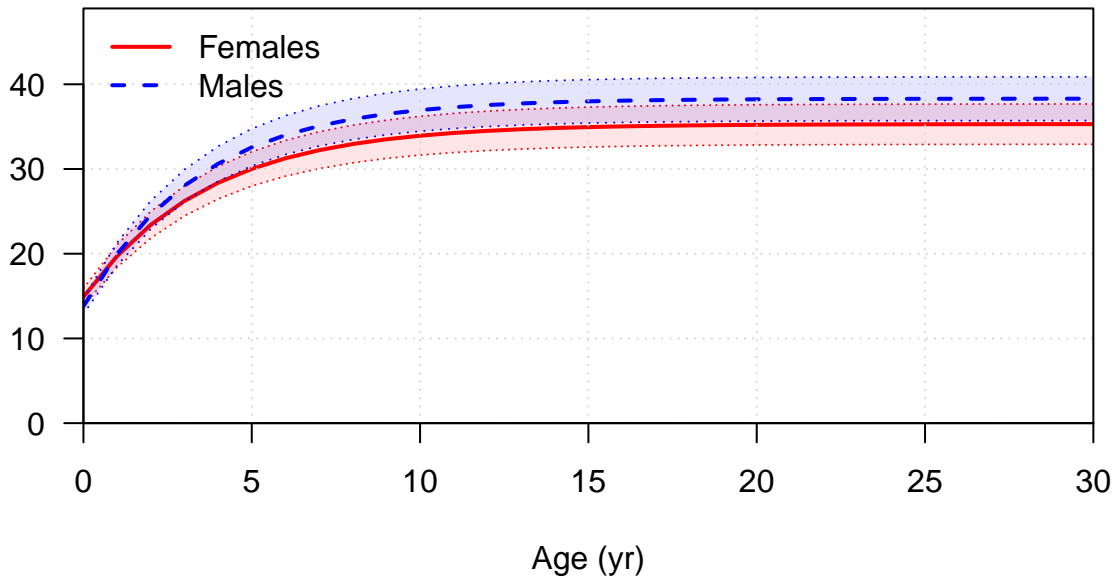
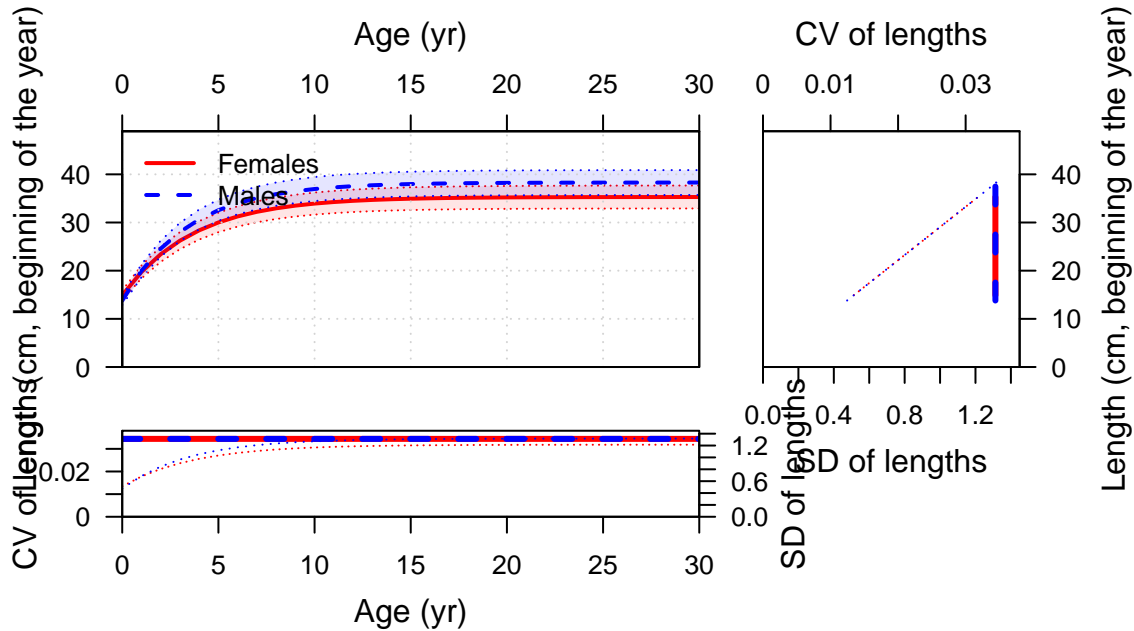
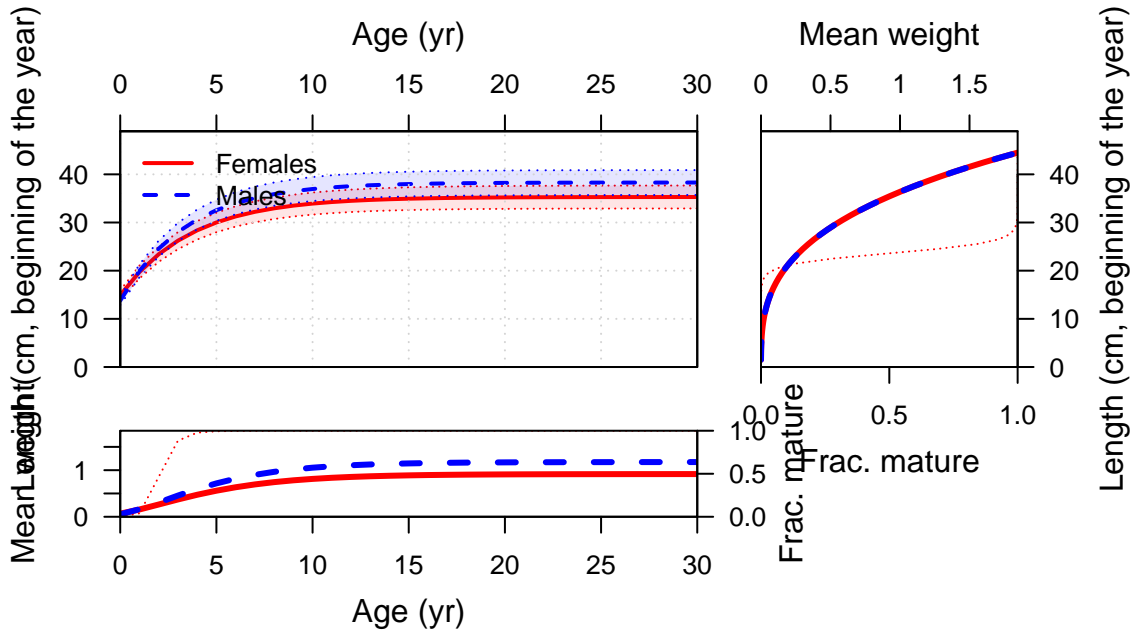


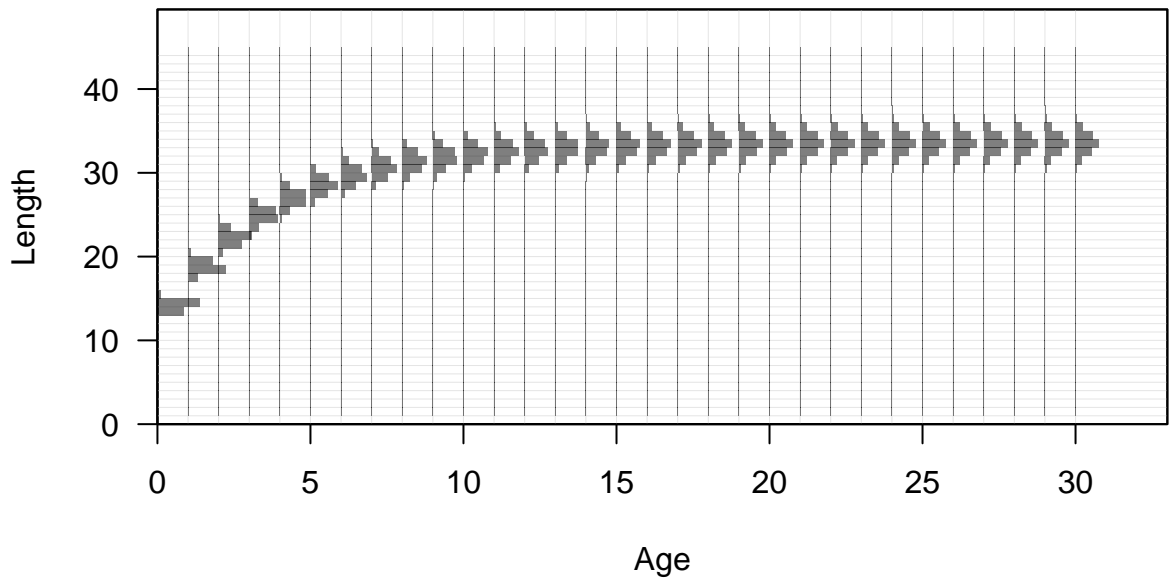
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Fri Aug 12 14:41:44 2022
Data_File: data.ss
Control_File: control.ss

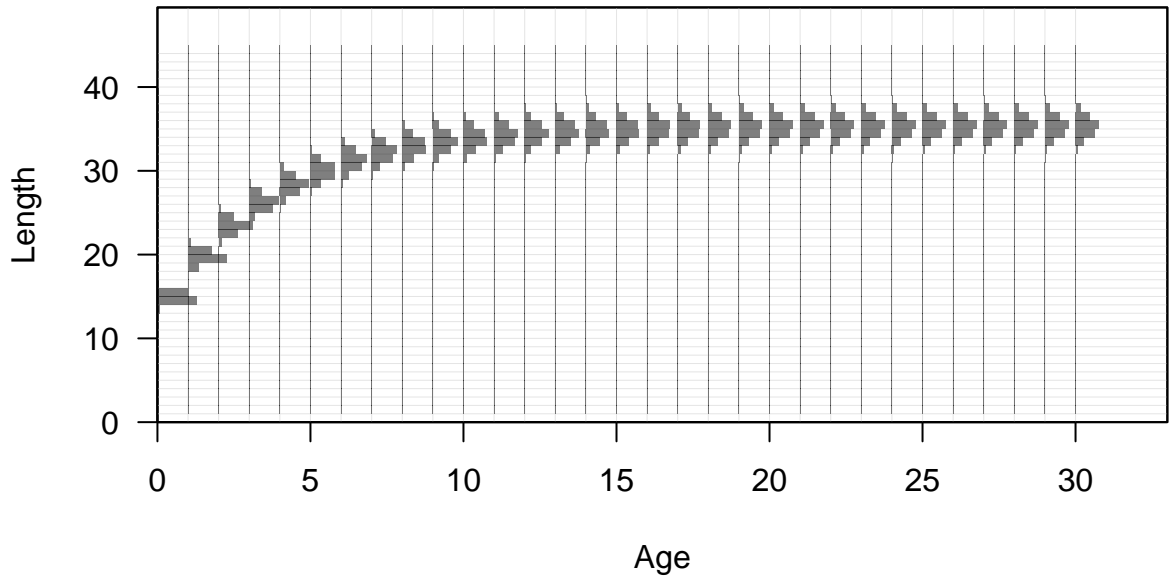
Length (cm, beginning of the year)

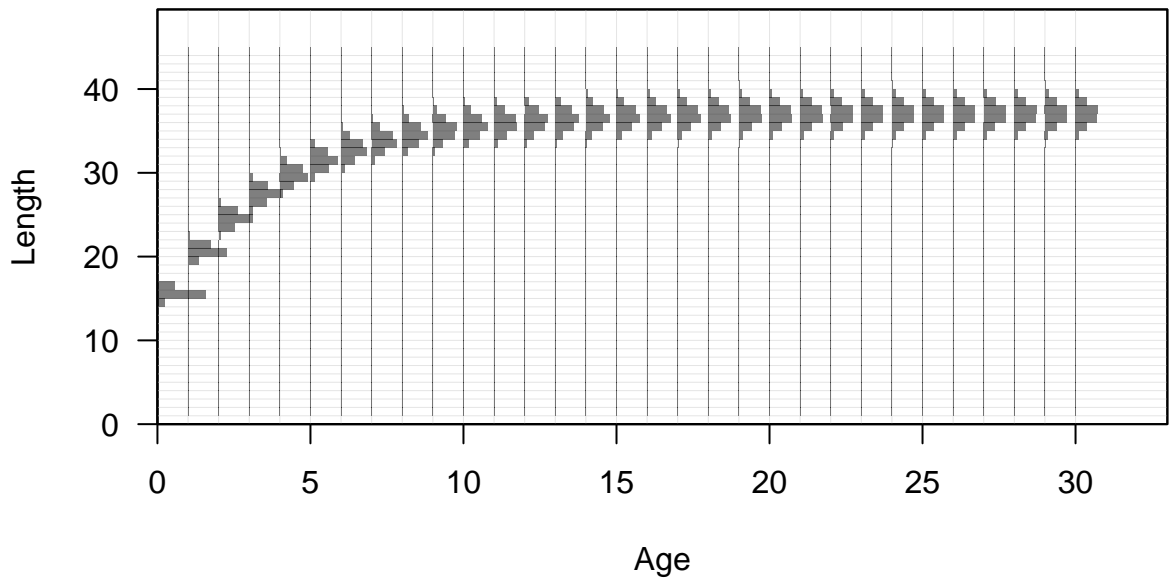


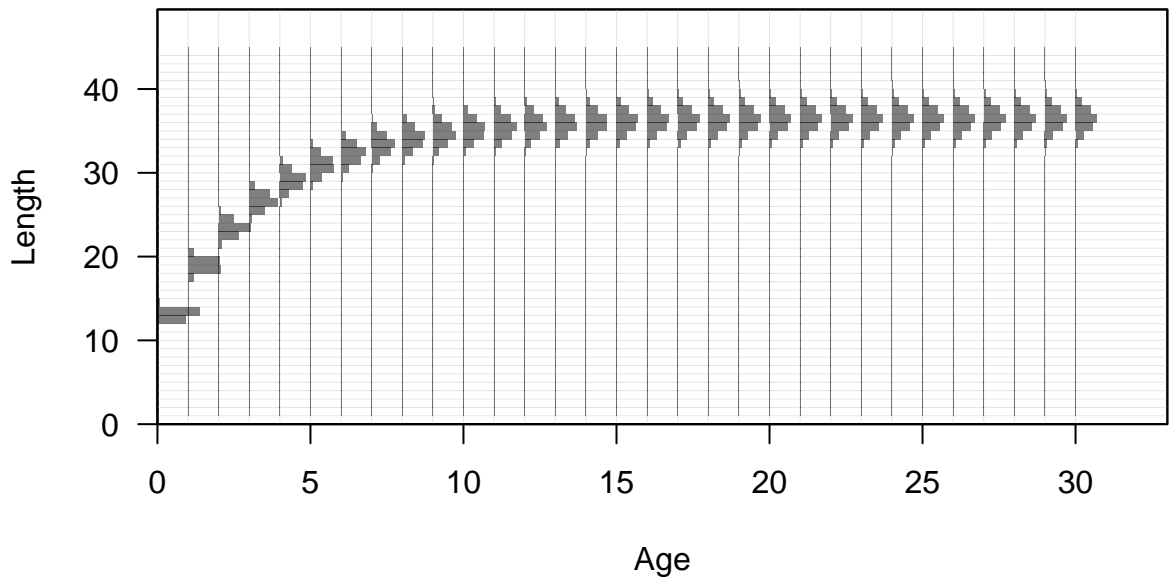


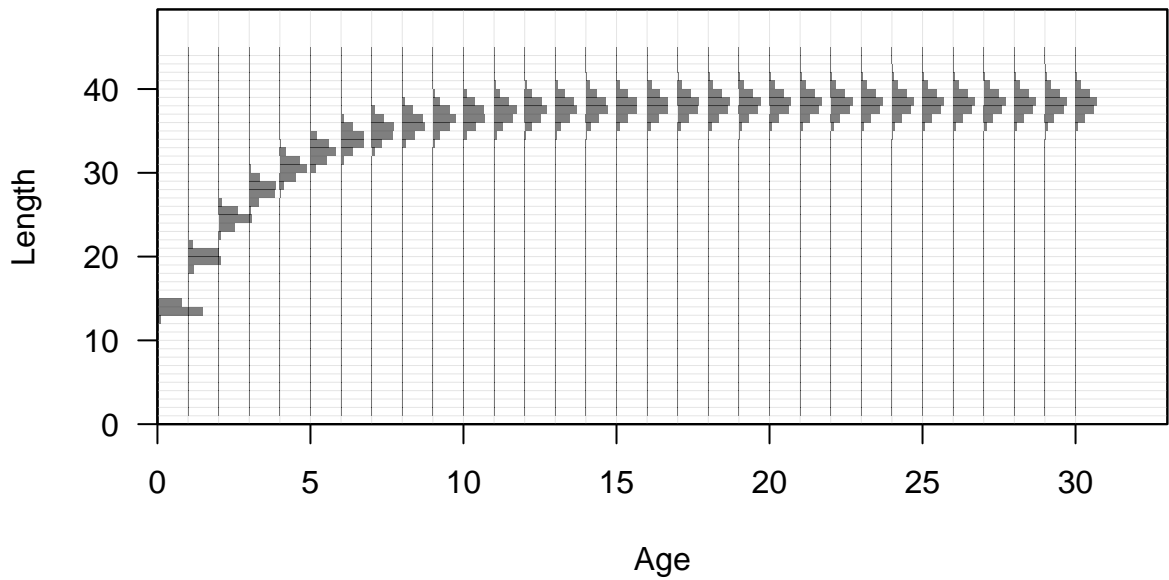


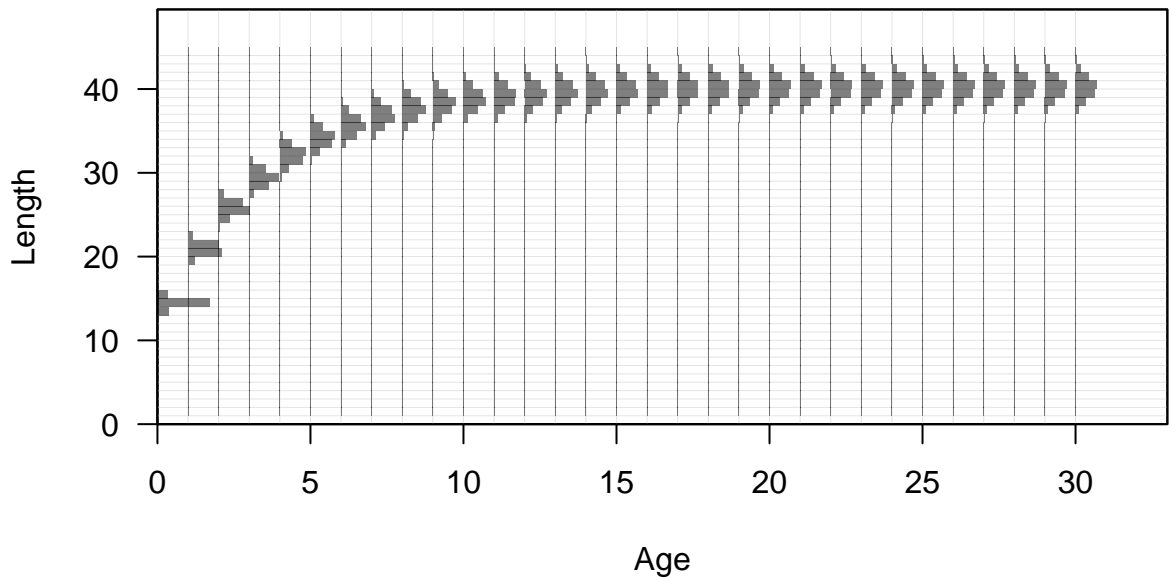


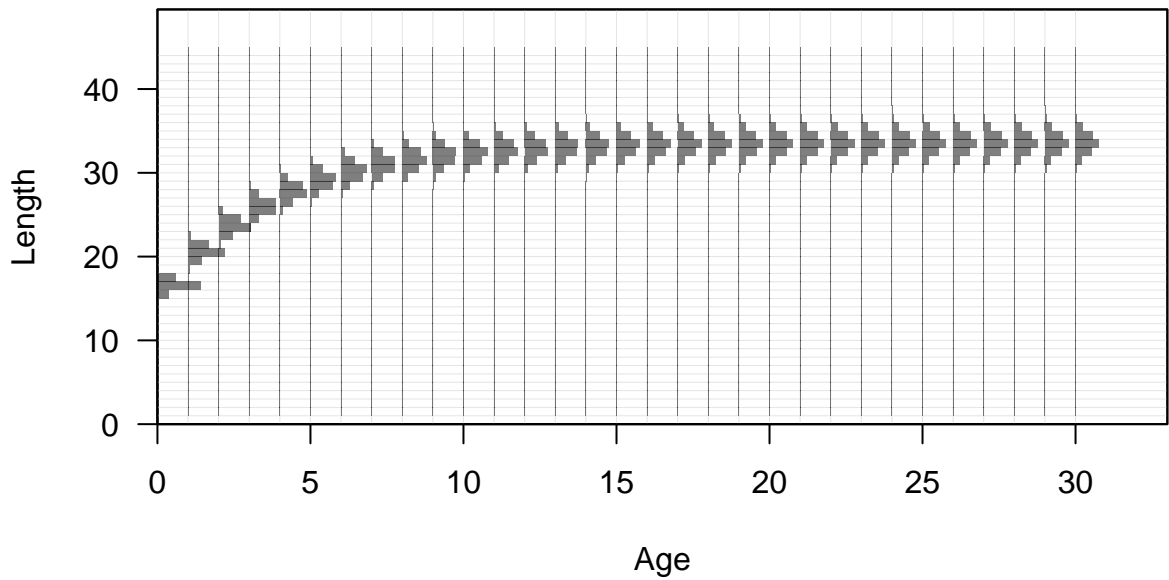


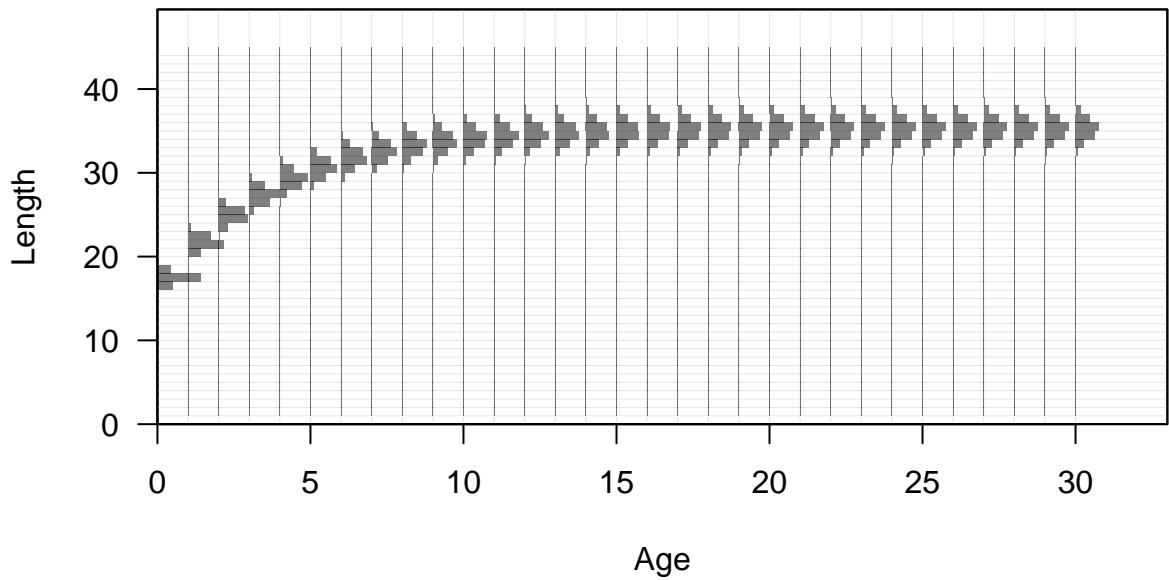


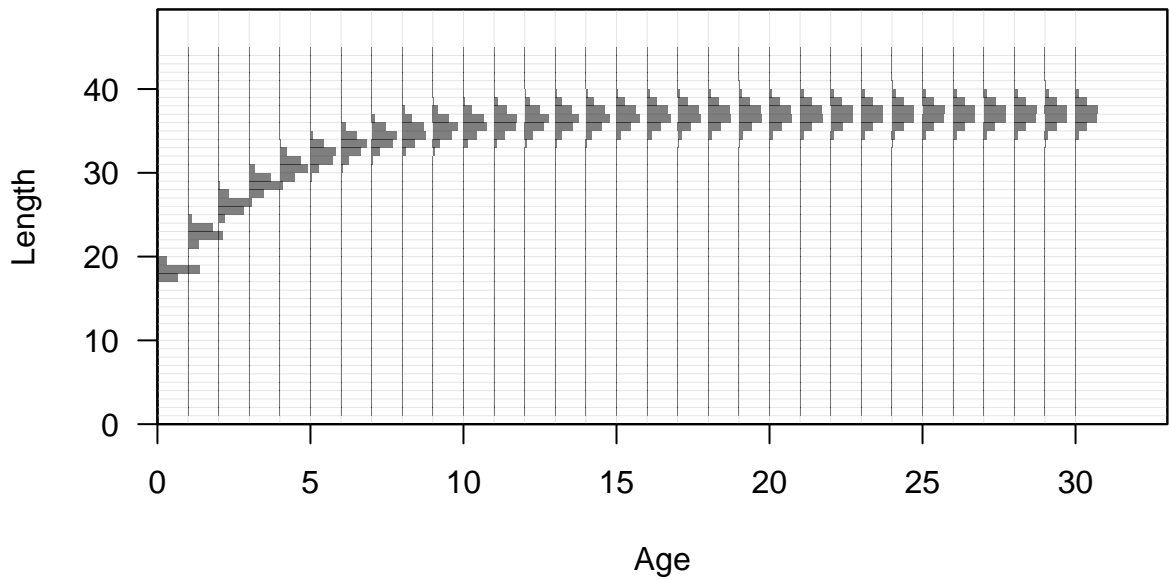


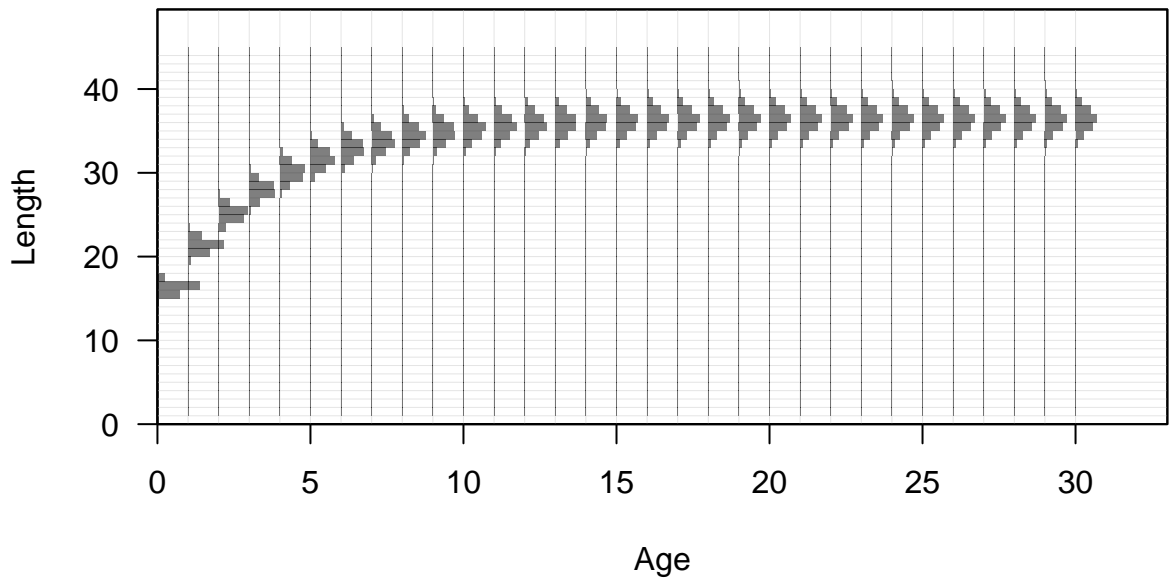


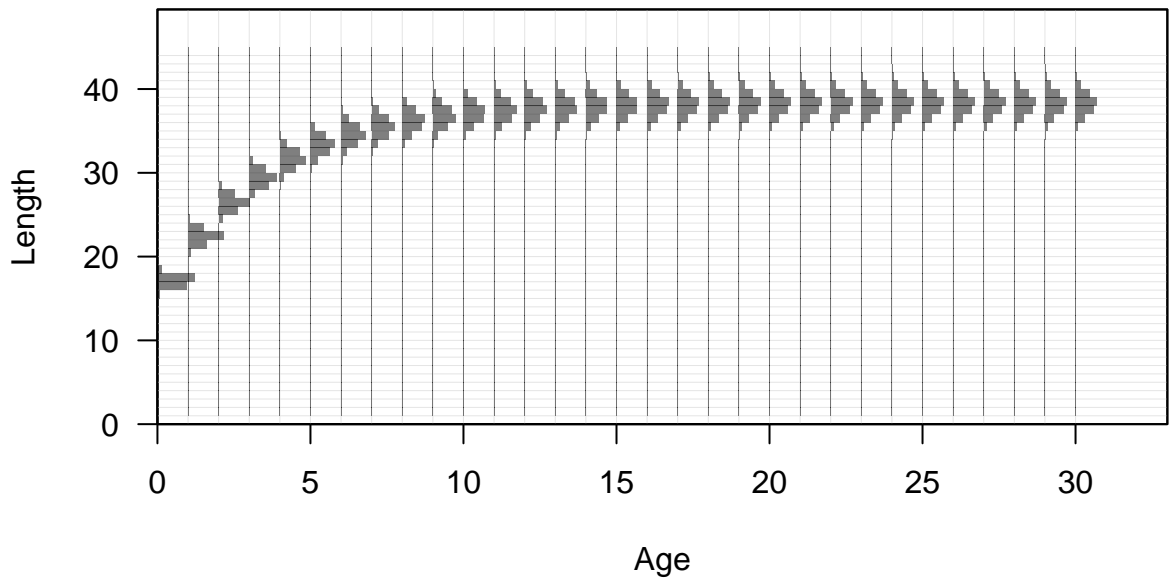


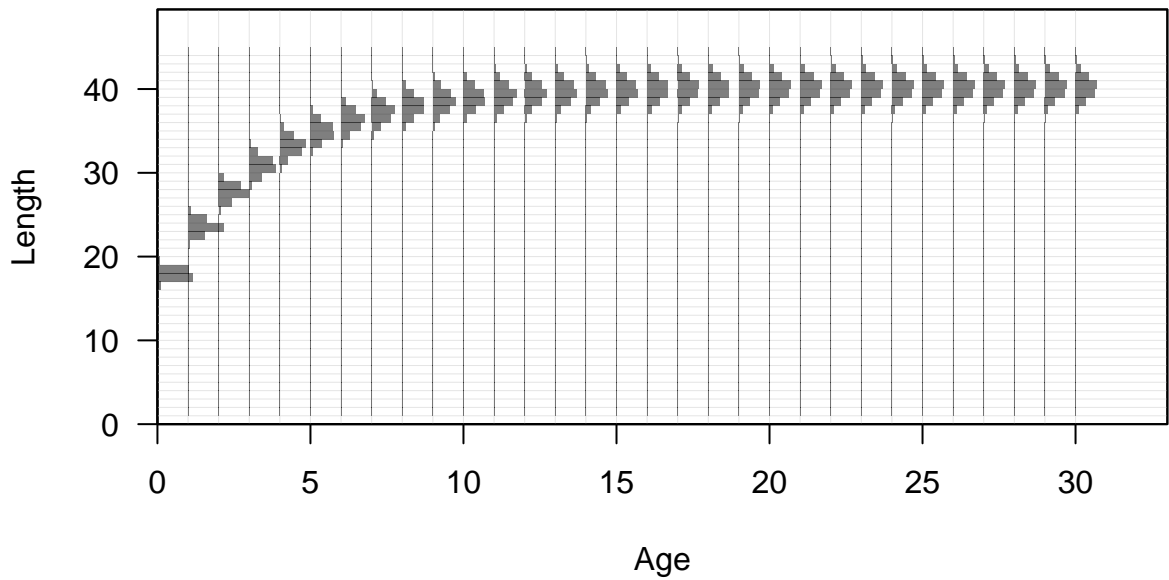














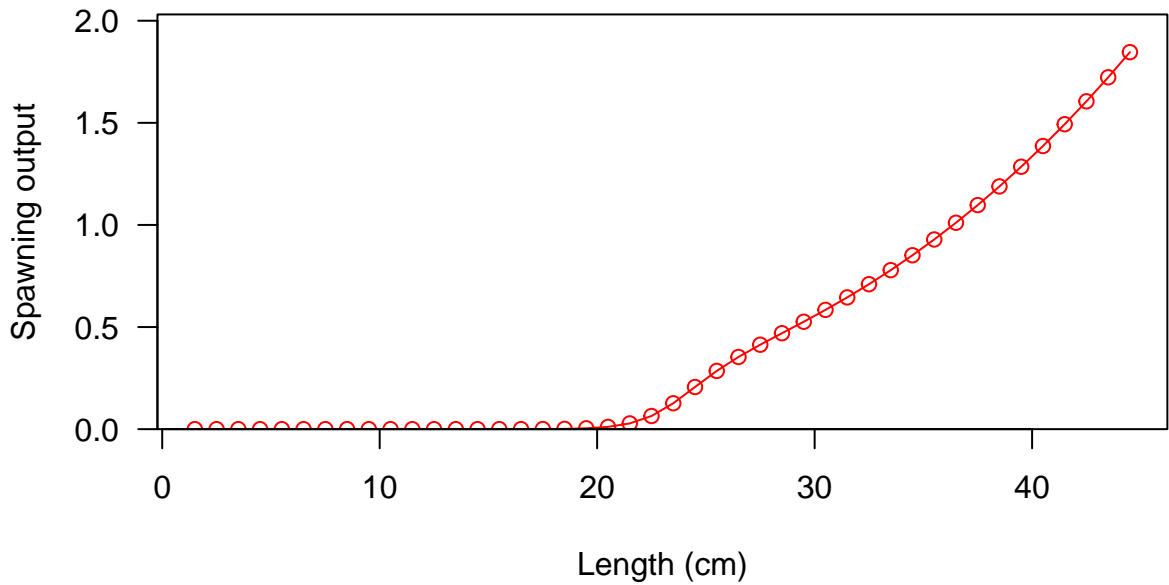




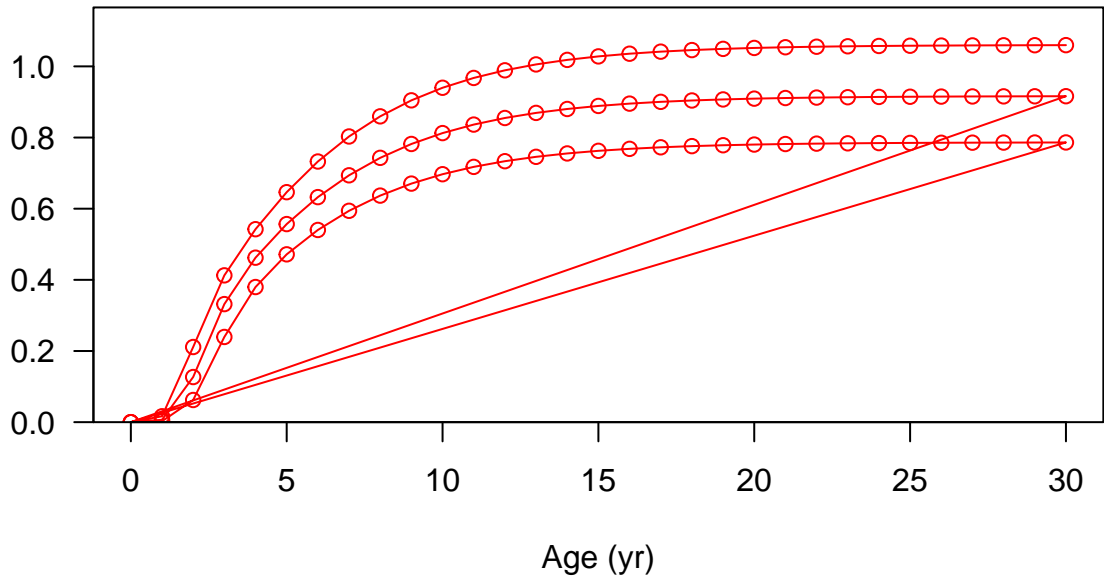




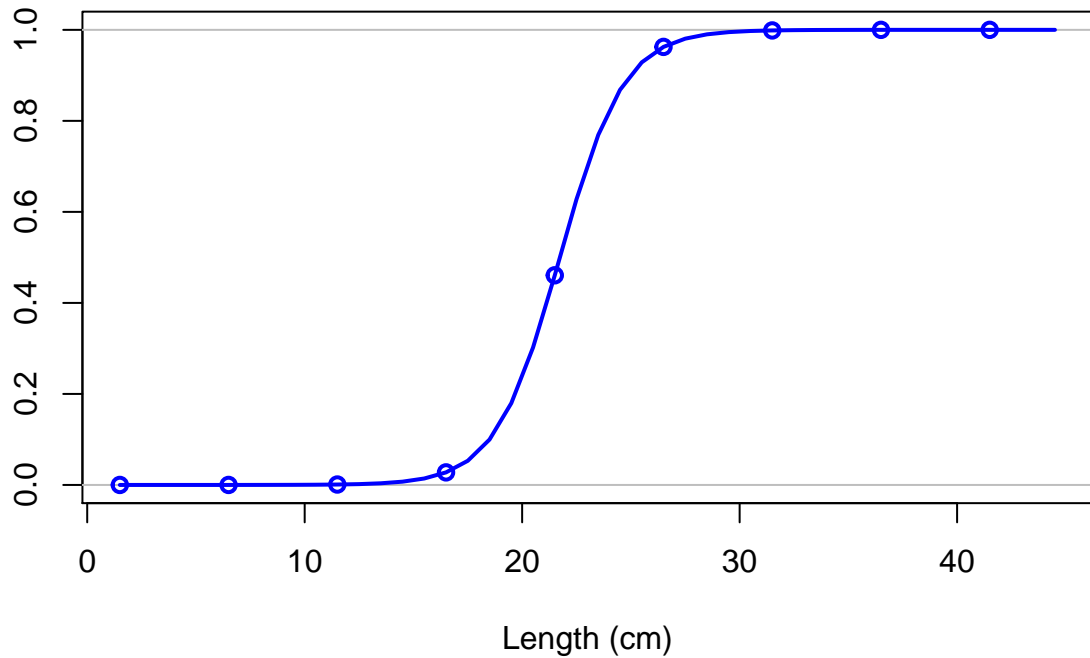




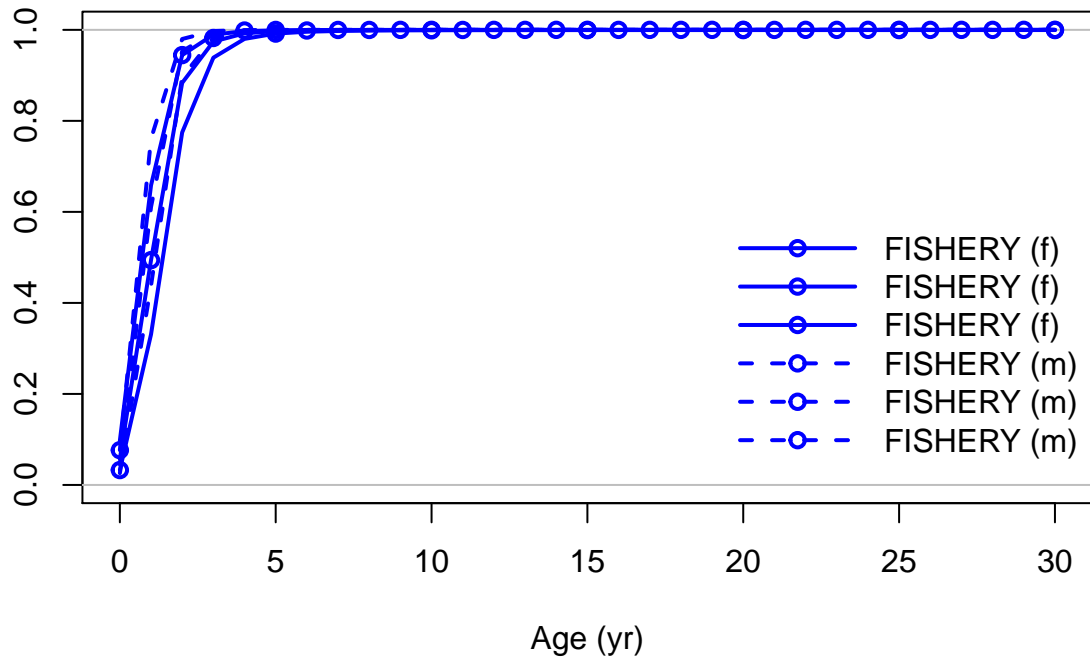
Spawning output



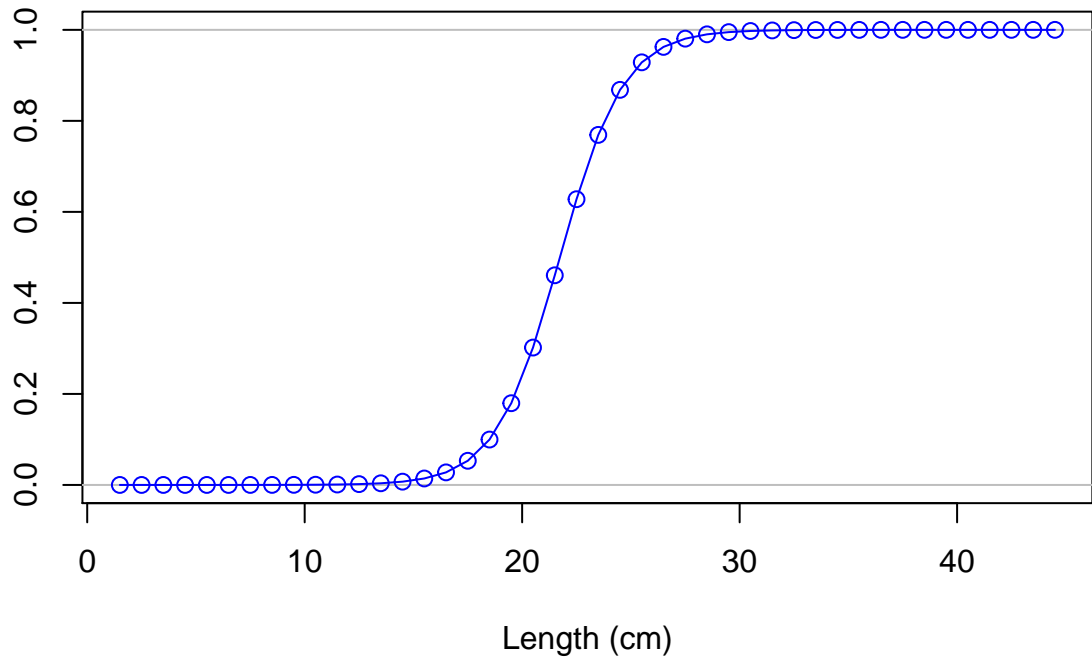
Selectivity



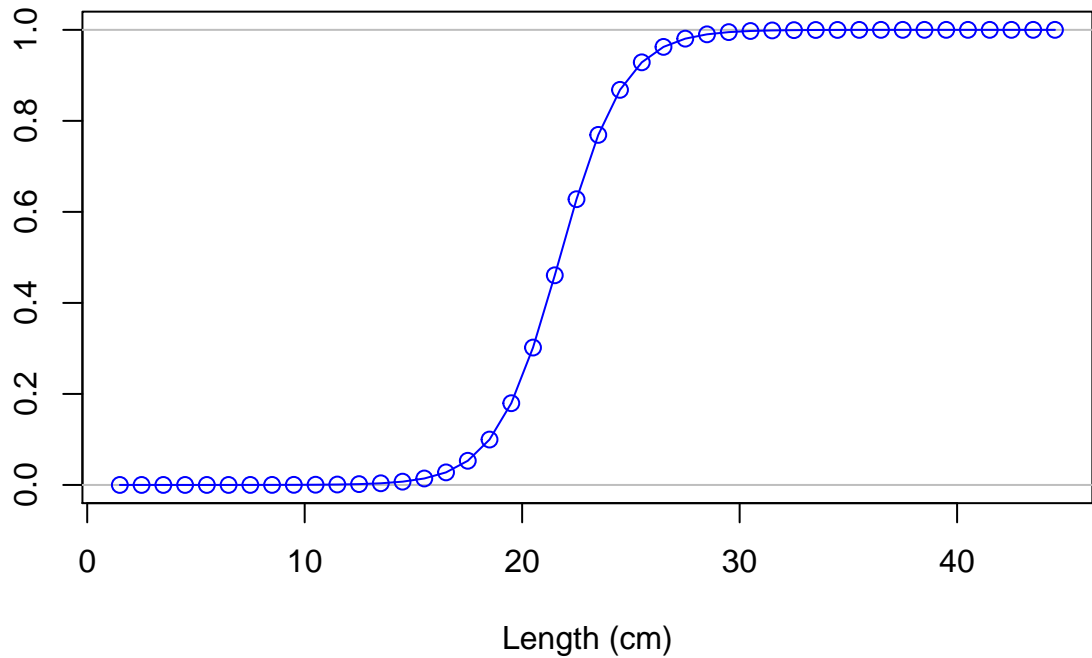
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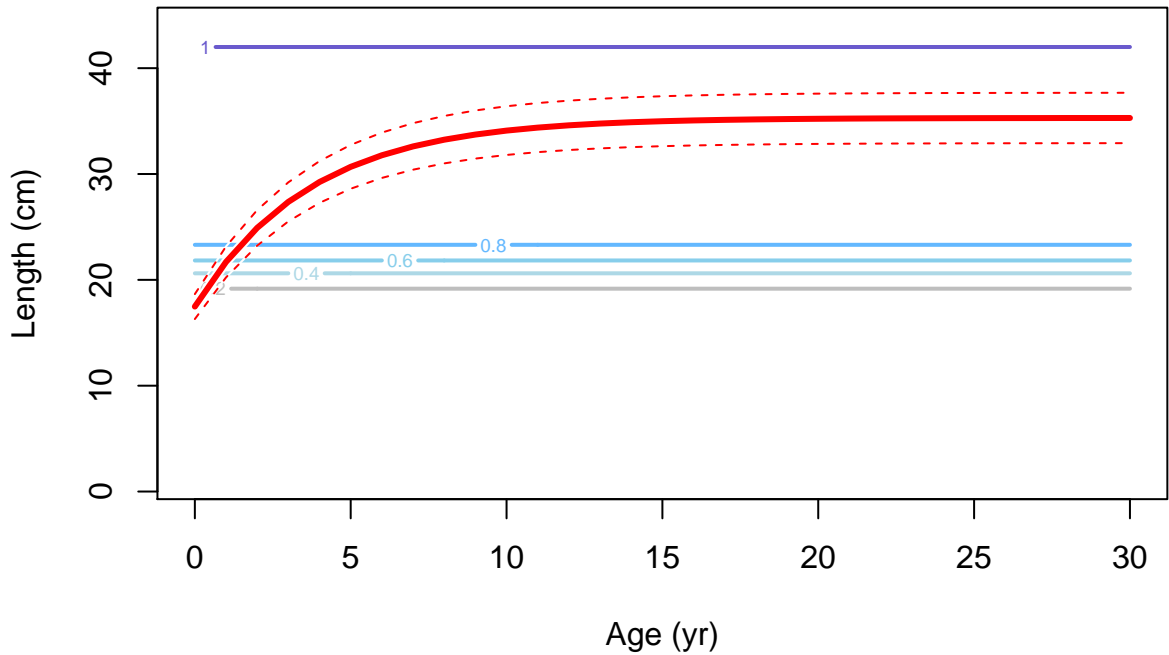


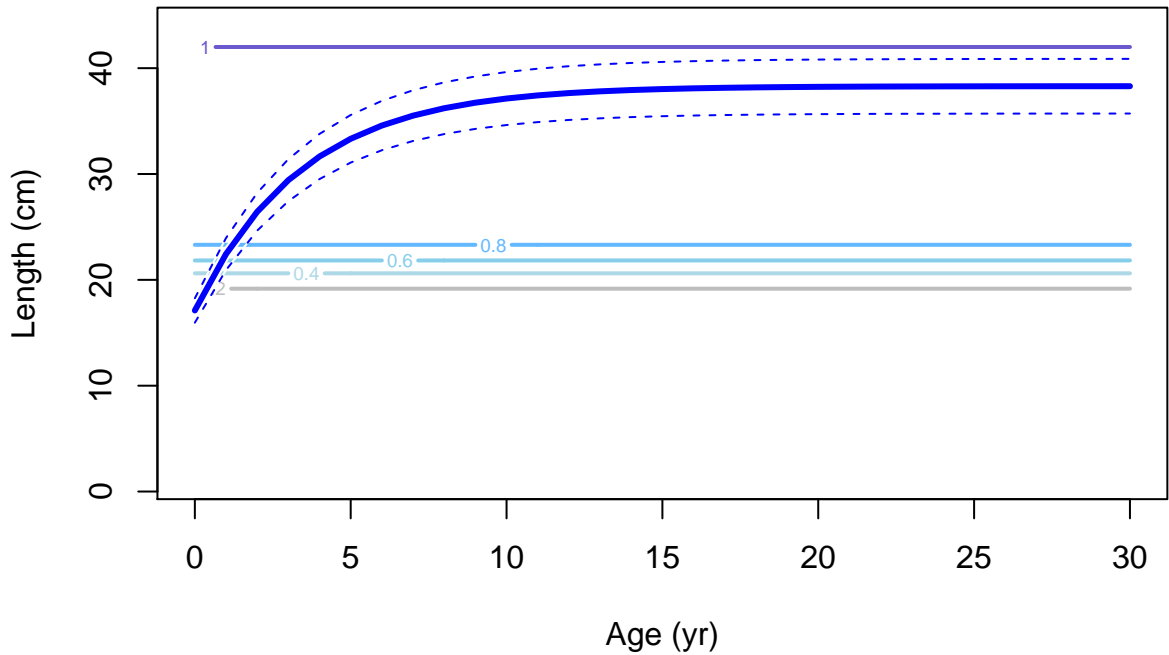
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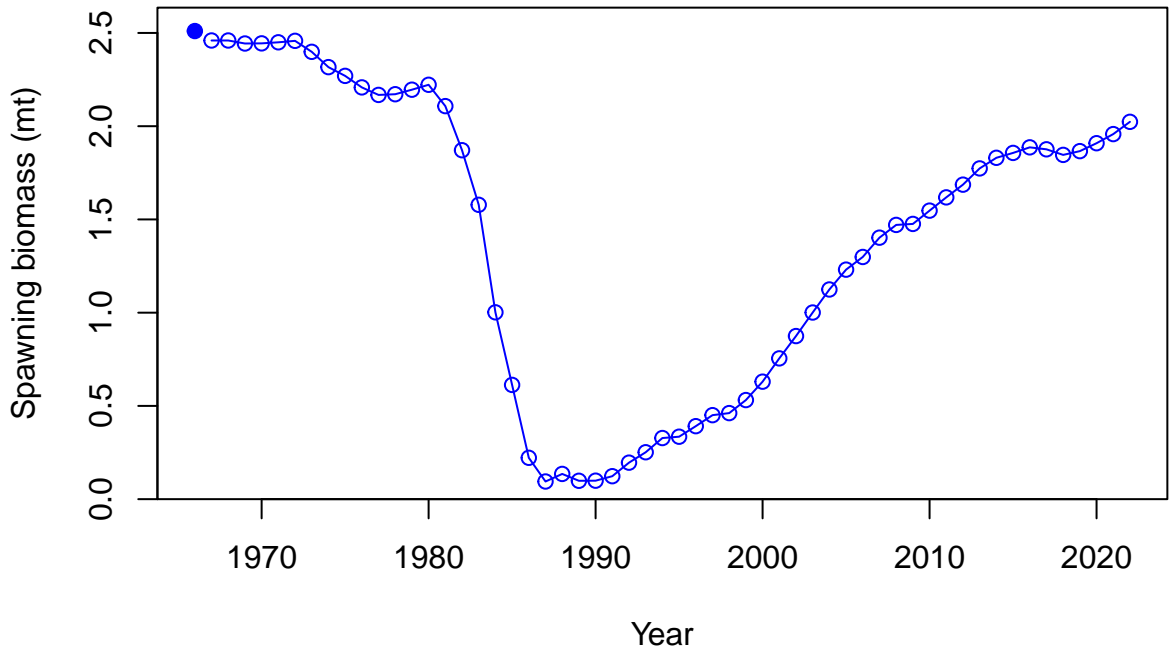


Selectivity

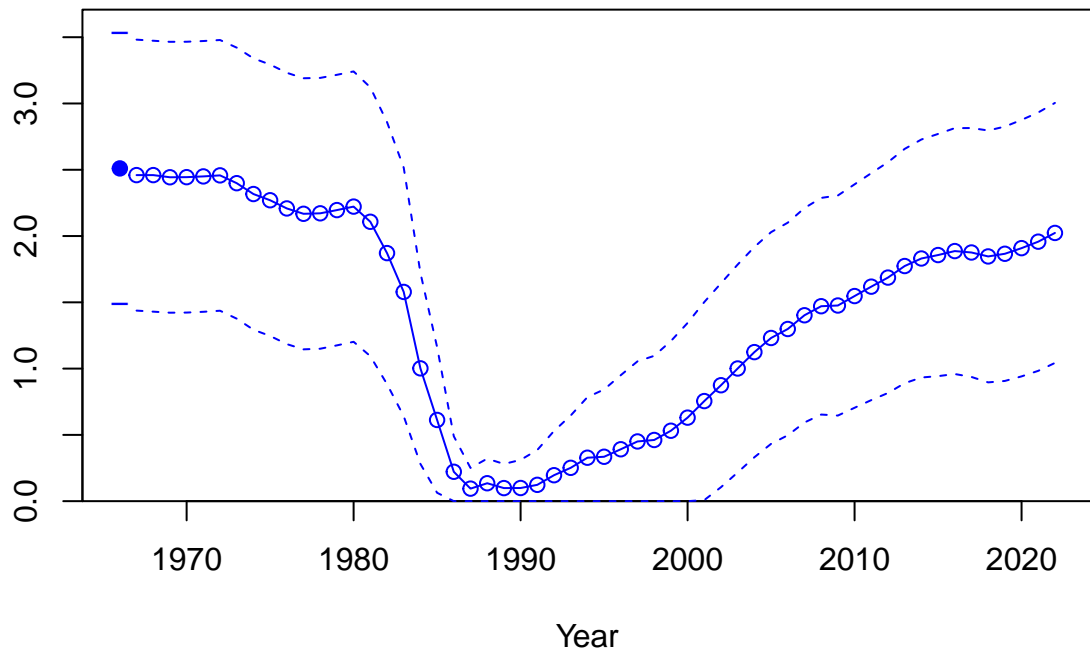




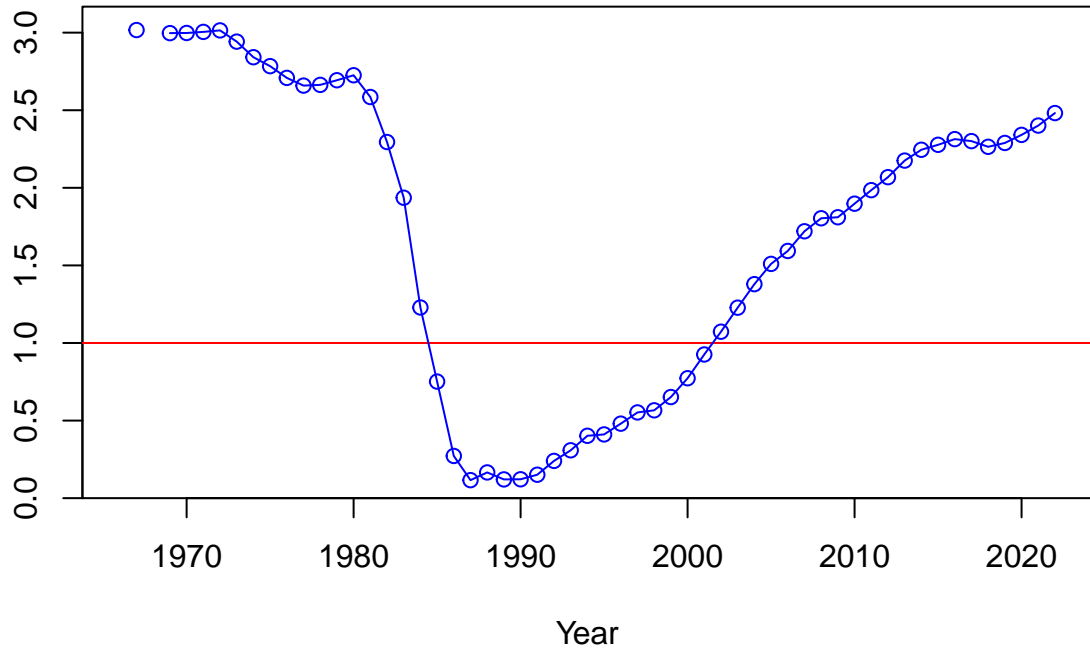




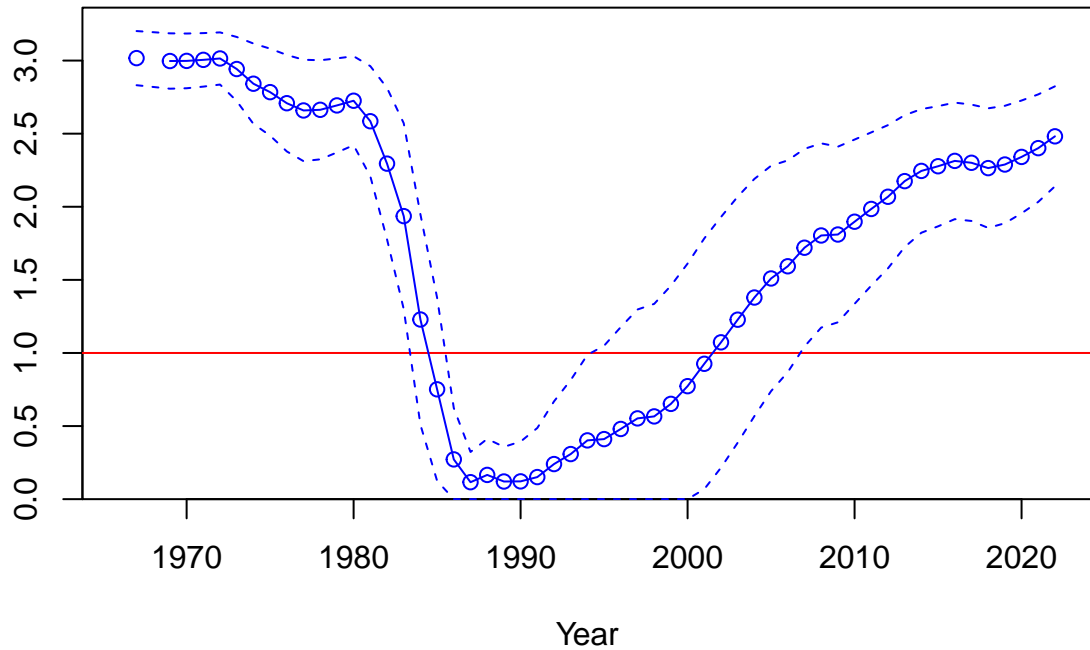
Spawning biomass (mt)

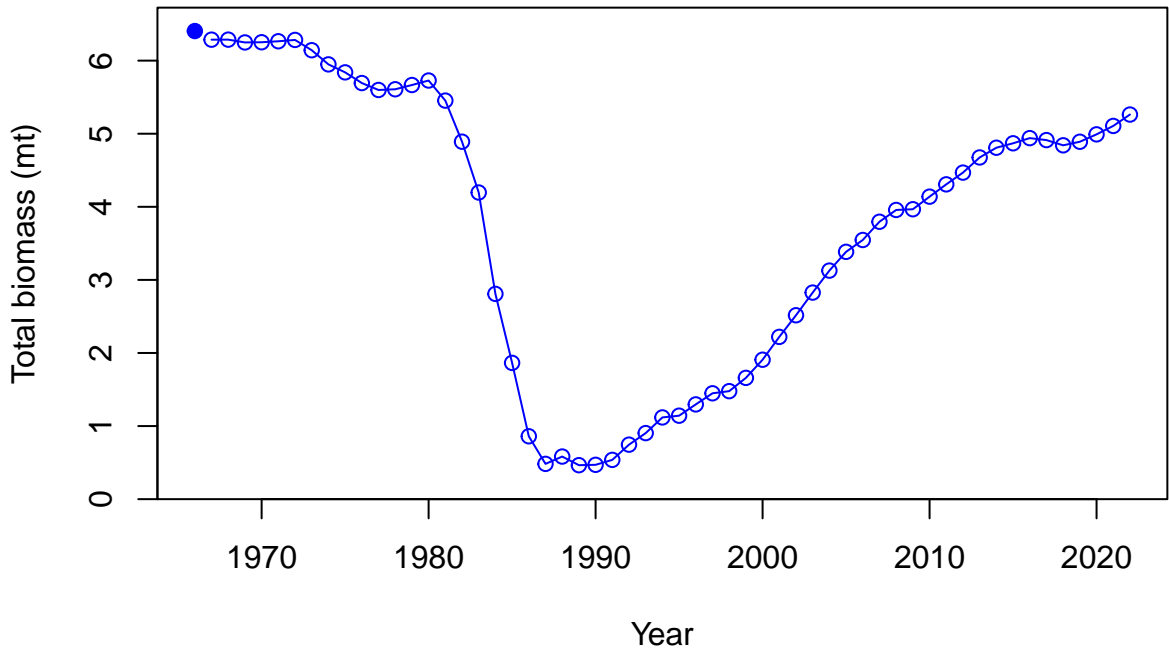


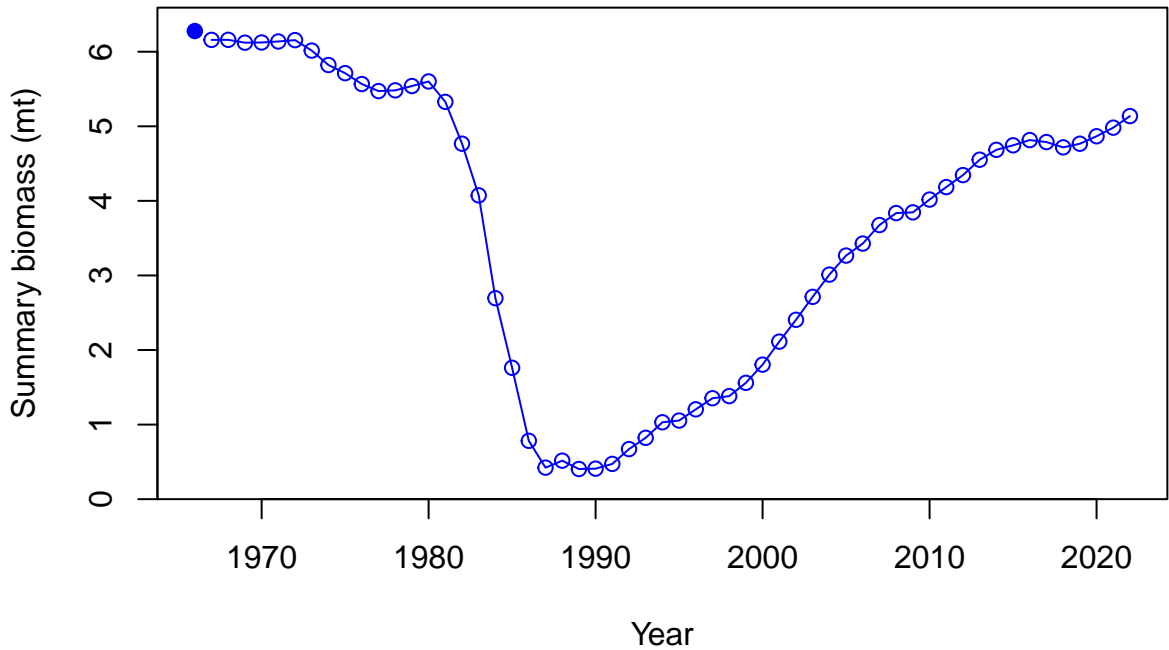
Relative spawning biomass: B/B_{MSY}

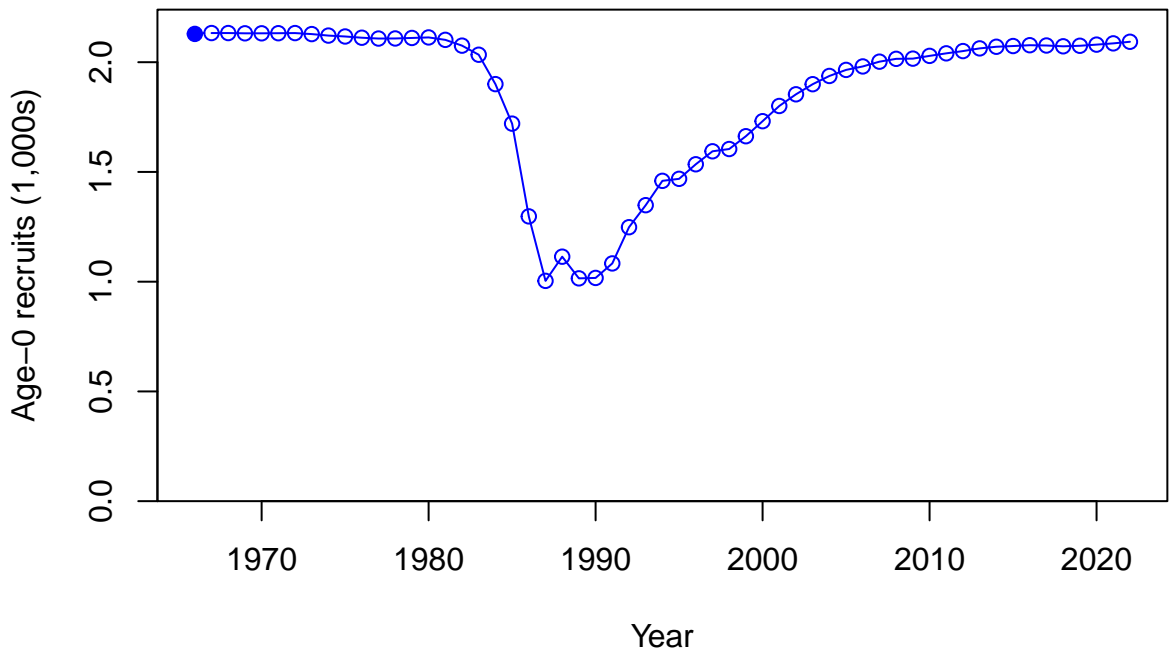


Relative spawning biomass: B/B_{MSY}

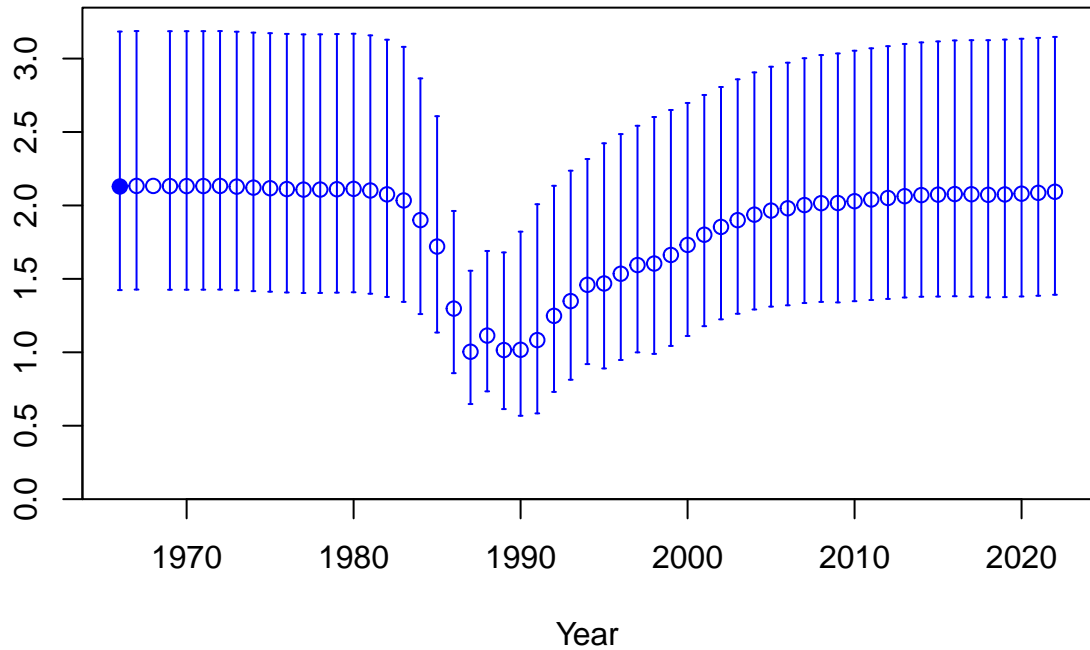




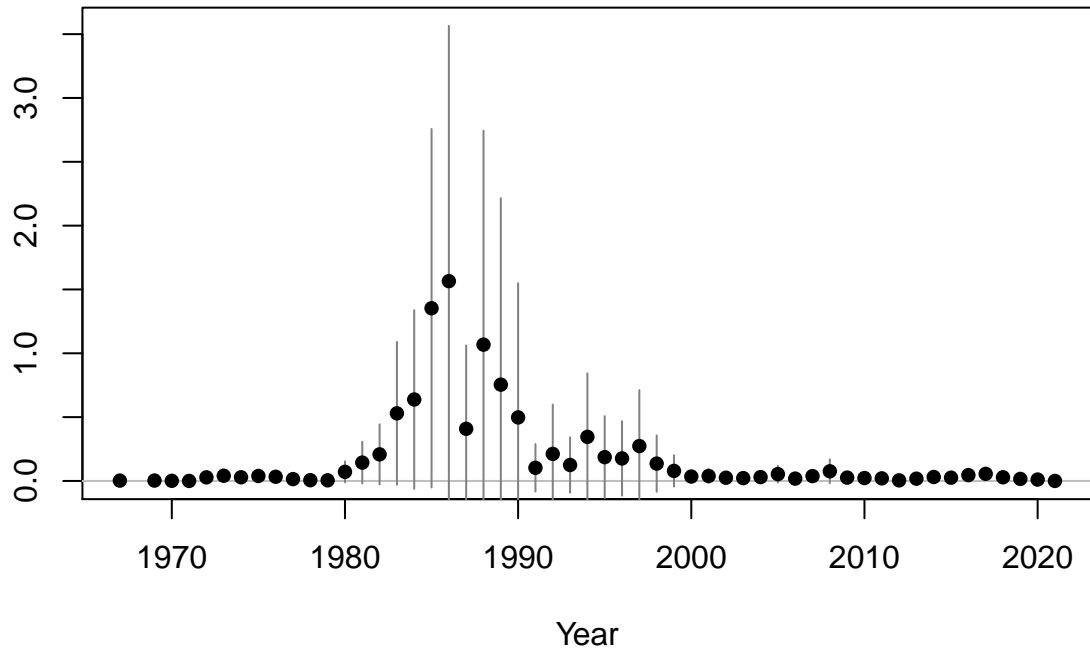


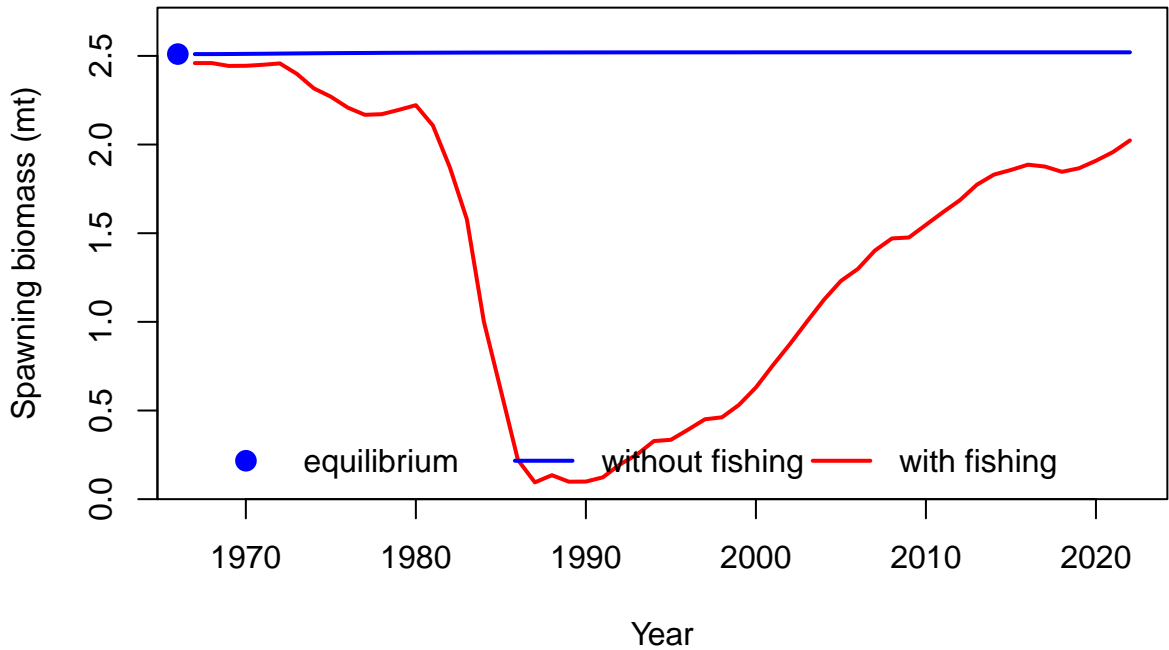


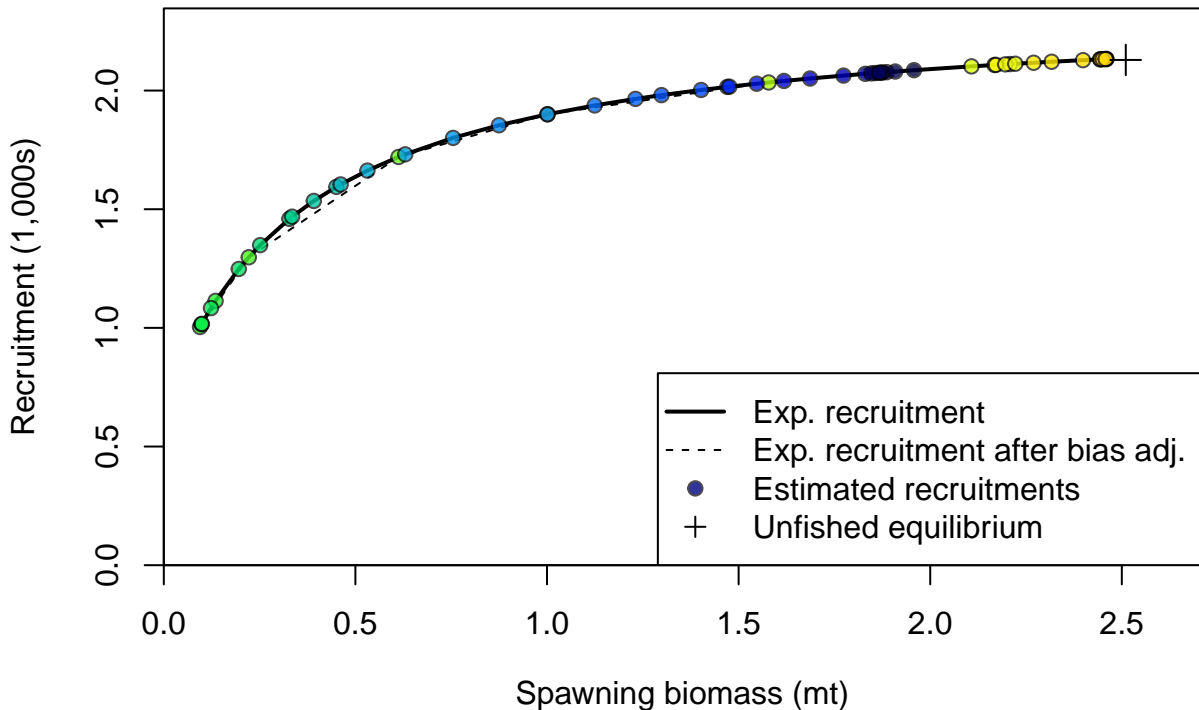
Age-0 recruits (1,000s)

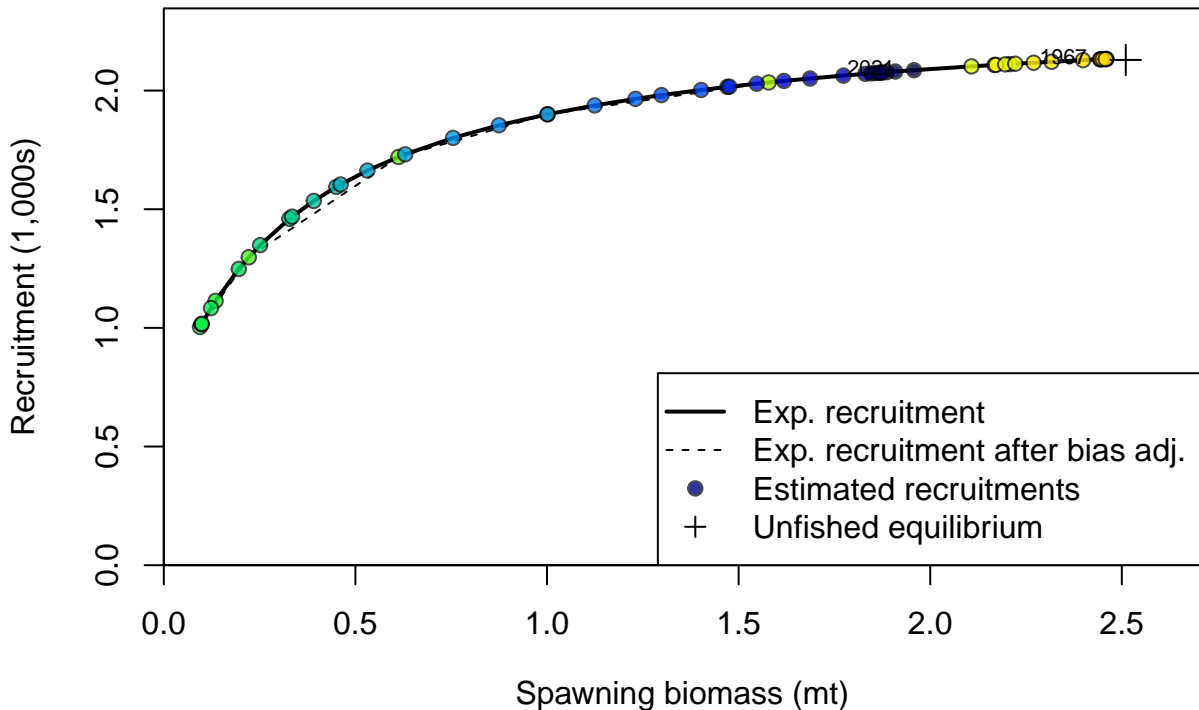


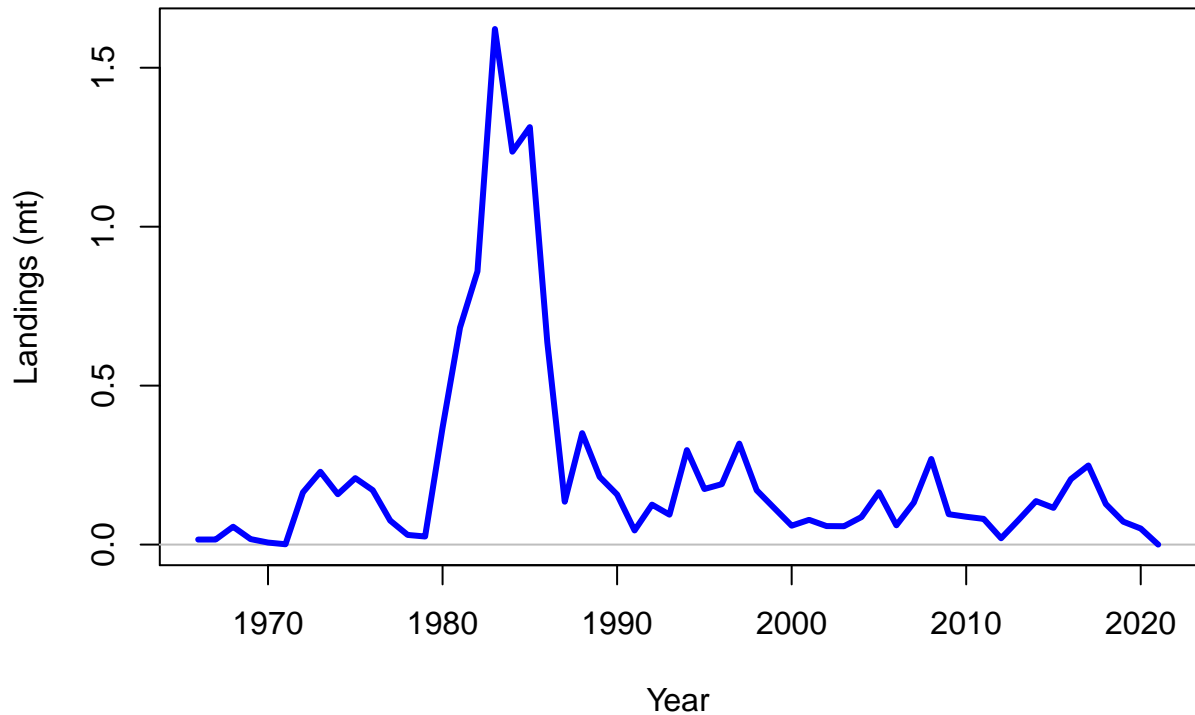
Summary Fishing Mortality

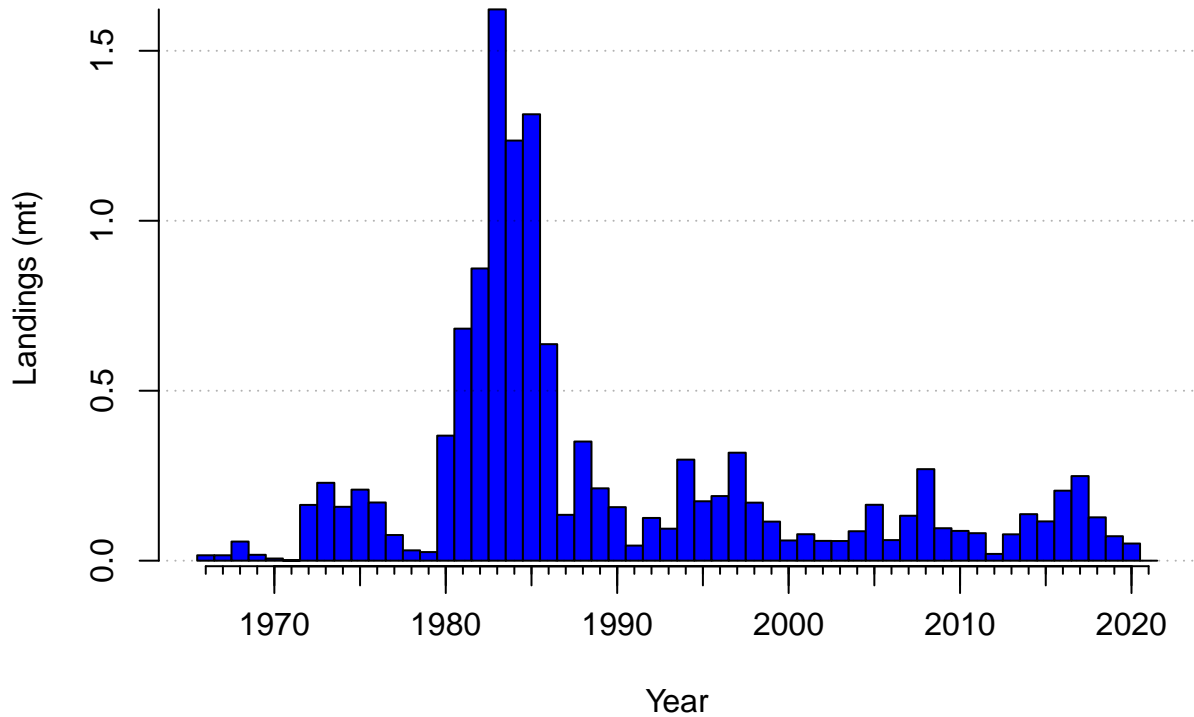


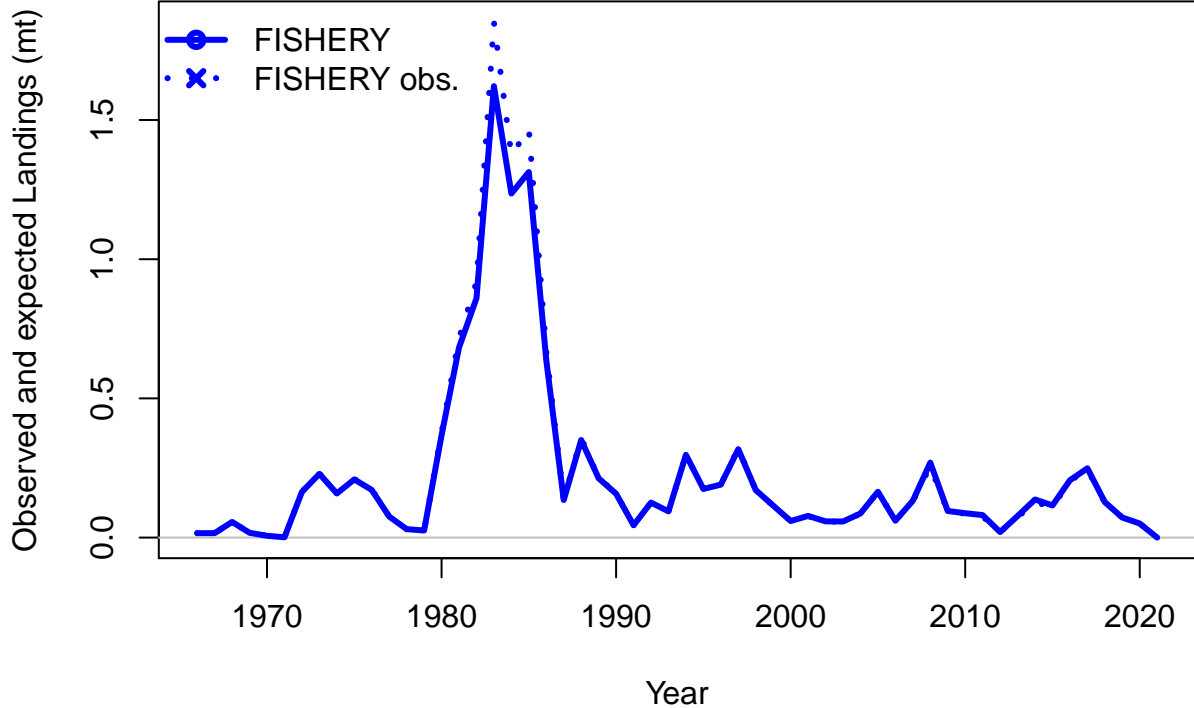


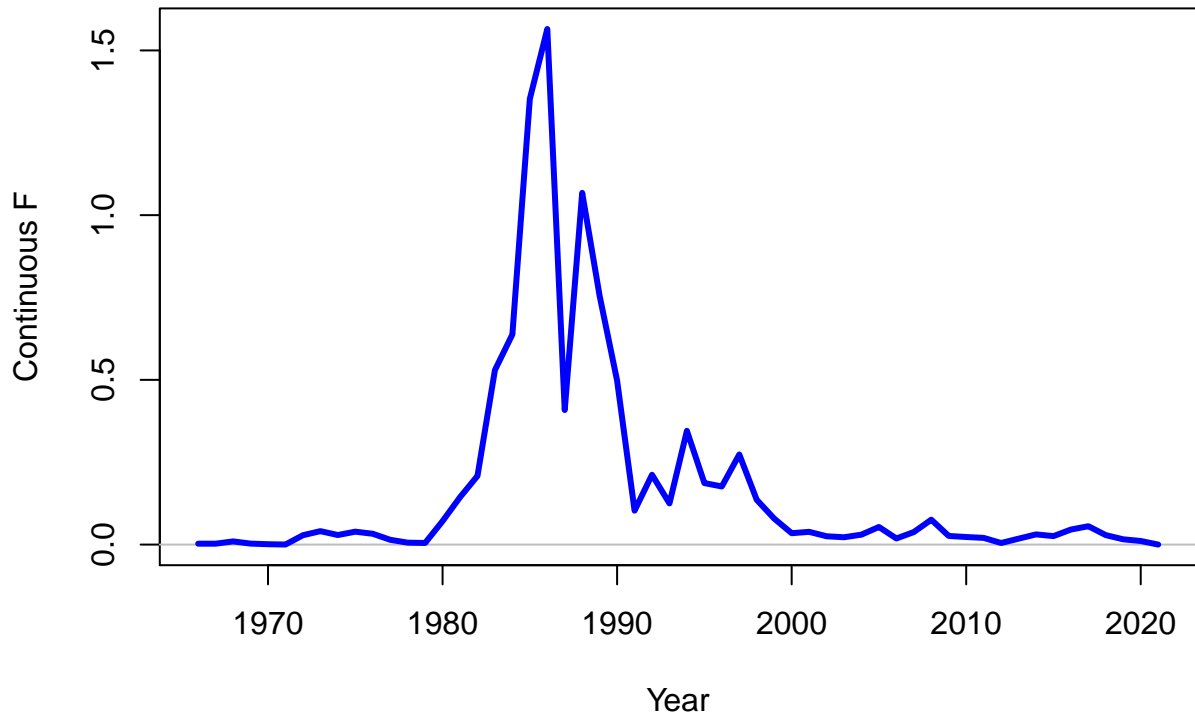




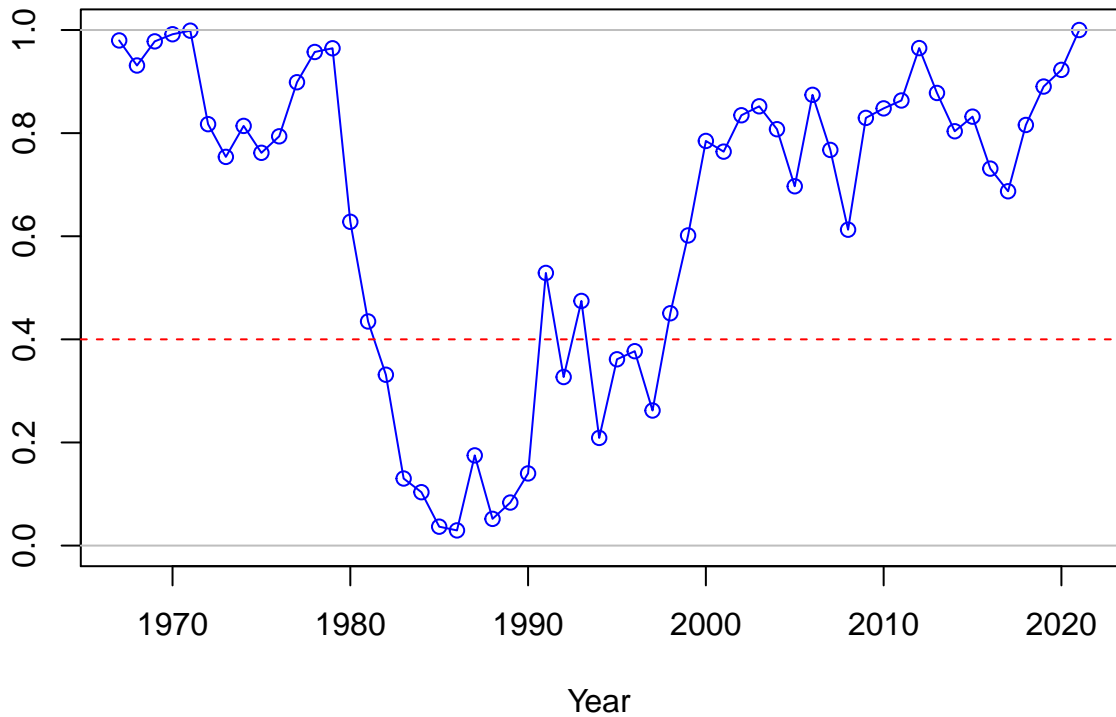




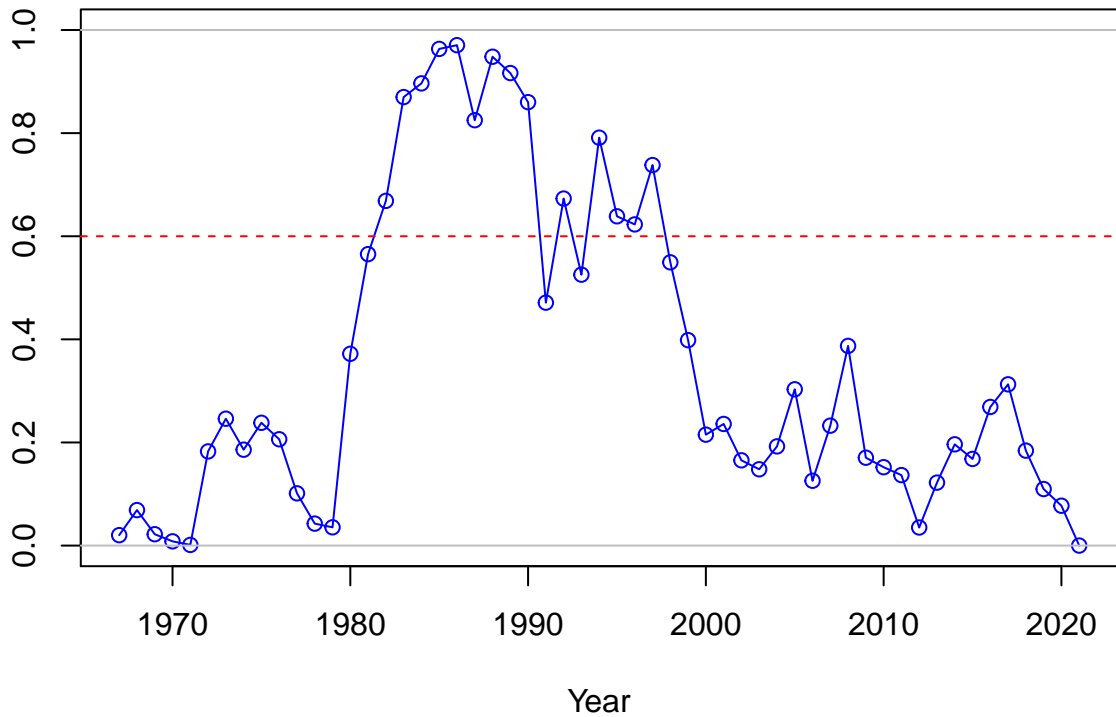




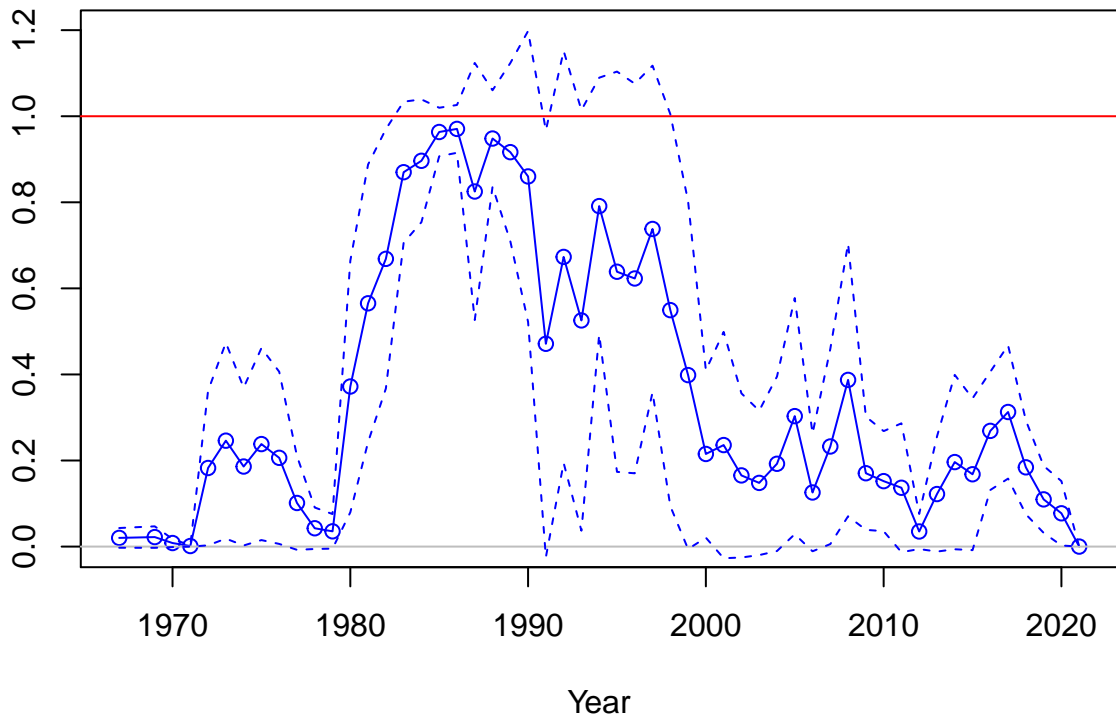
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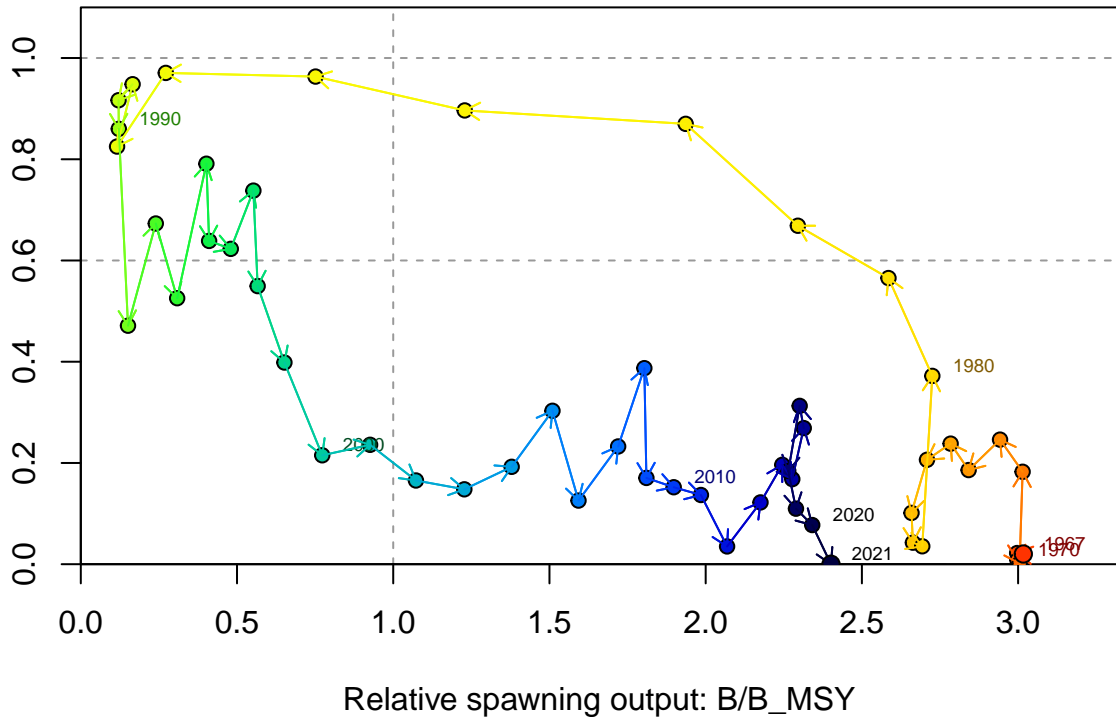
1-SPR



Fishing intensity: 1-SPR



Fishing intensity: 1-SPR



Index

1.5
1.0
0.5
0.0

2016

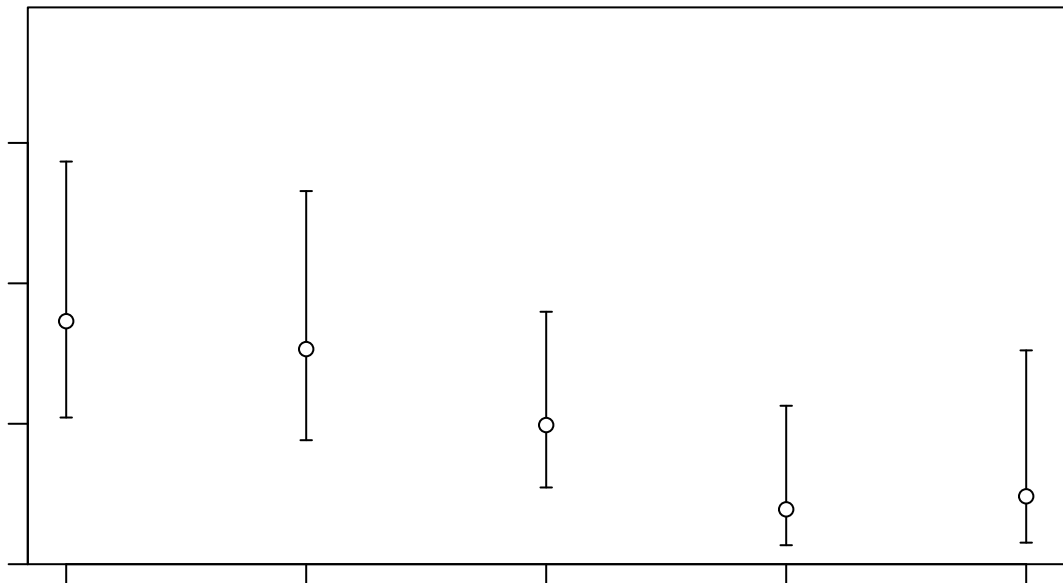
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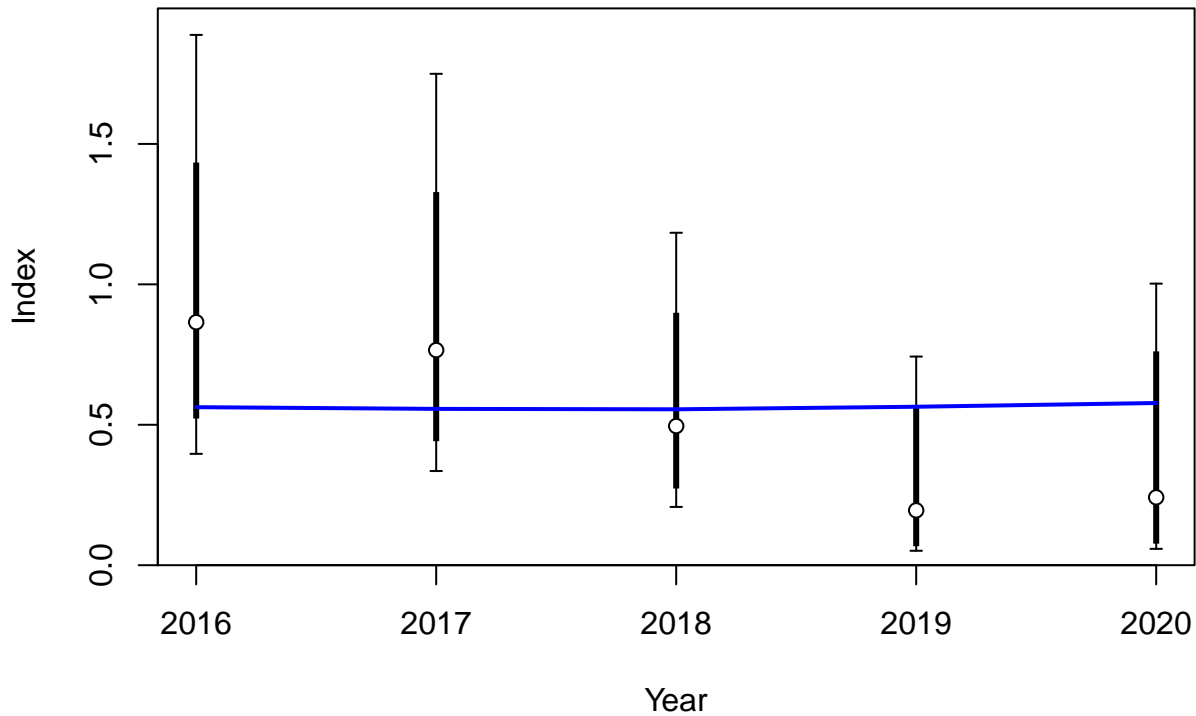
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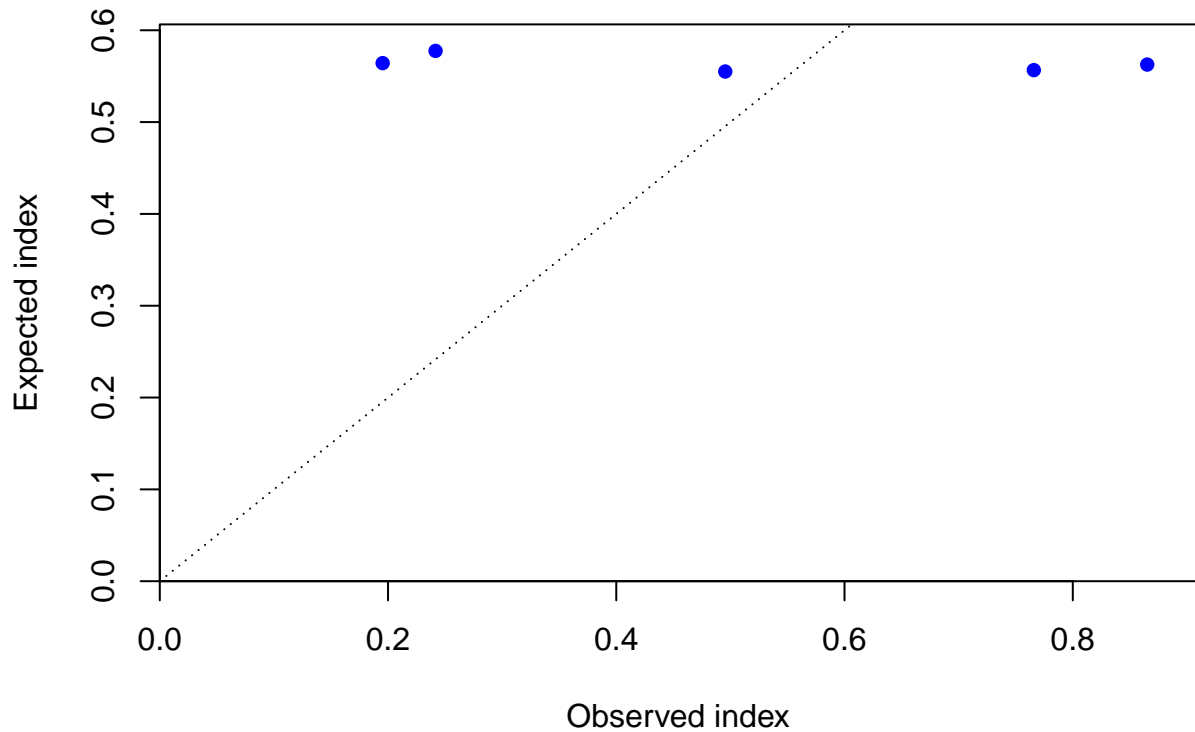
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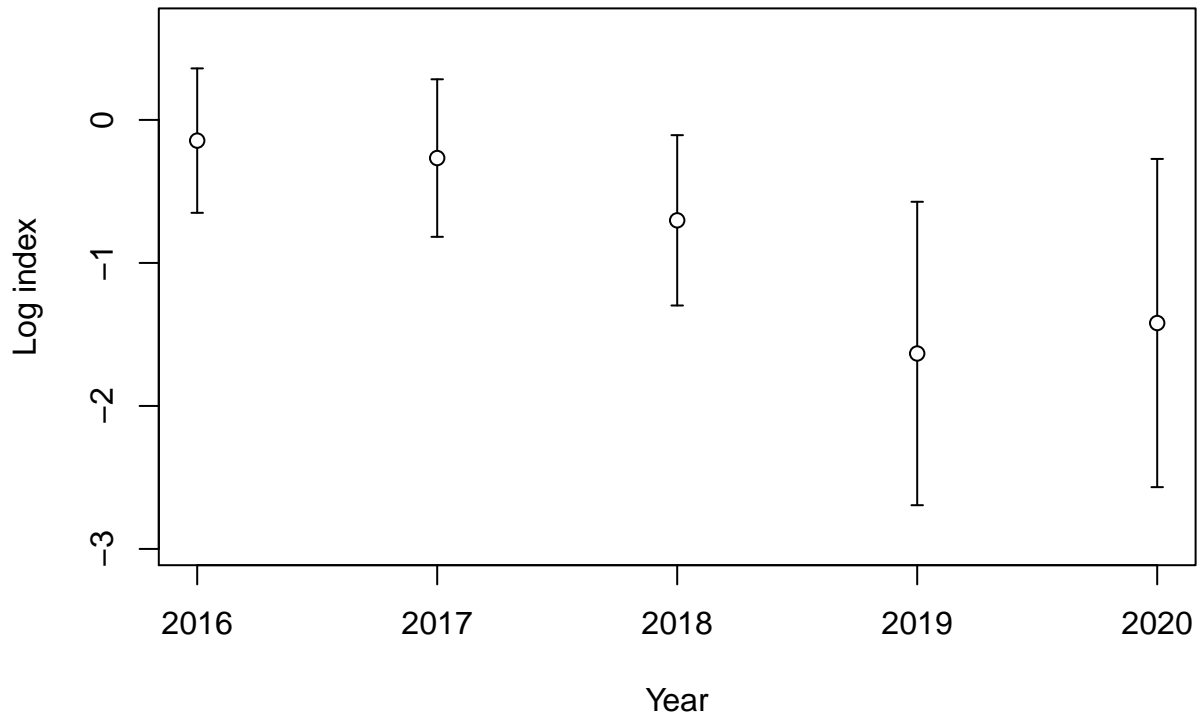
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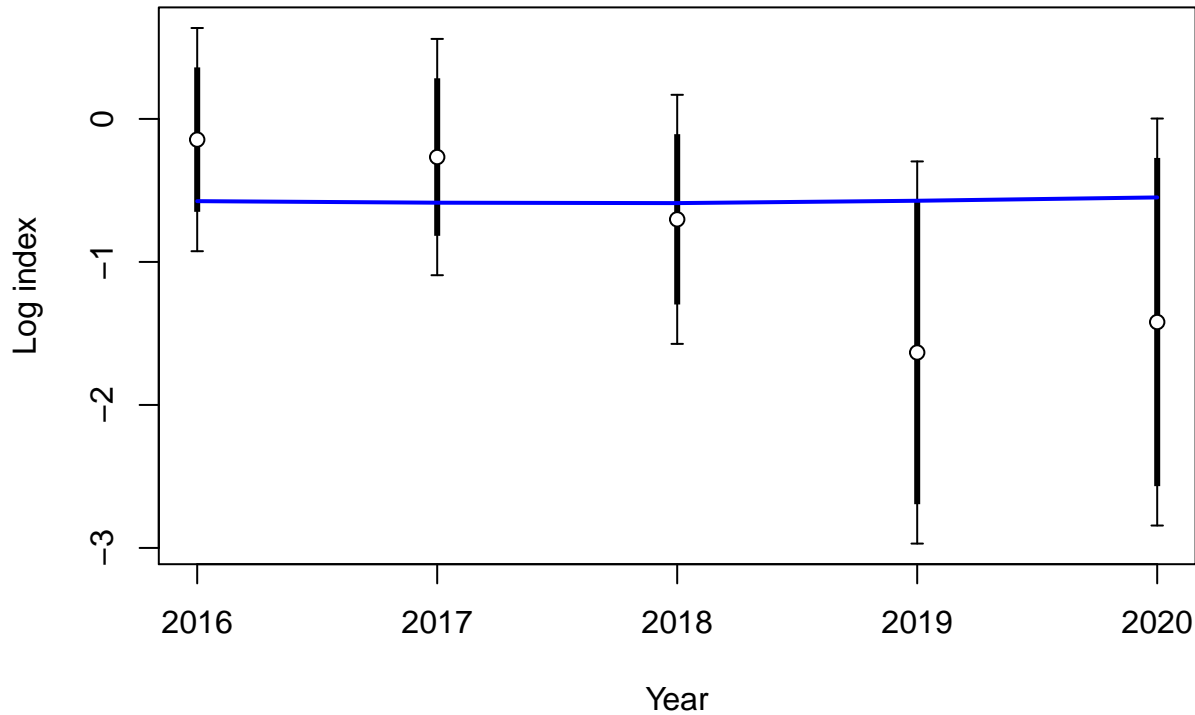
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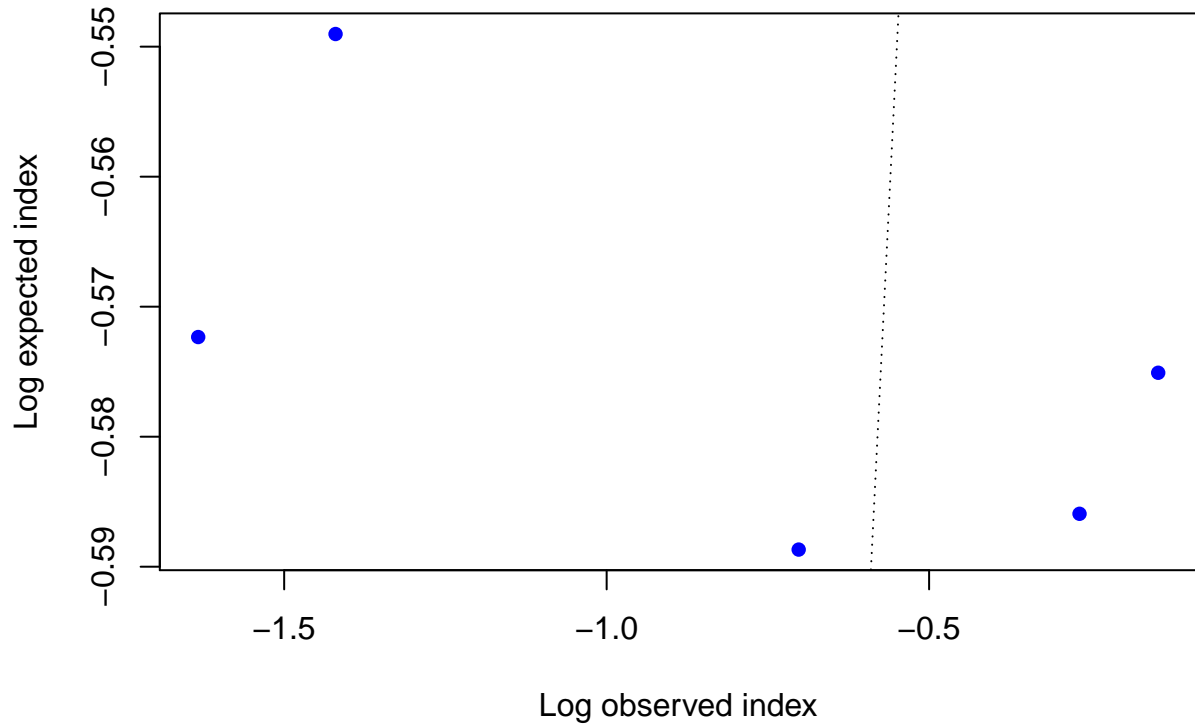


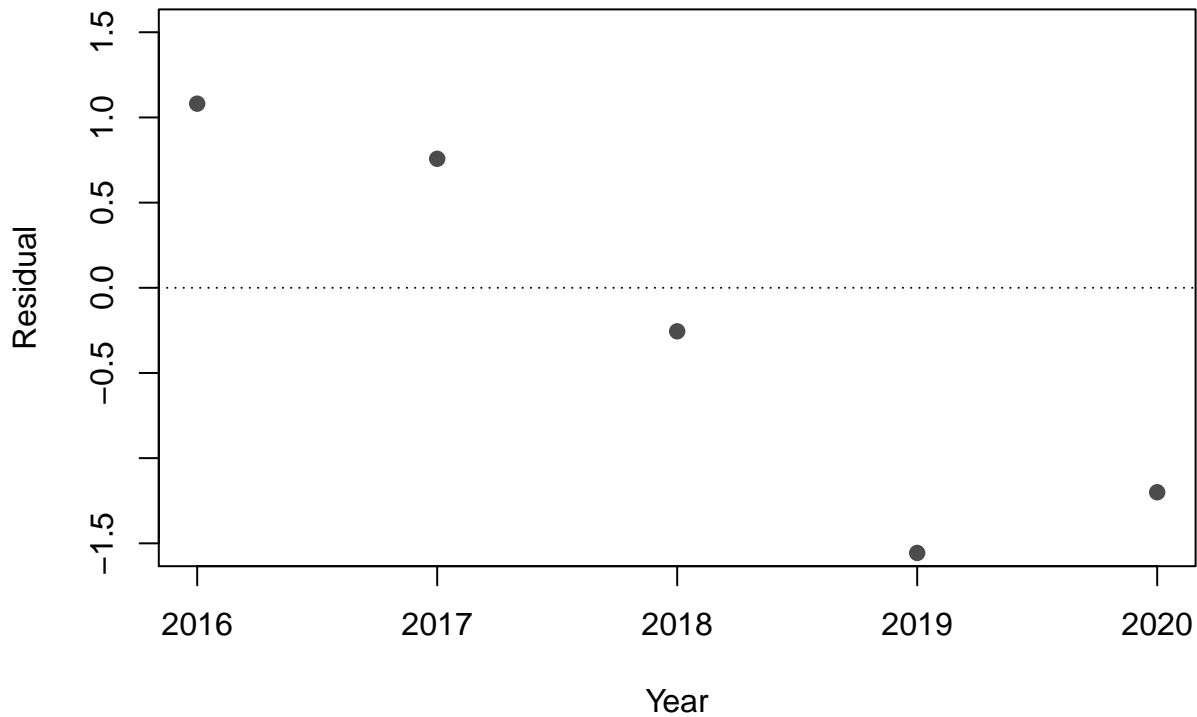




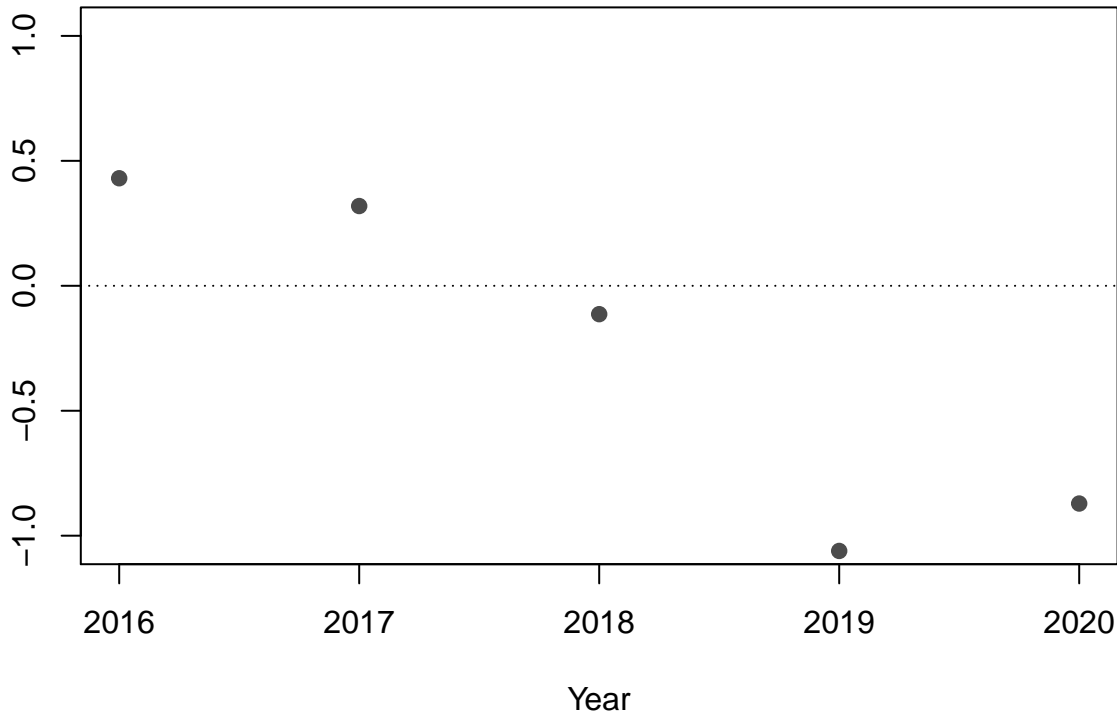




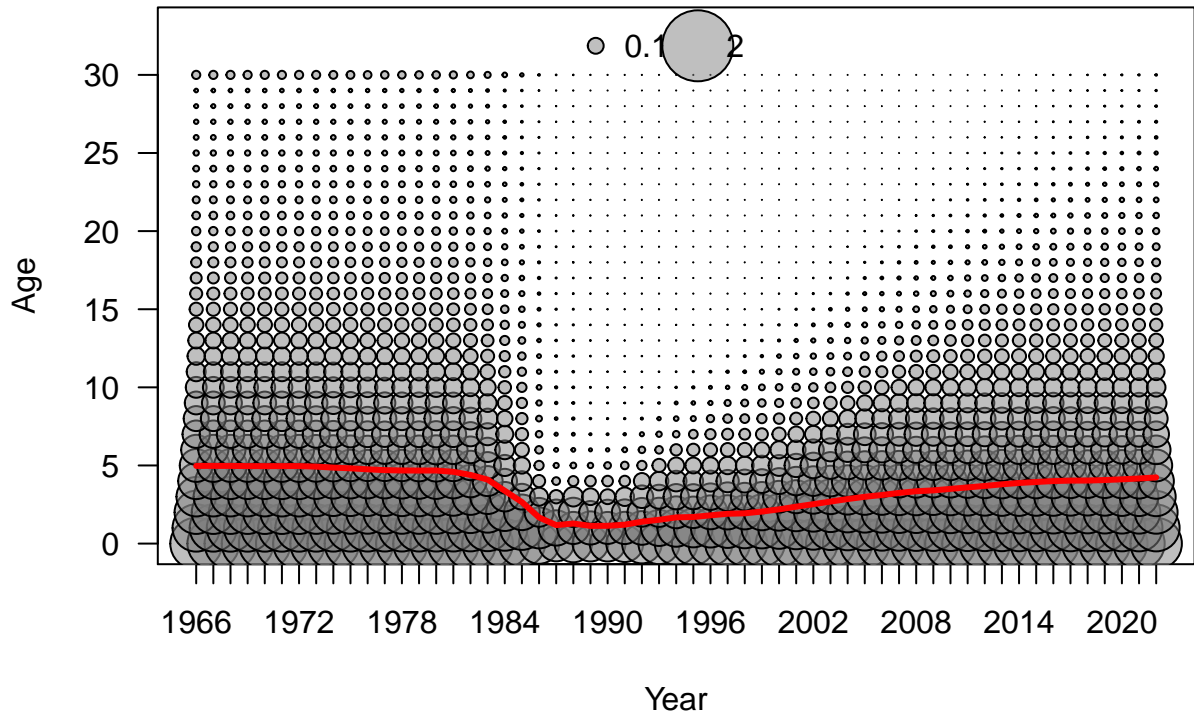


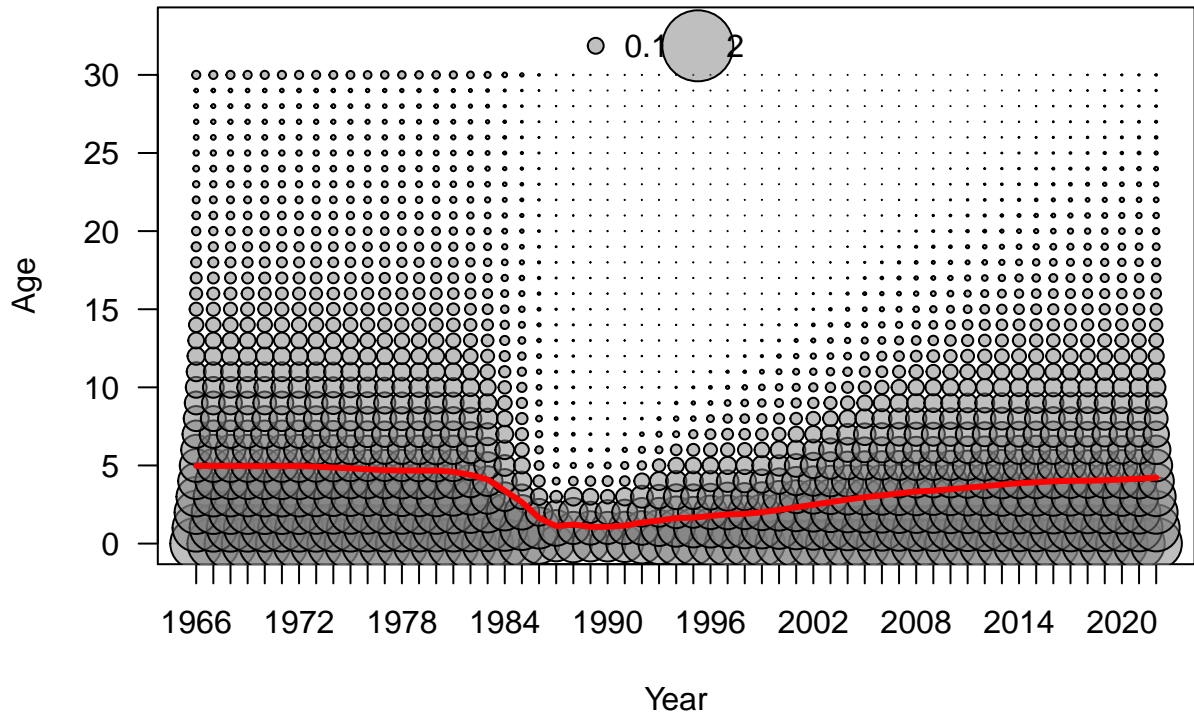


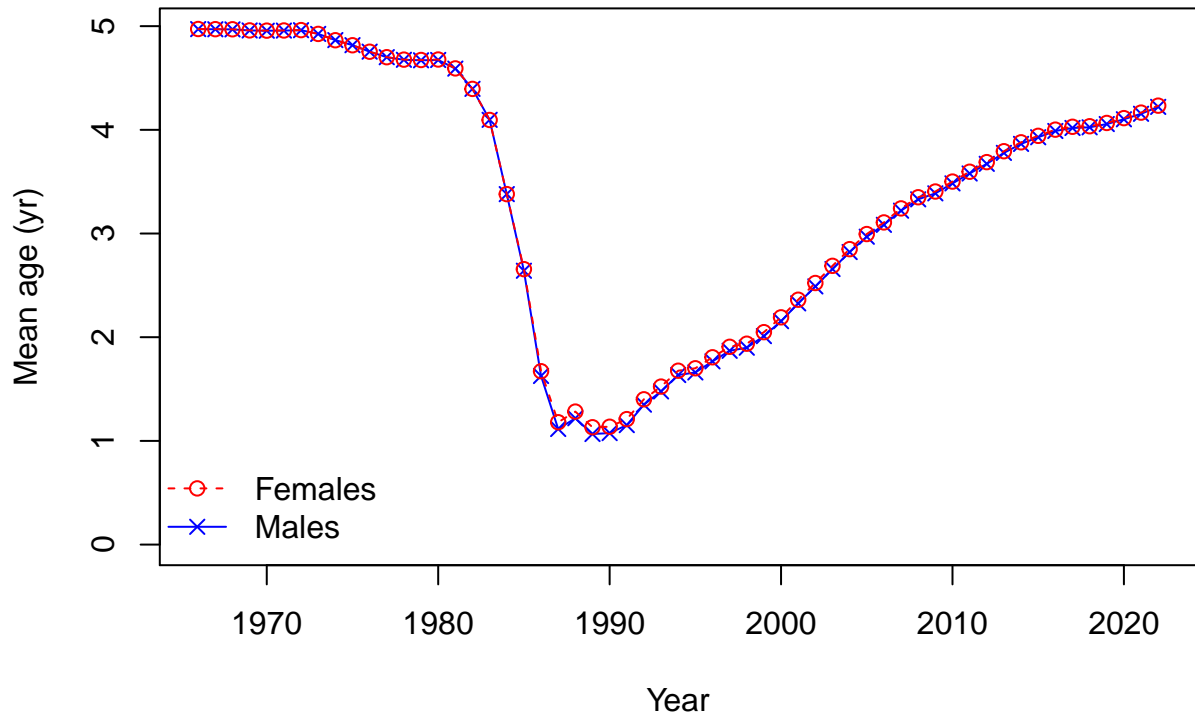
Deviation

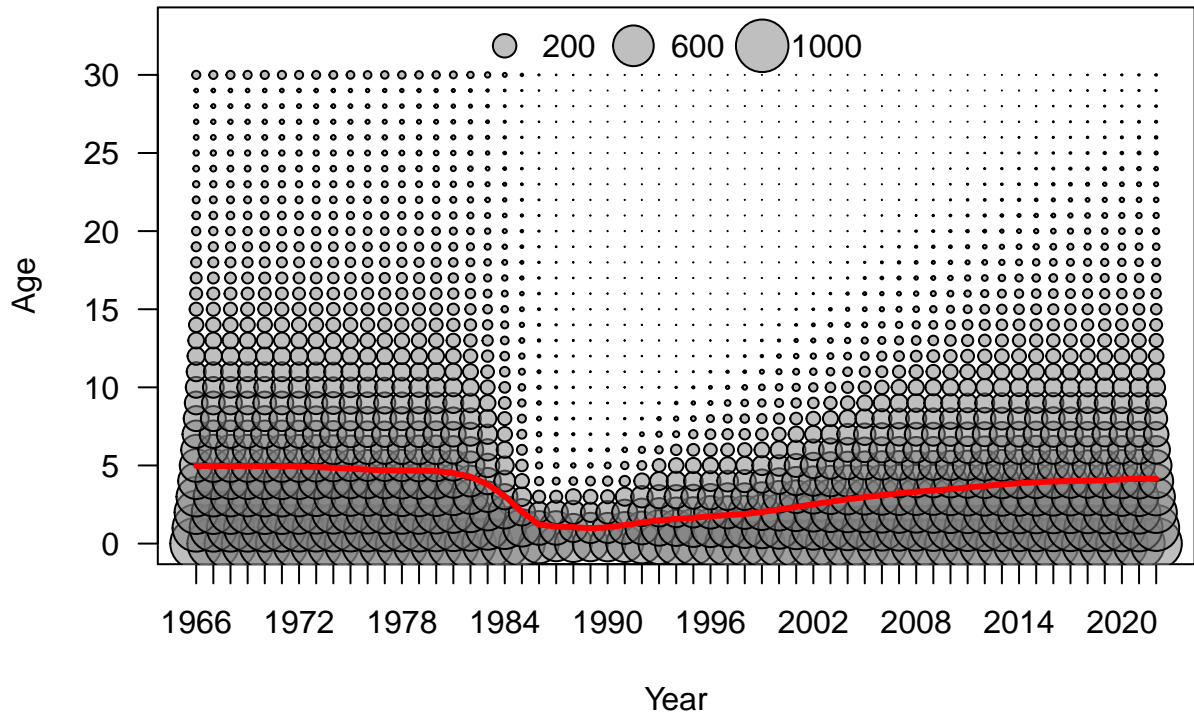


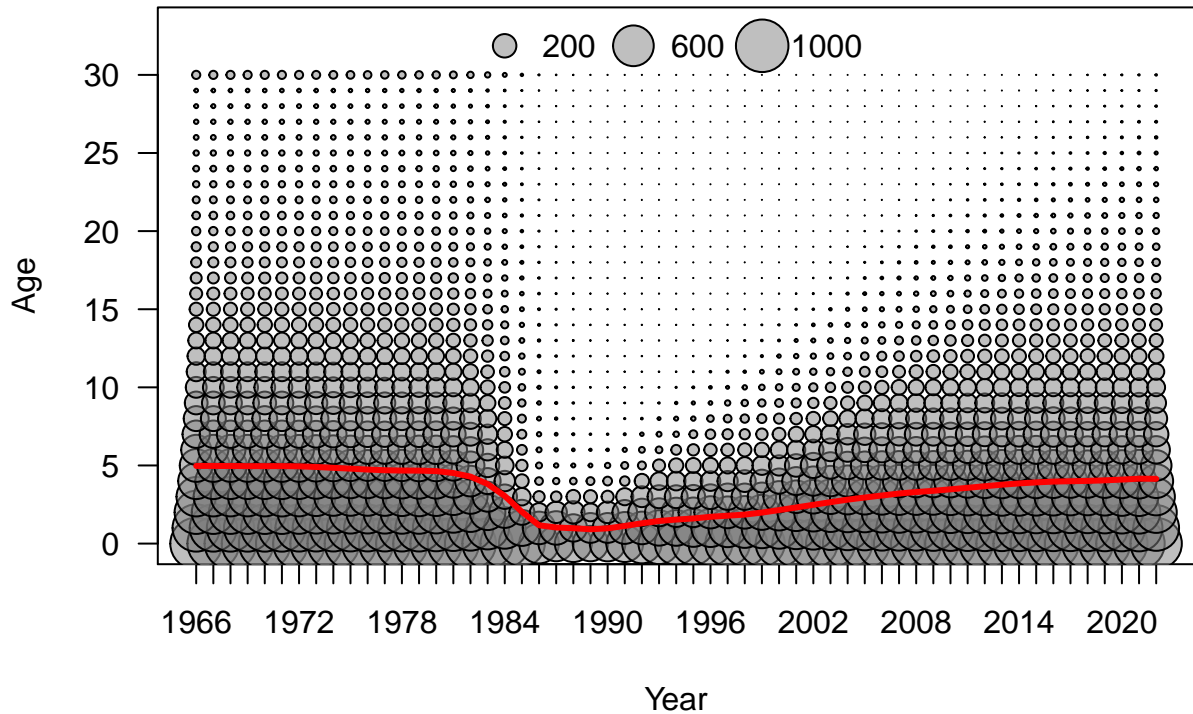


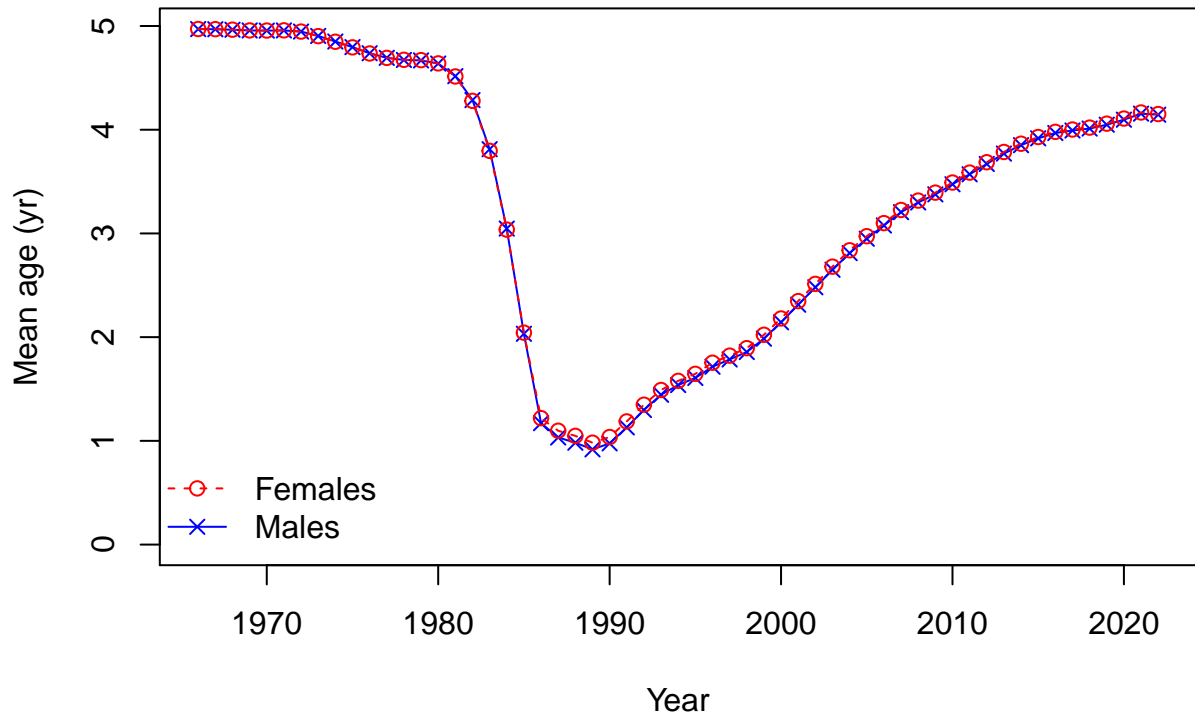


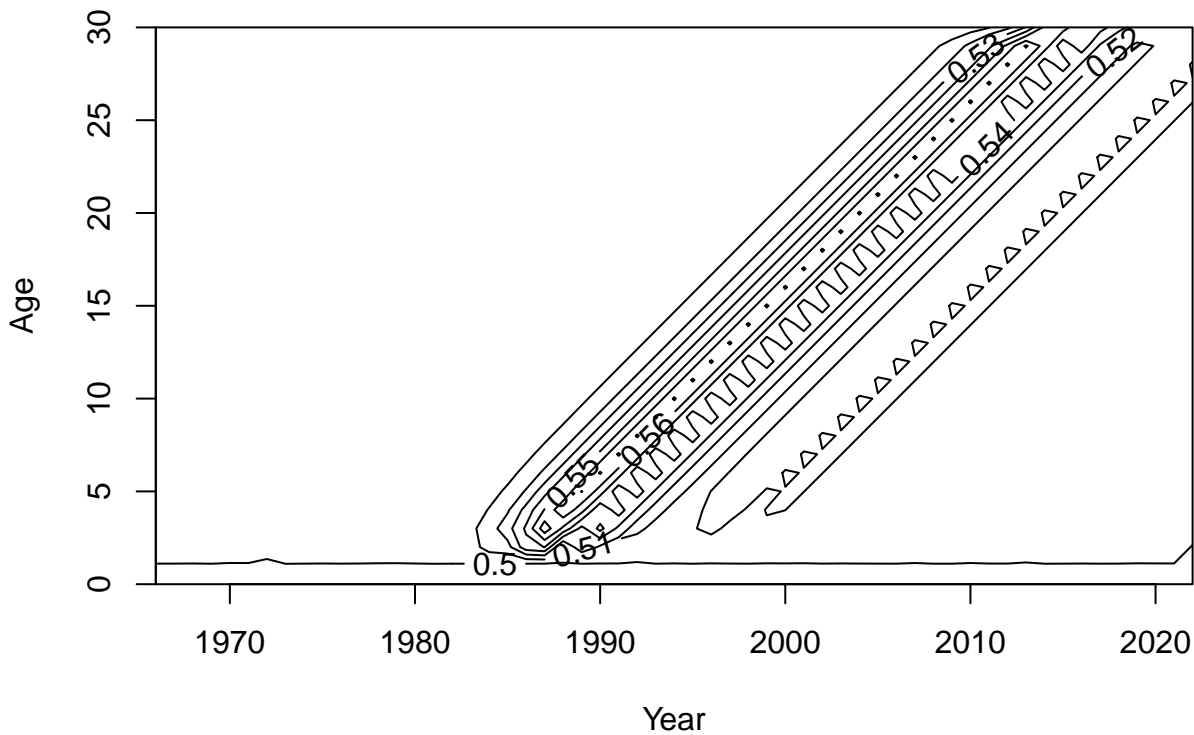


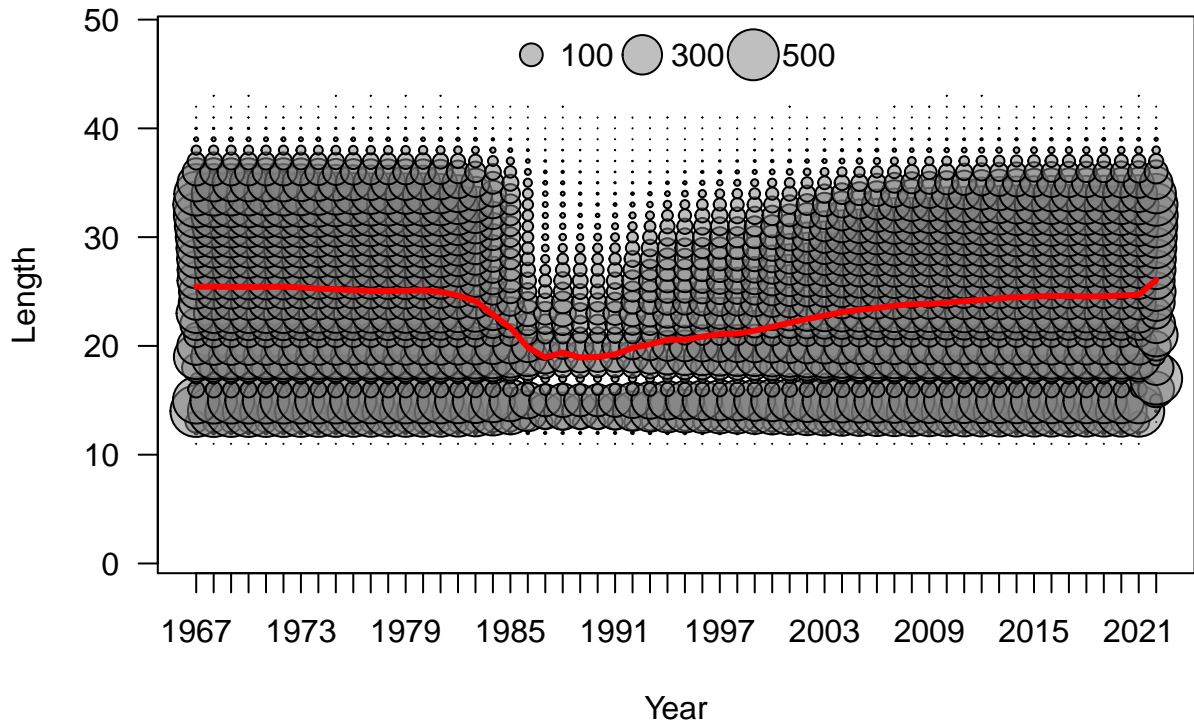


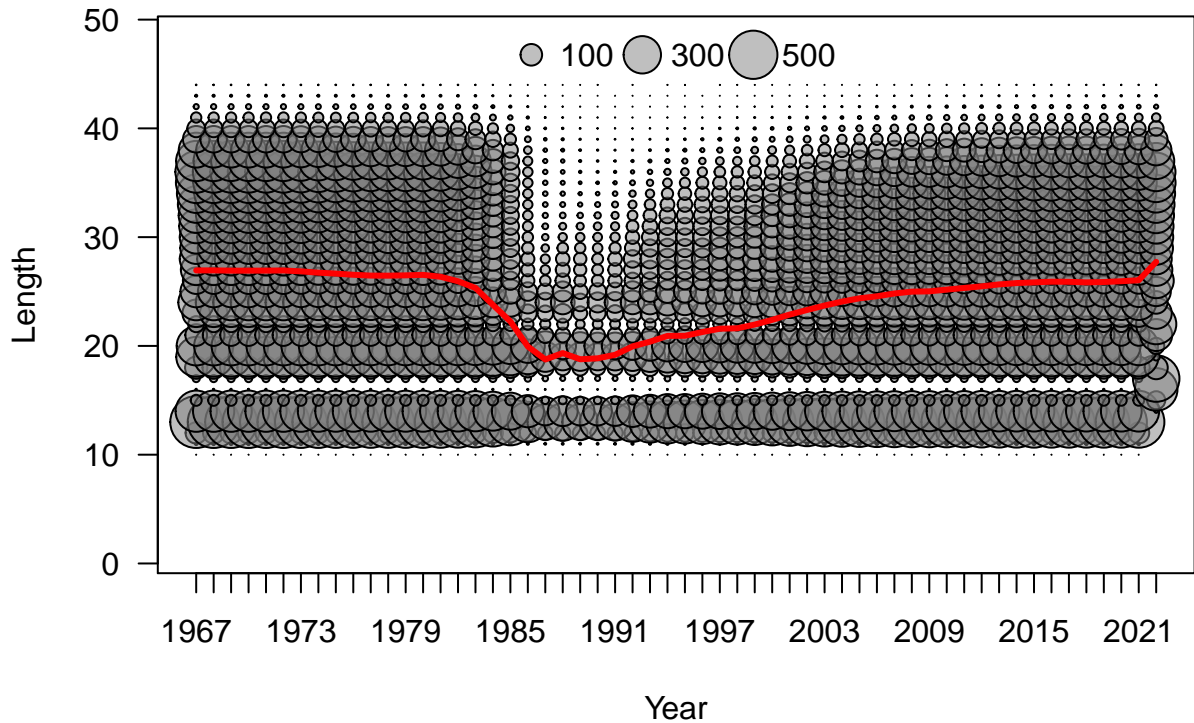


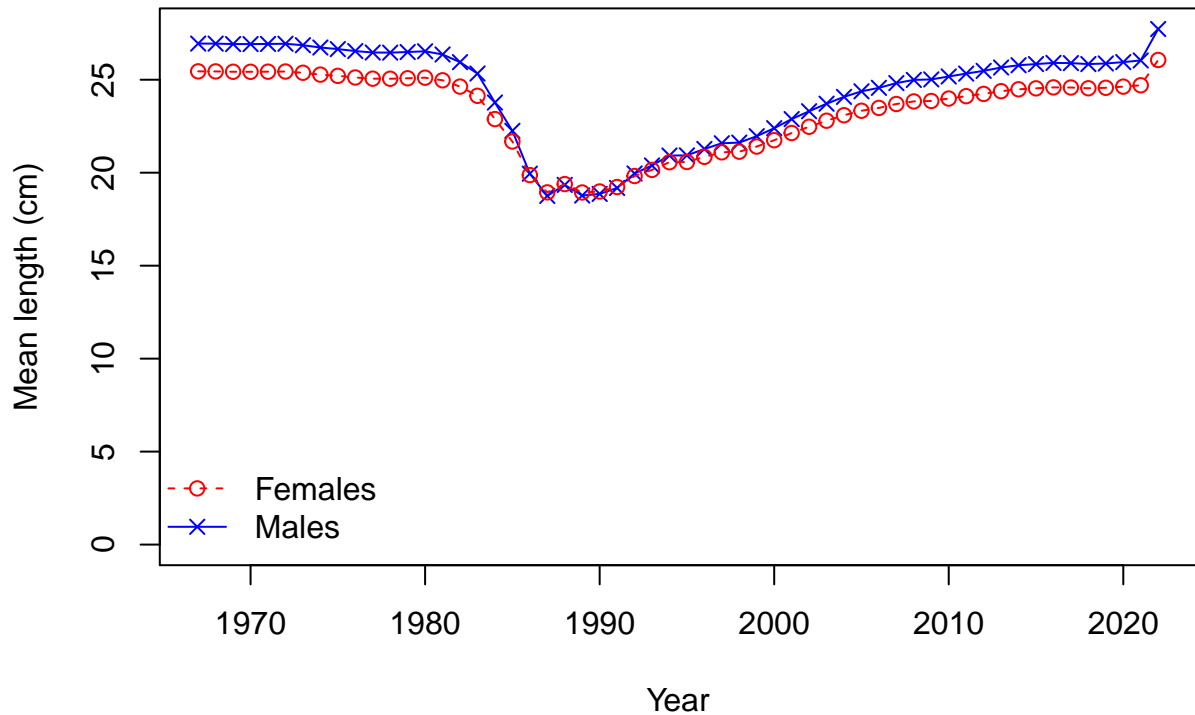


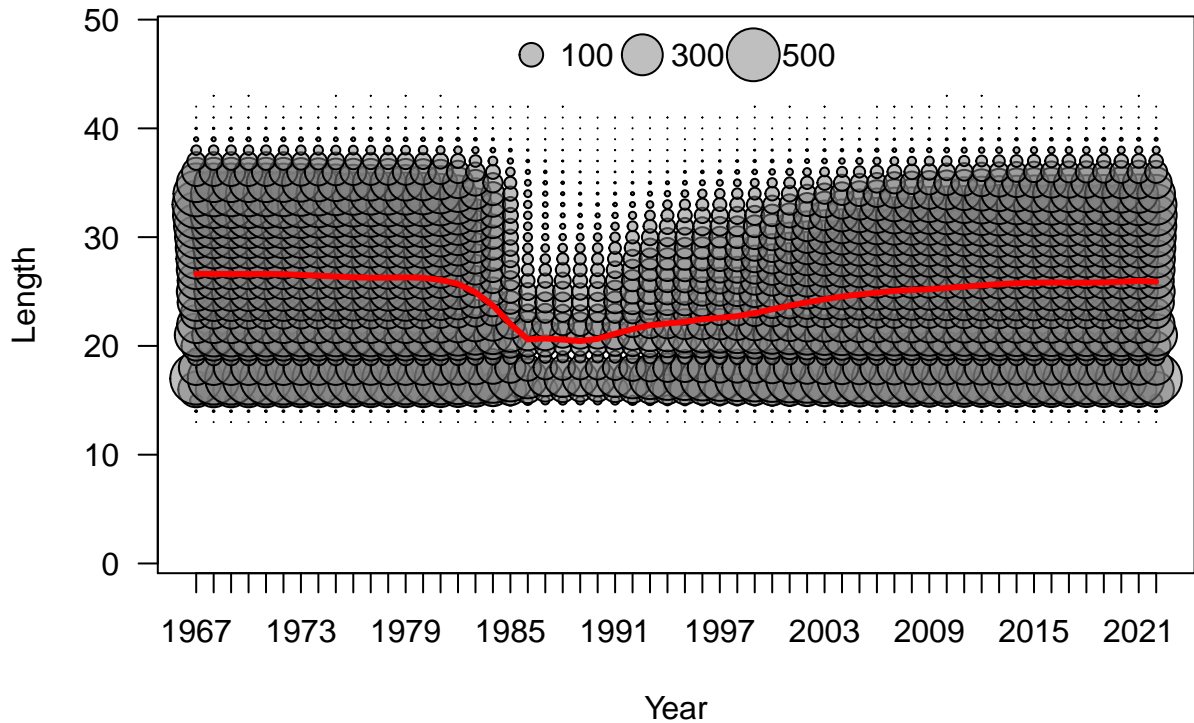


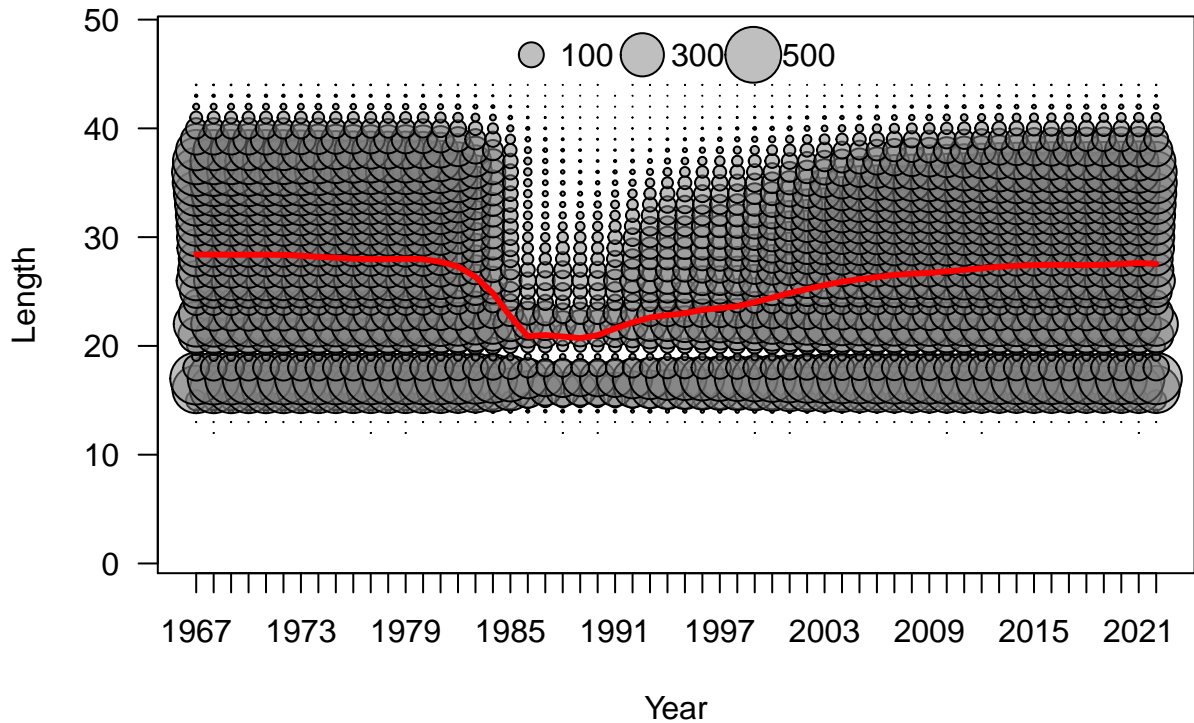


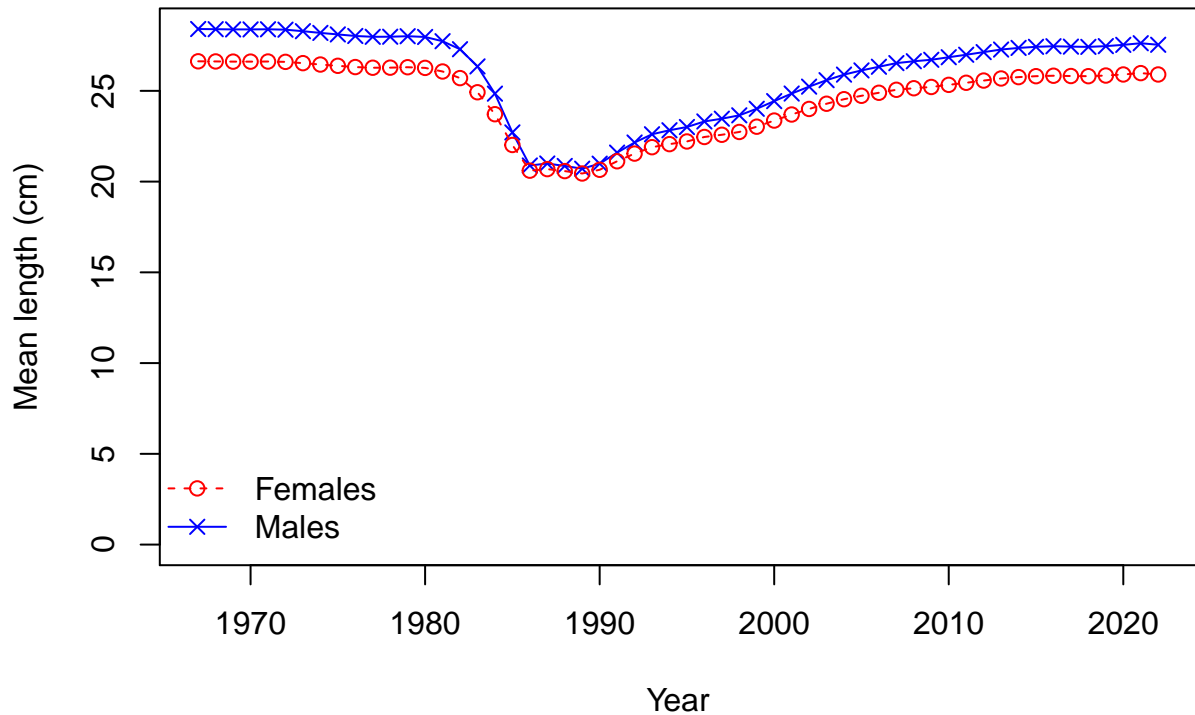


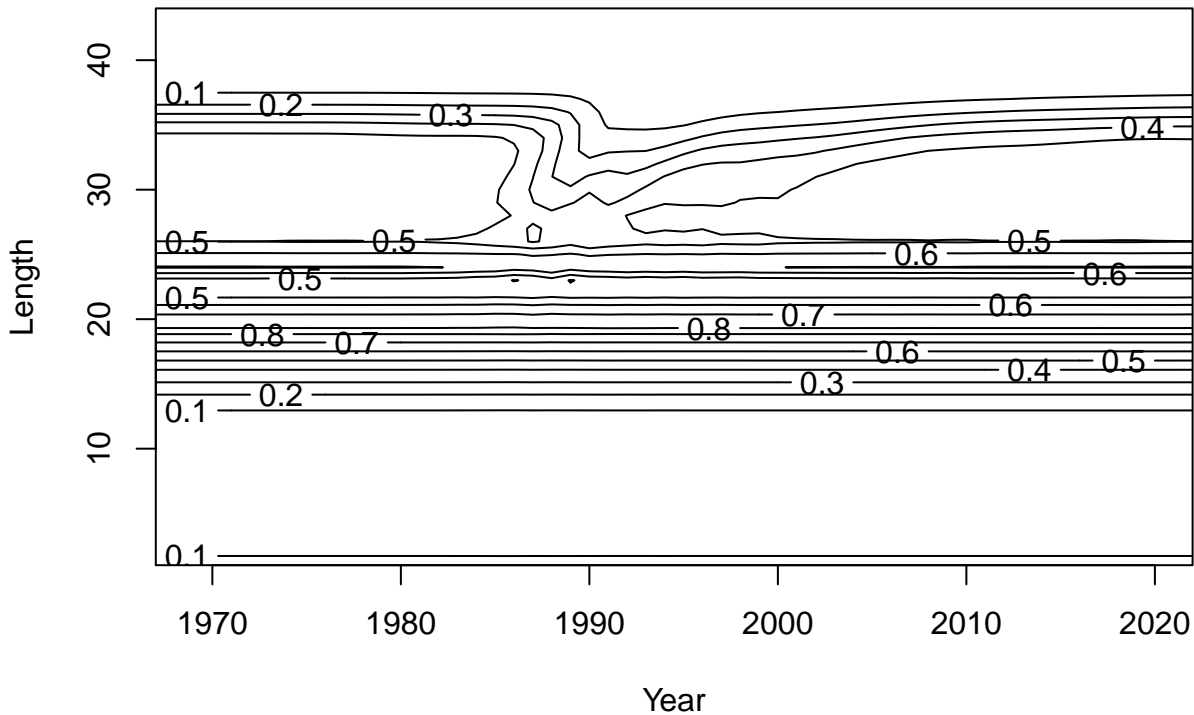


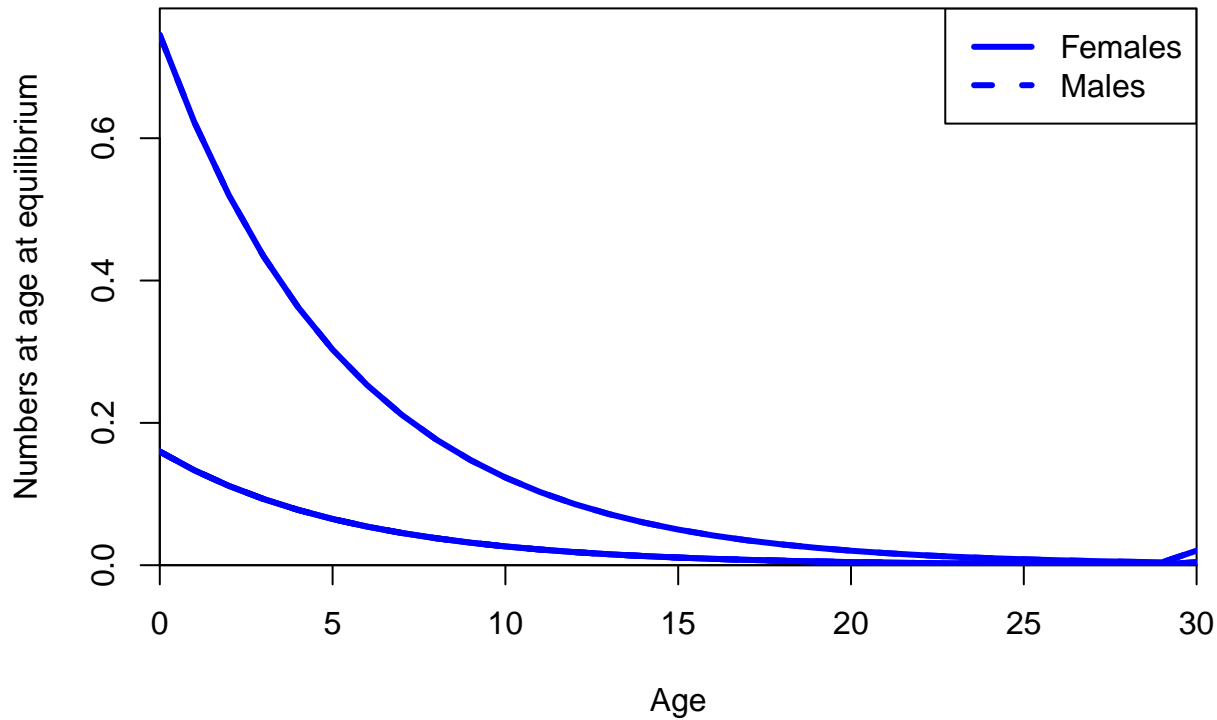






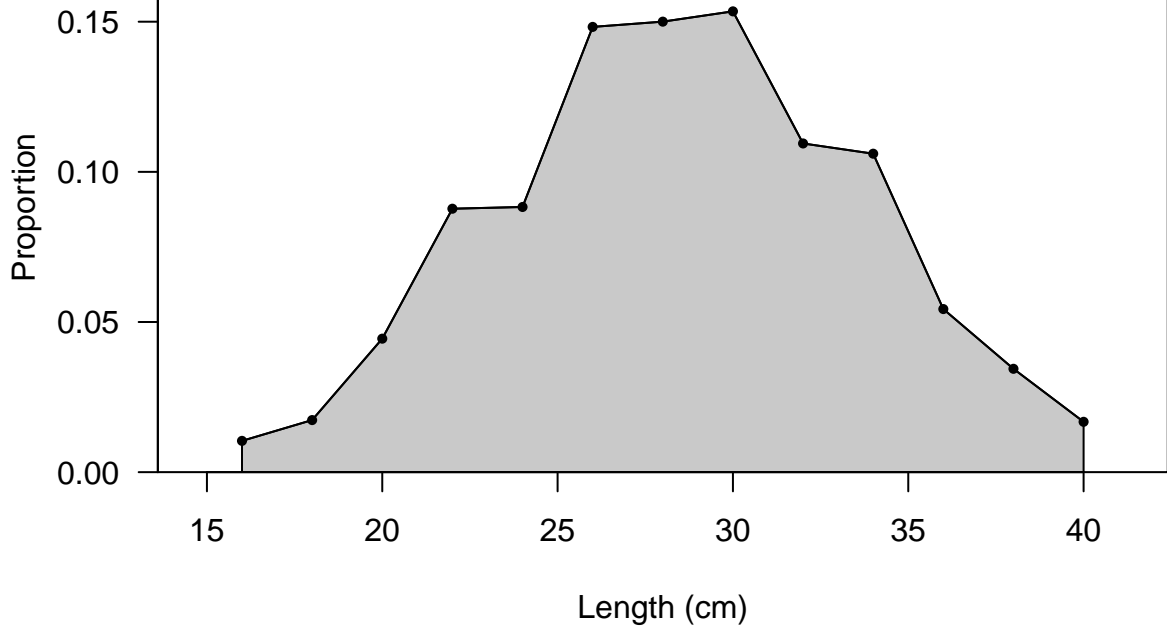






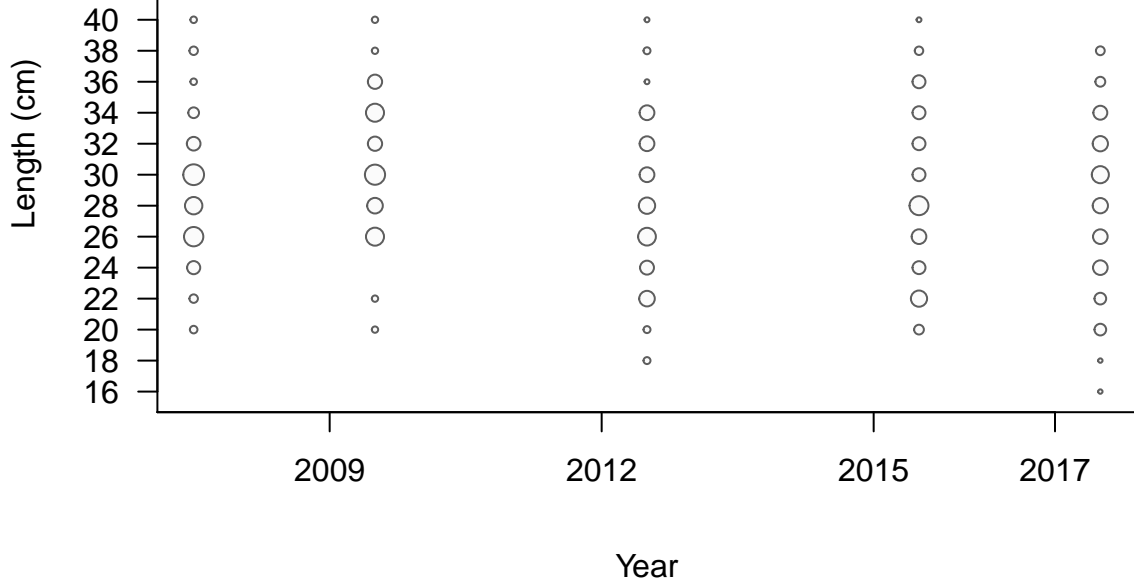
FISHERY

Sum of N adj.=295.4

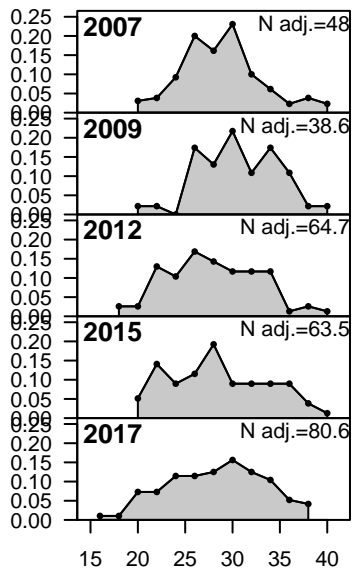


FISHERY

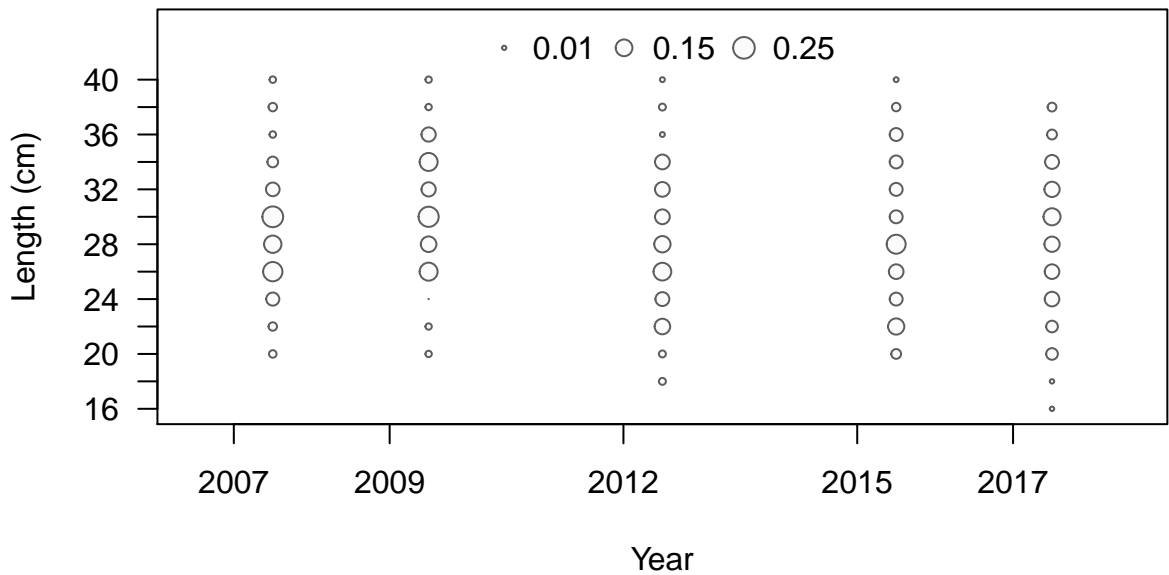
◦ 0.01 ○ 0.15 ○ 0.25



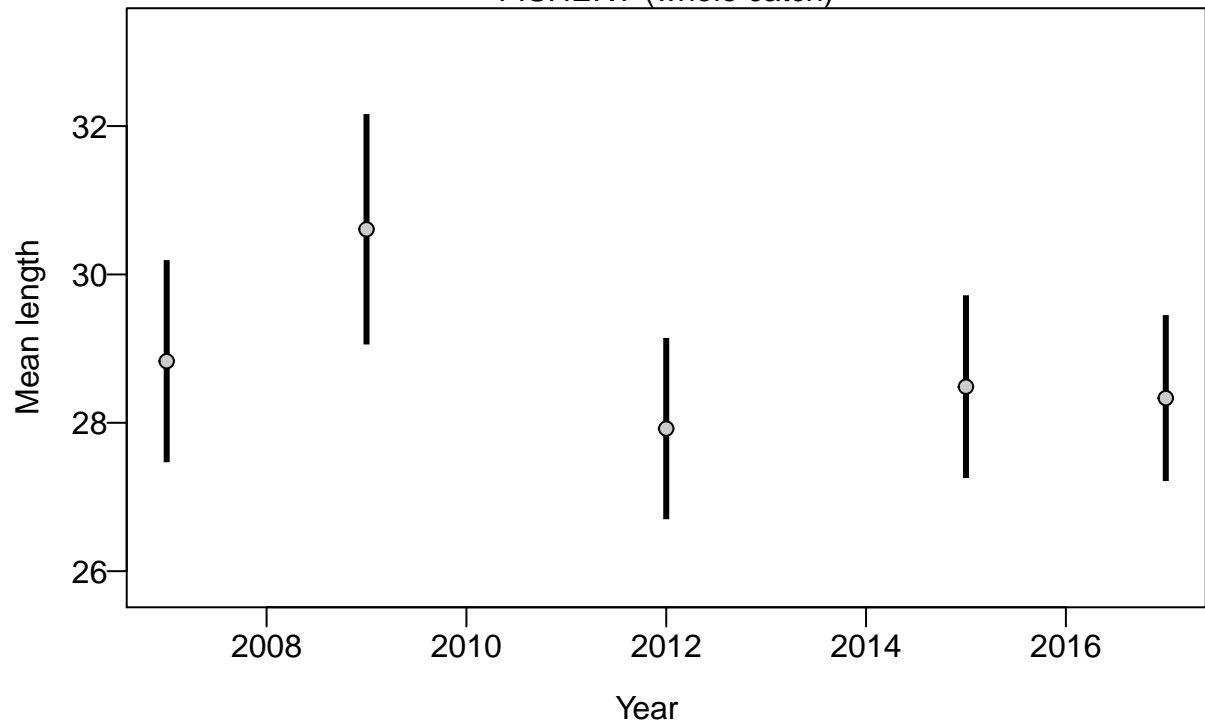
Proportion



Length (cm)

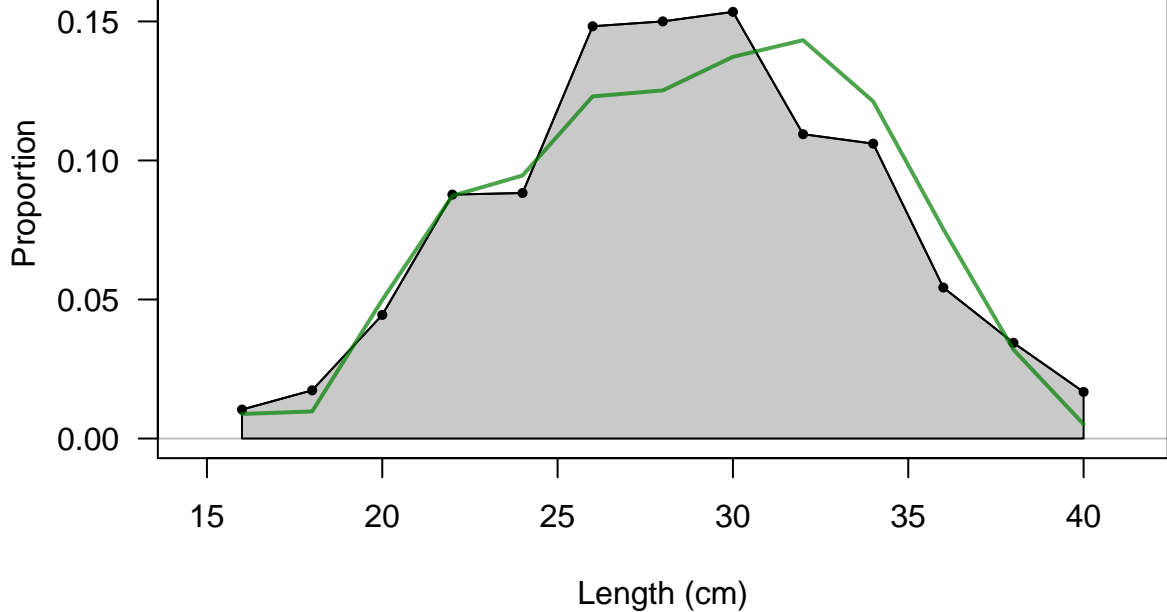


FISHERY (whole catch)



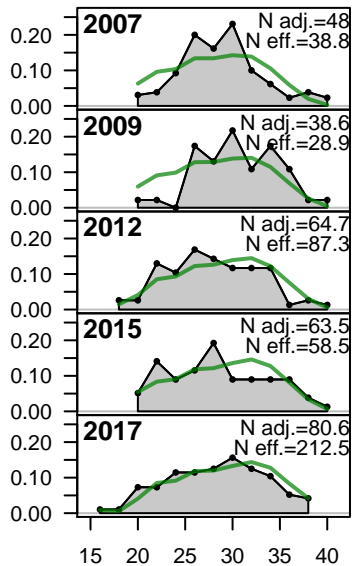
FISHERY

Sum of N adj.=295.4
Sum of N eff.=426

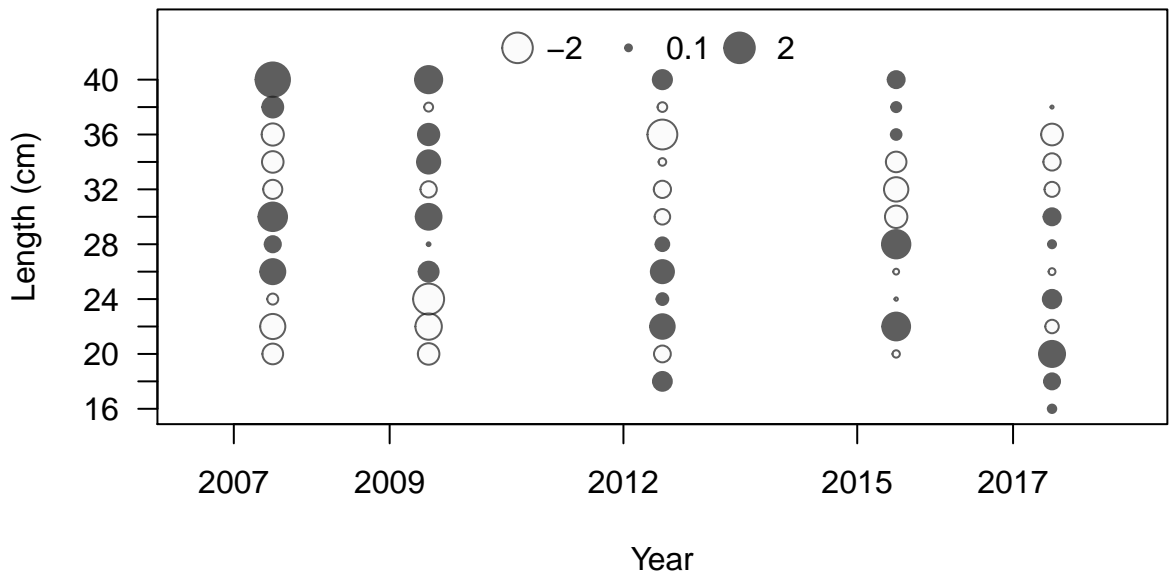


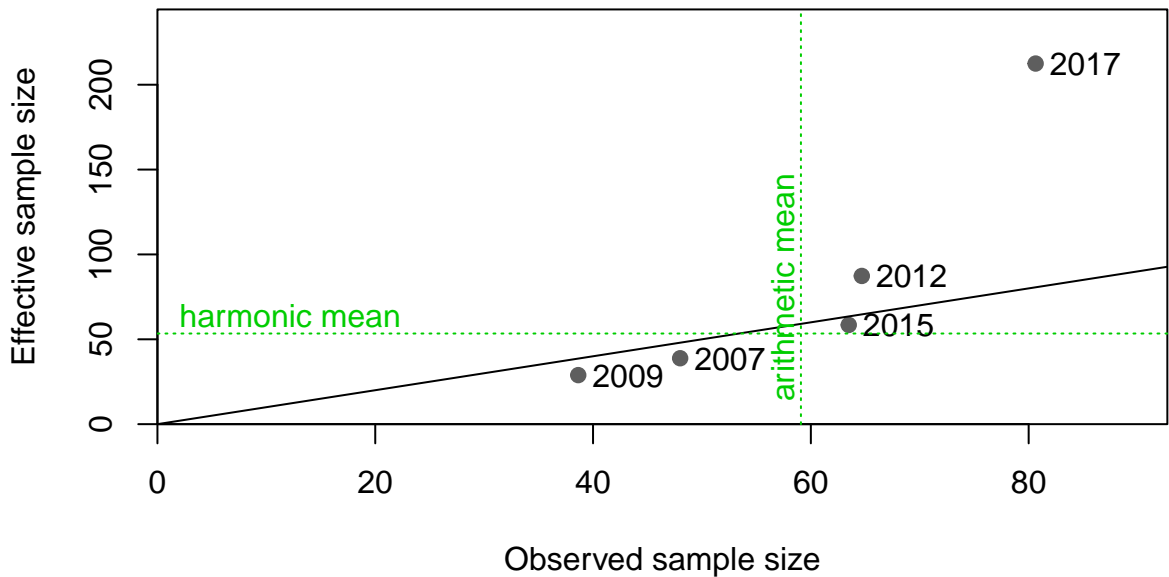


Proportion

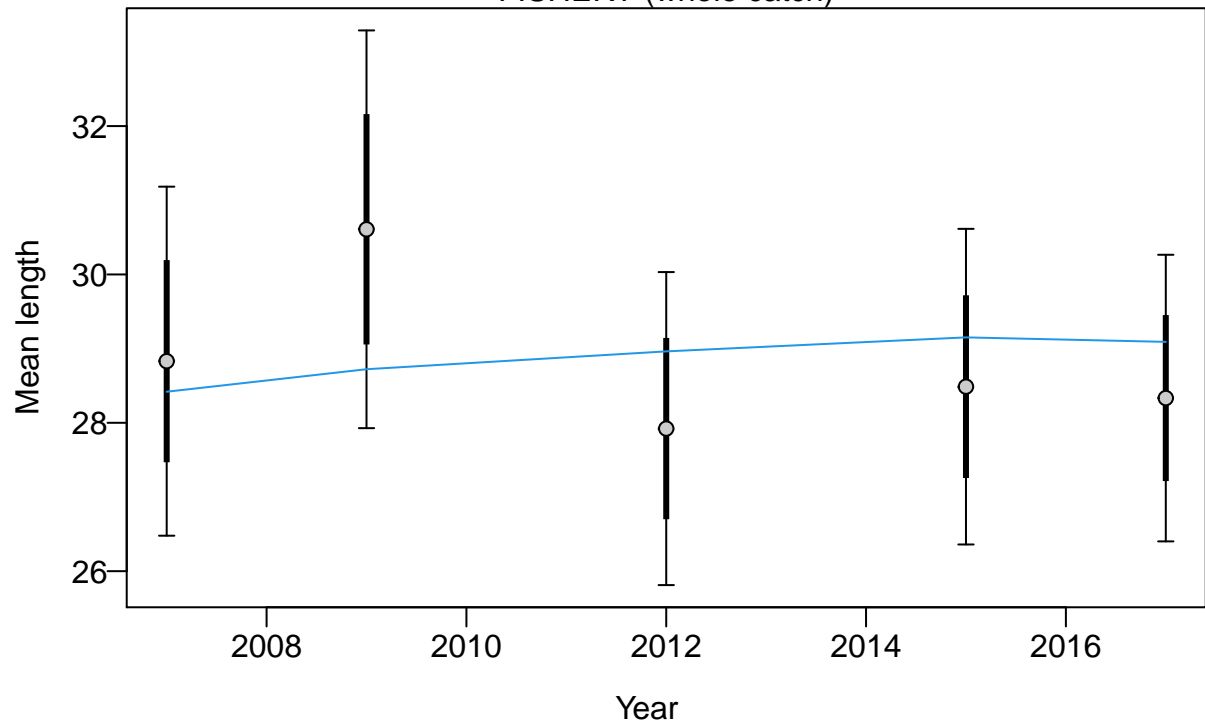


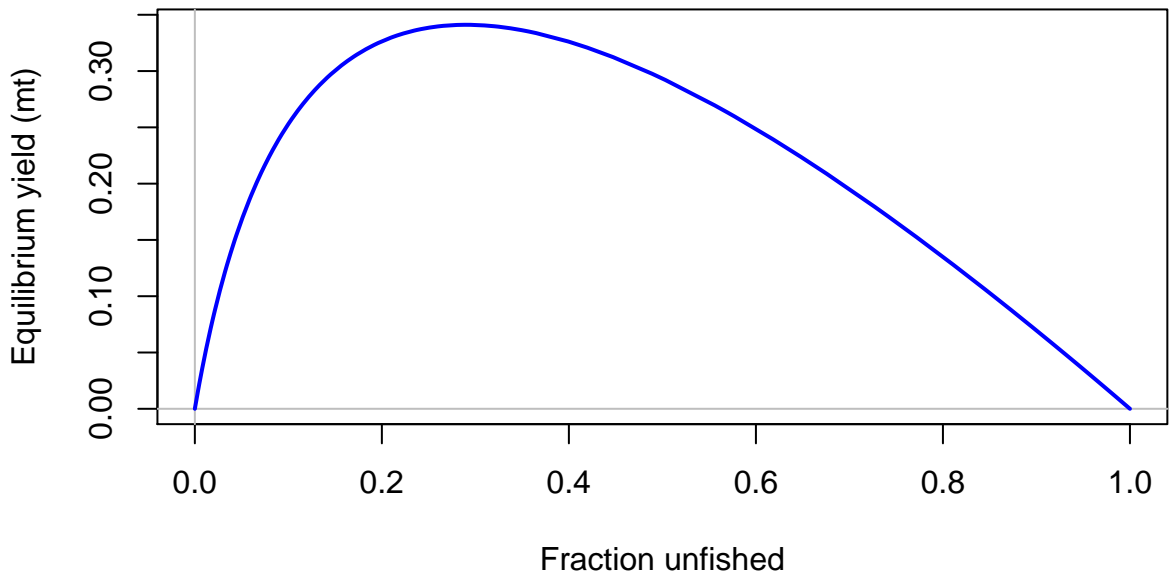
Length (cm)

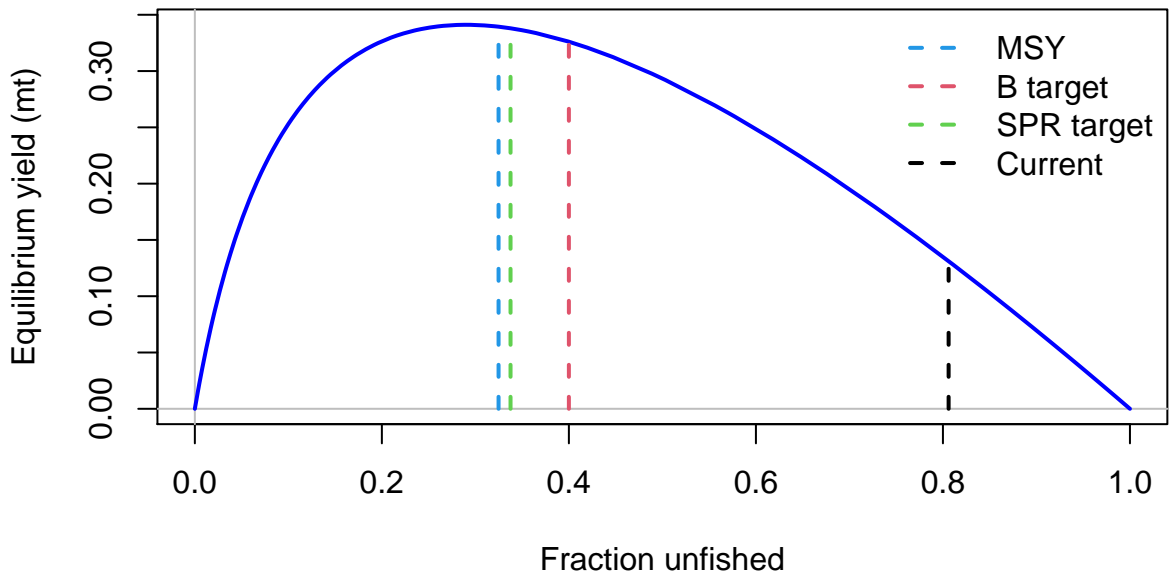


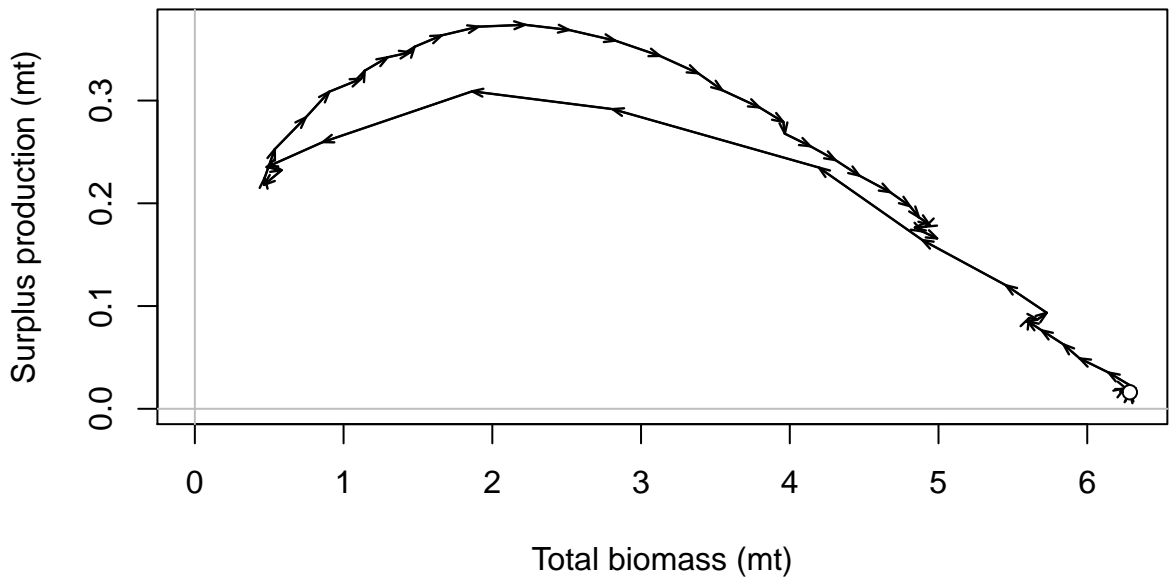


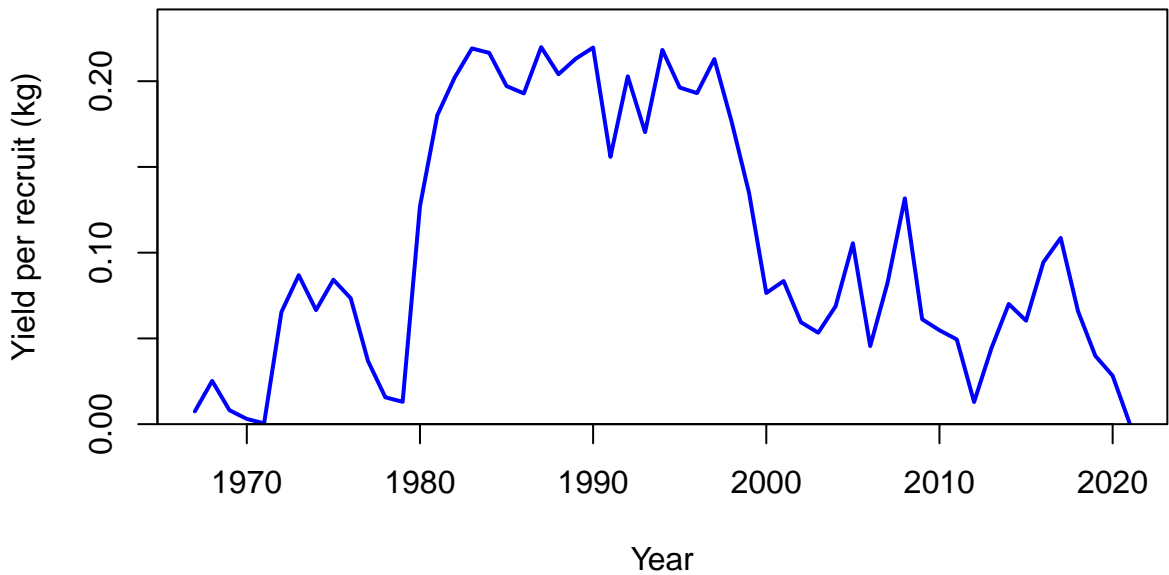
FISHERY (whole catch)

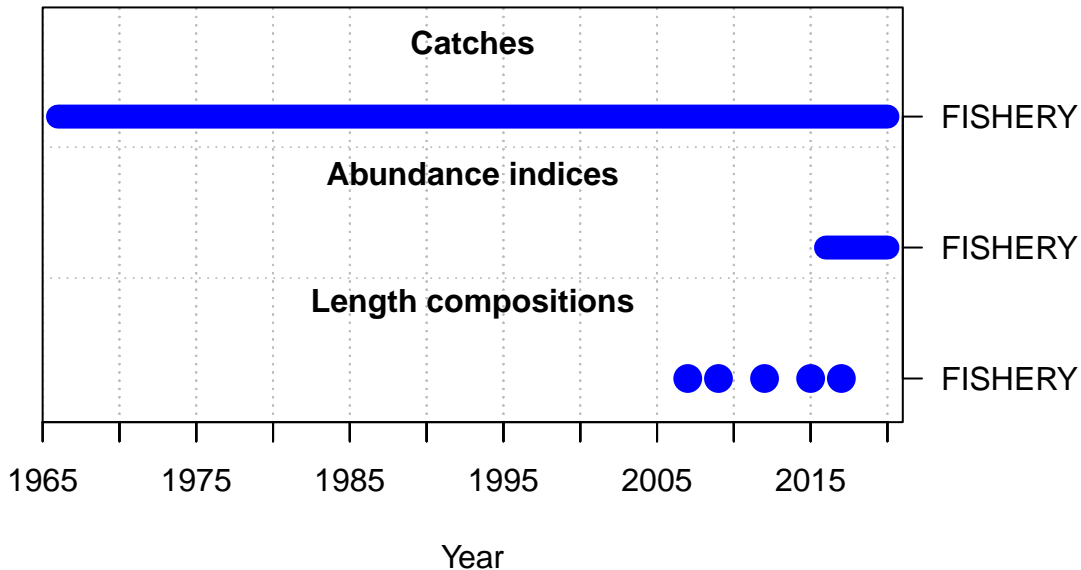


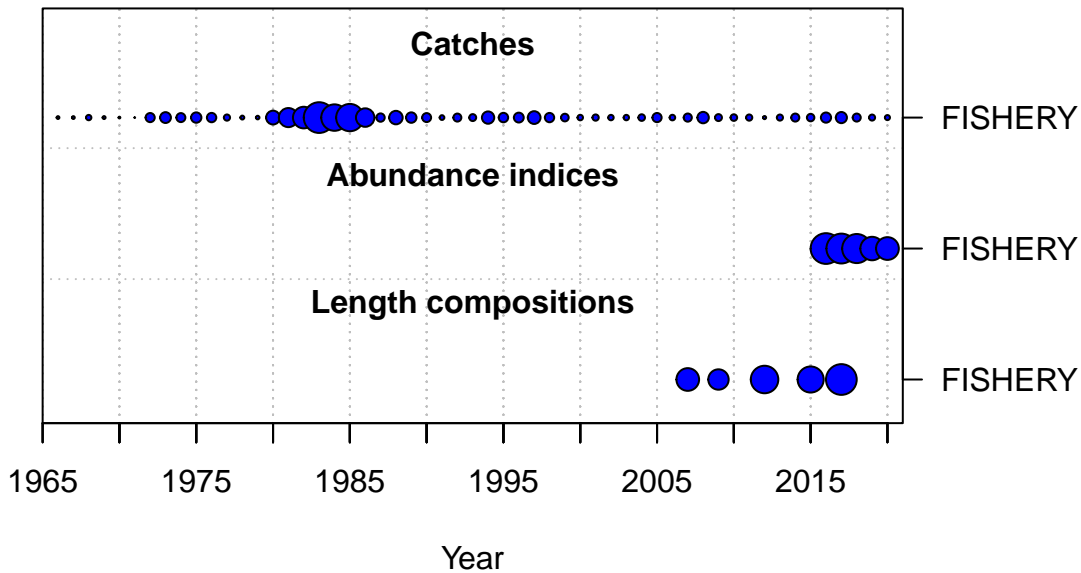








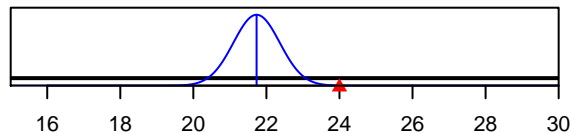




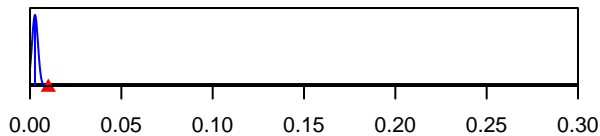
SR_LN(R0)



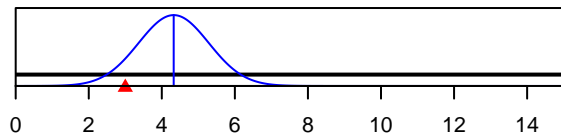
Size_inflection_FISHERY(1)



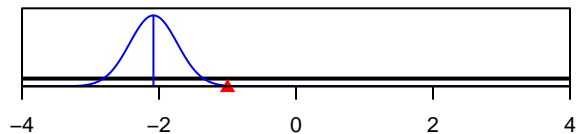
InitF_seas_1_flt_1FISHERY



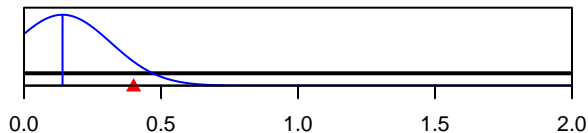
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



Q_extraSD_FISHERY(1)



Parameter value