

Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Sat Oct 15 15:21:59 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

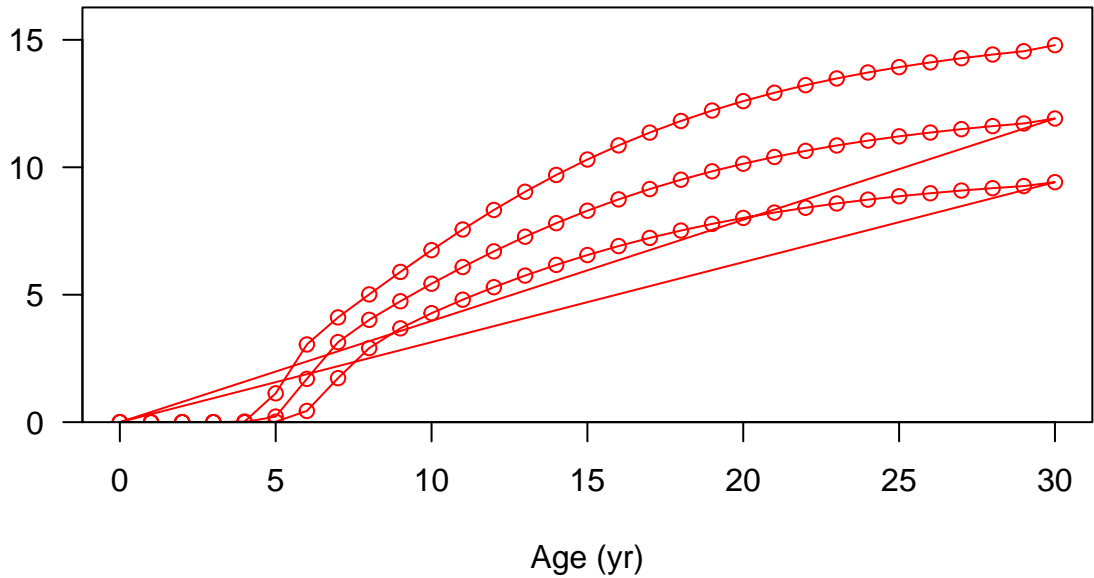
80

100

Length (cm)



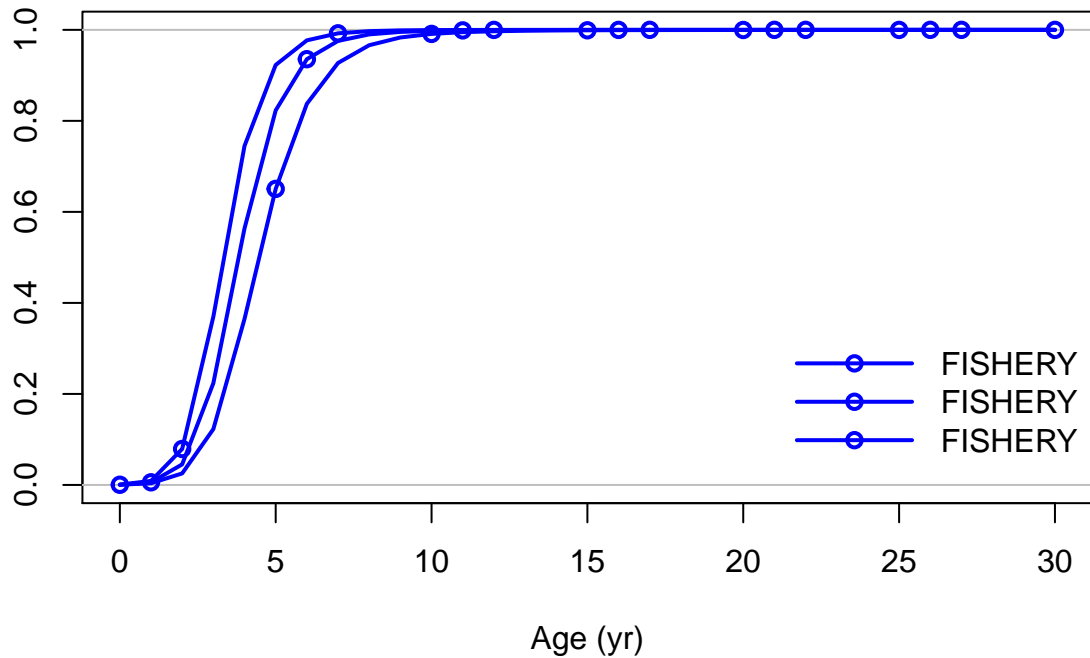
Spawning output



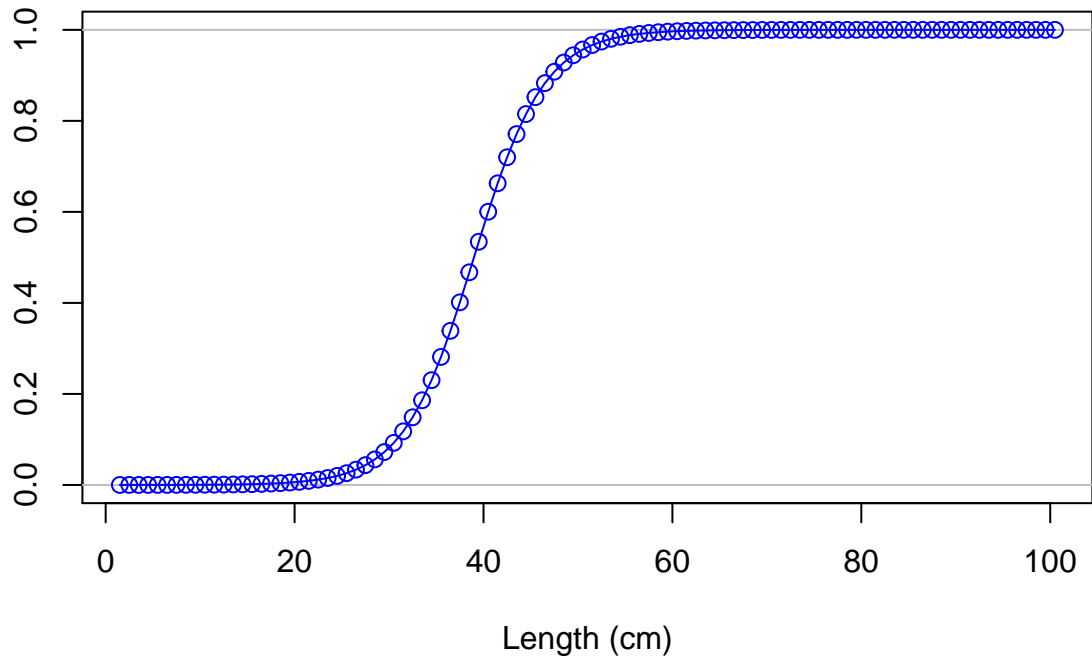
Selectivity

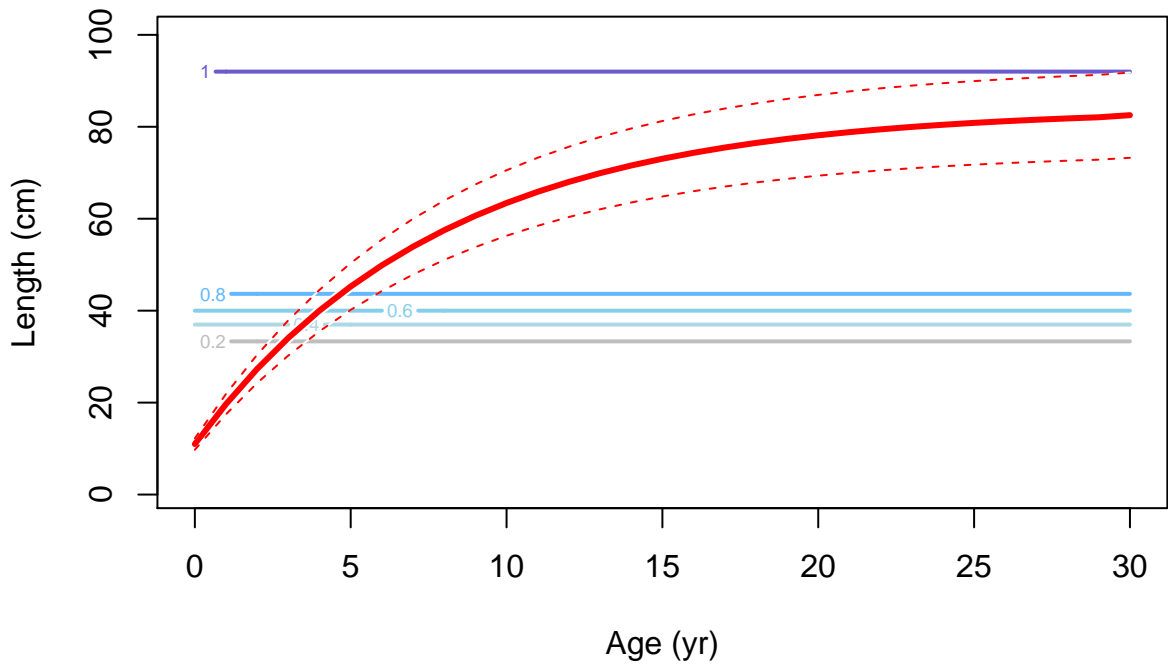


Selectivity

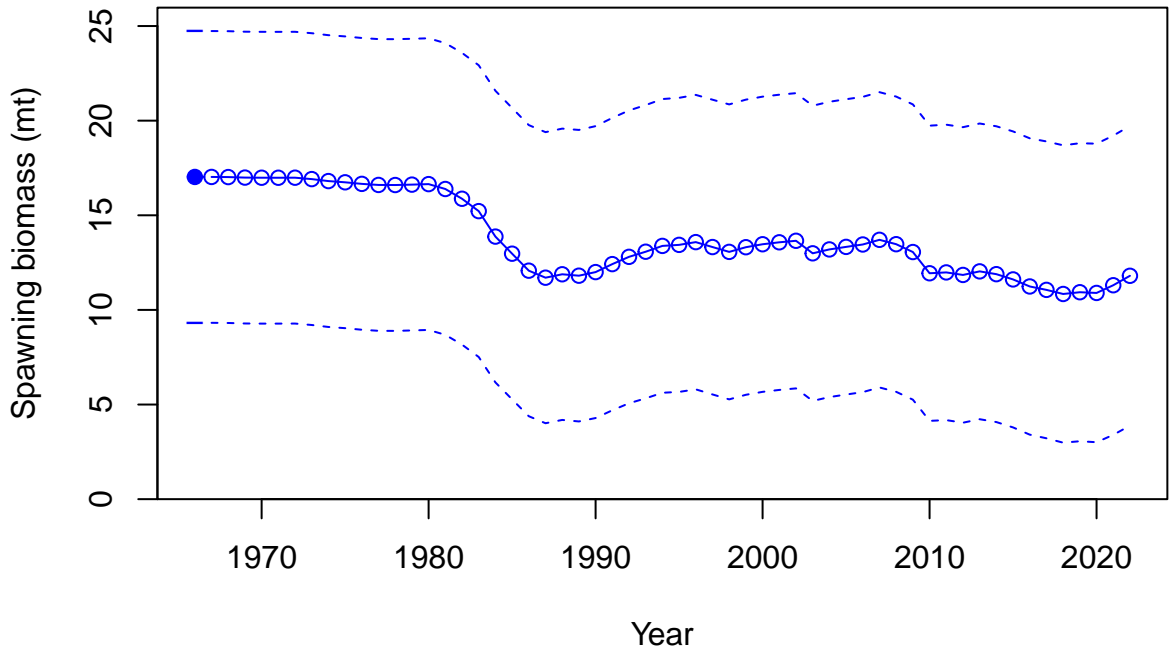


Selectivity









Relative spawning biomass: B/B_{MSY}

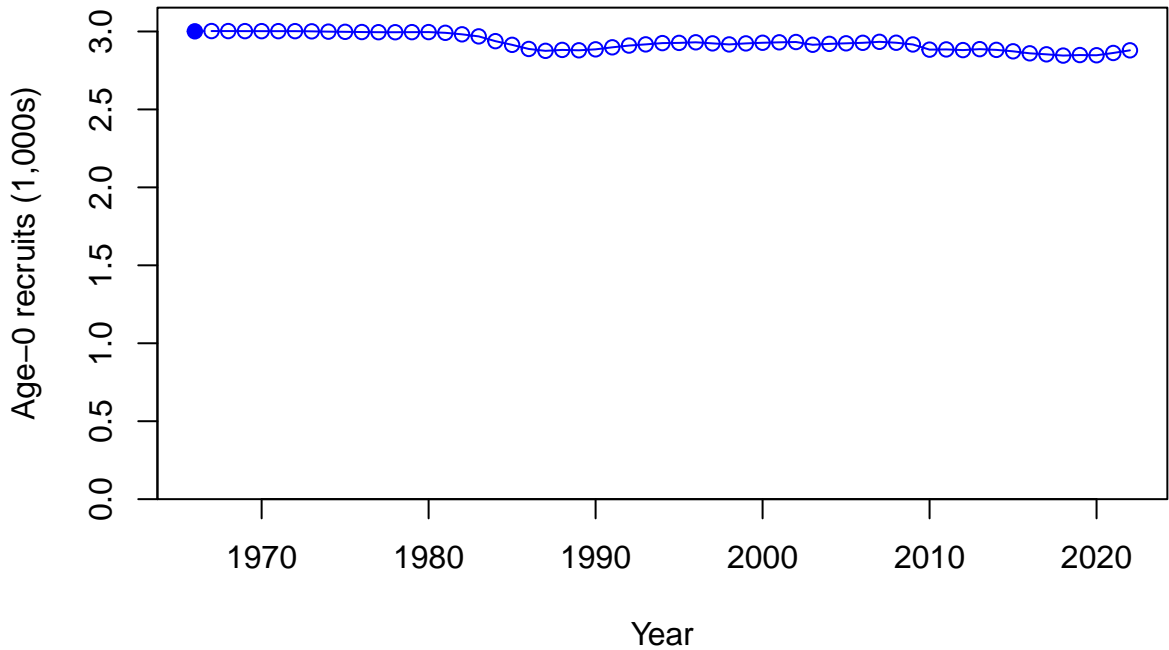


Relative spawning biomass: B/B_{MSY}

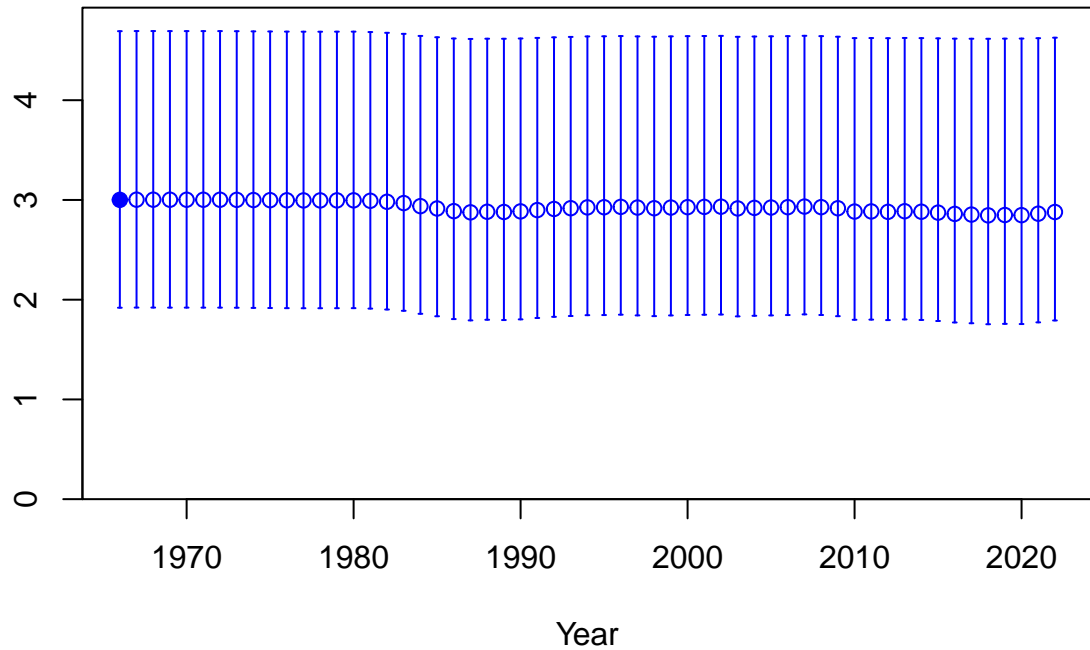








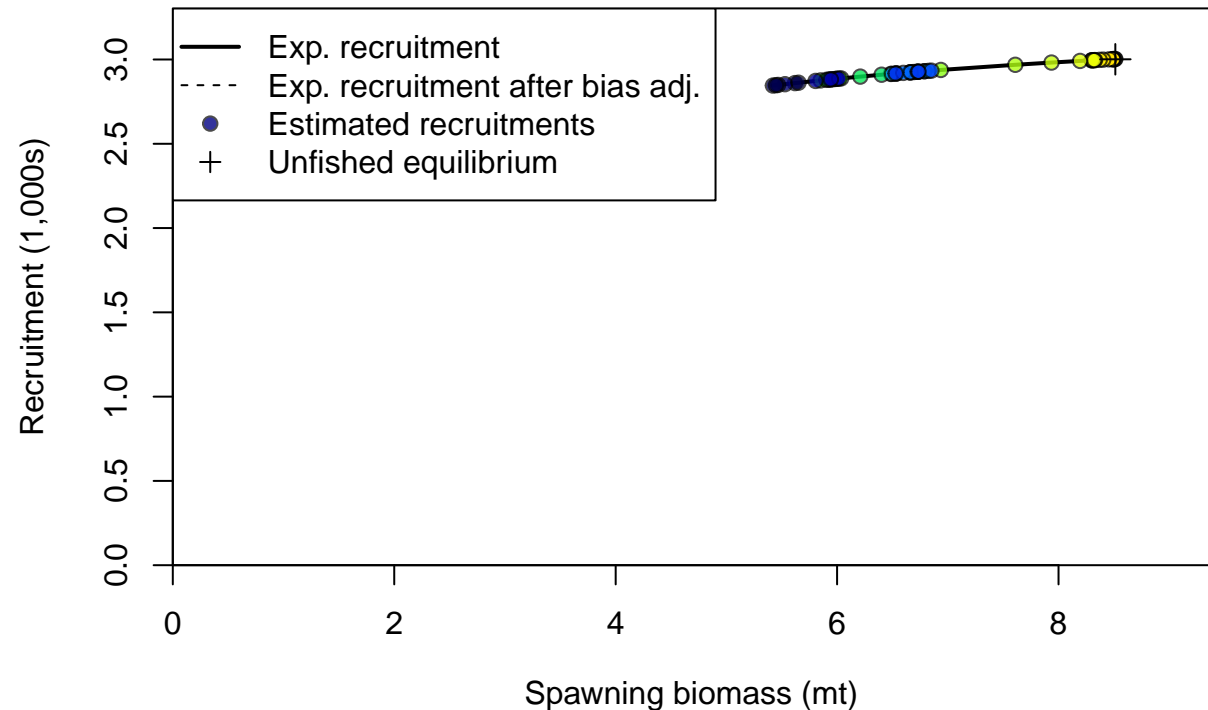
Age-0 recruits (1,000s)

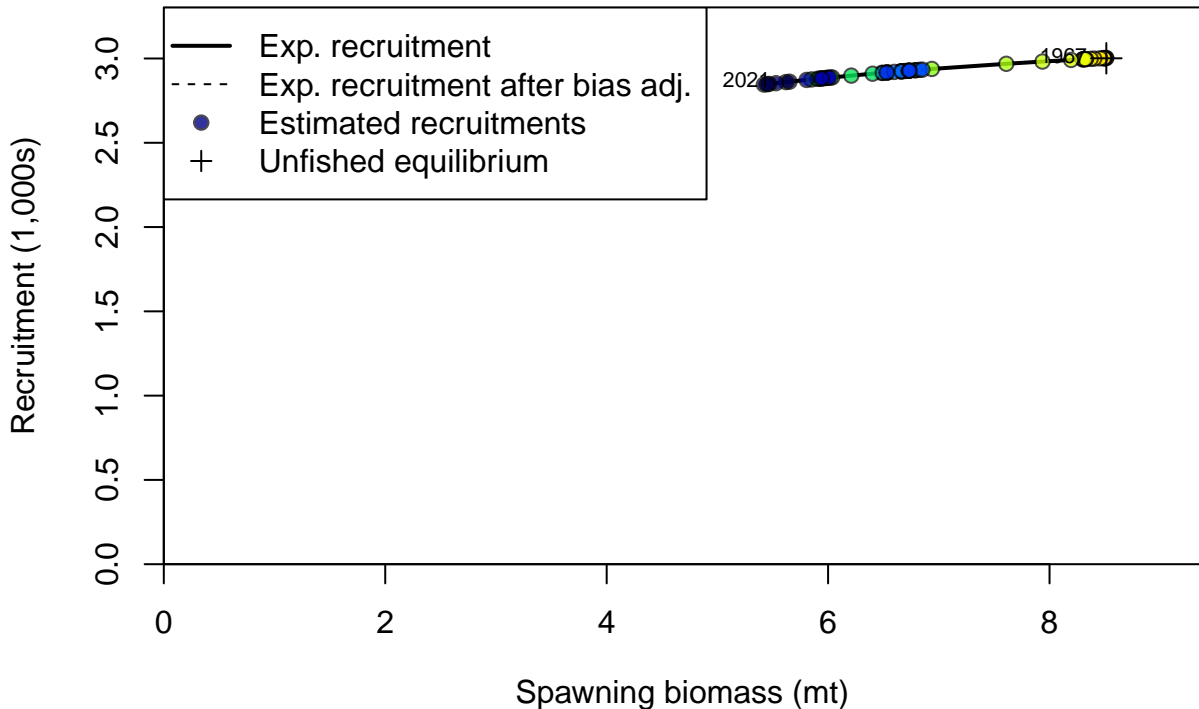


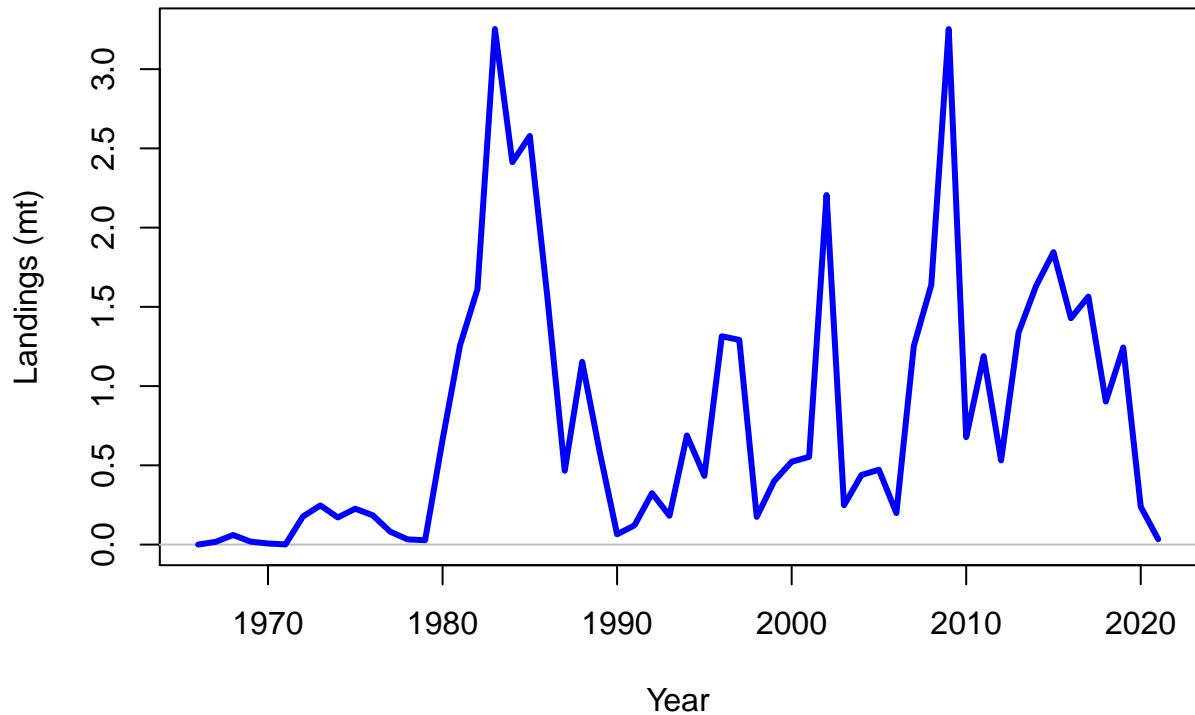
Summary Fishing Mortality

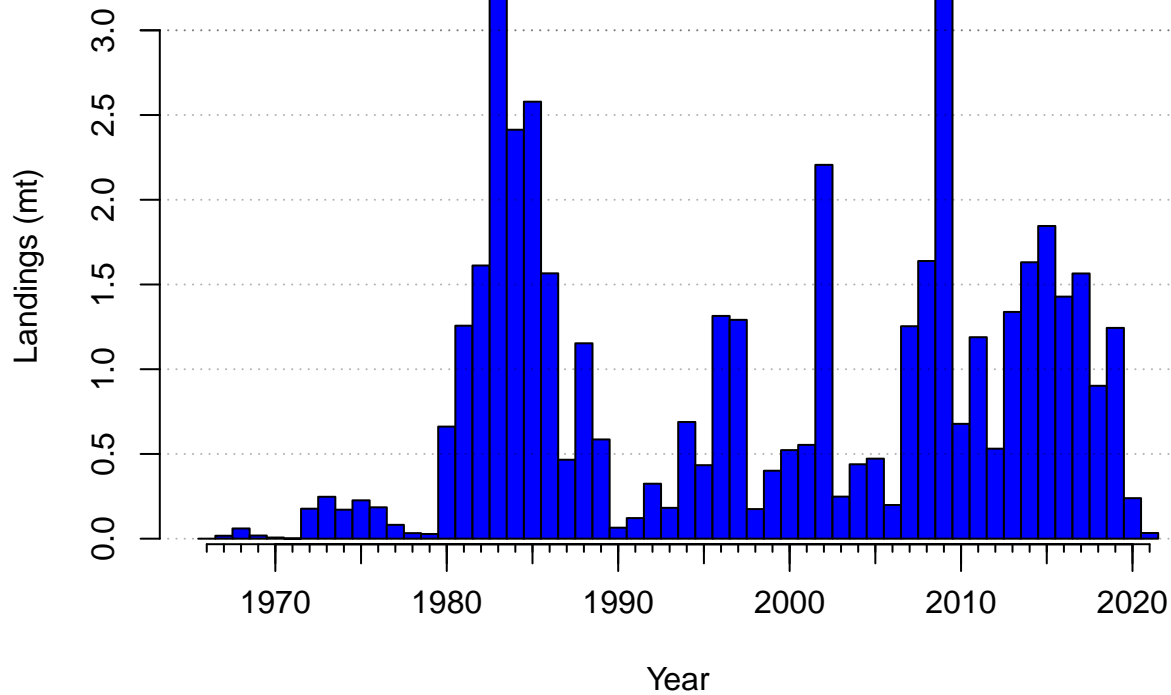


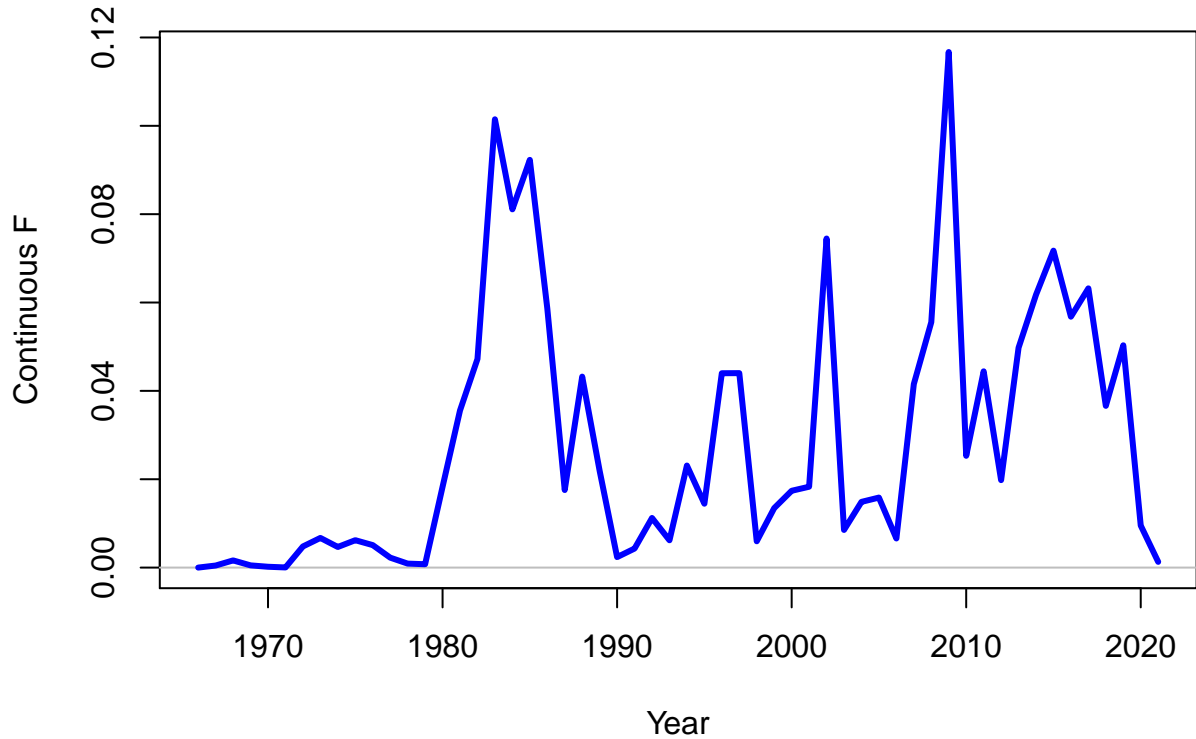












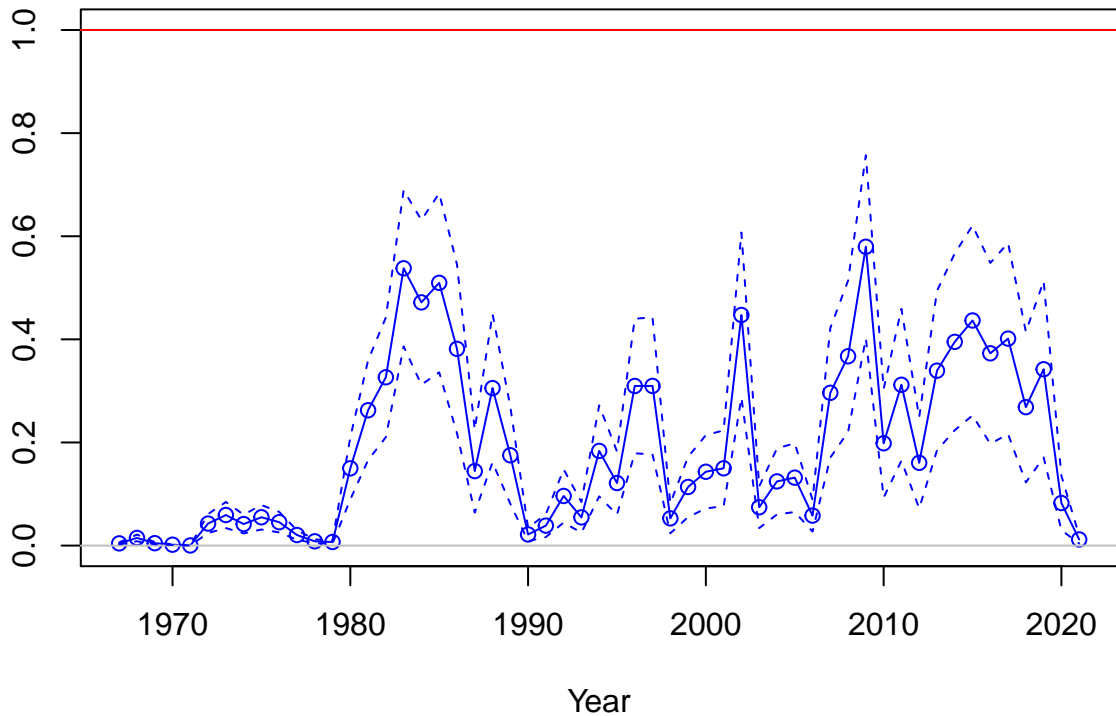
SPR



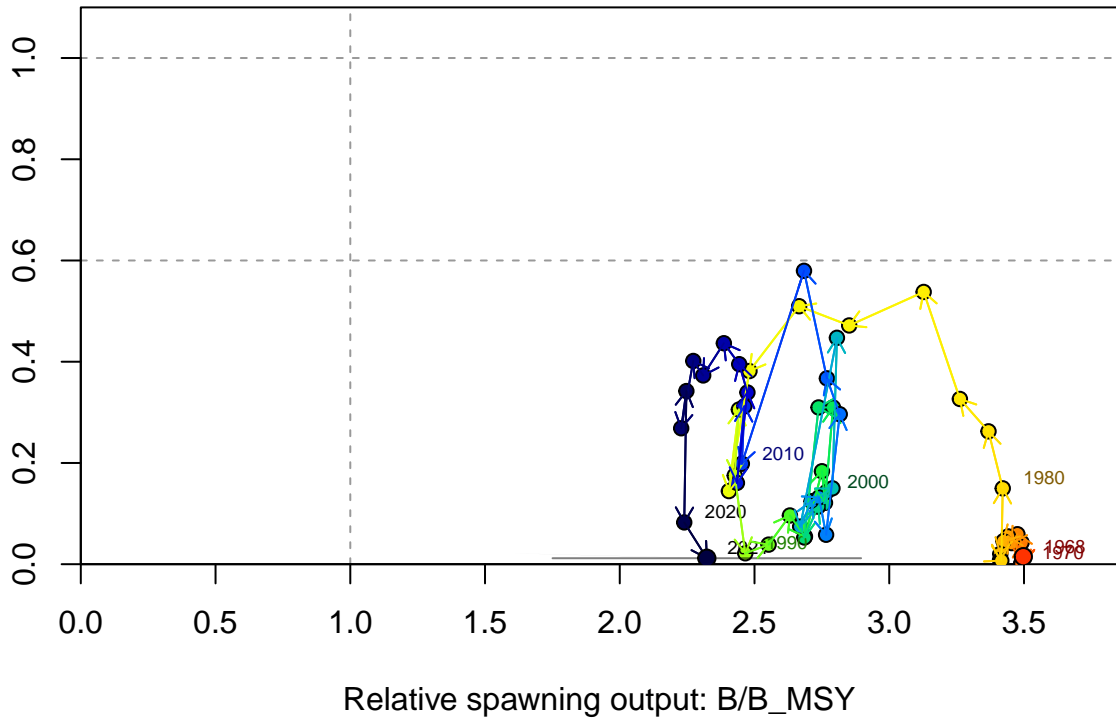
1-SPR



Fishing intensity: 1-SPR



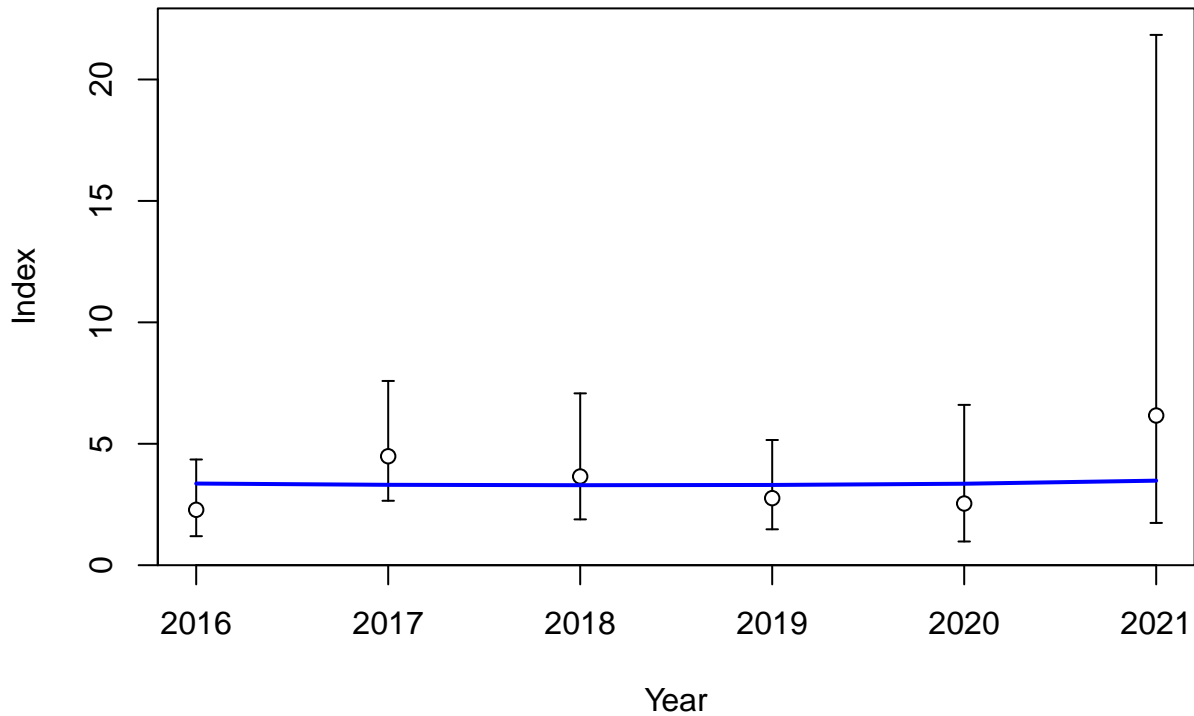
Fishing intensity: 1-SPR



Index

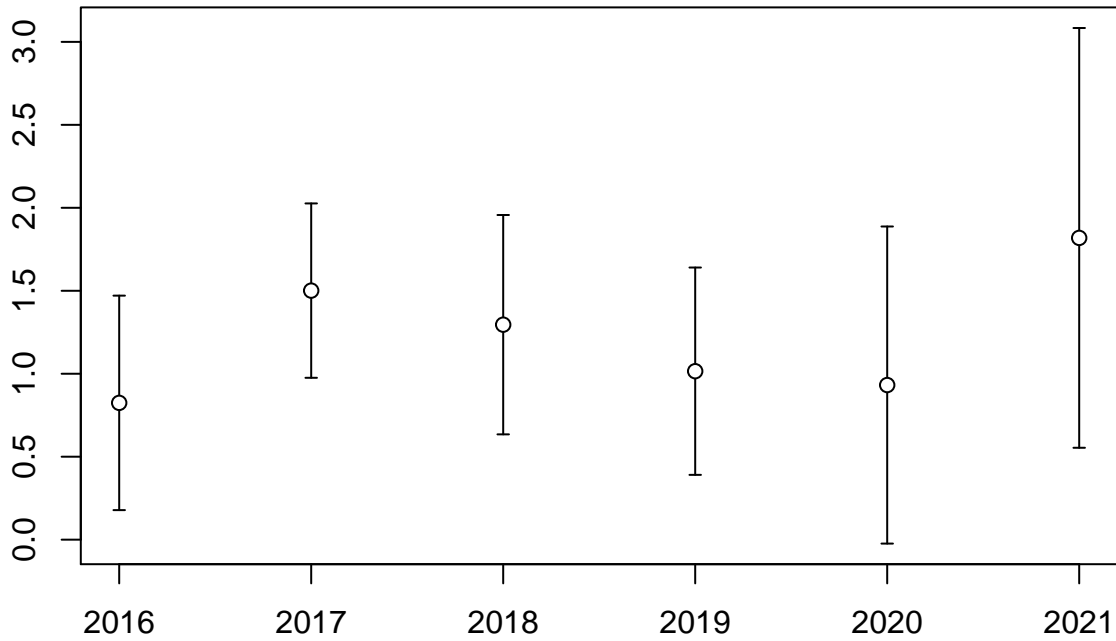


Year



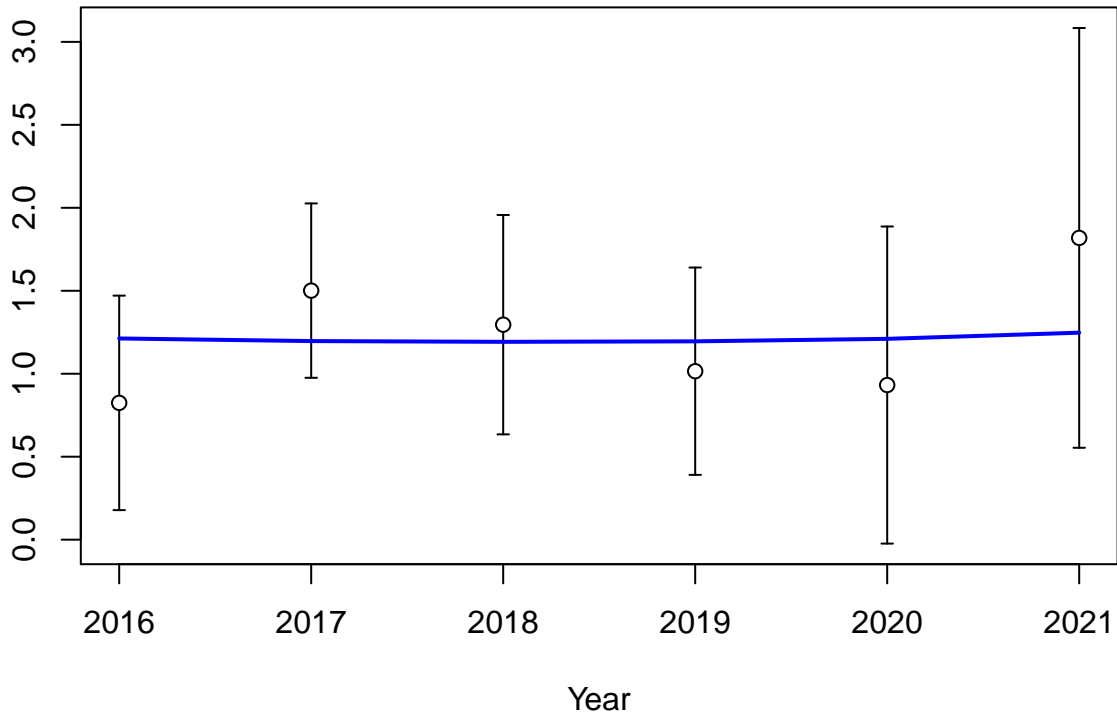


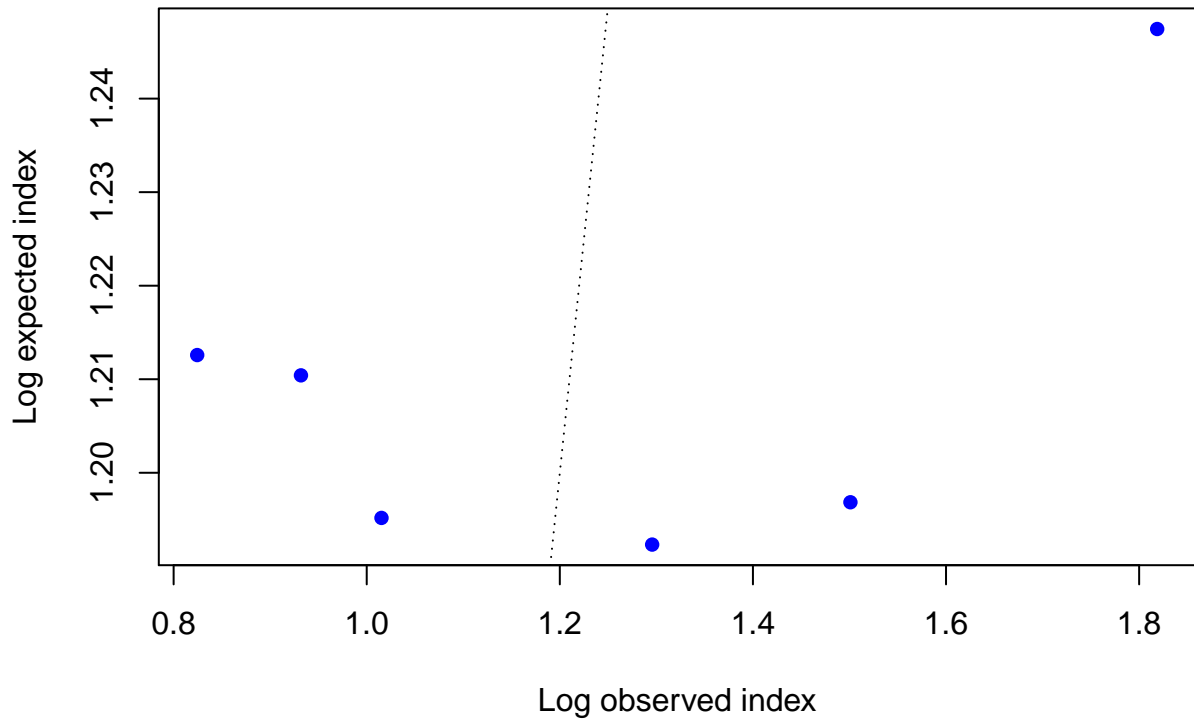
Log index



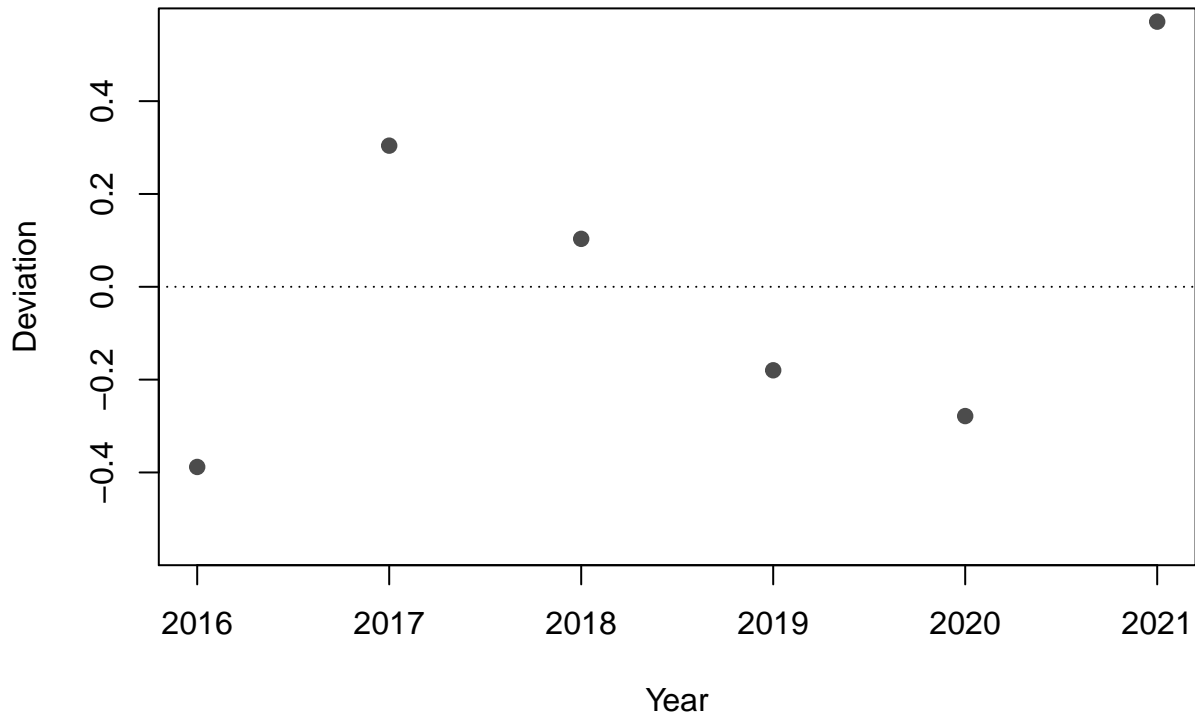
Year

Log index

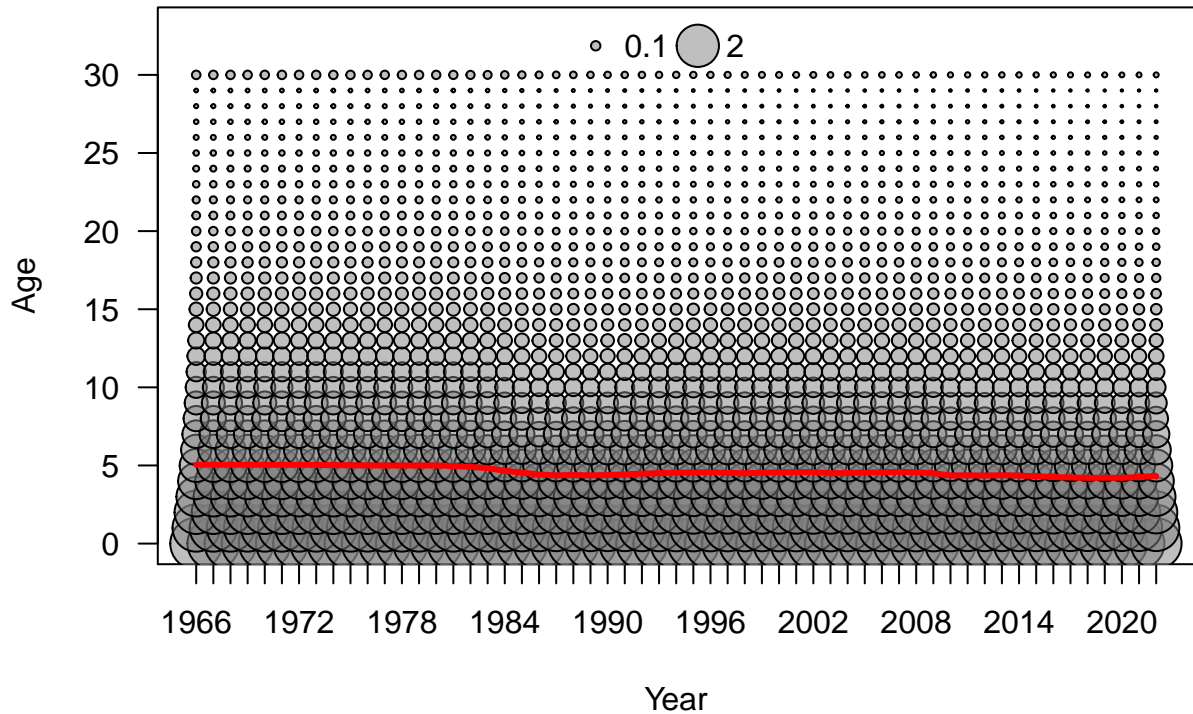


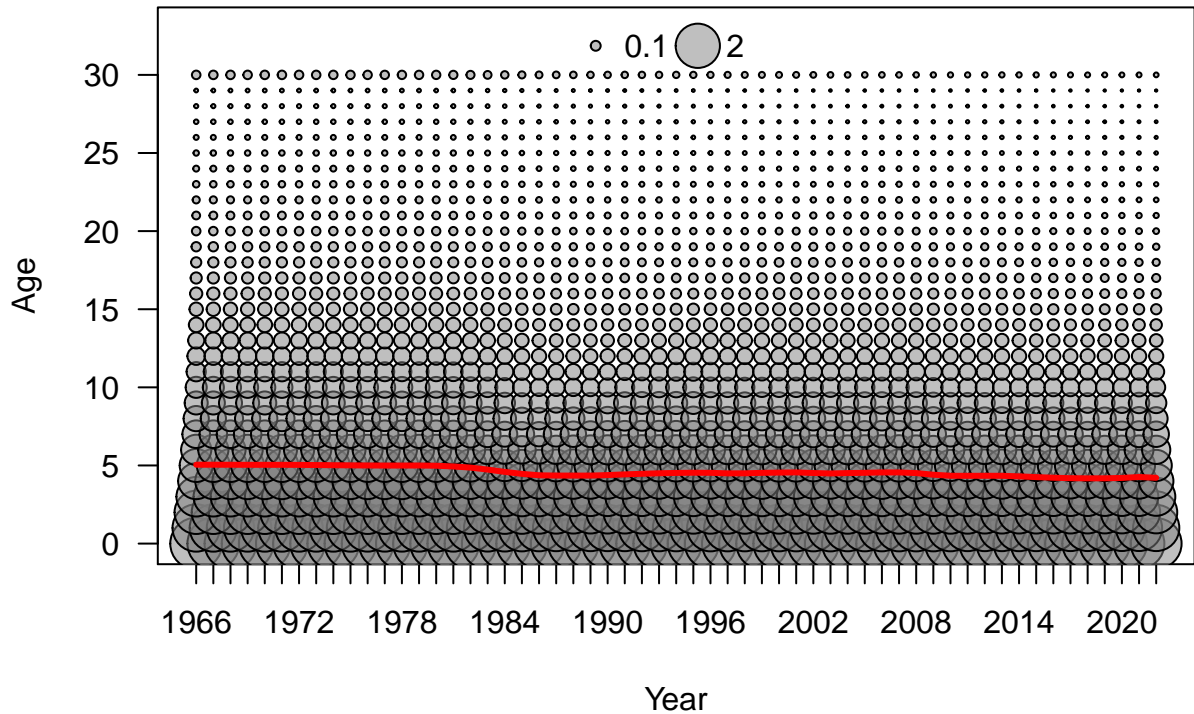




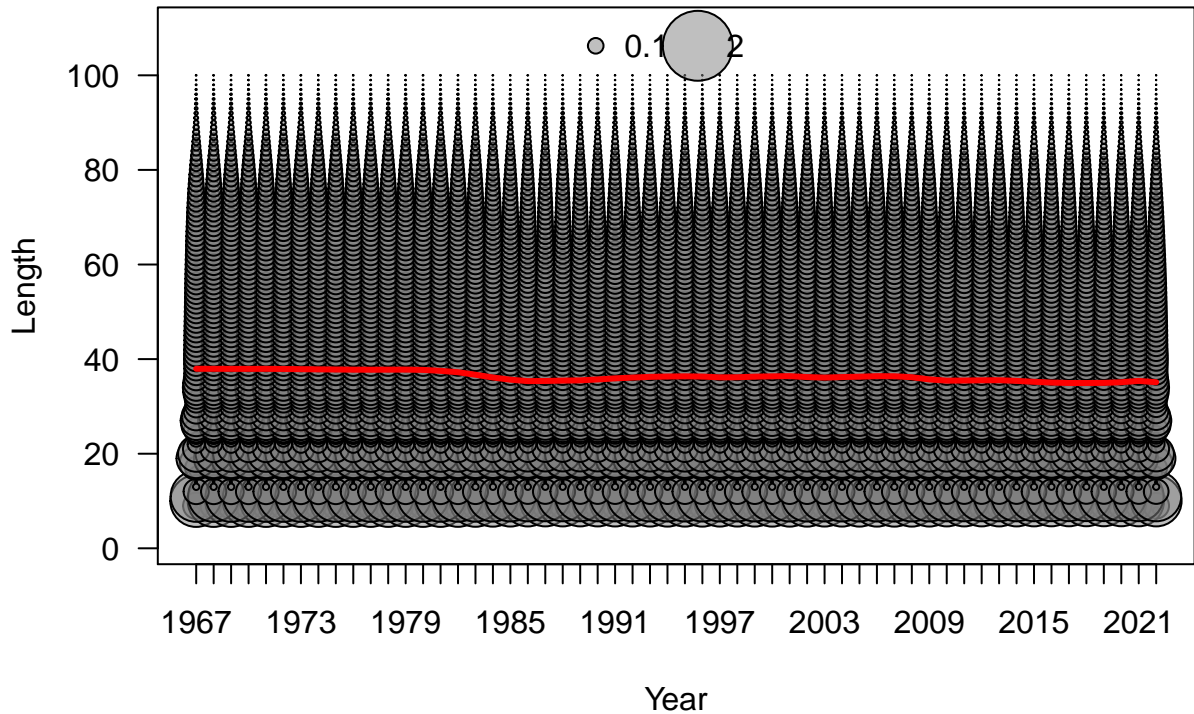








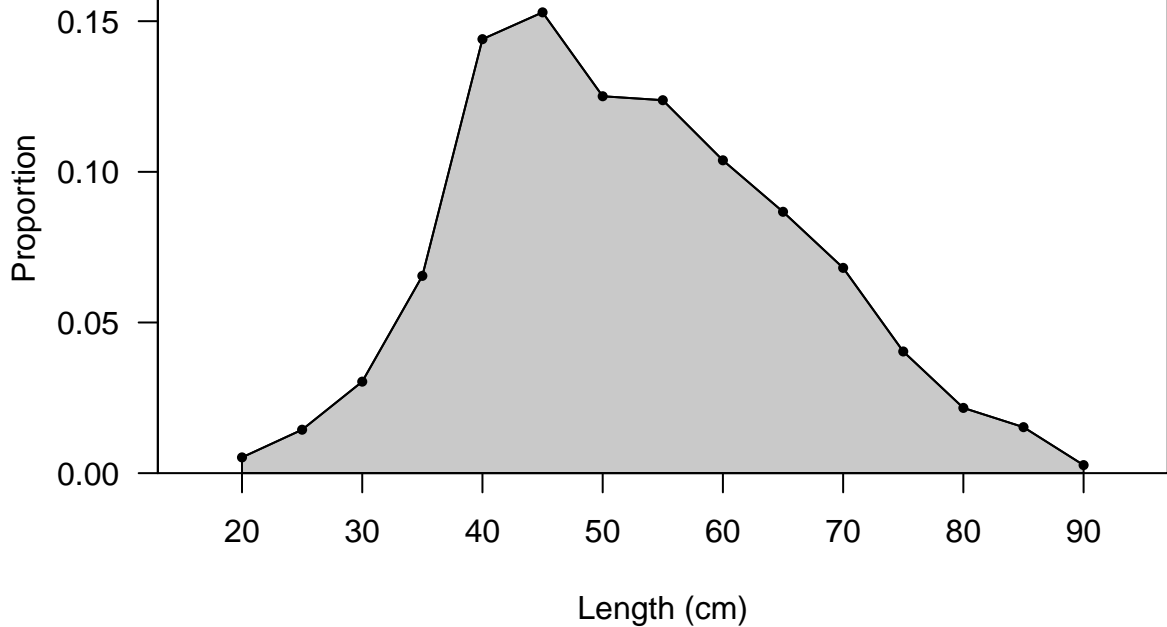


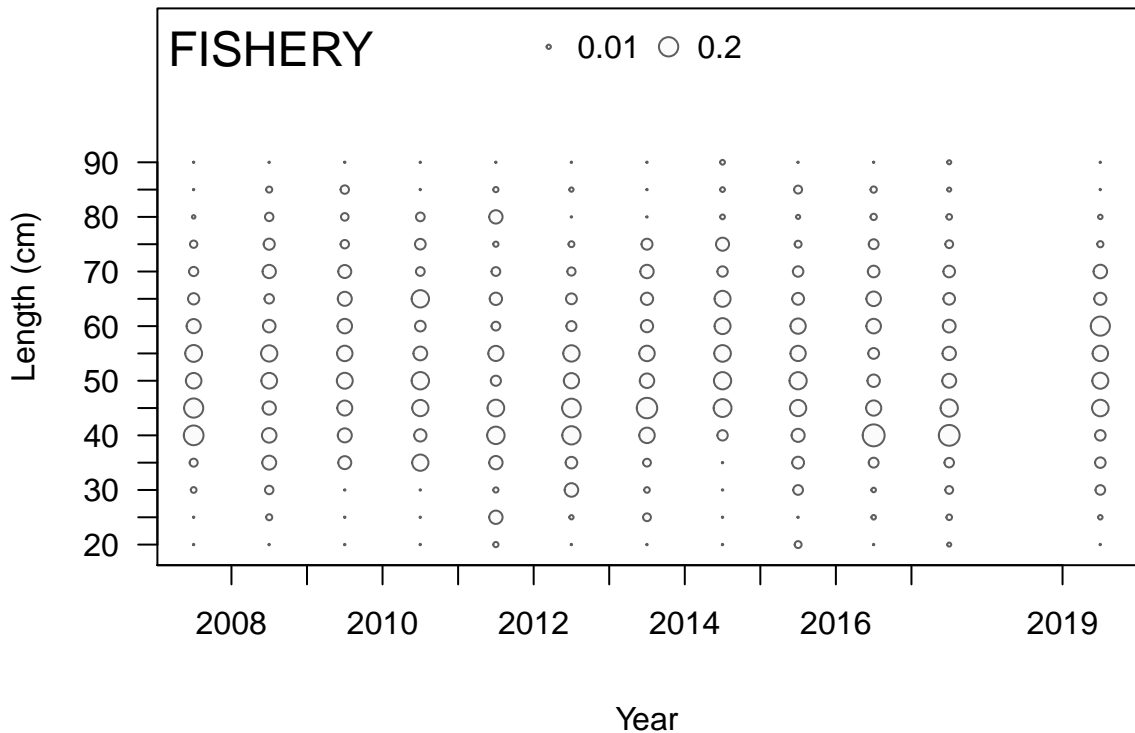




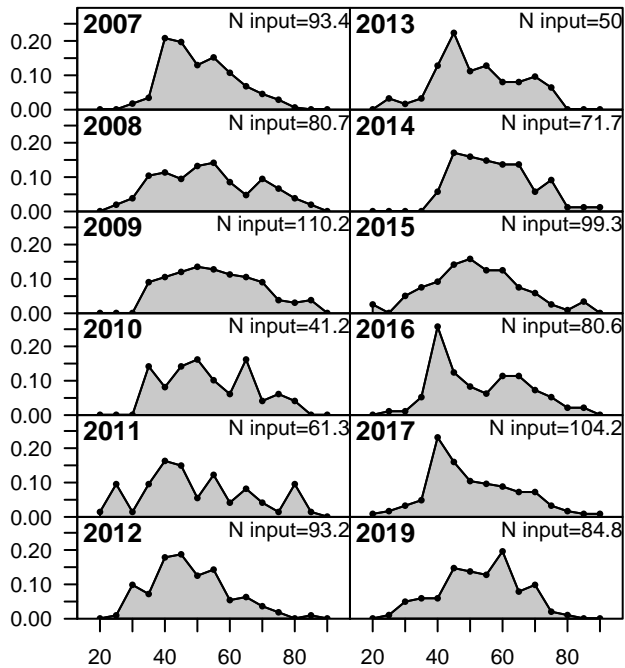
FISHERY

Sum of N input=970.8

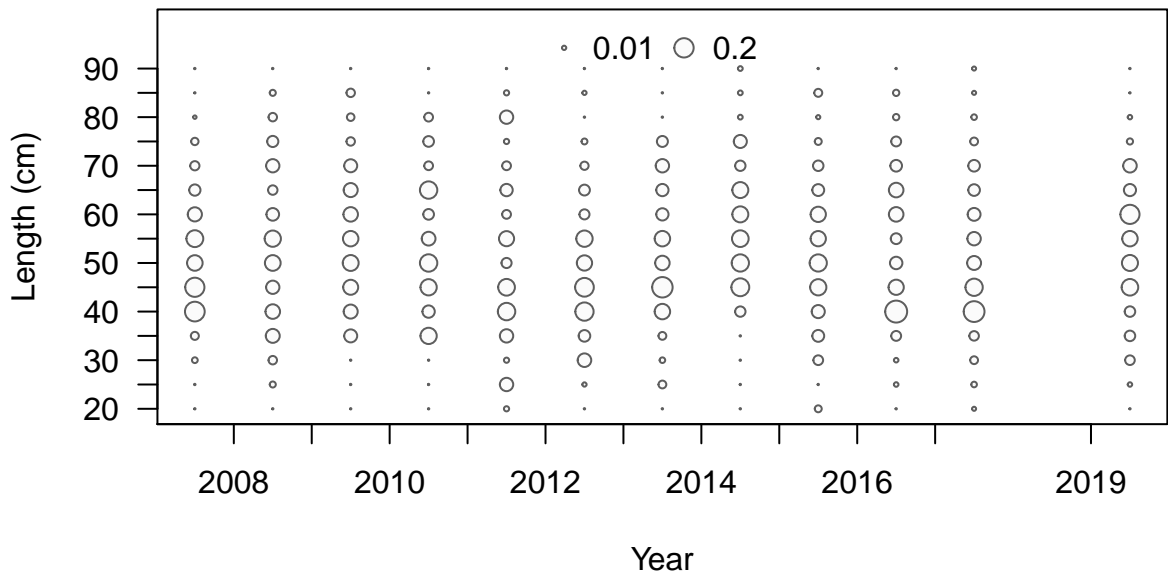




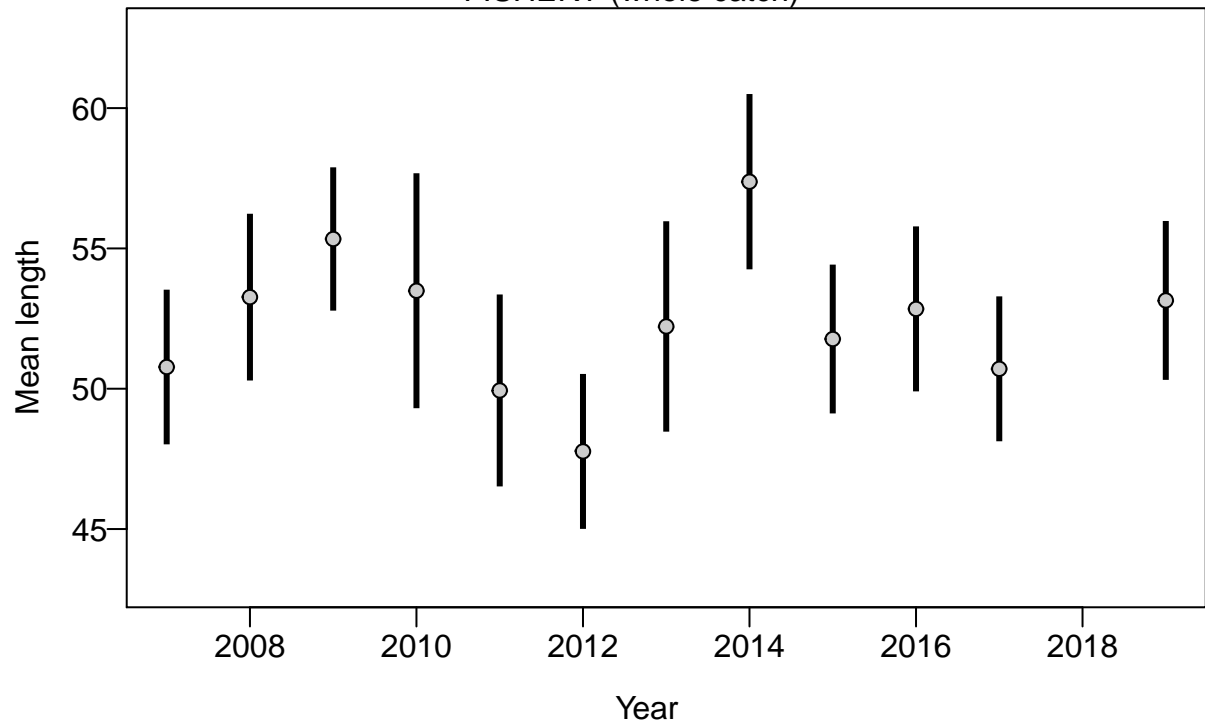
Proportion



Length (cm)



FISHERY (whole catch)



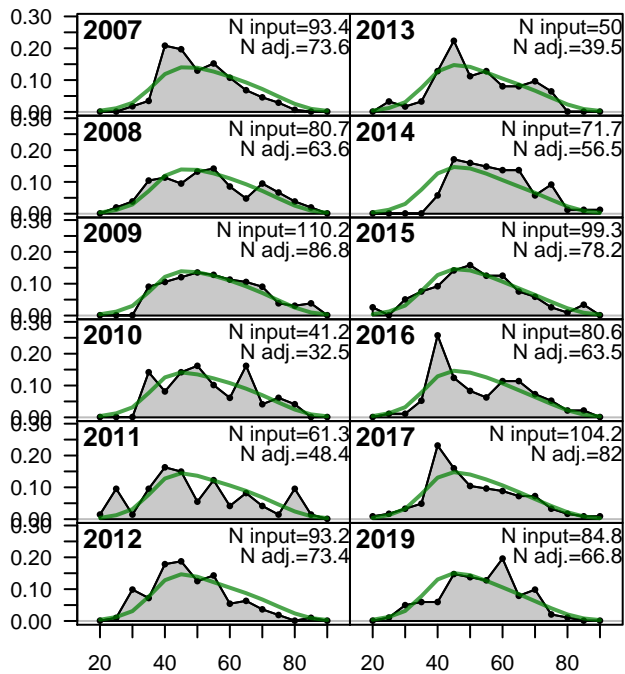
FISHERY

Sum of N input=970.8
Sum of N adj.=765

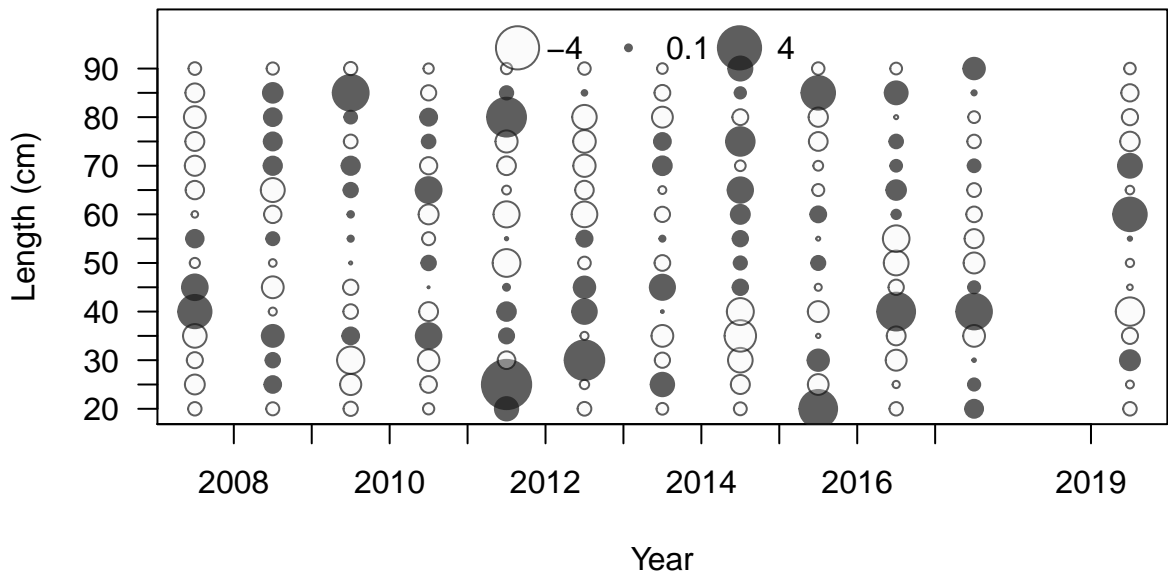




Proportion



Length (cm)



FISHERY (whole catch)

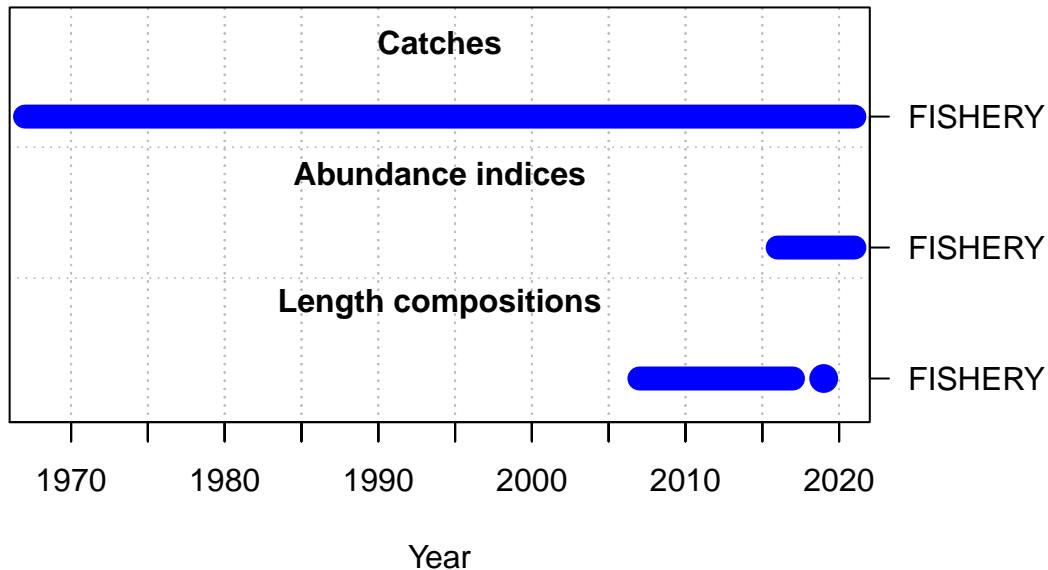


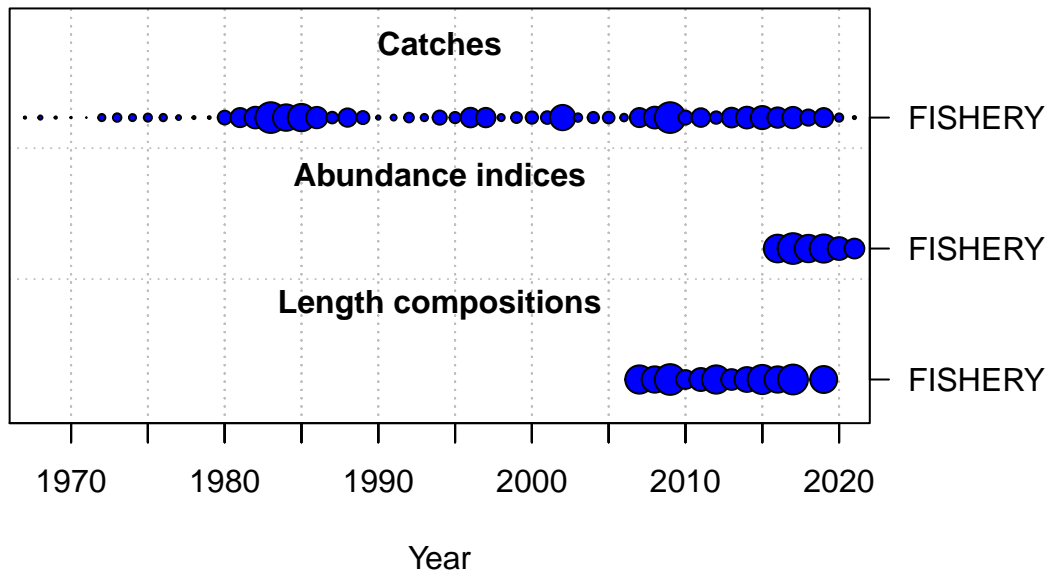




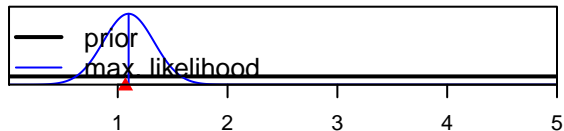




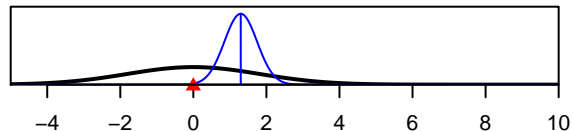




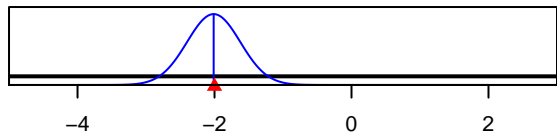
SR_LN(R0)



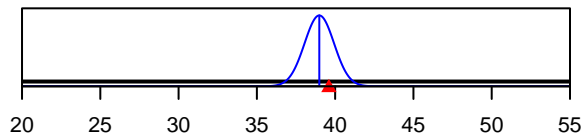
ln(DM_theta)_1



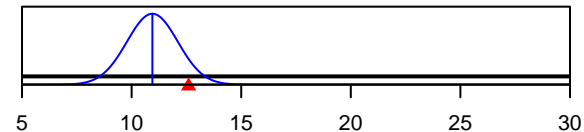
LnQ_base_FISHERY(1)



Size_inflection_FISHERY(1)



Size_95%width_FISHERY(1)



Density

Parameter value