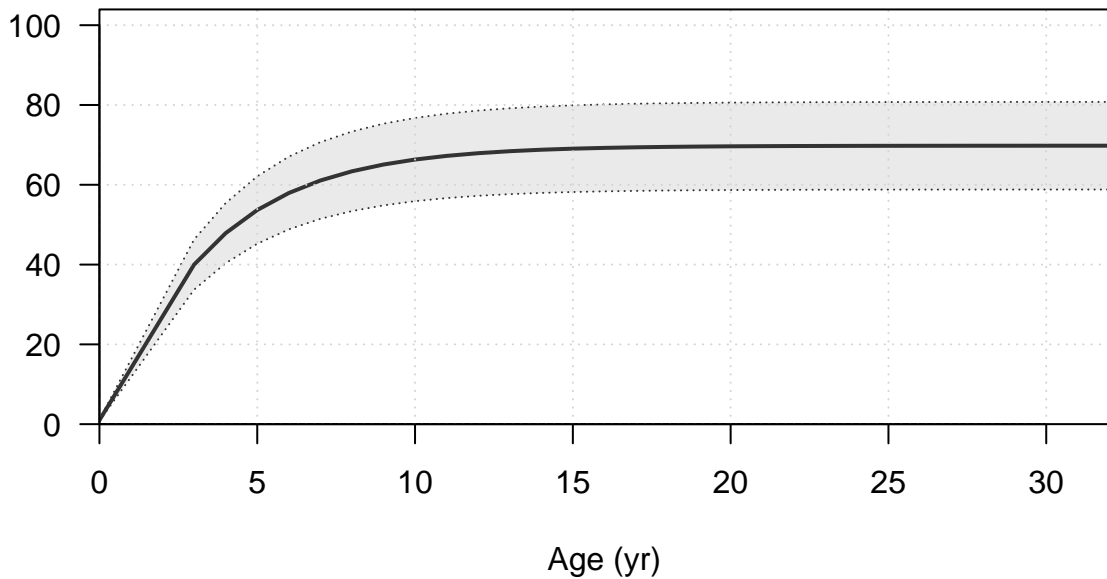
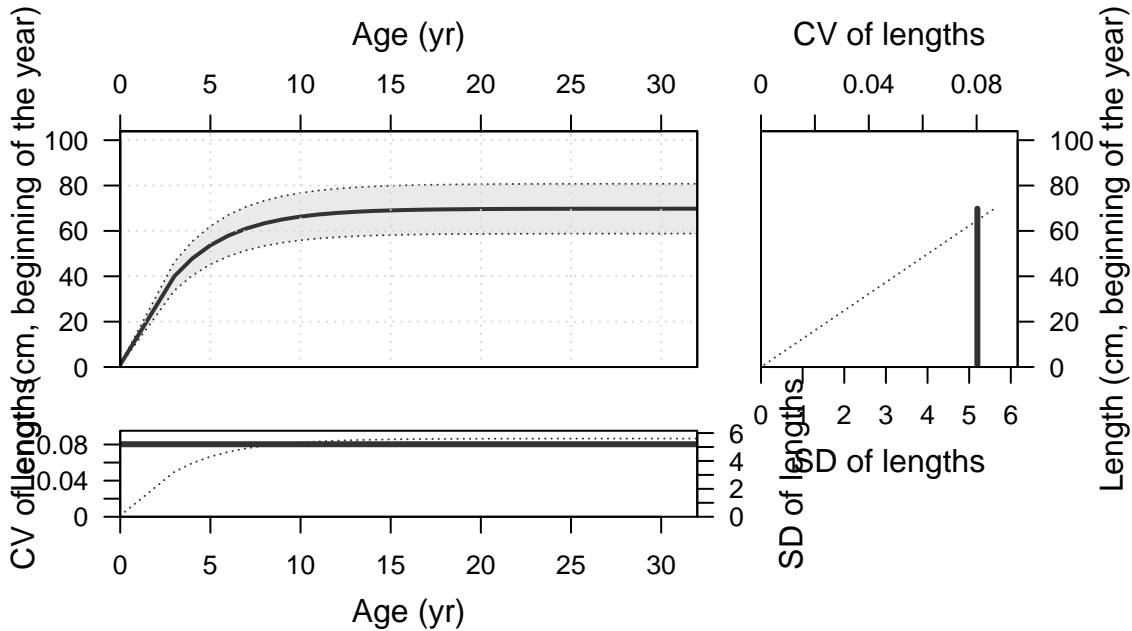
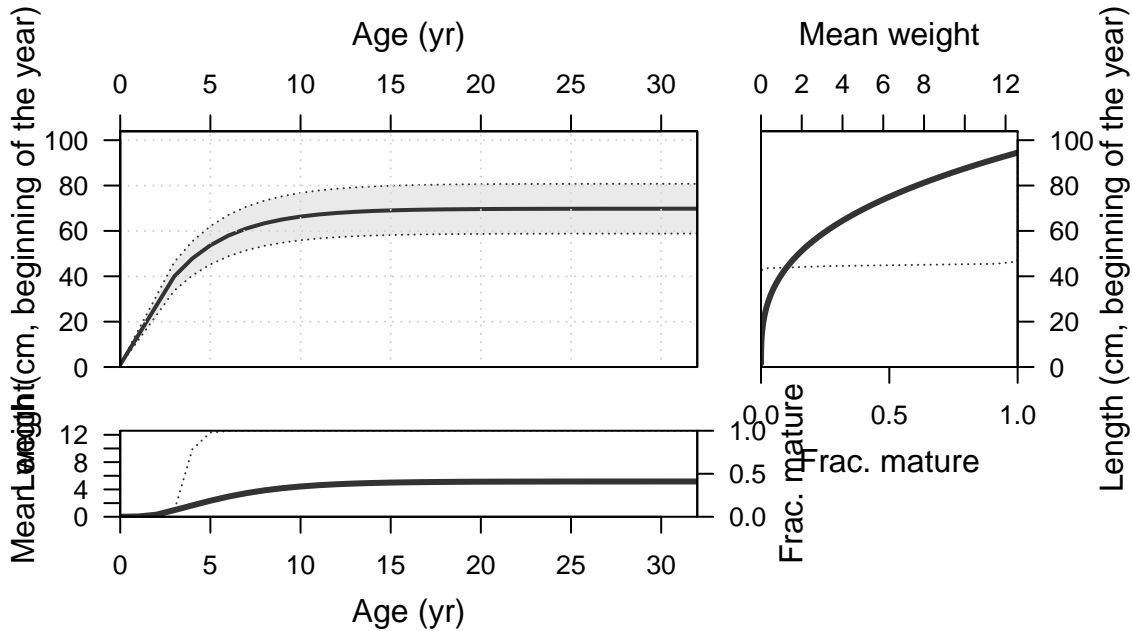


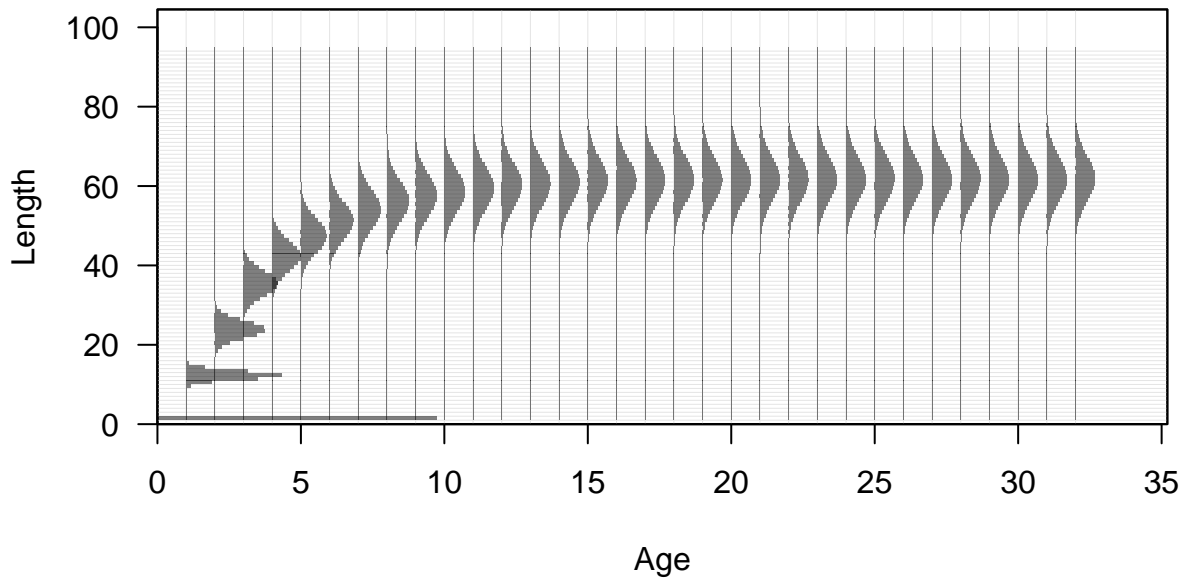
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Wed Aug 24 15:28:26 2022
Data_File: data.ss
Control_File: control.ss

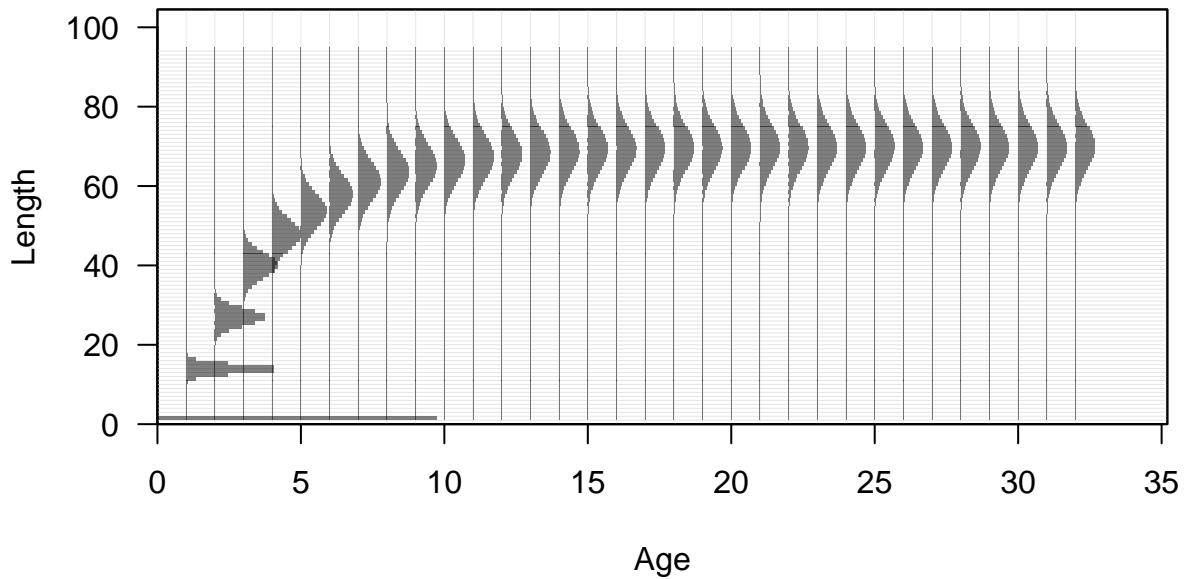
Length (cm, beginning of the year)

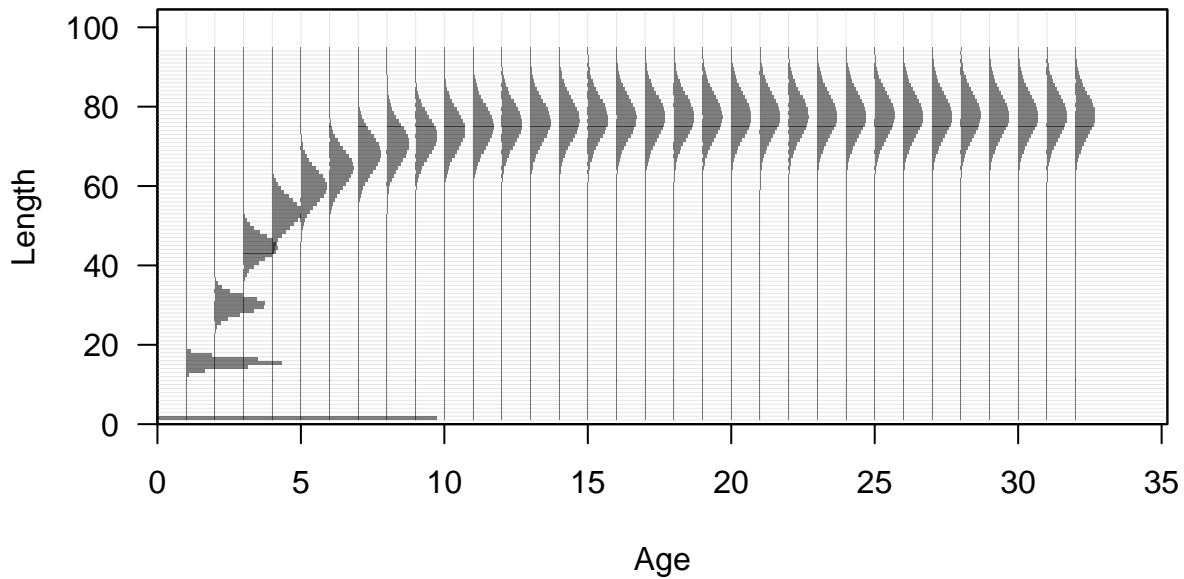


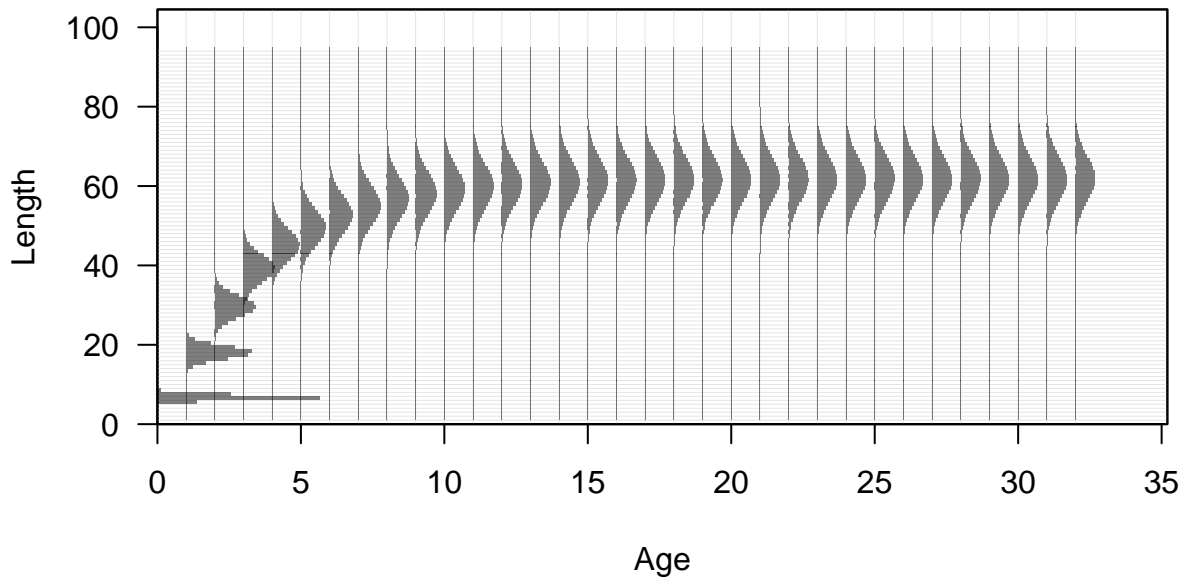


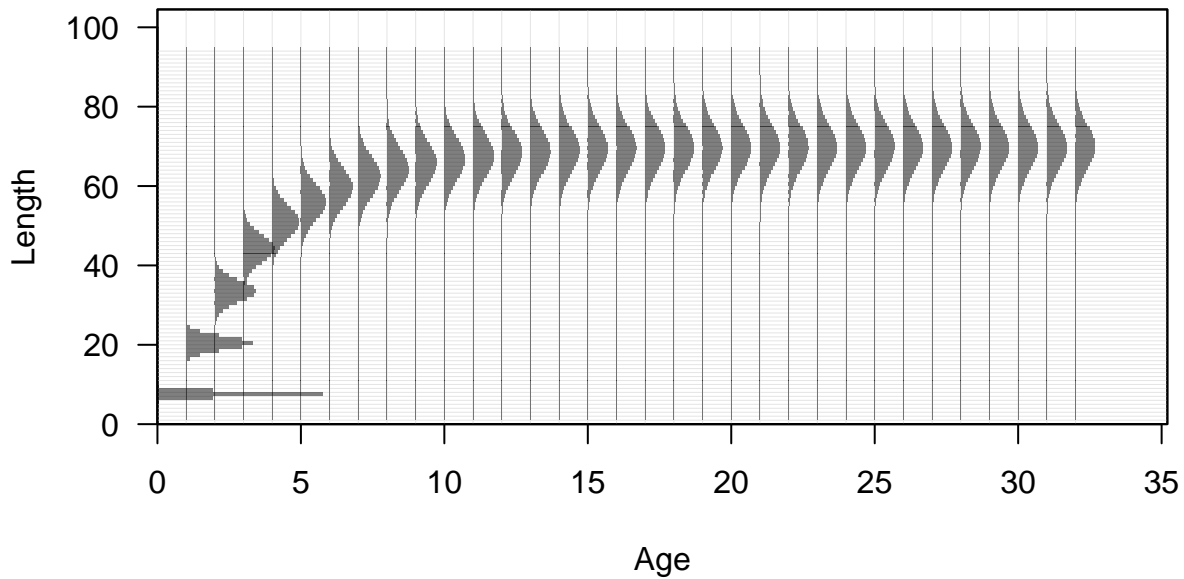


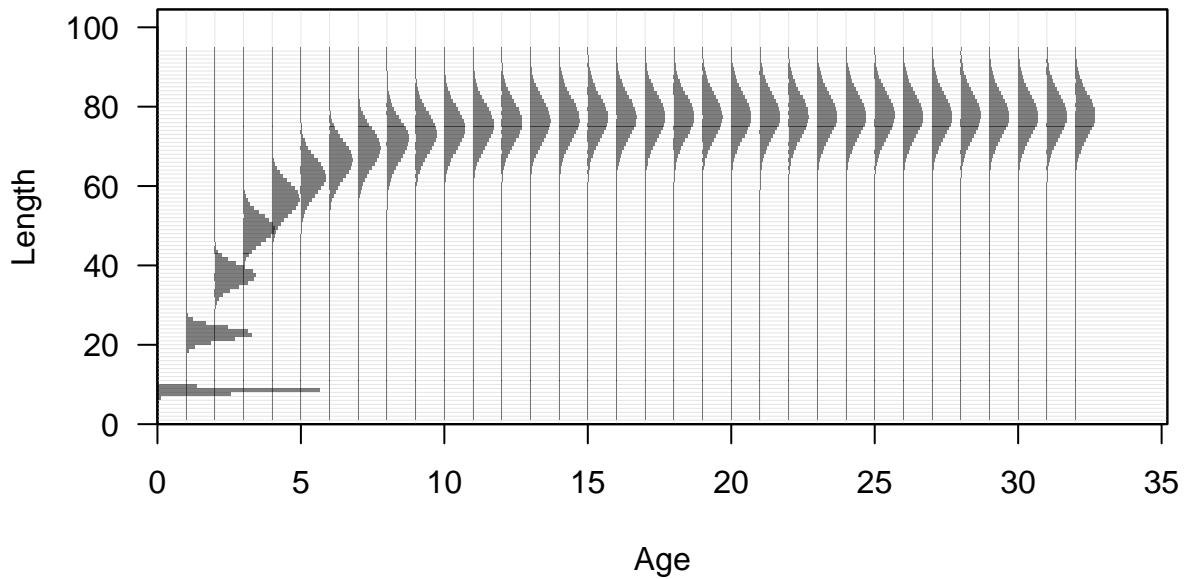










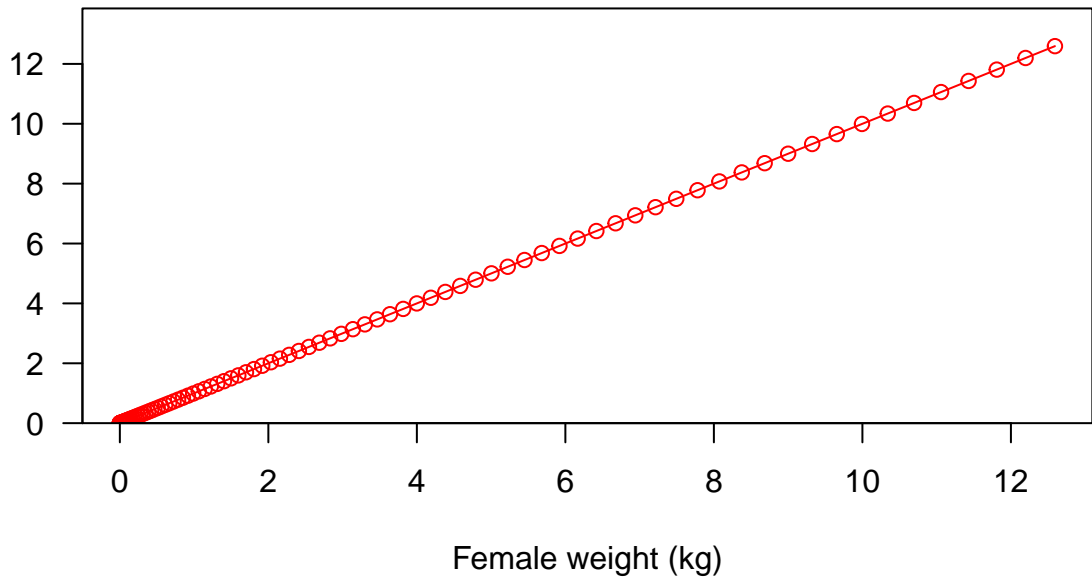








Fecundity



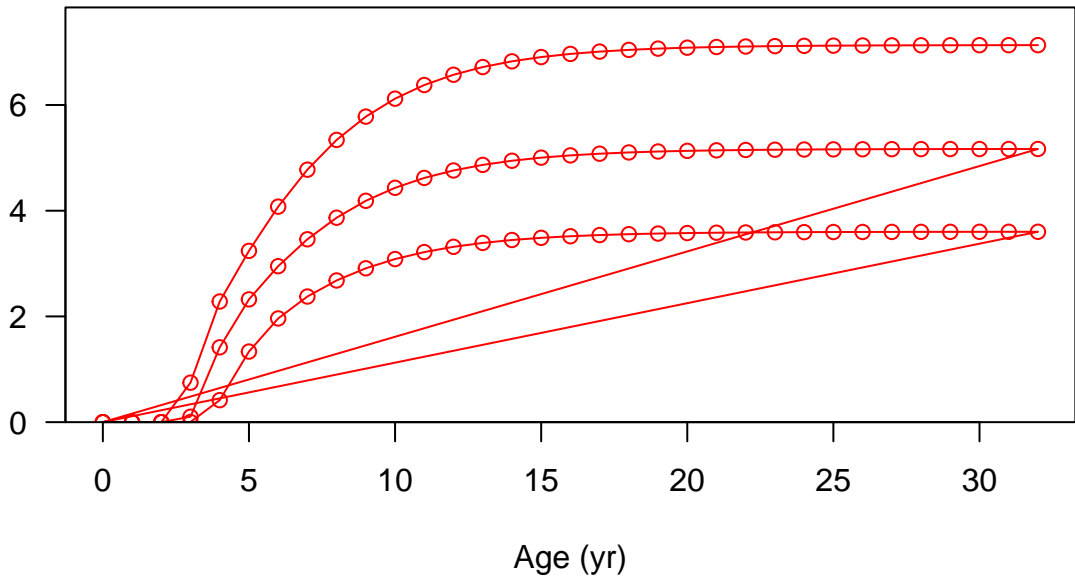
Fecundity



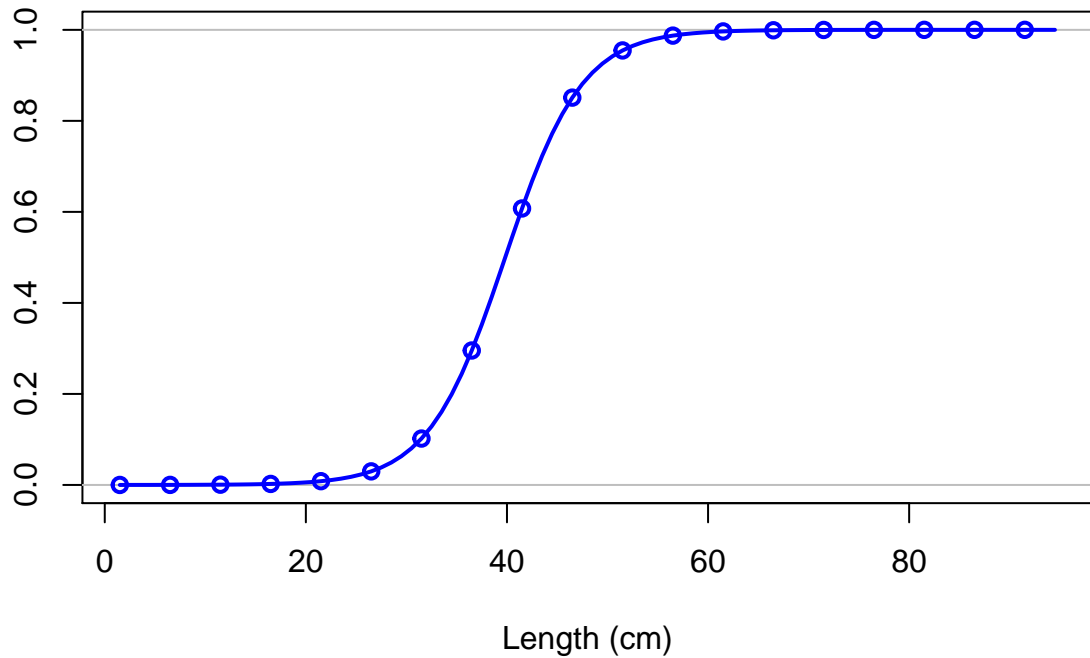
Spawning output



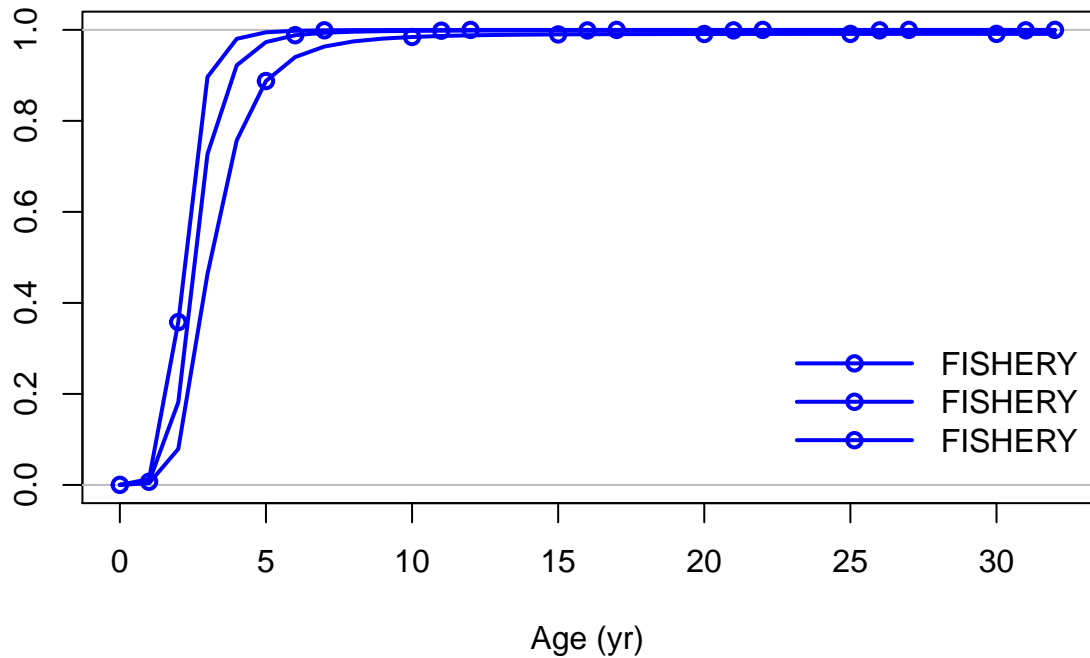
Spawning output



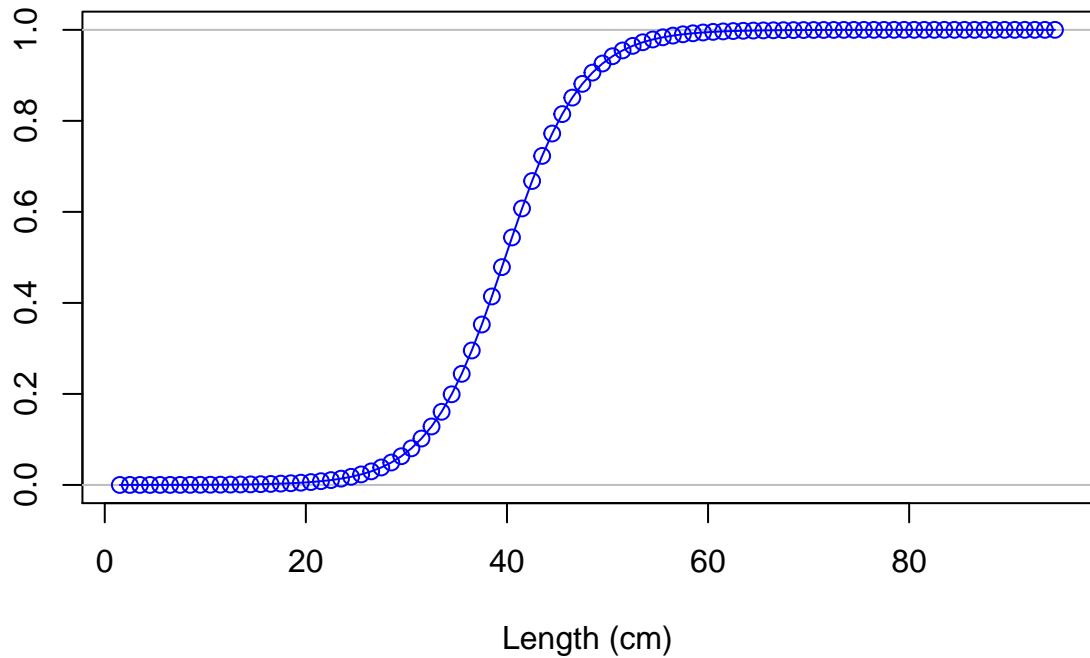
Selectivity

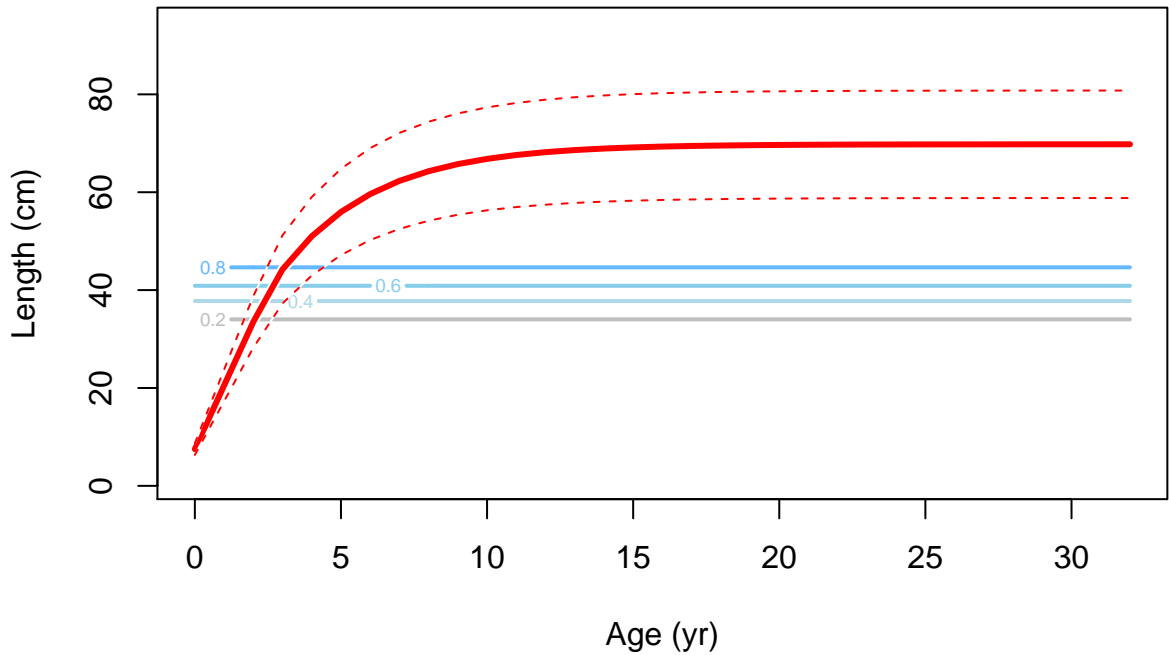


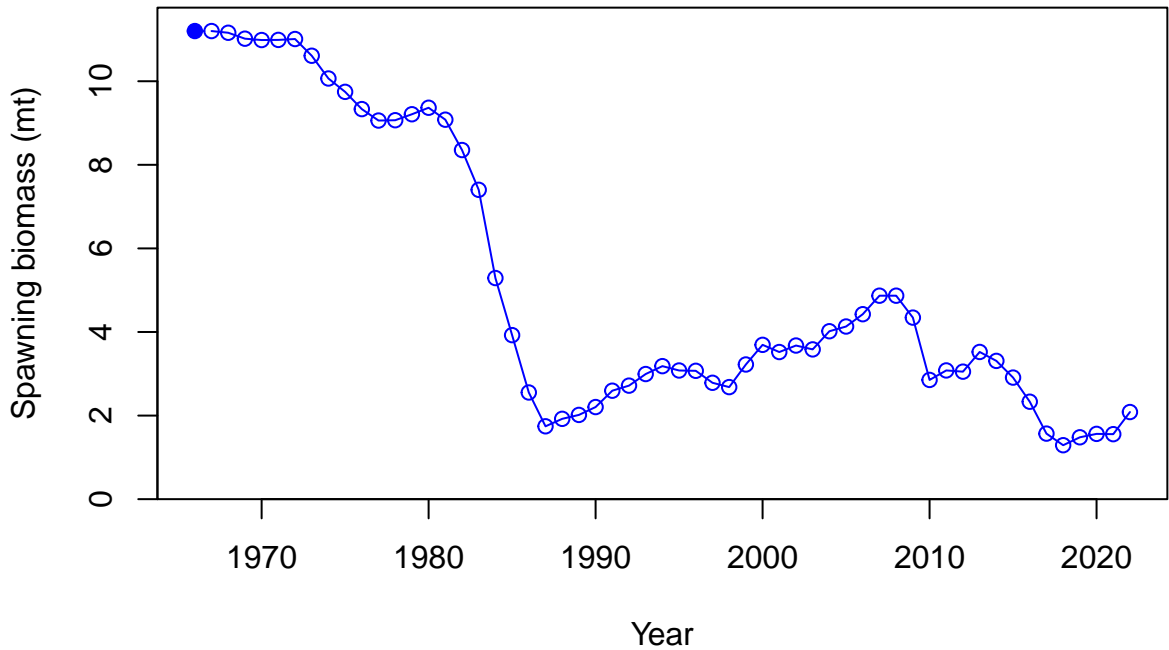
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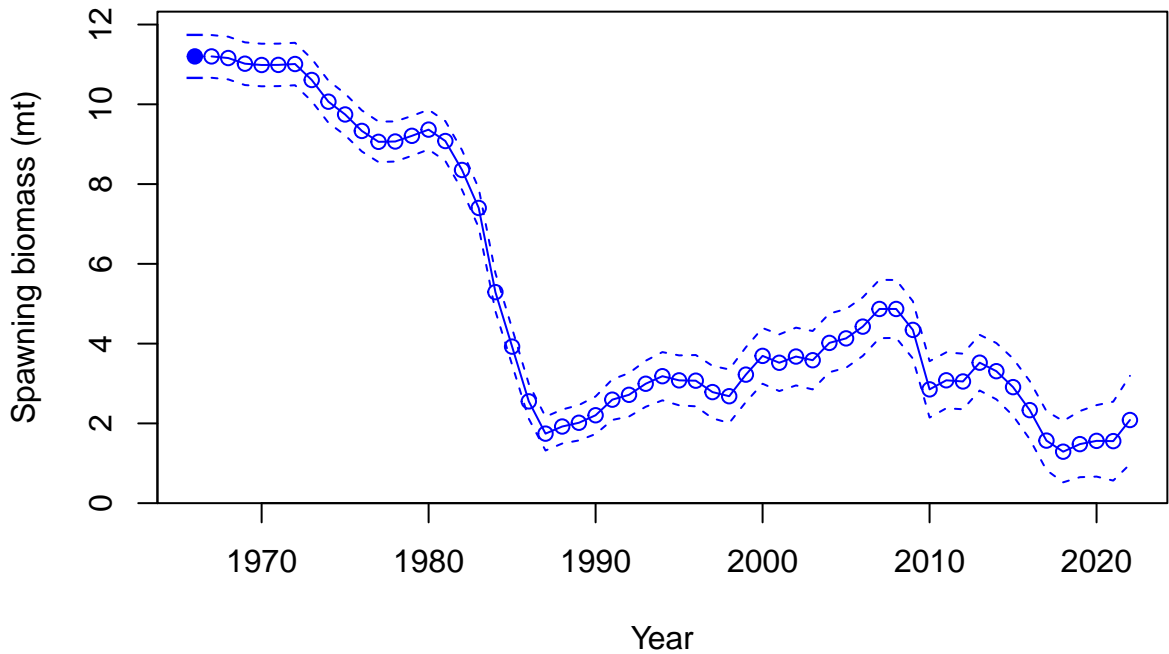


Selectivity

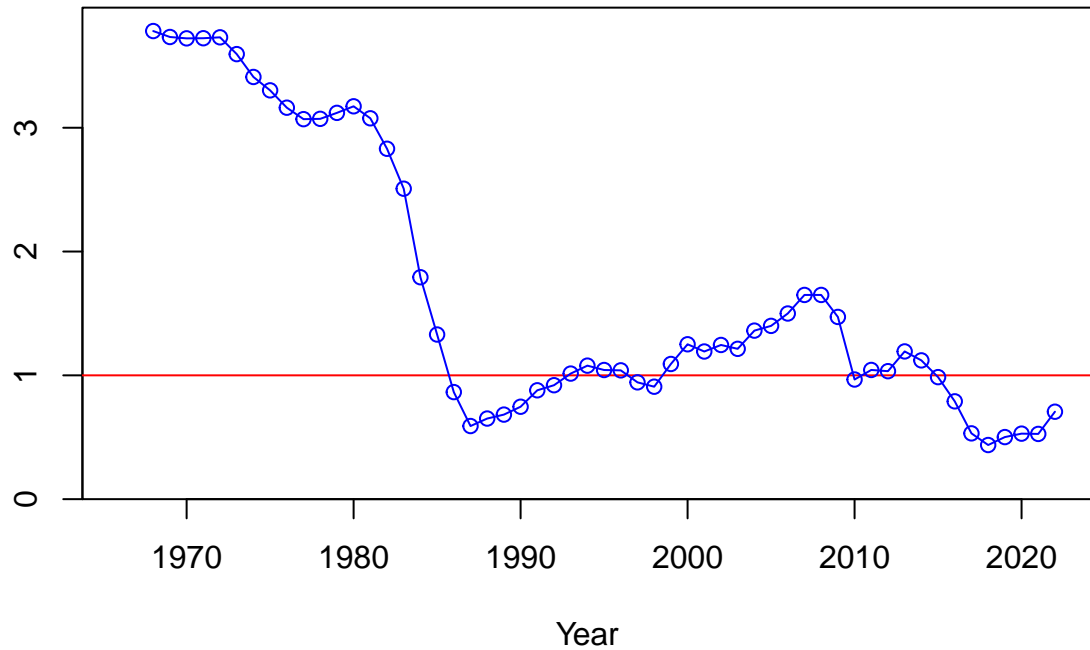




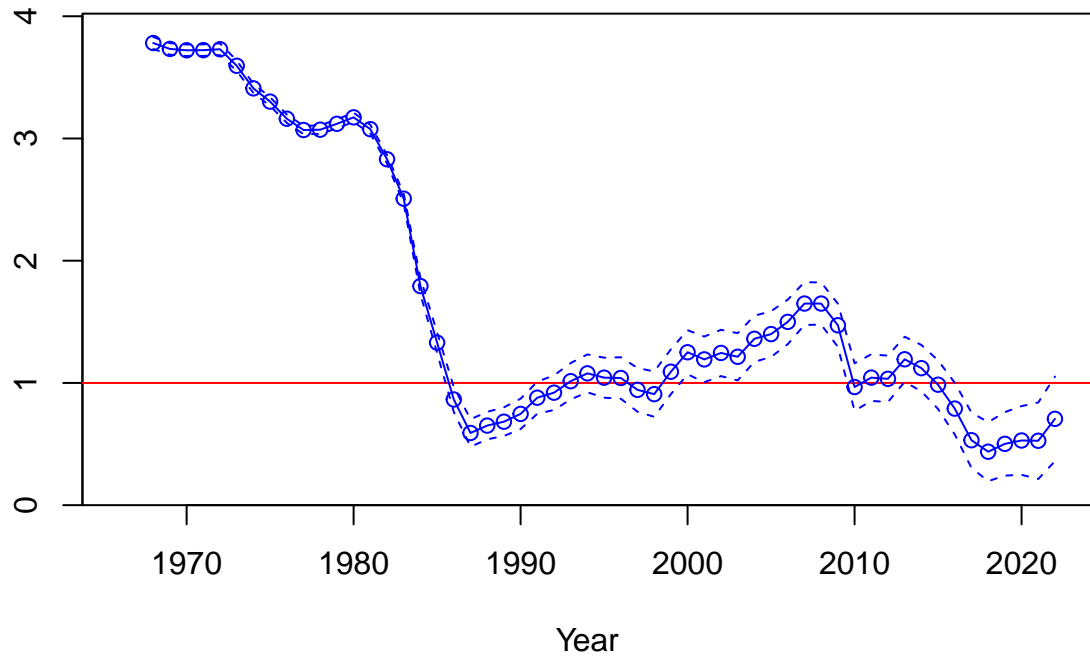


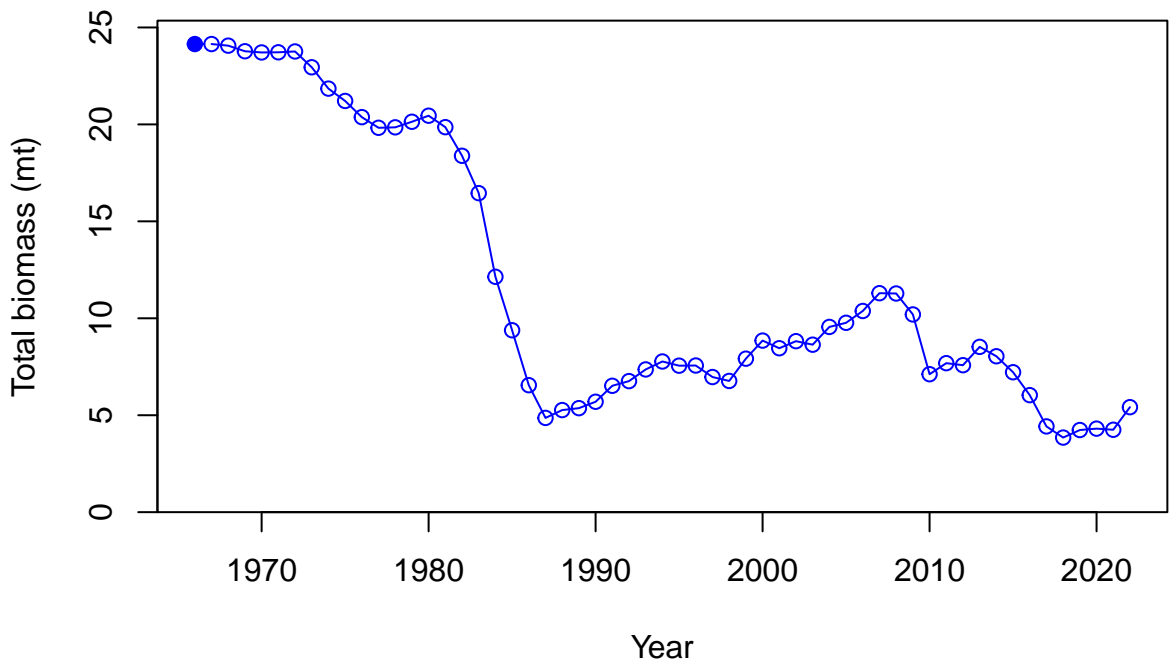


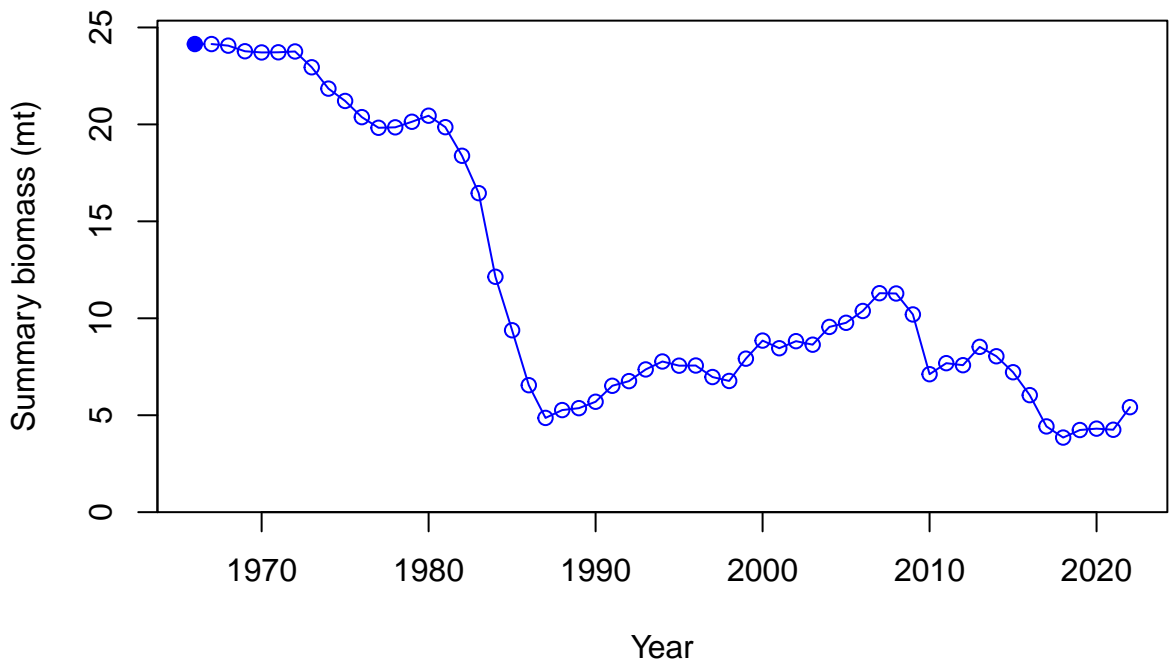
Relative spawning biomass: B/B_{MSY}



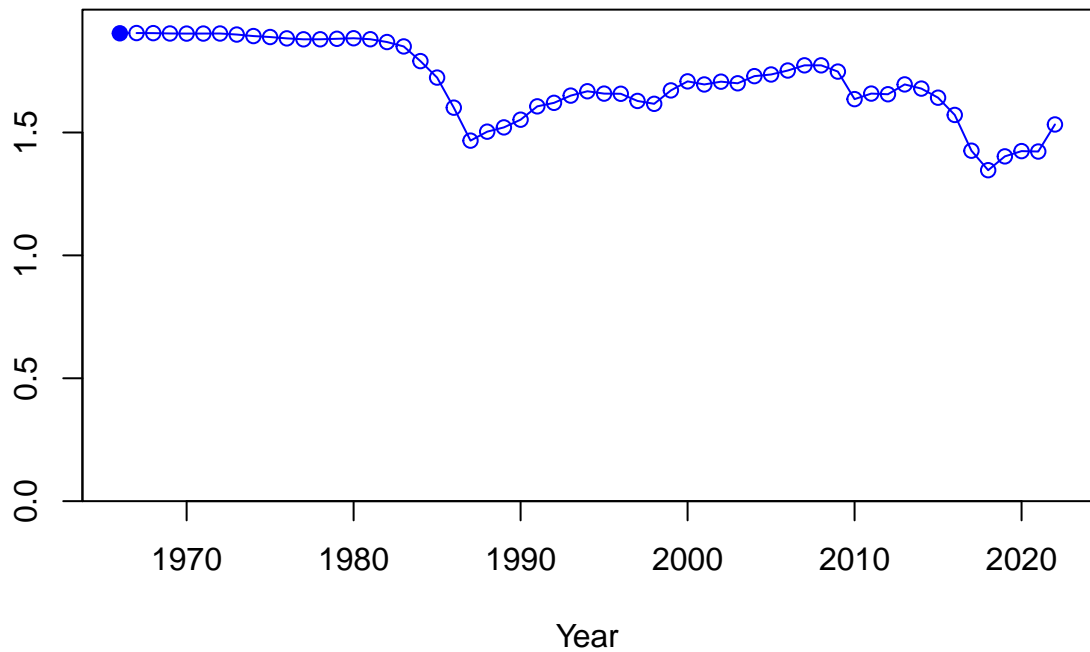
Relative spawning biomass: B/B_{MSY}



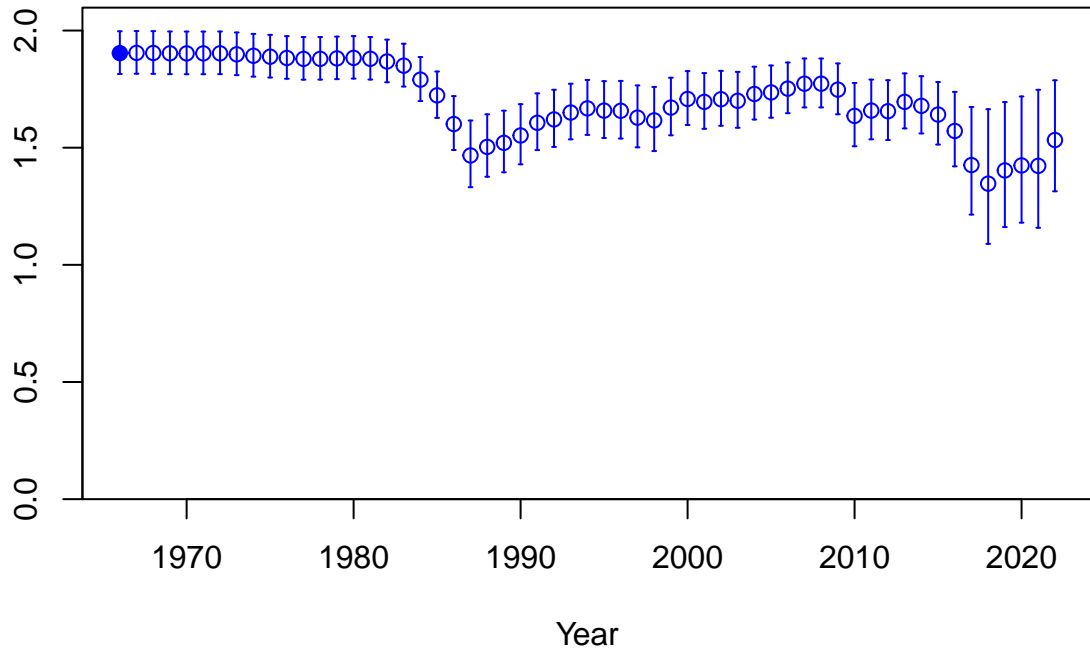




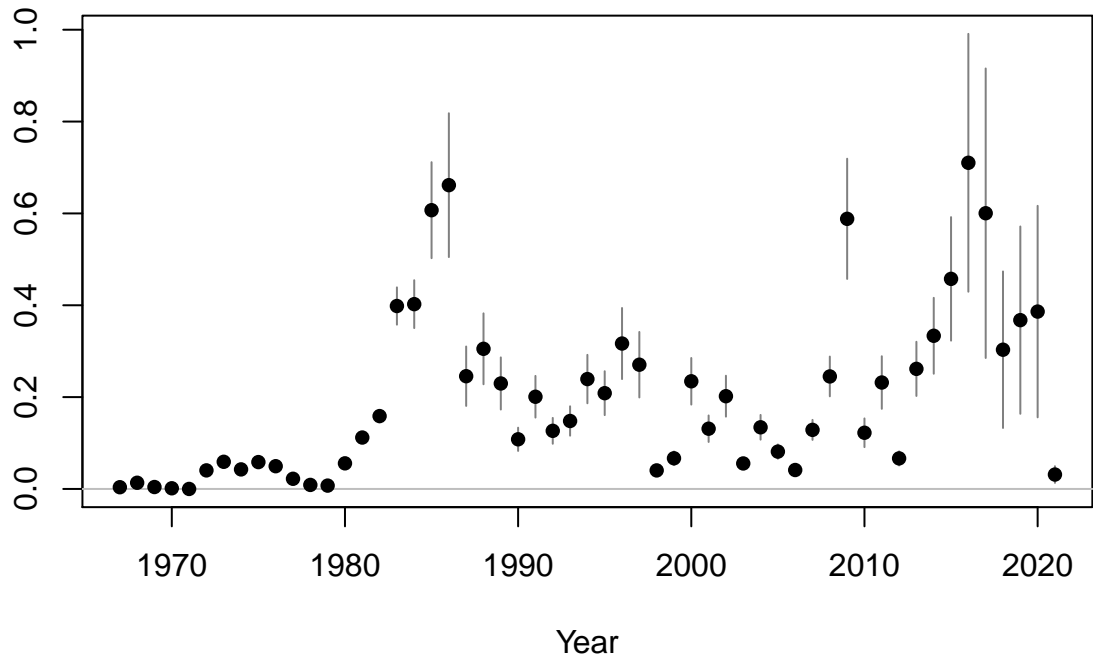
Age-0 recruits (1,000s)

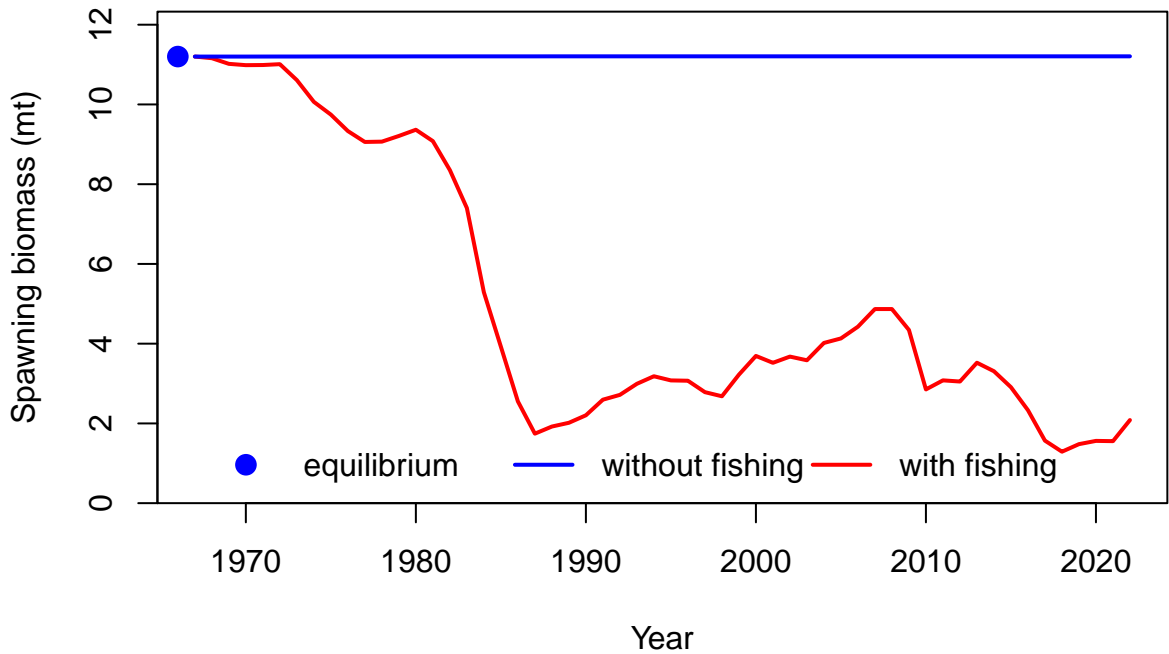


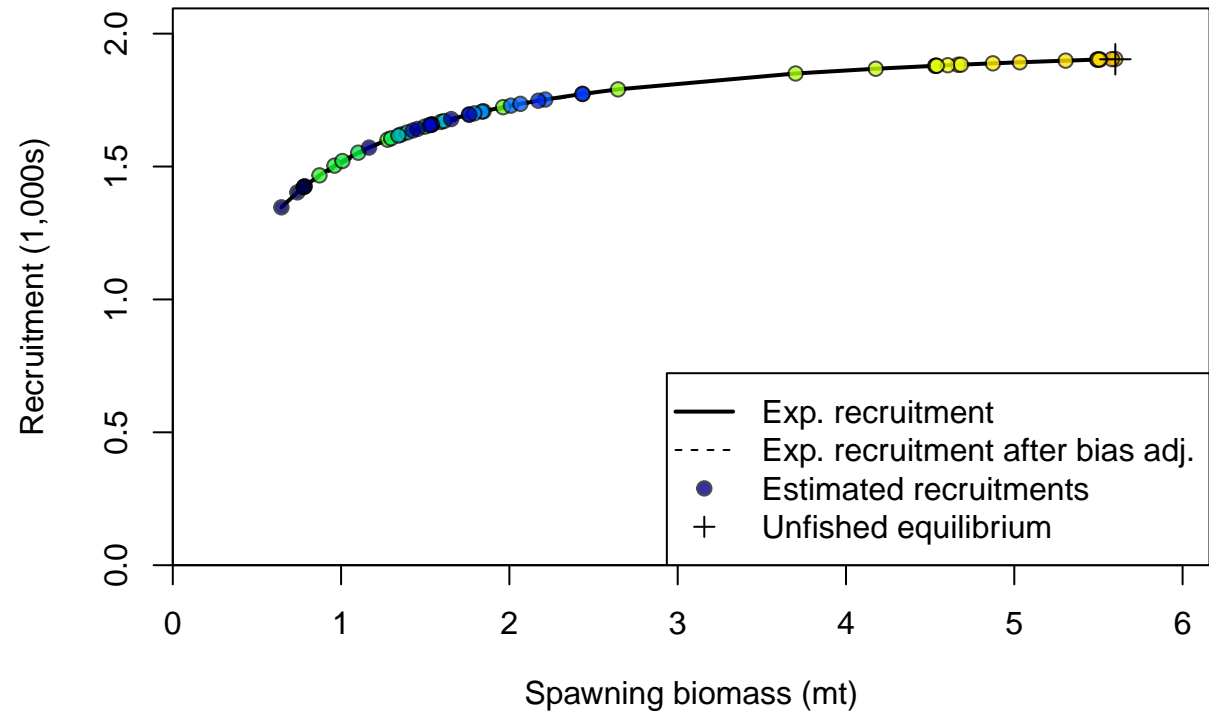
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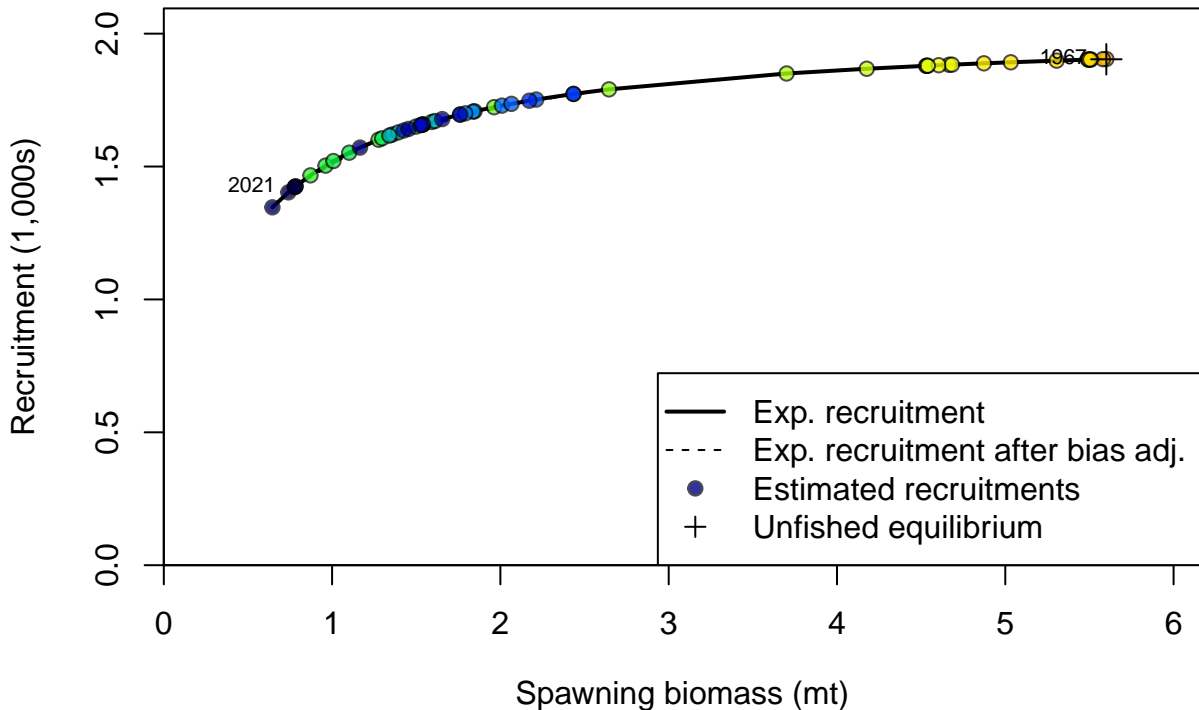


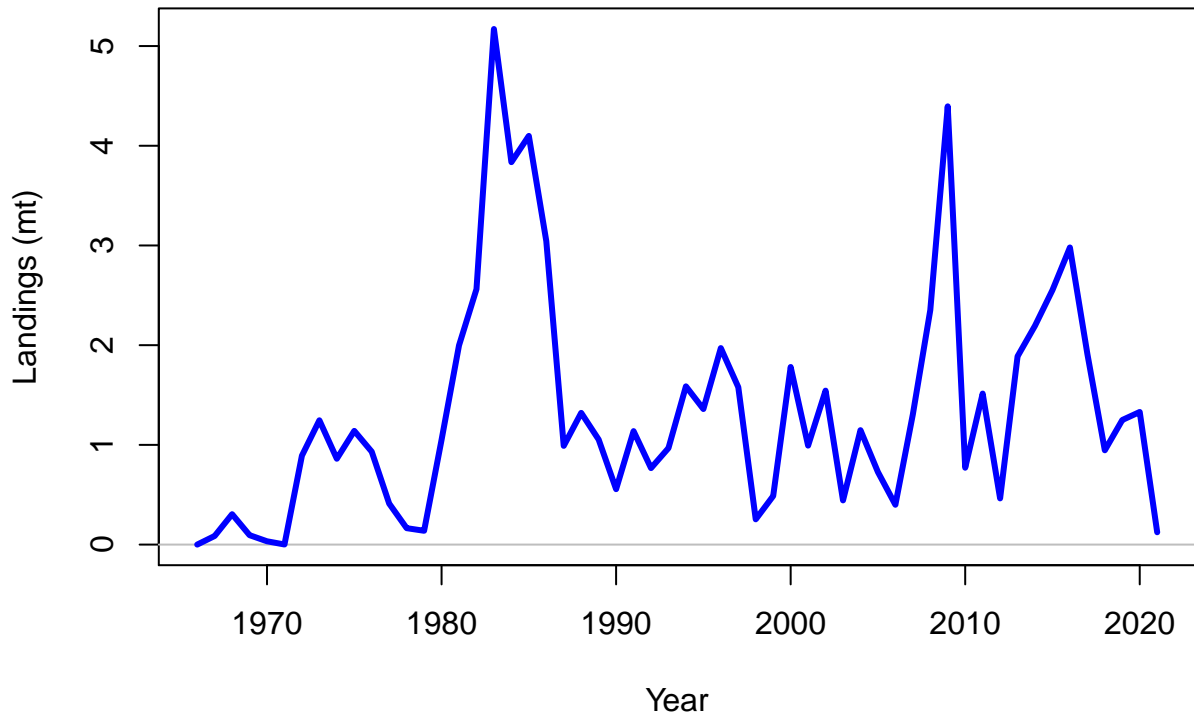
Summary Fishing Mortality

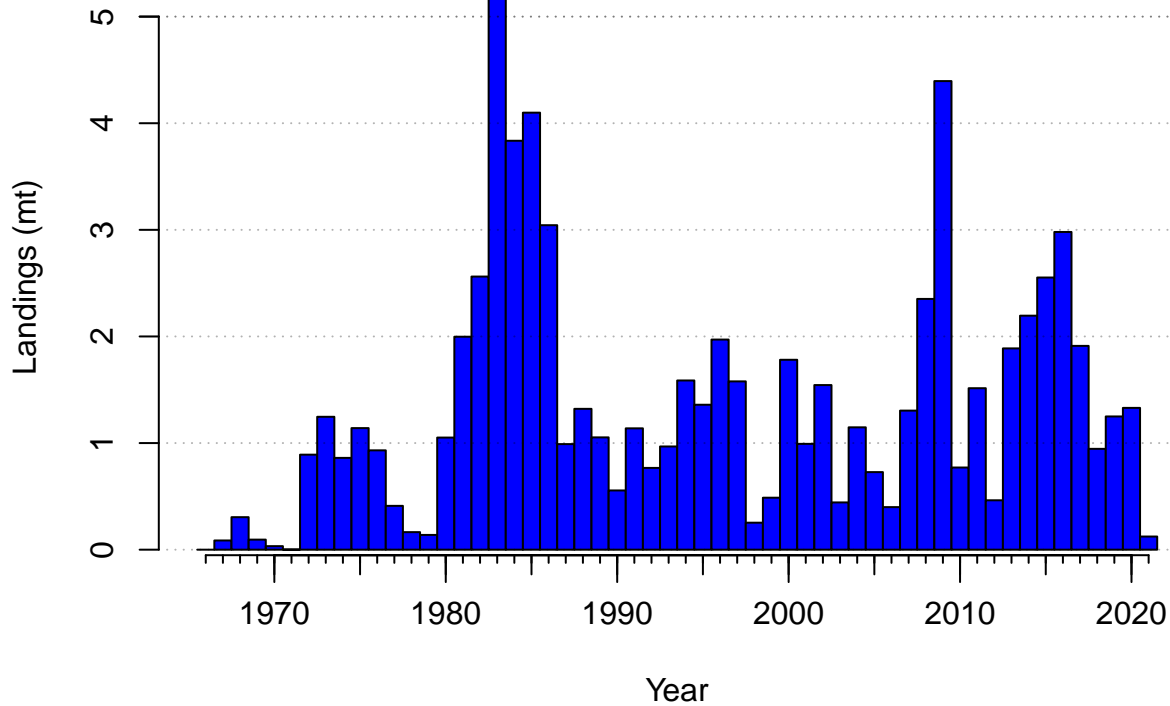


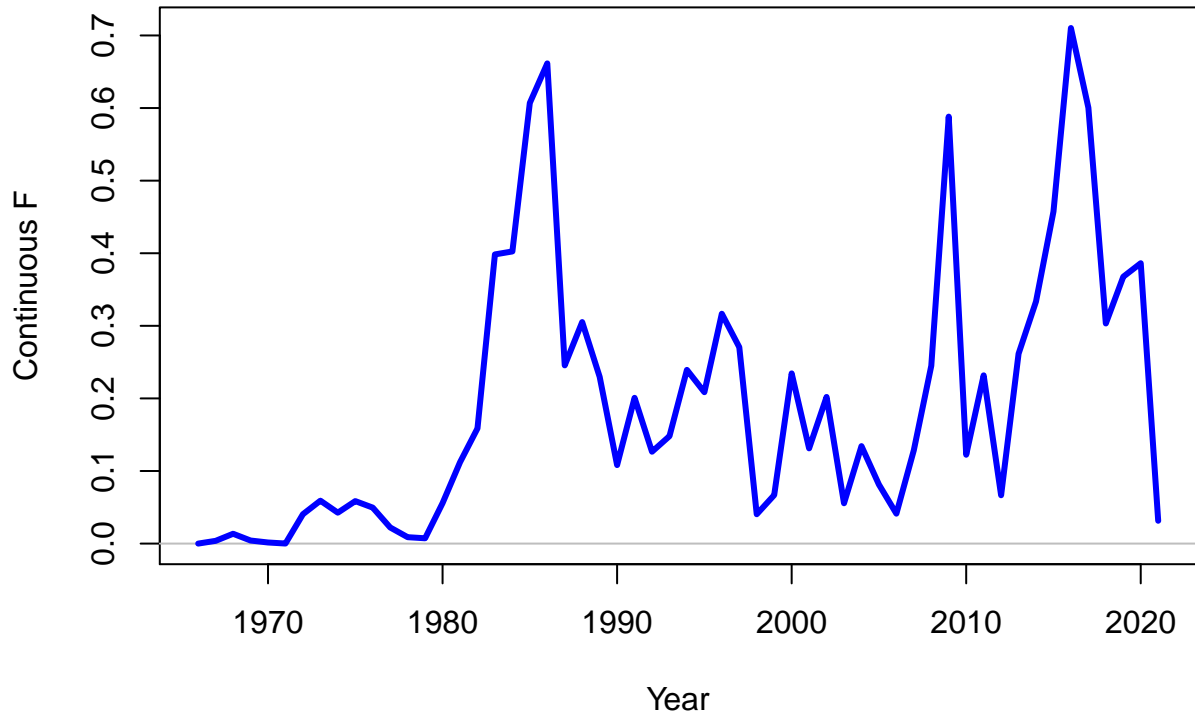




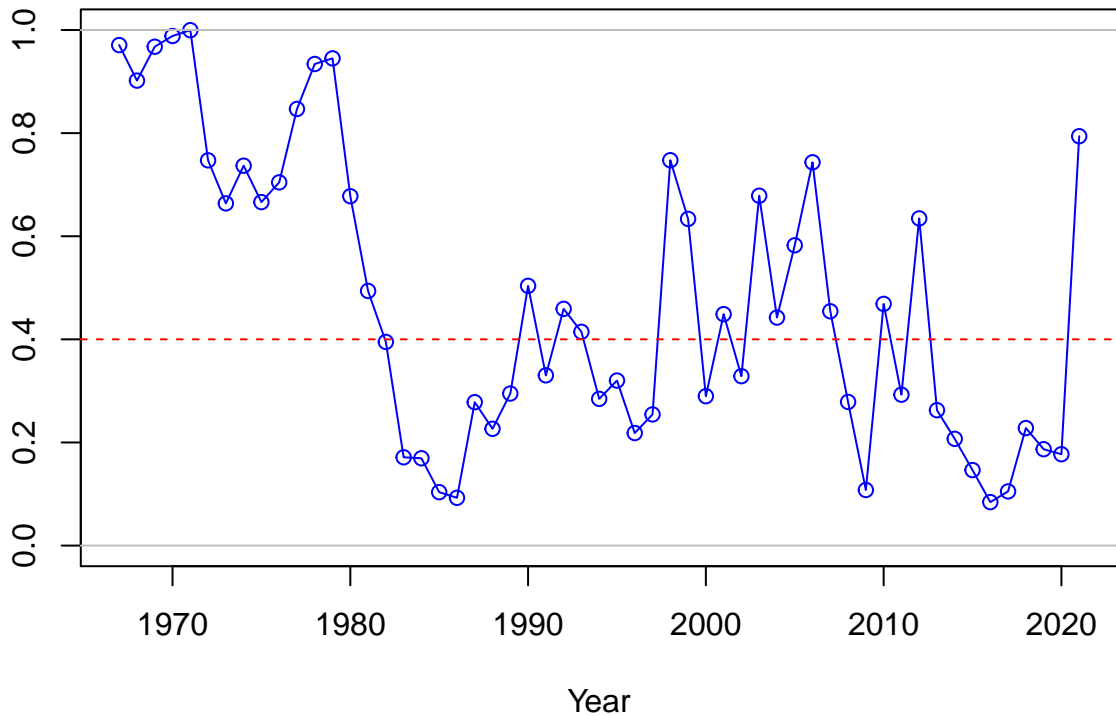




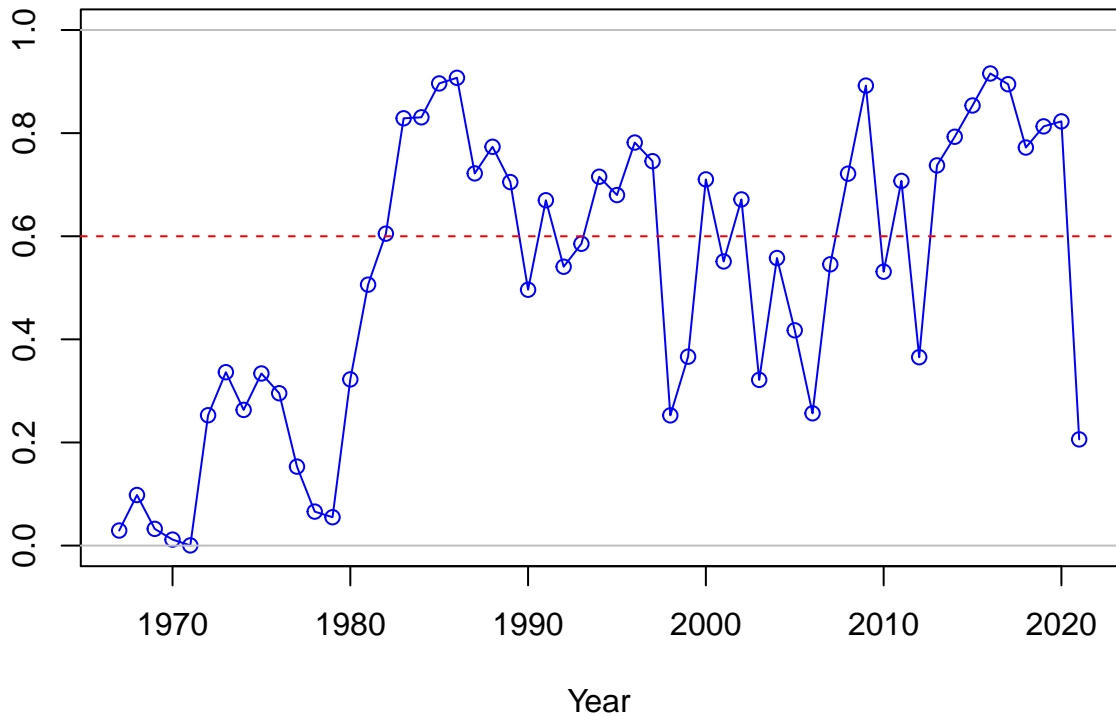




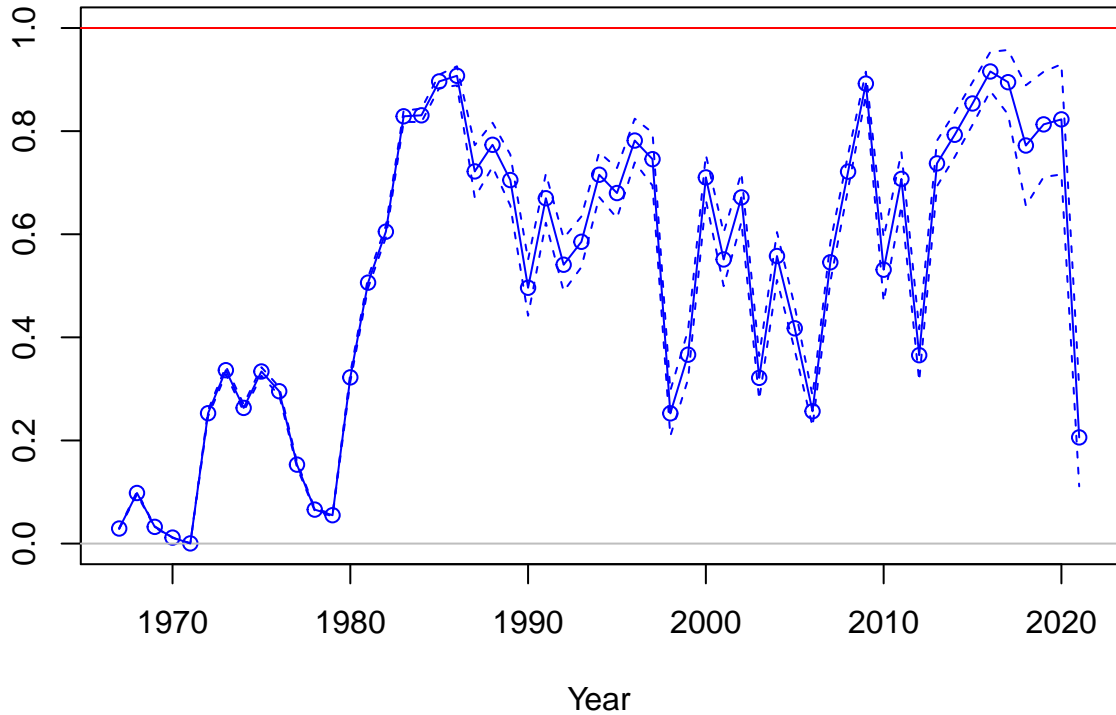
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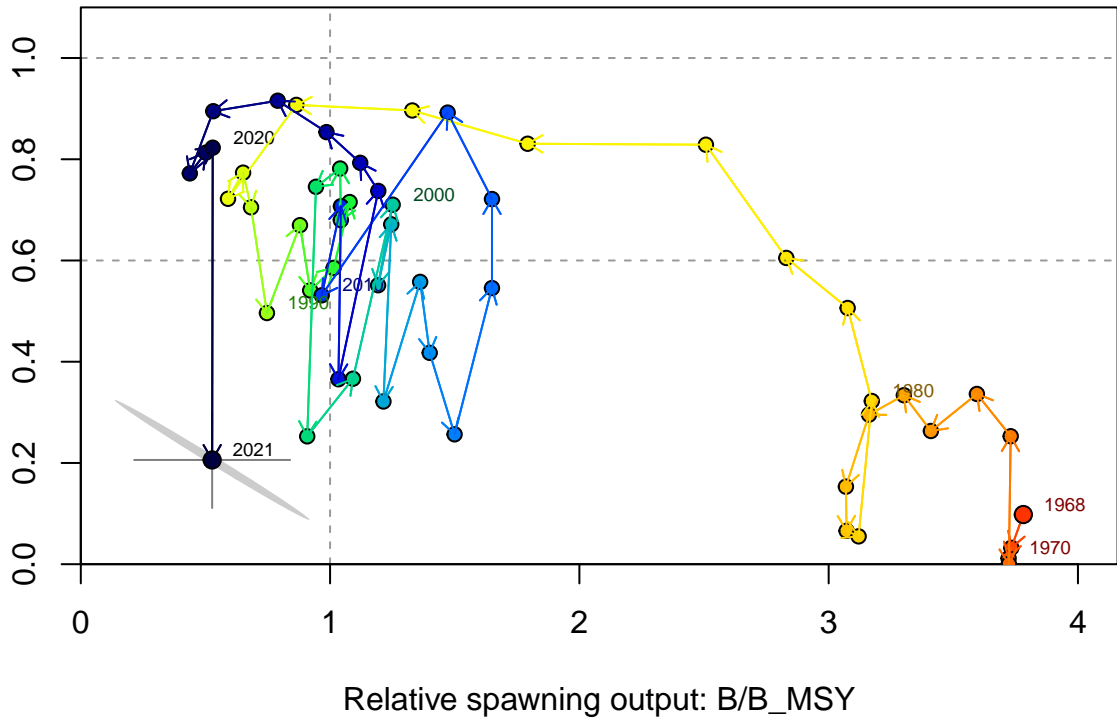
1-SPR



Fishing intensity: 1-SPR



Fishing intensity: 1-SPR





Index

15
10
5
0

2016

2017

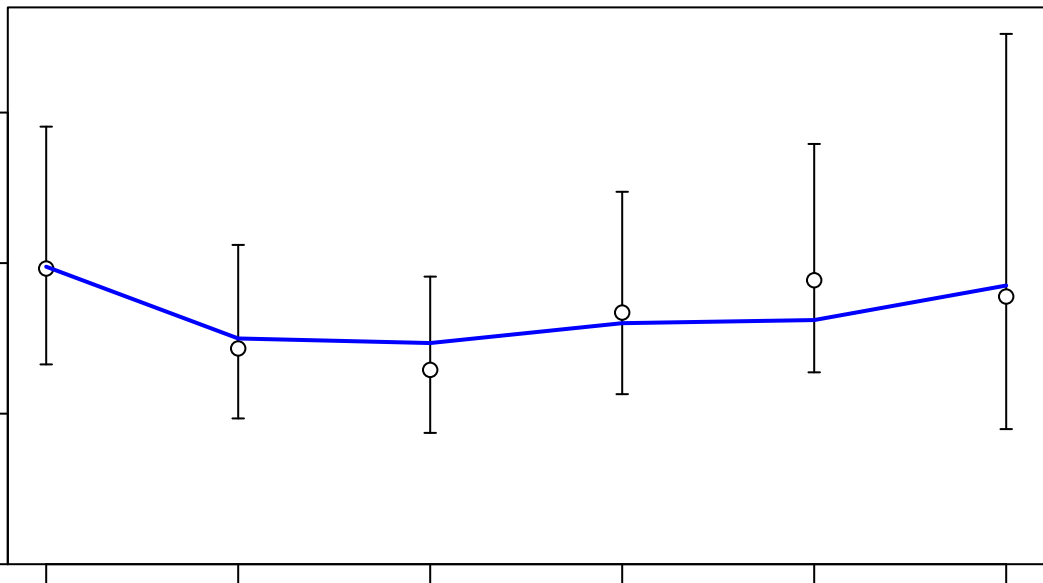
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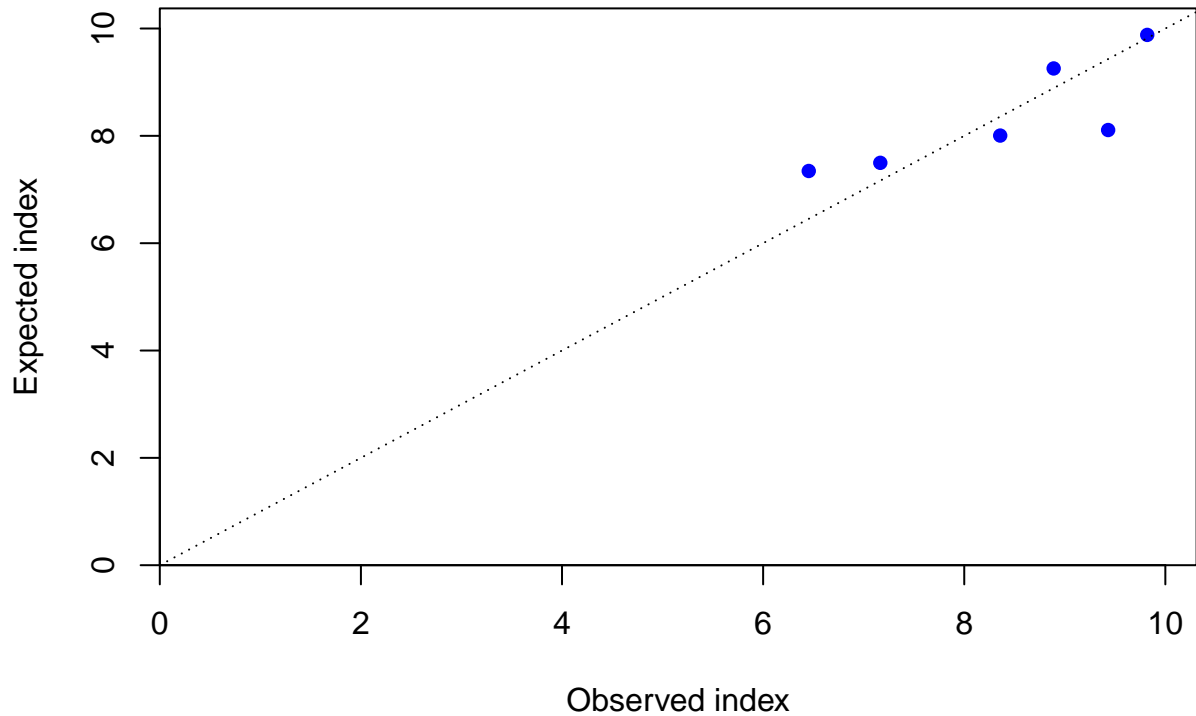
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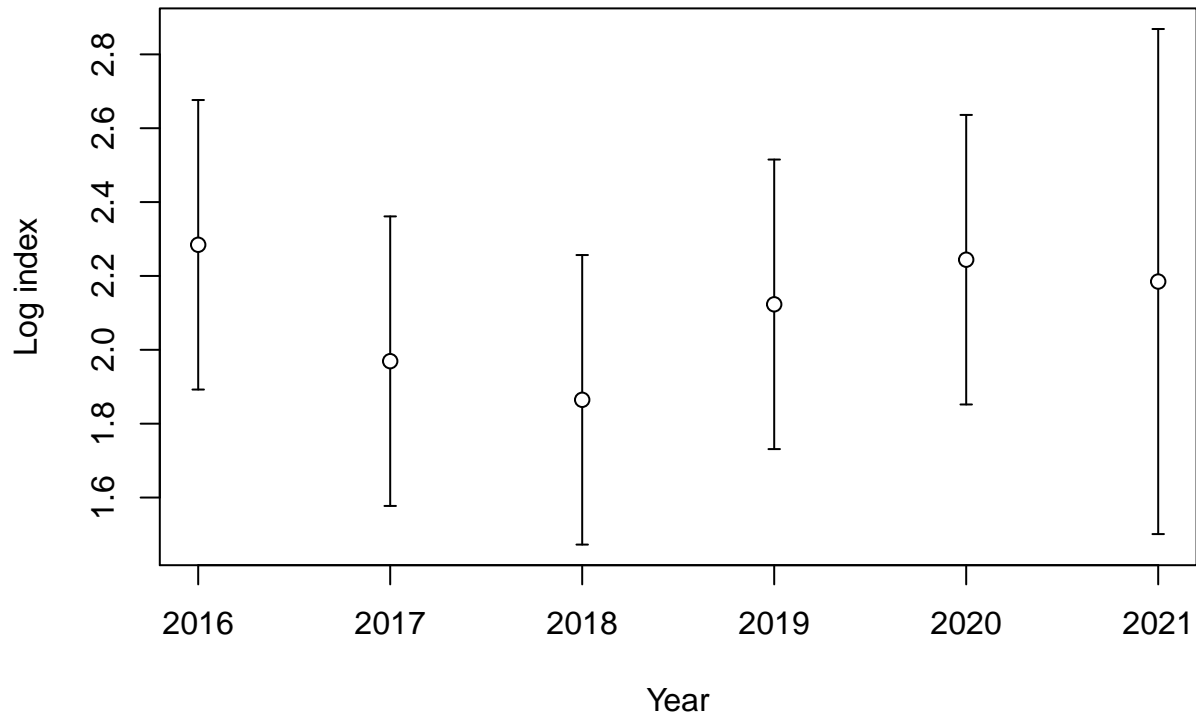
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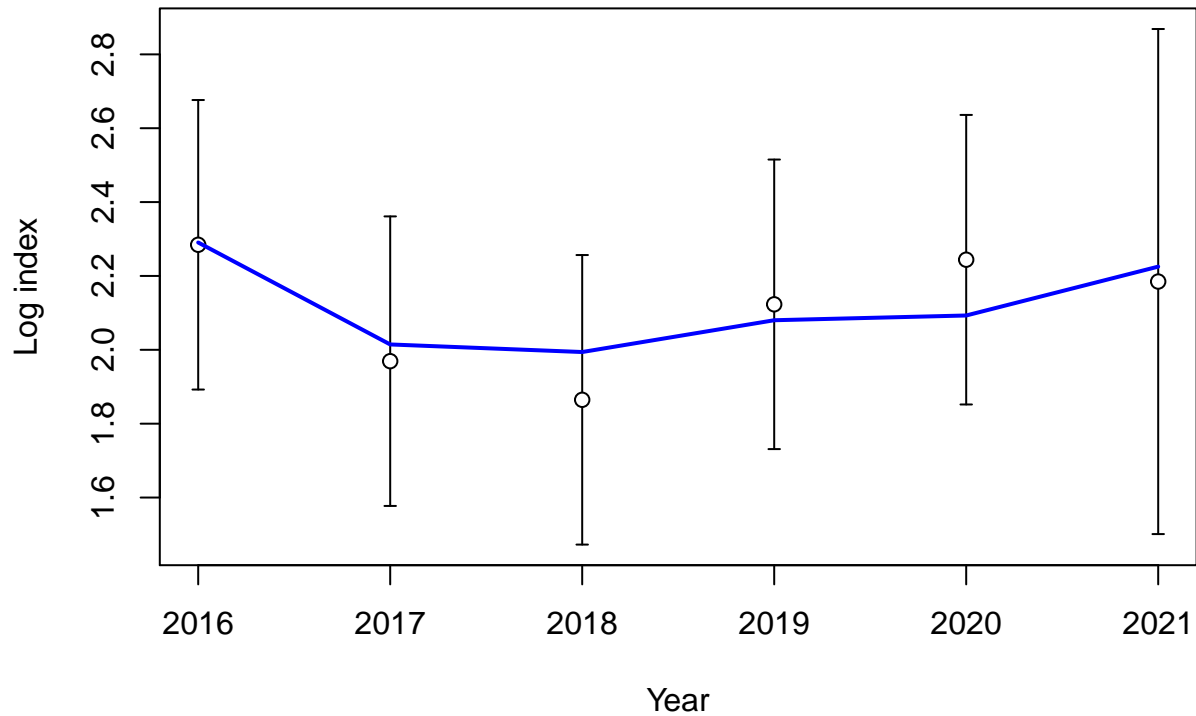
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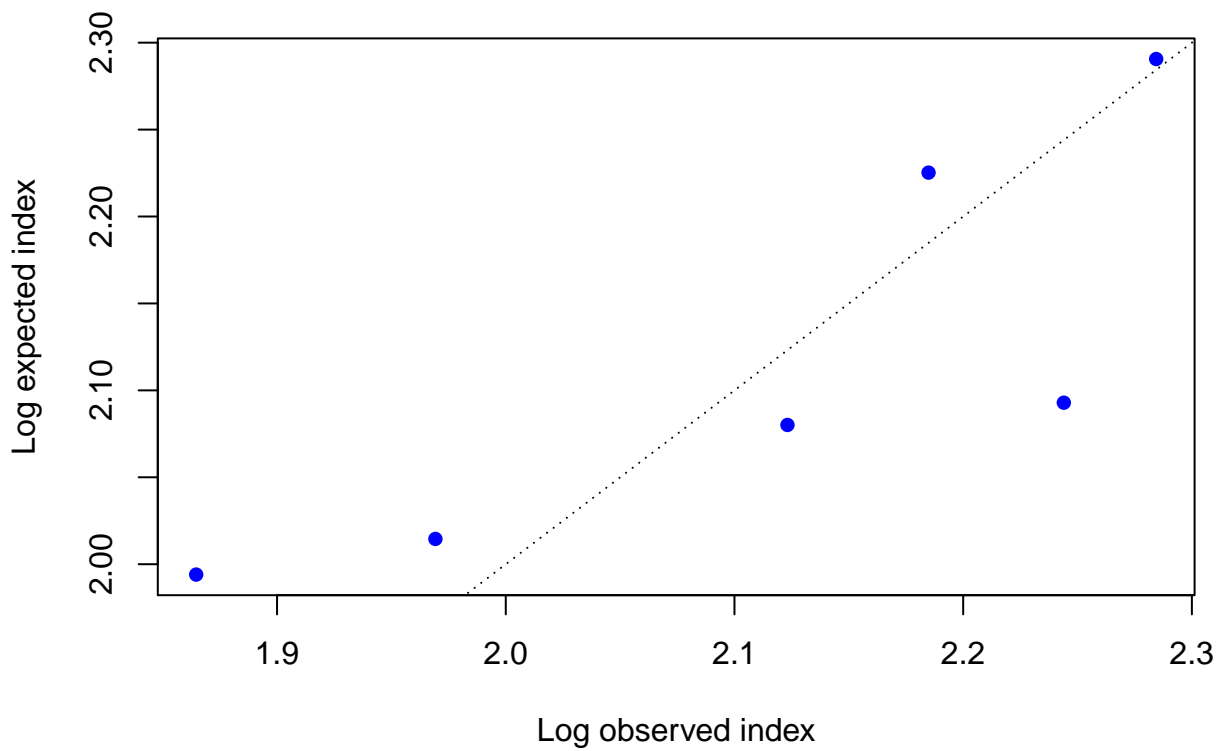
Year











Residual

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0.0
-0.5

2016

2017

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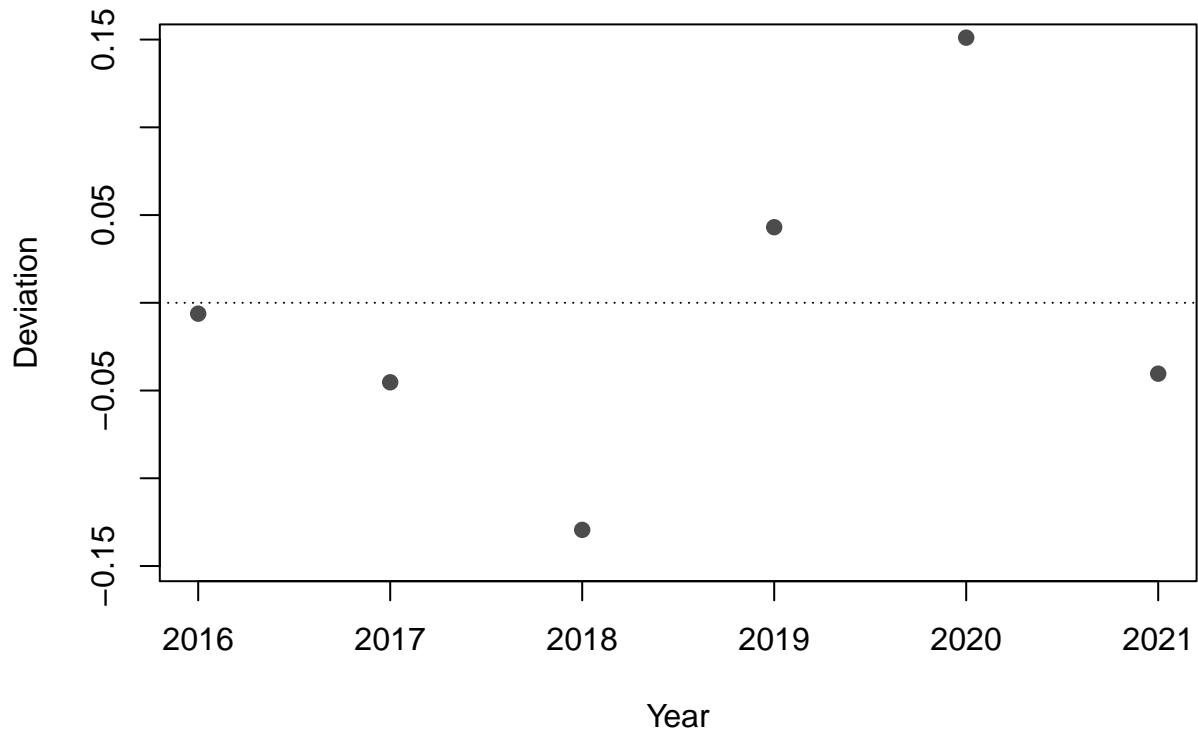
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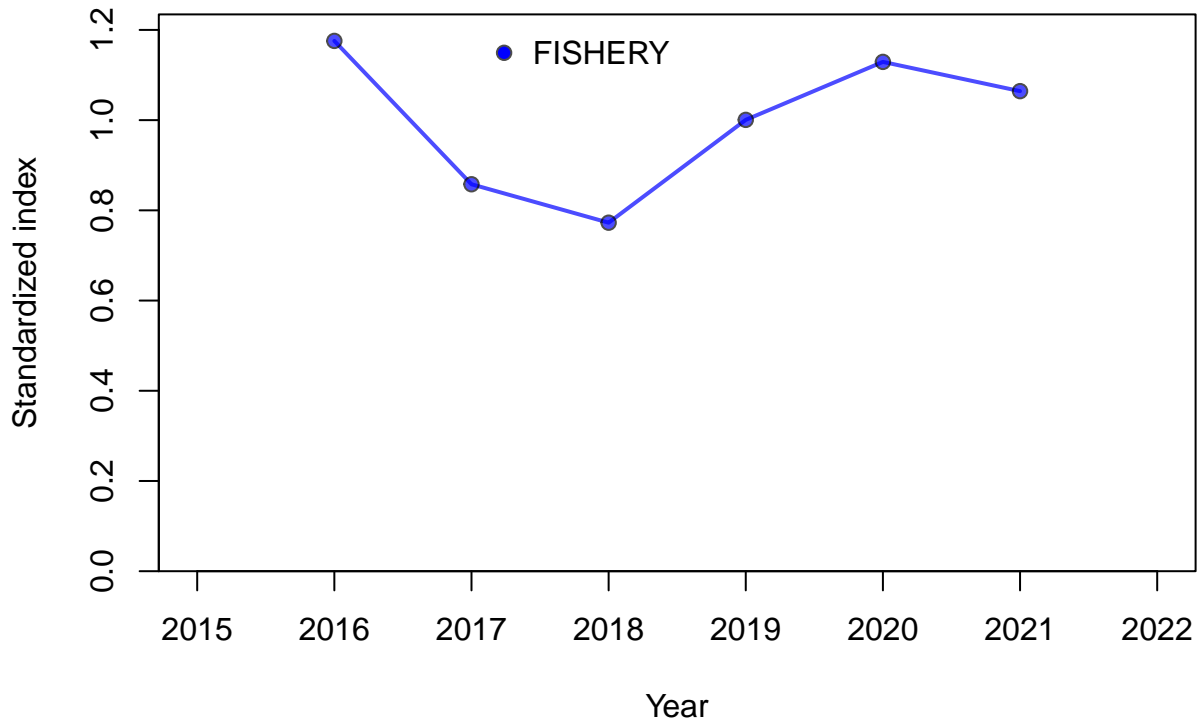
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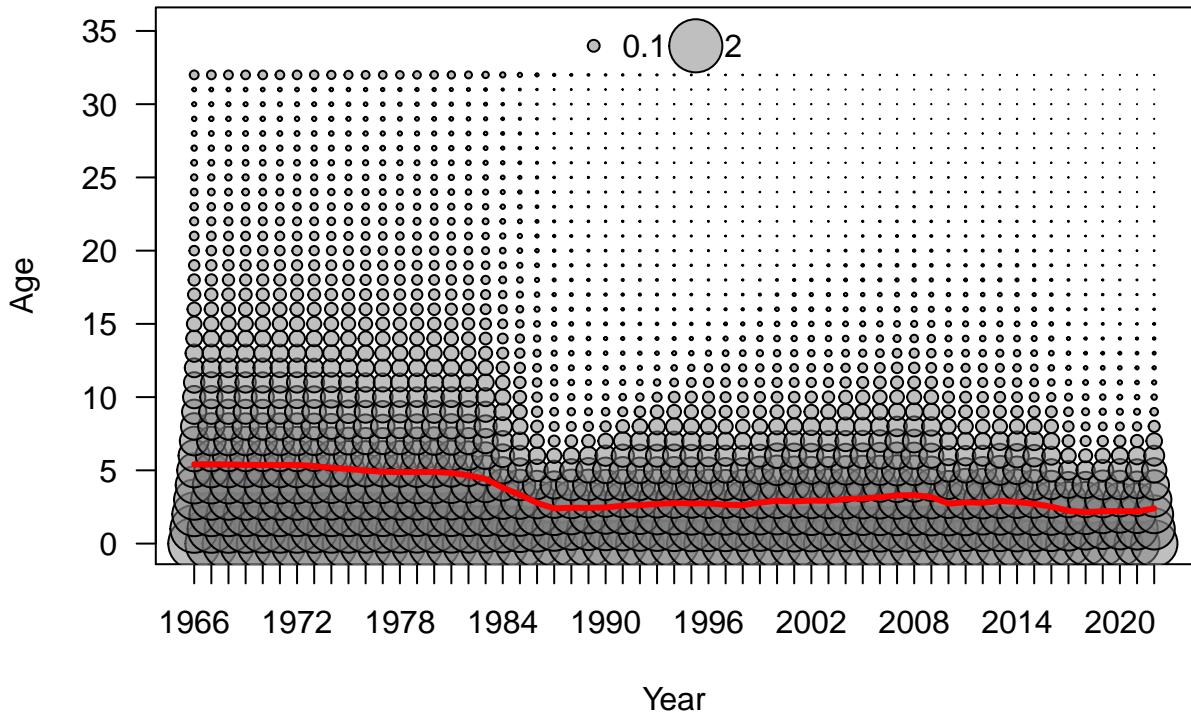
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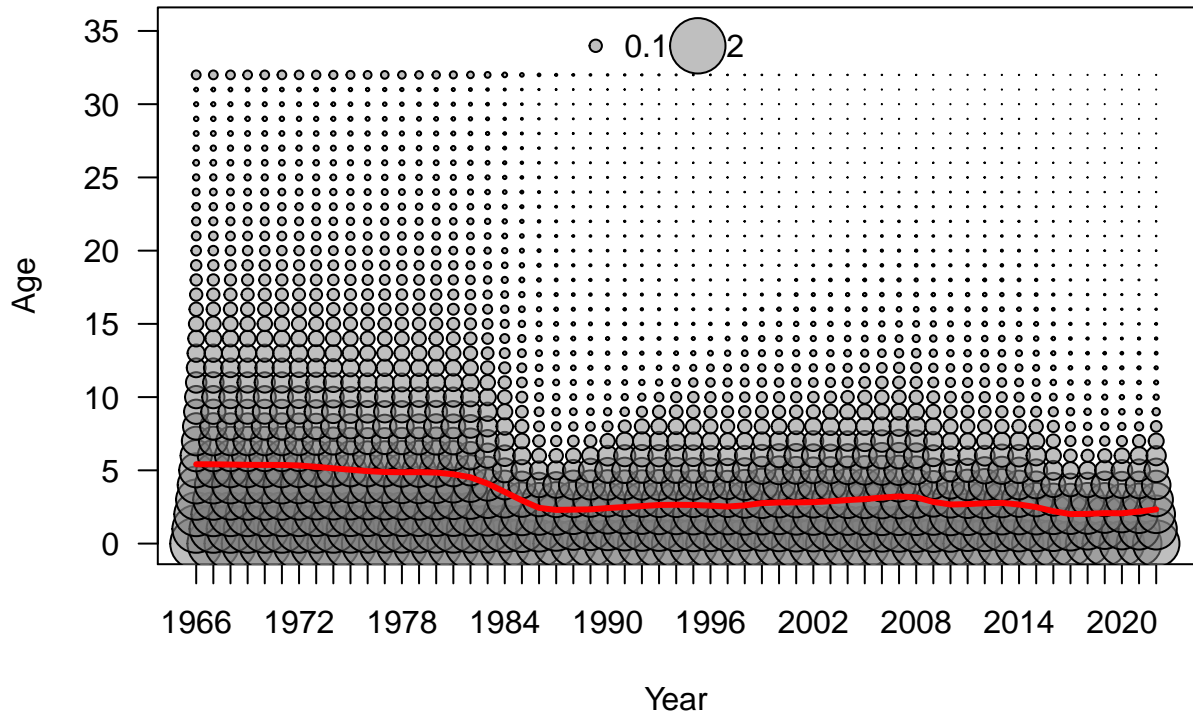
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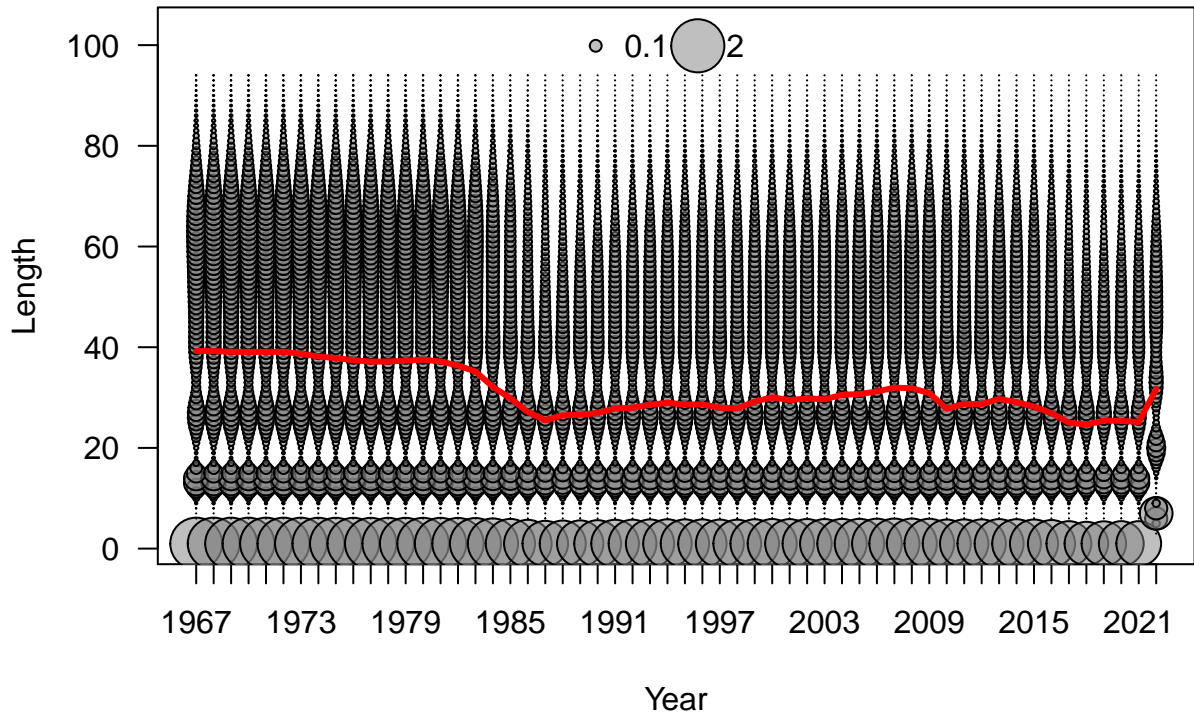


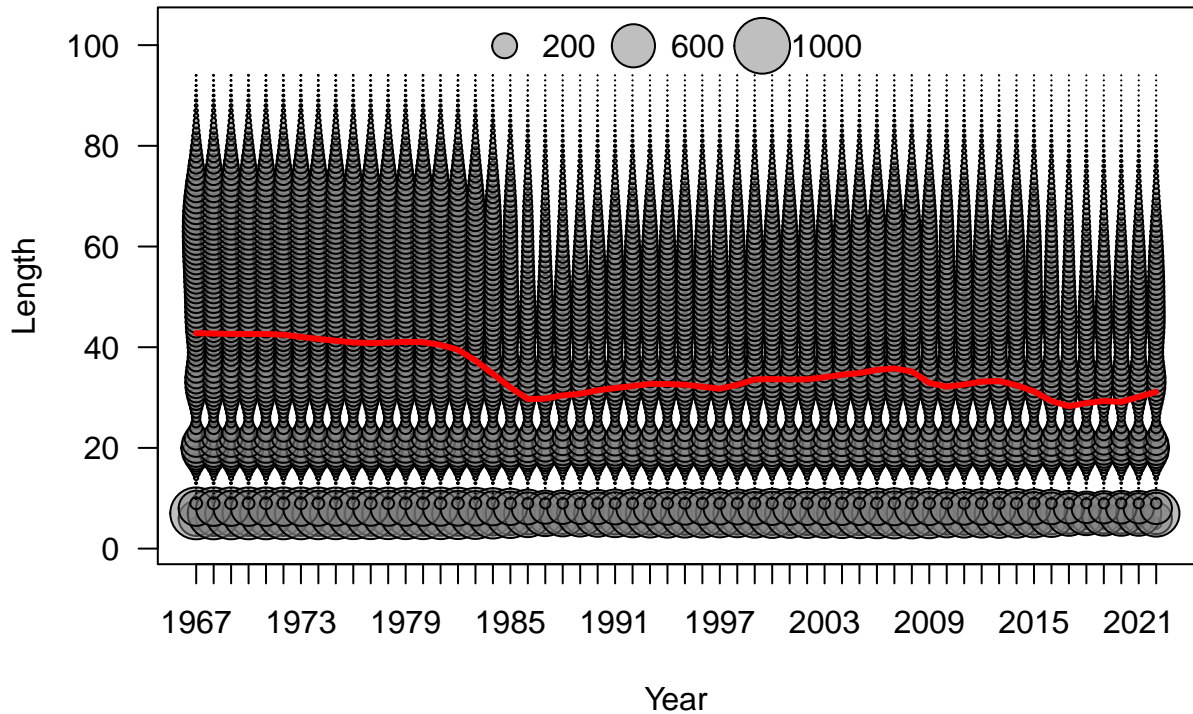


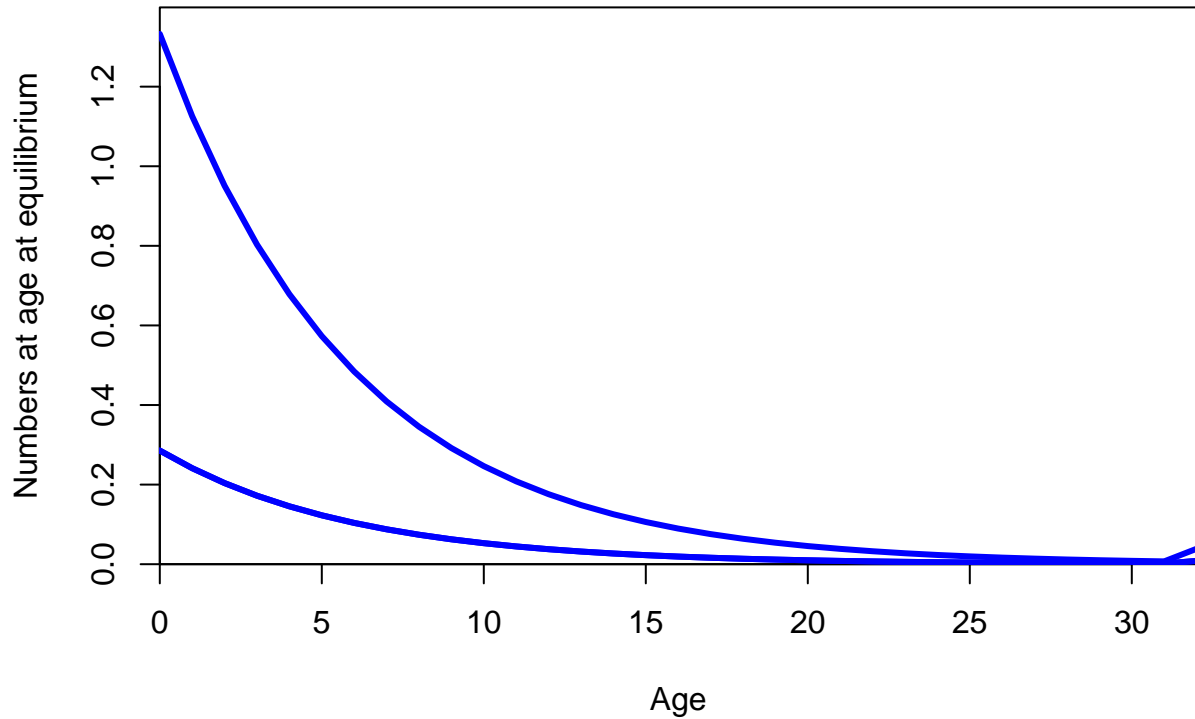


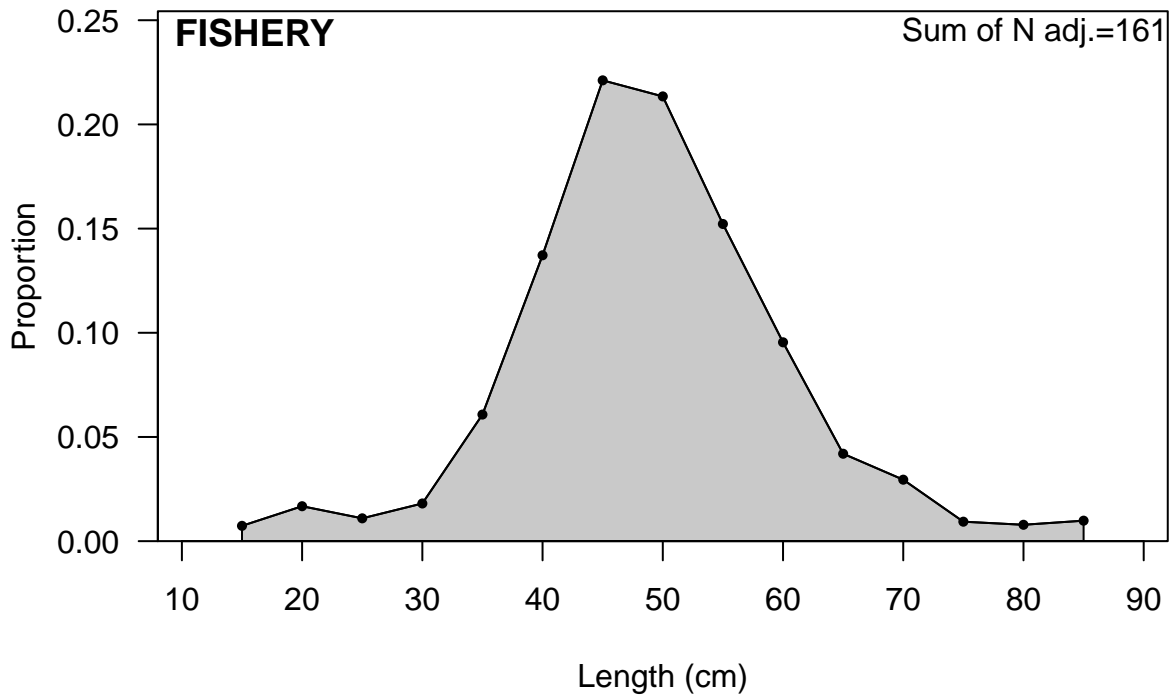


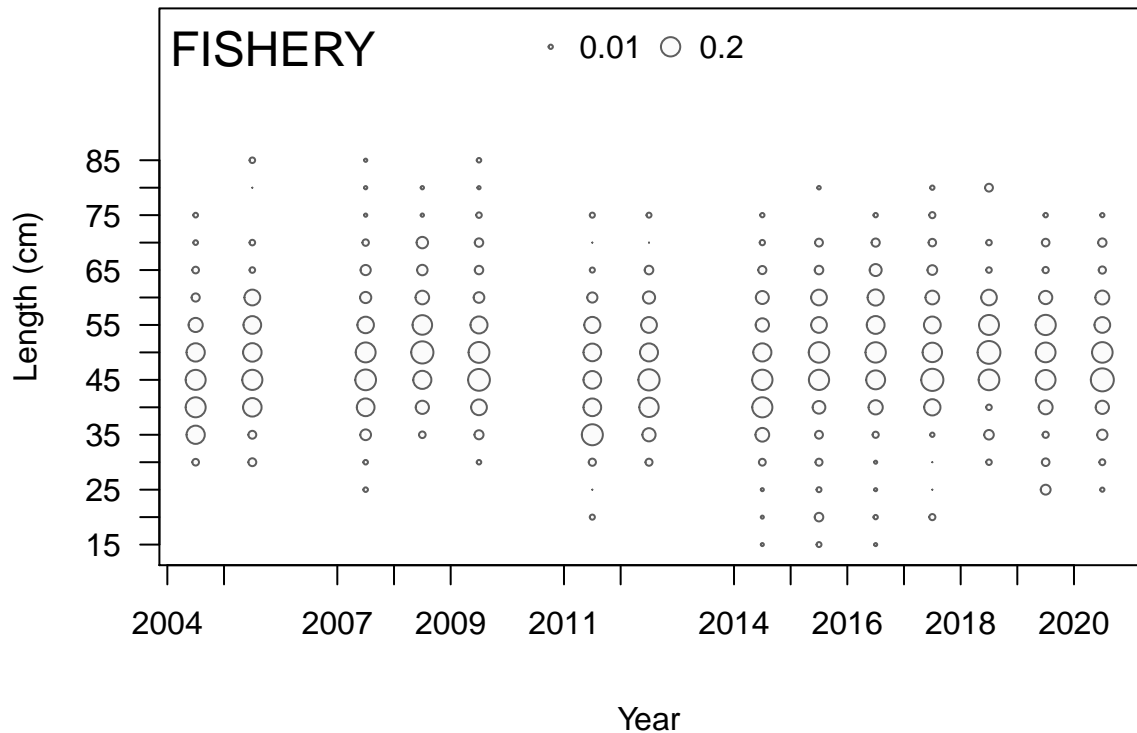




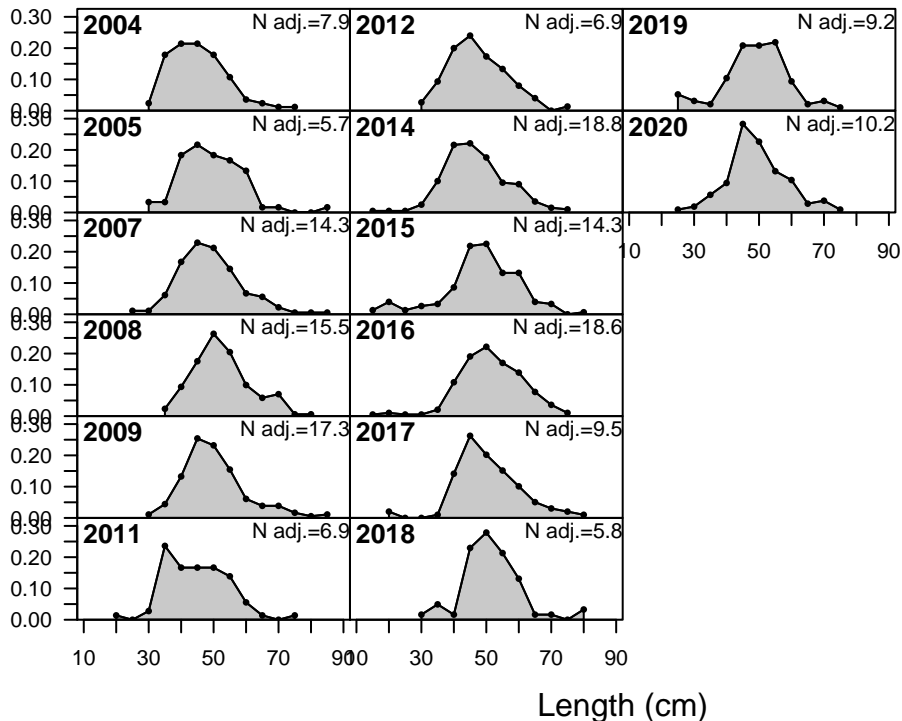


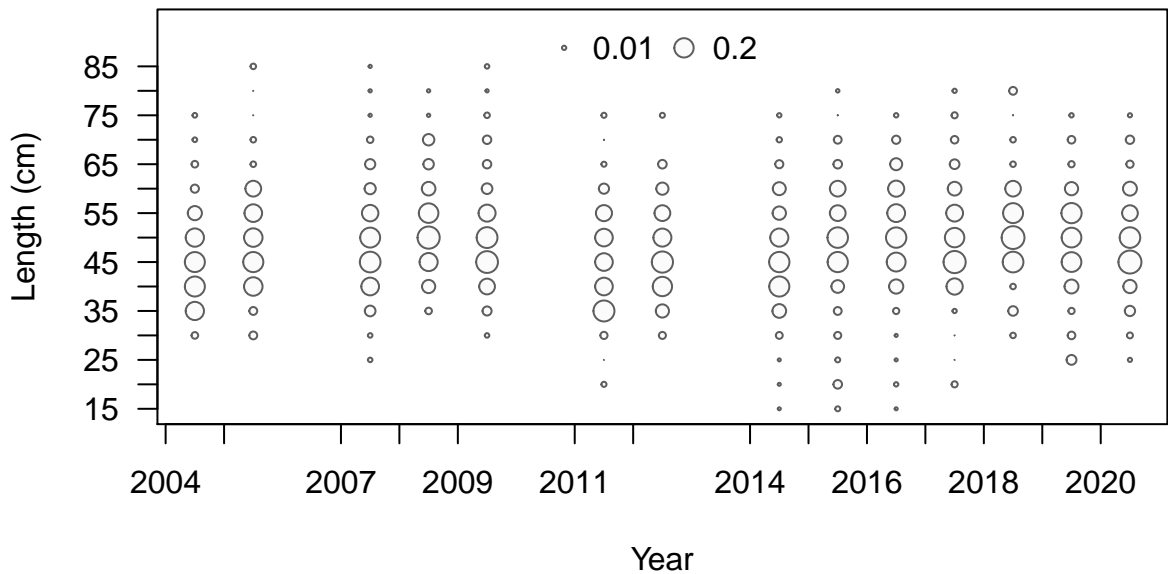




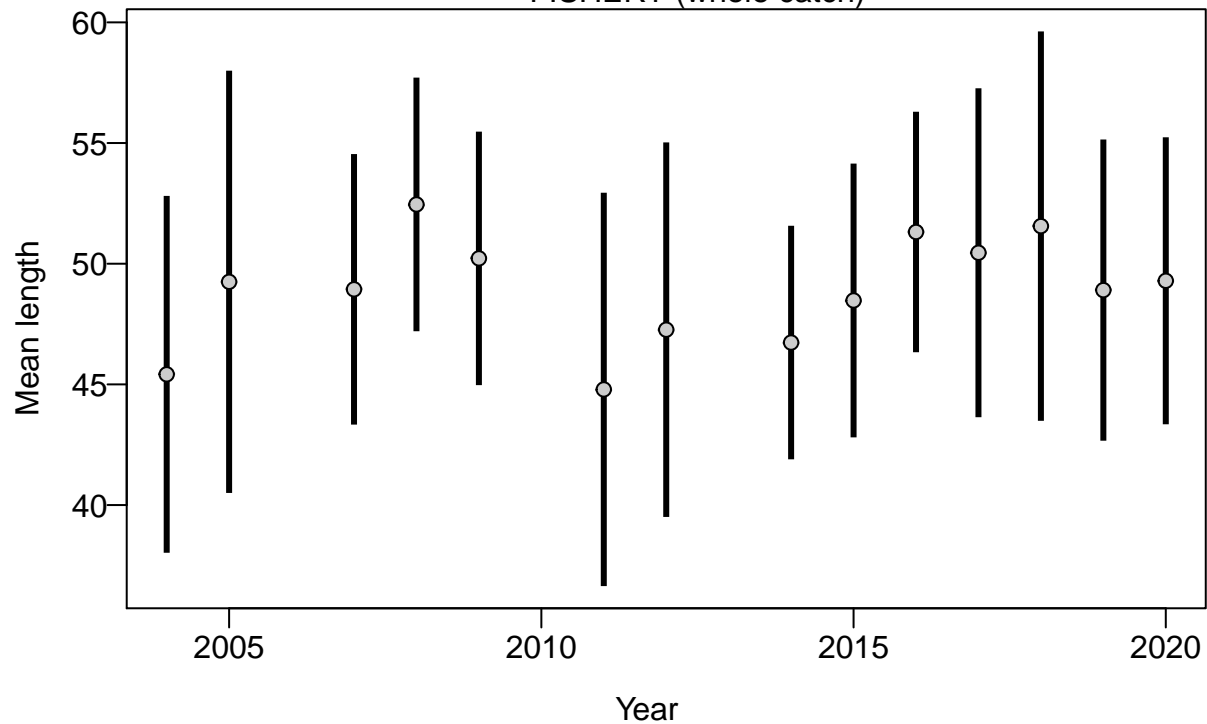


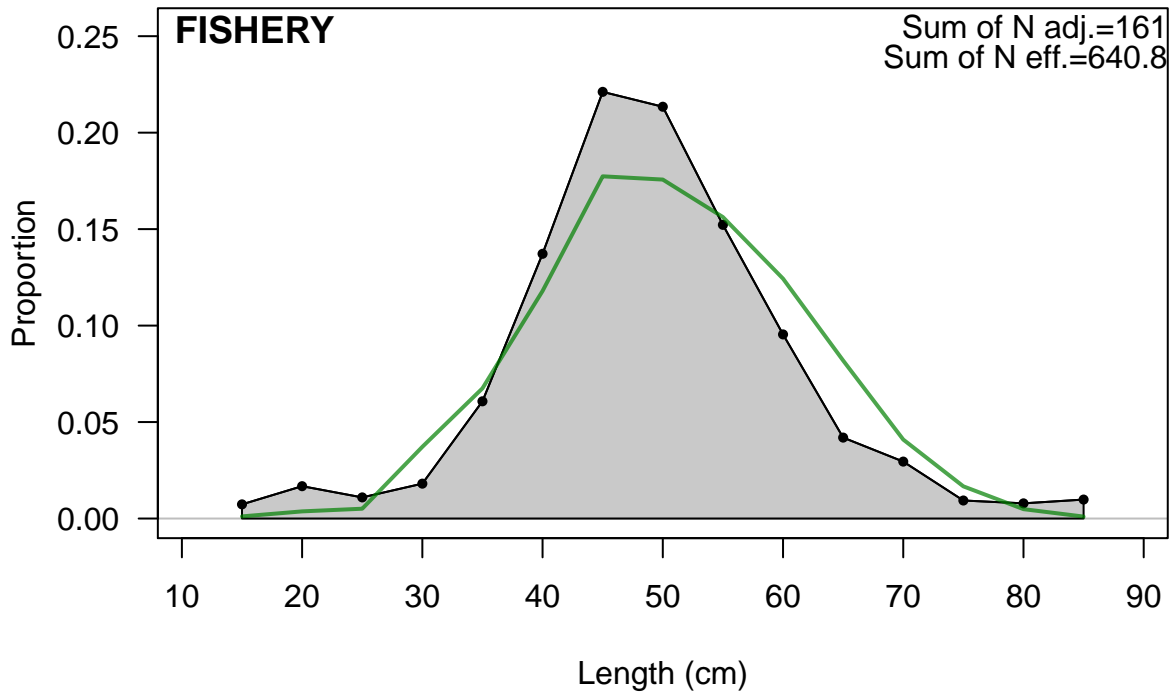
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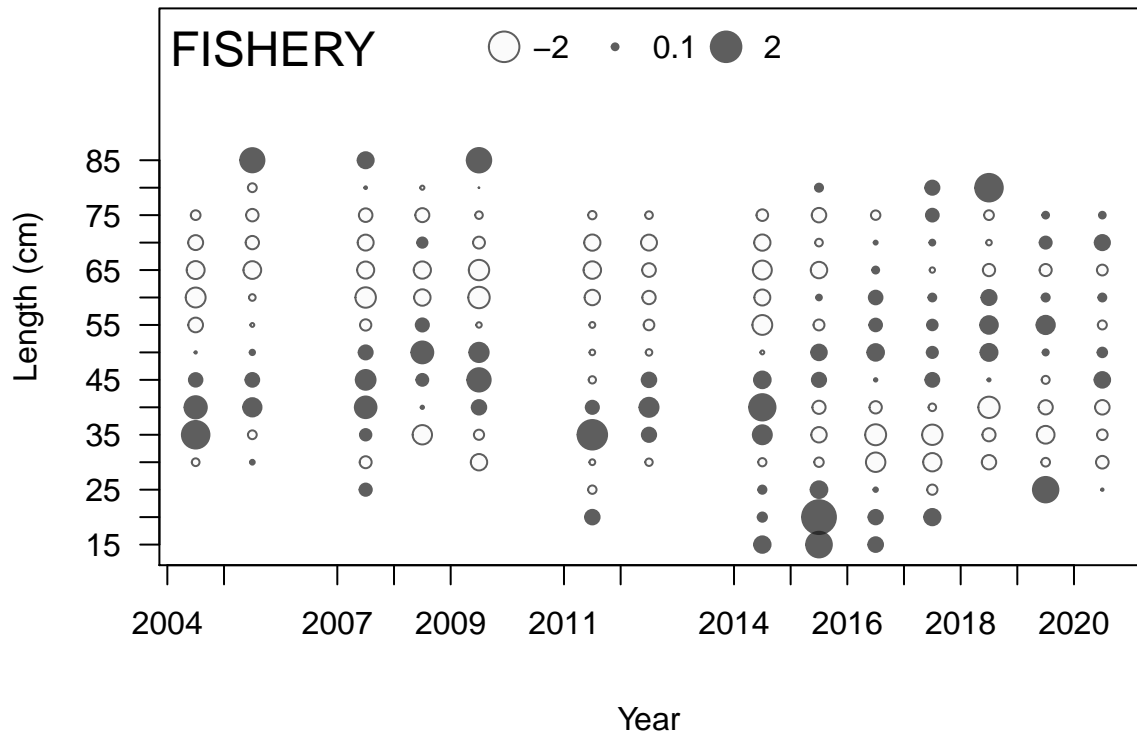




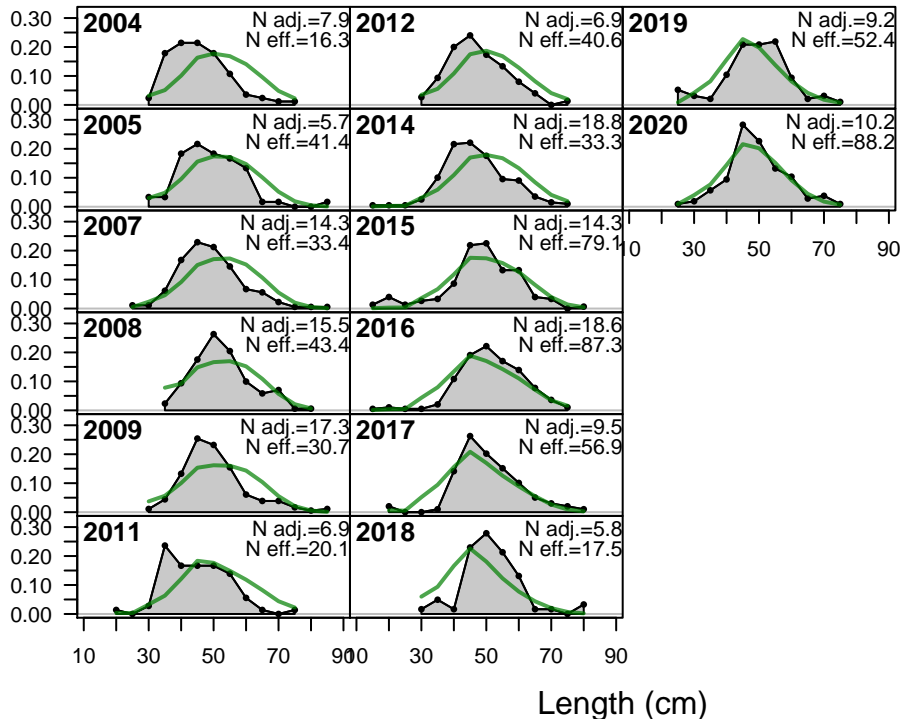
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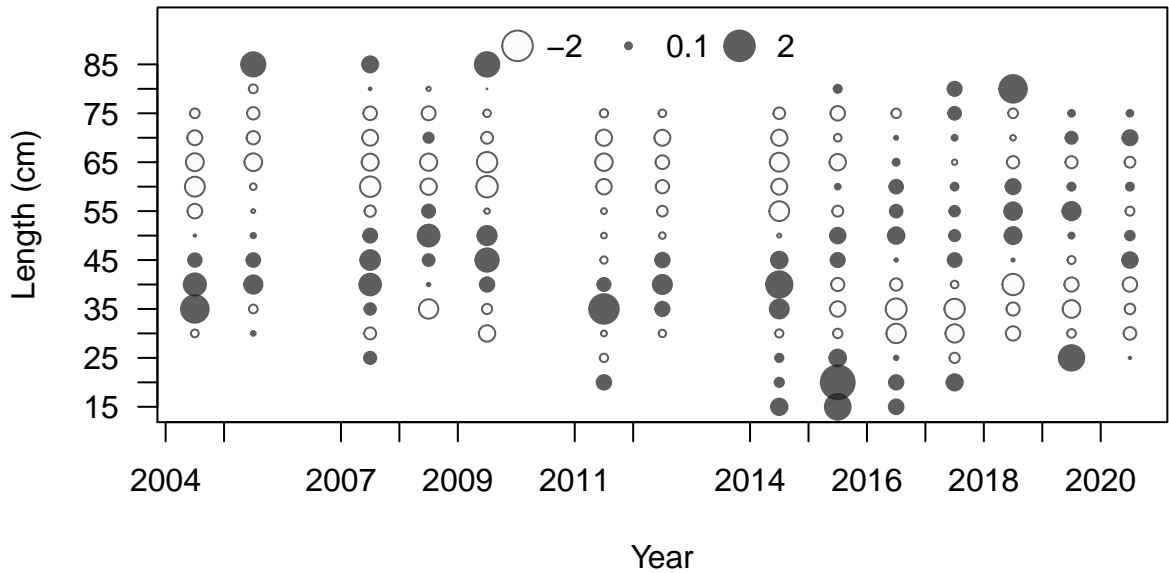


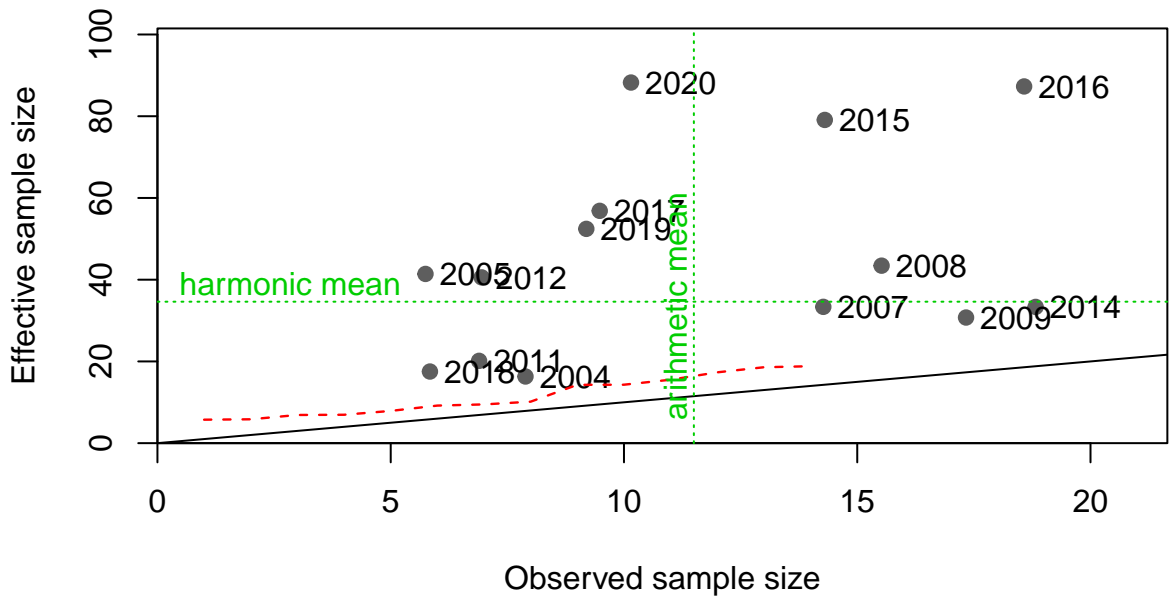




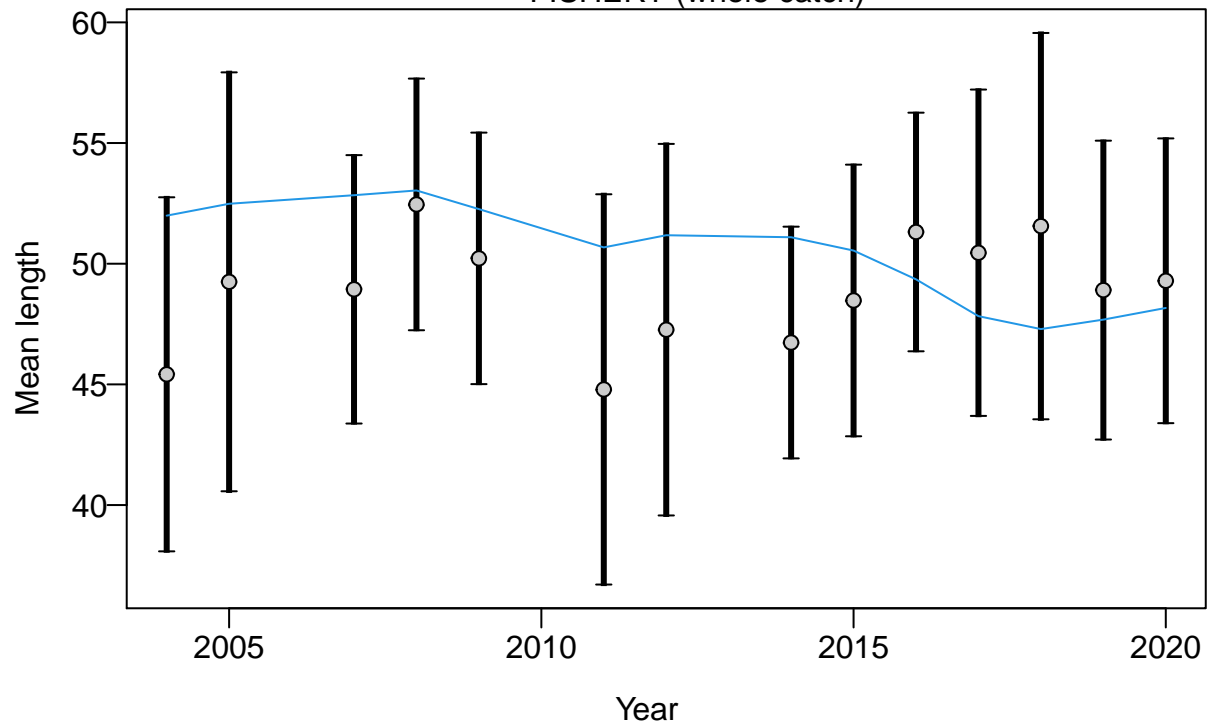
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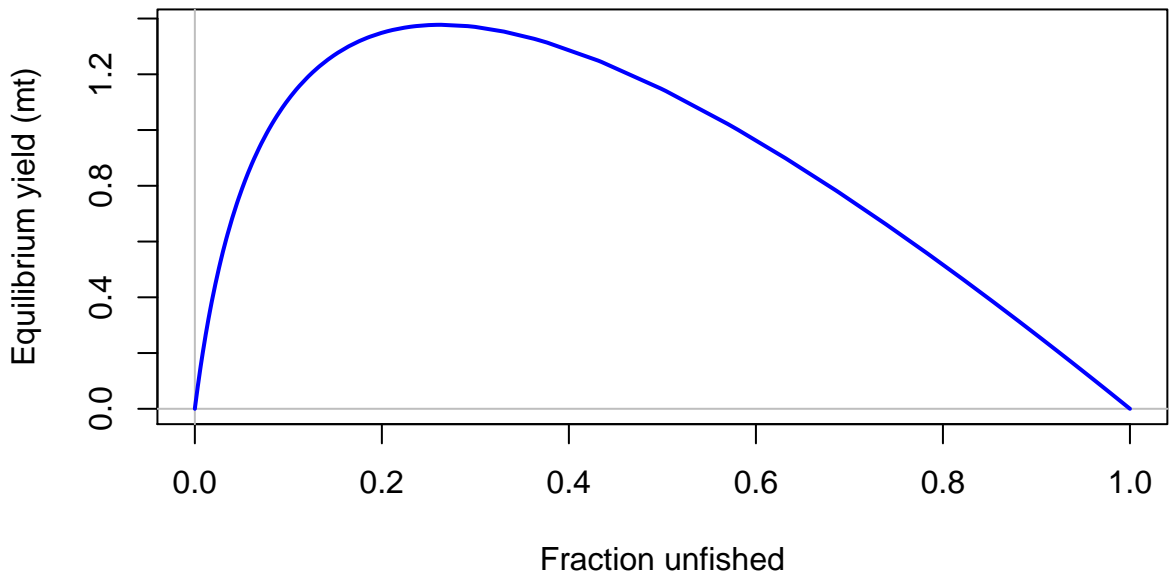


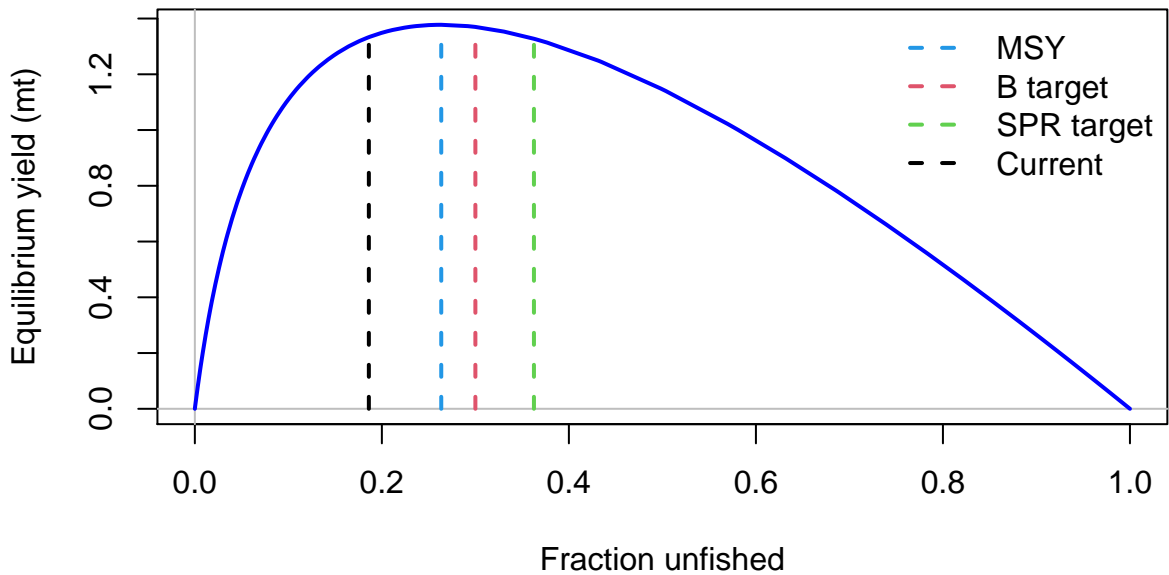


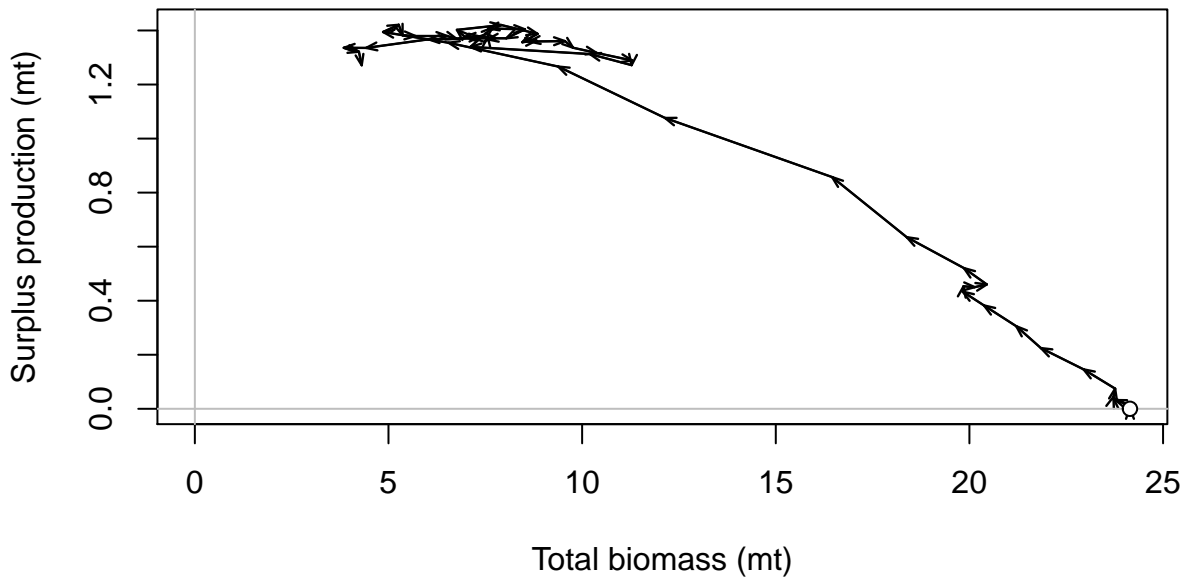


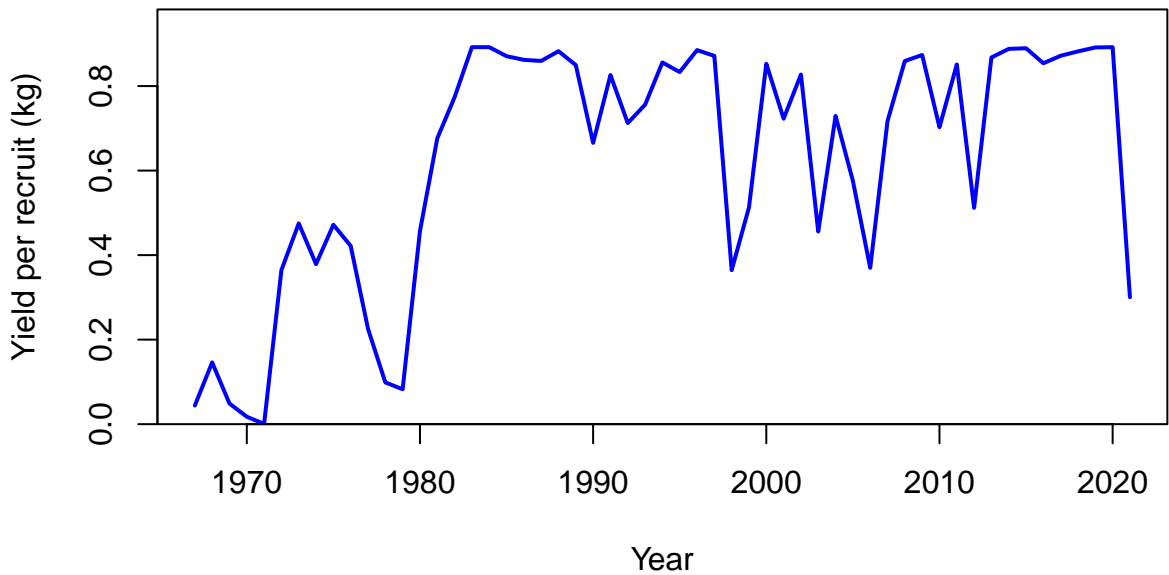
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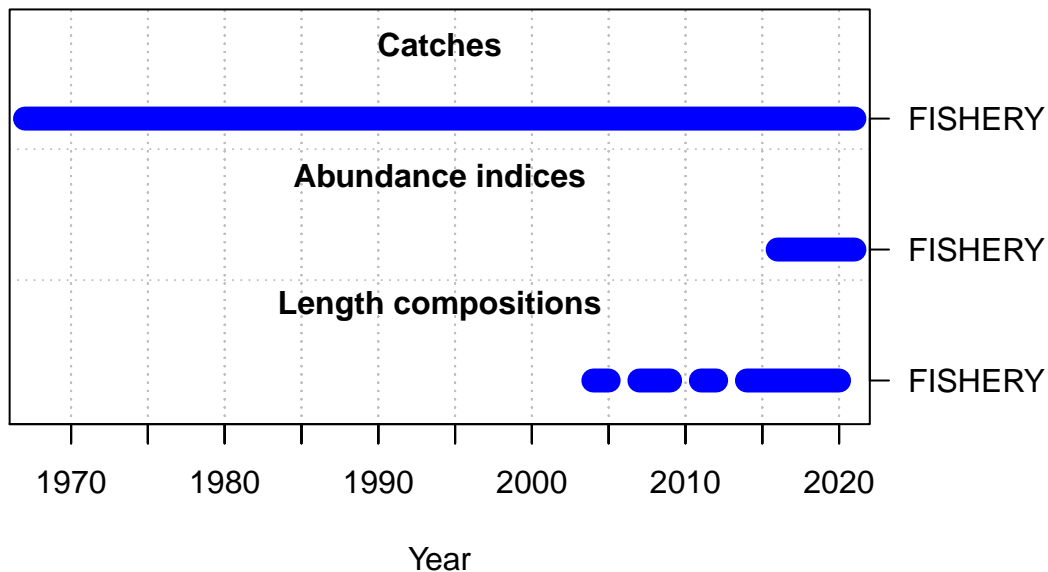


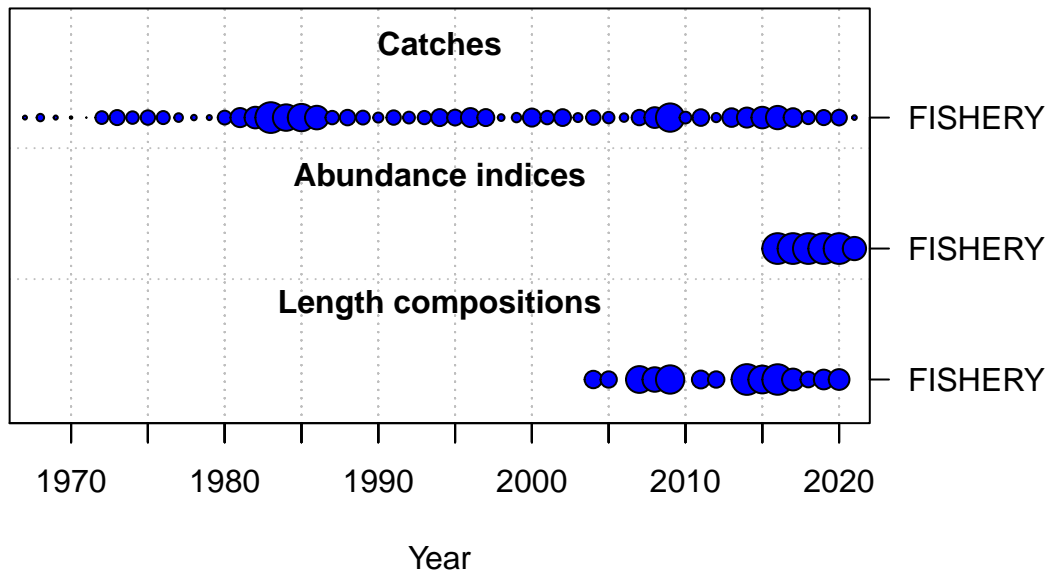




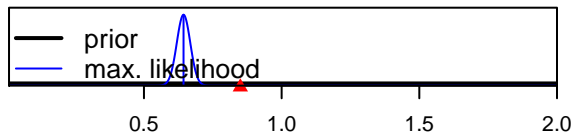




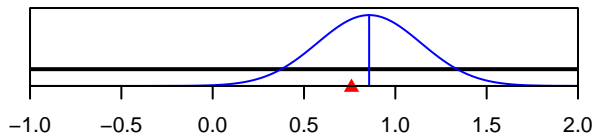




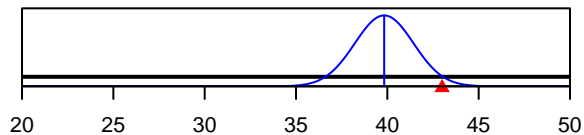
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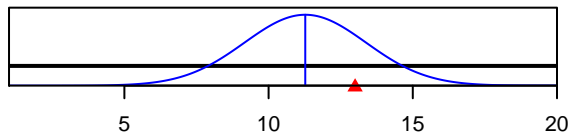
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Size_inflection_FISHERY(1)



Size_95%width_FISHERY(1)



Parameter value