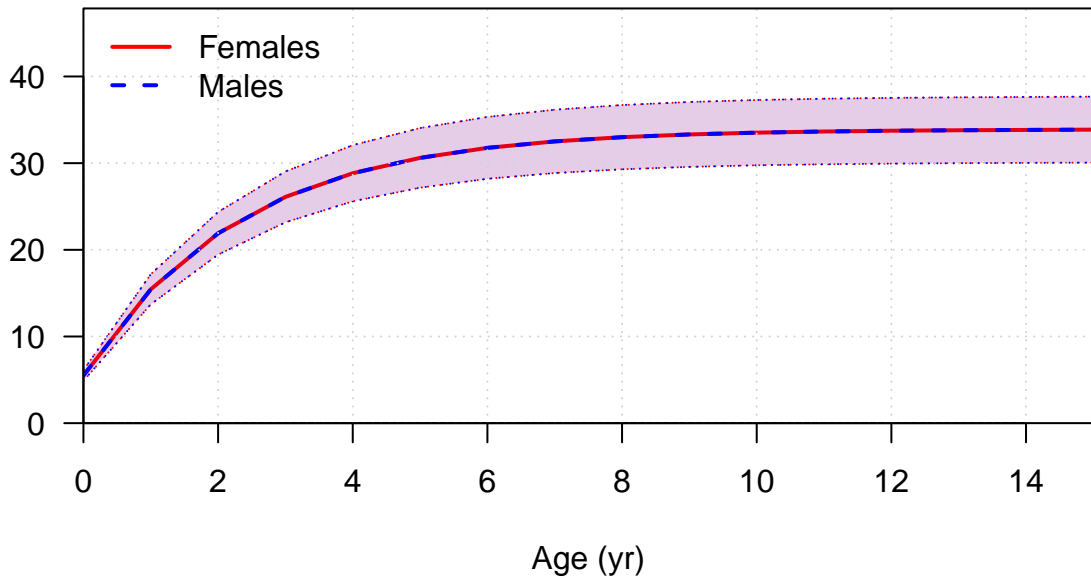
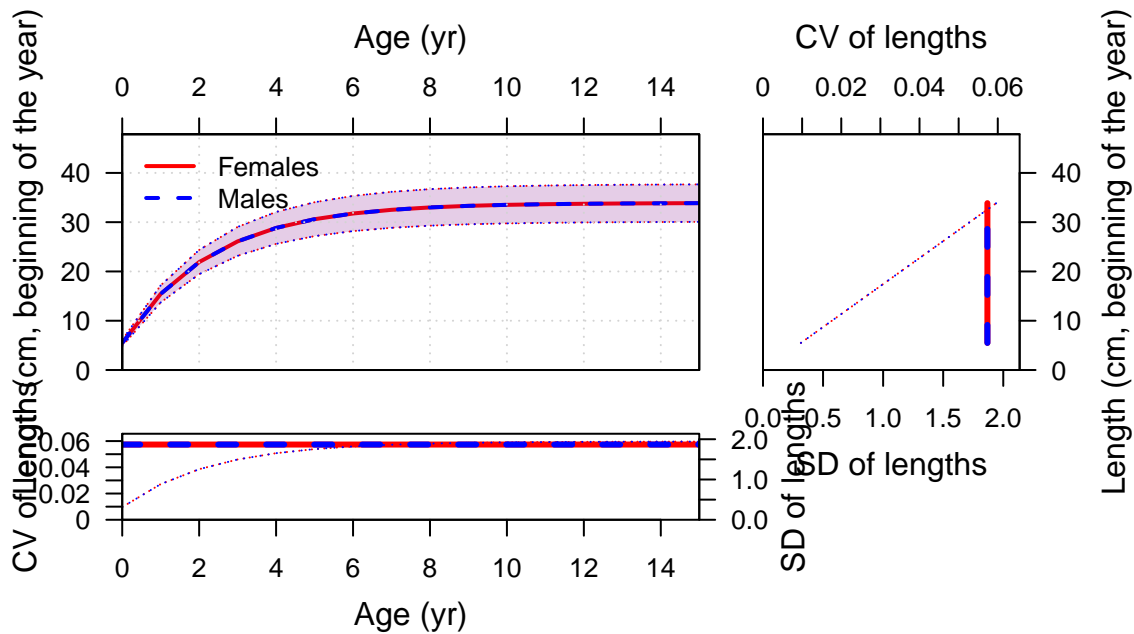
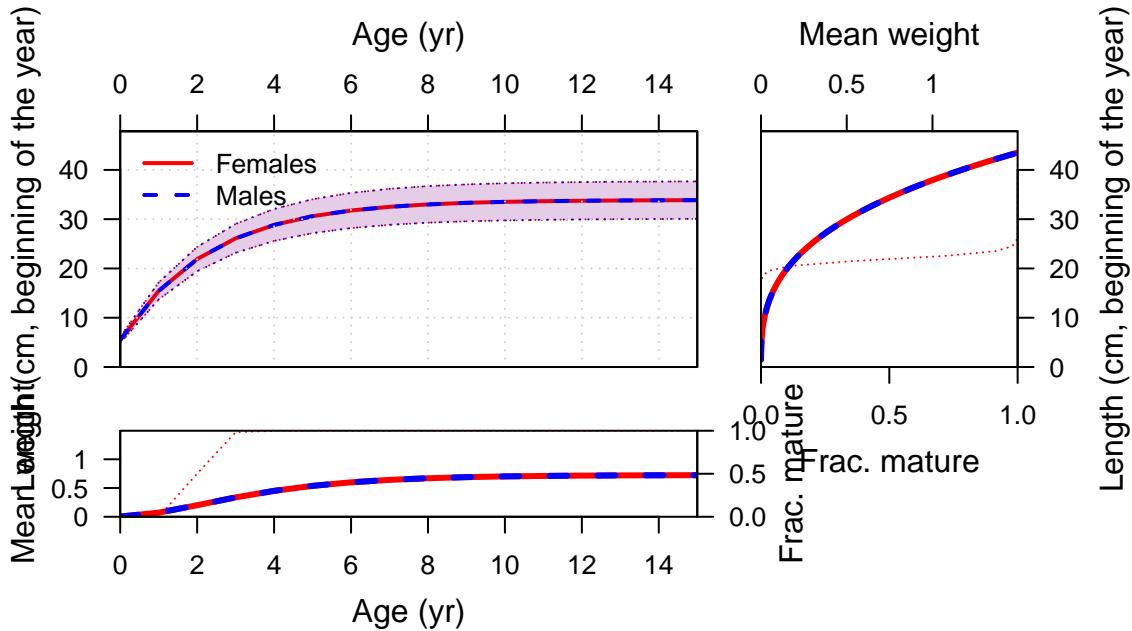


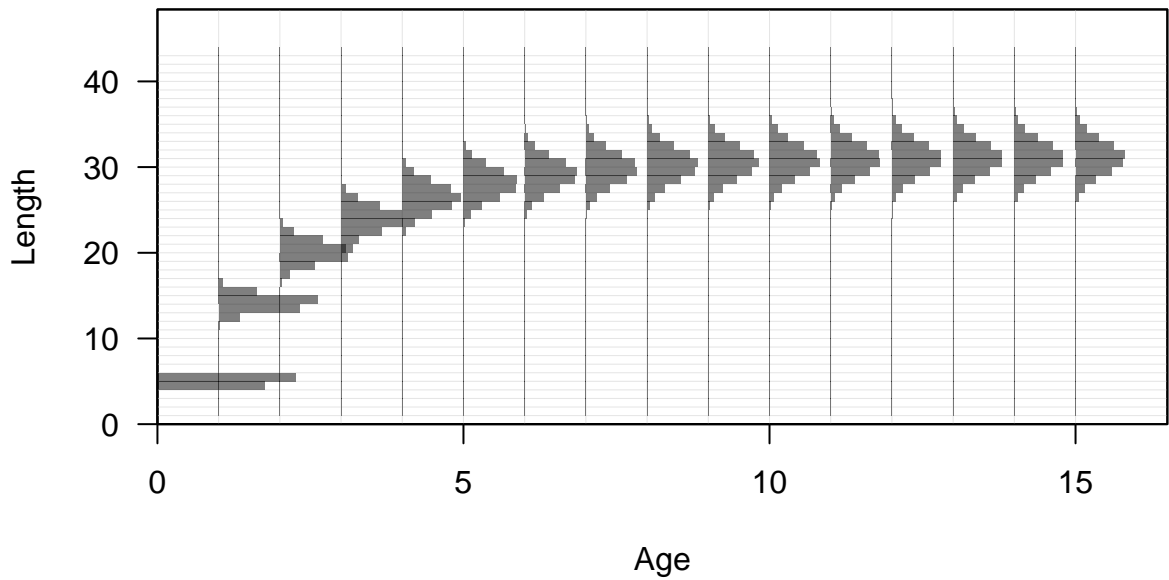
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Tue Jan 24 11:46:24 2023  
Data\_File: data.ss  
Control\_File: control.ss

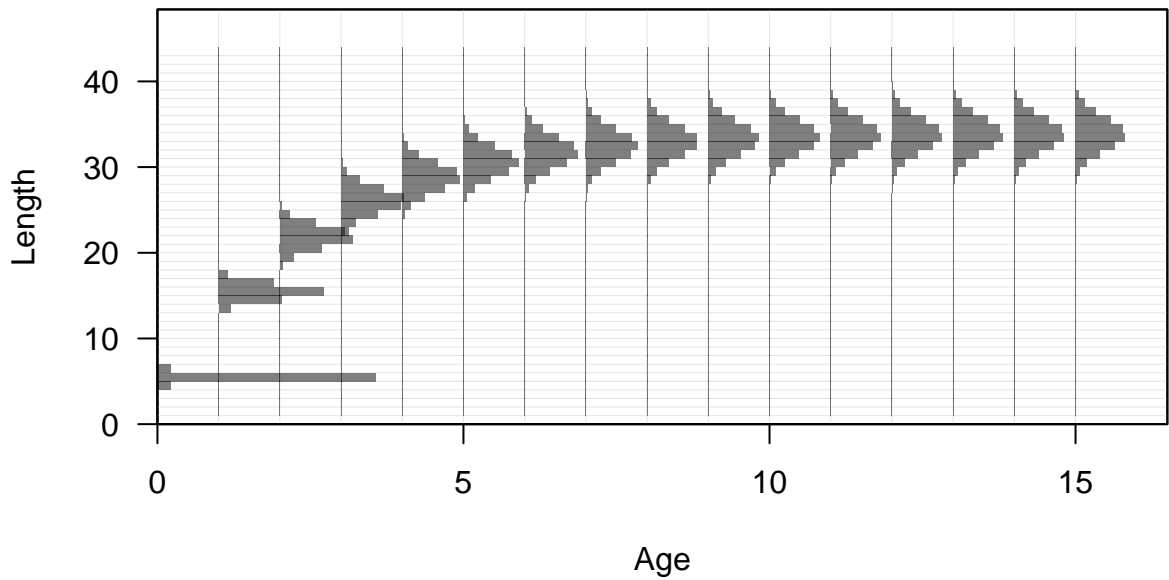
Length (cm, beginning of the year)

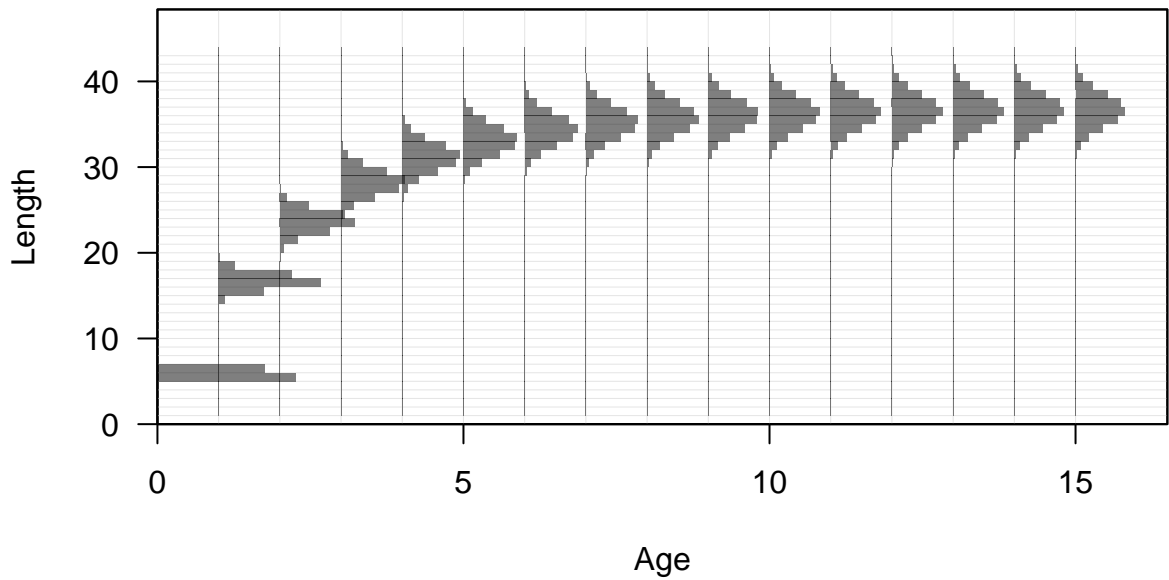


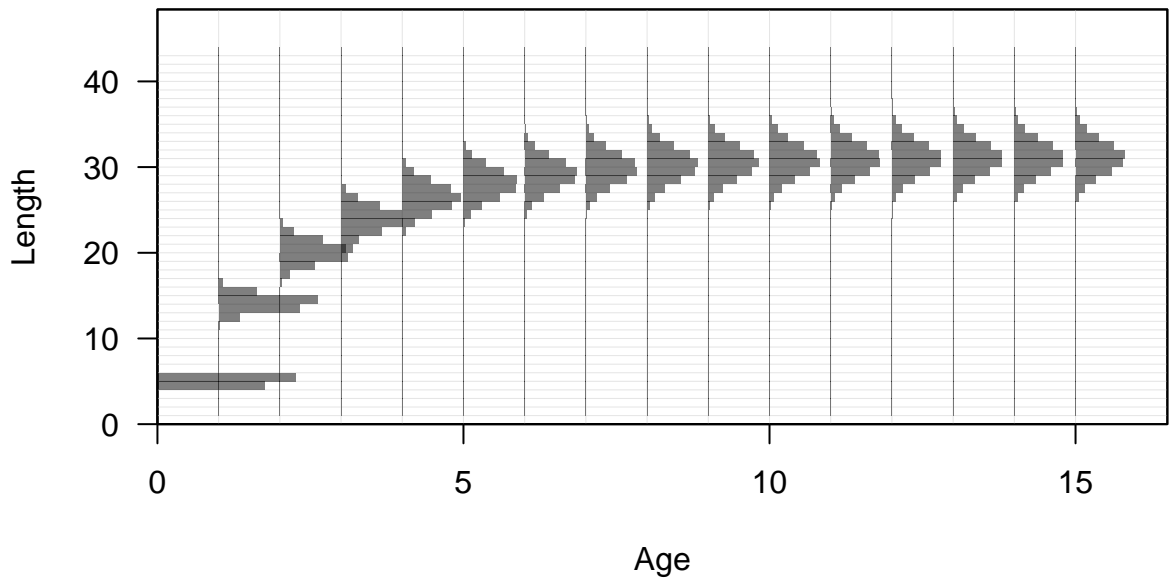




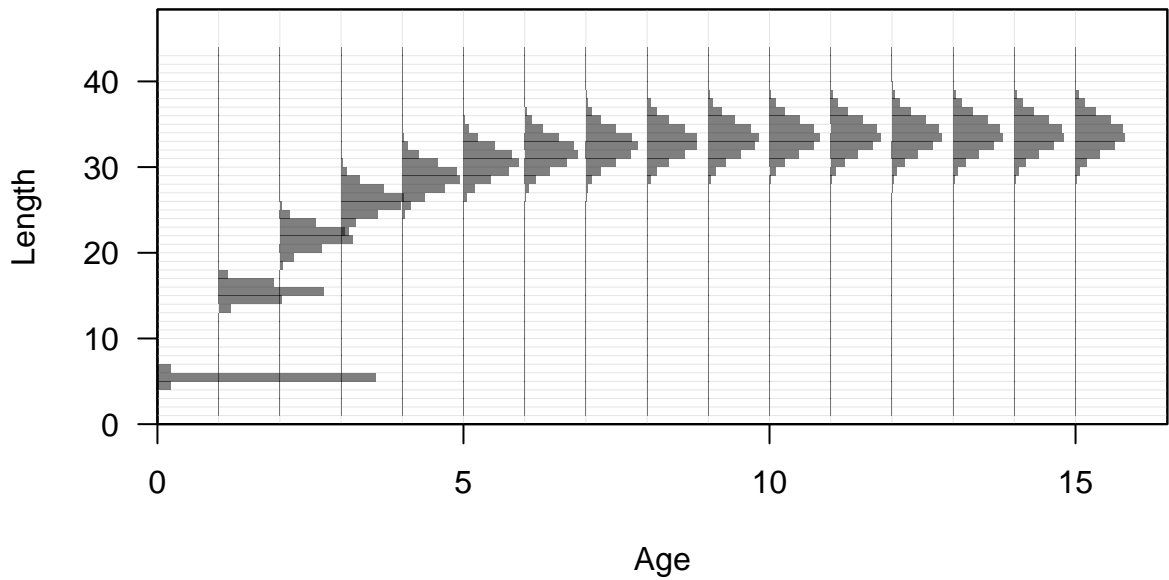


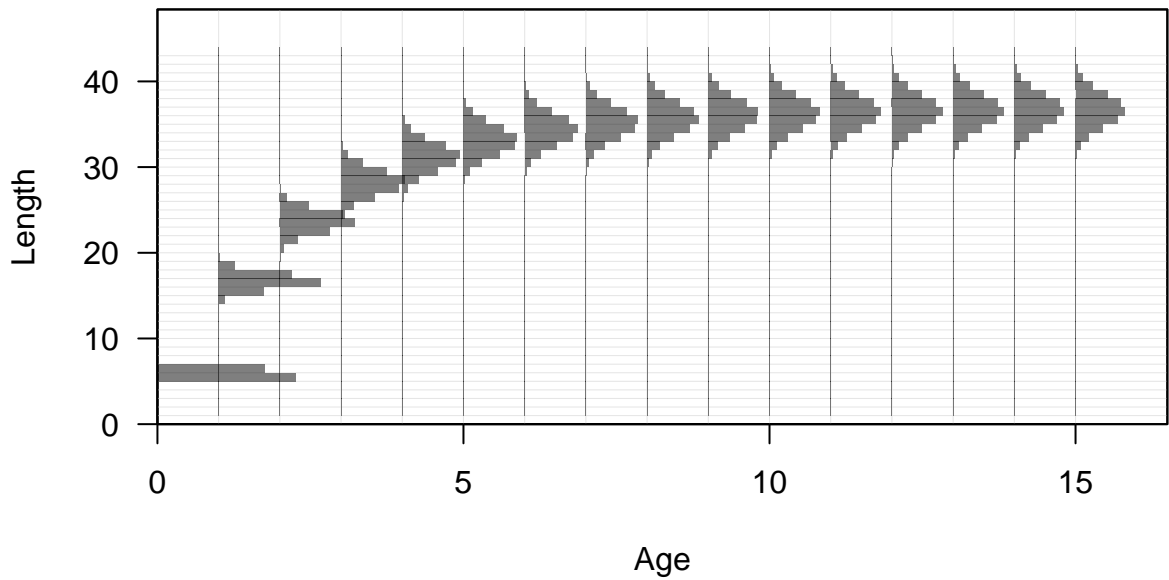


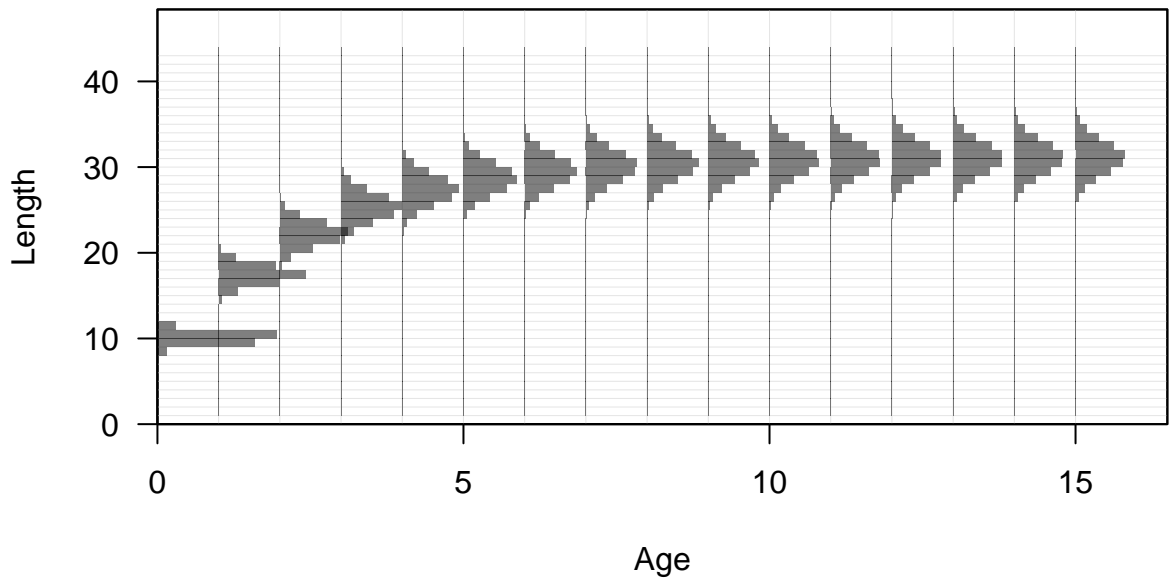


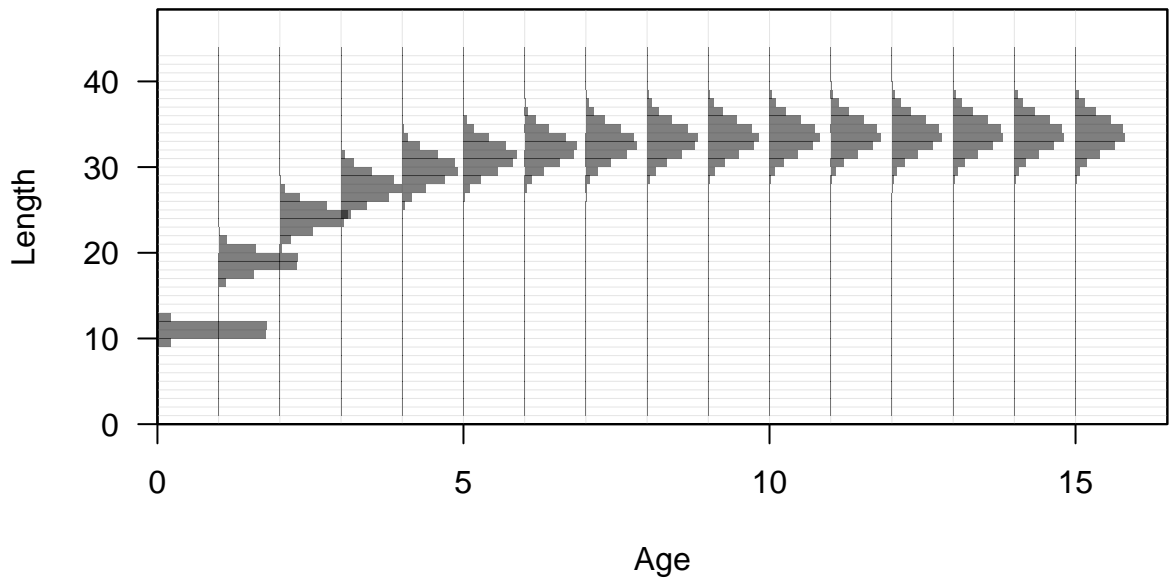


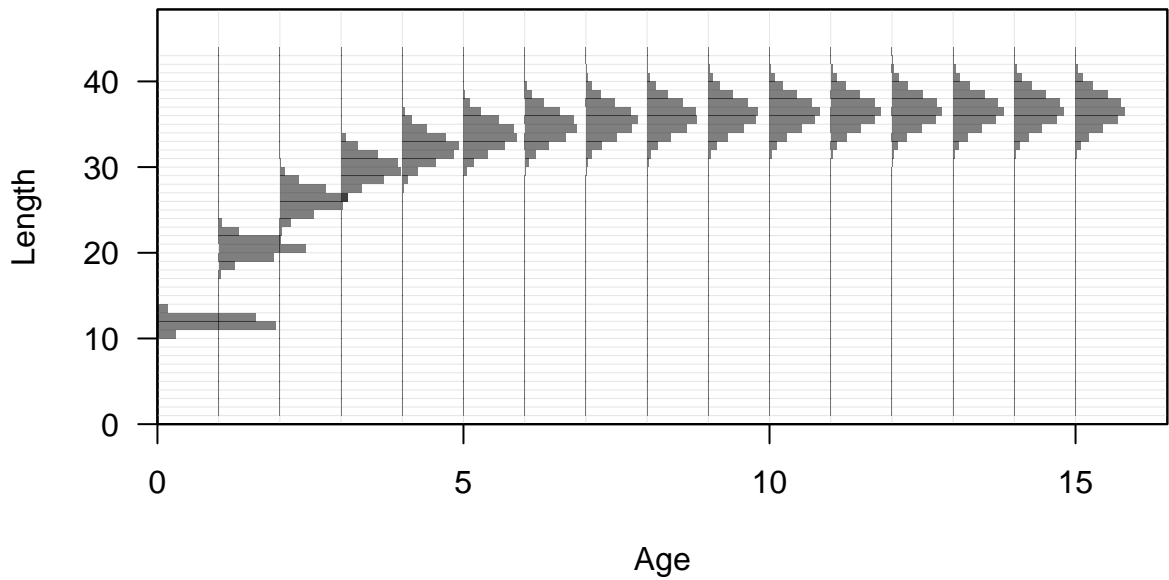


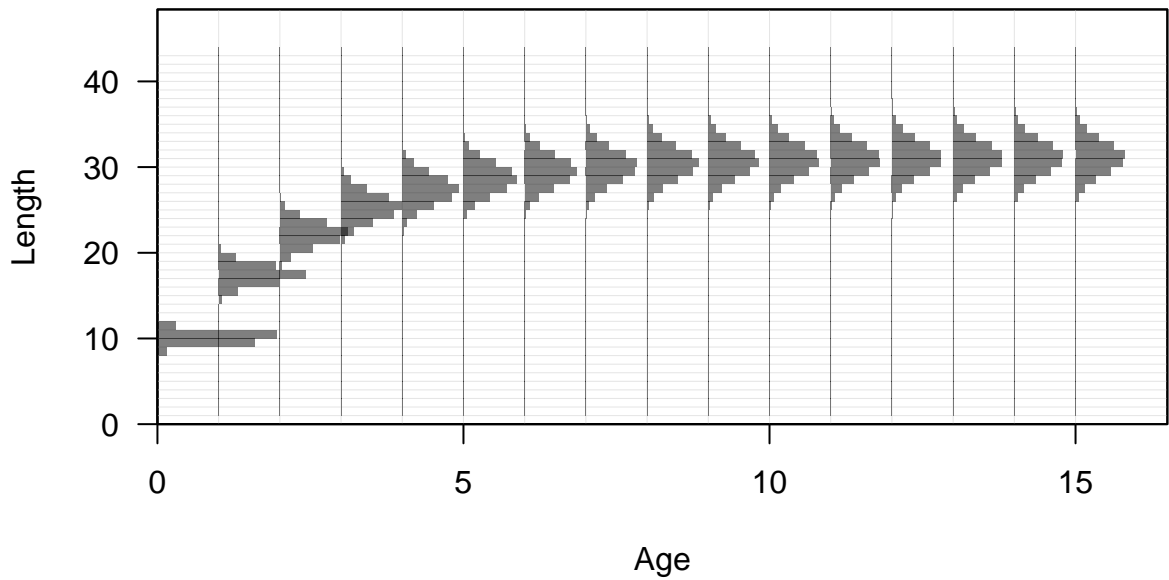


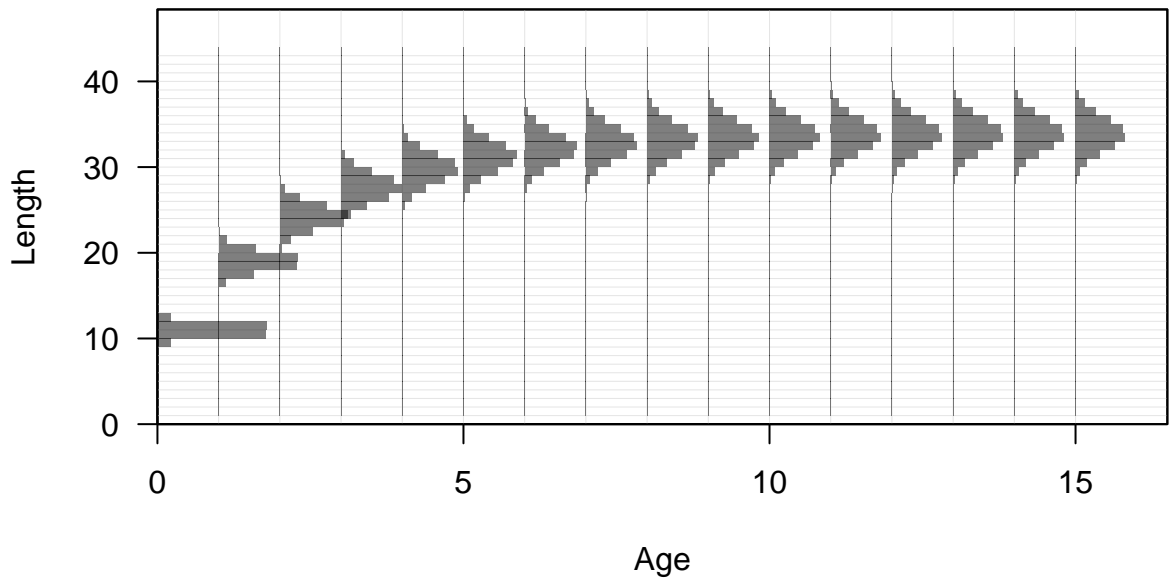


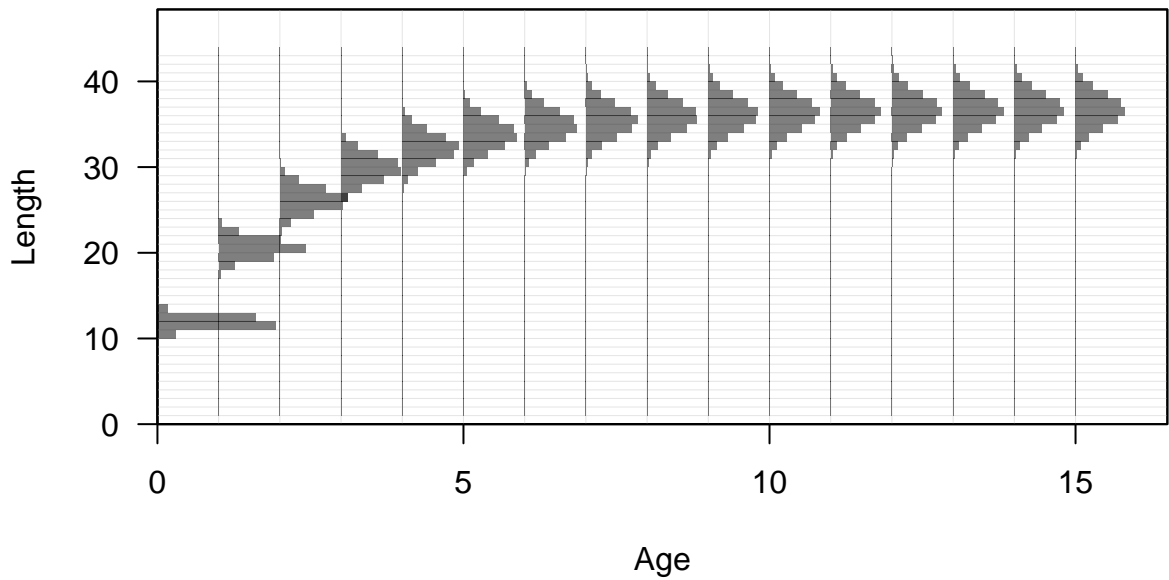




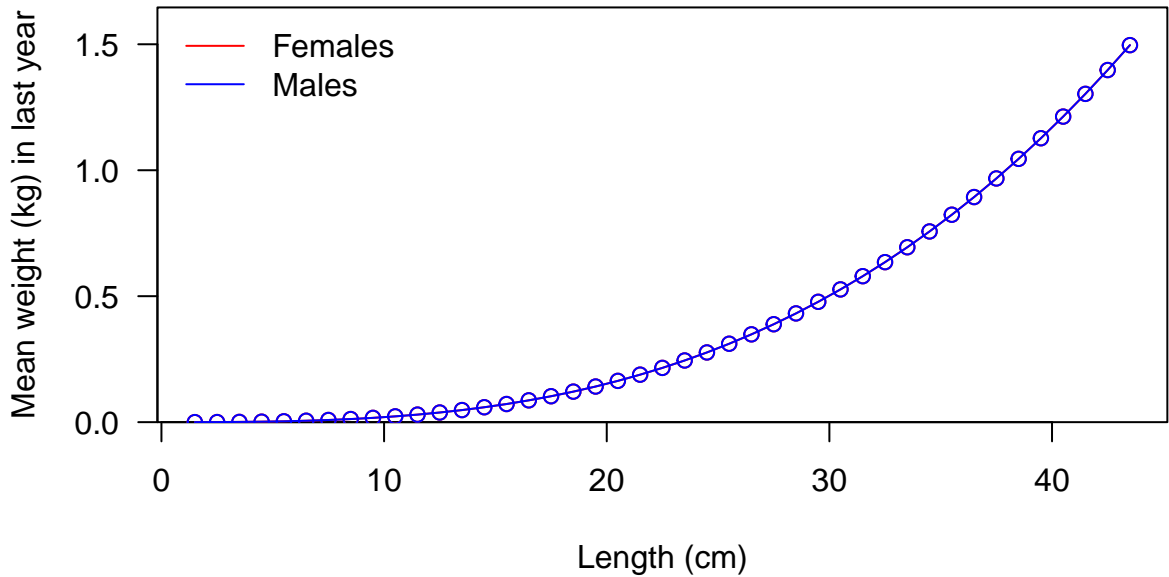


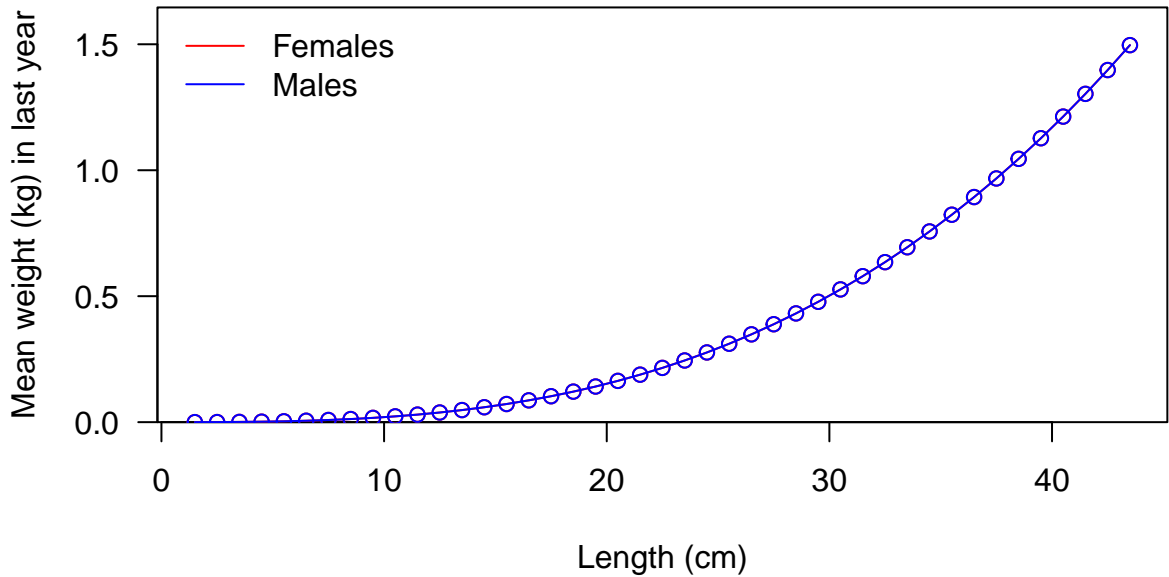


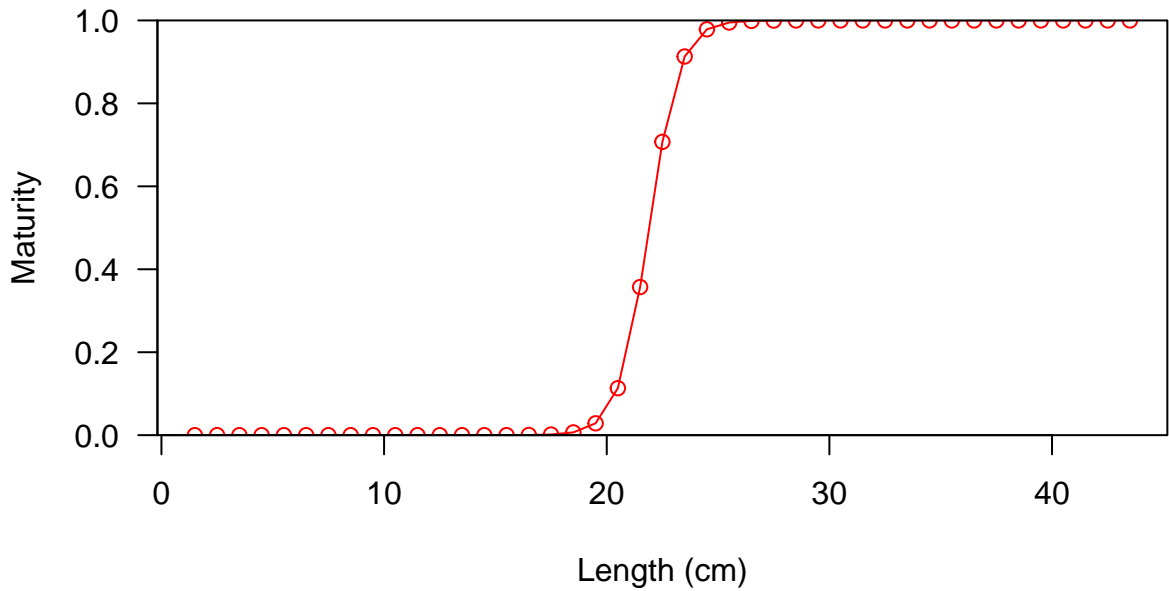


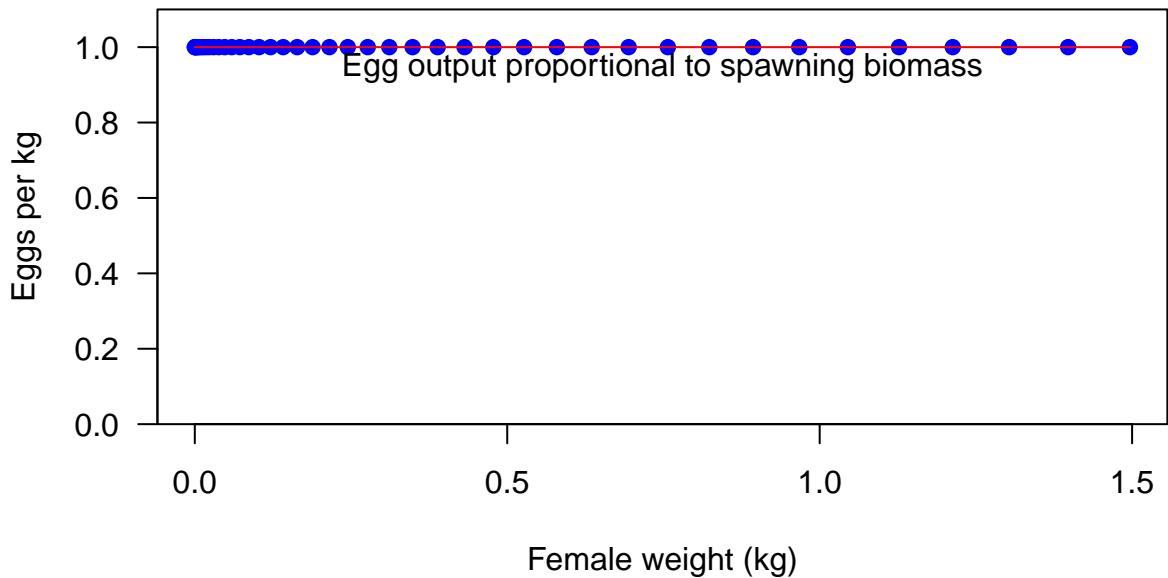


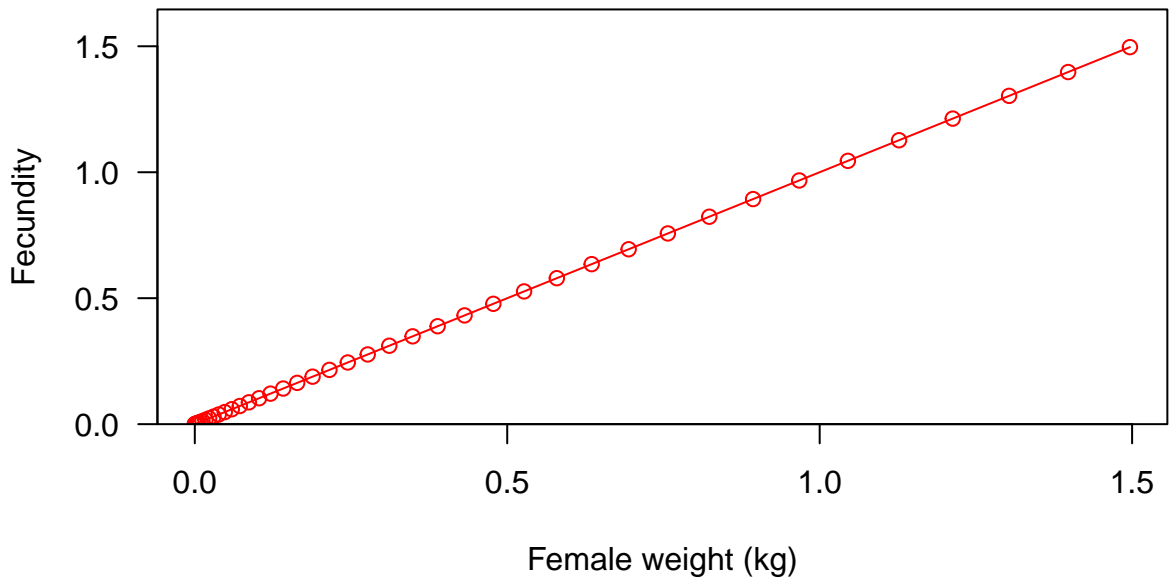


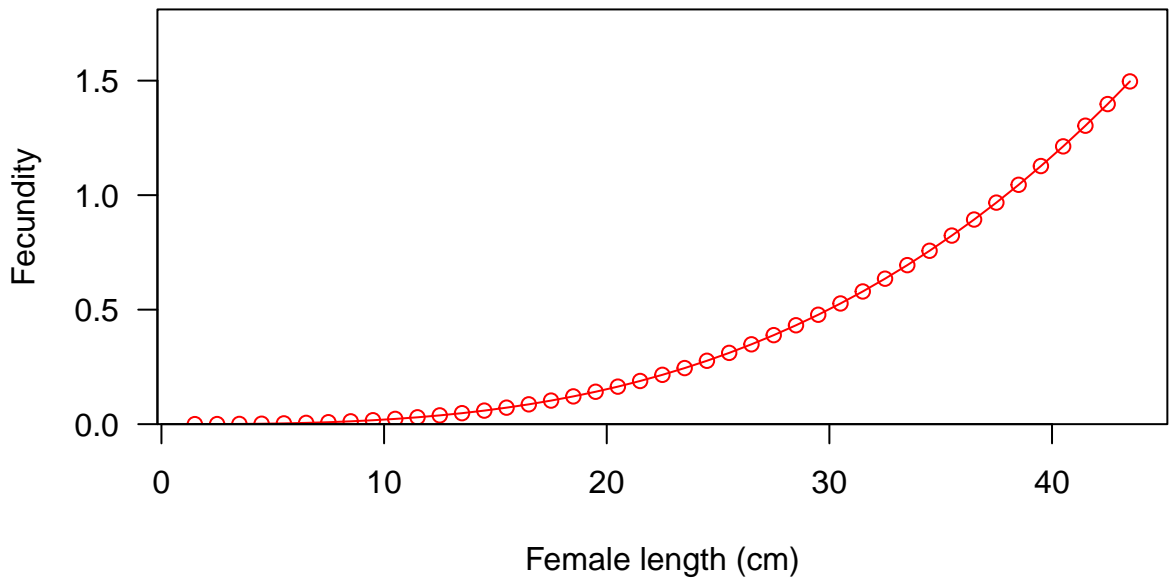


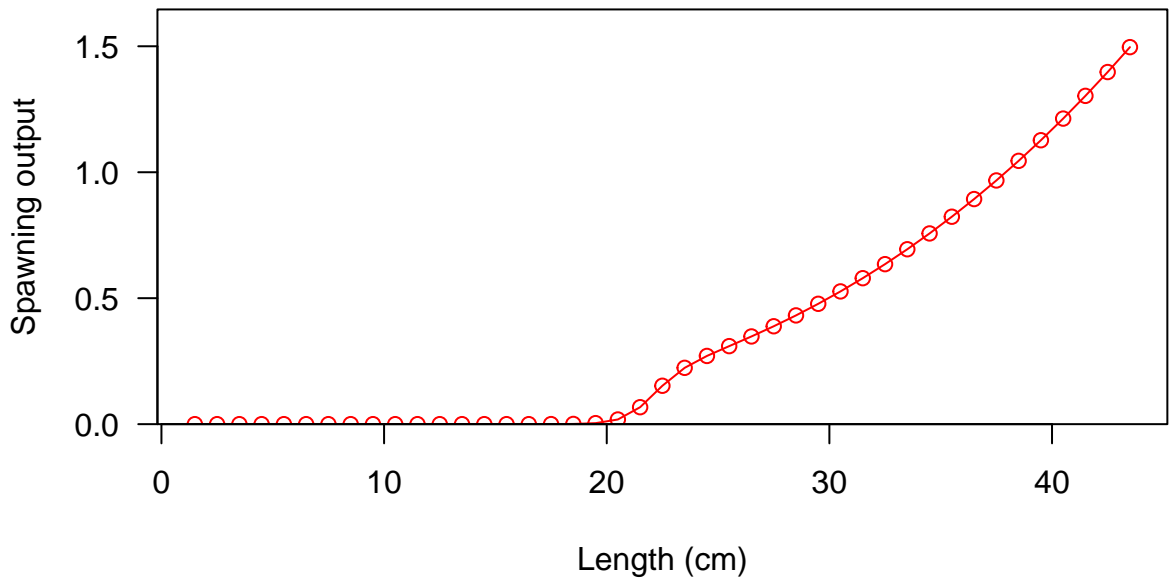


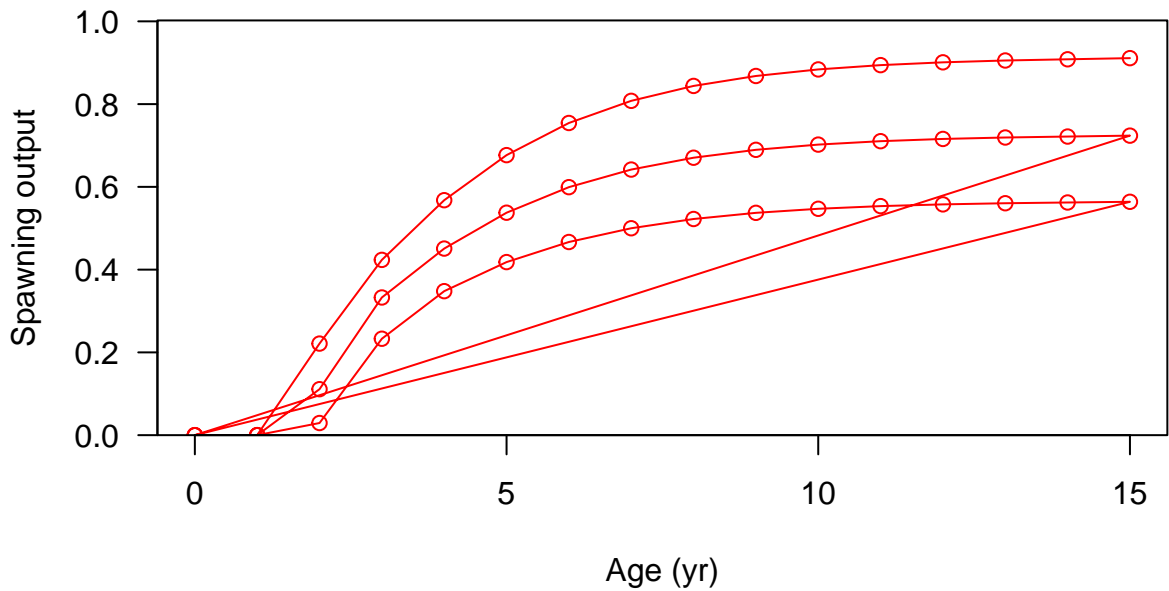






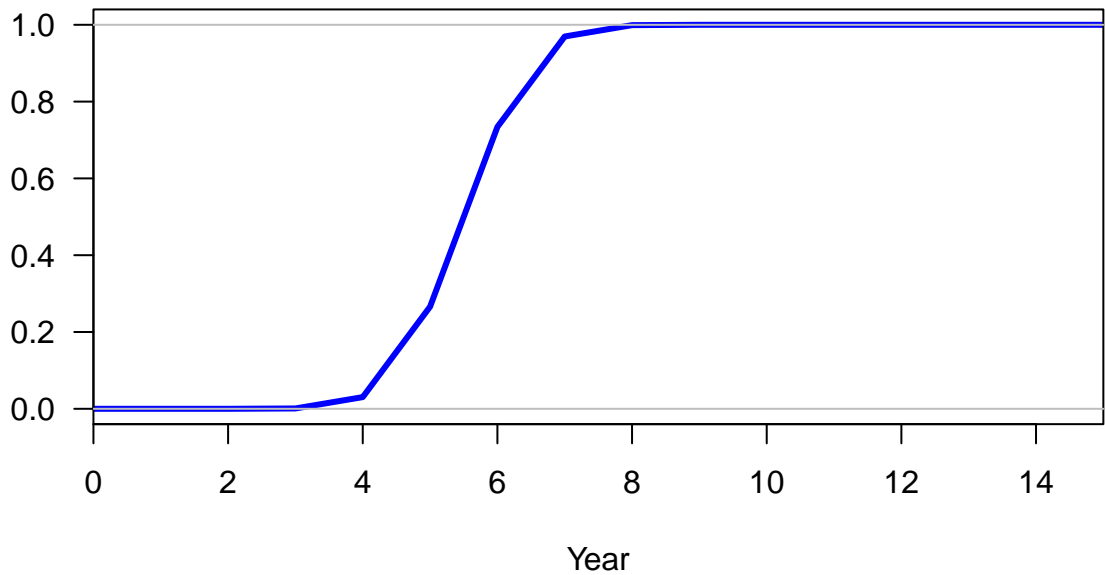




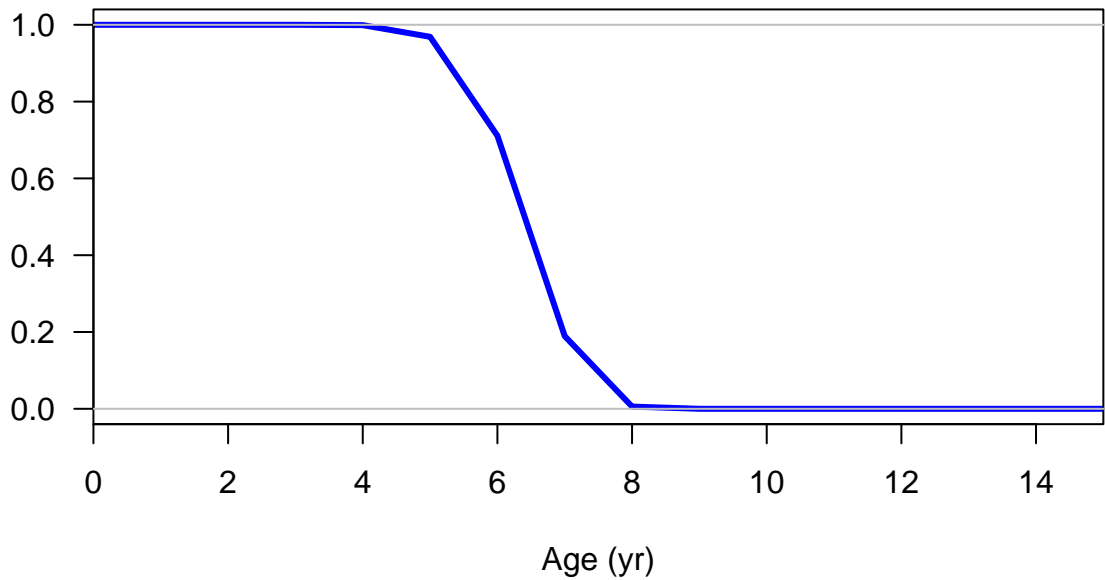




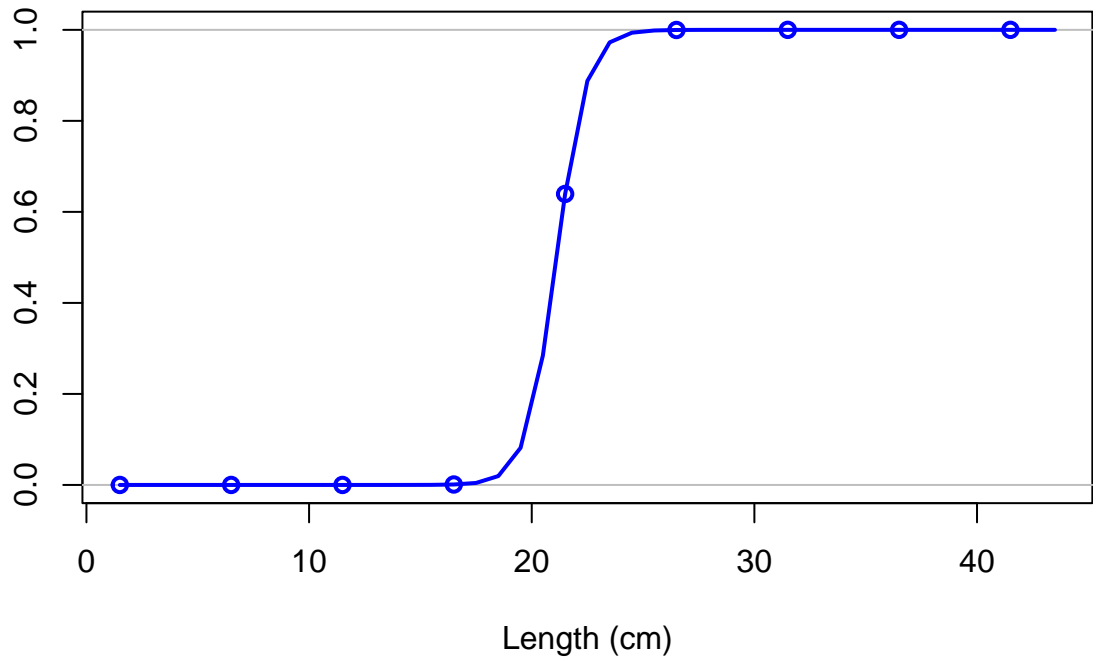
Hermaphroditism transition rate



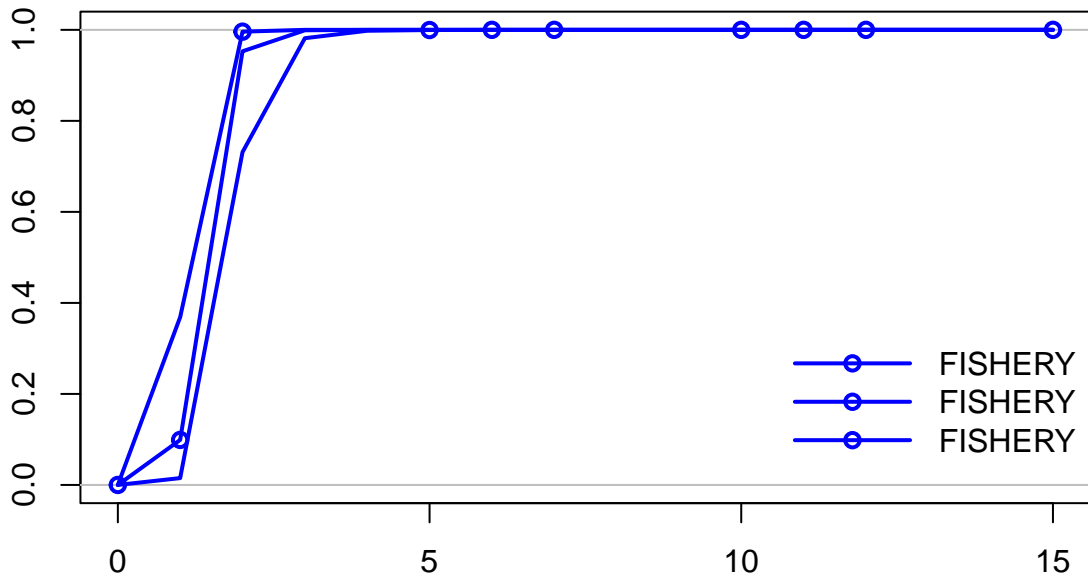
Fraction females by age at equilibrium



Selectivity

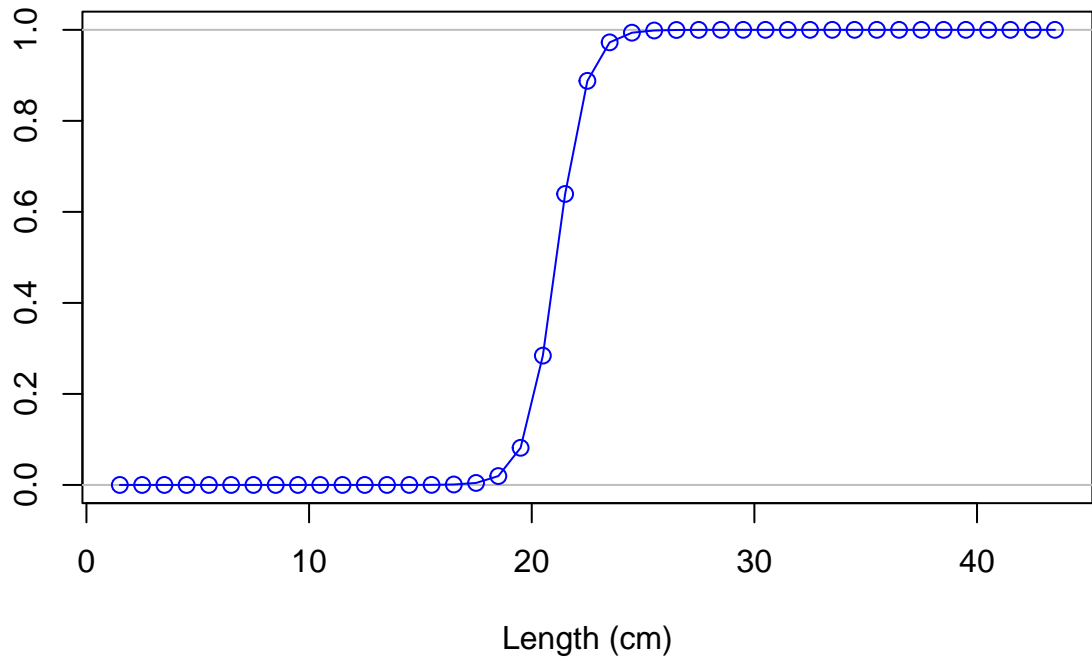


Selectivity

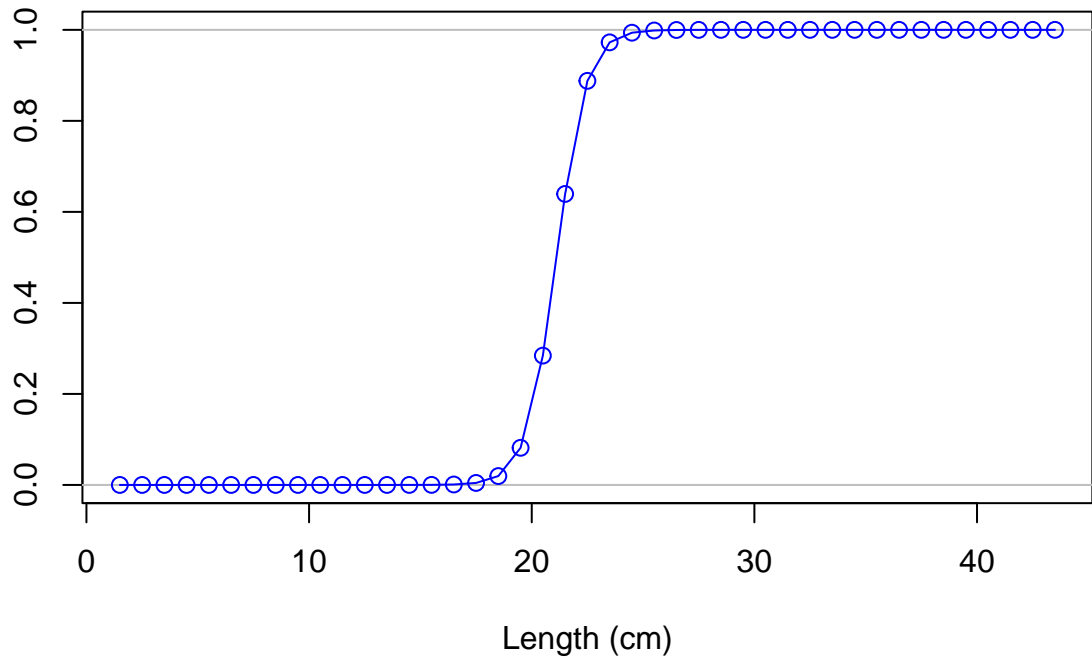


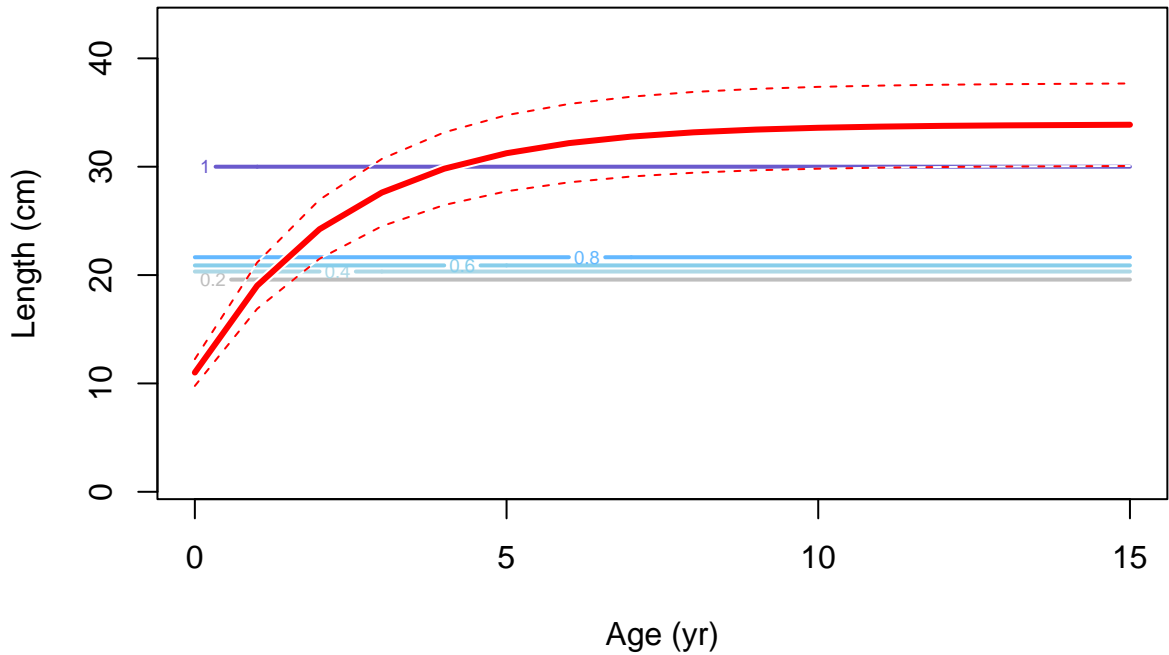
Age (yr)

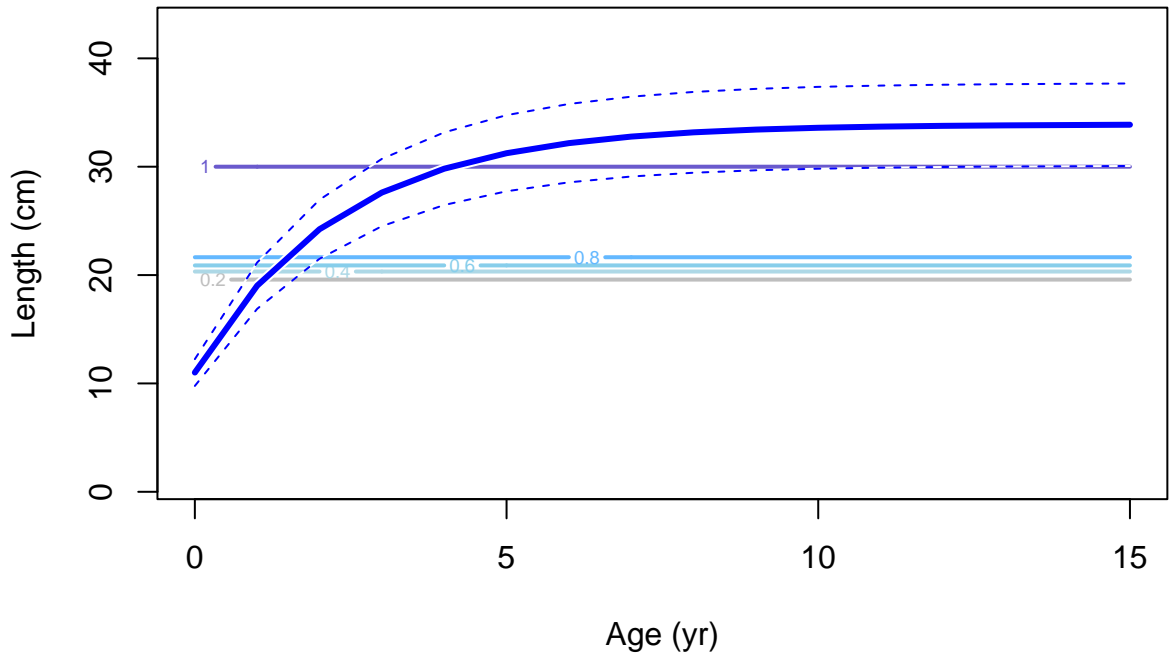
Selectivity



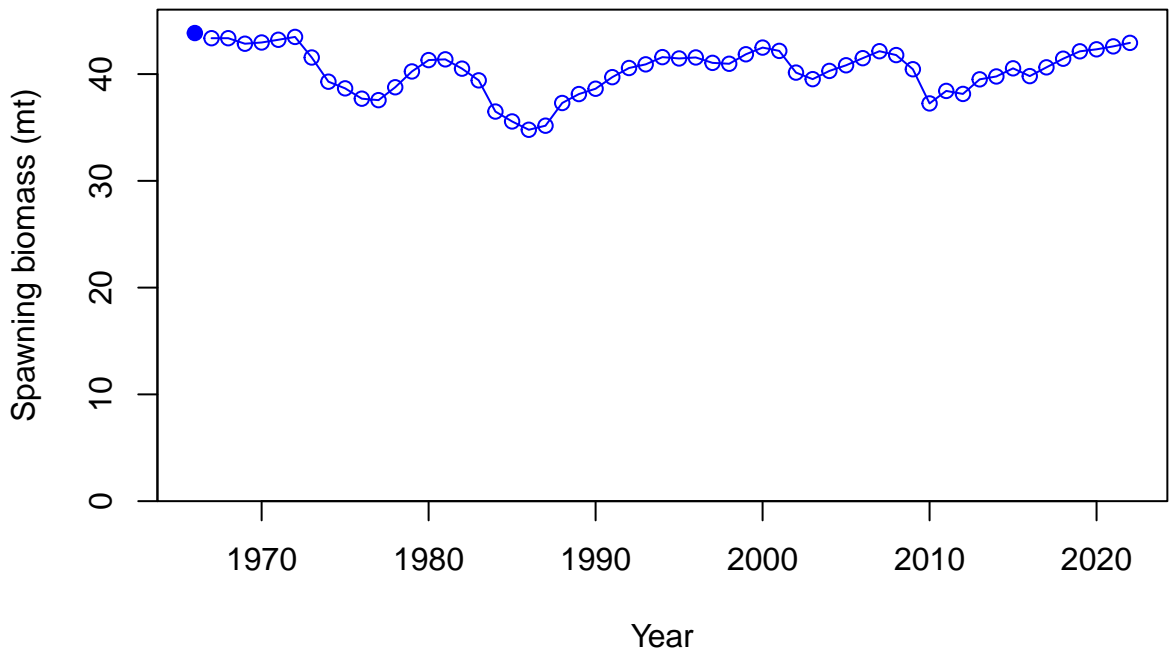
Selectivity

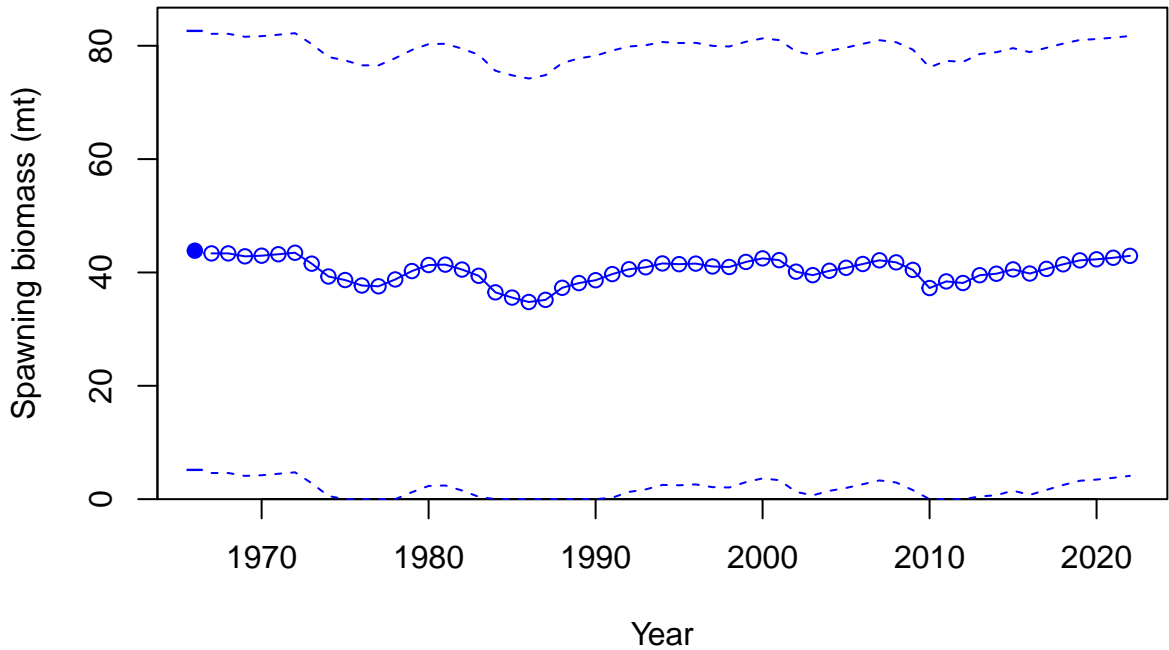




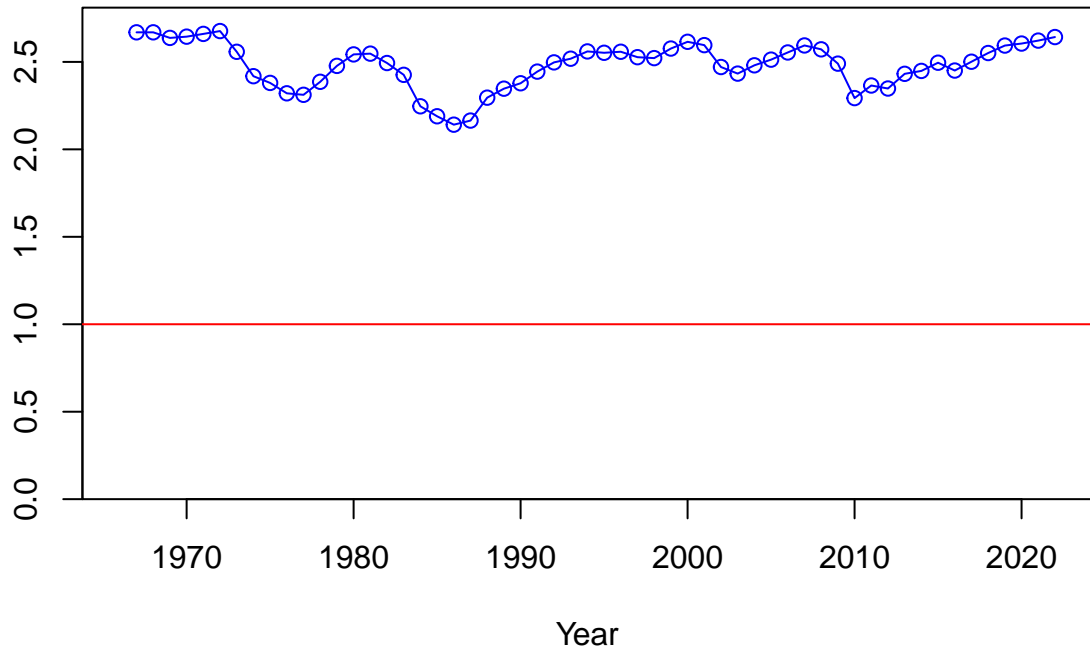




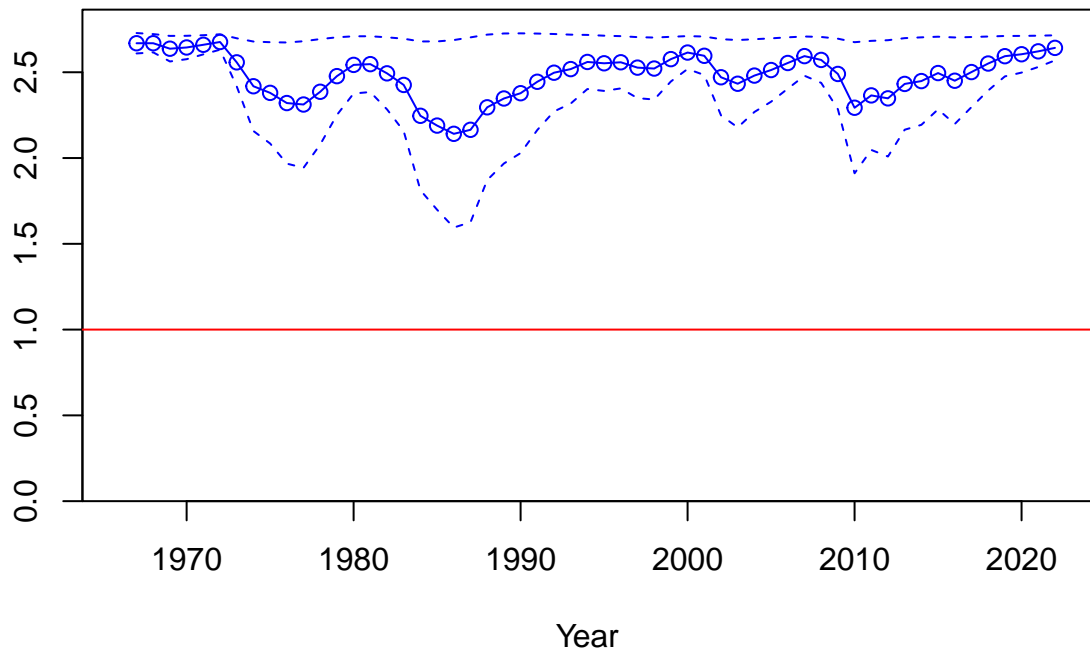


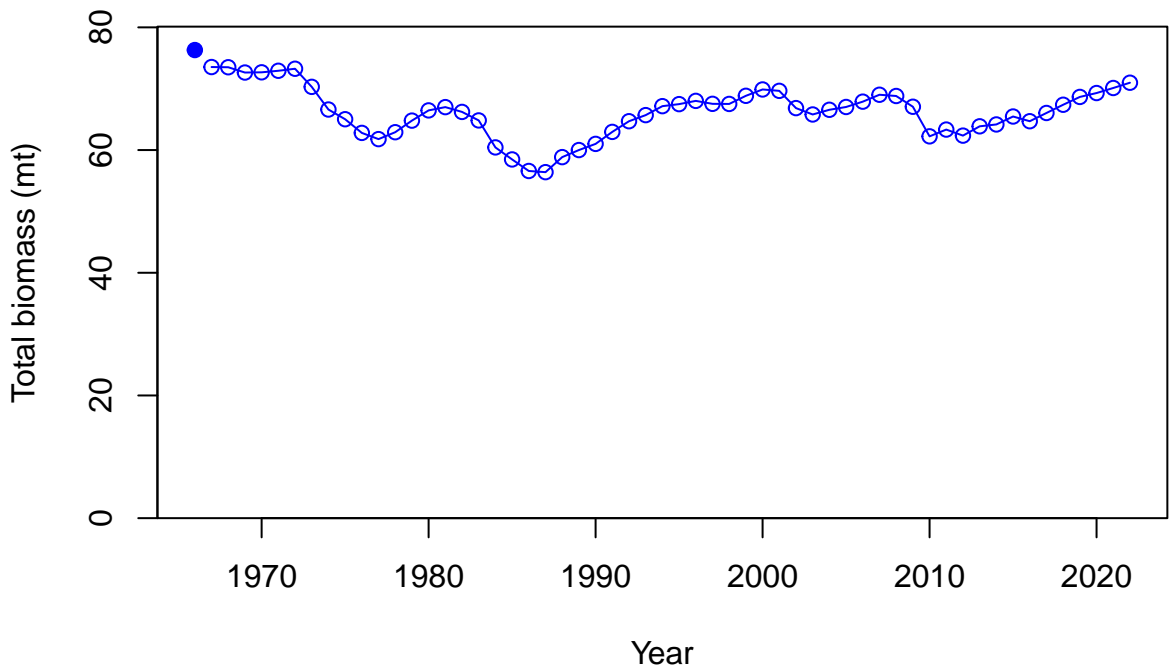


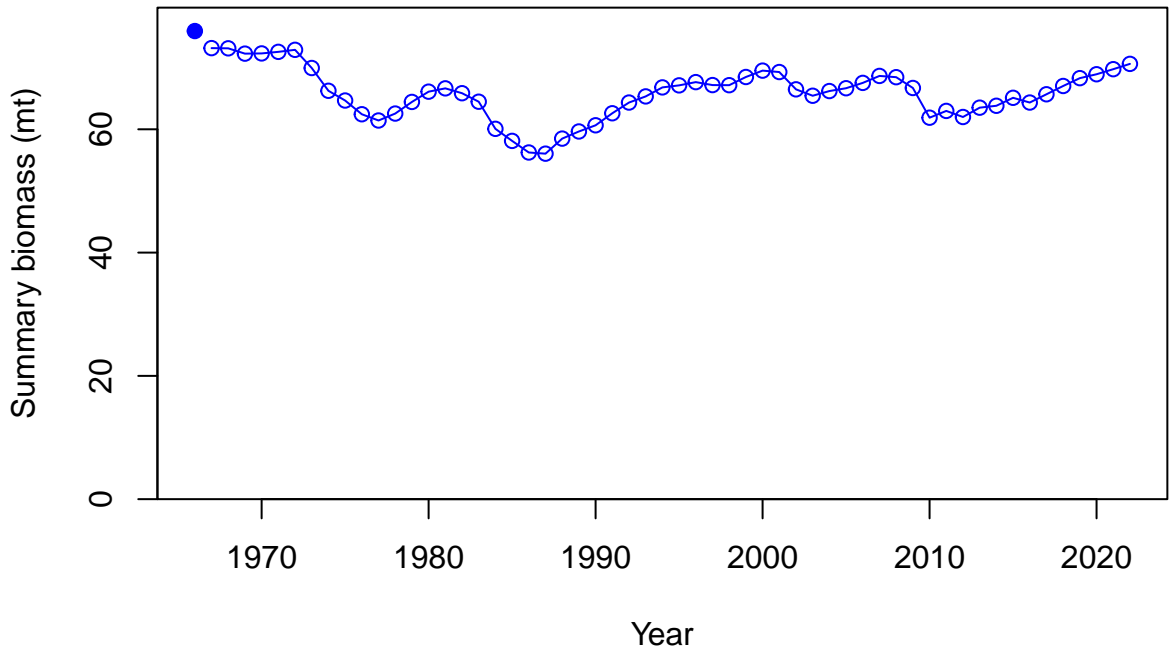
Relative spawning biomass:  $B/B_{MSY}$



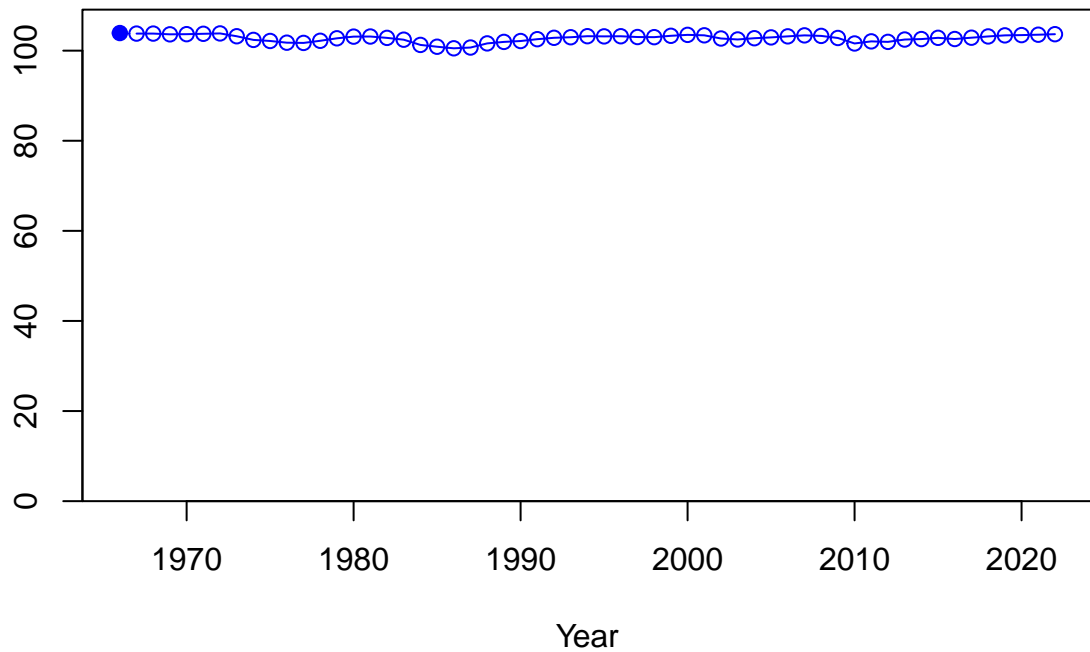
Relative spawning biomass:  $B/B_{MSY}$

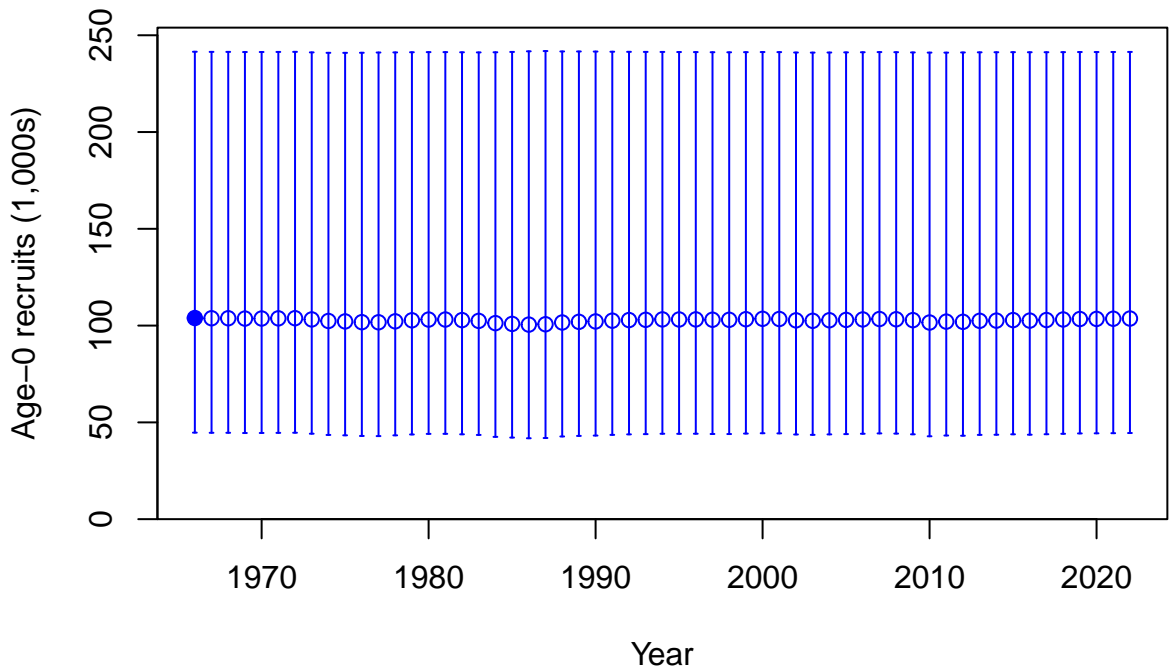






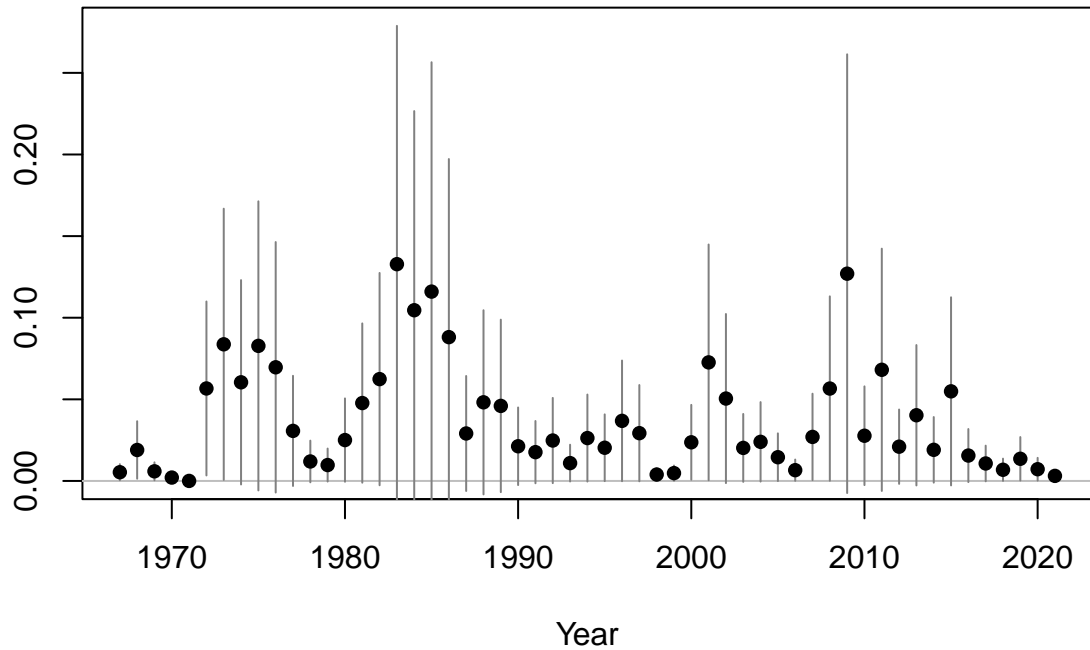
Age-0 recruits (1,000s)

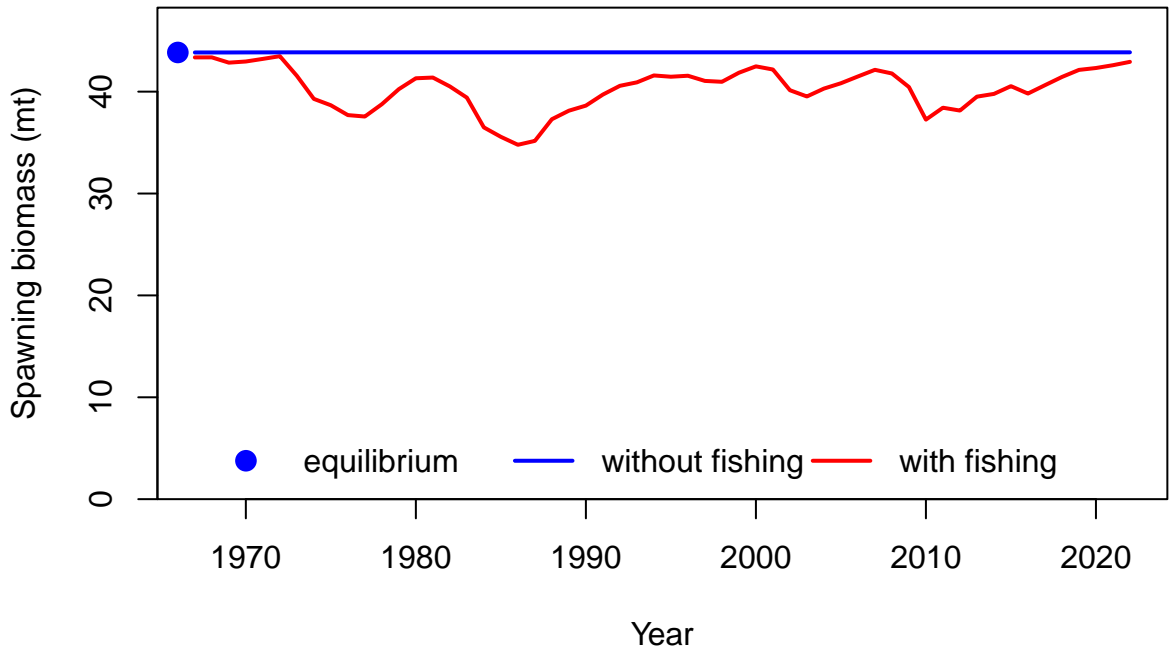


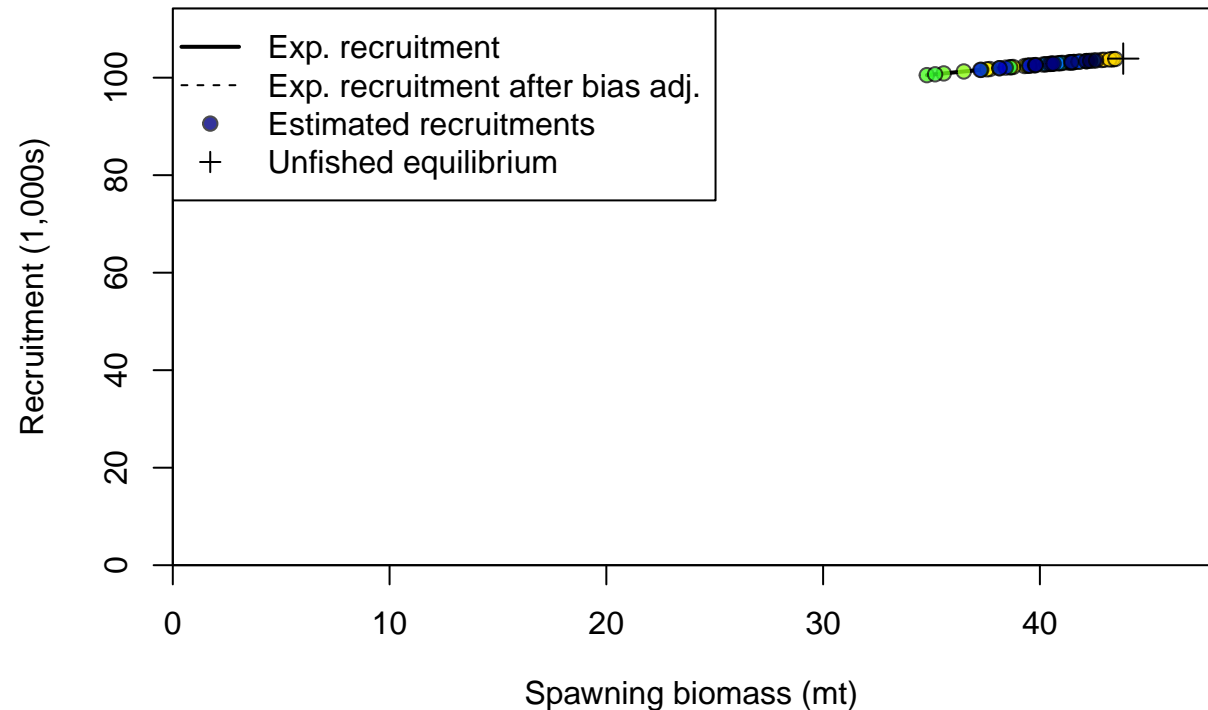


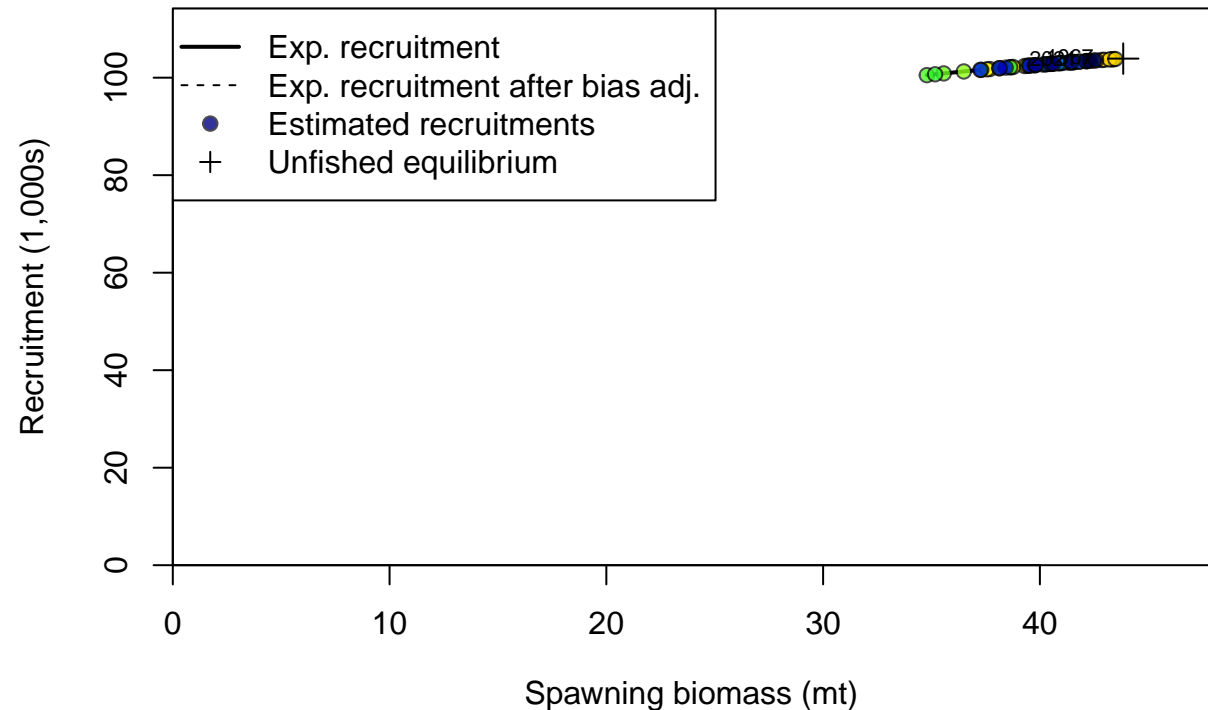


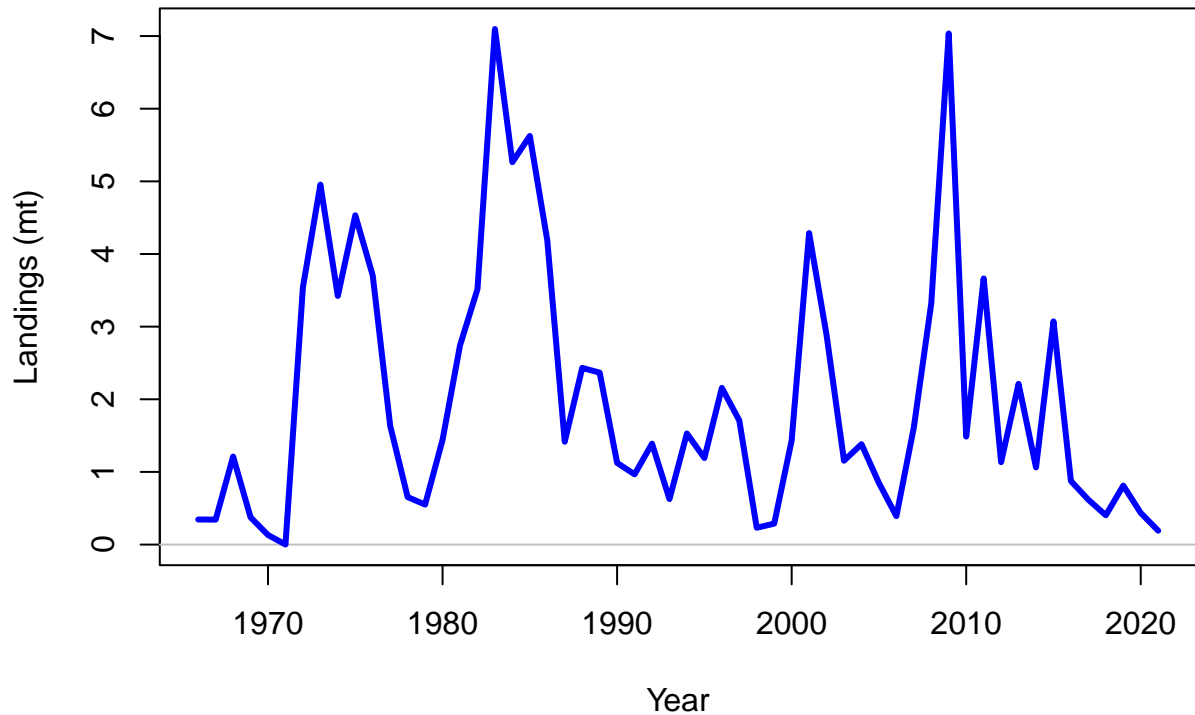
Summary Fishing Mortality

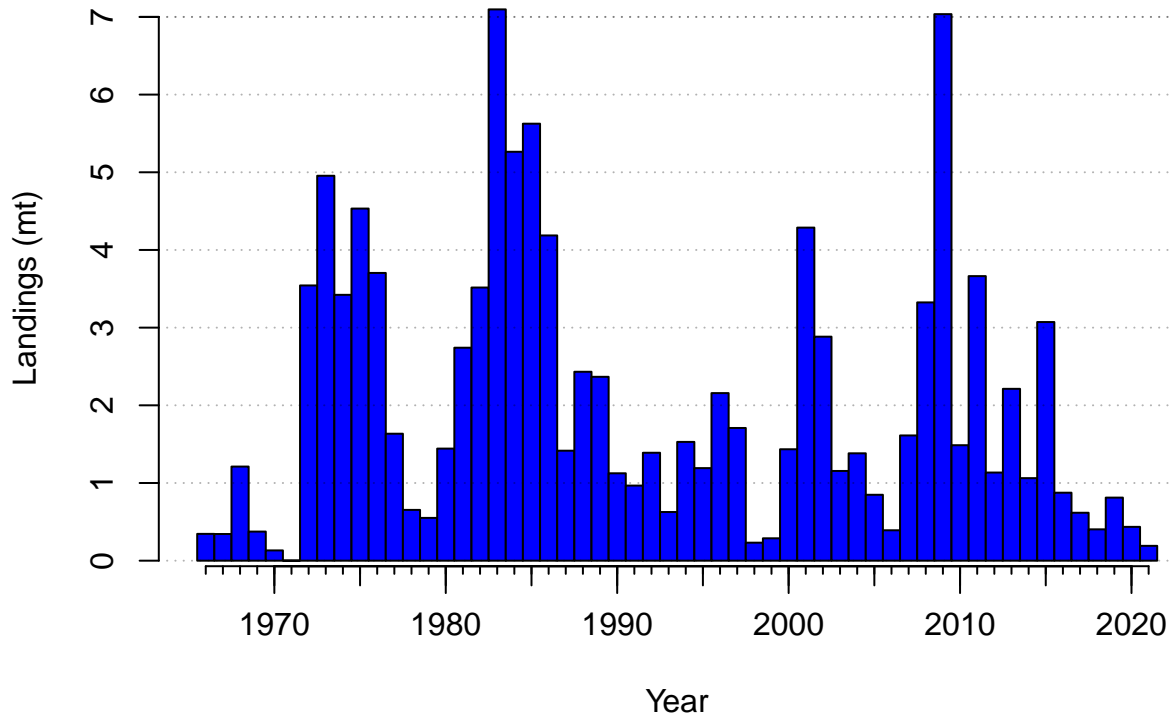


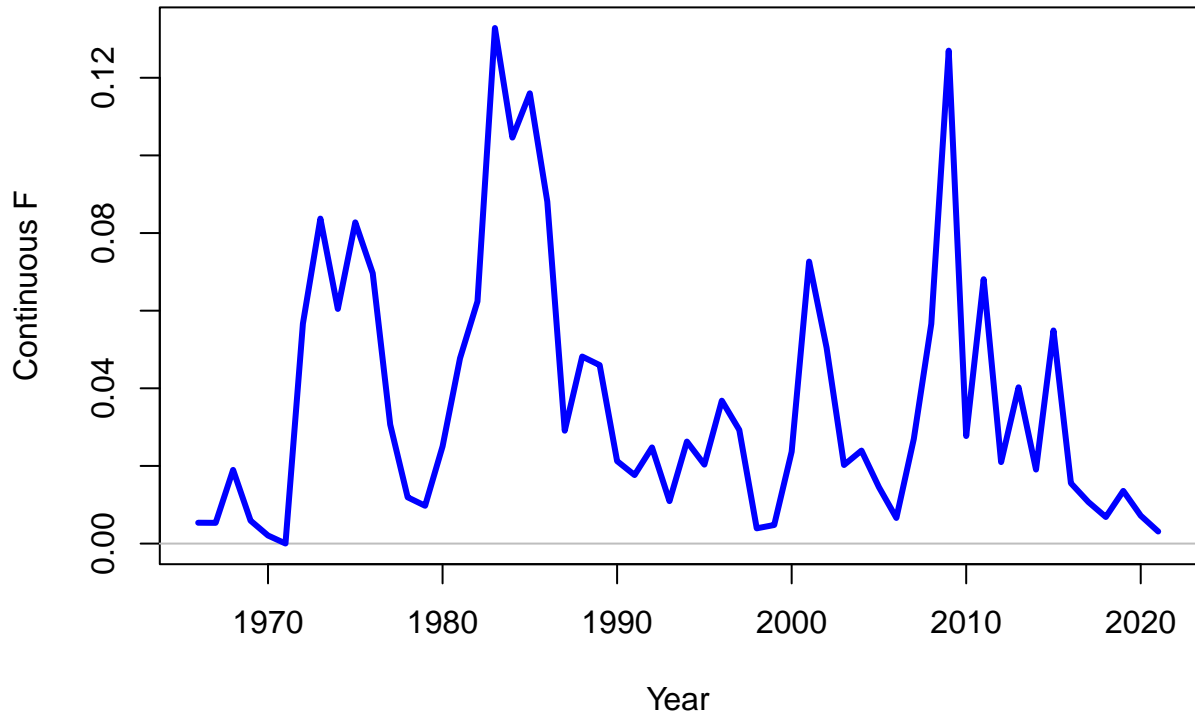




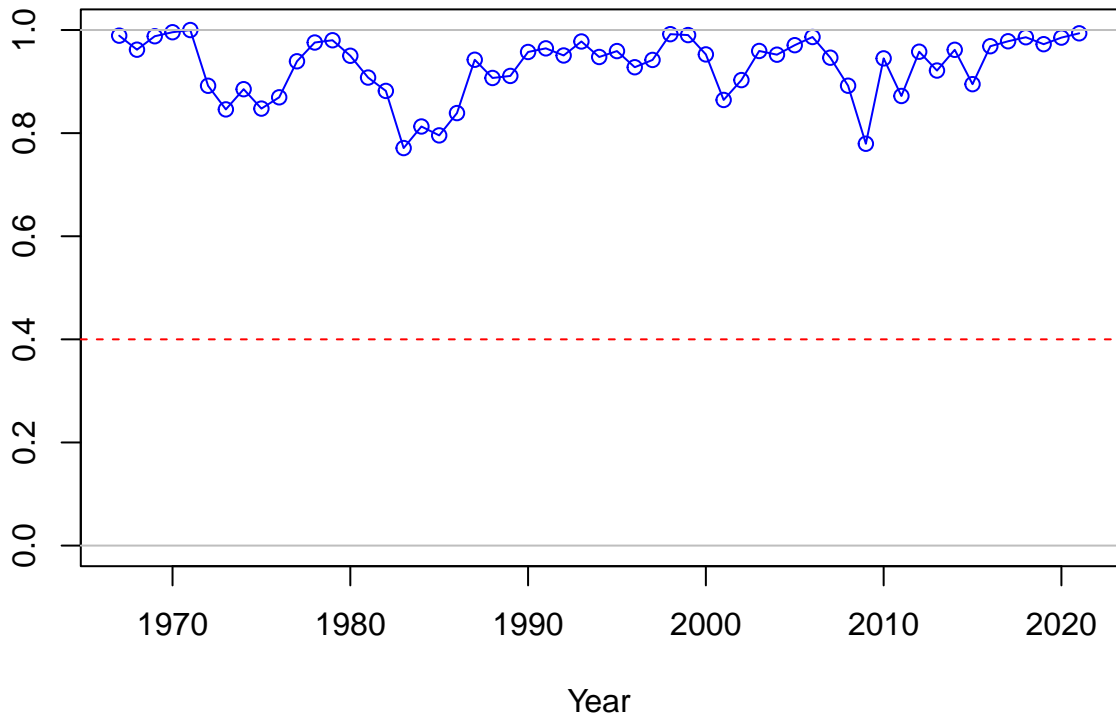






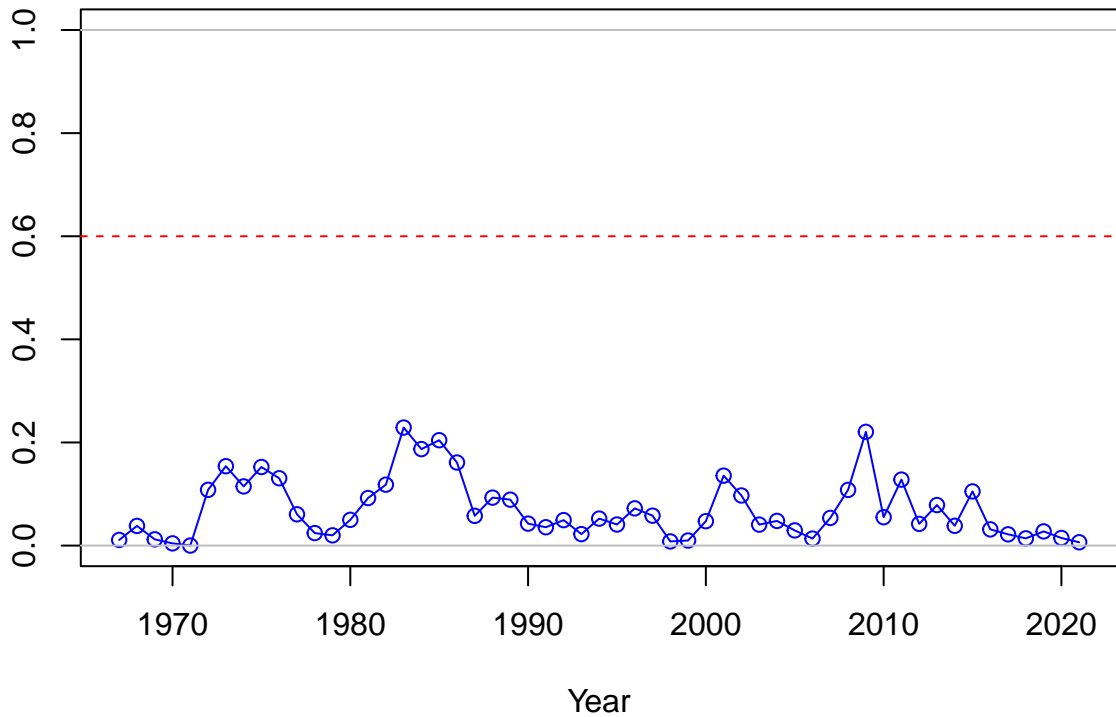


SPR

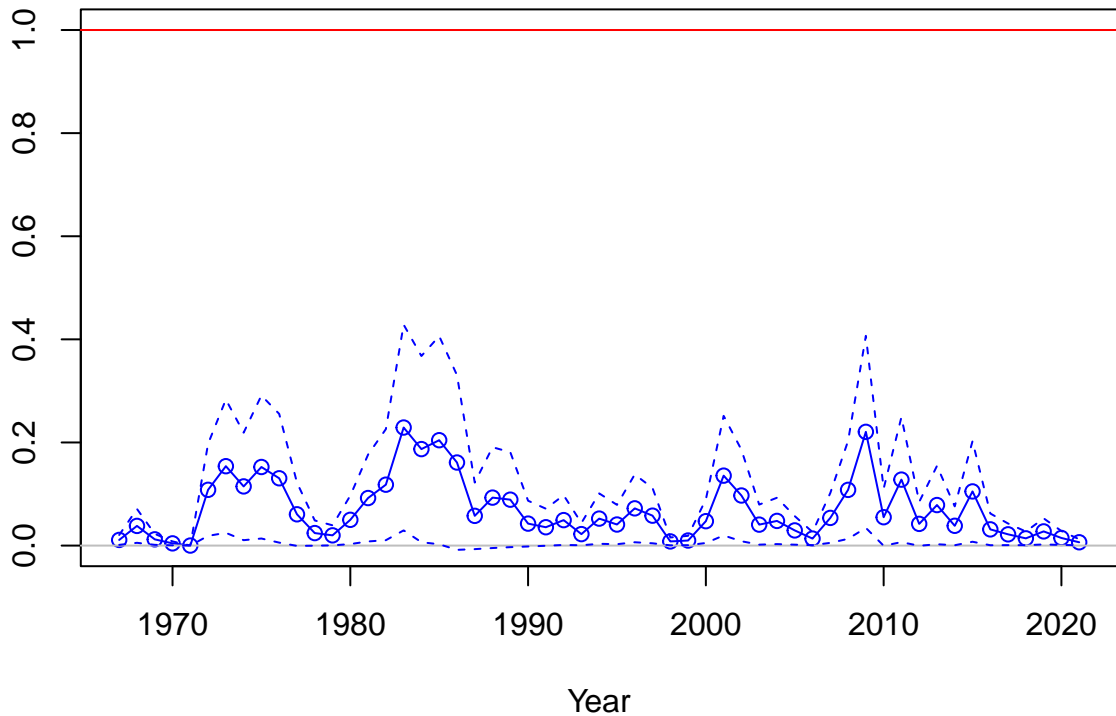


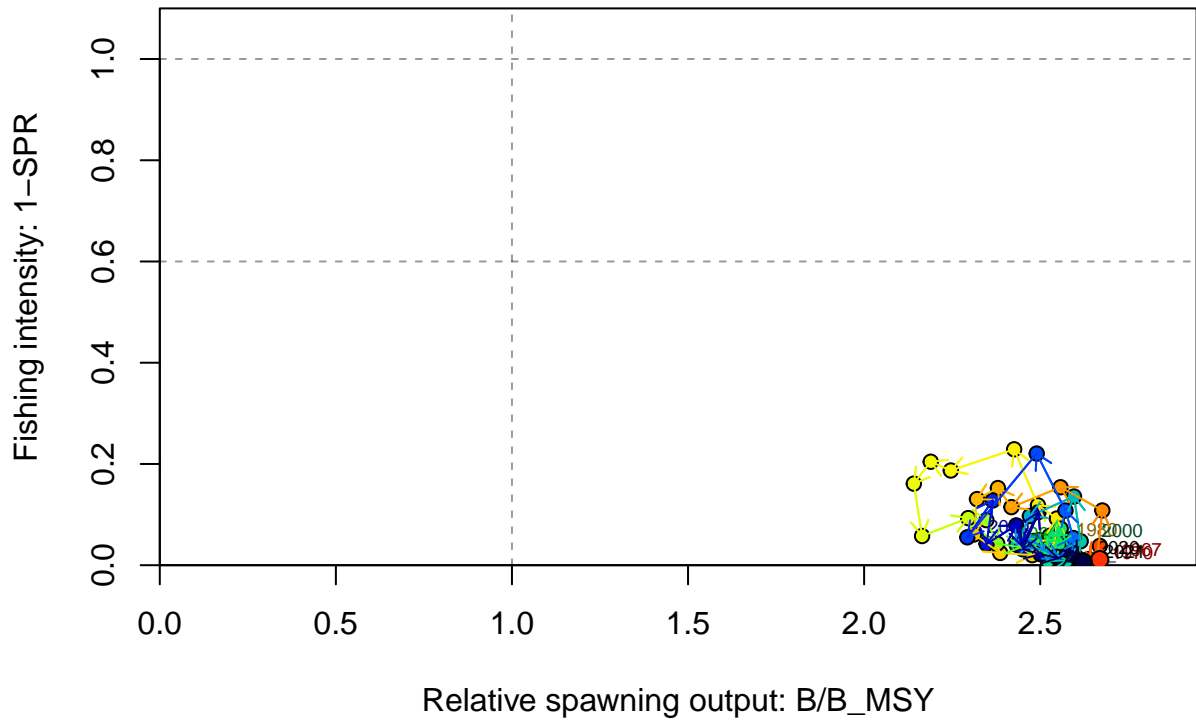


1-SPR

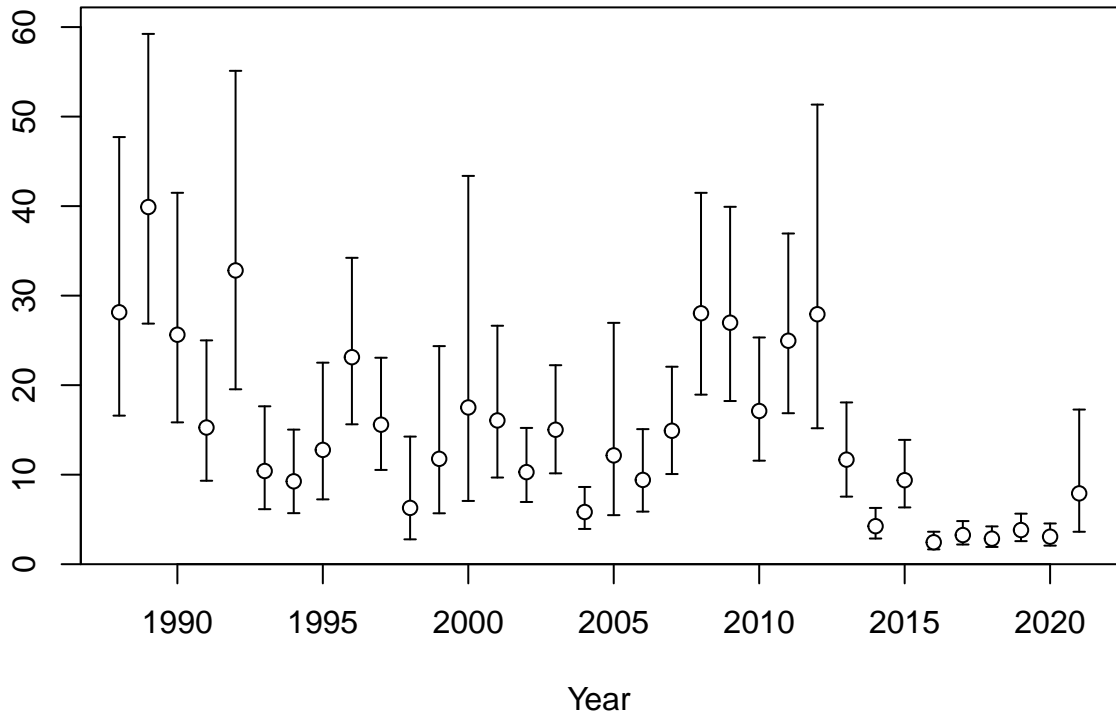


Fishing intensity: 1-SPR

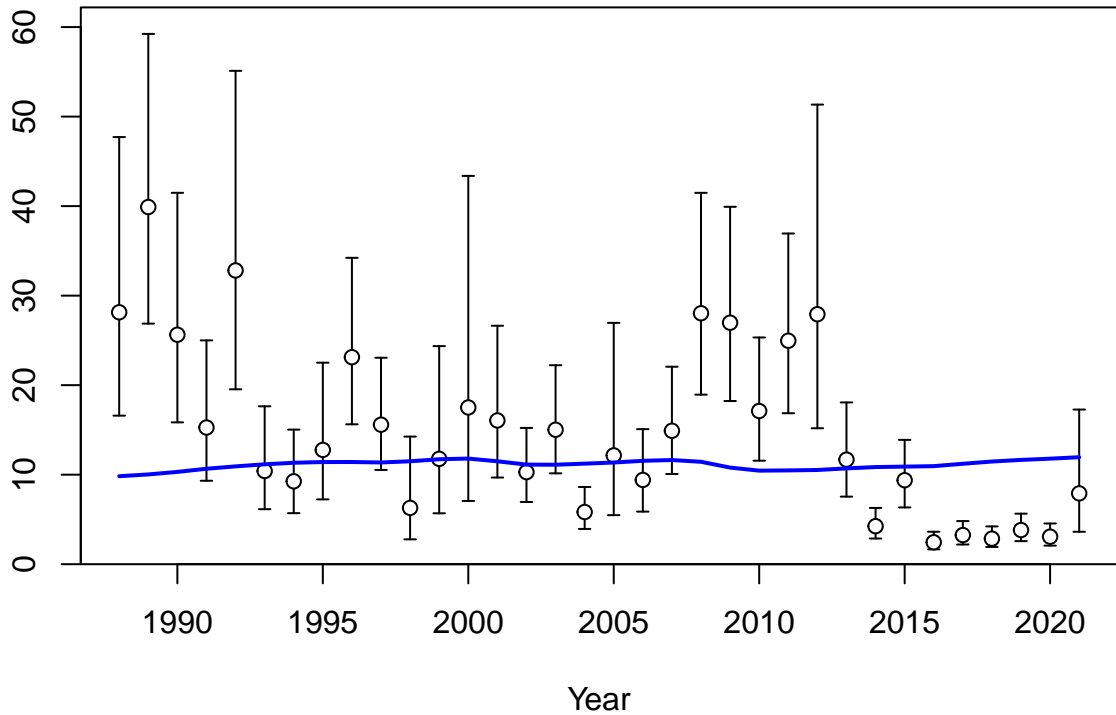


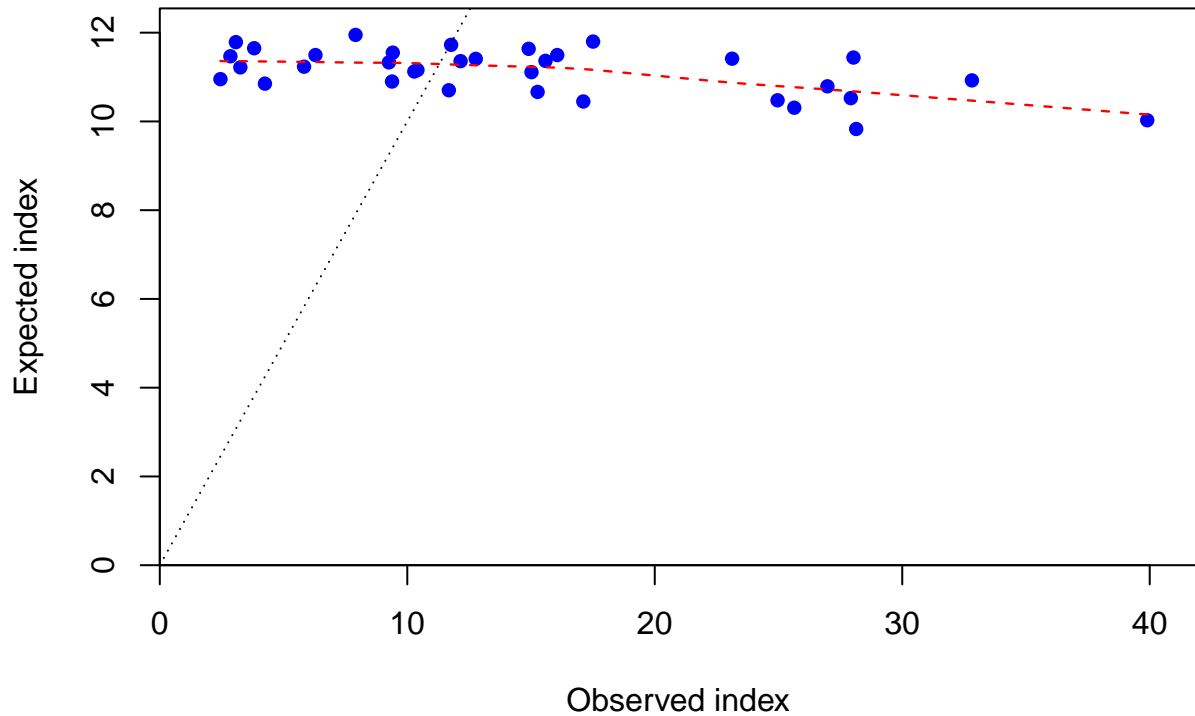


Index

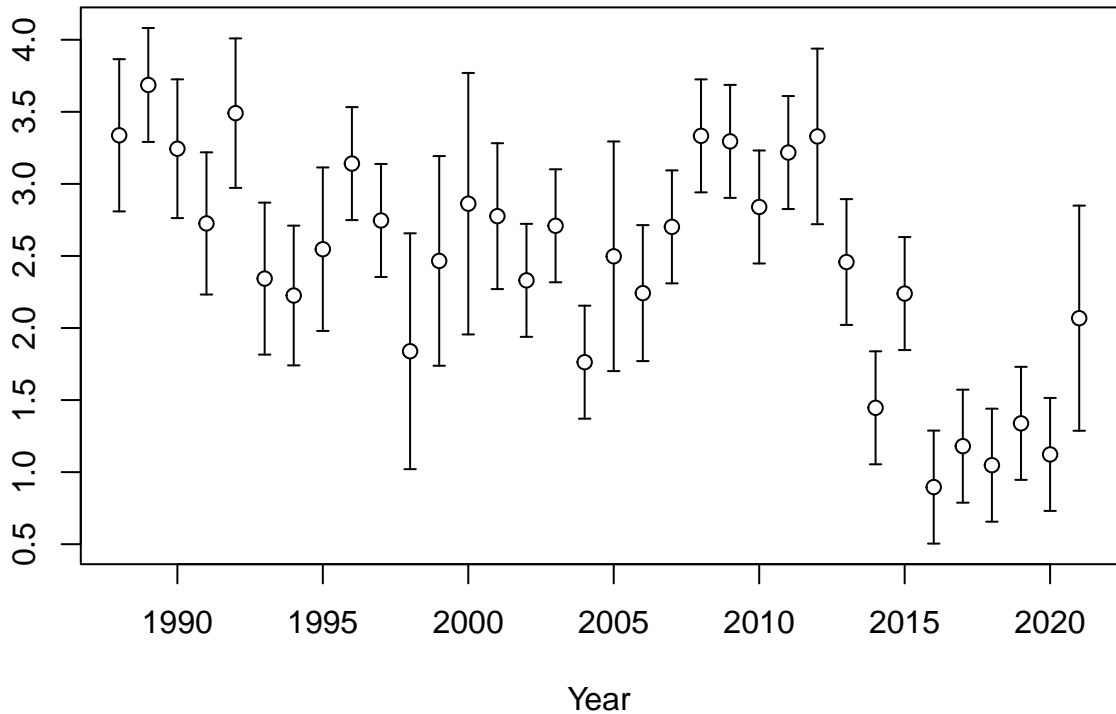


Index

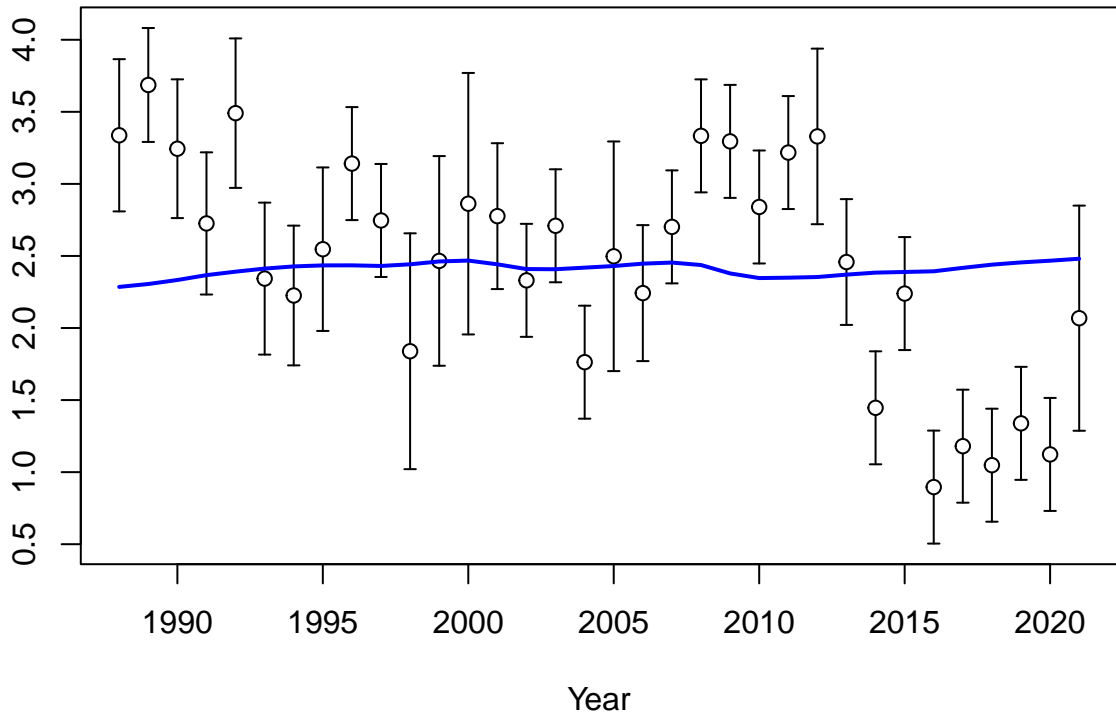




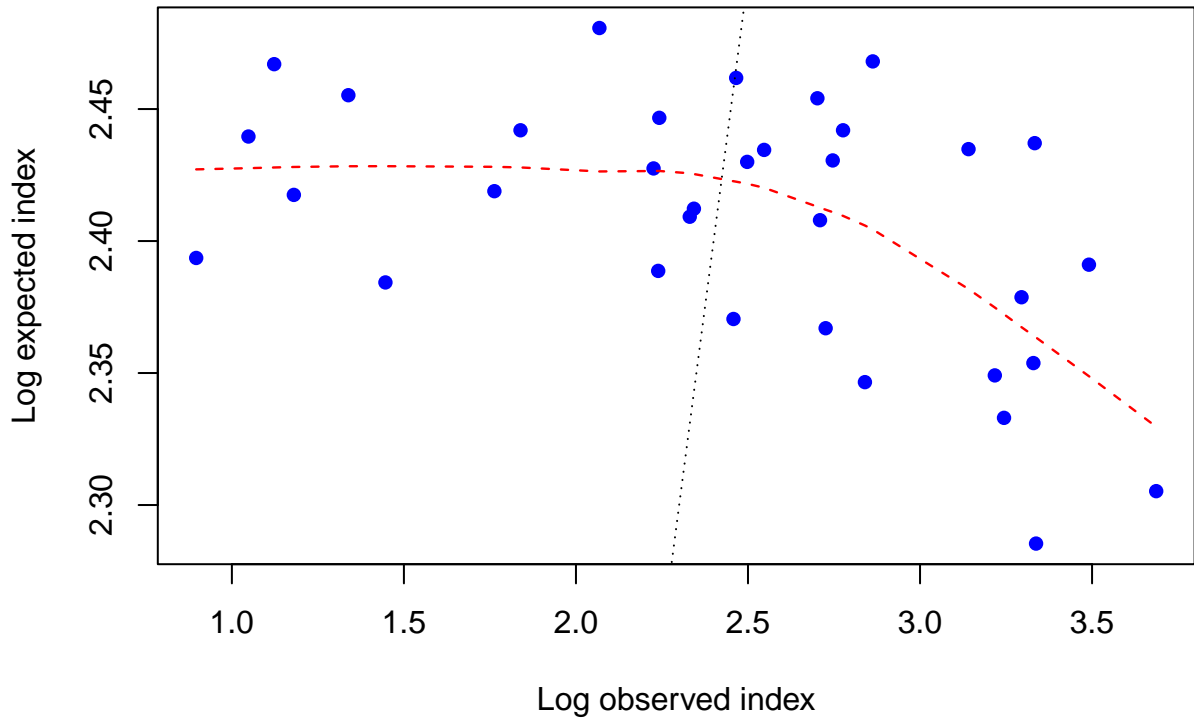
Log index

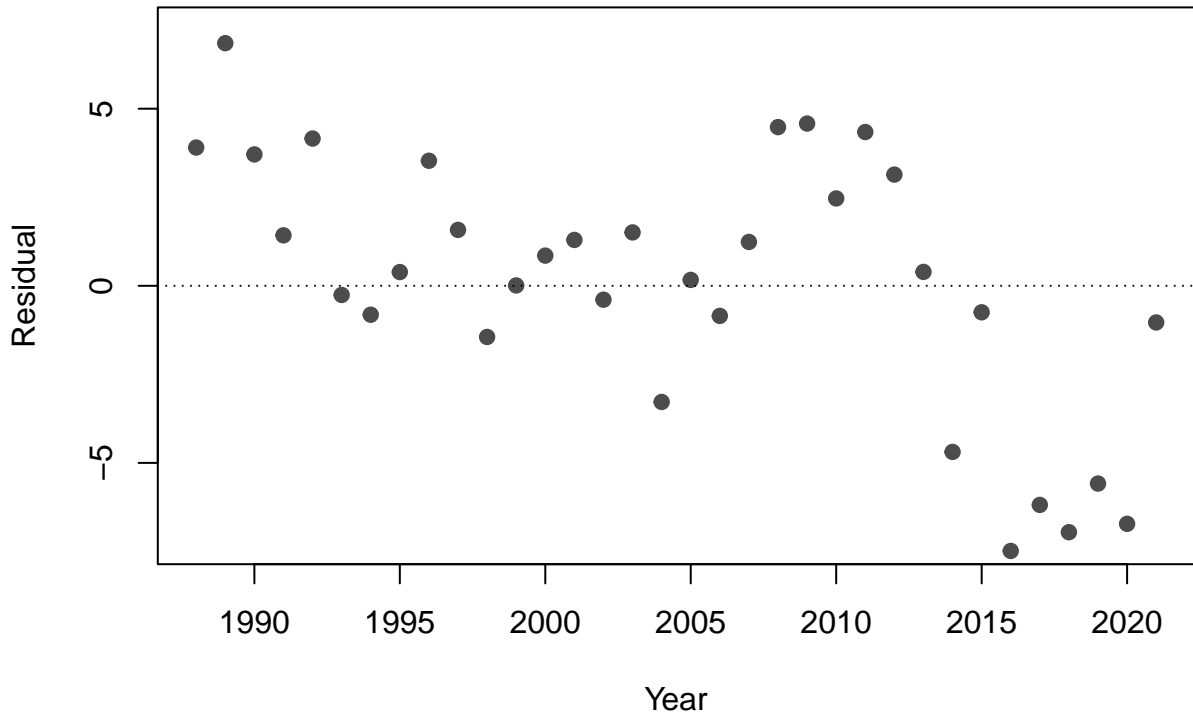


Log index

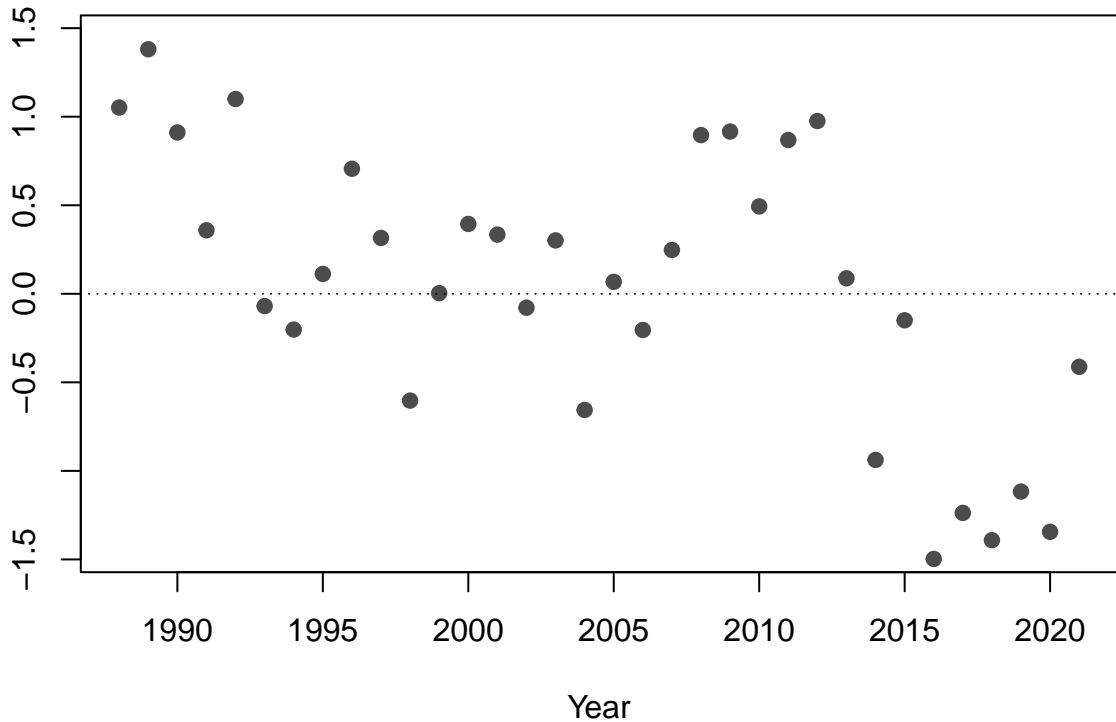


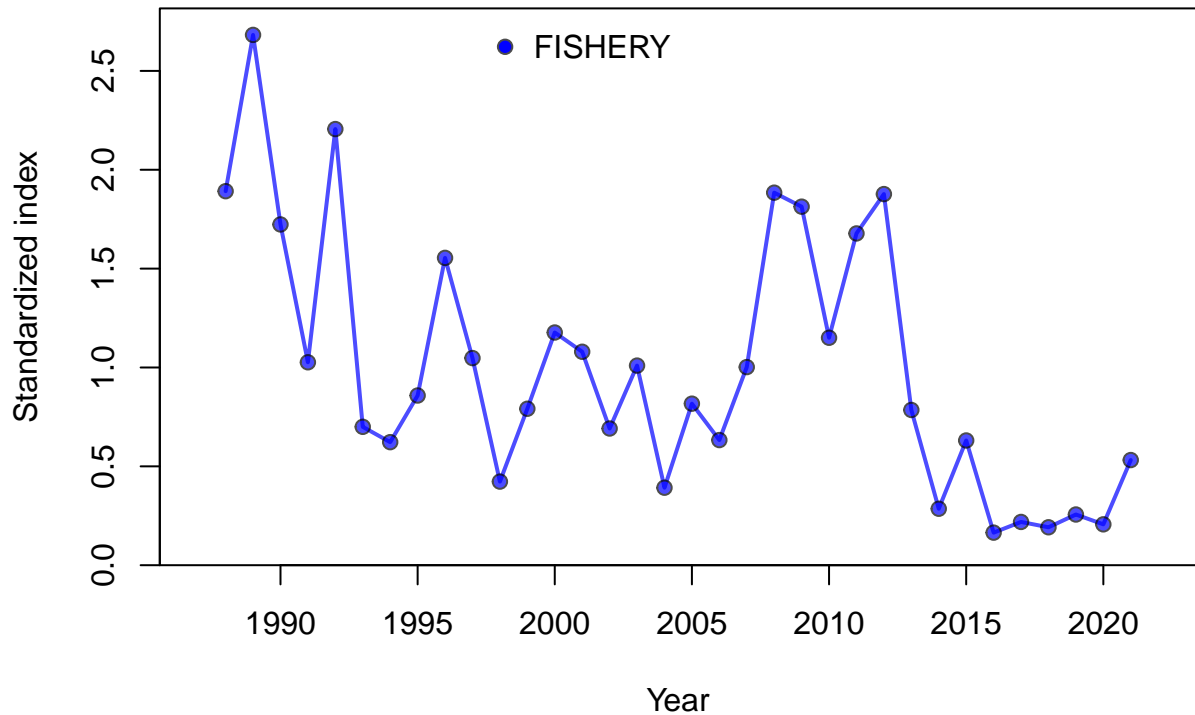




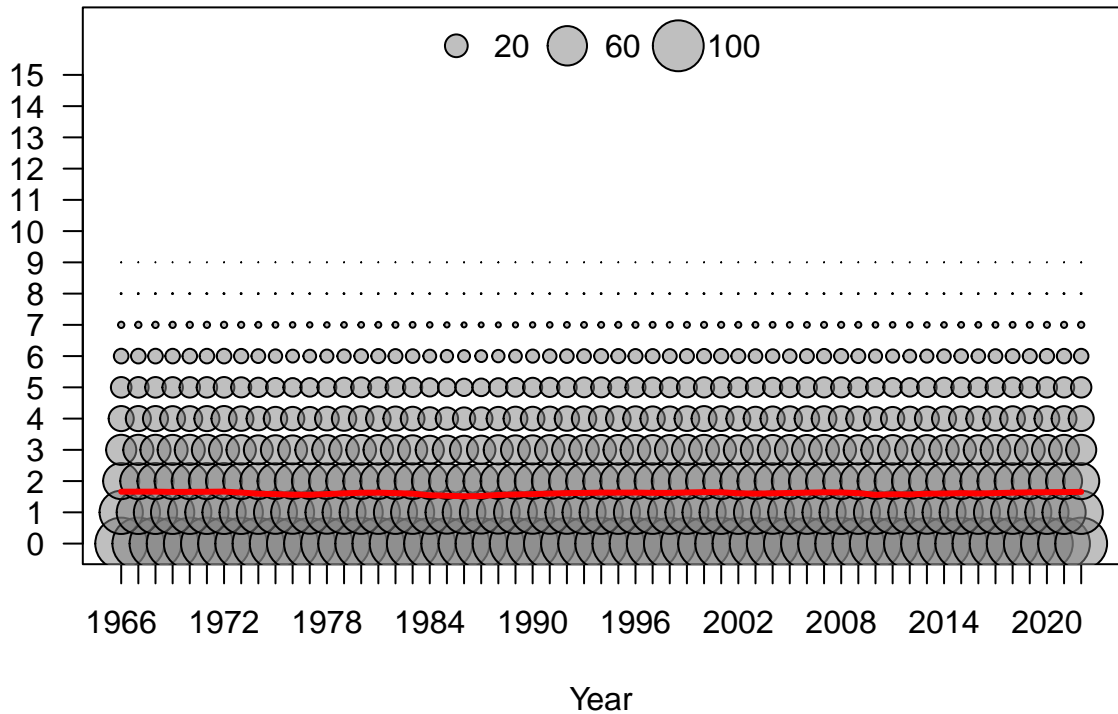


Deviation

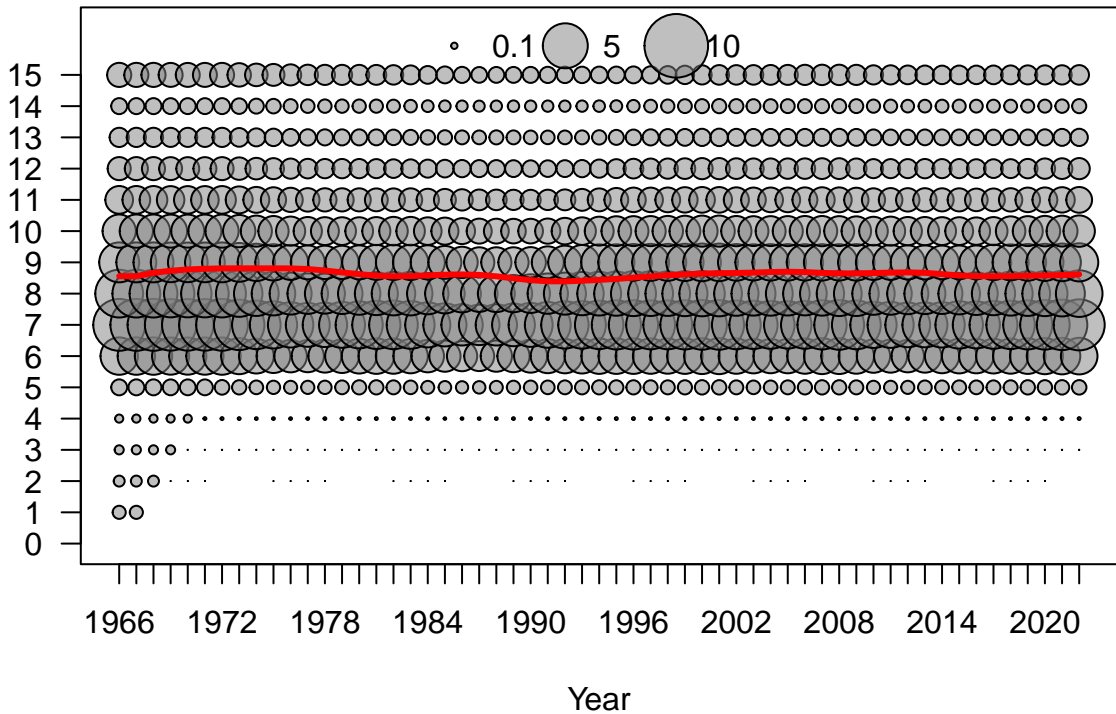


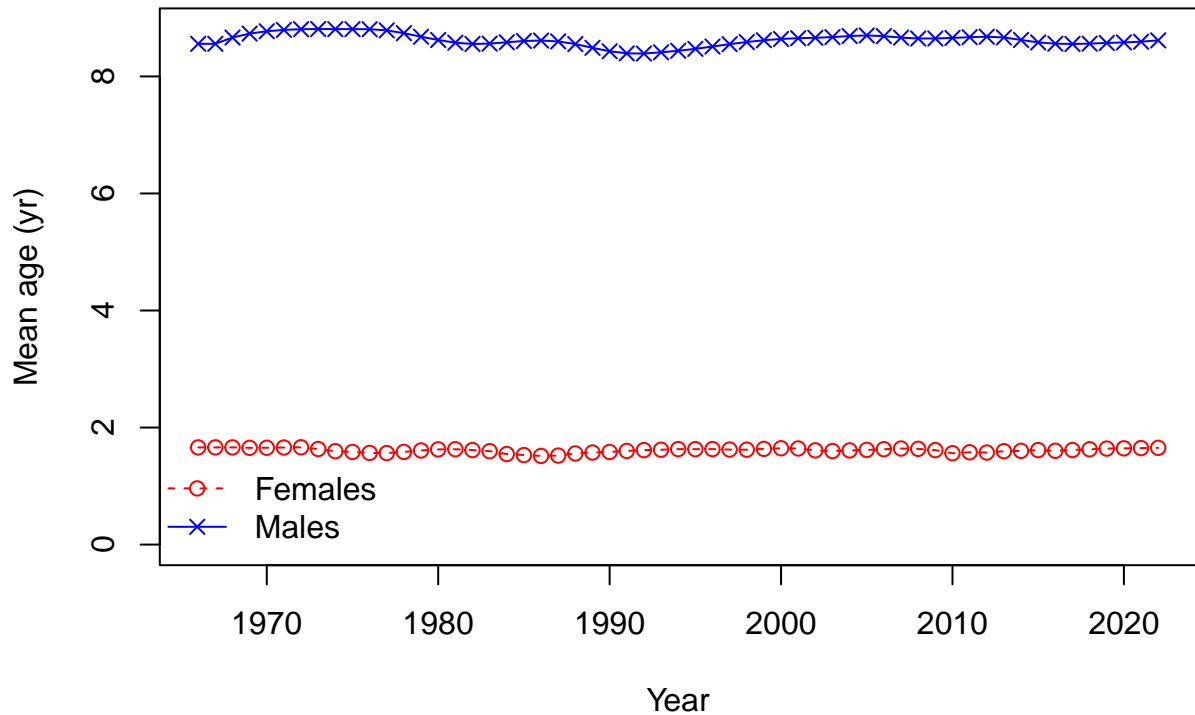


Age

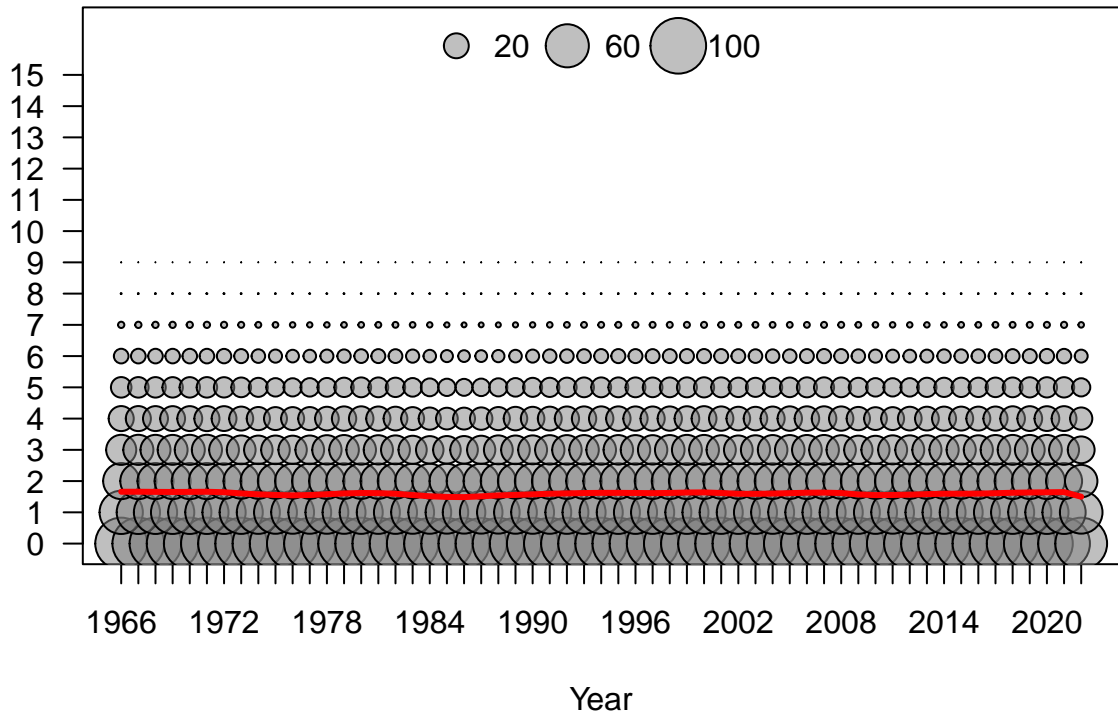


Age



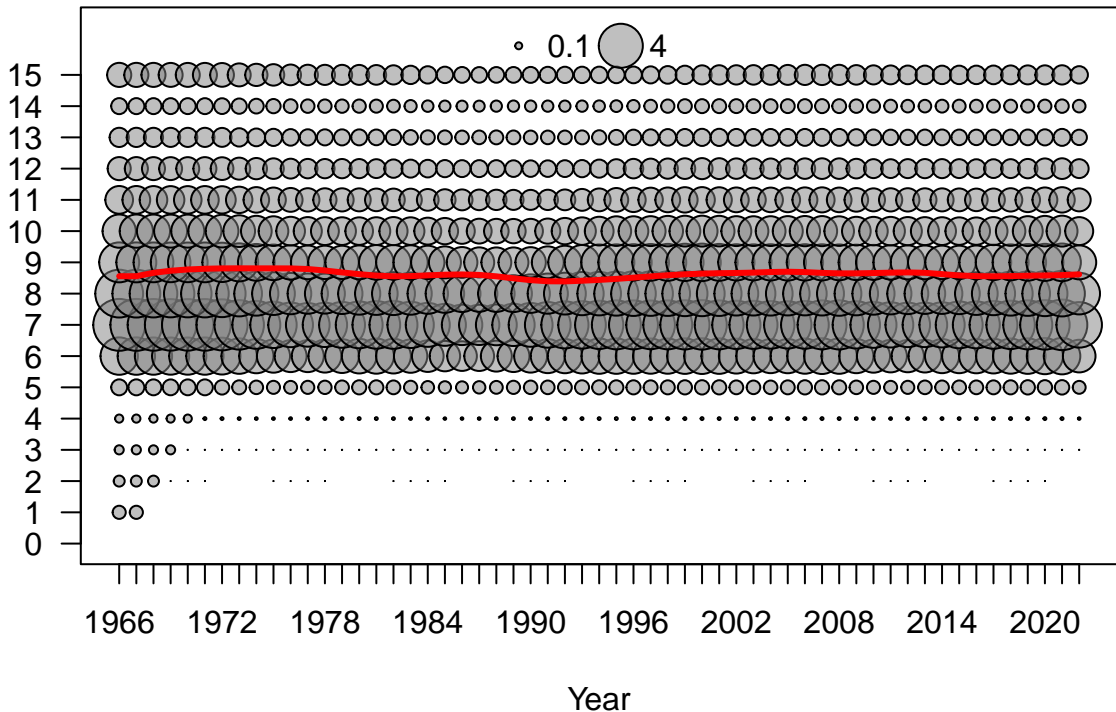


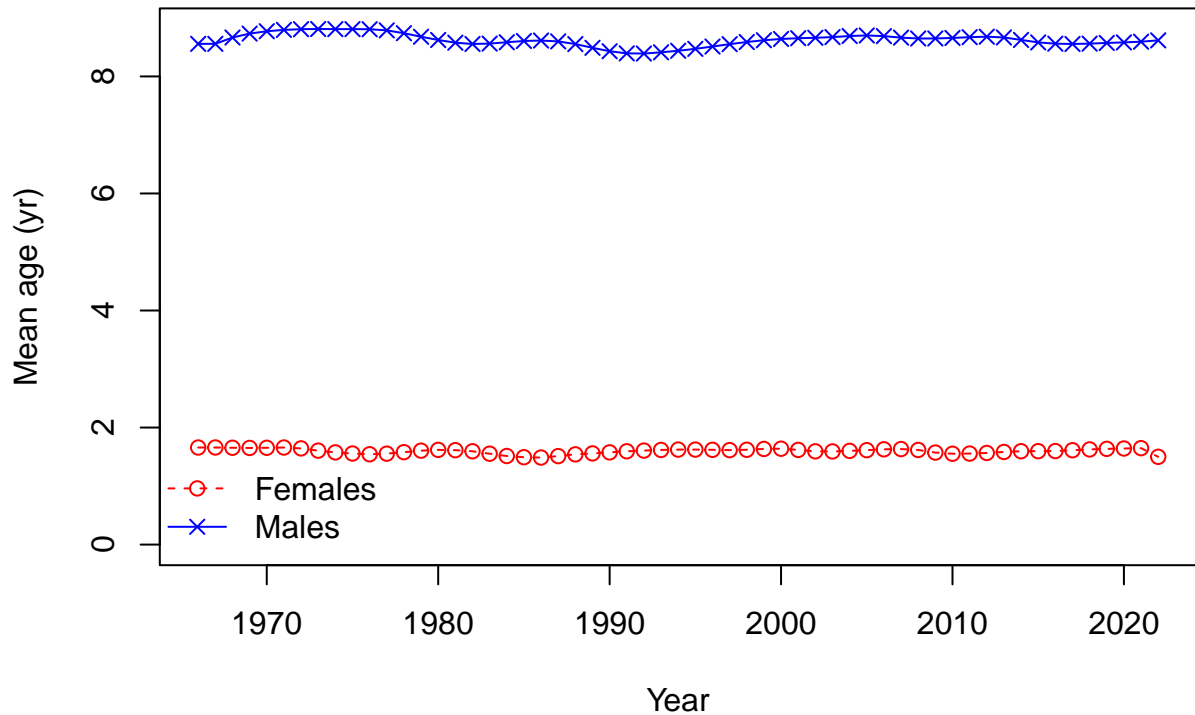
Age





Age





Age

14  
12  
10  
8  
6  
4  
2  
0

1970

1980

1990

2000

2010

2020

Year

1

0.5

0.4

0.7

0.6

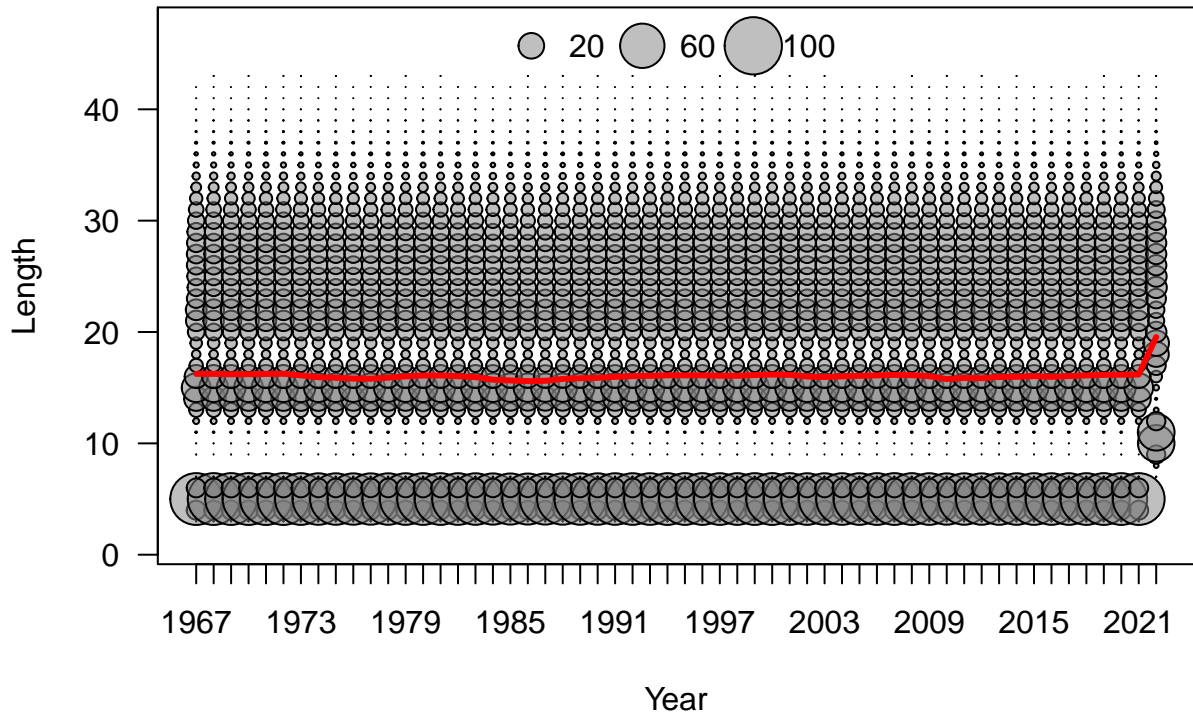
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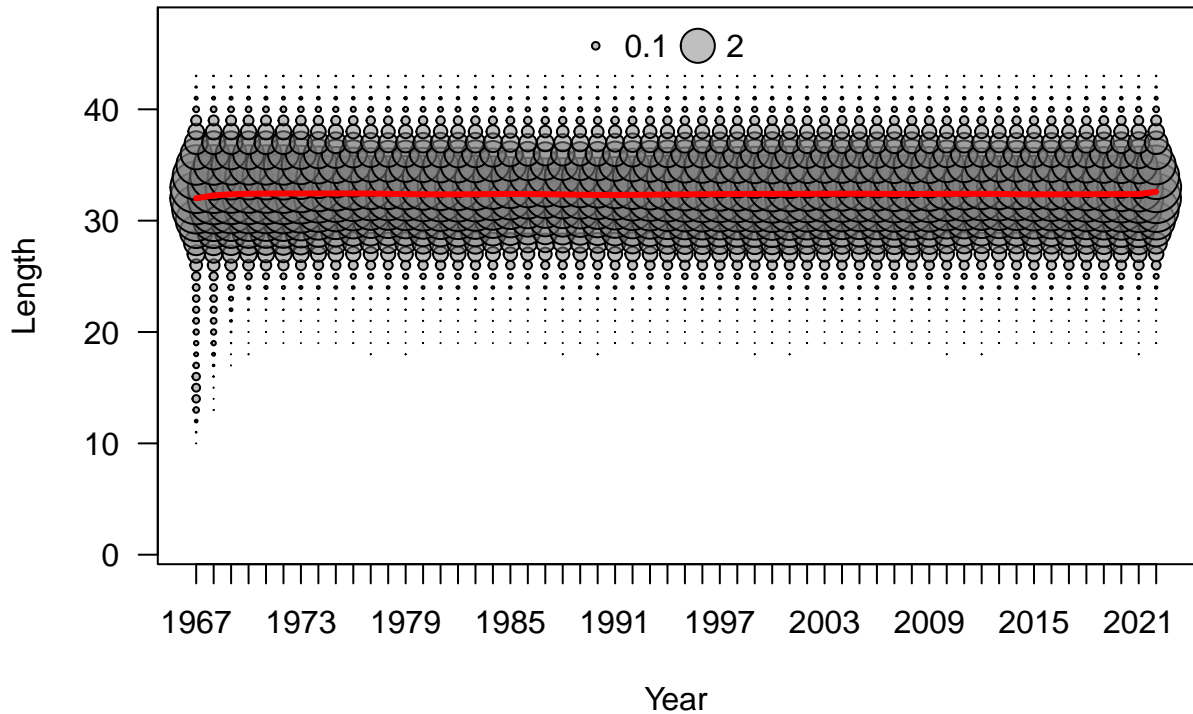
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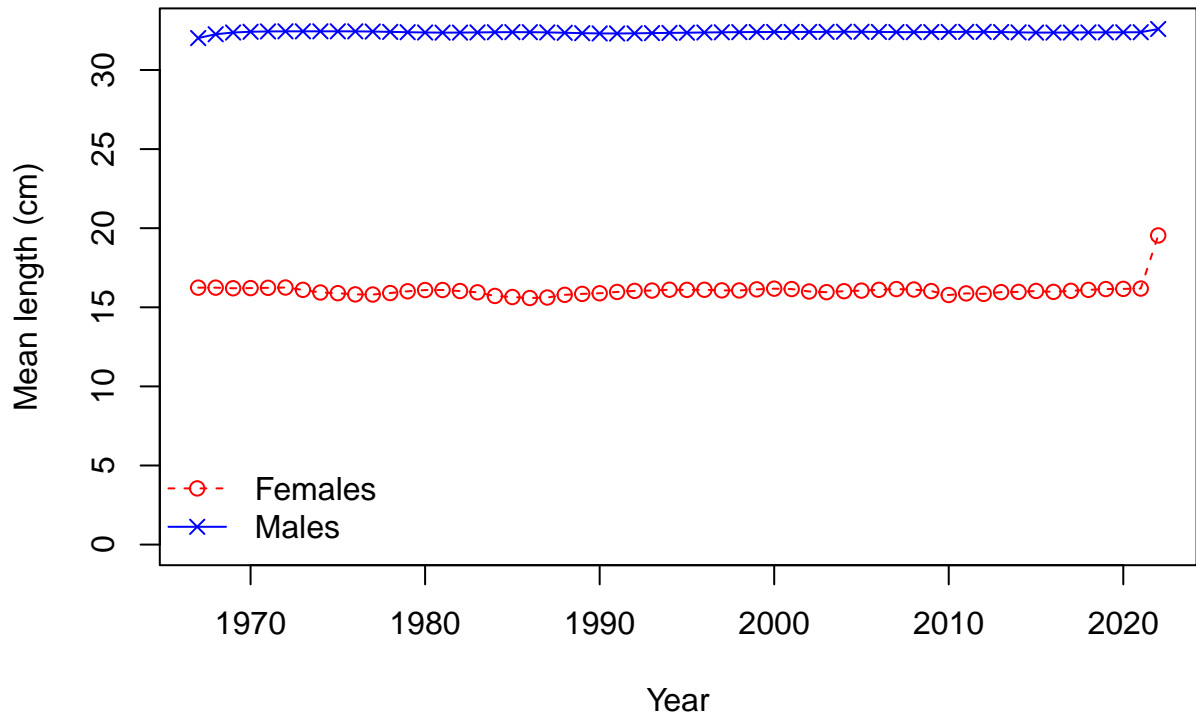
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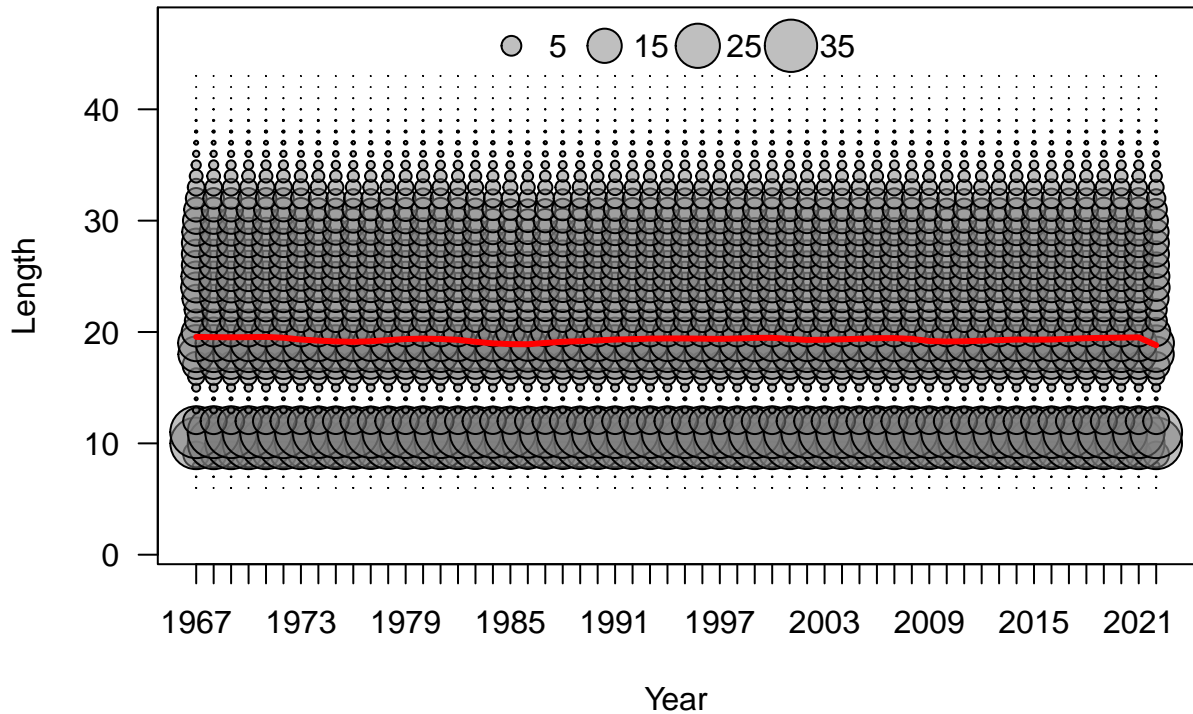
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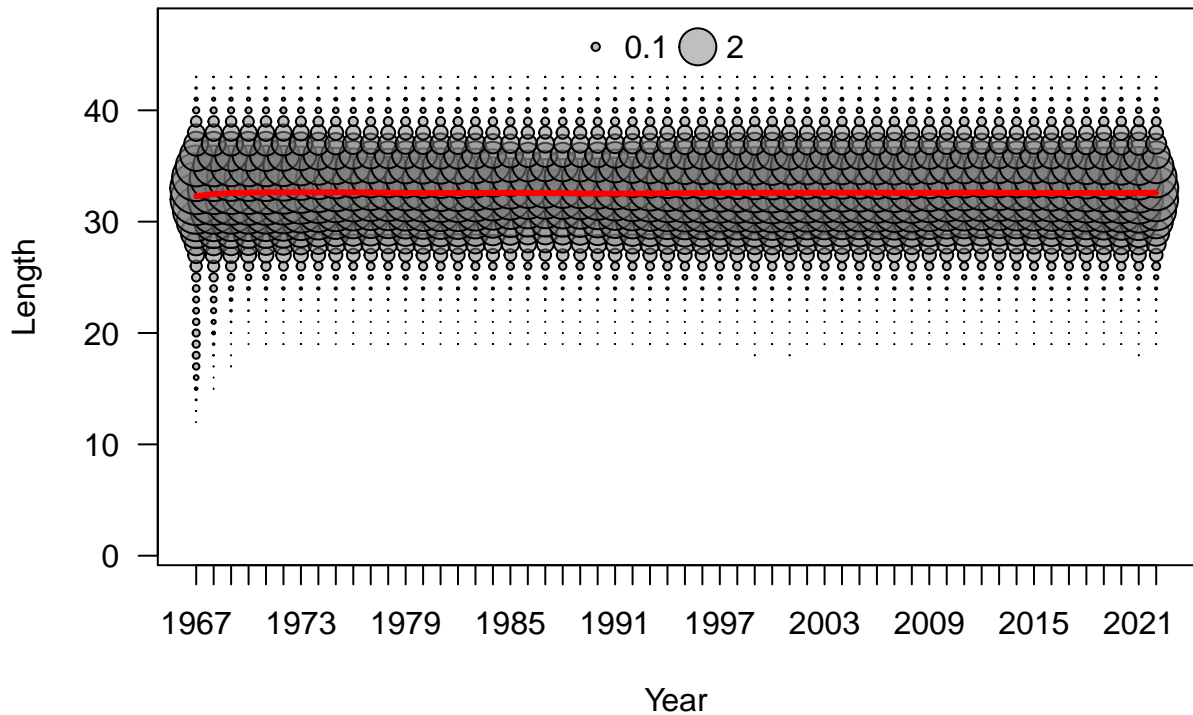
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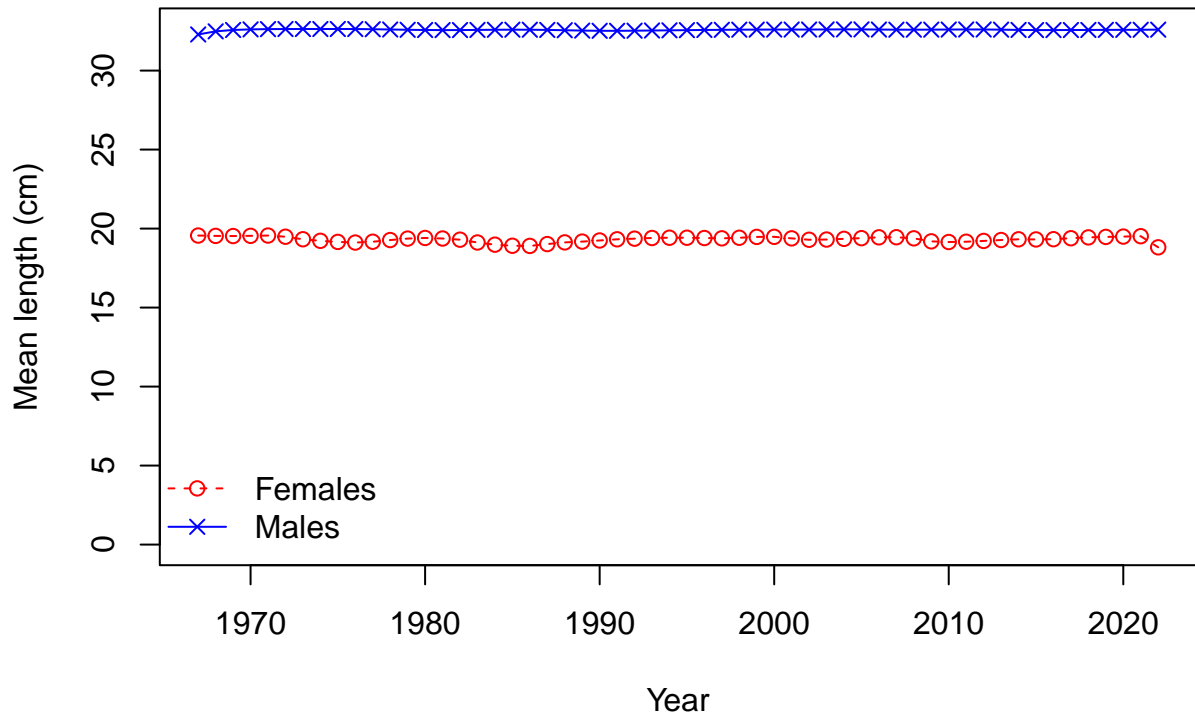




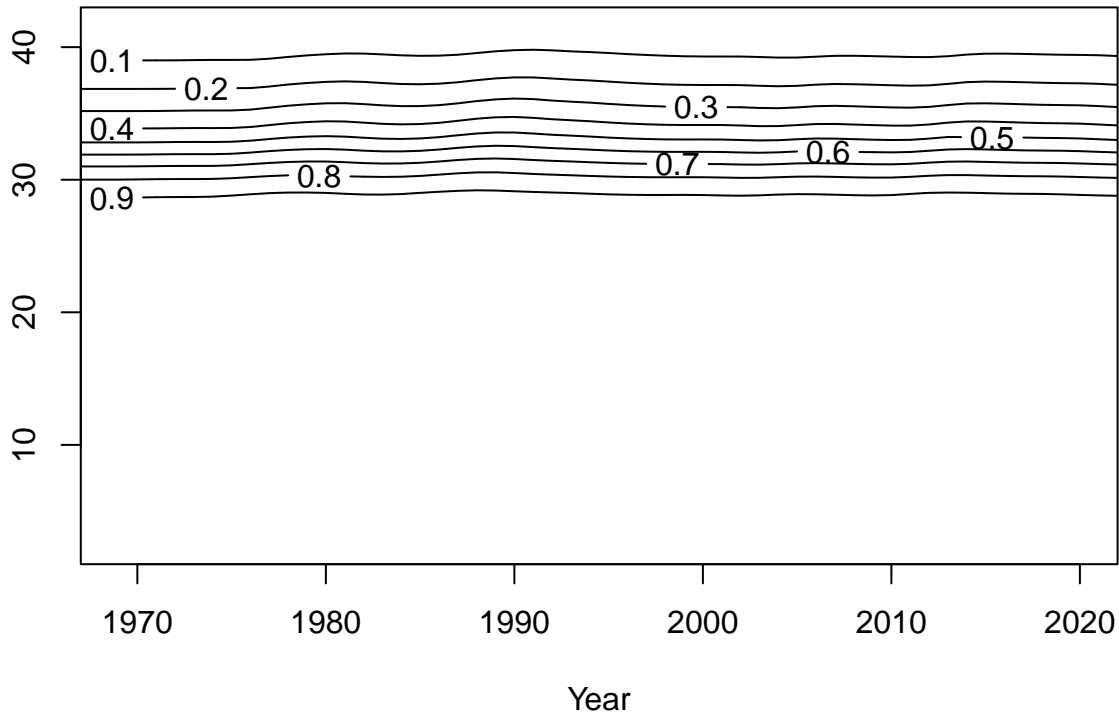


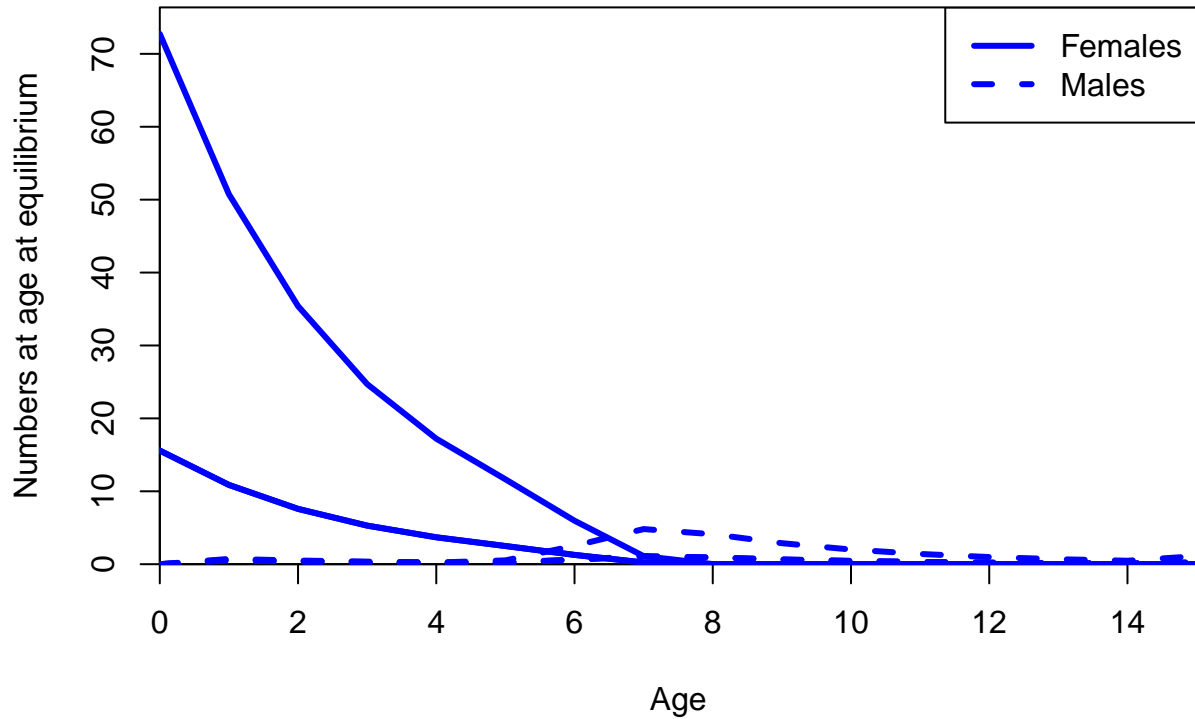


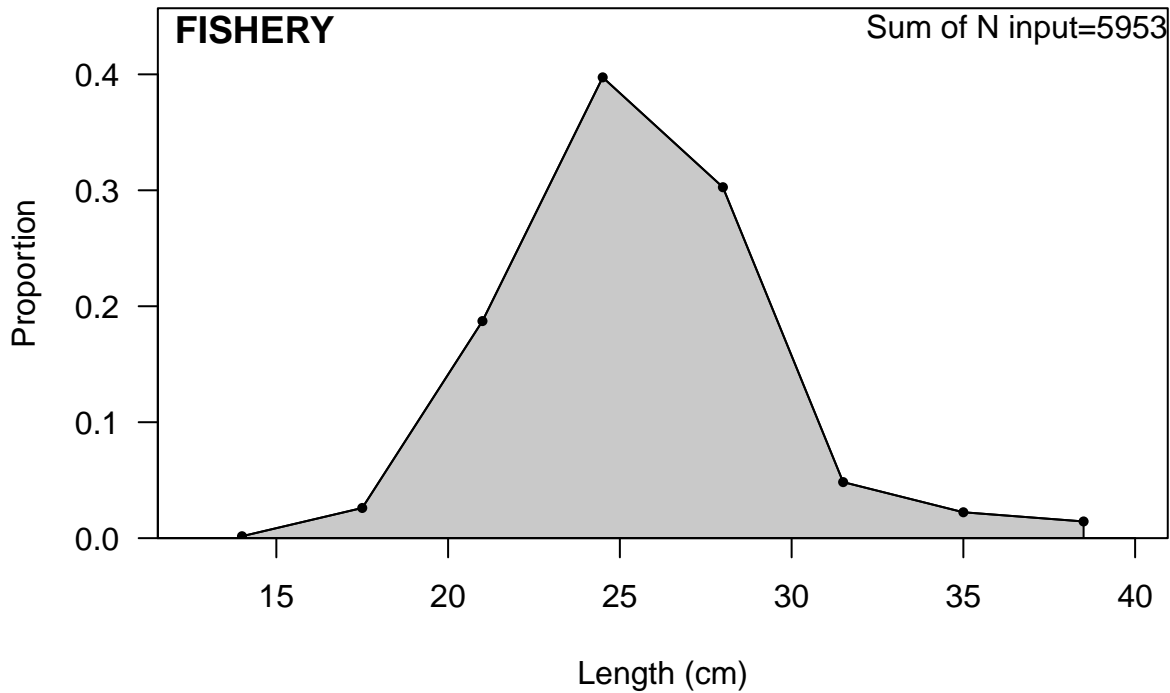




Length

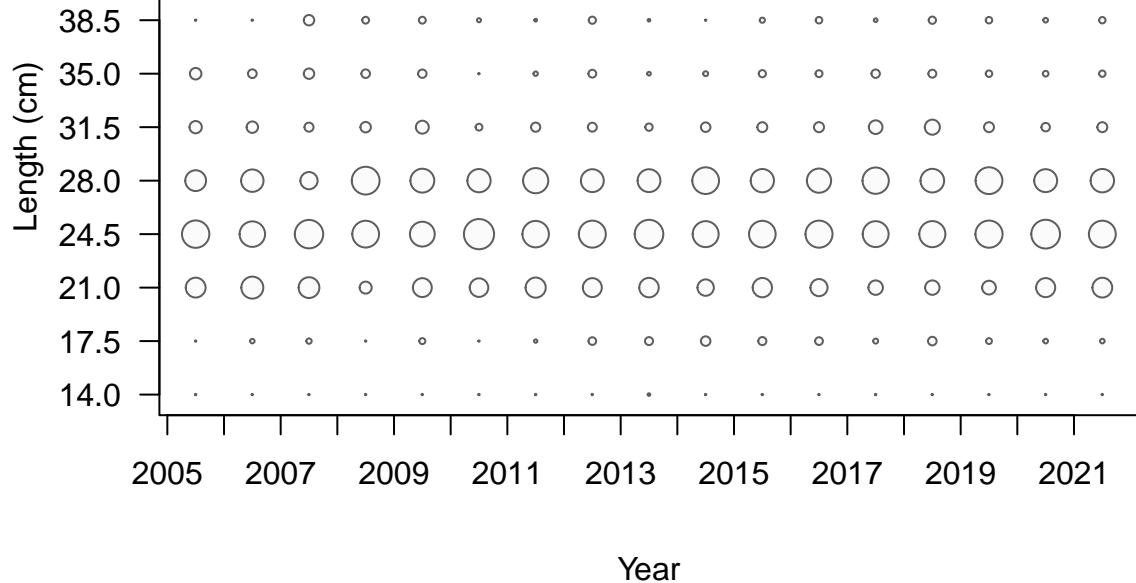




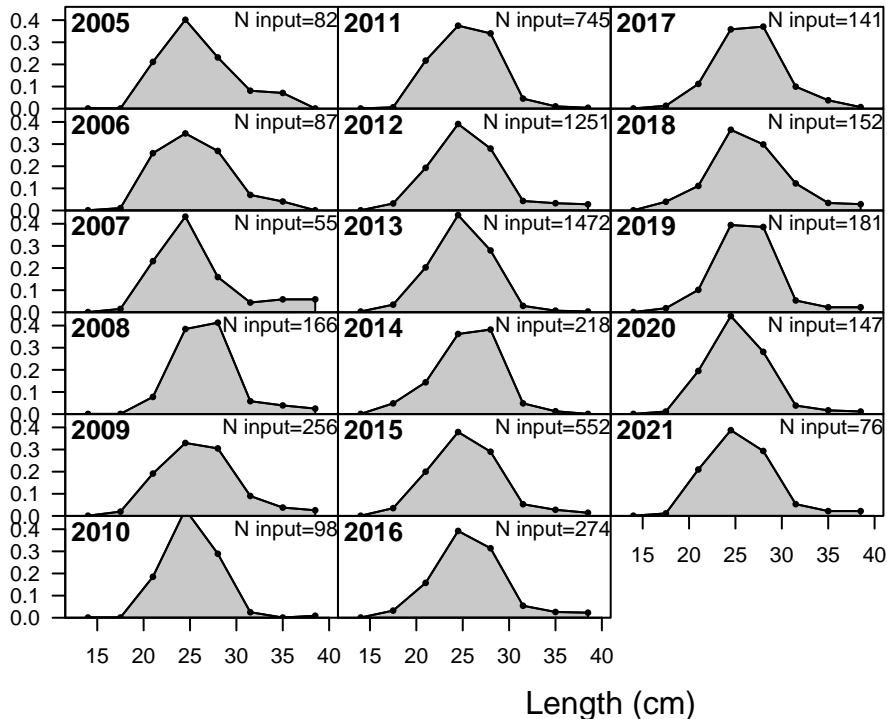


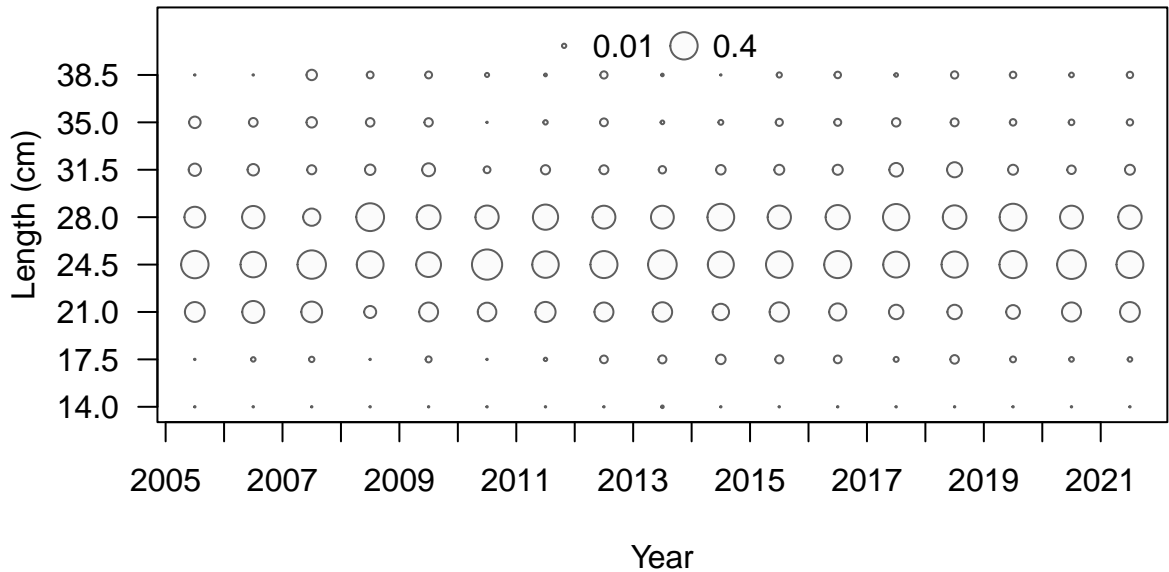
# FISHERY

◦ 0.01 ○ 0.4

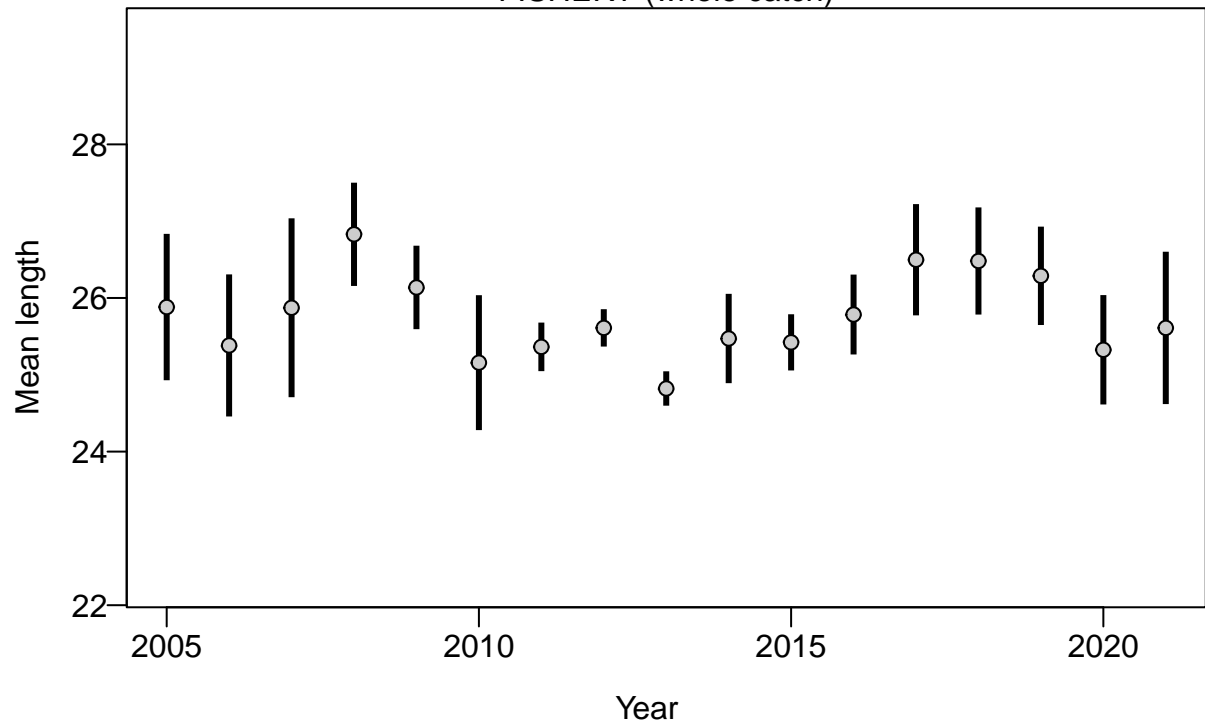


Proportion

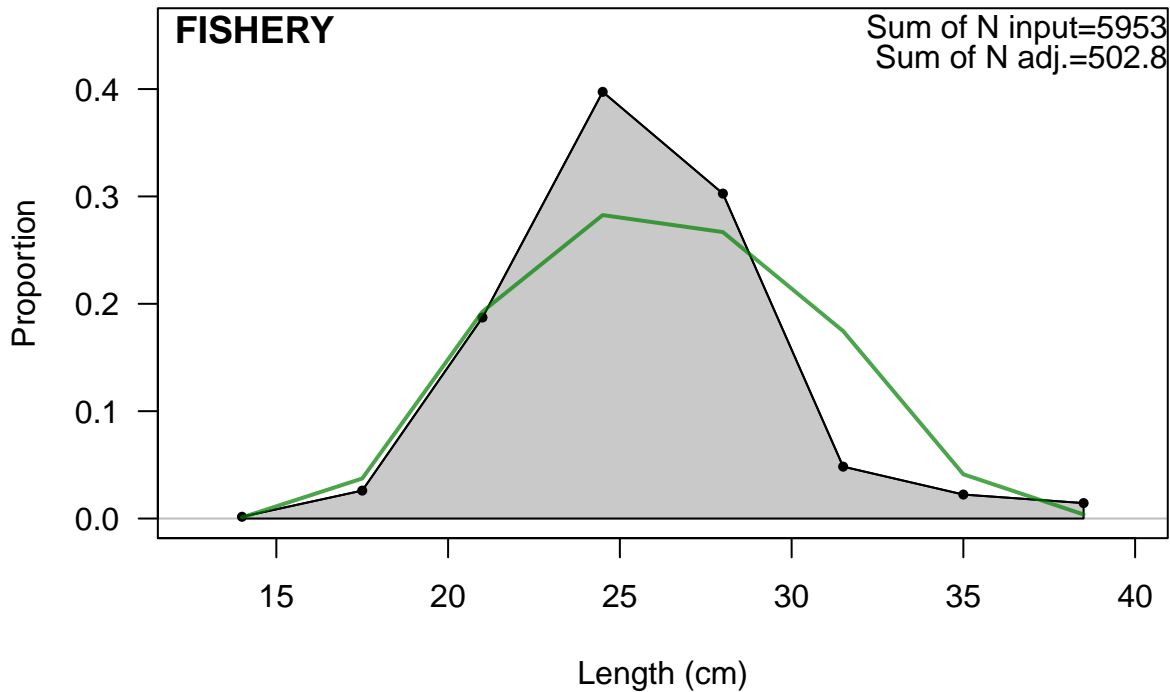


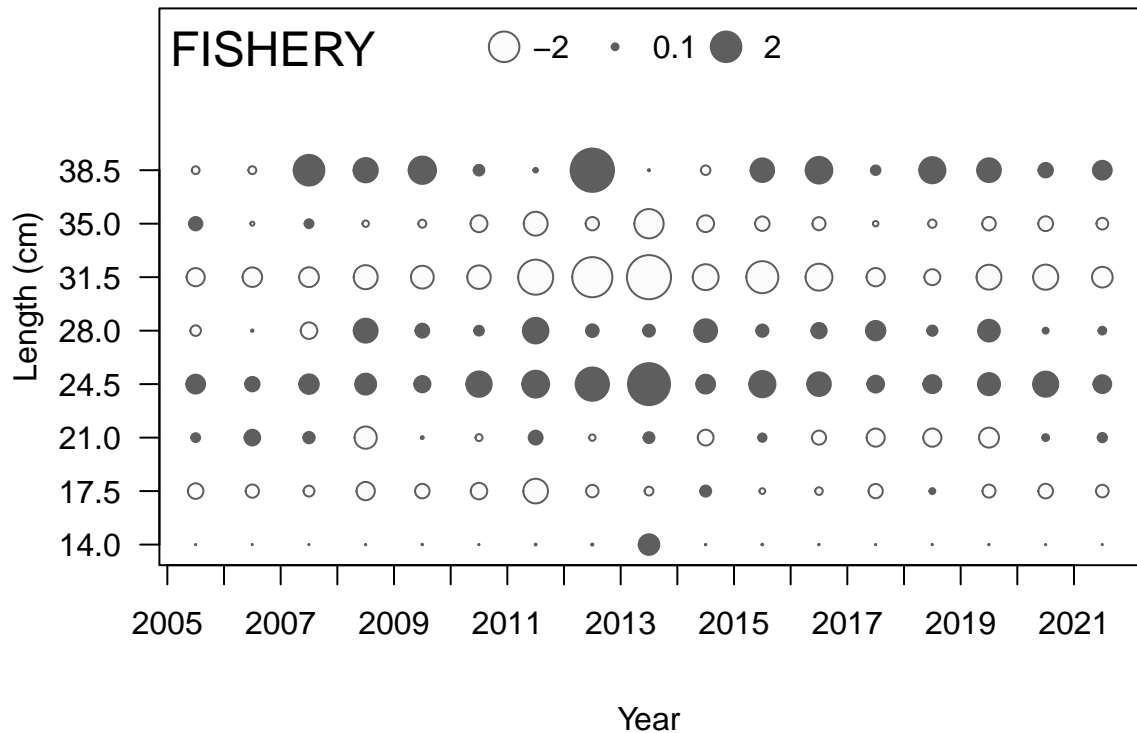


FISHERY (whole catch)

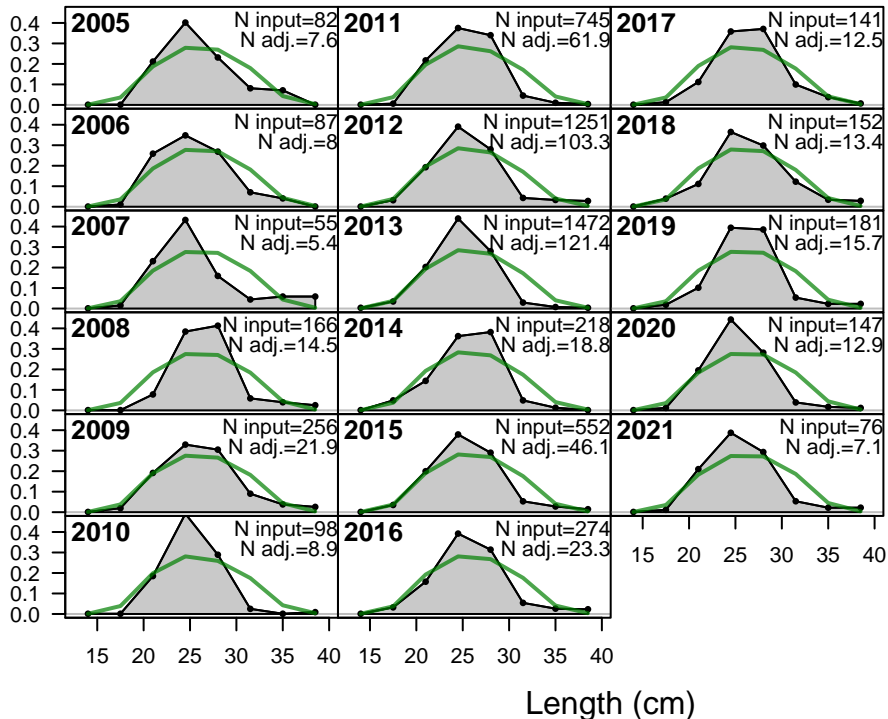


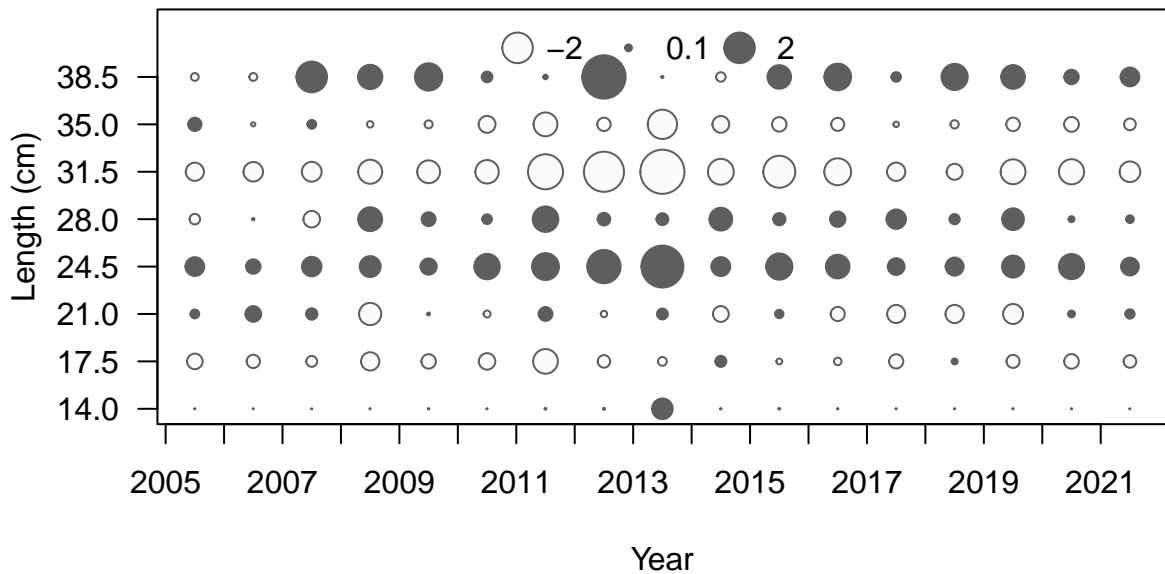




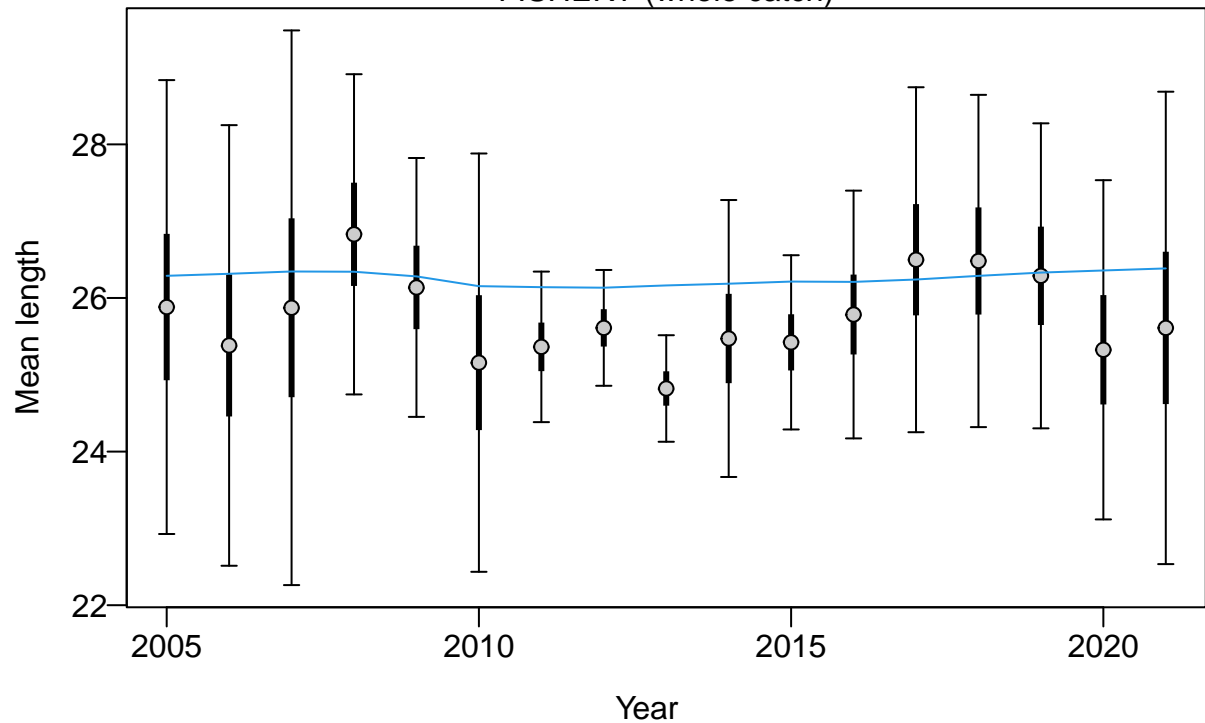


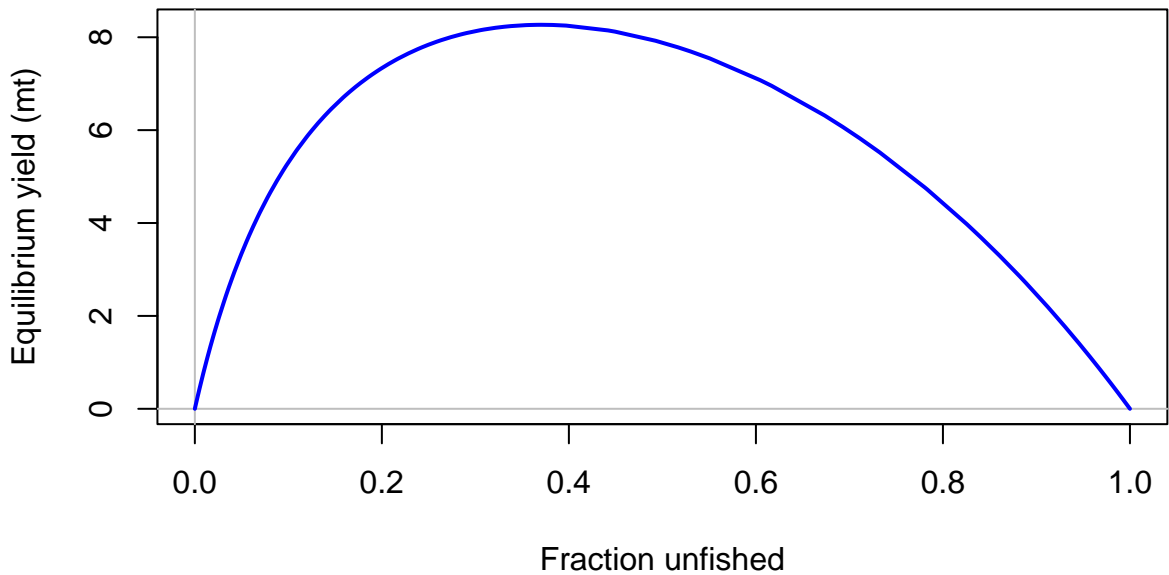
Proportion

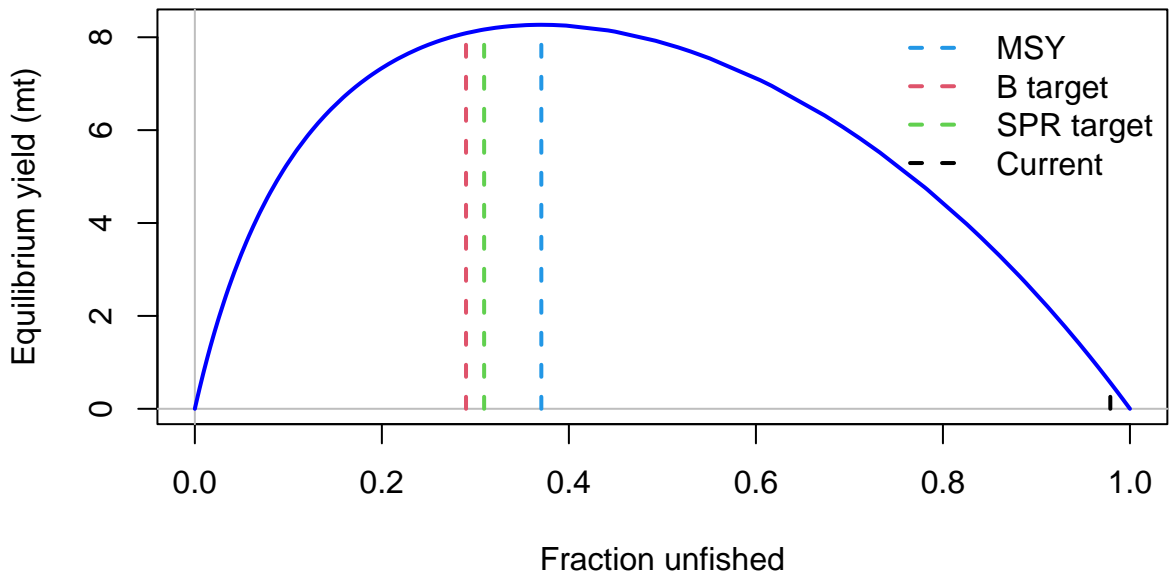


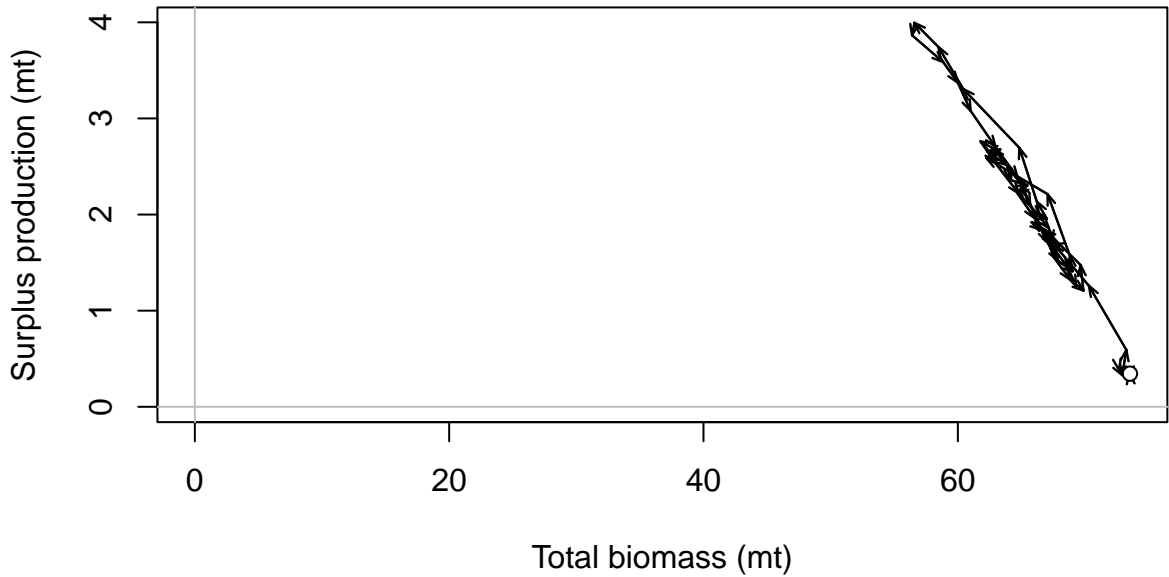


FISHERY (whole catch)

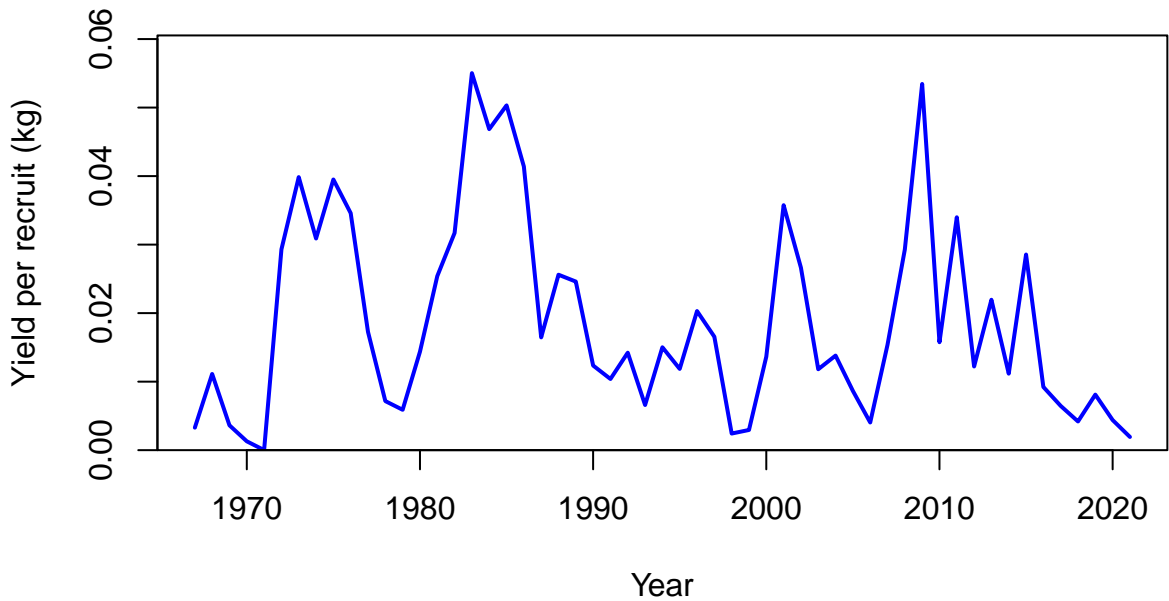


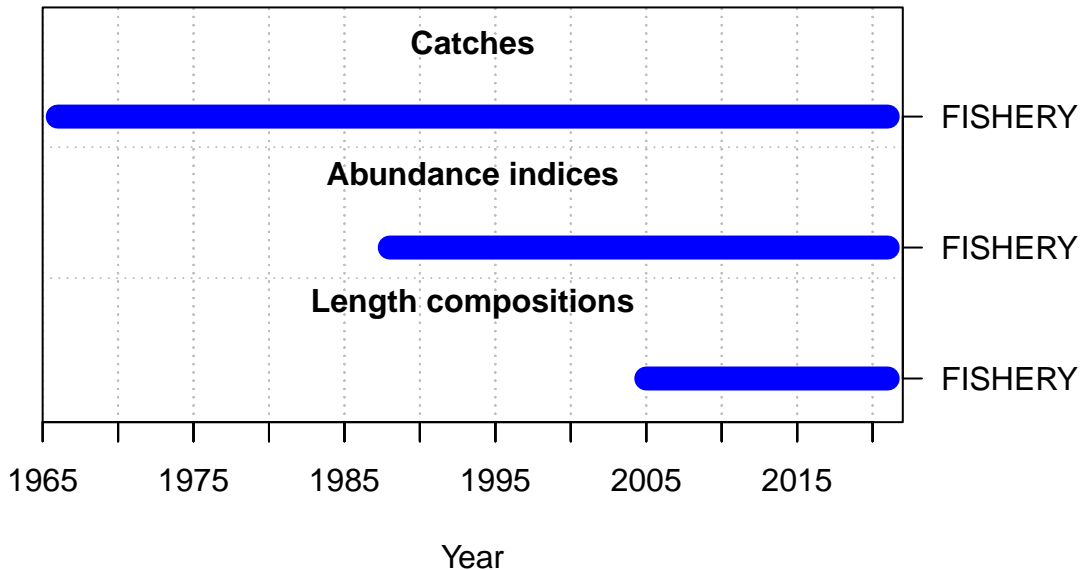


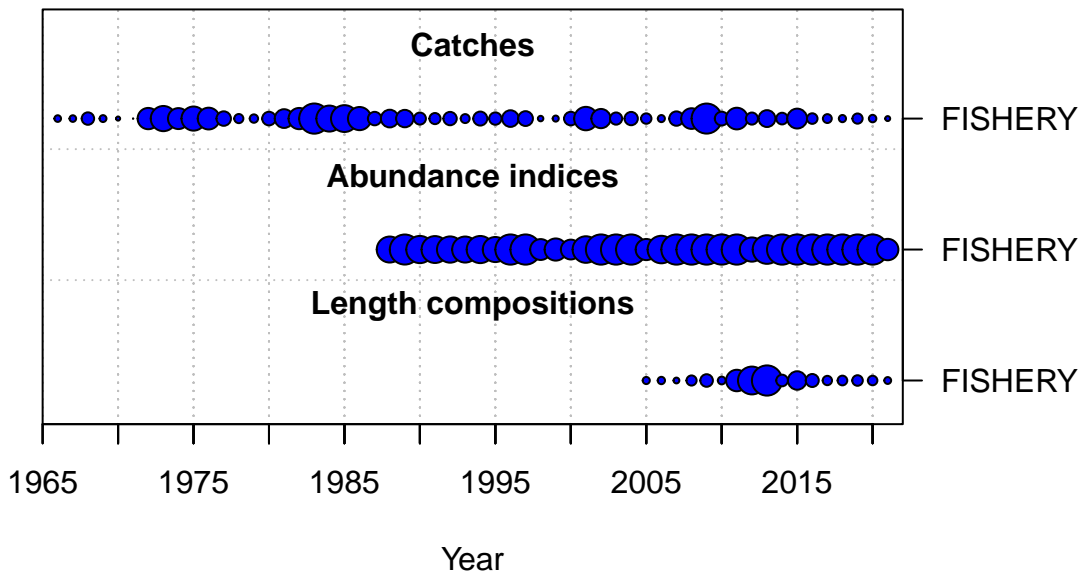




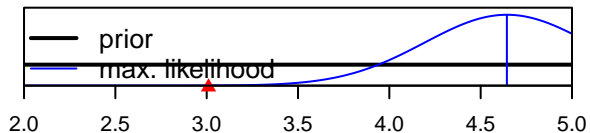




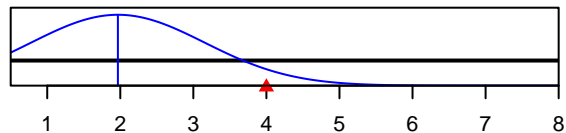




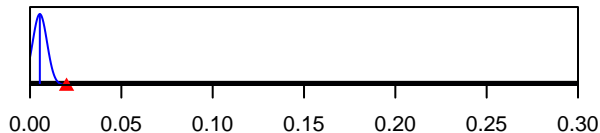
SR\_LN(R0)



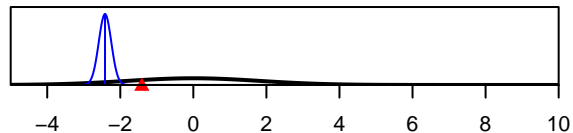
Size\_95%width\_FISHERY(1)



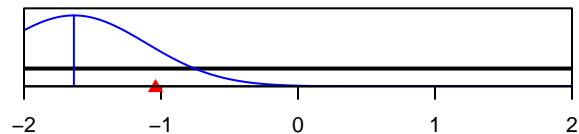
InitF\_seas\_1\_flt\_1FISHERY



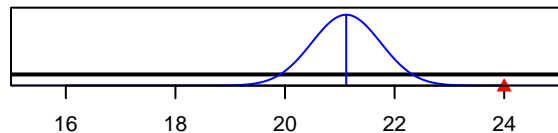
ln(DM\_theta)\_1



LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Parameter value