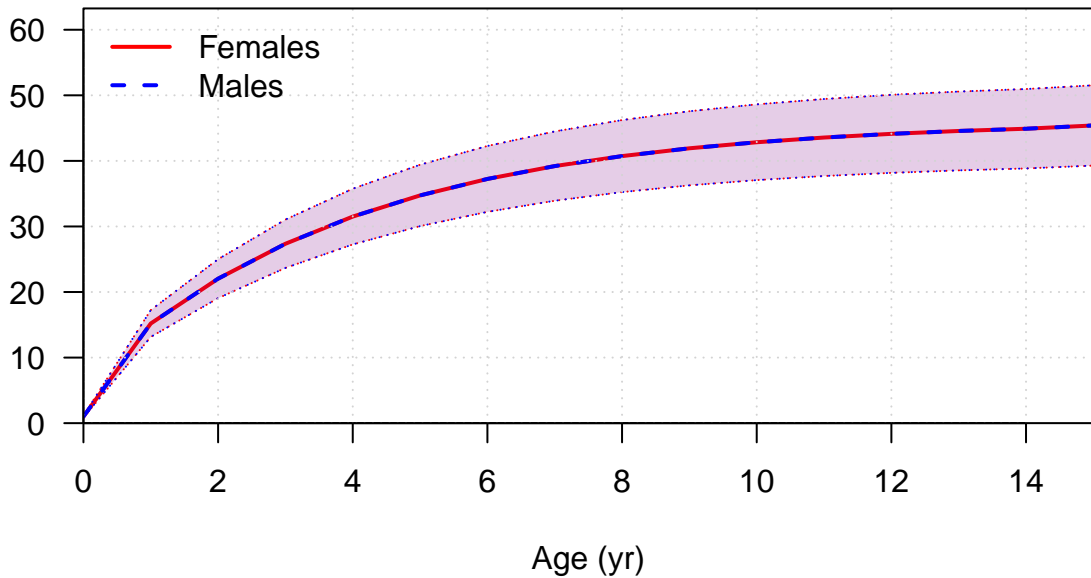
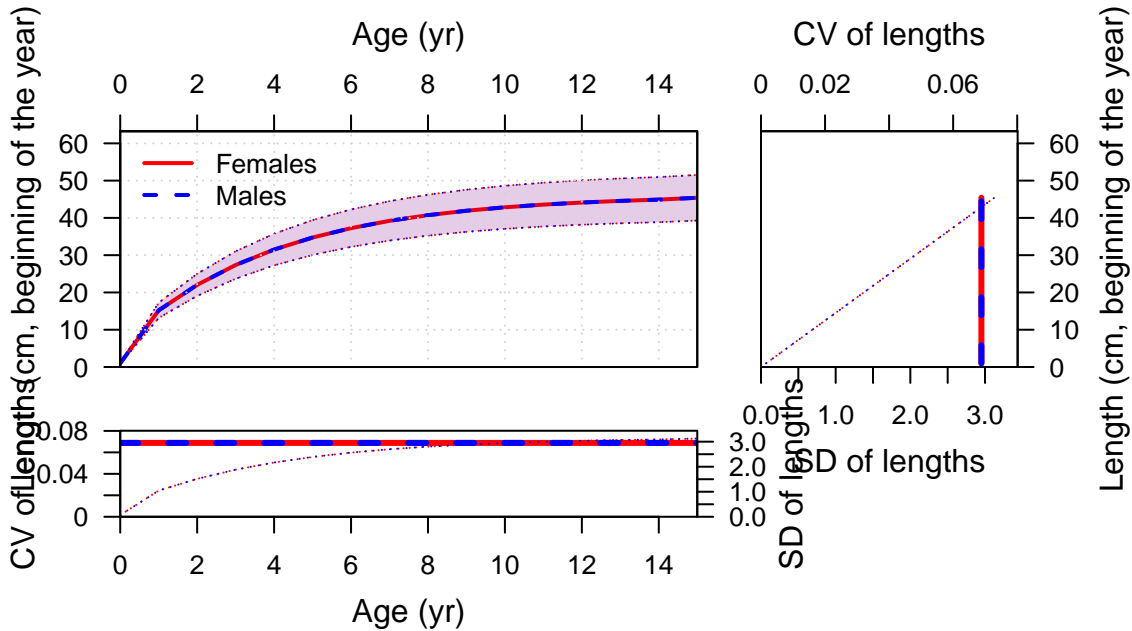
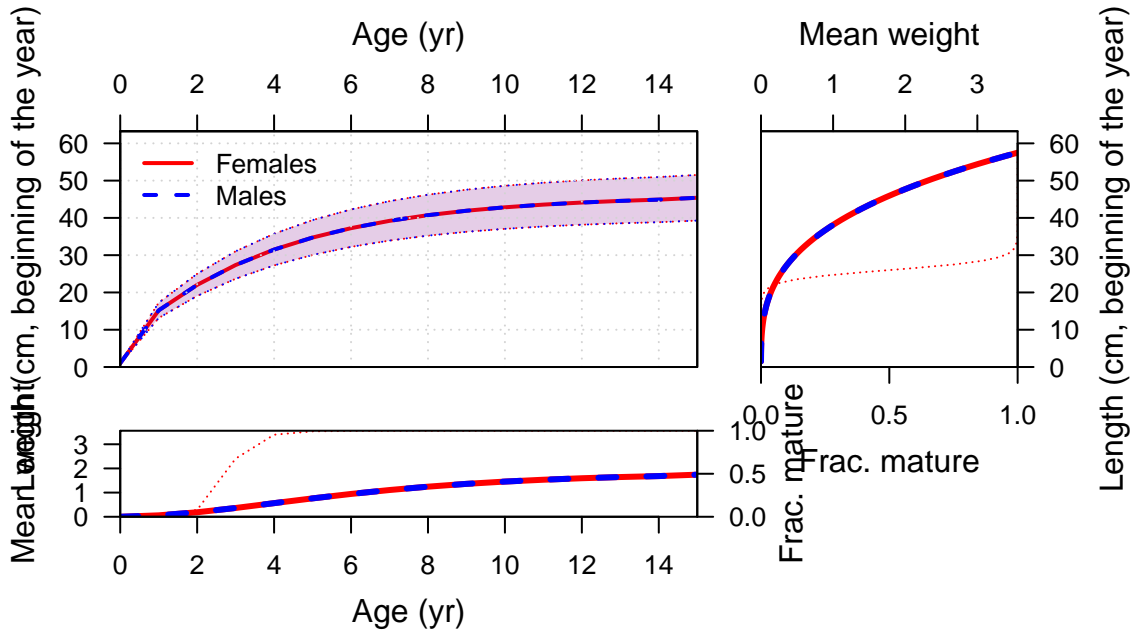


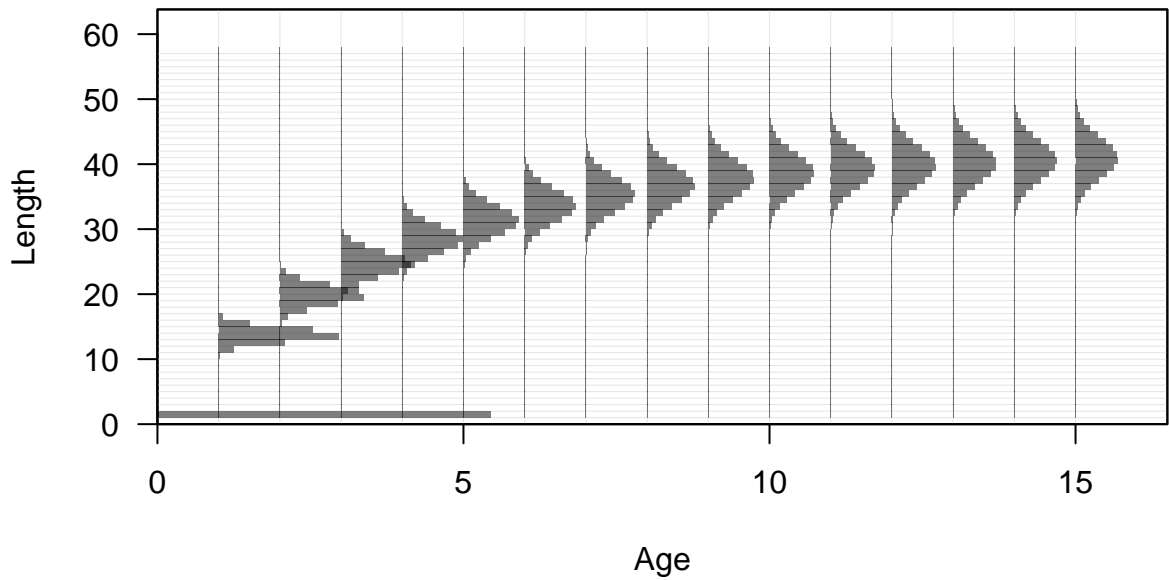
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Tue Feb 14 16:24:56 2023
Data_File: data.ss
Control_File: control.ss

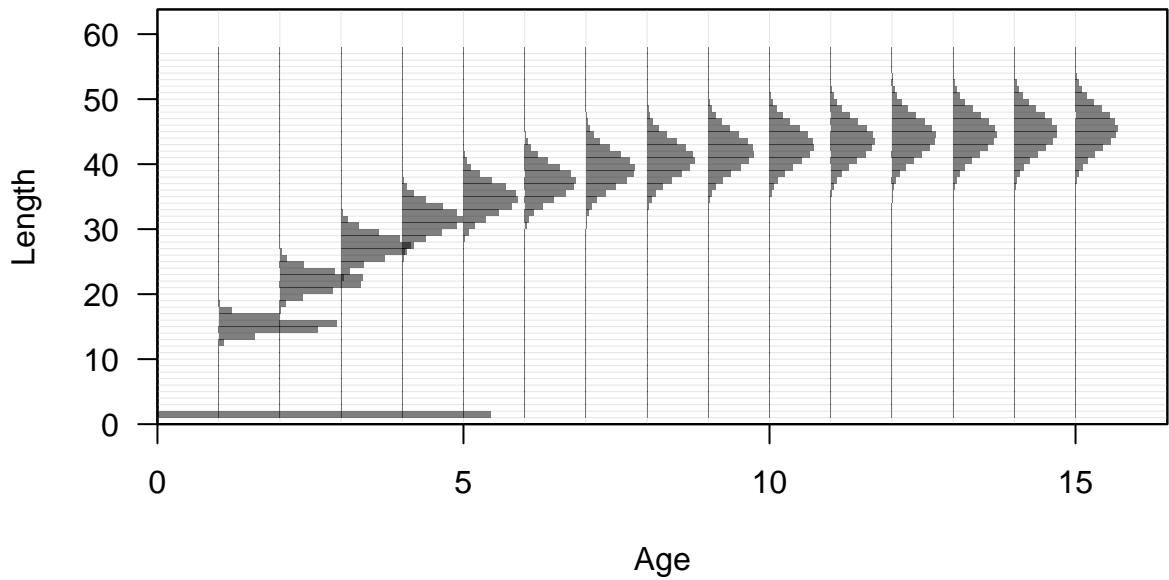
Length (cm, beginning of the year)

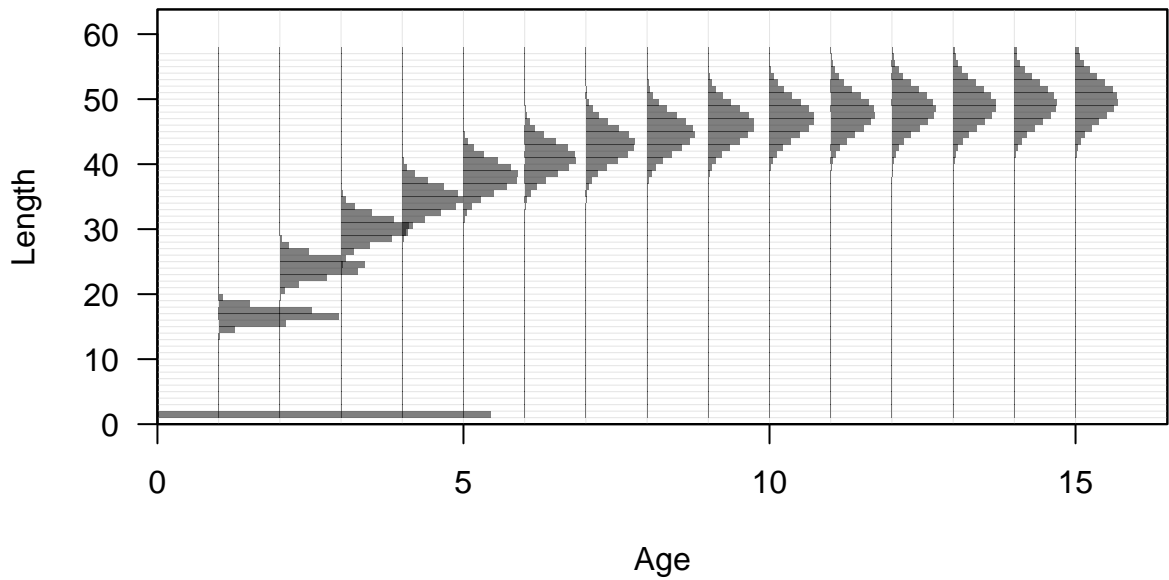


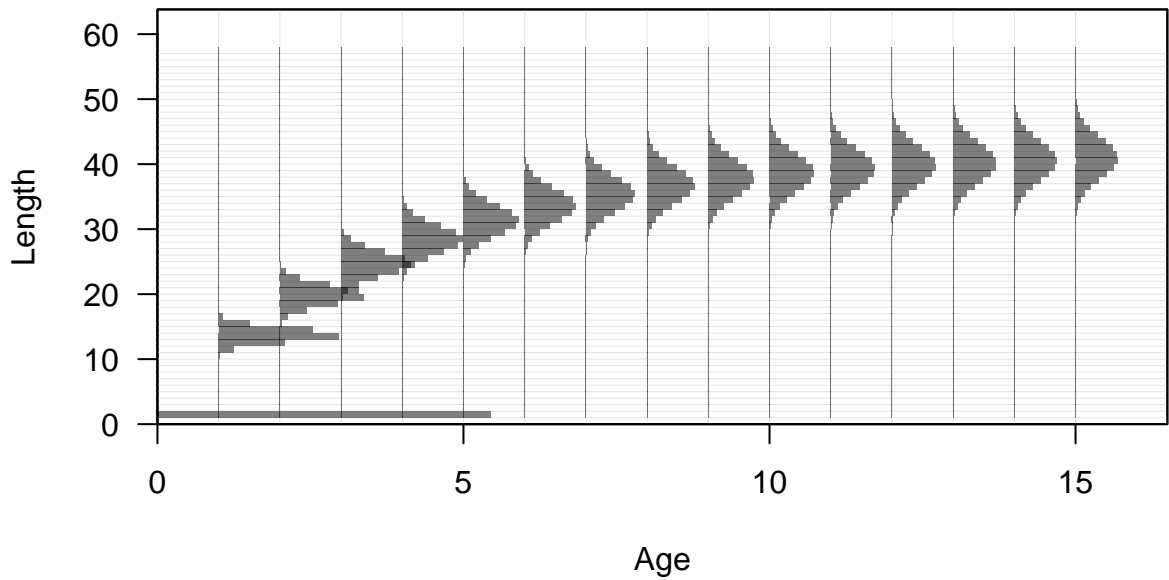


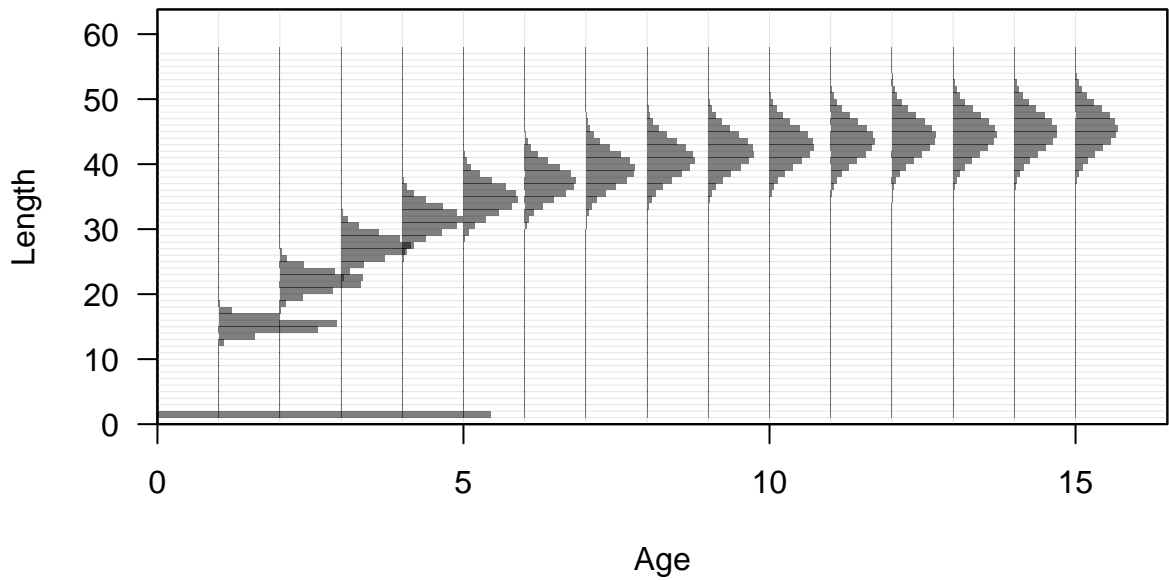


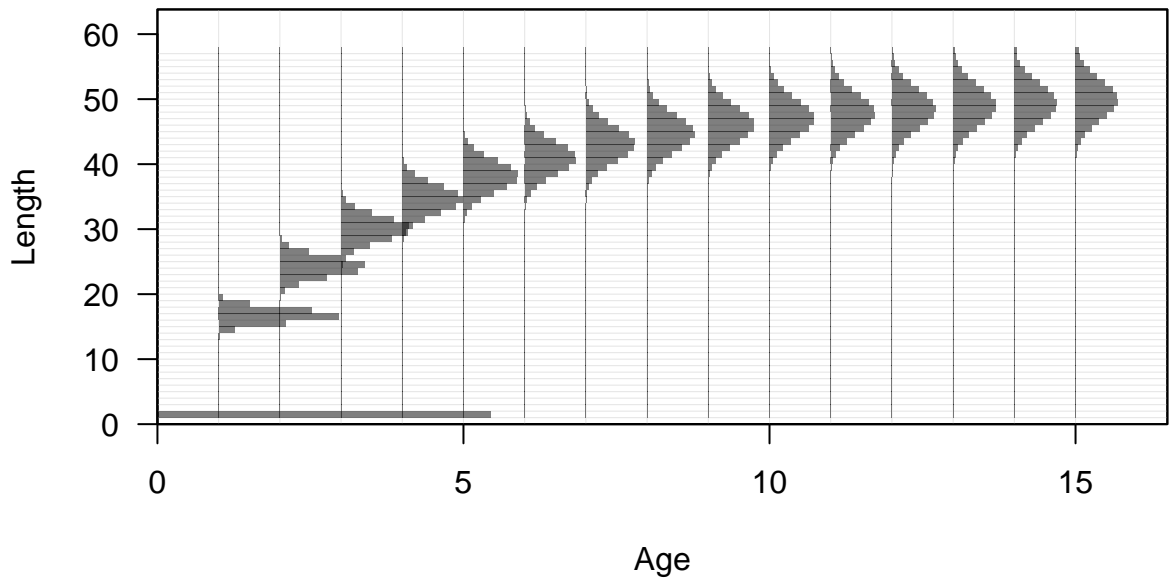


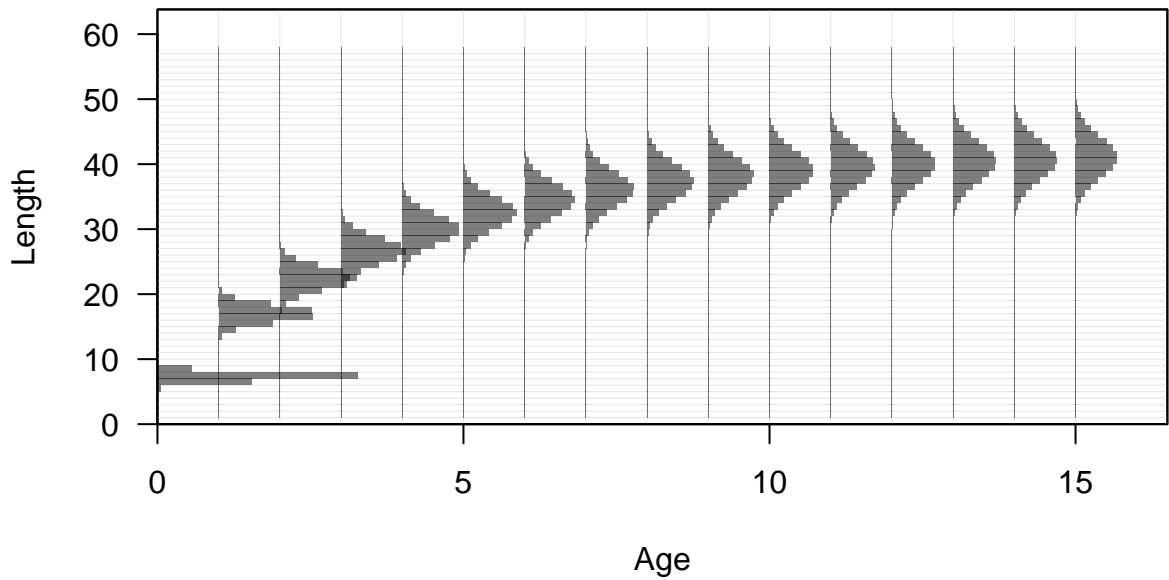


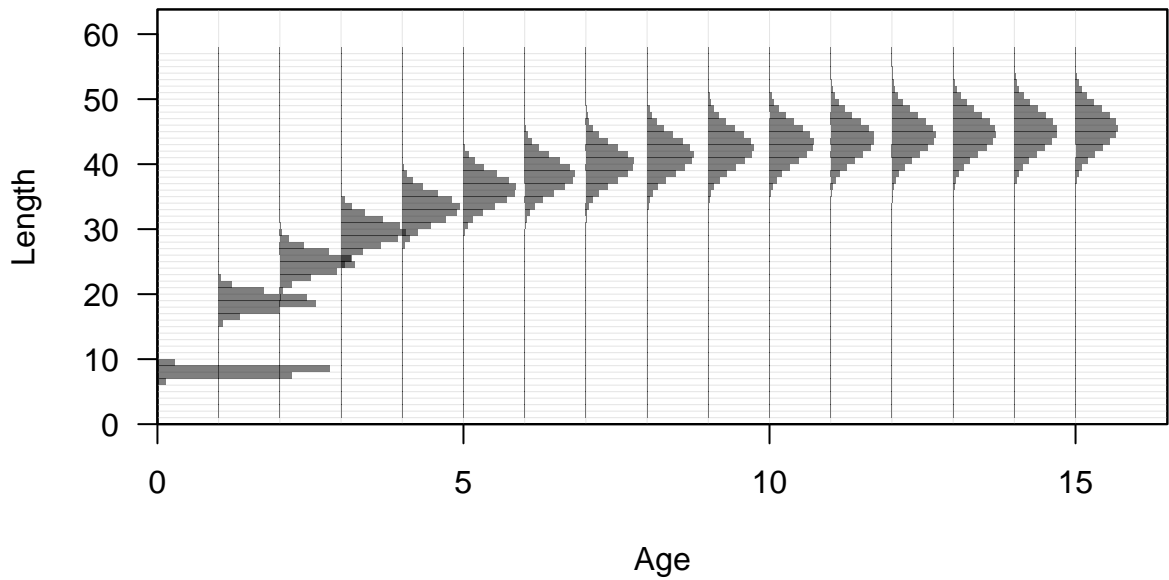


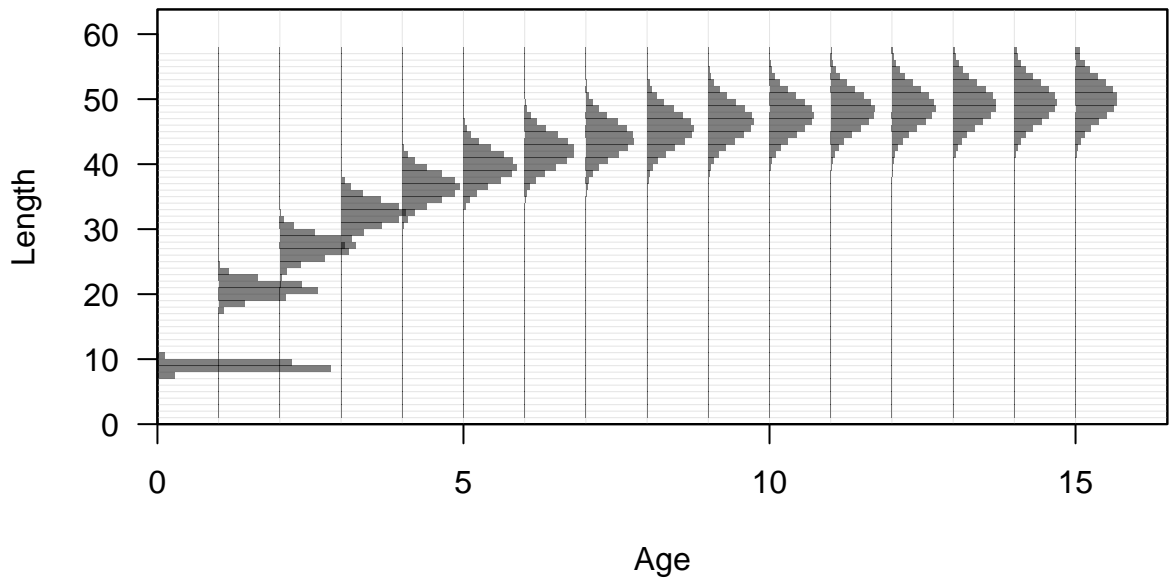


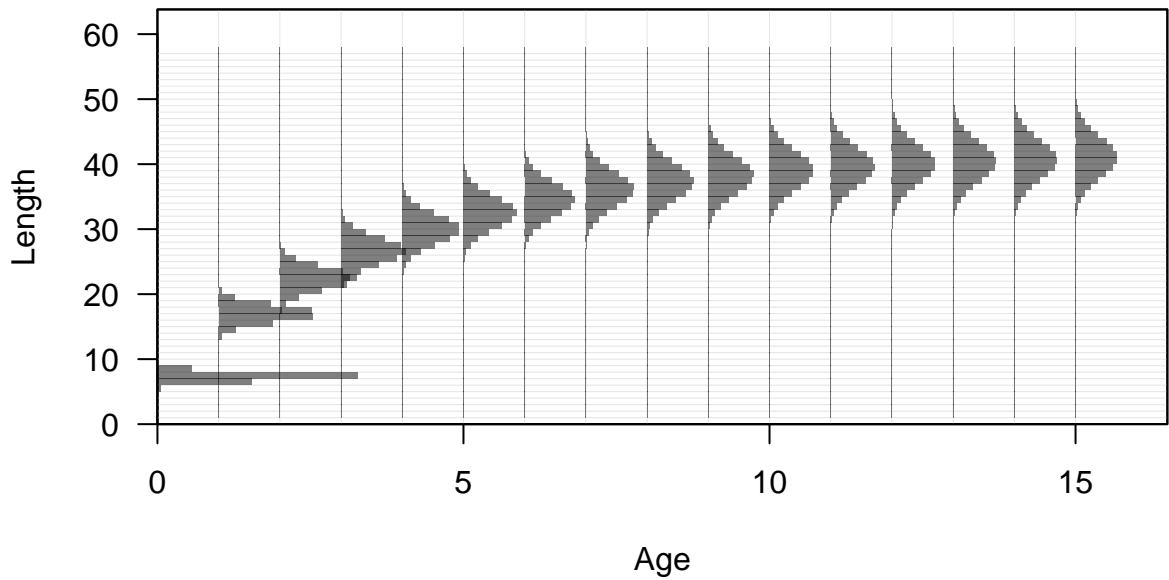


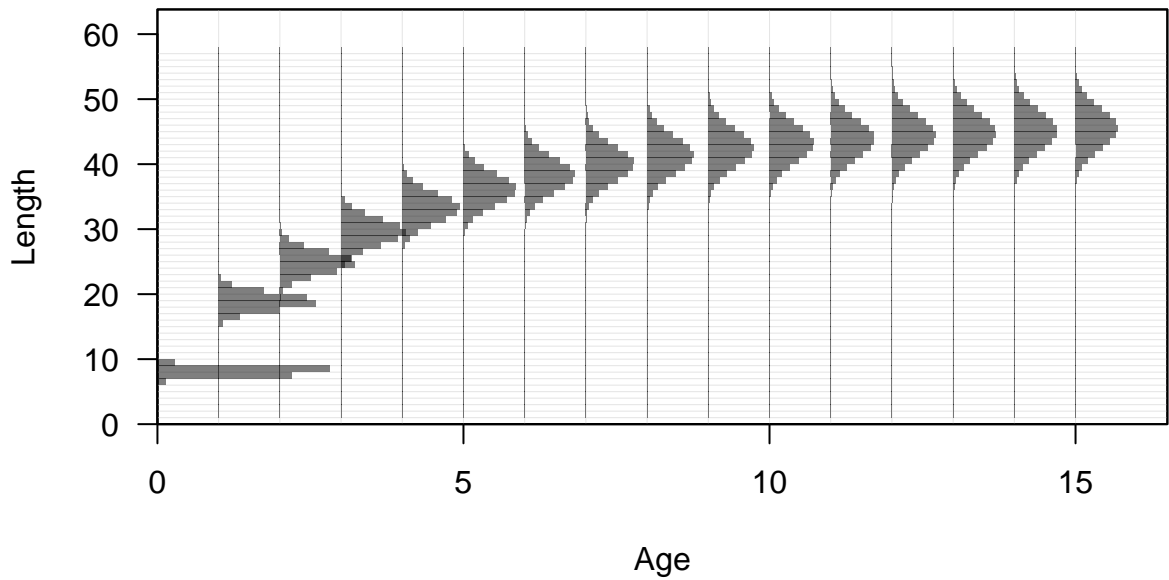


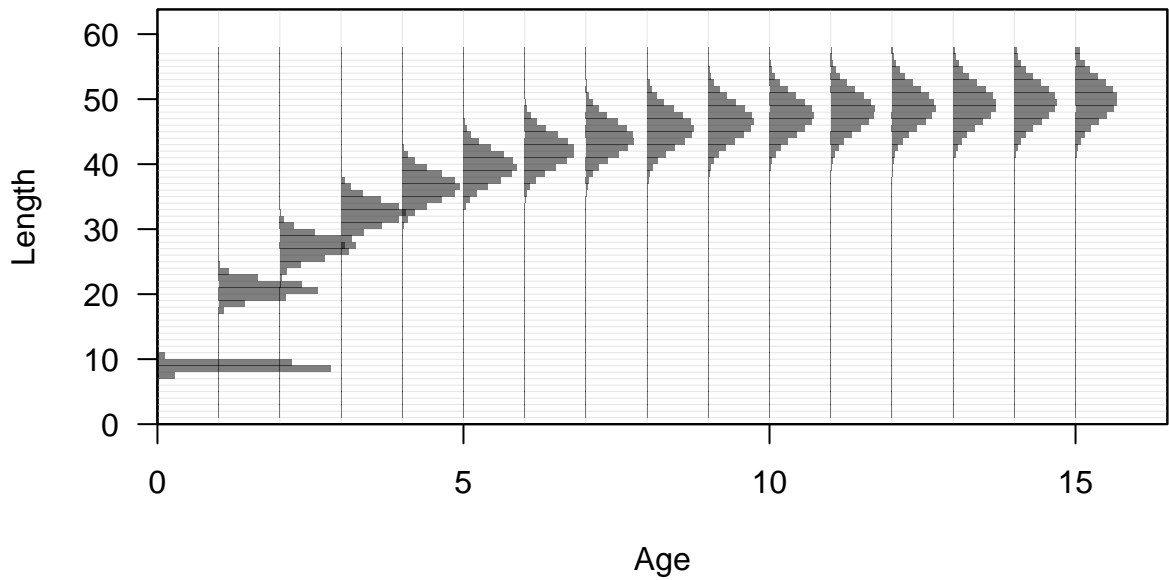








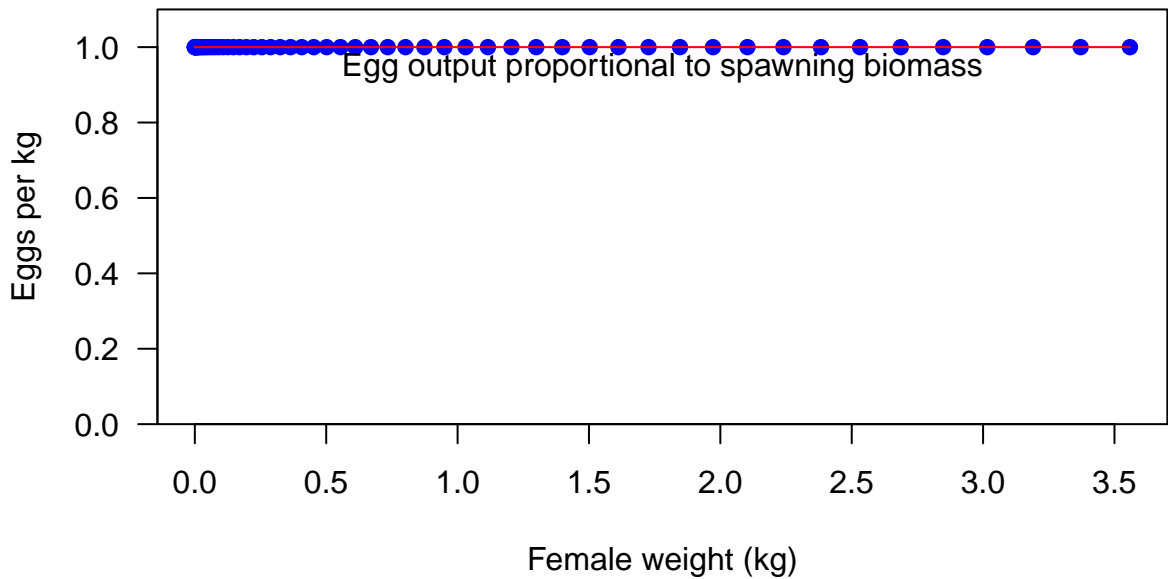












Fecundity



Fecundity



Spawning output

3

2

1

0

0

10

20

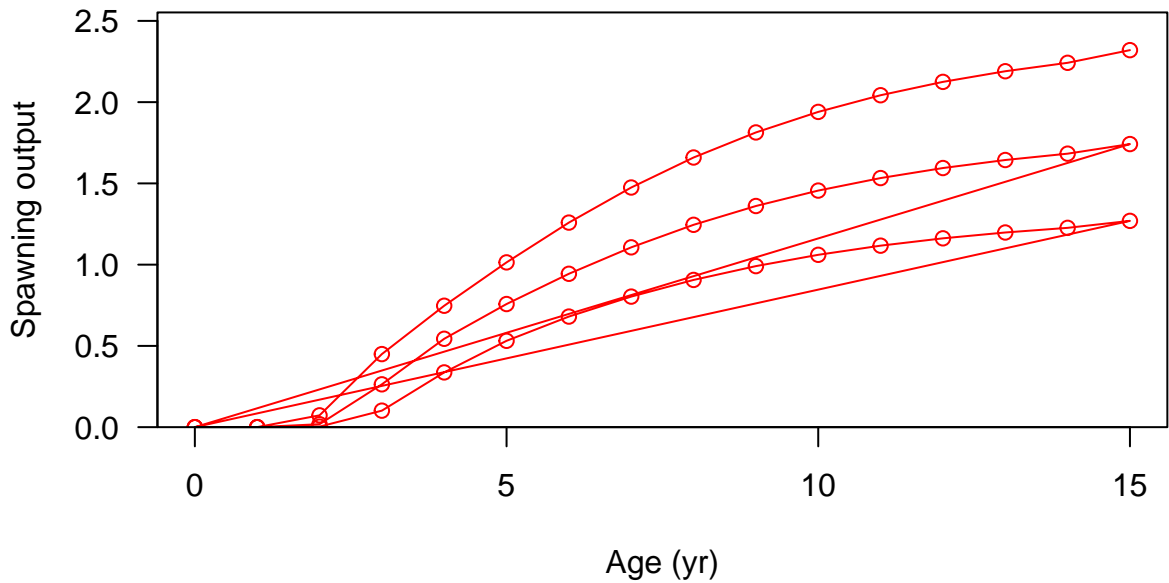
30

40

50

Length (cm)

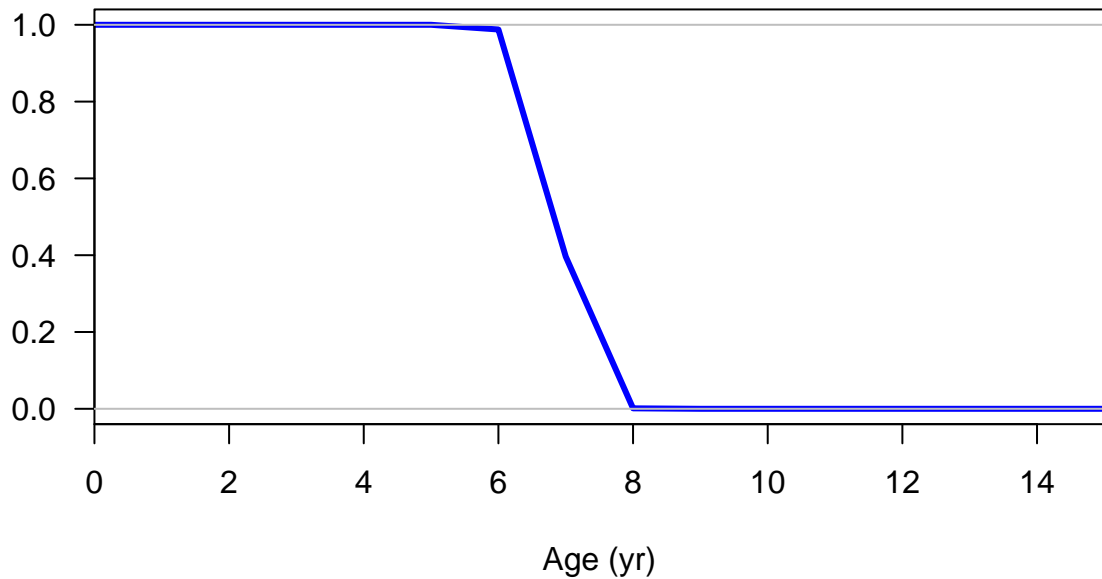




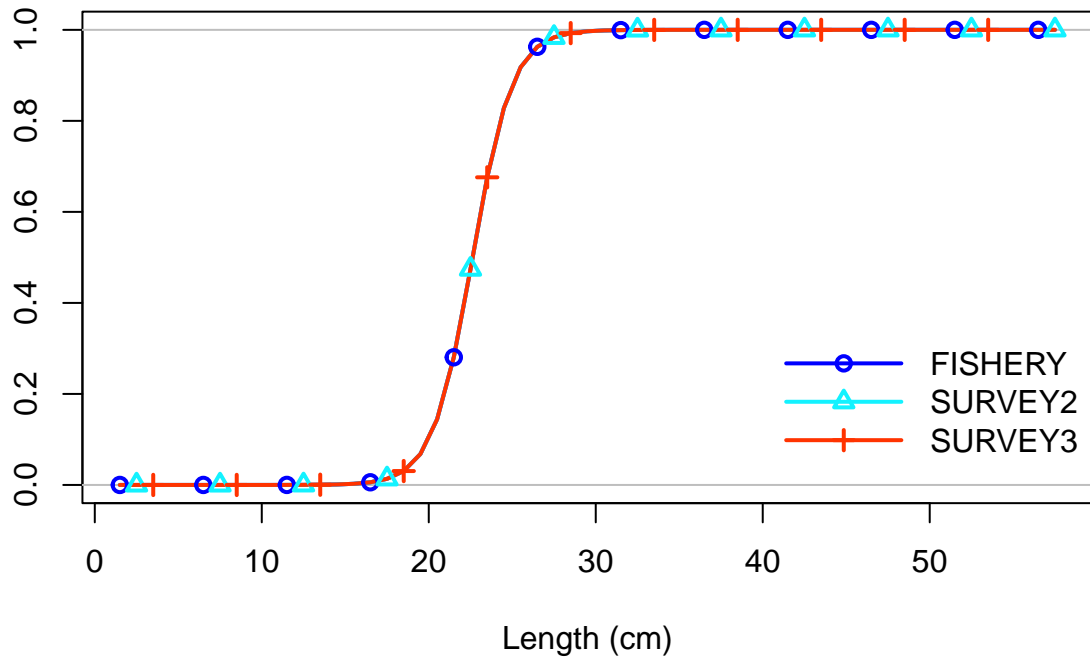
Hermaphroditism transition rate

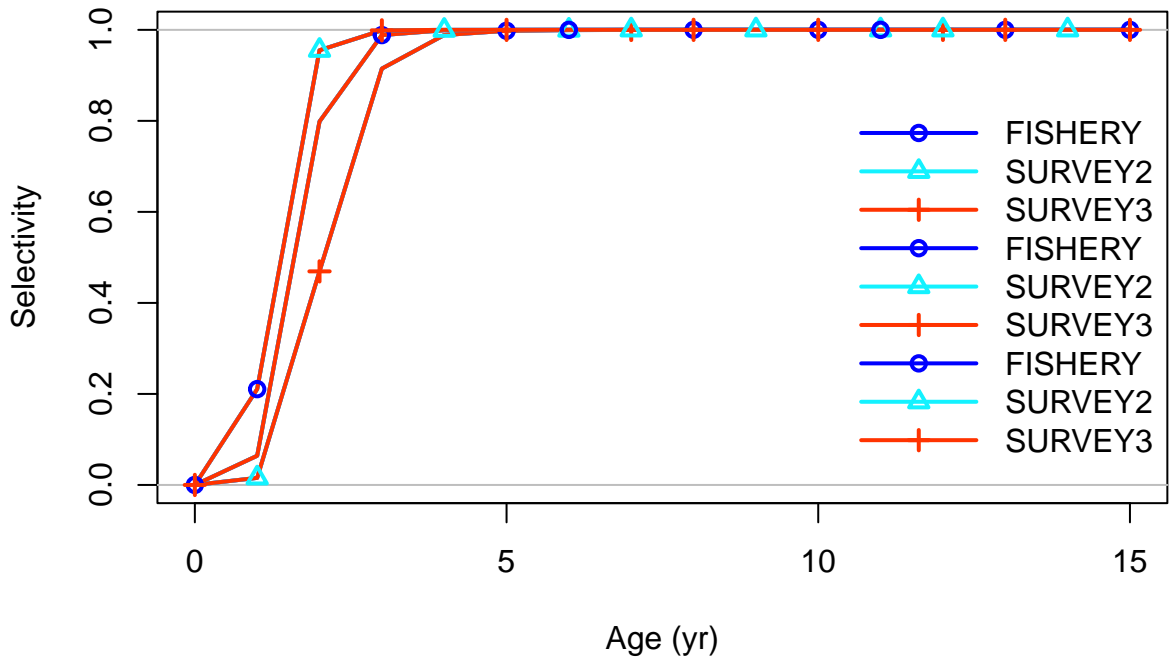


Fraction females by age at equilibrium

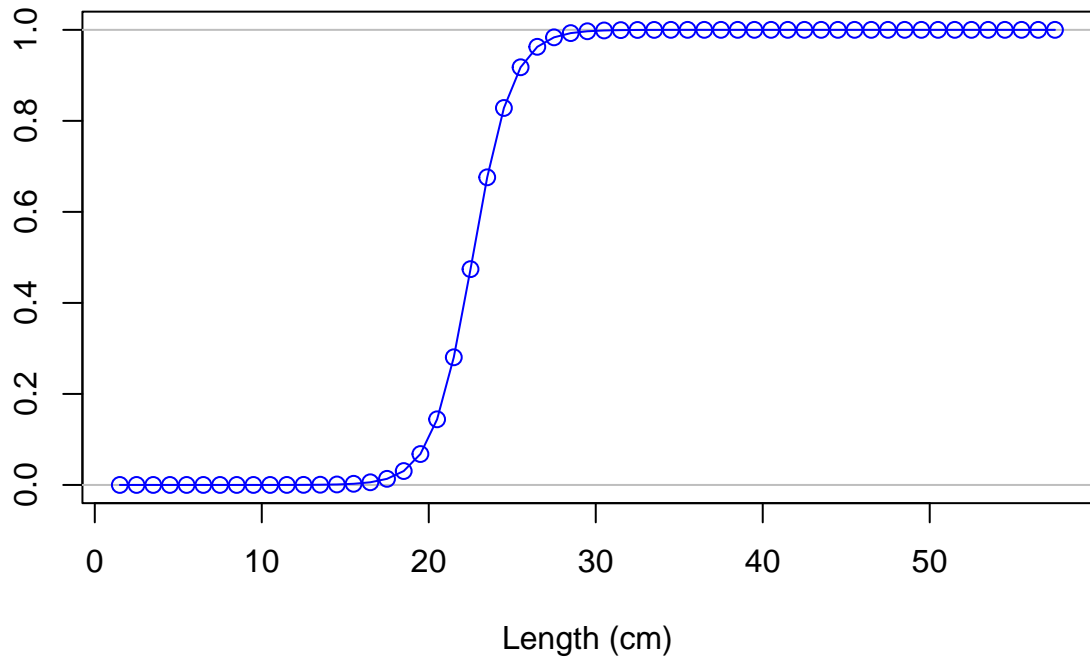


Selectivity

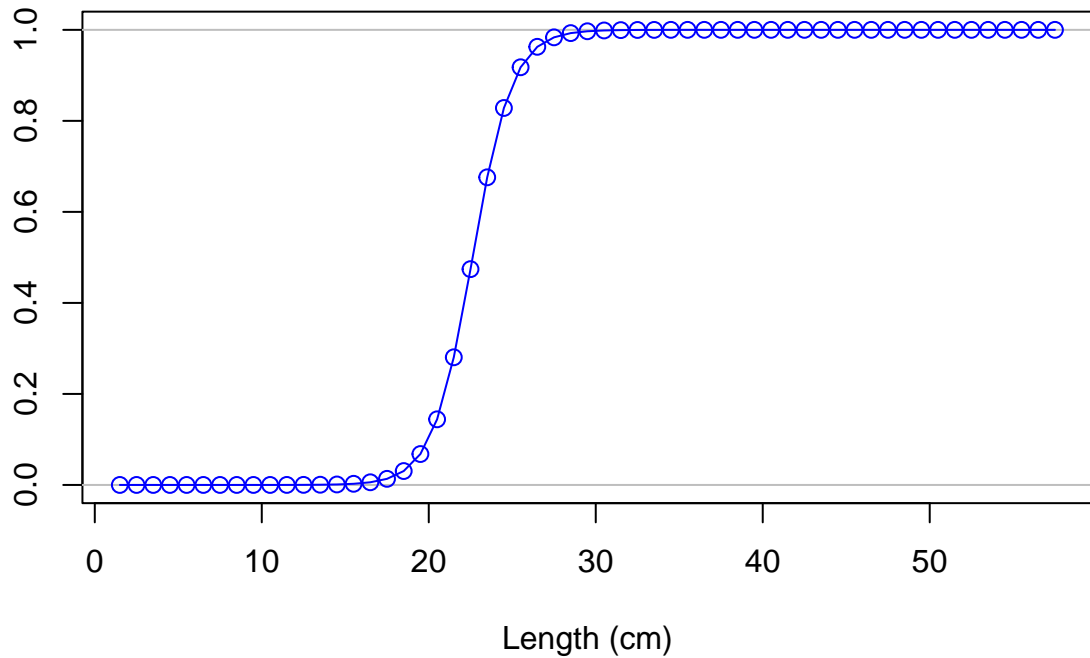




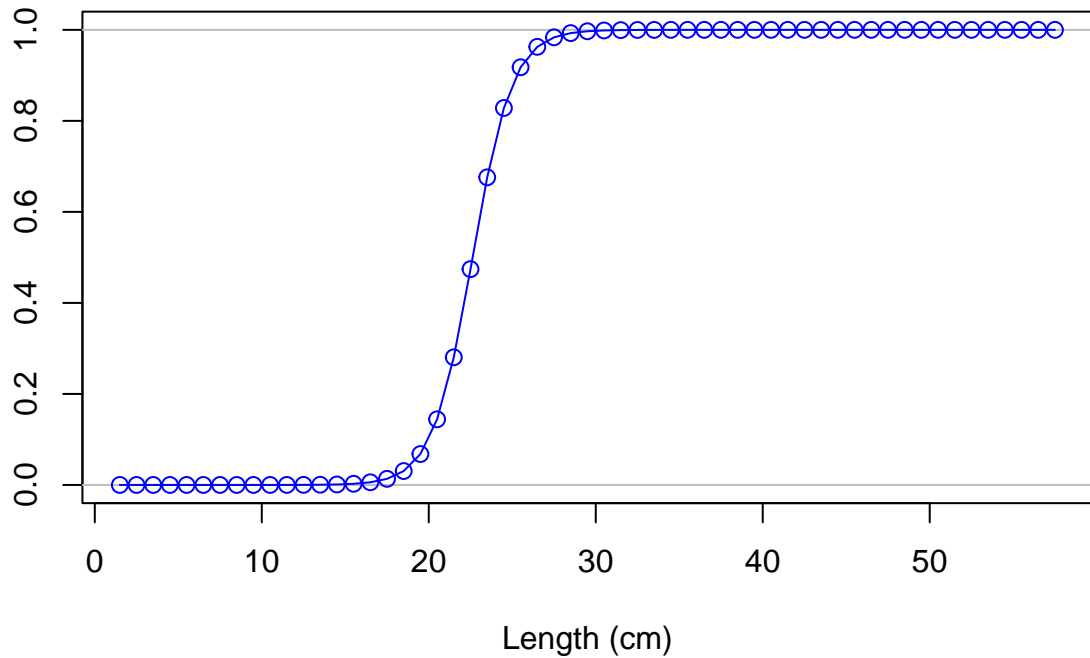
Selectivity



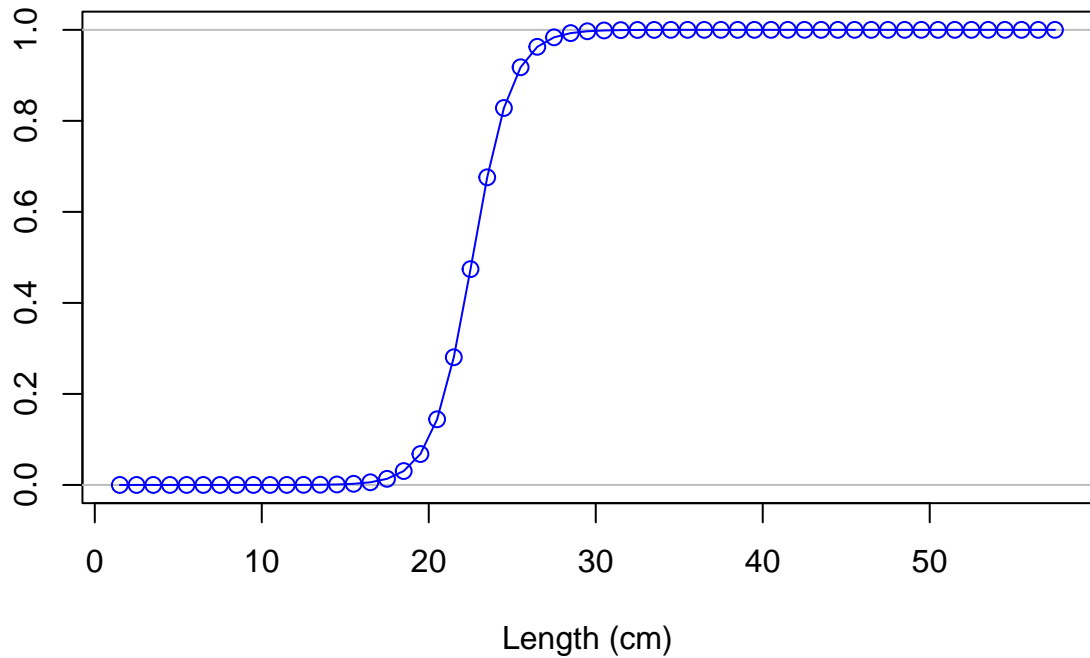
Selectivity



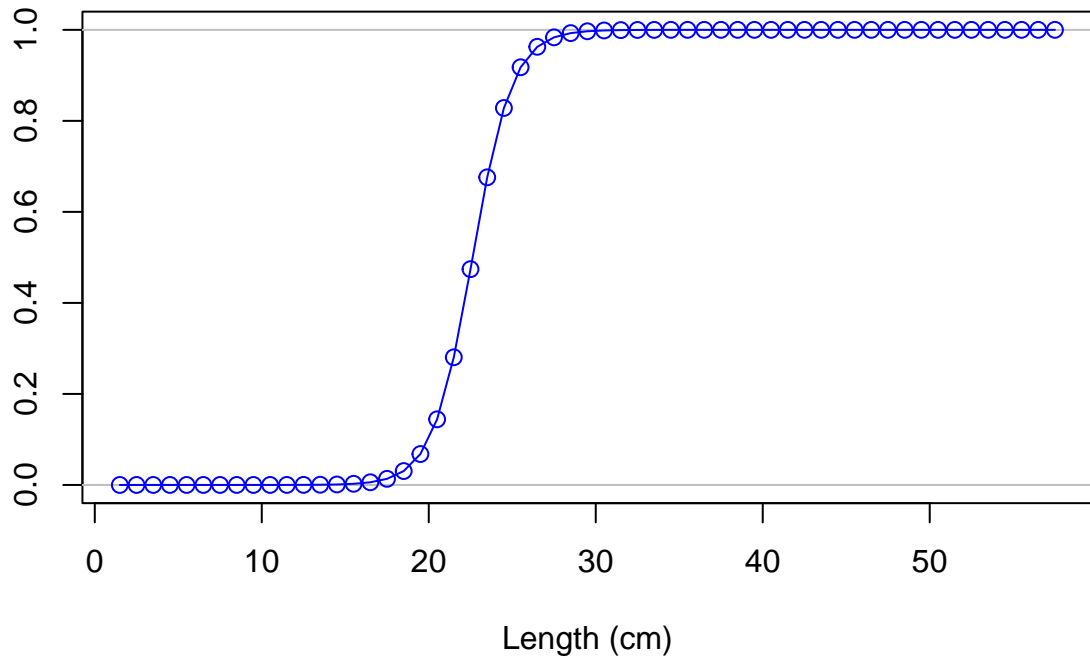
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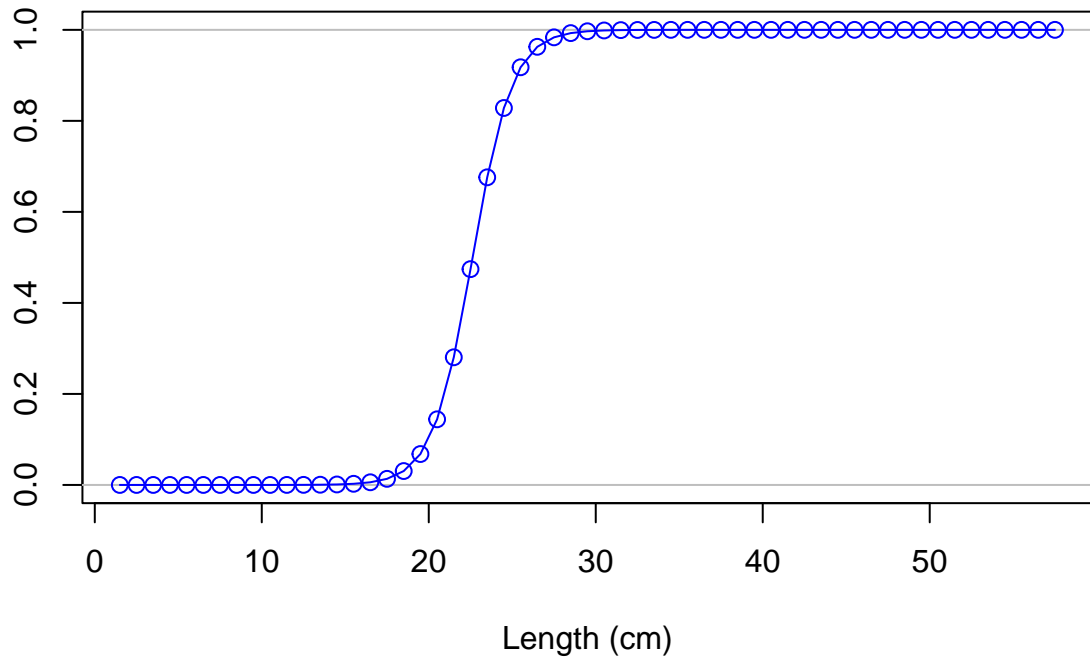
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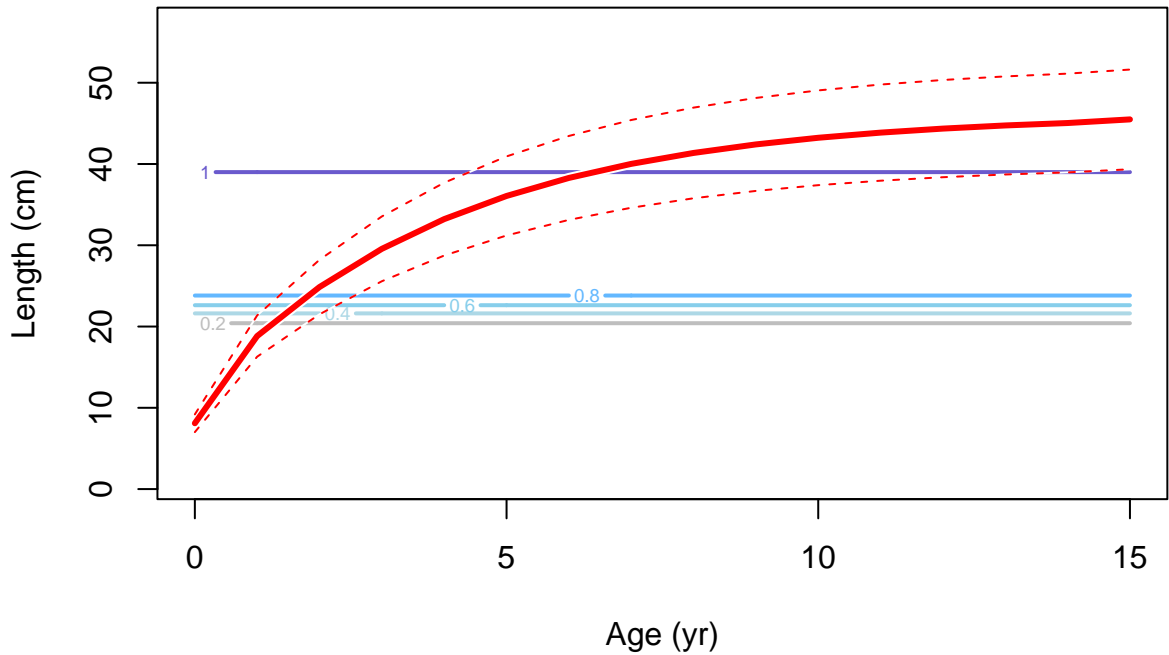


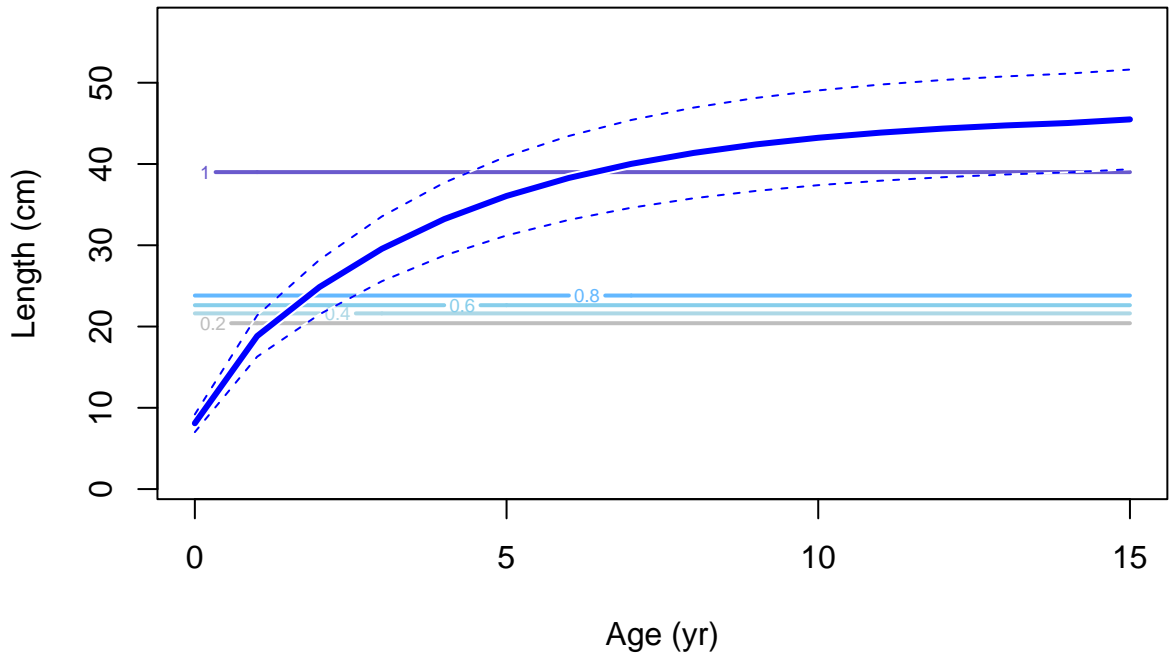
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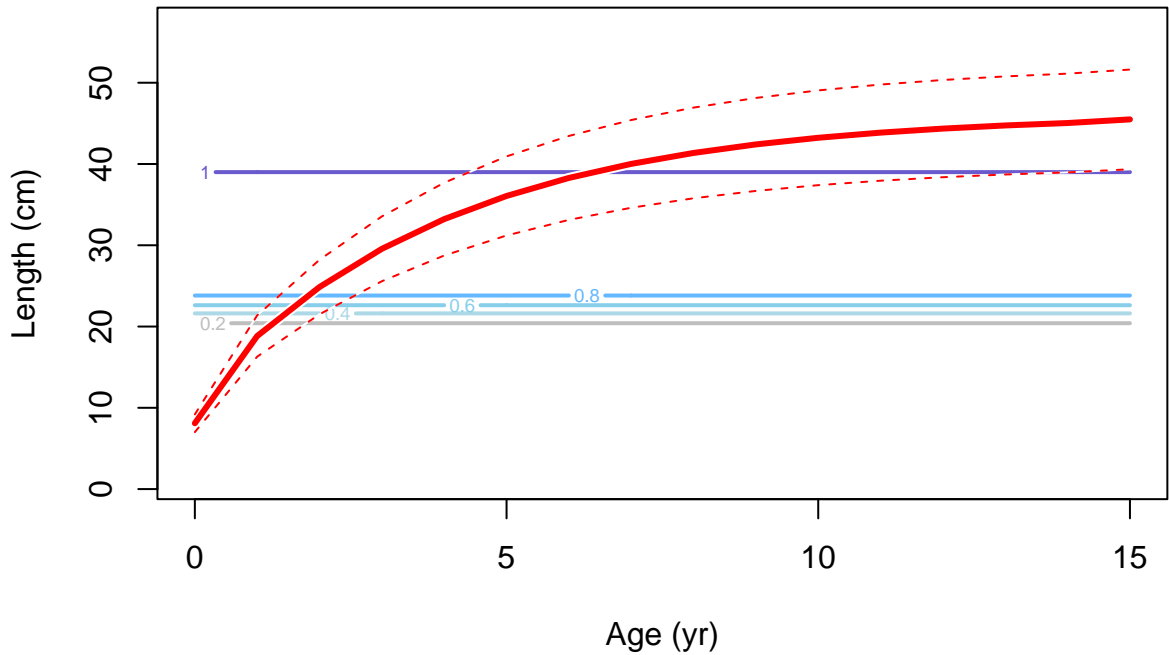


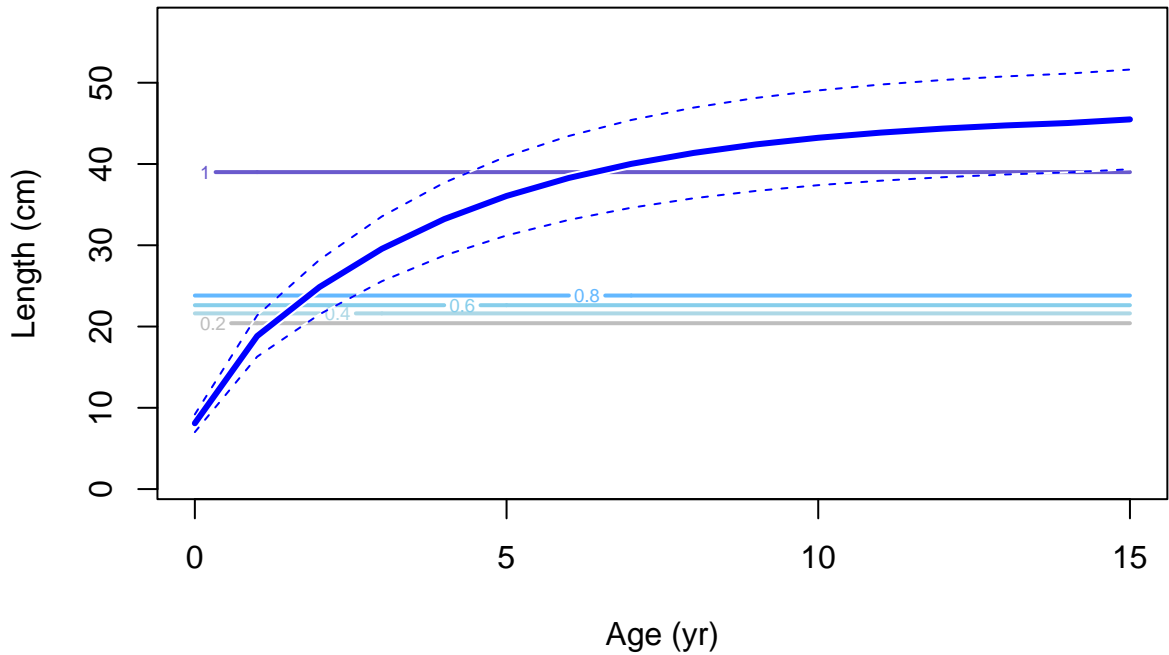
Selectivity

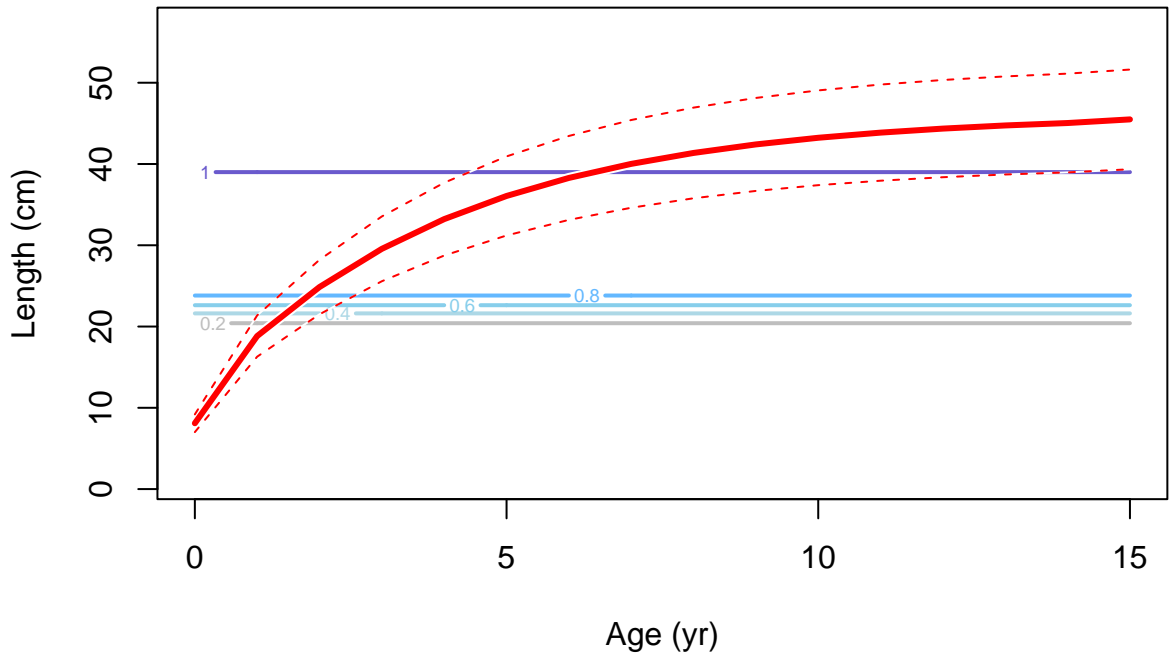


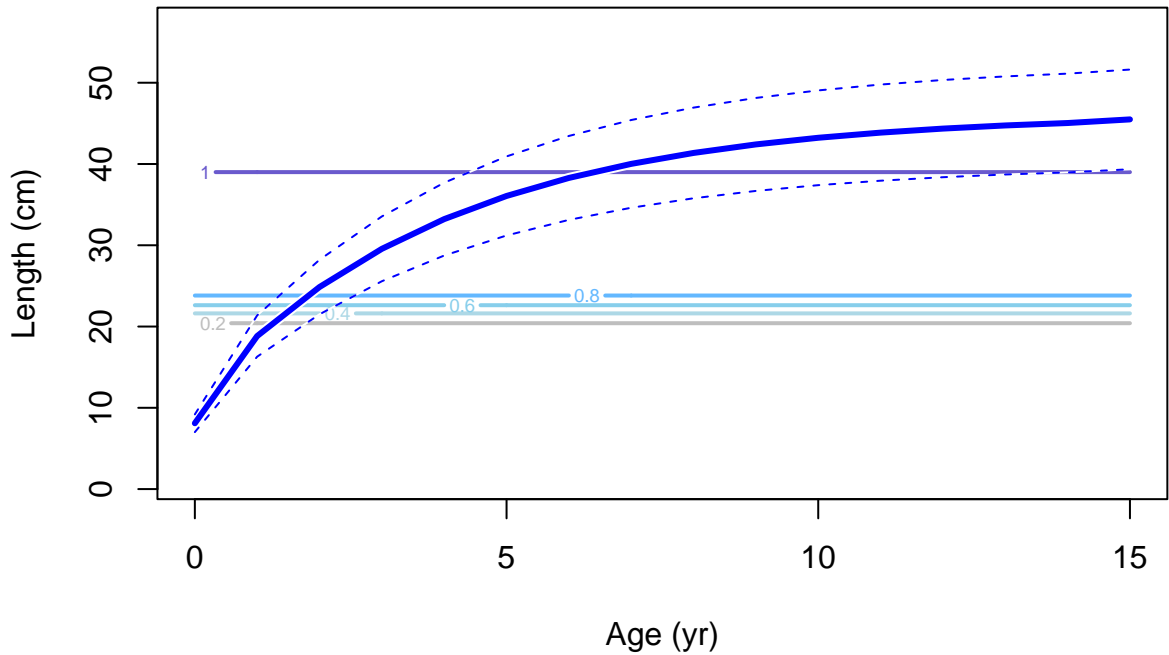




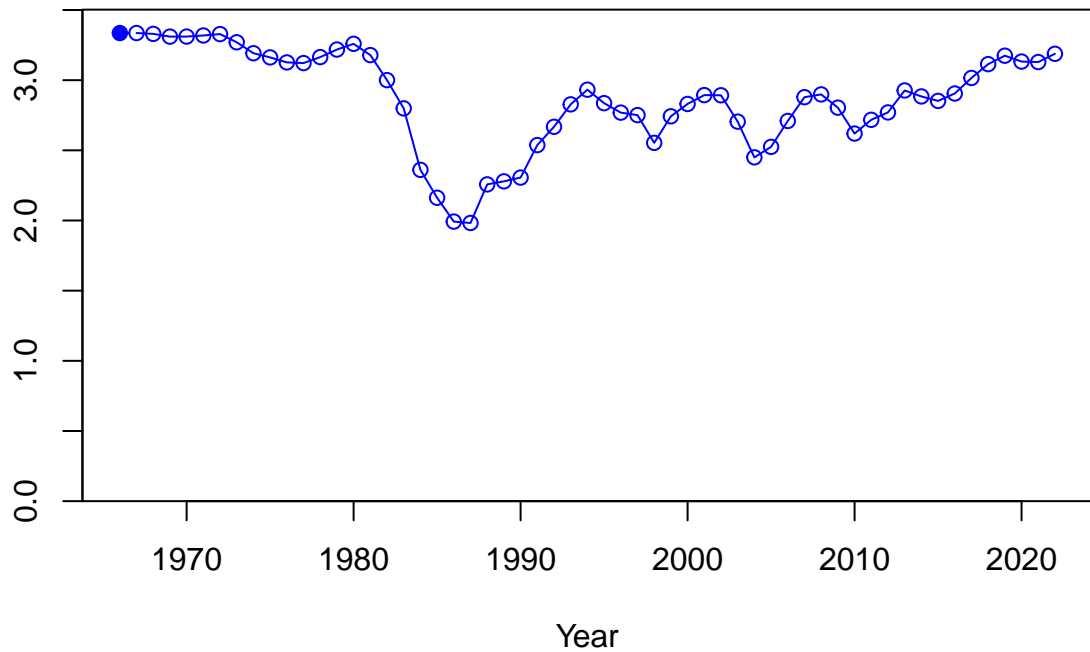


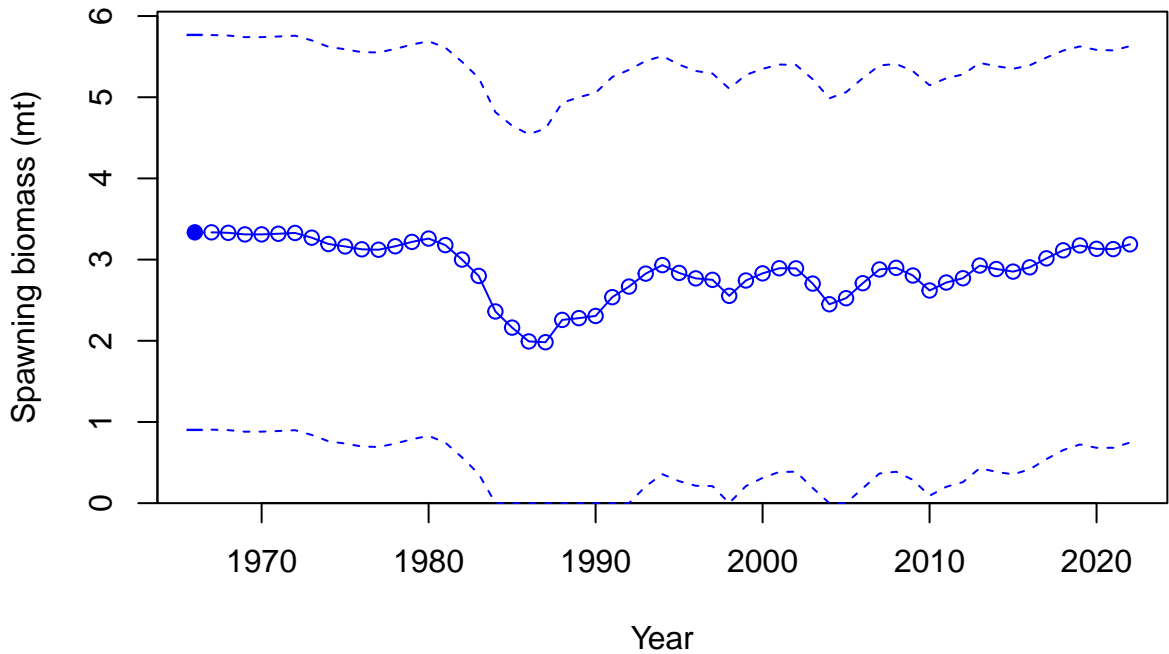




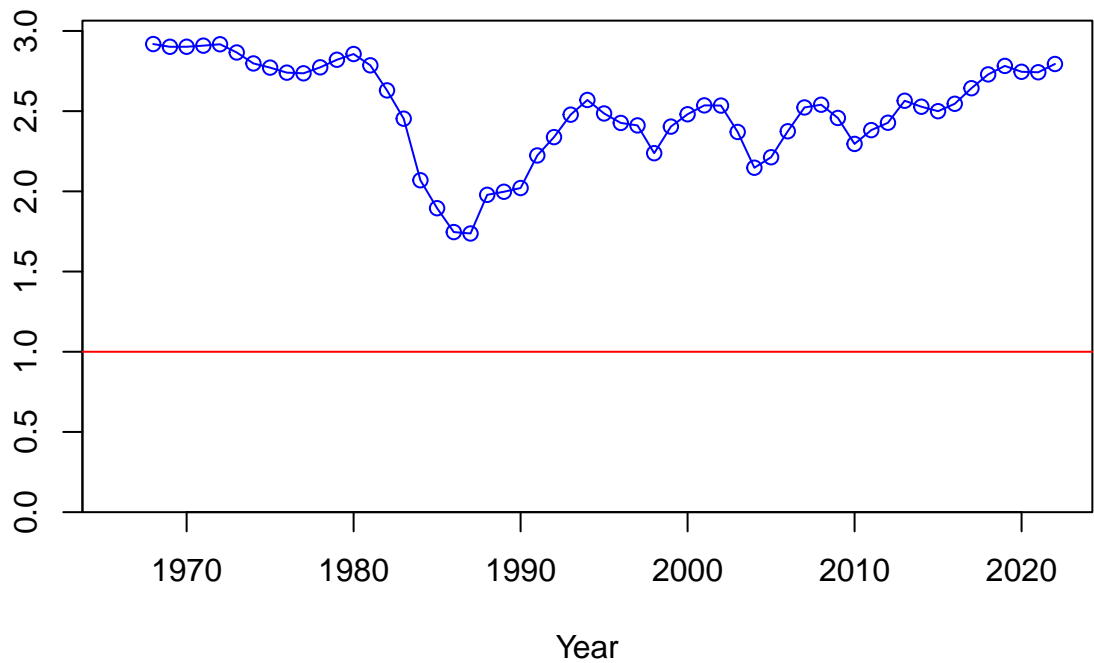


Spawning biomass (mt)

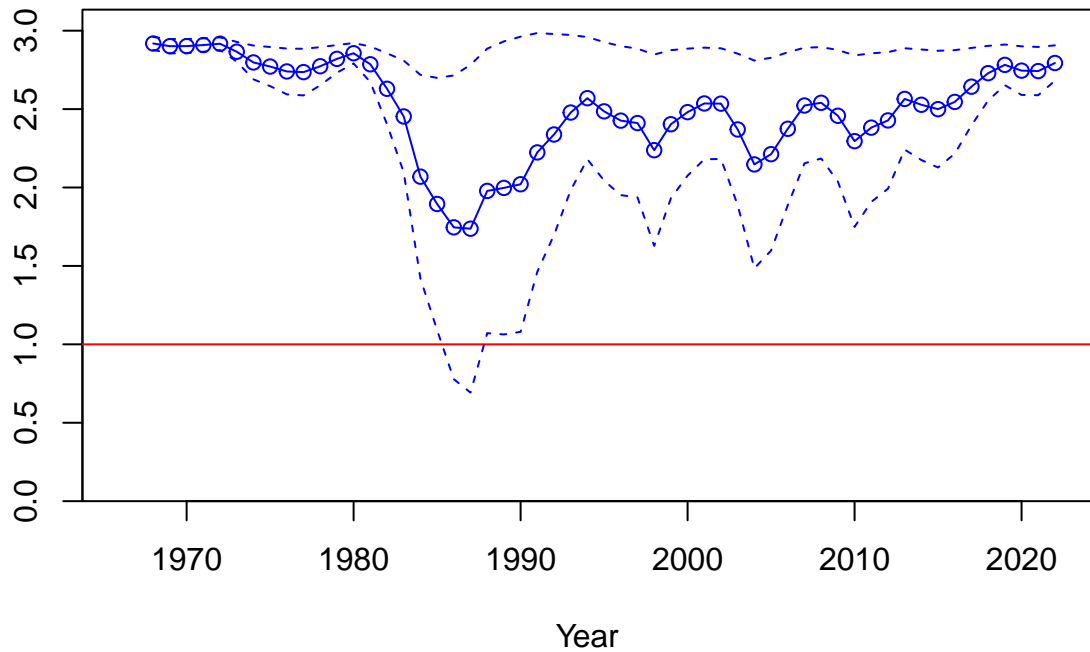


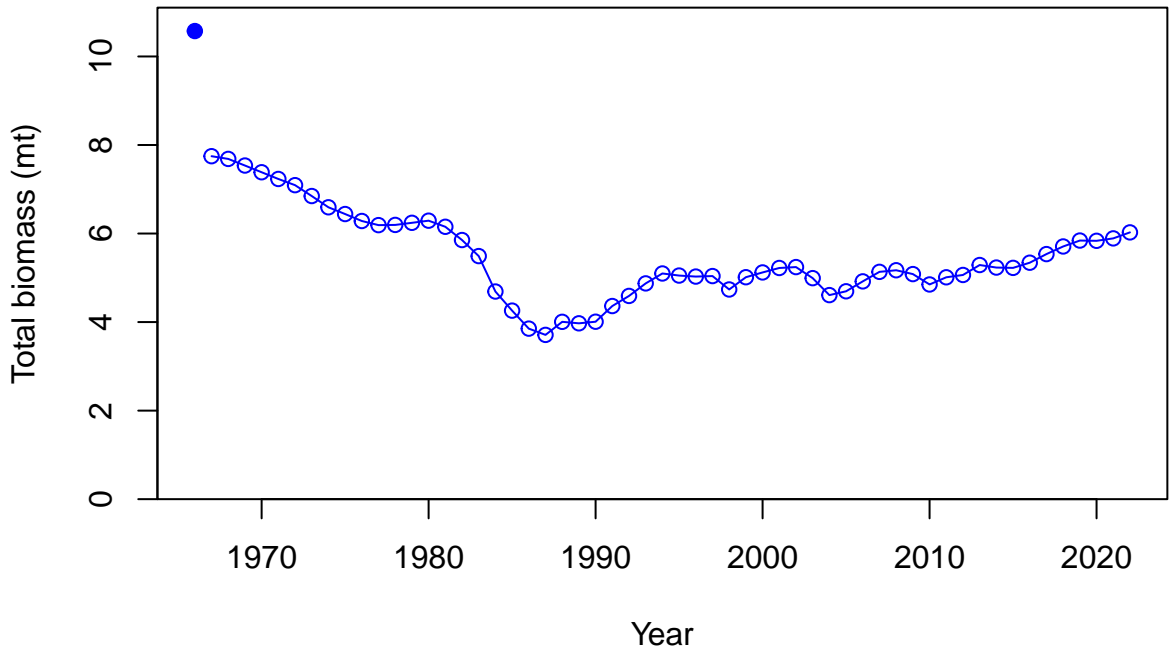


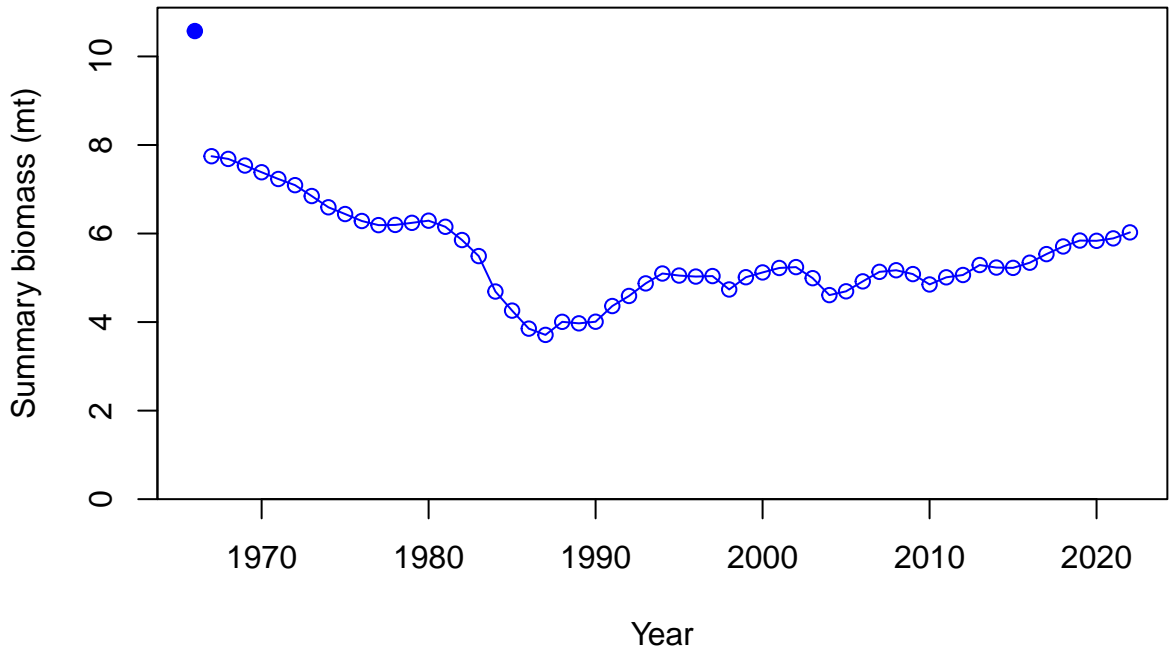
Relative spawning biomass: B/B_{MSY}

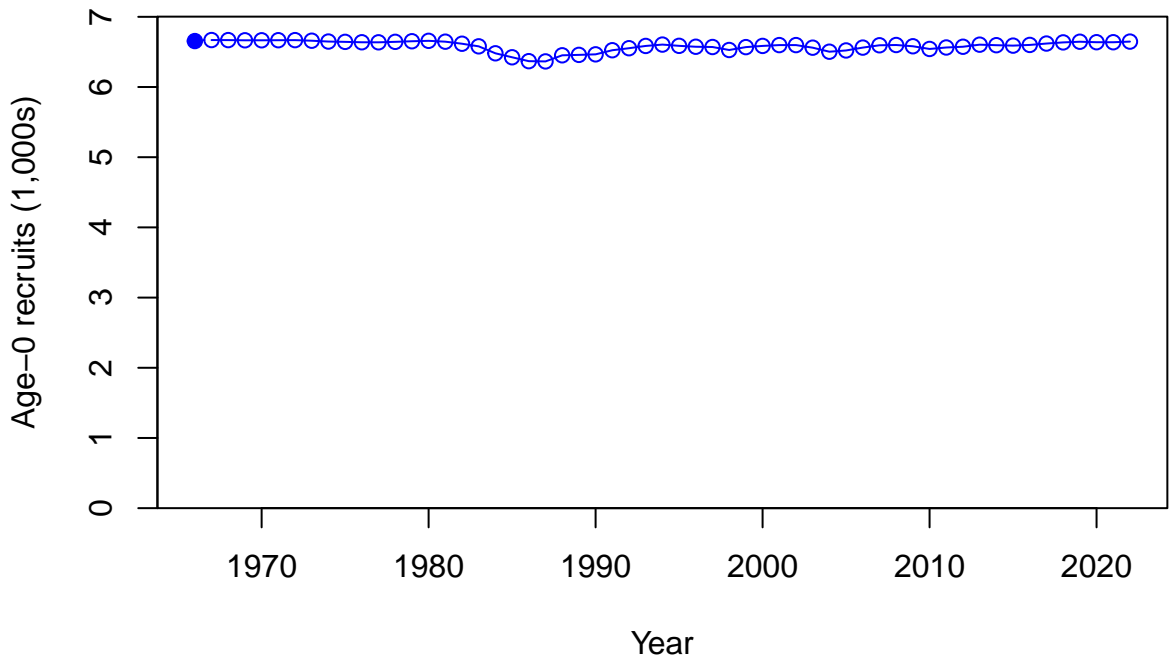


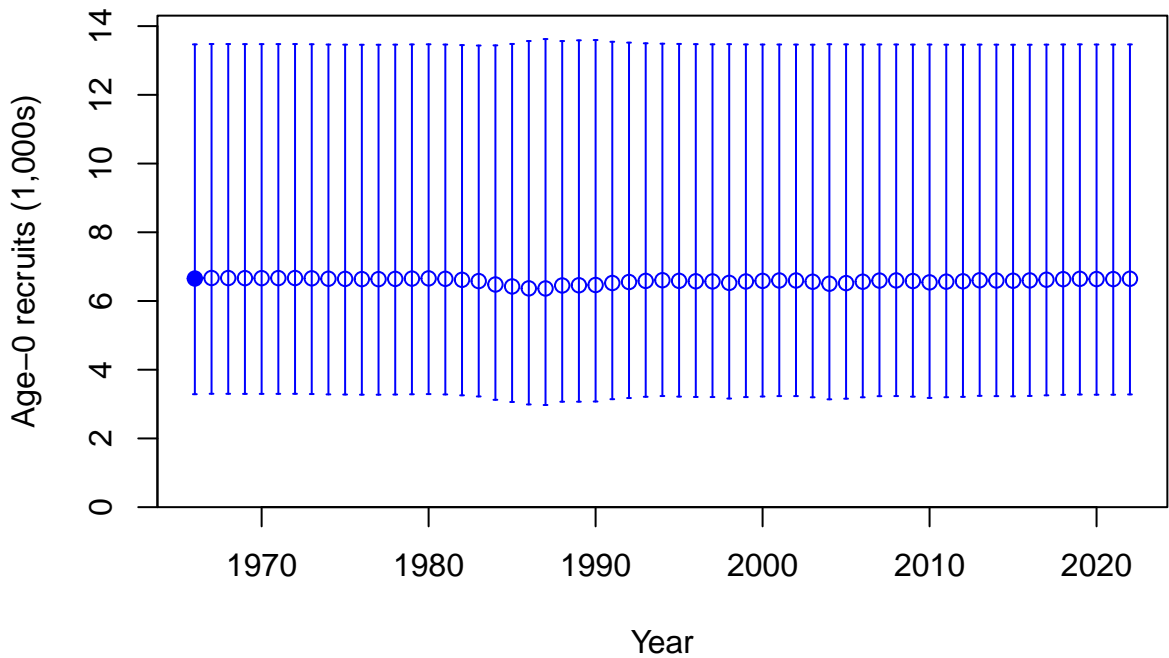
Relative spawning biomass: B/B_{MSY}



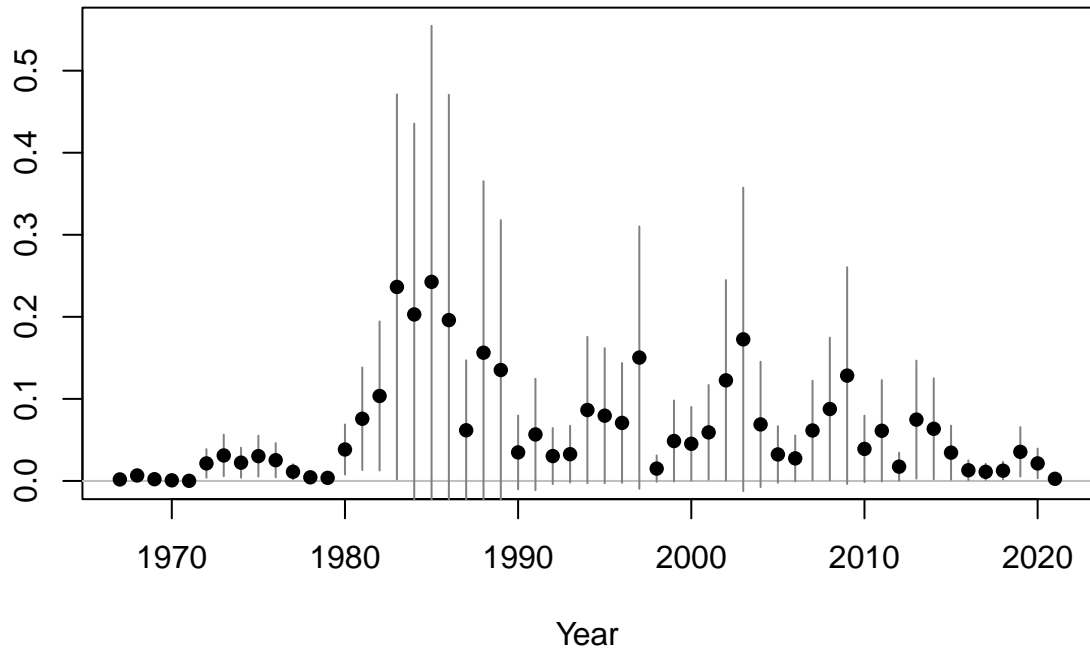


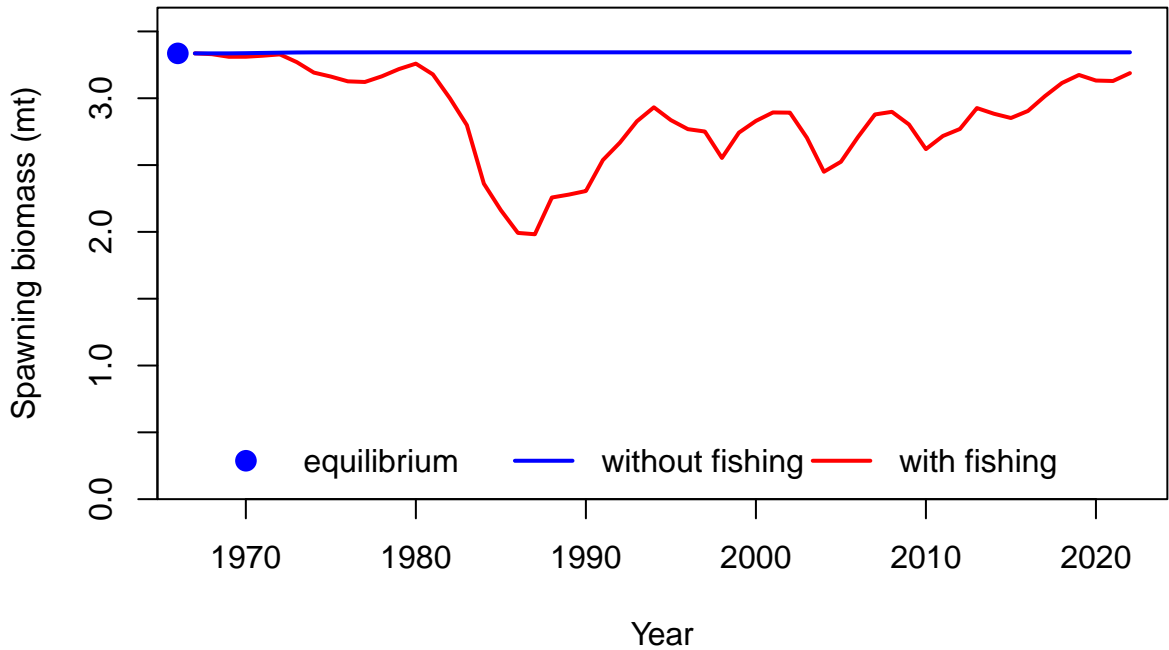


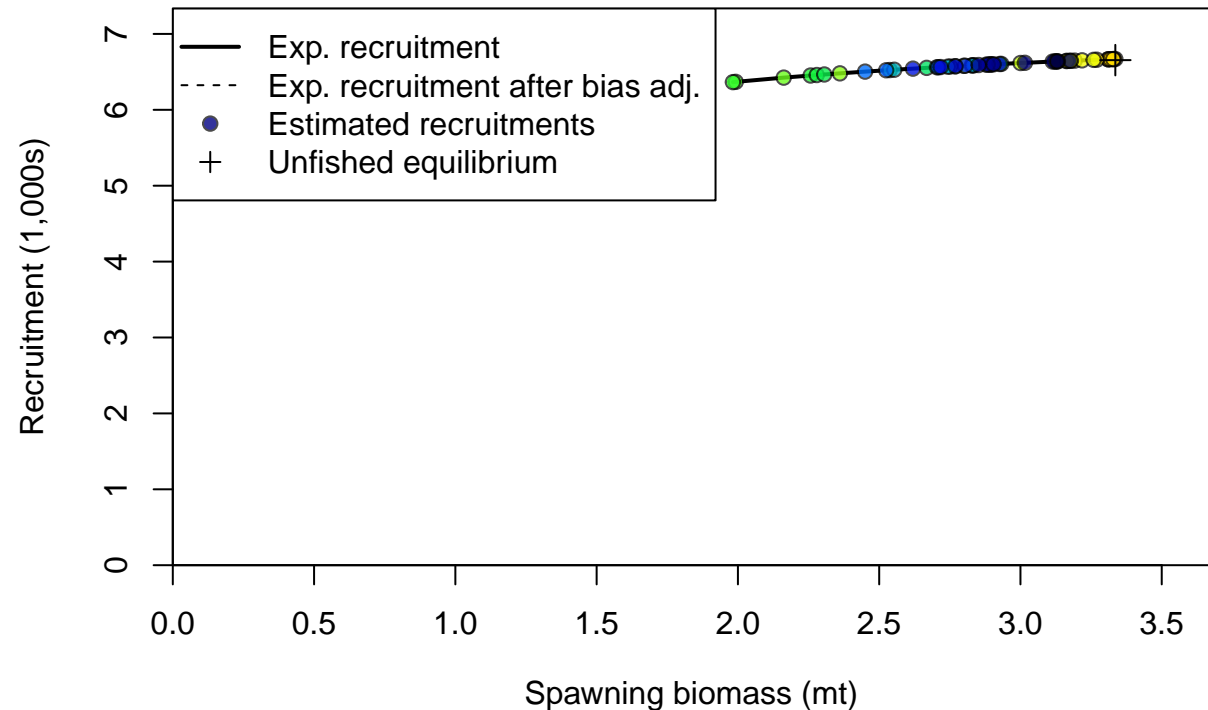


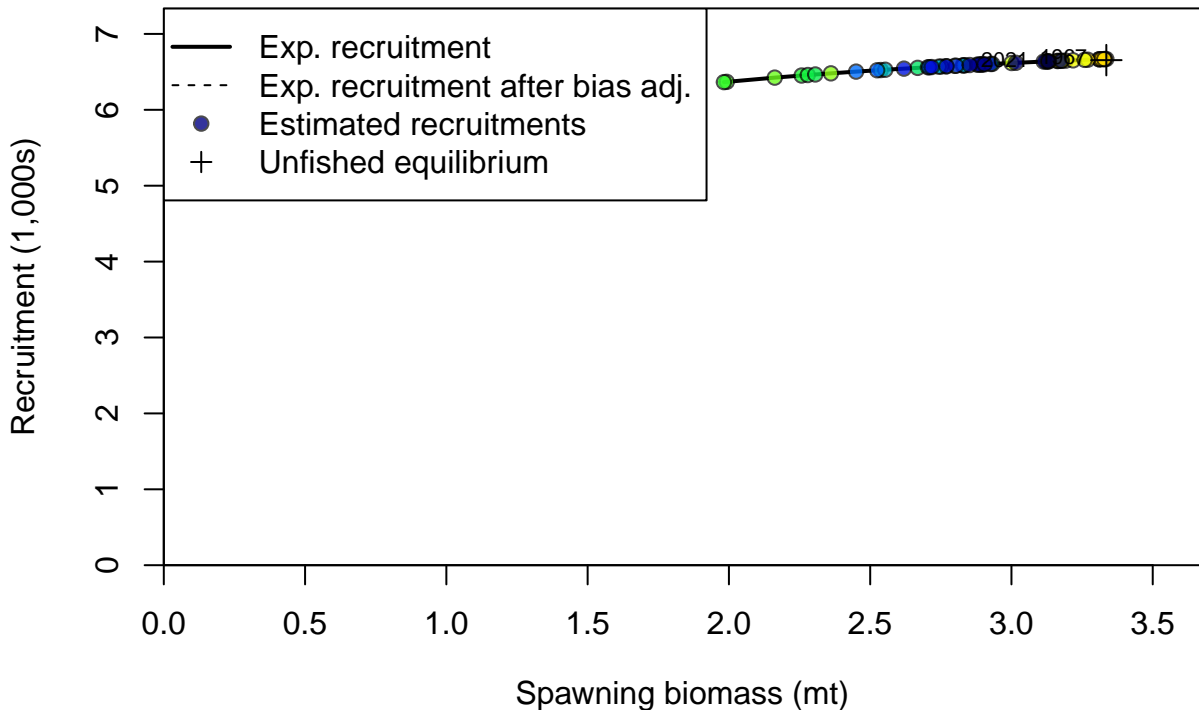


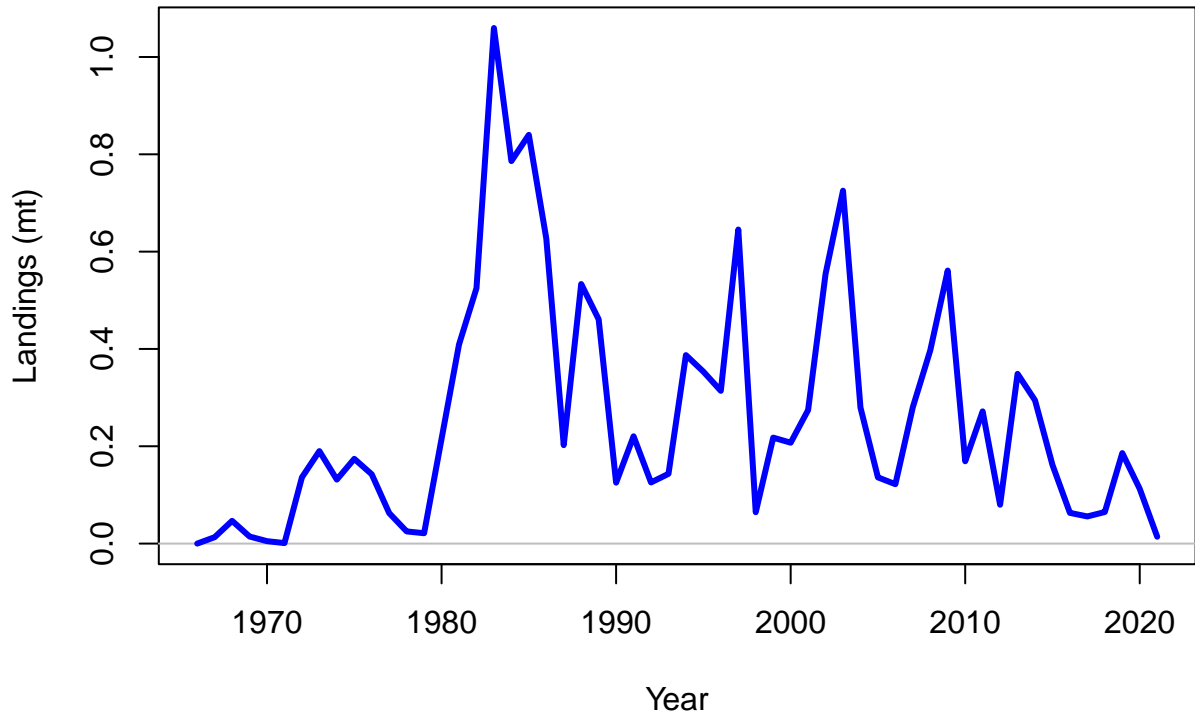
Summary Fishing Mortality

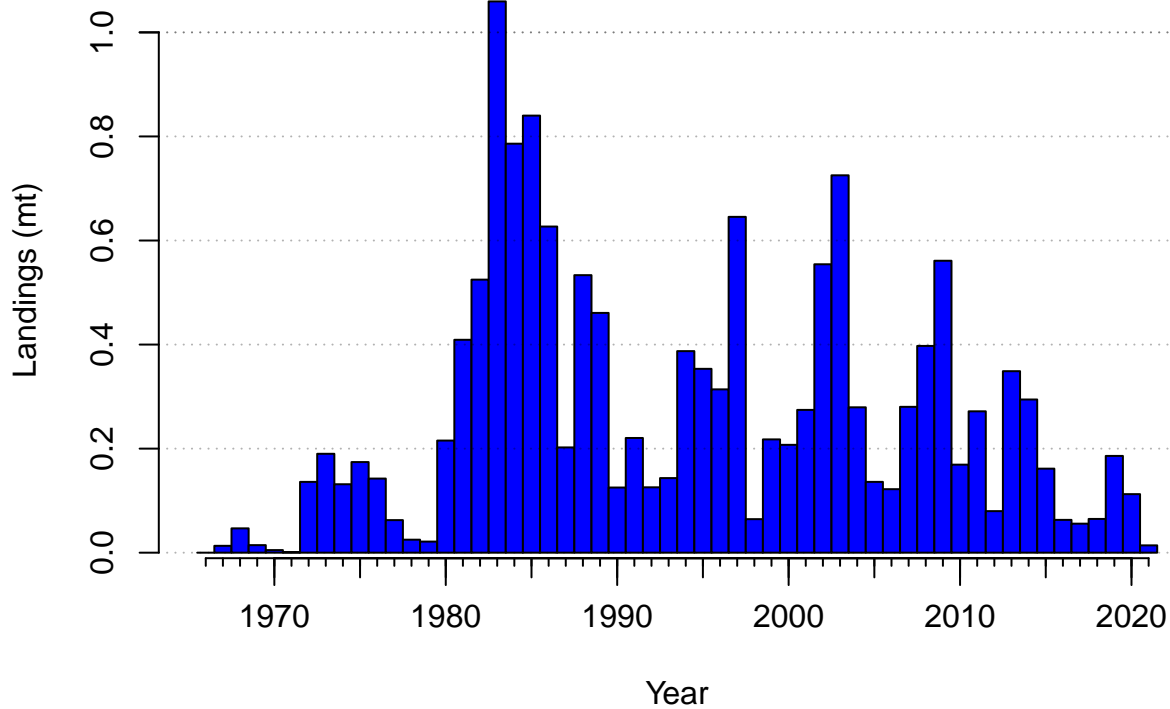


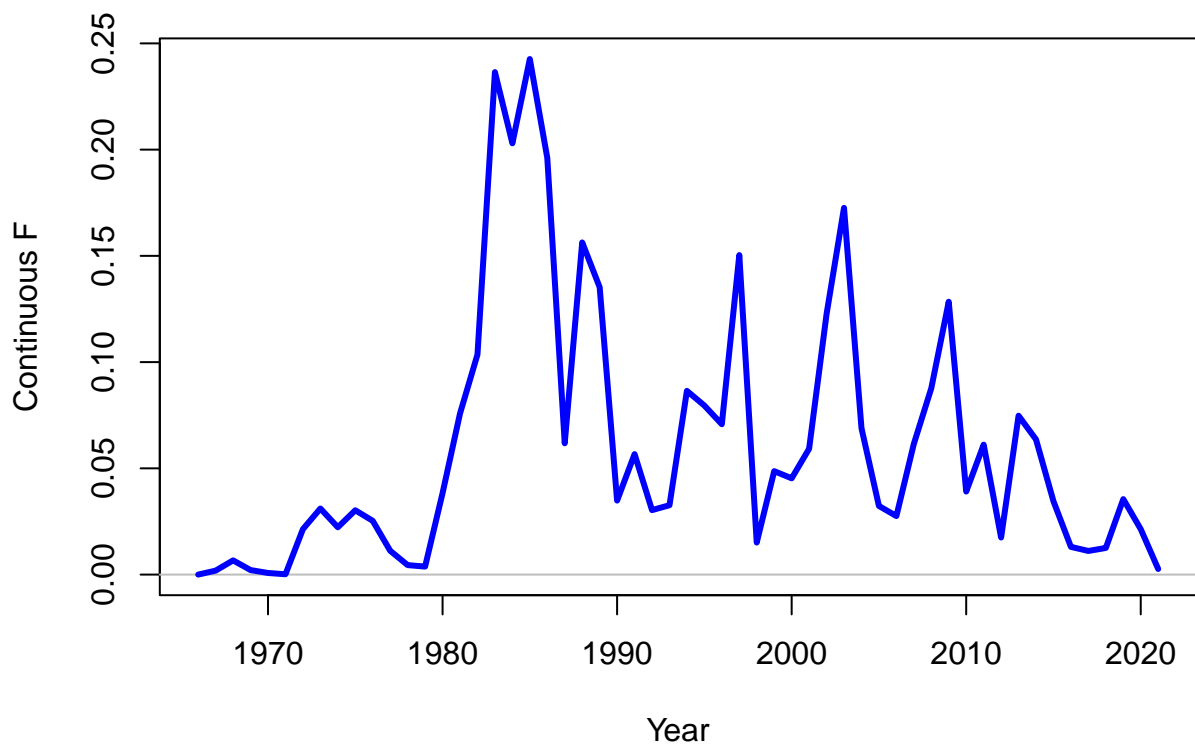




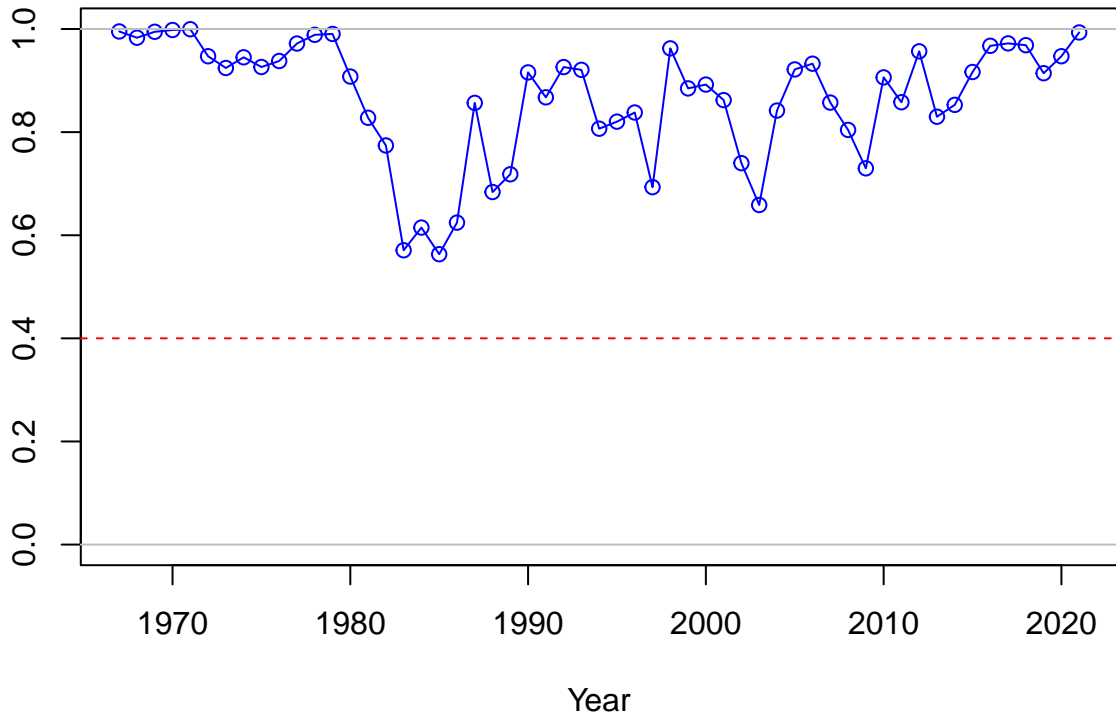


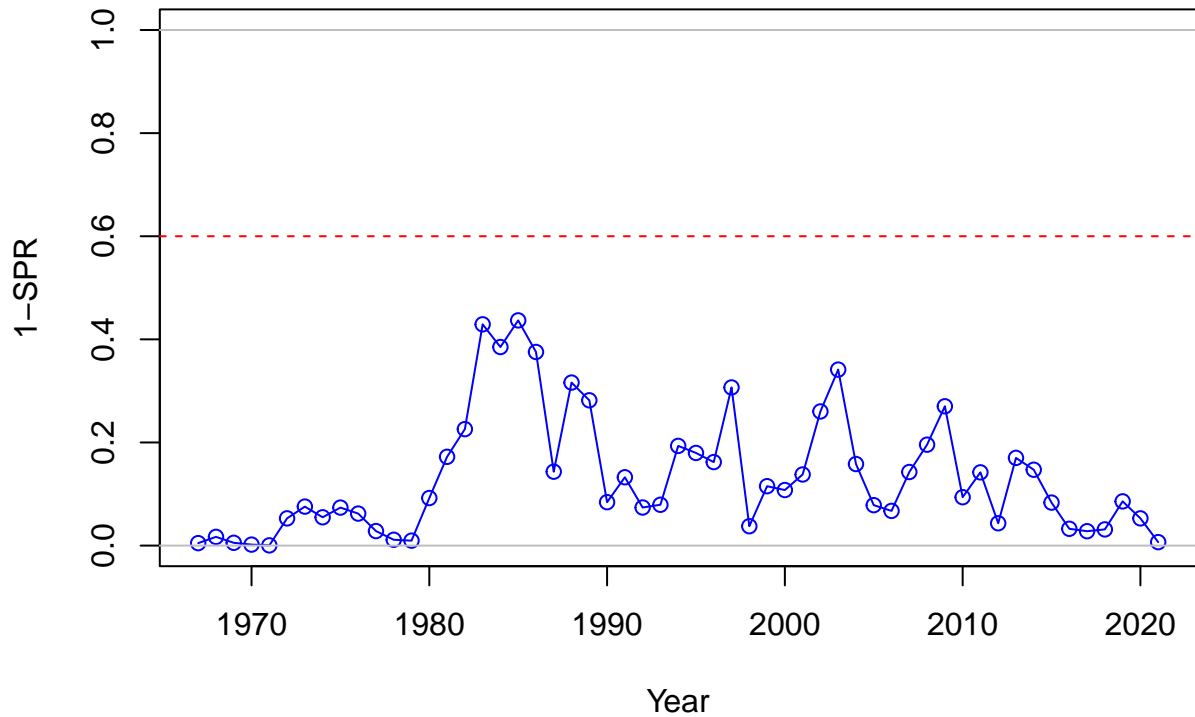




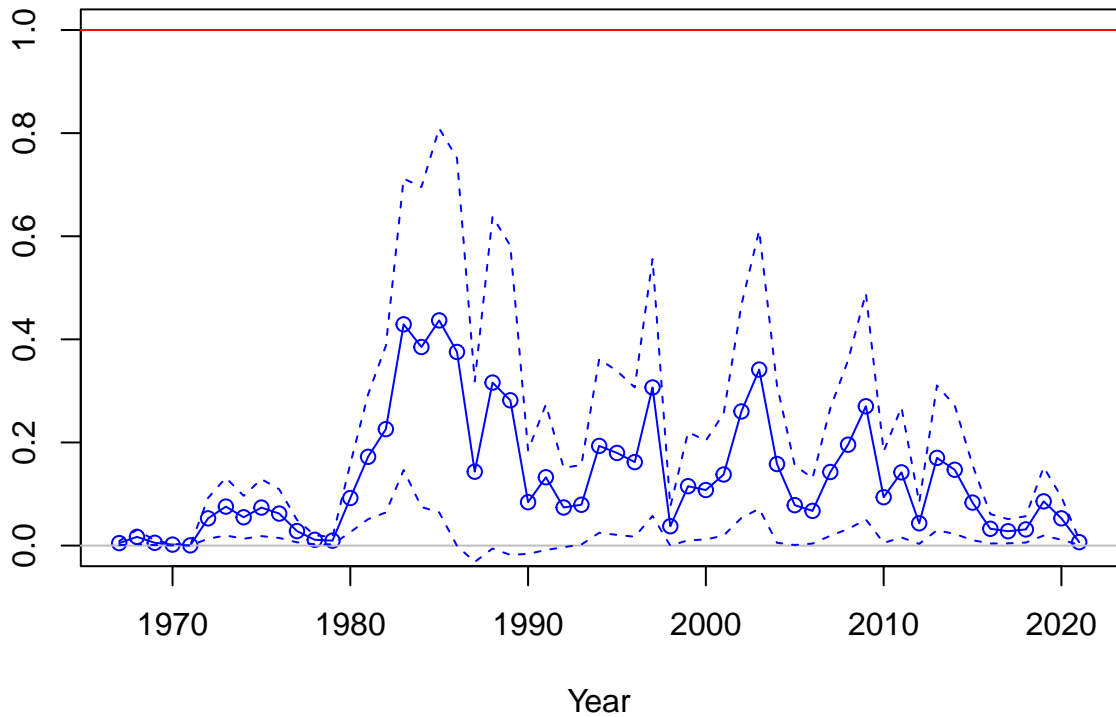


SPR

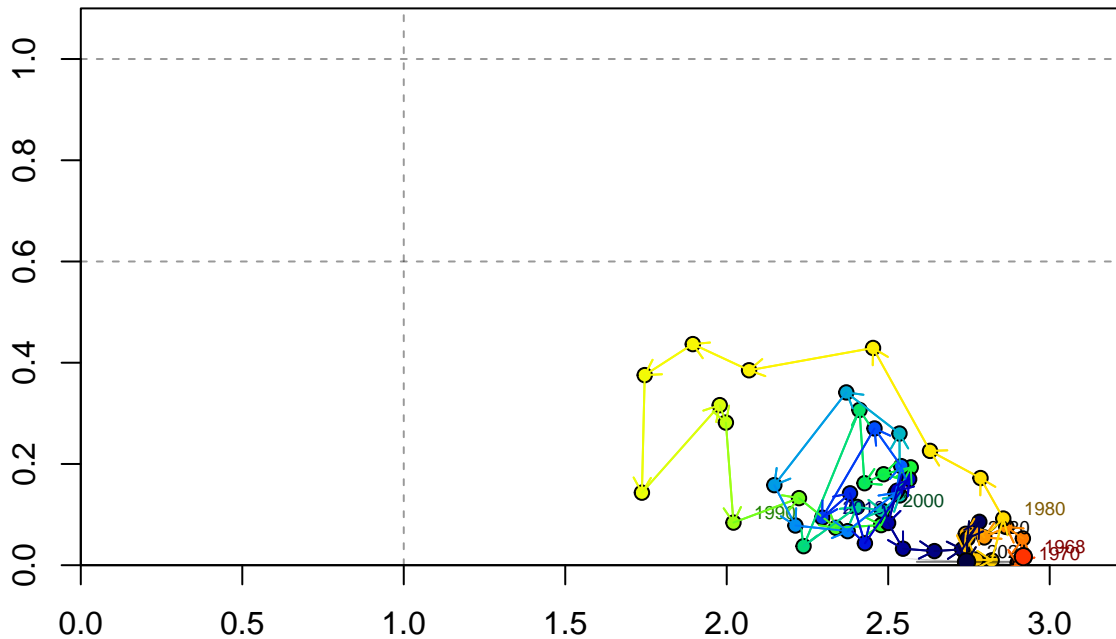




Fishing intensity: 1-SPR



Fishing intensity: 1-SPR



Relative spawning output: B/B_{MSY}

Index

8
6
4
2
0

1990

1995

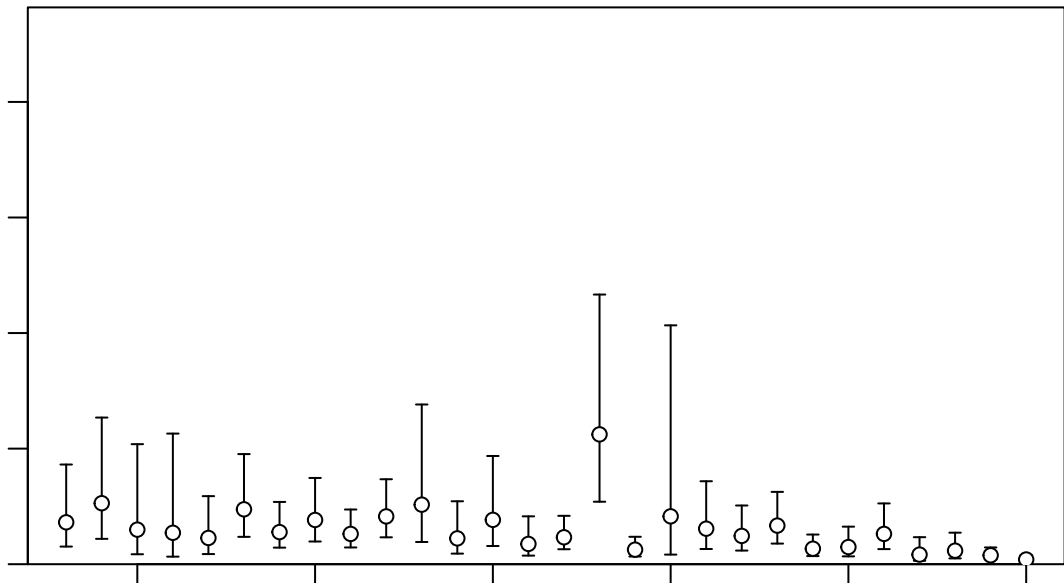
2000

2005

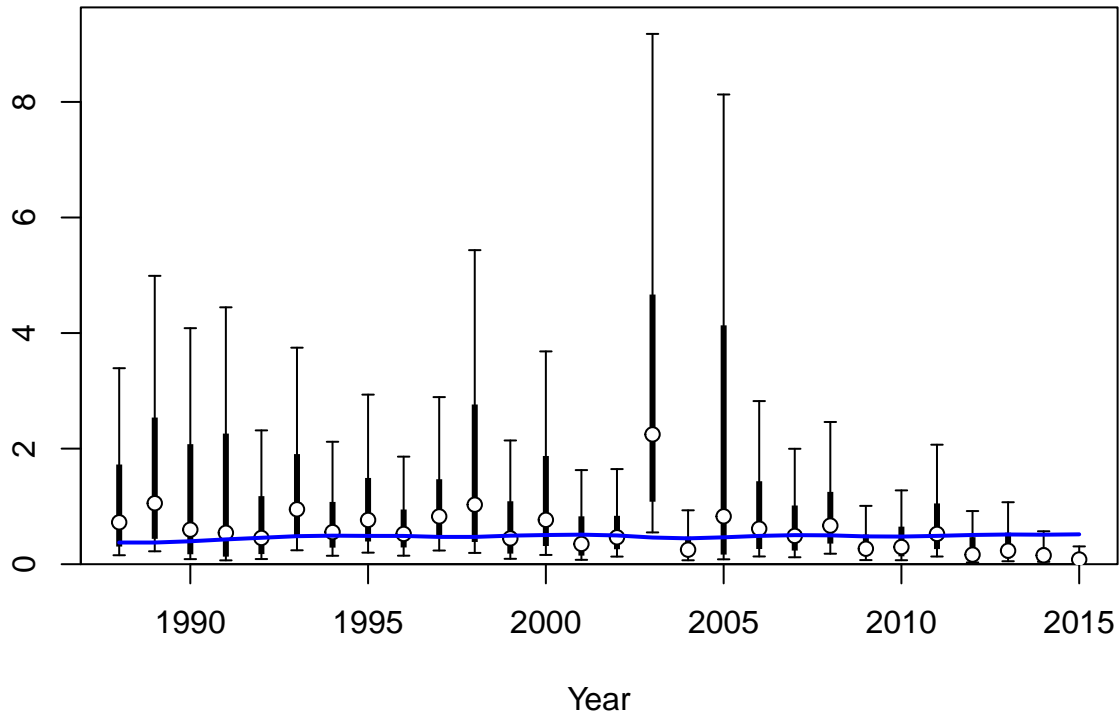
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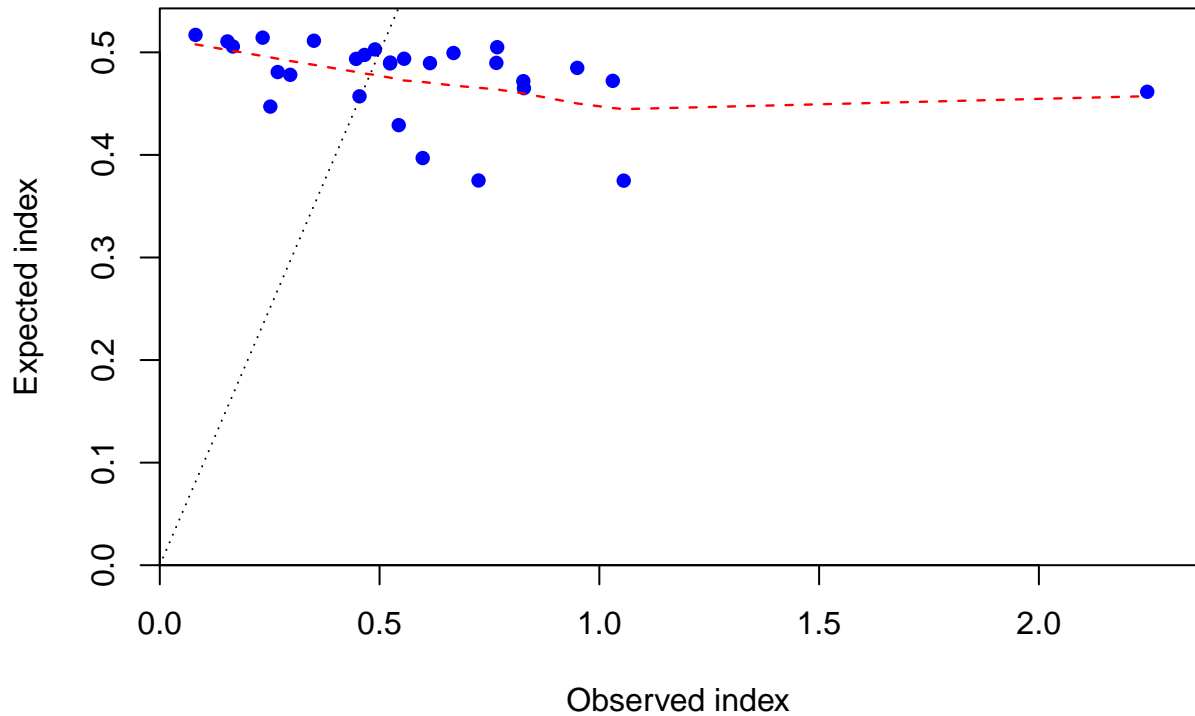
2015

Year

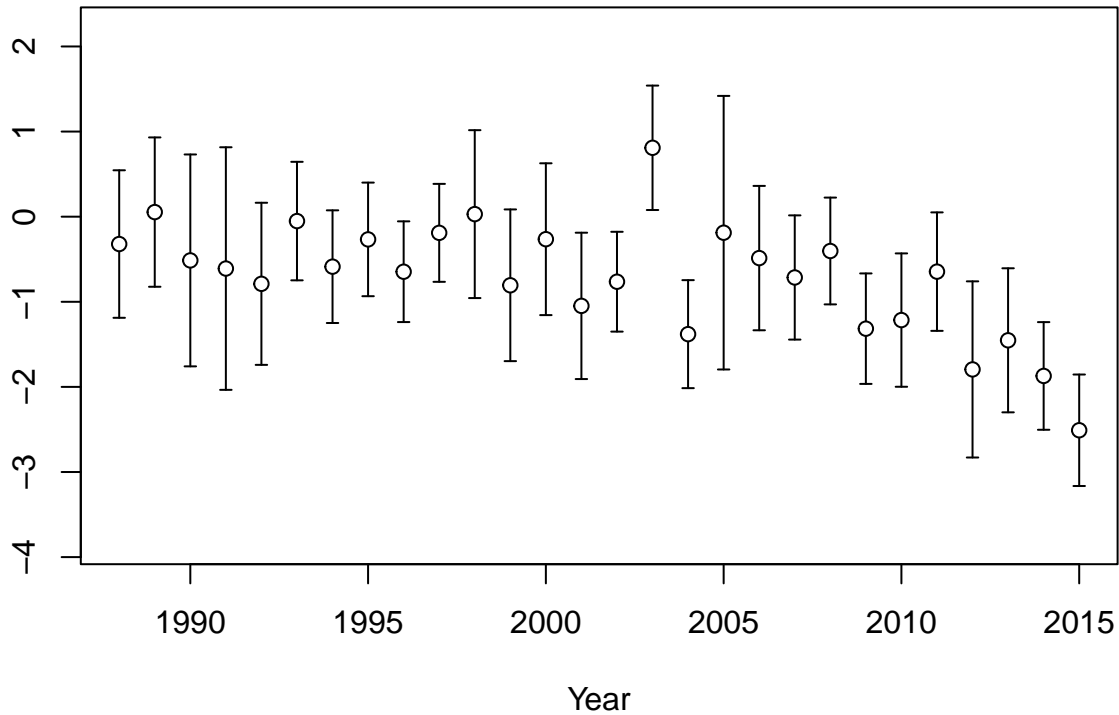


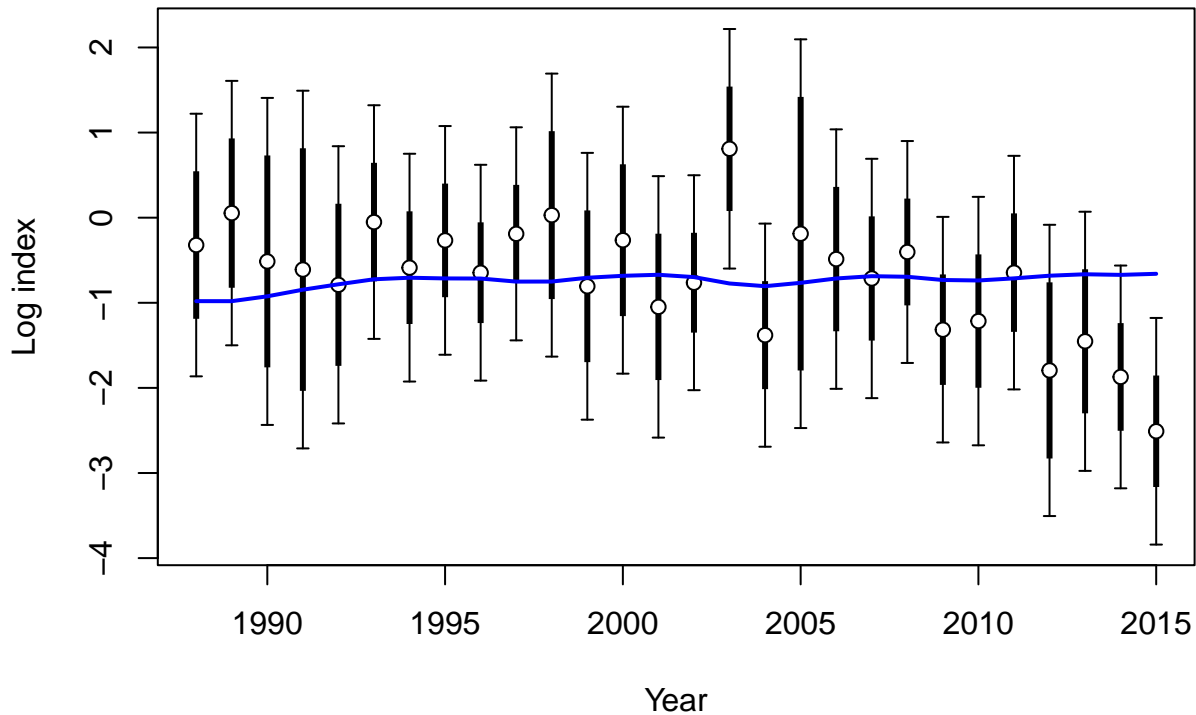
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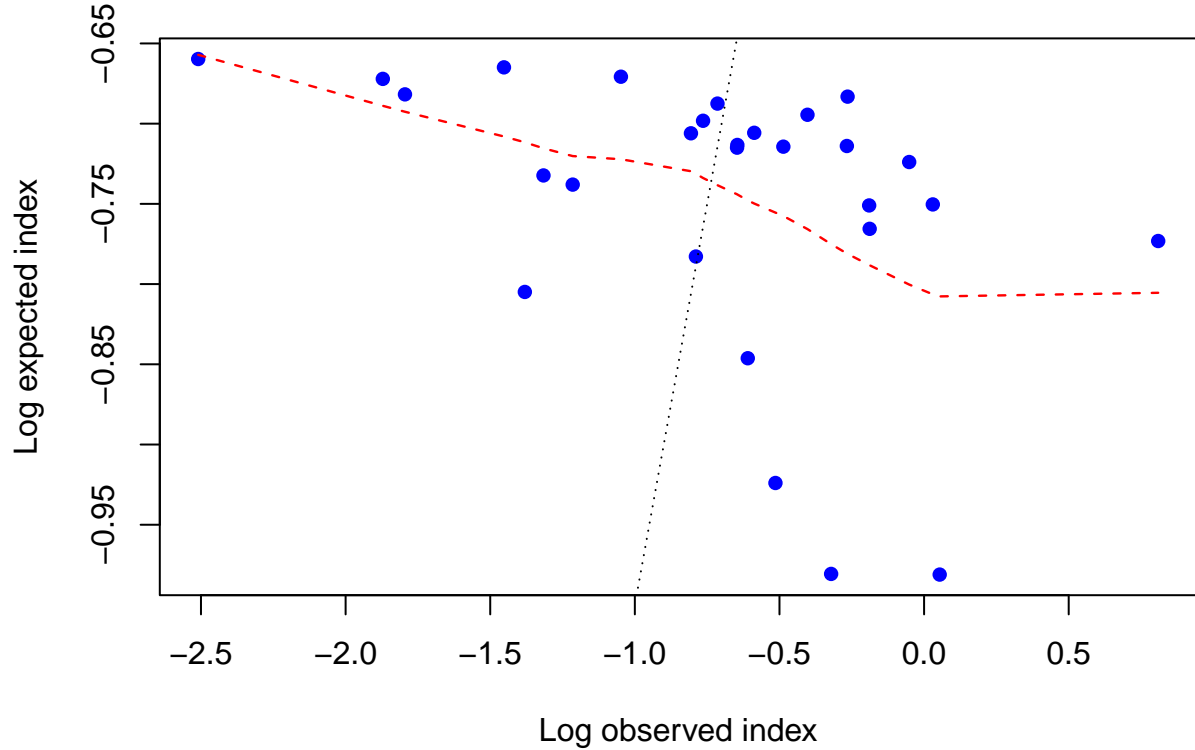


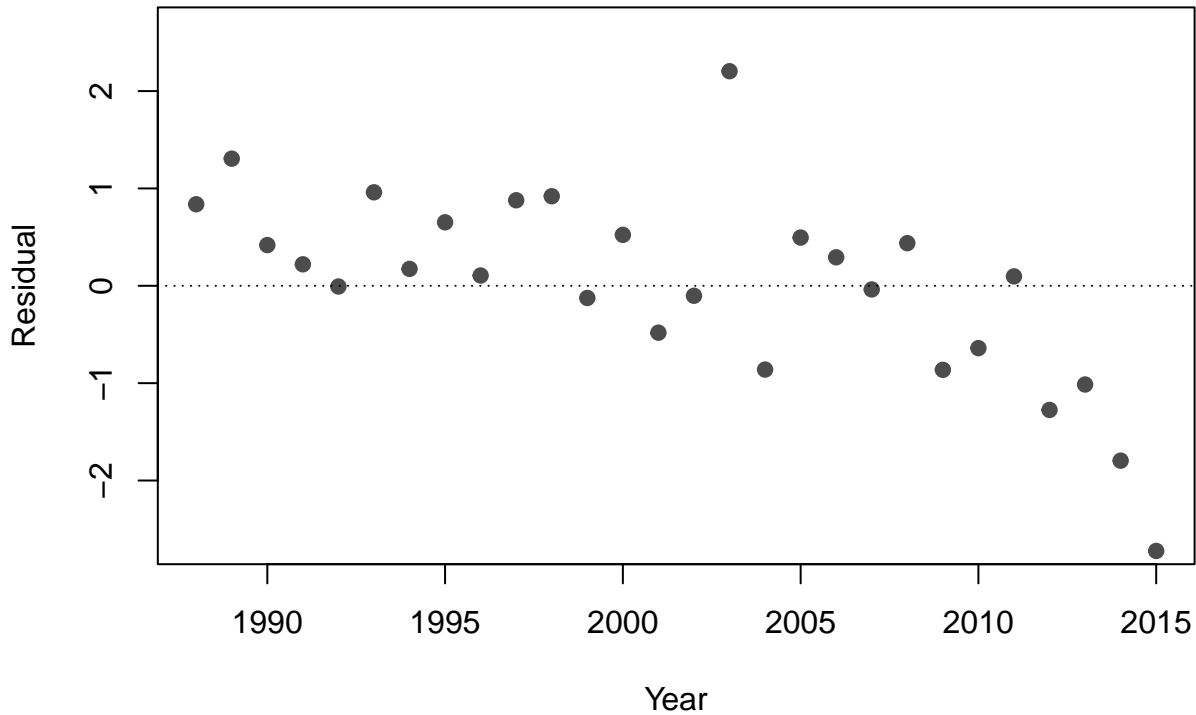


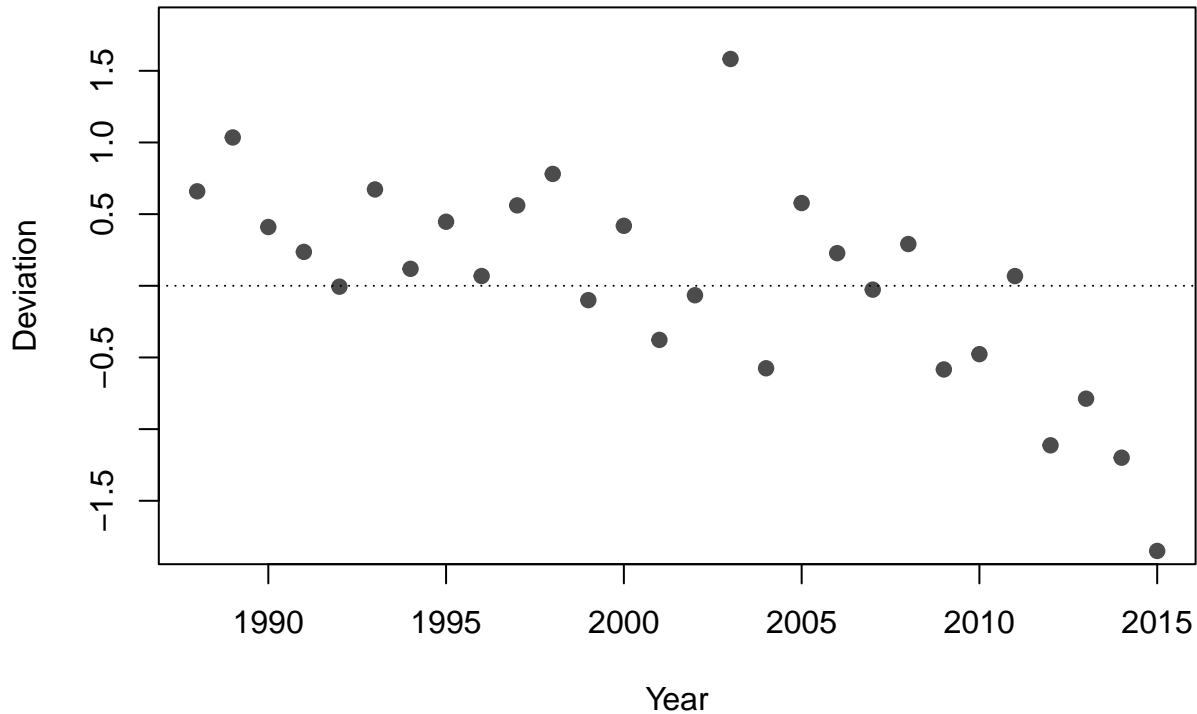
Log index



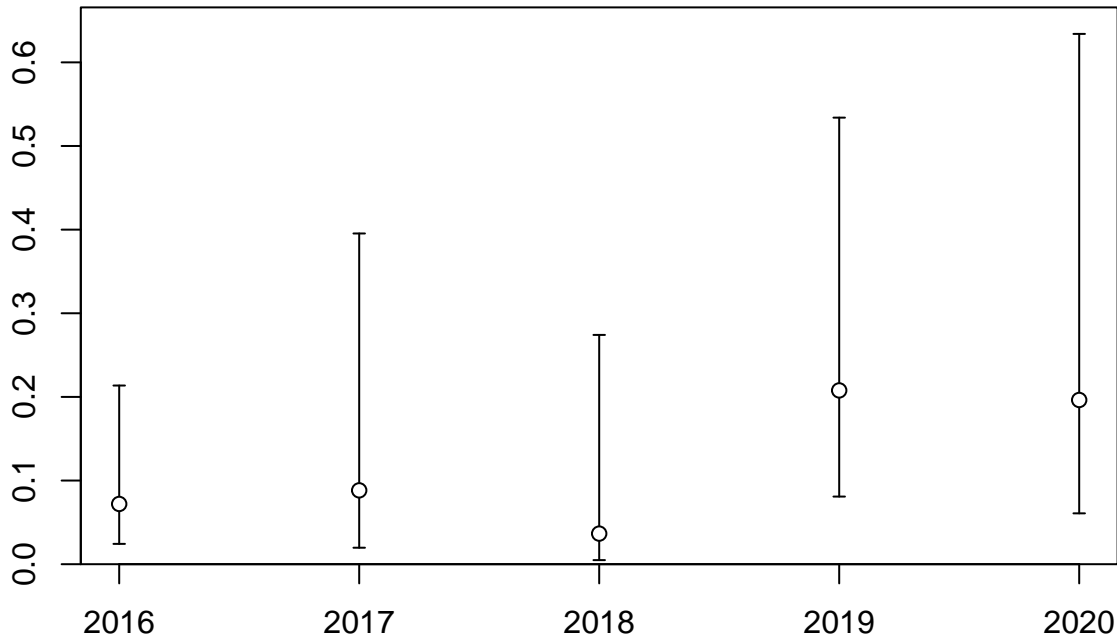




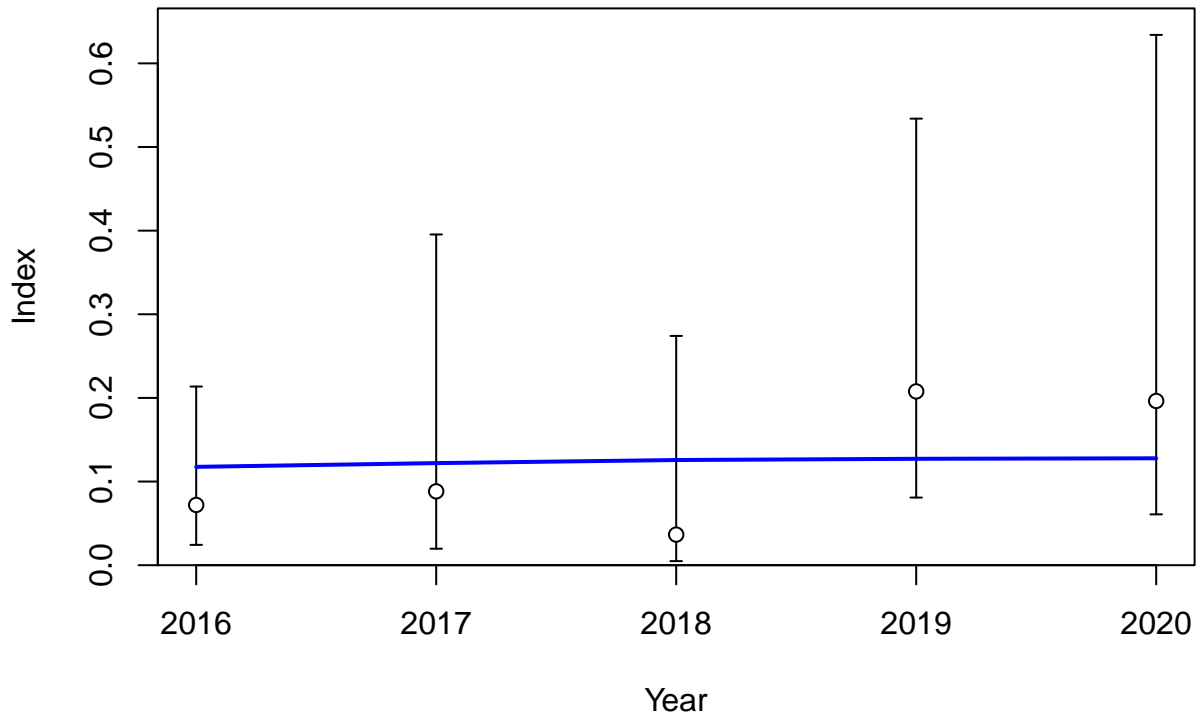


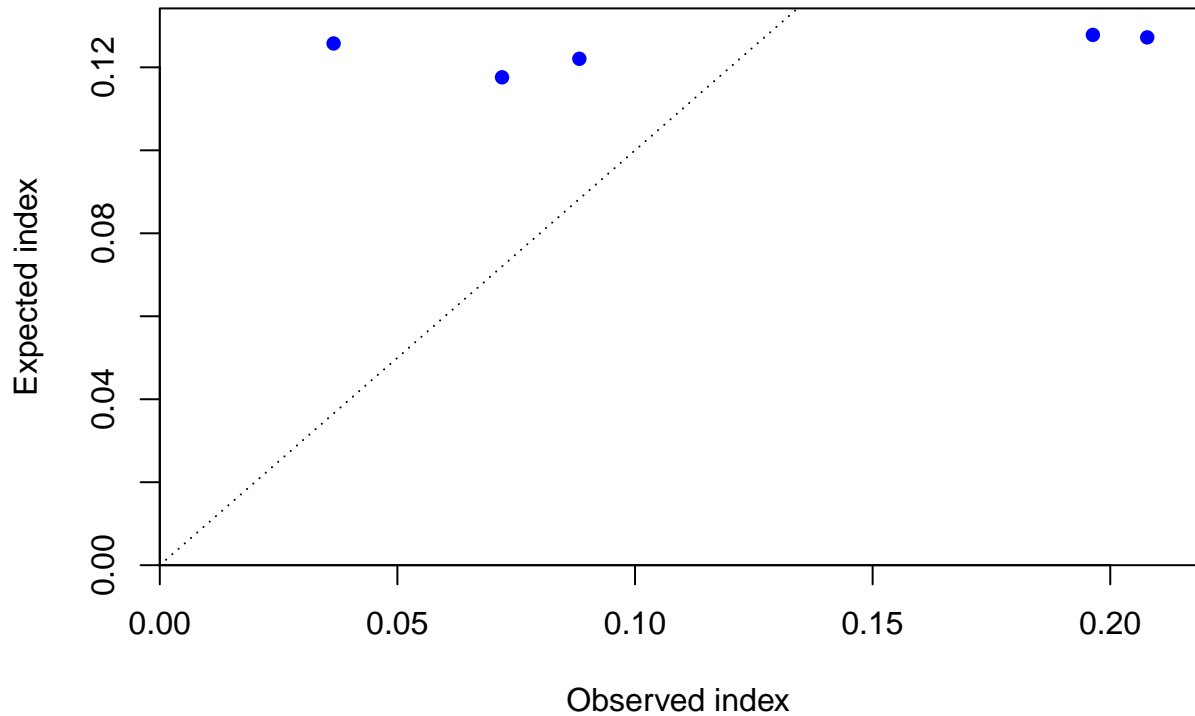


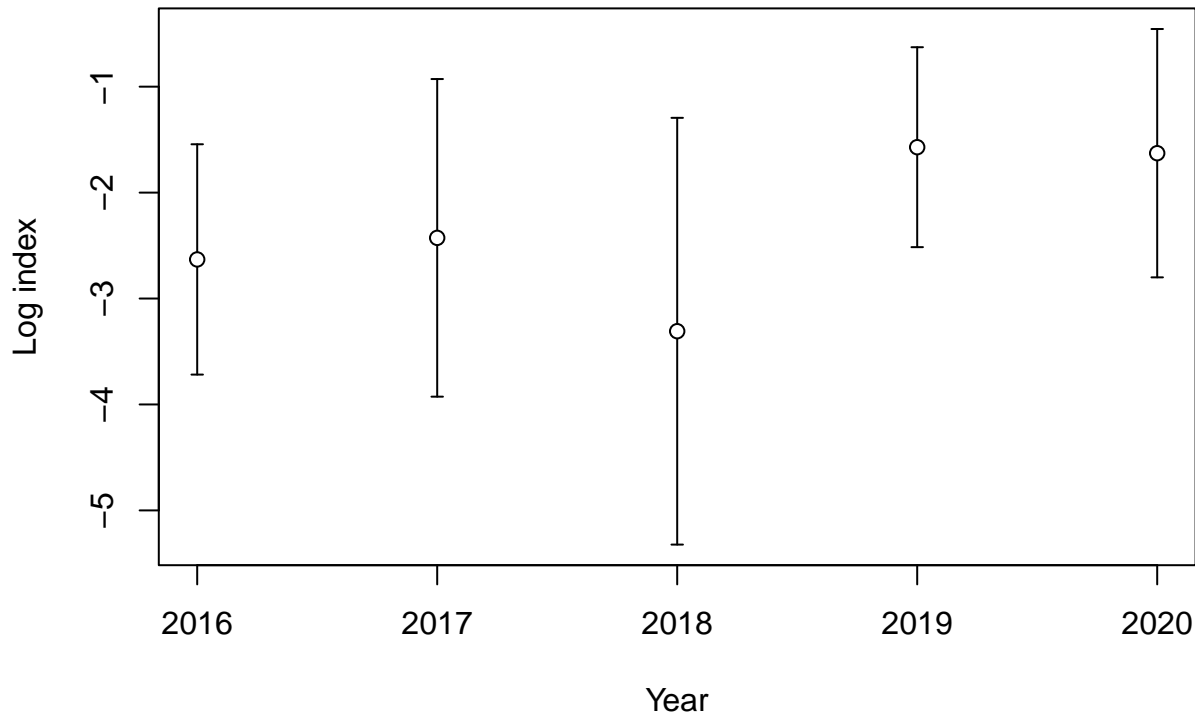
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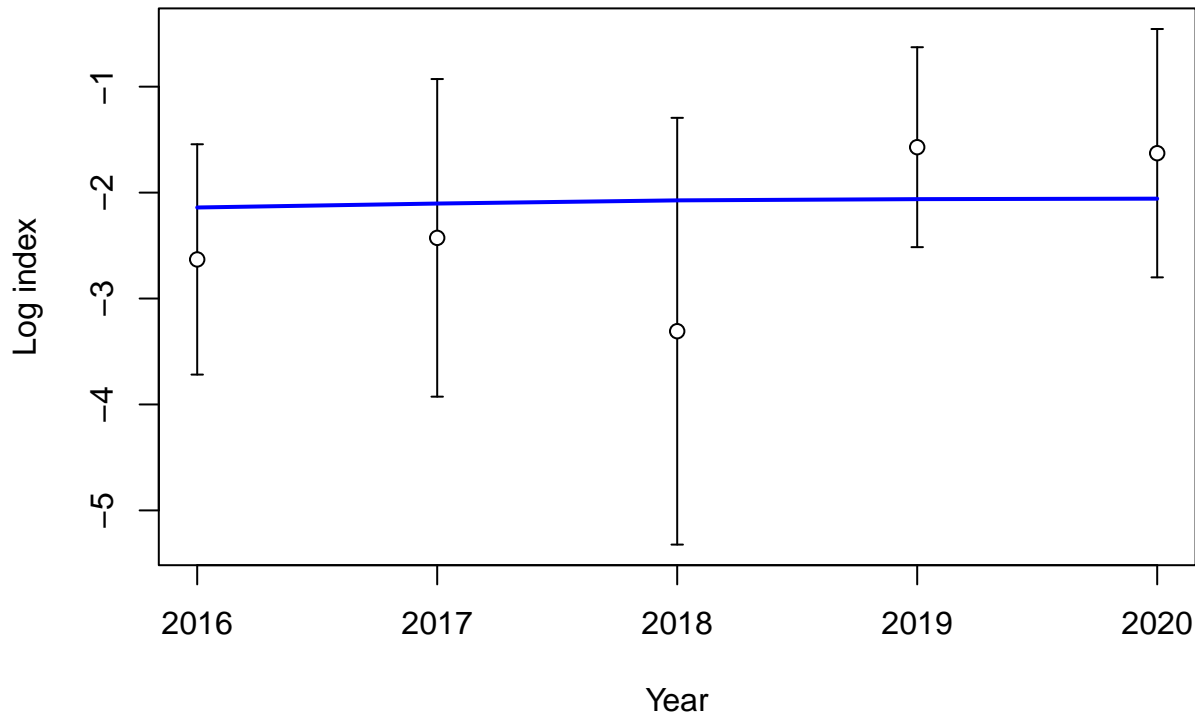


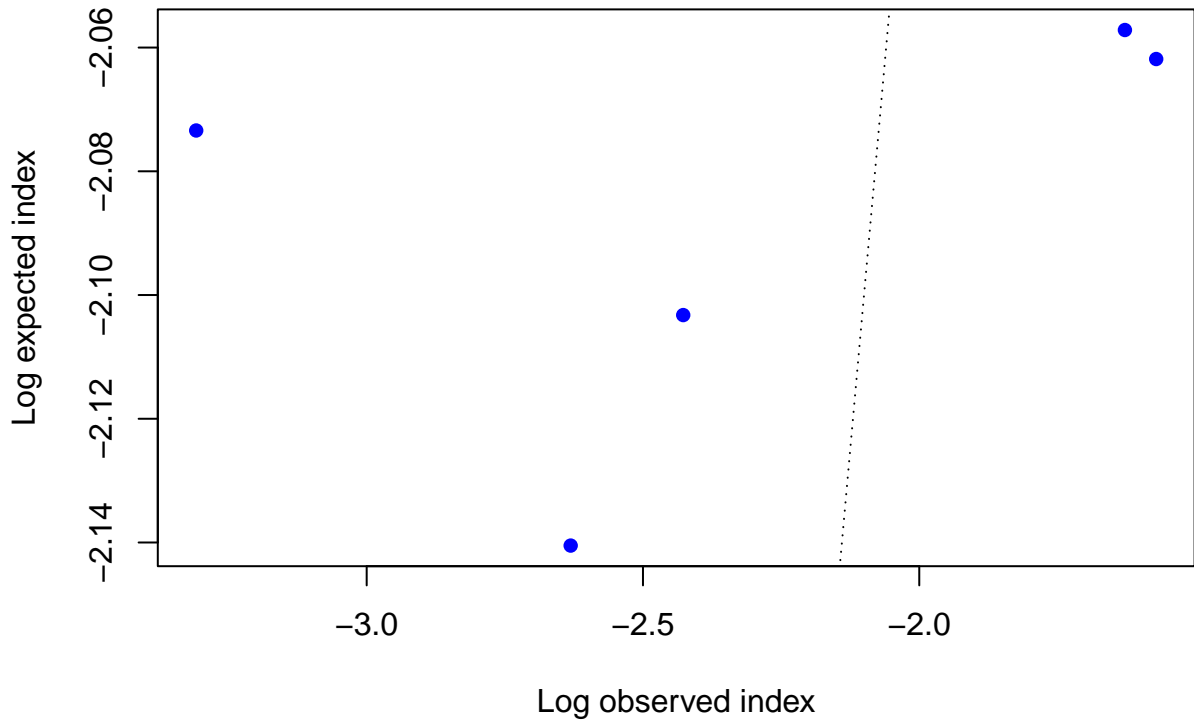
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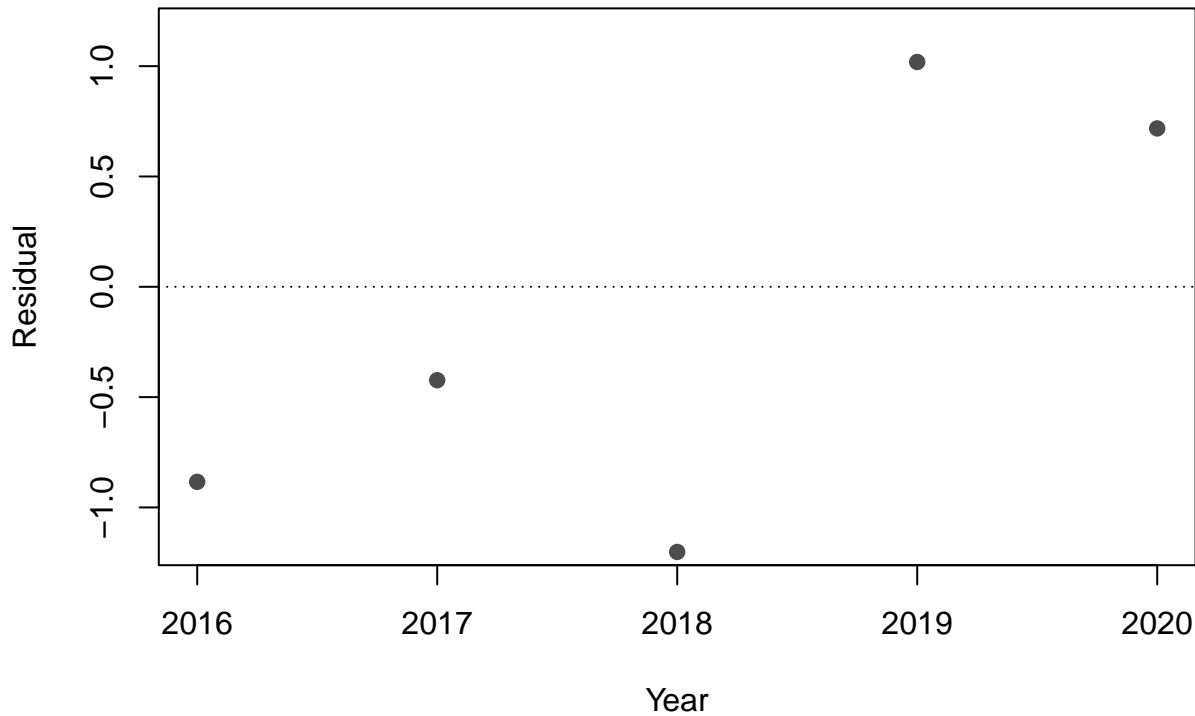


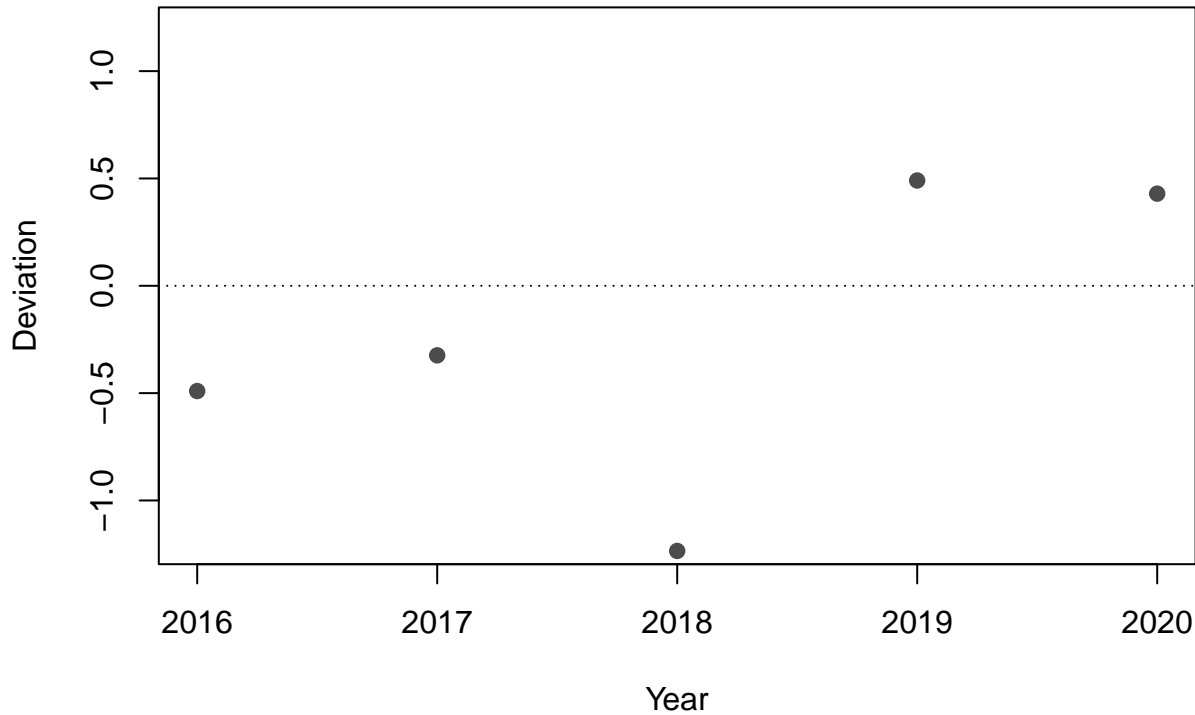


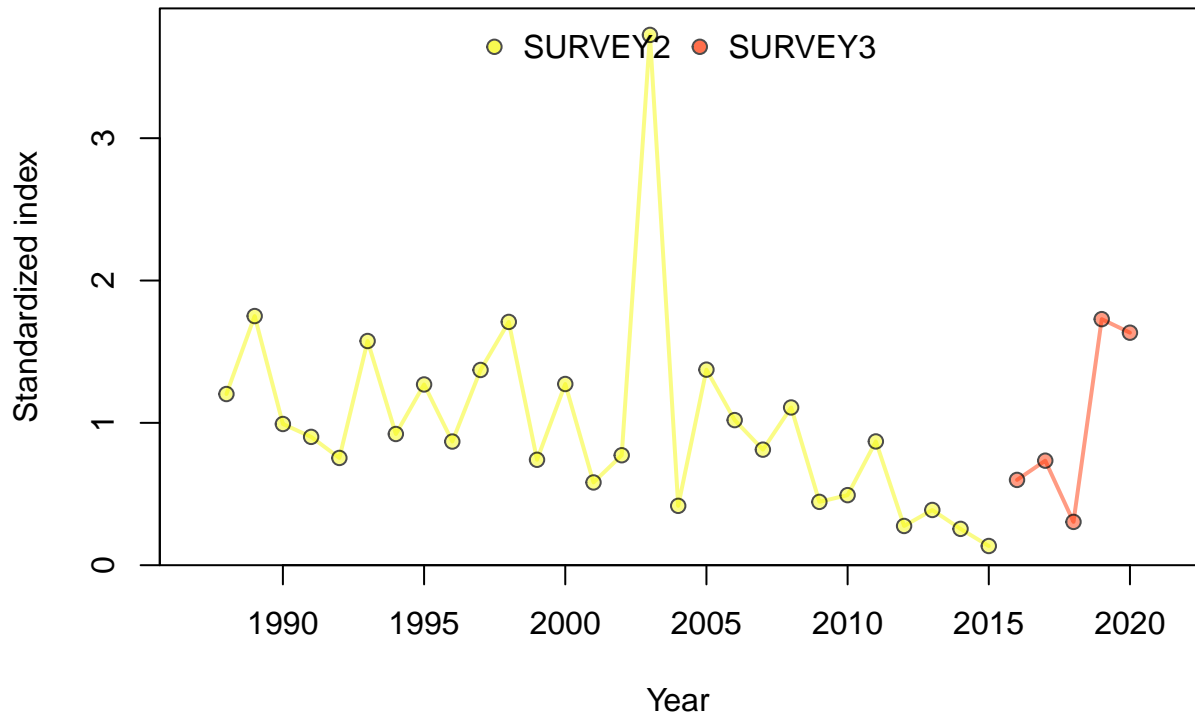


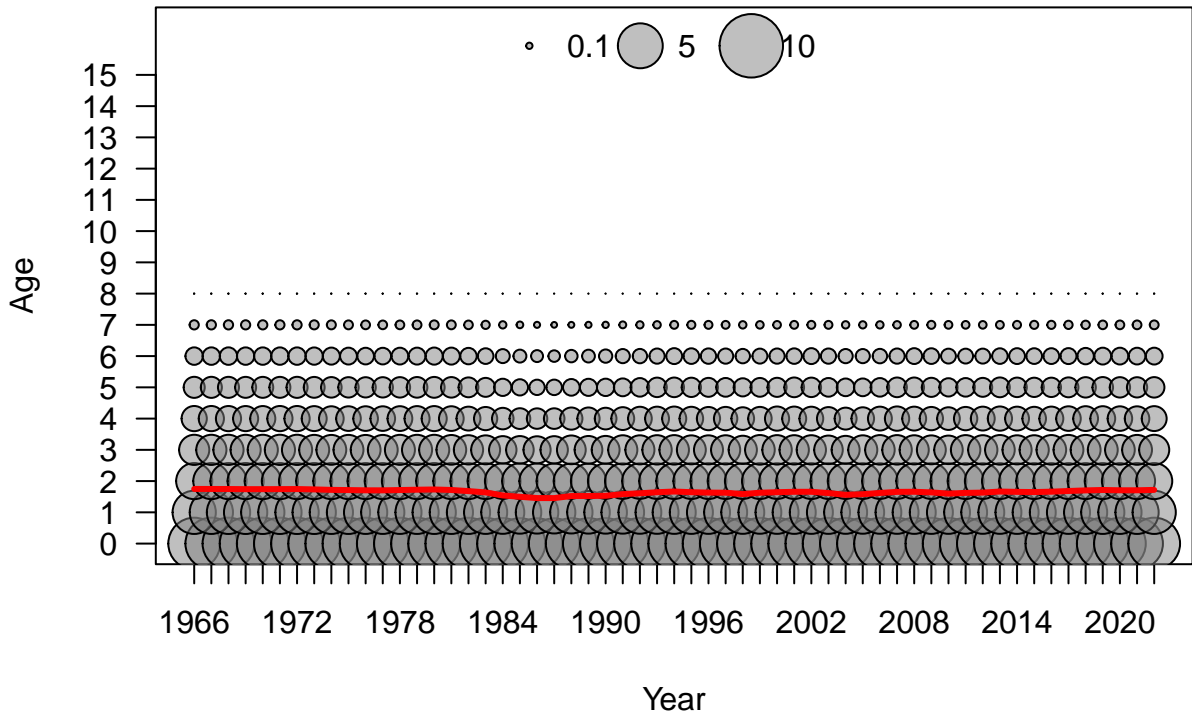


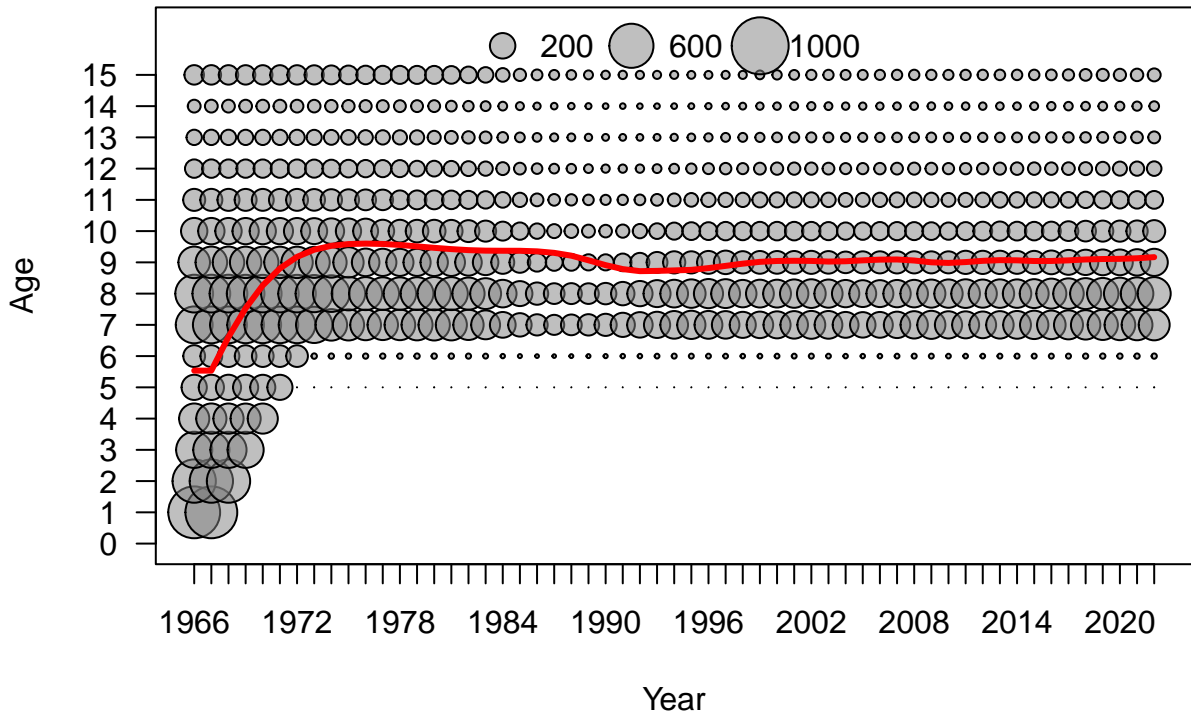


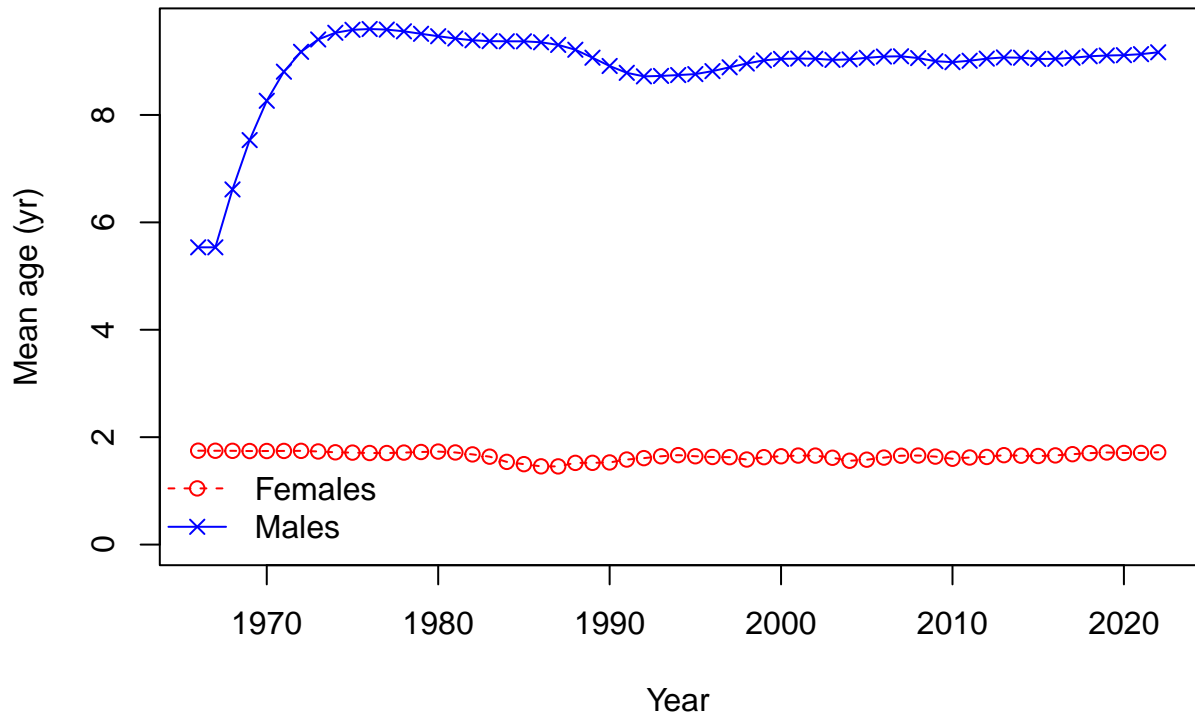




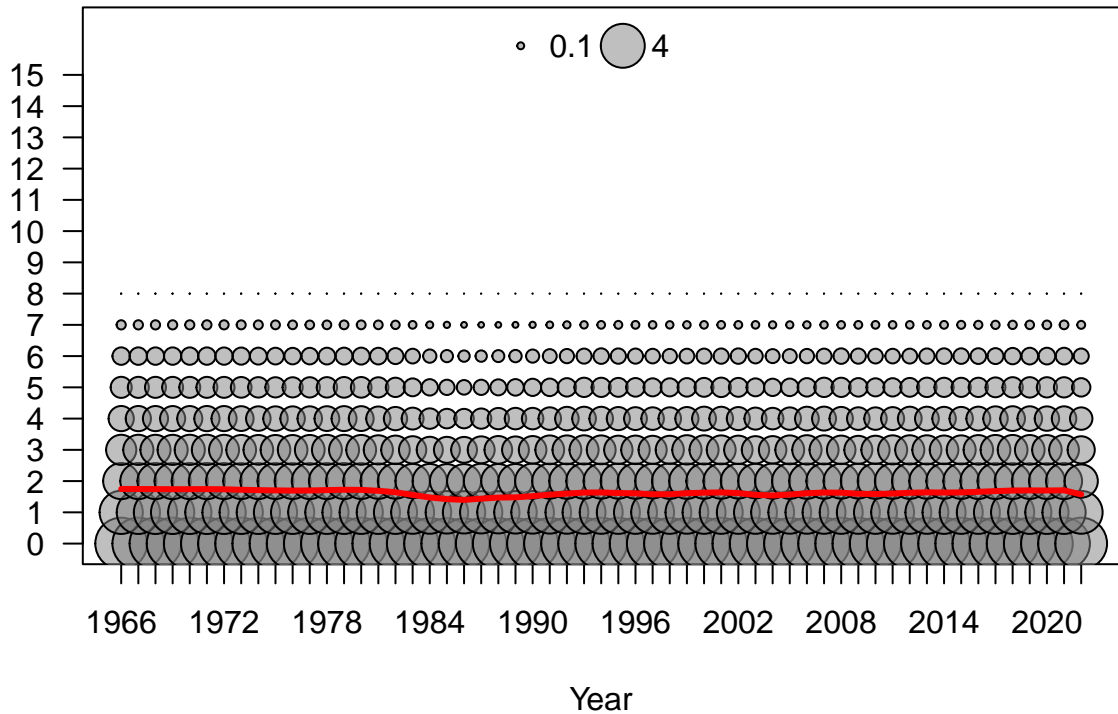


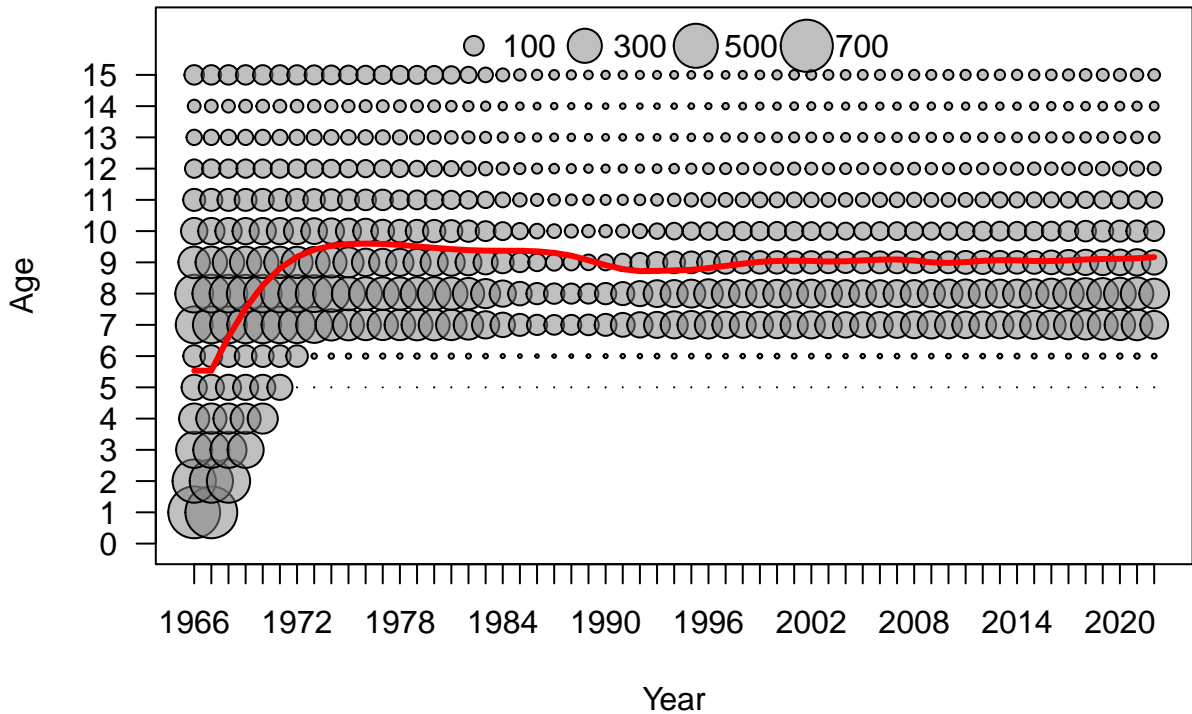


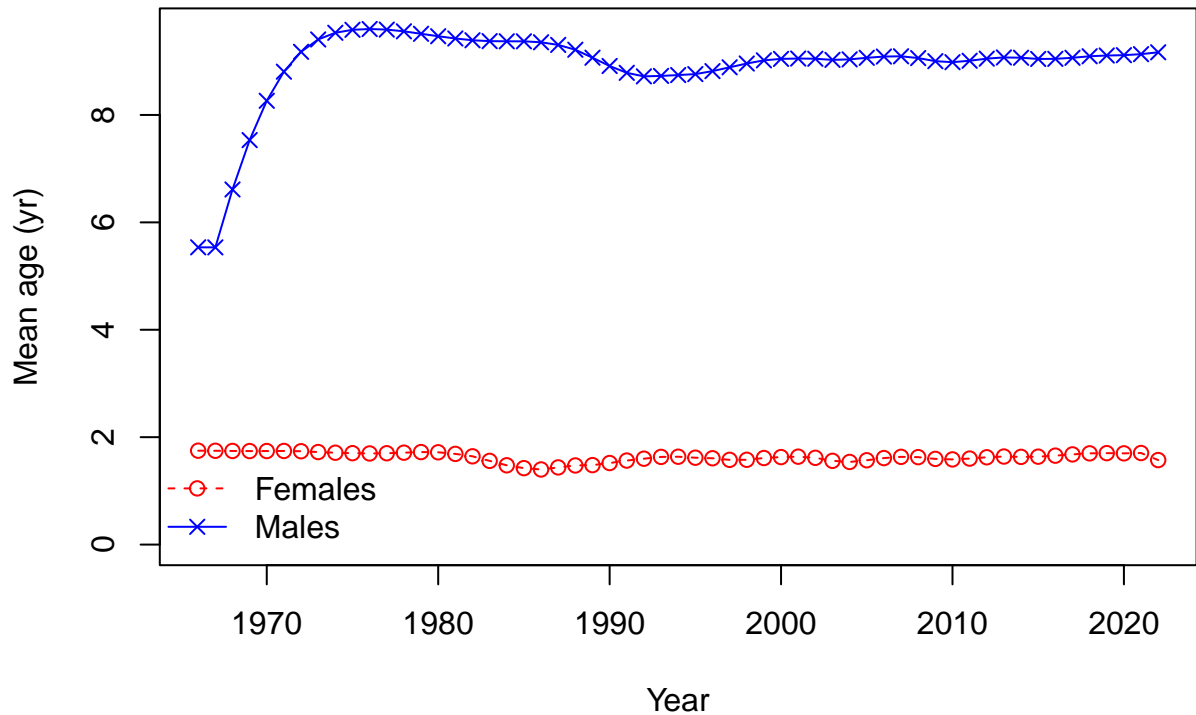




Age







Age

0
2
4
6
8
10
12
14

1970

1980

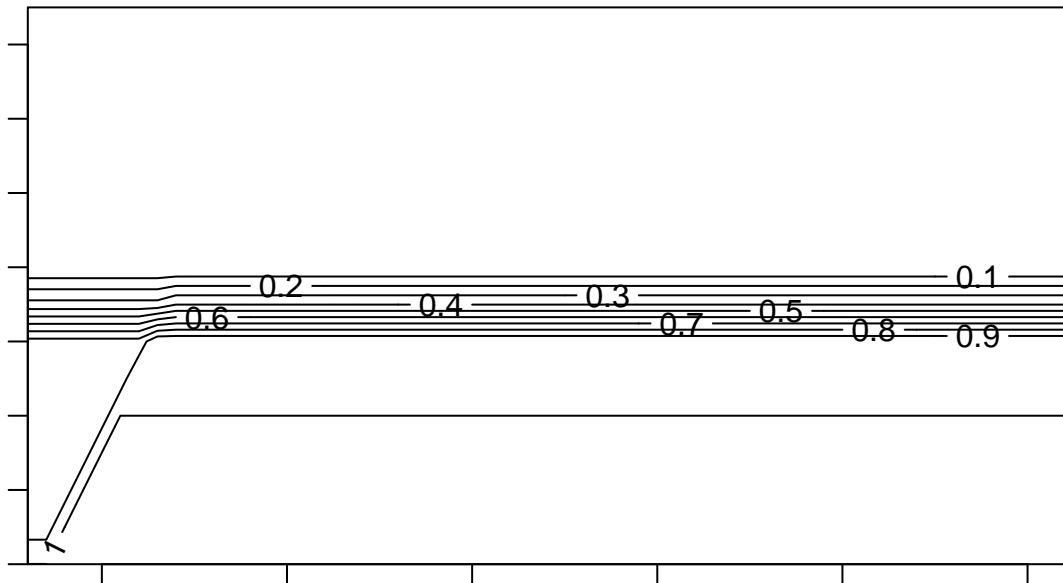
1990

2000

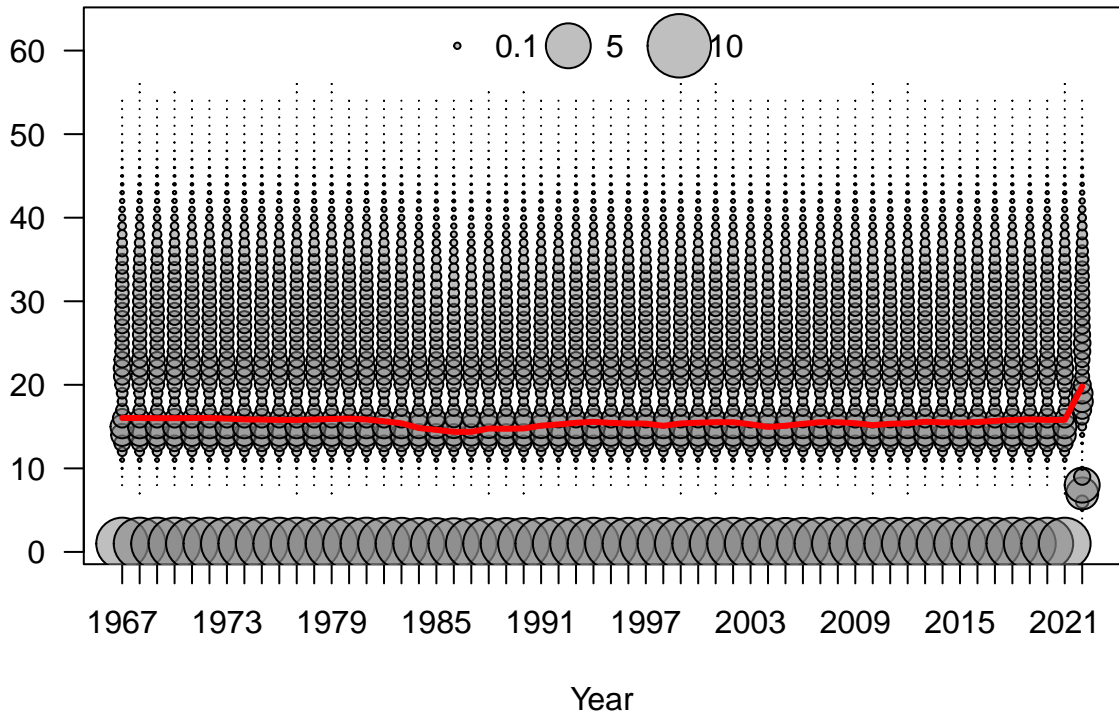
2010

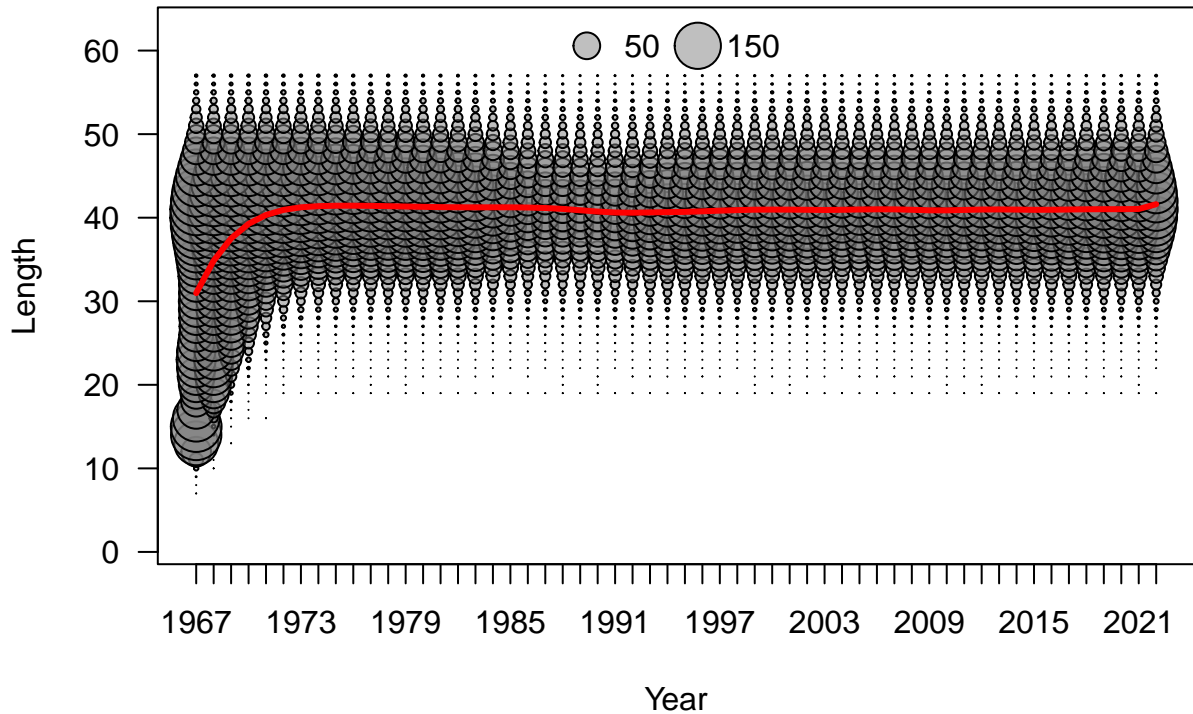
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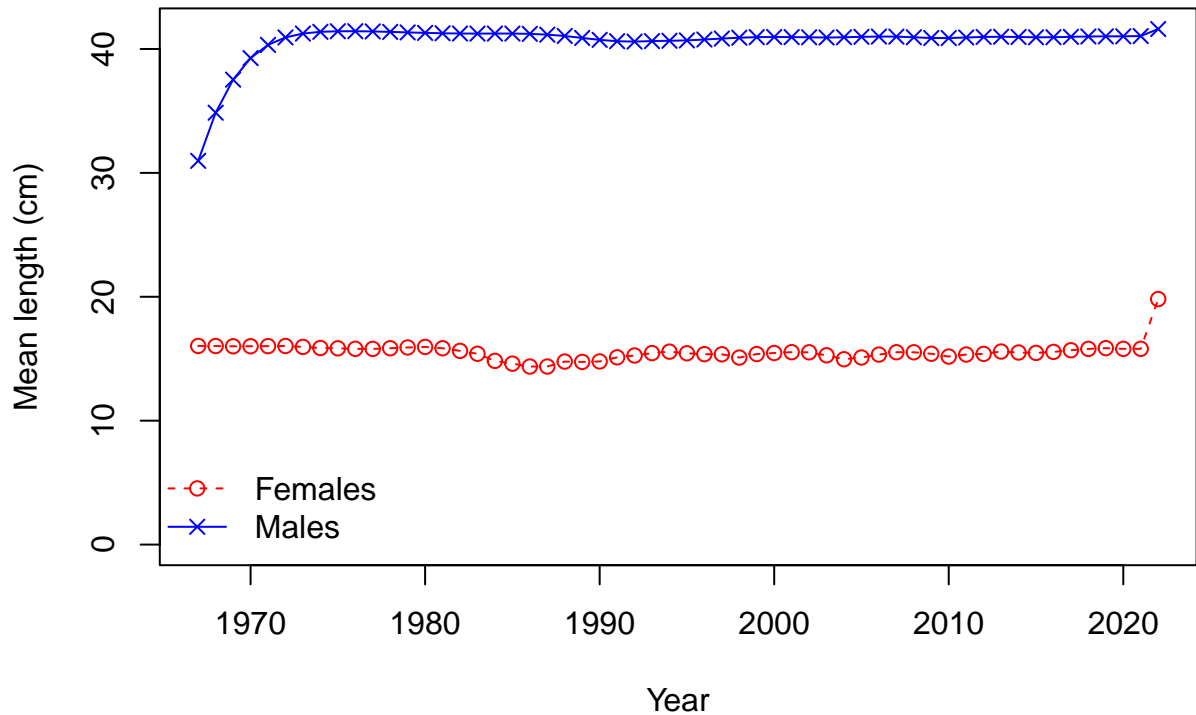
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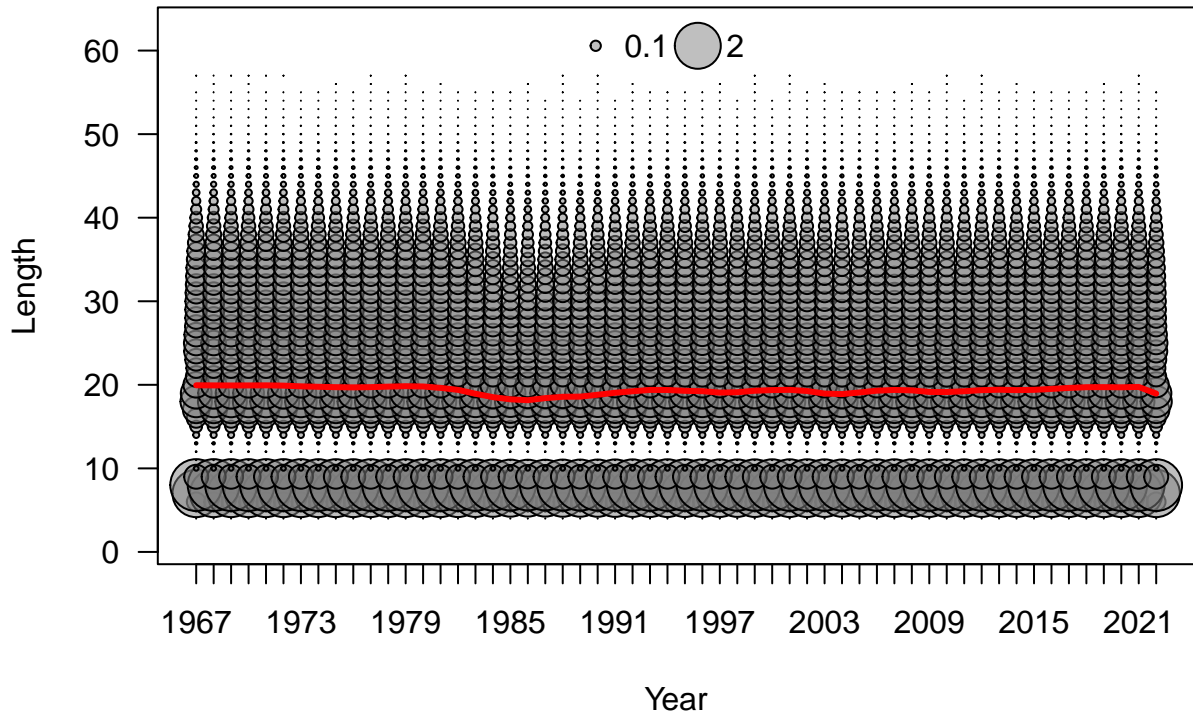


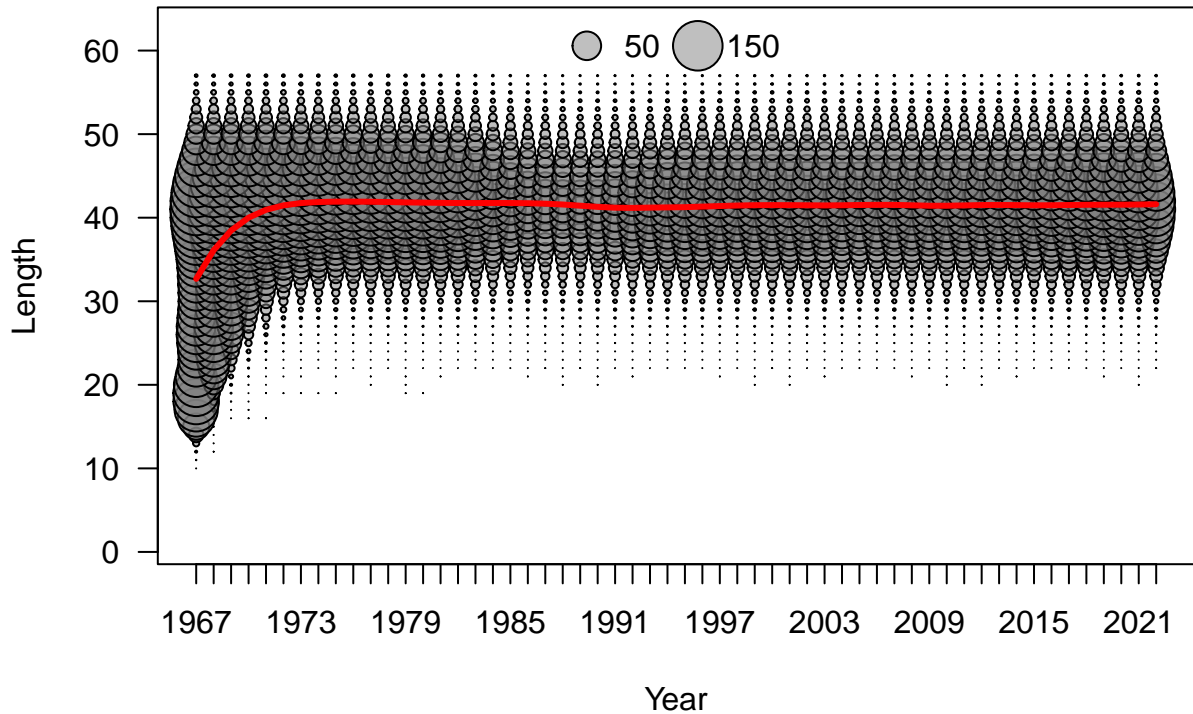
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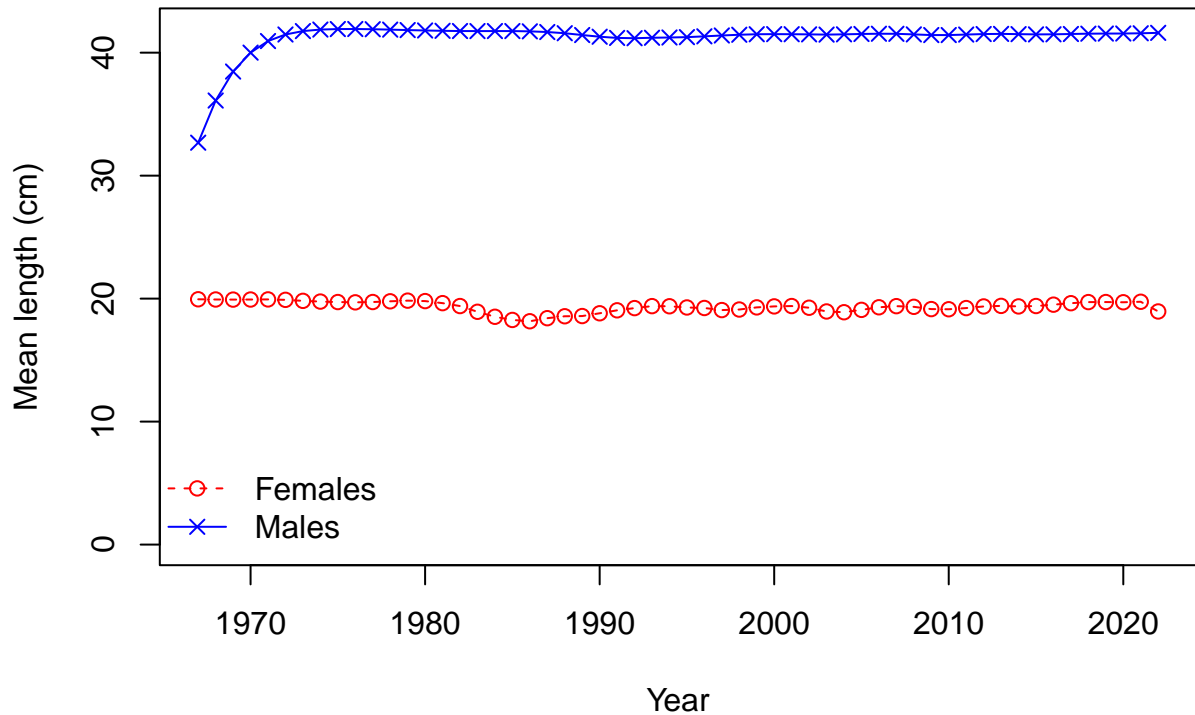




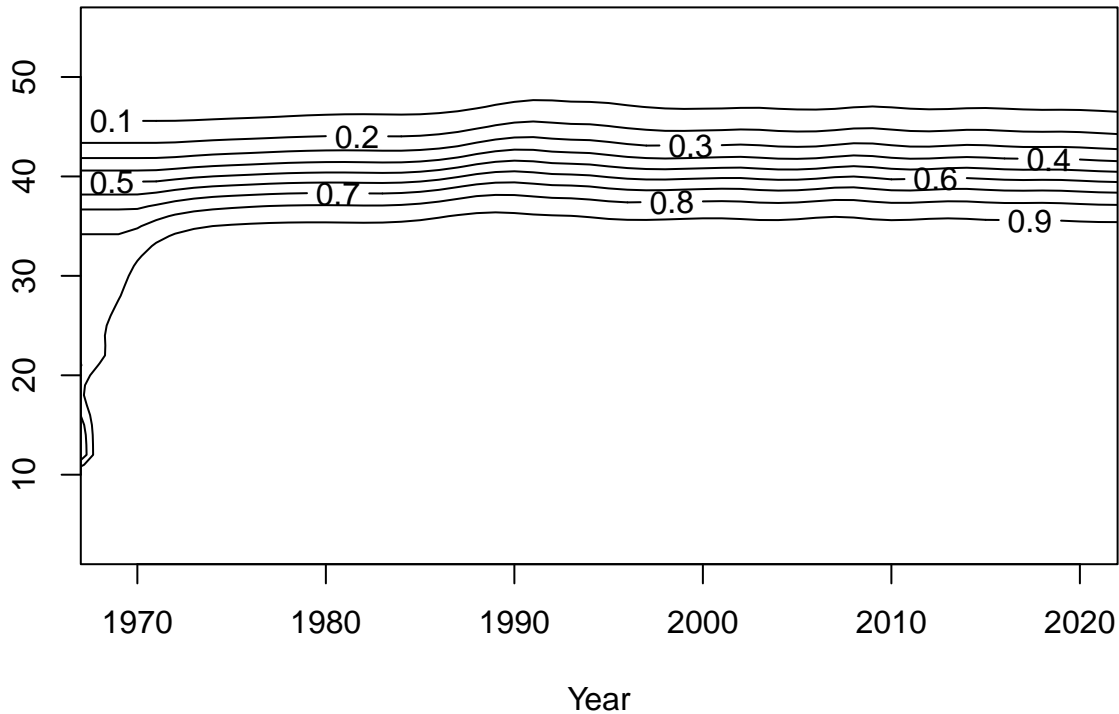


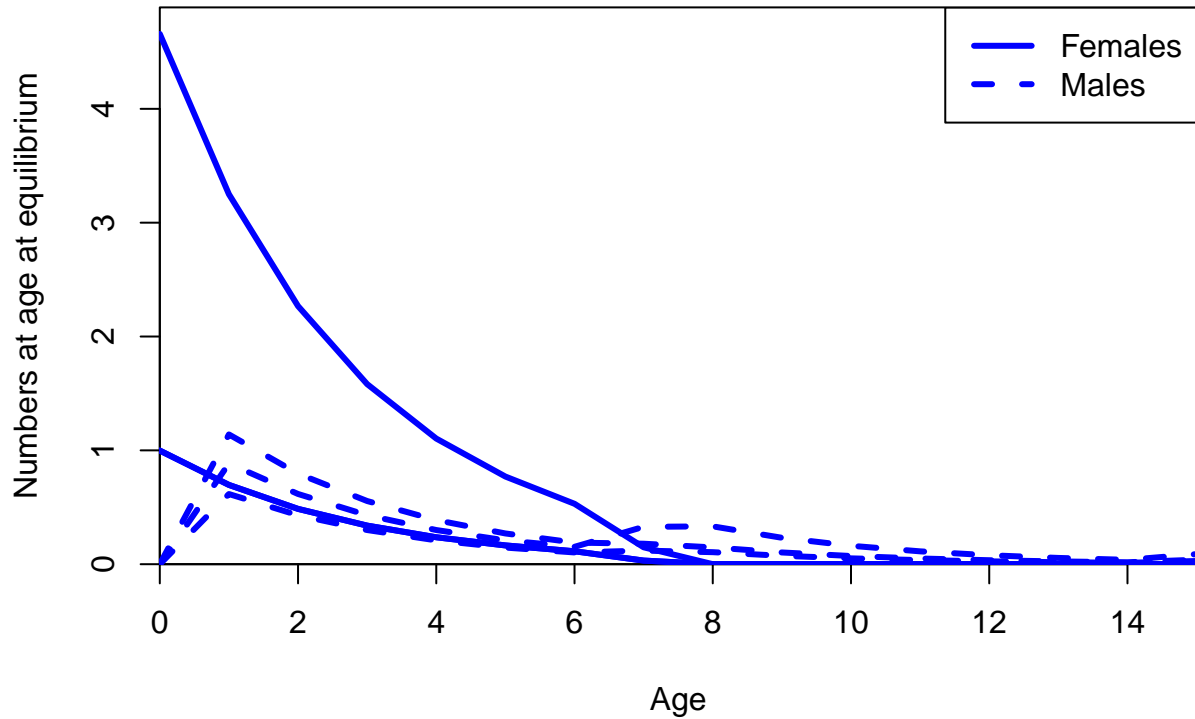


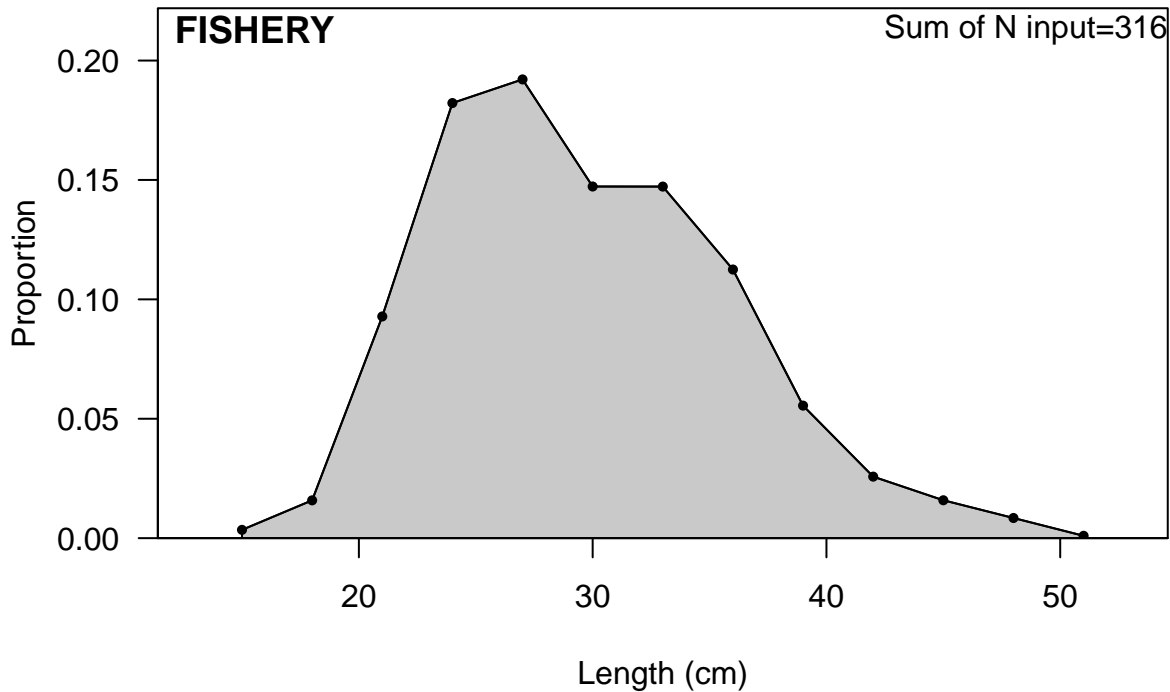


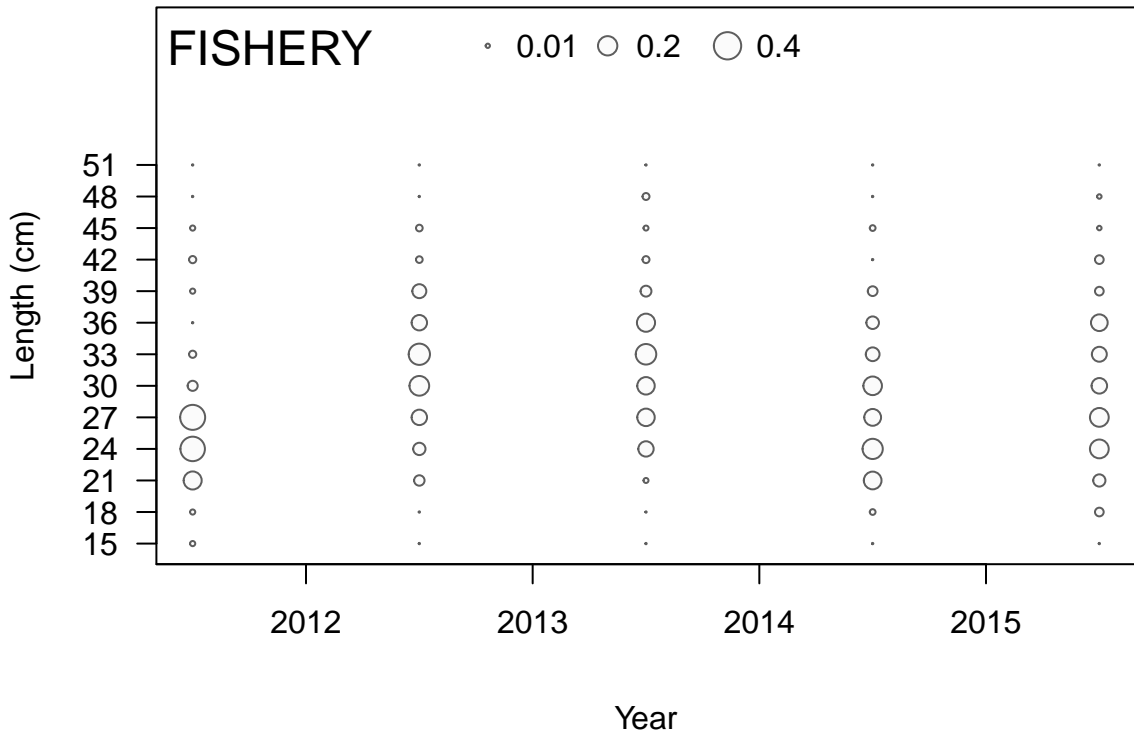


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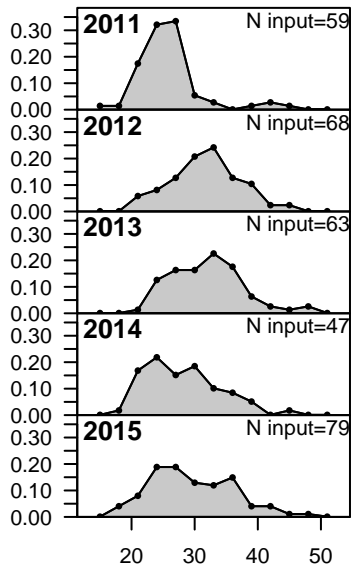




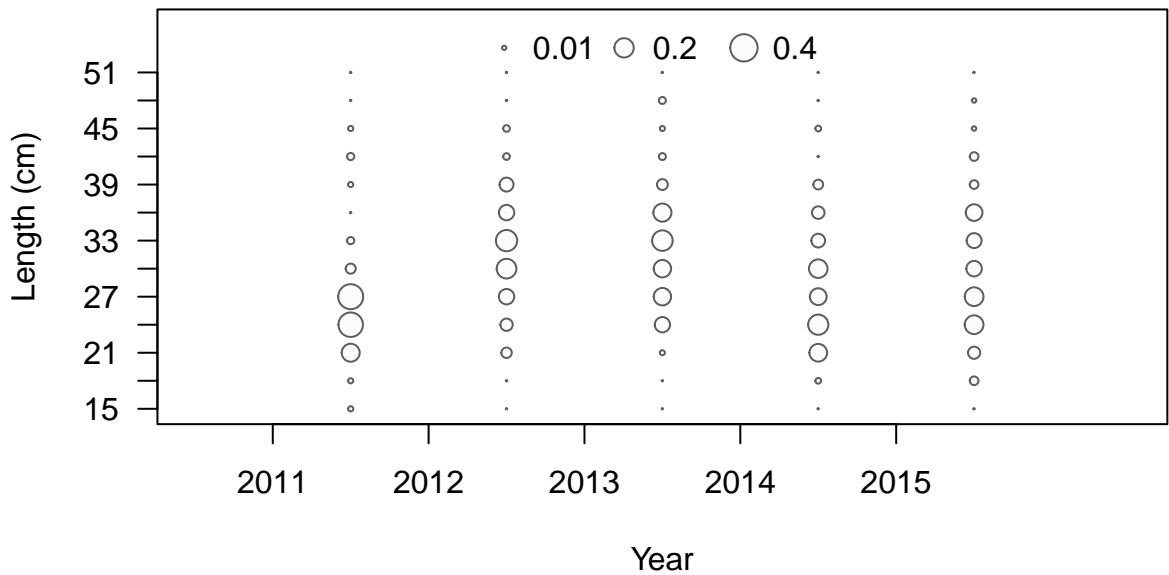




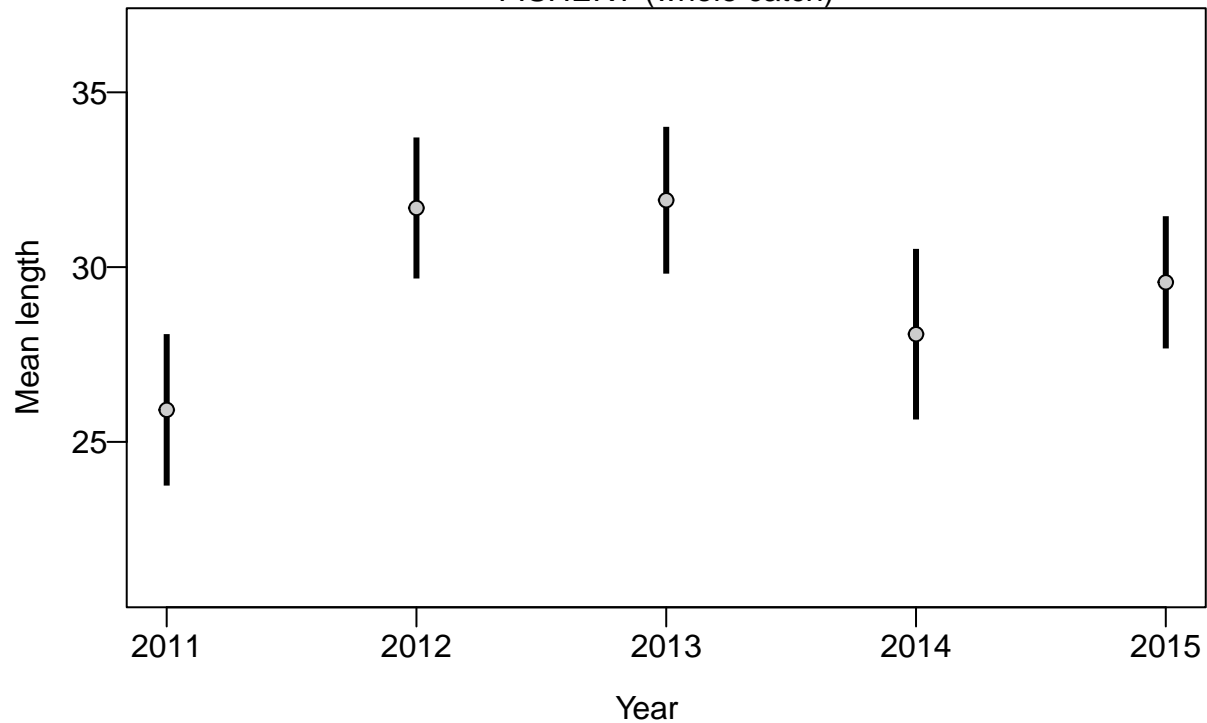
Proportion

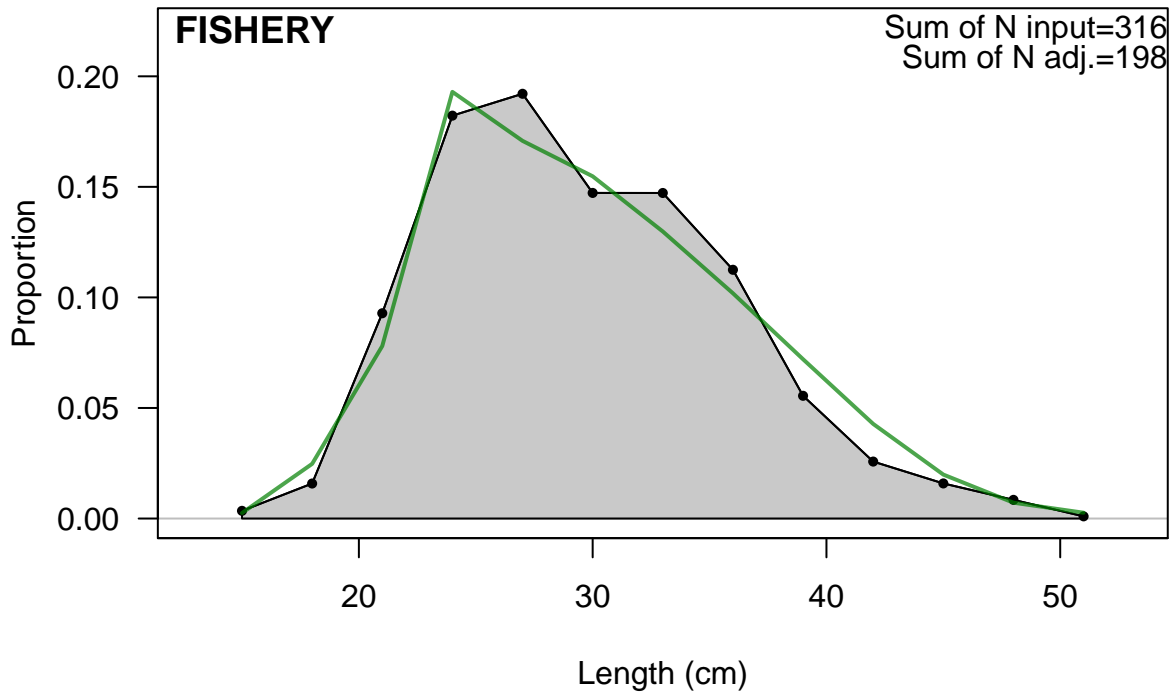


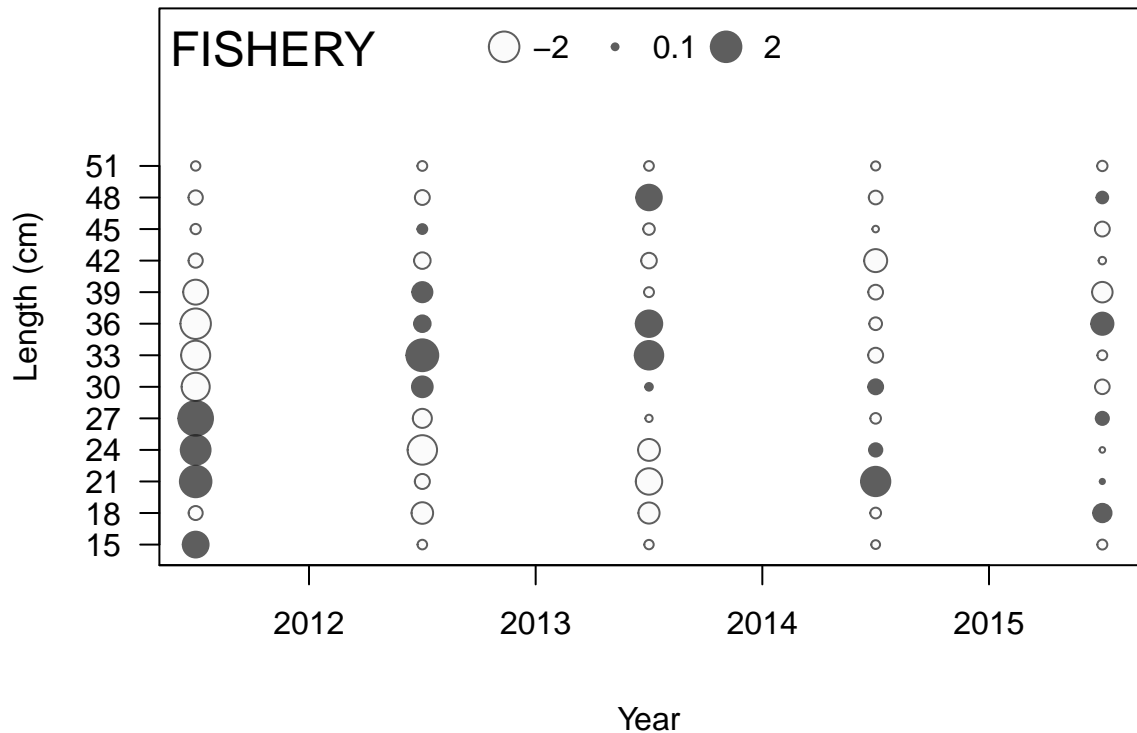
Length (cm)



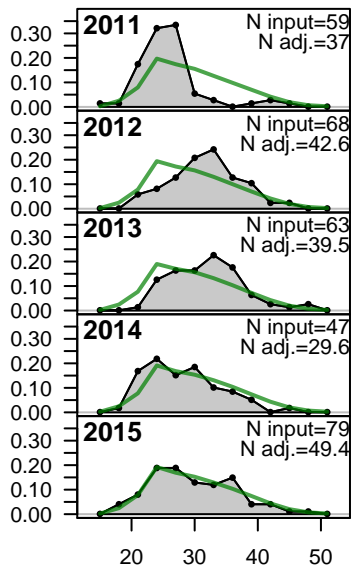
FISHERY (whole catch)



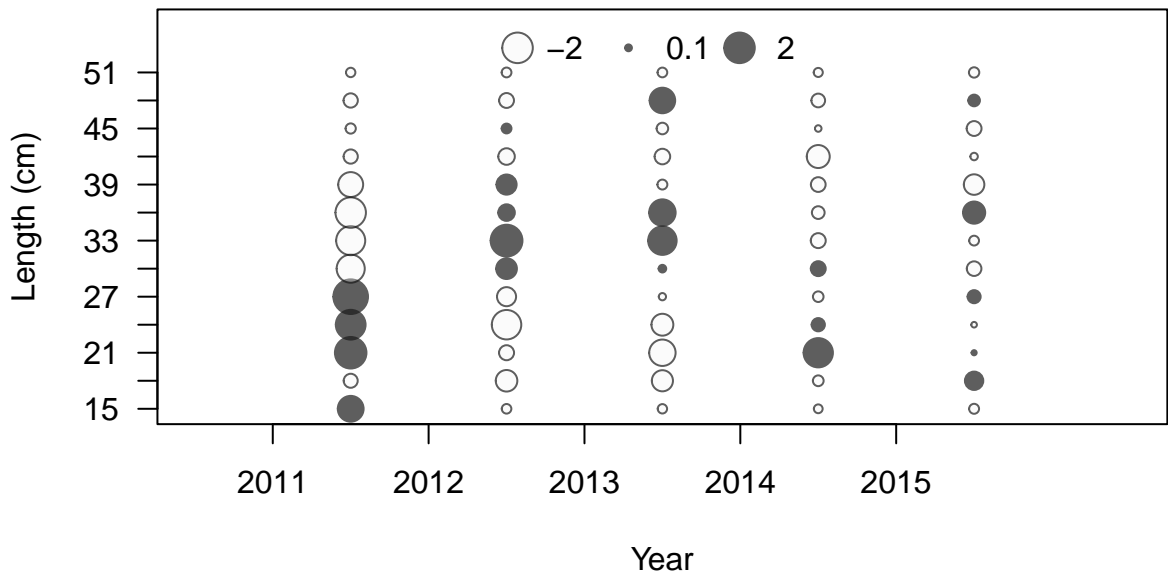




Proportion



Length (cm)



FISHERY (whole catch)

