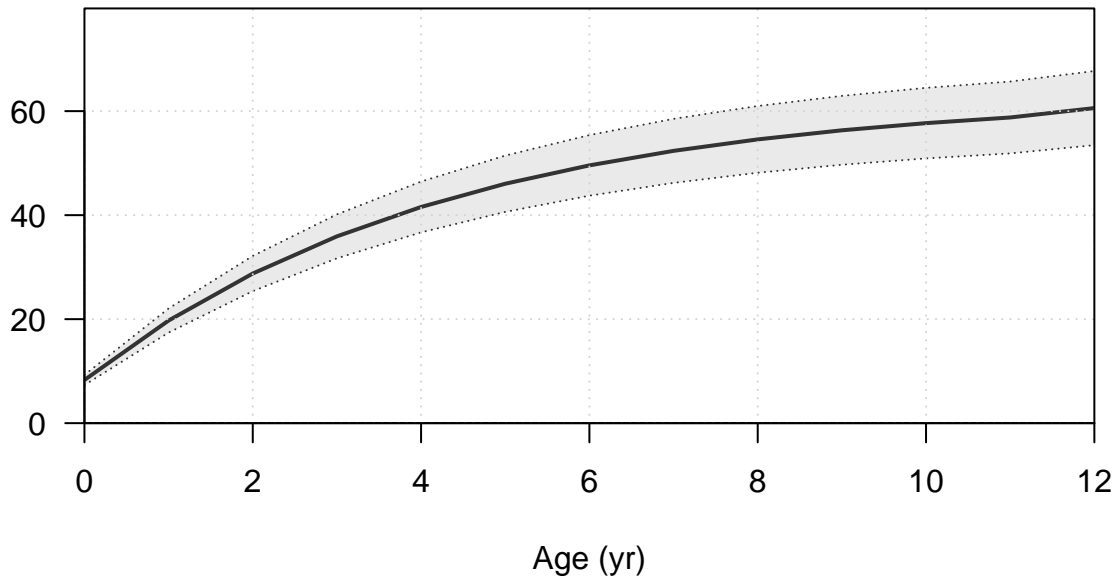
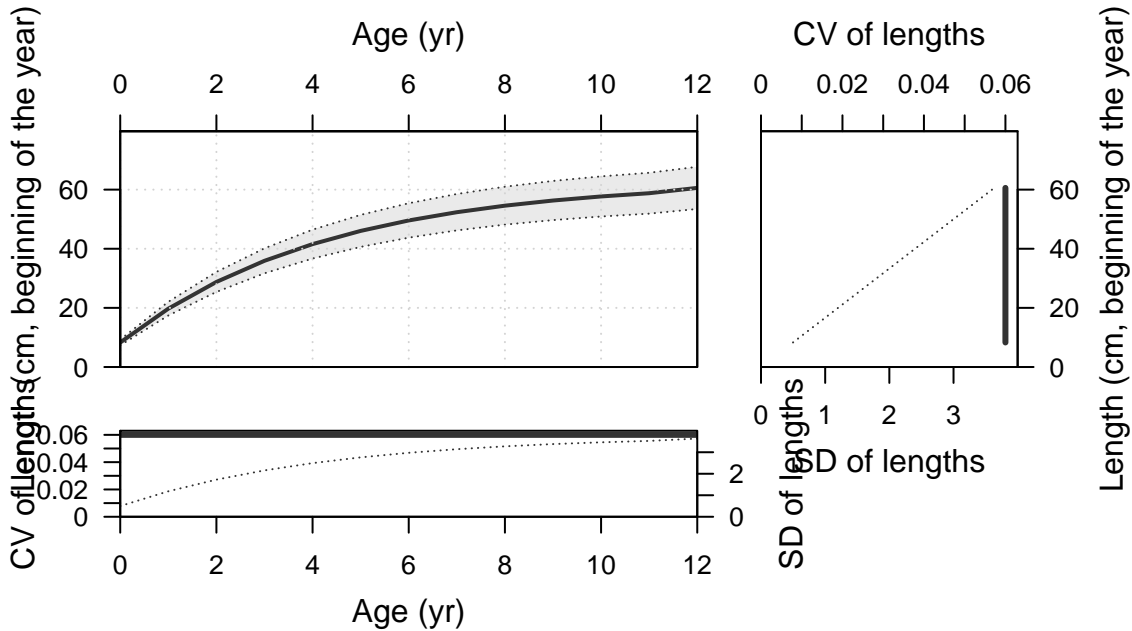
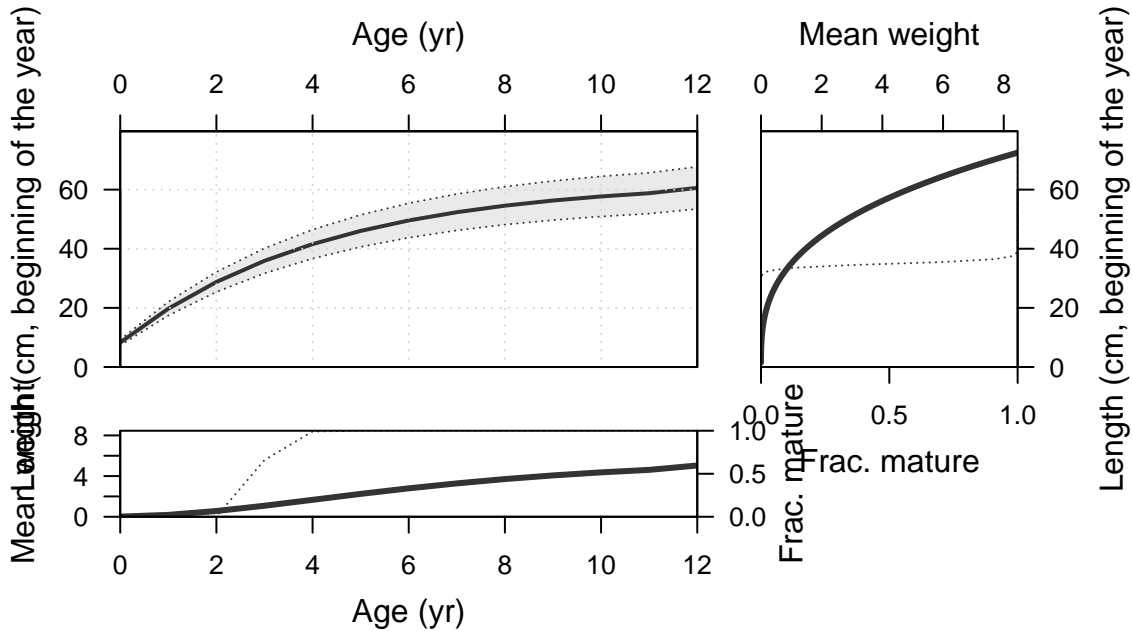


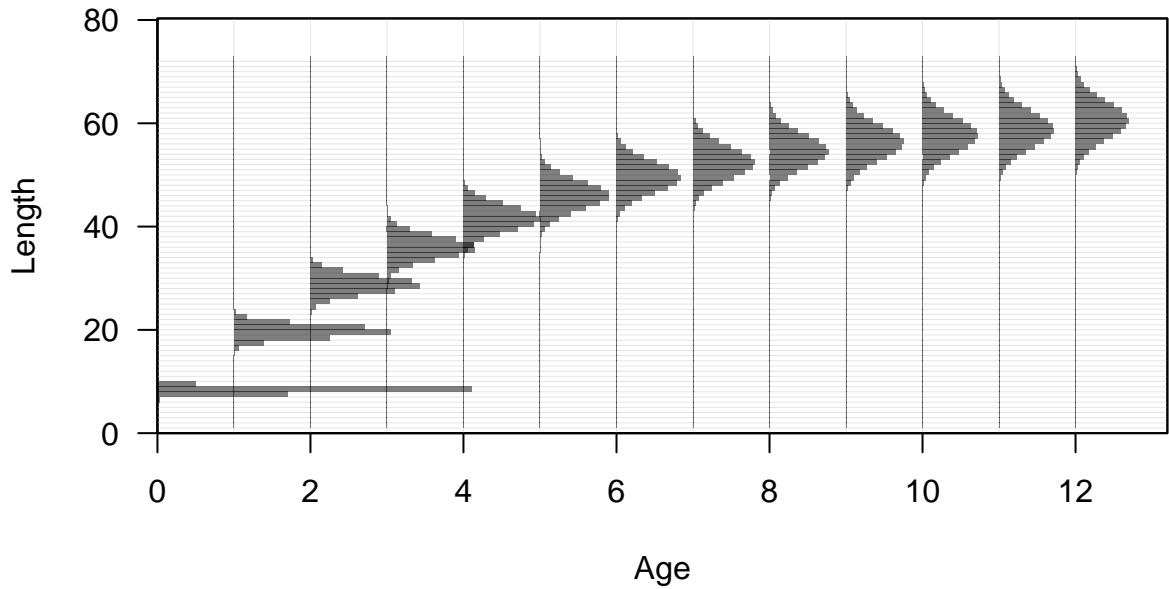
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Tue Aug 02 10:21:05 2022
Data_File: data.ss
Control_File: control.ss

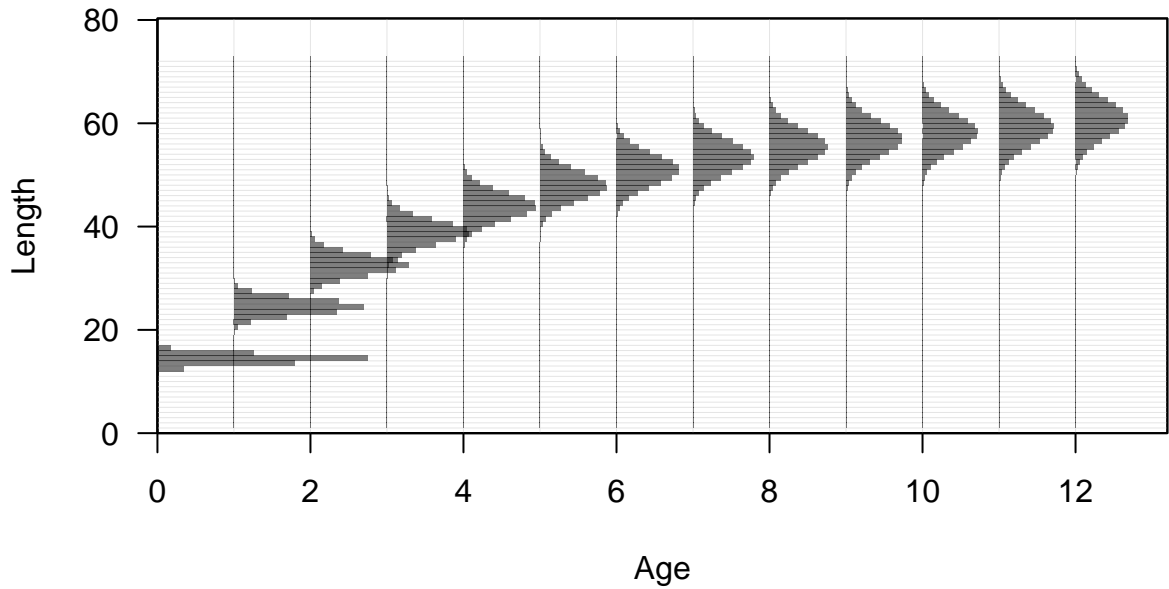
Length (cm, beginning of the year)



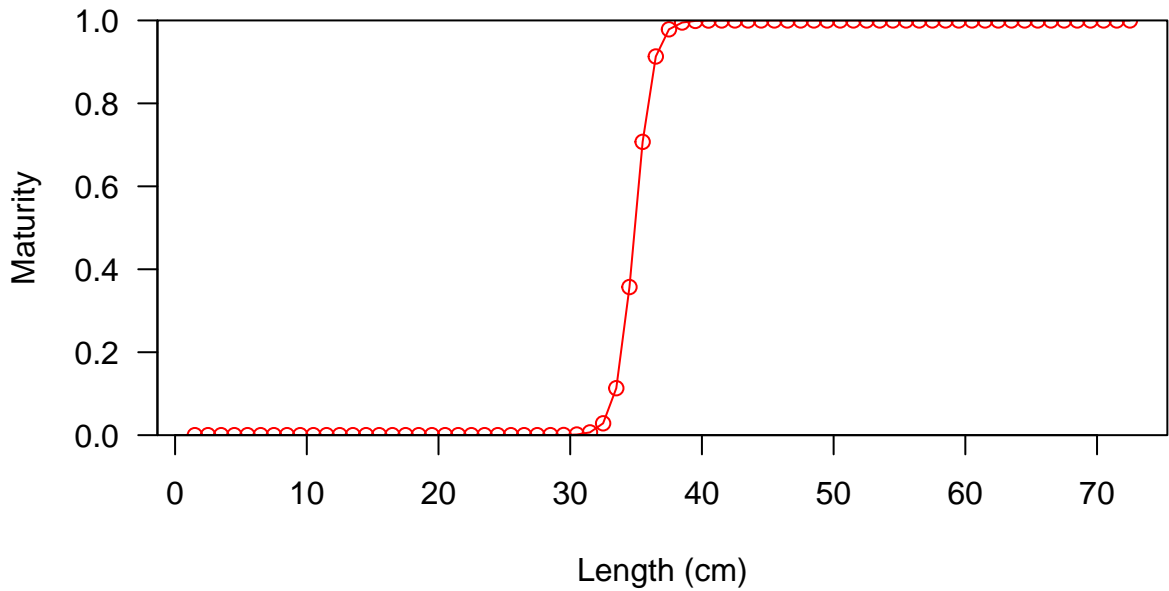






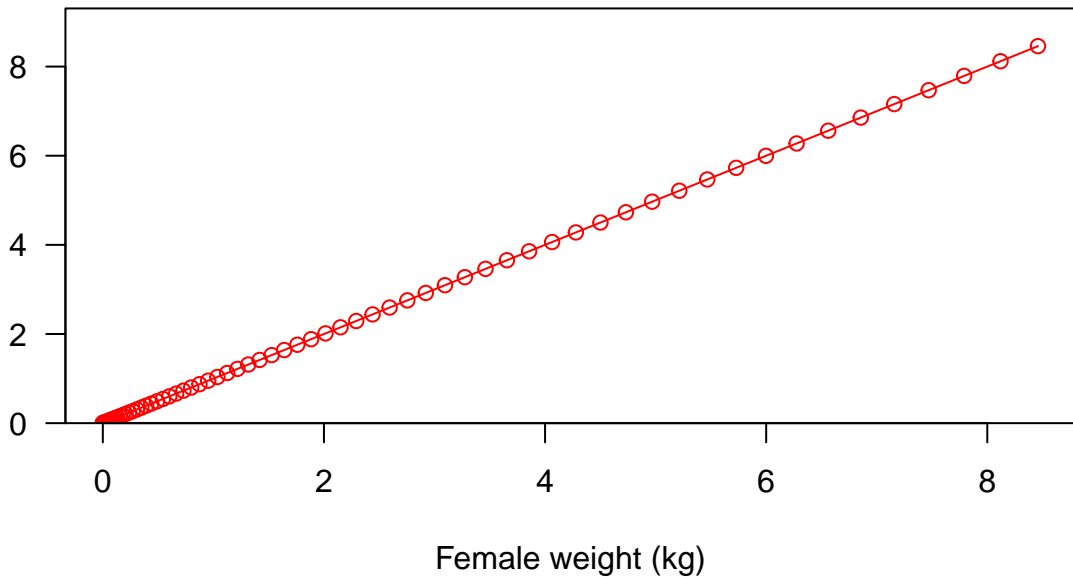








Fecundity



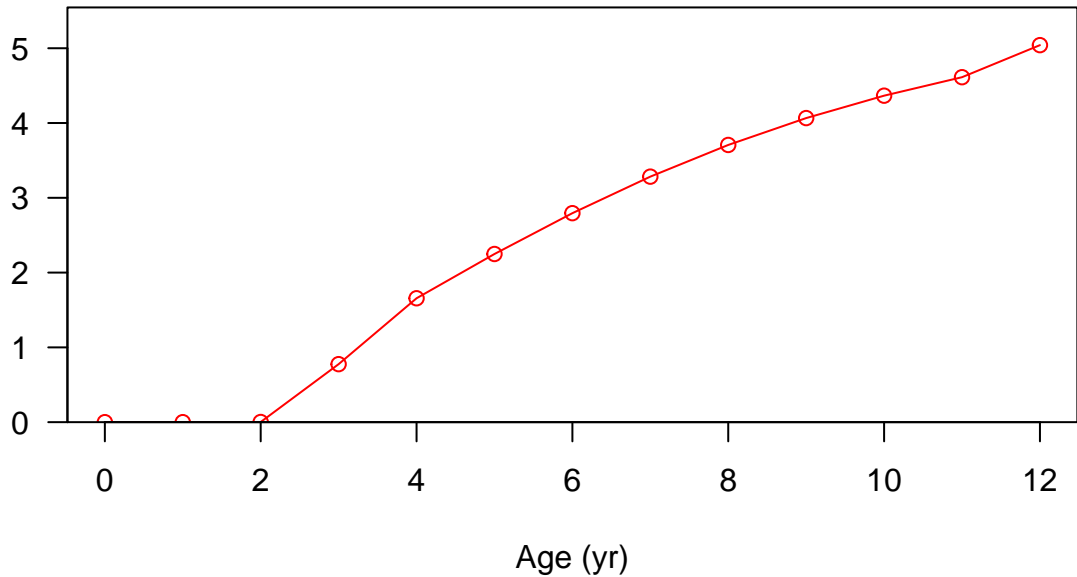
Fecundity



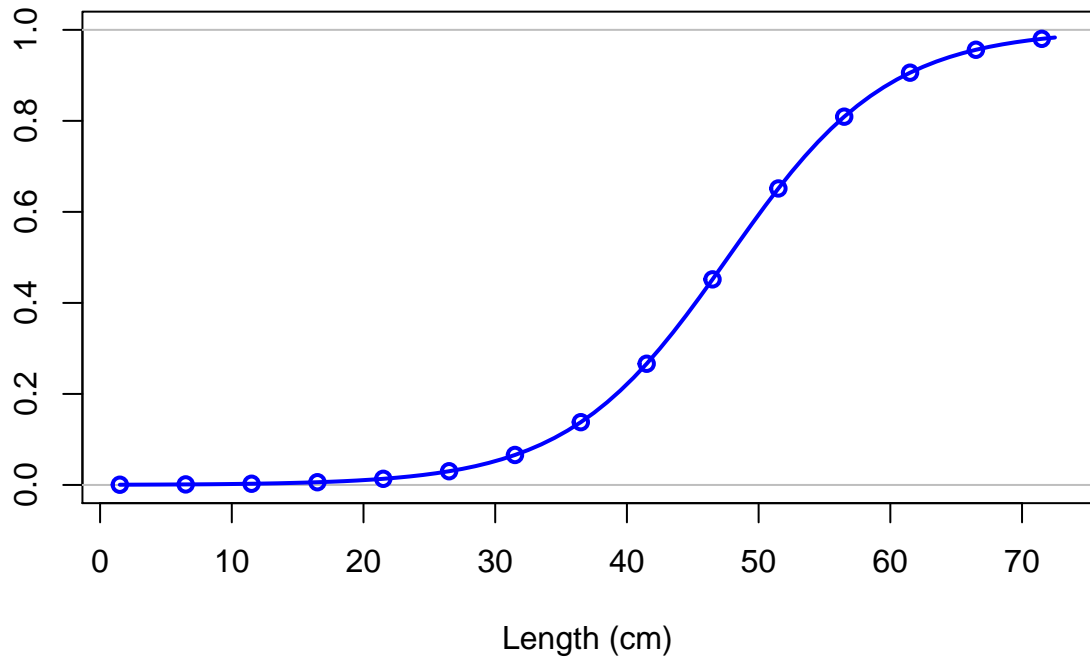
Spawning output



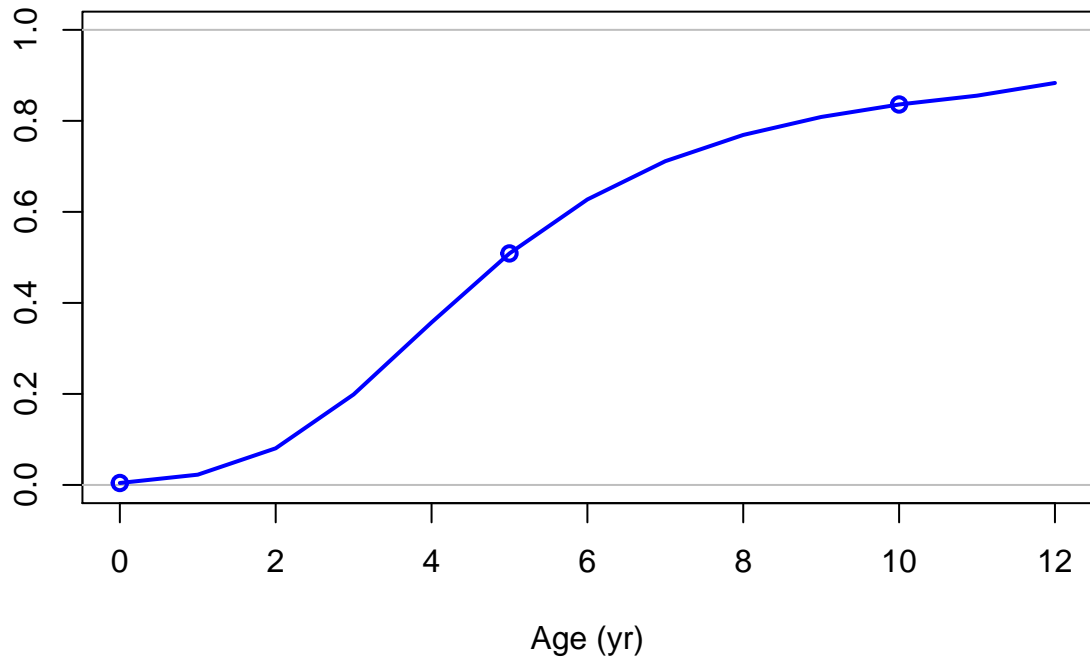
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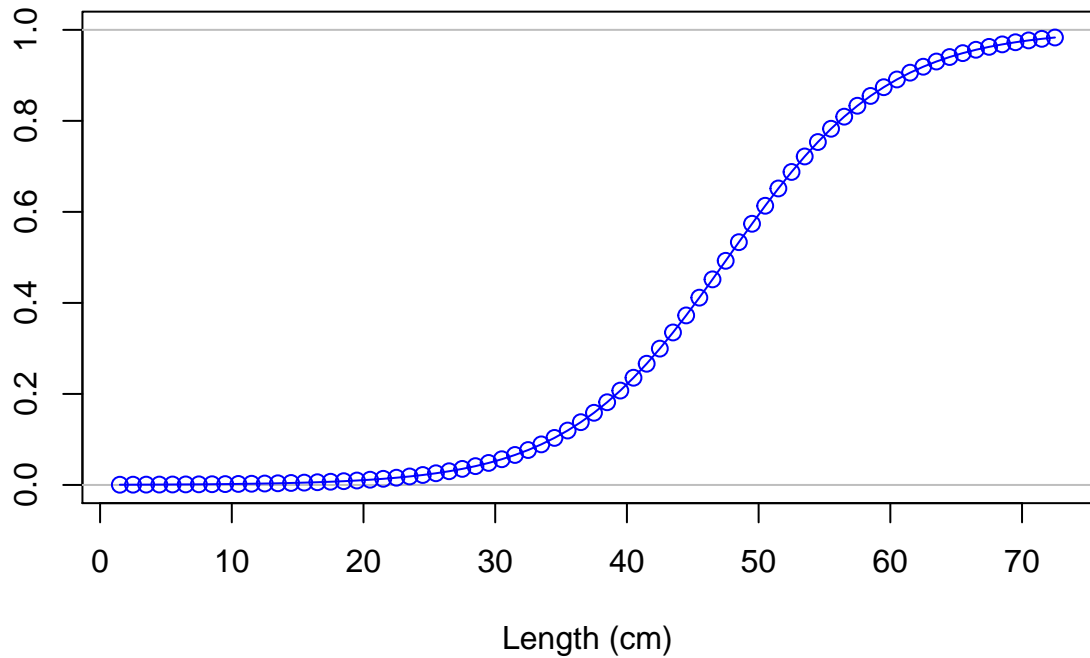
Selectivity

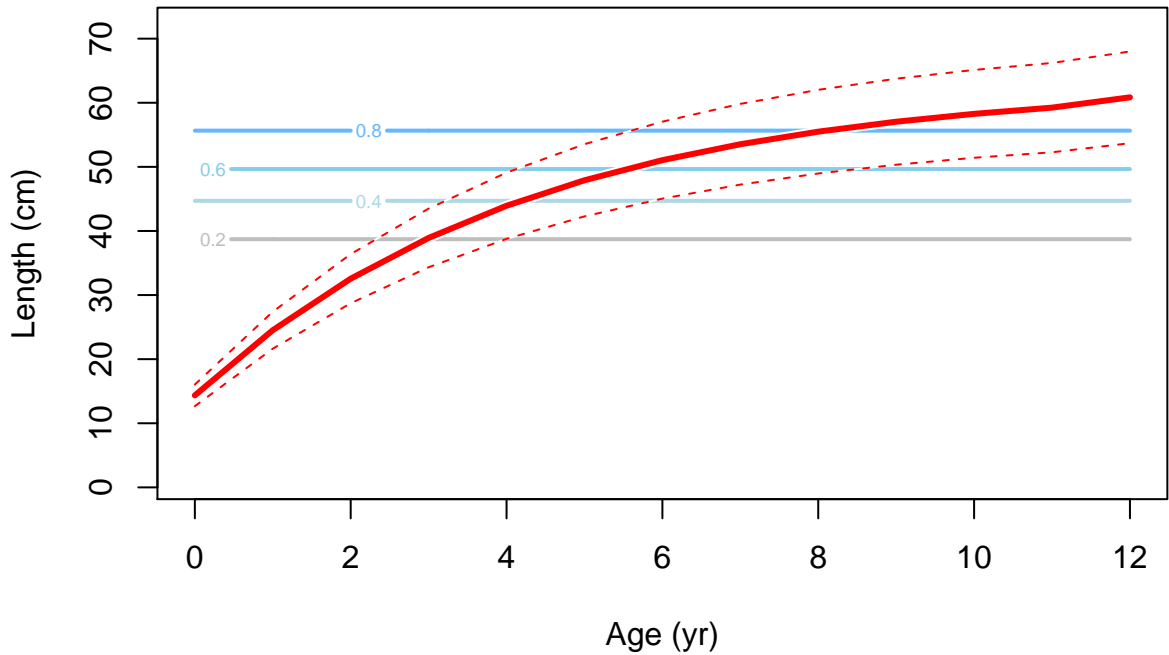


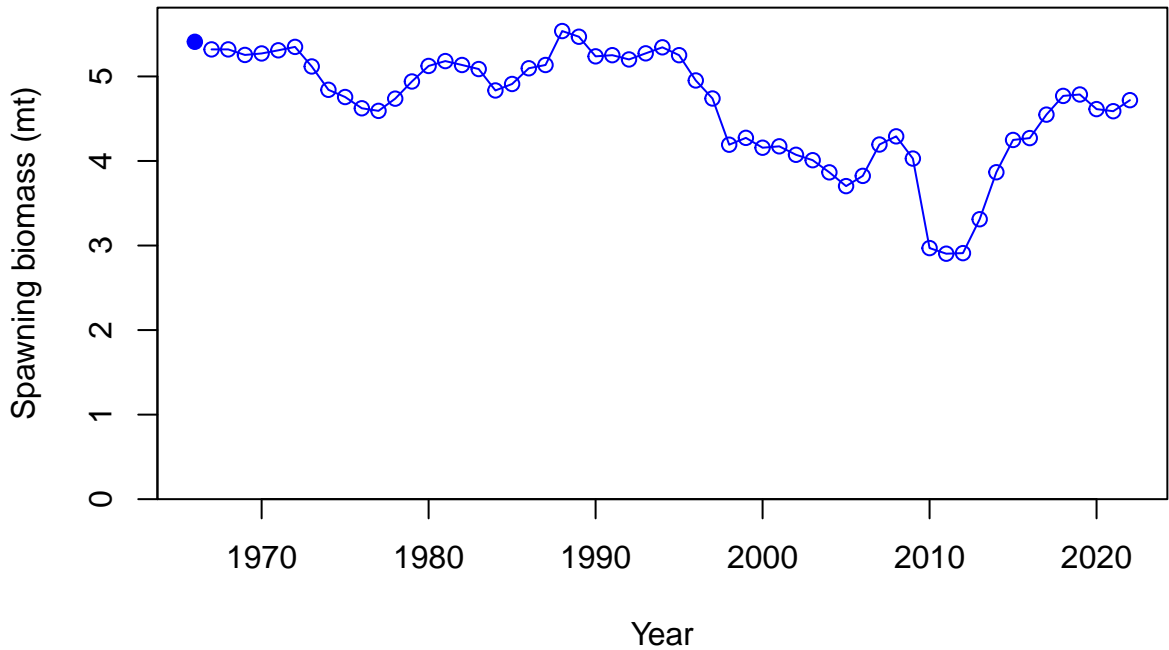
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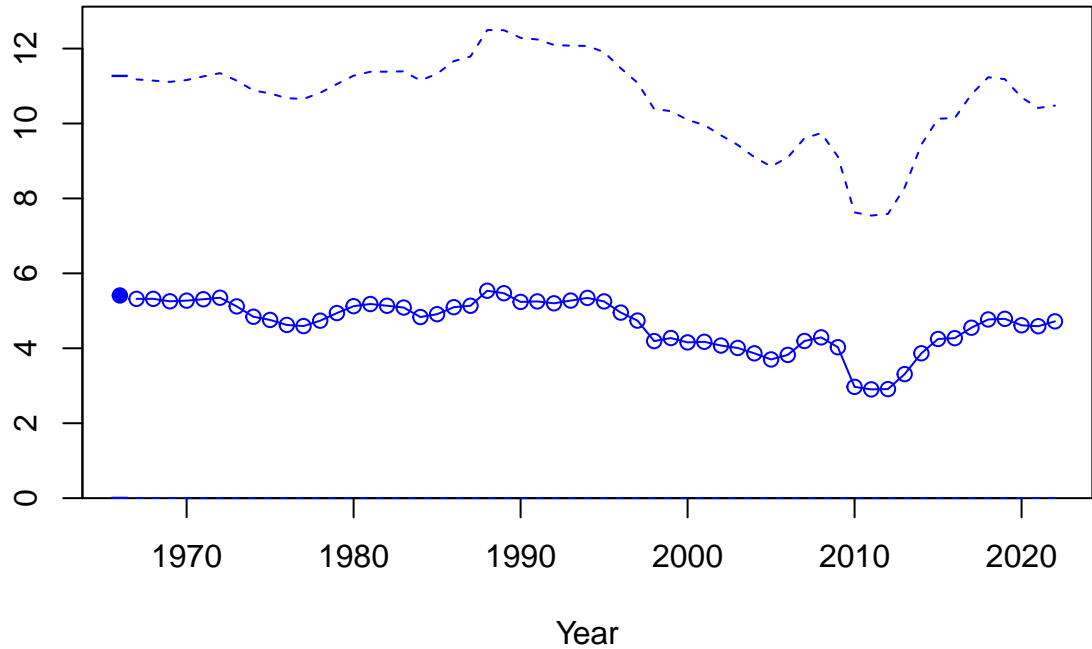
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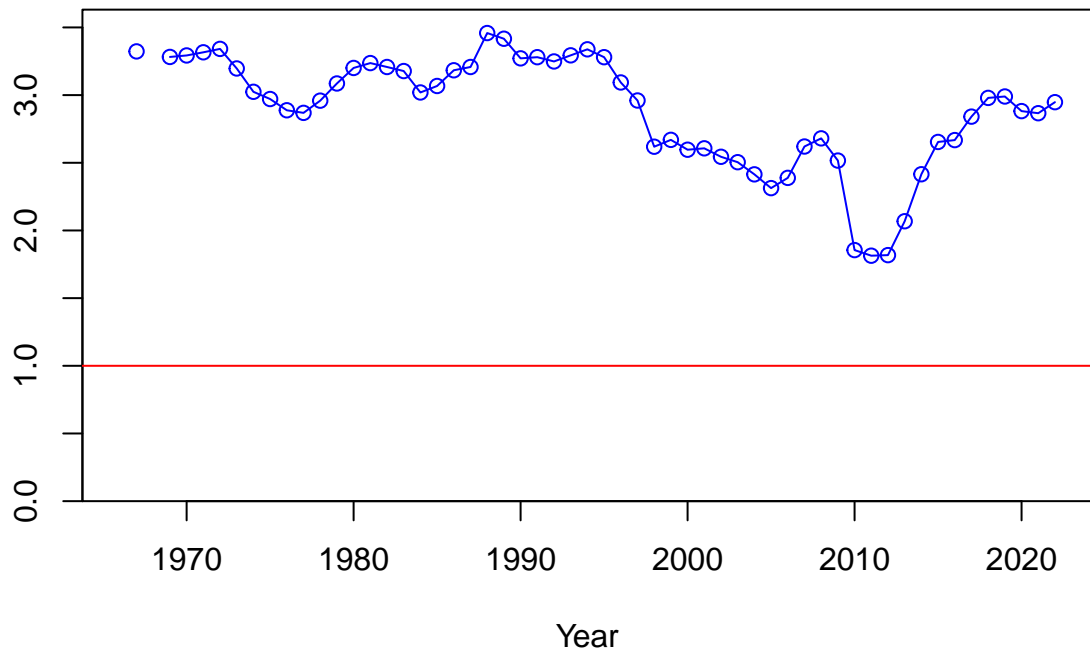




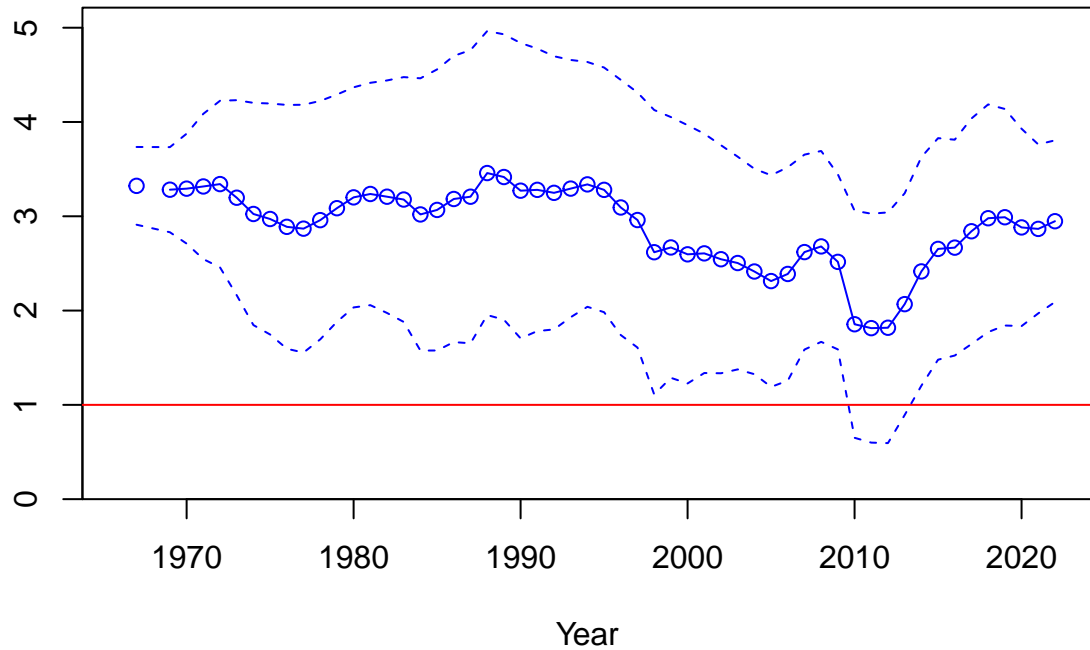
Spawning biomass (mt)

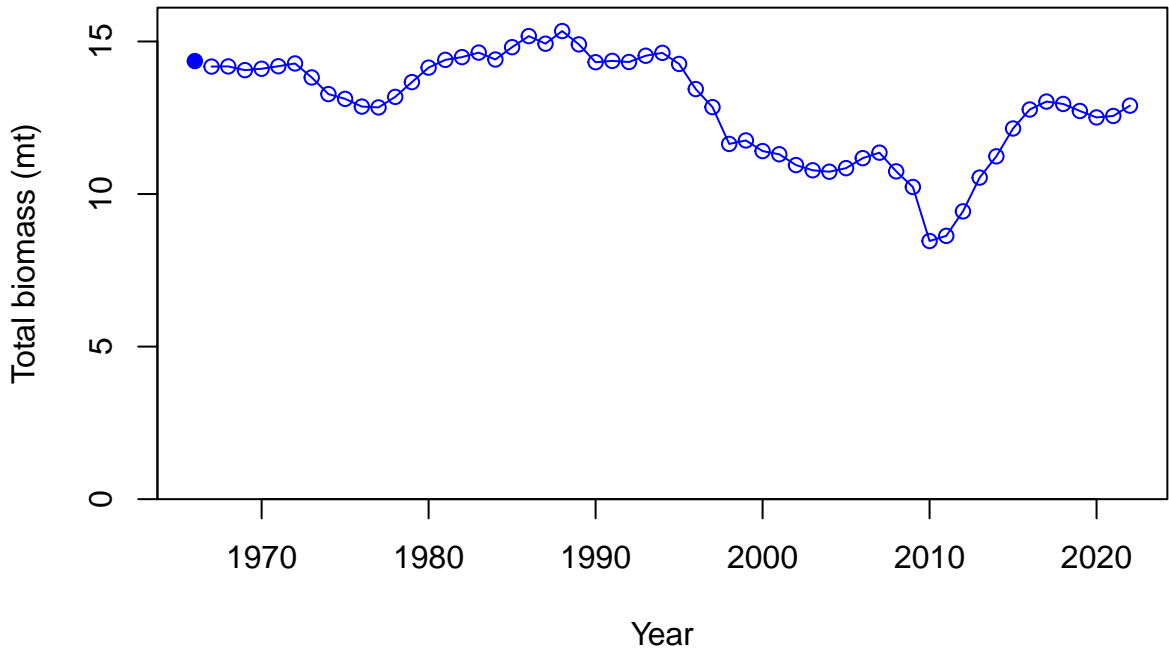


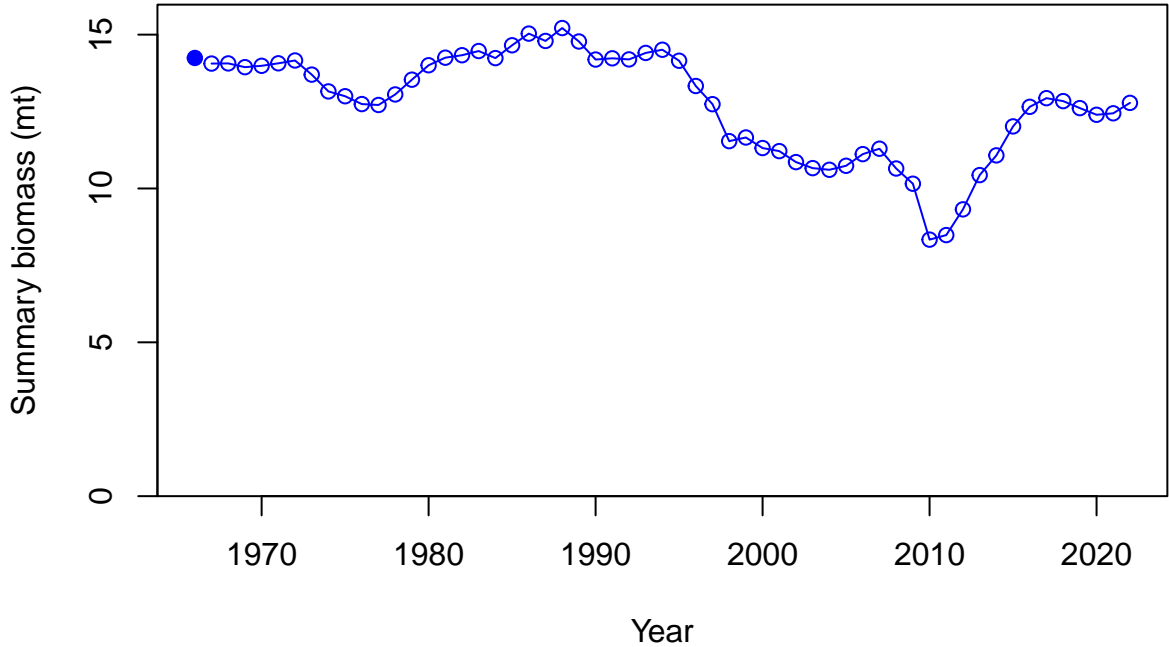
Relative spawning biomass: B/B_{MSY}

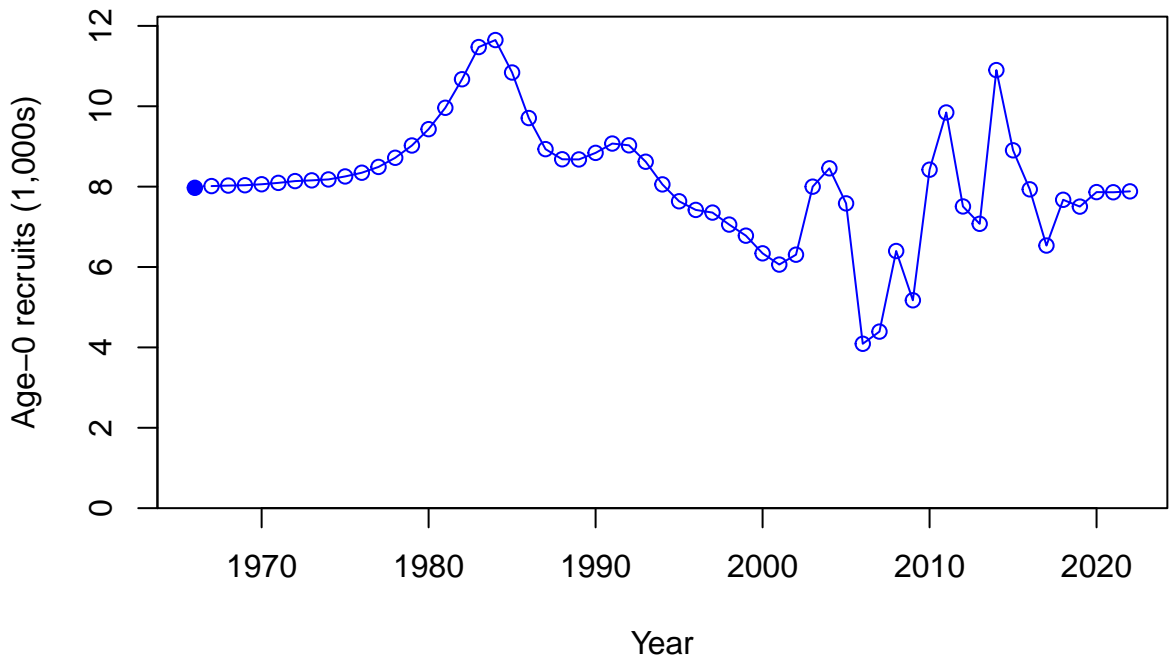


Relative spawning biomass: B/B_{MSY}

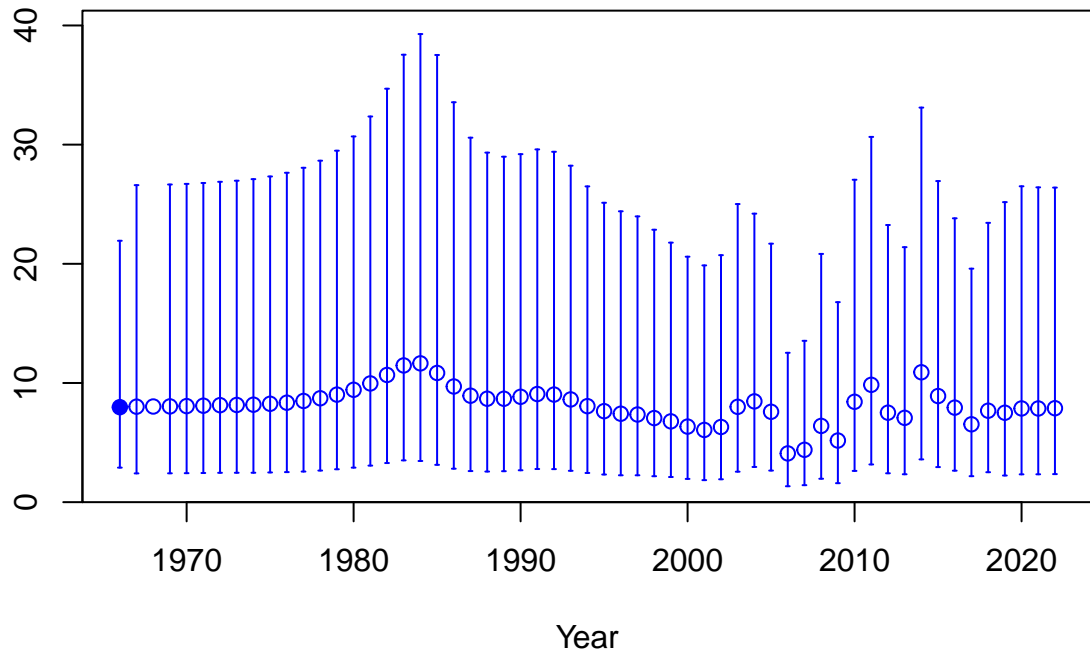




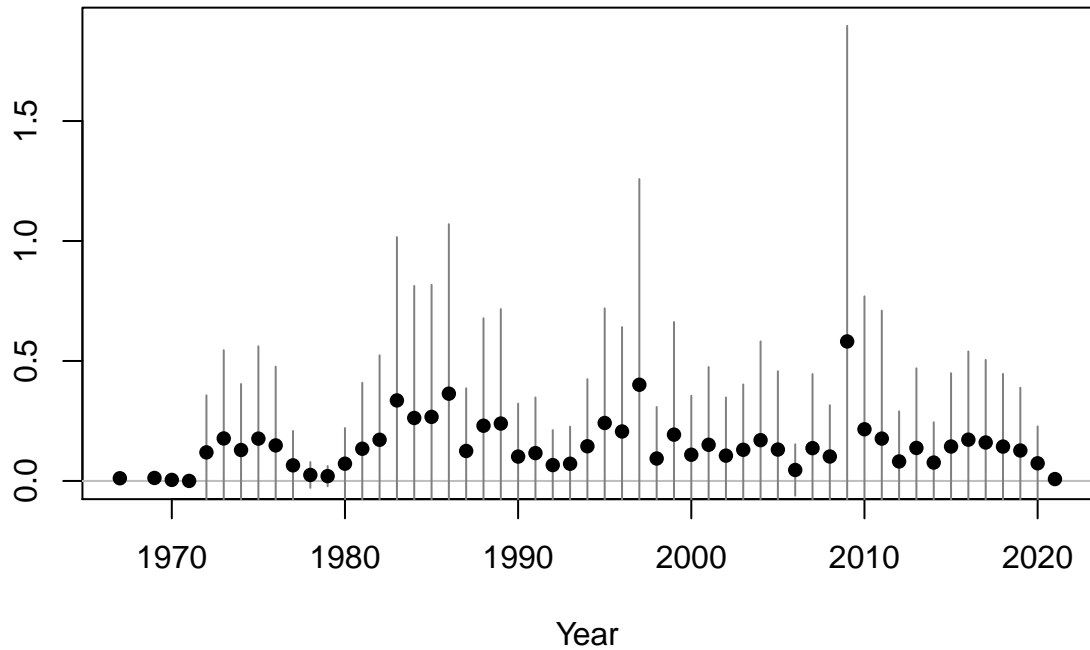


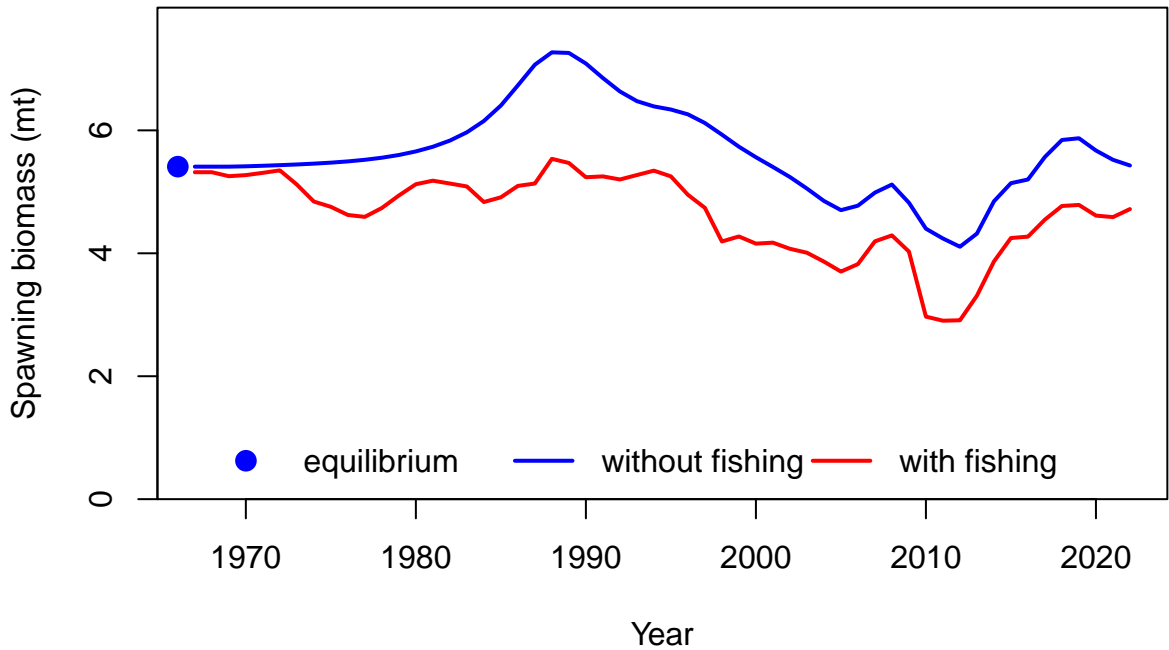


Age-0 recruits (1,000s)

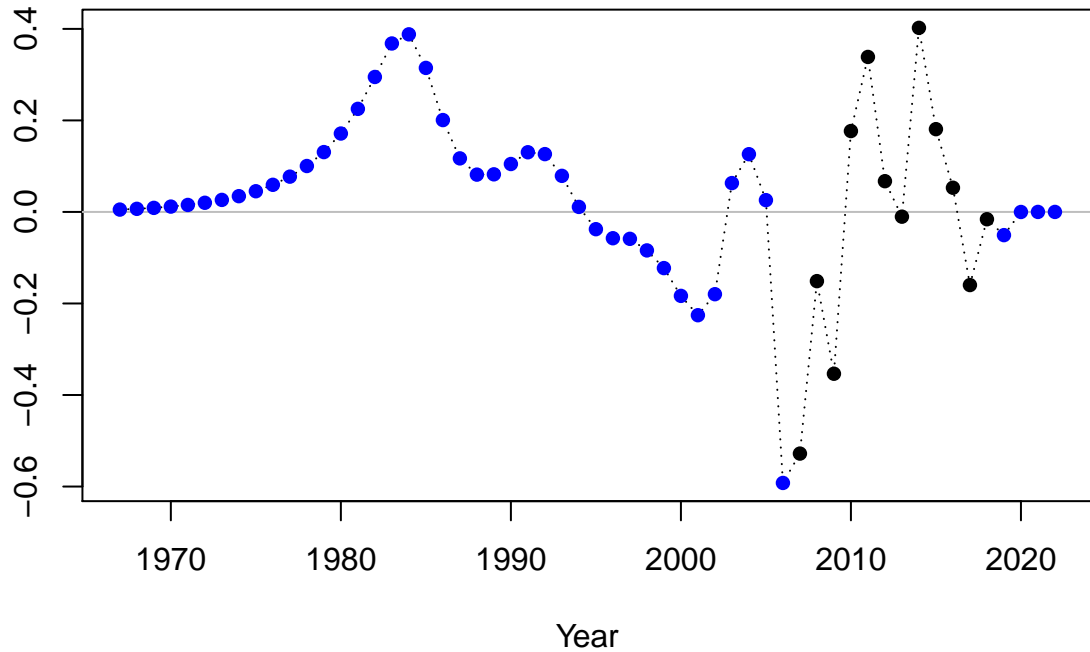


Summary Fishing Mortality

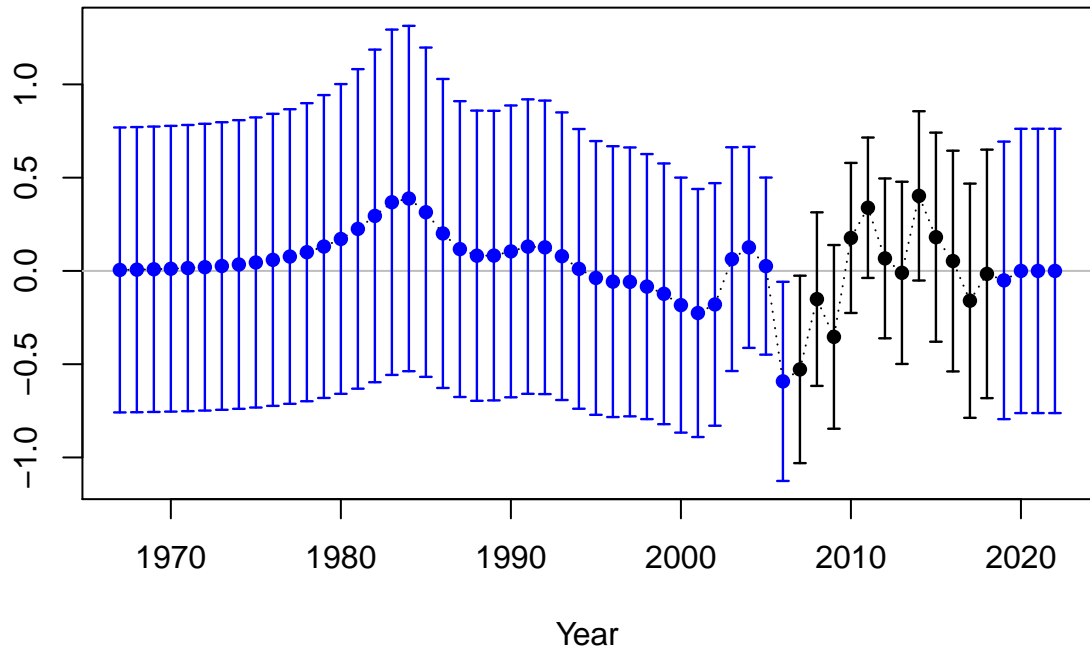




Log recruitment deviation

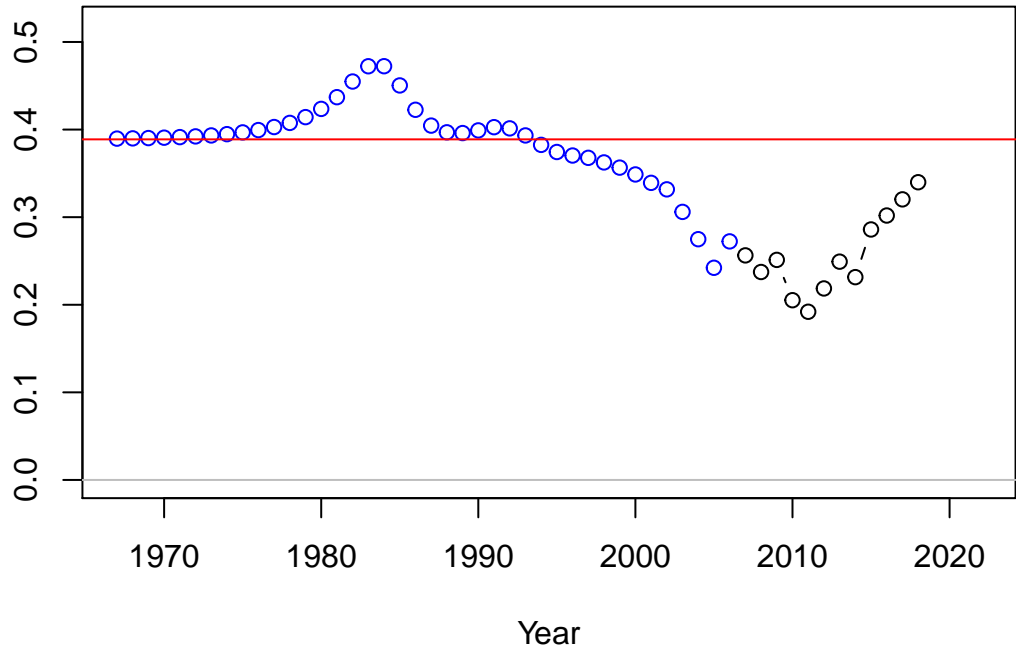


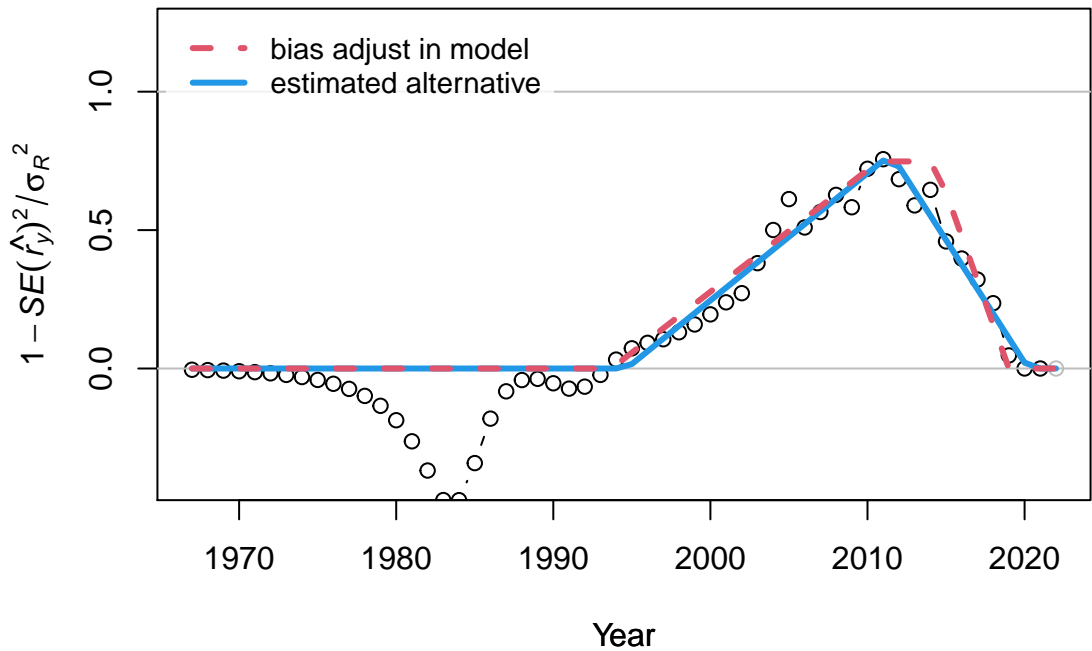
Log recruitment deviation

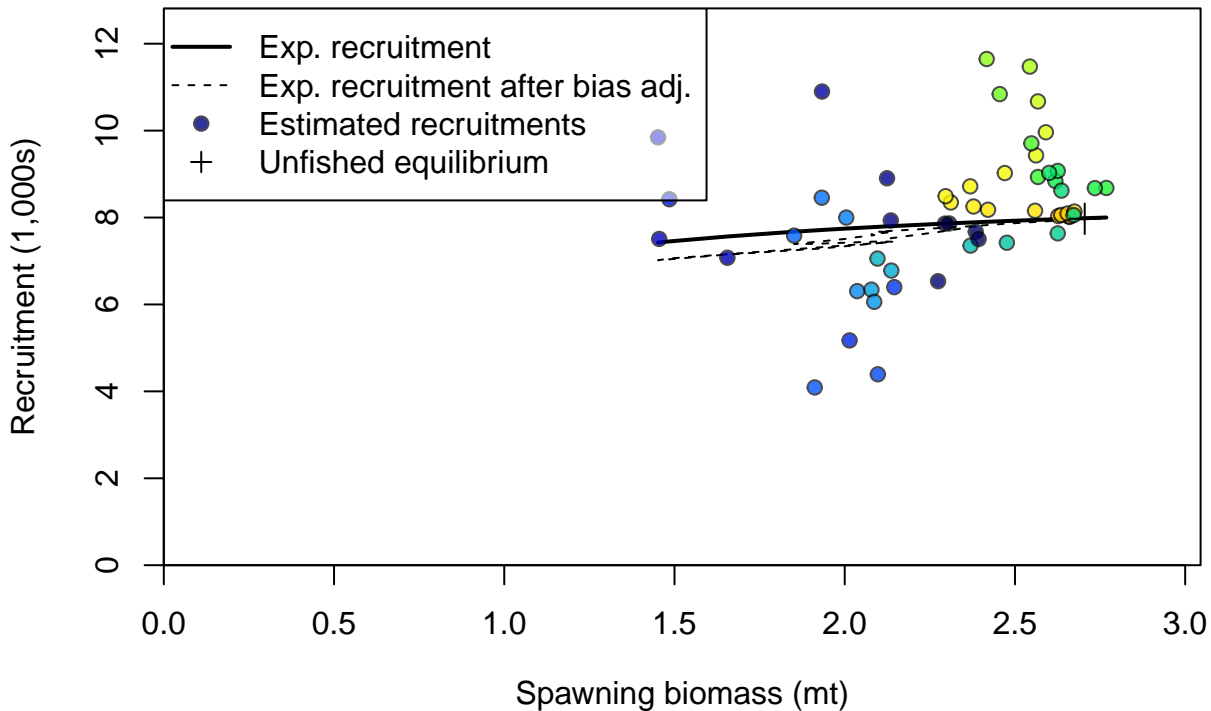


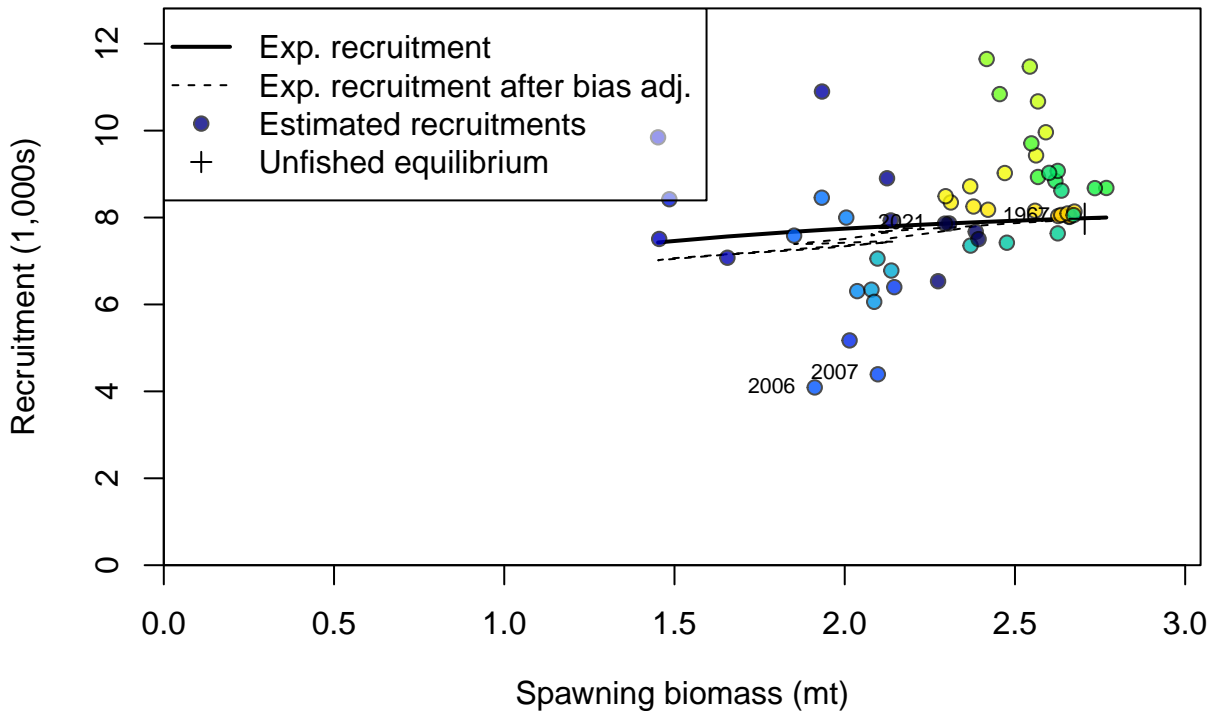
Recruitment deviation variance

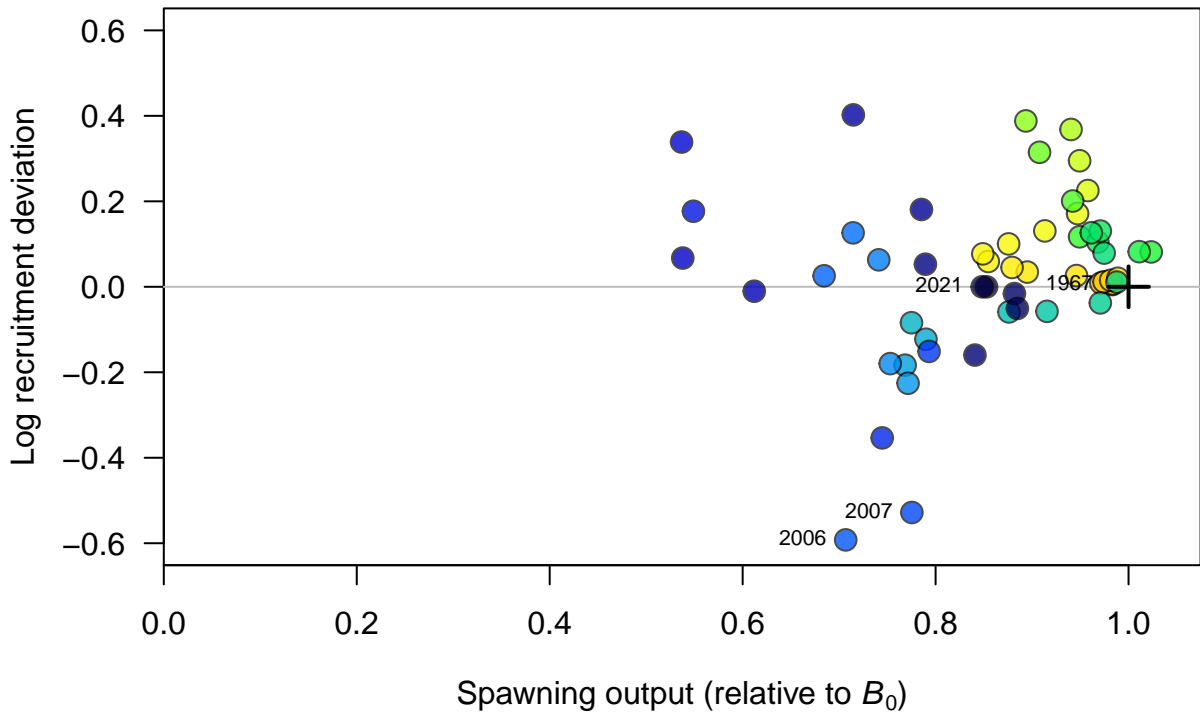
Asymptotic standard error estimate

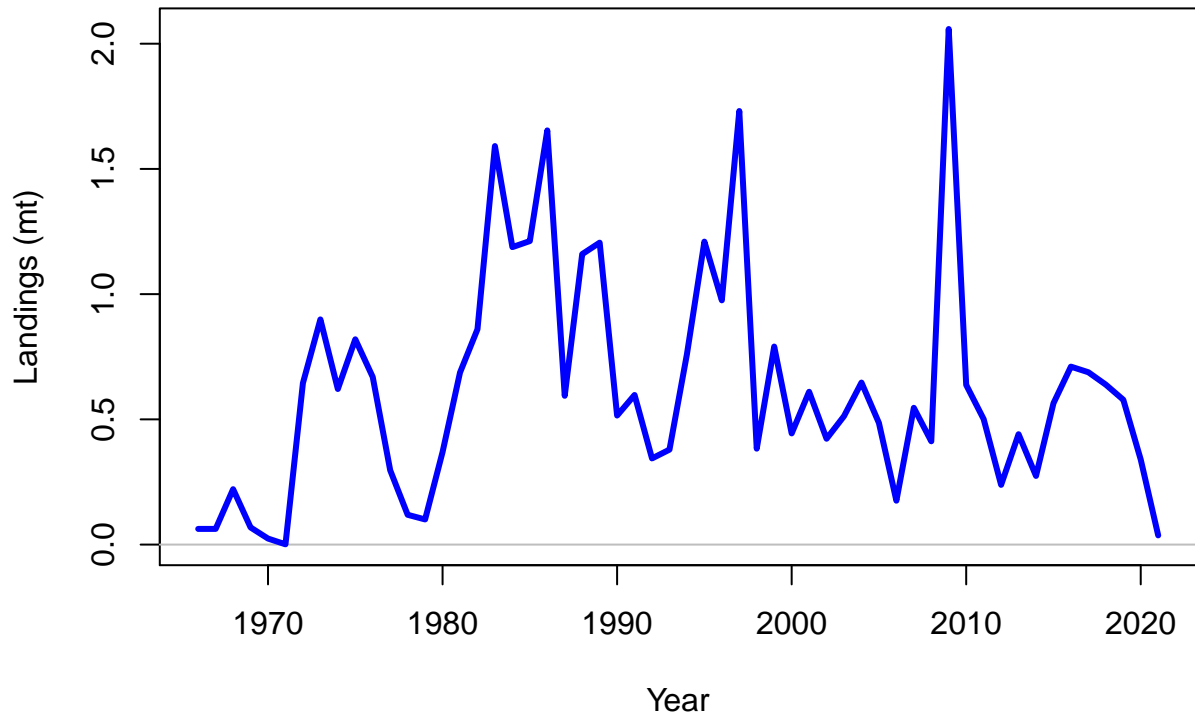


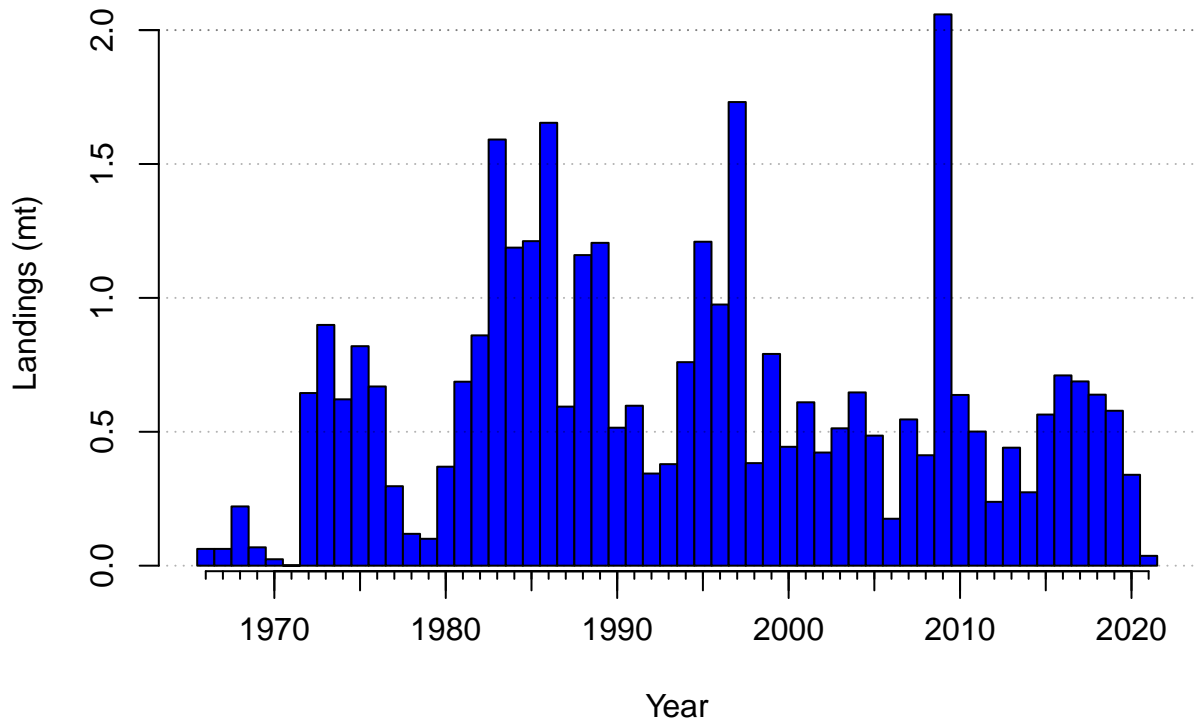


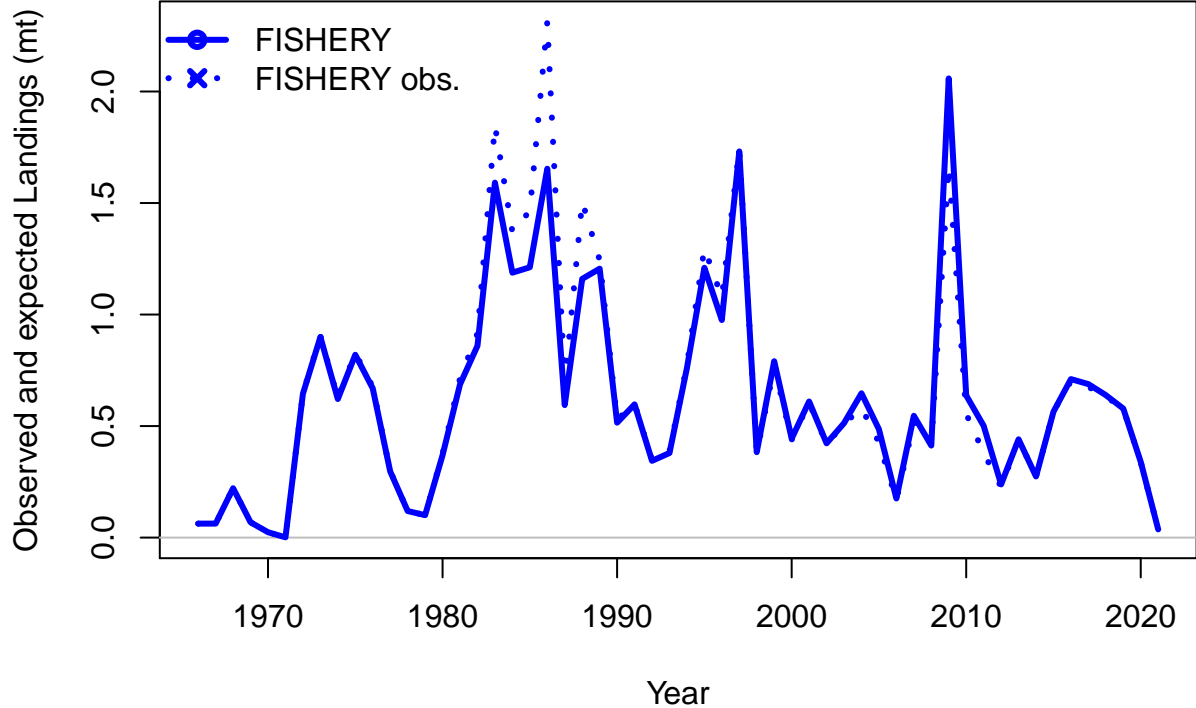


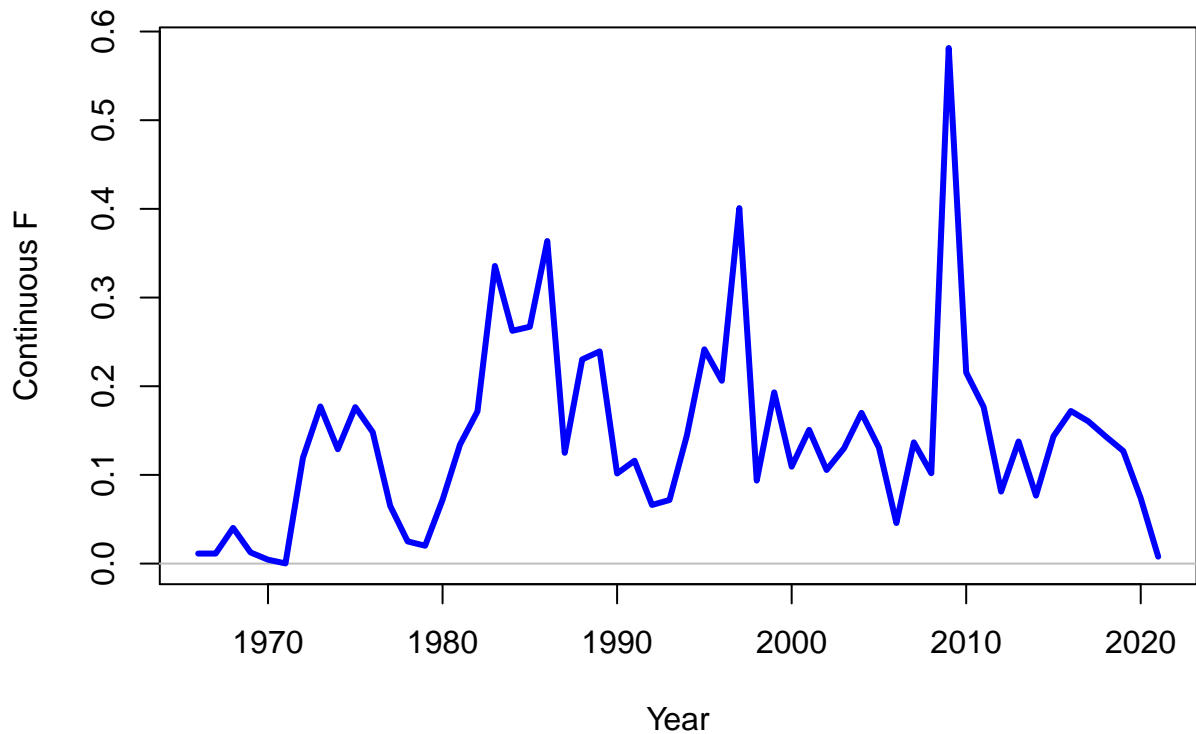




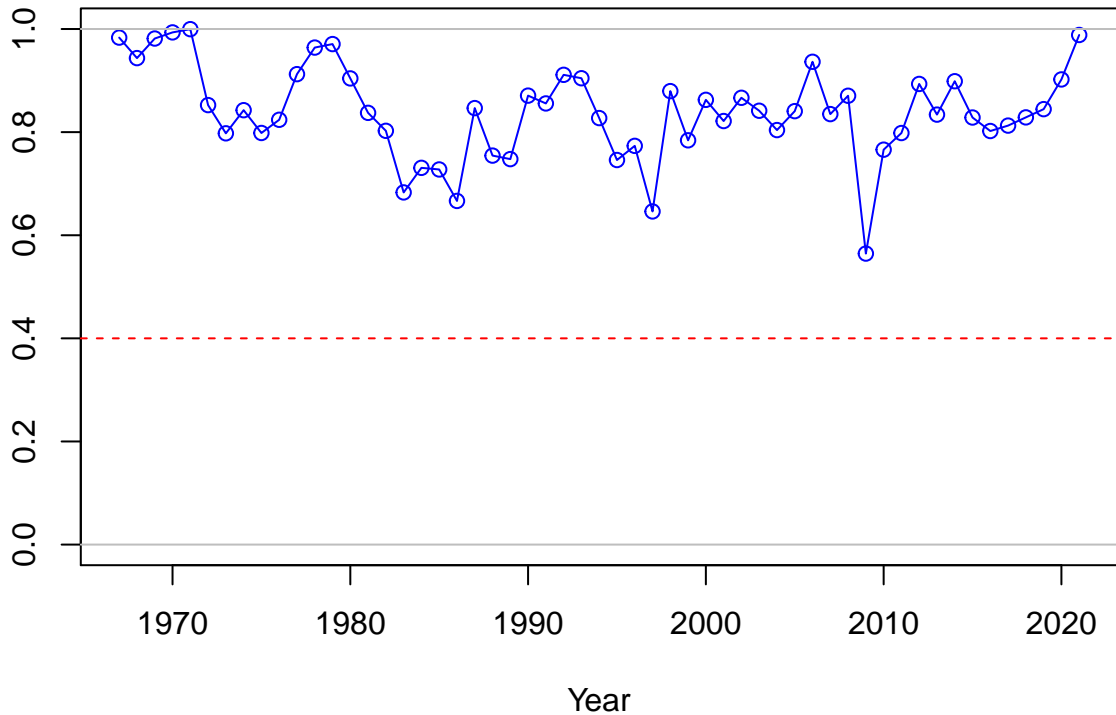




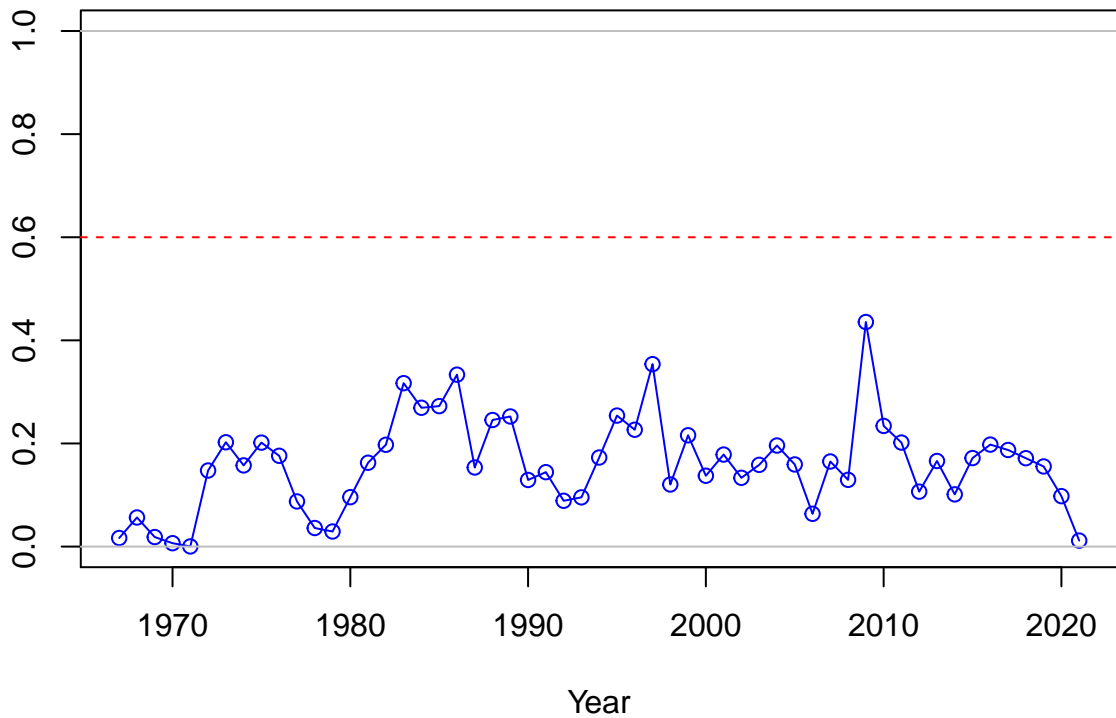




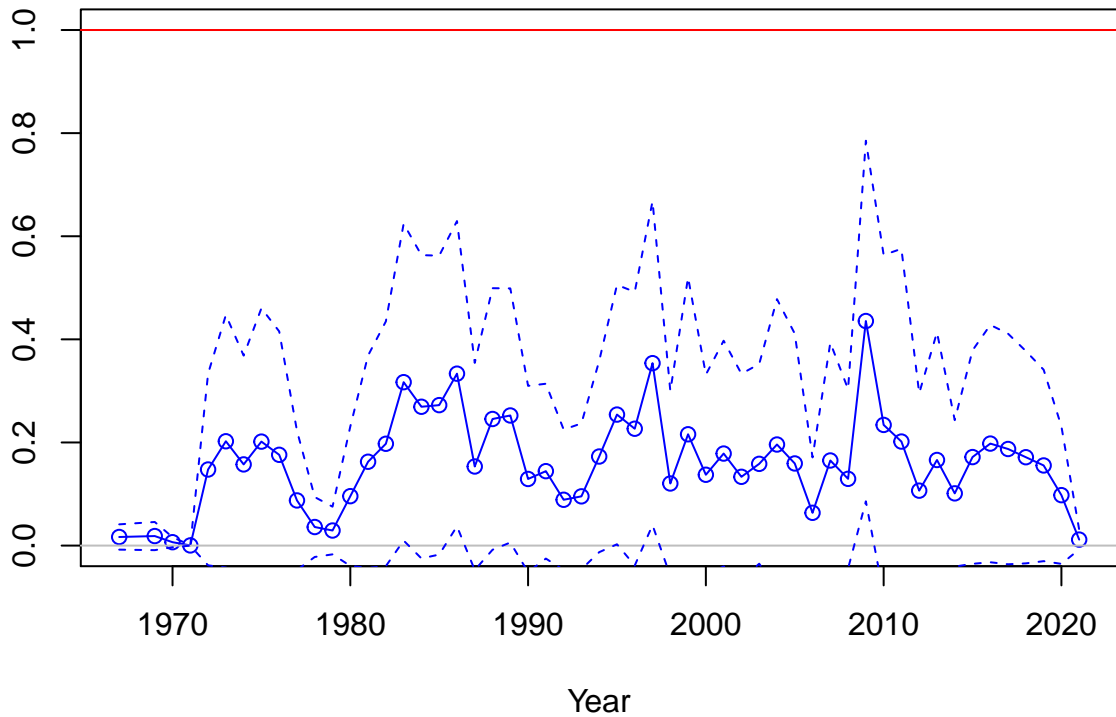
SPR



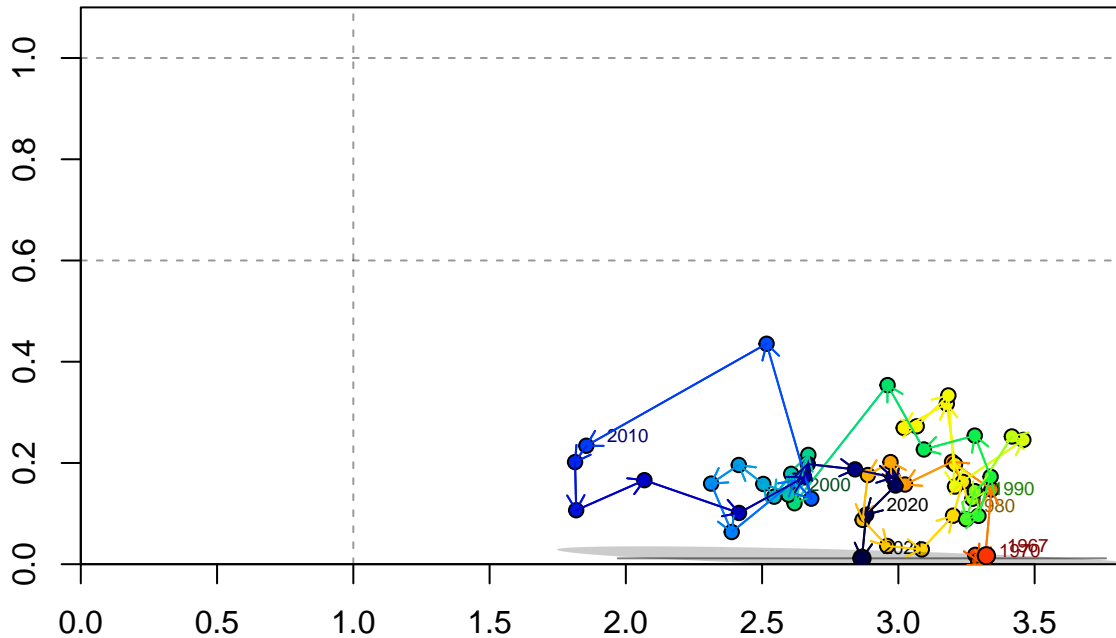
1-SPR



Fishing intensity: 1-SPR

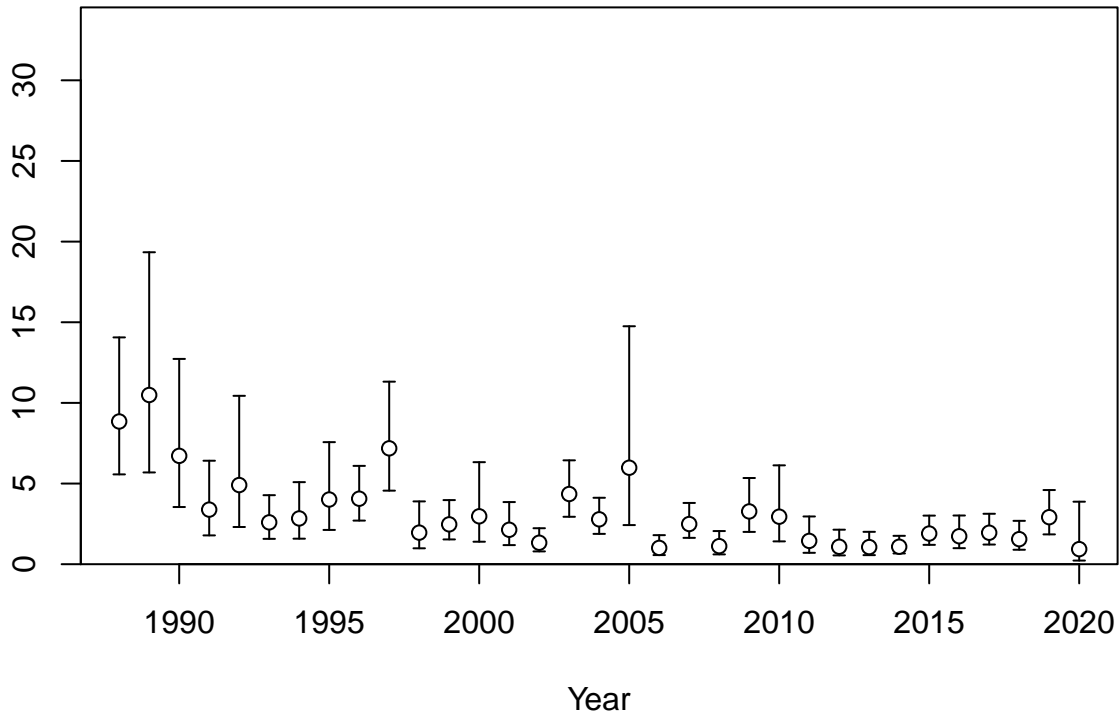


Fishing intensity: 1-SPR

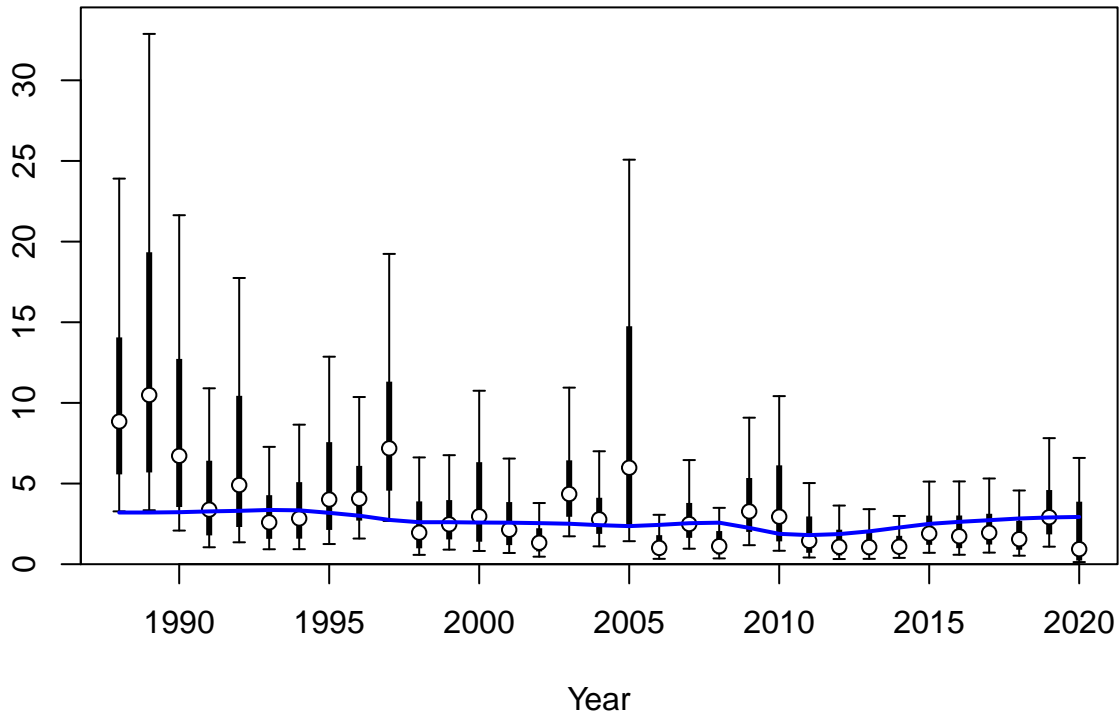


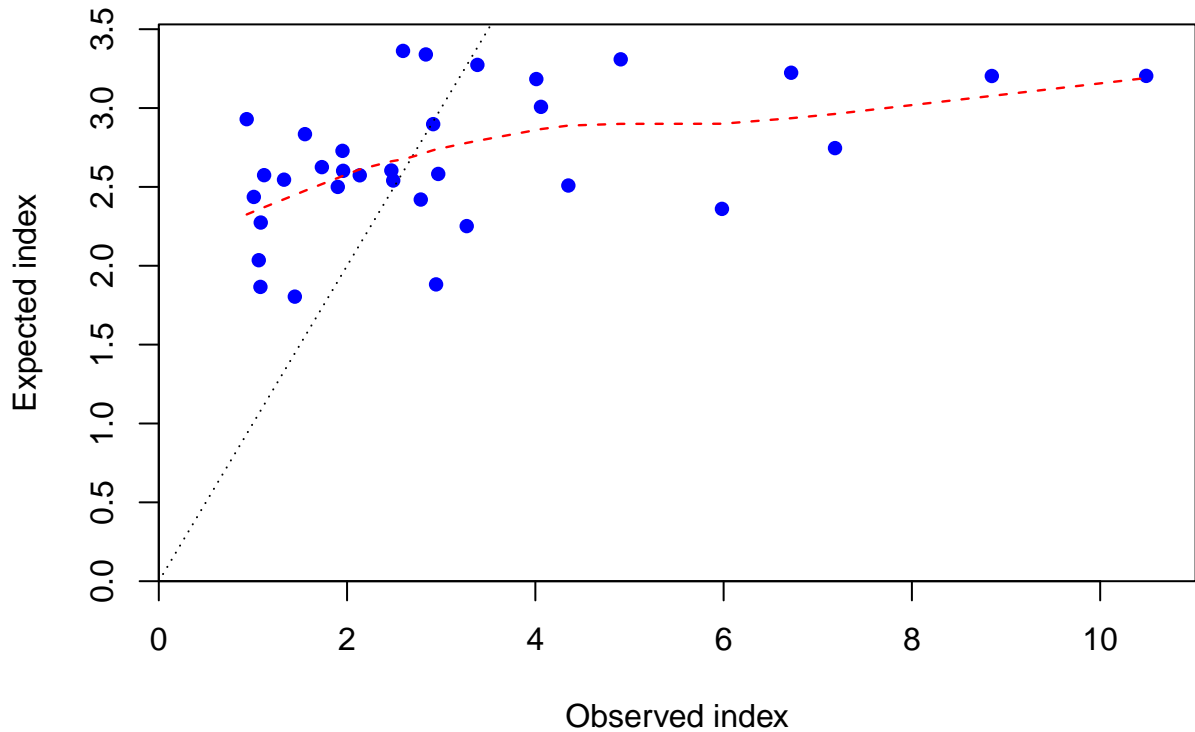
Relative spawning output: B/B_{MSY}

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0
-1
-2

1990

1995

2000

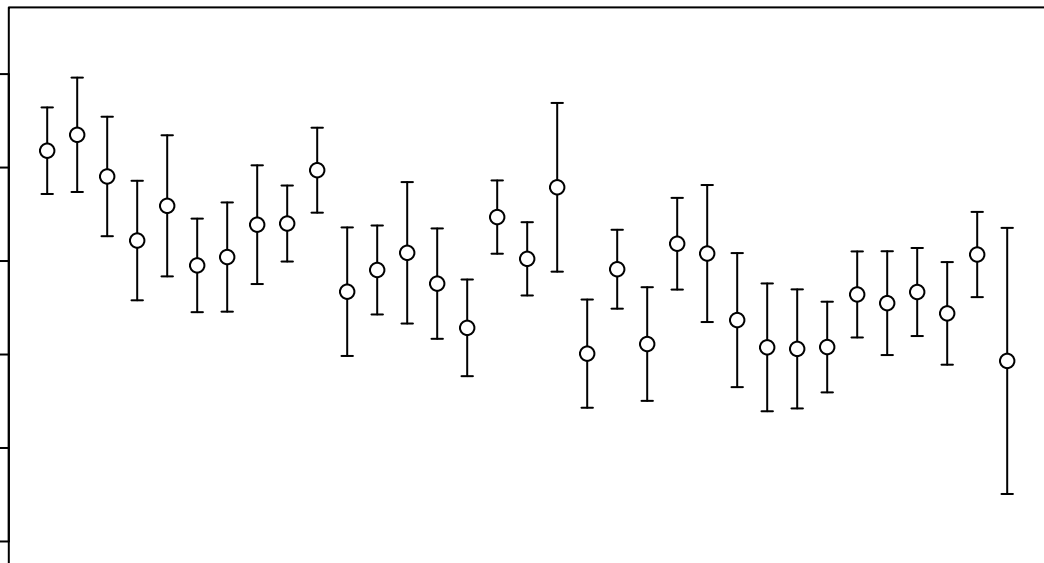
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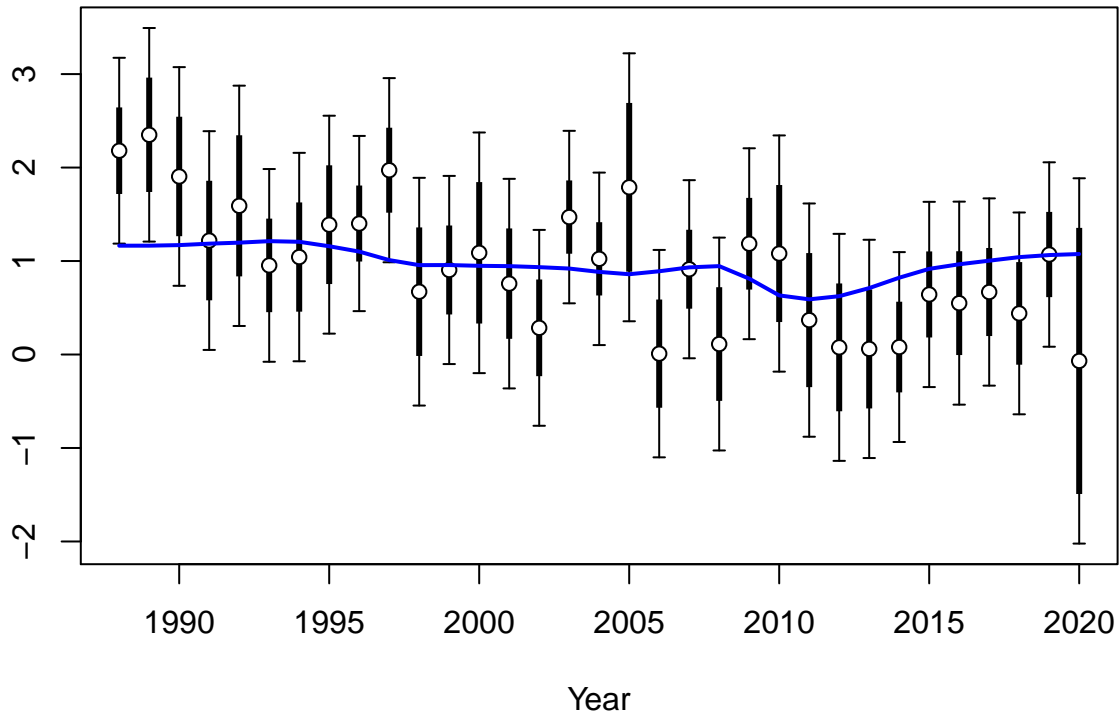
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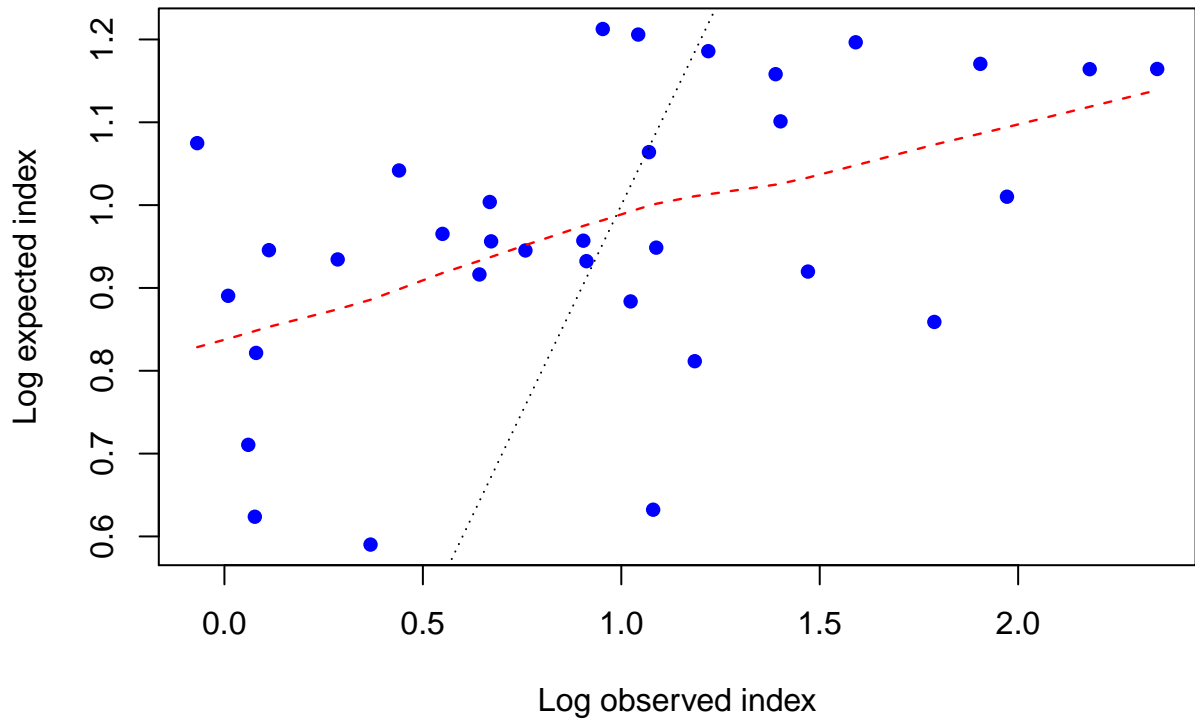
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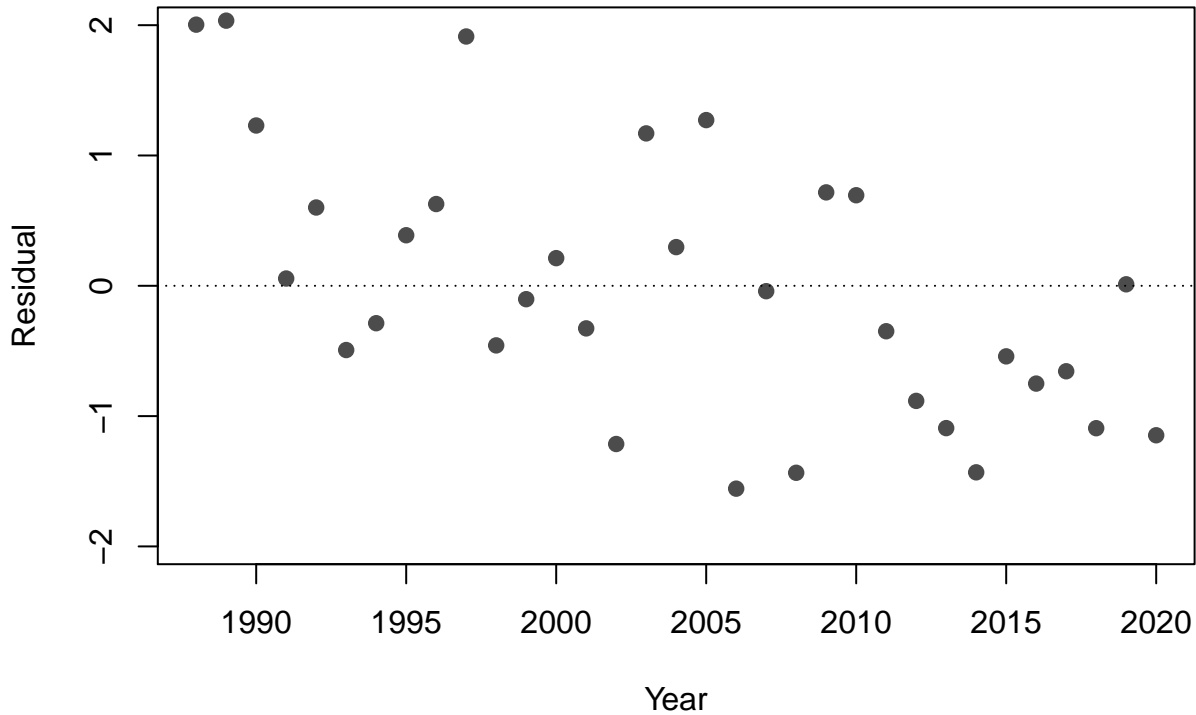
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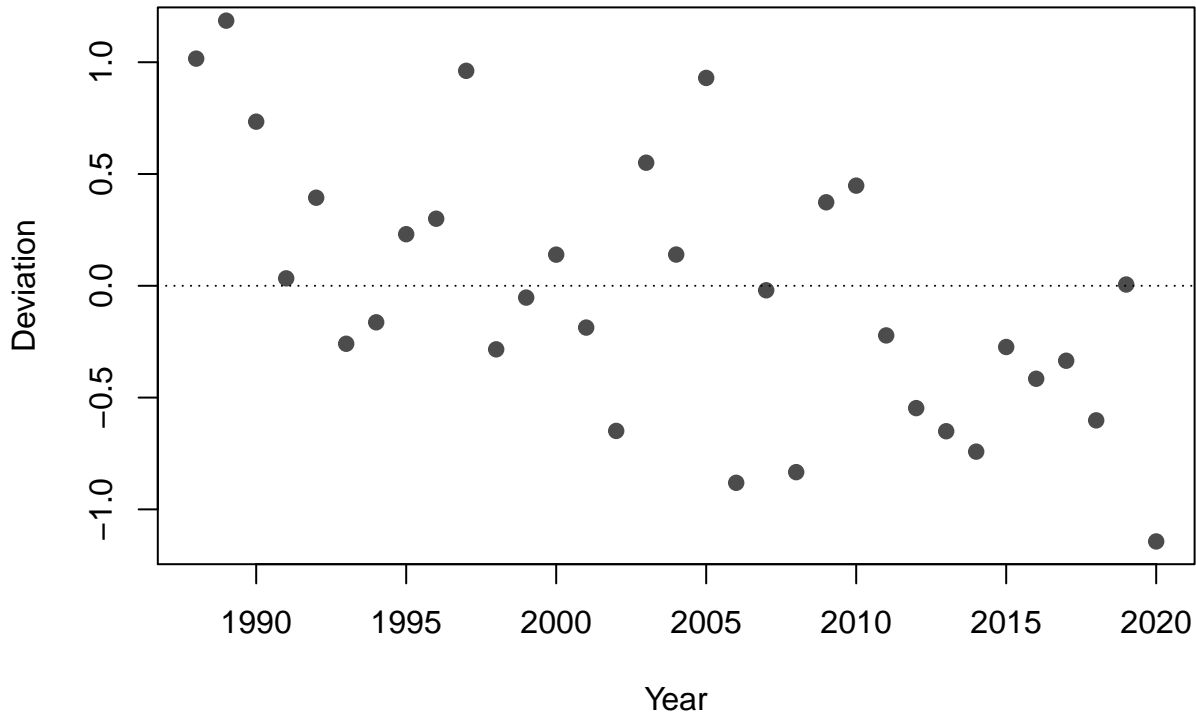


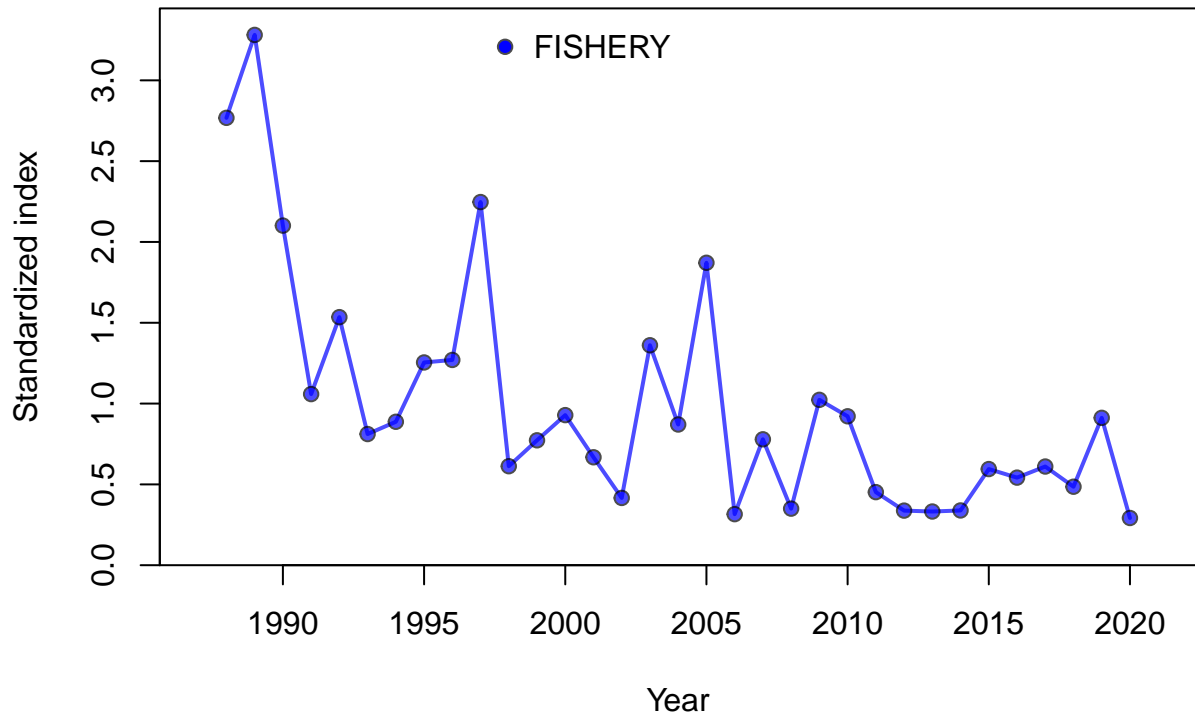
Log index



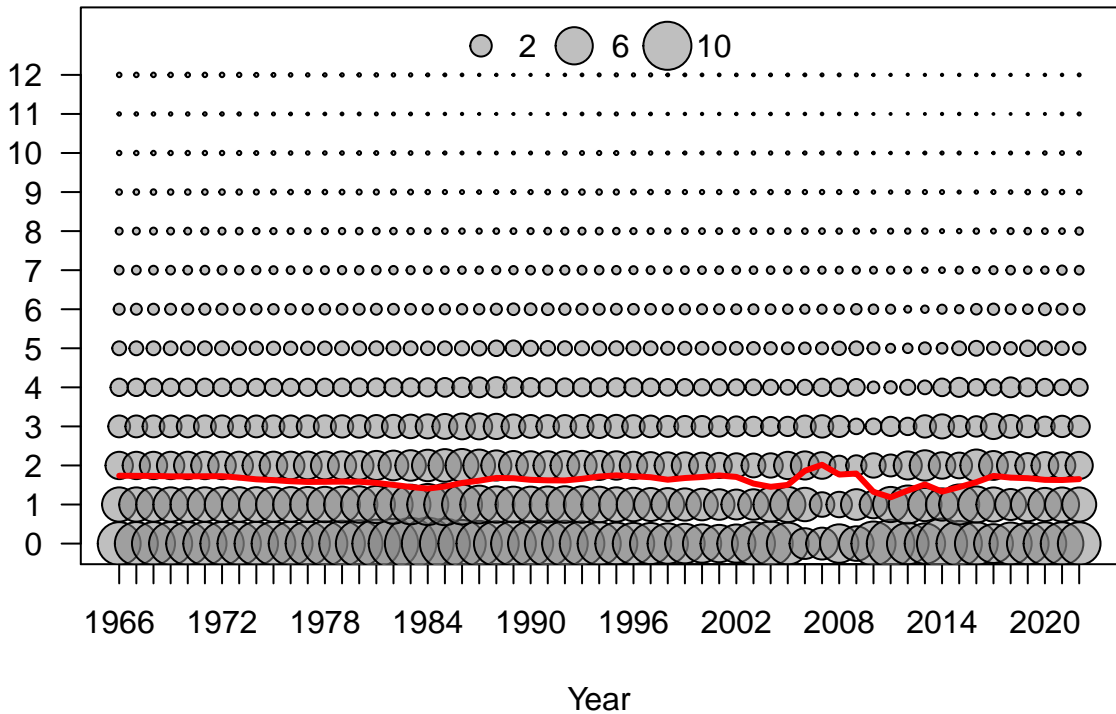




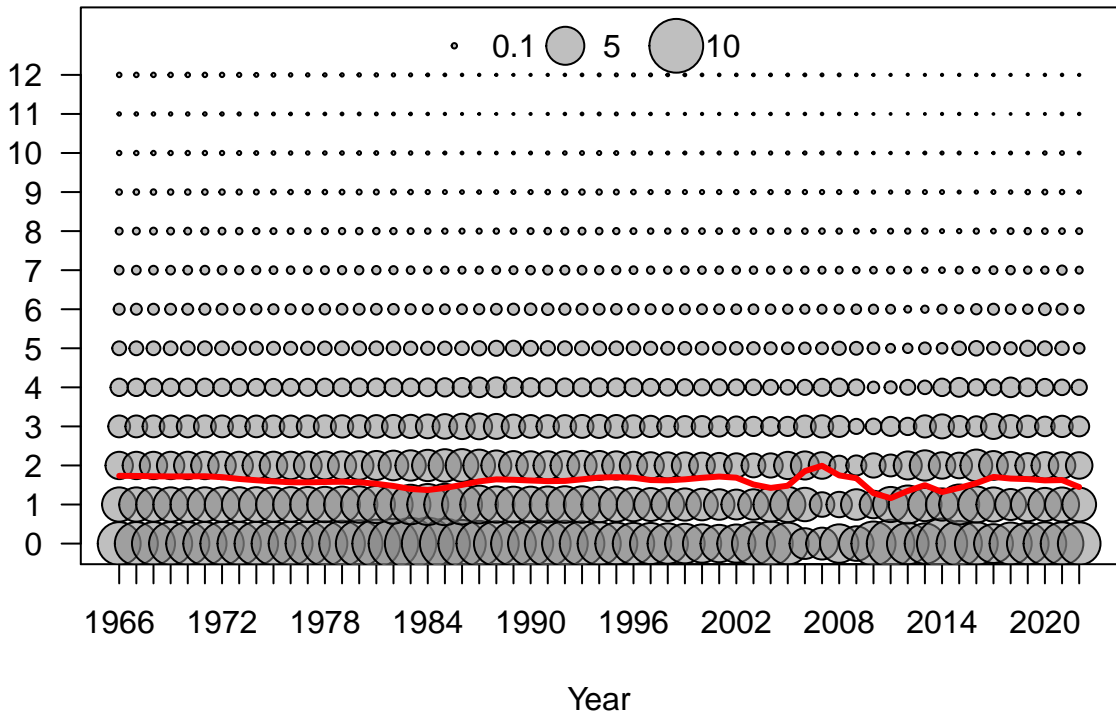


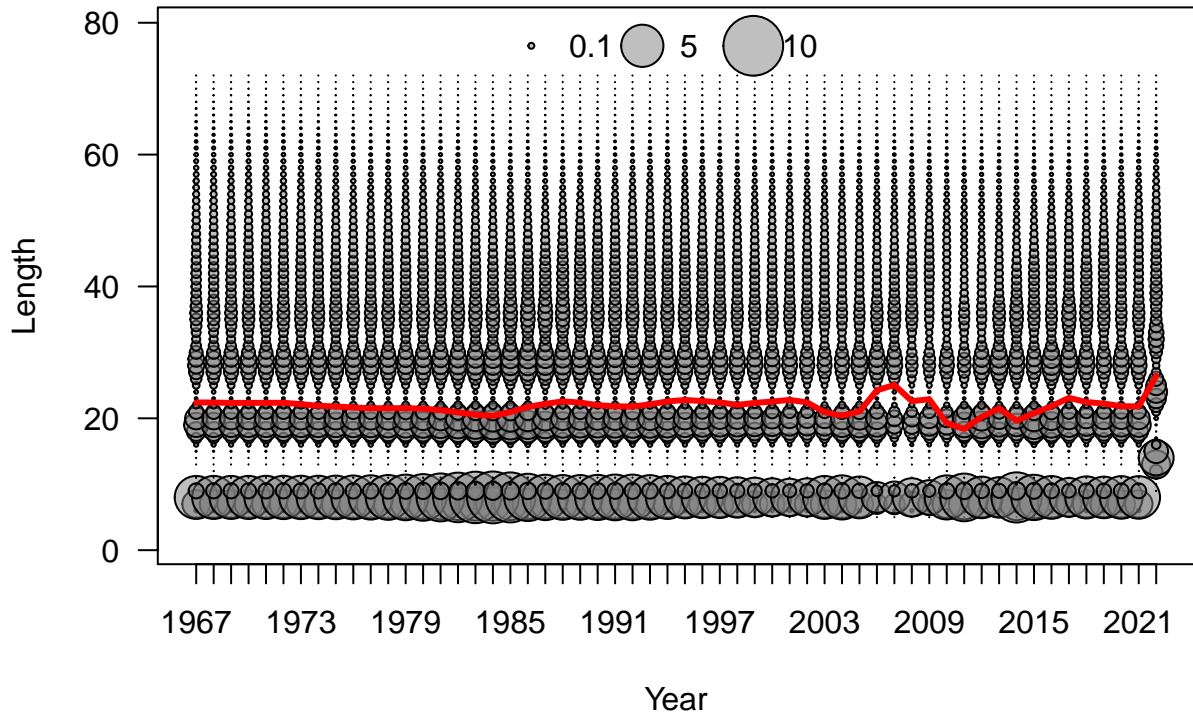


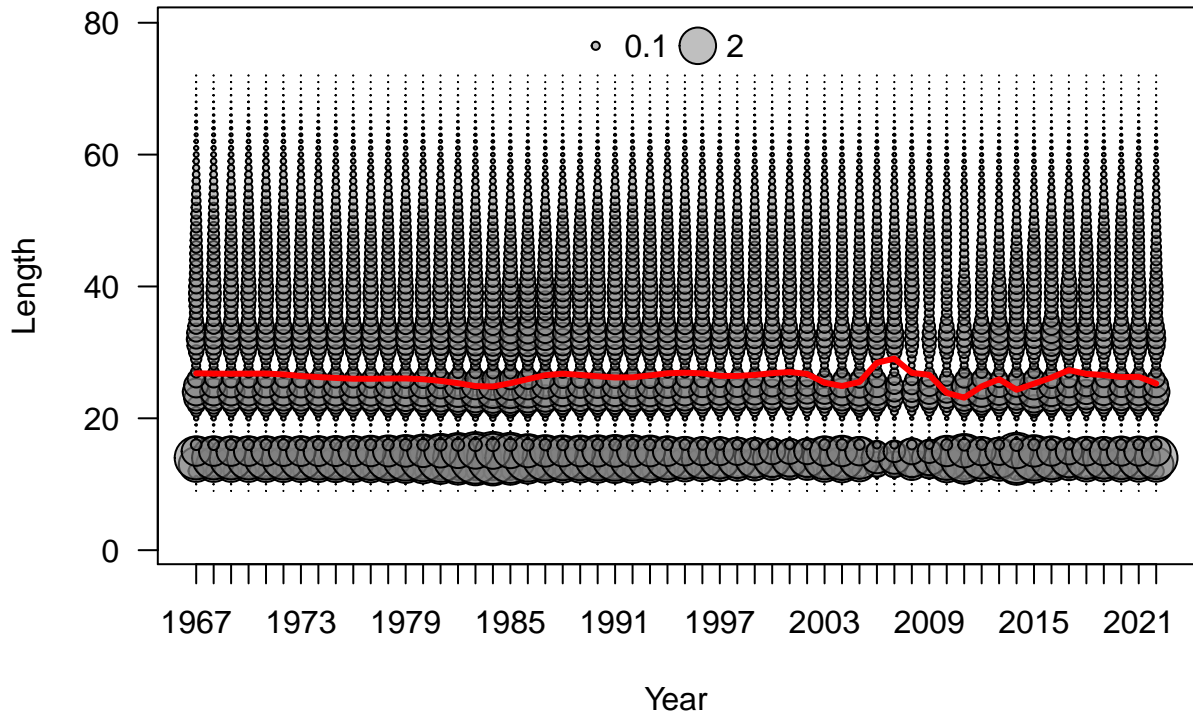
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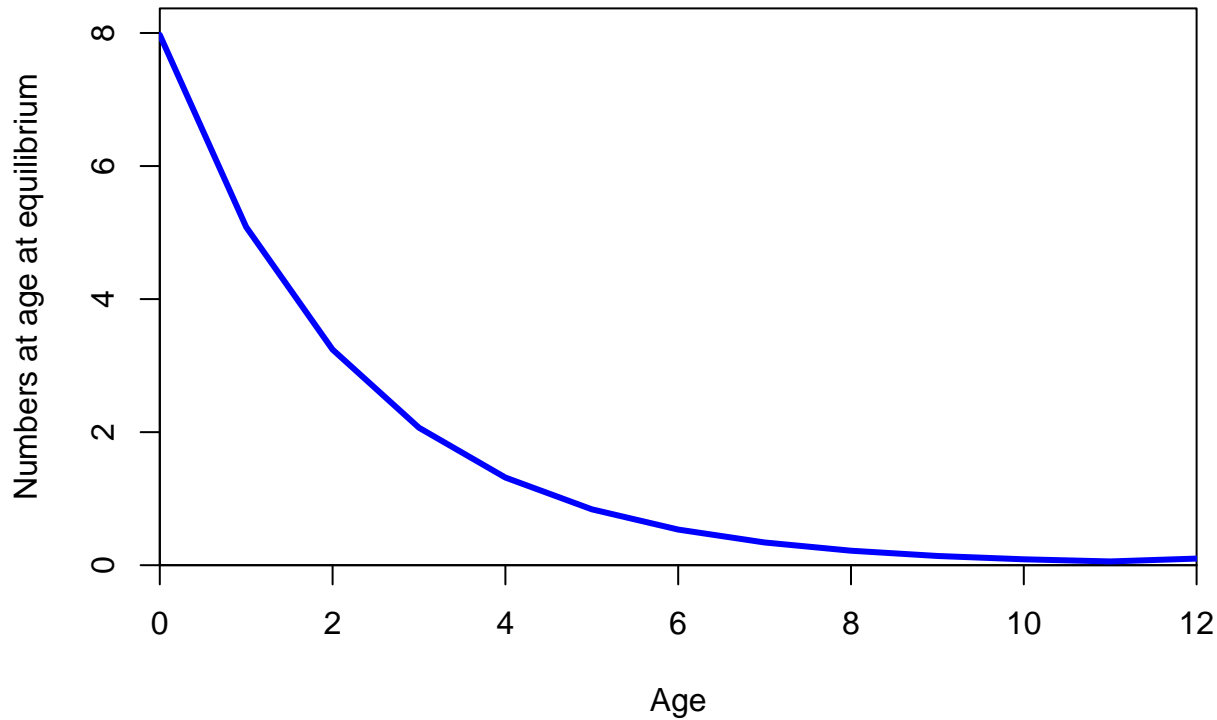


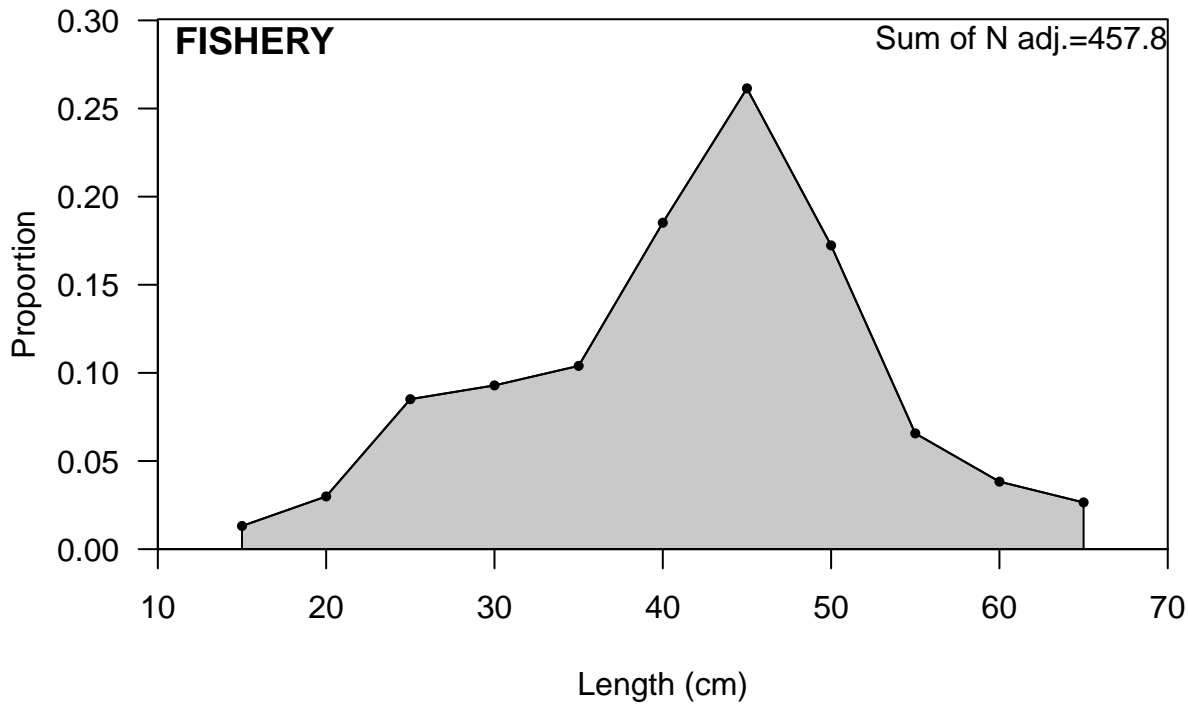
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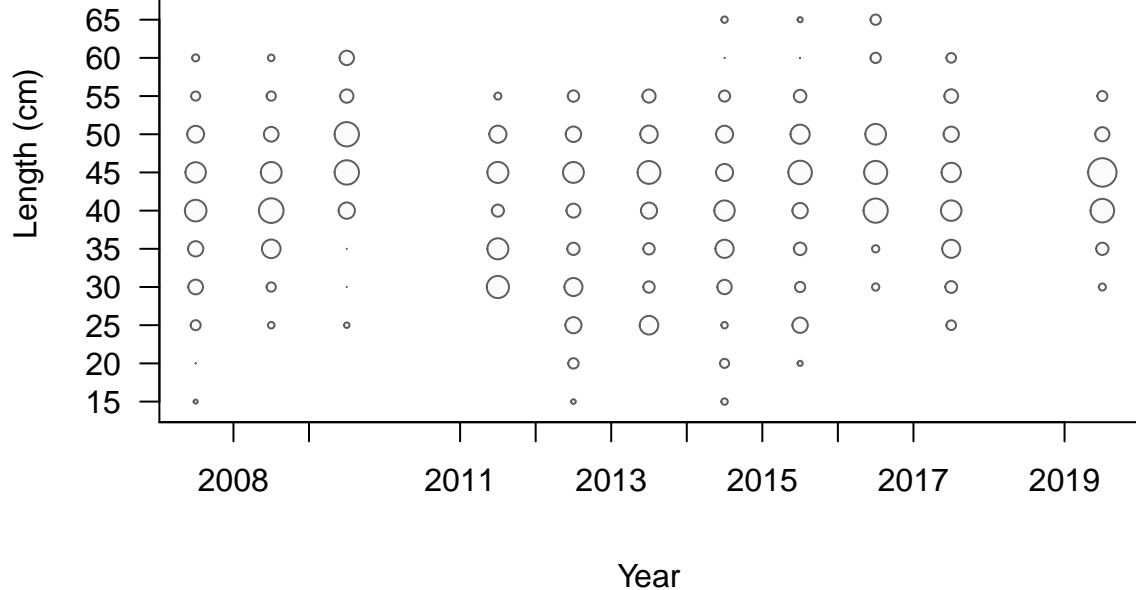




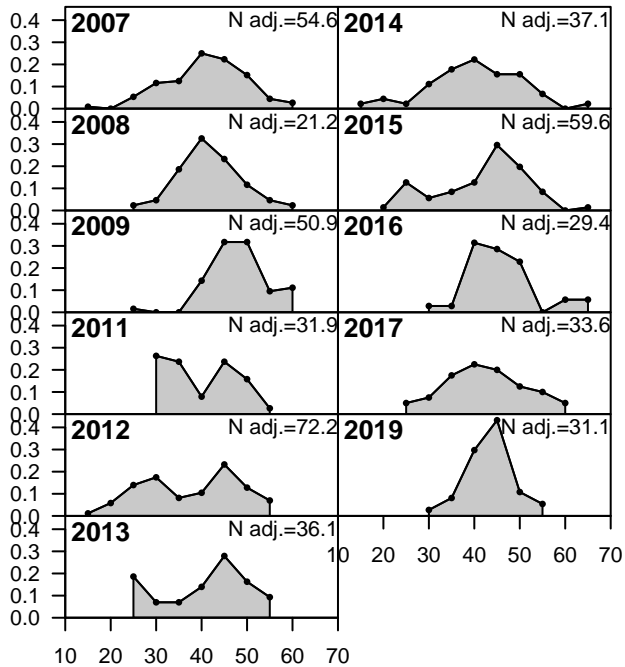


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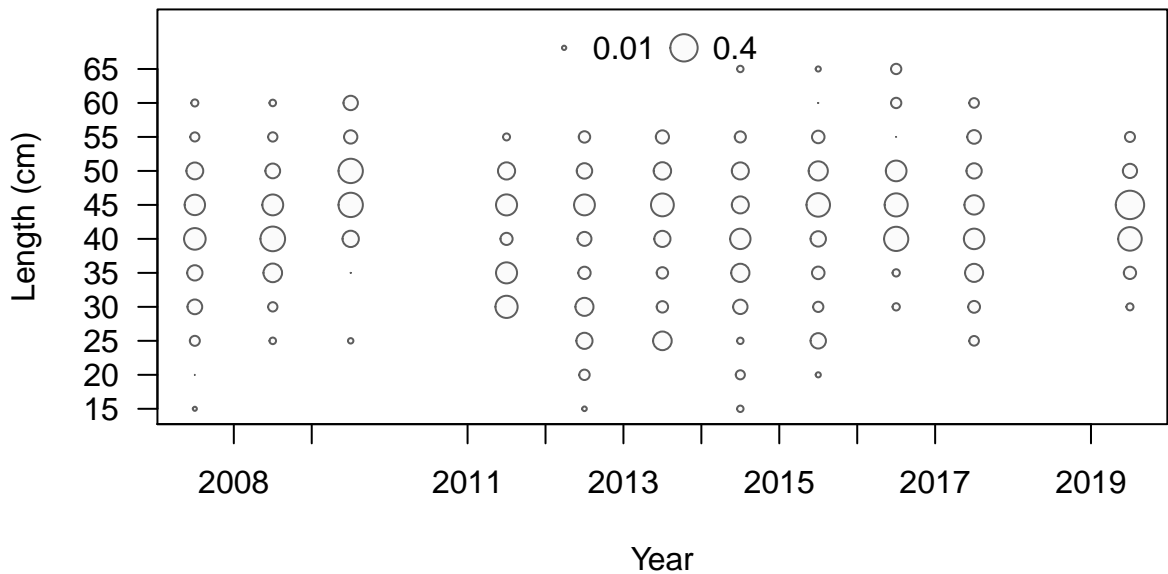
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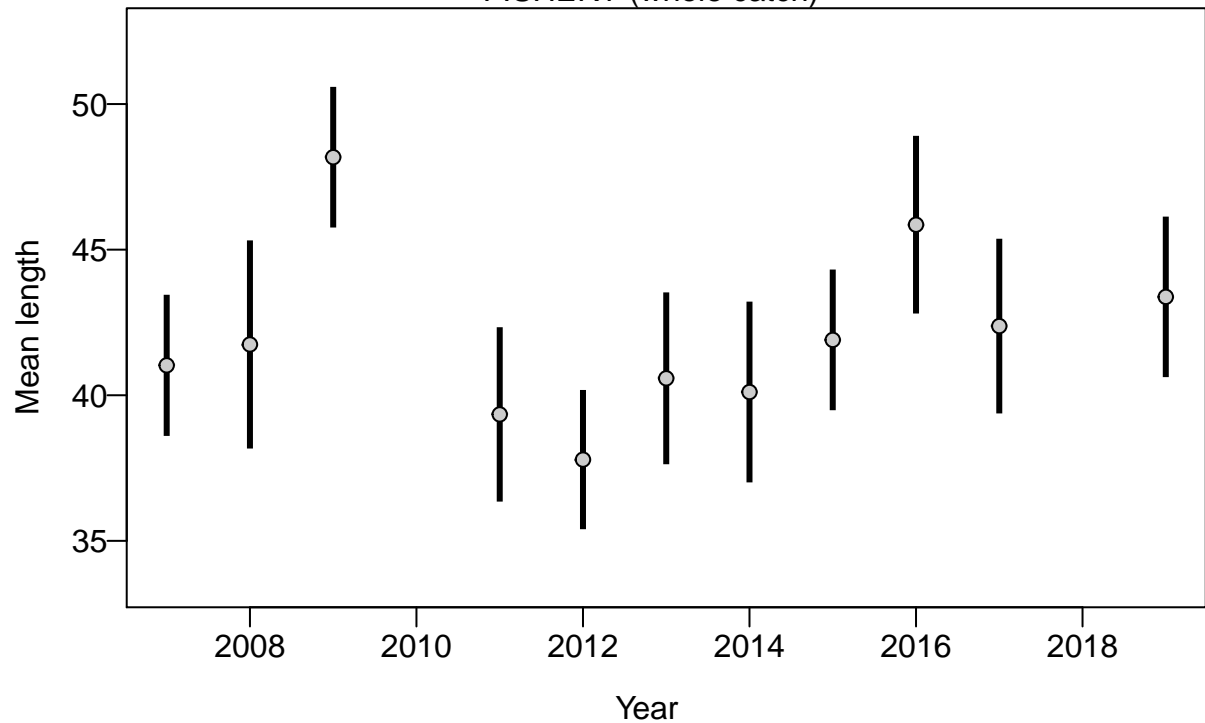
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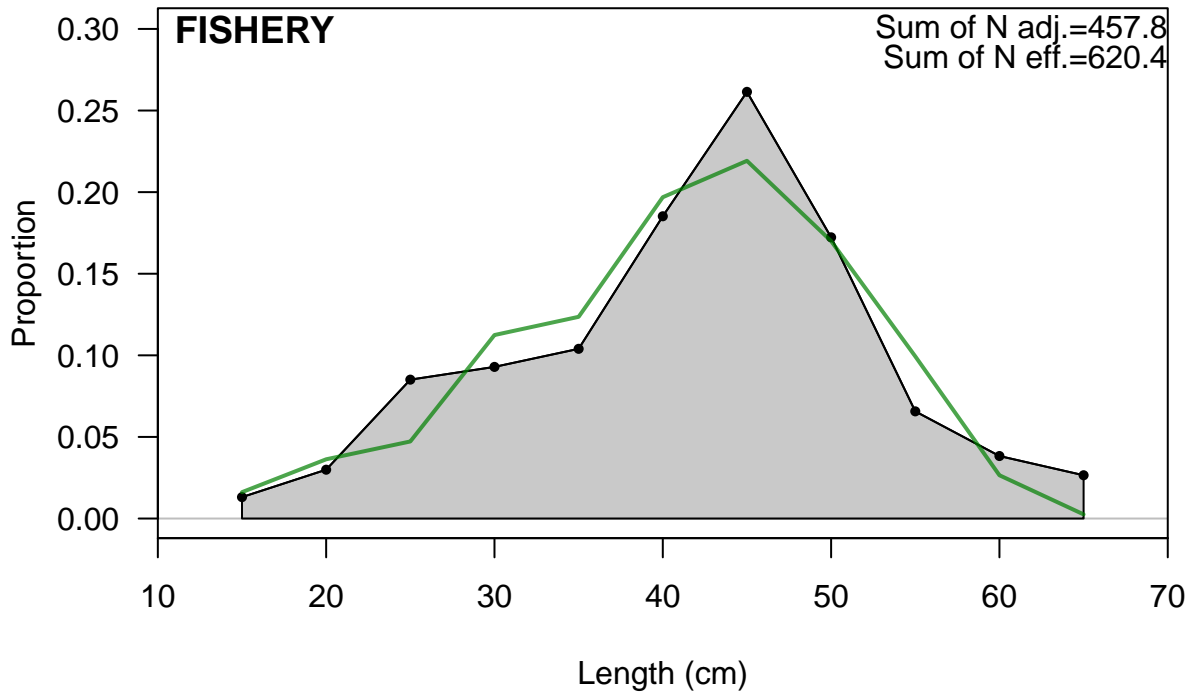


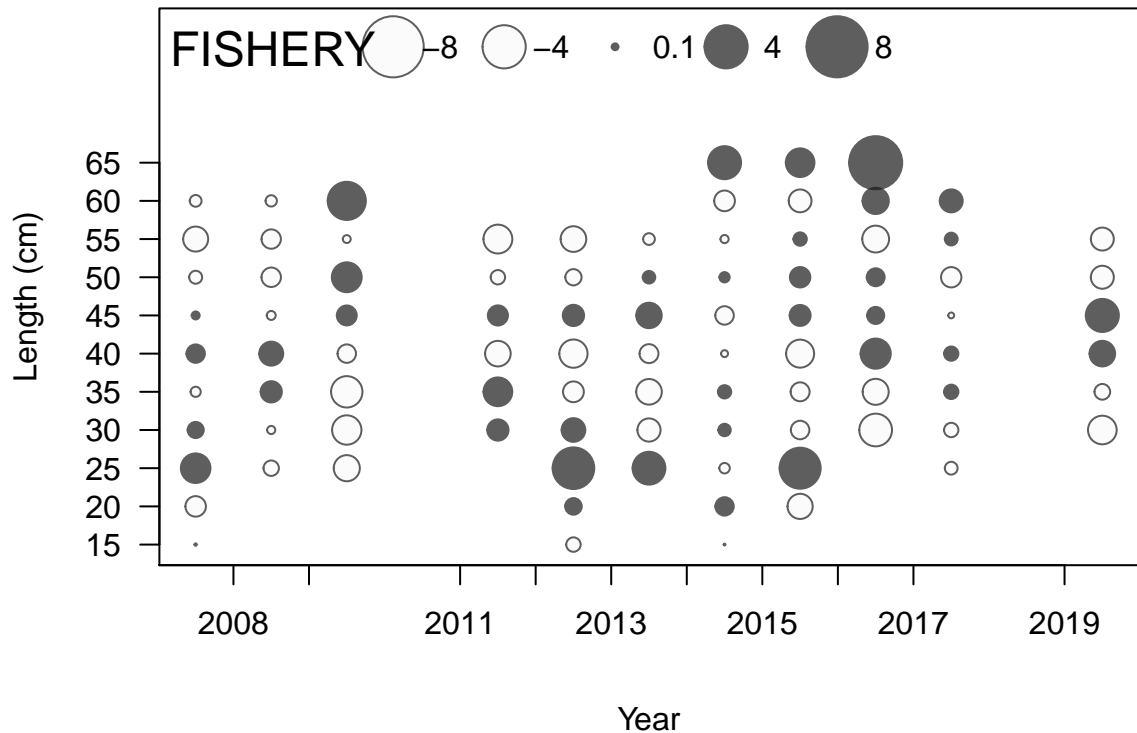
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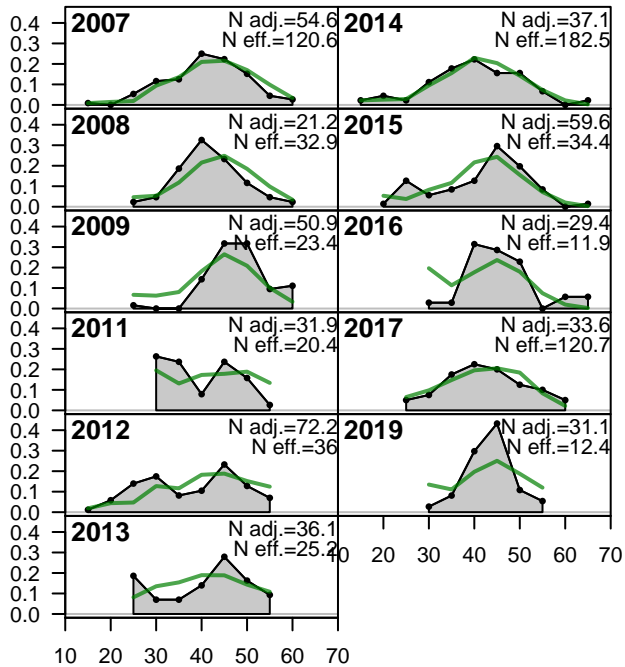
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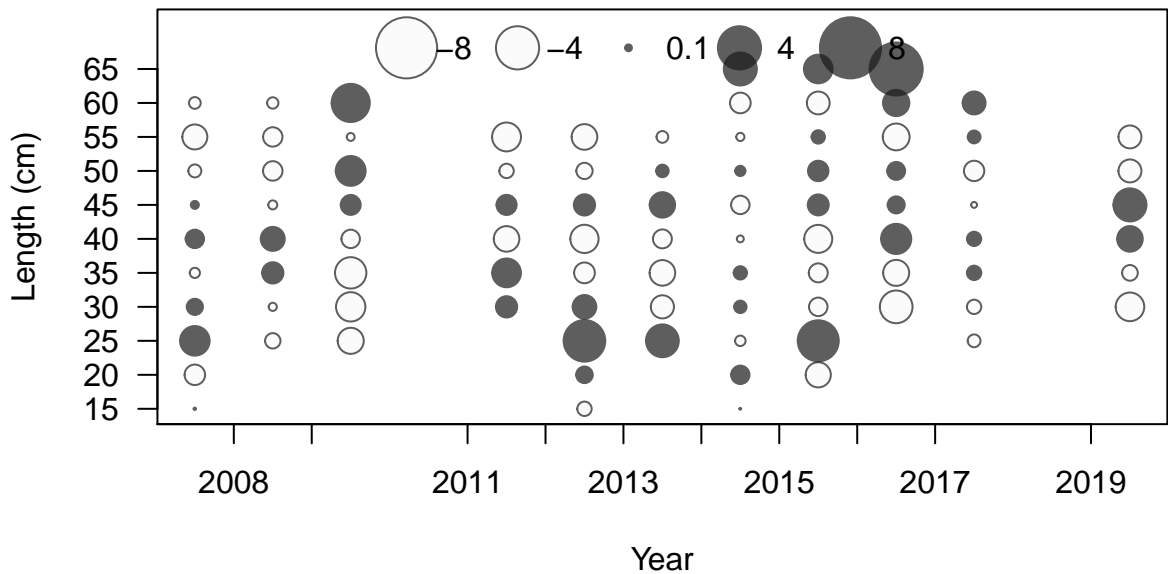


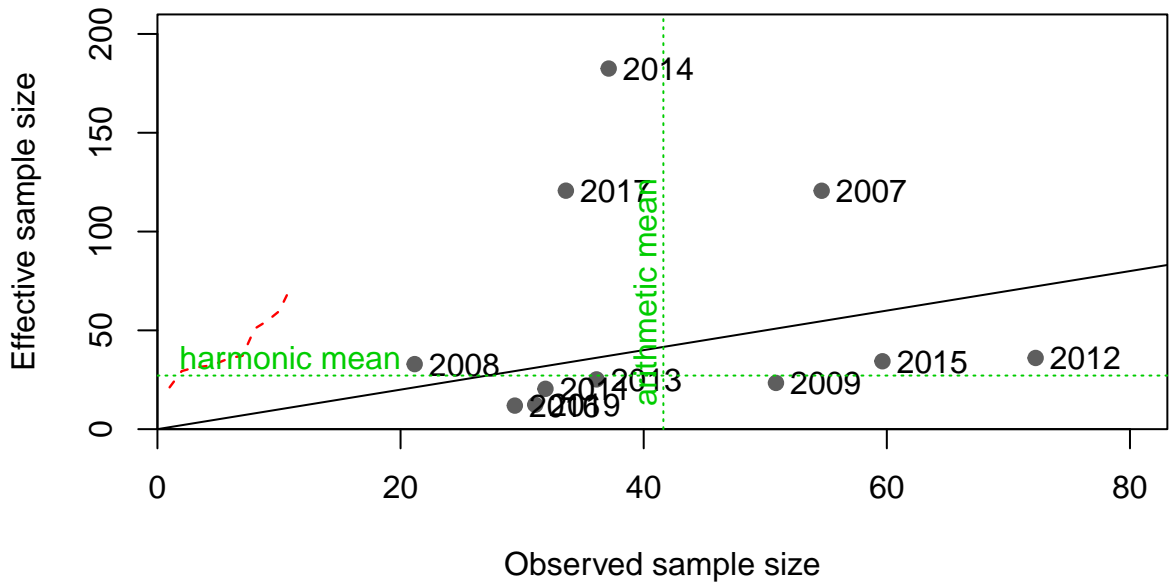


Proportion

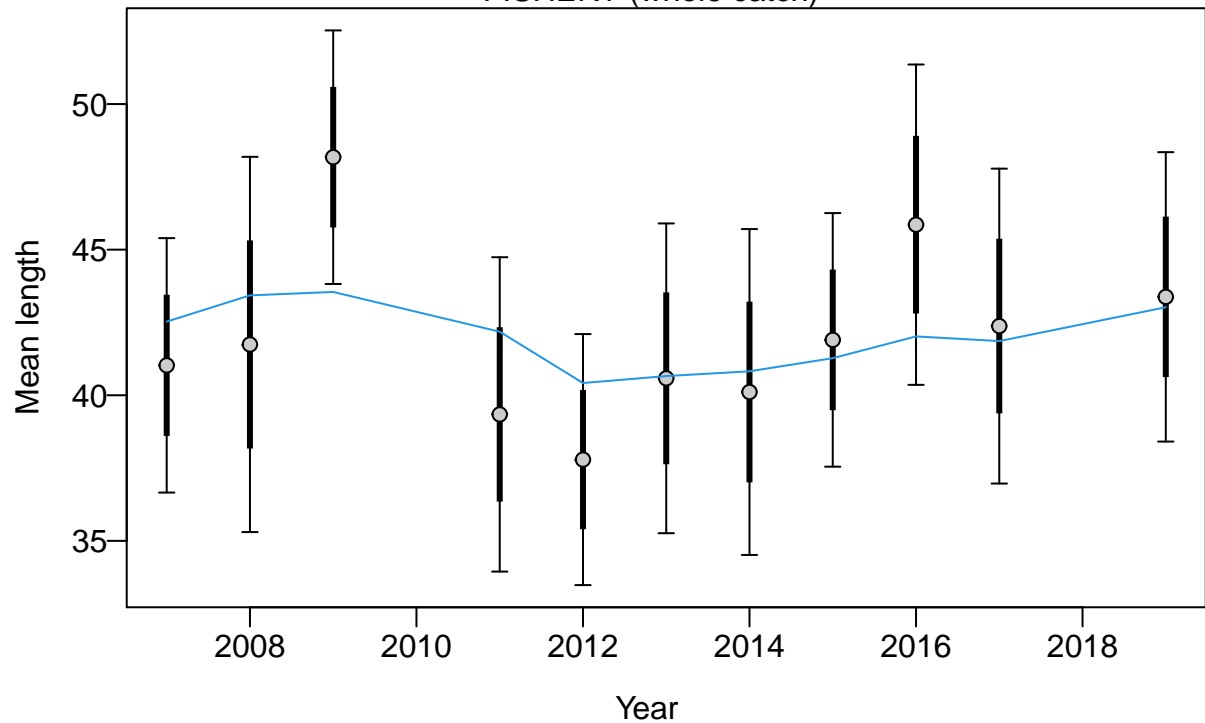


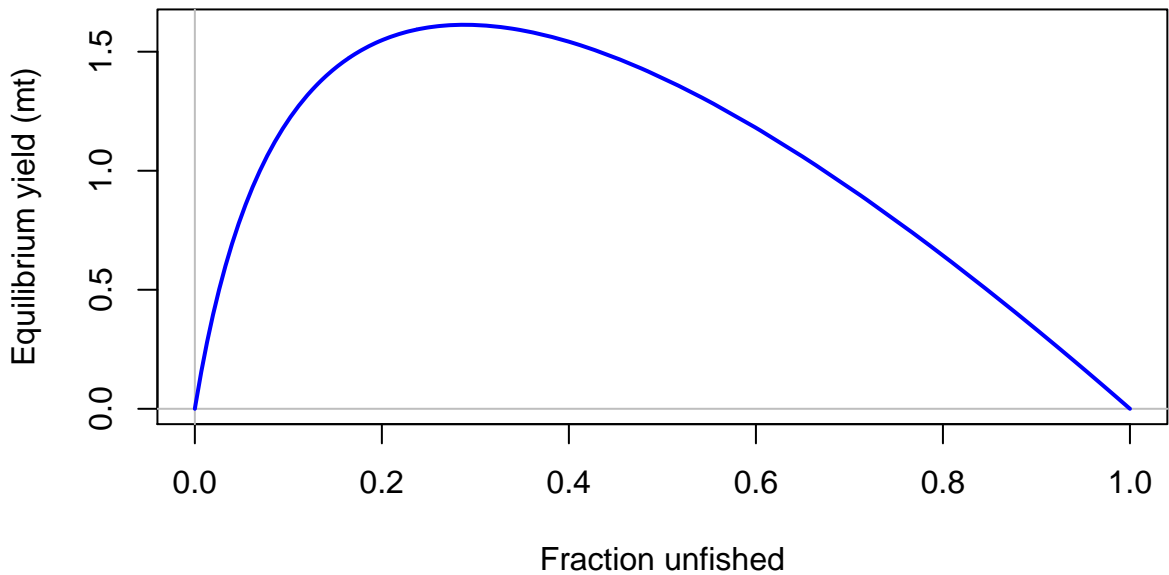
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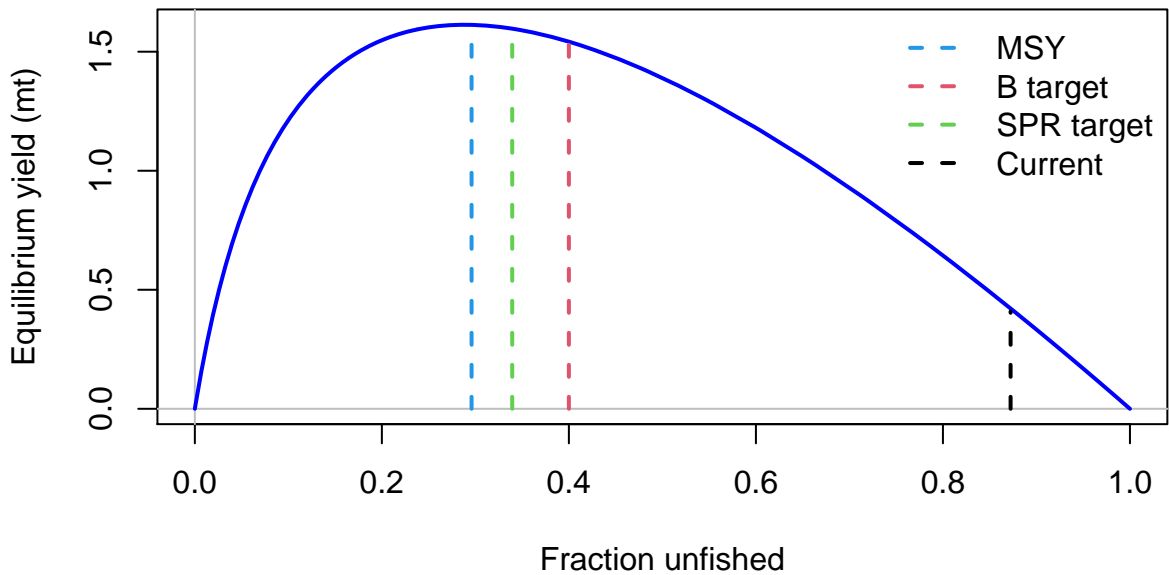


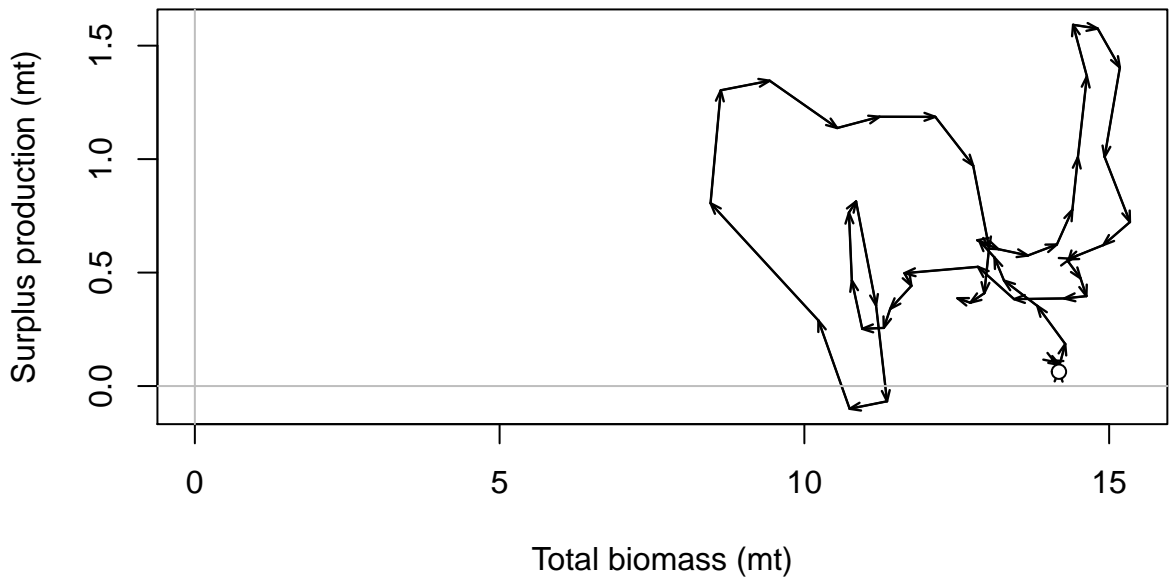


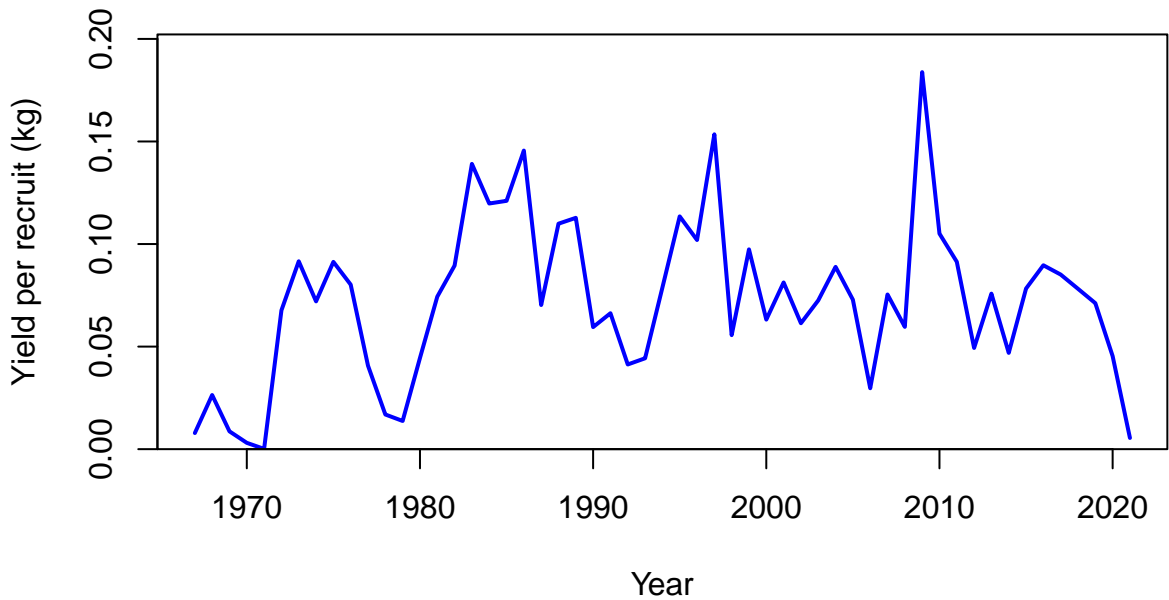
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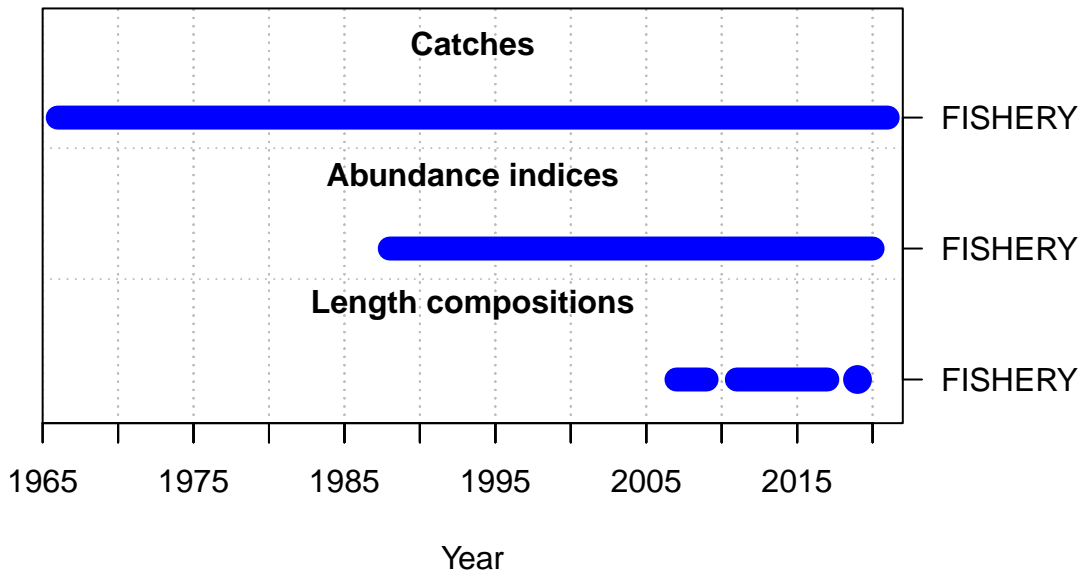


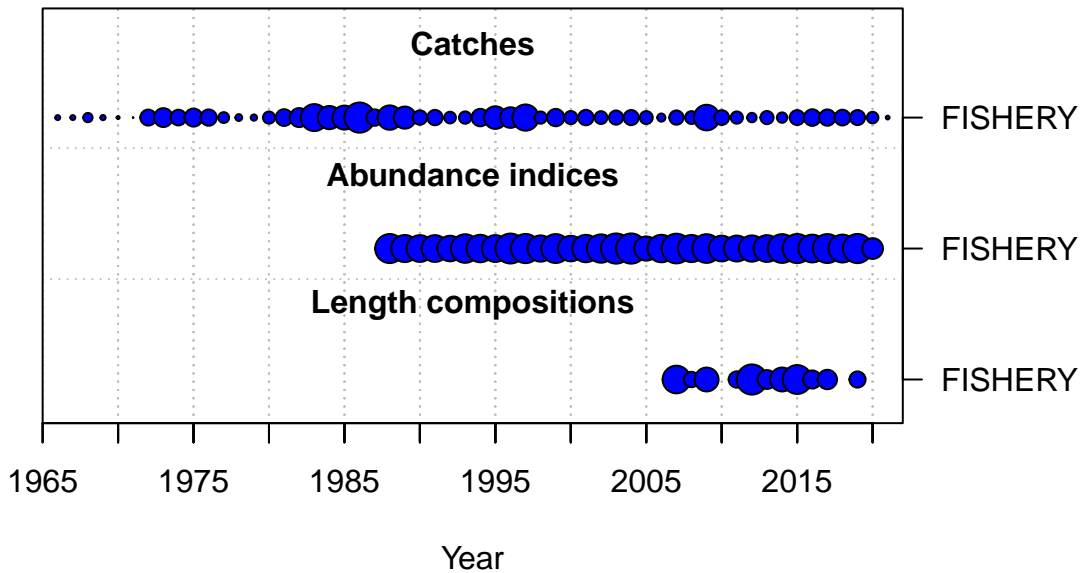




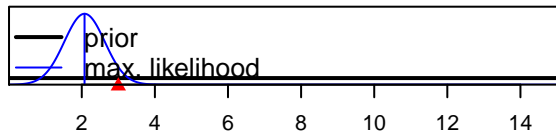




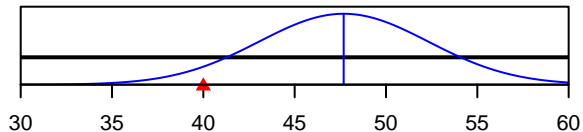




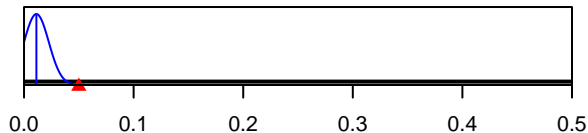
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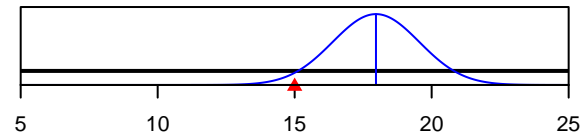
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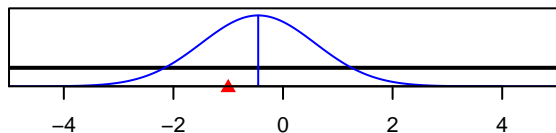
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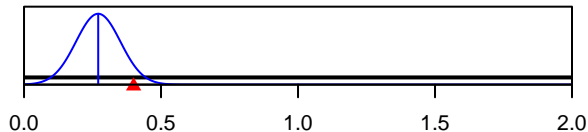
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LnQ_base_FISHERY(1)



Q_extraSD_FISHERY(1)



Parameter value