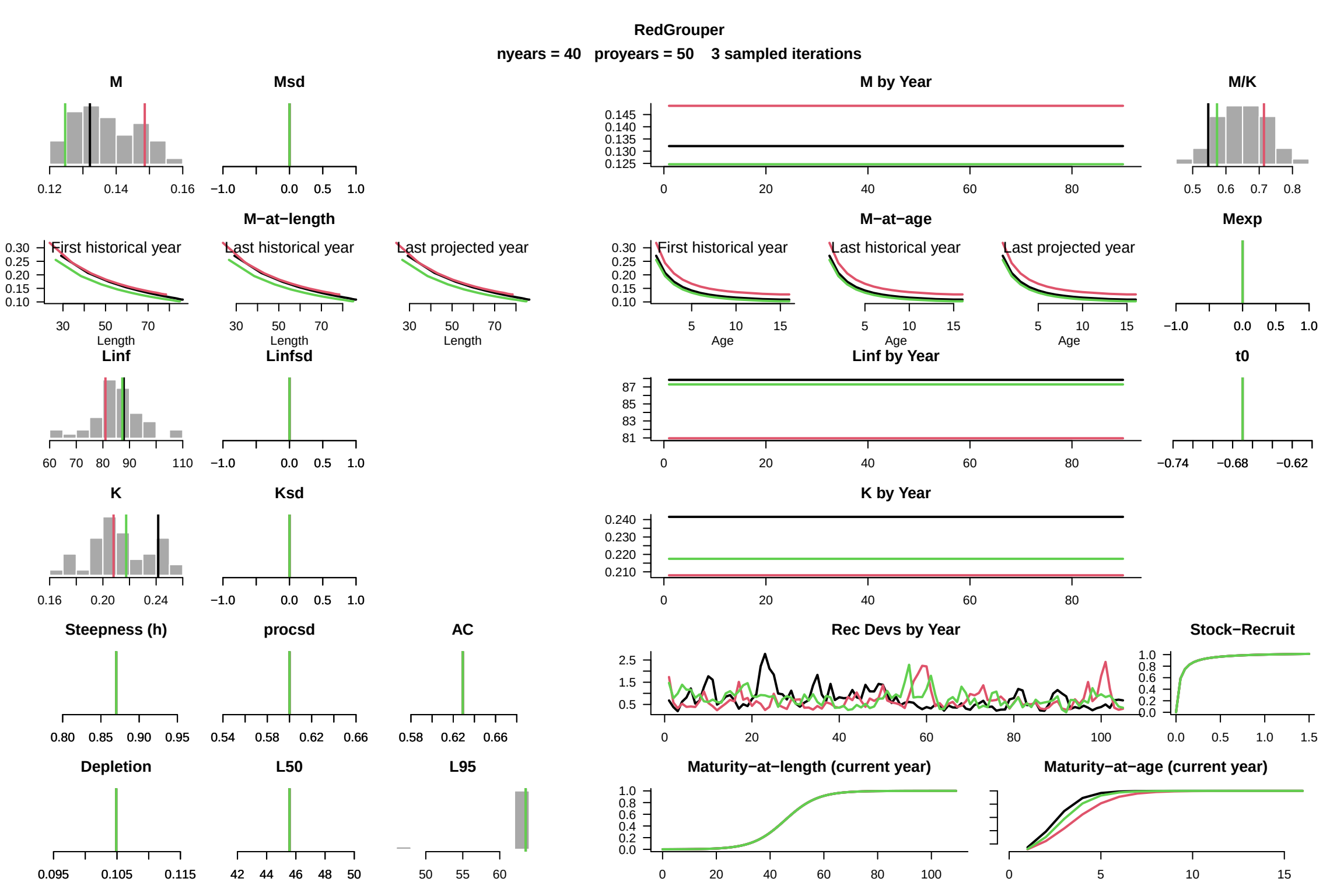
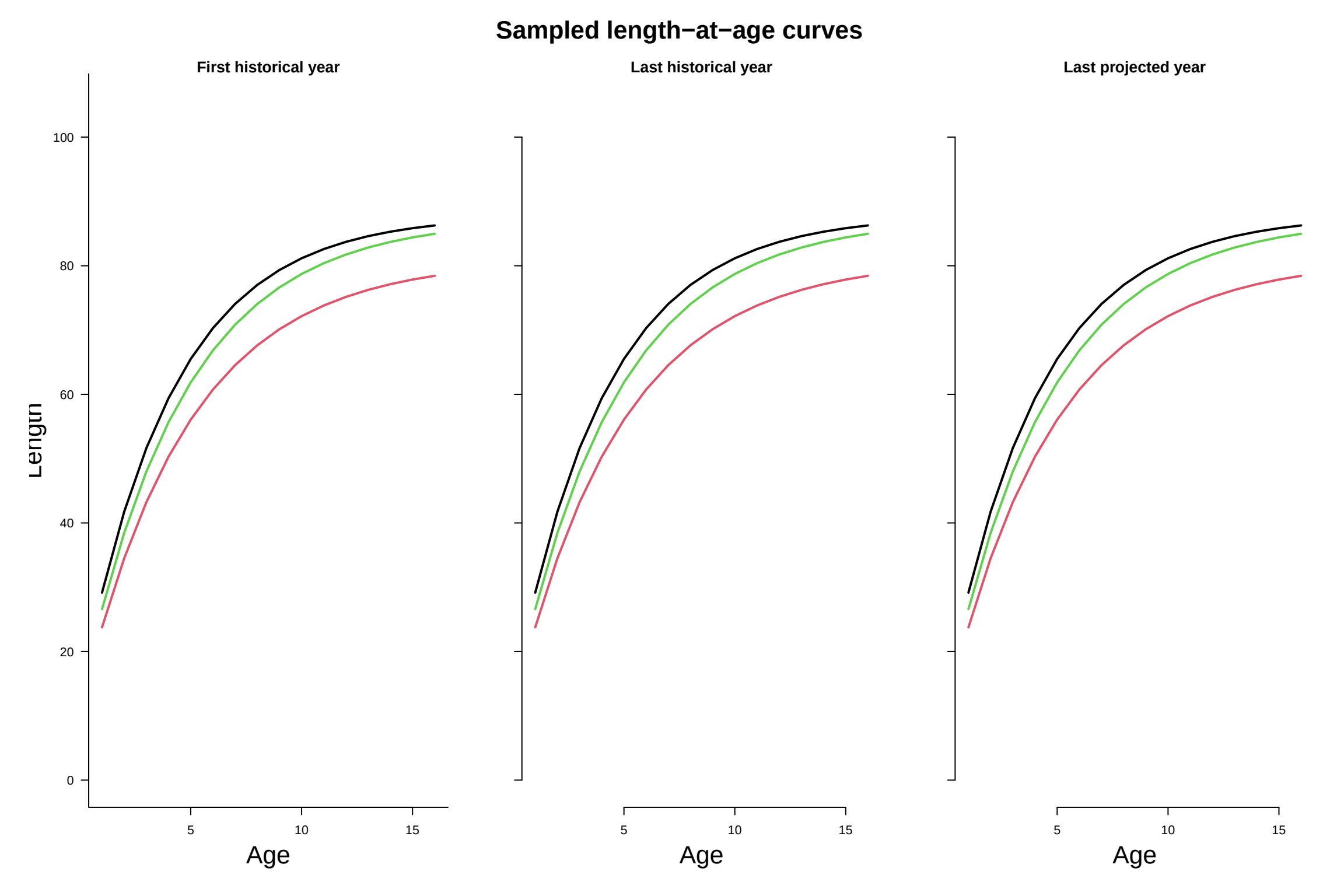
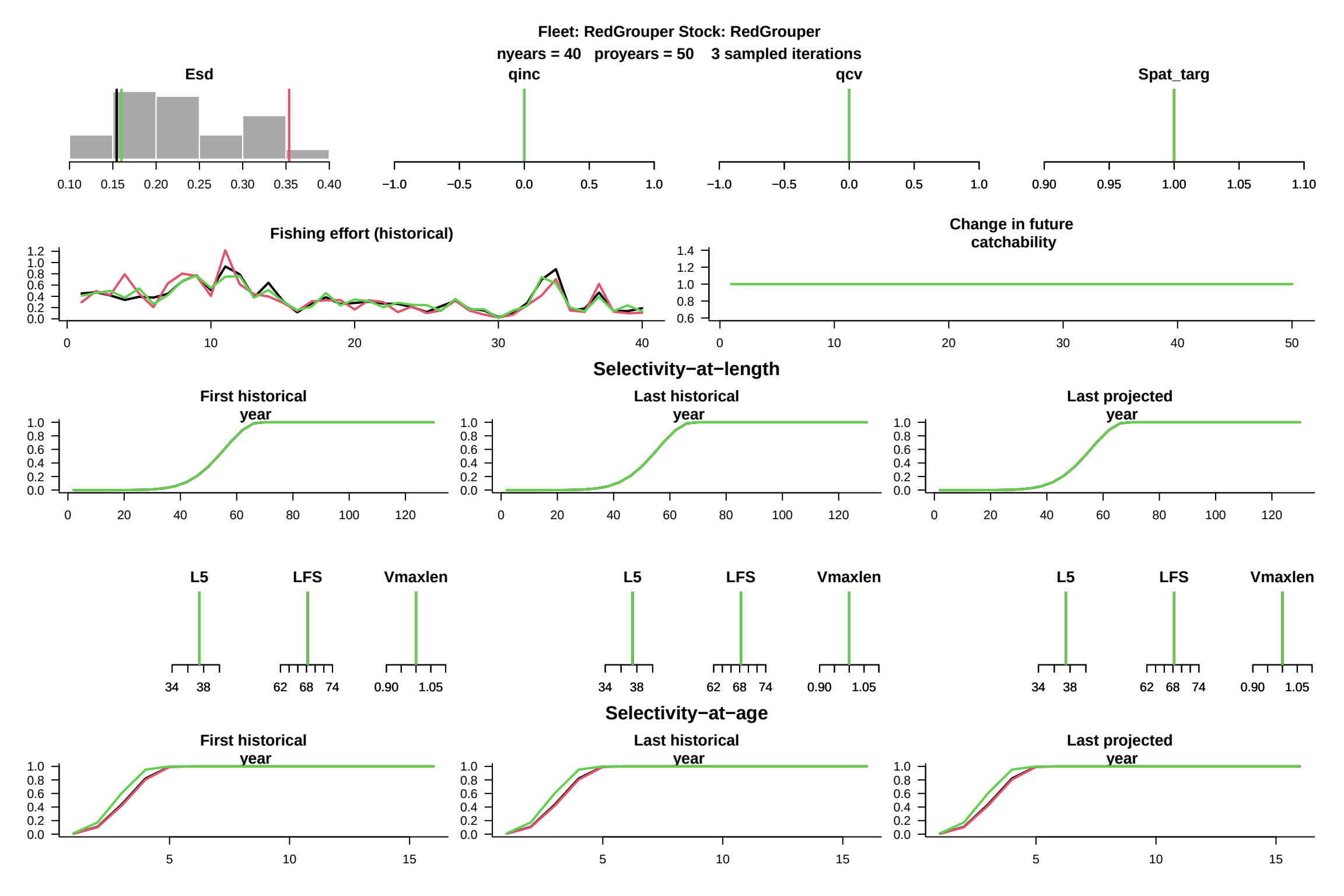
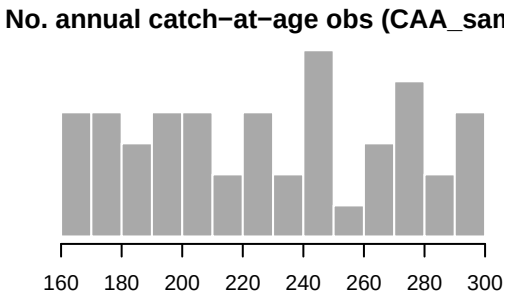
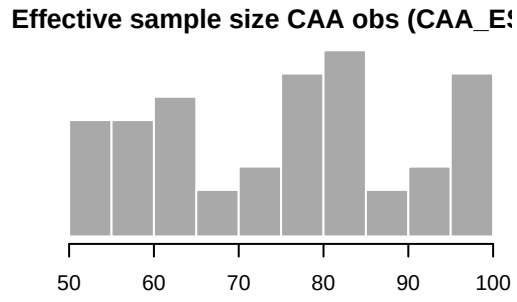

RedGrouper
nyears = 40 proyears = 50 3 sampled iterations
M
Msd
M by Year
M/K
M−at−length
First historical year
Last historical year
Last projected year
Length
M−at−age
Age
Mexp
Linf
Linfsd
Linf by Year
t0
K
Ksd
K by Year
Steepness (h)
procsd
AC
Rec Devs by Year
Stock−Recruit
Depletion
L50
L95
Maturity−at−length (current year)
Maturity−at−age (current year)

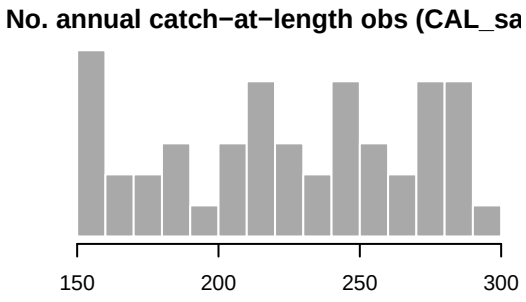

Sampled length−at−age curves
First historical year
Last historical year
Last projected year
Length
100
80
60
40
20
0
5
10
15
Age

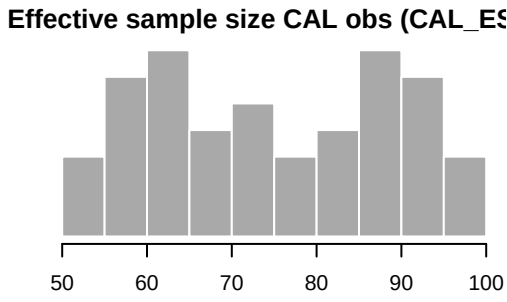

Fleet: RedGrouper Stock: RedGrouper
nyears = 40 proyears = 50 3 sampled iterations
Esd
qinc
qcv
Spat_targ
Fishing effort (historical)
Change in future catchability
Selectivity−at−length
First historical year
Last historical year
Last projected year
L5
LFS
Vmaxlen
Selectivity−at−age
First historical year
Last historical year
Last projected year

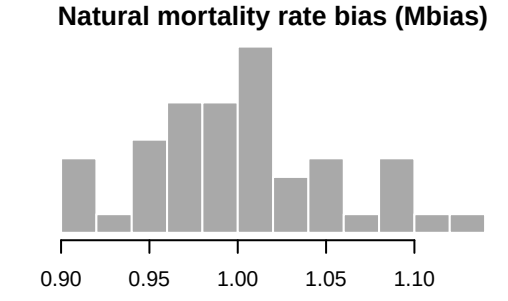
Observation biases and sample sizes for observation object RedGrouper

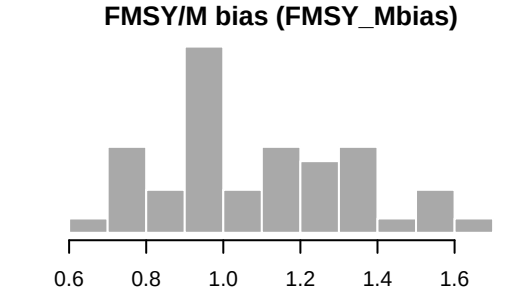


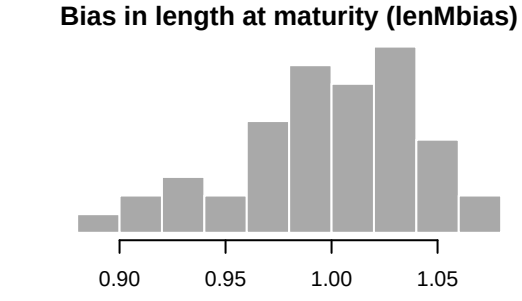


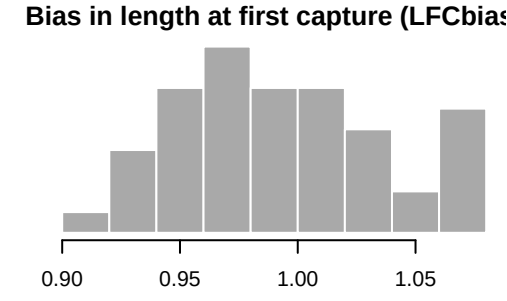


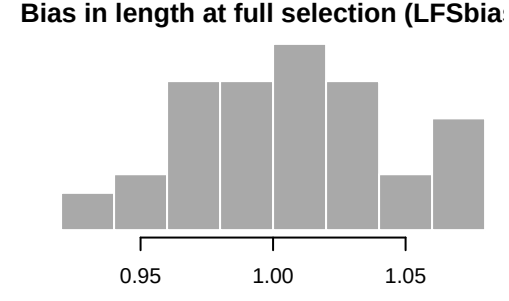


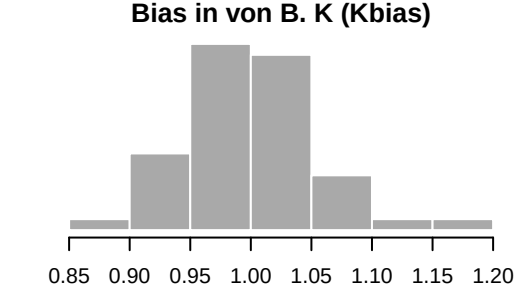


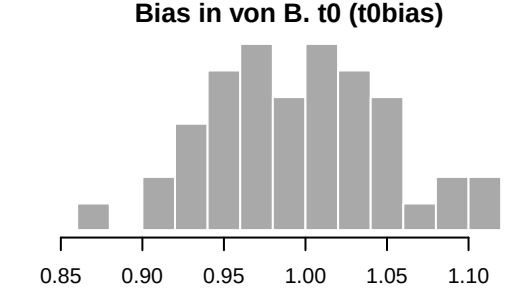


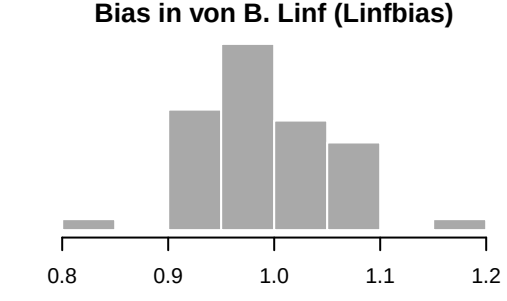


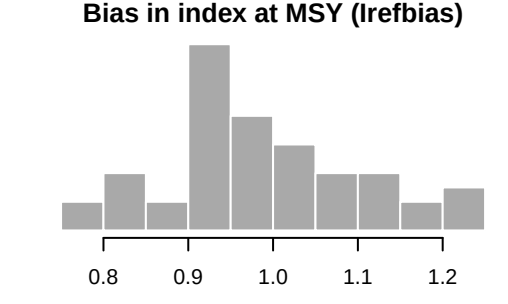


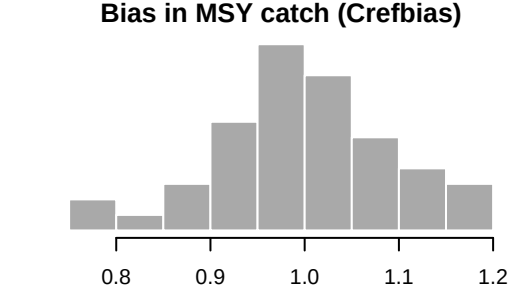


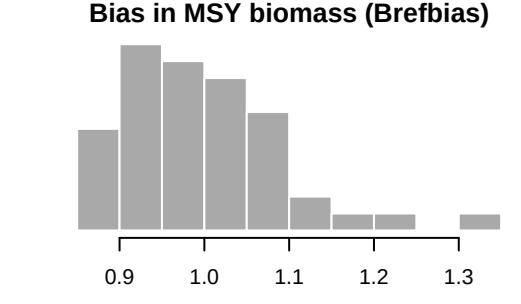


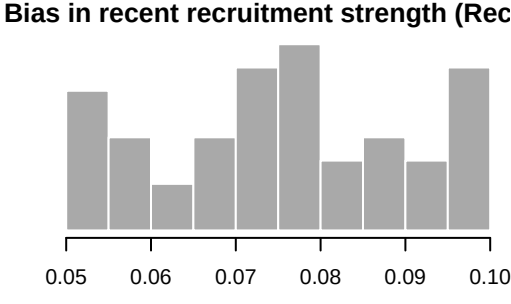




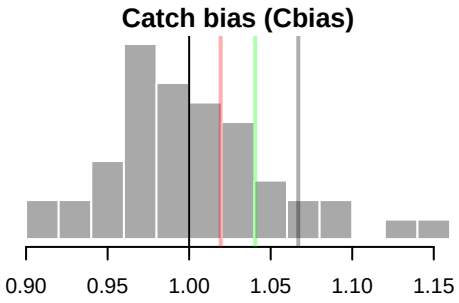


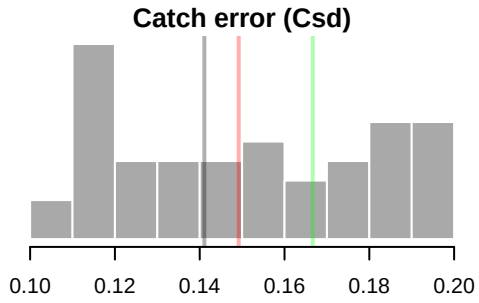


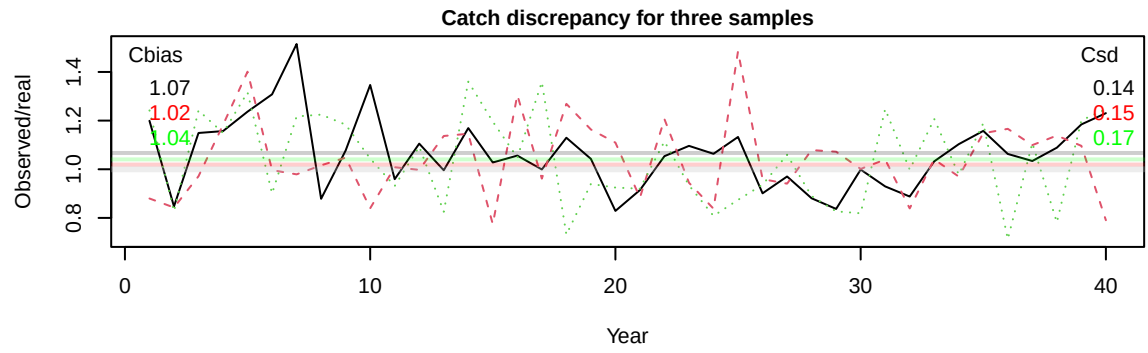


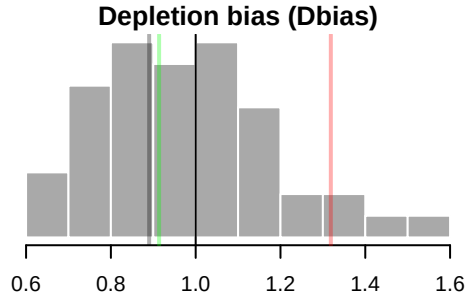


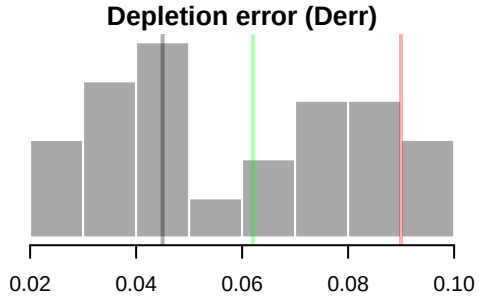
Observation time series plots for observation object RedGrouper

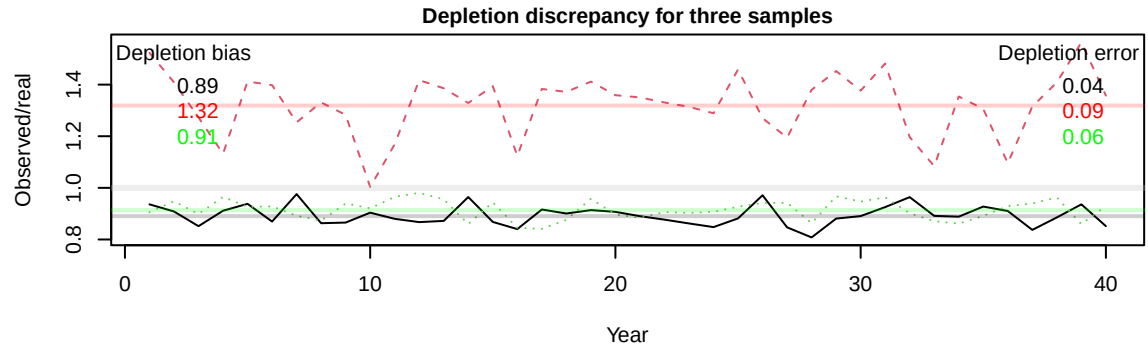


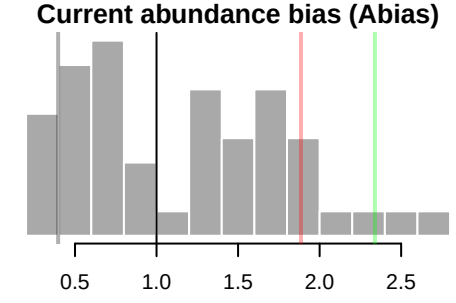


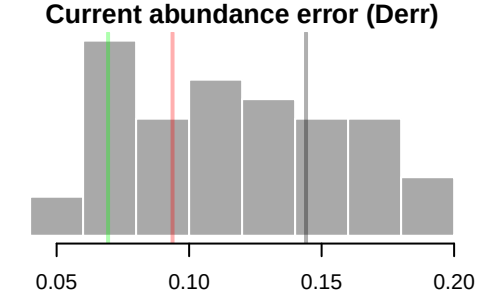


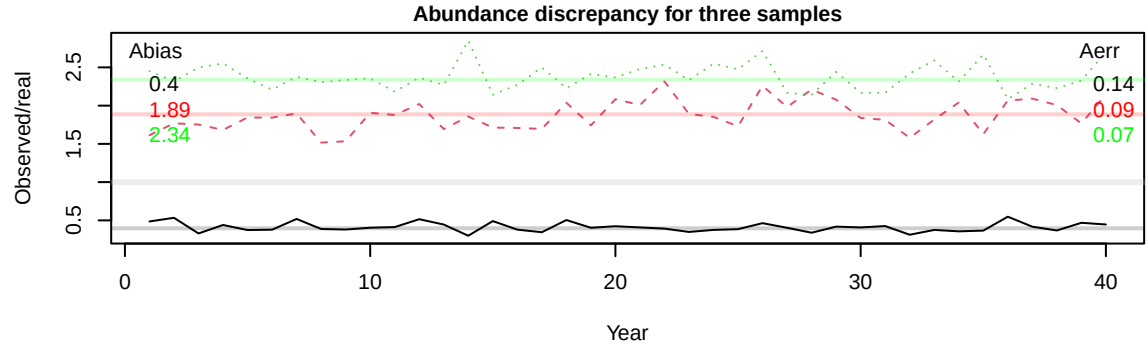


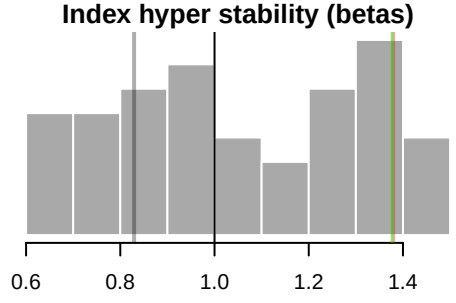


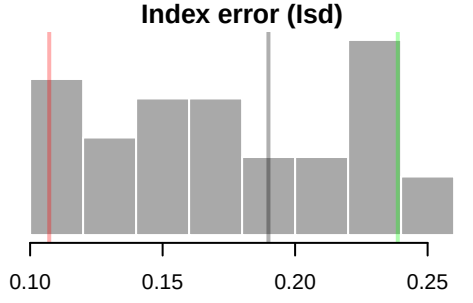


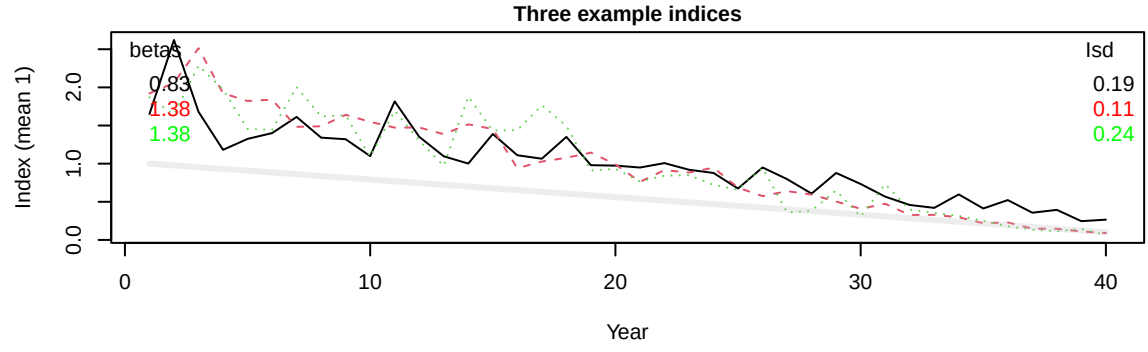




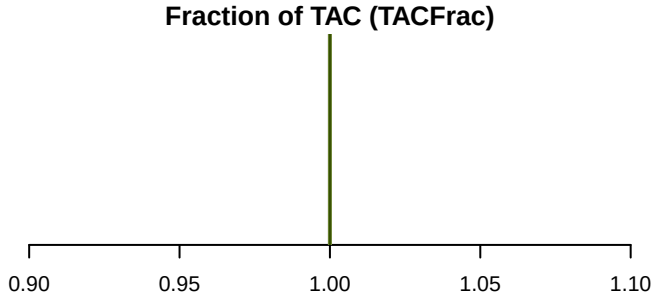


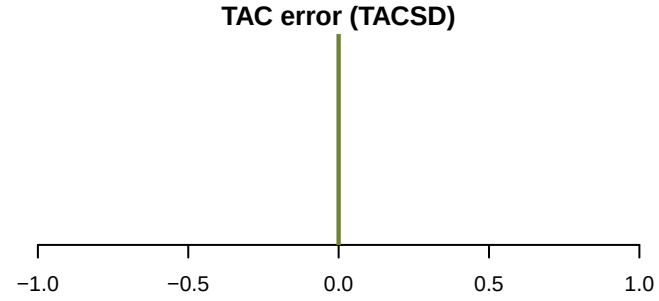


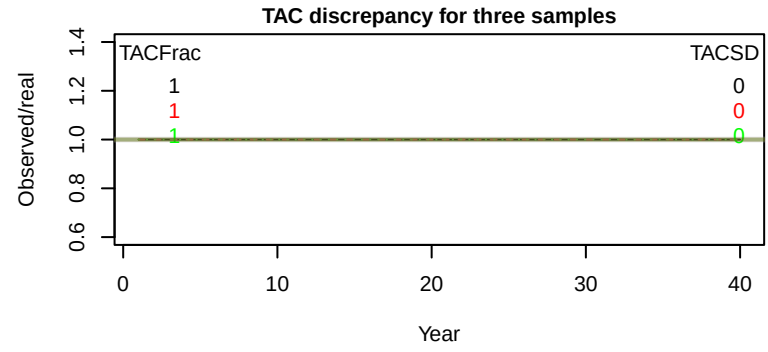


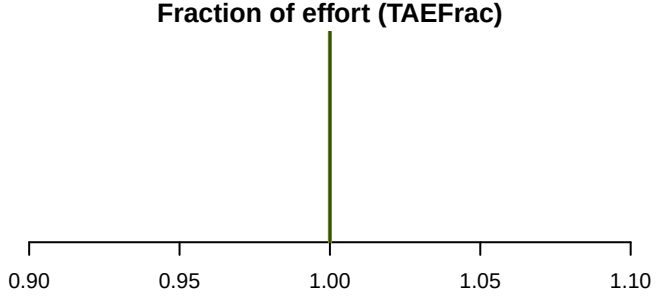


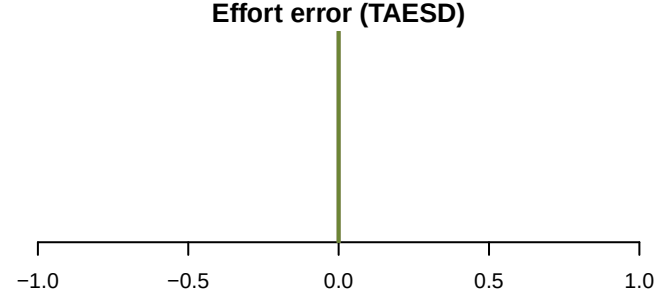
Implementation error time series plots for implementation object Perfect_Imp

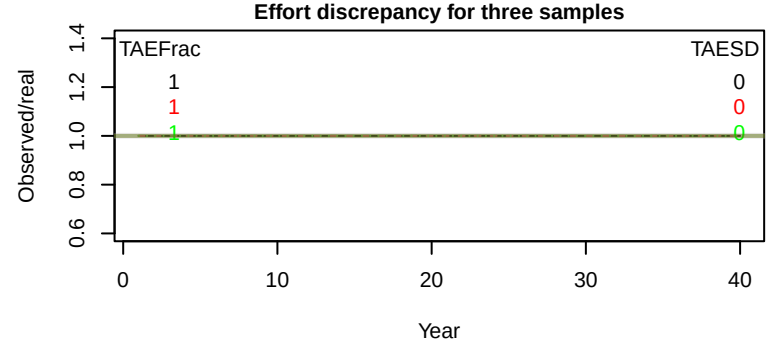


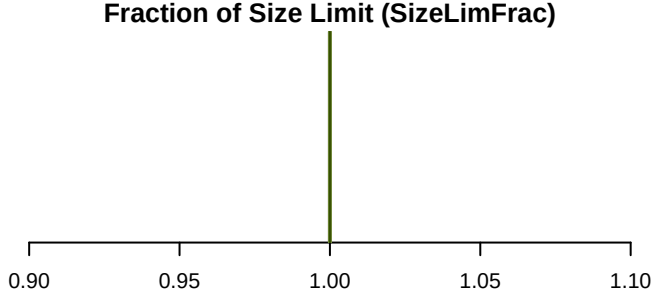


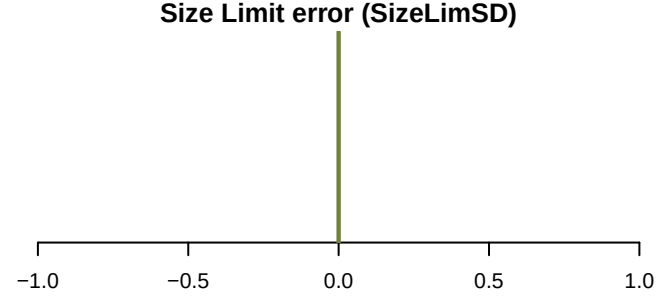


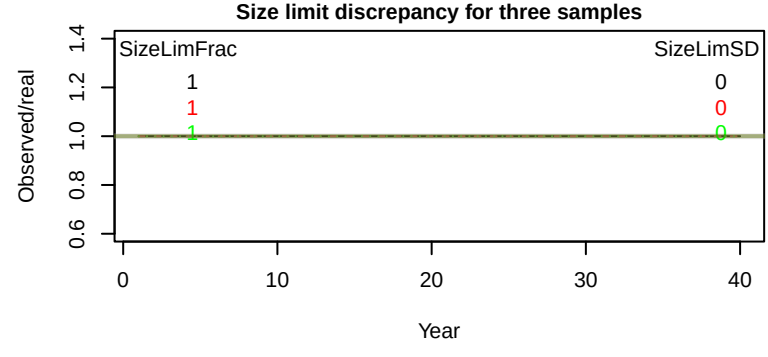


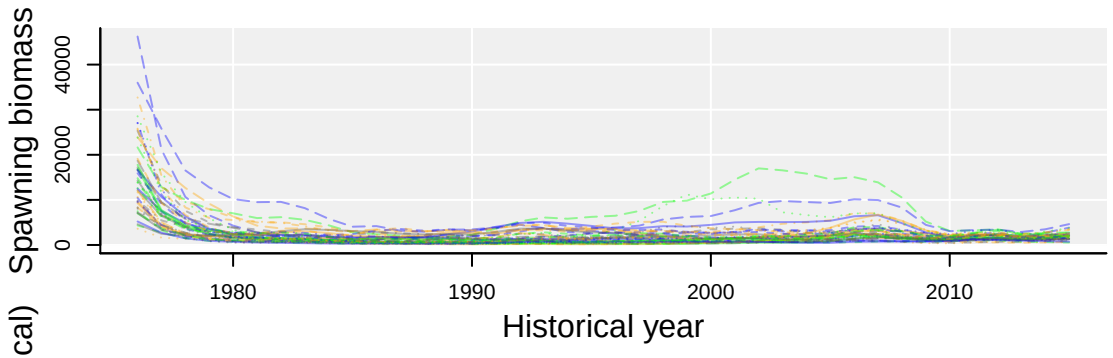


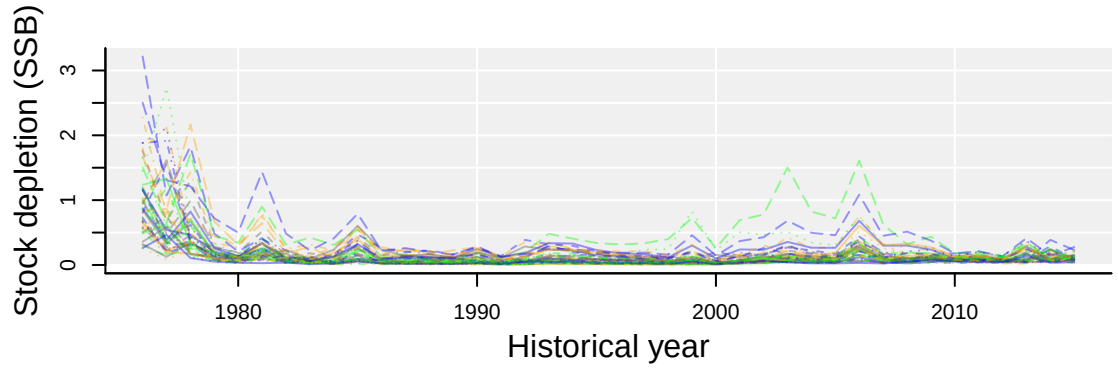


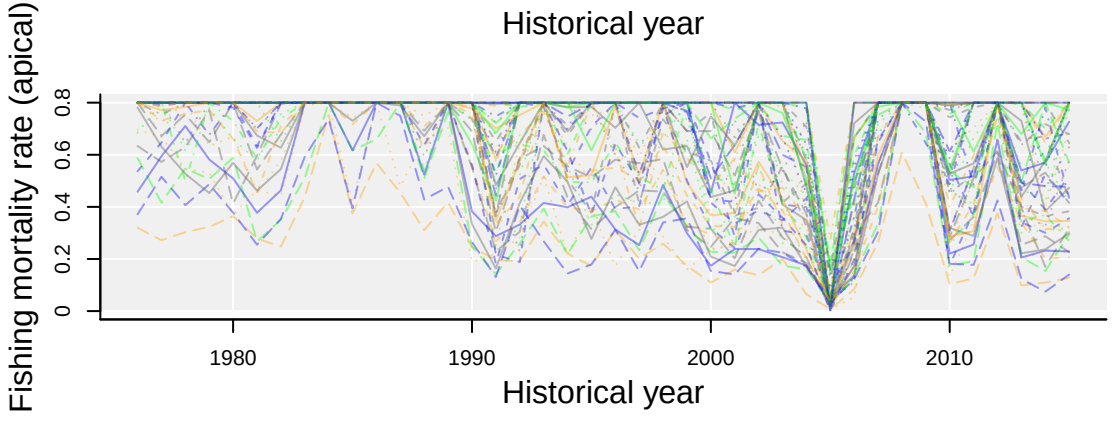


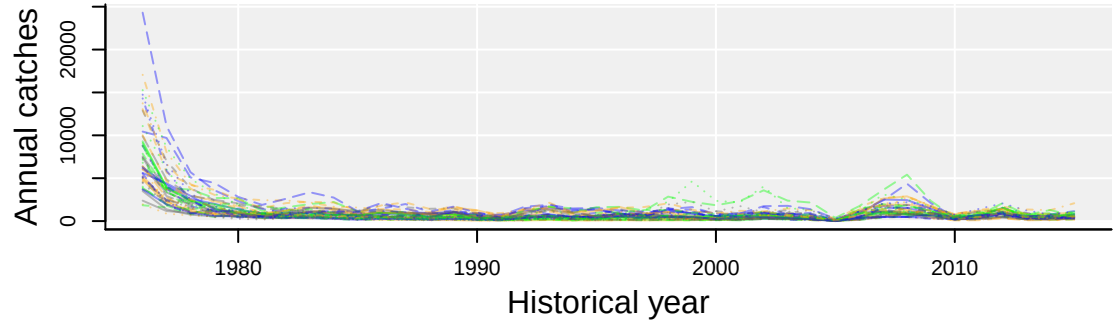


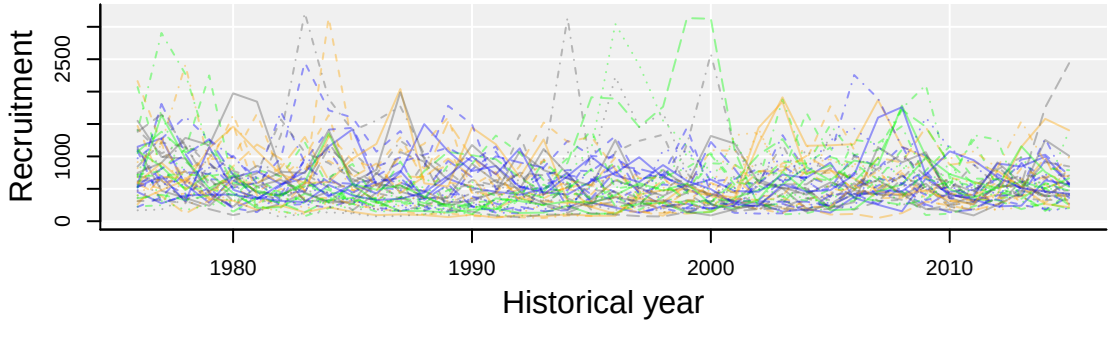


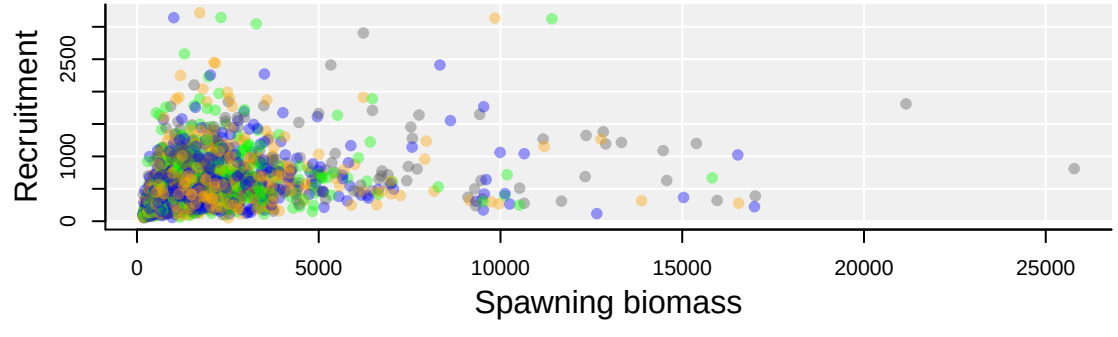

Spawning biomass
0
20000
40000
1980
1990
2000
2010
Historical year

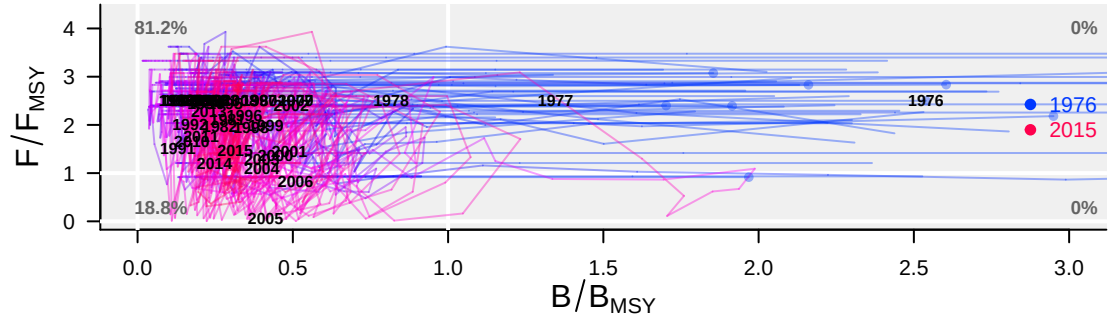

Stock depletion (SSB)
0
1
2
3
1980
1990
2000
2010
Historical year

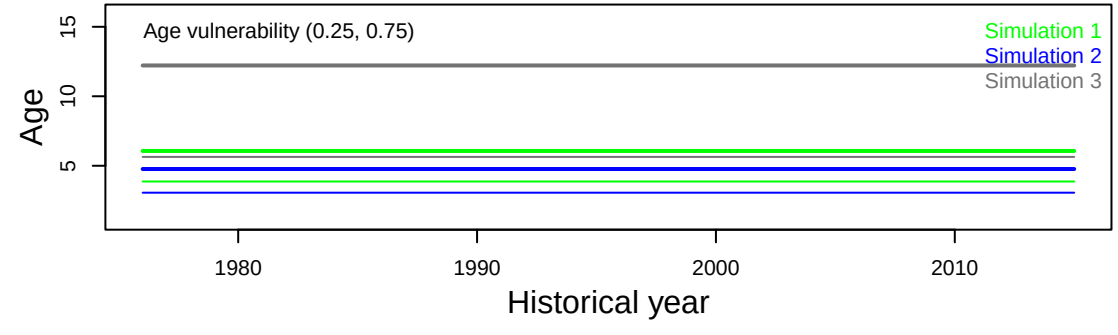

Fishing mortality rate (apical)
0
0.2
0.4
0.6
0.8
1980
1990
2000
2010
Historical year


Annual catches
0
10000
20000
1980
1990
2000
2010
Historical year


Recruitment
0
1000
2500
1980
1990
2000
2010
Historical year


Recruitment
0
1000
2500
0
5000
10000
15000
20000
25000
Spawning biomass


81.2%
0%
18.8%
0%
1978
1977
1976
1976
2015
0.0
0.5
1.0
1.5
2.0
2.5
3.0
B/B_MSY


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