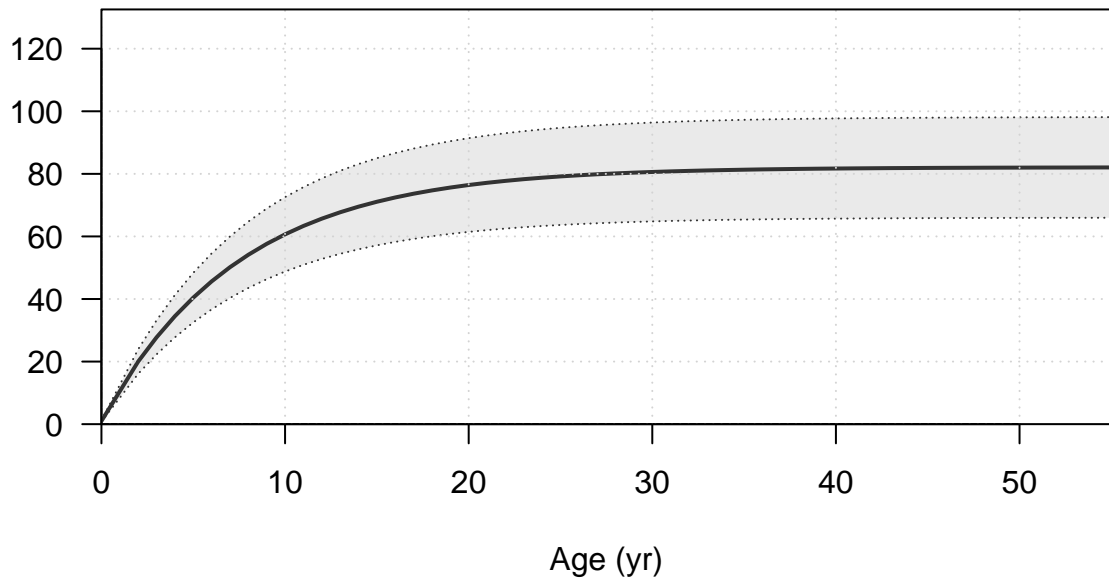
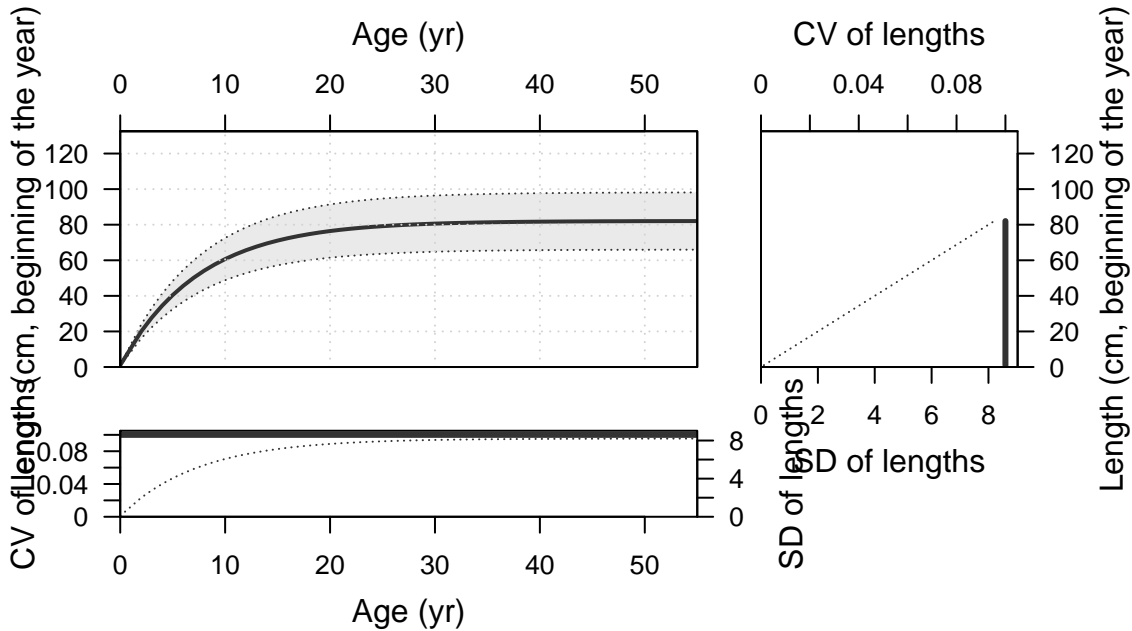
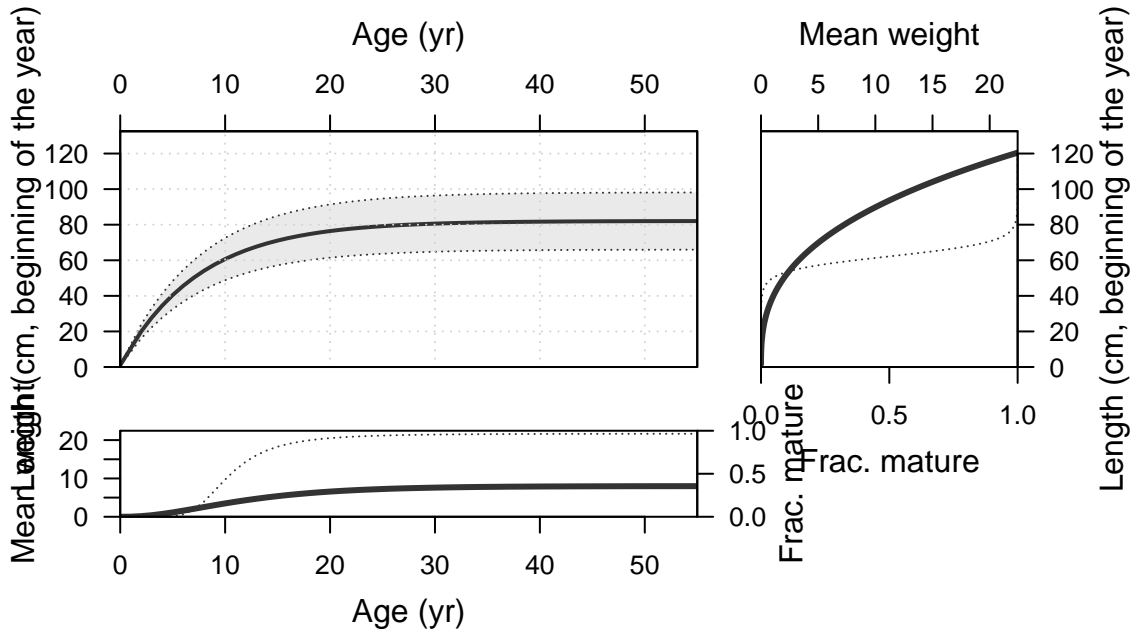


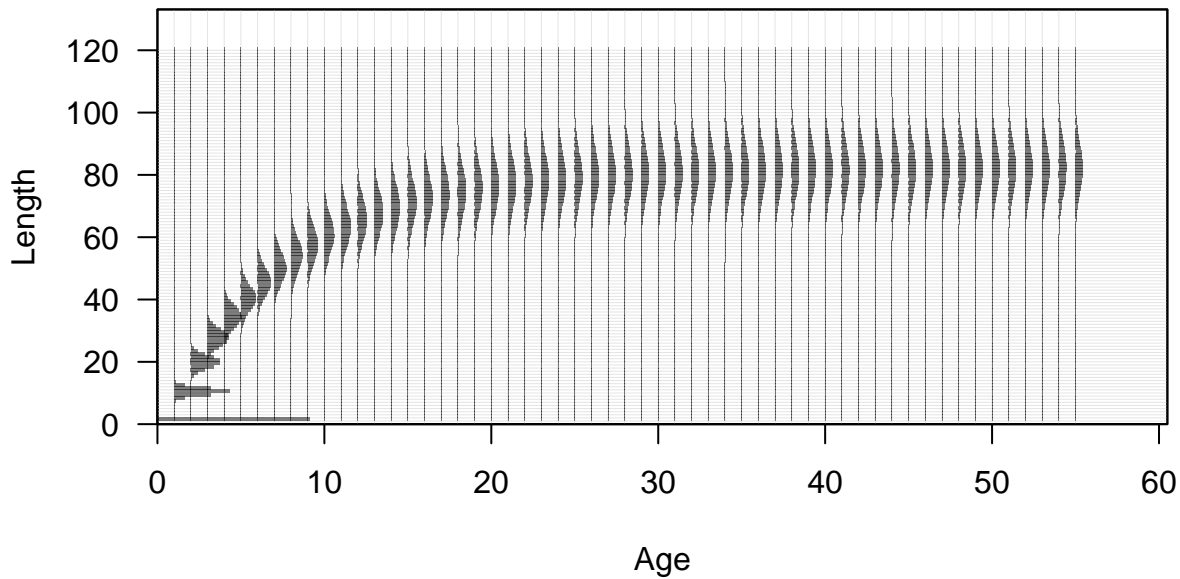
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Wed Jul 13 11:05:33 2022
Data_File: data.ss
Control_File: control.ss

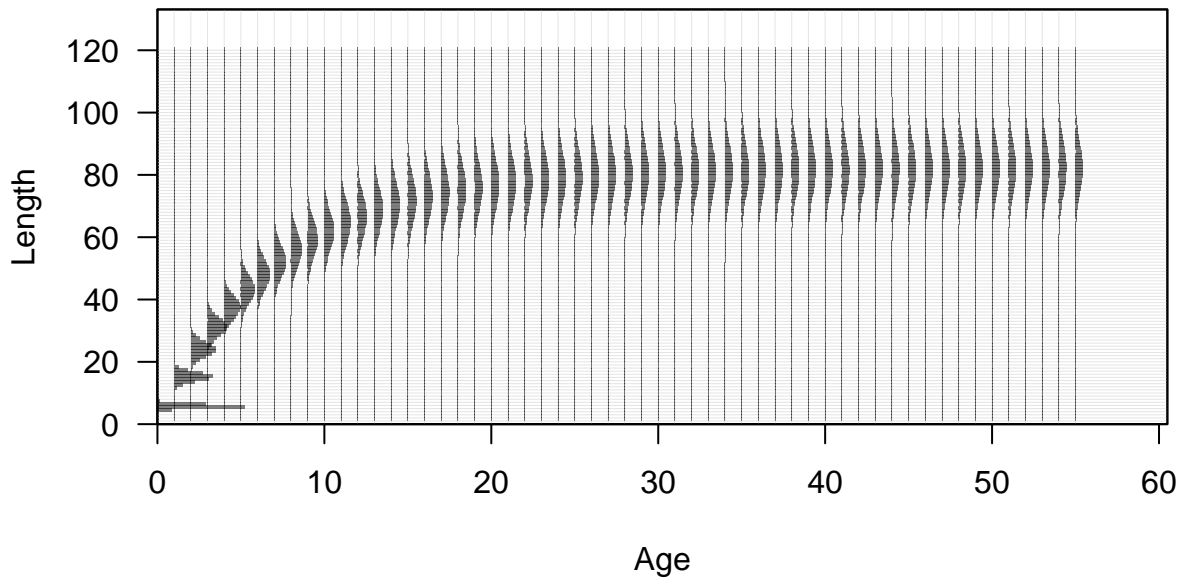
Length (cm, beginning of the year)



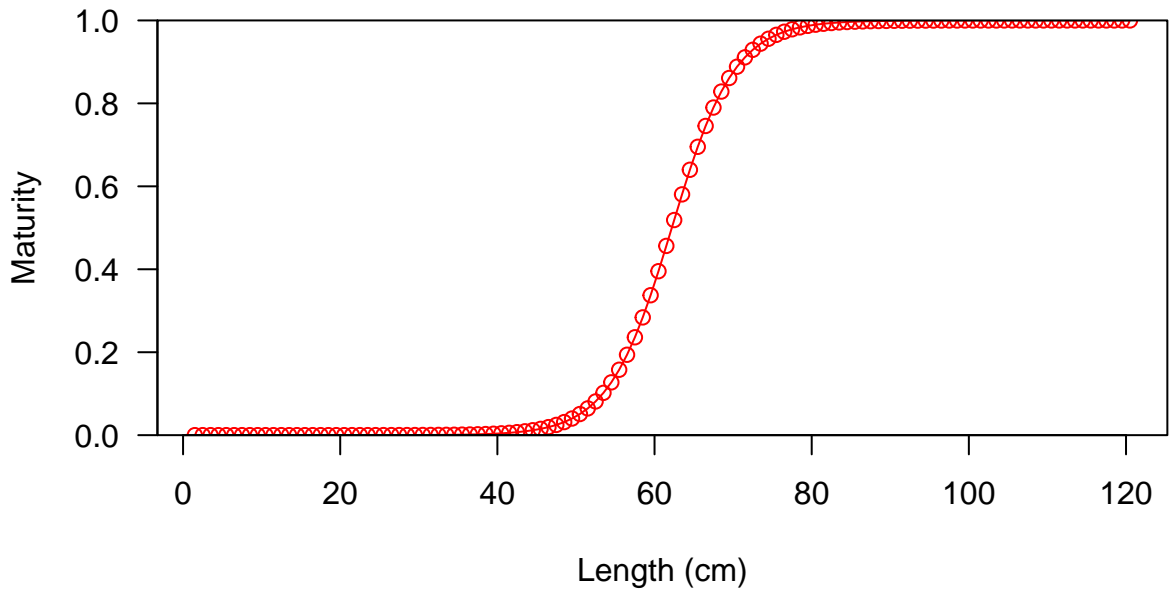














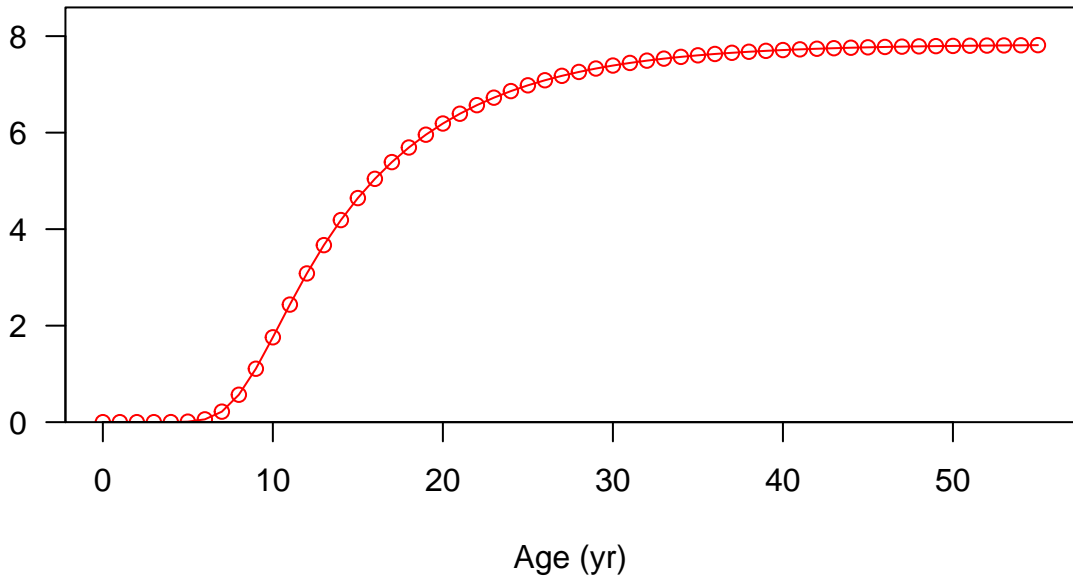


Fecundity

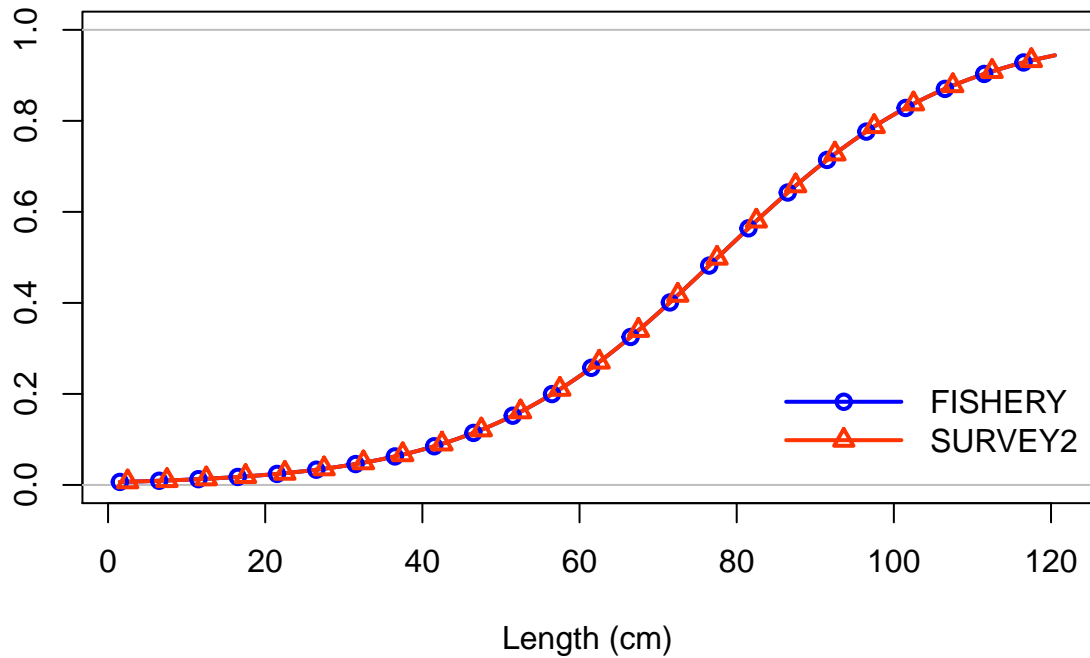




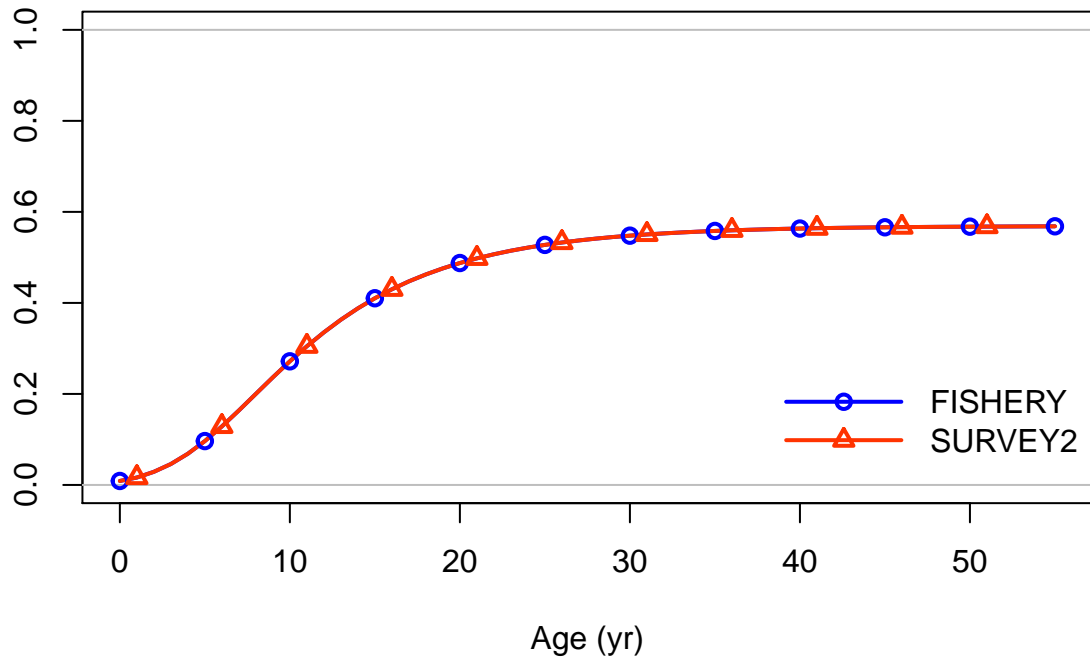
Spawning output



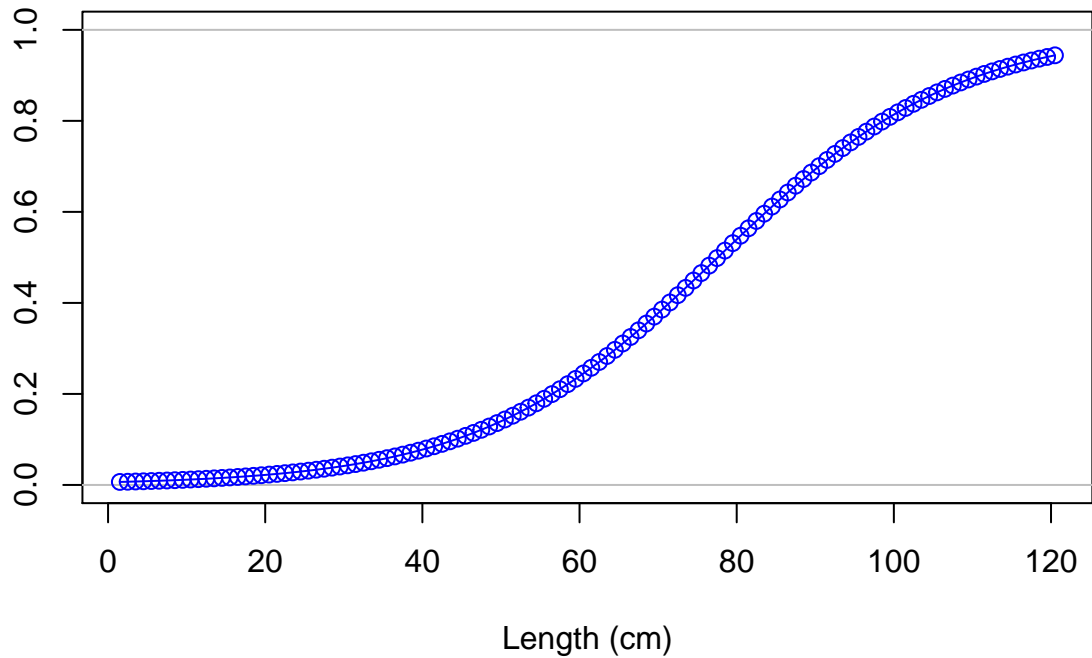
Selectivity



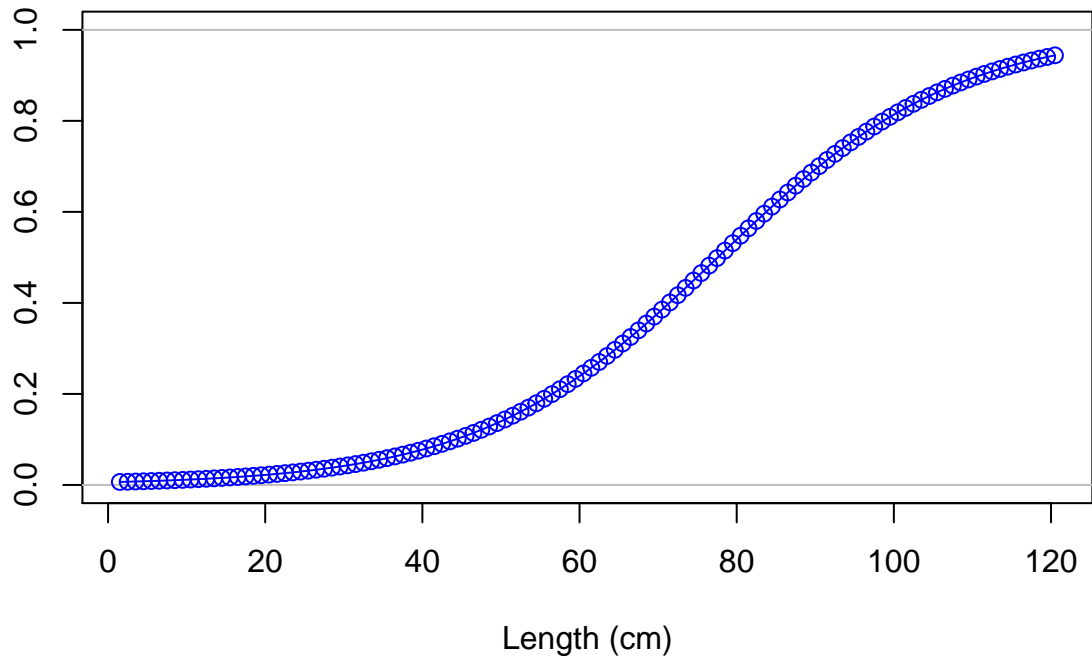
Selectivity

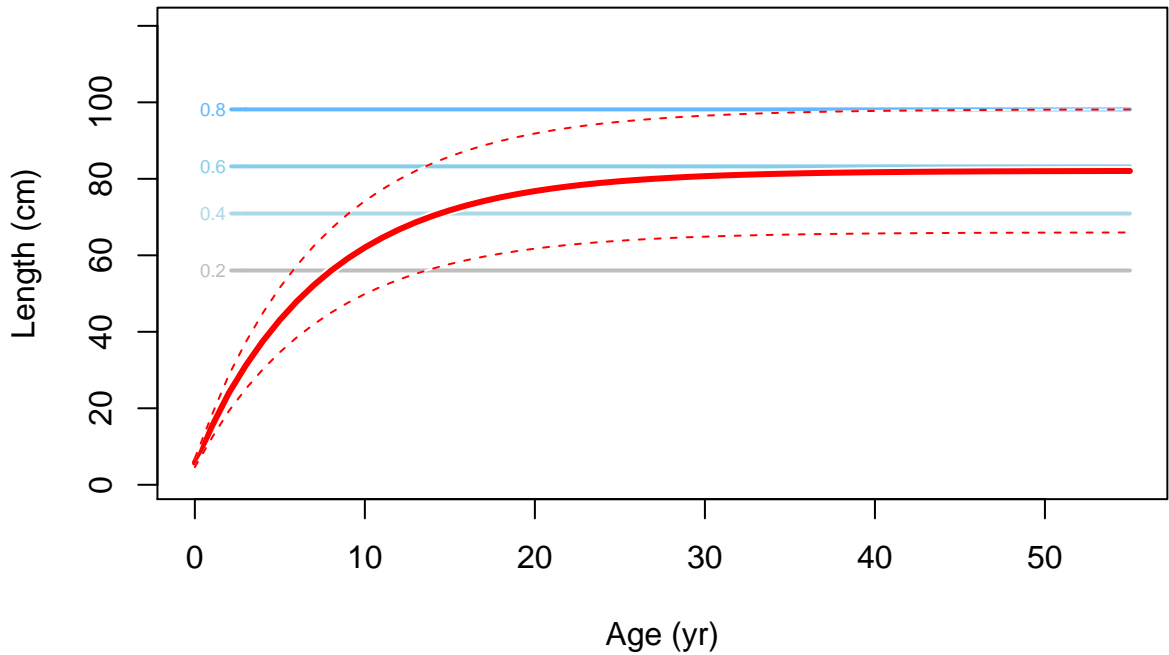


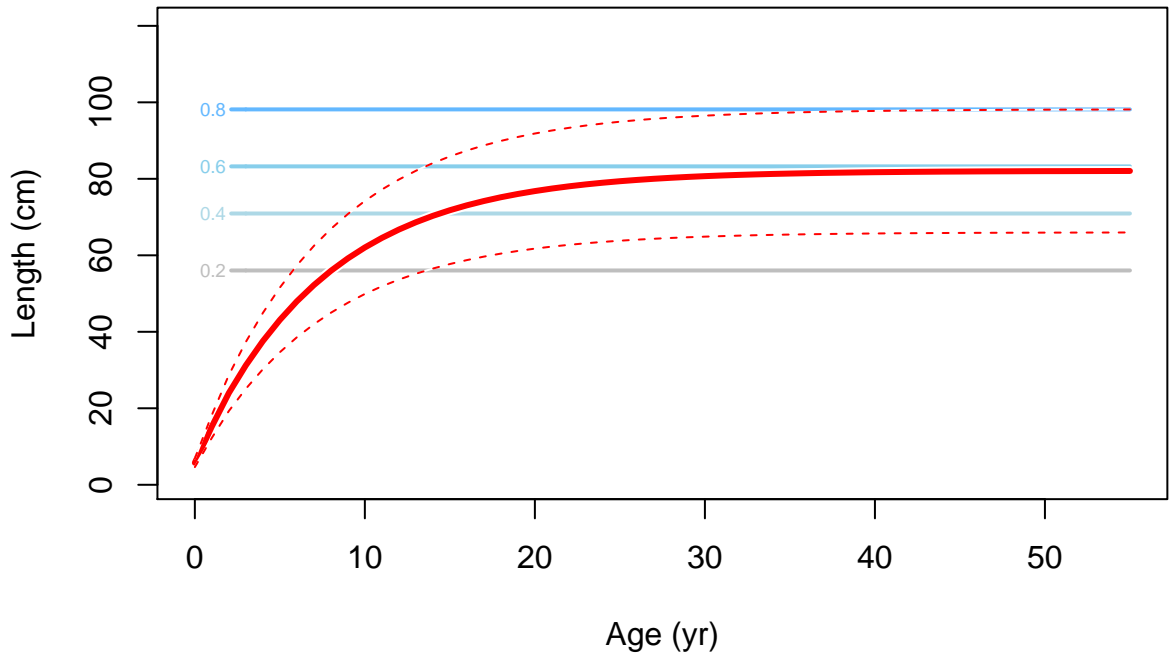
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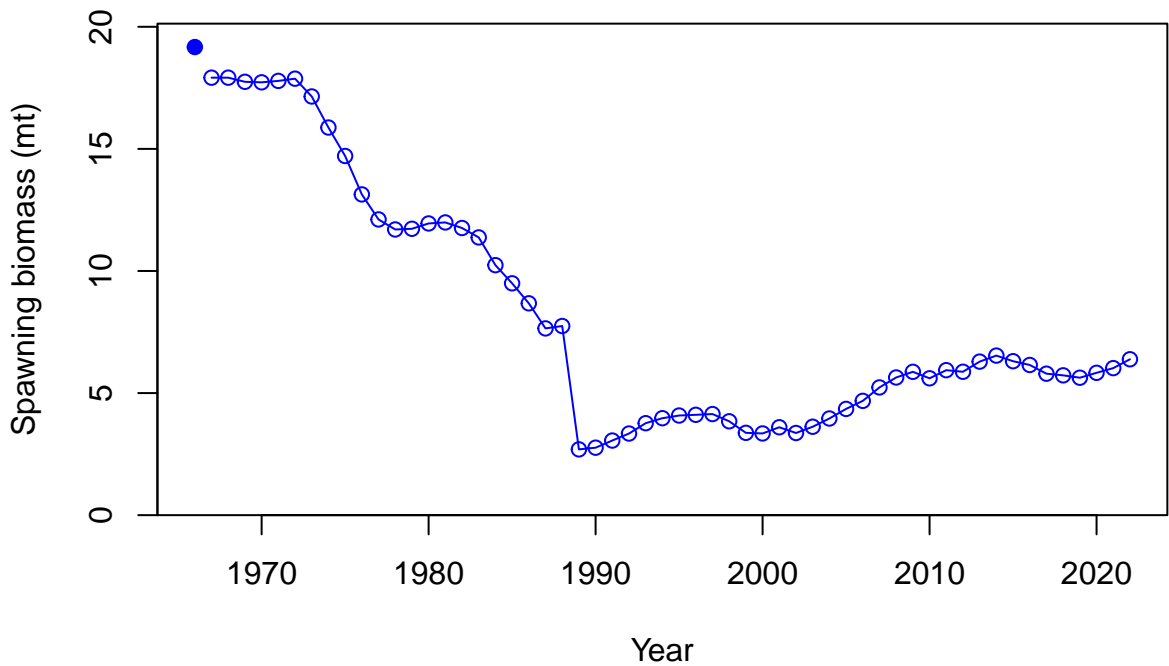


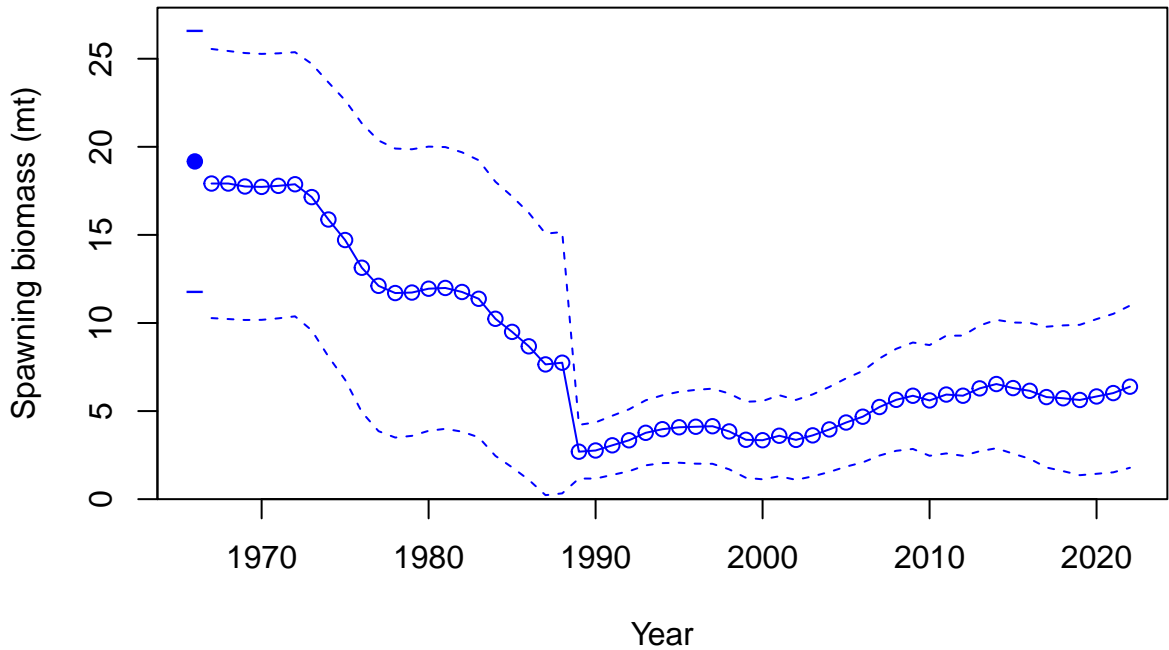
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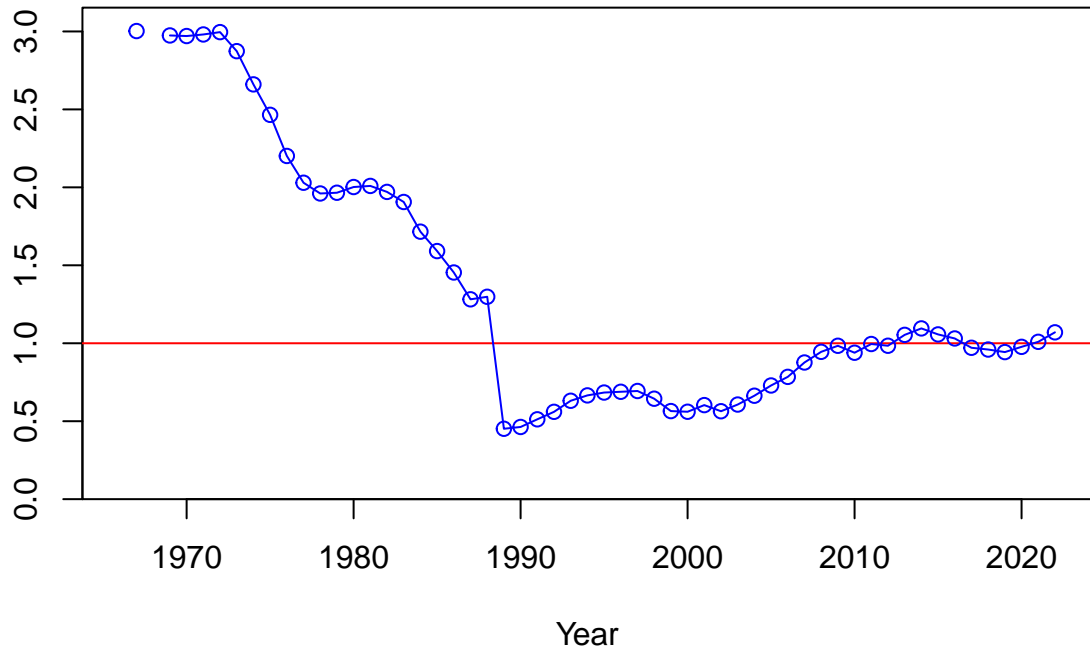




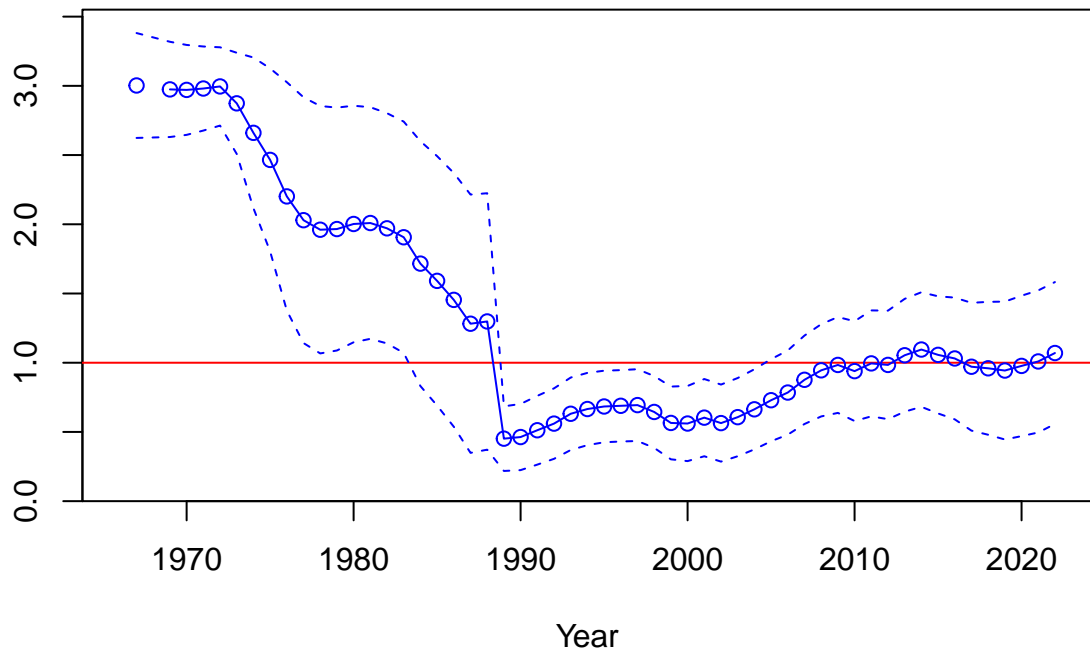


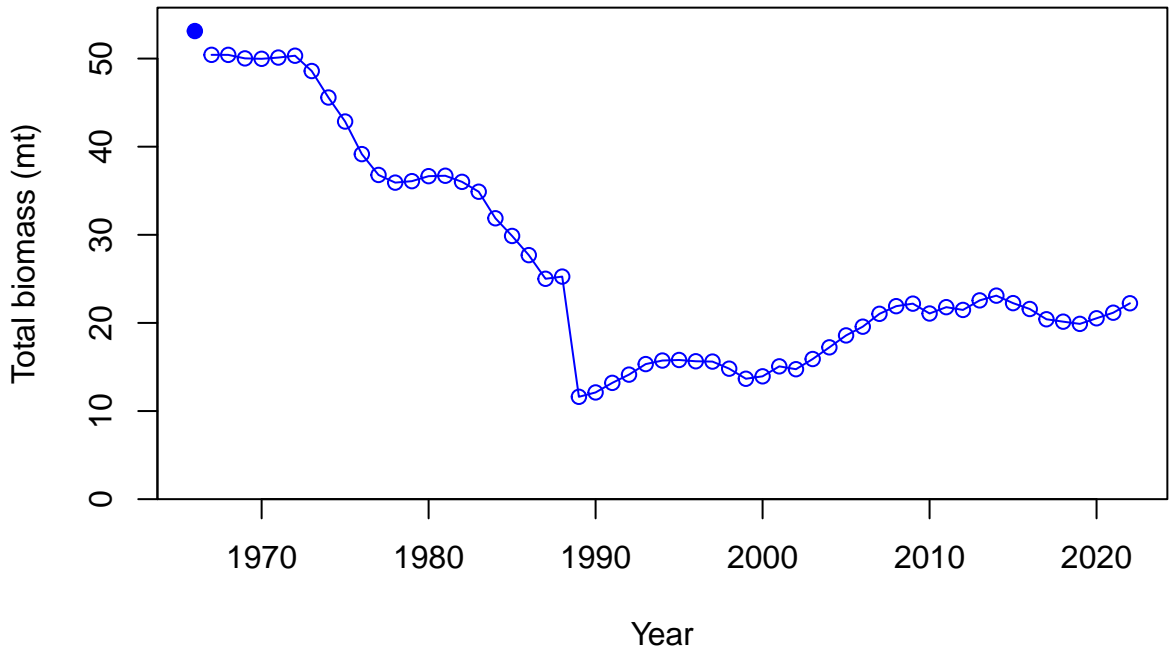


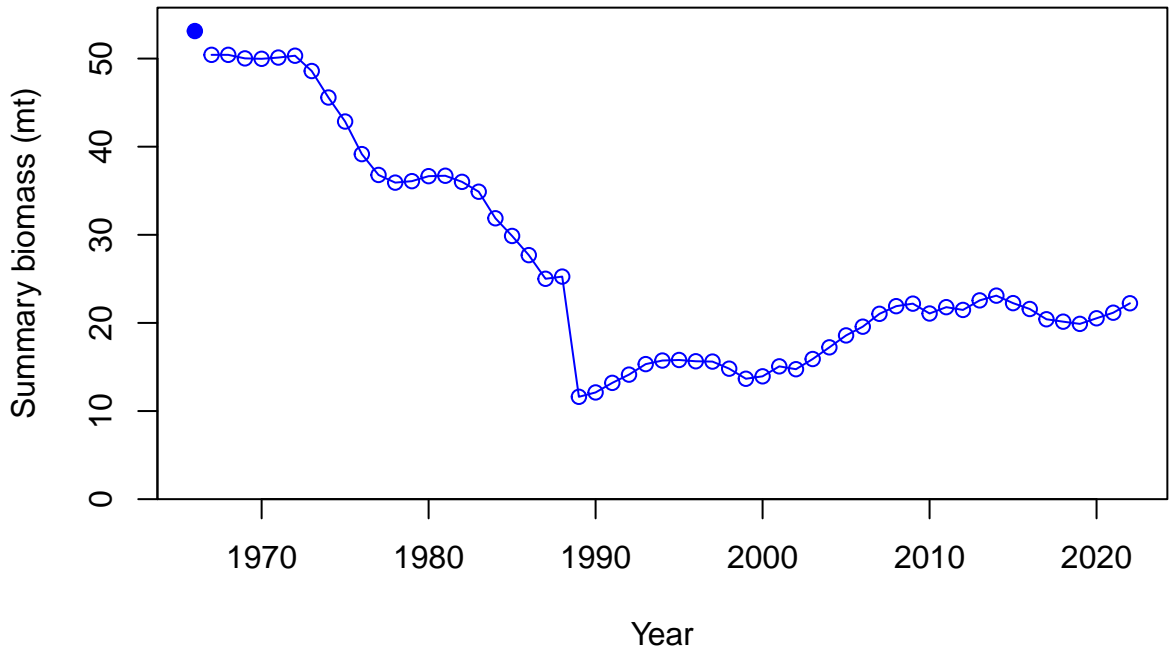
Relative spawning biomass: B/B_{MSY}



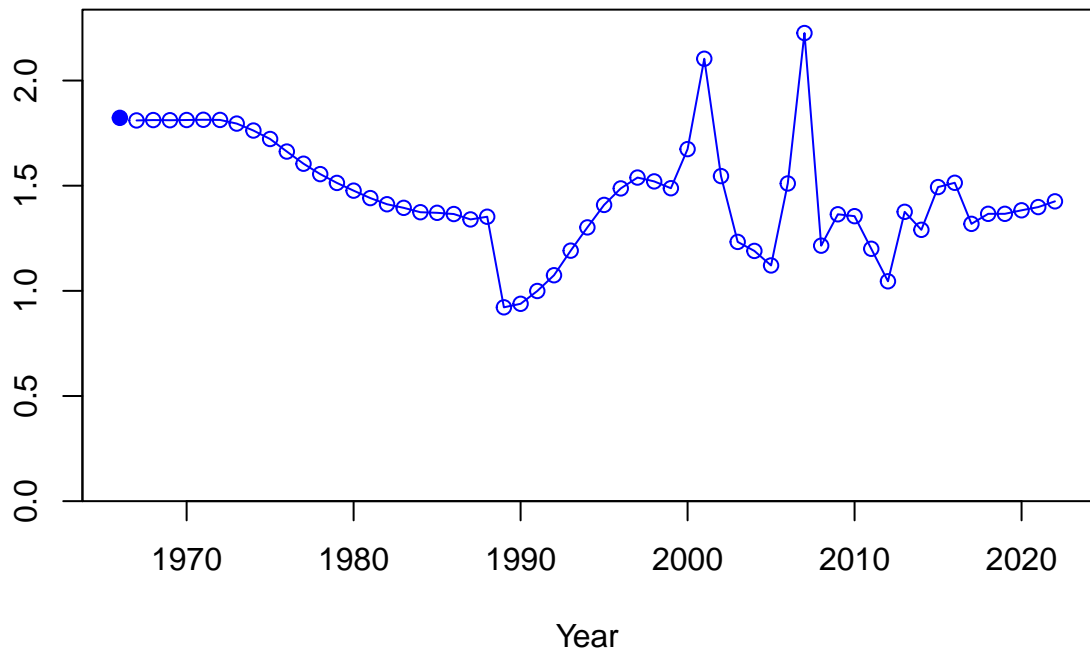
Relative spawning biomass: B/B_{MSY}



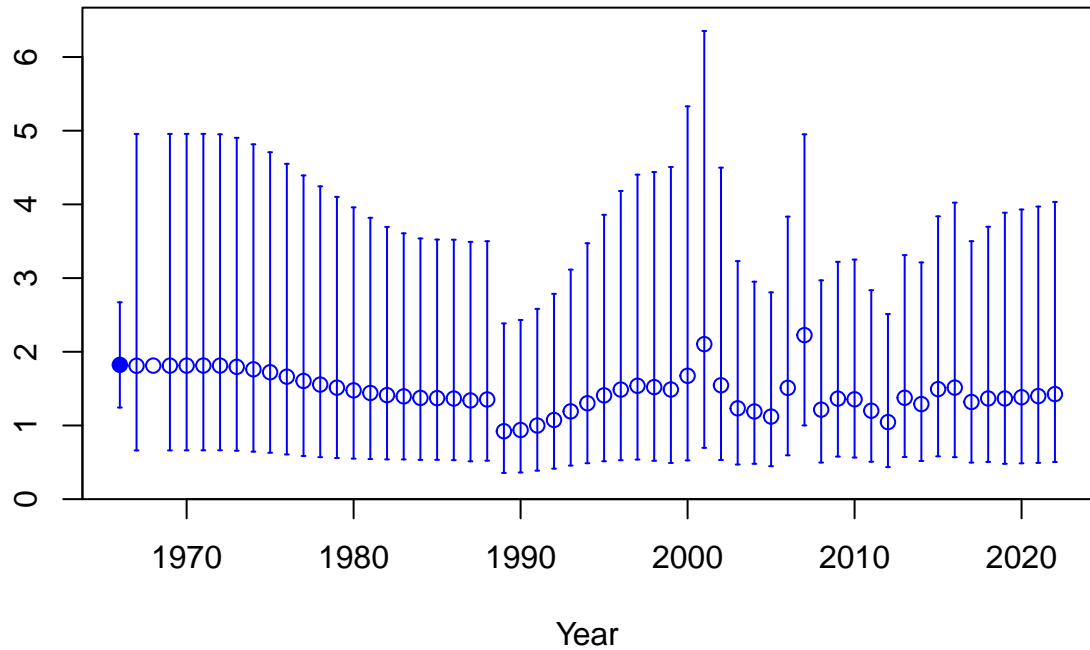




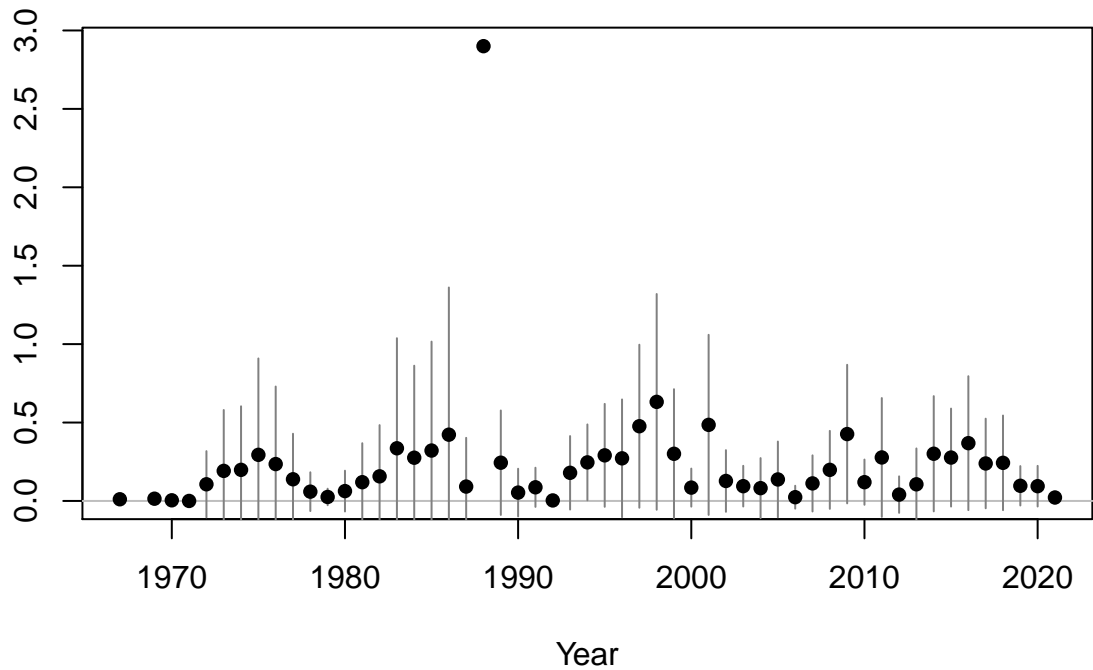
Age-0 recruits (1,000s)

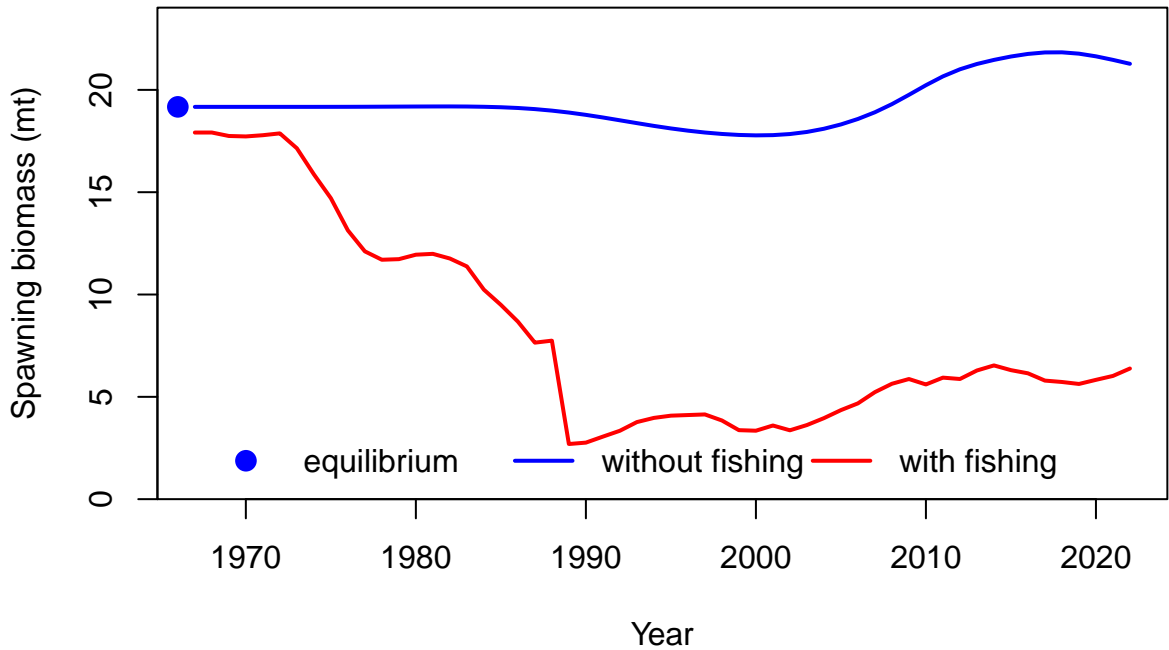


Age-0 recruits (1,000s)

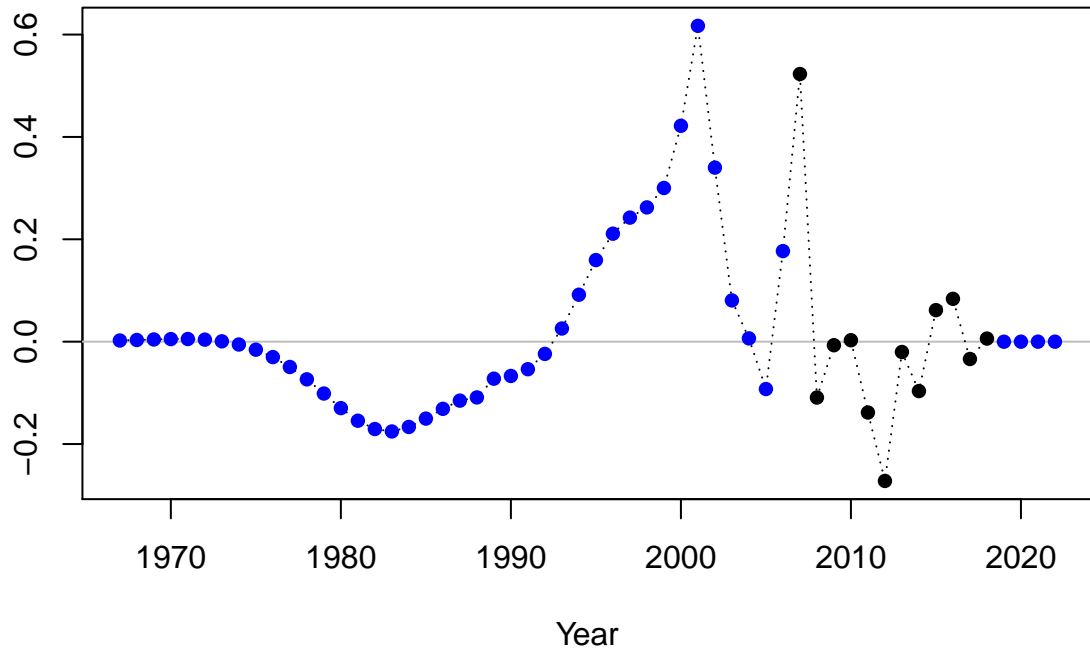


Summary Fishing Mortality

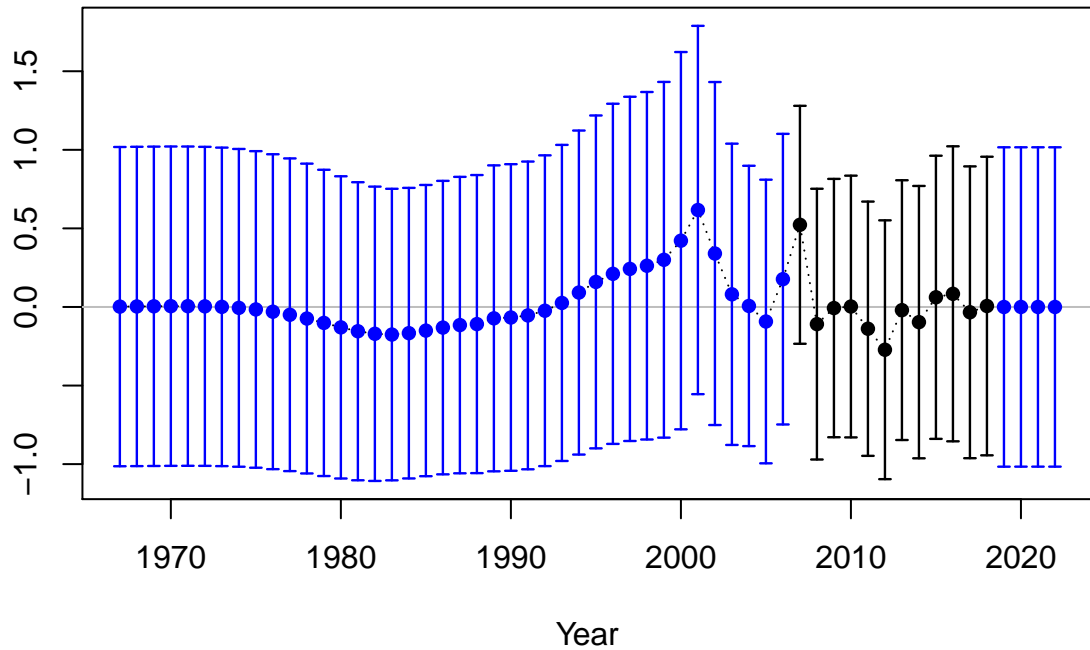




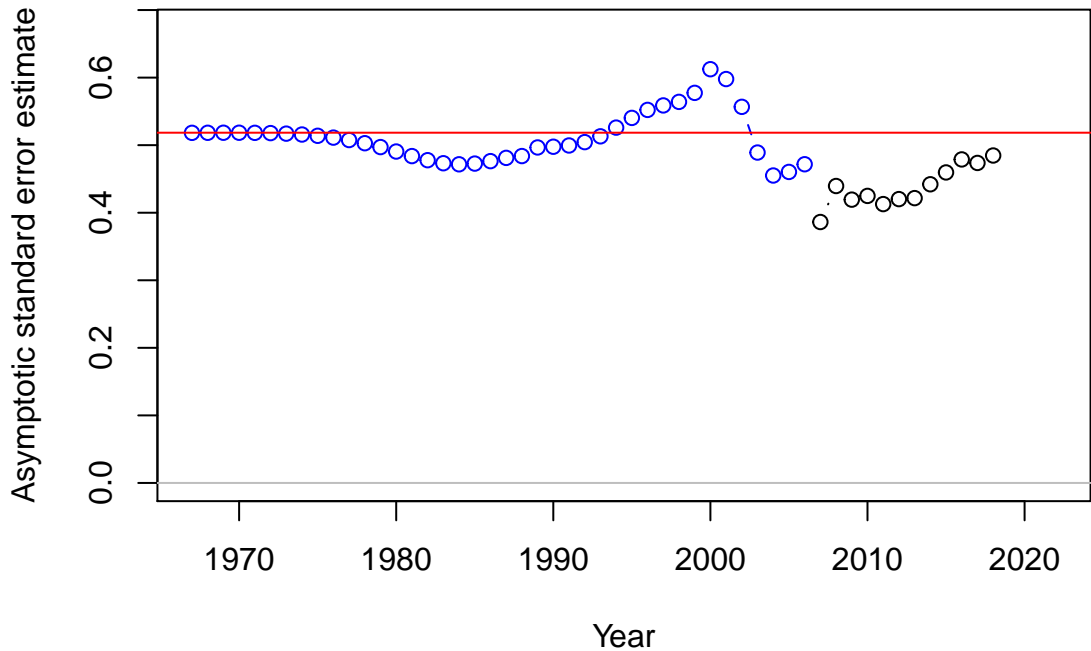
Log recruitment deviation

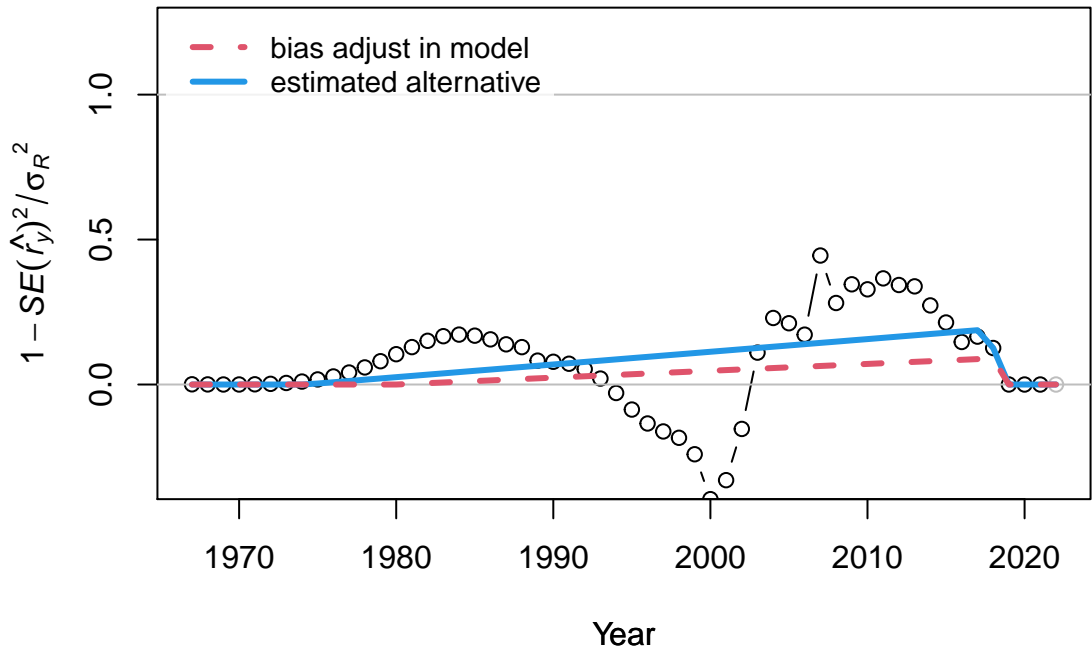


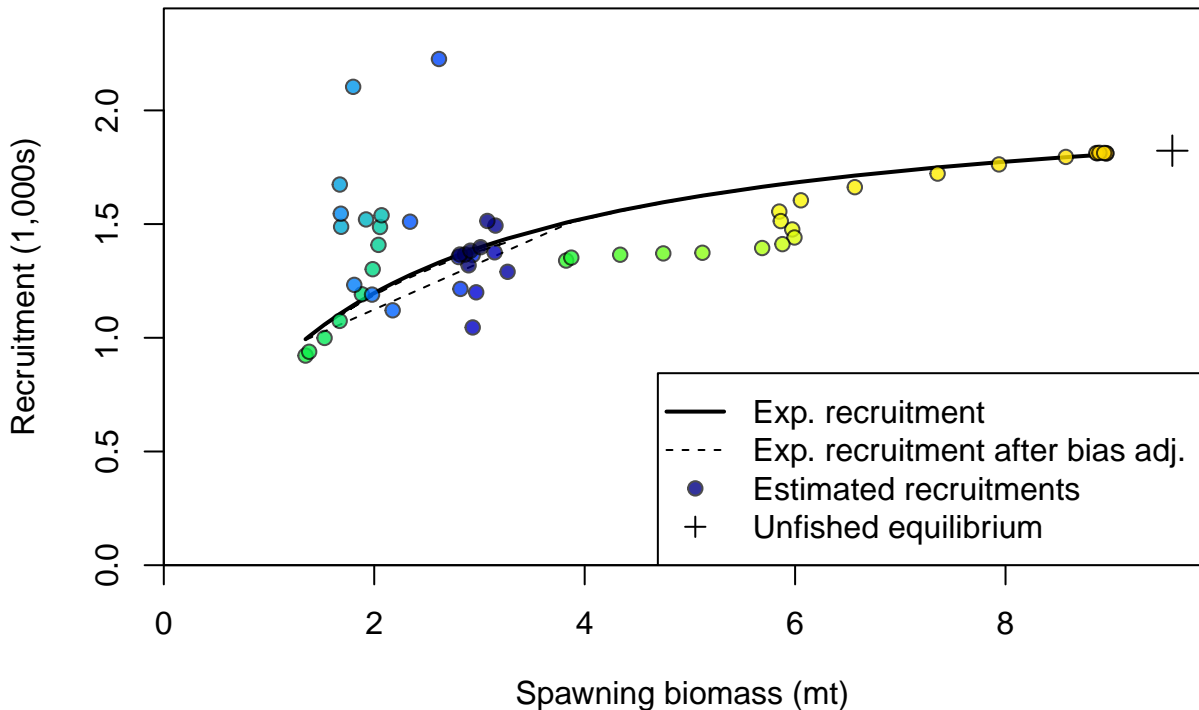
Log recruitment deviation

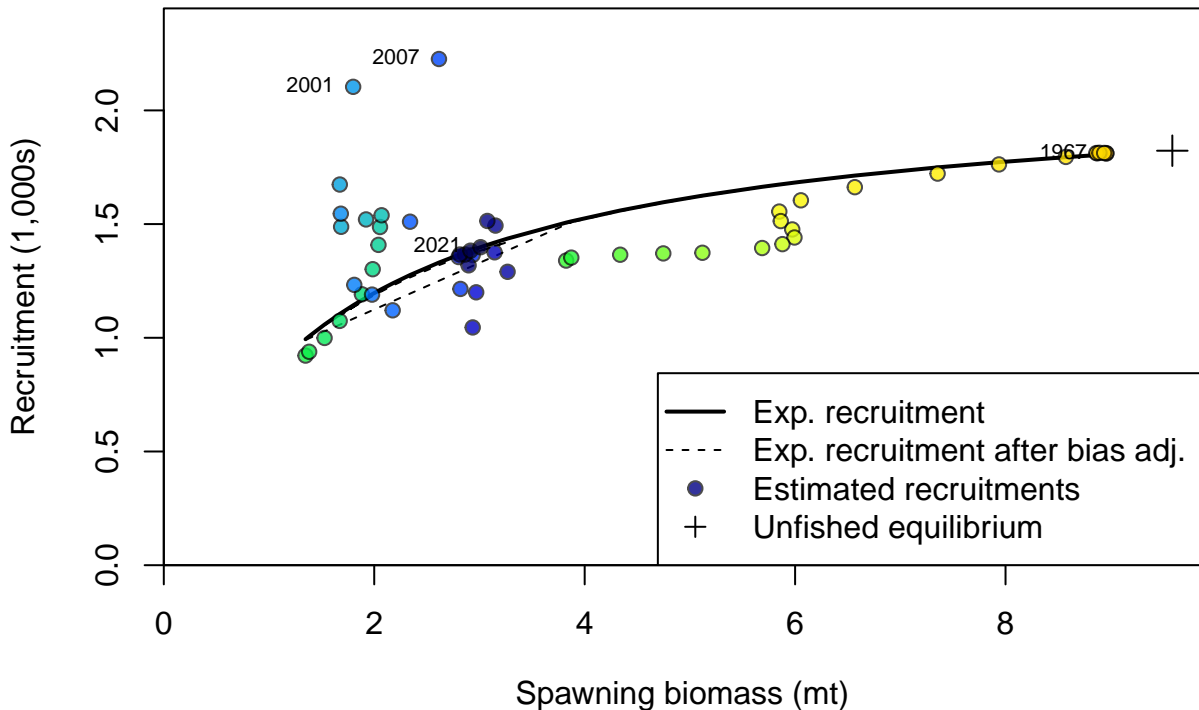


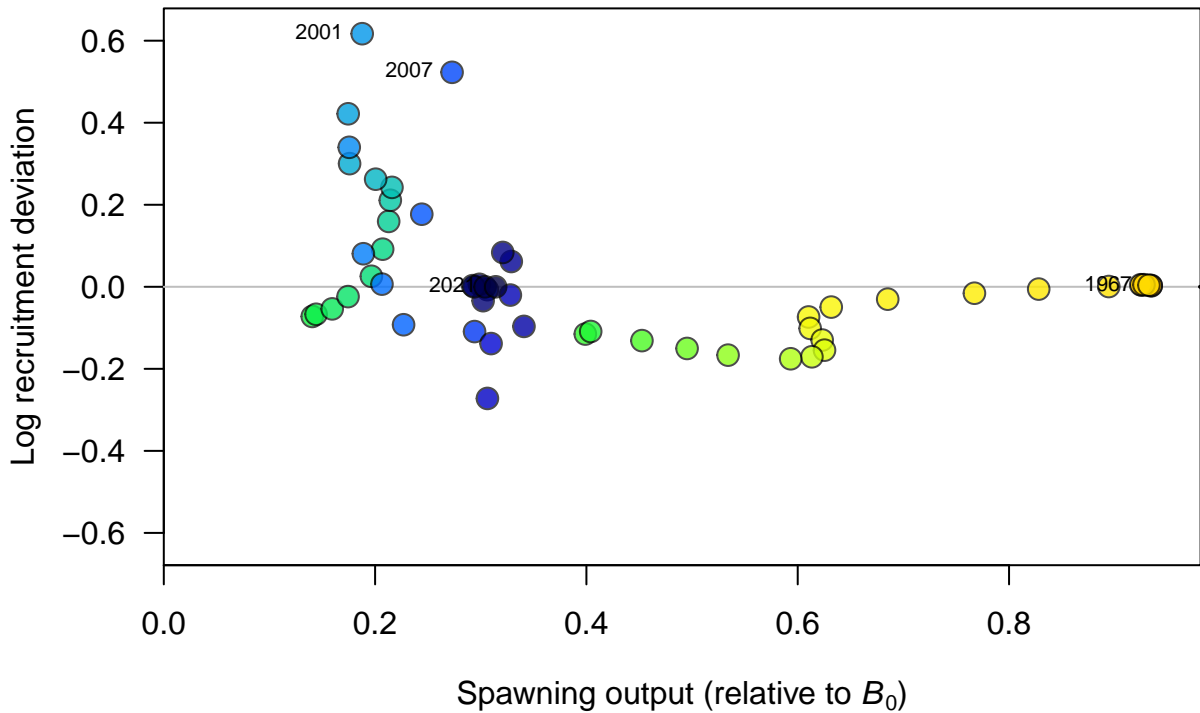
Recruitment deviation variance

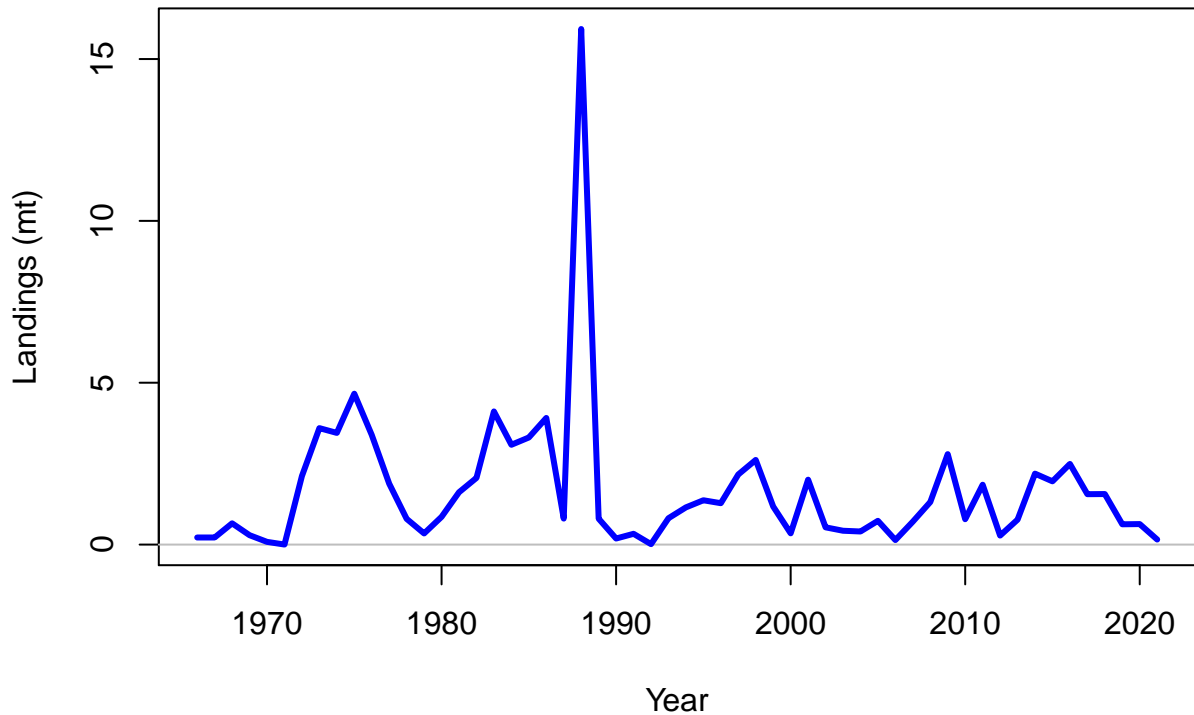


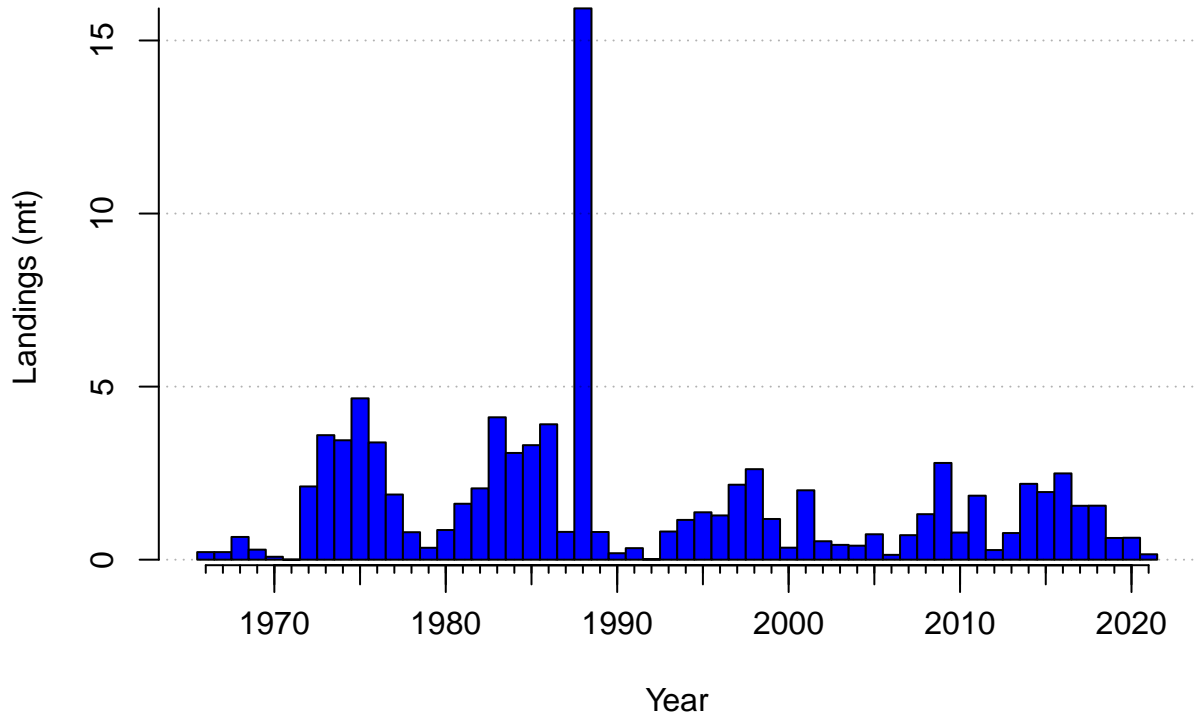


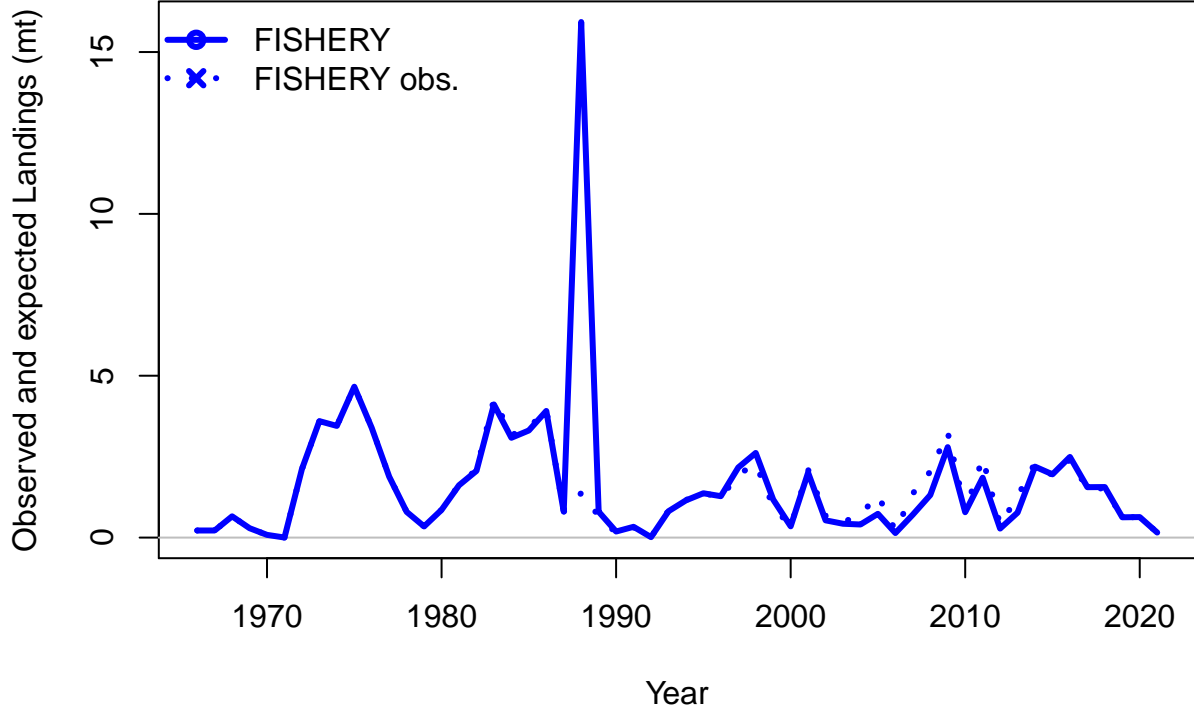


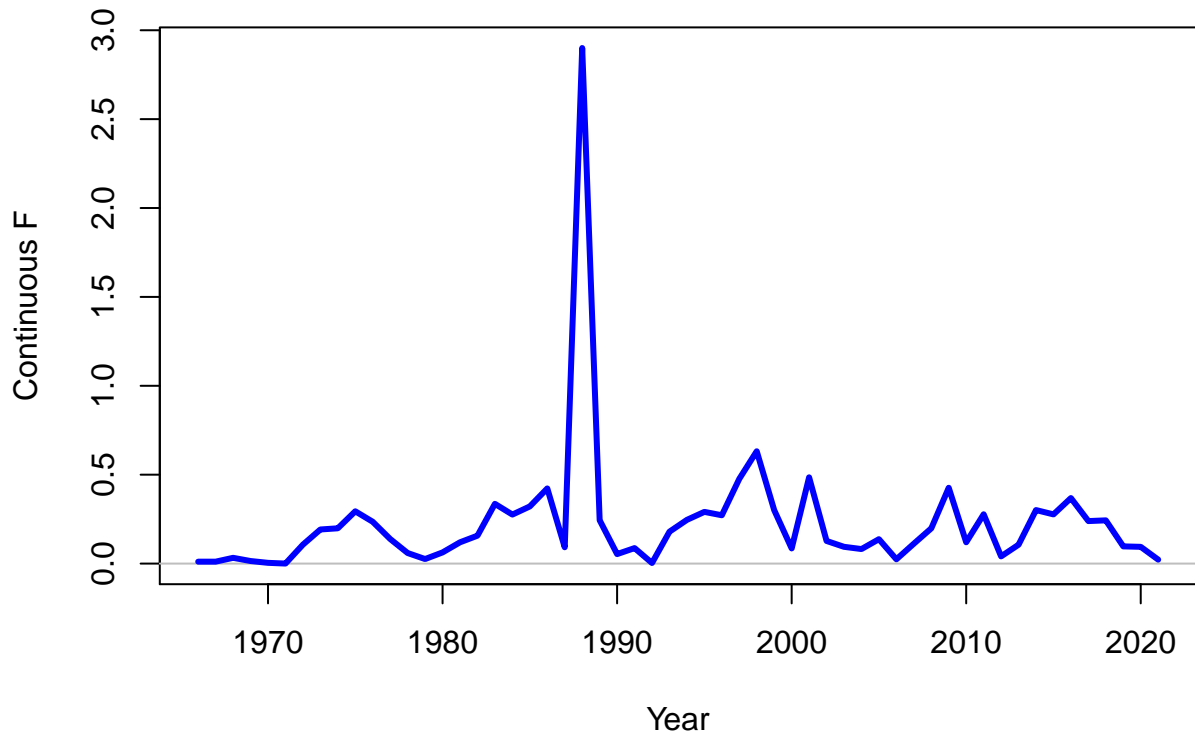




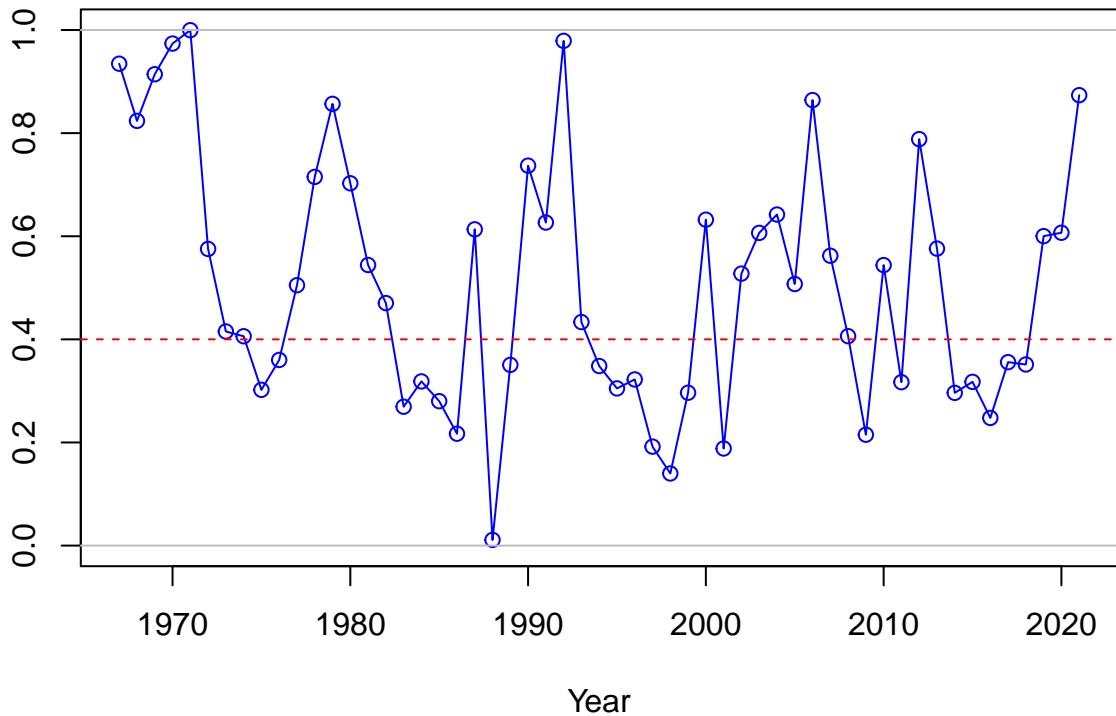


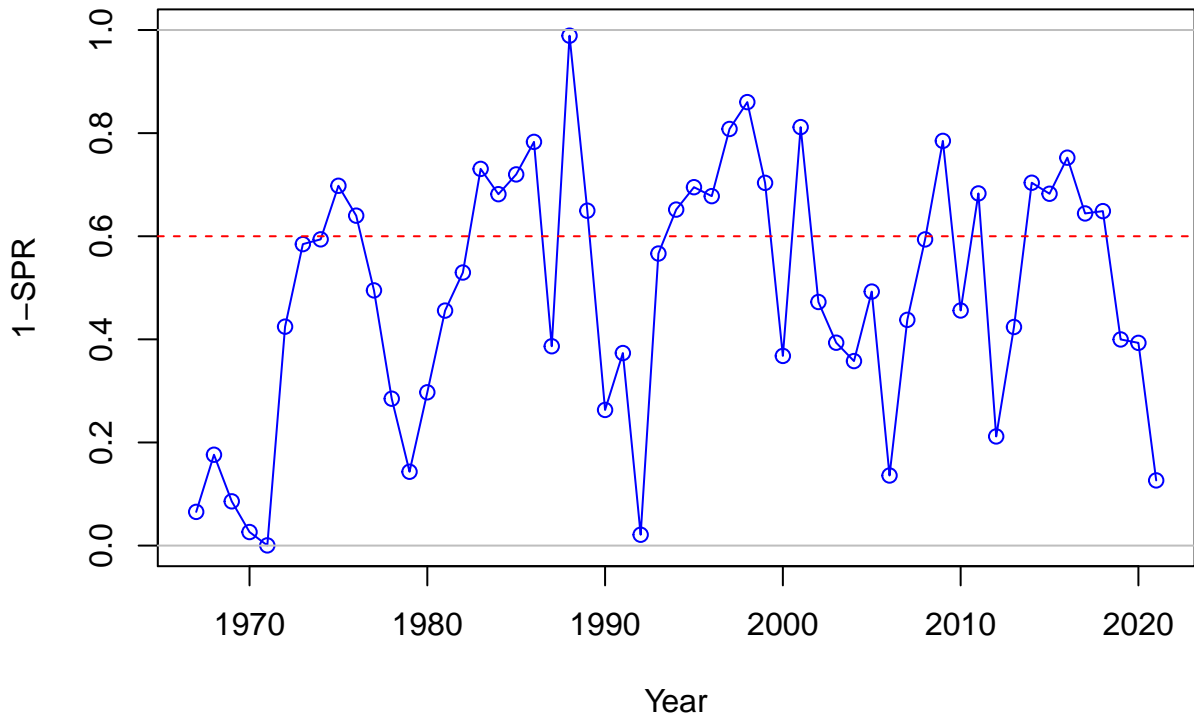




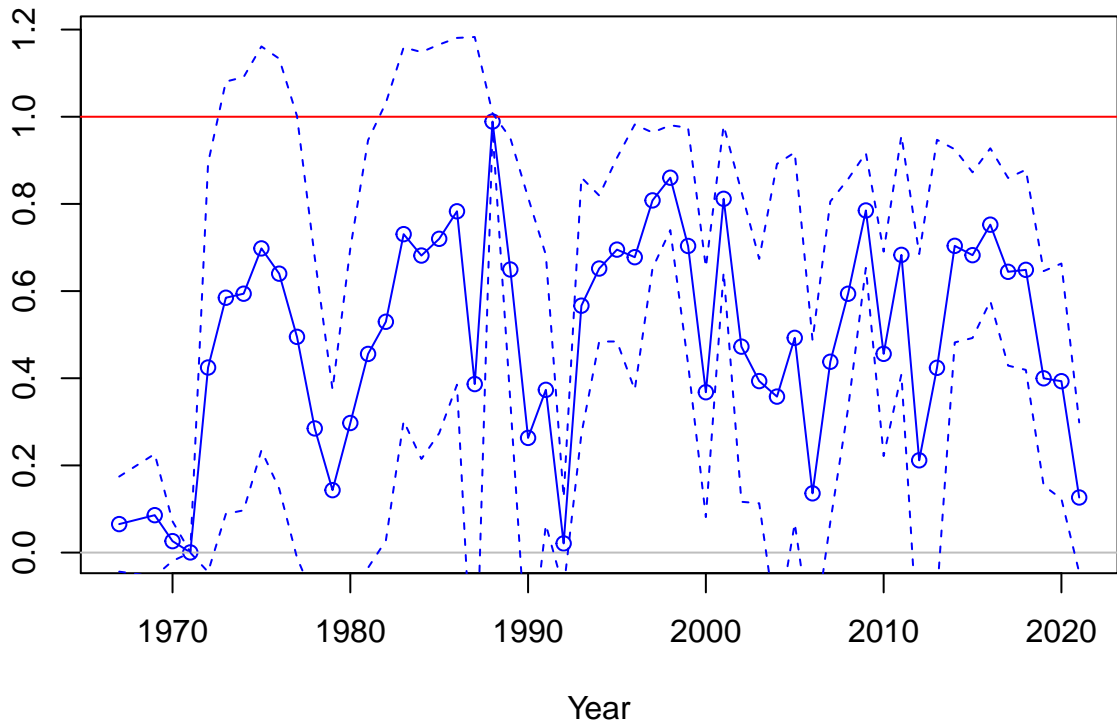


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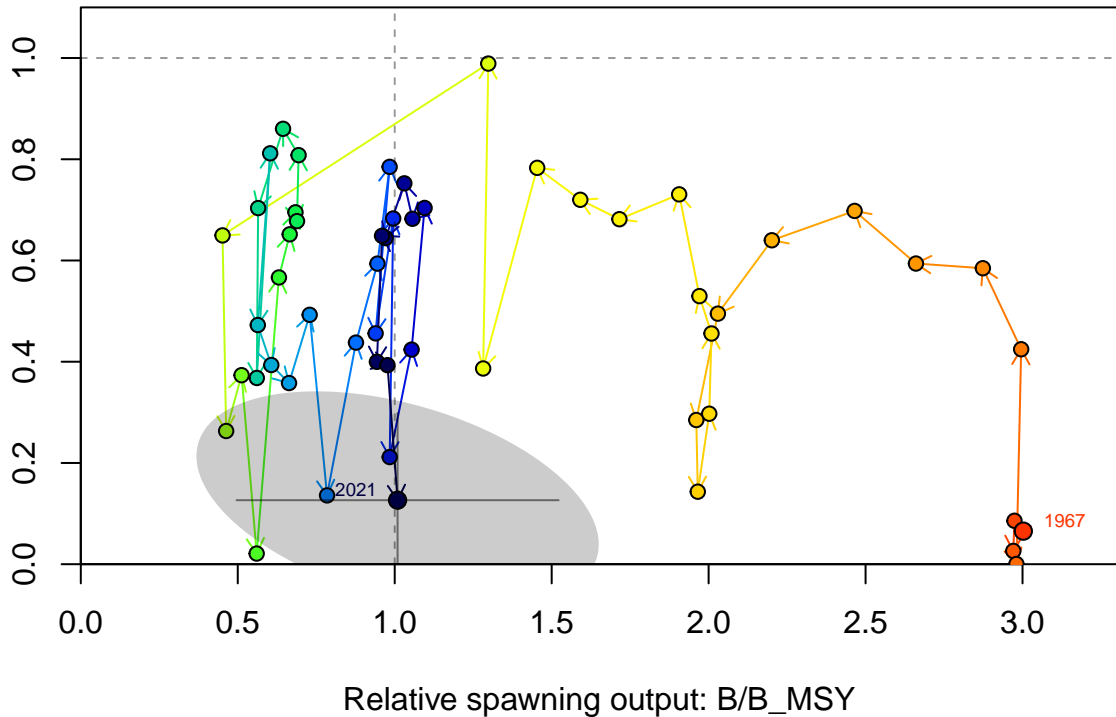




Fishing intensity: 1-SPR



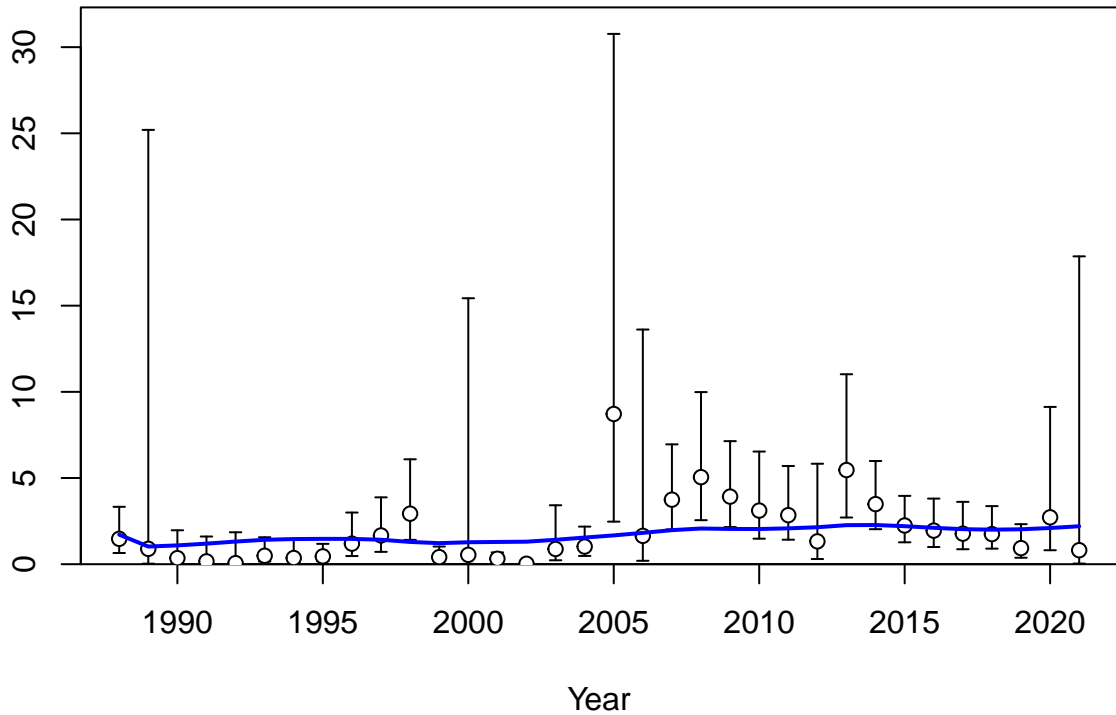
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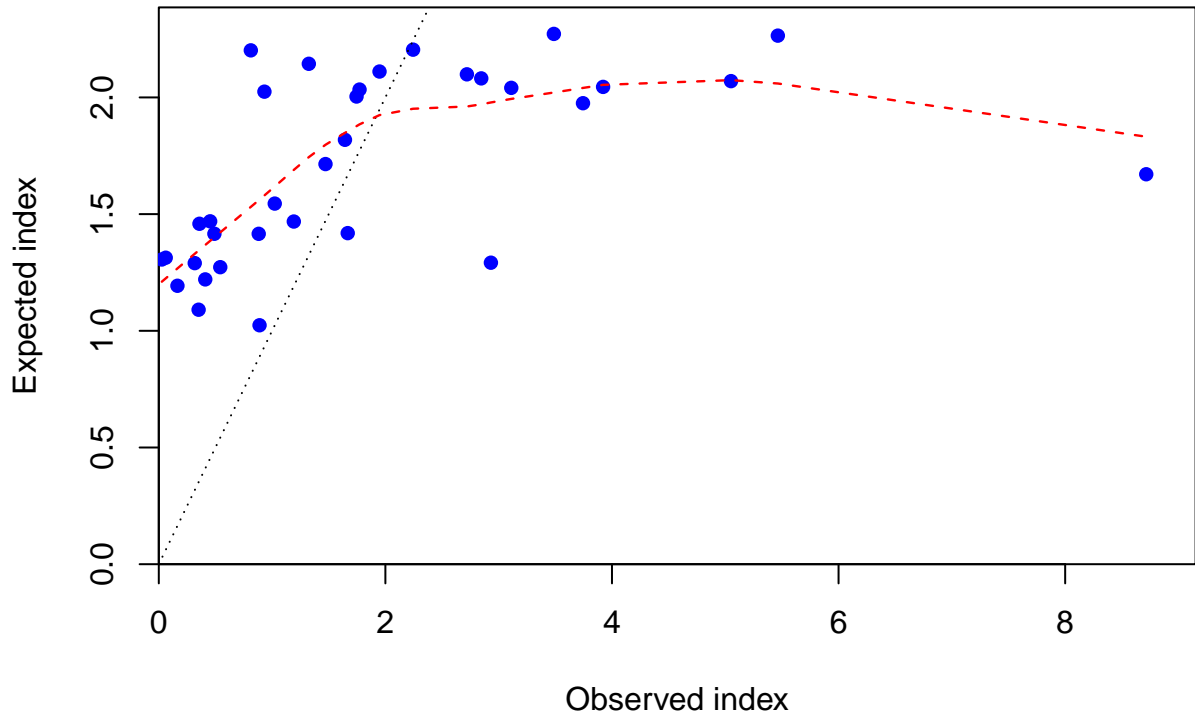


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1990

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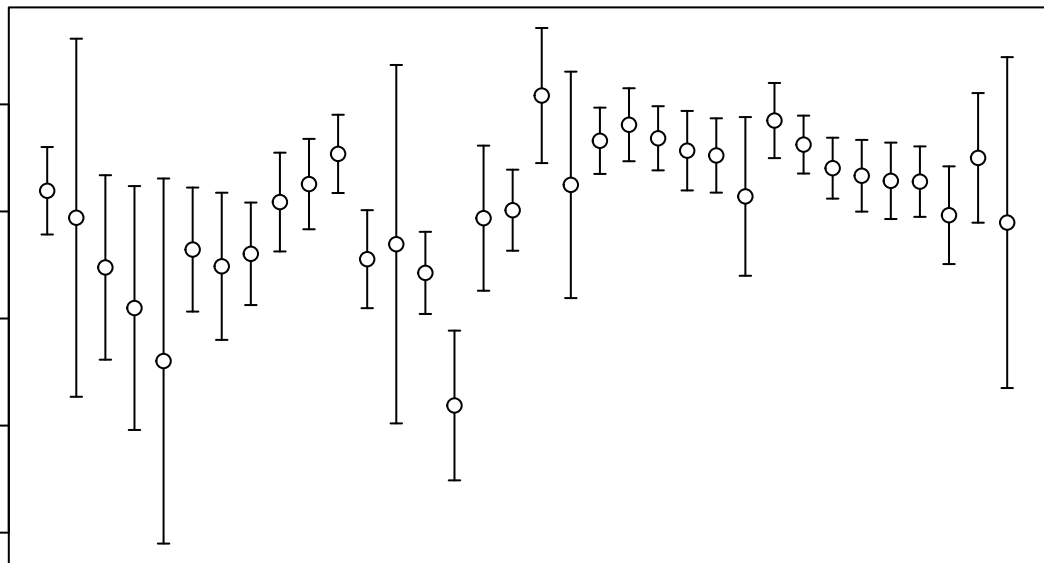
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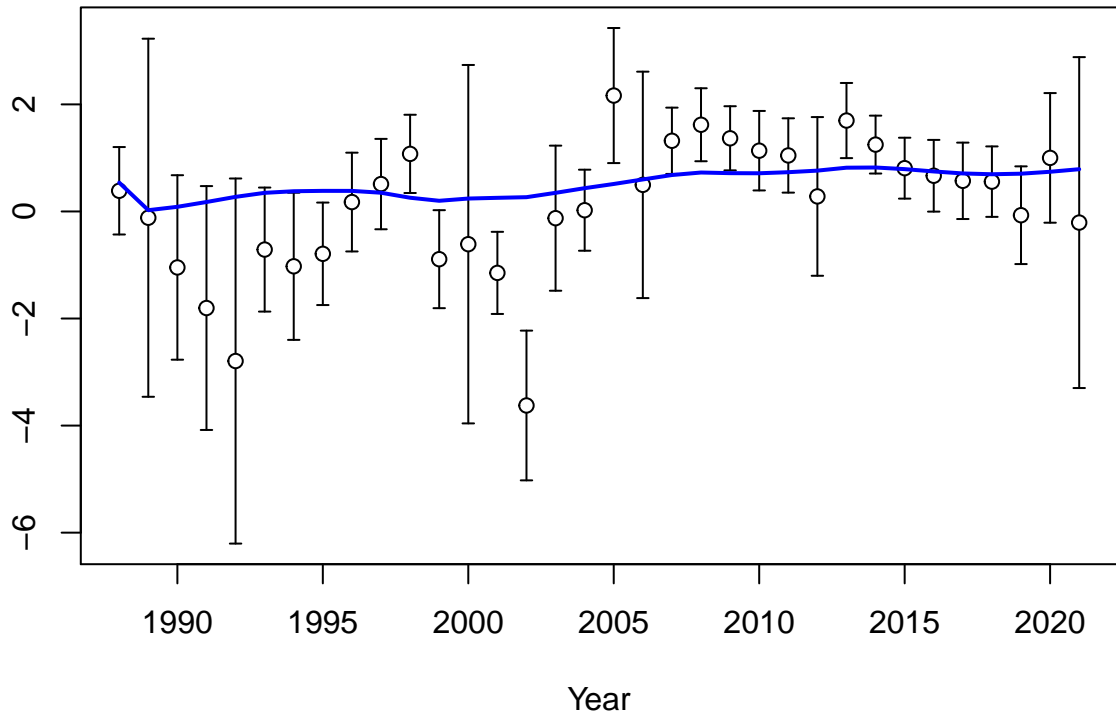
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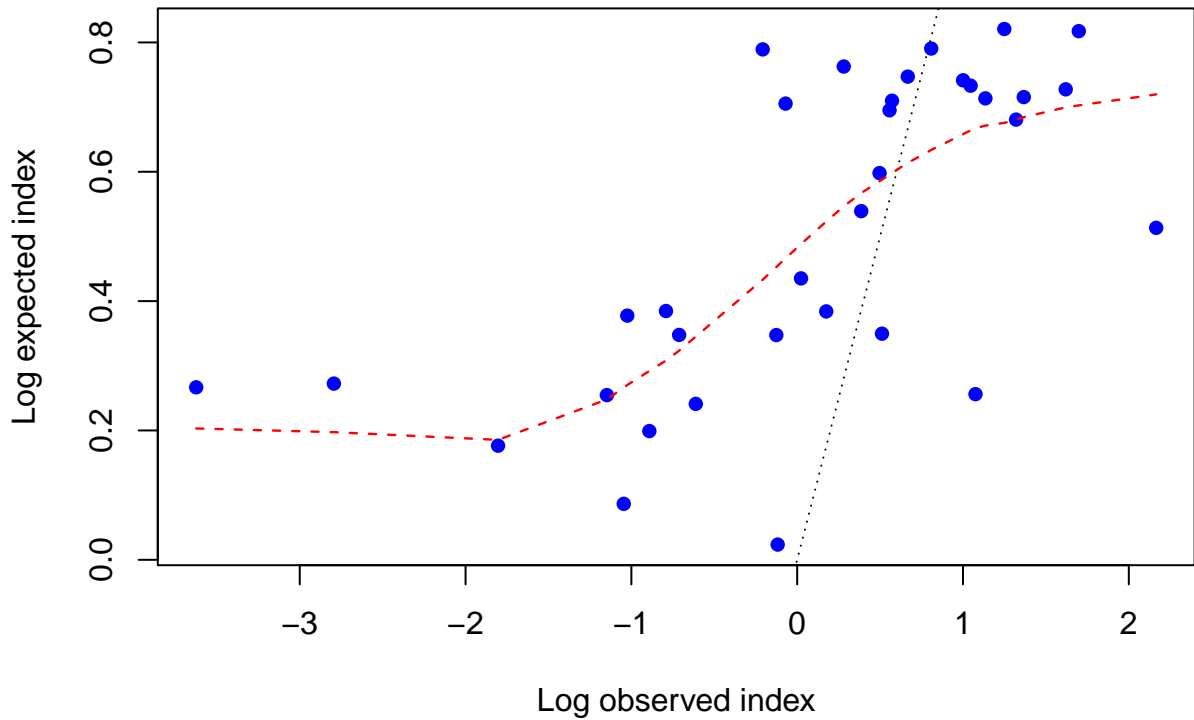
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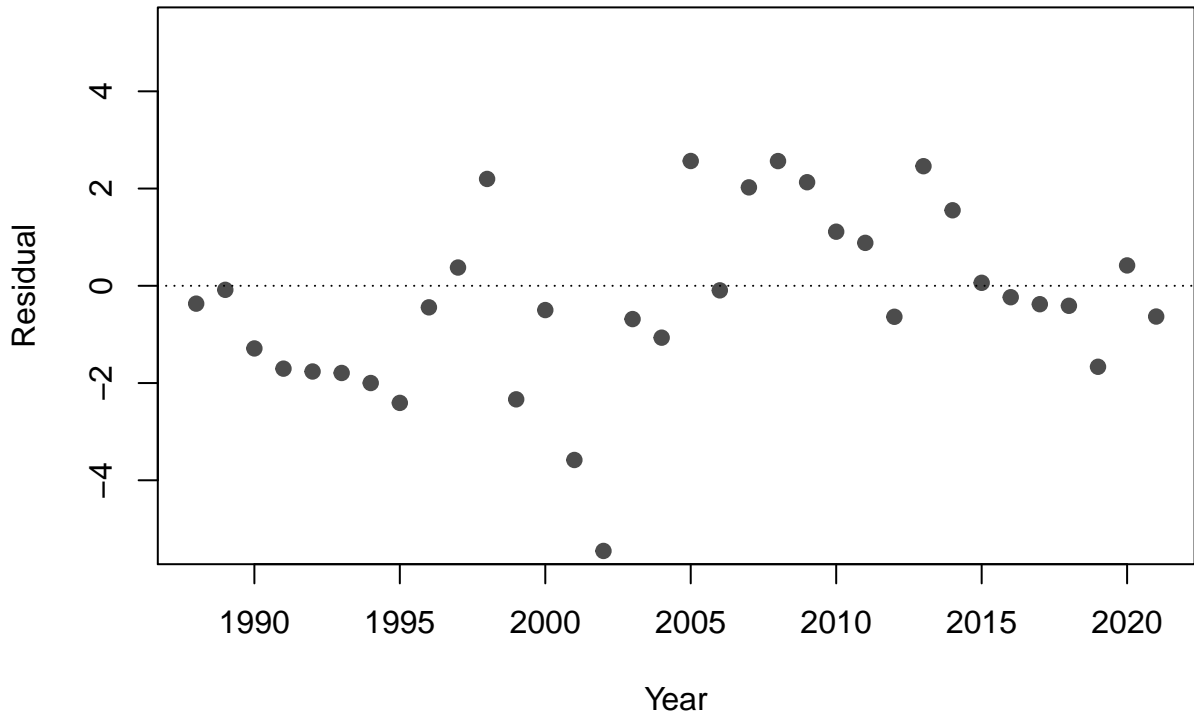
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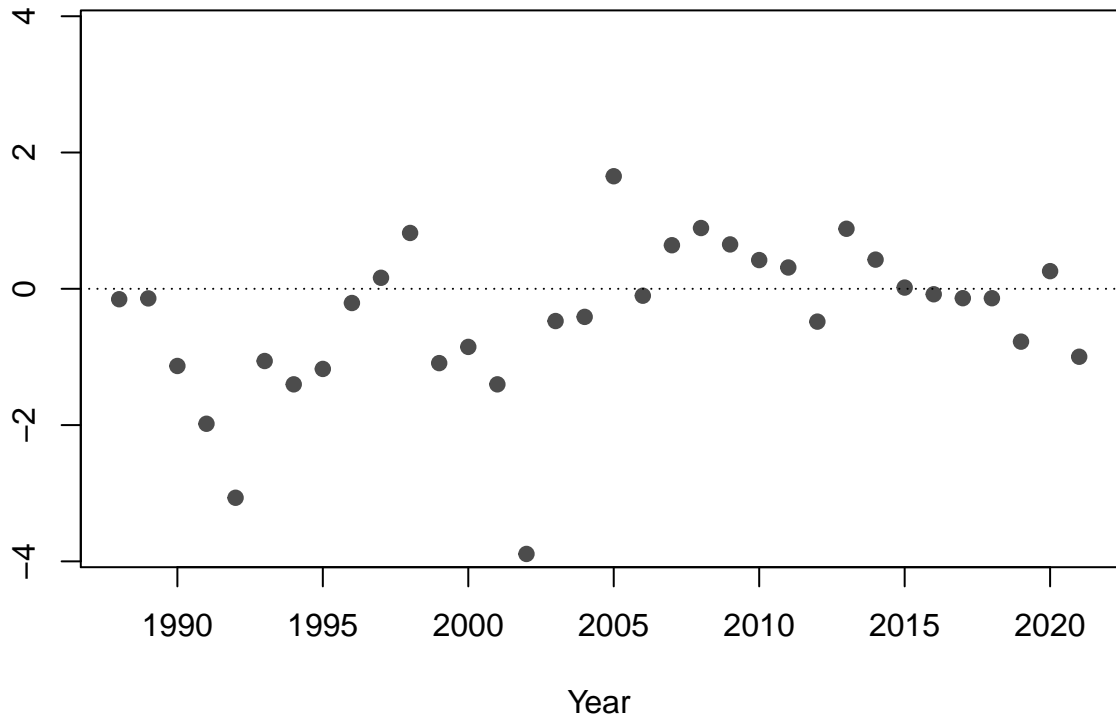
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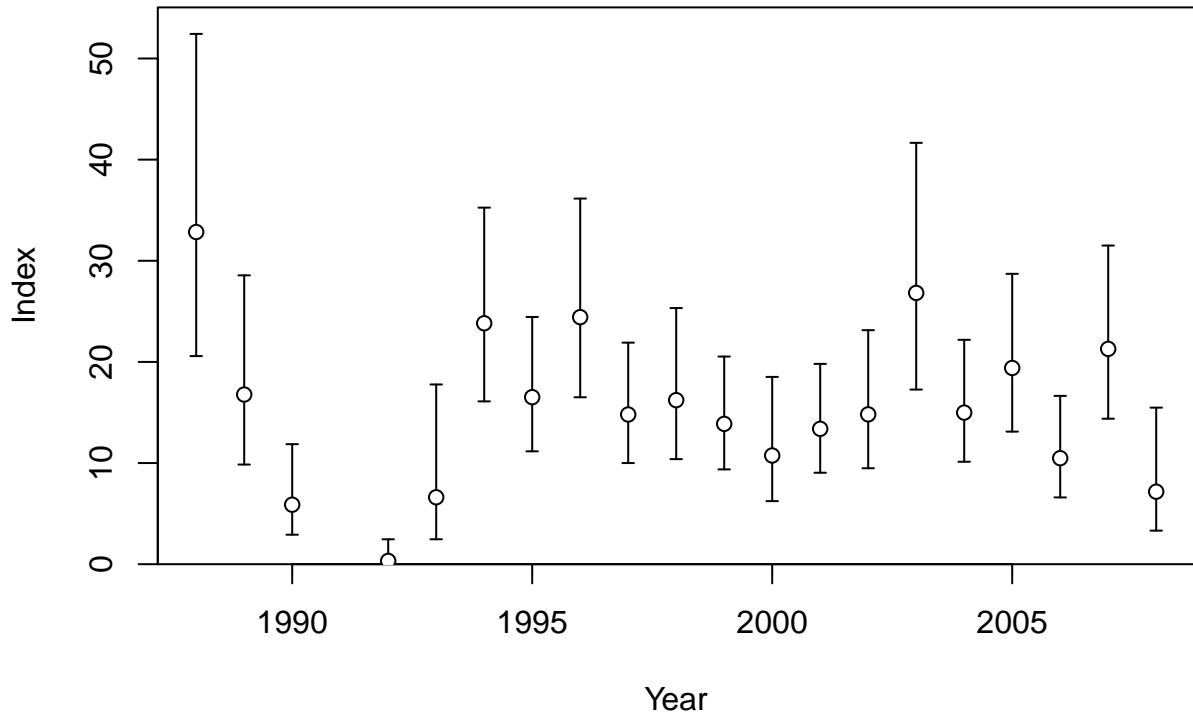


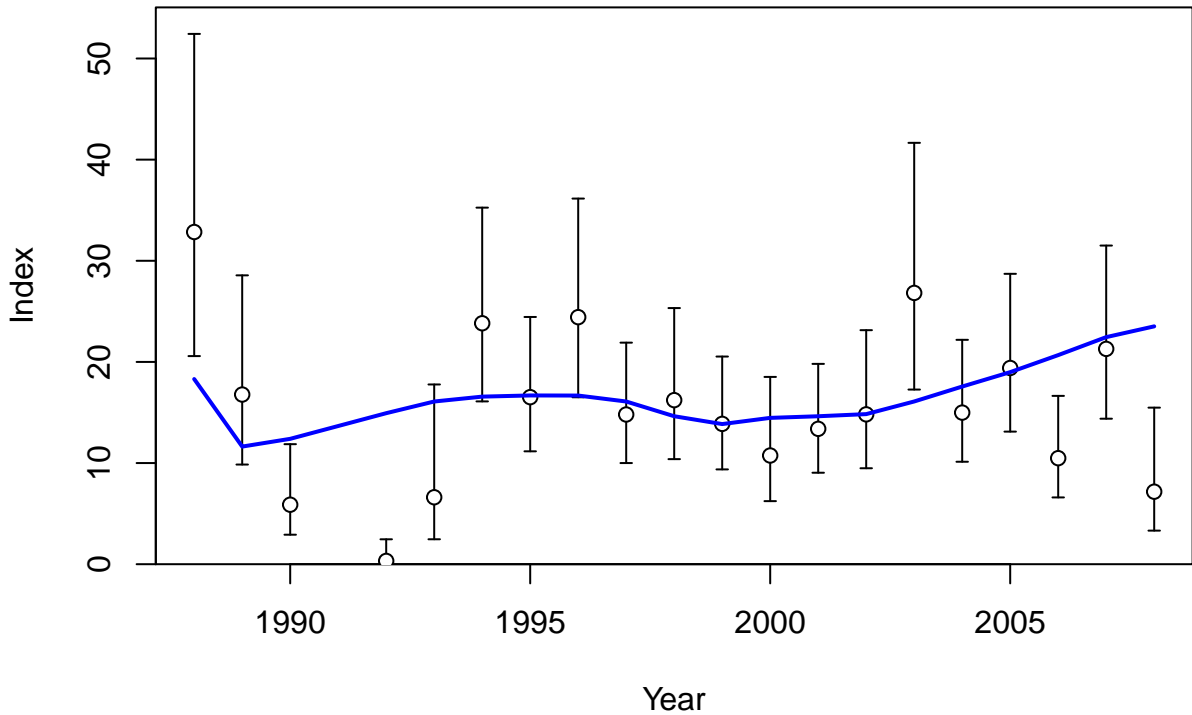


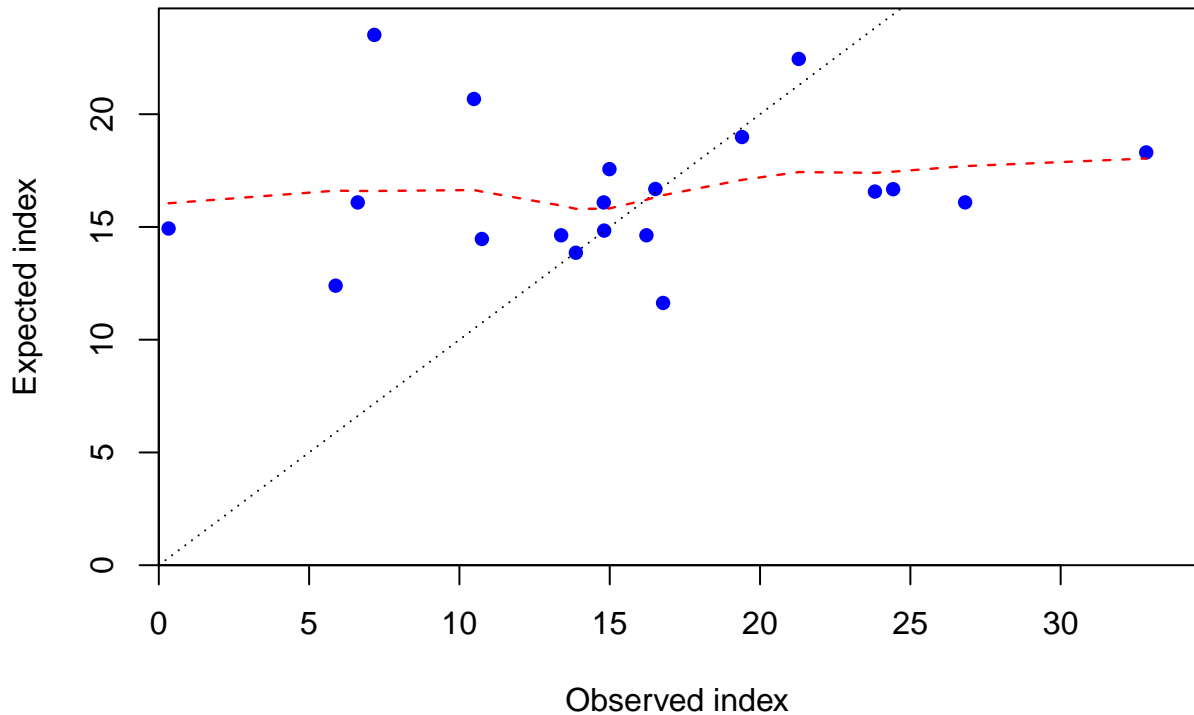


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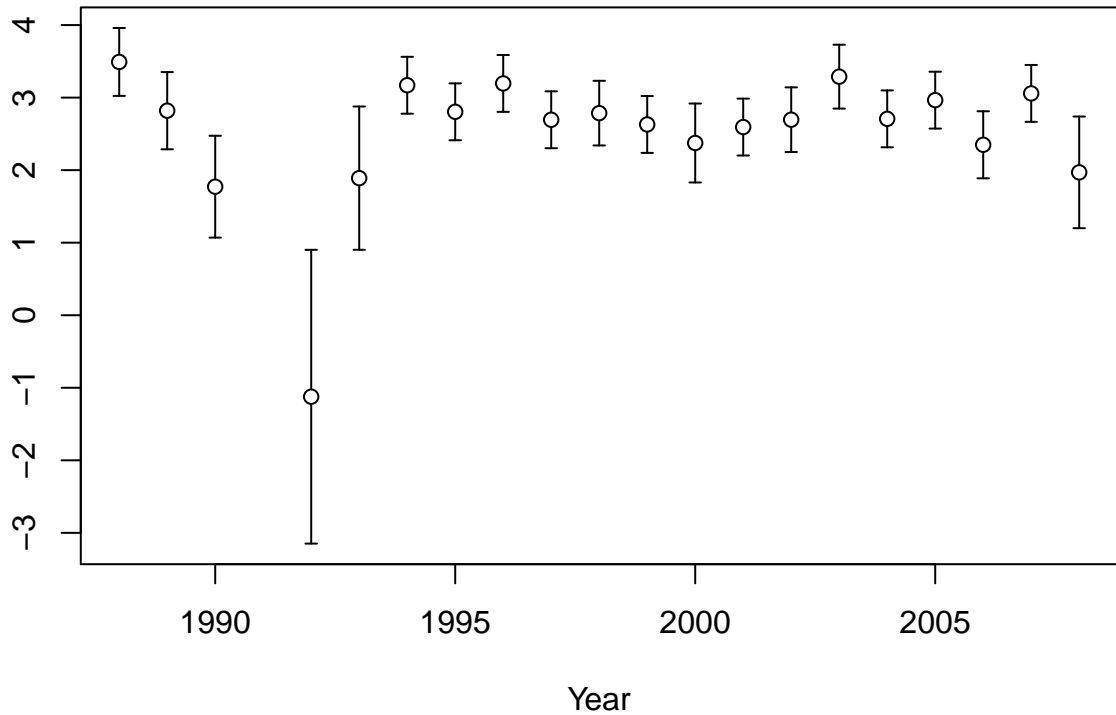




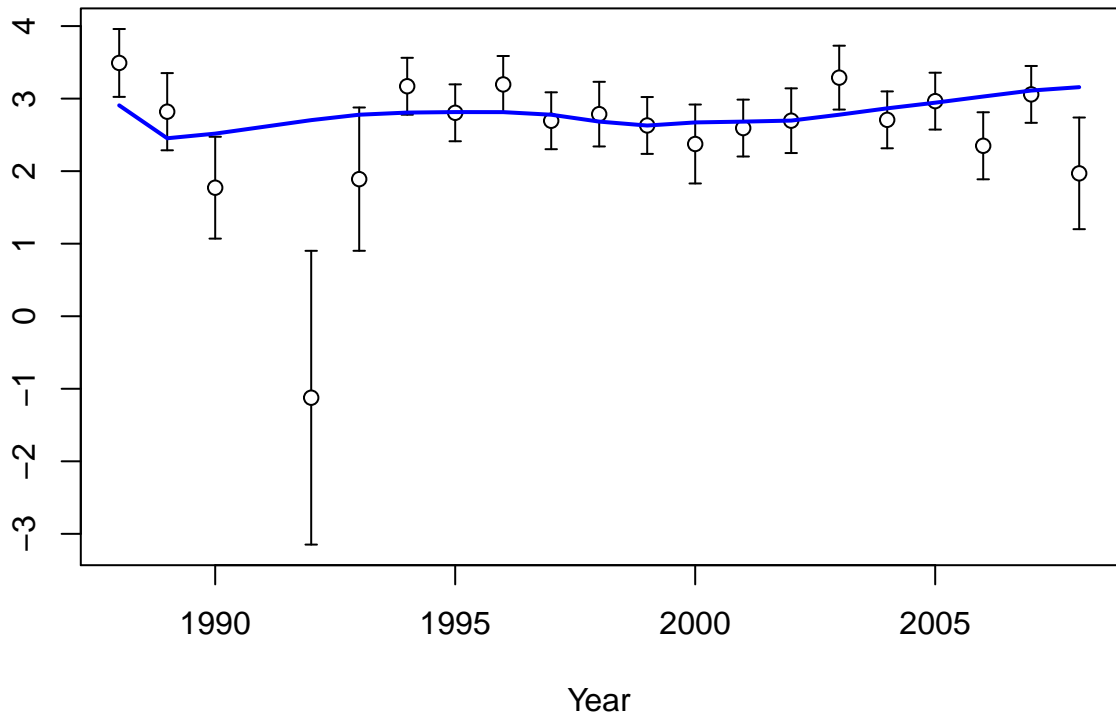


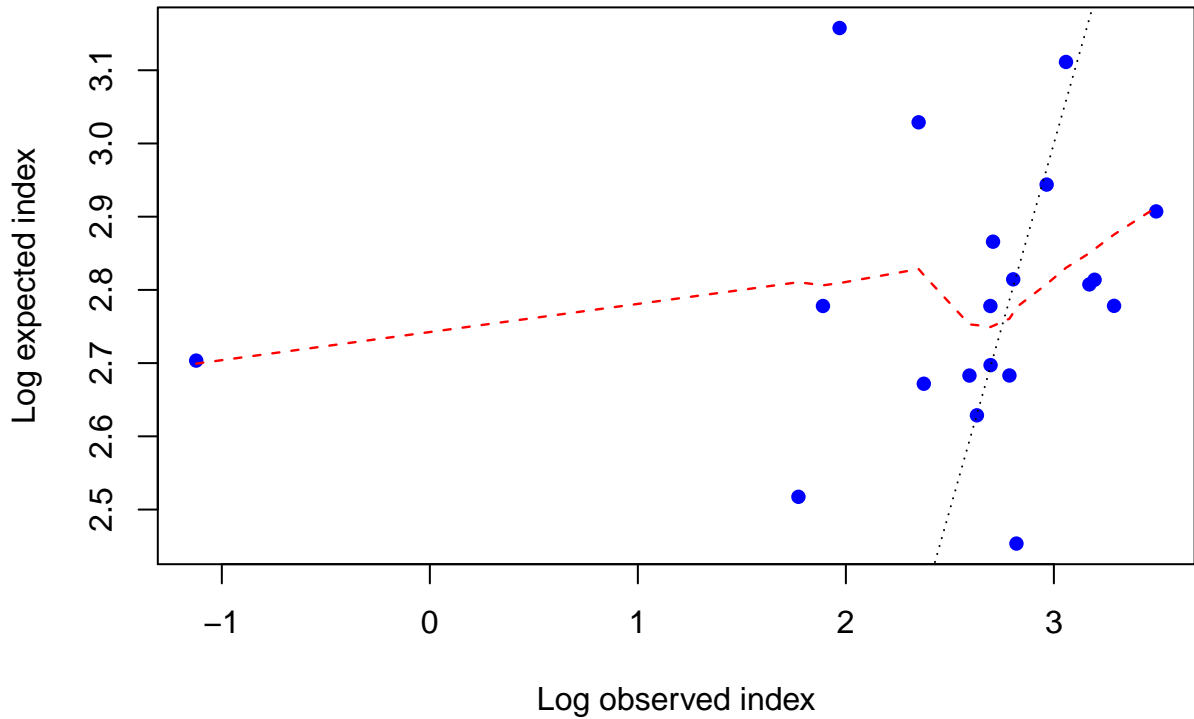


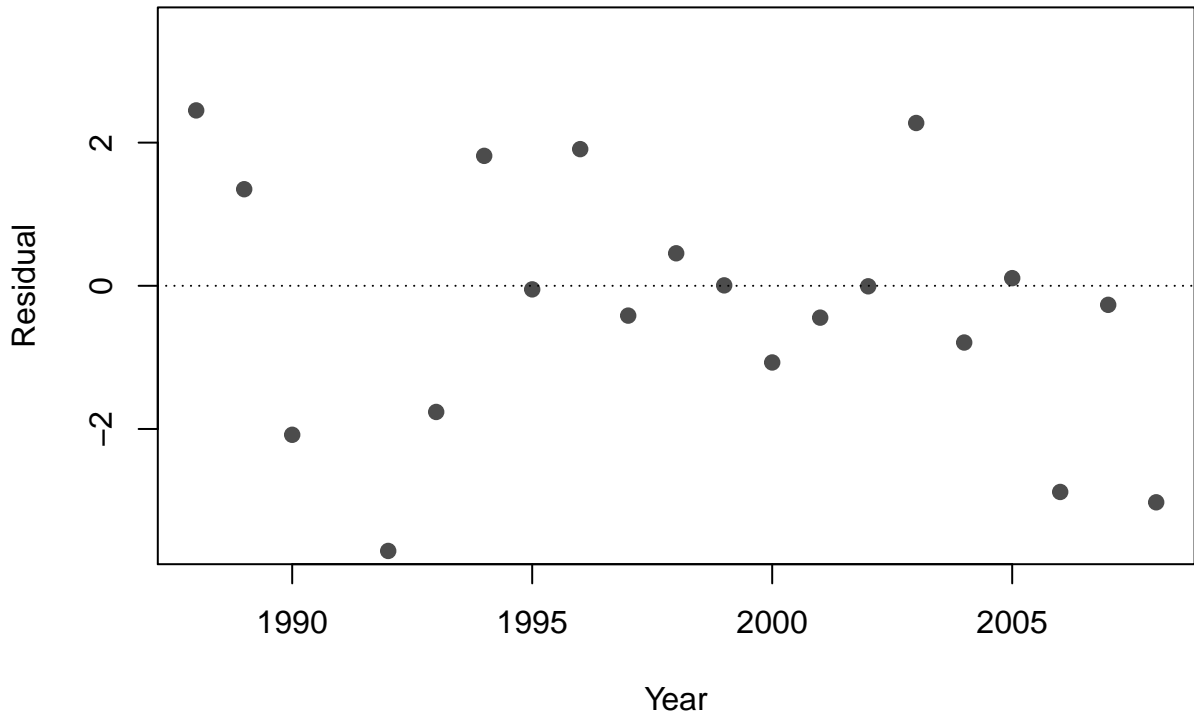
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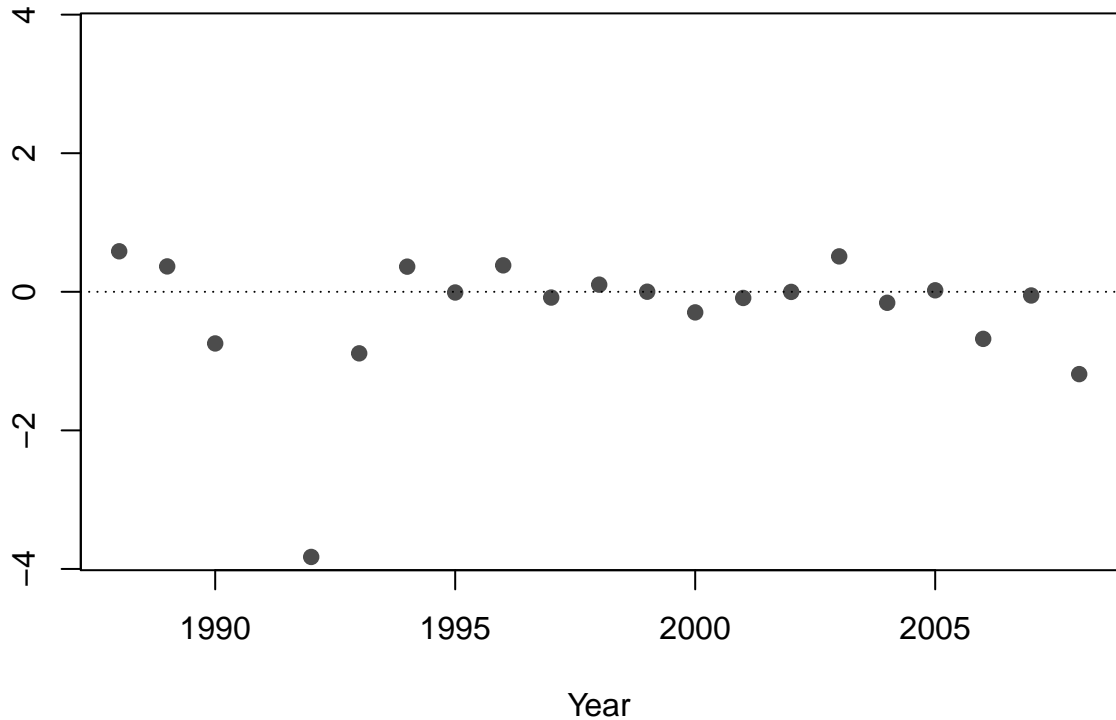
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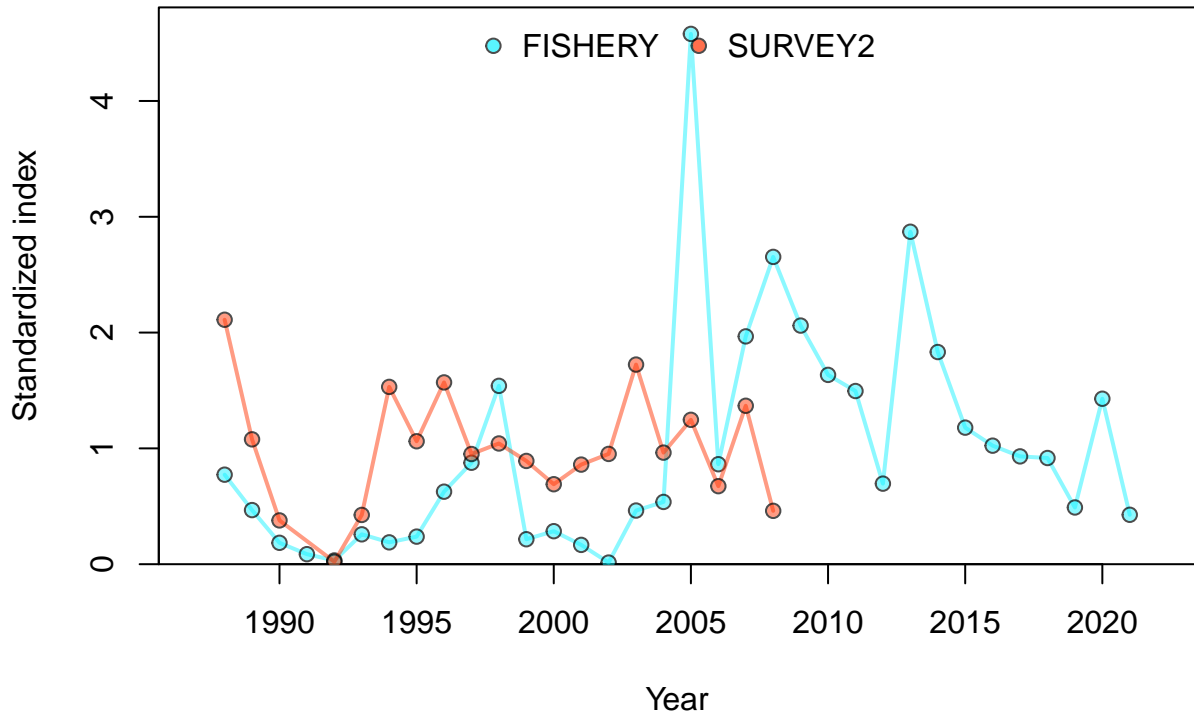


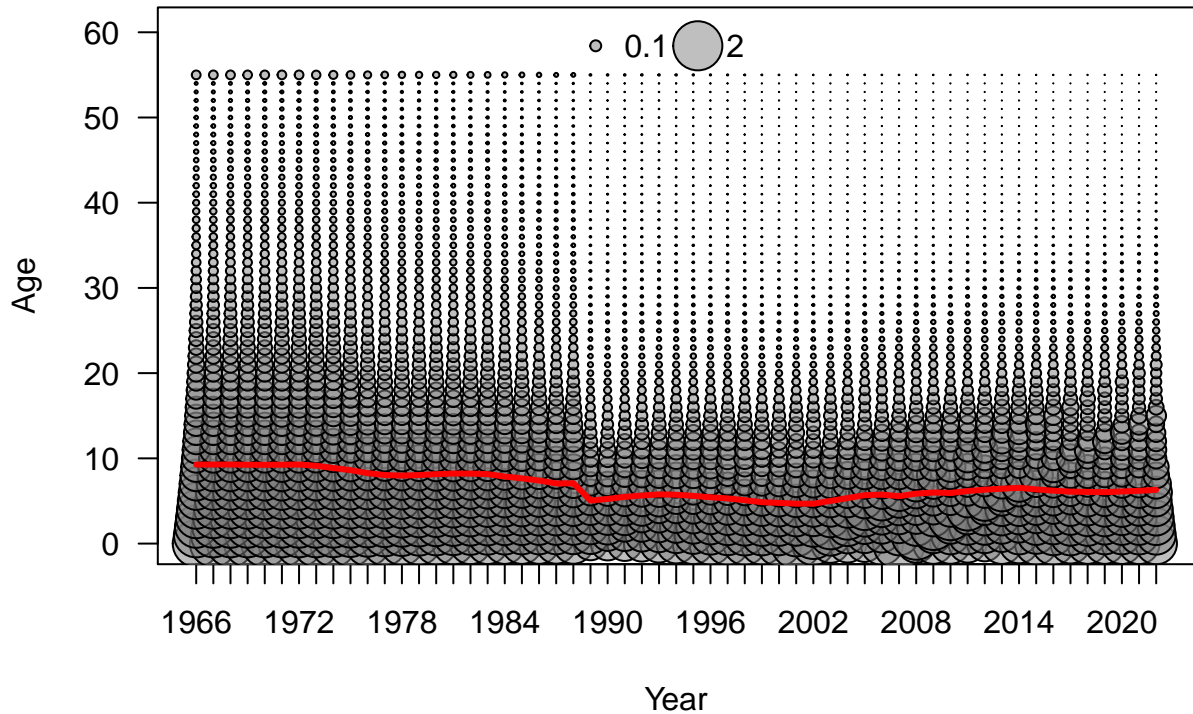


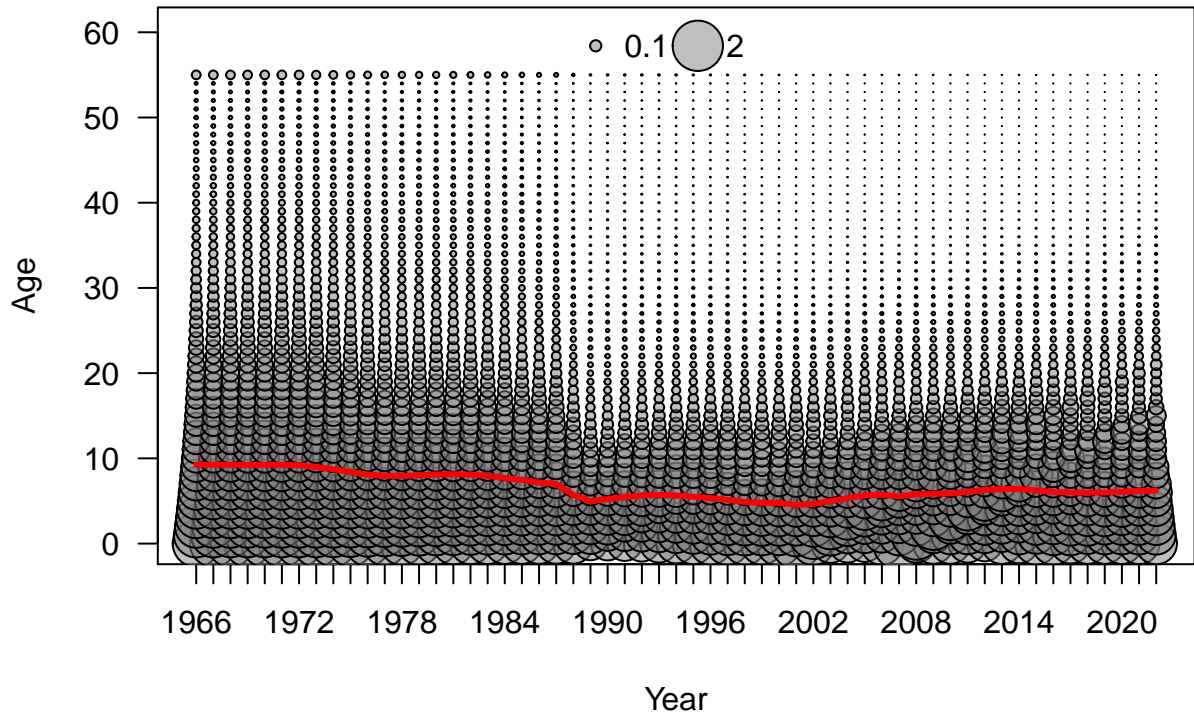


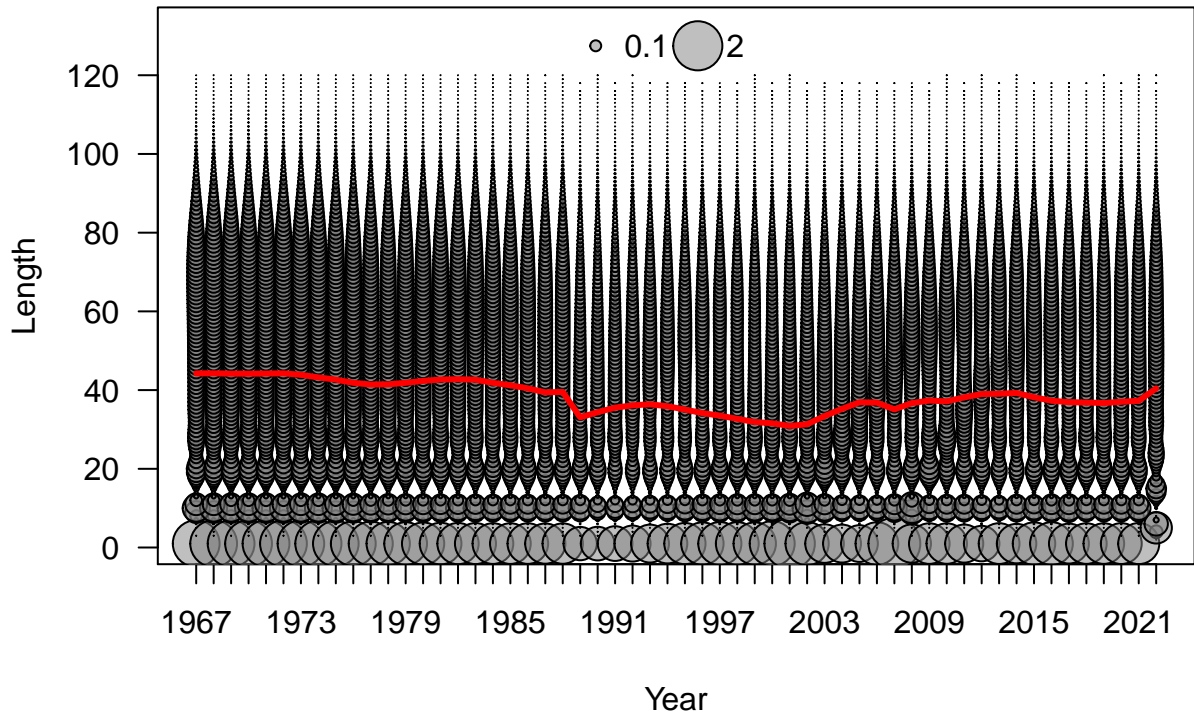
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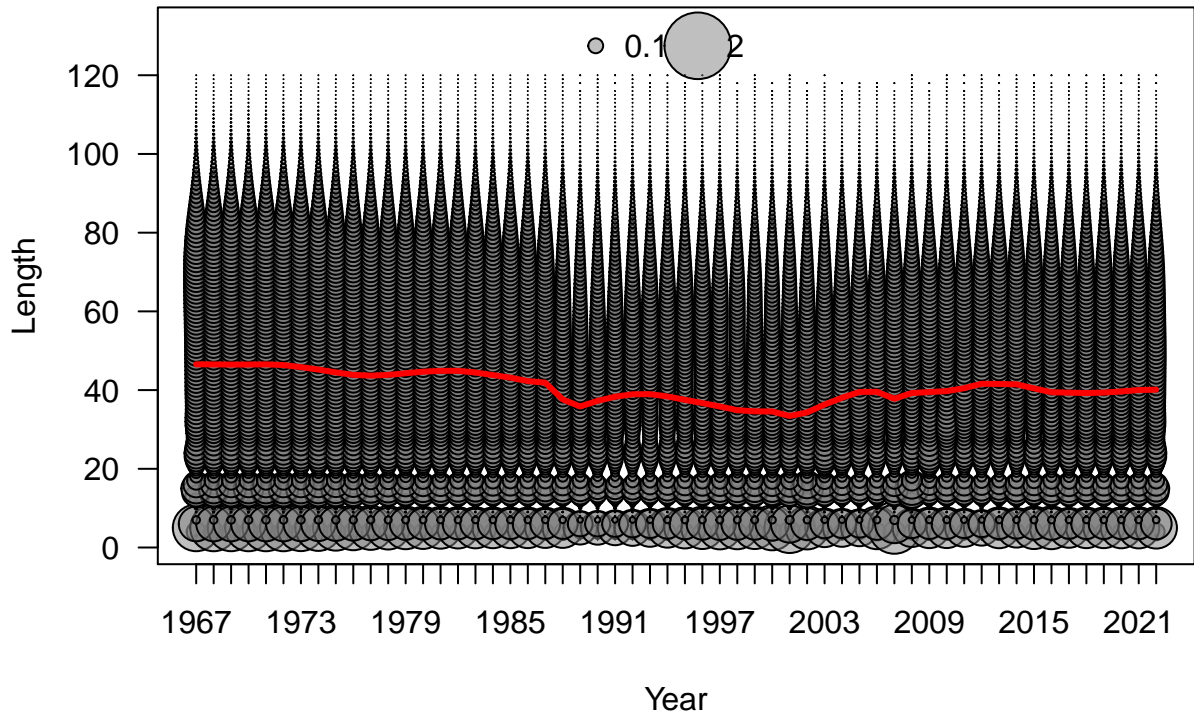


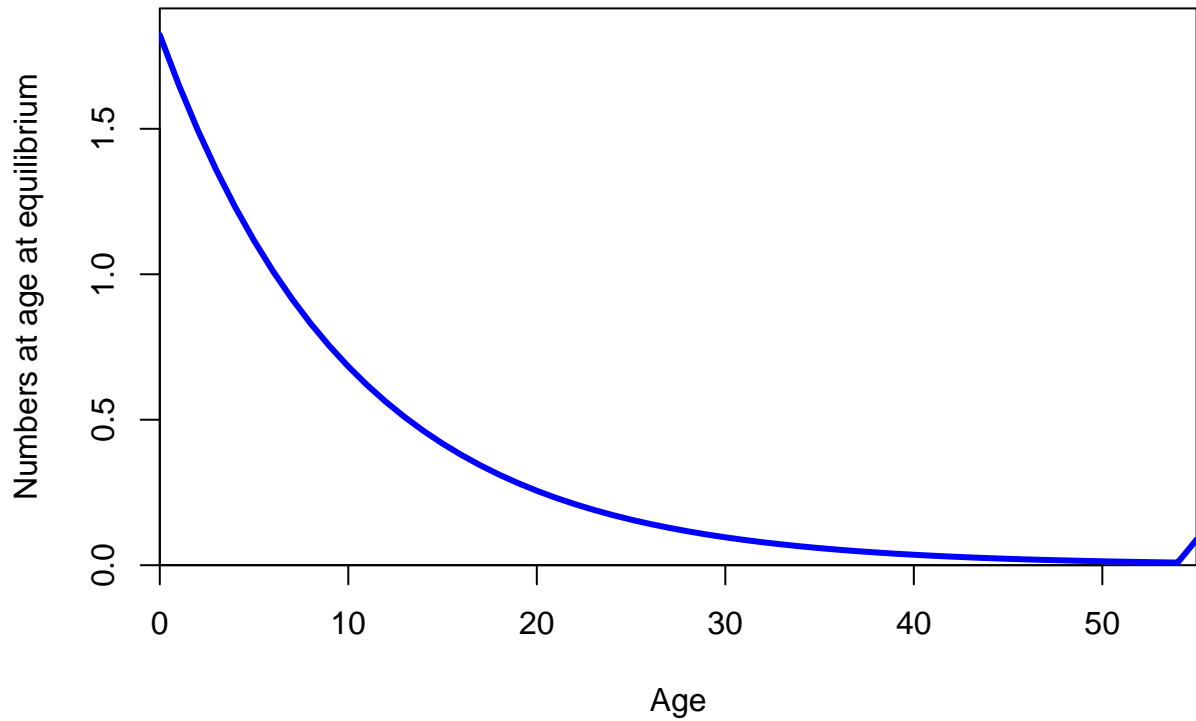






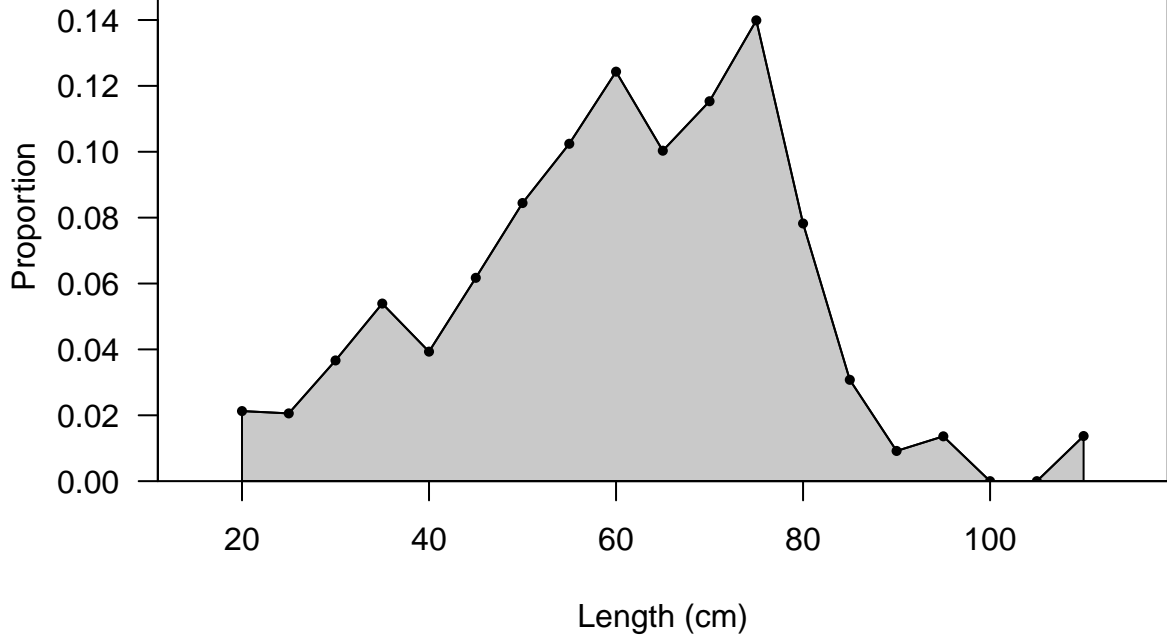






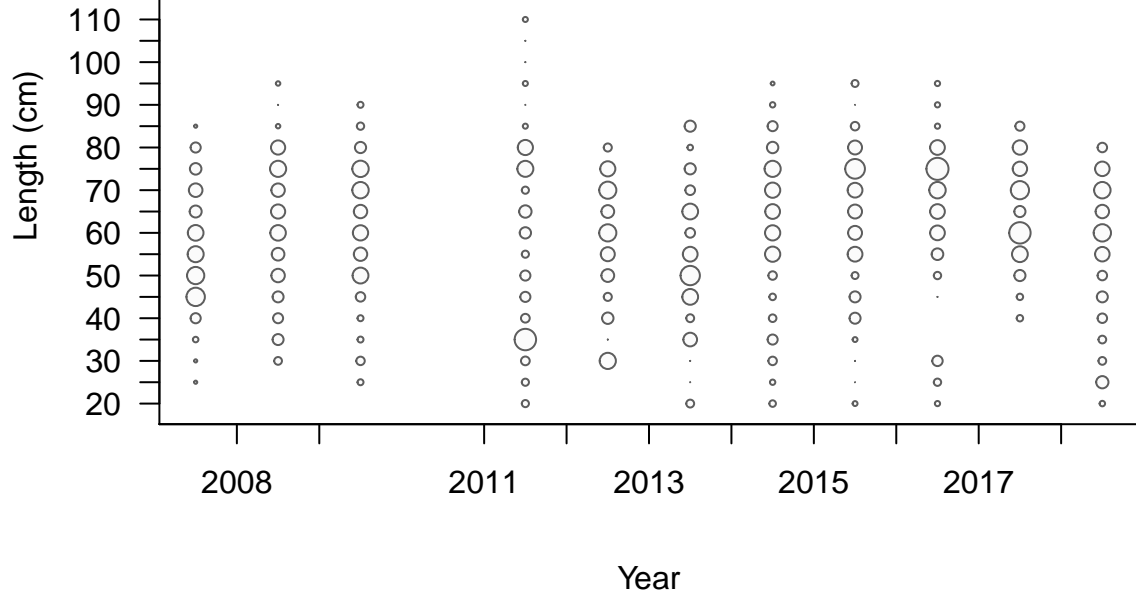
FISHERY

Sum of N adj.=285

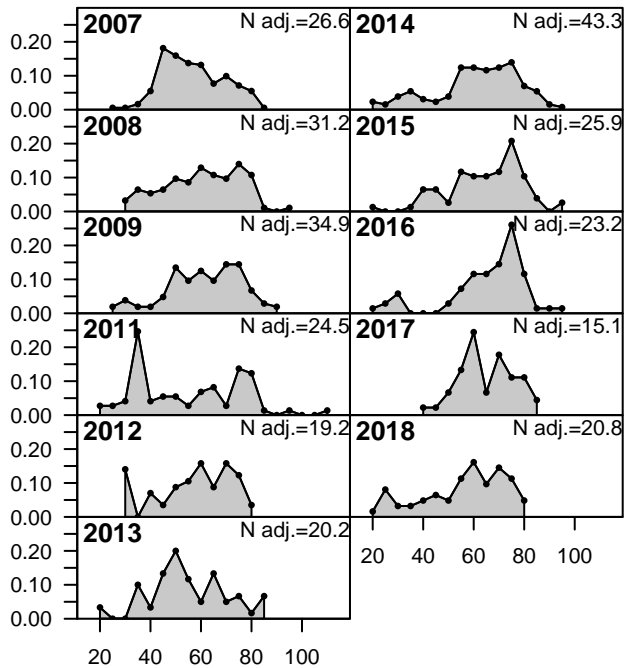


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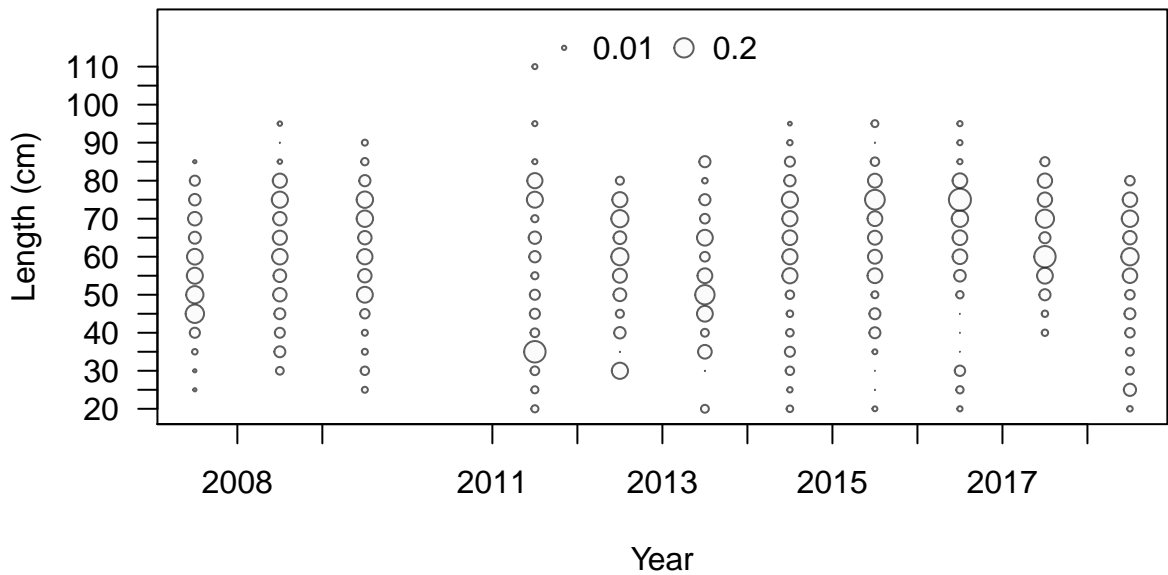
◦ 0.01 ○ 0.2



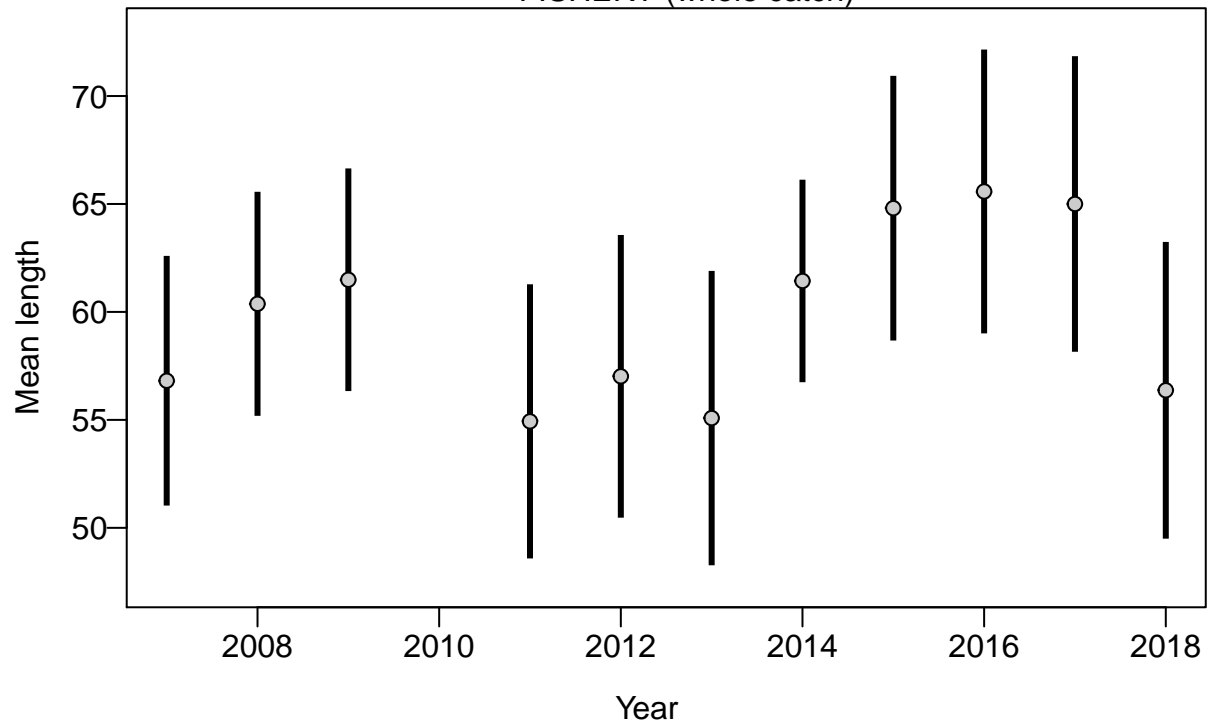
Proportion



Length (cm)

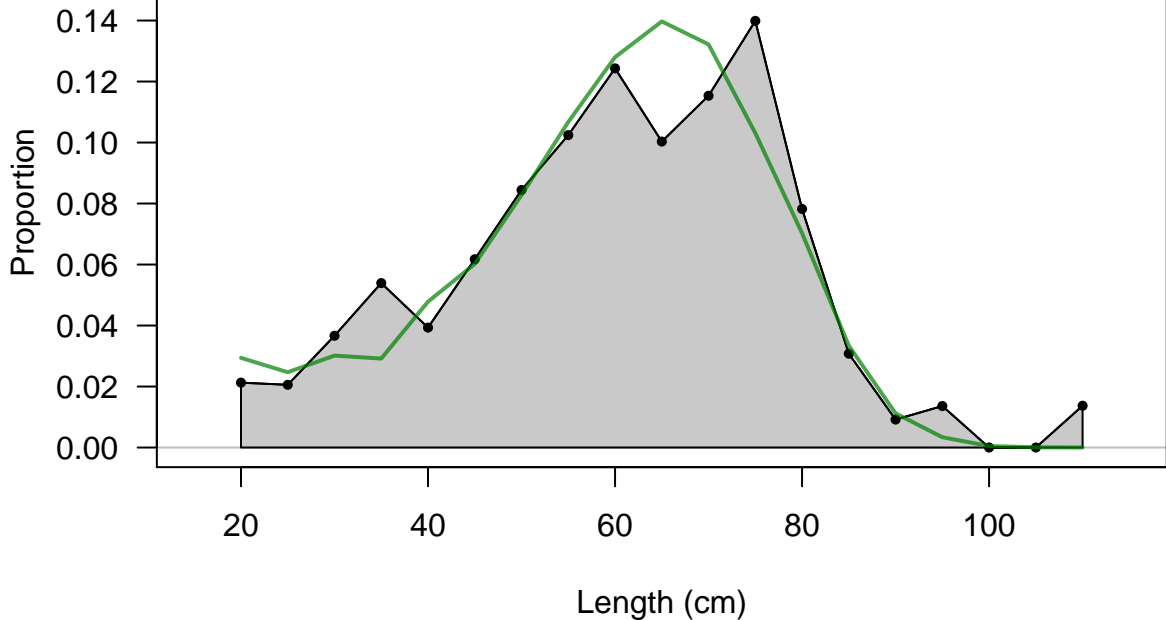


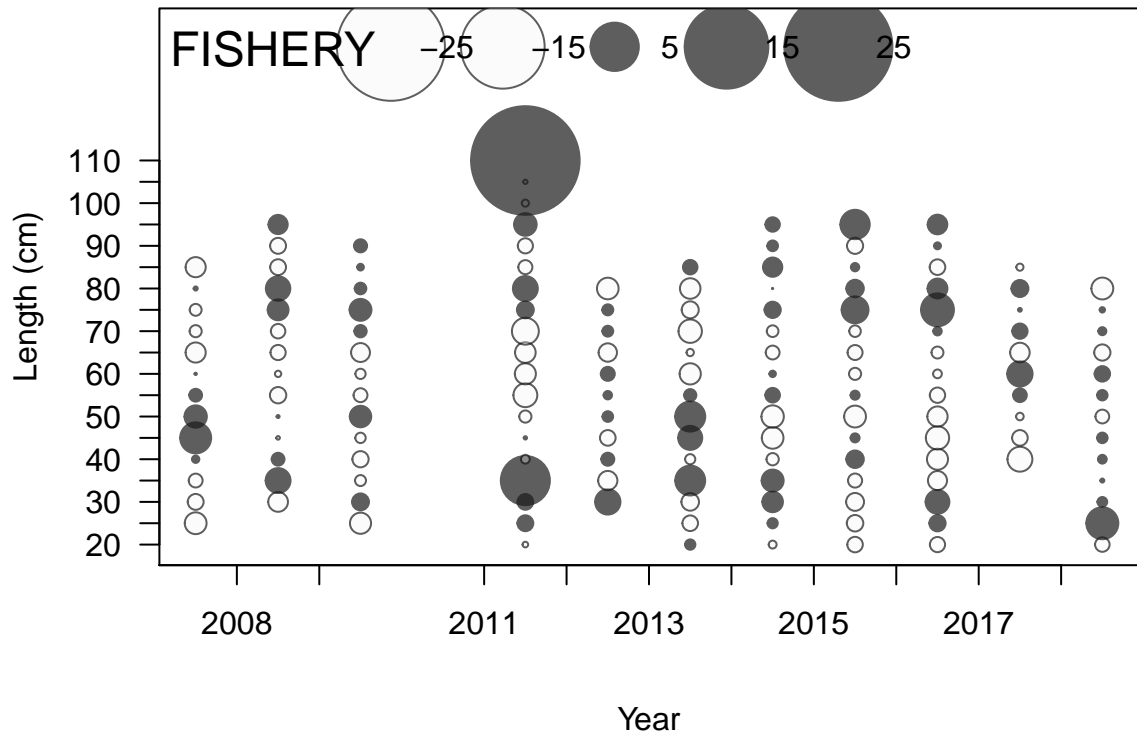
FISHERY (whole catch)



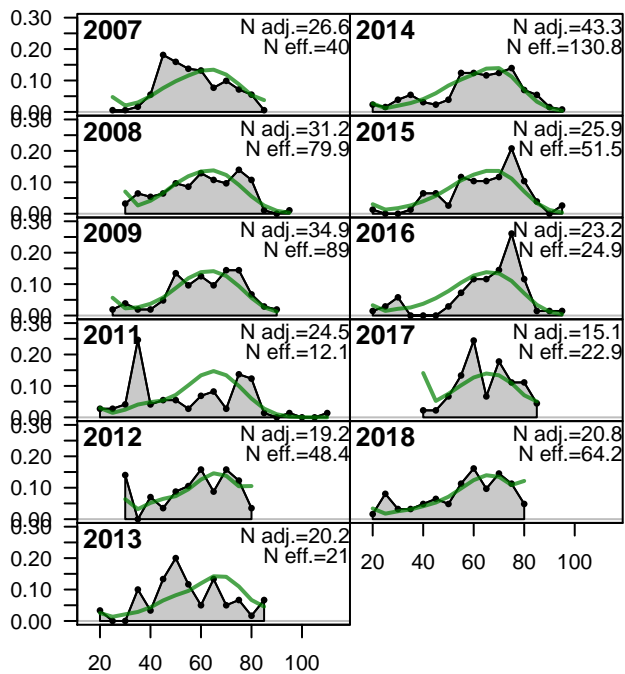
FISHERY

Sum of N adj.=285
Sum of N eff.=584.7

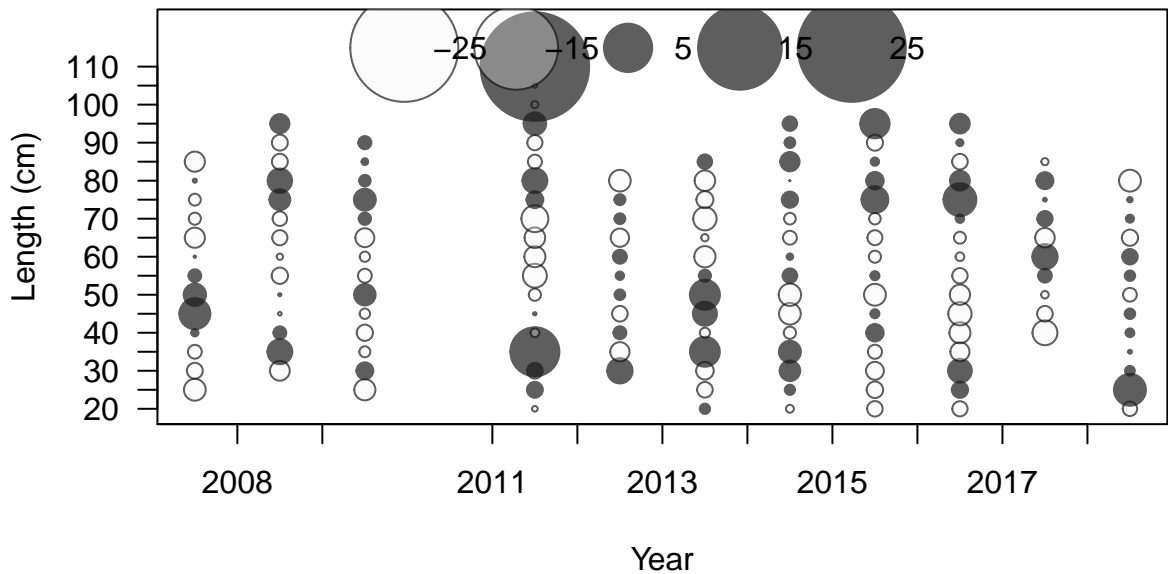




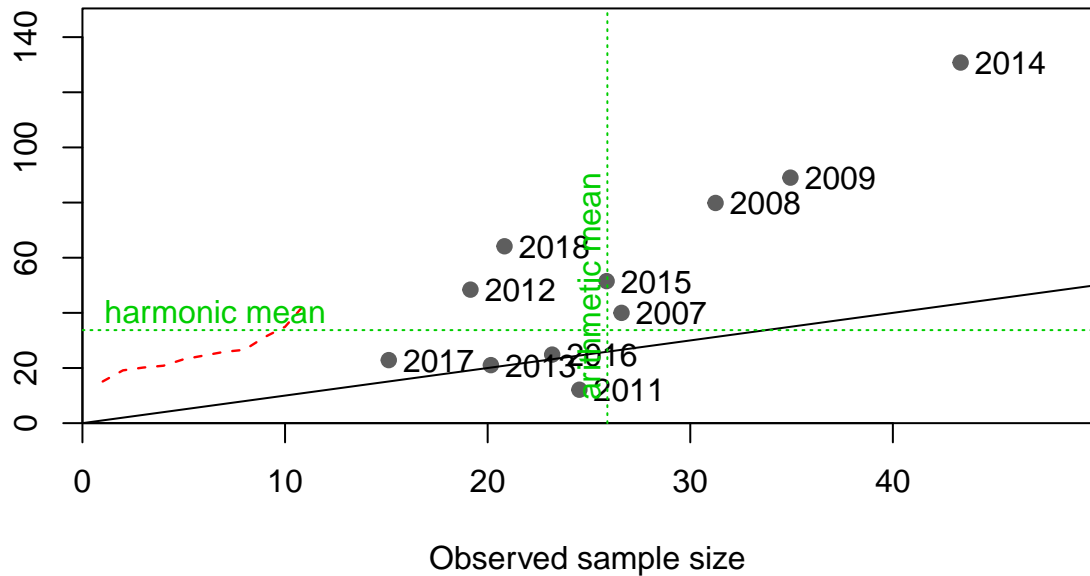
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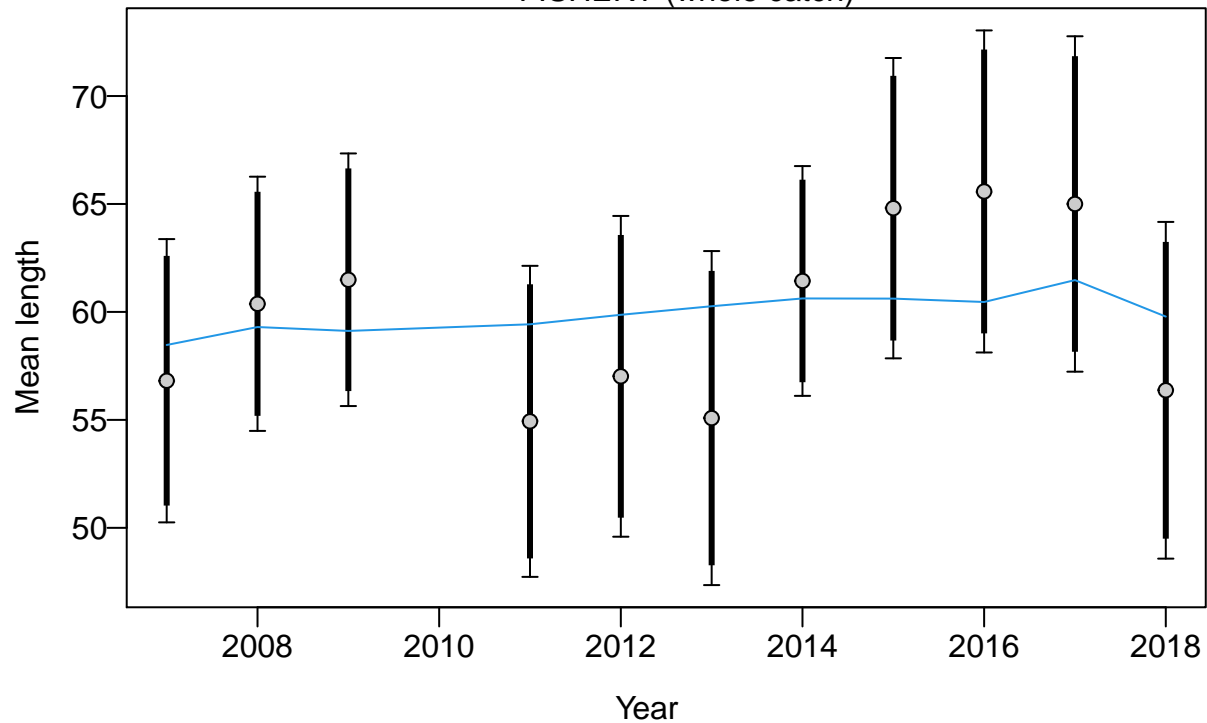
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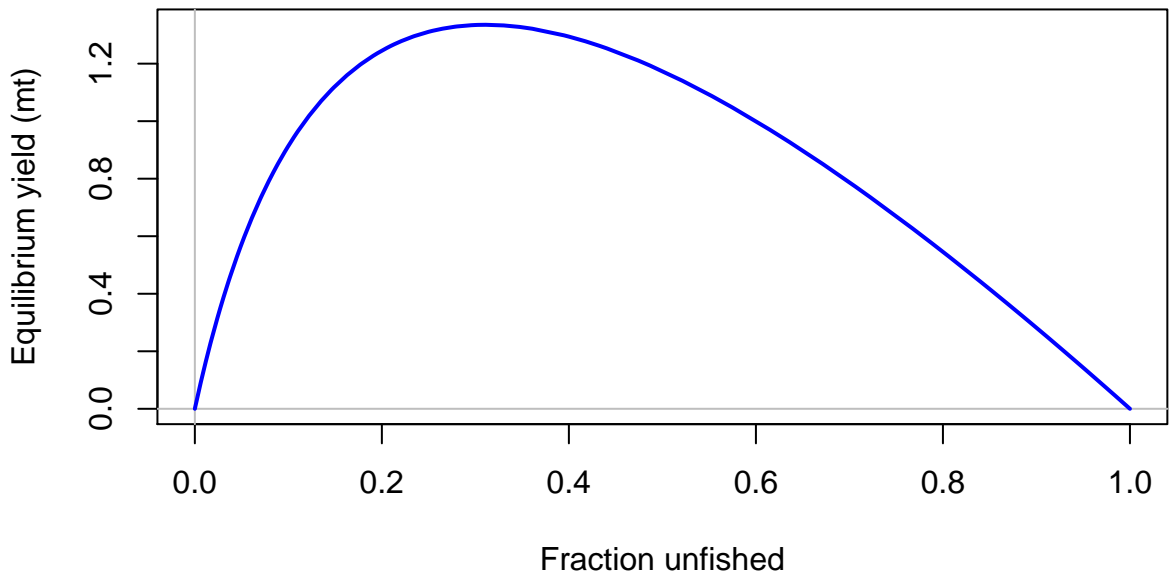


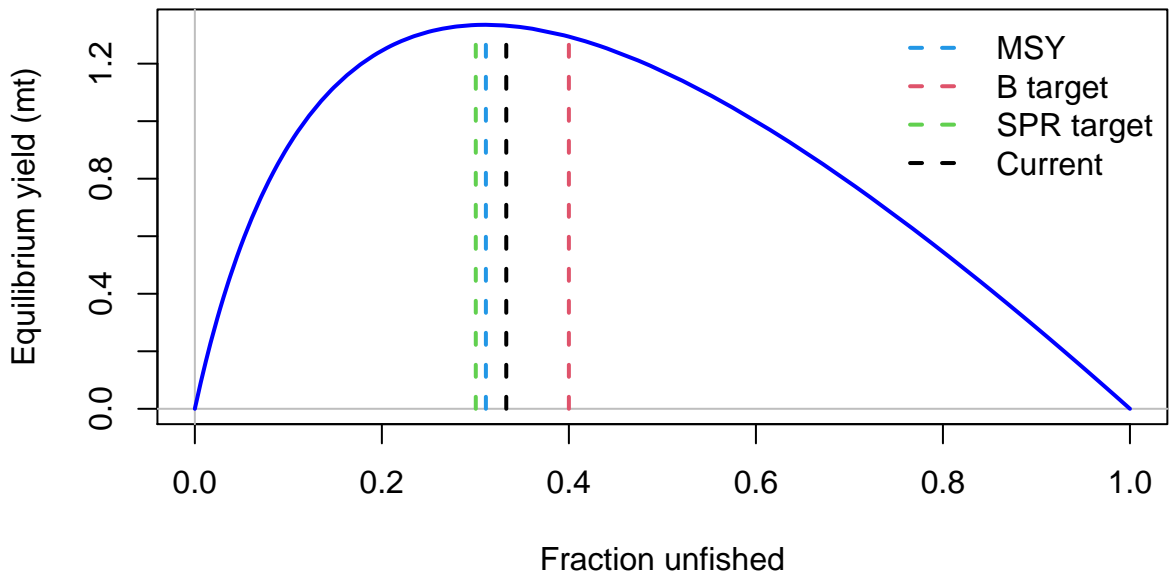
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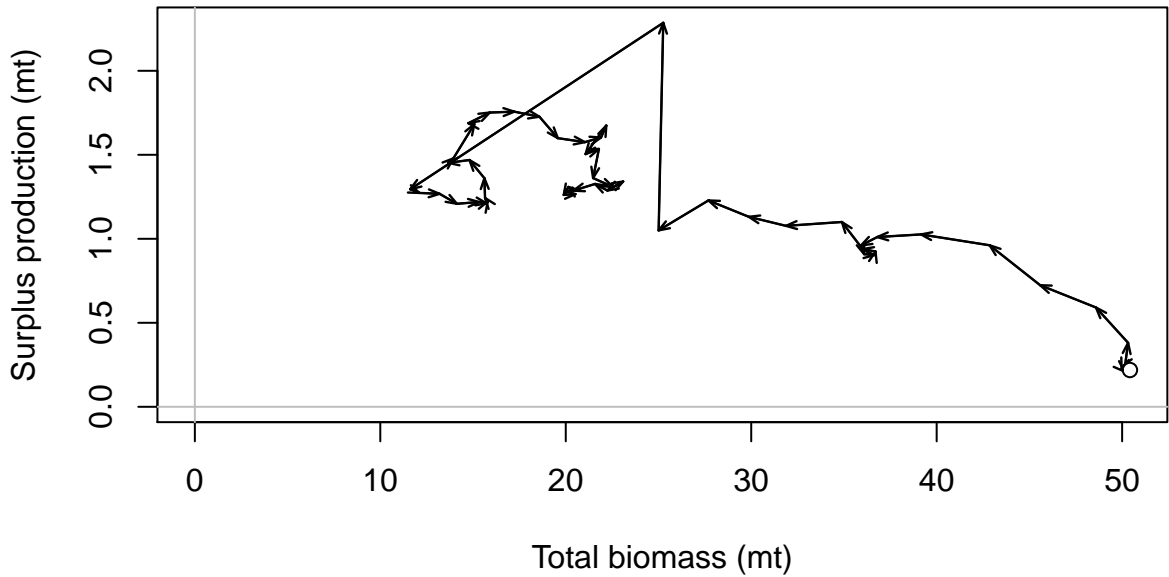


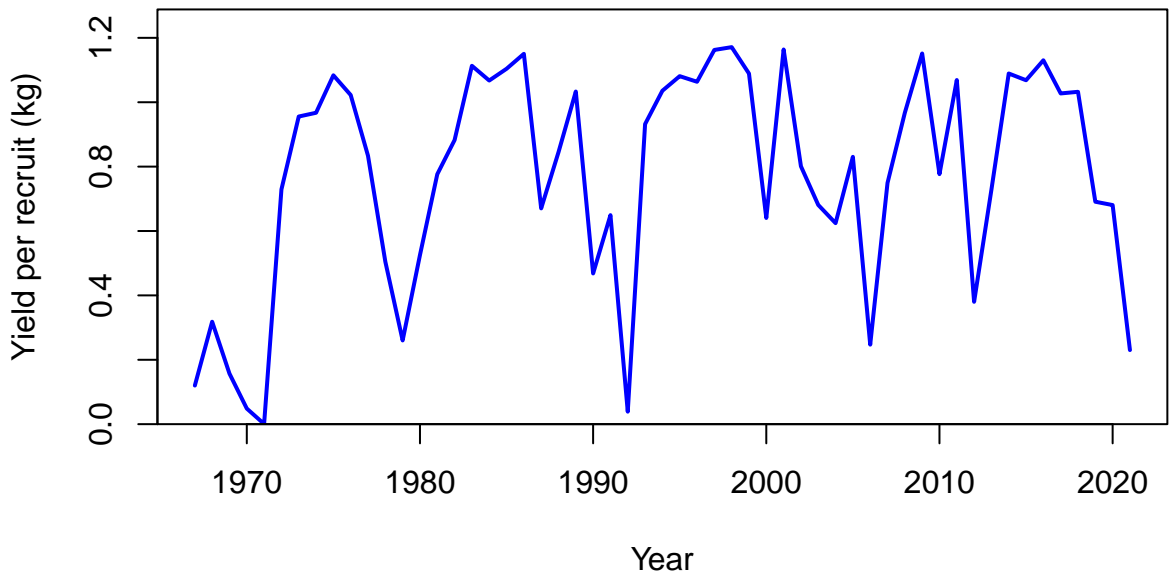
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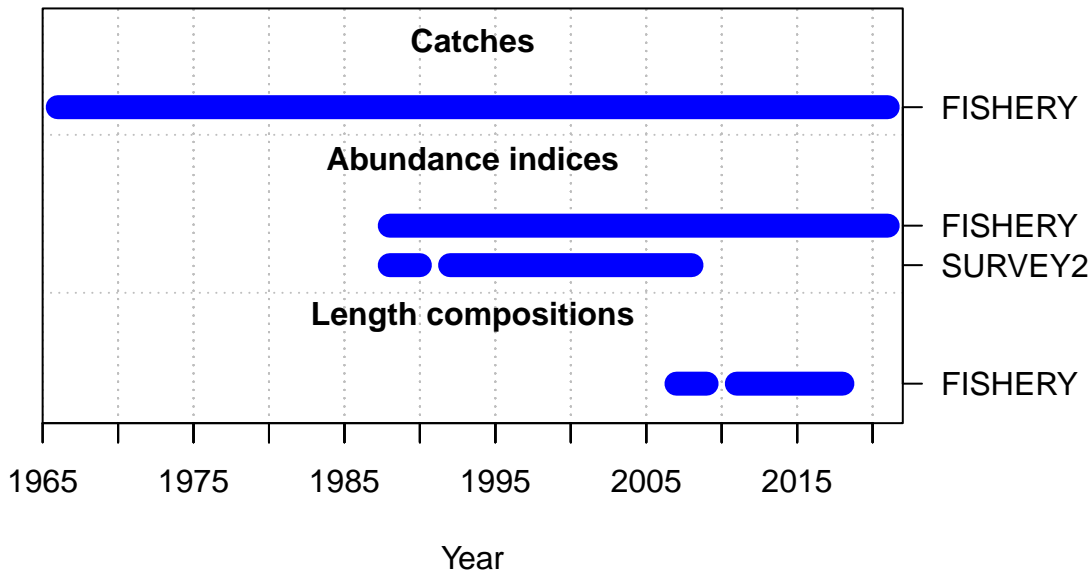


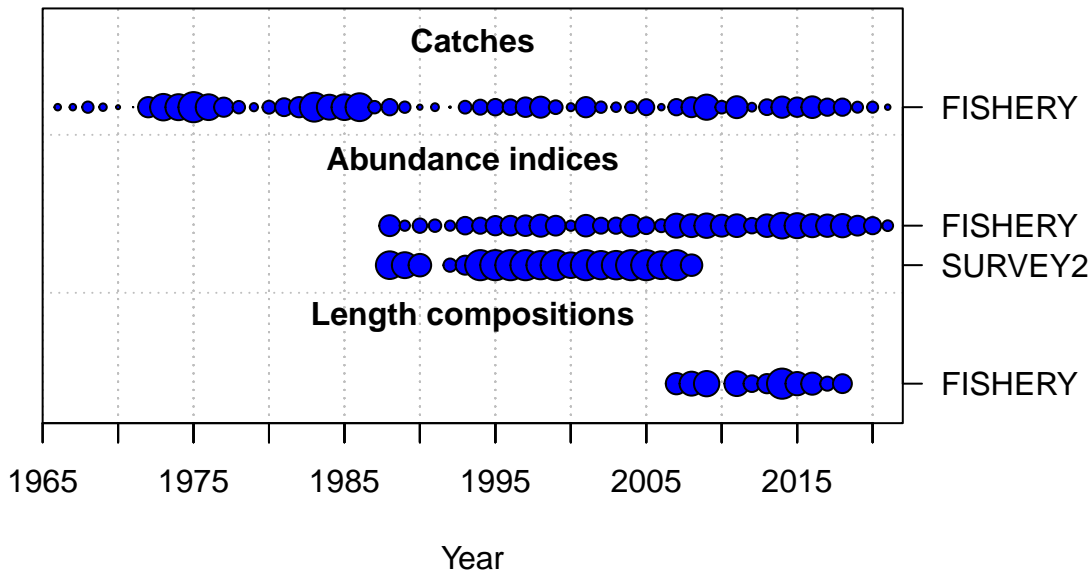




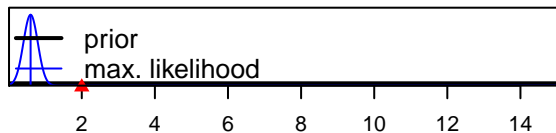




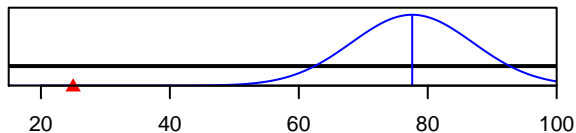




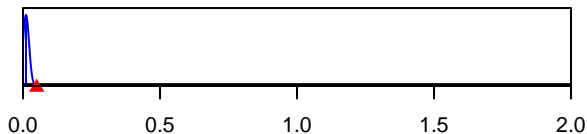
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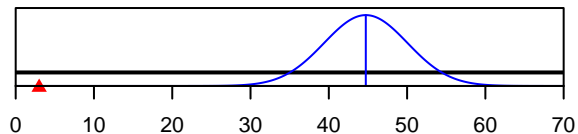
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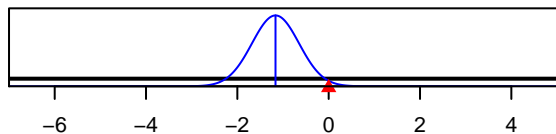
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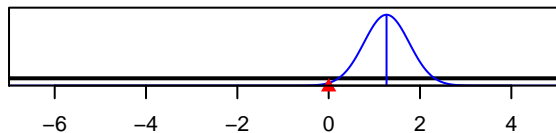
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)



Parameter value