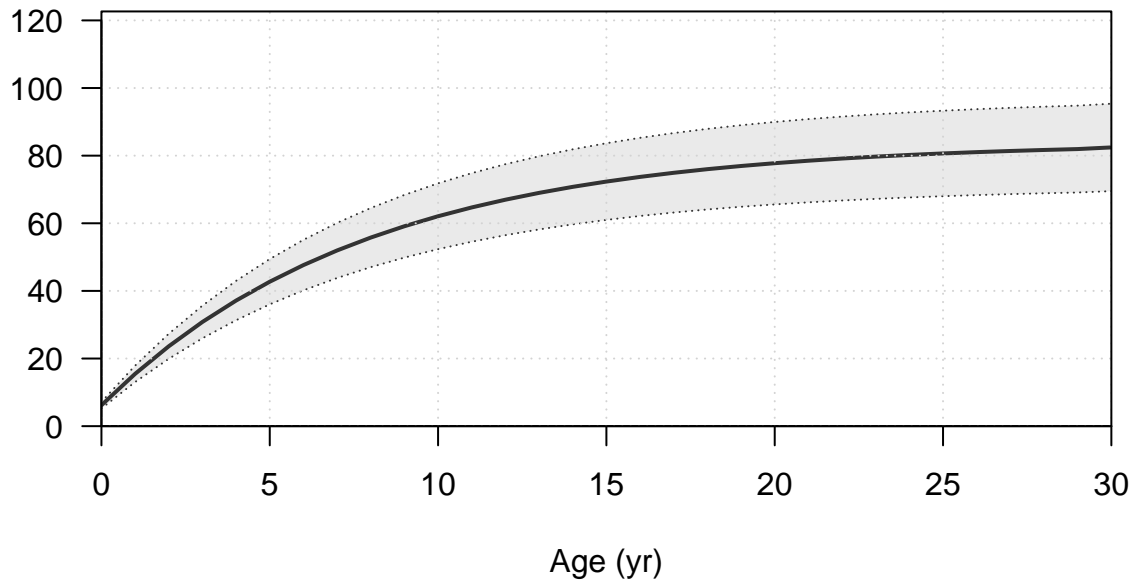
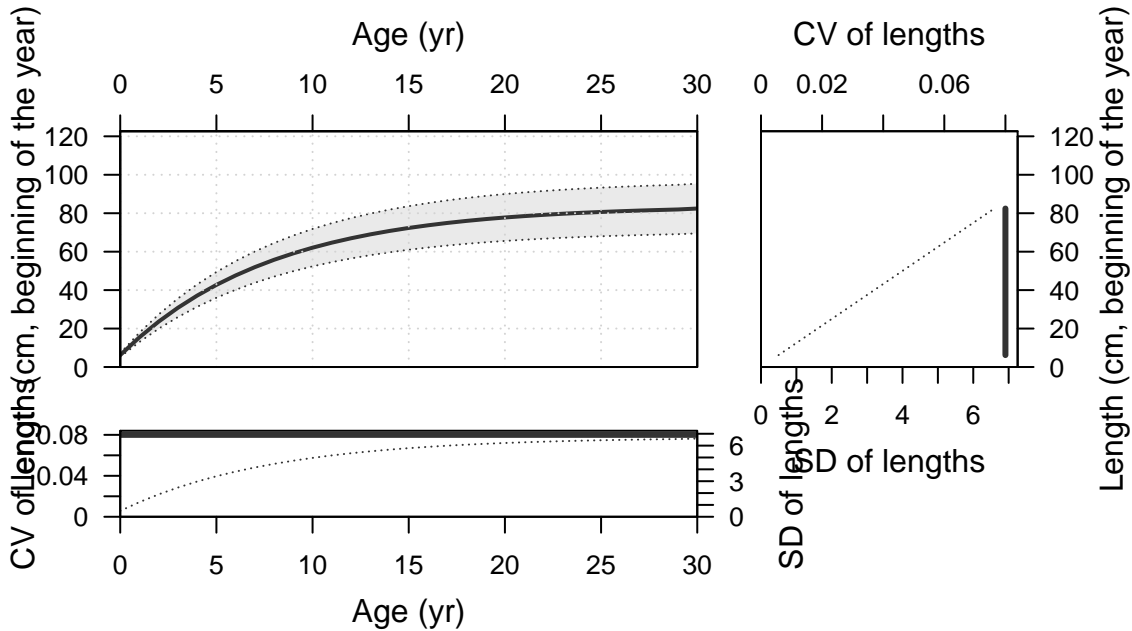
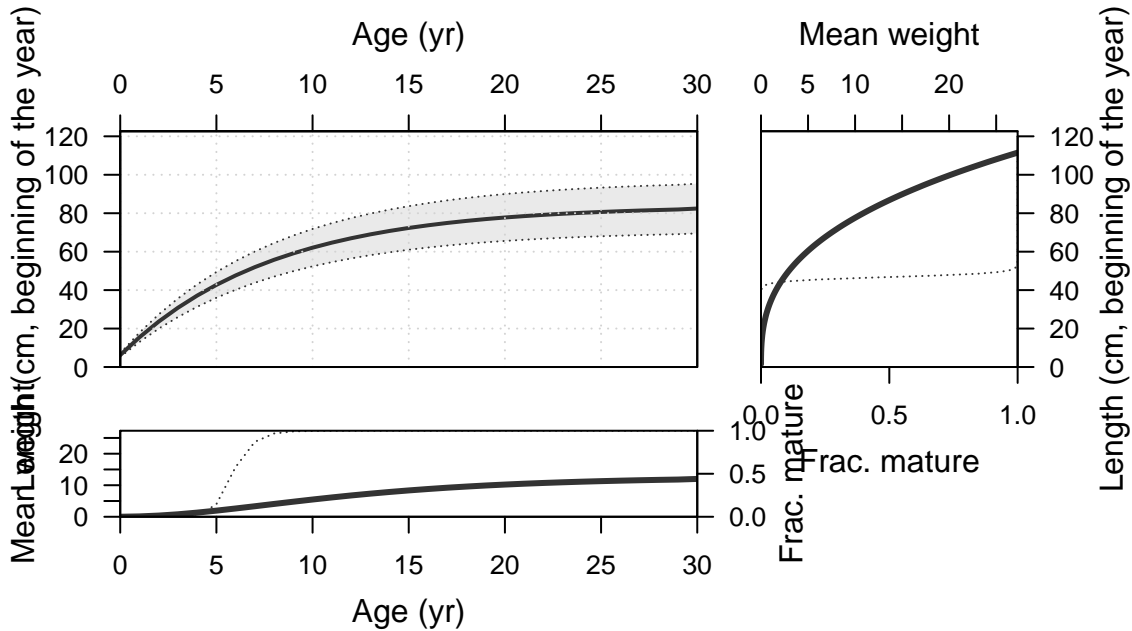


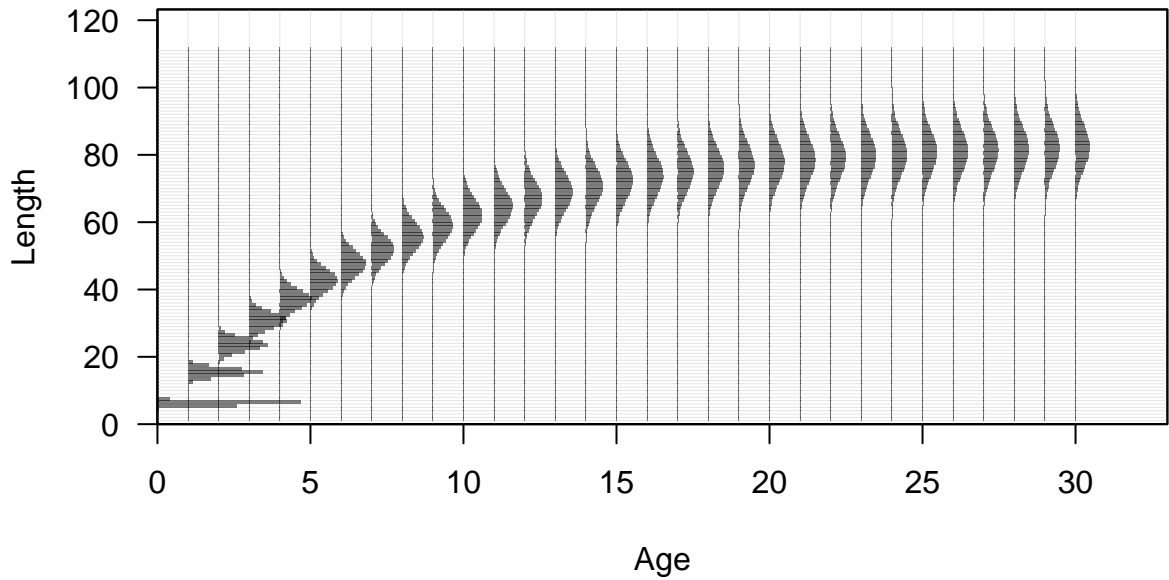
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Stock Synthesis version: 3.30.19.0
StartTime: Thu Jul 28 09:35:14 2022
Data_File: data.ss
Control_File: control.ss

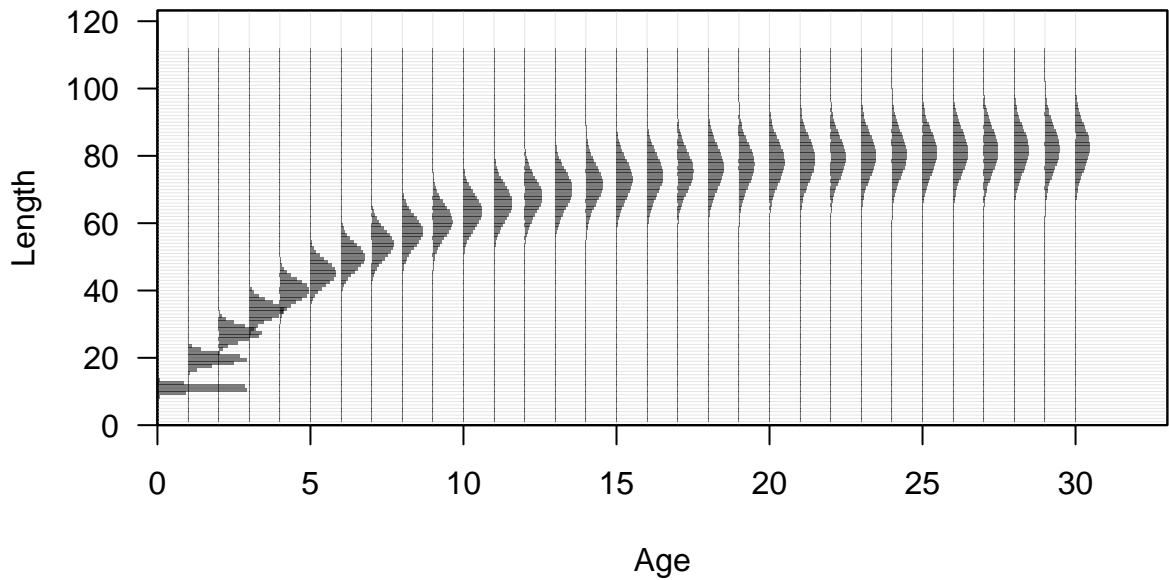
Length (cm, beginning of the year)

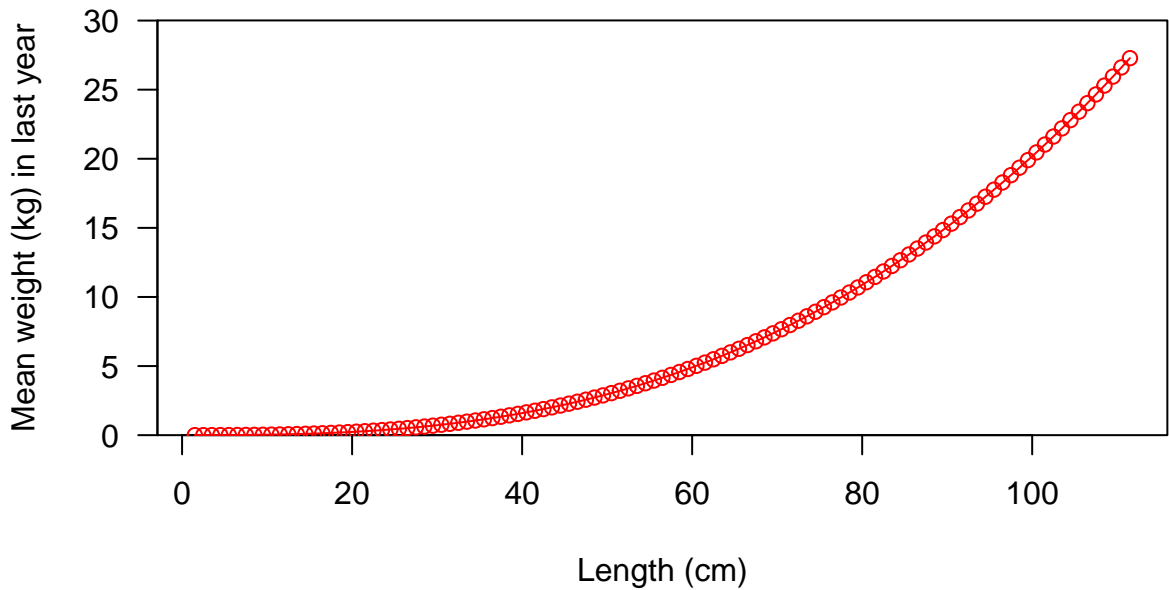


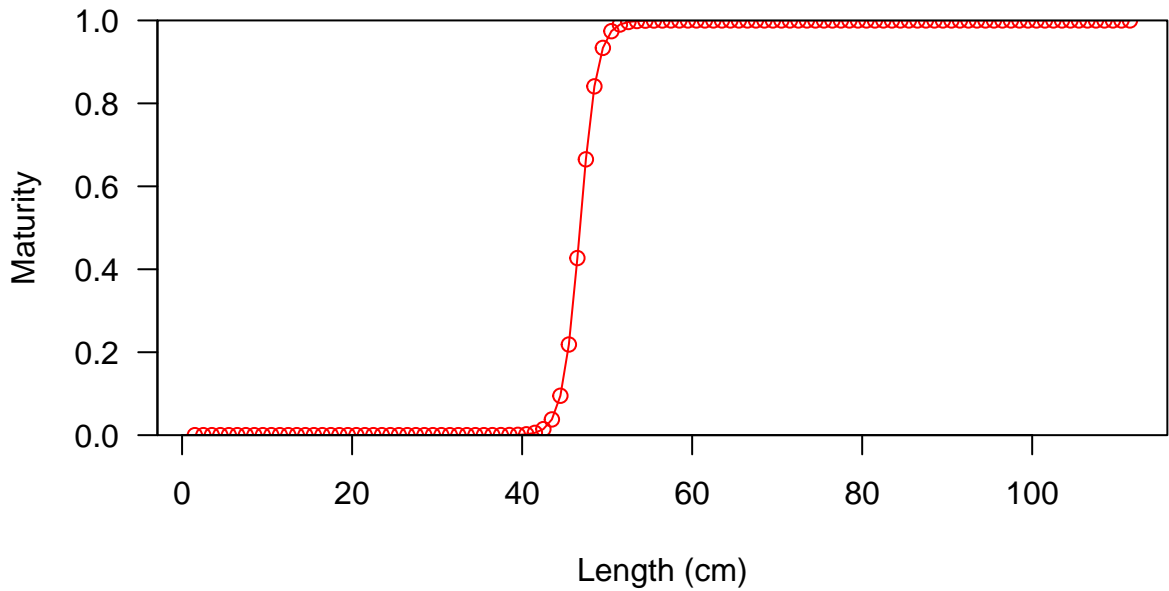


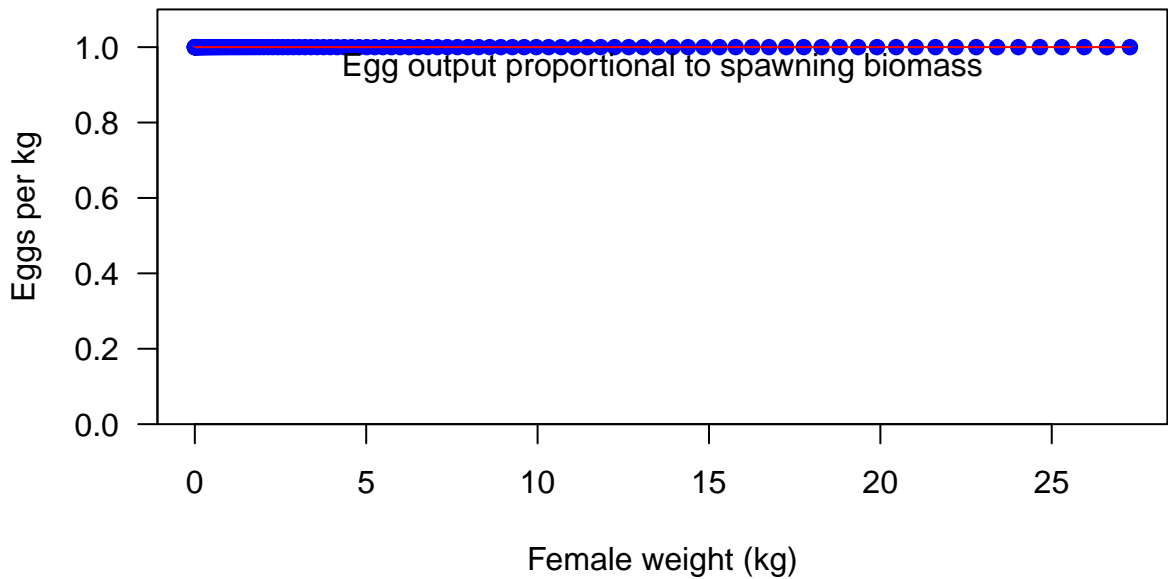


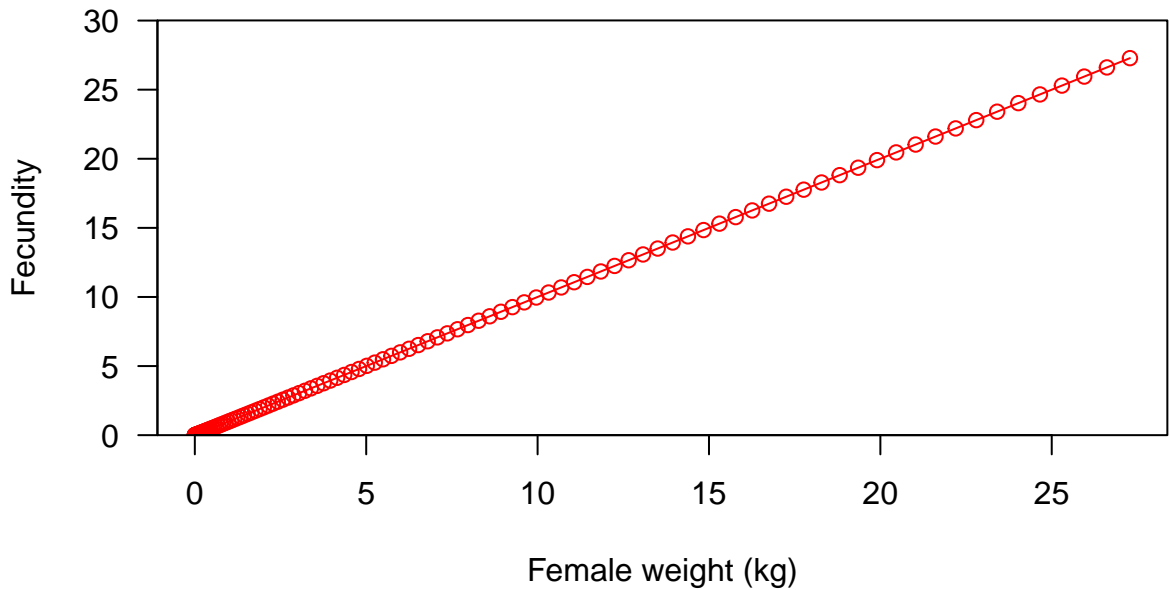




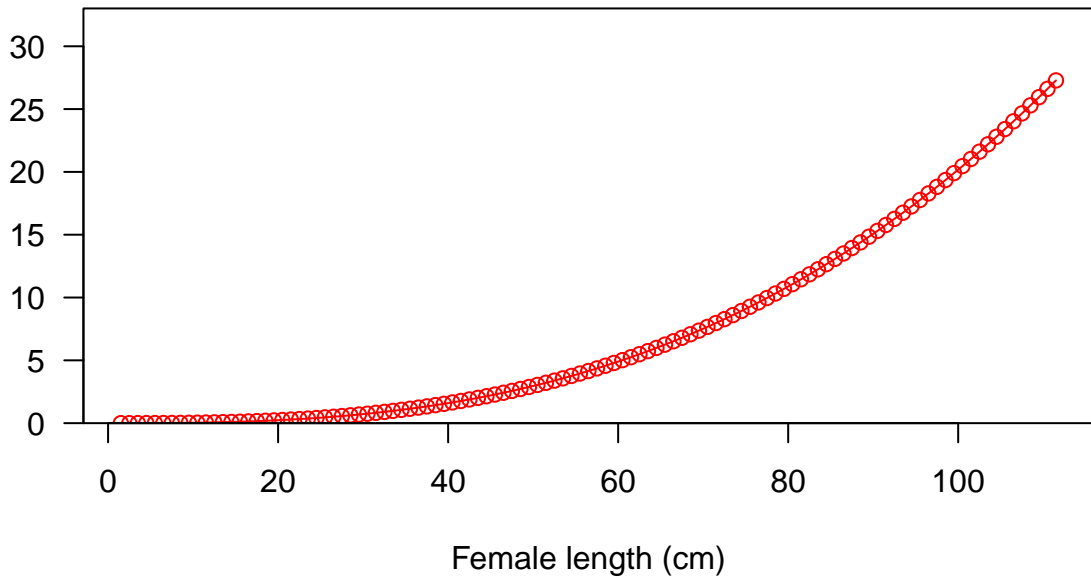


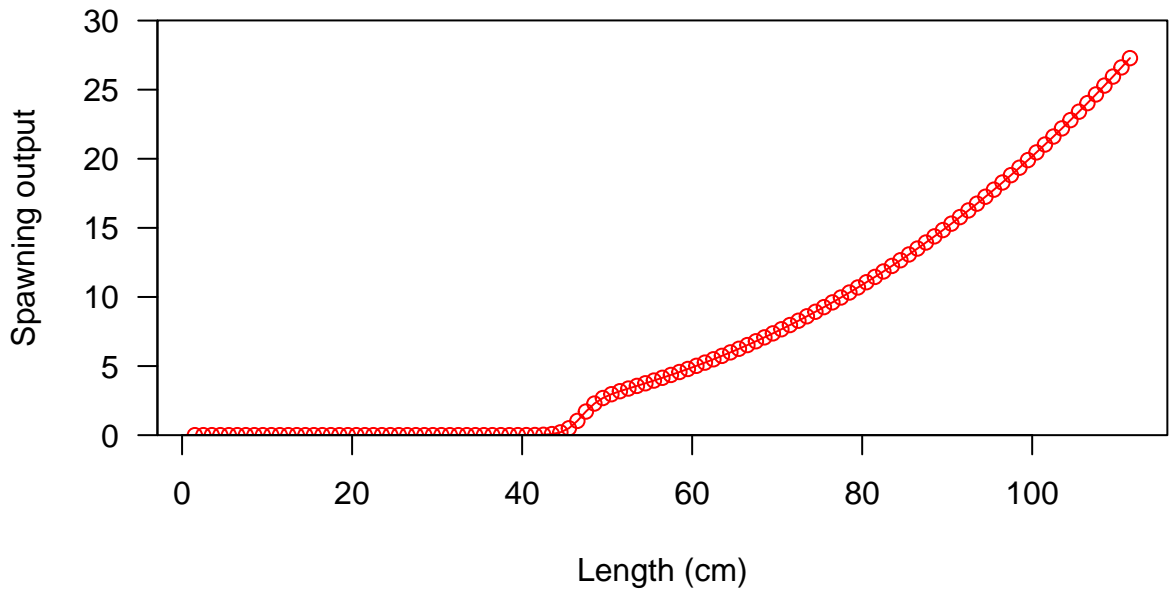




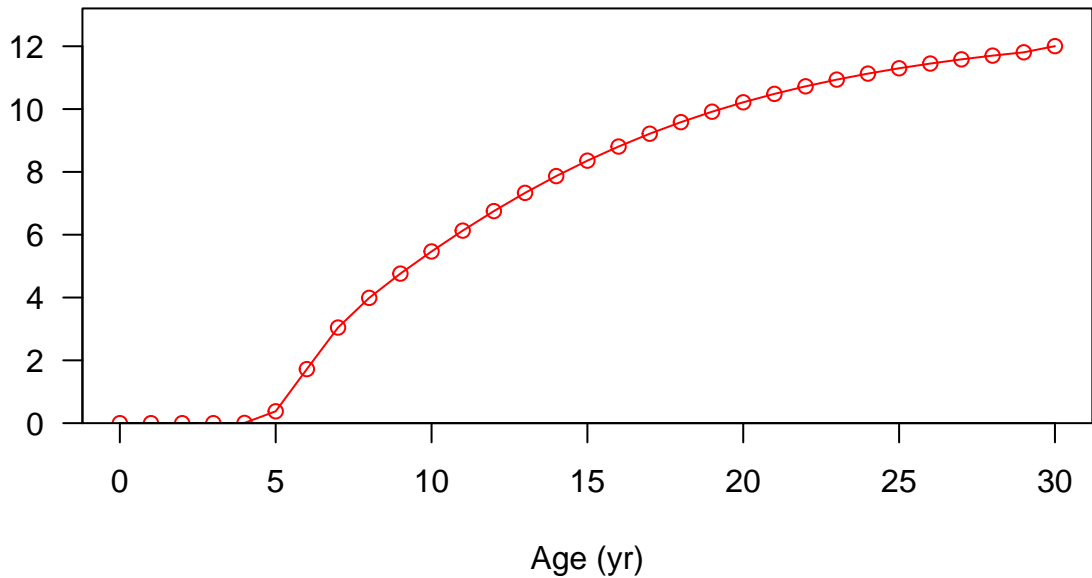


Fecundity

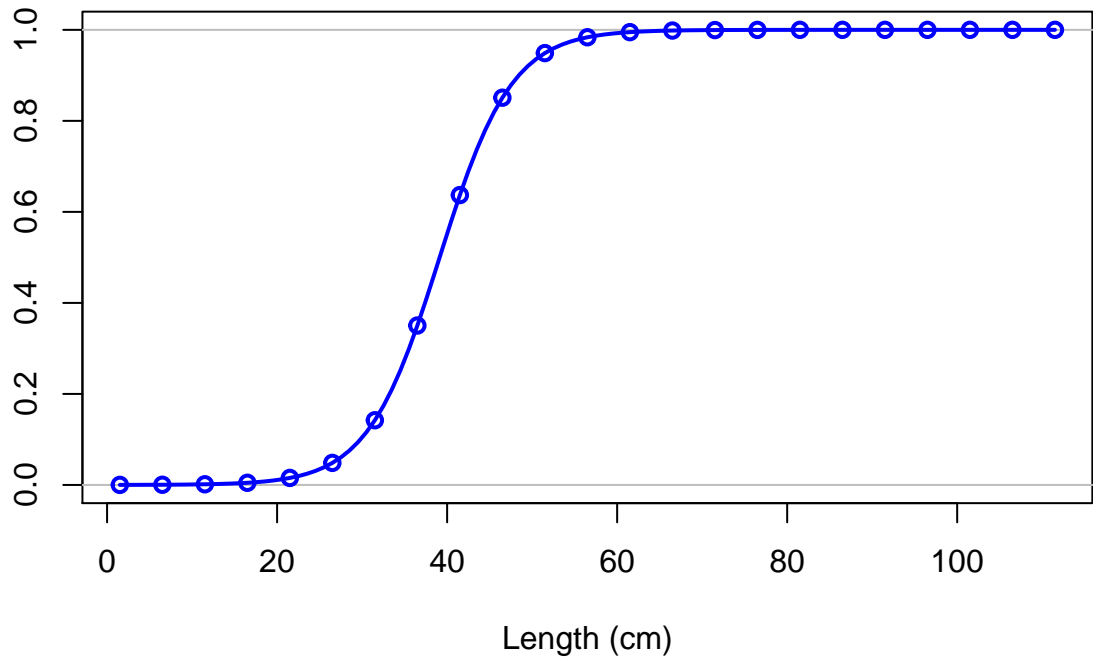




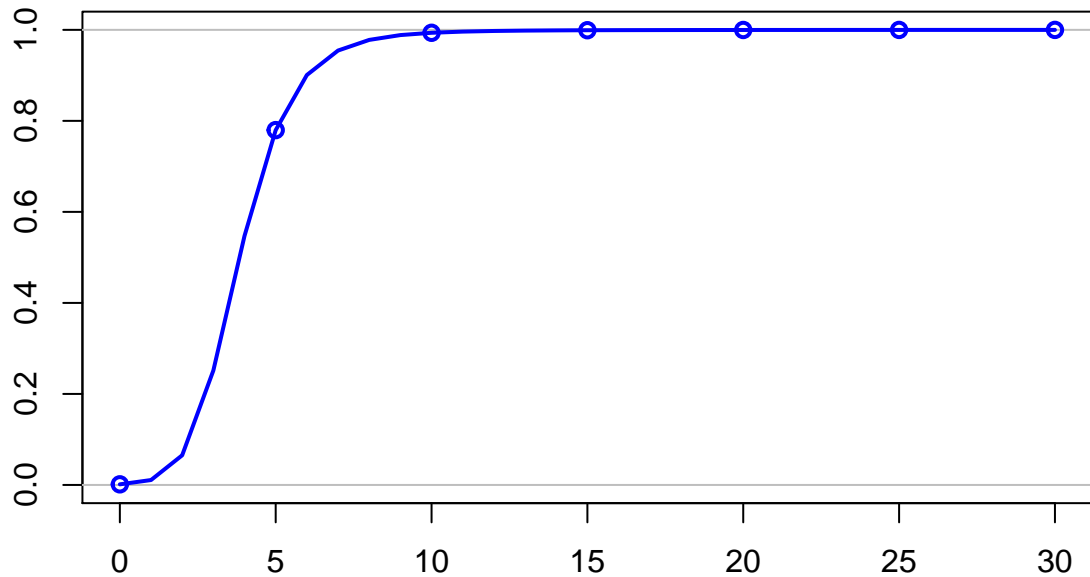
Spawning output



Selectivity

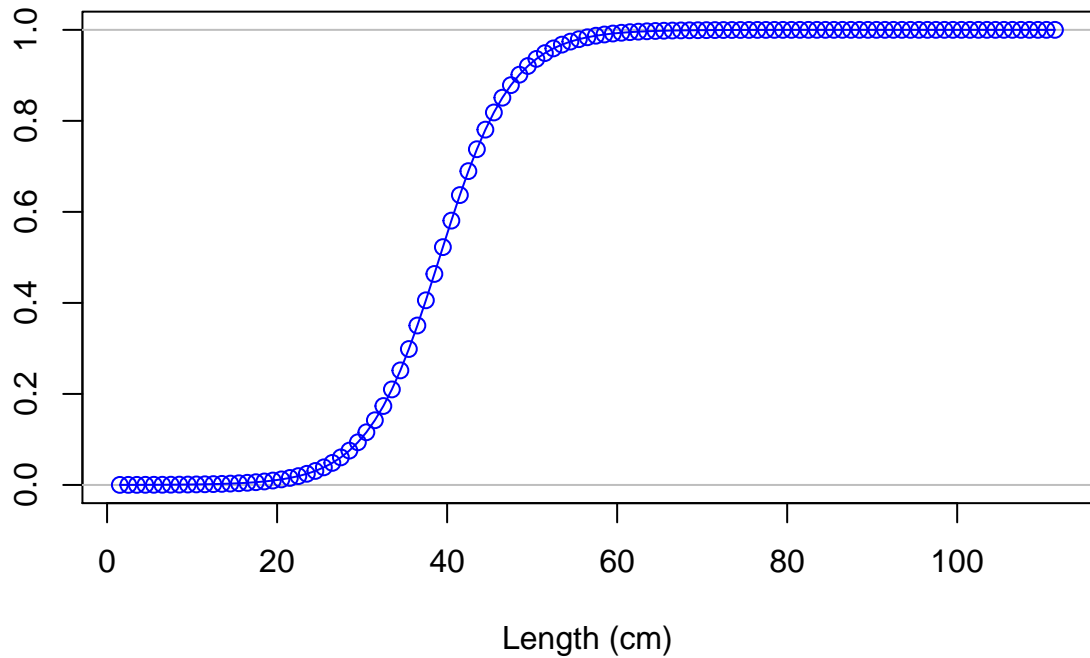


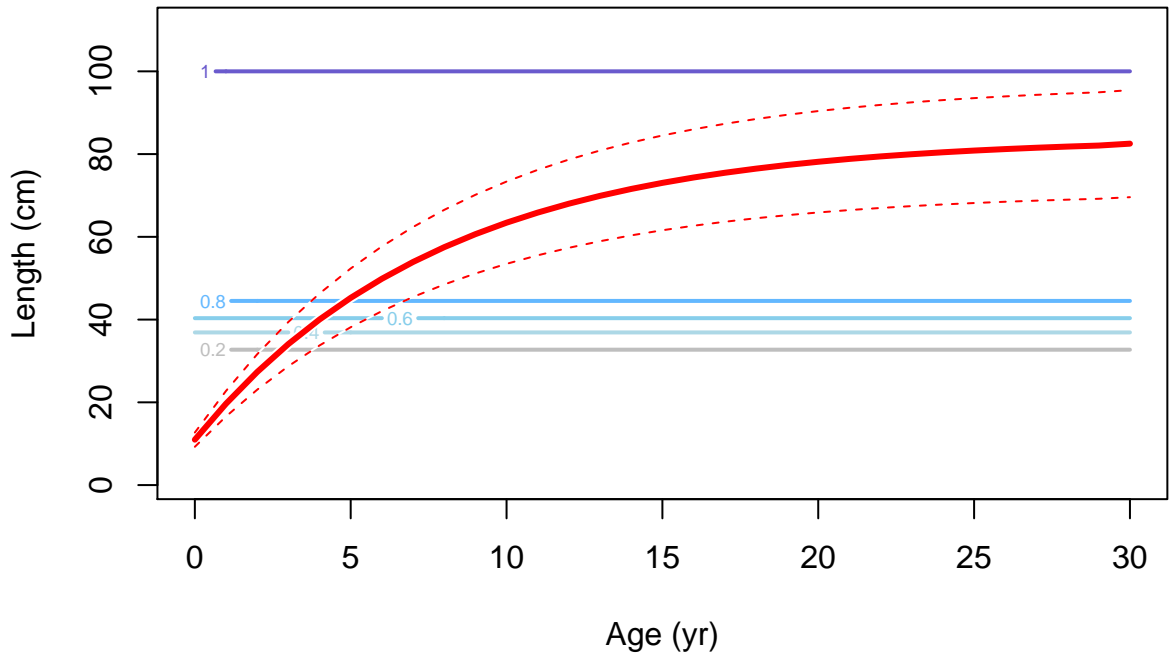
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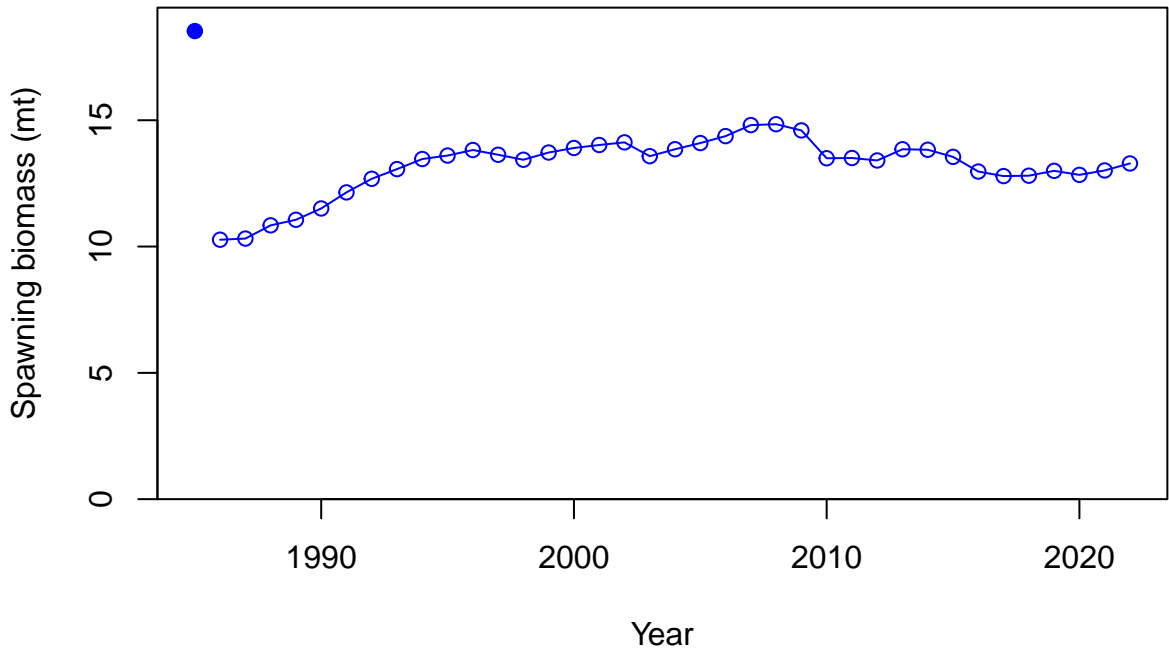


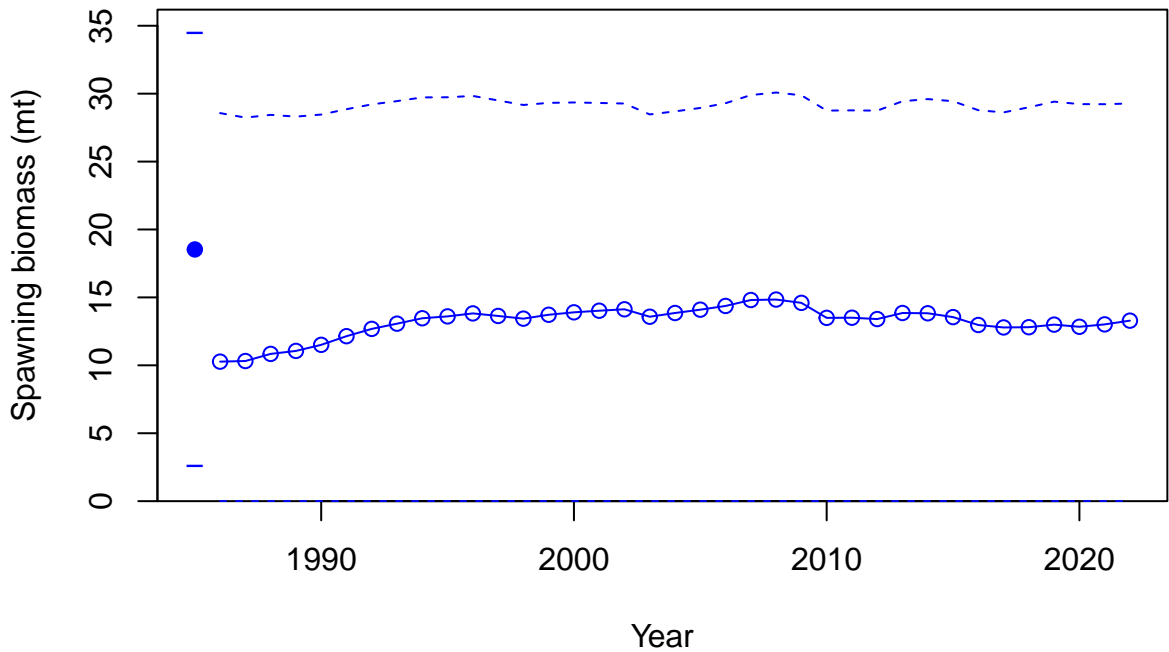
Age (yr)

Selectivity

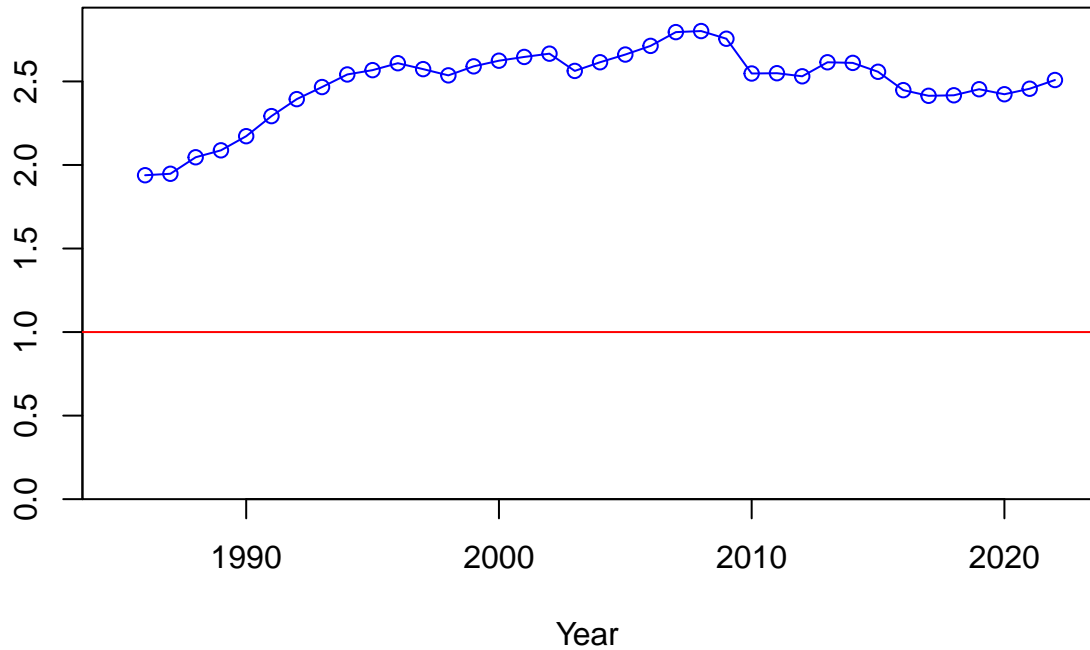




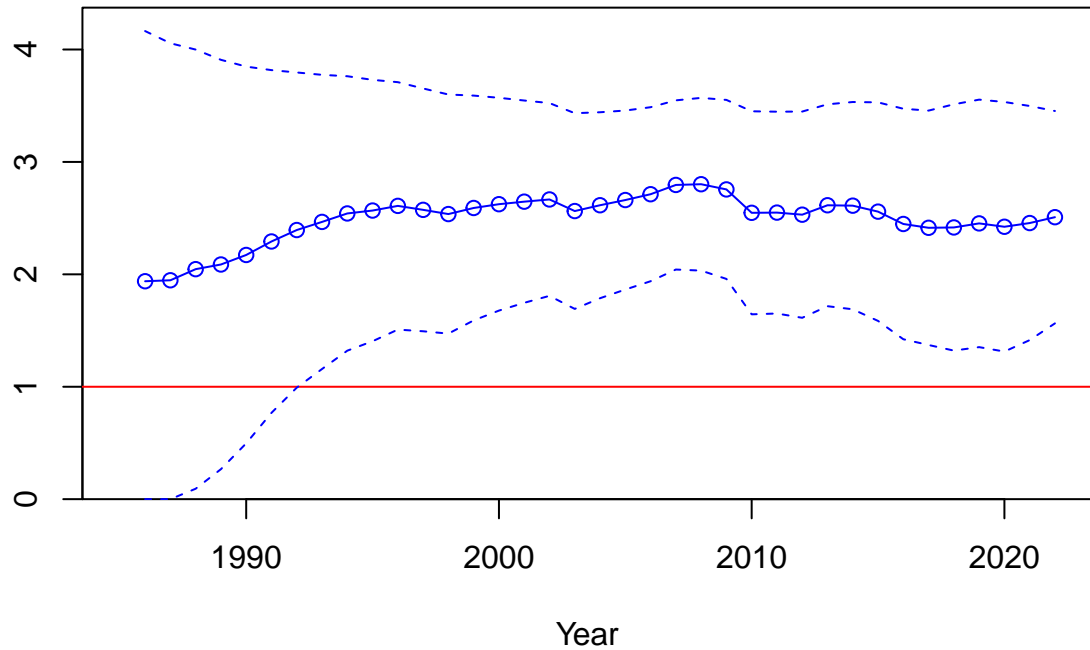


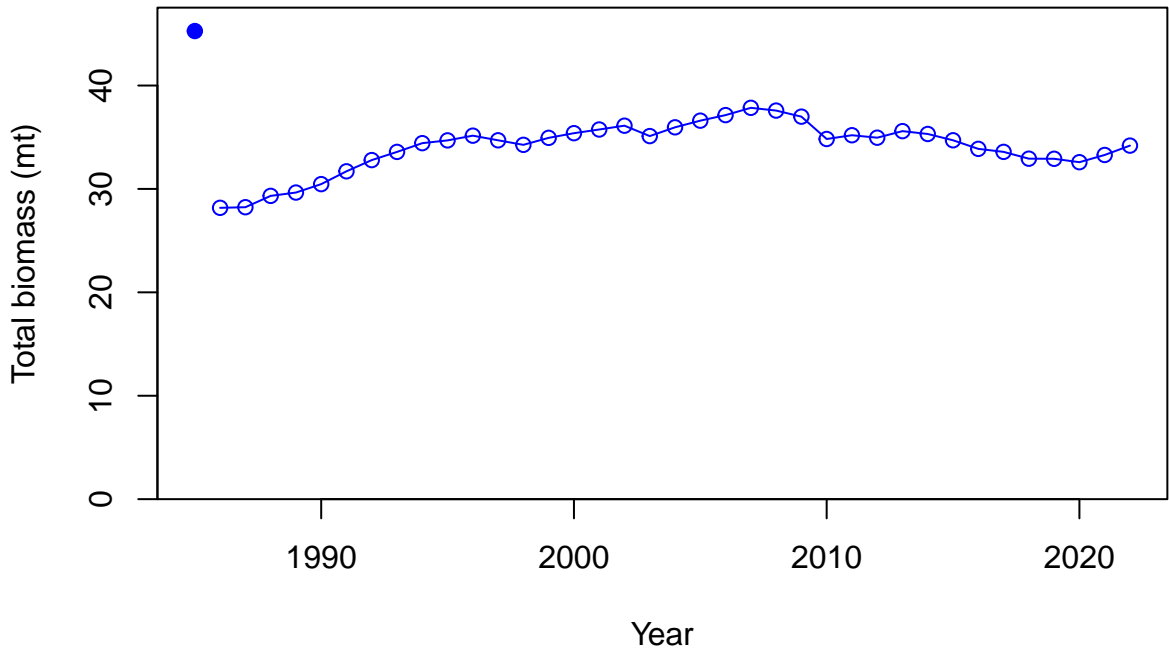


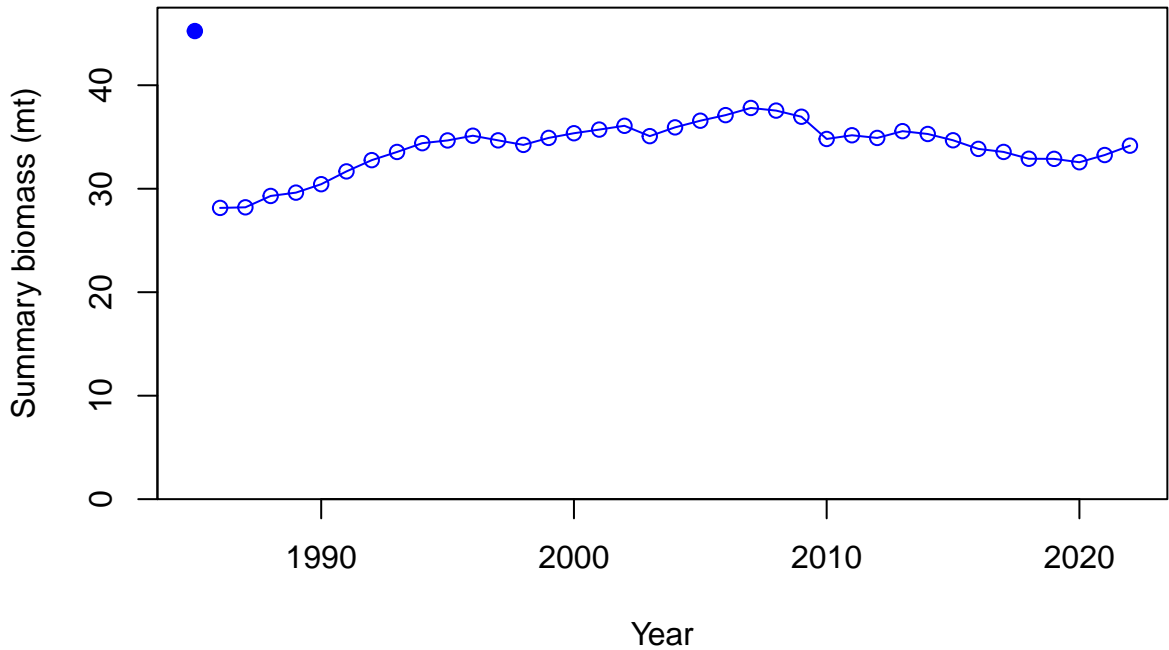
Relative spawning biomass: B/B_{MSY}



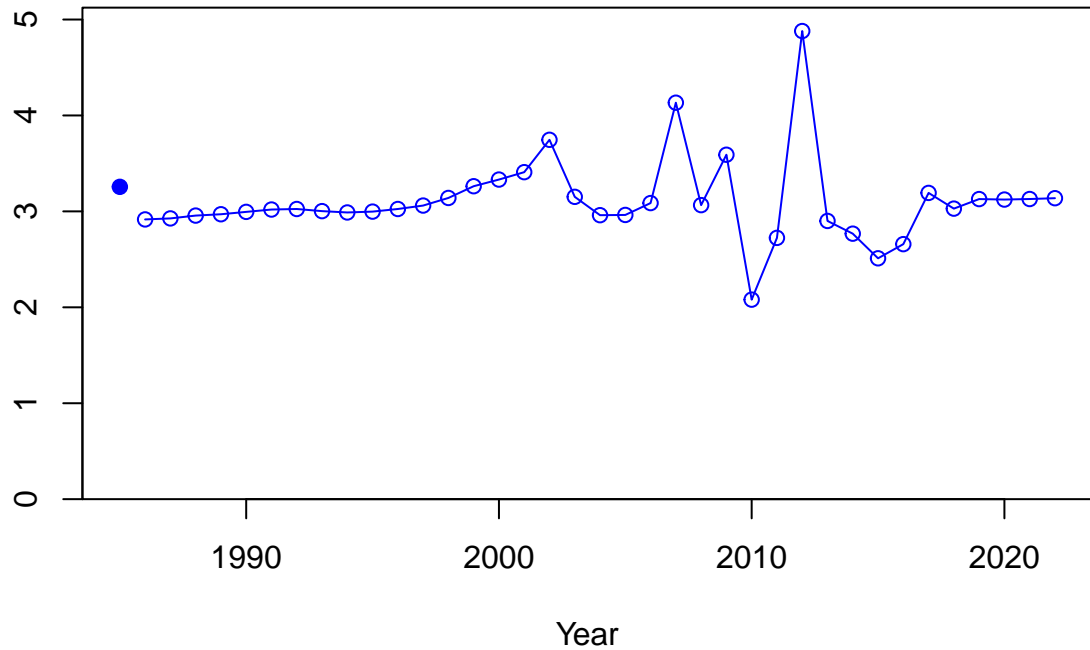
Relative spawning biomass: B/B_{MSY}

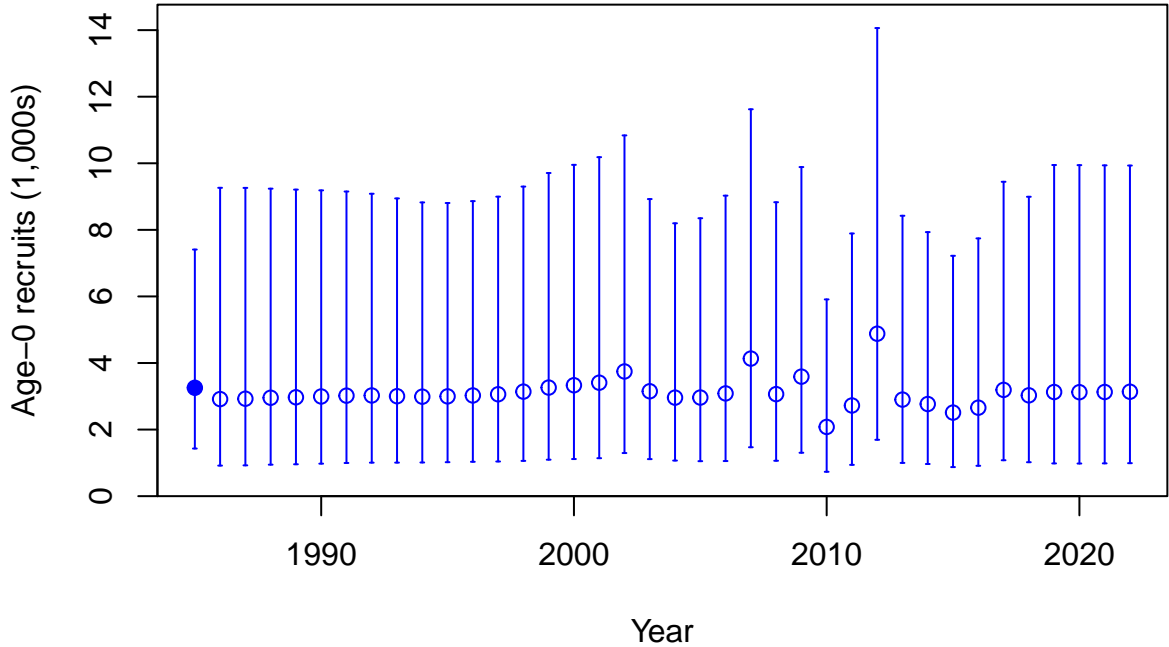




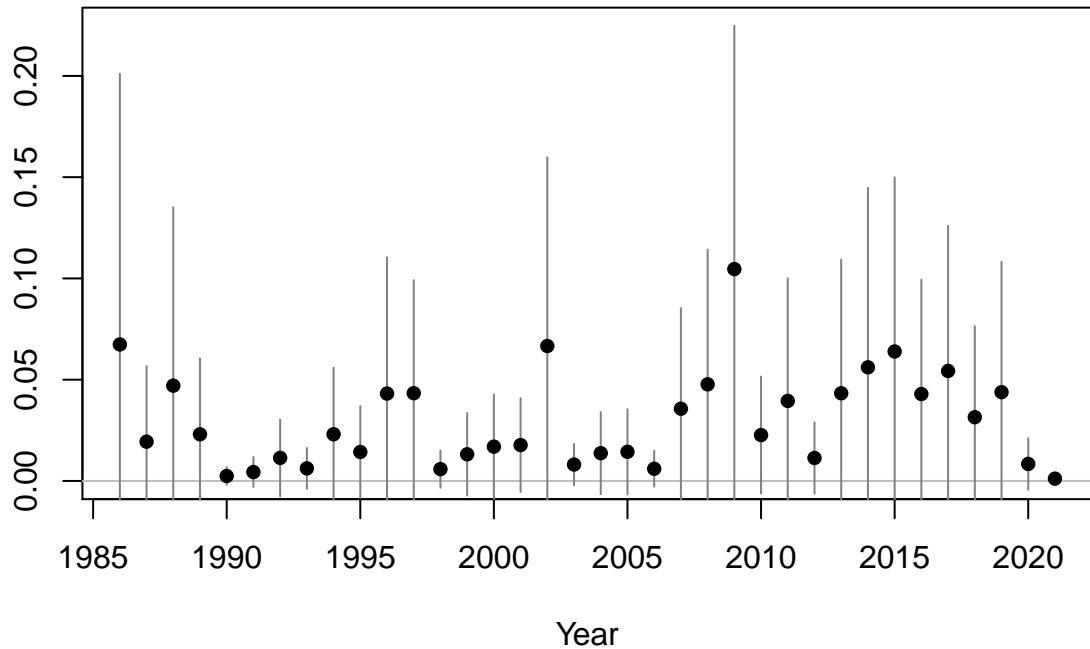


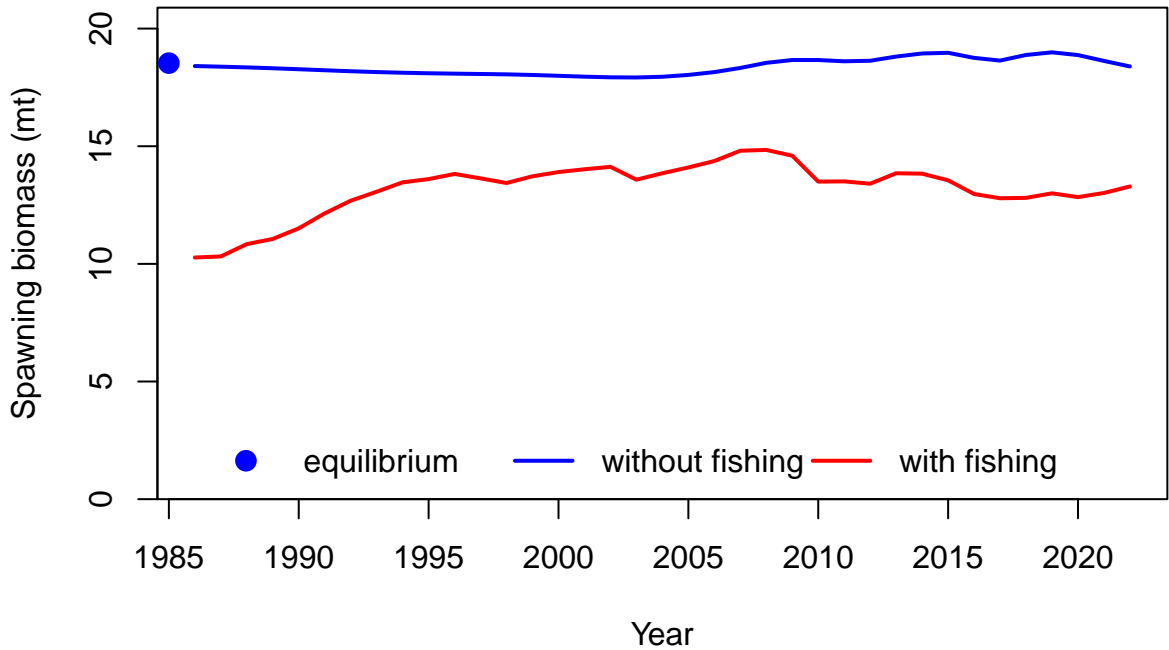
Age-0 recruits (1,000s)



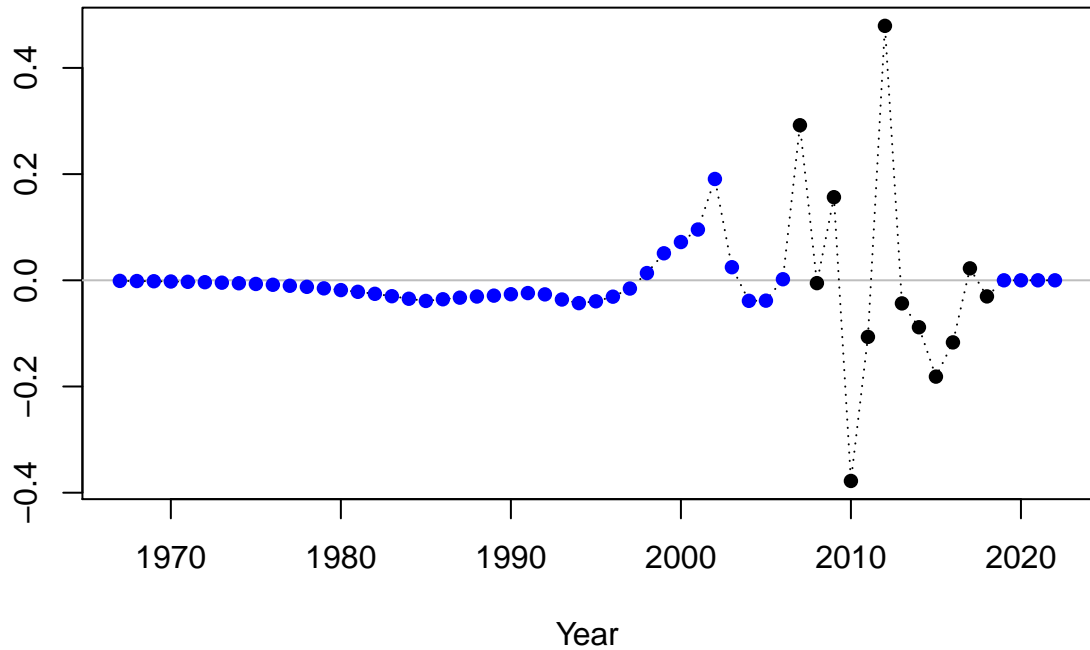


Summary Fishing Mortality

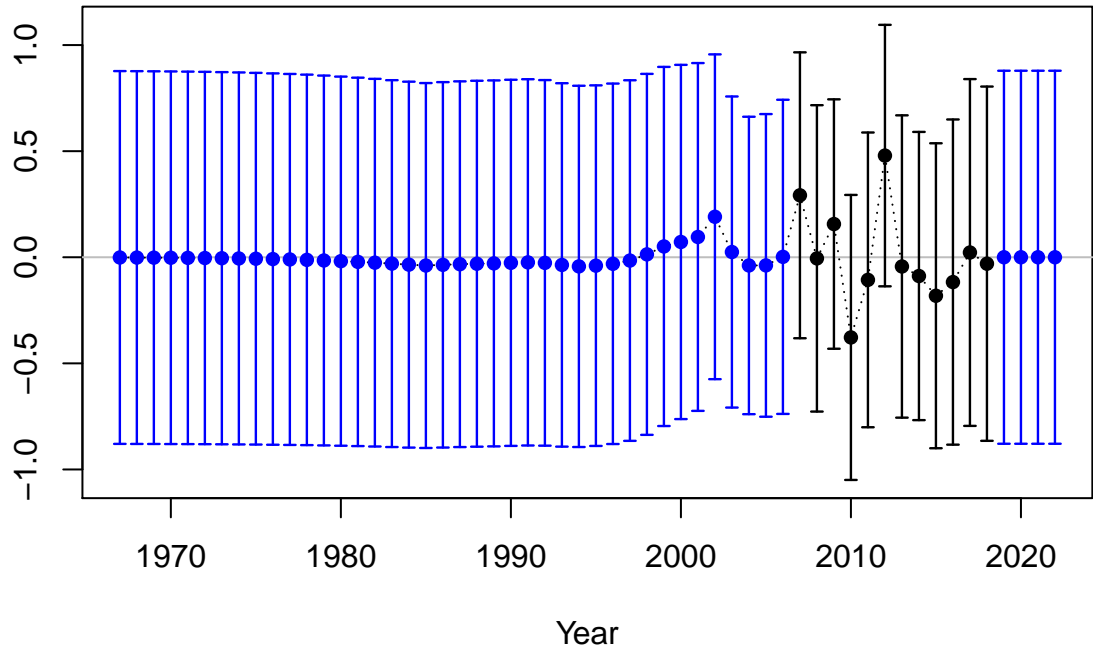




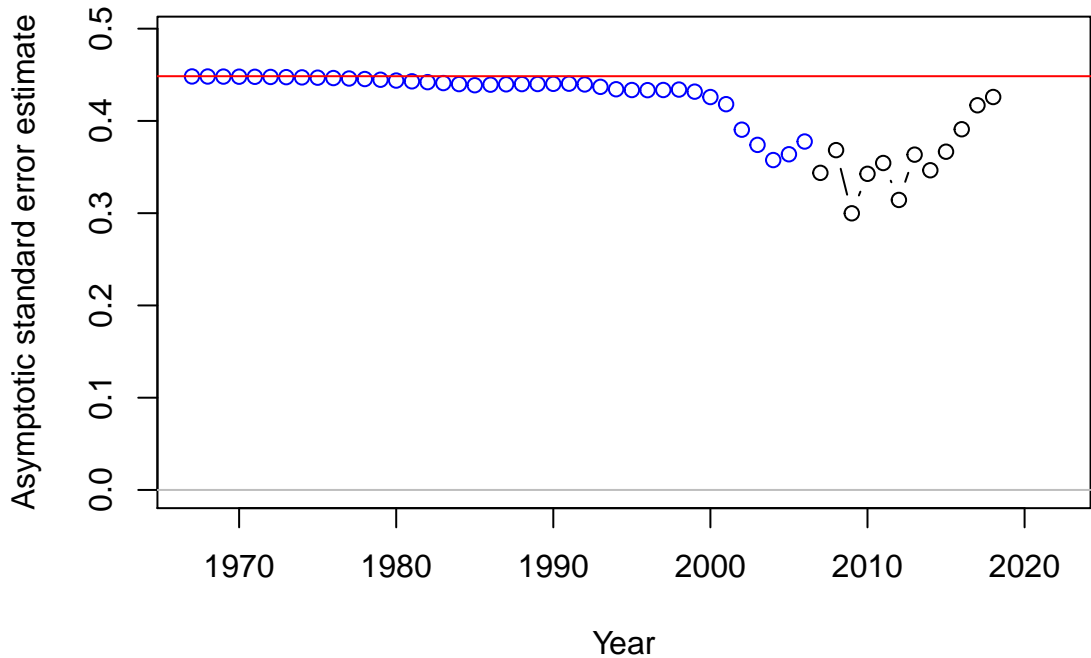
Log recruitment deviation

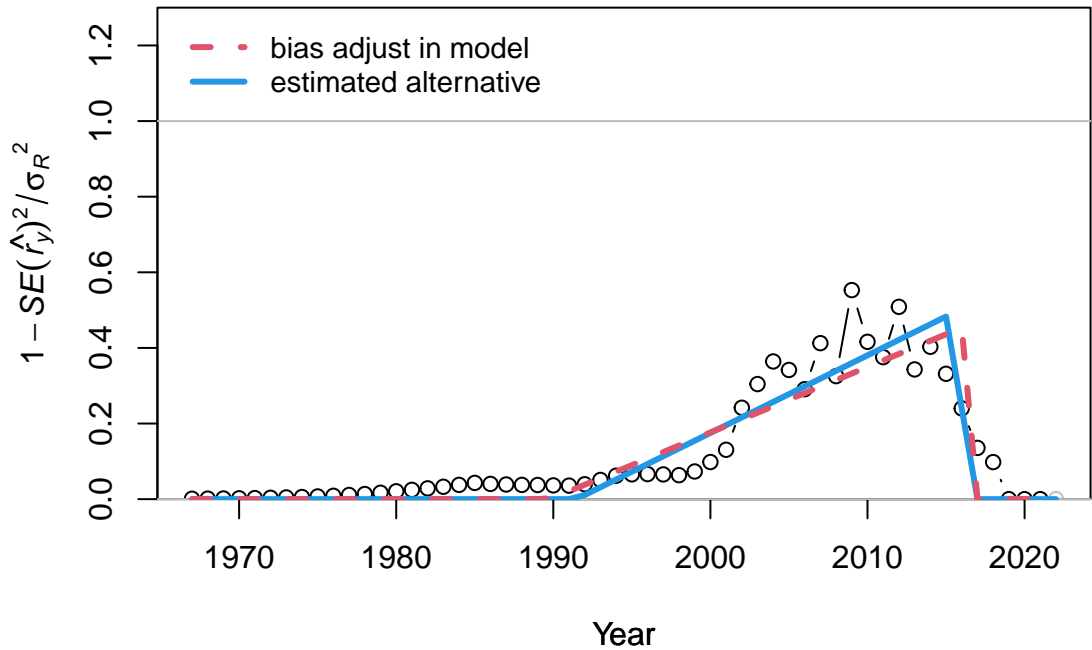


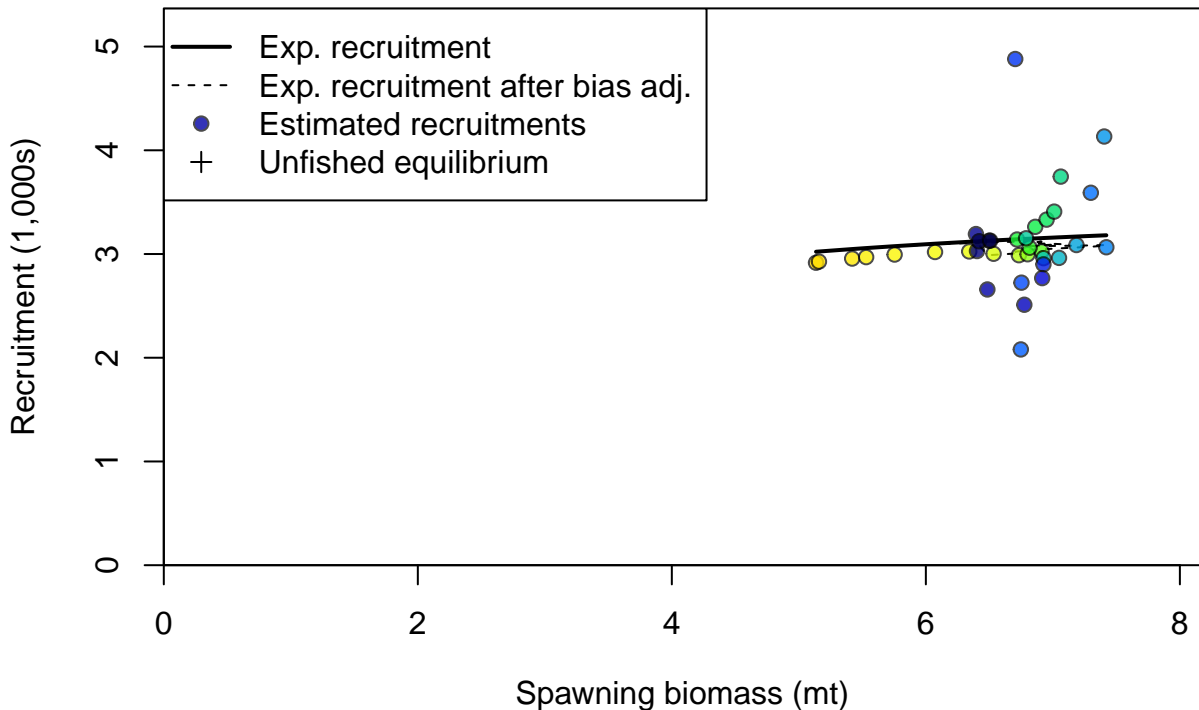
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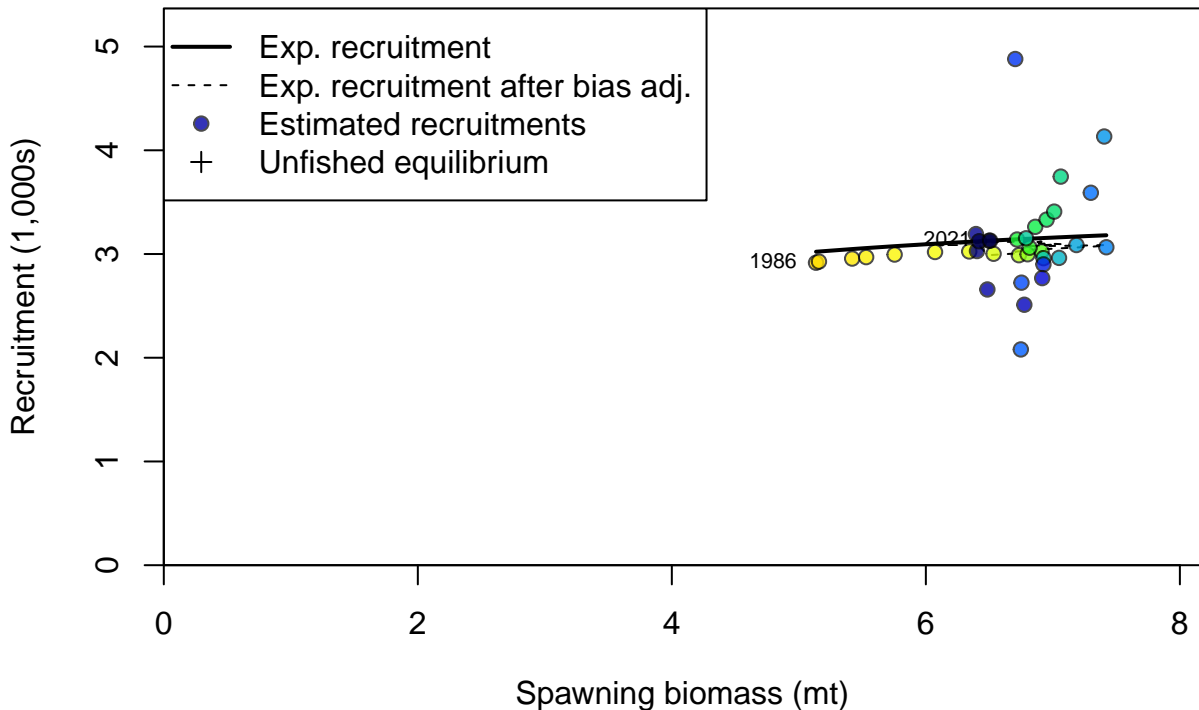


Recruitment deviation variance

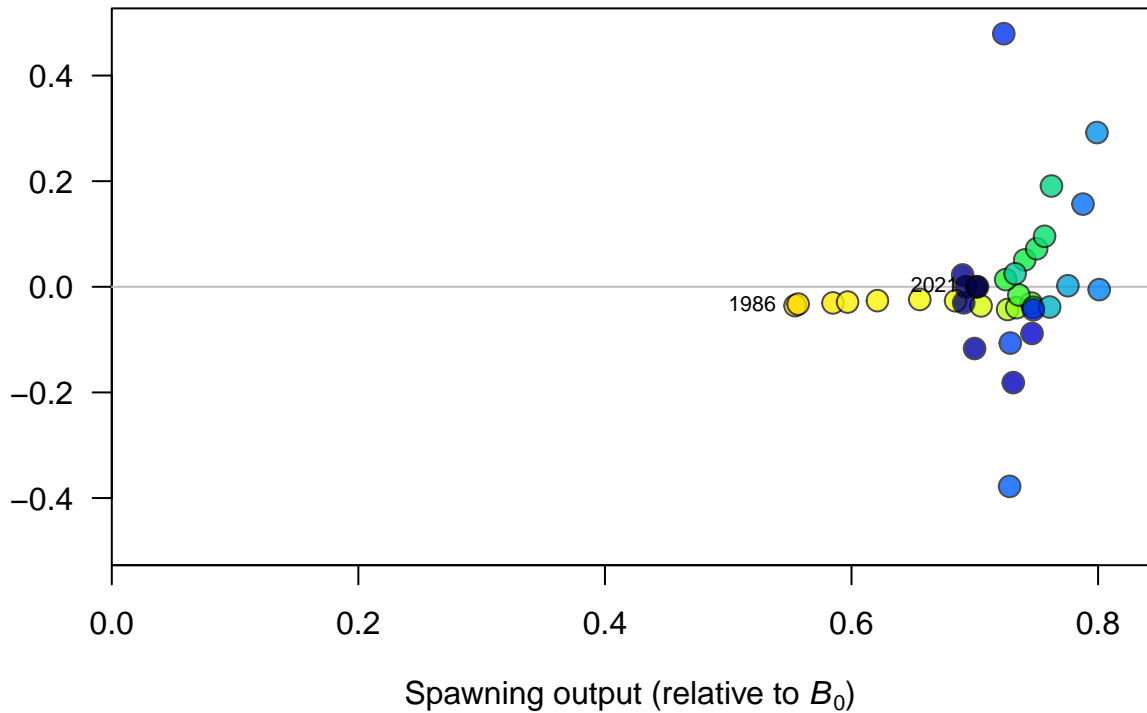


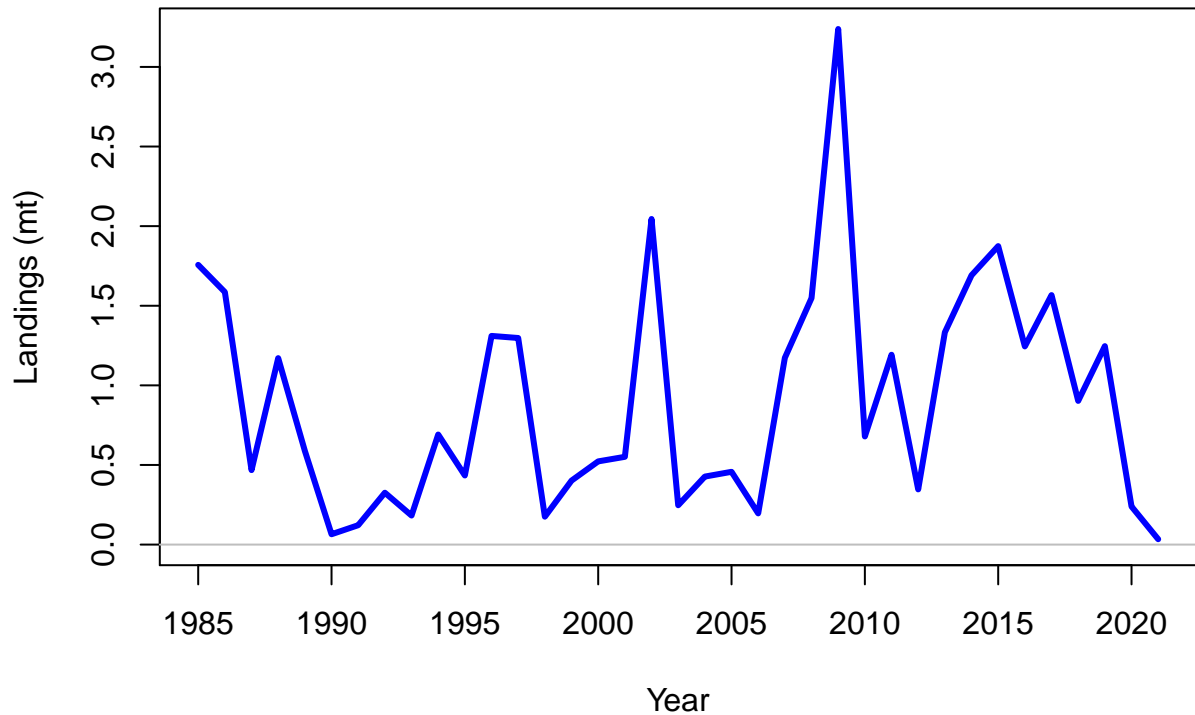


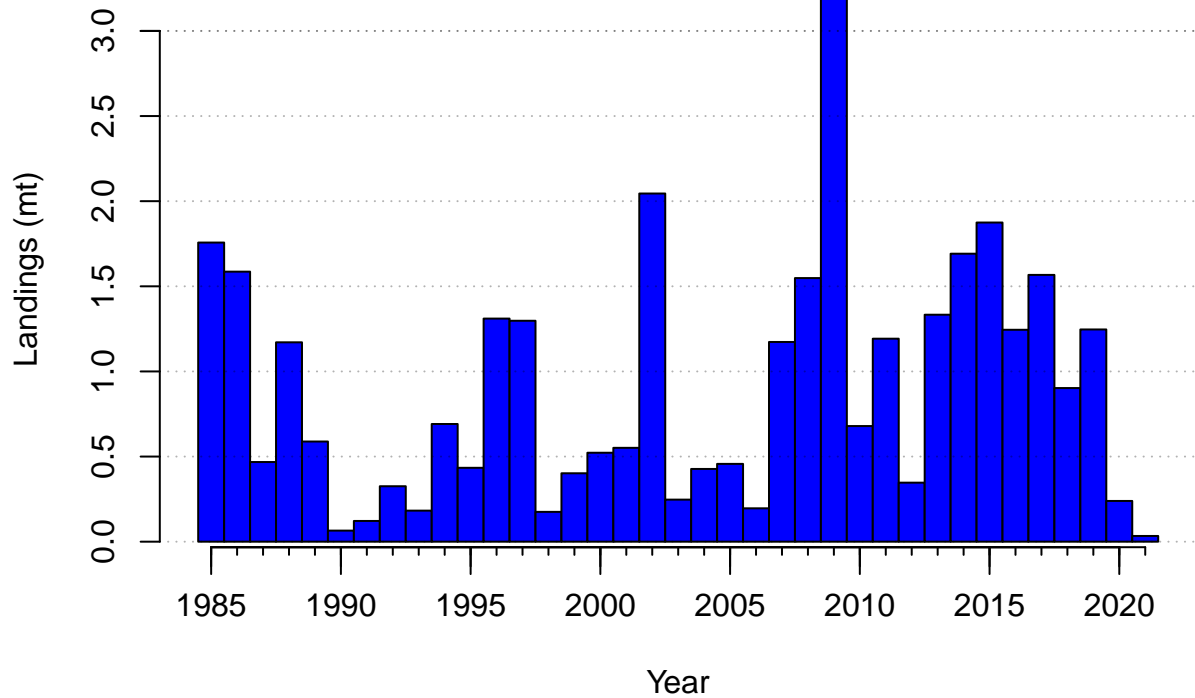


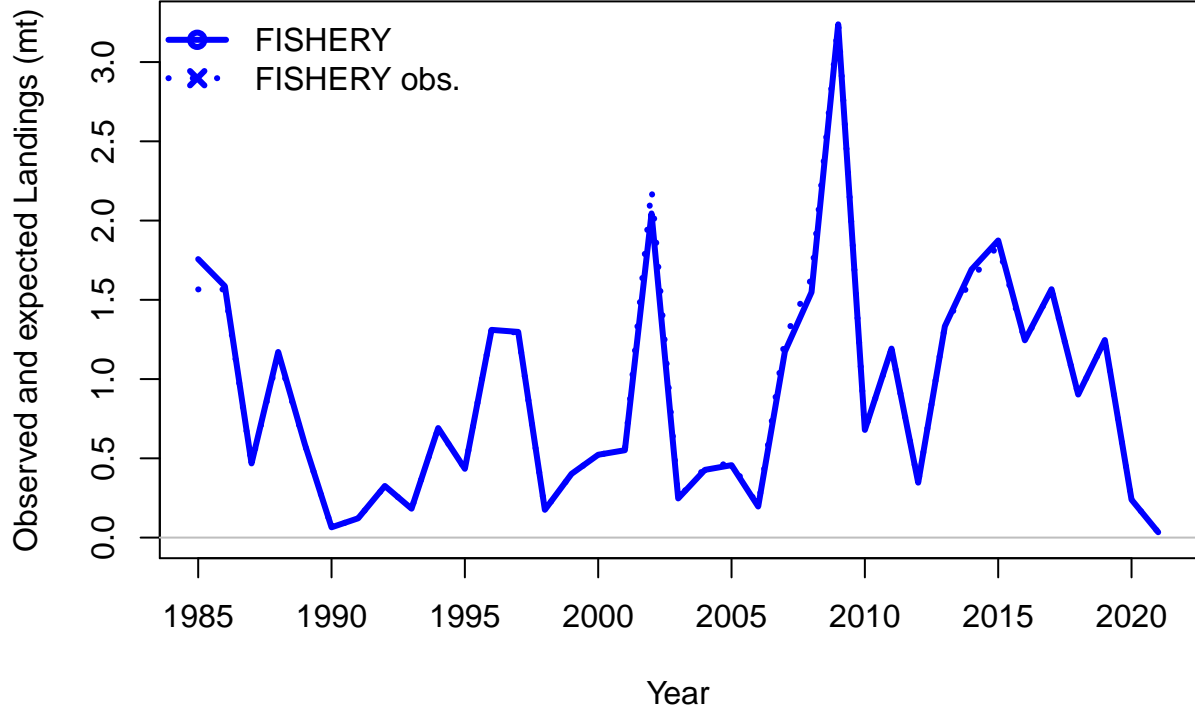


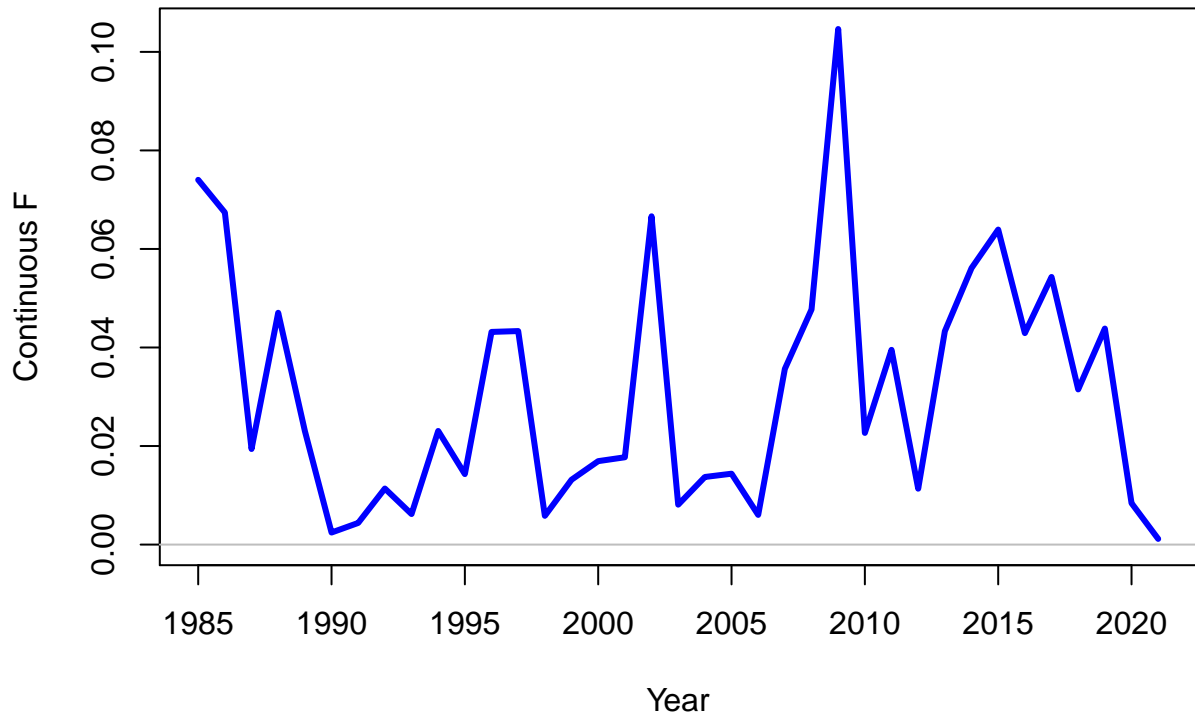
Log recruitment deviation



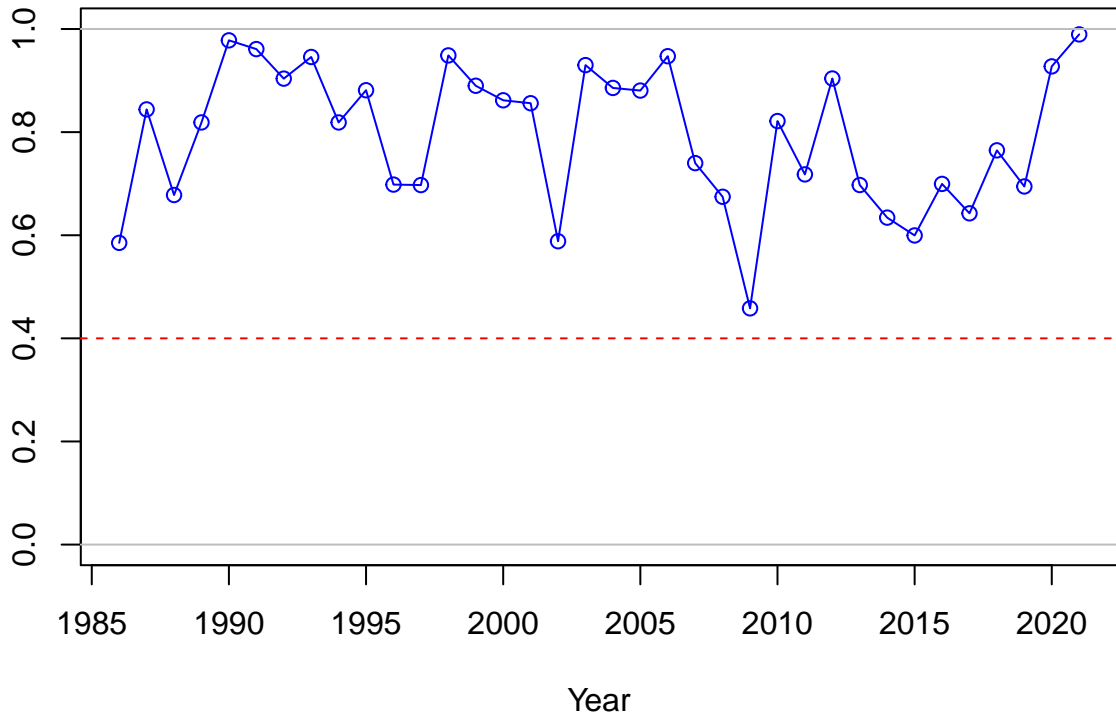




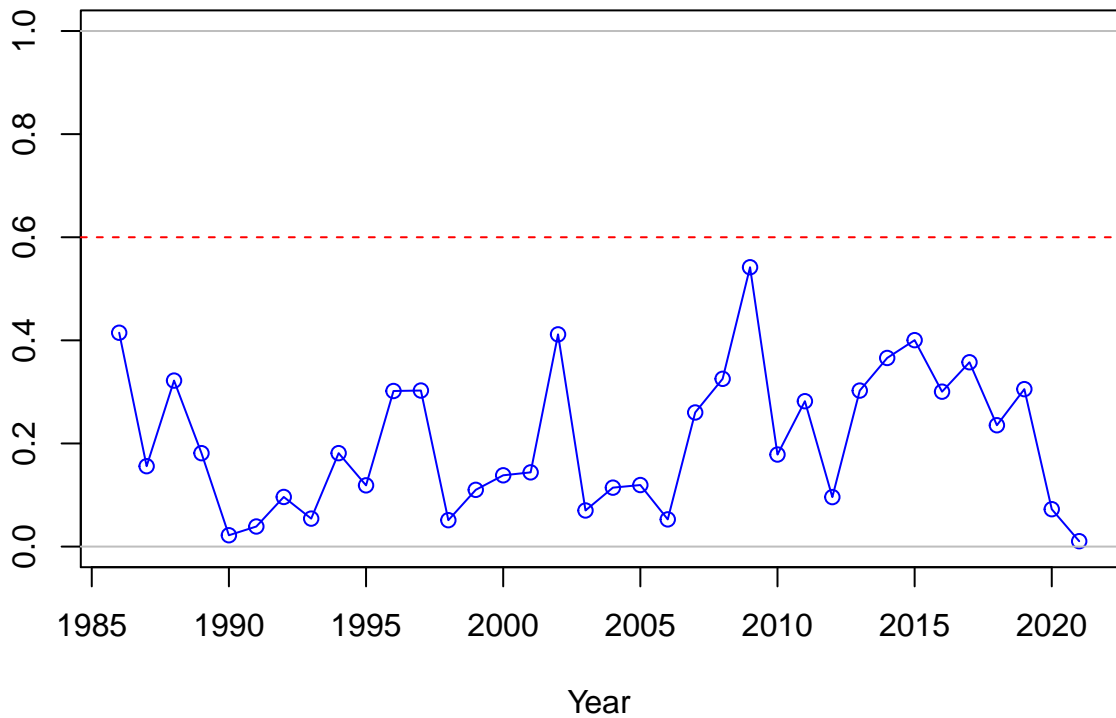




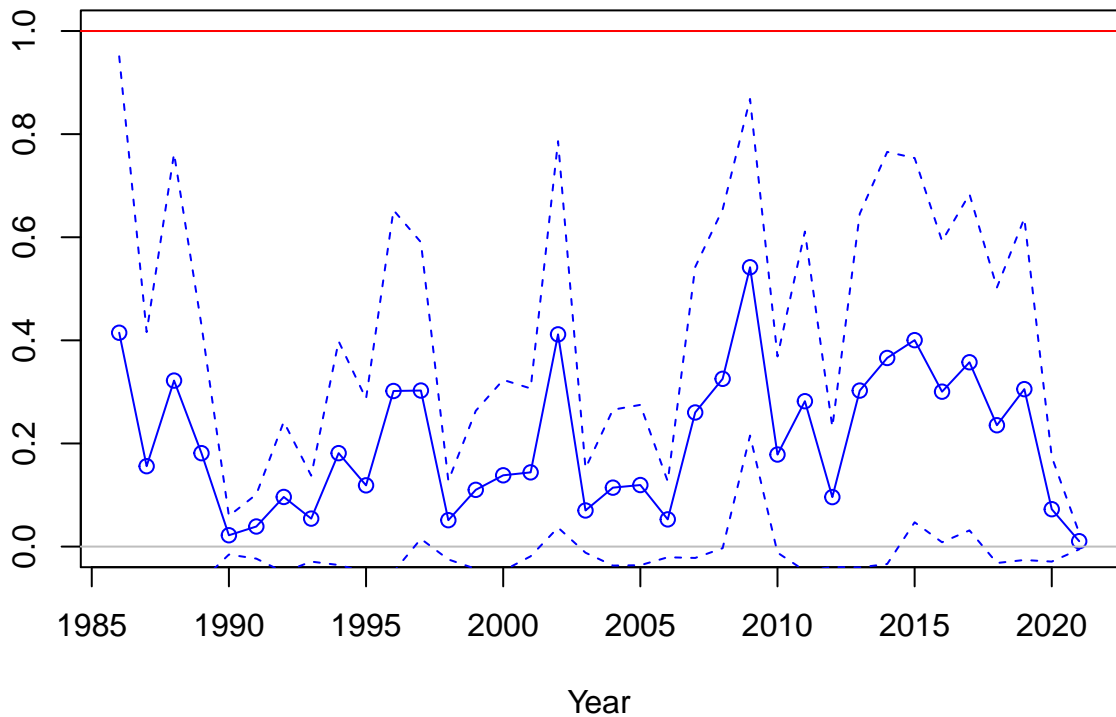
SPR



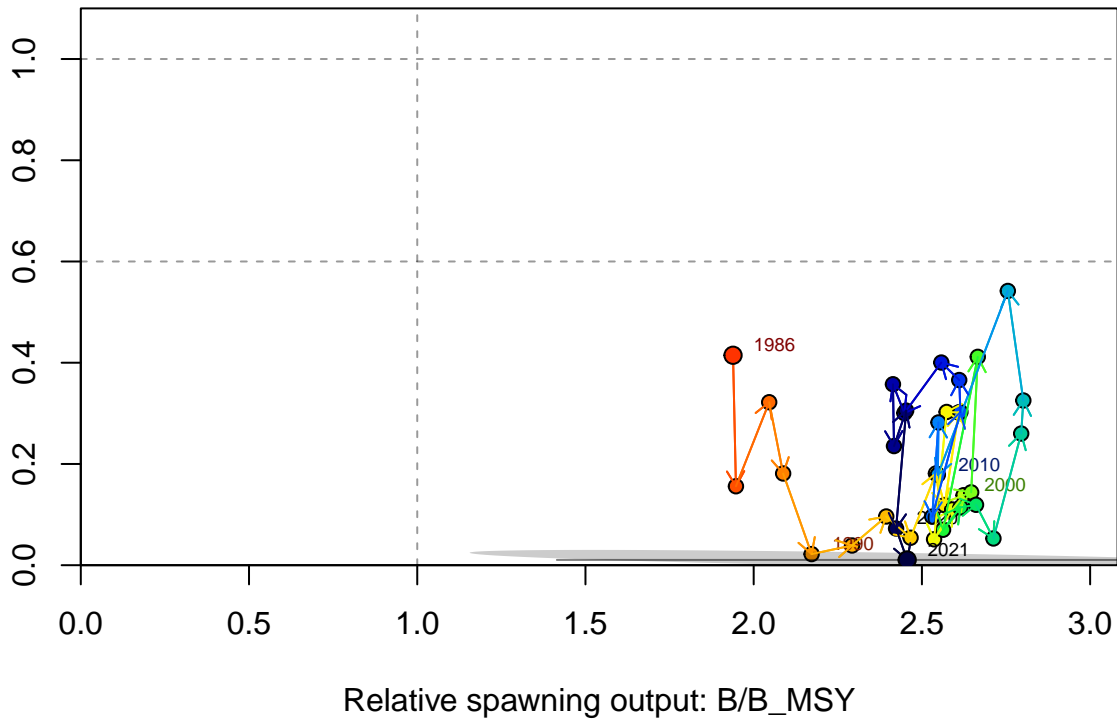
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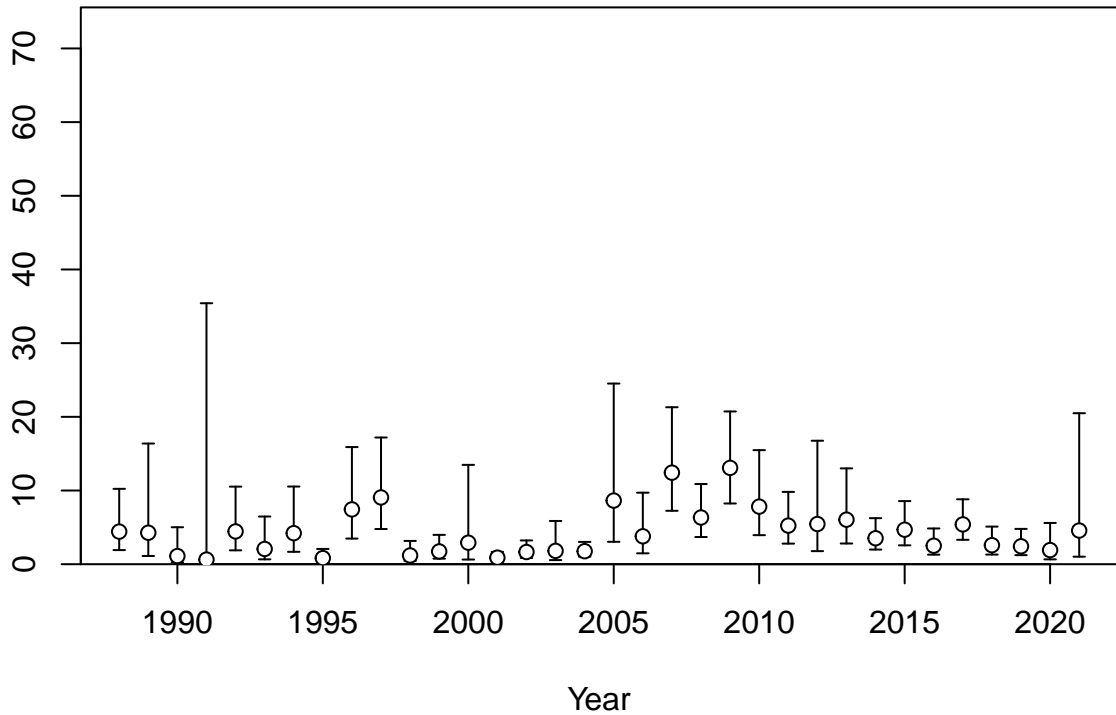
Fishing intensity: 1-SPR



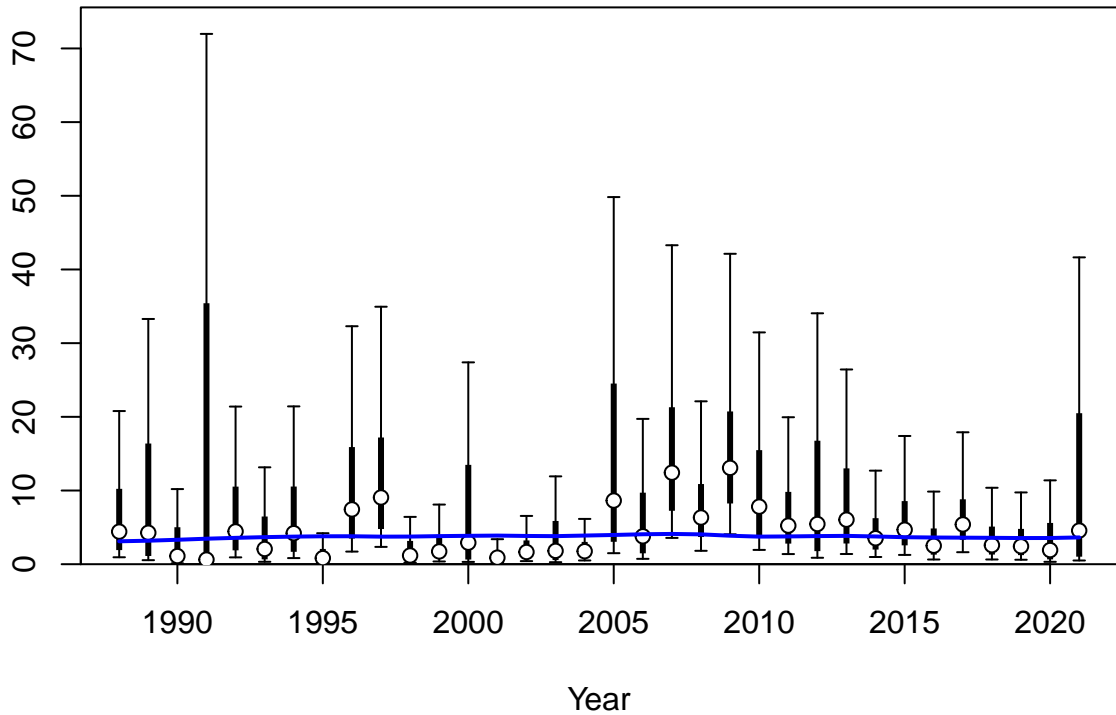
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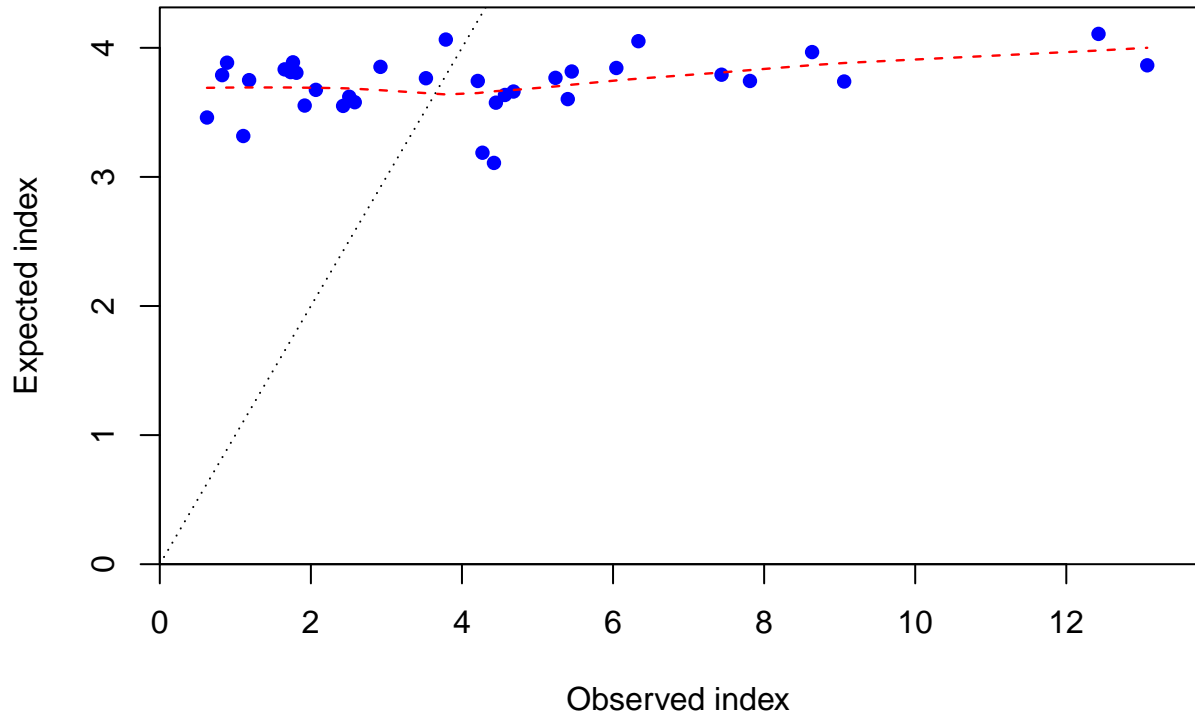


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2
0
-2
-4

1990

1995

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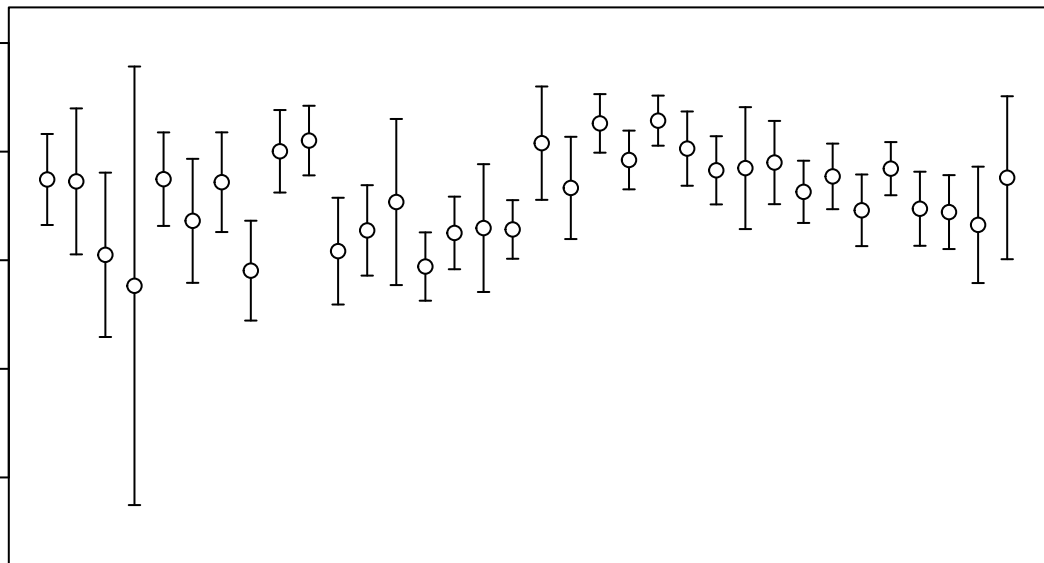
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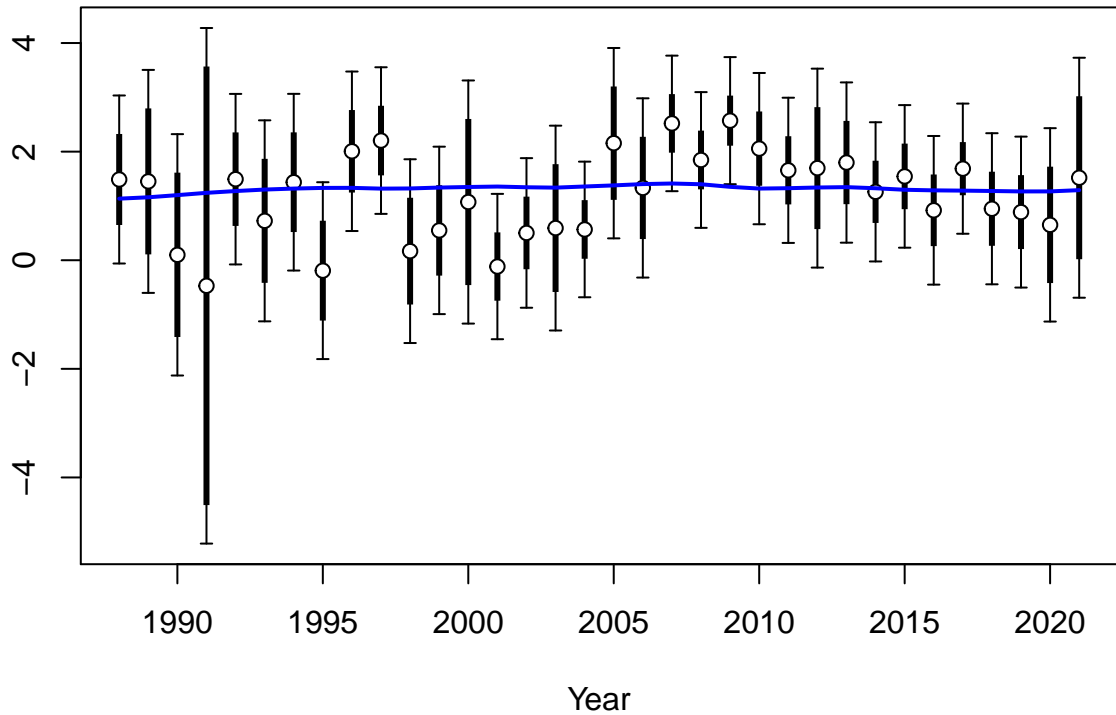
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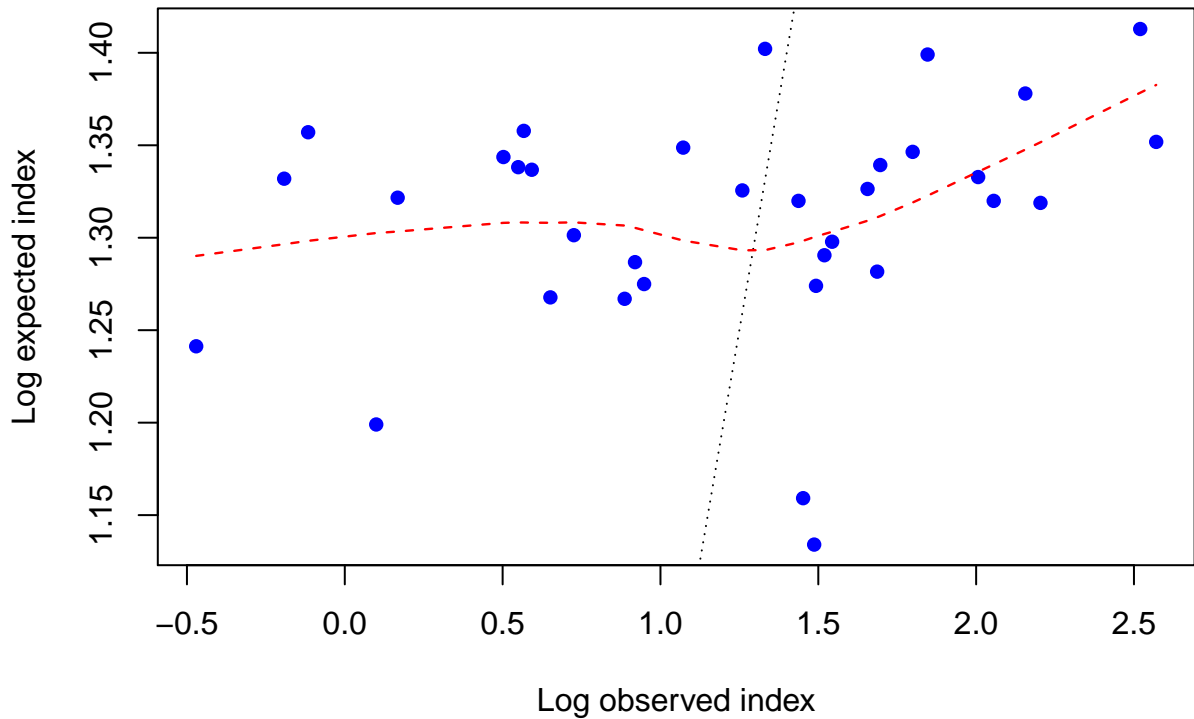
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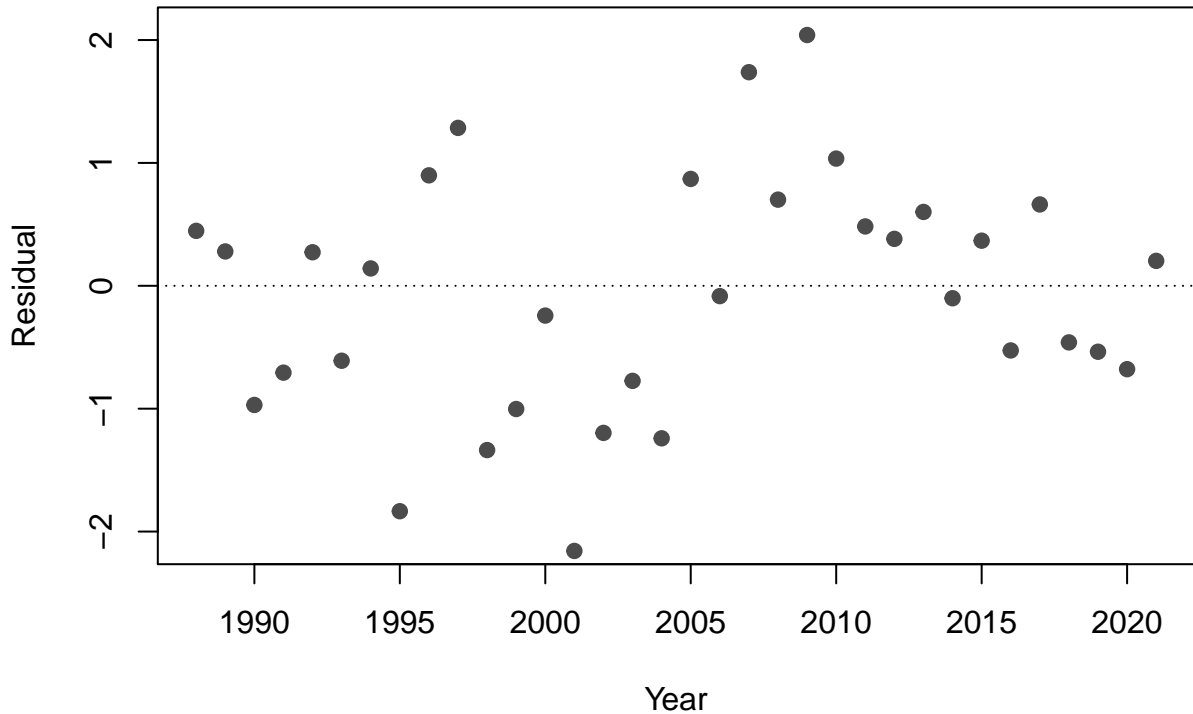
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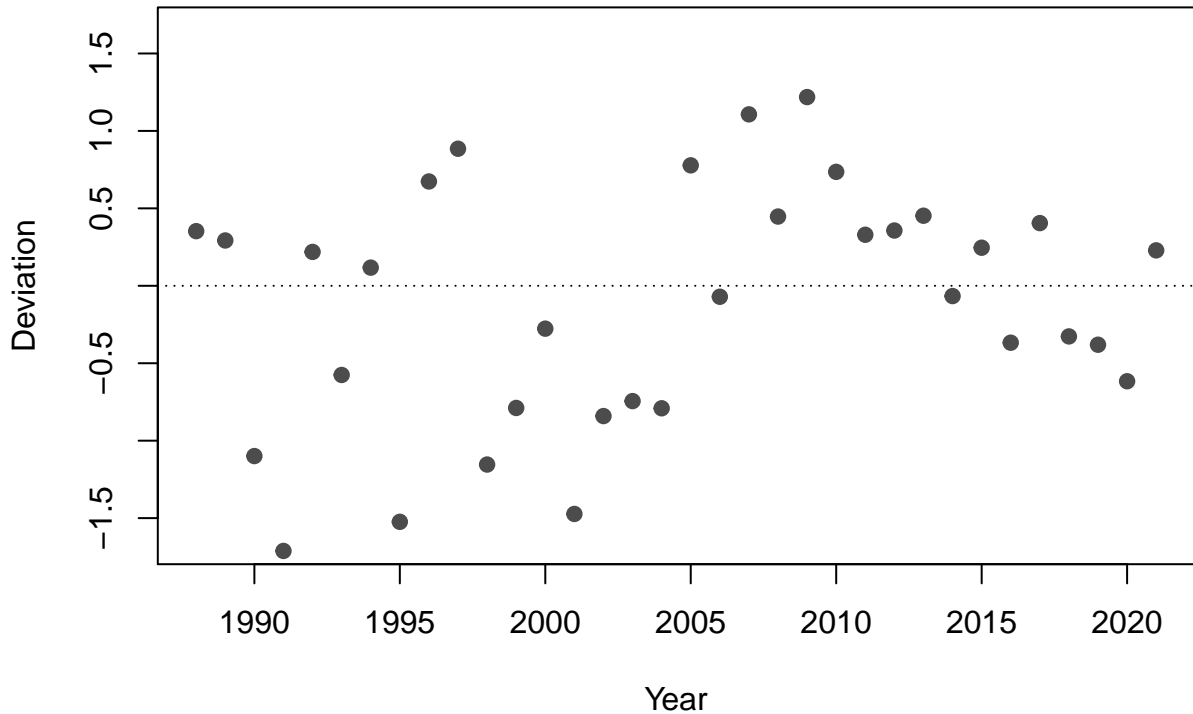


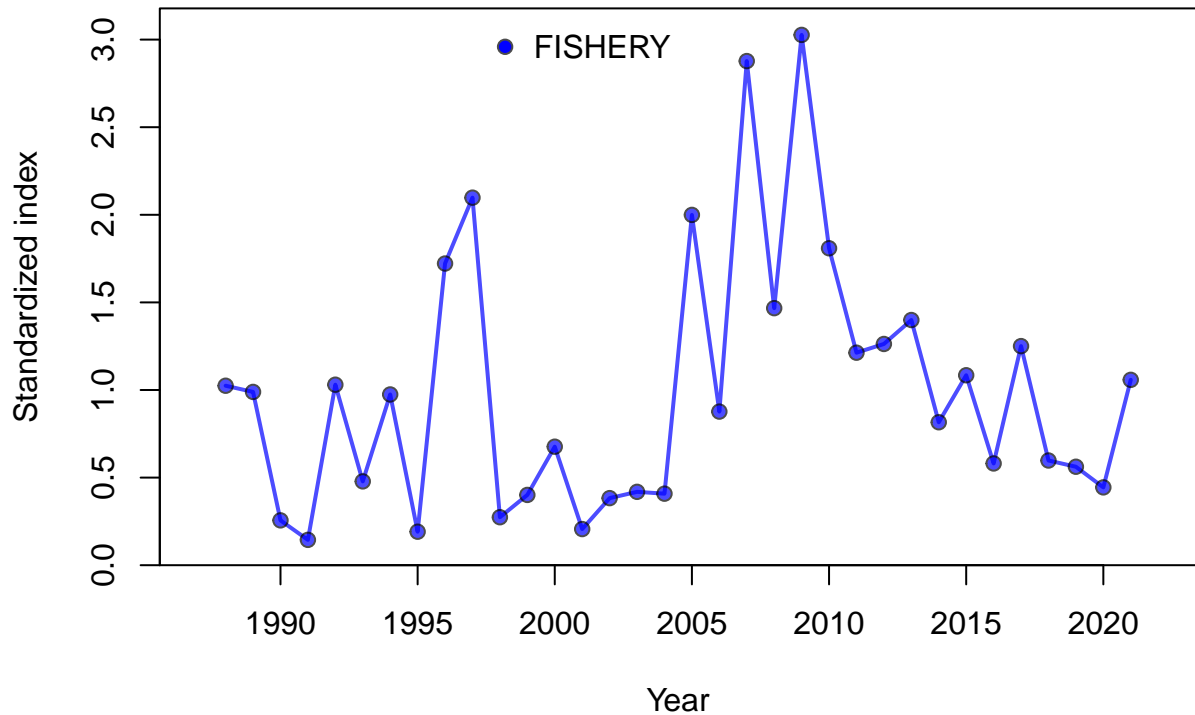
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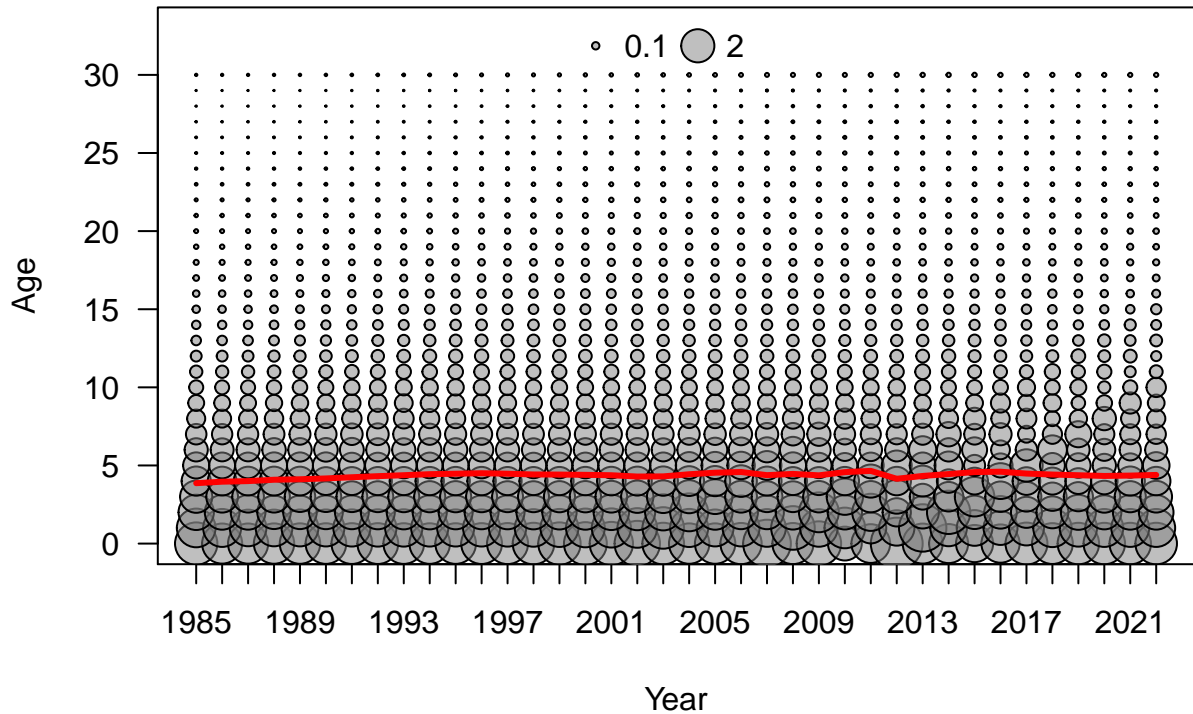


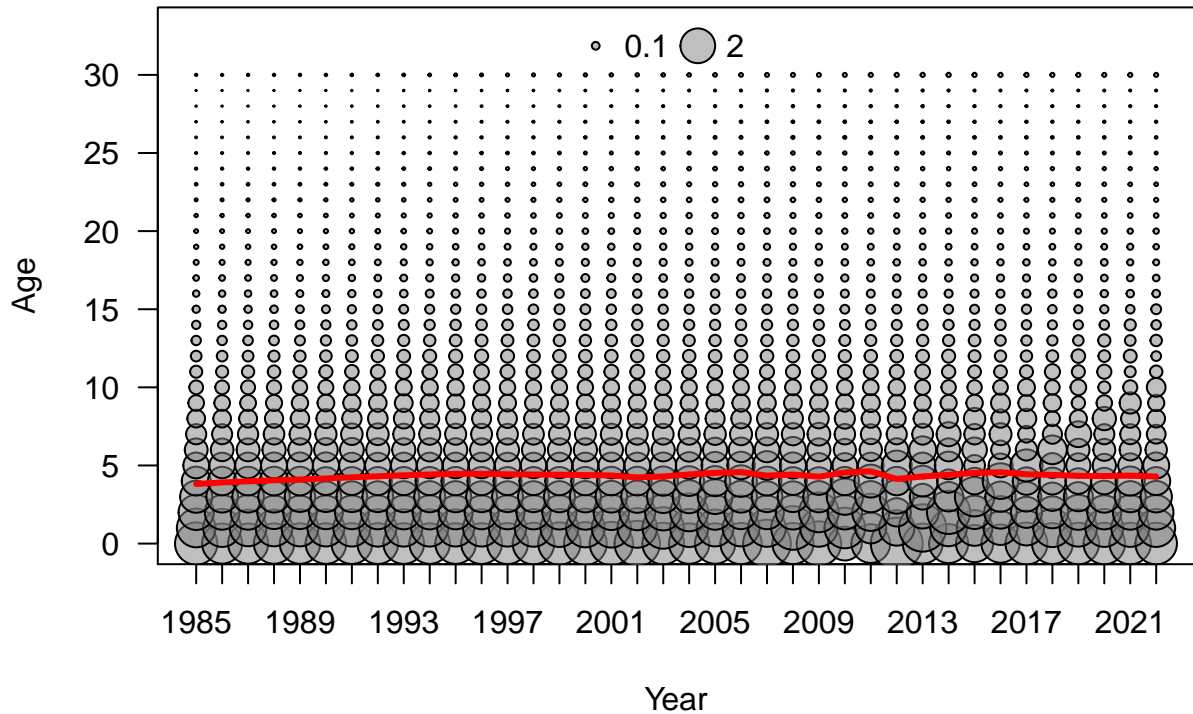










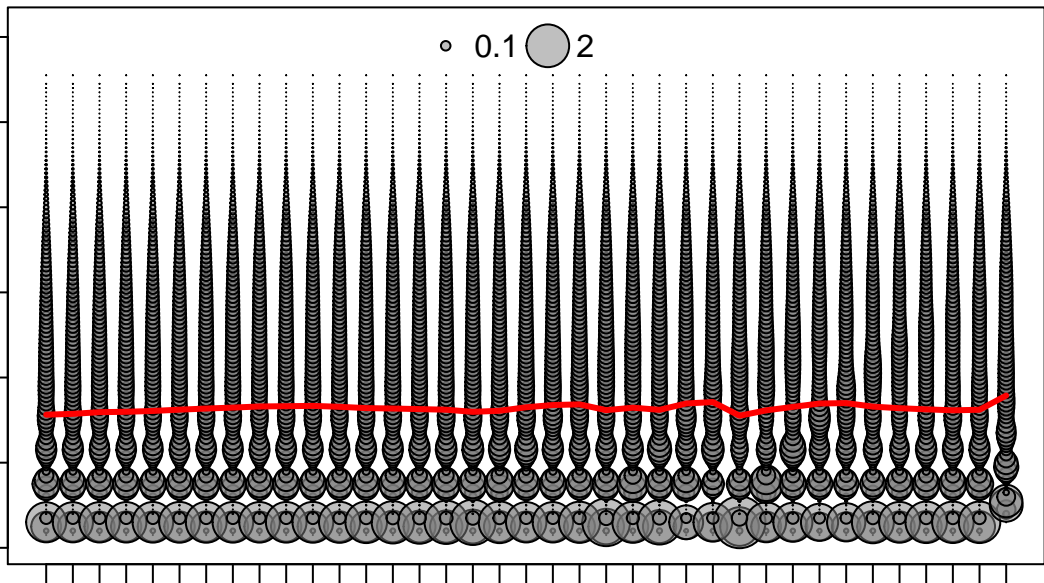


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
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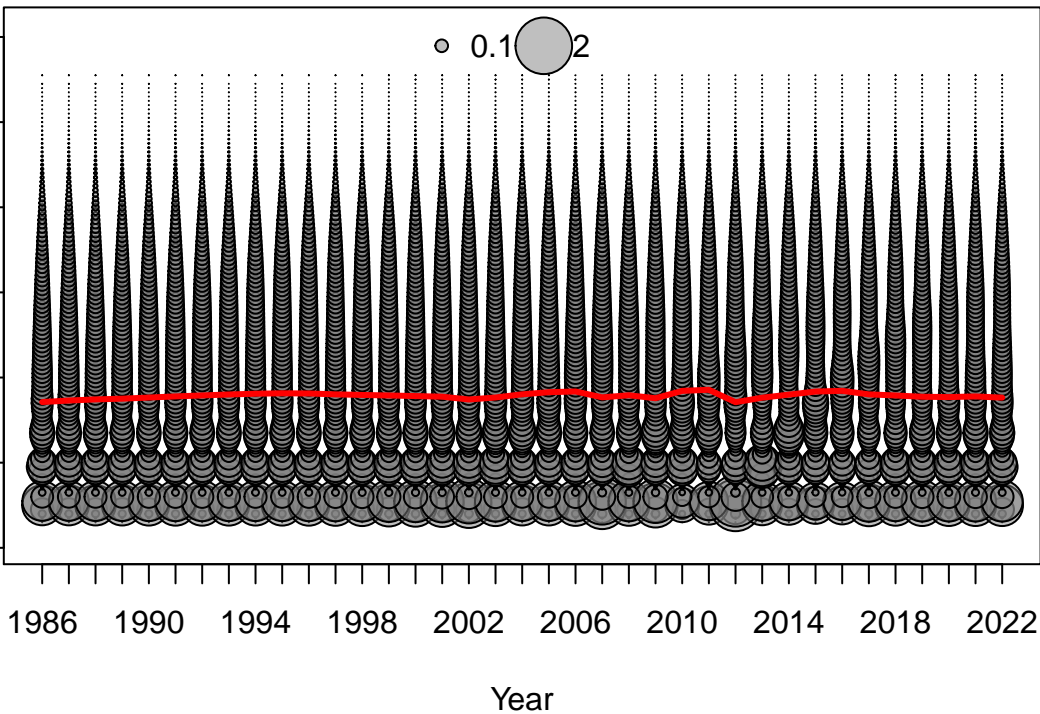
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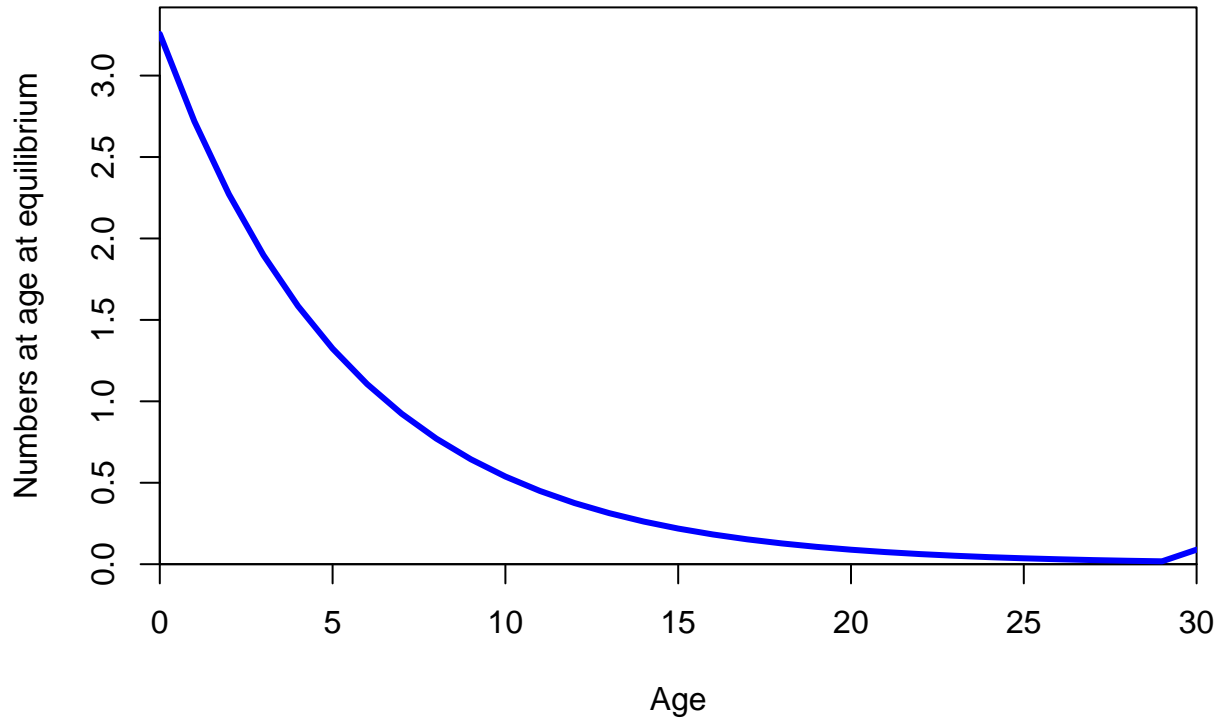
Year



Length

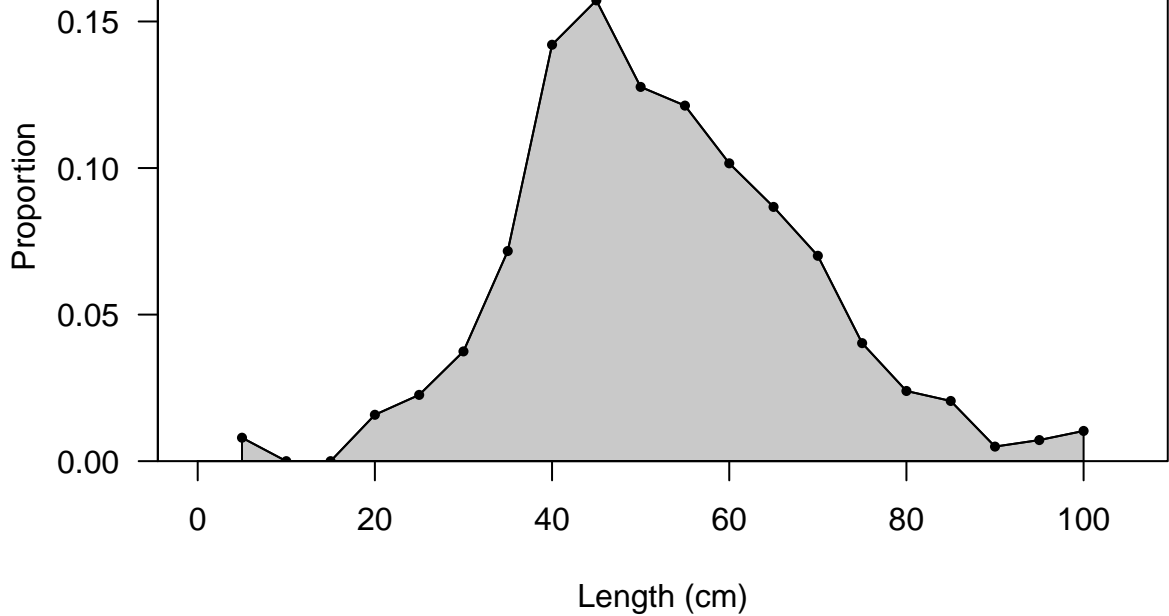
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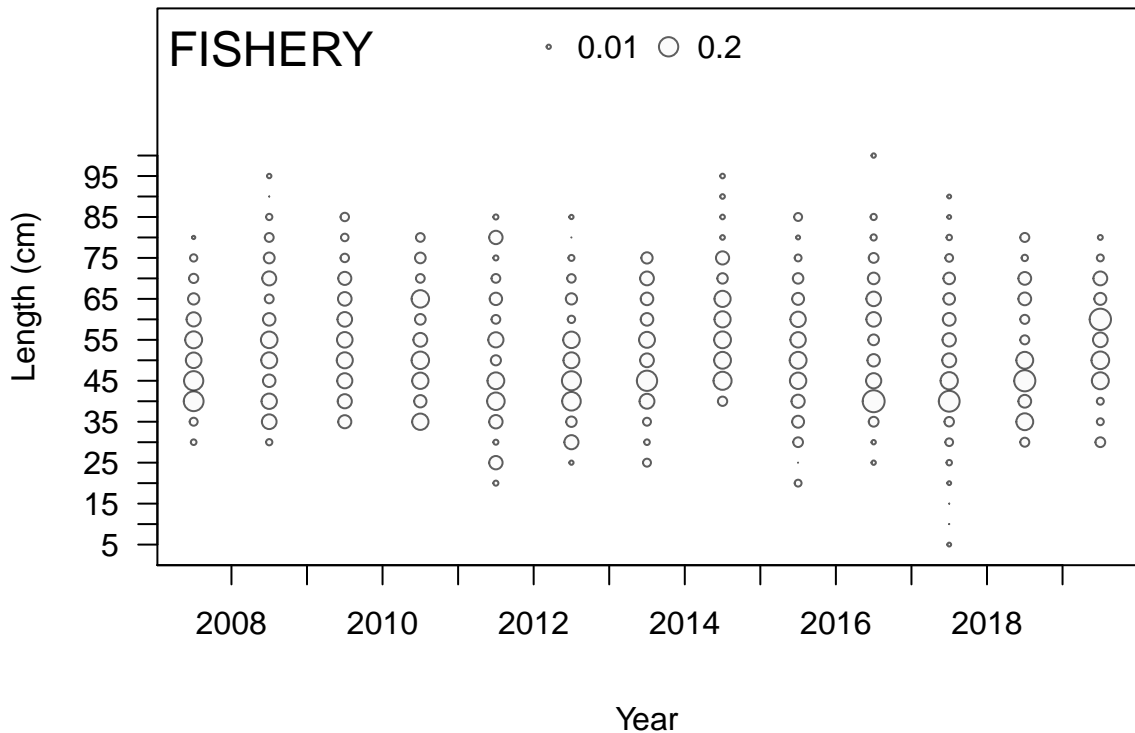




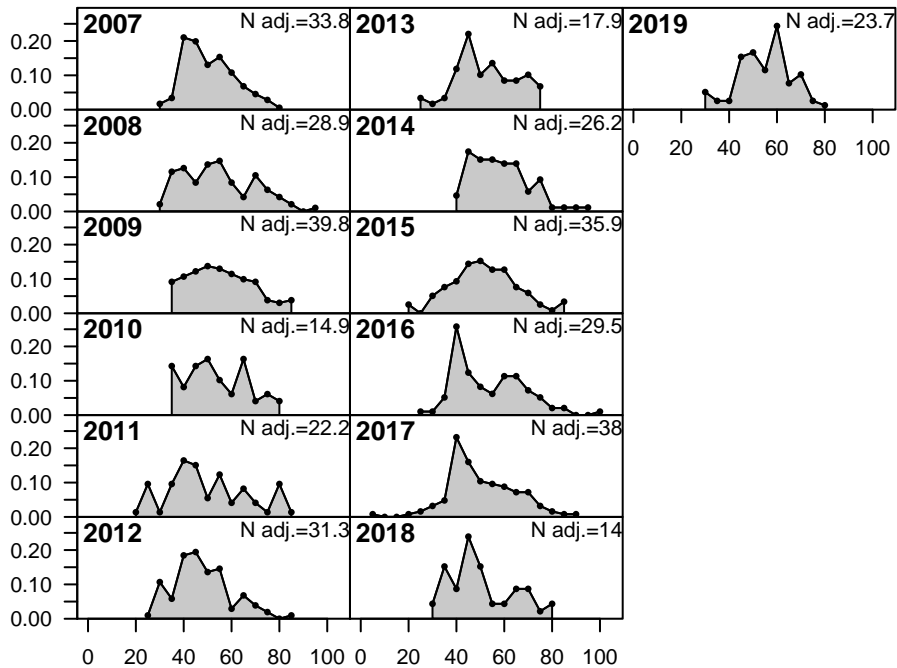
FISHERY

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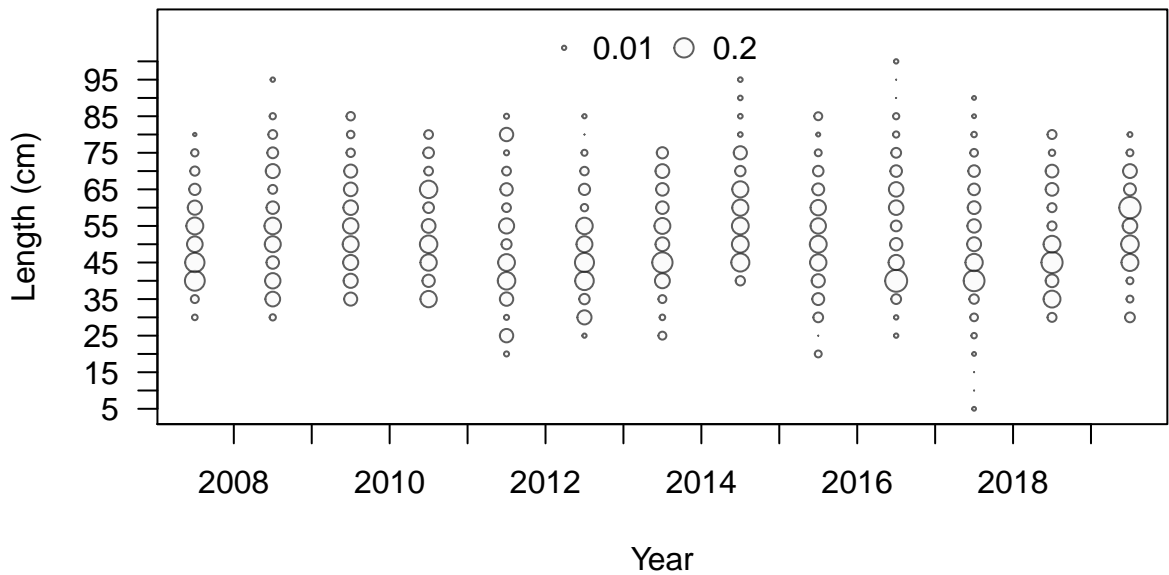




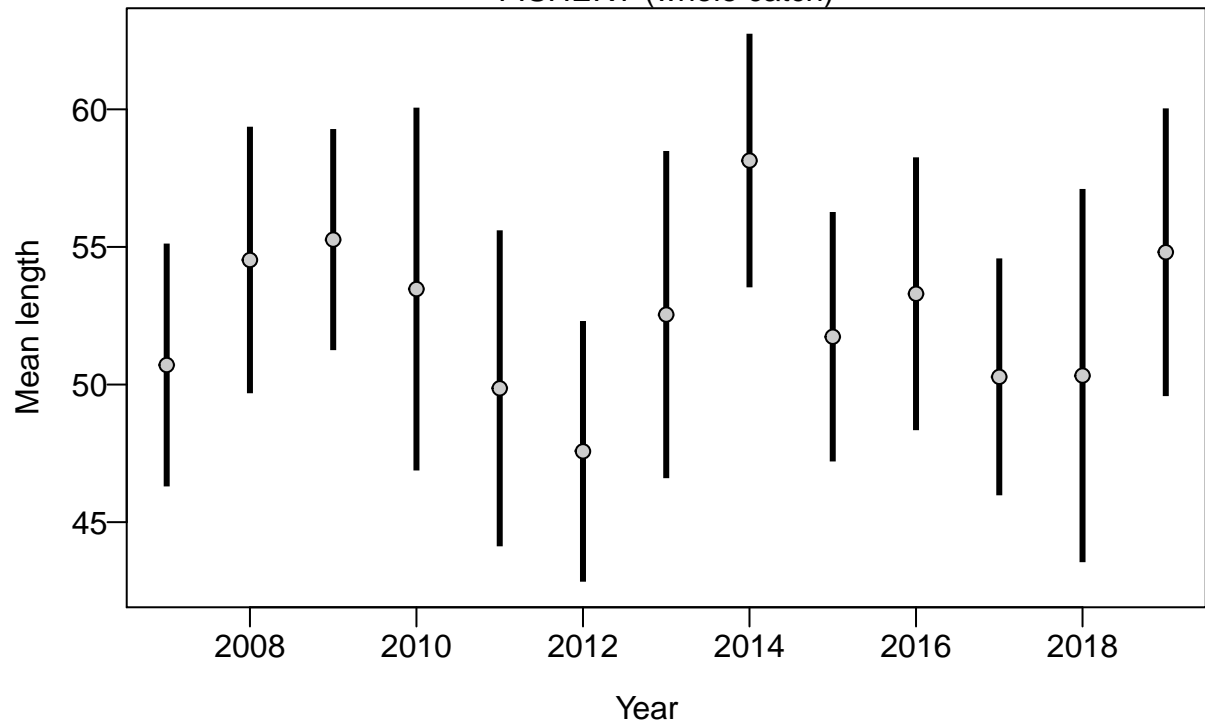
Proportion



Length (cm)

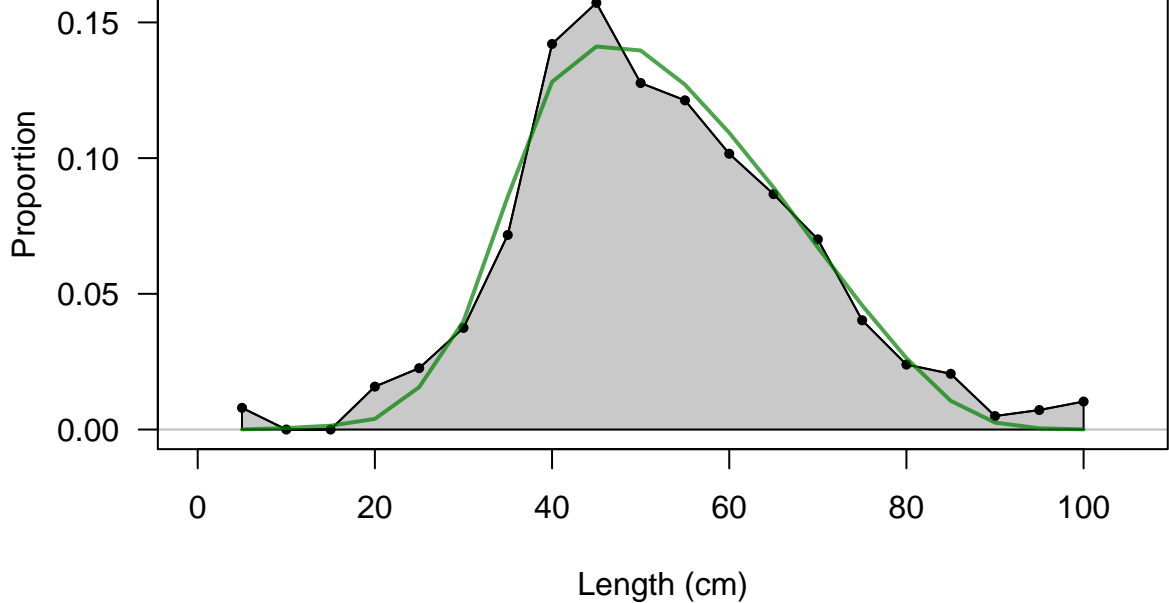


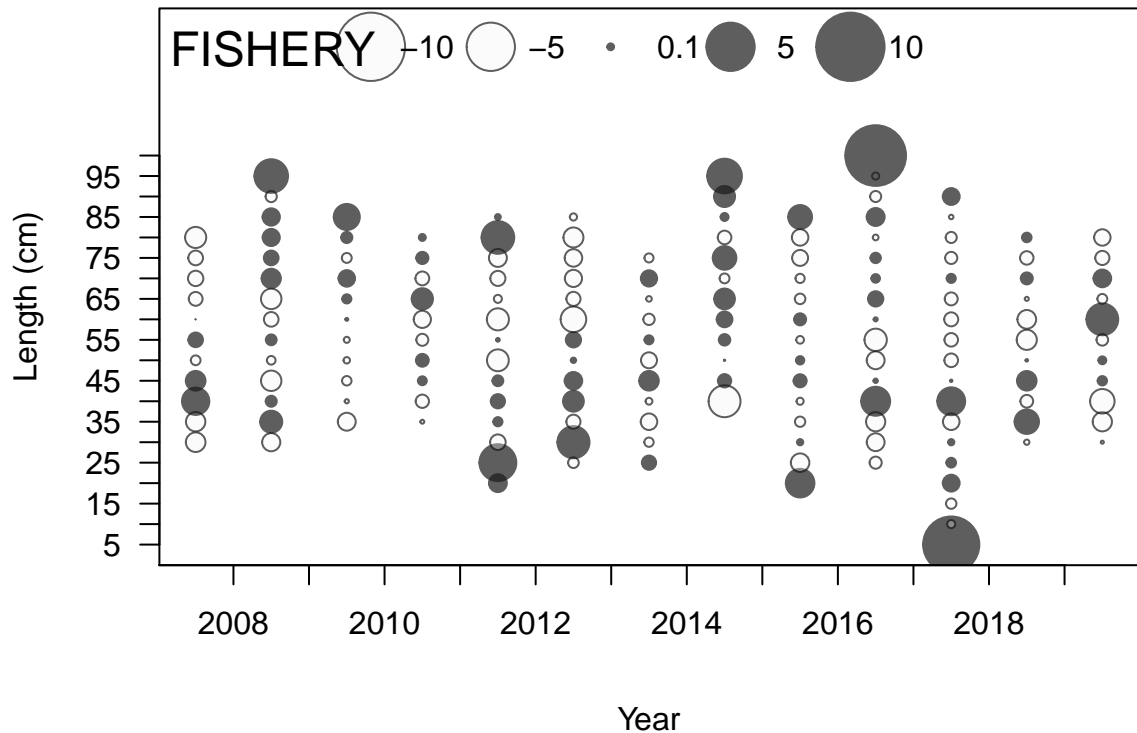
FISHERY (whole catch)

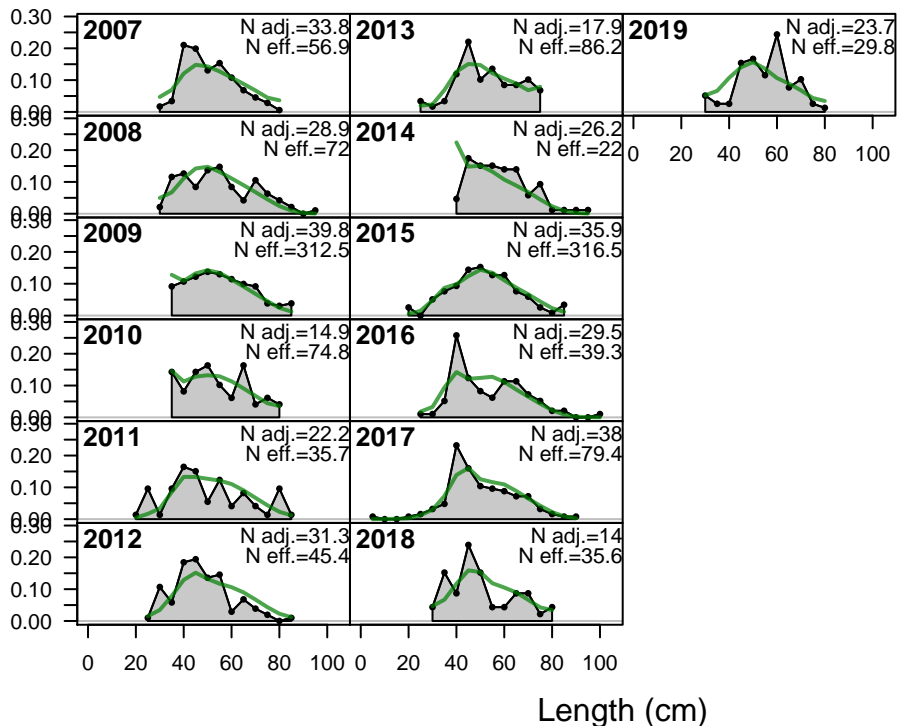


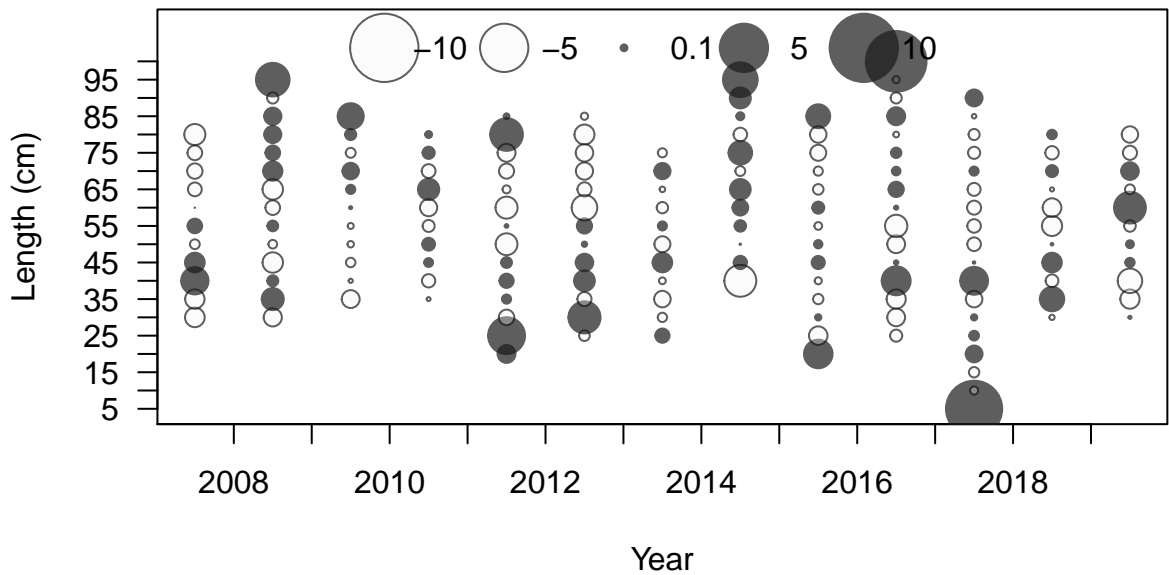
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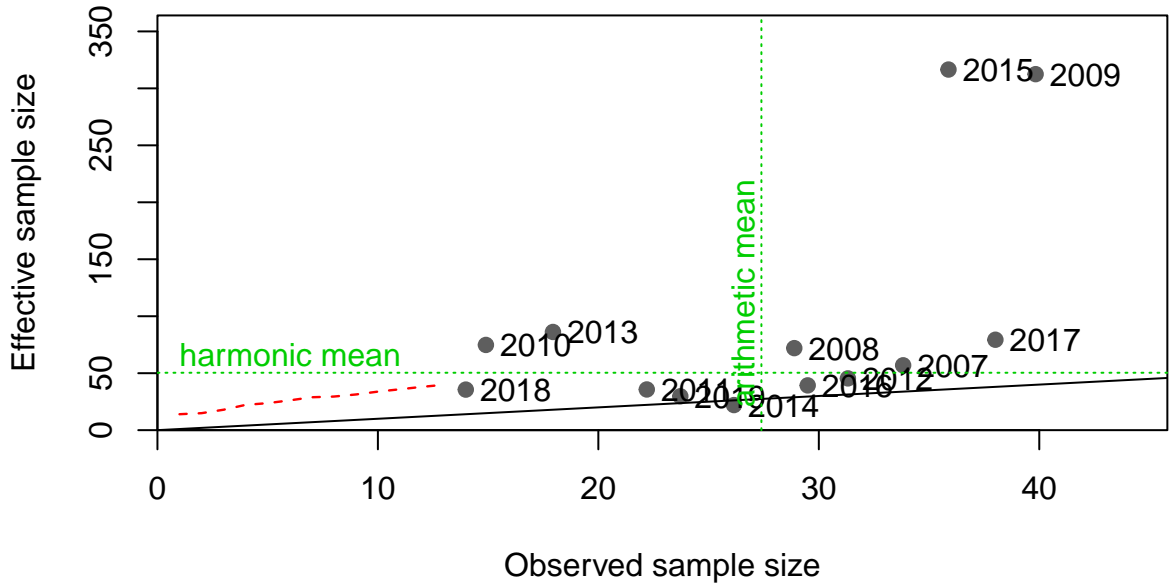
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Sum of N eff.=1206.1



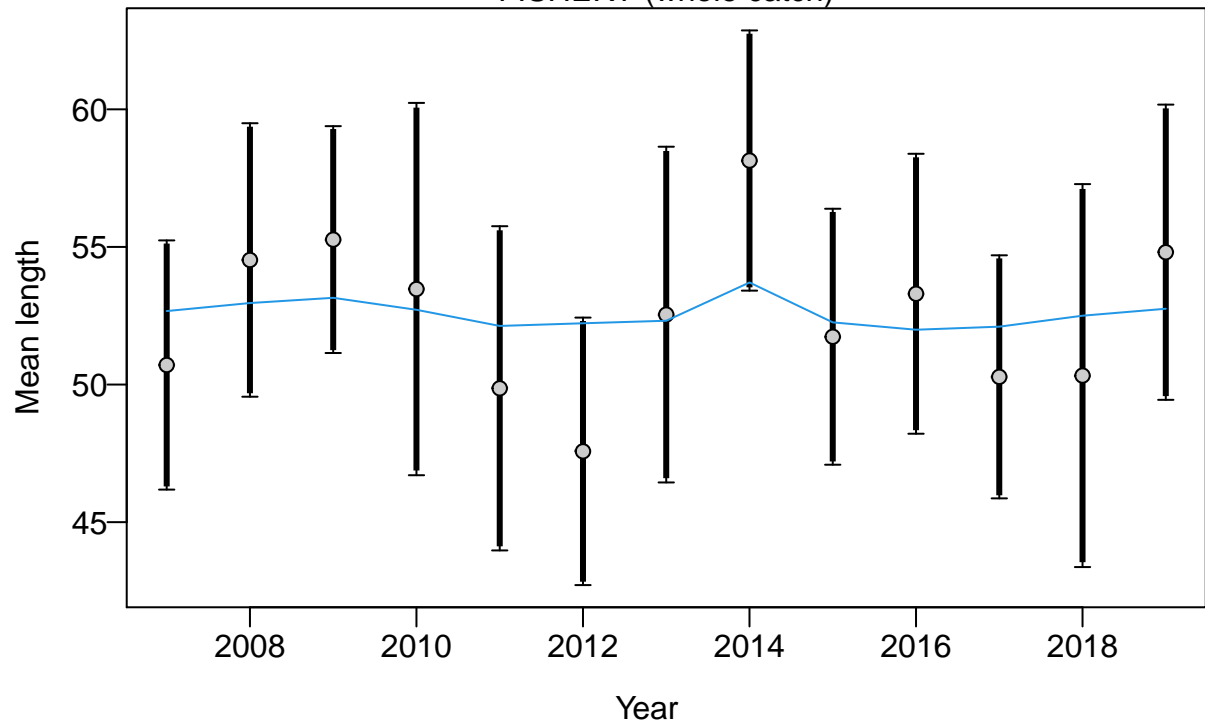


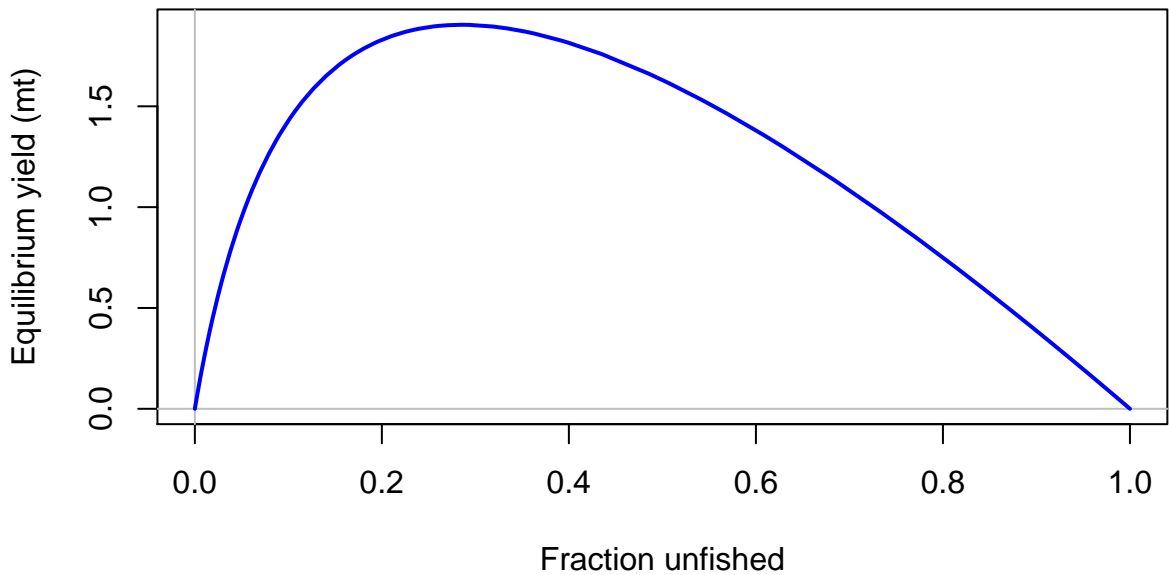


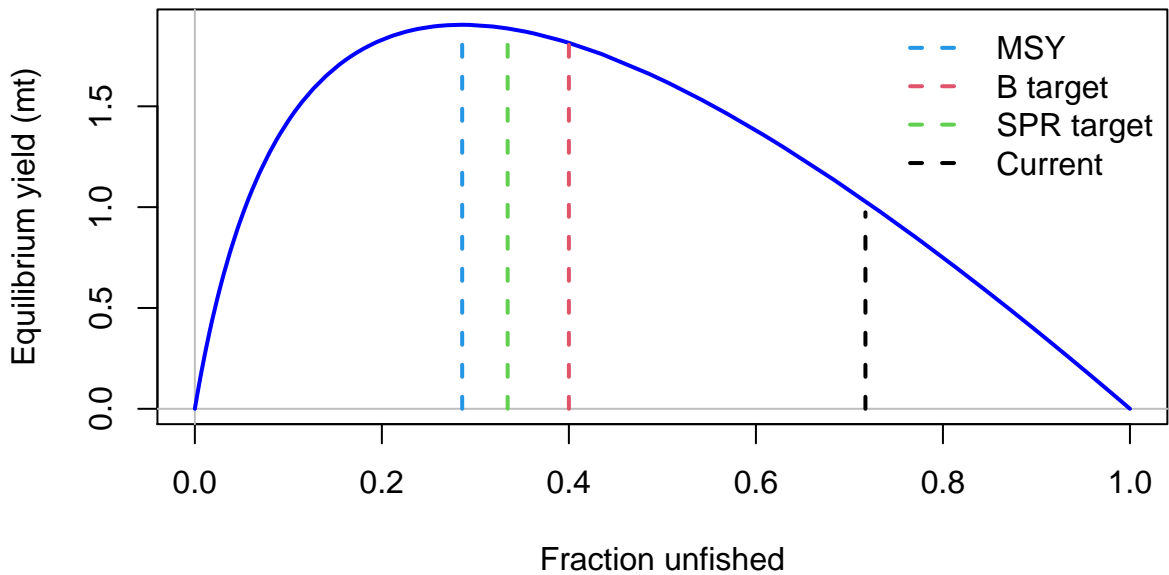


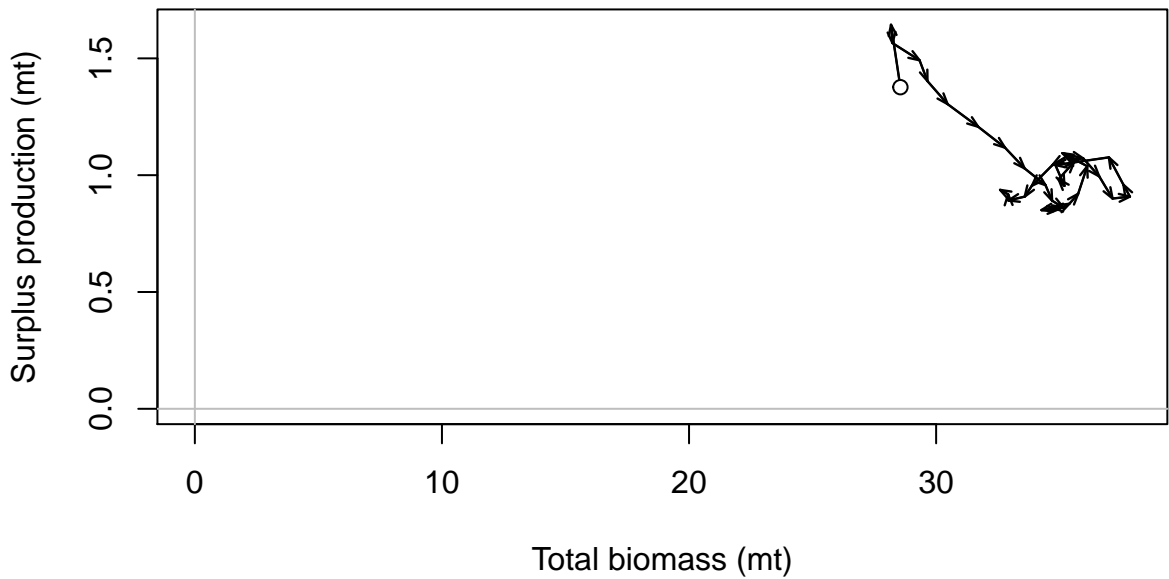


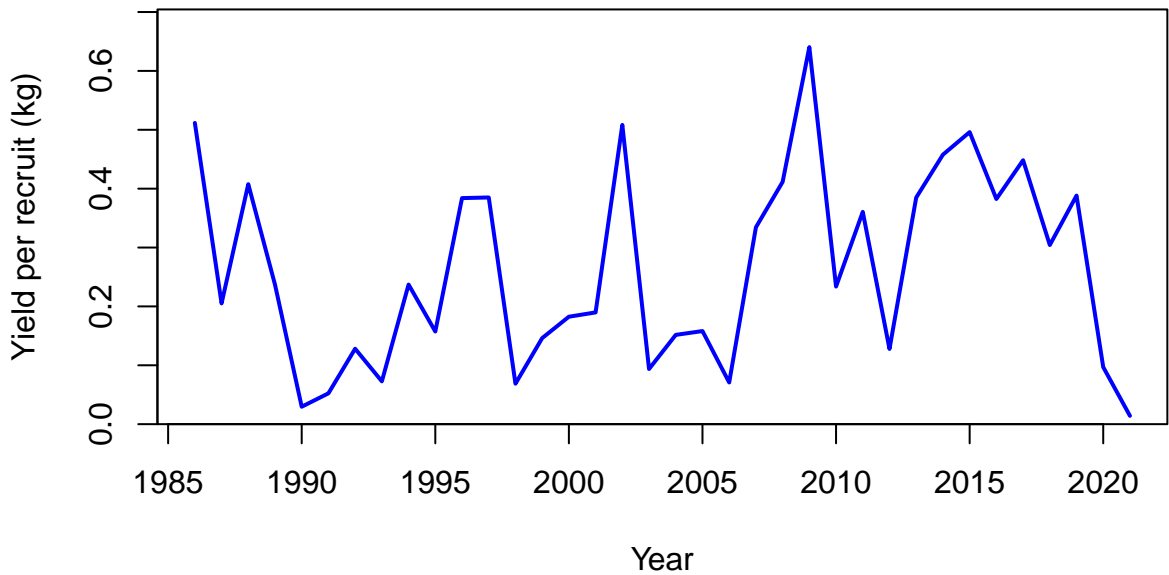
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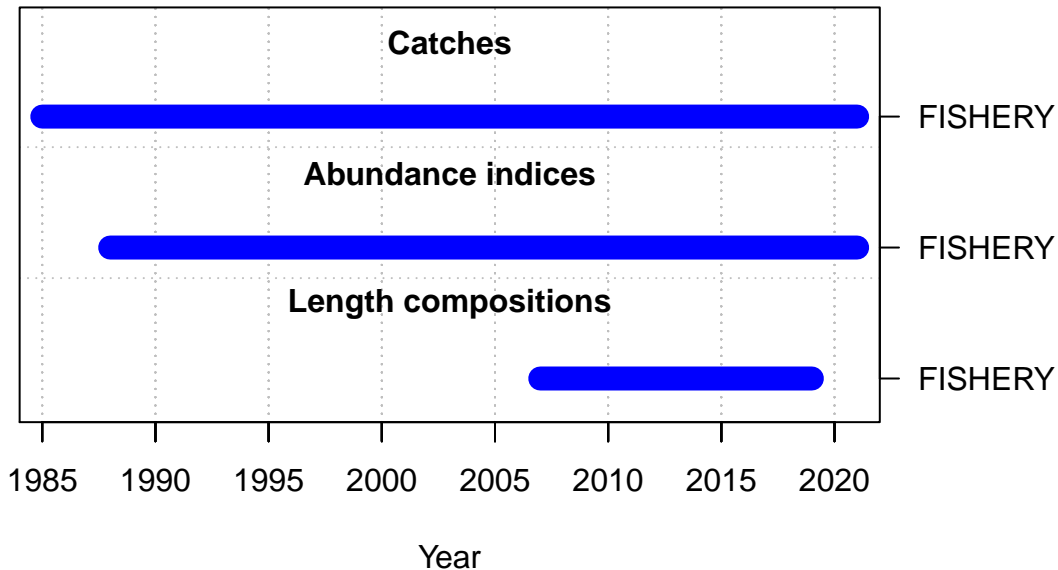


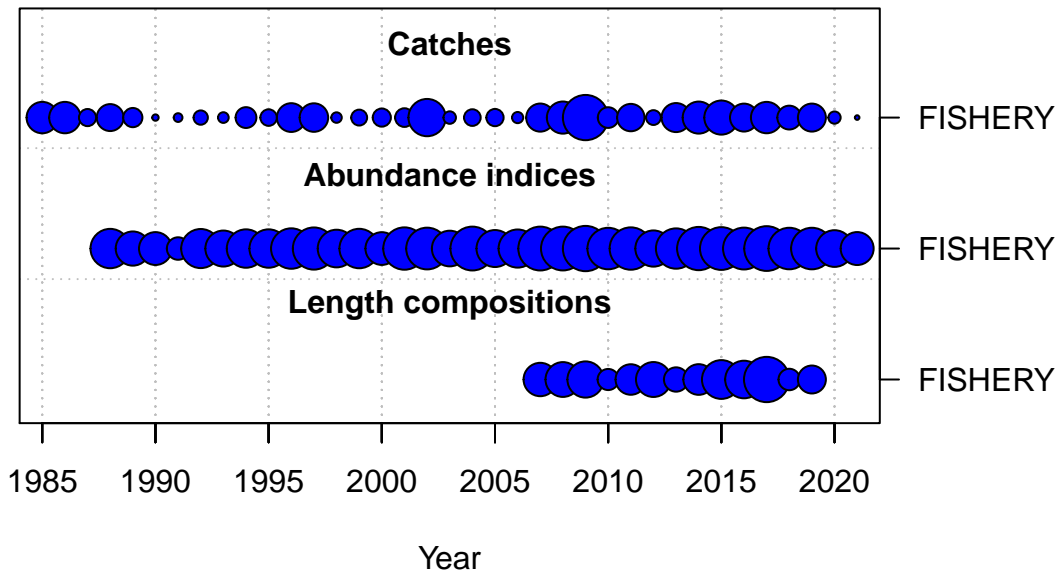




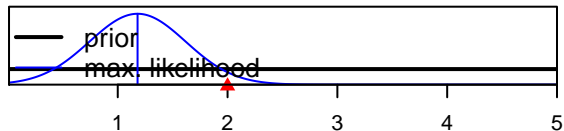




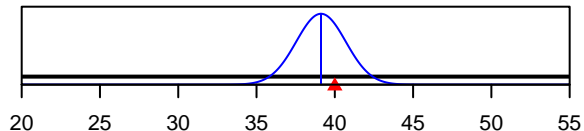




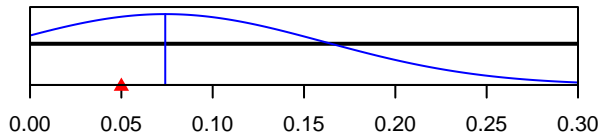
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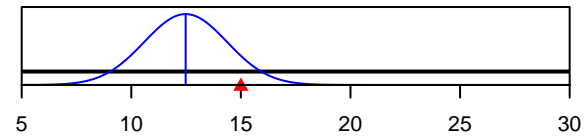
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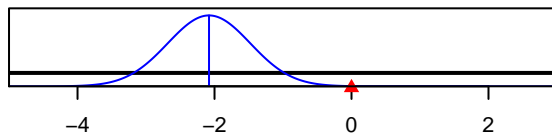
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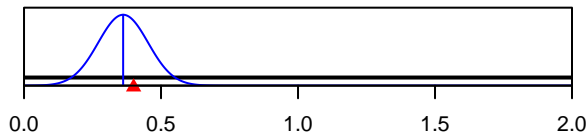
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LnQ_base_FISHERY(1)



Q_extraSD_FISHERY(1)



Parameter value