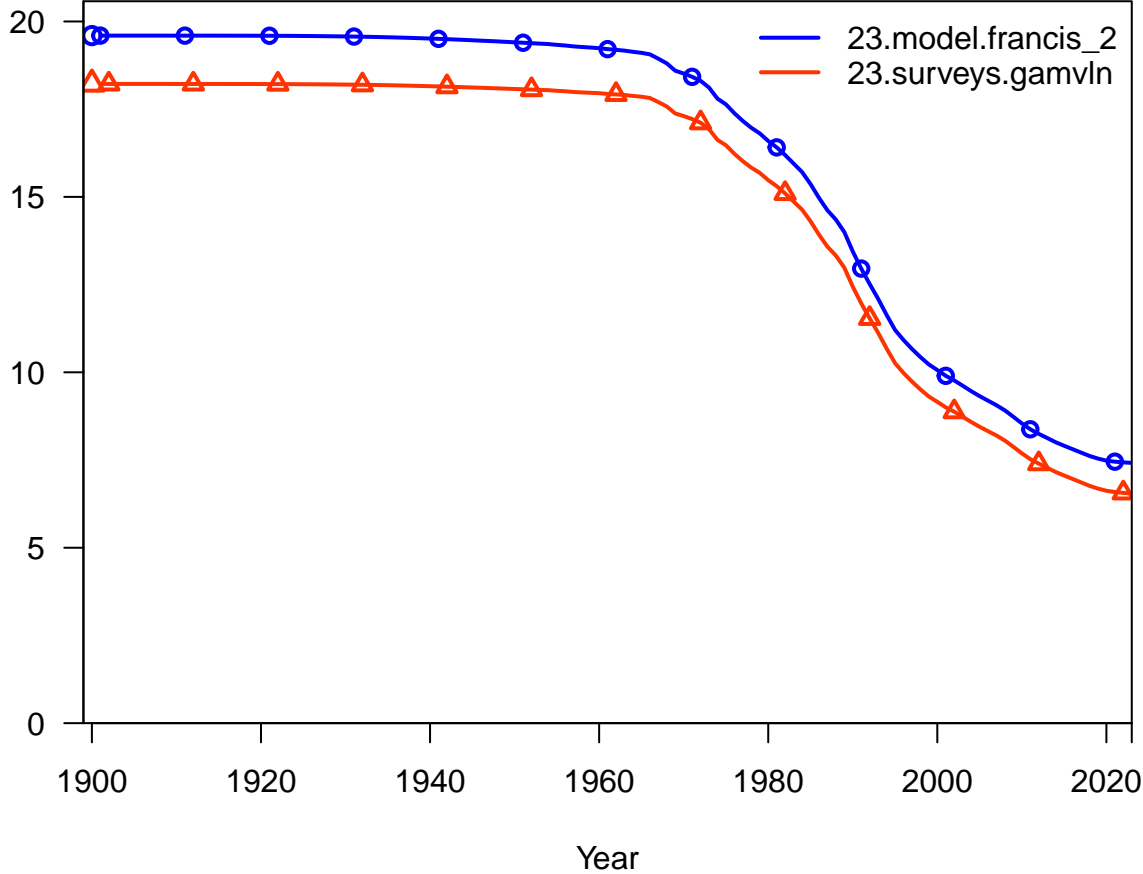
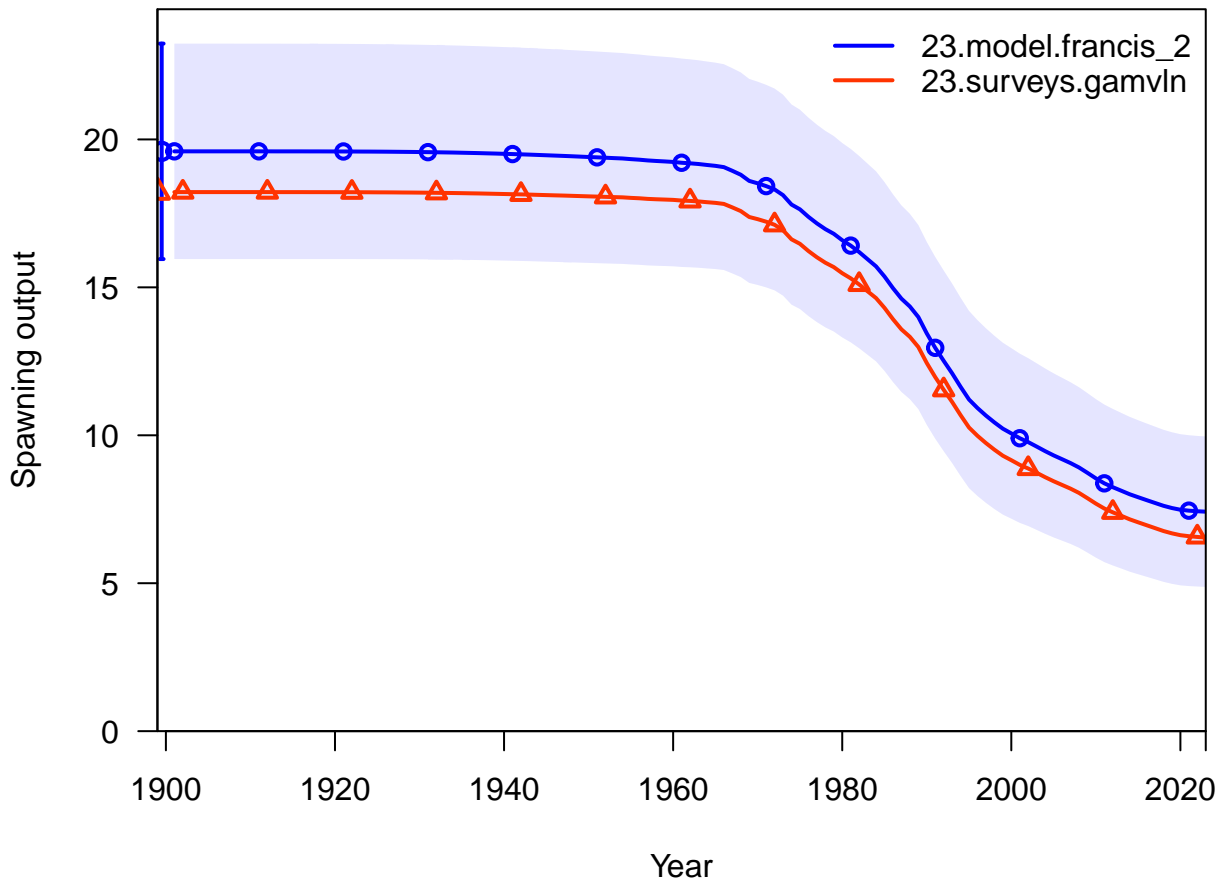
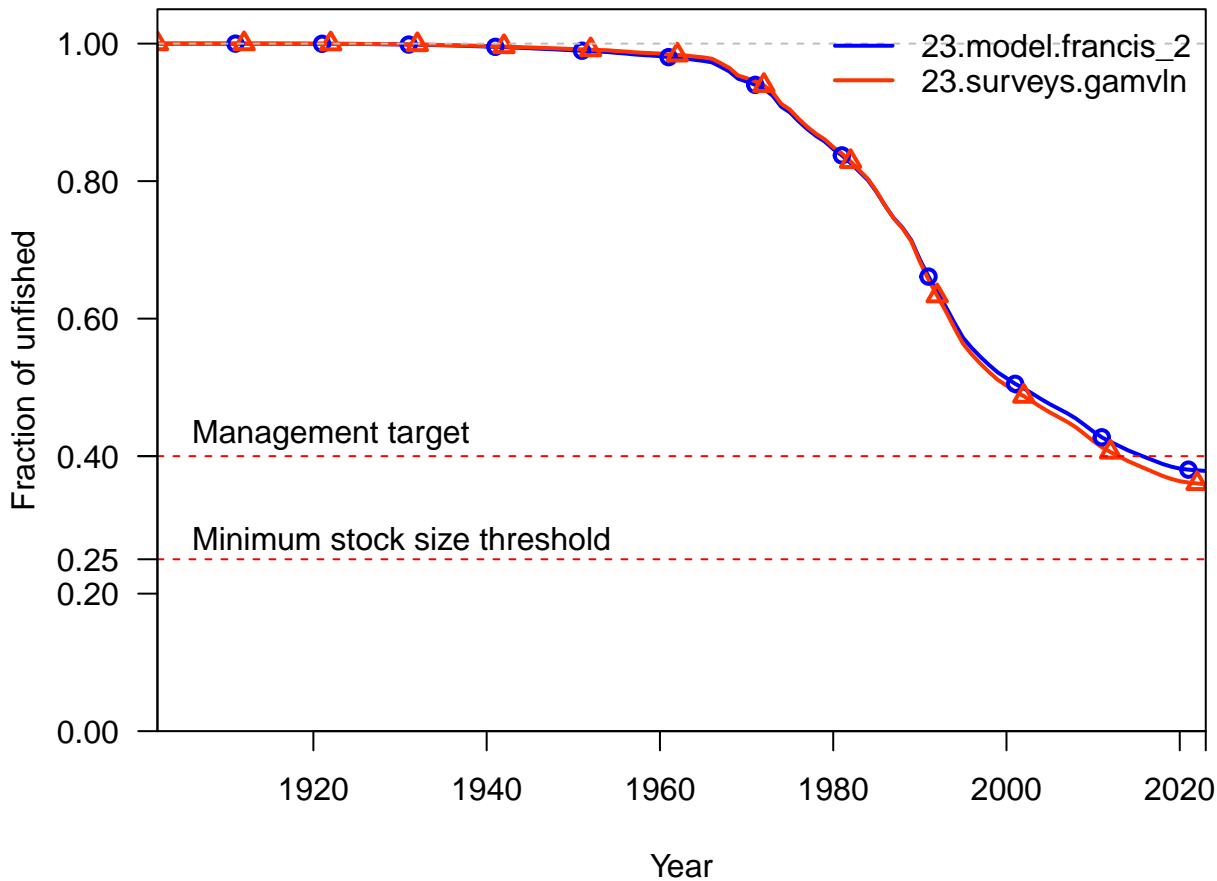
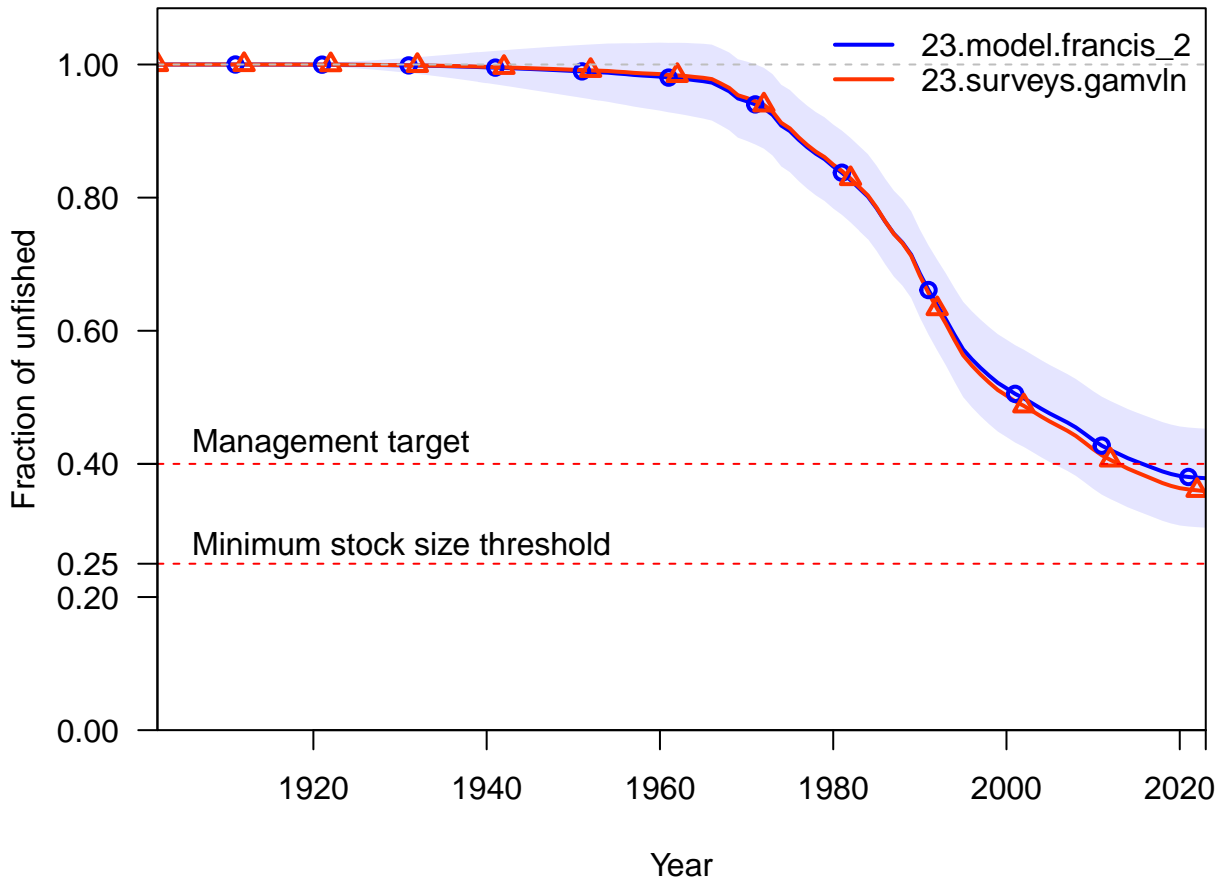


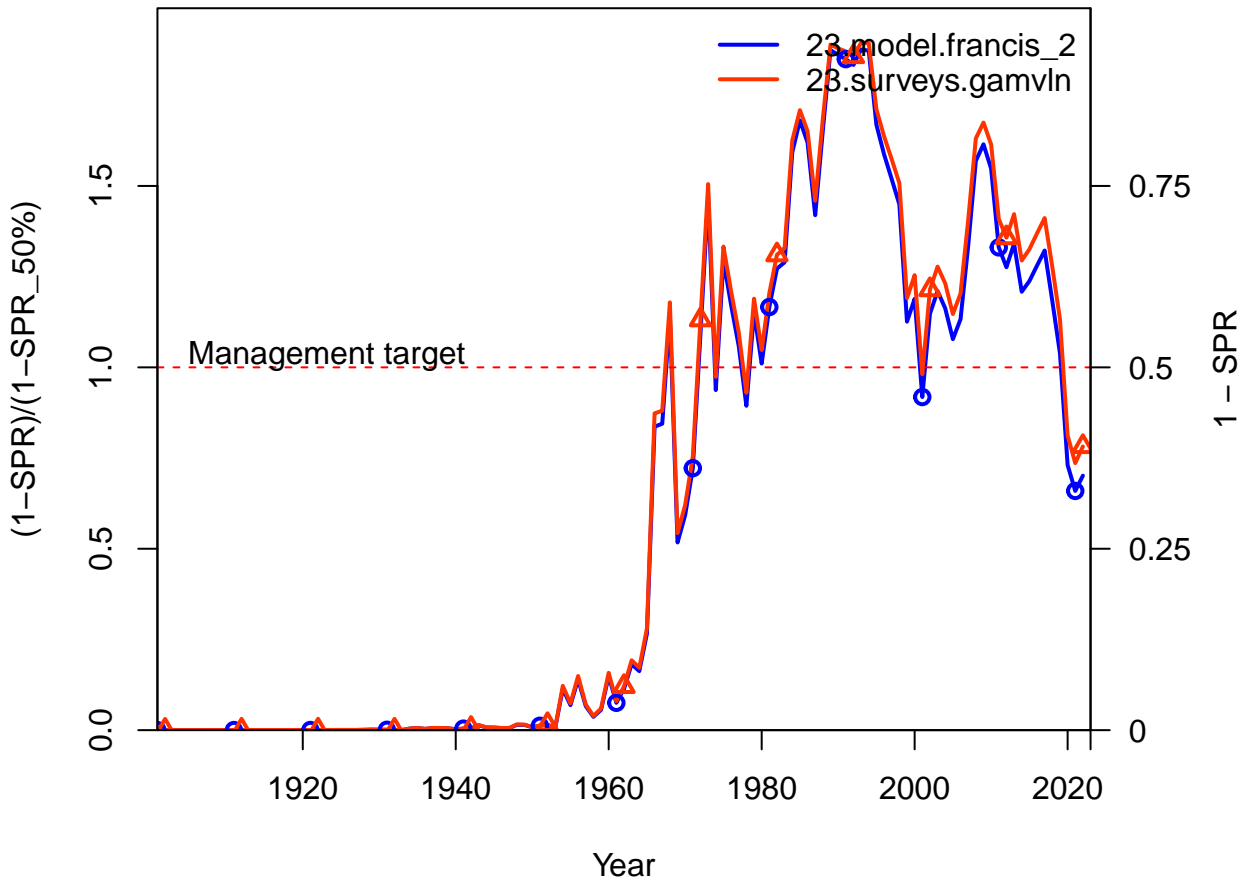
Spawning output



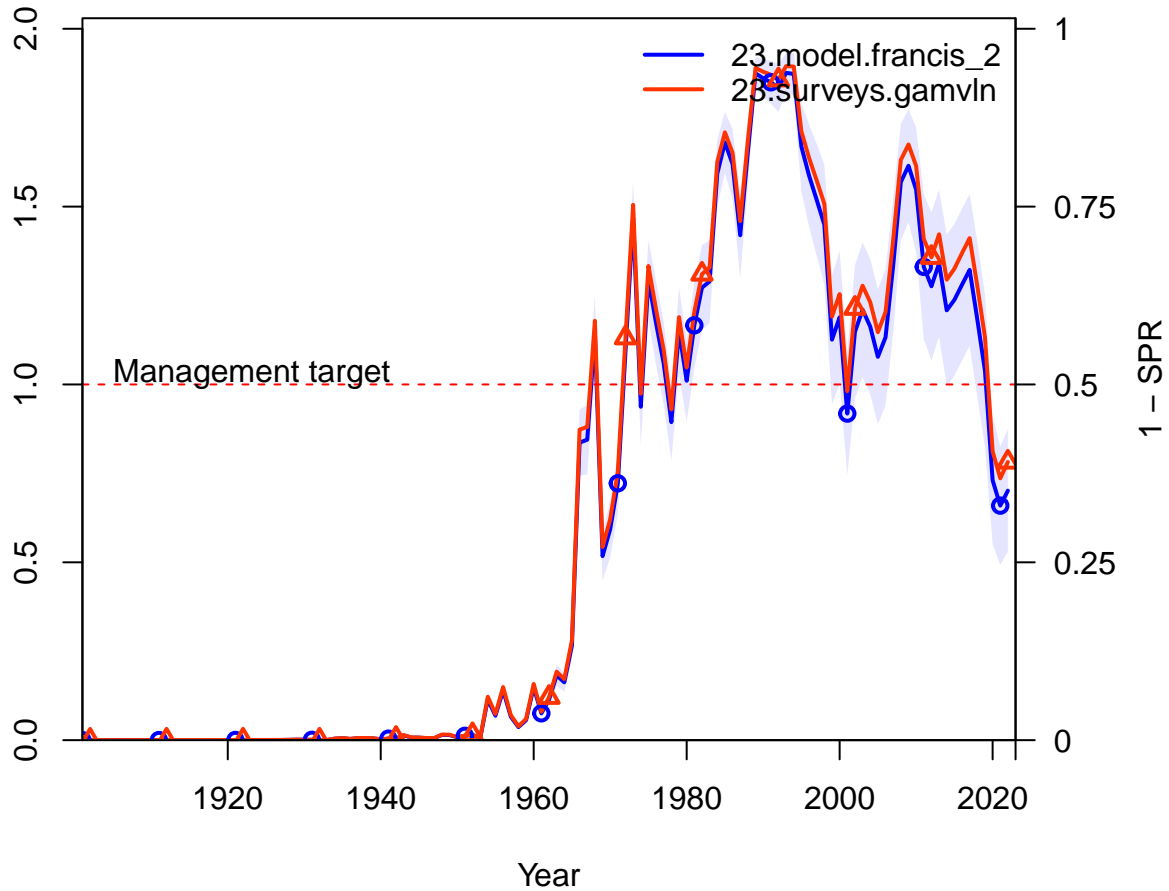




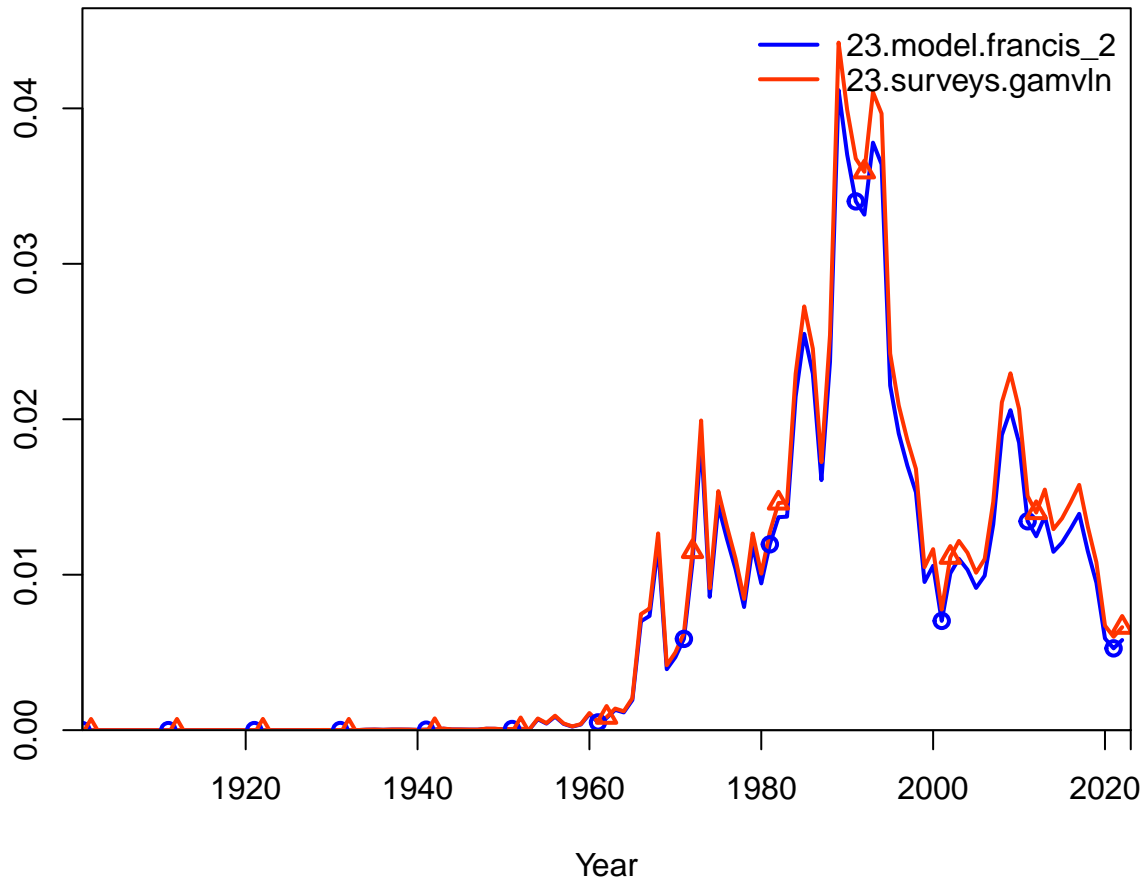


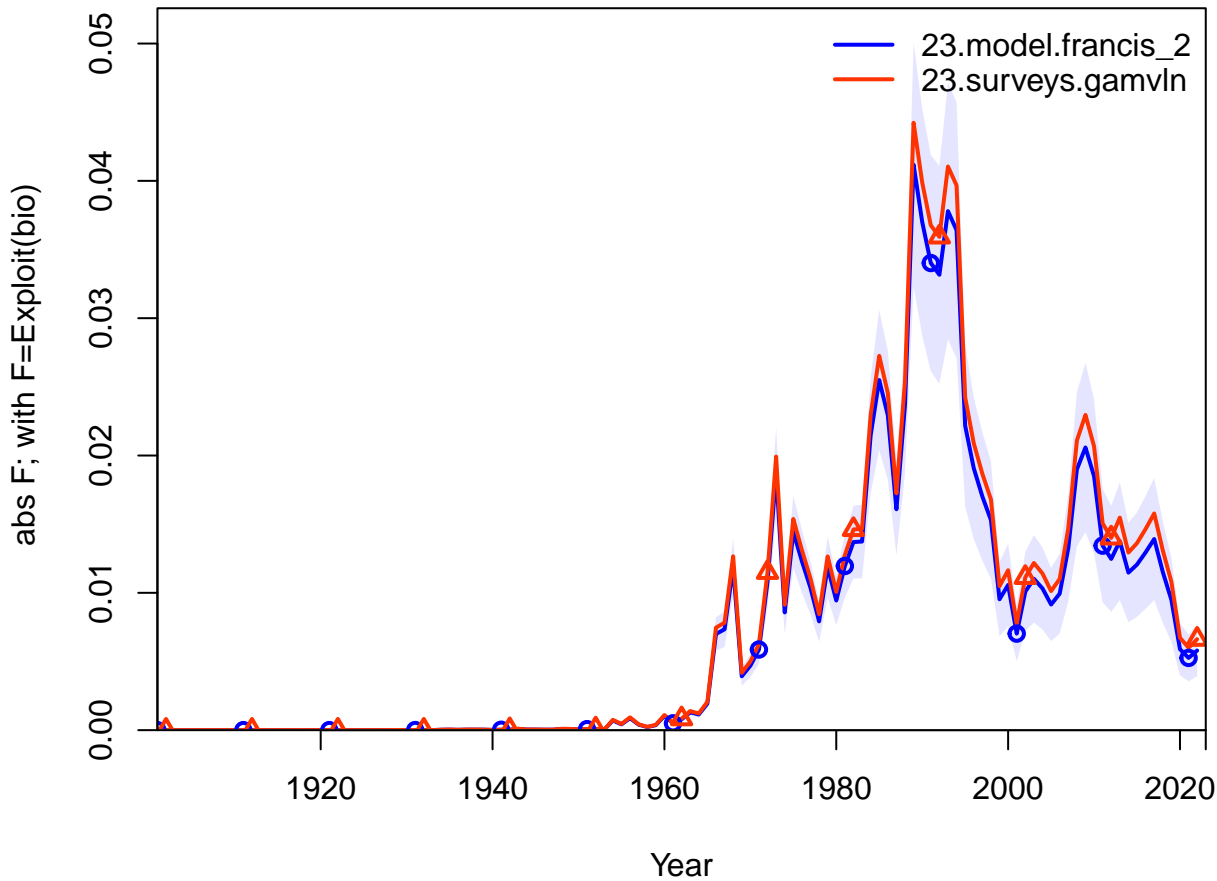


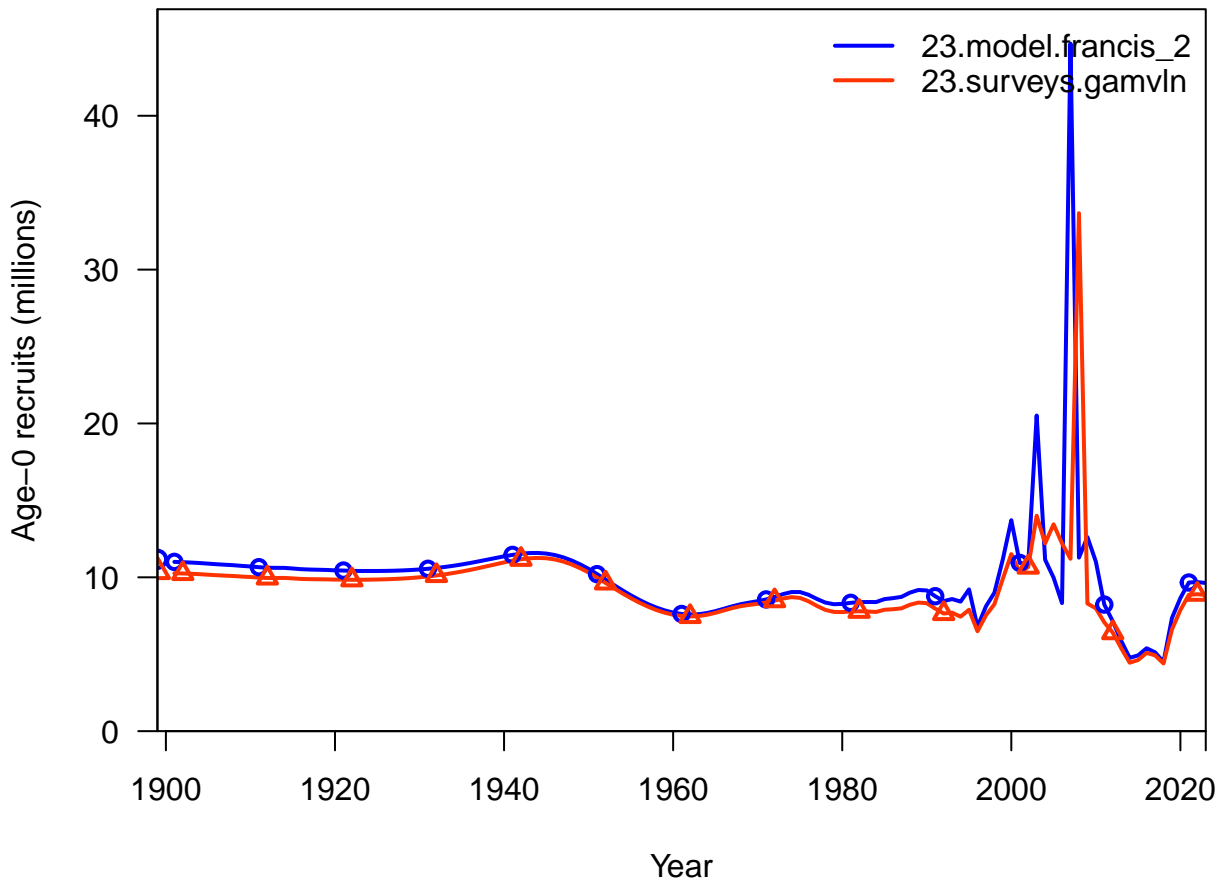
$(1-SPR)/(1-SPR_{50\%})$

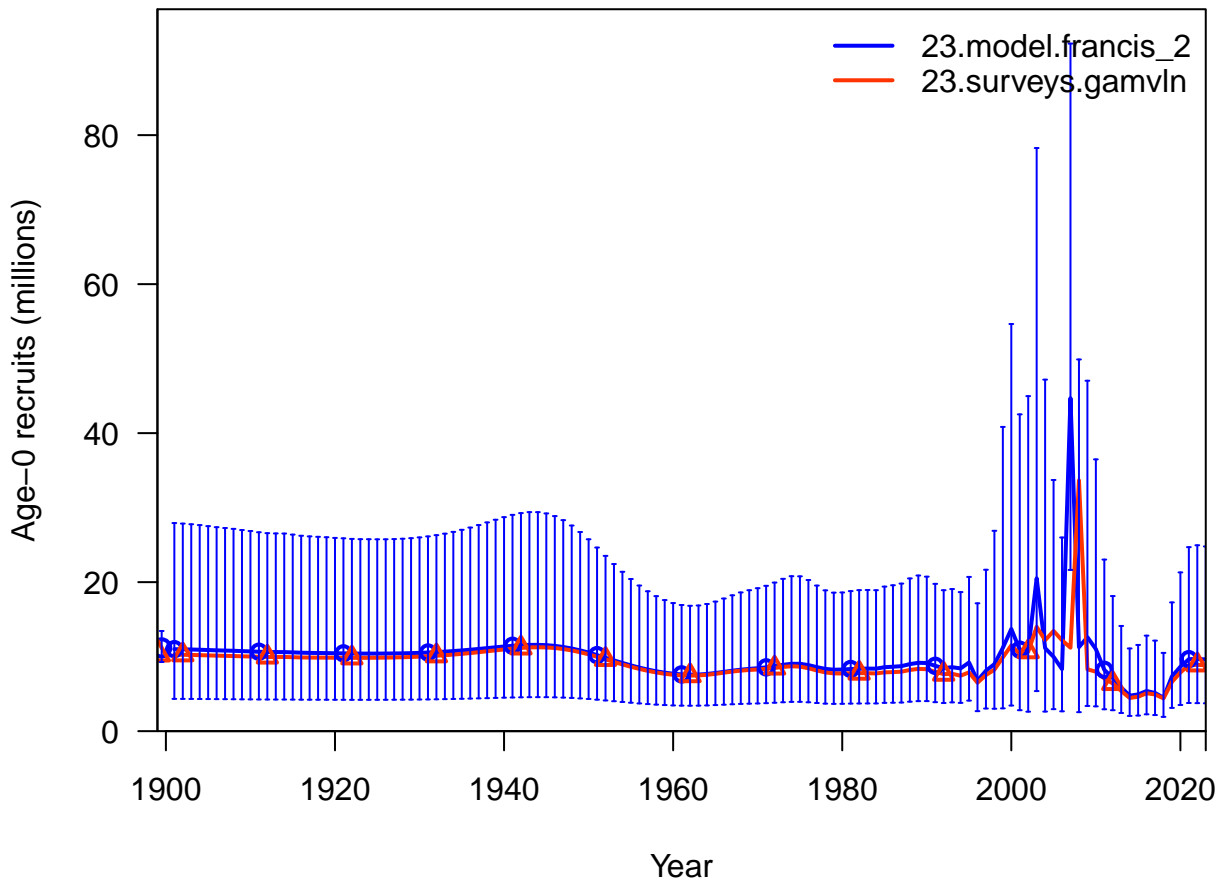


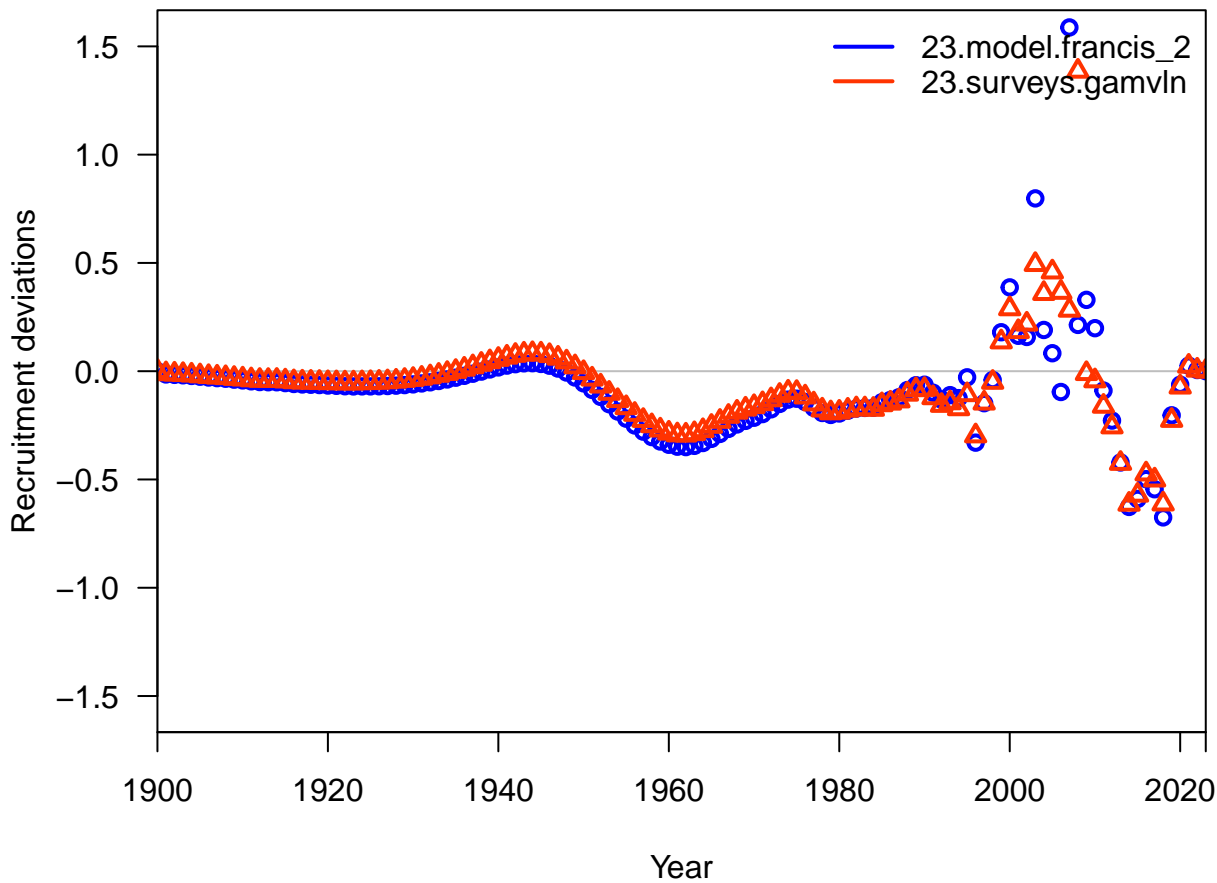
abs F; with F=Exploit(bio)



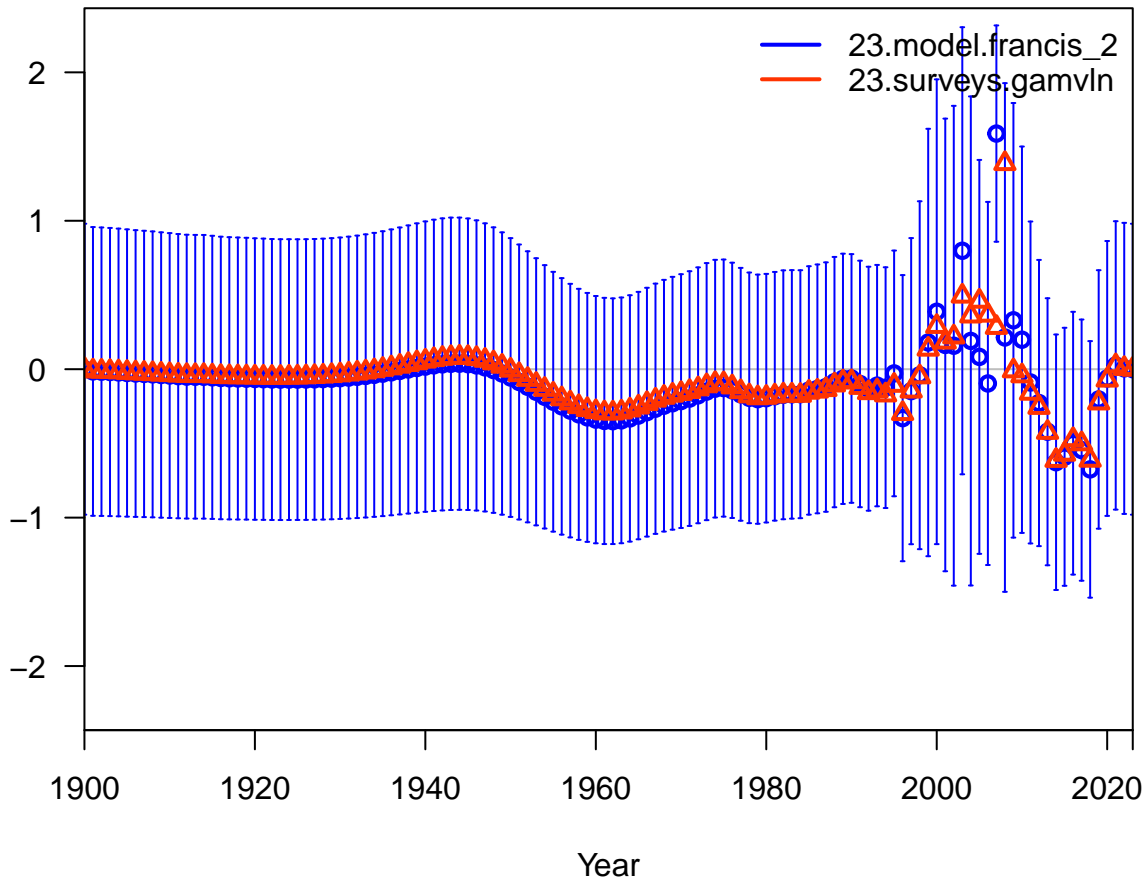








Recruitment deviations



Index

23.model.francis_2
23.surveys.gamvln

15000
10000
5000
0

1980

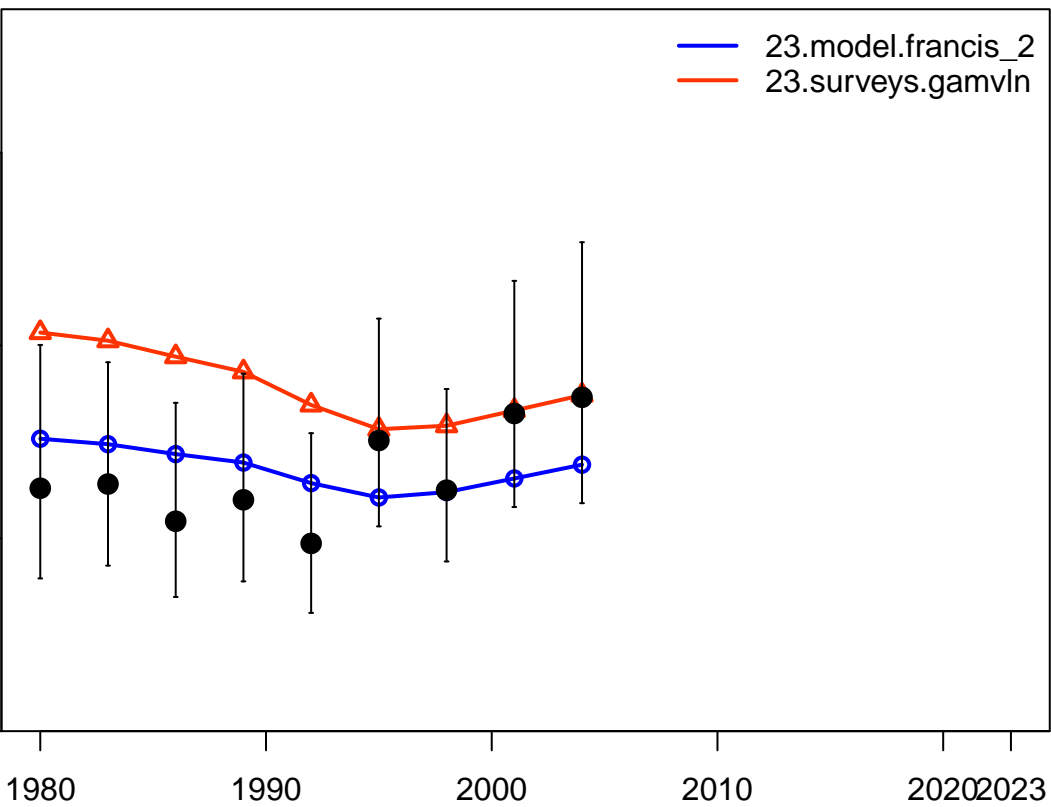
1990

2000

2010

2020 2023

Year



Index

23.model.francis_2
23.surveys.gamvln

0e+00
2e+04
4e+04
6e+04
8e+04
1e+05

2005

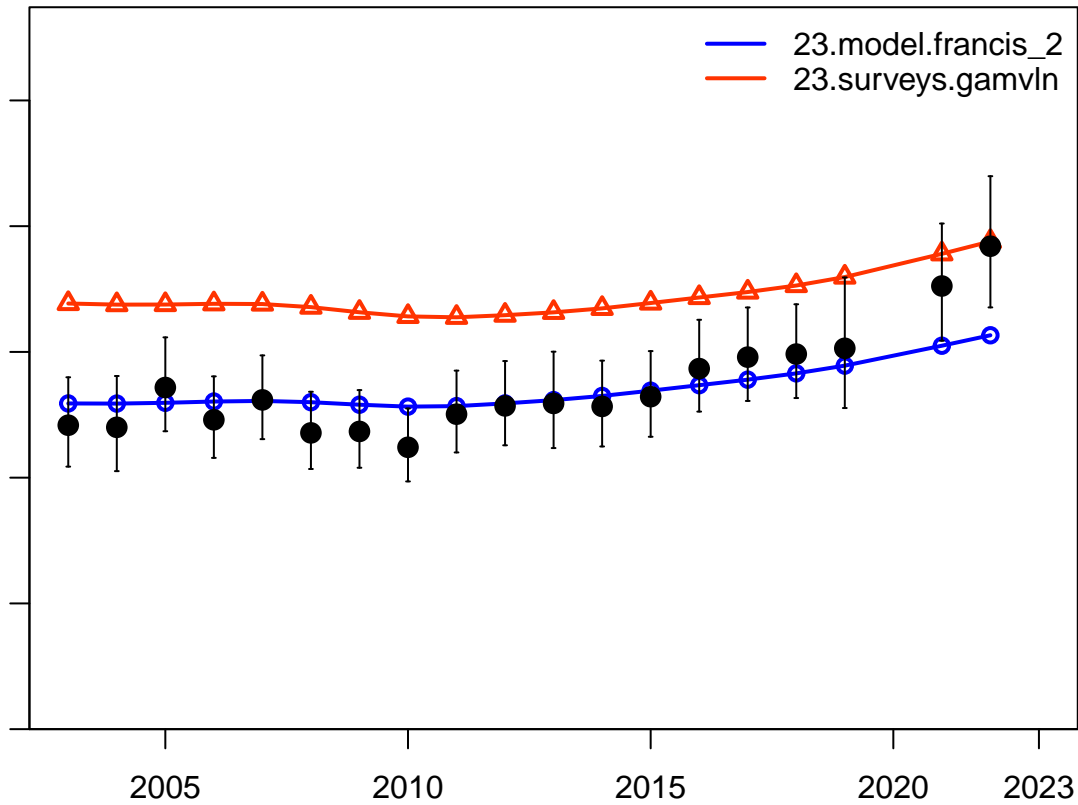
2010

2015

2020

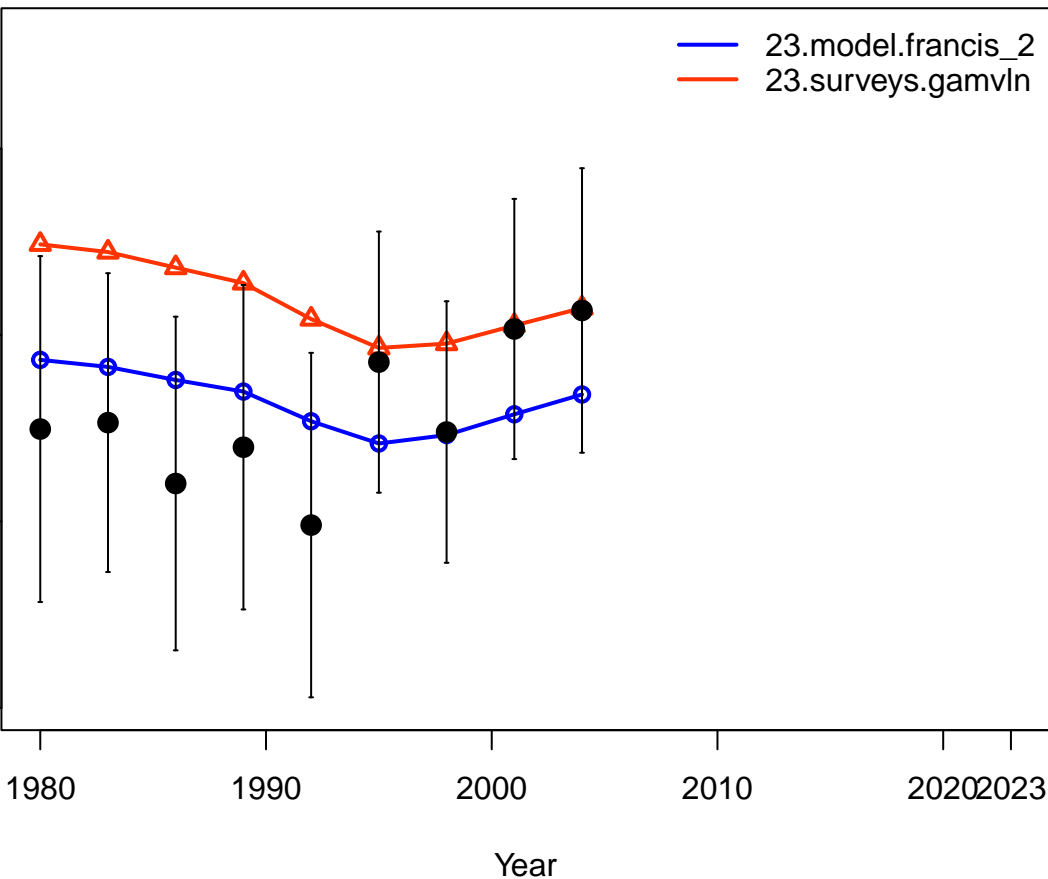
2023

Year

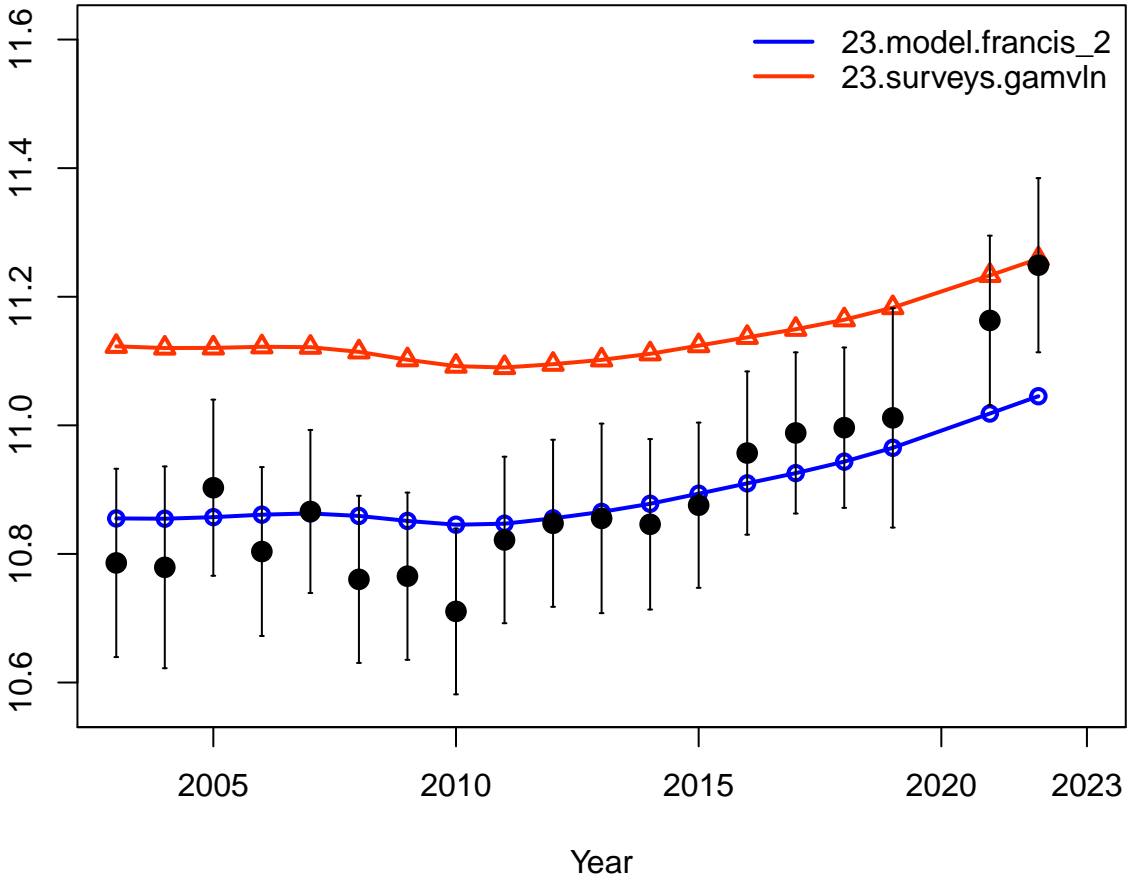


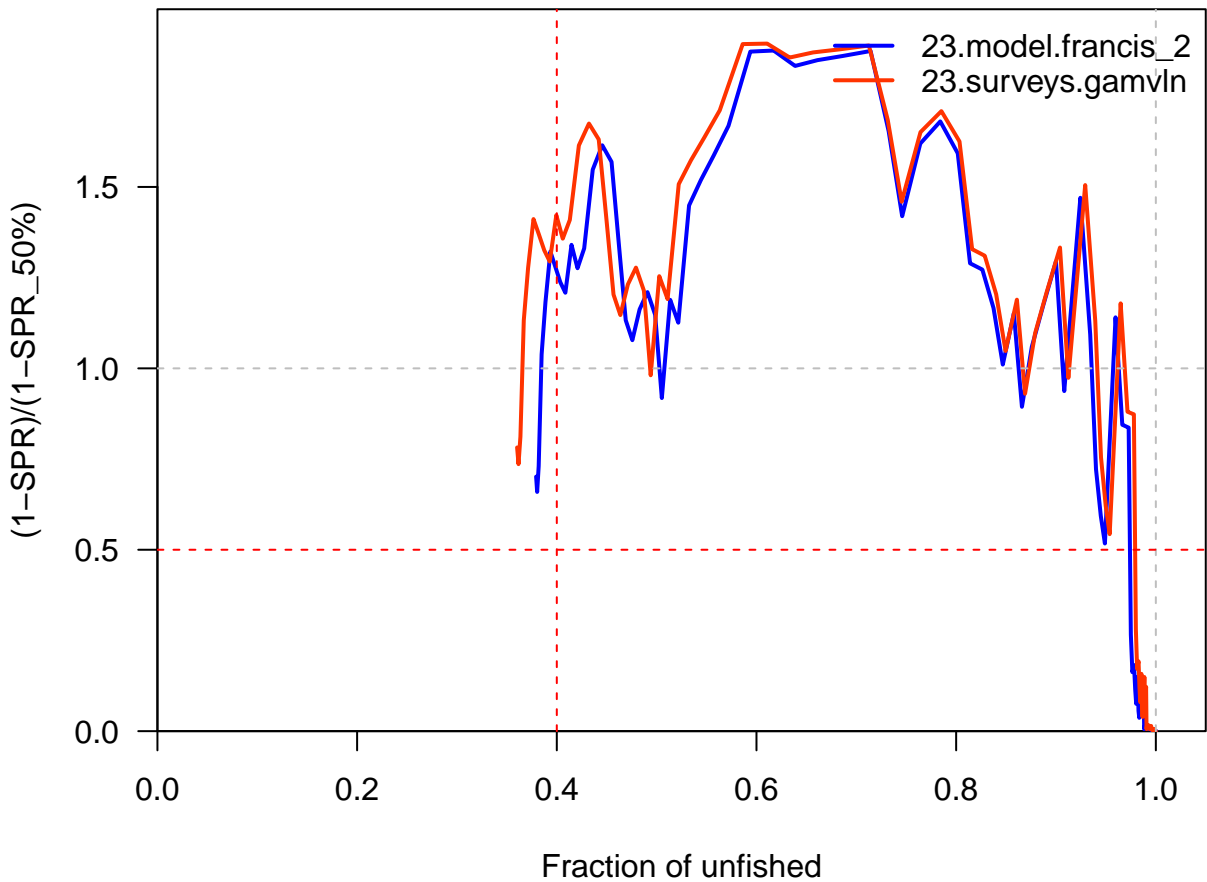
Log index

23.model.francis_2
23.surveys.gamvln

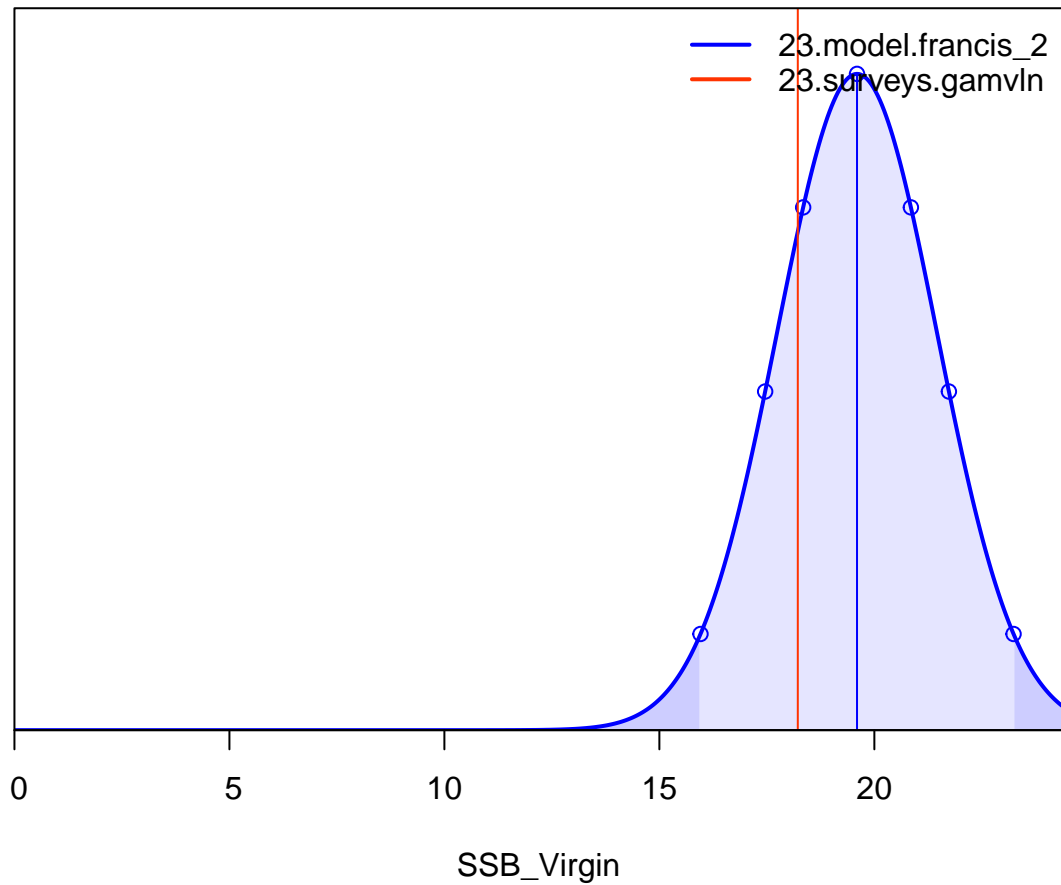


Log index

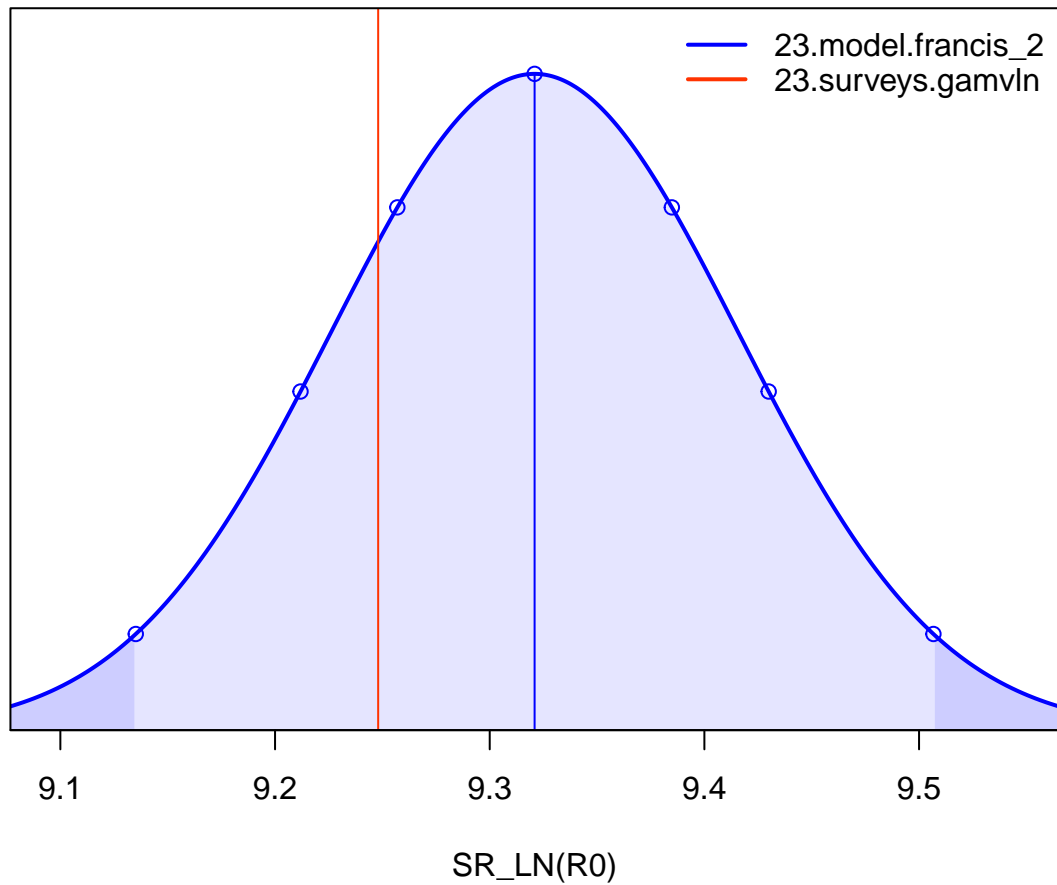




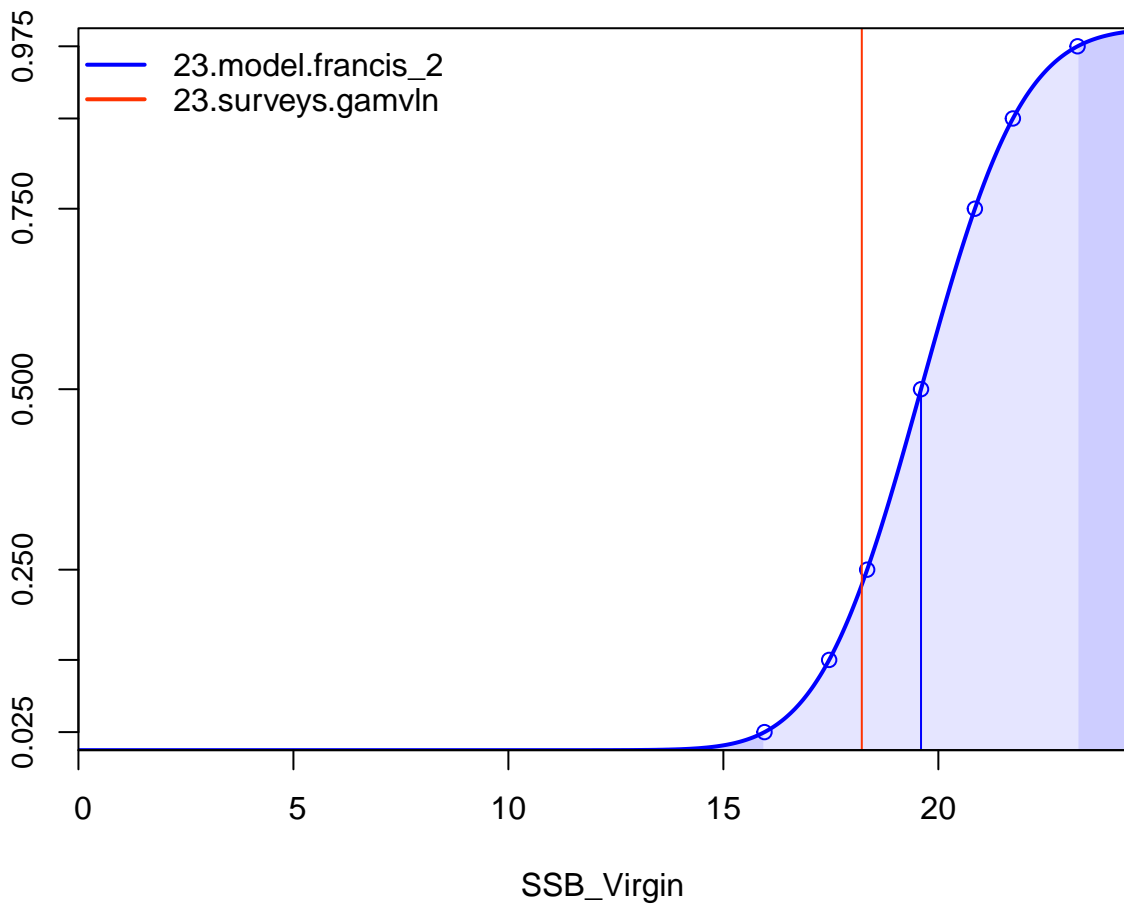
Density



Density



Cumulative Probability



Cumulative Probability

