

Plots created using the 'r4ss' package in R

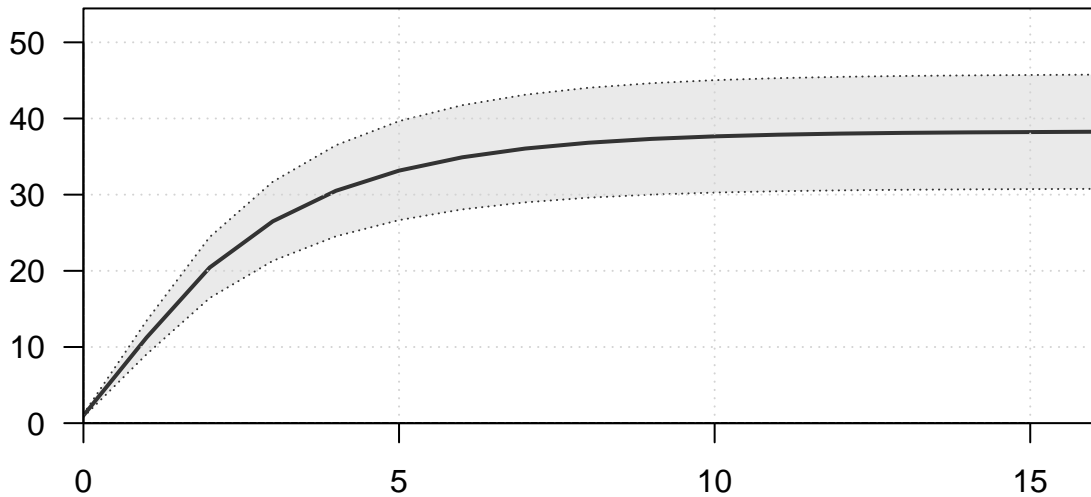
Stock Synthesis version: 3.30.19.0

StartTime: Mon Jun 20 13:08:33 2022

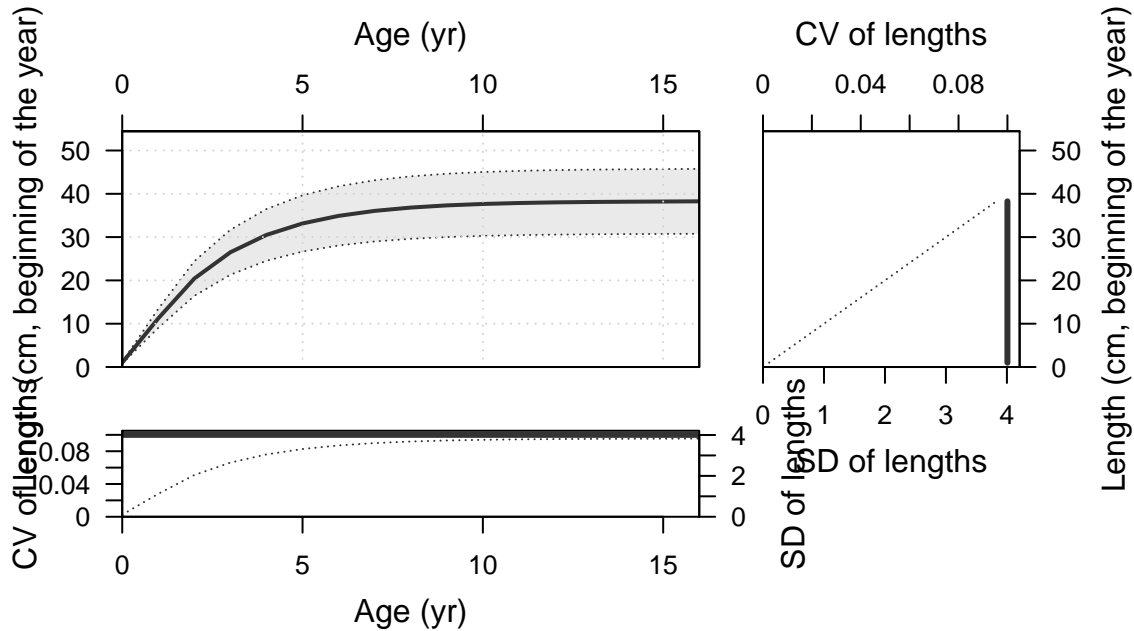
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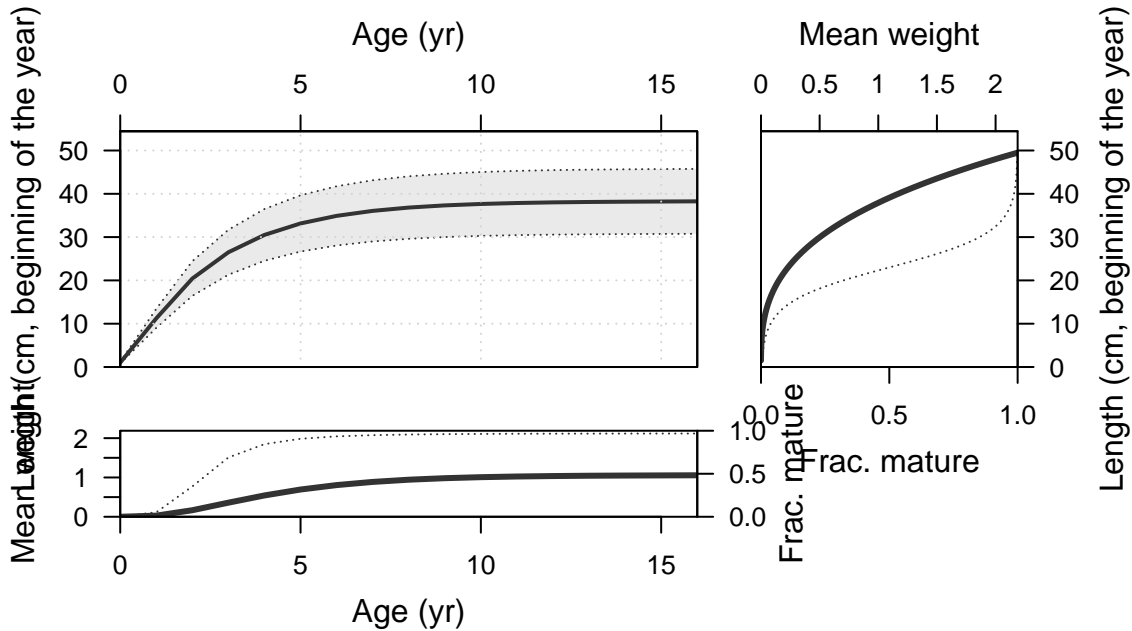
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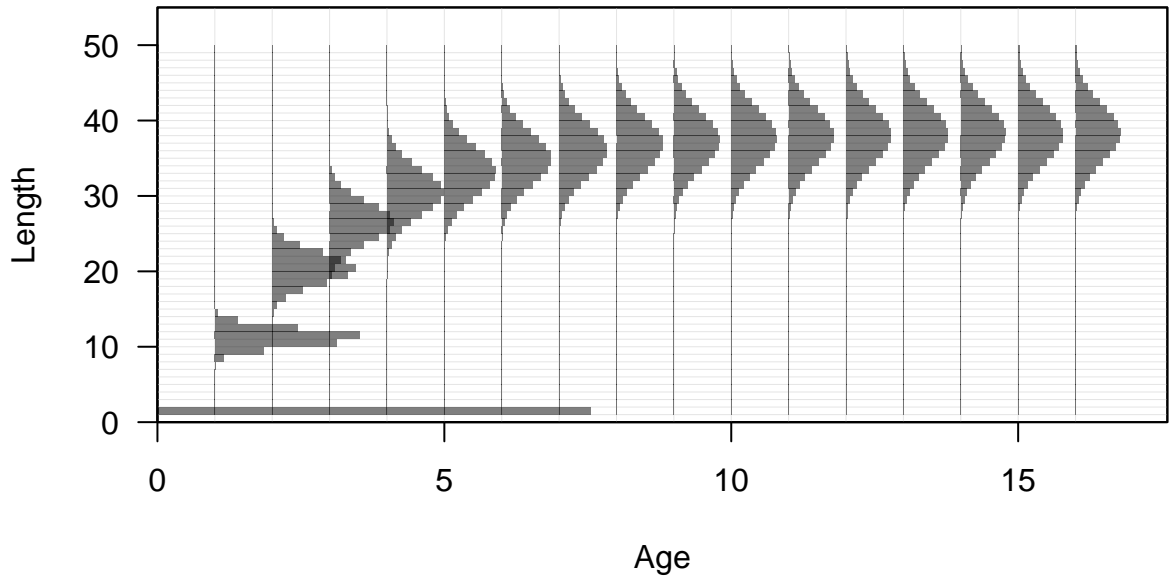
Length (cm, beginning of the year)

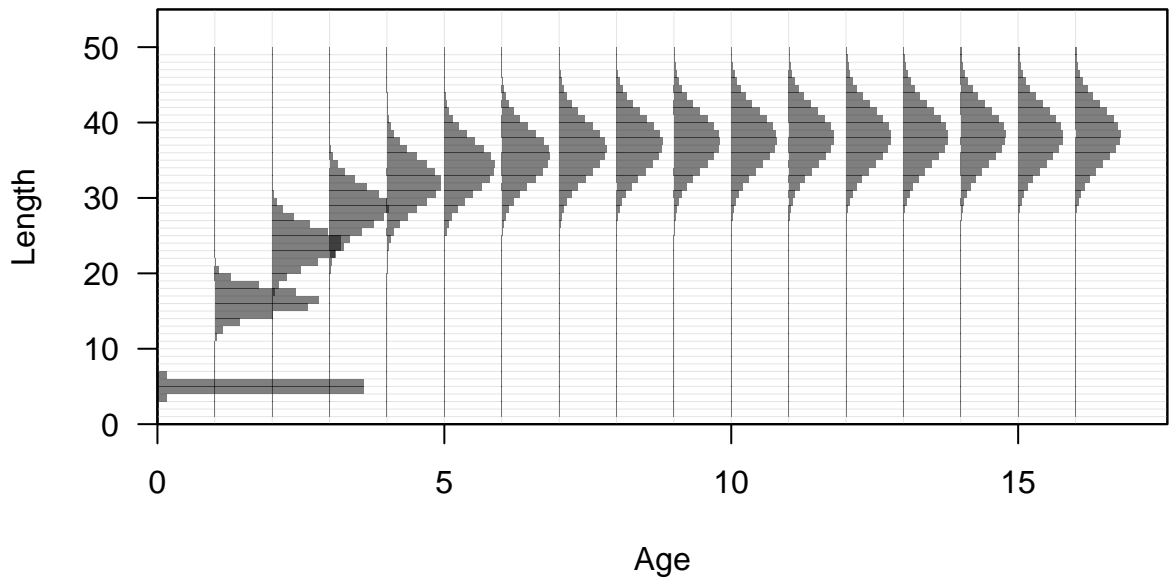


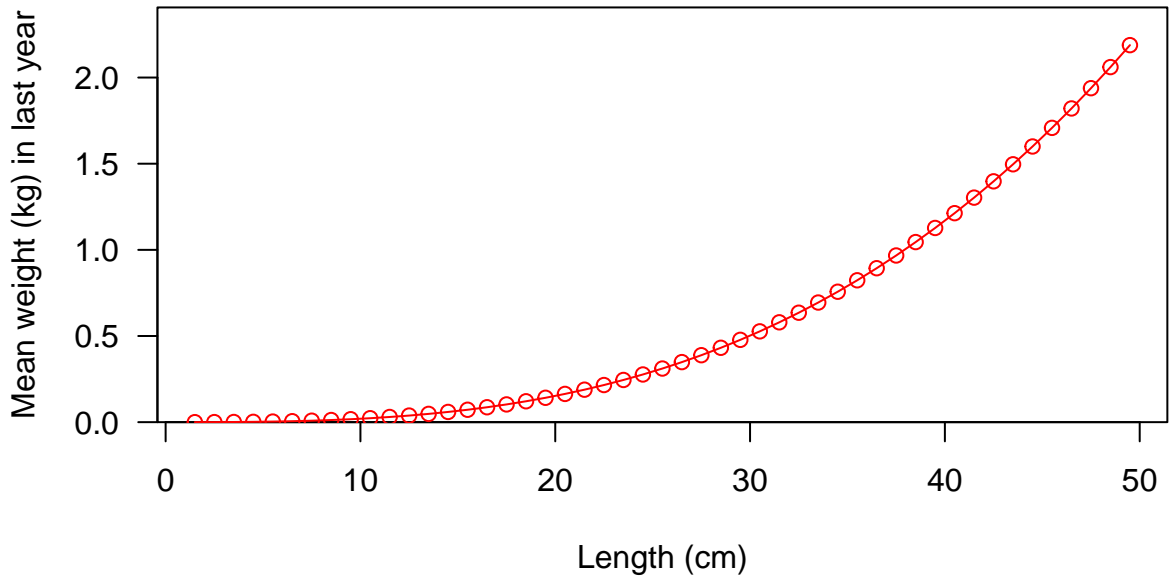
Age (yr)

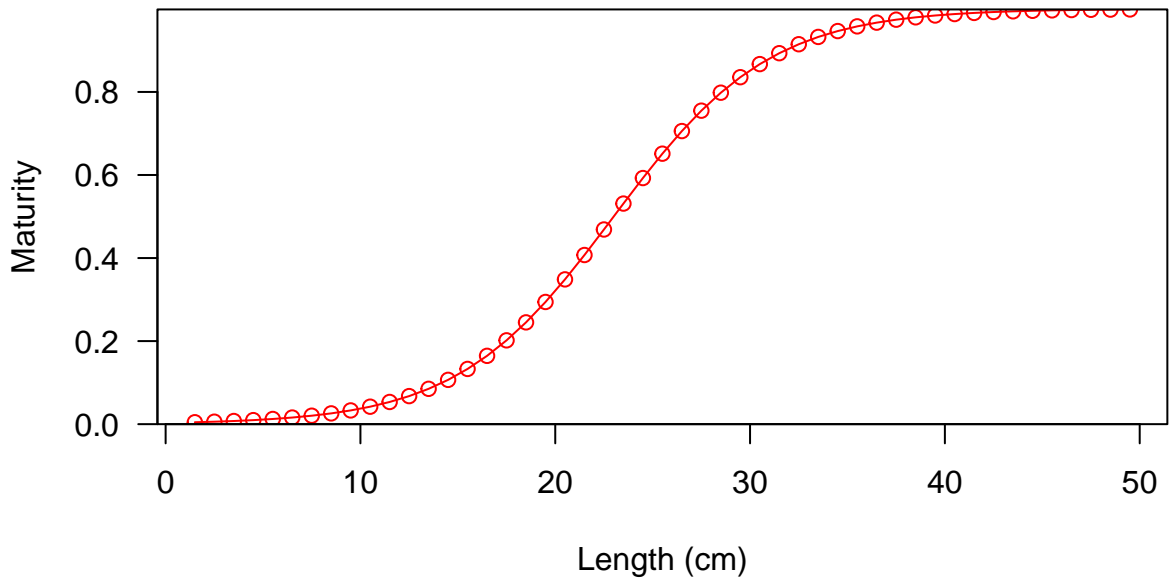


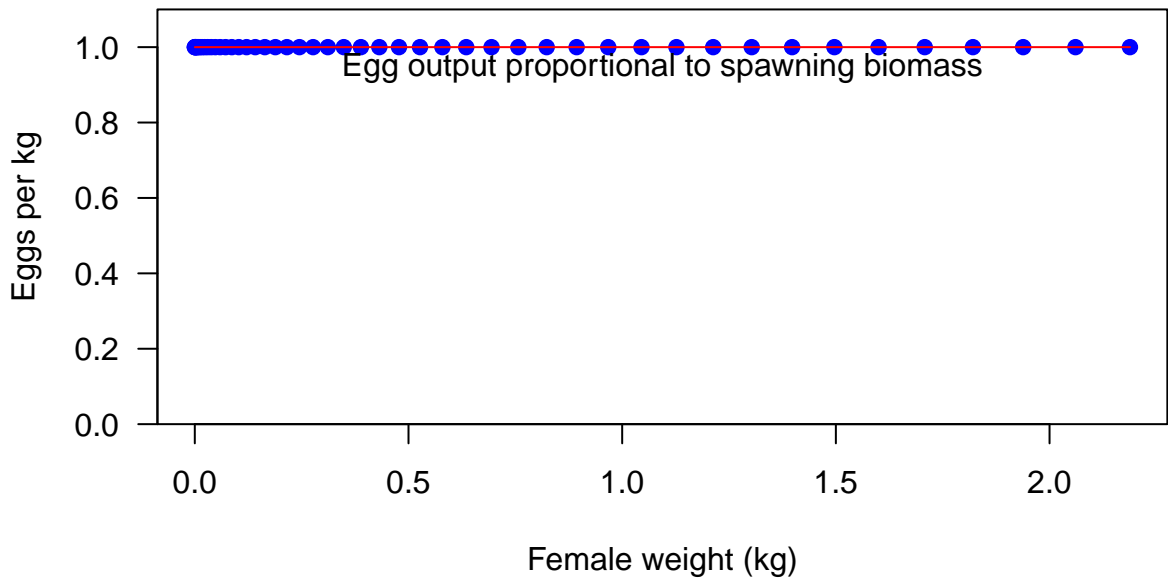


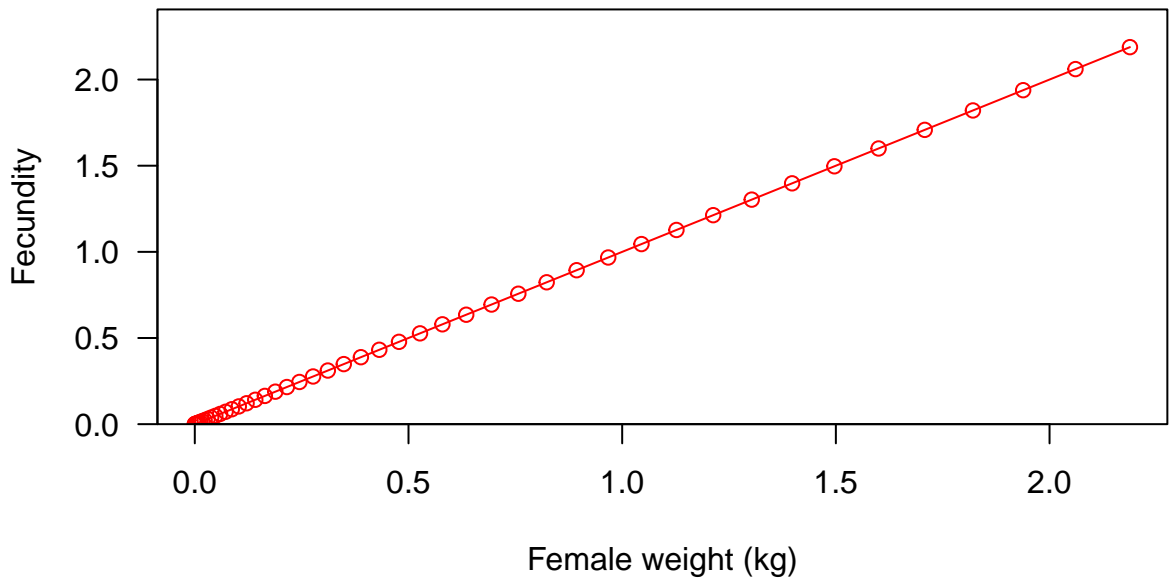


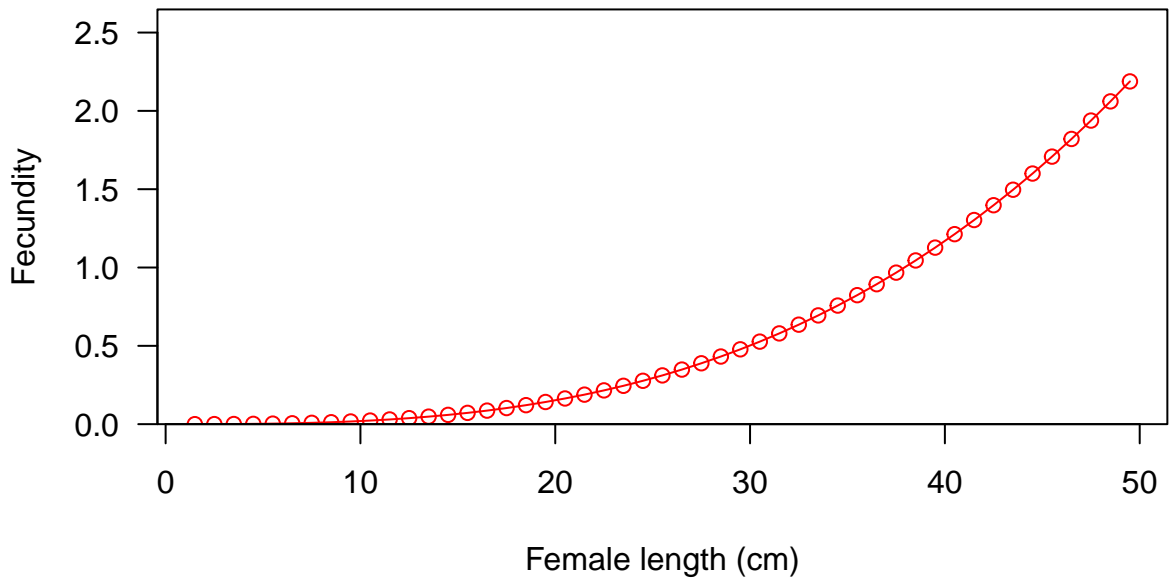


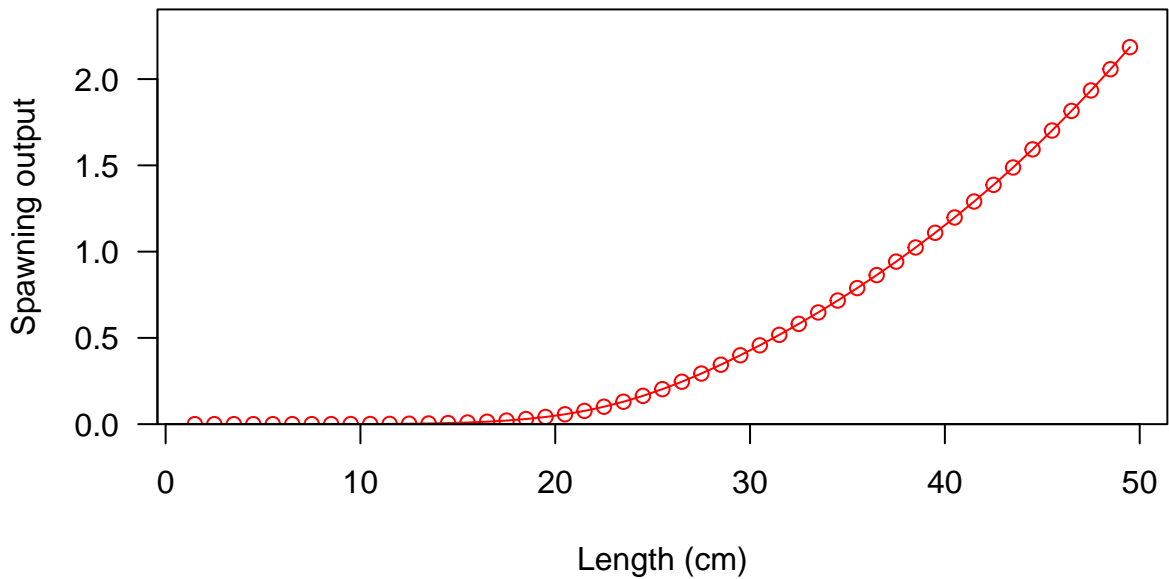


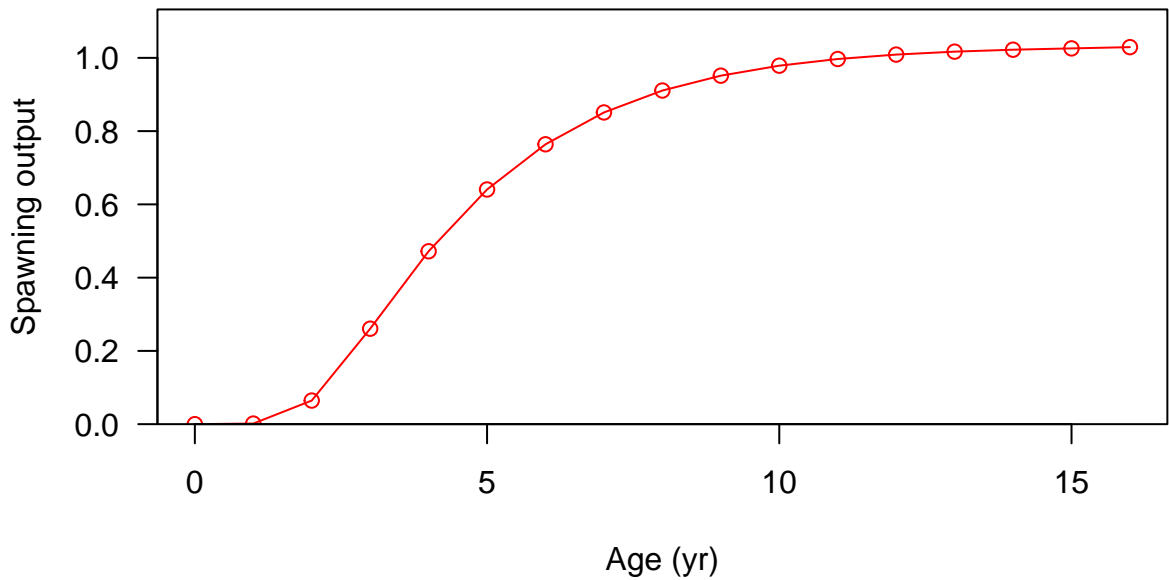




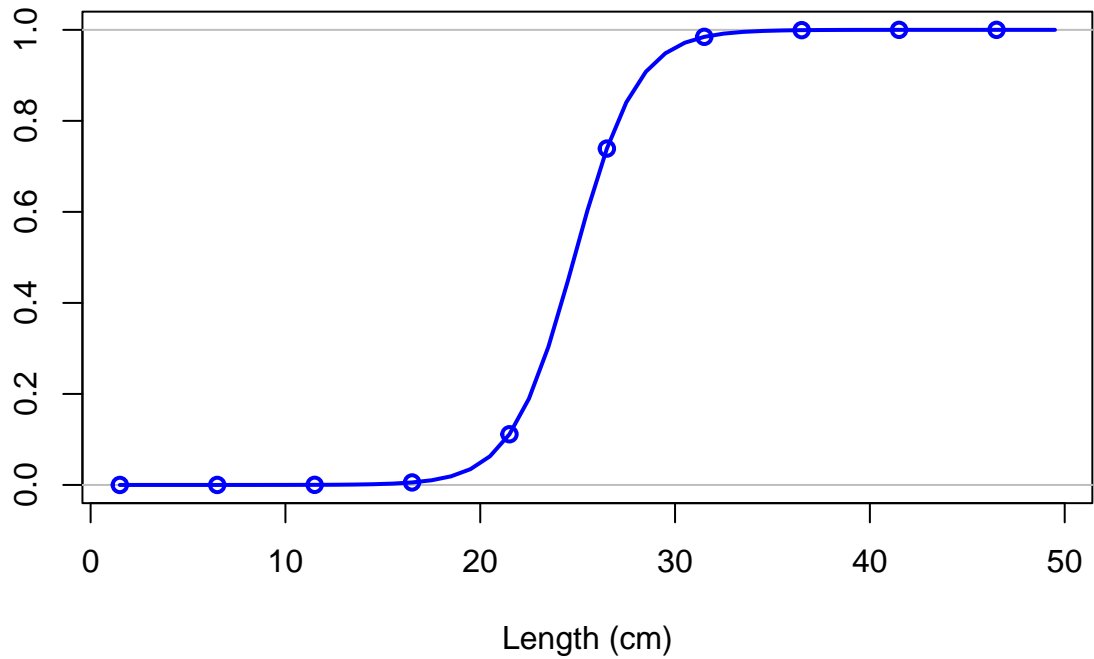




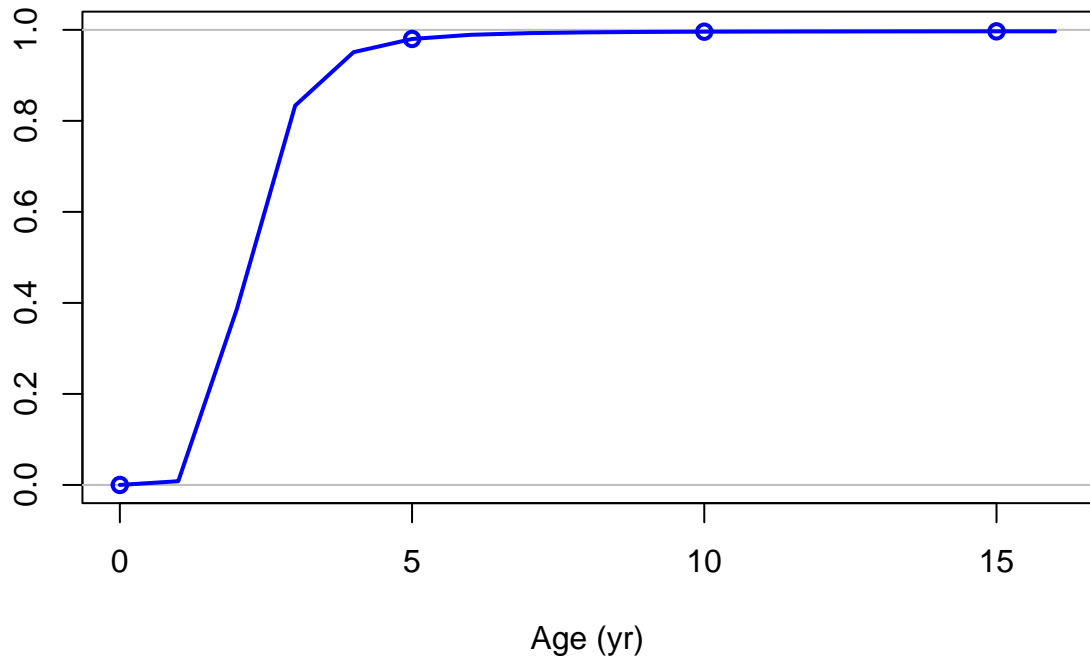




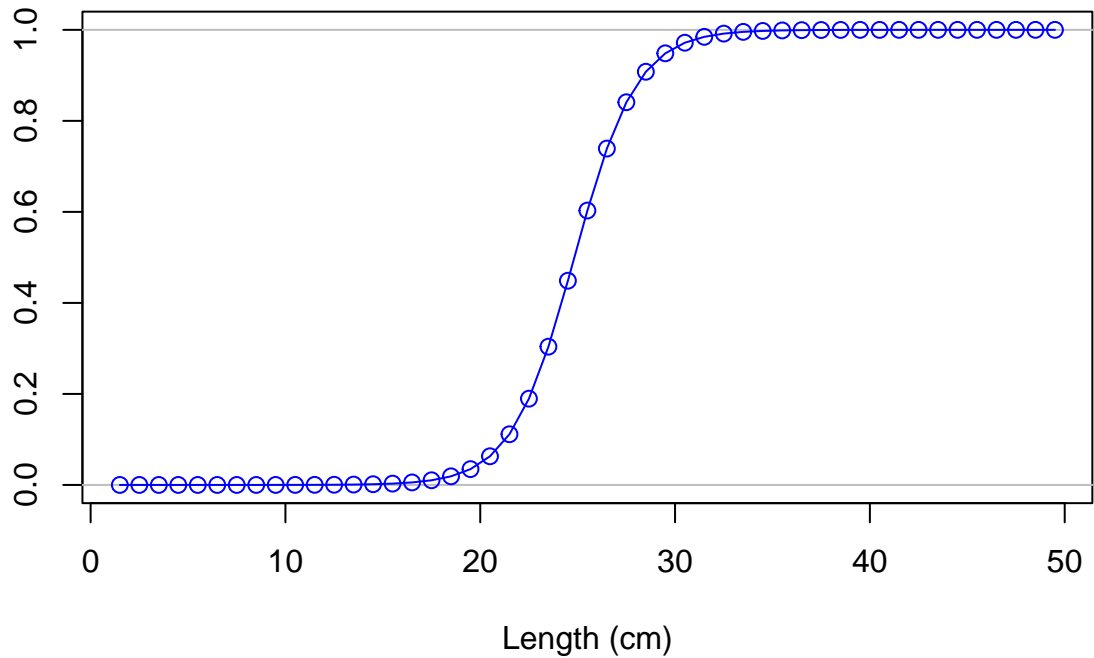
Selectivity

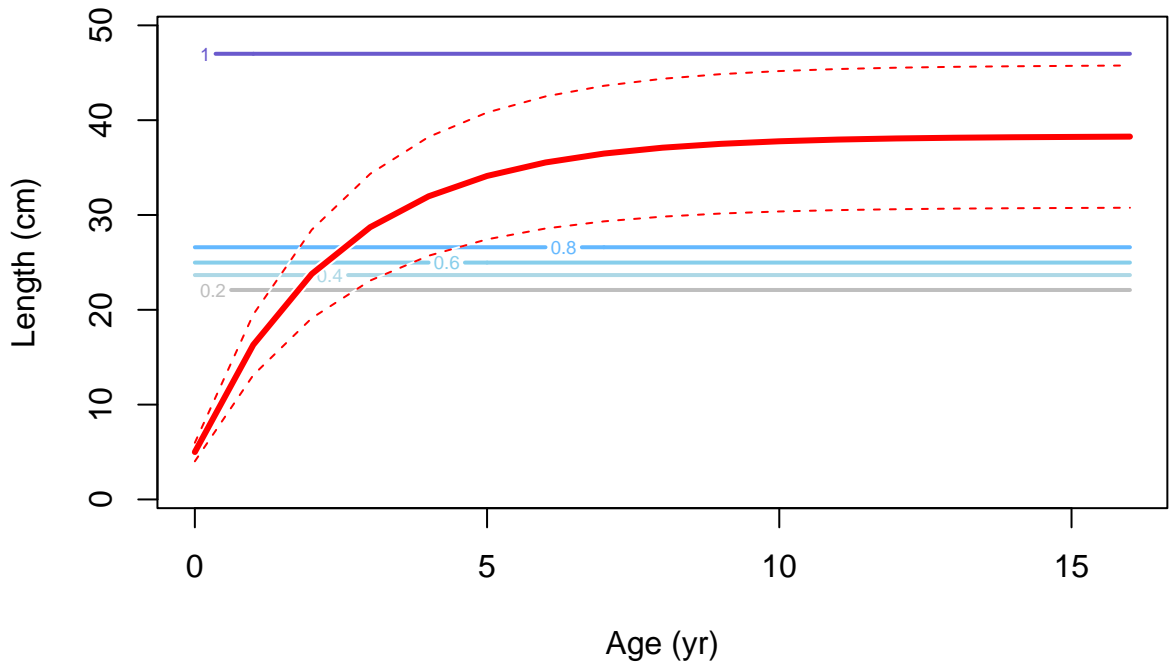


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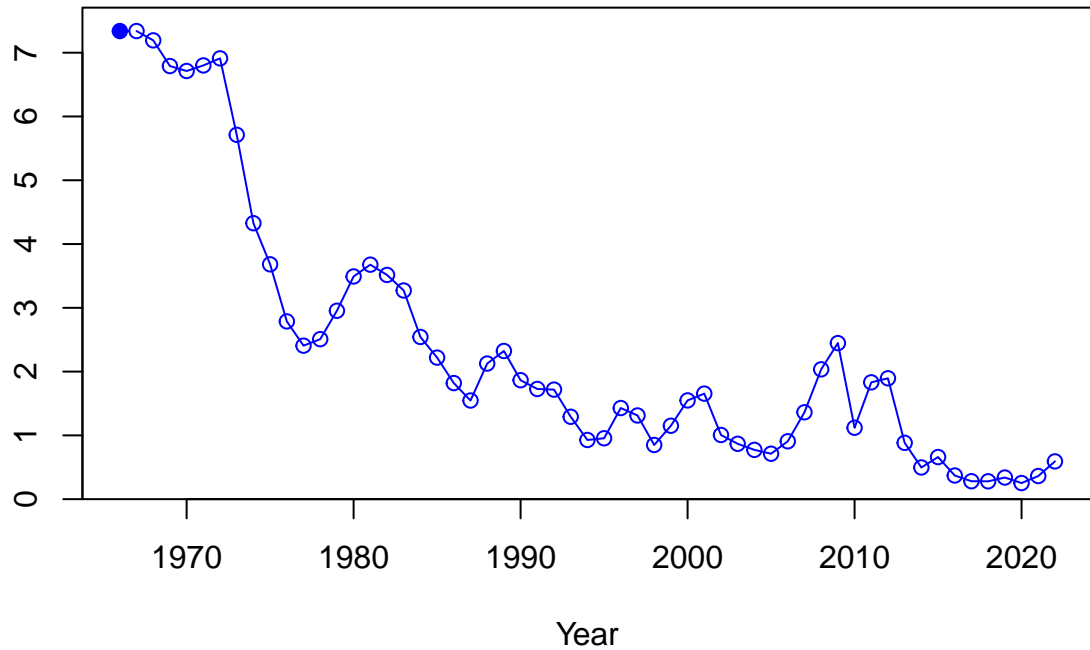


Selectivity

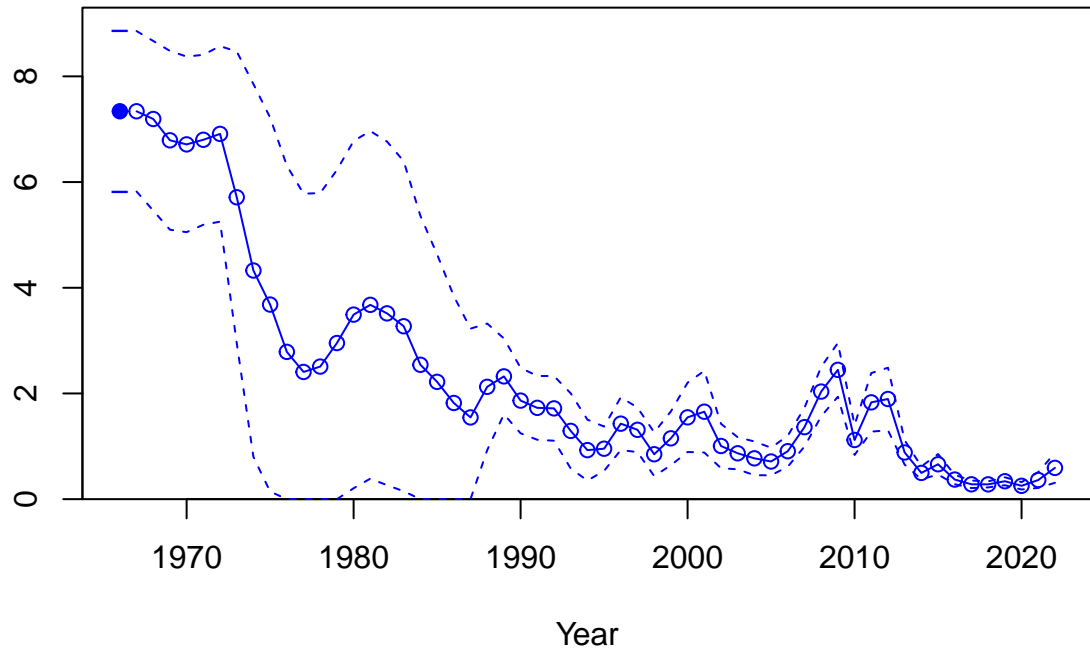




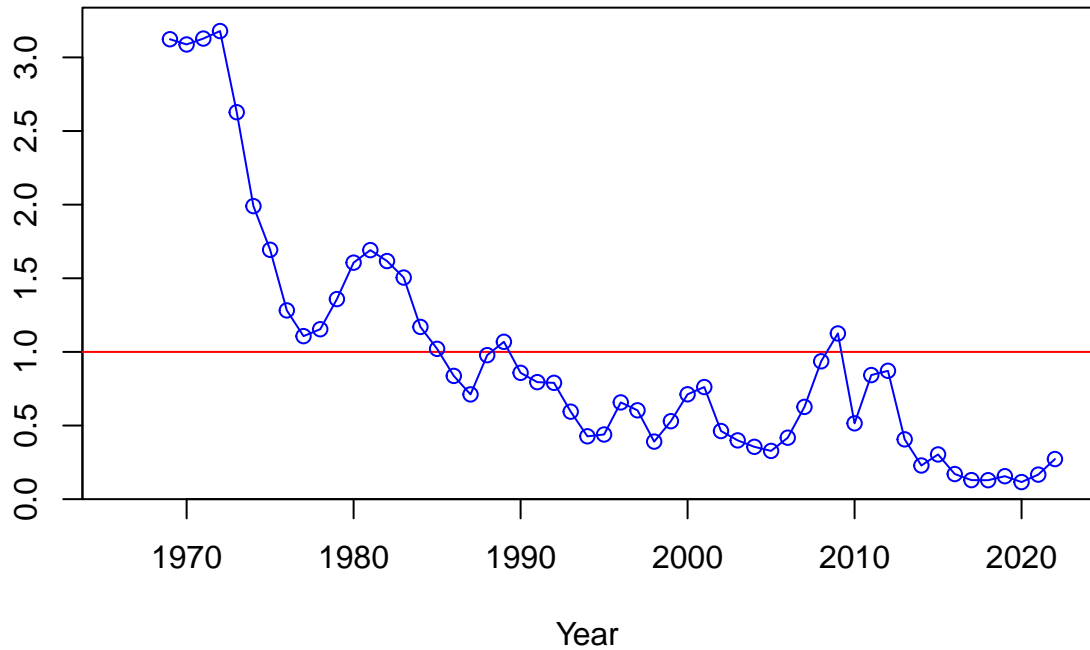
Spawning biomass (mt)



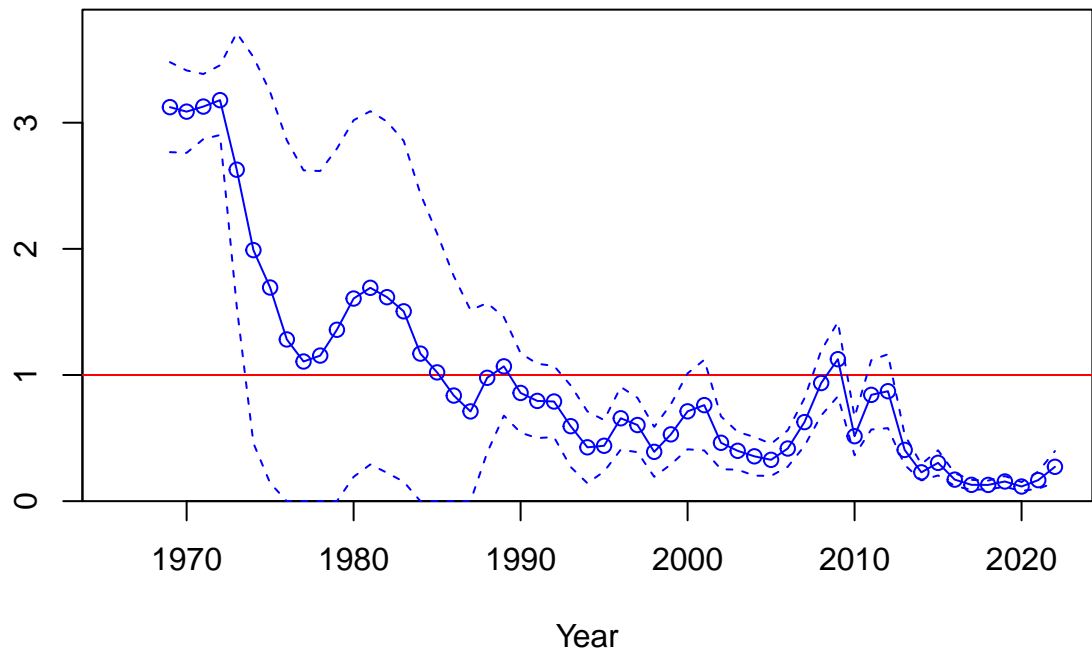
Spawning biomass (mt)

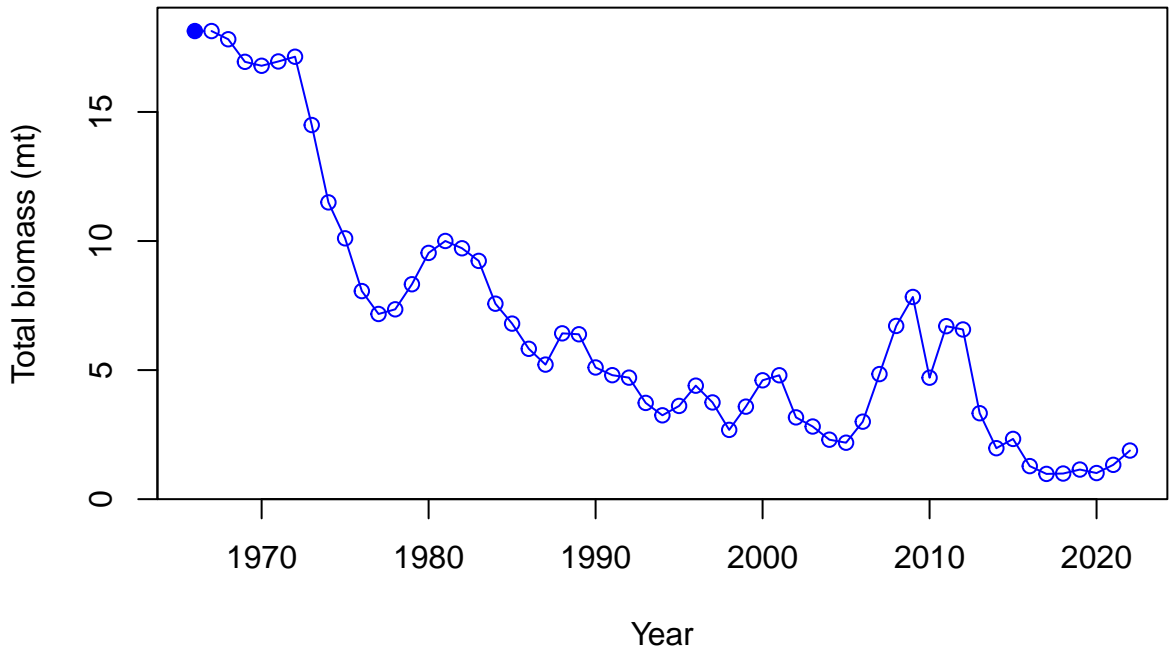


Relative spawning biomass: B/B_{MSY}

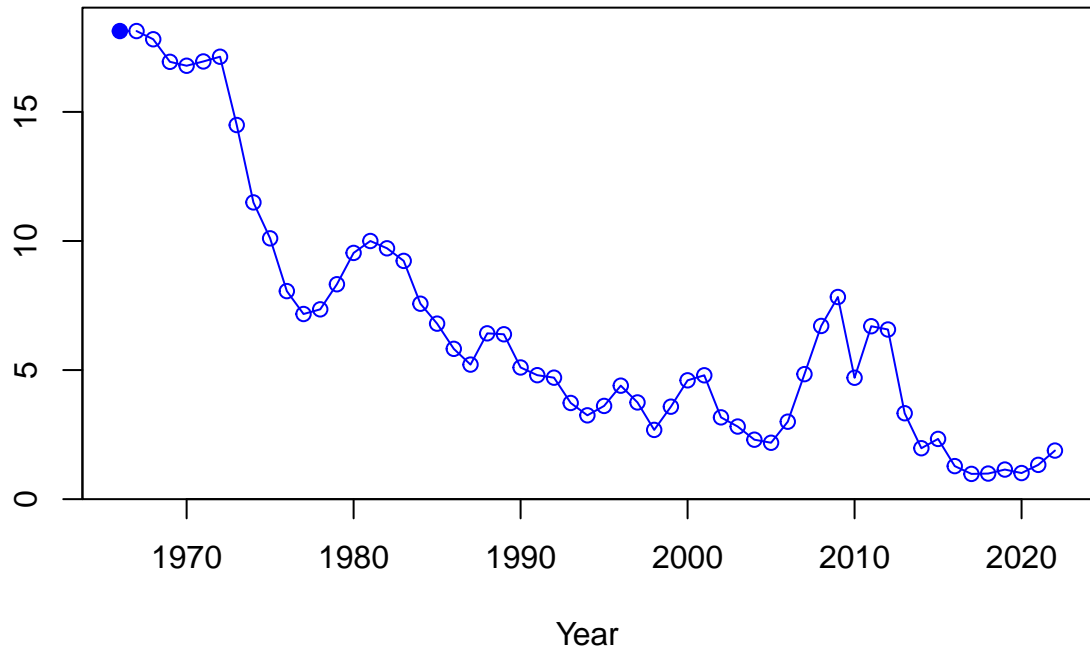


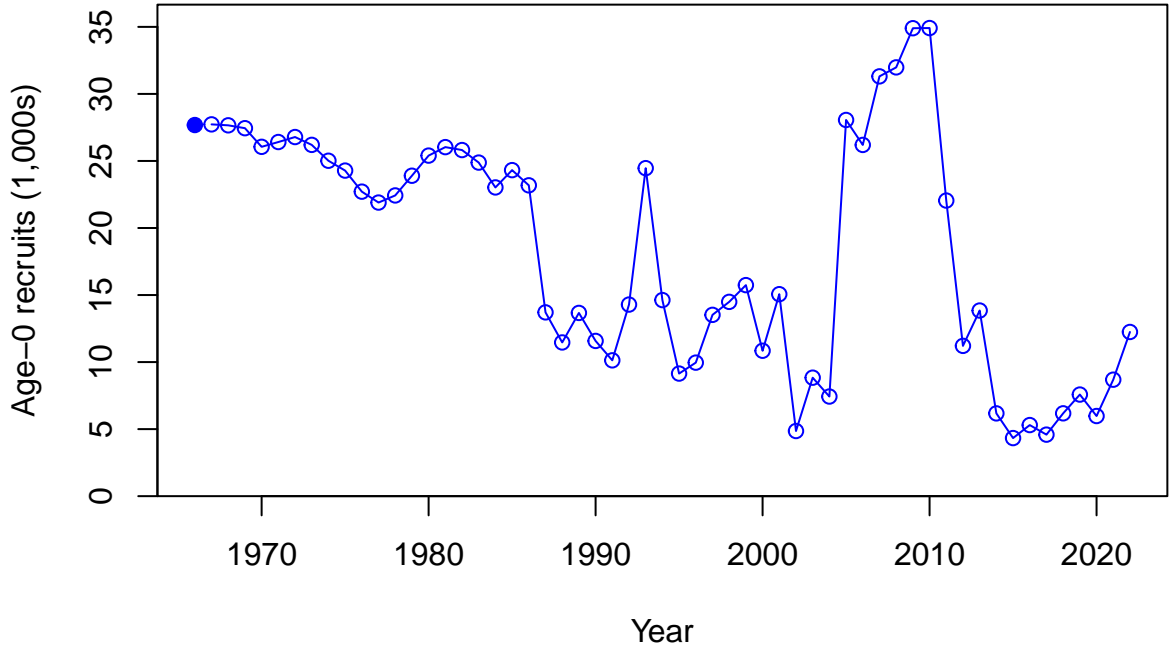
Relative spawning biomass: B/B_{MSY}

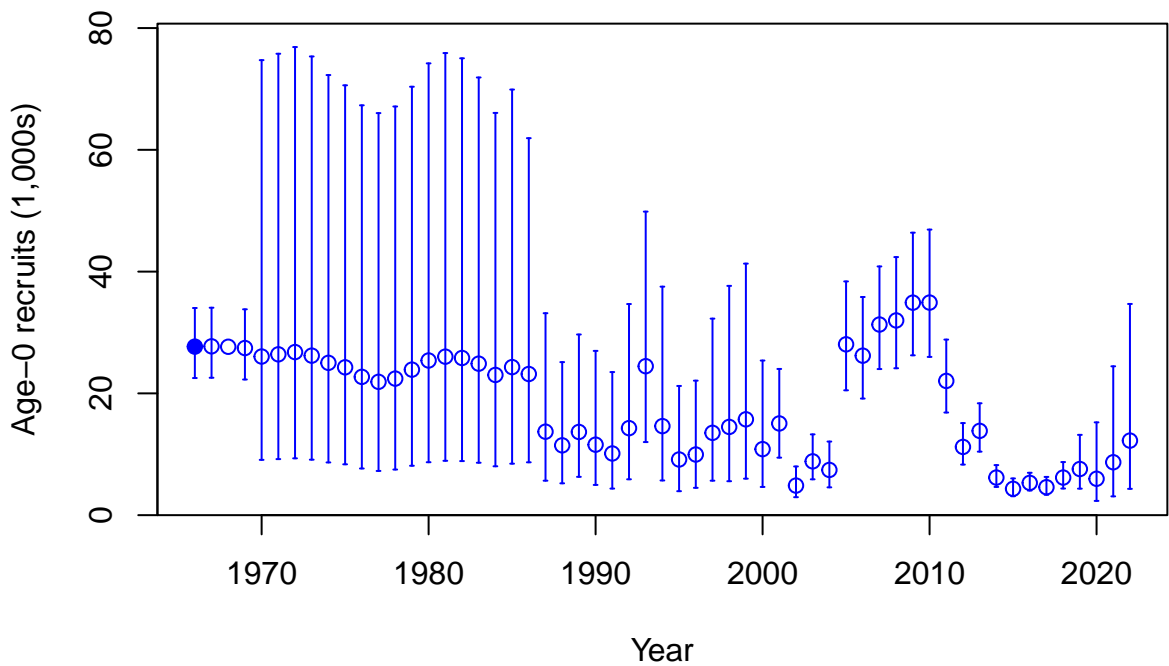




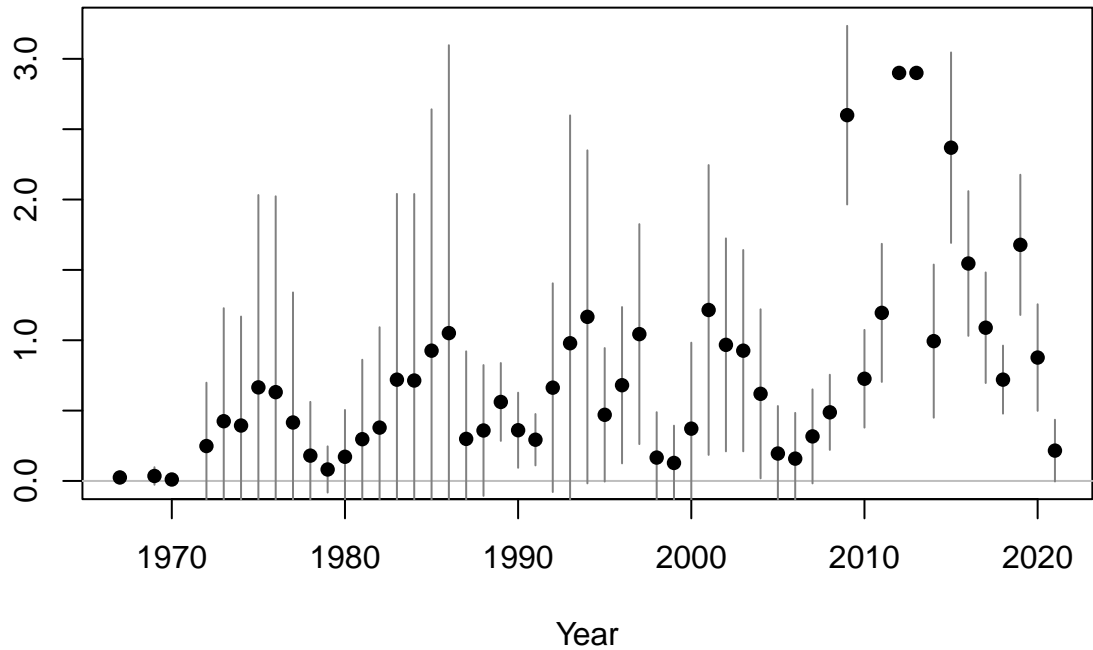
Summary biomass (mt)

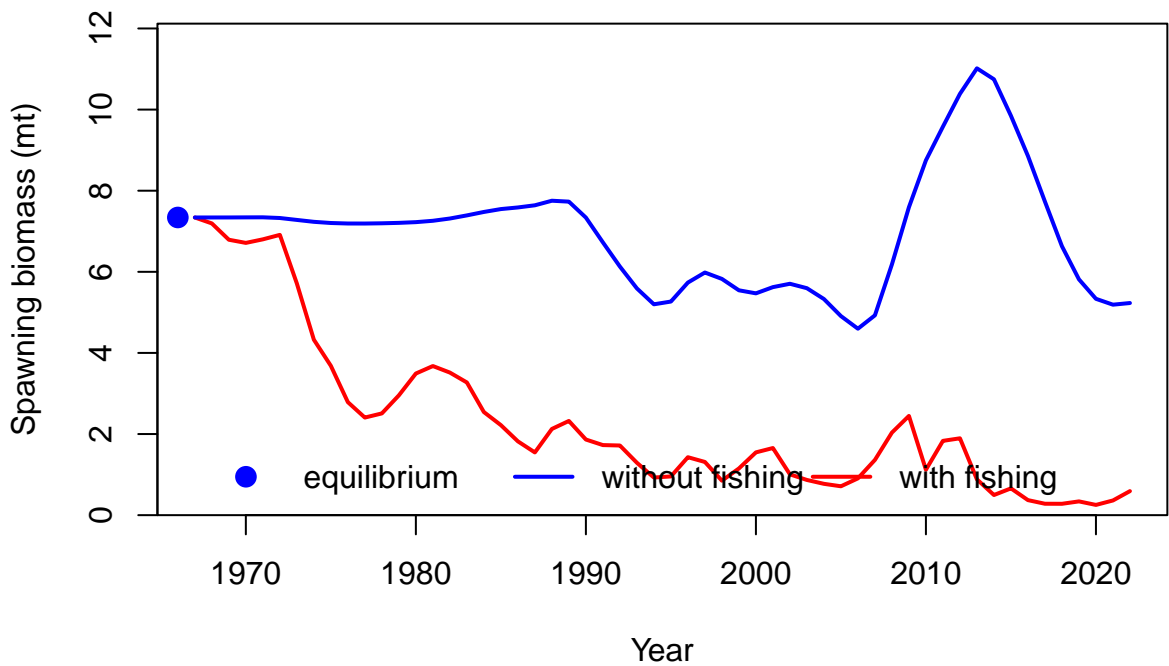




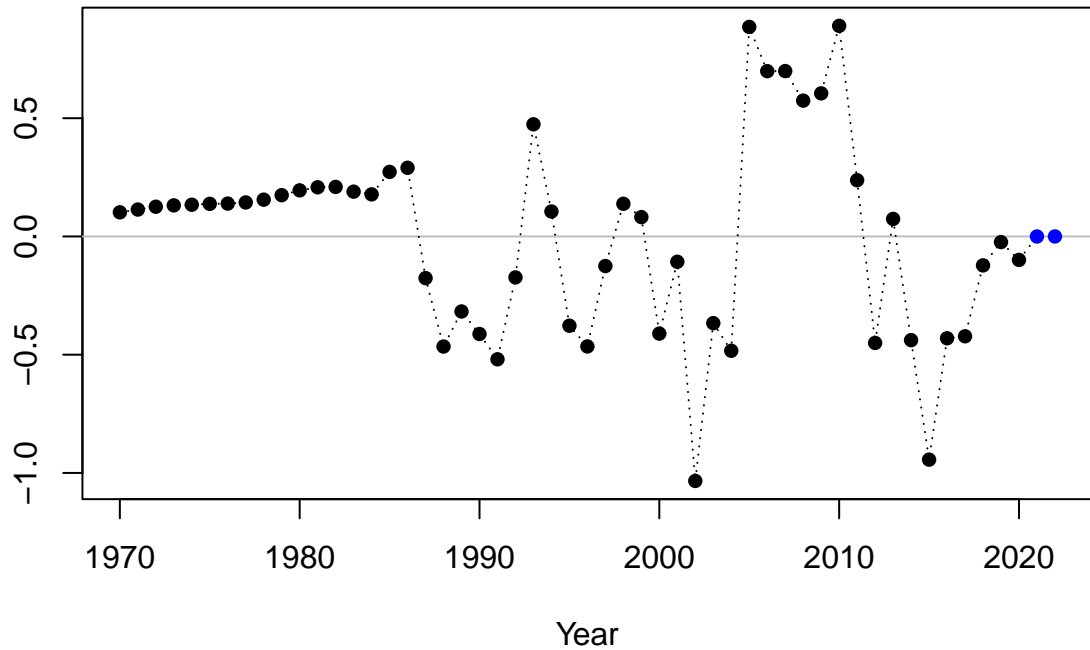


Summary Fishing Mortality

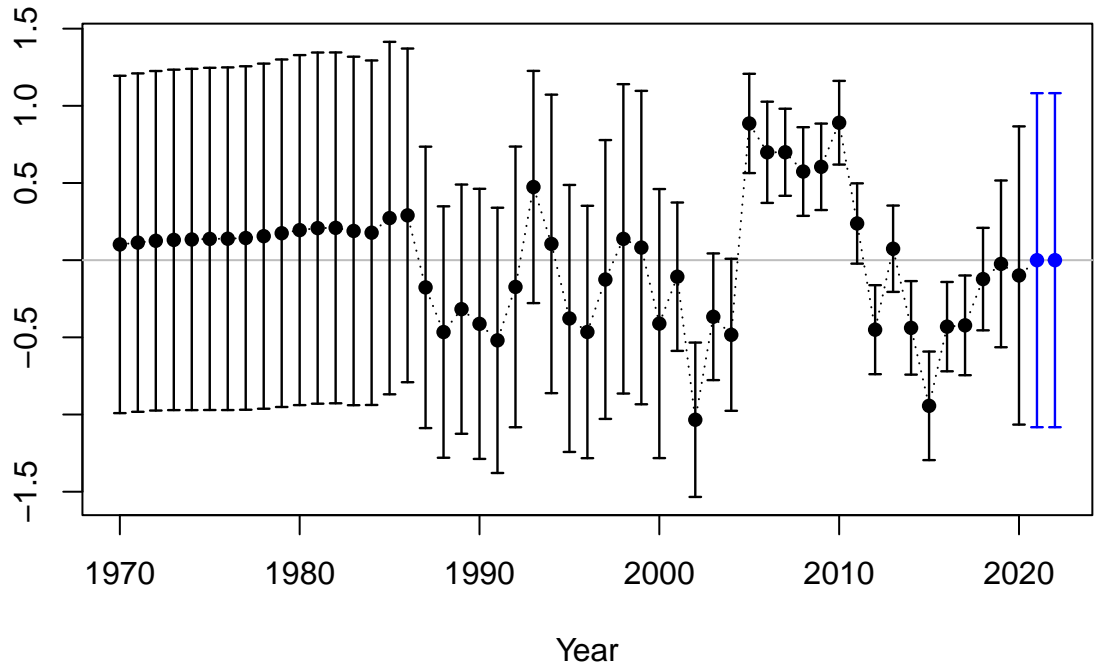




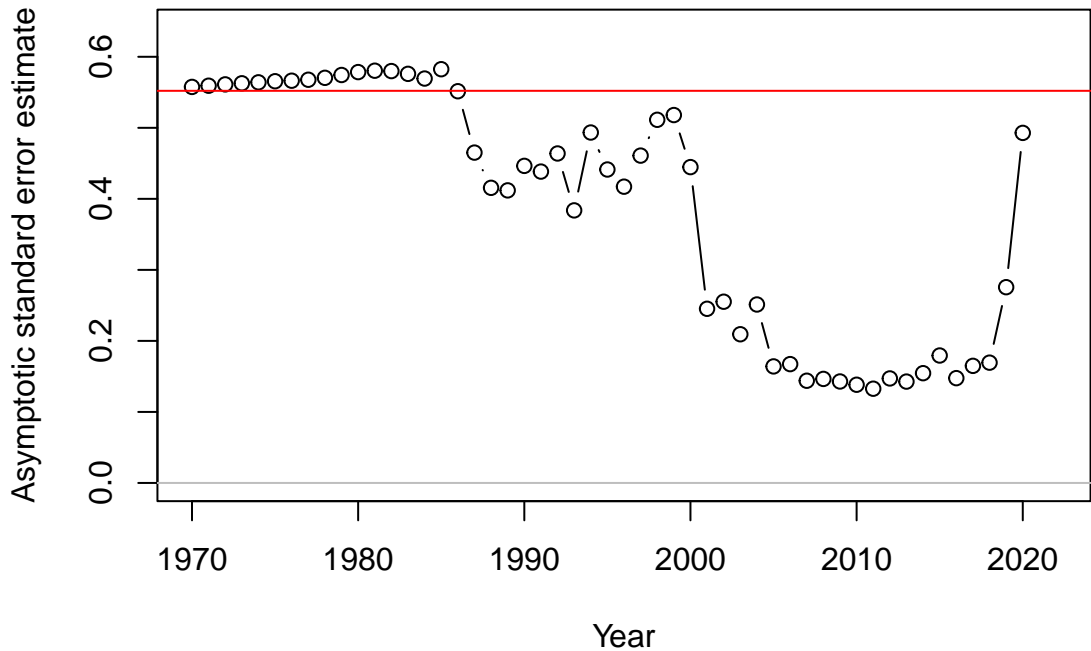
Log recruitment deviation

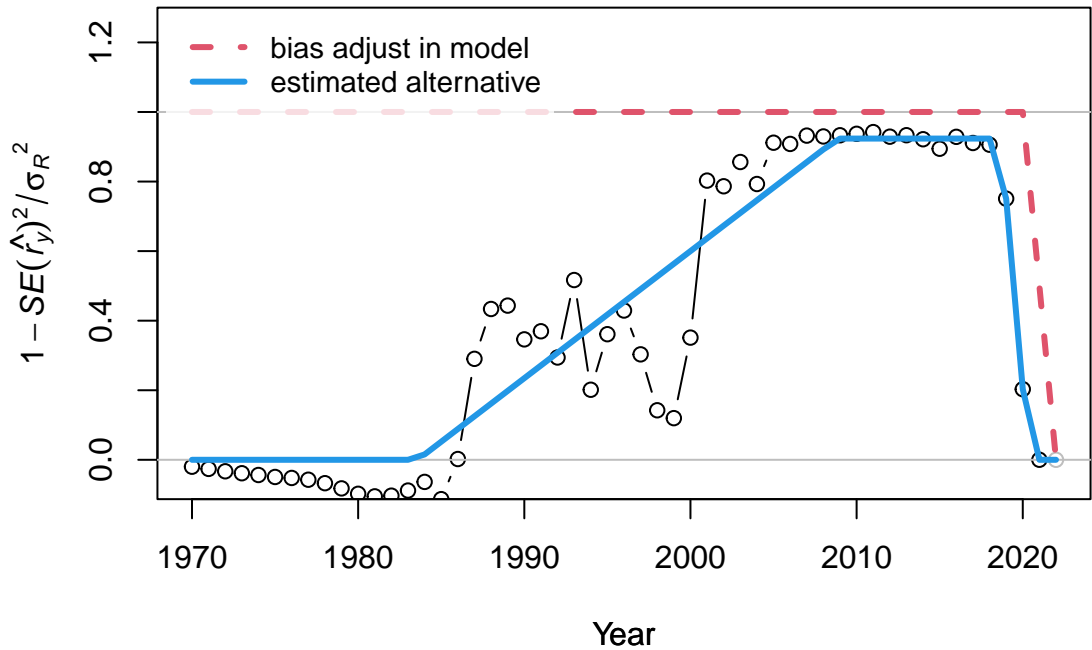


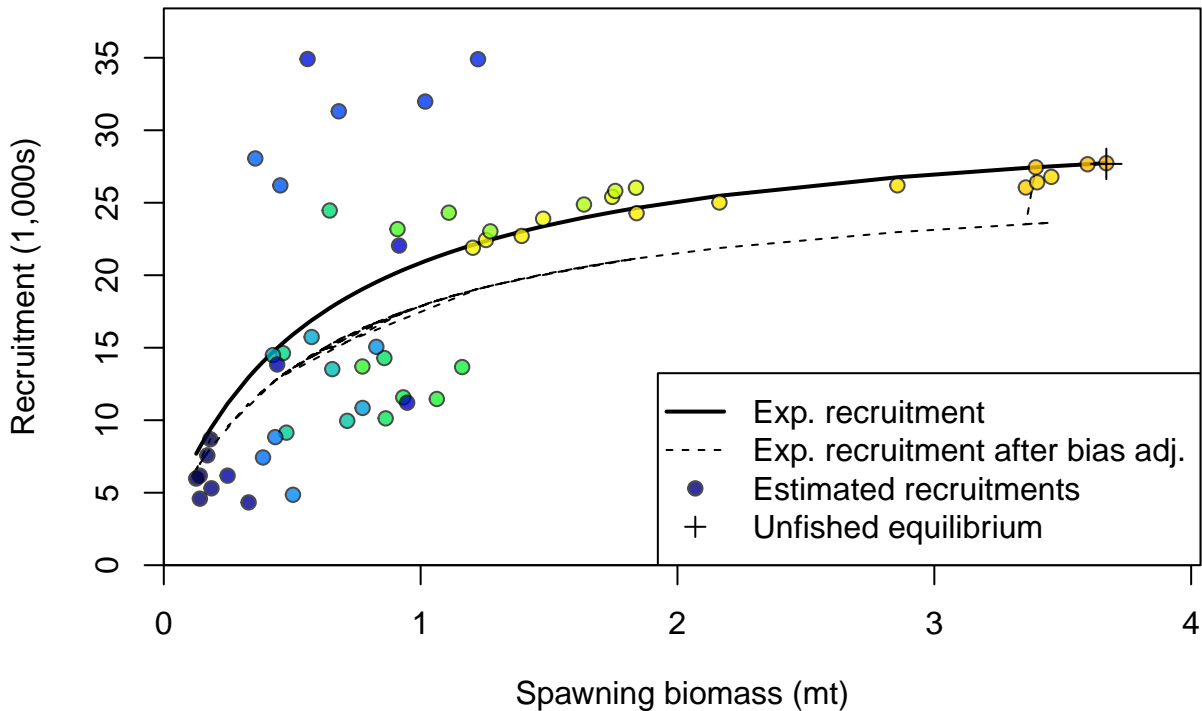
Log recruitment deviation

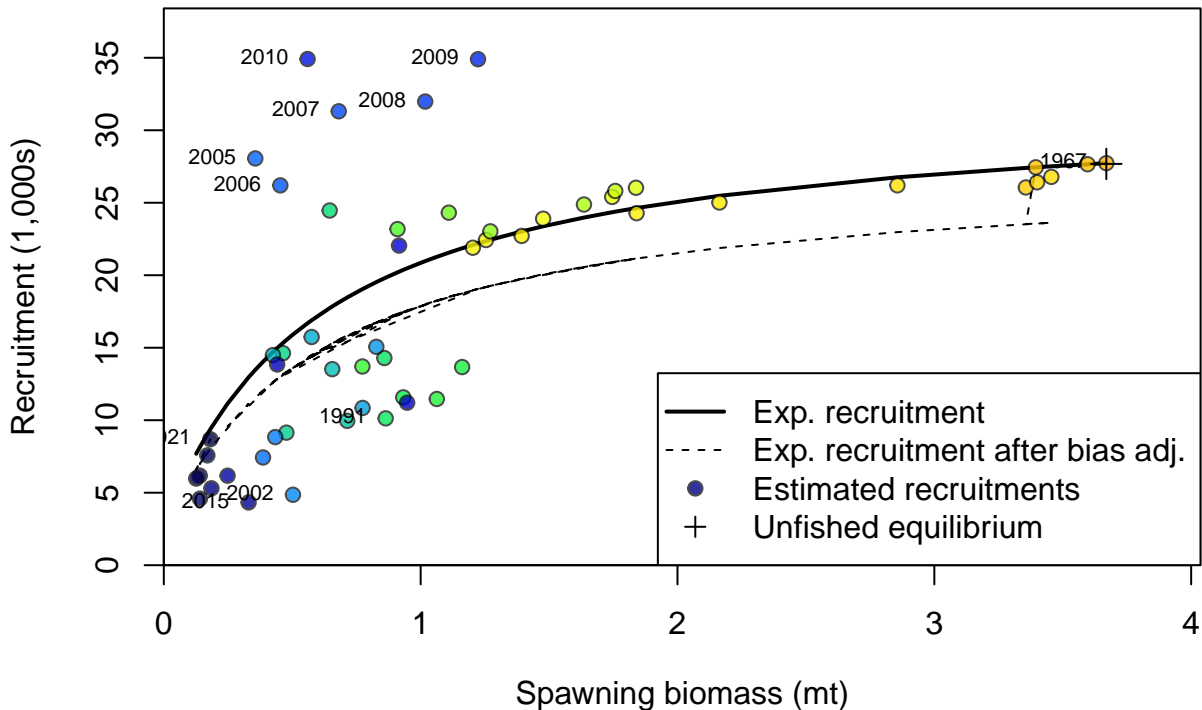


Recruitment deviation variance

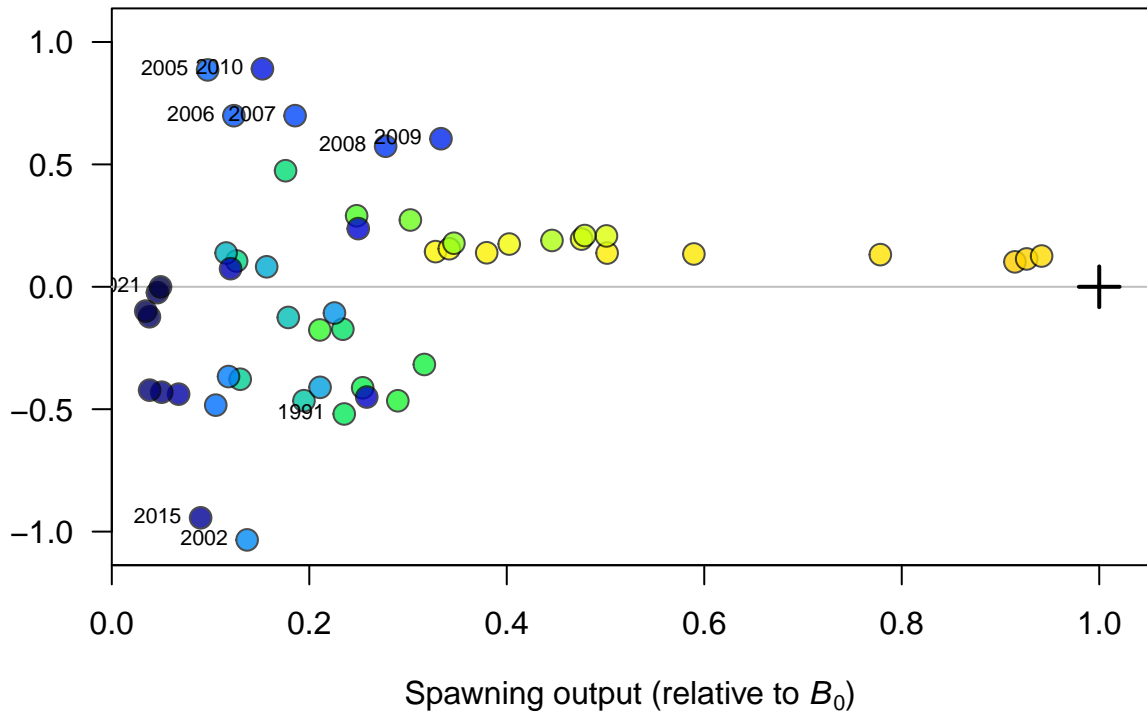


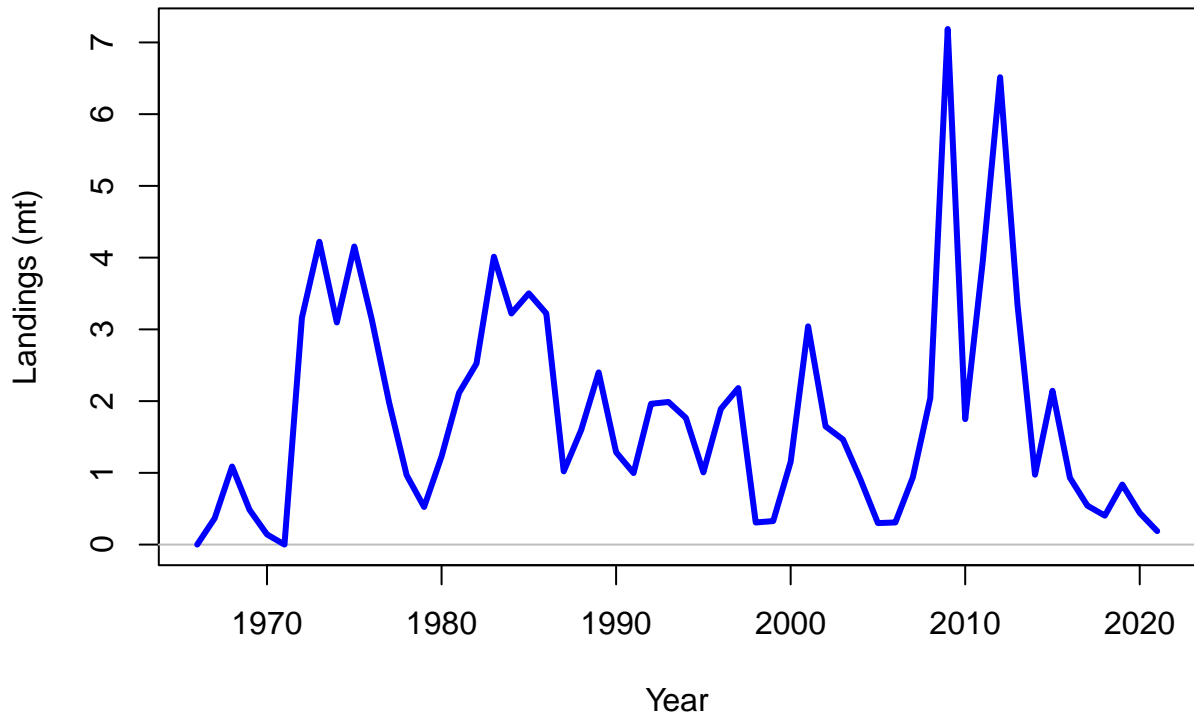


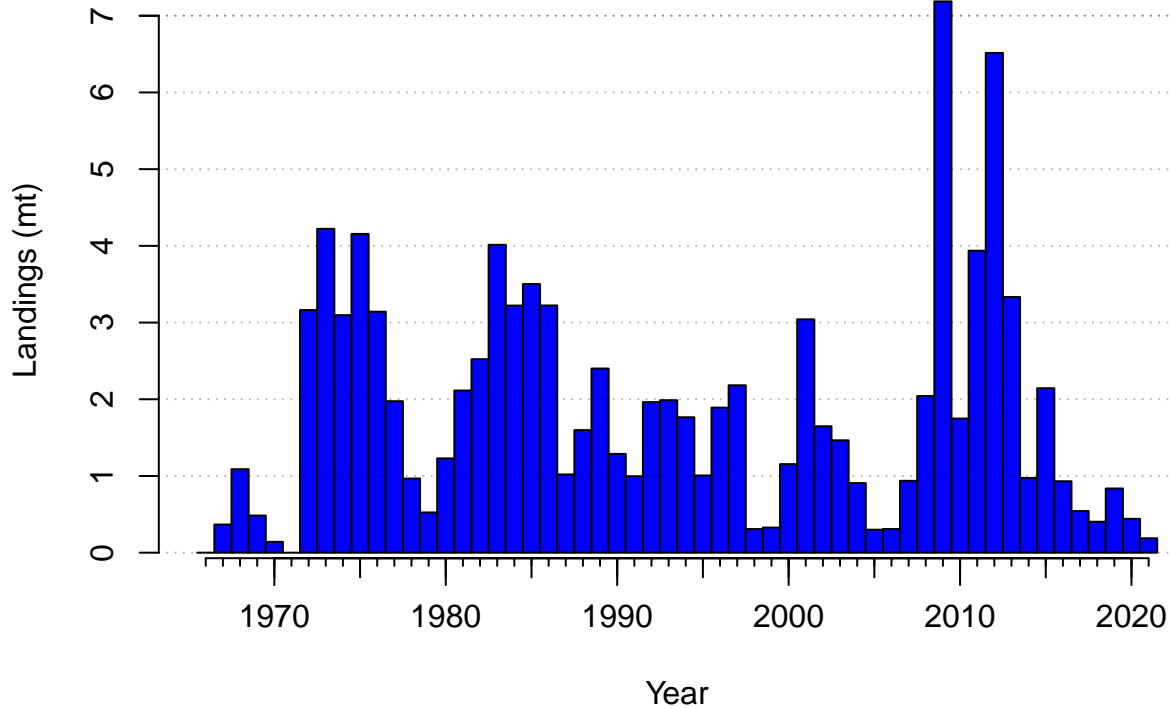


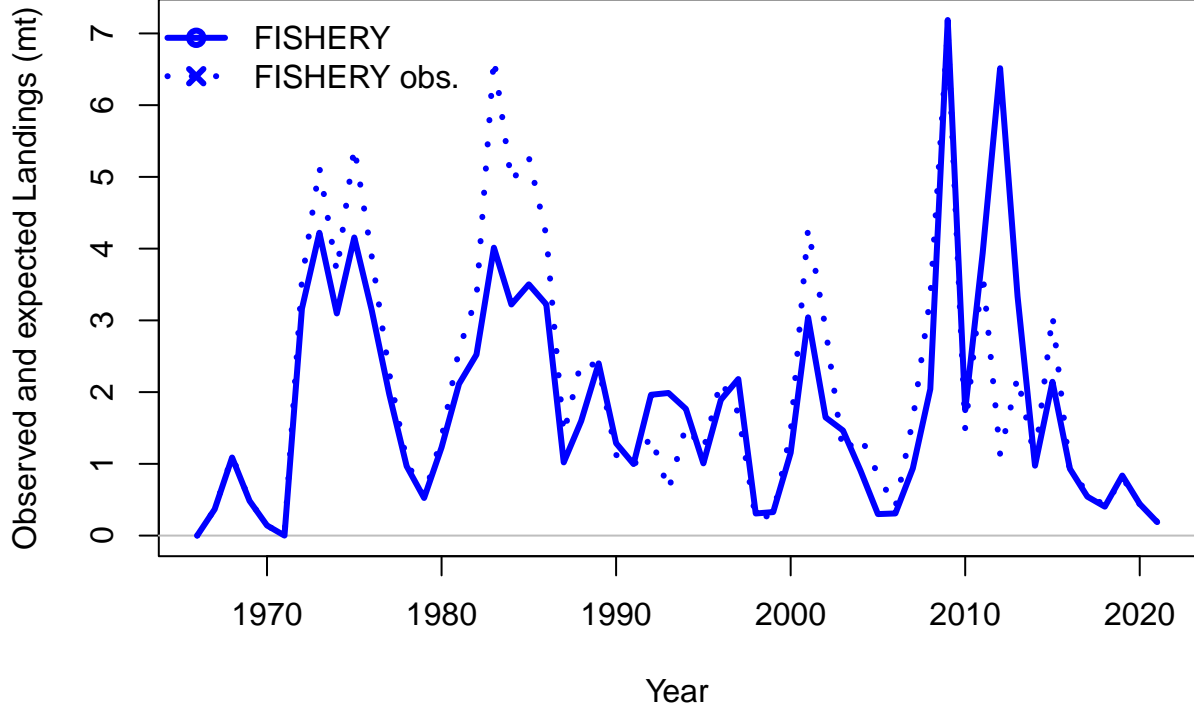


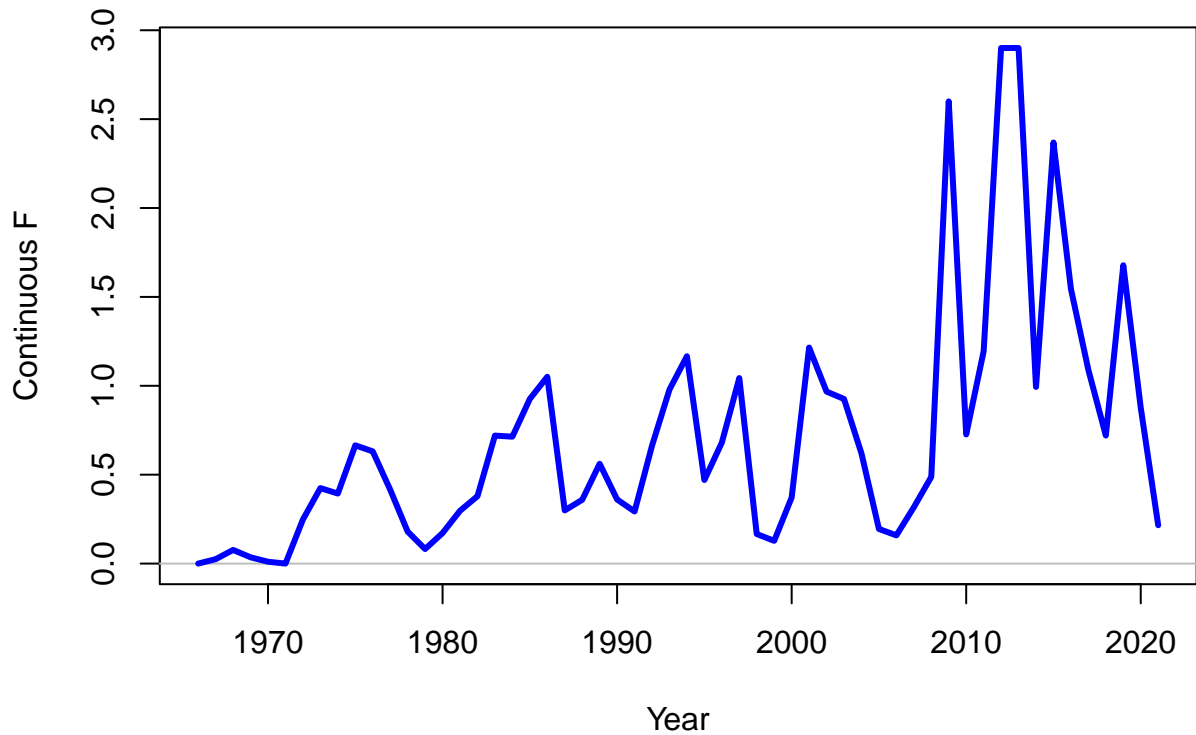
Log recruitment deviation



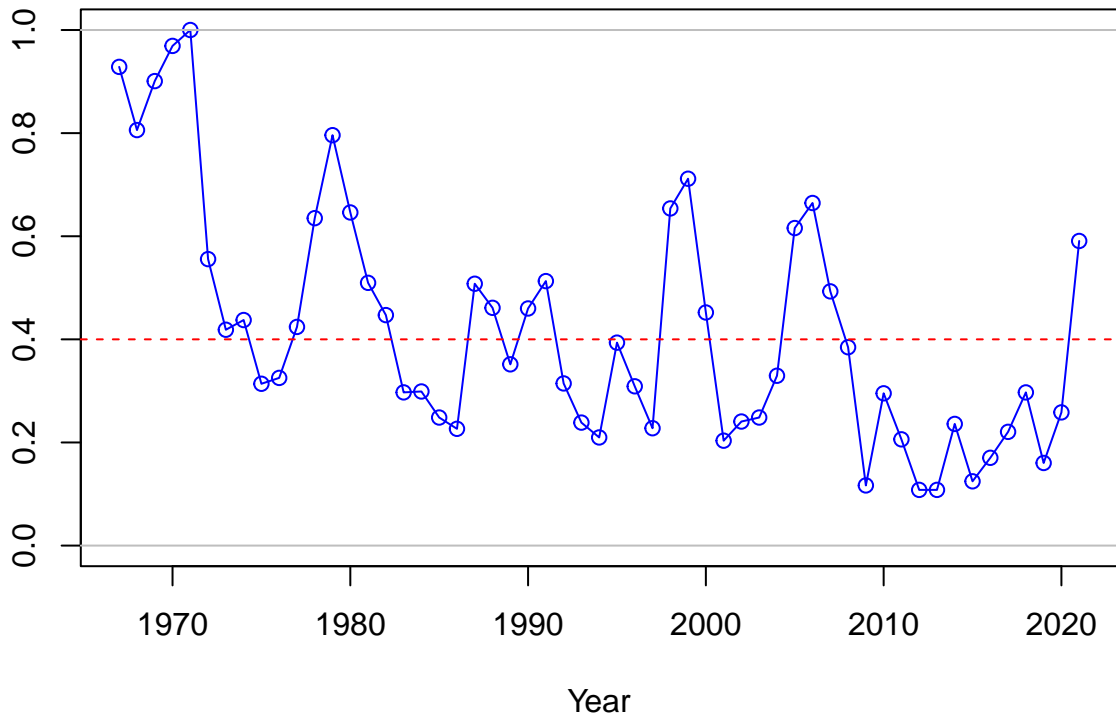




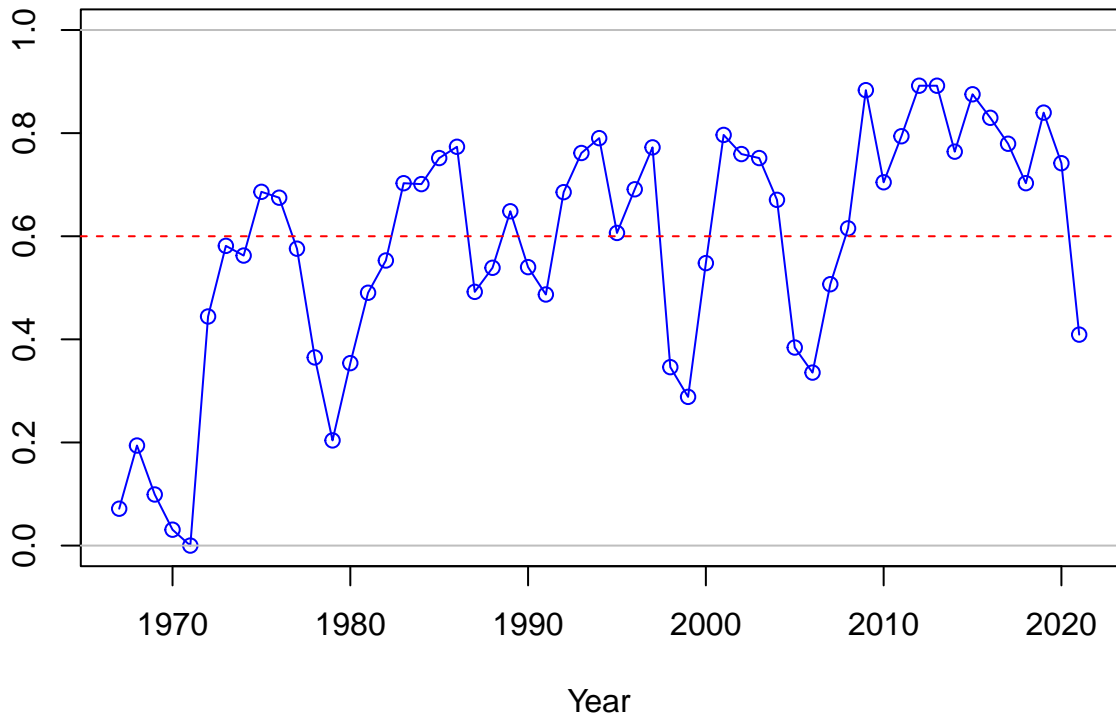




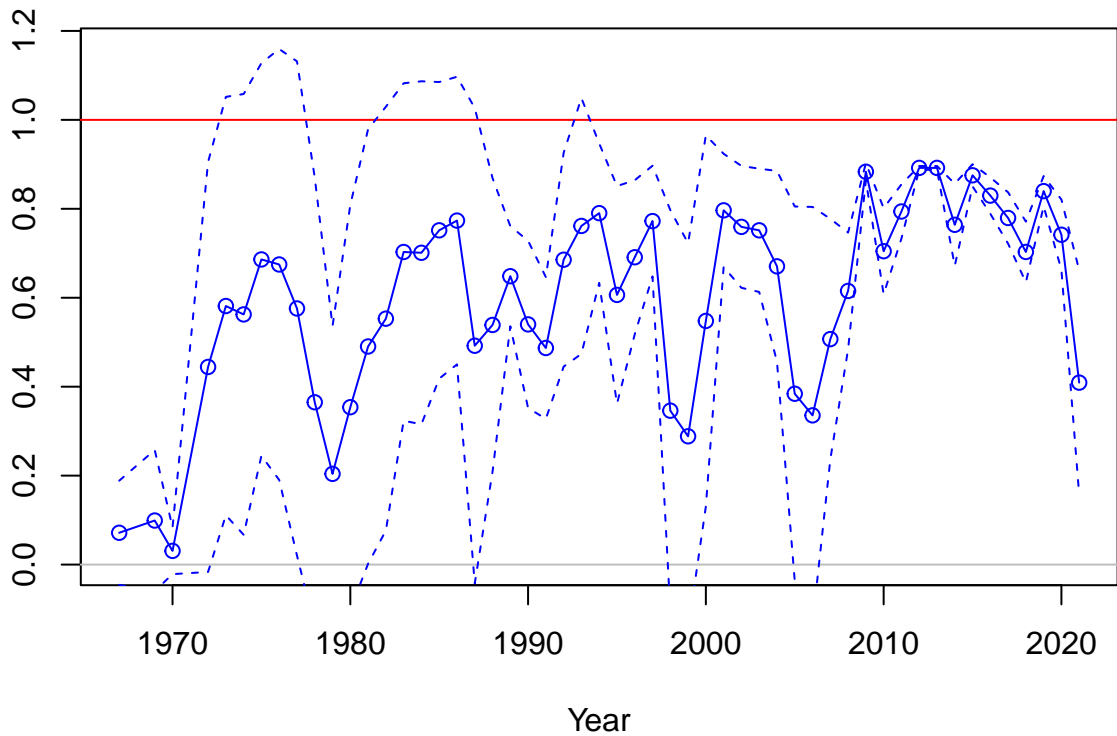
SPR



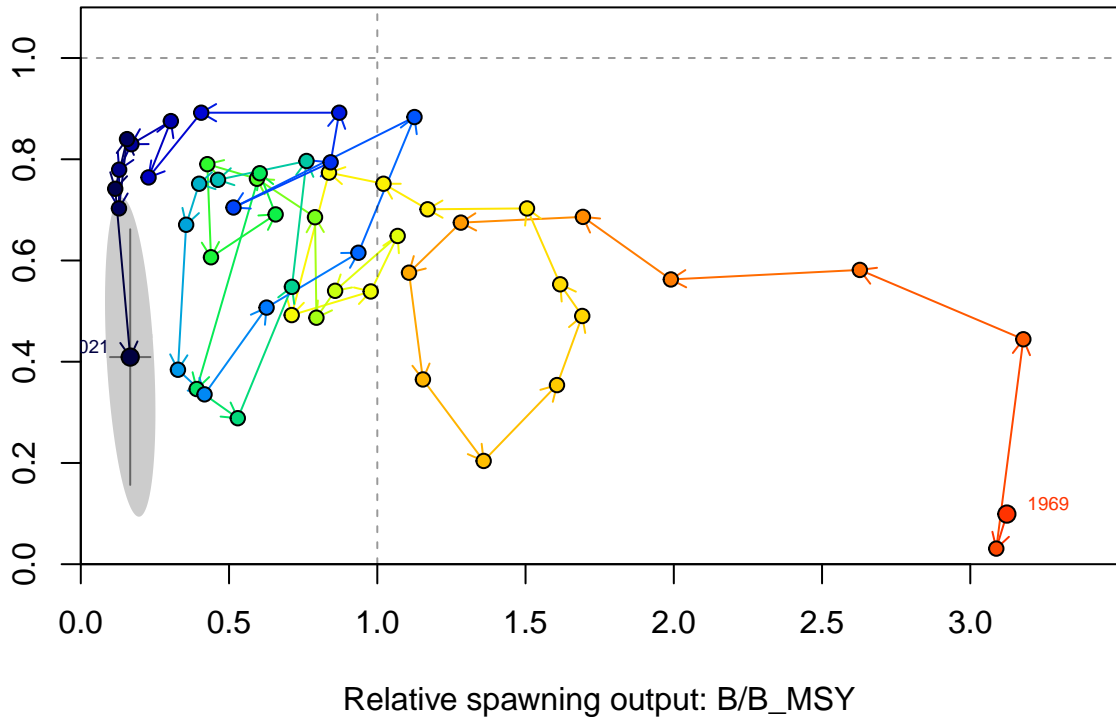
1-SPR



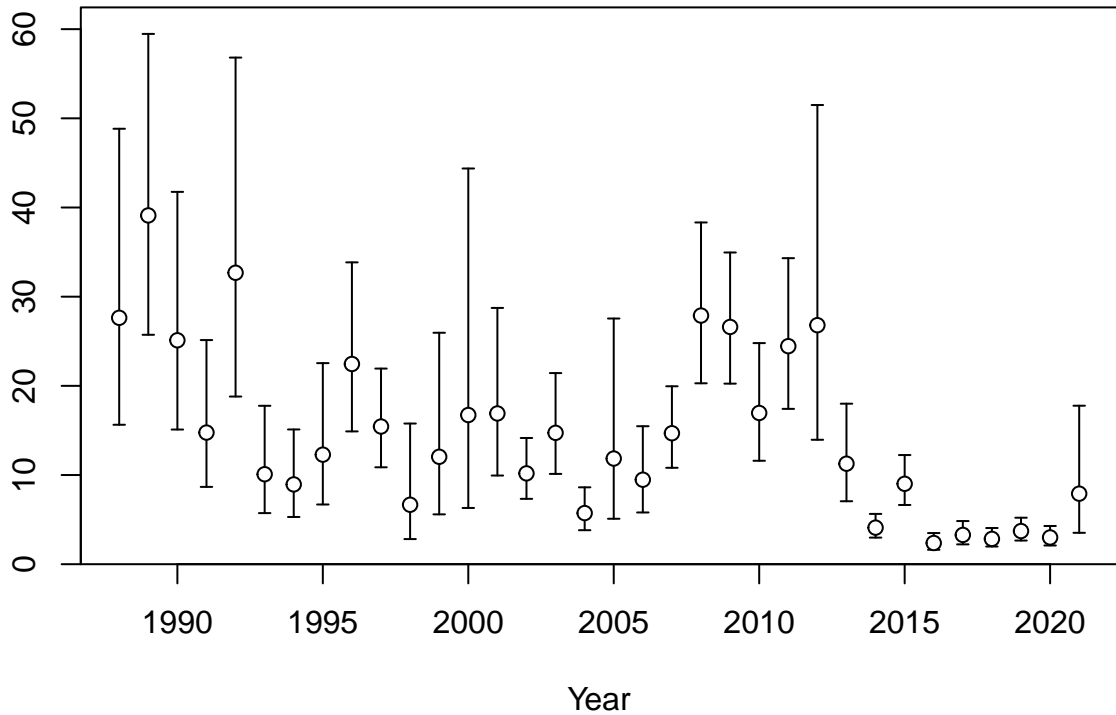
Fishing intensity: 1-SPR



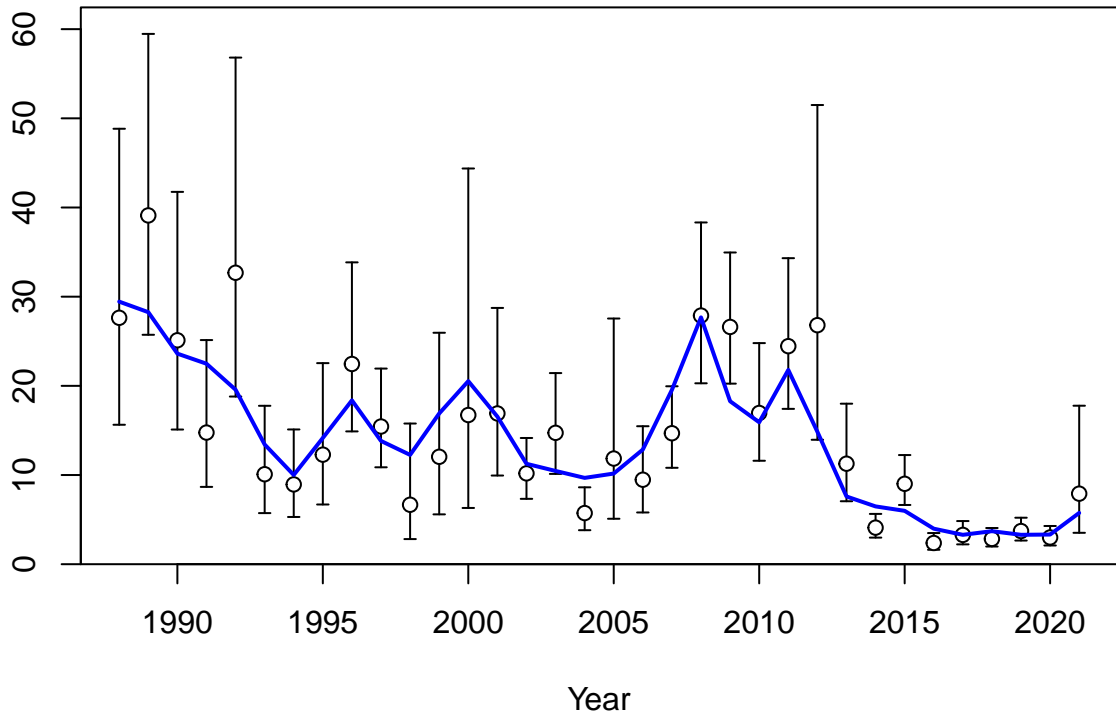
Fishing intensity: 1-SPR

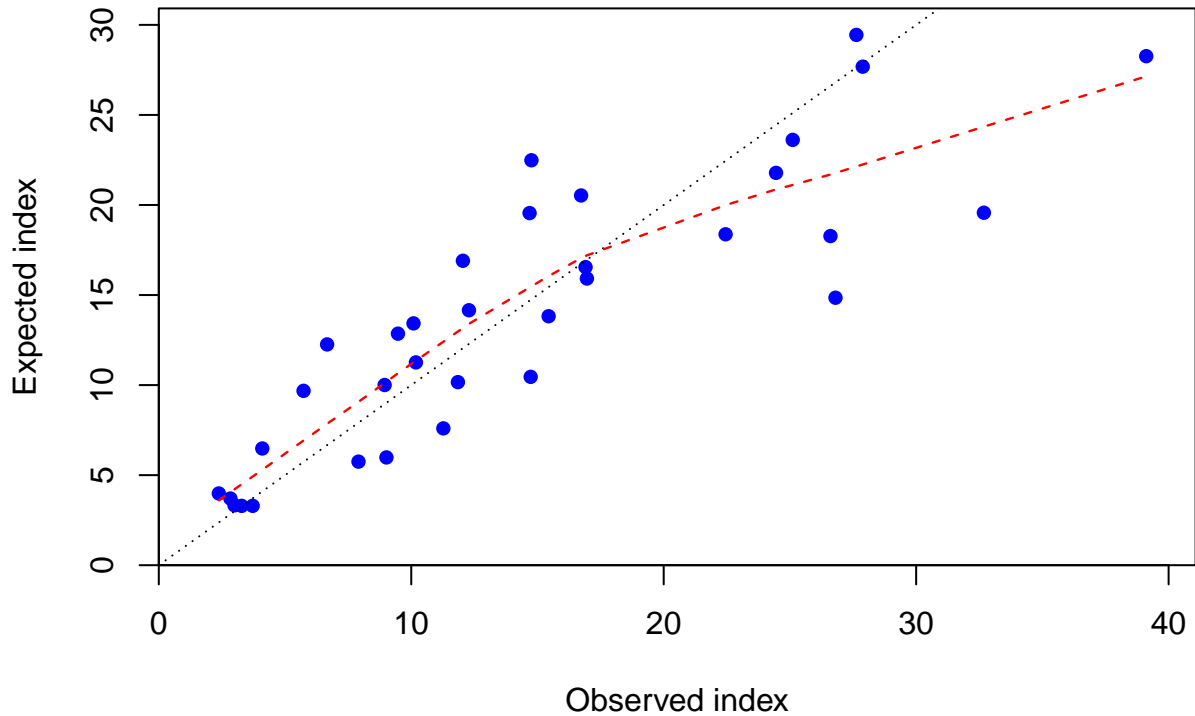


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Log index

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3
2
1

1990

1995

2000

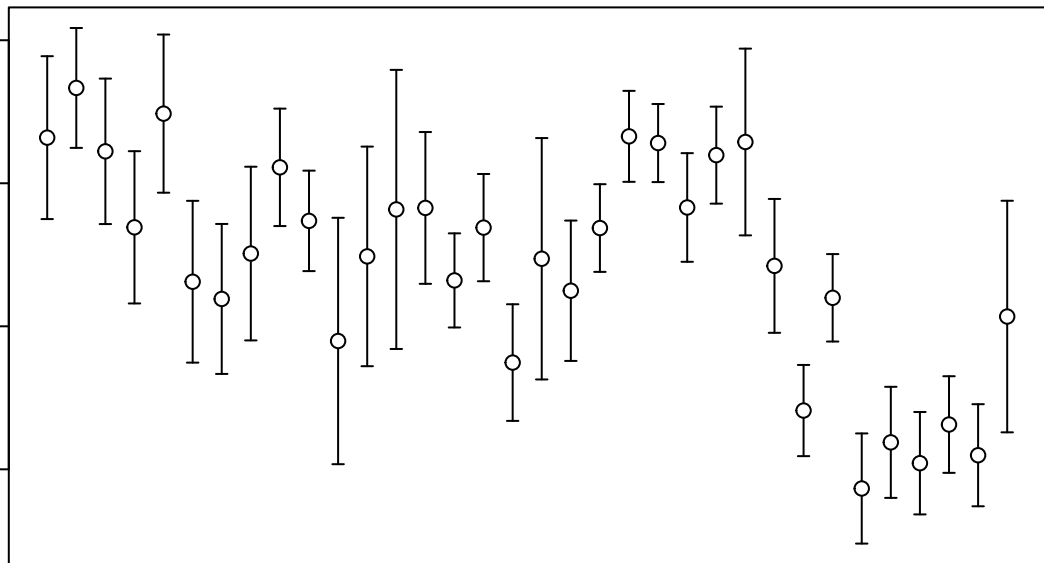
2005

2010

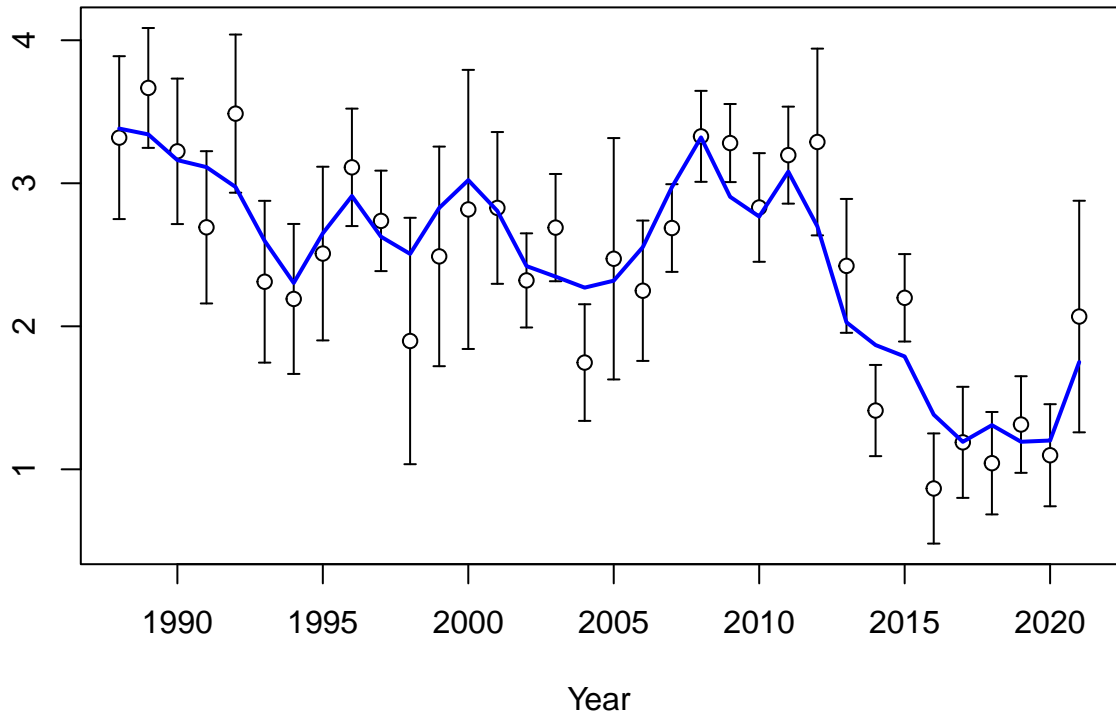
2015

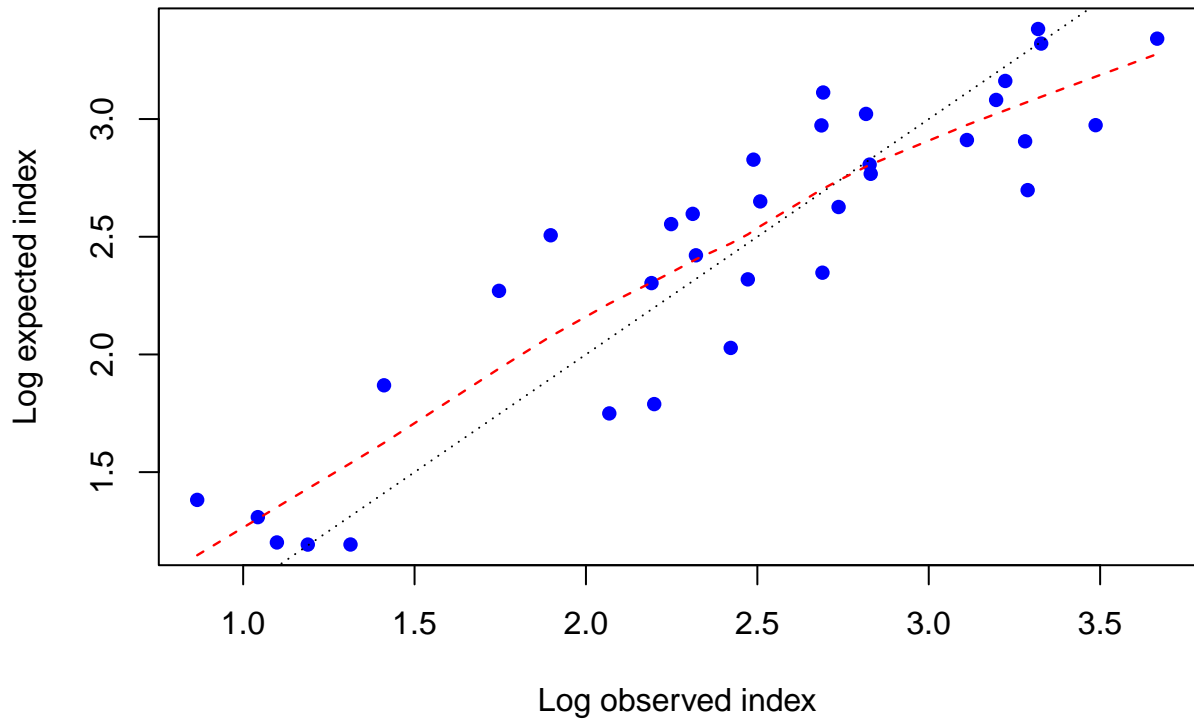
2020

Year



Log index





Effective catchability

6.610428
6.610424
6.610420

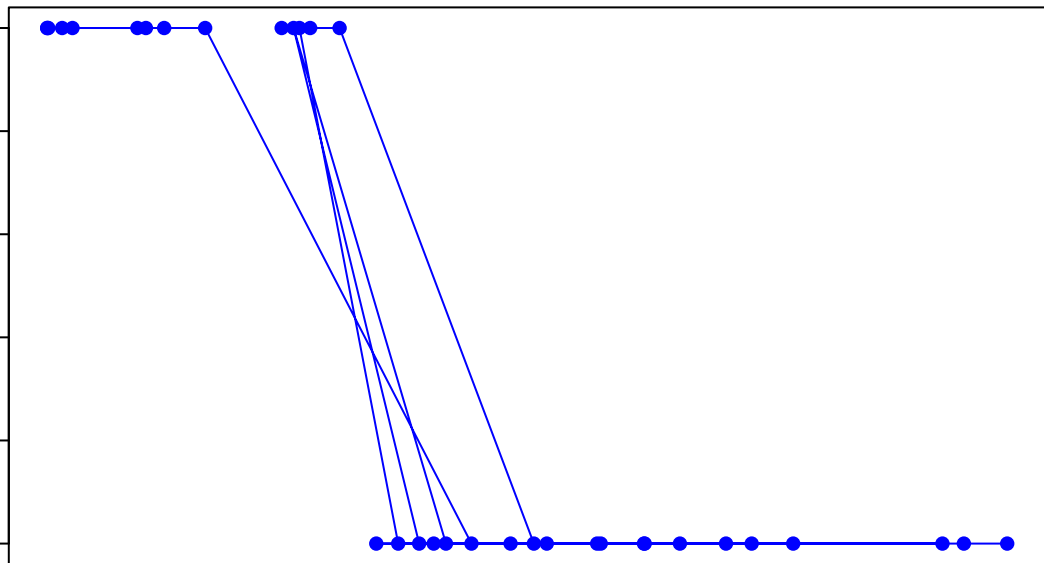
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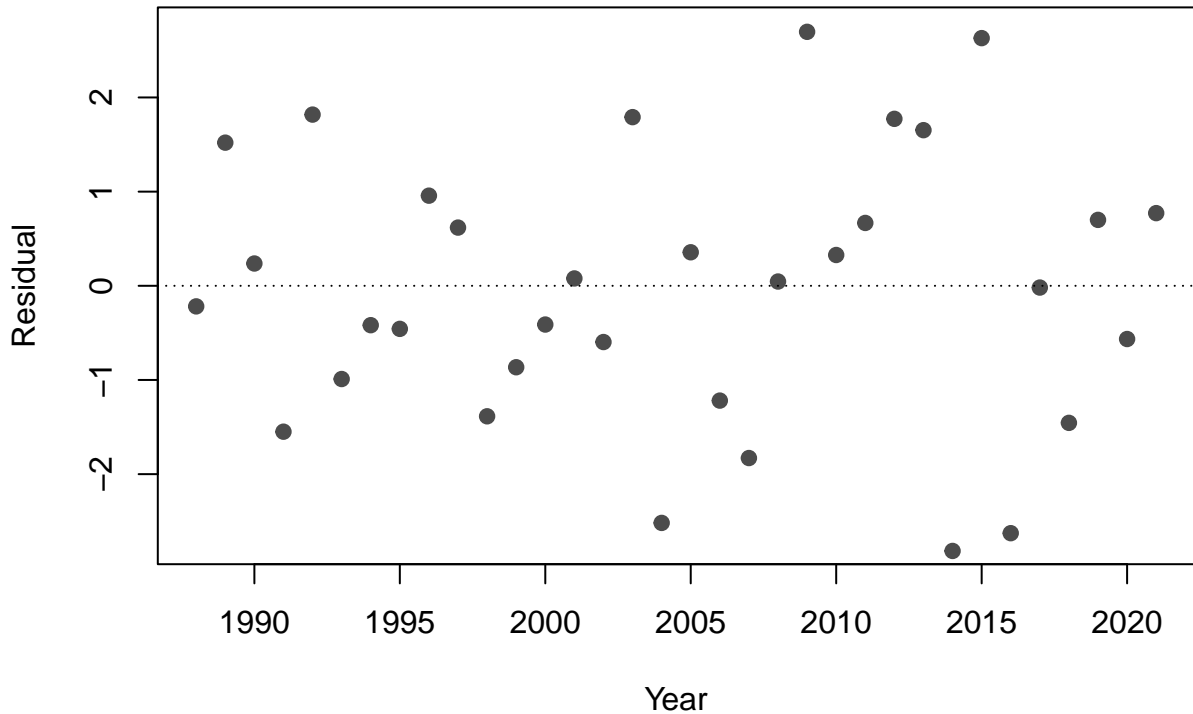
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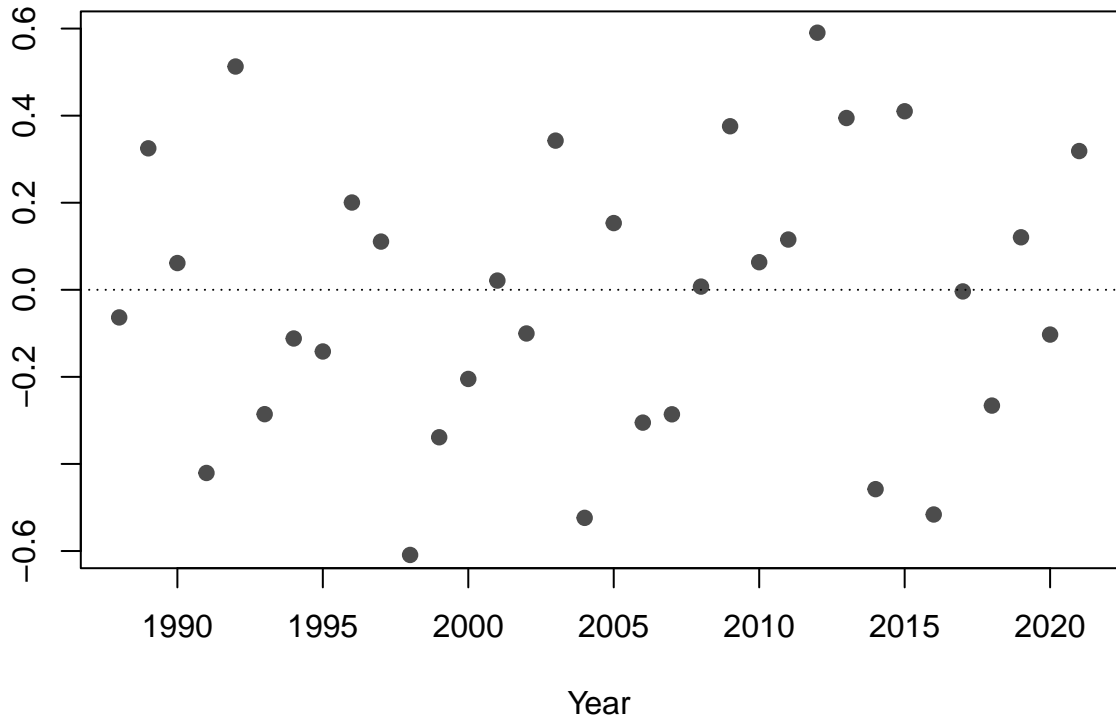
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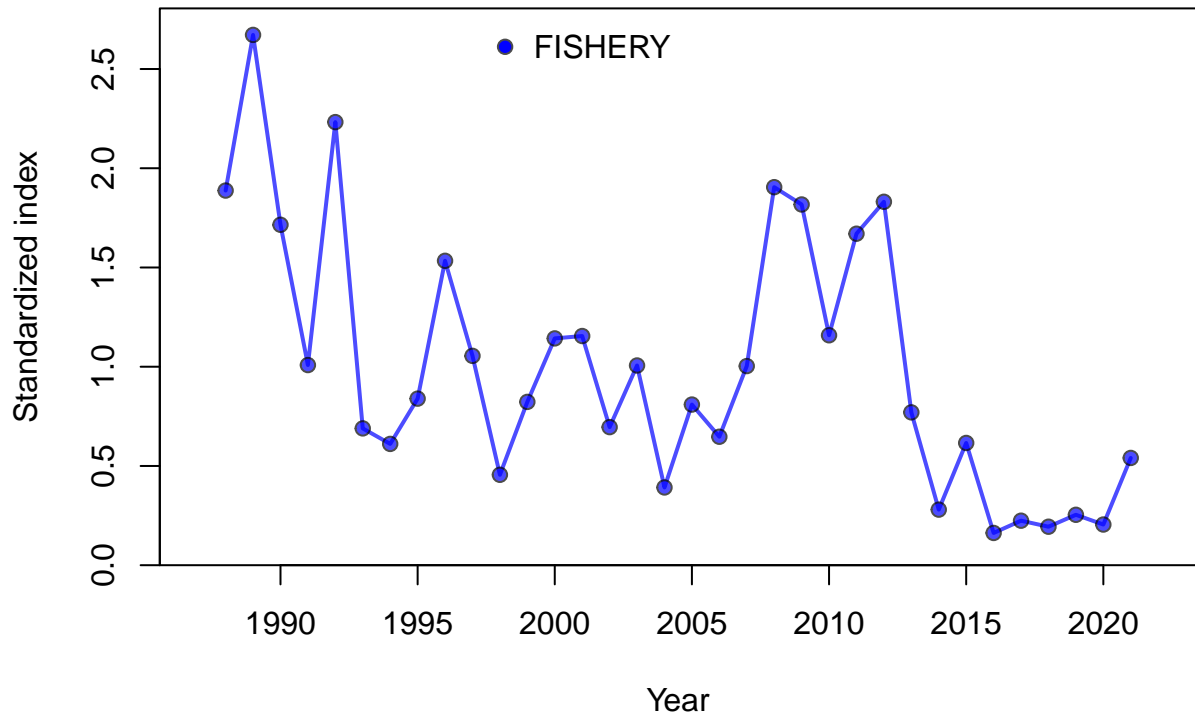
Vulnerable biomass



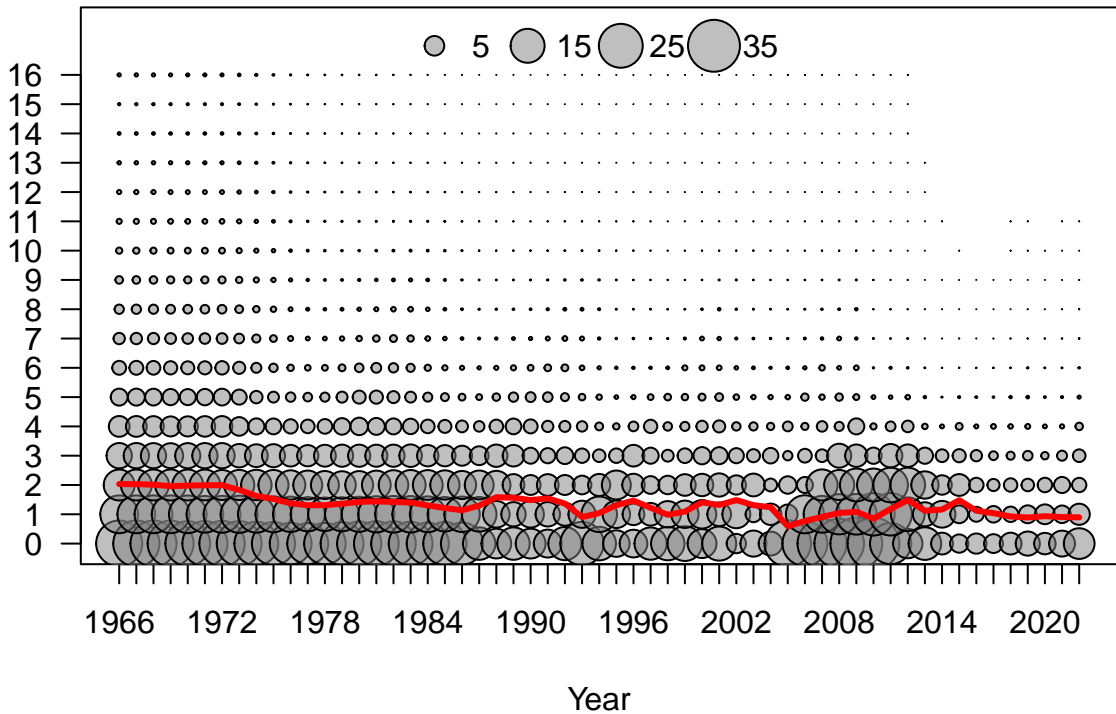


Deviation

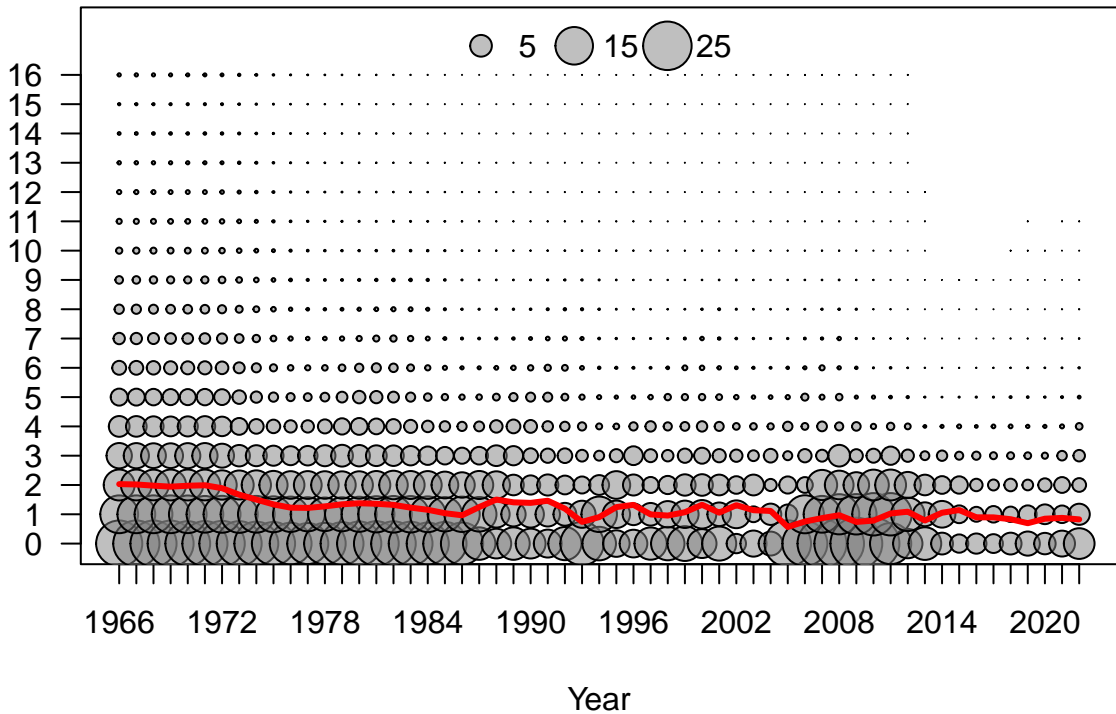


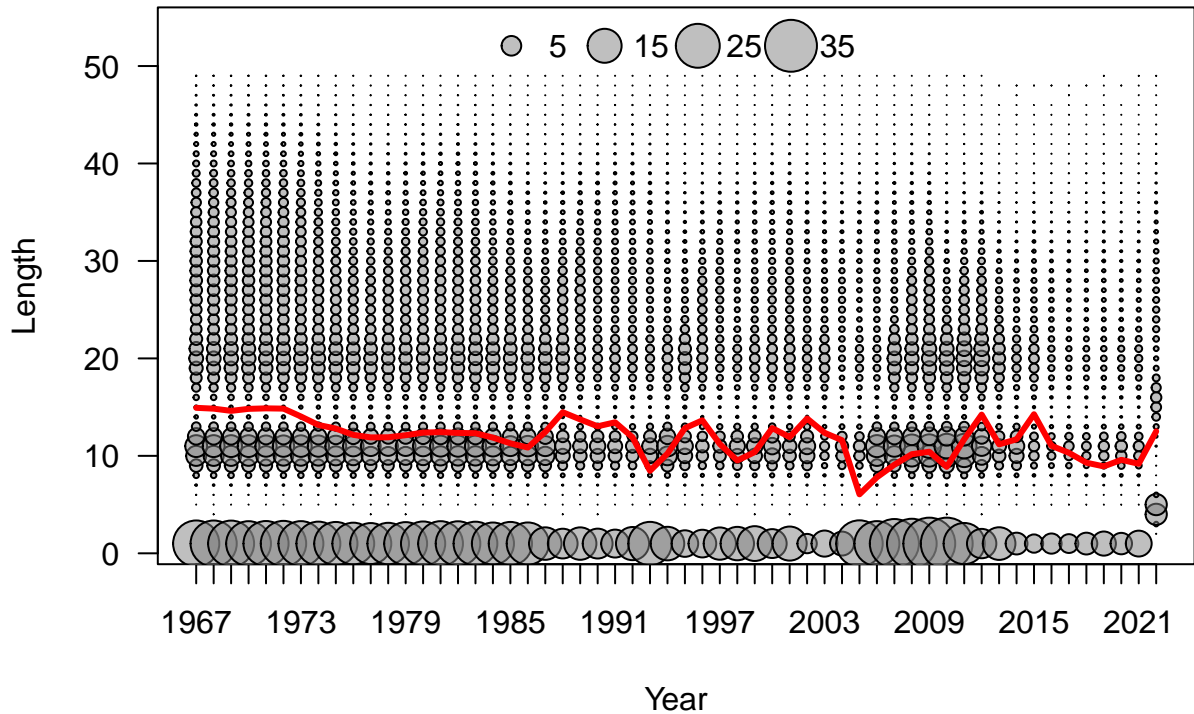


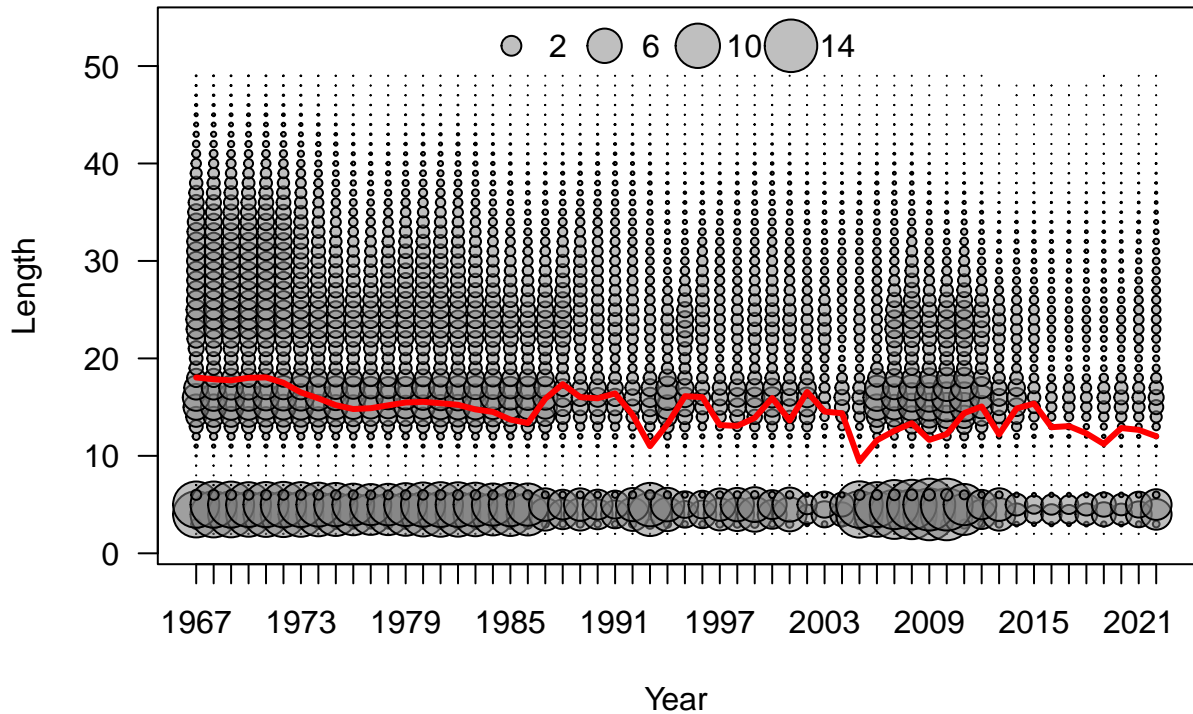
Age

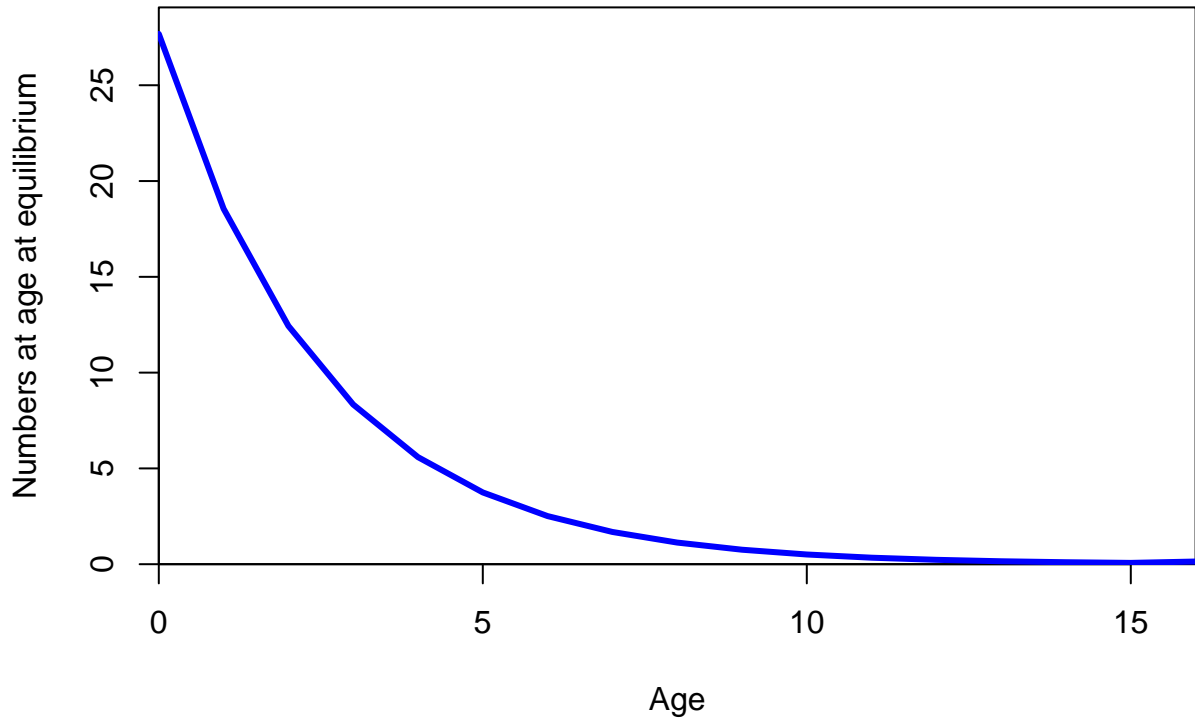


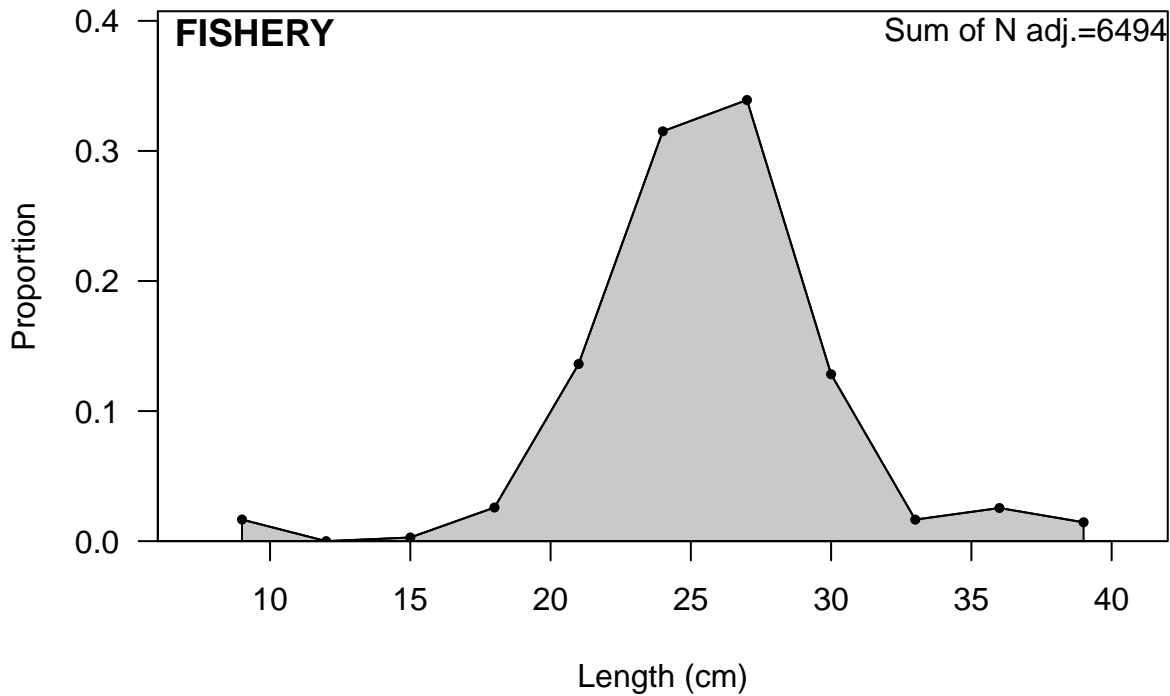
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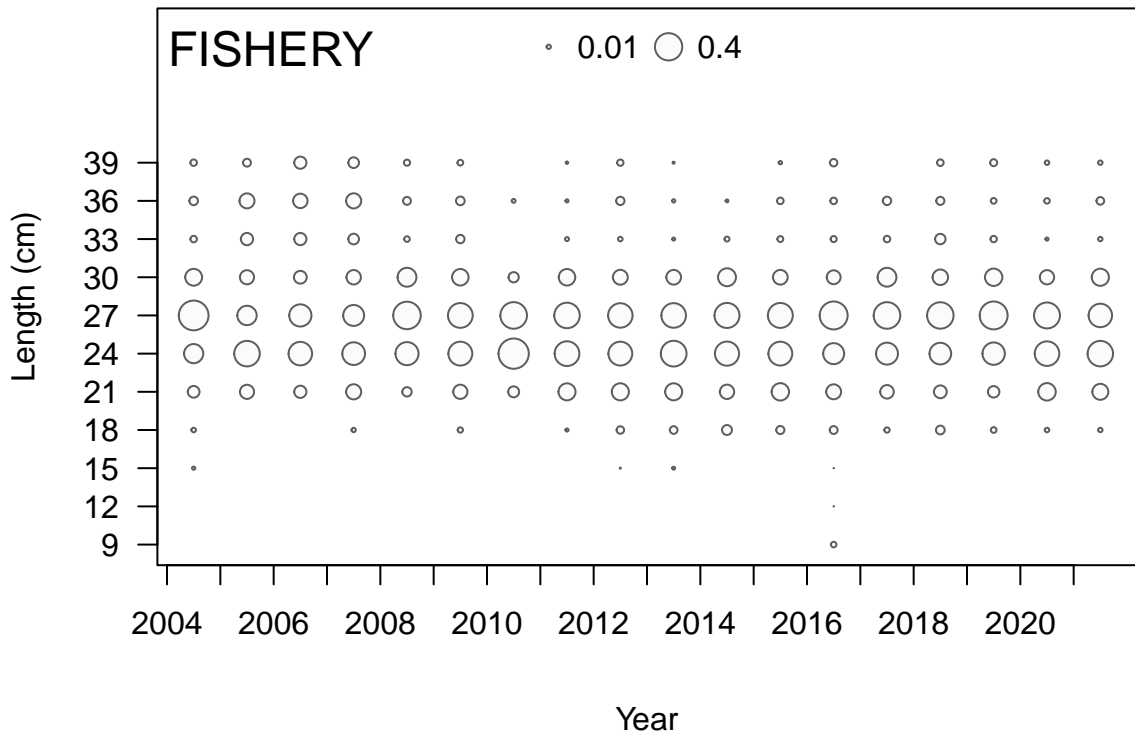




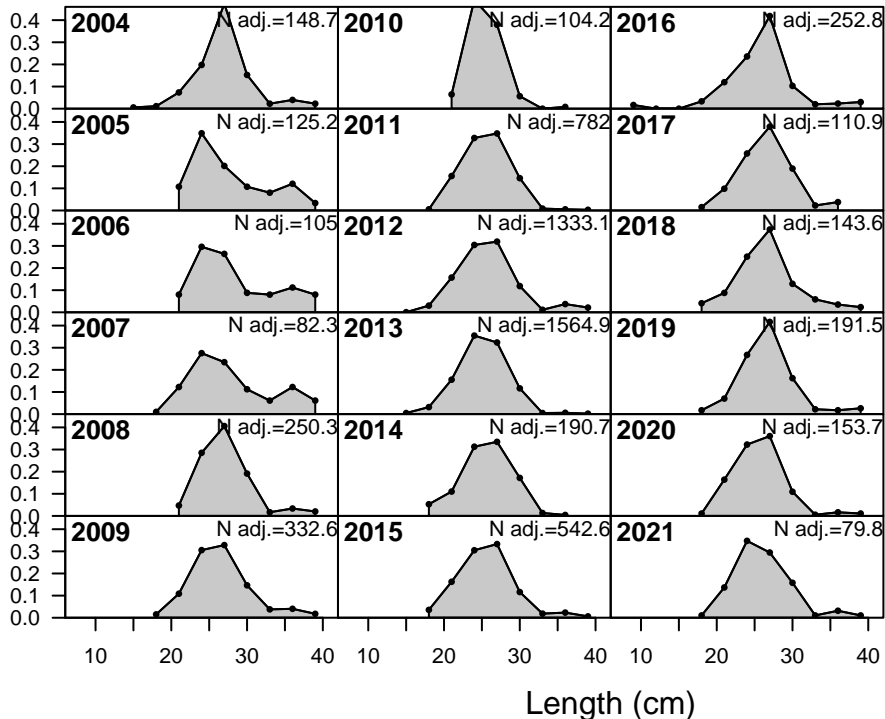


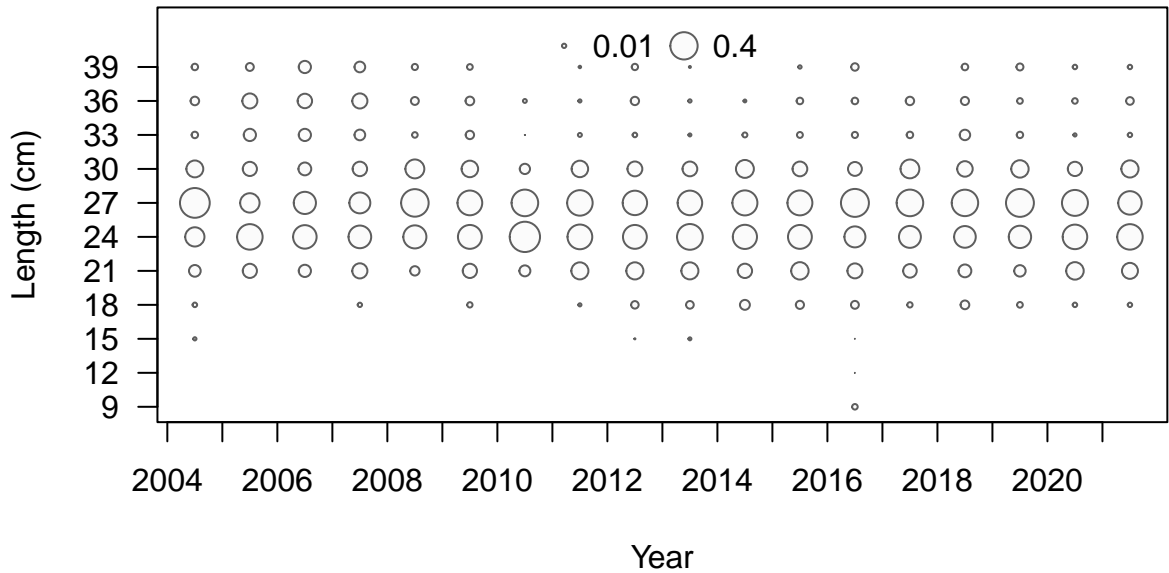




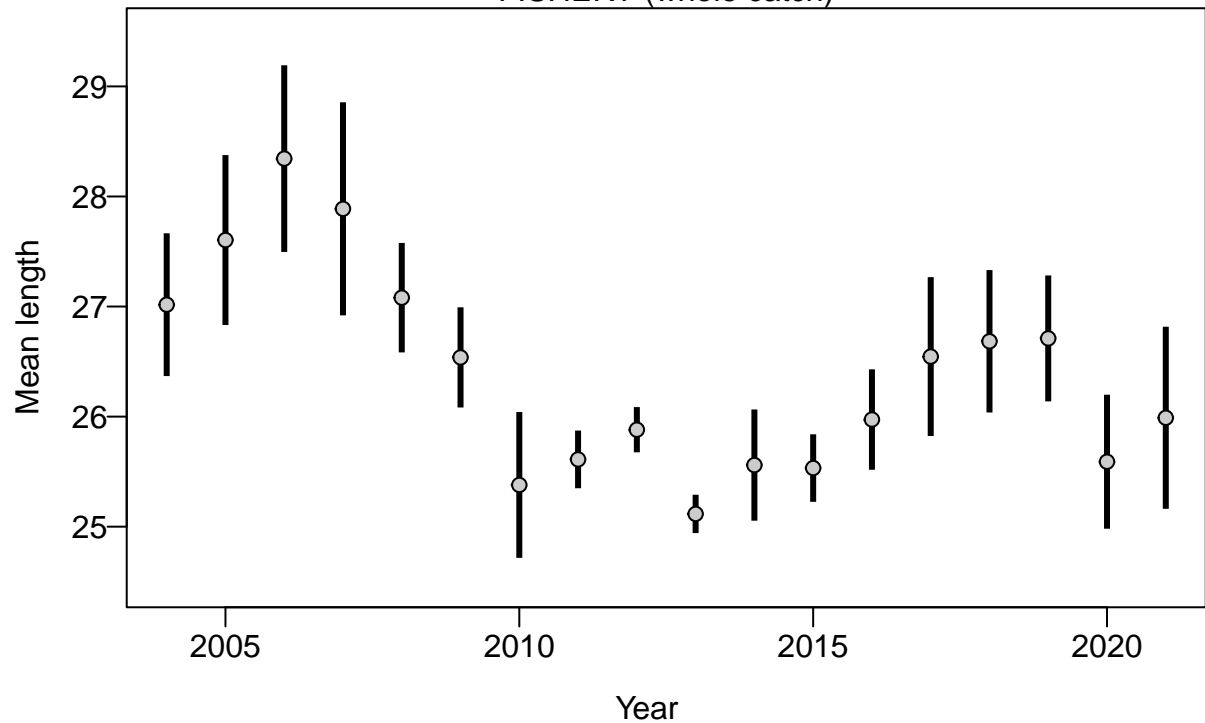


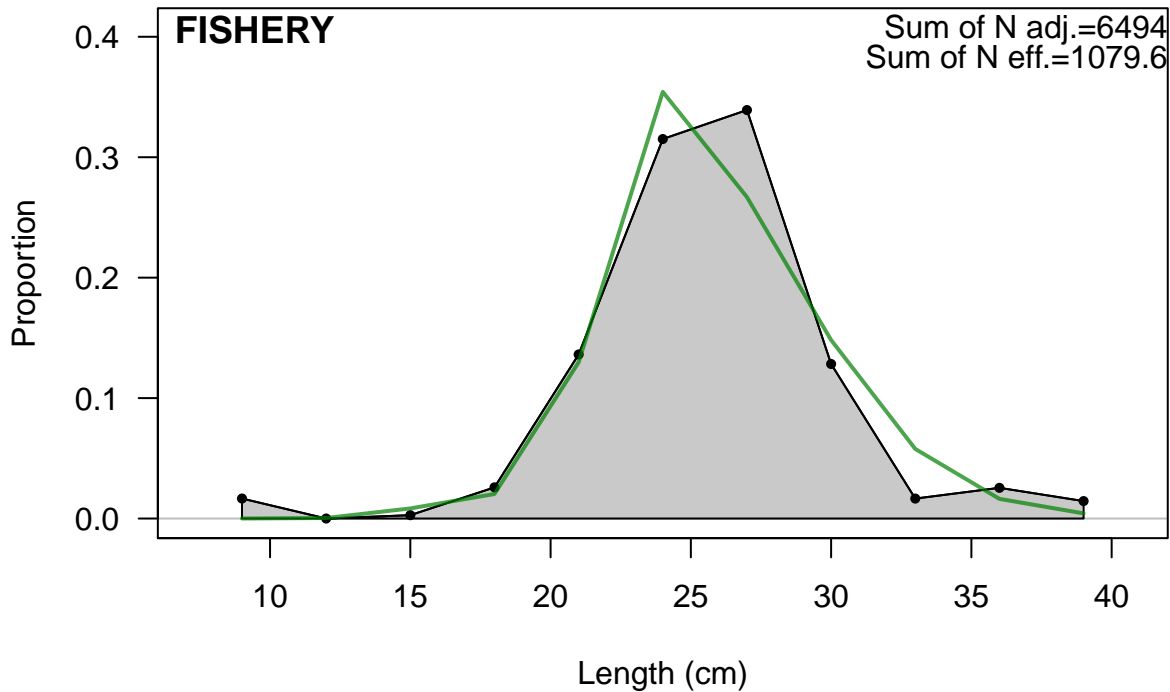
Proportion

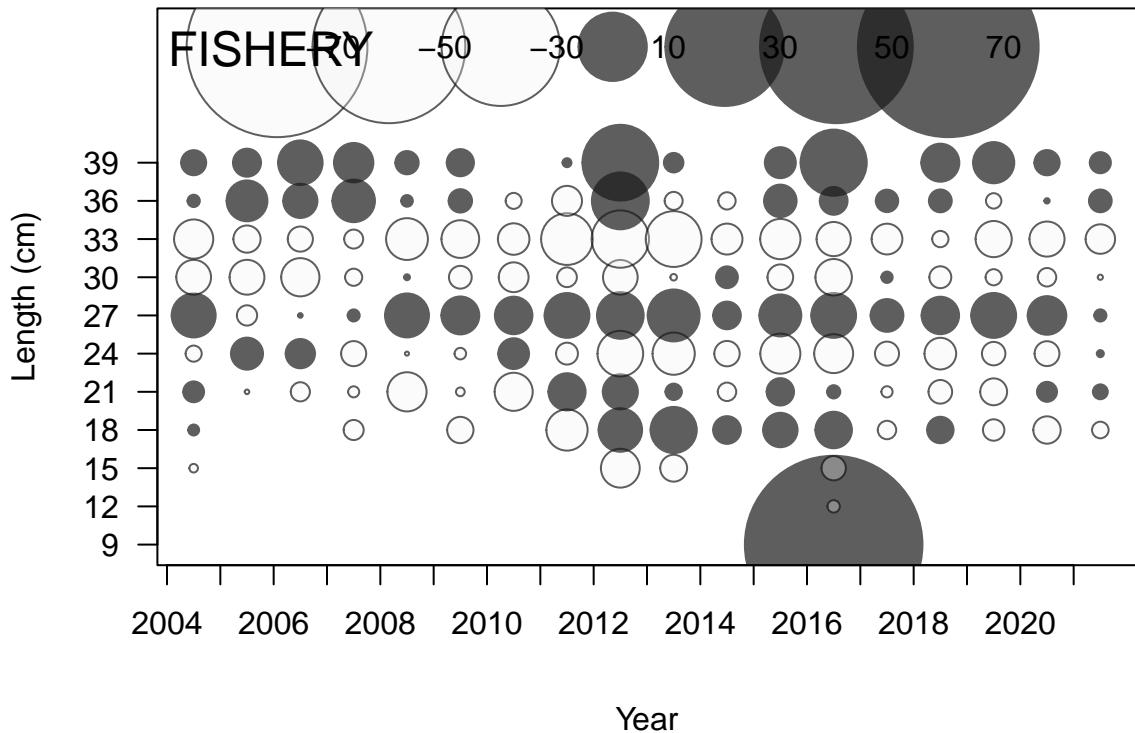




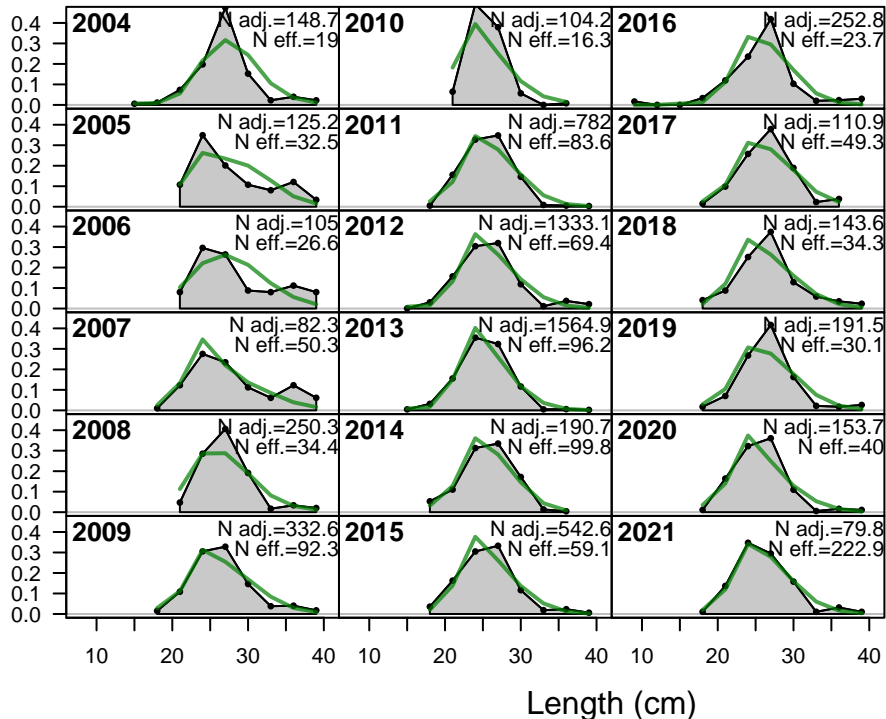
FISHERY (whole catch)



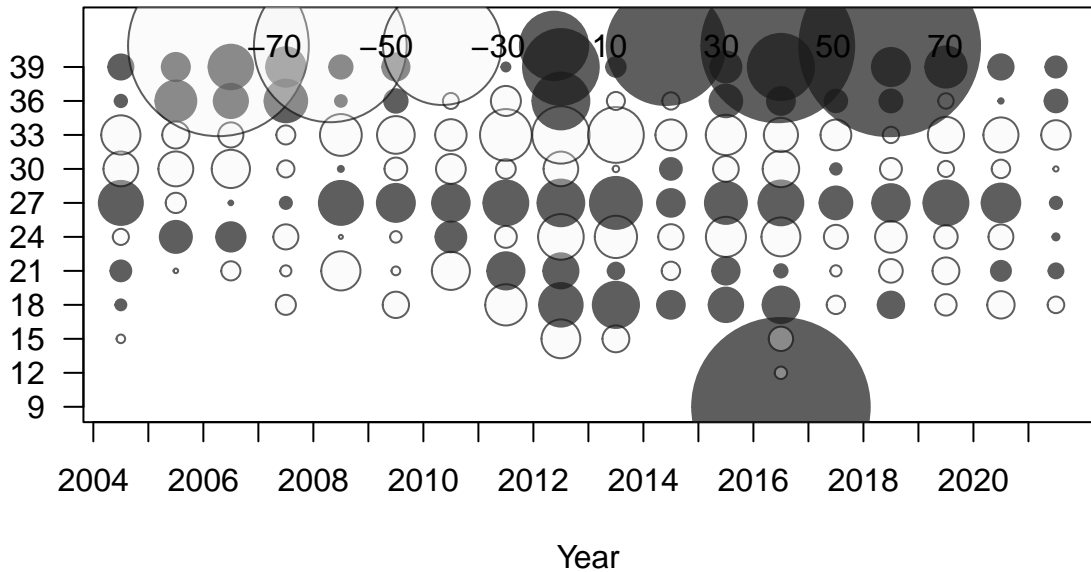




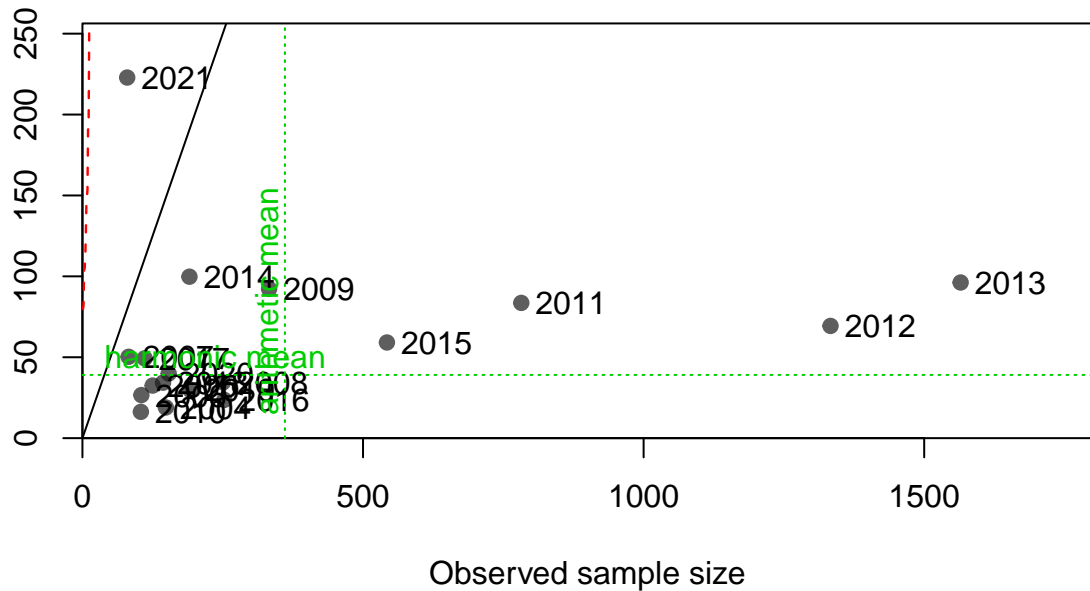
Proportion



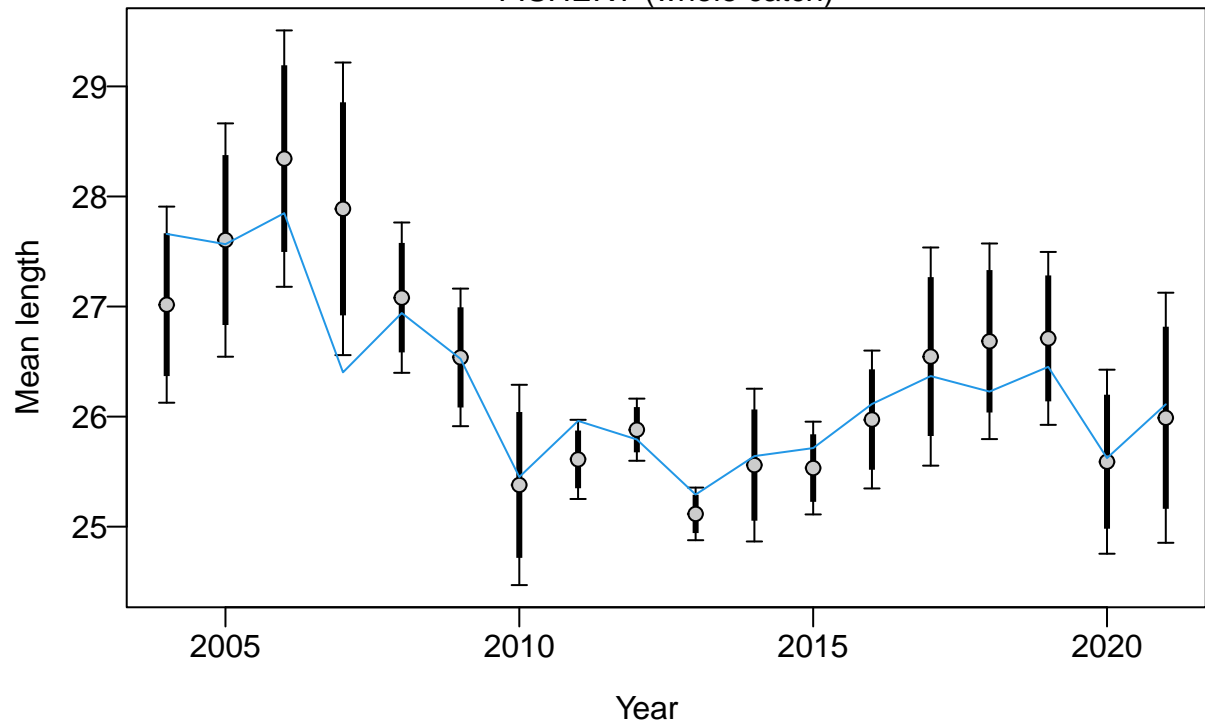
Length (cm)

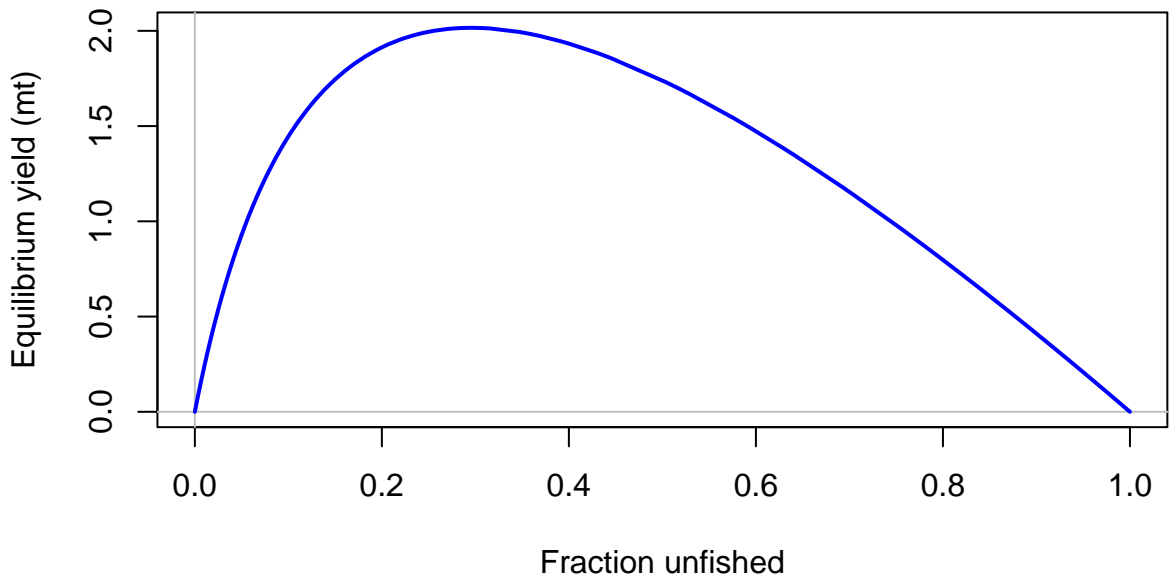


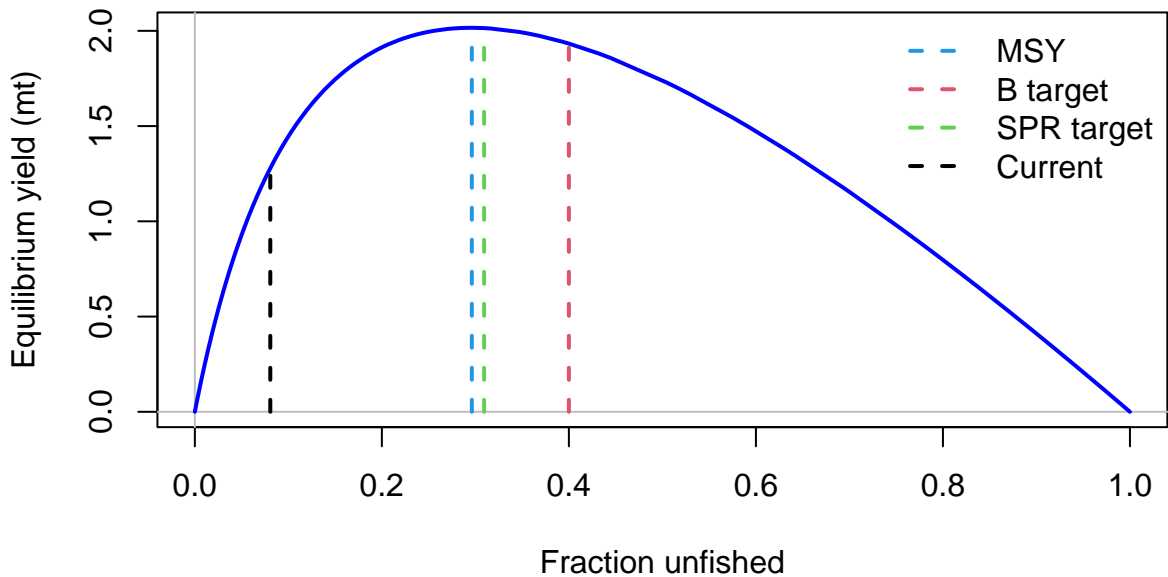
Effective sample size



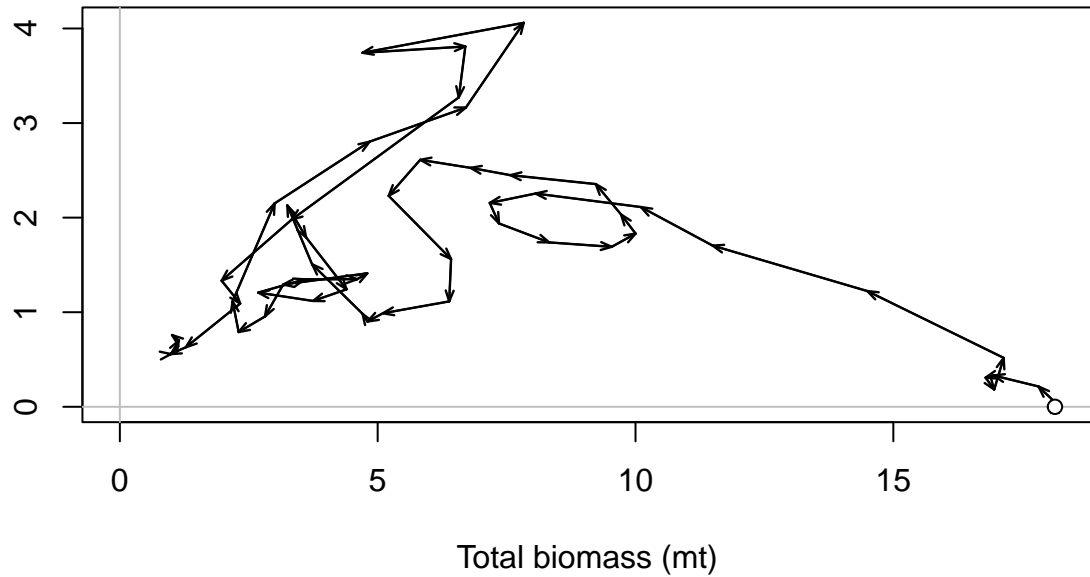
FISHERY (whole catch)

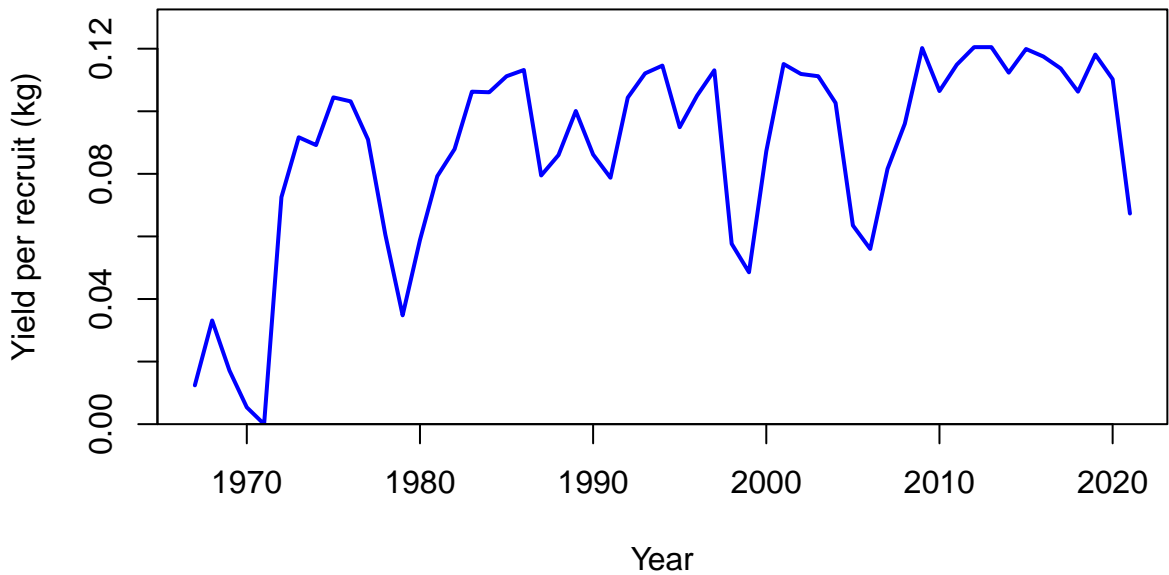


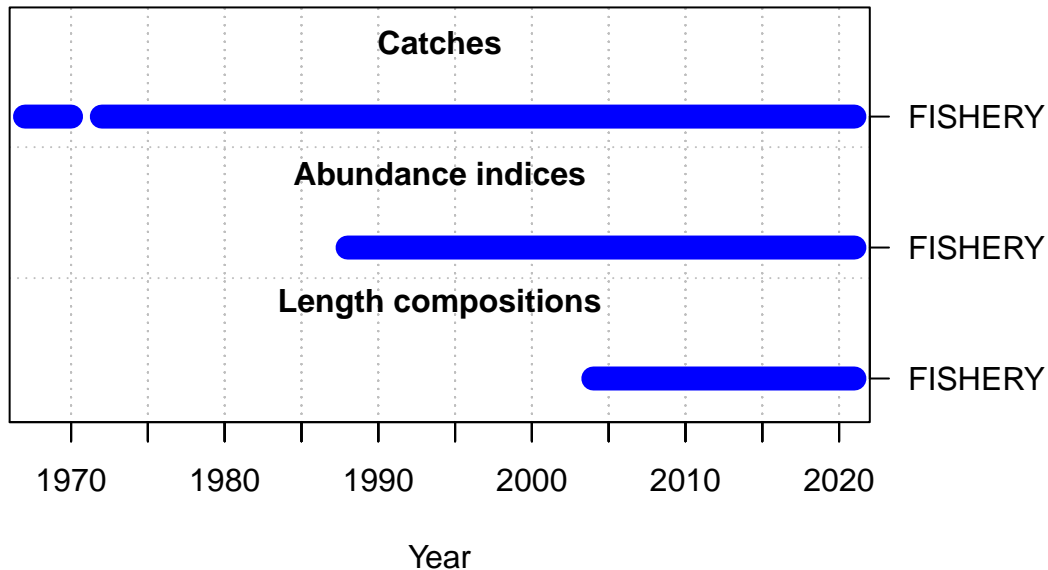


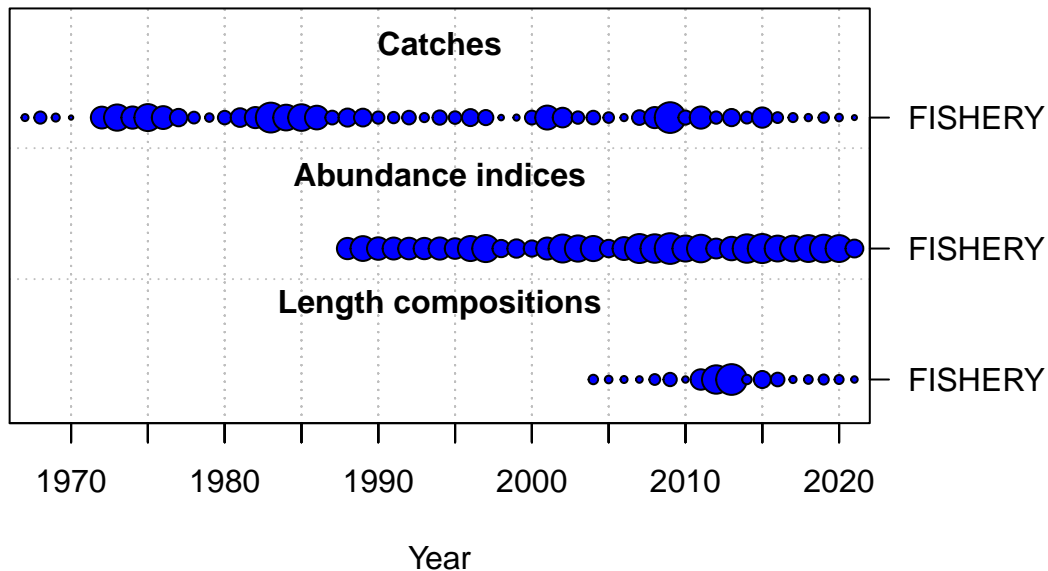


Surplus production (mt)









Density

