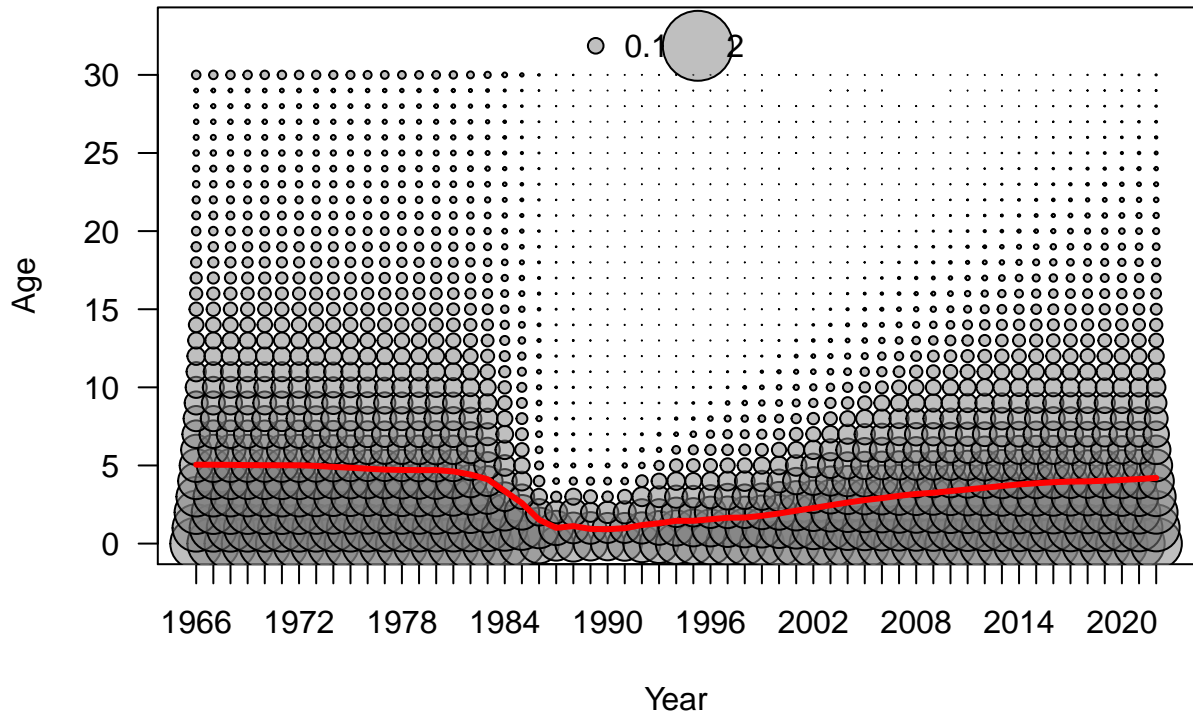
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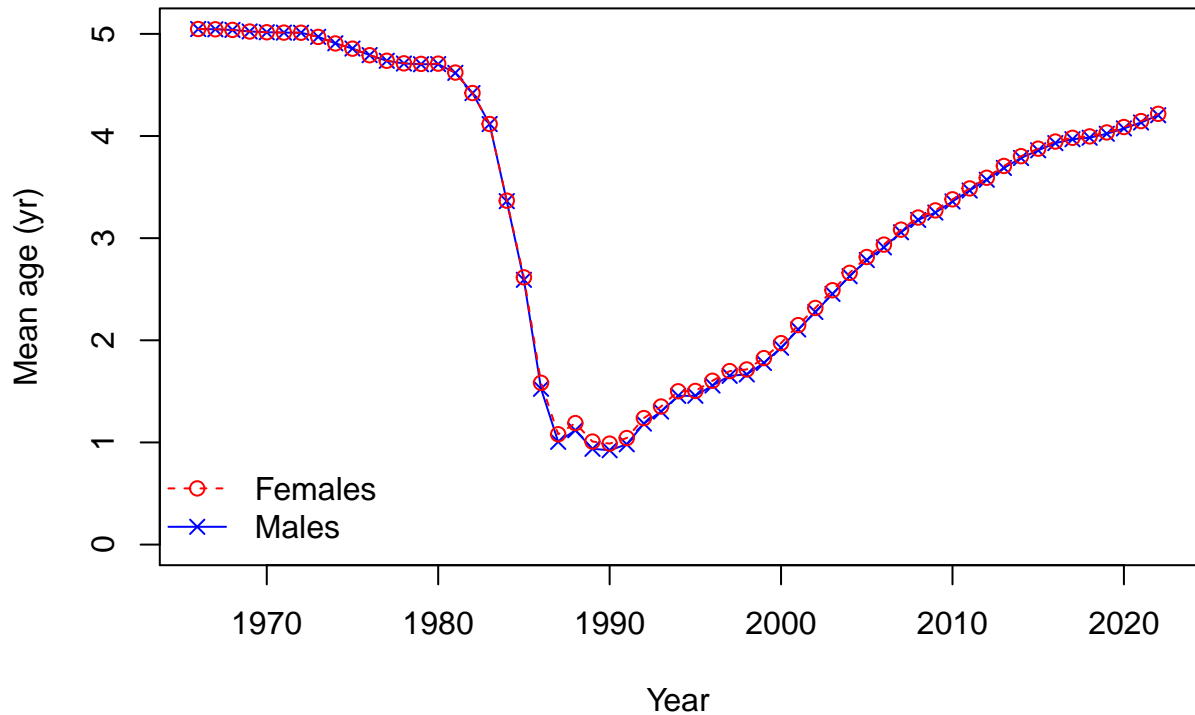


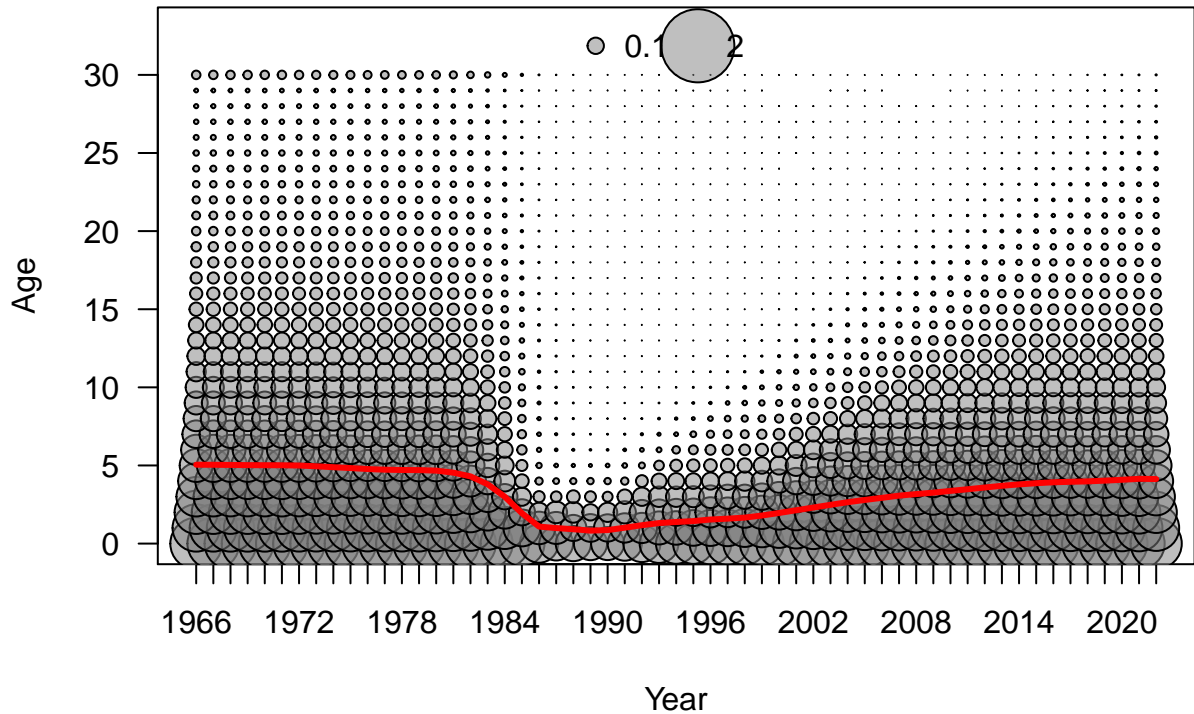


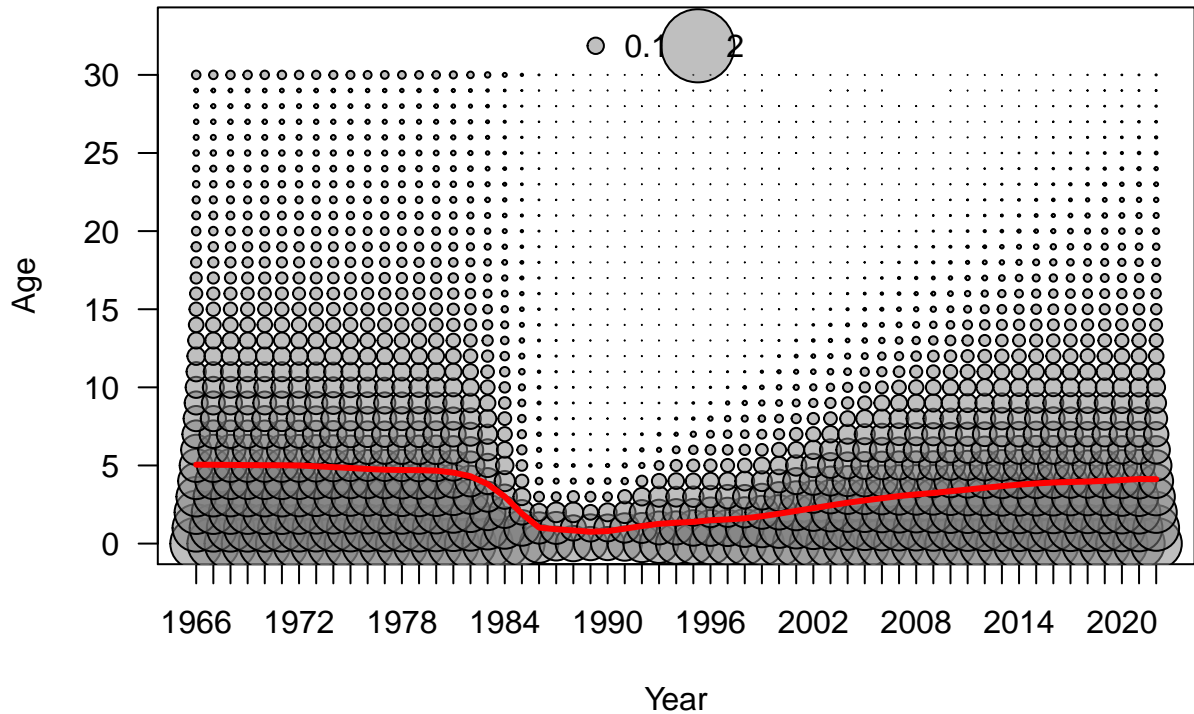




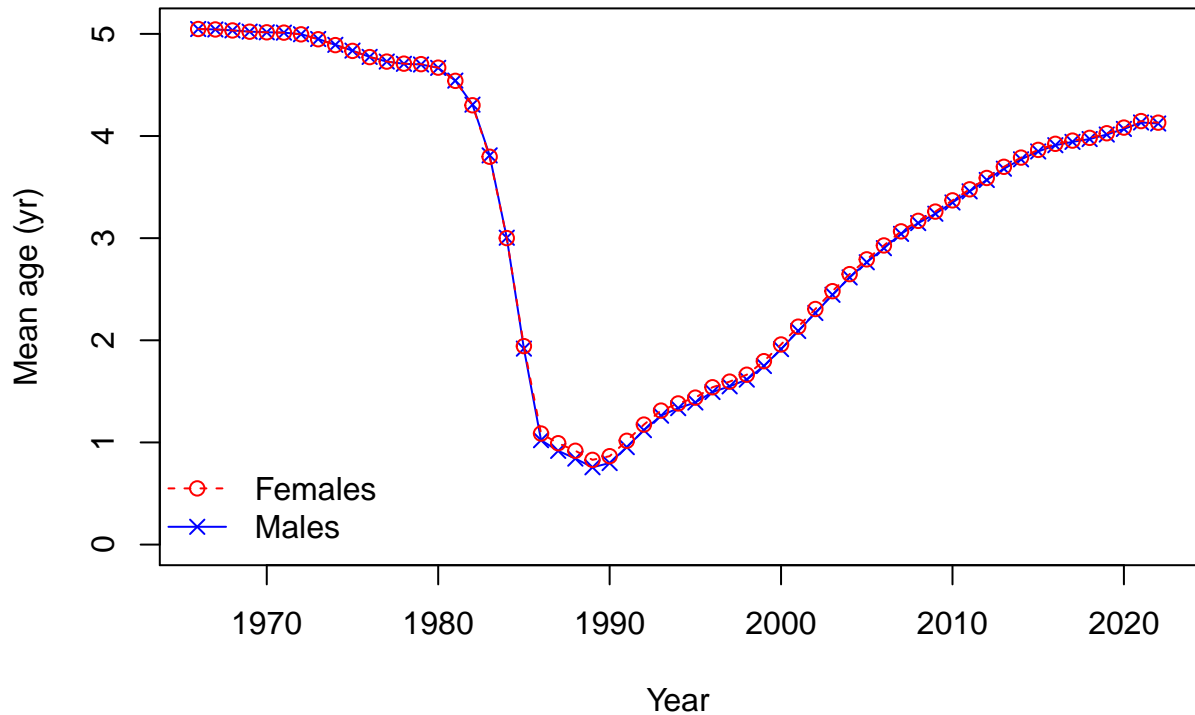


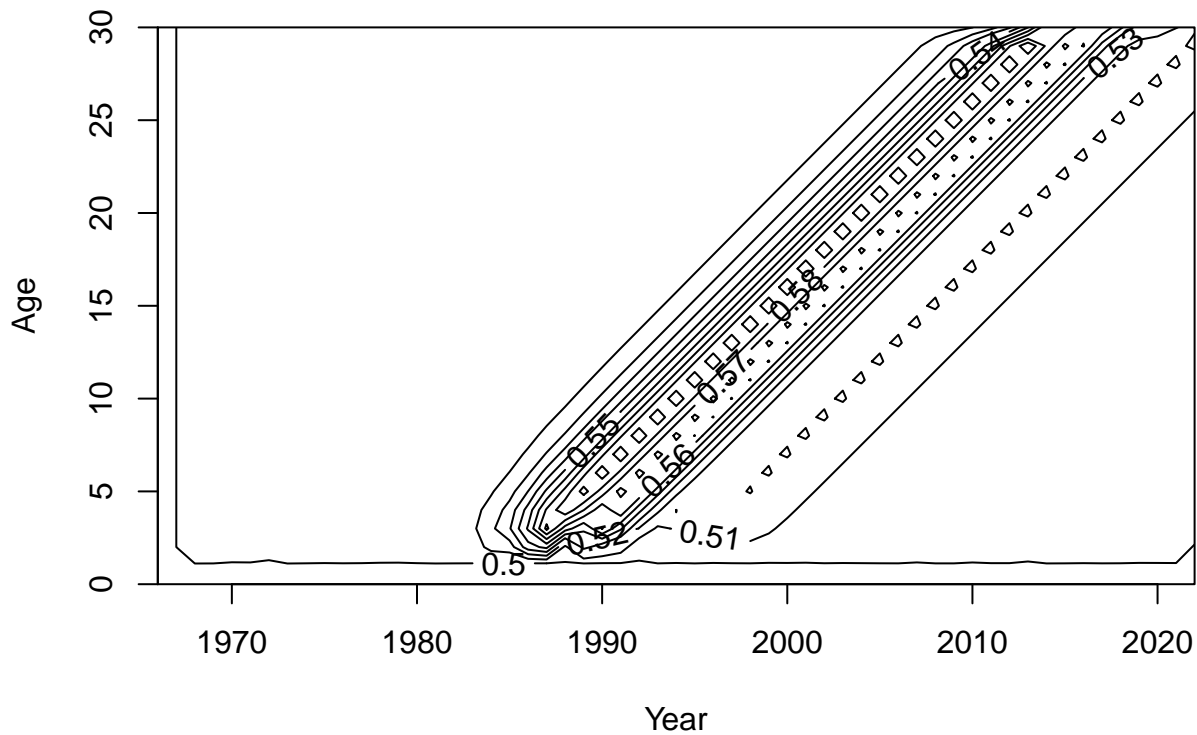


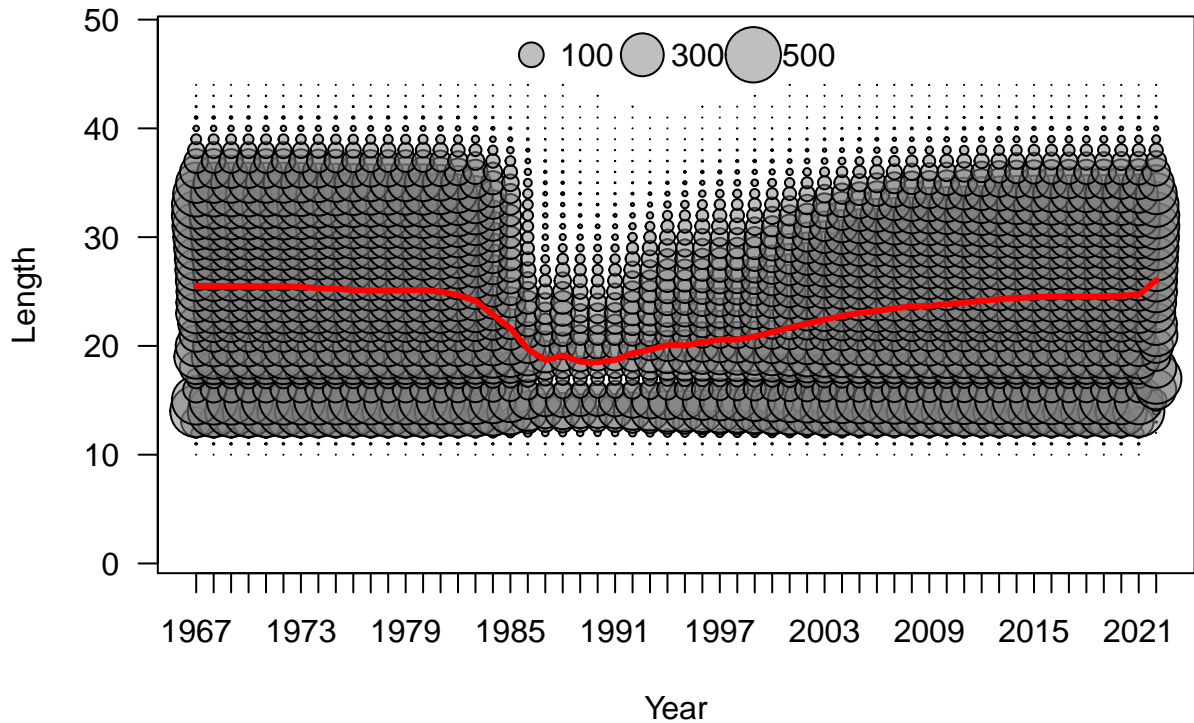


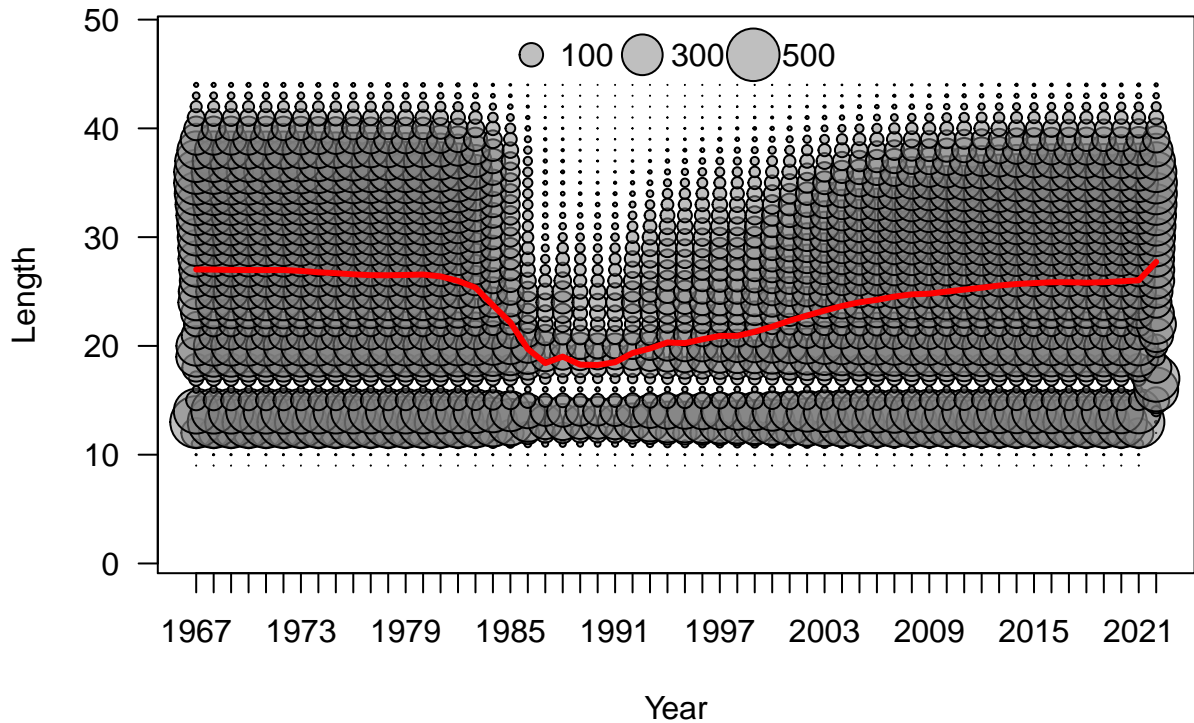


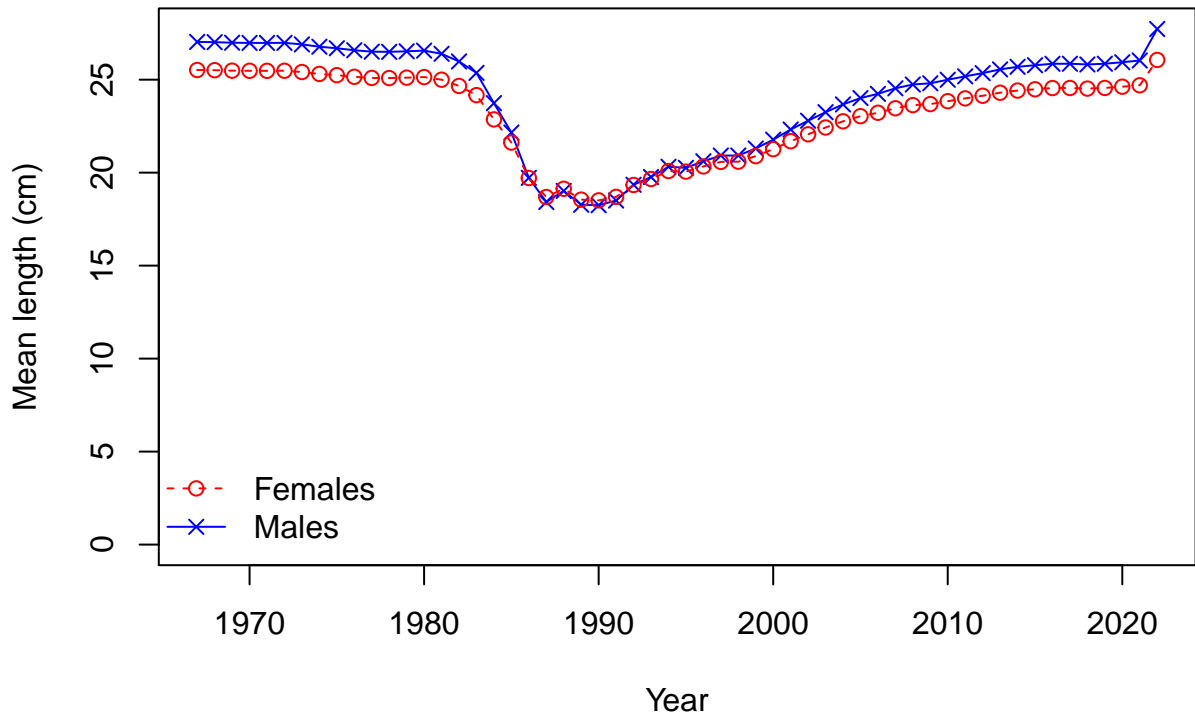


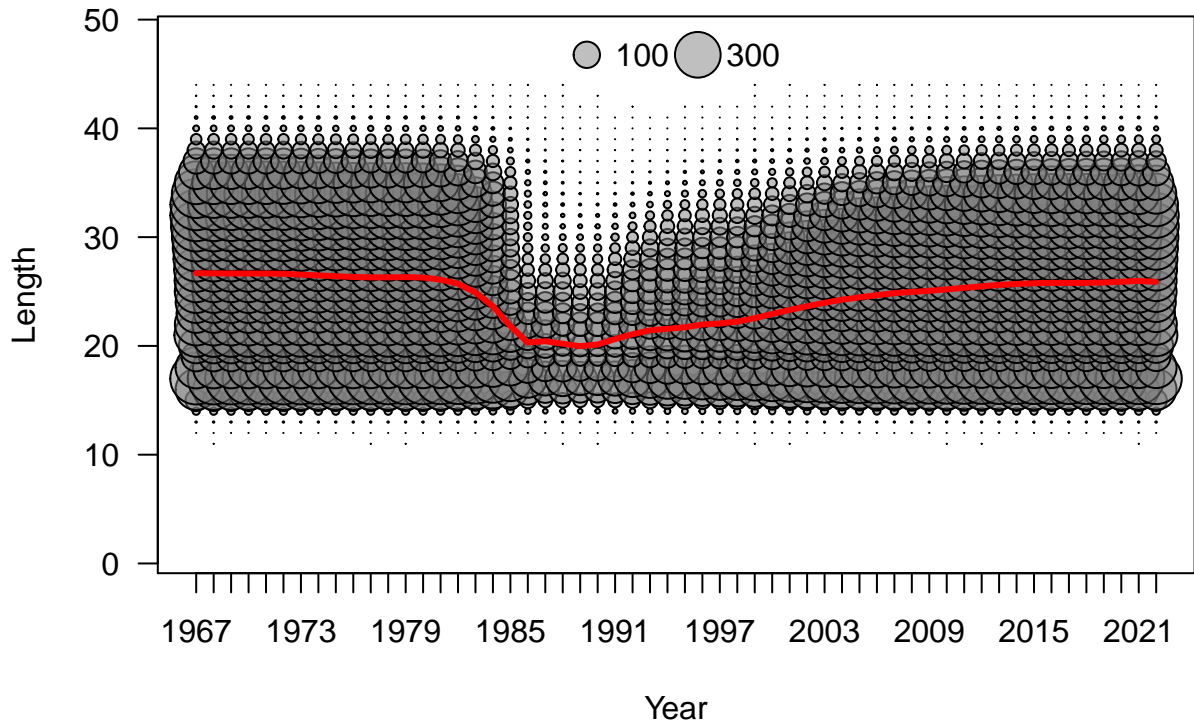


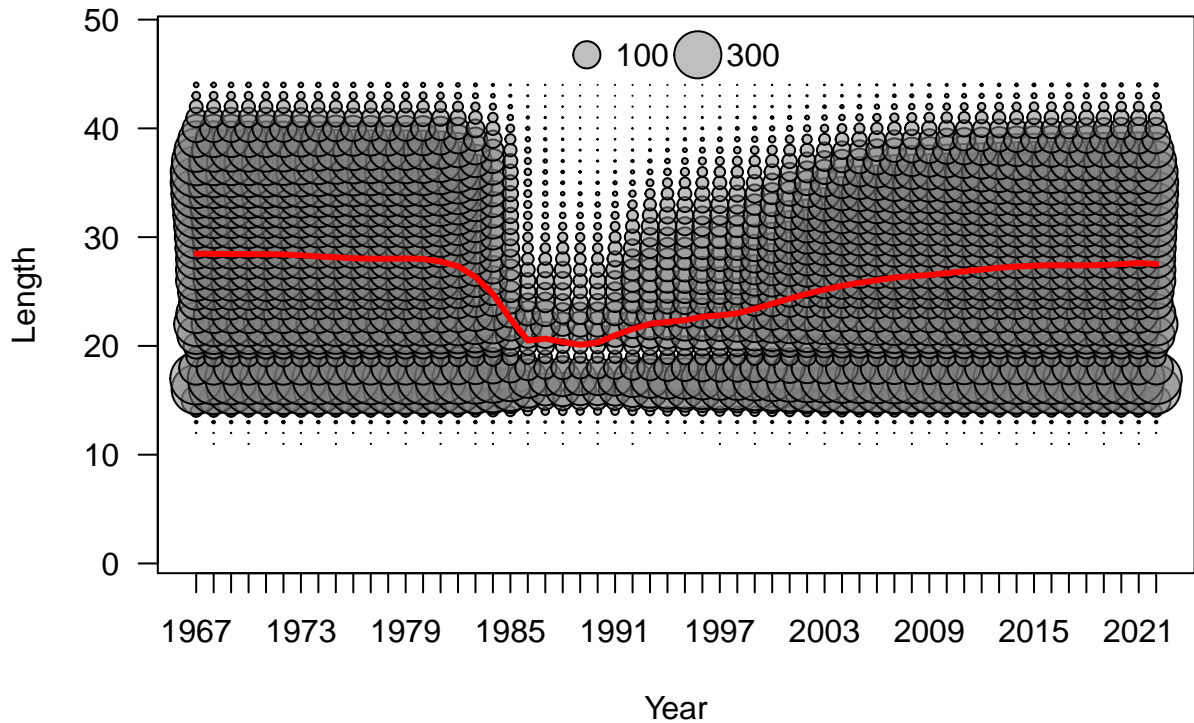


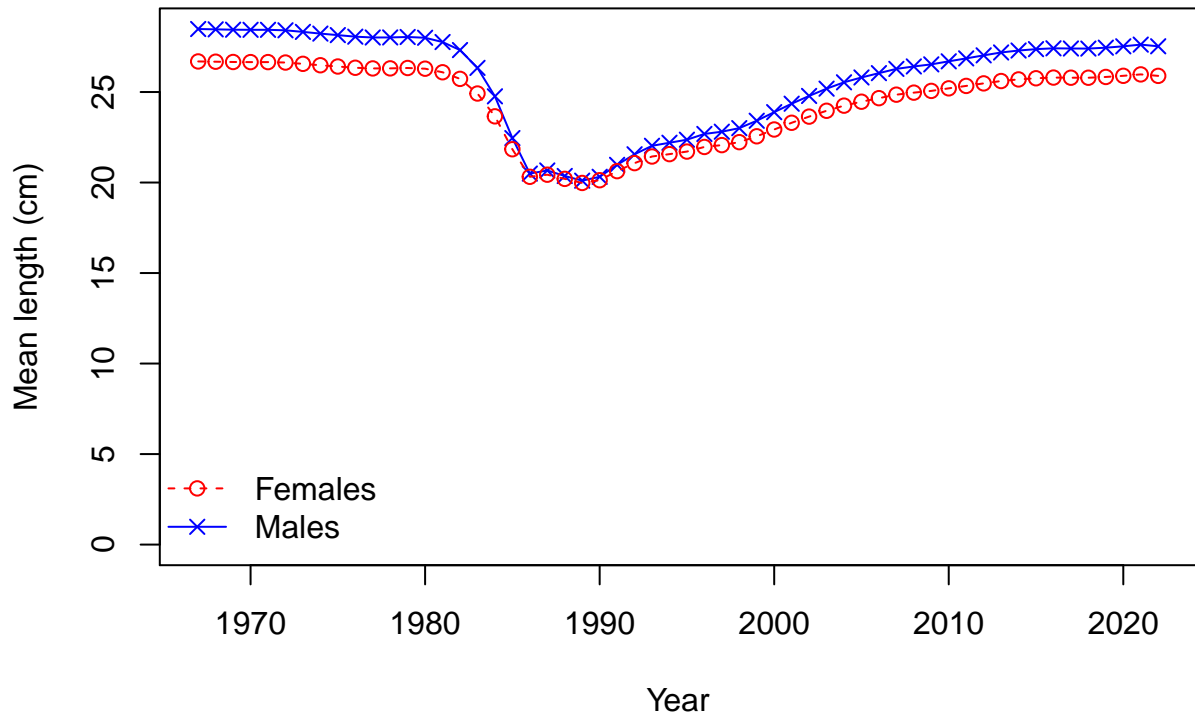






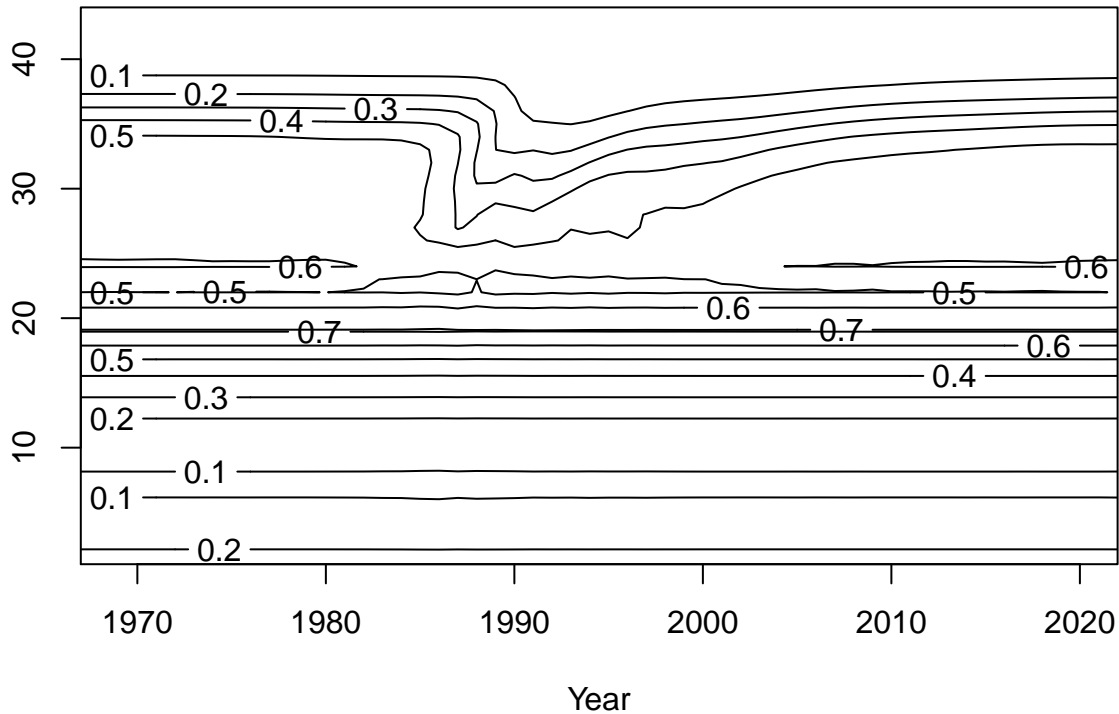




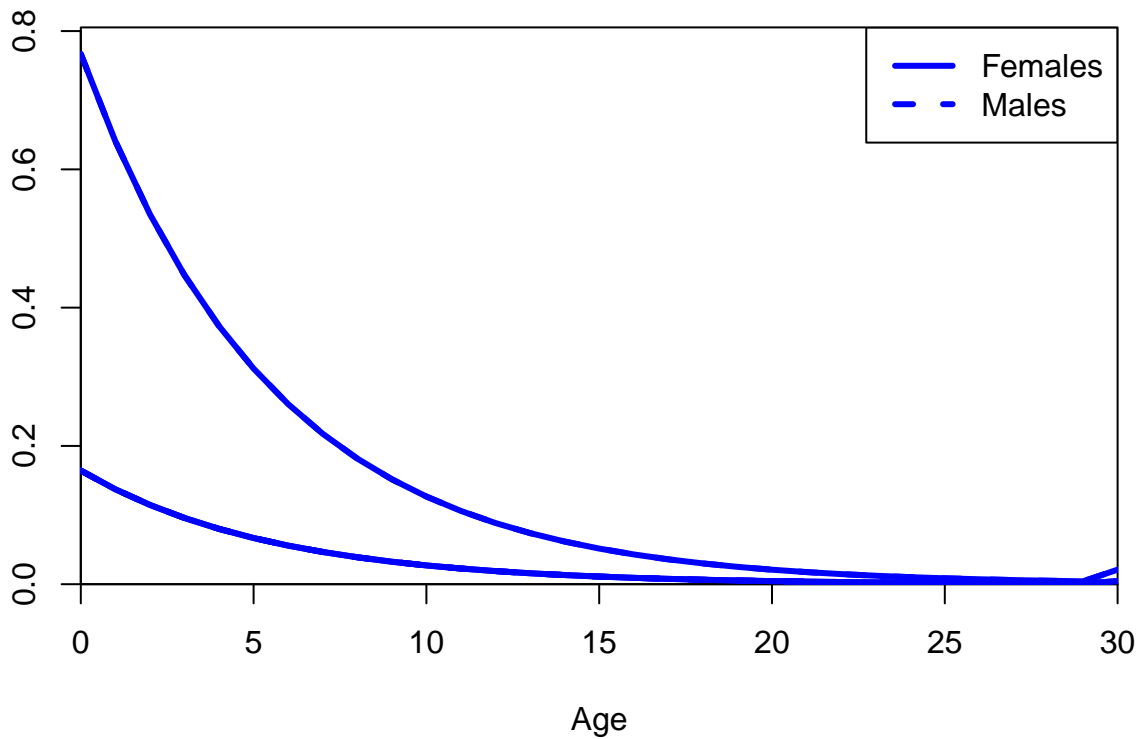




Length

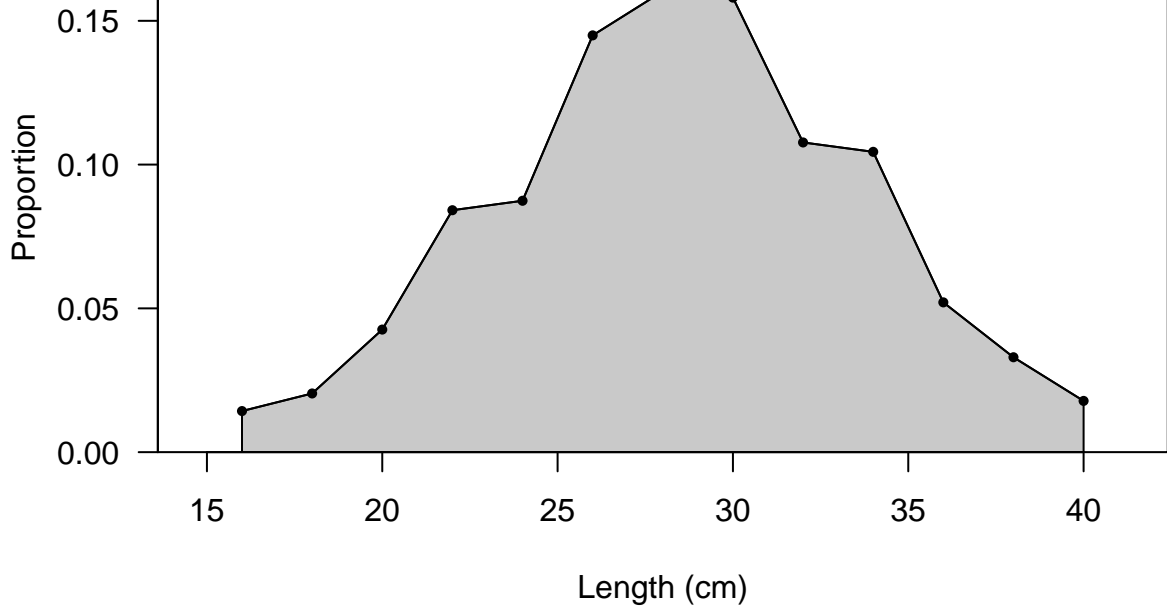


Numbers at age at equilibrium



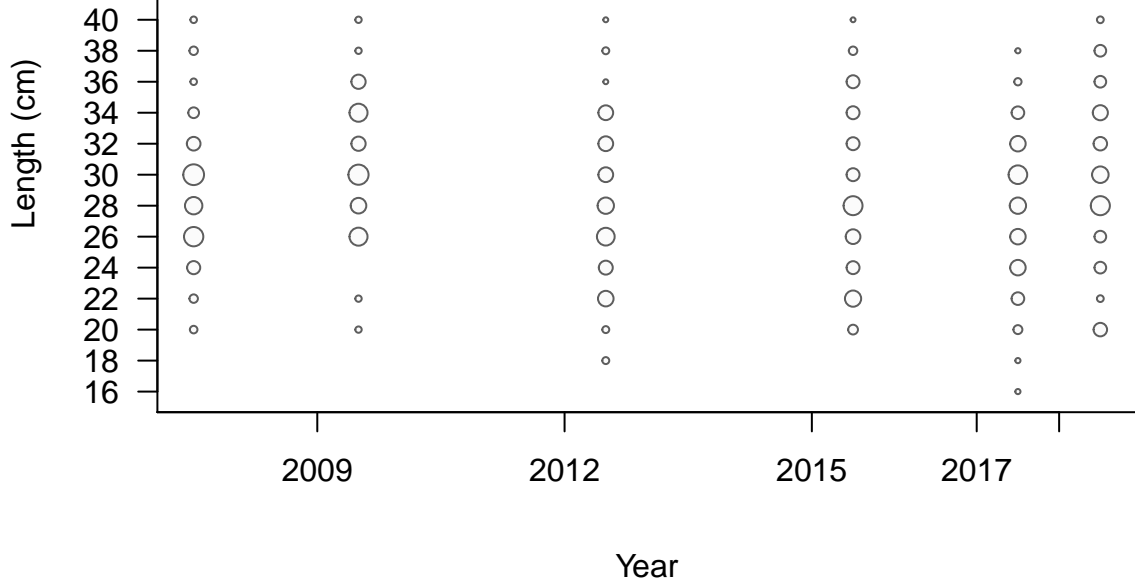
# FISHERY

Sum of N adj.=98.6

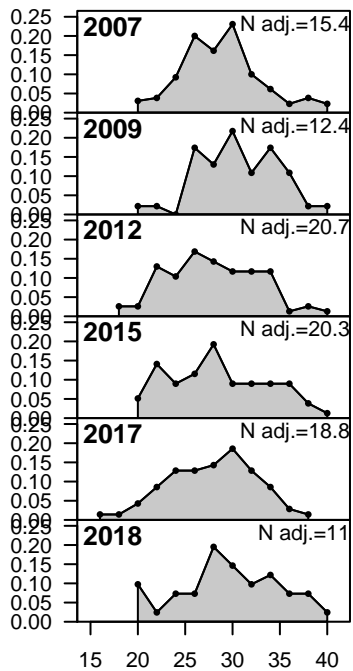


# FISHERY

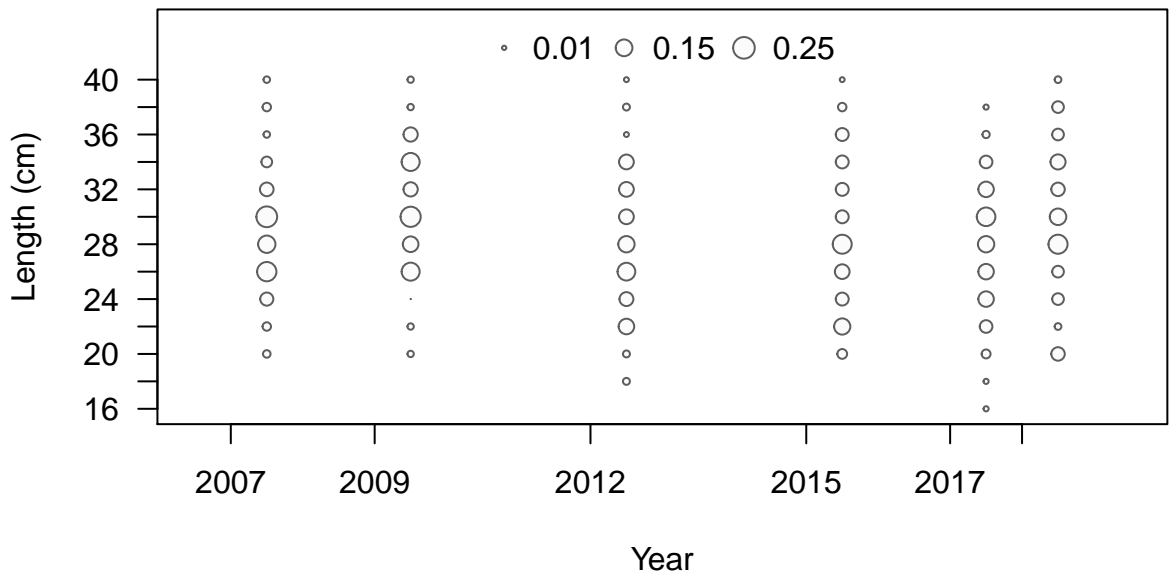
◦ 0.01 ○ 0.15 ○ 0.25



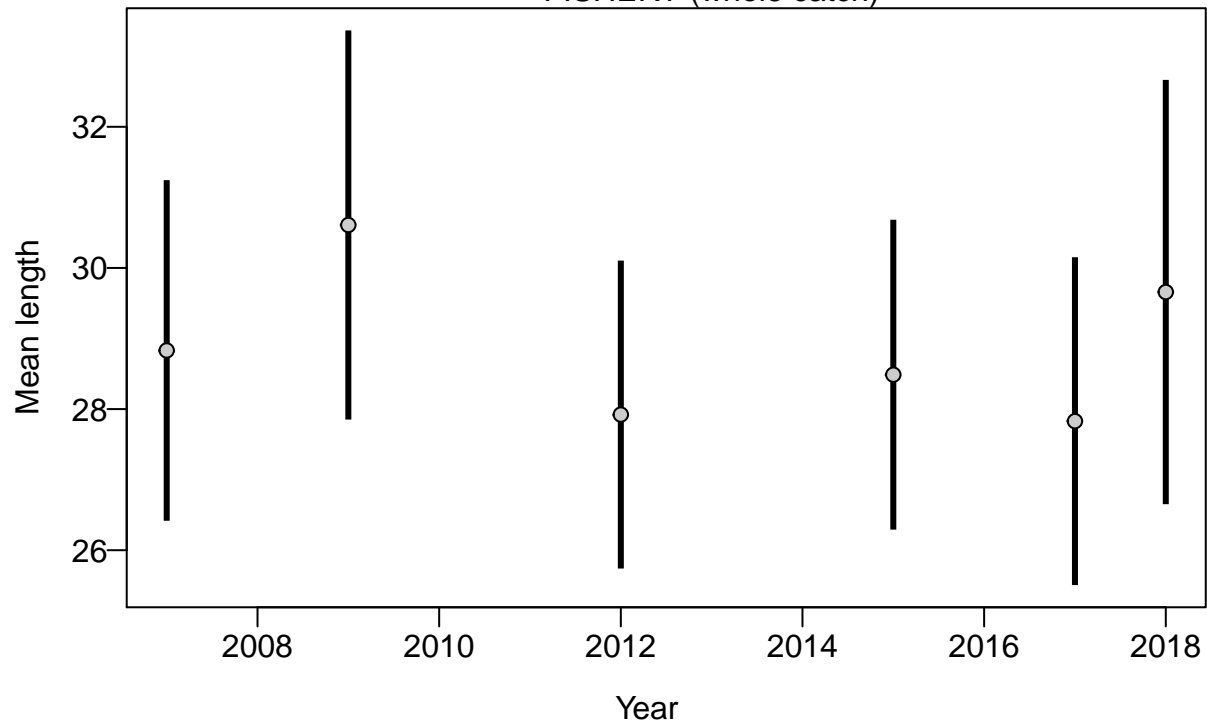
Proportion



Length (cm)

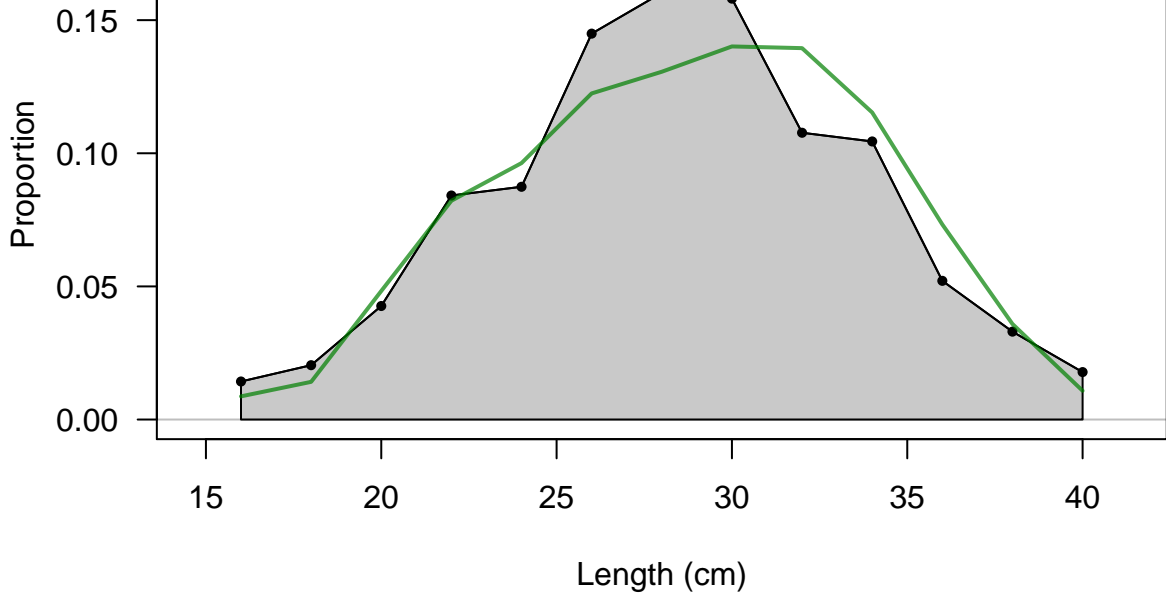


# FISHERY (whole catch)

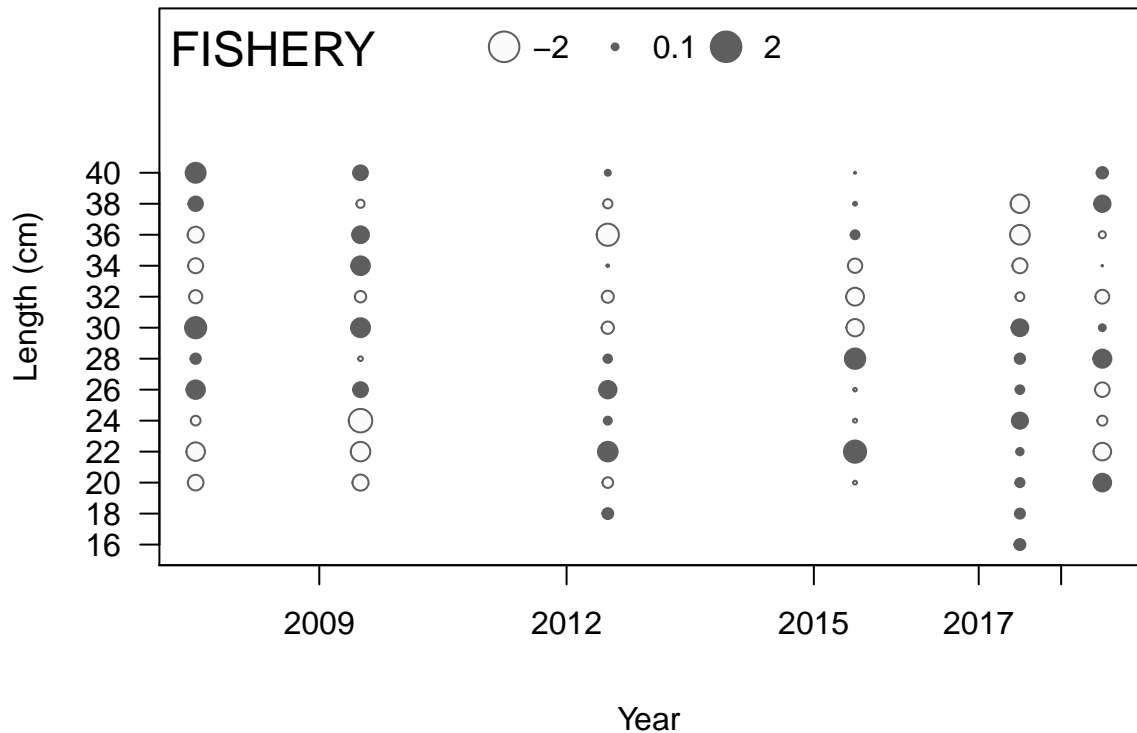


# FISHERY

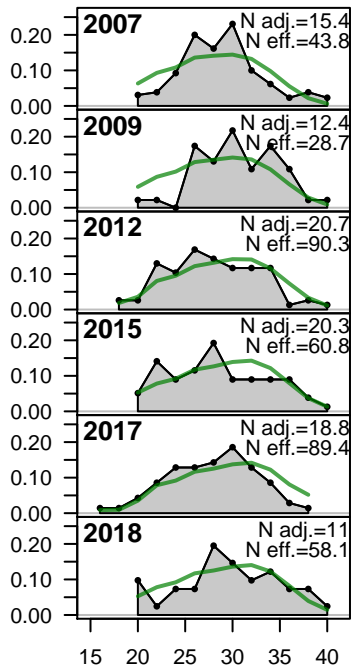
Sum of N adj.=98.6  
Sum of N eff.=371



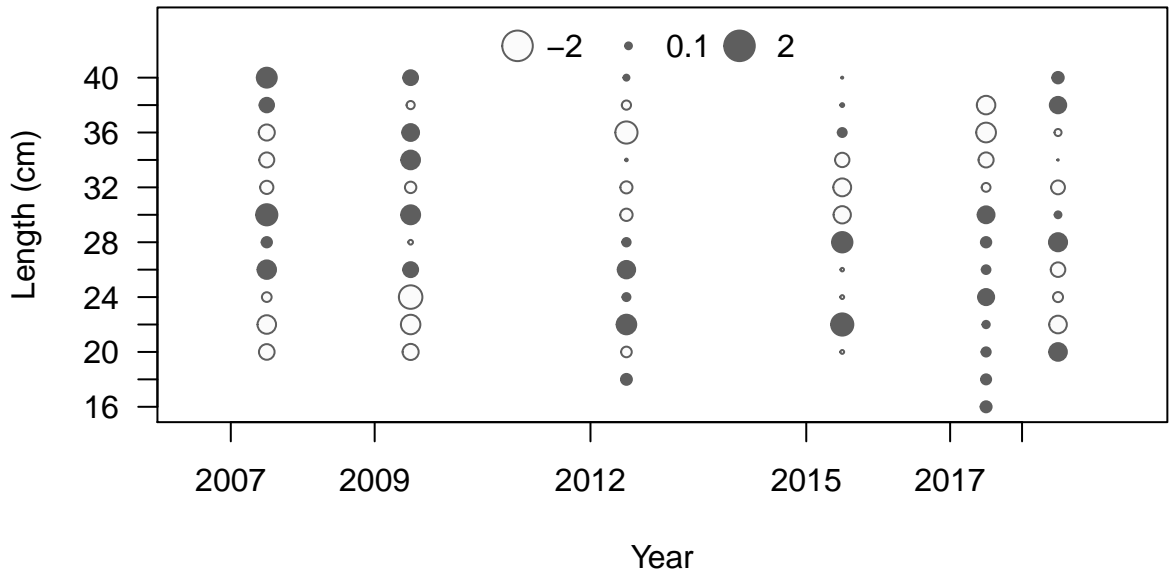


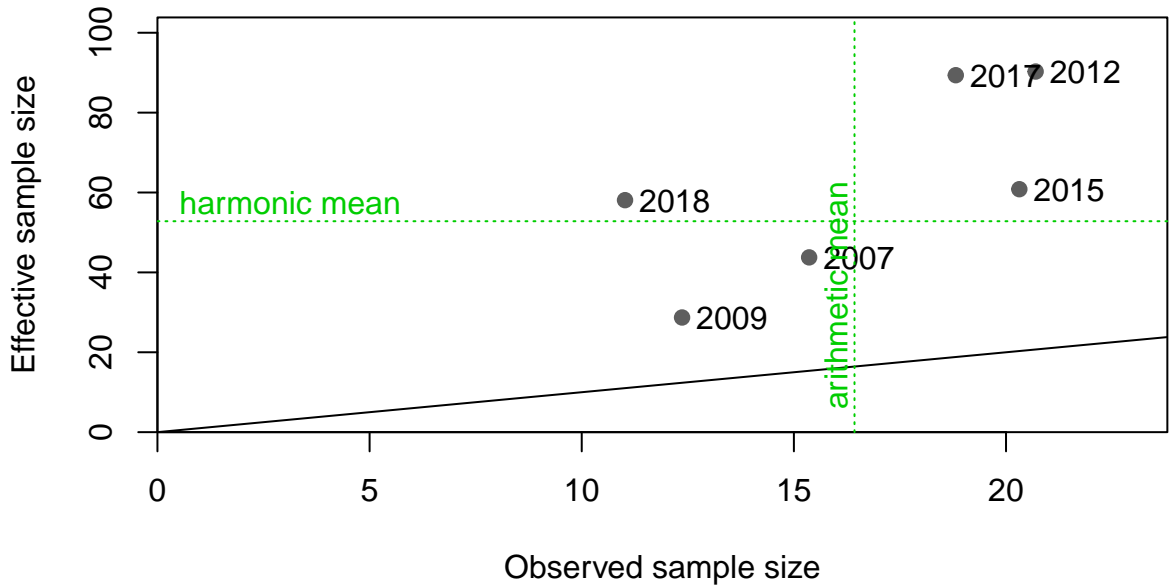


Proportion

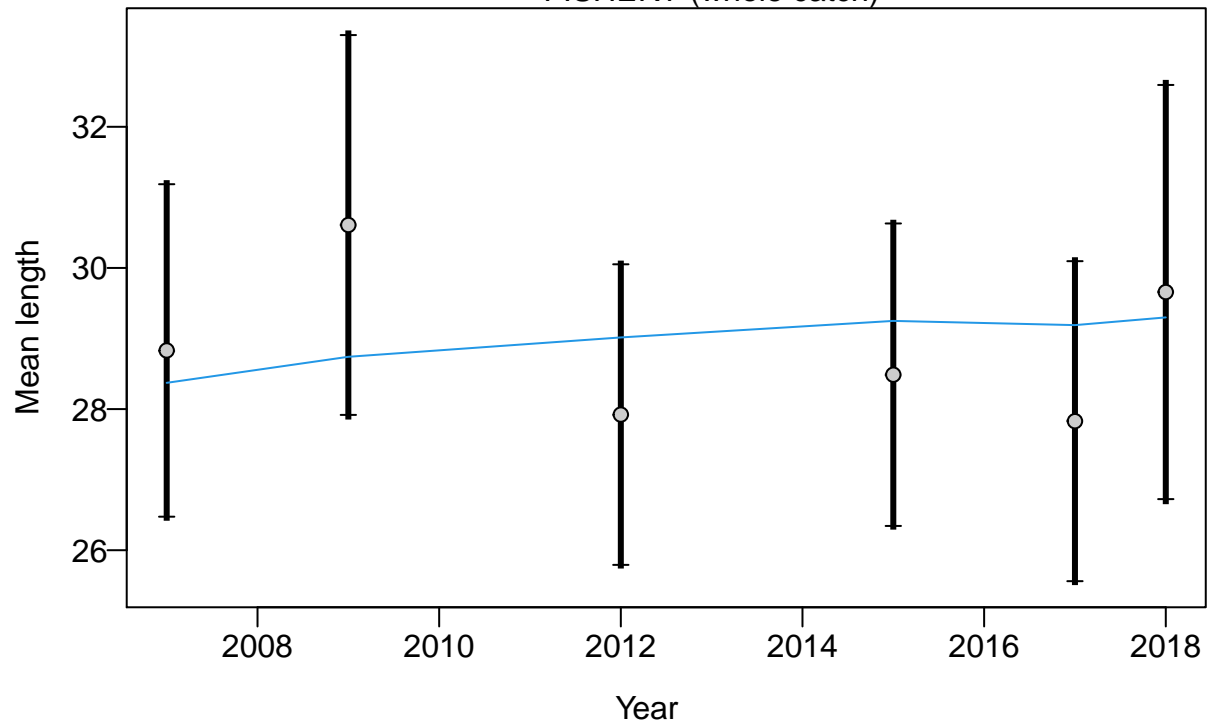


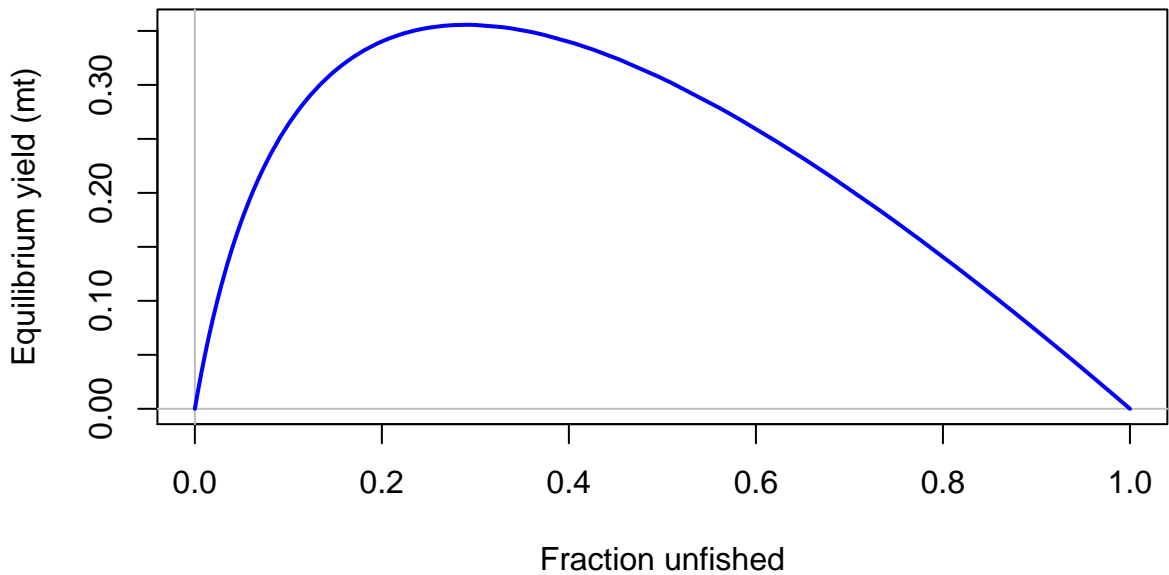
Length (cm)

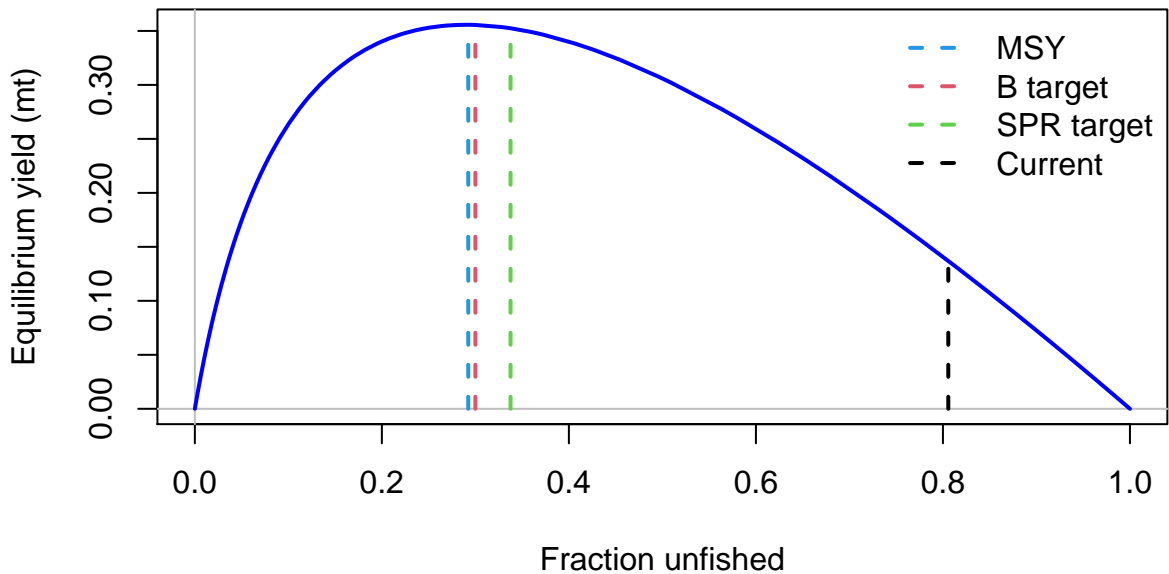


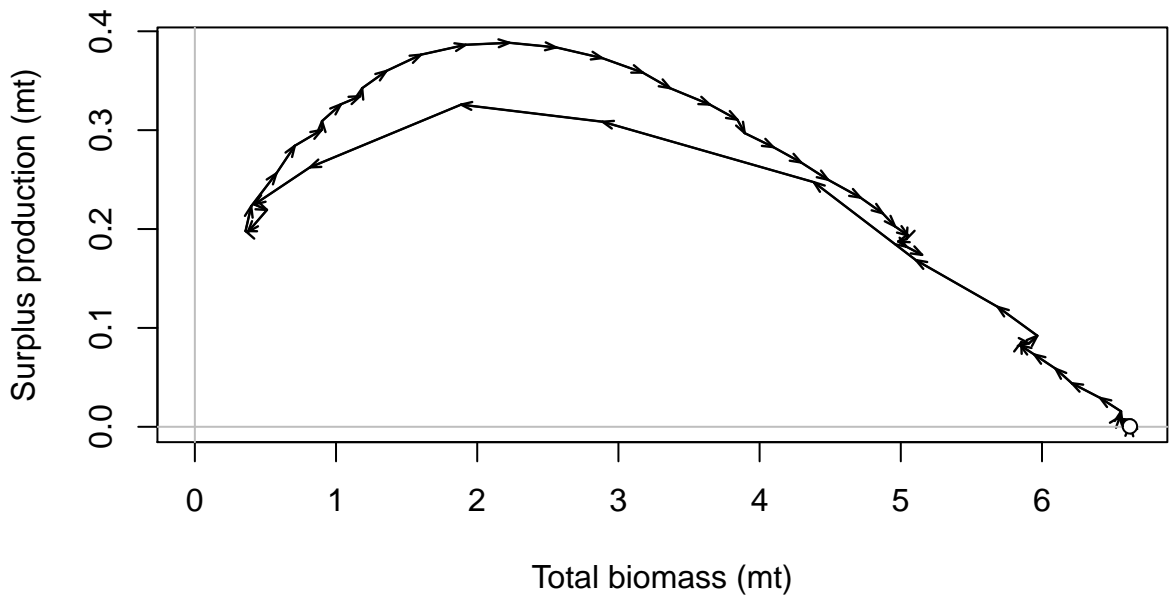


## FISHERY (whole catch)

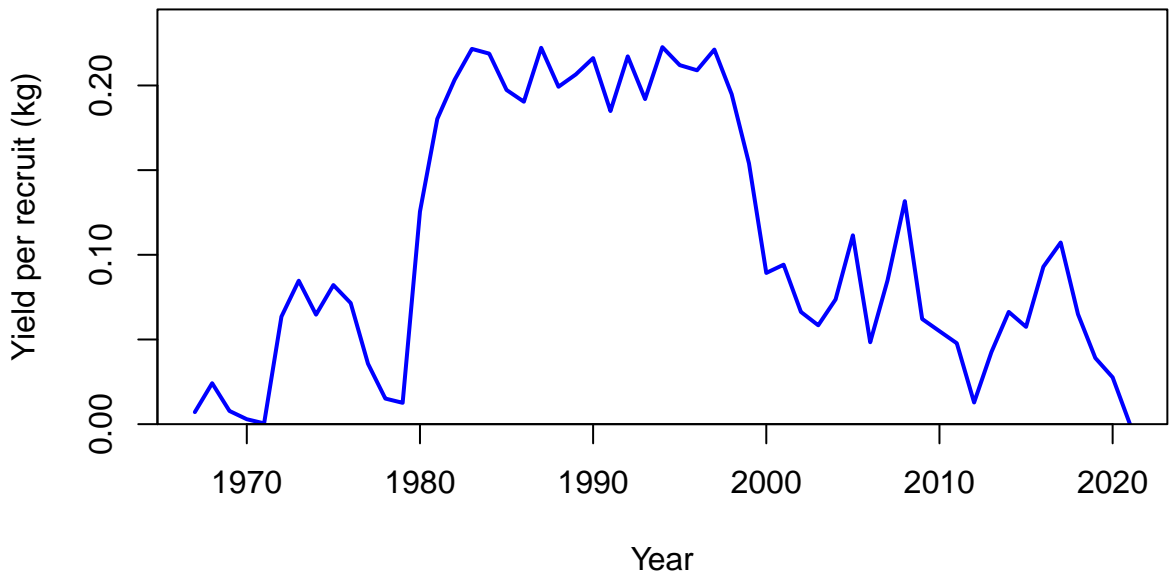


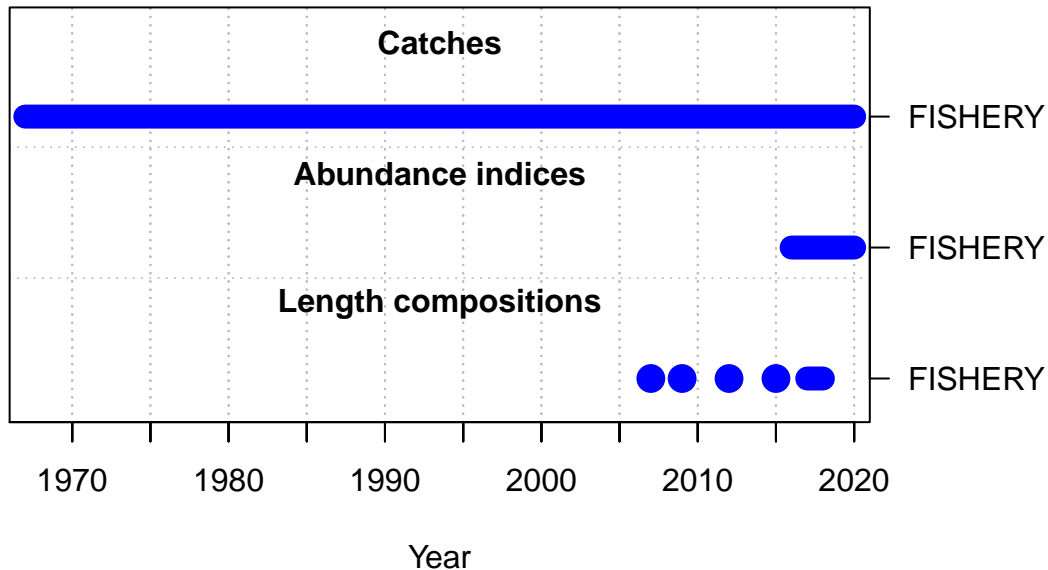


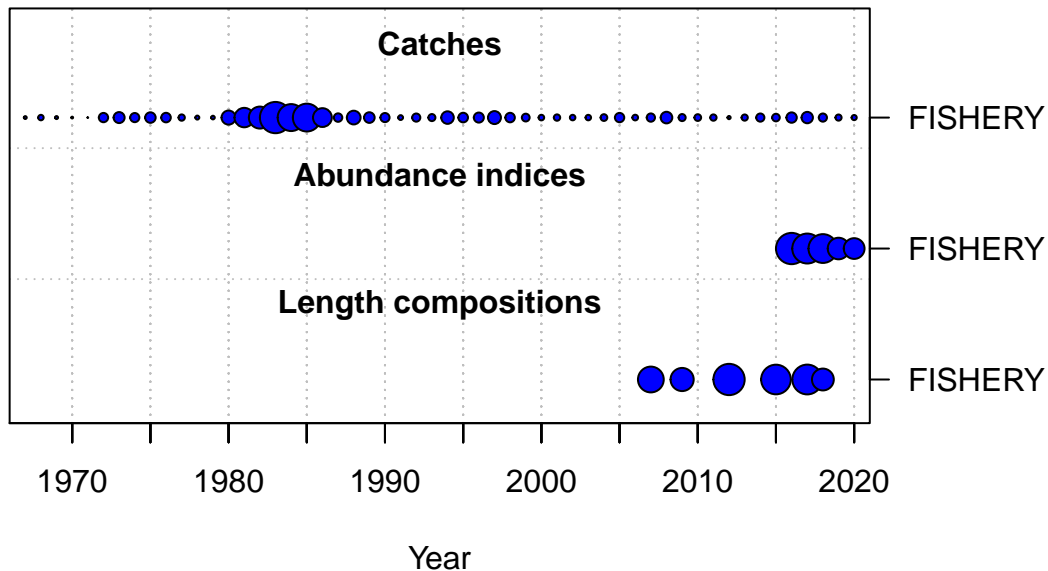




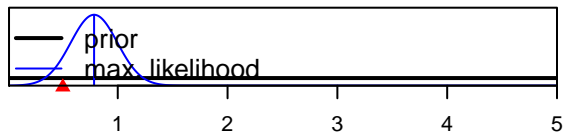




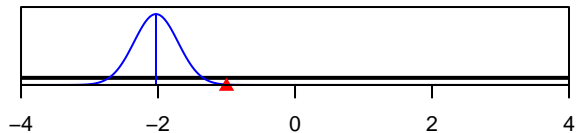




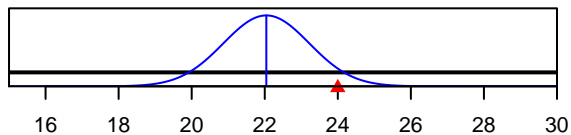
SR\_LN(R0)



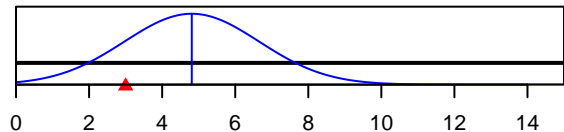
LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Size\_95%width\_FISHERY(1)



Parameter value