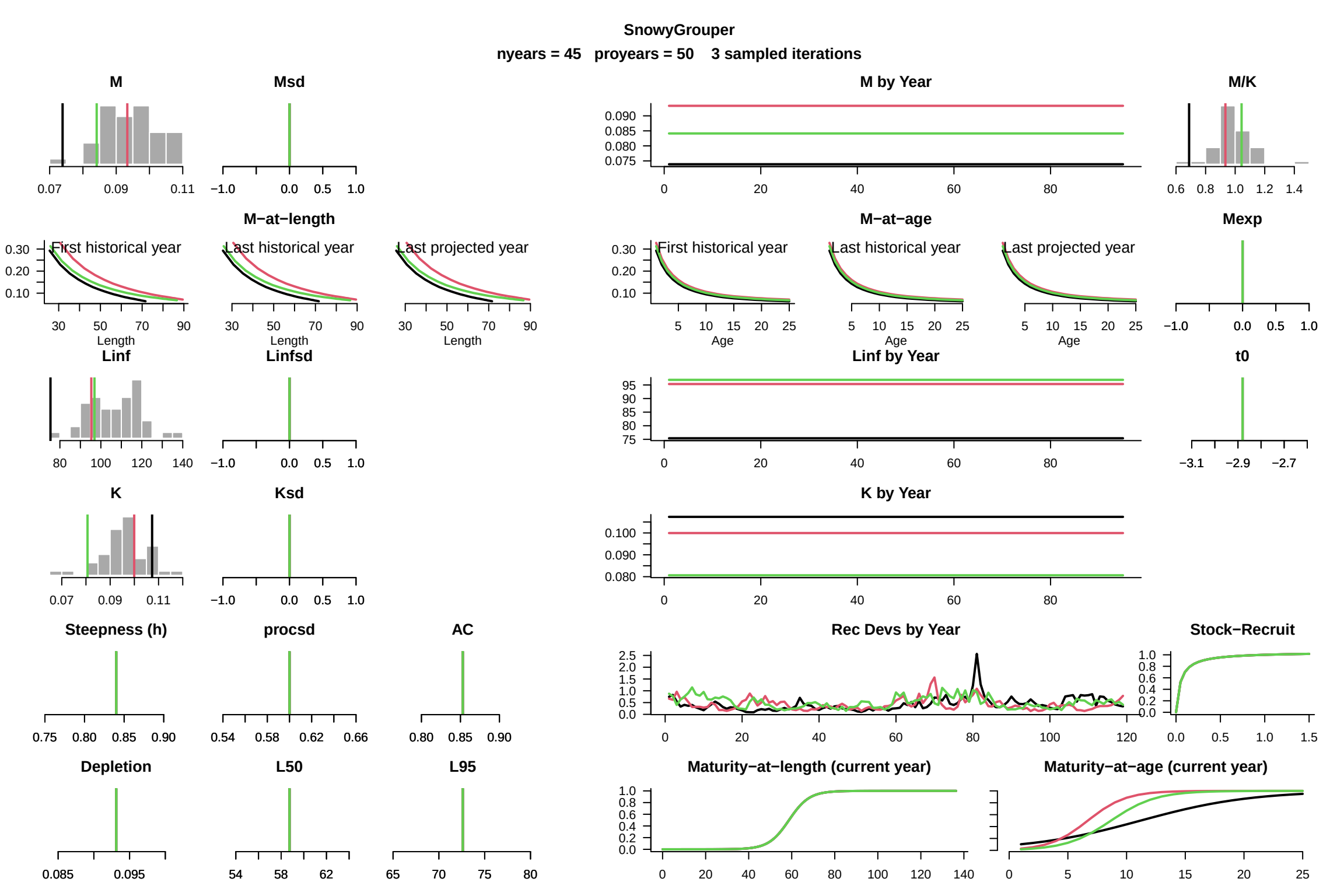
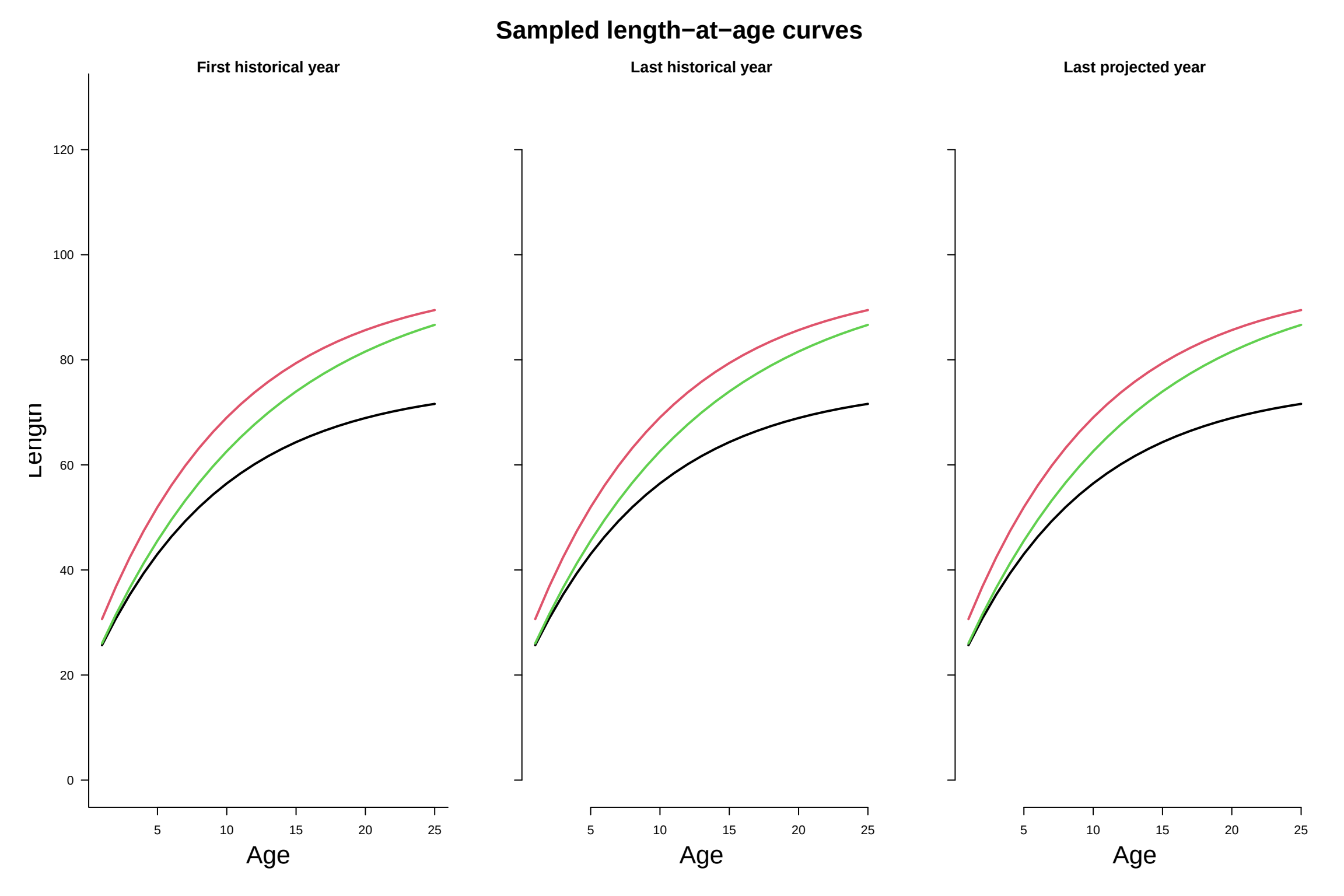
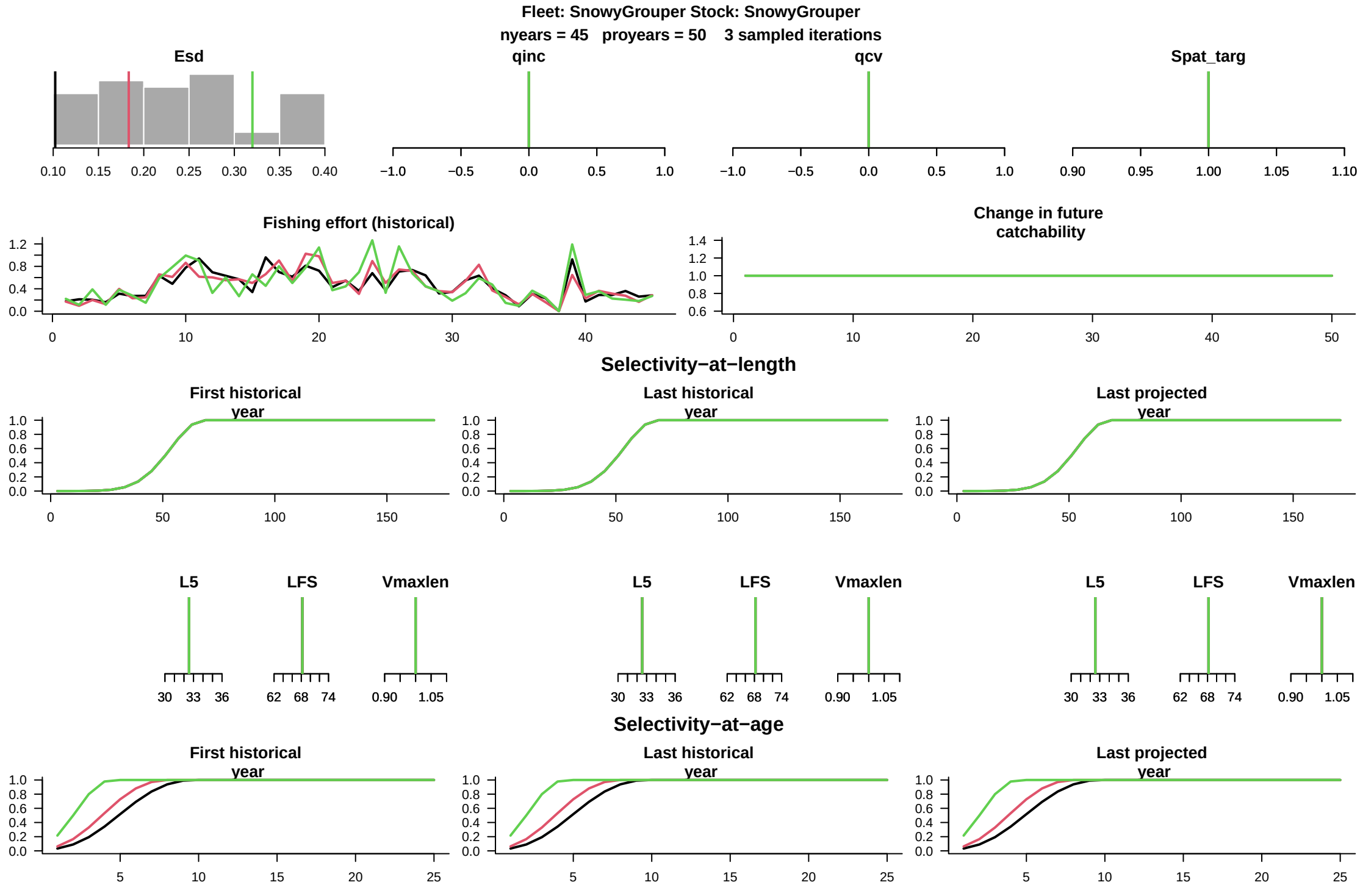
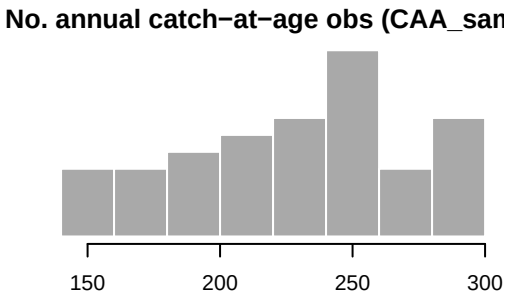
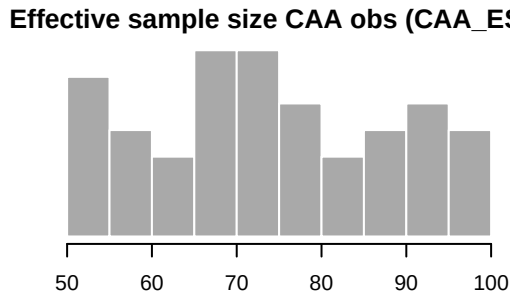

SnowyGrouper
nyears = 45 proyears = 50 3 sampled iterations
M
Msd
M by Year
M/K
M−at−length
First historical year
Last historical year
Last projected year
Length
M−at−age
Age
Mexp
Linf
Linfsd
Linf by Year
t0
K
Ksd
K by Year
Steepness (h)
procsd
AC
Rec Devs by Year
Stock−Recruit
Depletion
L50
L95
Maturity−at−length (current year)
Maturity−at−age (current year)

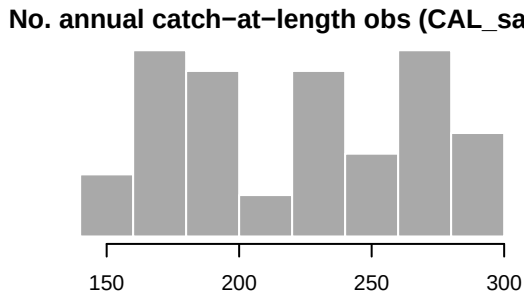

Sampled length−at−age curves
First historical year
Last historical year
Last projected year
Length
120
100
80
60
40
20
0
5
10
15
20
25
Age

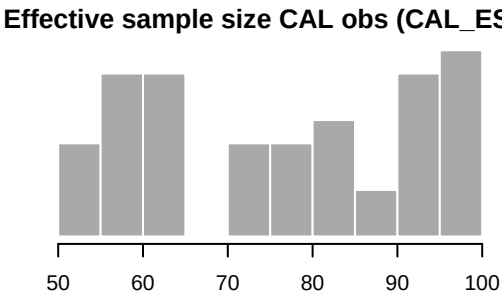

Fleet: SnowyGrouper Stock: SnowyGrouper
nyears = 45 proyears = 50 3 sampled iterations
Esd
qinc
qcv
Spat_targ
Fishing effort (historical)
Change in future catchability
Selectivity−at−length
First historical year
Last historical year
Last projected year
L5
LFS
Vmaxlen
Selectivity−at−age
First historical year
Last historical year
Last projected year

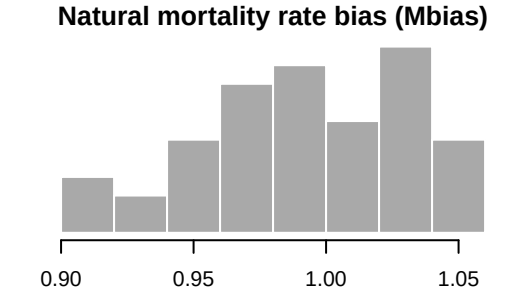
Observation biases and sample sizes for observation object SnowyGrouper

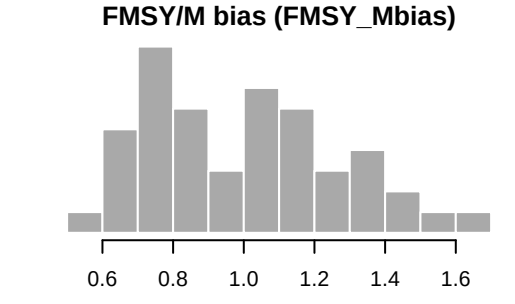


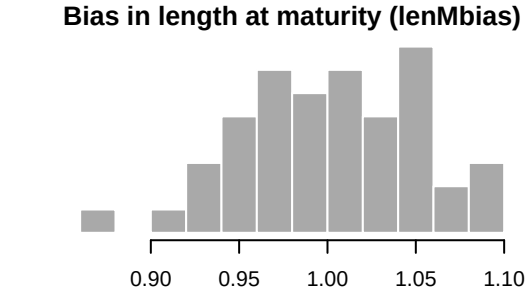


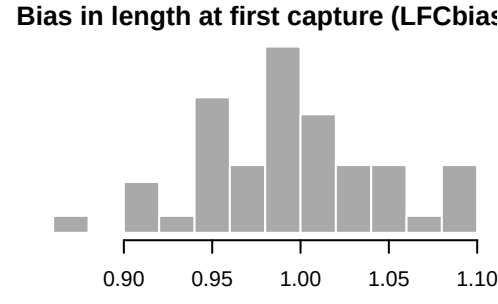


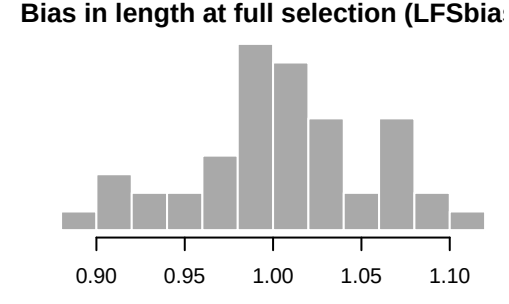


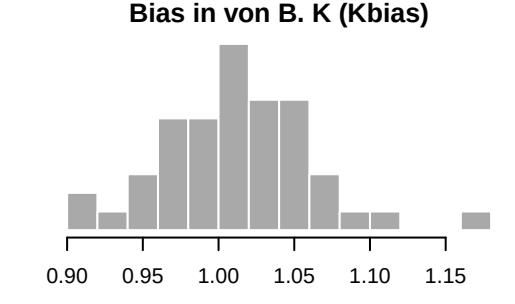


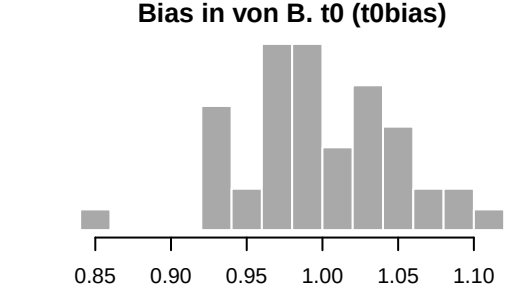


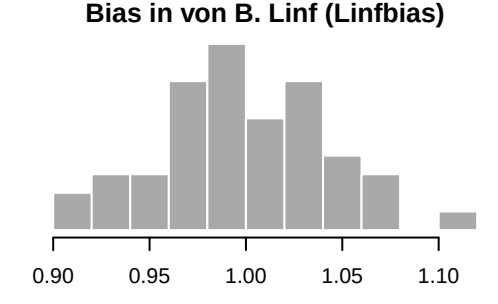


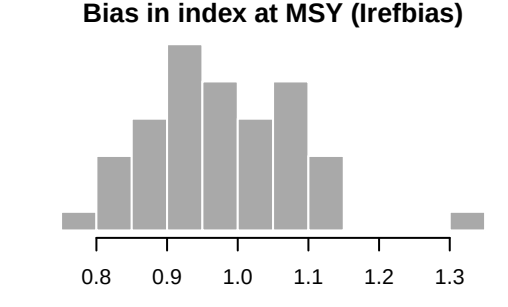


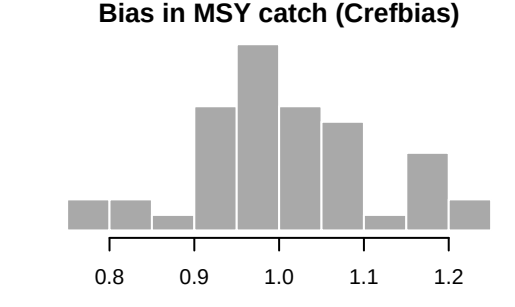


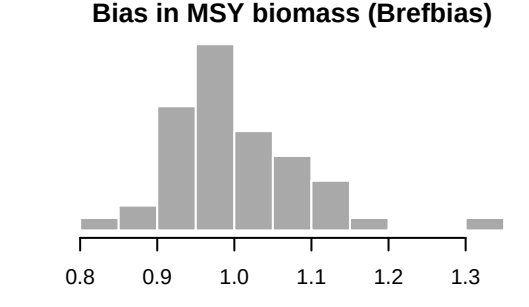


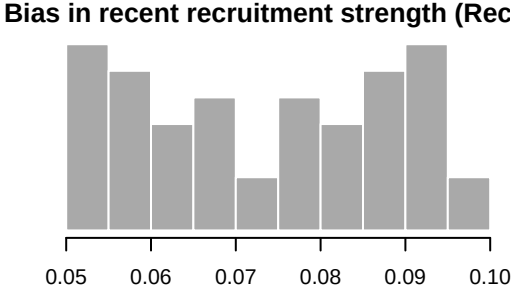




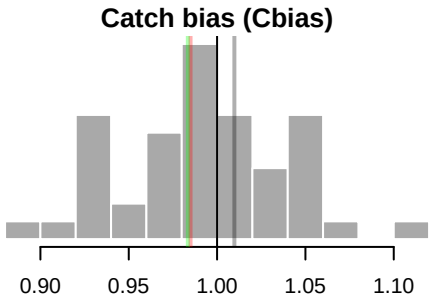


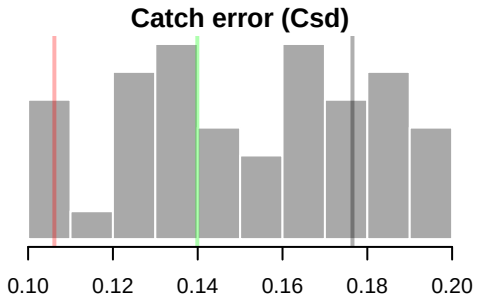


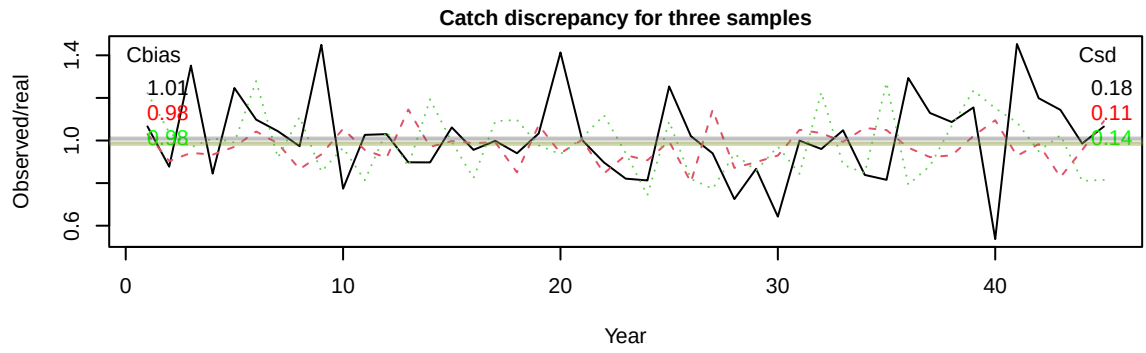


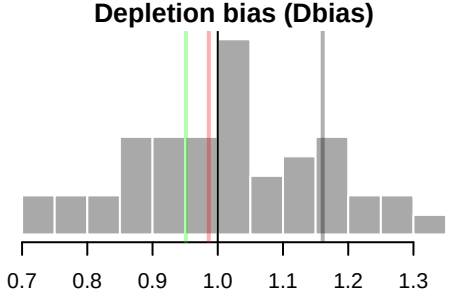


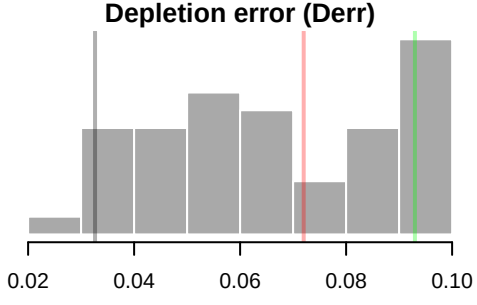
Observation time series plots for observation object SnowyGrouper

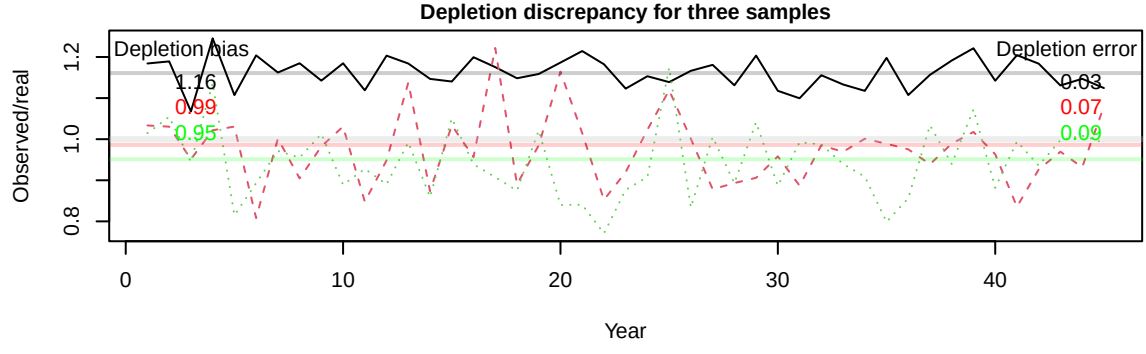


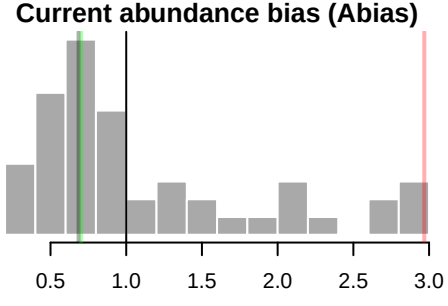


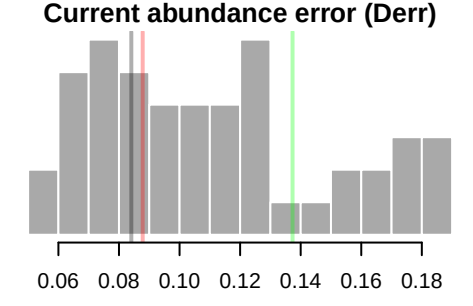


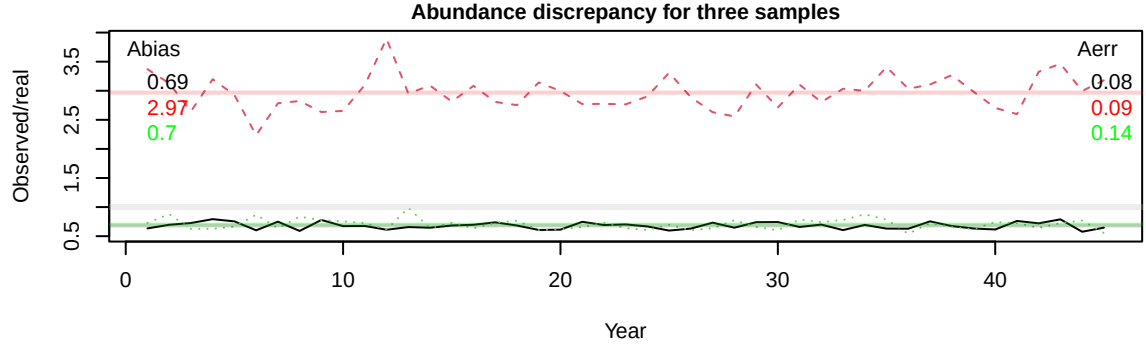


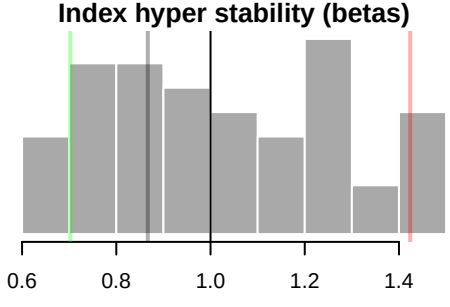


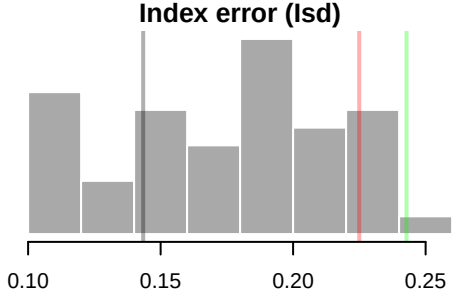


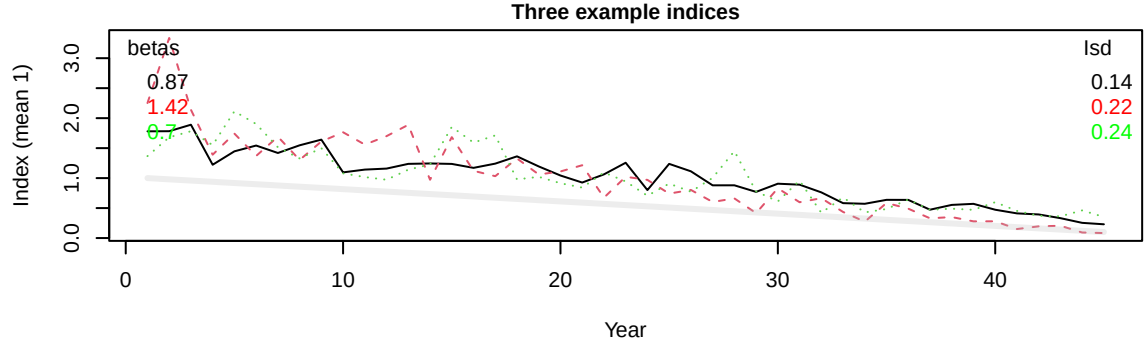




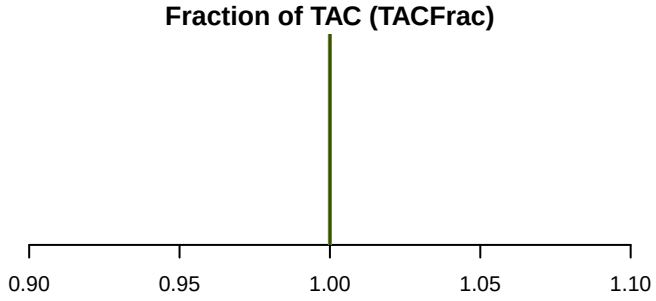


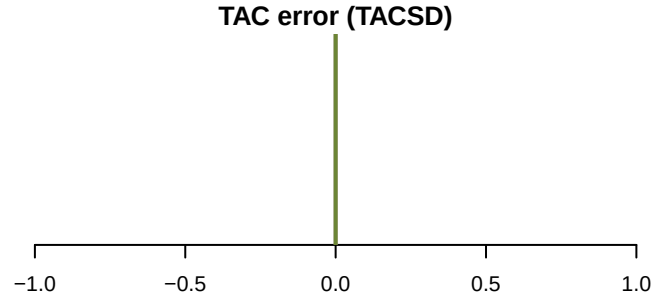


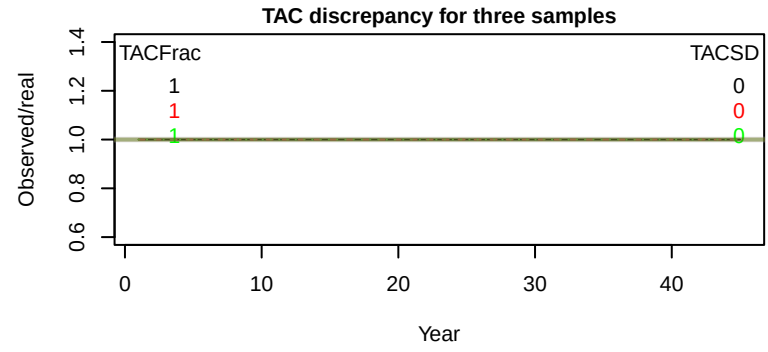


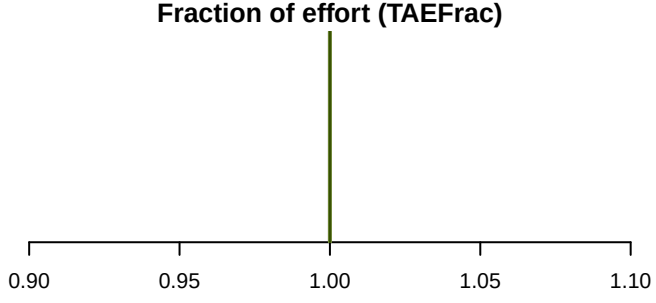


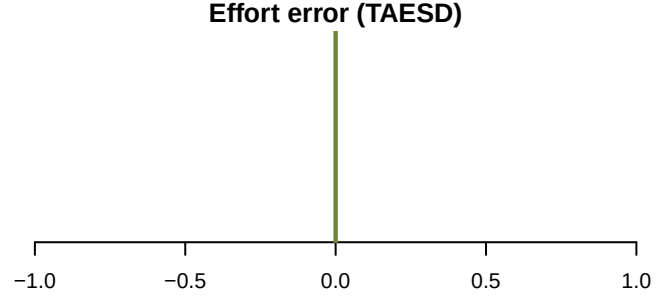
Implementation error time series plots for implementation object Perfect_Imp

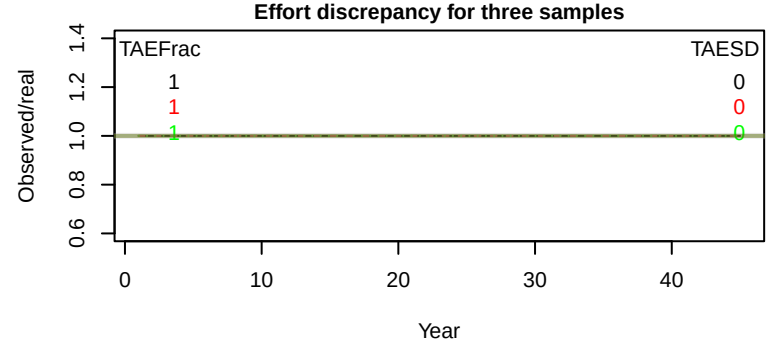


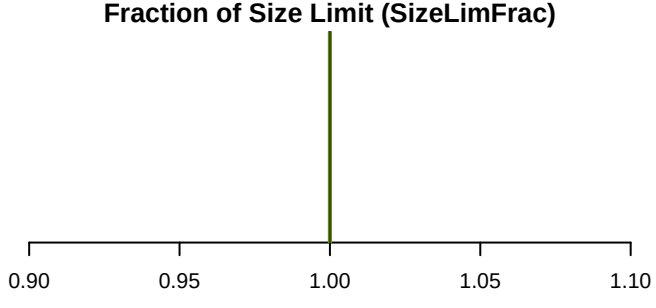


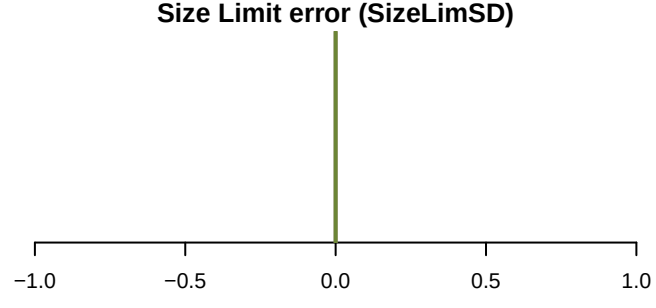


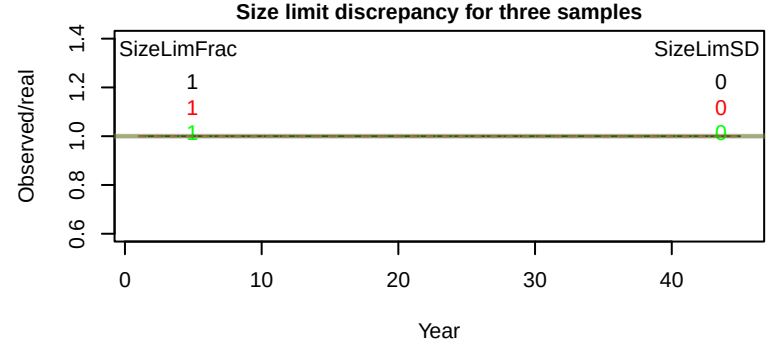


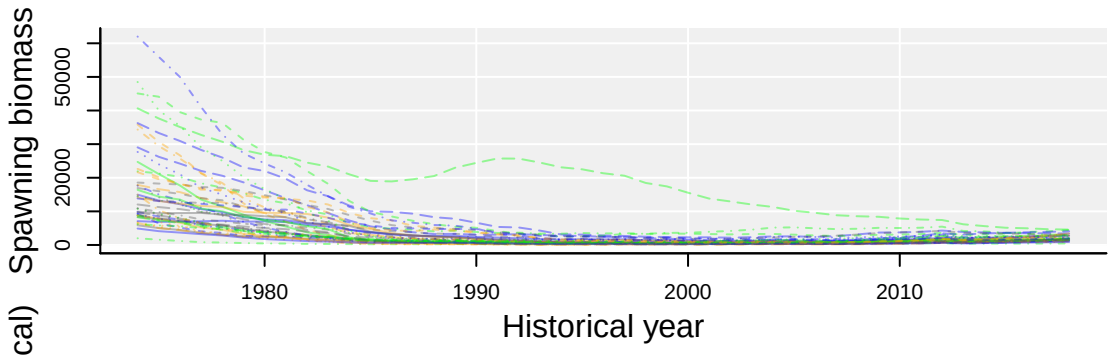


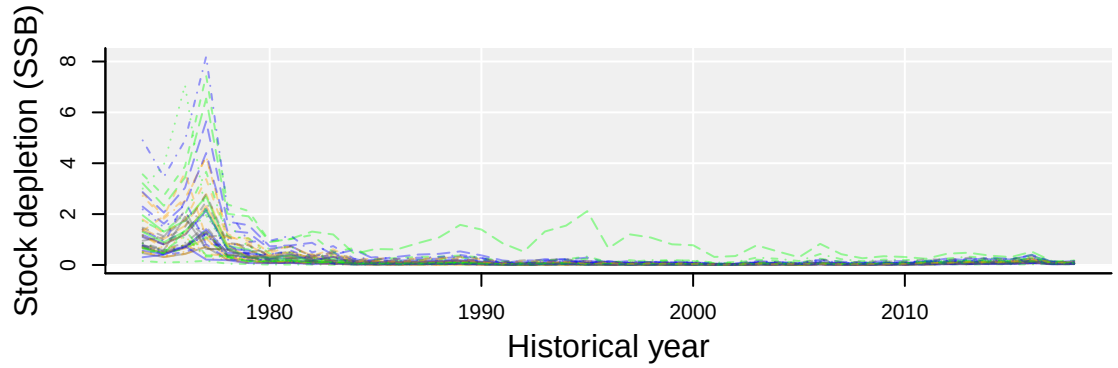


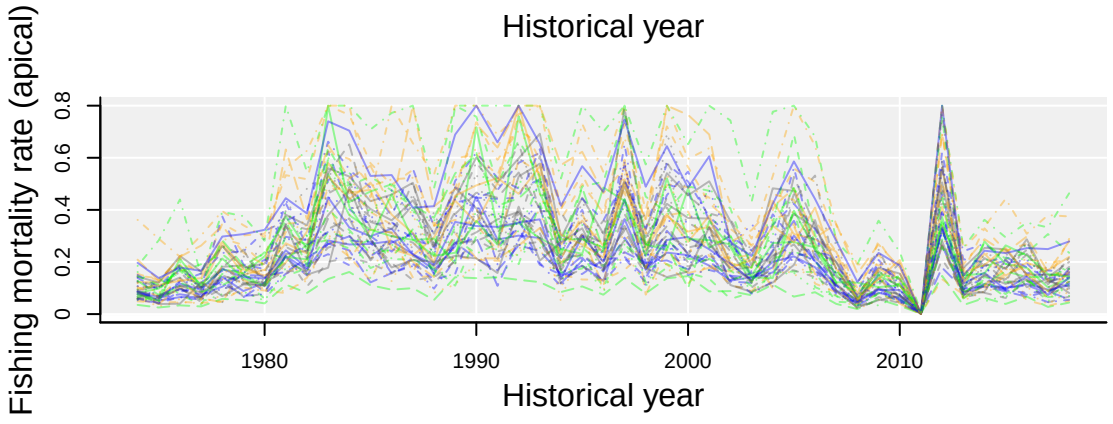


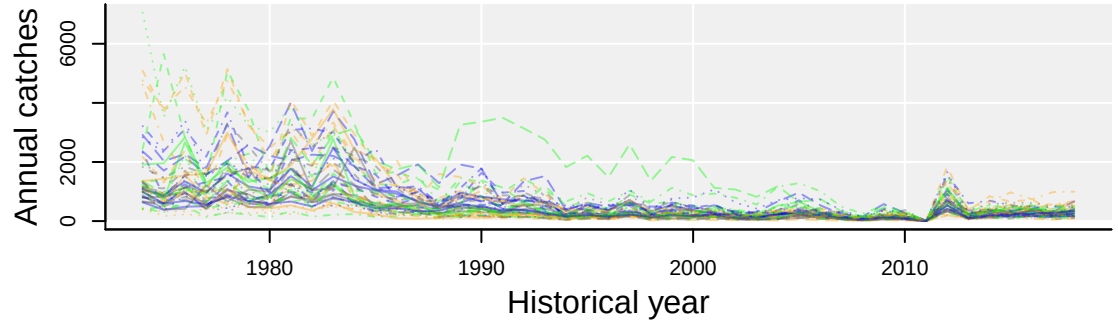


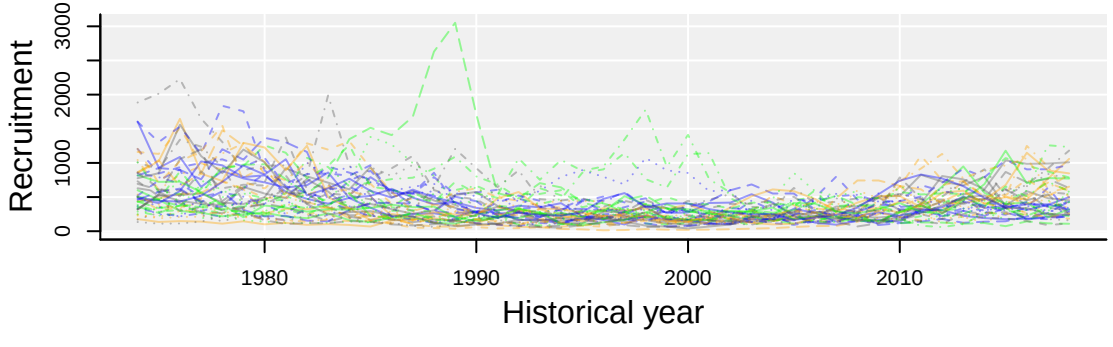


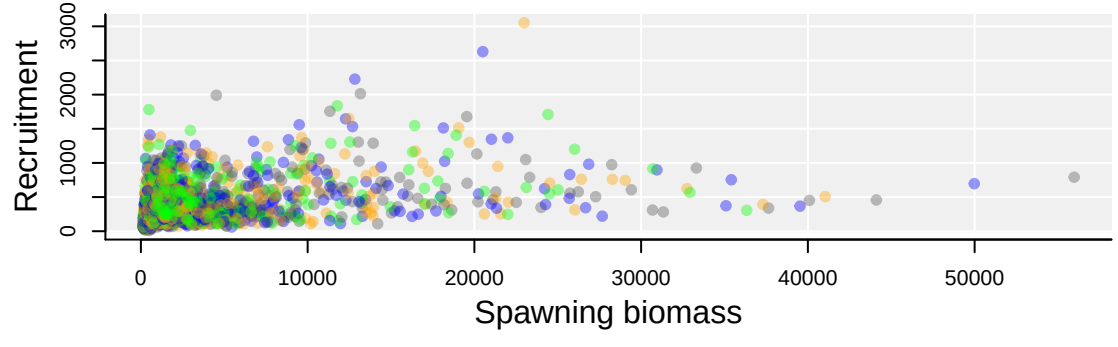

Spawning biomass
0
20000
50000
1980
1990
2000
2010
Historical year

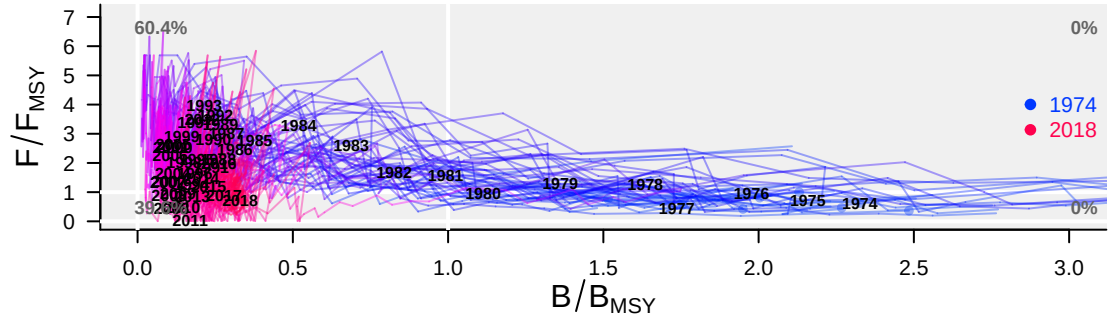

Stock depletion (SSB)
0
2
4
6
8
1980
1990
2000
2010
Historical year

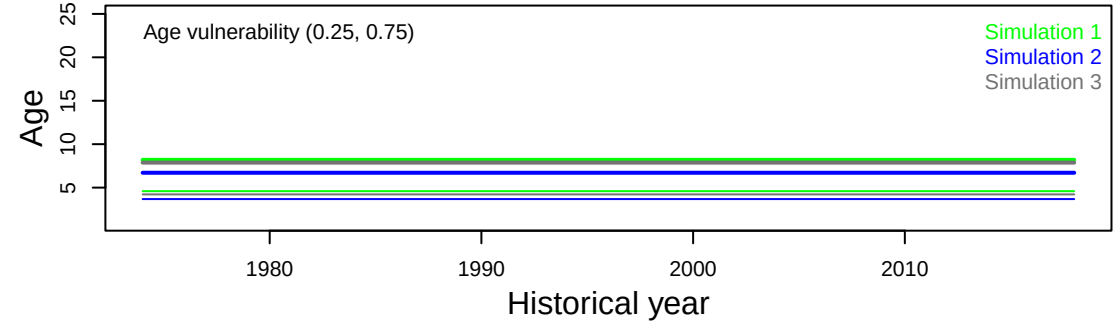

Fishing mortality rate (apical)
0
0.2
0.4
0.6
0.8
1980
1990
2000
2010
Historical year


Annual catches
0
2000
6000
1980
1990
2000
2010
Historical year


Recruitment
0
1000
2000
3000
1980
1990
2000
2010
Historical year


Recruitment
0
1000
2000
3000
0
10000
20000
30000
40000
50000
Spawning biomass


F/F_MSY
B/B_MSY
60.4%
0%
39.6%
0%
1974
2018
0.0
0.5
1.0
1.5
2.0
2.5
3.0


Age
Age vulnerability (0.25, 0.75)
Simulation 1
Simulation 2
Simulation 3
5
10
15
20
25
1980
1990
2000
2010
Historical year