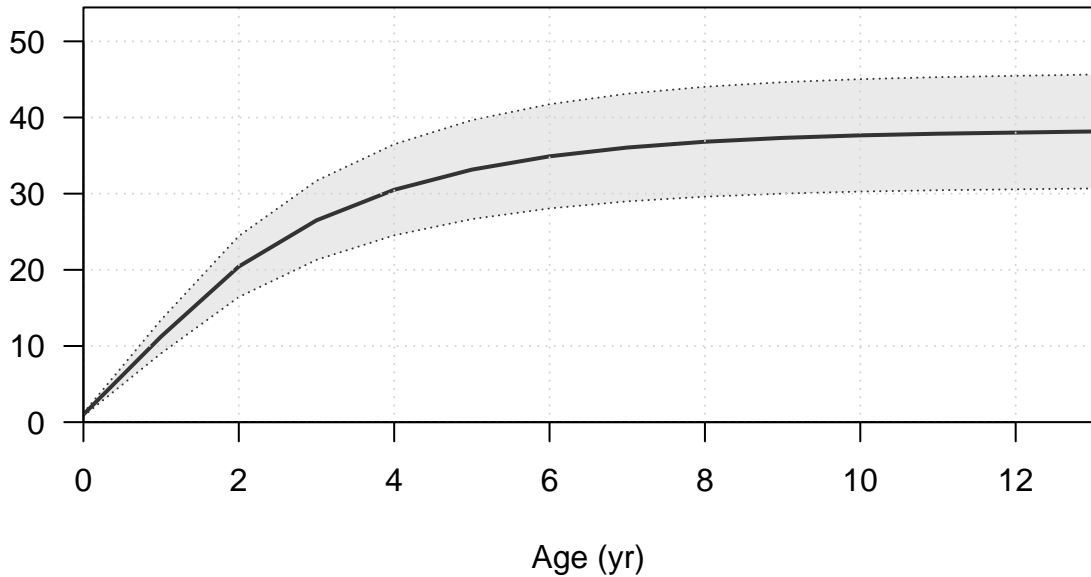
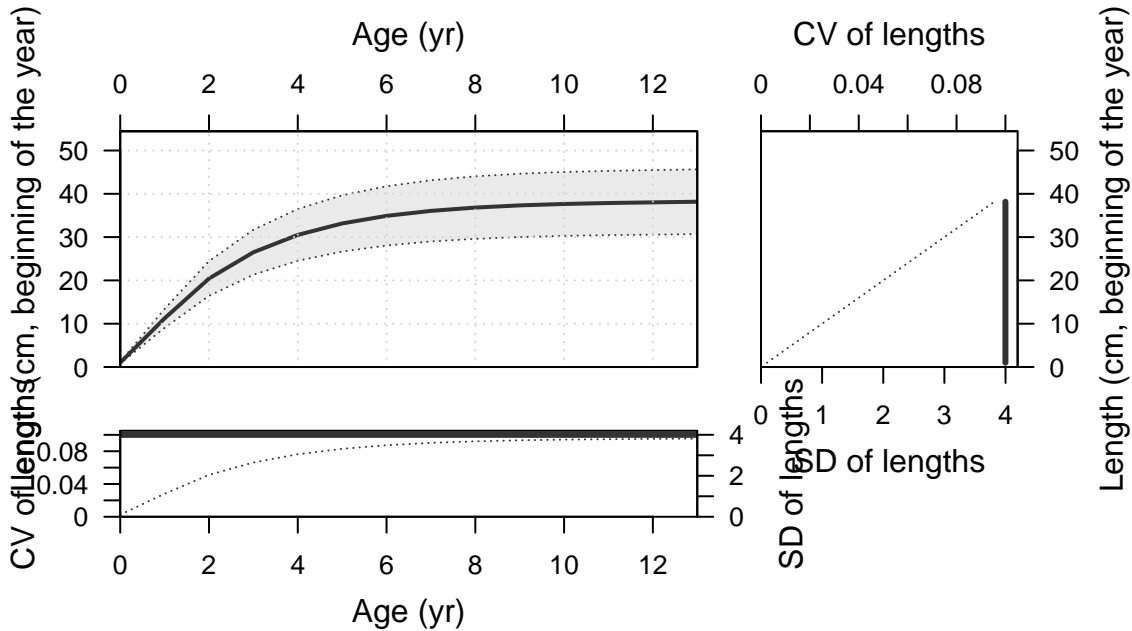
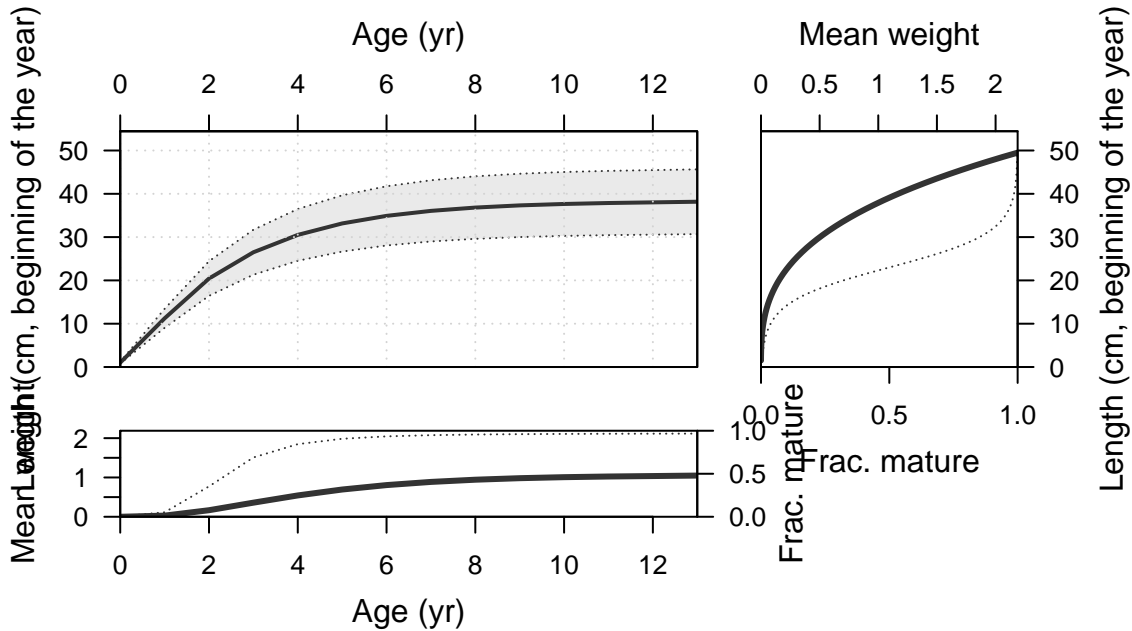


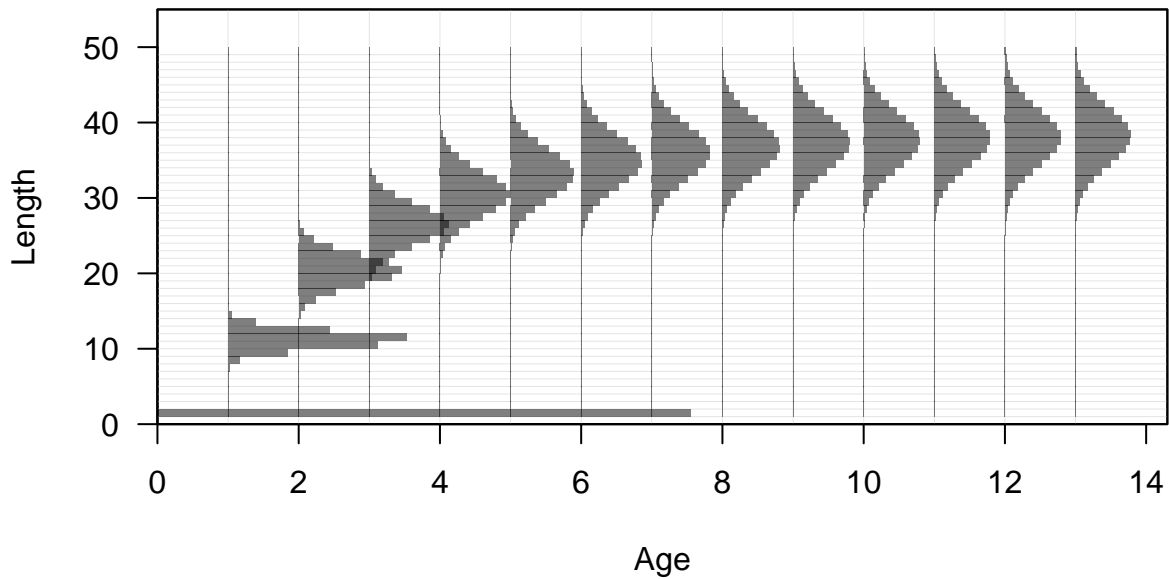
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Stock Synthesis version: 3.30.19.0
StartTime: Mon Jun 20 13:05:50 2022
Data_File: data.ss
Control_File: control.ss

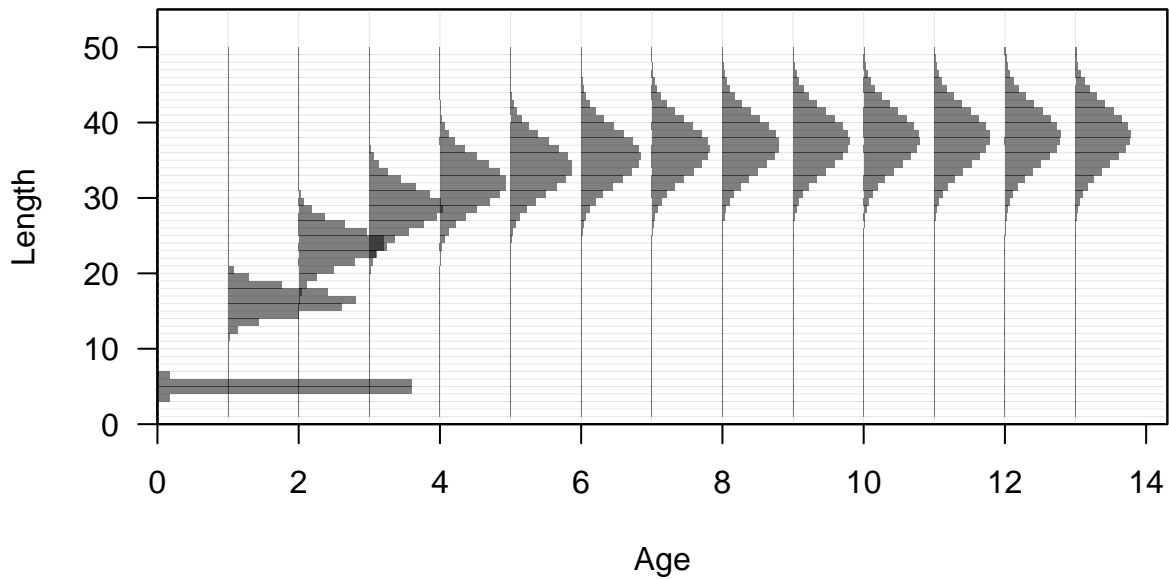
Length (cm, beginning of the year)

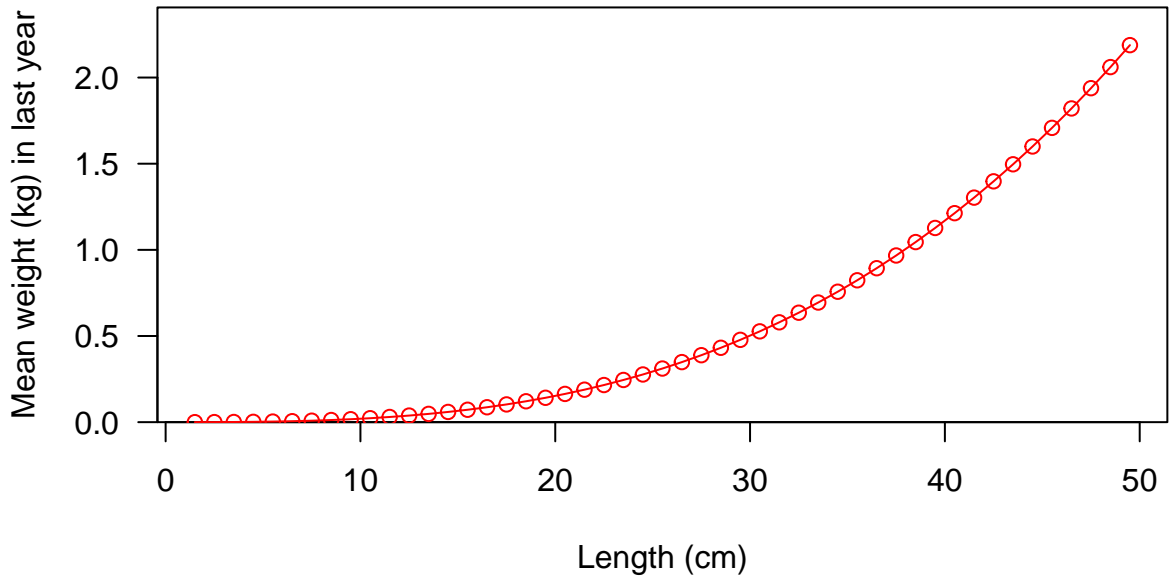


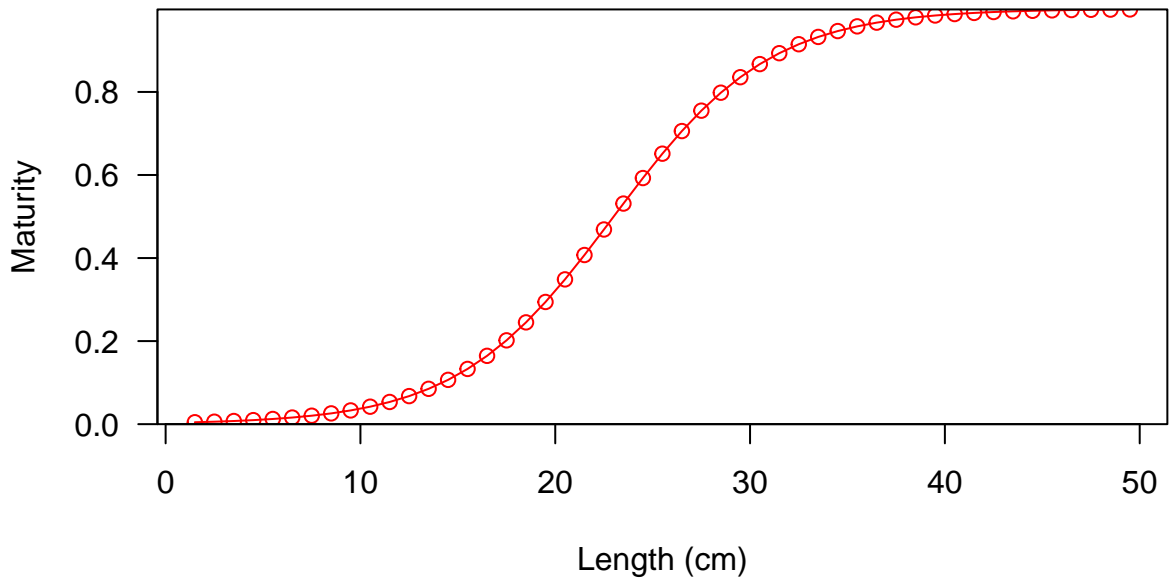


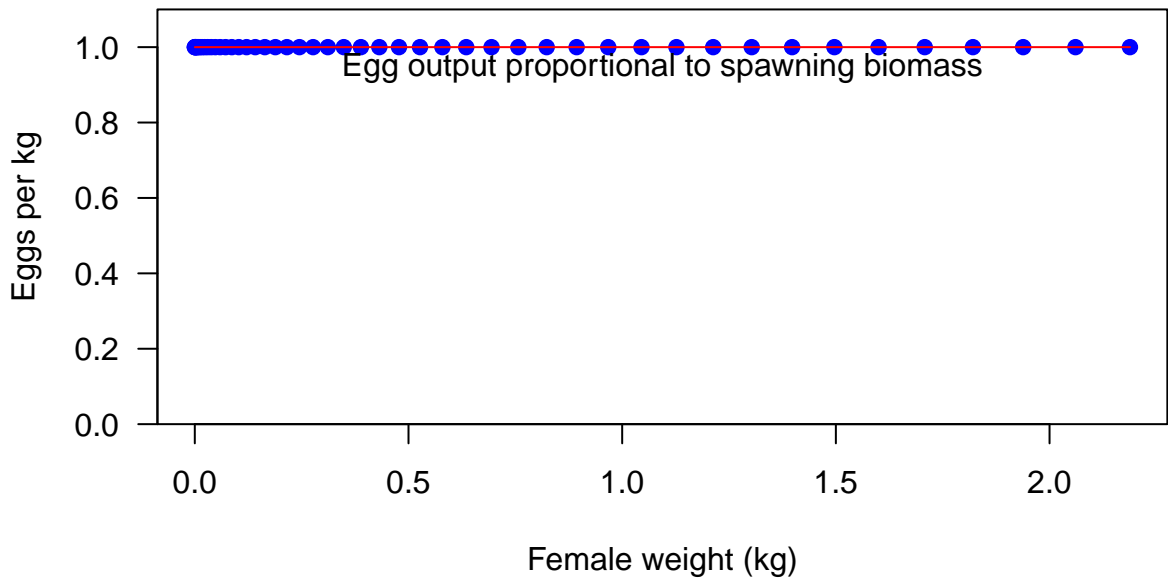


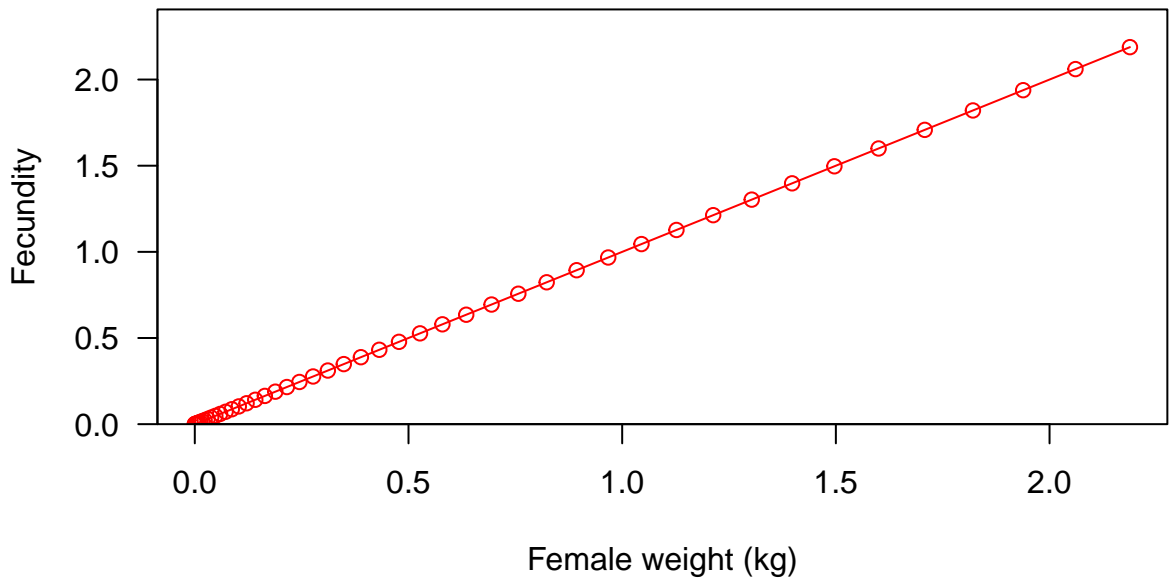


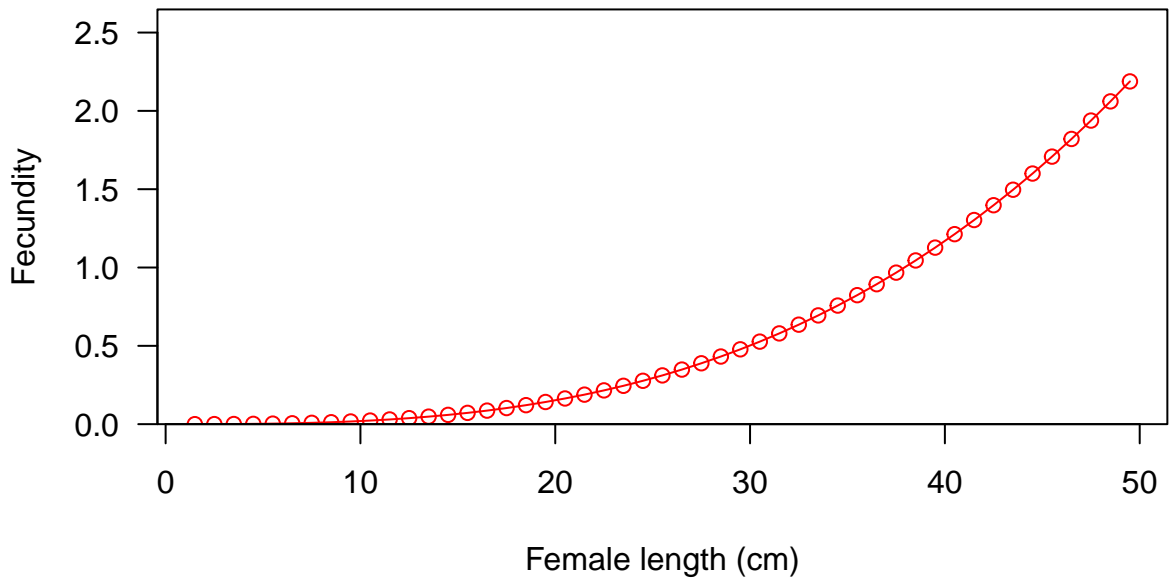


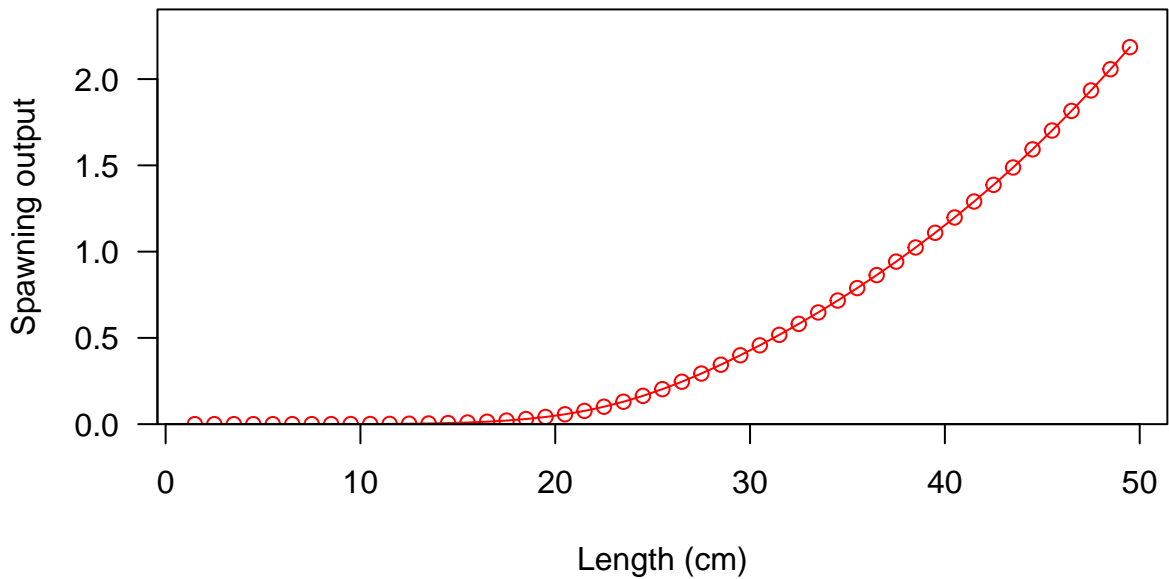


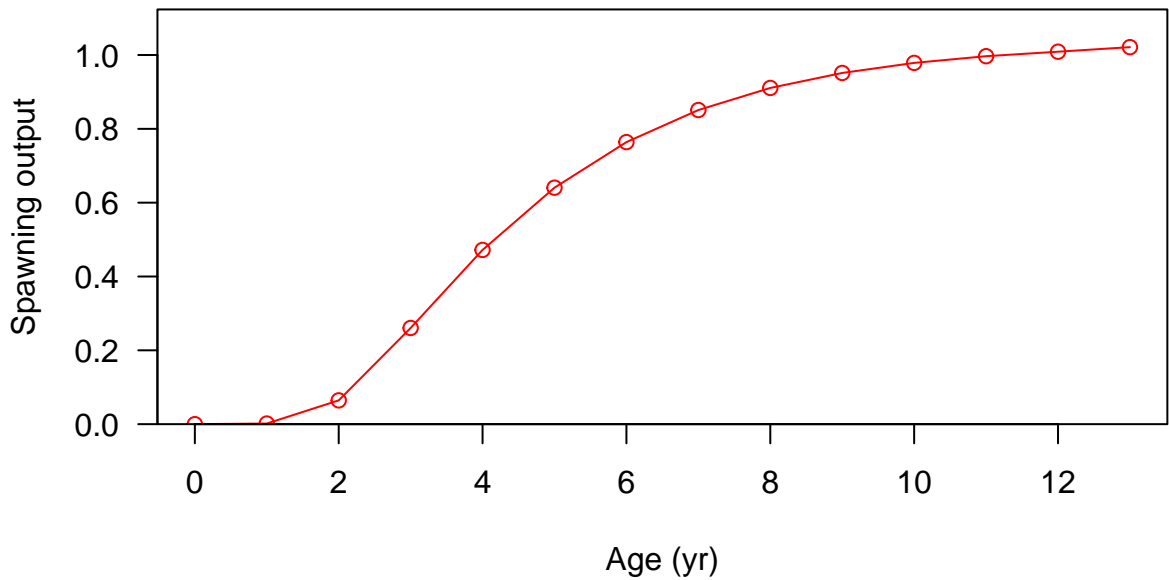




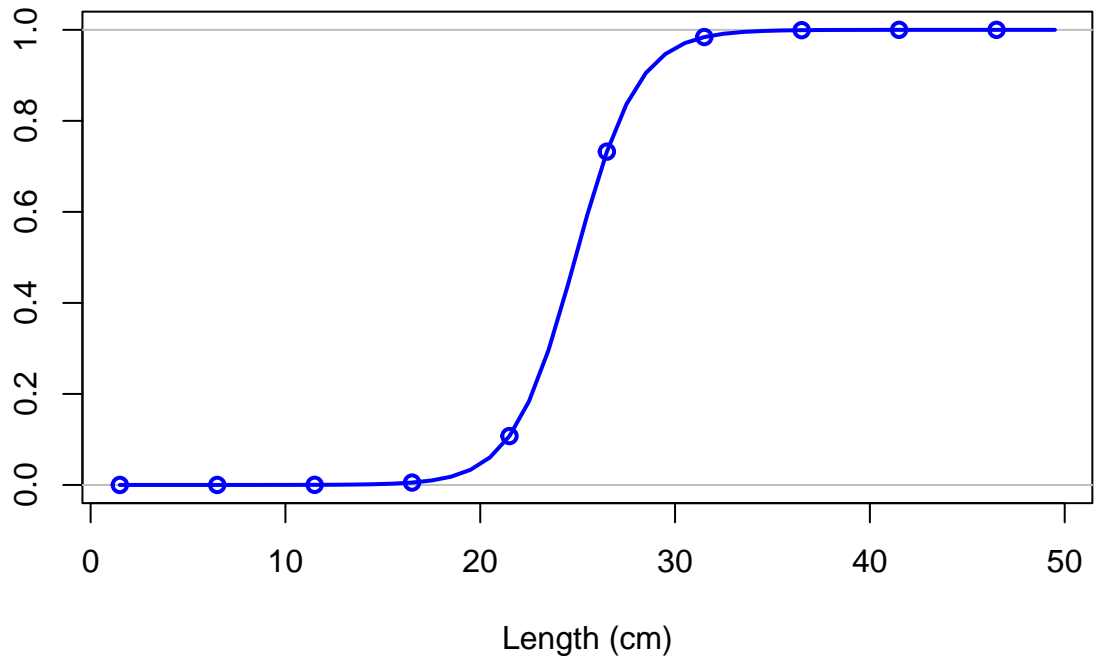




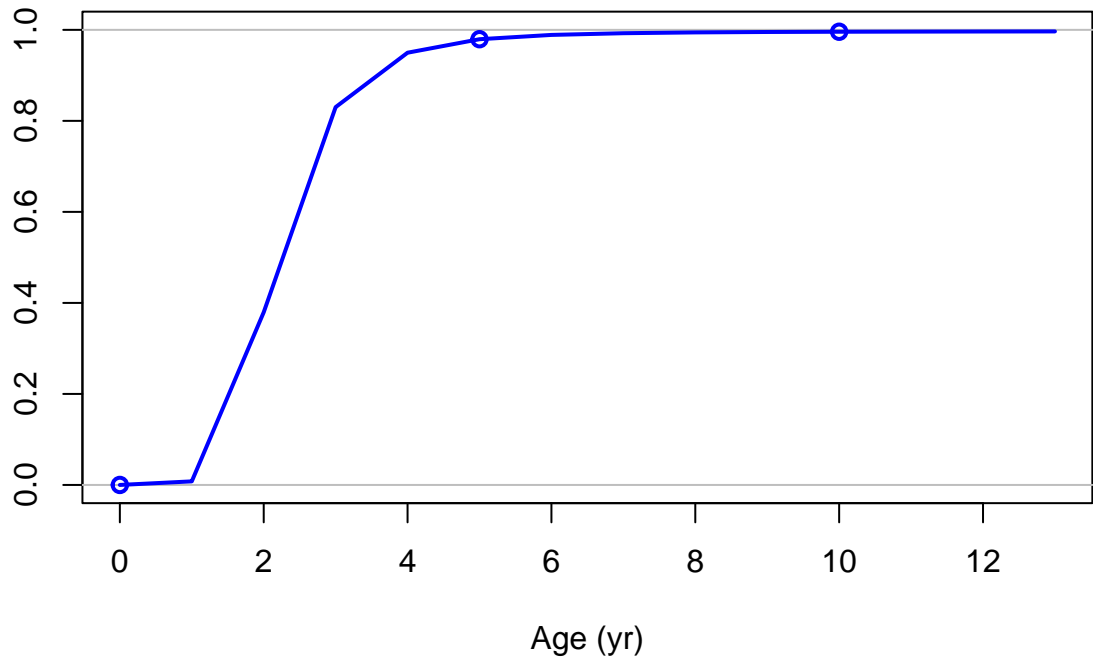




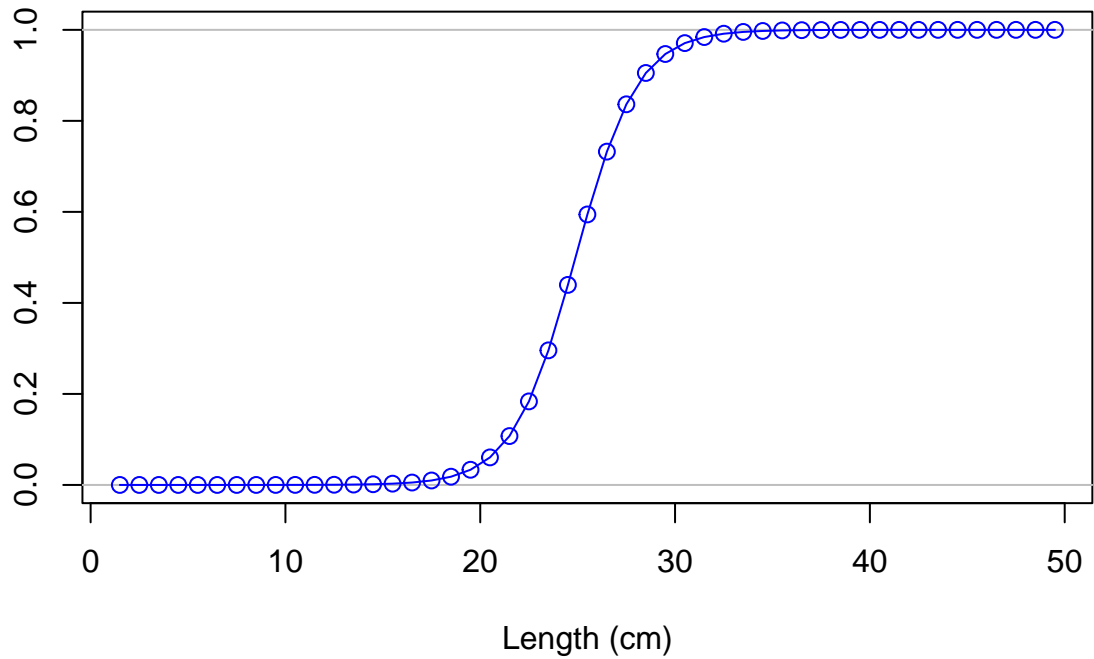
Selectivity

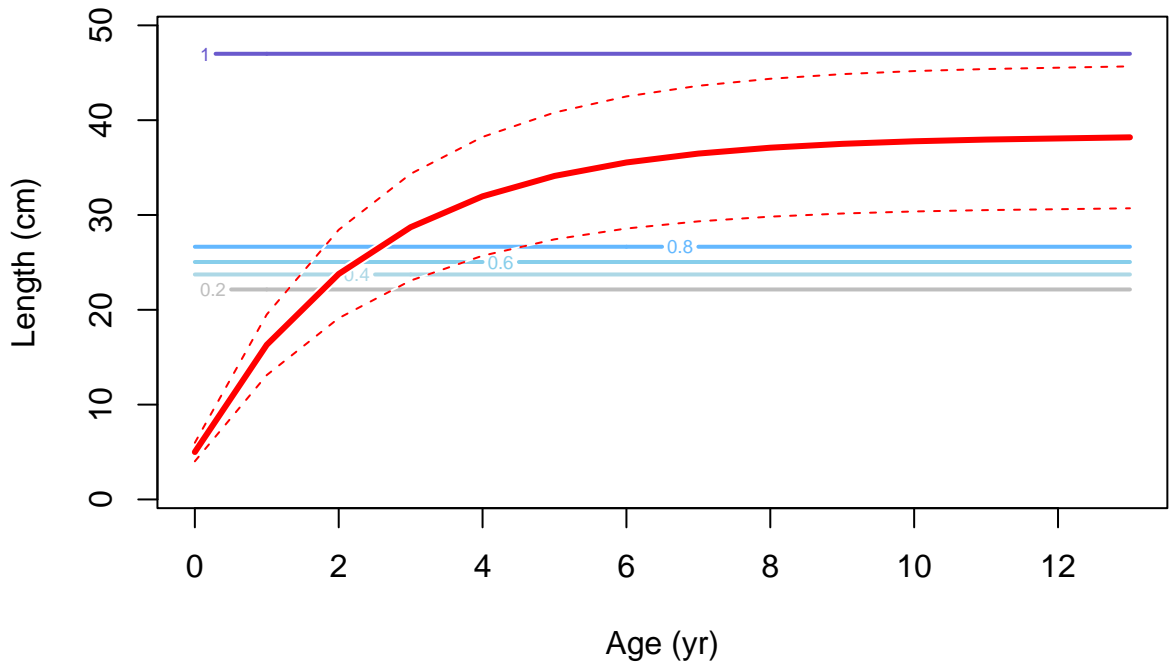


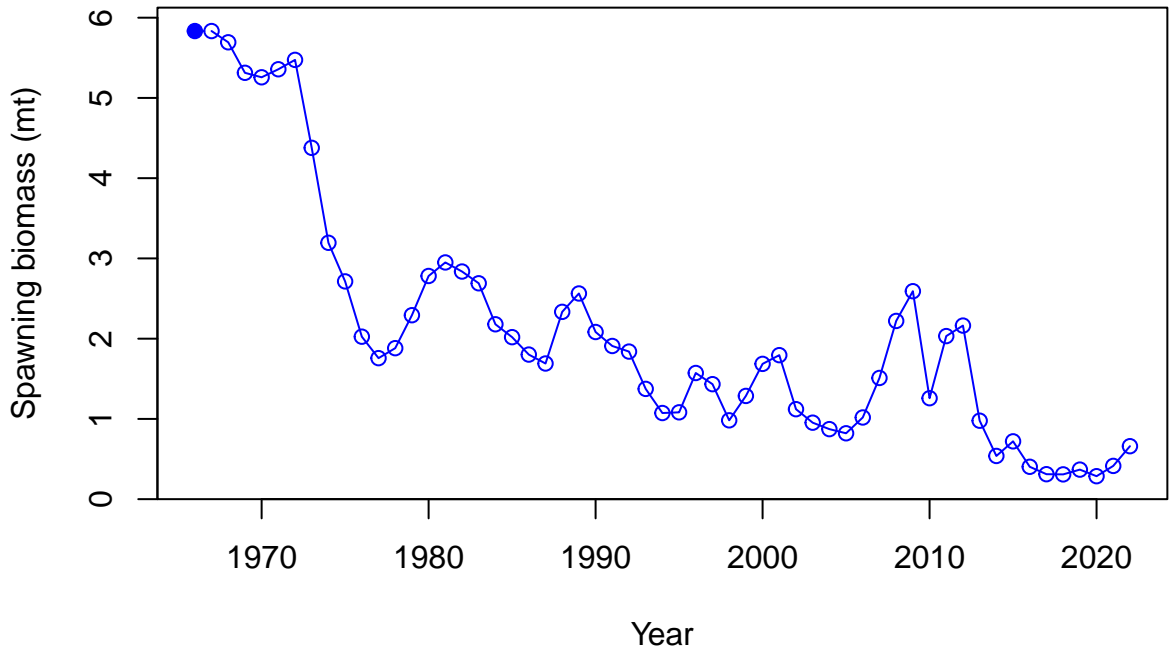
Selectivity



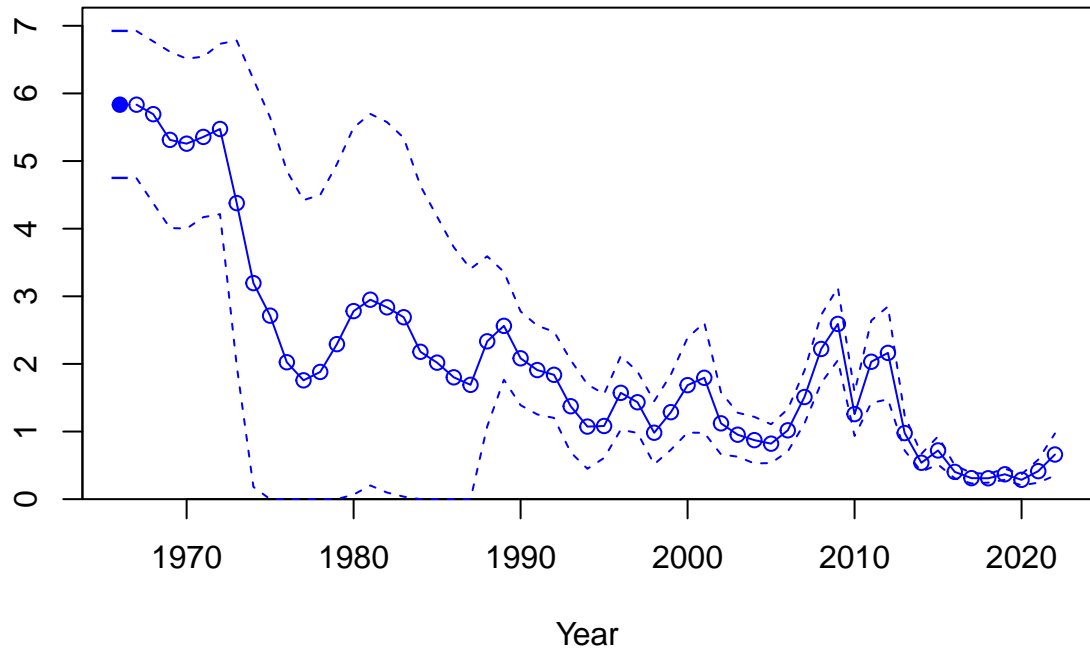
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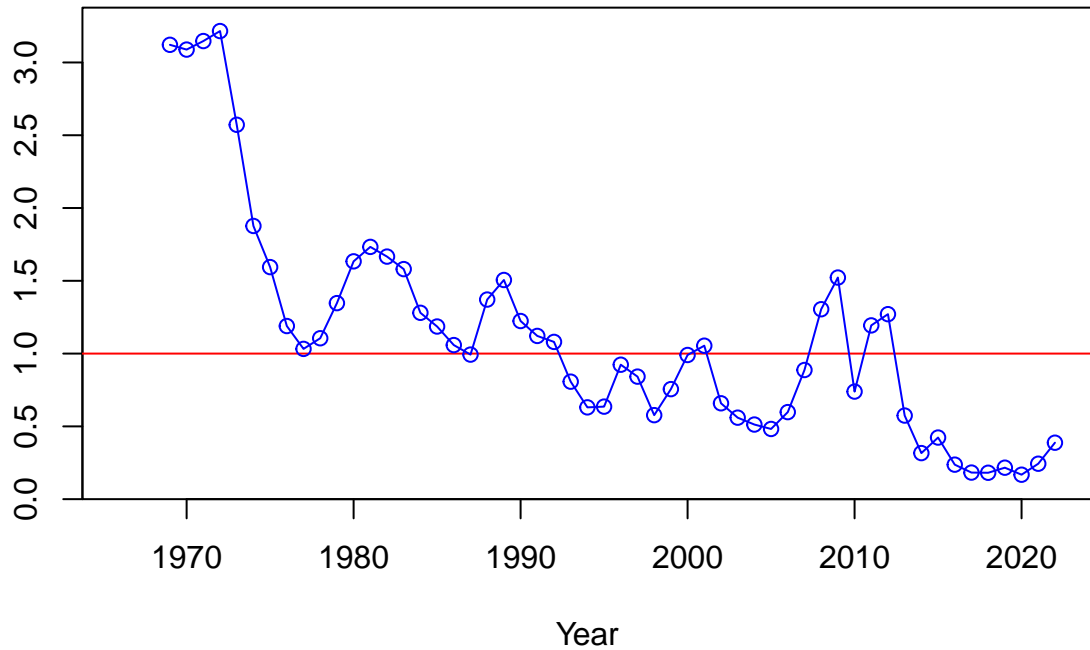




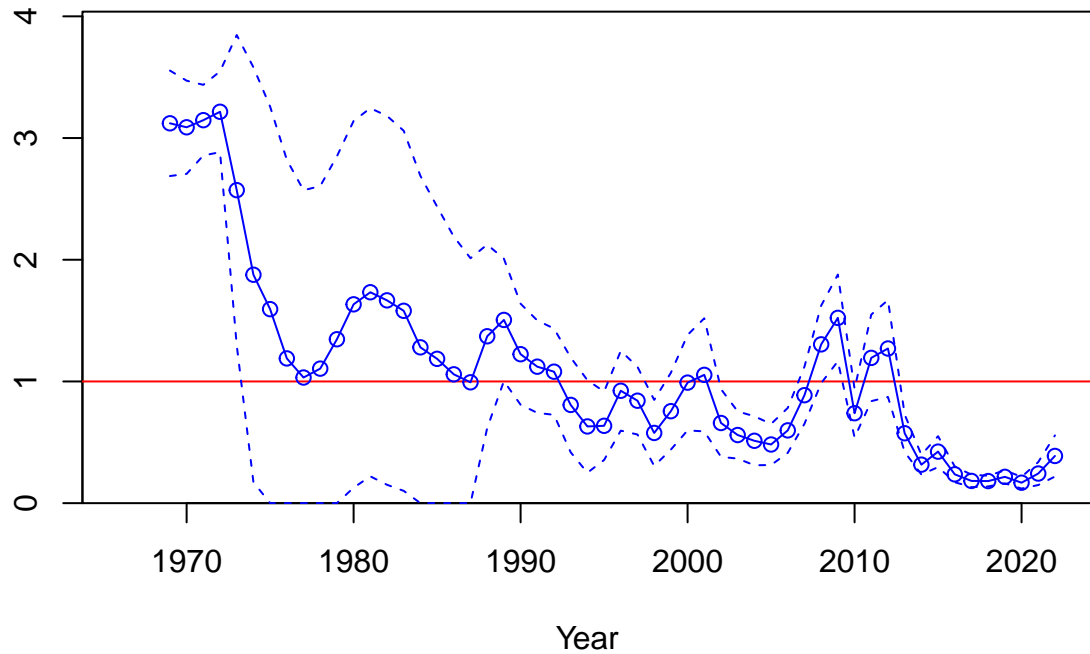
Spawning biomass (mt)

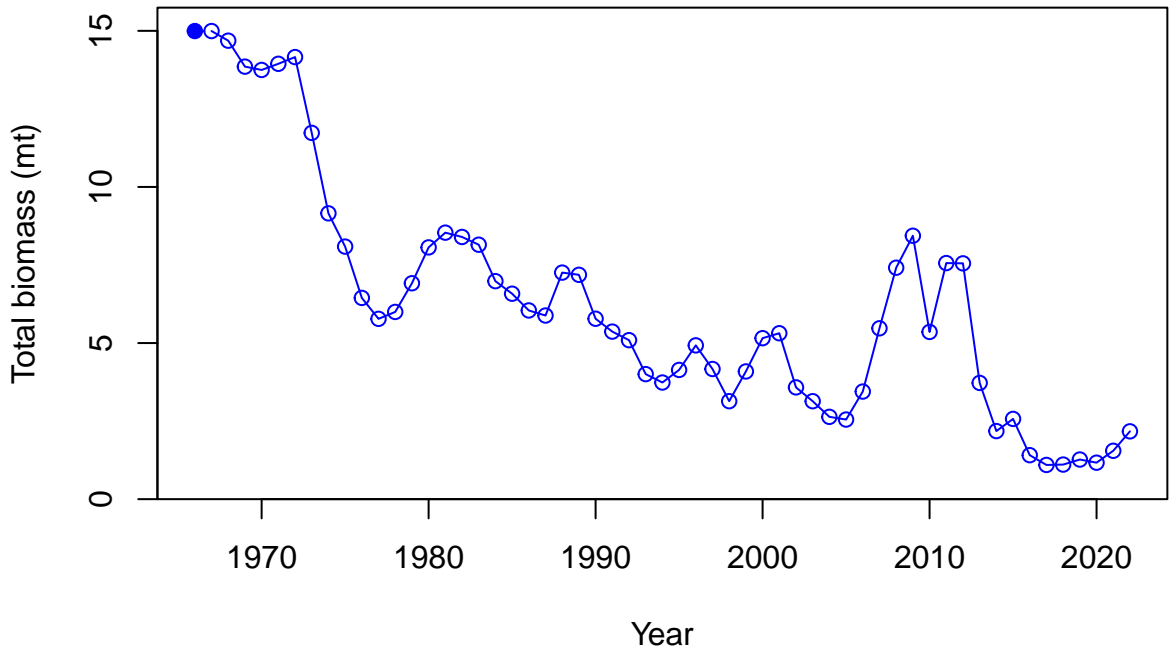


Relative spawning biomass: B/B_{MSY}

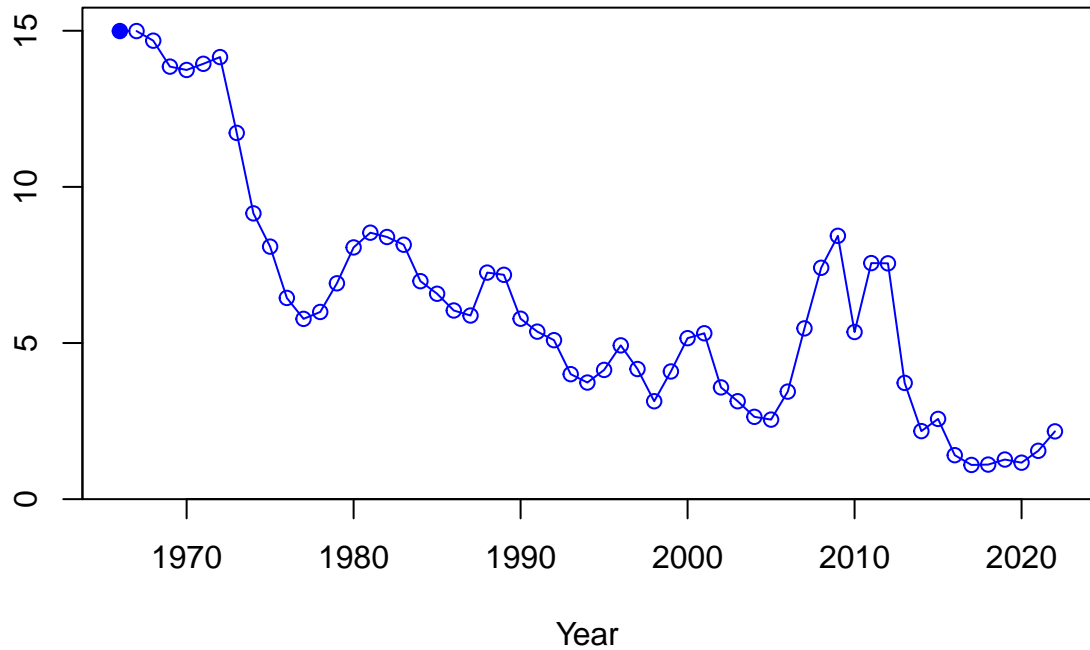


Relative spawning biomass: B/B_{MSY}

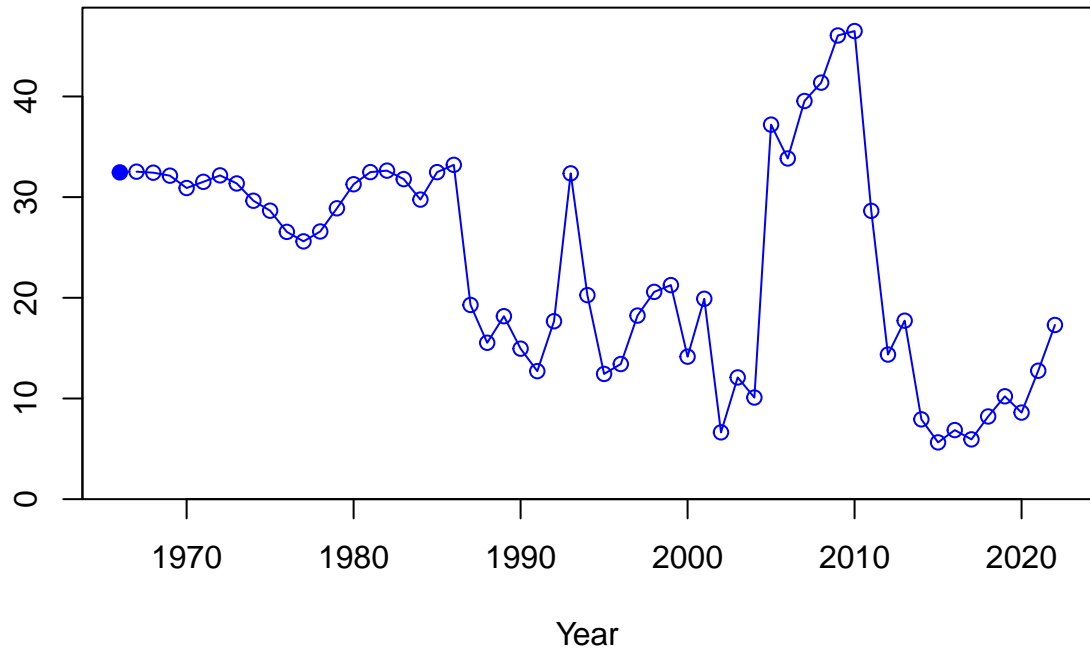


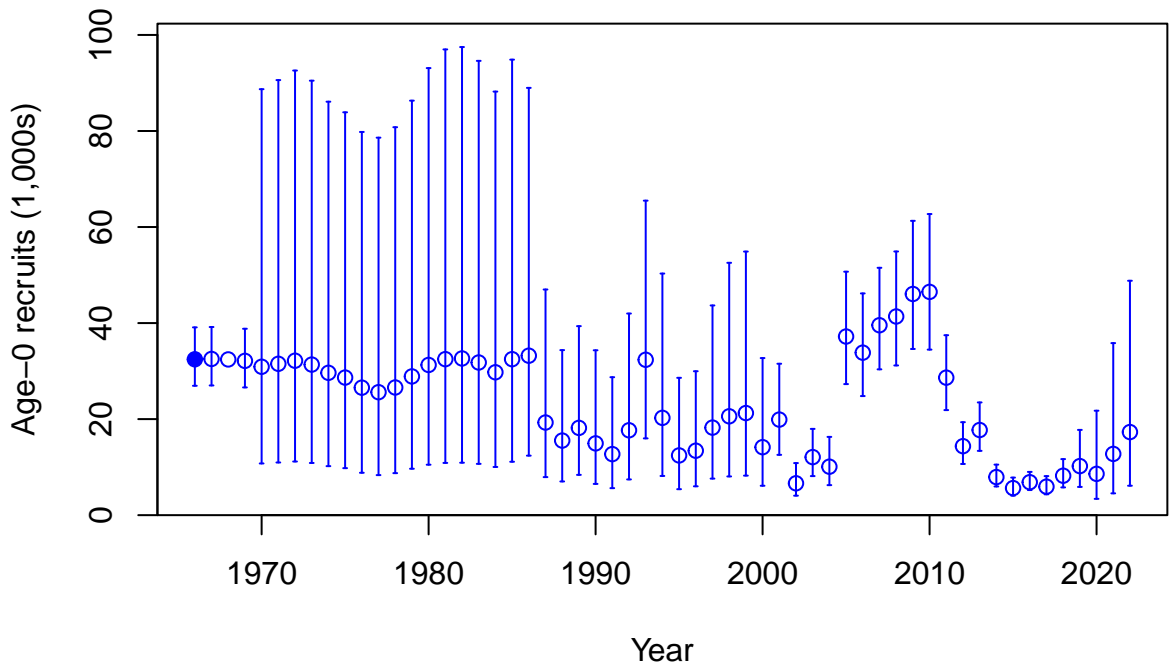


Summary biomass (mt)

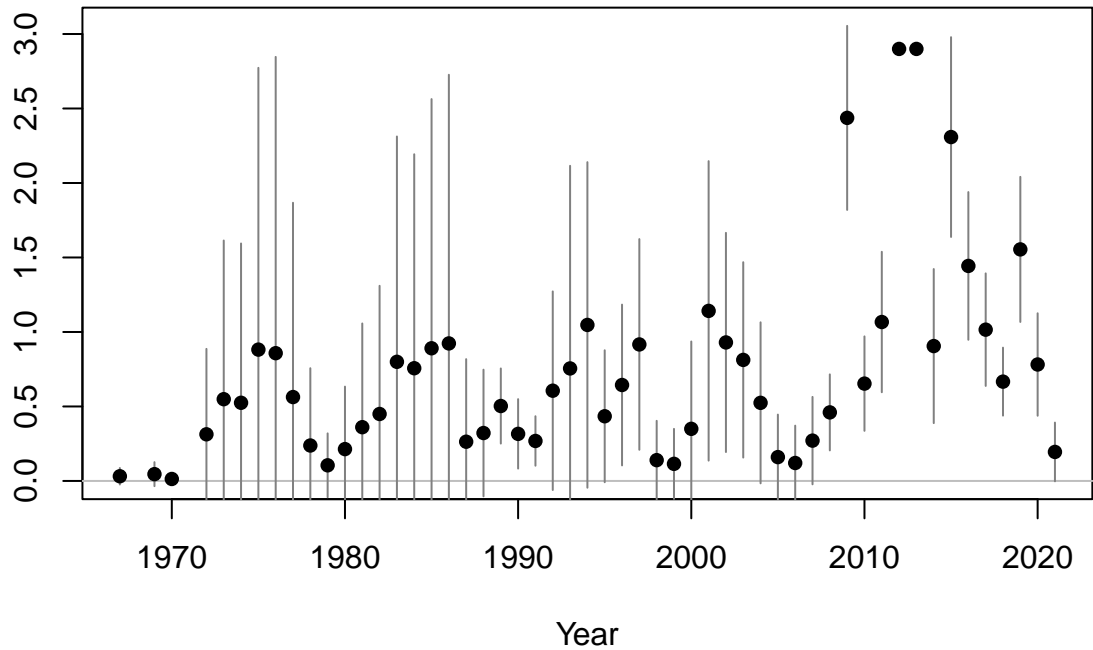


Age-0 recruits (1,000s)

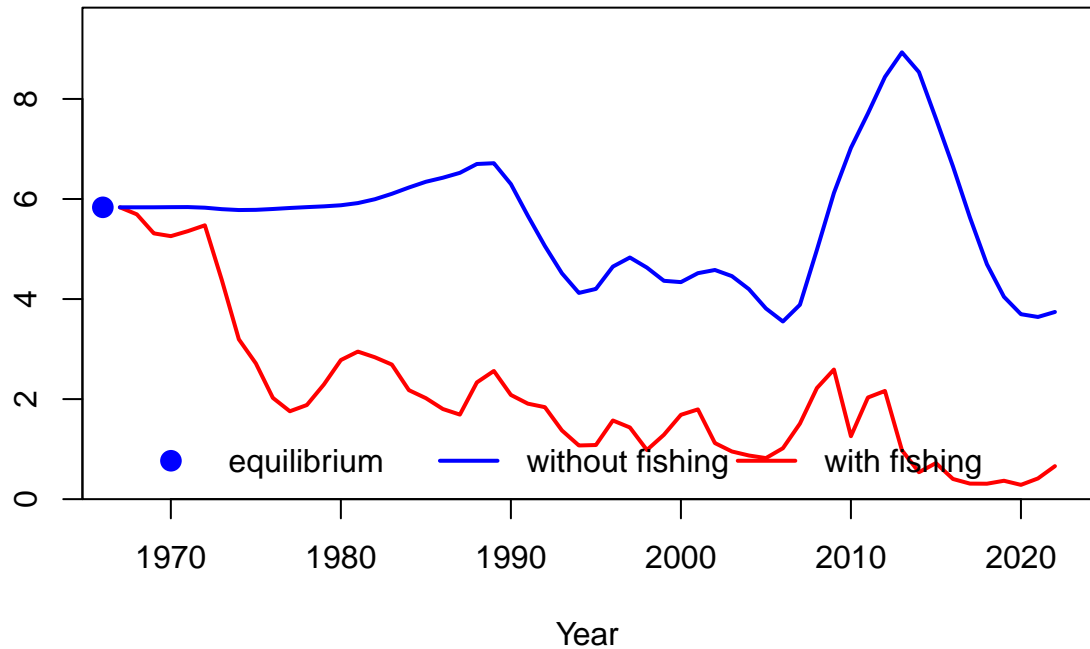




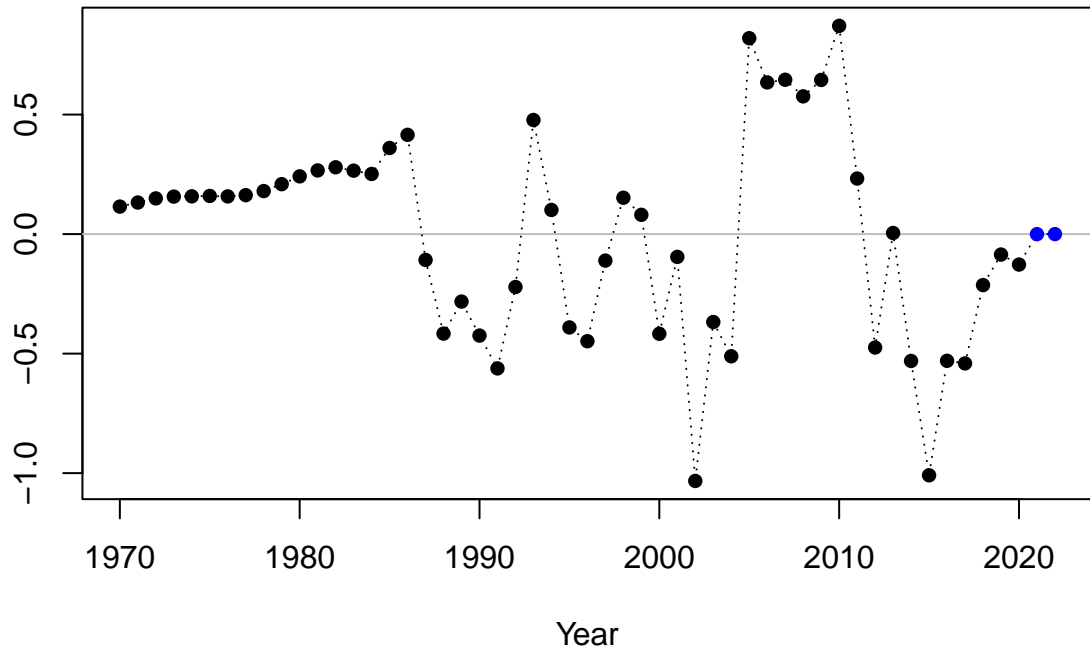
Summary Fishing Mortality



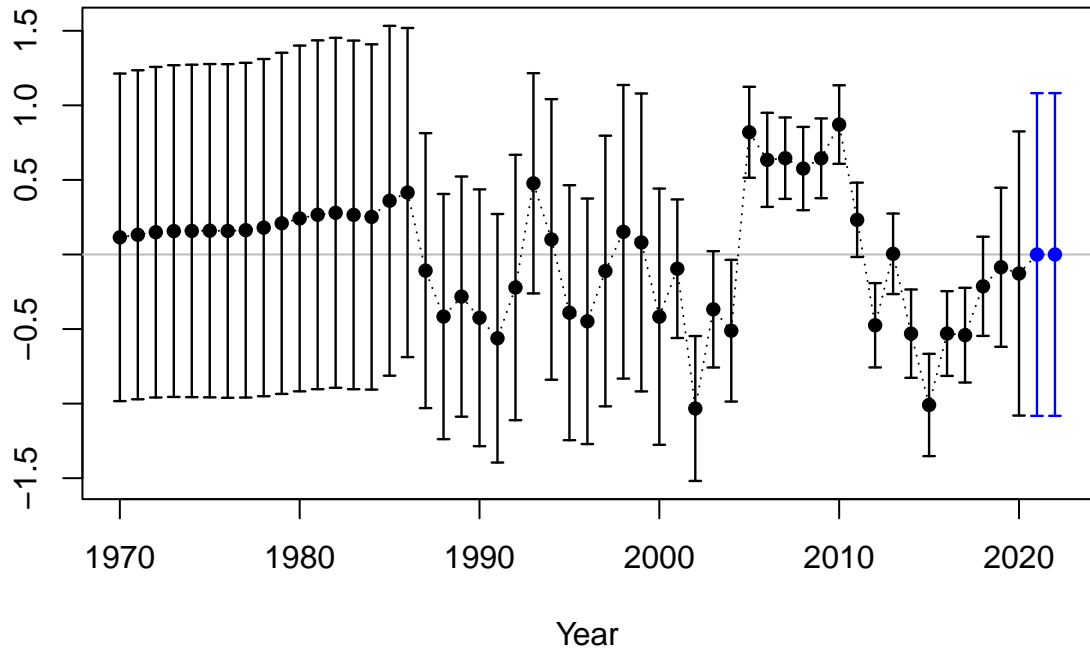
Spawning biomass (mt)



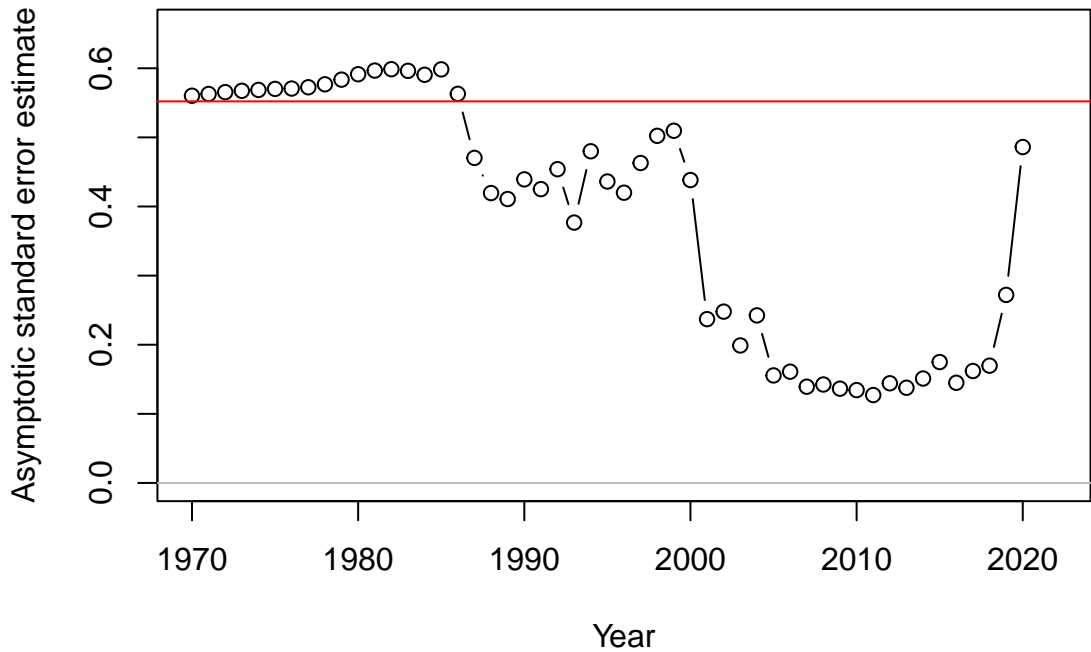
Log recruitment deviation

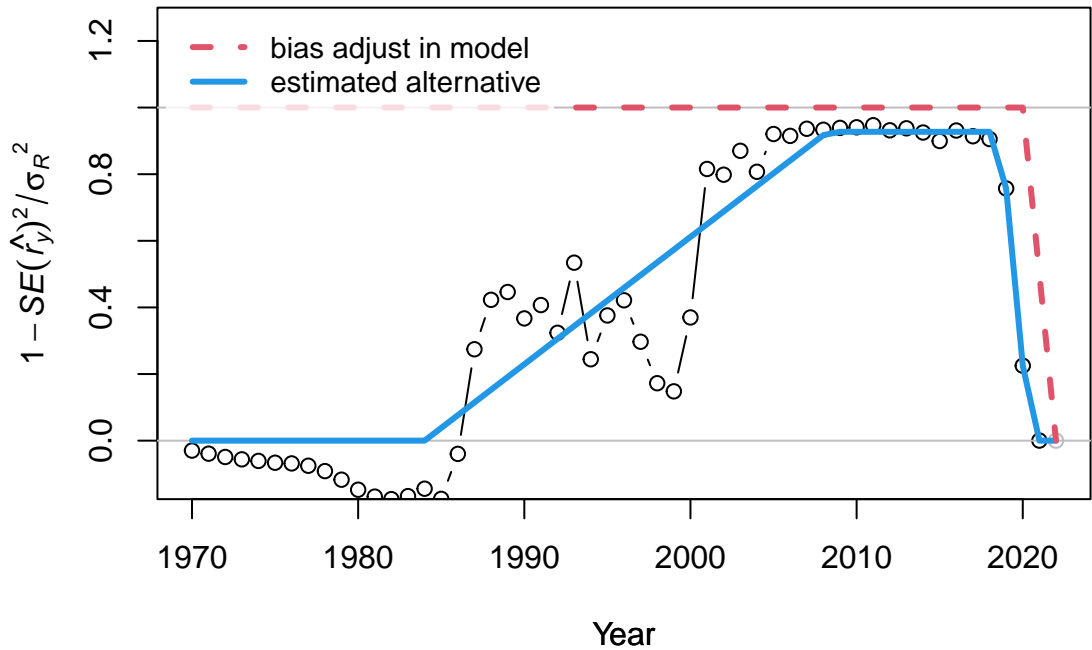


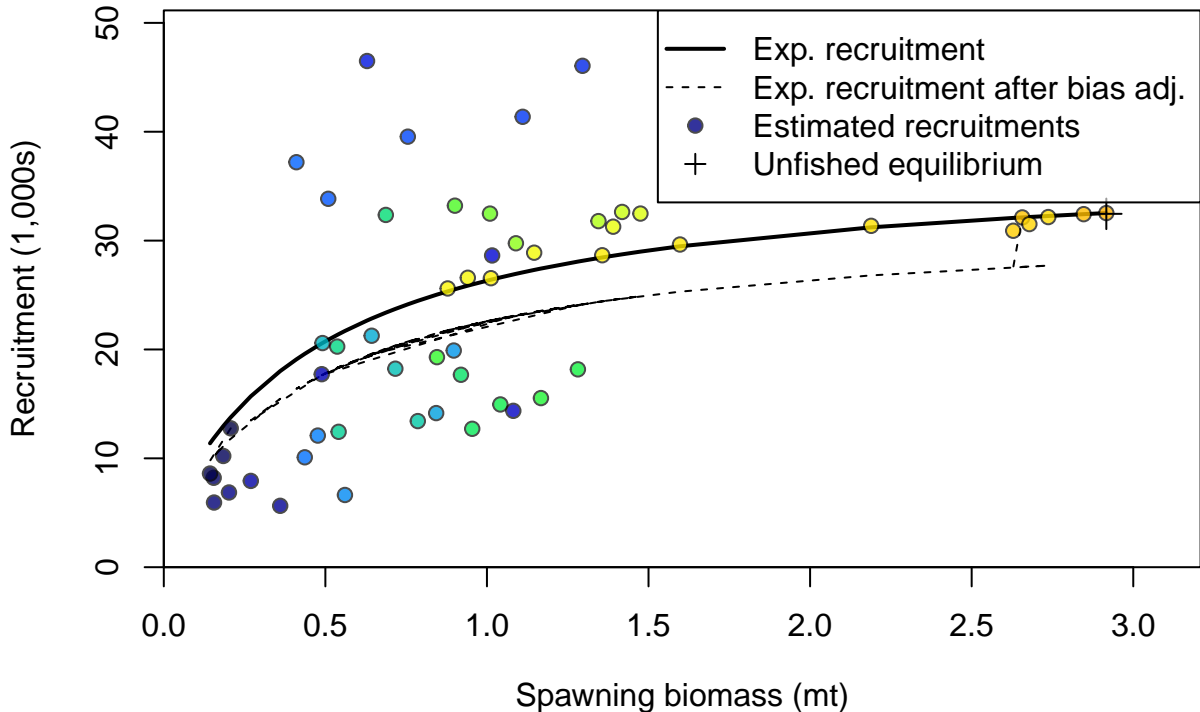
Log recruitment deviation

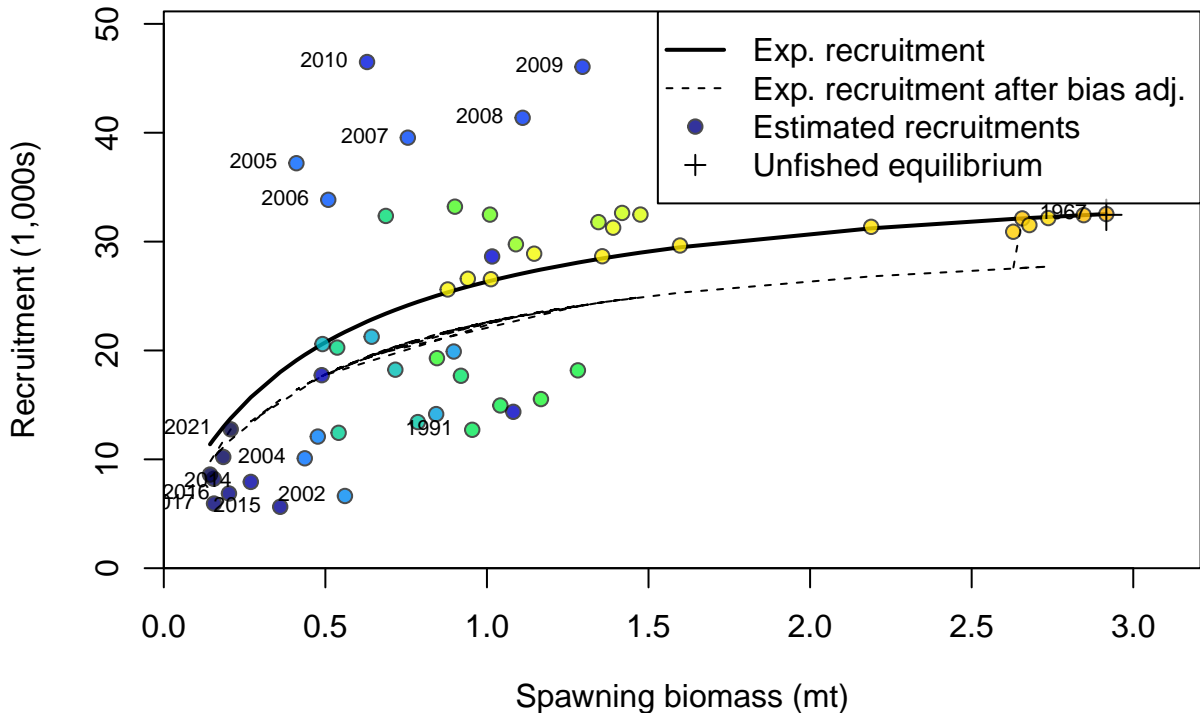


Recruitment deviation variance

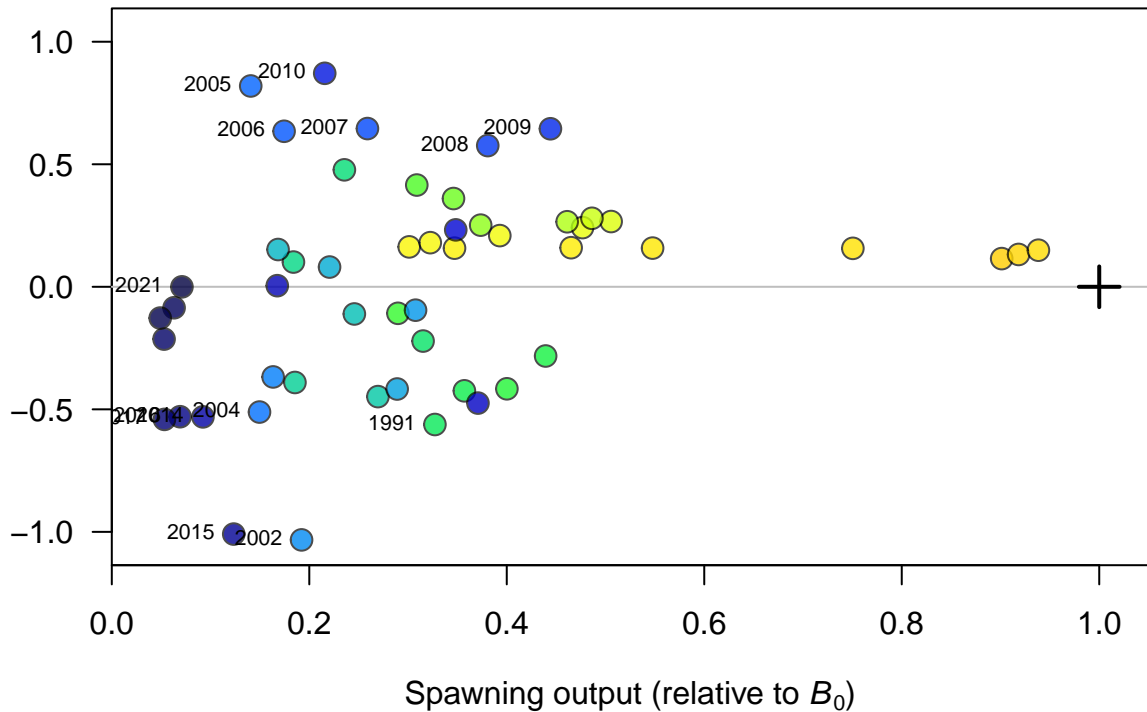


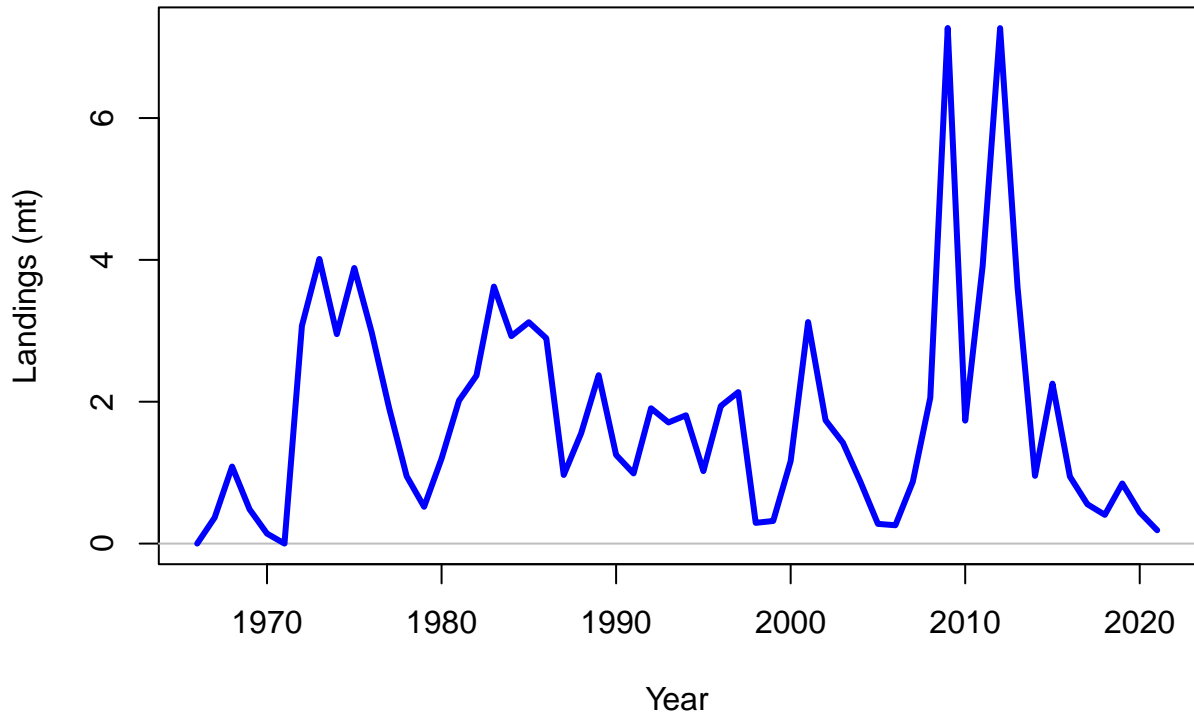


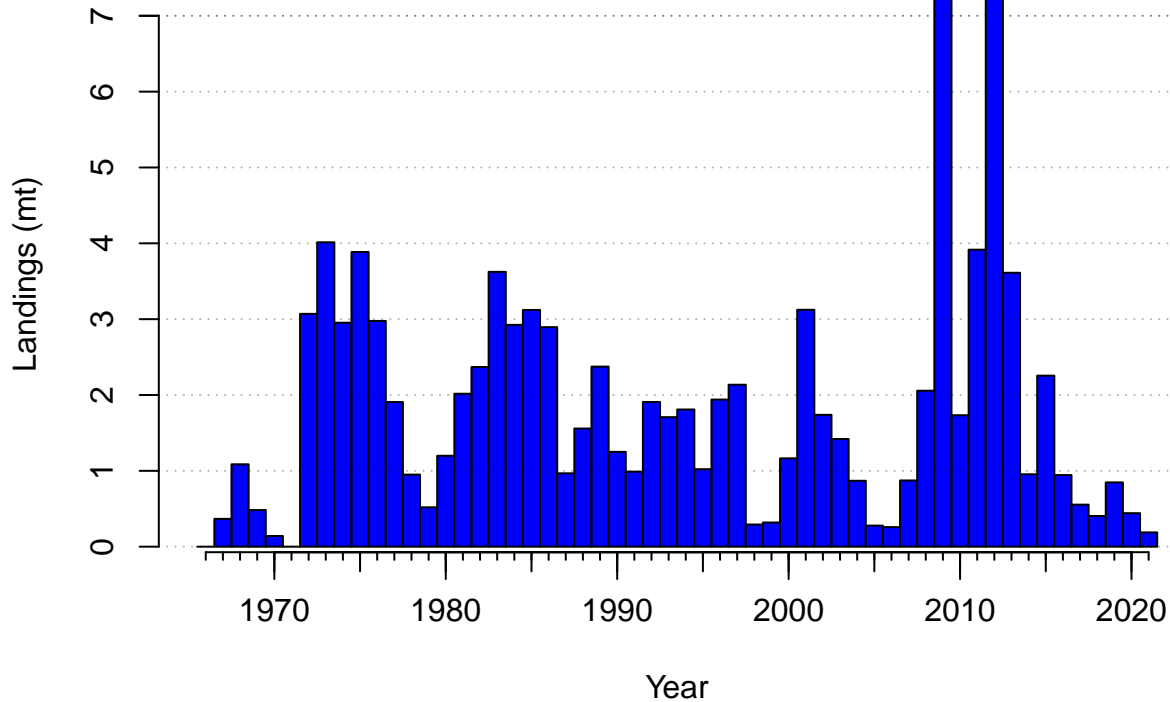




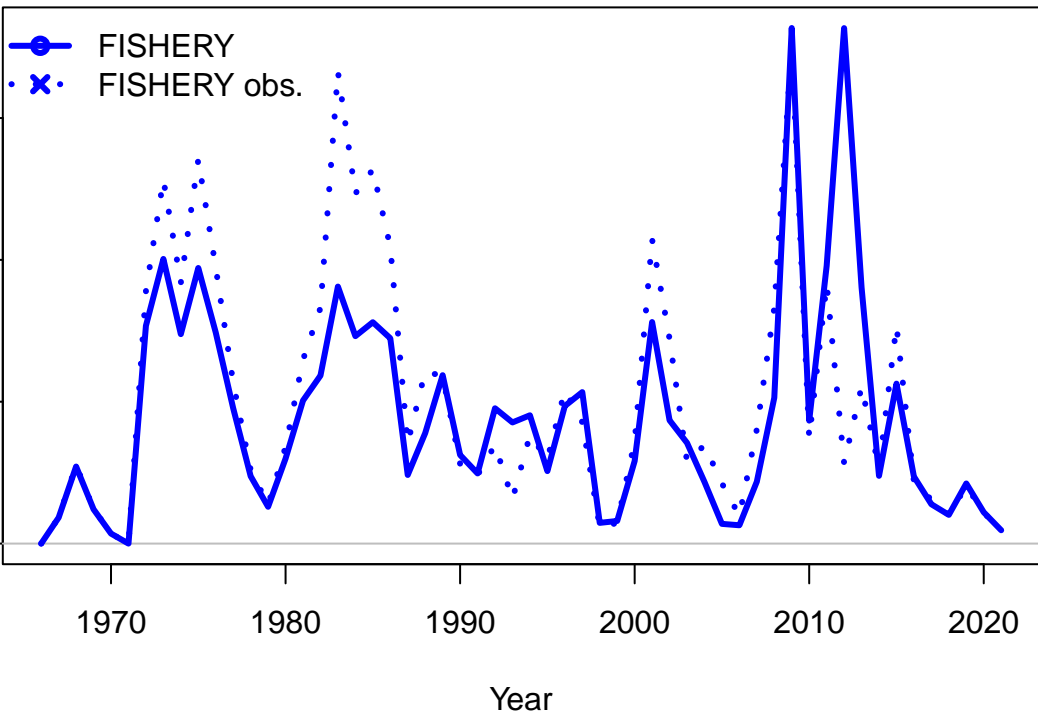
Log recruitment deviation

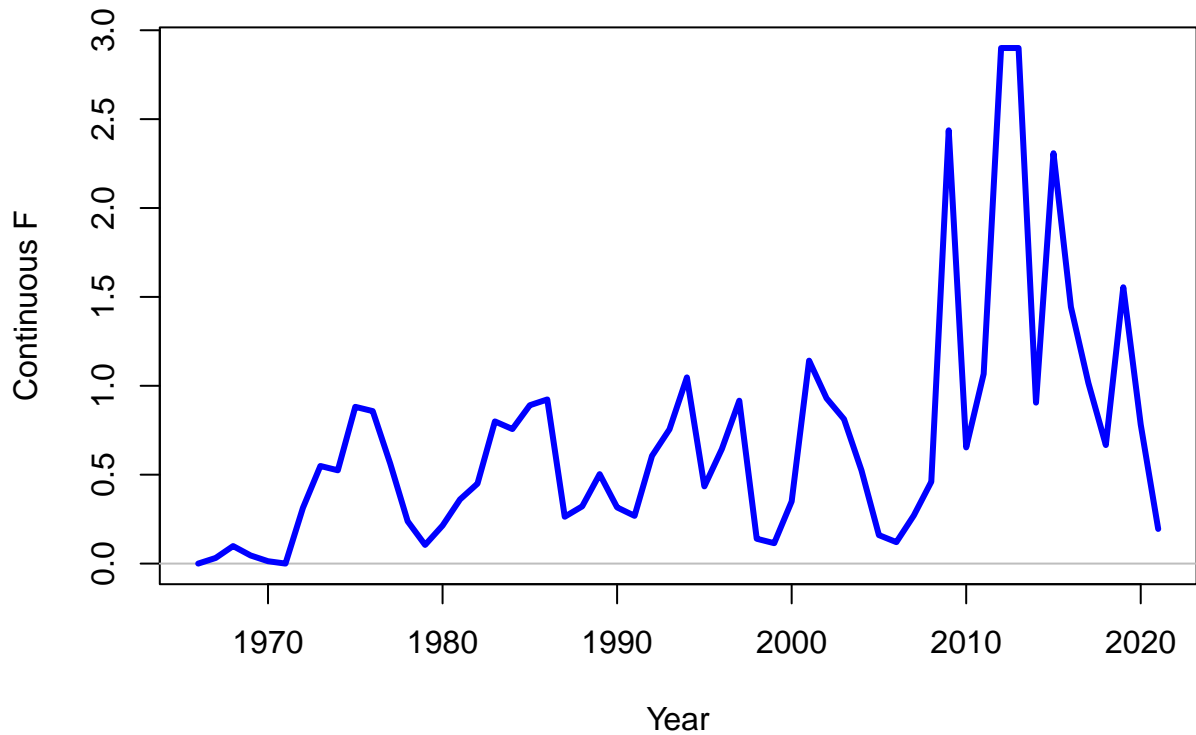




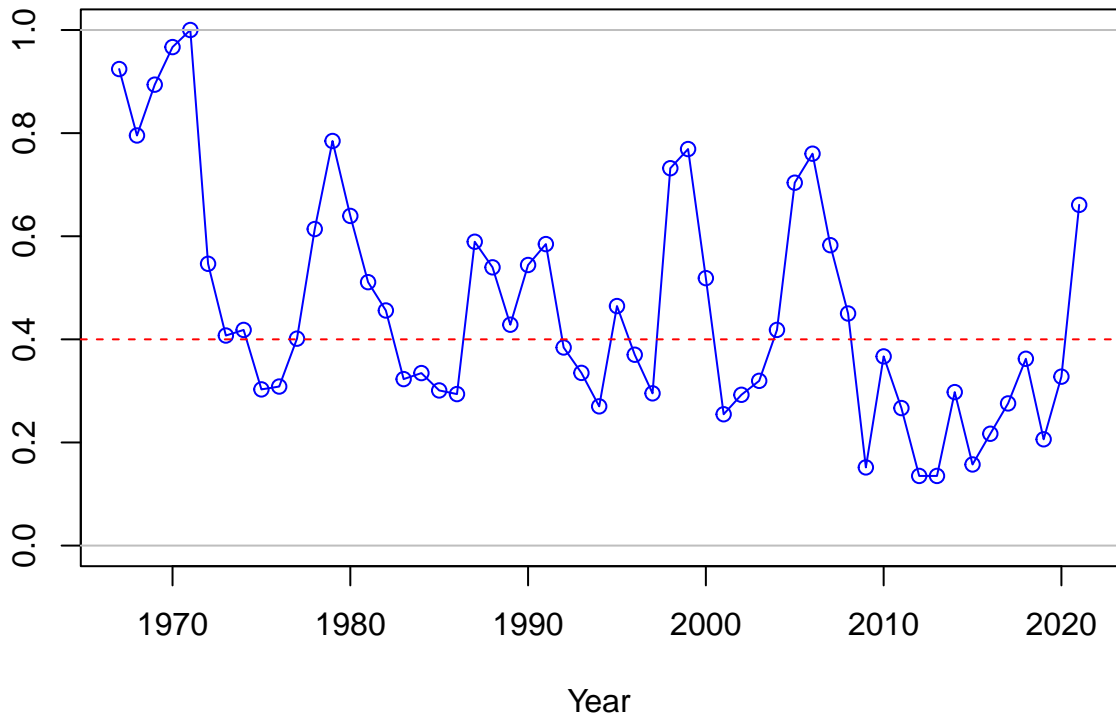


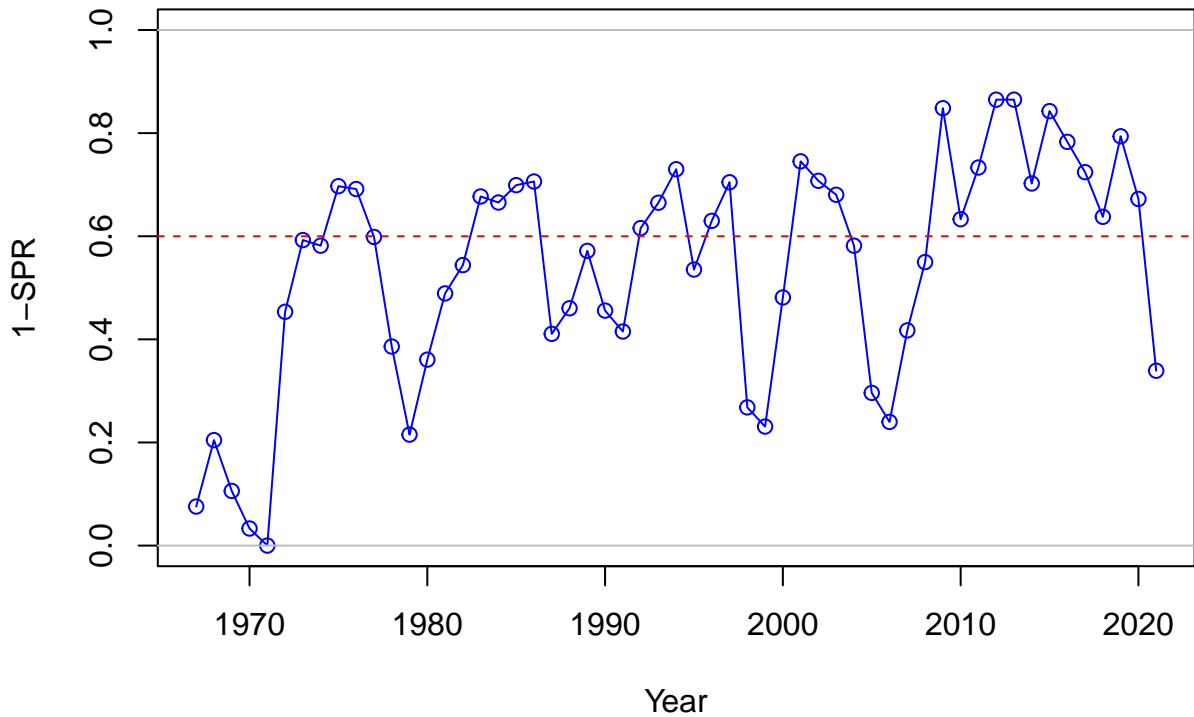
Observed and expected Landings (mt)



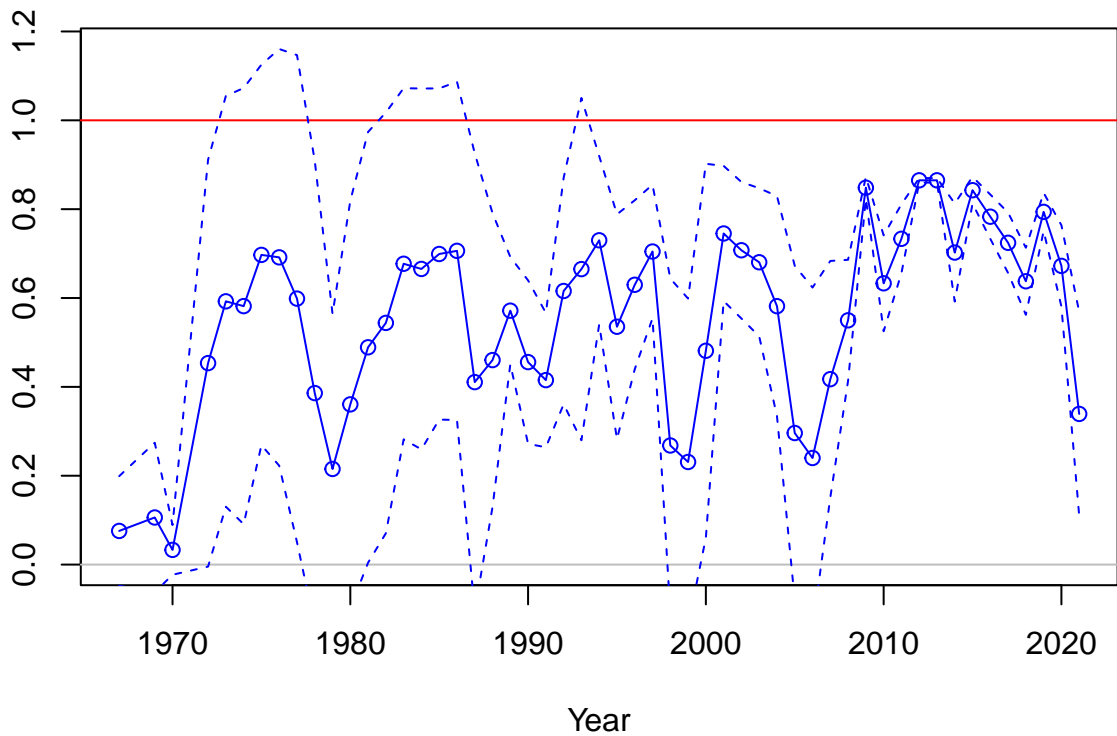


SPR

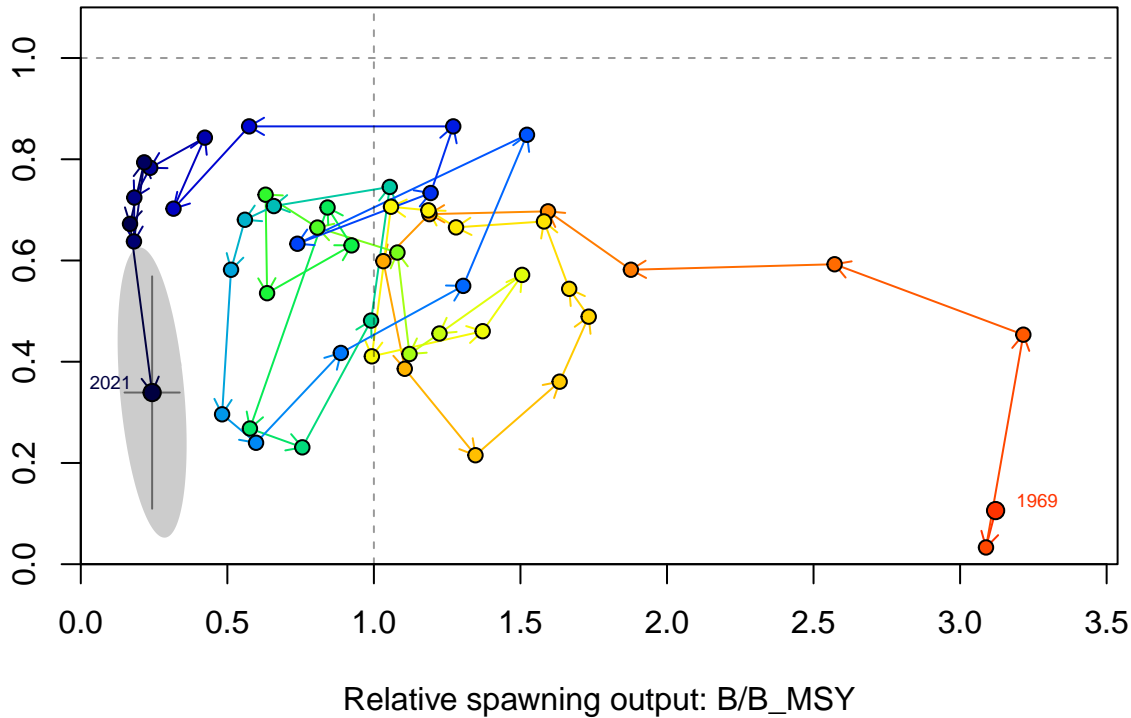




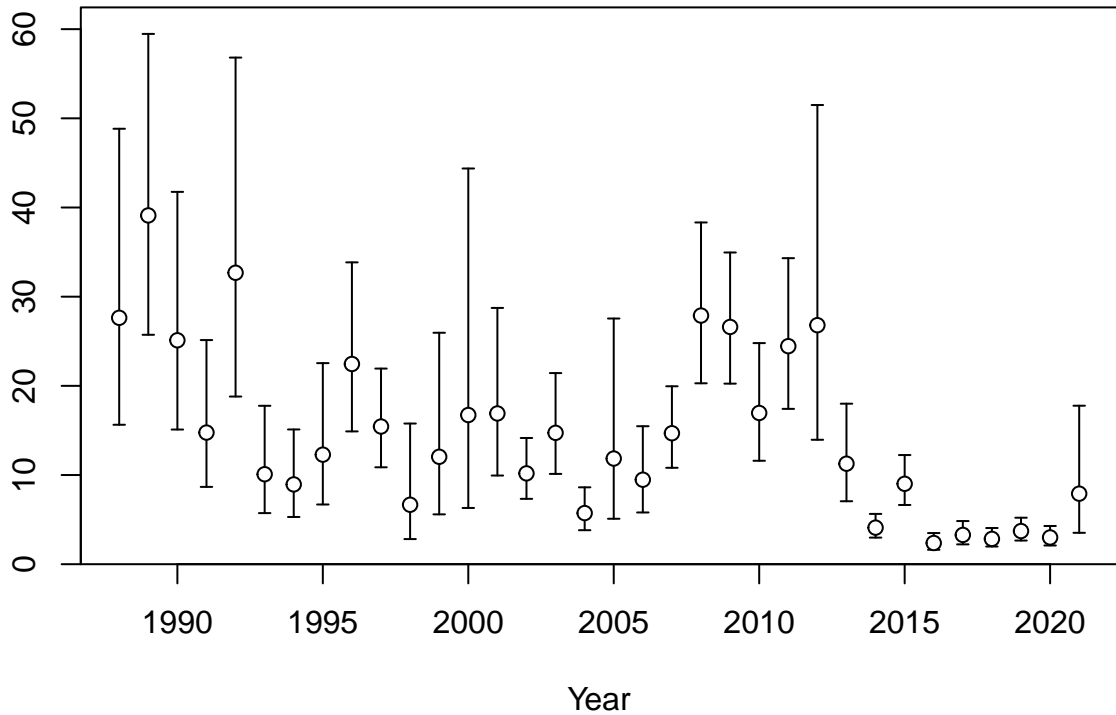
Fishing intensity: 1-SPR



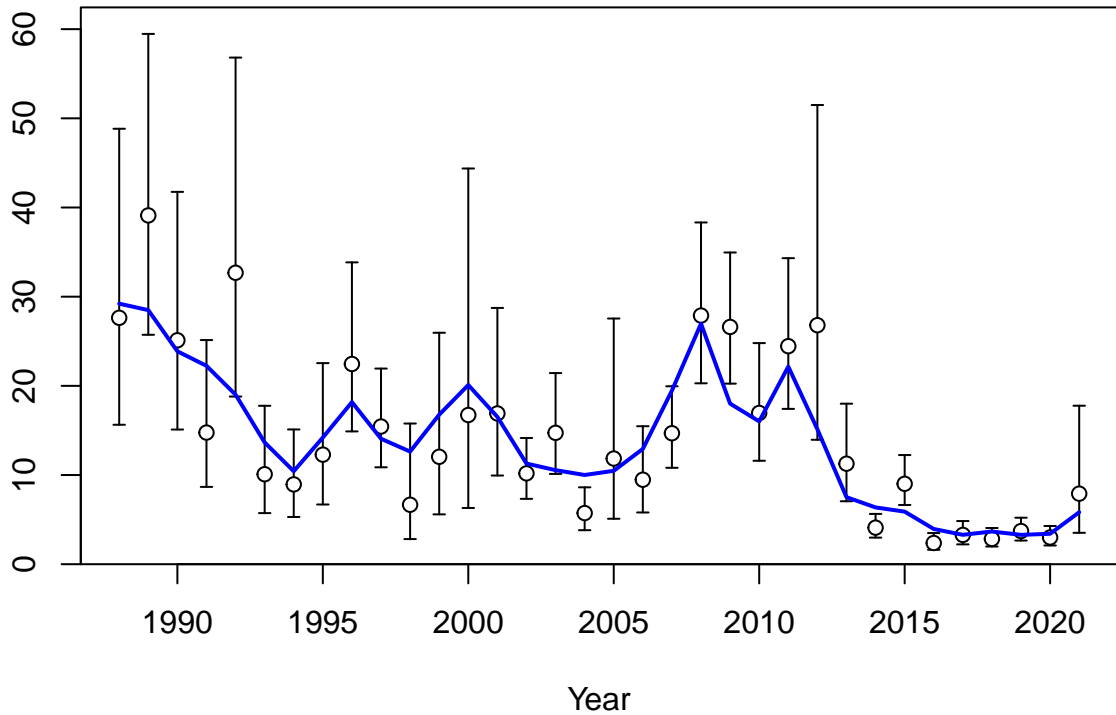
Fishing intensity: 1-SPR

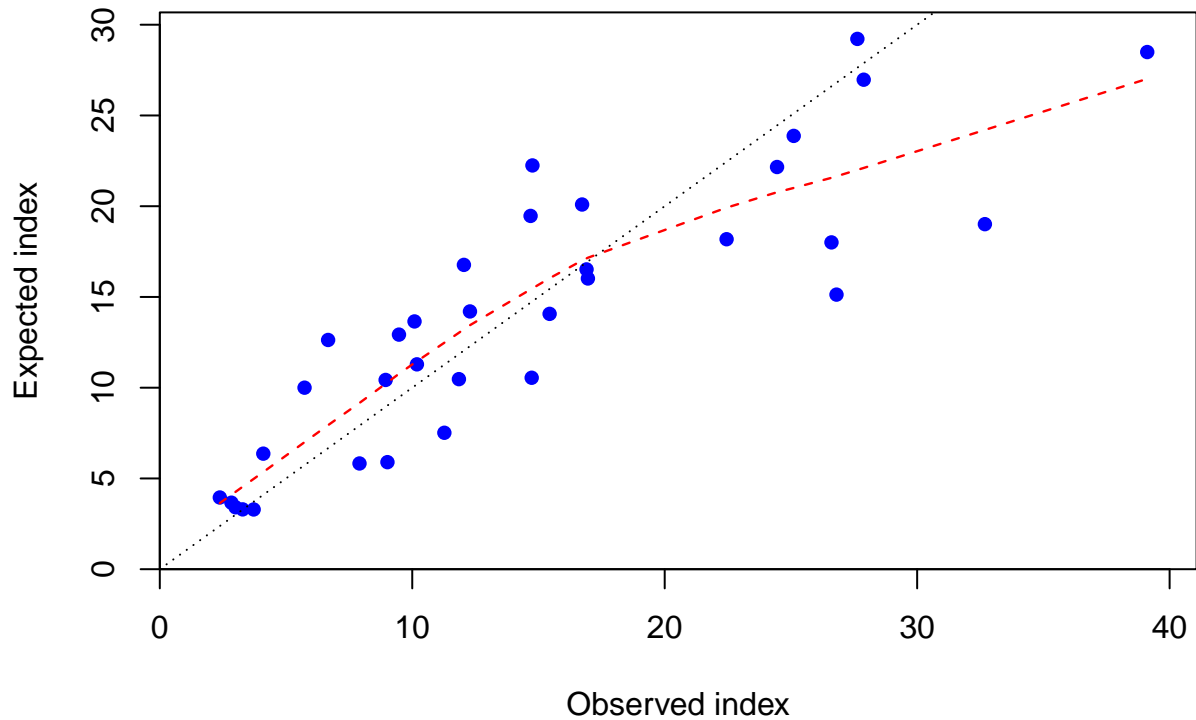


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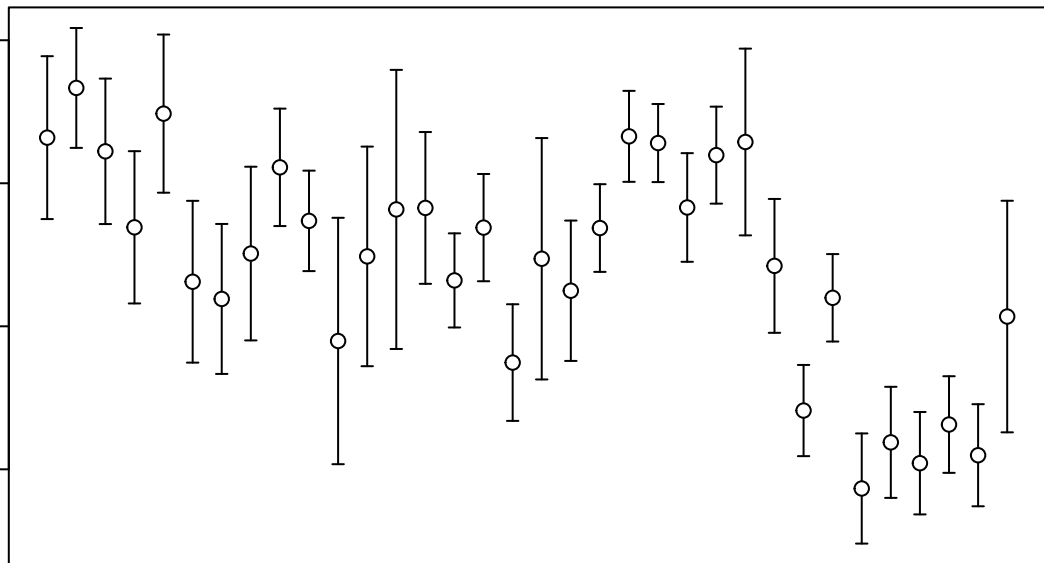
2005

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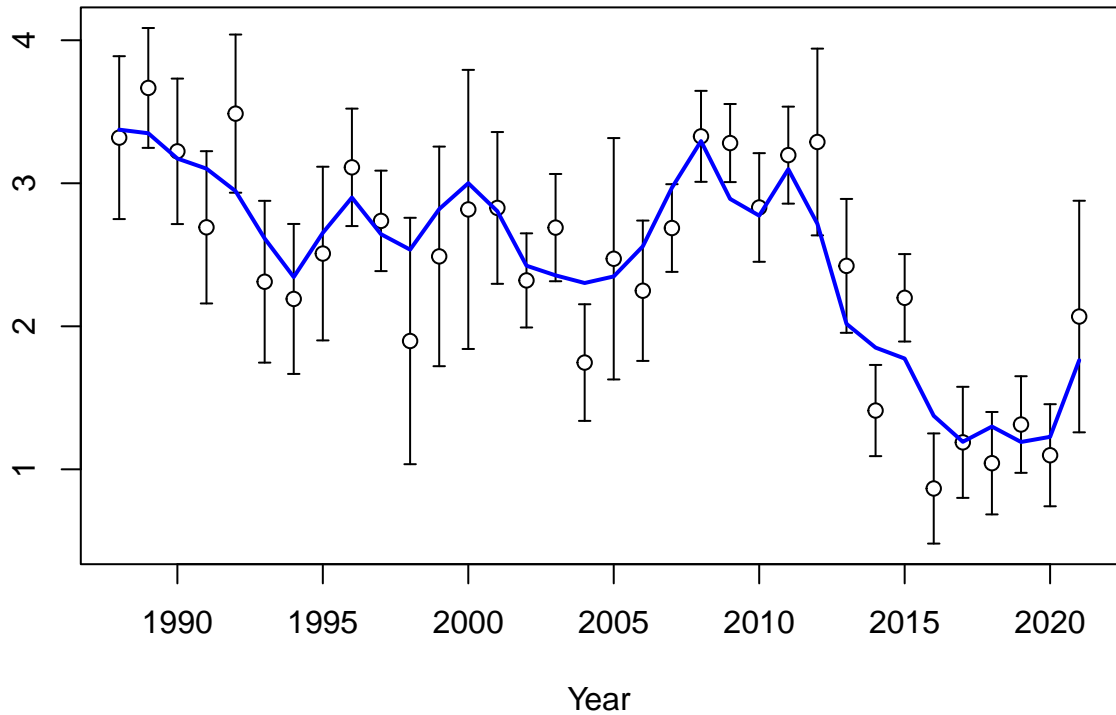
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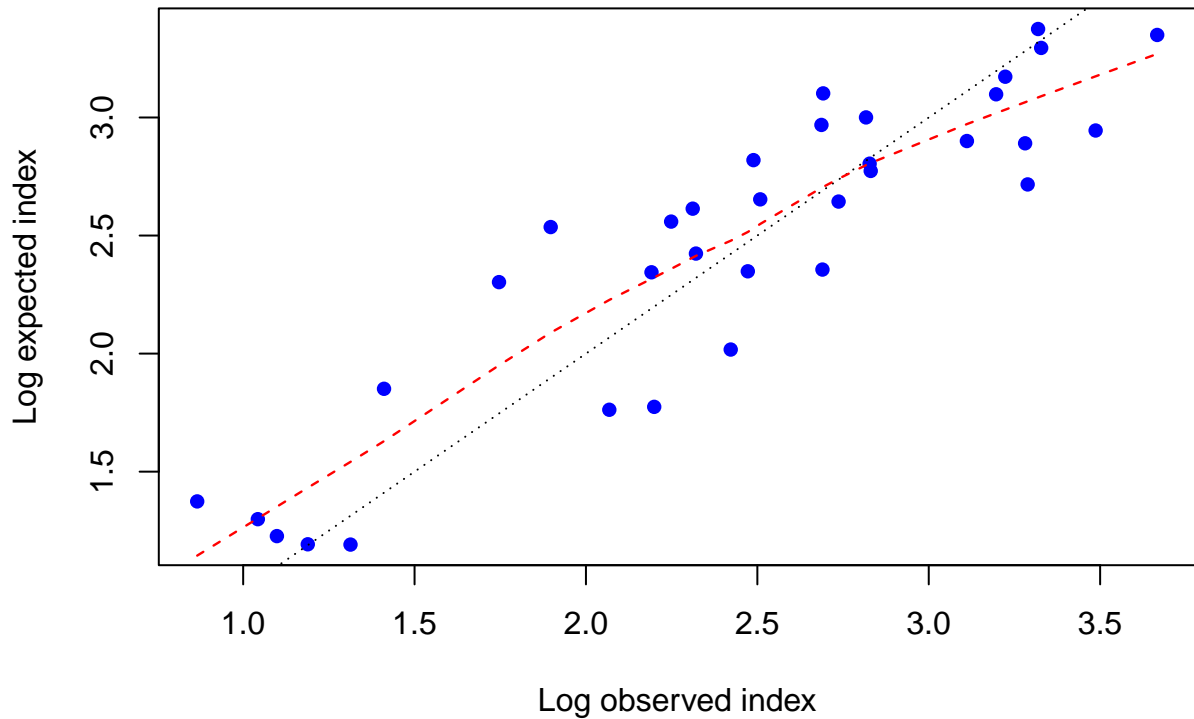
2020

Year



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Effective catchability

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6.036744
6.036740

1

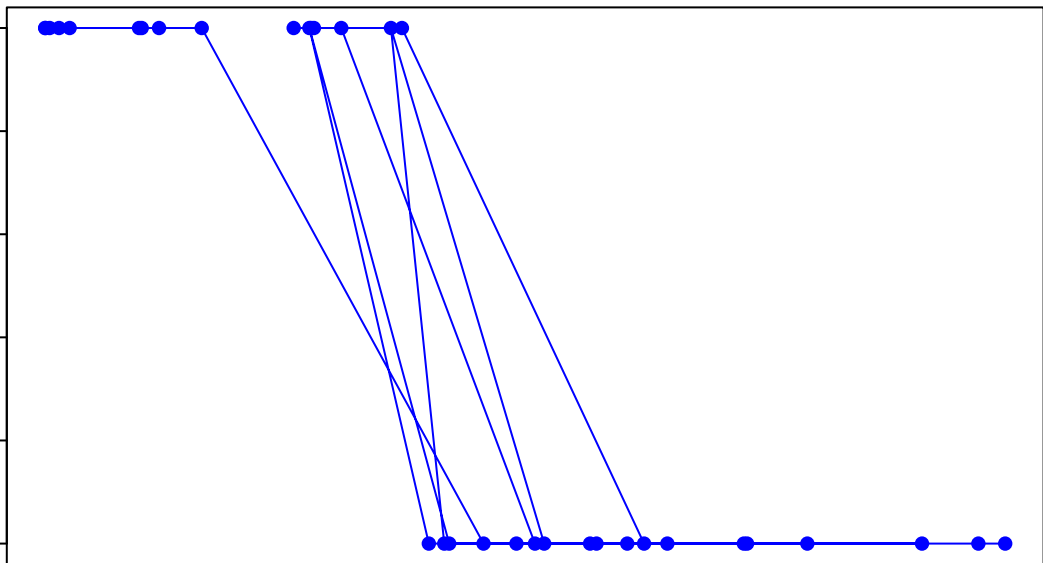
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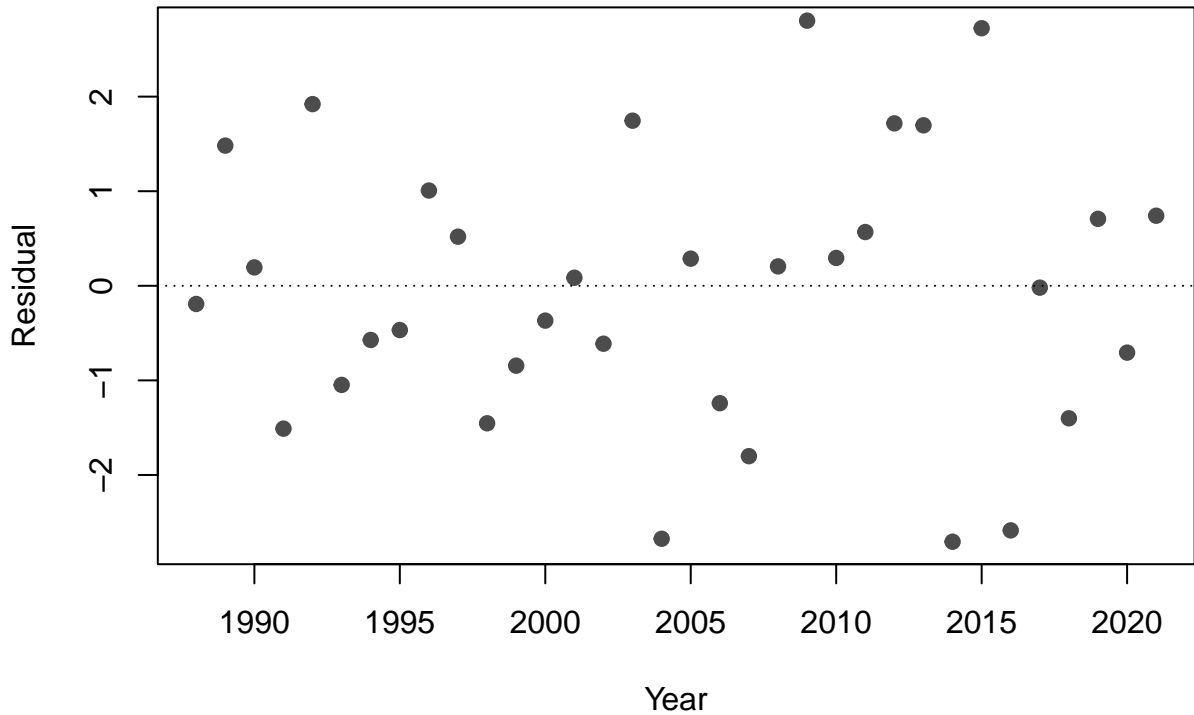
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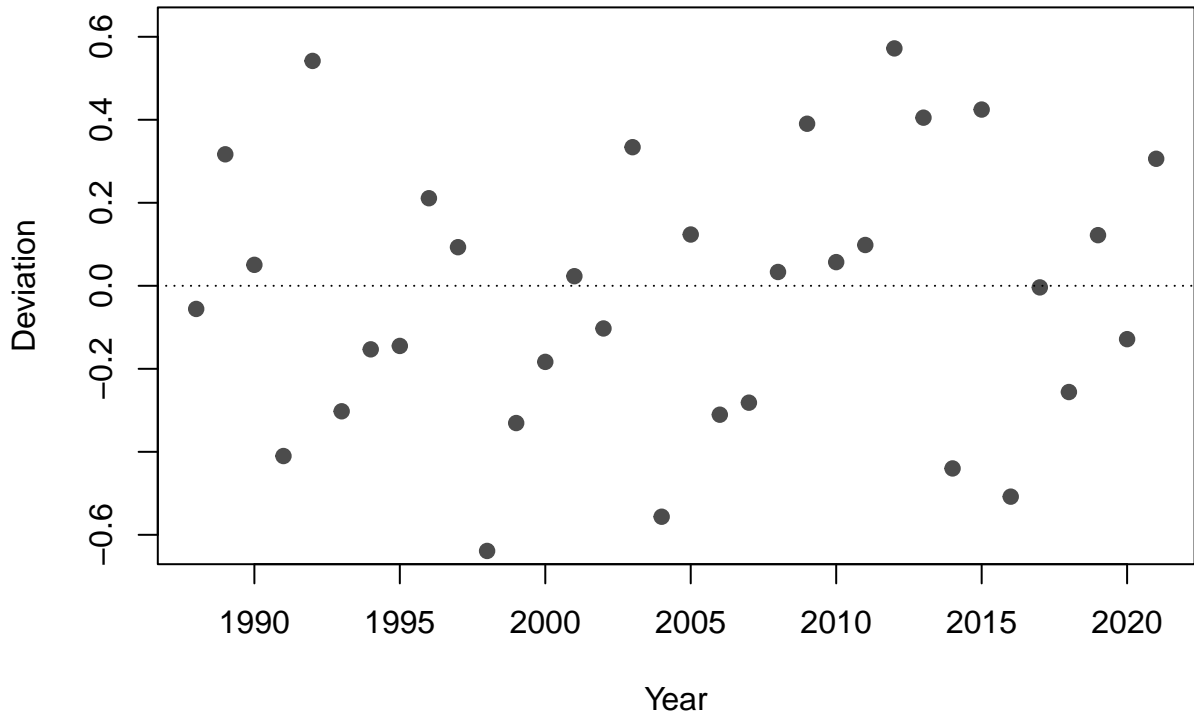
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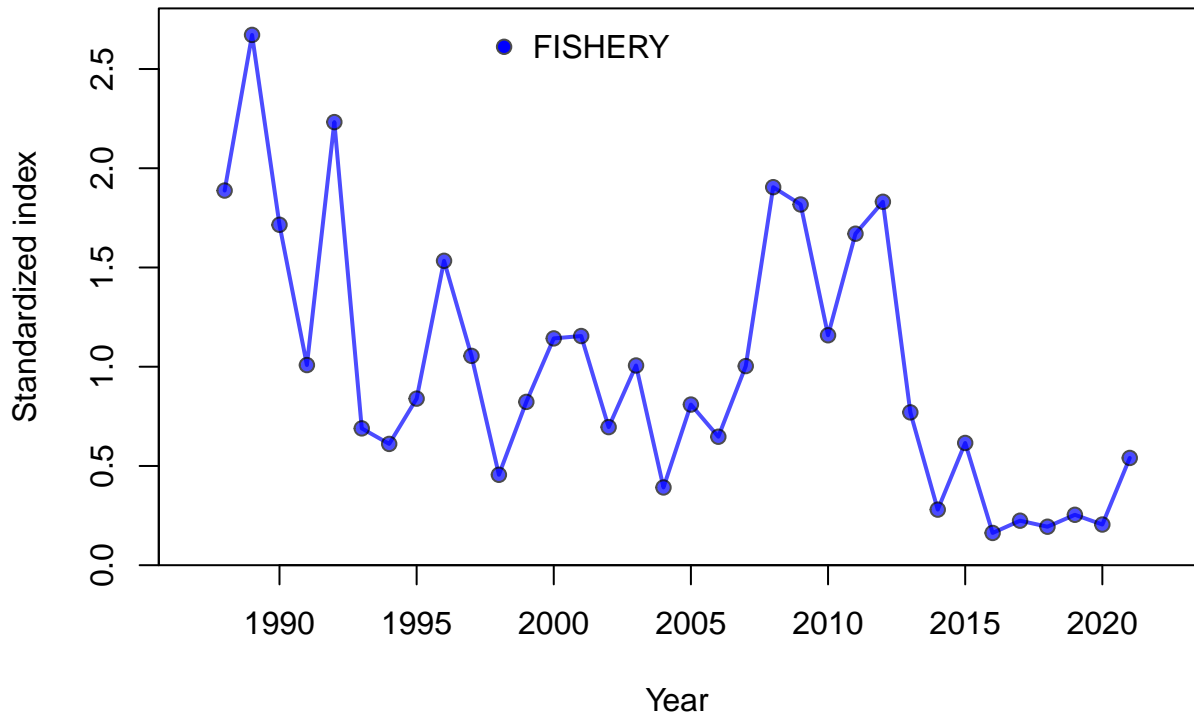
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Vulnerable biomass

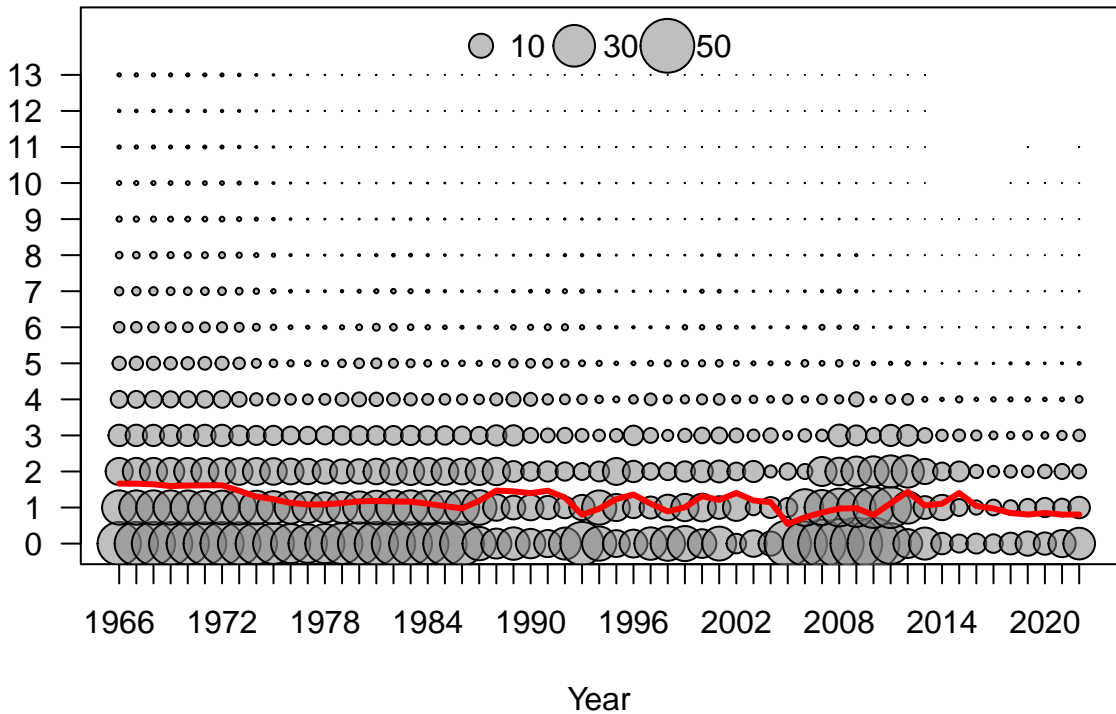


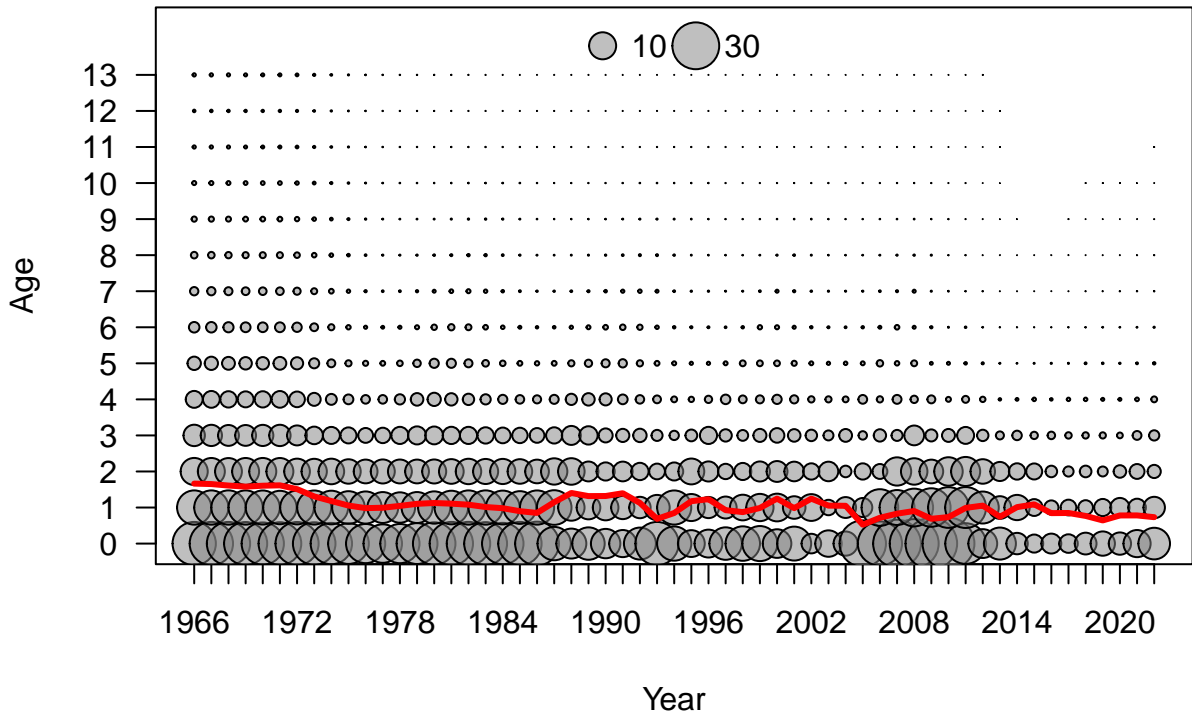


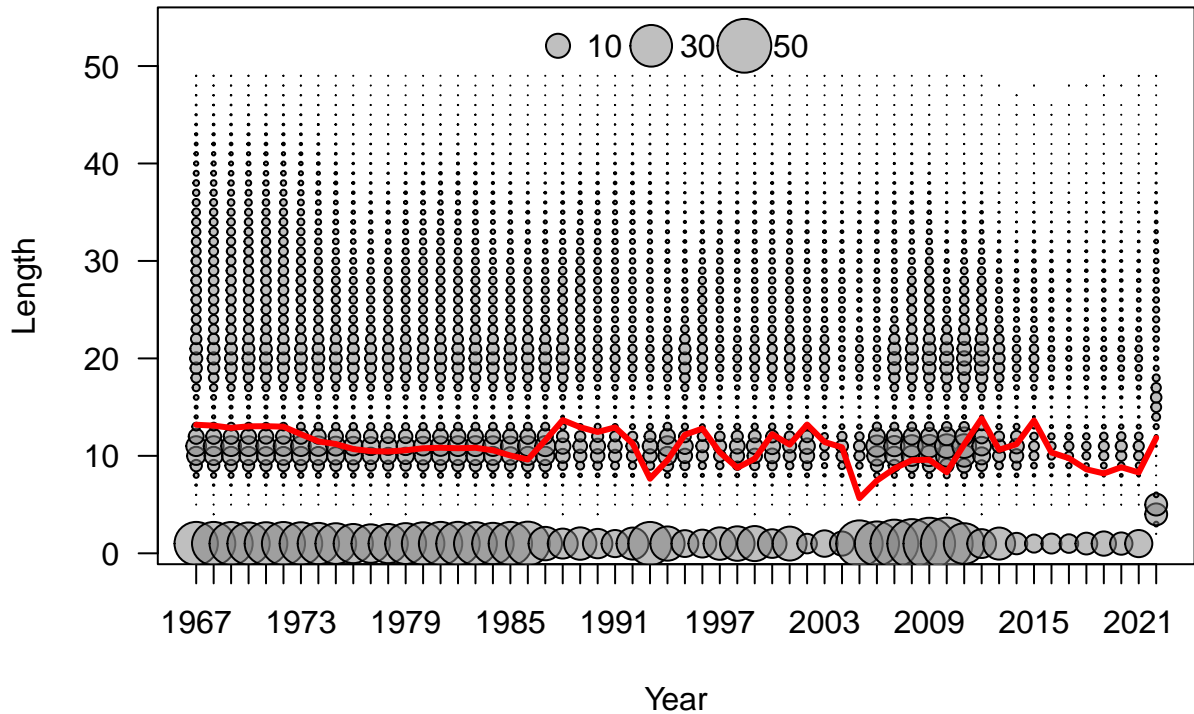


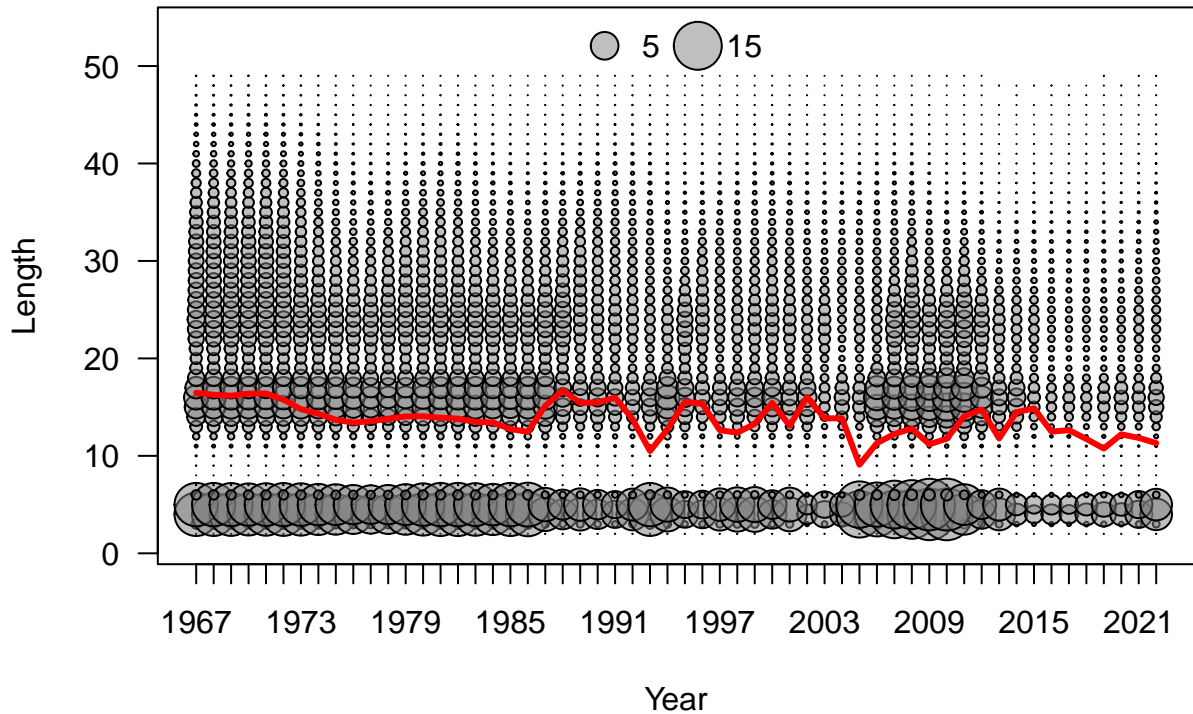


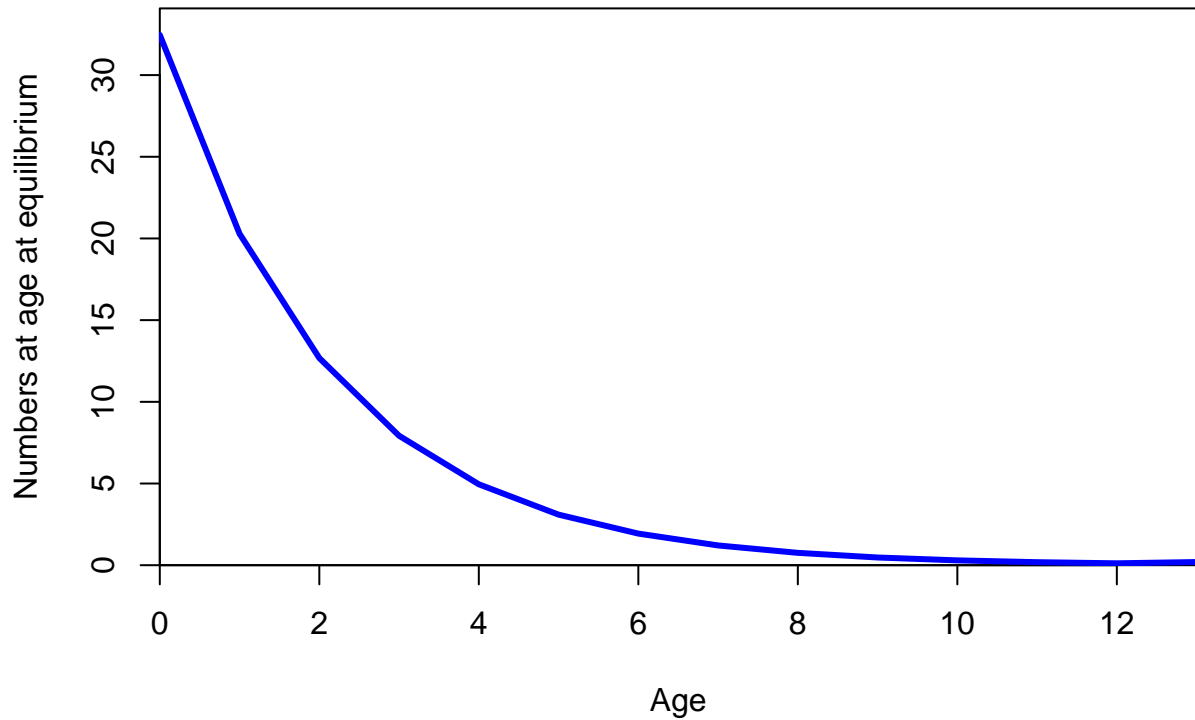
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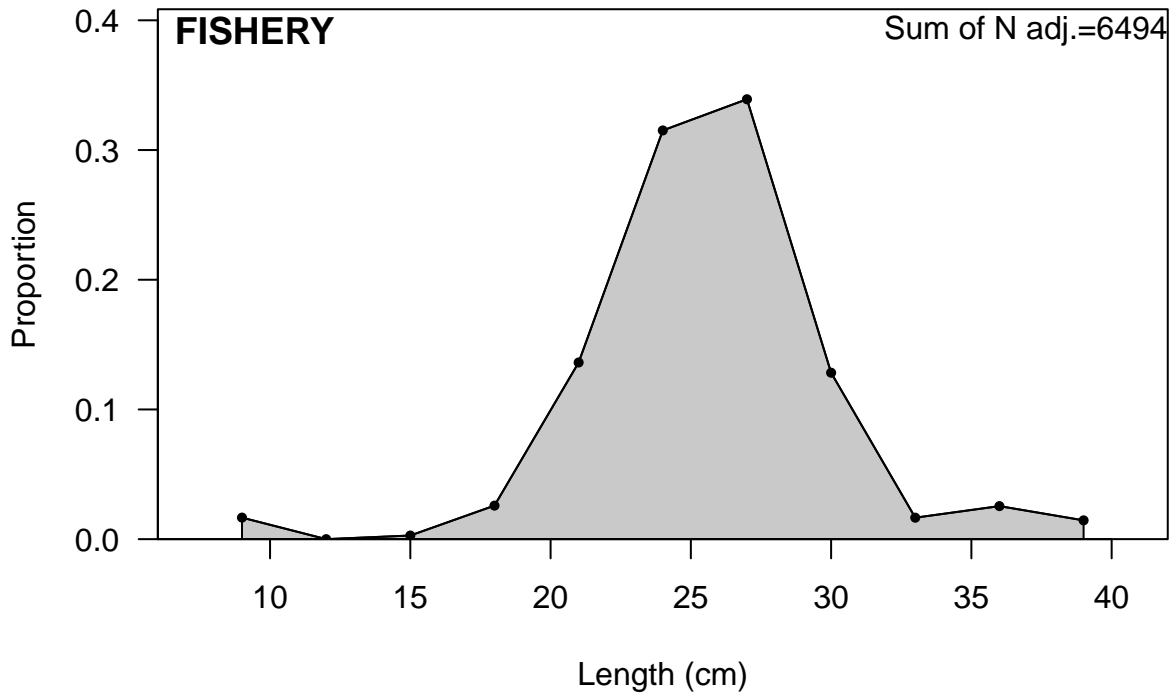


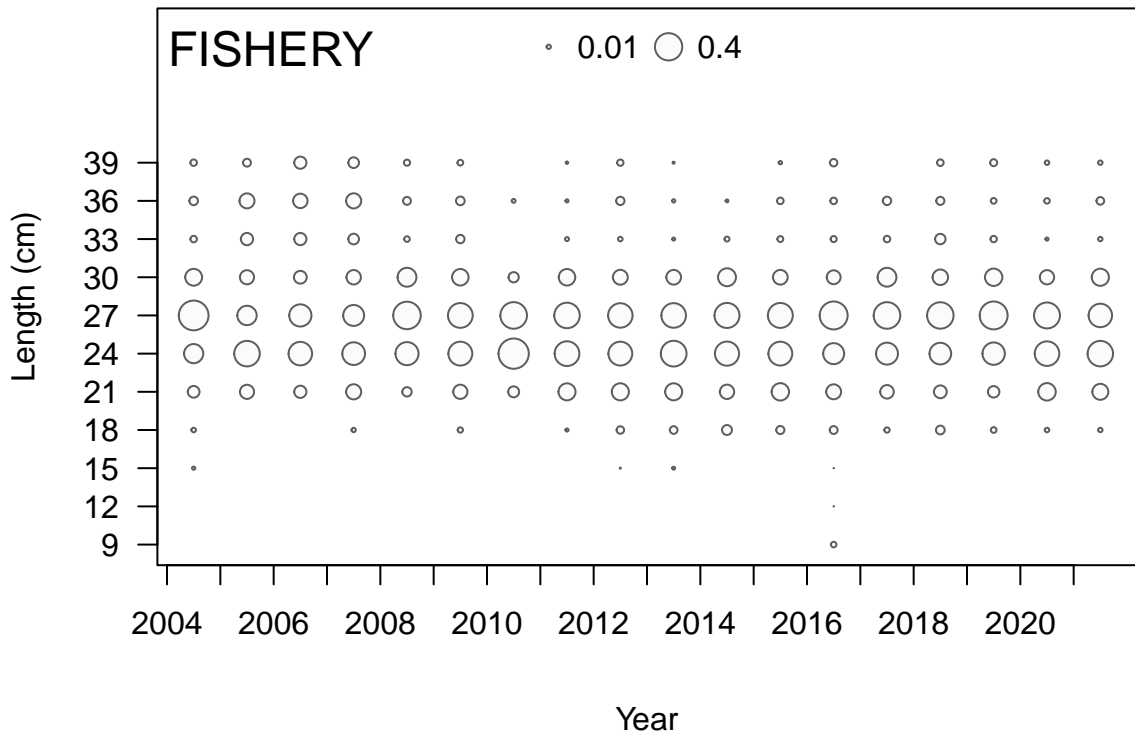




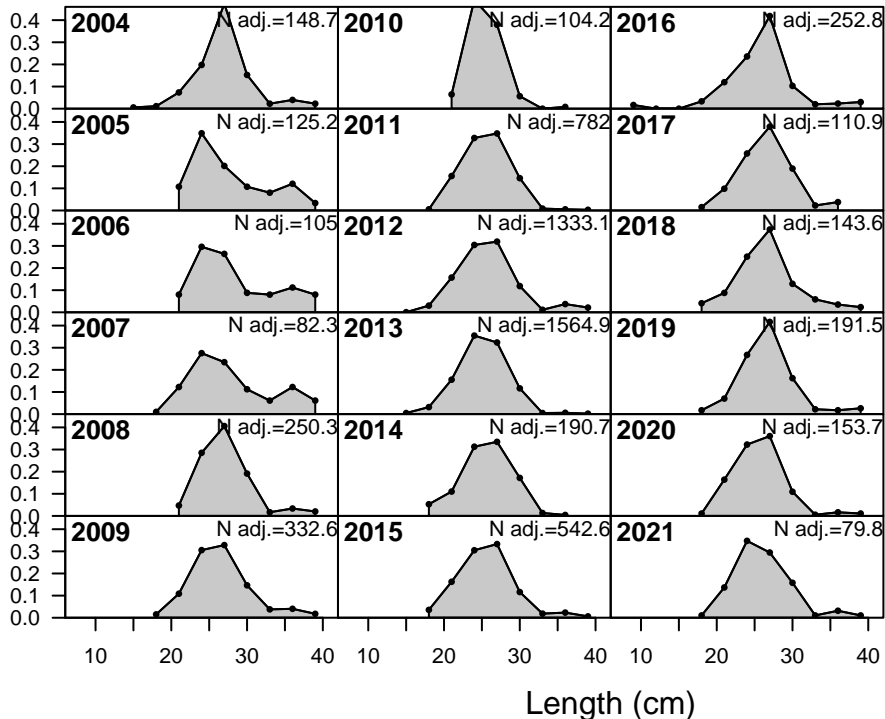


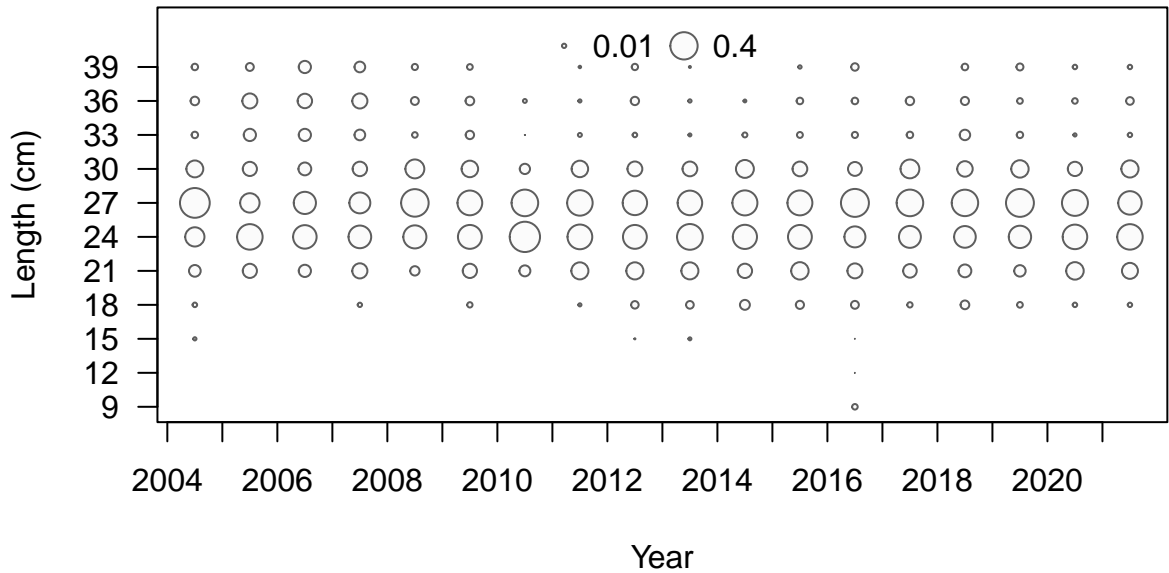




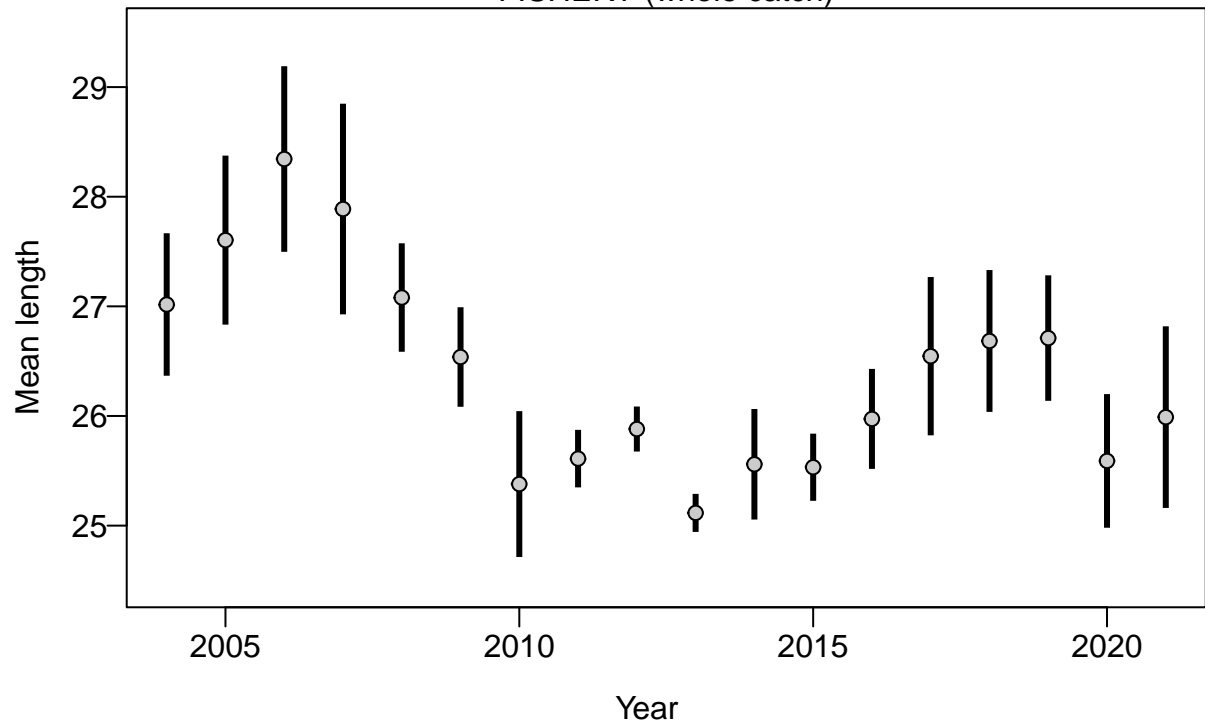


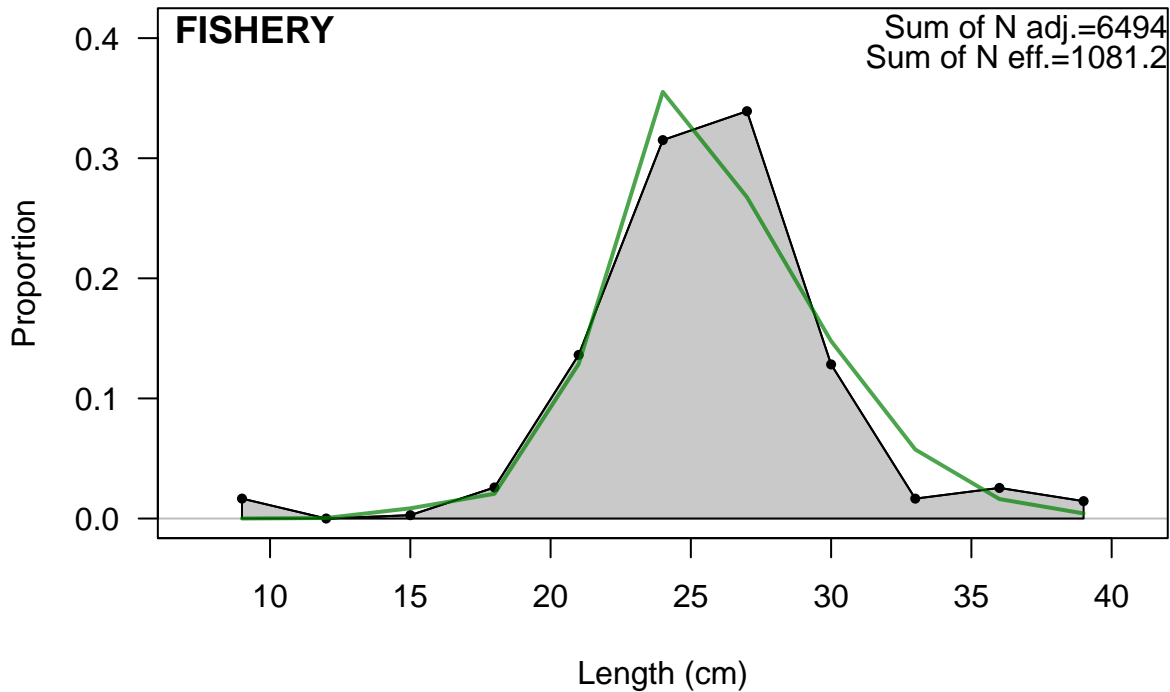
Proportion

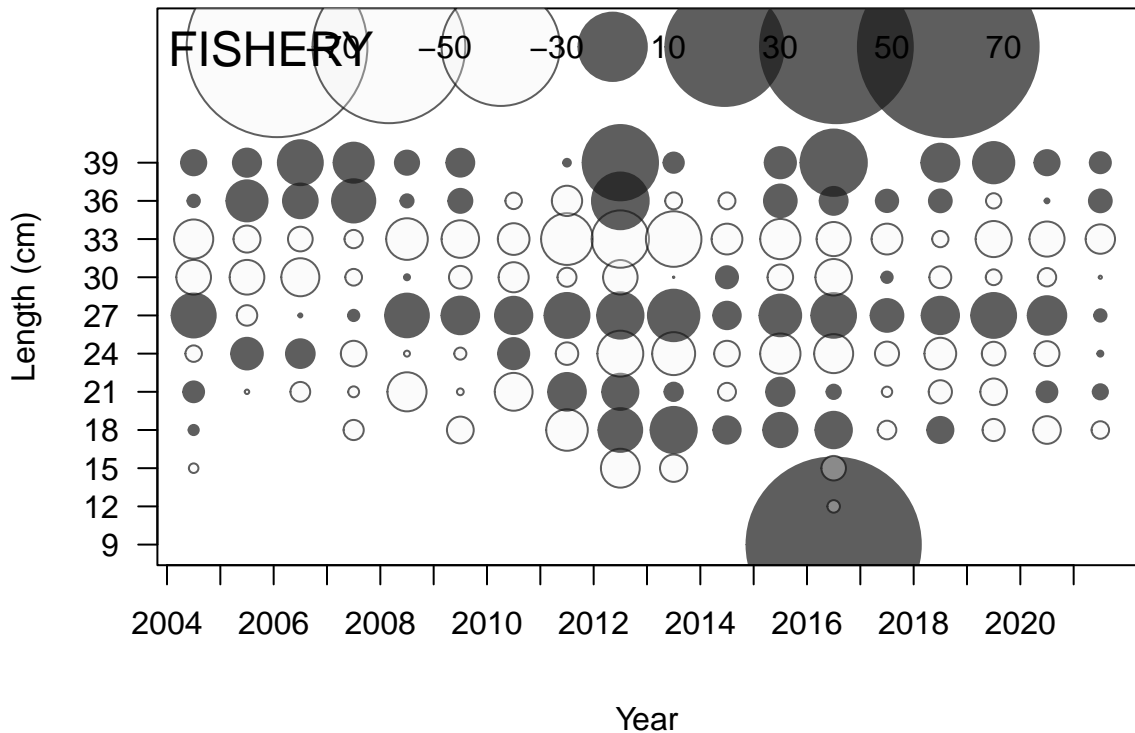




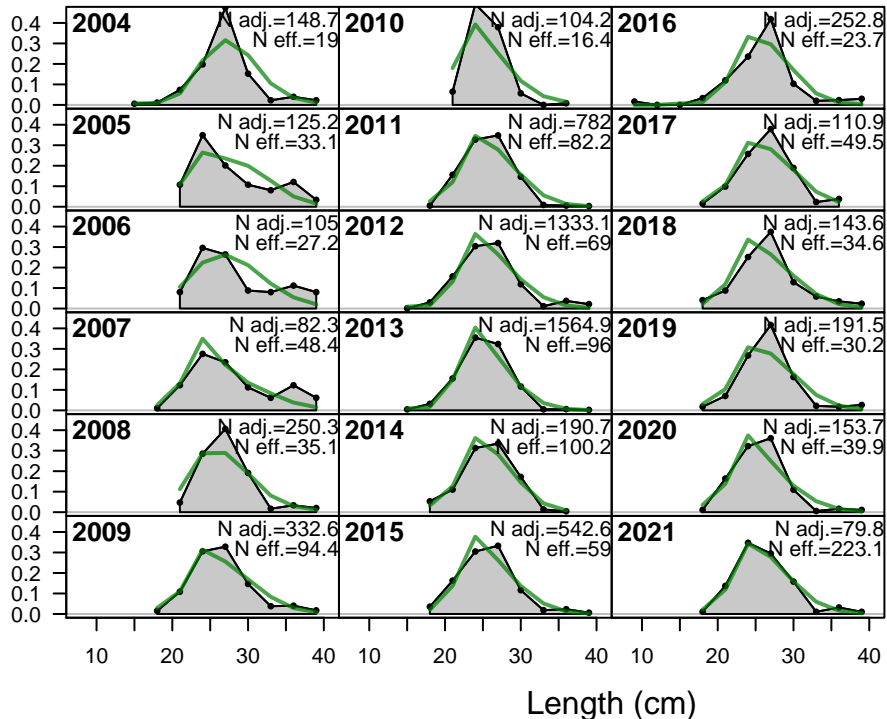
FISHERY (whole catch)



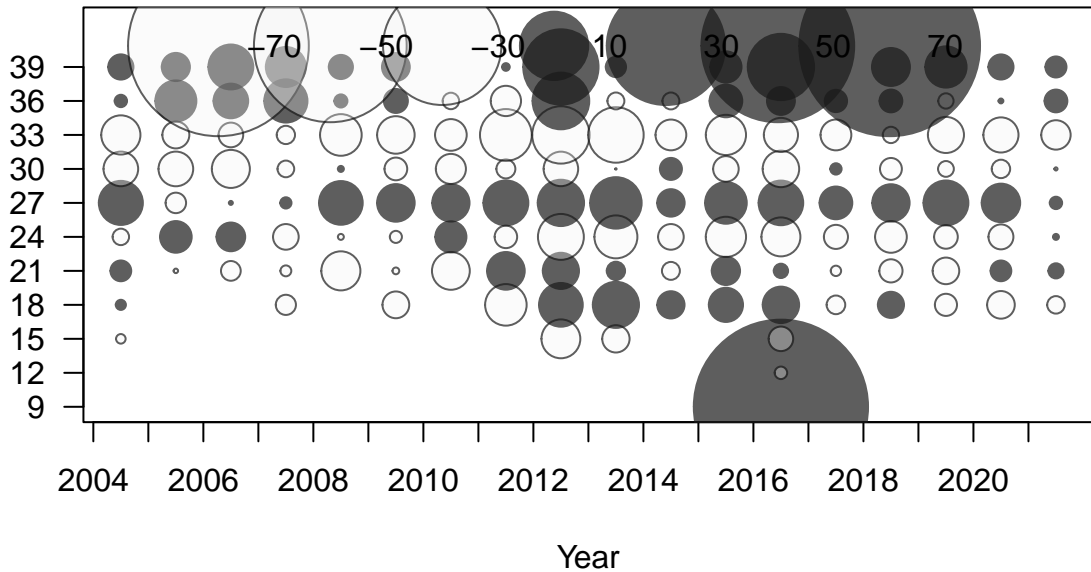




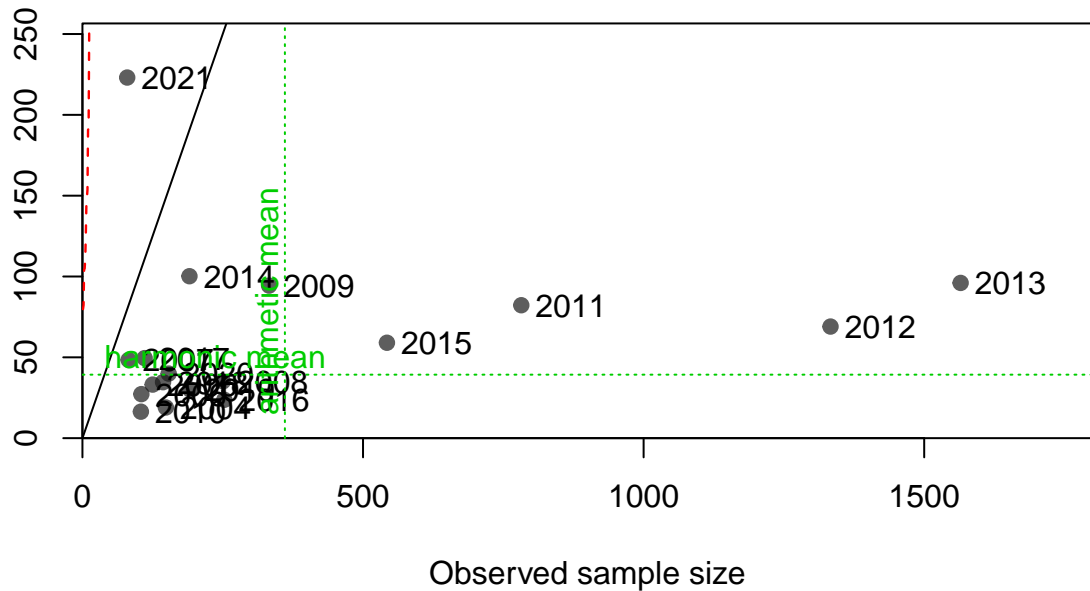
Proportion



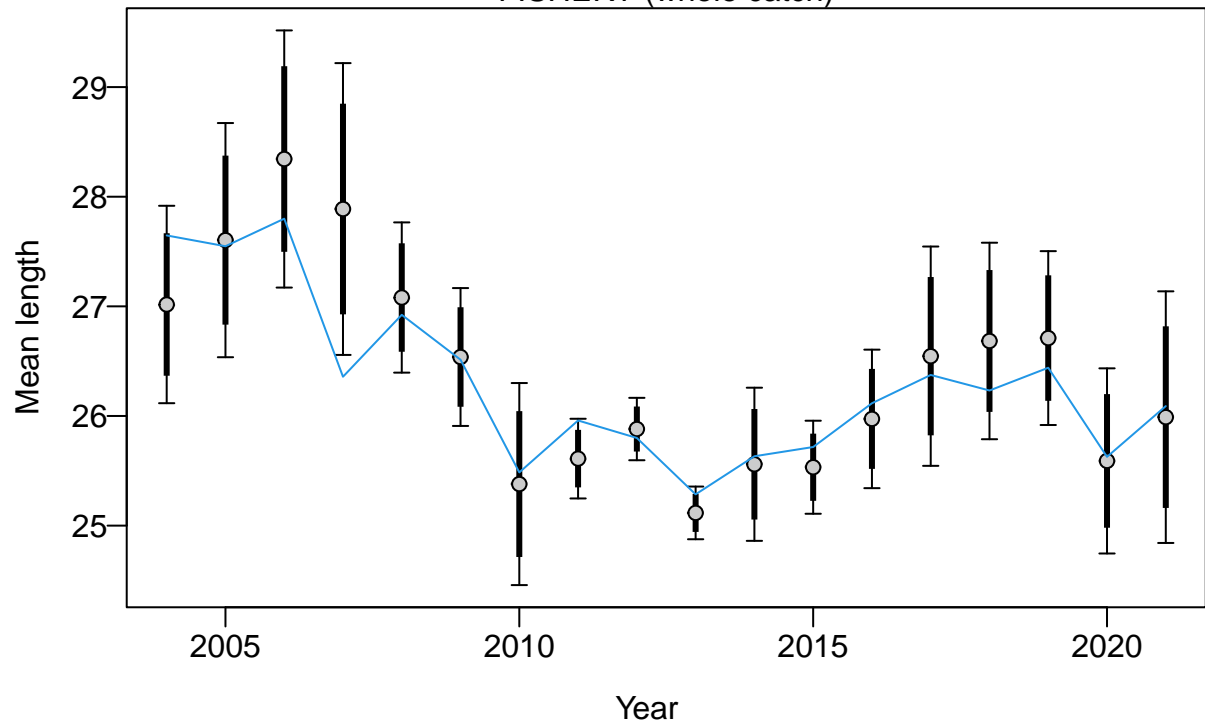
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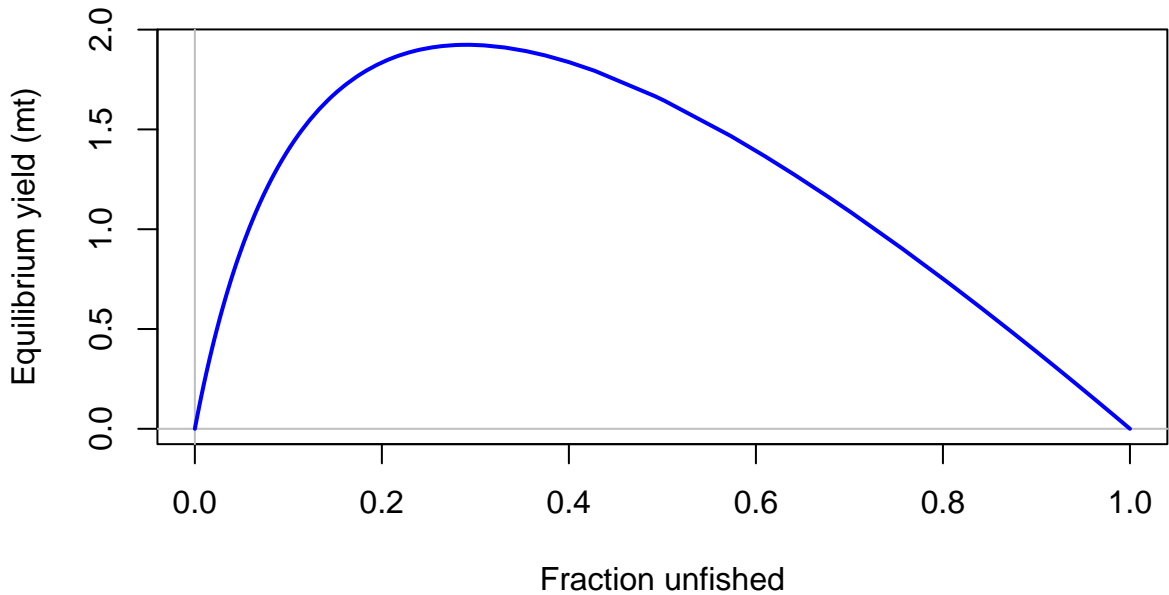


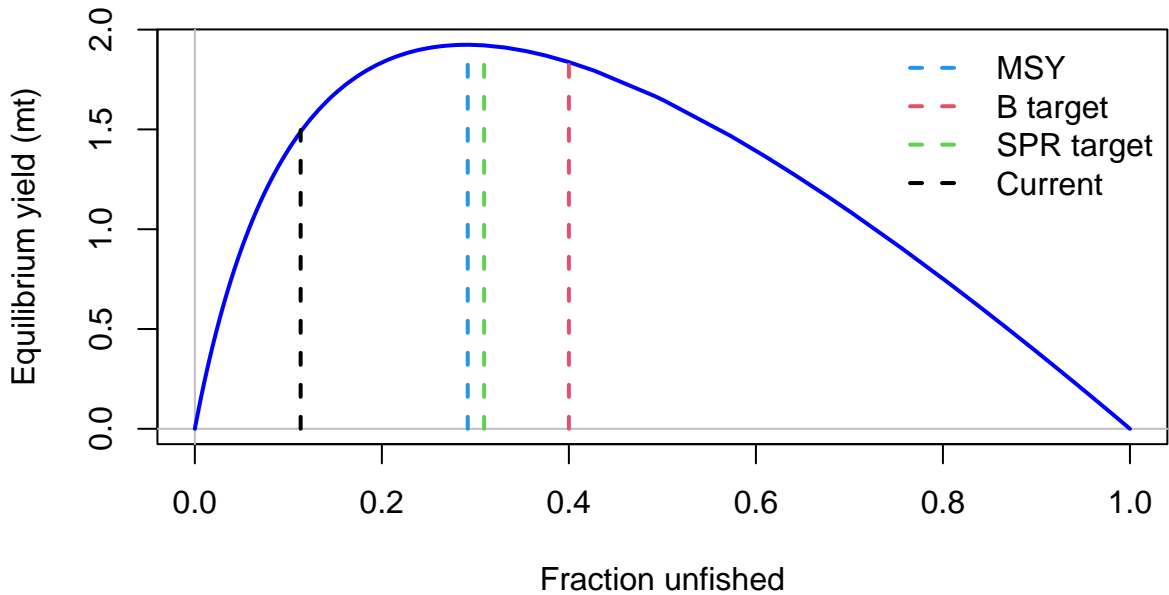
Effective sample size



FISHERY (whole catch)







Surplus production (mt)

