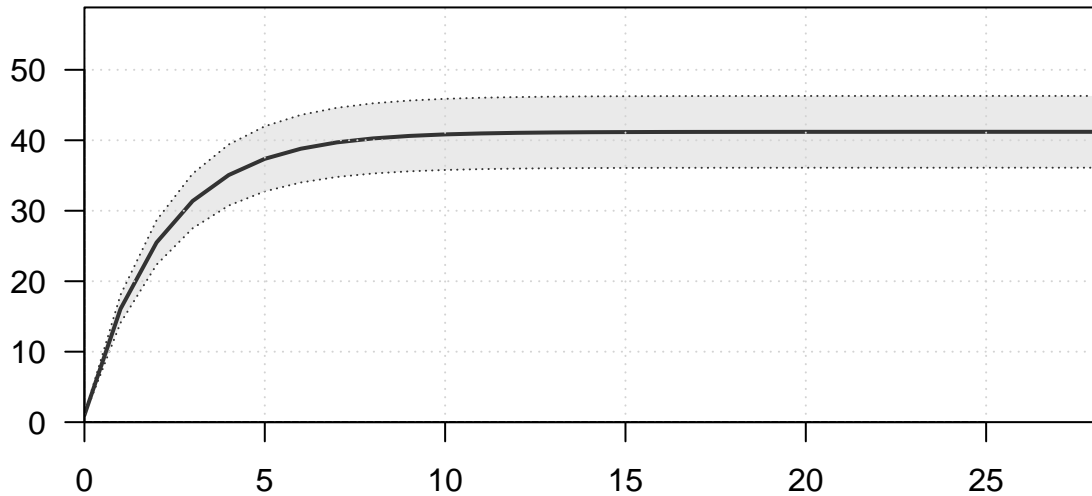


Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Mon Aug 15 16:46:02 2022
Data_File: data.ss
Control_File: control.ss

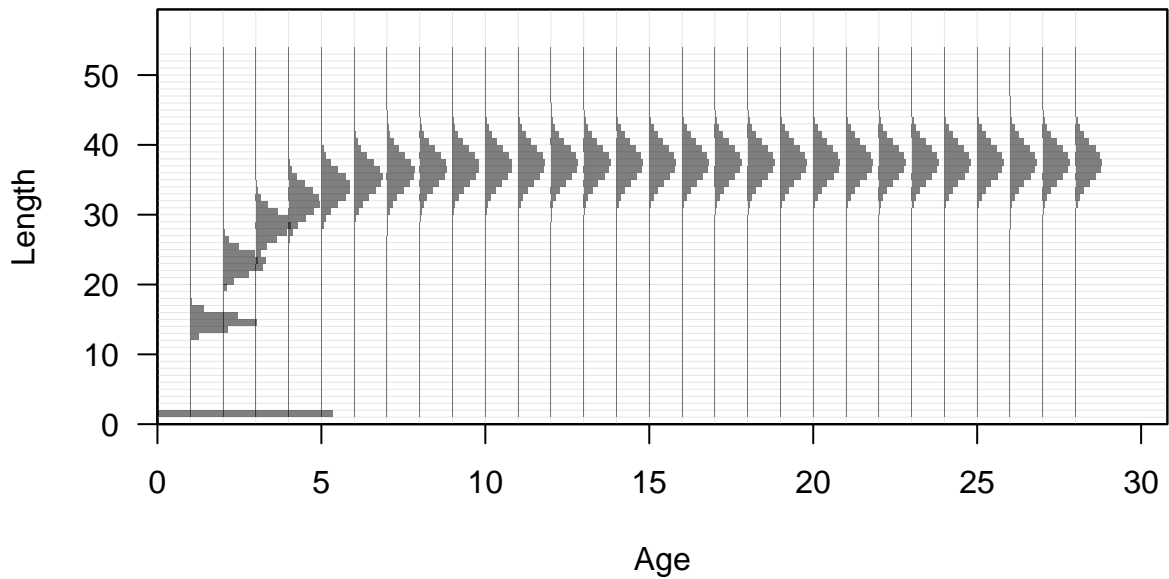
Length (cm, beginning of the year)



Age (yr)

























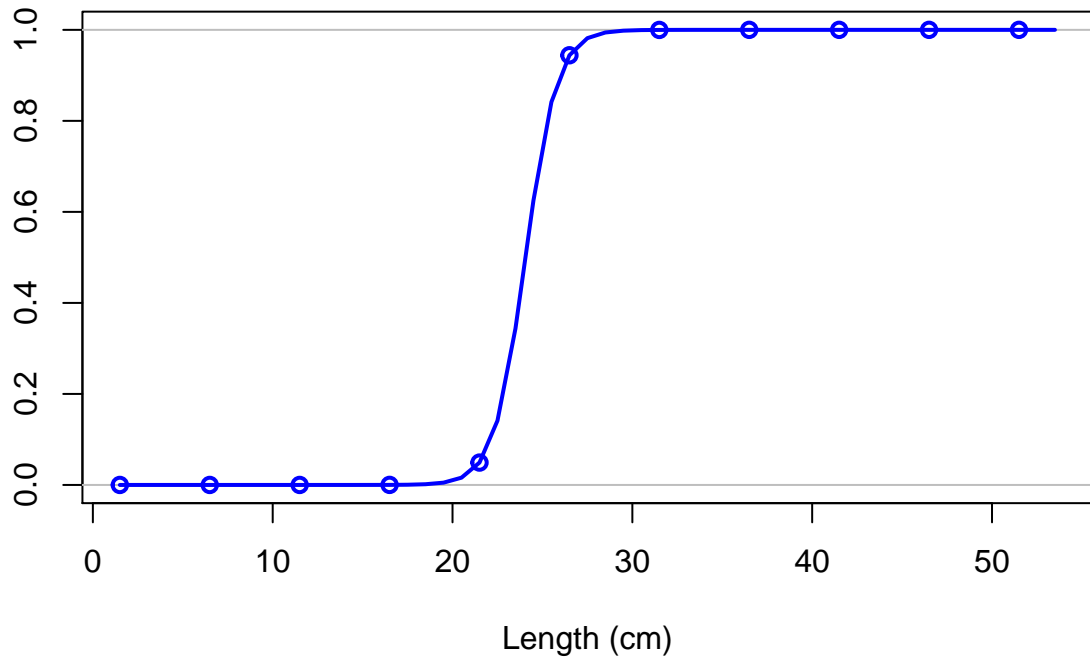




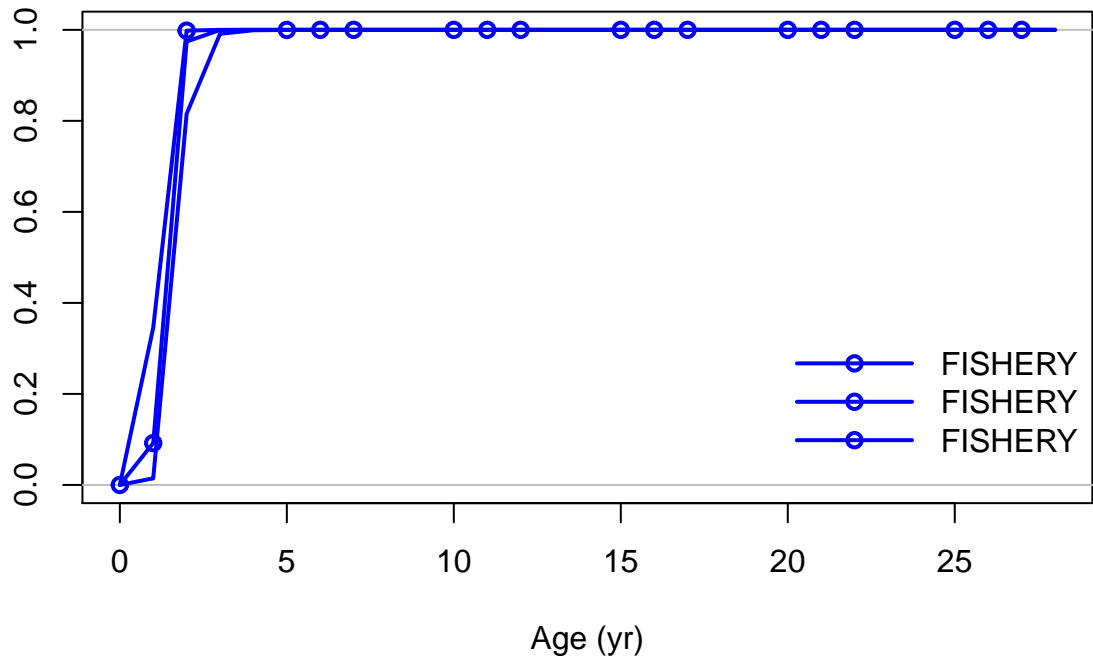
Spawning output



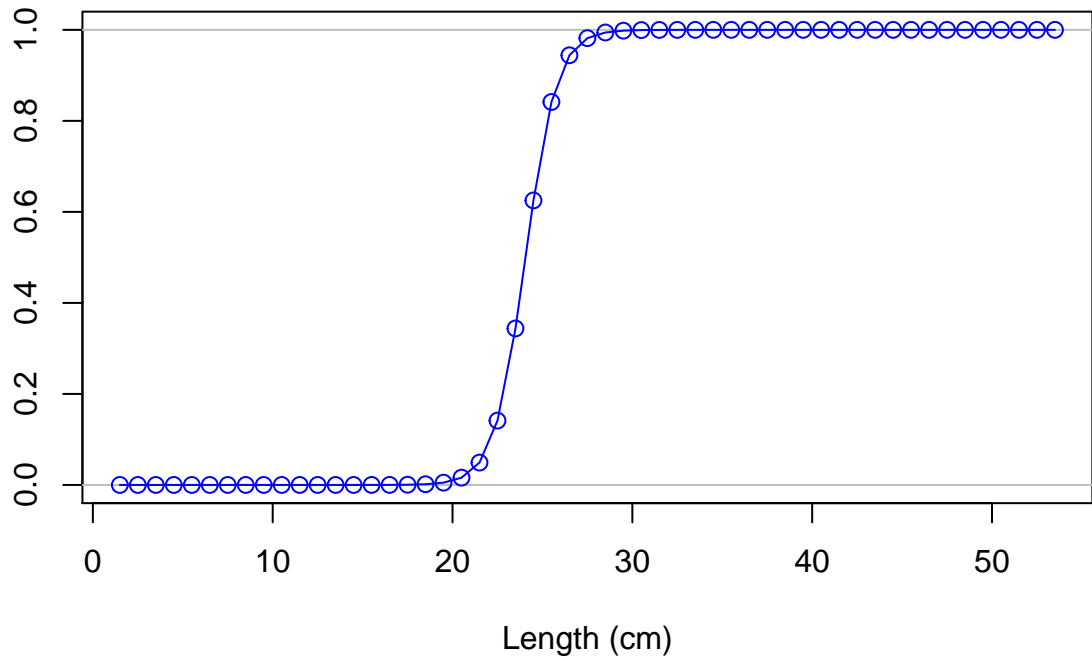
Selectivity

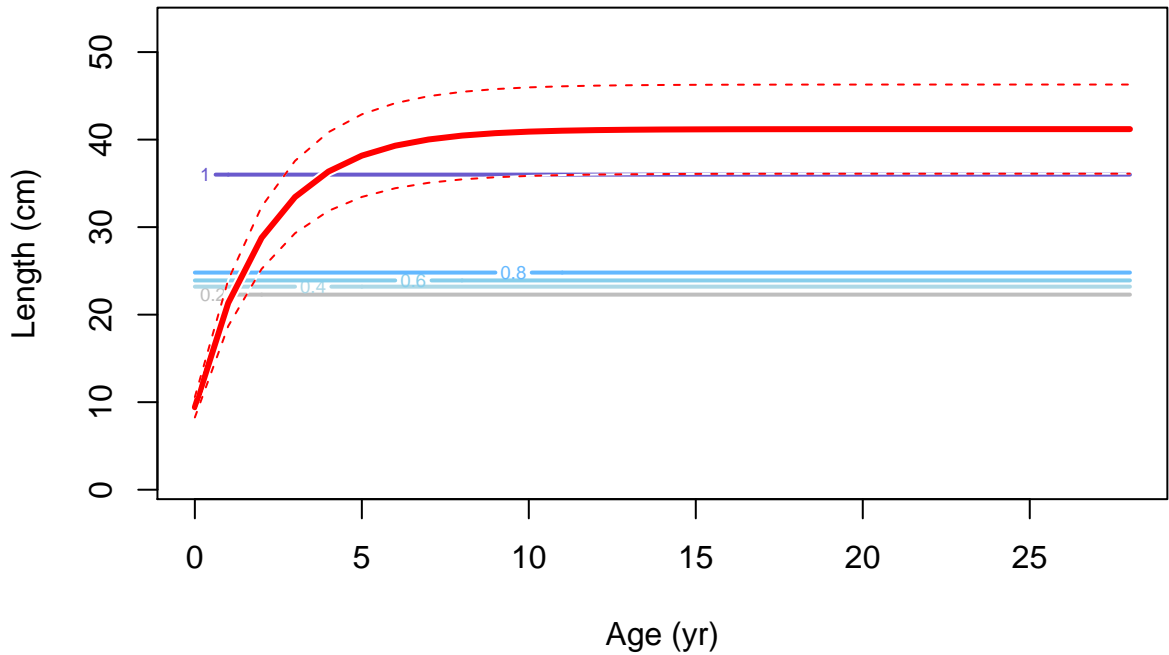


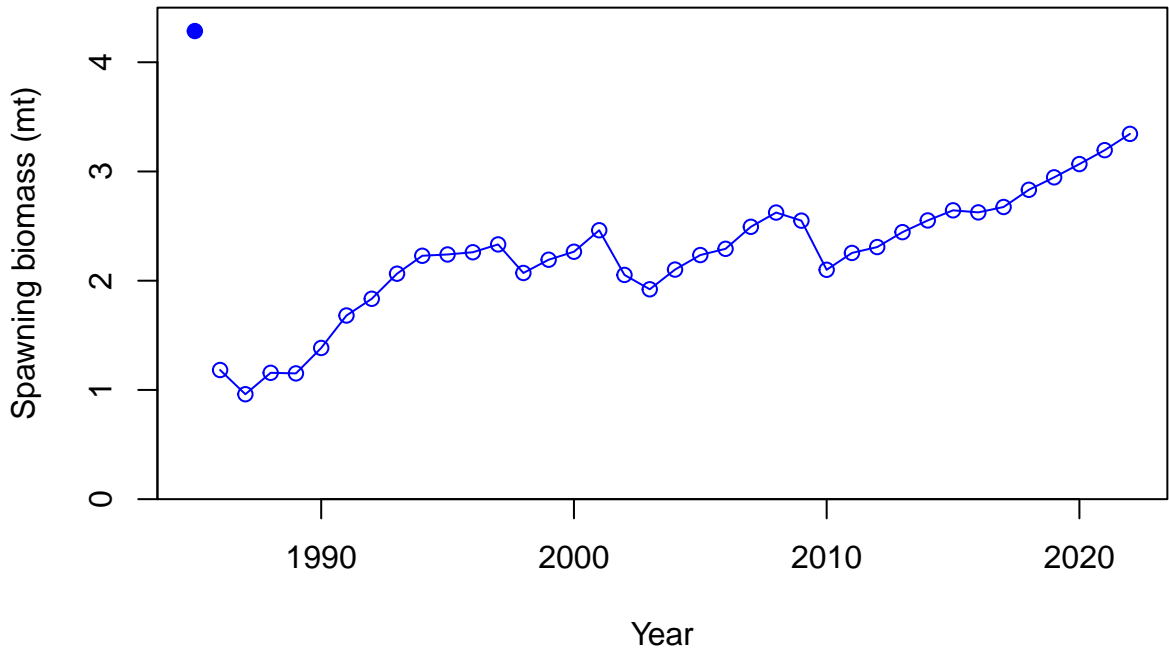
Selectivity



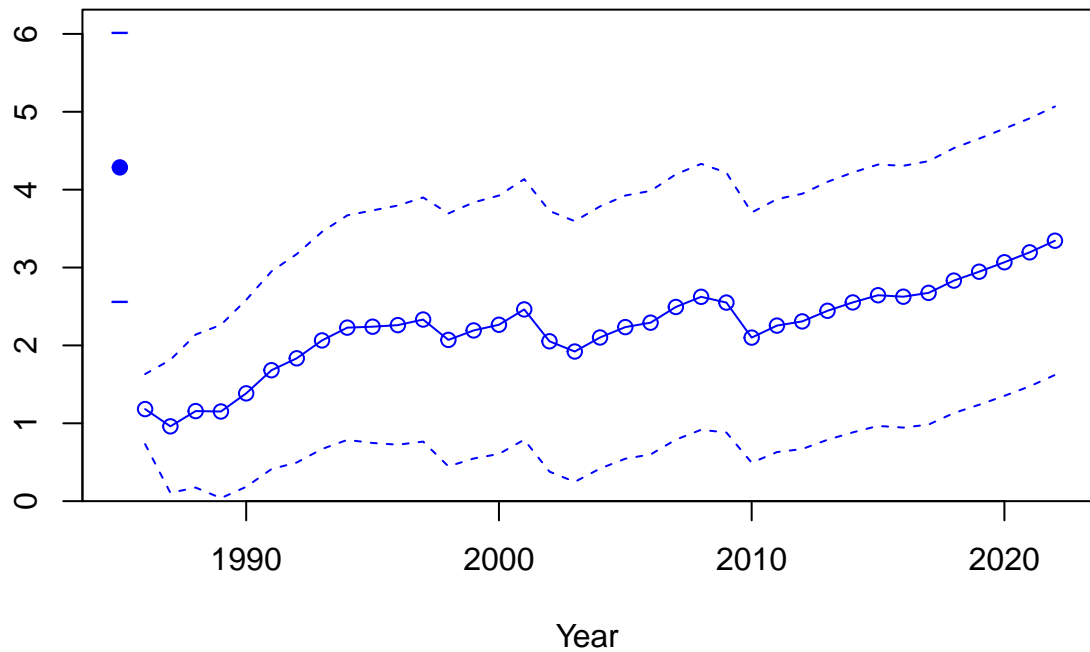
Selectivity



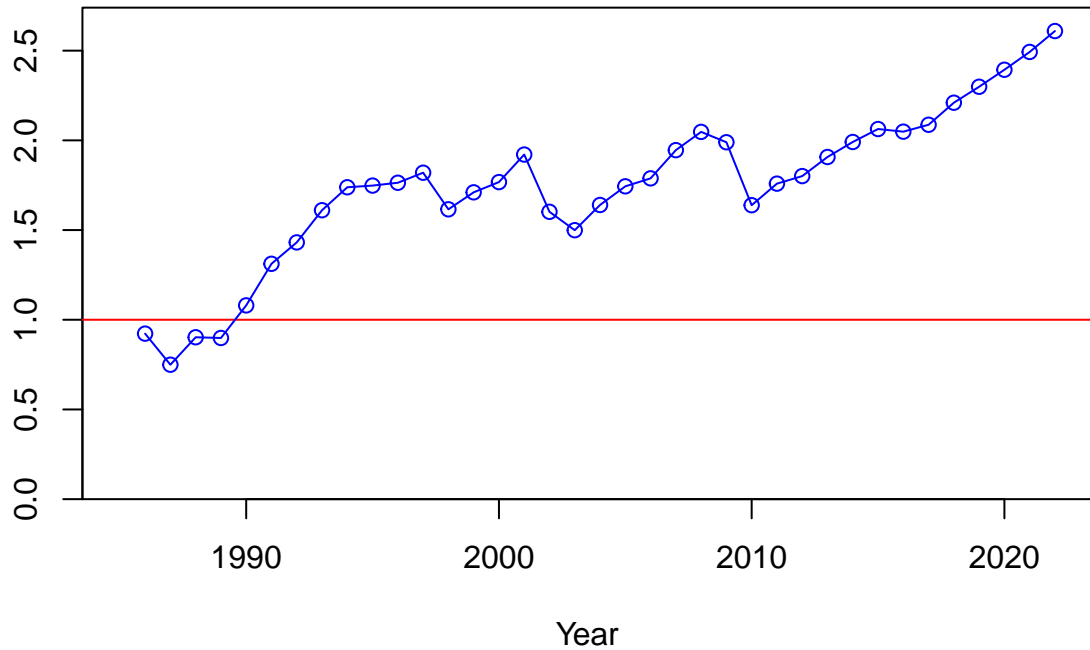




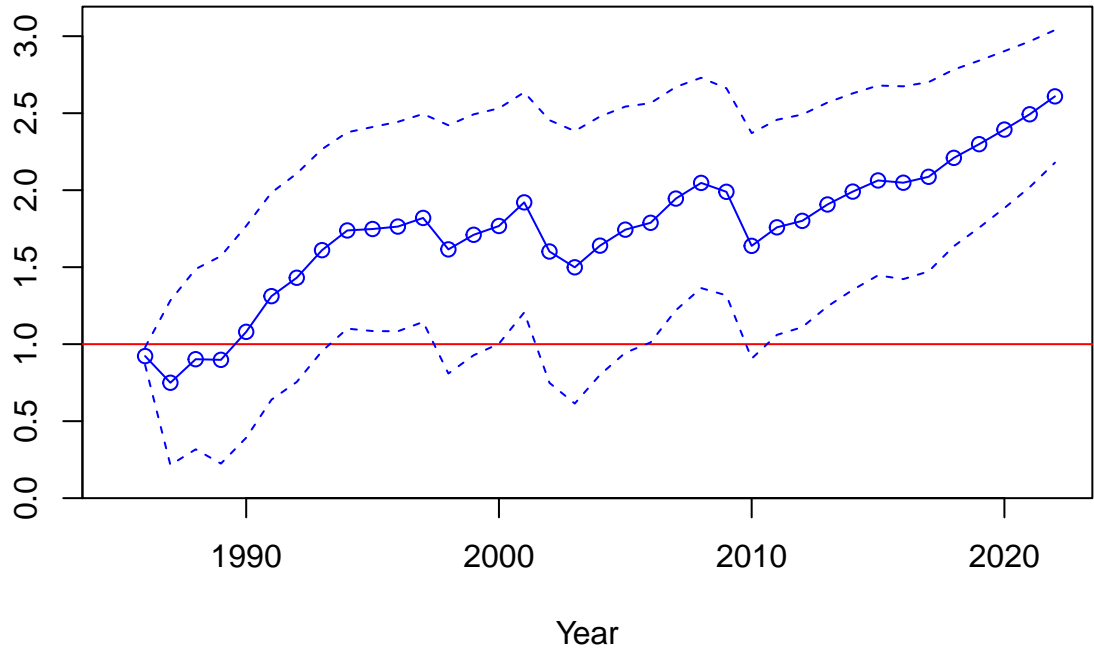
Spawning biomass (mt)

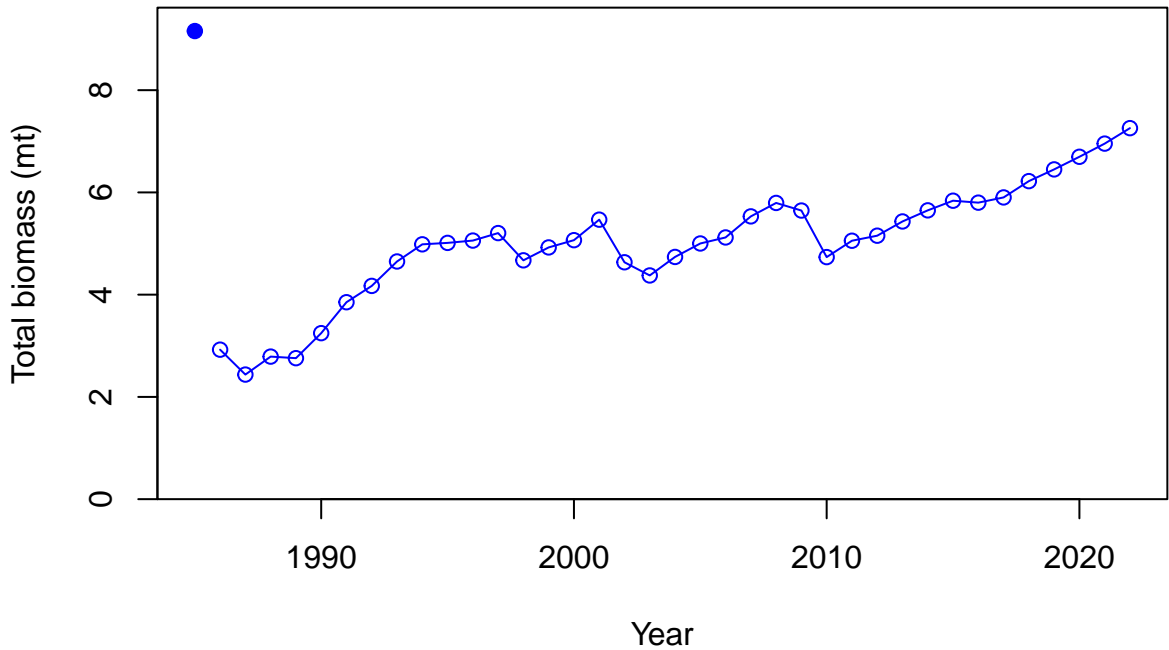


Relative spawning biomass: B/B_{MSY}

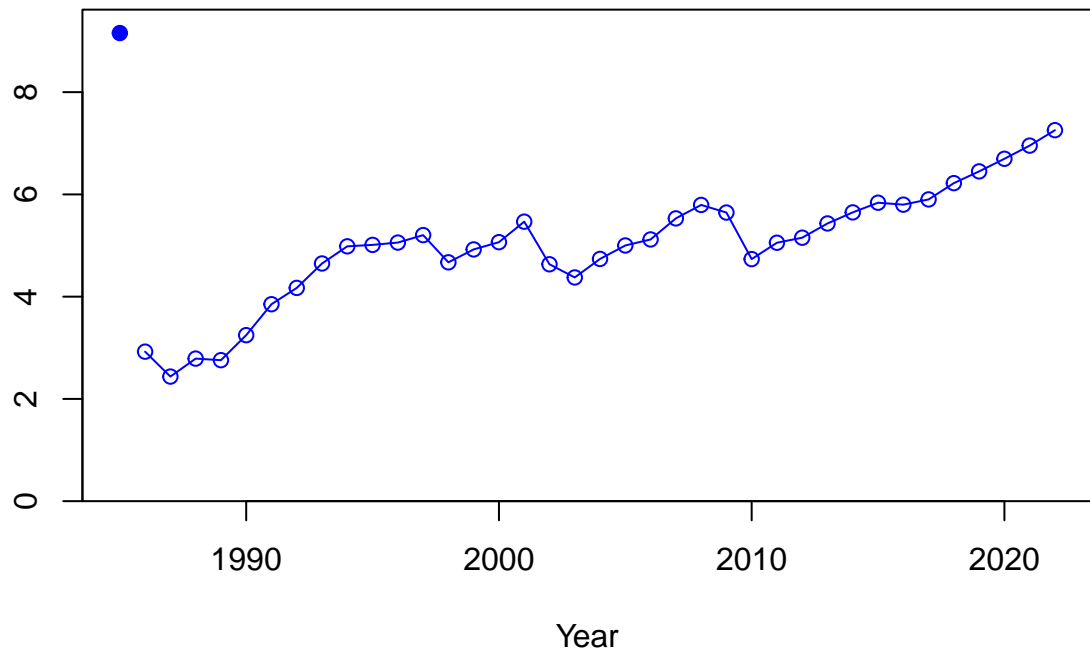


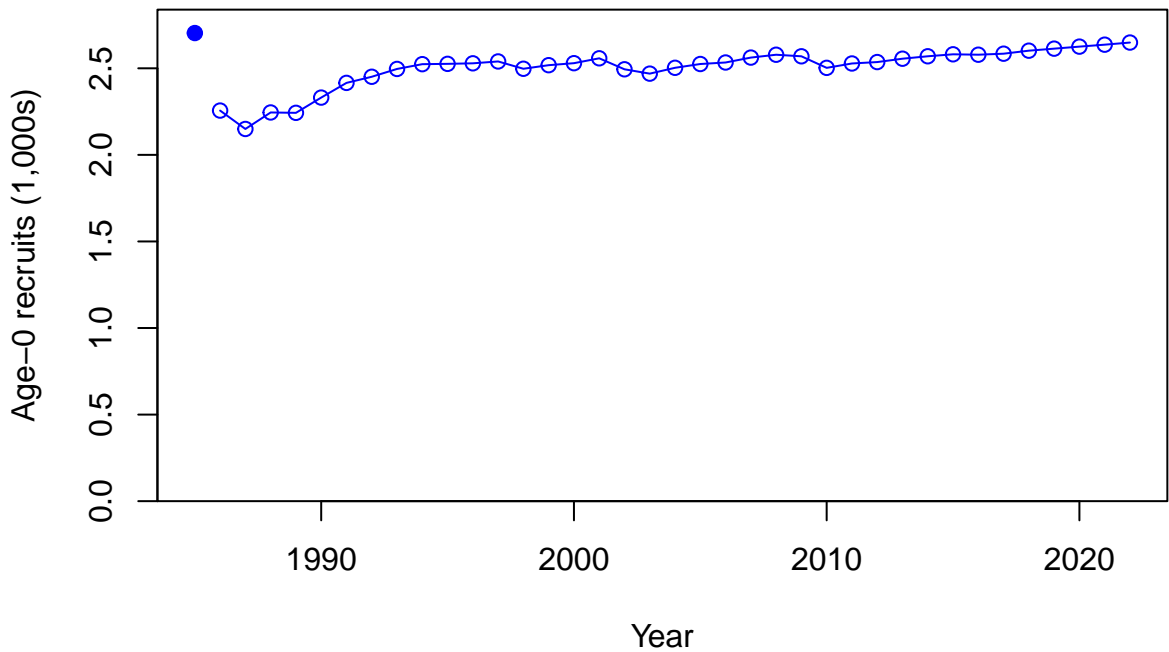
Relative spawning biomass: B/B_{MSY}



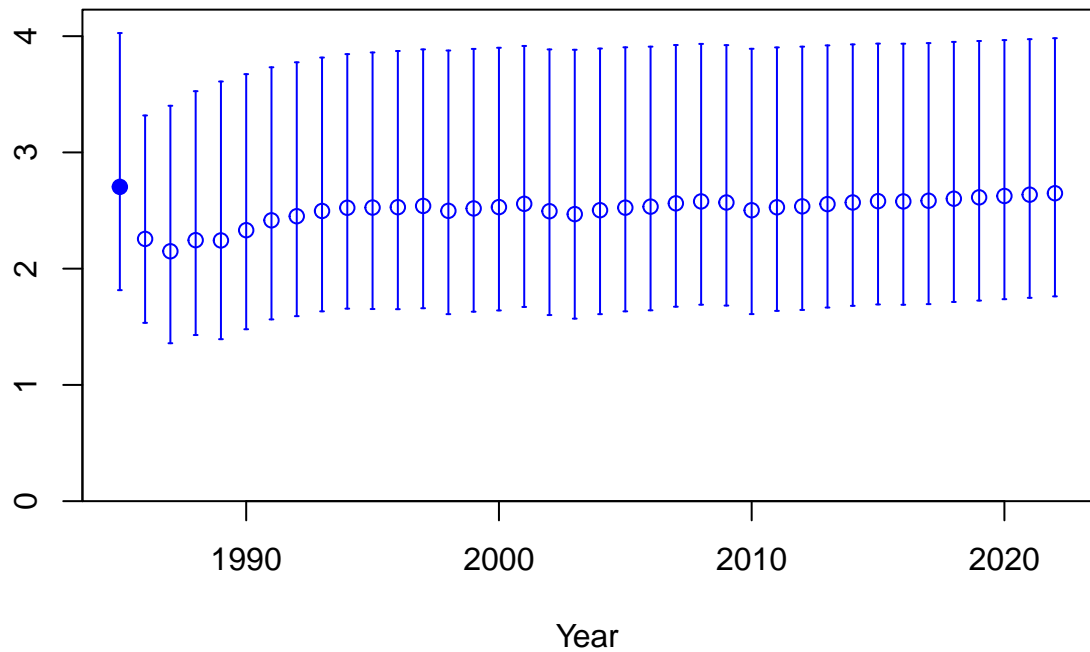


Summary biomass (mt)

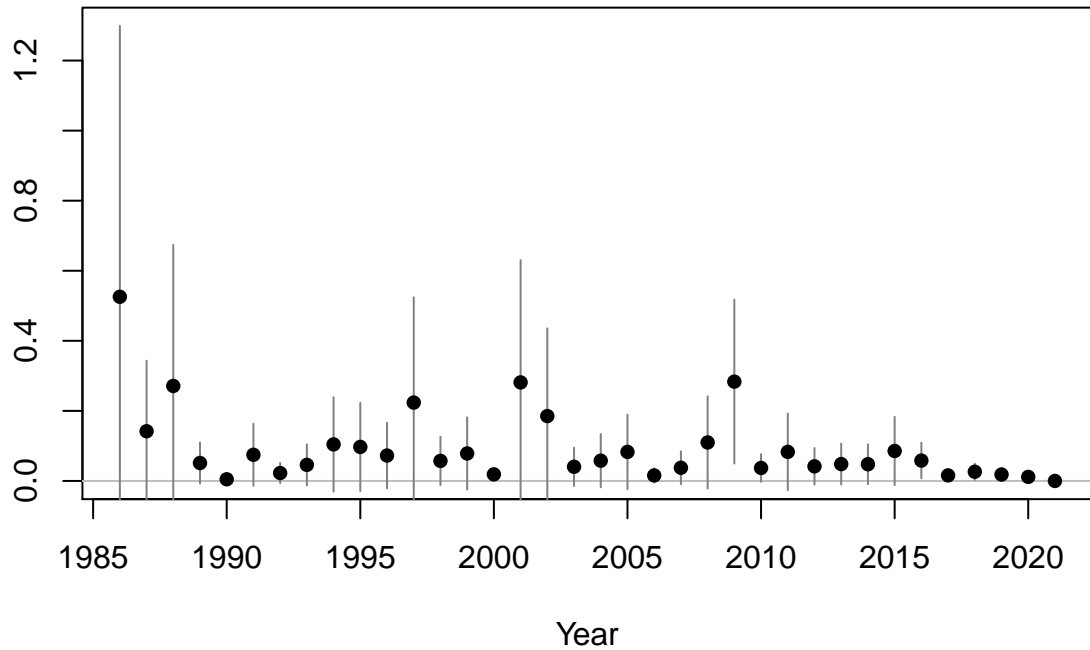


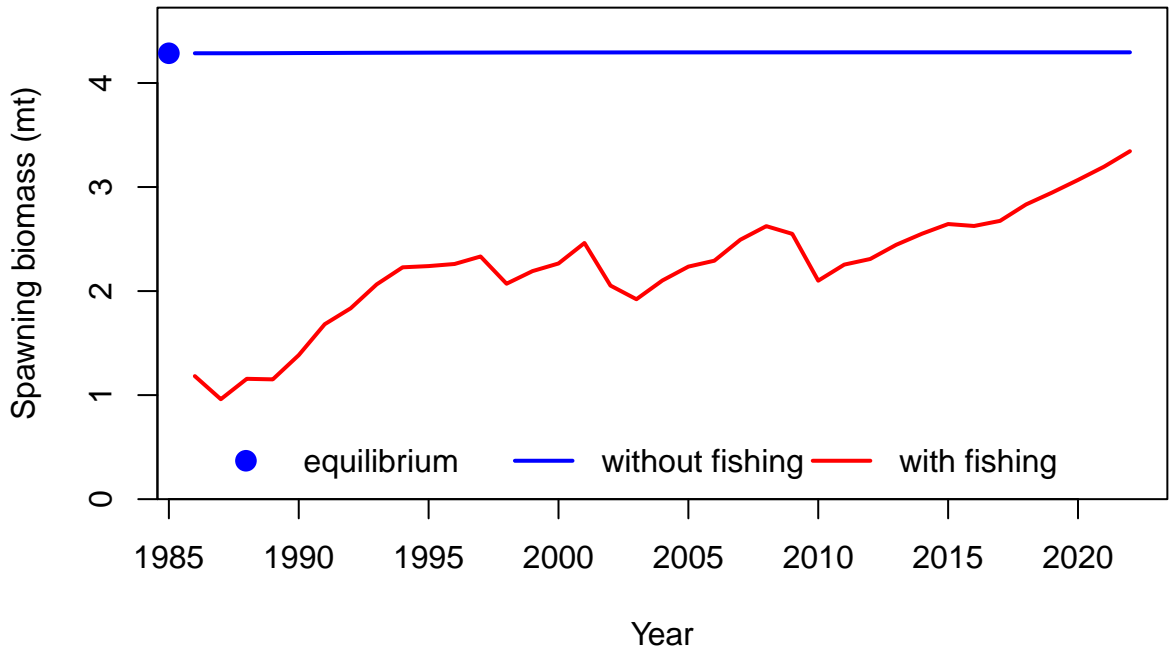


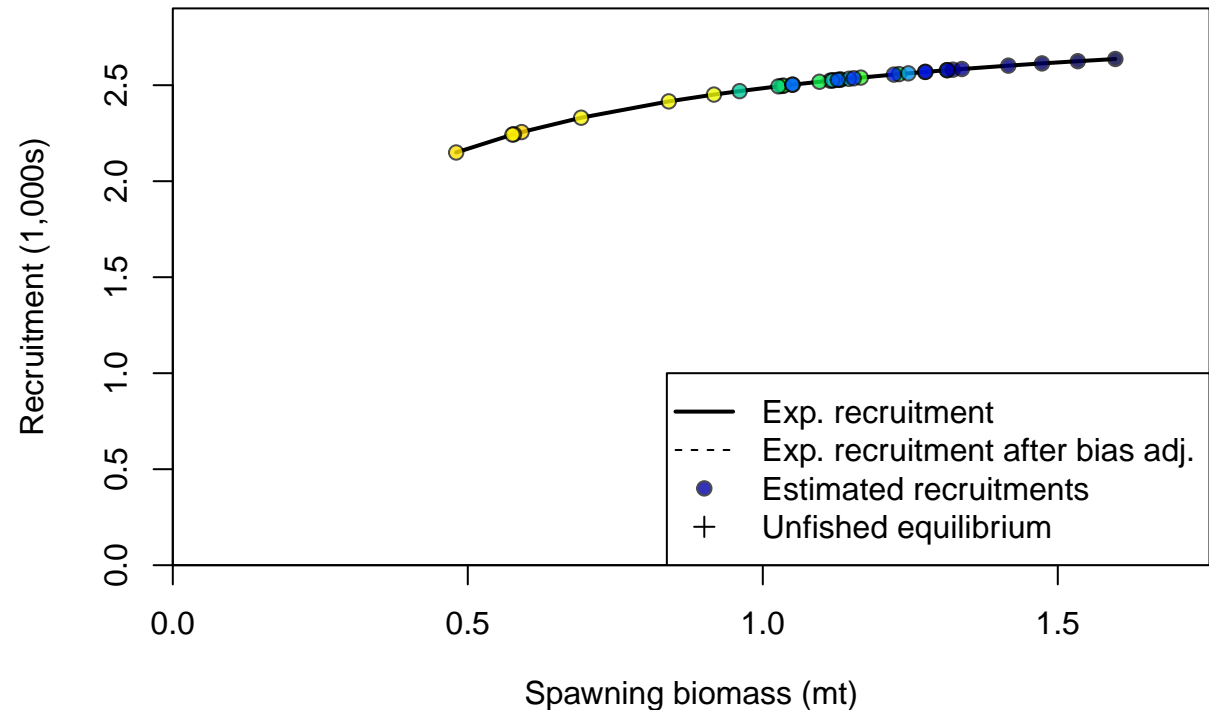
Age-0 recruits (1,000s)

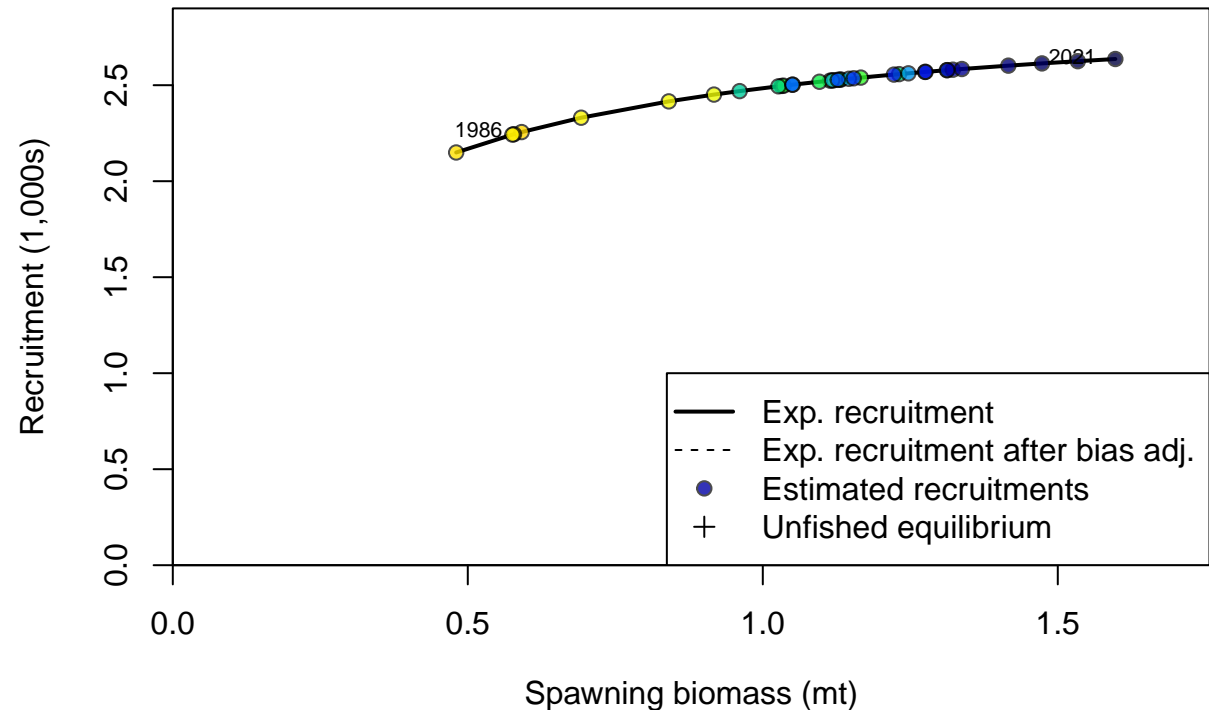


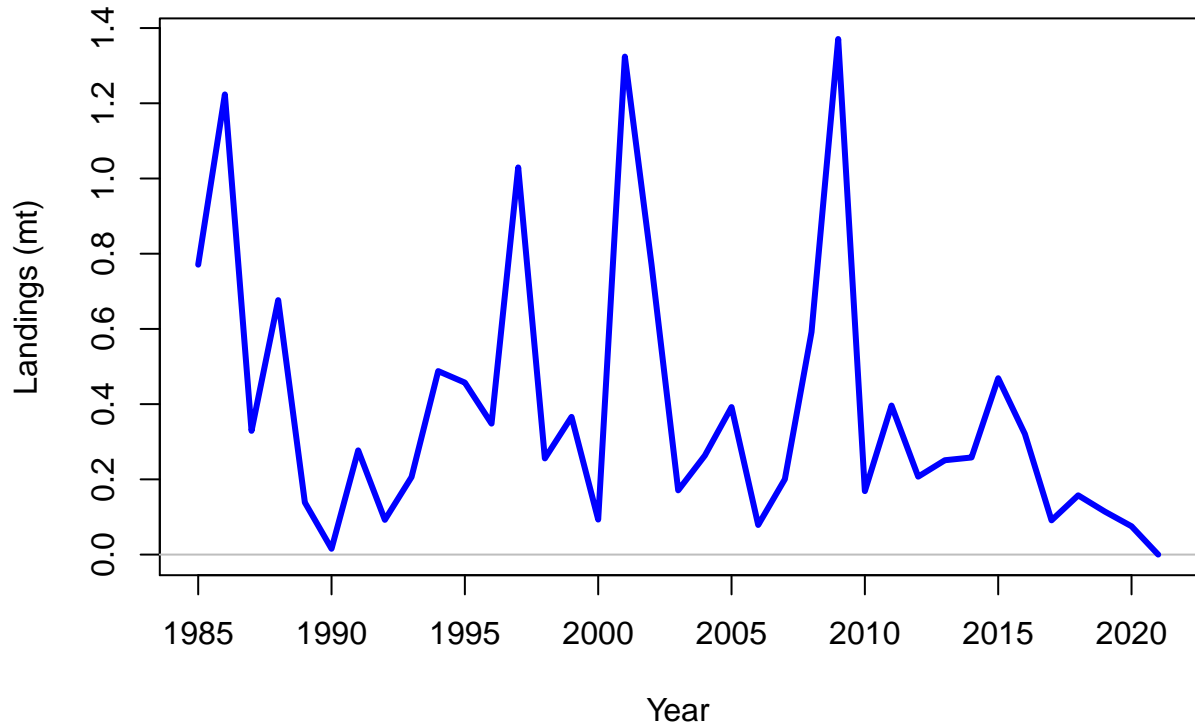
Summary Fishing Mortality

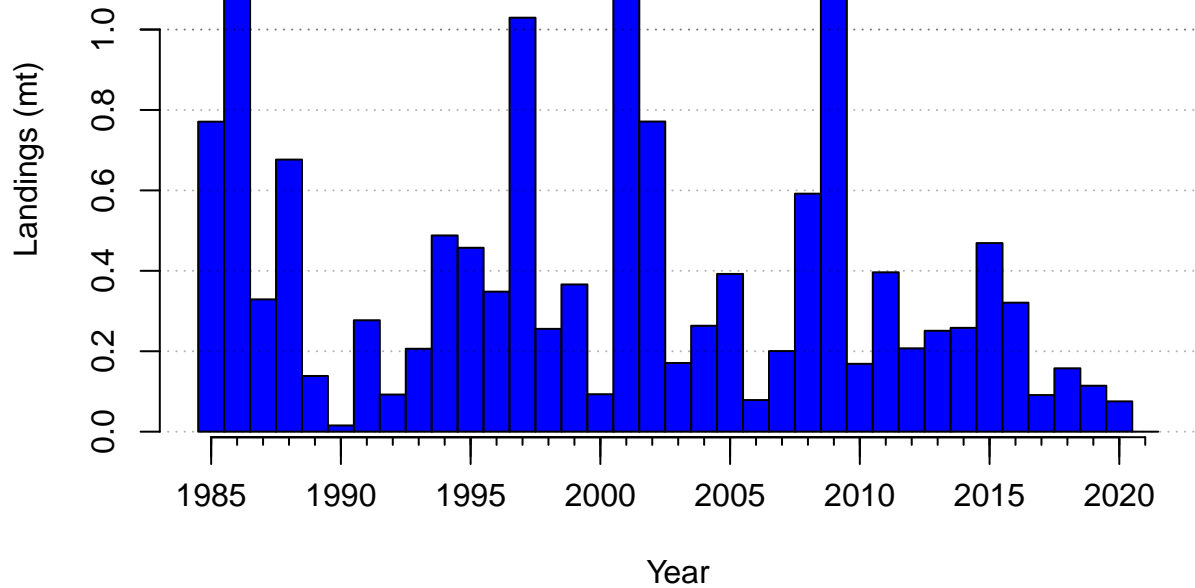


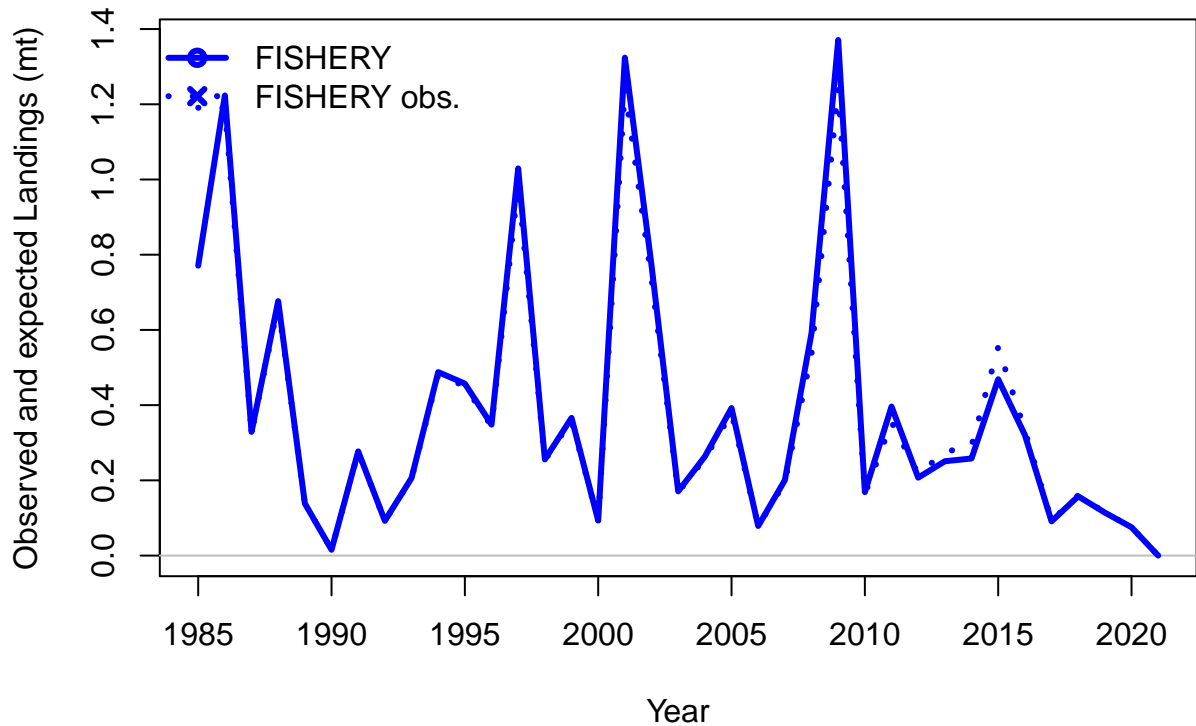


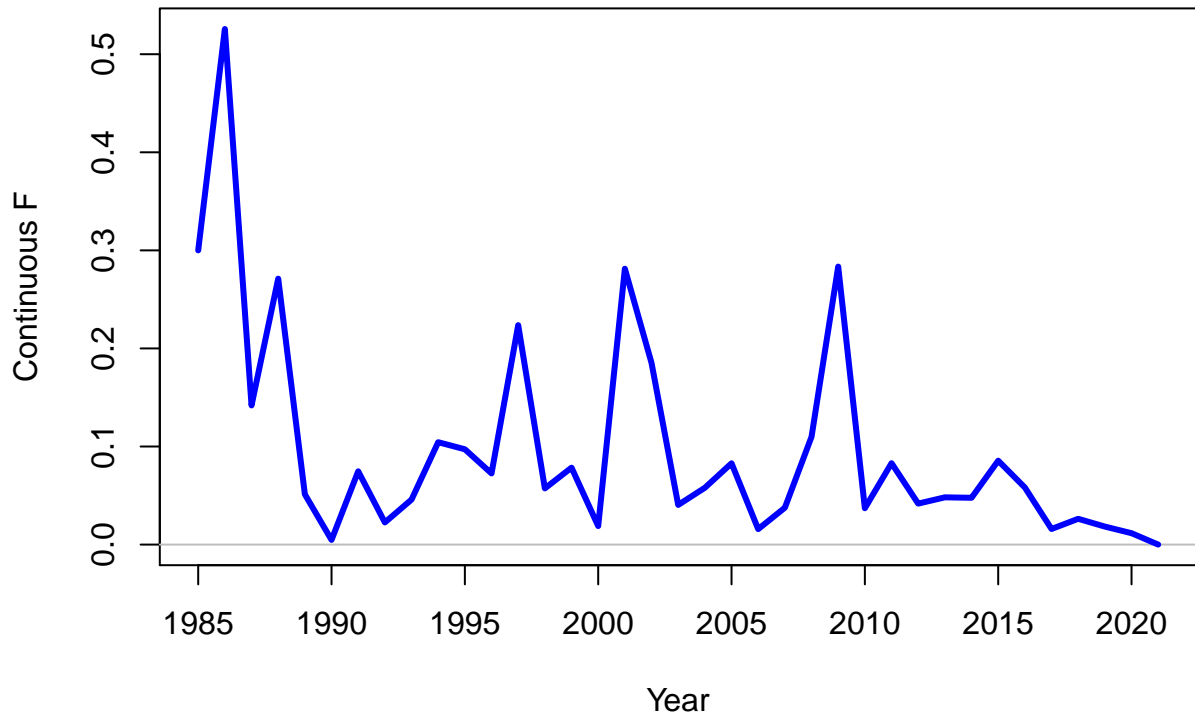




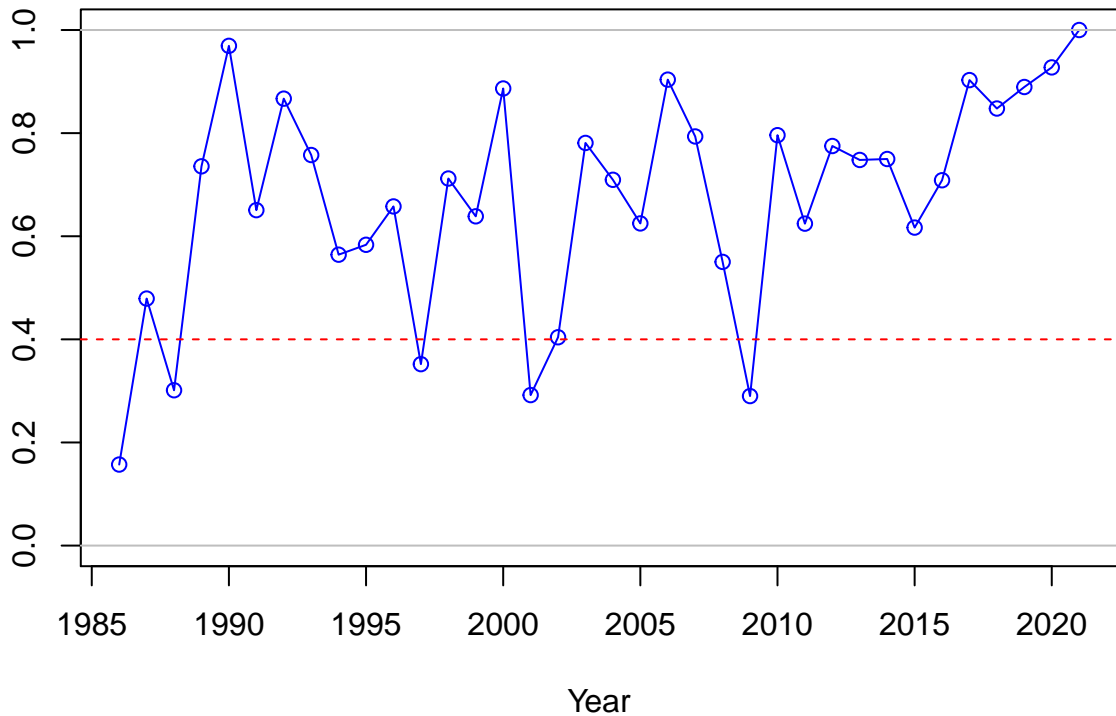




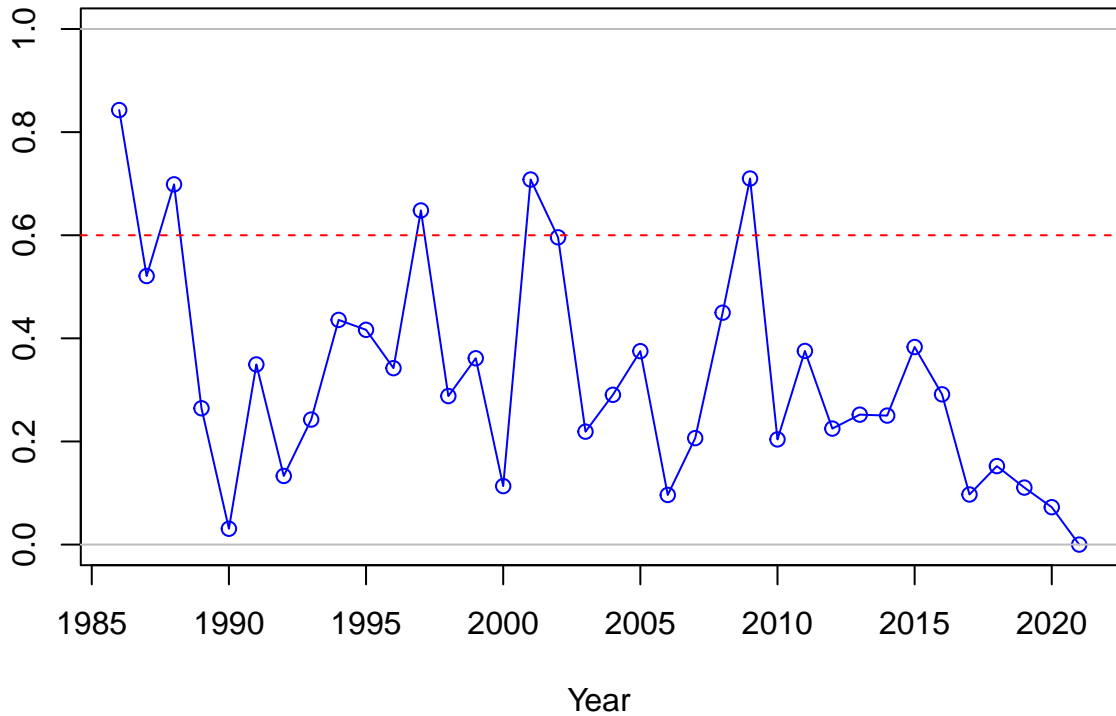




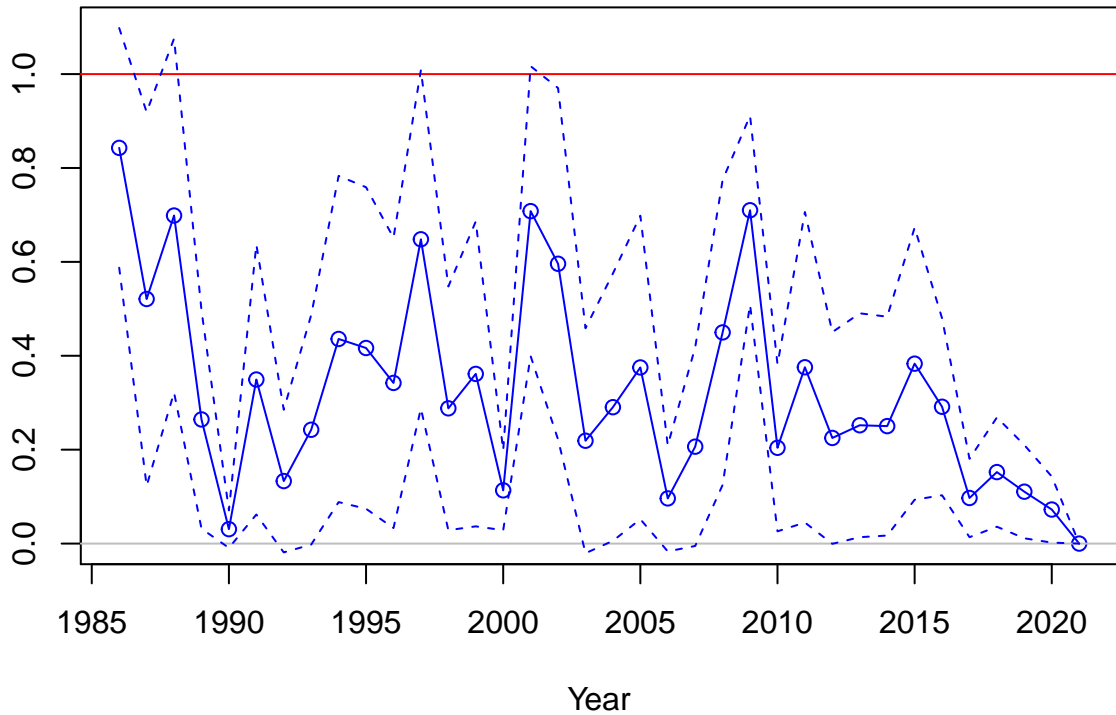
SPR



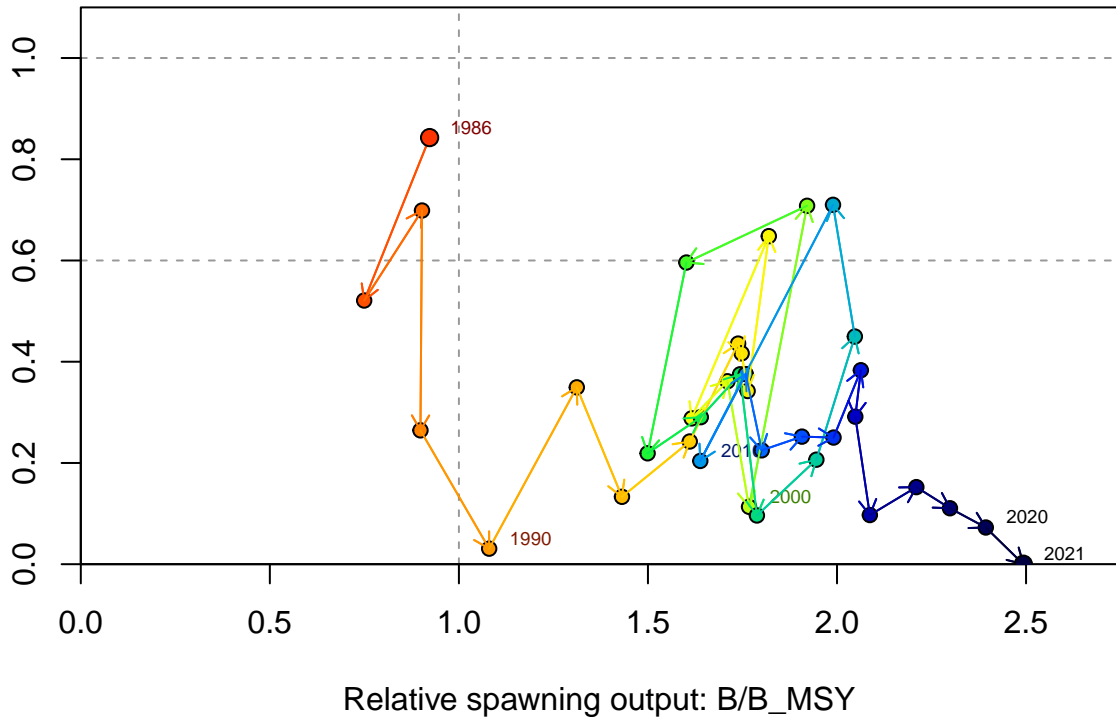
1-SPR

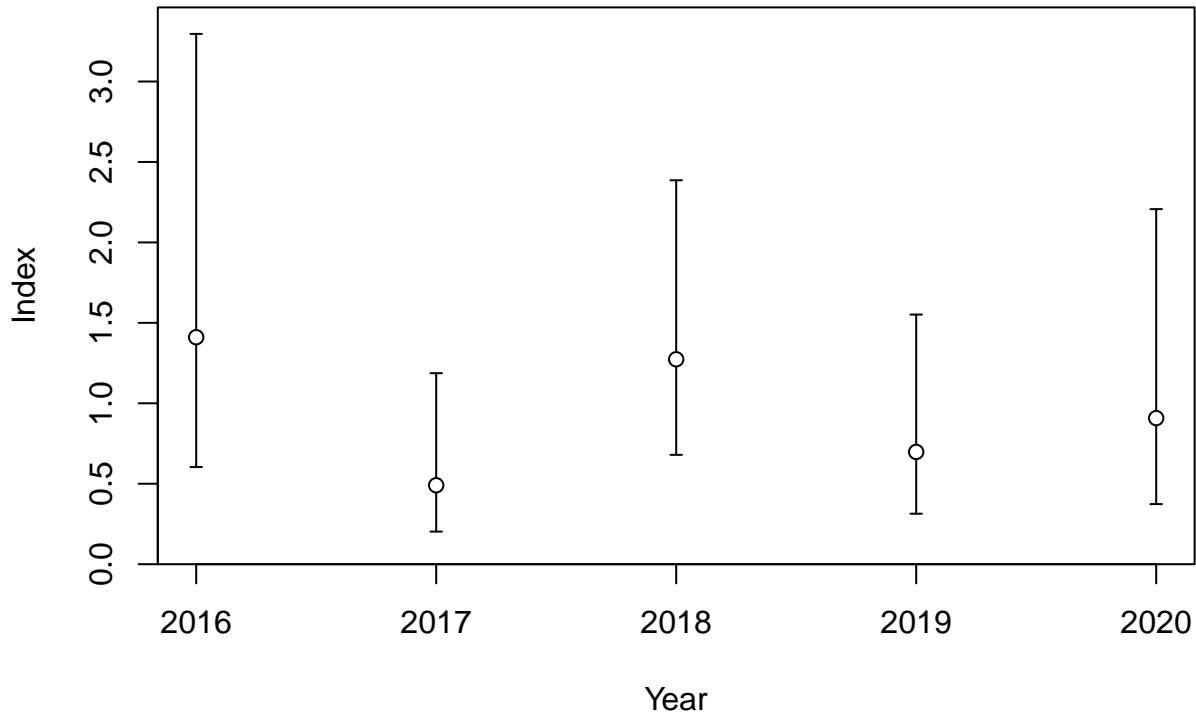


Fishing intensity: 1-SPR

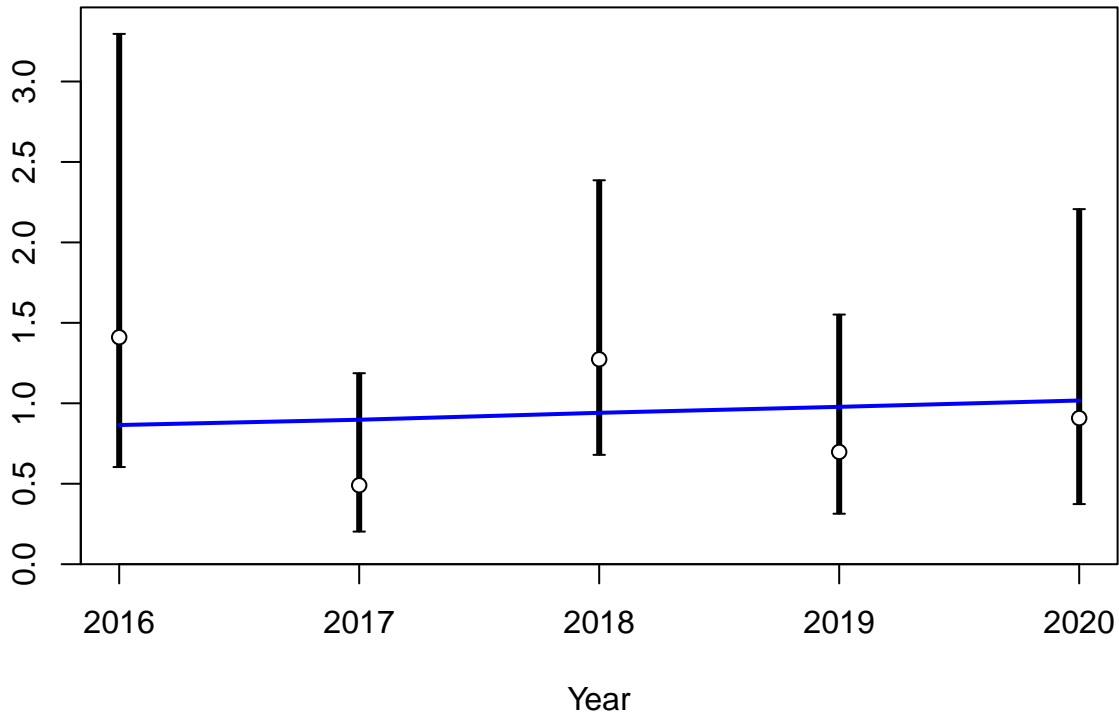


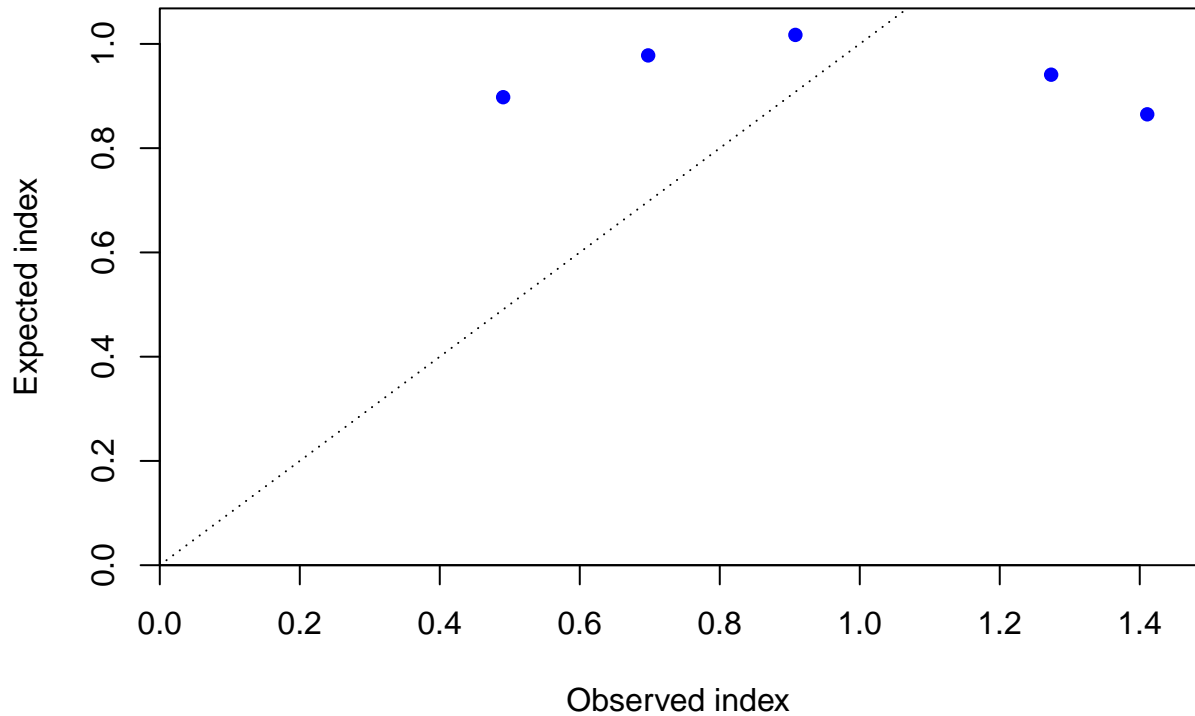
Fishing intensity: 1-SPR

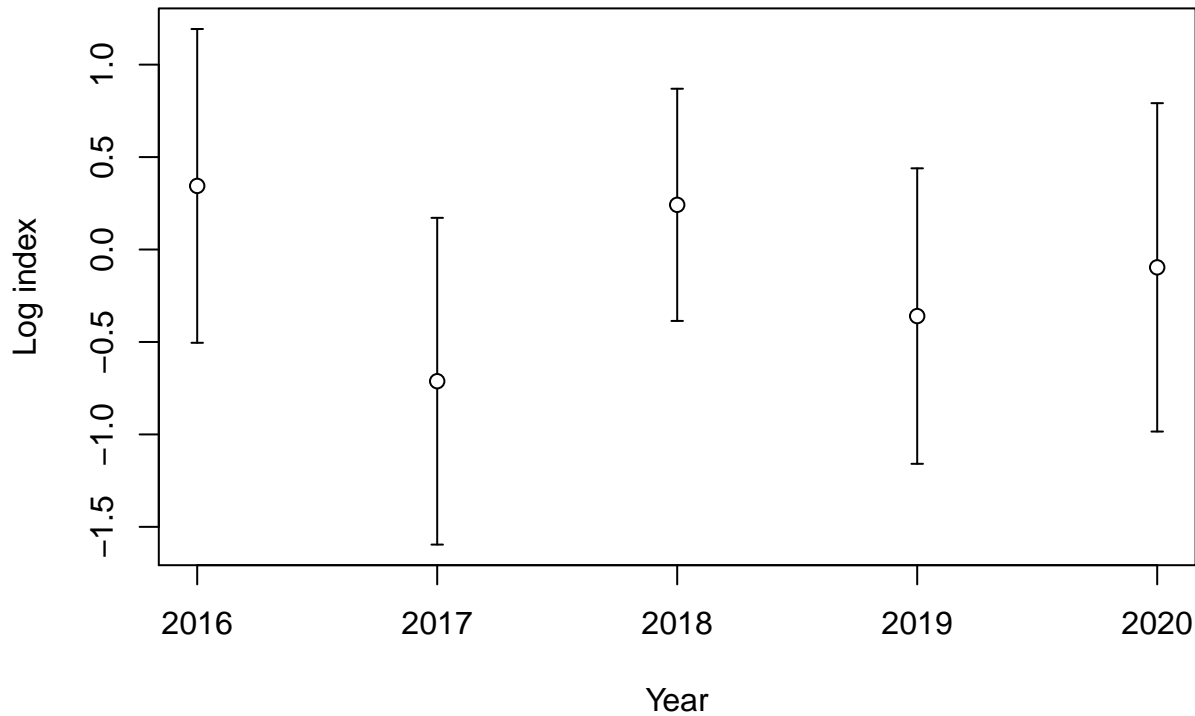


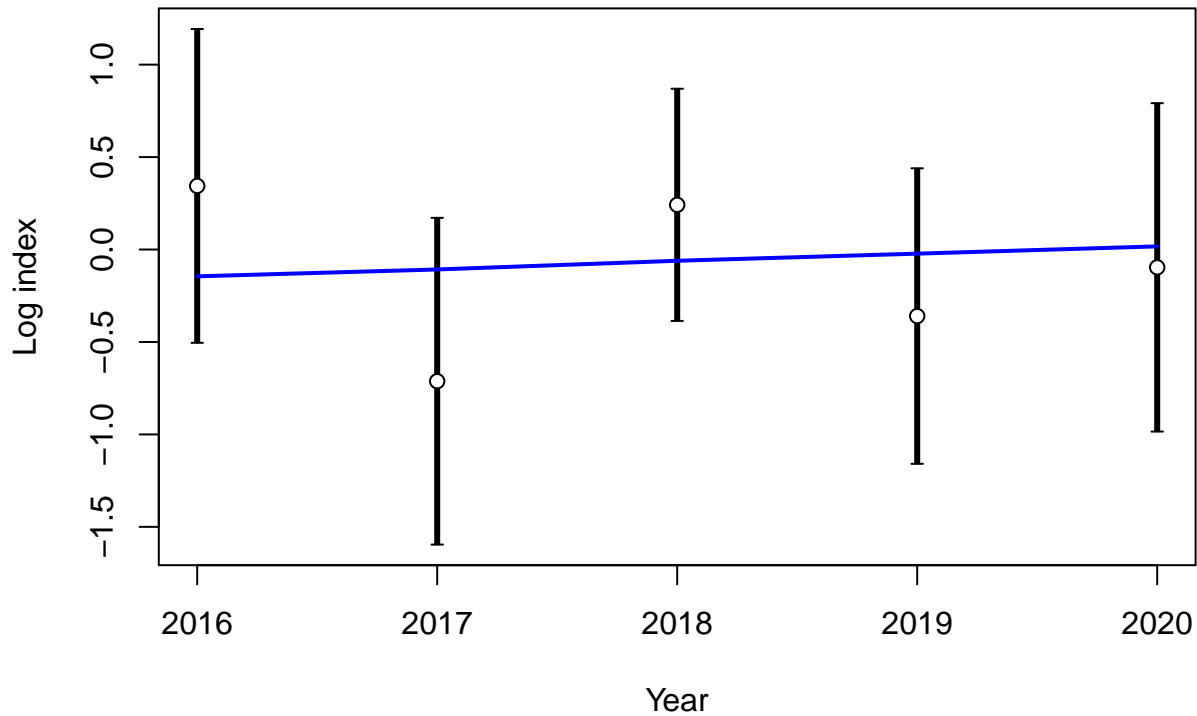


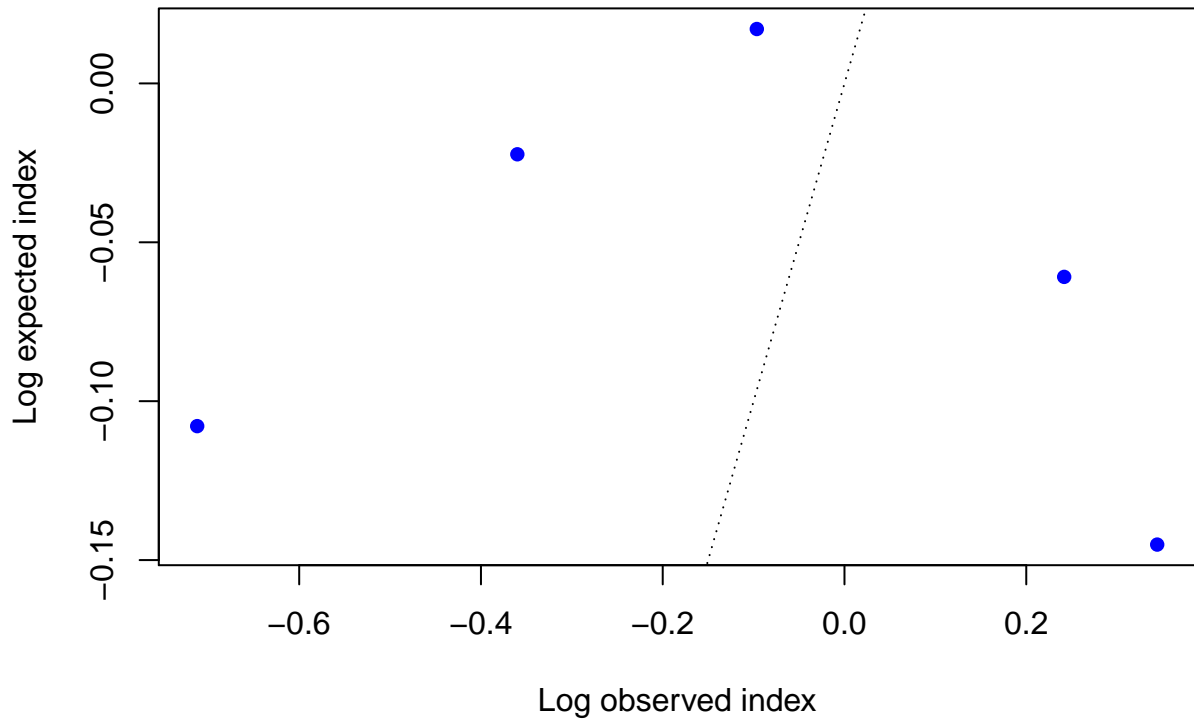
Index

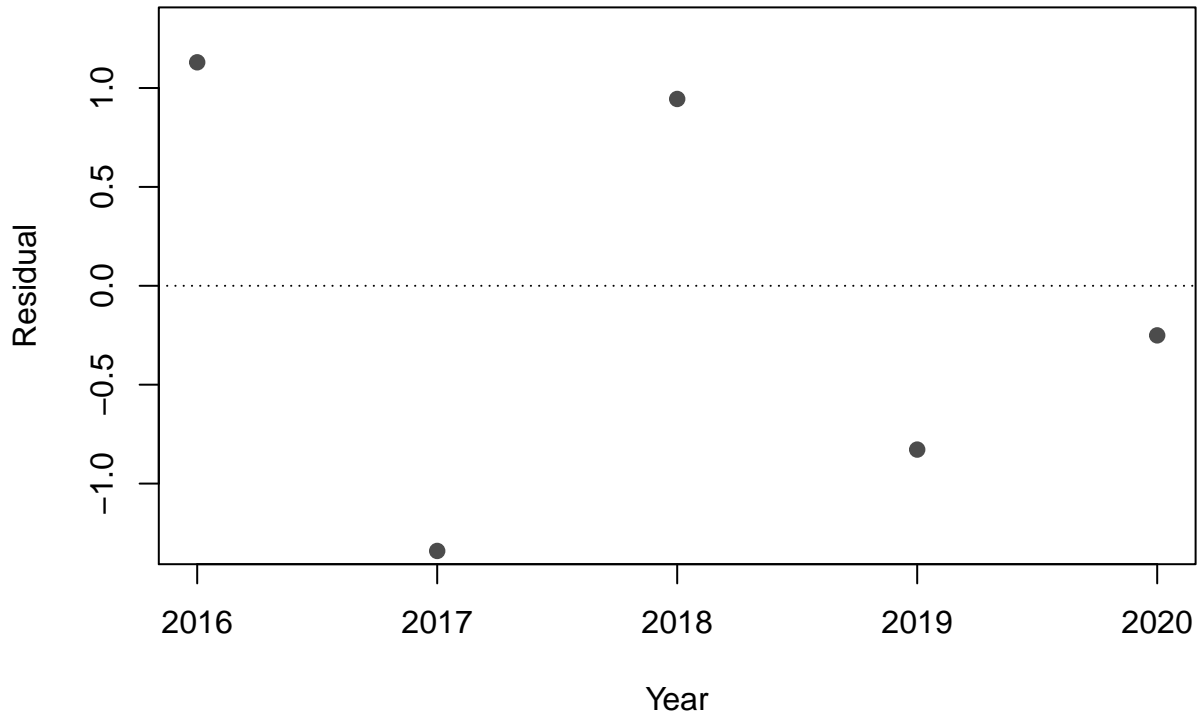




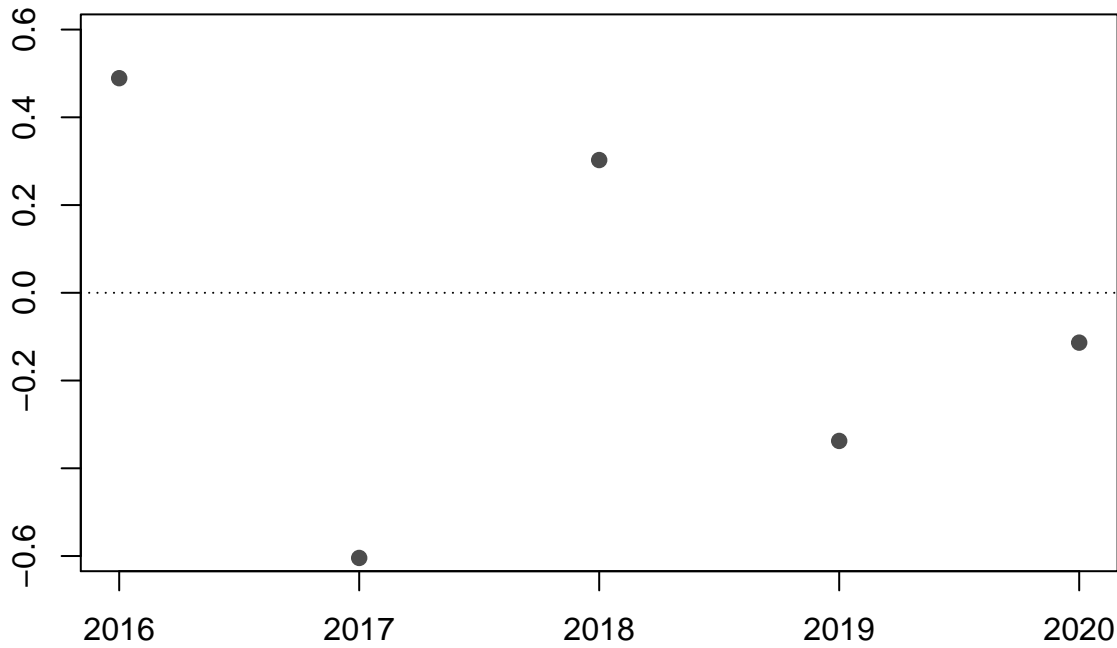




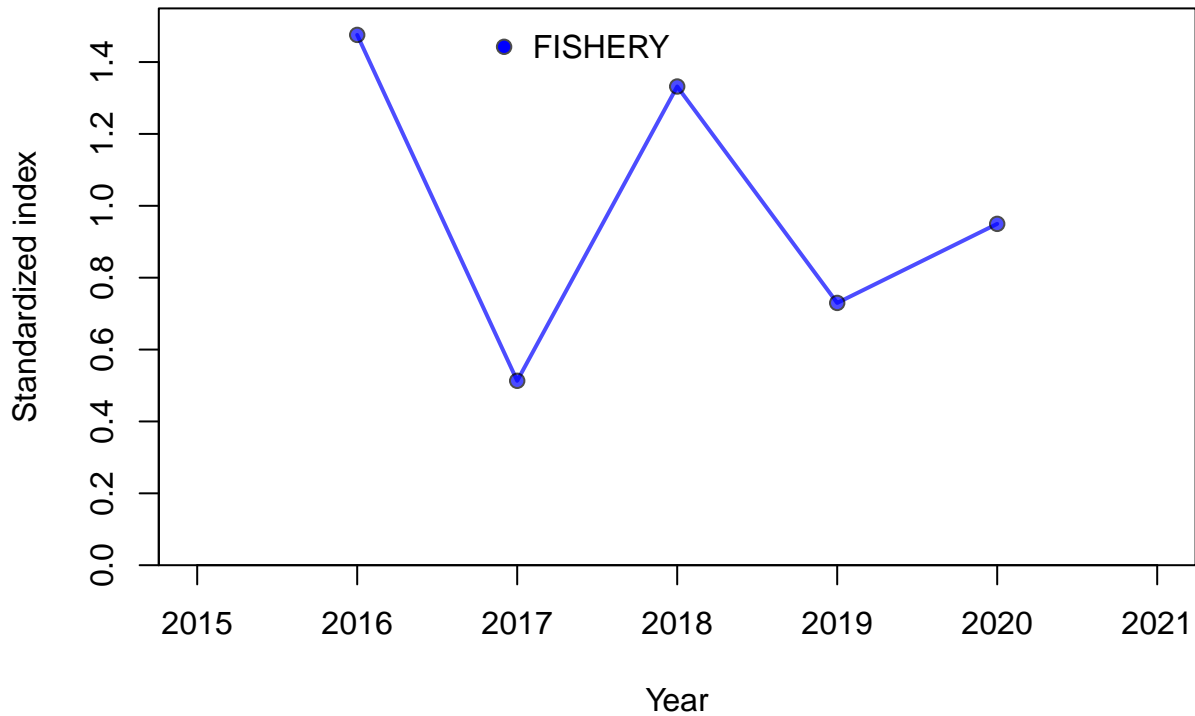




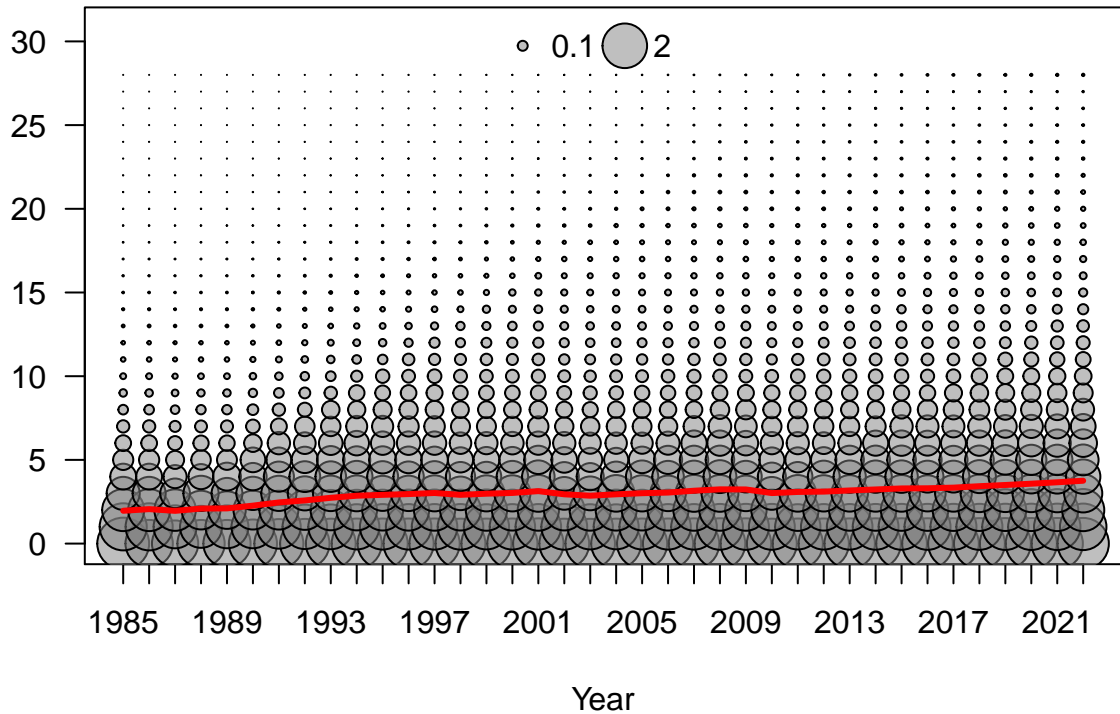
Deviation



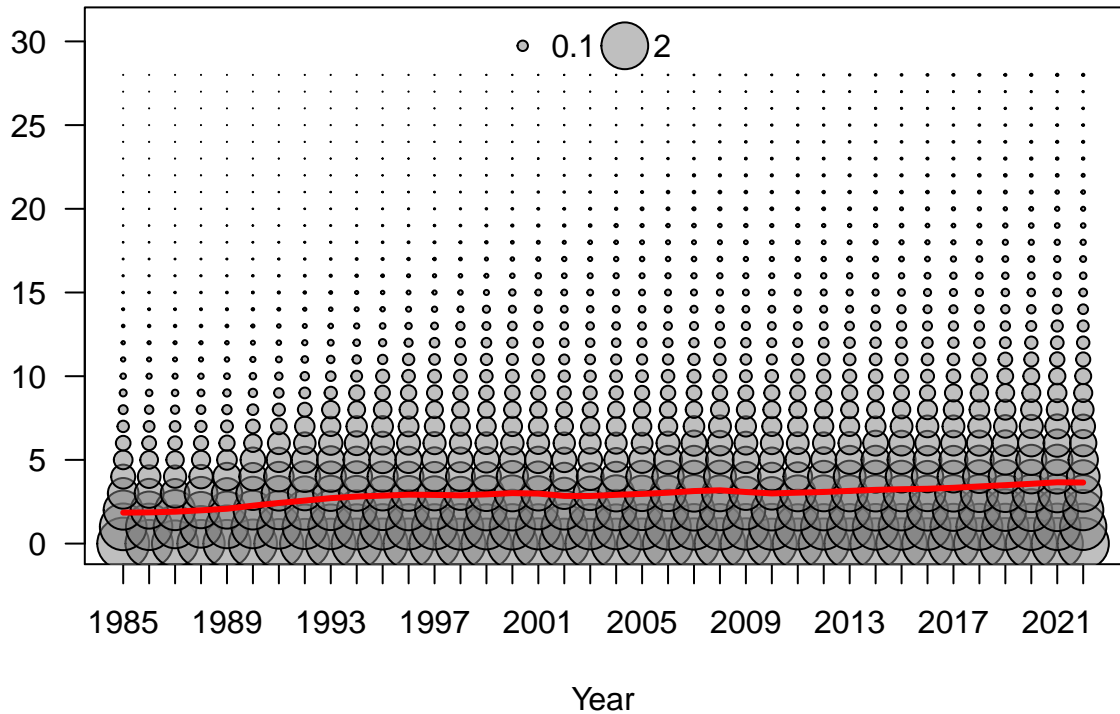
Year

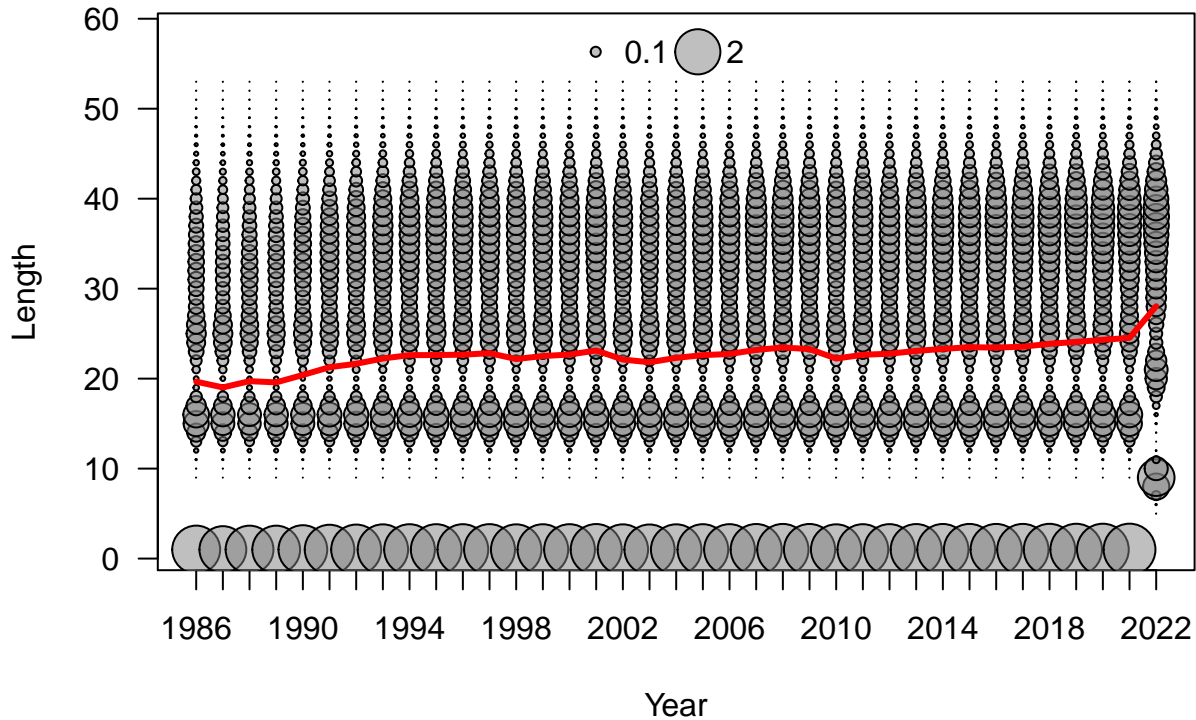


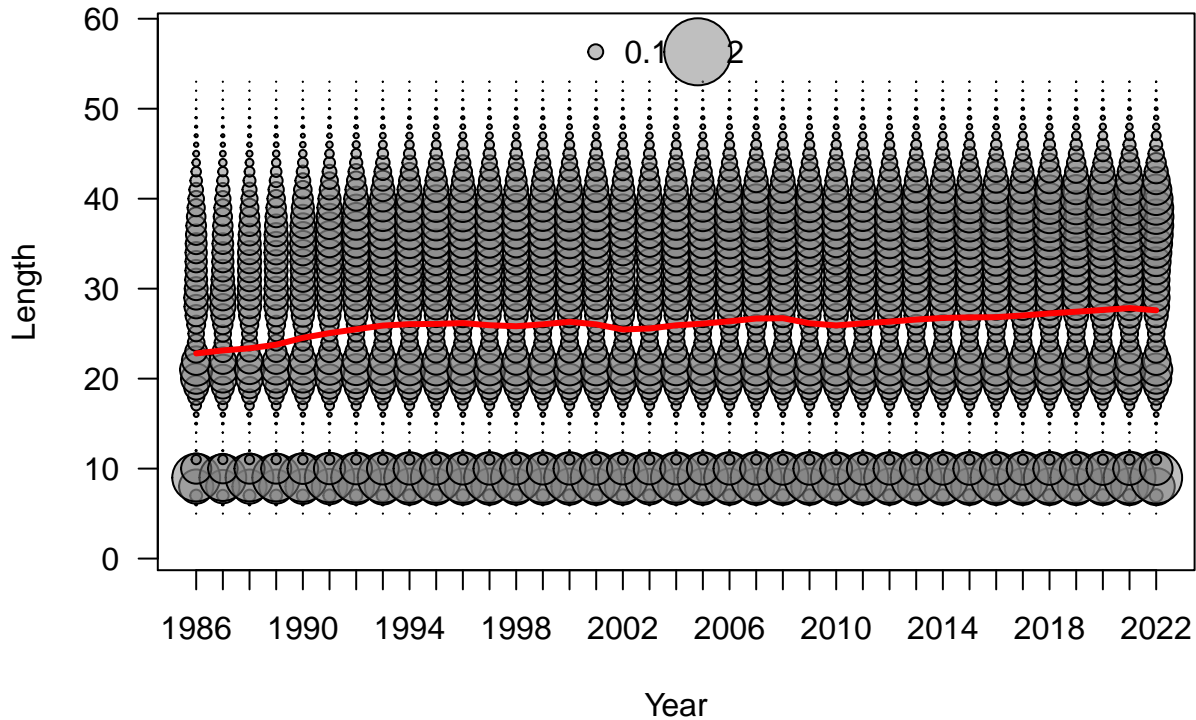
Age



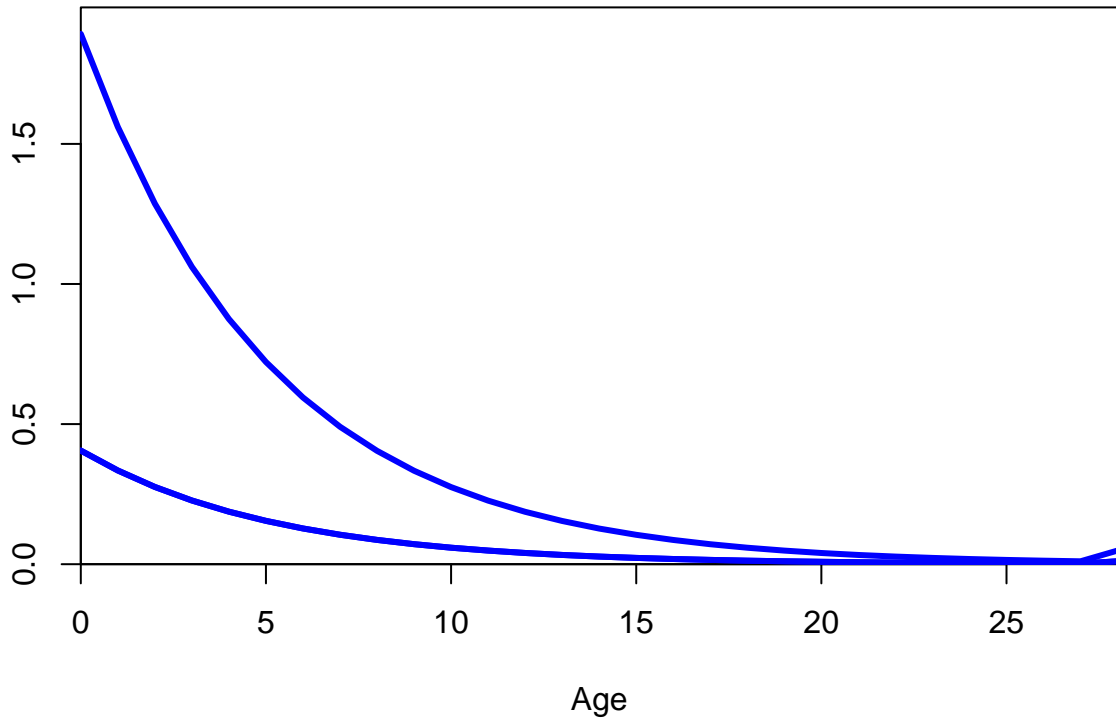
Age

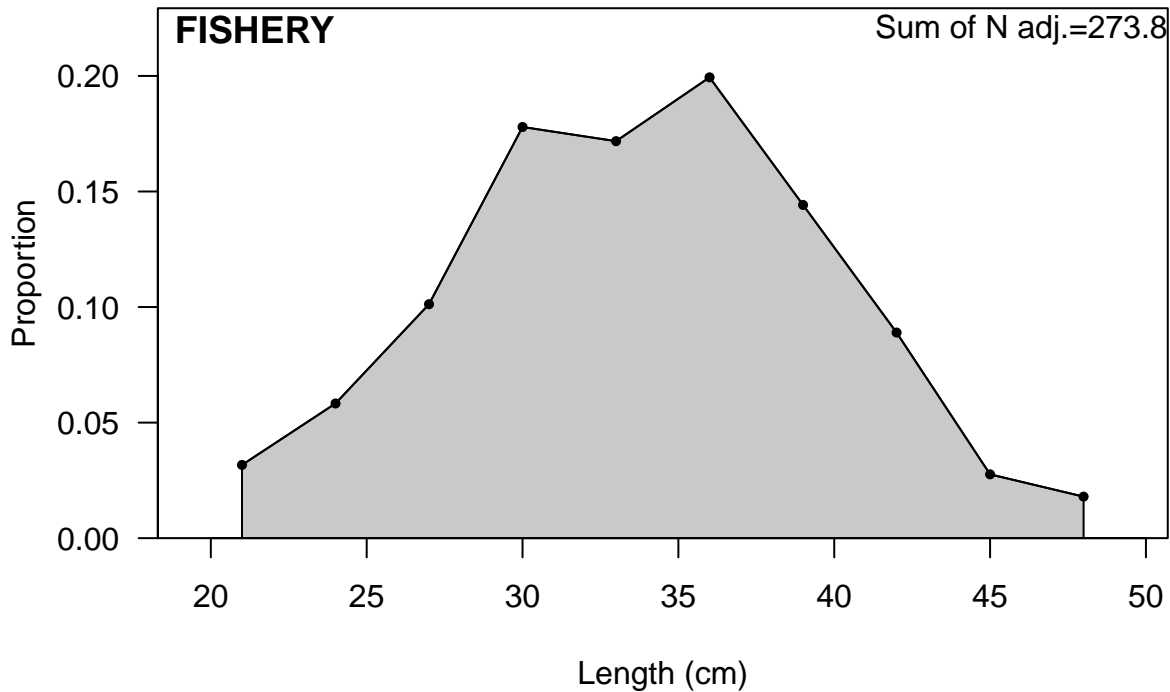


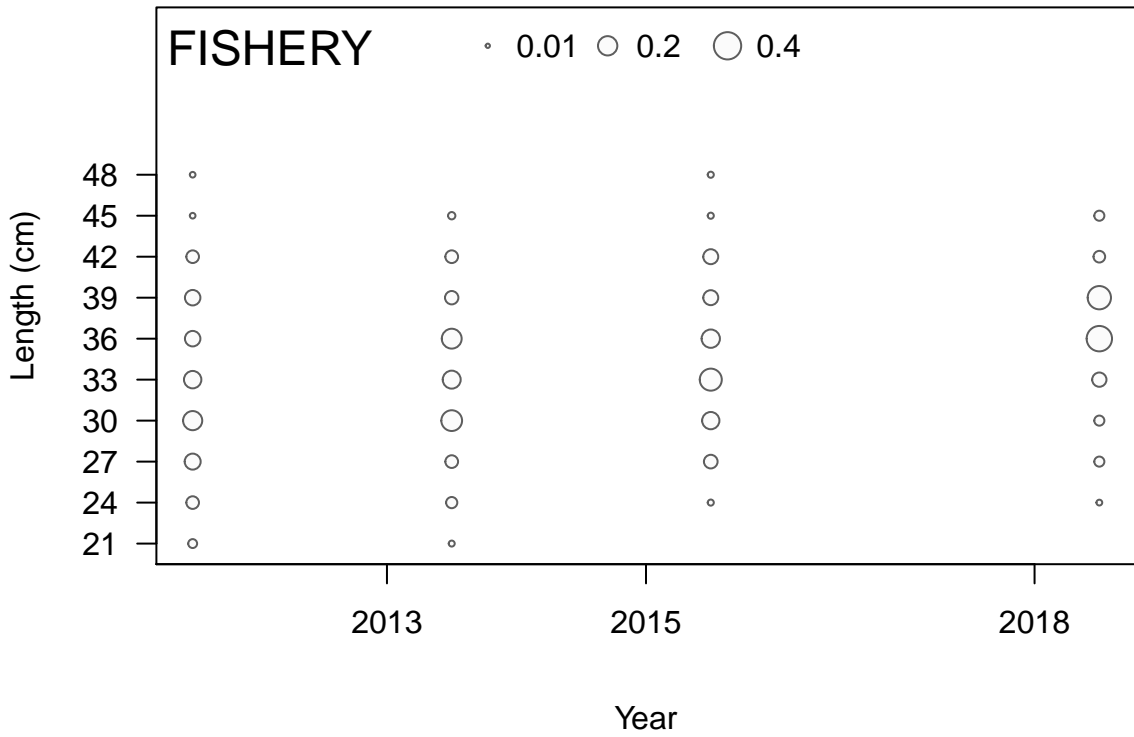




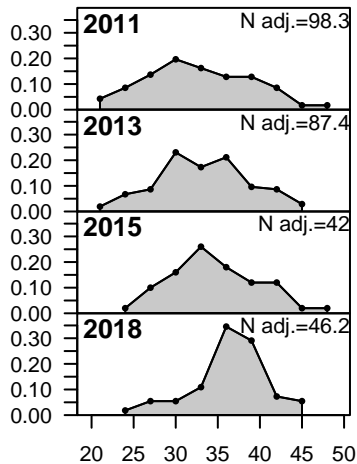
Numbers at age at equilibrium



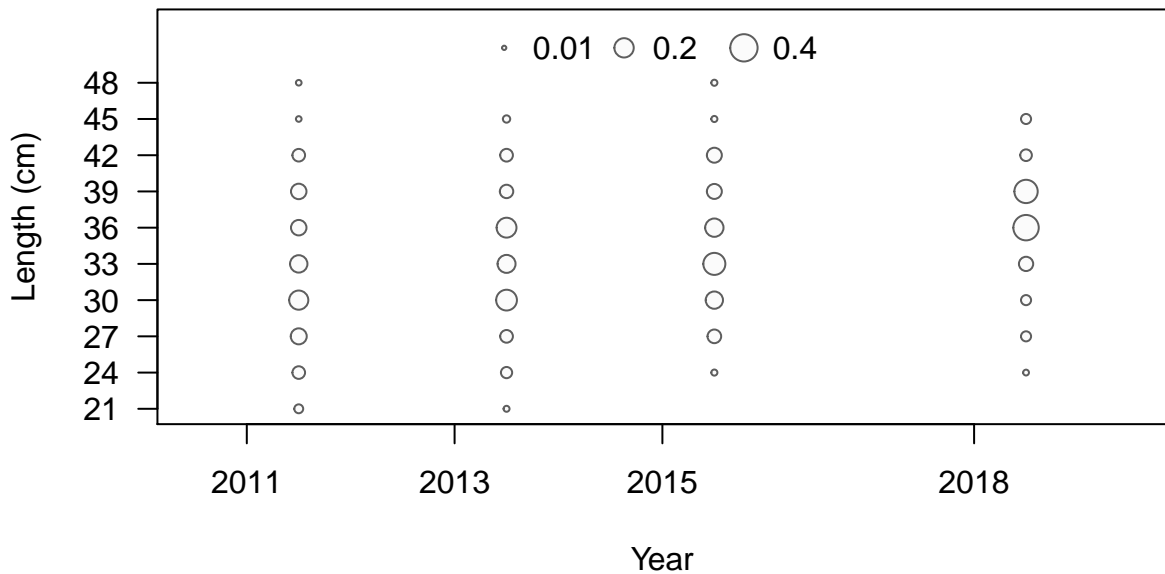




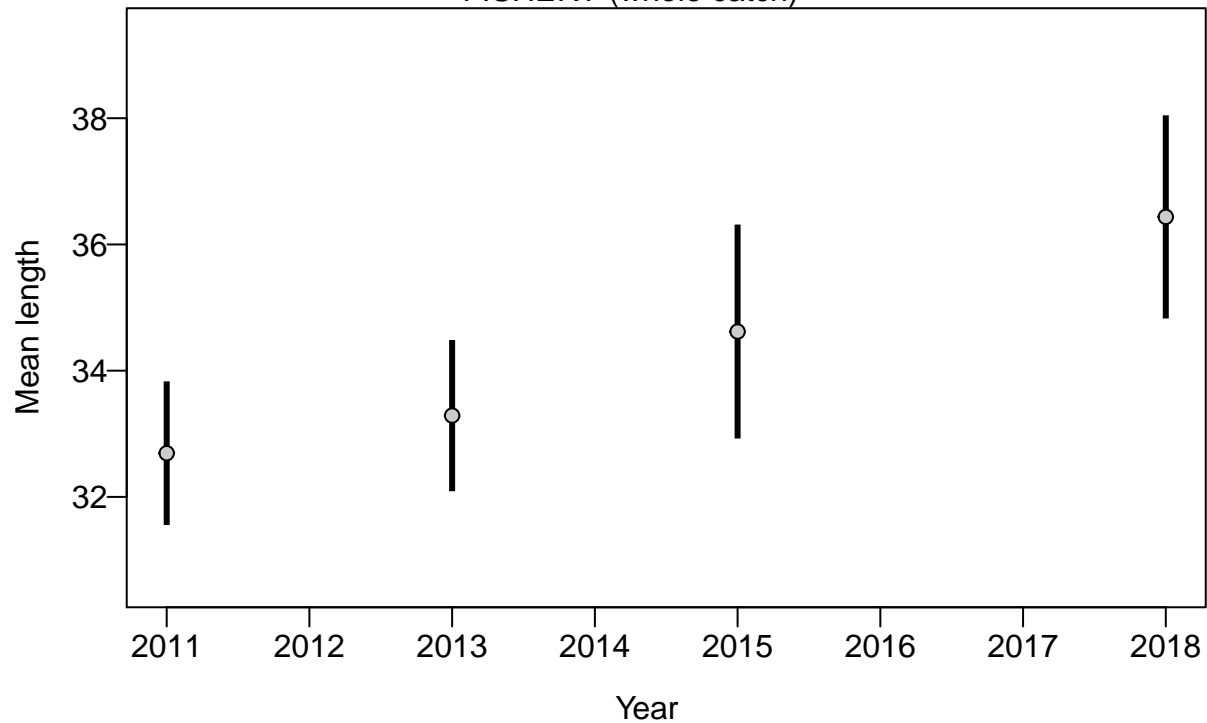
Proportion



Length (cm)

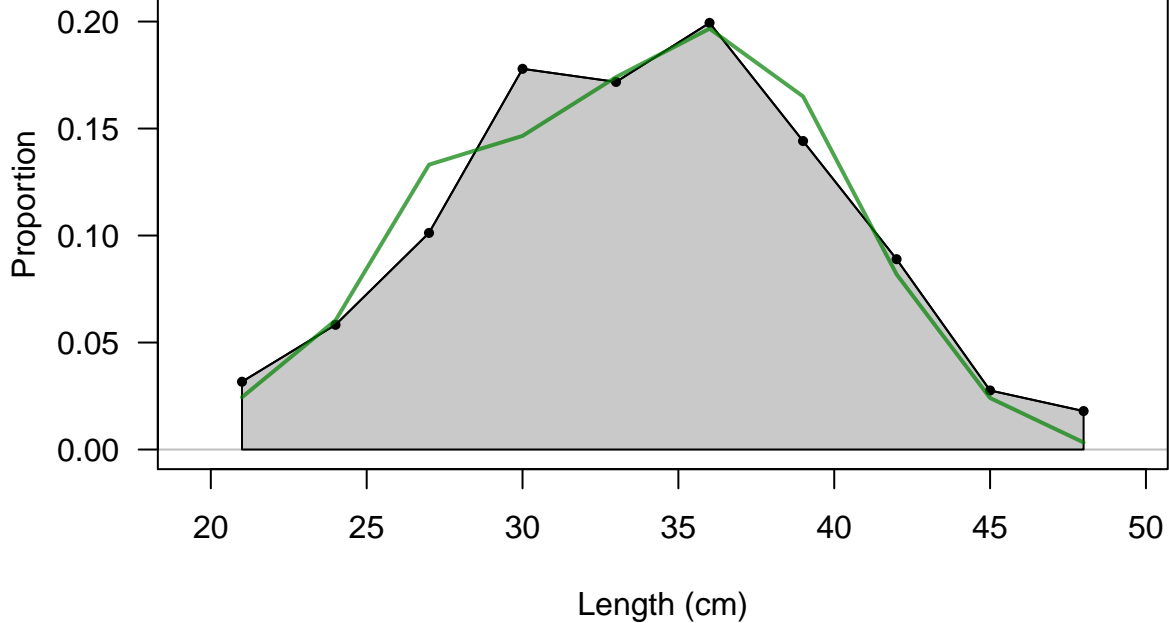


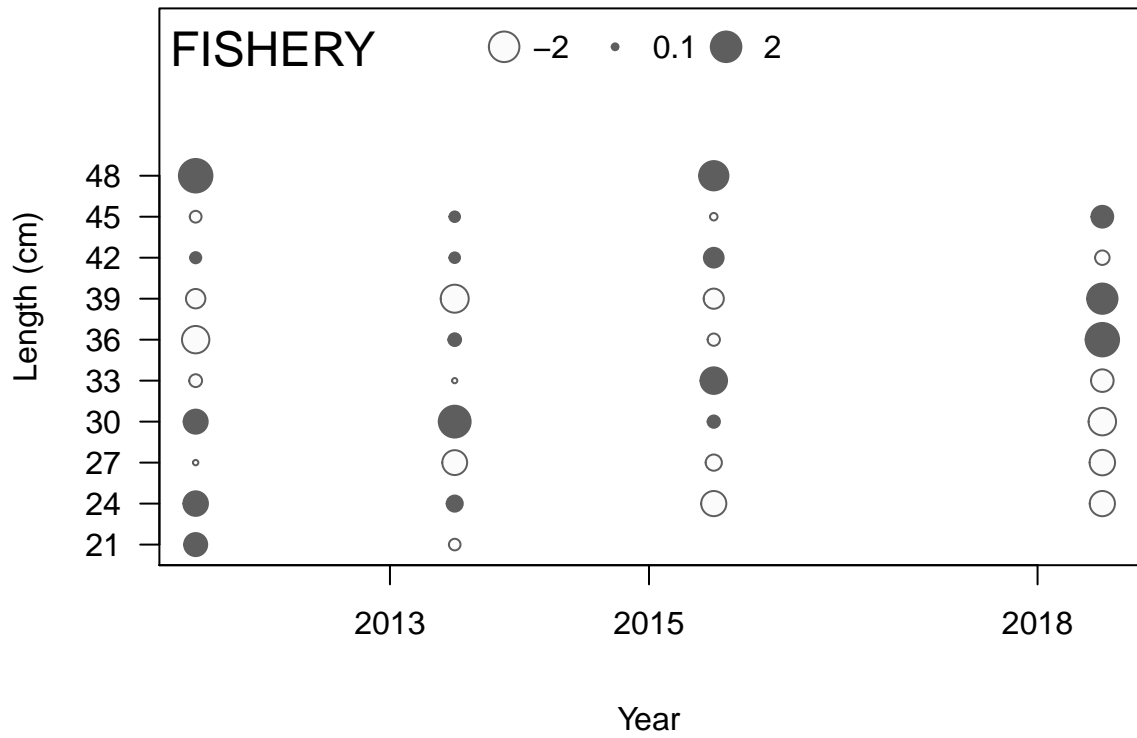
FISHERY (whole catch)



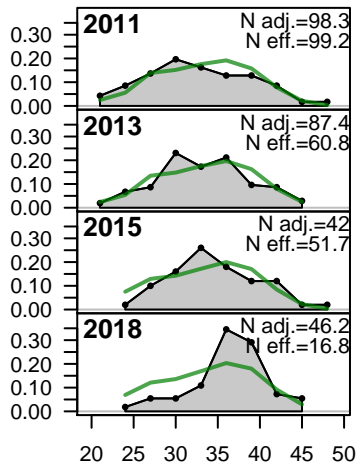
FISHERY

Sum of N adj.=273.8
Sum of N eff.=228.4

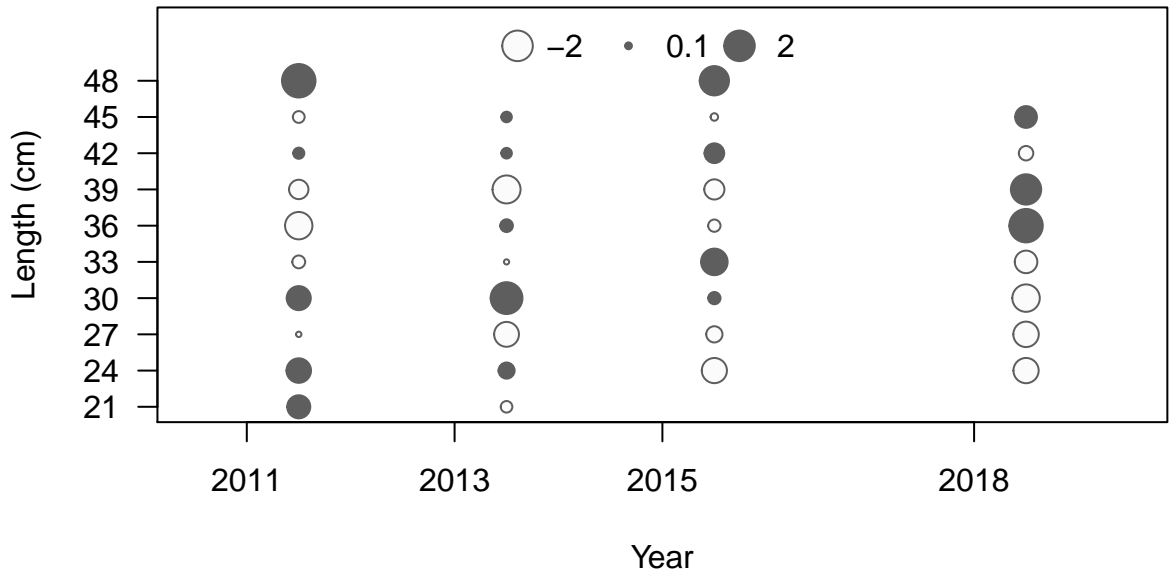




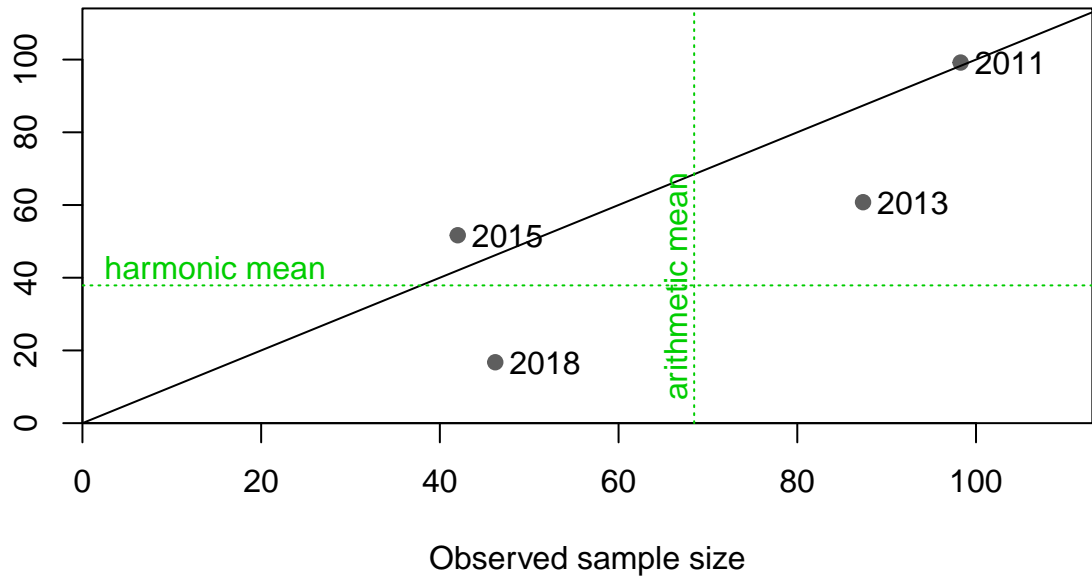
Proportion



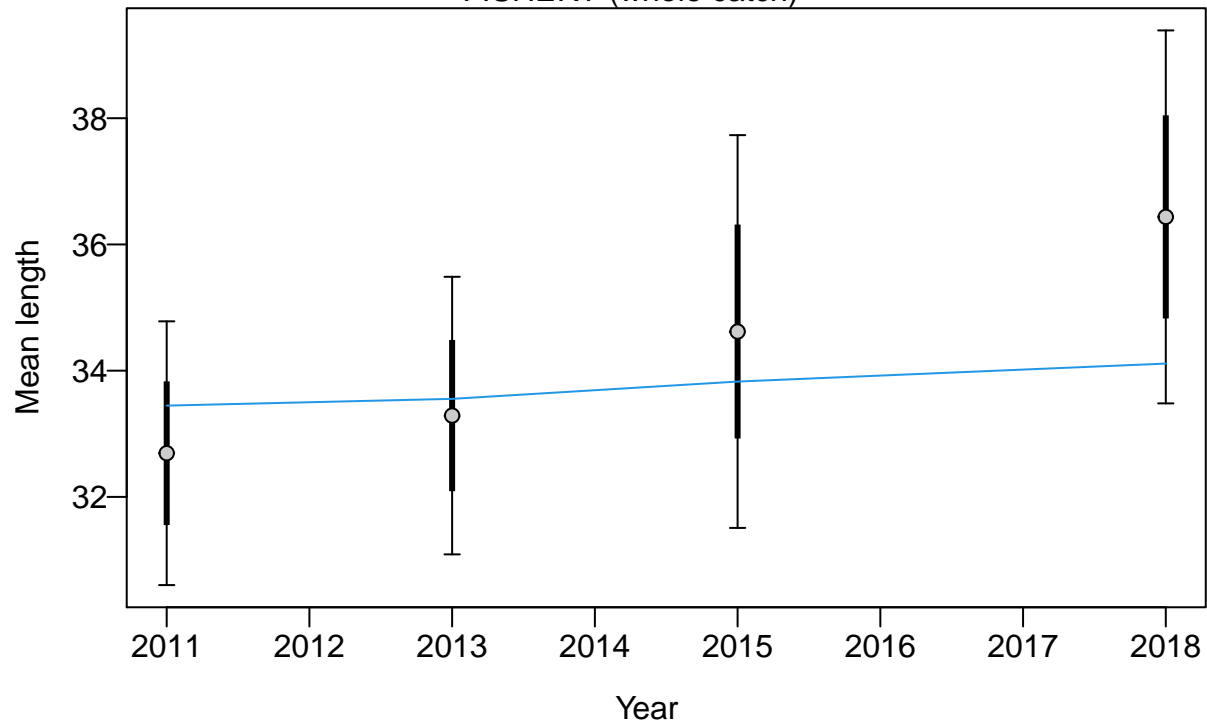
Length (cm)

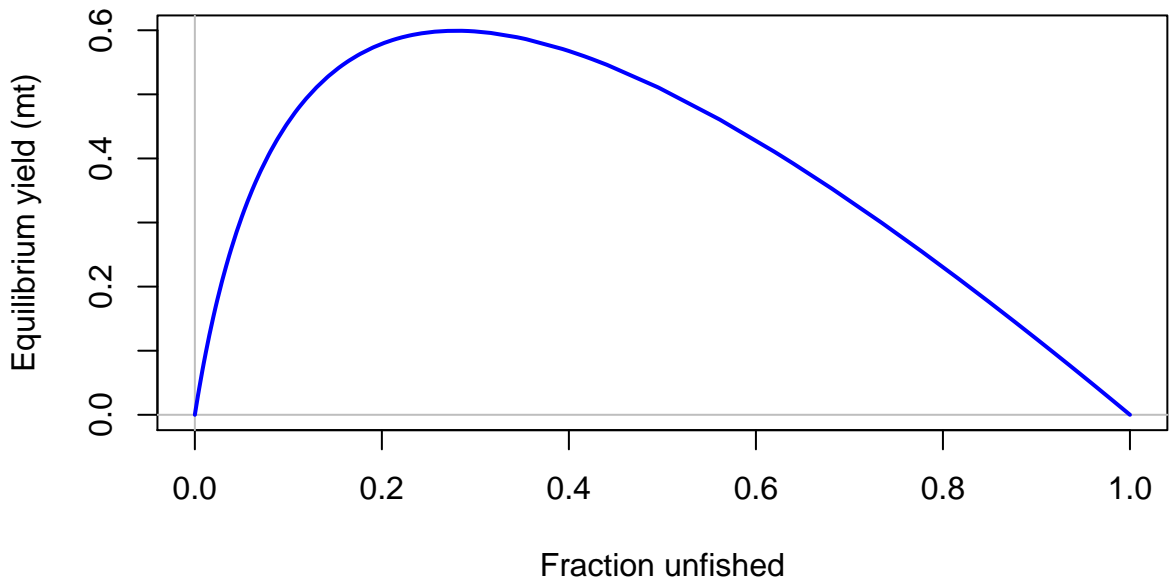


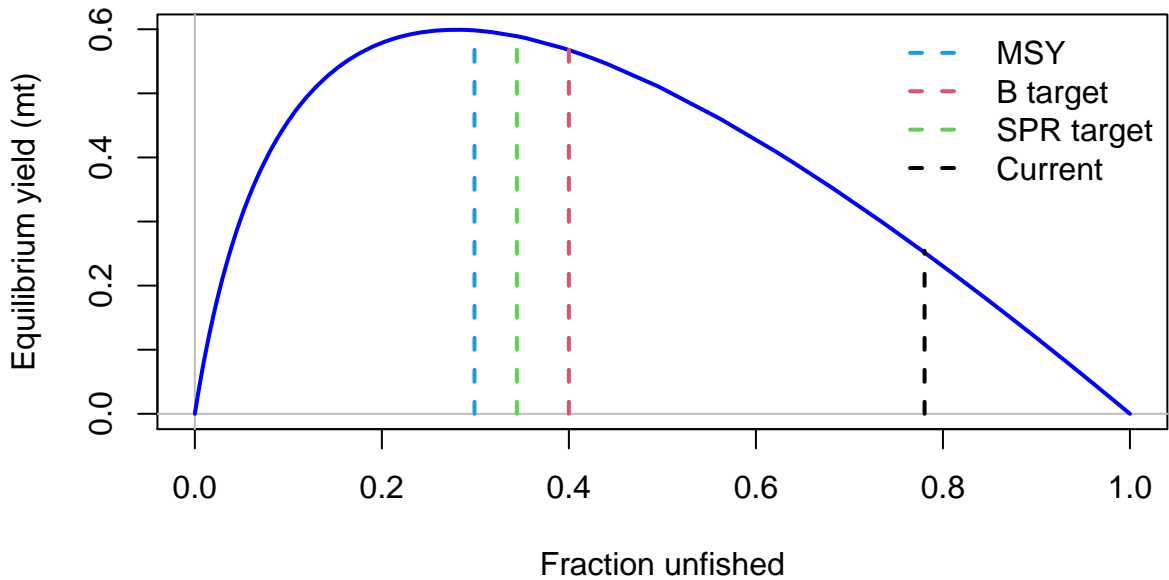
Effective sample size

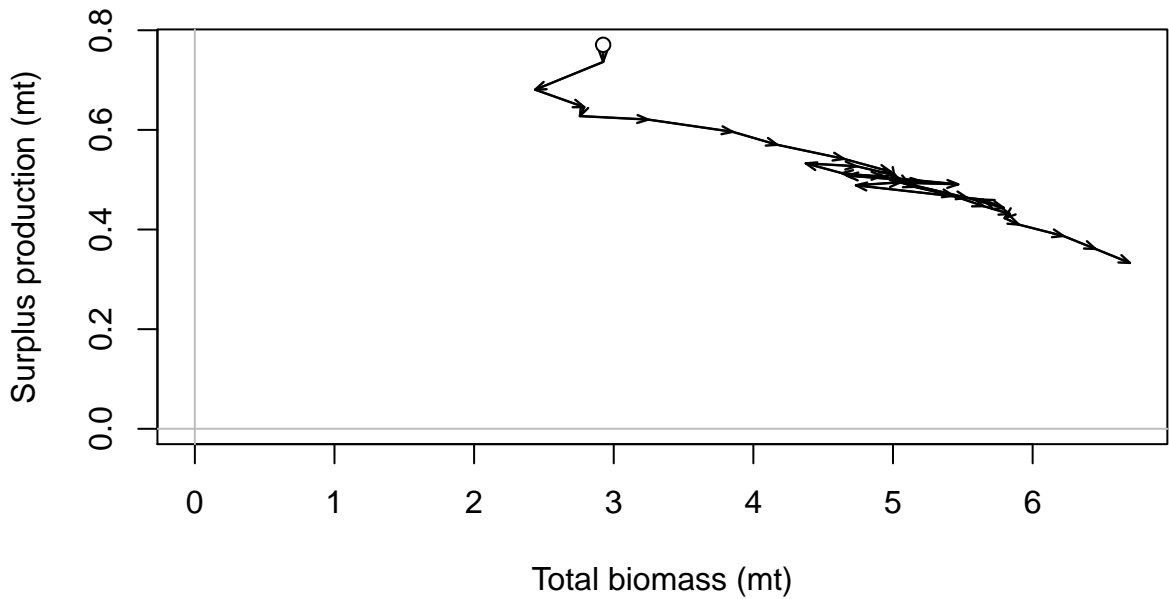


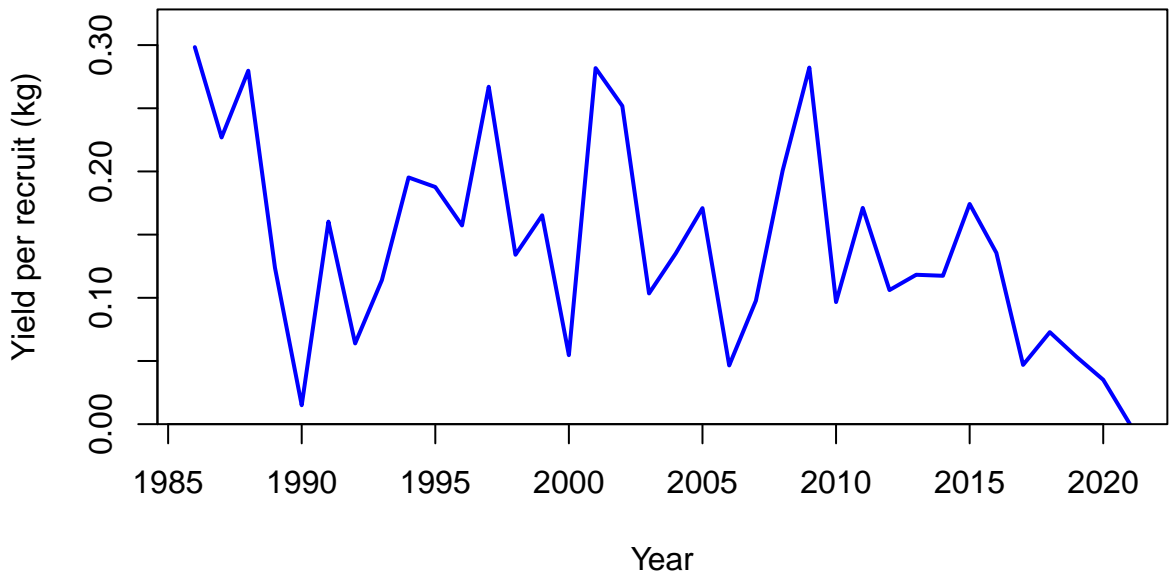
FISHERY (whole catch)

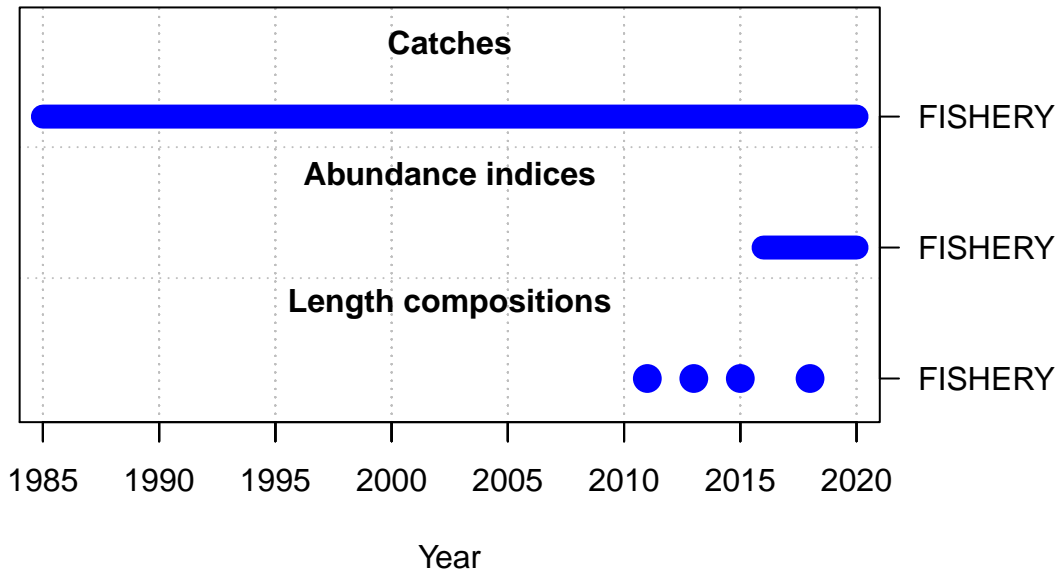


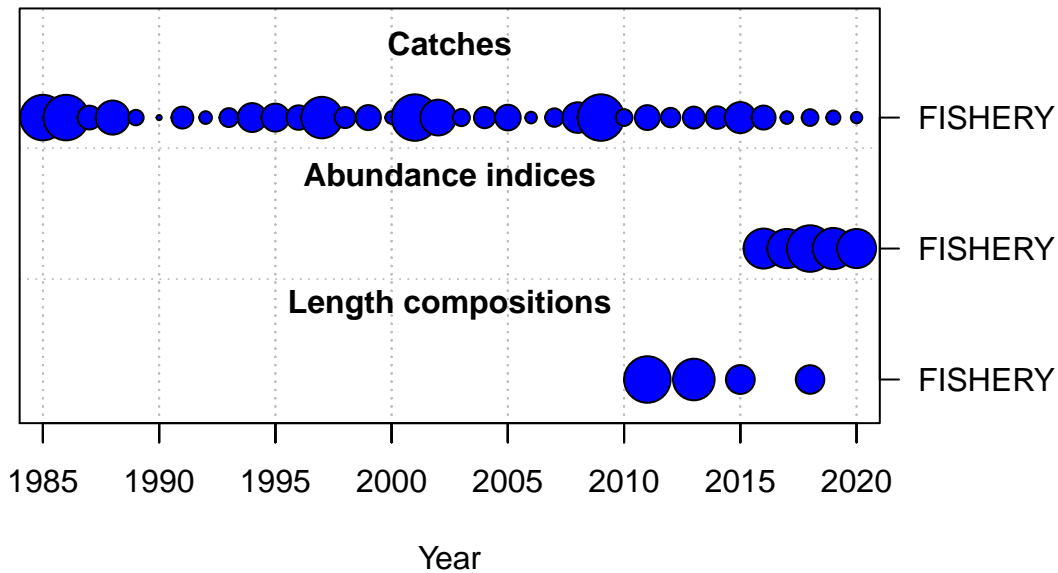








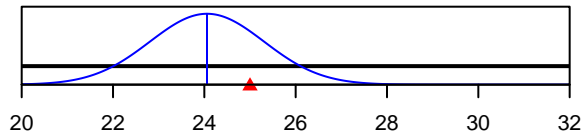




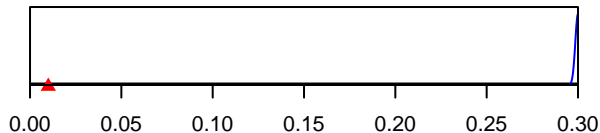
SR_LN(R0)



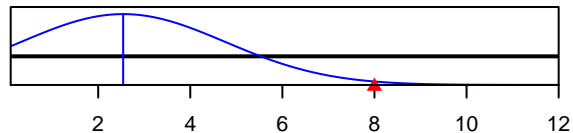
Size_inflection_FISHERY(1)



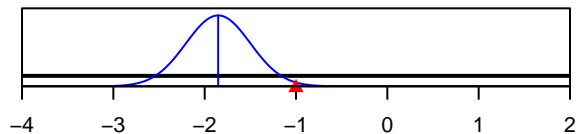
InitF_seas_1_flt_1FISHERY



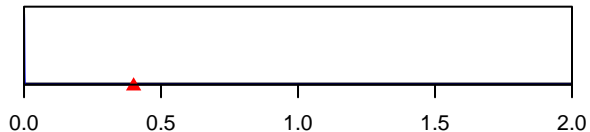
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



Q_extraSD_FISHERY(1)



Parameter value