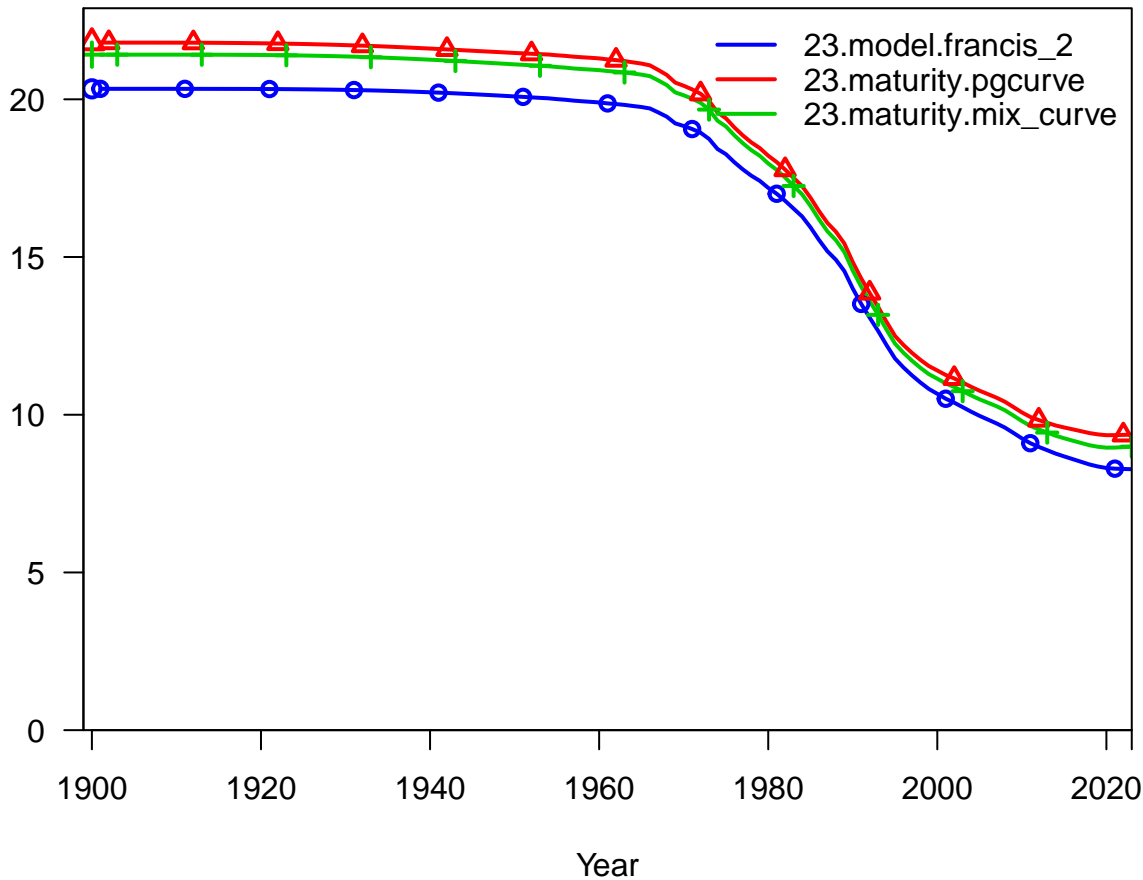
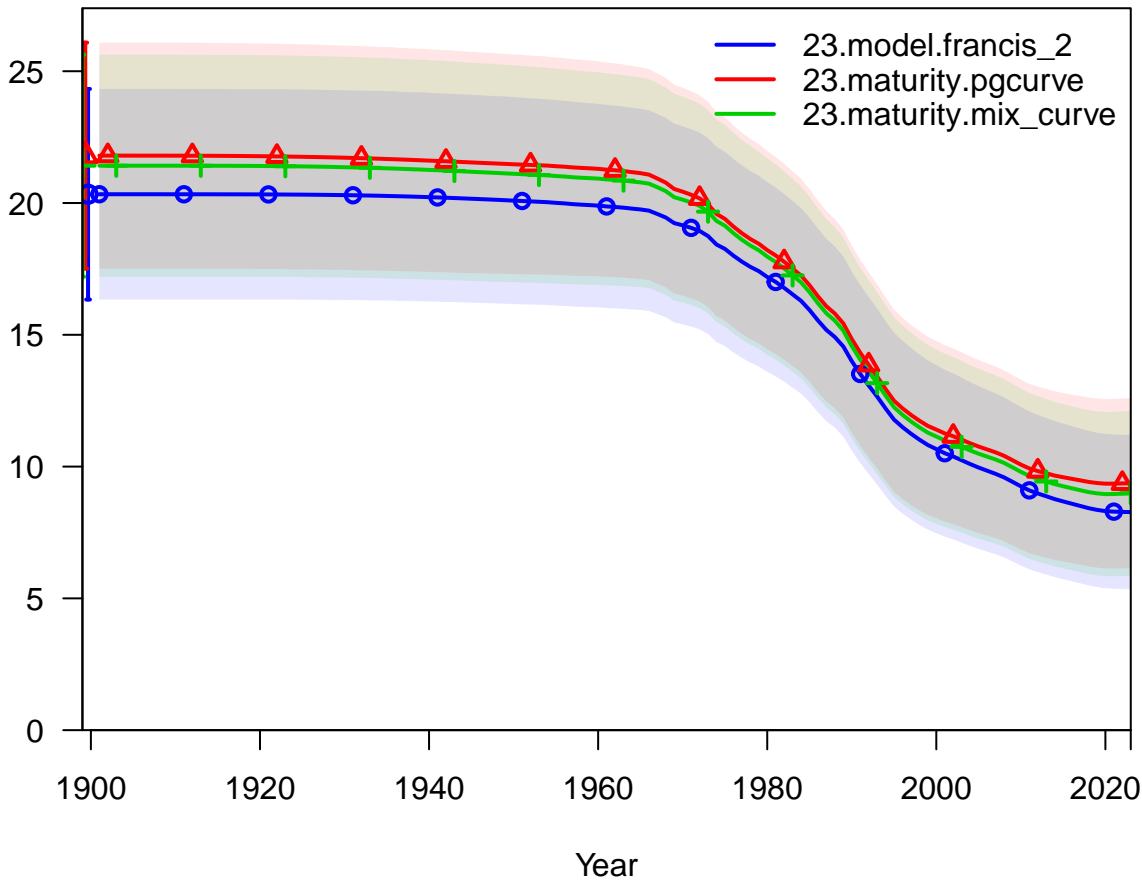
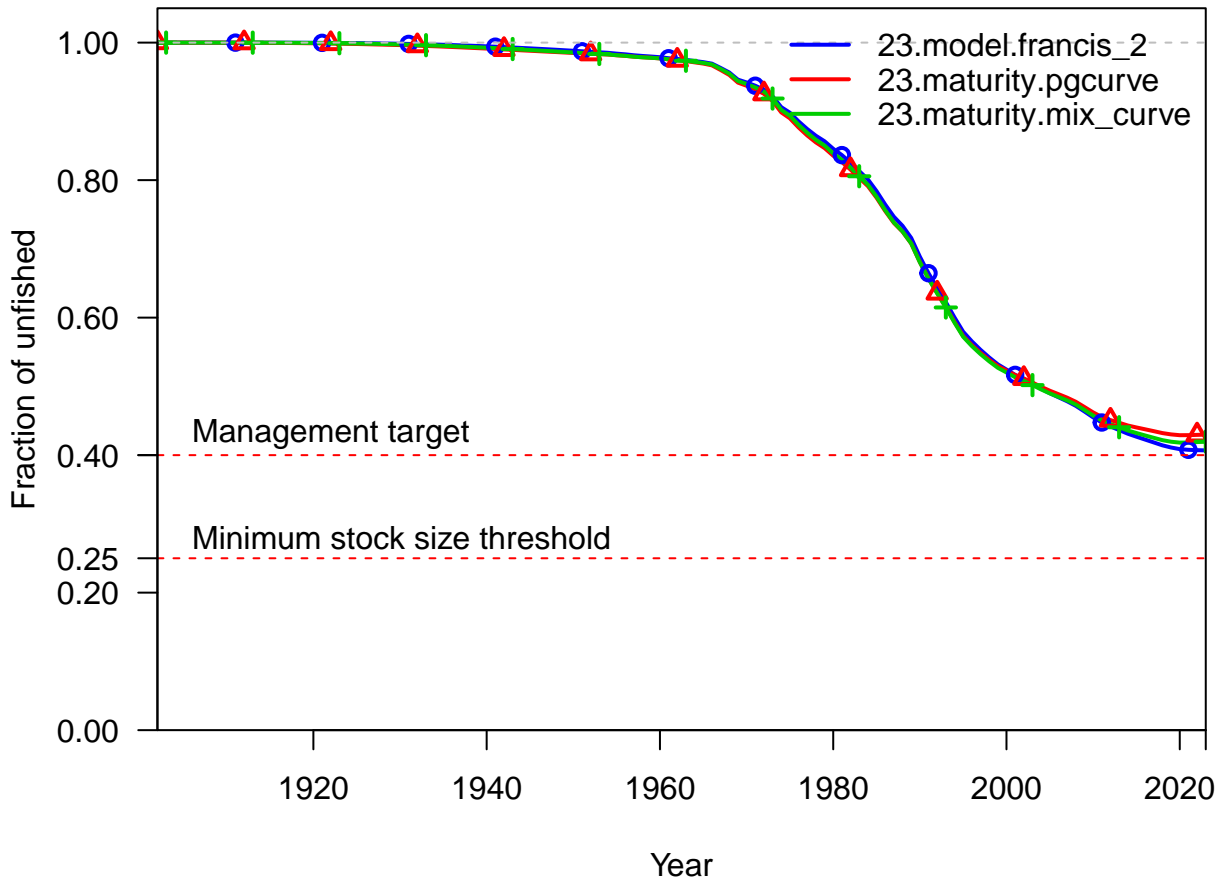


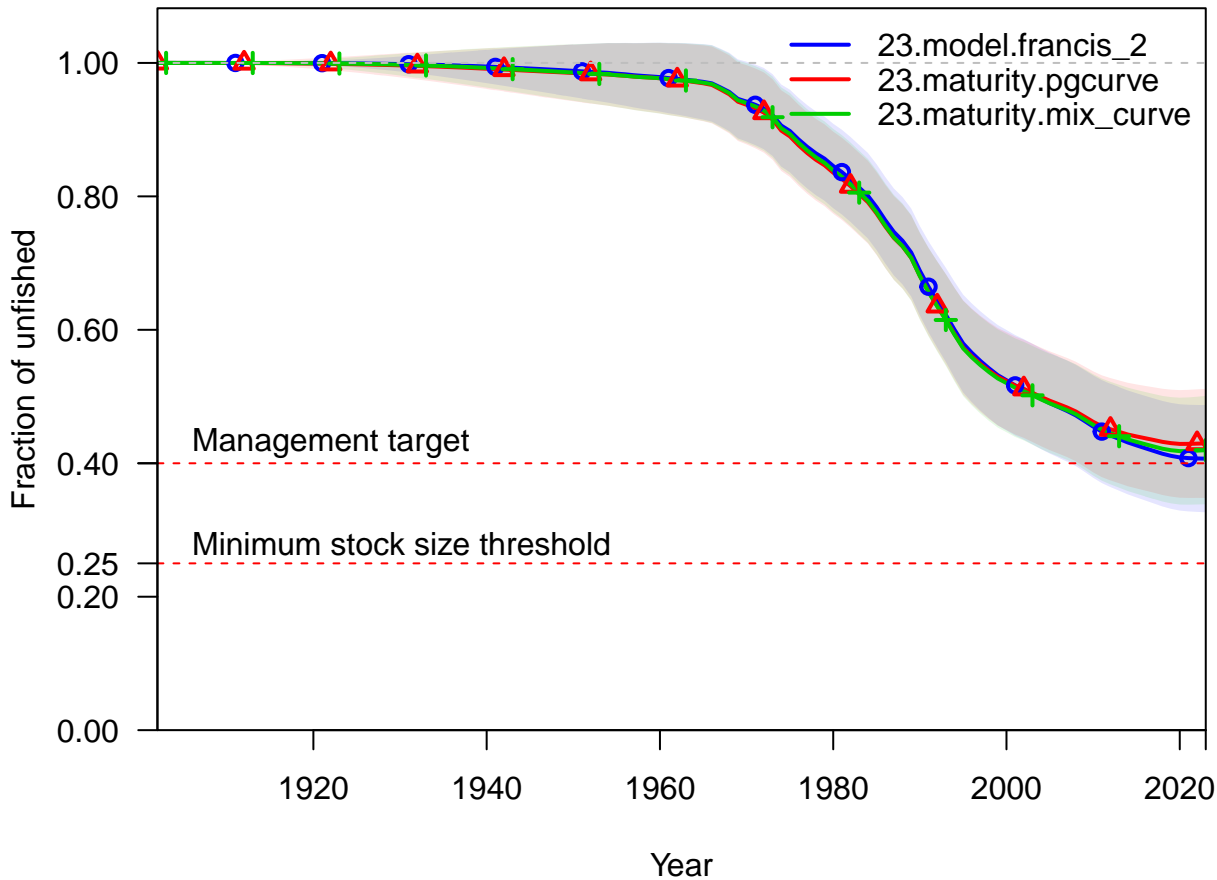
Spawning output

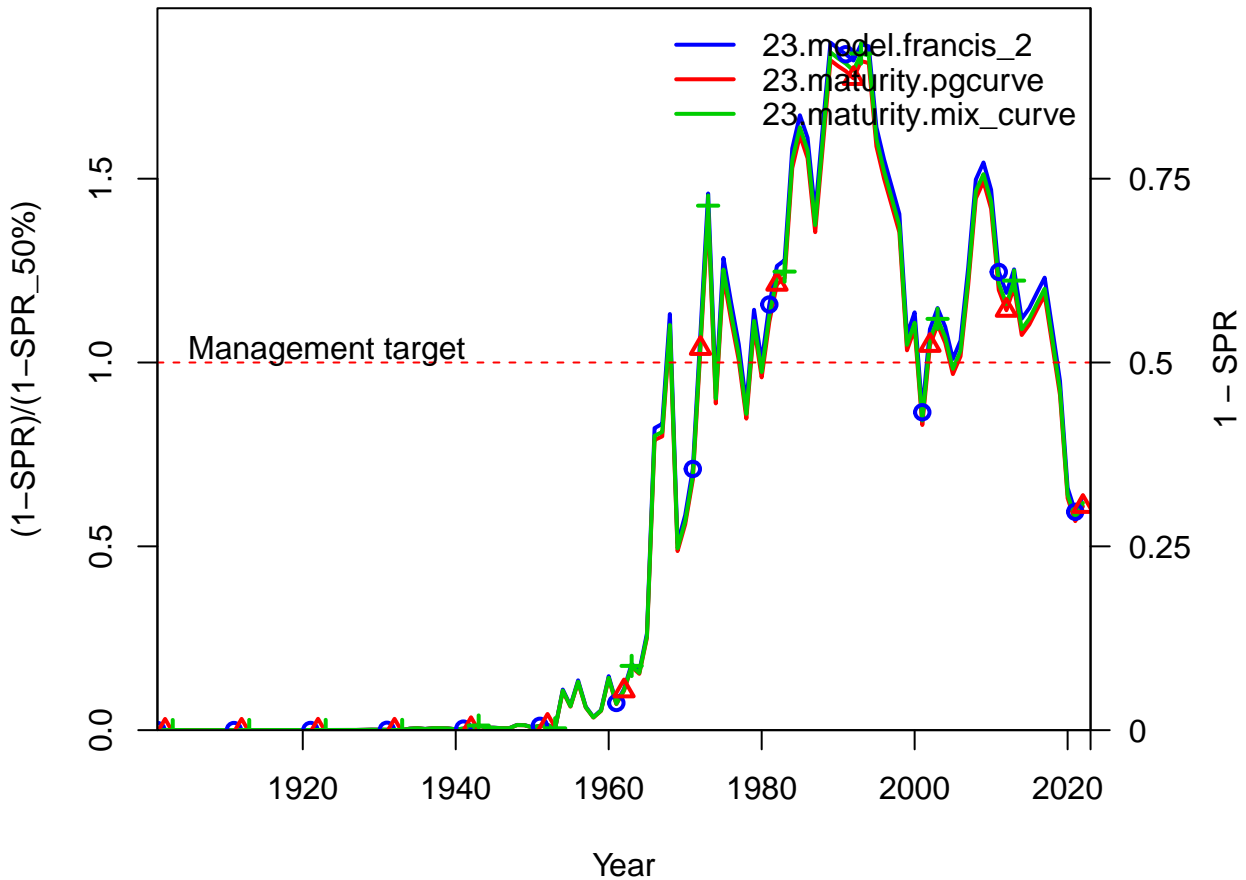


Spawning output

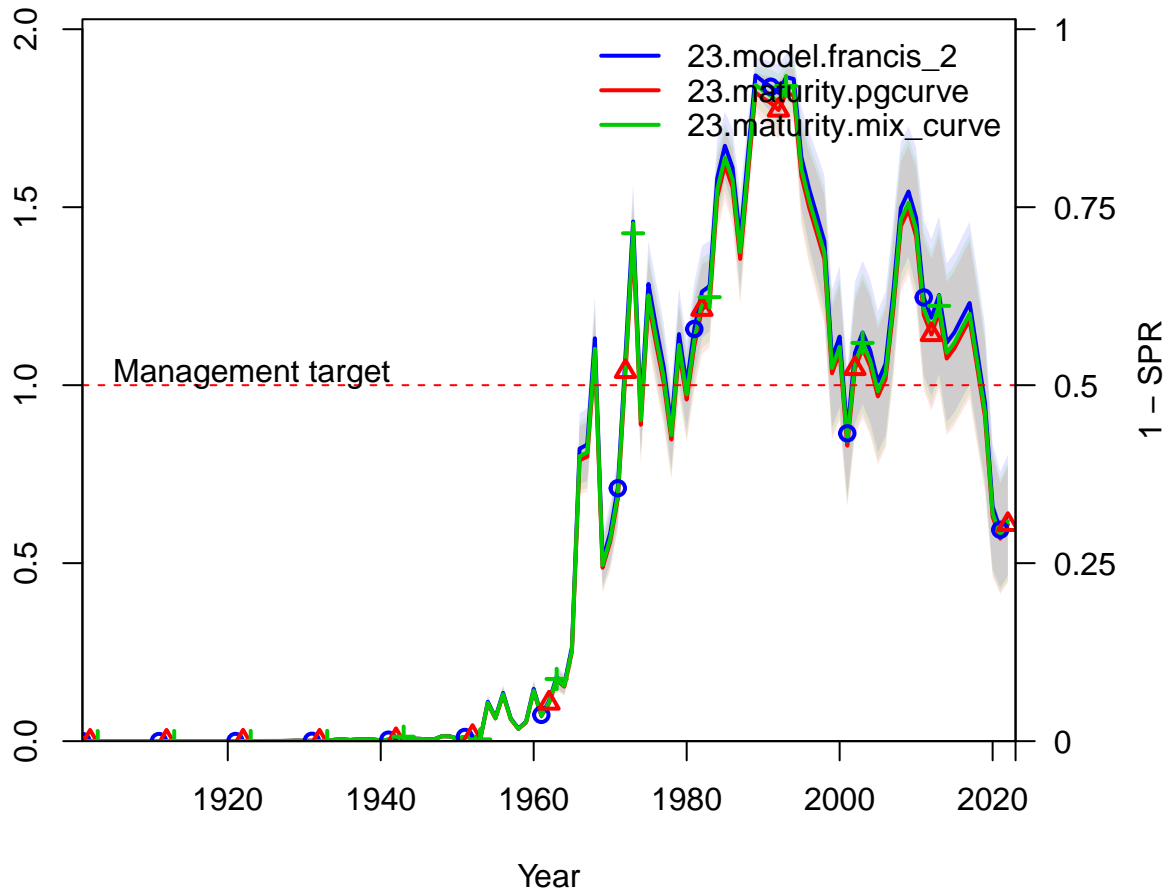




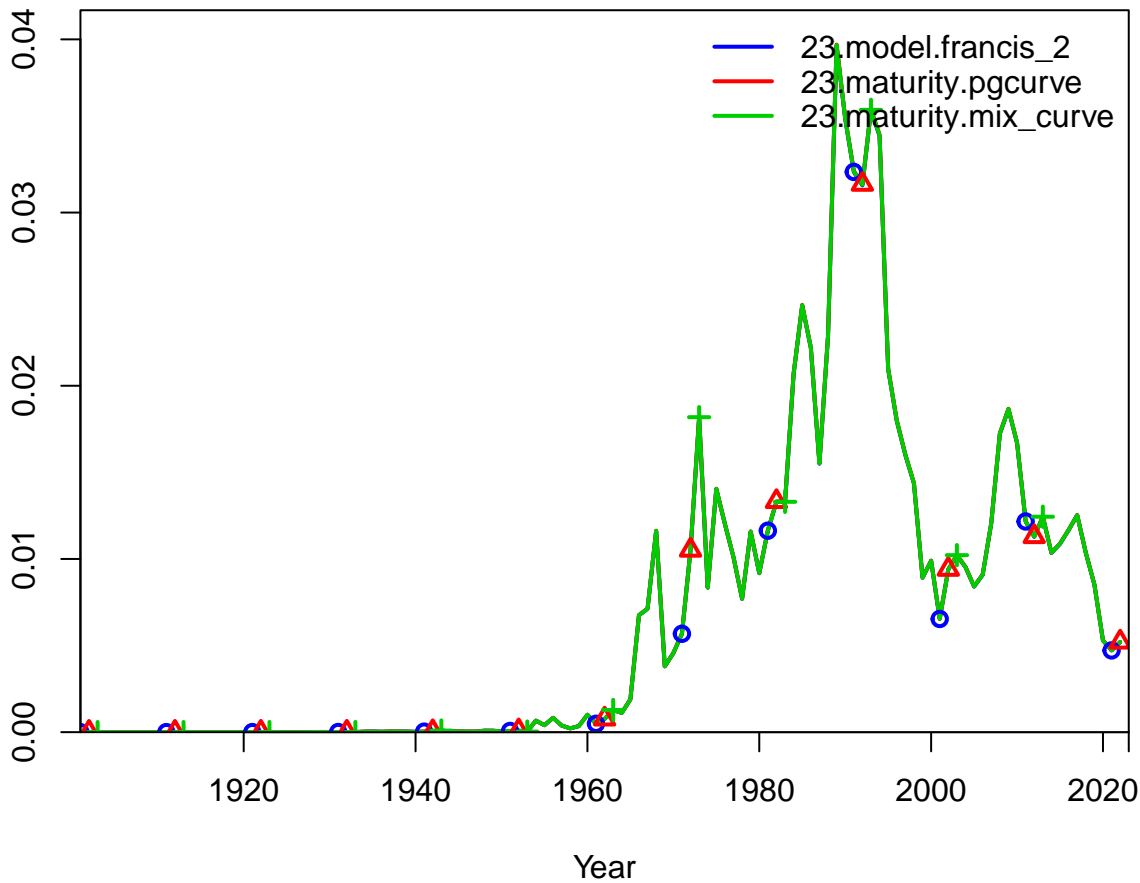




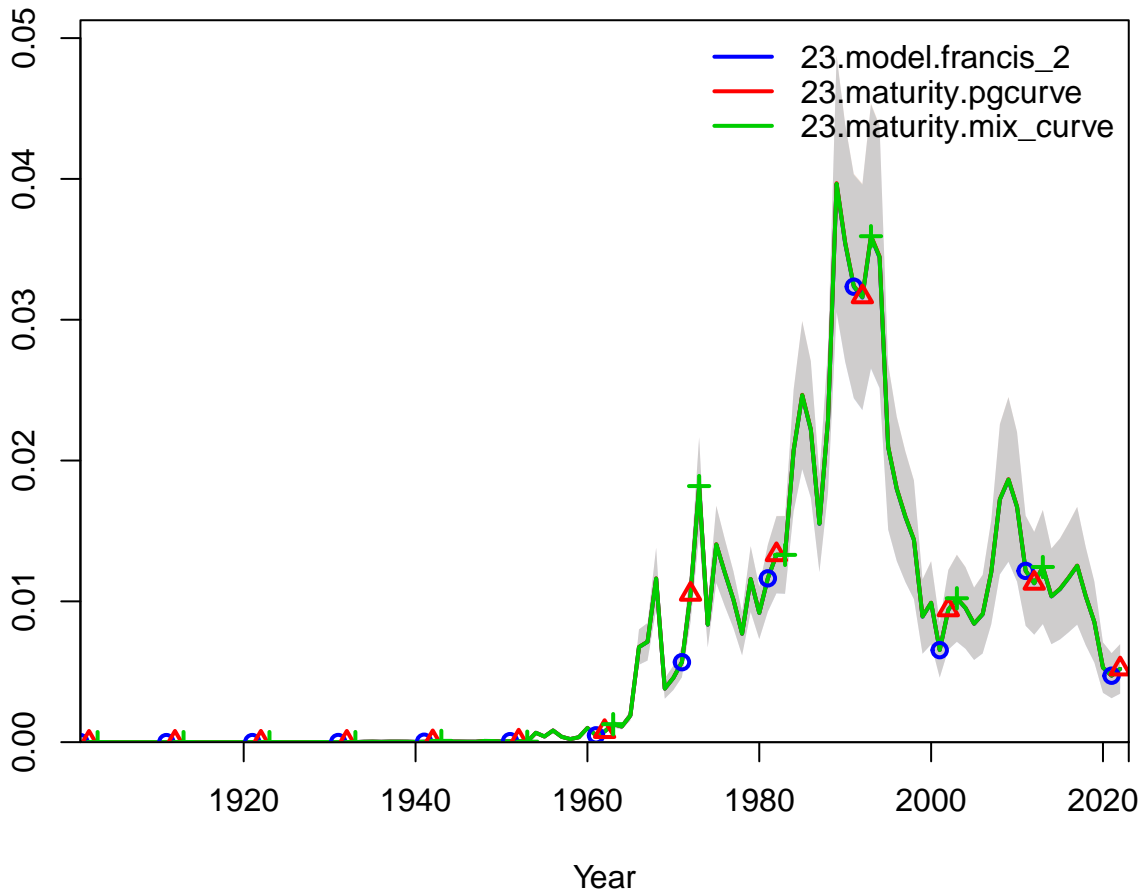
$(1-SPR)/(1-SPR_{50\%})$



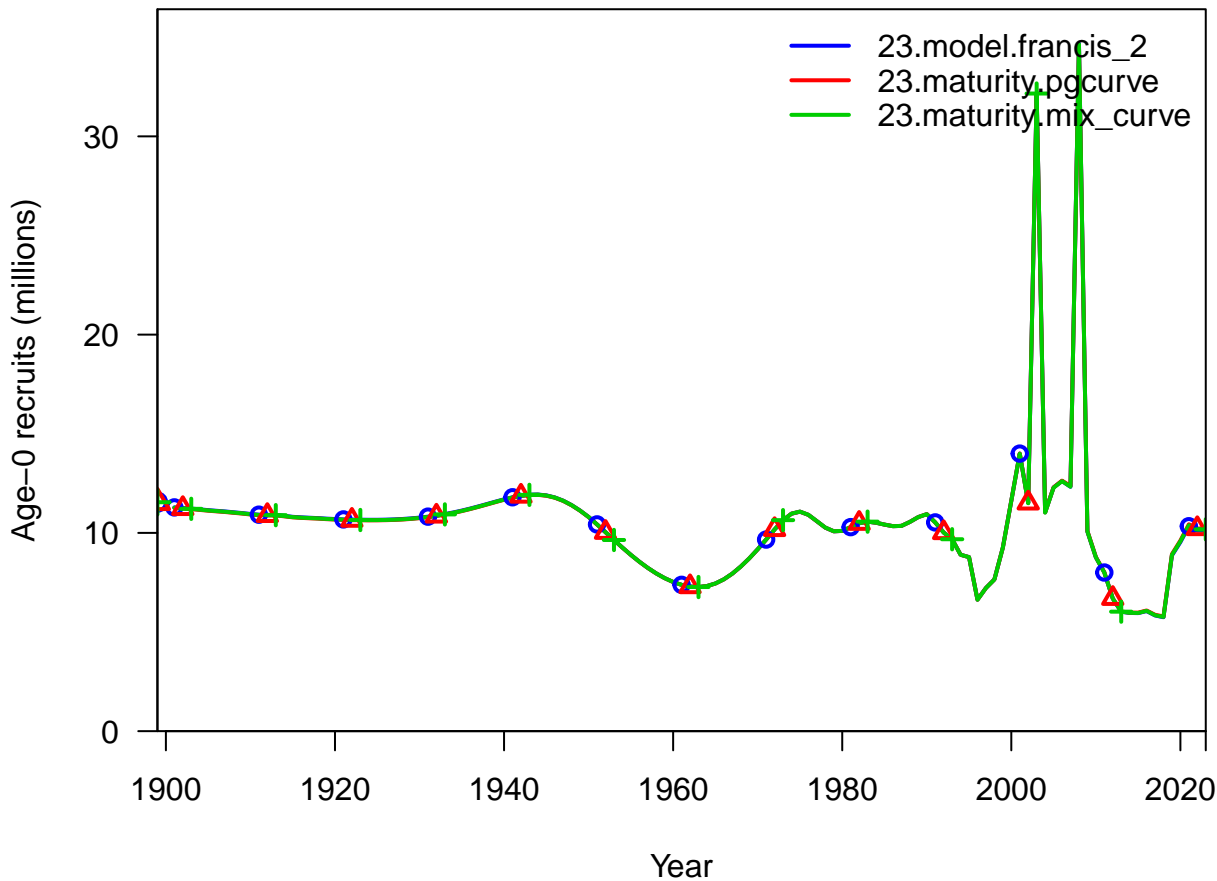
abs F; with F=Exploit(bio)

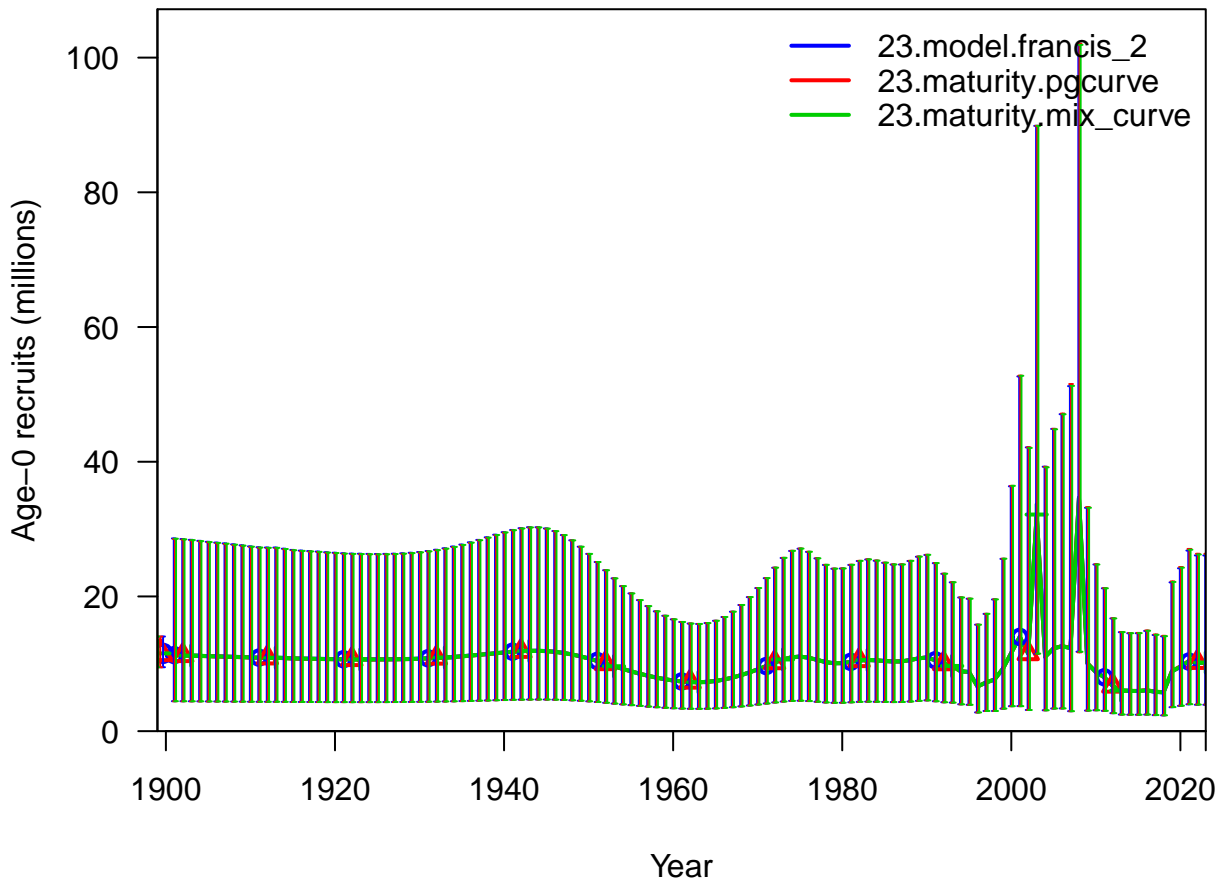


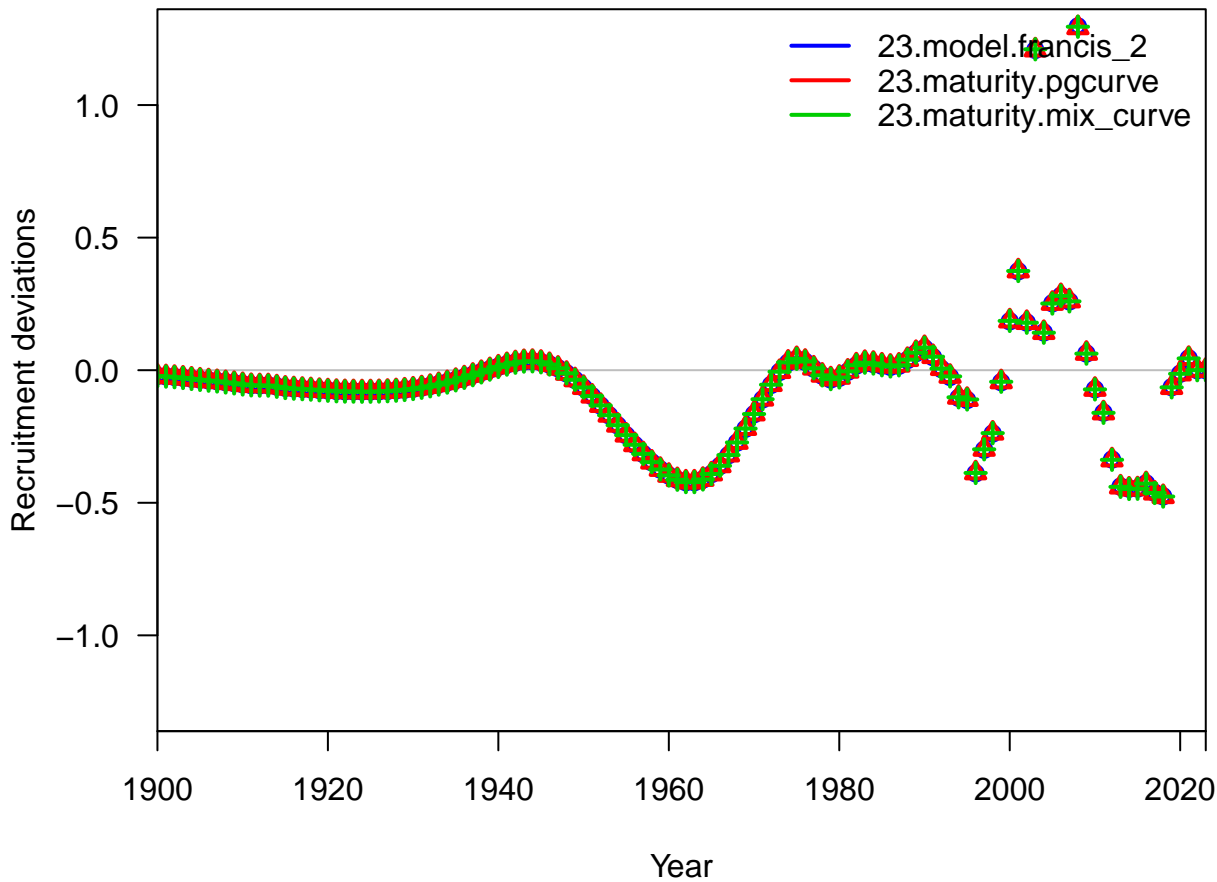
abs F; with F=Exploit(bio)











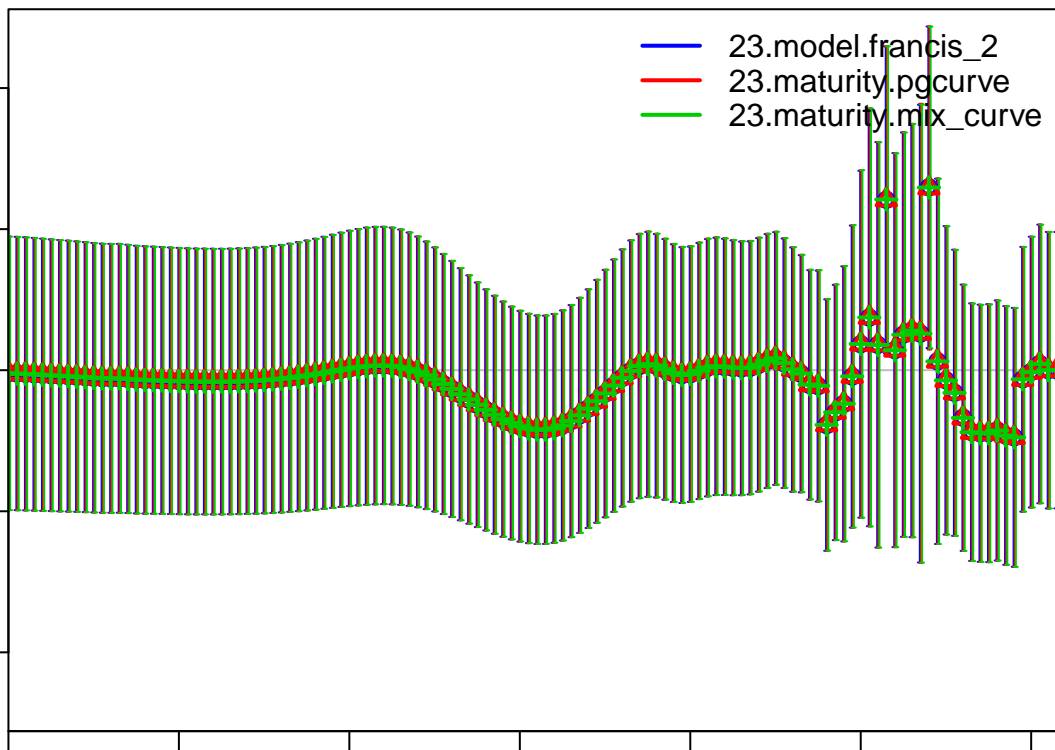
Recruitment deviations

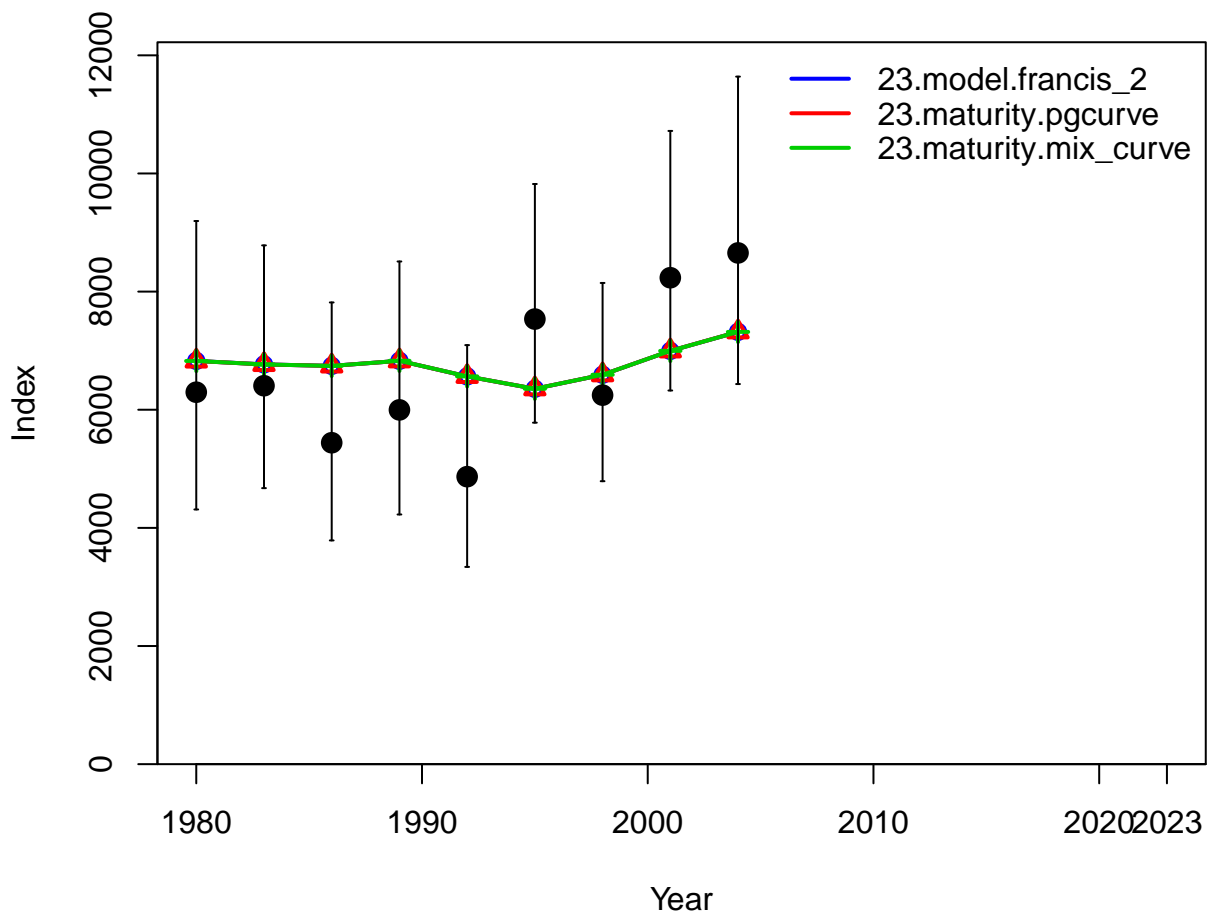
23.model.francis\_2  
23.maturity.pg\_curve  
23.maturity.mix\_curve

2  
1  
0  
-1  
-2

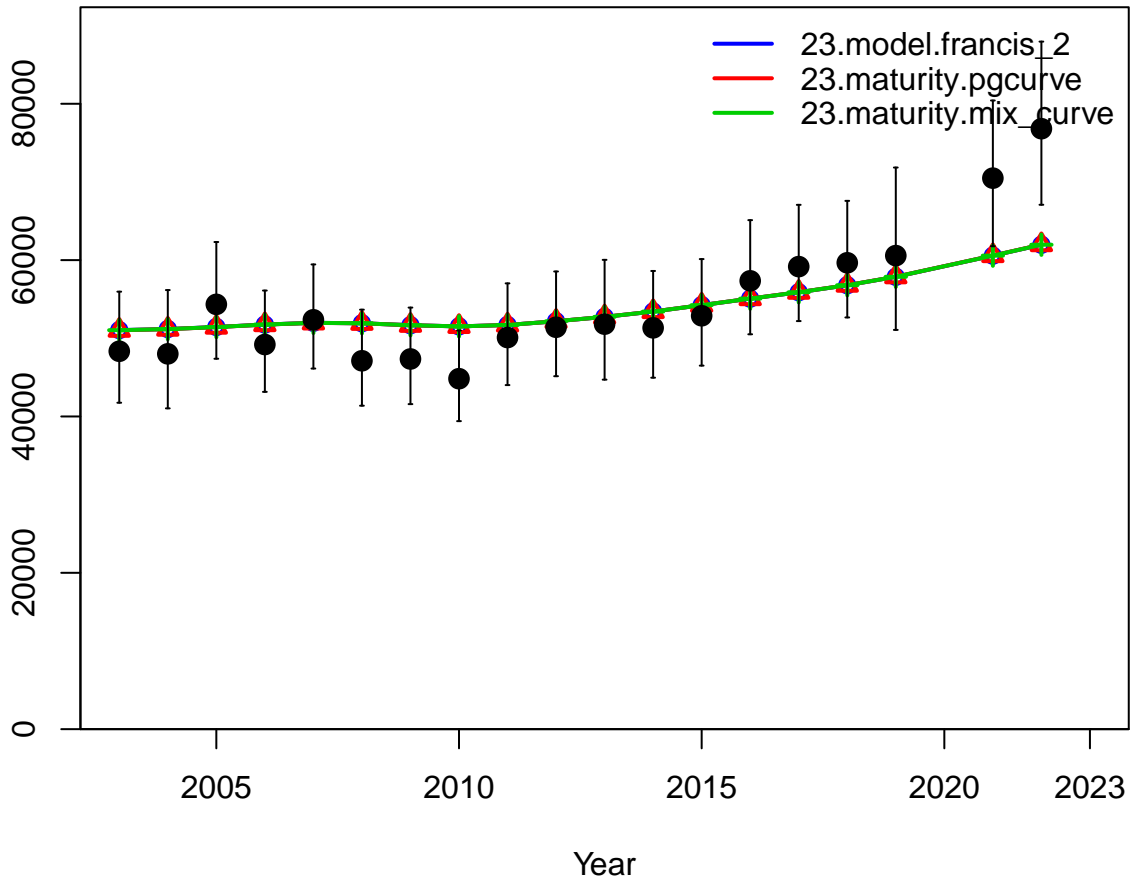
1900 1920 1940 1960 1980 2000 2020

Year





Index



Log index

23.model.francis\_2  
23.maturity.pgcurve  
23.maturity.mix\_curve

1980

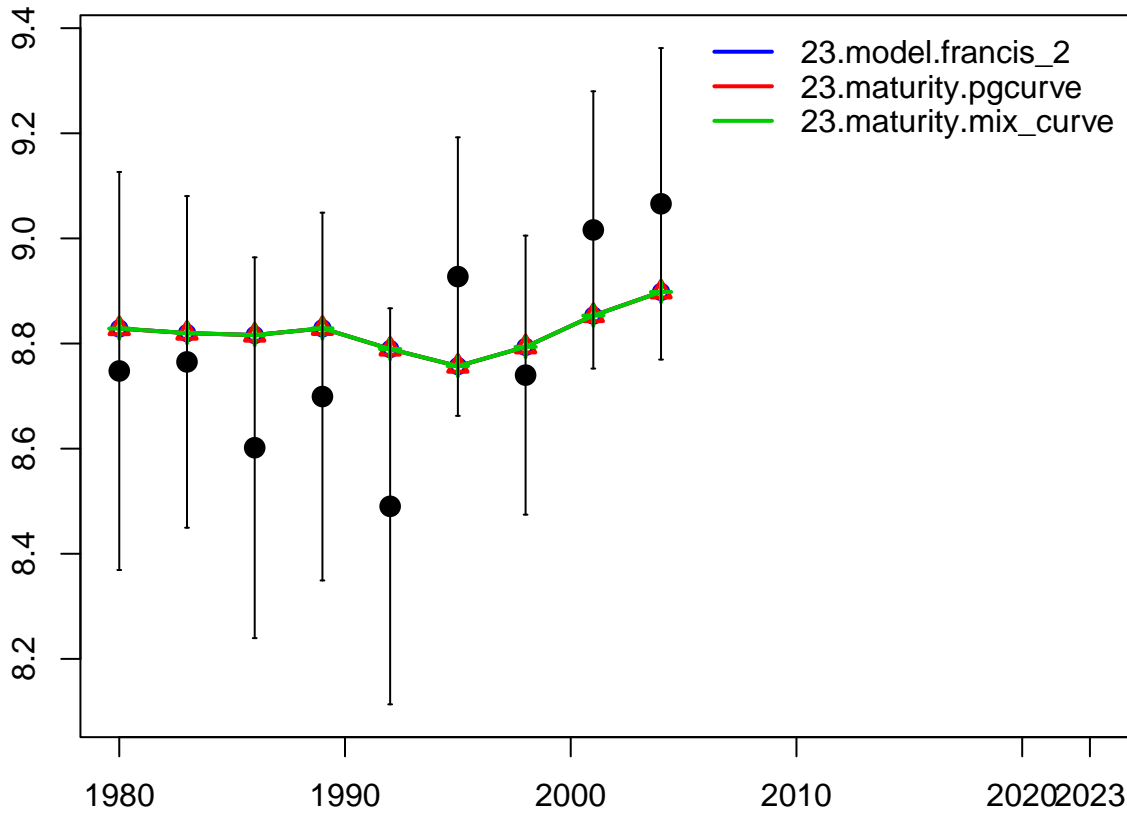
1990

2000

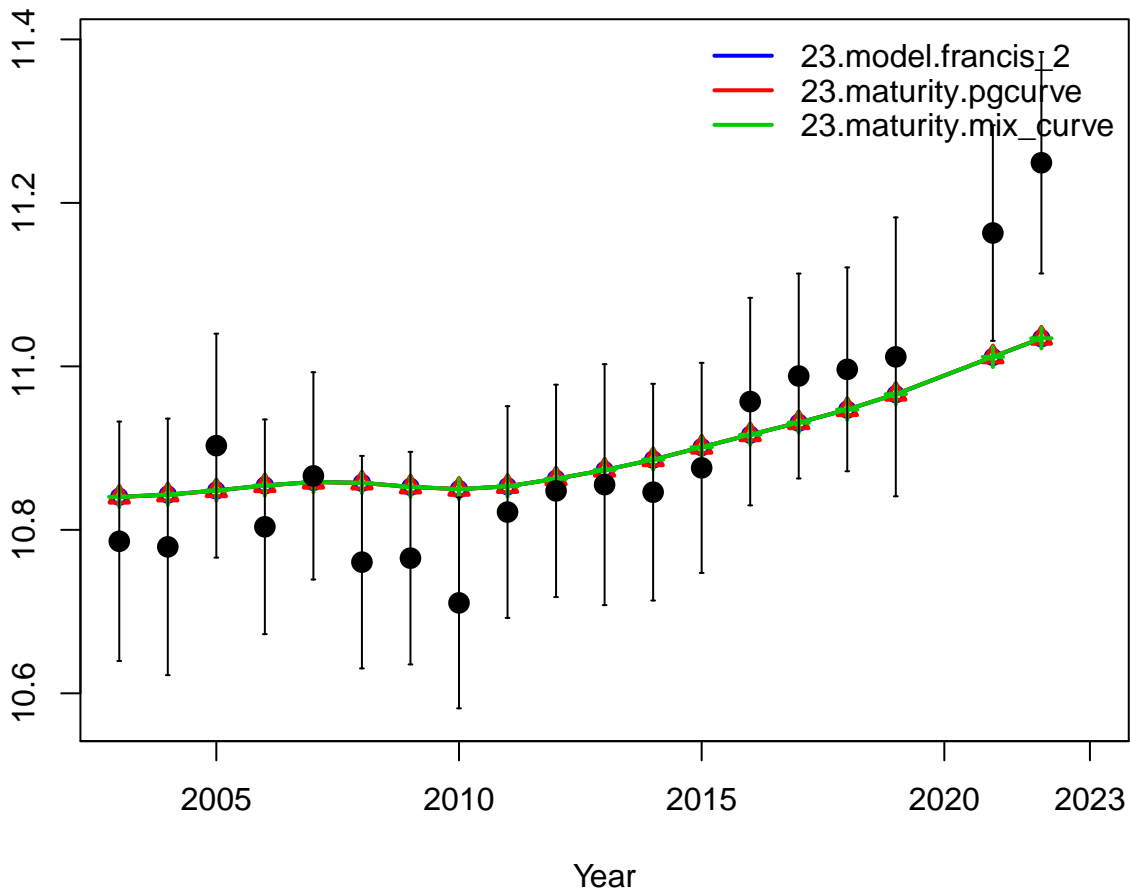
2010

2020 2023

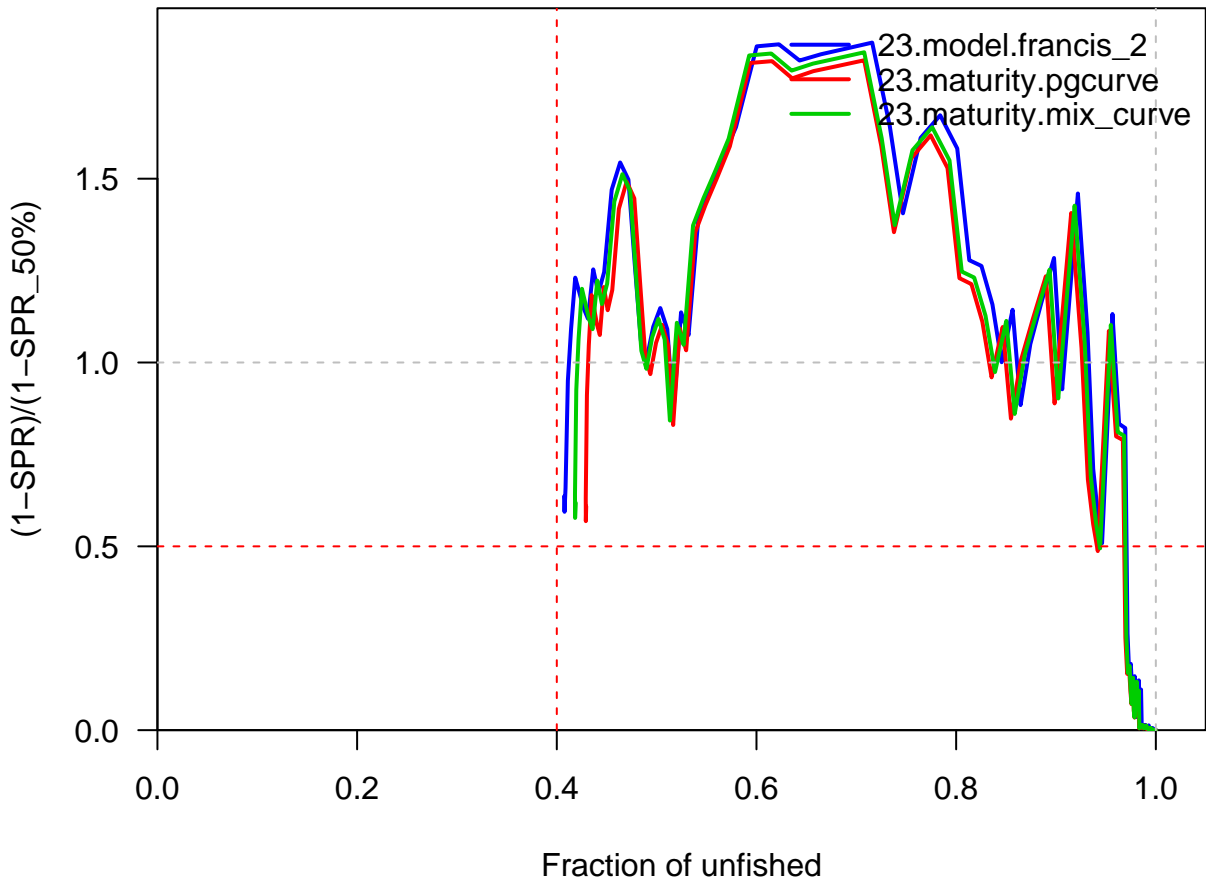
Year



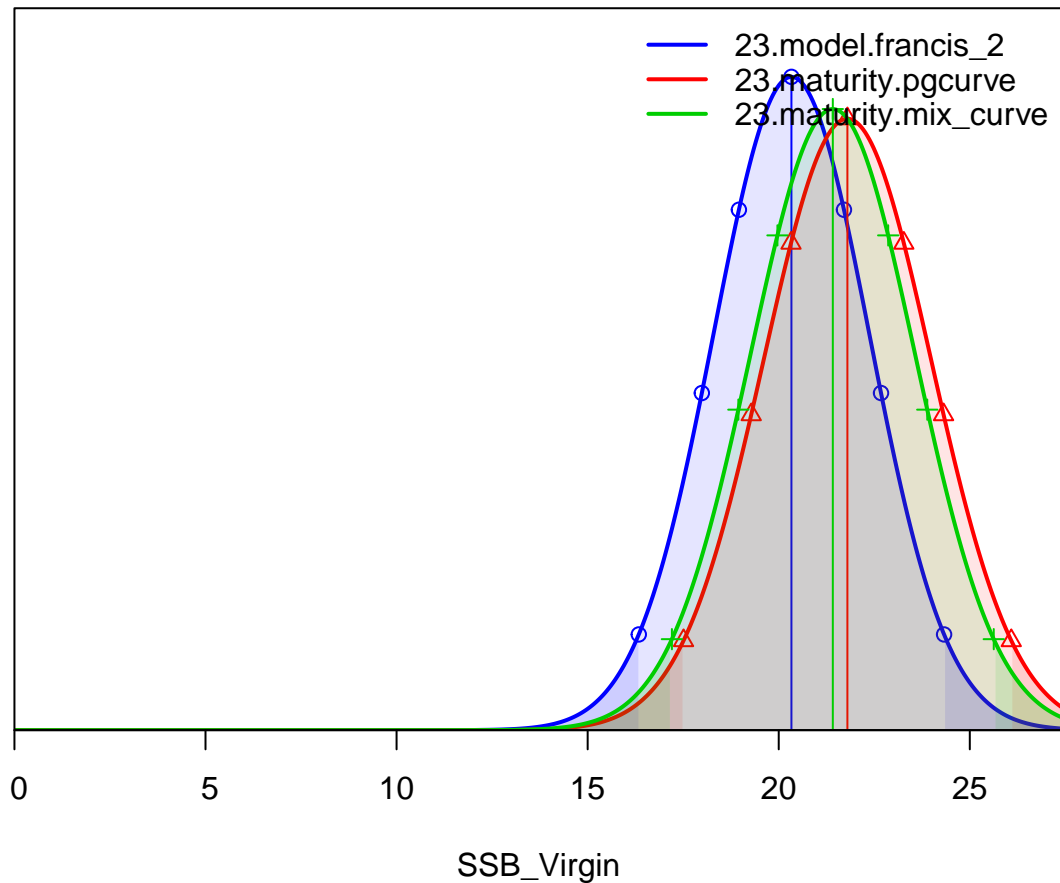
Log index



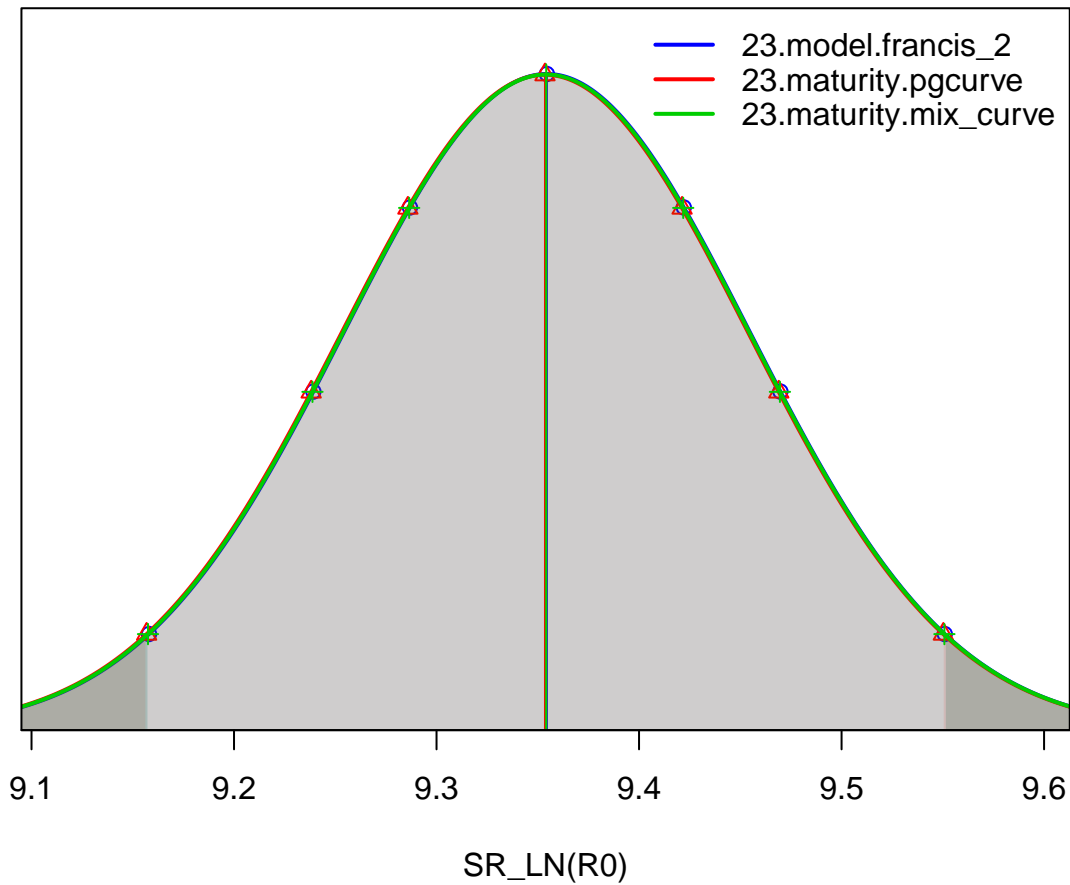




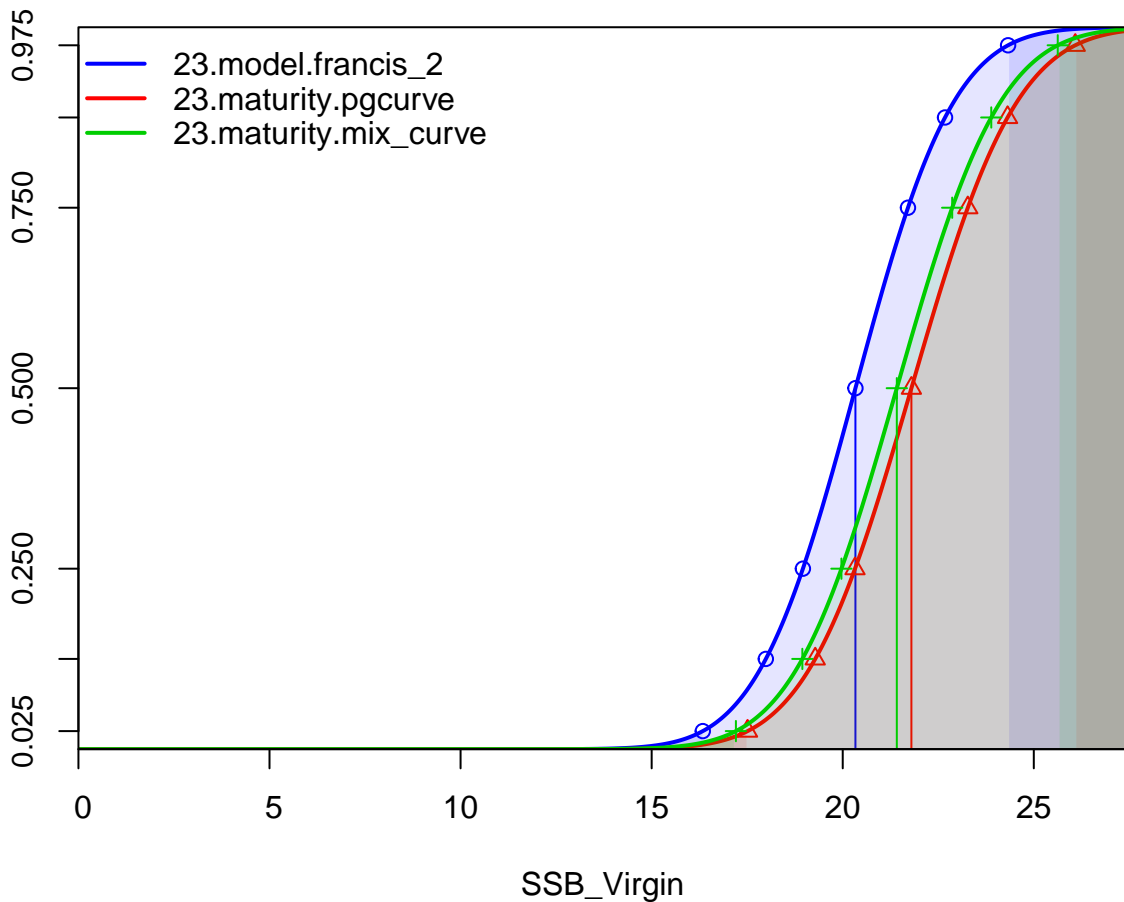
Density



Density



Cumulative Probability



Cumulative Probability

