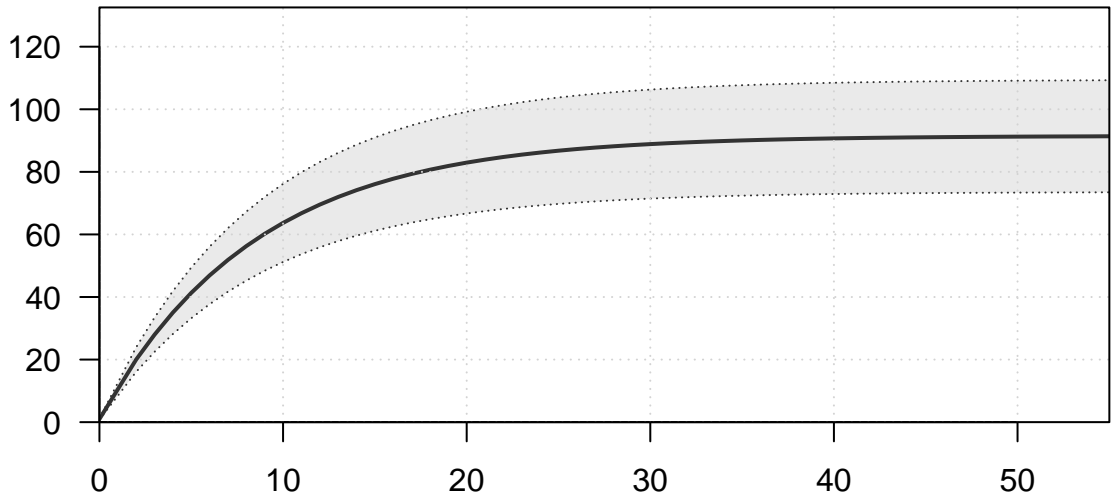
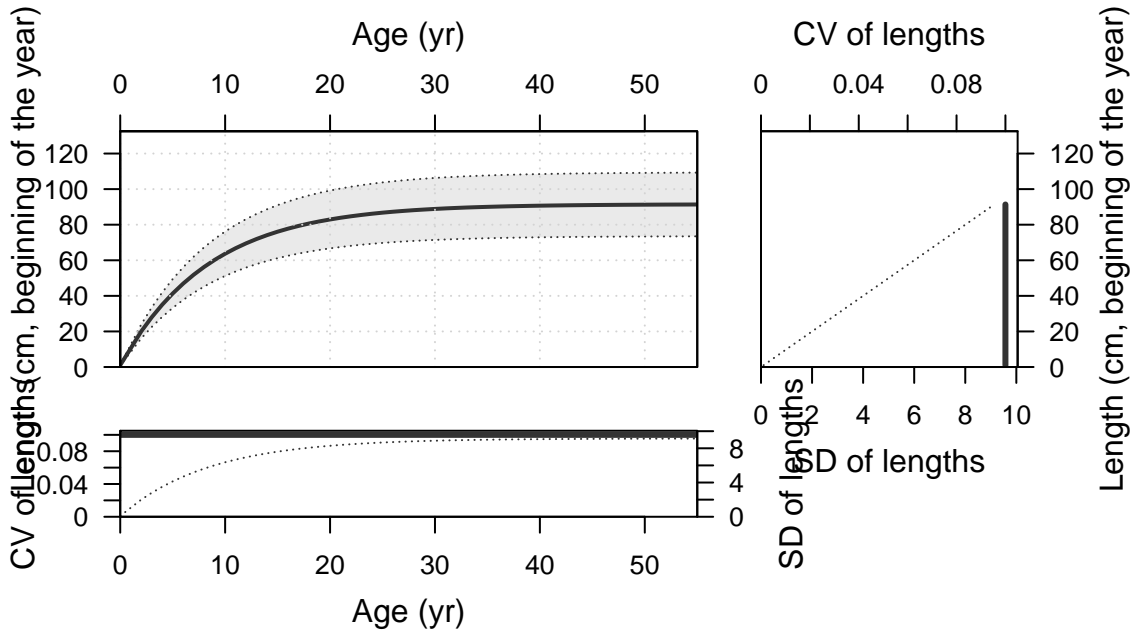


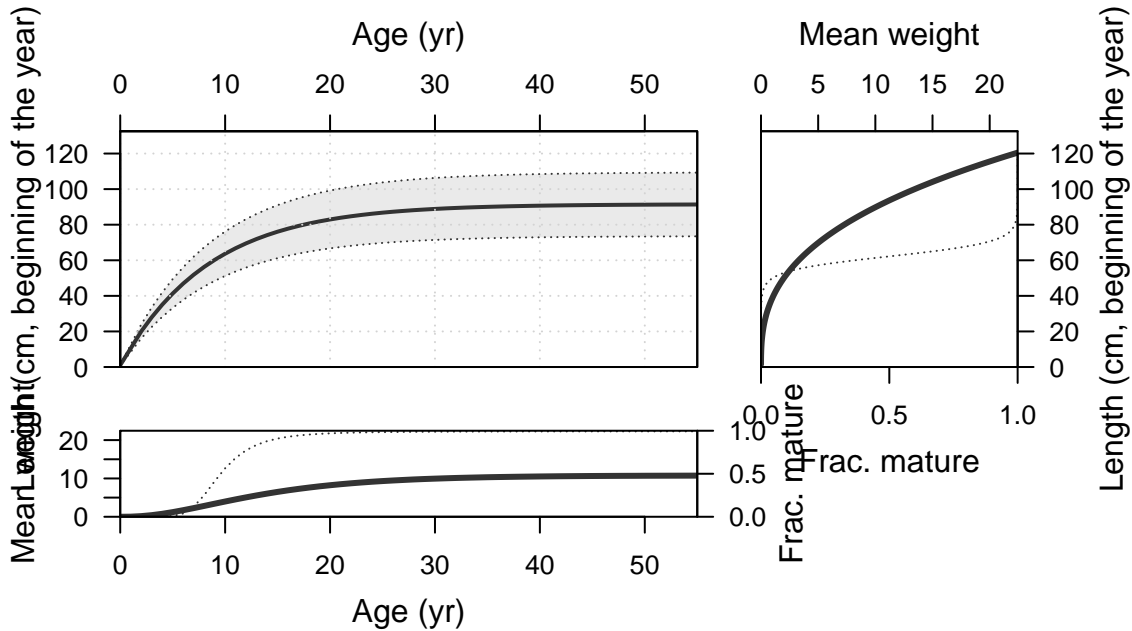
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Mon Jul 11 16:15:59 2022
Data_File: data.ss
Control_File: control.ss

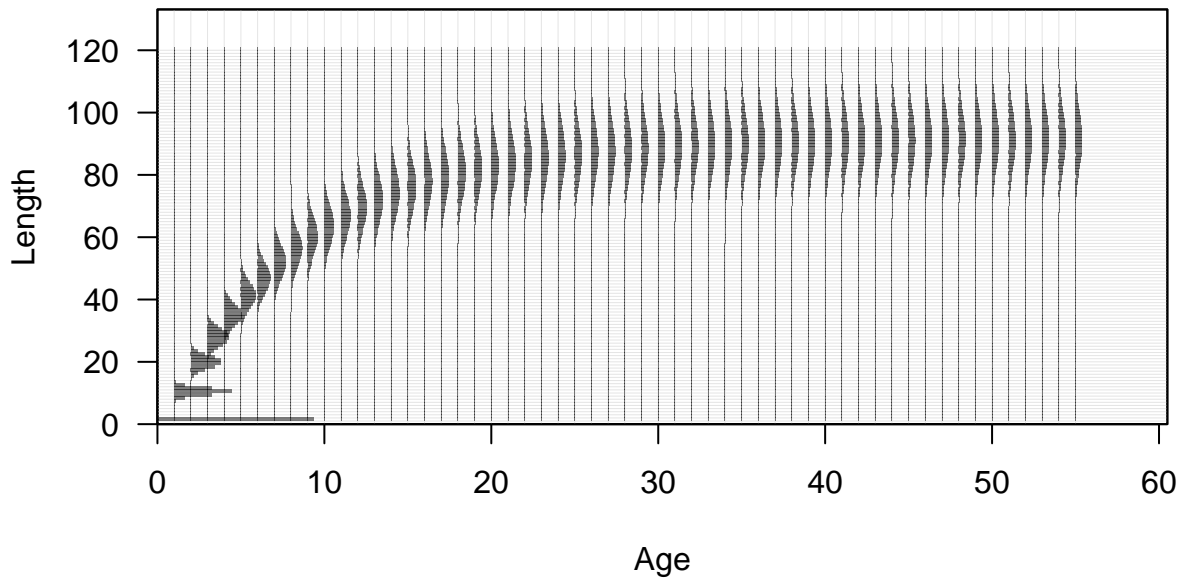
Length (cm, beginning of the year)

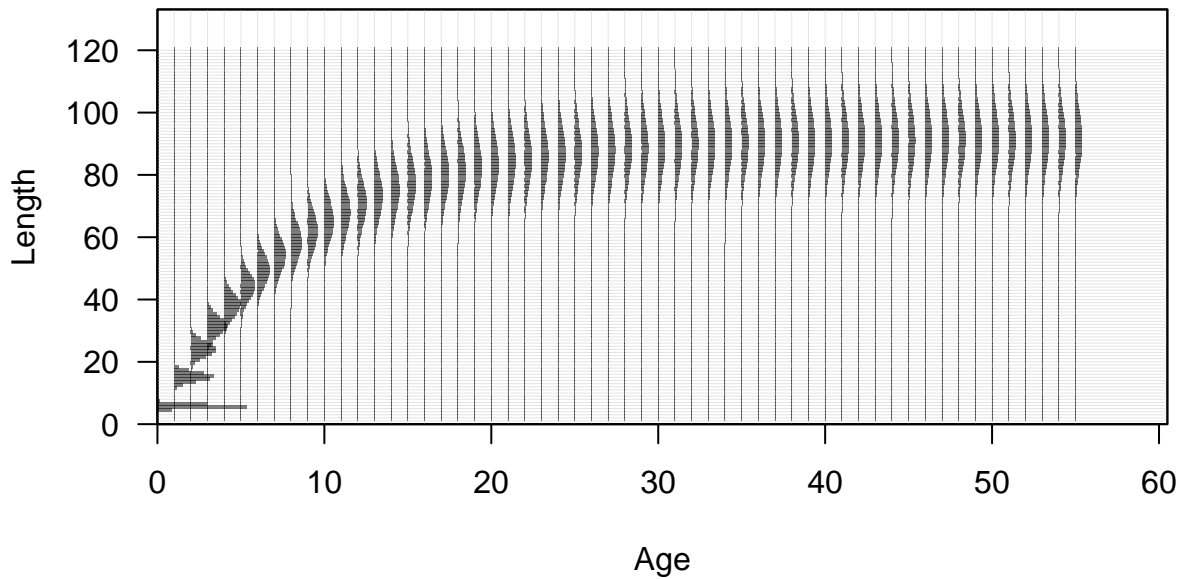


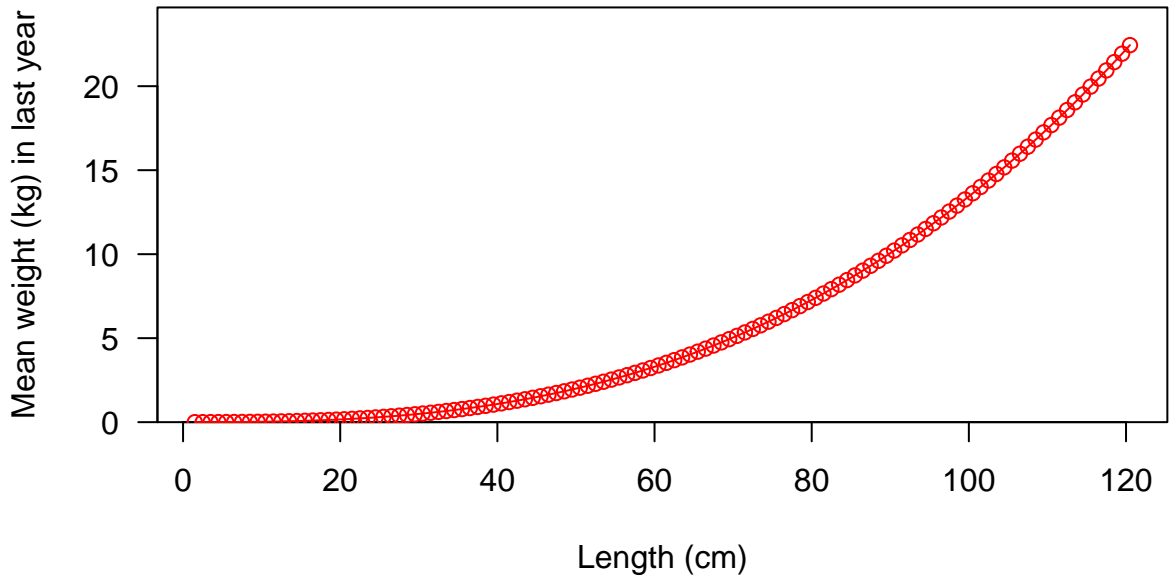
Age (yr)

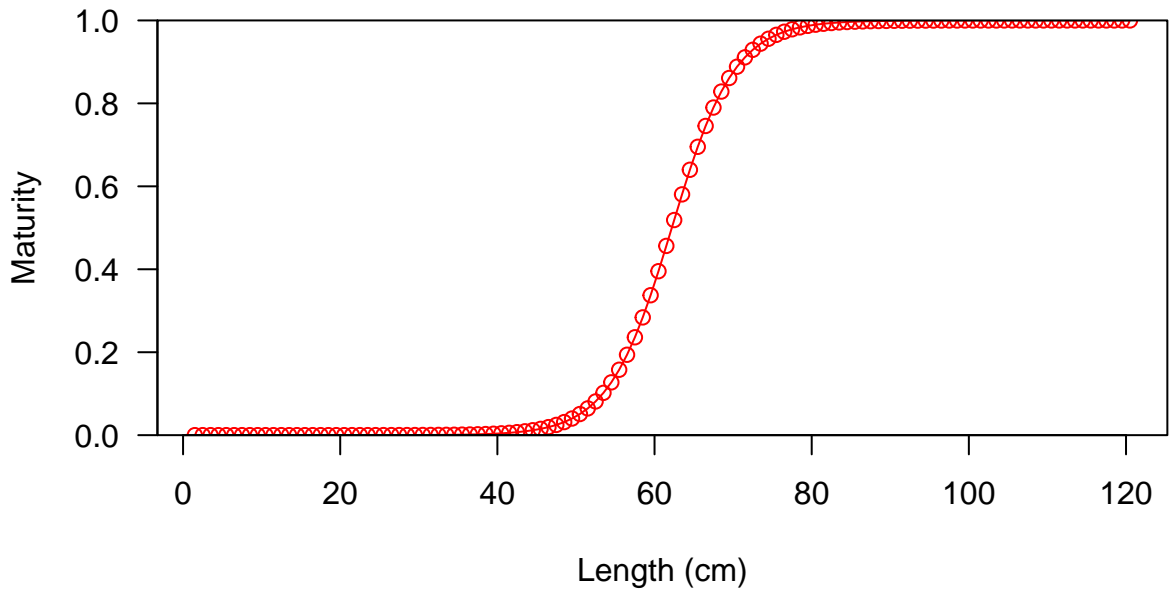














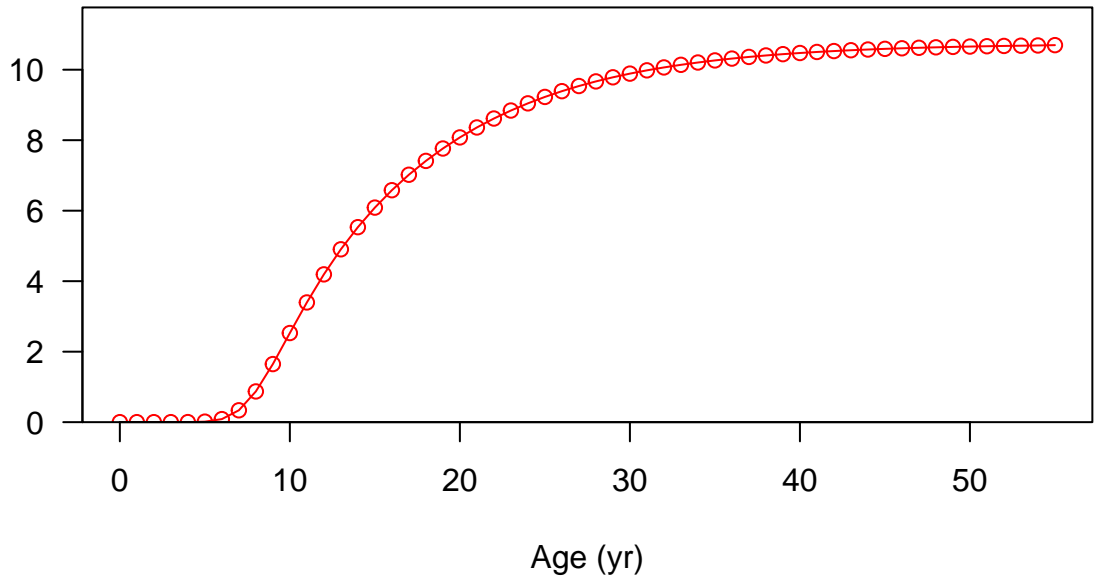


Fecundity

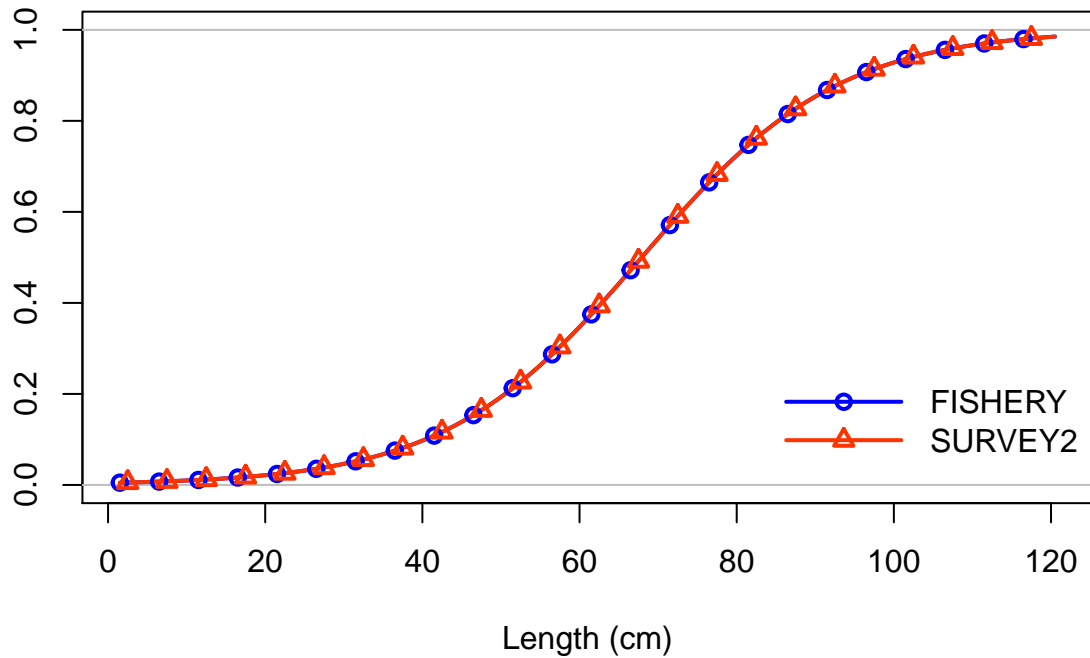




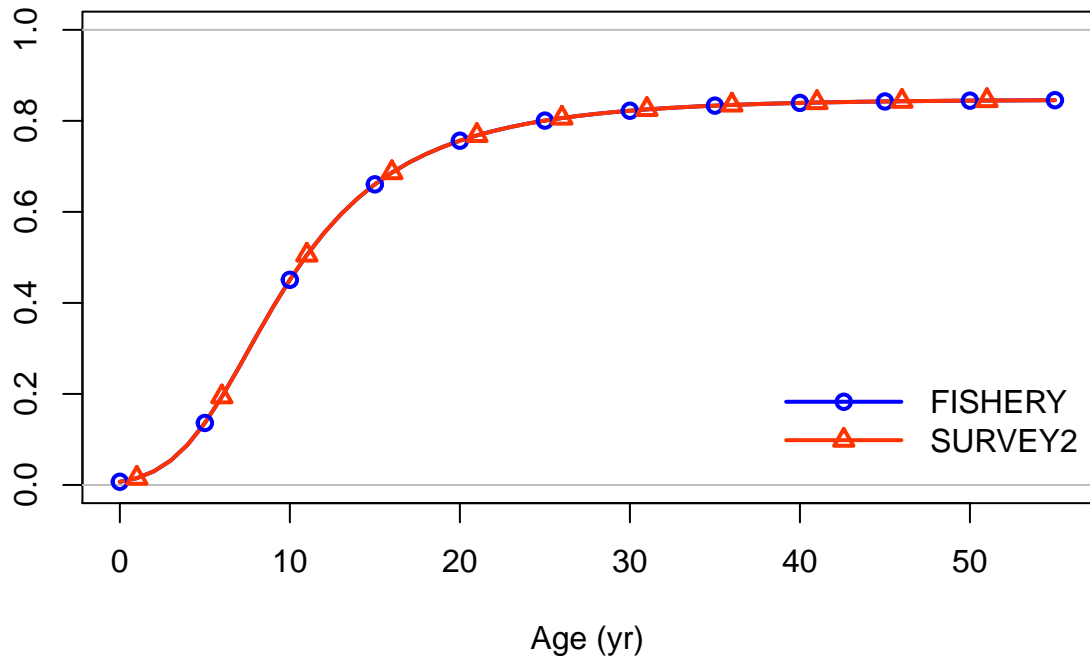
Spawning output



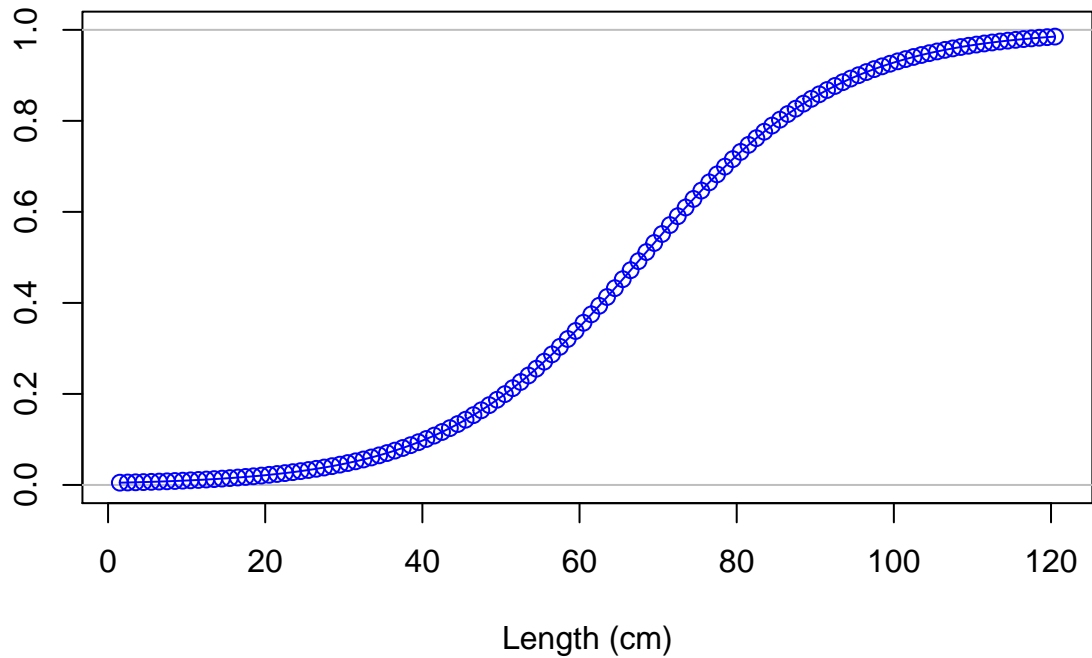
Selectivity



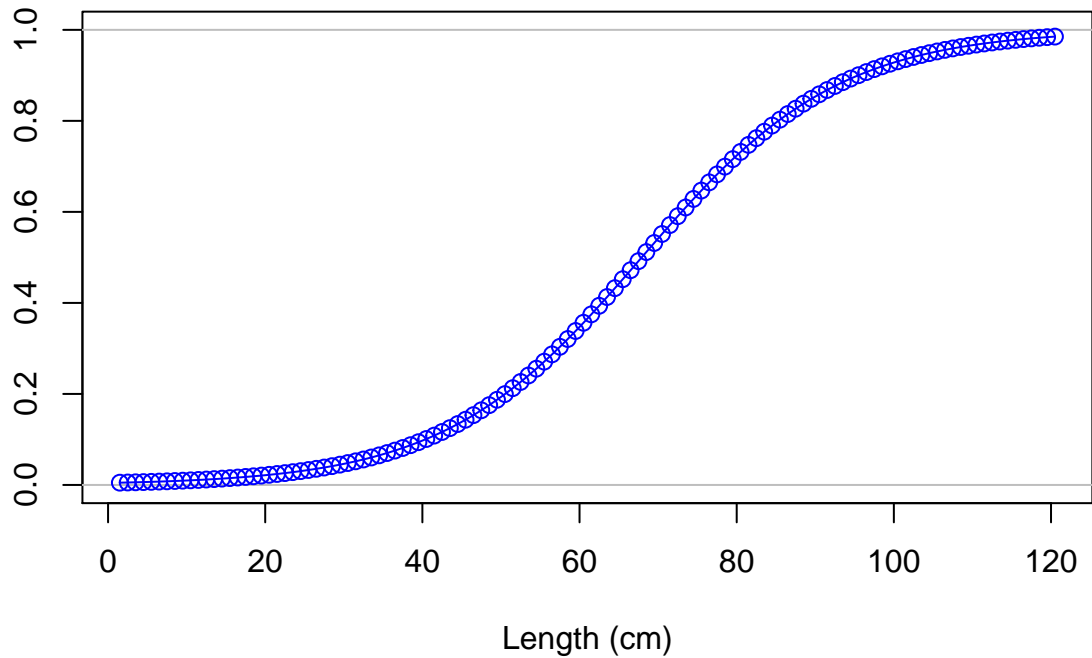
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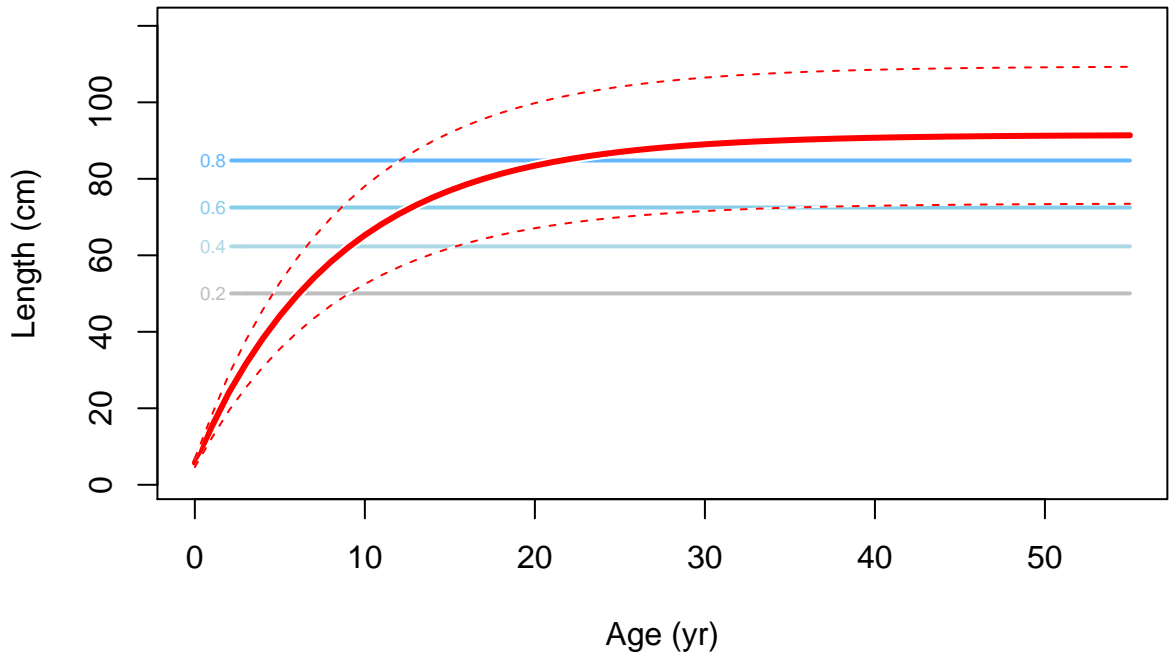


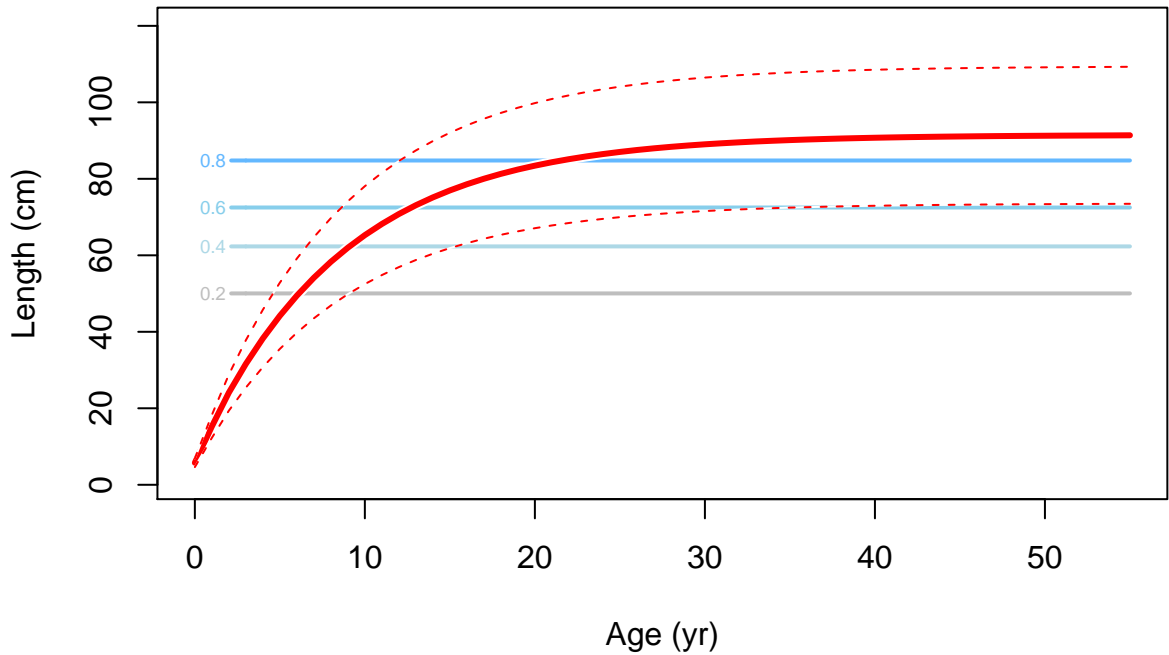
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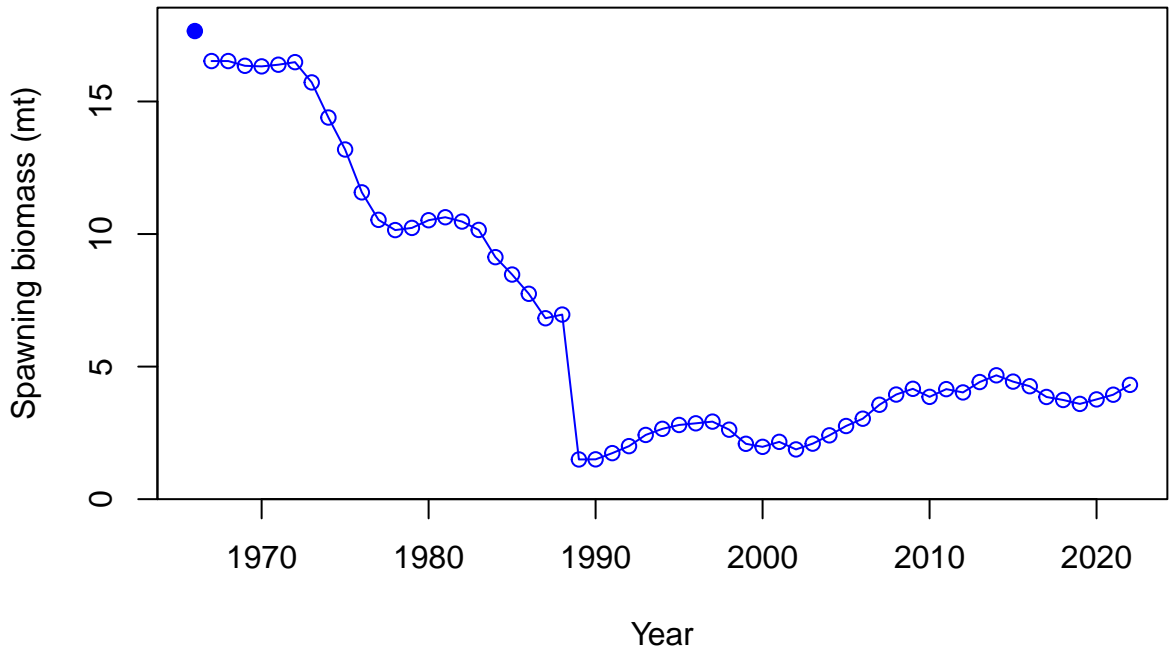


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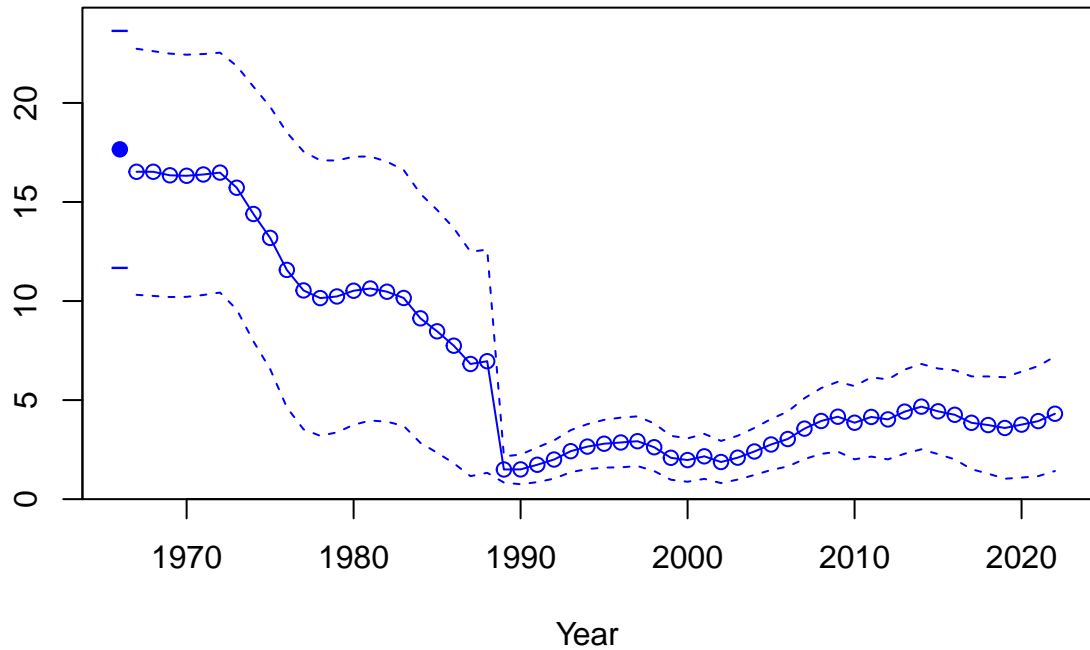




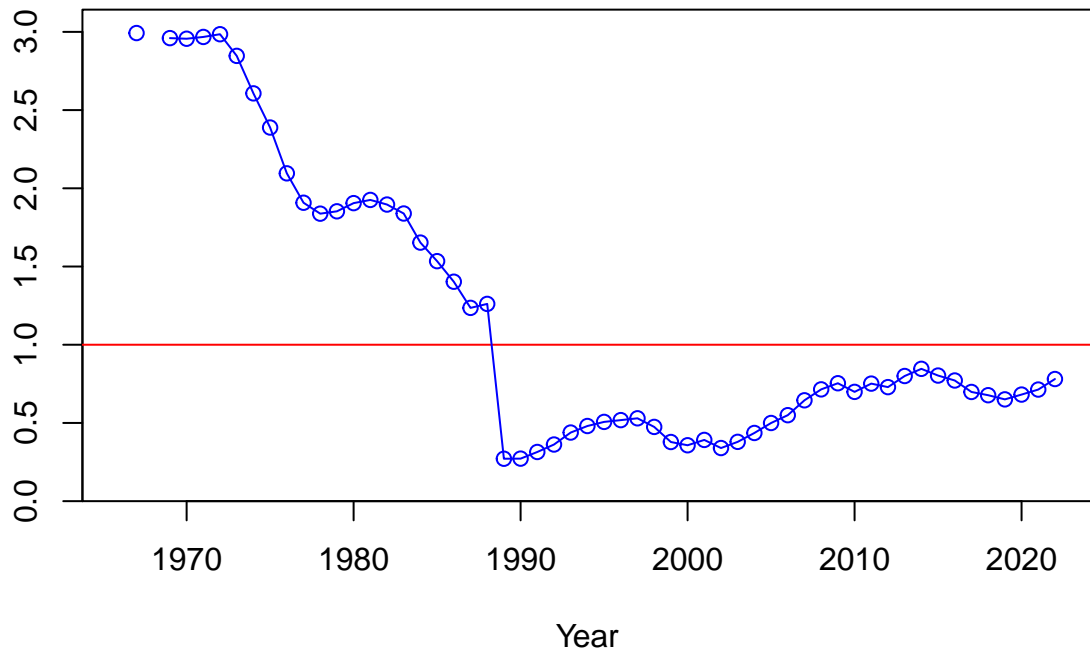




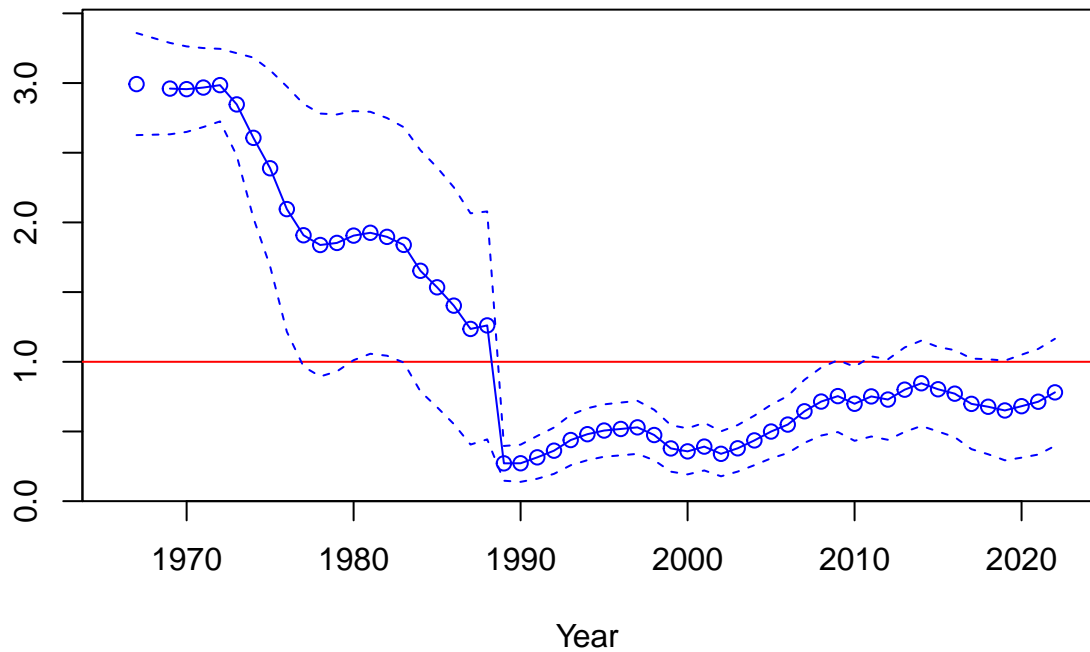
Spawning biomass (mt)

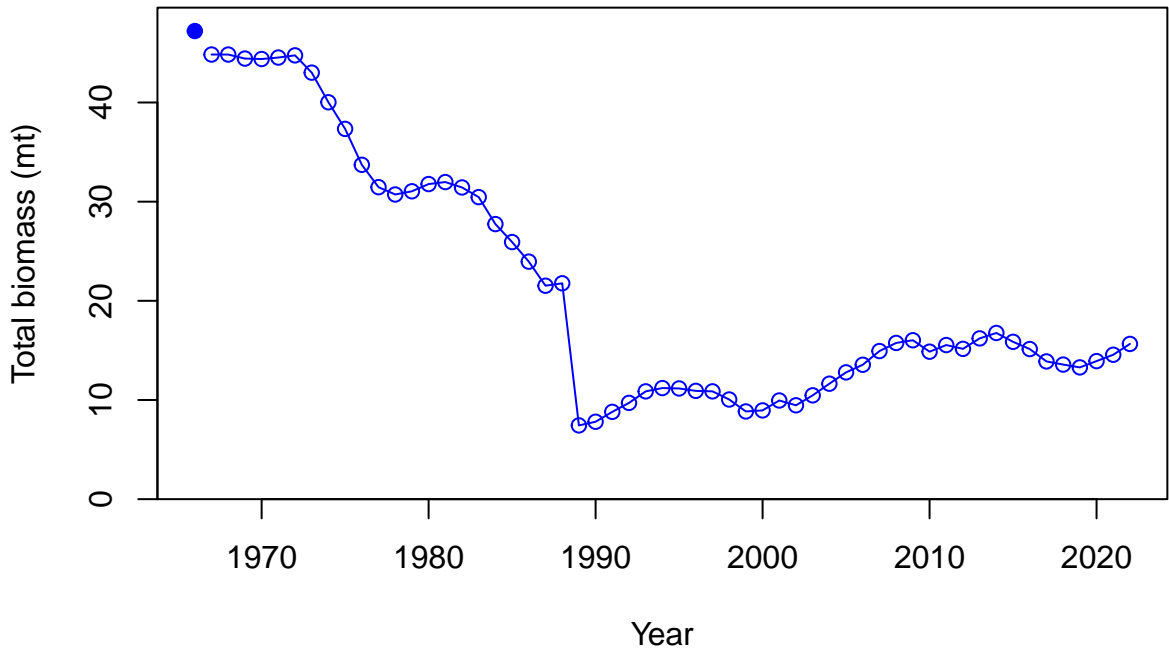


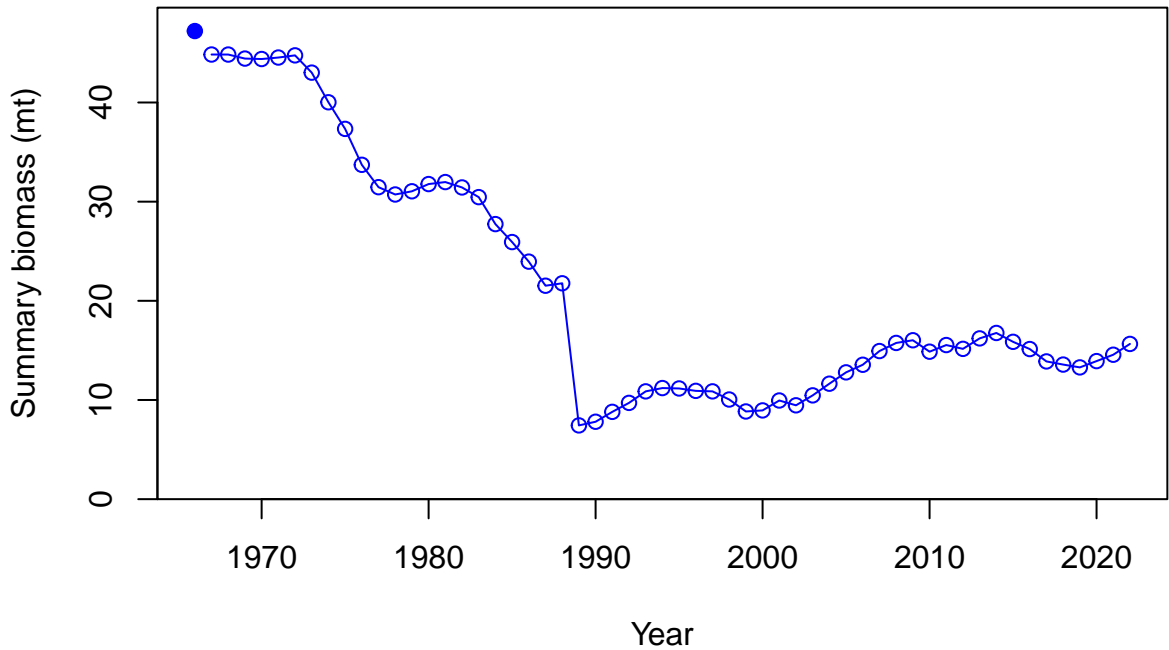
Relative spawning biomass: B/B_MSY



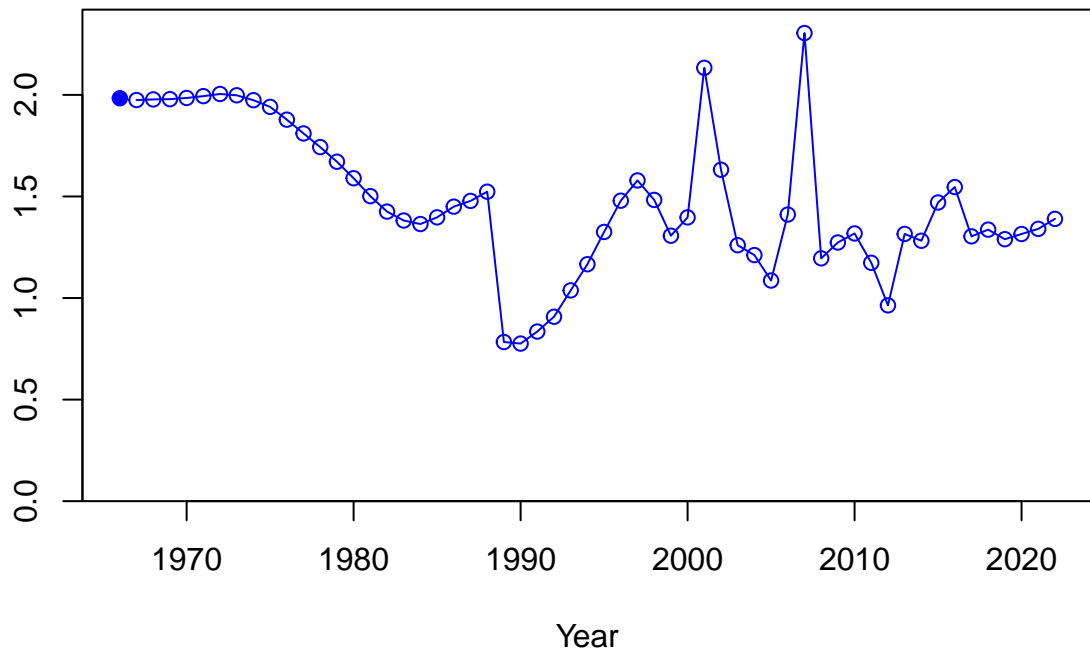
Relative spawning biomass: B/B_{MSY}



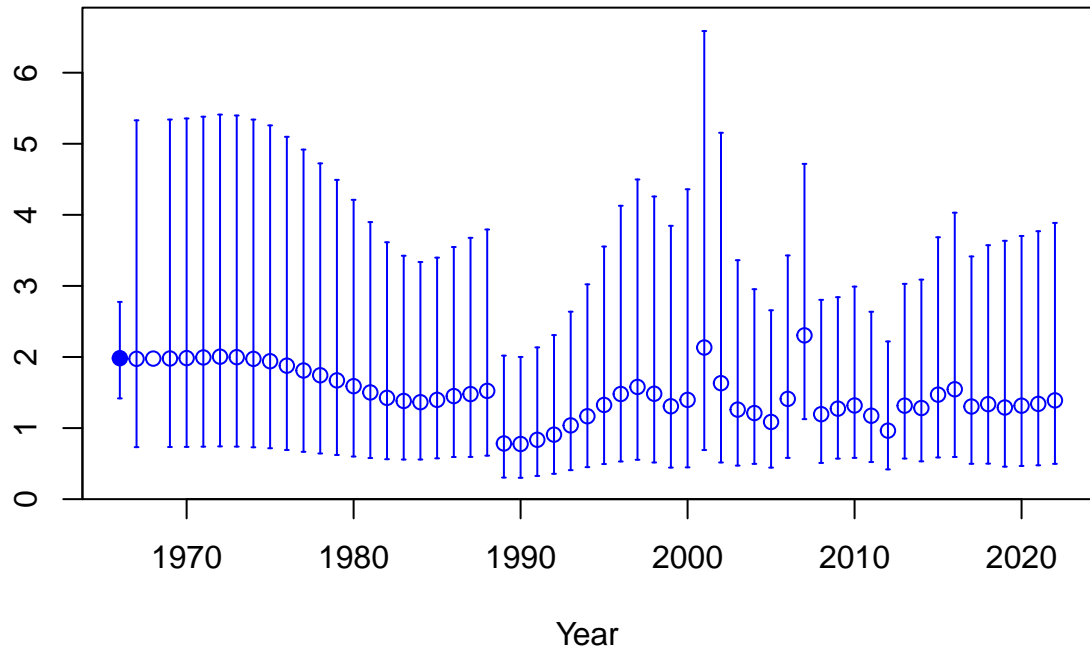




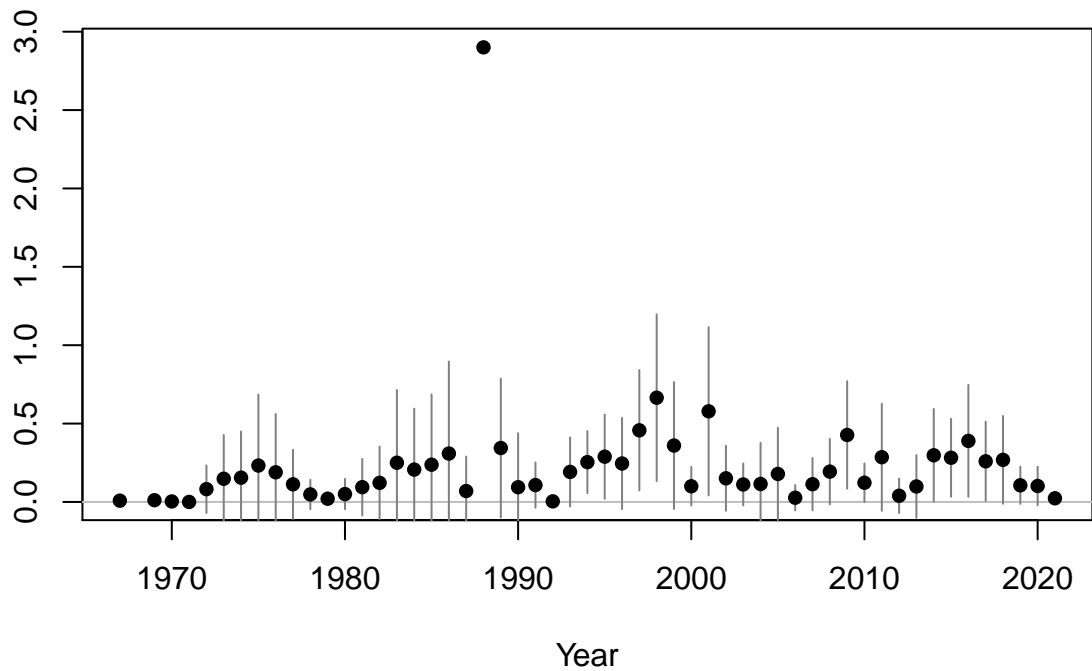
Age-0 recruits (1,000s)



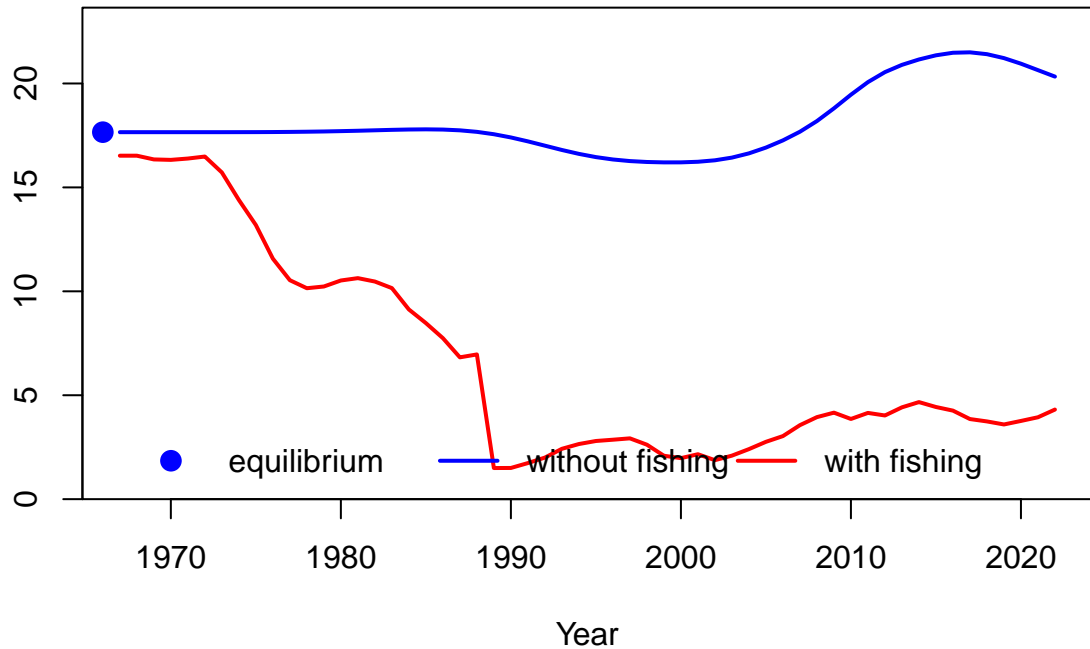
Age-0 recruits (1,000s)

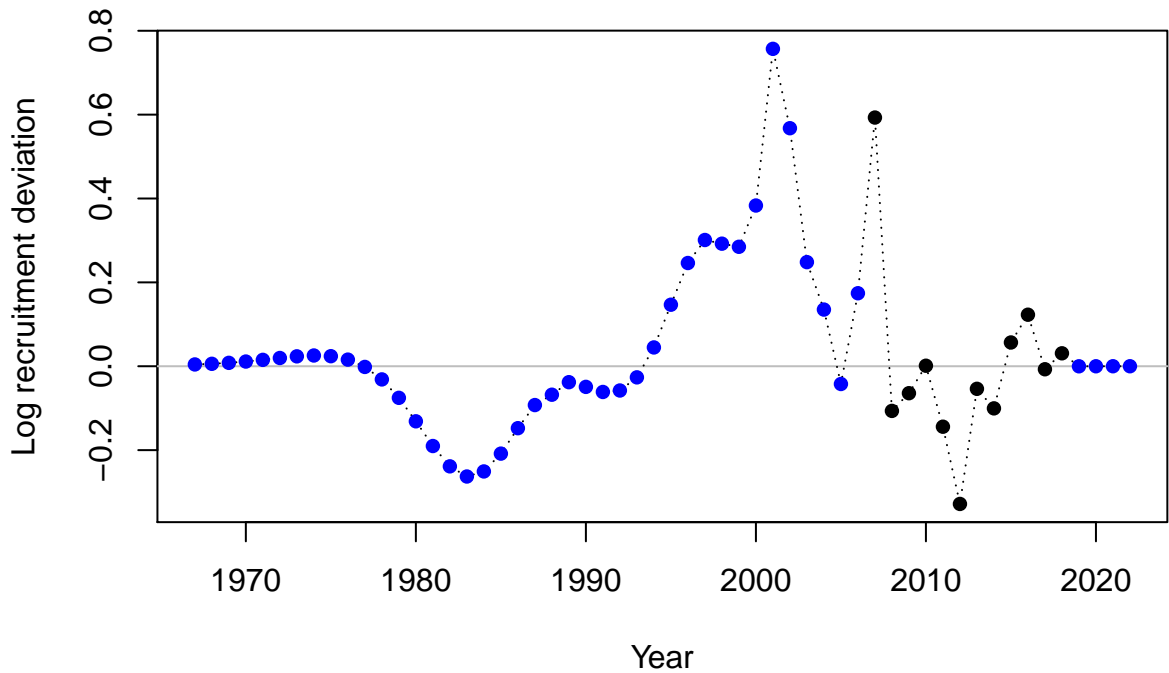


Summary Fishing Mortality

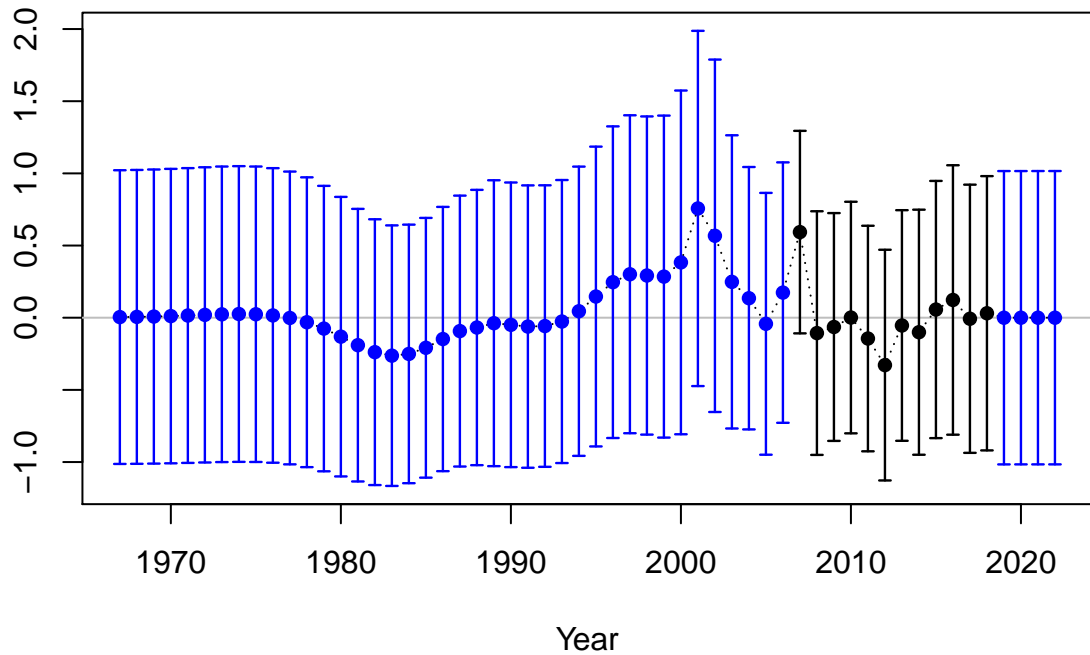


Spawning biomass (mt)



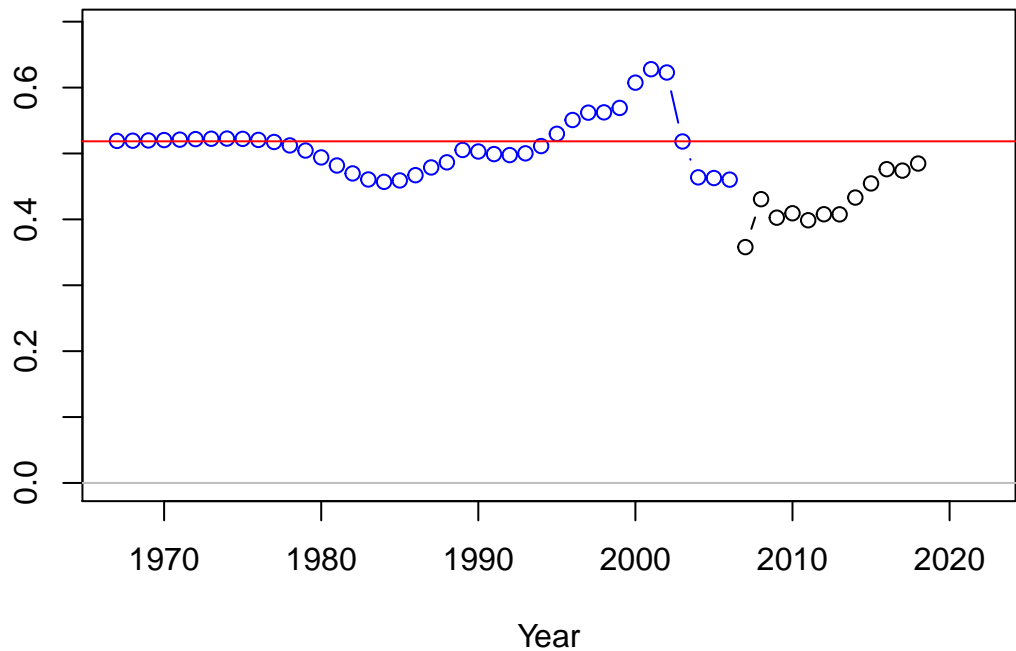


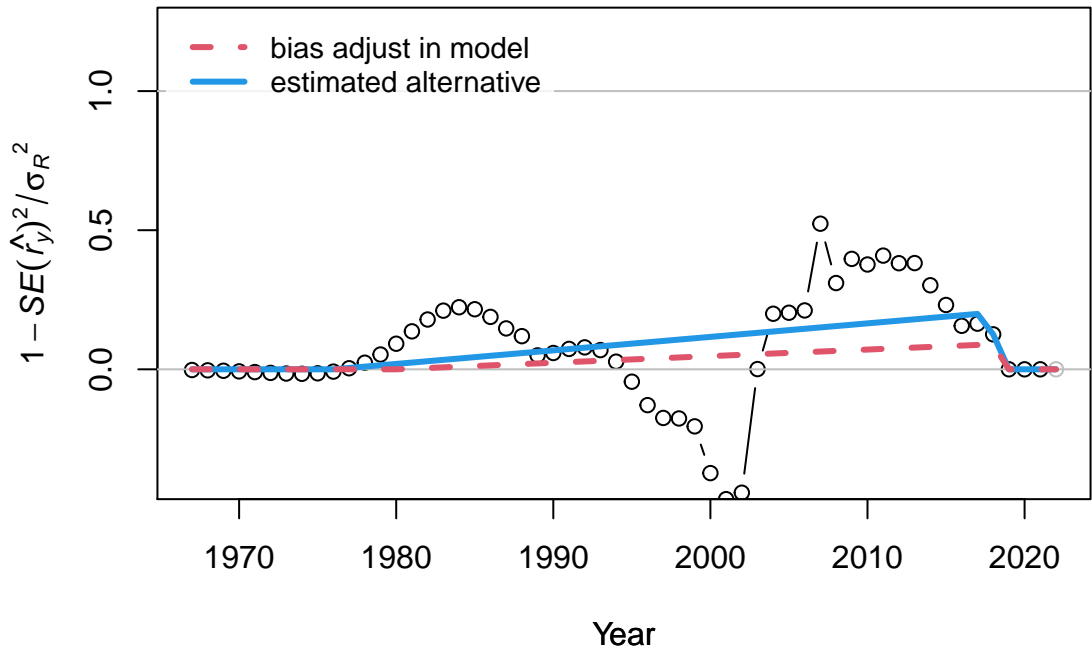
Log recruitment deviation



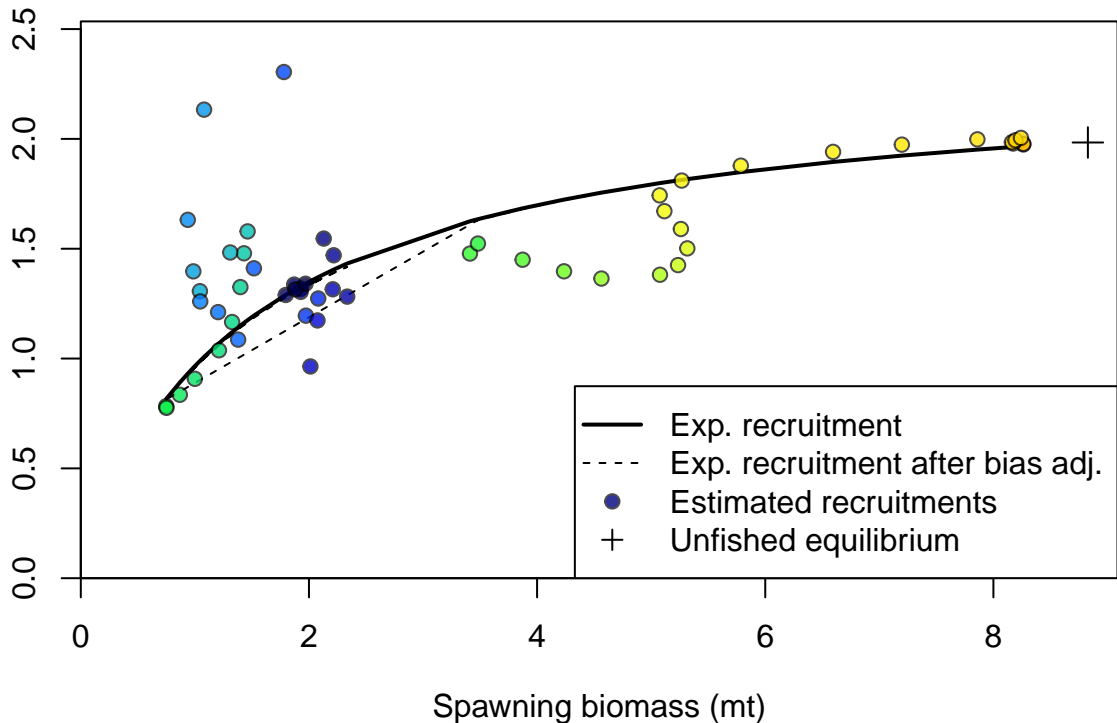
Recruitment deviation variance

Asymptotic standard error estimate

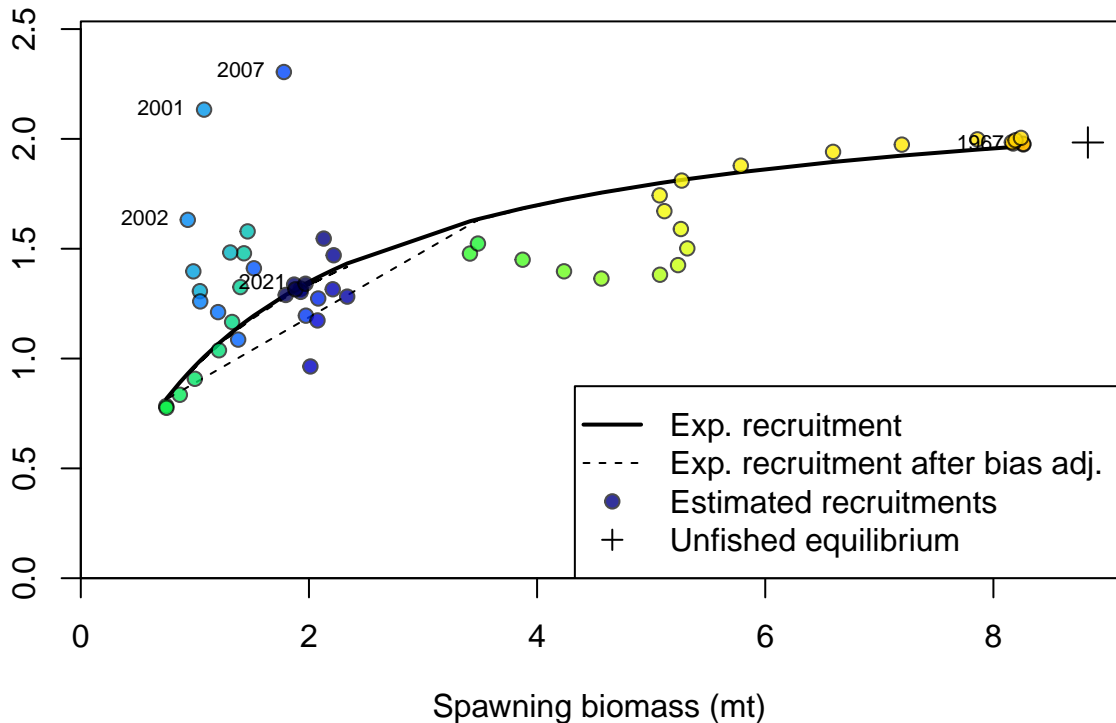




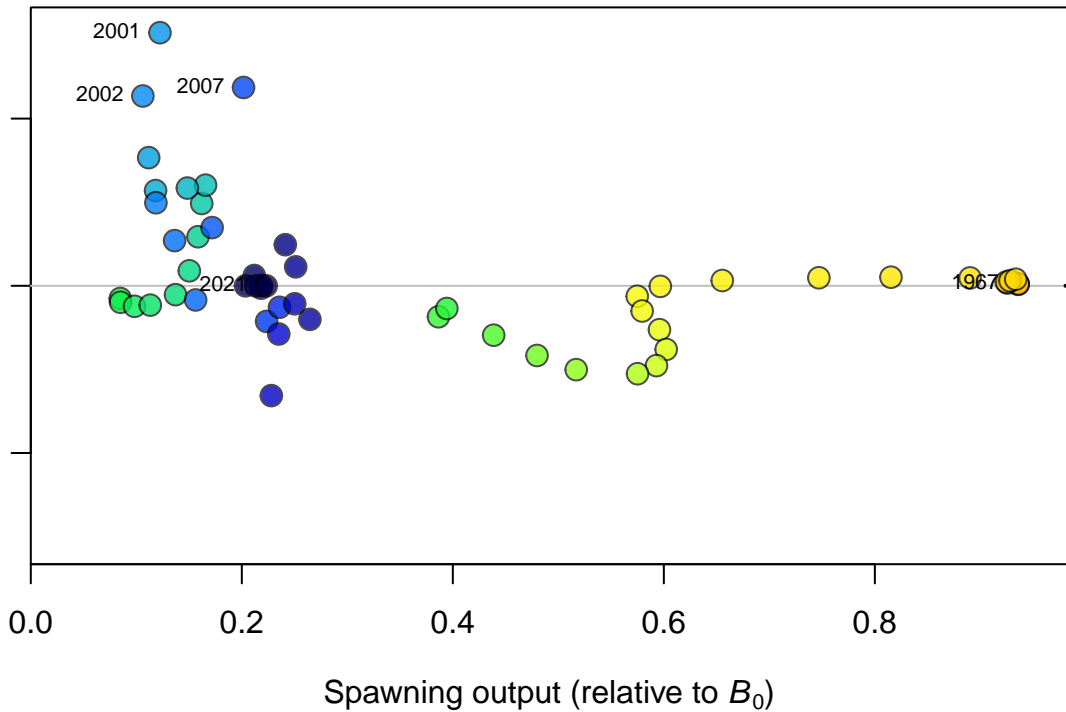
Recruitment (1,000s)

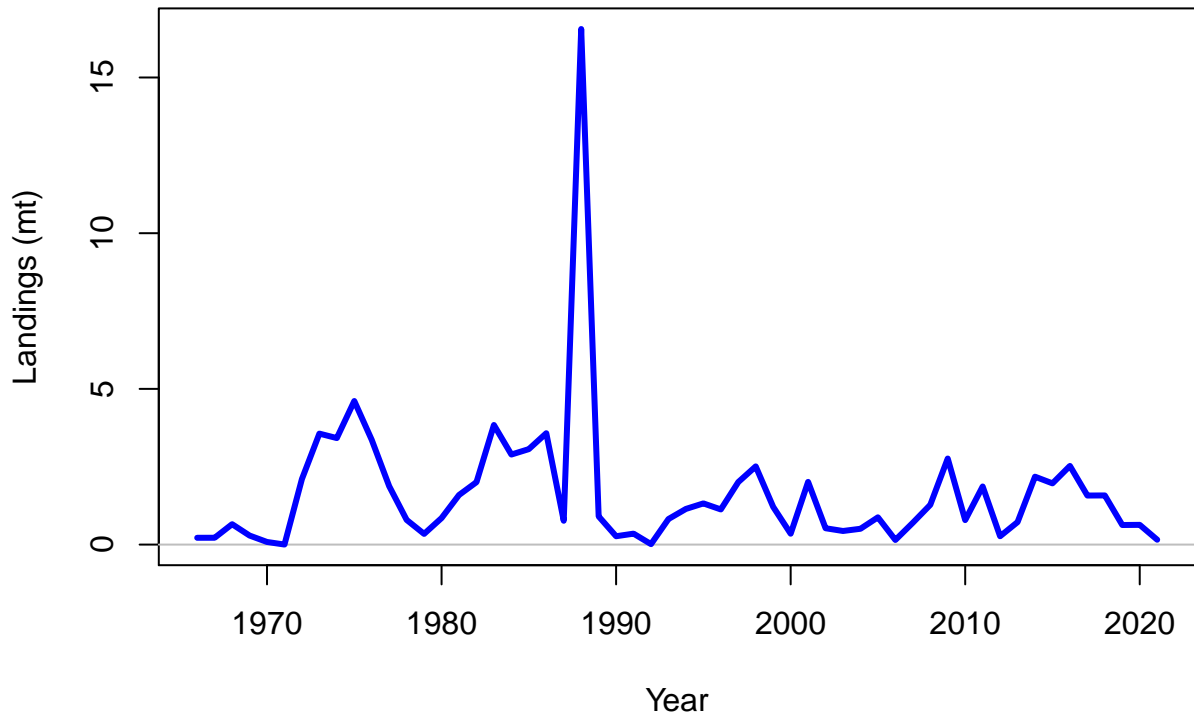


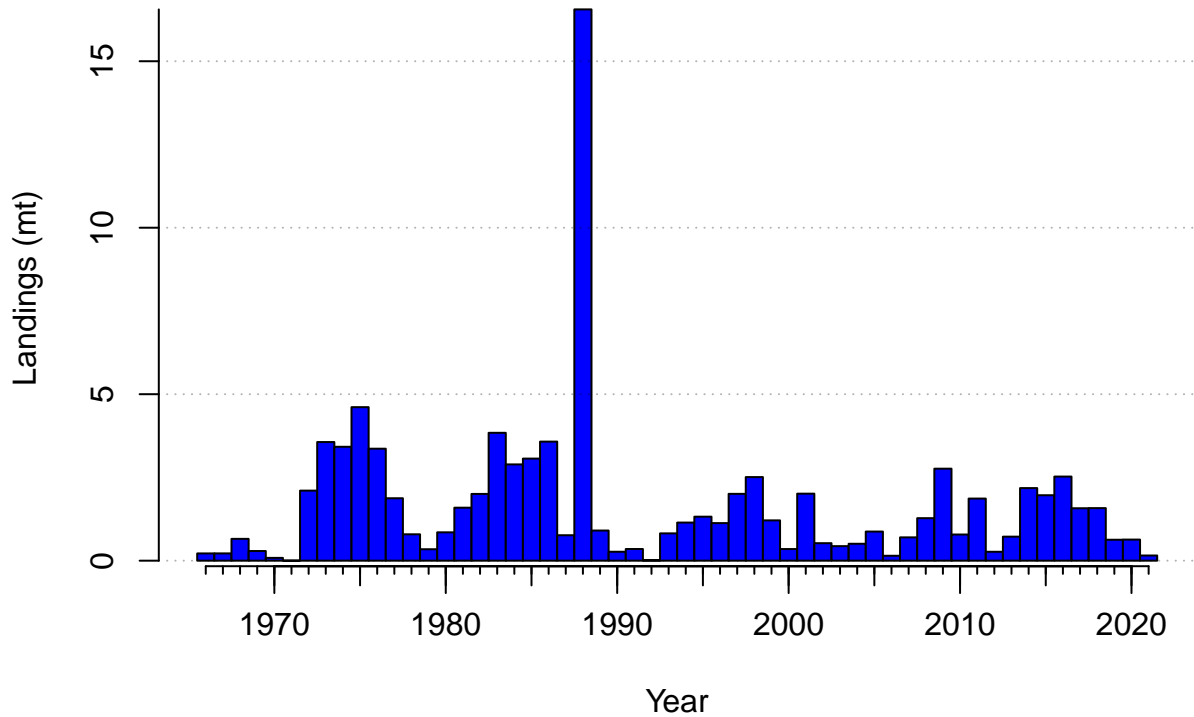
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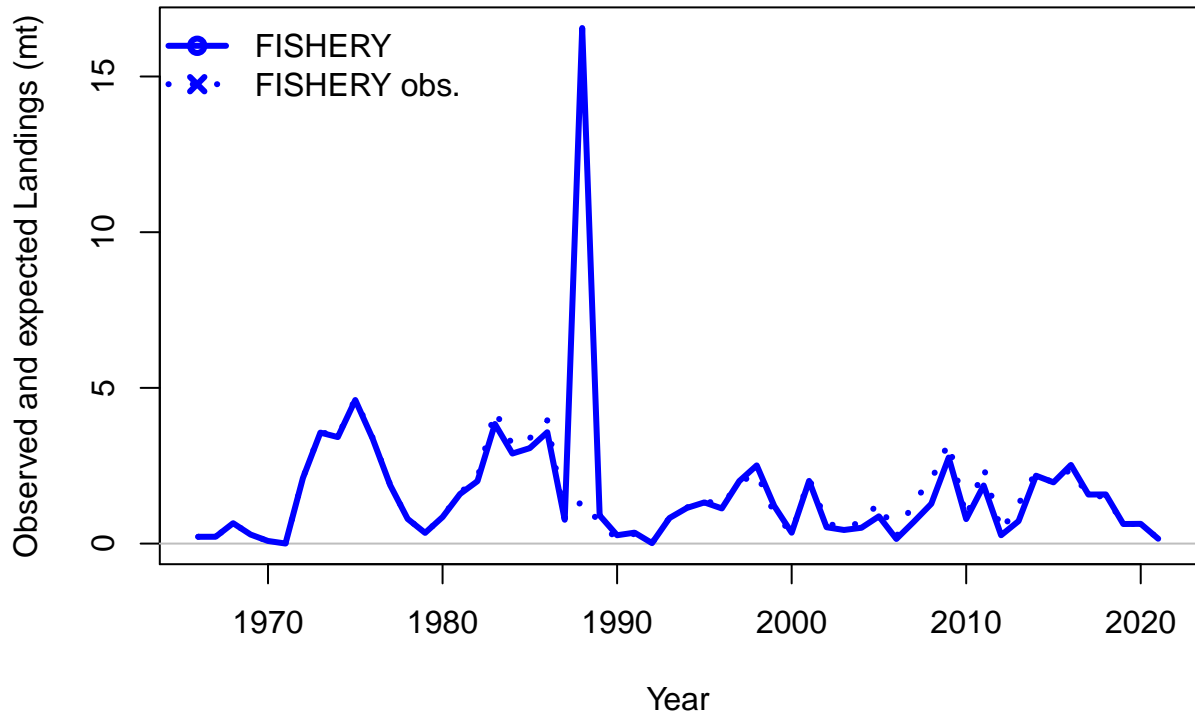


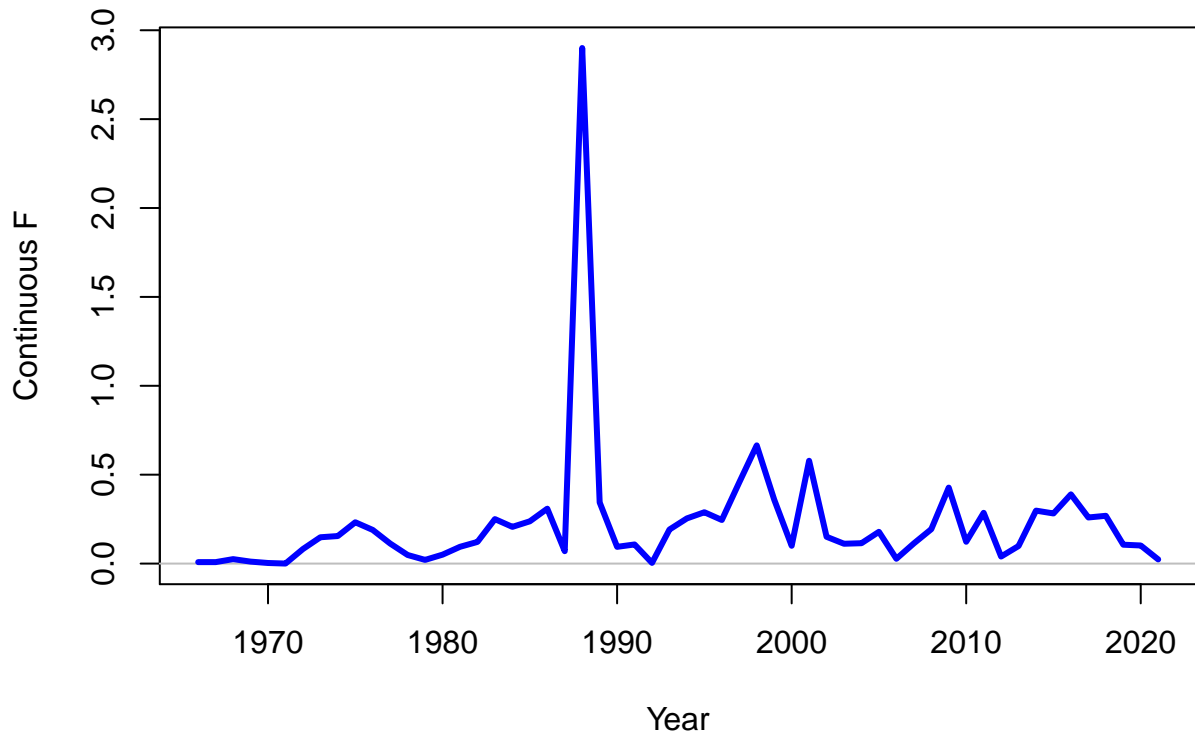
Log recruitment deviation



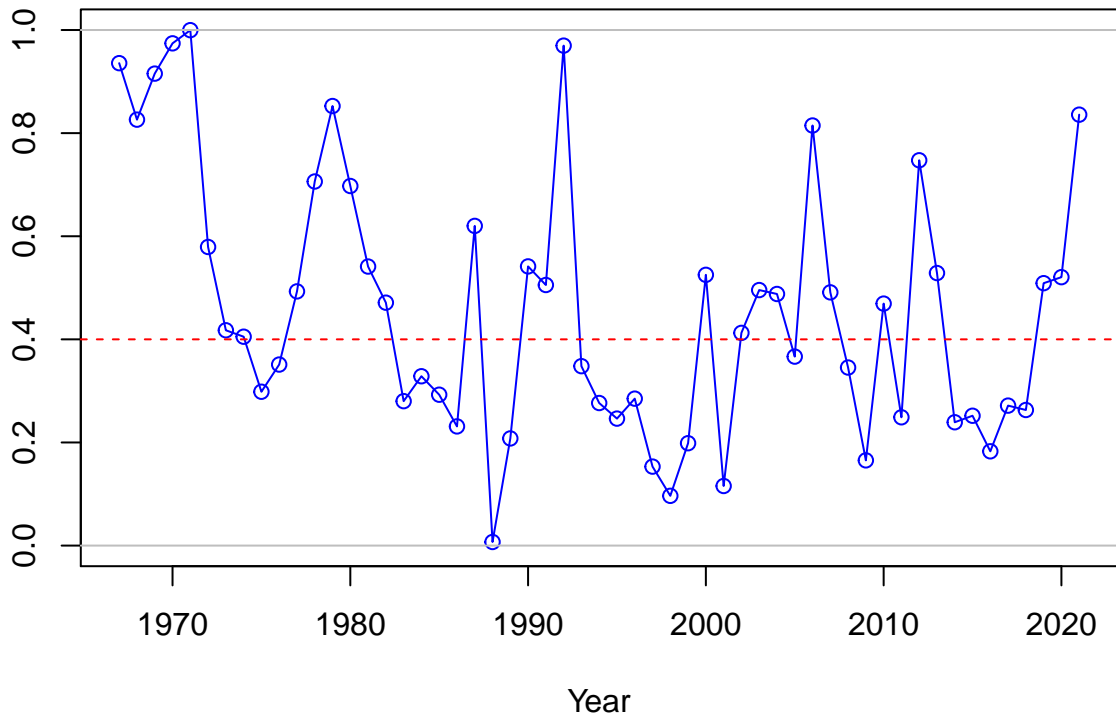


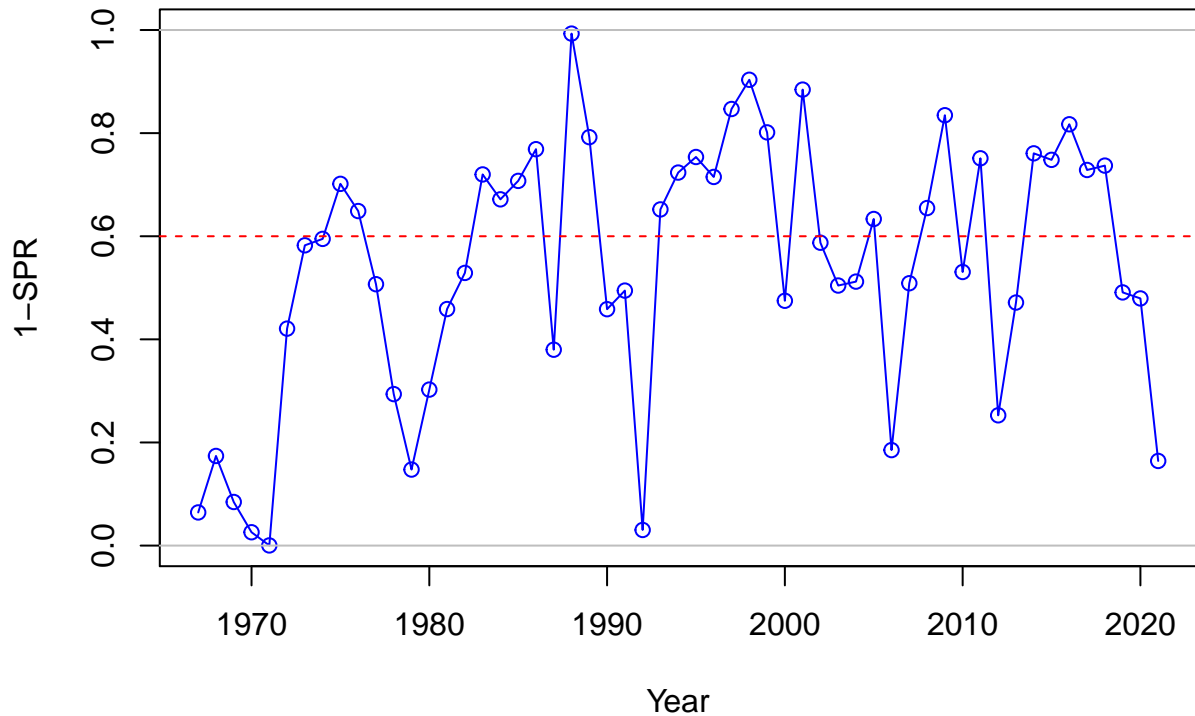




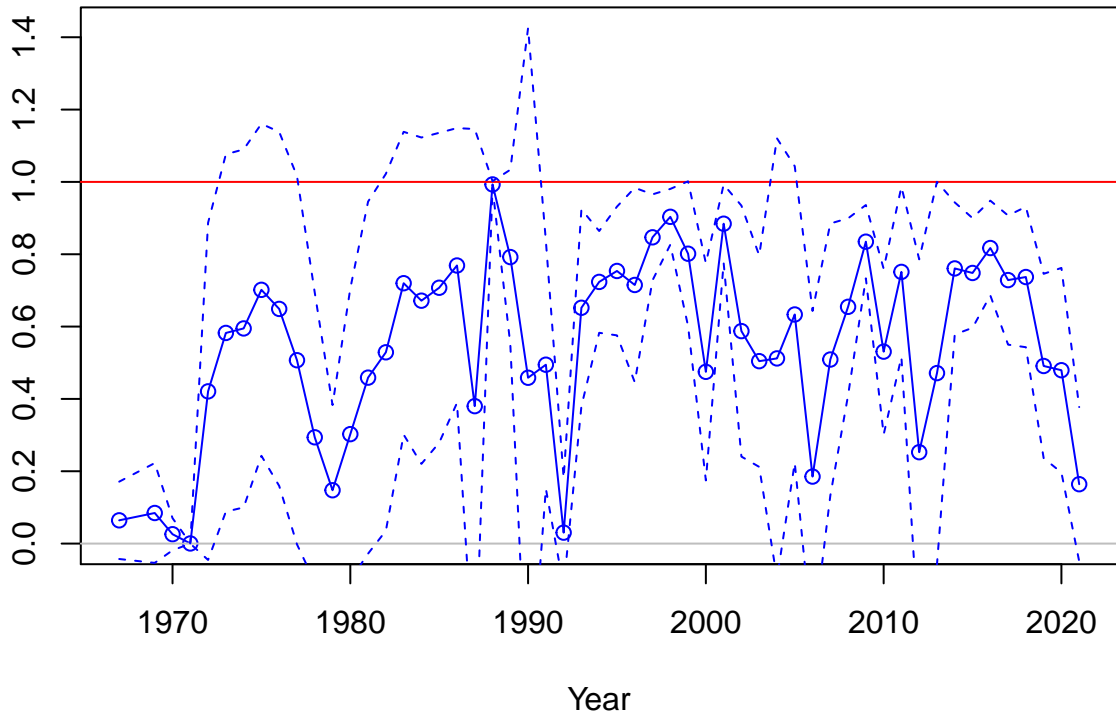


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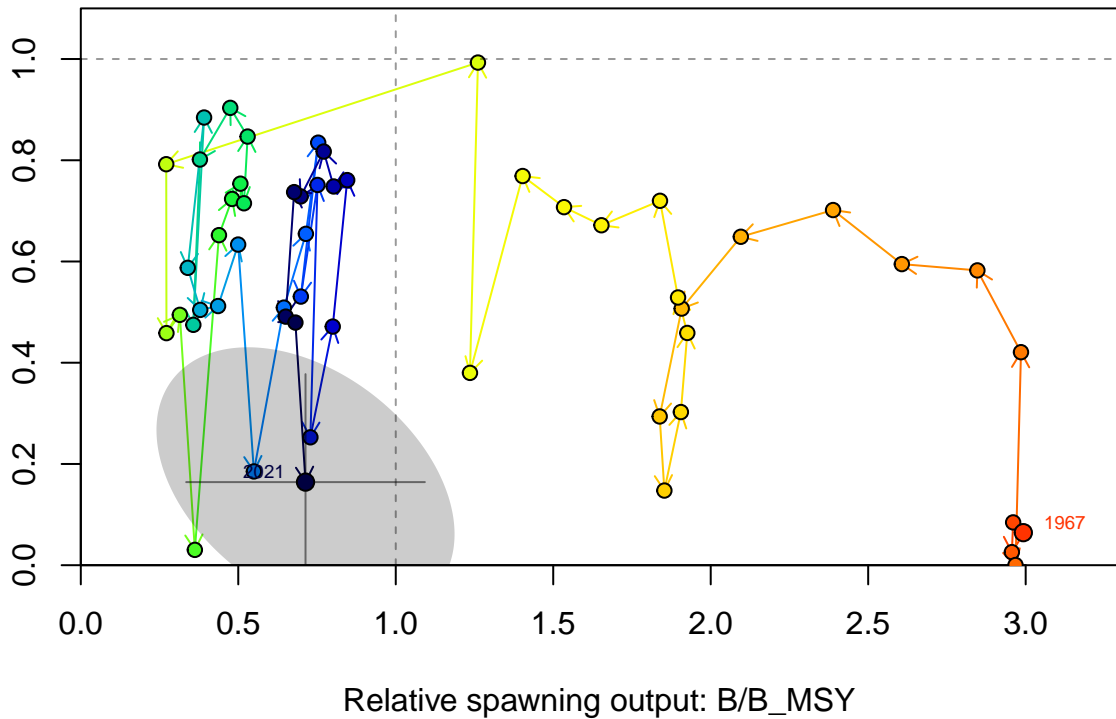




Fishing intensity: 1-SPR



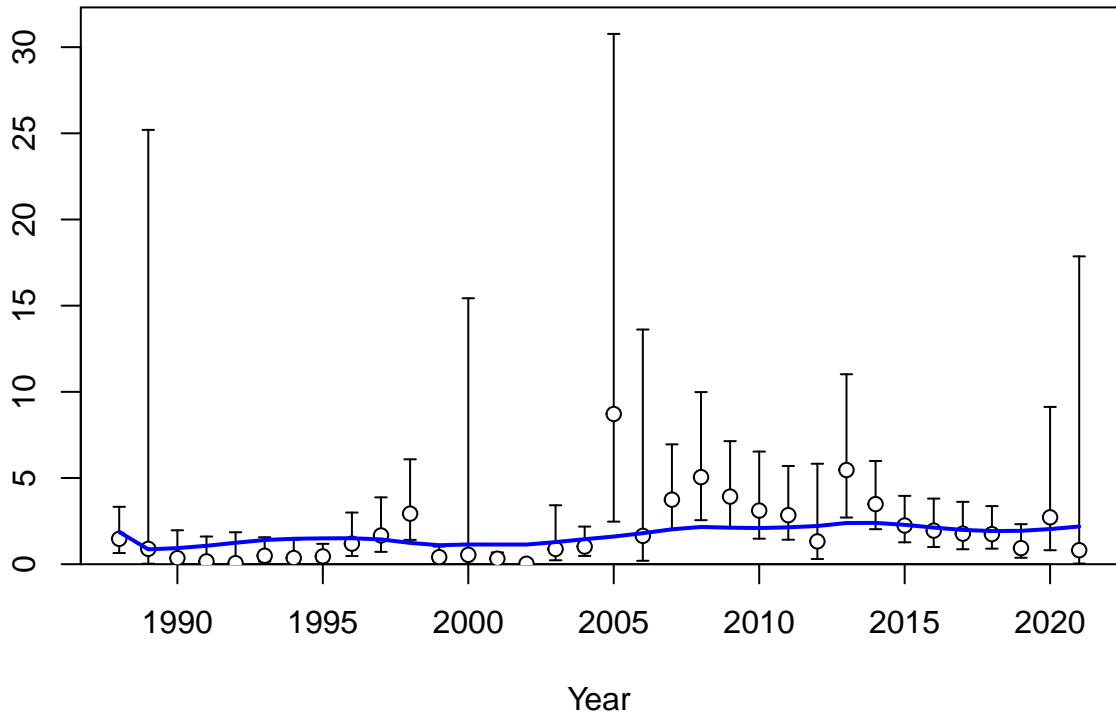
Fishing intensity: 1-SPR

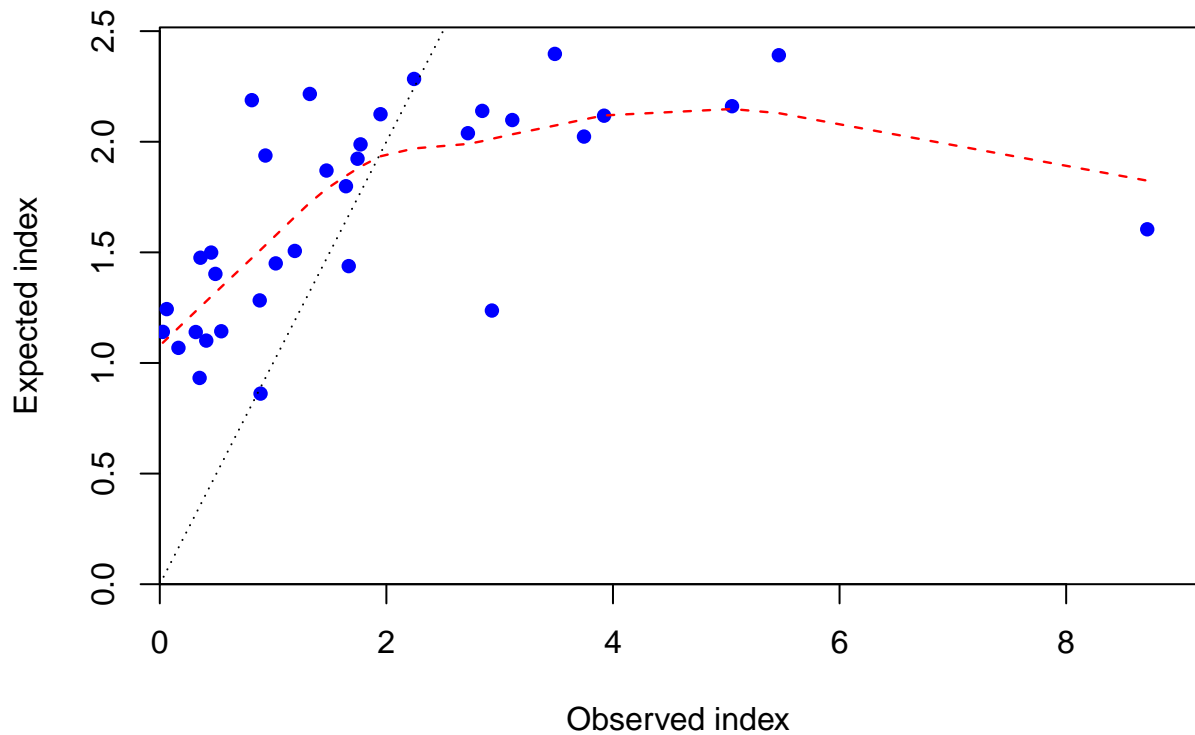


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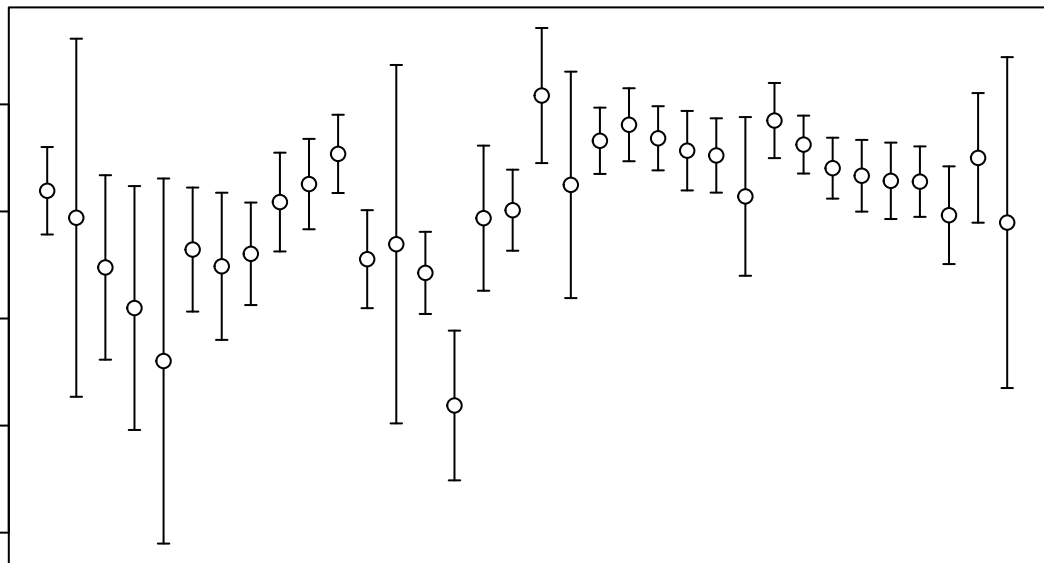
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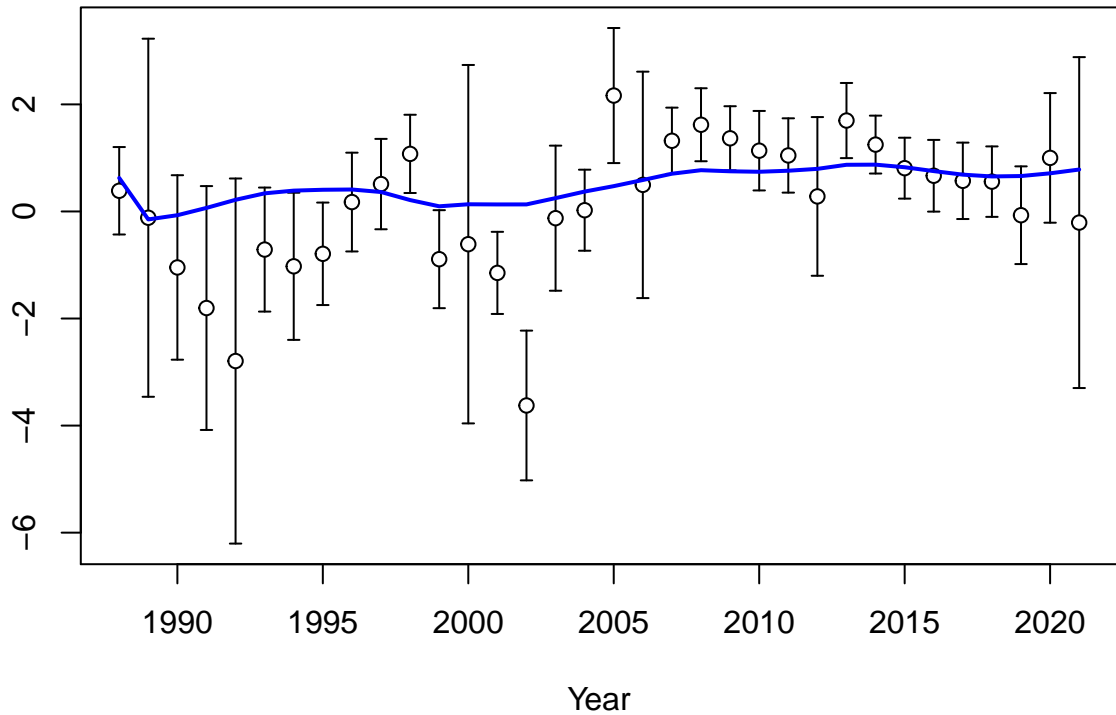
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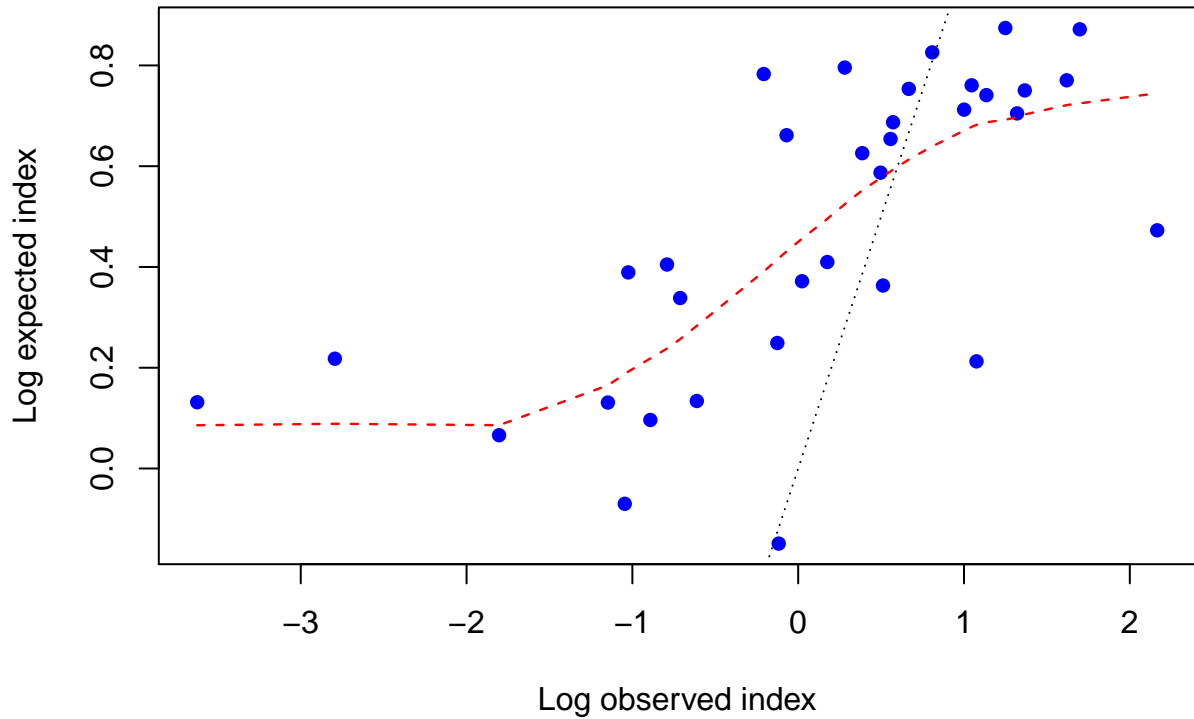
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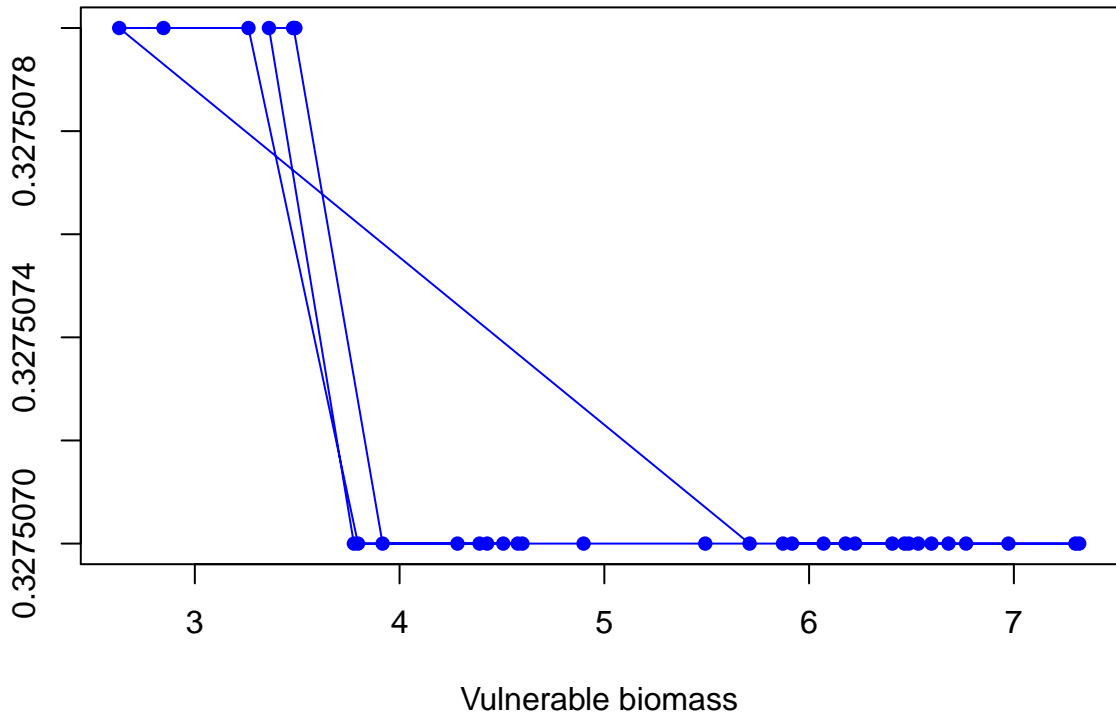


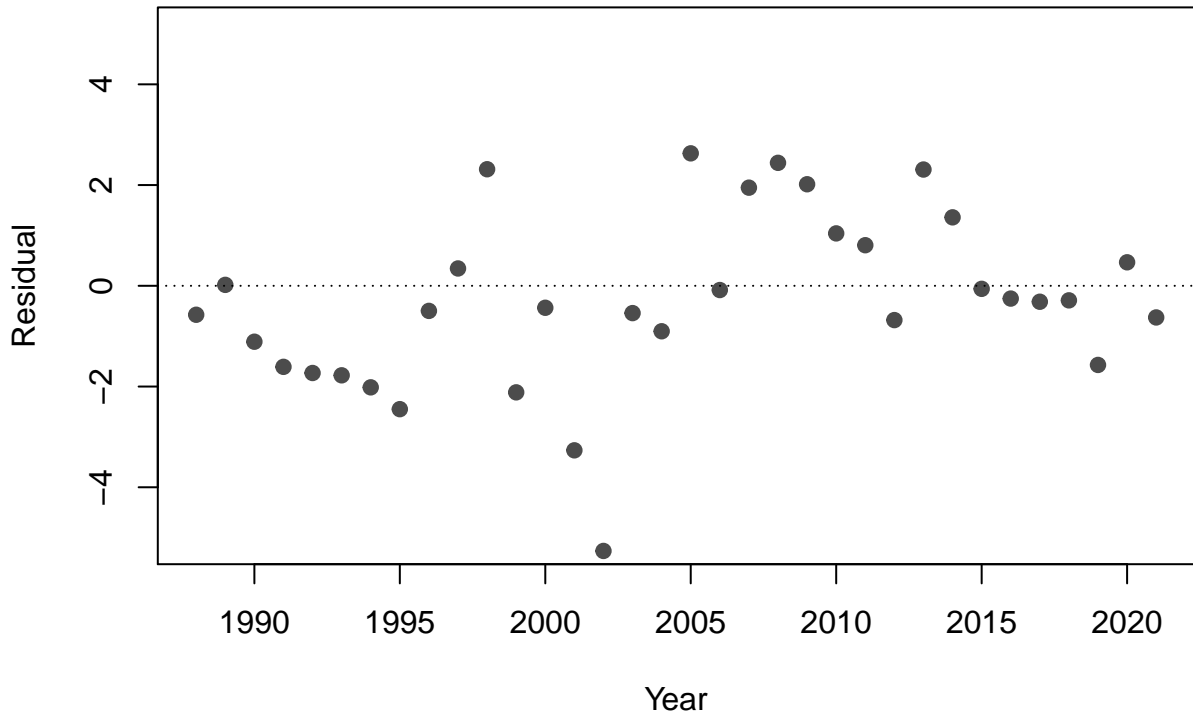
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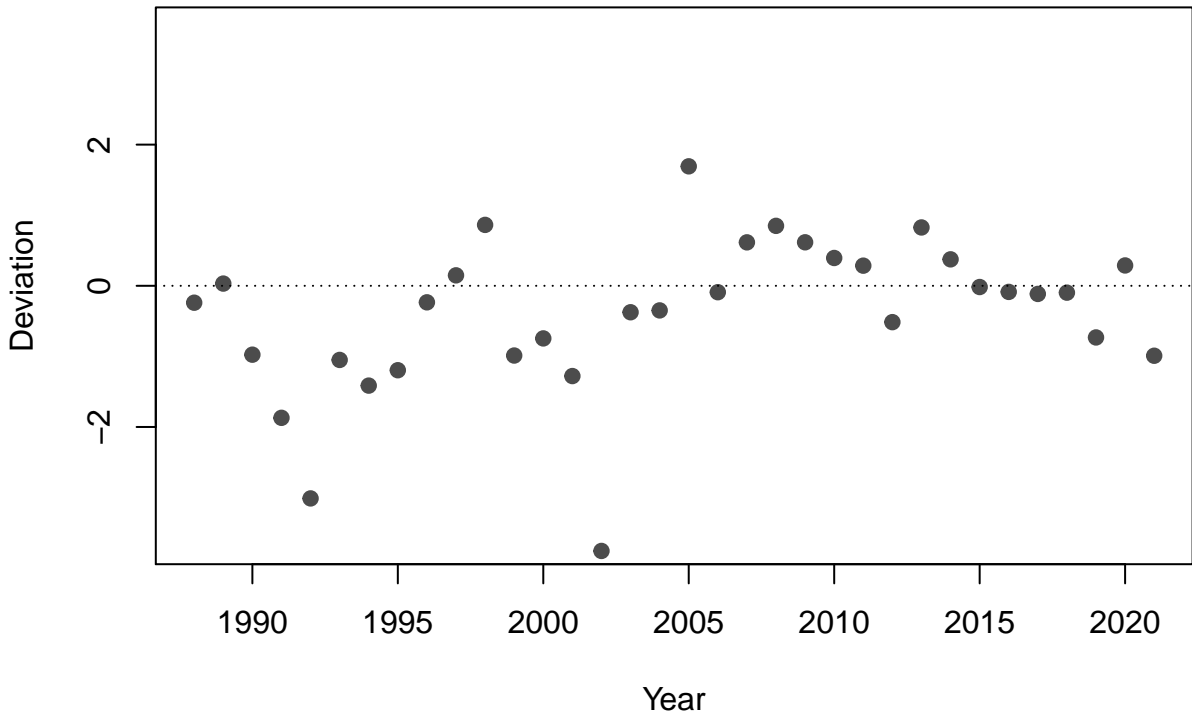


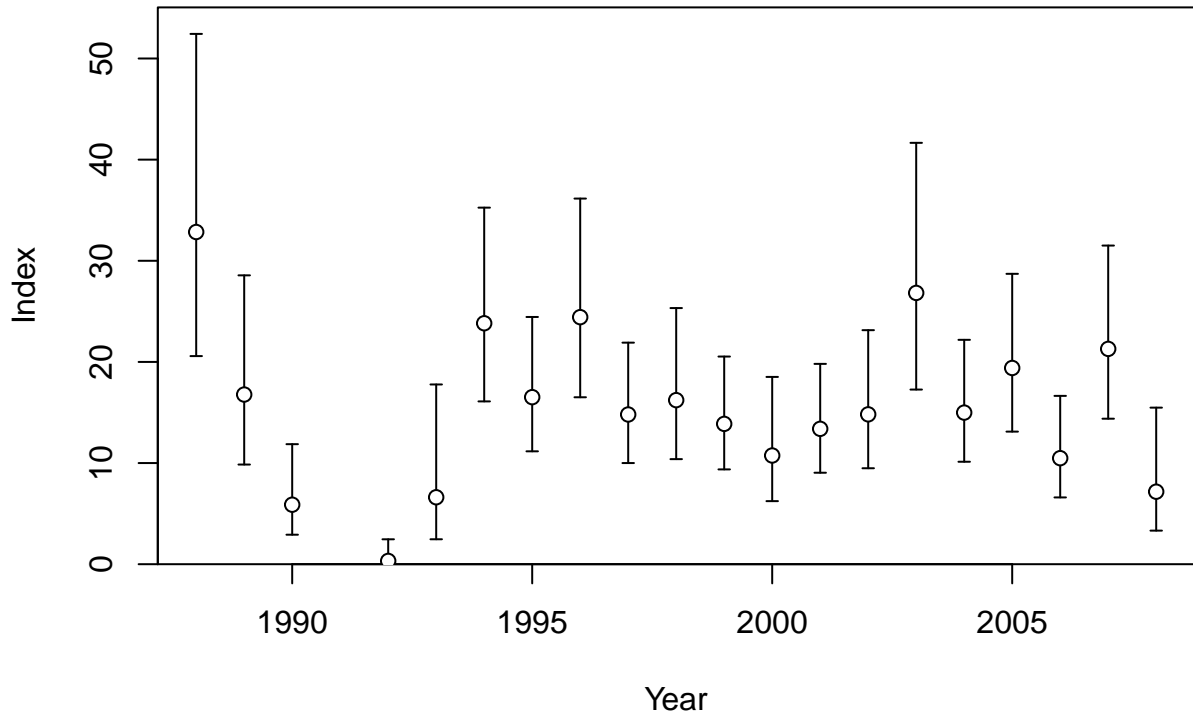


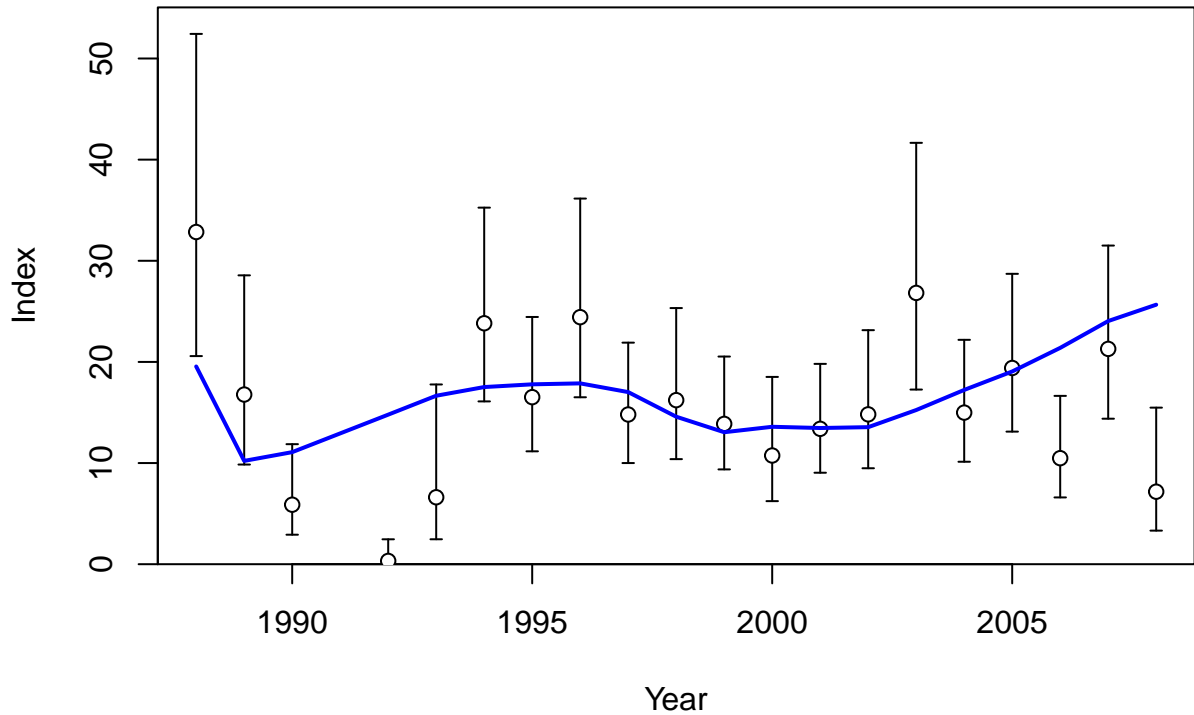
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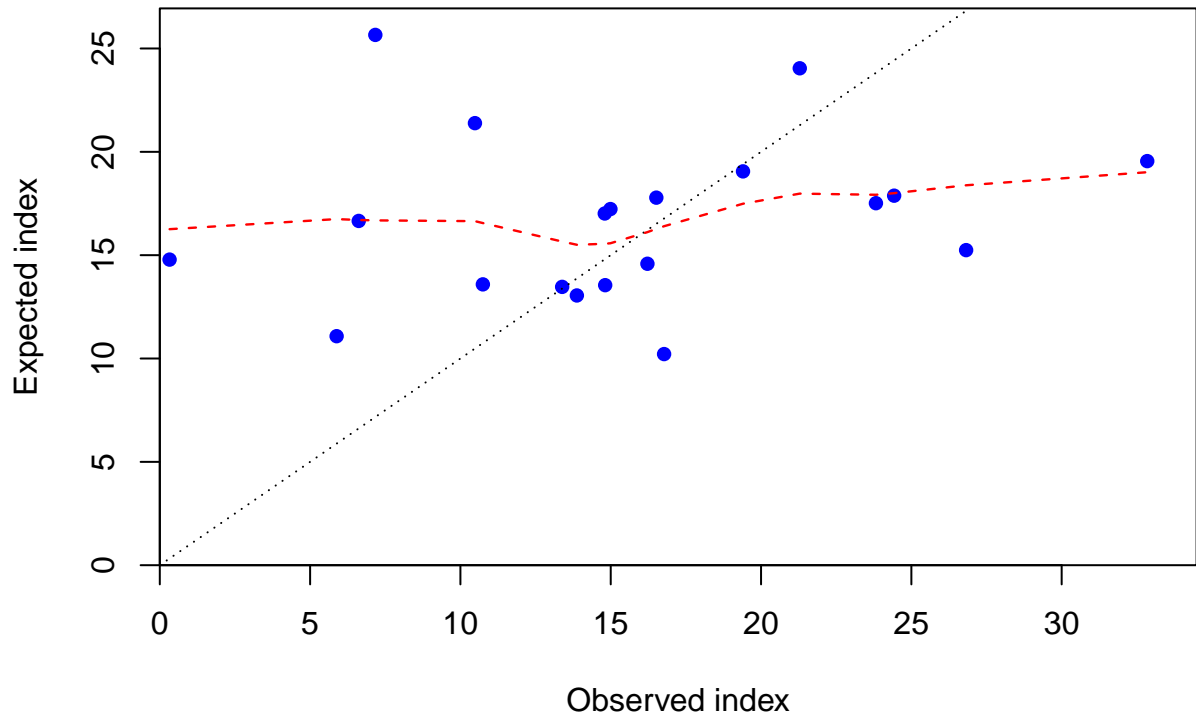




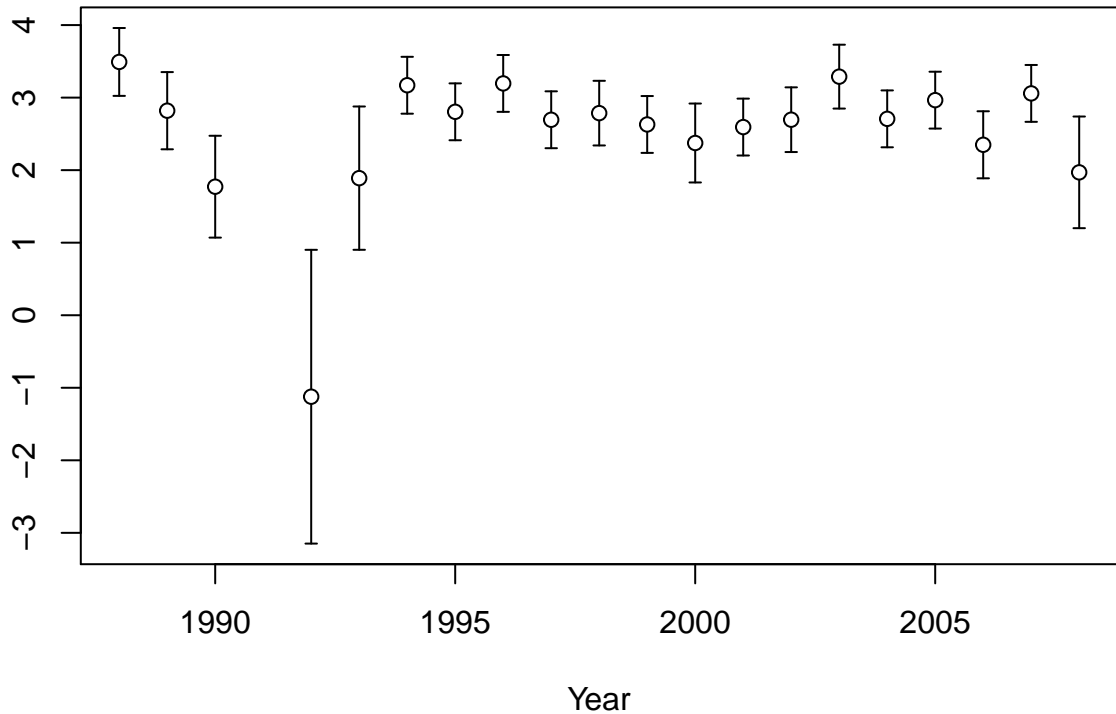




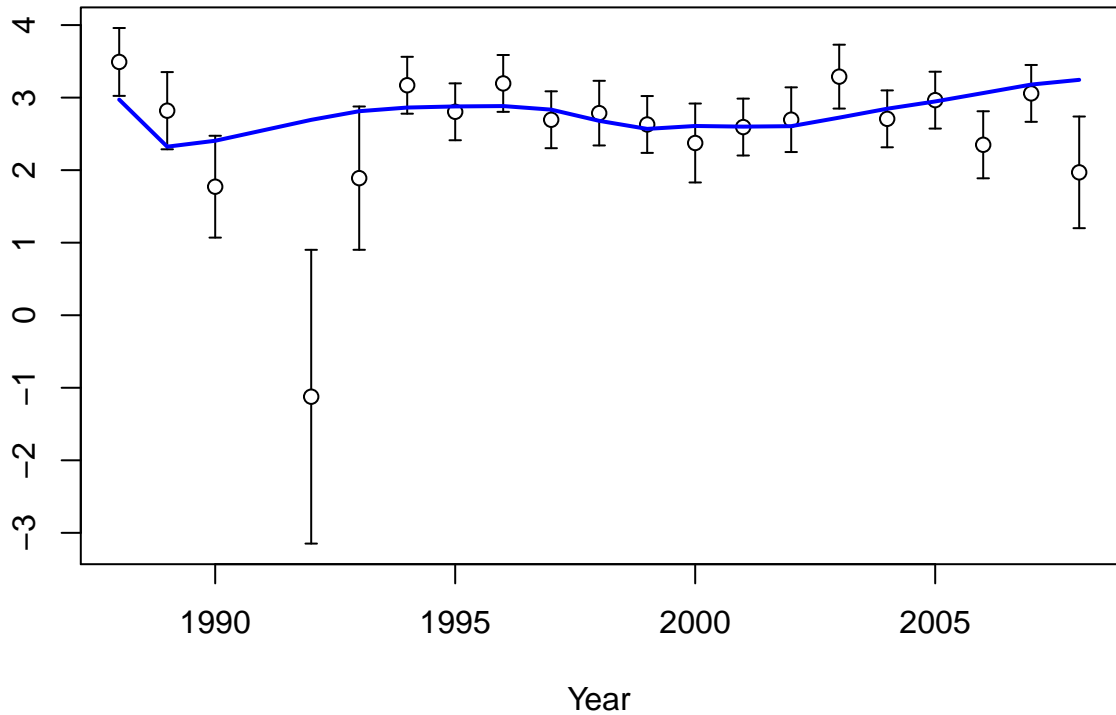


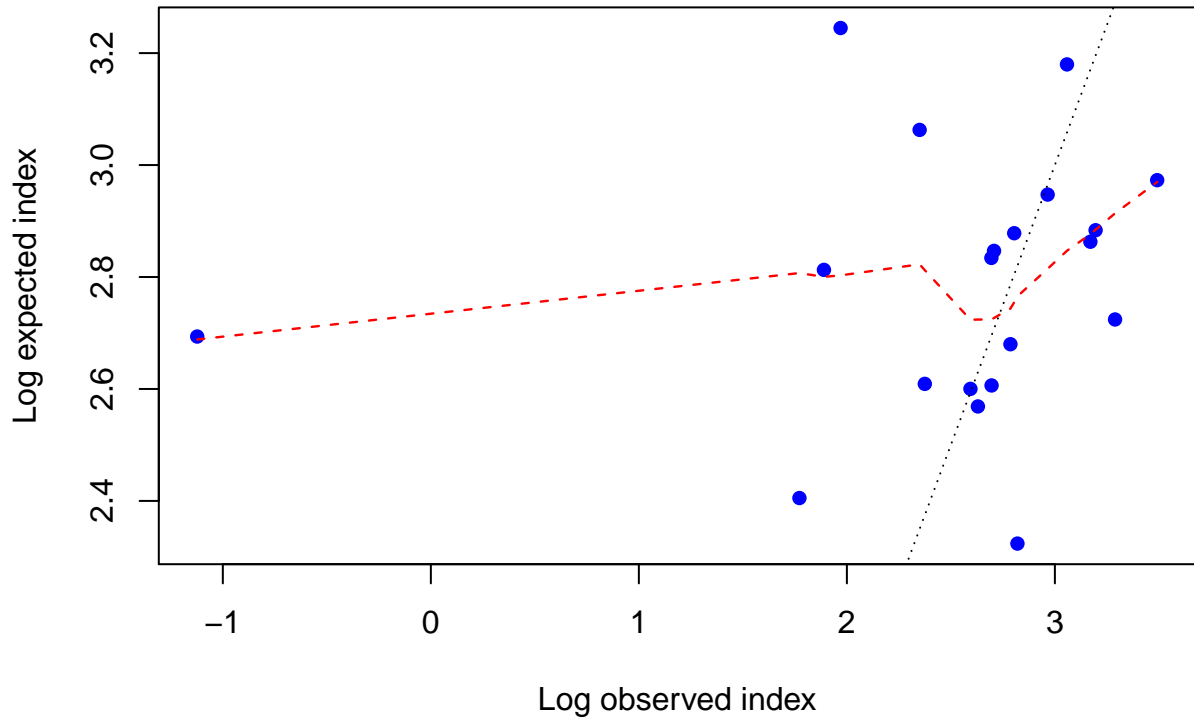


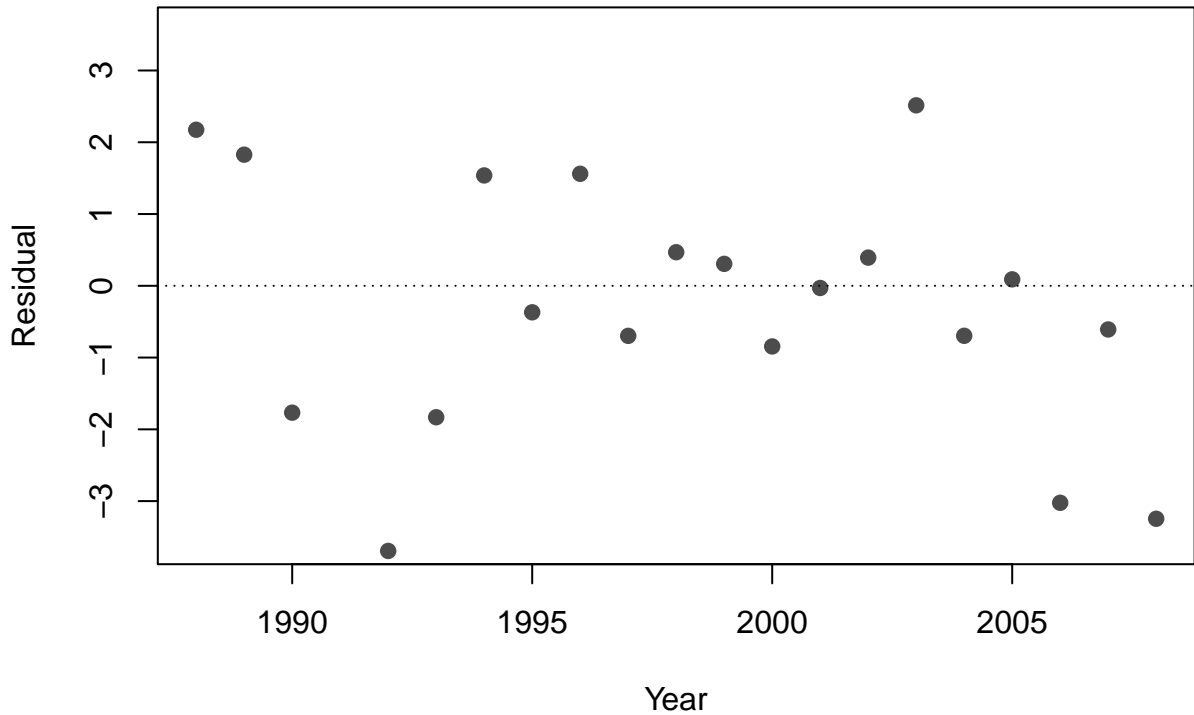
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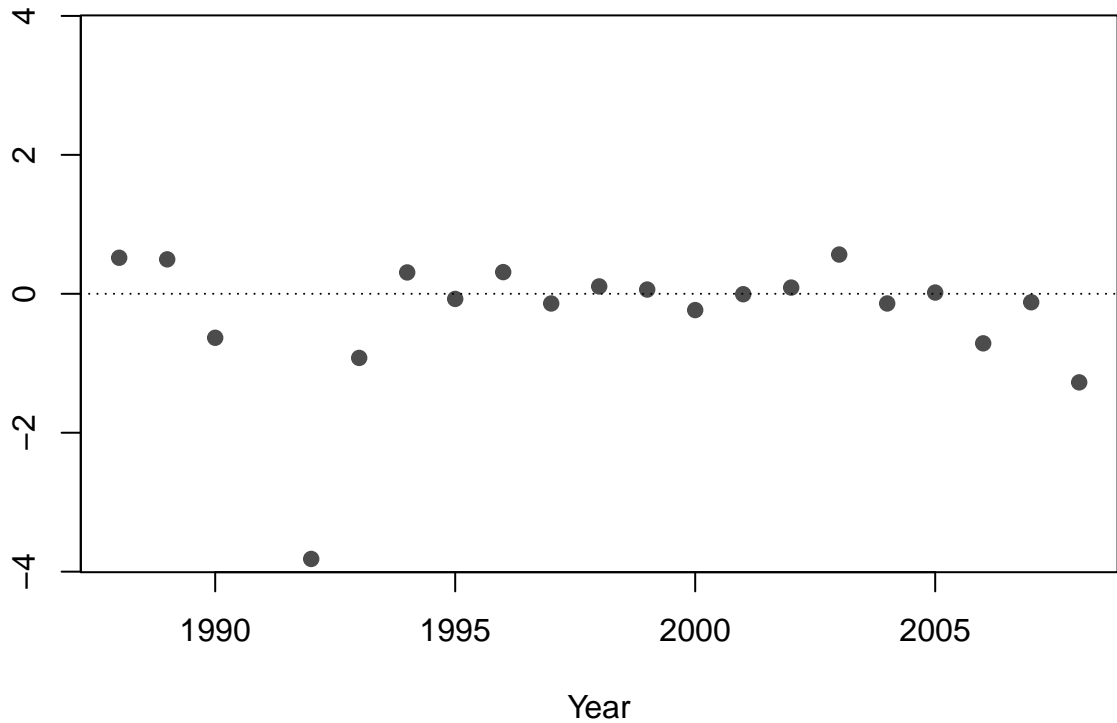
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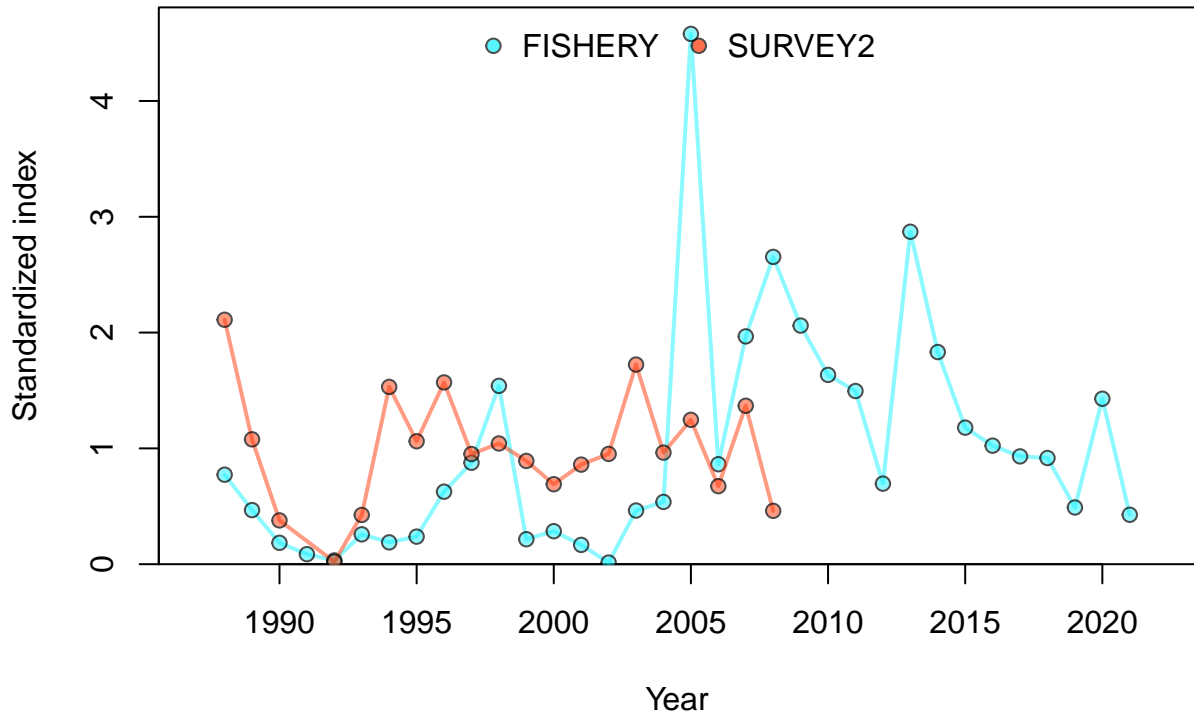


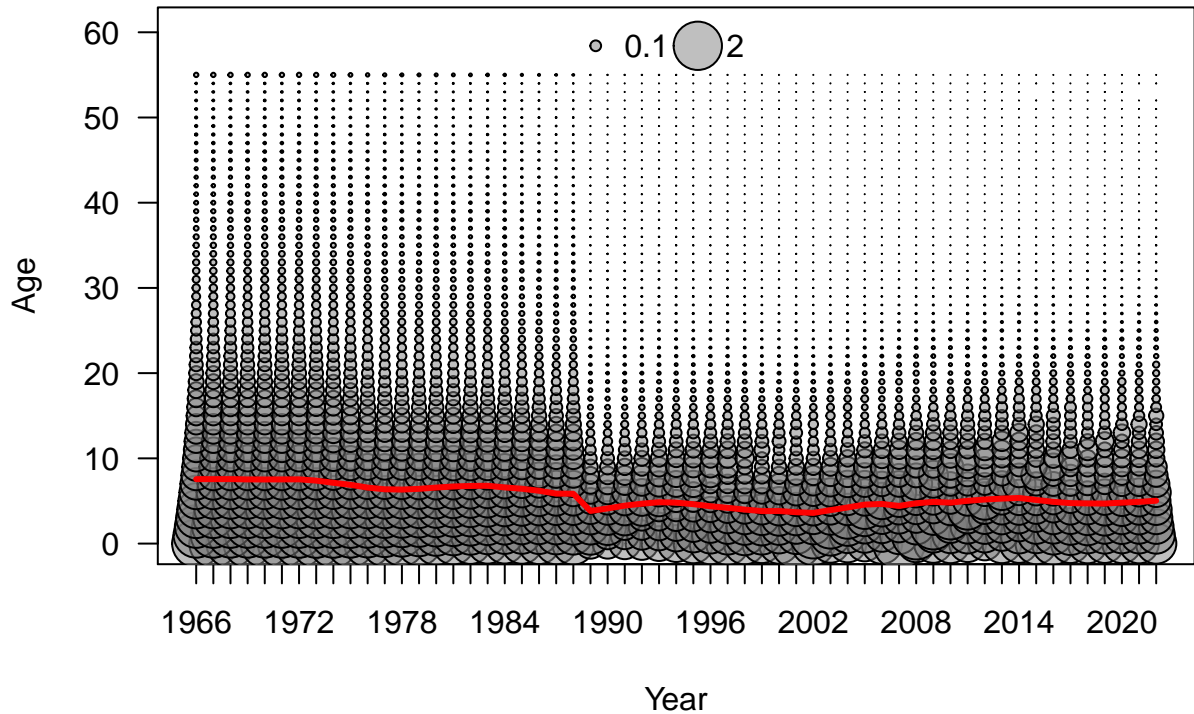


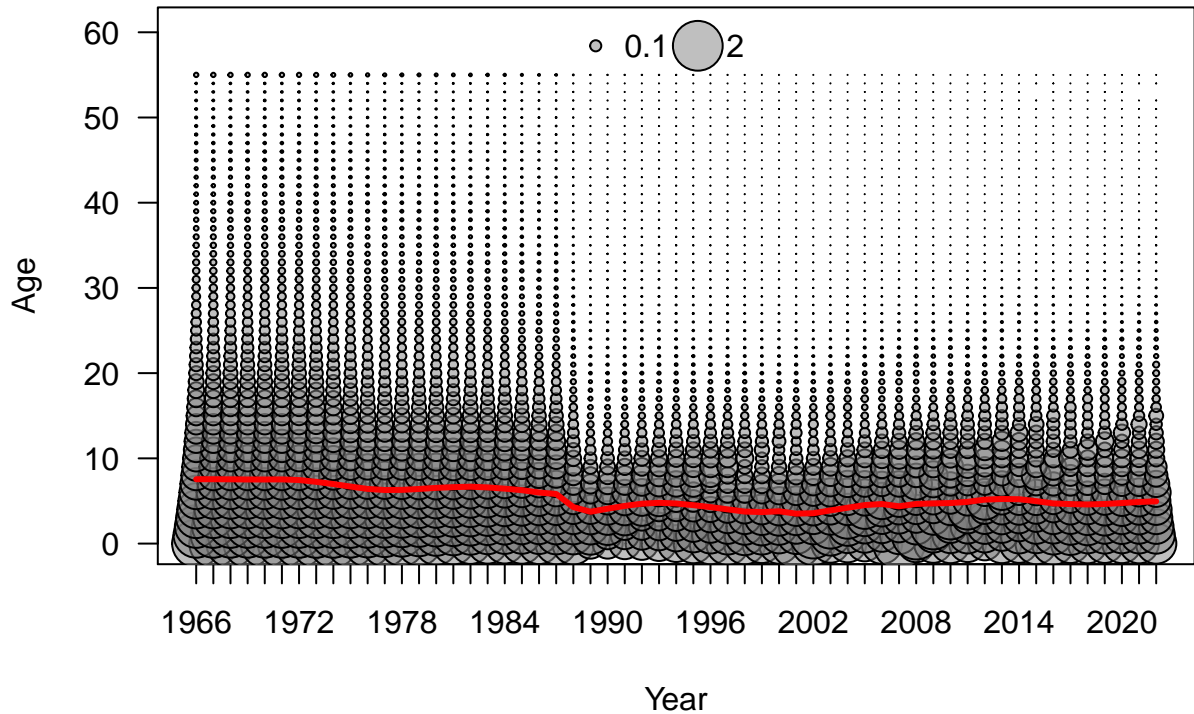


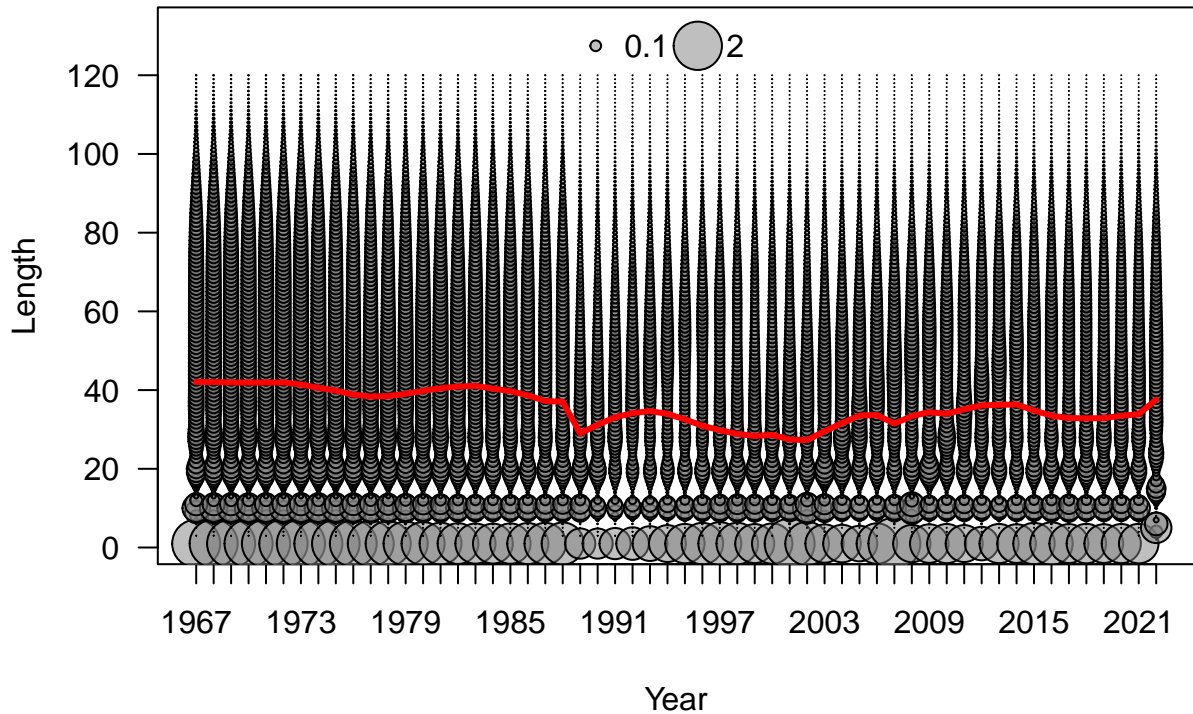
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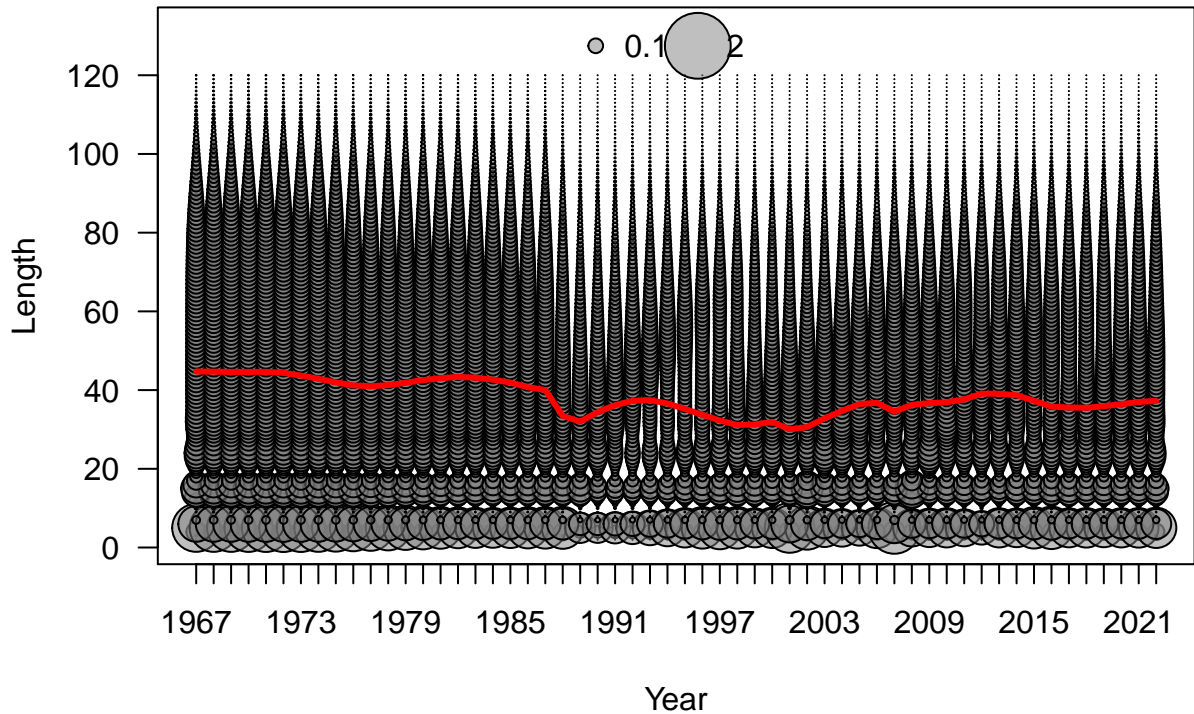


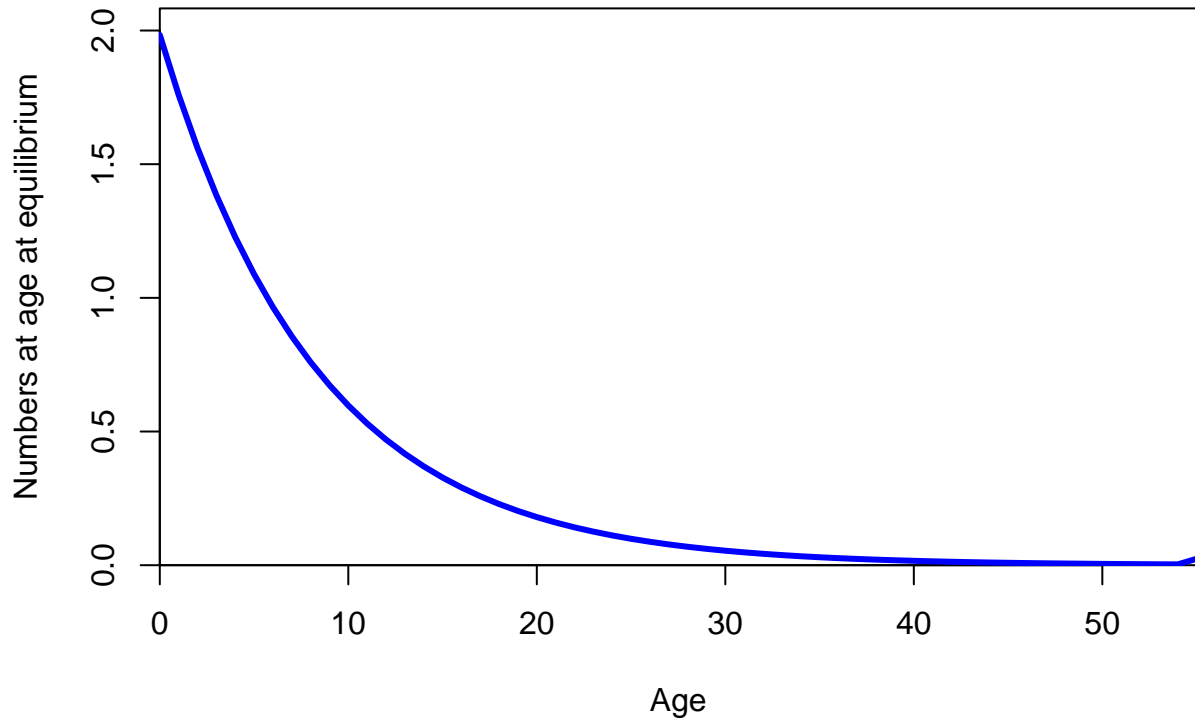






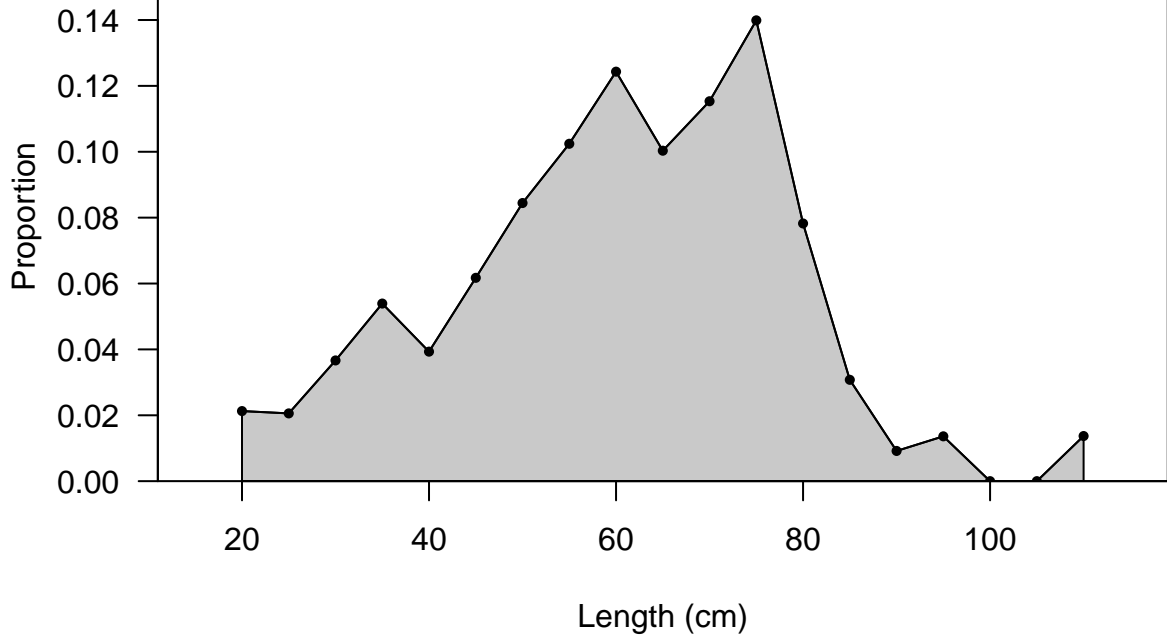






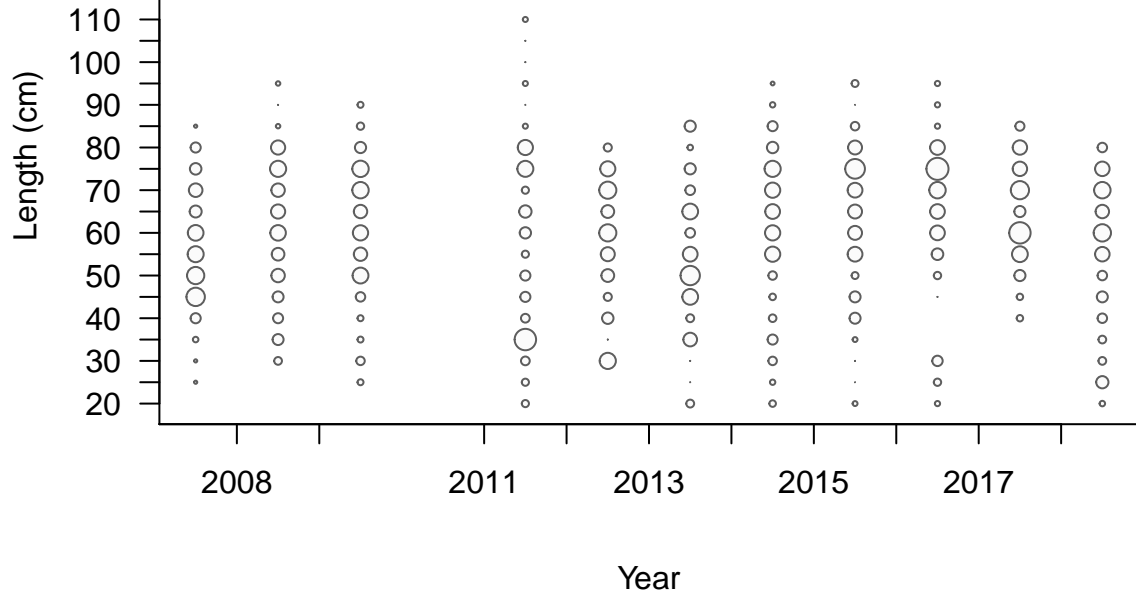
FISHERY

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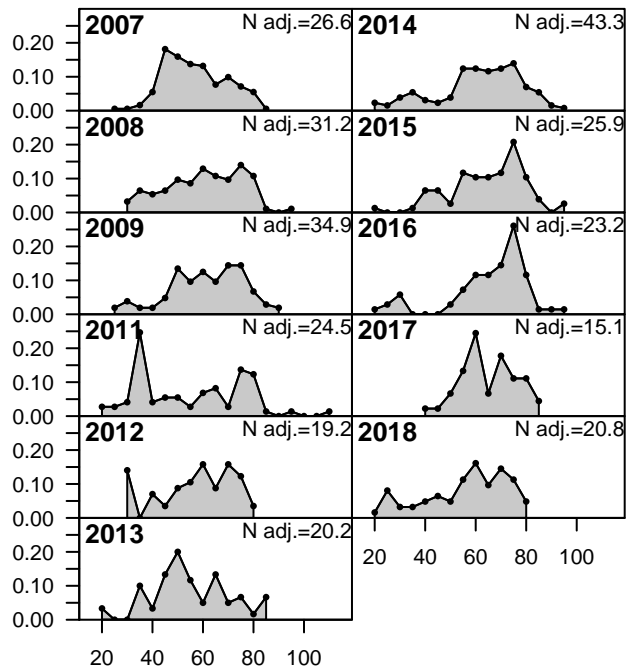


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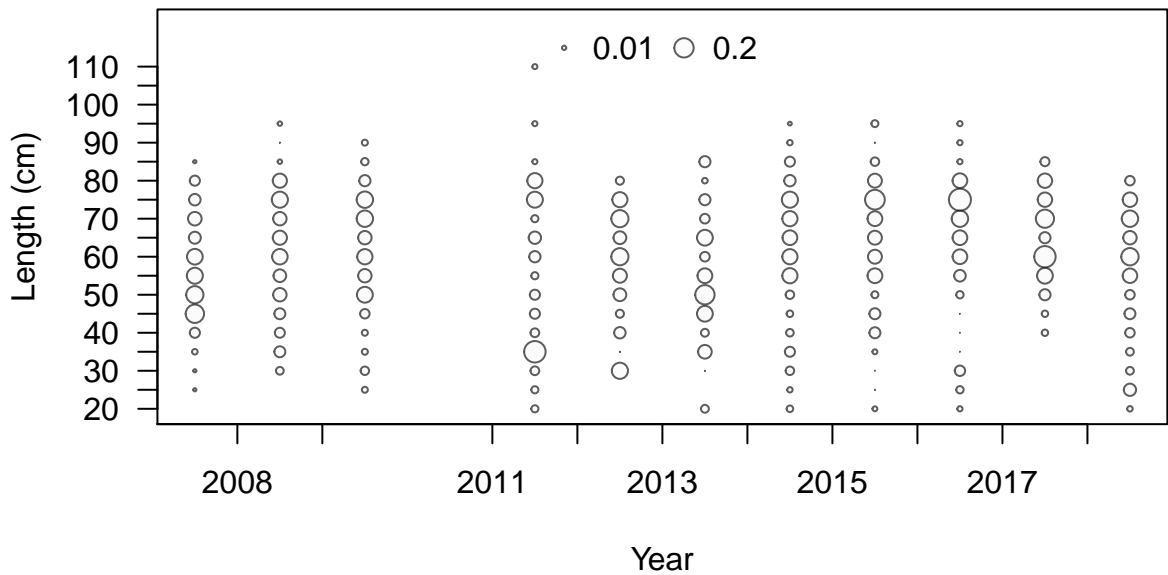
◦ 0.01 ○ 0.2



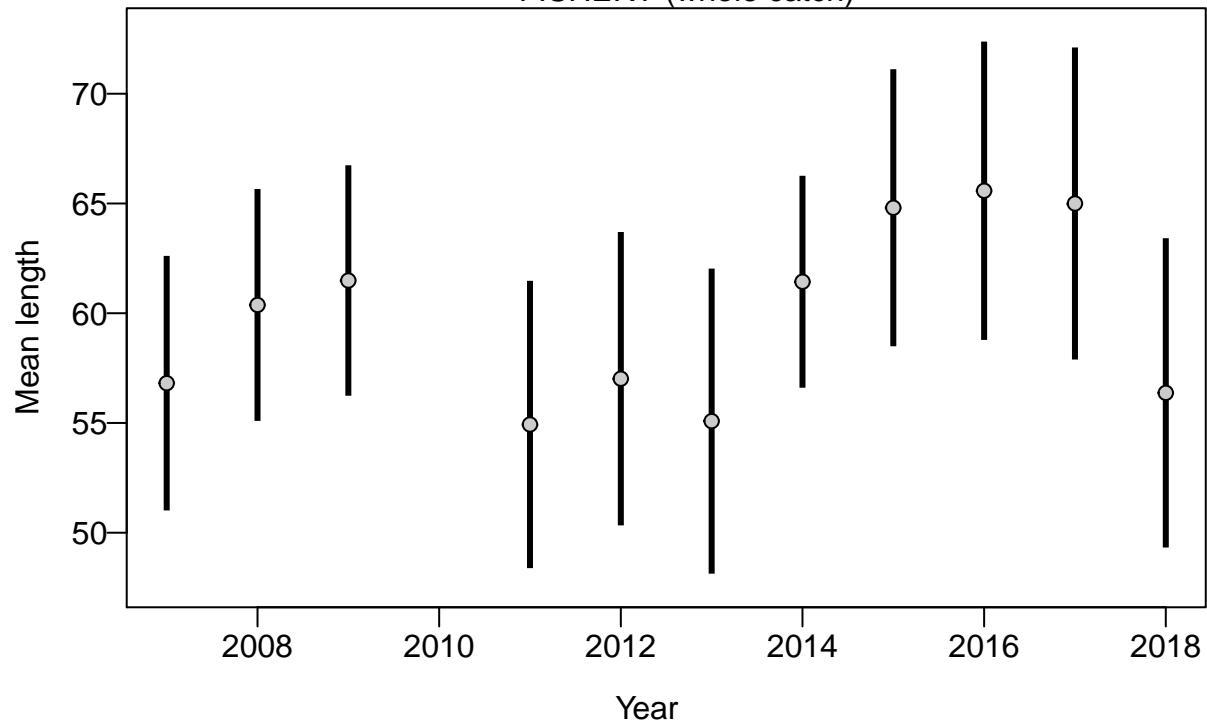
Proportion



Length (cm)

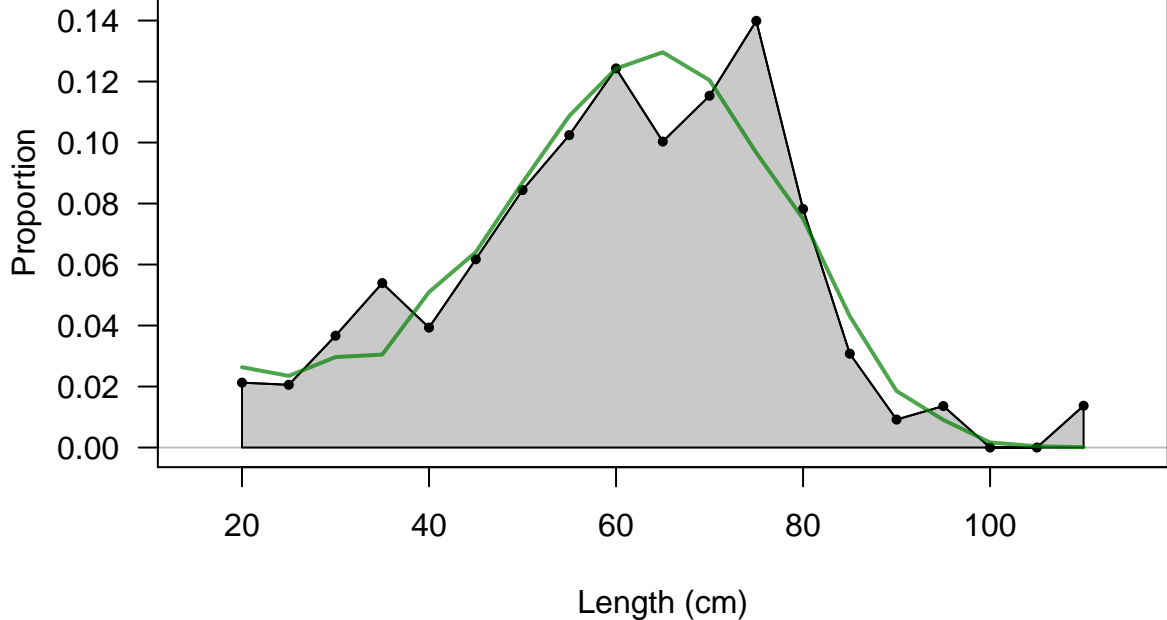


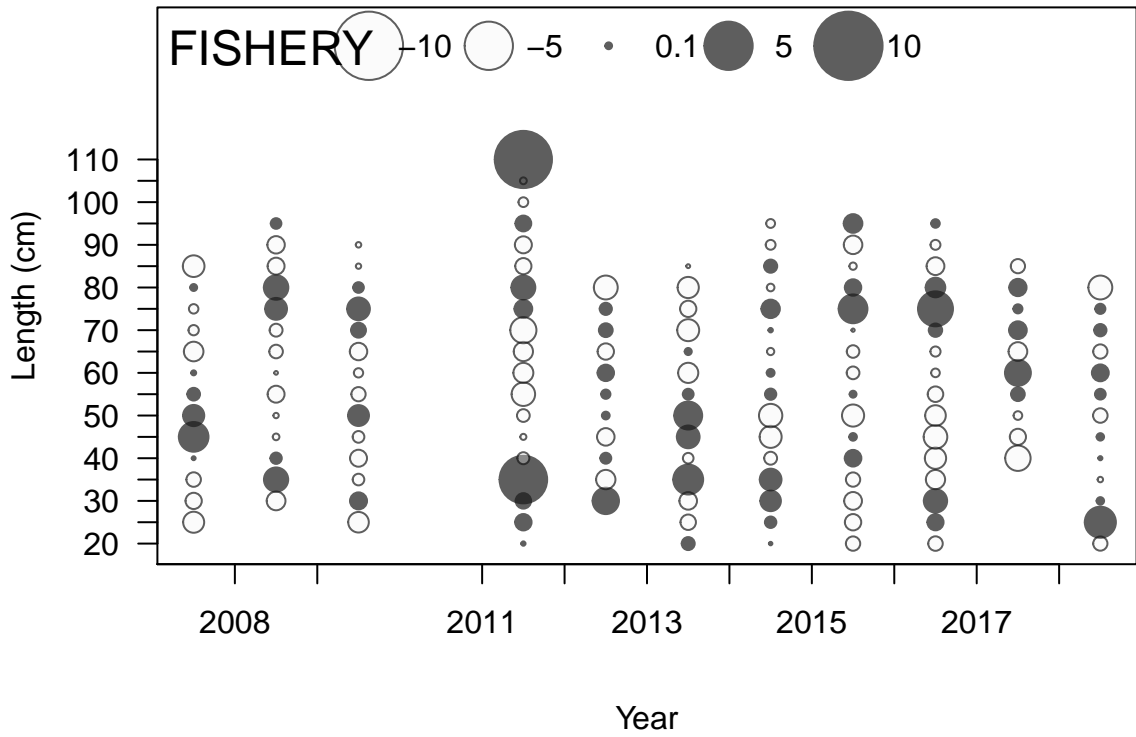
FISHERY (whole catch)



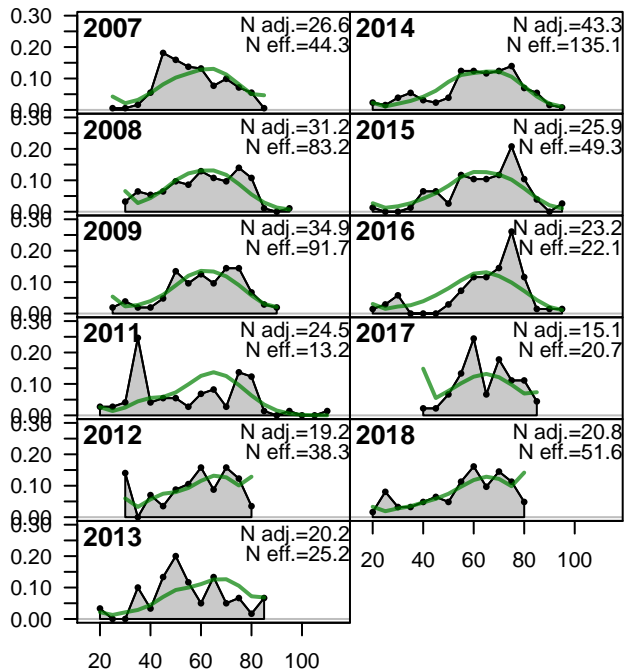
FISHERY

Sum of N adj.=285
Sum of N eff.=574.7

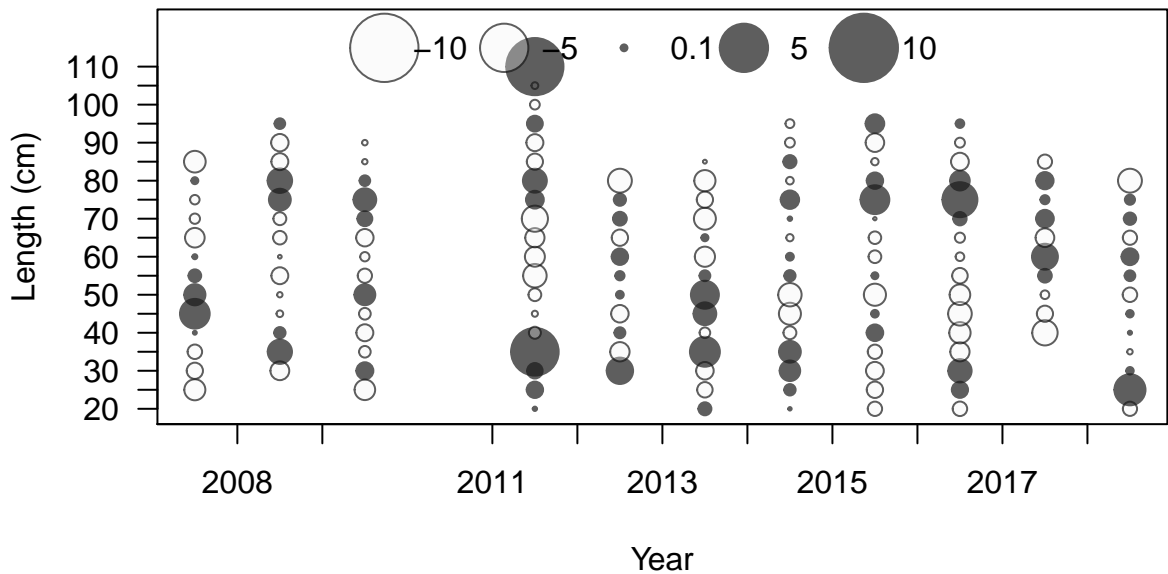




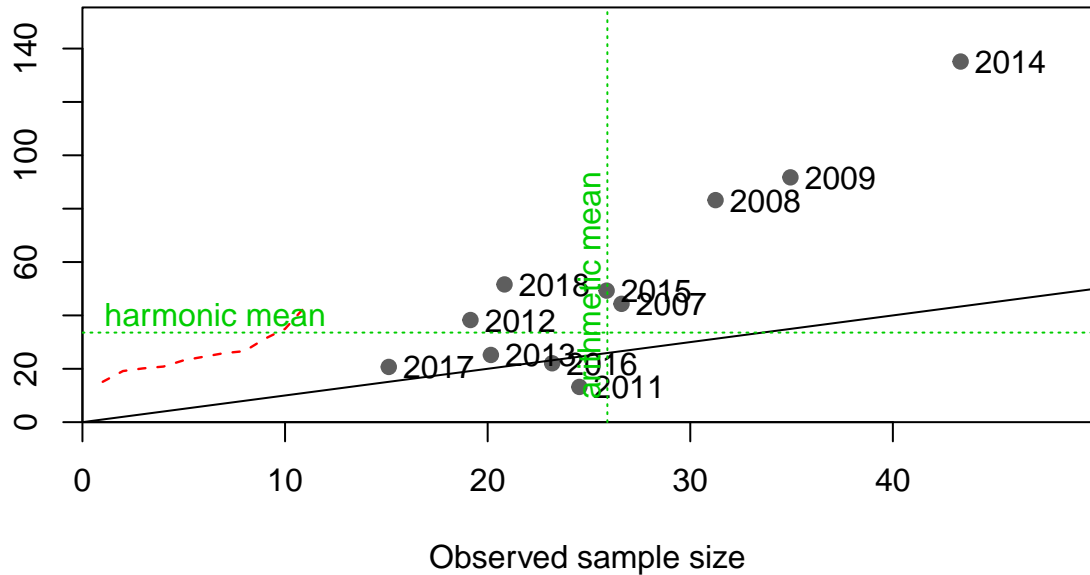
Proportion



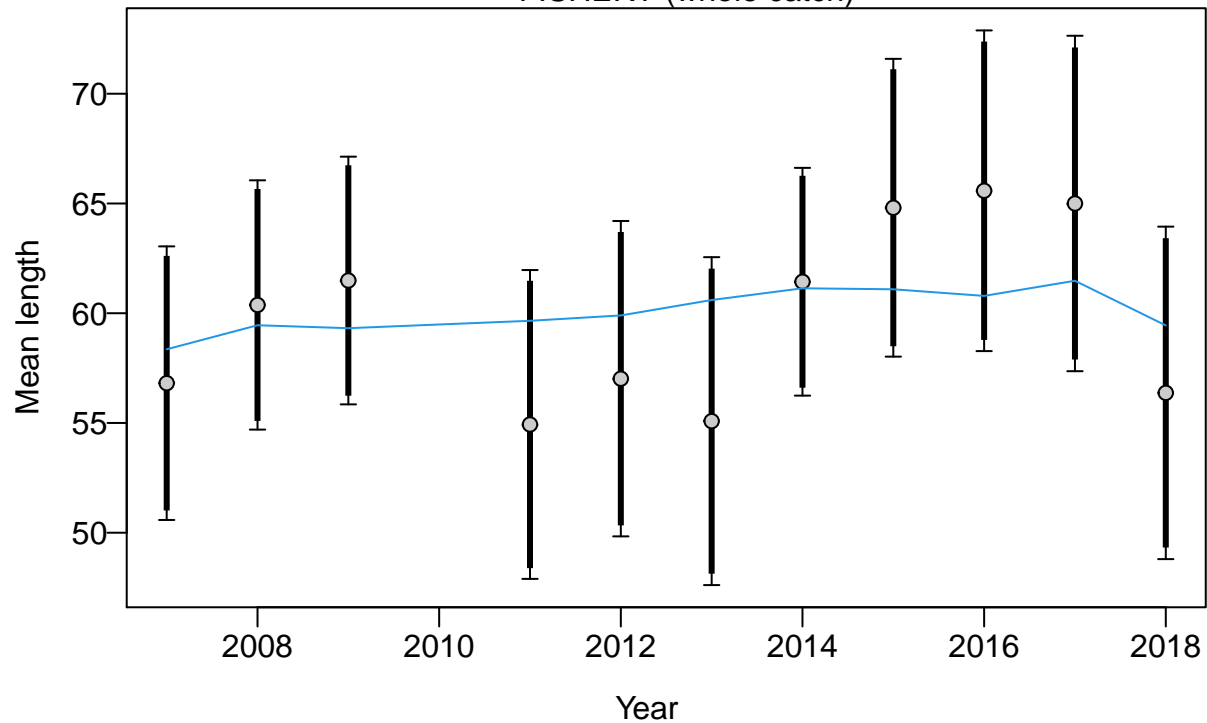
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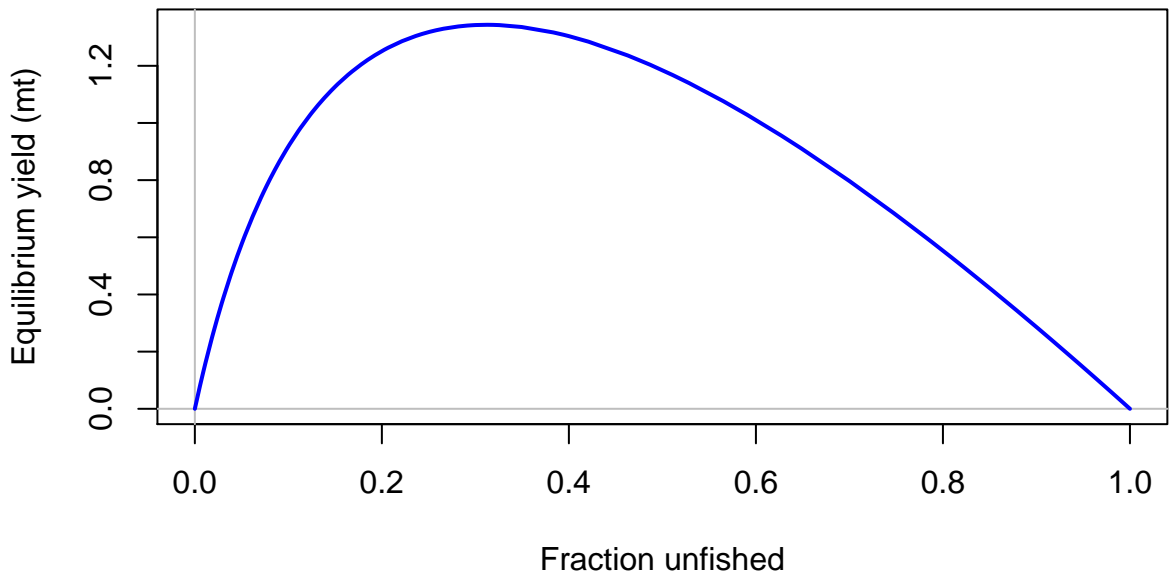


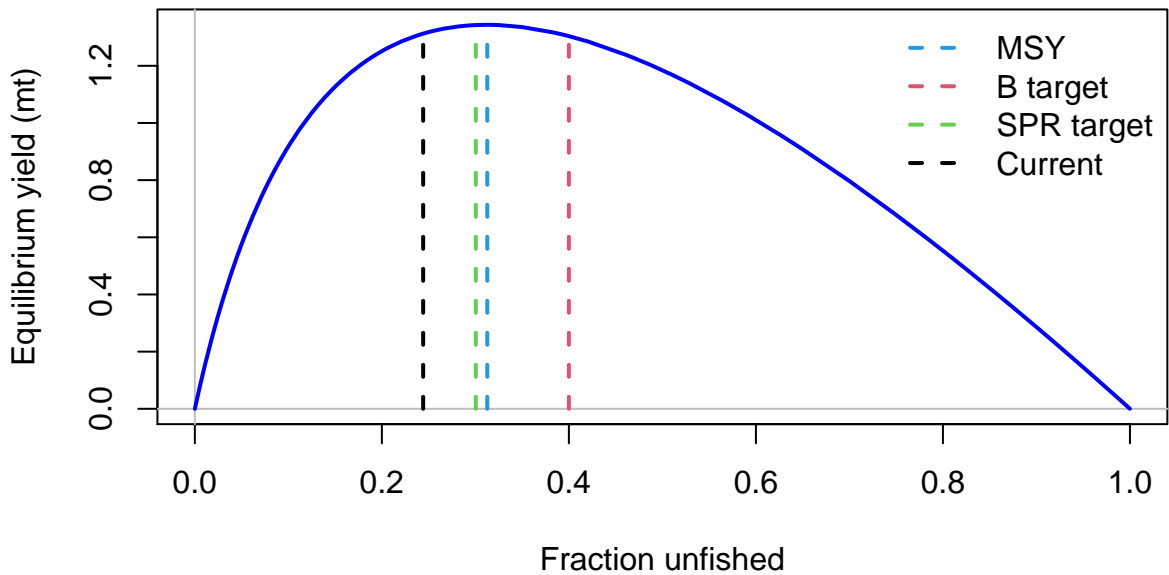
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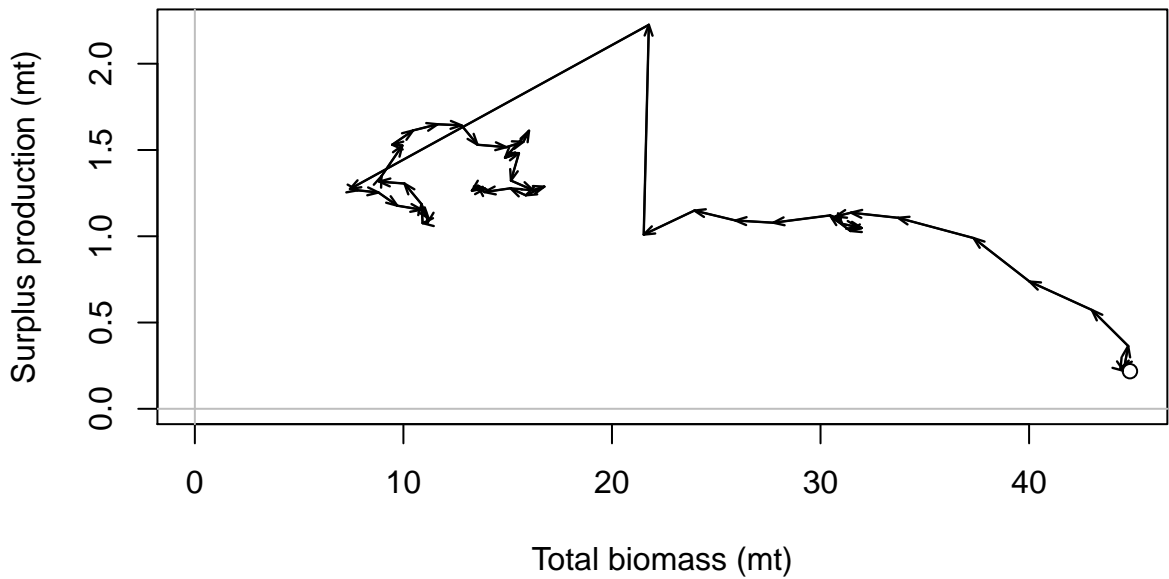


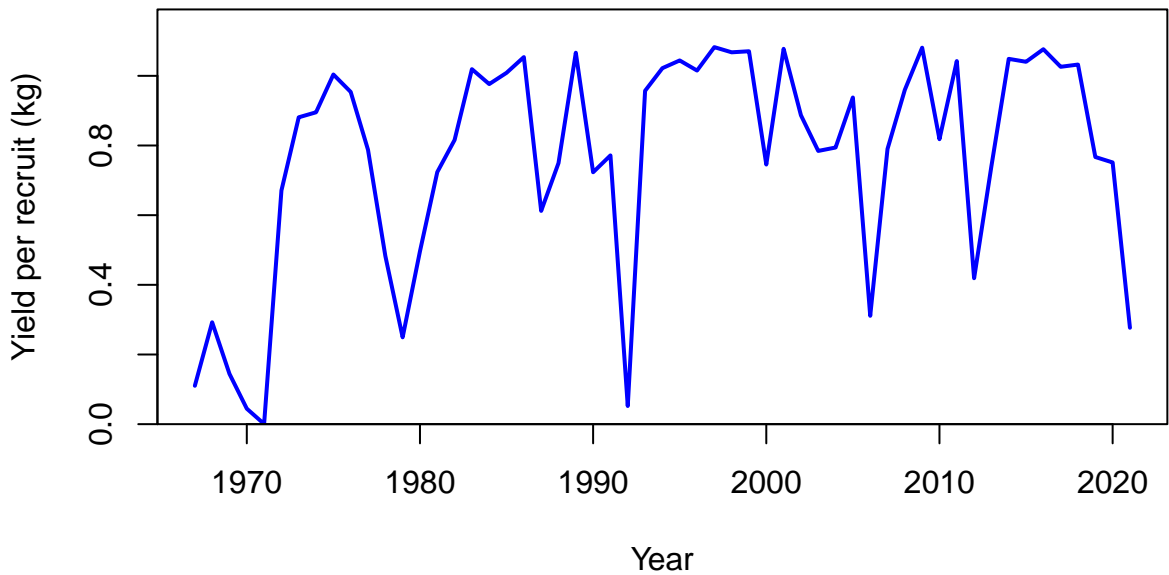
FISHERY (whole catch)

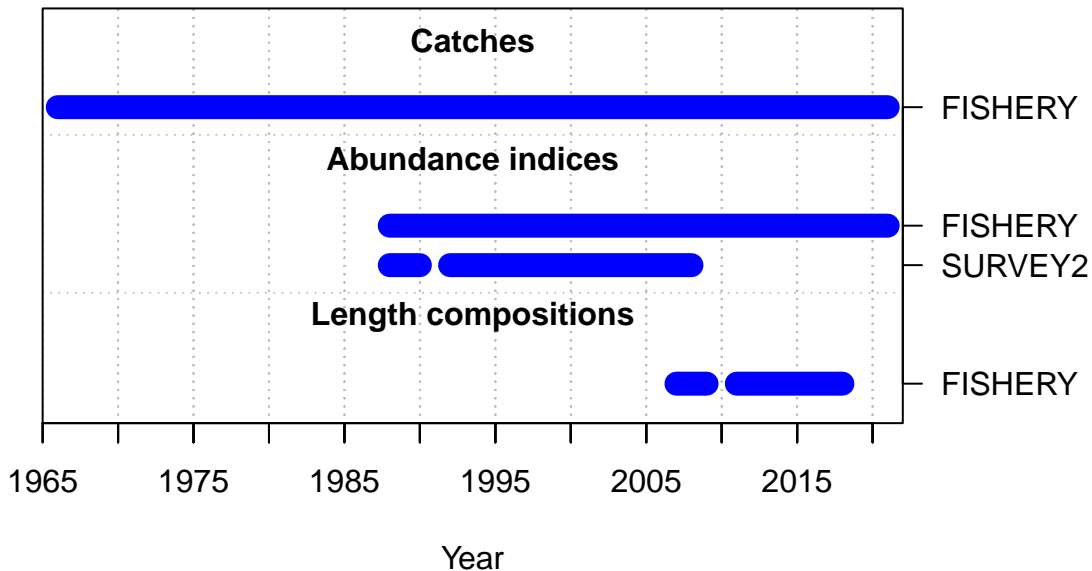


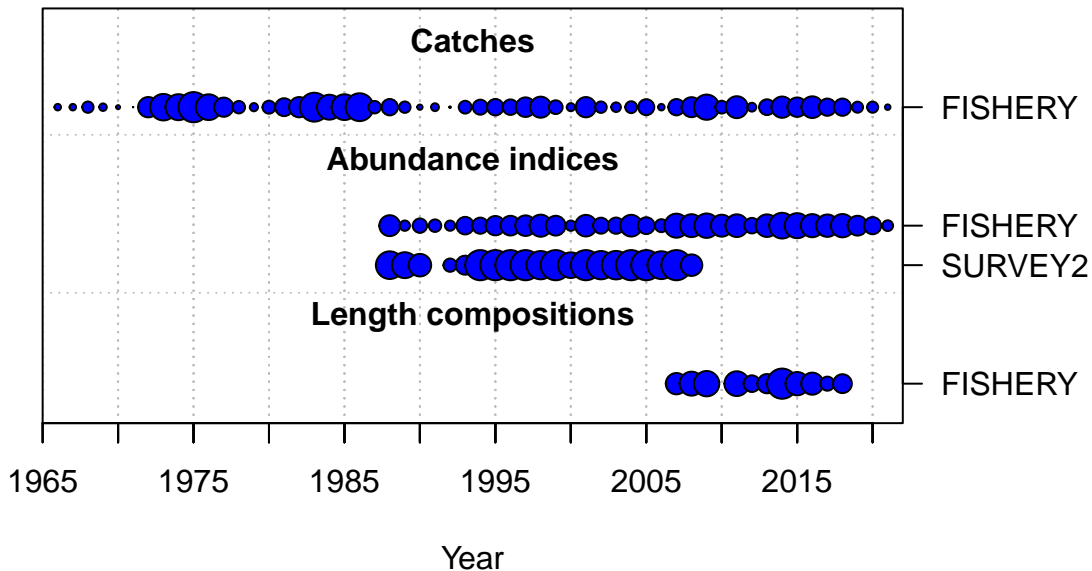




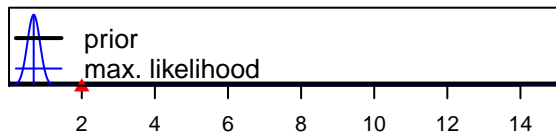




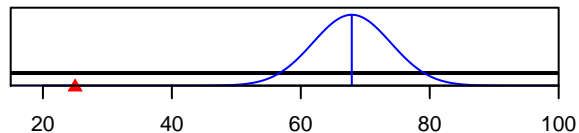




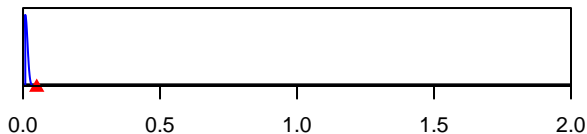
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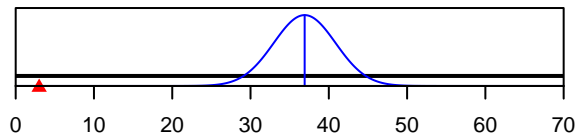
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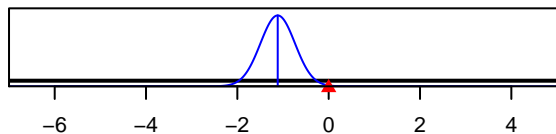
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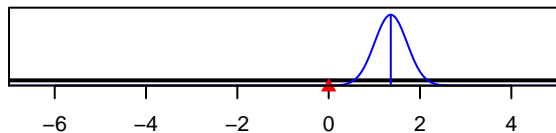
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)



Parameter value