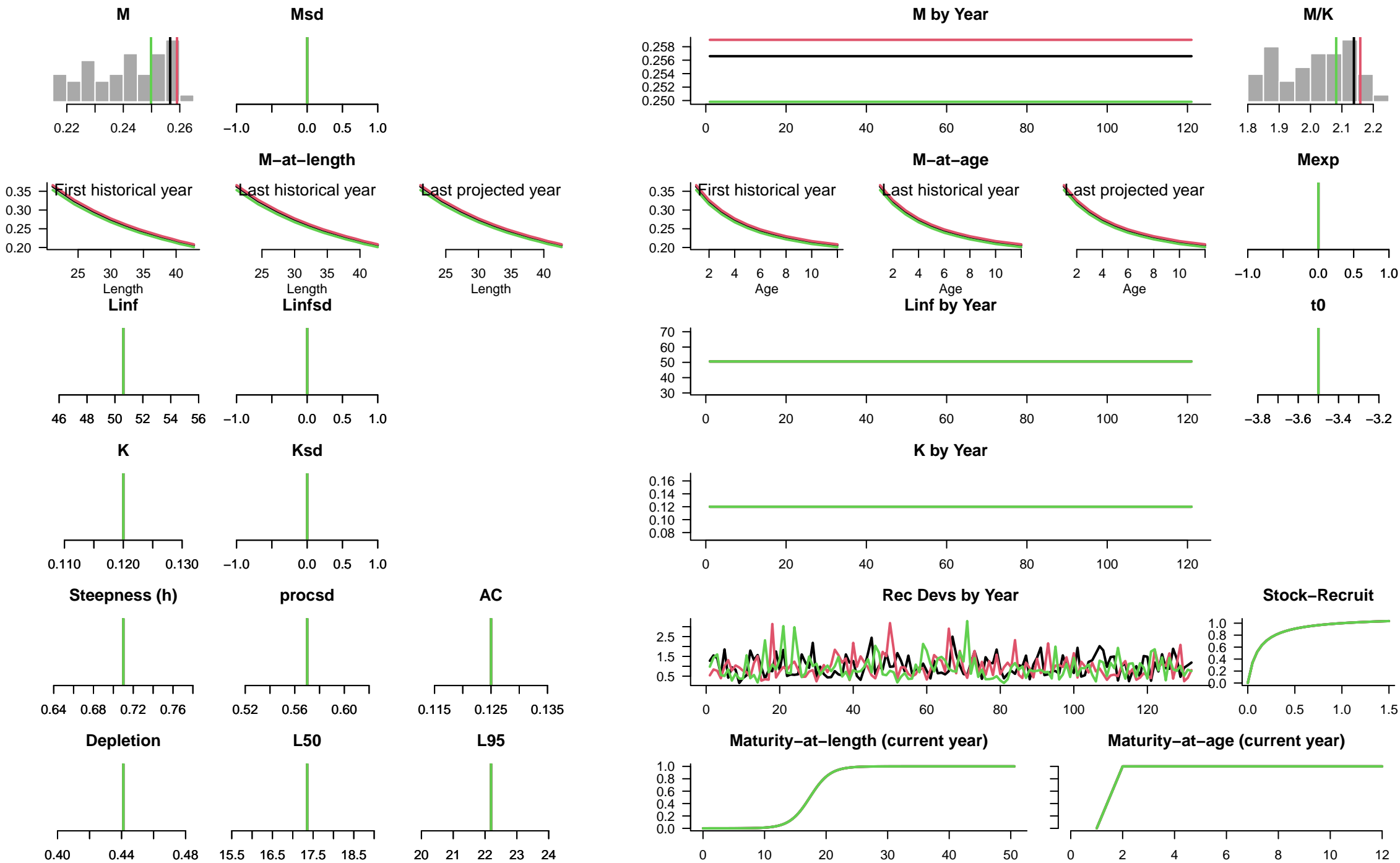
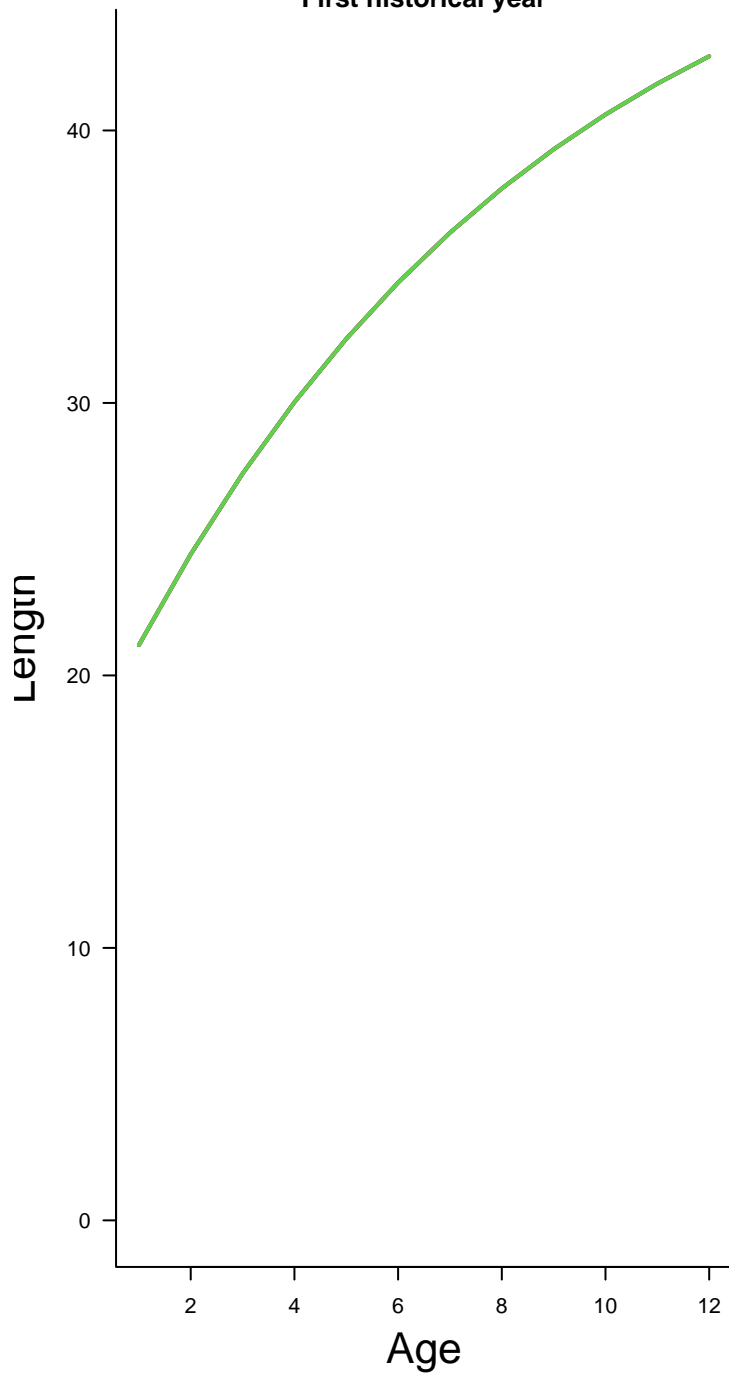


VermilionSnapper  
nyears = 71   proyears = 50   3 sampled iterations

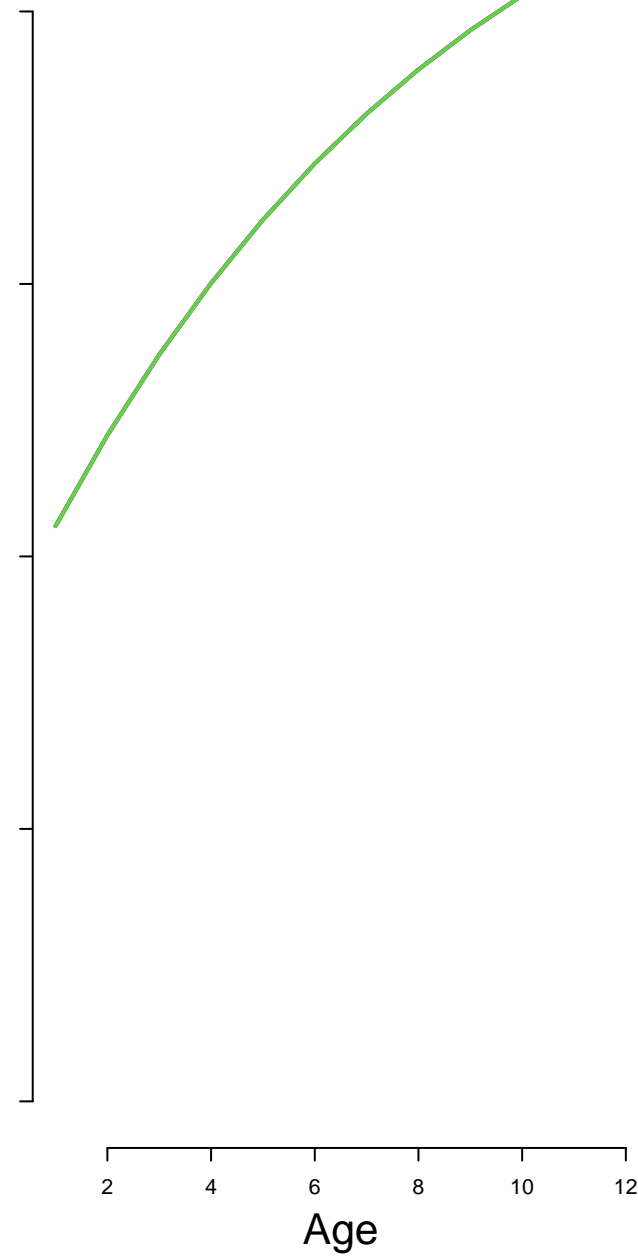


# Sampled length-at-age curves

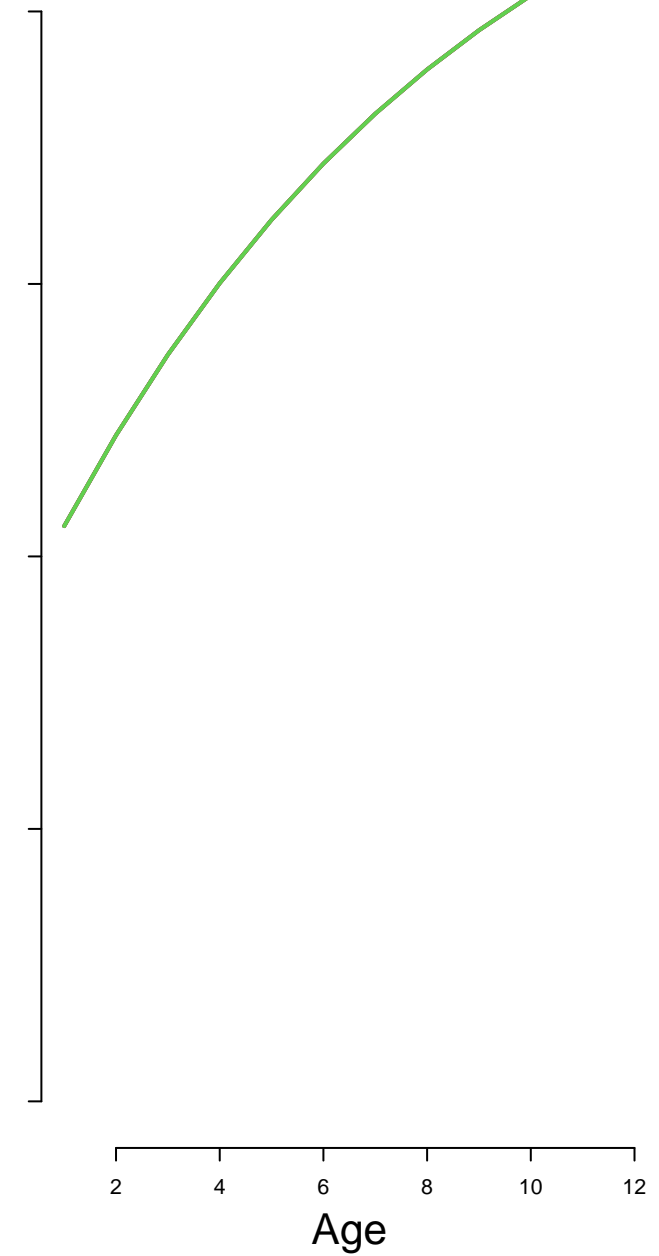
First historical year



Last historical year



Last projected year



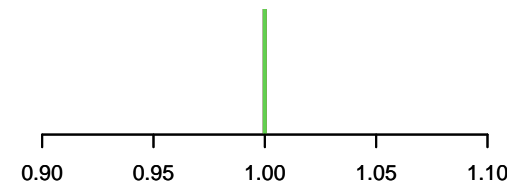
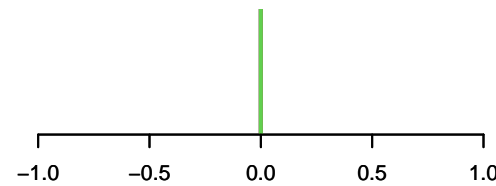
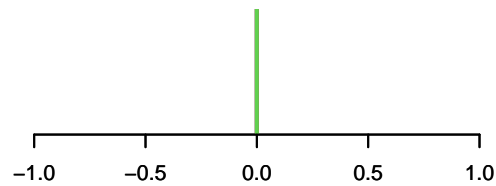
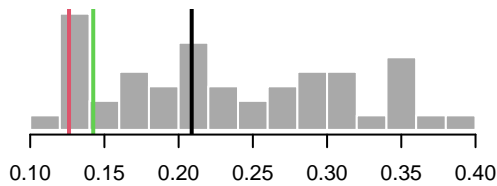
Fleet: VermilionSnapper Stock: VermilionSnapper  
nyears = 71 proyears = 50 3 sampled iterations

Esd

qinc

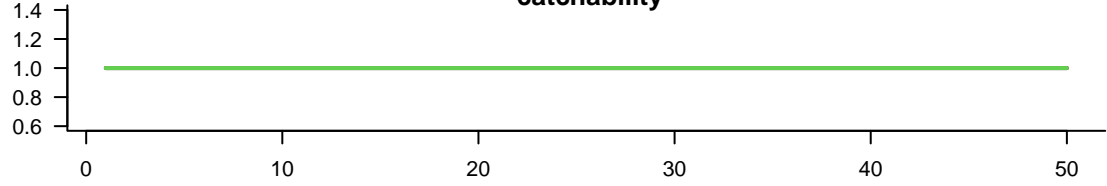
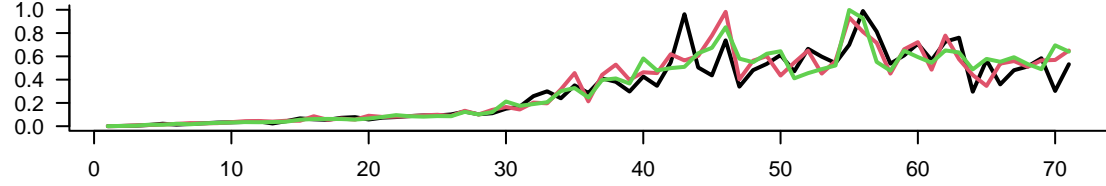
qcv

Spat\_targ



Fishing effort (historical)

Change in future catchability

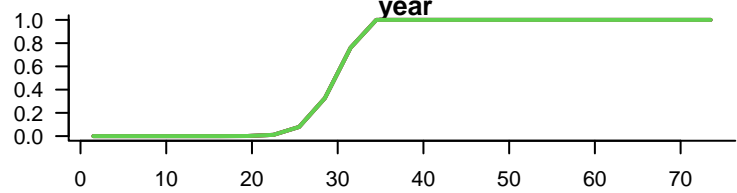
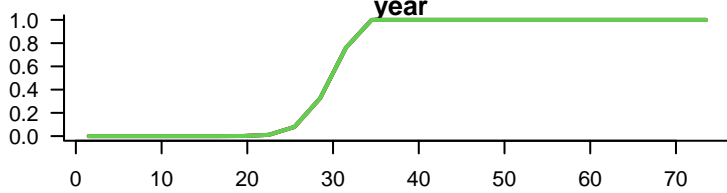
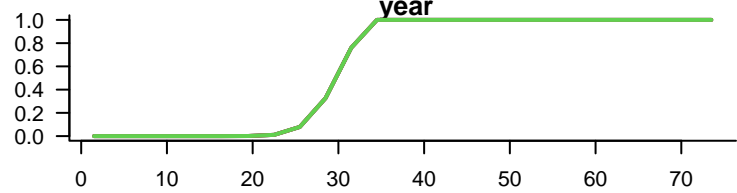


Selectivity-at-length

First historical year

Last historical year

Last projected year



L5

LFS

Vmaxlen

L5

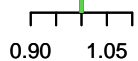
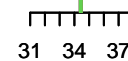
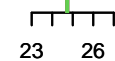
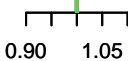
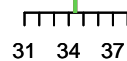
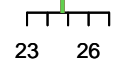
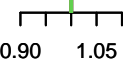
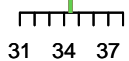
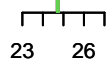
LFS

Vmaxlen

L5

LFS

Vmaxlen

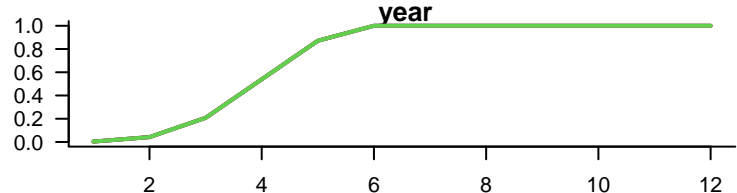
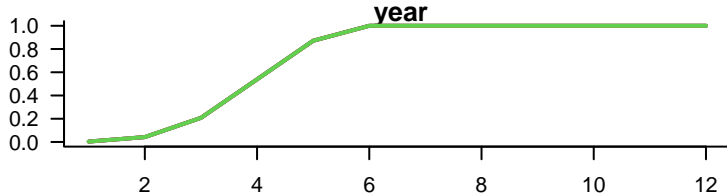
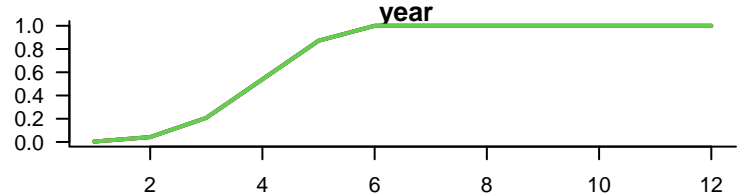


Selectivity-at-age

First historical year

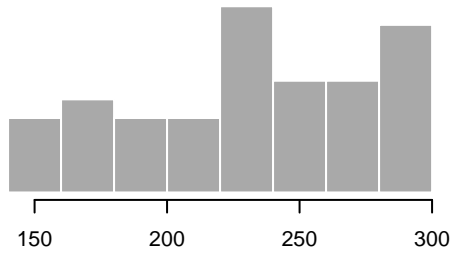
Last historical year

Last projected year

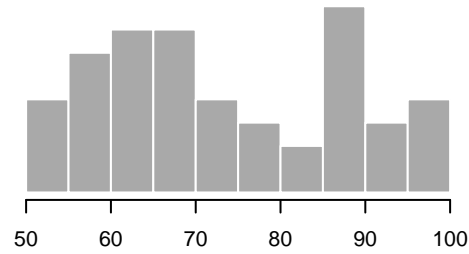


# Observation biases and sample sizes for observation object VermilionSnapper

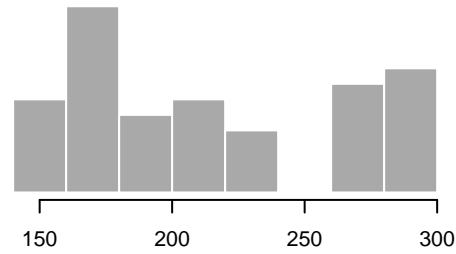
No. annual catch-at-age obs (CAA\_san



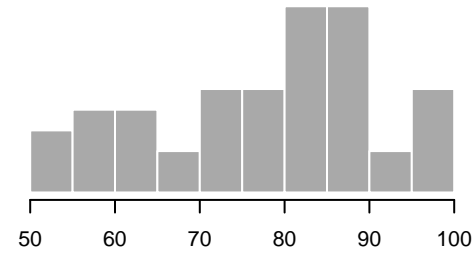
Effective sample size CAA obs (CAA\_Es



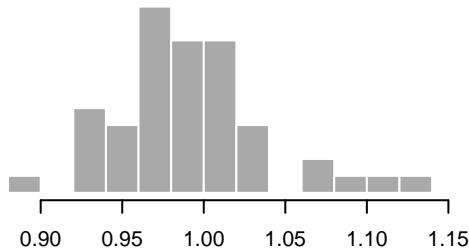
No. annual catch-at-length obs (CAL\_sa



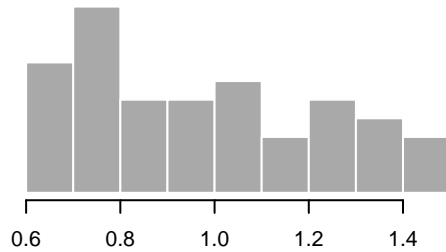
Effective sample size CAL obs (CAL\_Es



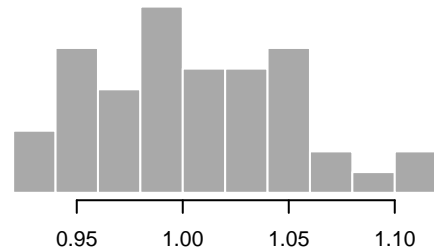
Natural mortality rate bias (Mbias)



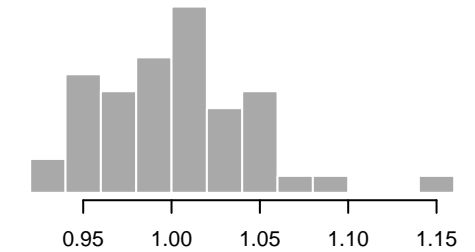
FMSY/M bias (FMSY\_Mbias)



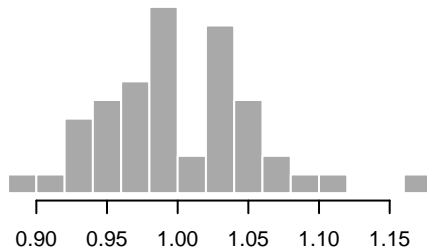
Bias in length at maturity (lenMbias)



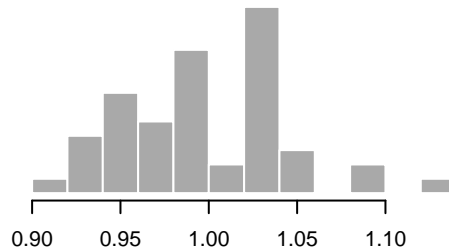
Bias in length at first capture (LFCbias)



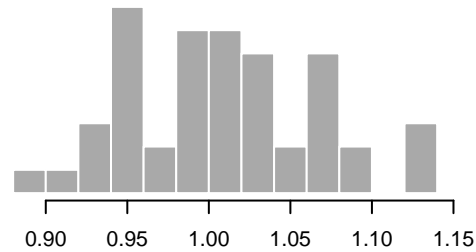
Bias in length at full selection (LFSbia



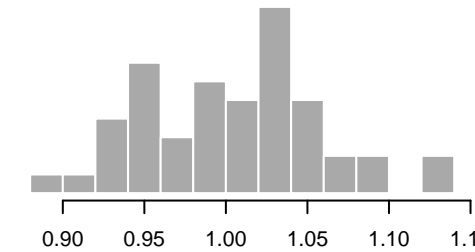
Bias in von B. K (Kbias)



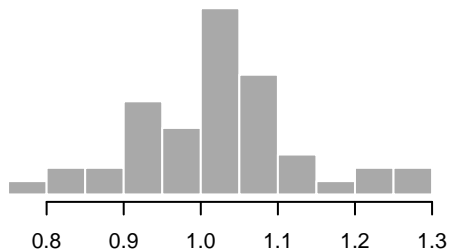
Bias in von B. t0 (t0bias)



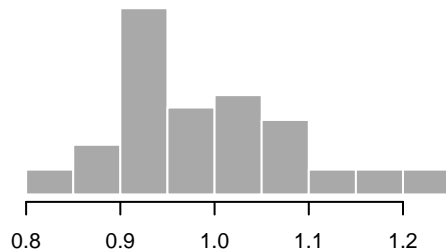
Bias in von B. Linf (Linfbias)



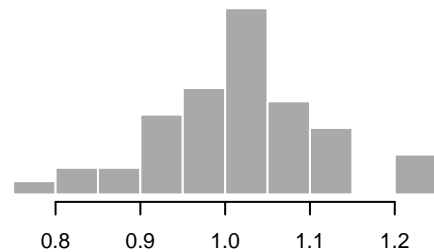
Bias in index at MSY (Irefbias)



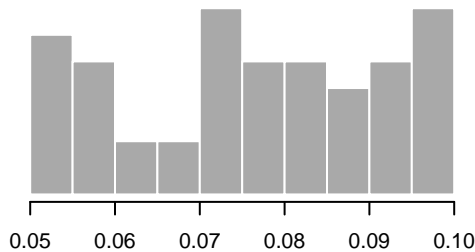
Bias in MSY catch (Crefbias)



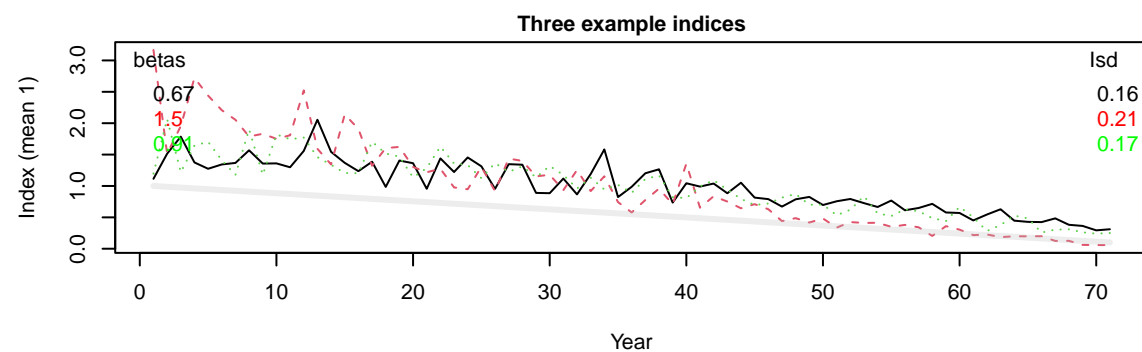
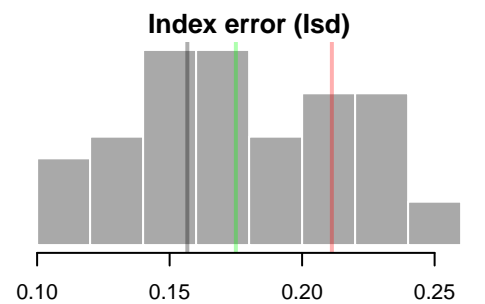
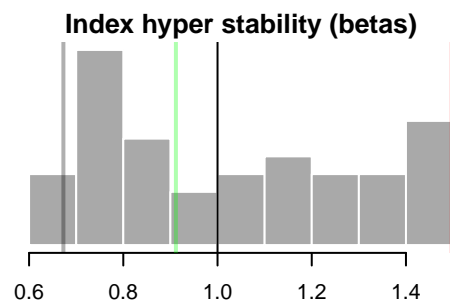
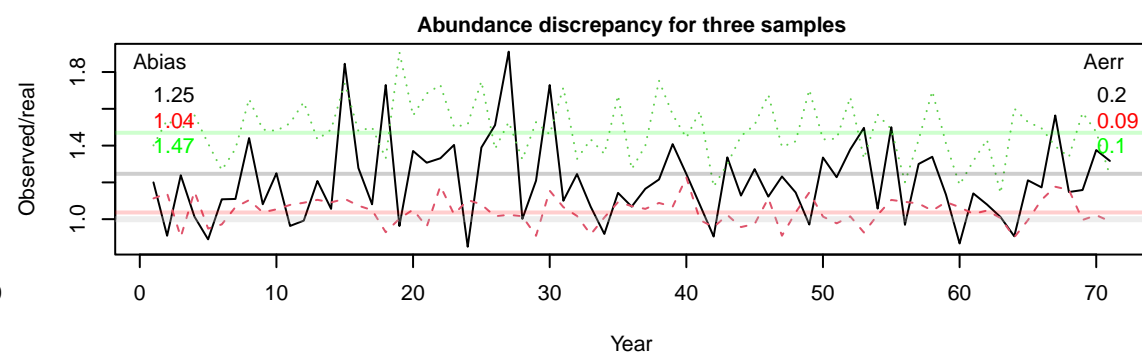
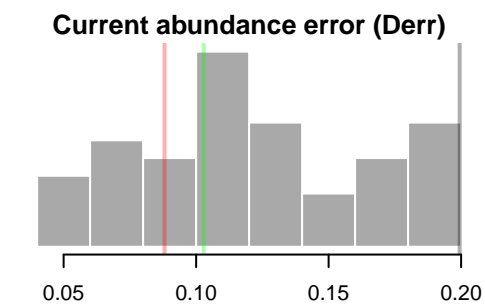
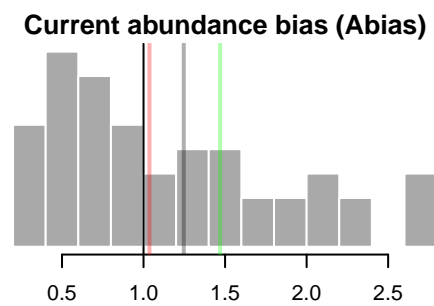
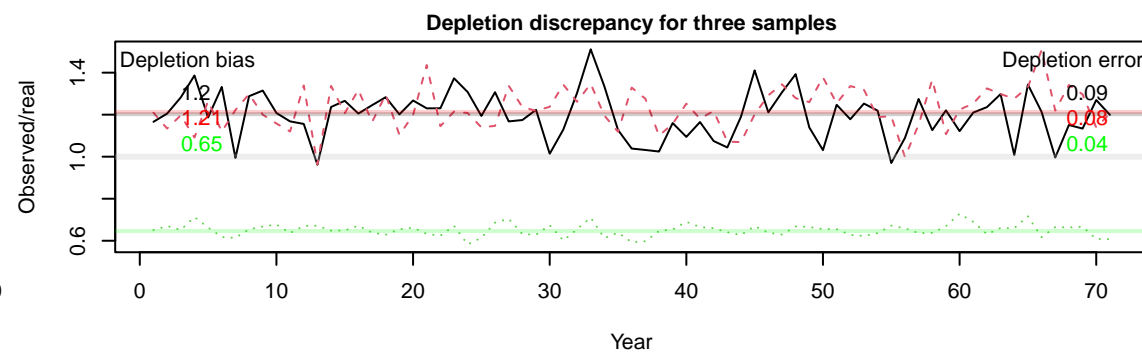
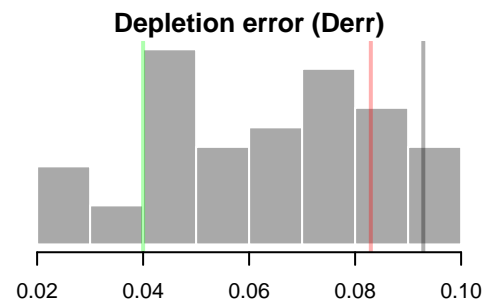
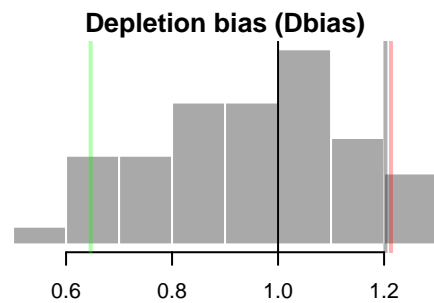
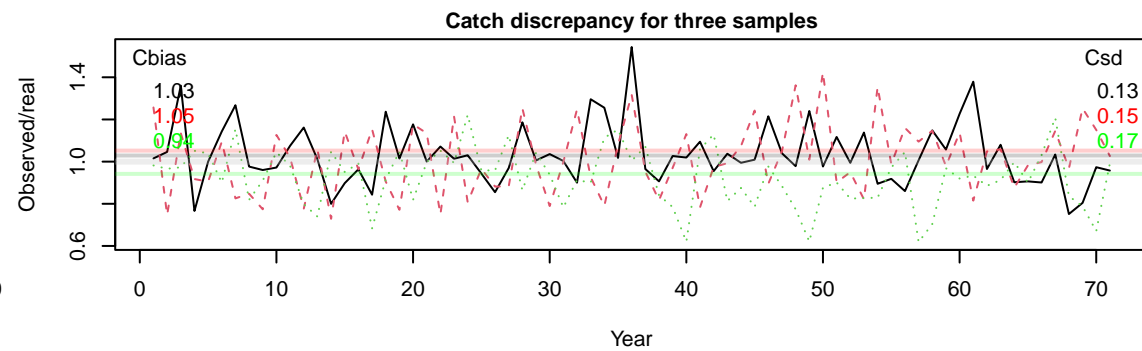
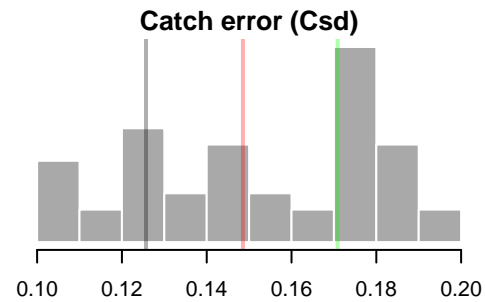
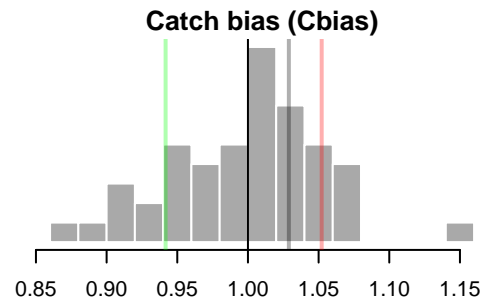
Bias in MSY biomass (Brefbias)



Bias in recent recruitment strength (Rec

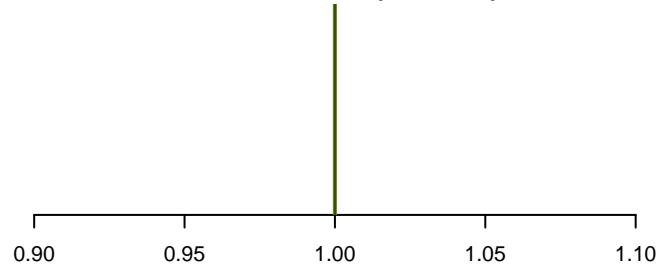


# Observation time series plots for observation object VermilionSnapper

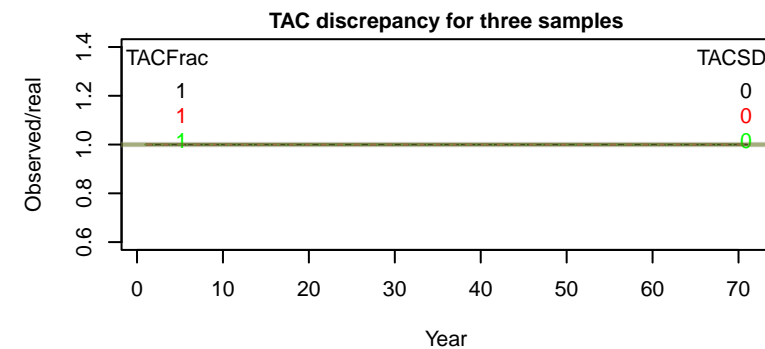
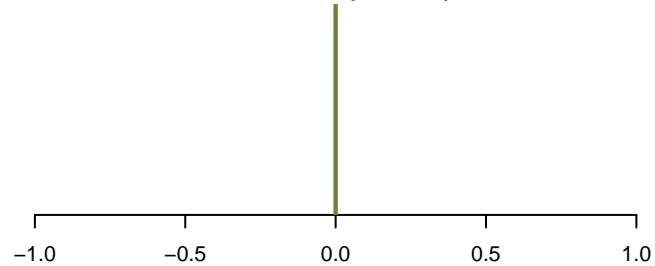


# Implementation error time series plots for implementation object Perfect\_Imp

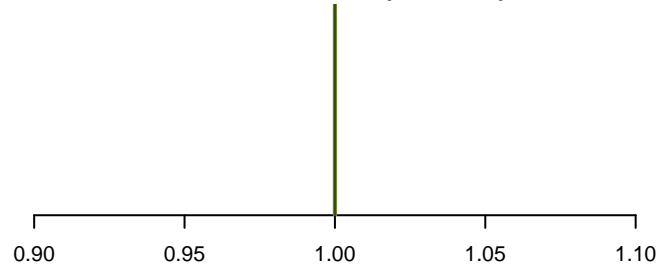
## Fraction of TAC (TACFrac)



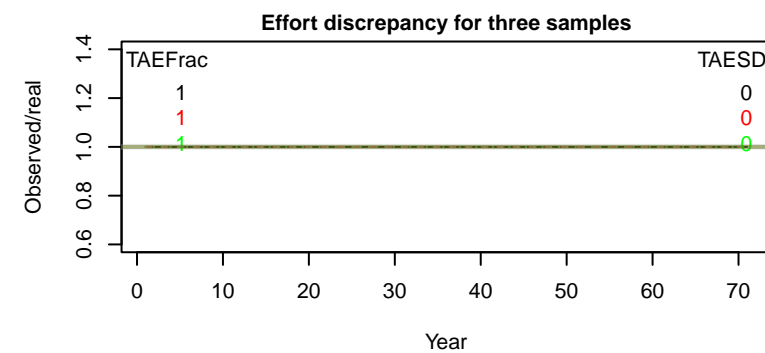
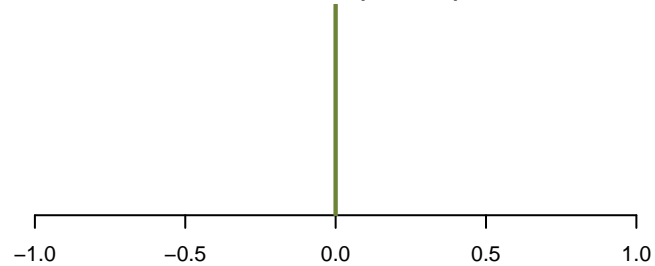
## TAC error (TACSD)



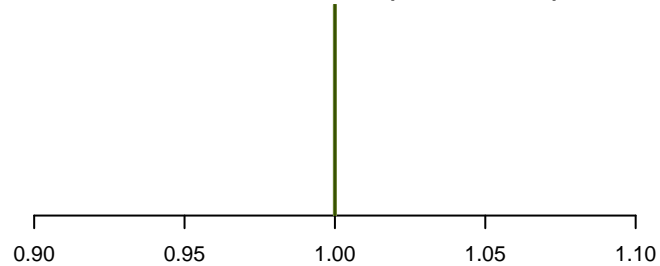
## Fraction of effort (TAEFrac)



## Effort error (TAESD)



## Fraction of Size Limit (SizeLimFrac)



## Size Limit error (SizeLimSD)

