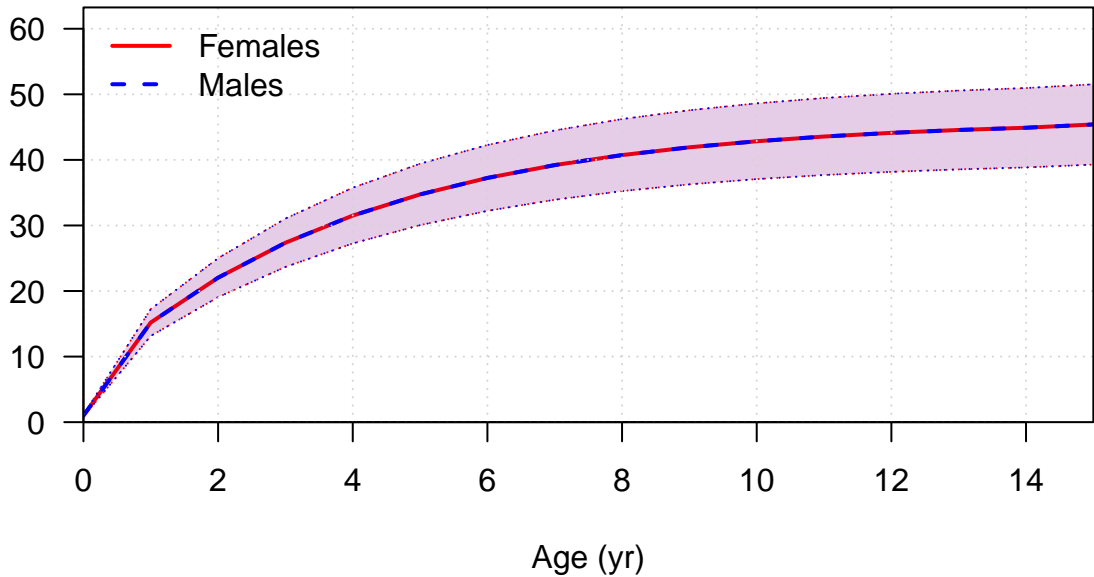
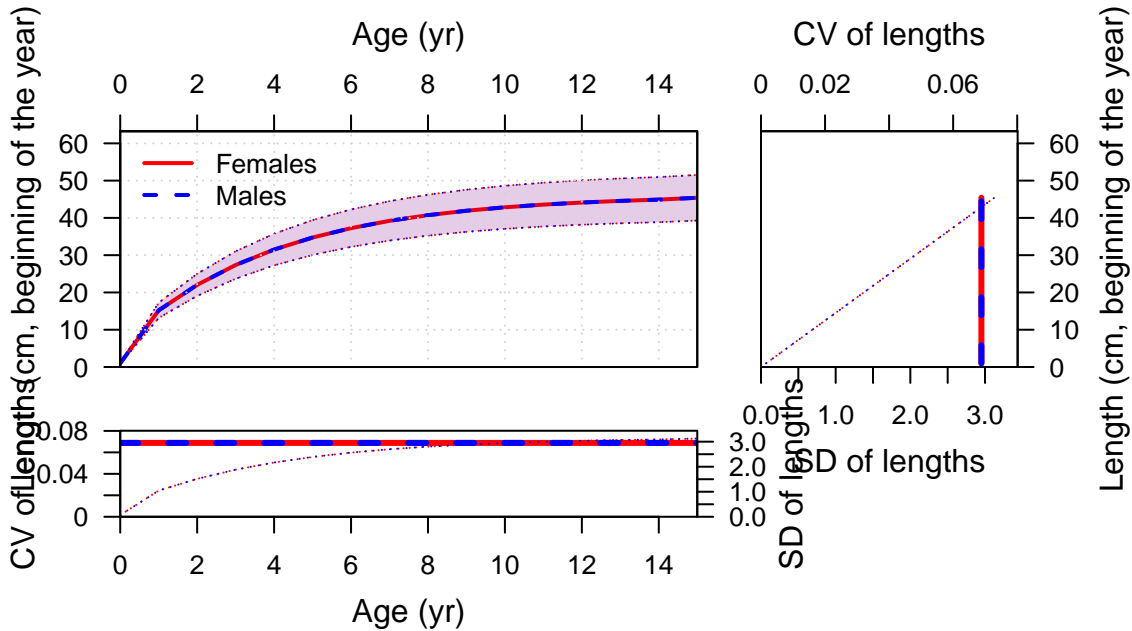
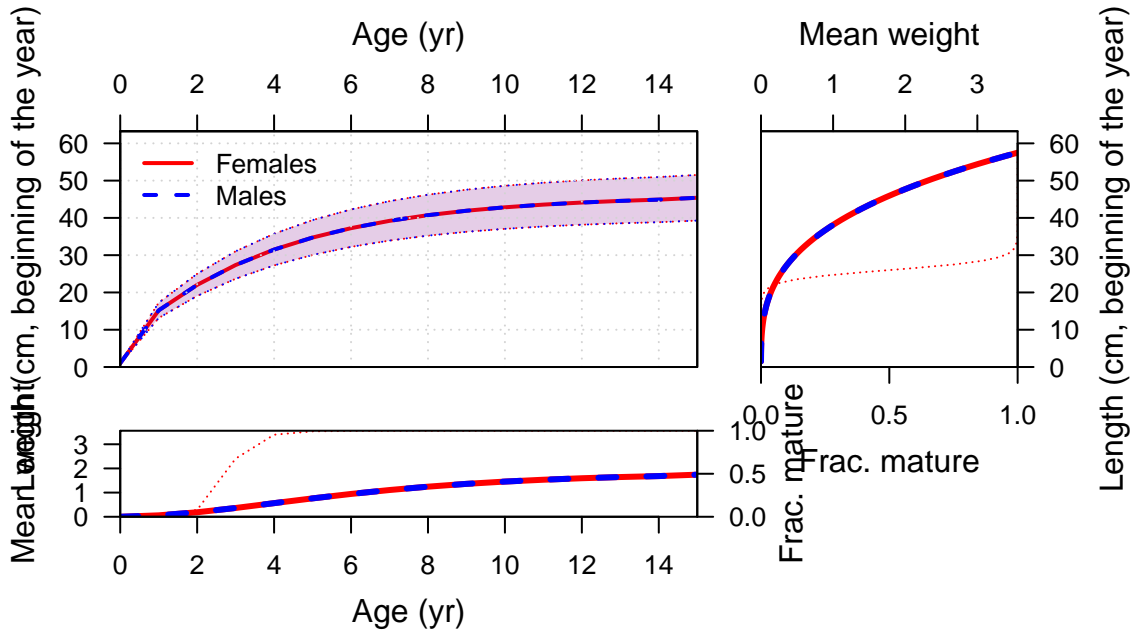


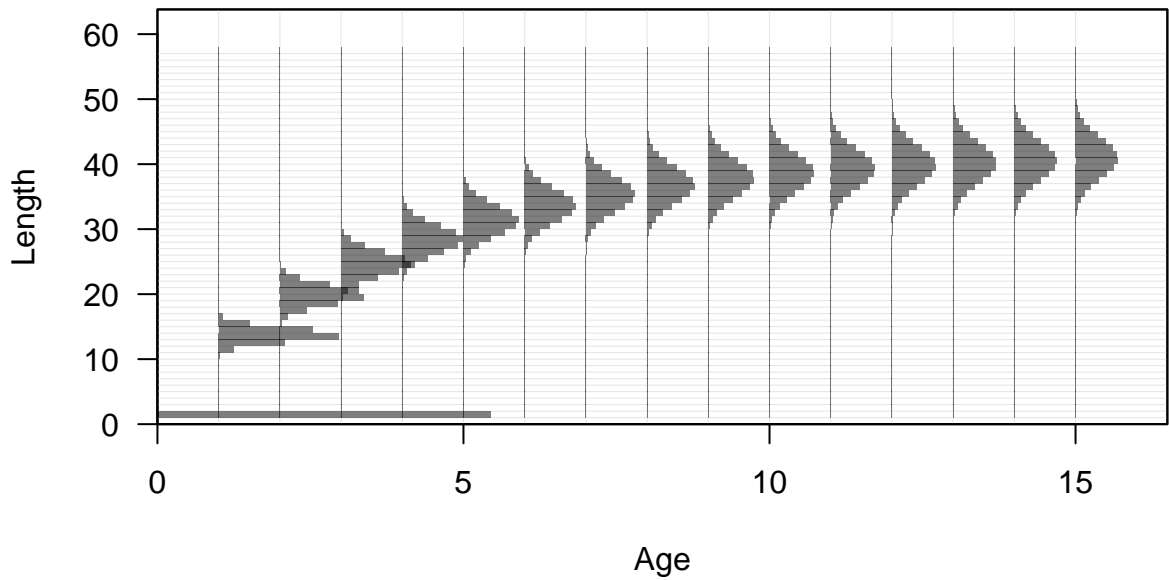
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Tue Feb 14 16:43:41 2023
Data_File: data.ss
Control_File: control.ss

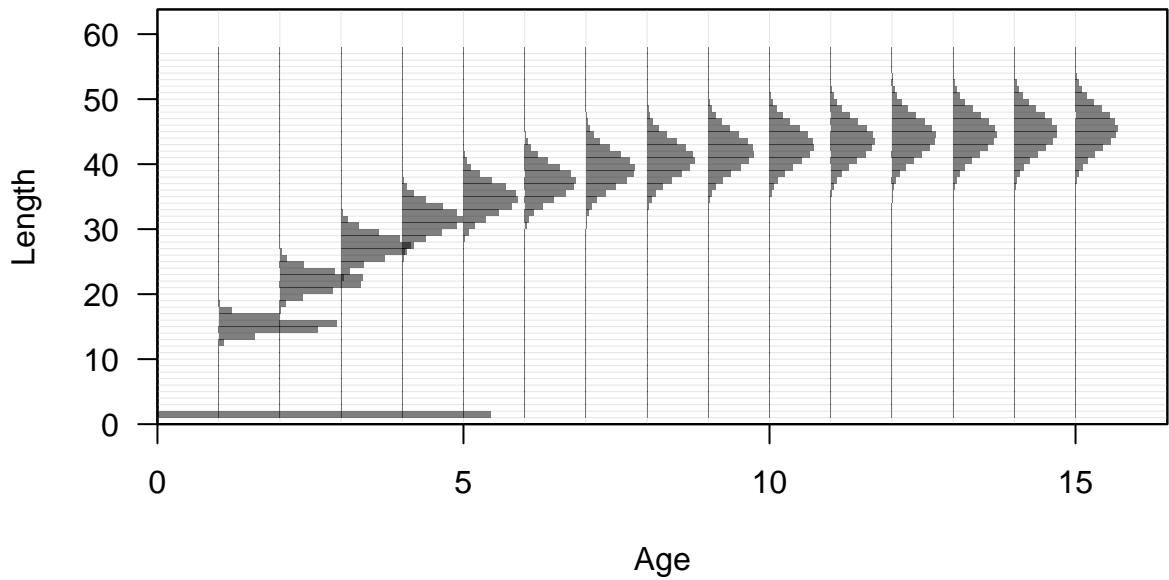
Length (cm, beginning of the year)

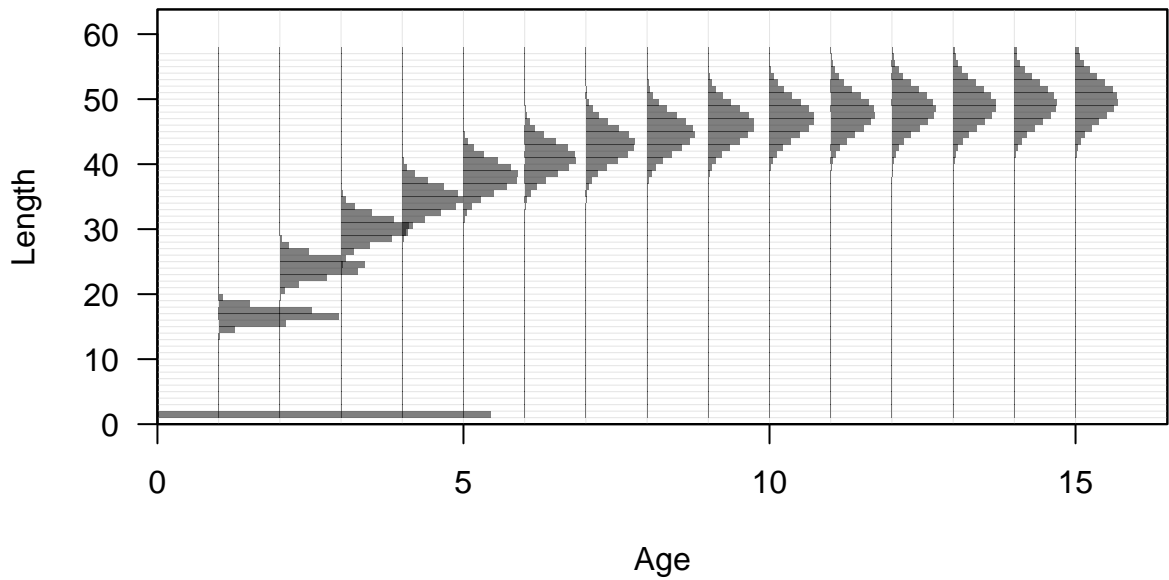


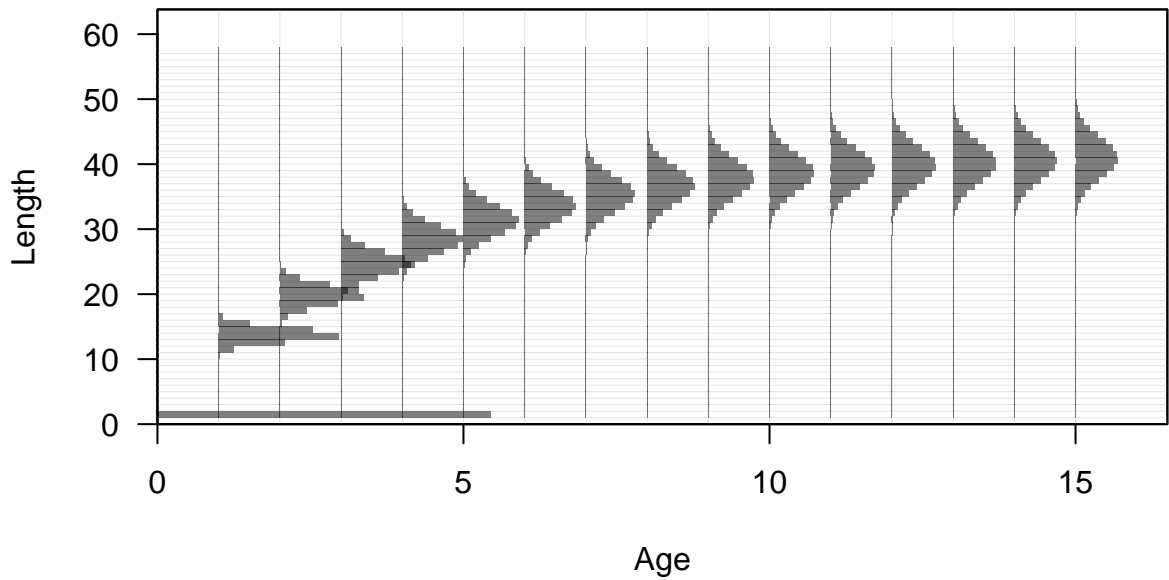


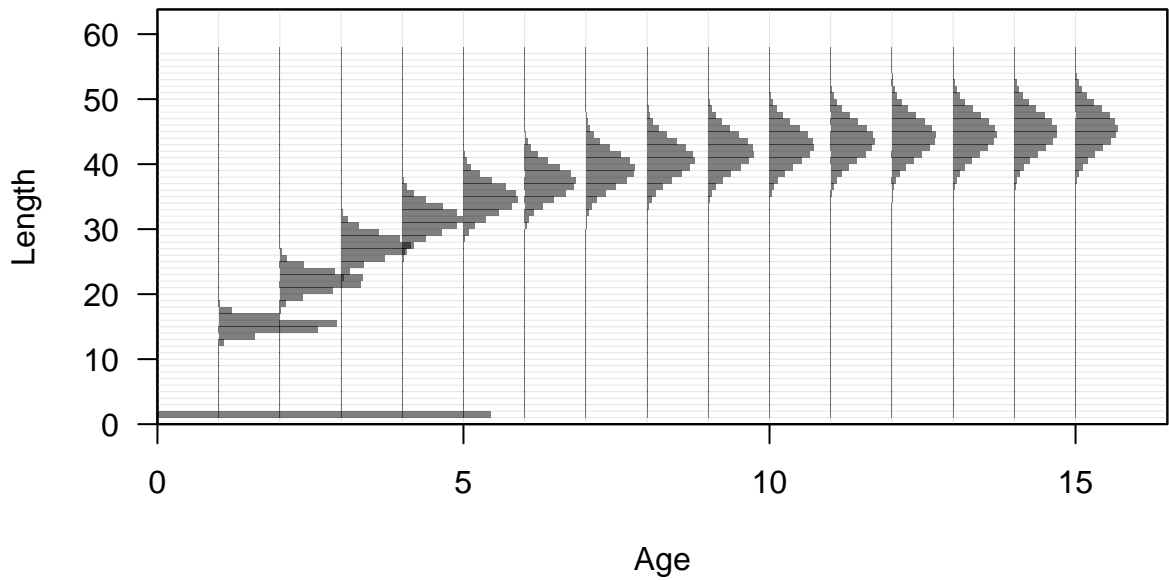


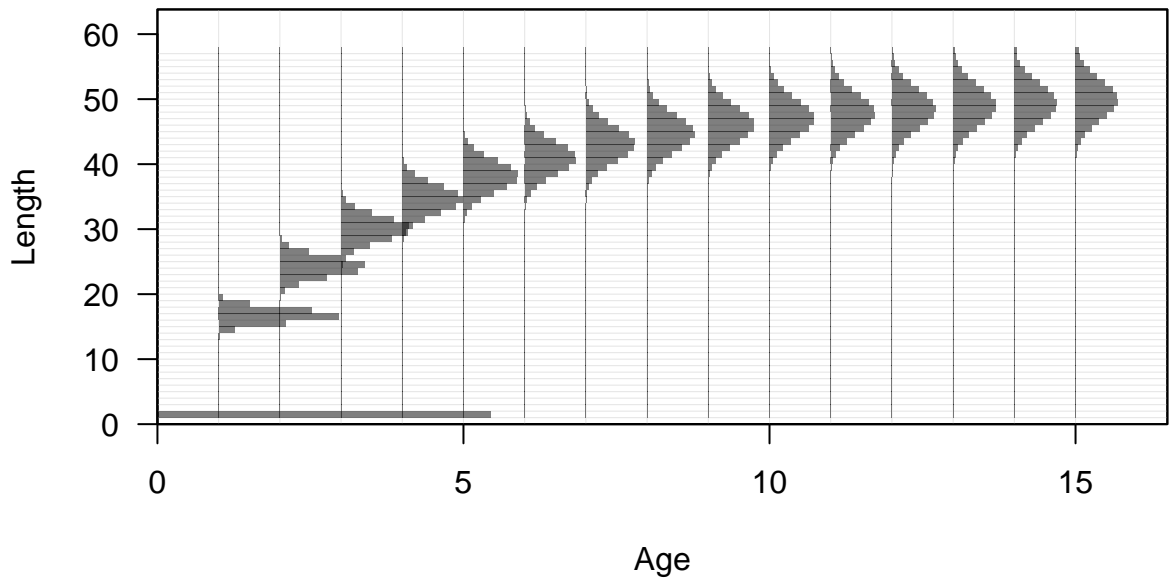


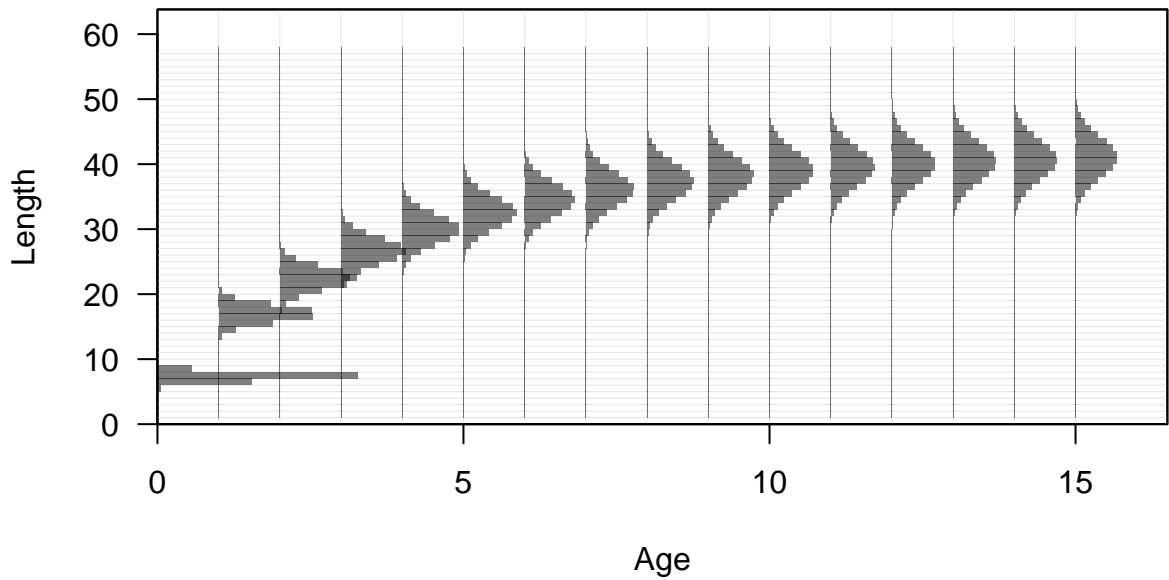


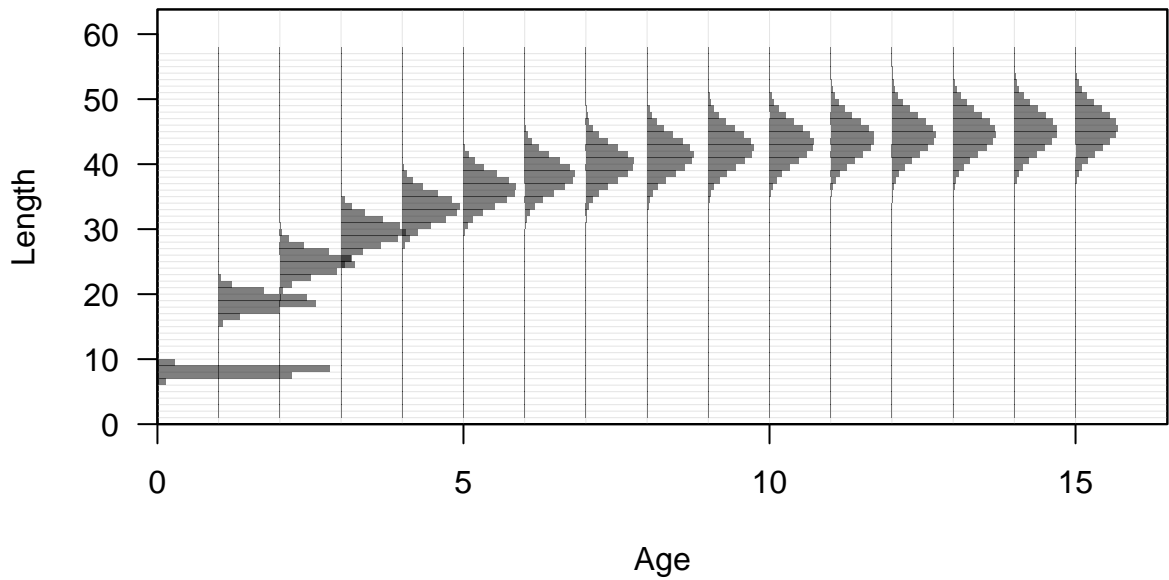


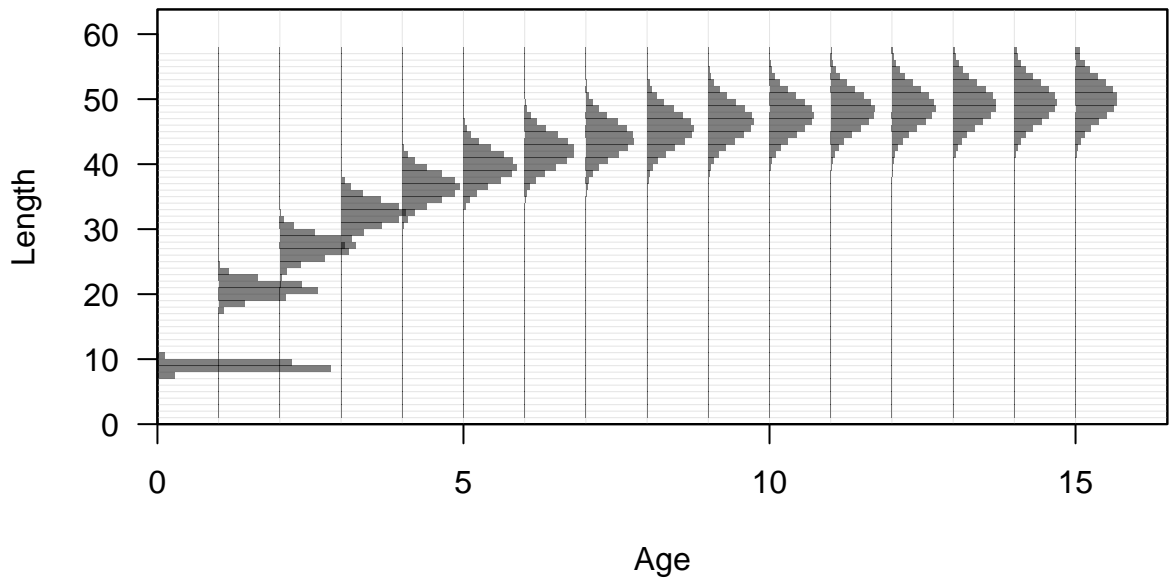


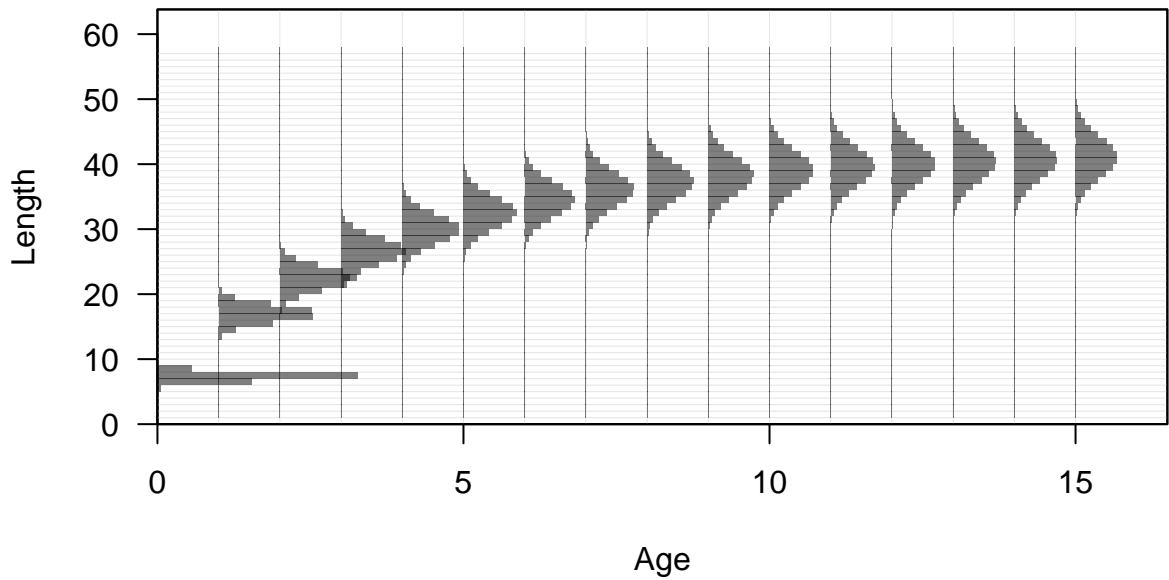


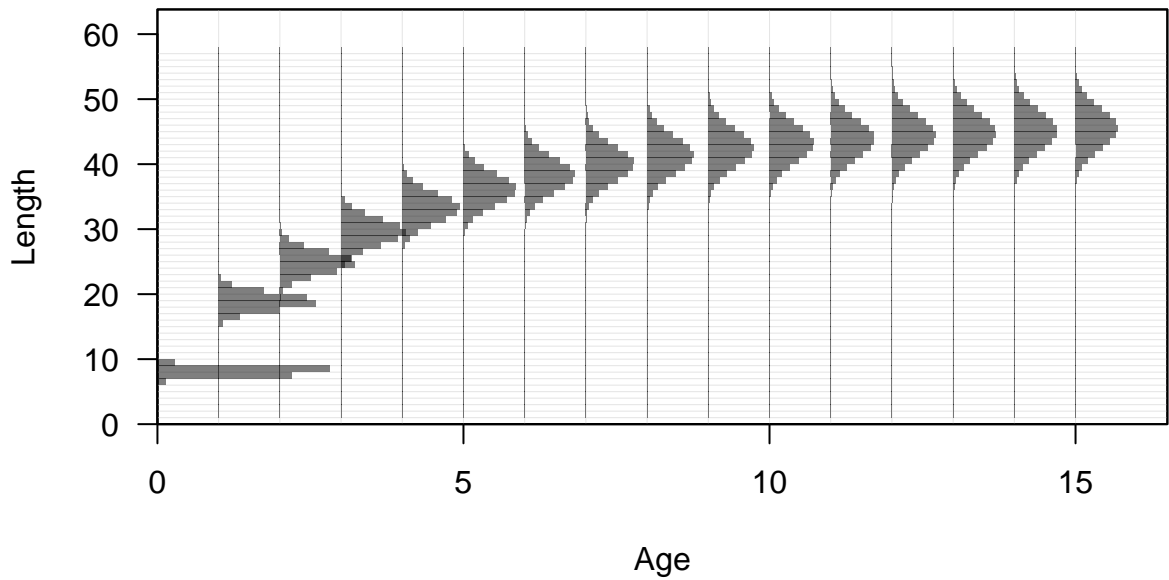


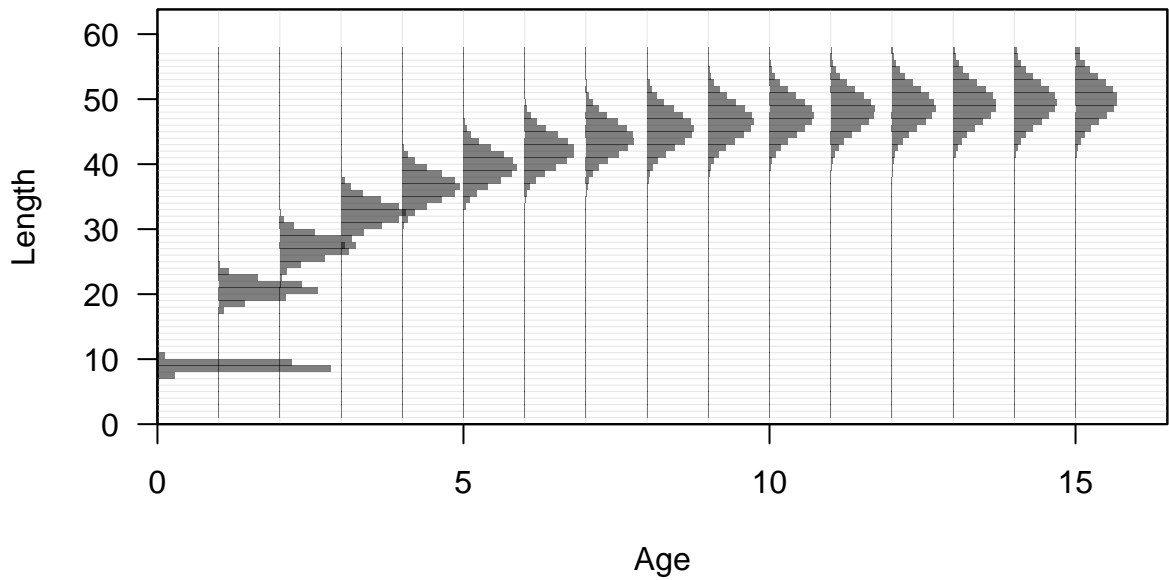








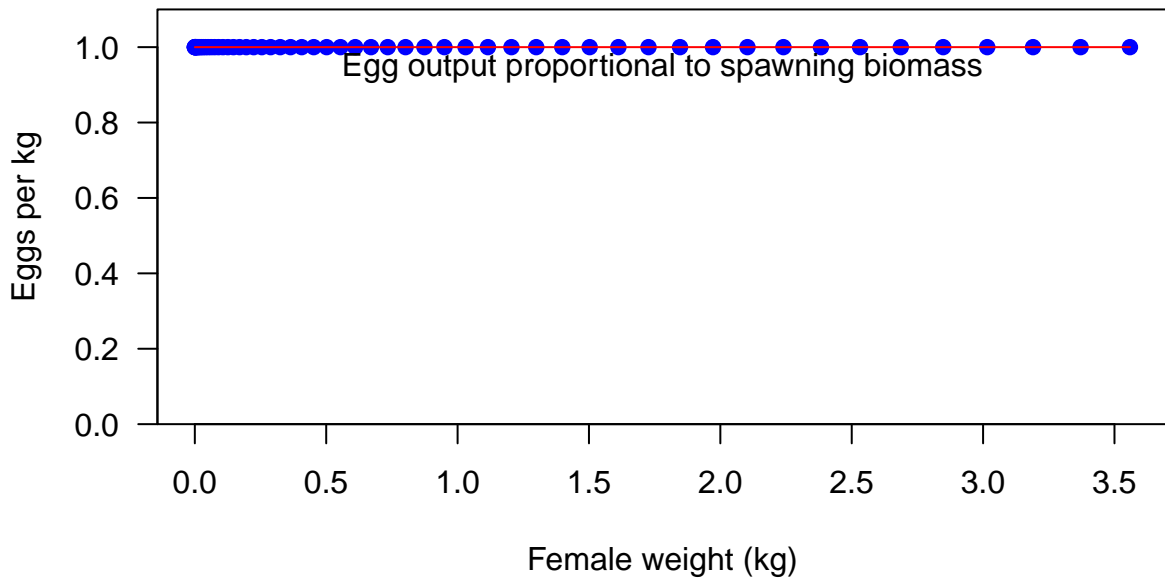












Fecundity



Fecundity



Spawning output

3

2

1

0

0

10

20

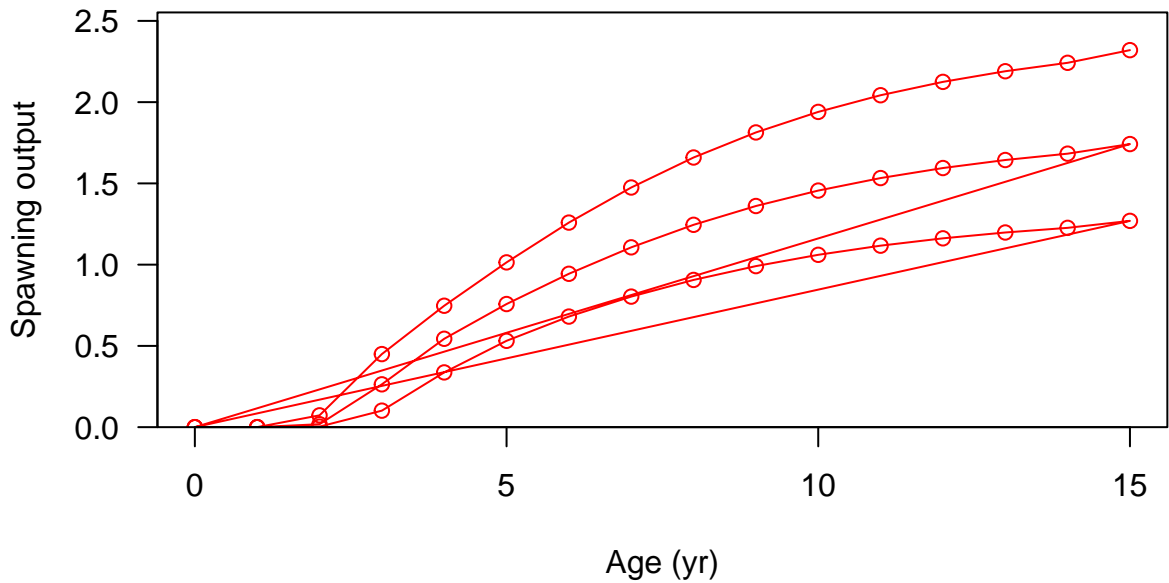
30

40

50

Length (cm)

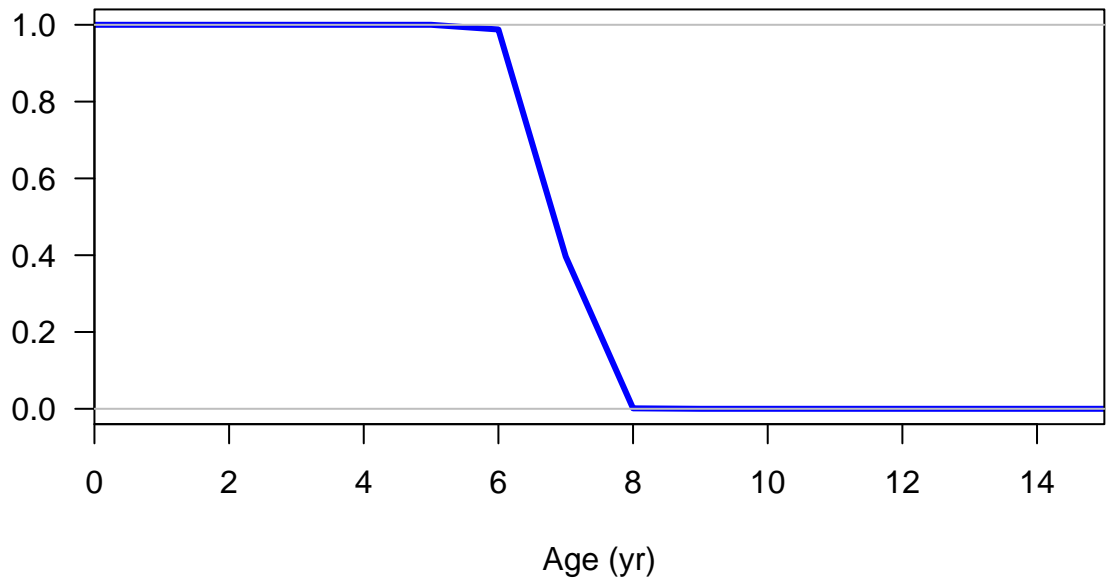




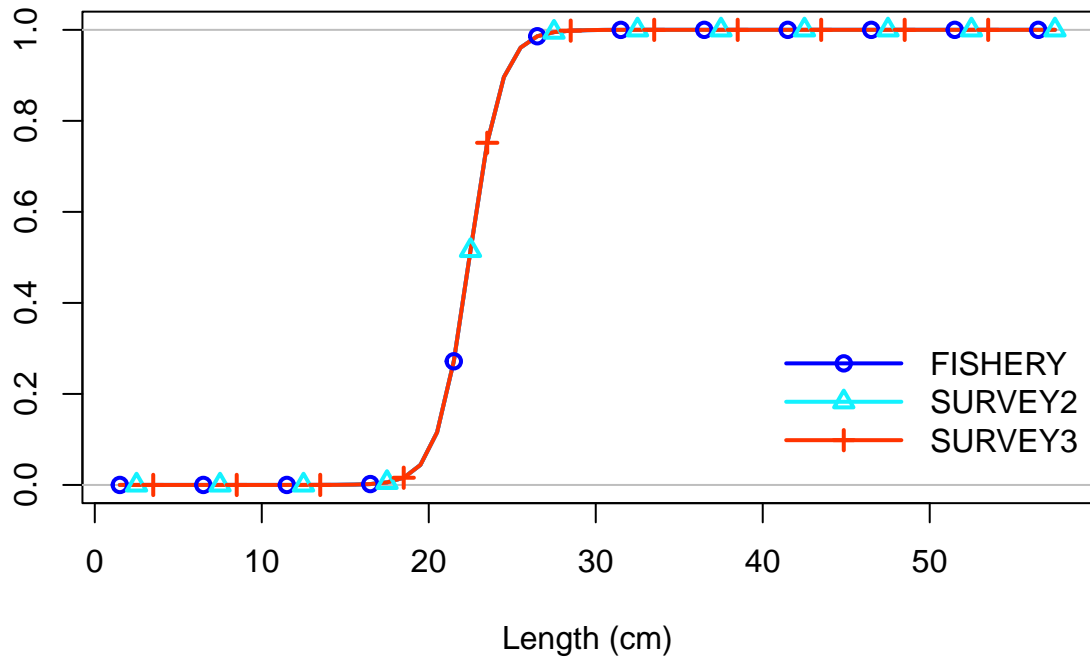
Hermaphroditism transition rate



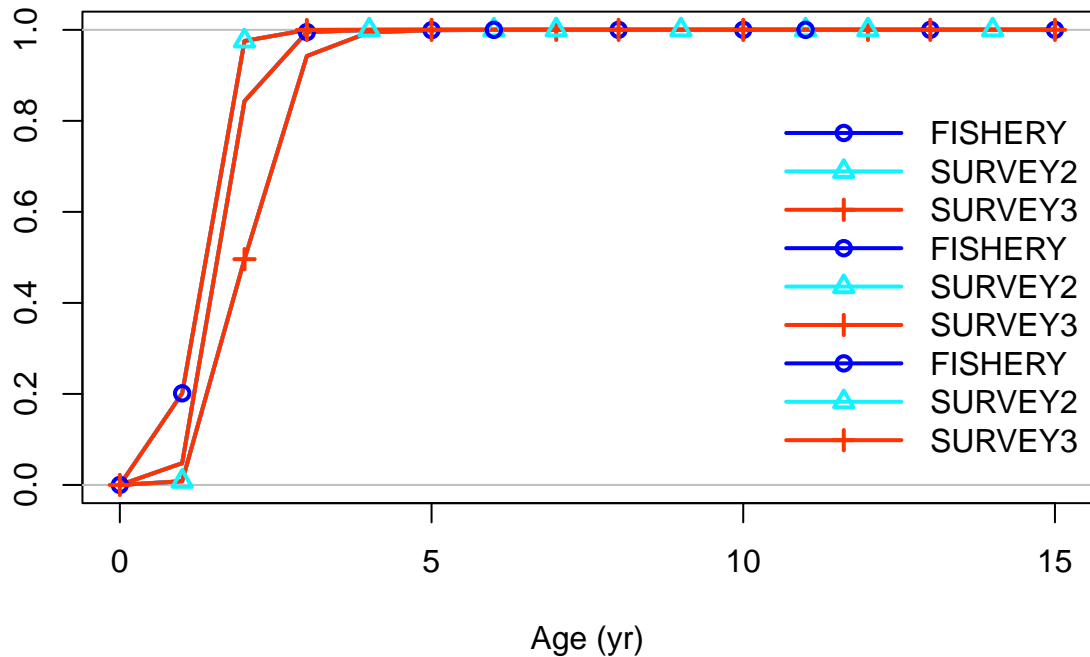
Fraction females by age at equilibrium



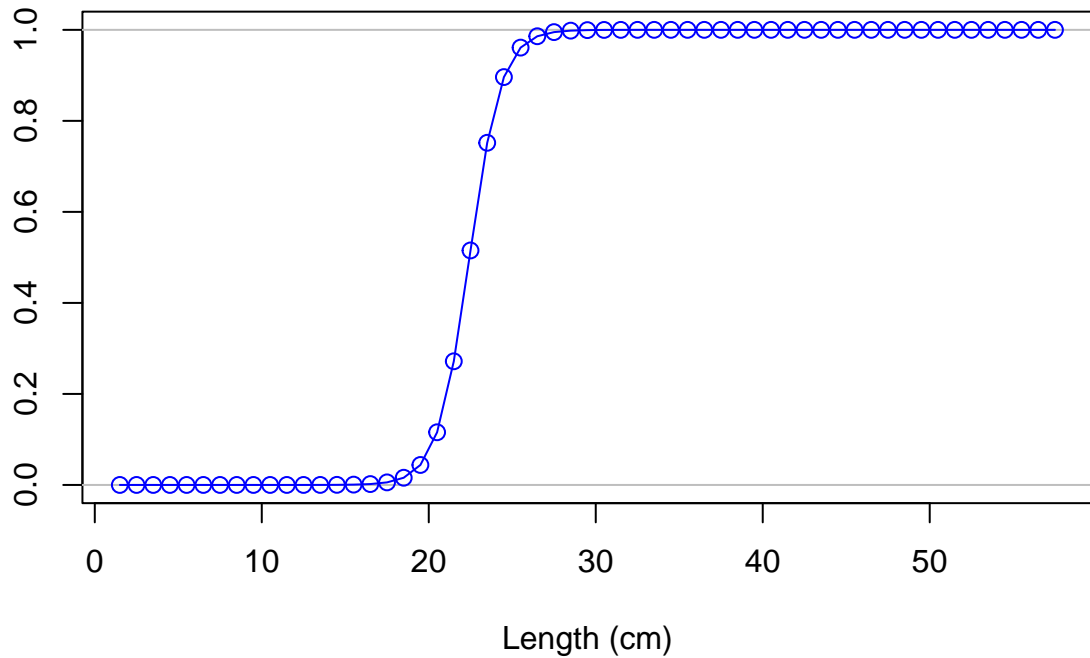
Selectivity



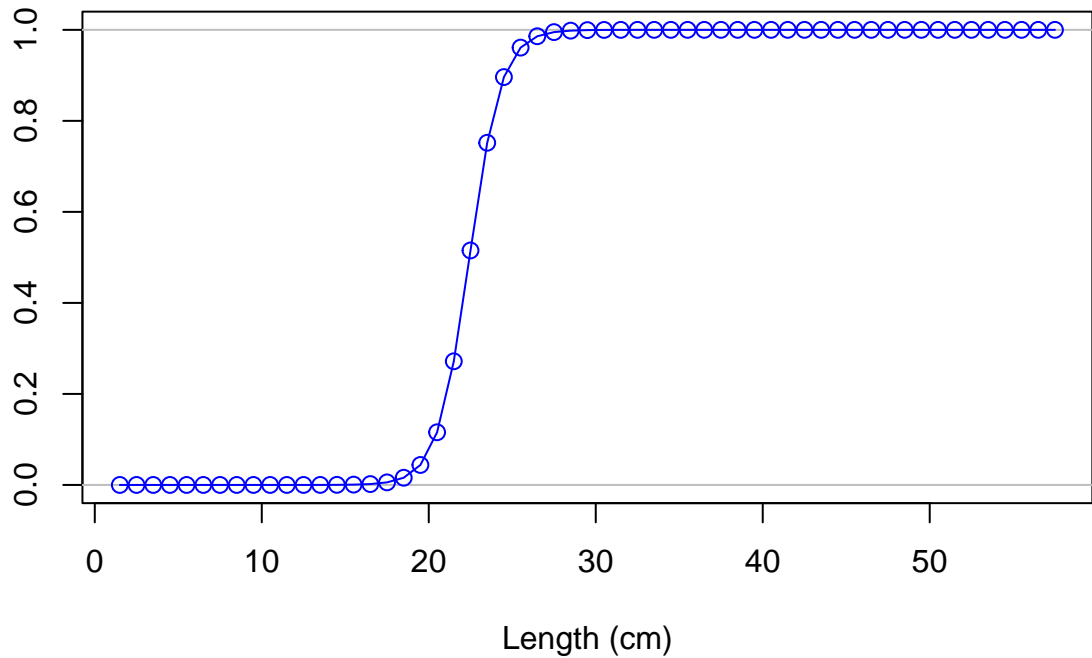
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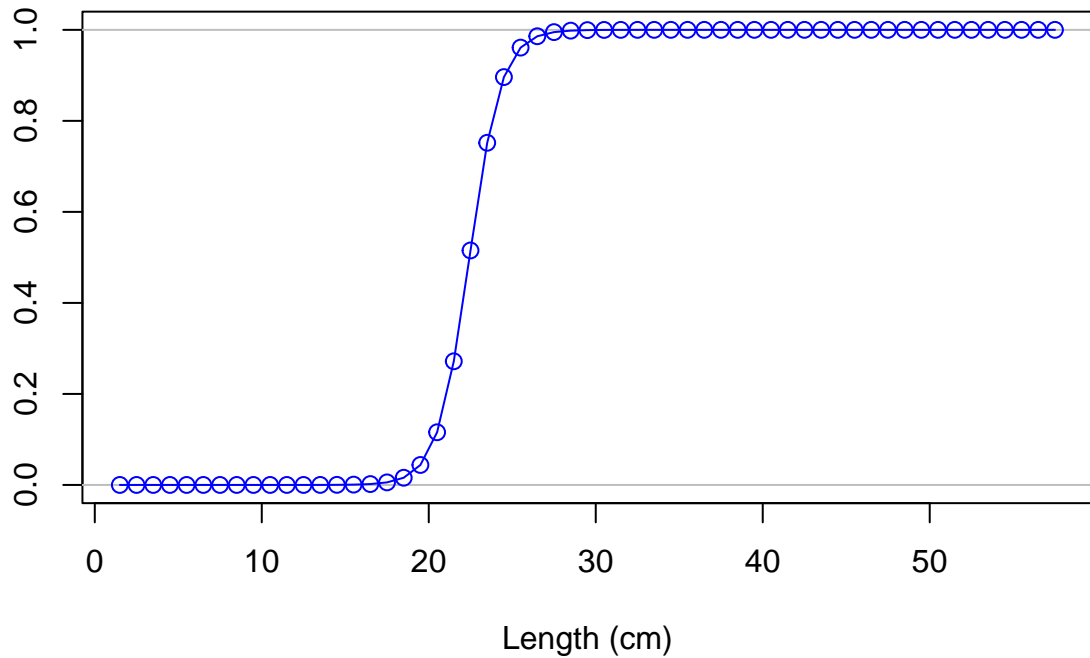
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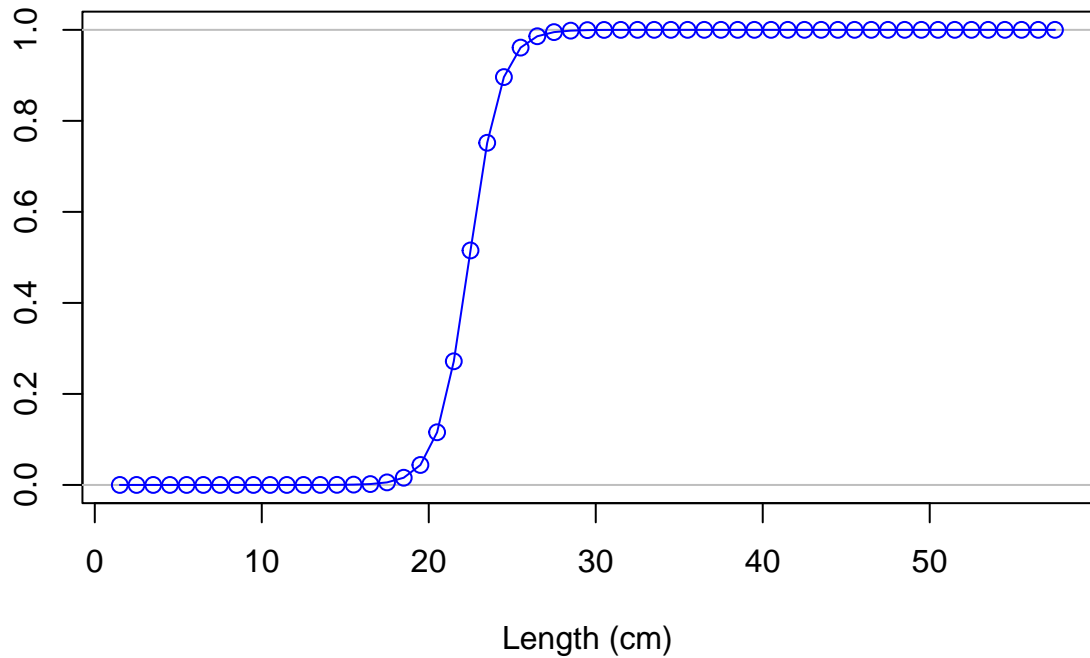
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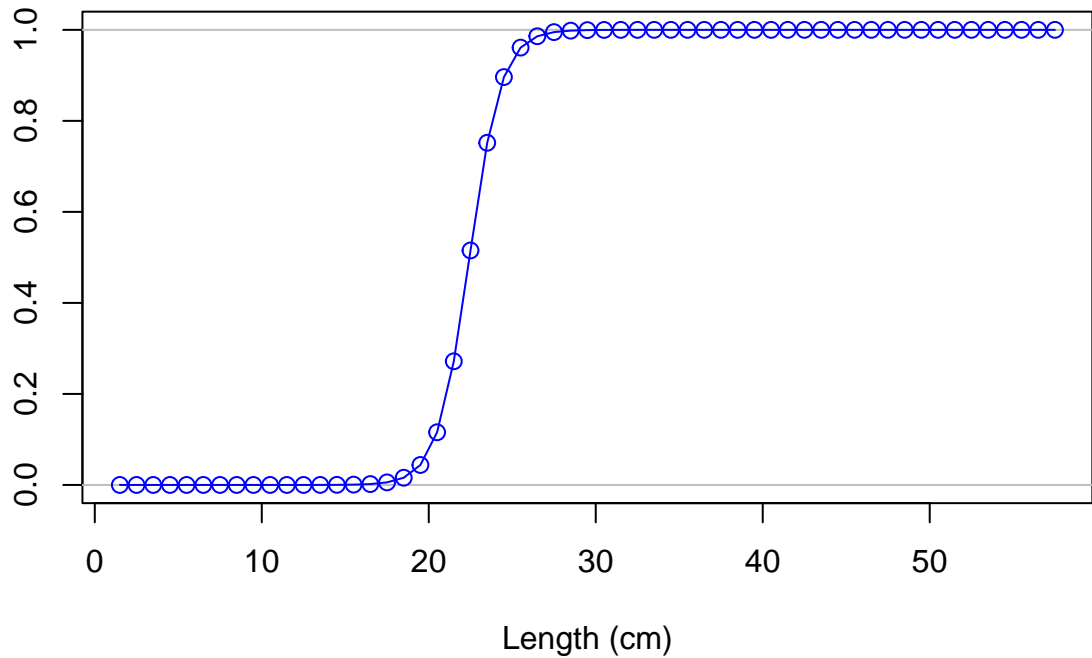
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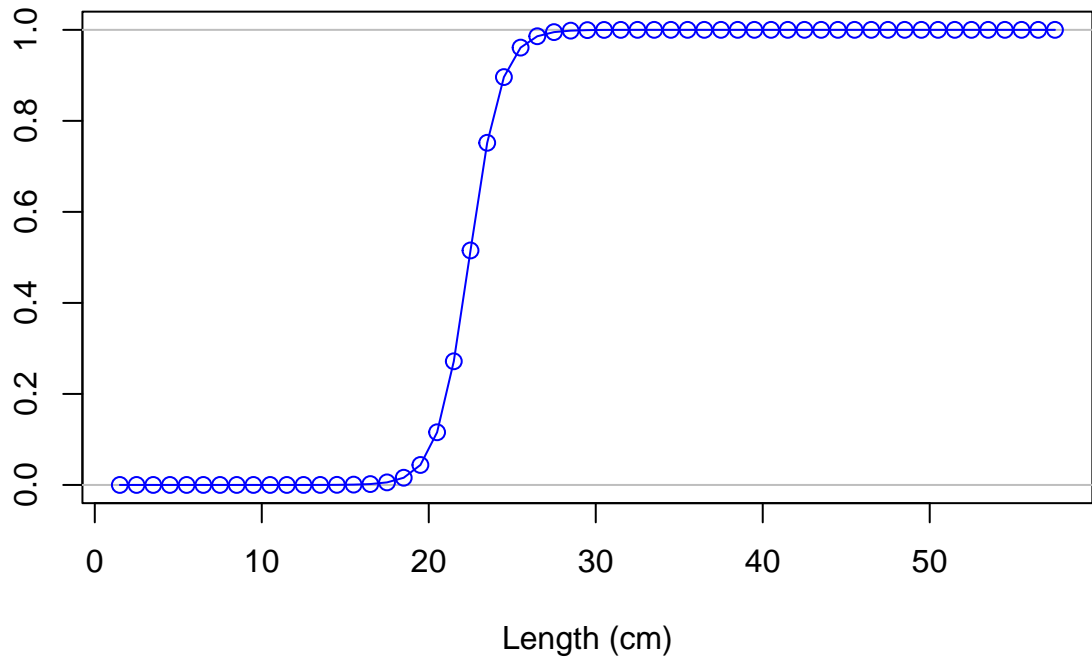
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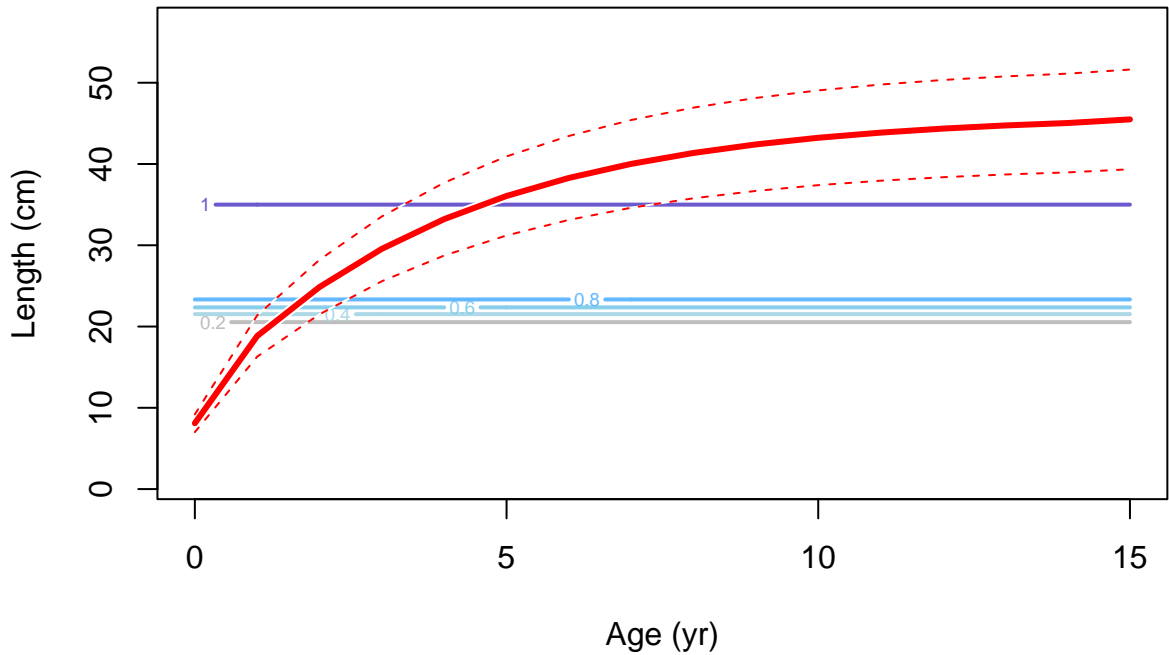


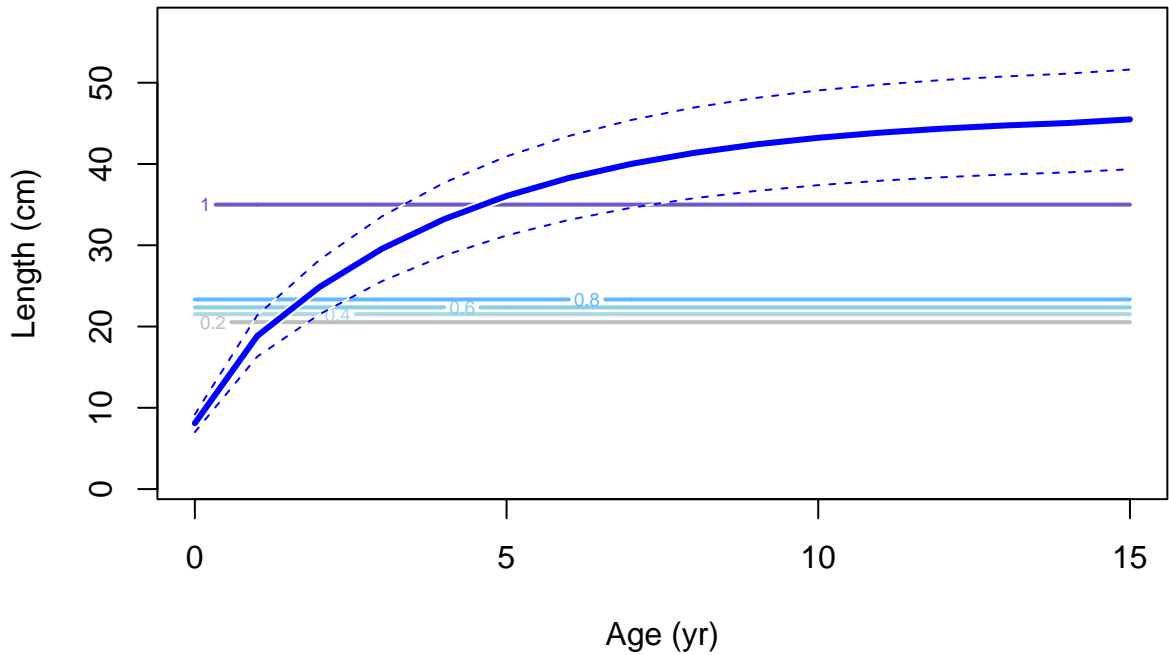
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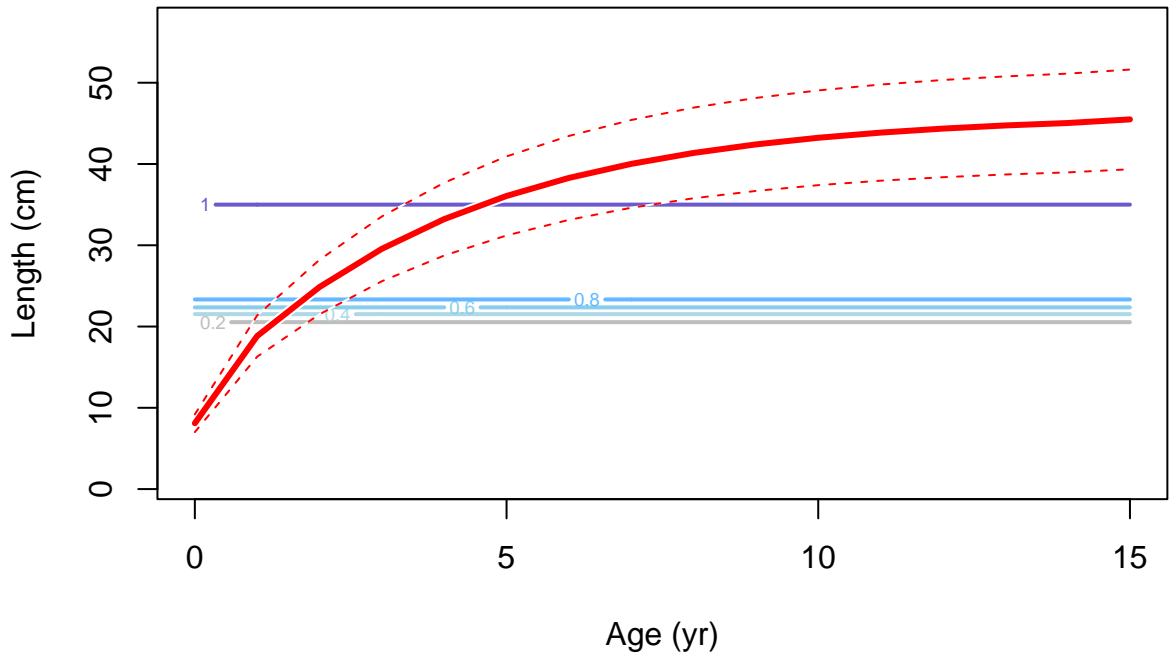


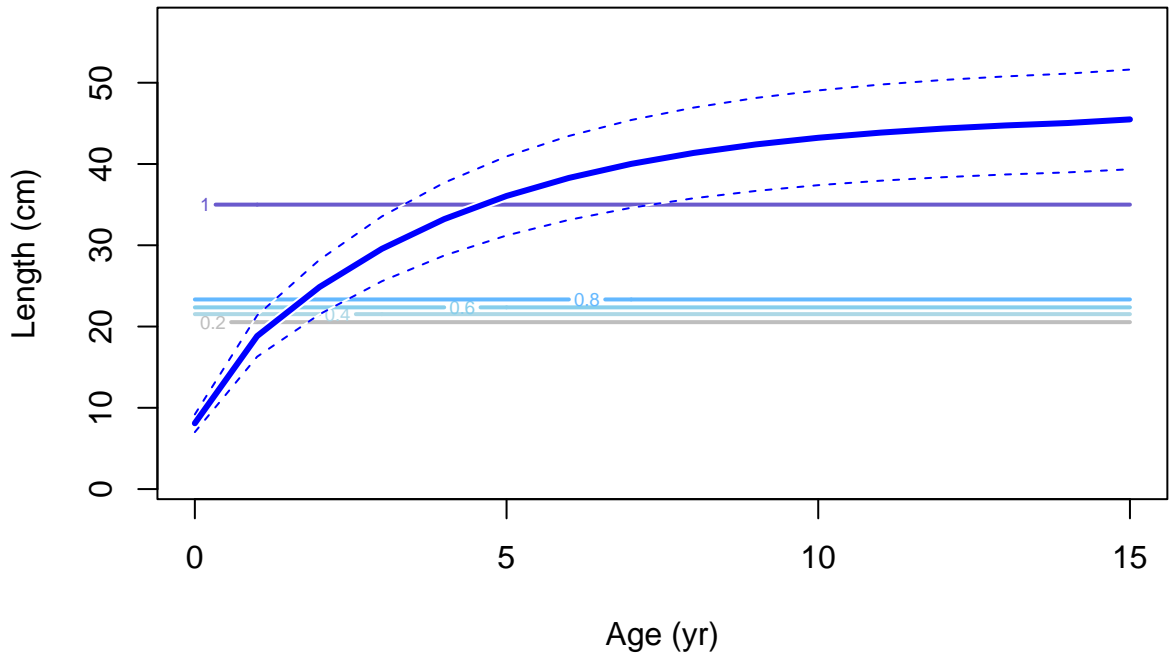
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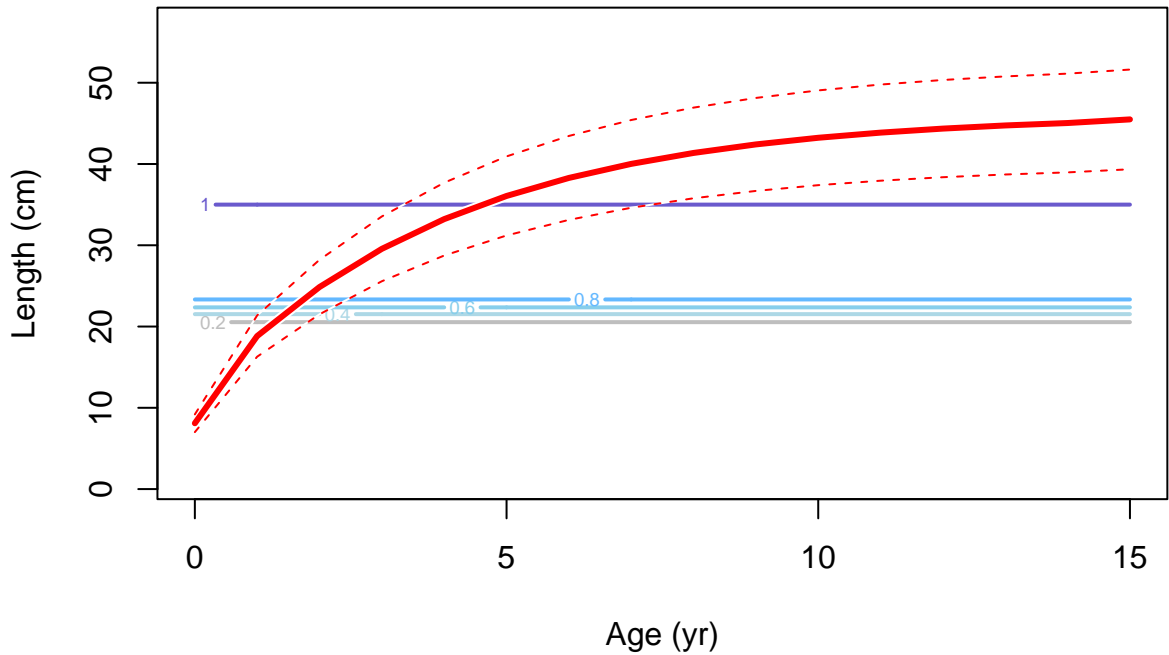


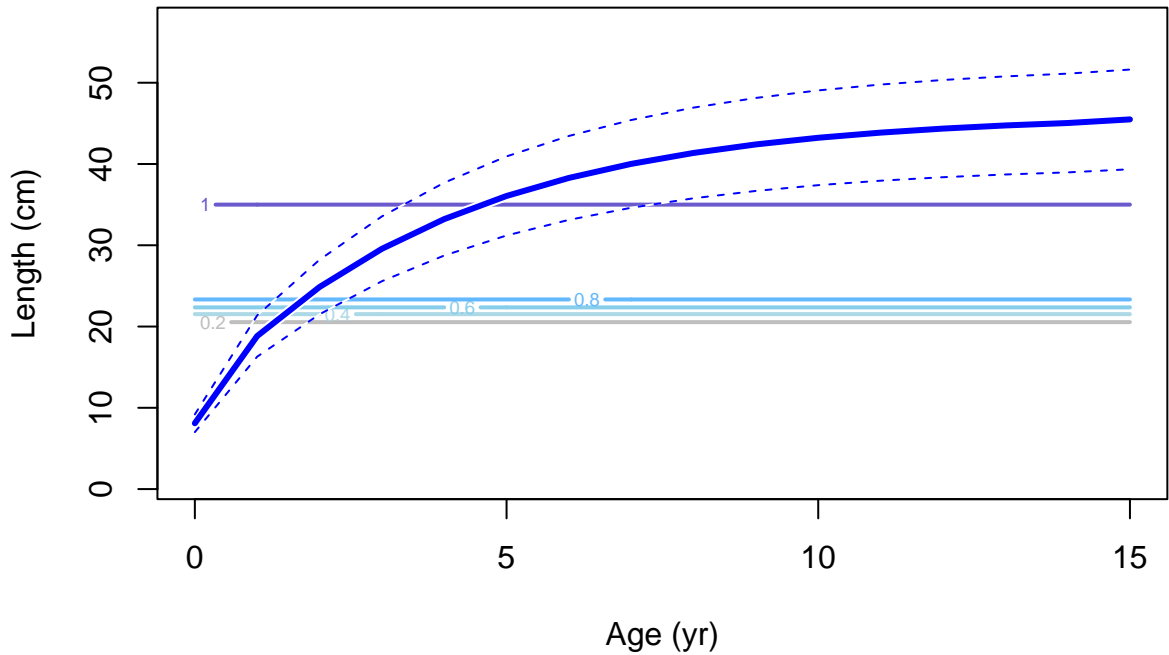




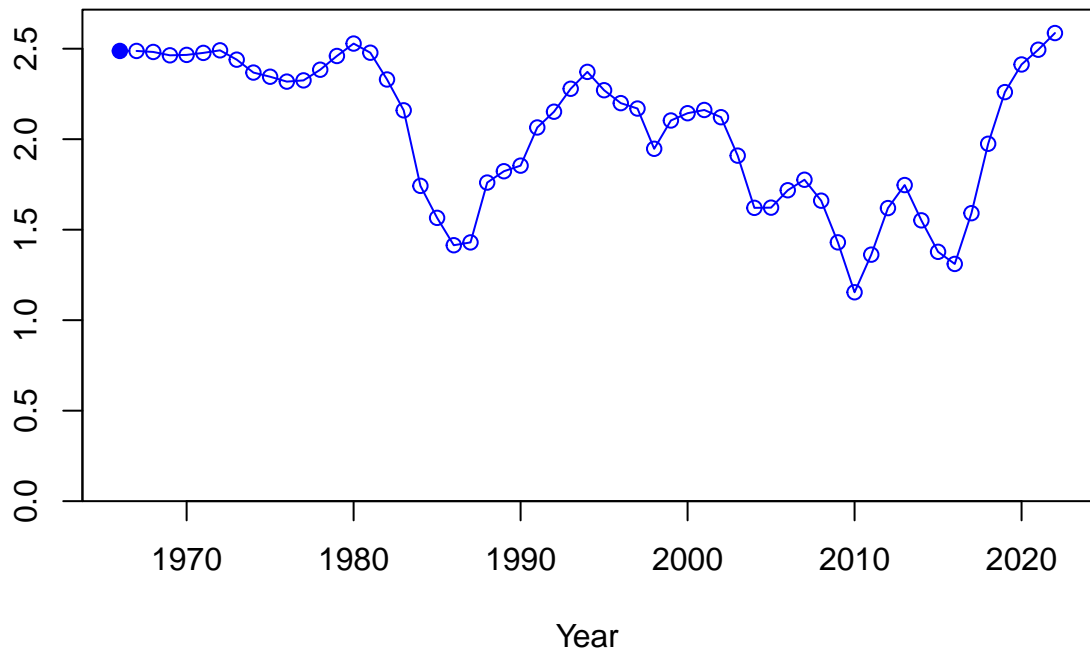




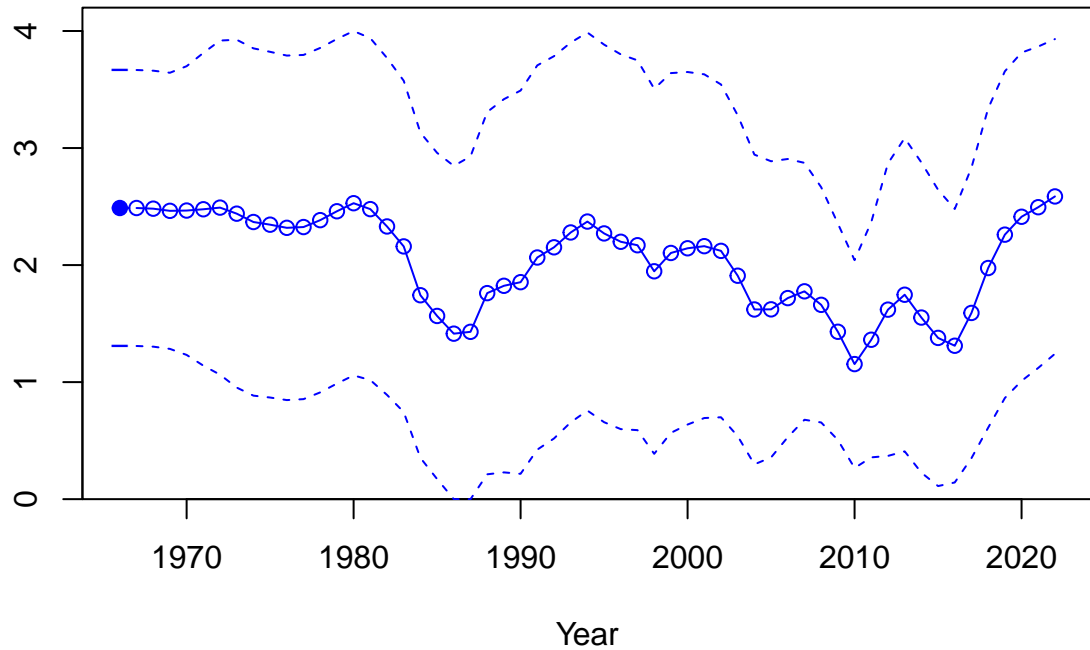




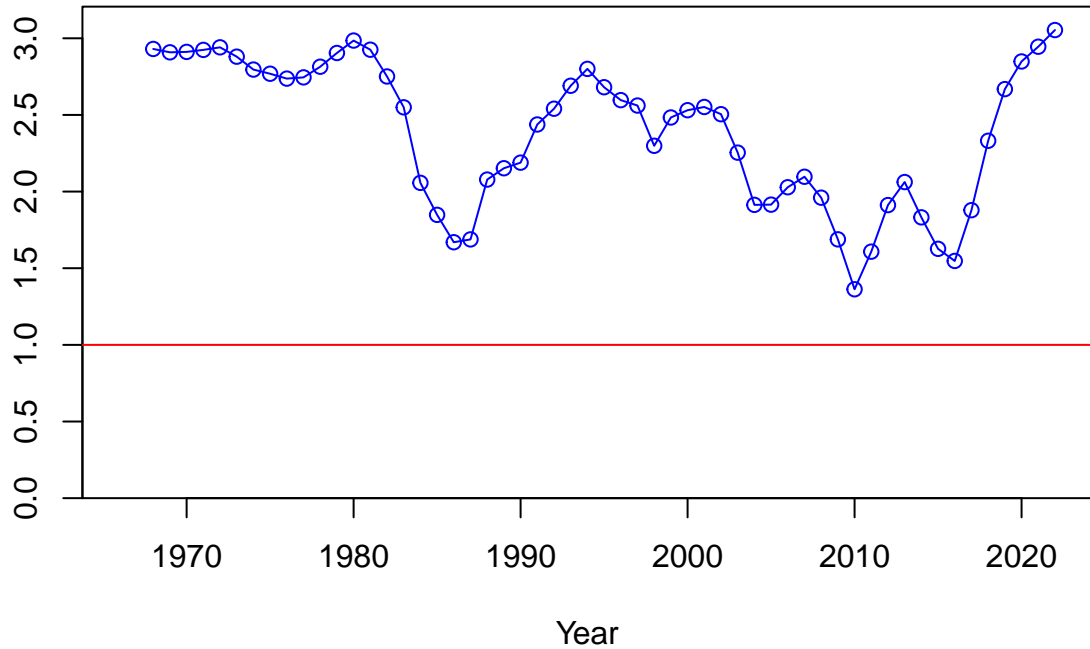
Spawning biomass (mt)



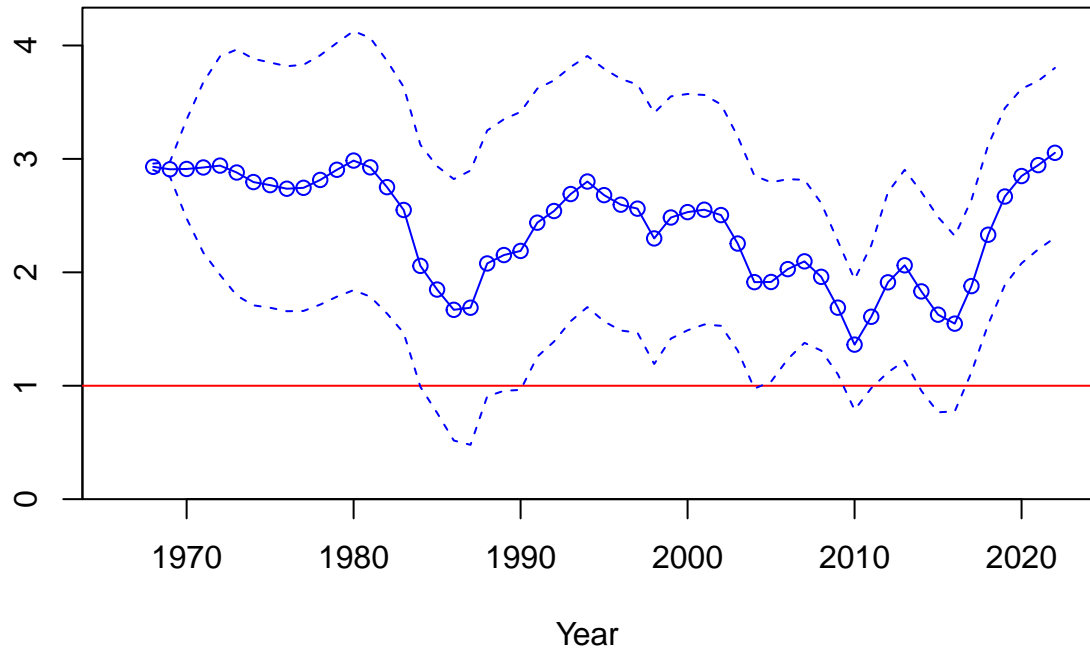
Spawning biomass (mt)

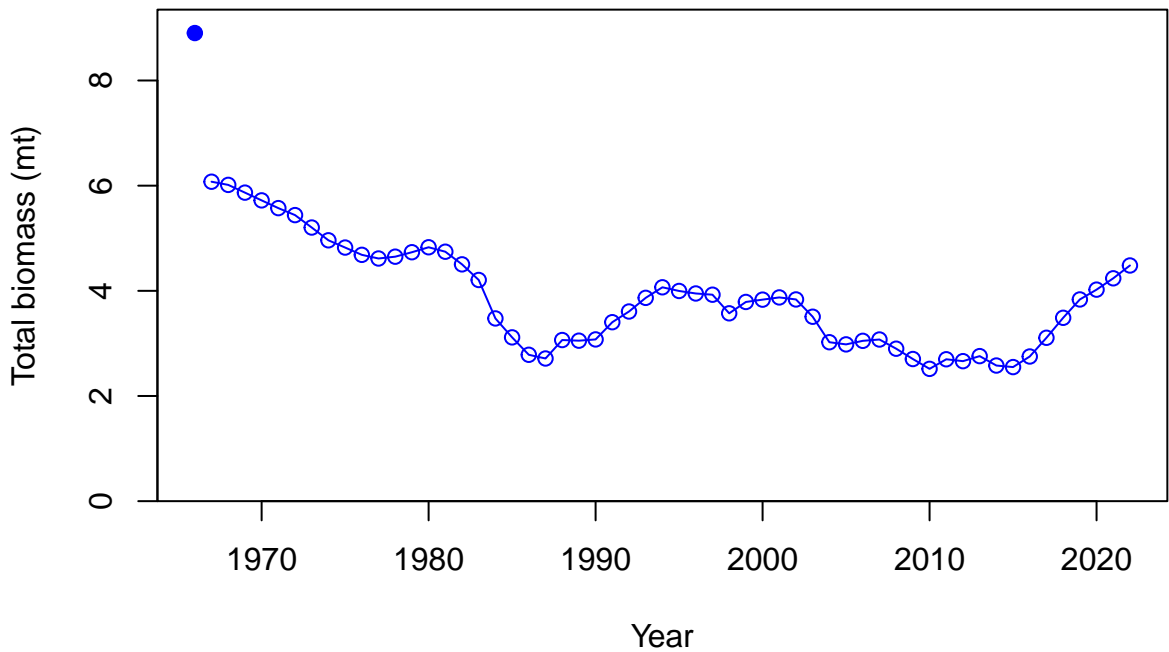


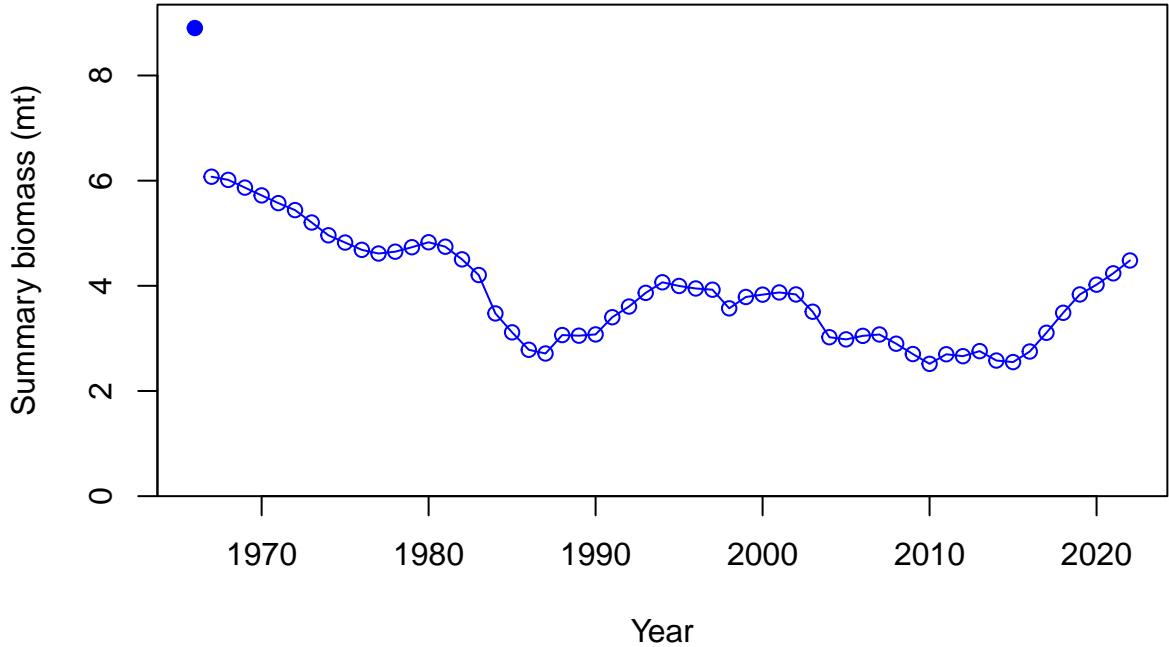
Relative spawning biomass: B/B_{MSY}



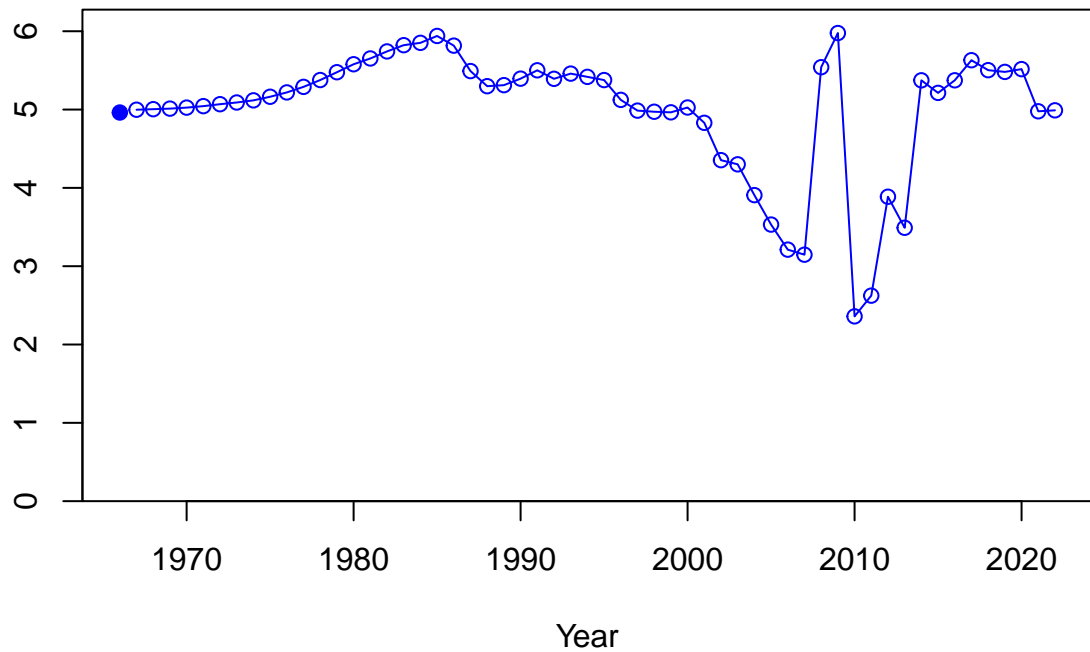
Relative spawning biomass: B/B_{MSY}



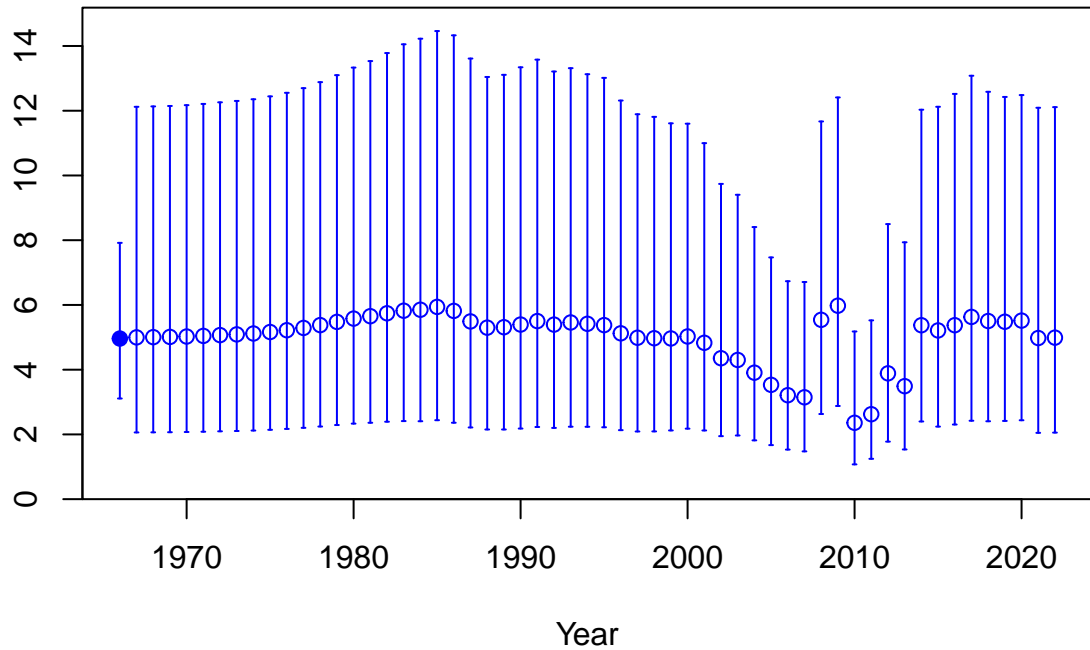




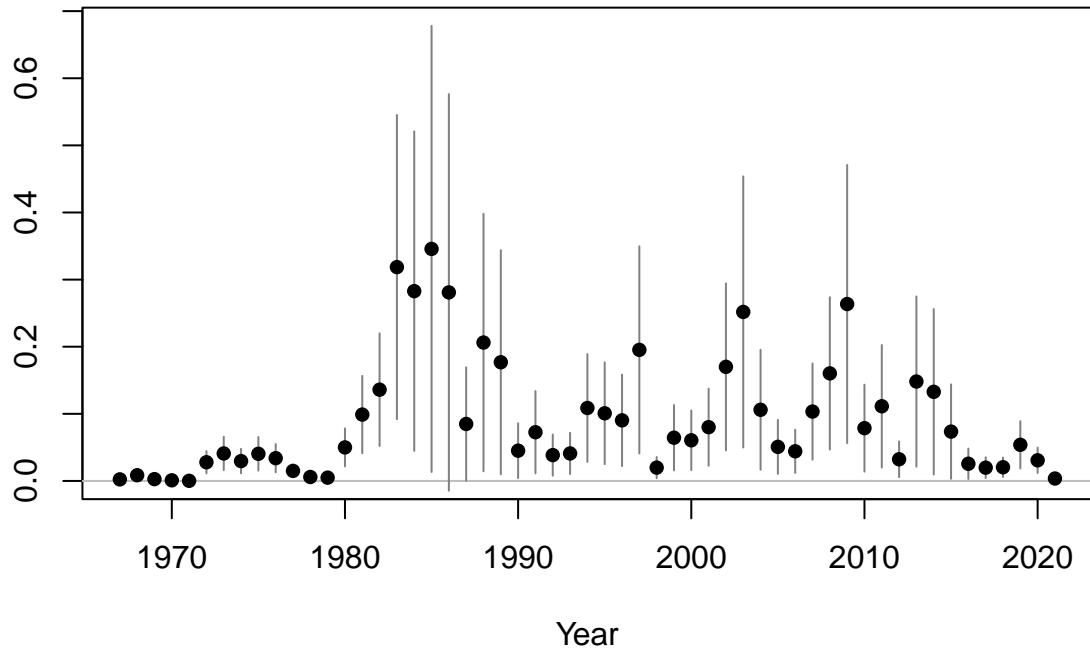
Age-0 recruits (1,000s)

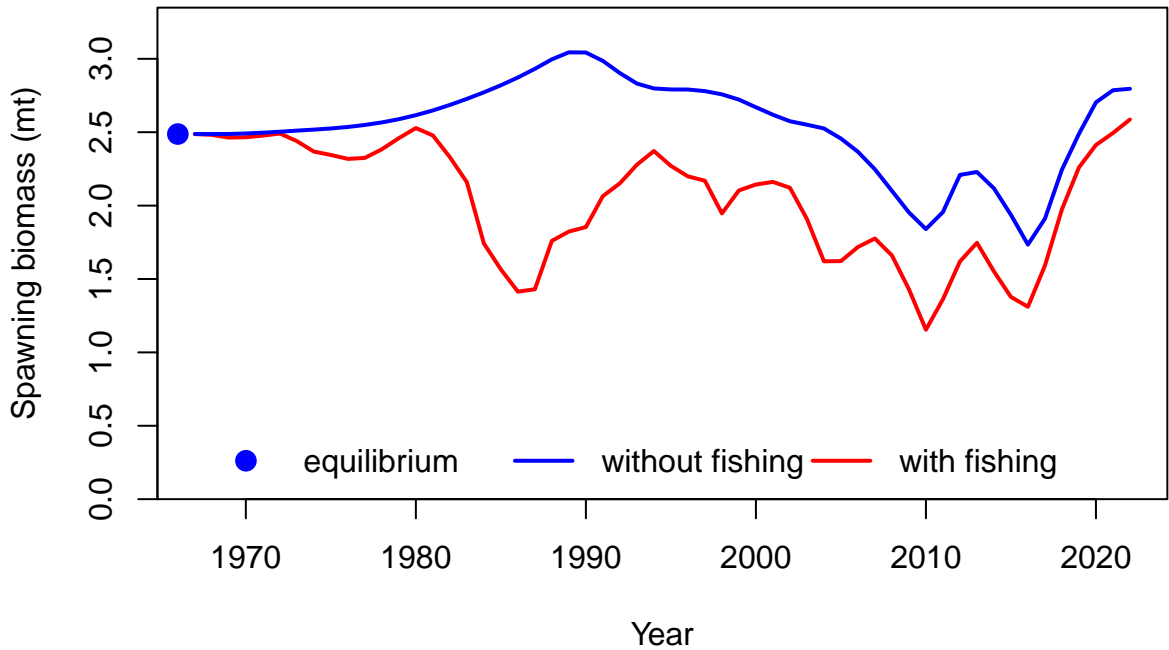


Age-0 recruits (1,000s)

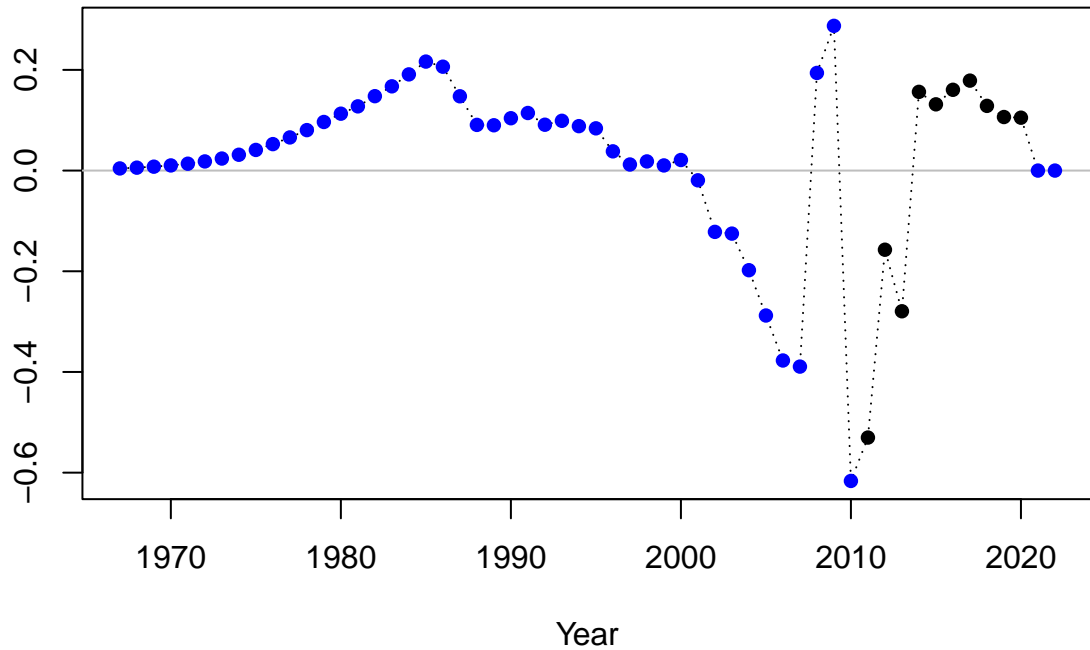


Summary Fishing Mortality

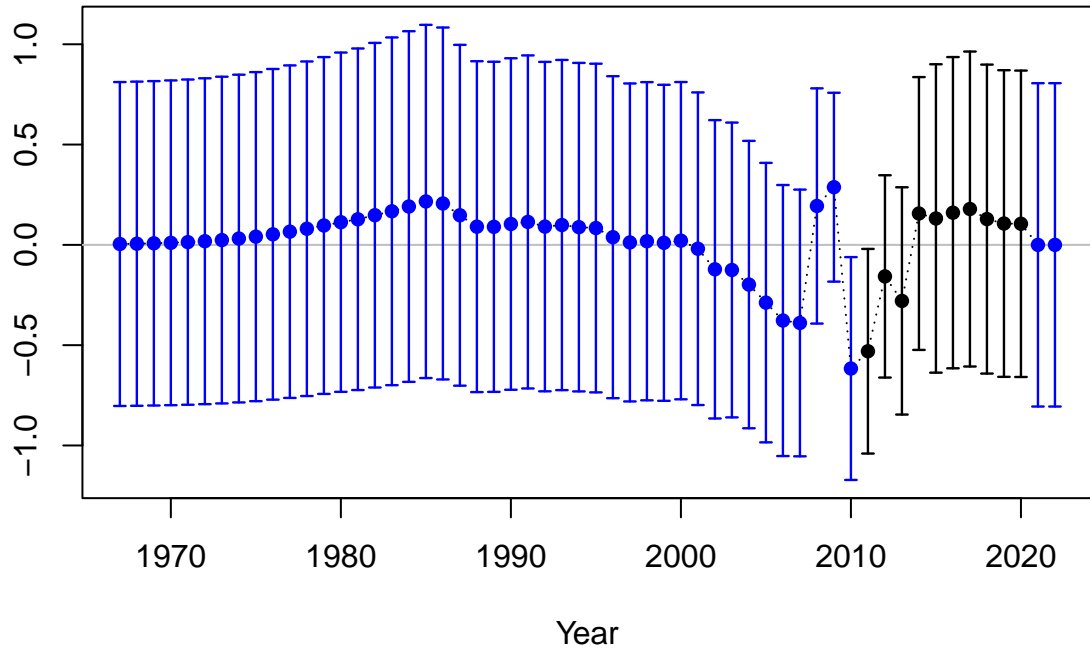




Log recruitment deviation

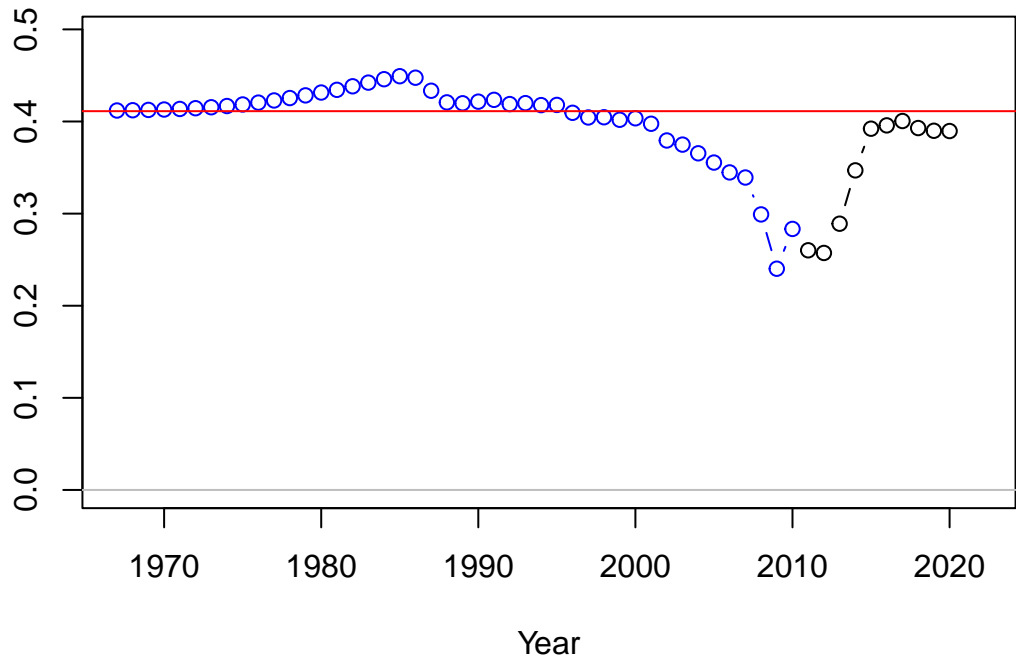


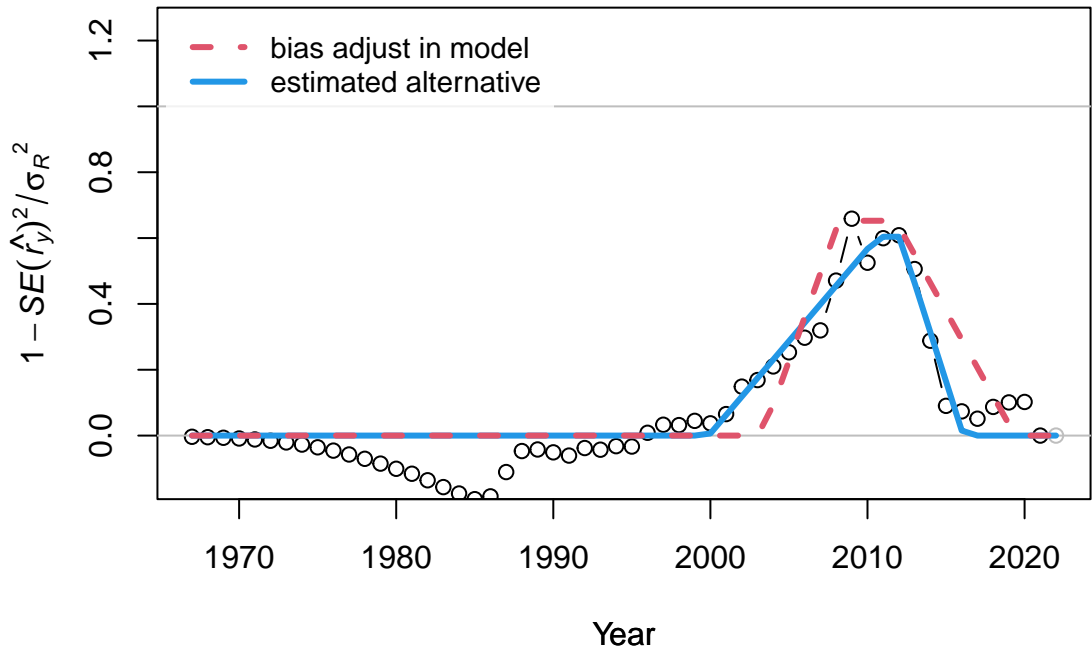
Log recruitment deviation

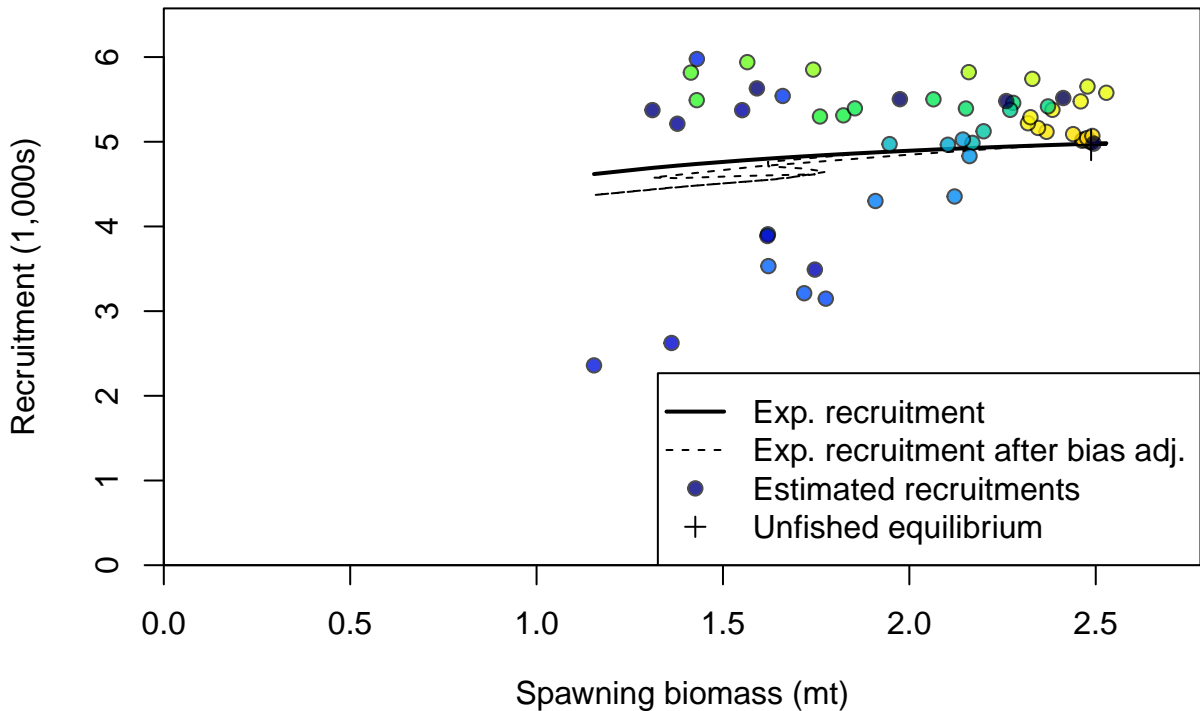


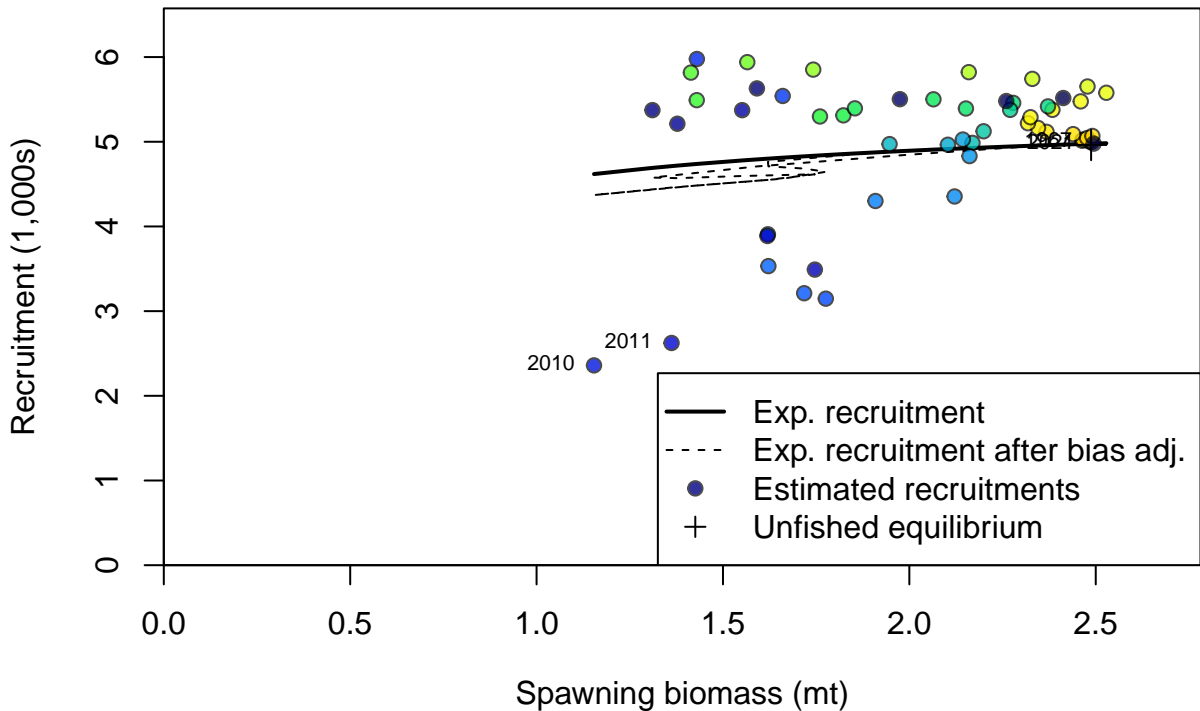
Recruitment deviation variance

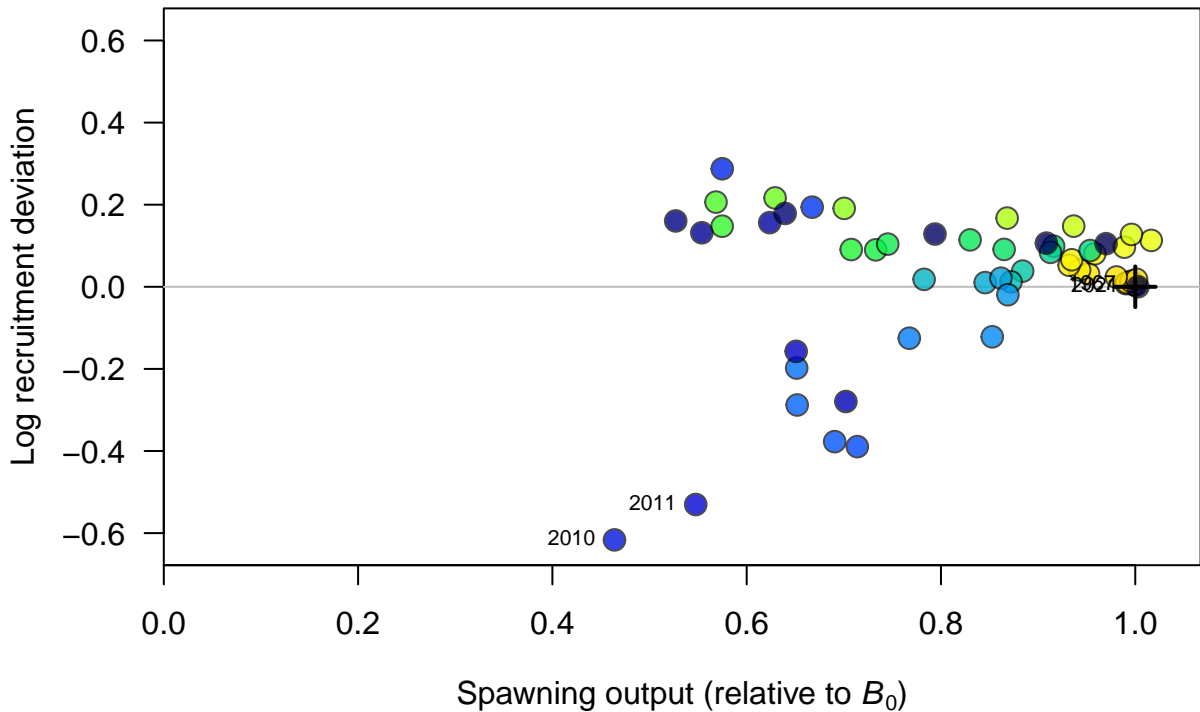
Asymptotic standard error estimate

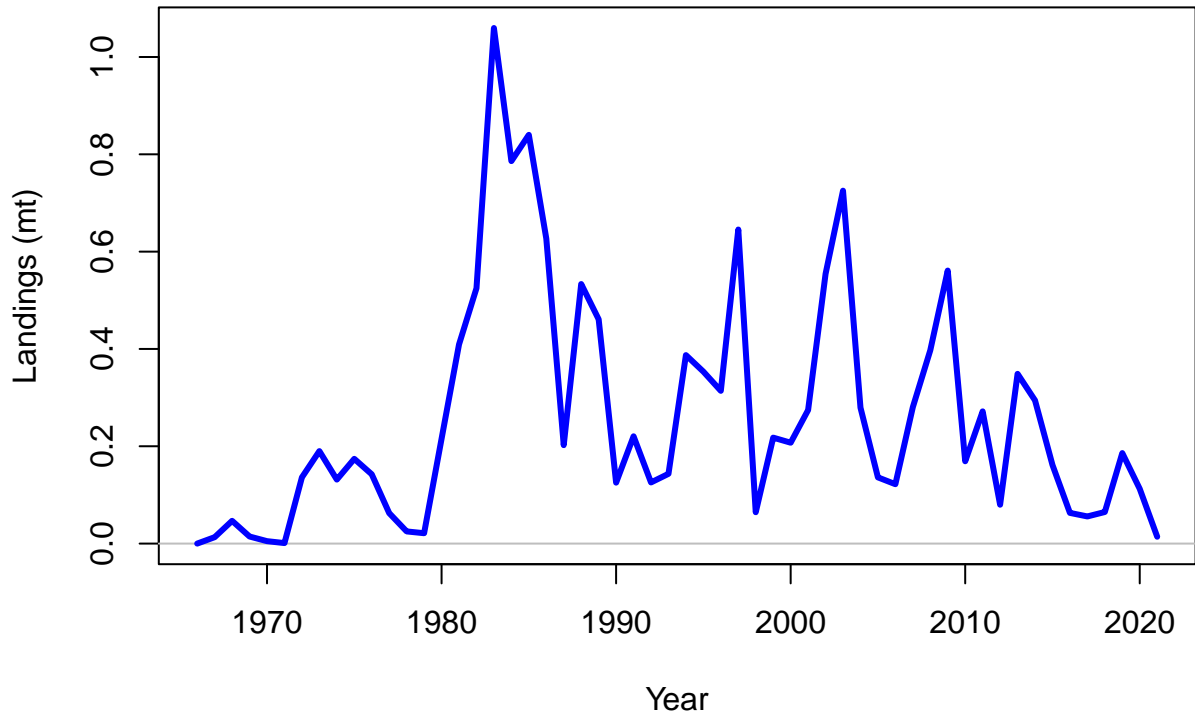


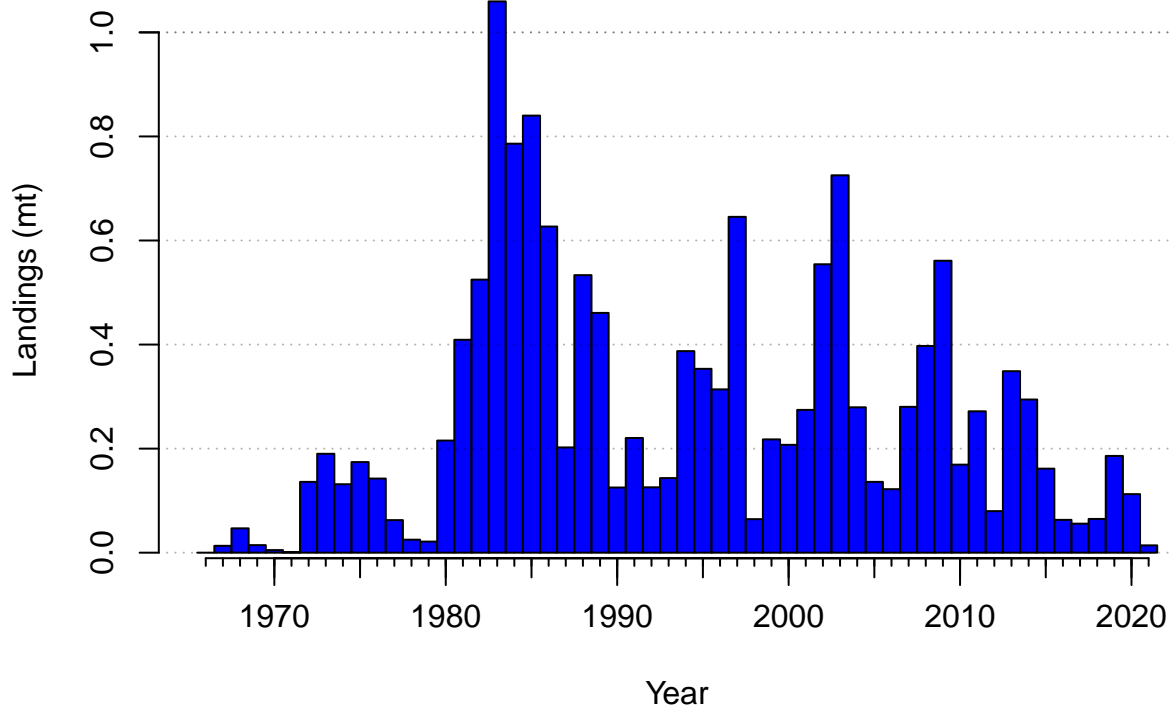


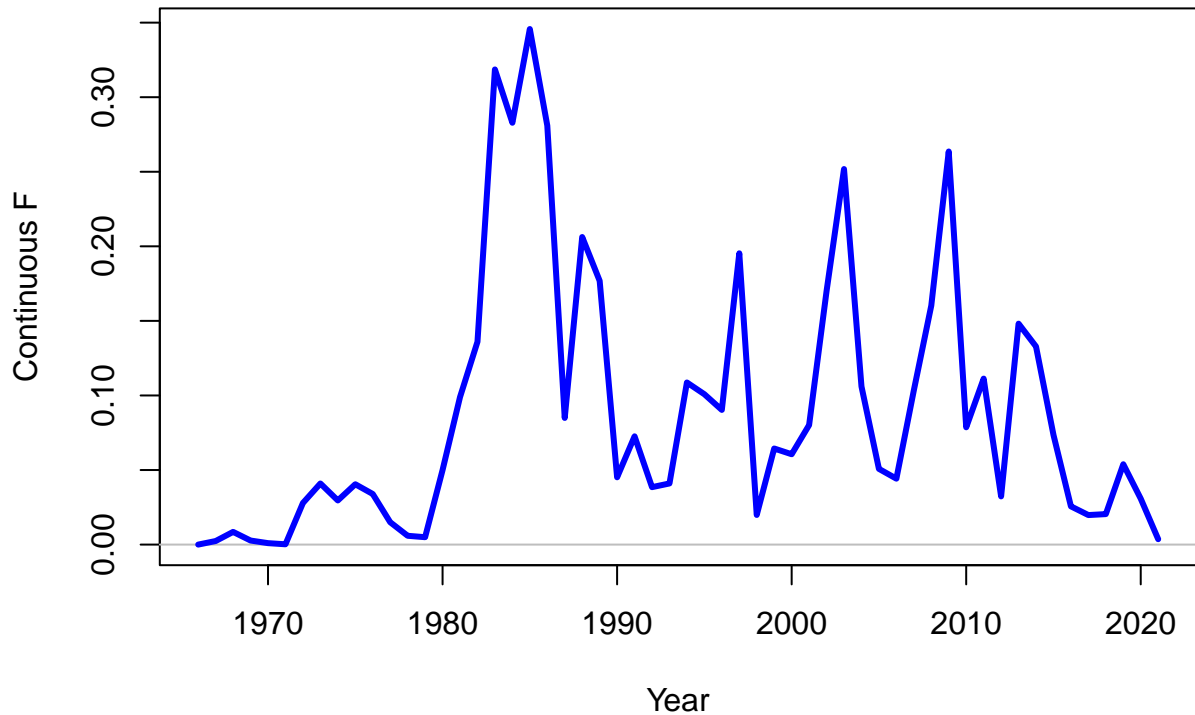




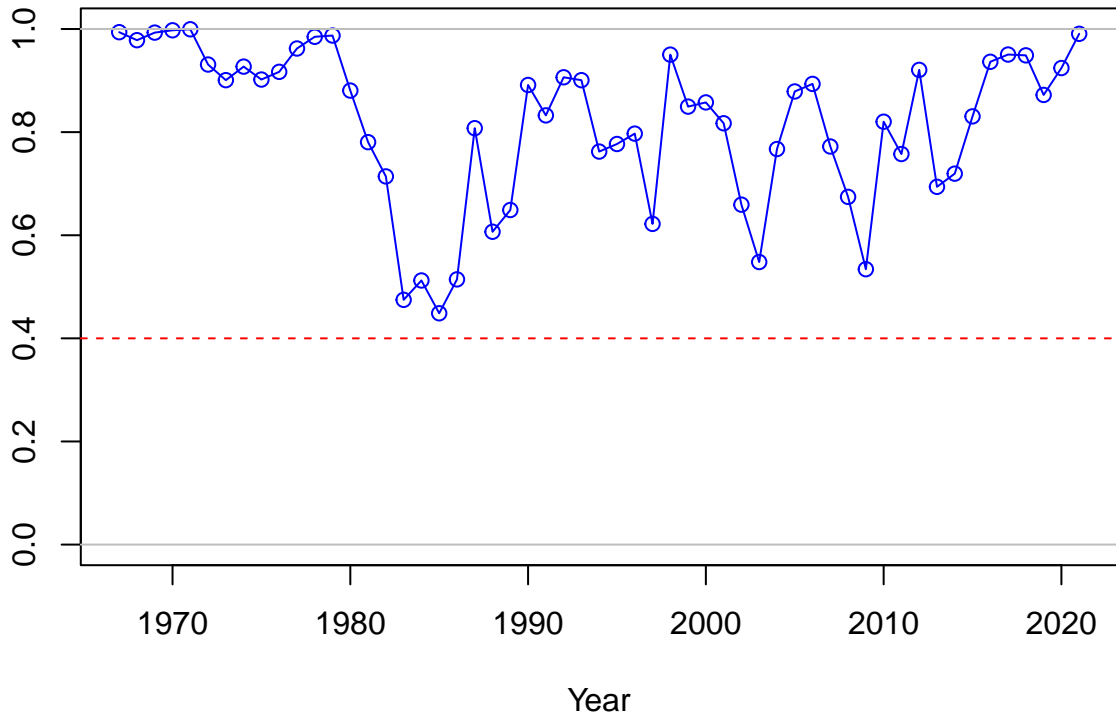




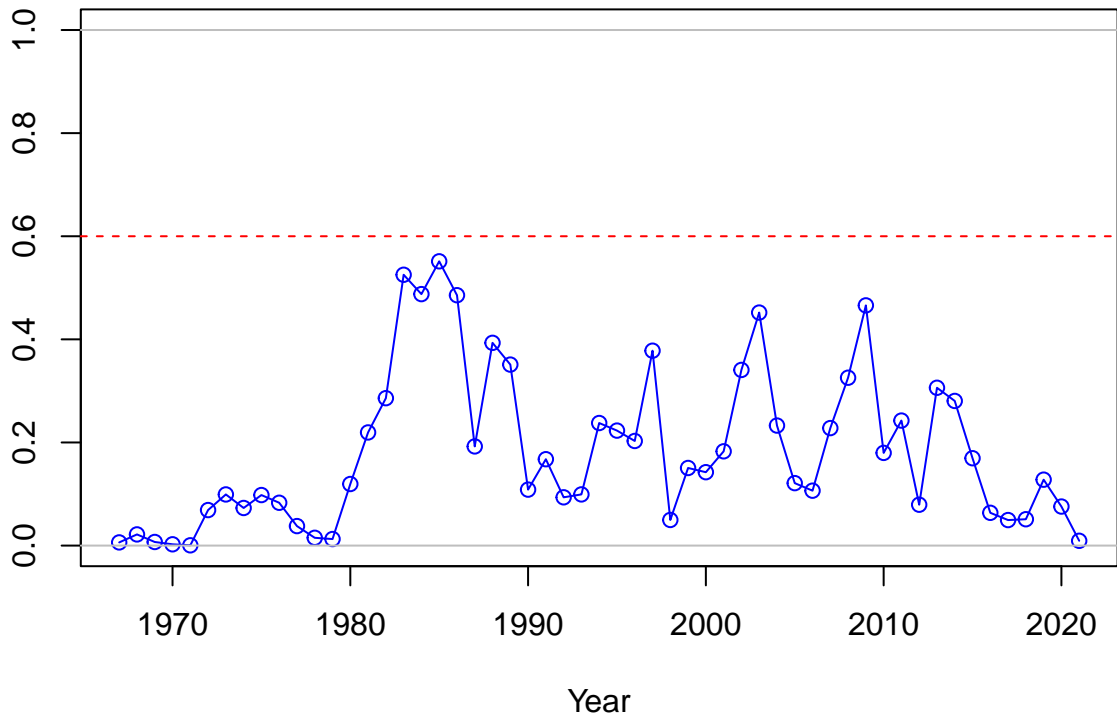




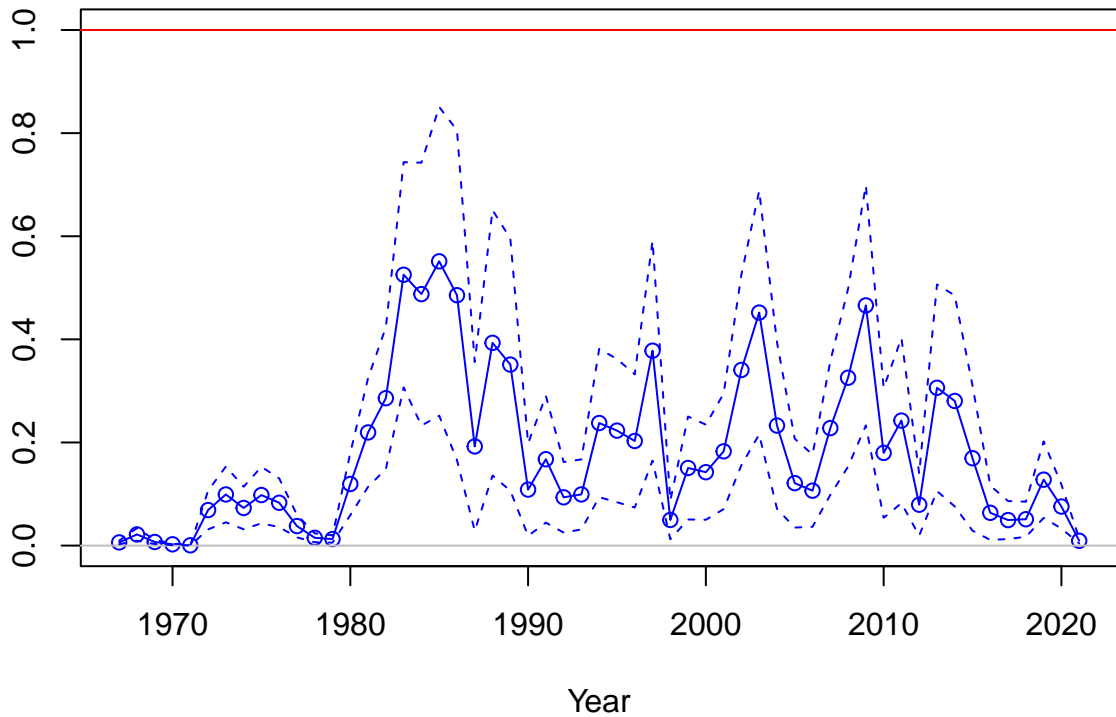
SPR



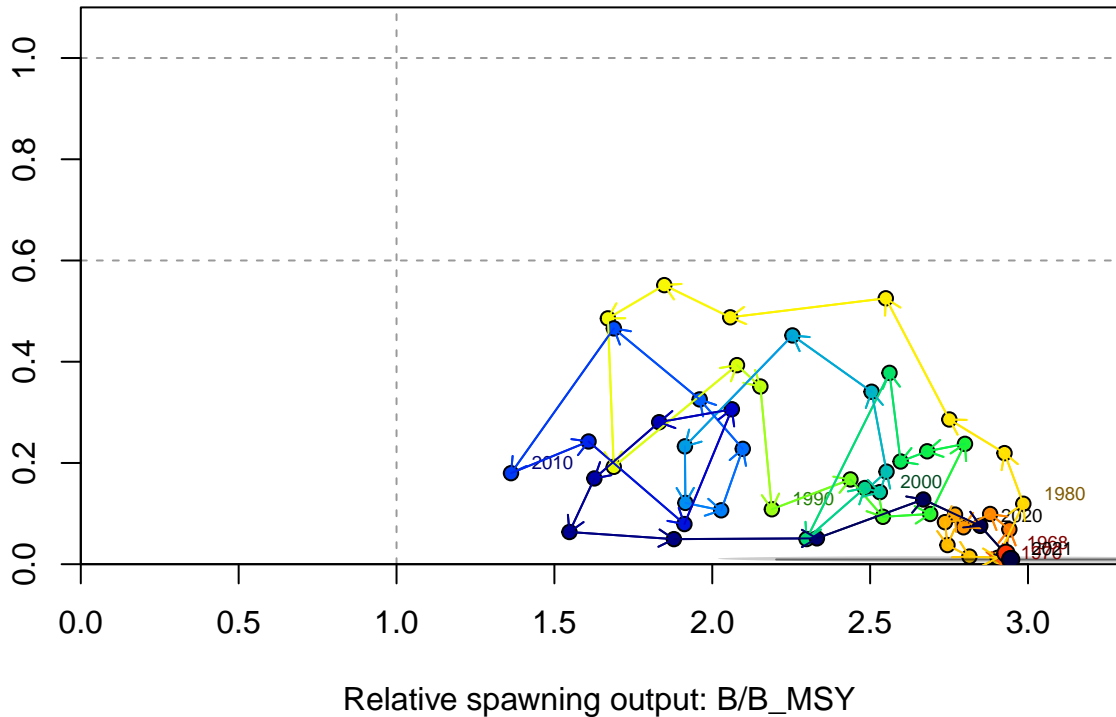
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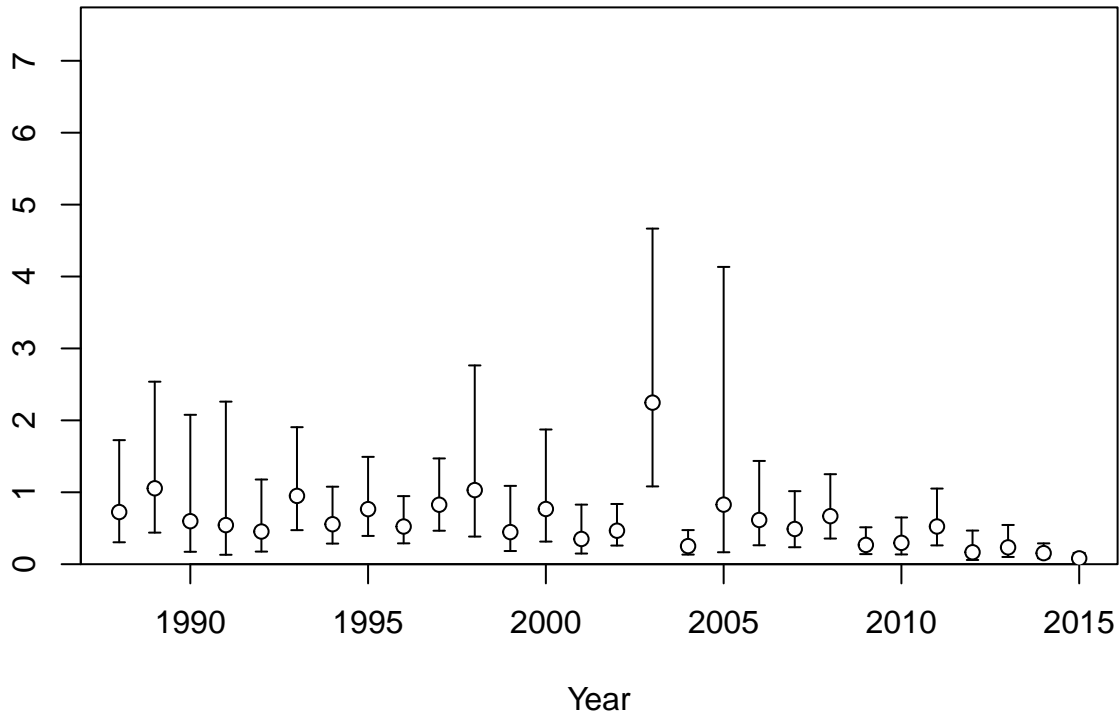
Fishing intensity: 1-SPR



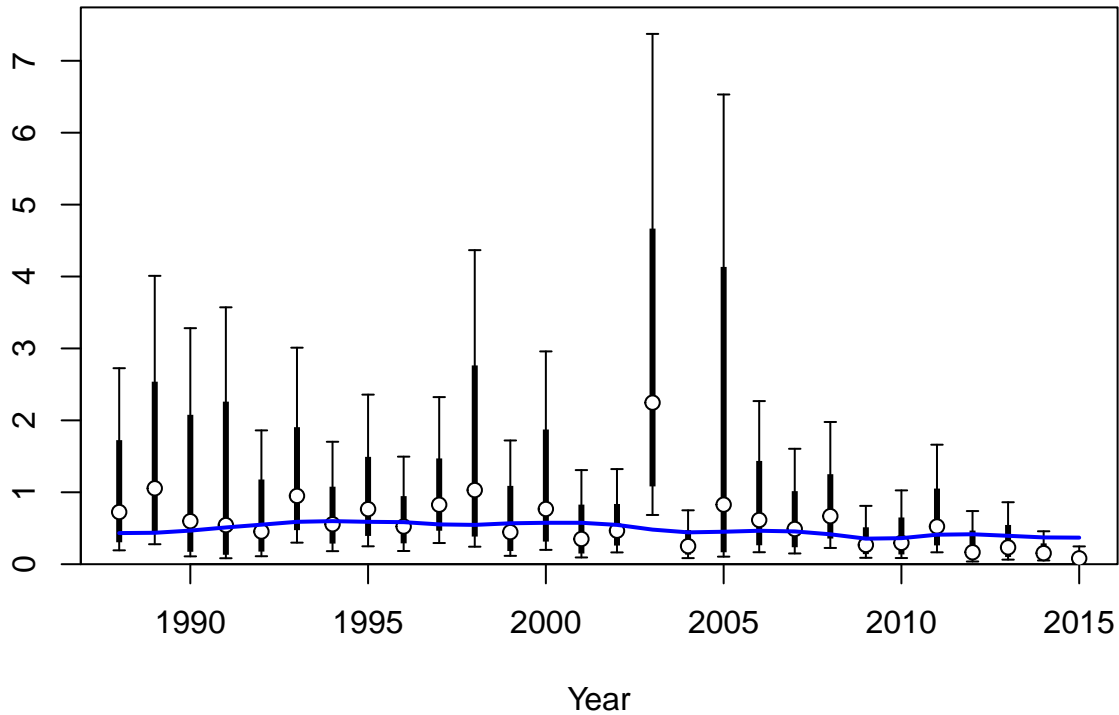
Fishing intensity: 1-SPR

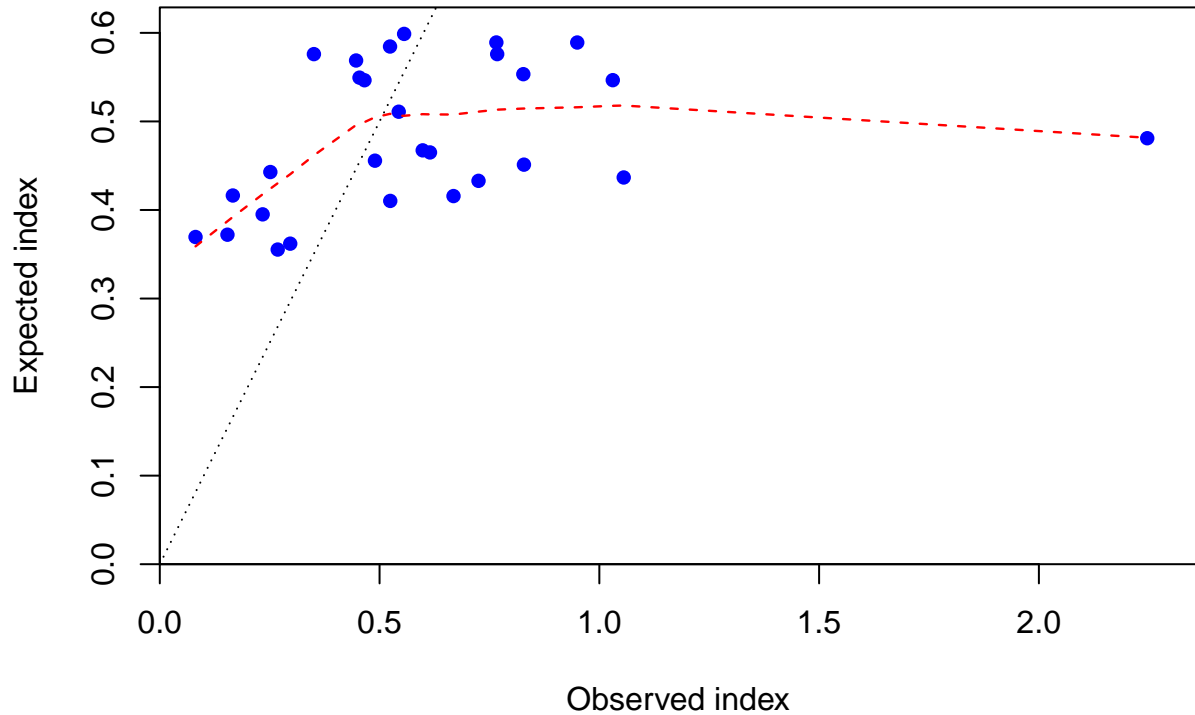


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Log index

2
1
0
-1
-2
-3

1990

1995

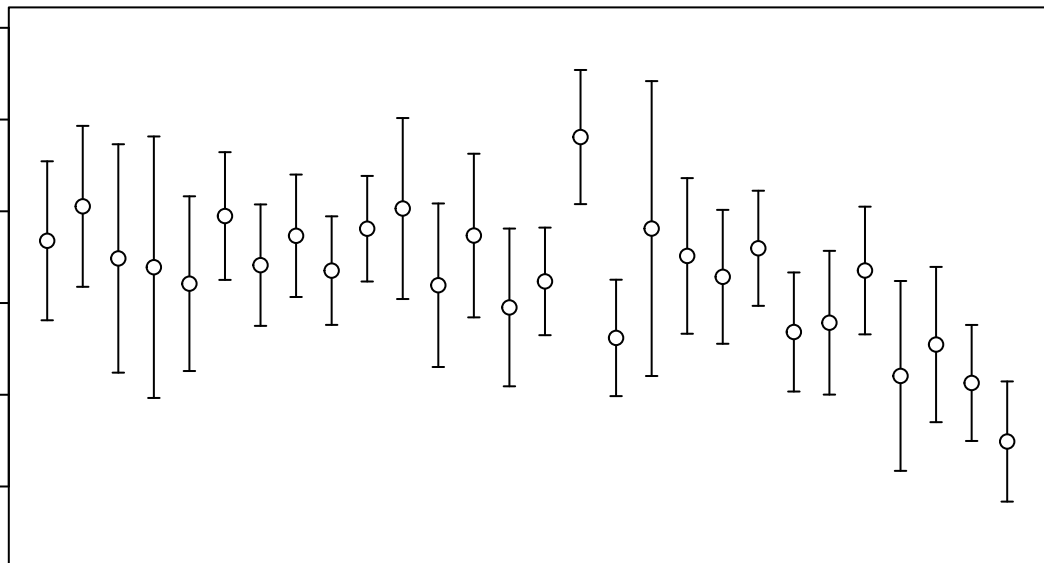
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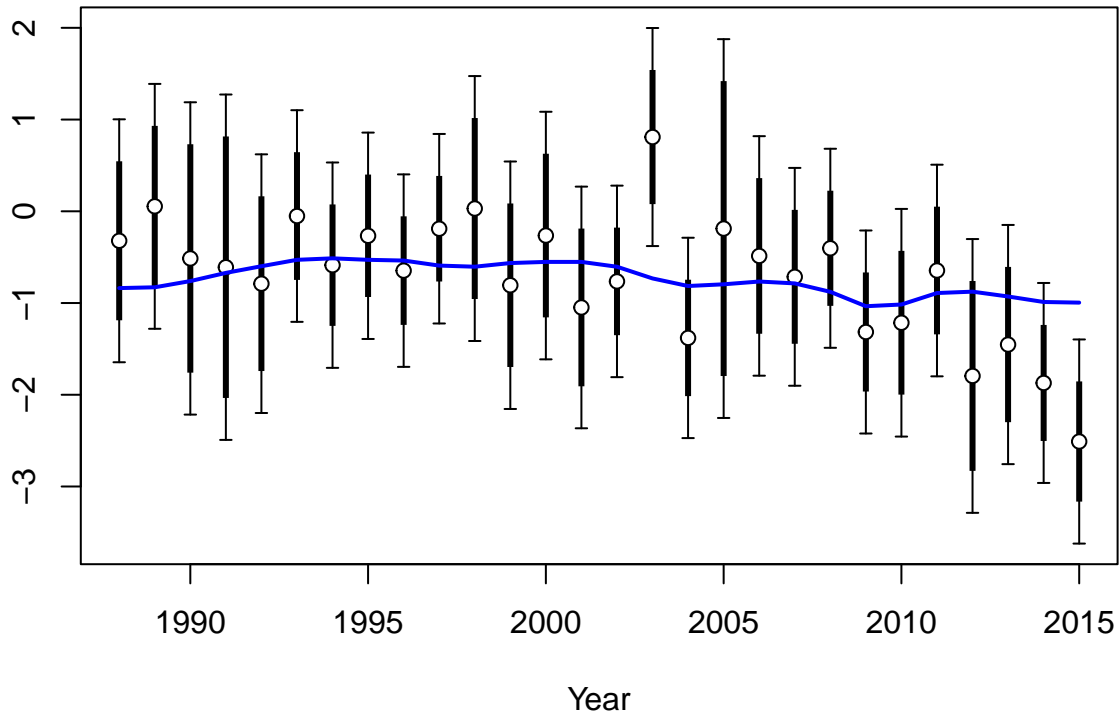
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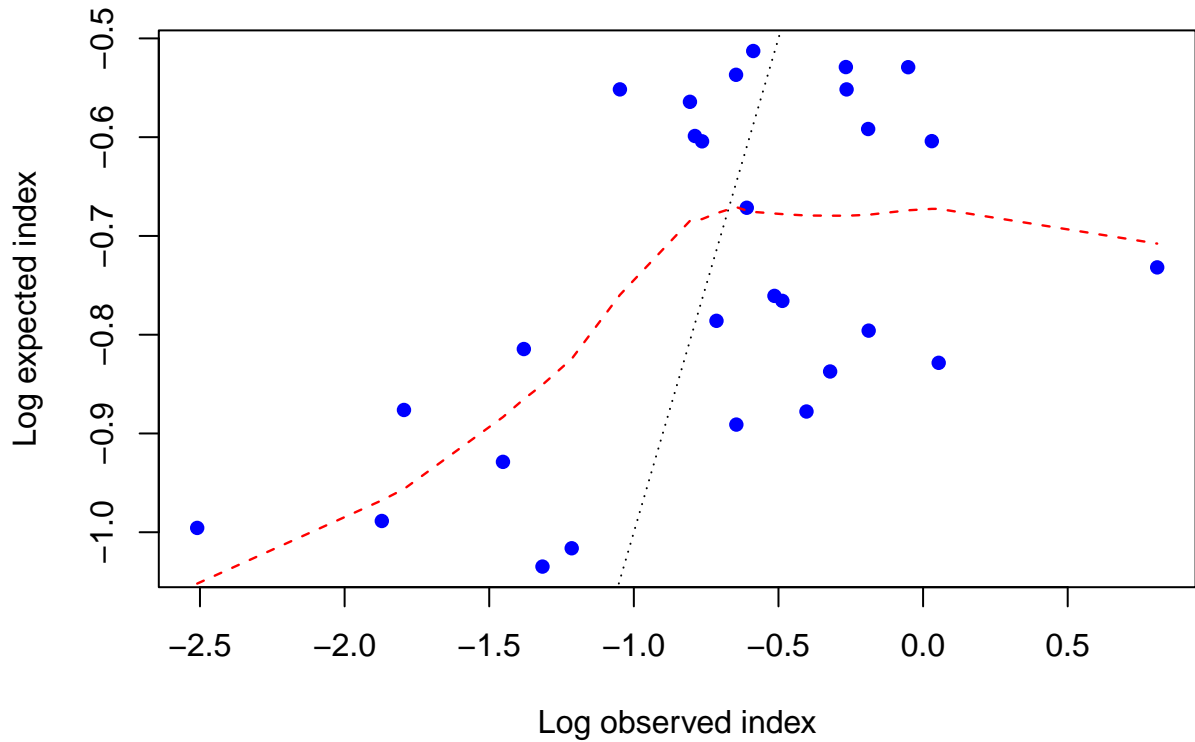
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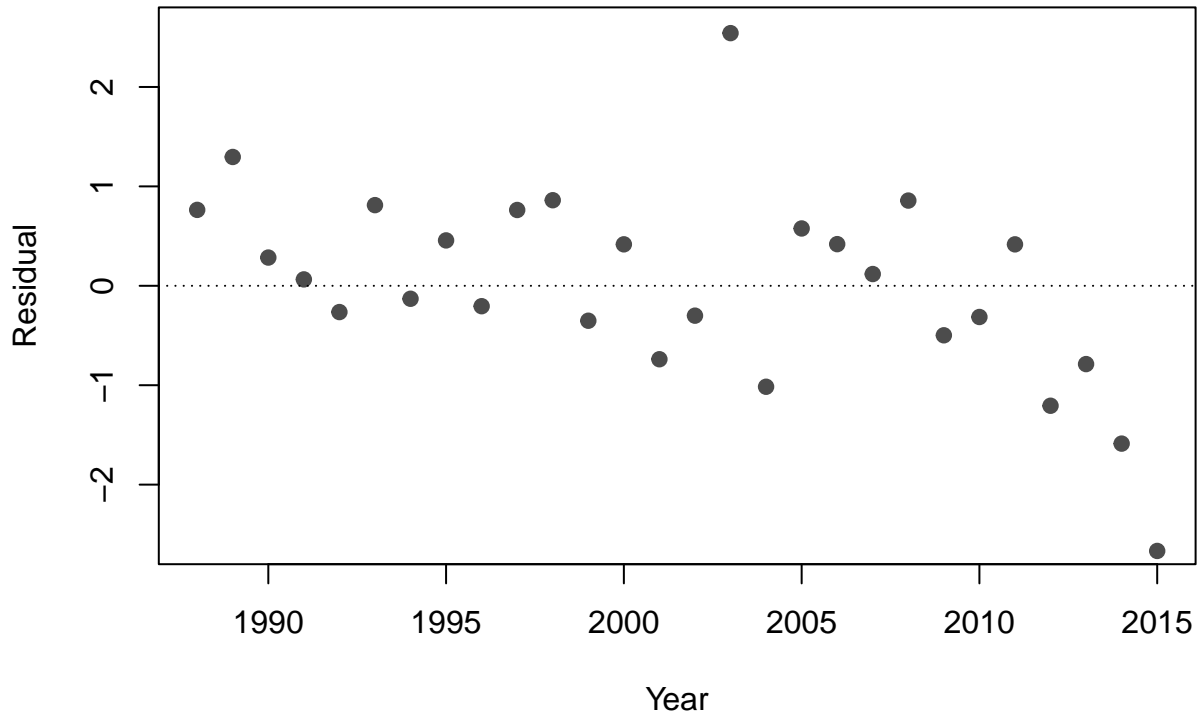
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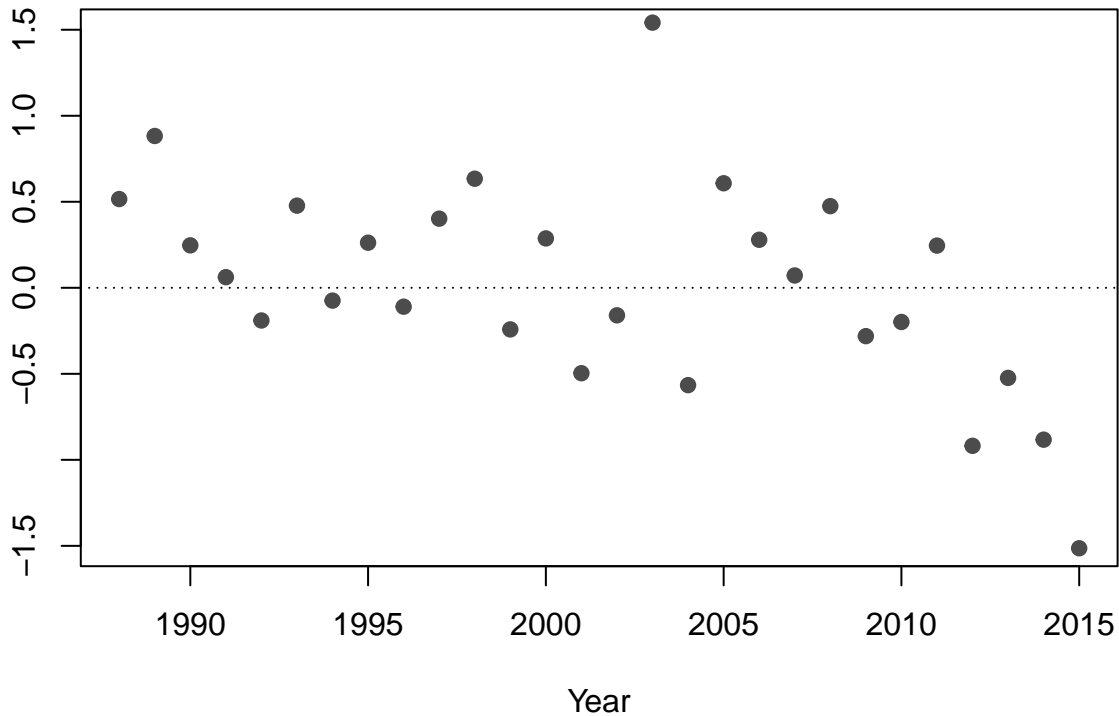
Log index



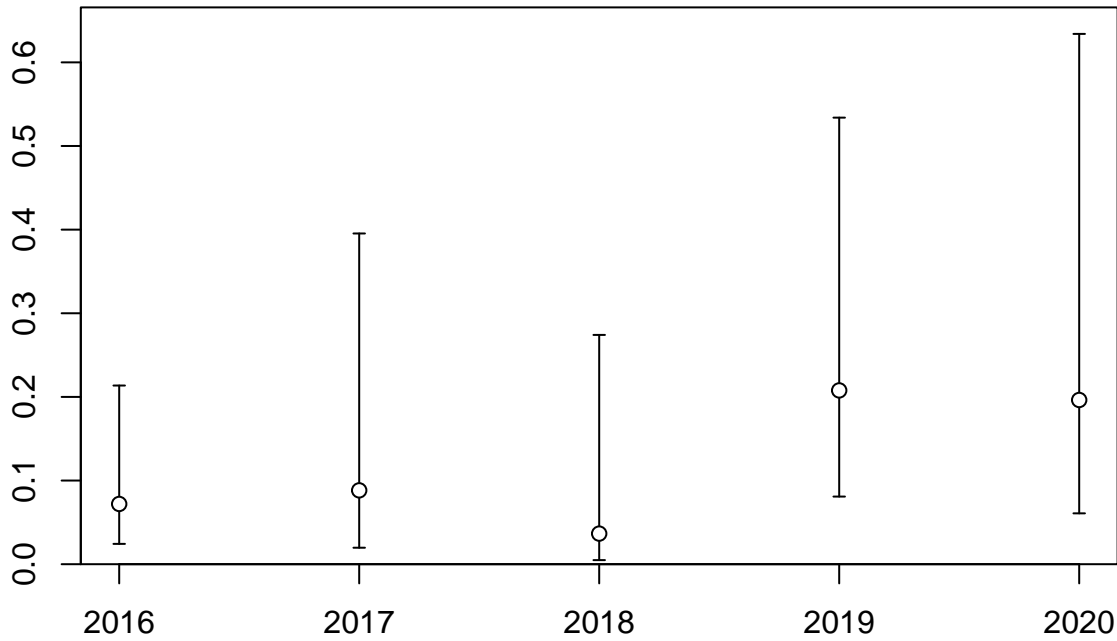




Deviation

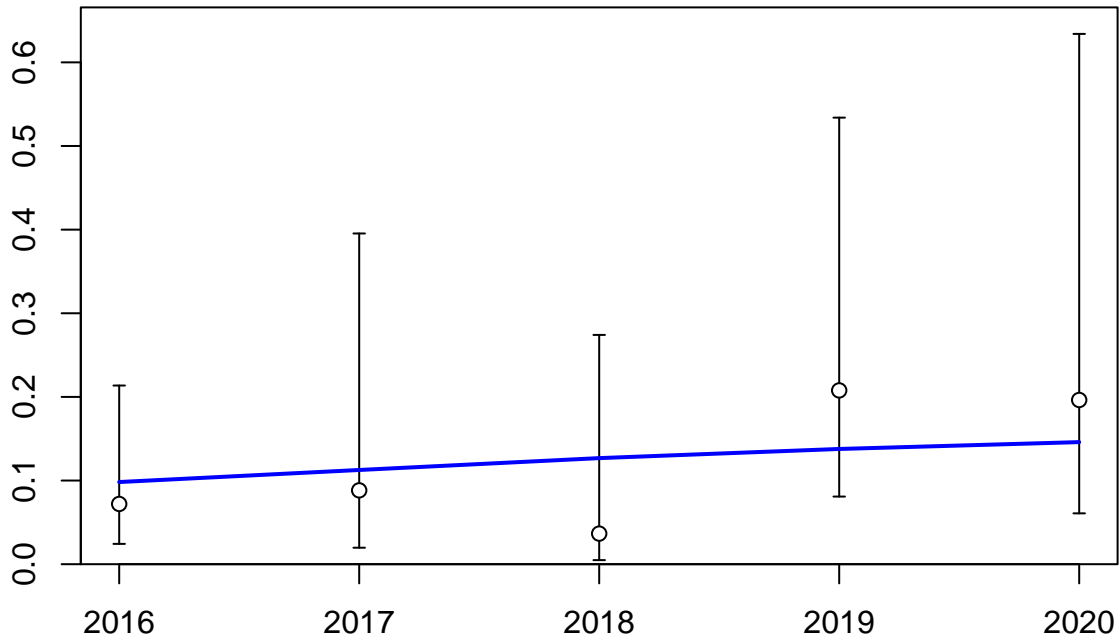


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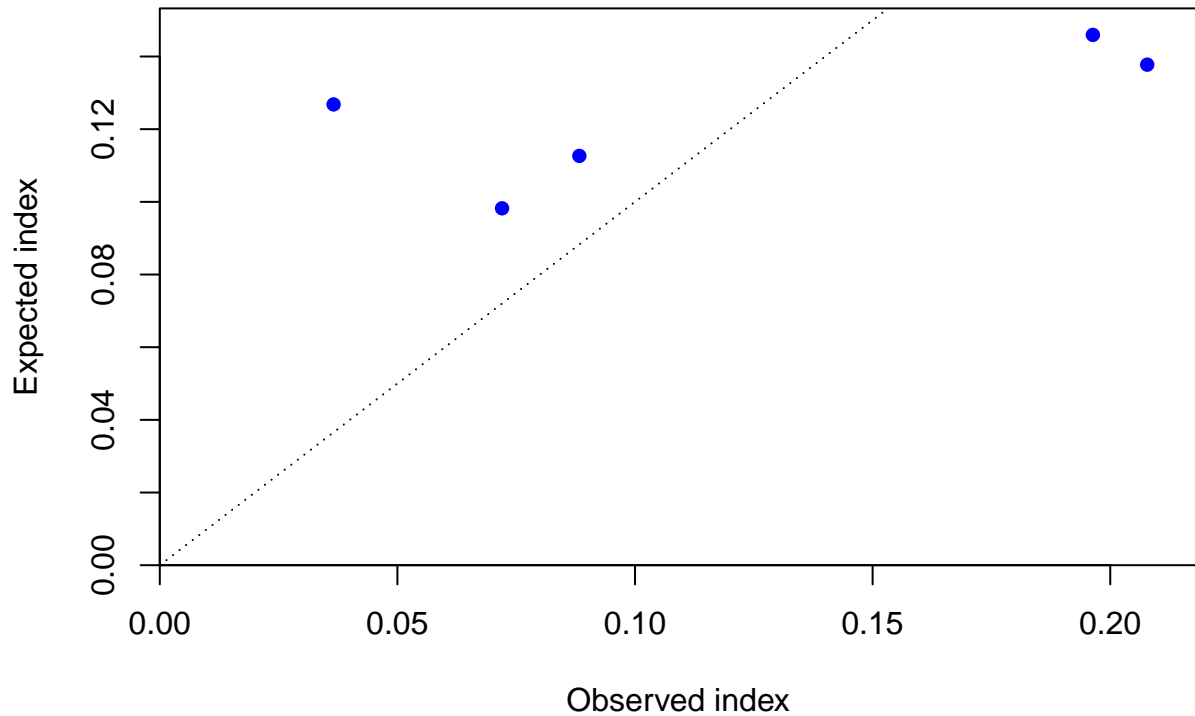


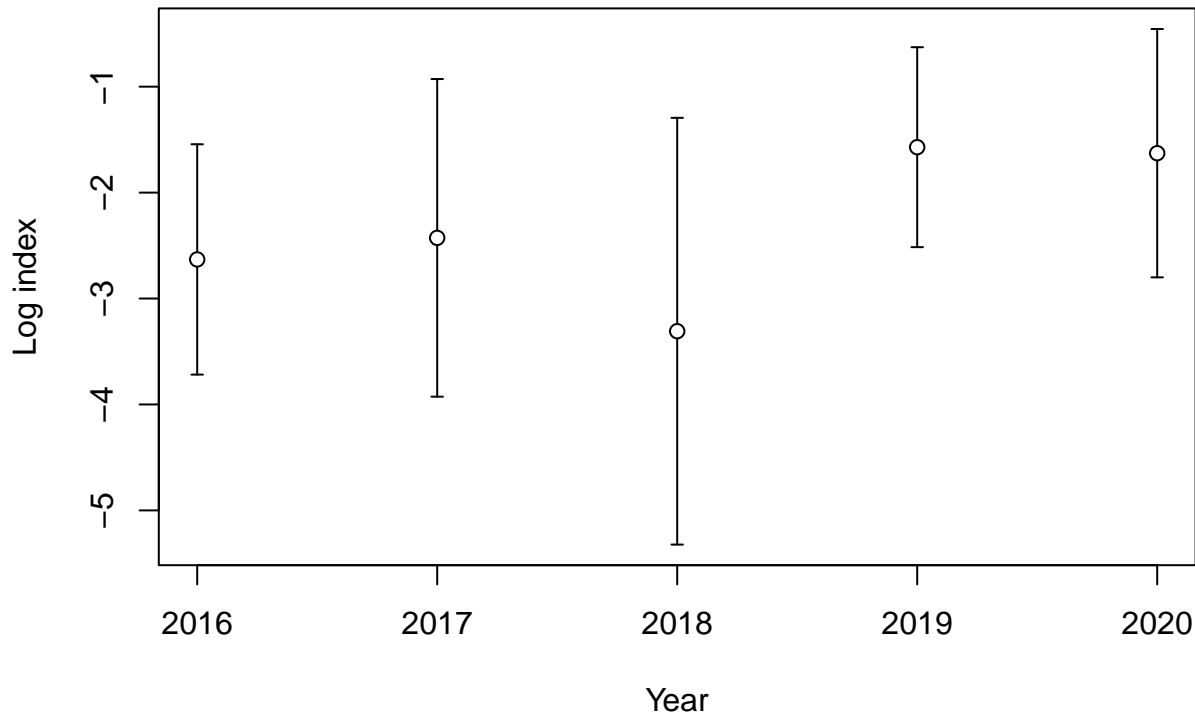
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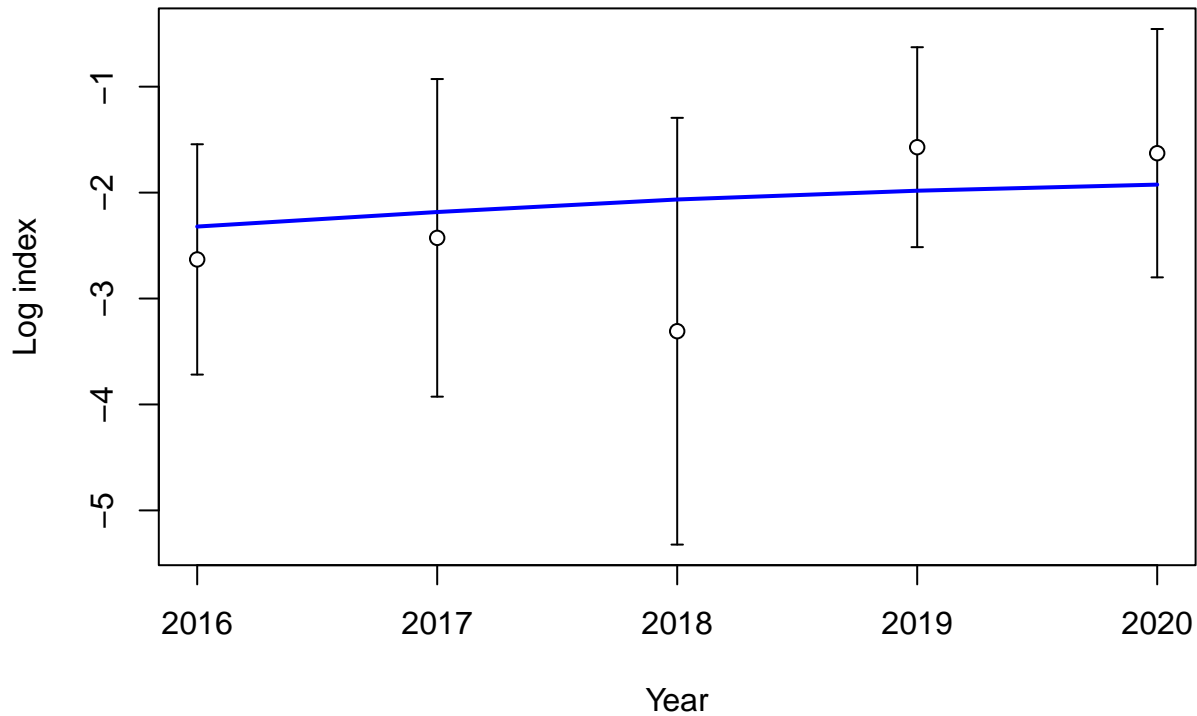
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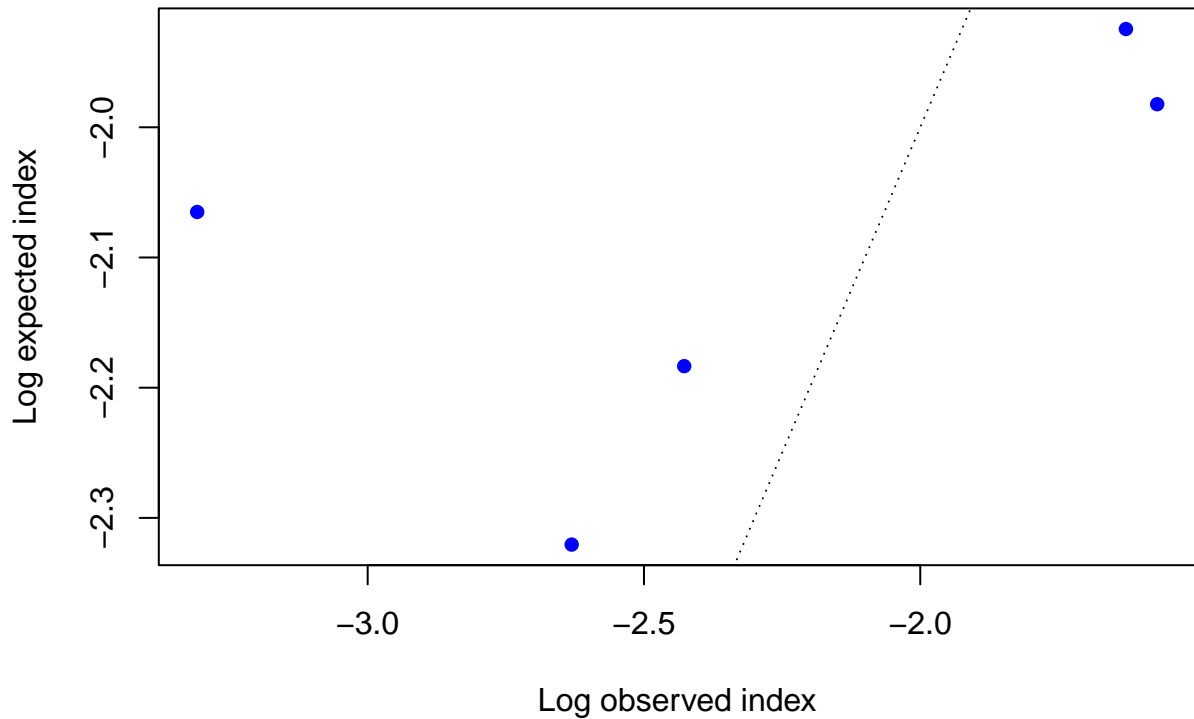


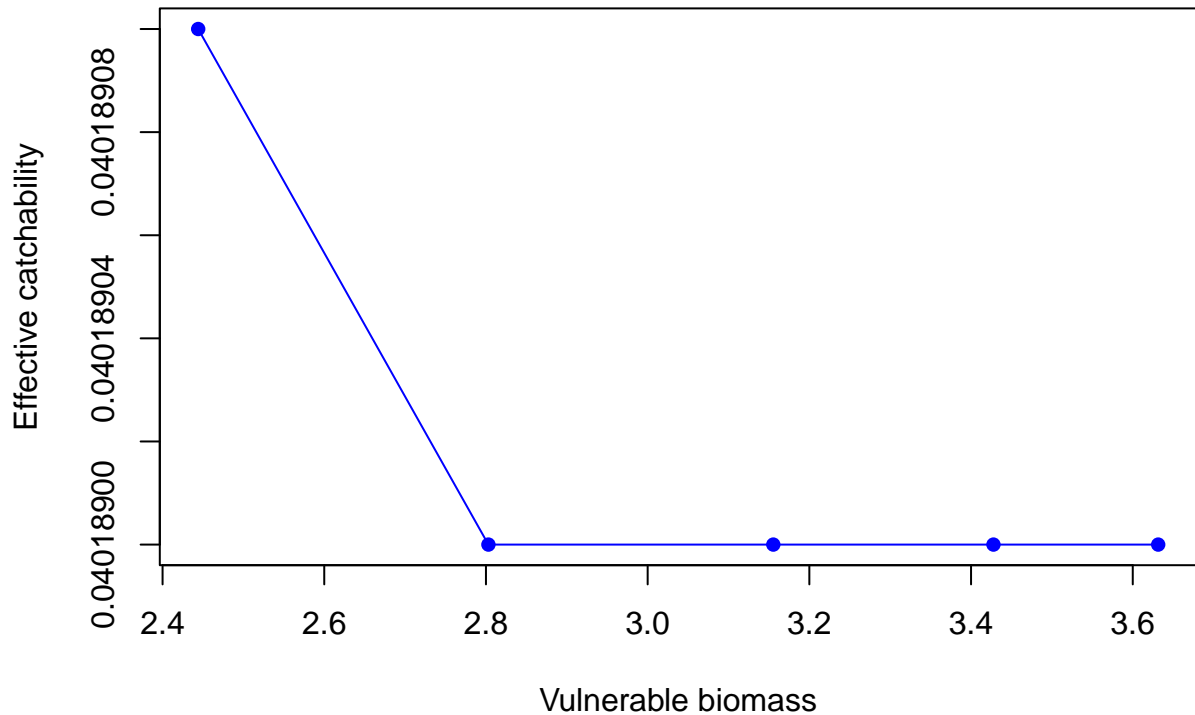
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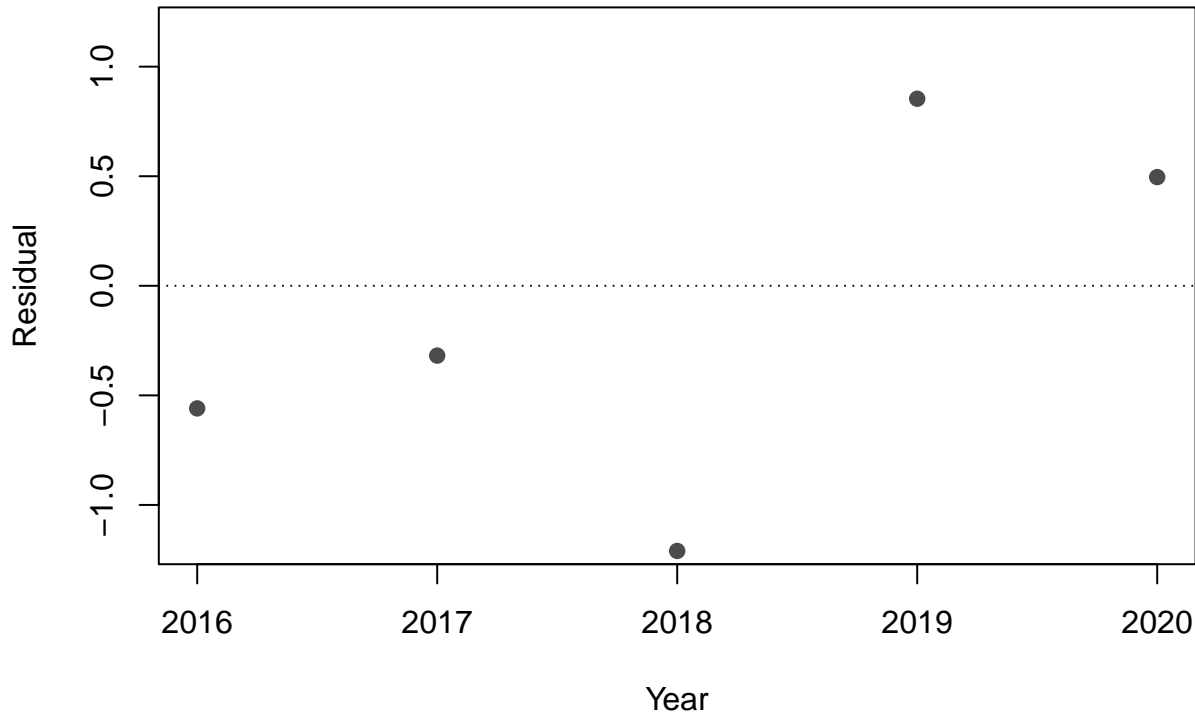


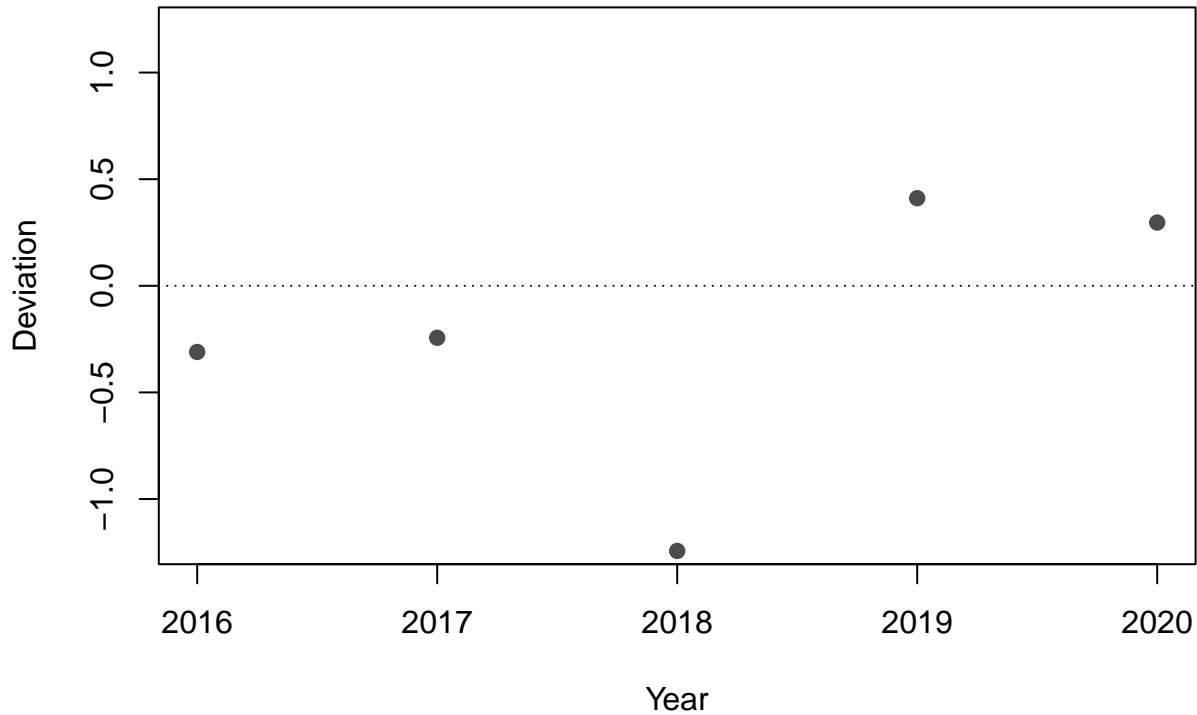


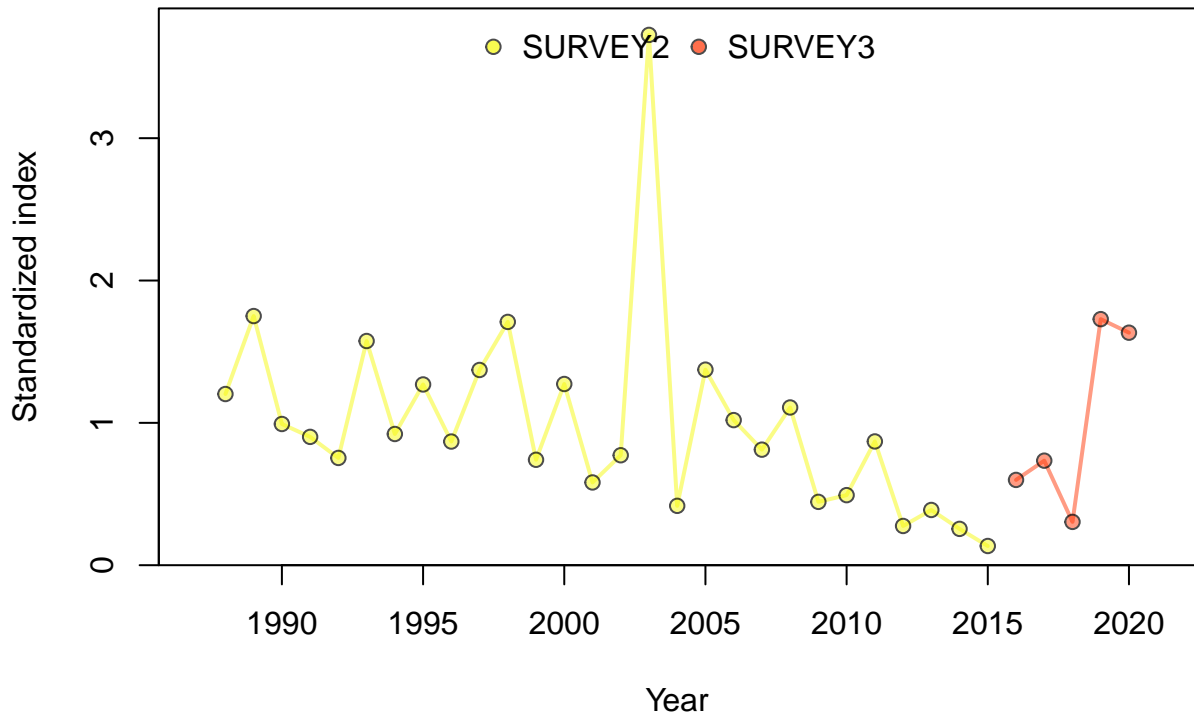


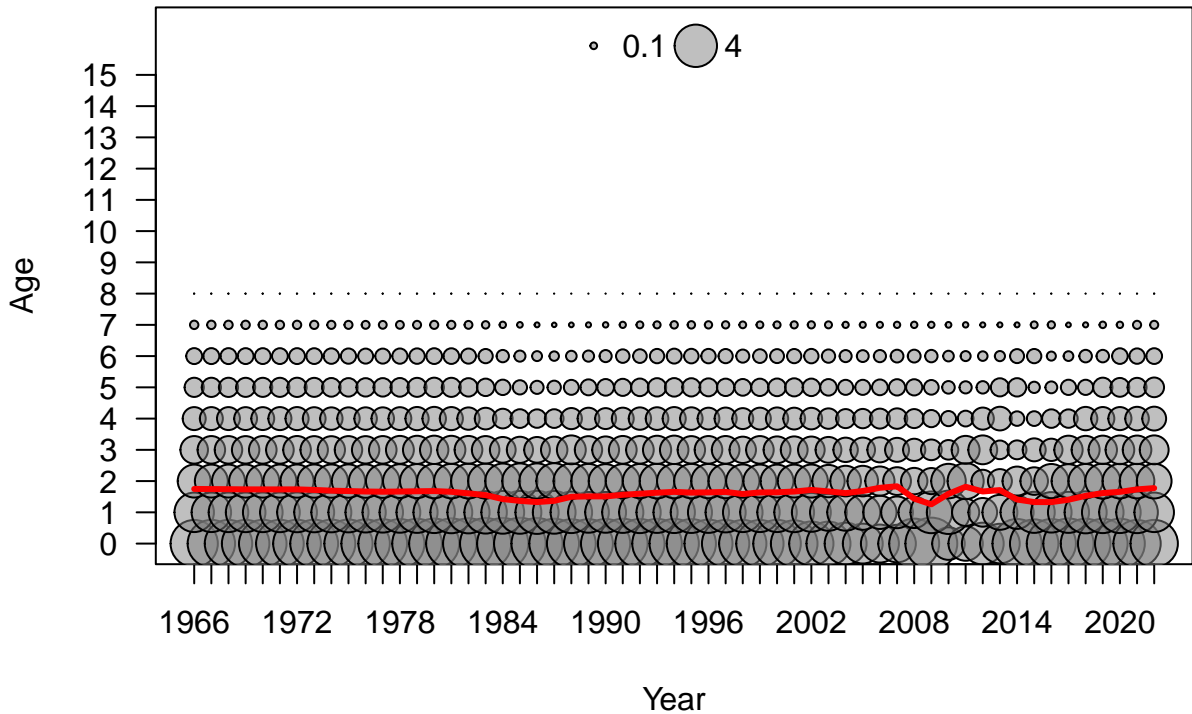


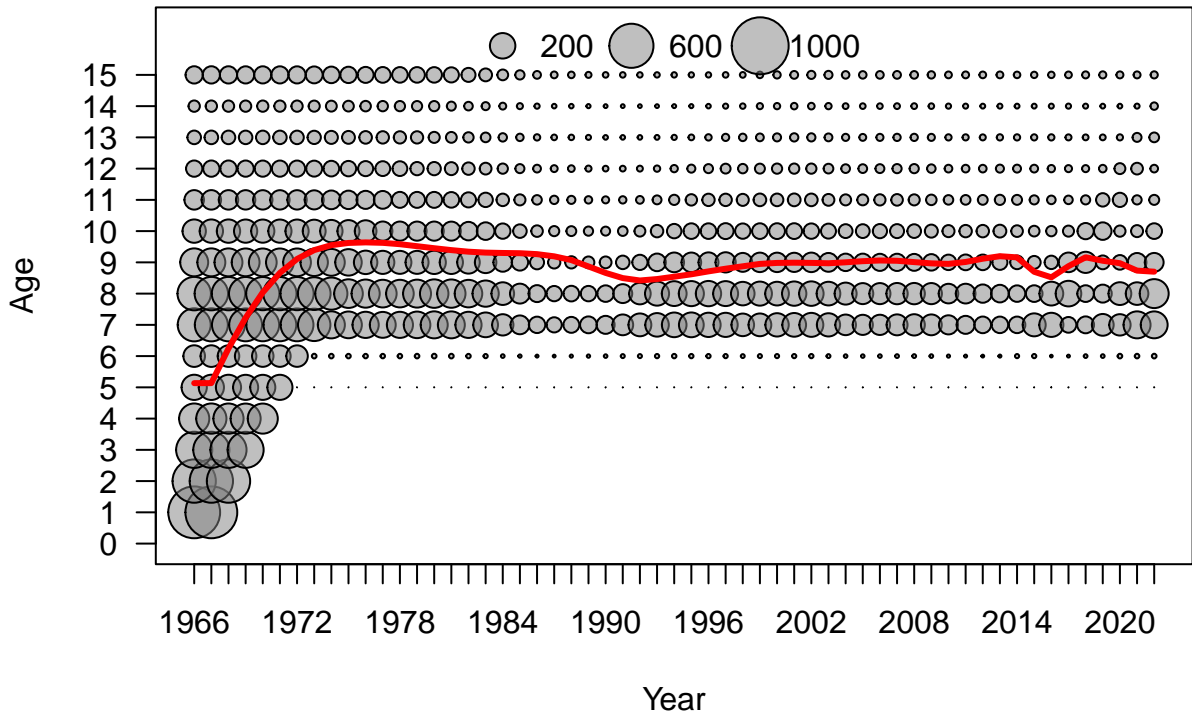


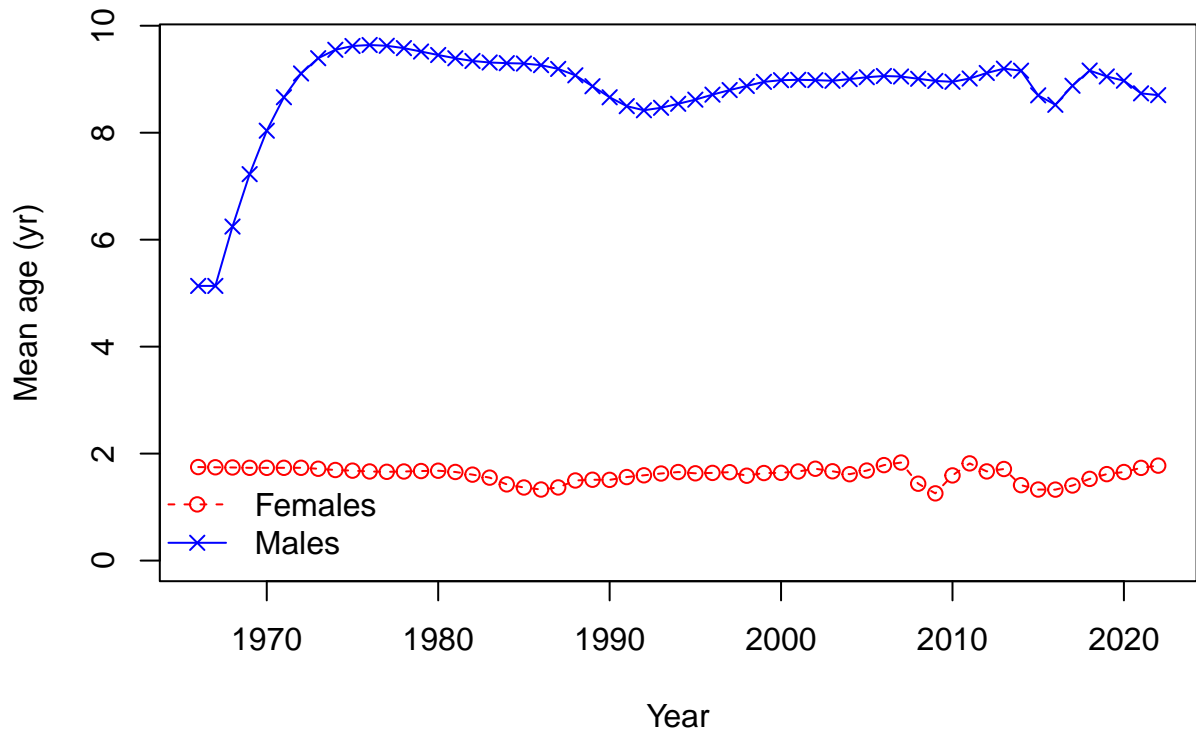


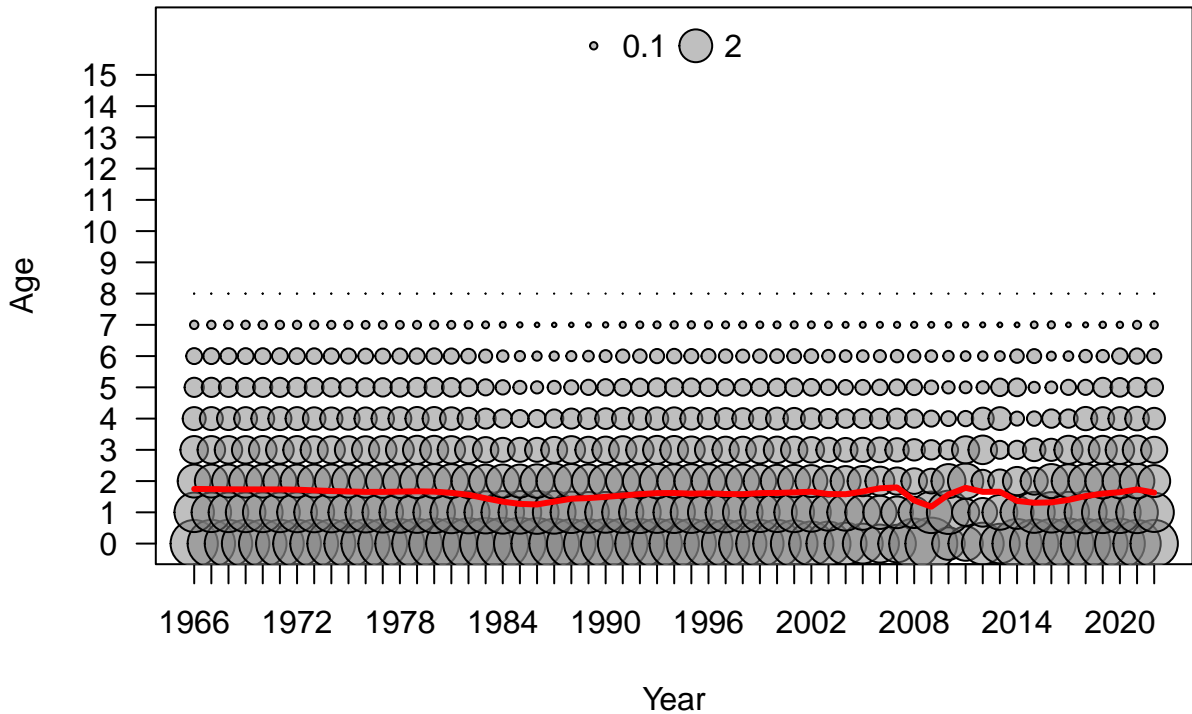


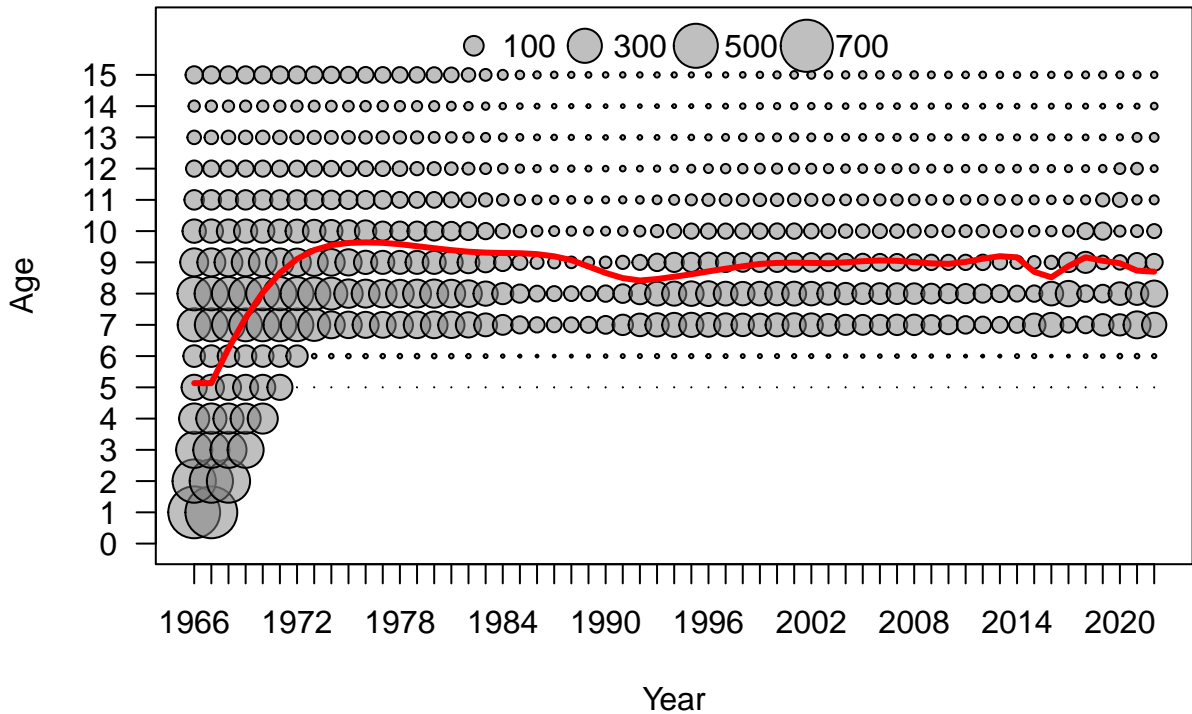


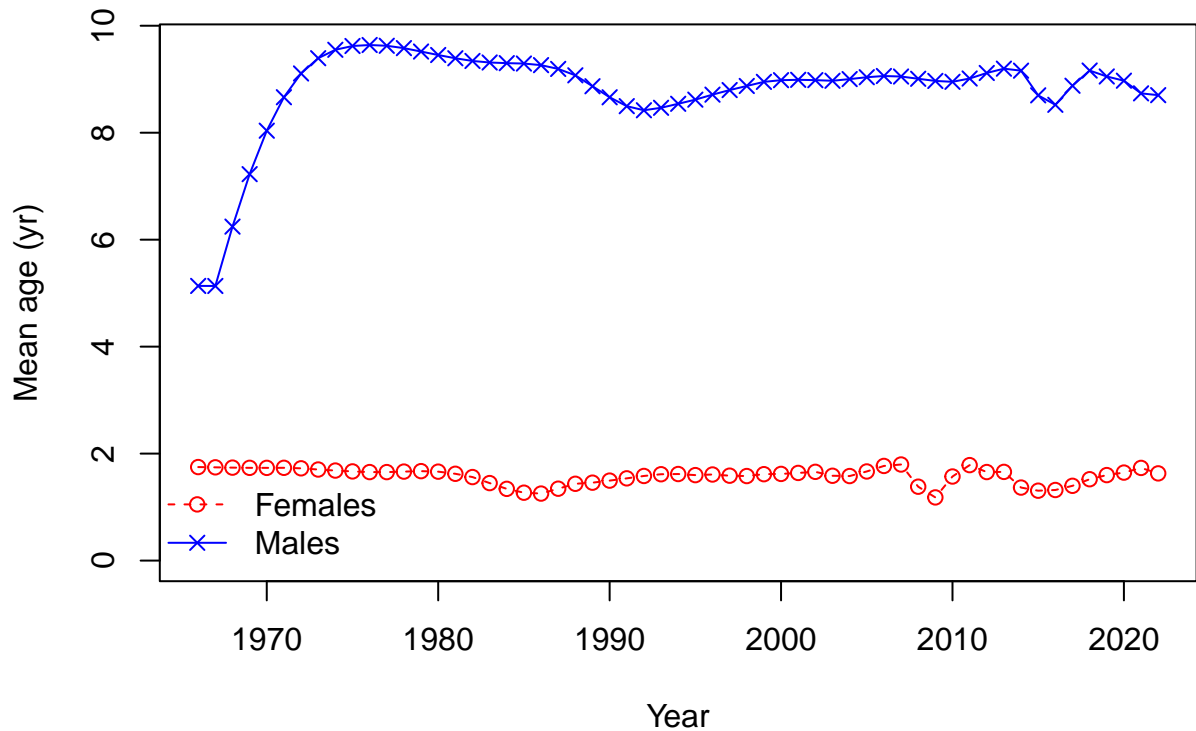


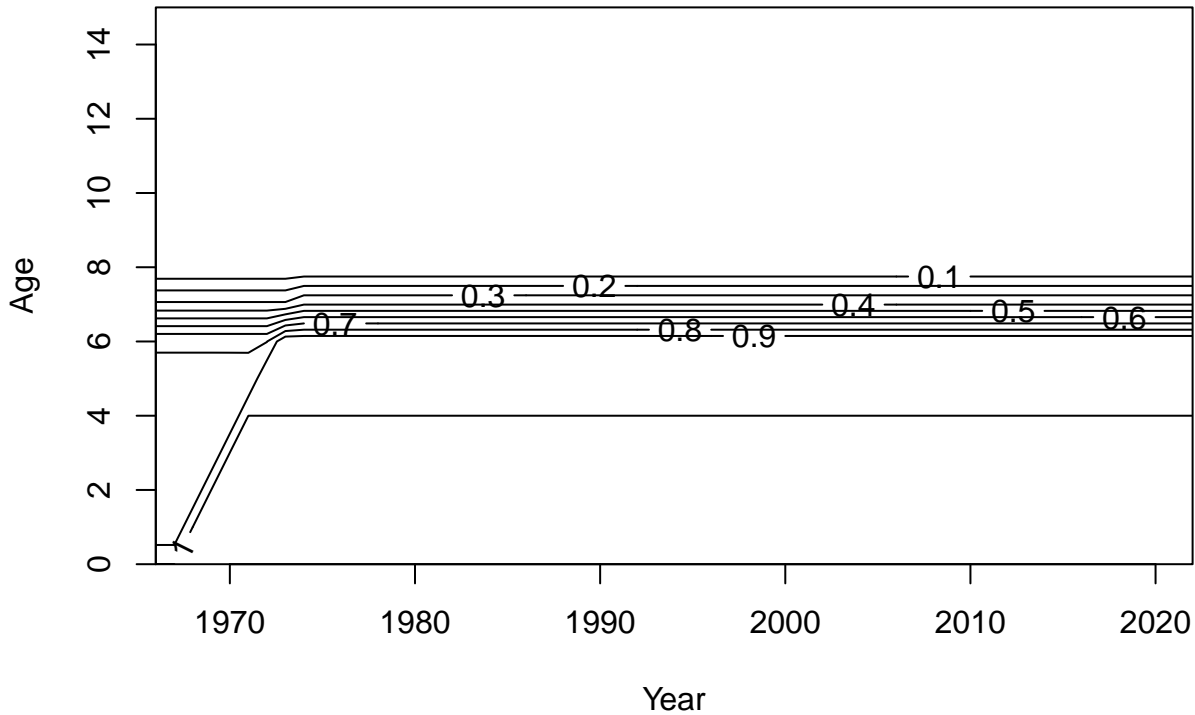


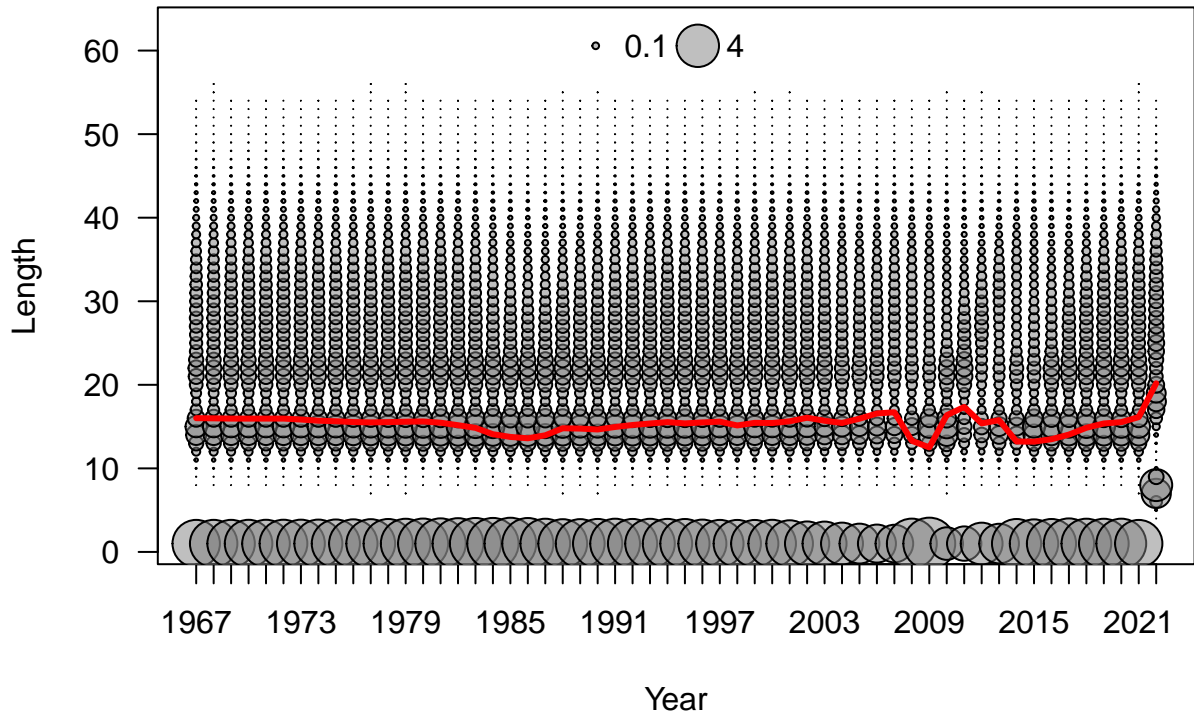


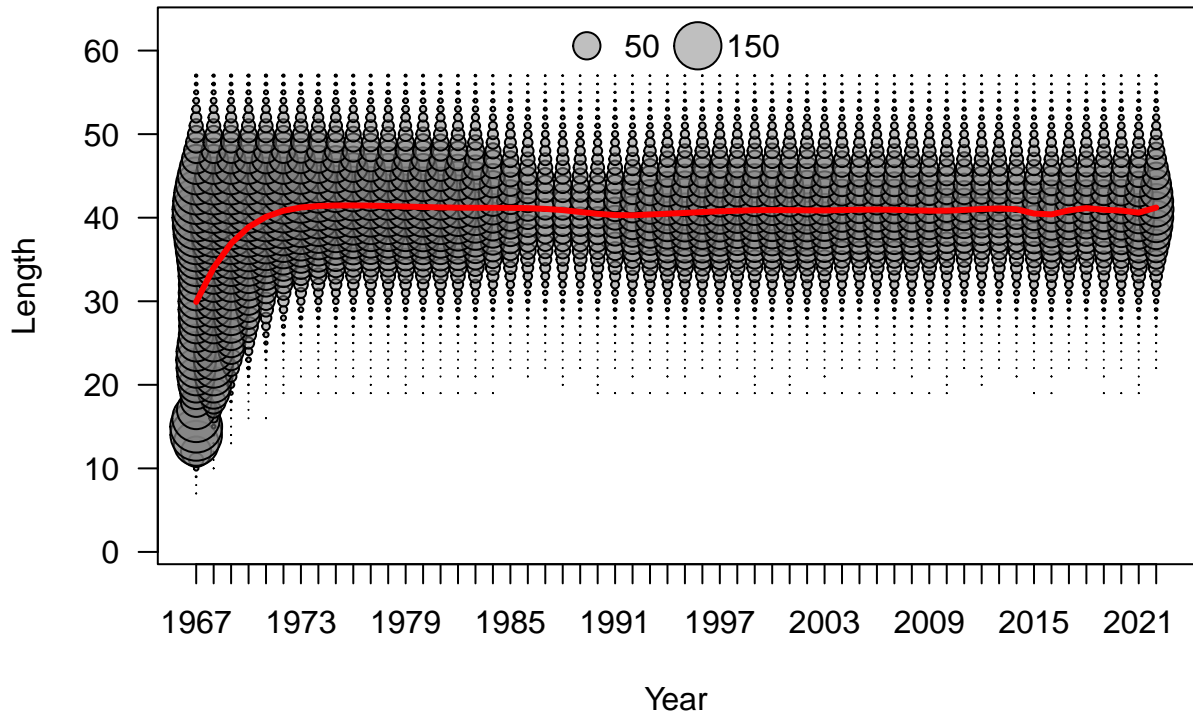


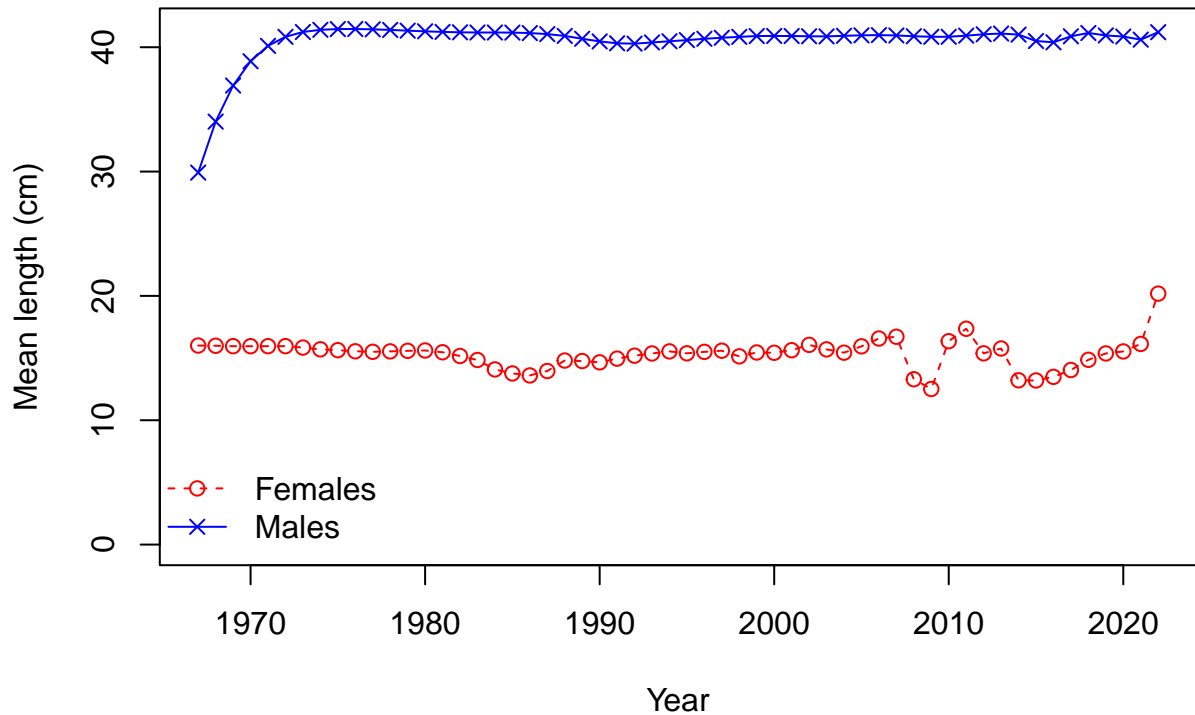


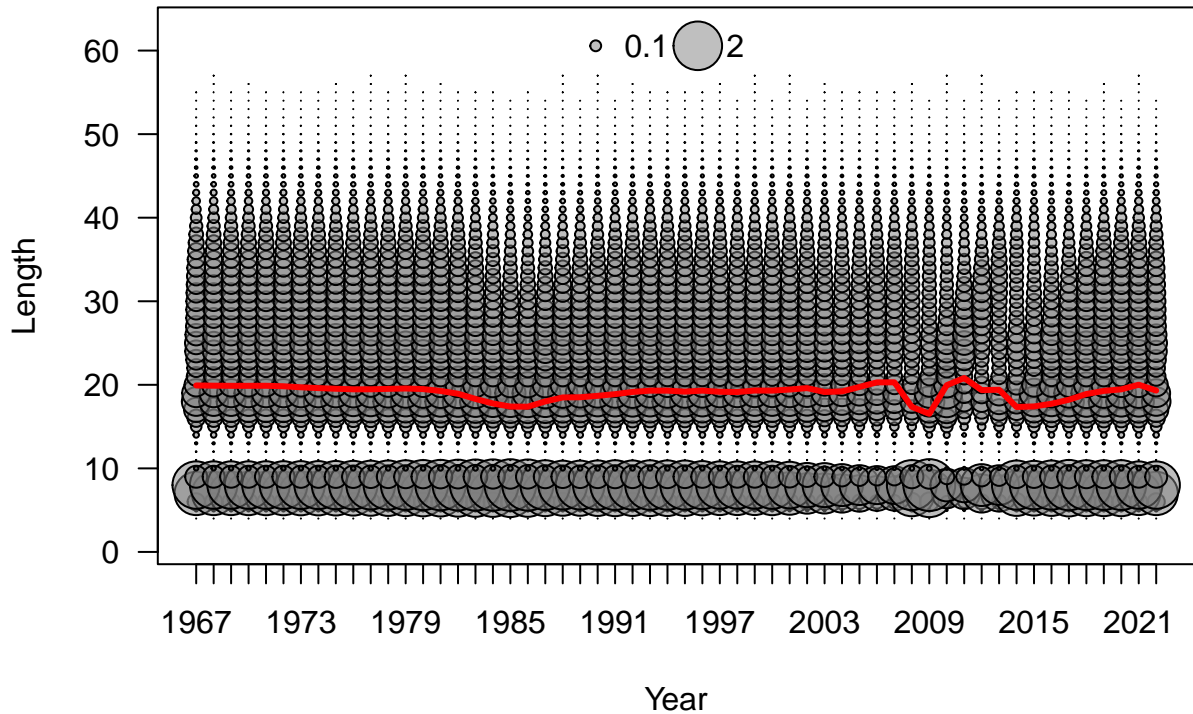


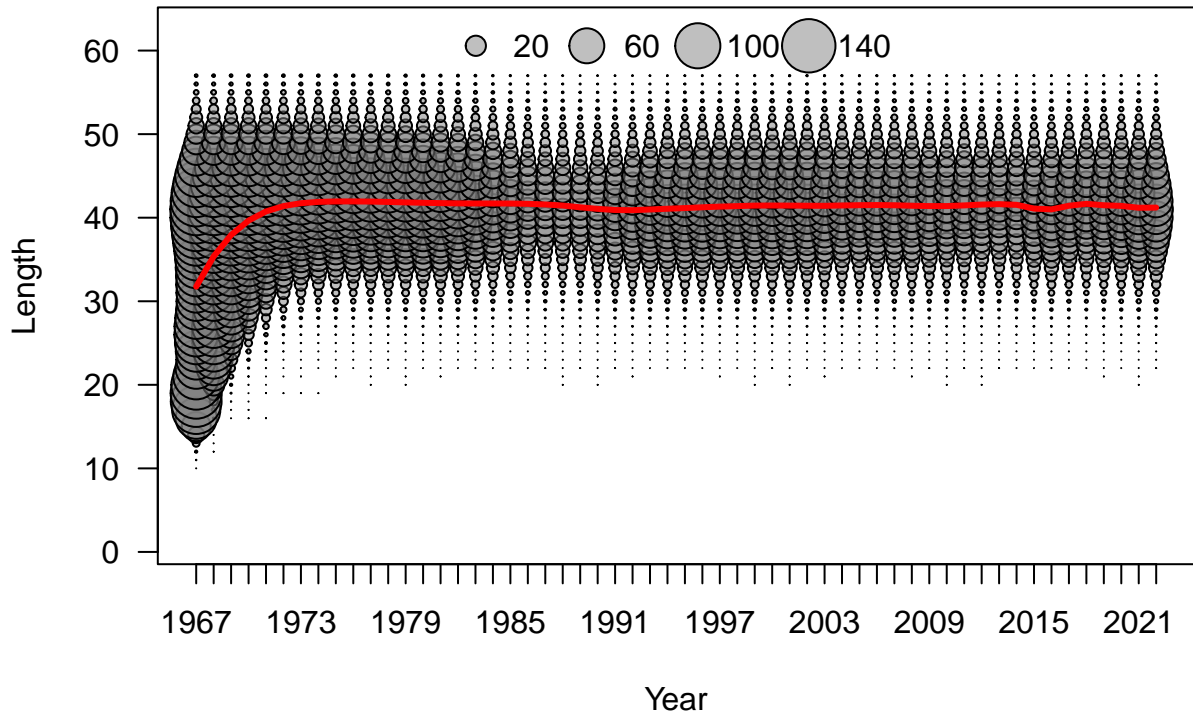


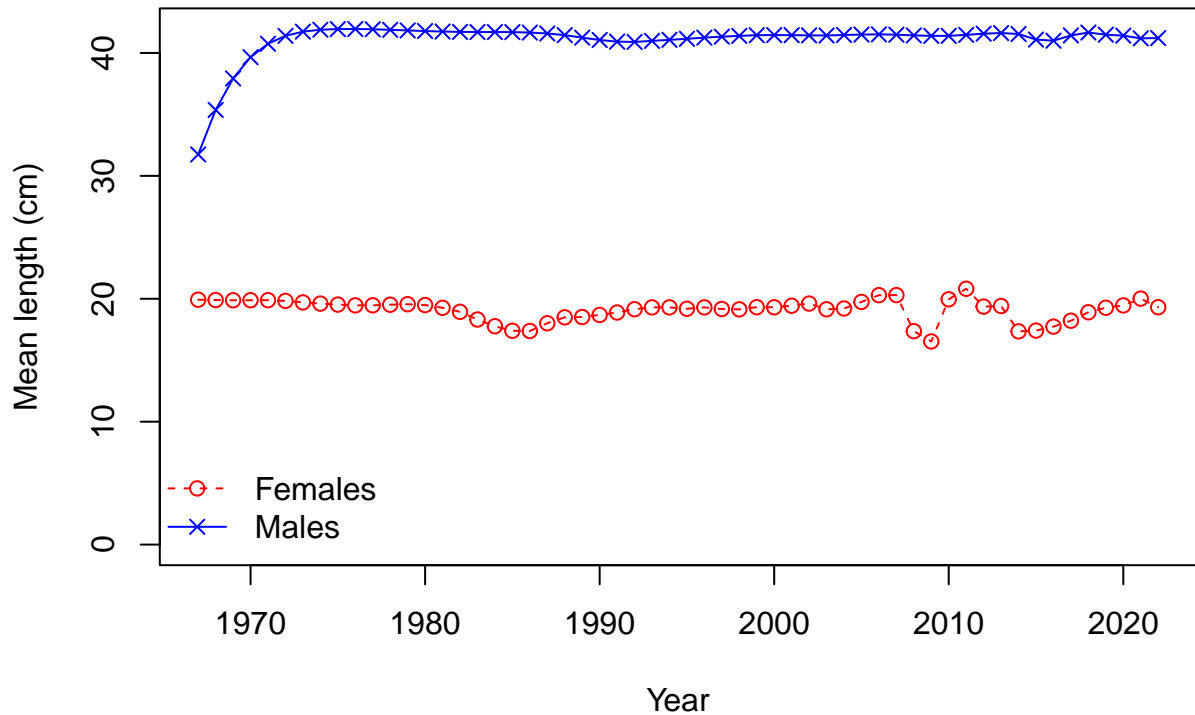




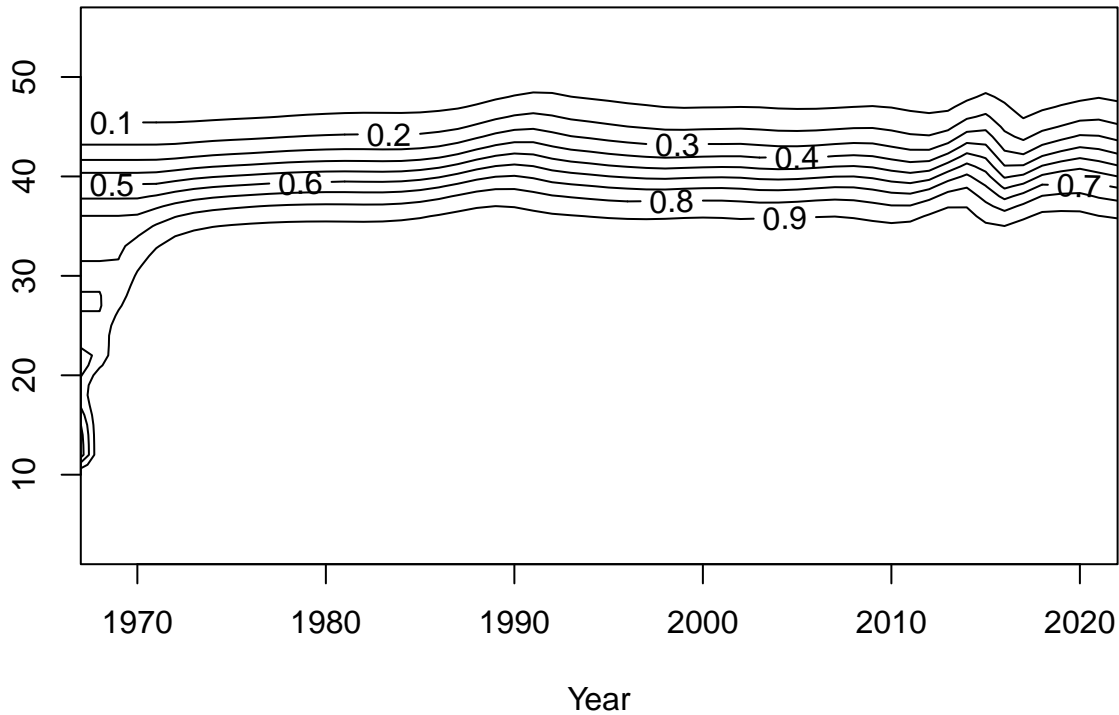


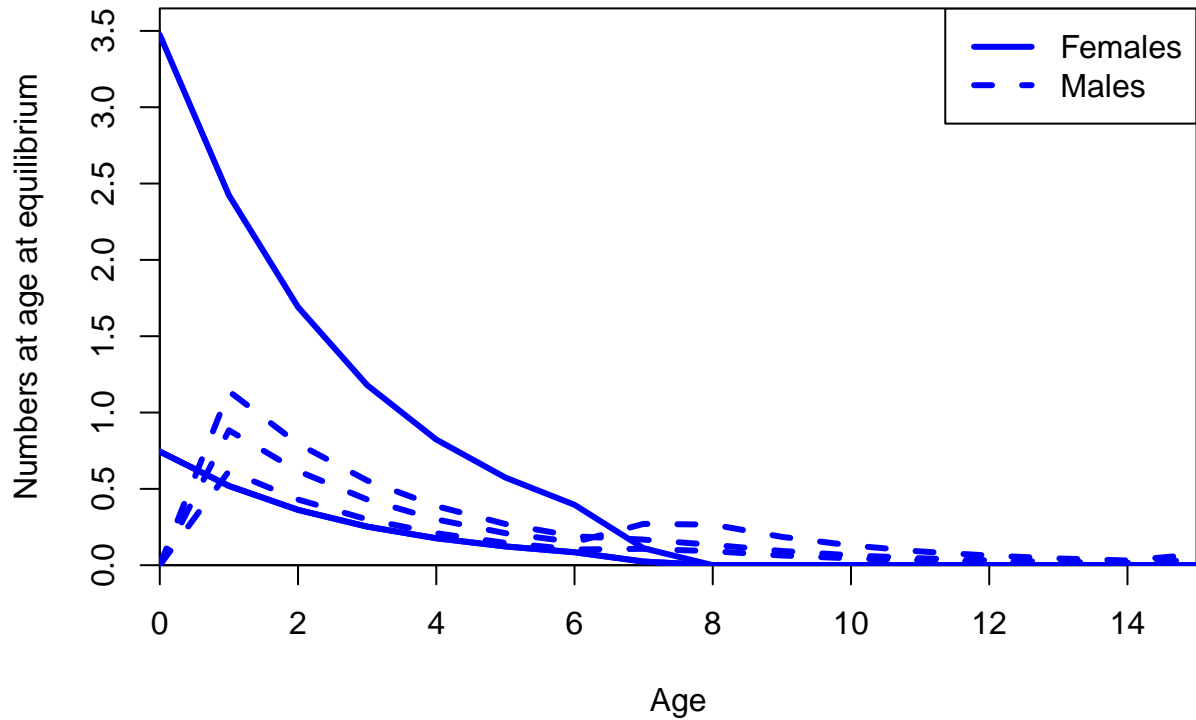






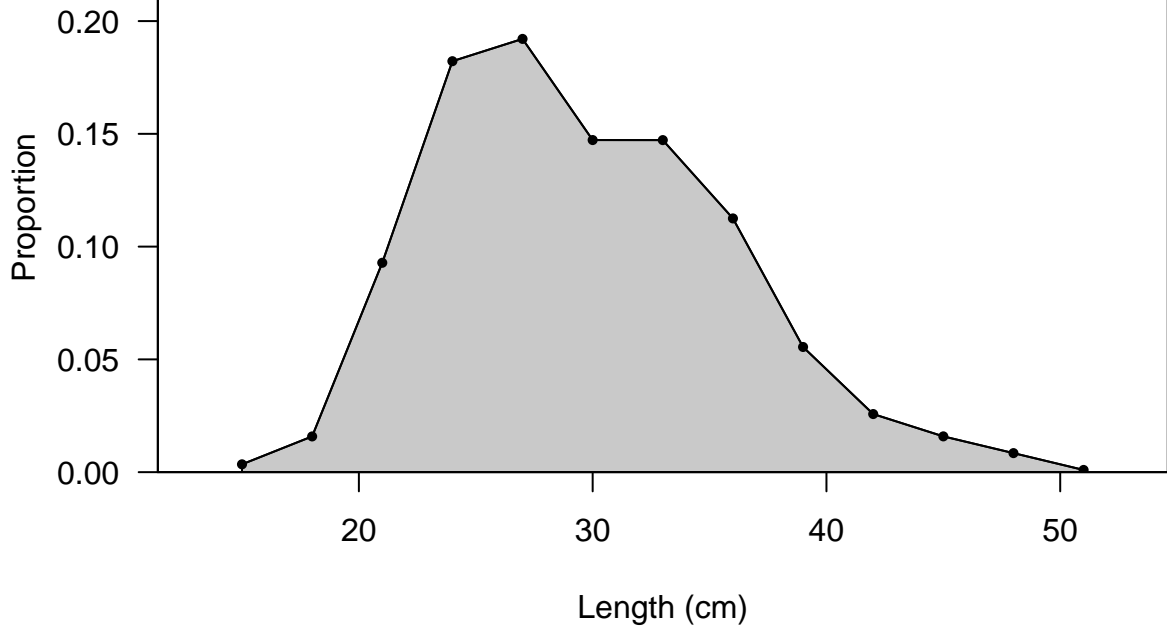
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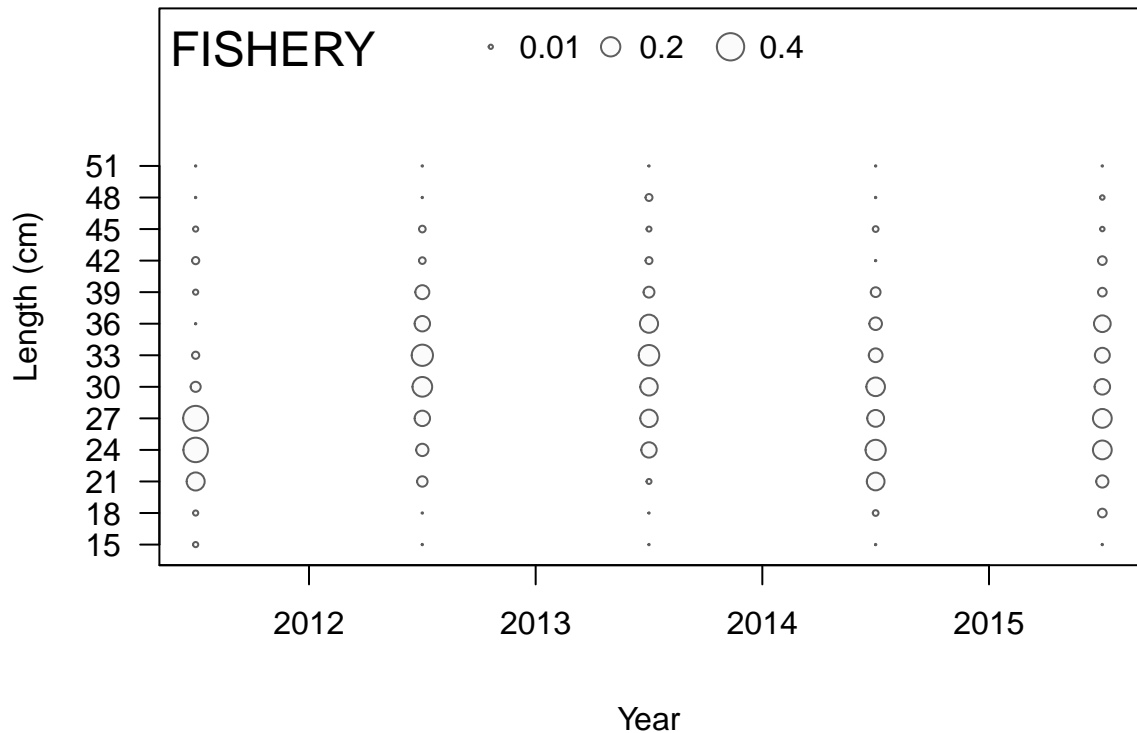




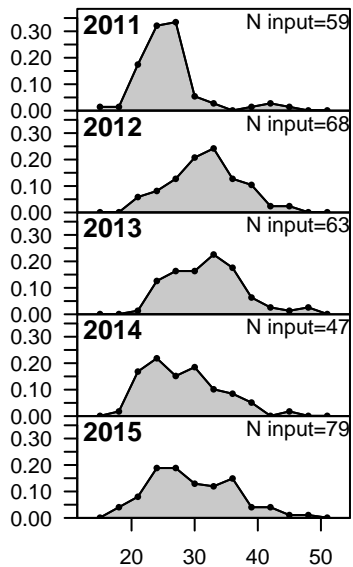
FISHERY

Sum of N input=316

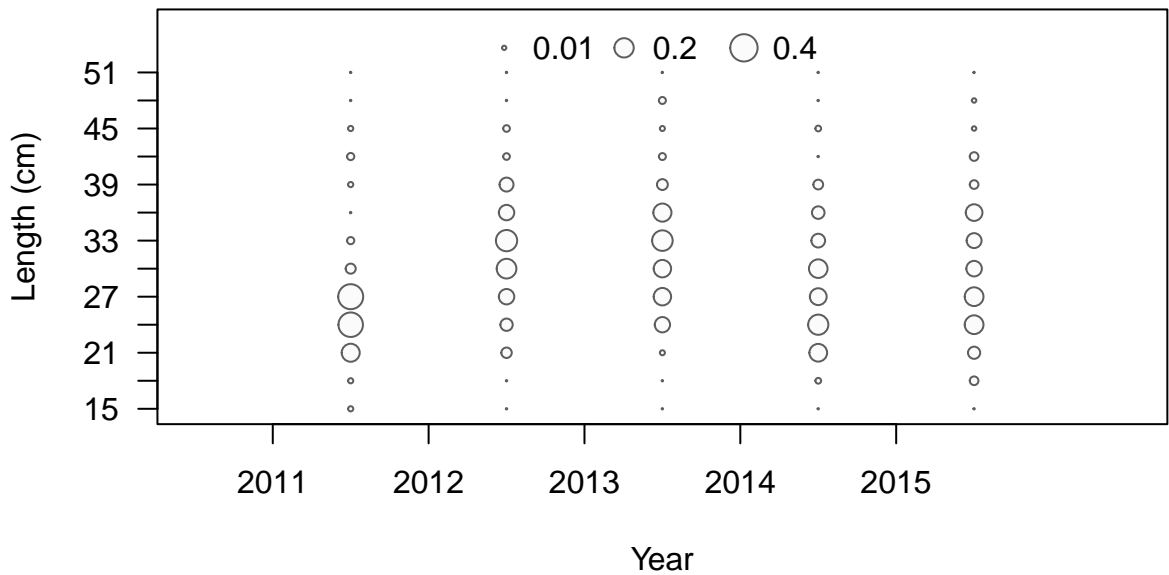




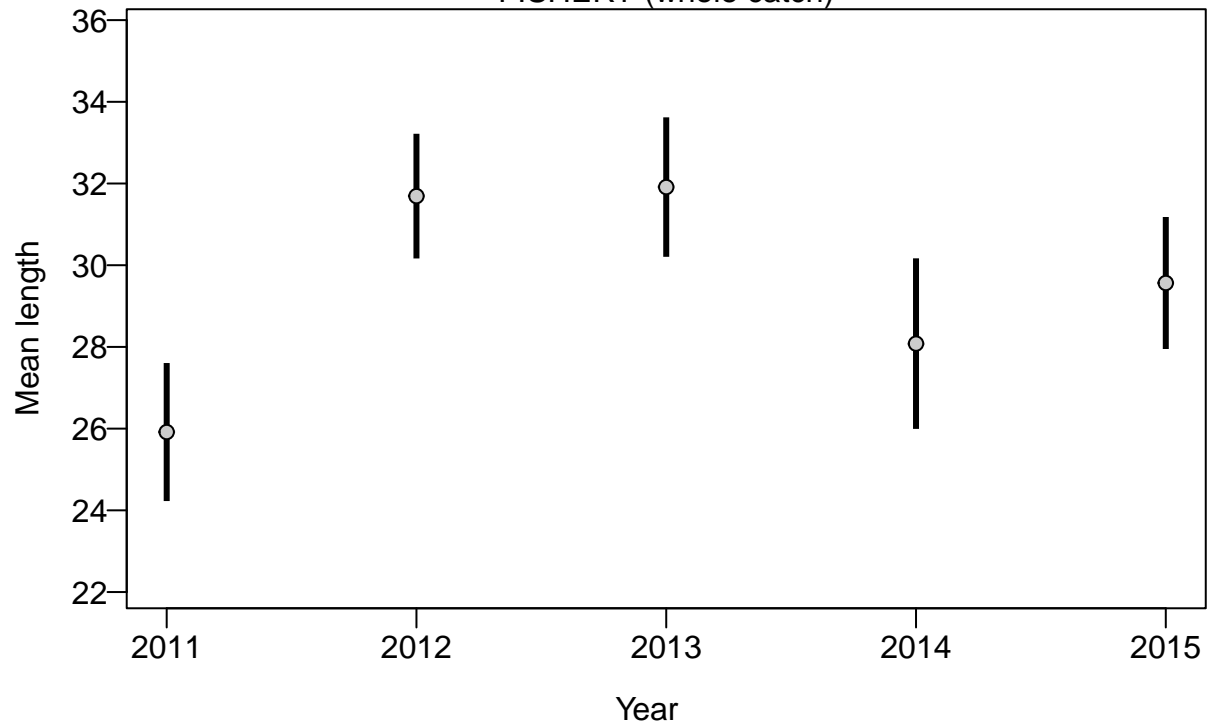
Proportion



Length (cm)

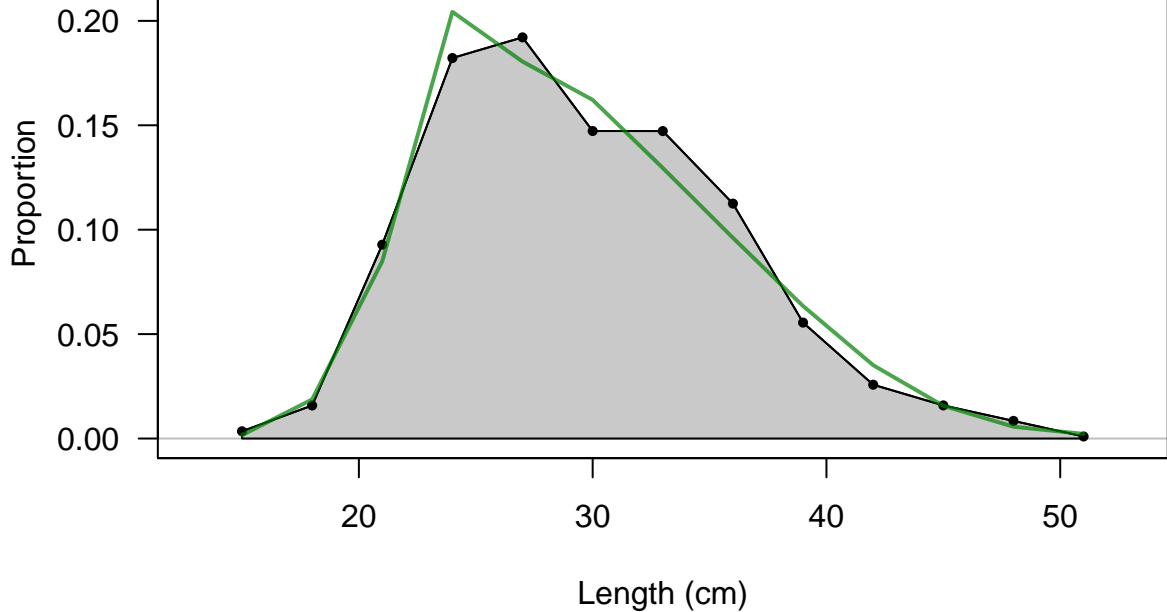


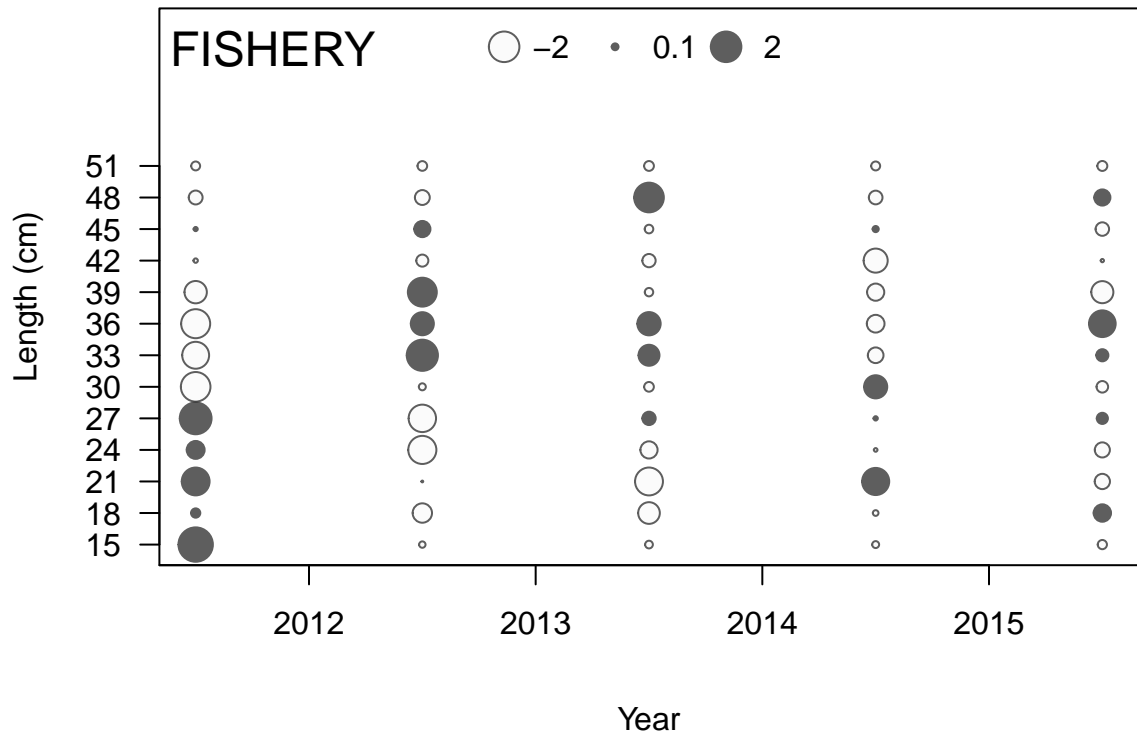
FISHERY (whole catch)



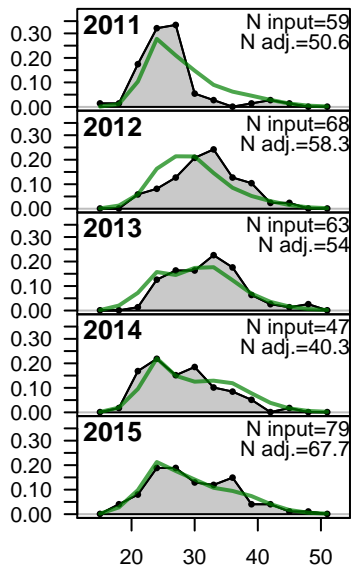
FISHERY

Sum of N input=316
Sum of N adj.=270.8

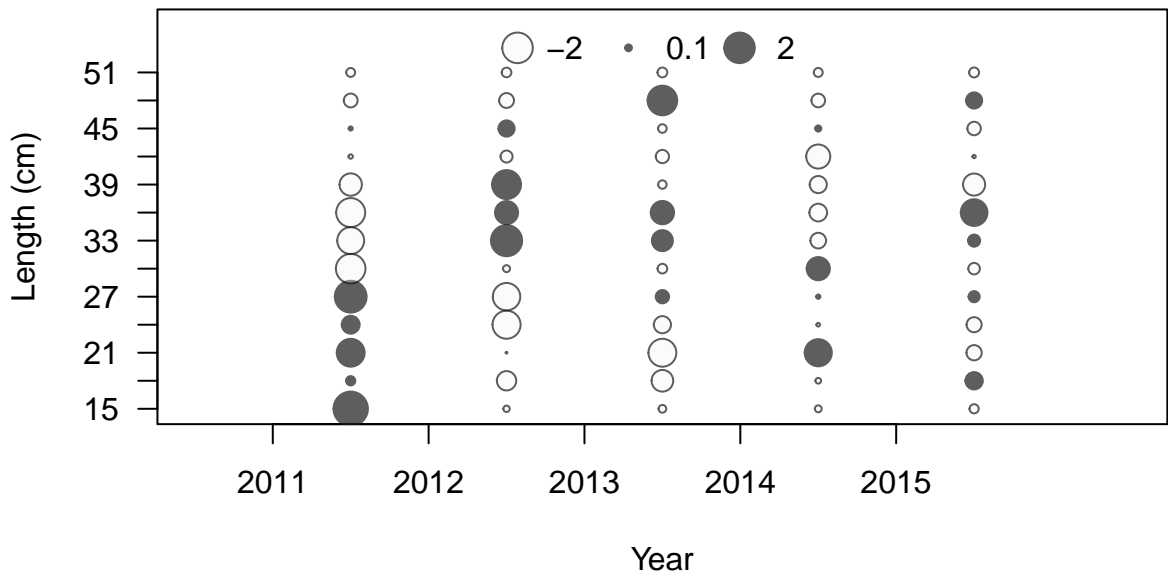




Proportion



Length (cm)



FISHERY (whole catch)

