

Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Sun Oct 16 13:13:32 2022  
Data\_File: data.ss  
Control\_File: control.ss

Length (cm, beginning of the year)



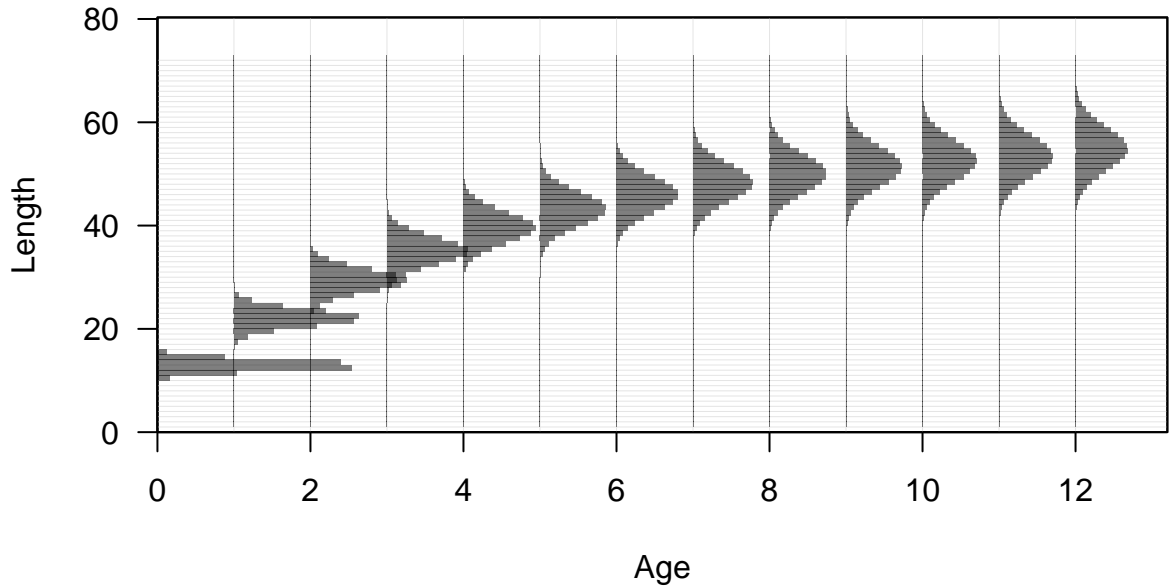










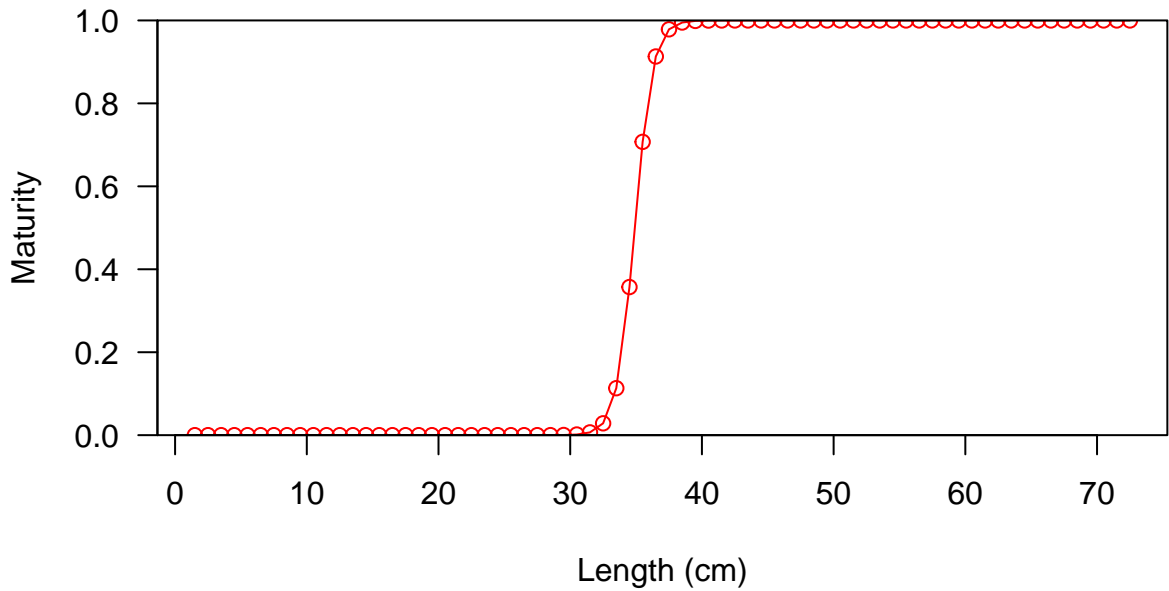






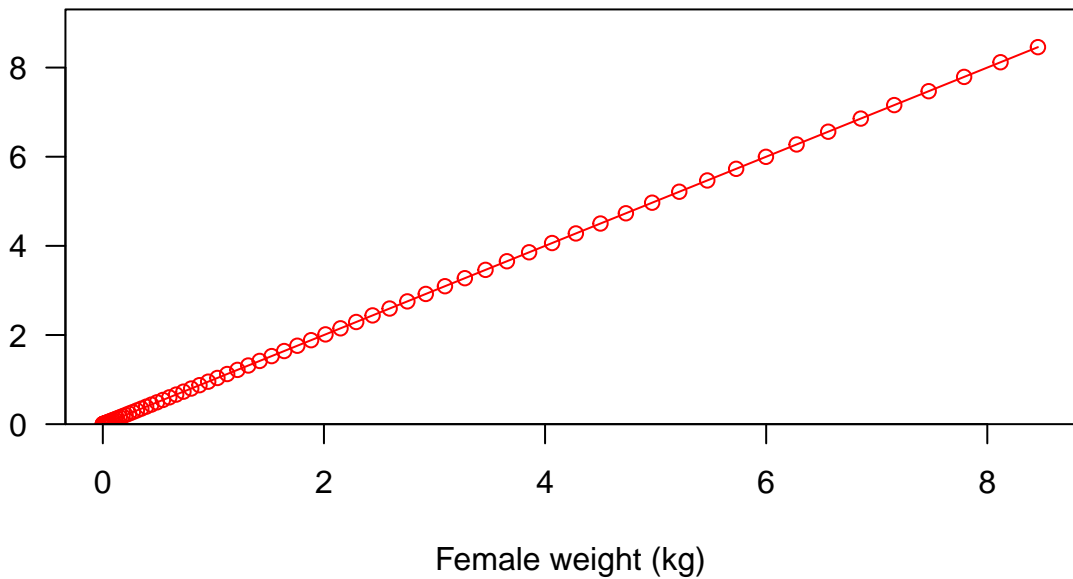








Fecundity



Fecundity

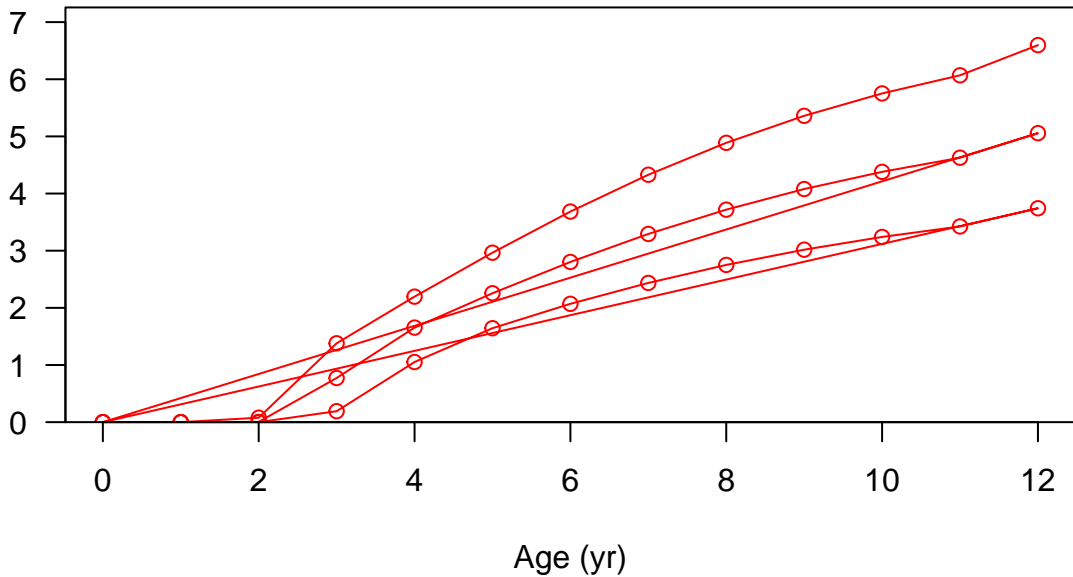


Spawning output

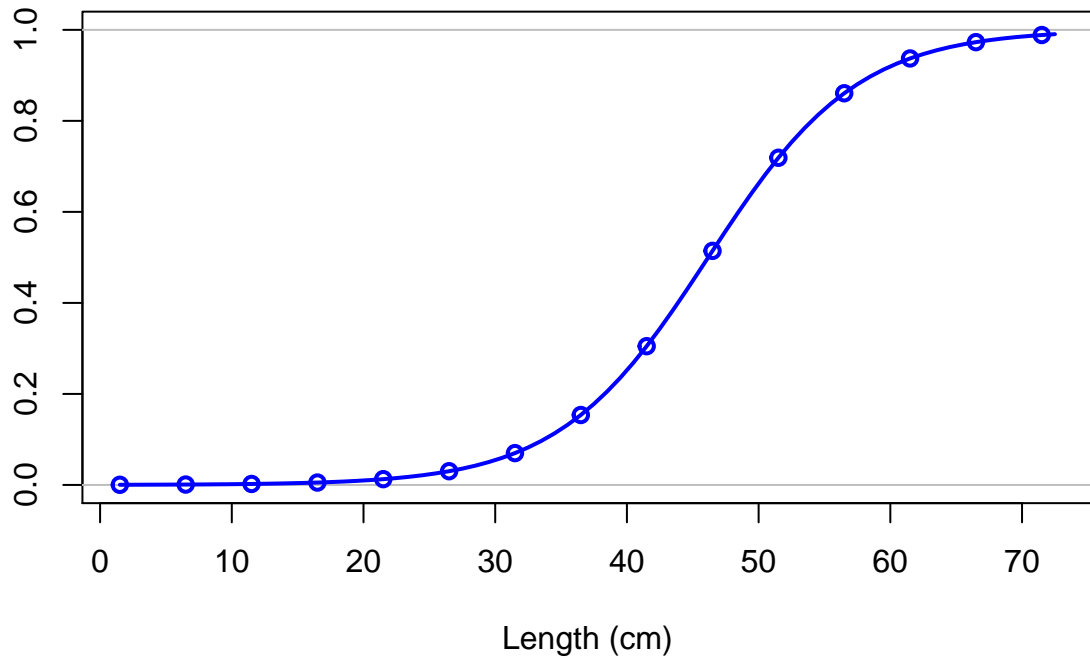




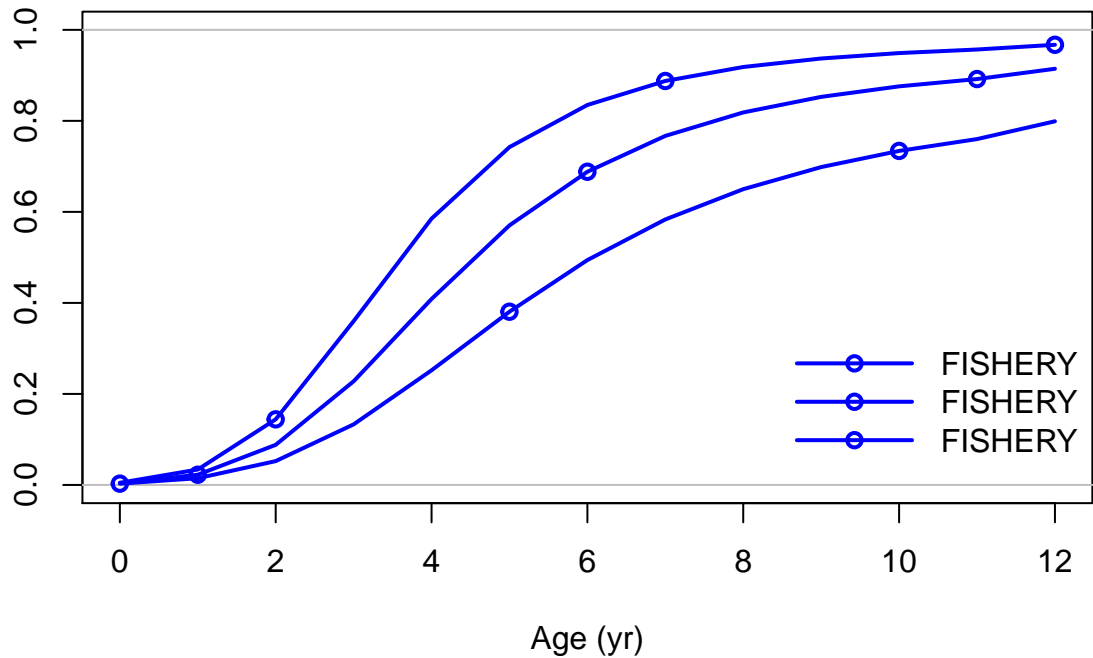
Spawning output



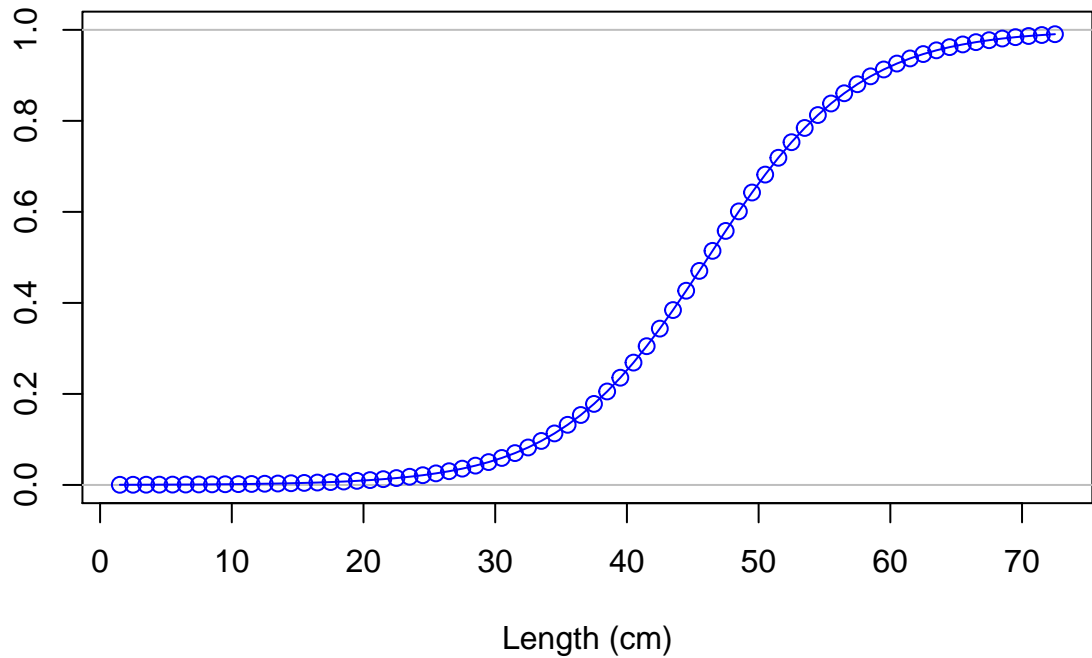
Selectivity

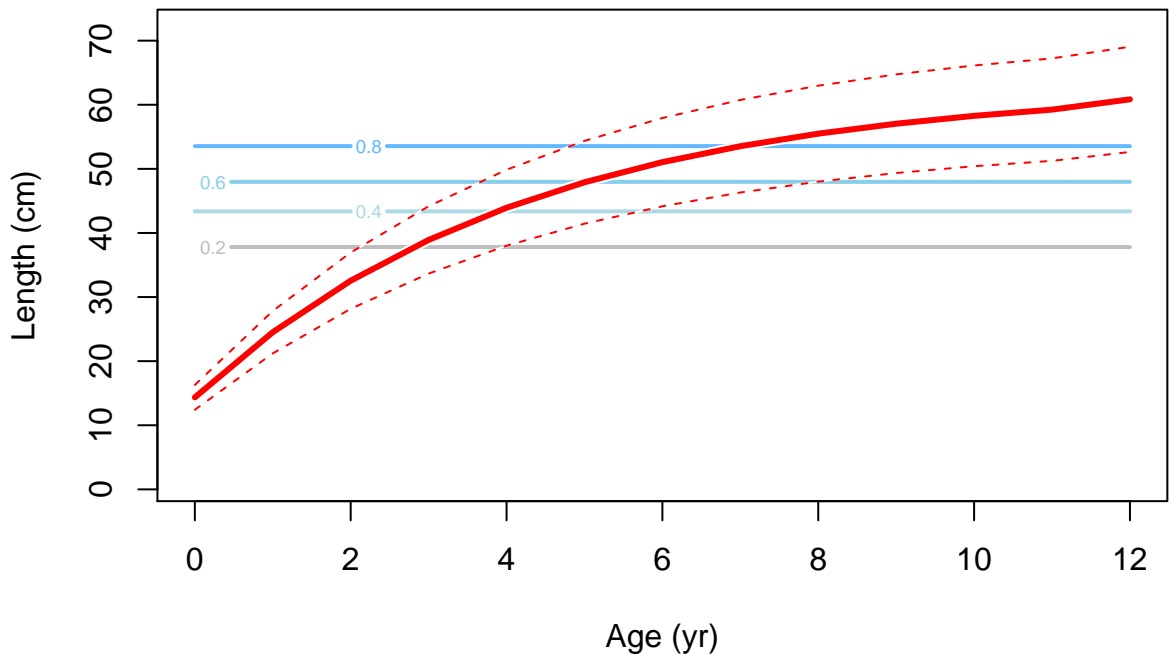


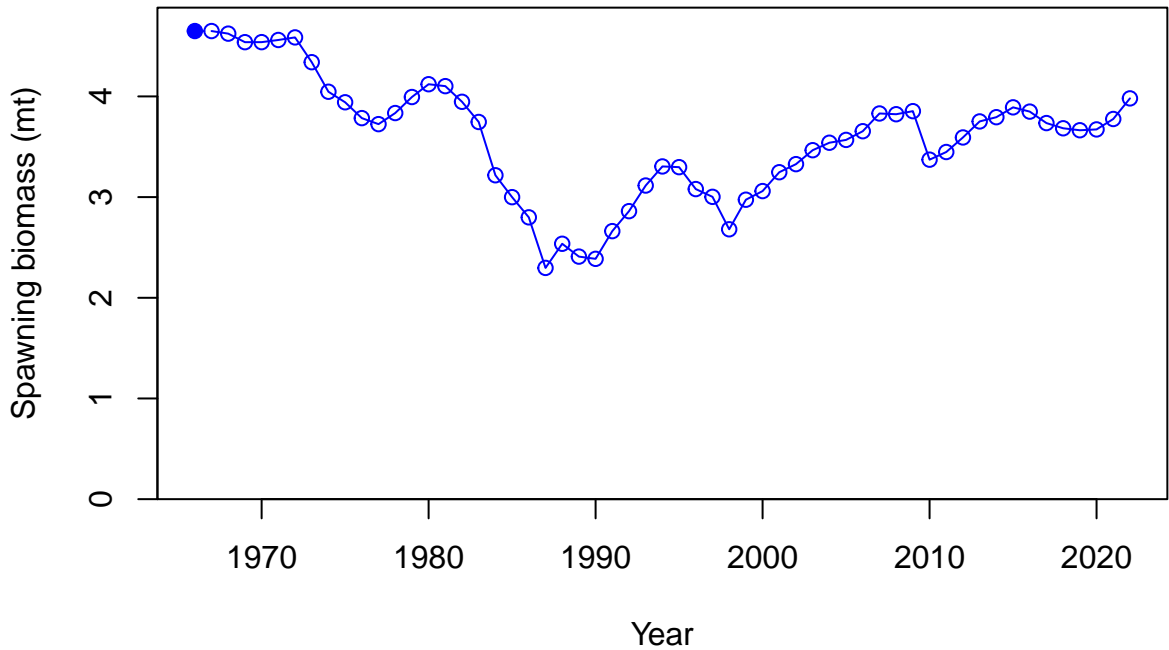
Selectivity

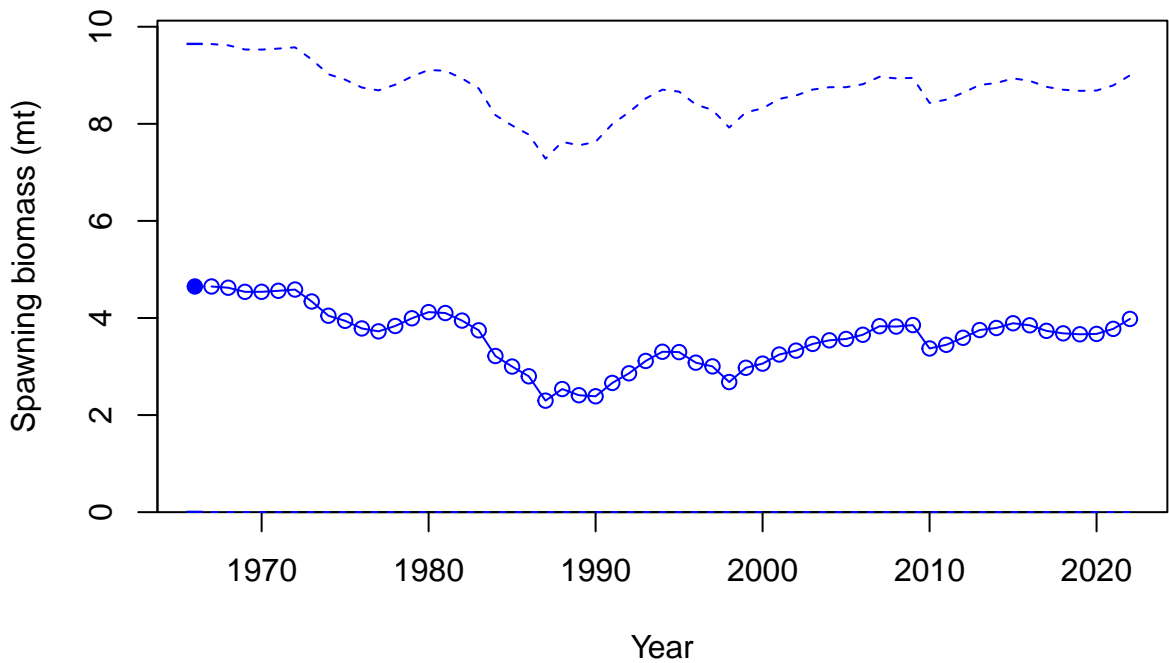


Selectivity

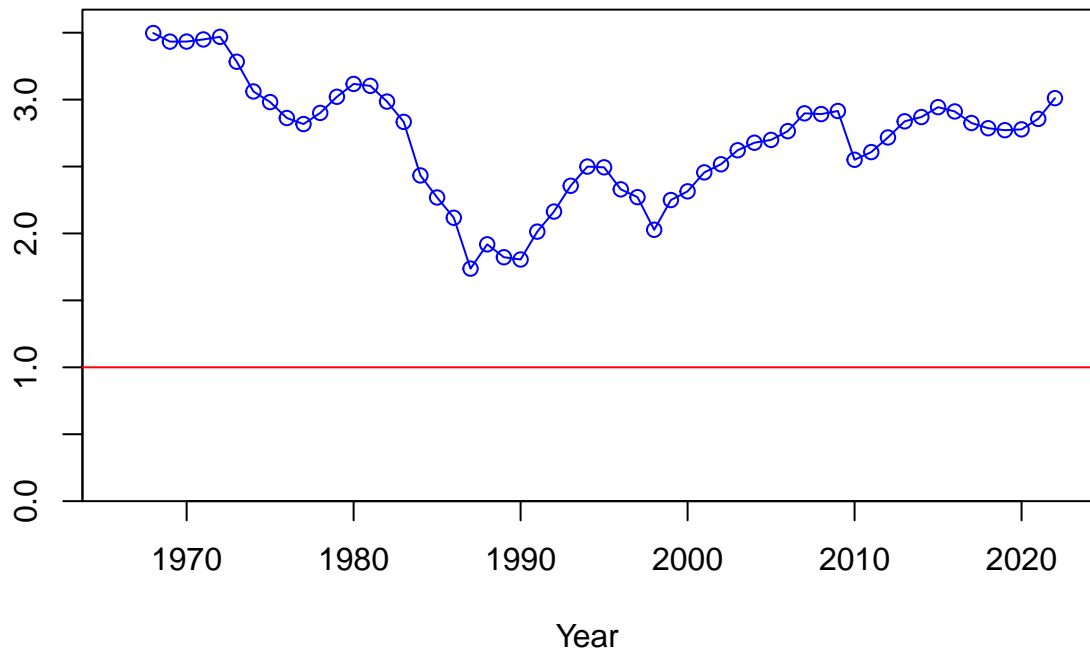






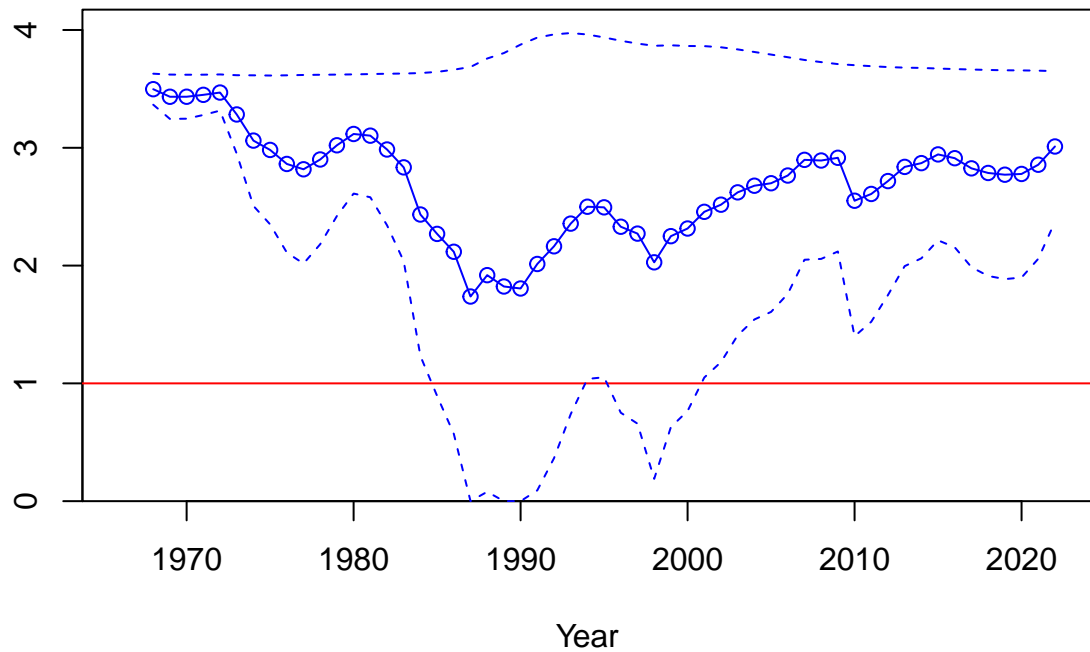


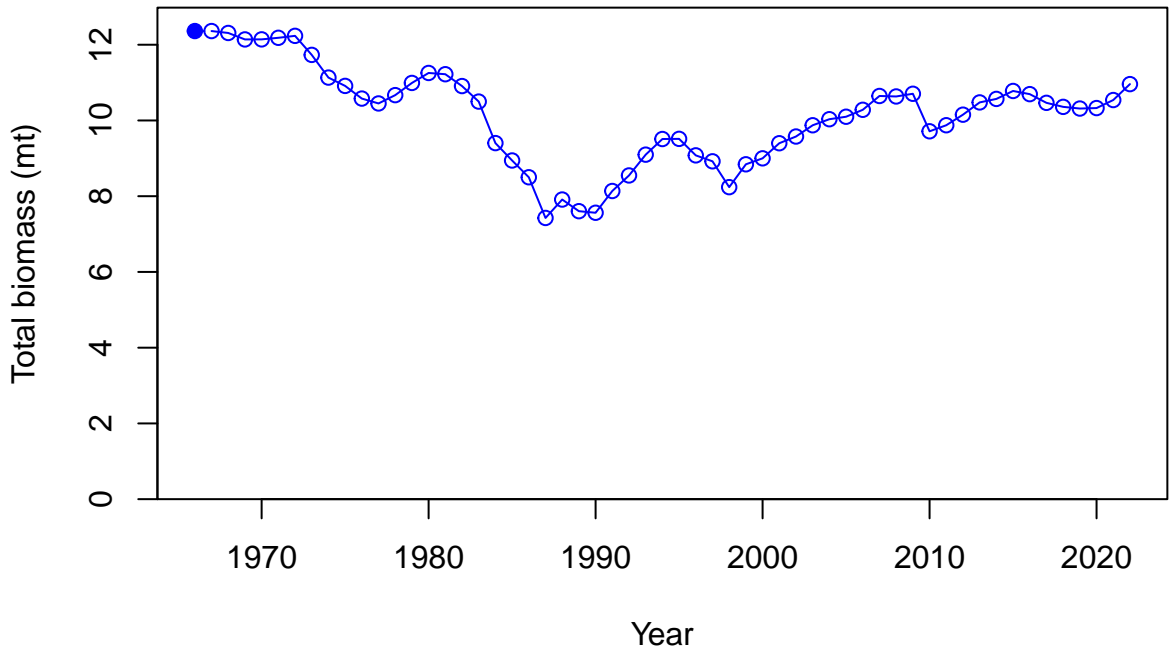
Relative spawning biomass:  $B/B_{MSY}$

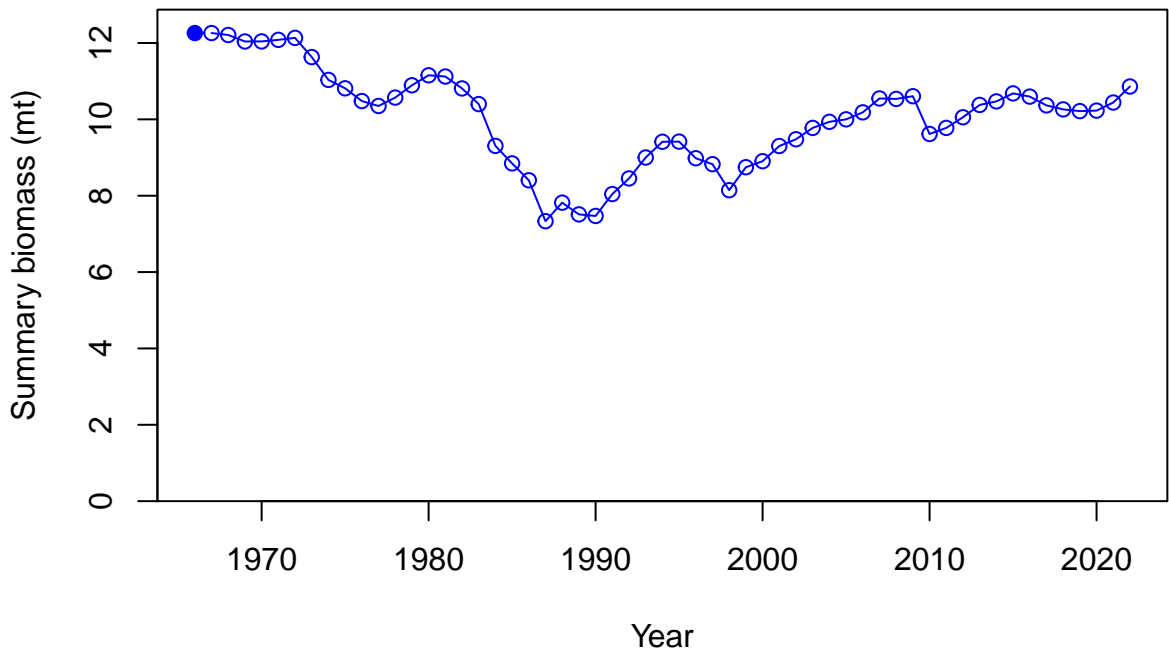




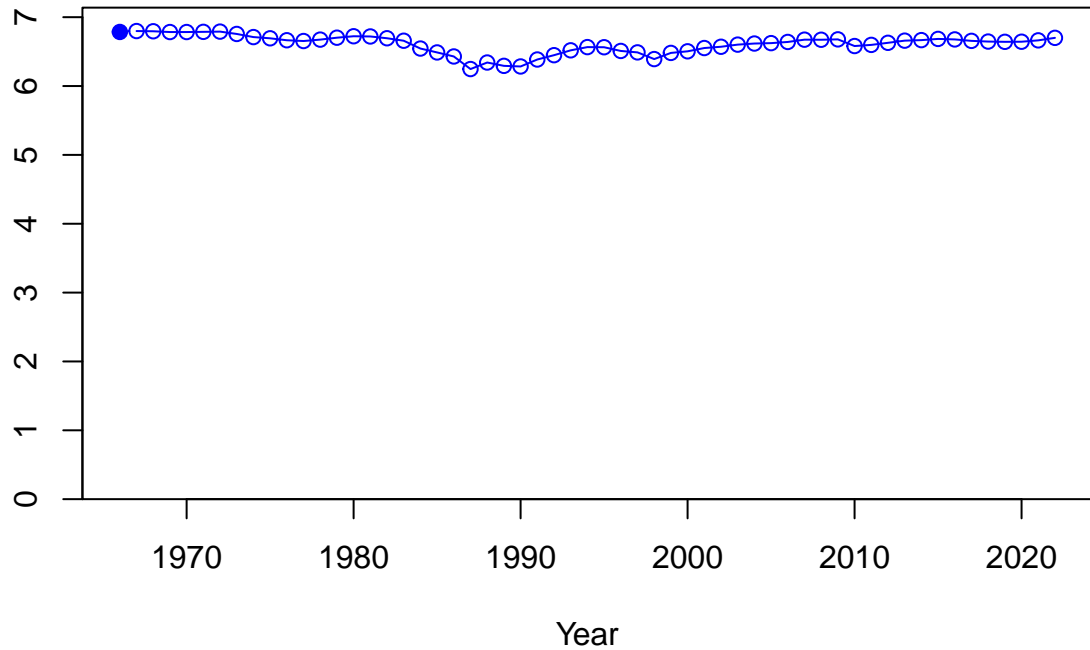
Relative spawning biomass:  $B/B_{MSY}$

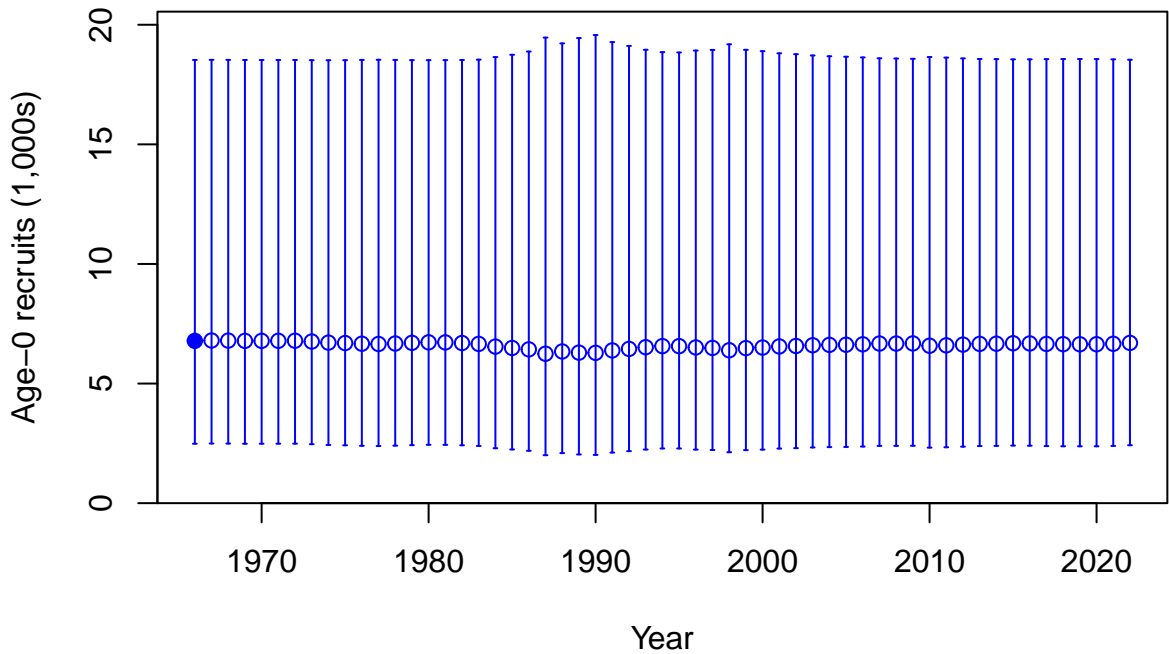




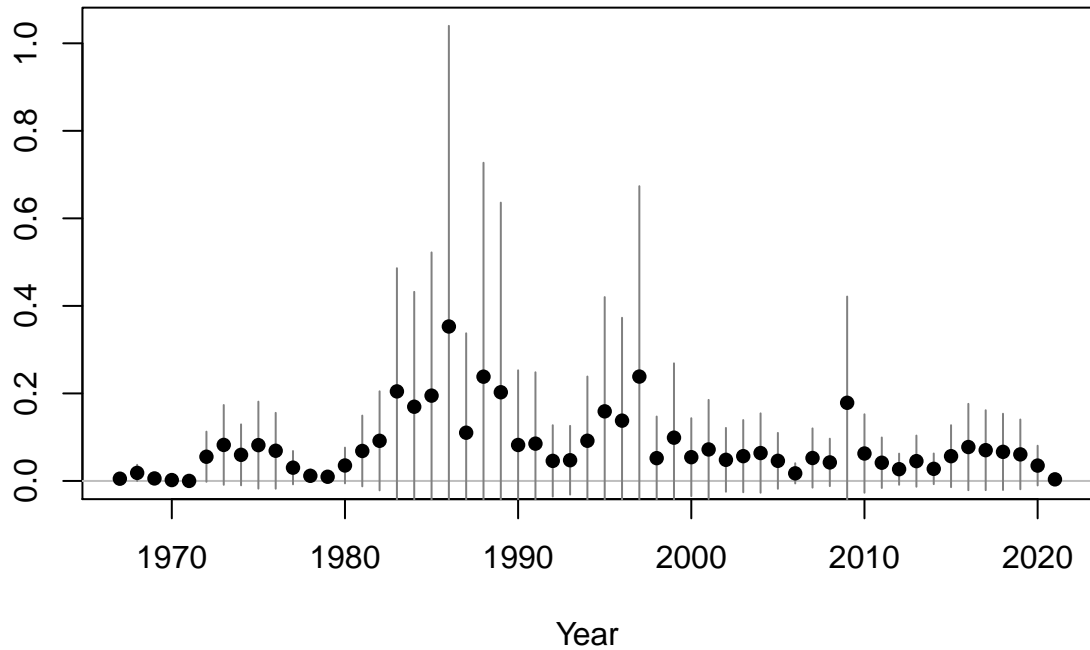


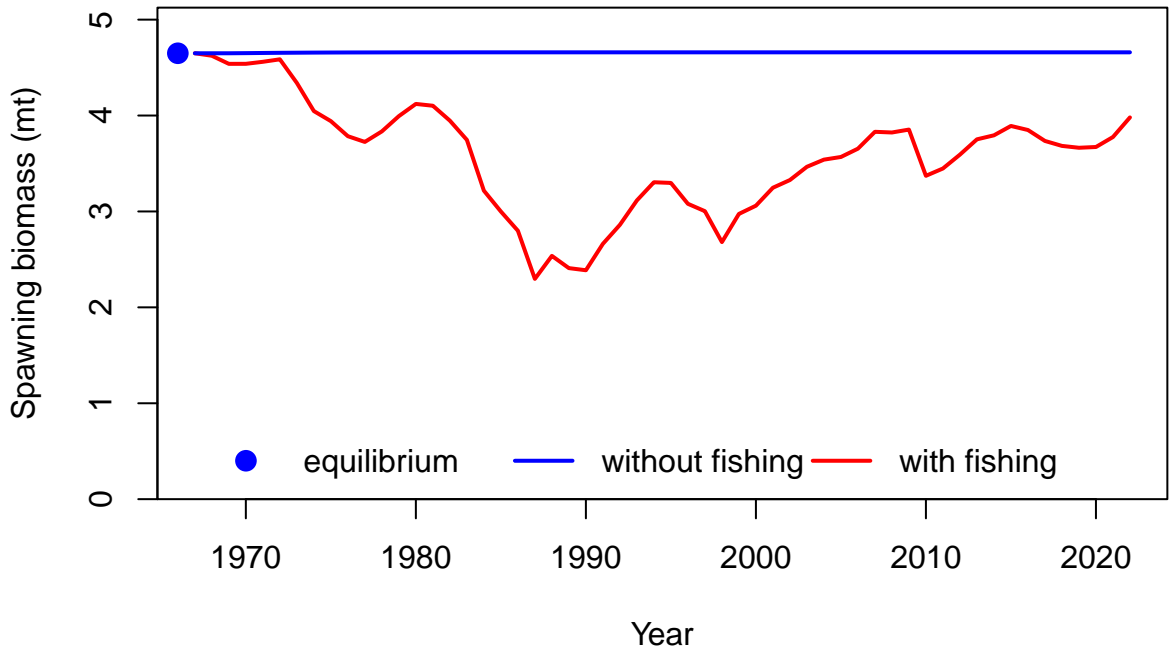
Age-0 recruits (1,000s)

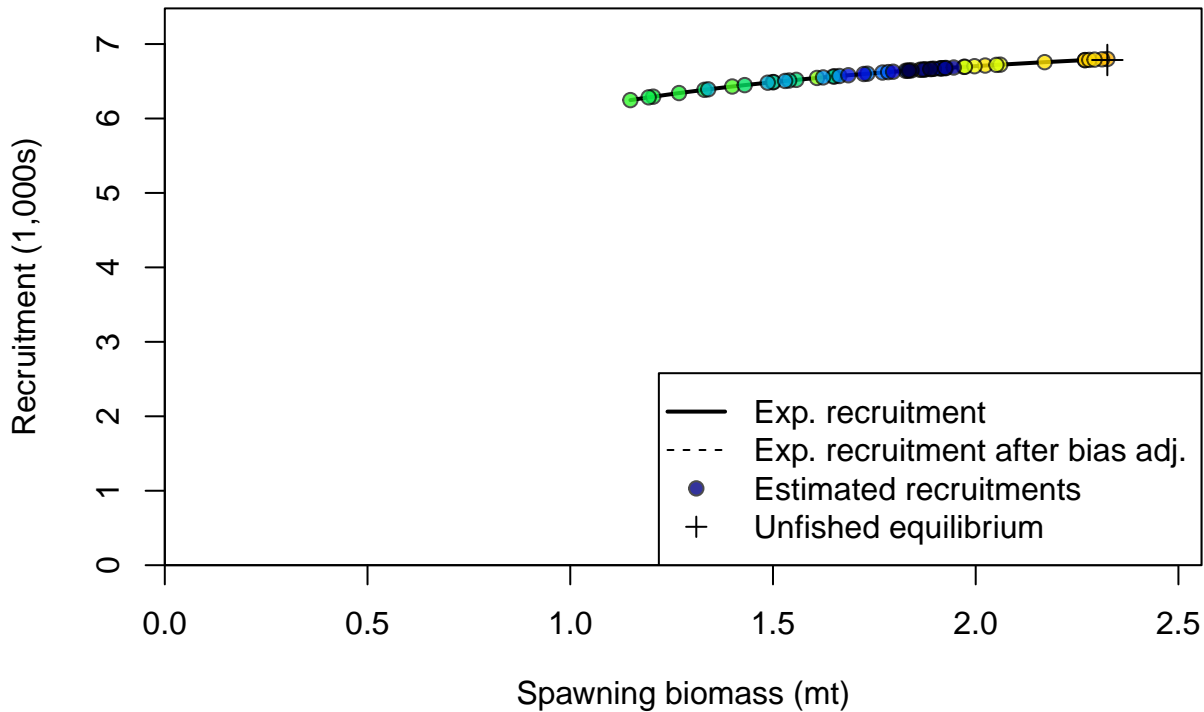




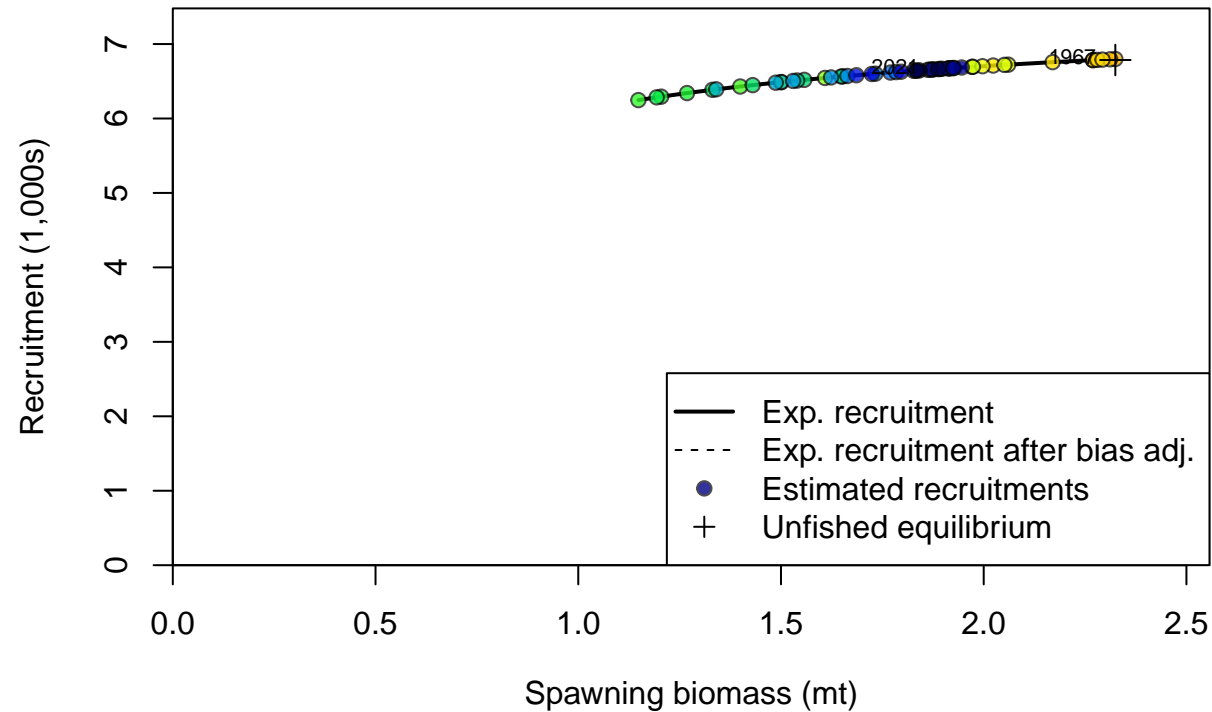
Summary Fishing Mortality

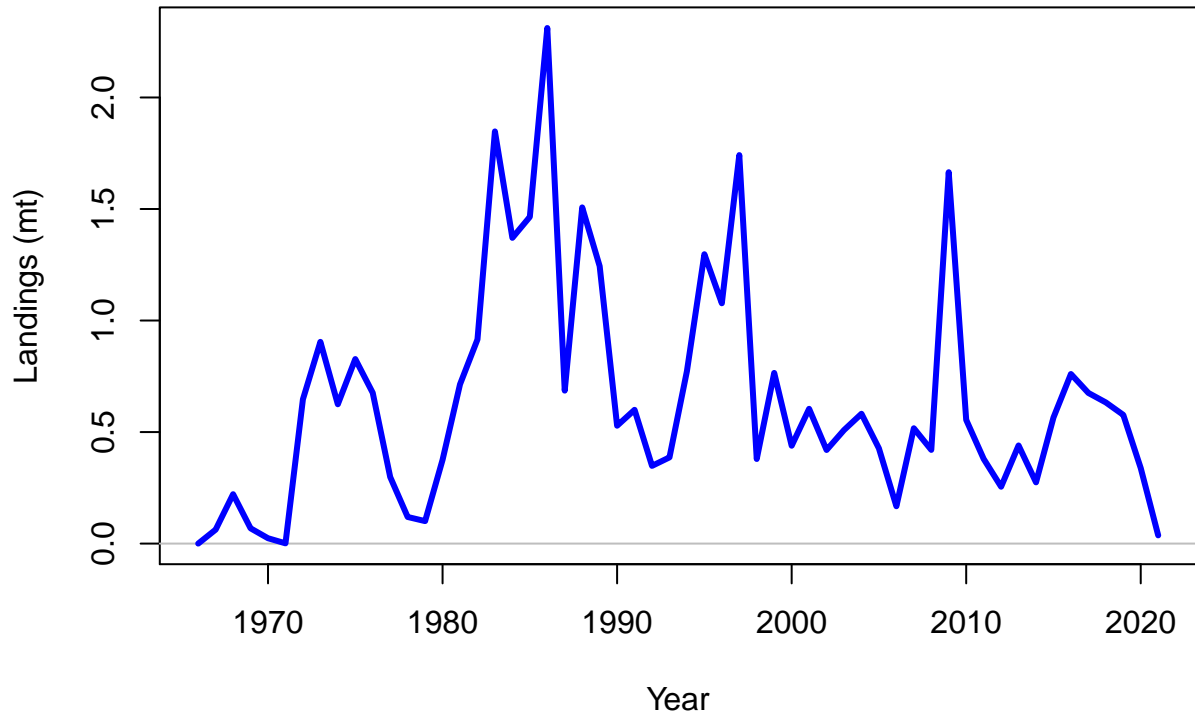


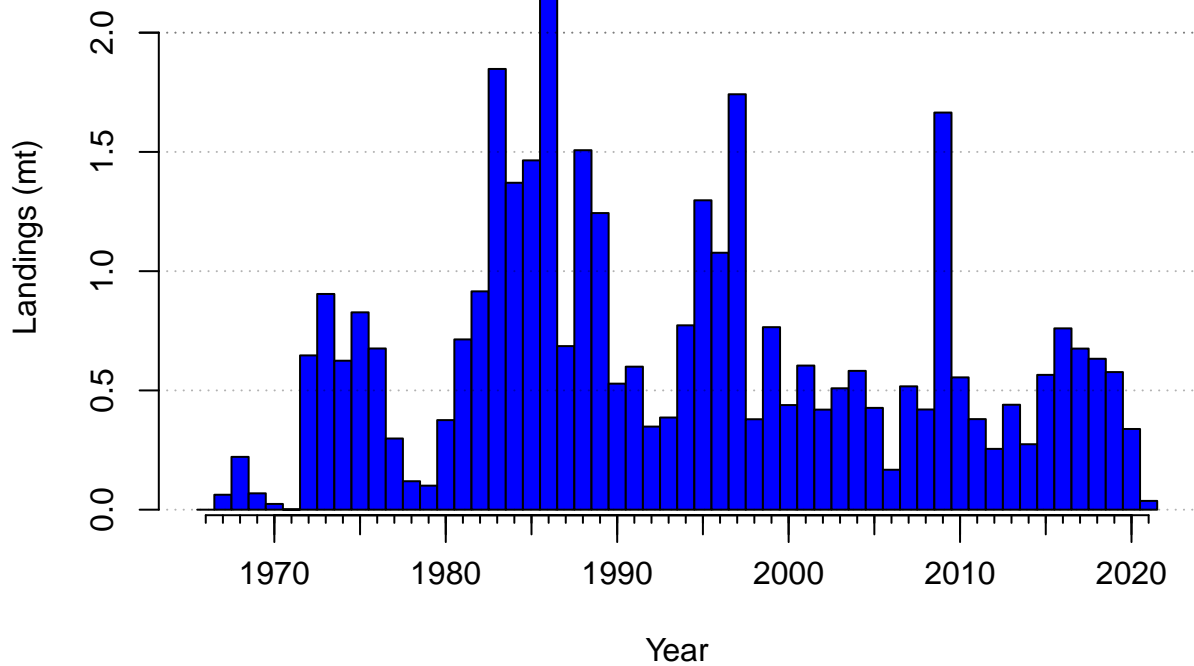


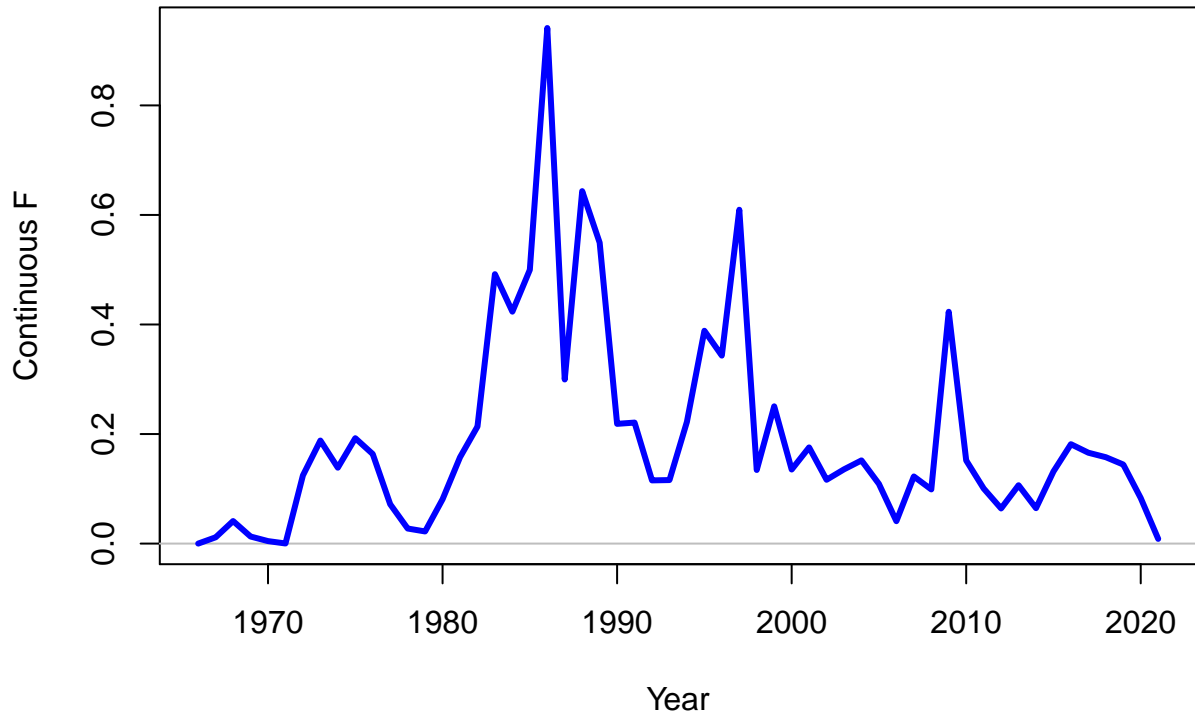




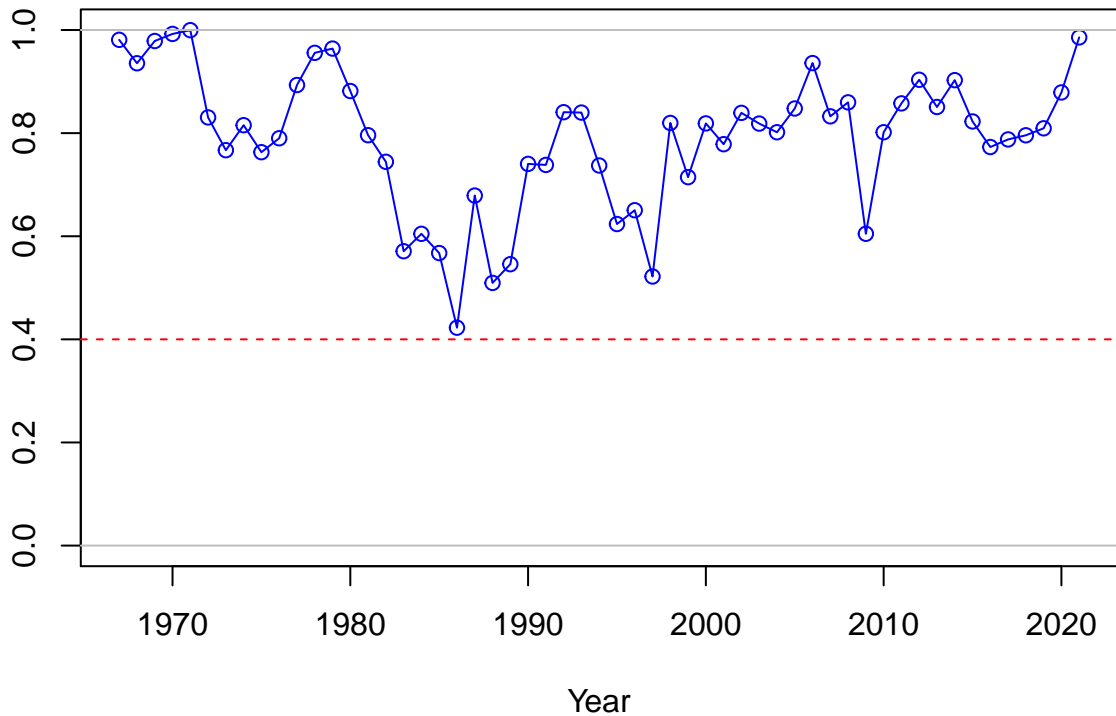




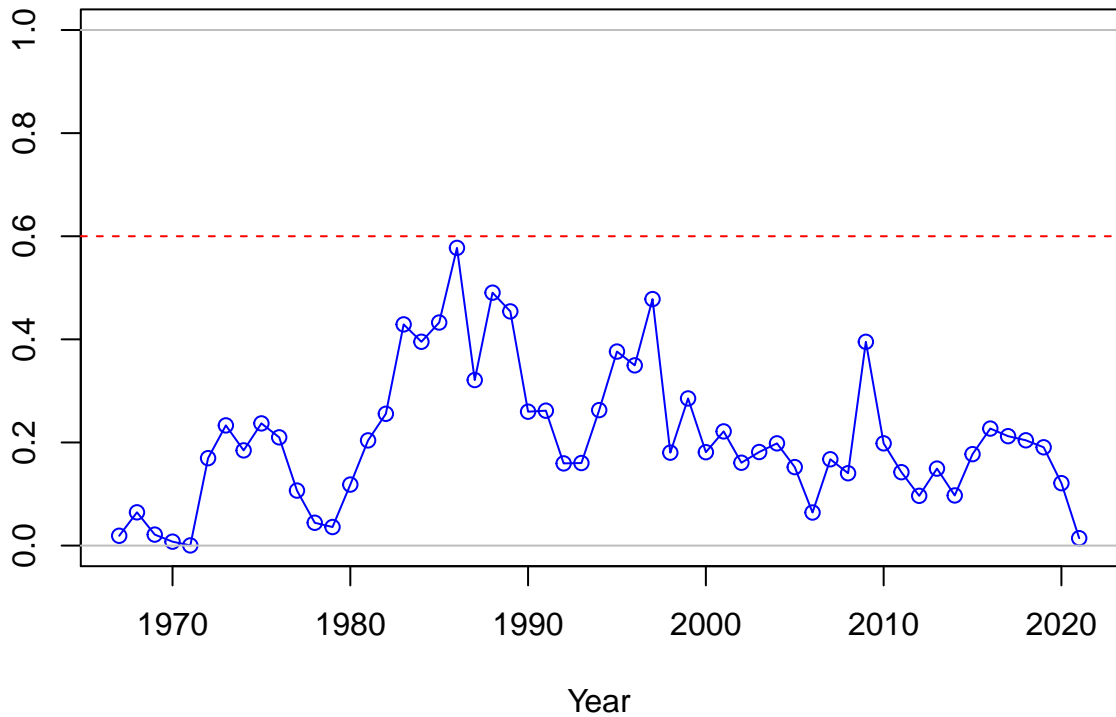




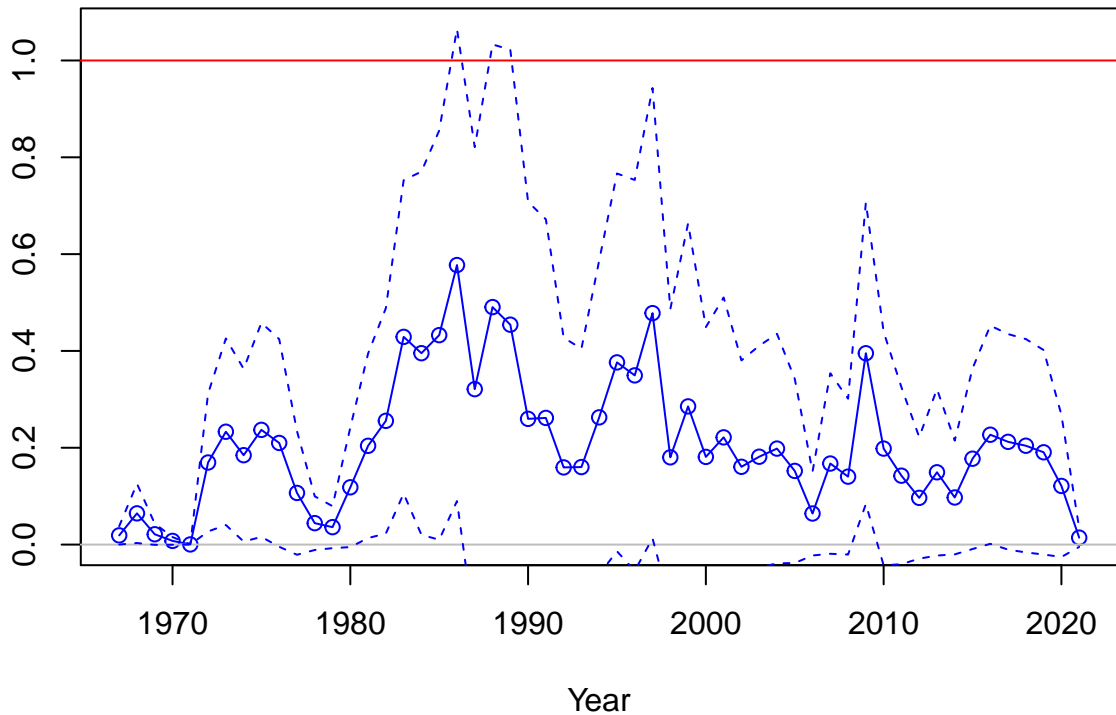
SPR



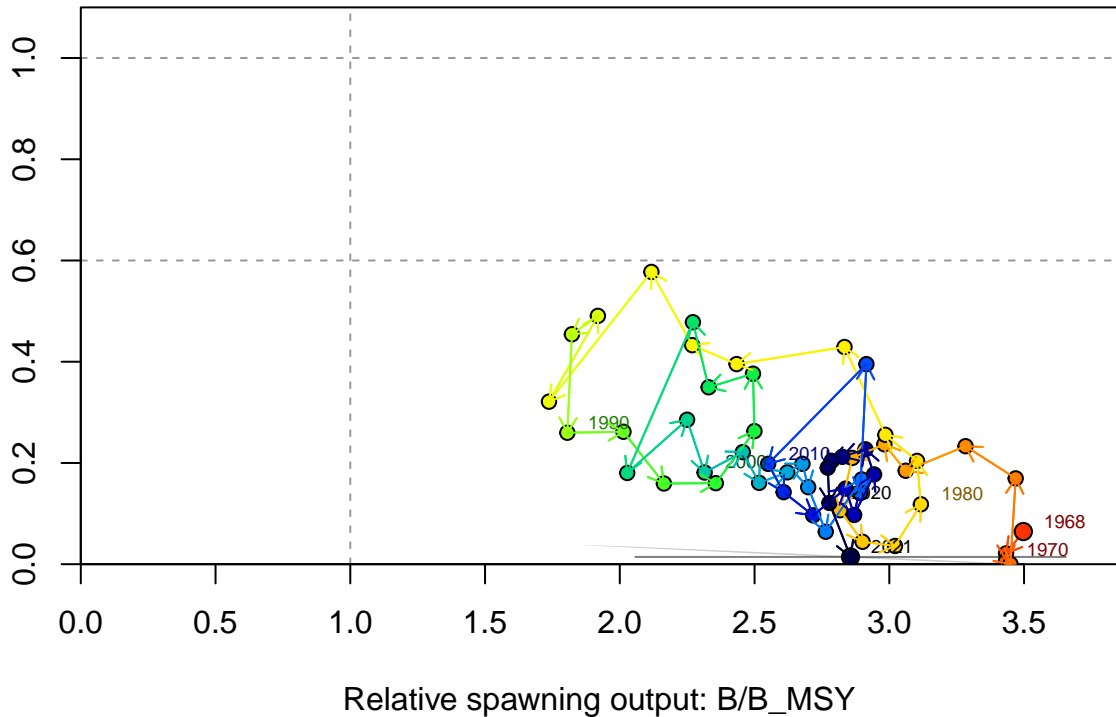
1-SPR



Fishing intensity: 1-SPR



Fishing intensity: 1-SPR





Index

5  
4  
3  
2  
1  
0

2016

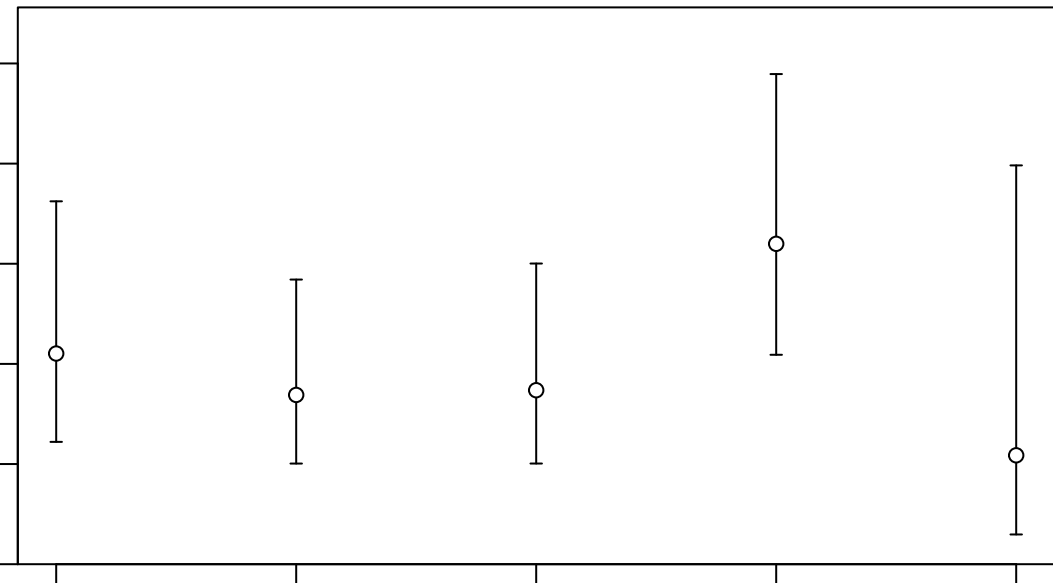
2017

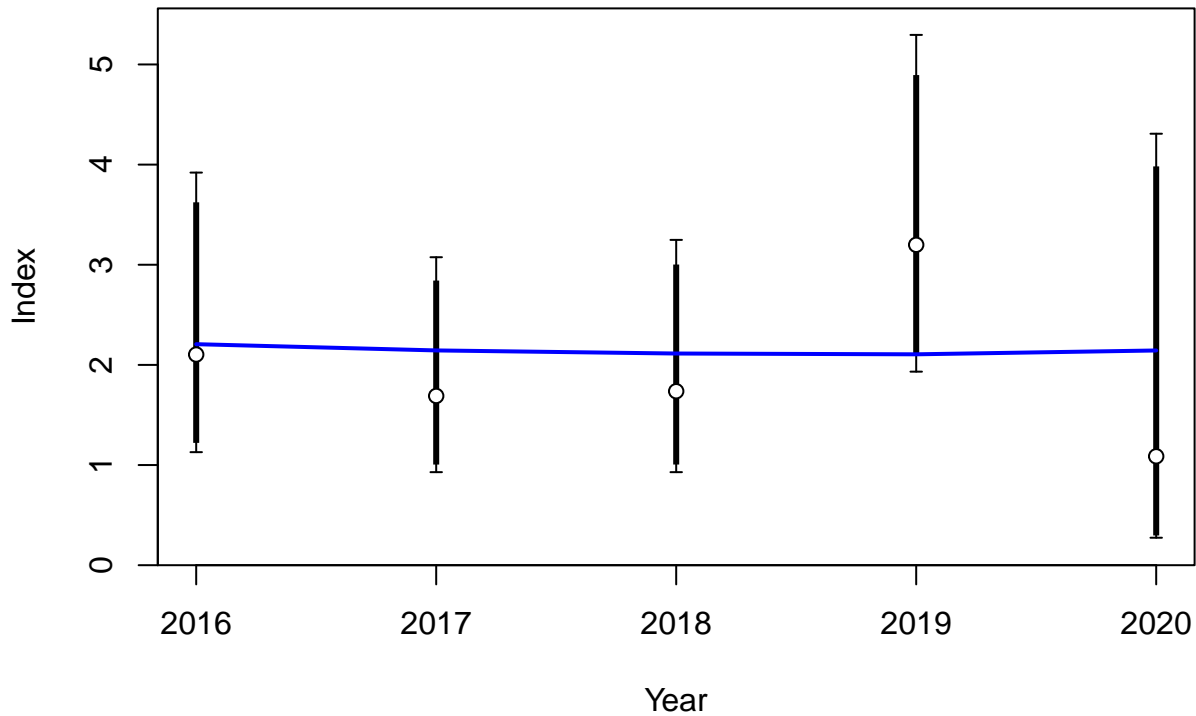
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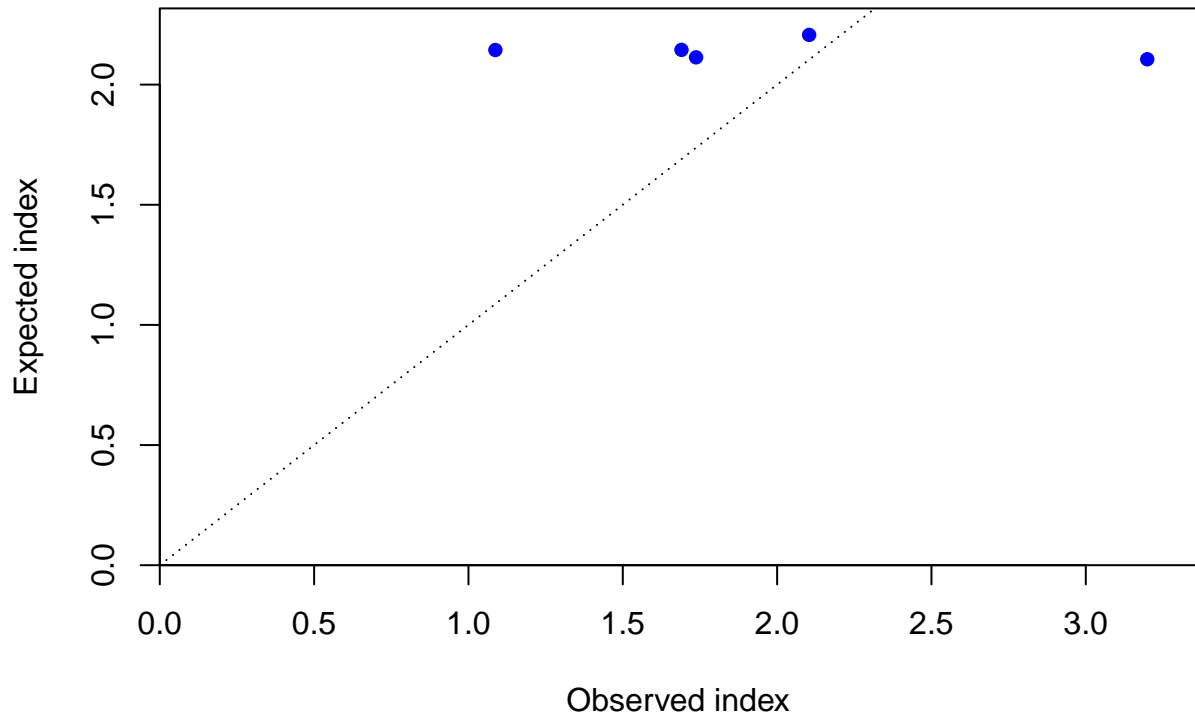
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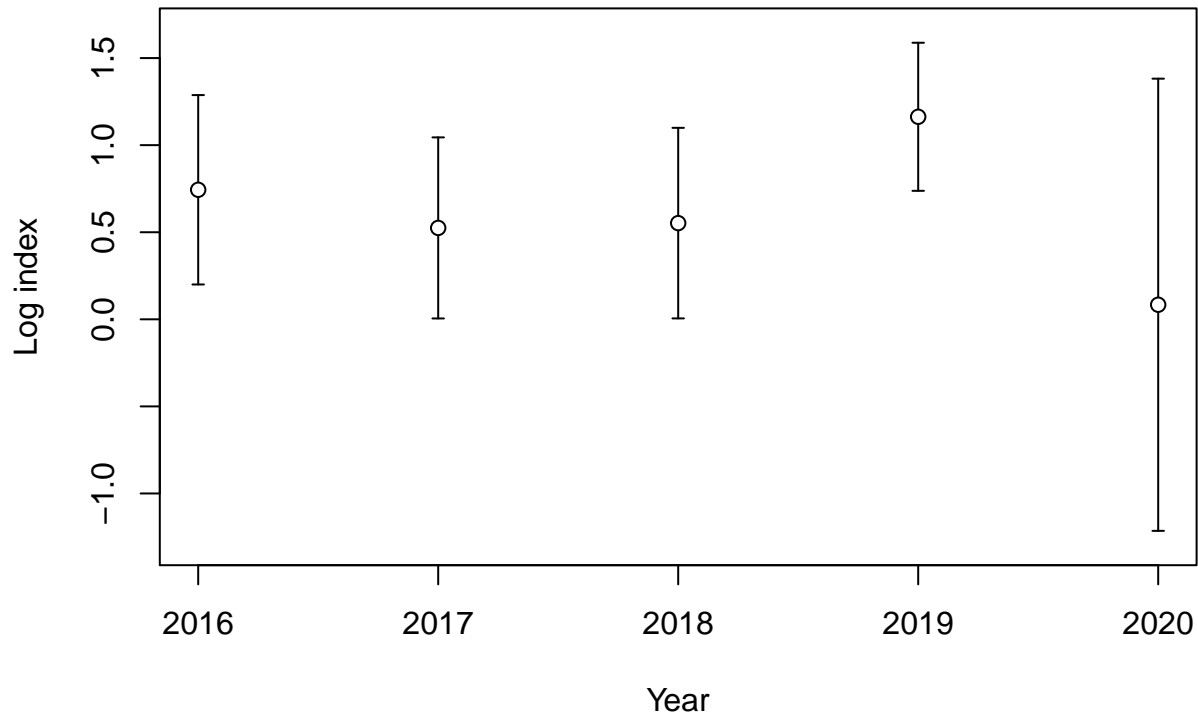
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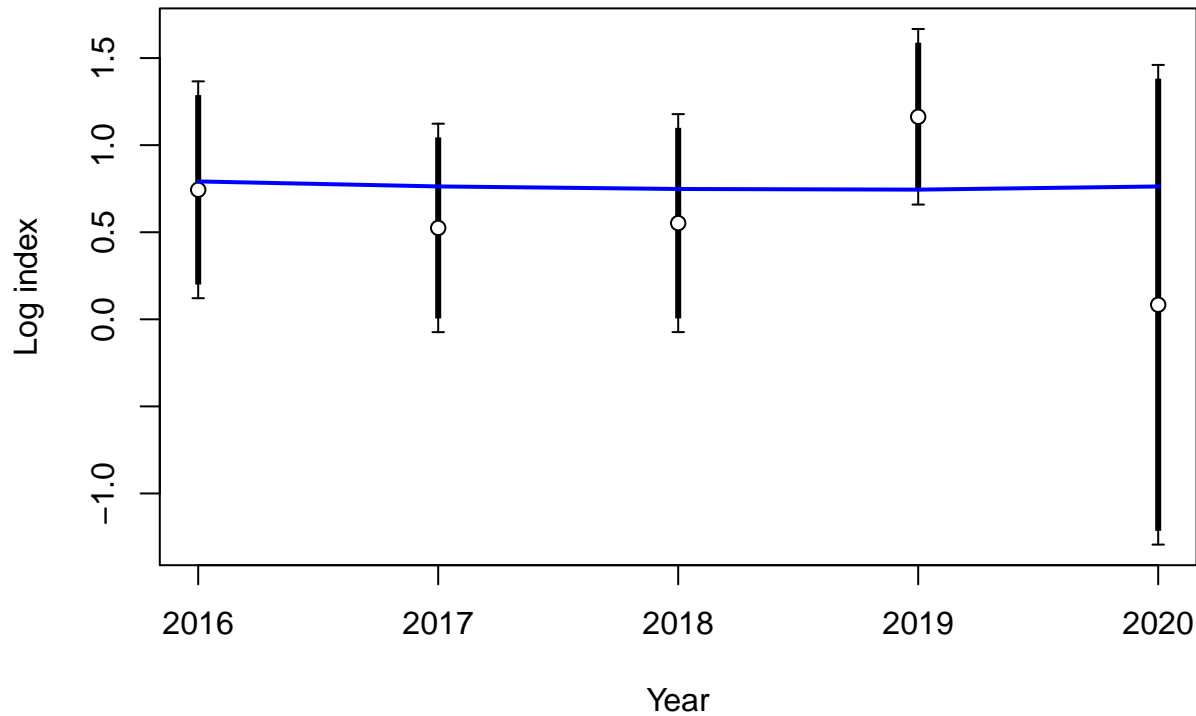
Year

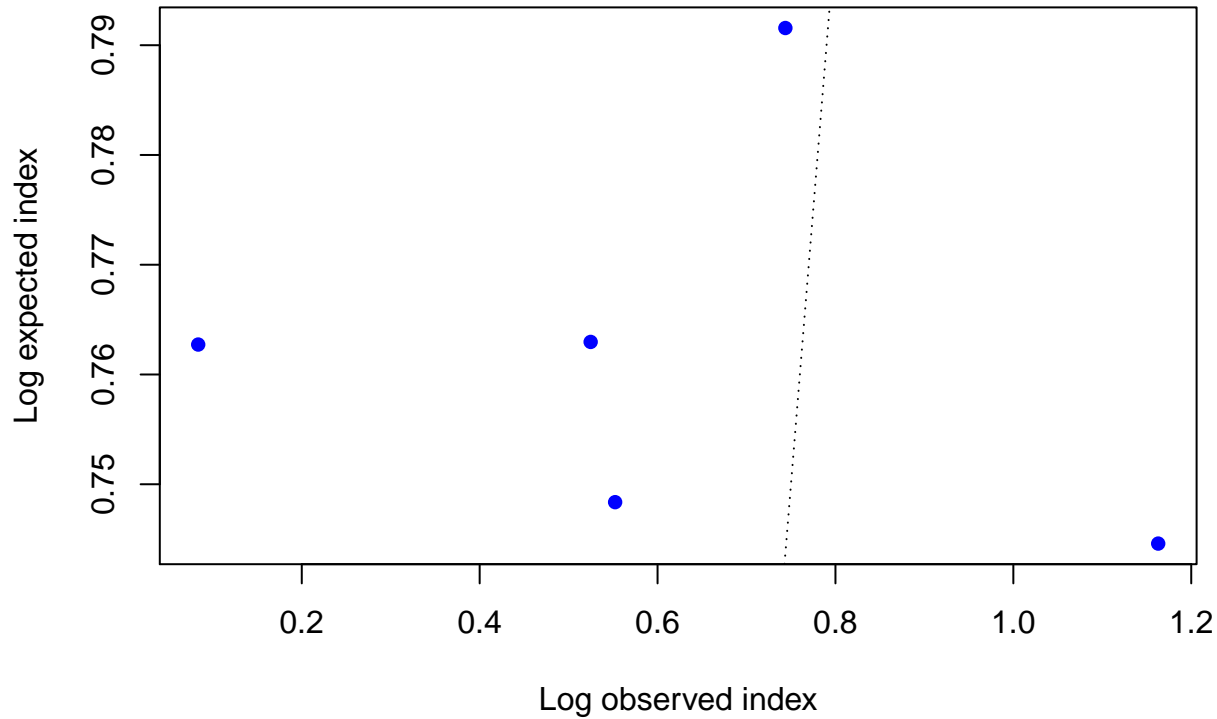


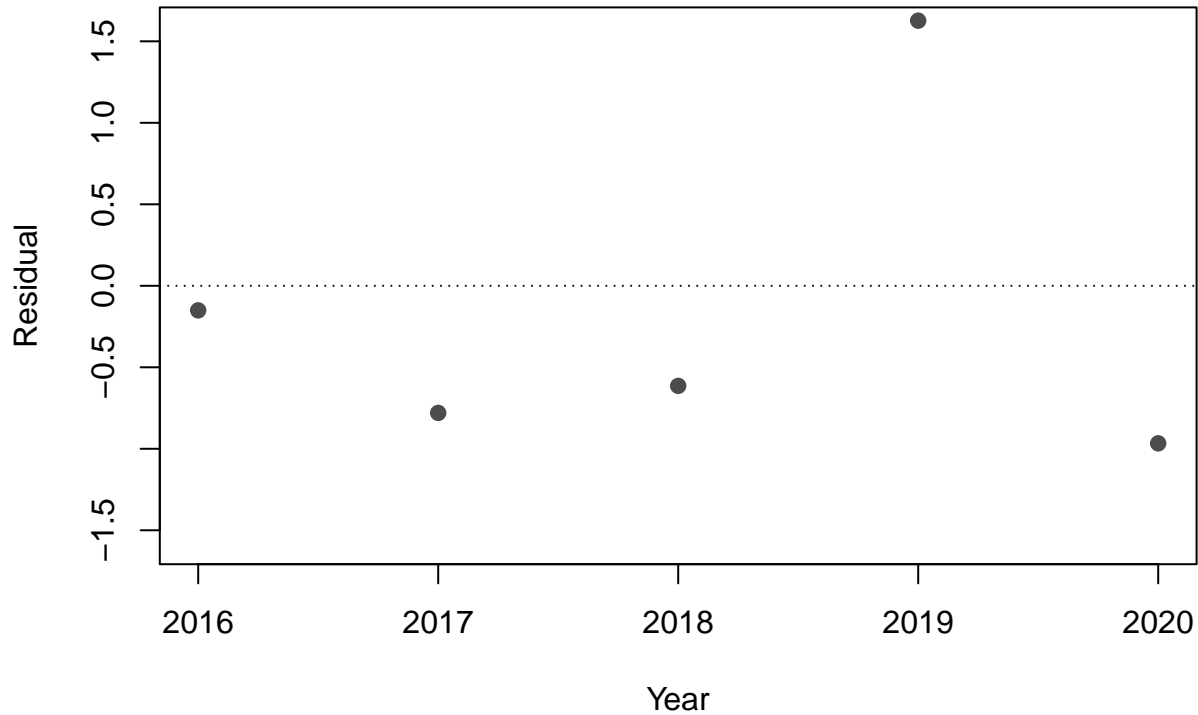


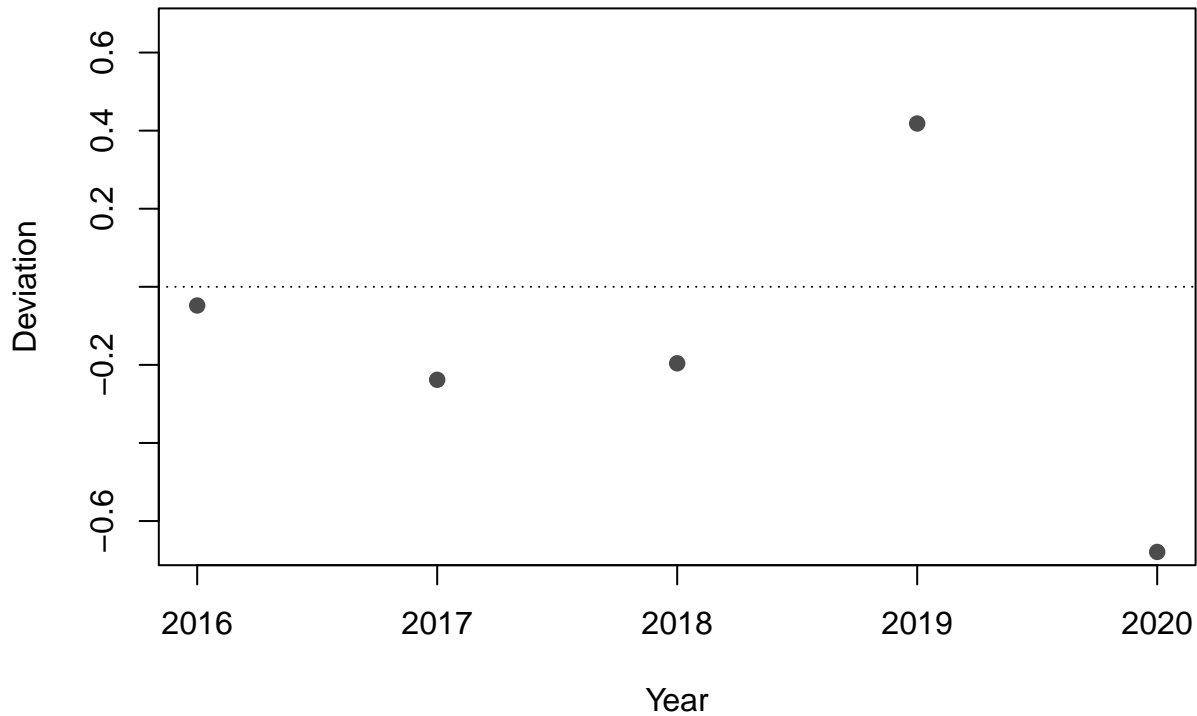








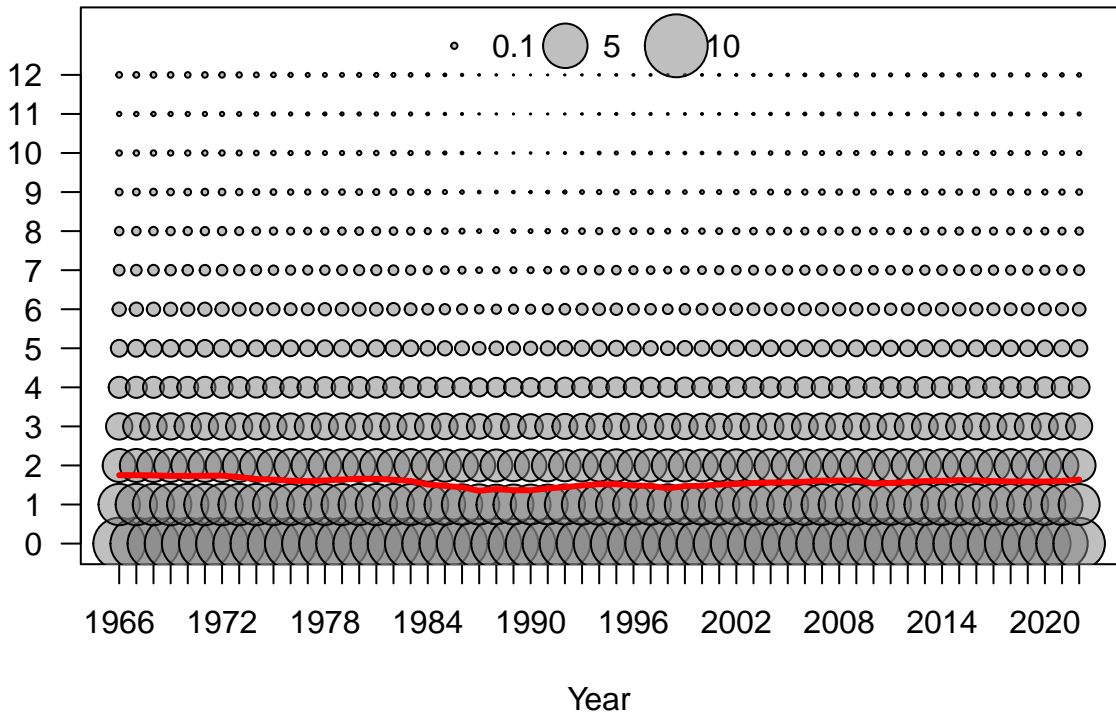




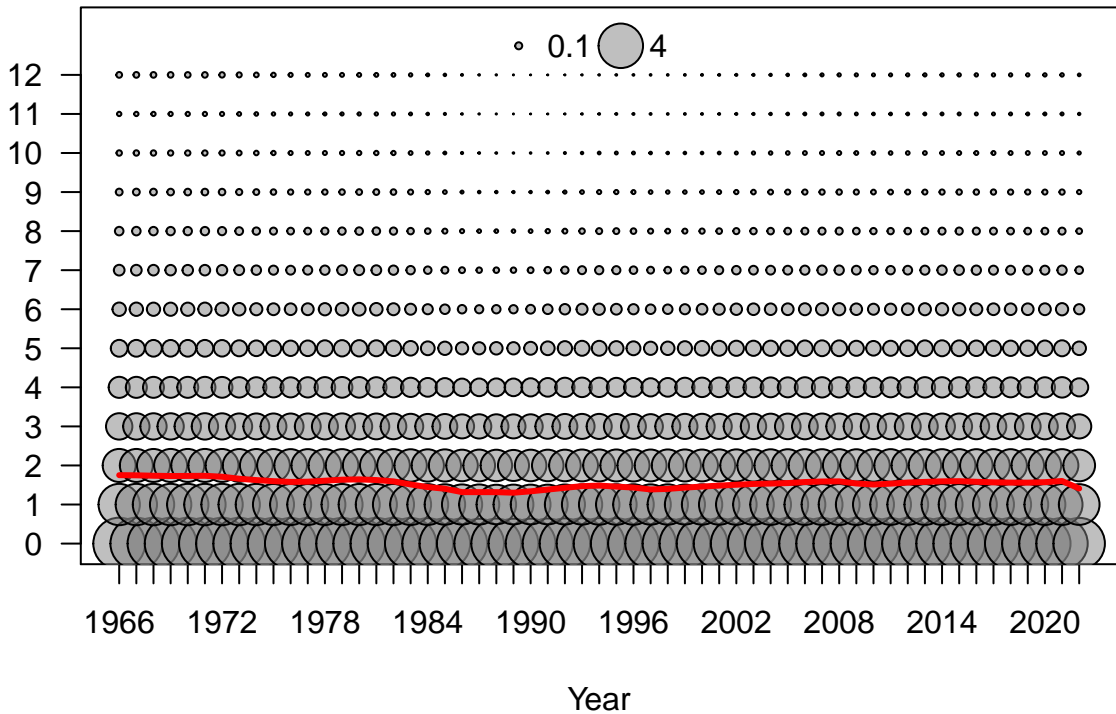


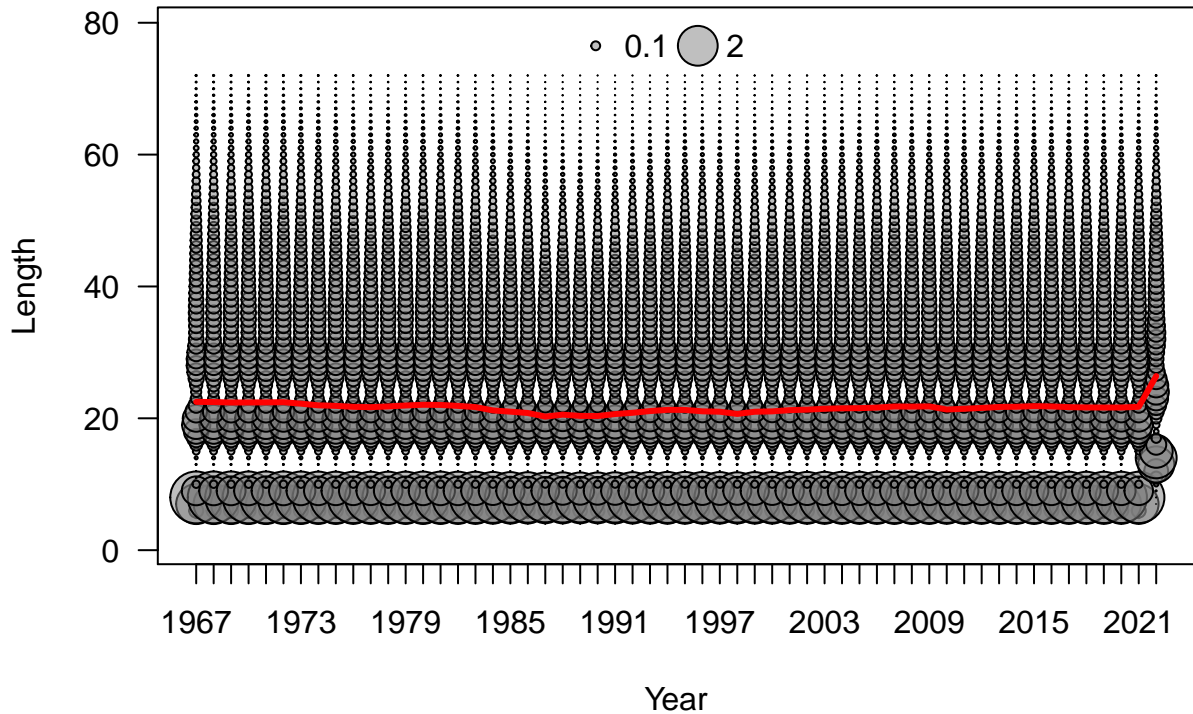


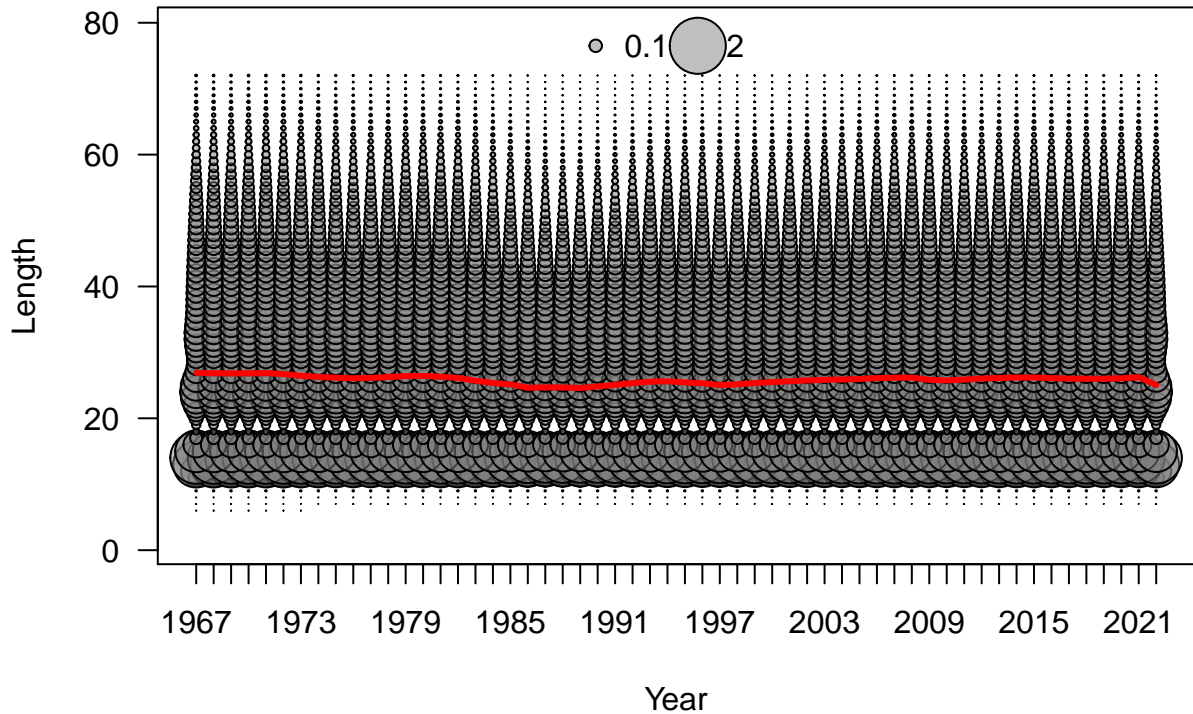
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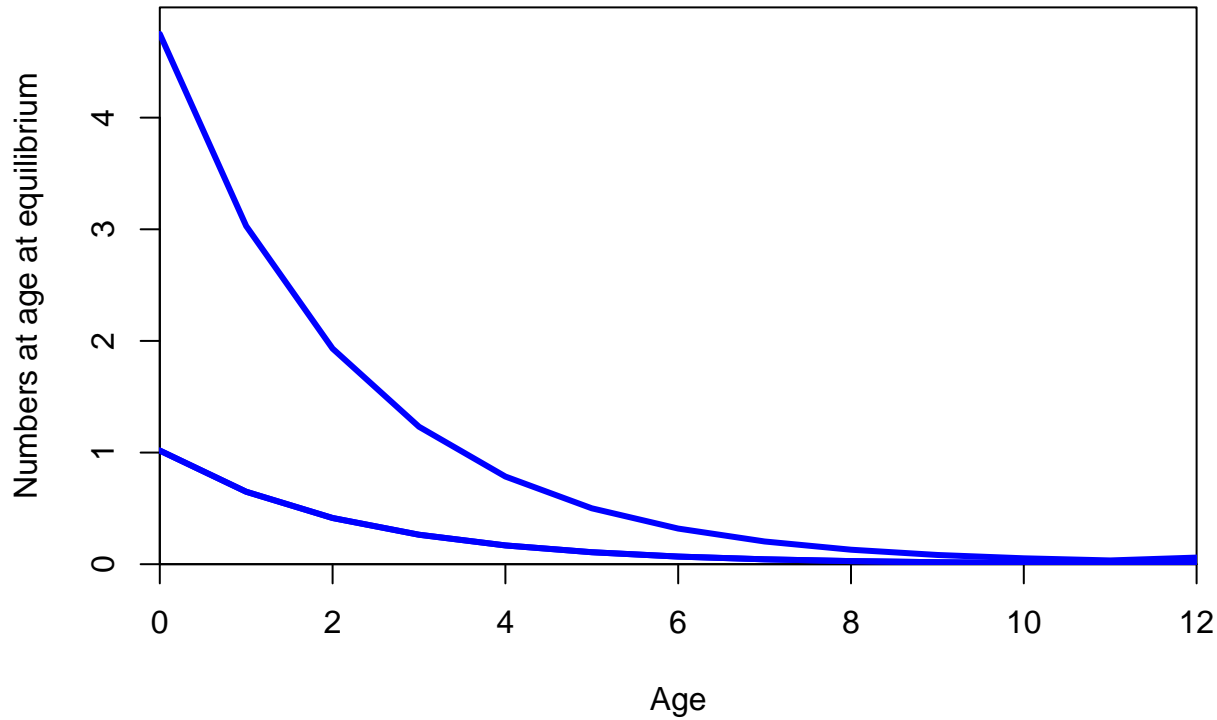


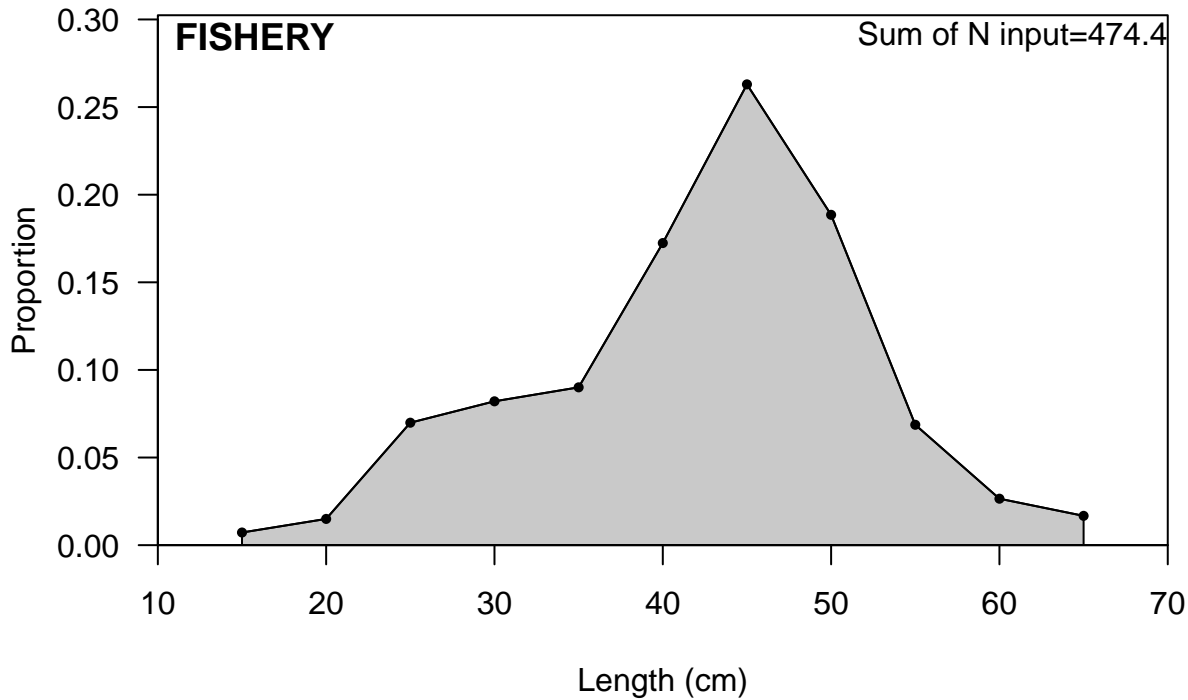
Age





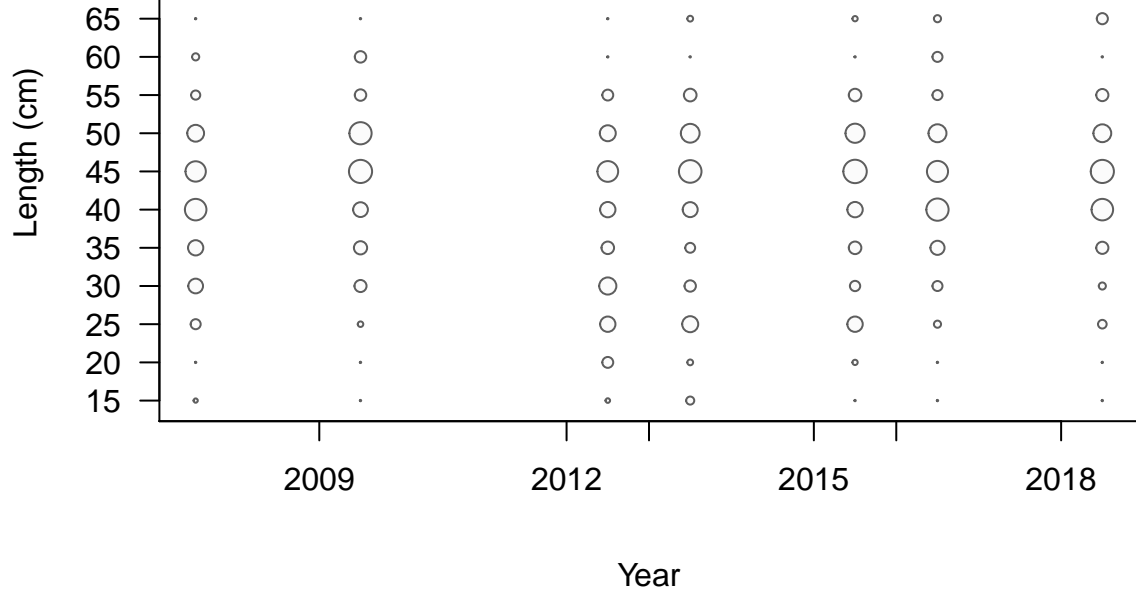






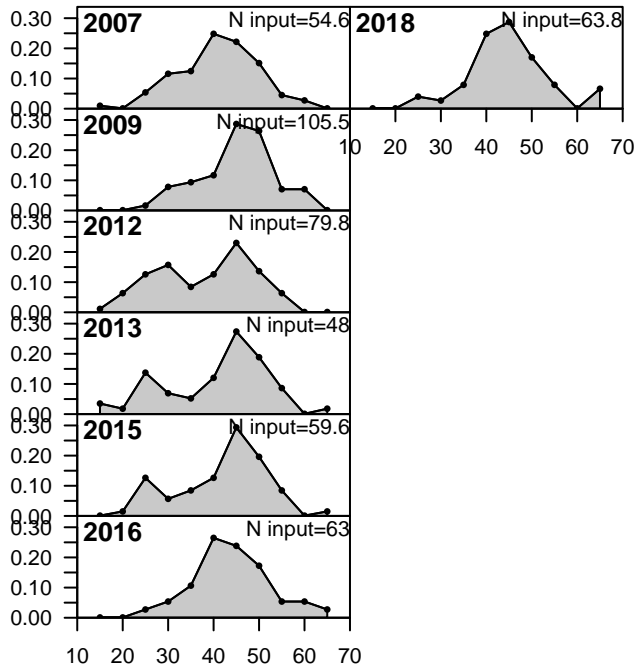
# FISHERY

◦ 0.01 ○ 0.2





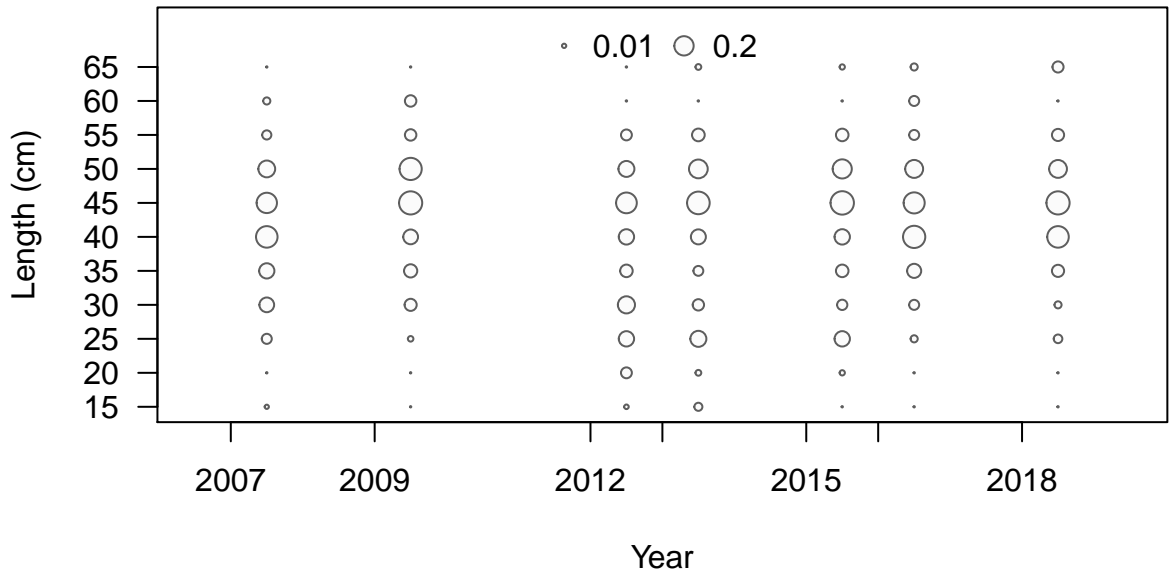
Proportion



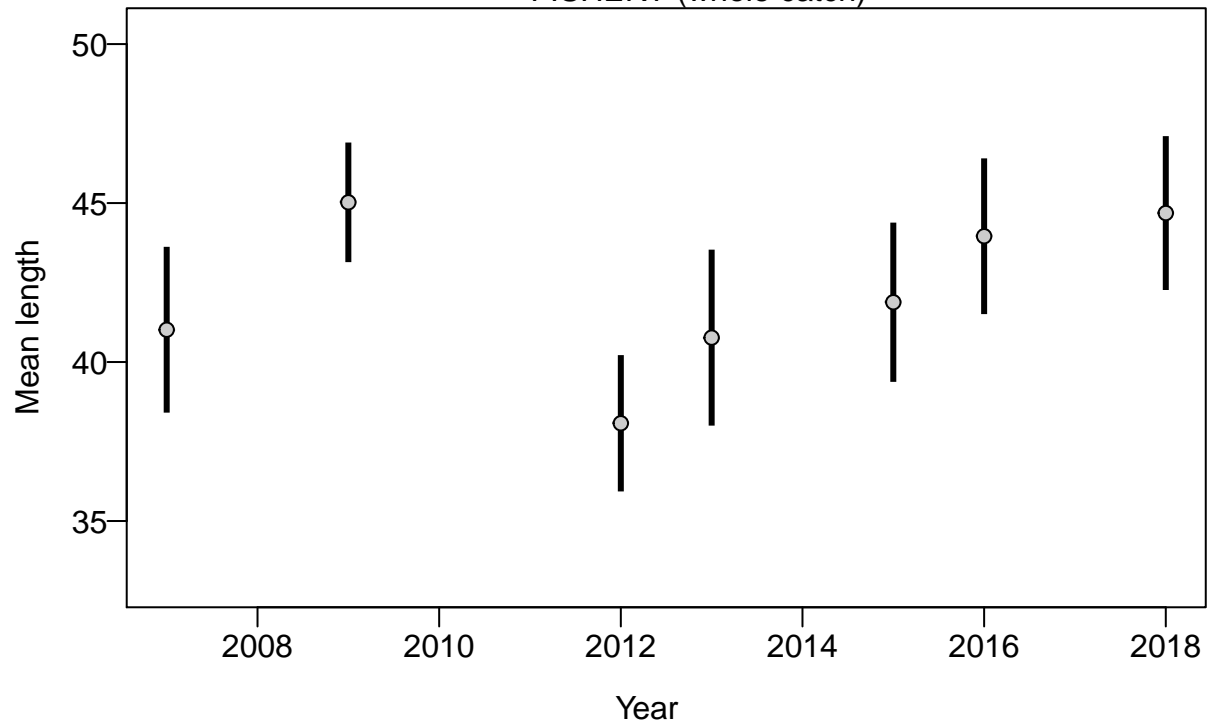
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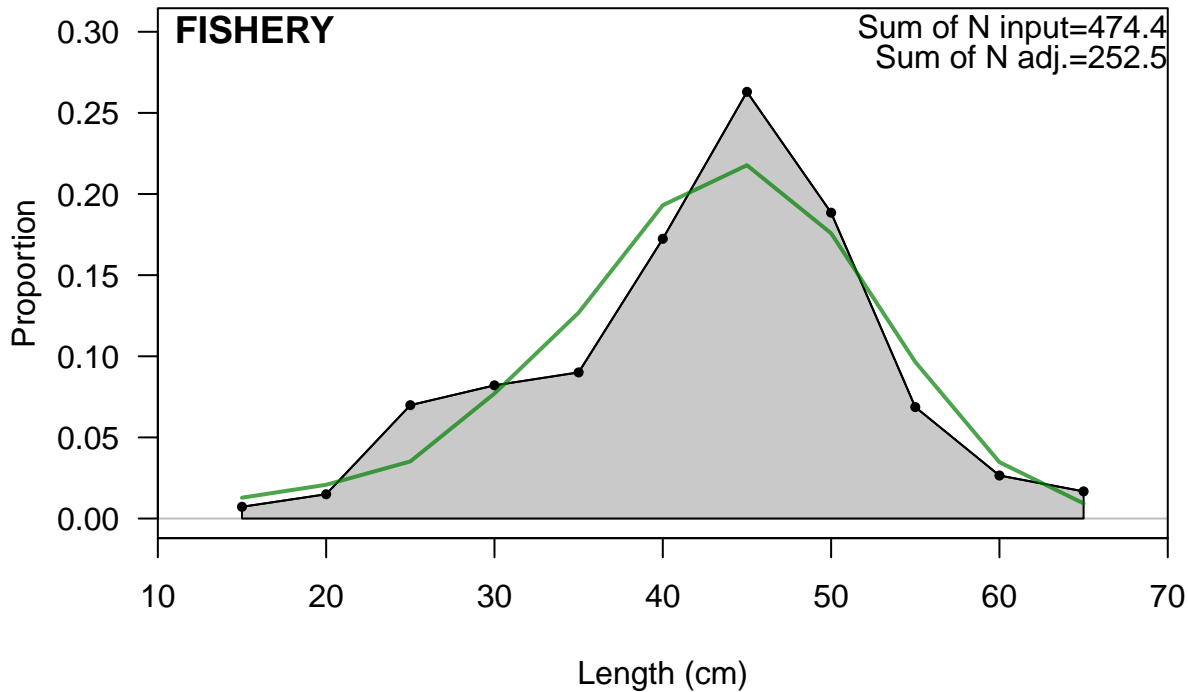
N input=63.8

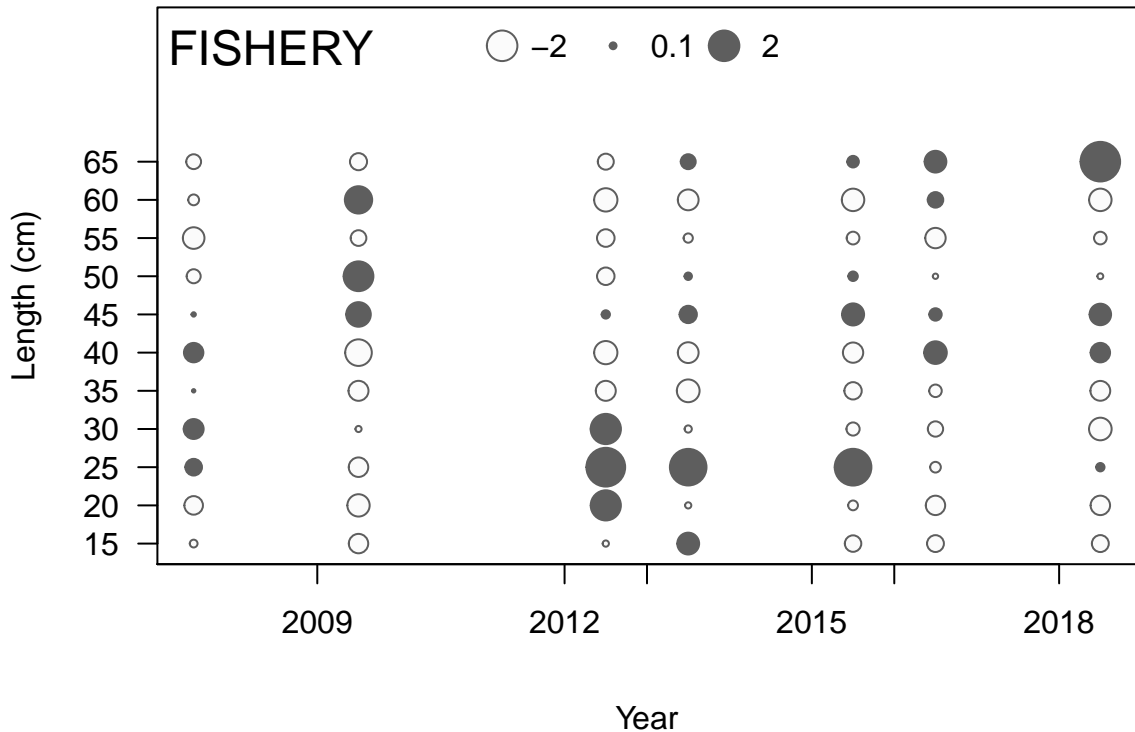
Length (cm)



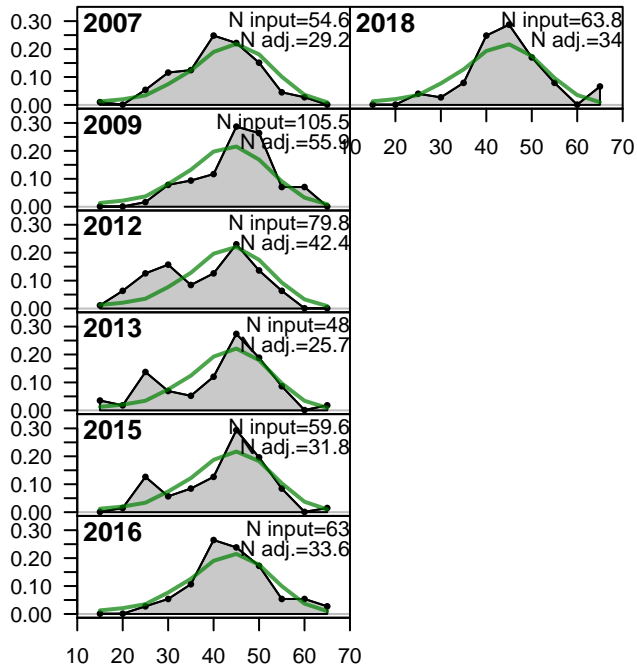
FISHERY (whole catch)



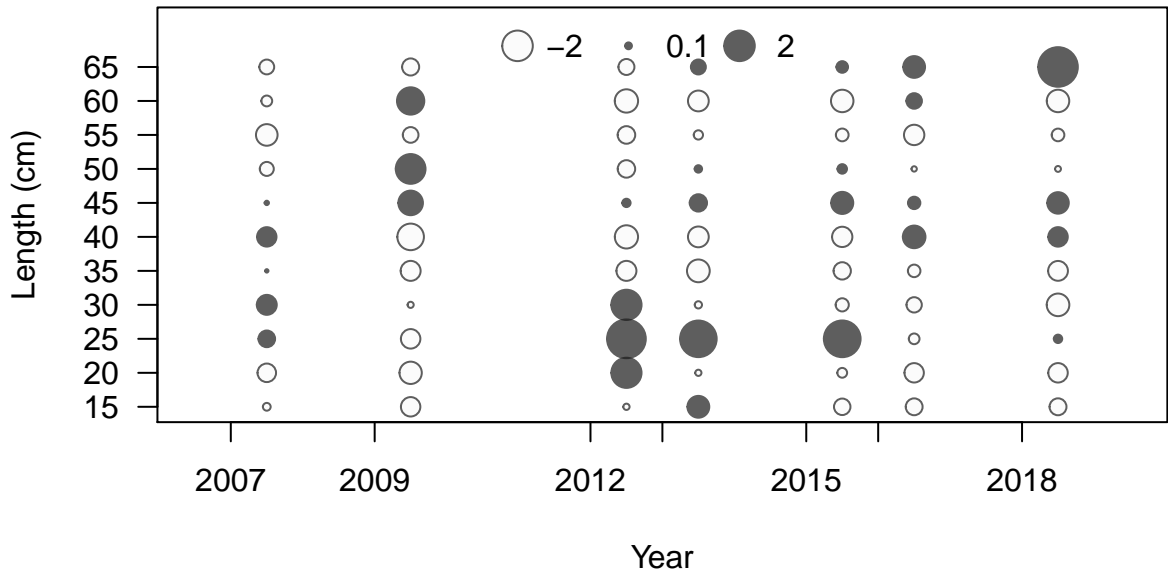




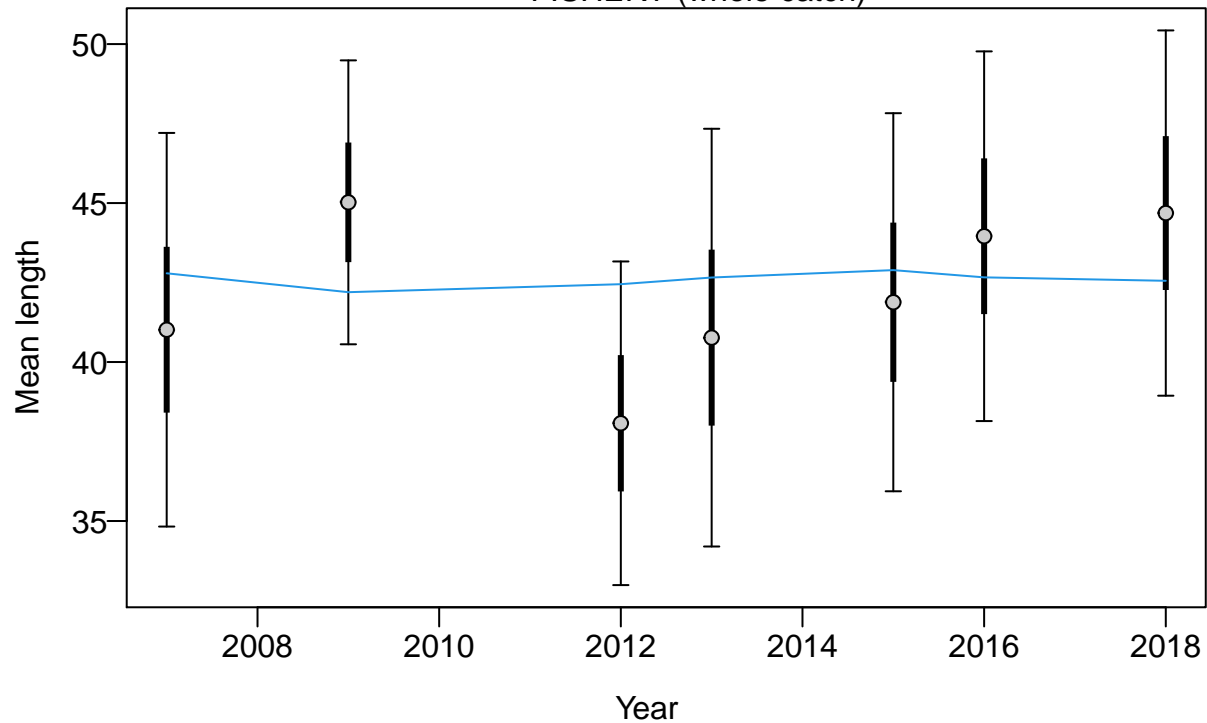
Proportion



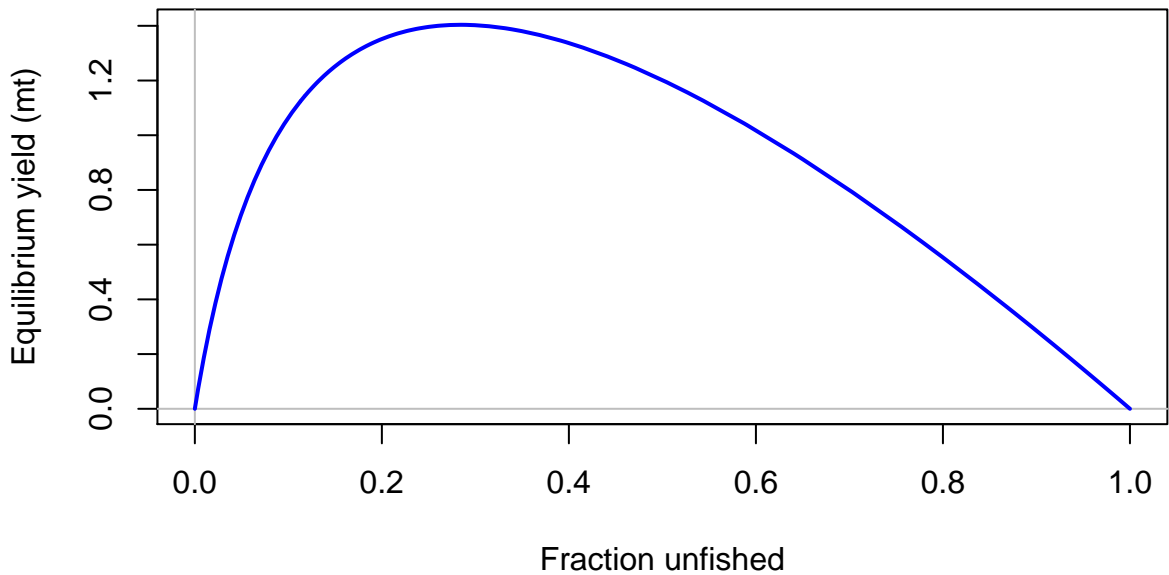
Length (cm)

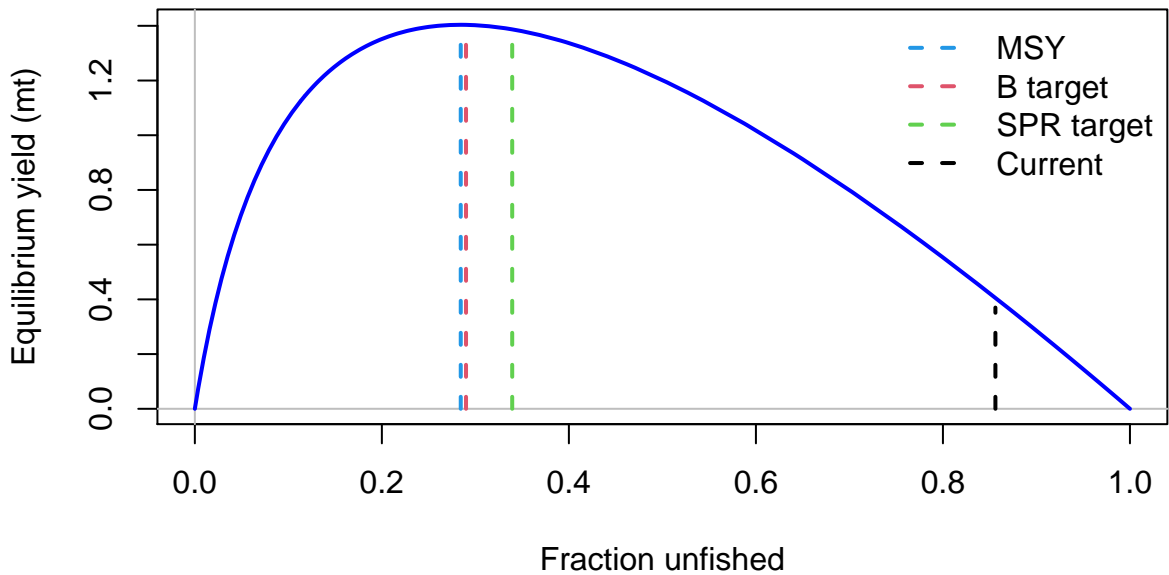


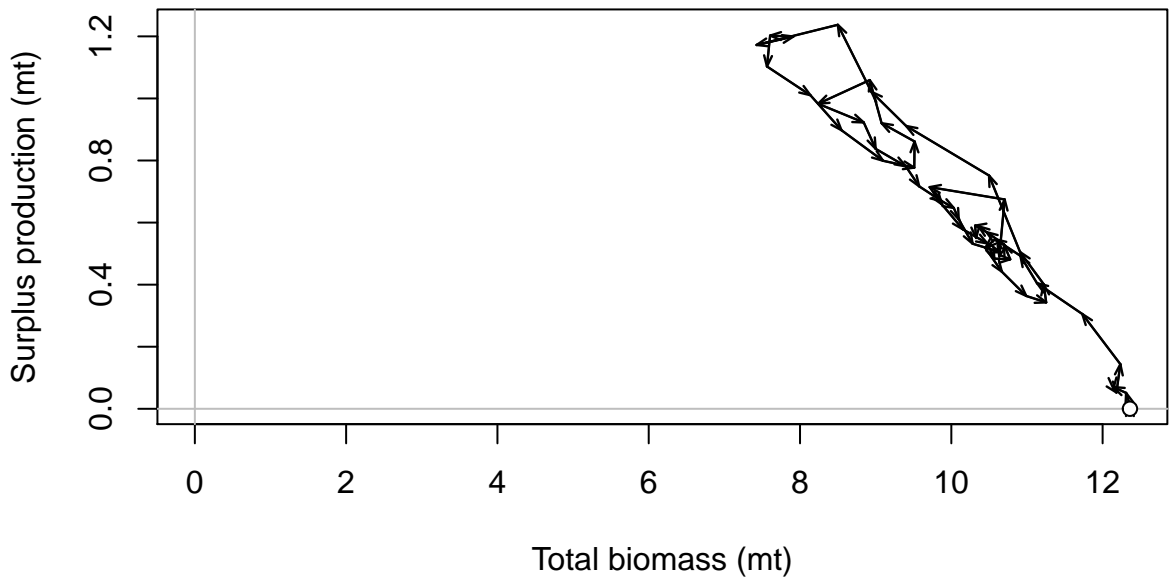
FISHERY (whole catch)

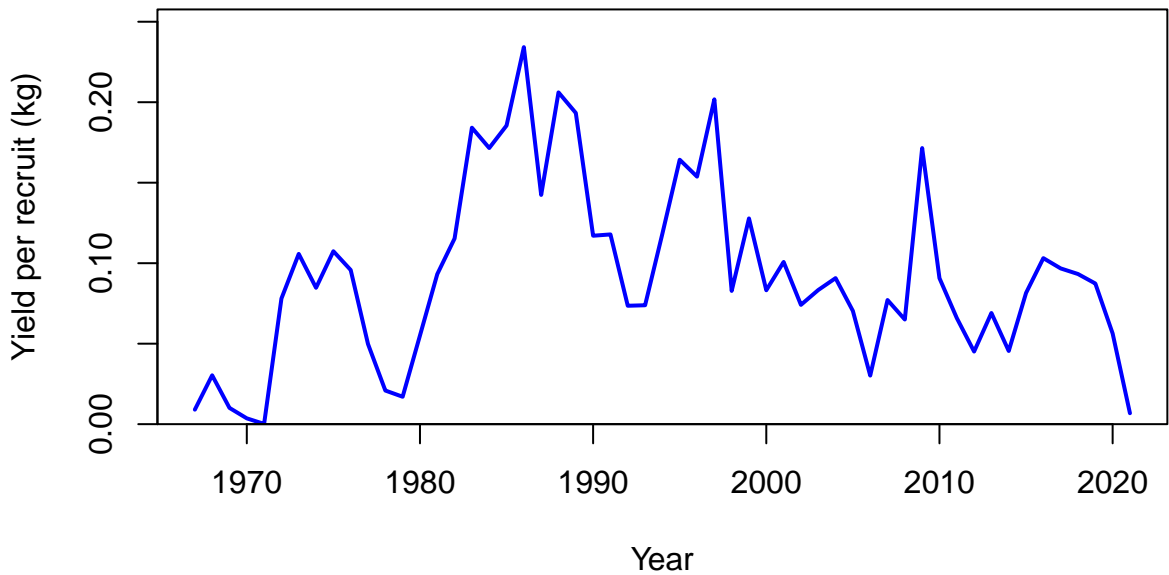


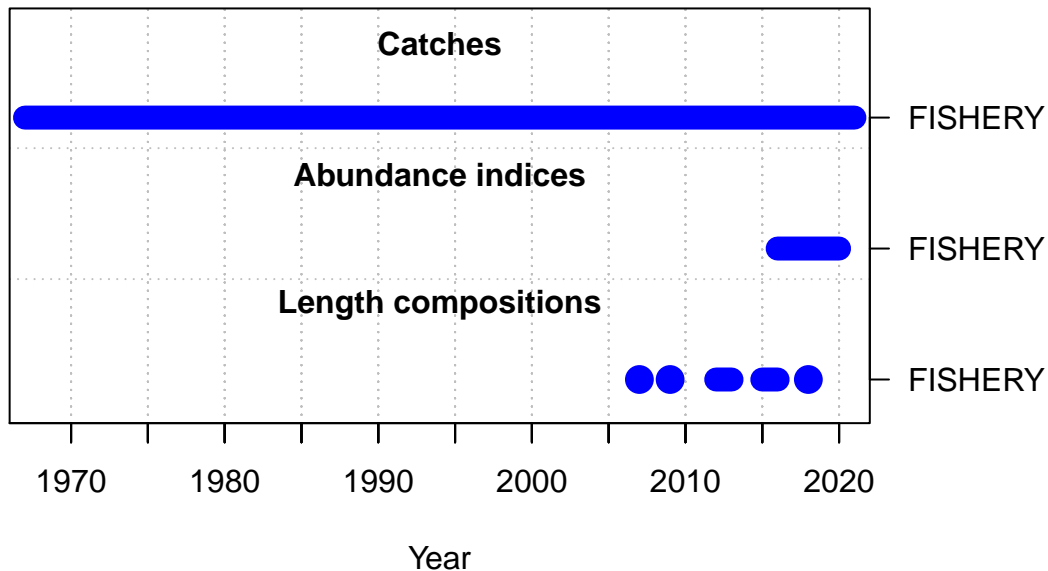


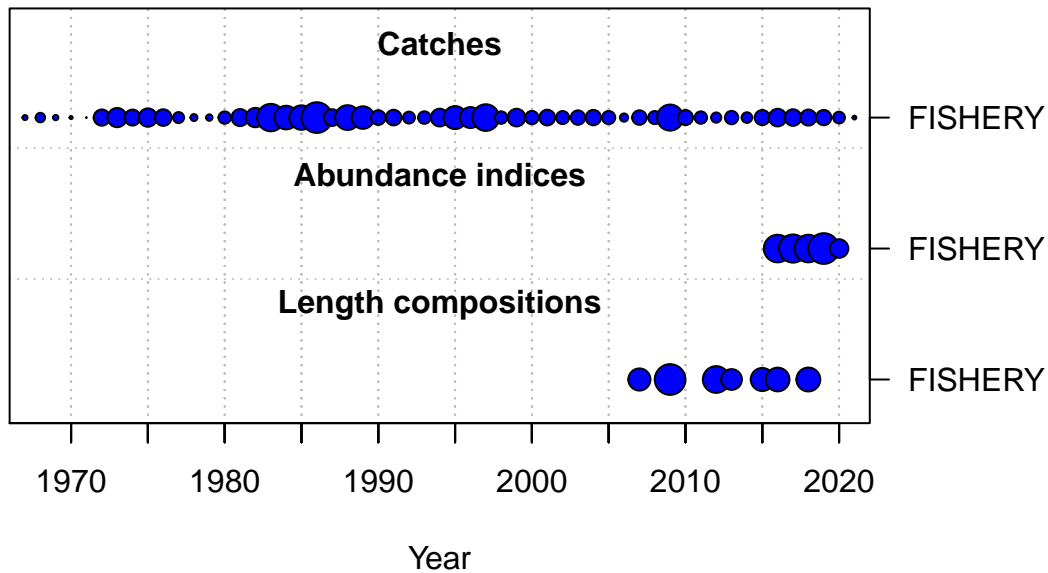




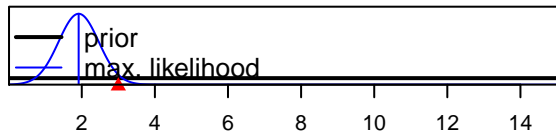




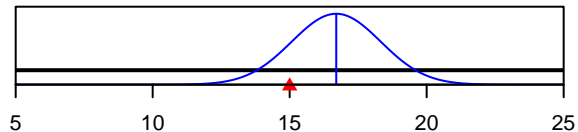




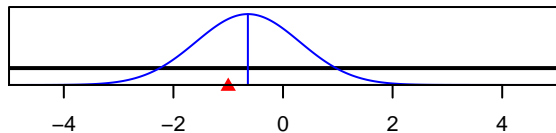
SR\_LN(R0)



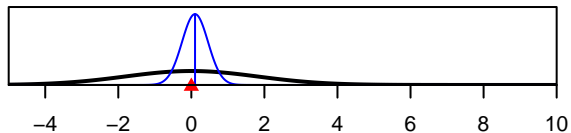
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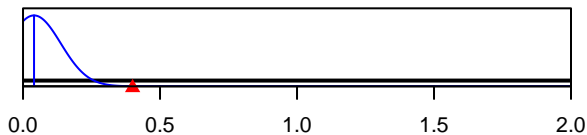
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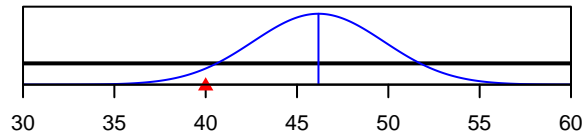
ln(DM\_theta)\_1



Q\_extraSD\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Parameter value