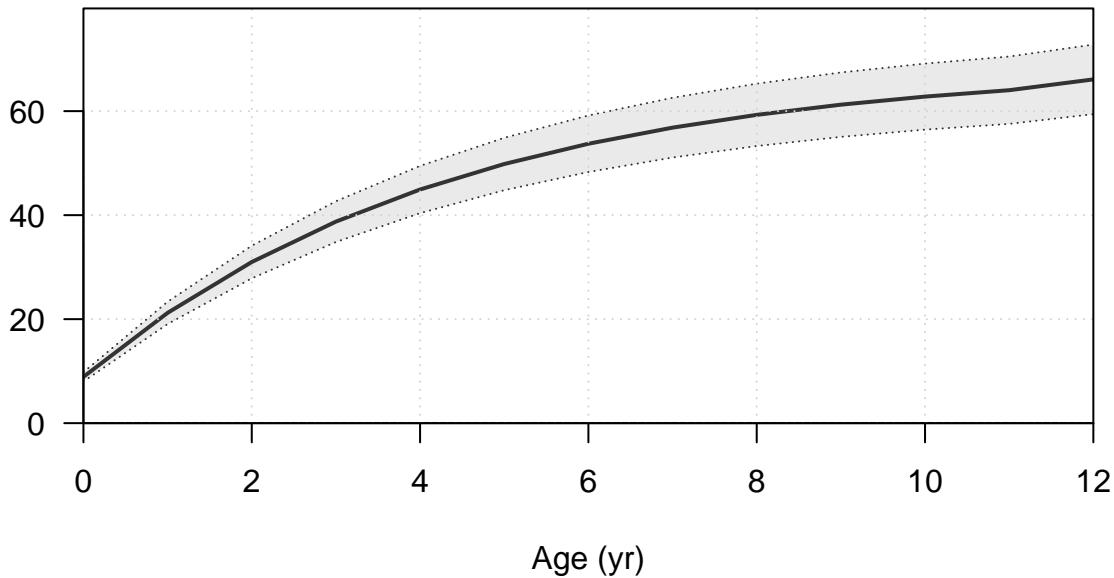
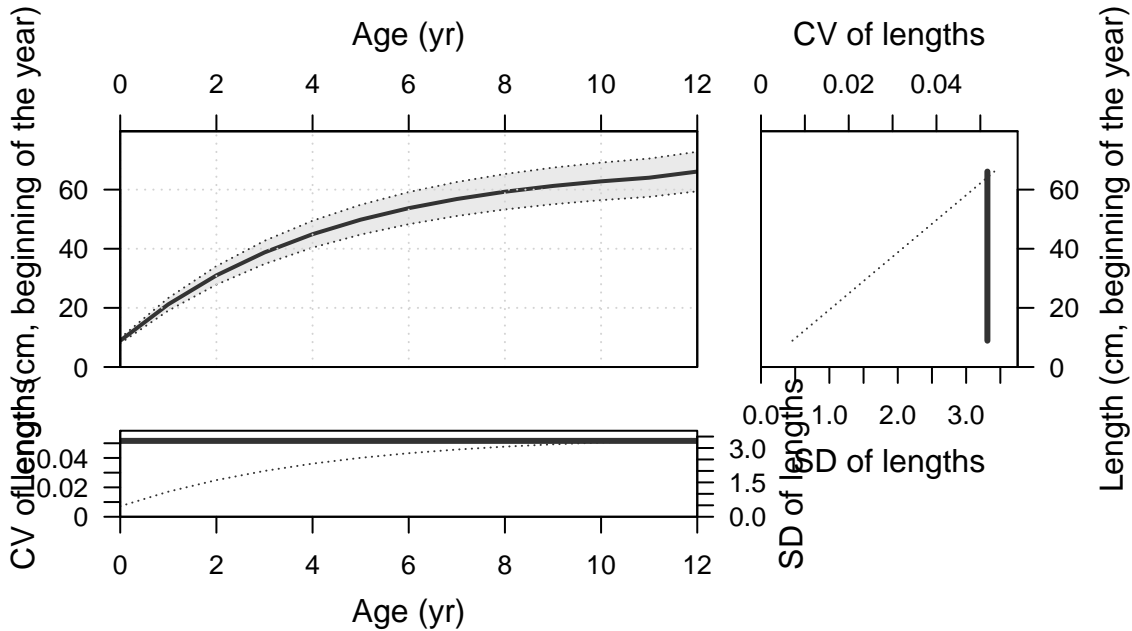
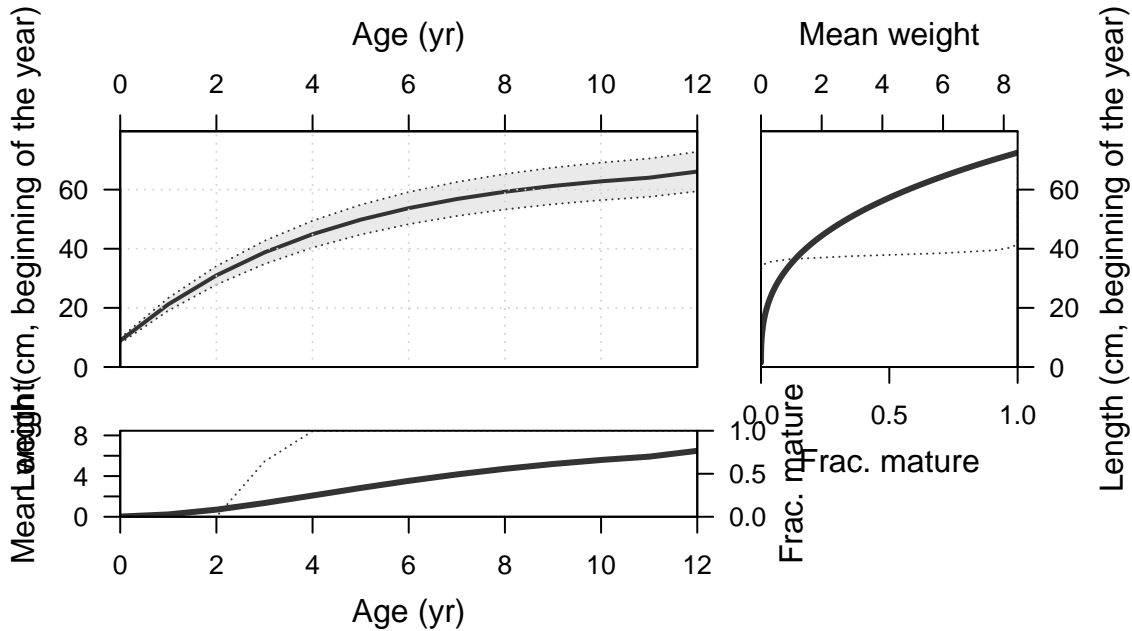


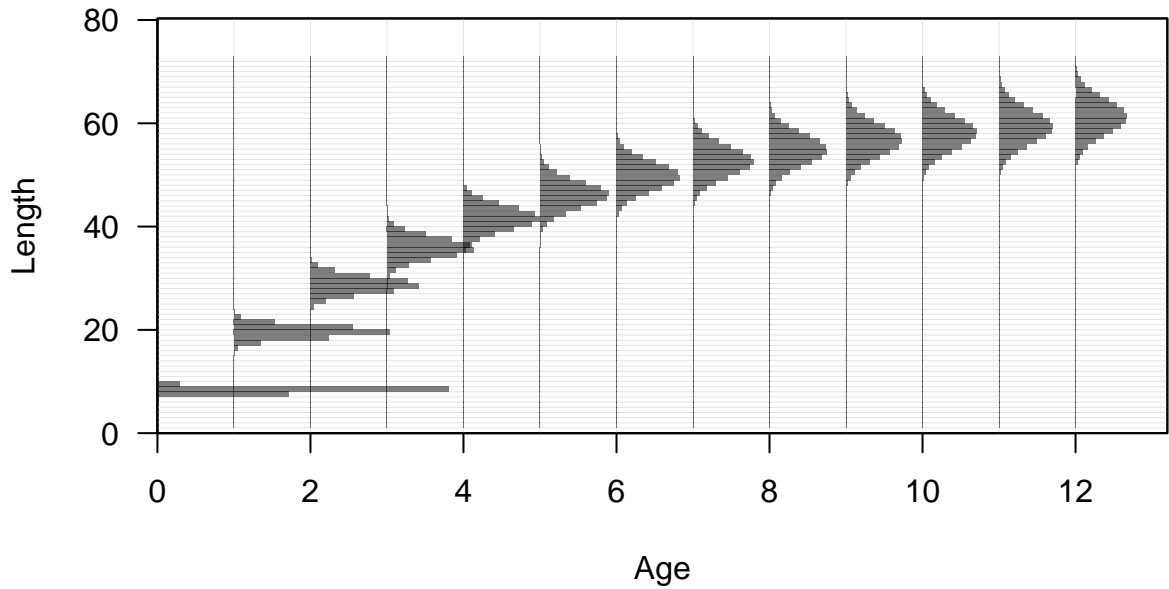
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Stock Synthesis version: 3.30.19.0
StartTime: Thu Jan 05 20:18:52 2023
Data_File: data.ss
Control_File: control.ss

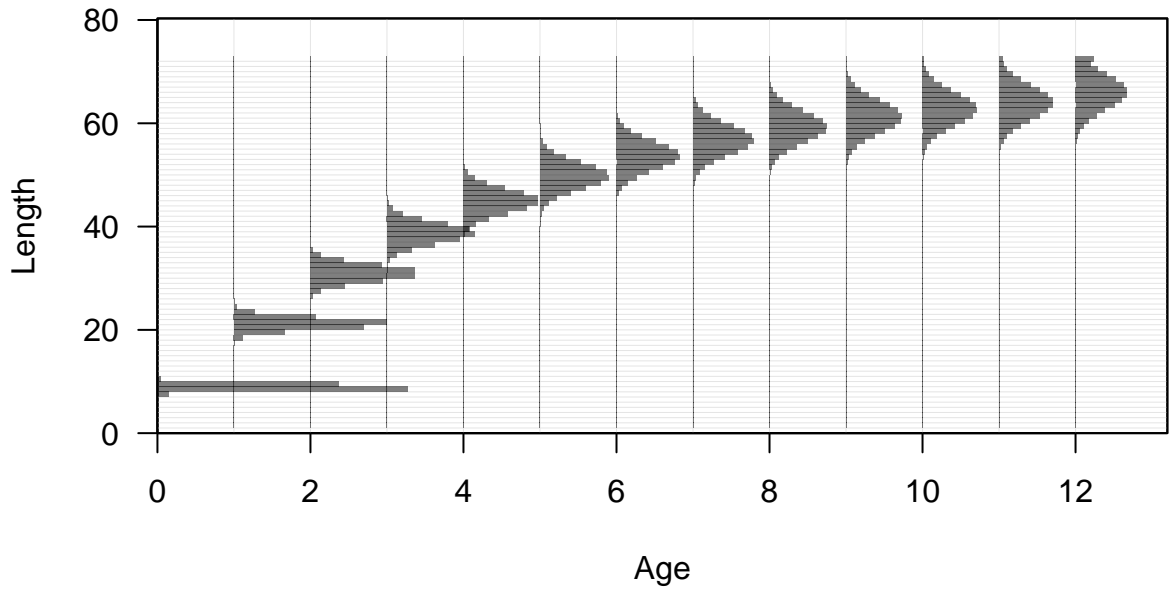
Length (cm, beginning of the year)

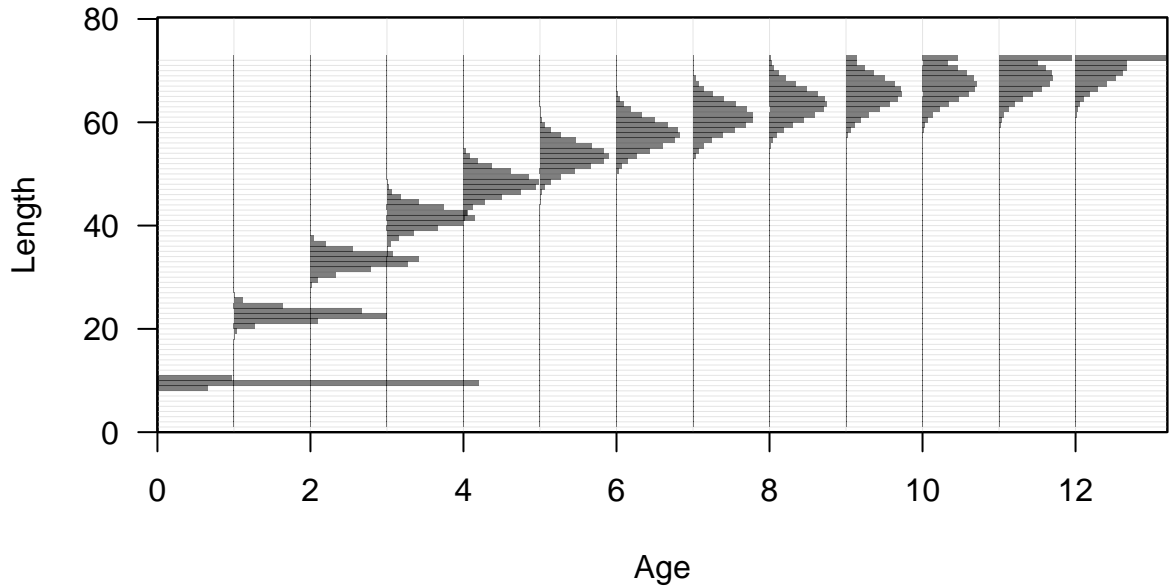


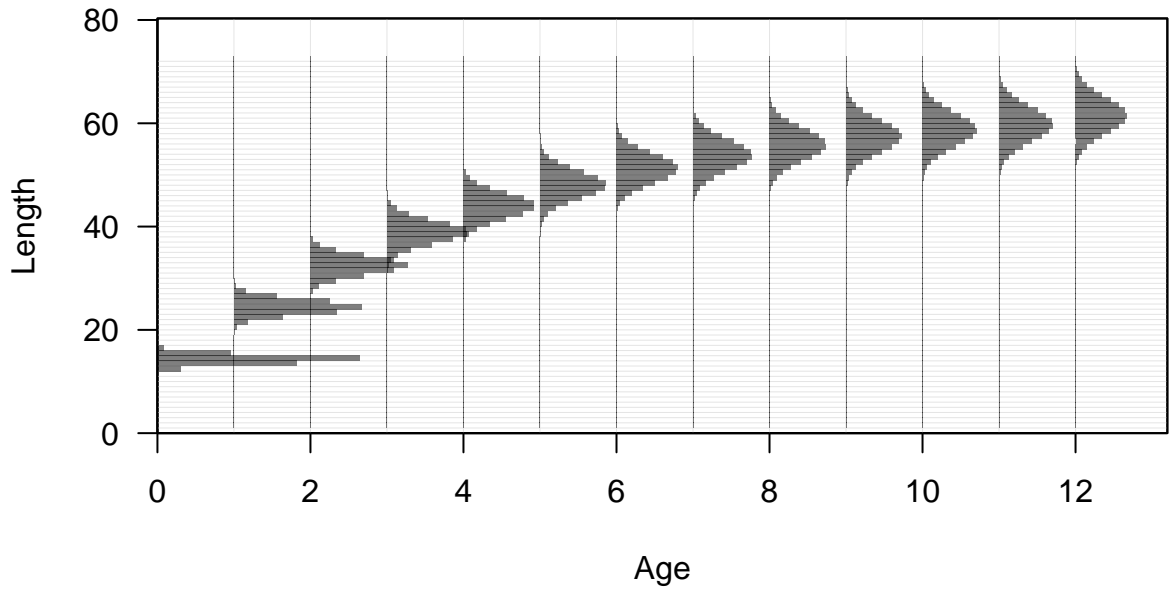


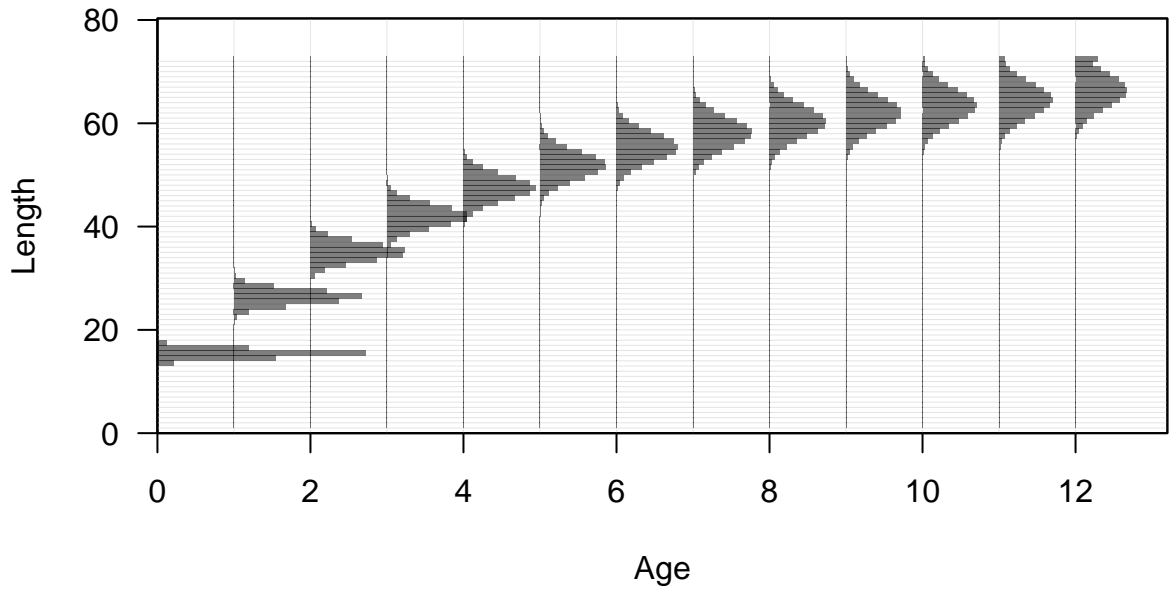


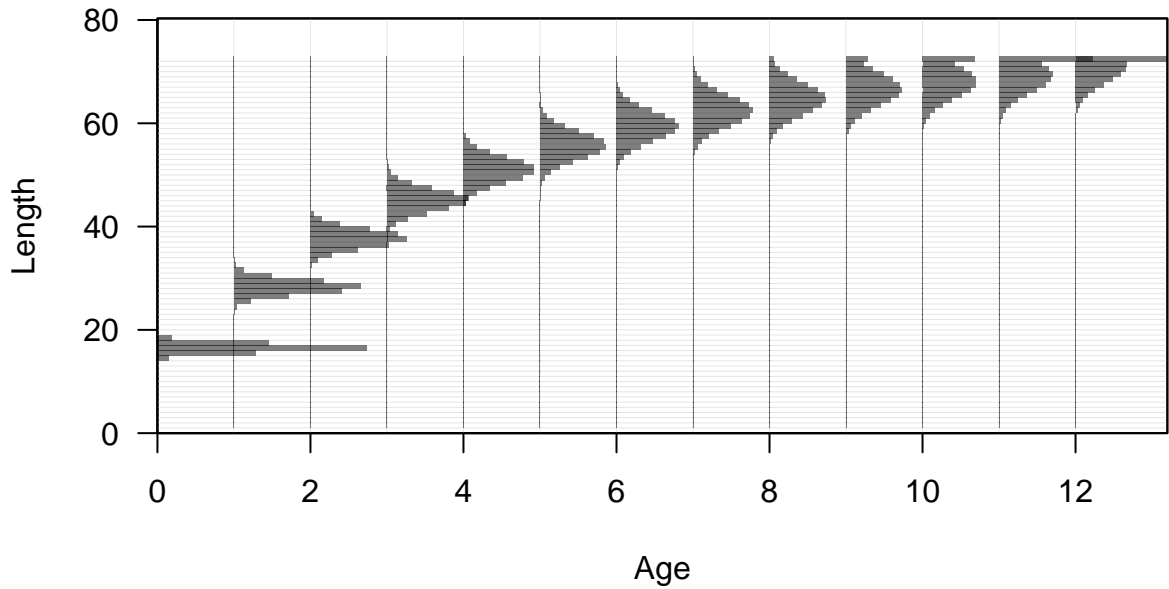


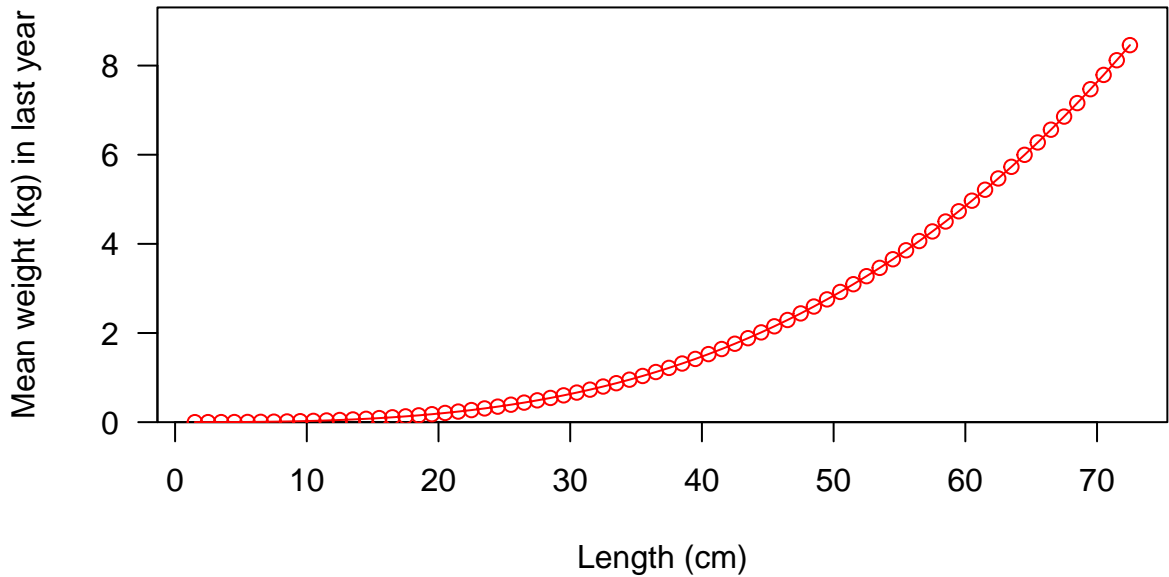


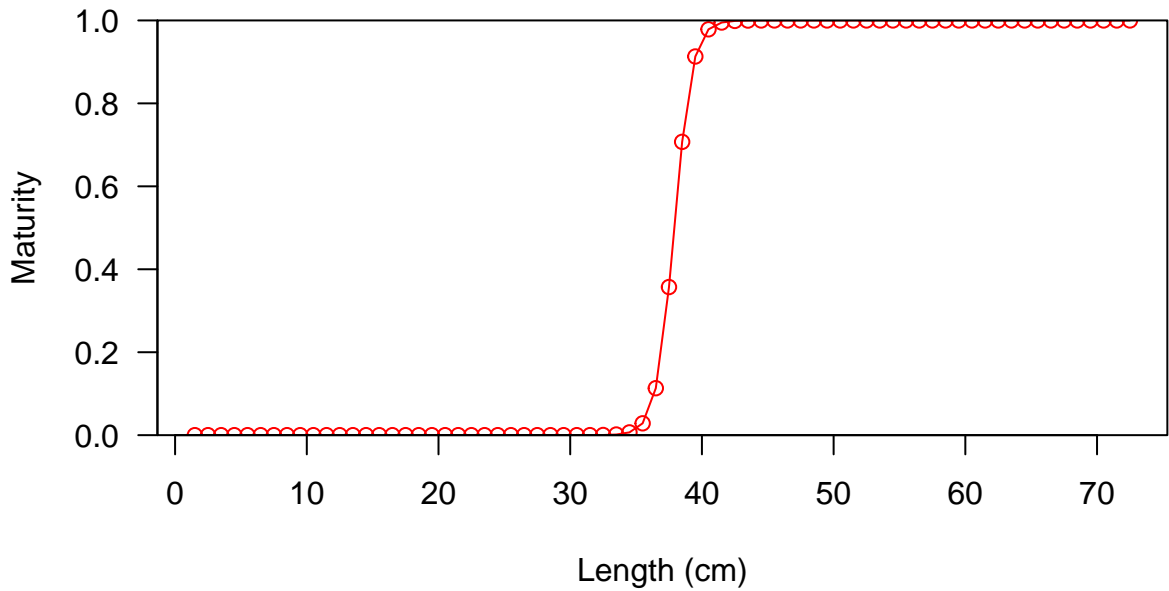


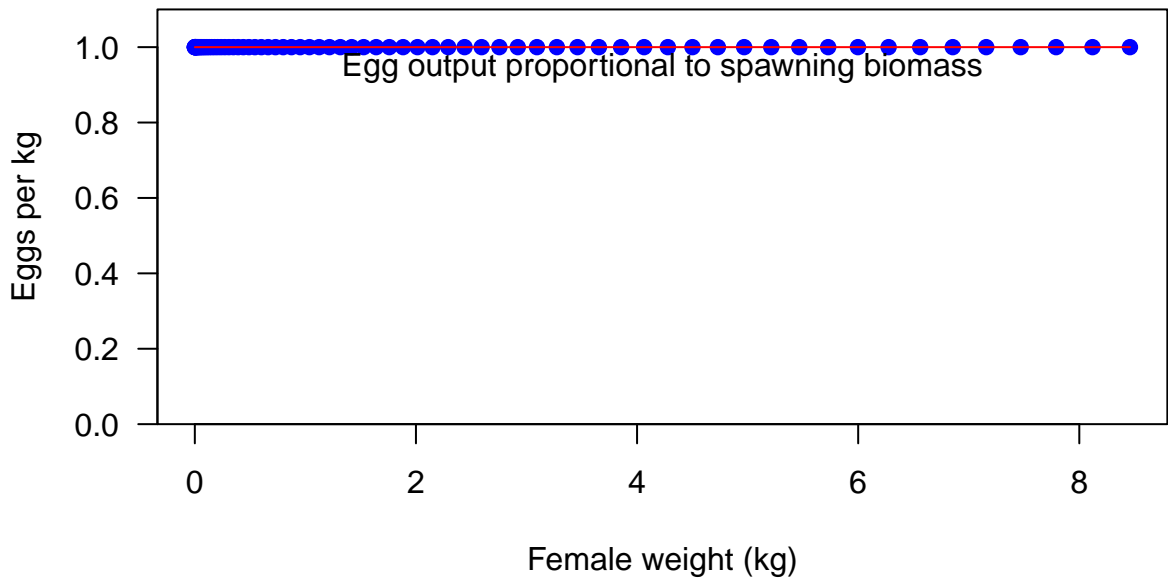




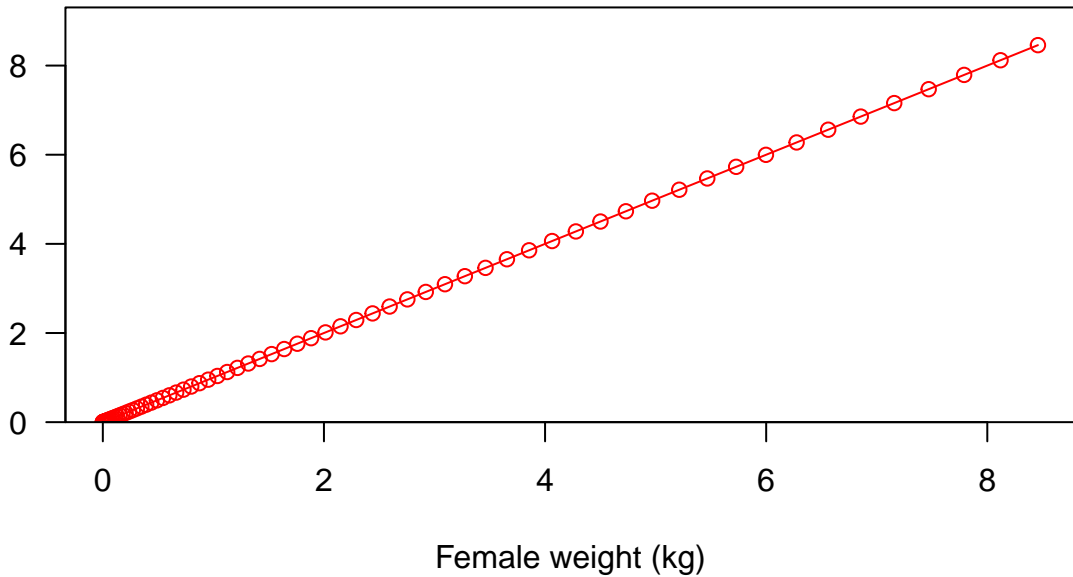




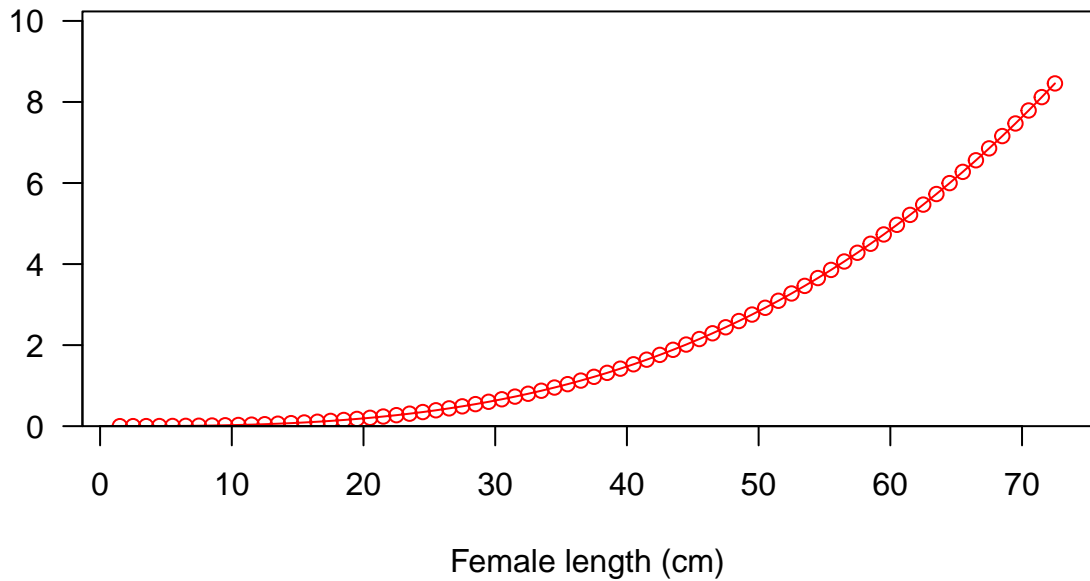




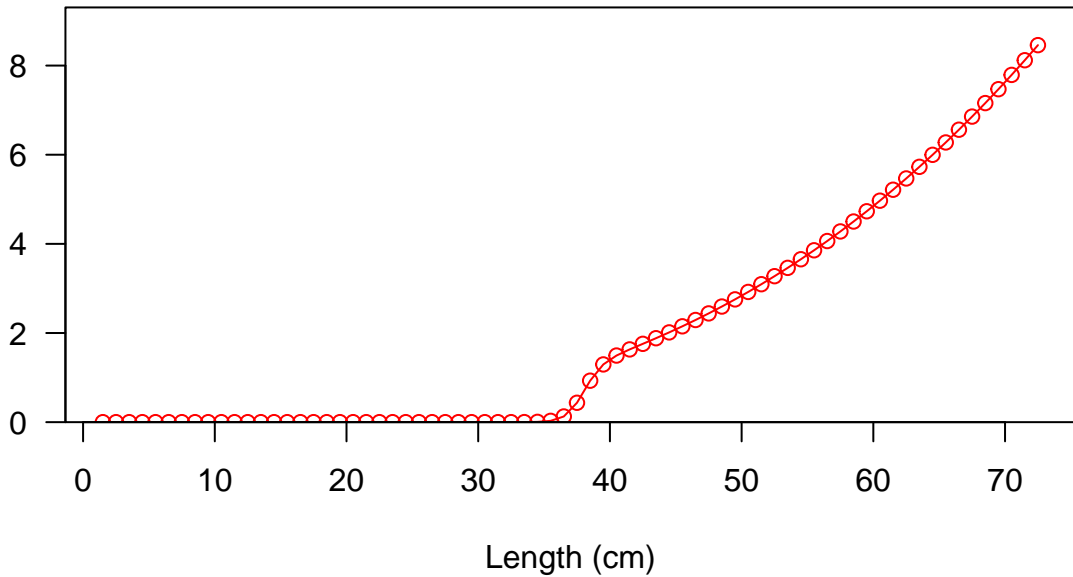
Fecundity



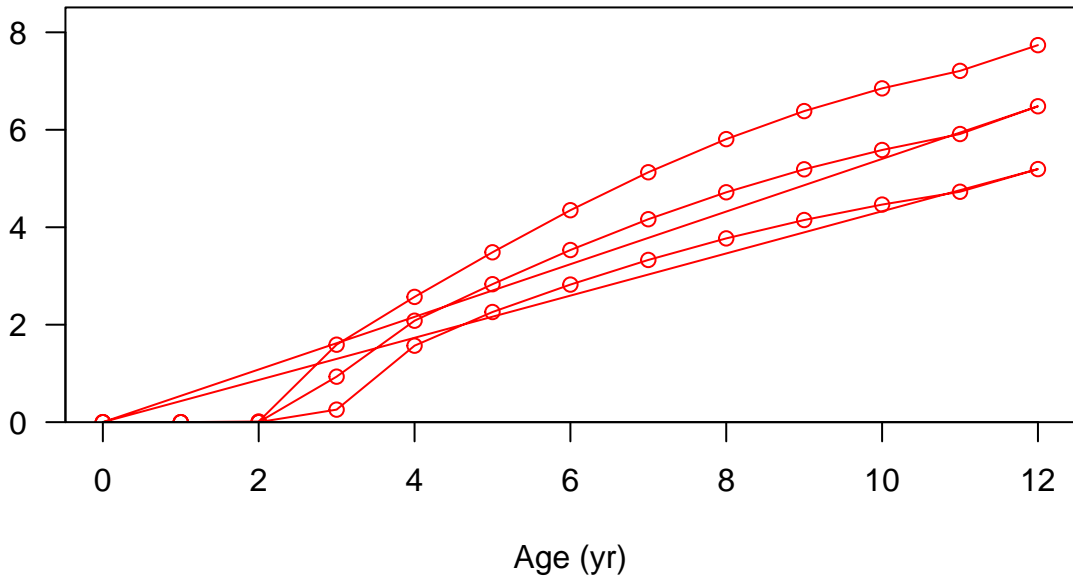
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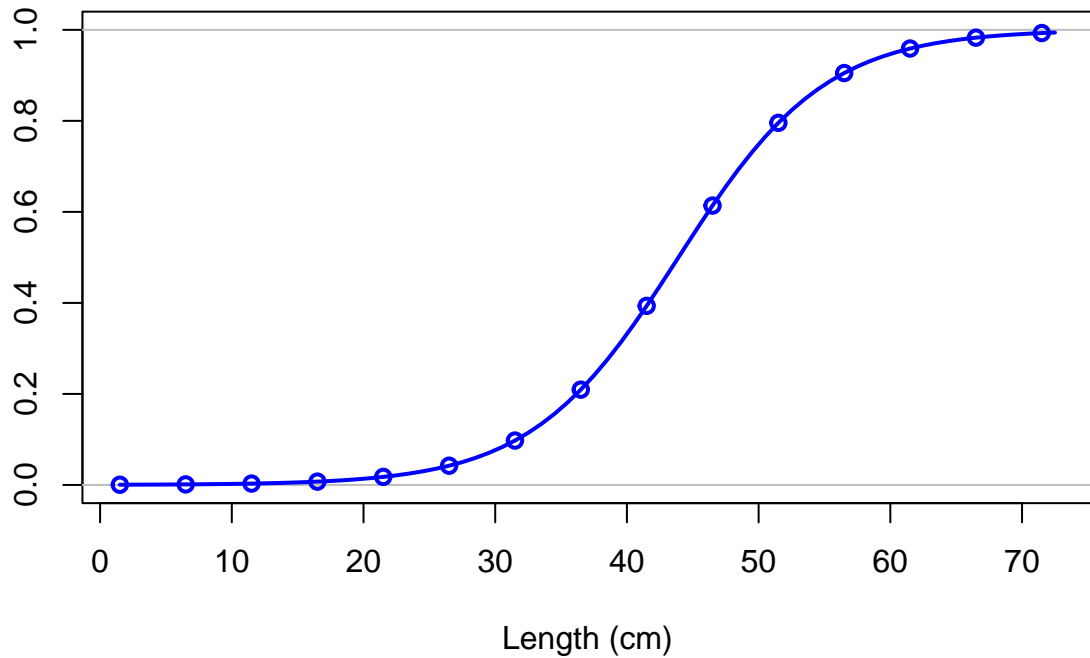
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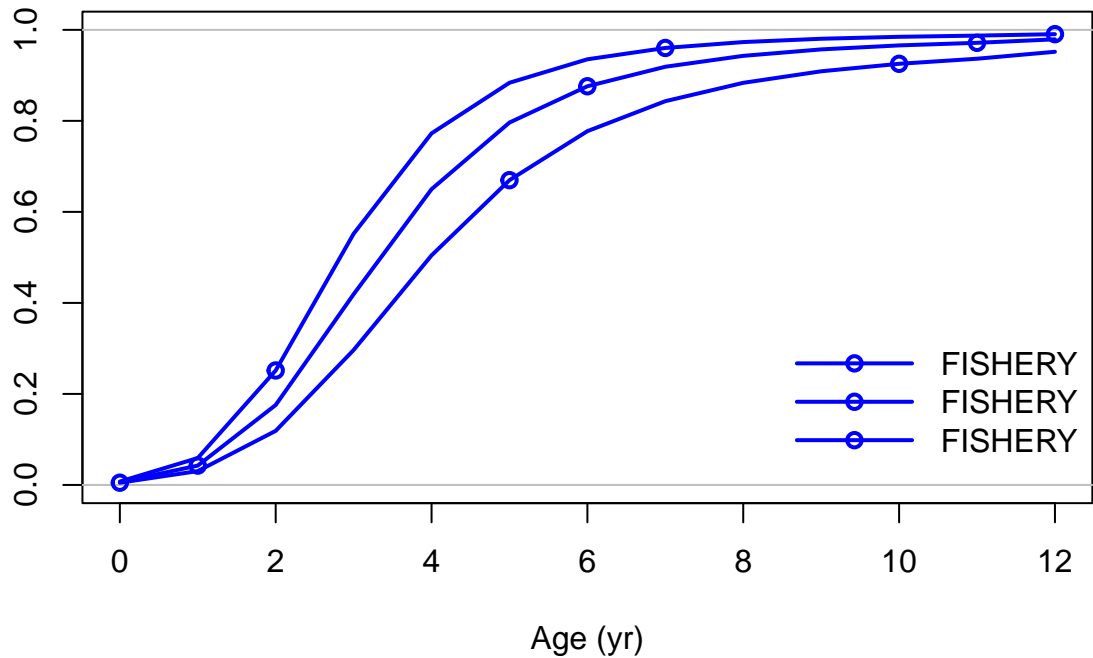
Spawning output



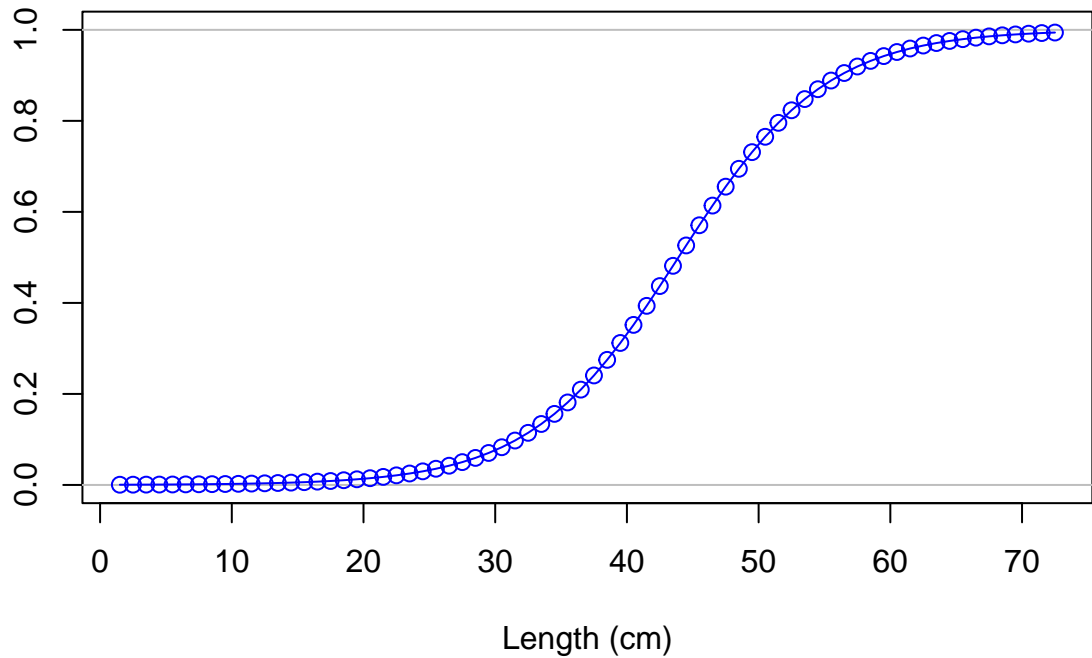
Selectivity

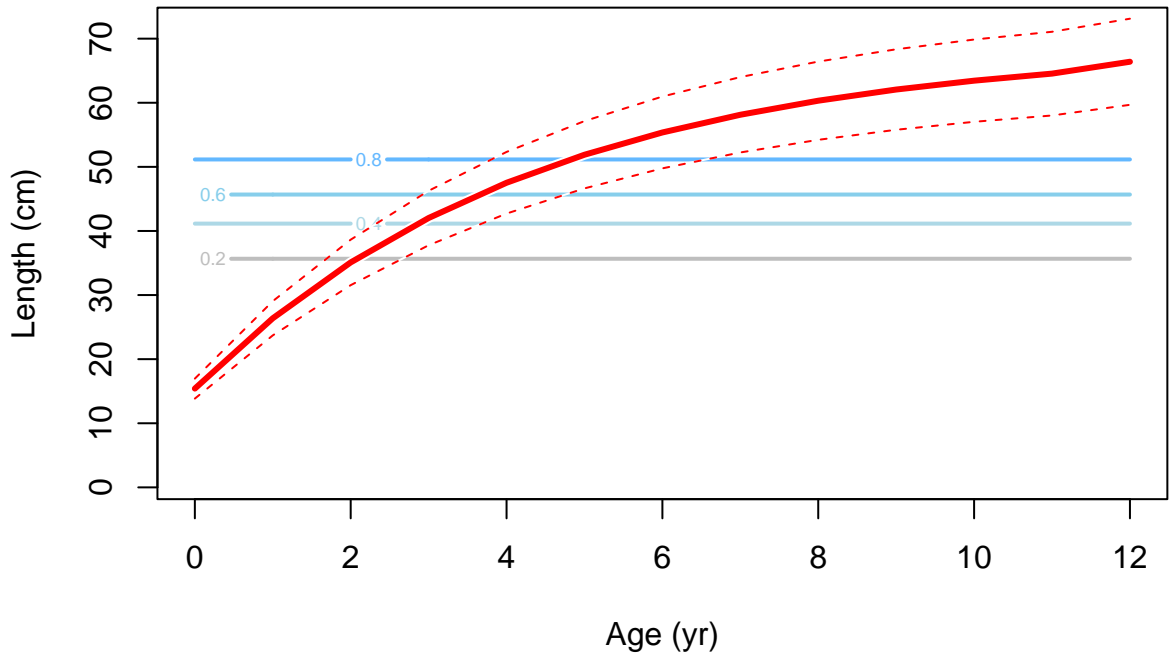


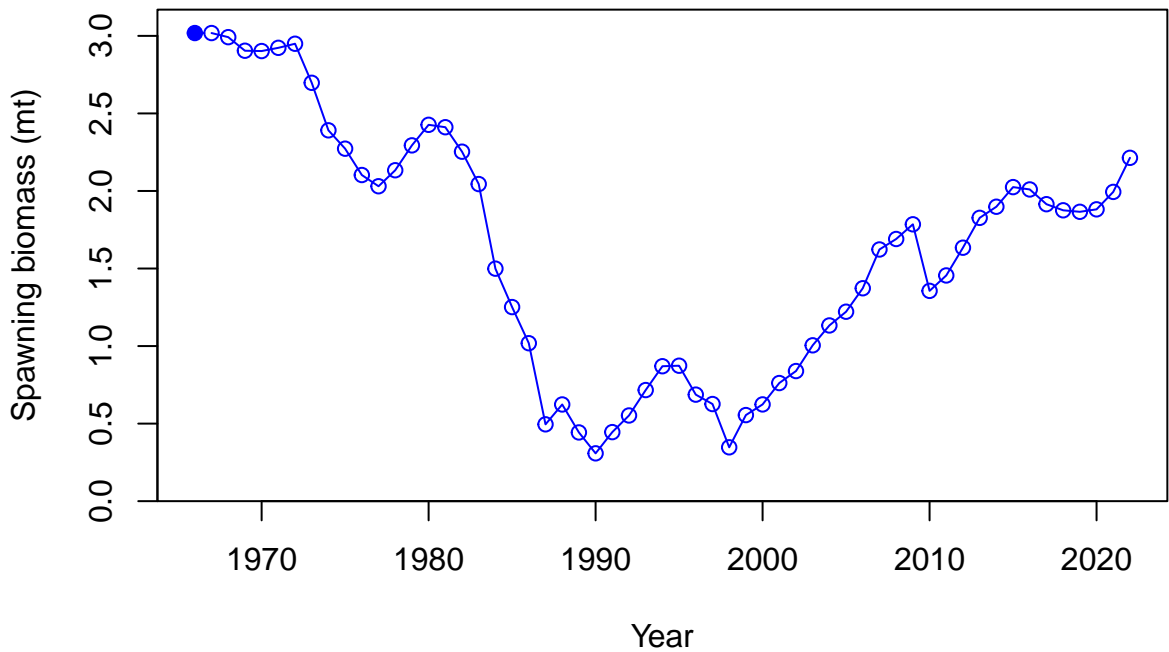
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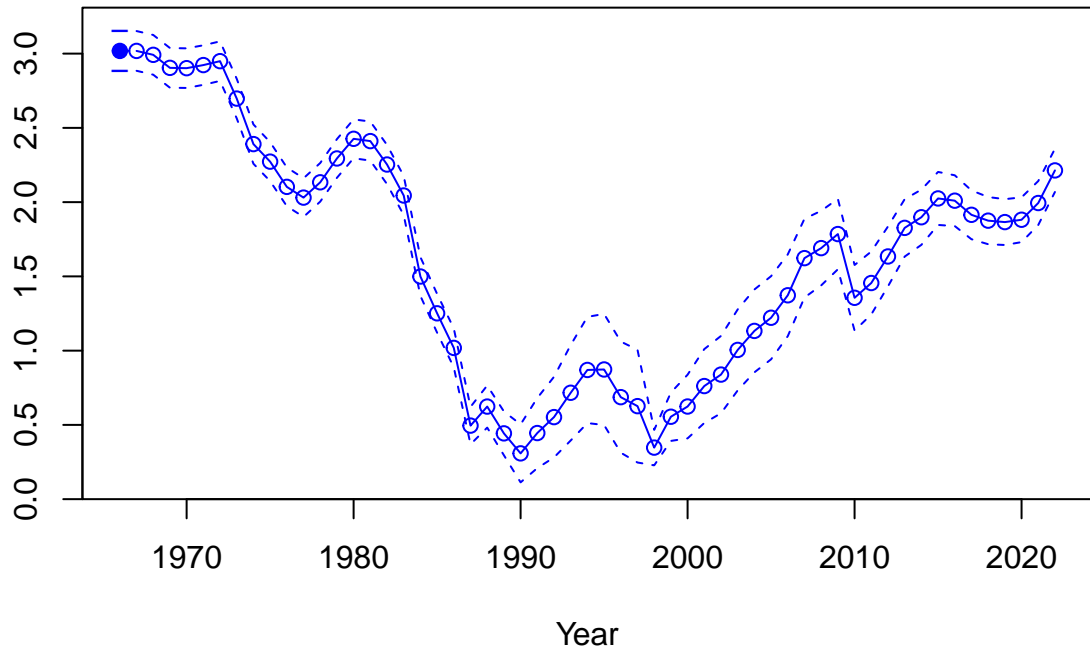
Selectivity



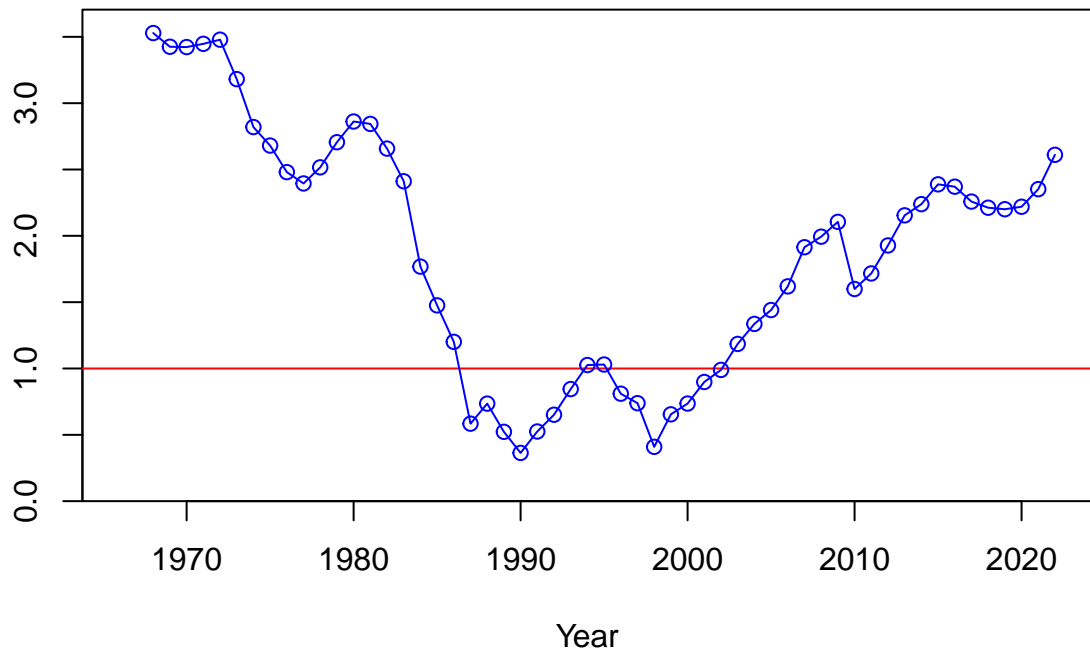




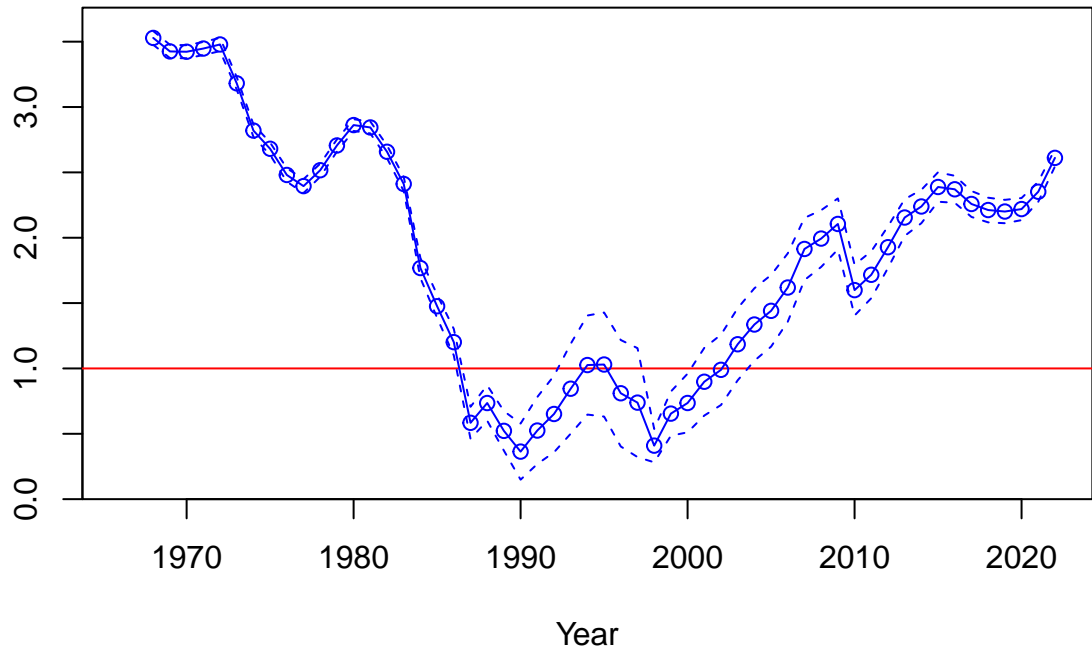
Spawning biomass (mt)

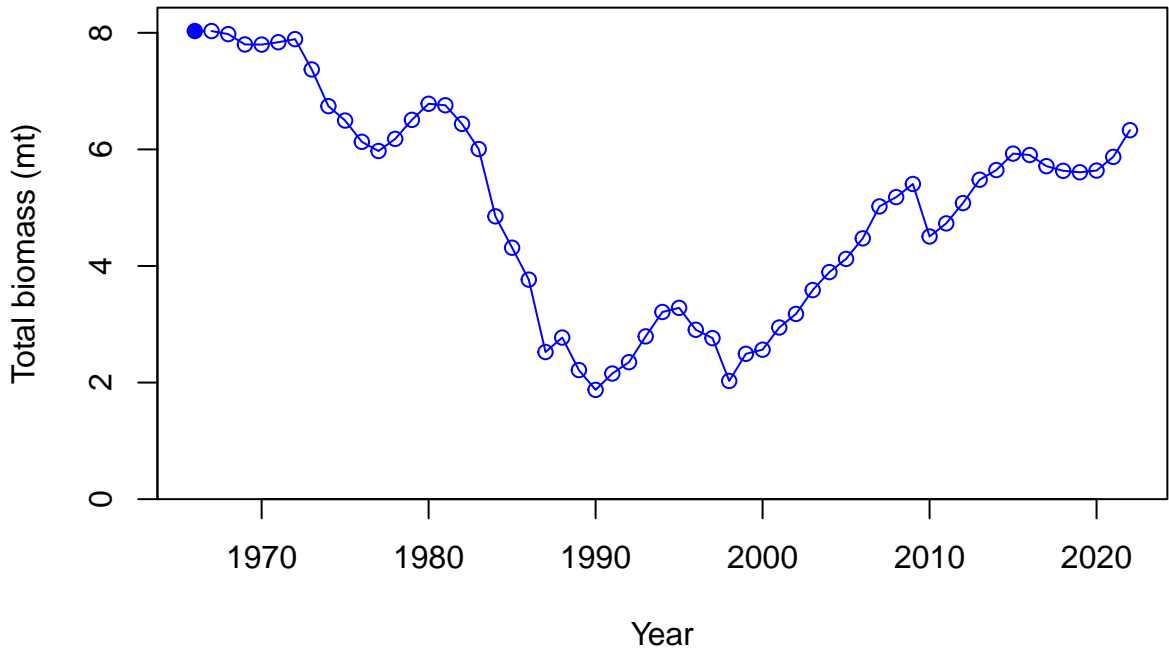


Relative spawning biomass: B/B_{MSY}

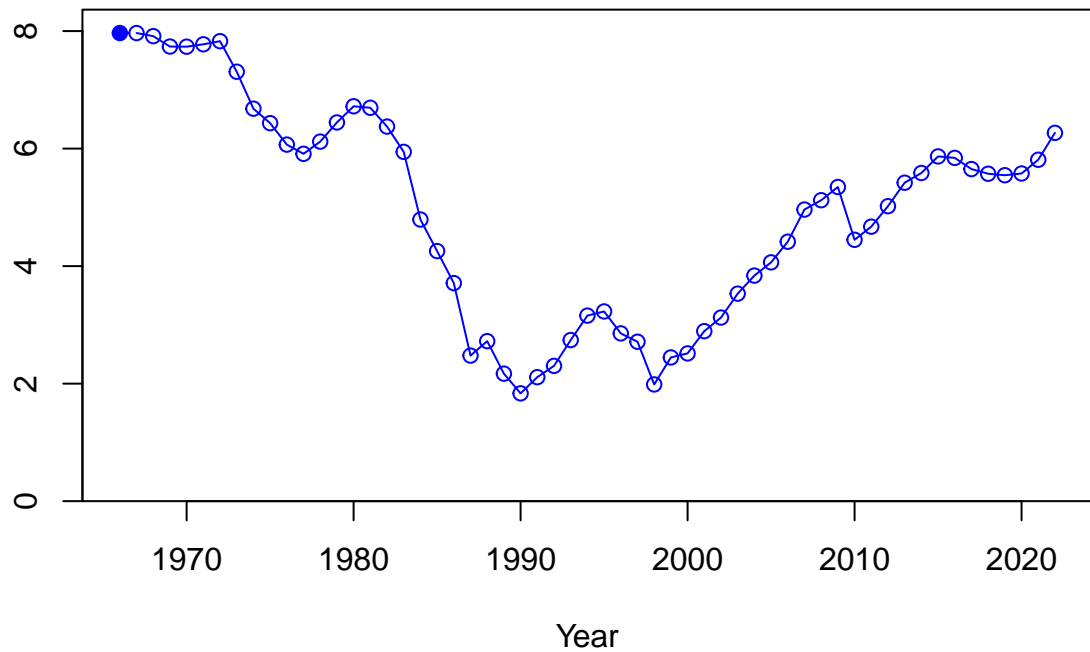


Relative spawning biomass: B/B_{MSY}

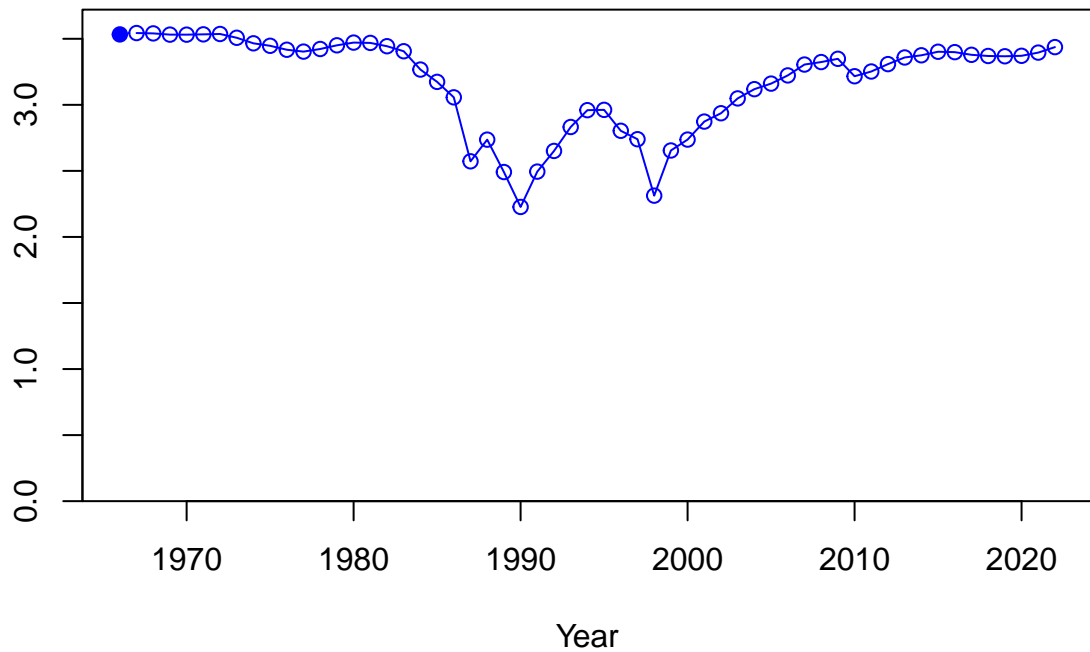




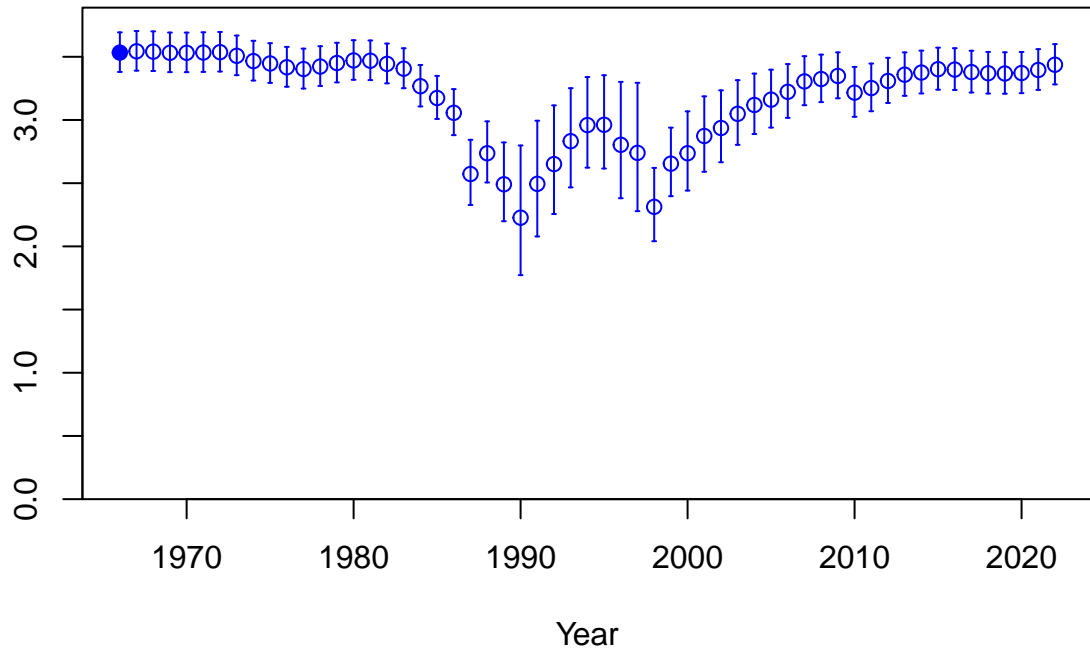
Summary biomass (mt)



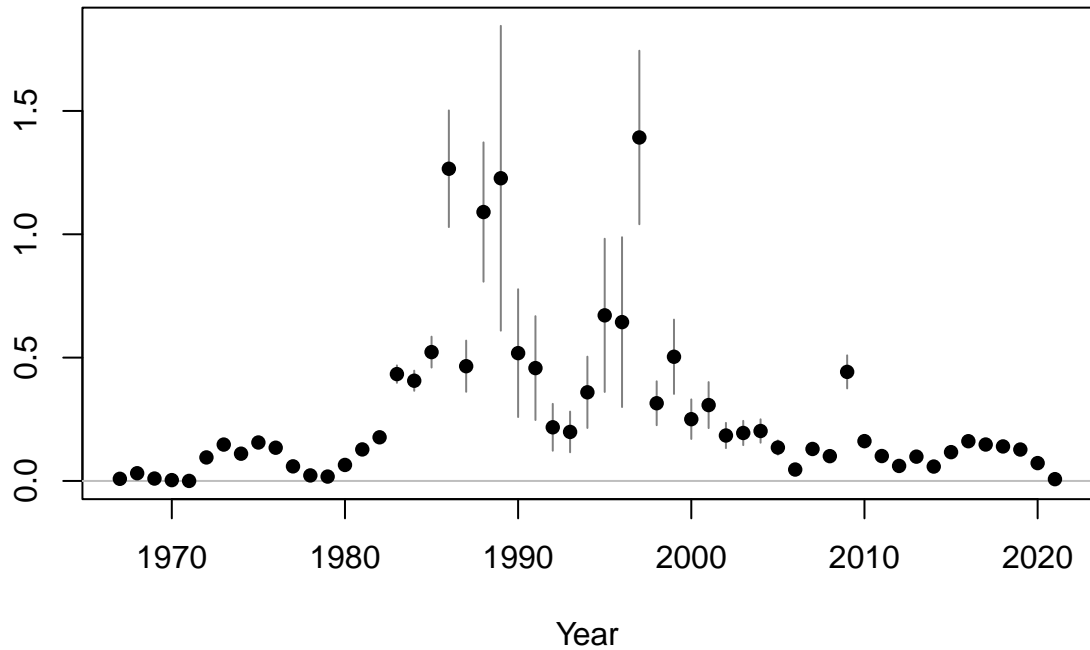
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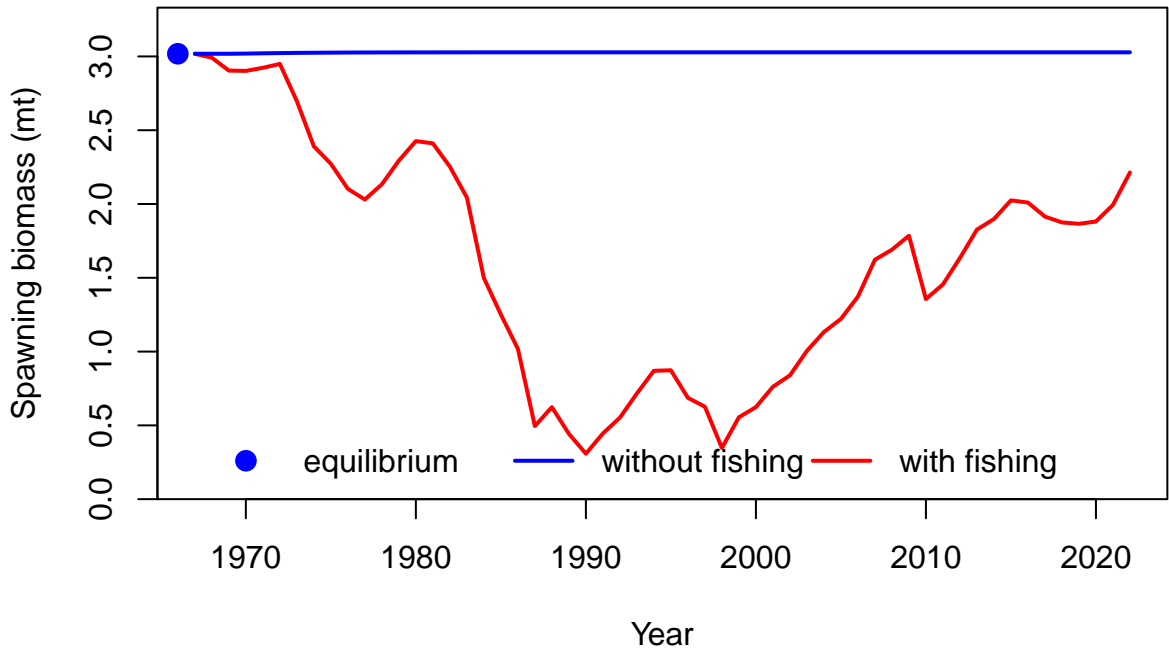


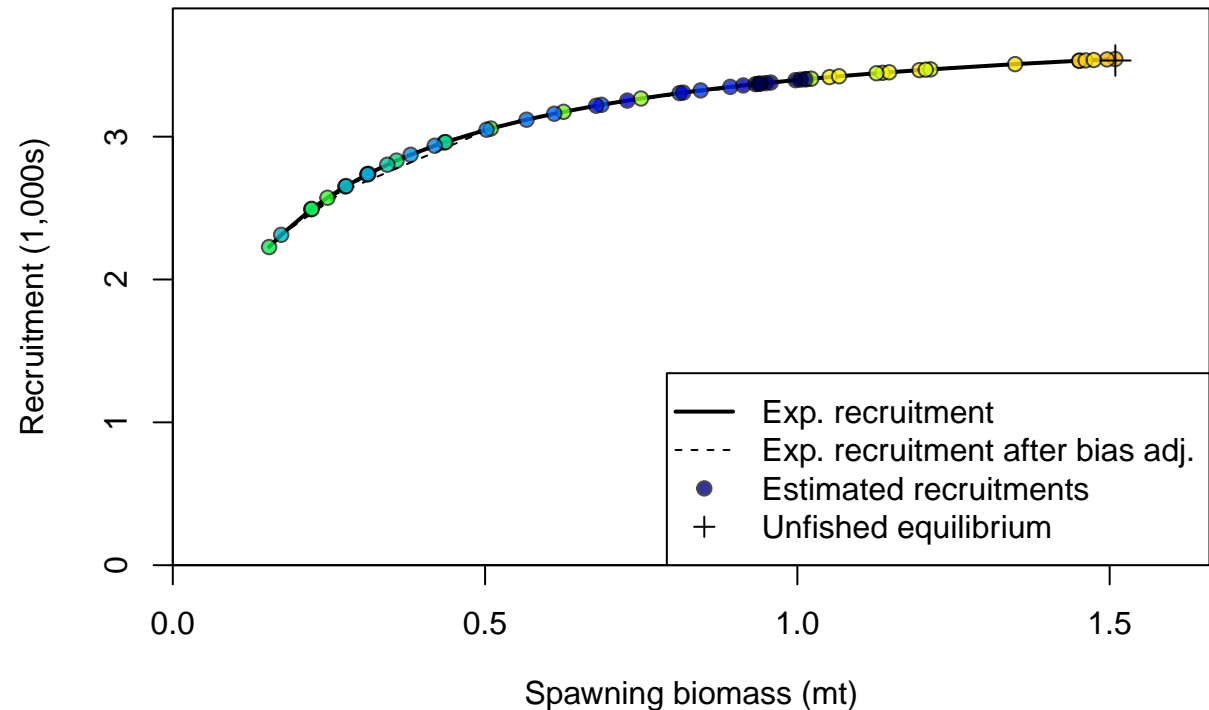
Age-0 recruits (1,000s)

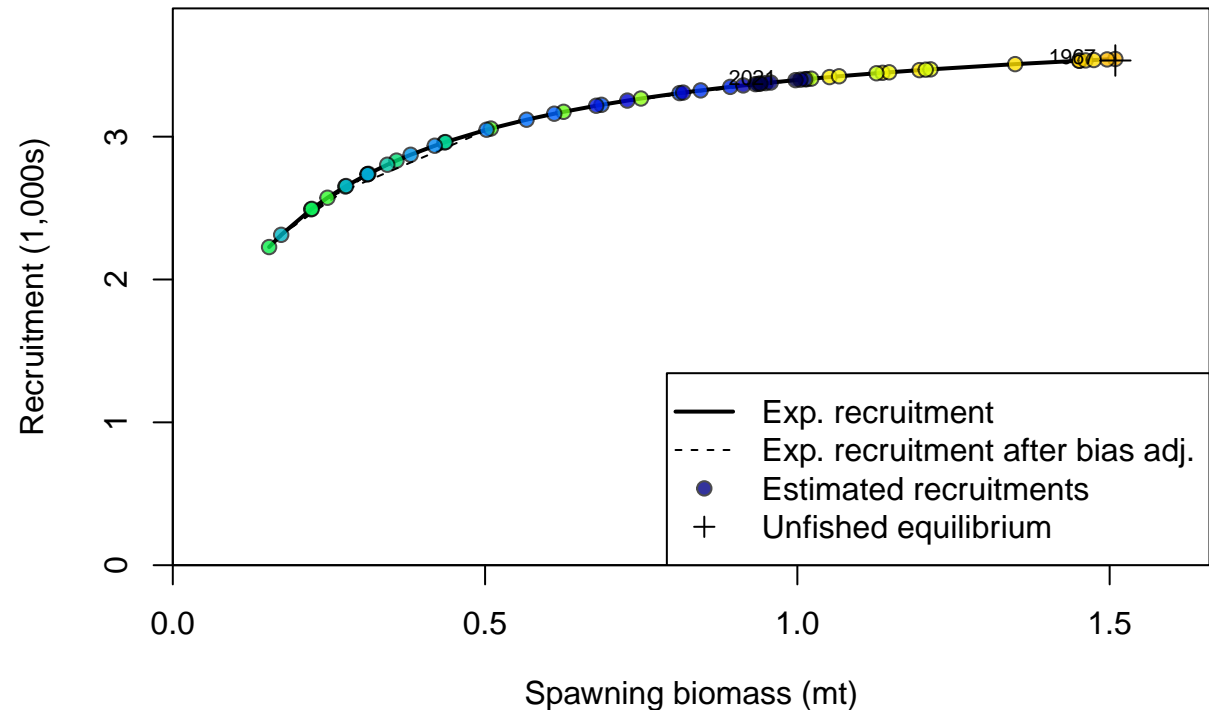


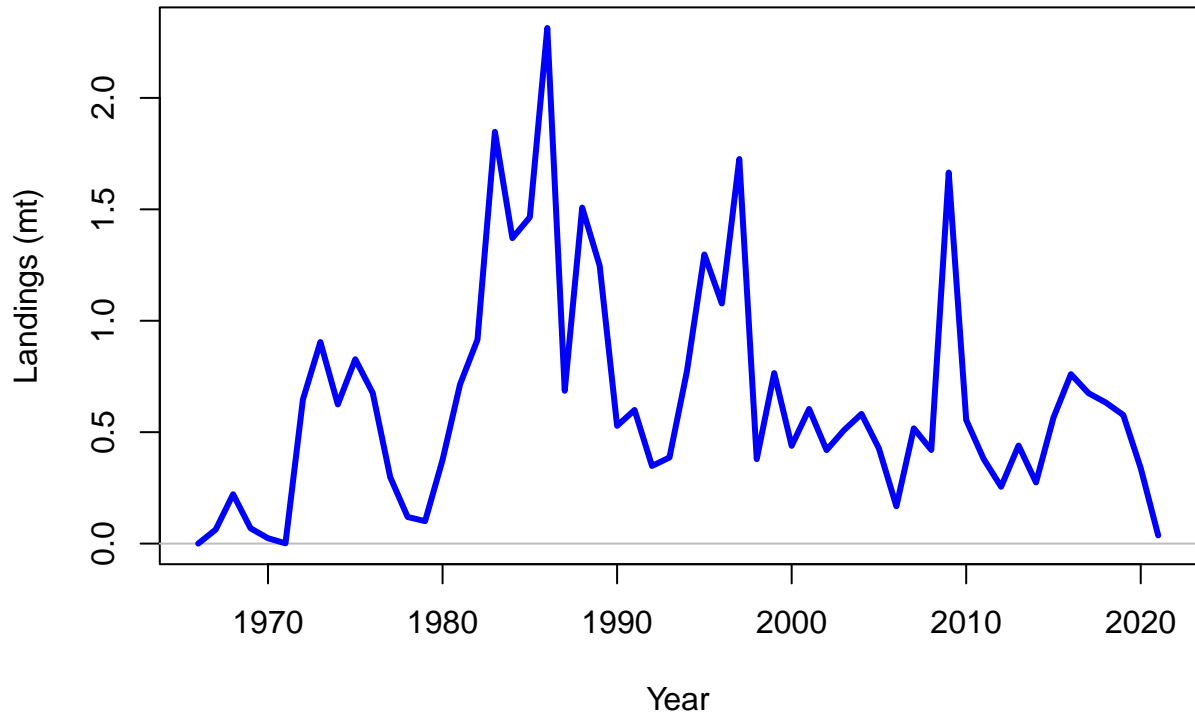
Summary Fishing Mortality

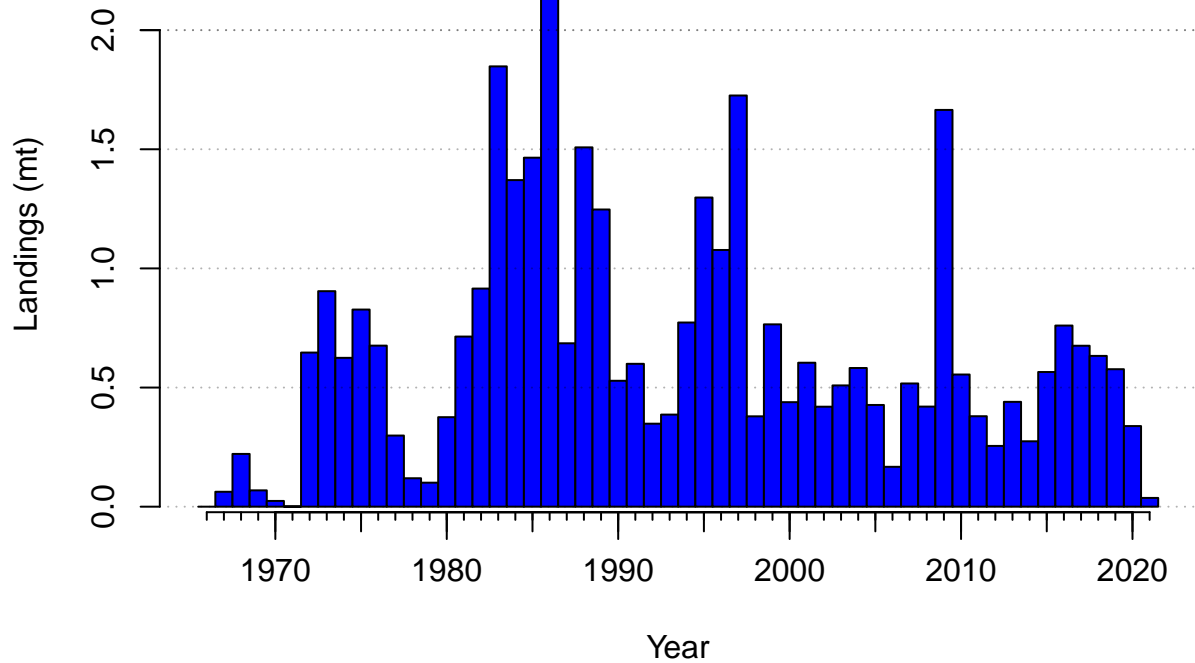


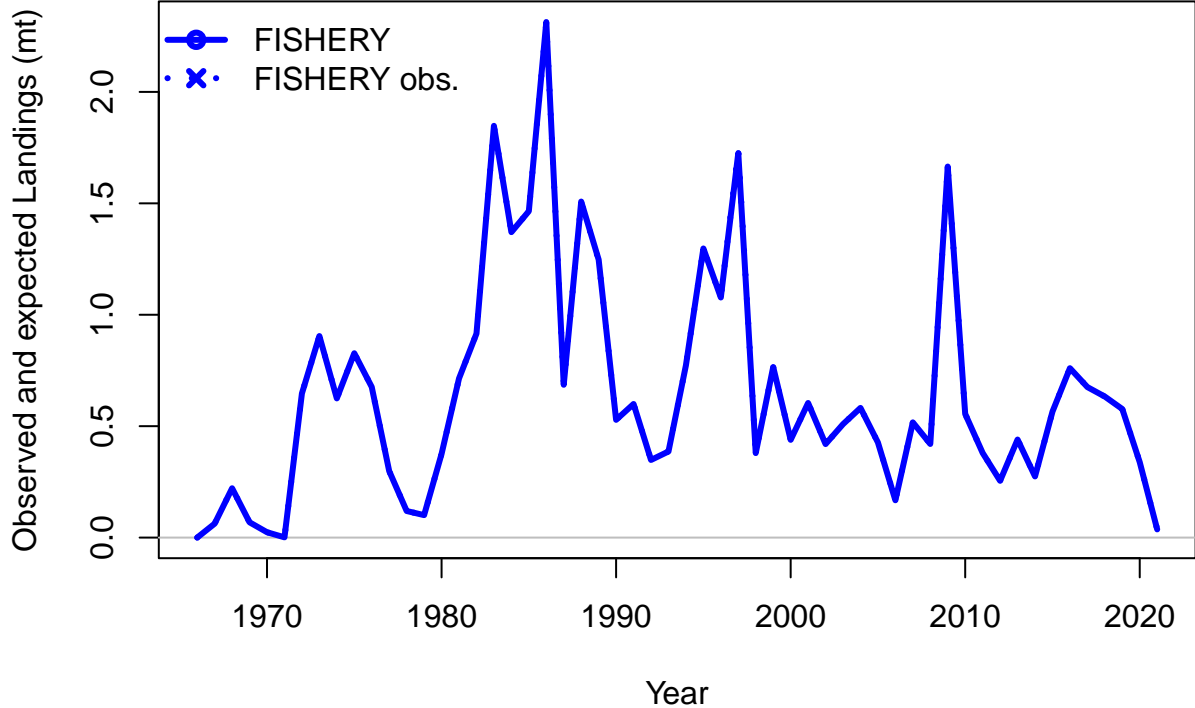


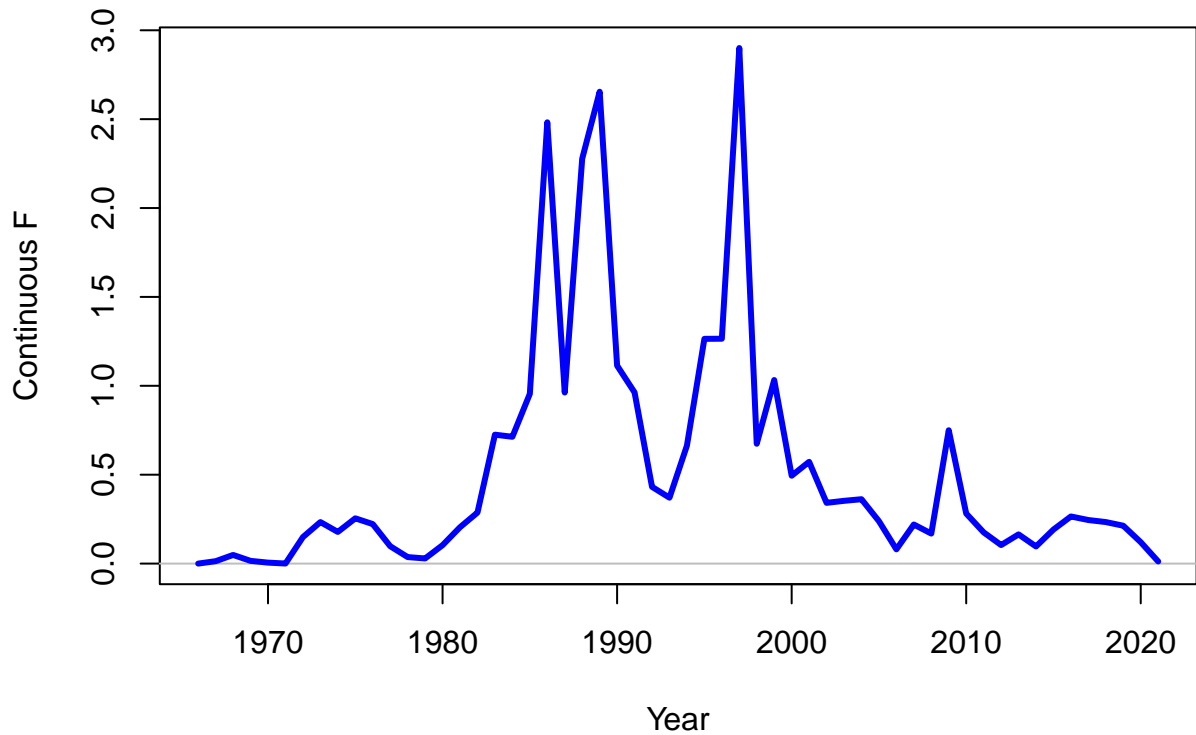




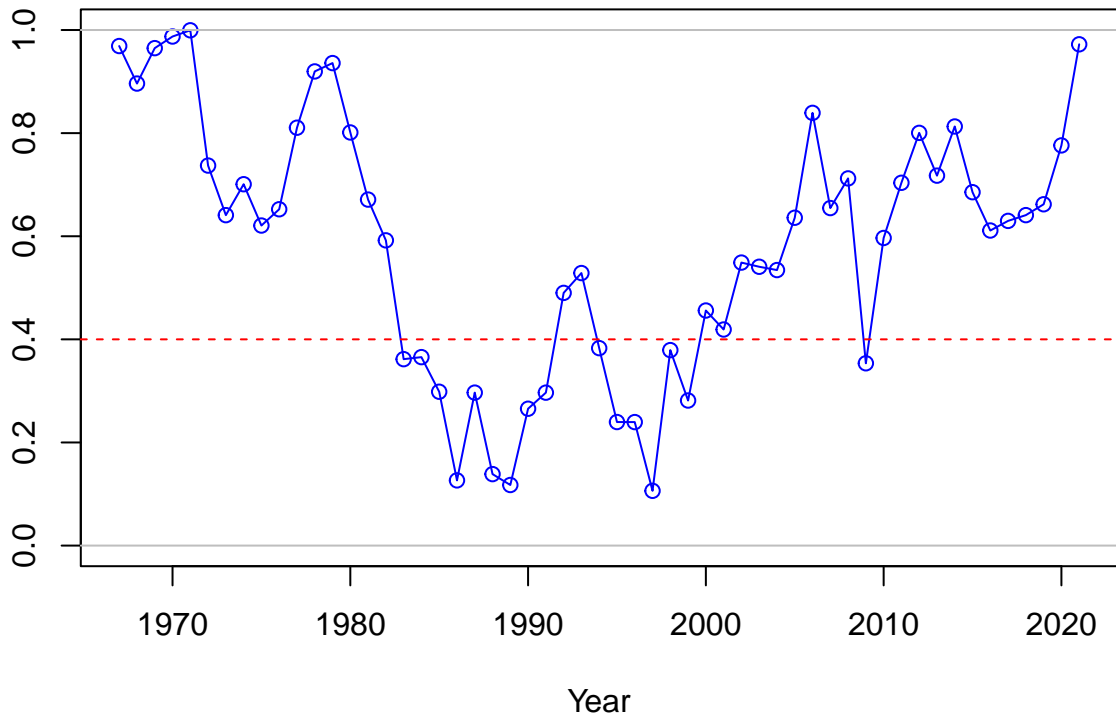


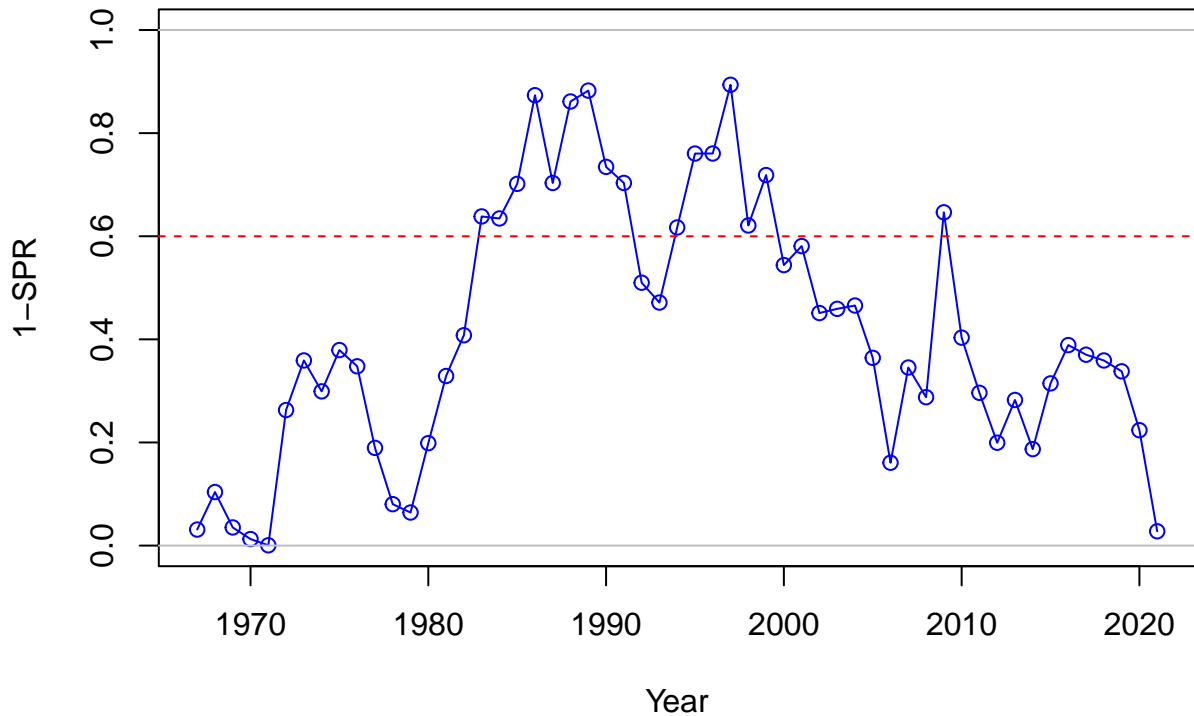




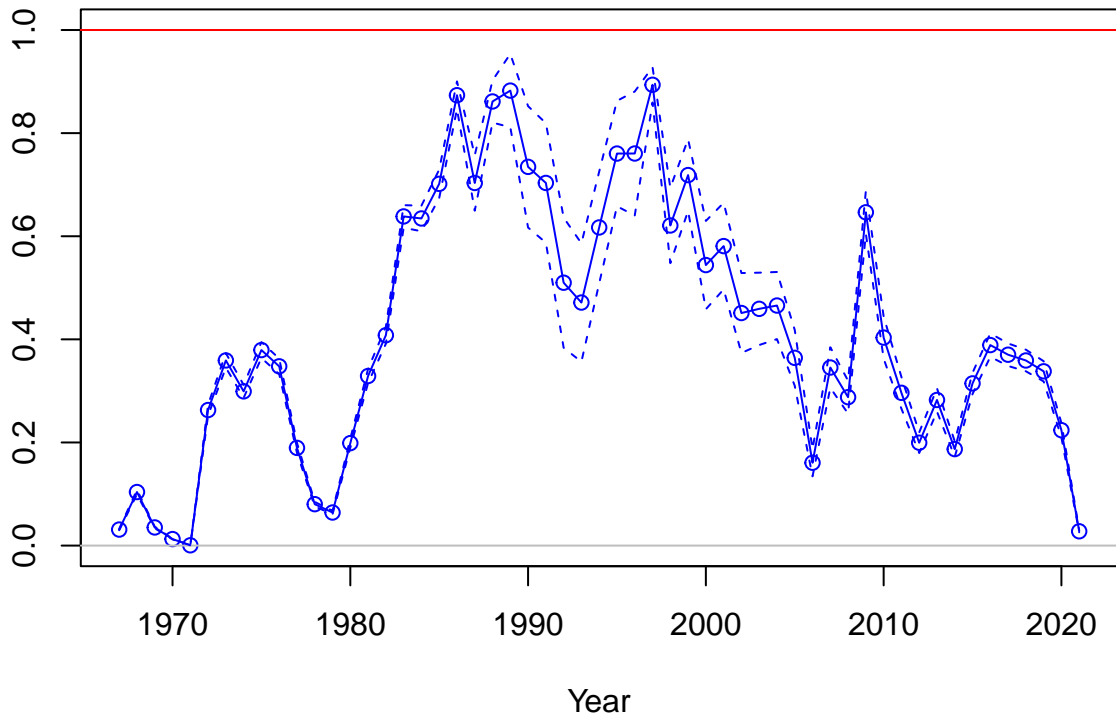


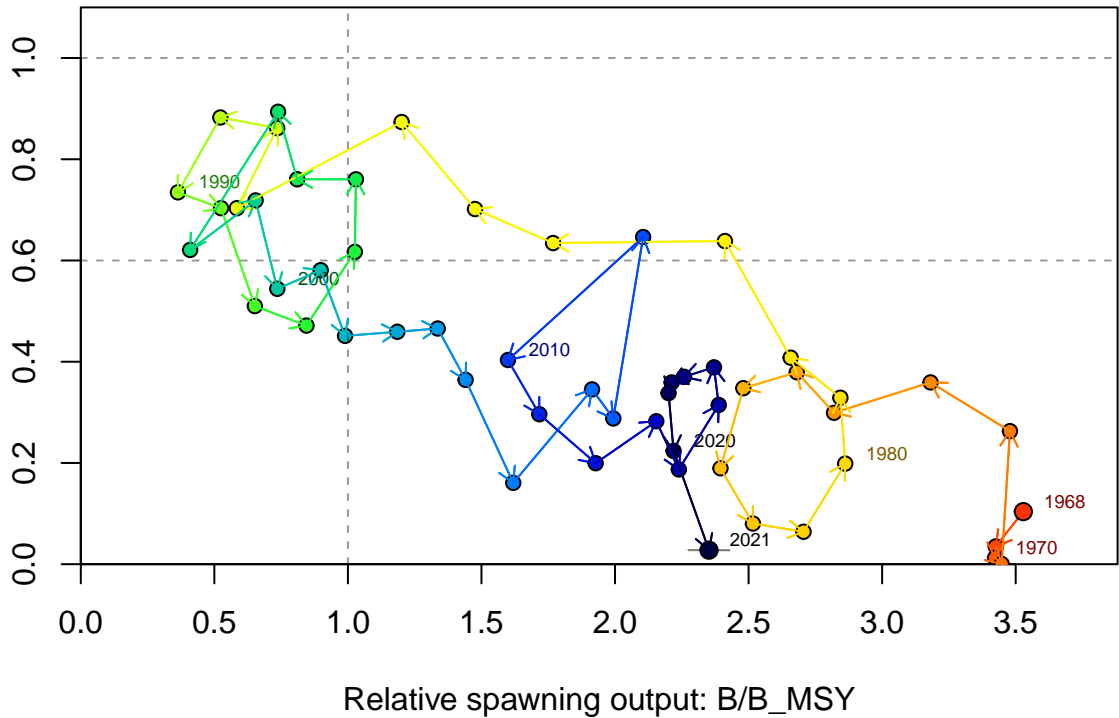
SPR





Fishing intensity: 1-SPR





Index

5
4
3
2
1
0

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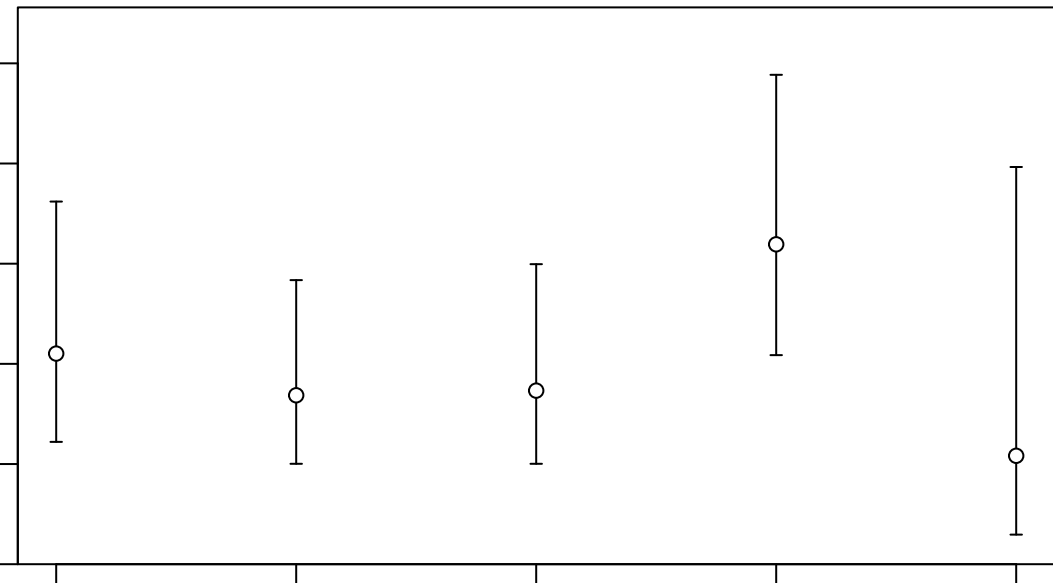
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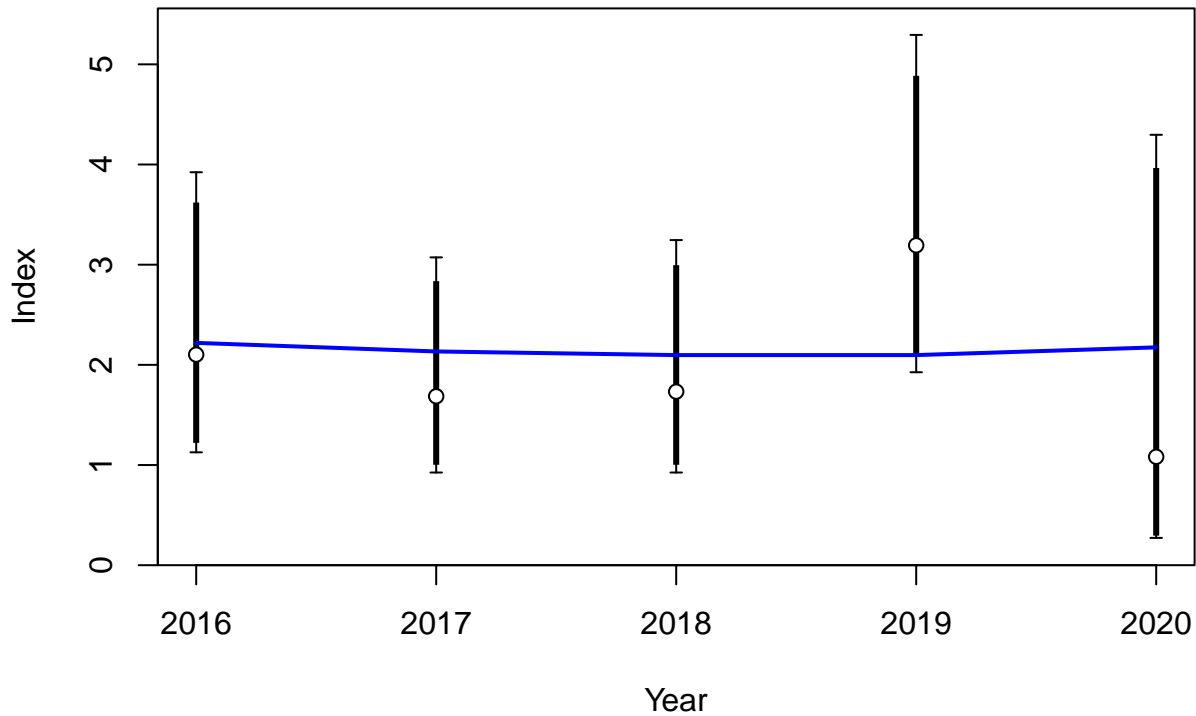
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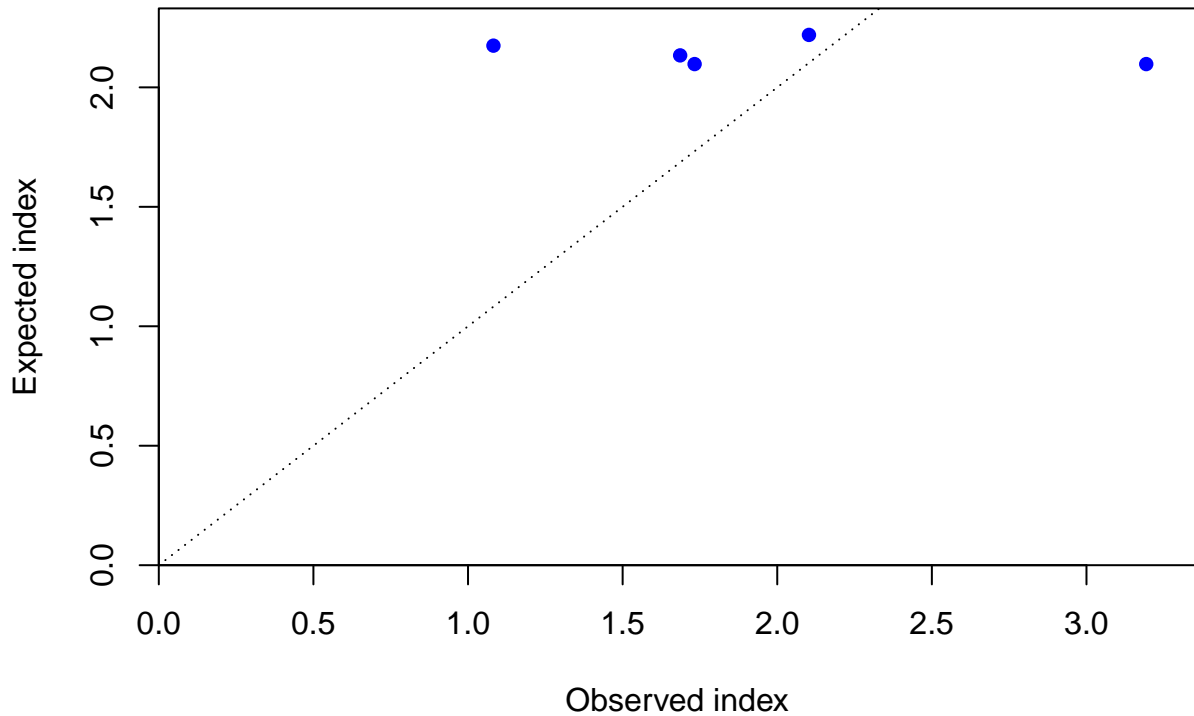
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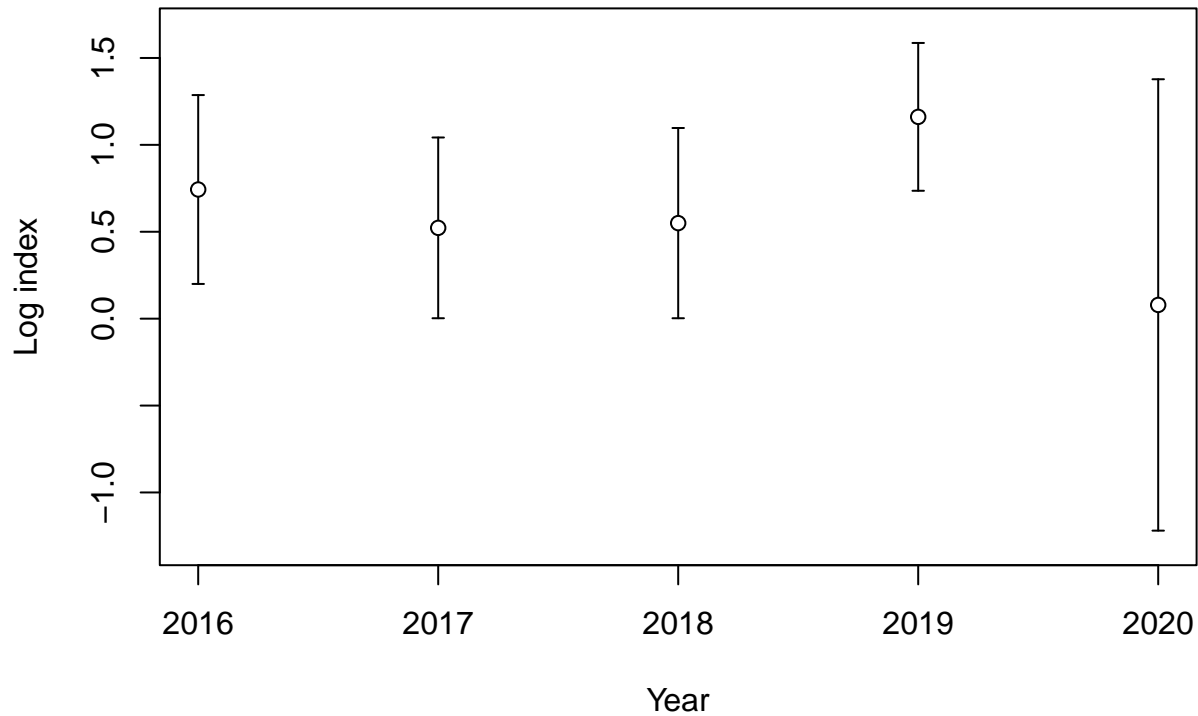
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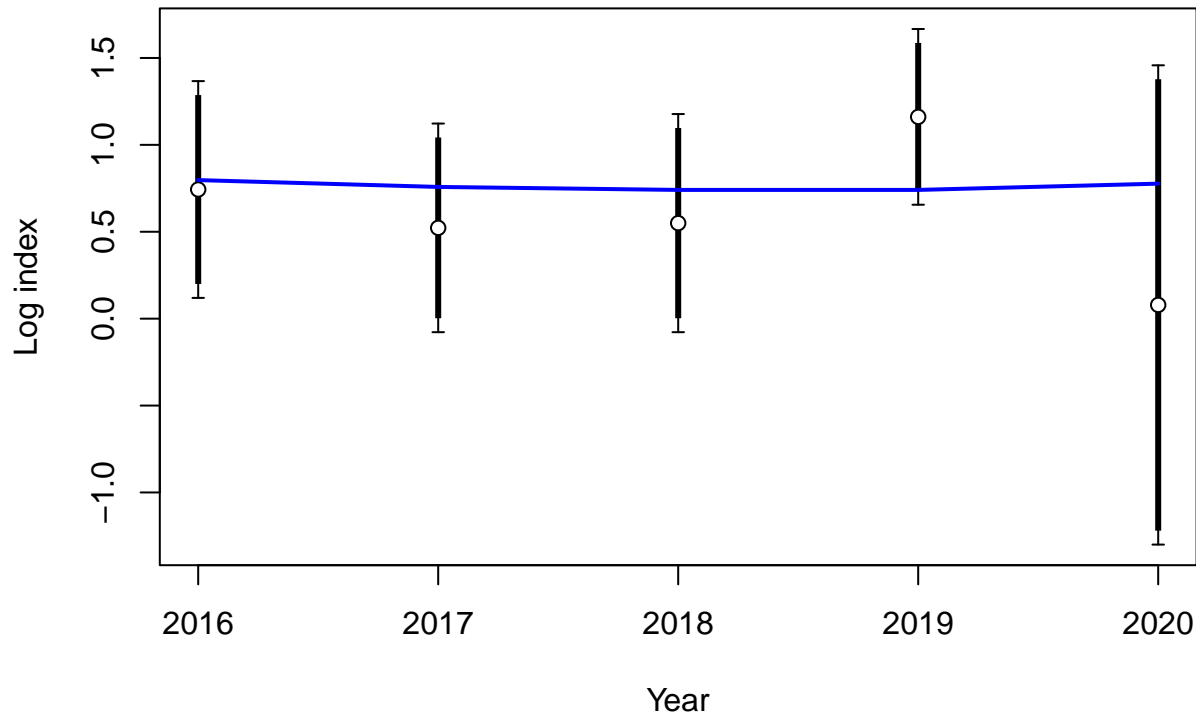
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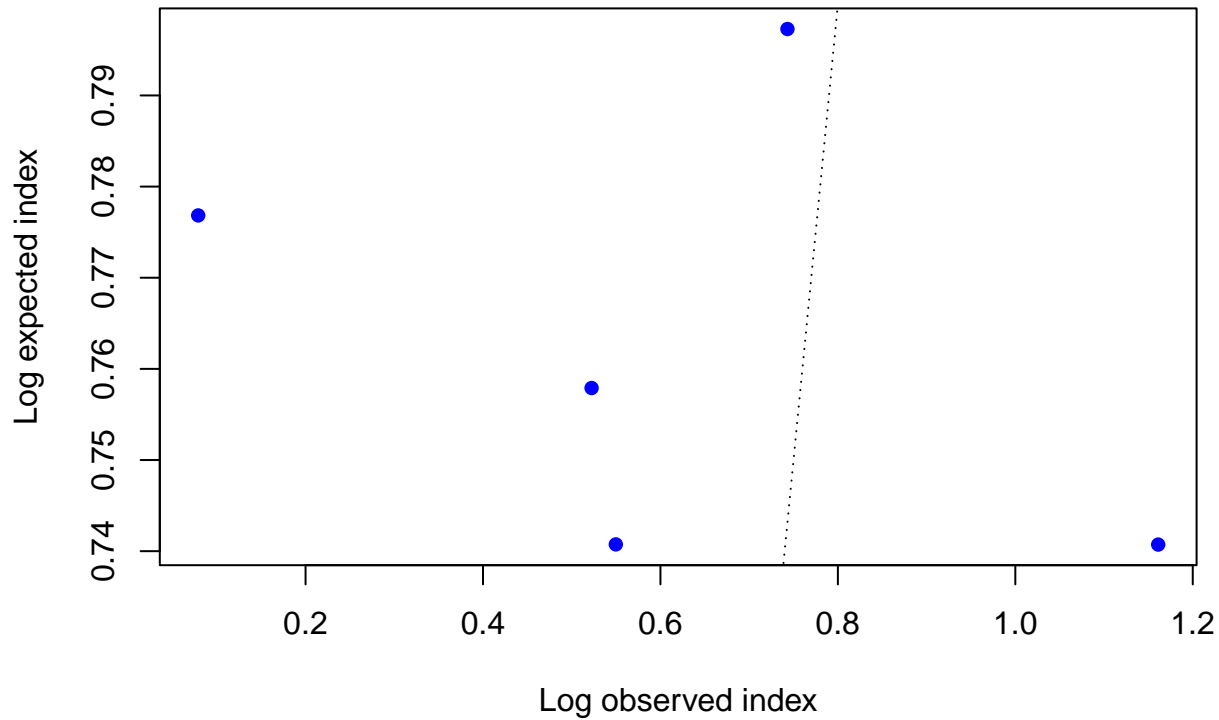


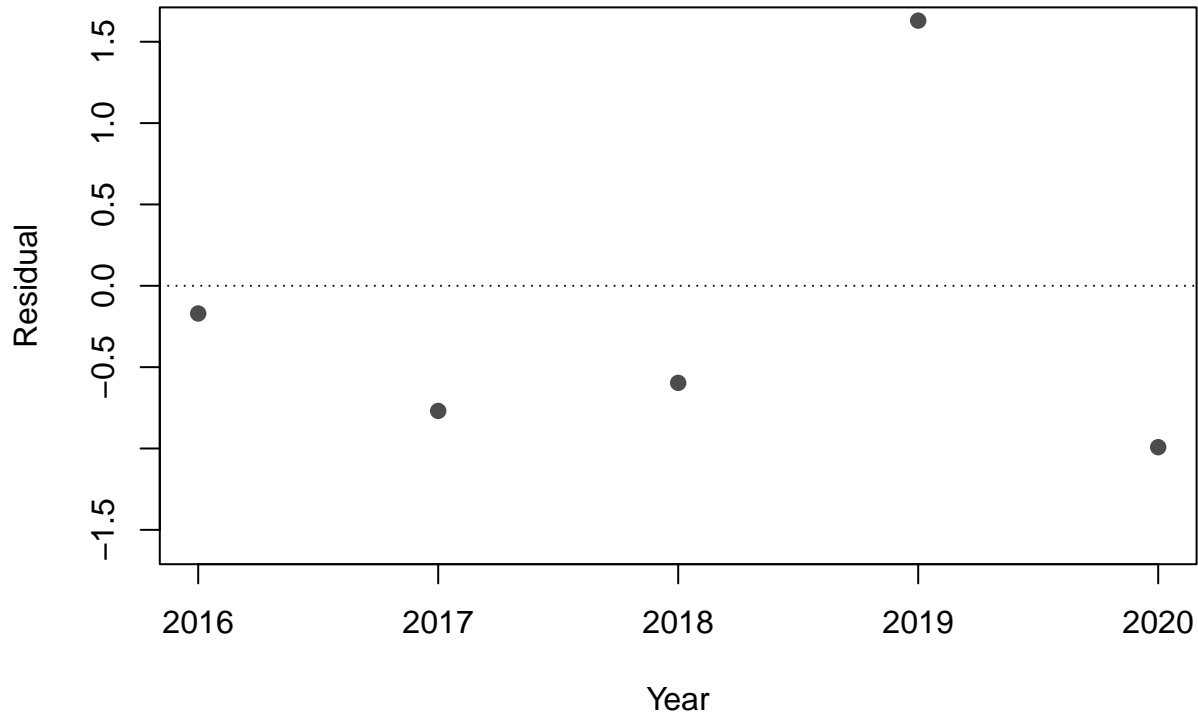


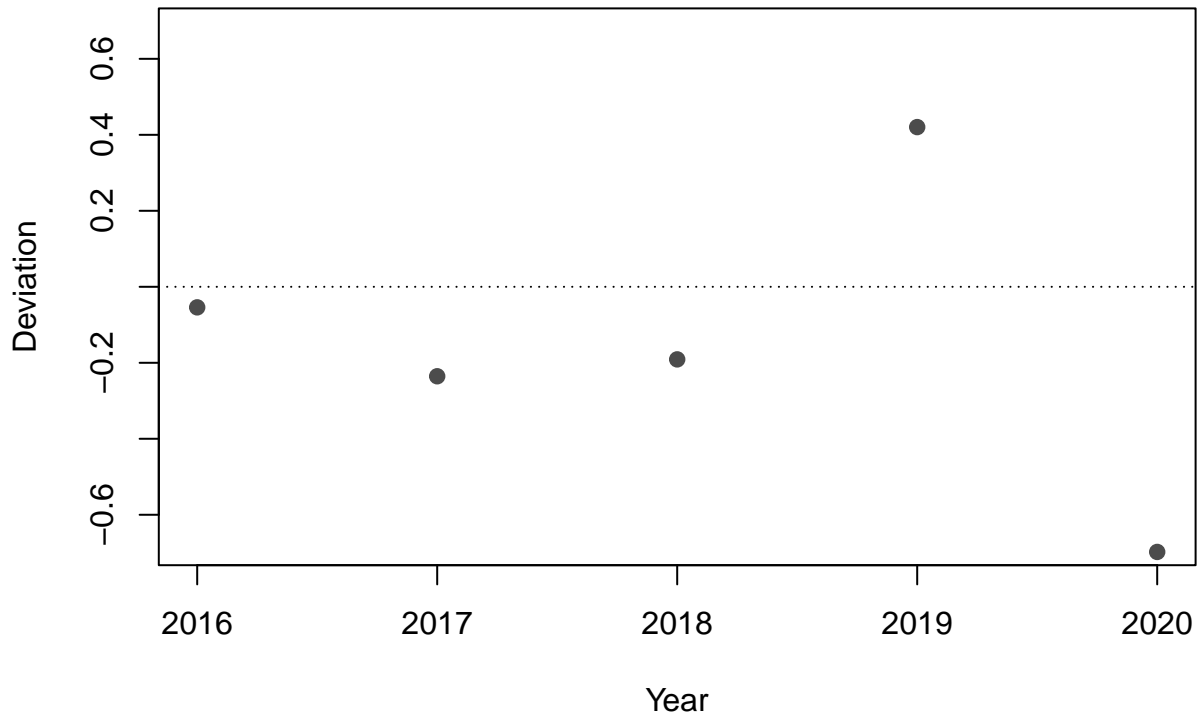


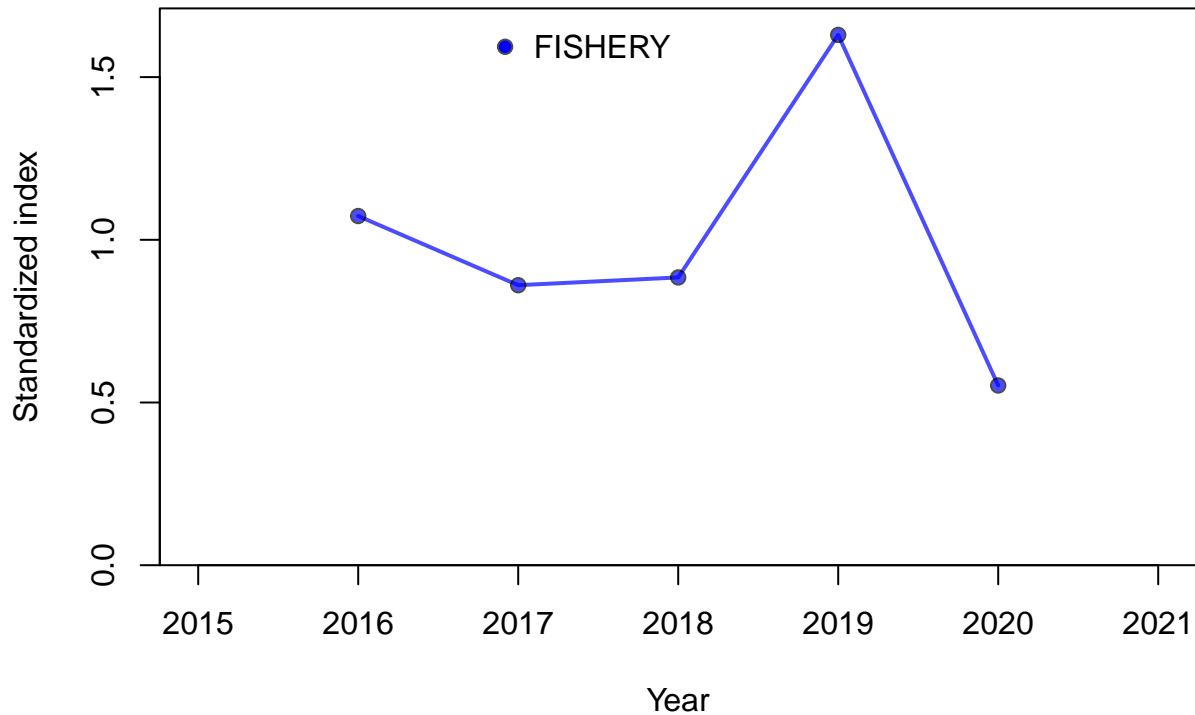


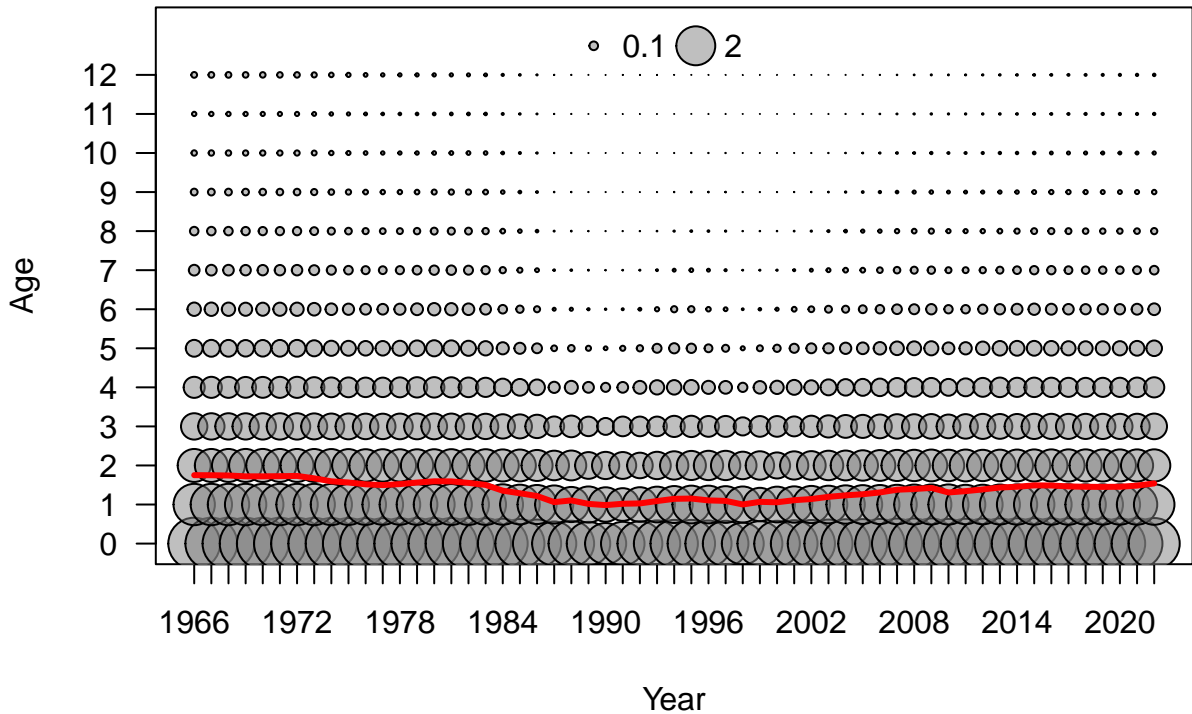


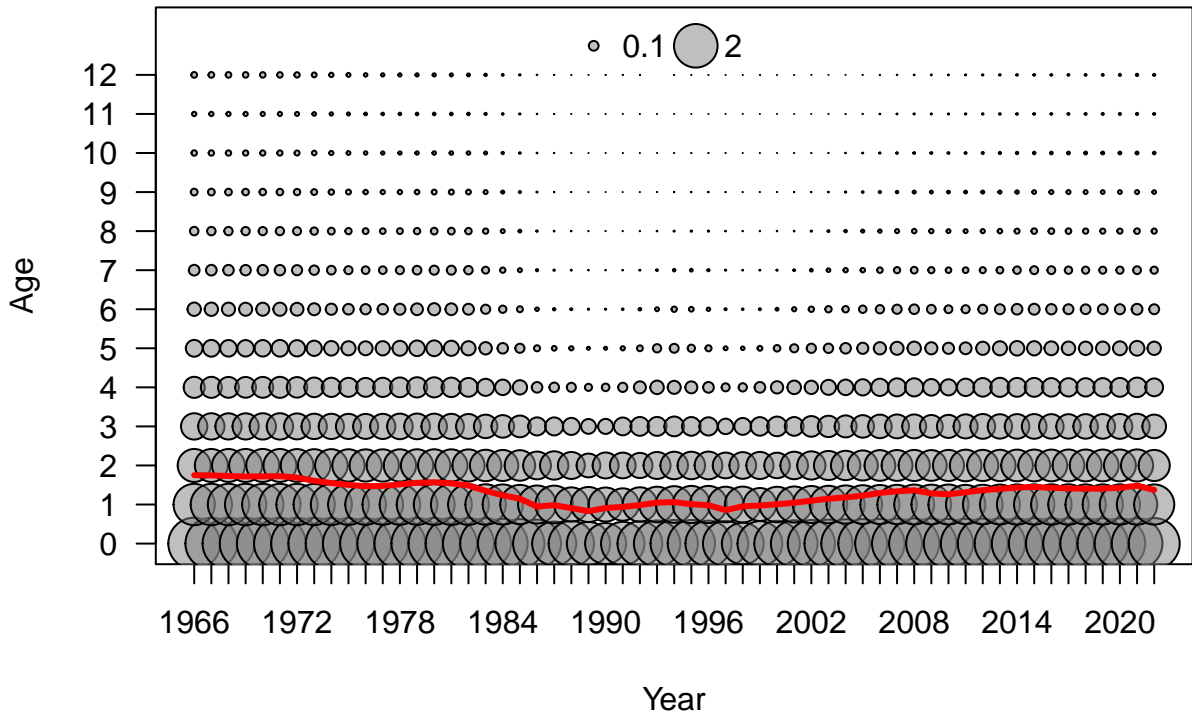


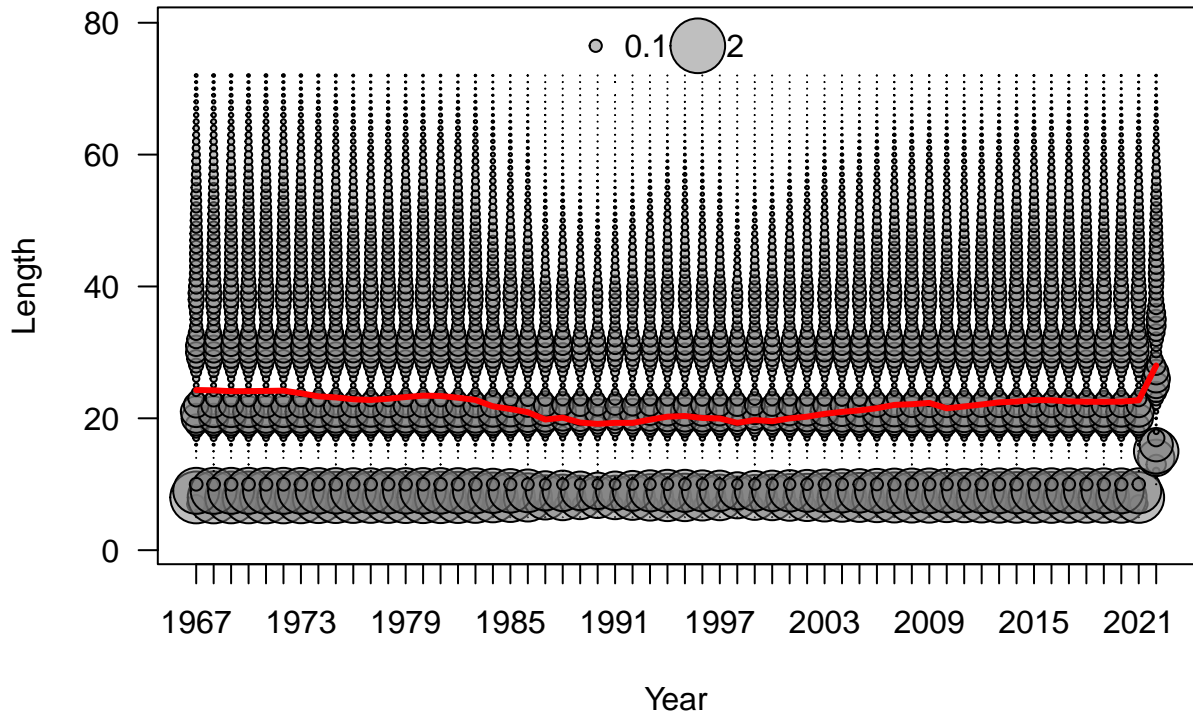


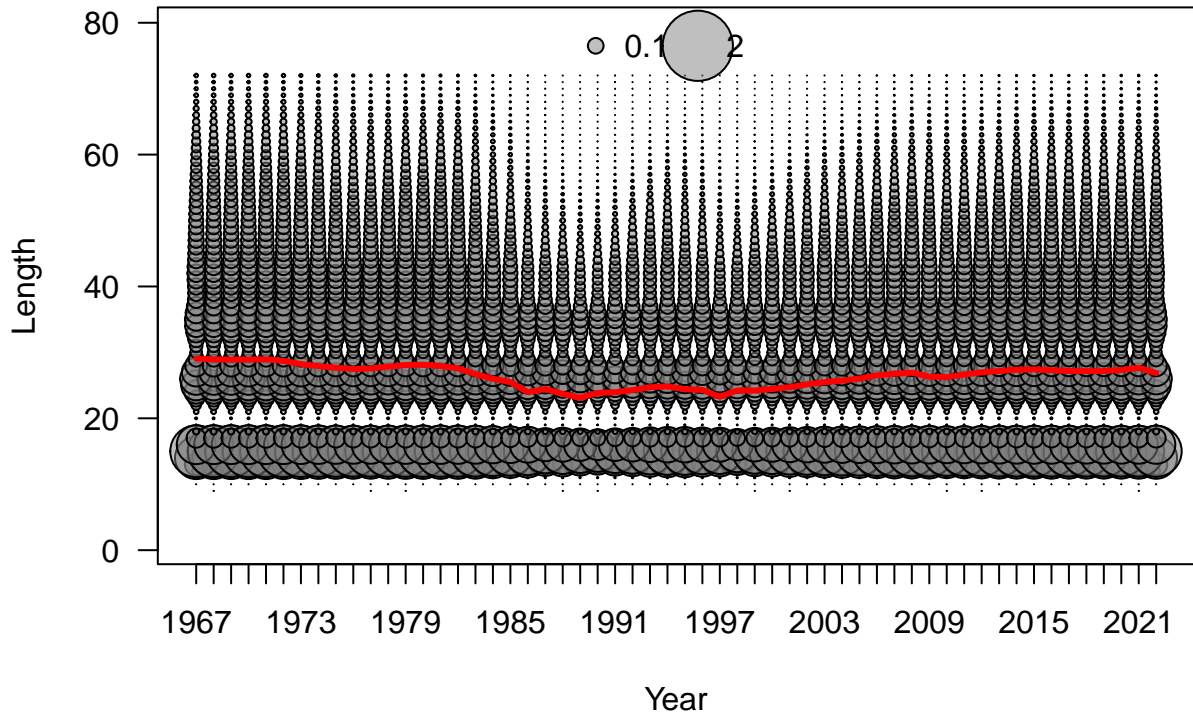


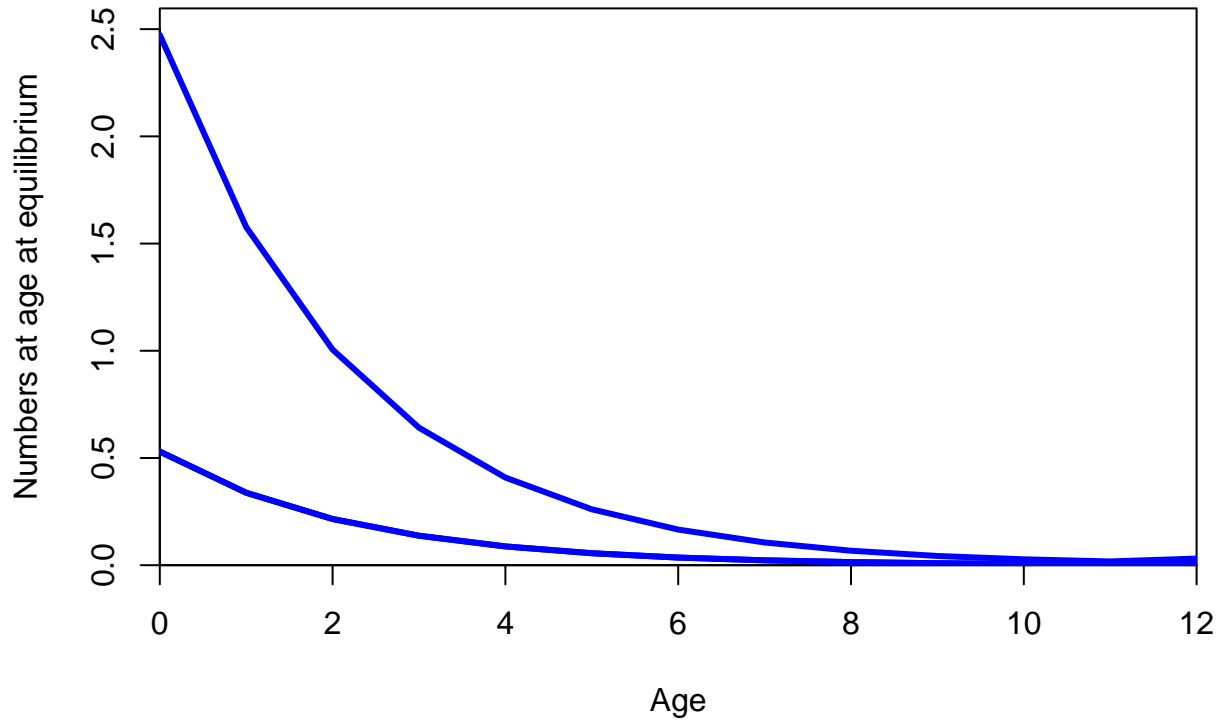


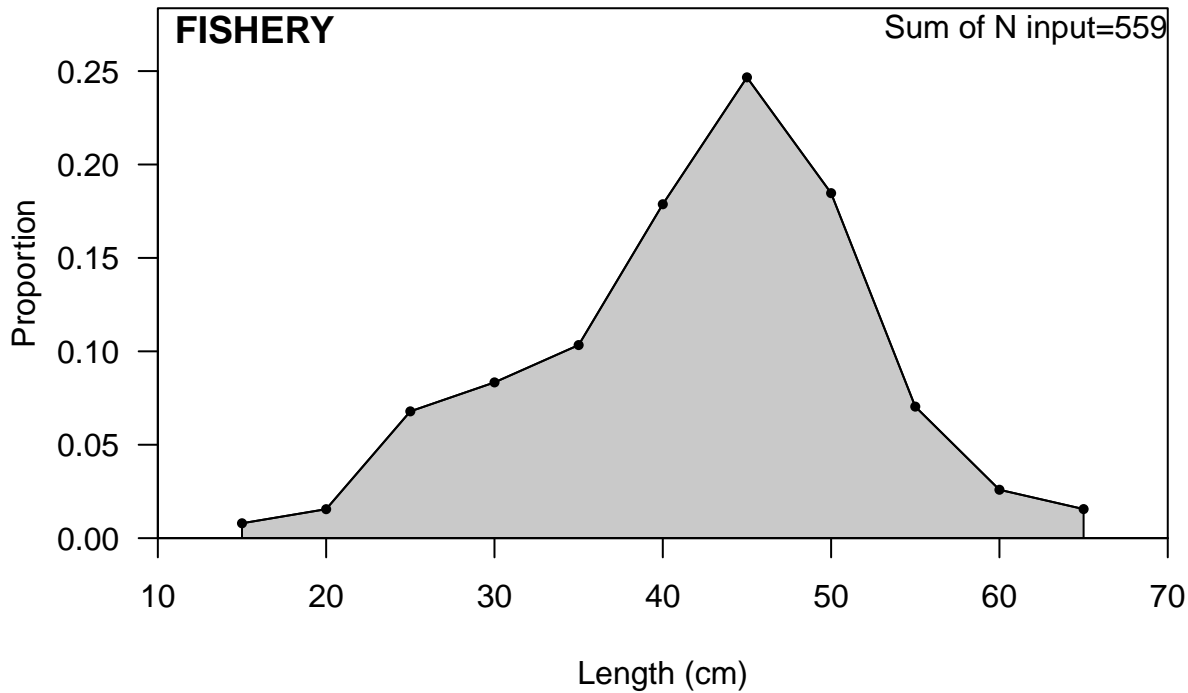






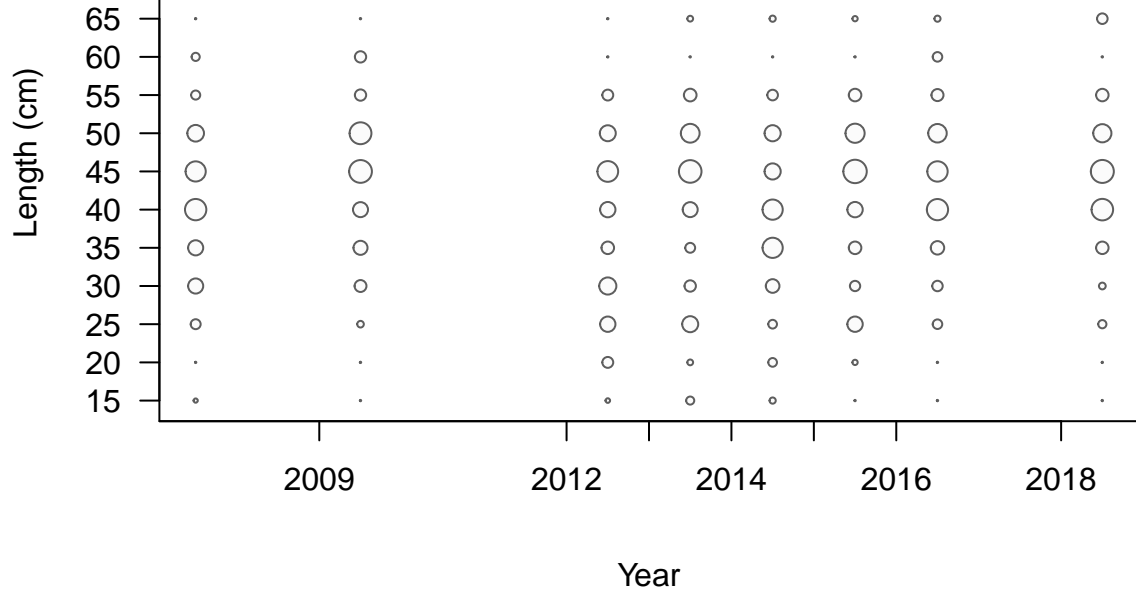




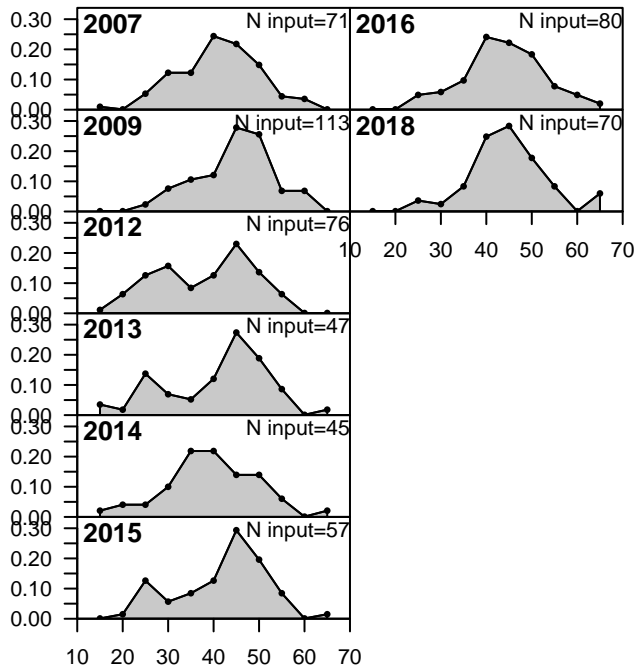


FISHERY

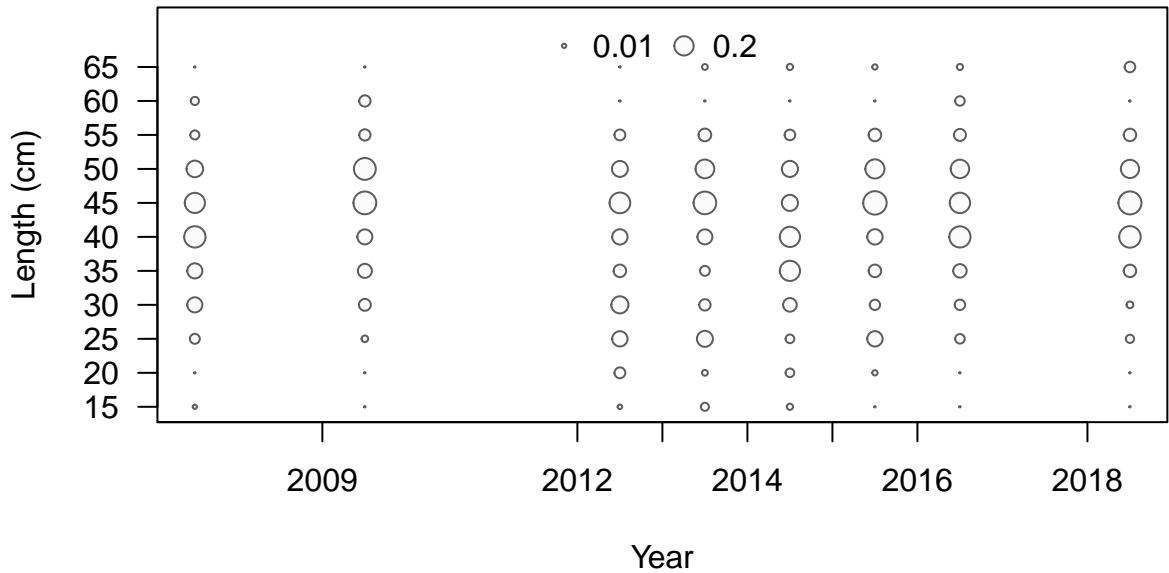
◦ 0.01 ○ 0.2



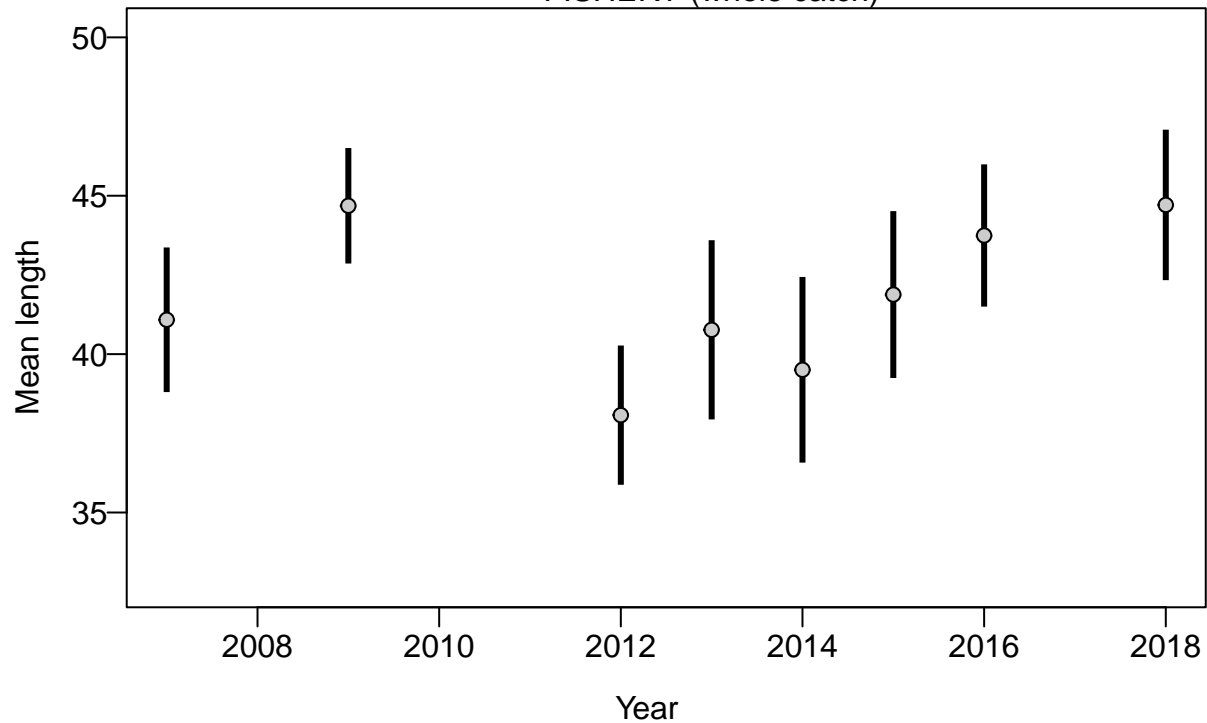
Proportion



Length (cm)

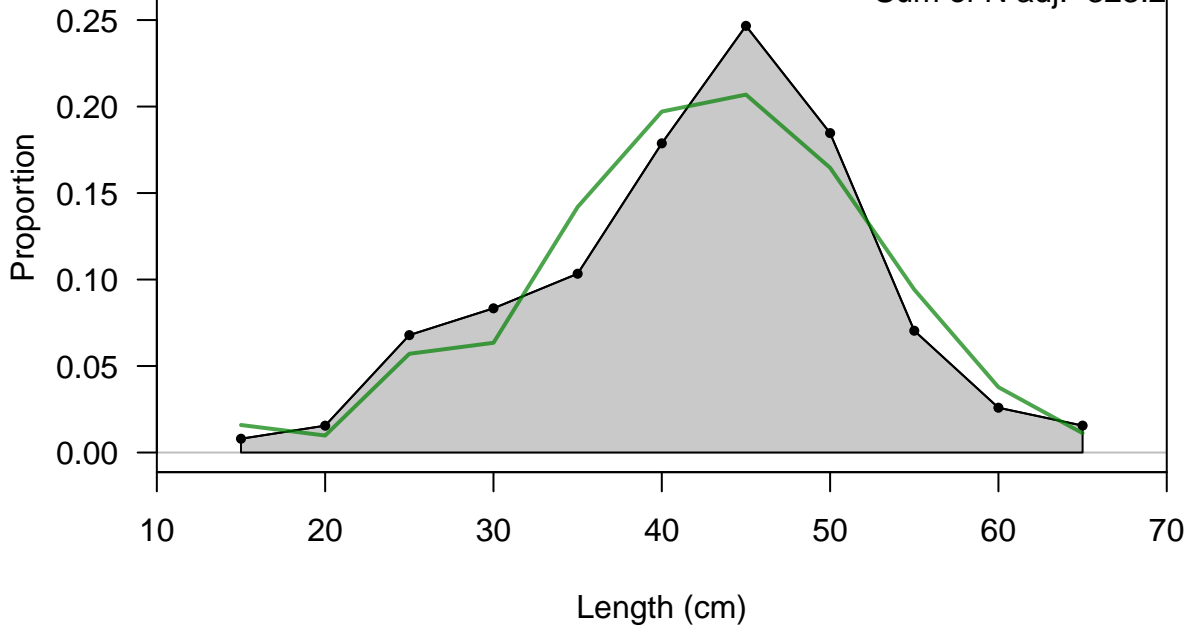


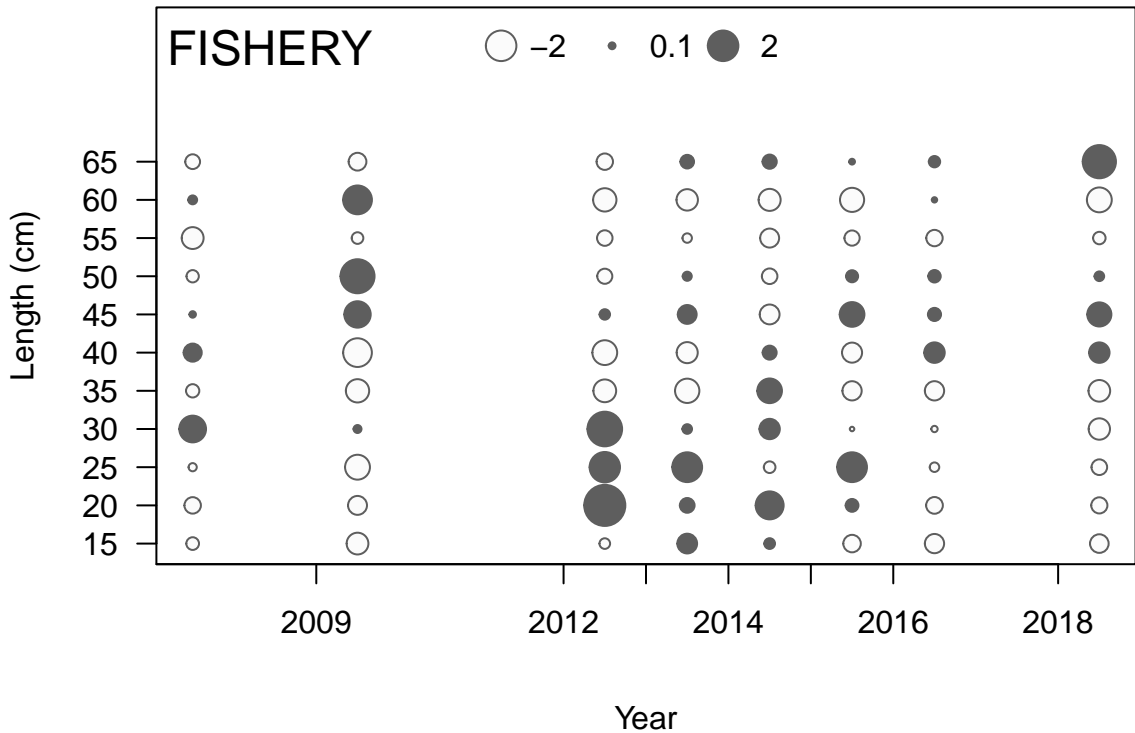
FISHERY (whole catch)



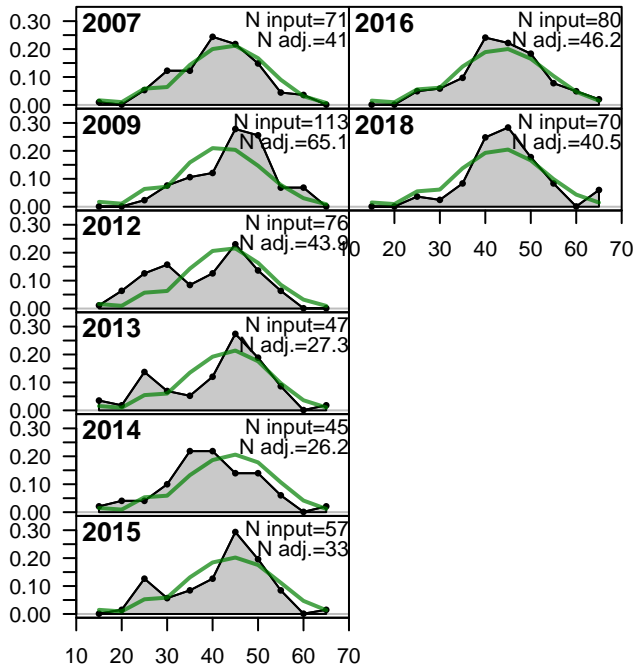
FISHERY

Sum of N input=559
Sum of N adj.=323.2

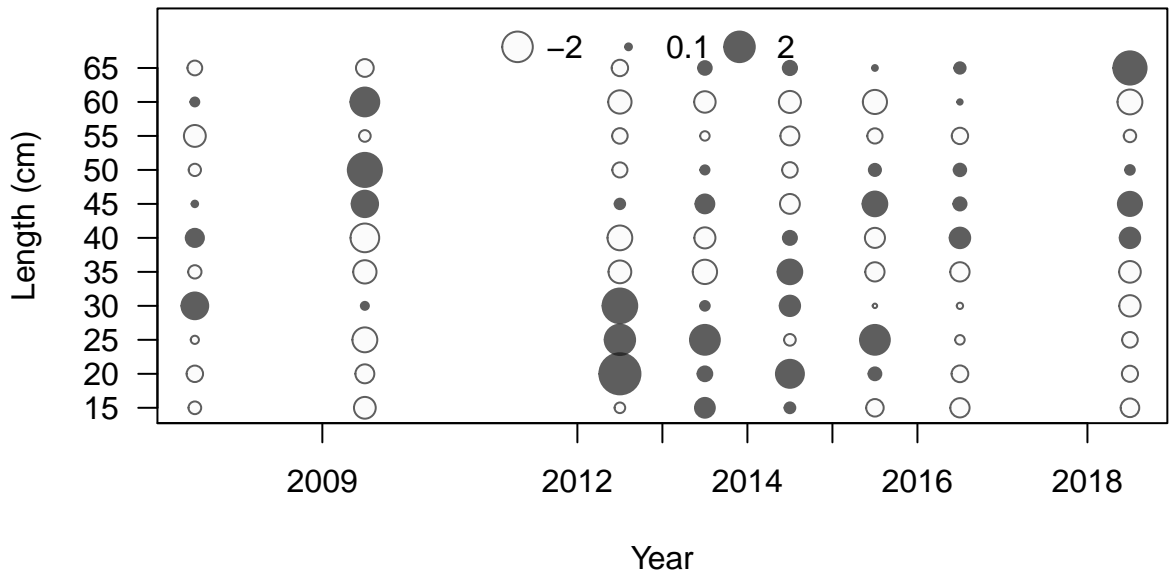




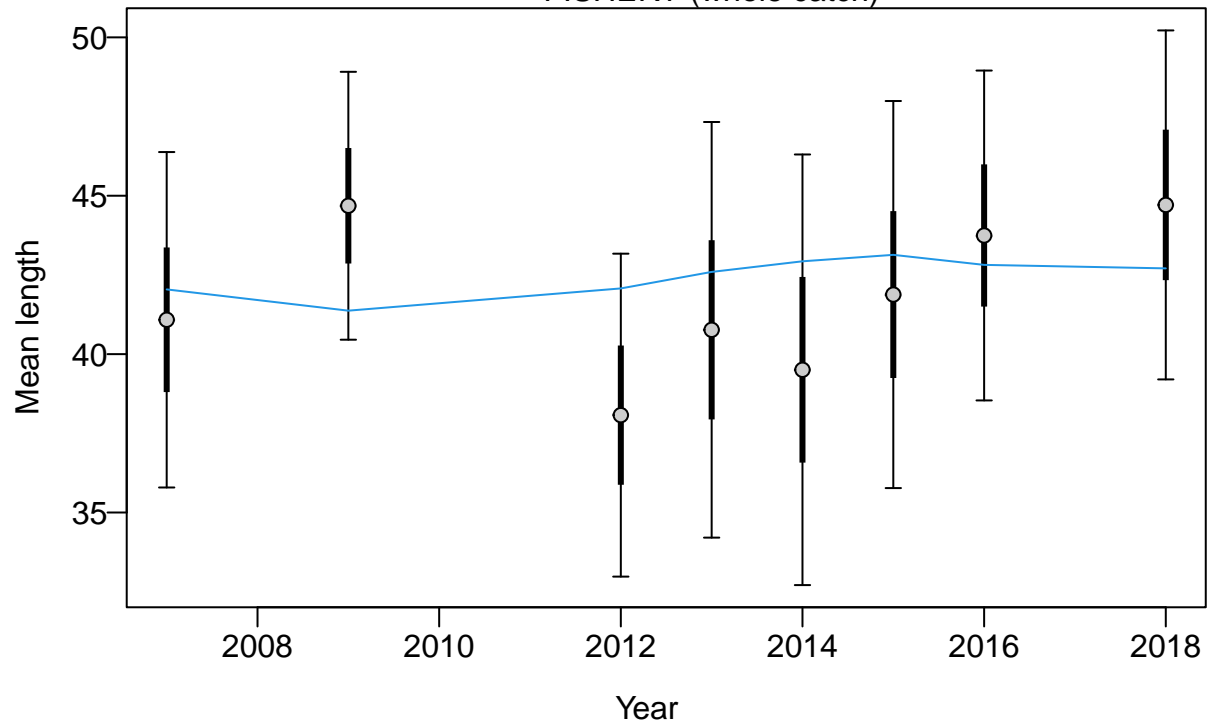
Proportion

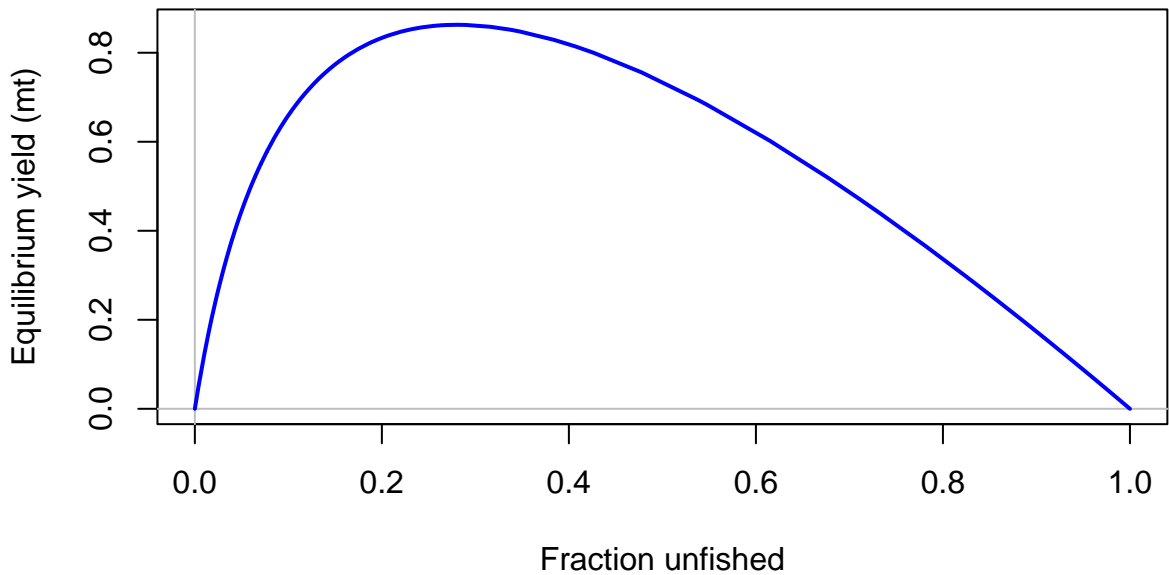


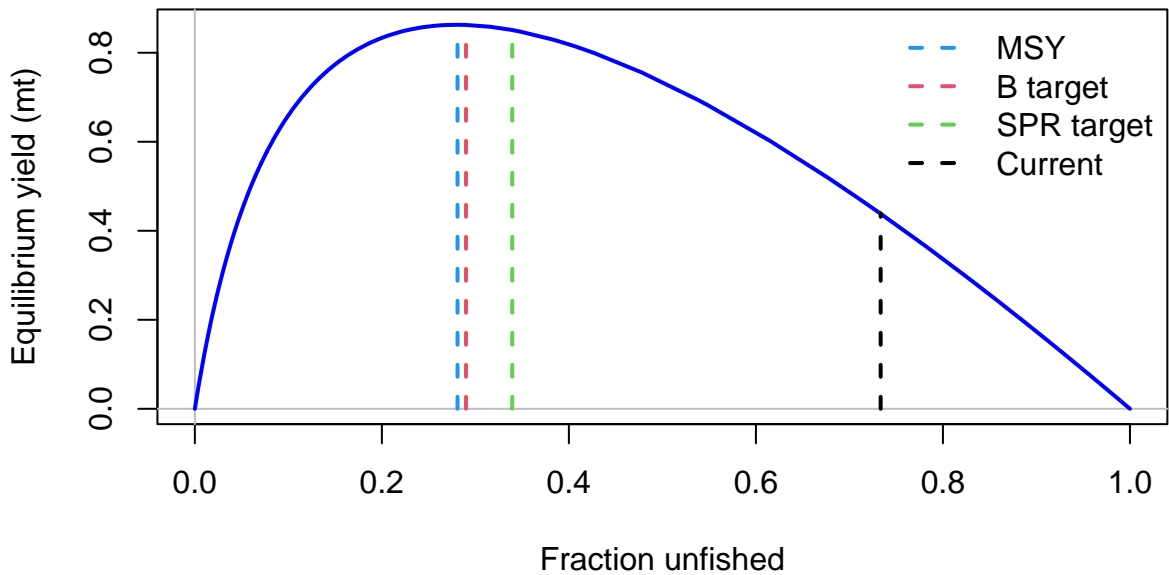
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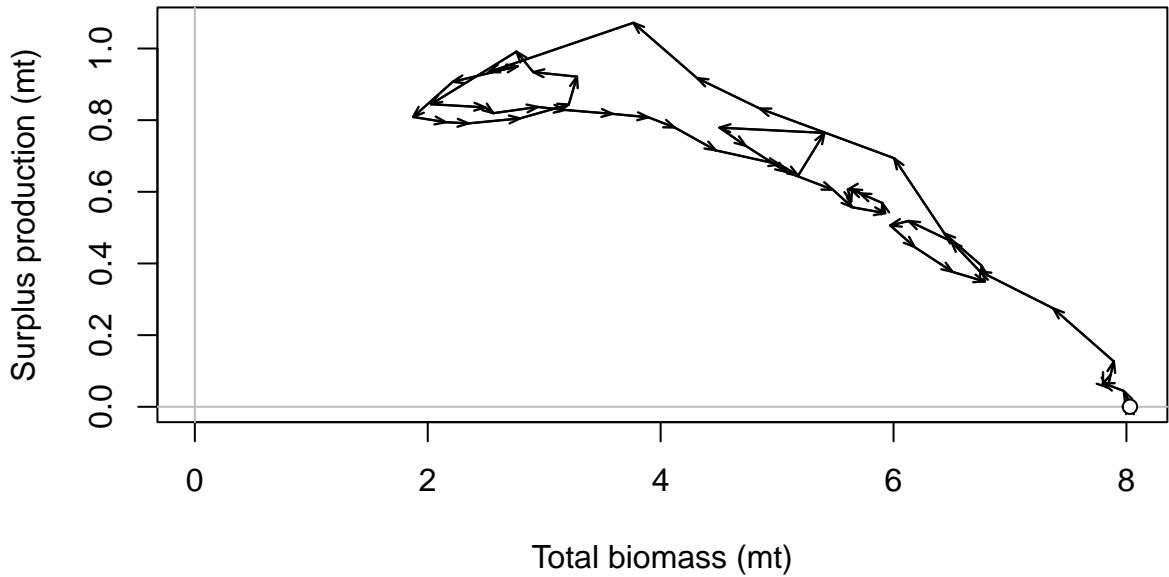


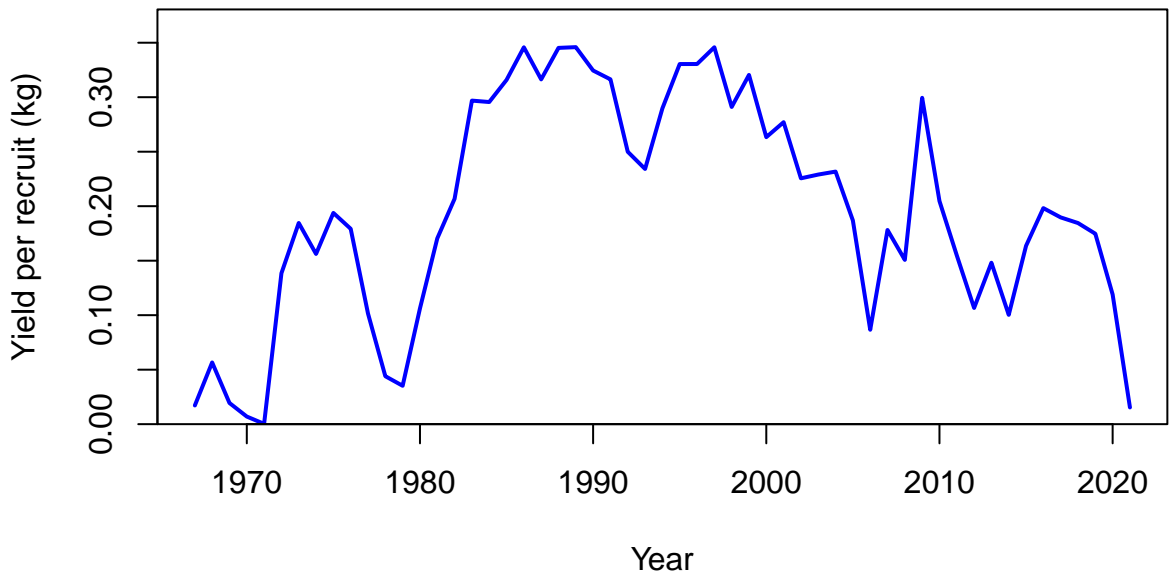
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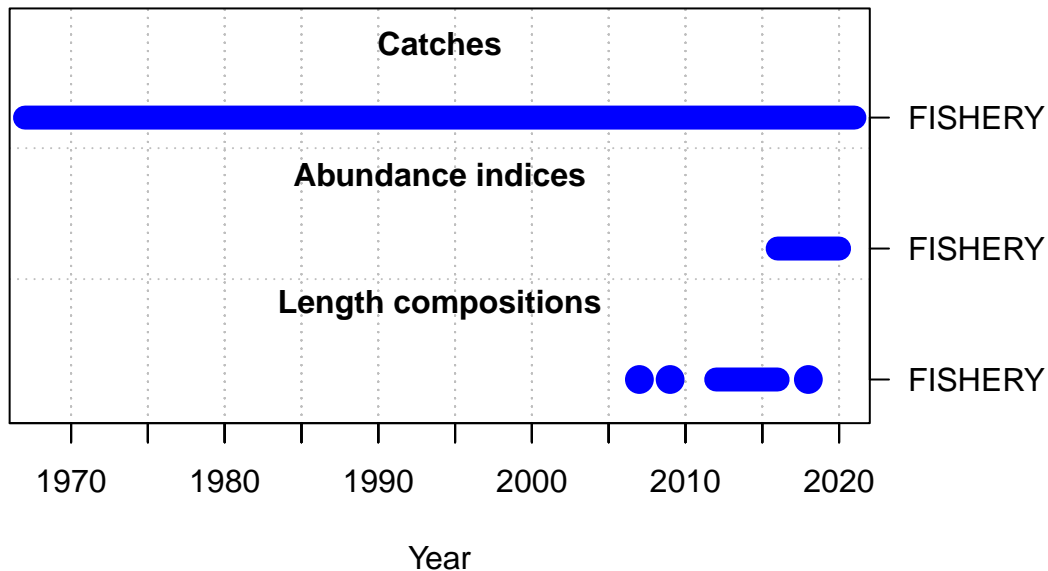


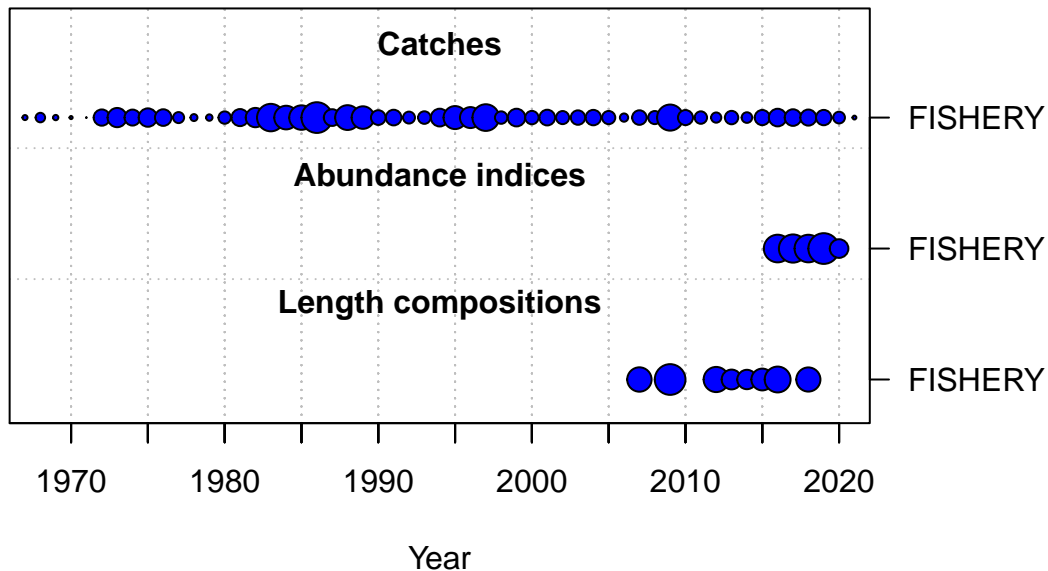




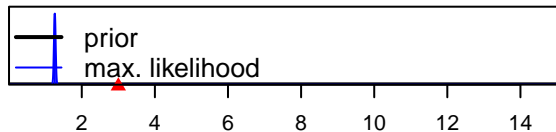




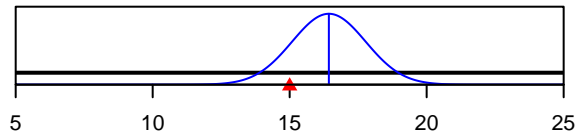




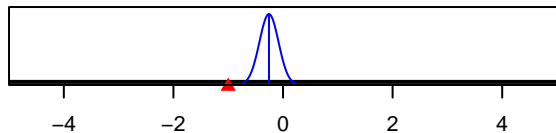
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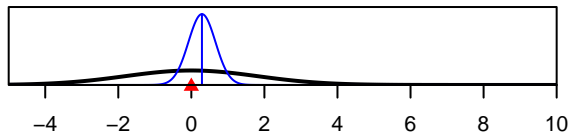
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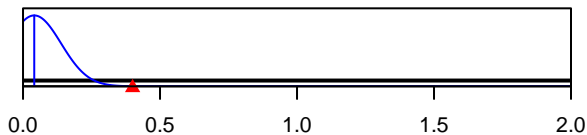
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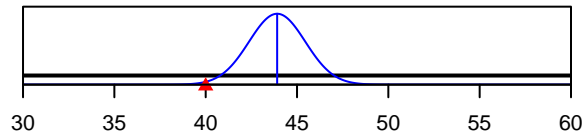
ln(DM_theta)_1



Q_extraSD_FISHERY(1)



Size_inflection_FISHERY(1)



Parameter value