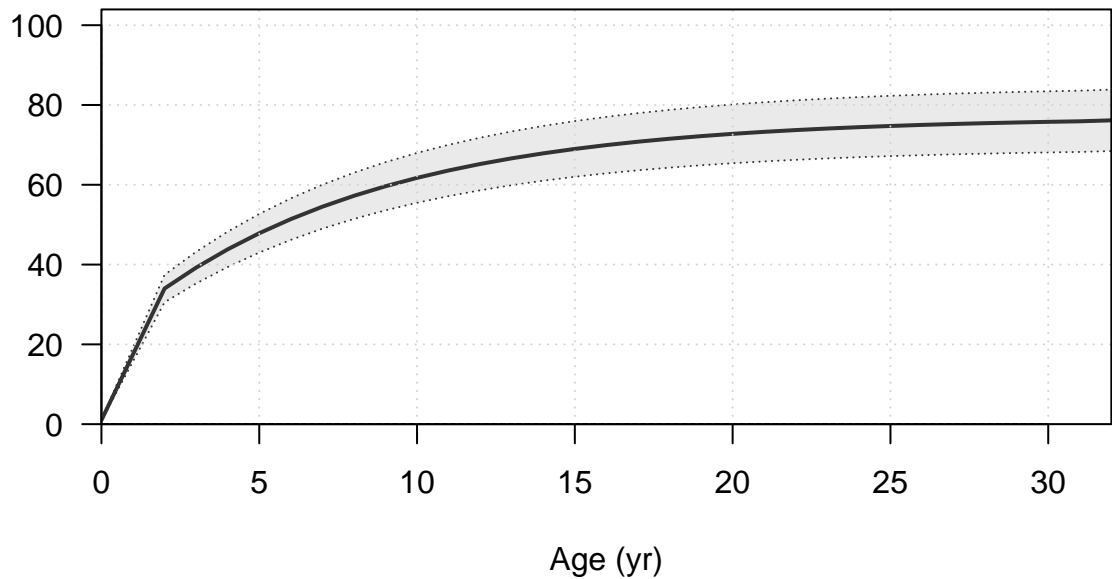
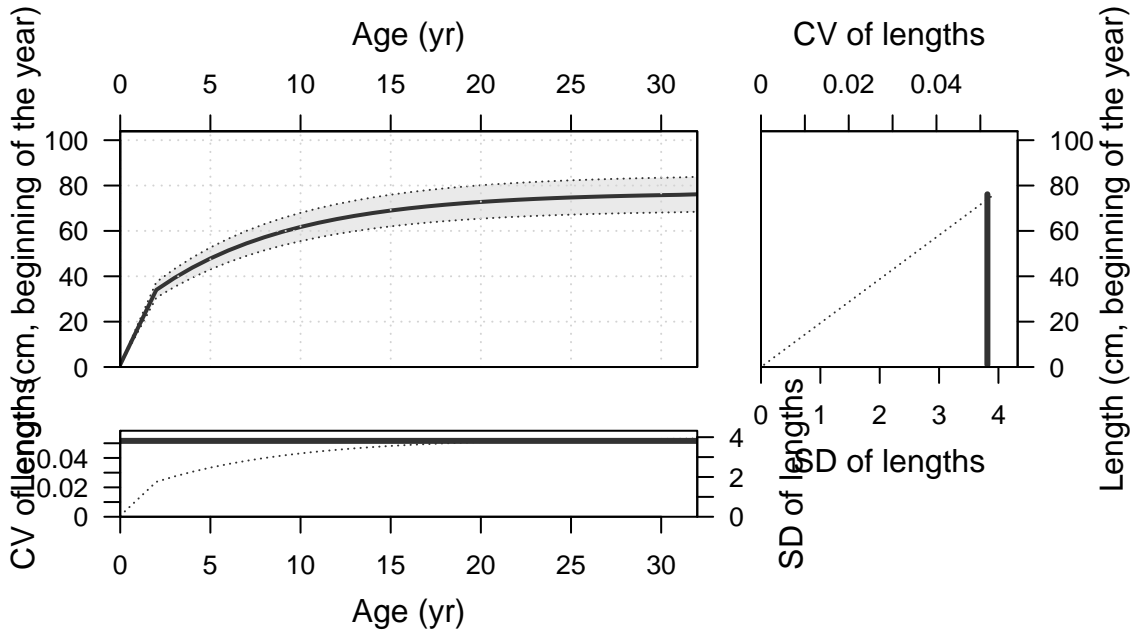
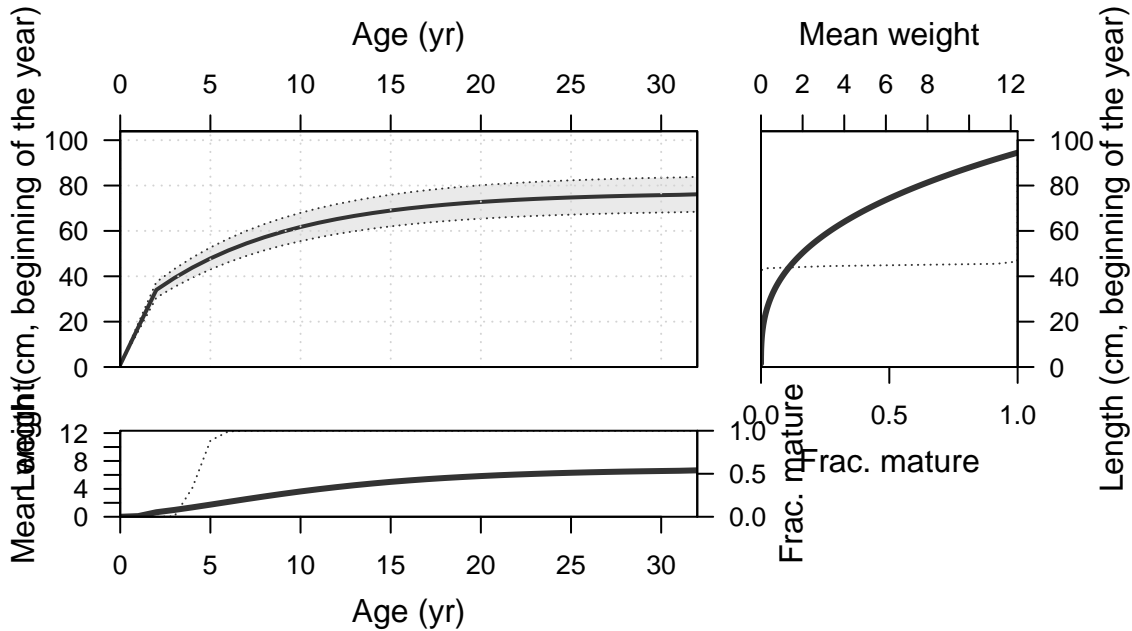


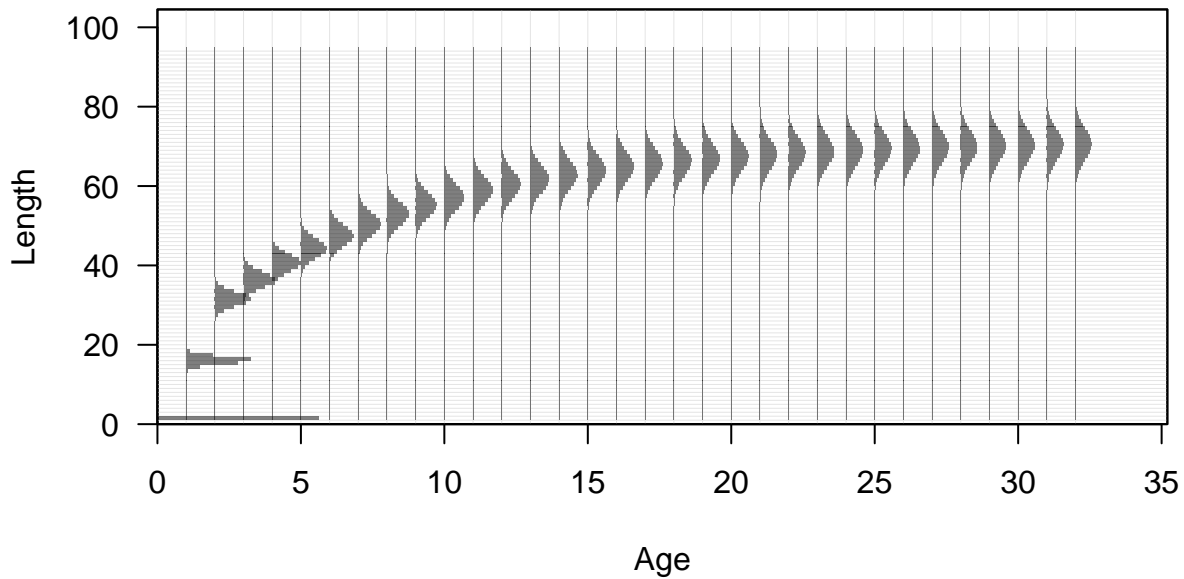
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Tue Feb 14 14:15:40 2023
Data_File: data.ss
Control_File: control.ss

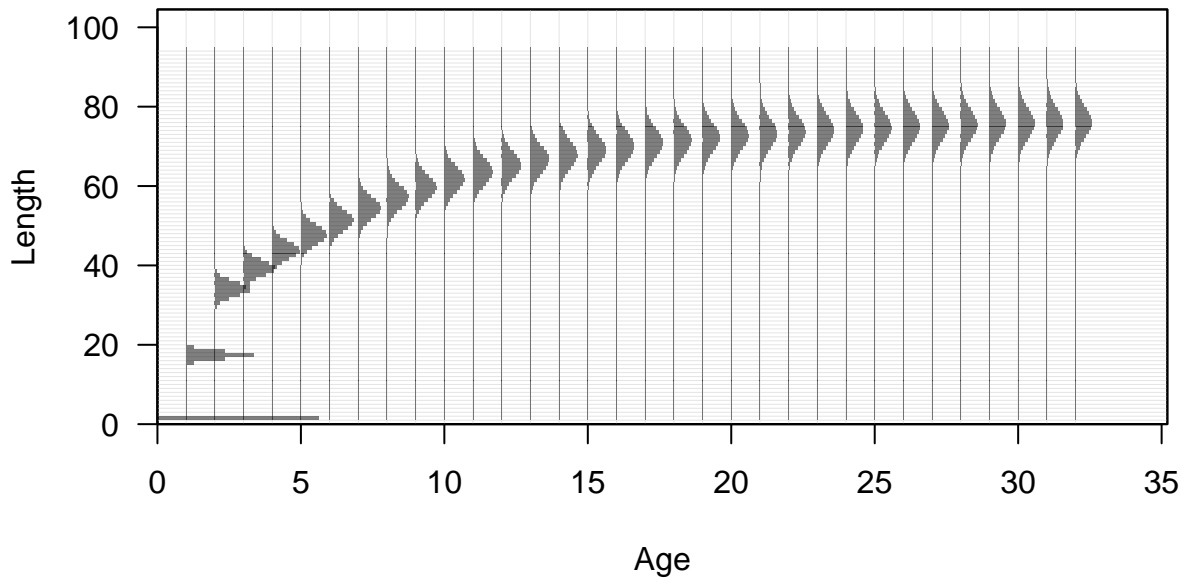
Length (cm, beginning of the year)

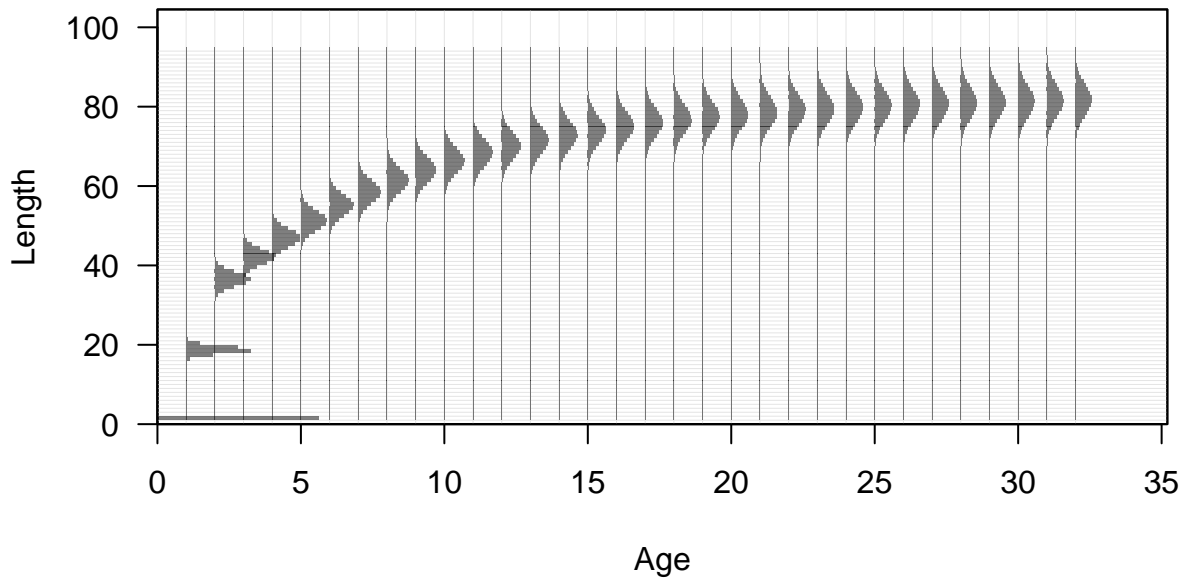


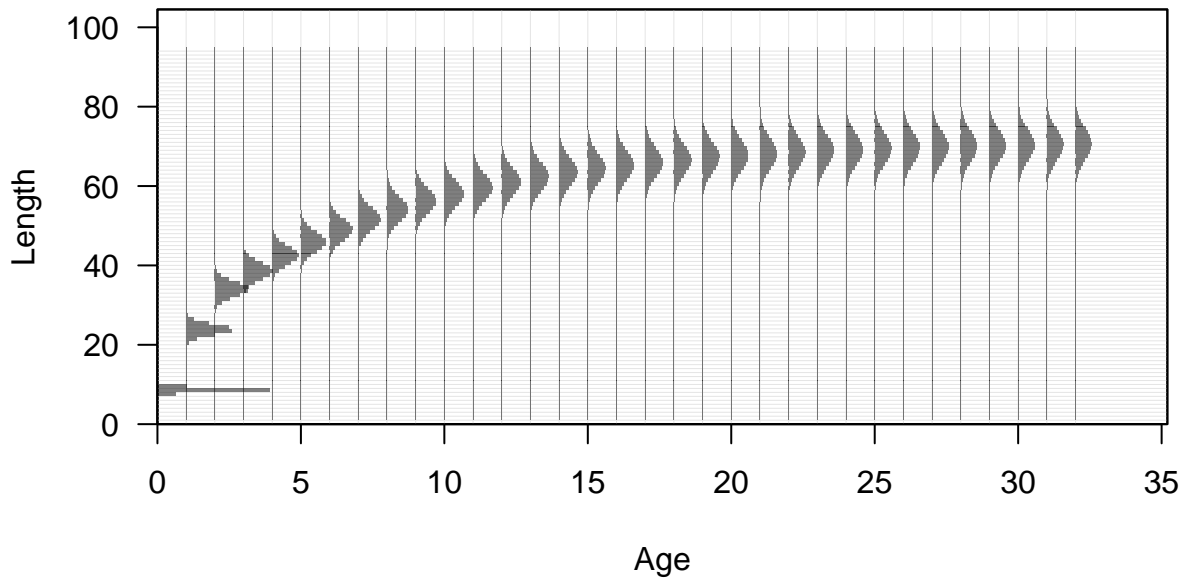


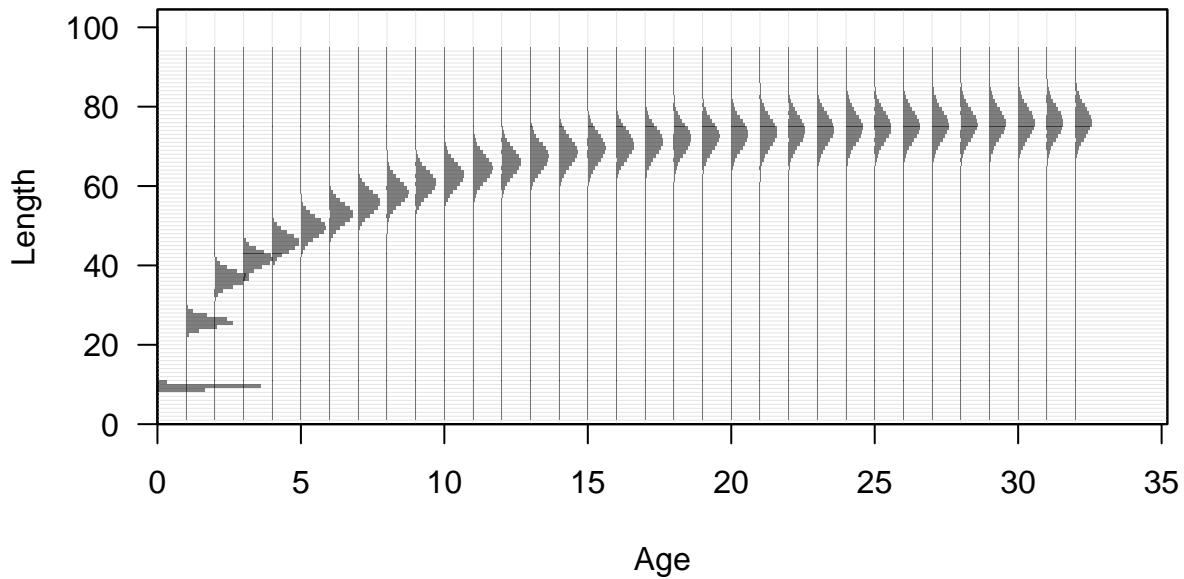


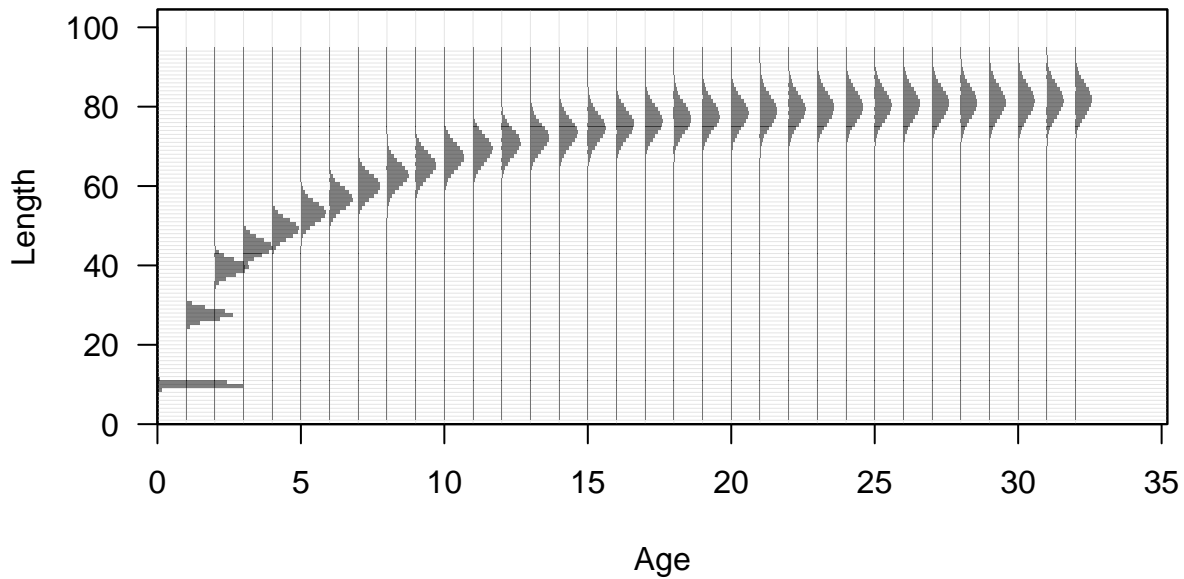


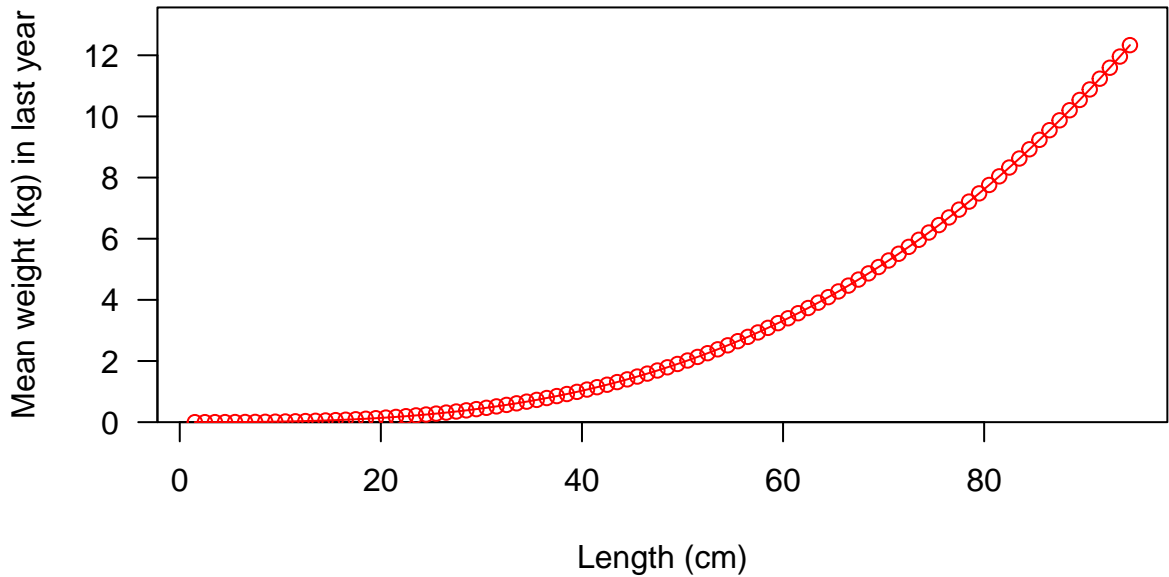


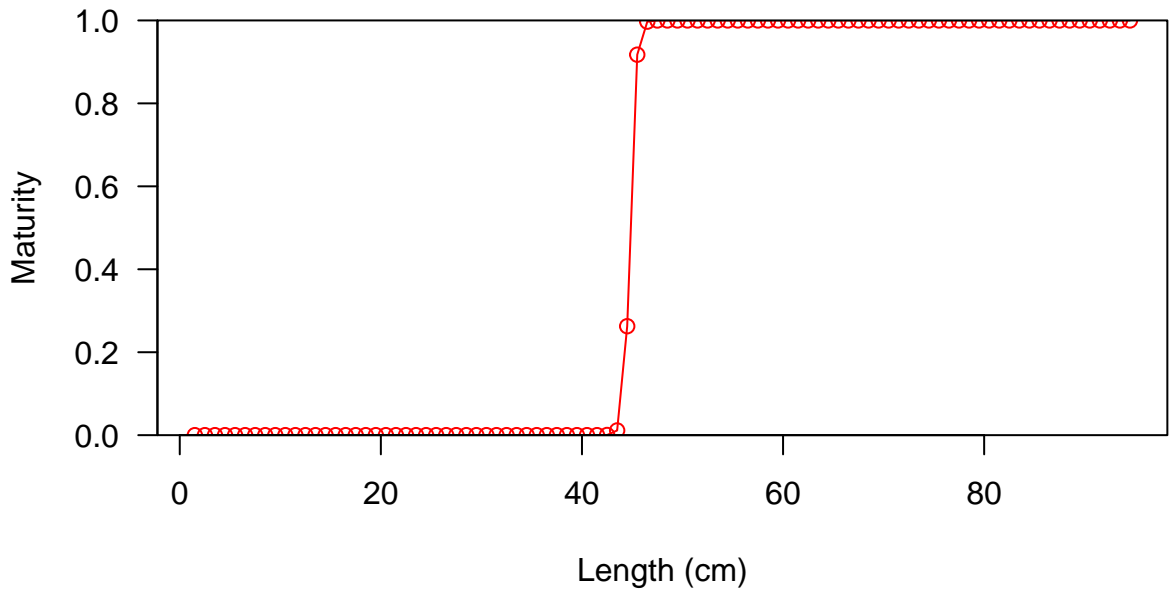


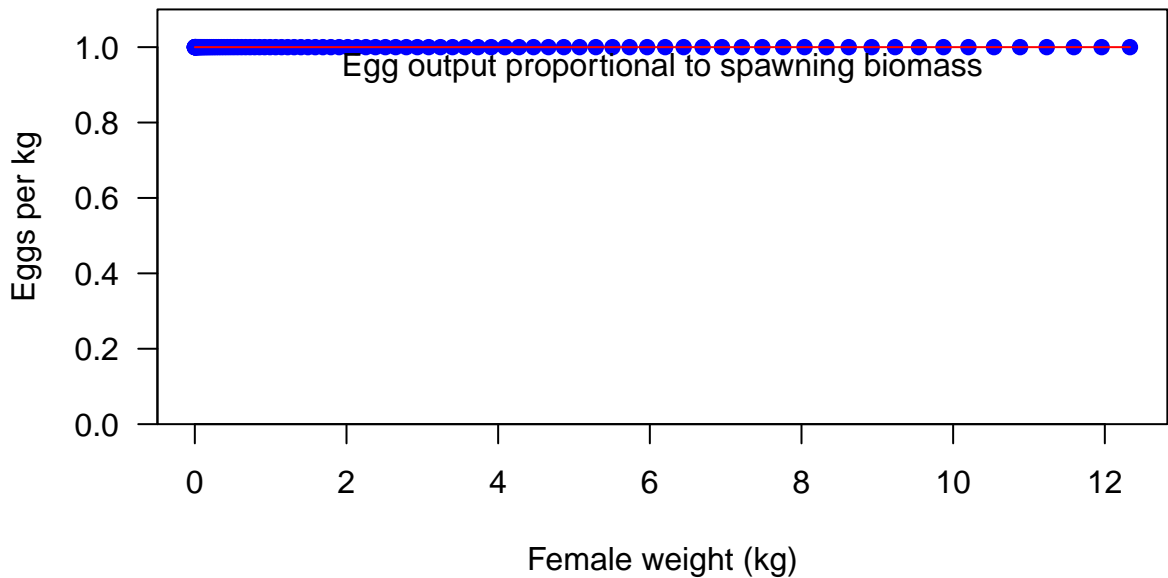




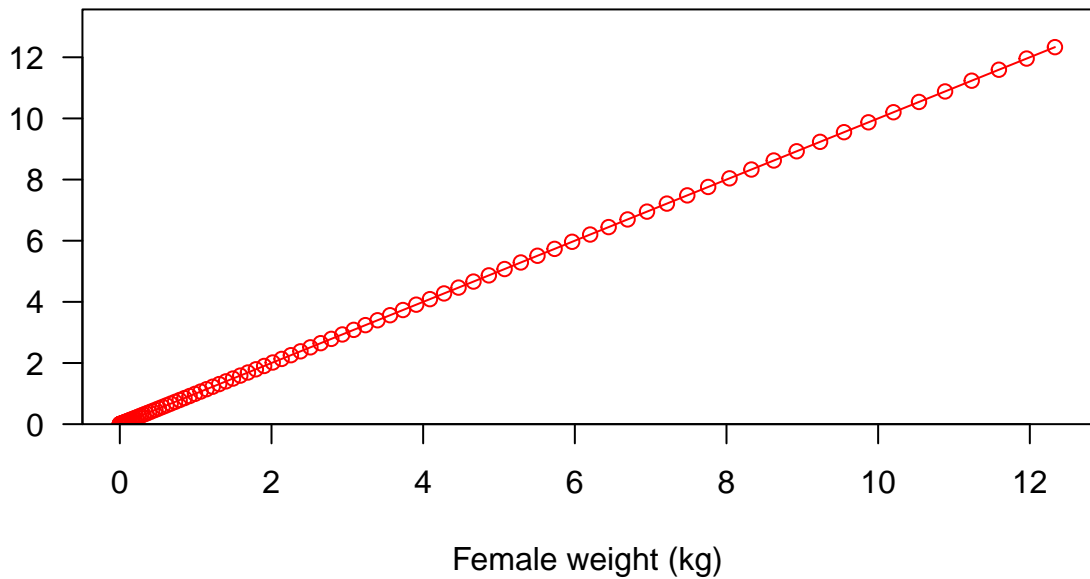




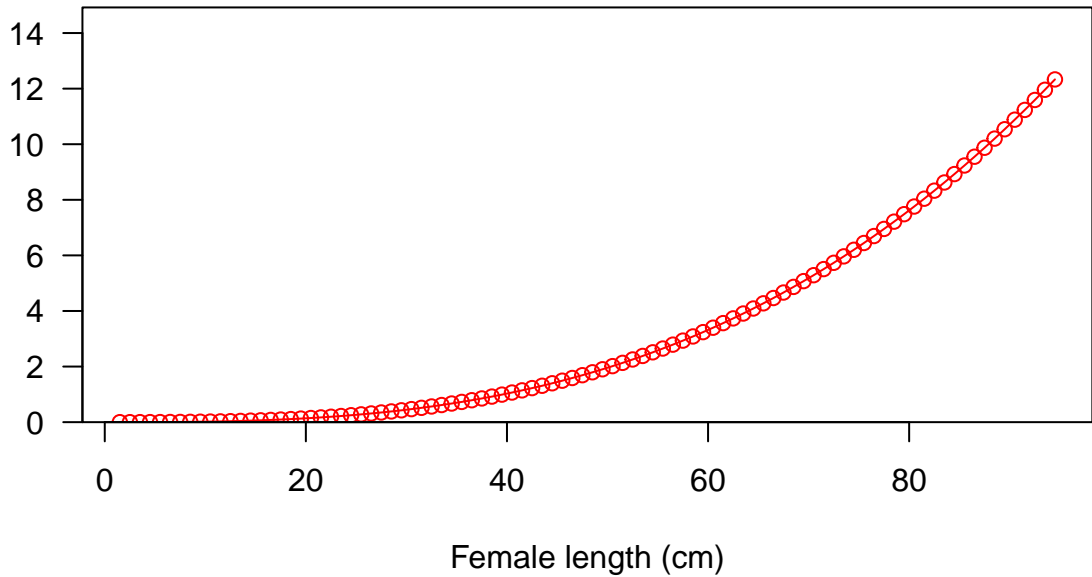




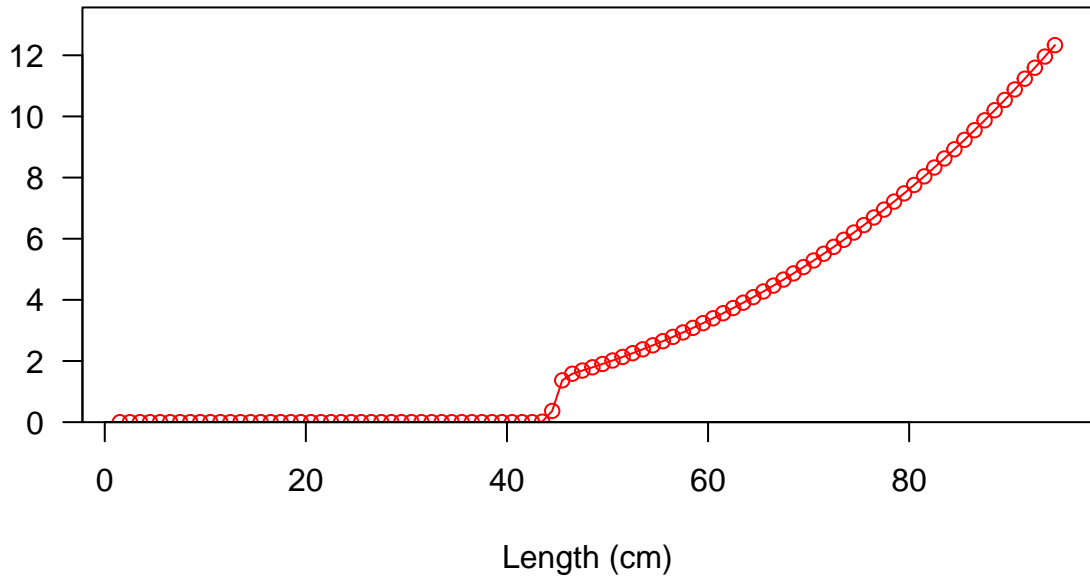
Fecundity



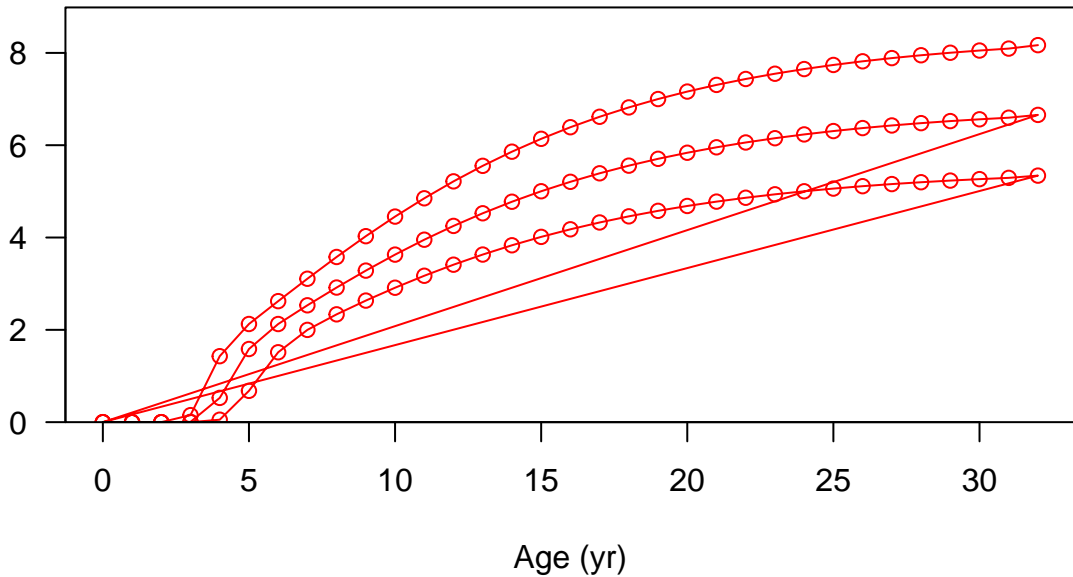
Fecundity



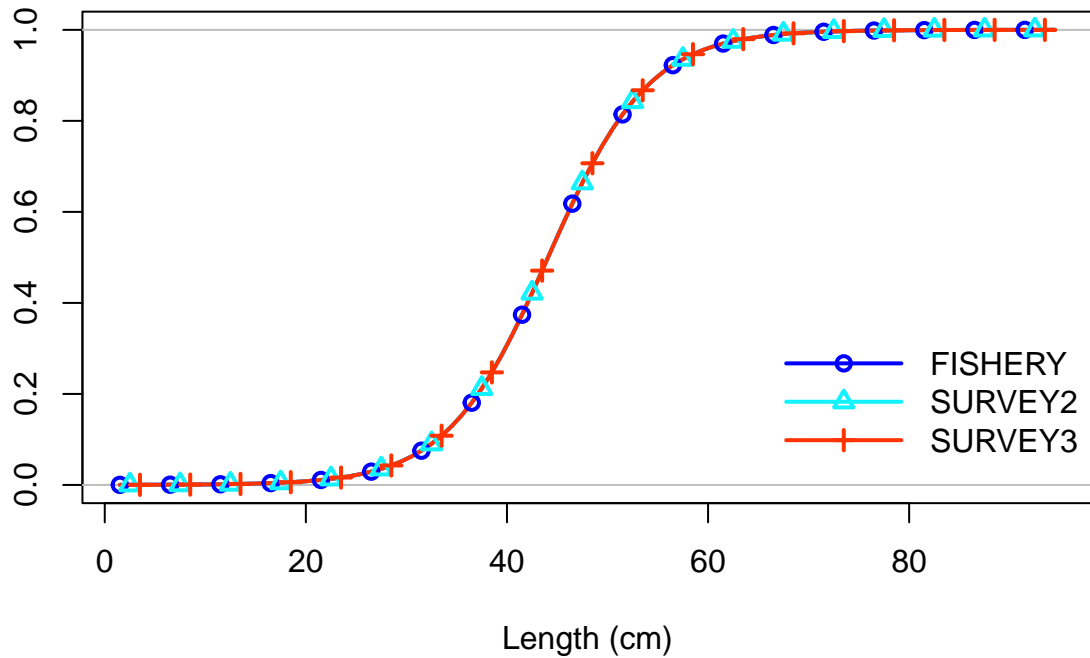
Spawning output

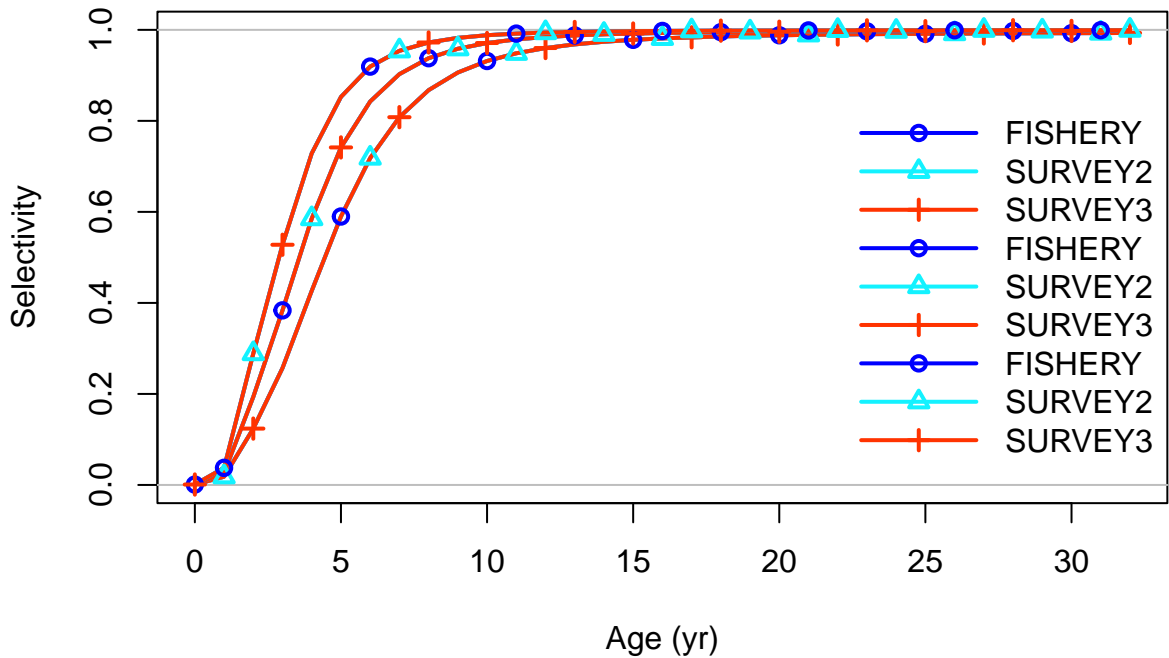


Spawning output

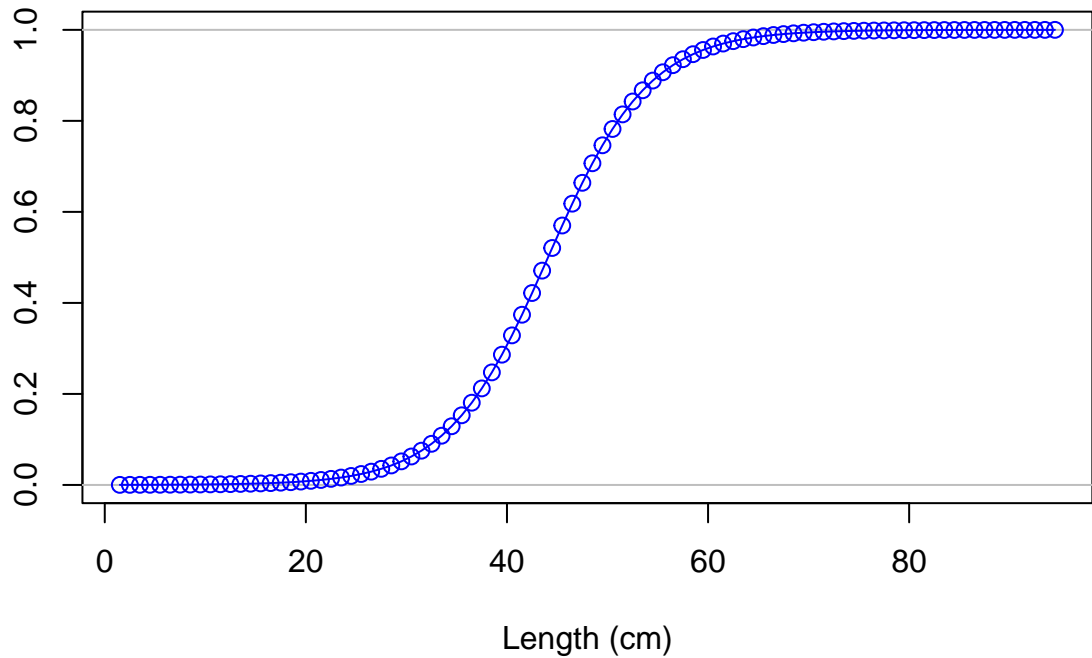


Selectivity

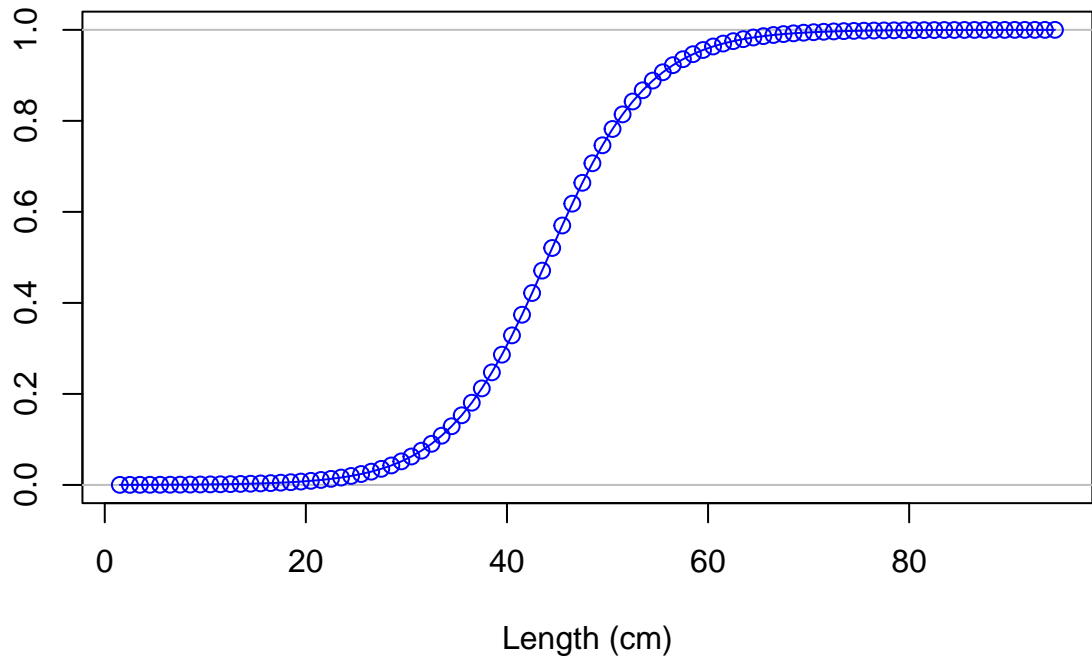




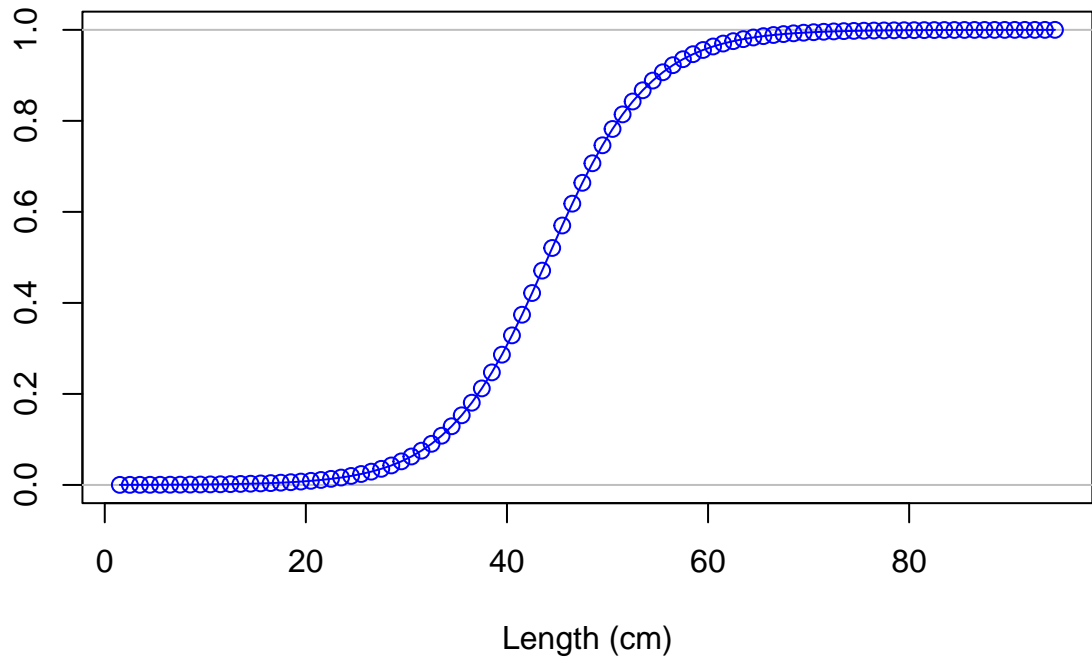
Selectivity

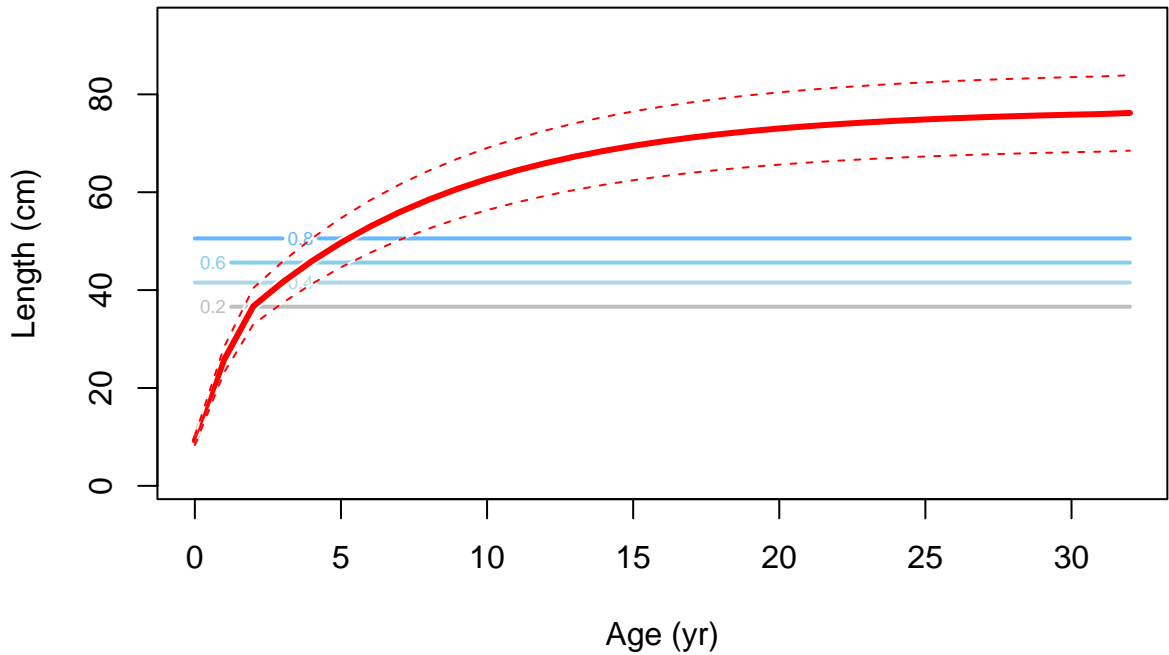


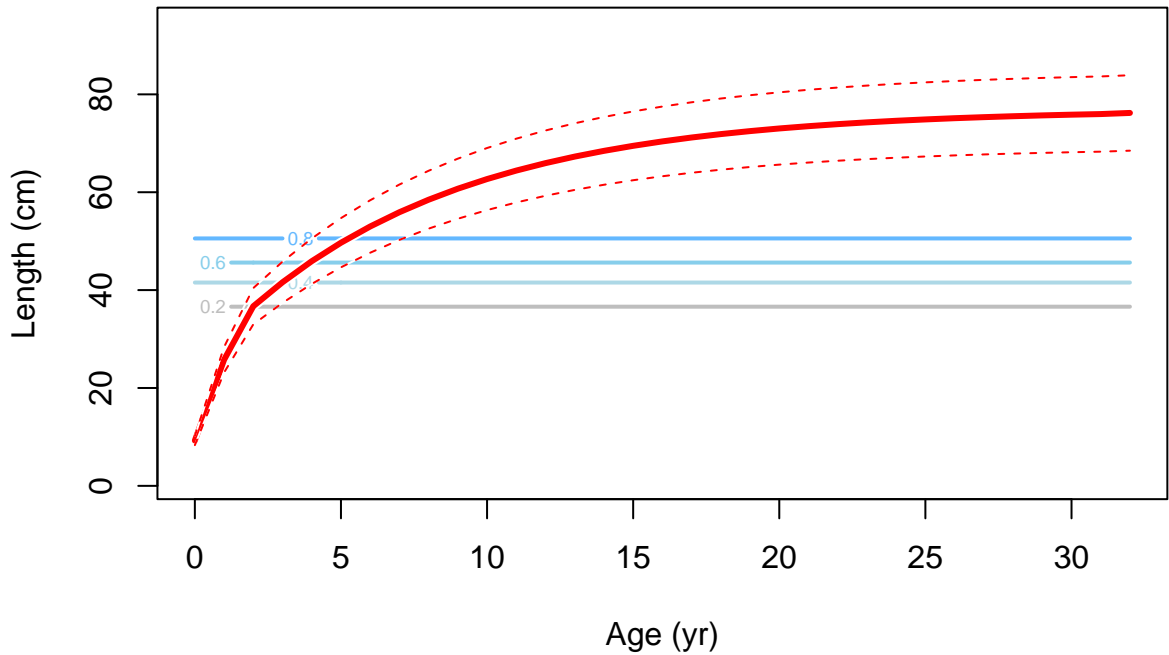
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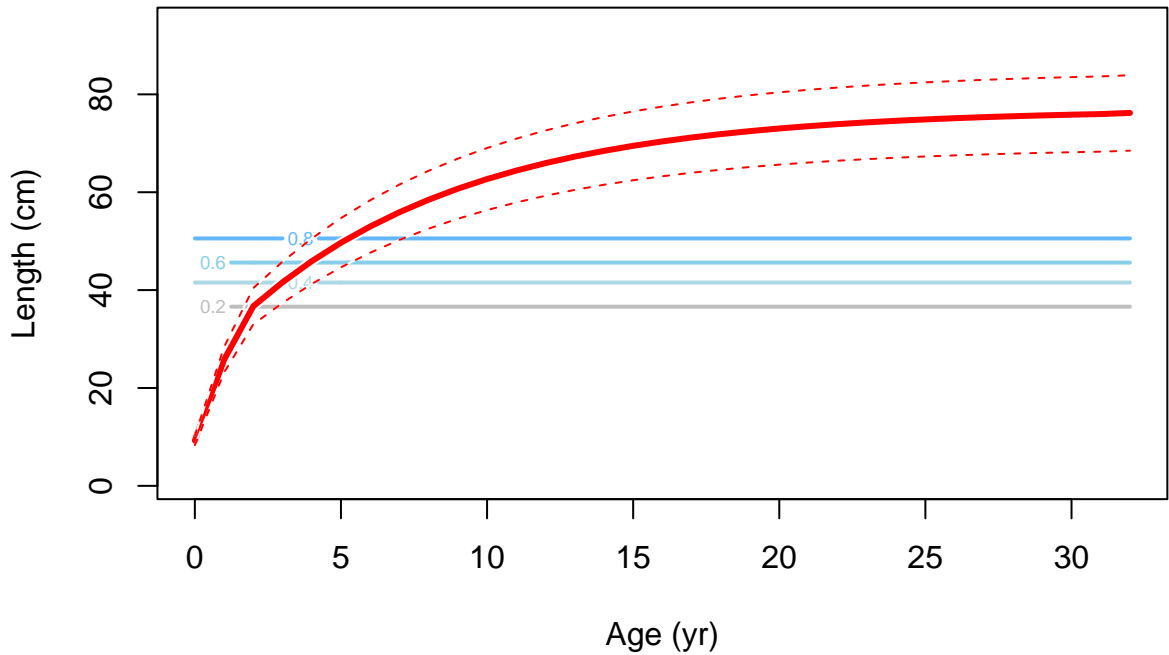


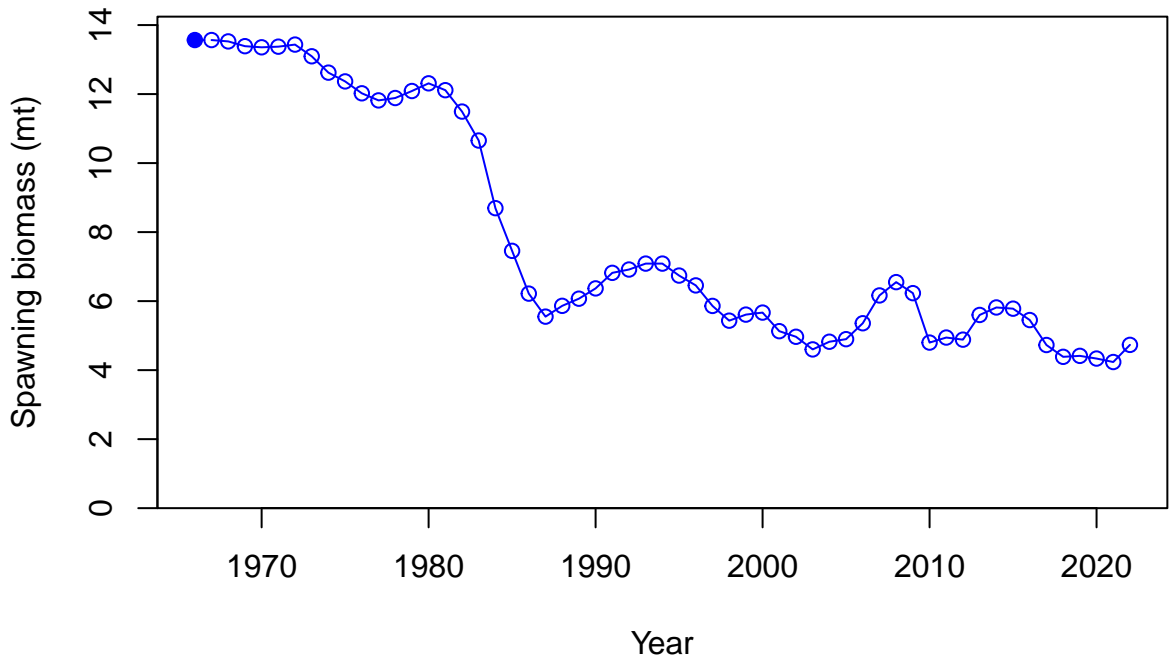
Selectivity



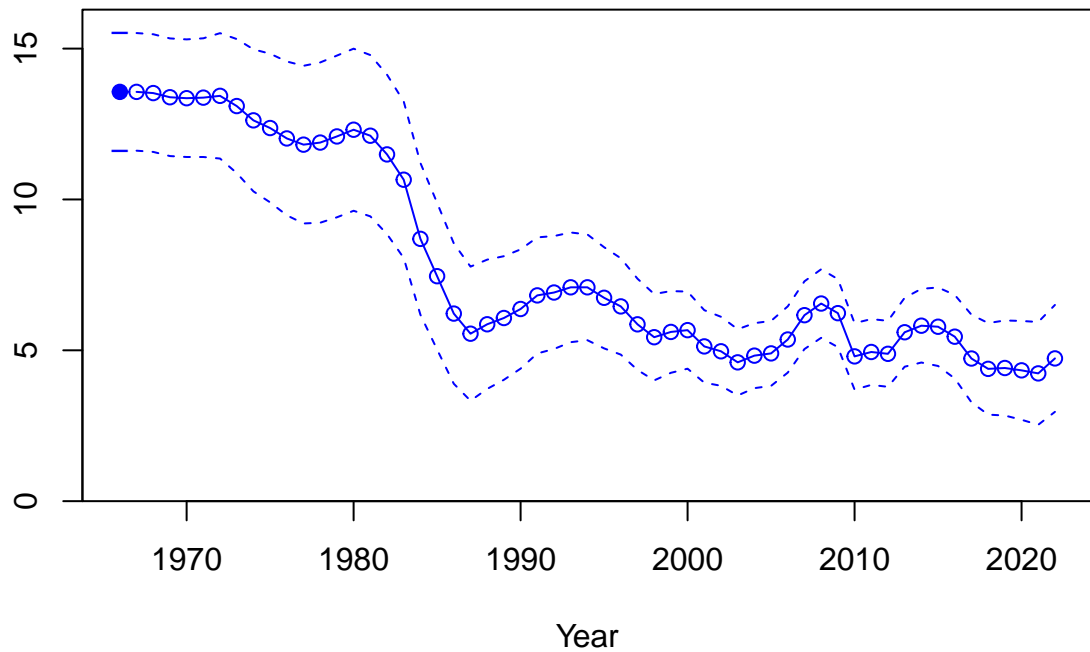




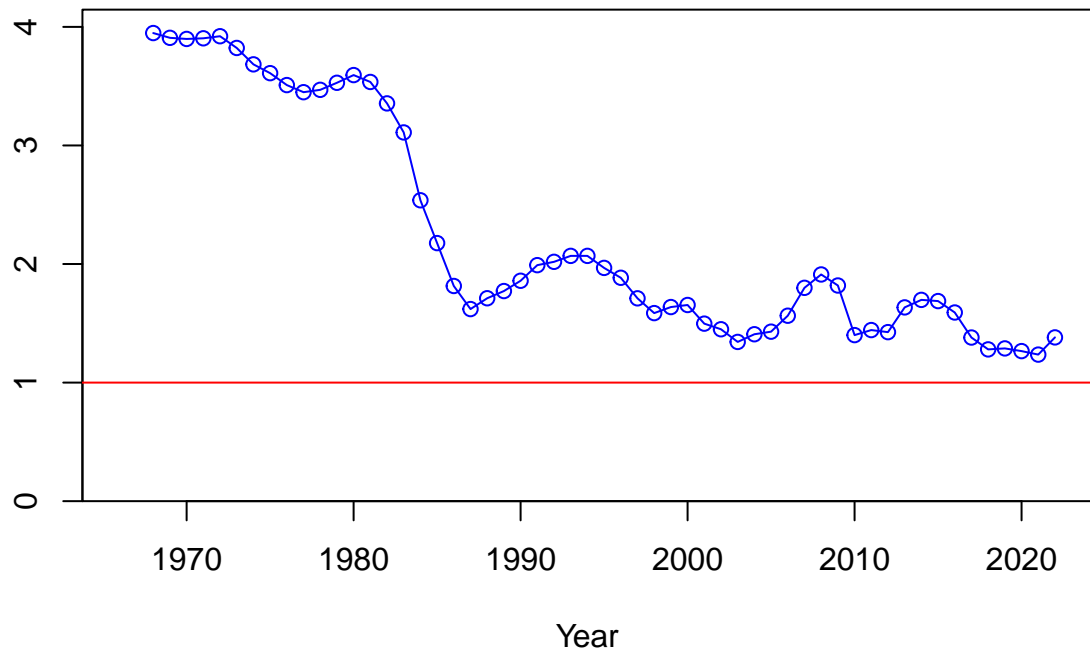




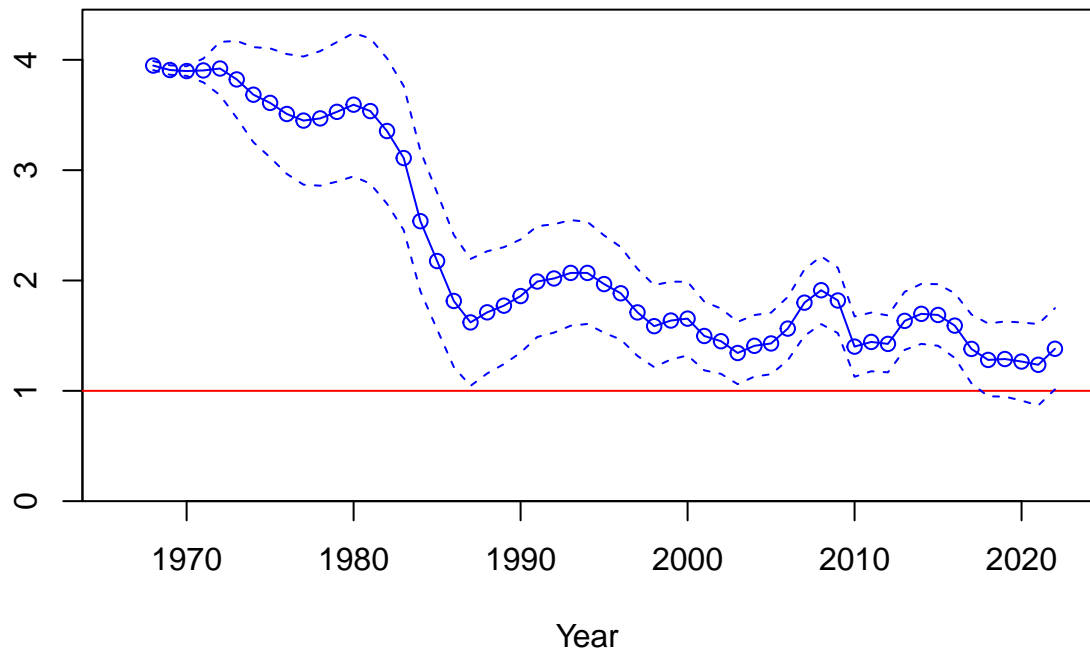
Spawning biomass (mt)

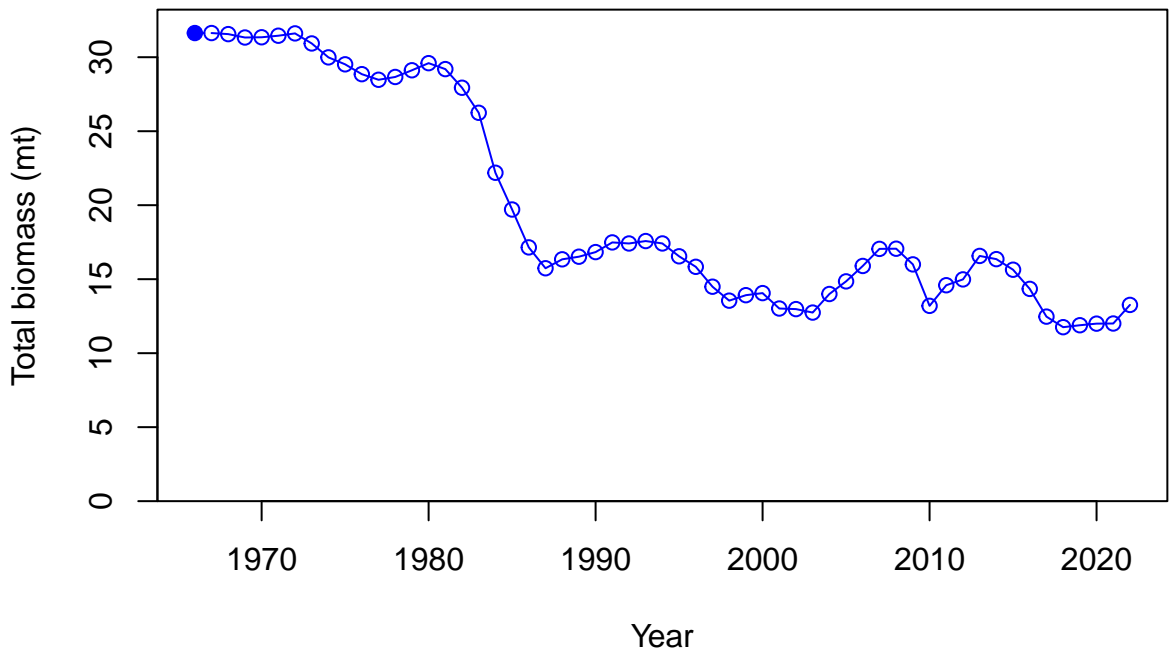


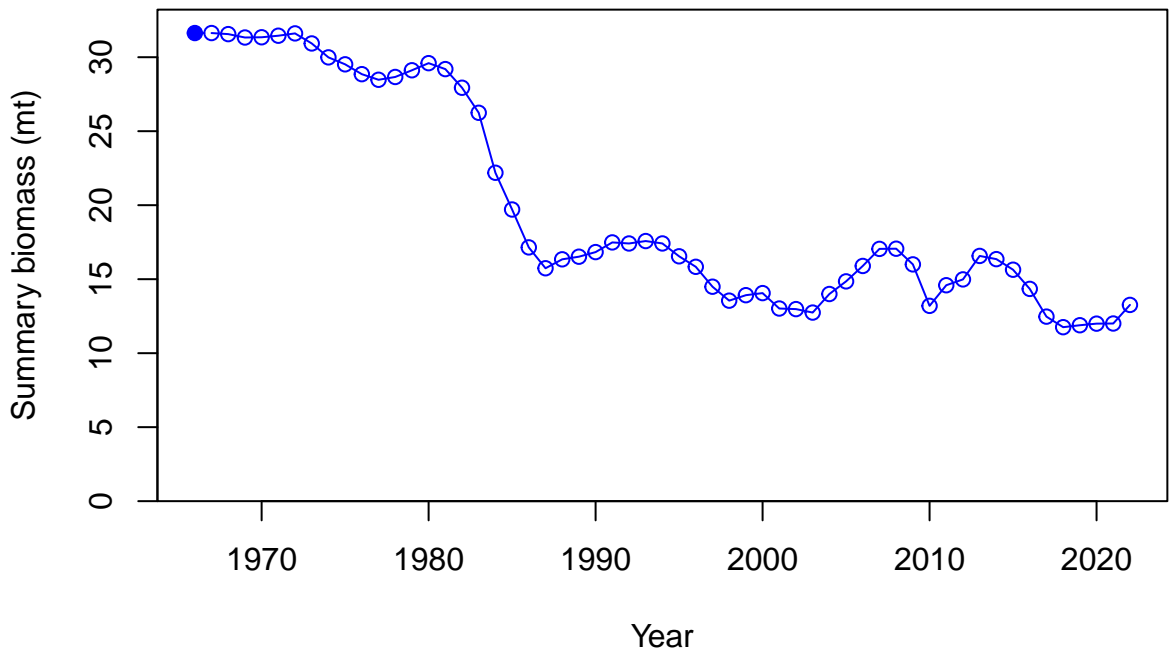
Relative spawning biomass: B/B_MSY



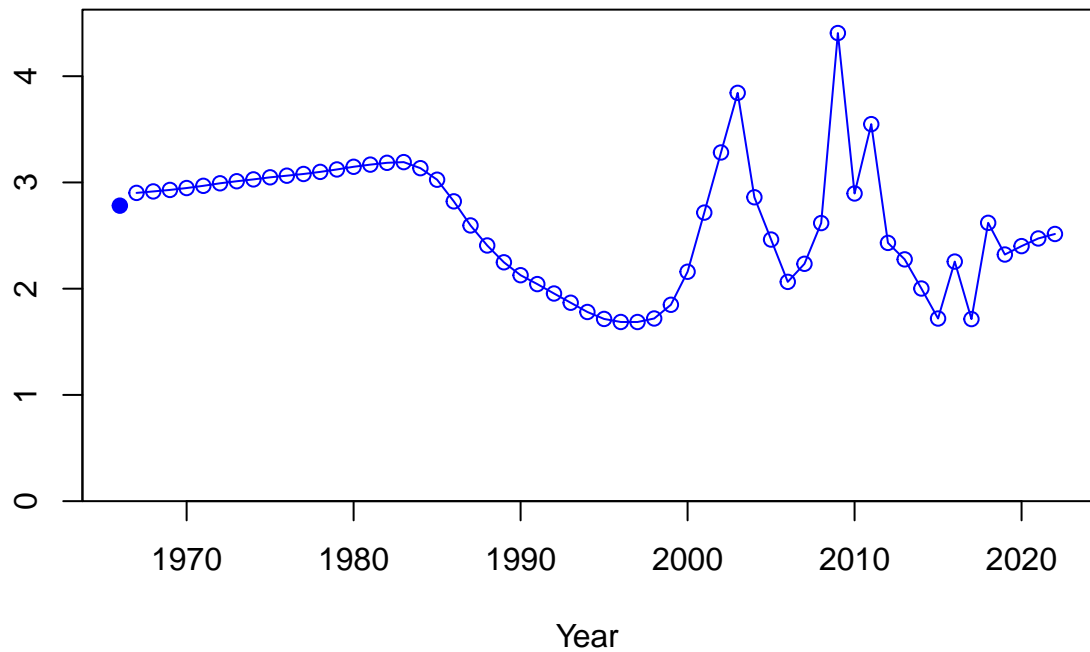
Relative spawning biomass: B/B_{MSY}



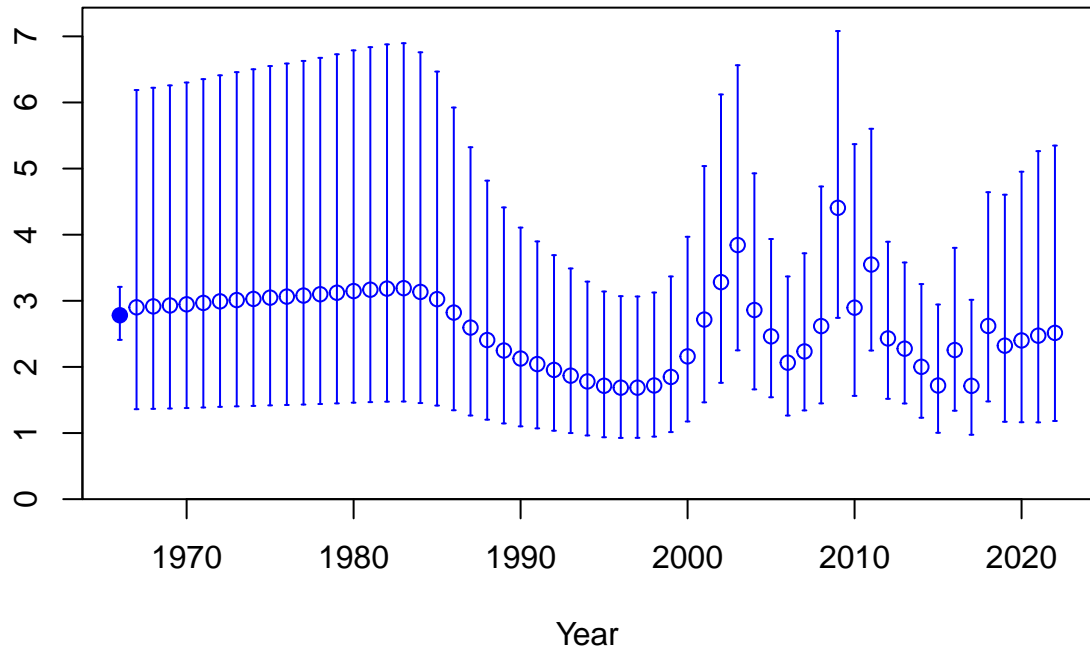




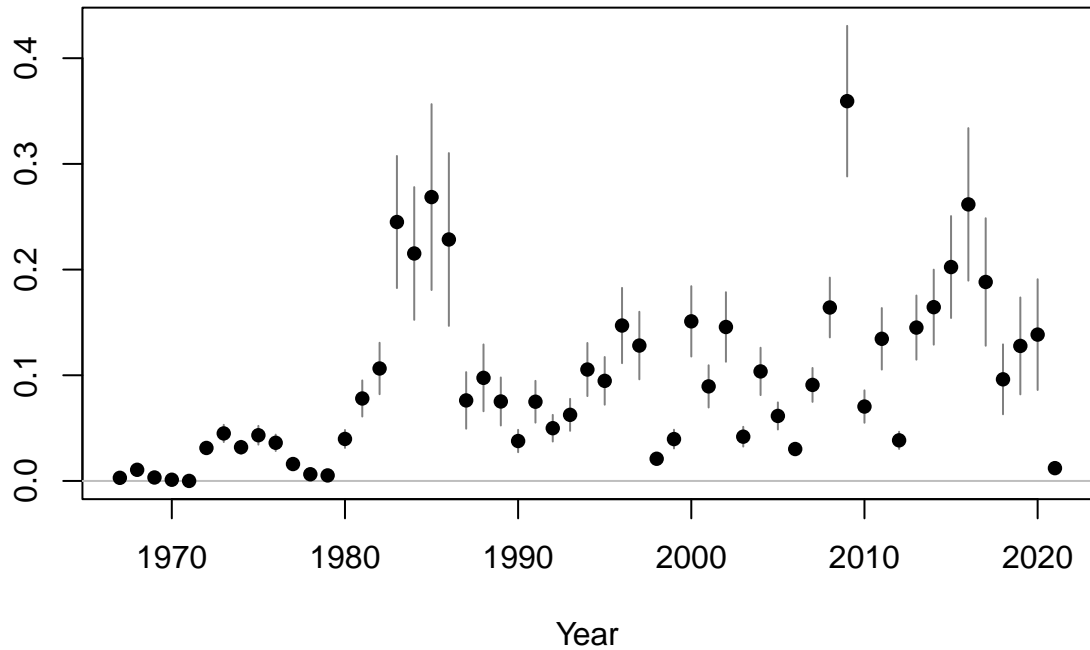
Age-0 recruits (1,000s)

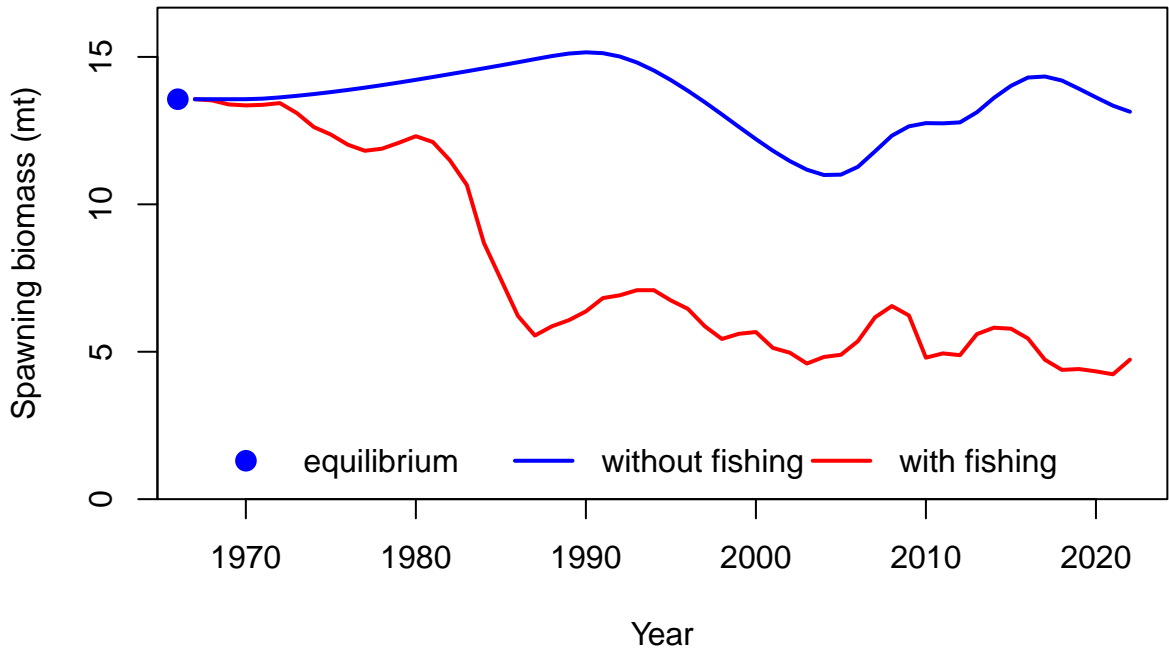


Age-0 recruits (1,000s)

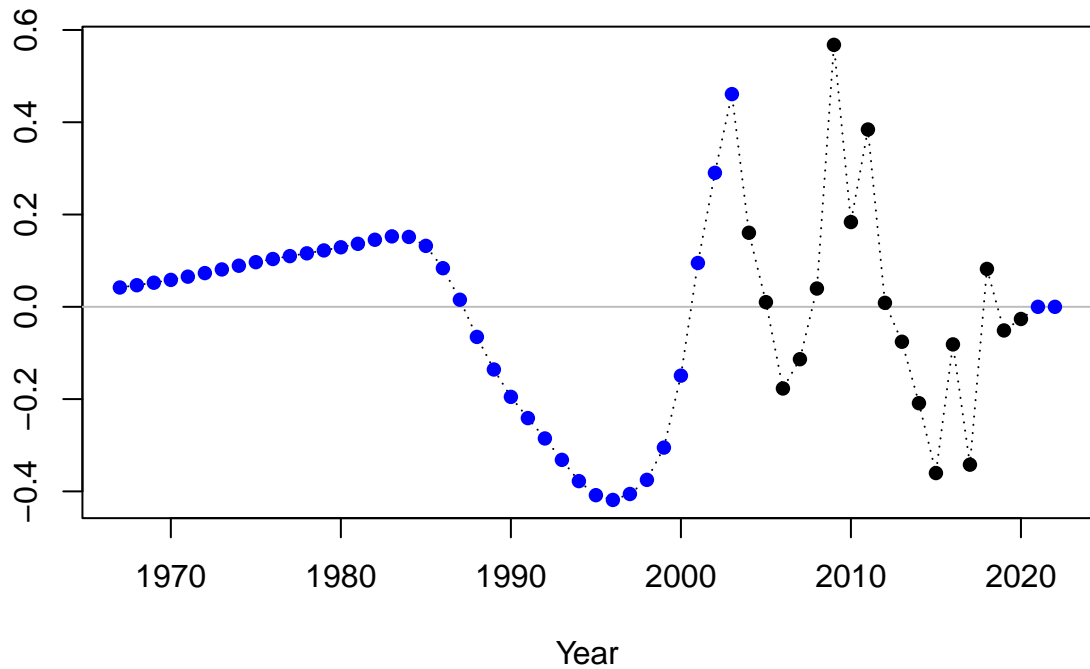


Summary Fishing Mortality

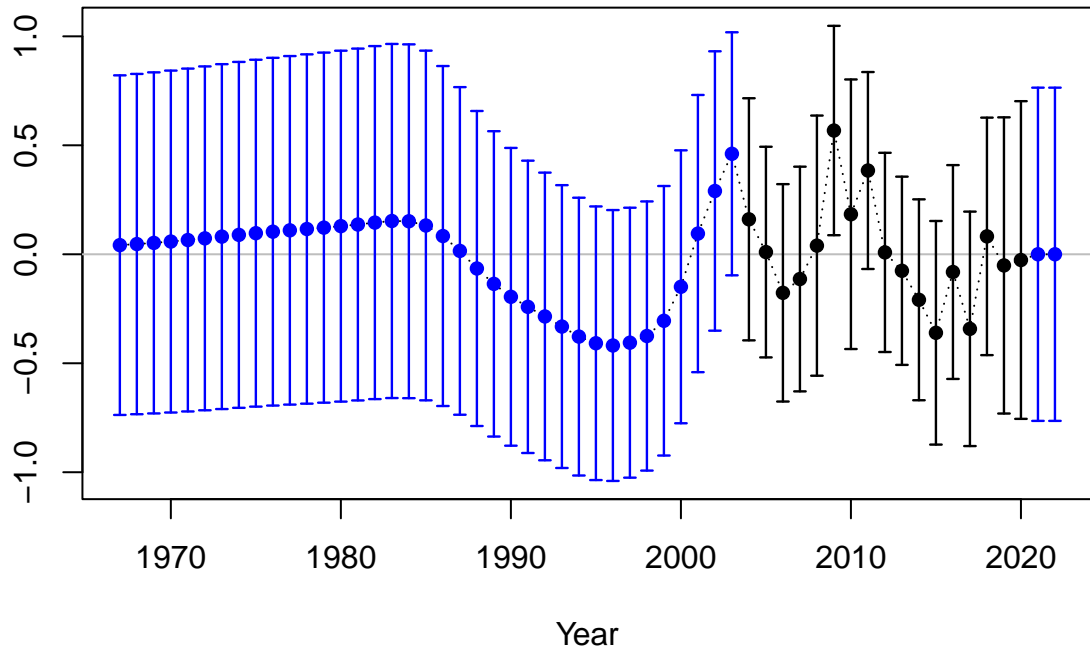




Log recruitment deviation

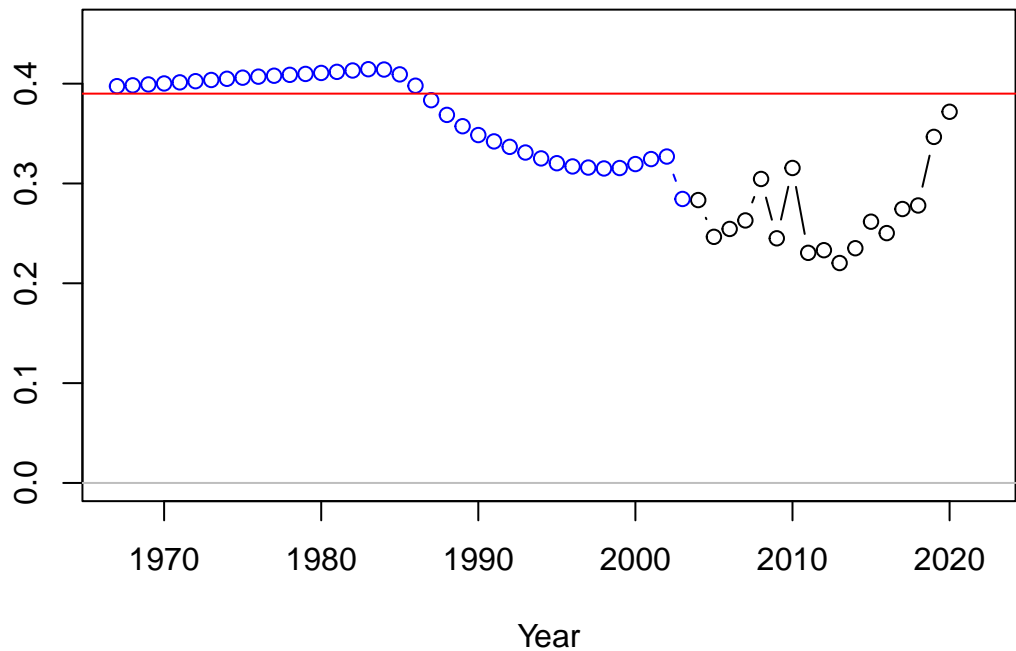


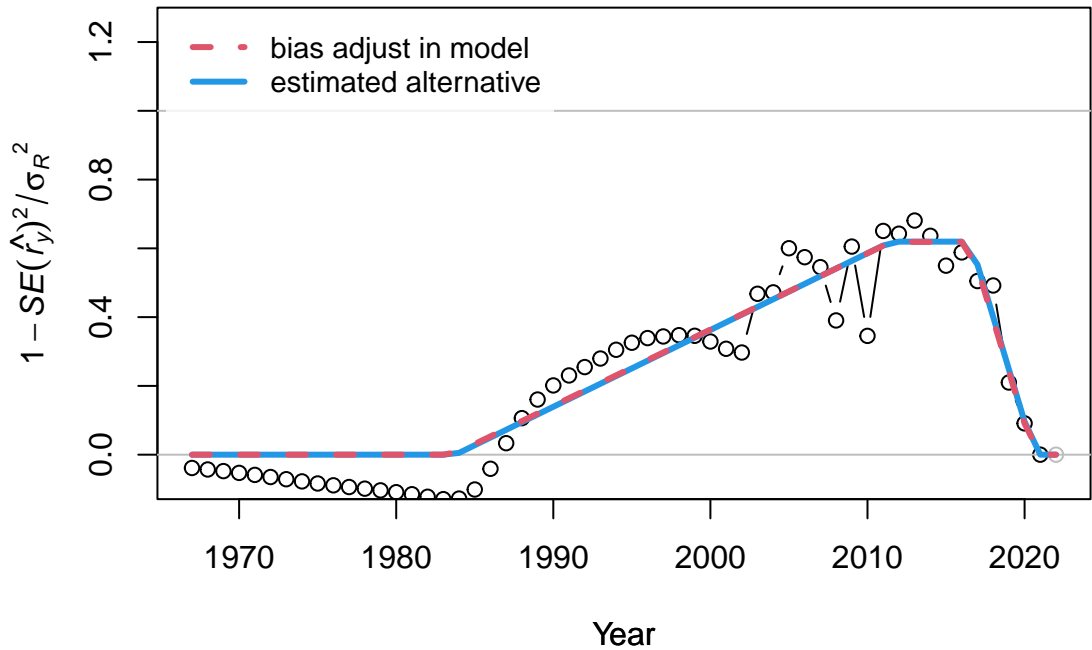
Log recruitment deviation



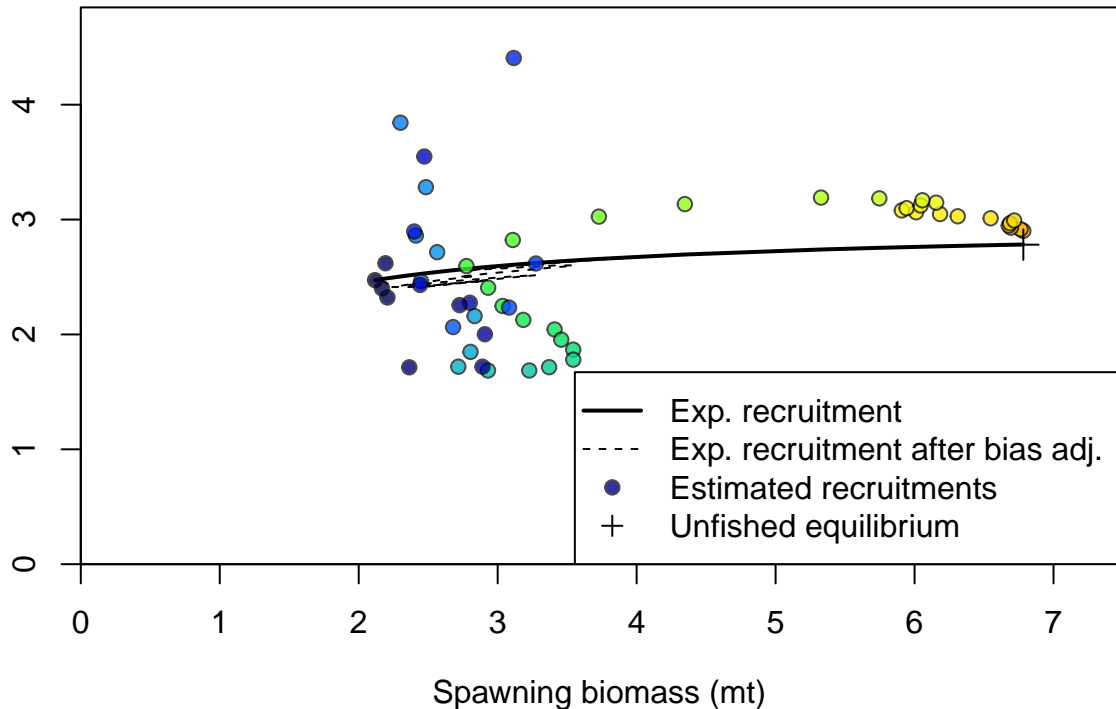
Recruitment deviation variance

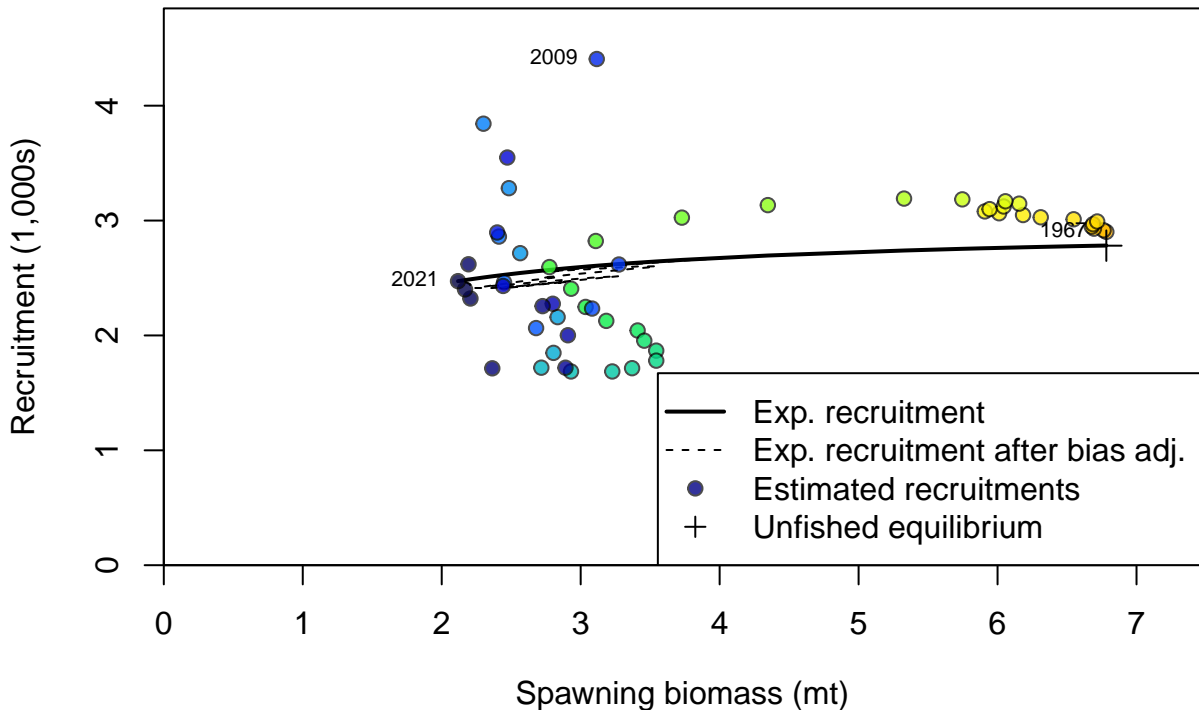
Asymptotic standard error estimate



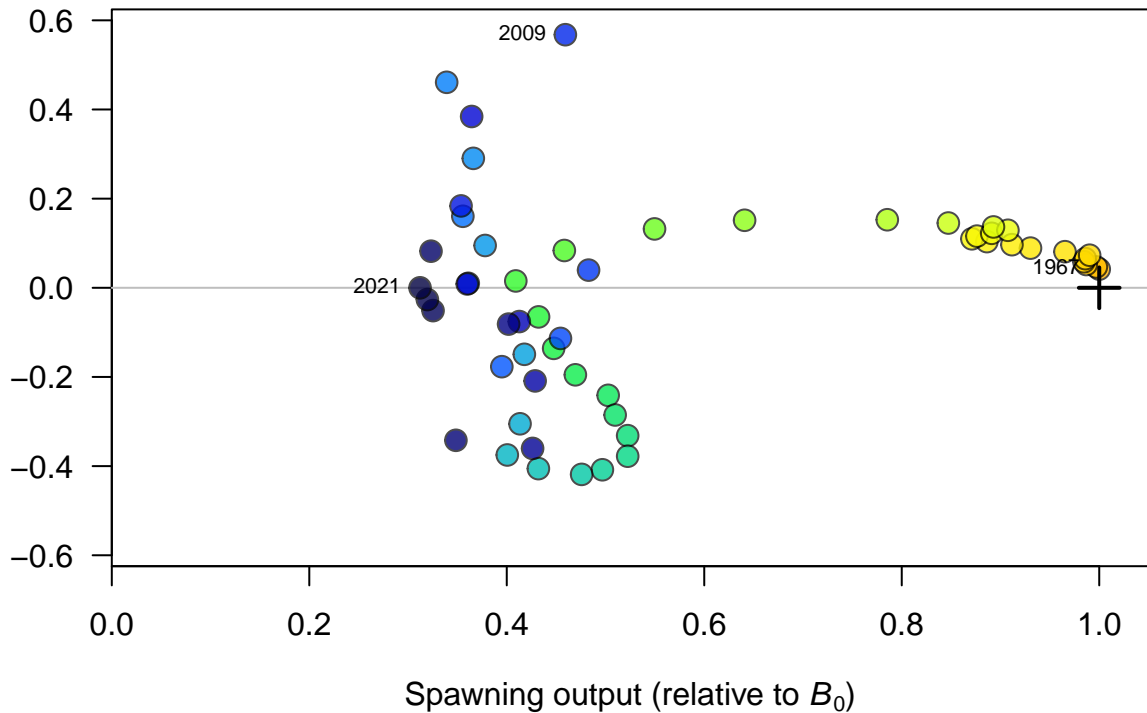


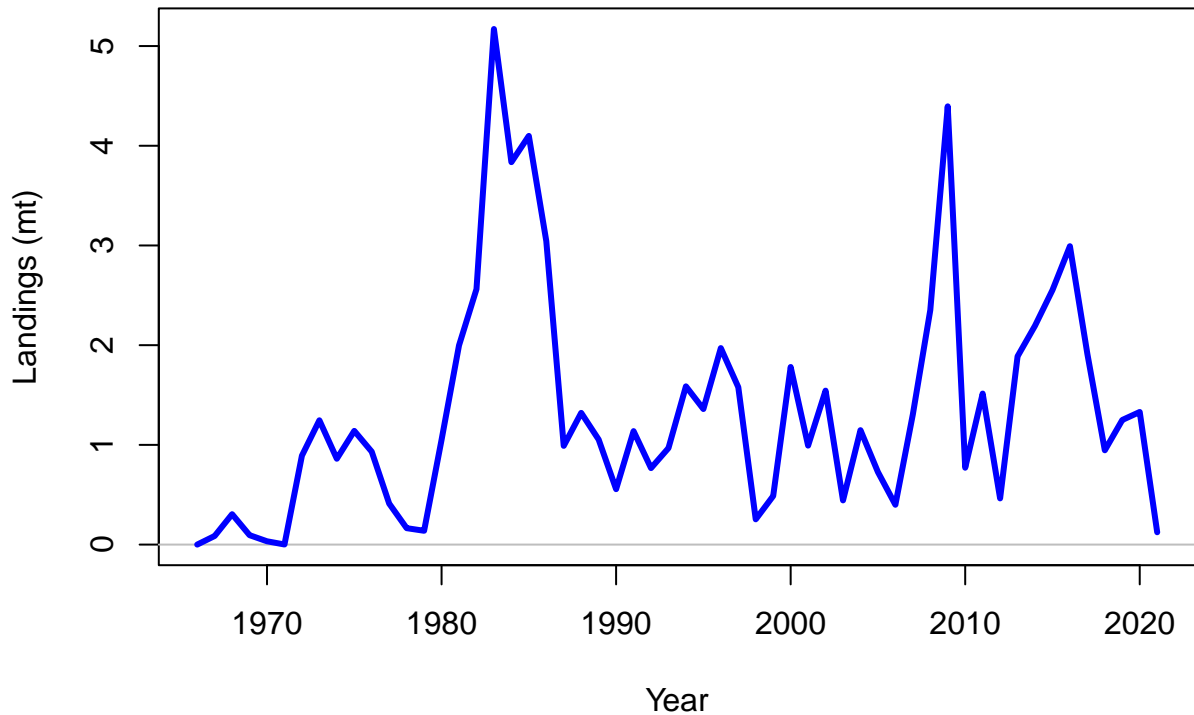
Recruitment (1,000s)

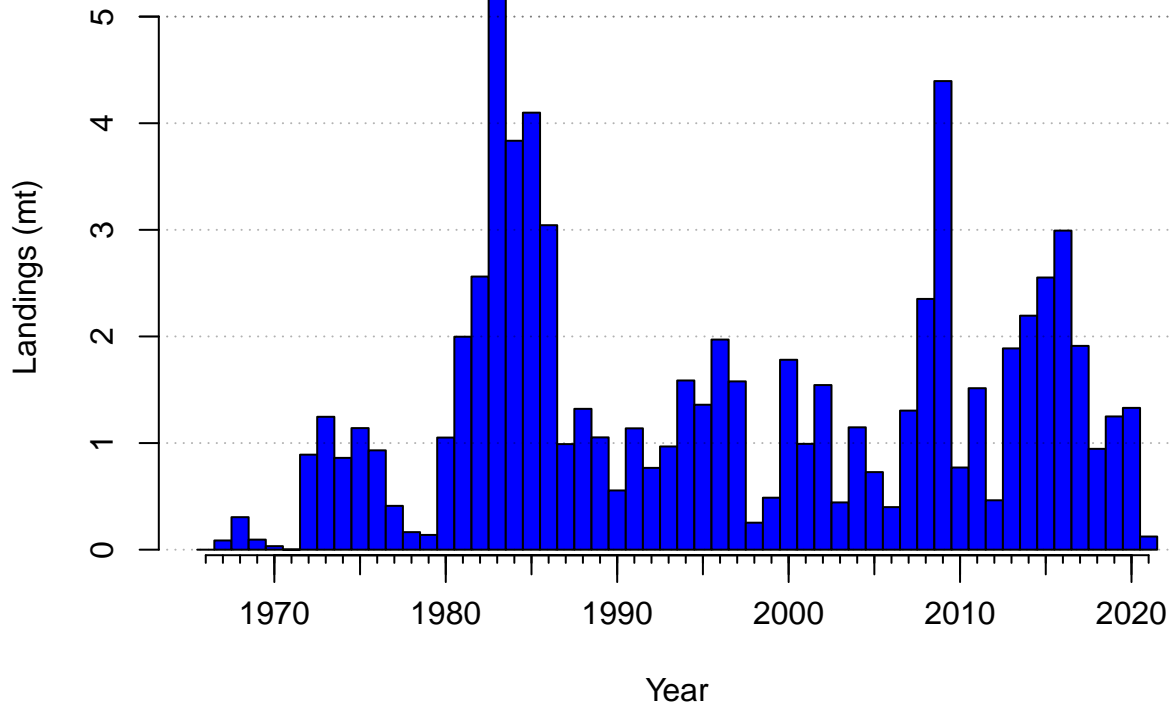


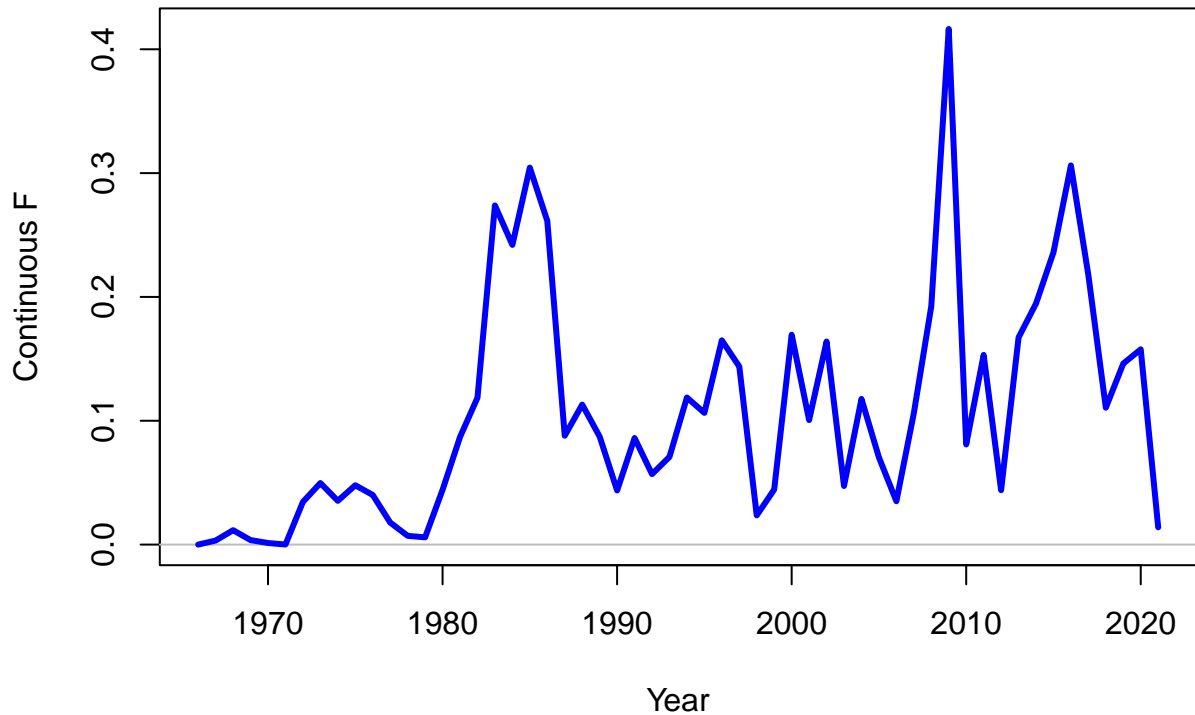


Log recruitment deviation

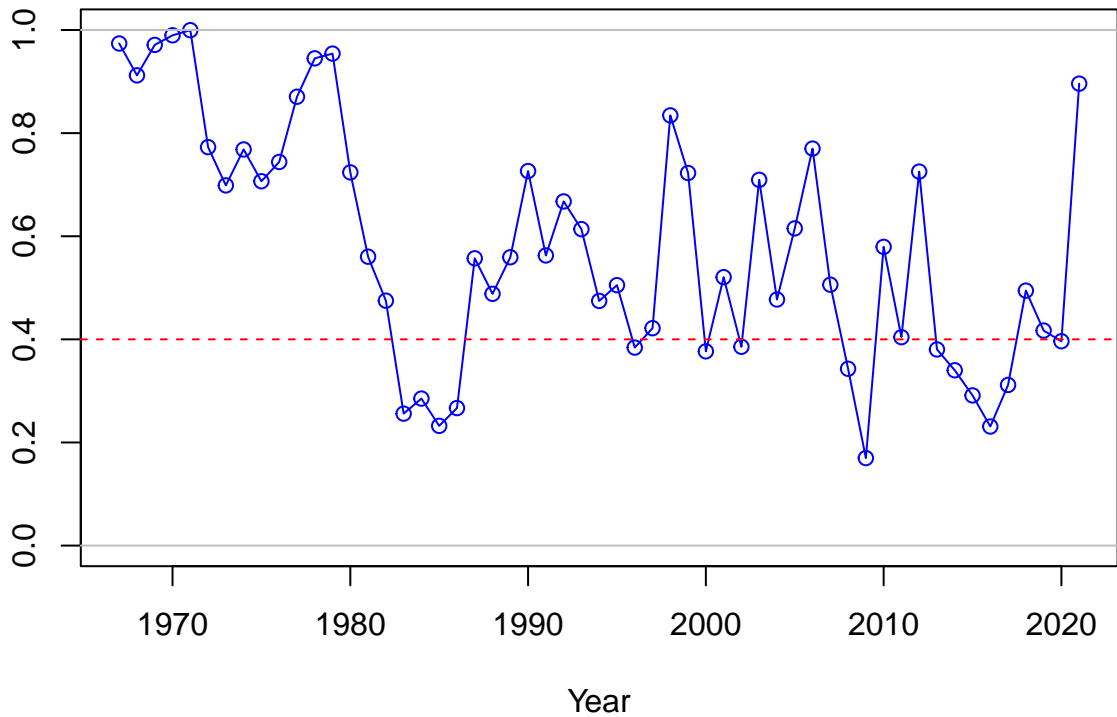




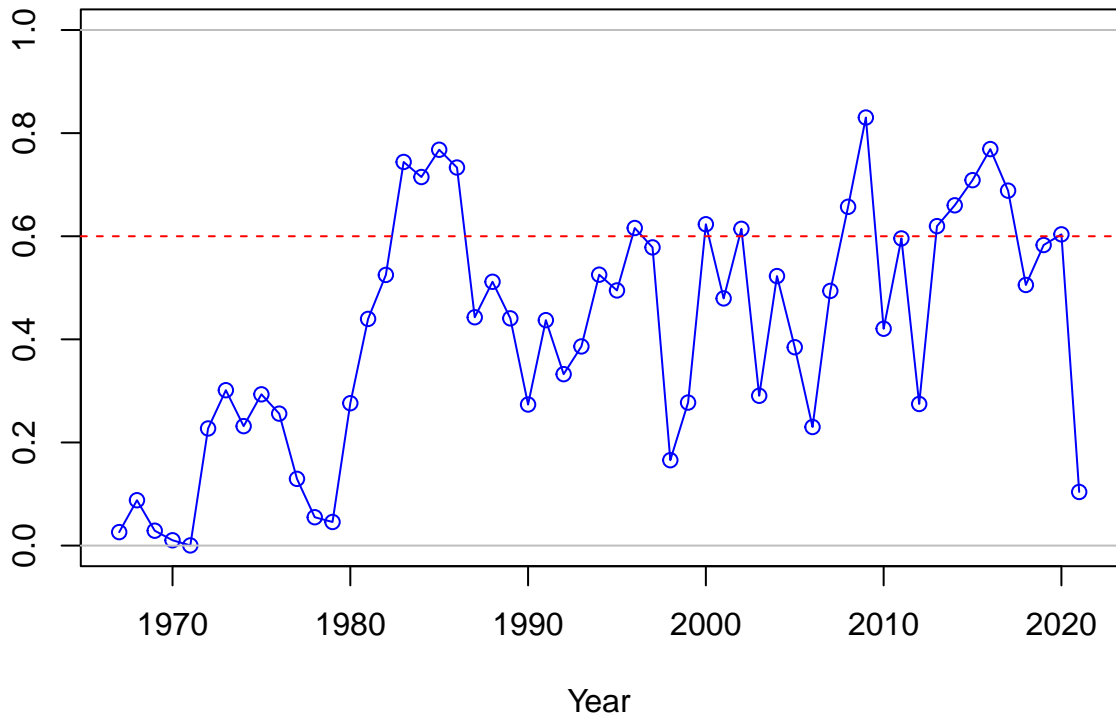




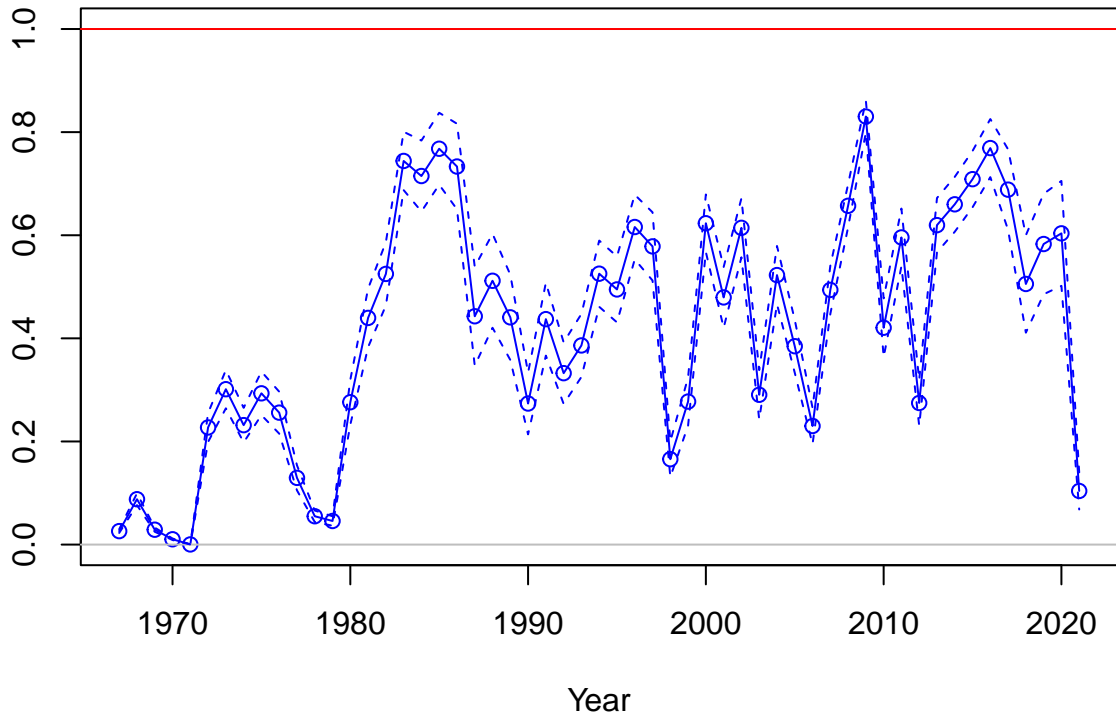
SPR



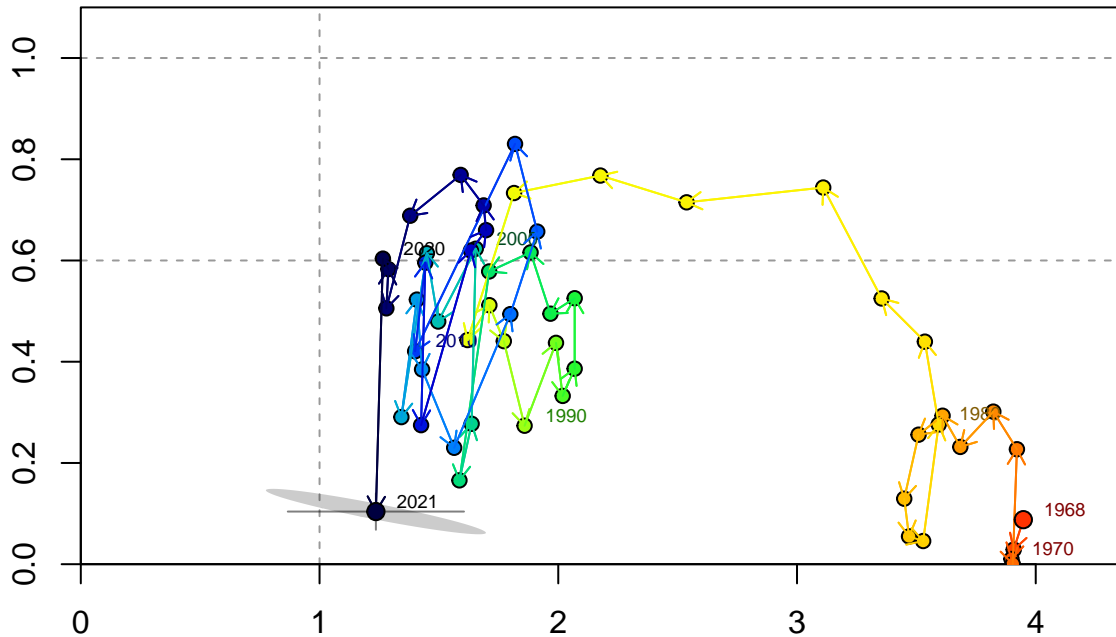
1-SPR



Fishing intensity: 1-SPR



Fishing intensity: 1-SPR



Relative spawning output: B/B_MSY

Index

15
10
5
0

1990

1995

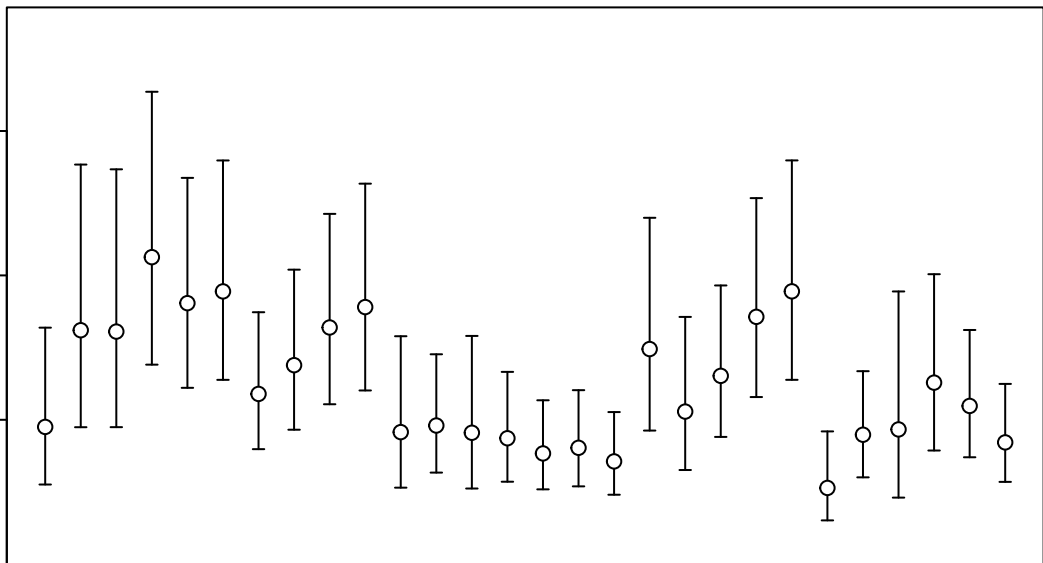
2000

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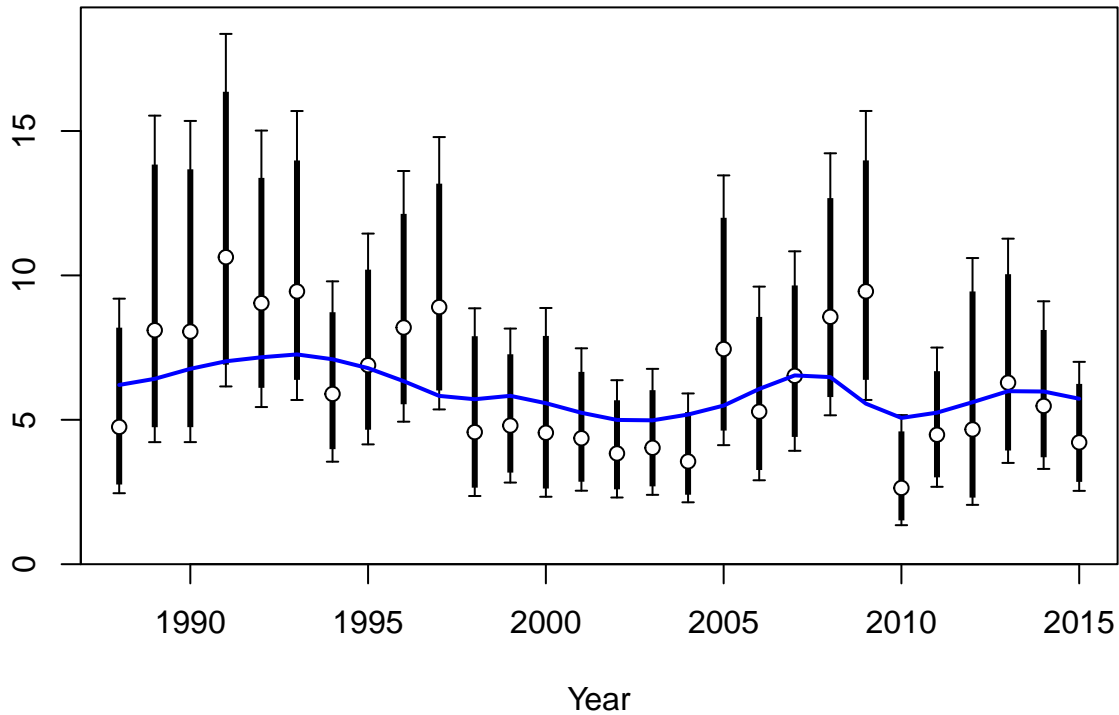
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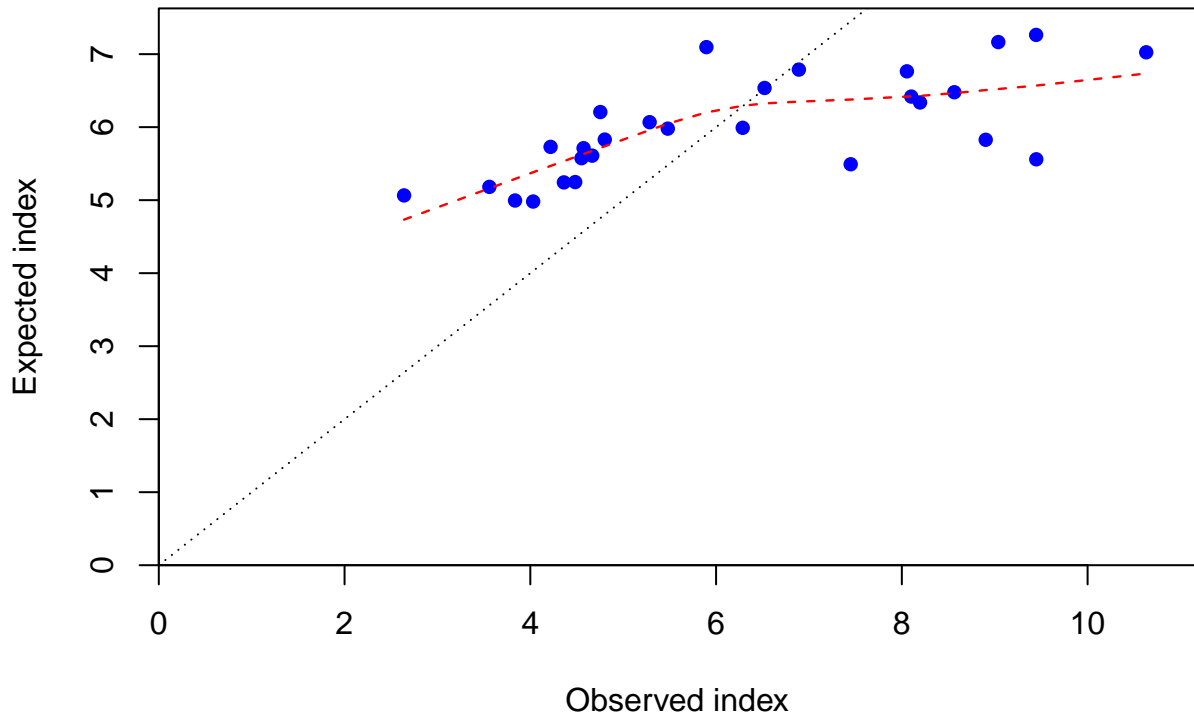
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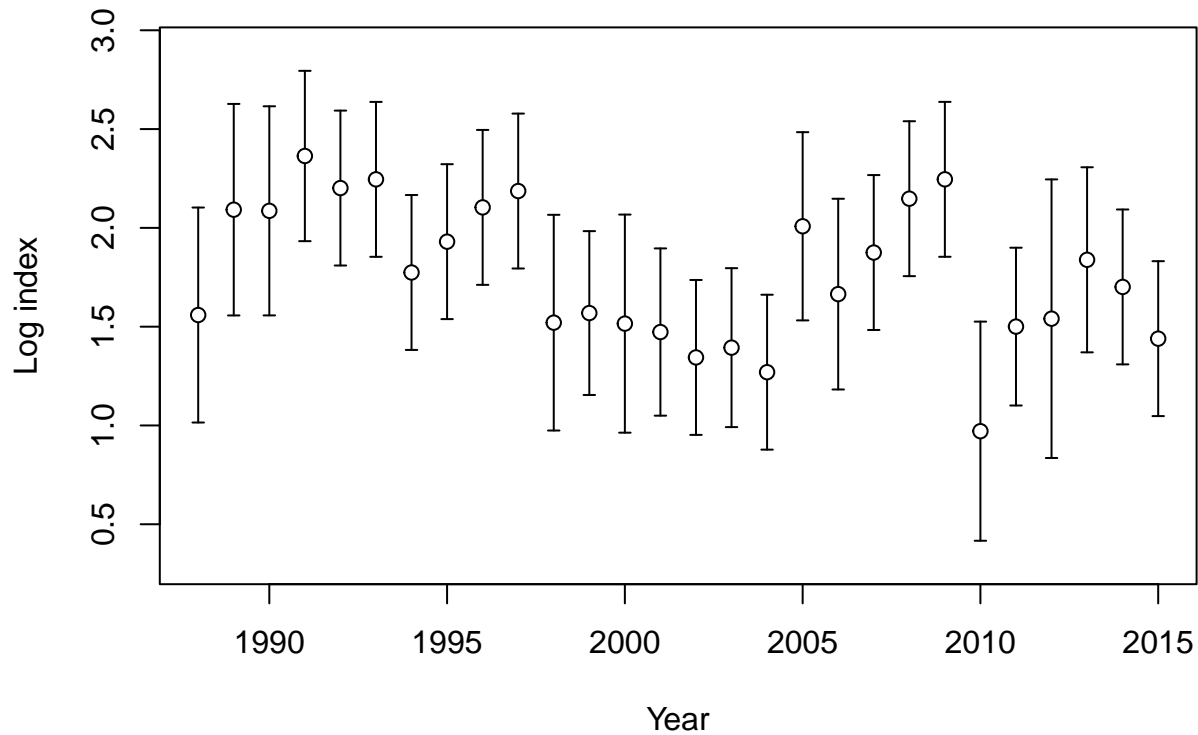
Year

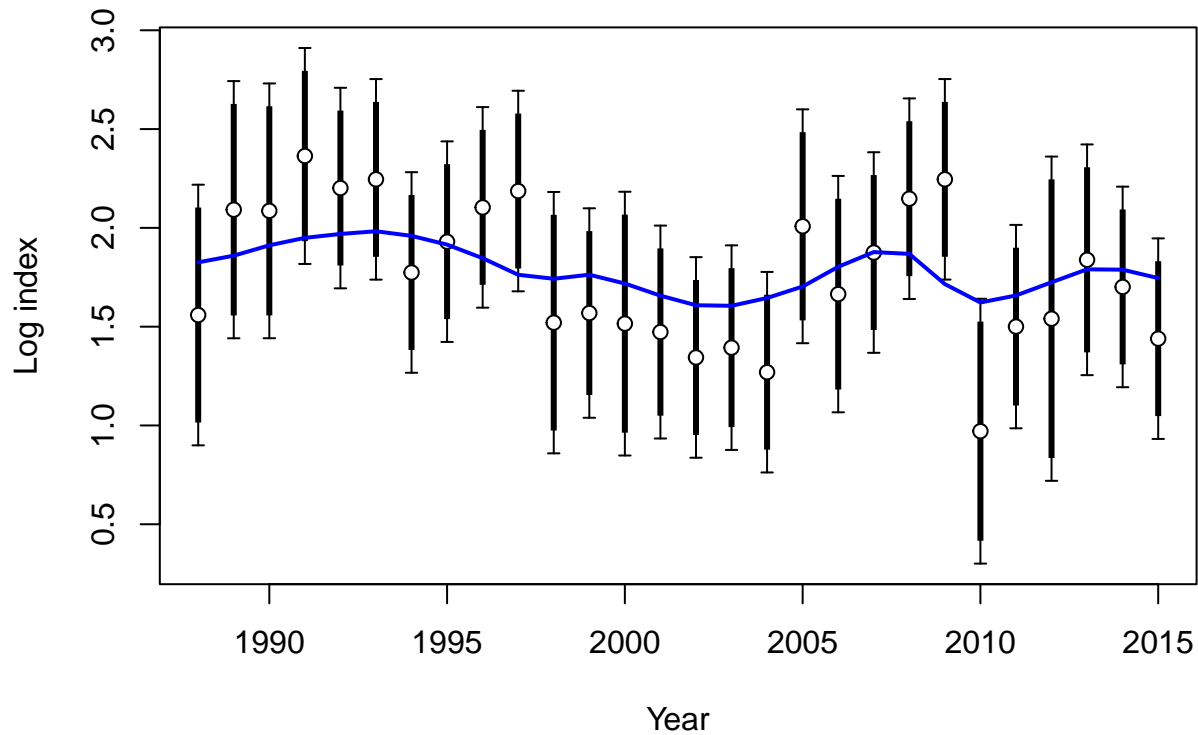


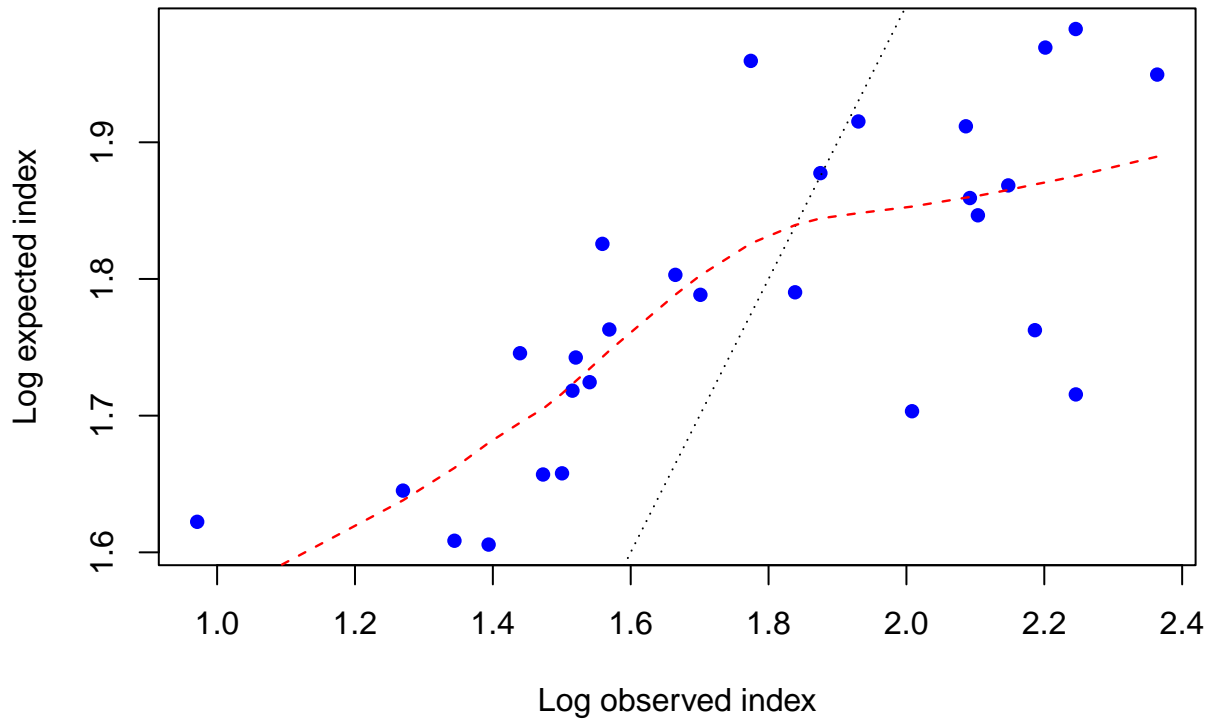
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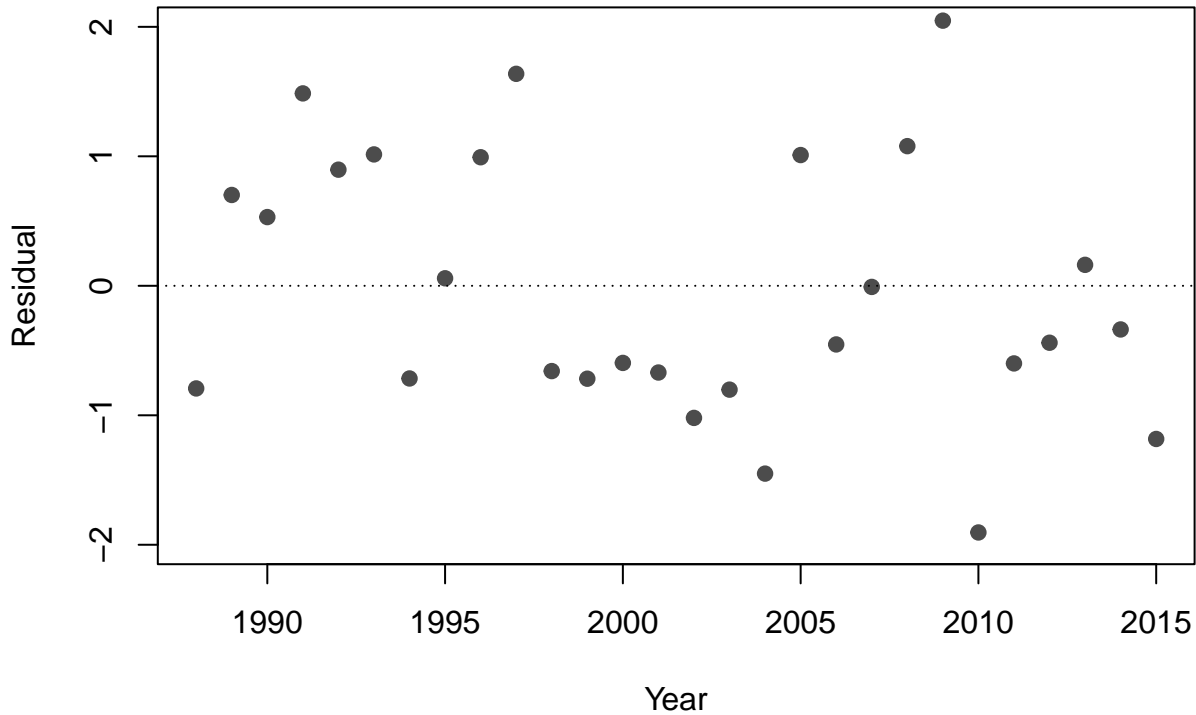


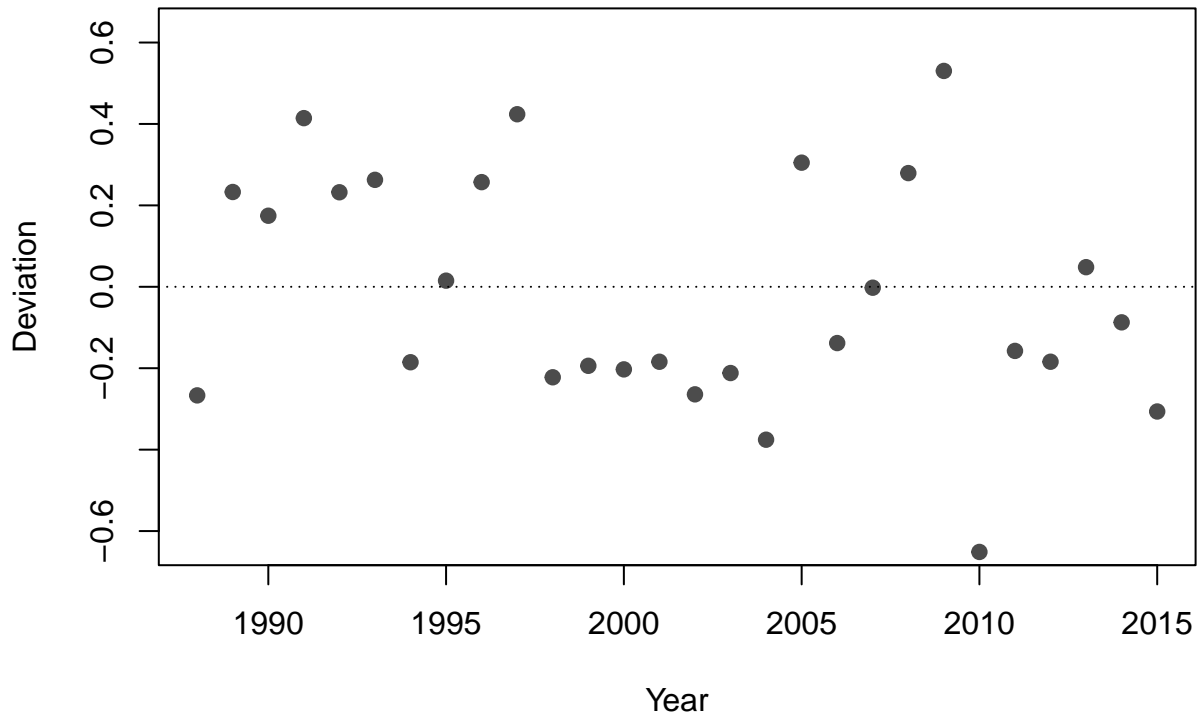


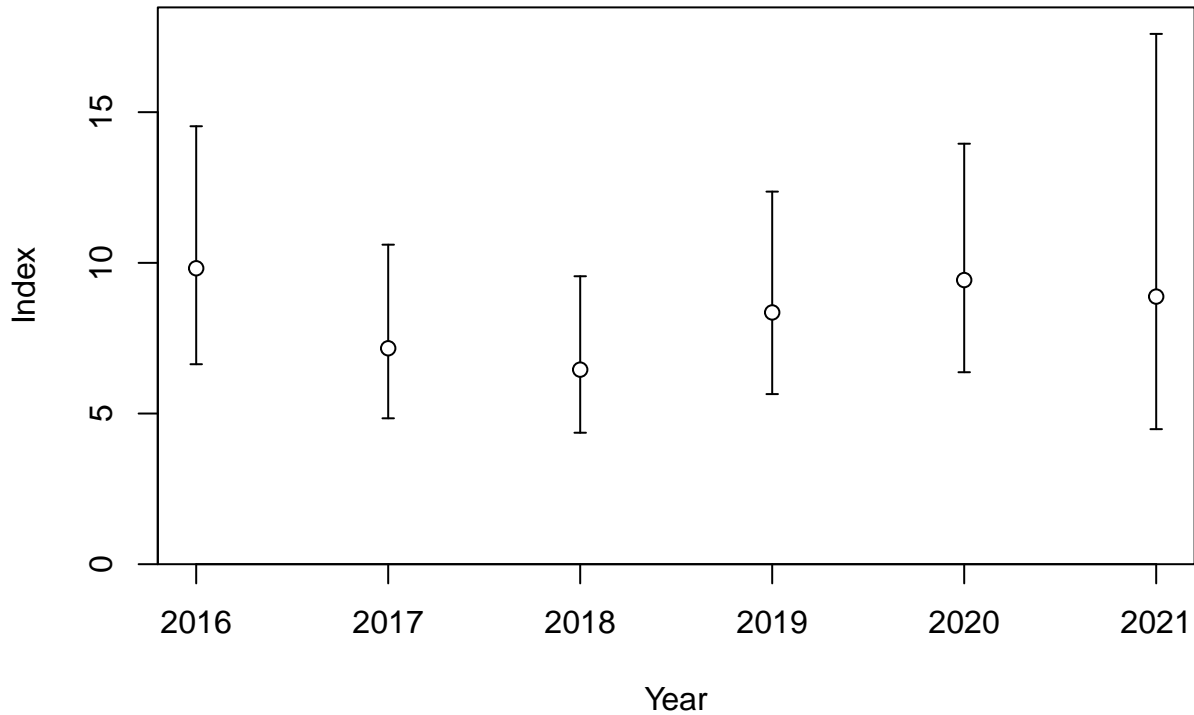


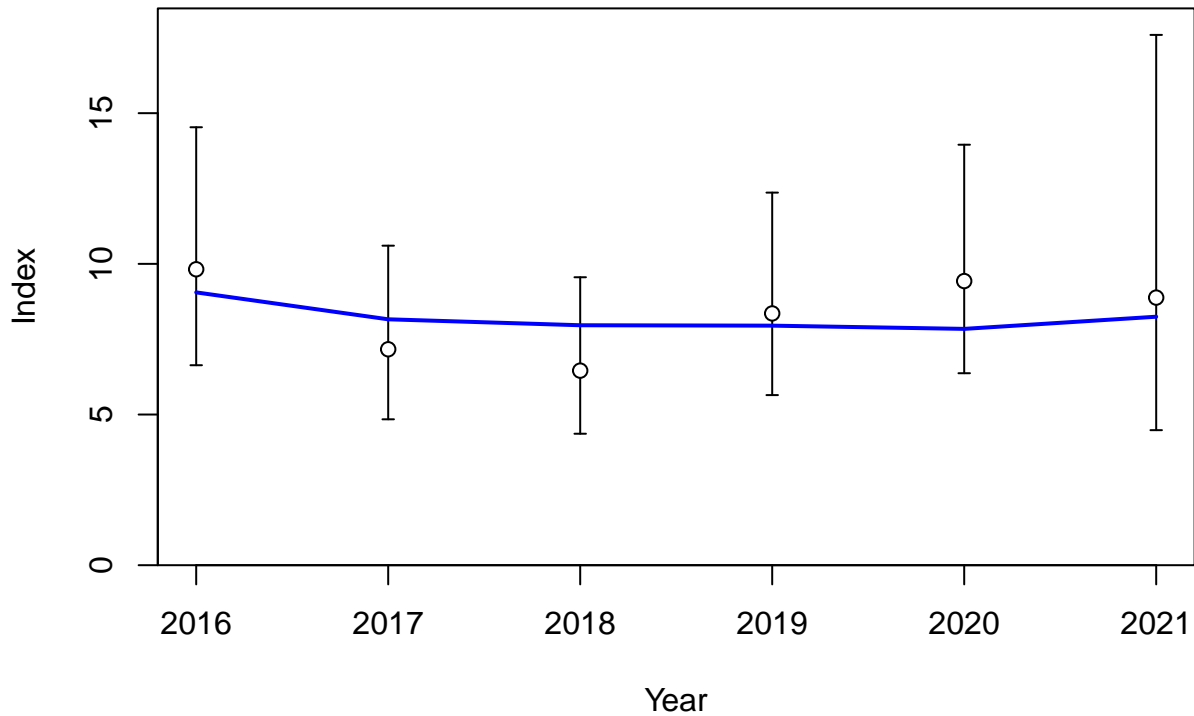


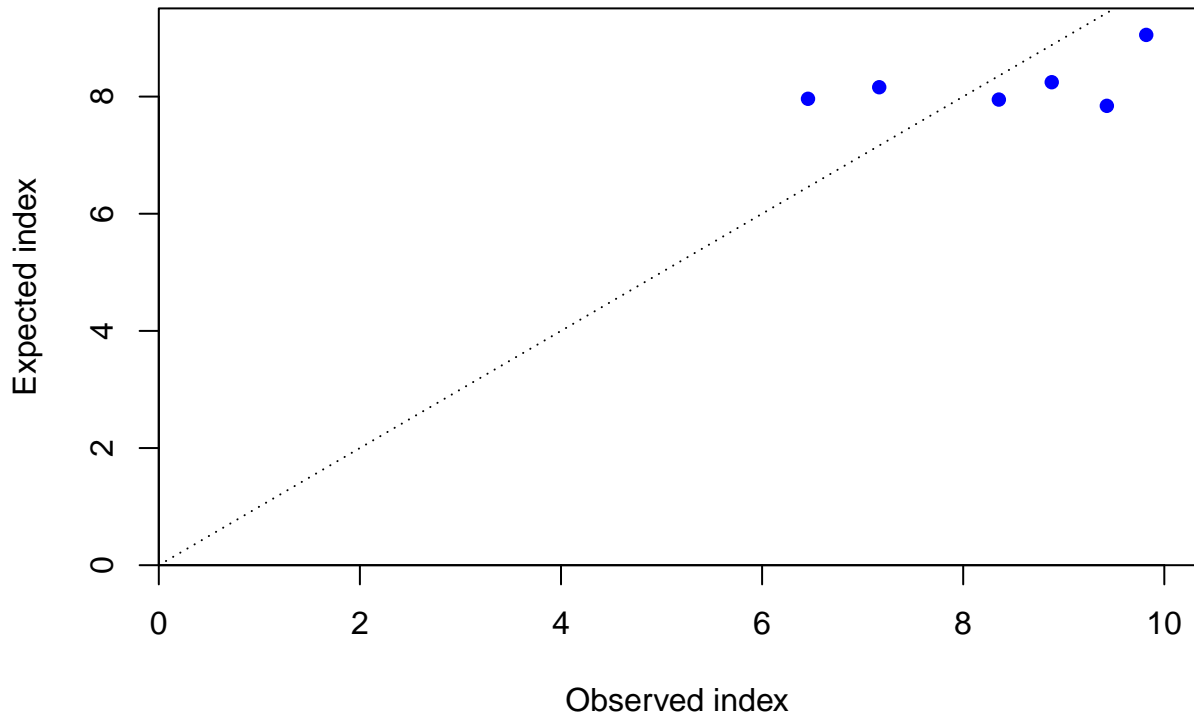


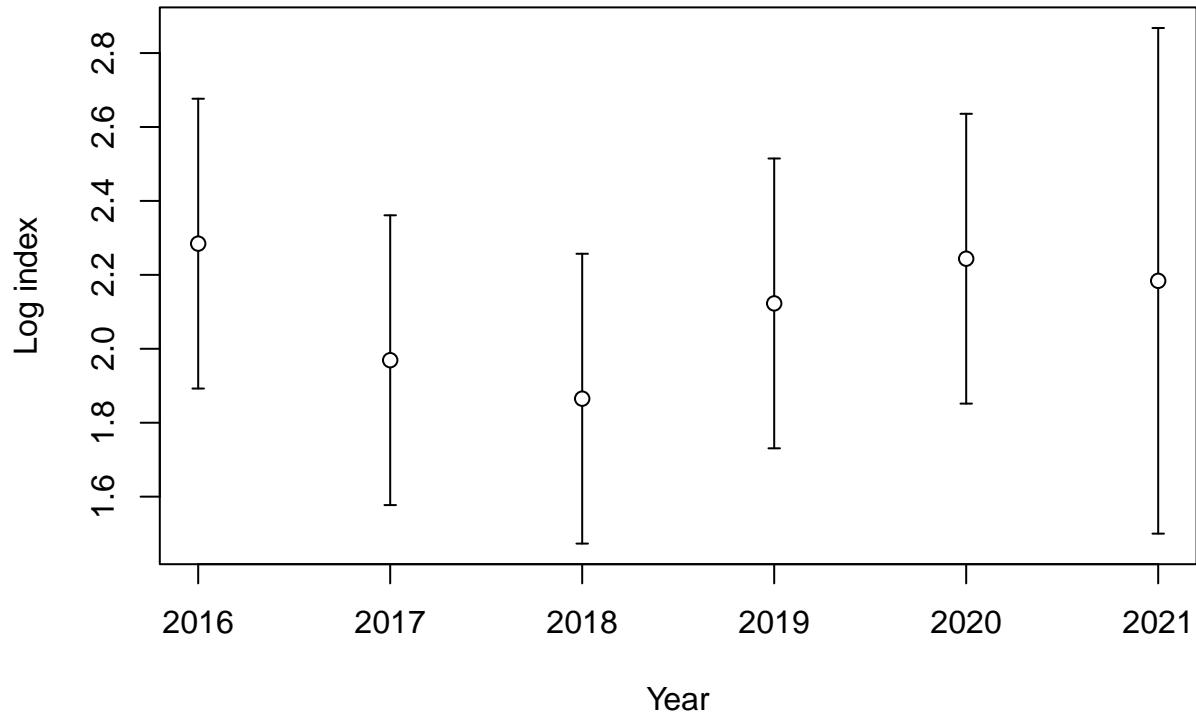


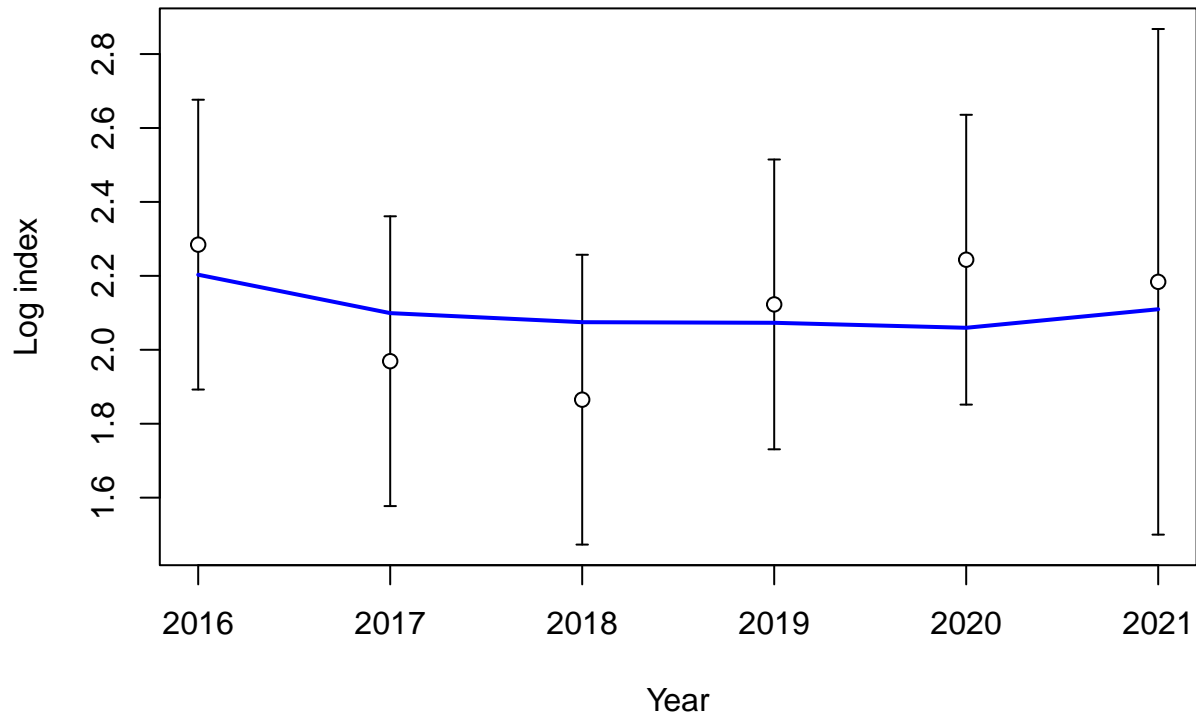


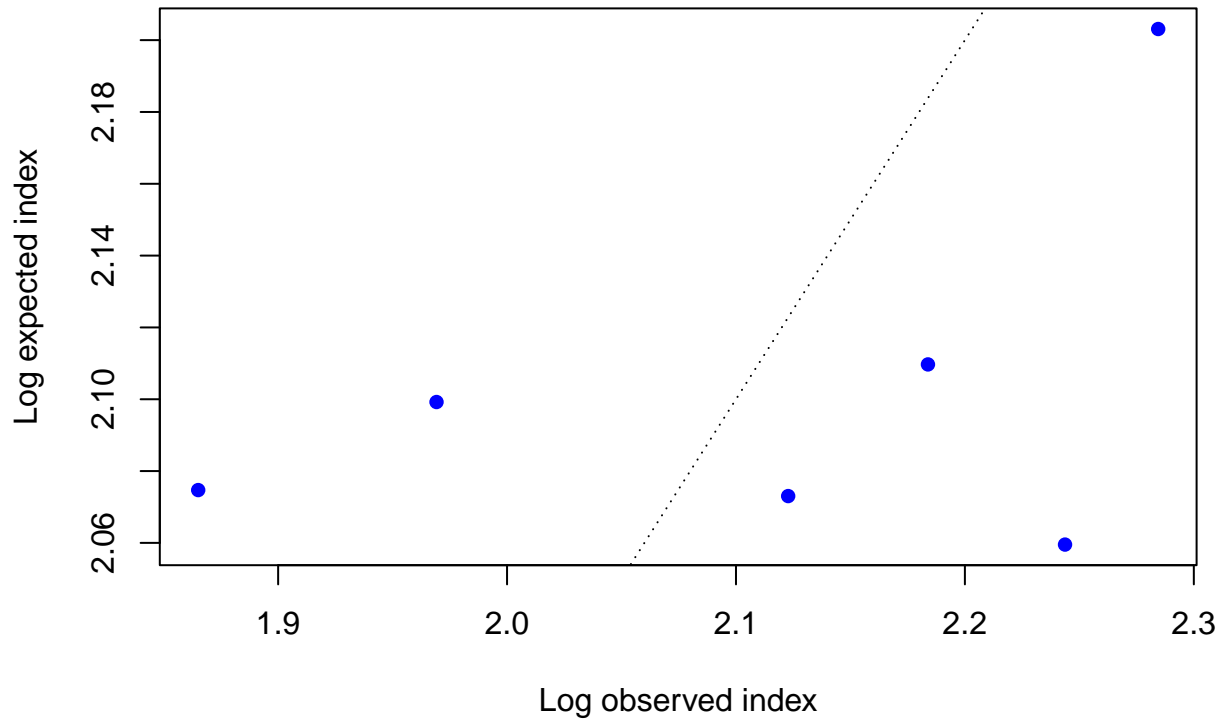




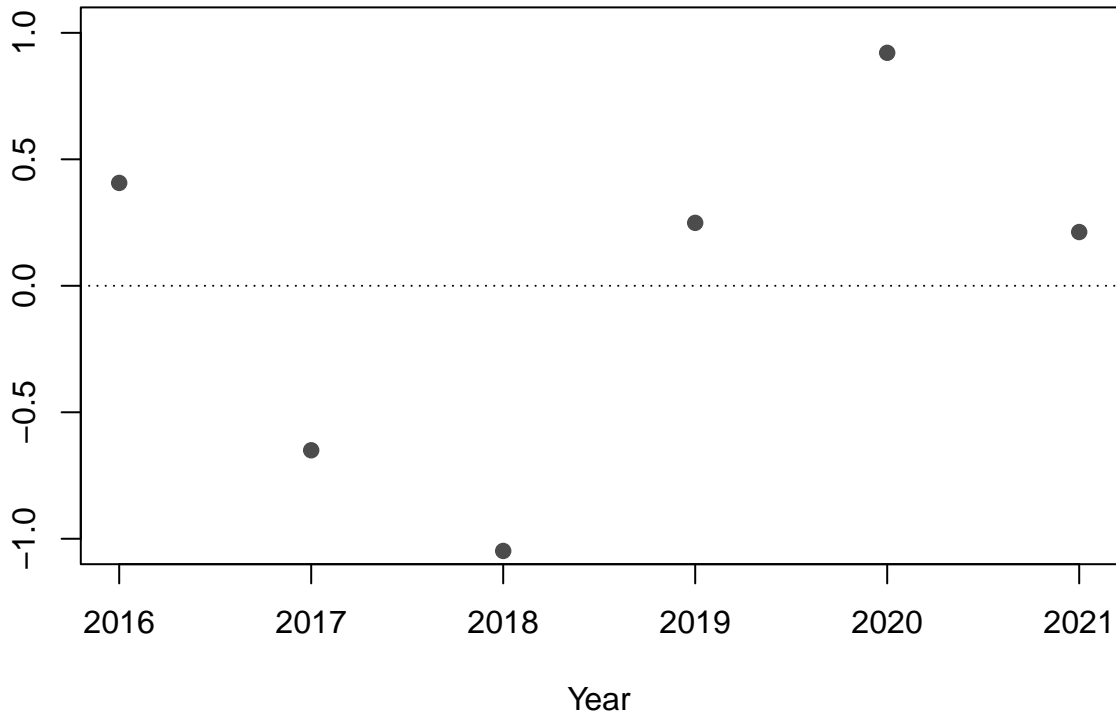


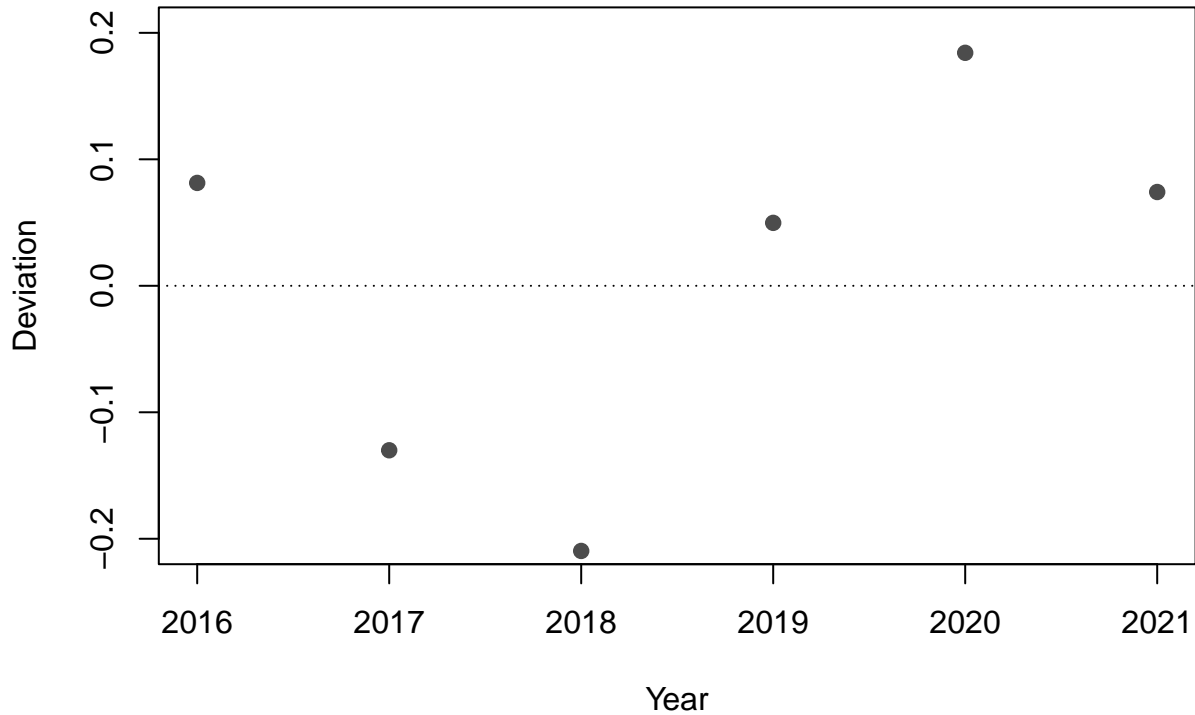


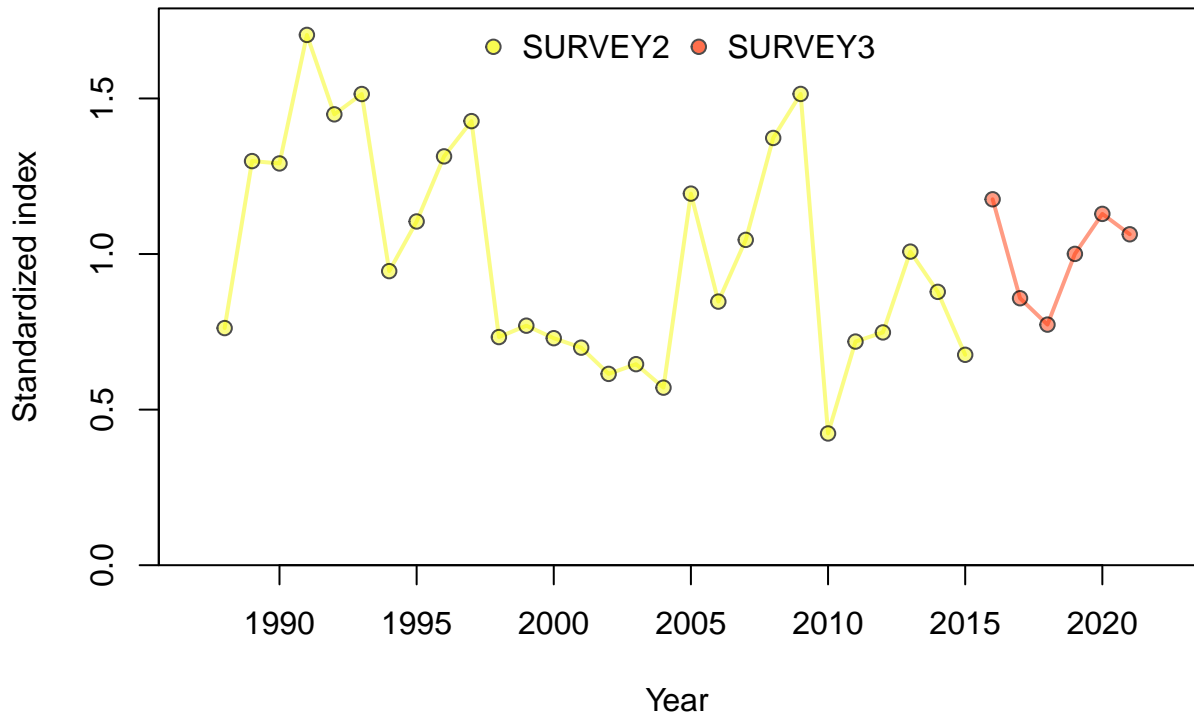


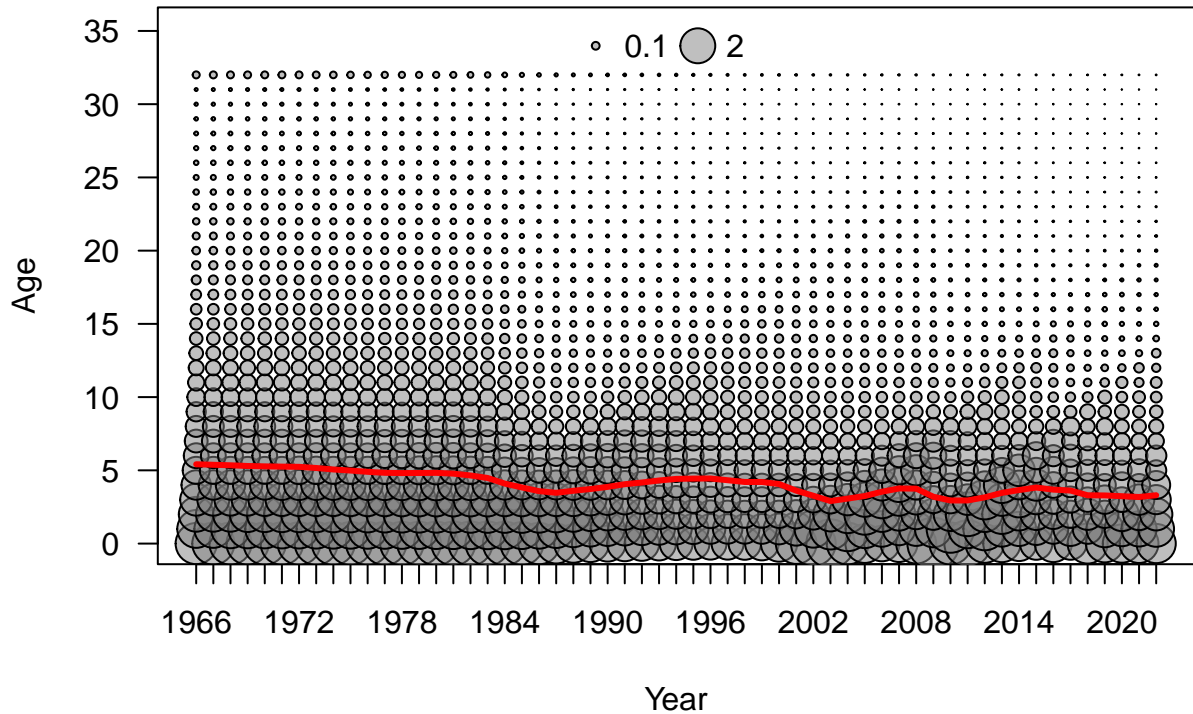


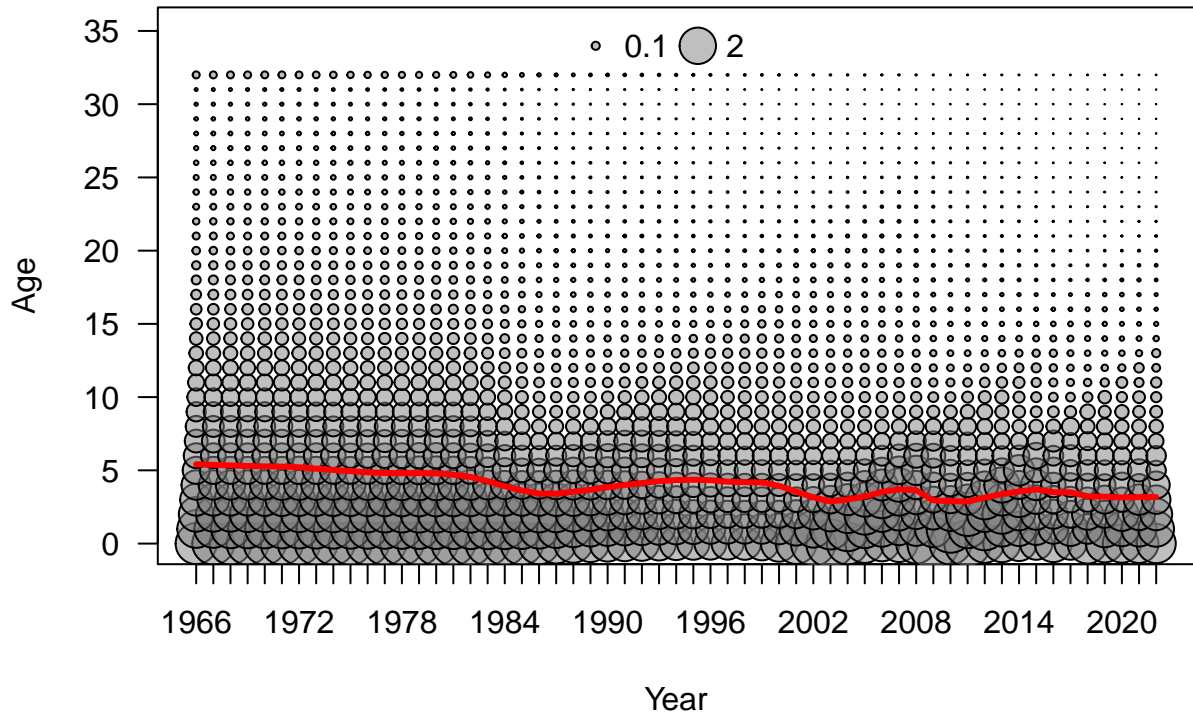
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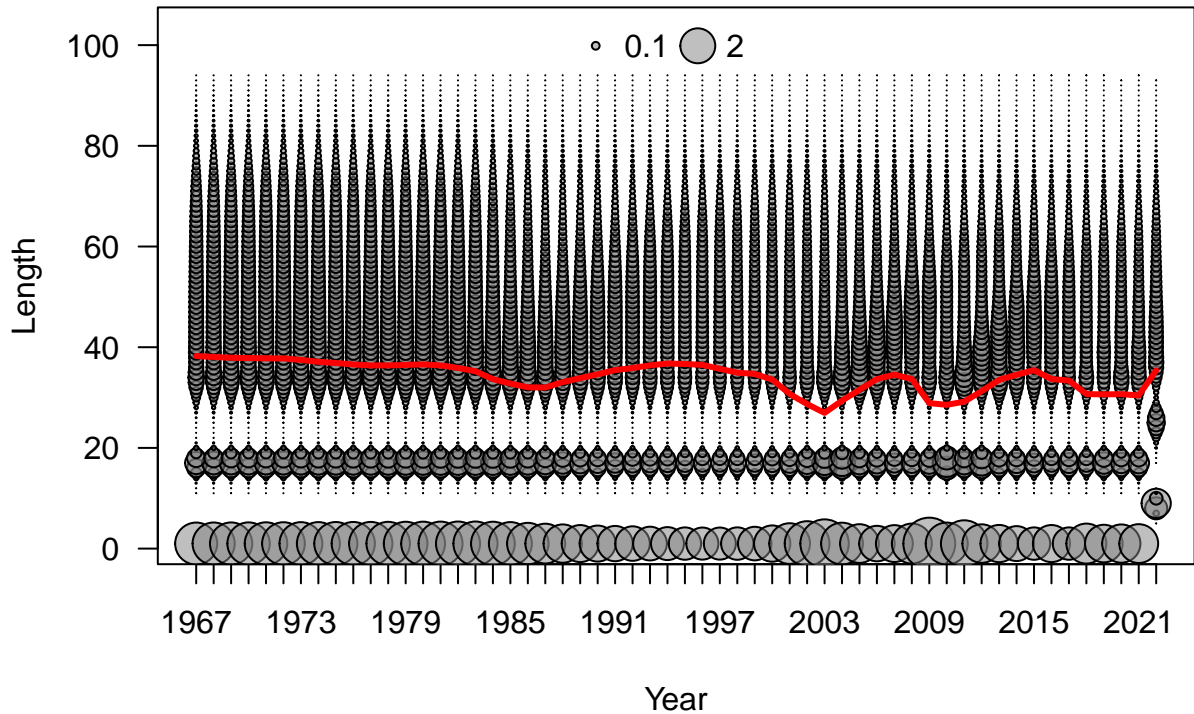


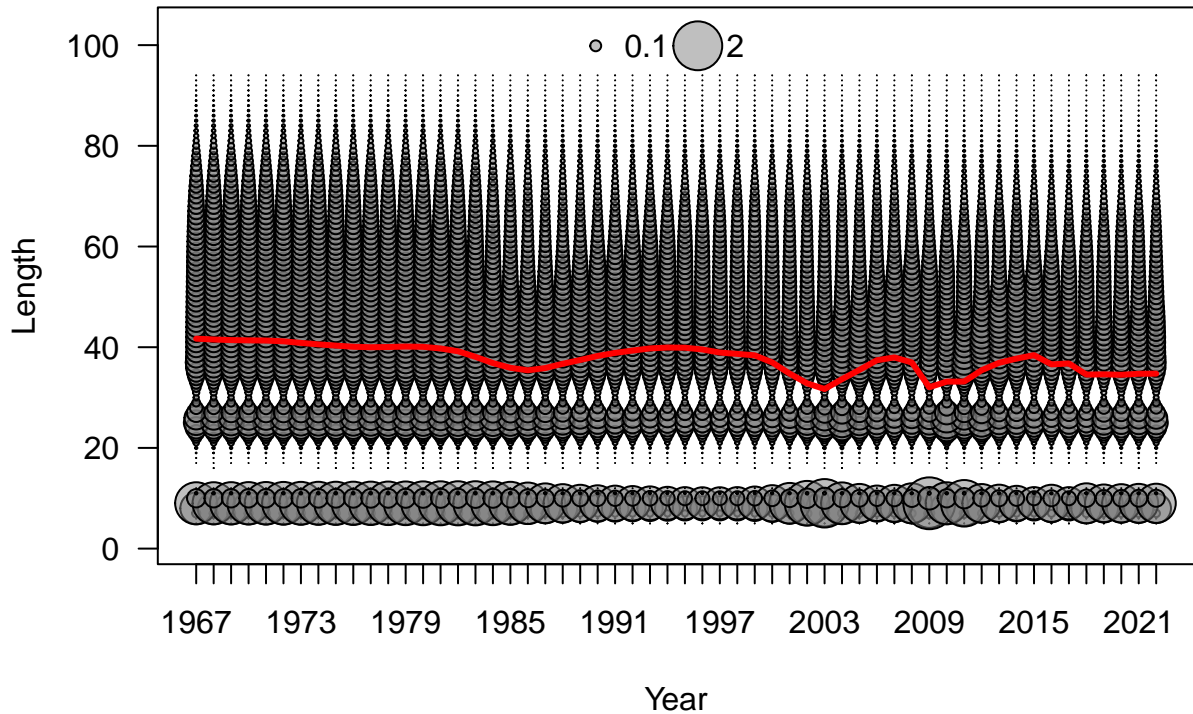


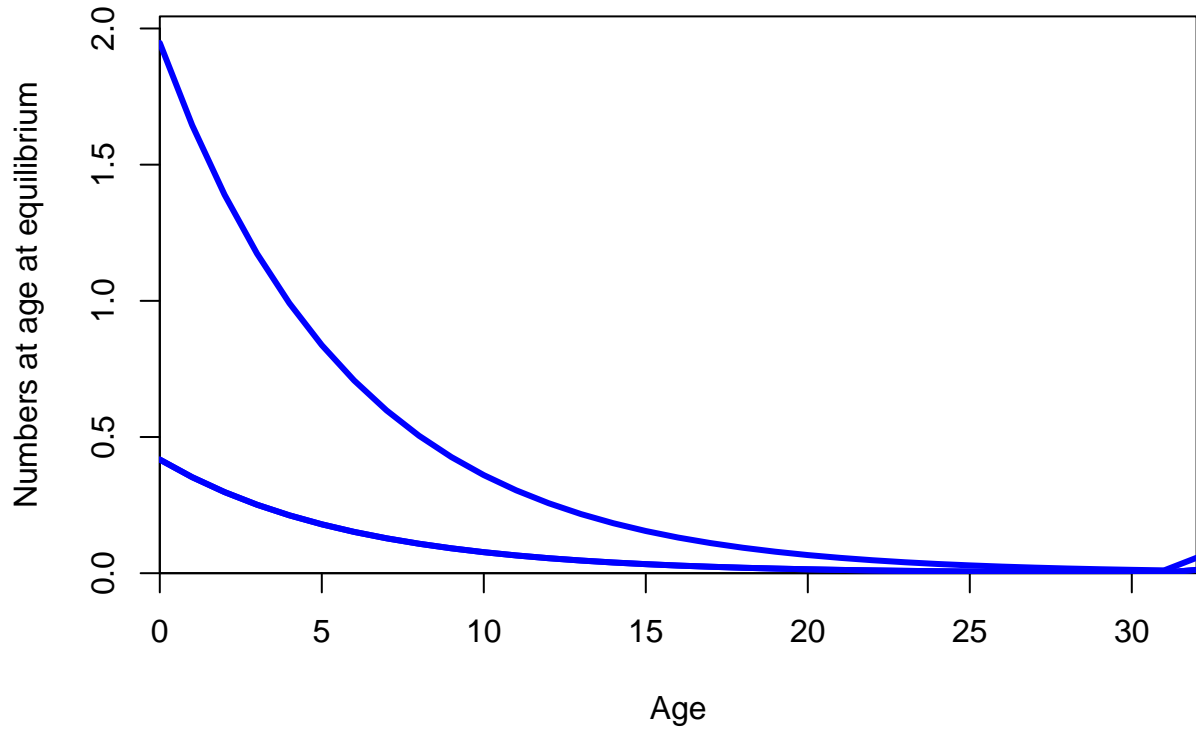






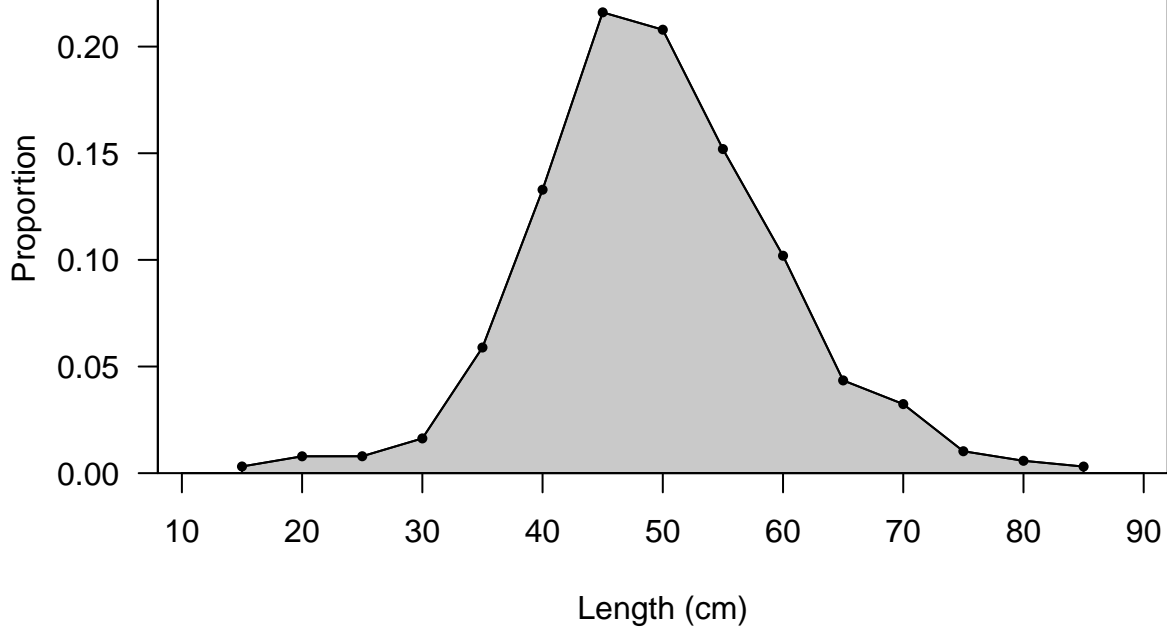


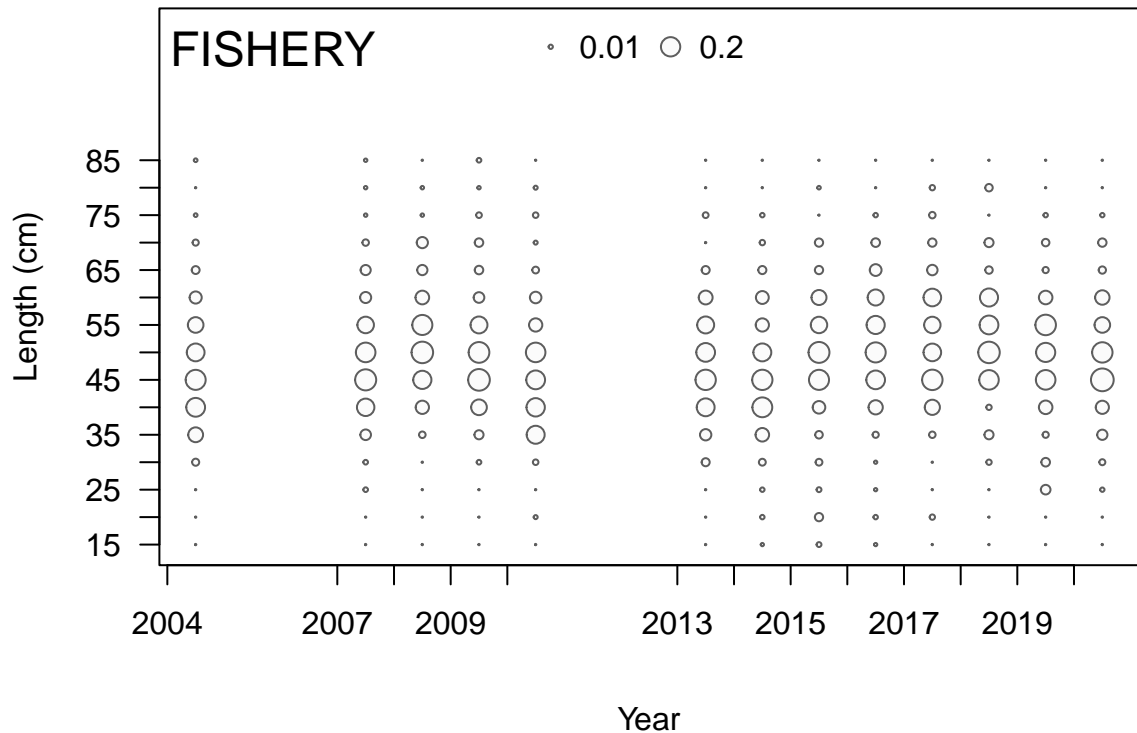




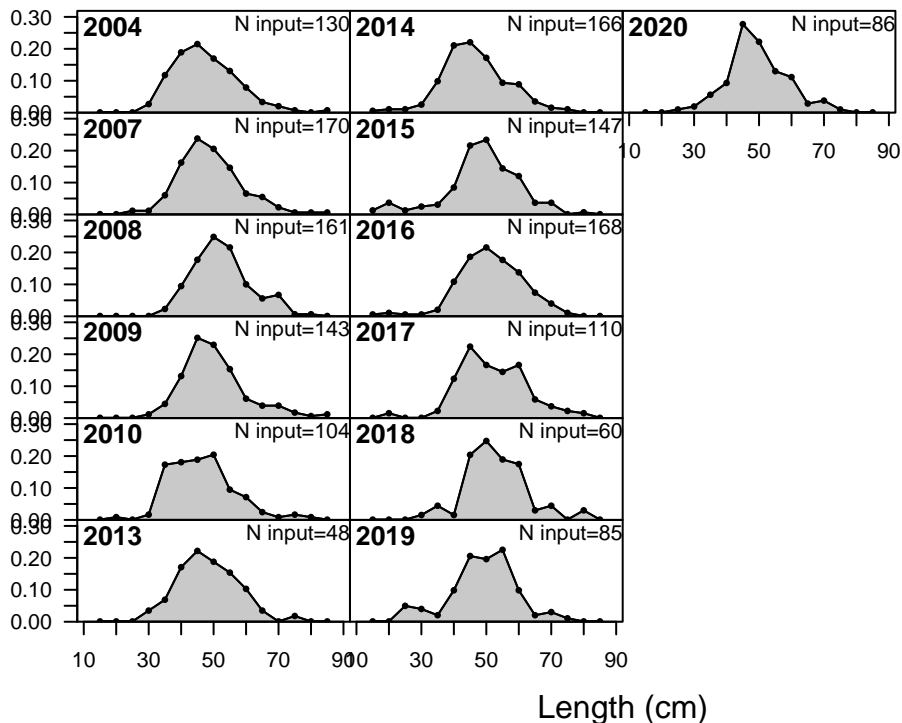
FISHERY

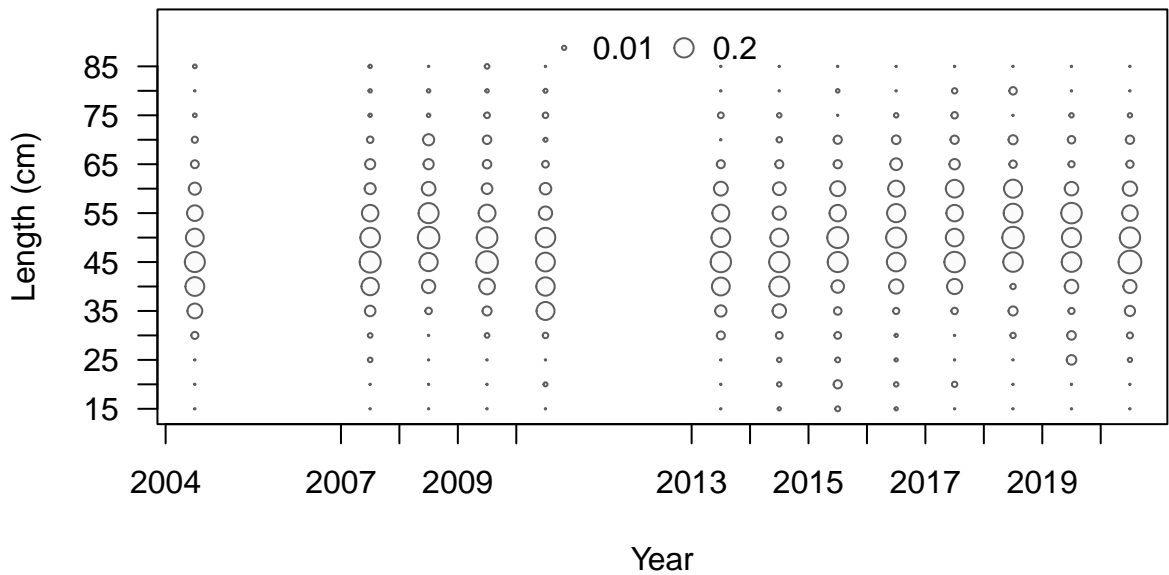
Sum of N input=1578



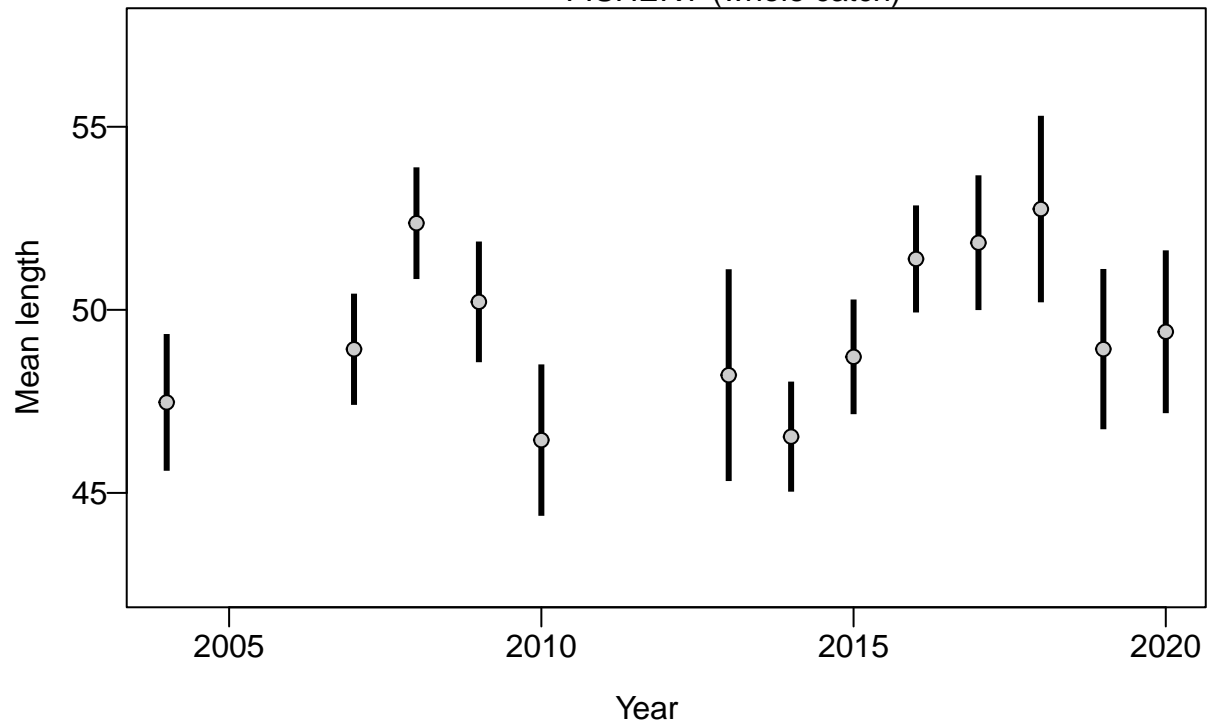


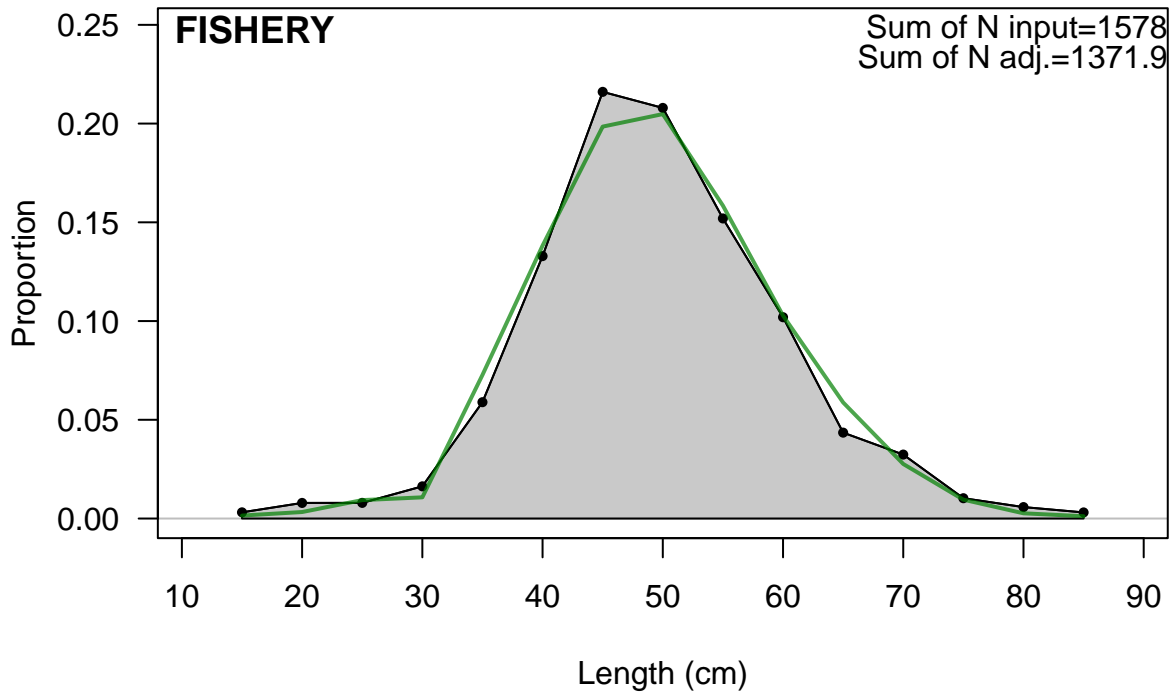
Proportion

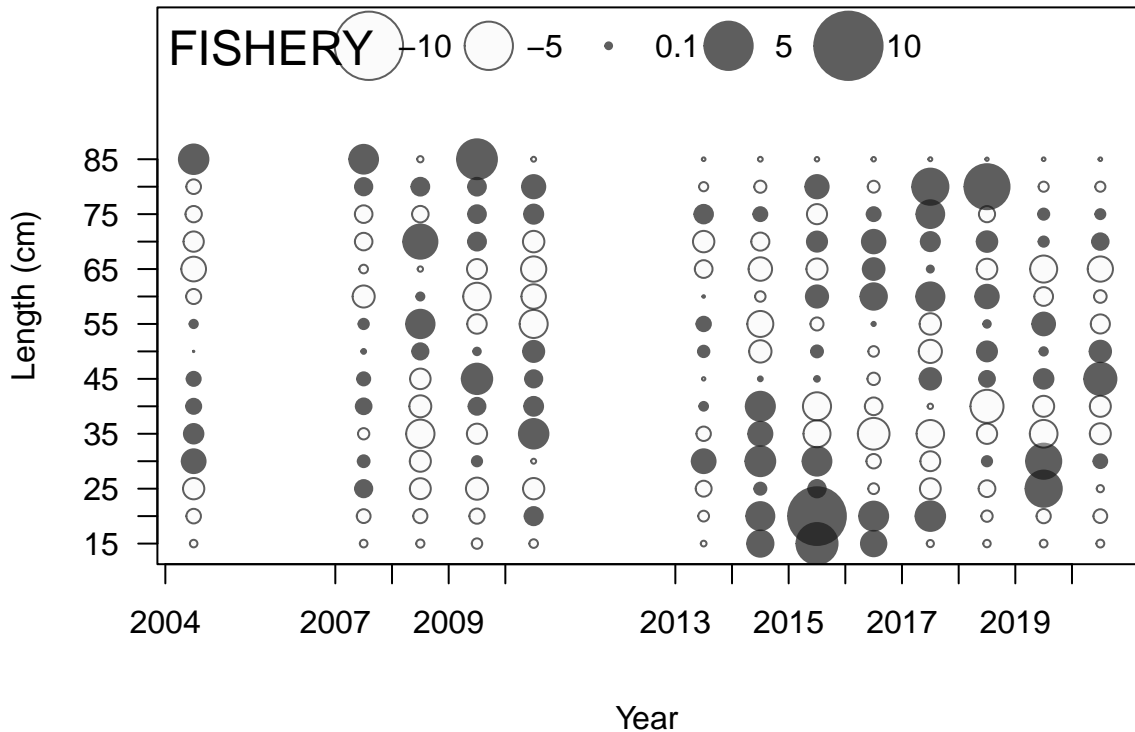


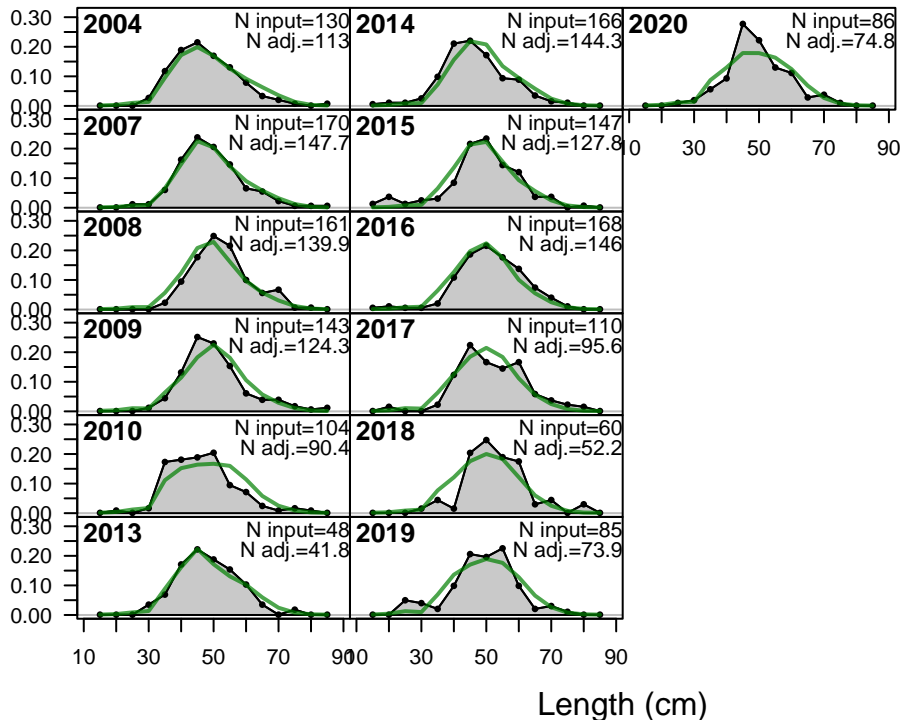


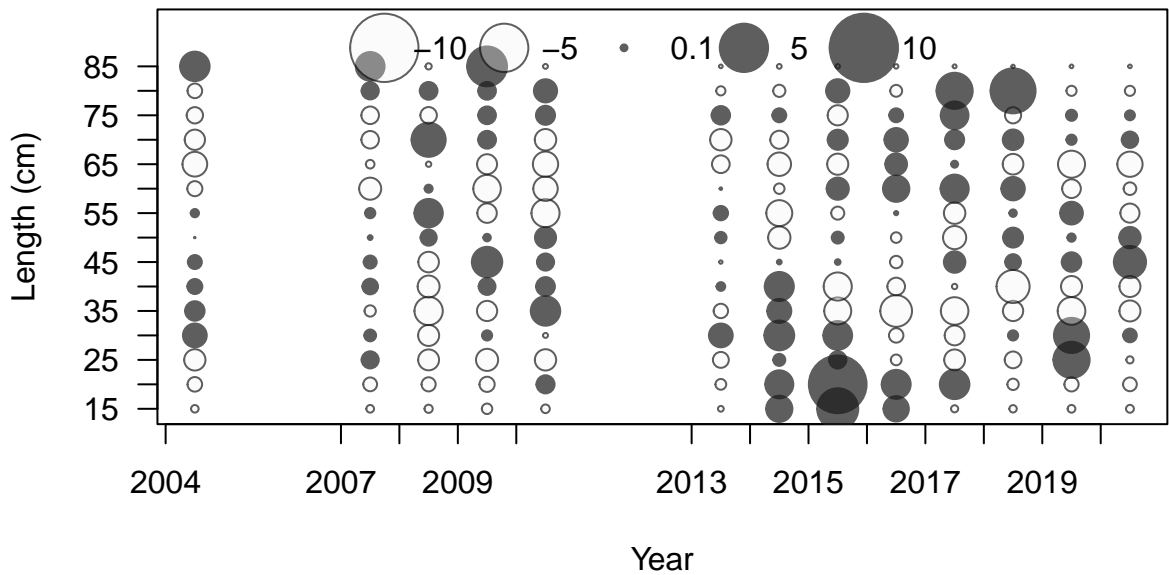
FISHERY (whole catch)



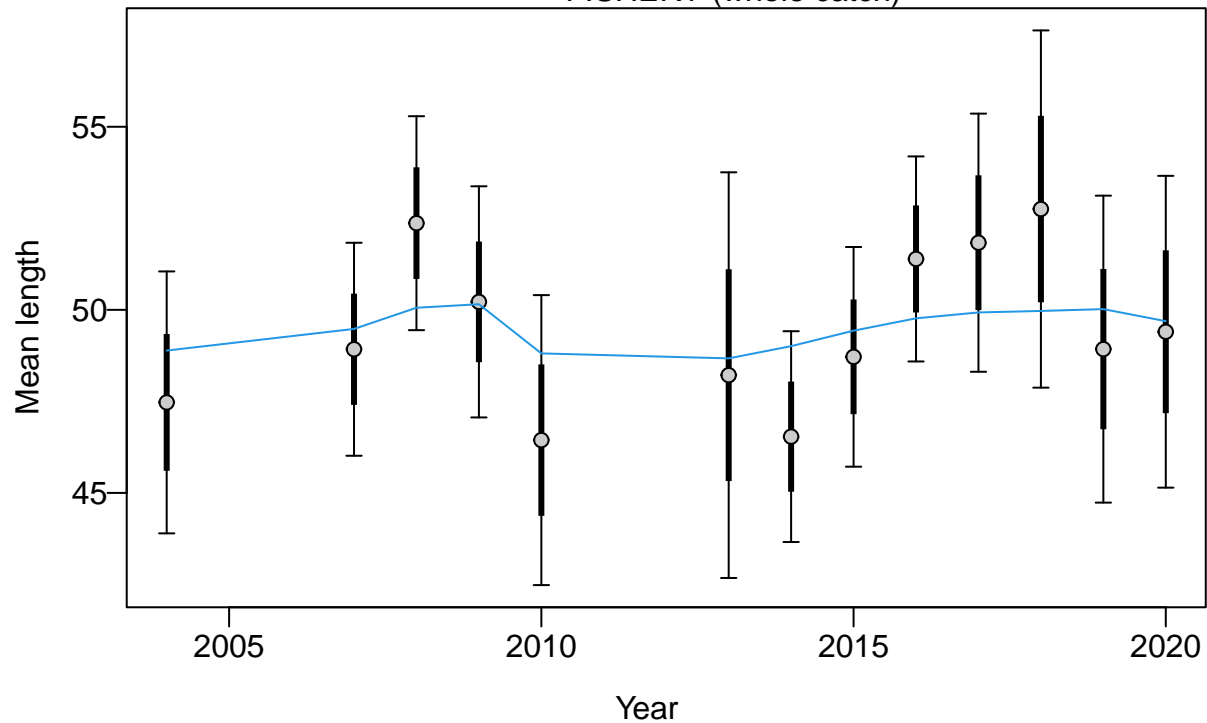


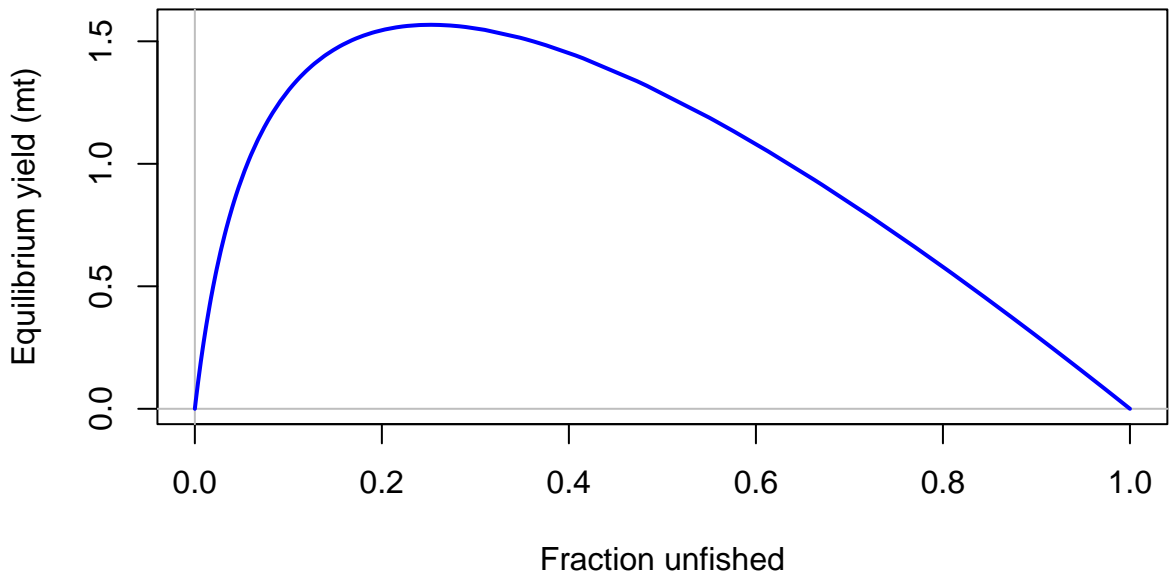


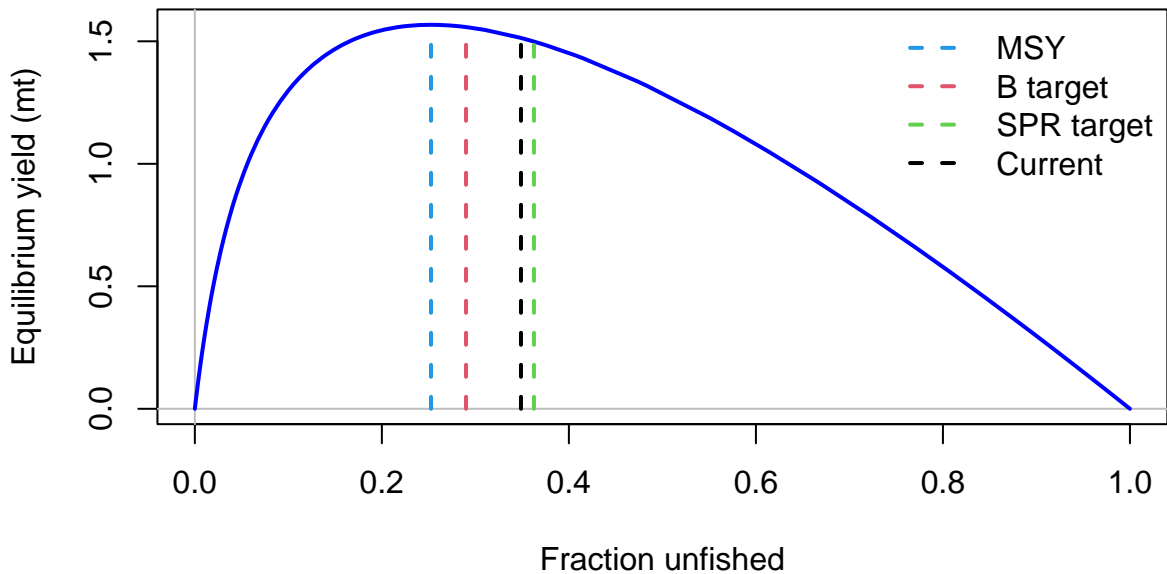


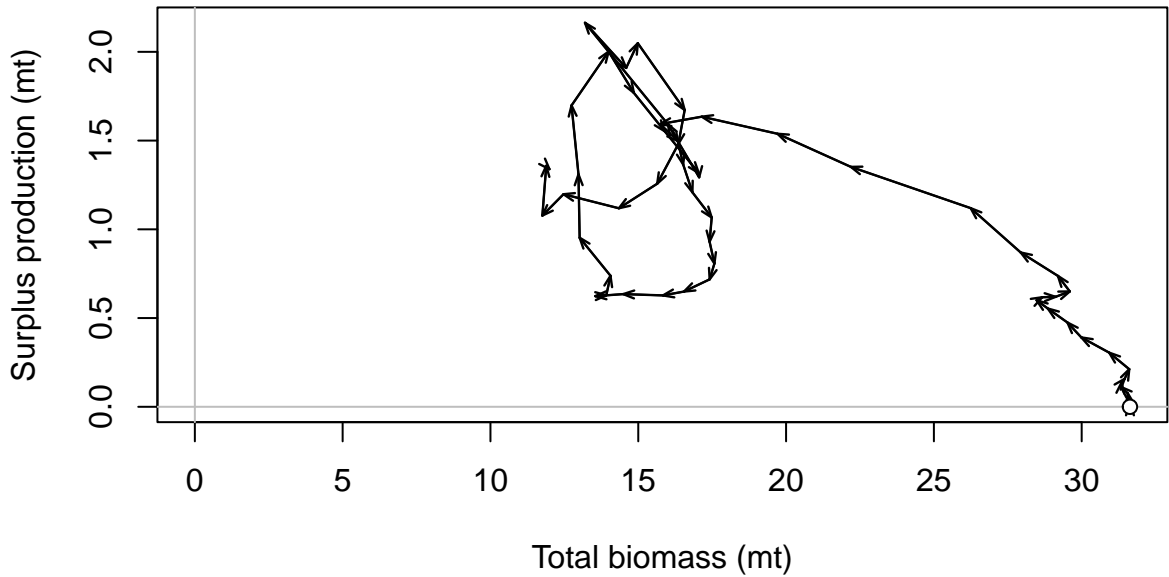


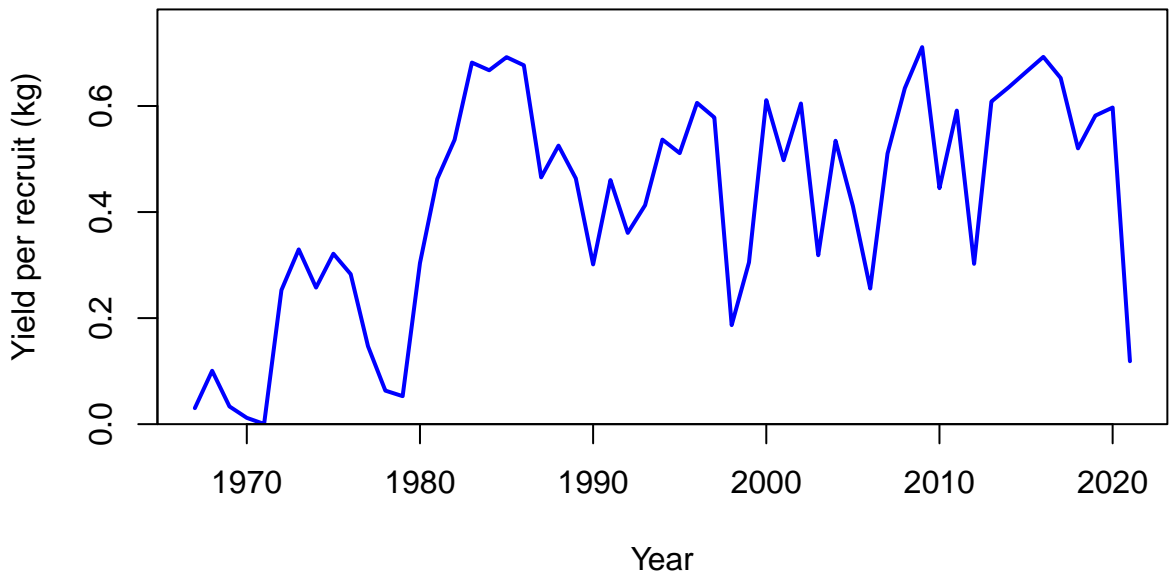
FISHERY (whole catch)

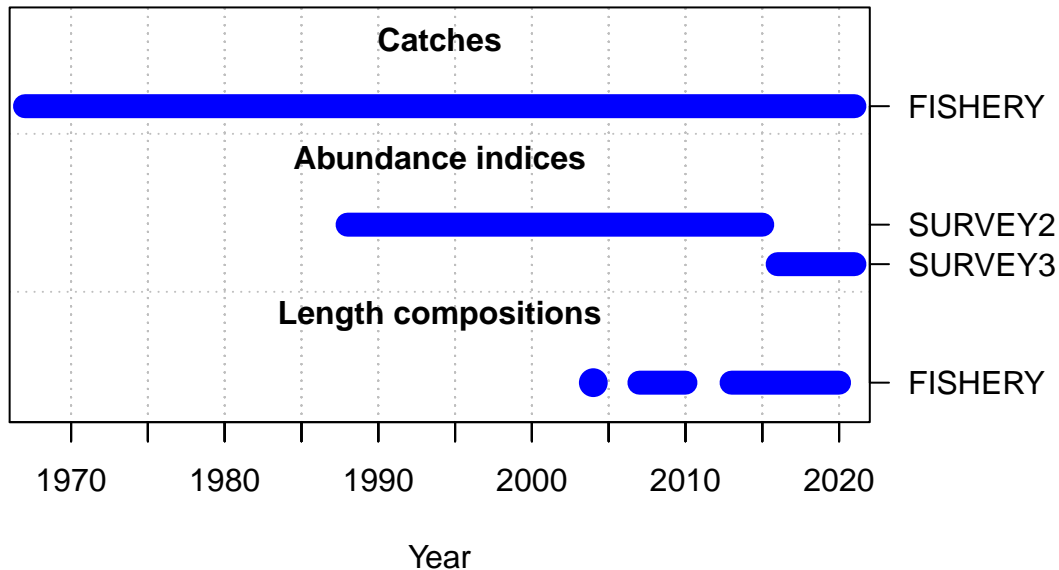


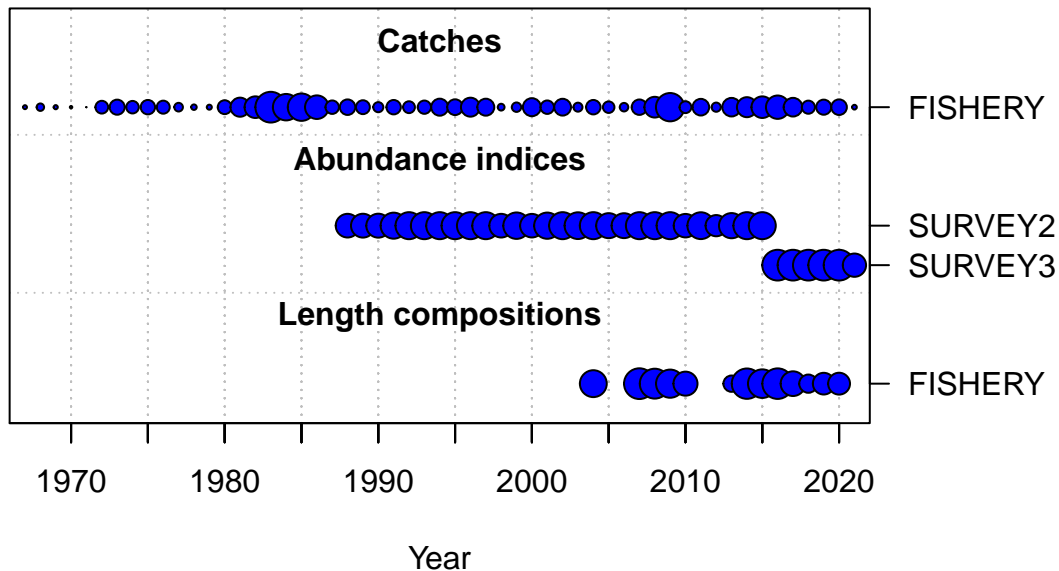




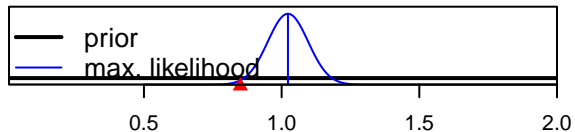




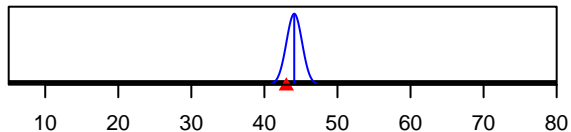




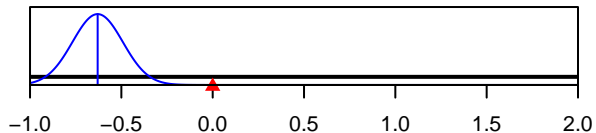
SR_LN(R0)



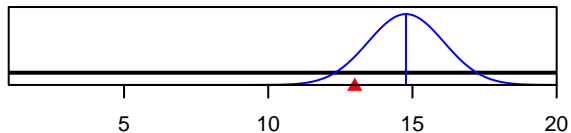
Size_inflection_FISHERY(1)



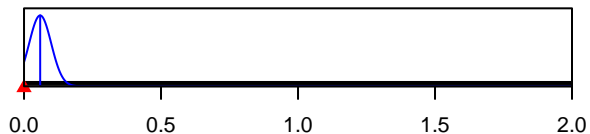
LnQ_base_SURVEY2(2)



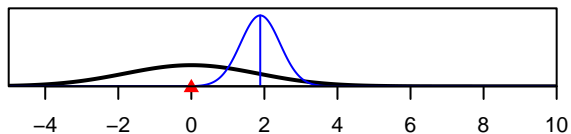
Size_95%width_FISHERY(1)



Q_extraSD_SURVEY2(2)



ln(DM_theta)_1



LnQ_base_SURVEY3(3)

