

Plots created using the 'r4ss' package in R

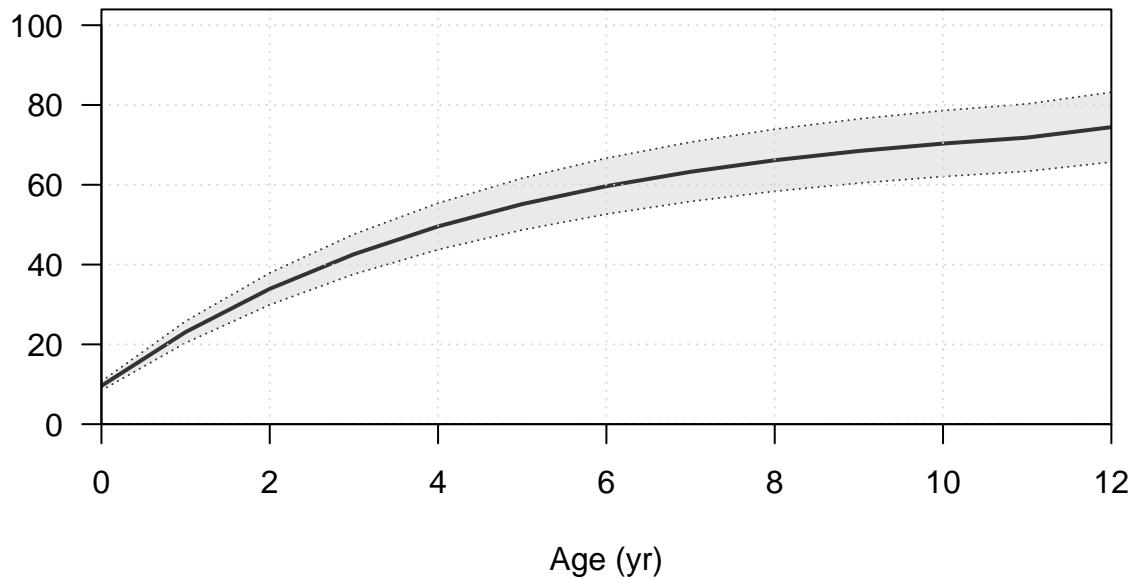
Stock Synthesis version: 3.30.19.0

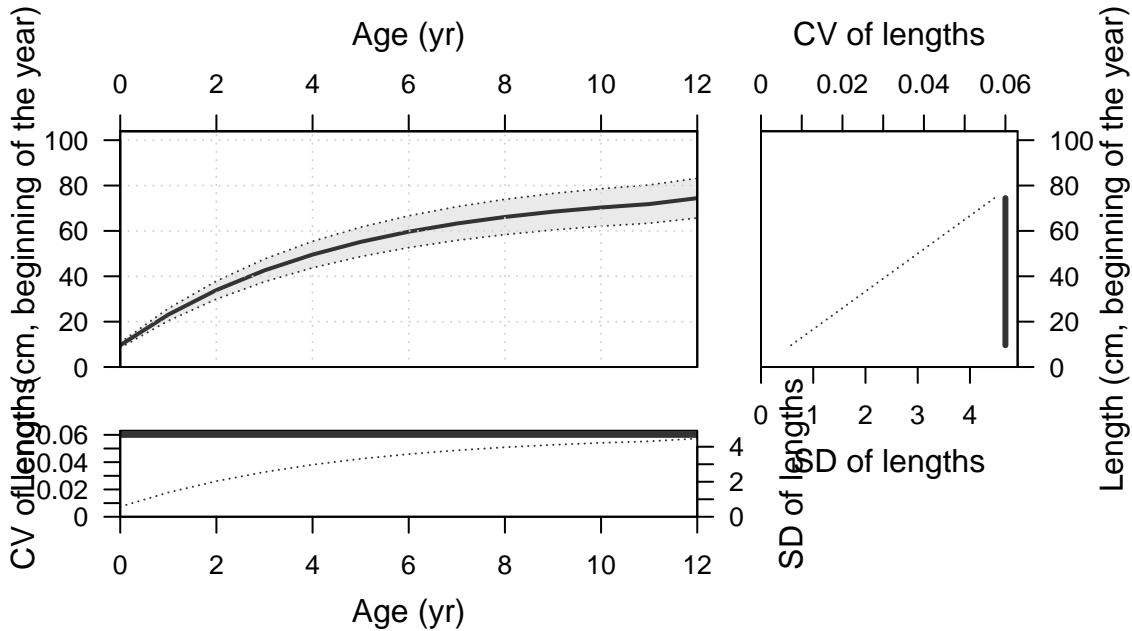
StartTime: Fri Jul 29 14:02:39 2022

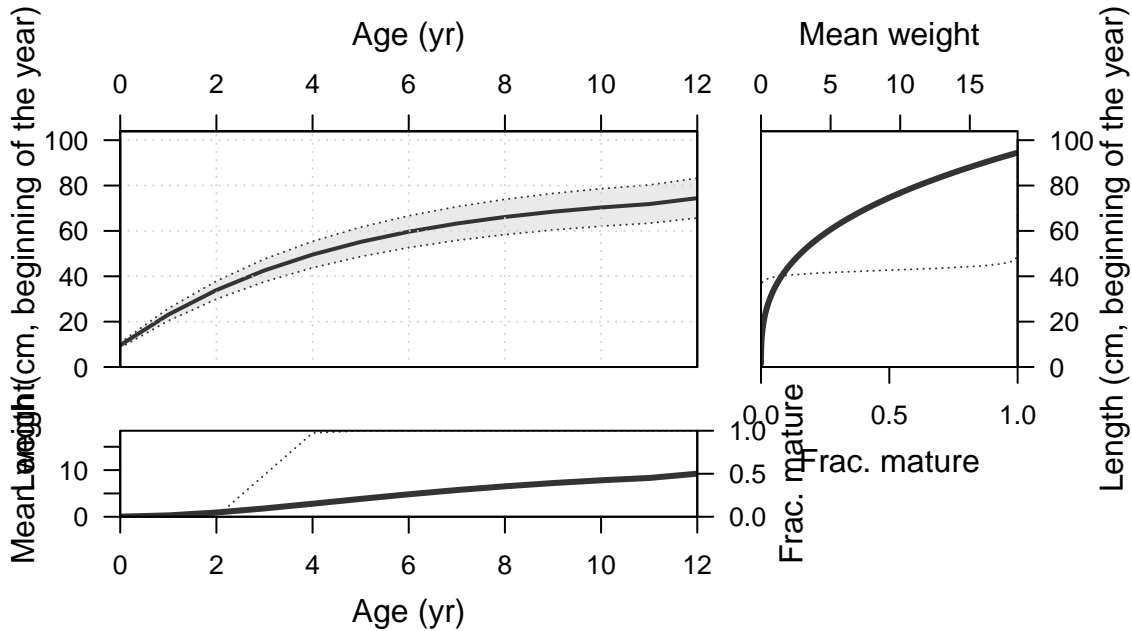
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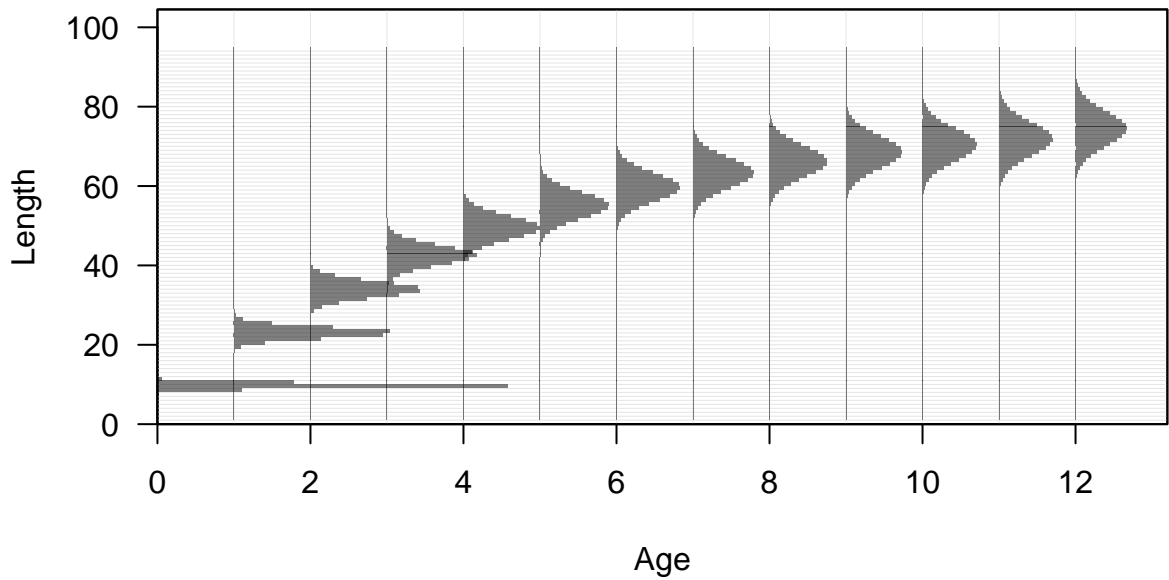
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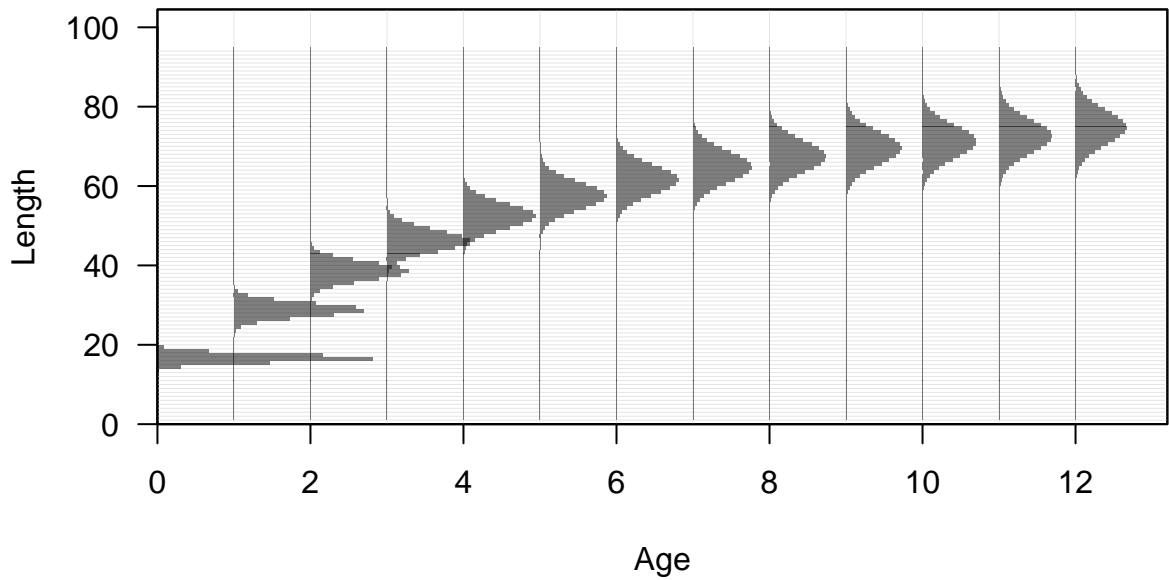
Length (cm, beginning of the year)

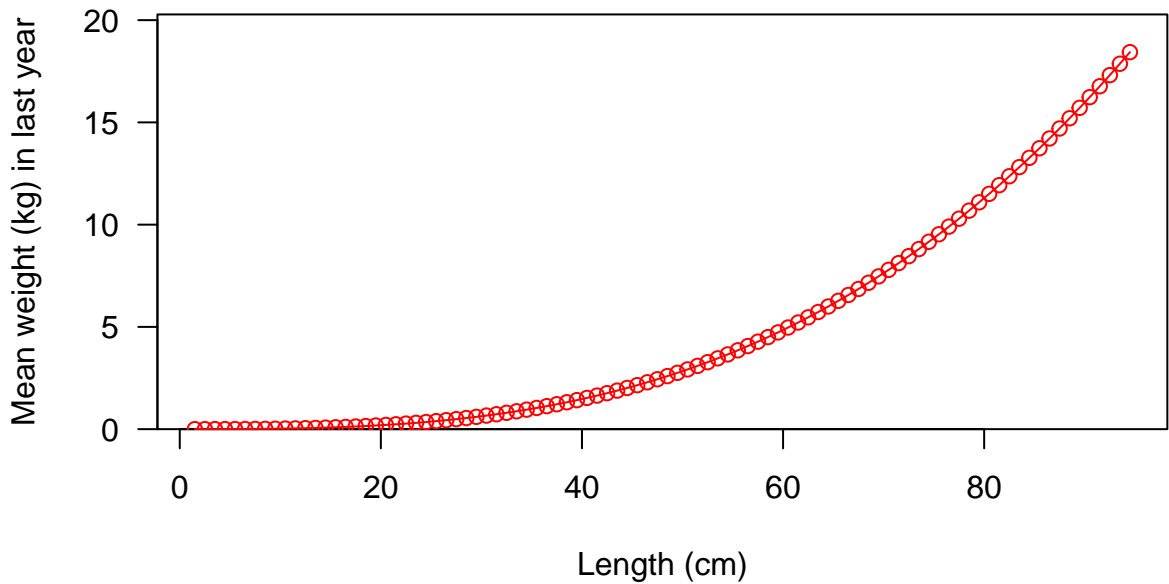


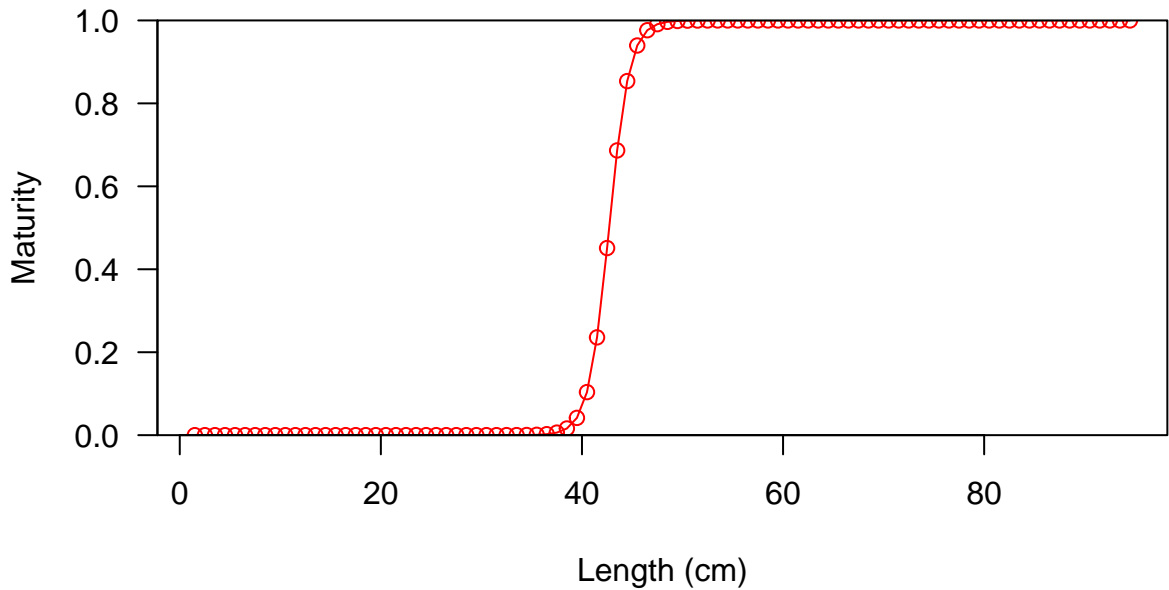


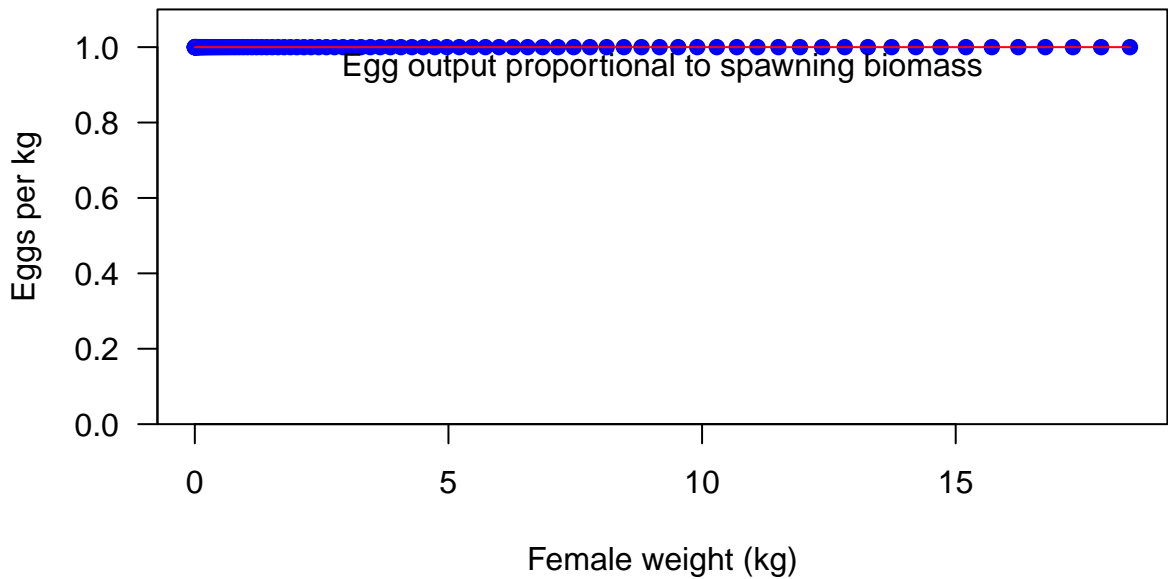


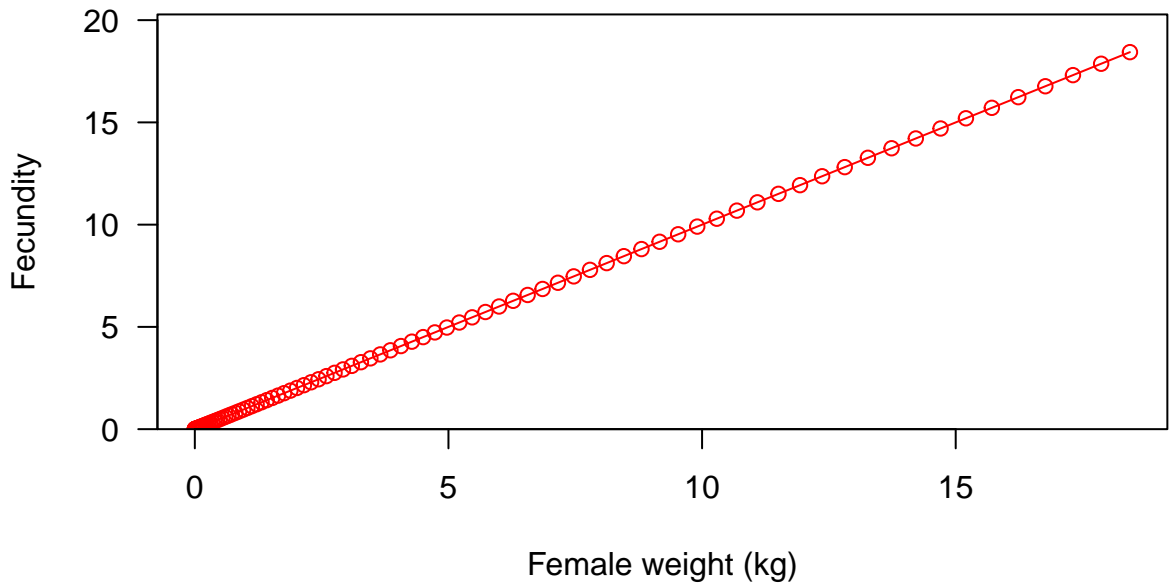




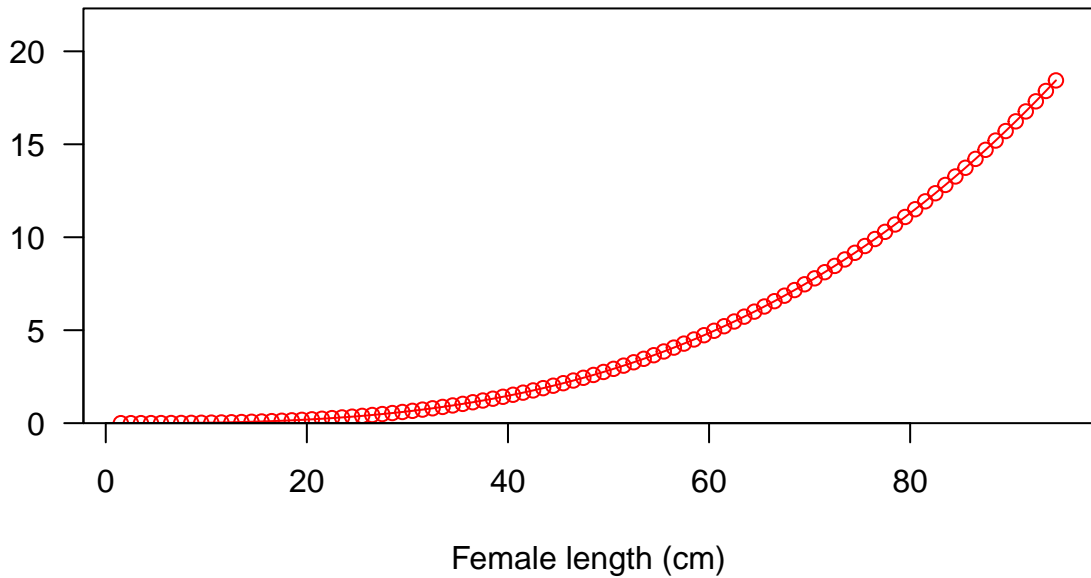


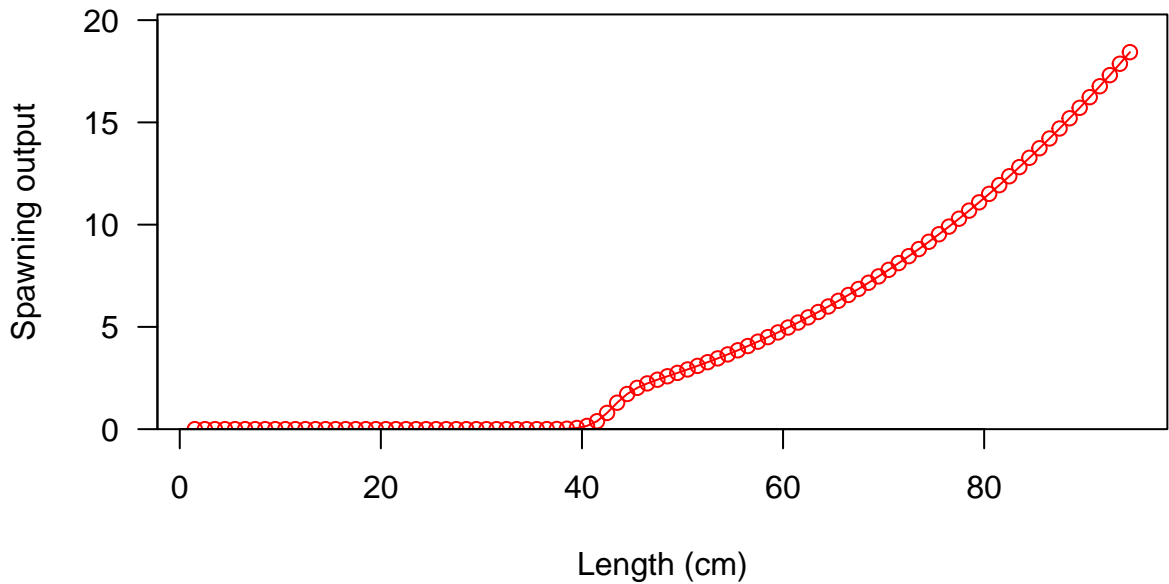


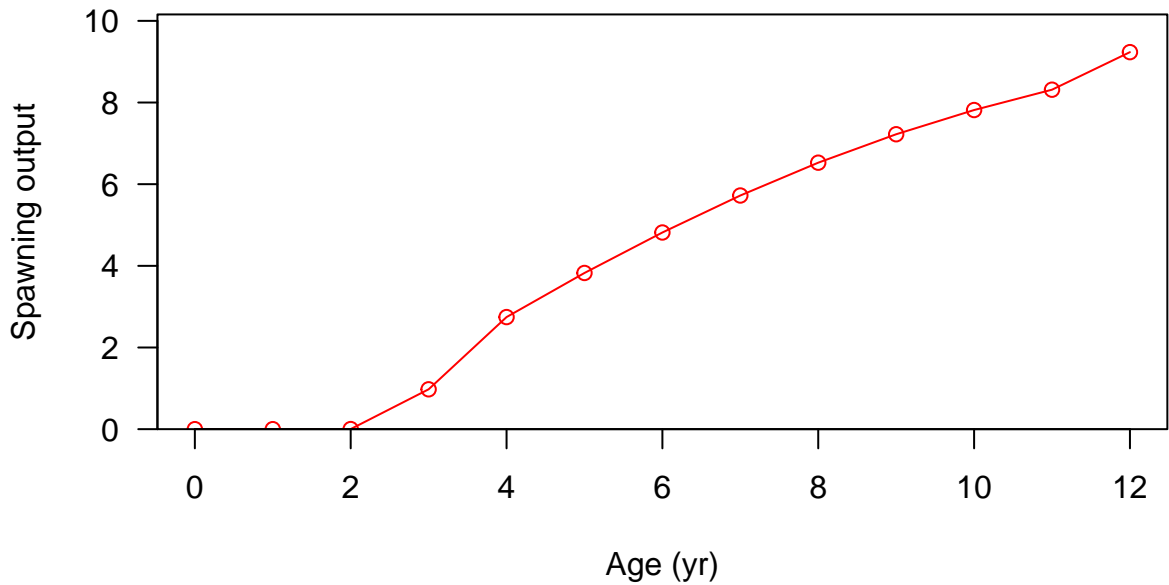




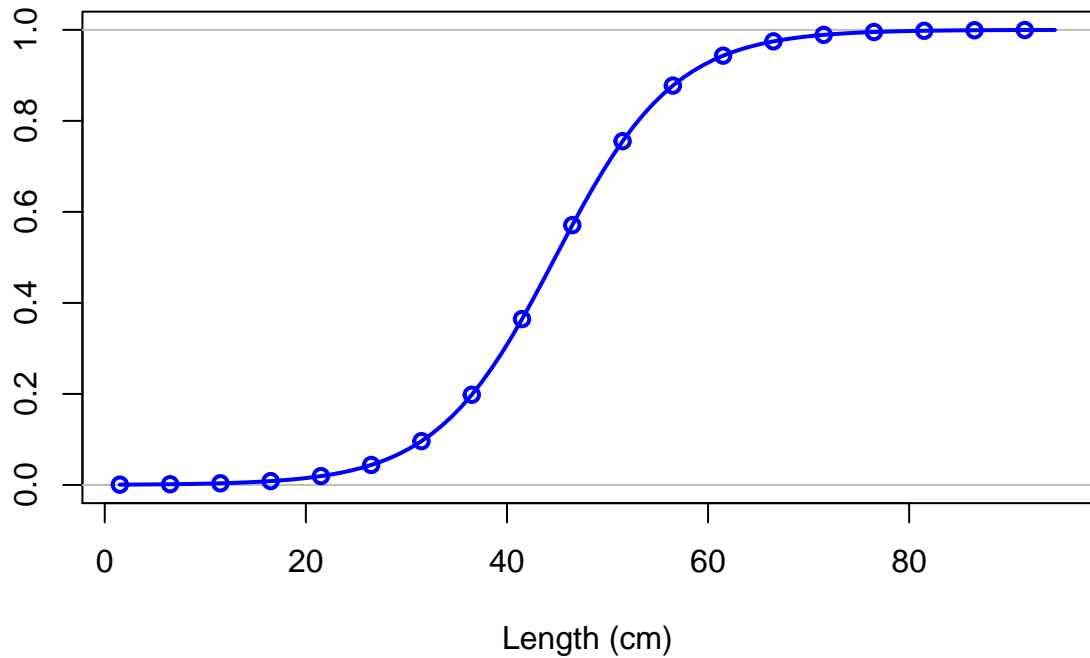
Fecundity



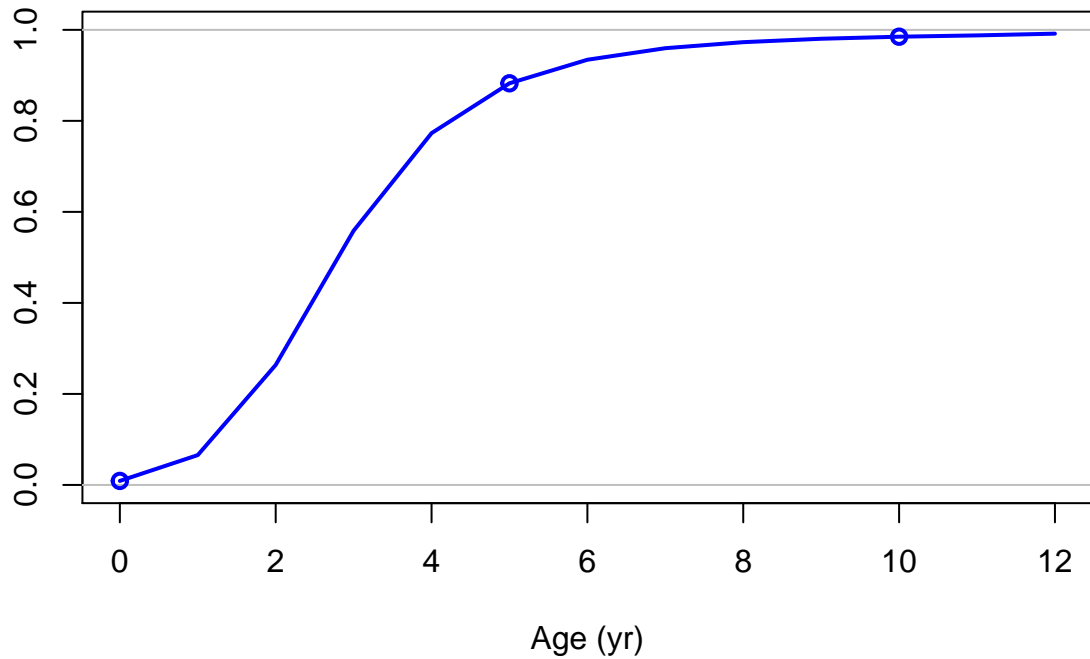




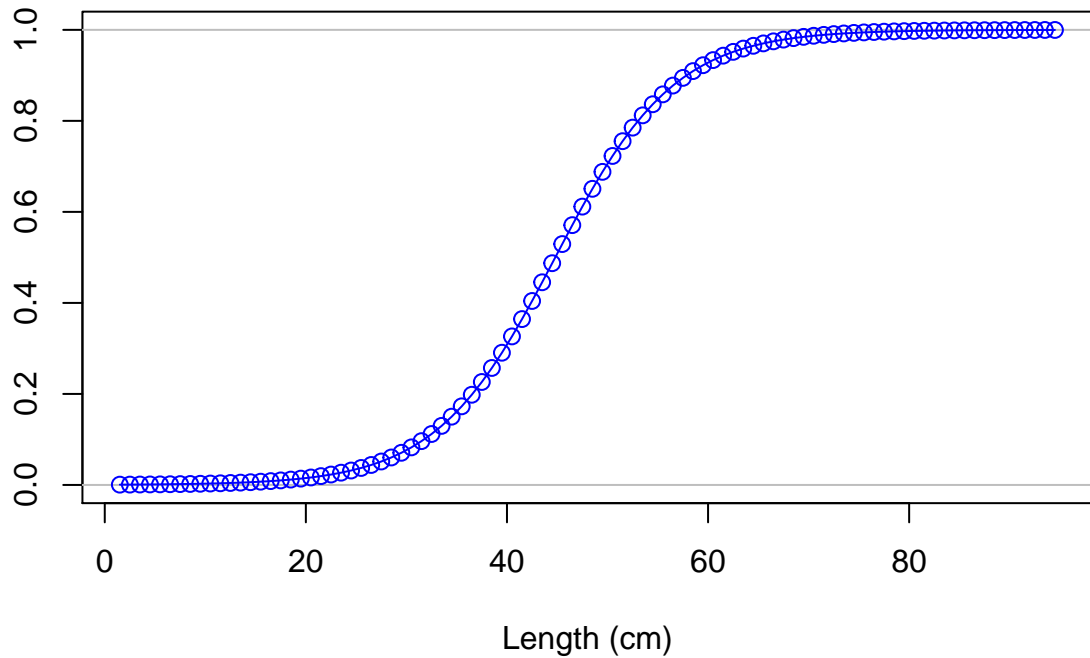
Selectivity

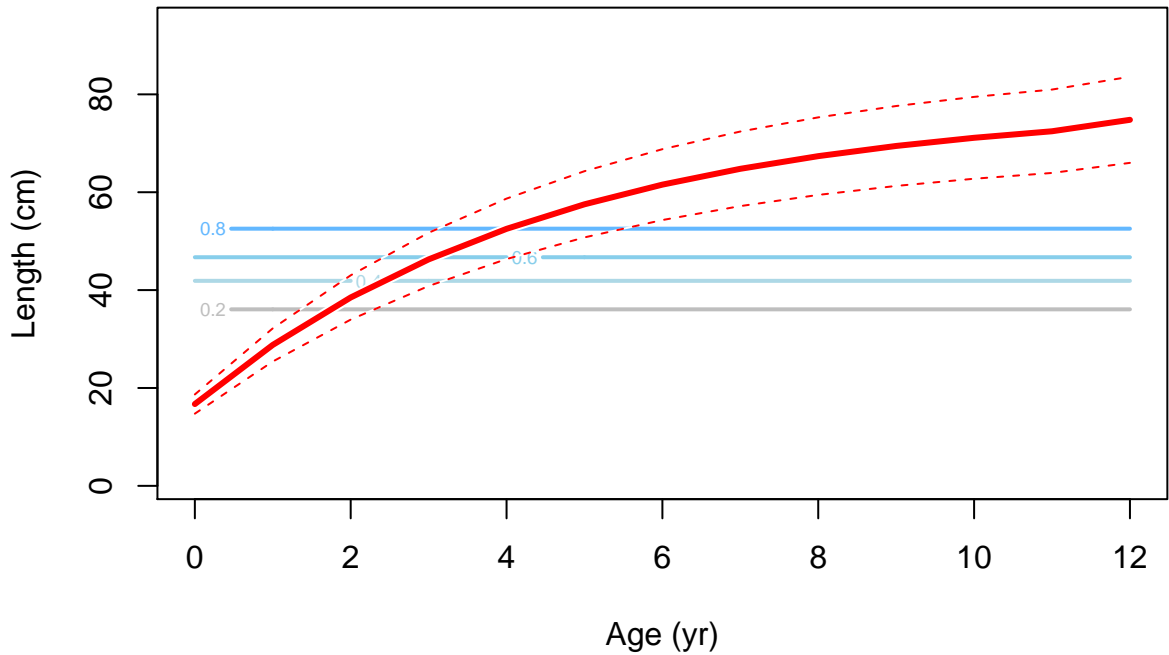


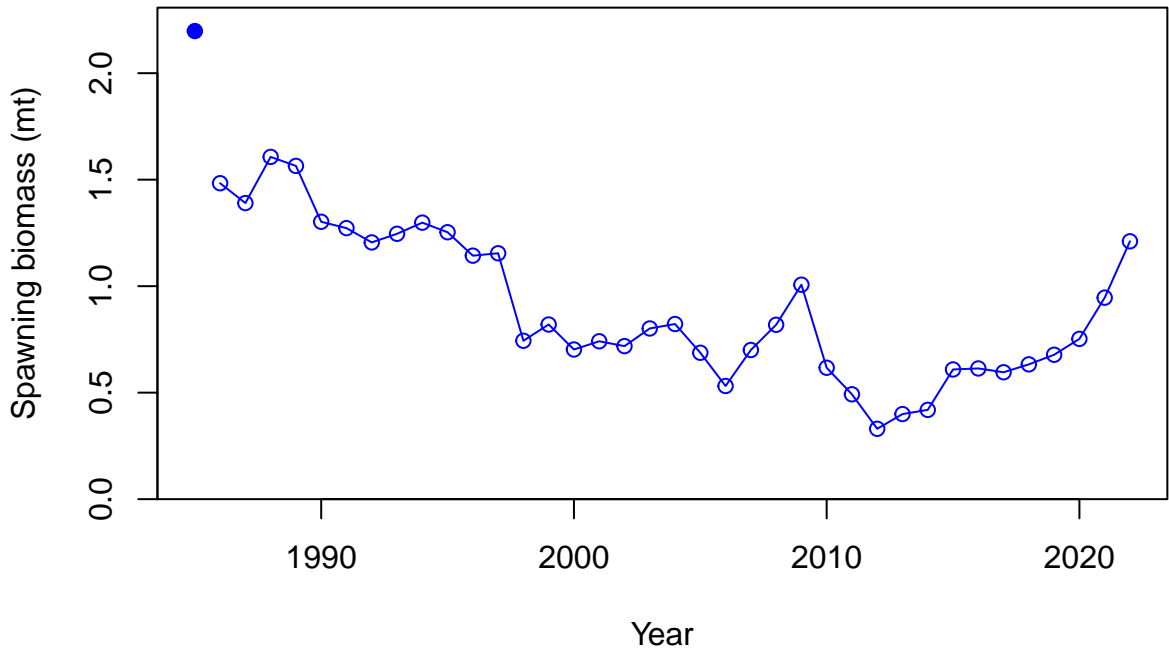
Selectivity



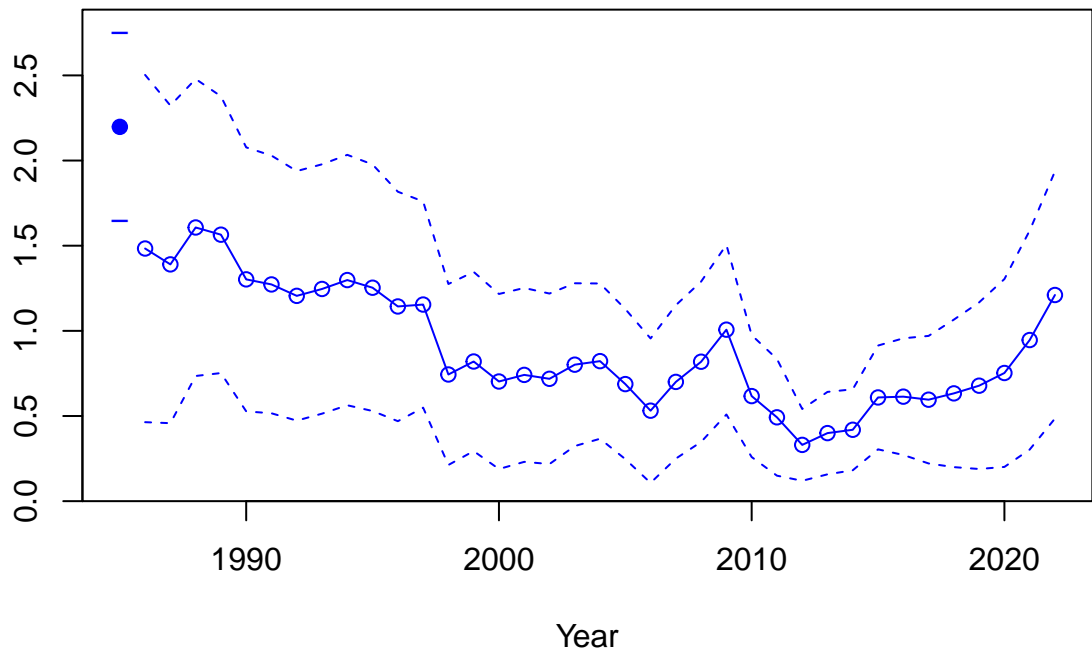
Selectivity



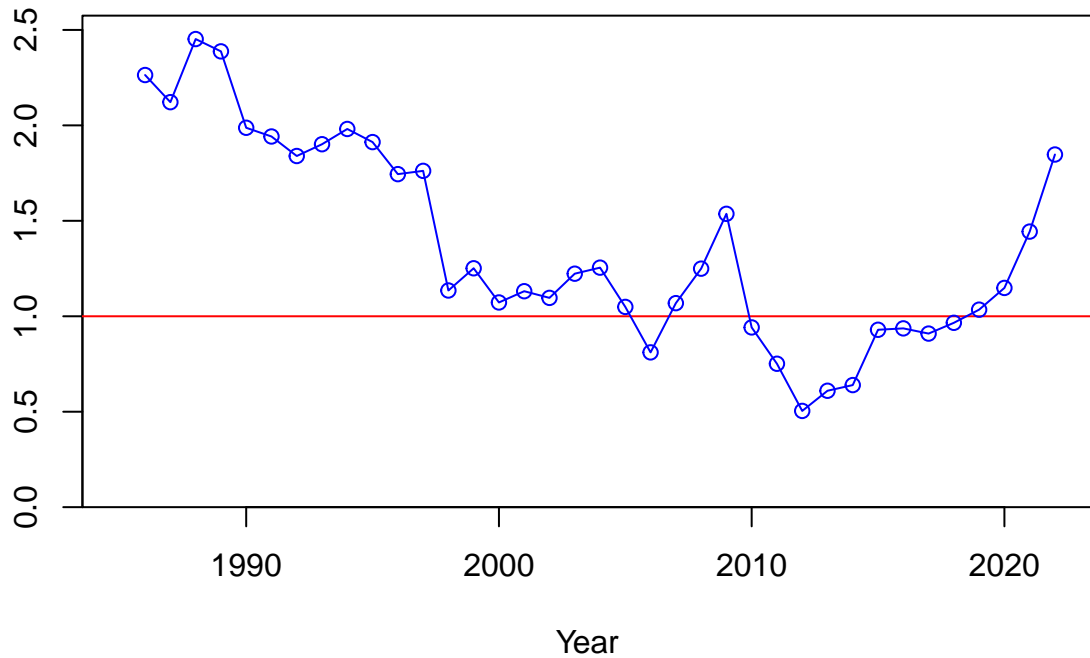




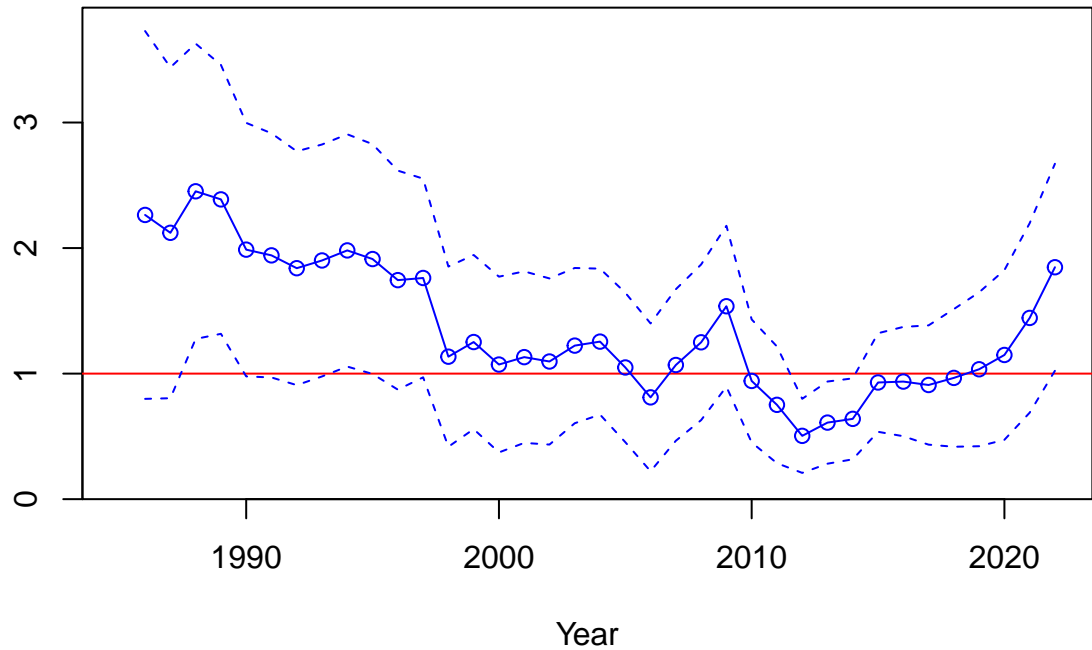
Spawning biomass (mt)

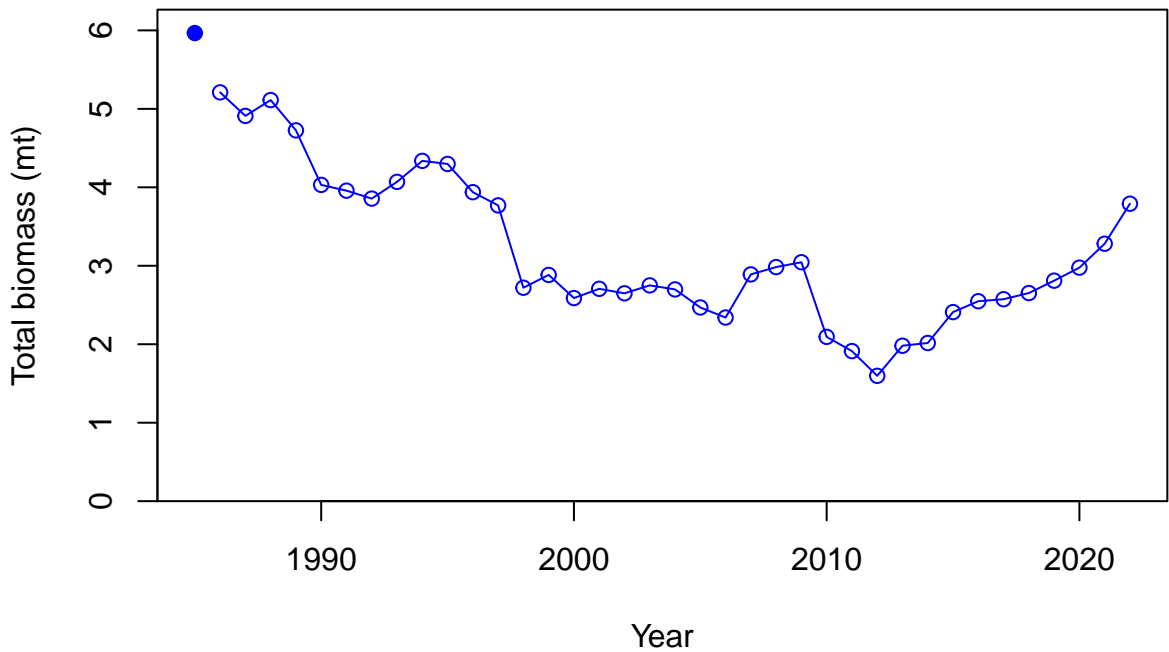


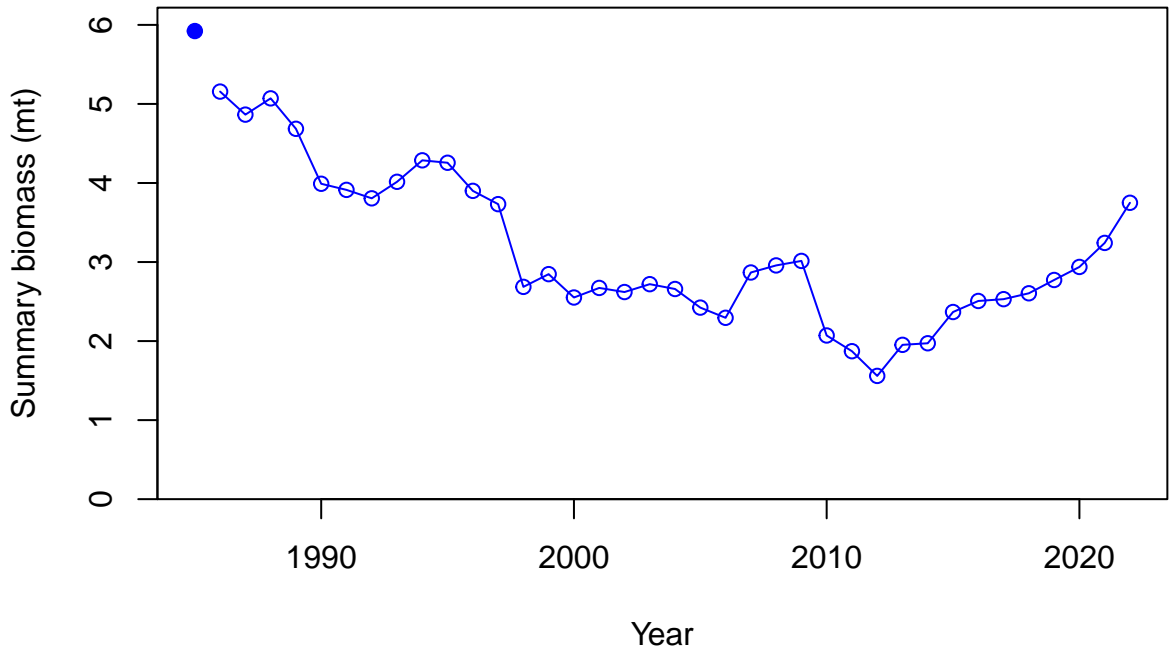
Relative spawning biomass: B/B_{MSY}

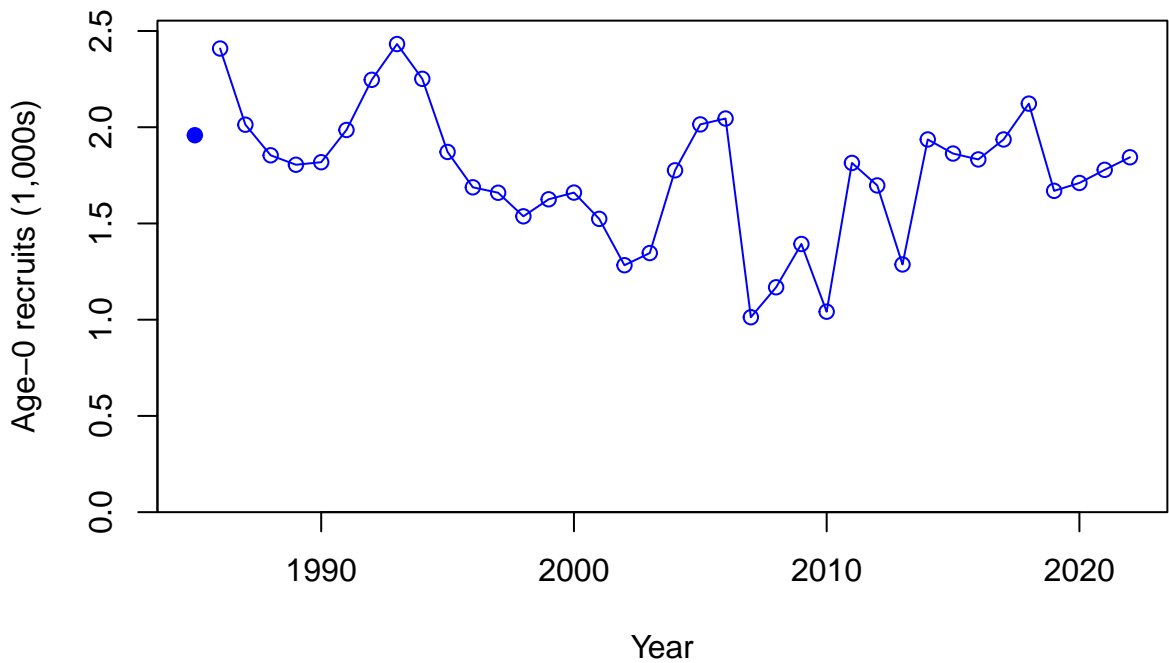


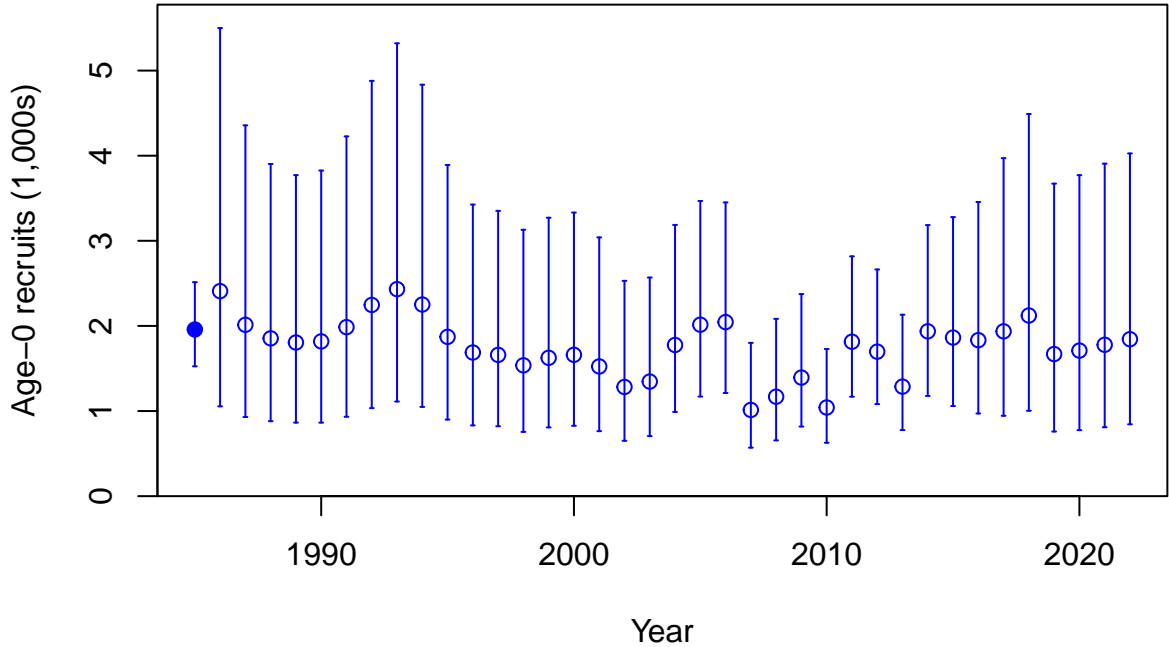
Relative spawning biomass: B/B_{MSY}



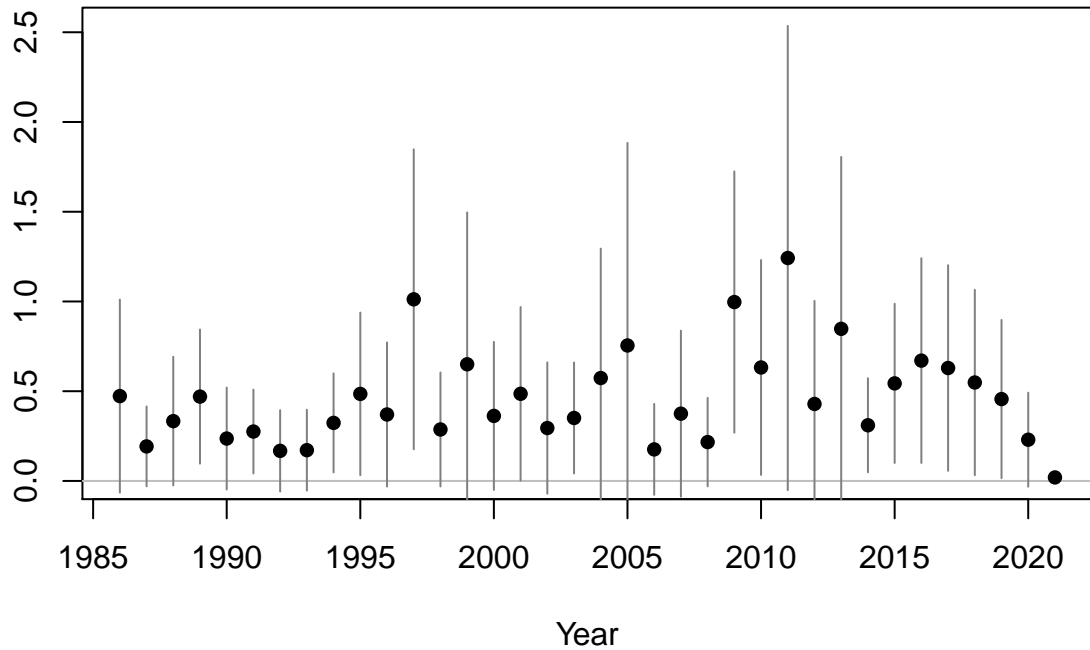


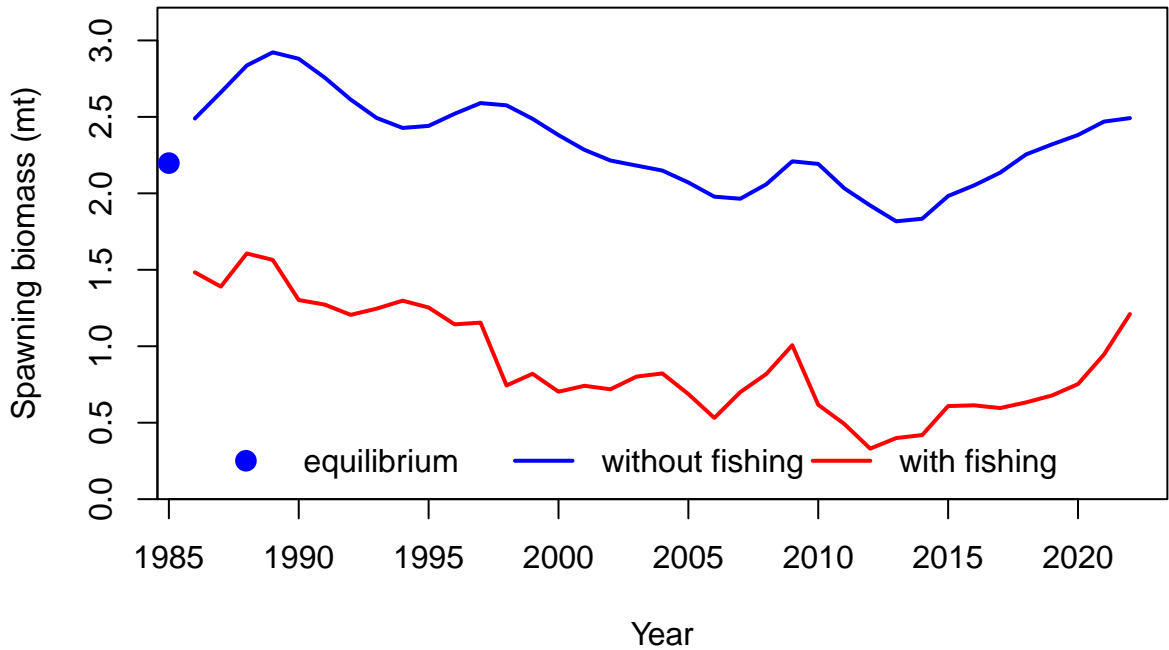




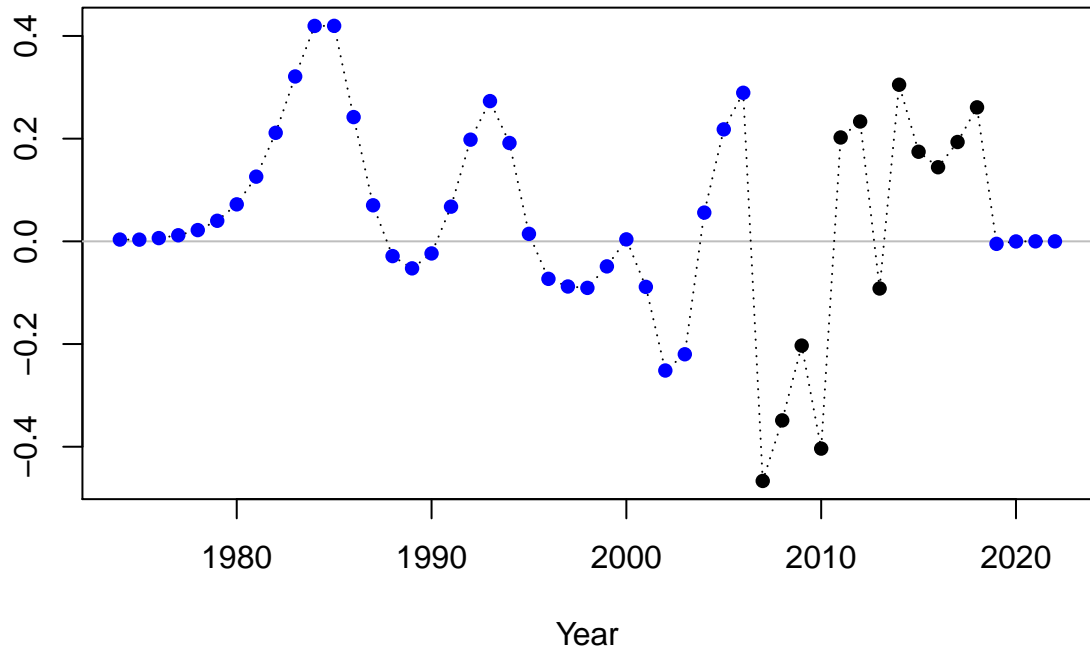


Summary Fishing Mortality

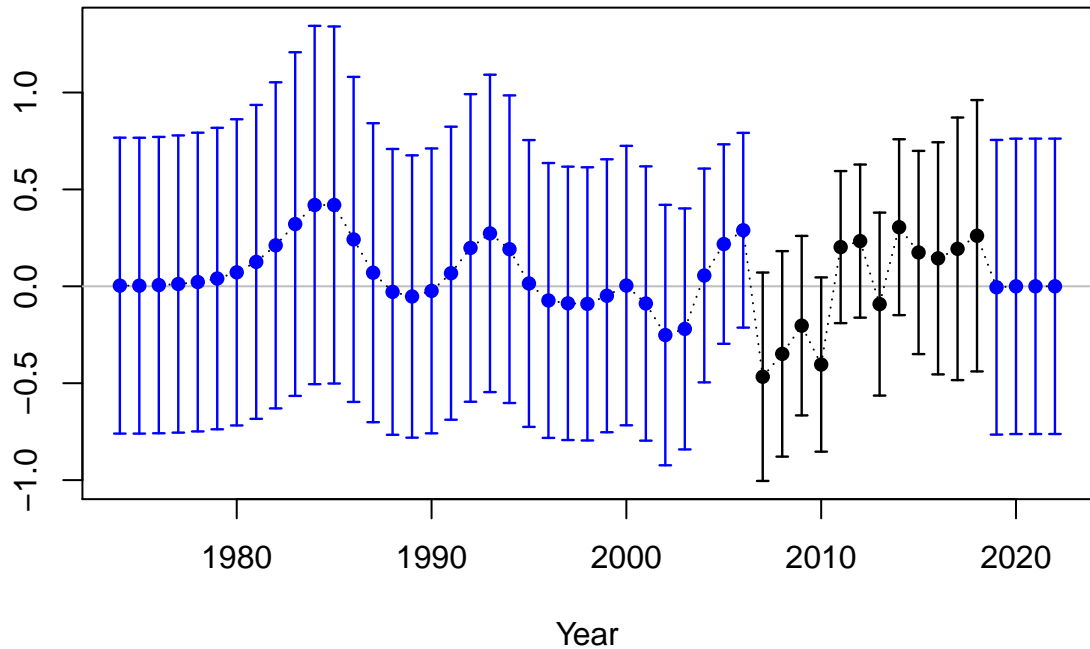




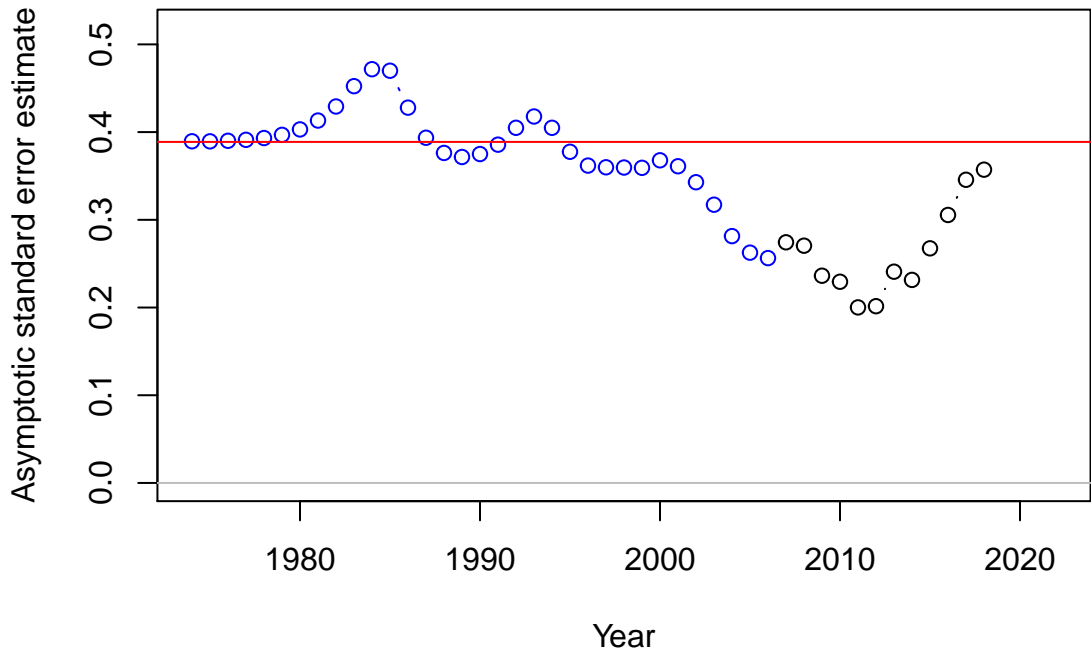
Log recruitment deviation

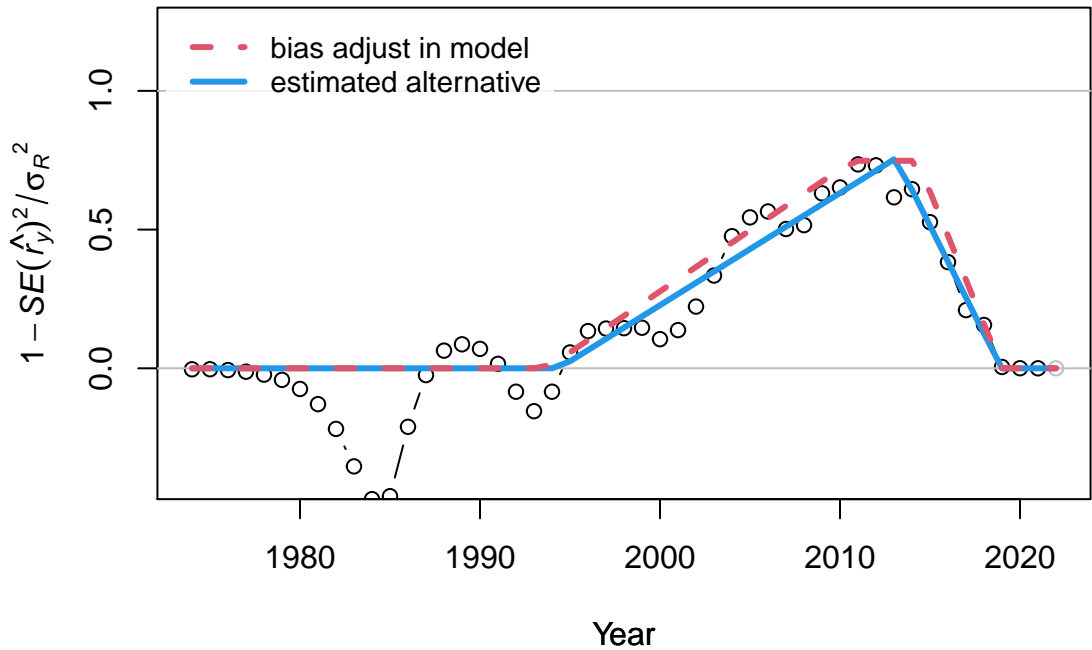


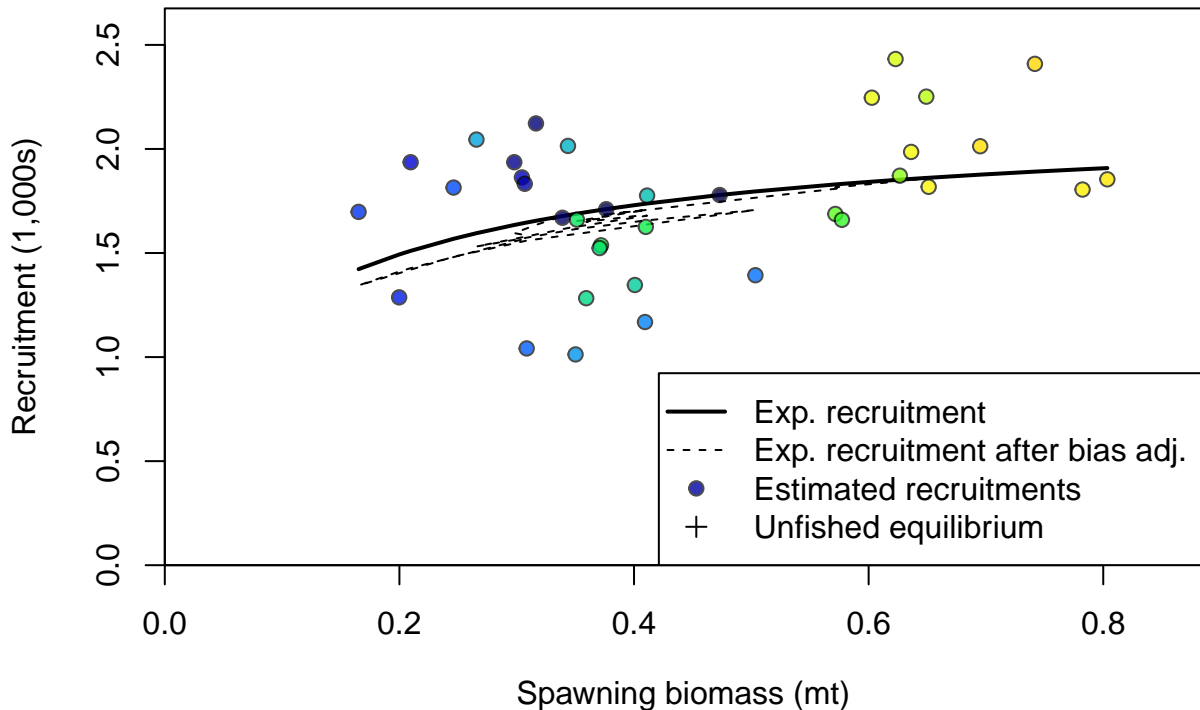
Log recruitment deviation

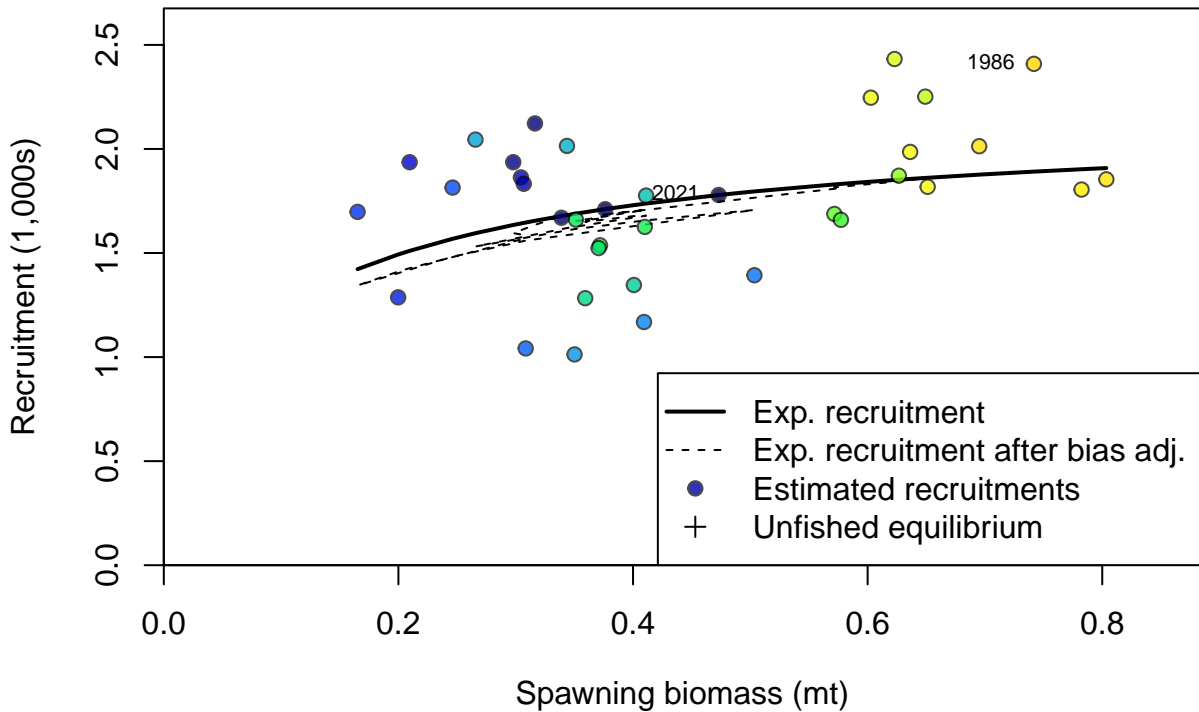


Recruitment deviation variance

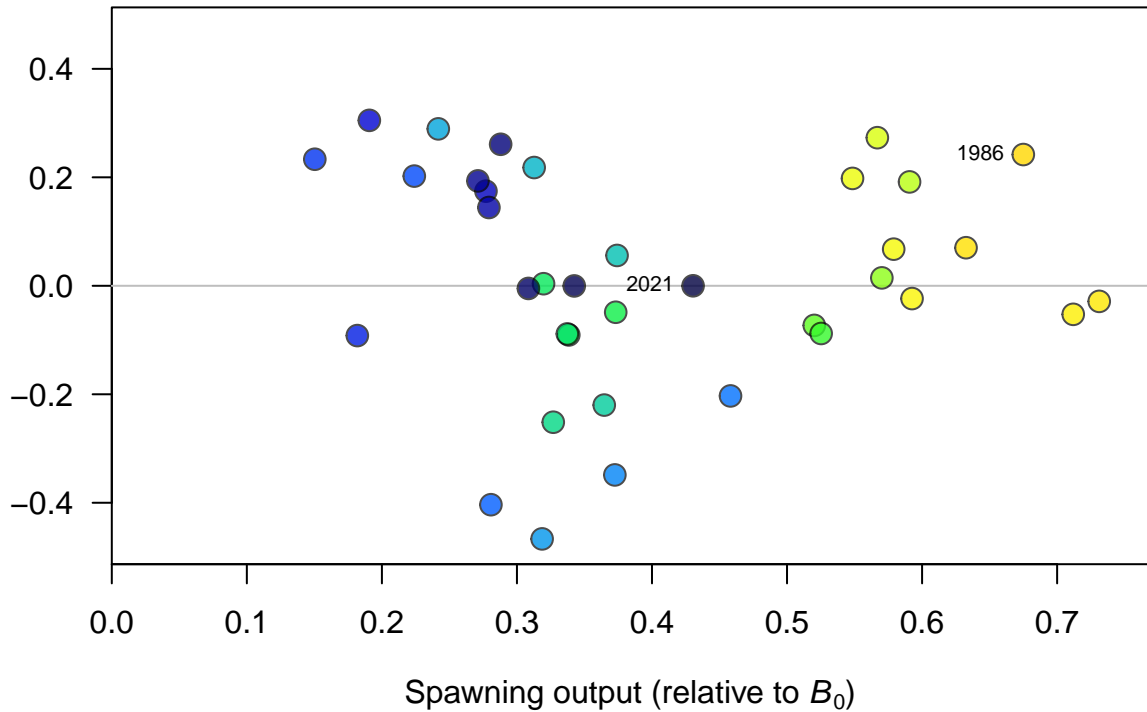


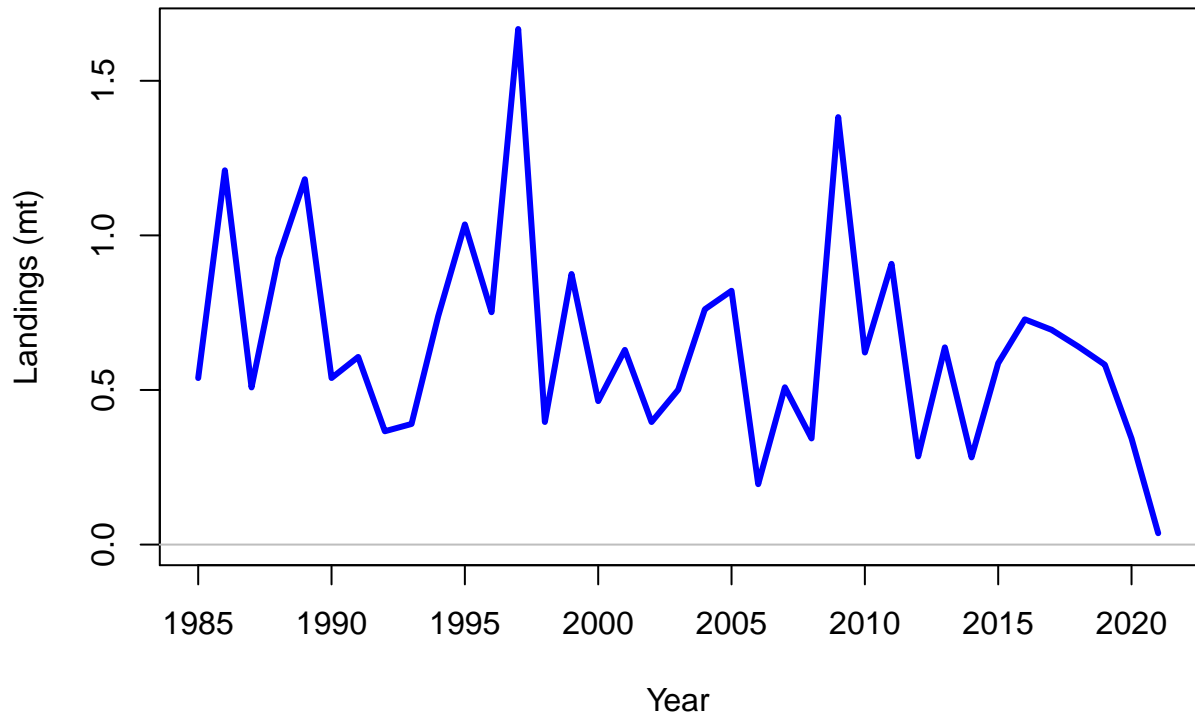


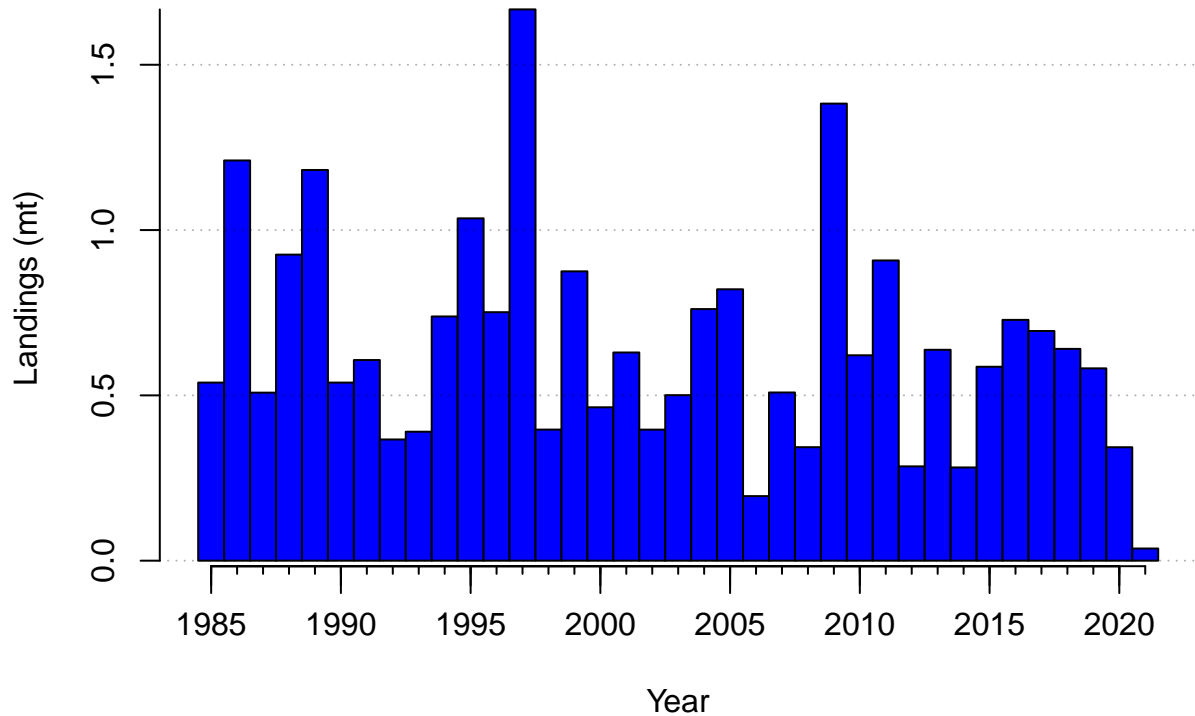


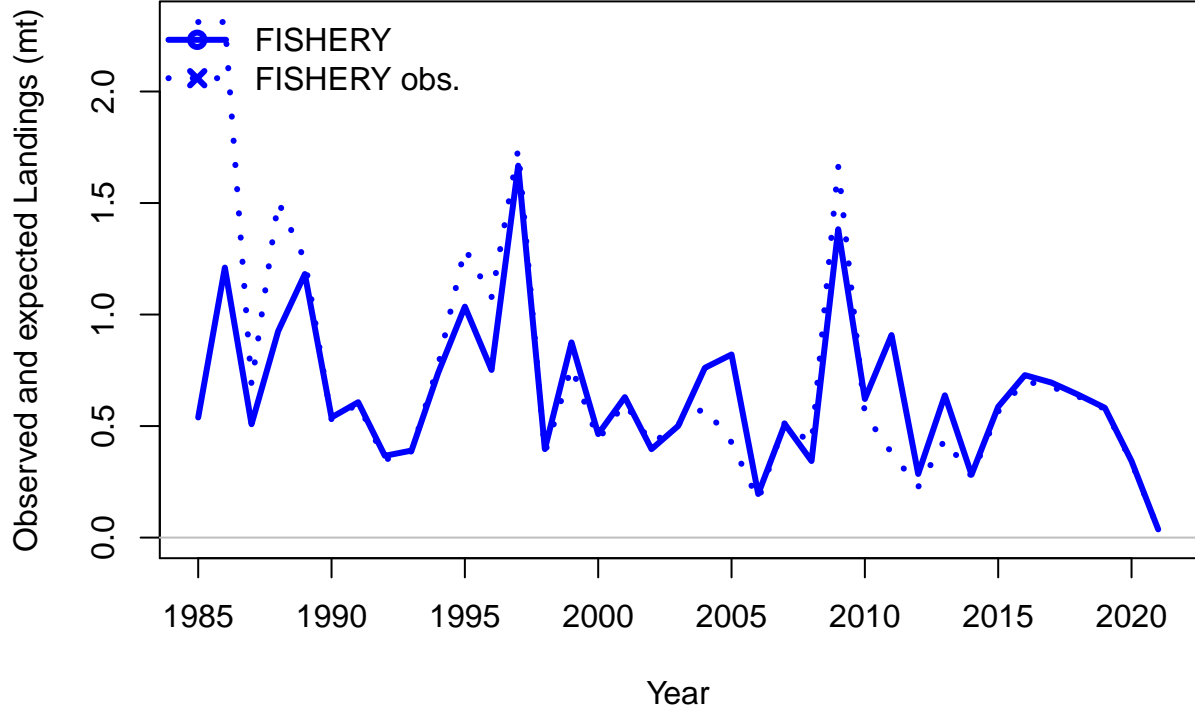


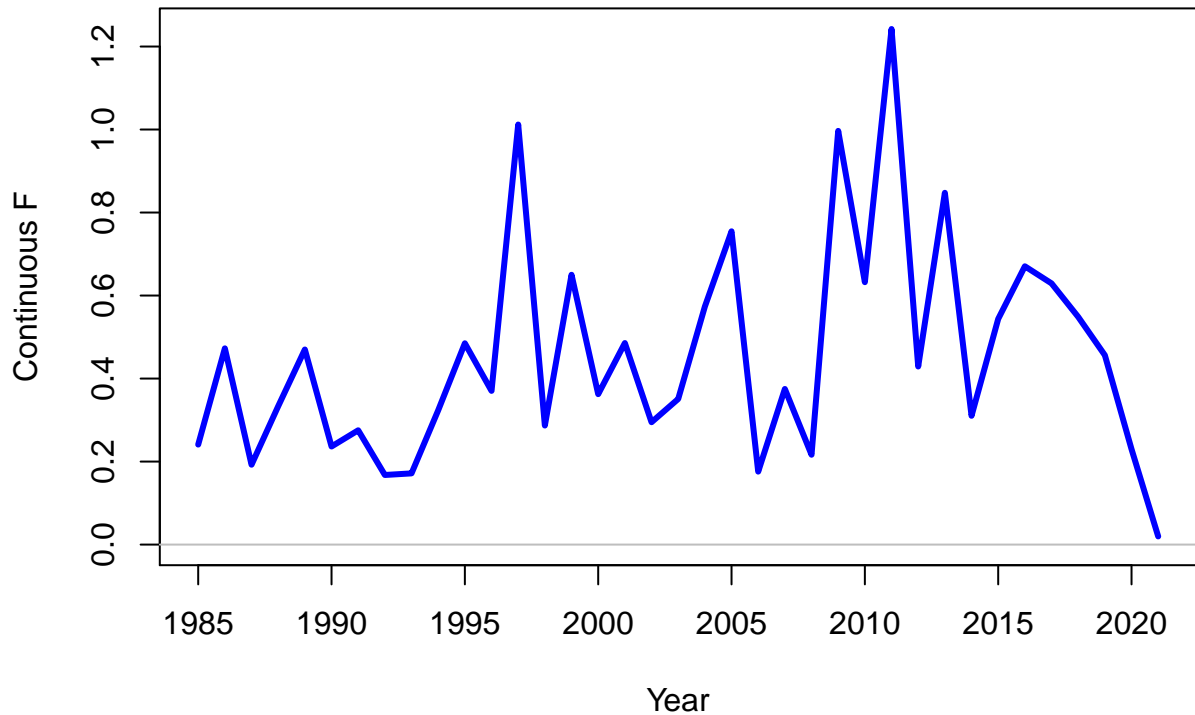
Log recruitment deviation



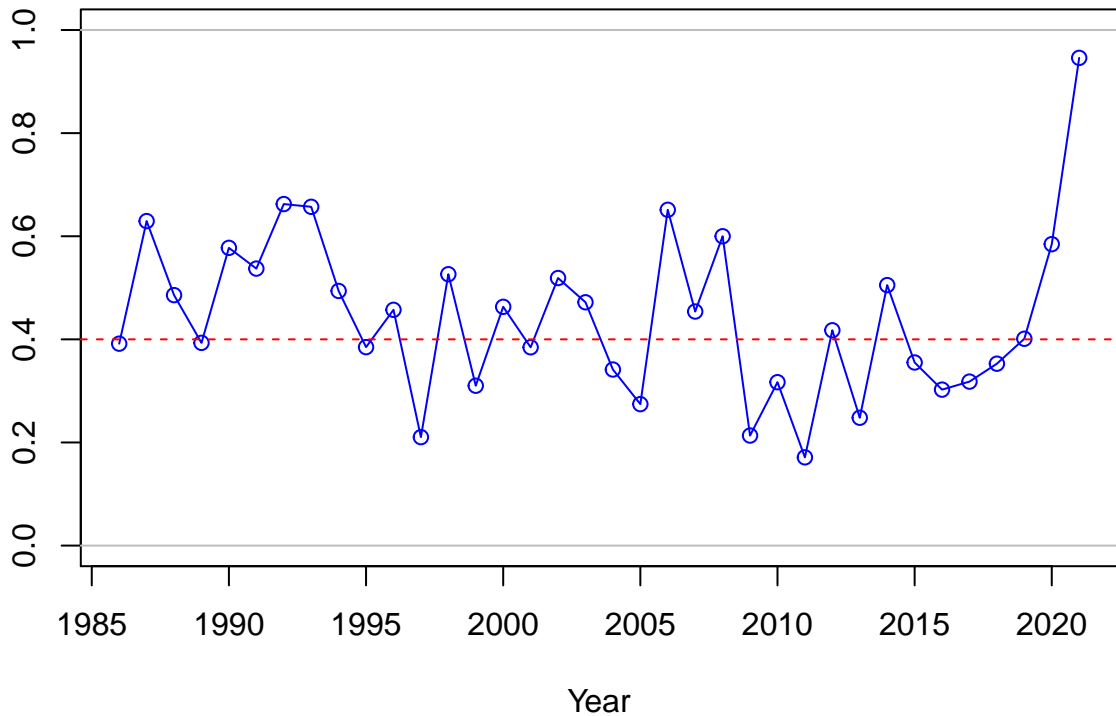




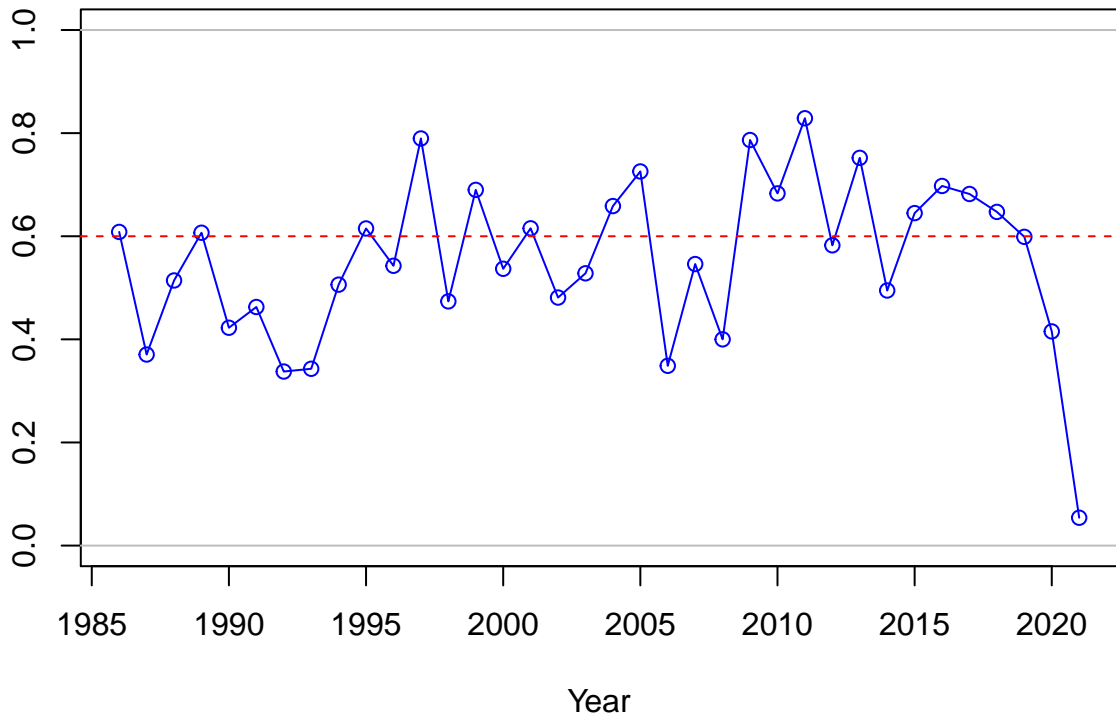




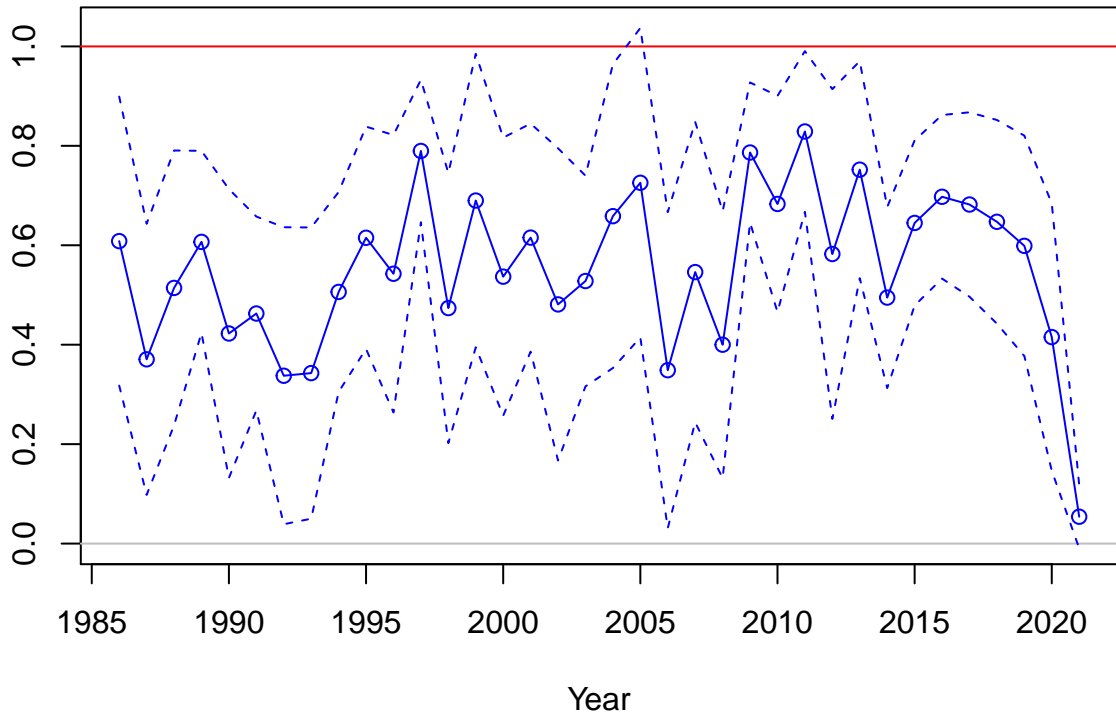
SPR



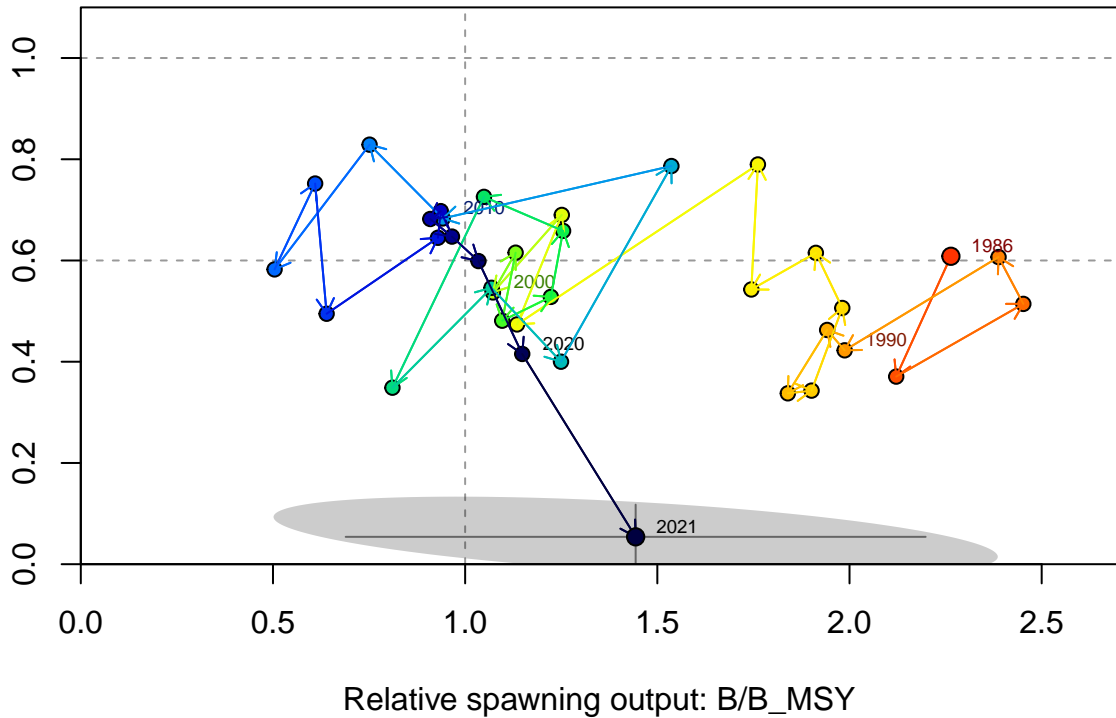
1-SPR



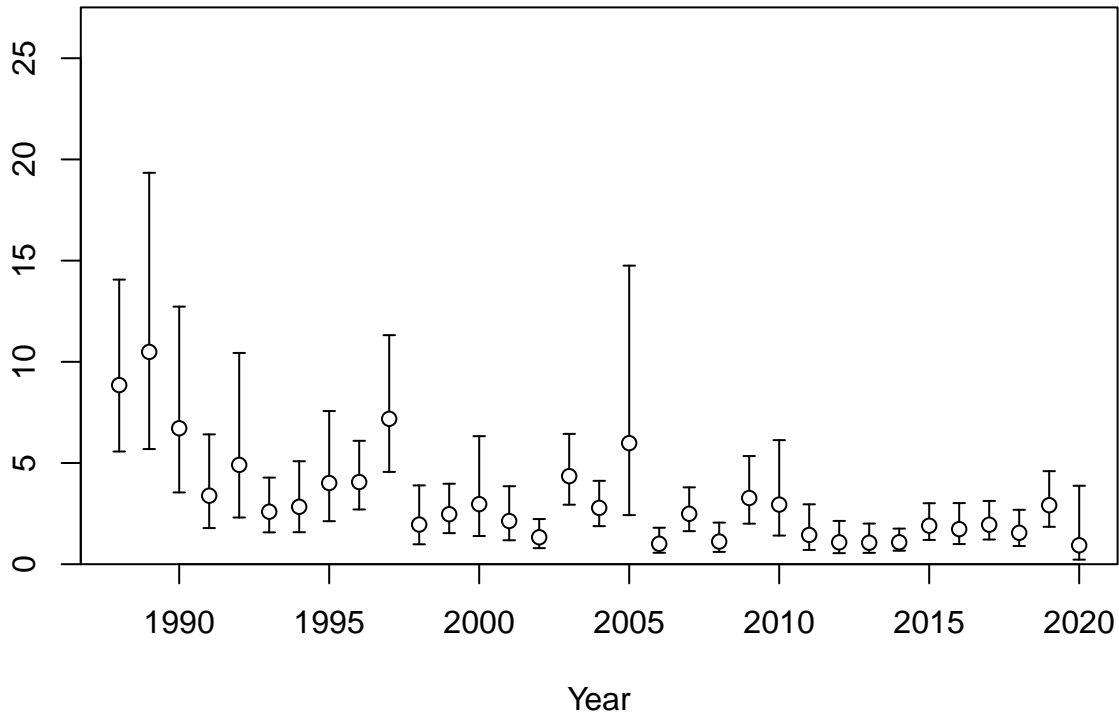
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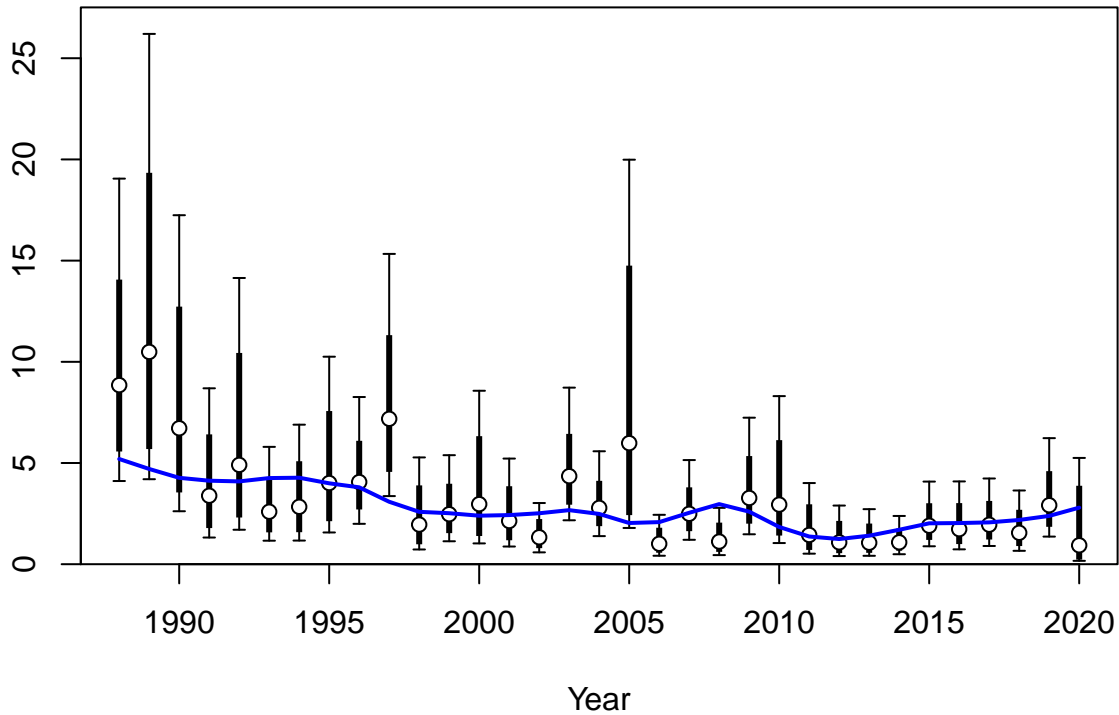
Fishing intensity: 1-SPR

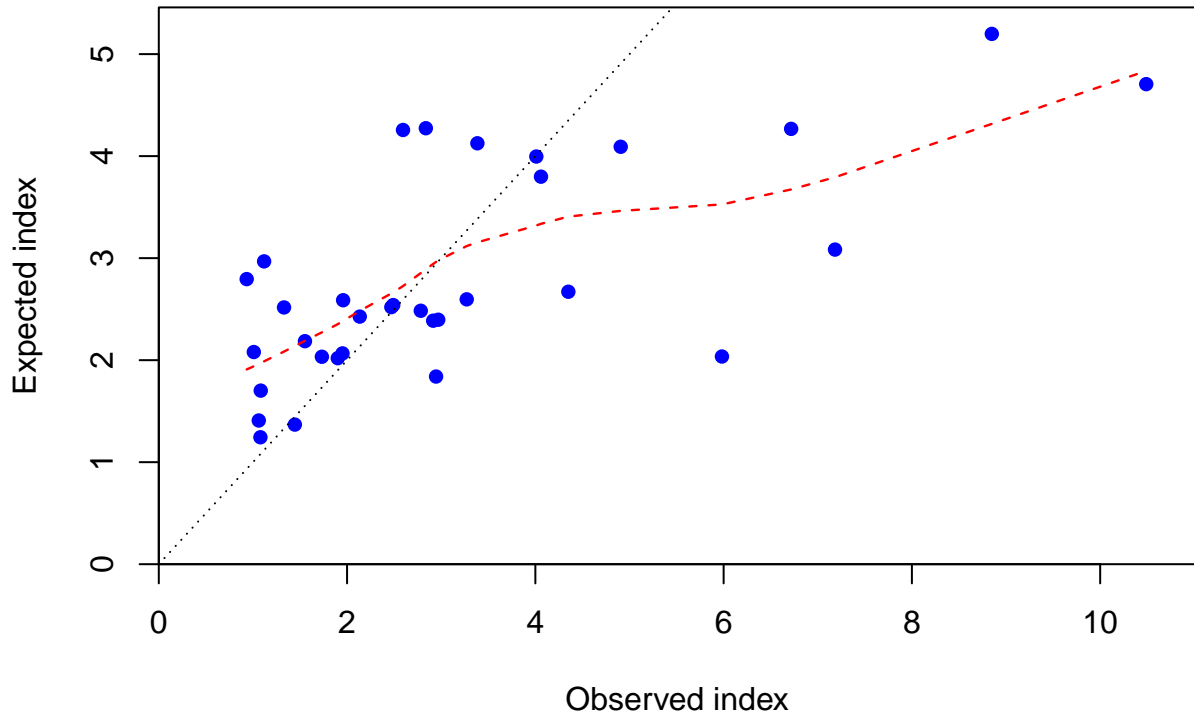


Index



Index





Log index

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2
1
0
-1

1990

1995

2000

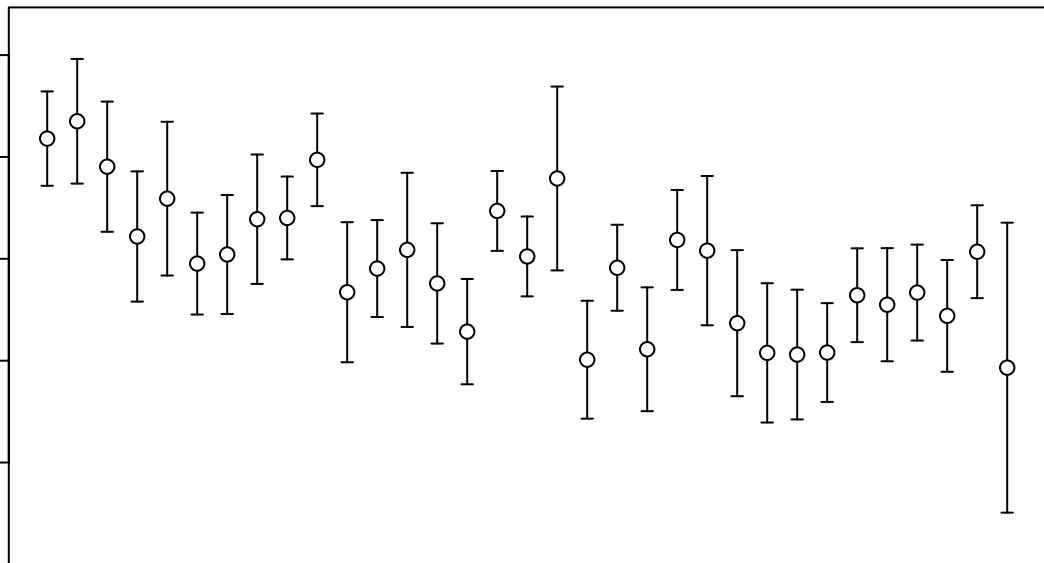
2005

2010

2015

2020

Year



Log index

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1
0
-1

1990

1995

2000

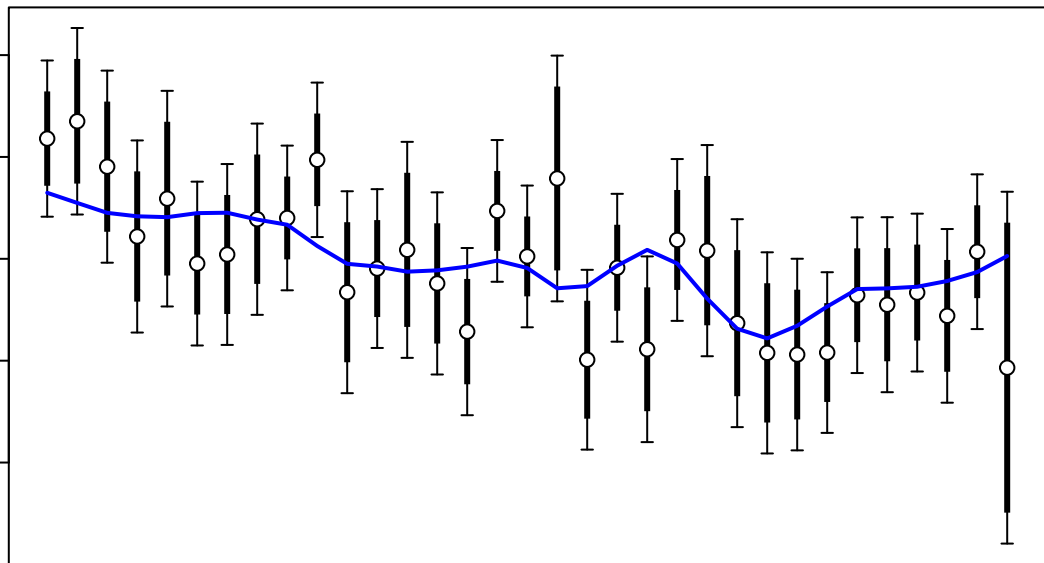
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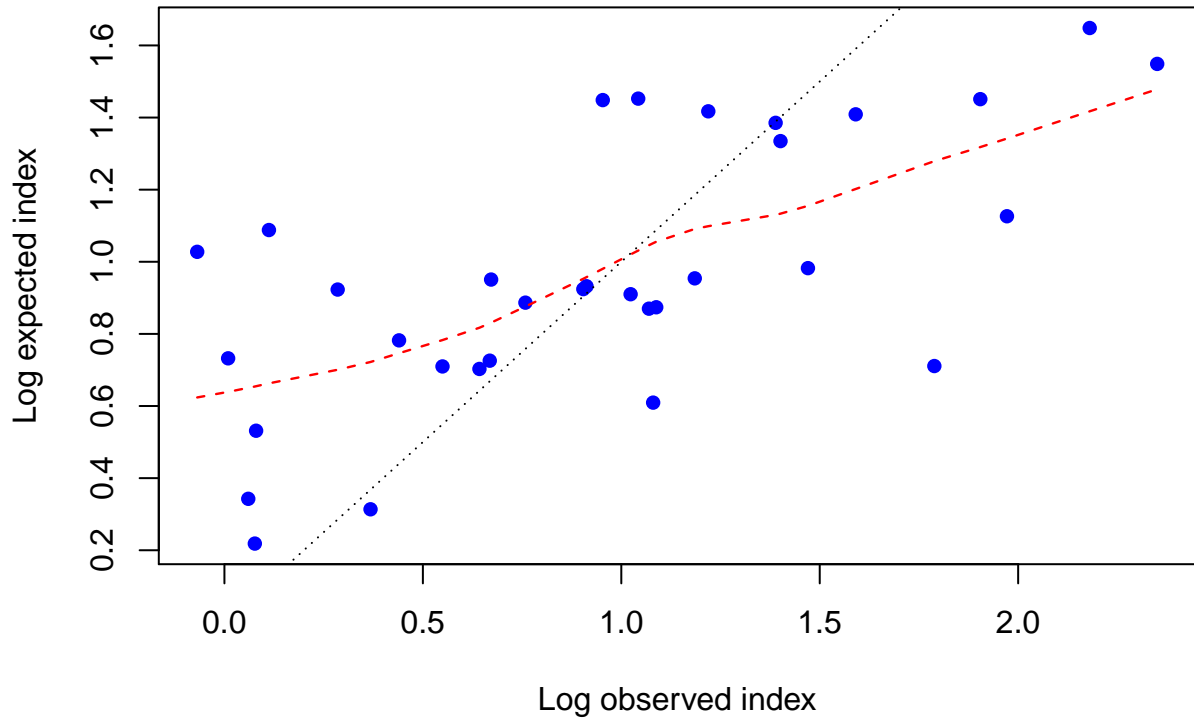
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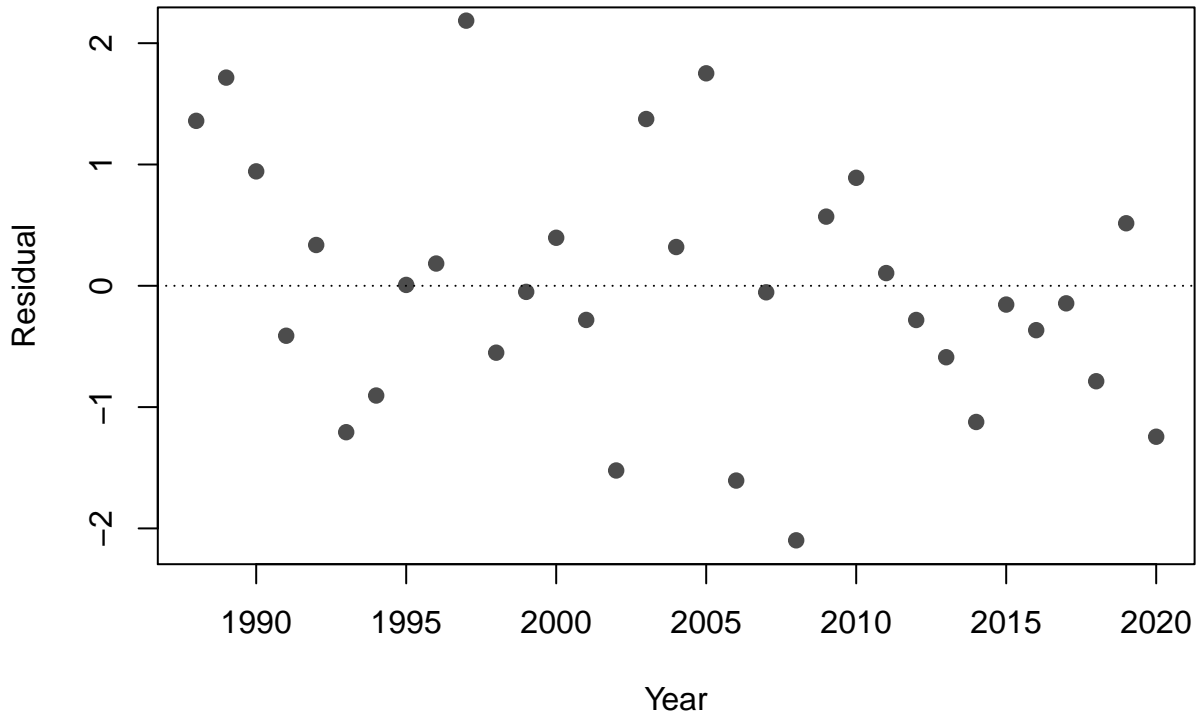
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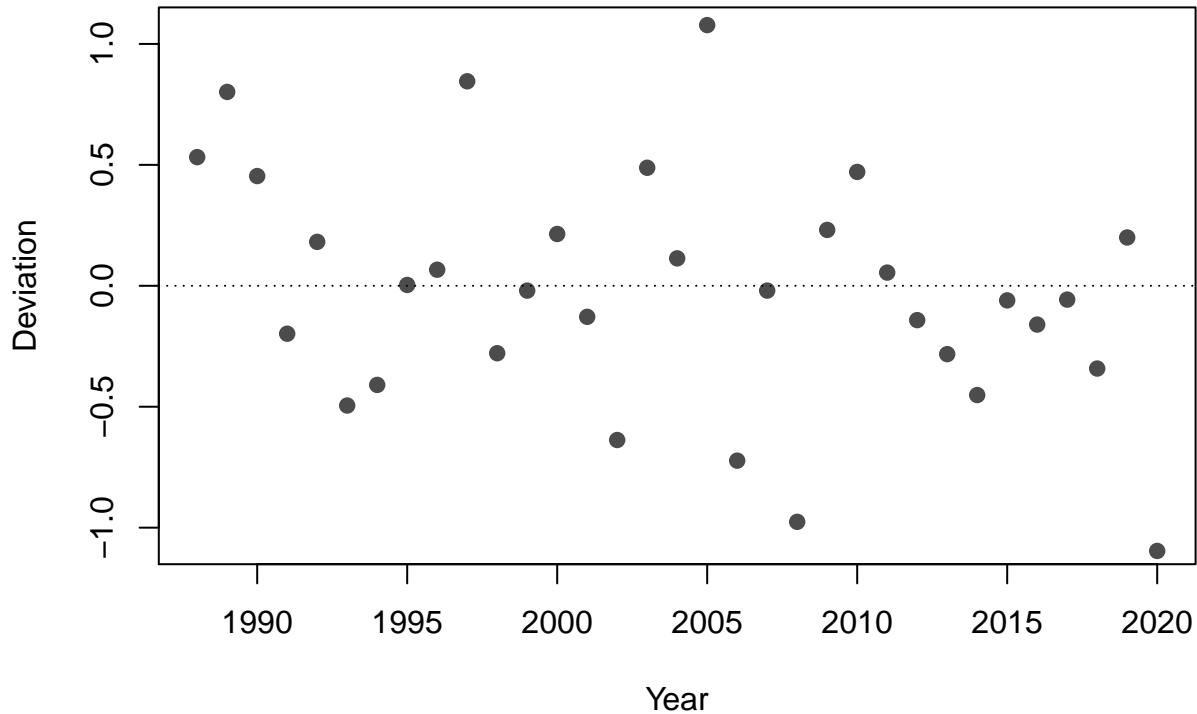
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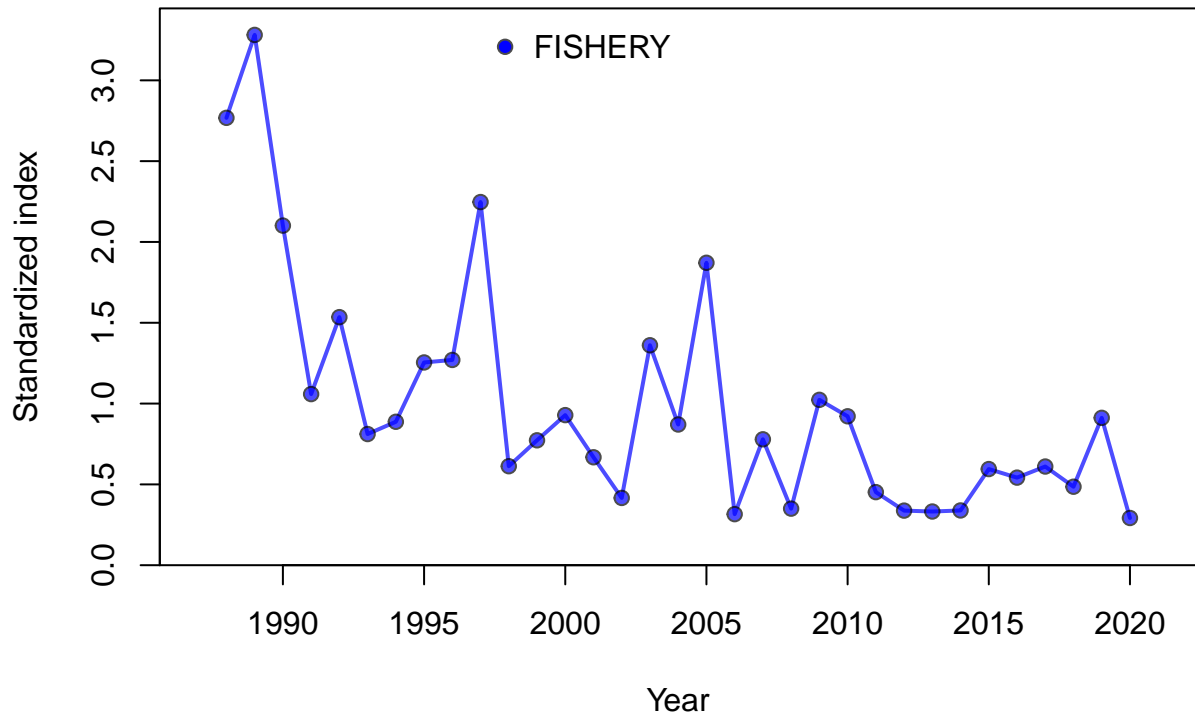
Year



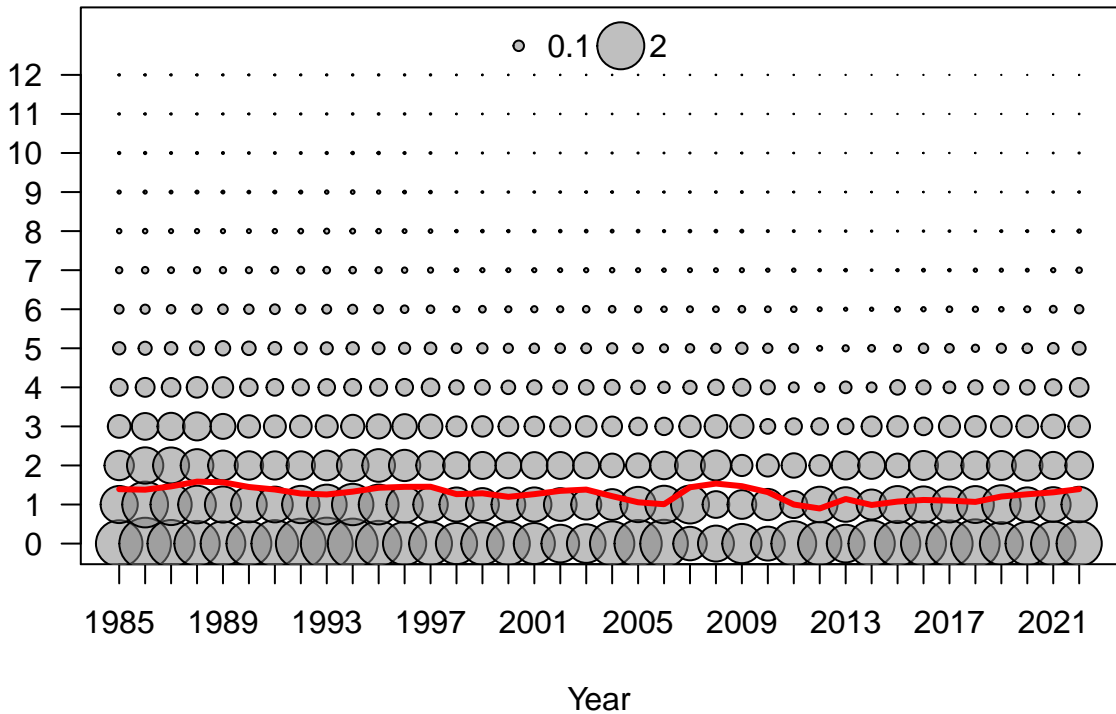




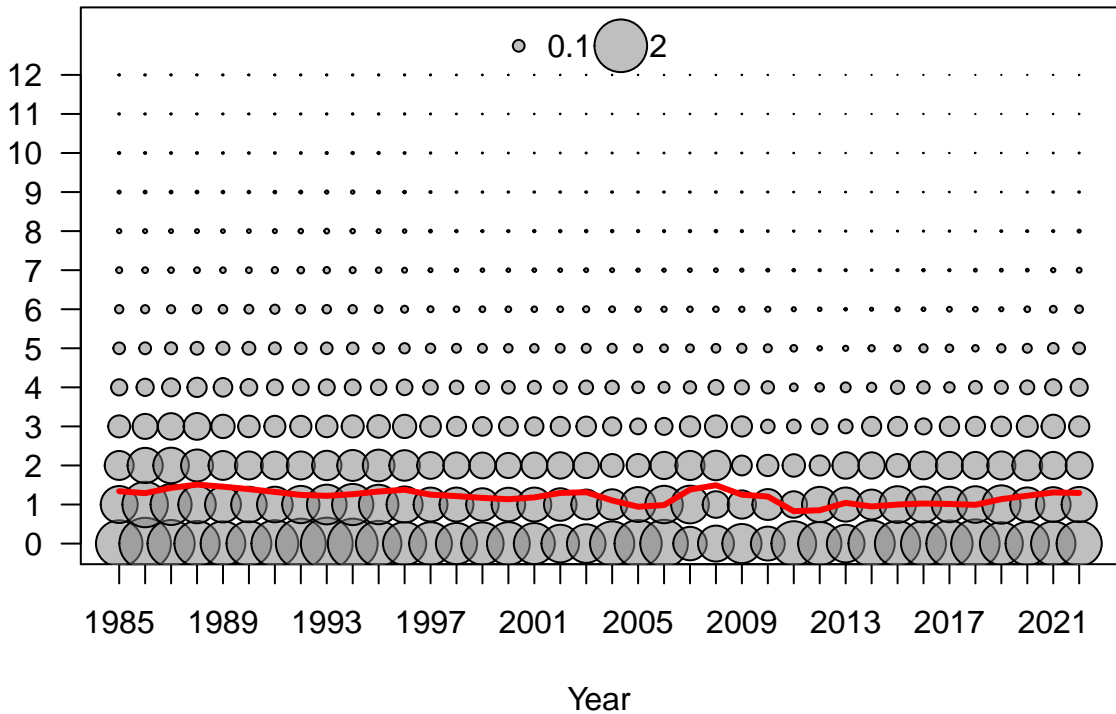


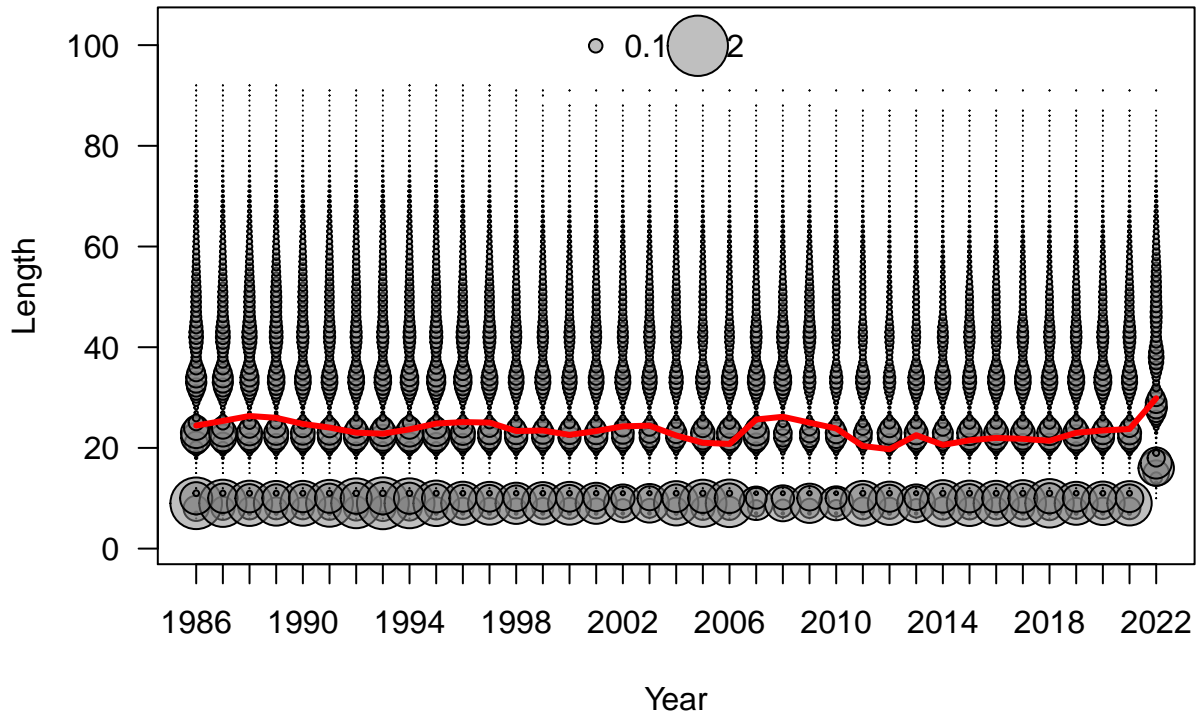


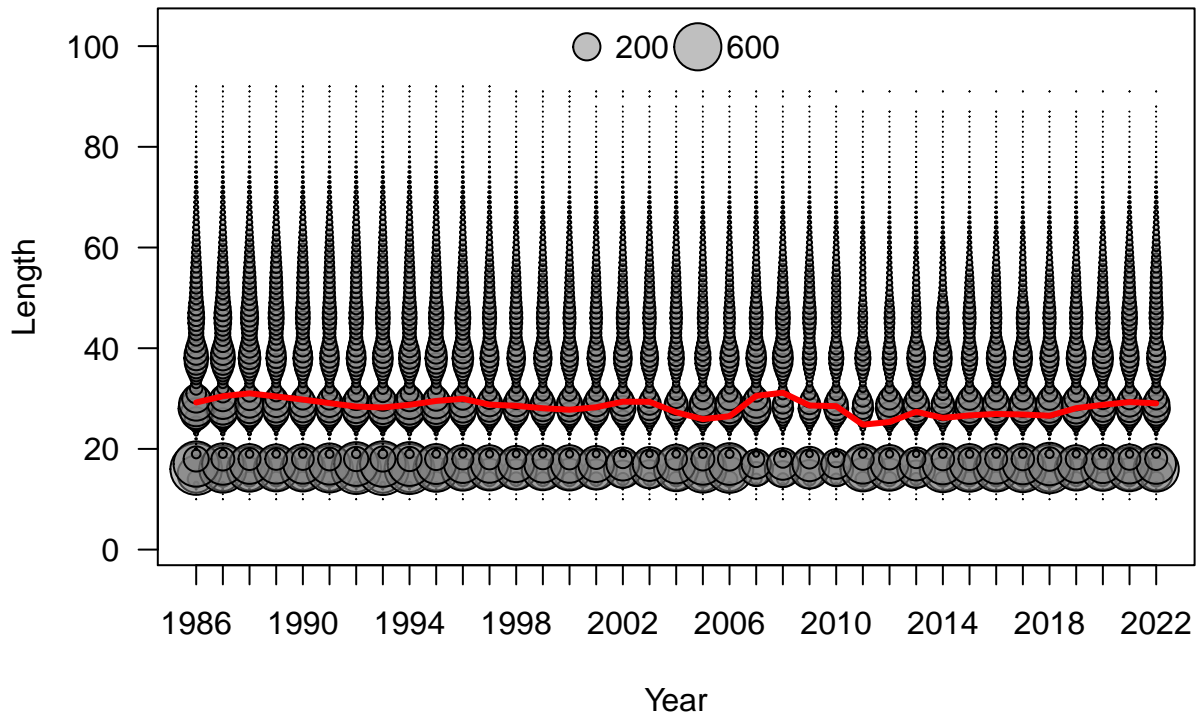
Age

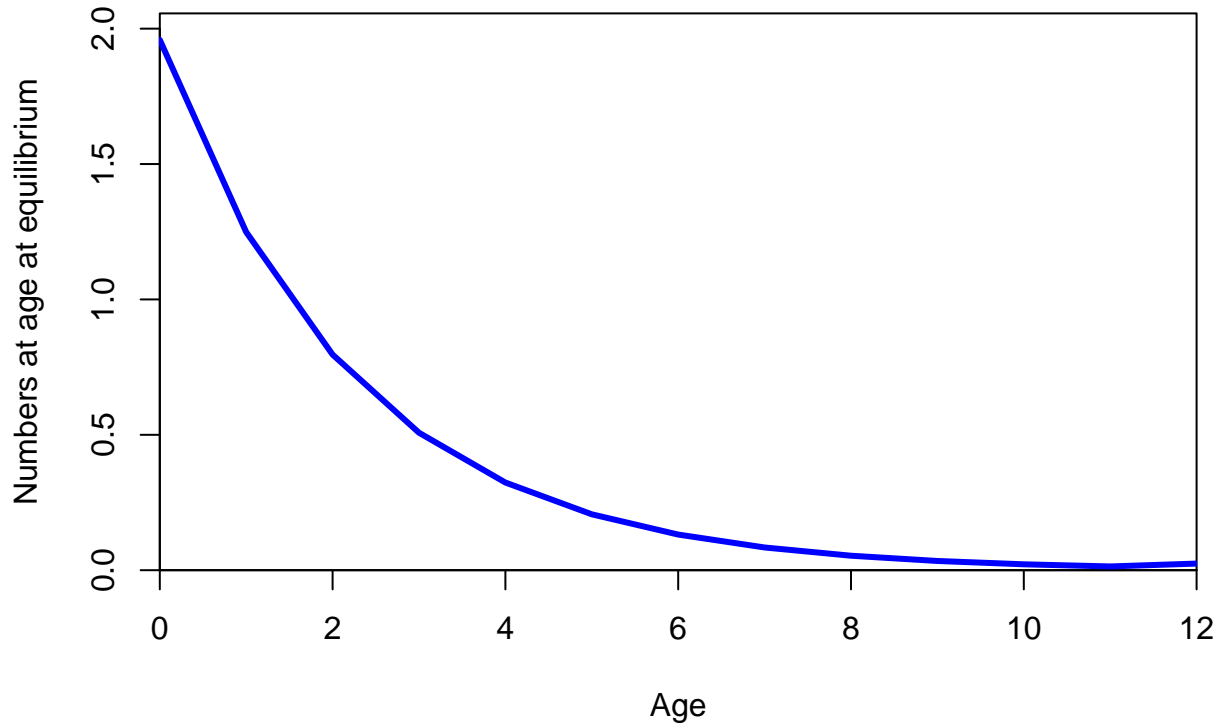


Age



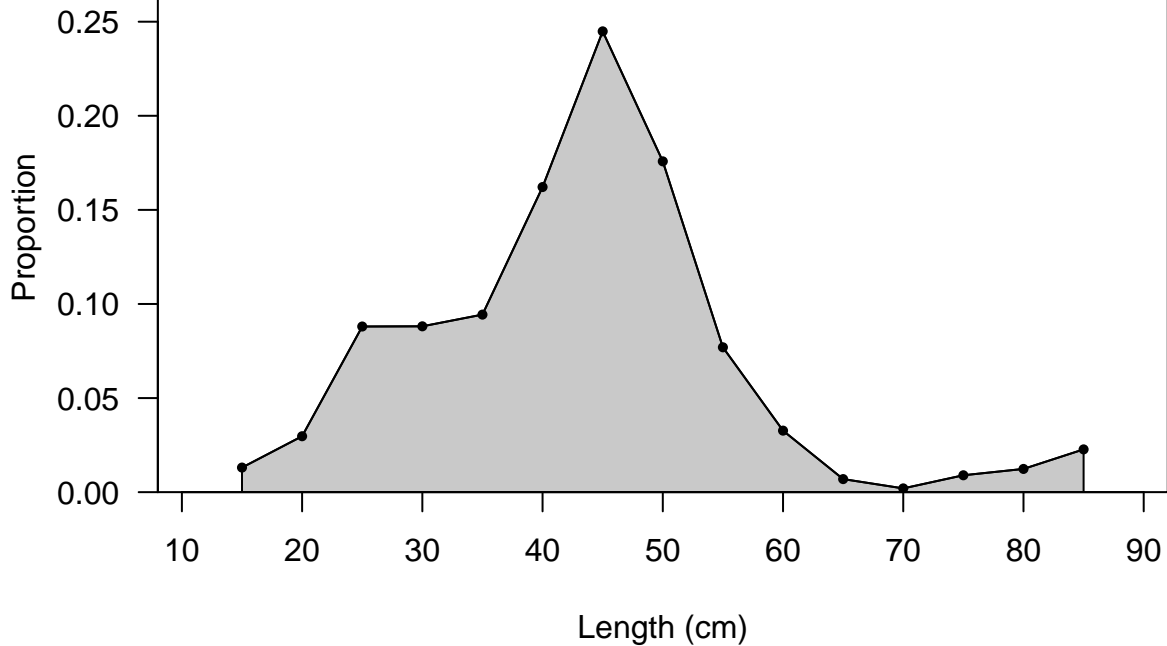


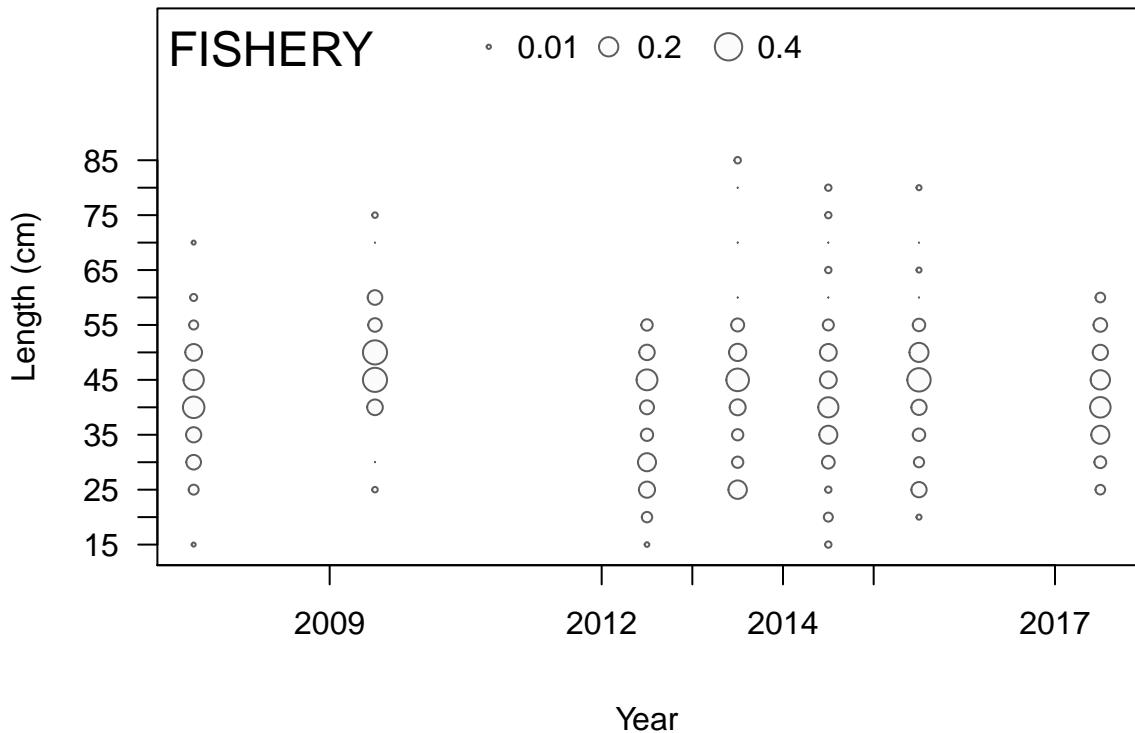




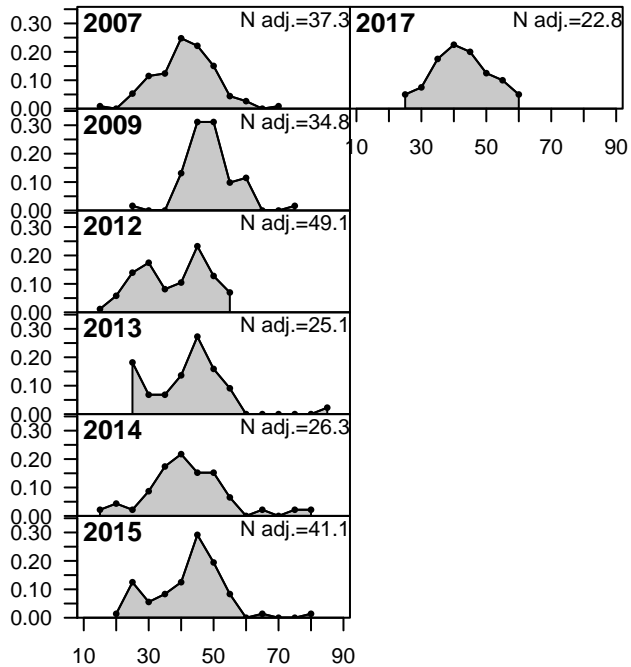
FISHERY

Sum of N adj.=236.6

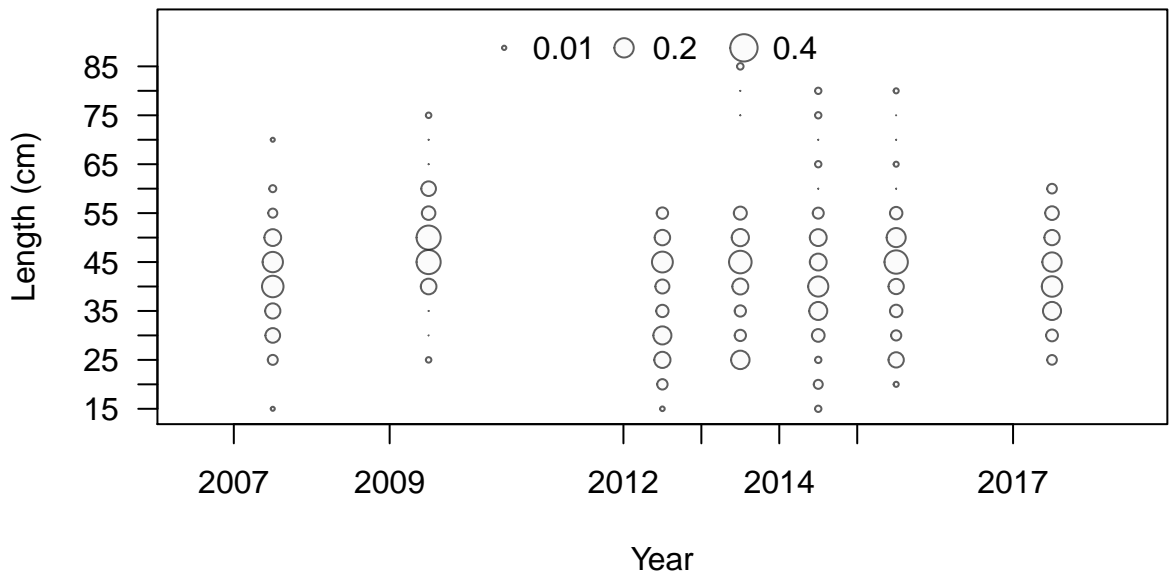




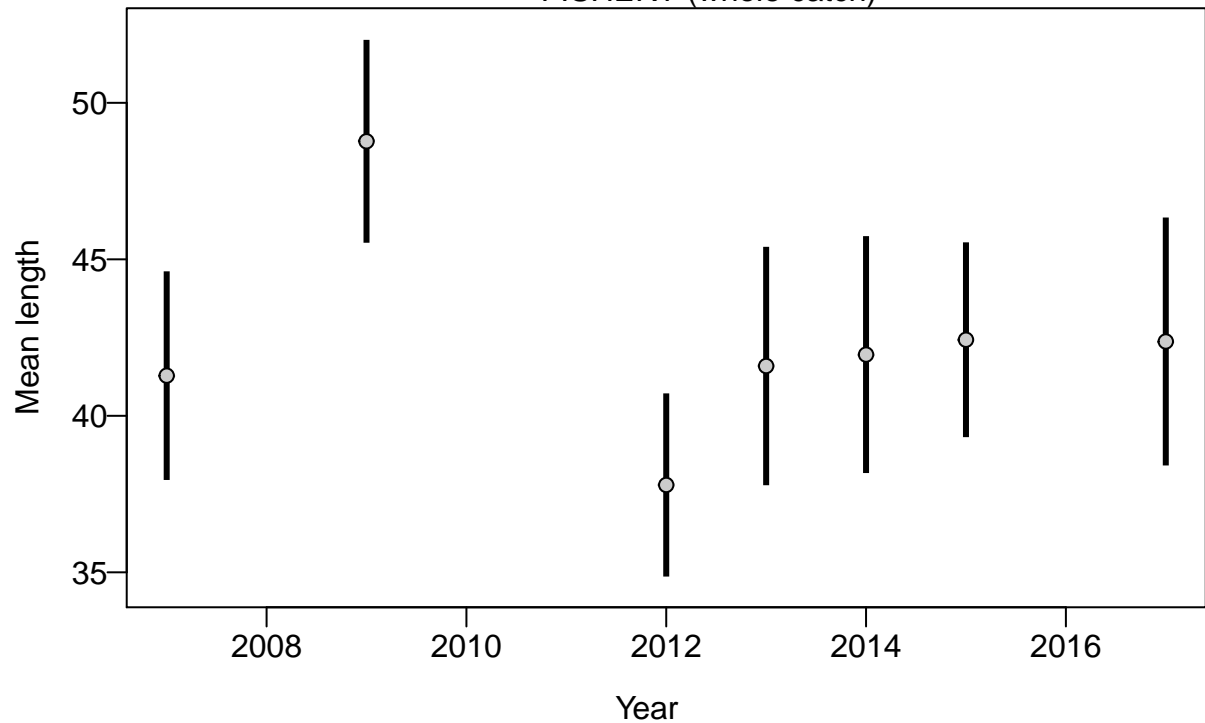
Proportion



Length (cm)

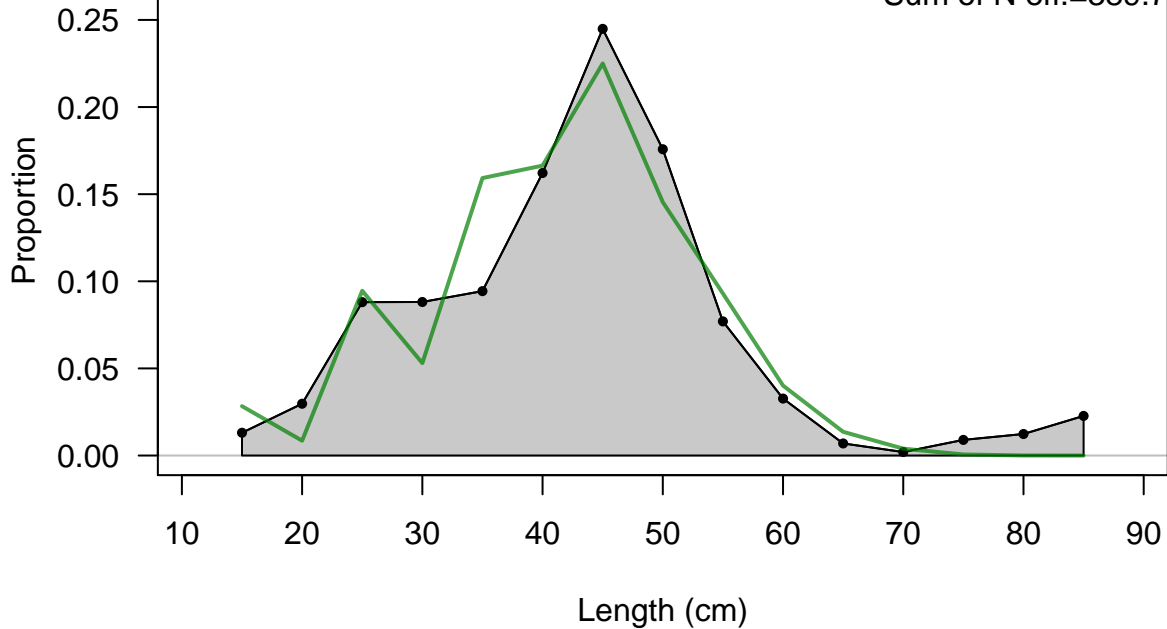


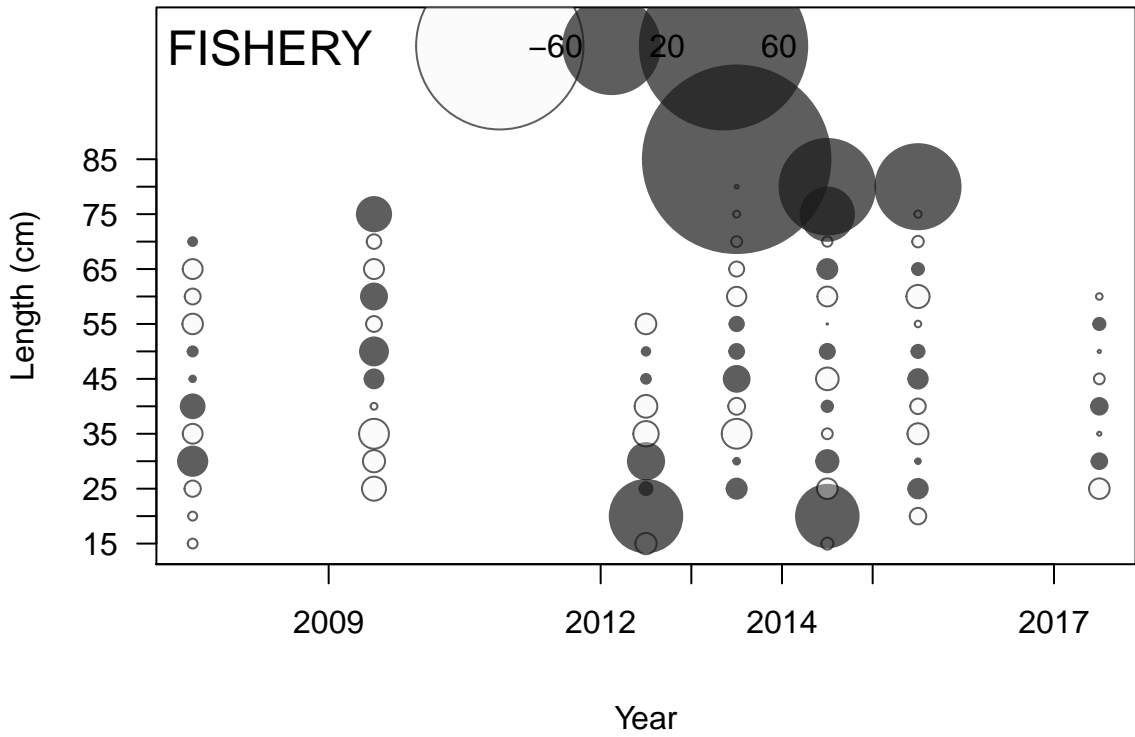
FISHERY (whole catch)



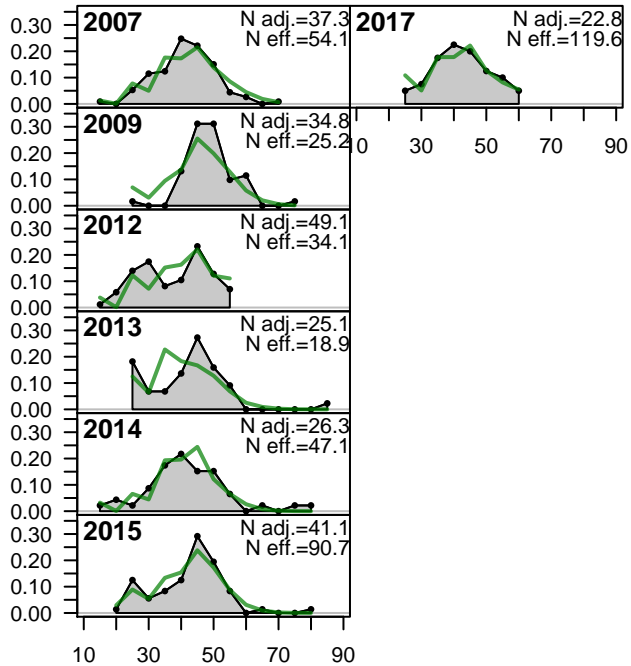
FISHERY

Sum of N adj.=236.6
Sum of N eff.=389.7

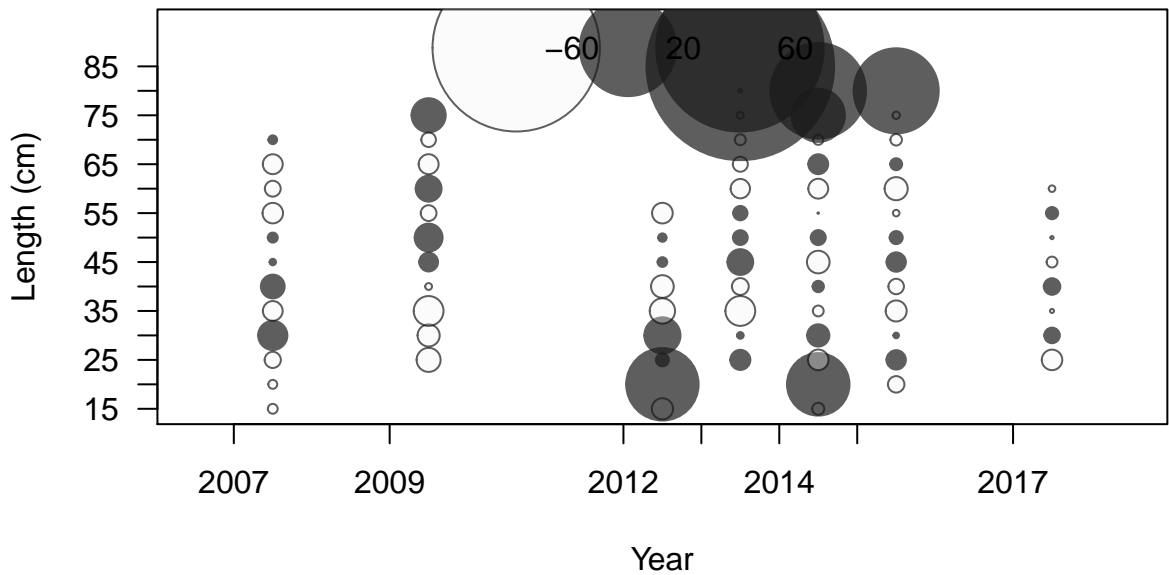




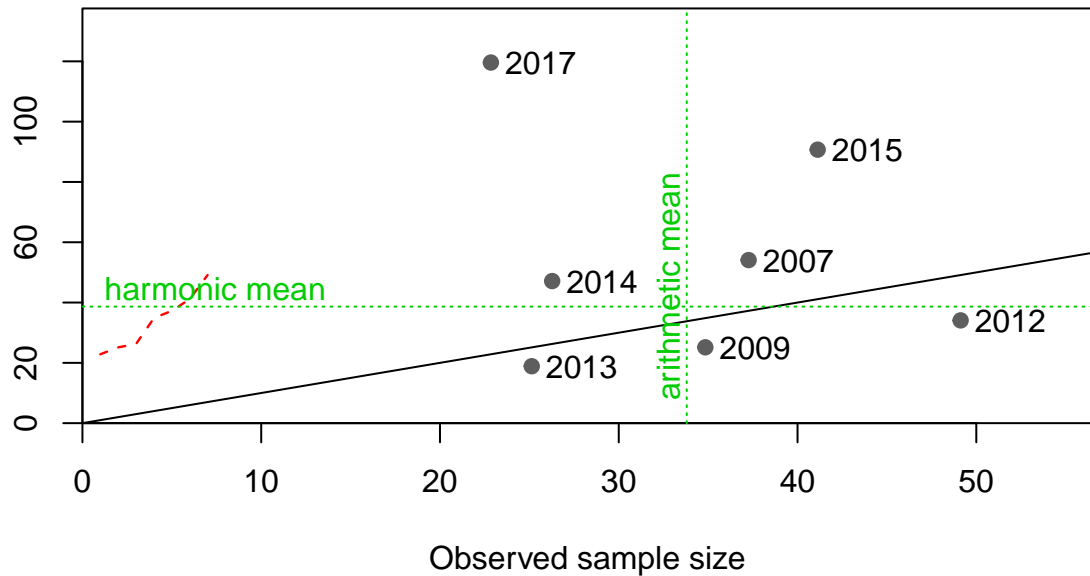
Proportion



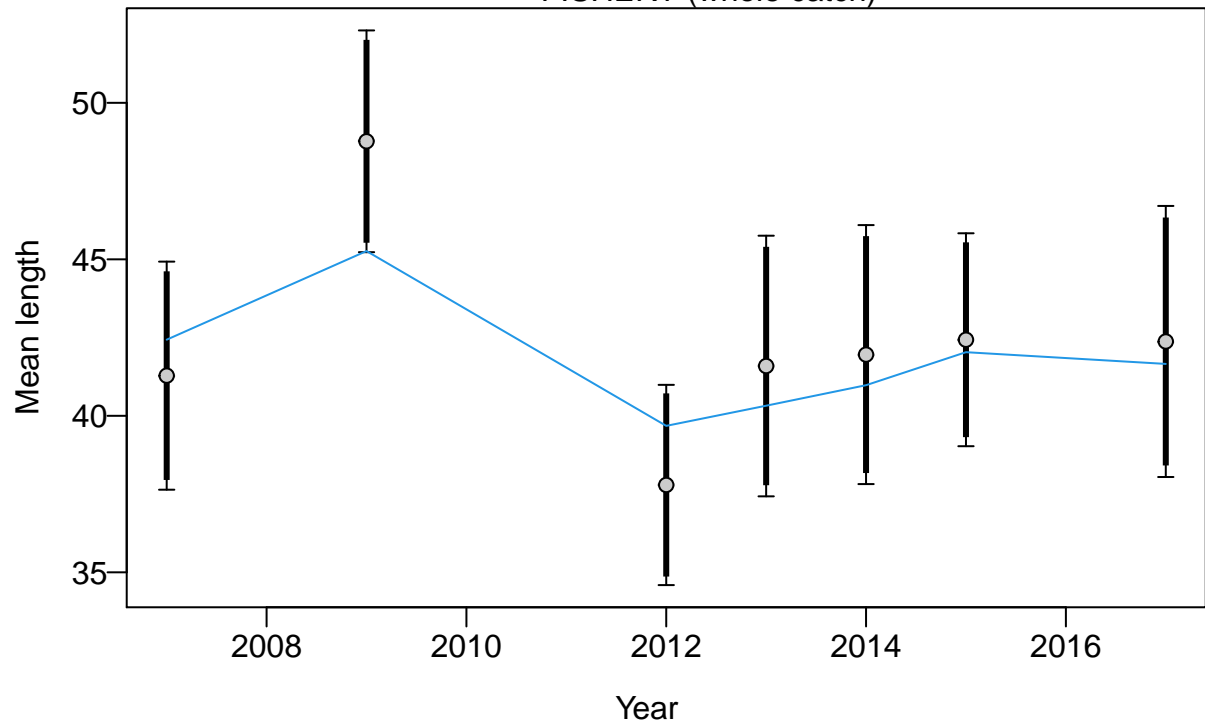
Length (cm)

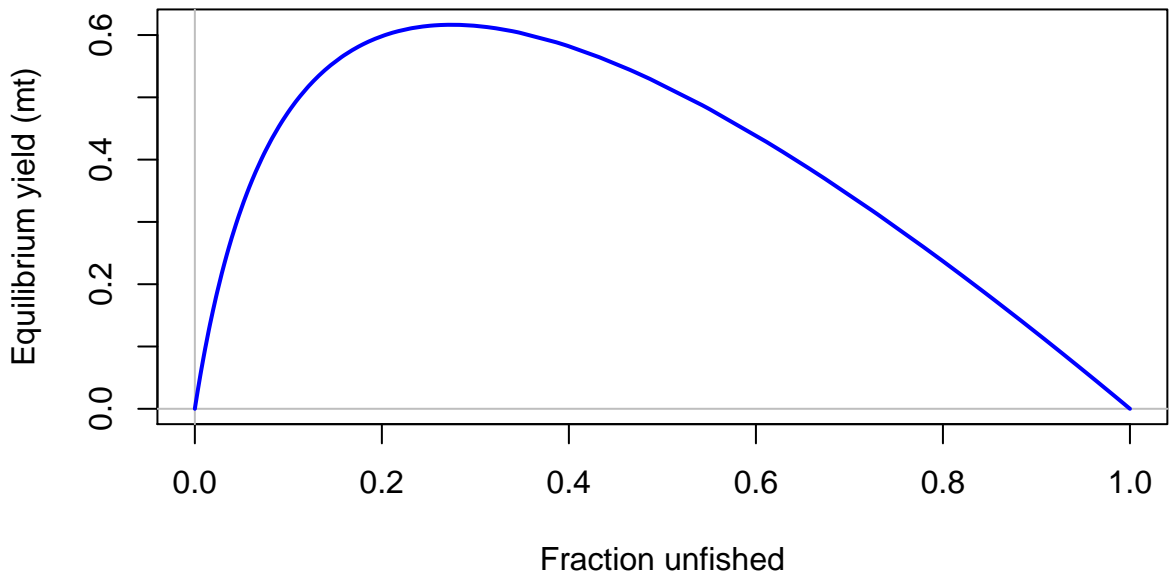


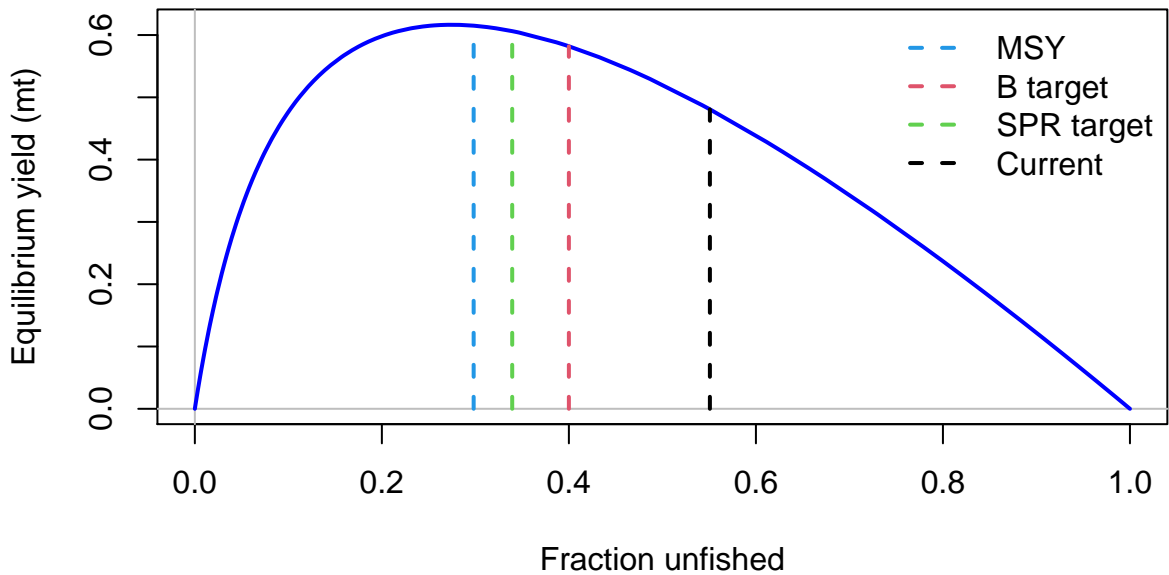
Effective sample size

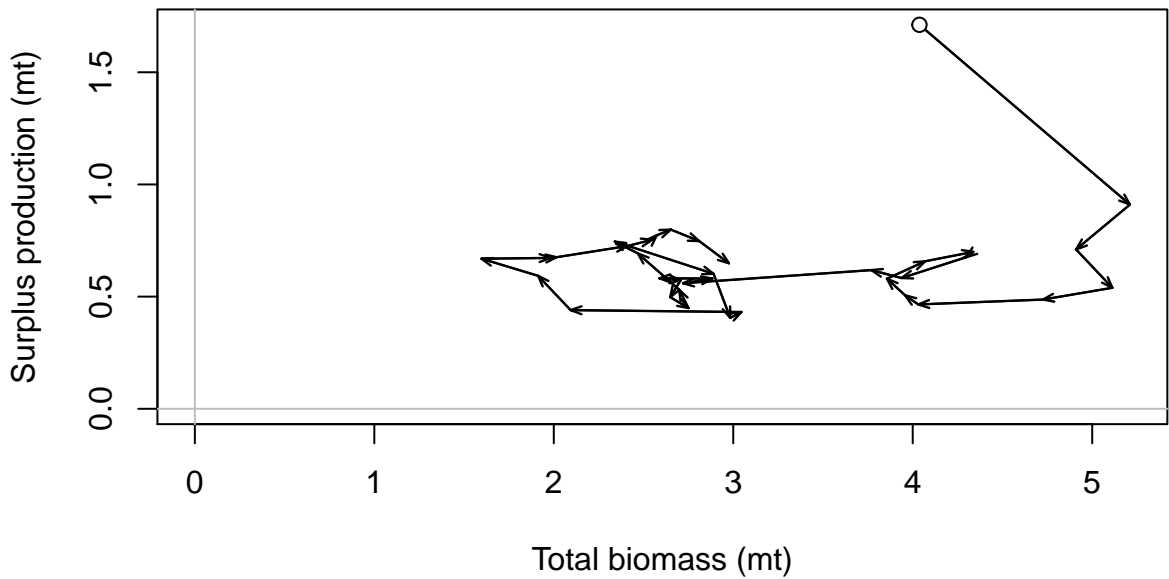


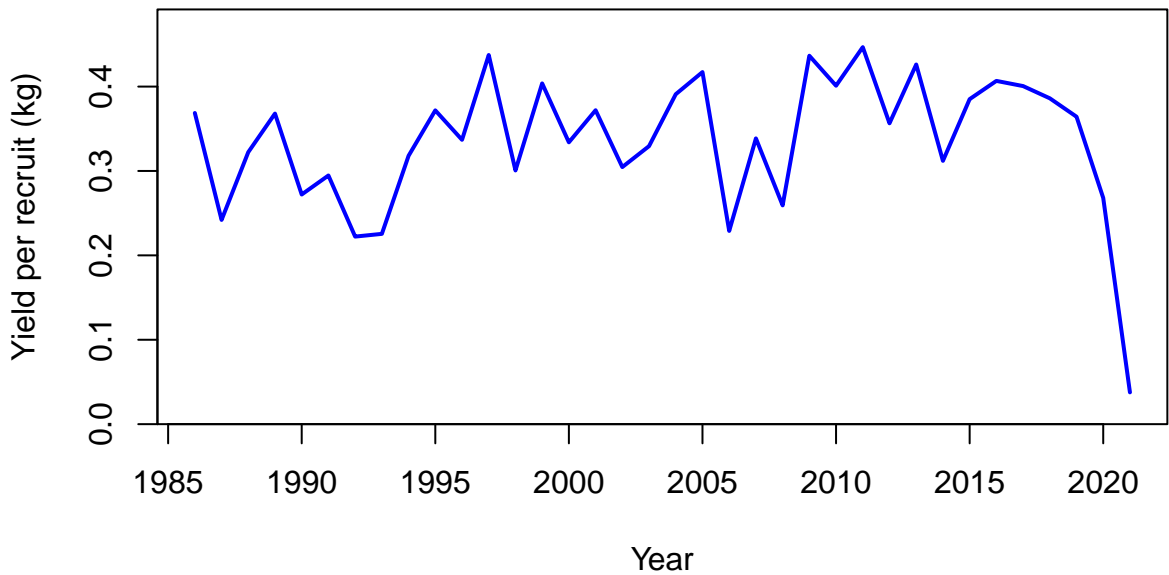
FISHERY (whole catch)

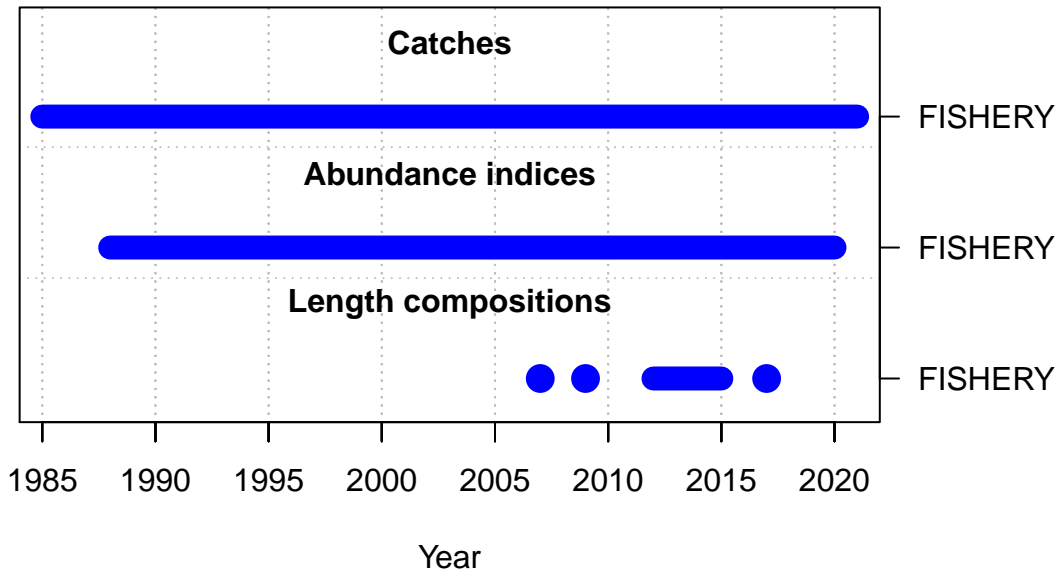


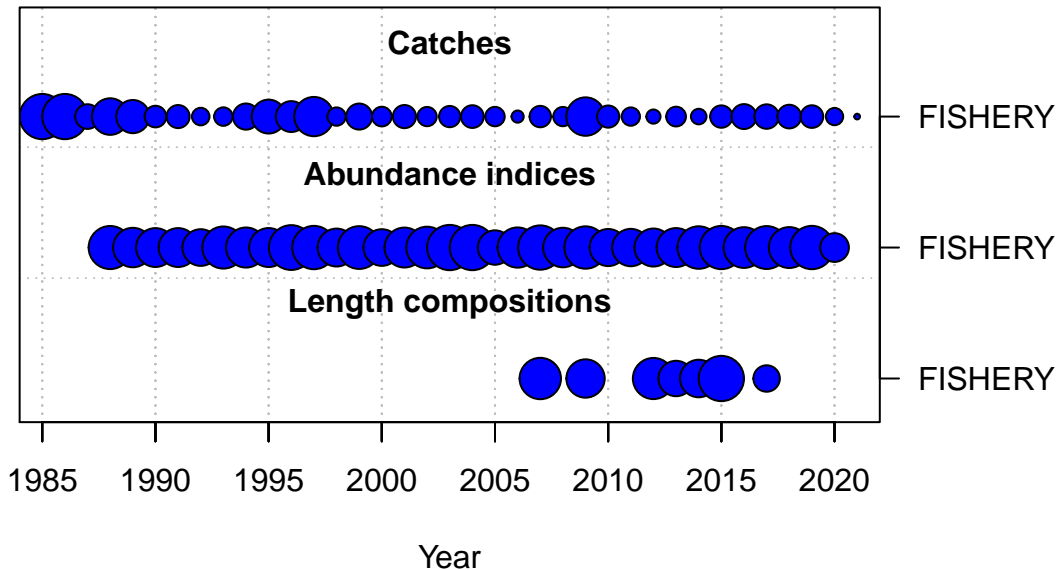




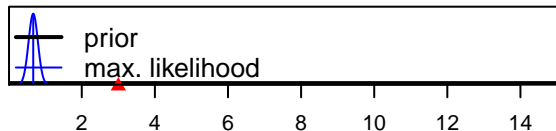




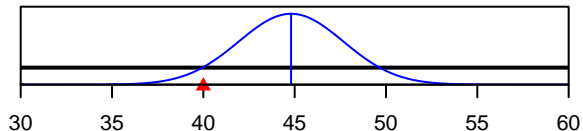




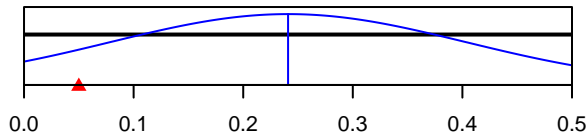
SR_LN(R0)



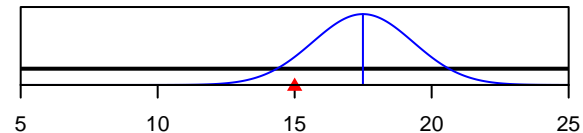
Size_inflection_FISHERY(1)



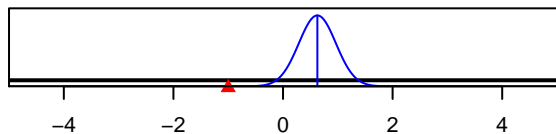
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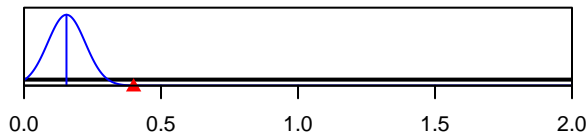
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



Q_extraSD_FISHERY(1)



Parameter value