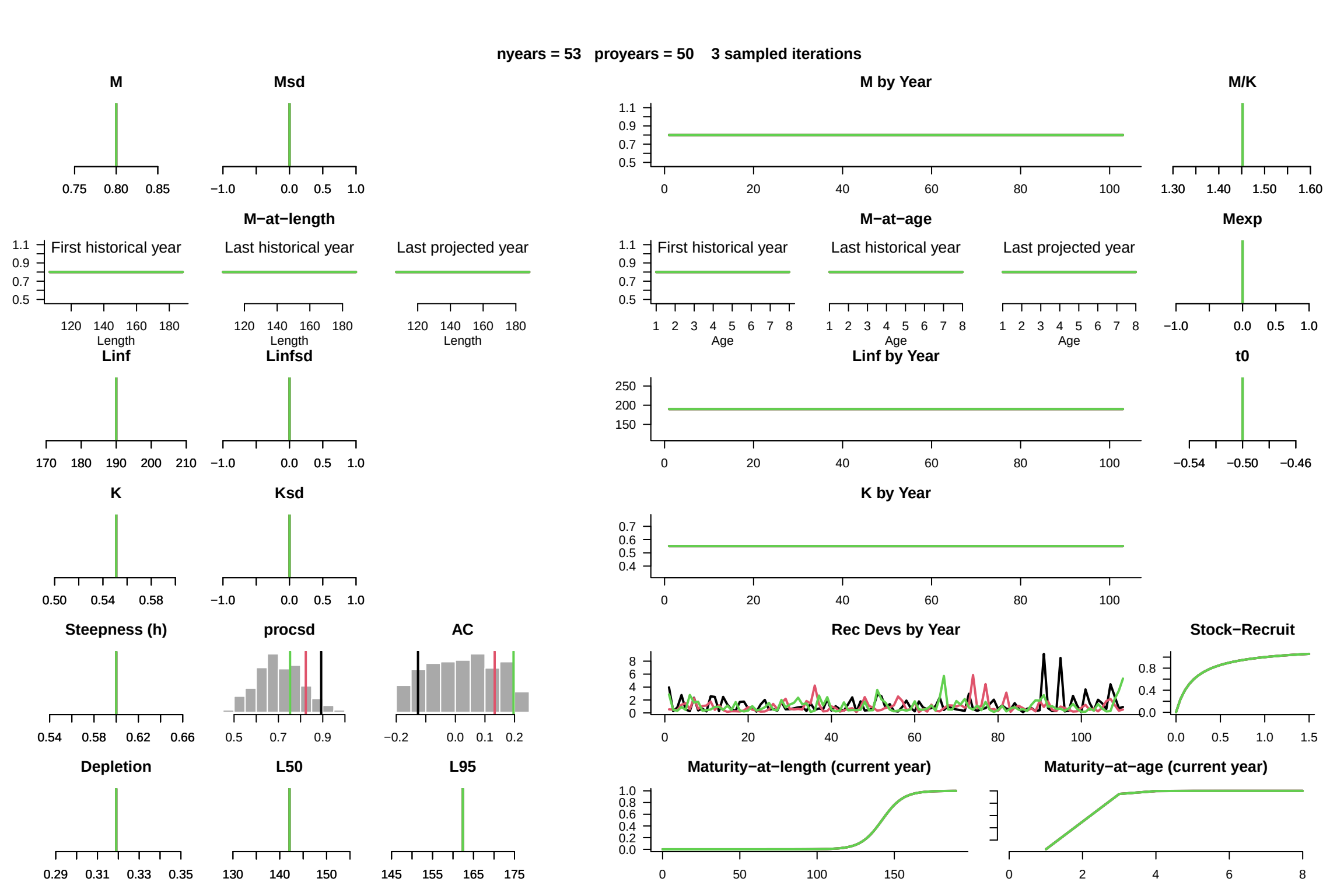
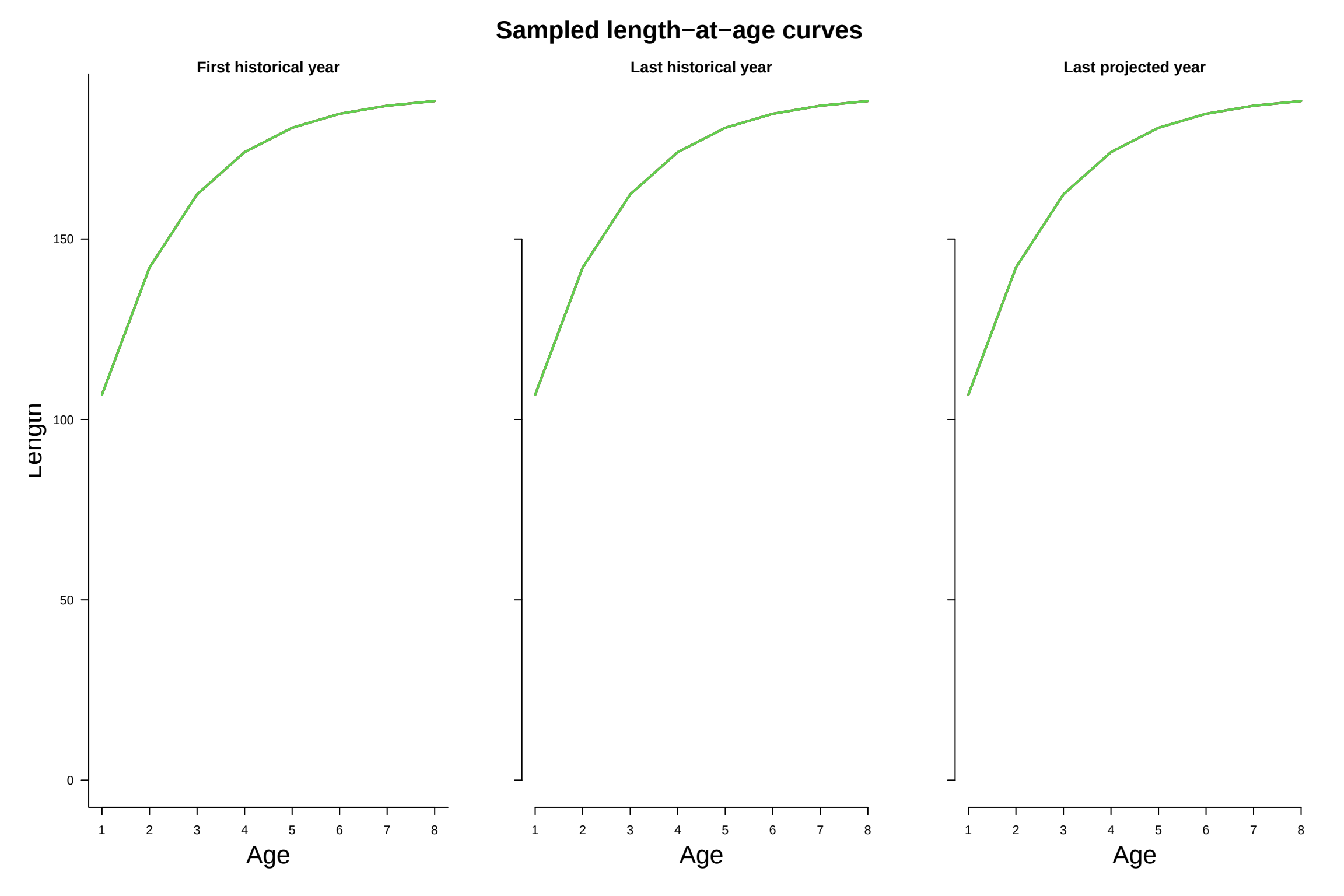
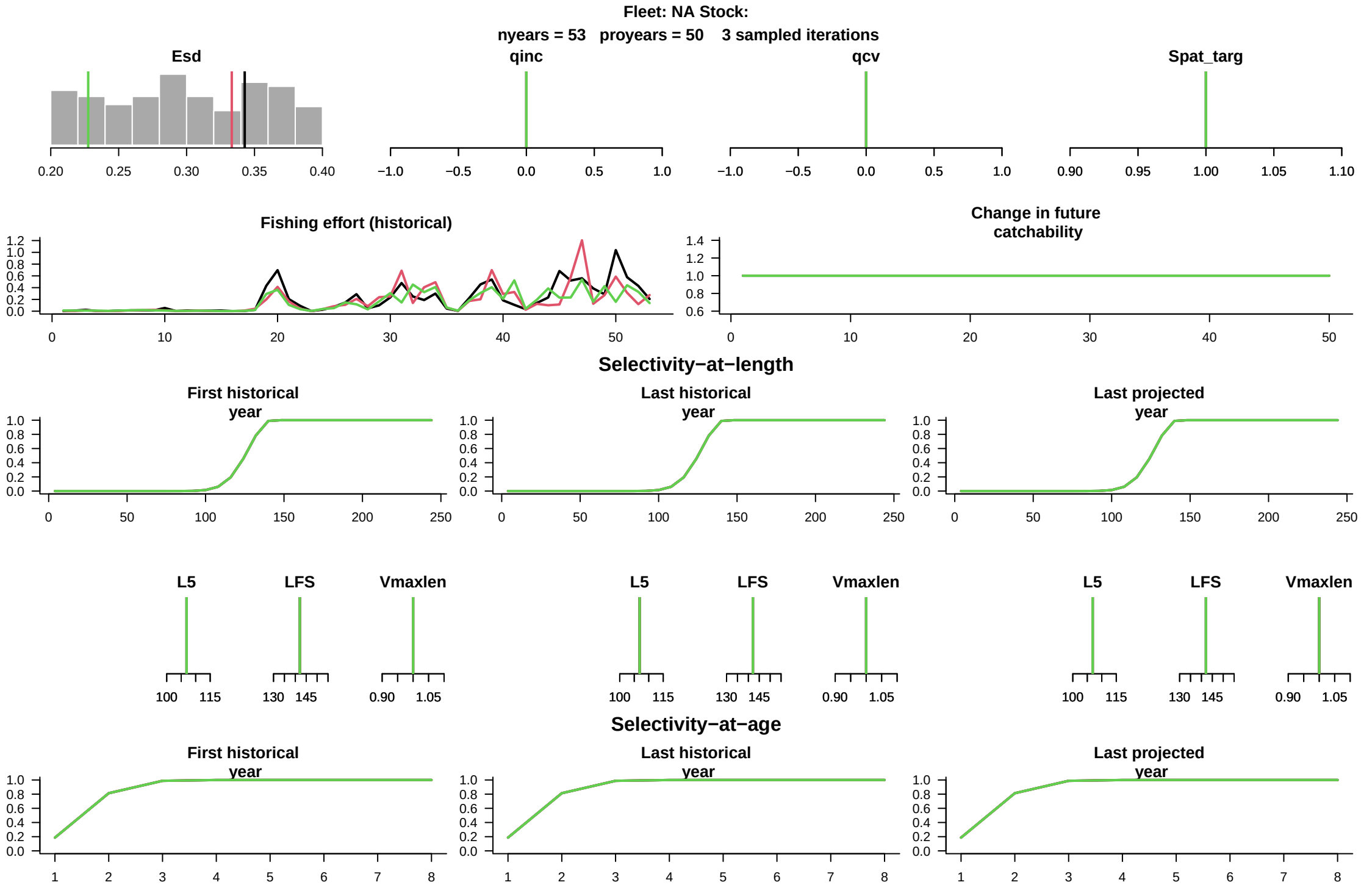
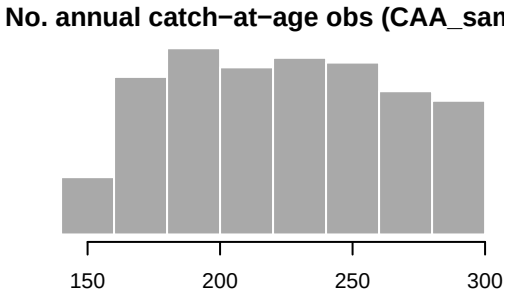
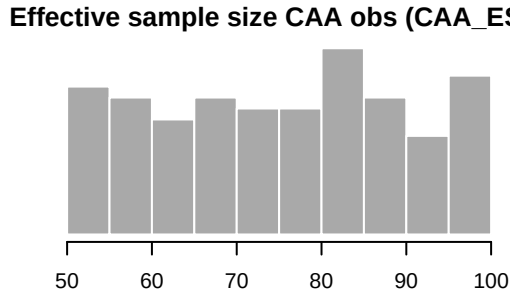

nyears = 53 proyears = 50 3 sampled iterations
M
Msd
M by Year
M/K
M−at−length
First historical year
Last historical year
Last projected year
Length
M−at−age
Age
Mexp
Linf
Linfsd
Linf by Year
t0
K
Ksd
K by Year
Steepness (h)
procsd
AC
Rec Devs by Year
Stock−Recruit
Depletion
L50
L95
Maturity−at−length (current year)
Maturity−at−age (current year)

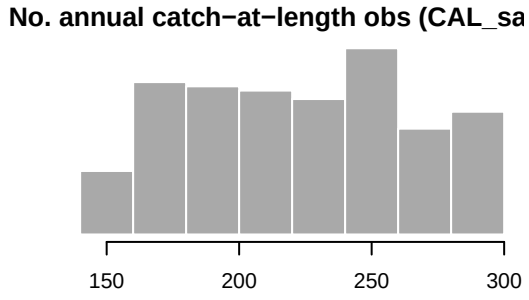

Sampled length−at−age curves
First historical year
Last historical year
Last projected year
Length
150
100
50
0
1
2
3
4
5
6
7
8
Age

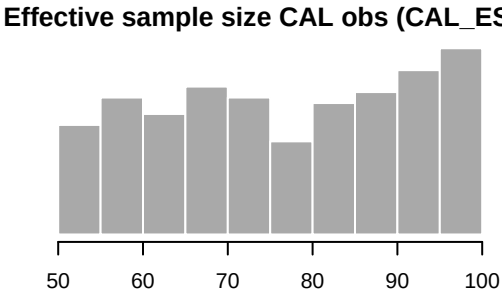

Fleet: NA Stock:
nyears = 53 proyears = 50 3 sampled iterations
Esd
qinc
qcv
Spat_targ
Fishing effort (historical)
Change in future catchability
Selectivity−at−length
First historical year
Last historical year
Last projected year
L5
LFS
Vmaxlen
Selectivity−at−age
First historical year
Last historical year
Last projected year

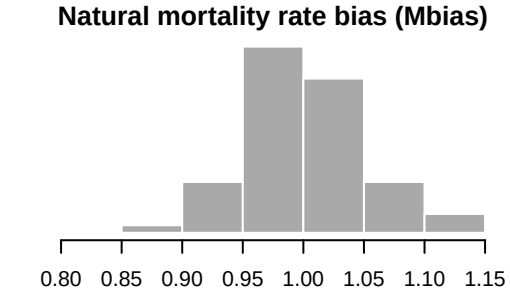
Observation biases and sample sizes for observation object NA

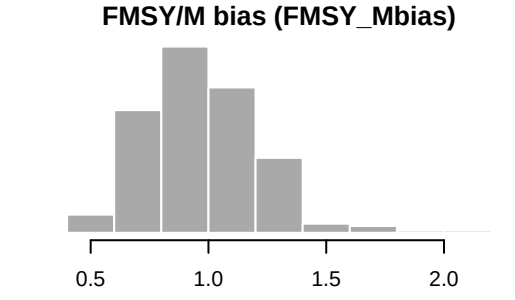


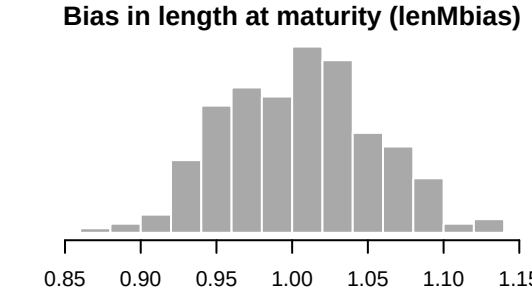


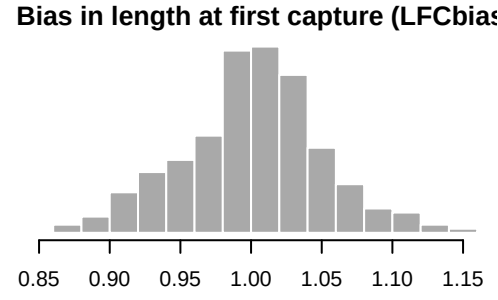


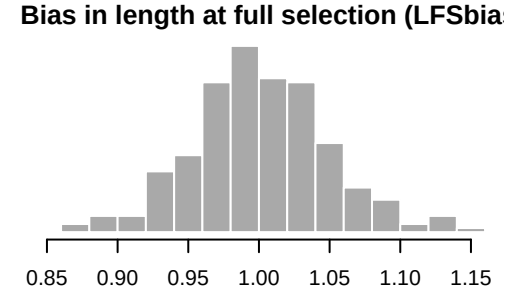


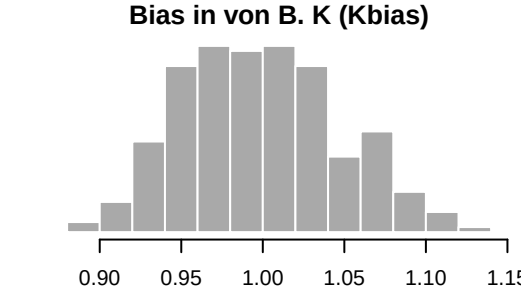


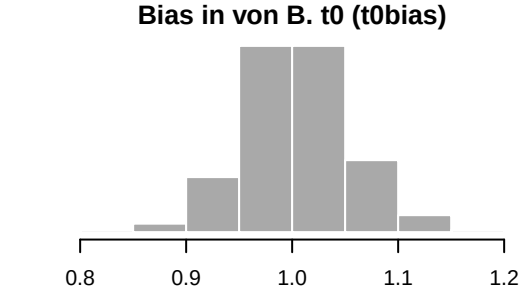


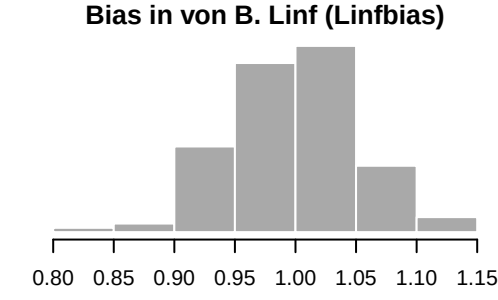


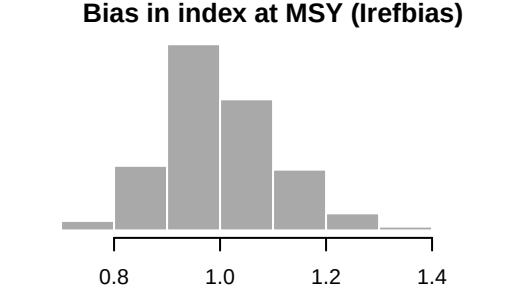


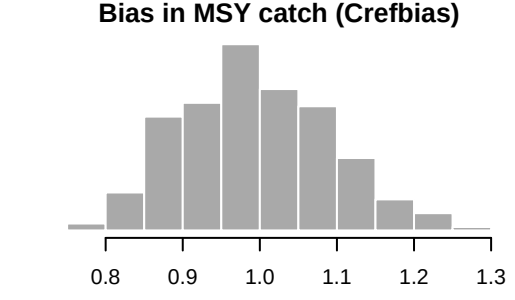


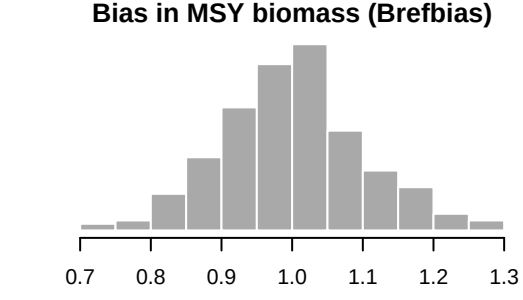




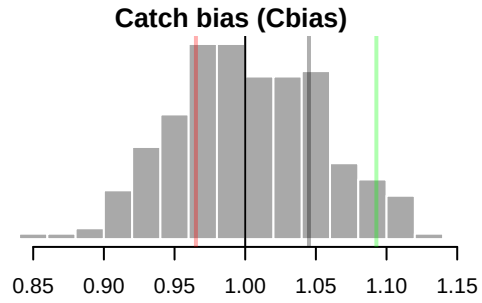


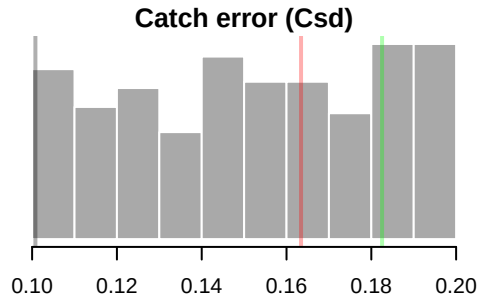


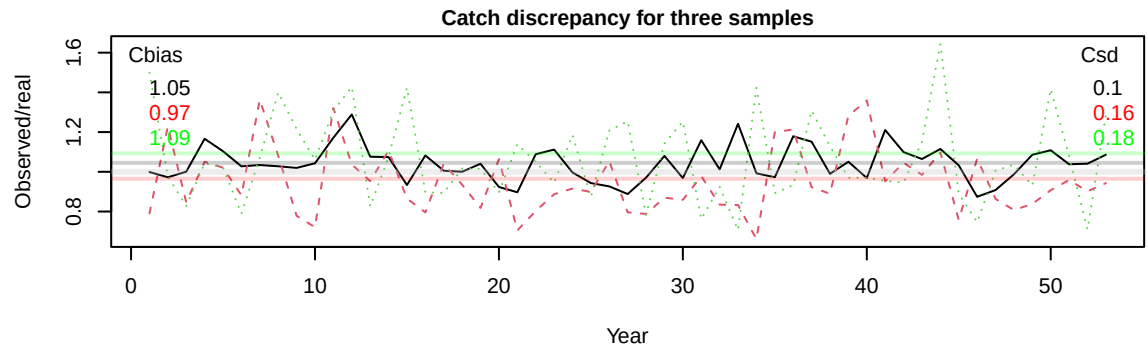


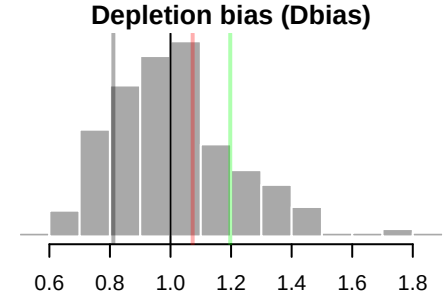


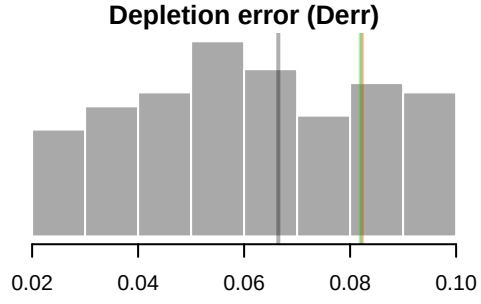
Observation time series plots for observation object

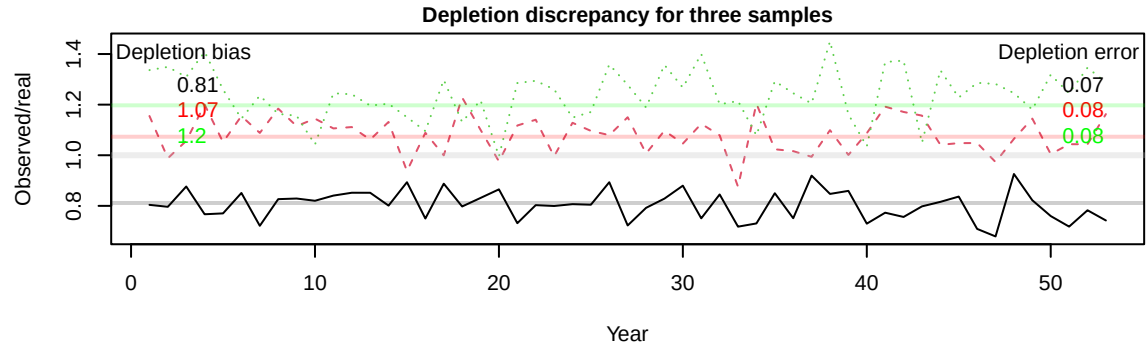


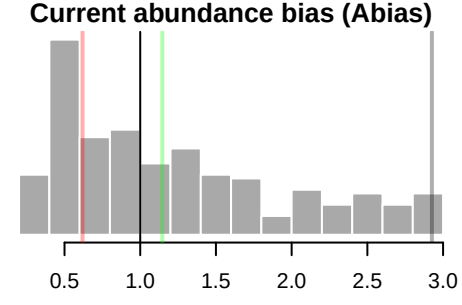


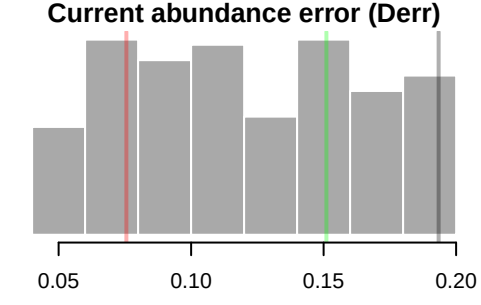


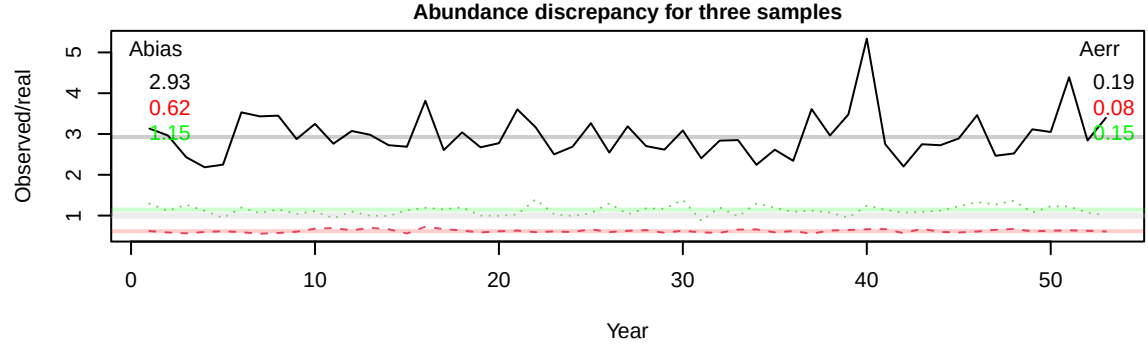


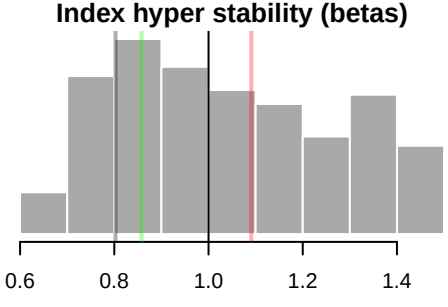


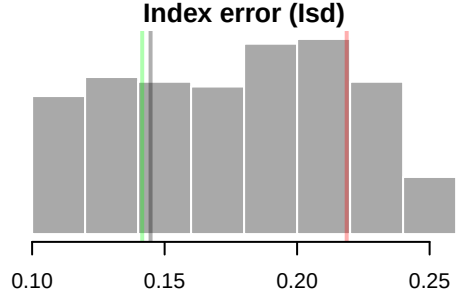


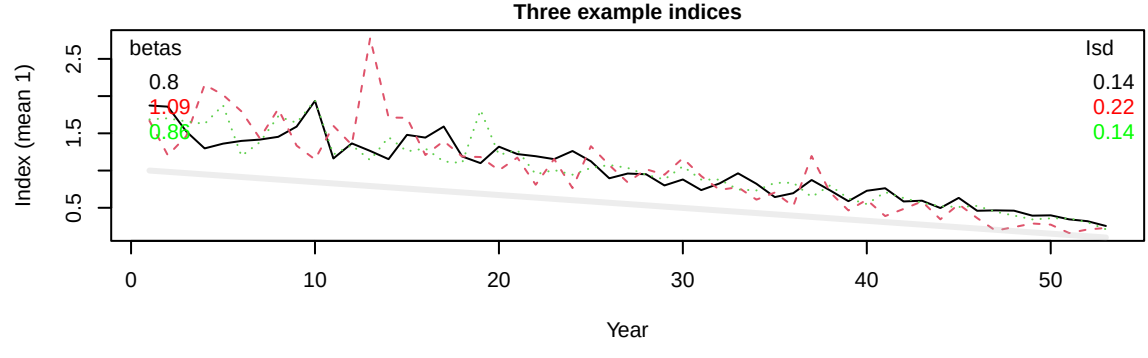




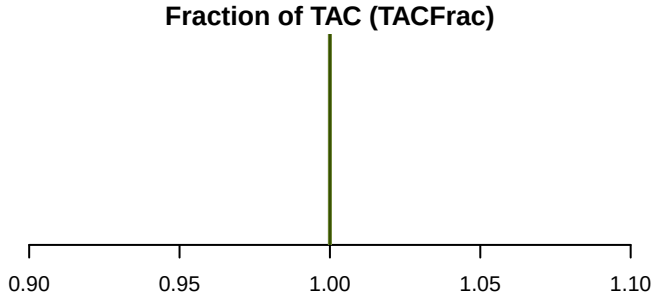


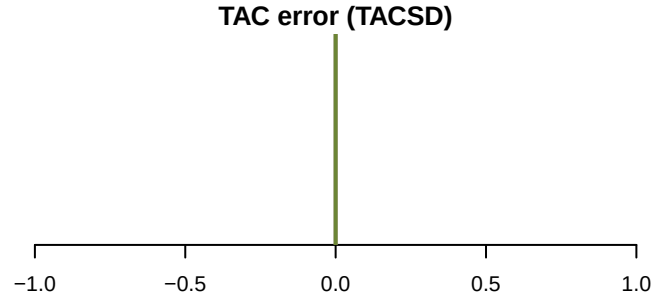


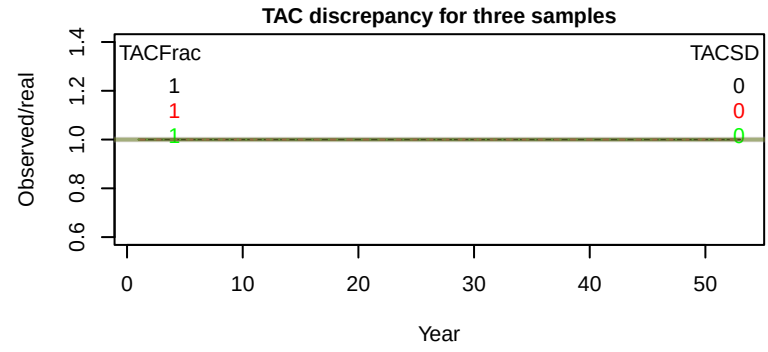


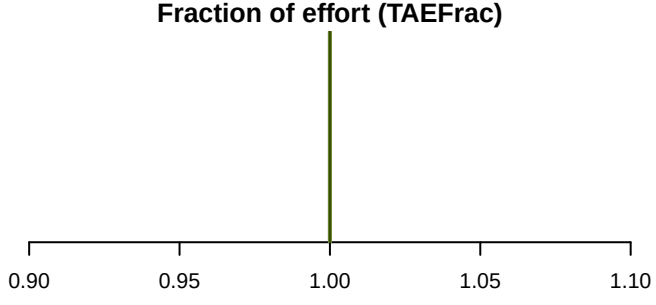


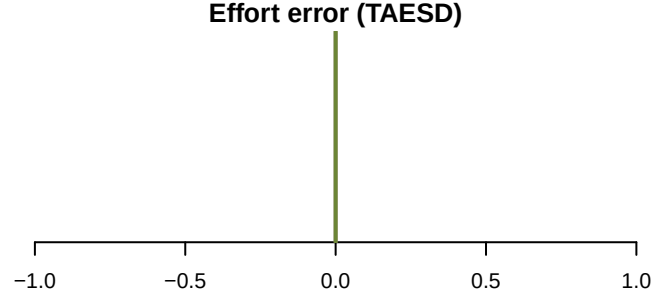
Implementation error time series plots for implementation object NA

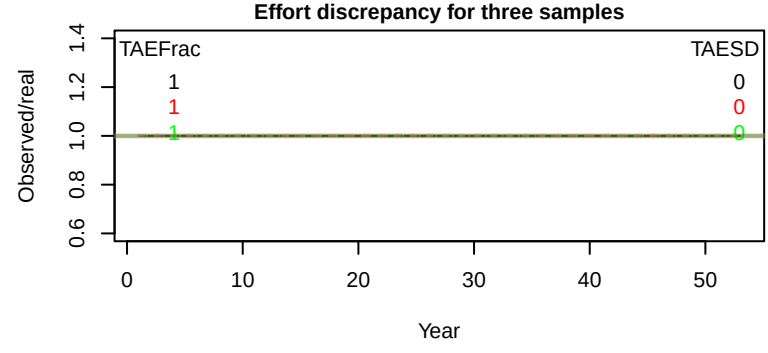


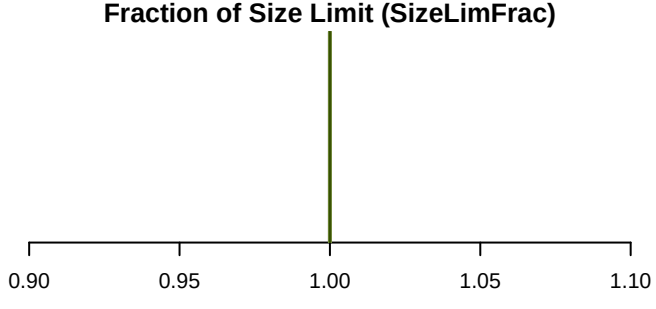


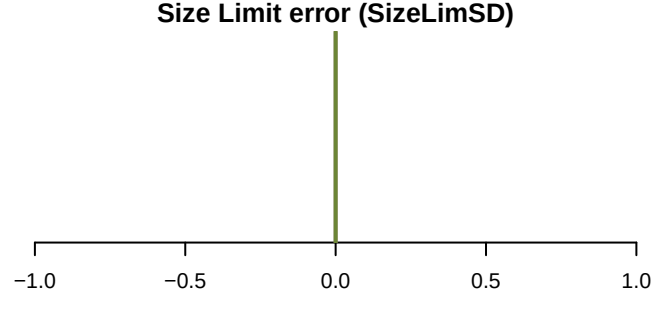


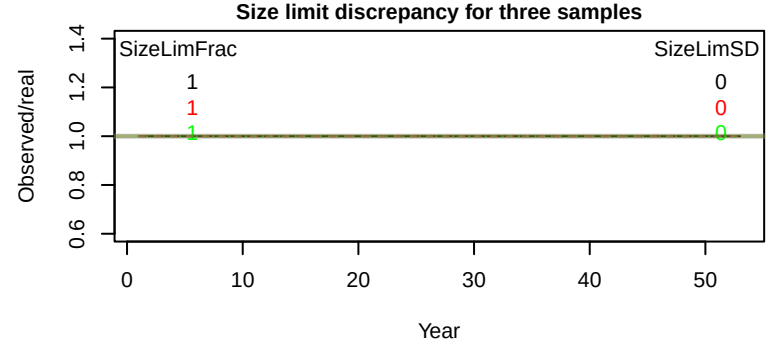


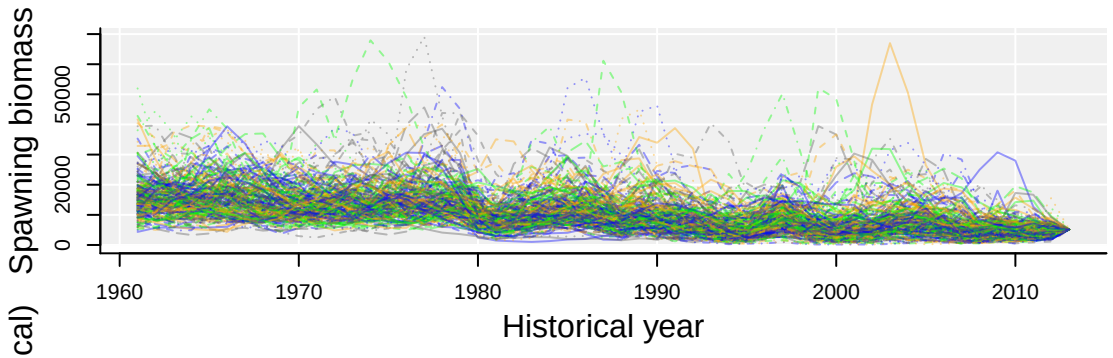


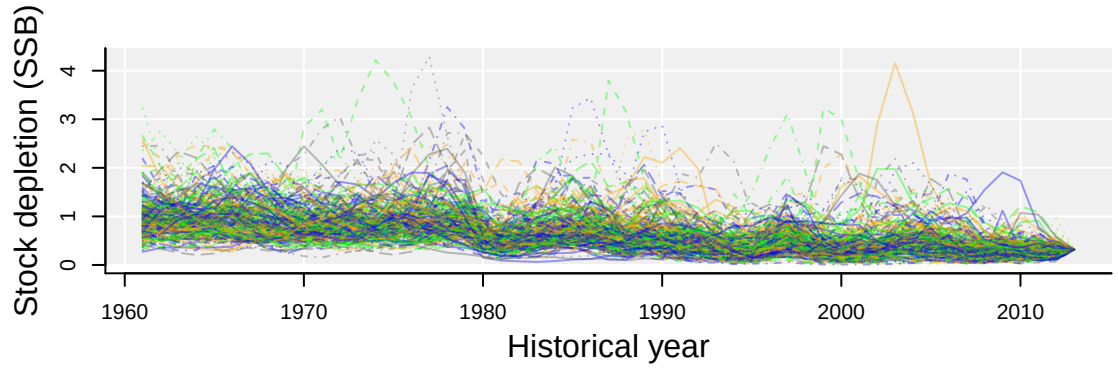


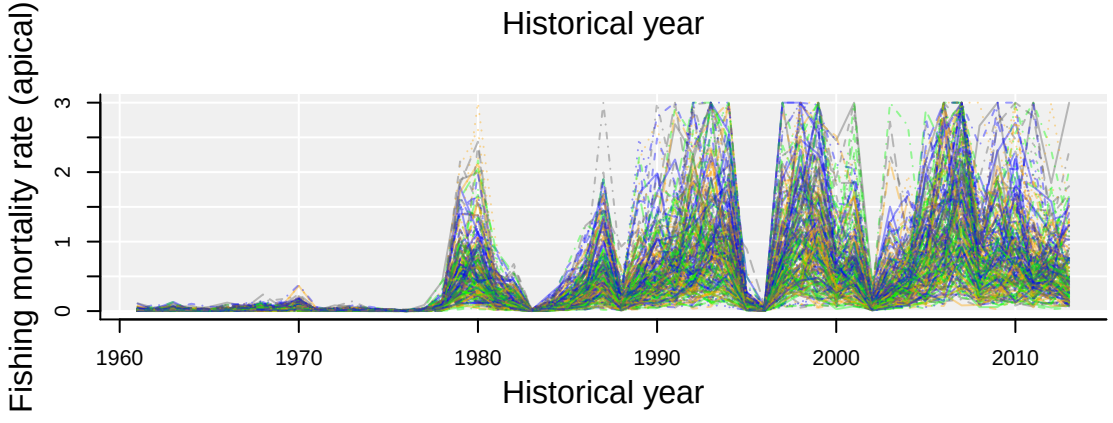


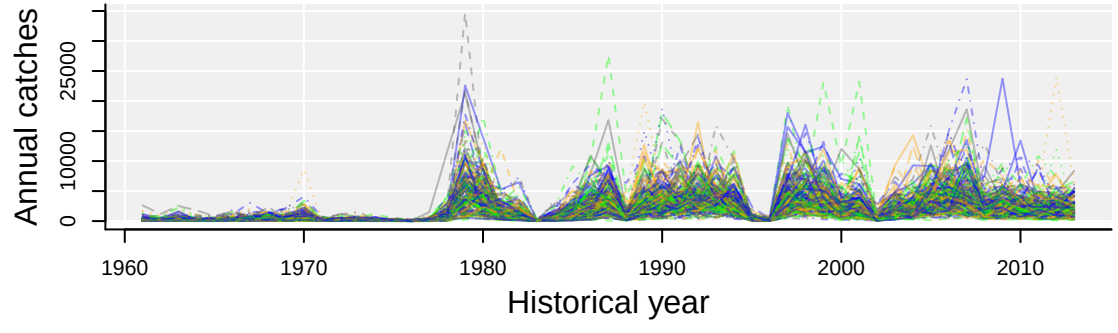


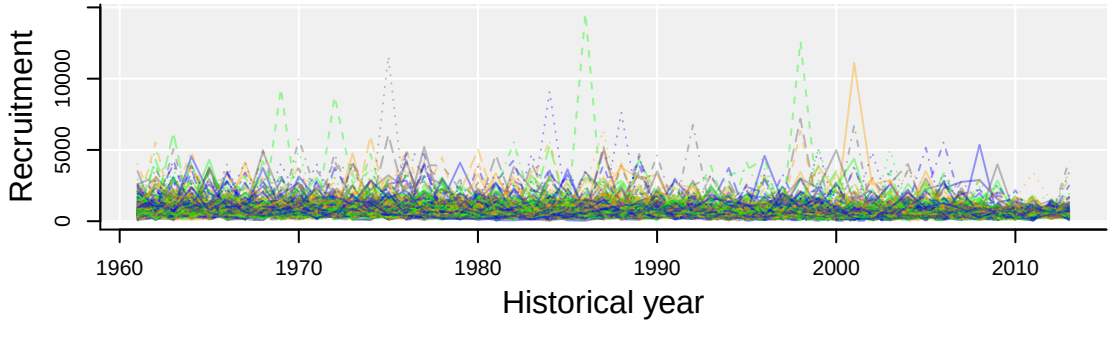


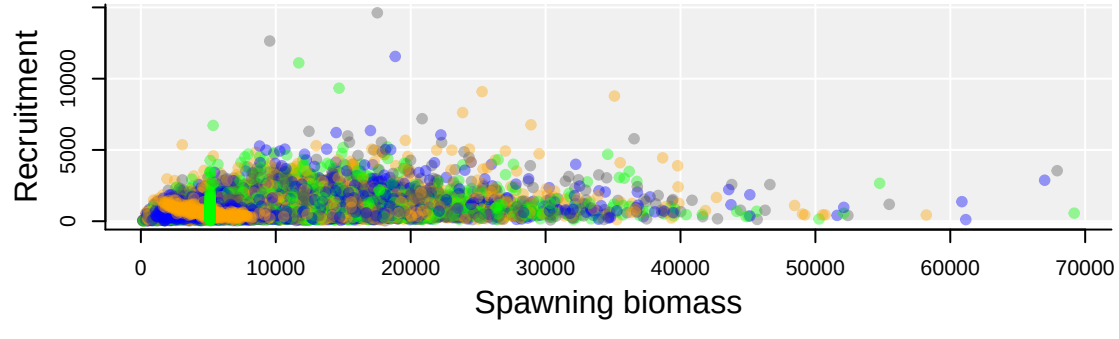

Spawning biomass
0
20000
50000
1960
1970
1980
1990
2000
2010
Historical year

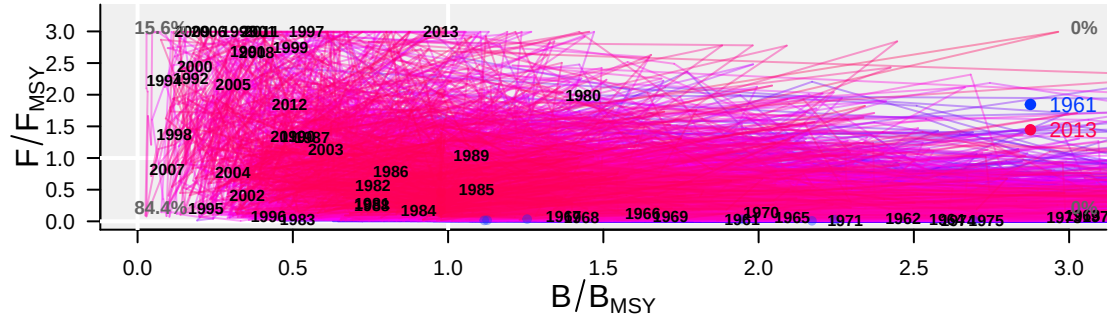

Stock depletion (SSB)
0
1
2
3
4
1960
1970
1980
1990
2000
2010
Historical year

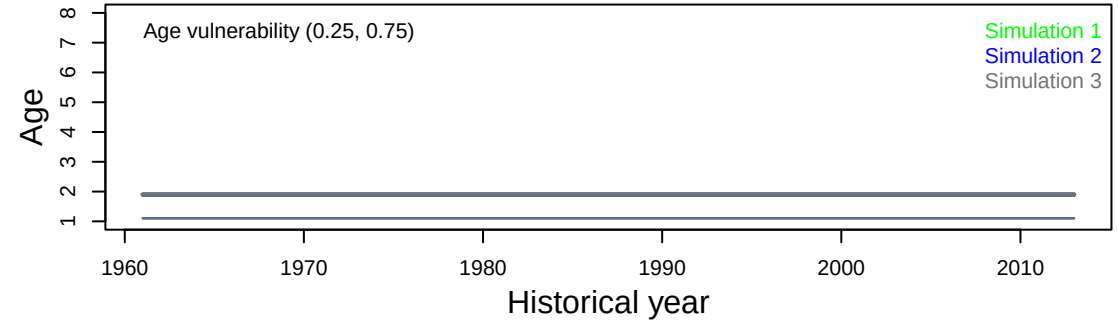

Fishing mortality rate (apical)
0
1
2
3
1960
1970
1980
1990
2000
2010
Historical year


Annual catches
0
10000
25000
1960
1970
1980
1990
2000
2010
Historical year


Recruitment
0
5000
10000
1960
1970
1980
1990
2000
2010
Historical year


Recruitment
0
5000
10000
0
10000
20000
30000
40000
50000
60000
70000
Spawning biomass


F/F_MSY
B/B_MSY
0.0
0.5
1.0
1.5
2.0
2.5
3.0
15.6%
84.4%
0%
1961
2013


Age
1
2
3
4
5
6
7
8
Age vulnerability (0.25, 0.75)
Simulation 1
Simulation 2
Simulation 3
1960
1970
1980
1990
2000
2010
Historical year