

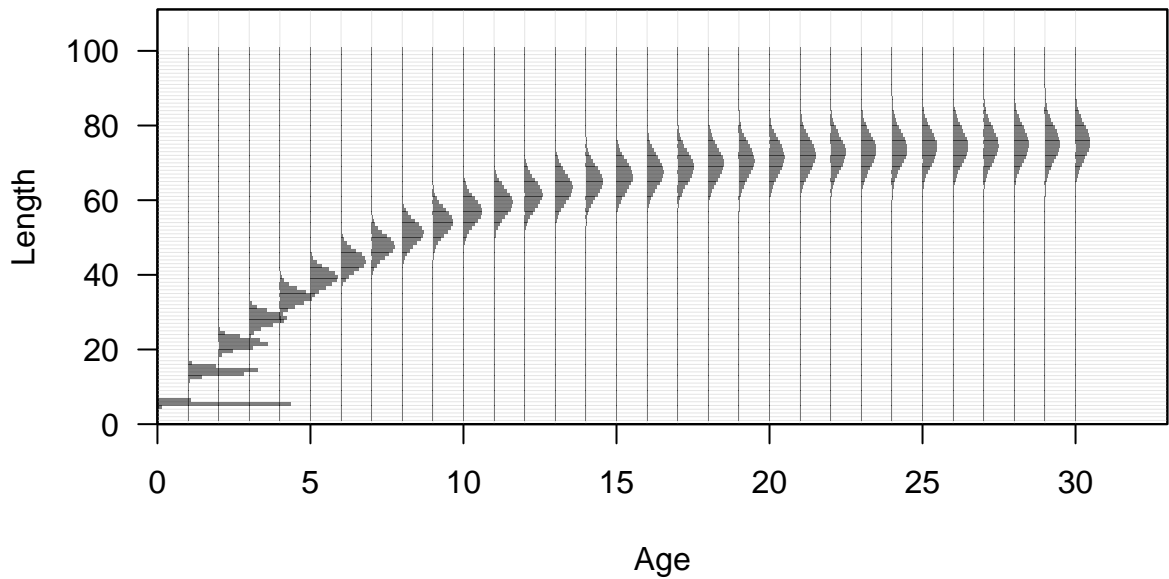
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Tue Aug 16 13:04:10 2022
Data_File: data.ss
Control_File: control.ss

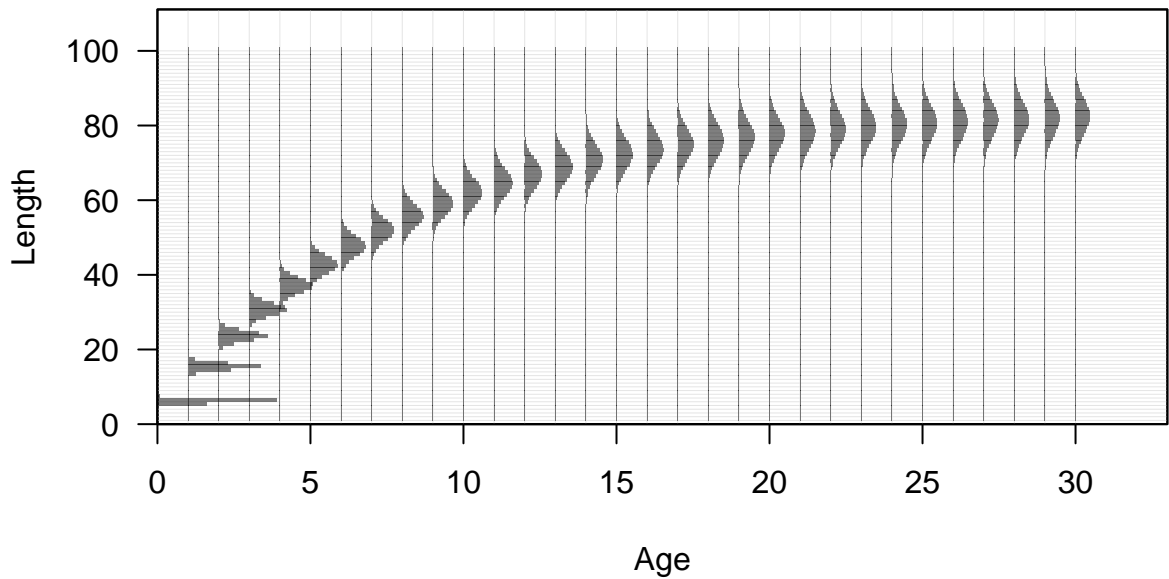
Length (cm, beginning of the year)

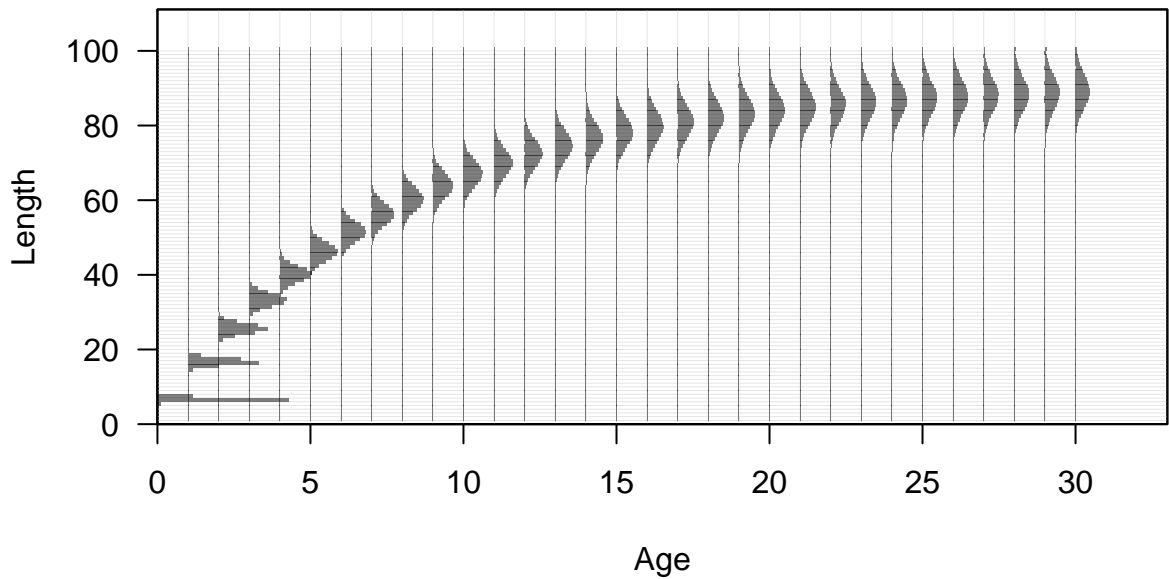
























Fecundity



Fecundity

20

15

10

5

0

0

20

40

60

80

100

Female length (cm)



Spawning output

20
15
10
5
0

0

20

40

60

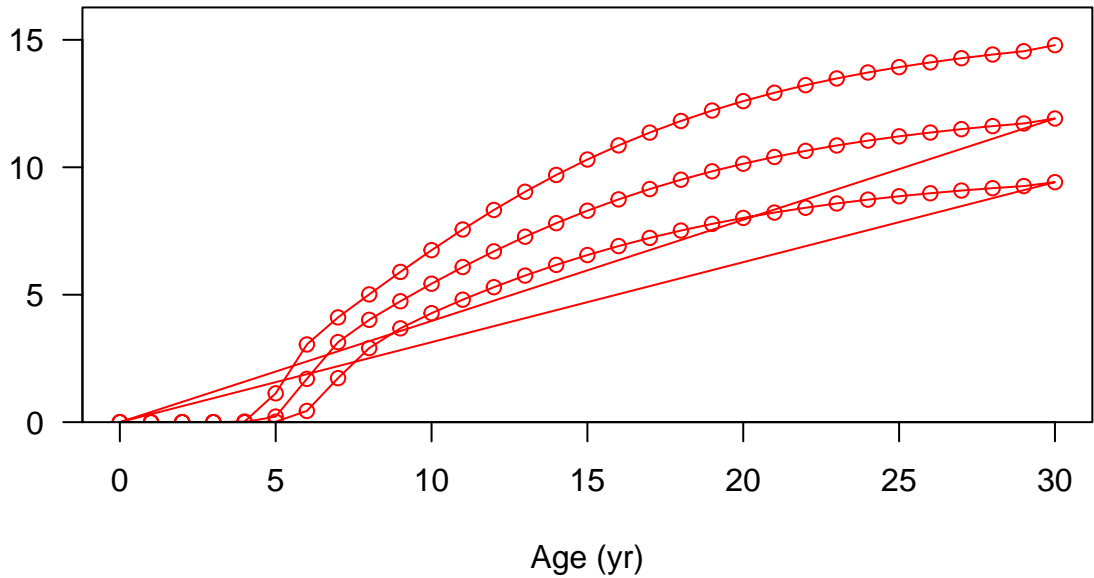
80

100

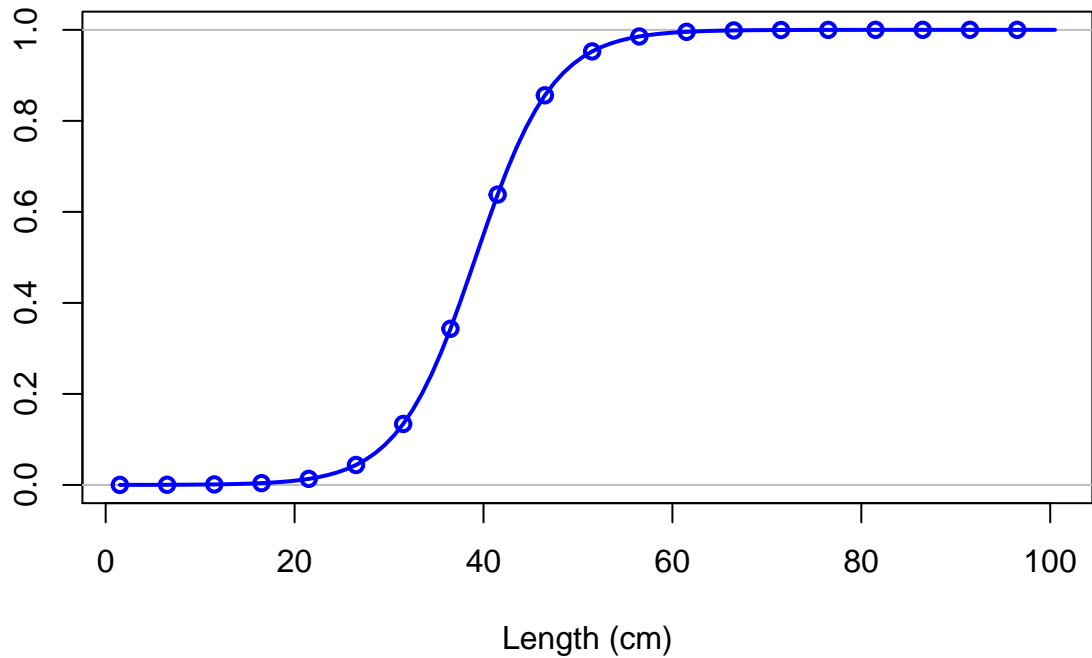
Length (cm)



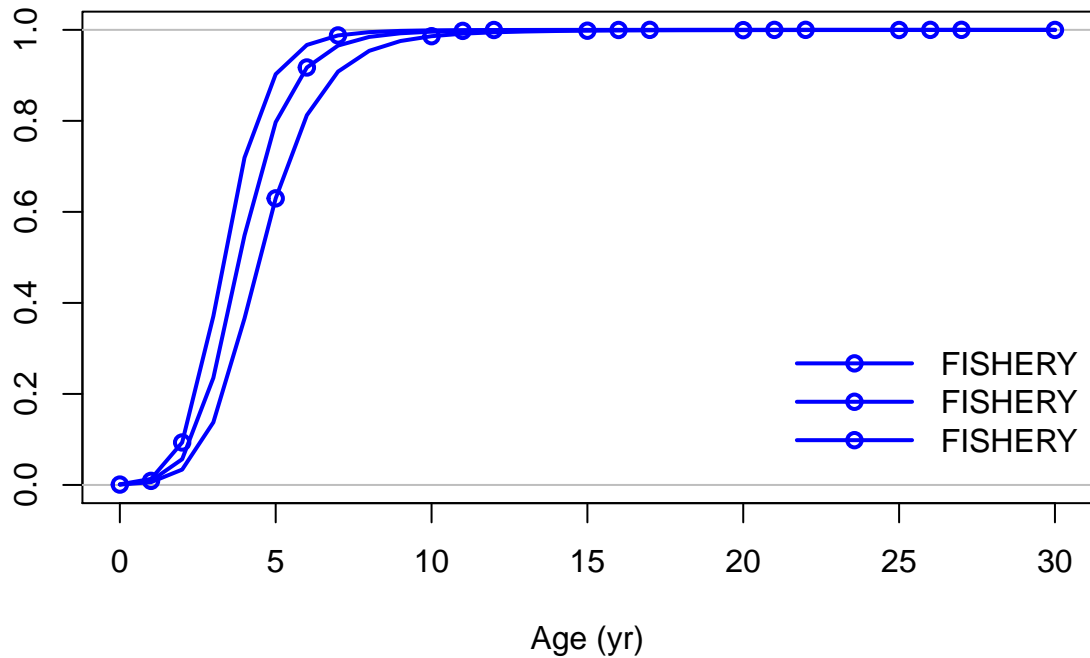
Spawning output



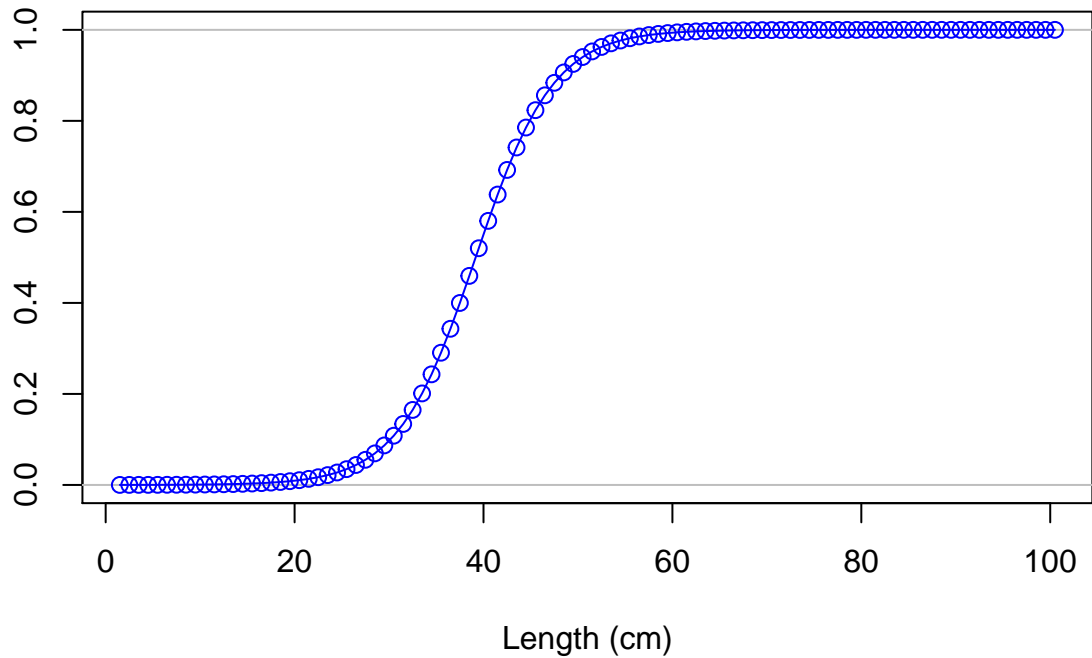
Selectivity

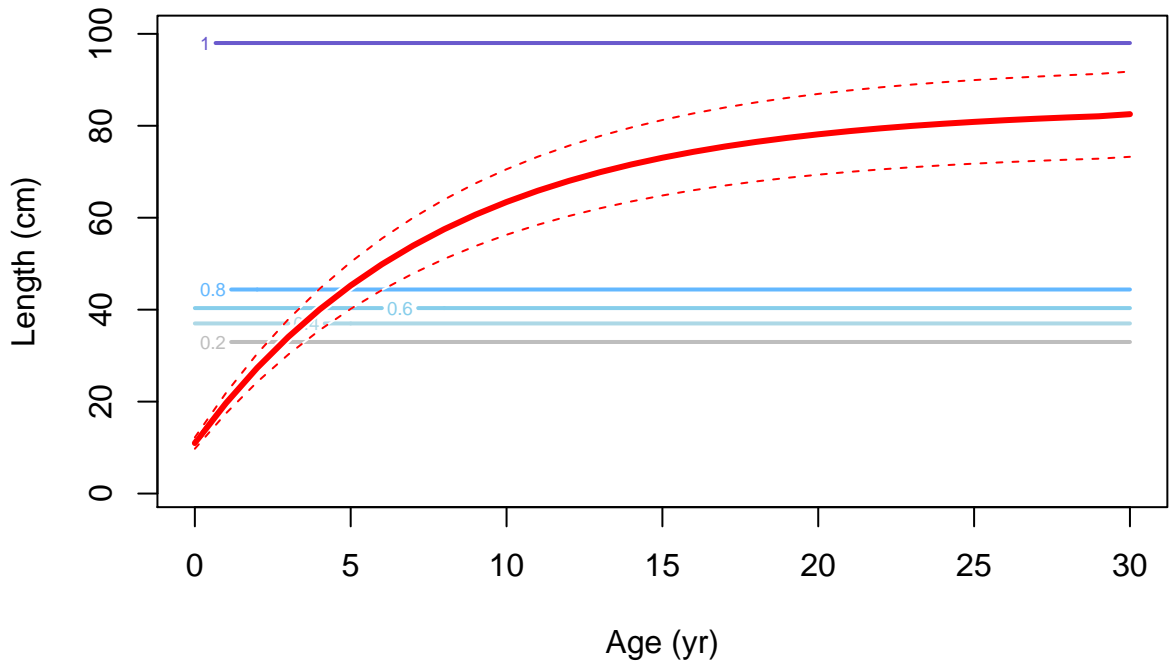


Selectivity

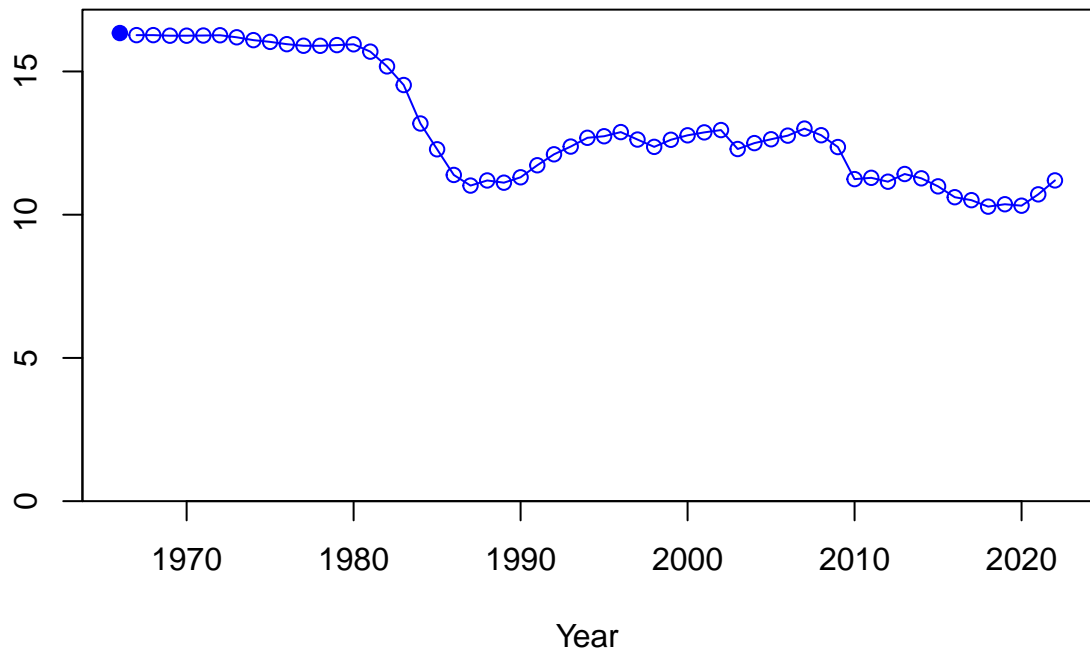


Selectivity

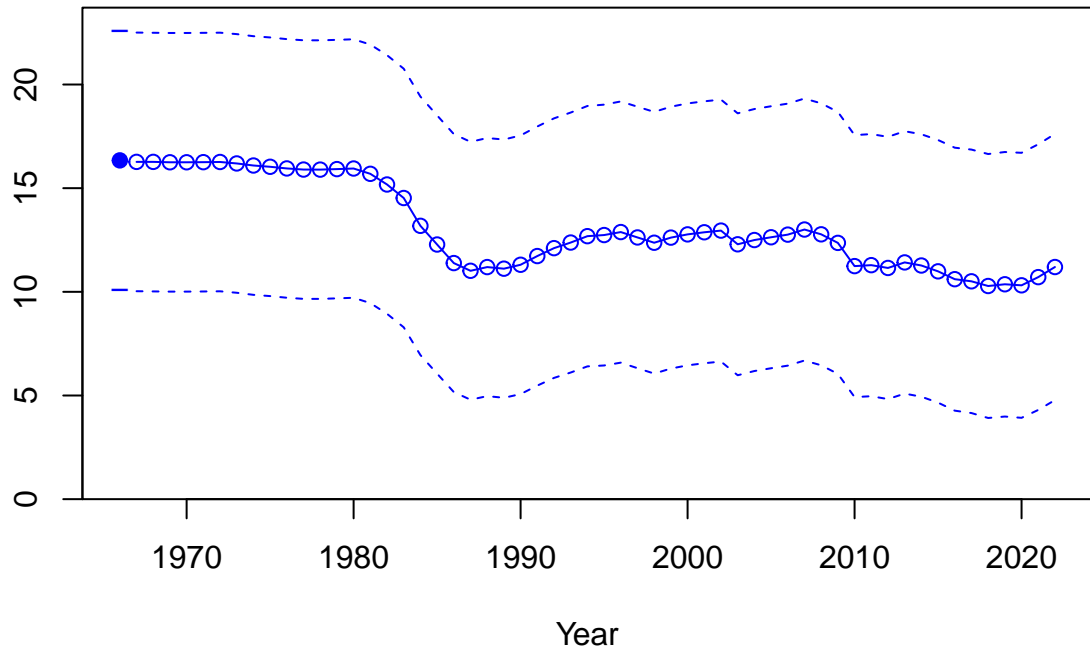




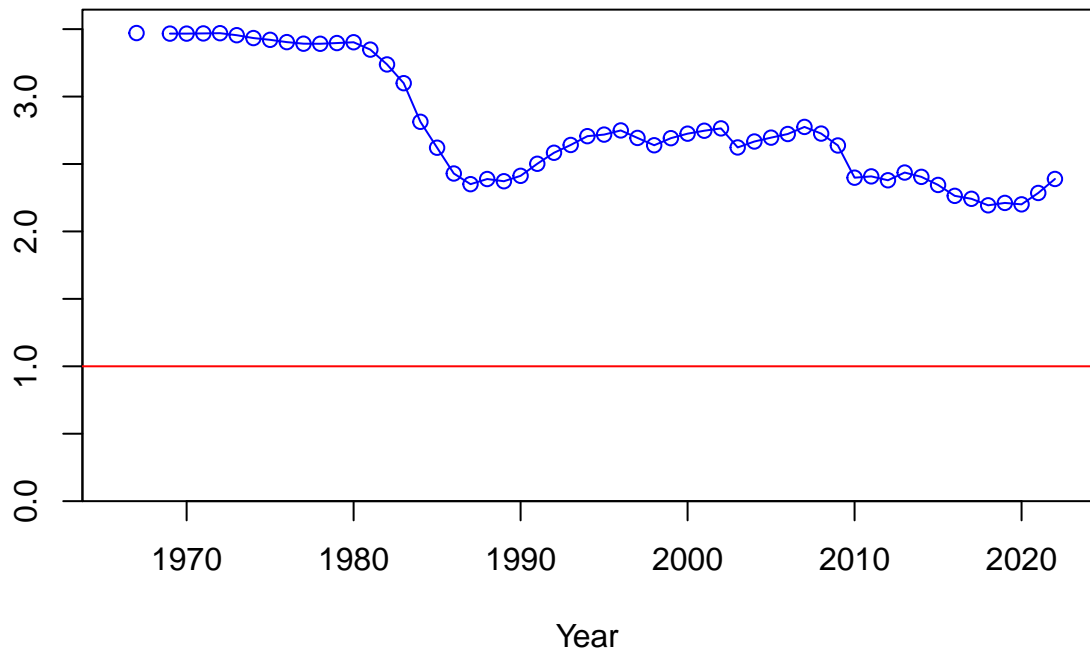
Spawning biomass (mt)



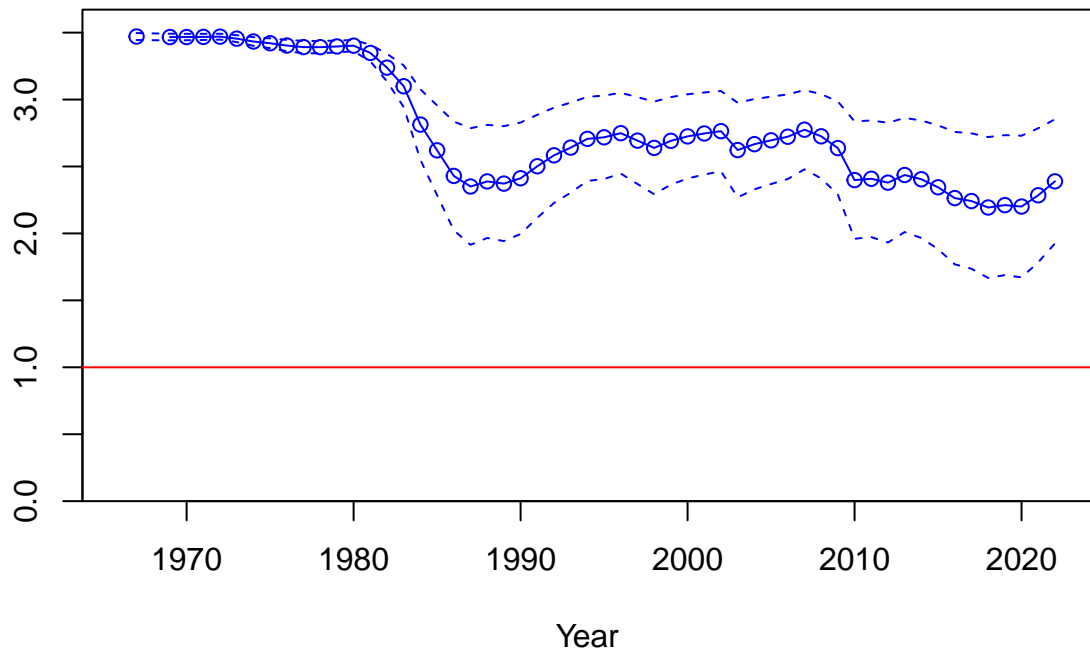
Spawning biomass (mt)

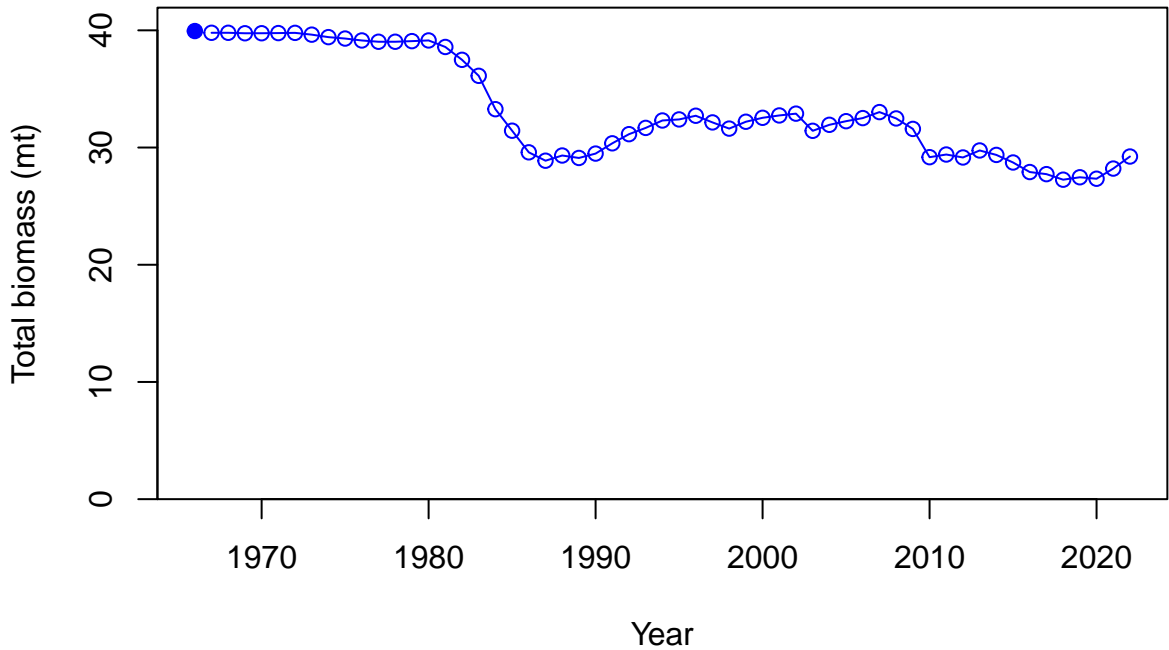


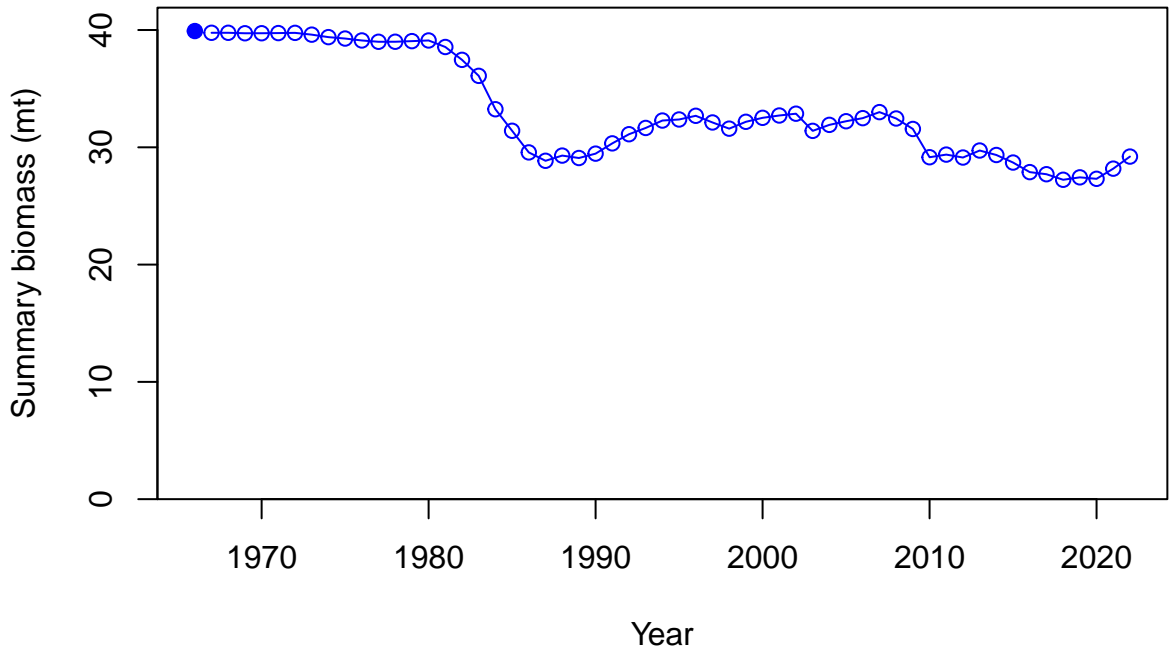
Relative spawning biomass: B/B_{MSY}

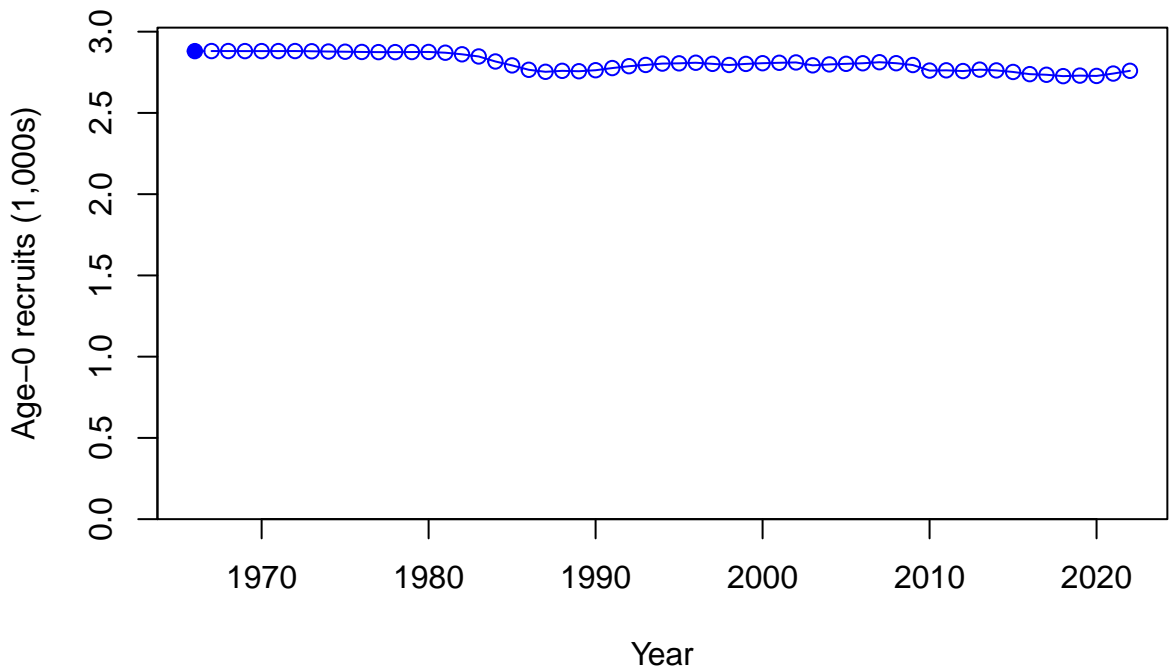


Relative spawning biomass: B/B_{MSY}

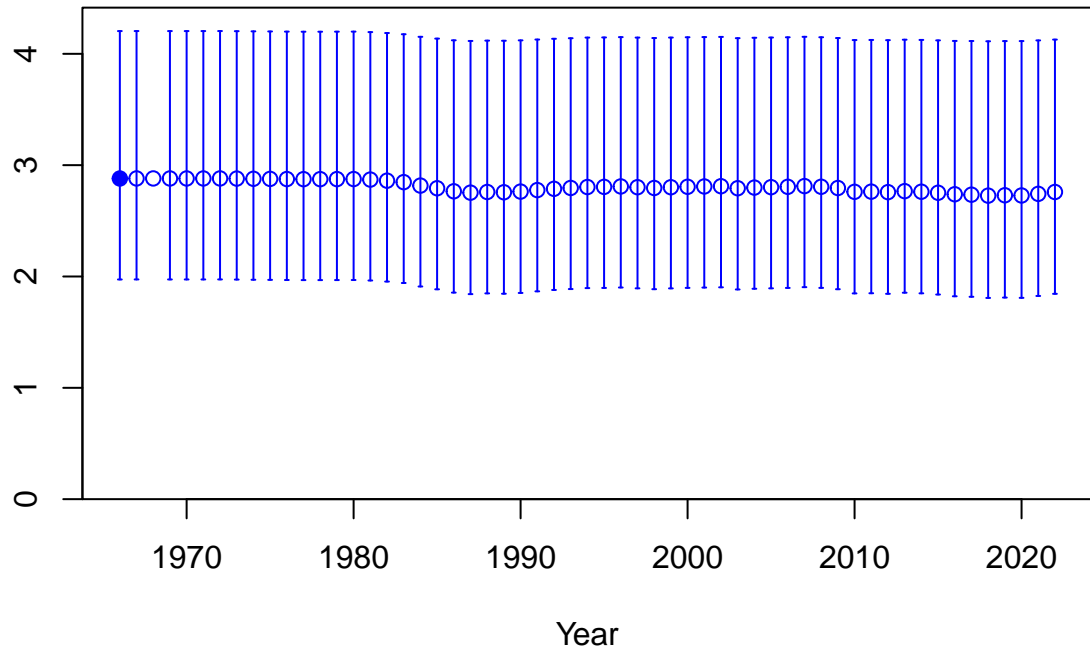




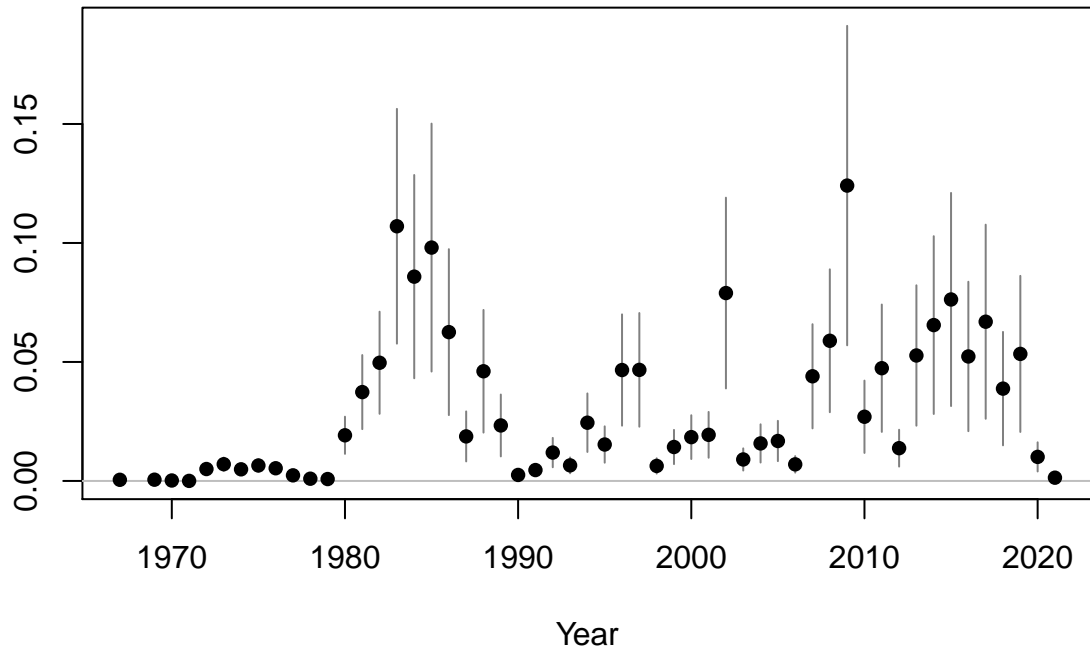


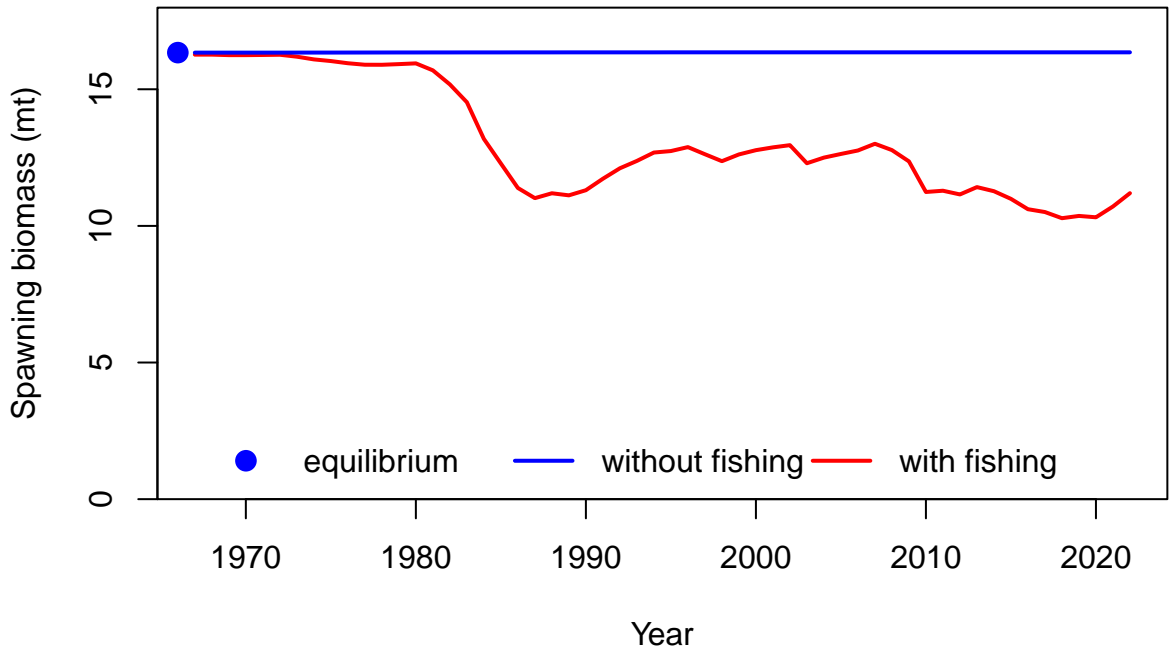


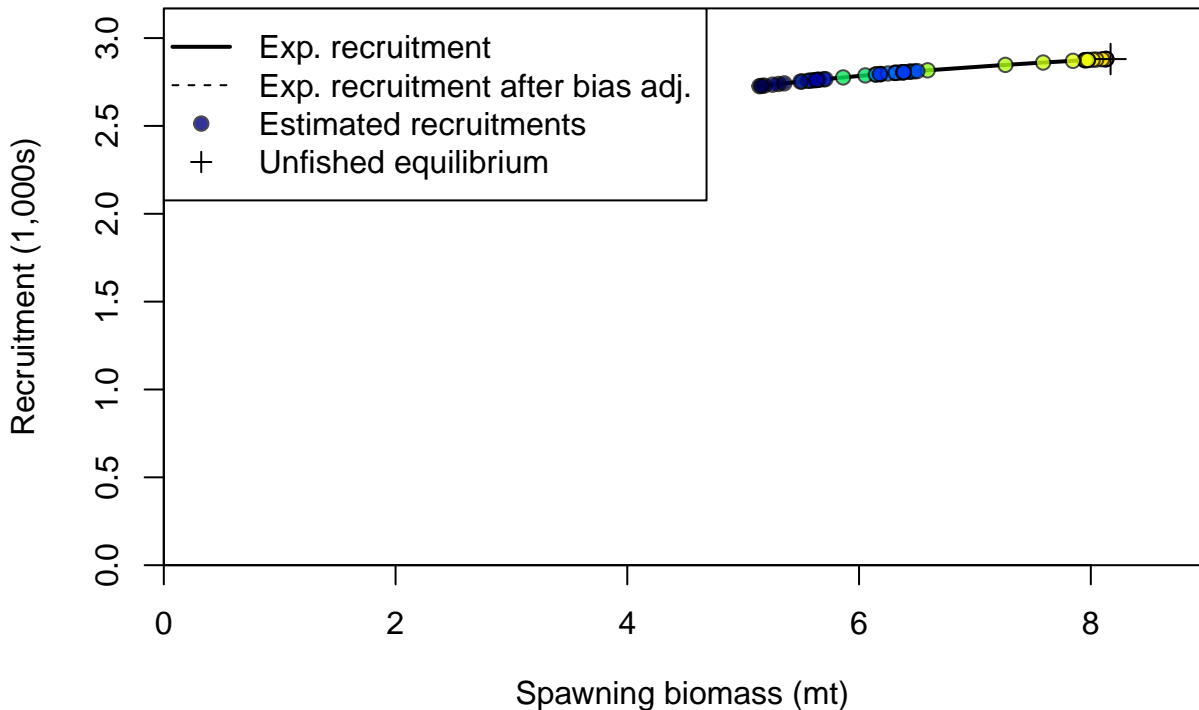
Age-0 recruits (1,000s)

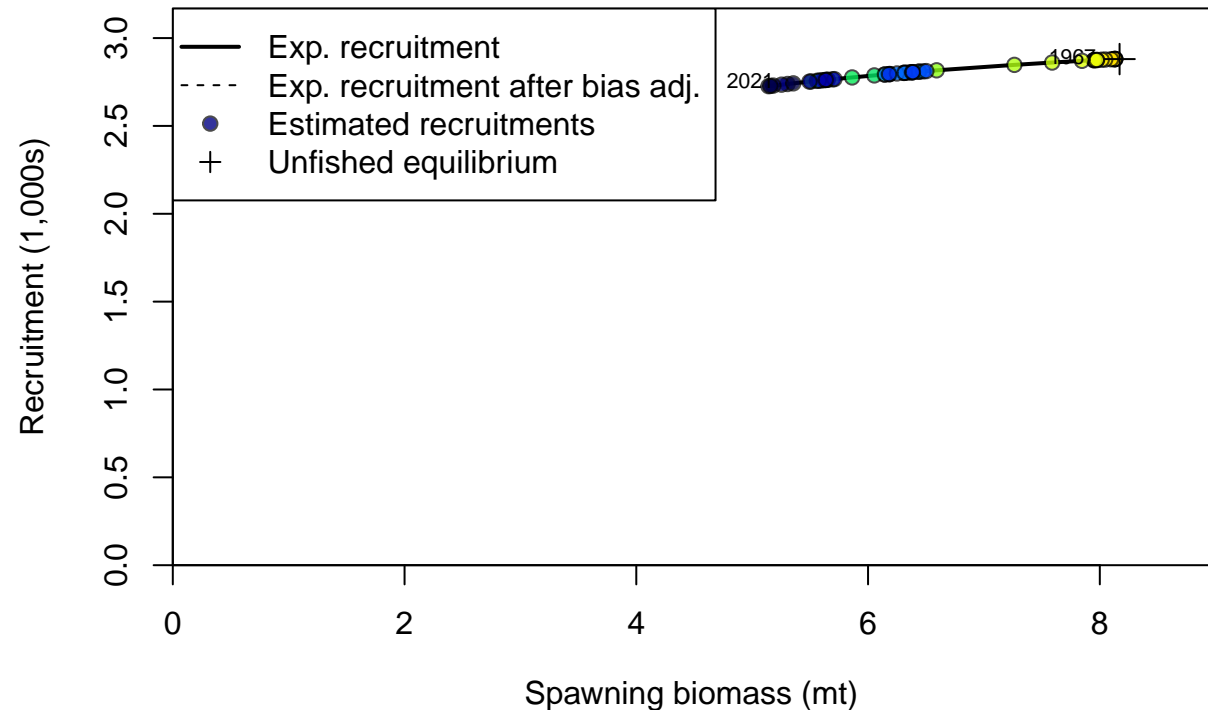


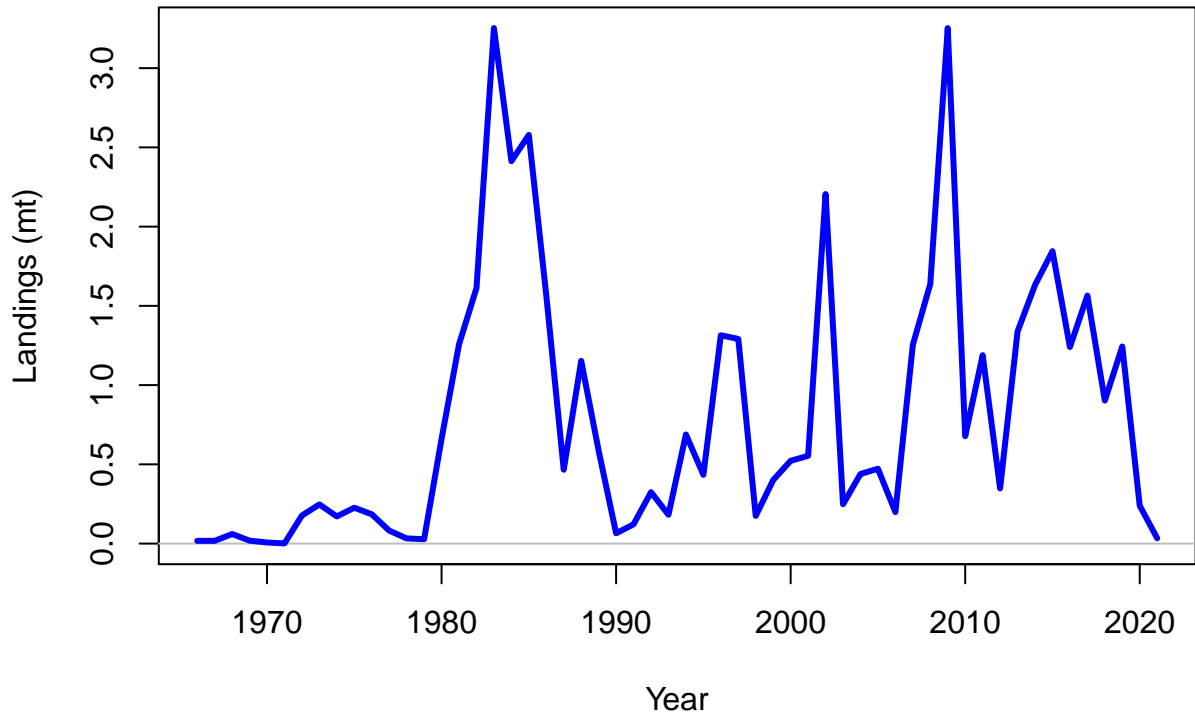
Summary Fishing Mortality

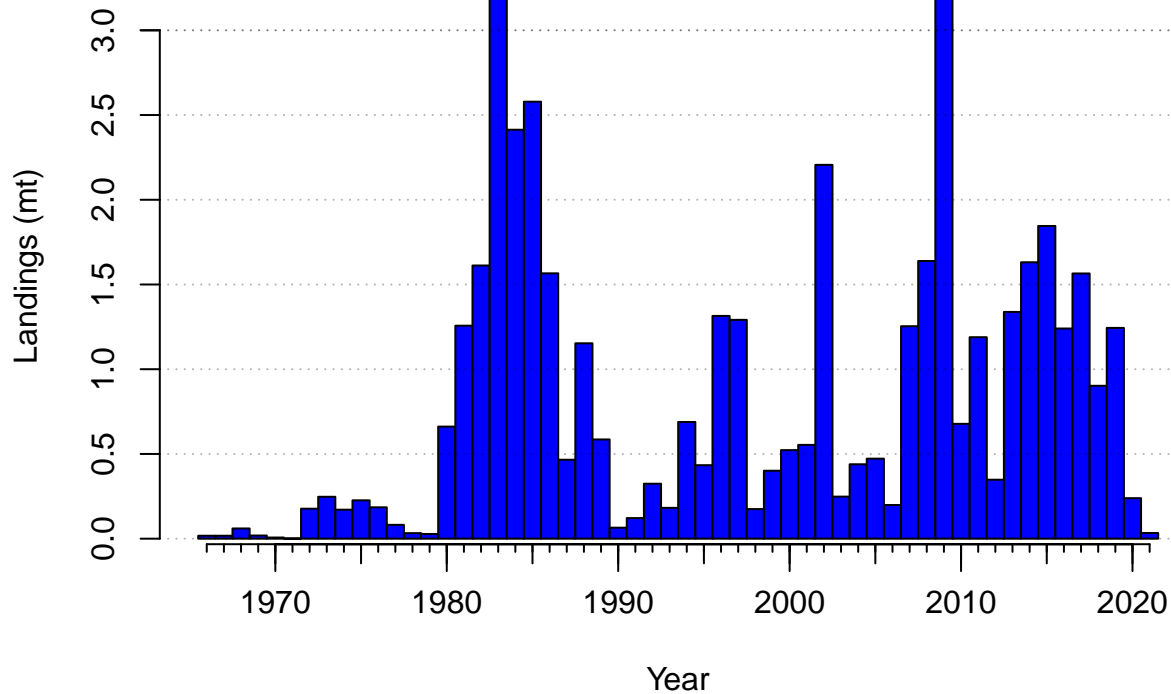


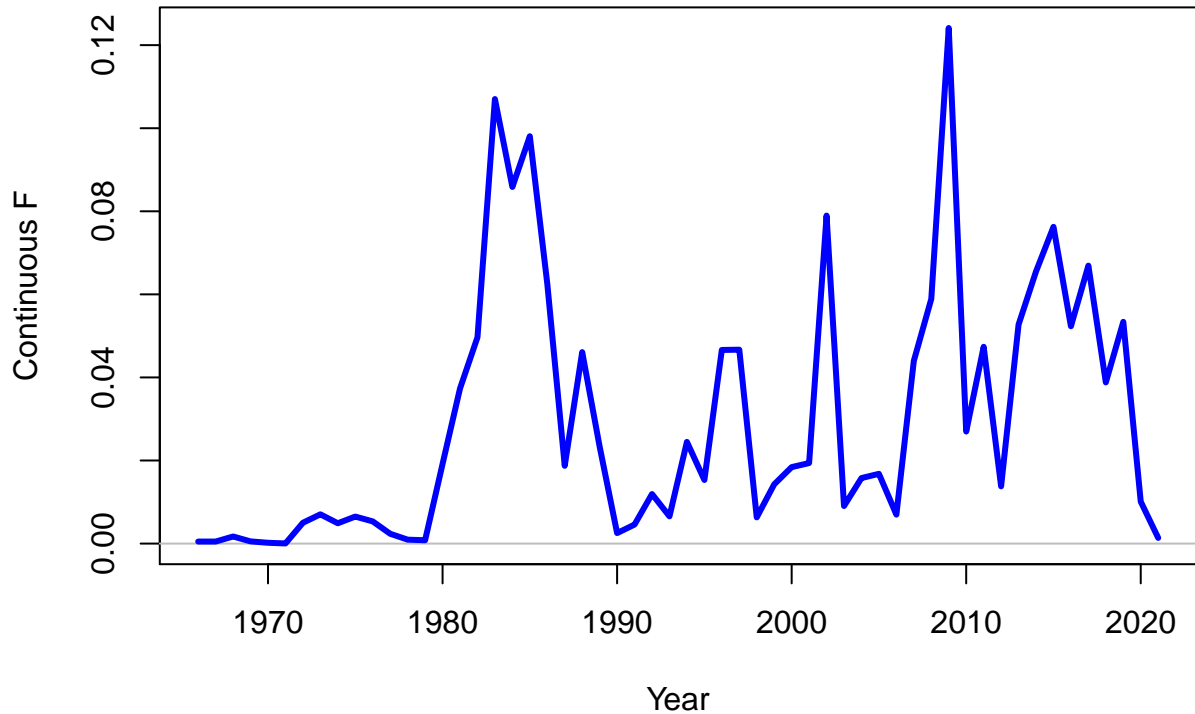




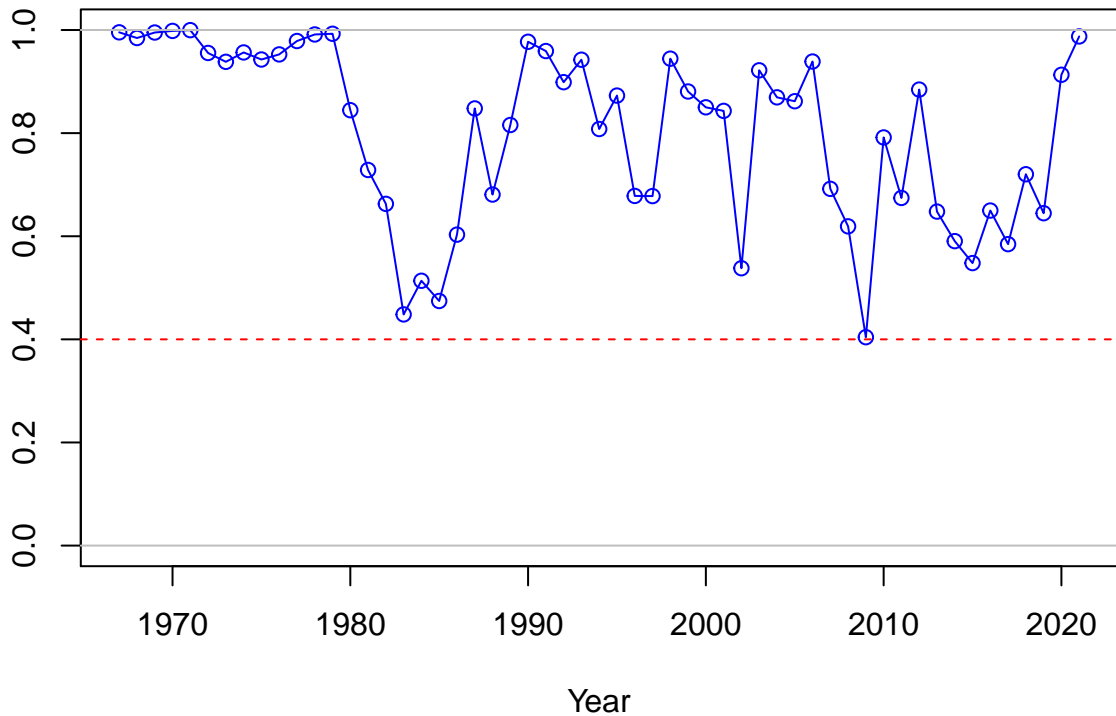




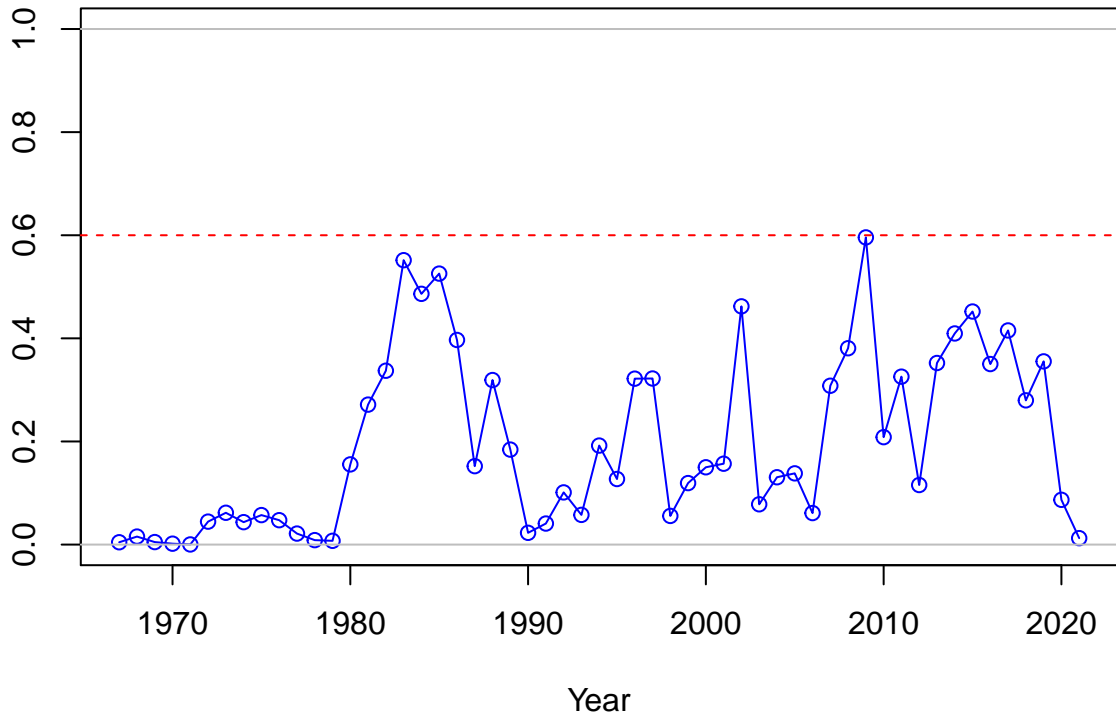




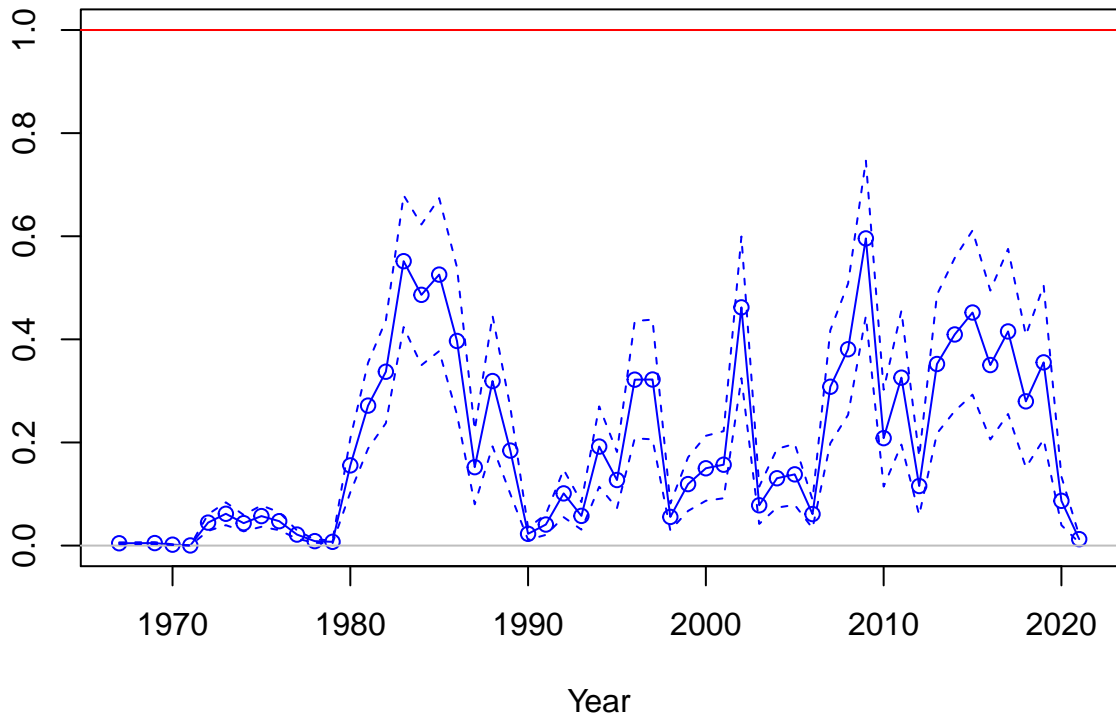
SPR

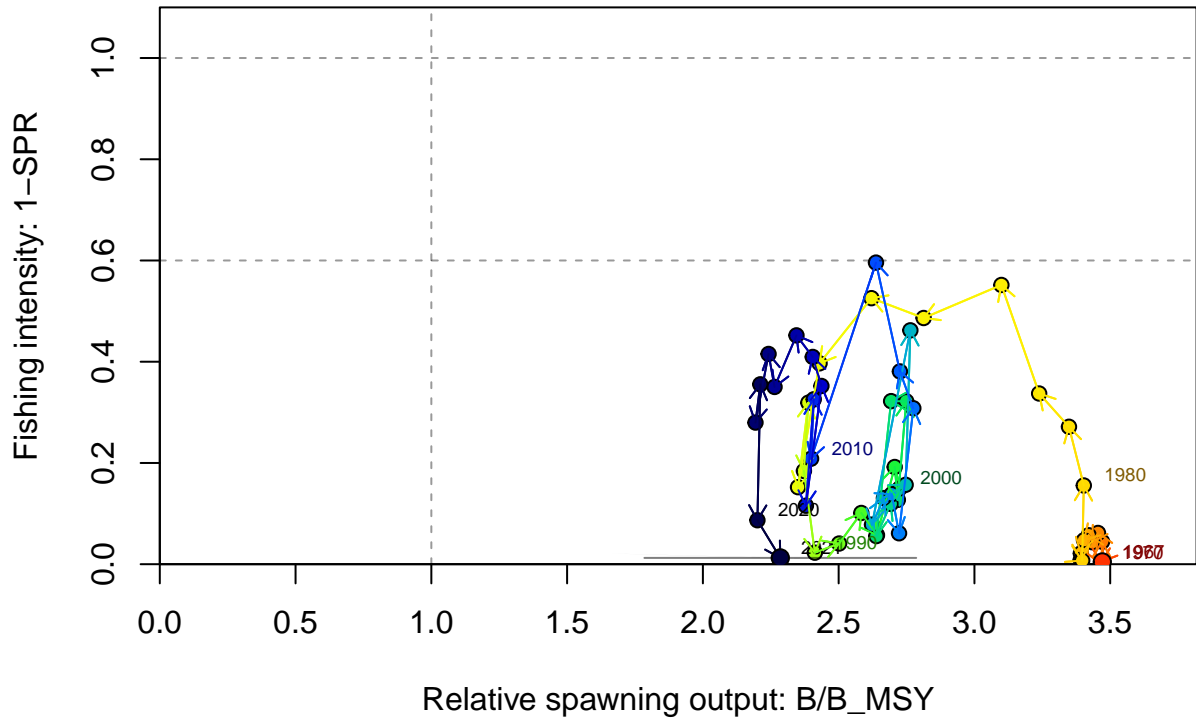


1-SPR



Fishing intensity: 1-SPR



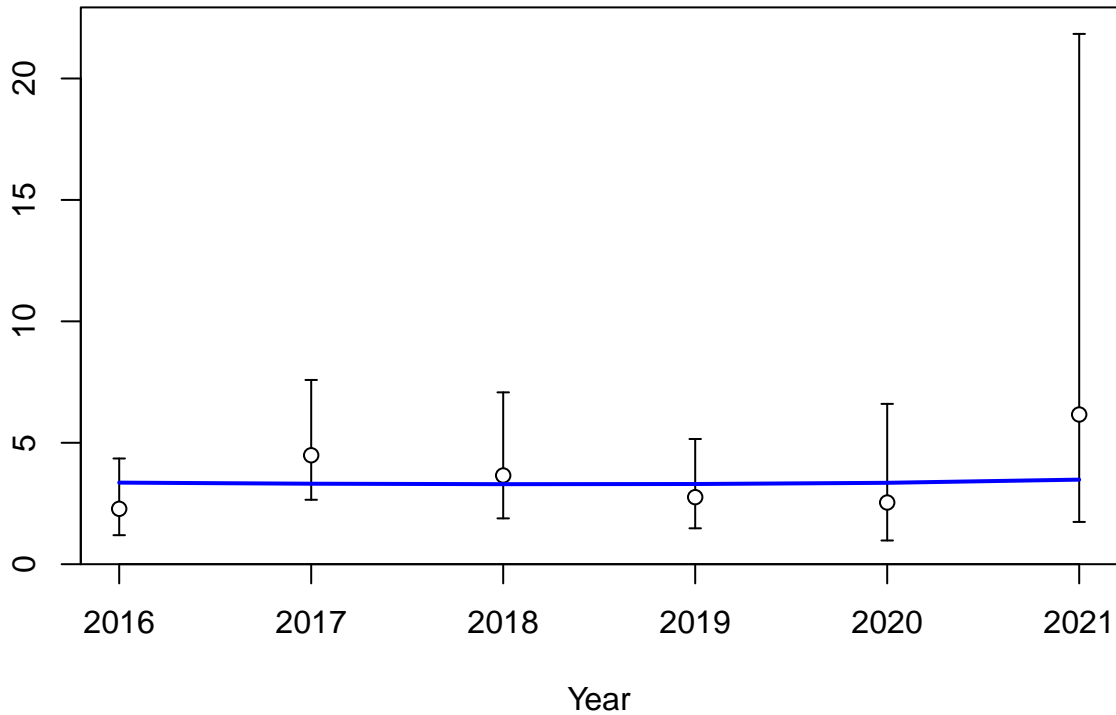


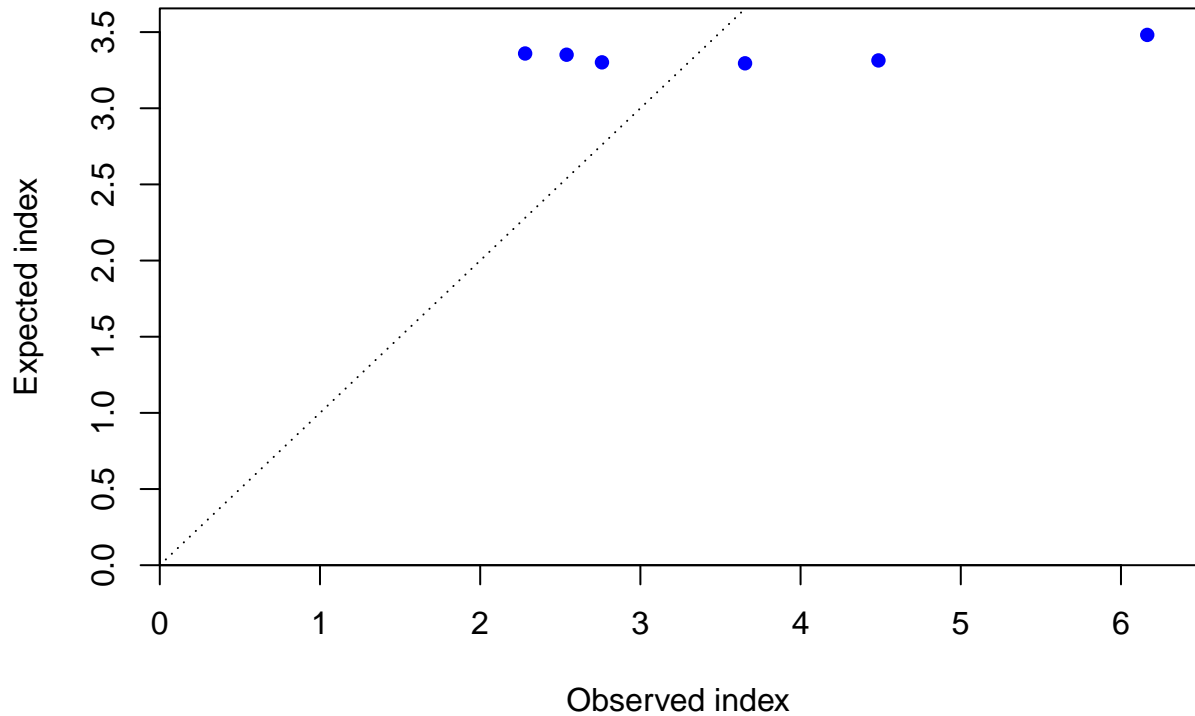
Index



Year

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3.0
2.5
2.0
1.5
1.0
0.5
0.0

2016

2017

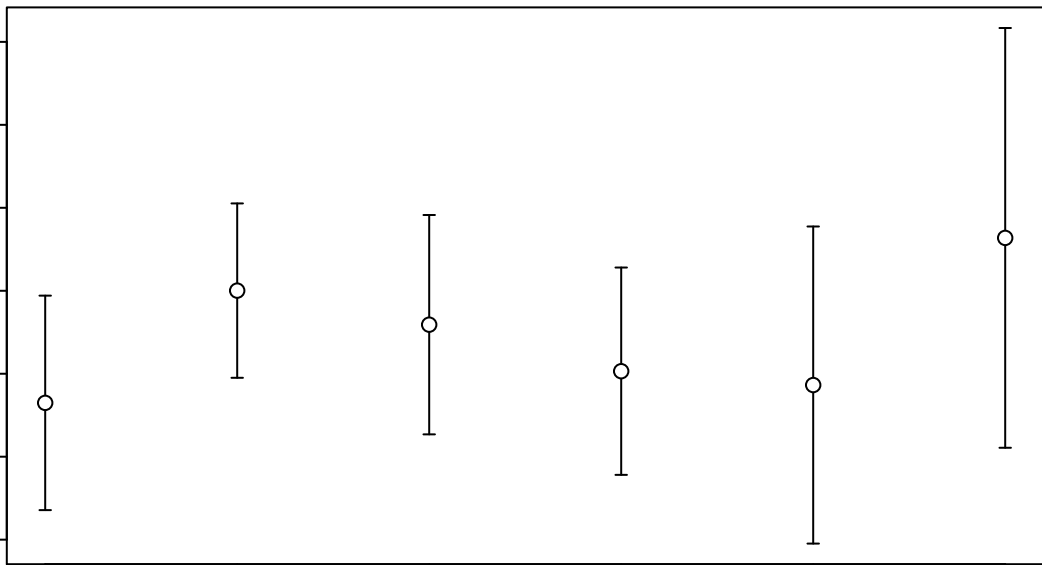
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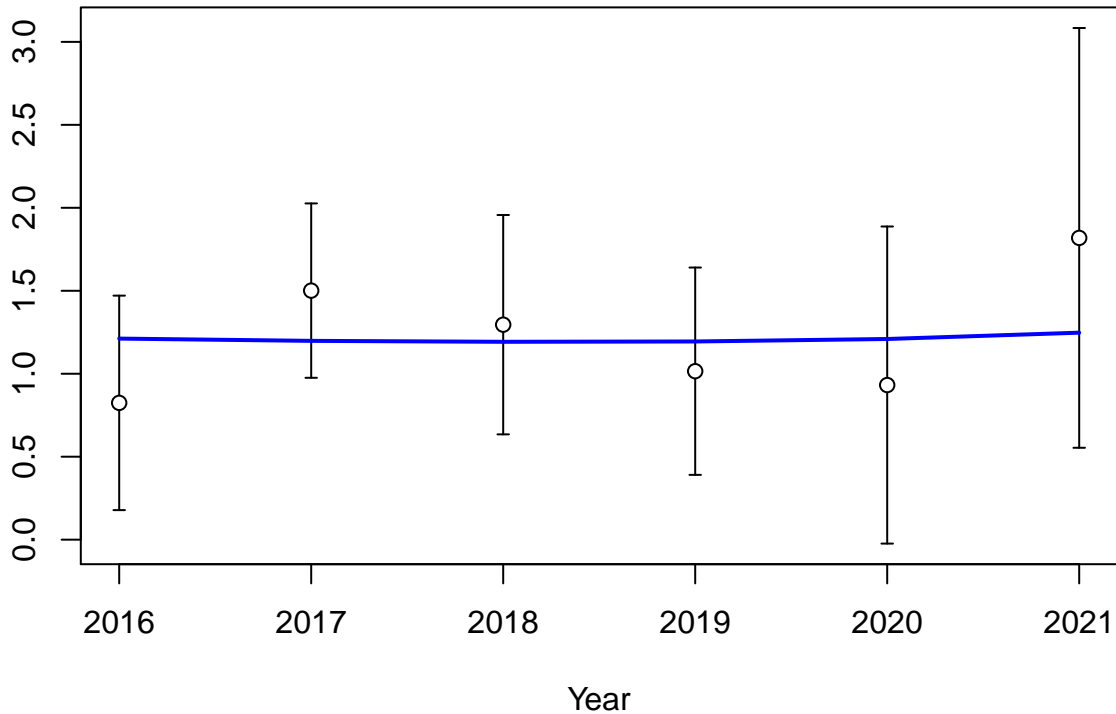
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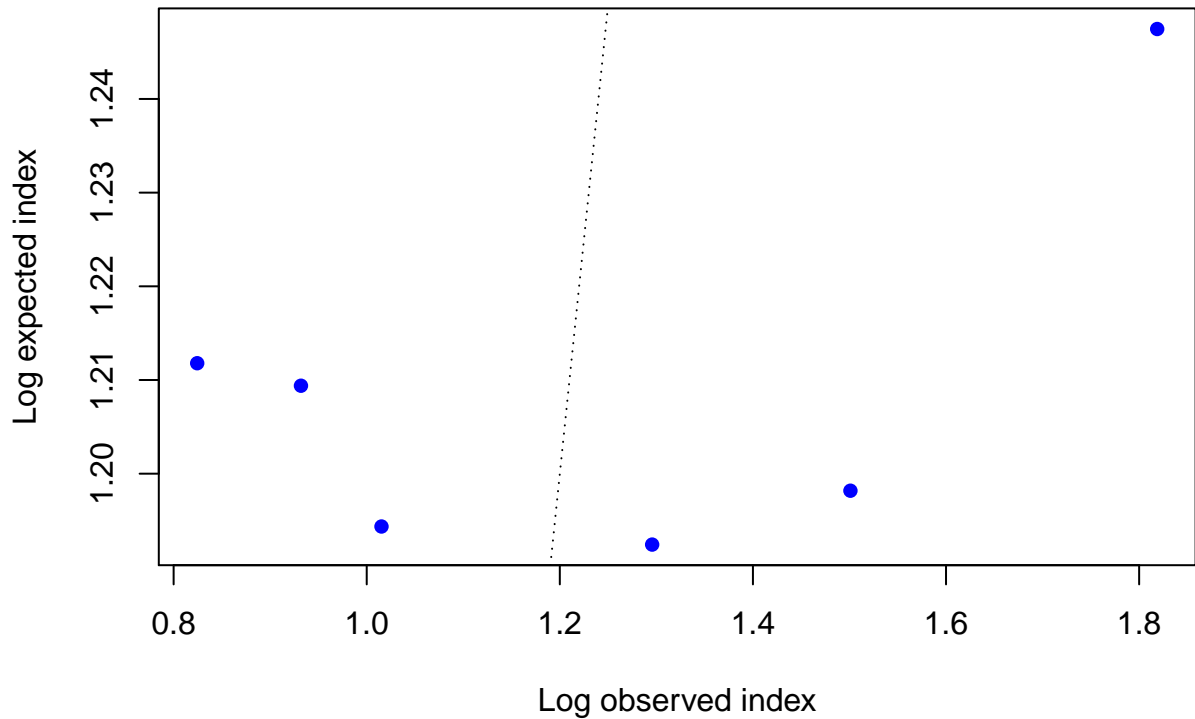
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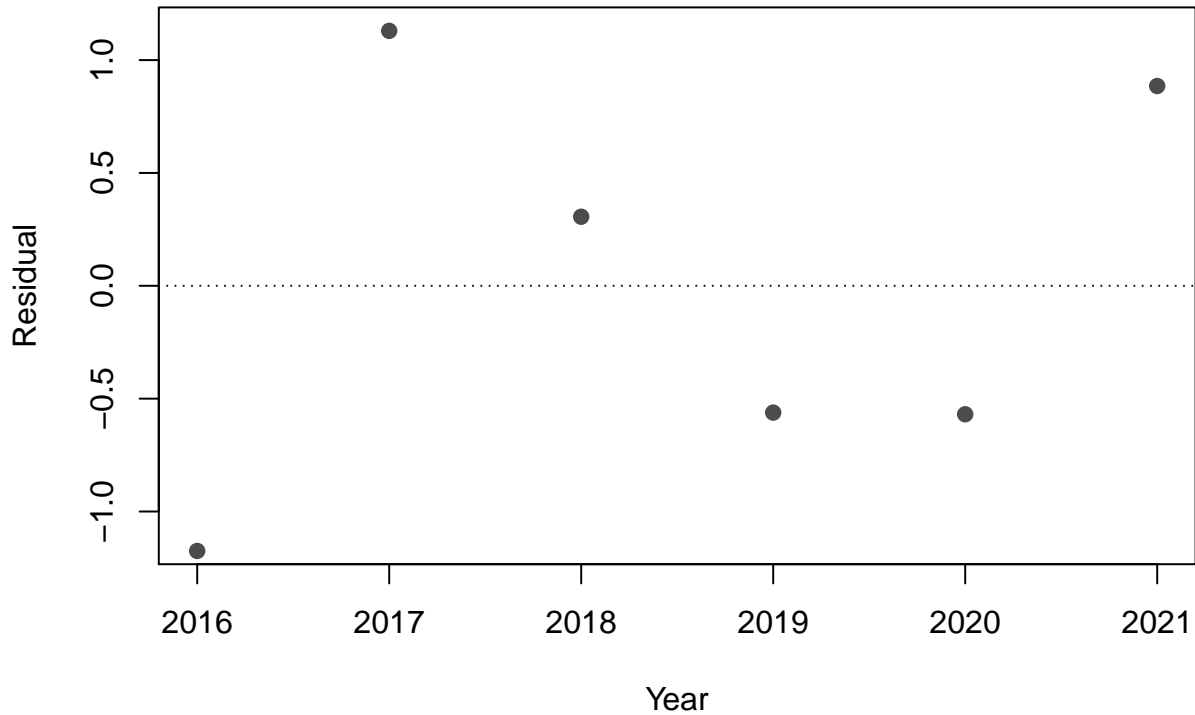
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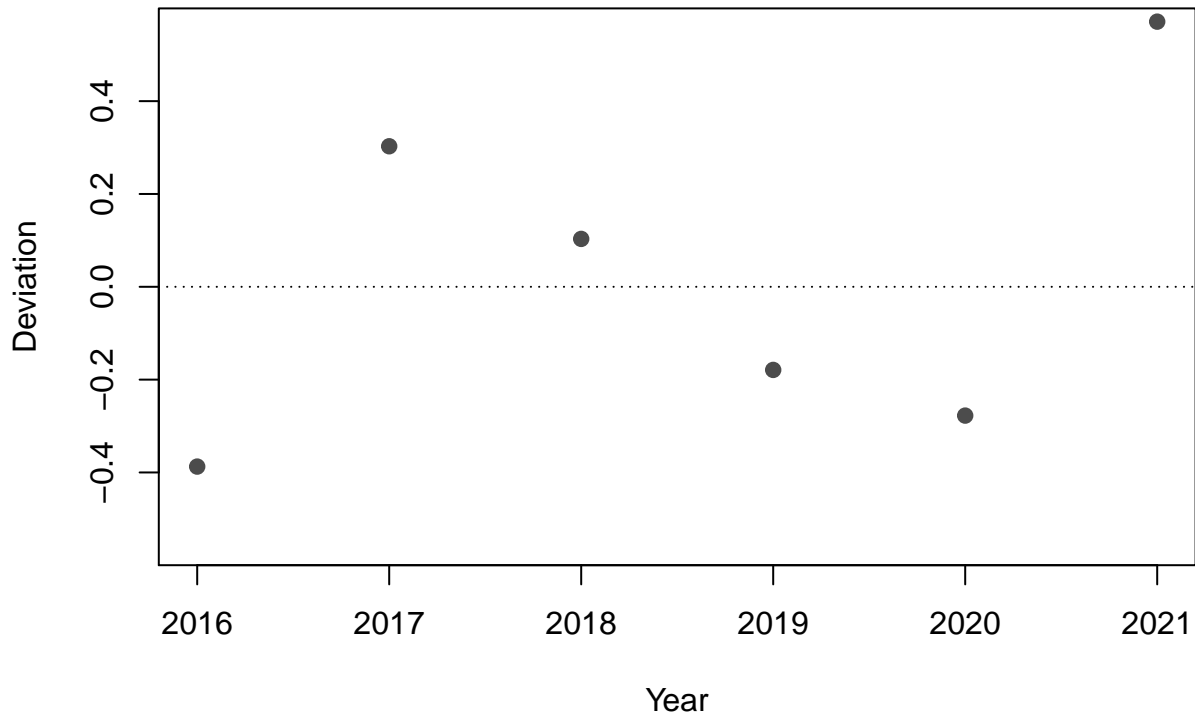


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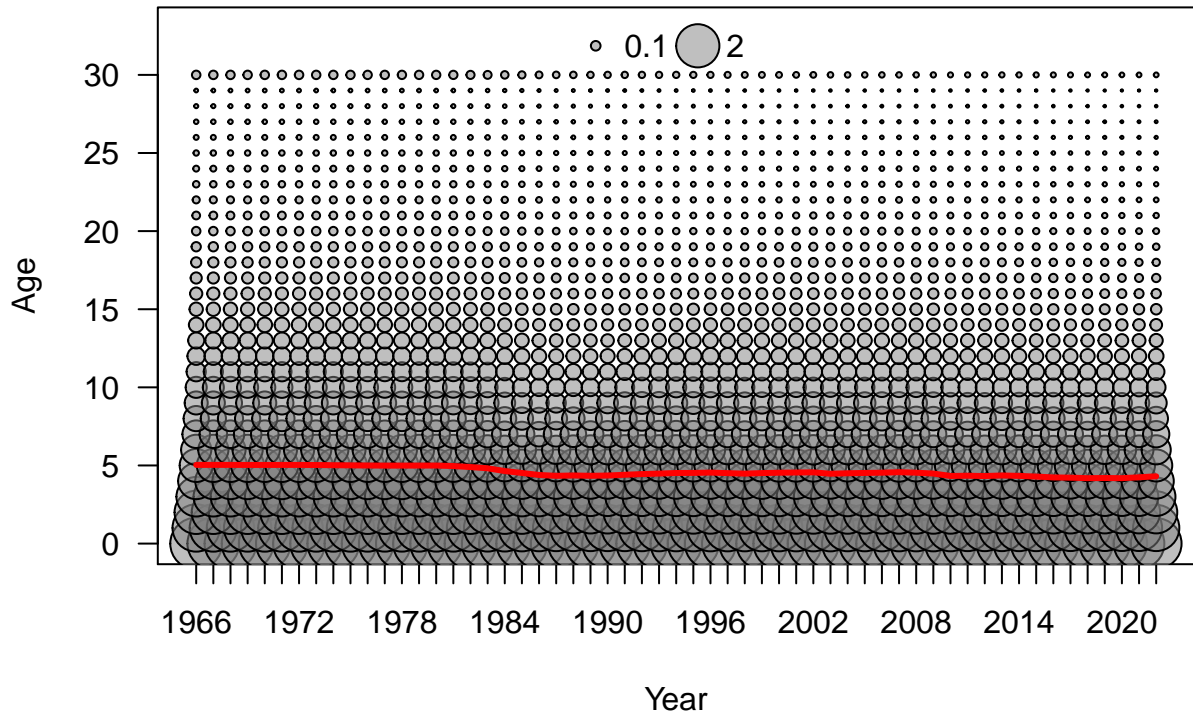


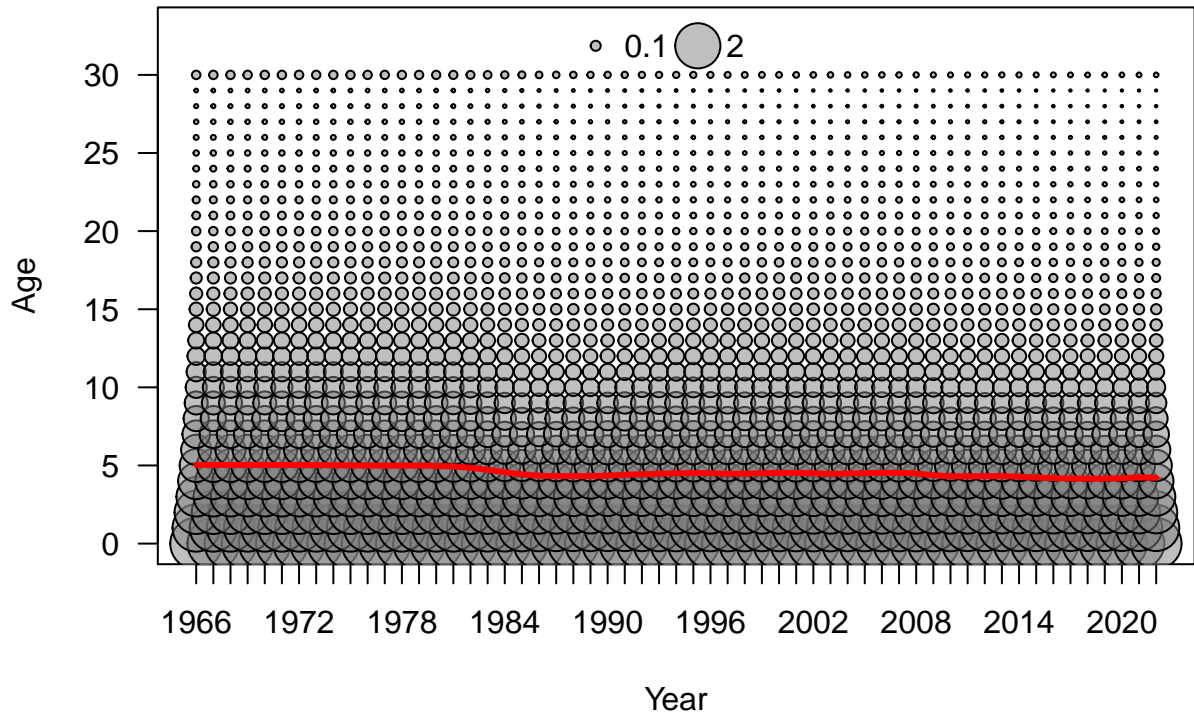


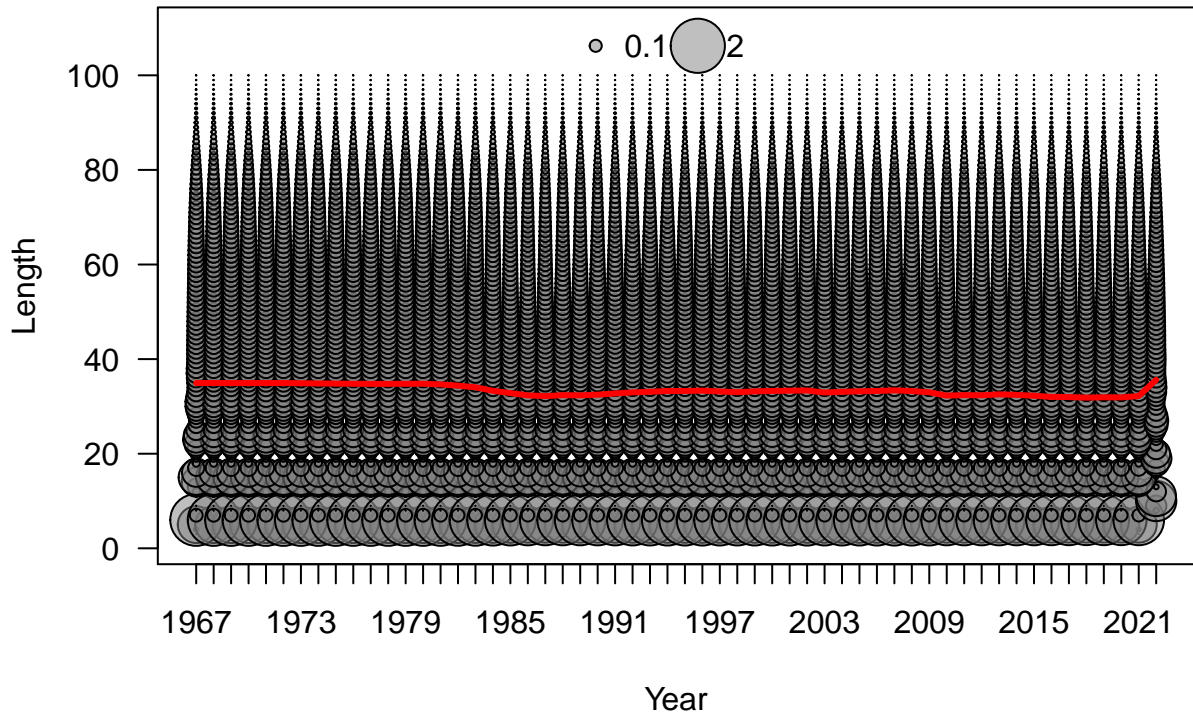


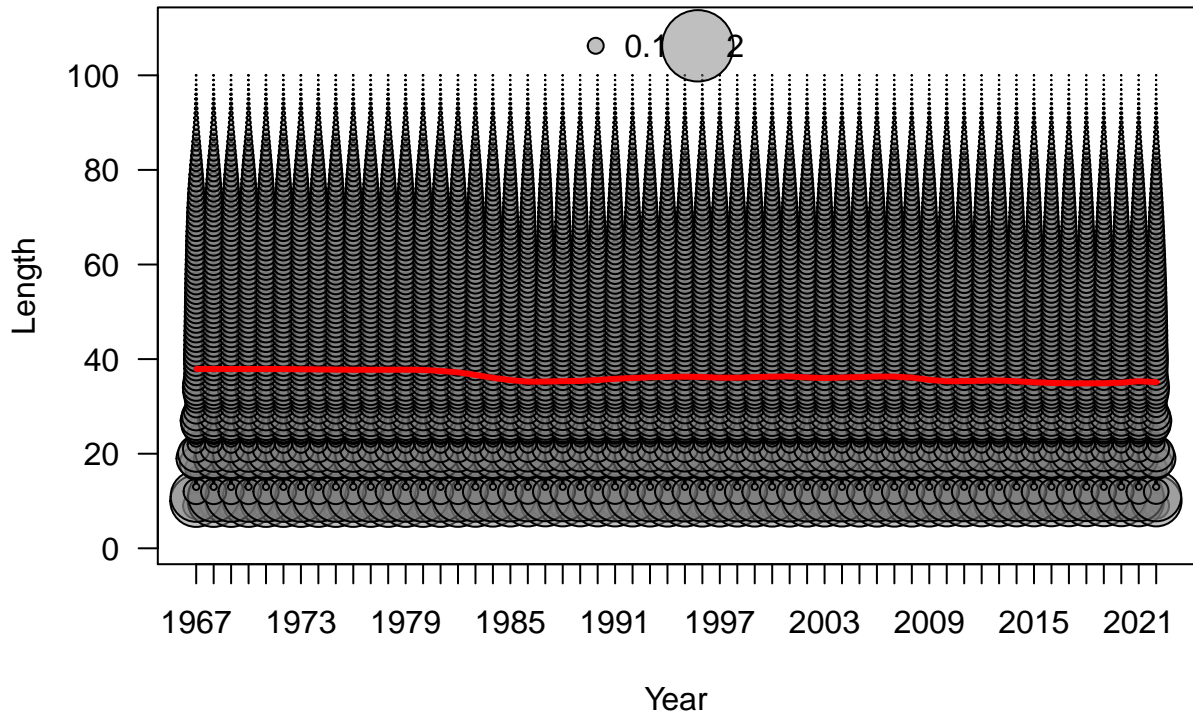


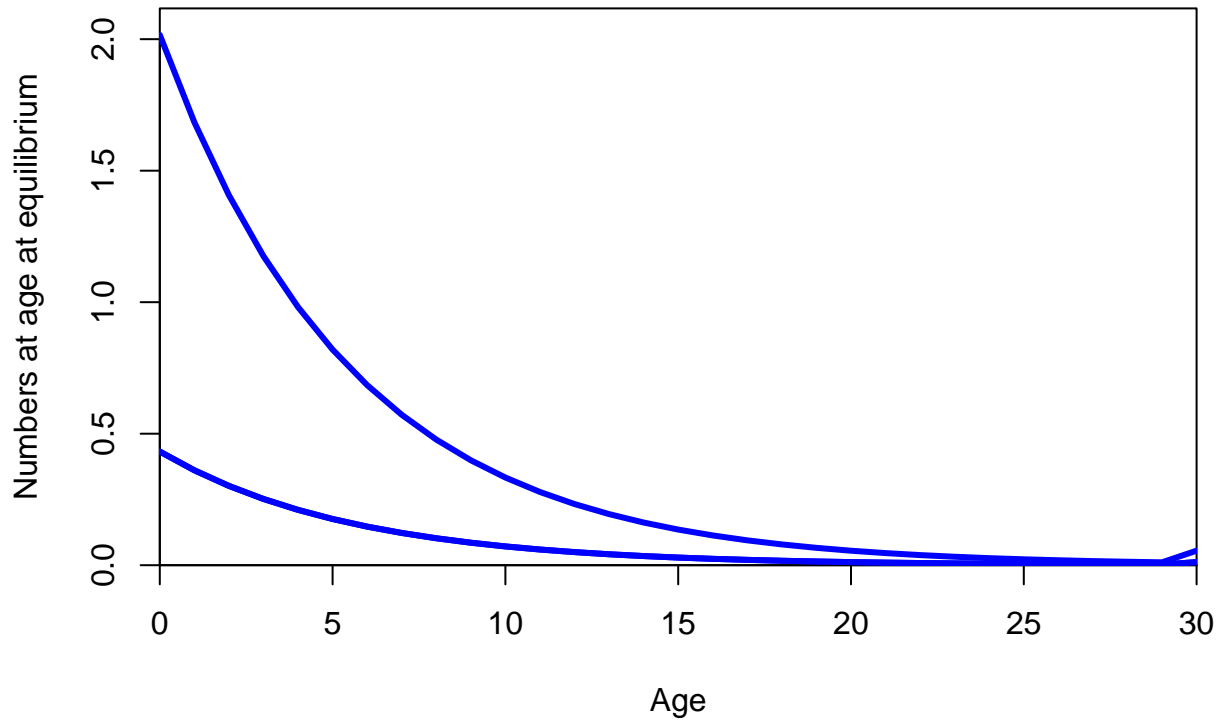






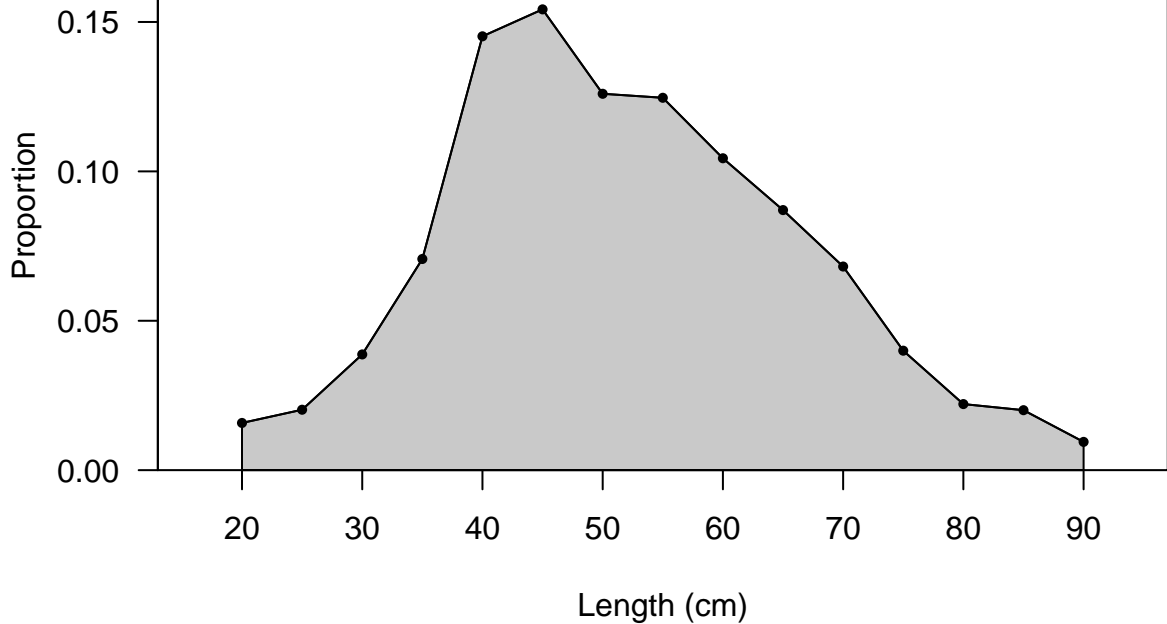






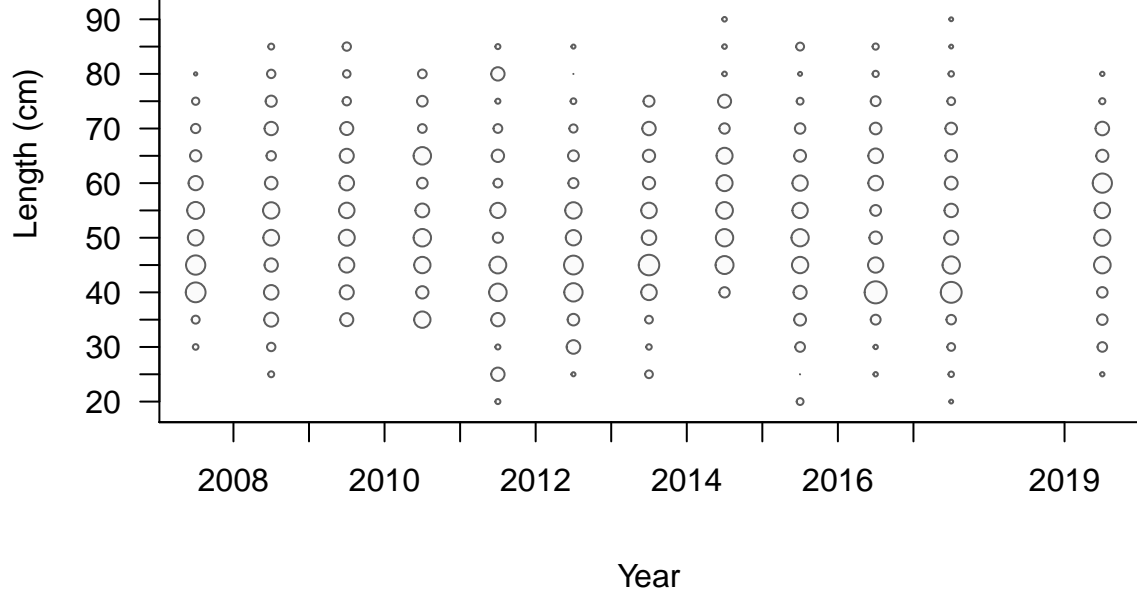
FISHERY

Sum of N adj.=970.8

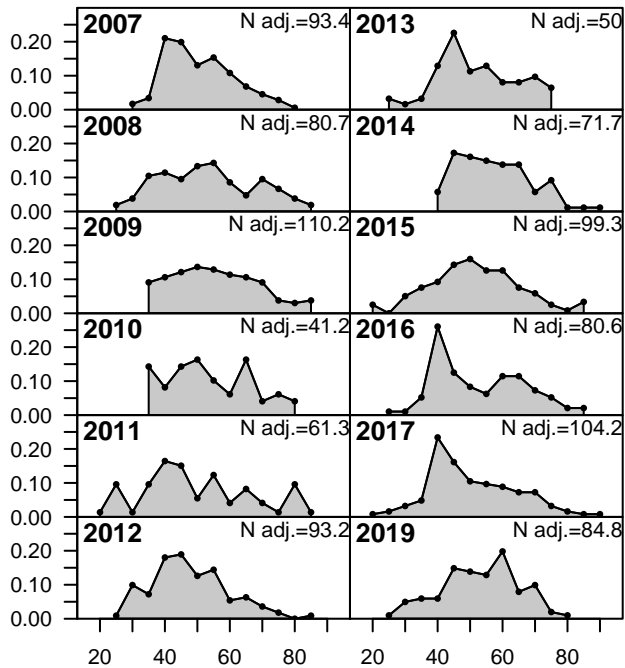


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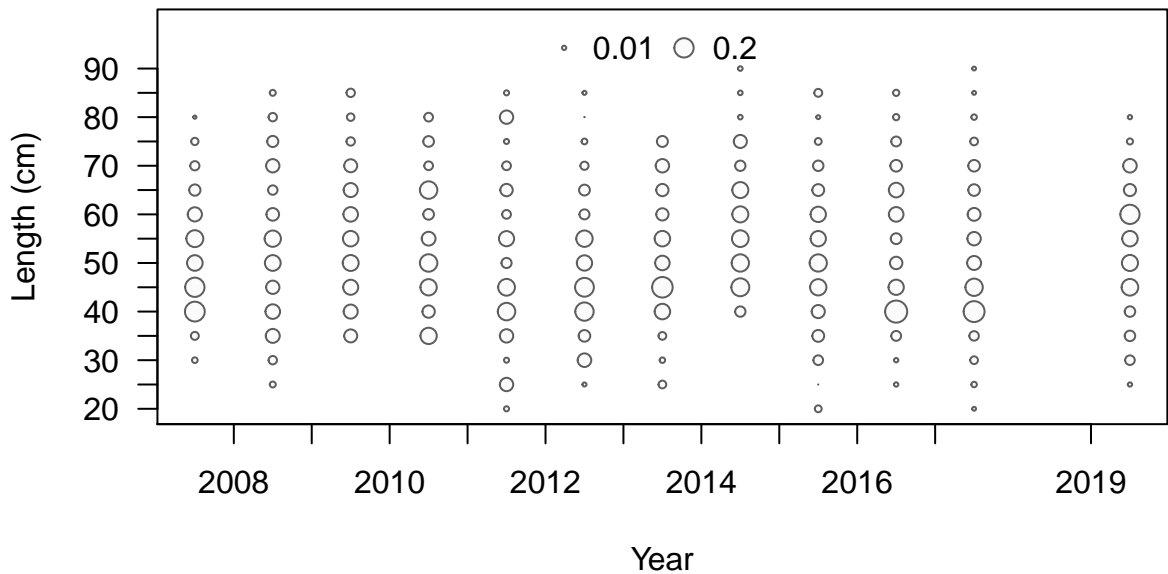
◦ 0.01 ○ 0.2



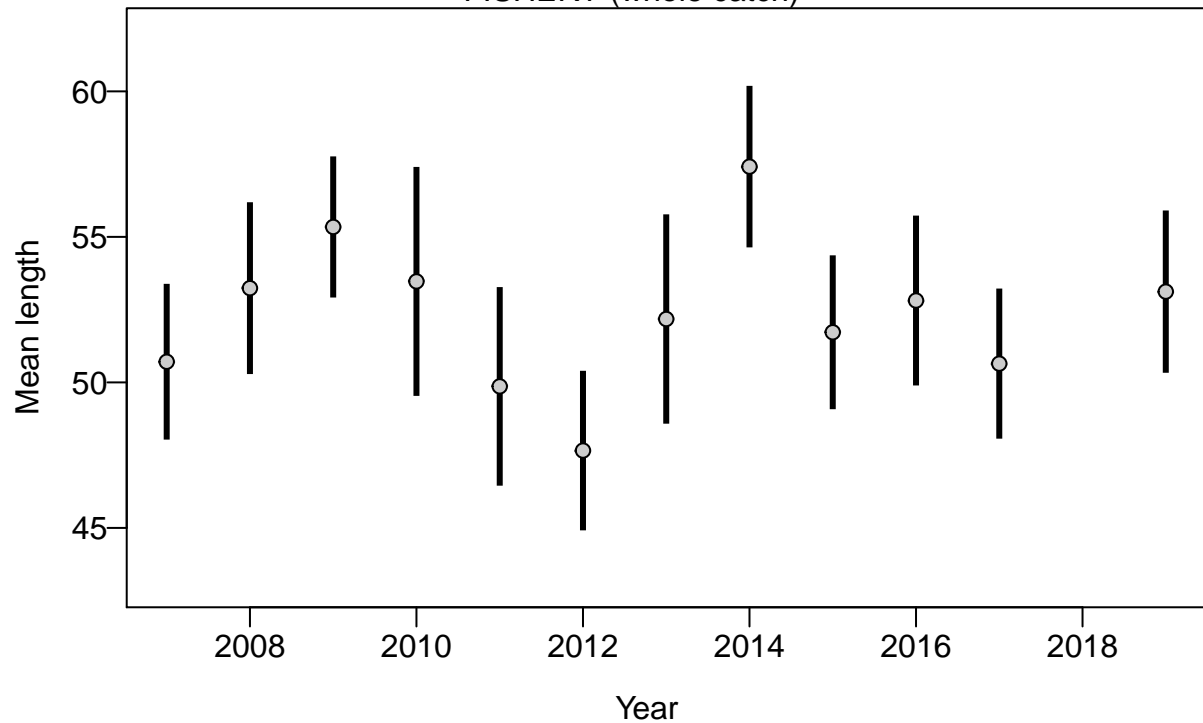
Proportion



Length (cm)

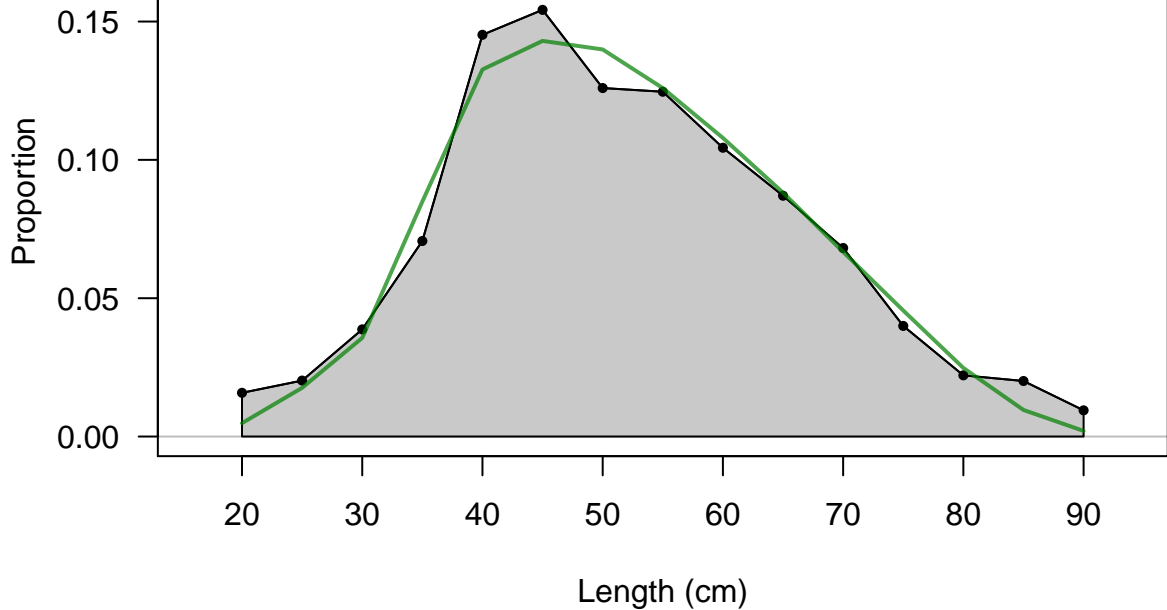


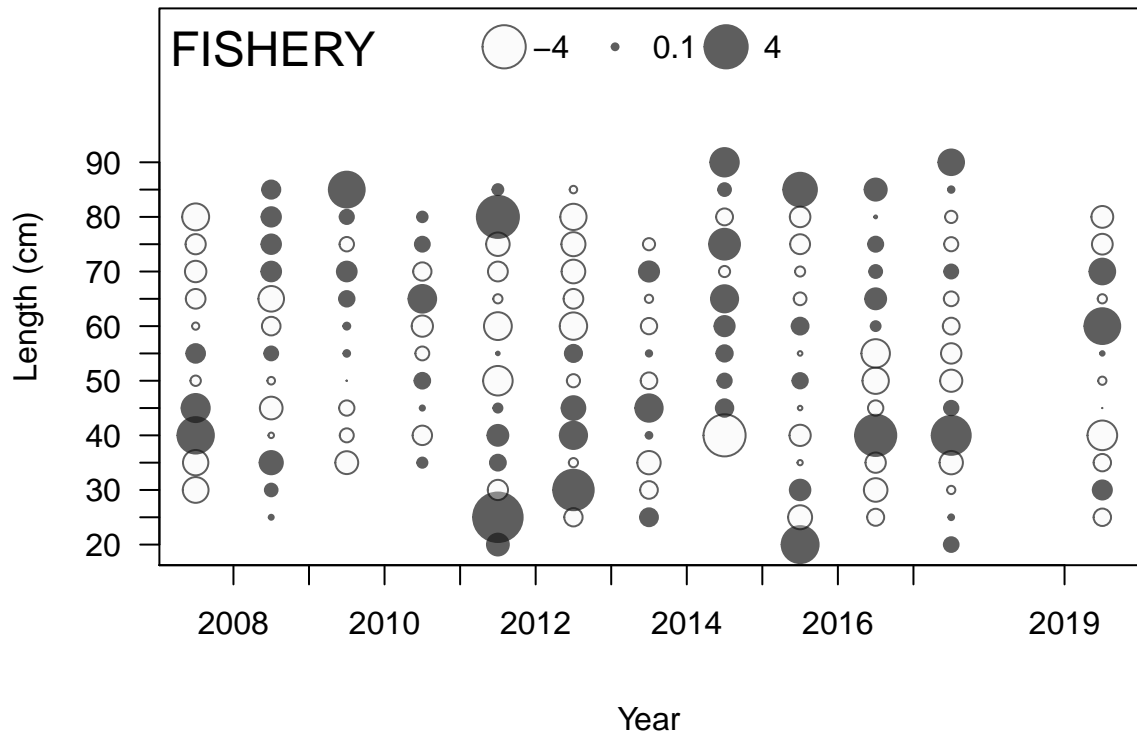
FISHERY (whole catch)



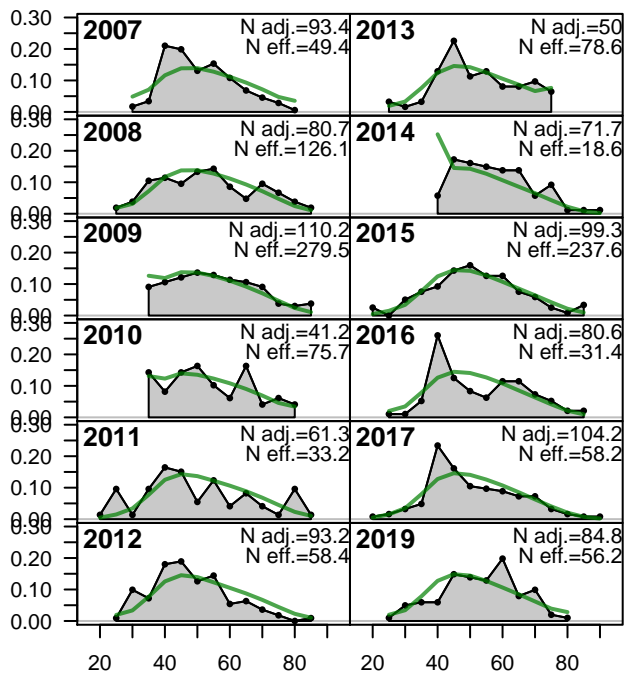
FISHERY

Sum of N adj.=970.8
Sum of N eff.=1102.7

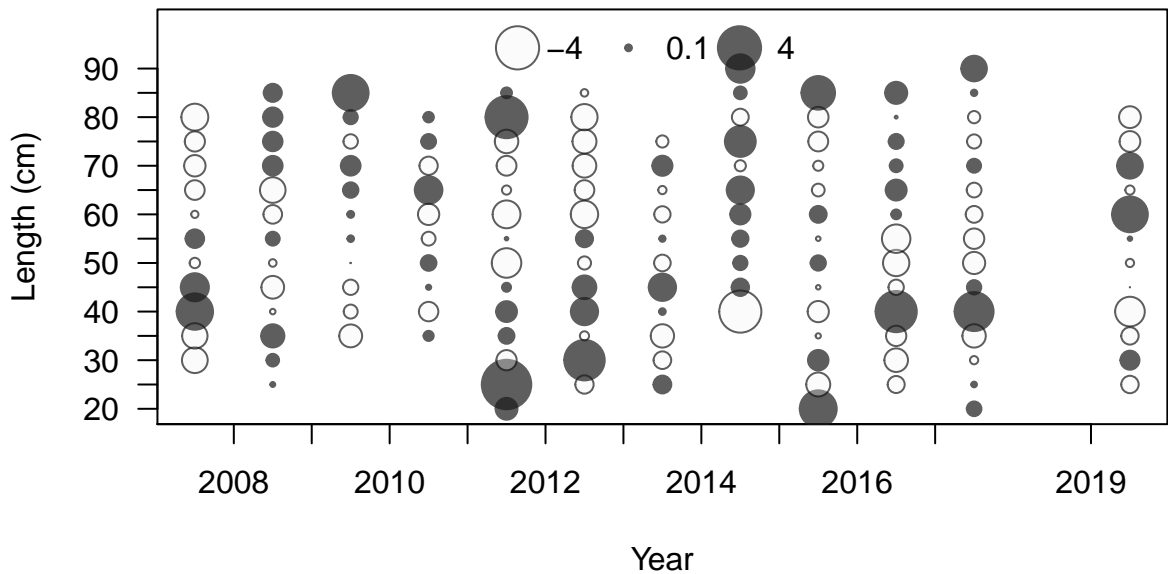




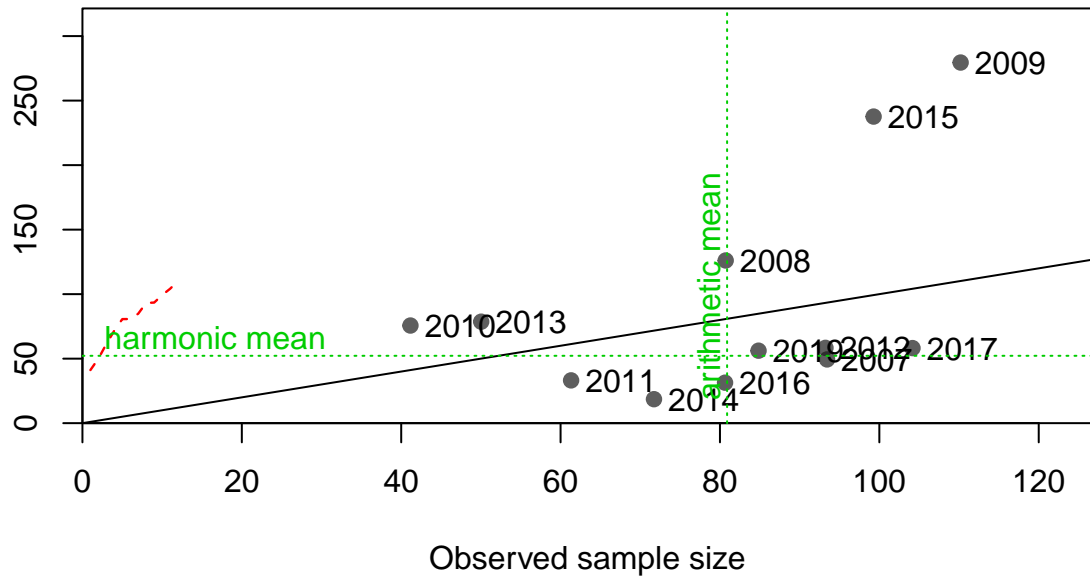
Proportion



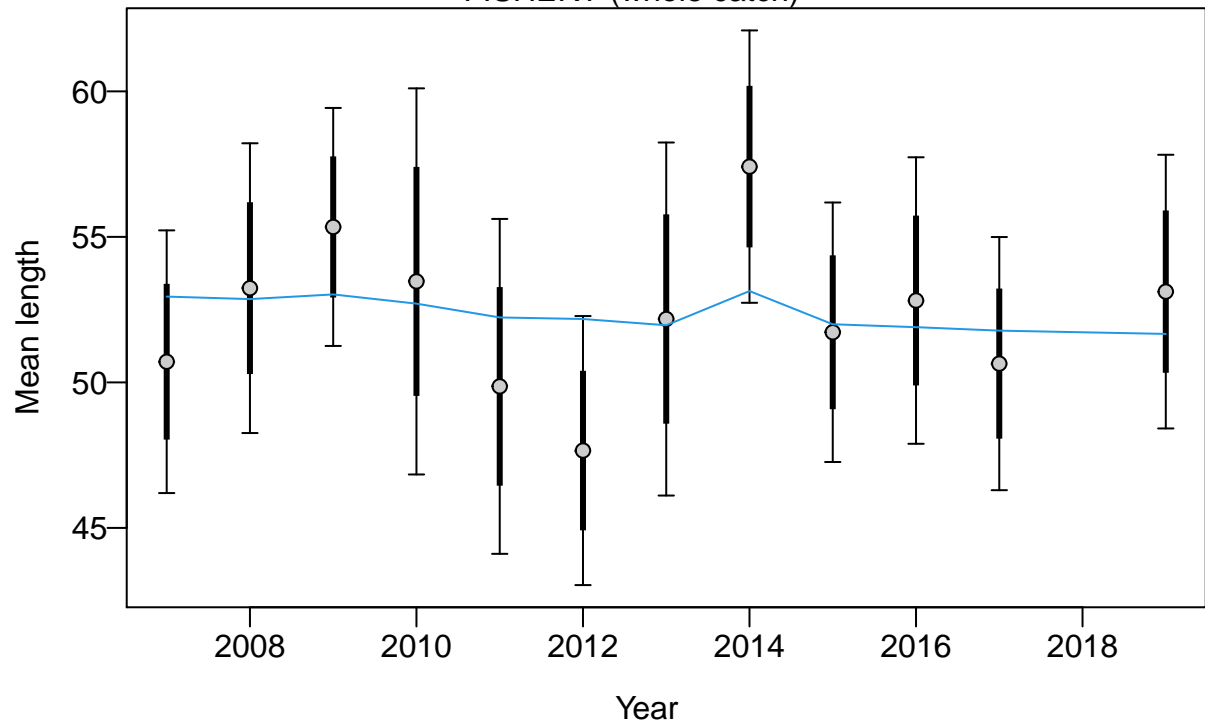
Length (cm)

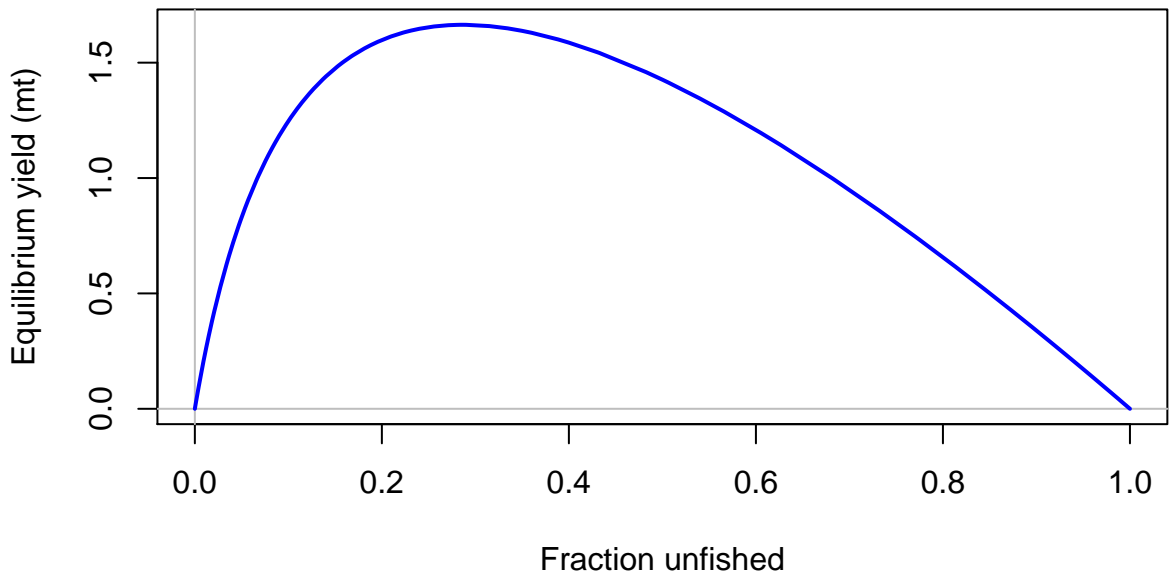


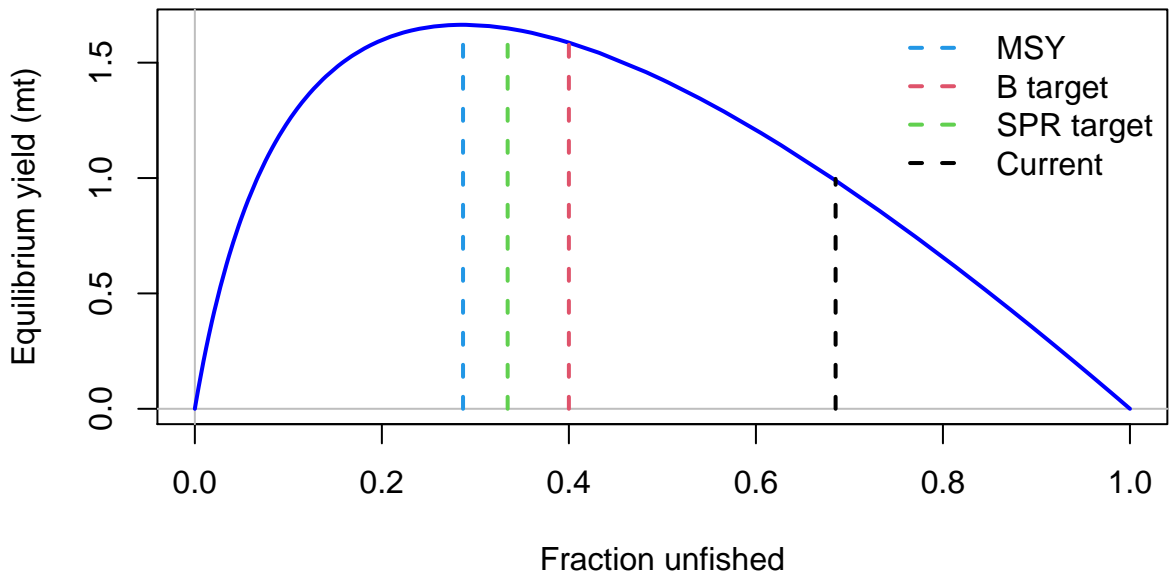
Effective sample size

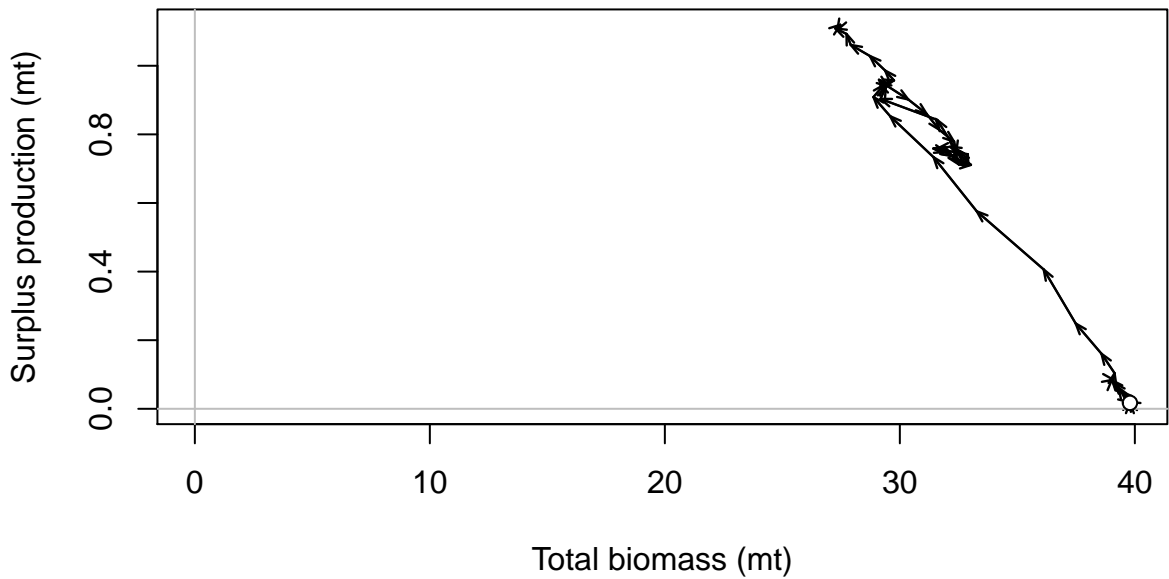


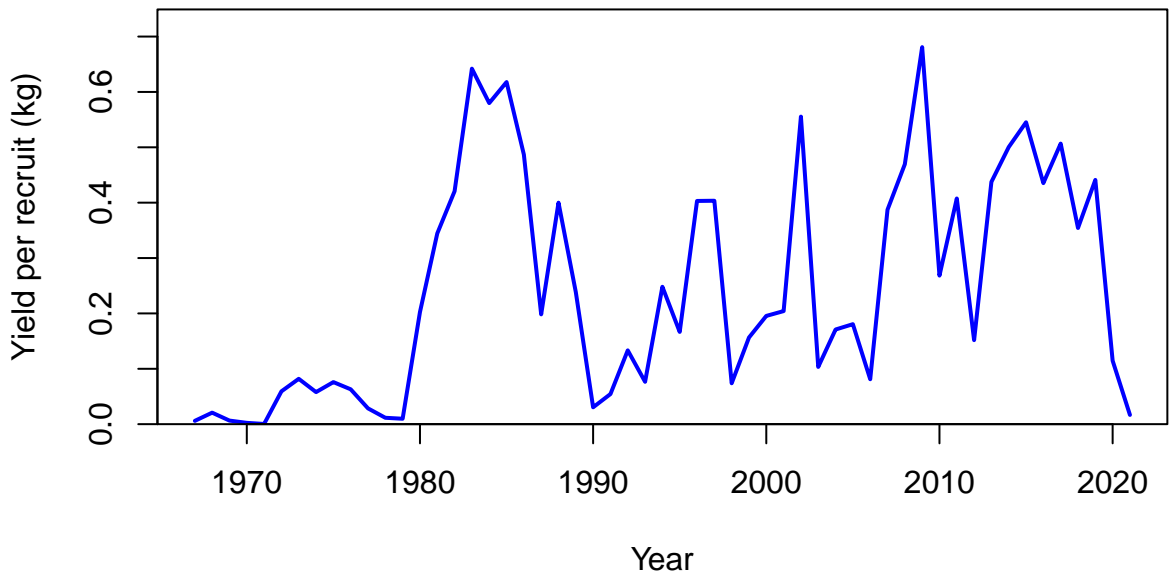
FISHERY (whole catch)

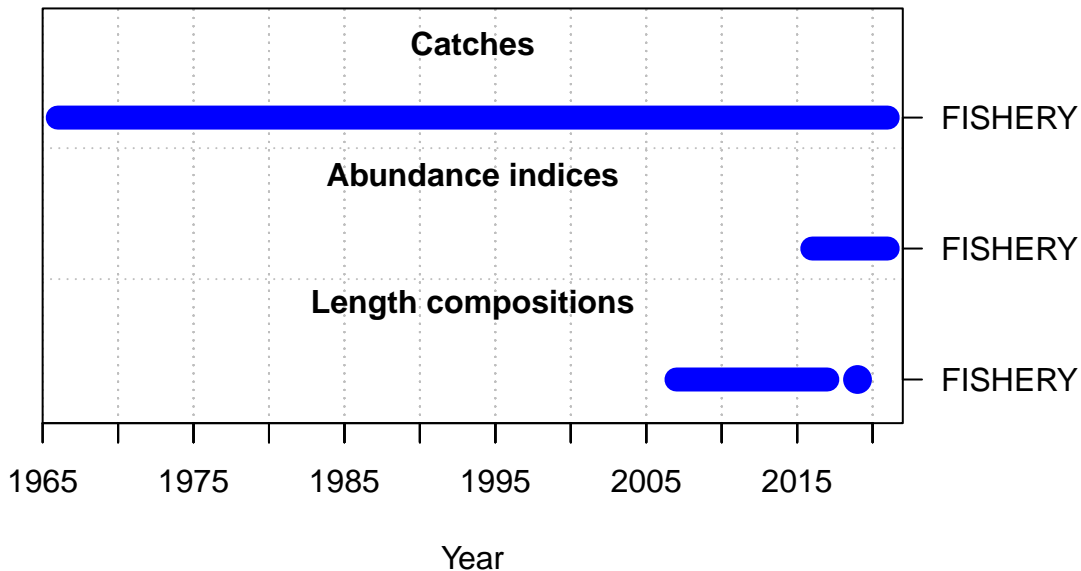


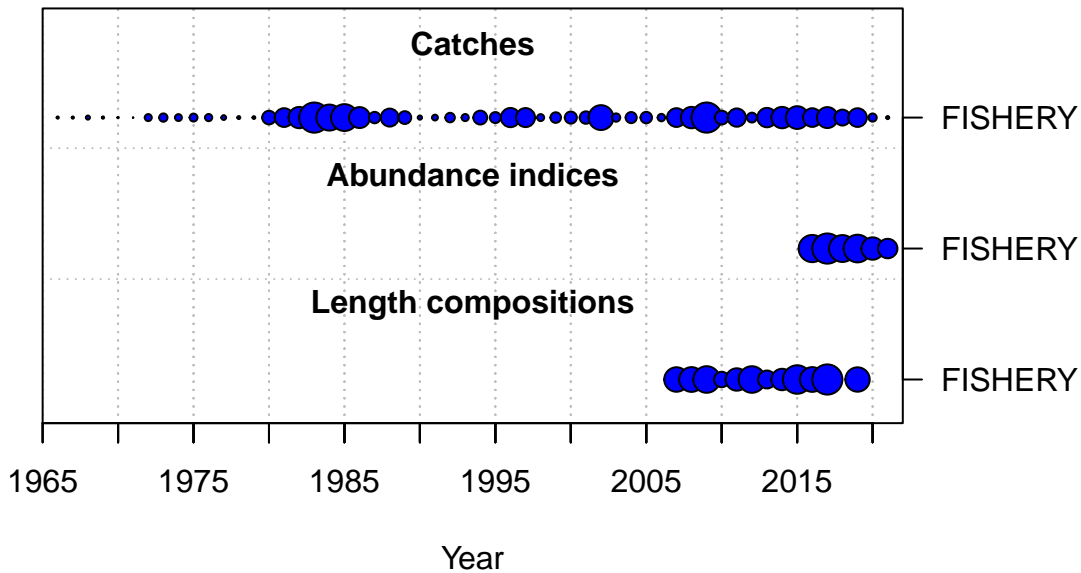




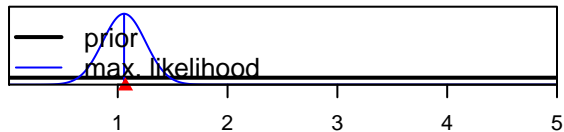




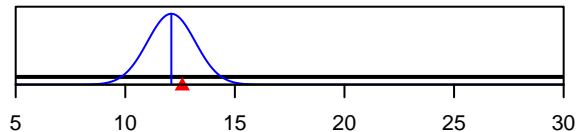




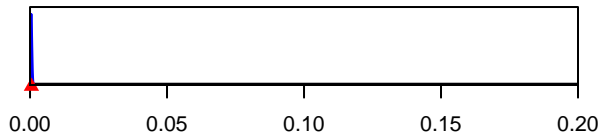
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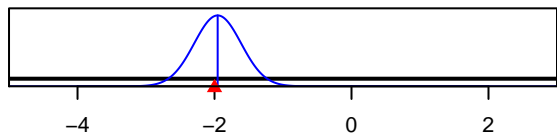
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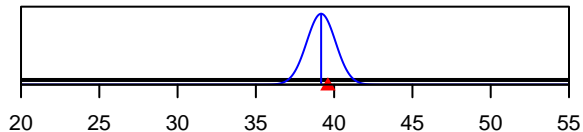
InitF_seas_1_flt_1FISHERY



LnQ_base_FISHERY(1)



Size_inflection_FISHERY(1)



Parameter value