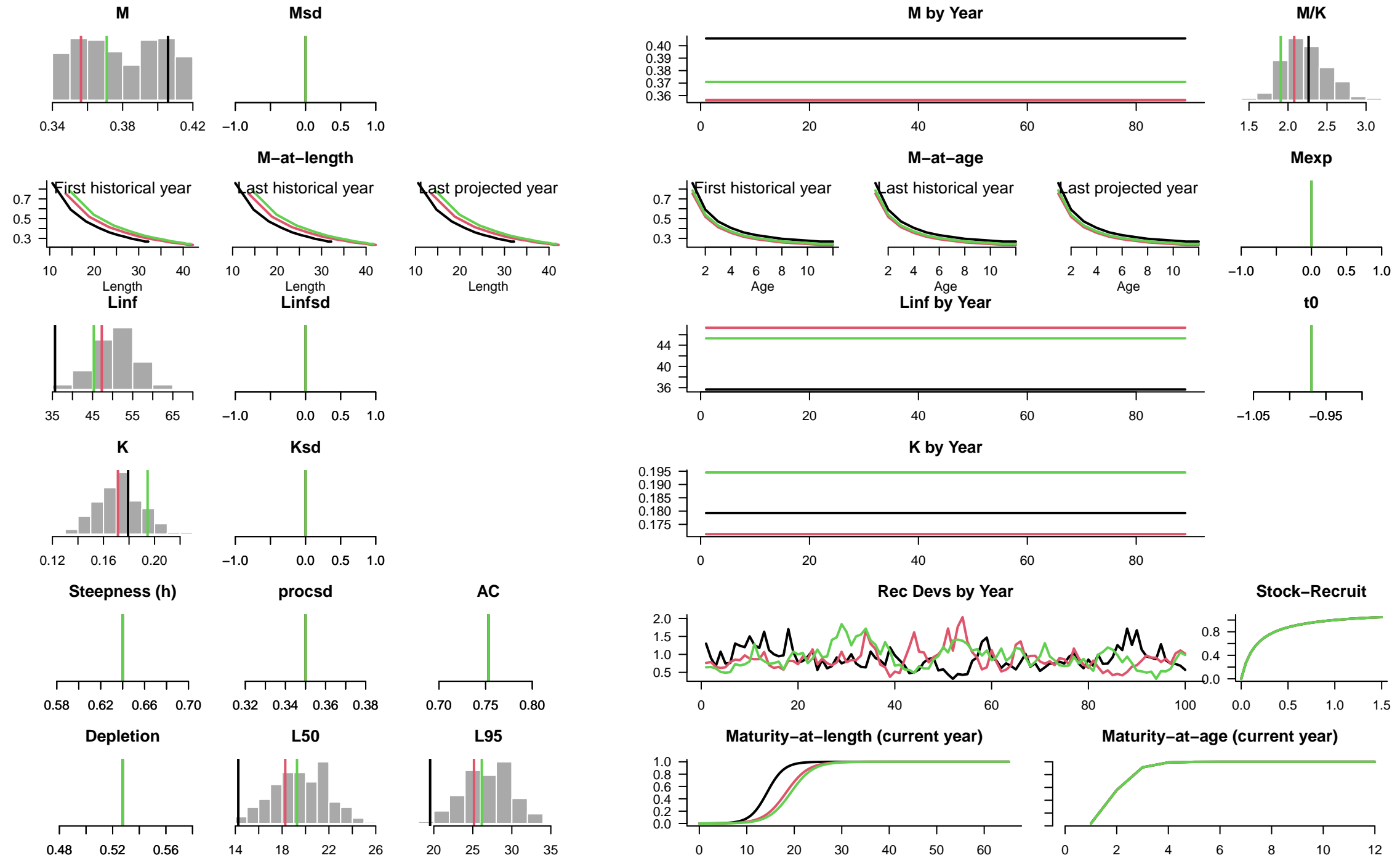


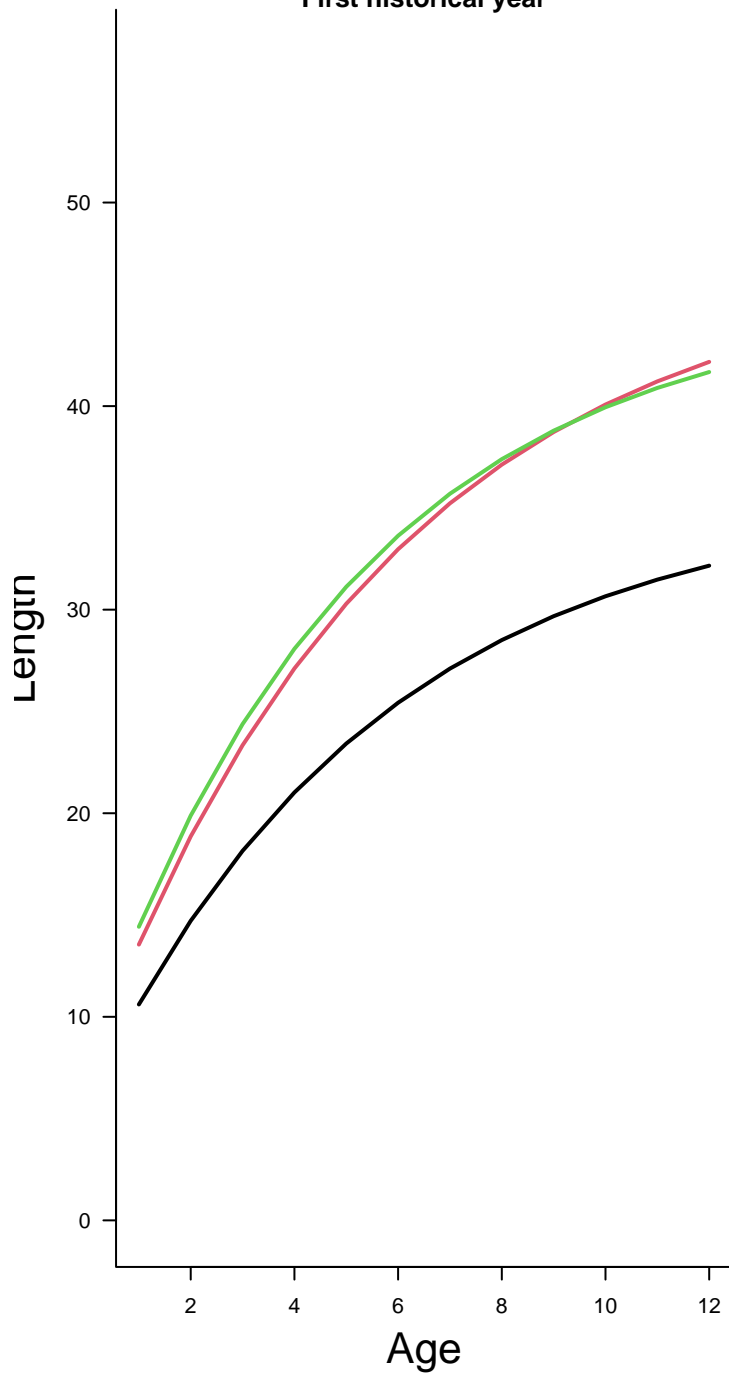
BlackSeaBass

nyears = 39 proyears = 50 3 sampled iterations

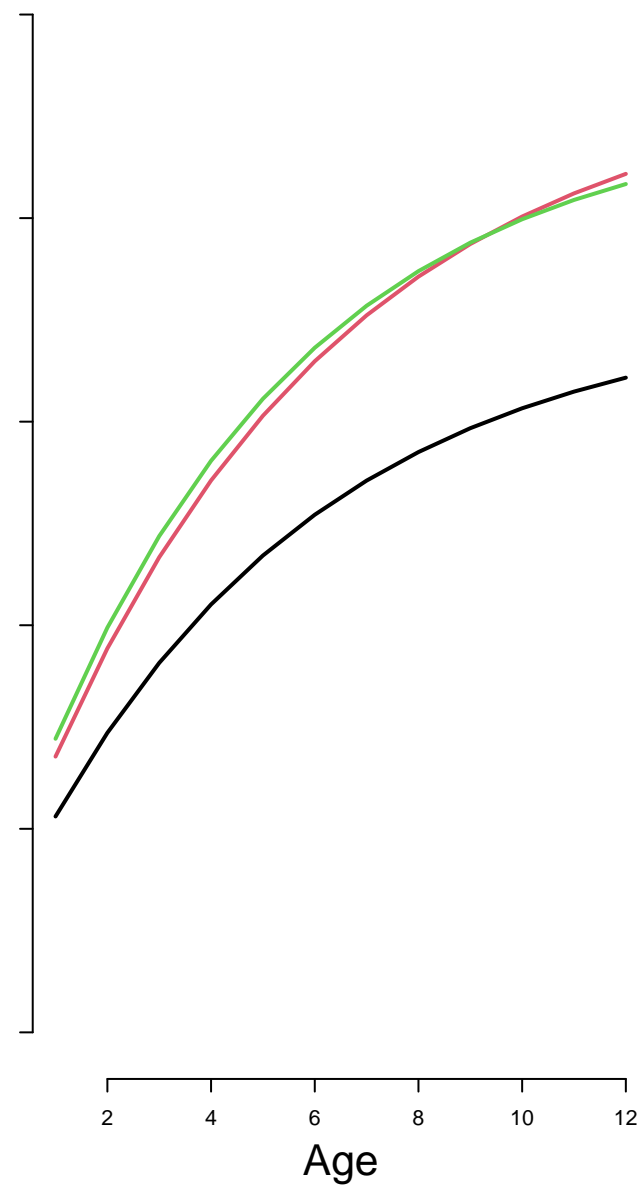


Sampled length-at-age curves

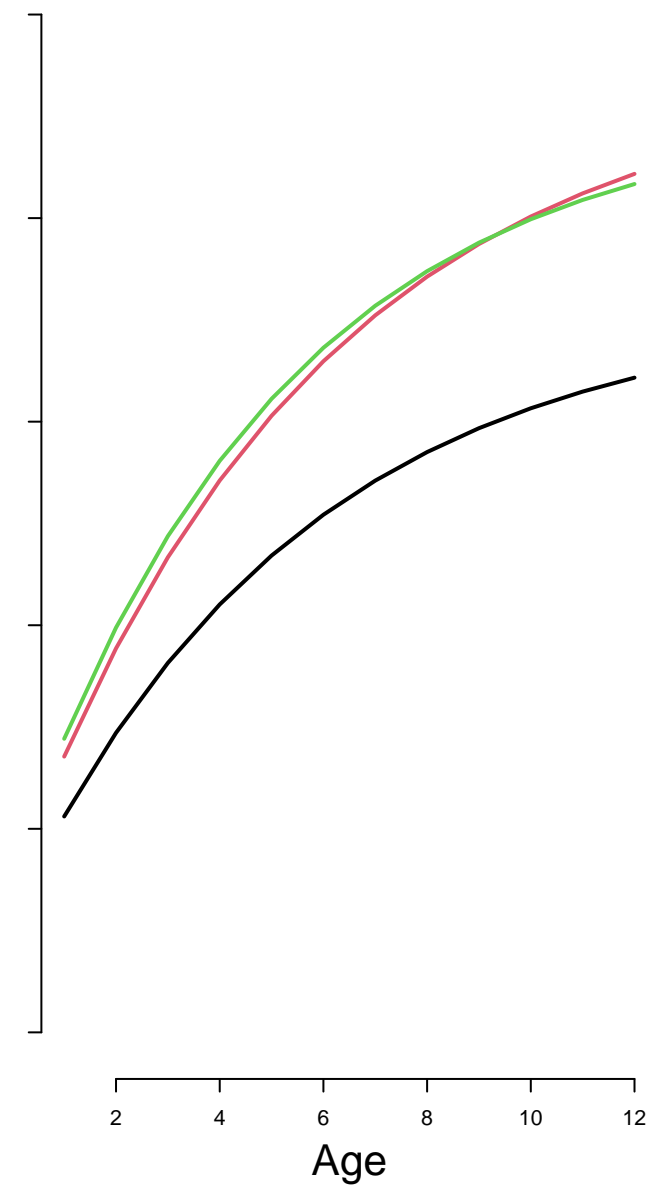
First historical year



Last historical year

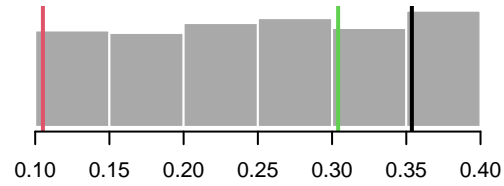


Last projected year

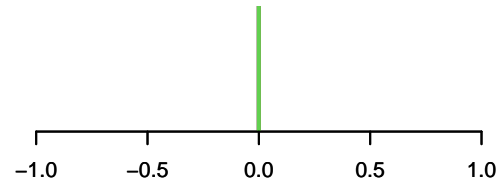


Fleet: BlackSeaBass Stock: BlackSeaBass
nyears = 39 proyears = 50 3 sampled iterations

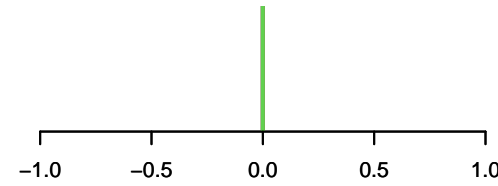
Esd



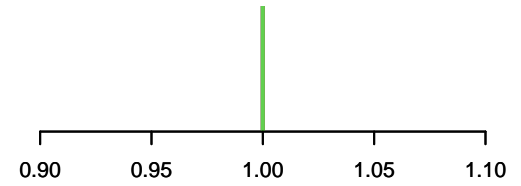
qinc



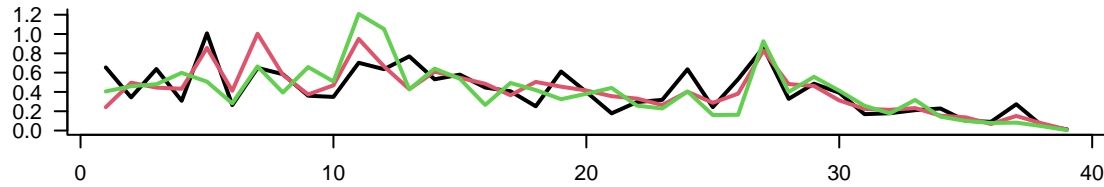
qcv



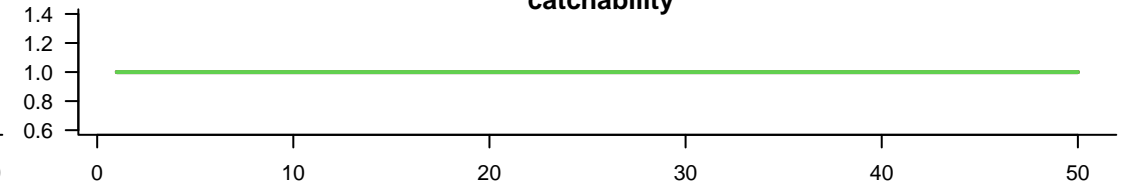
Spat_targ



Fishing effort (historical)

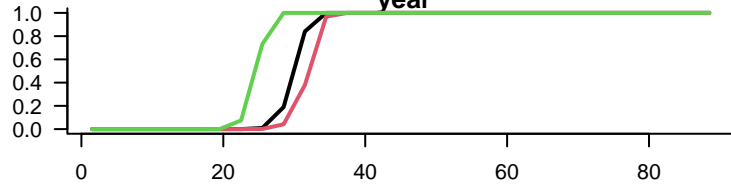


Change in future catchability

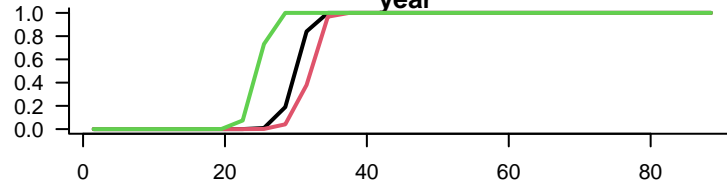


Selectivity-at-length

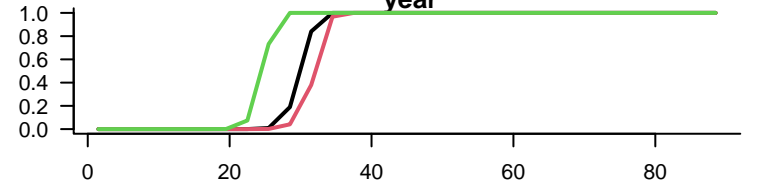
First historical year



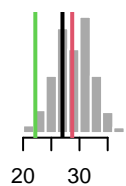
Last historical year



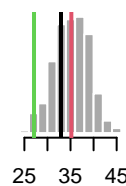
Last projected year



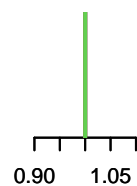
L5



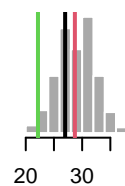
LFS



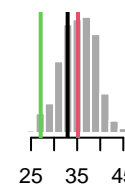
Vmaxlen



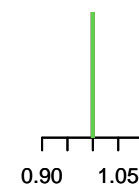
L5



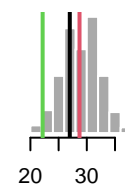
LFS



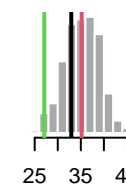
Vmaxlen



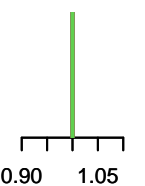
L5



LFS

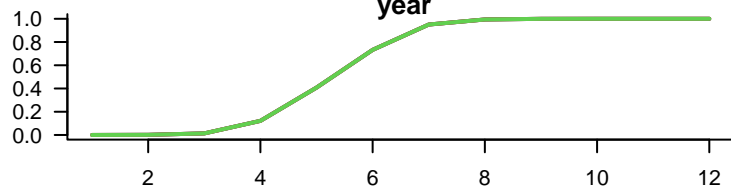


Vmaxlen

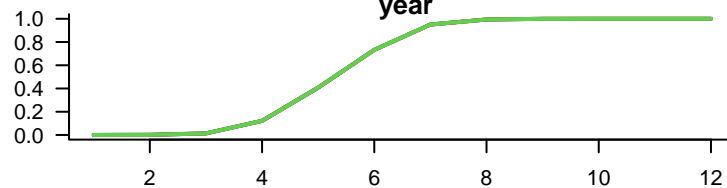


Selectivity-at-age

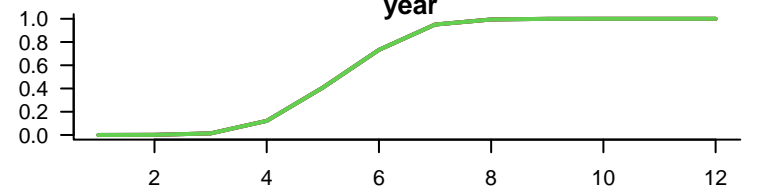
First historical year



Last historical year

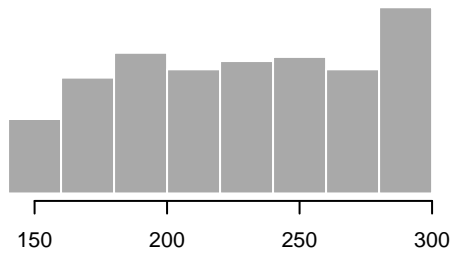


Last projected year

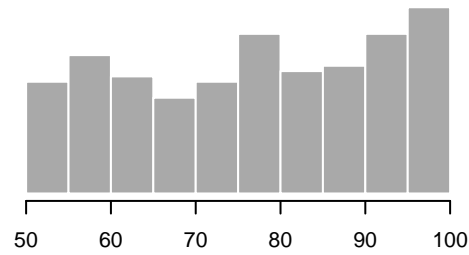


Observation biases and sample sizes for observation object Precise-Unbiased

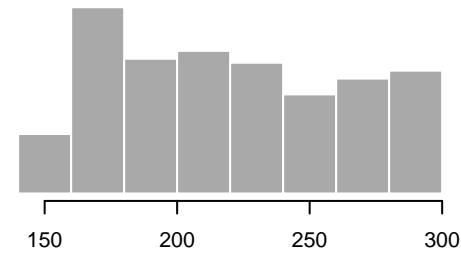
No. annual catch-at-age obs (CAA_san



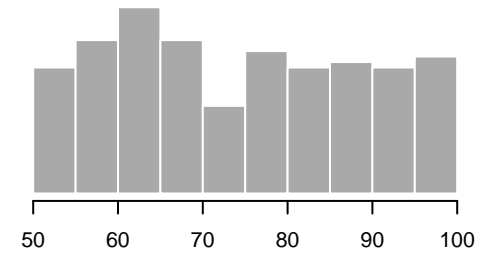
Effective sample size CAA obs (CAA_Es



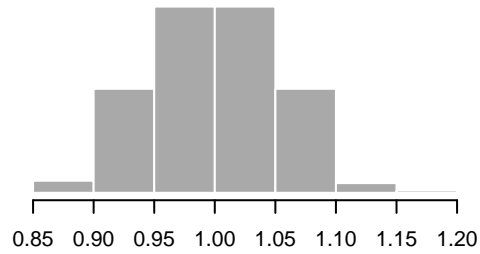
No. annual catch-at-length obs (CAL_sa



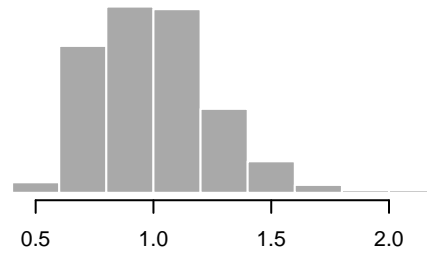
Effective sample size CAL obs (CAL_ES



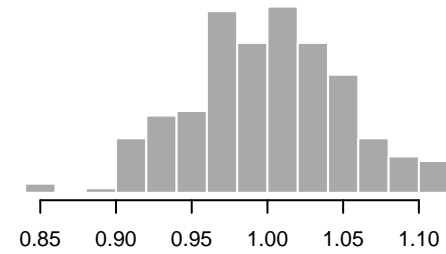
Natural mortality rate bias (Mbias)



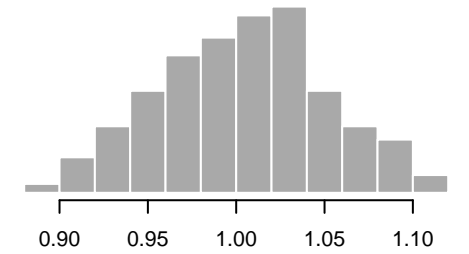
FMSY/M bias (FMSY_Mbias)



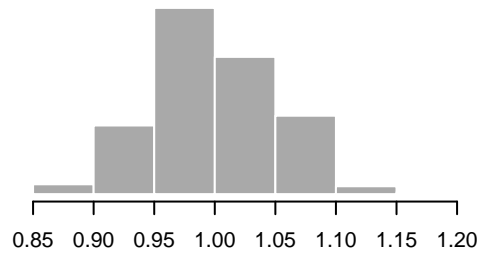
Bias in length at maturity (lenMbias)



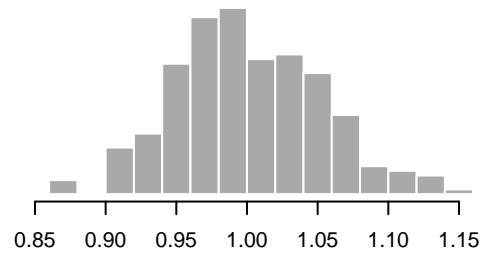
Bias in length at first capture (LFCbias)



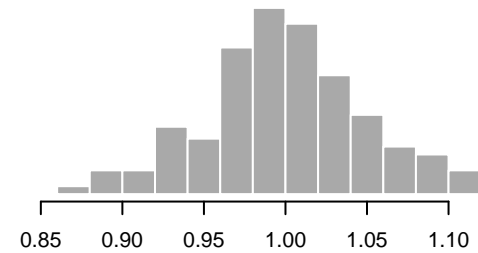
Bias in length at full selection (LFSbia



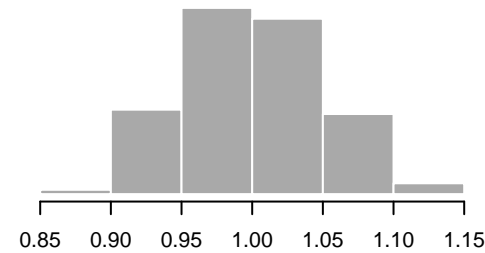
Bias in von B. K (Kbias)



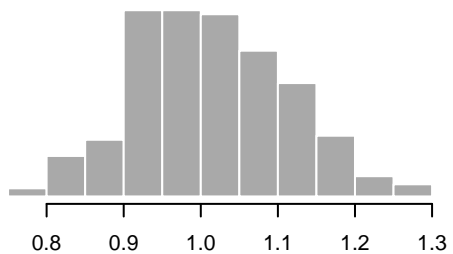
Bias in von B. t0 (t0bias)



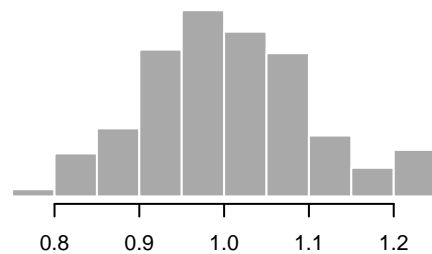
Bias in von B. Linf (Linfbias)



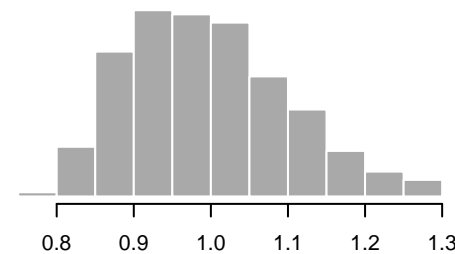
Bias in index at MSY (Irefbias)



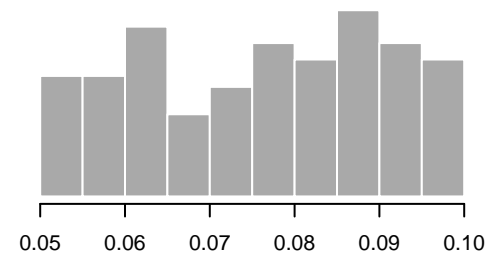
Bias in MSY catch (Crefbias)



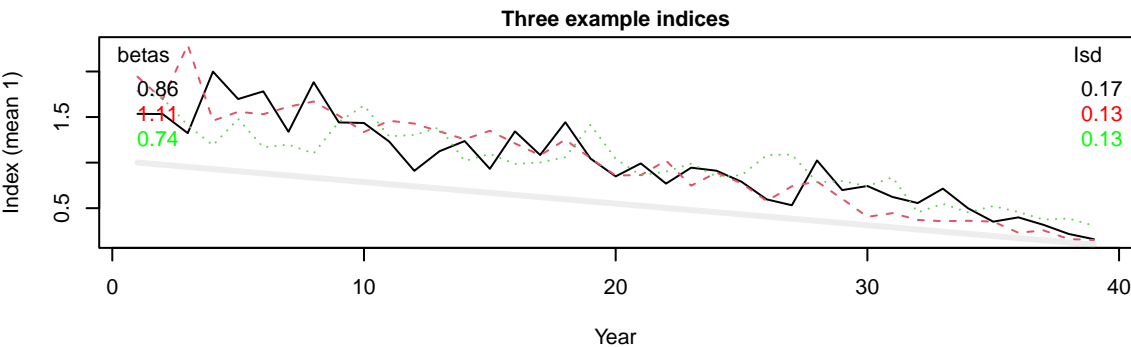
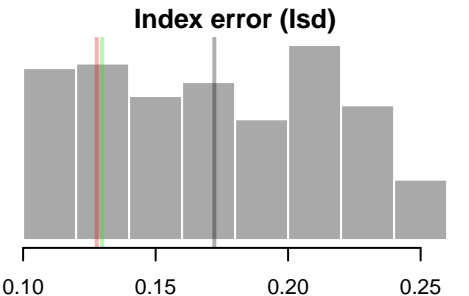
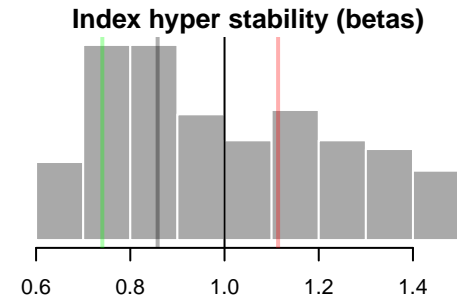
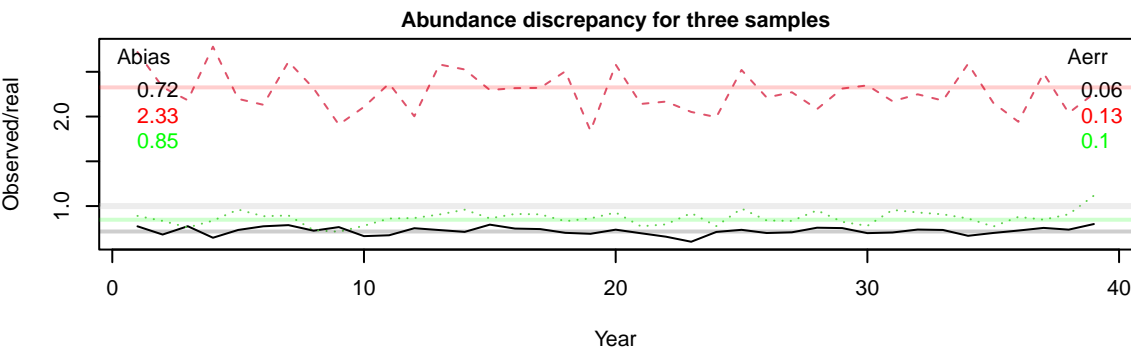
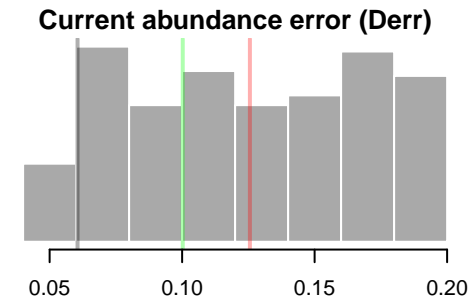
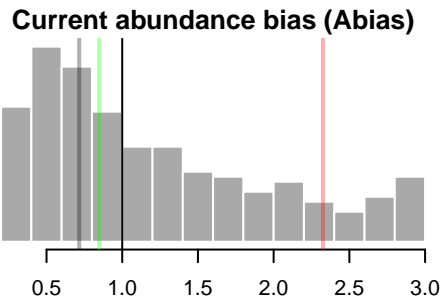
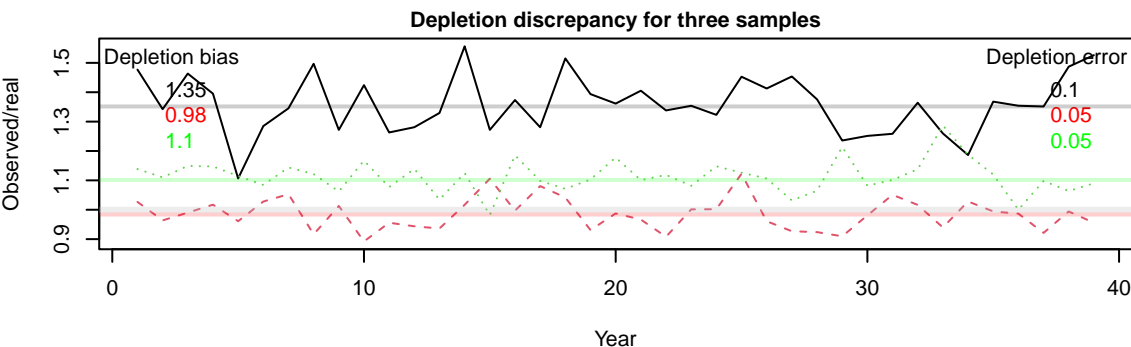
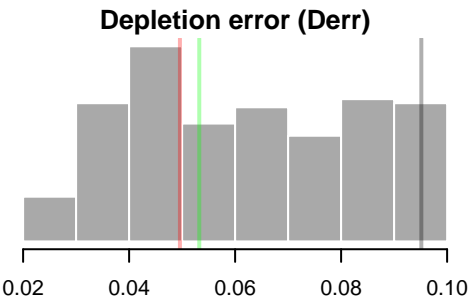
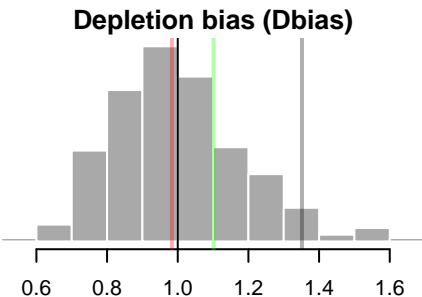
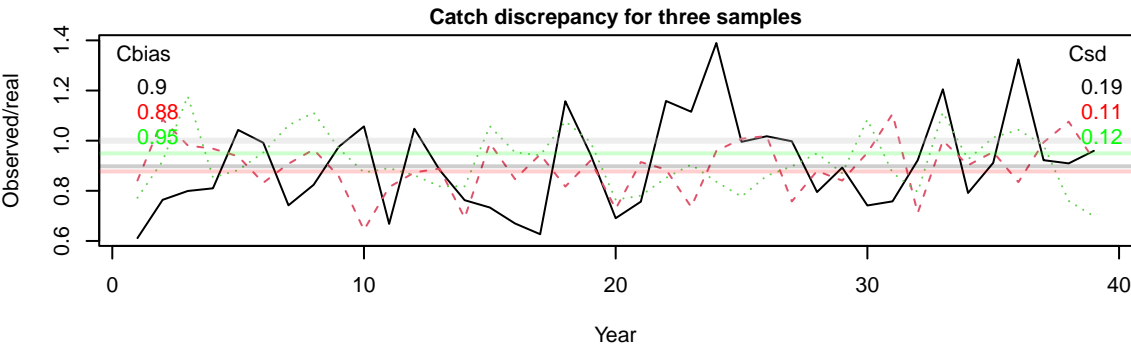
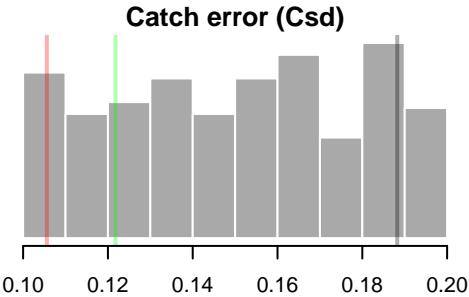
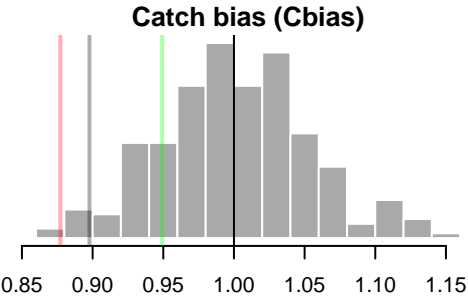
Bias in MSY biomass (Brefbias)



Bias in recent recruitment strength (Rec

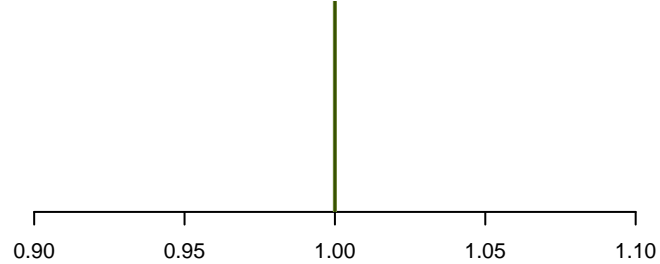


Observation time series plots for observation object Precise-Unbiased

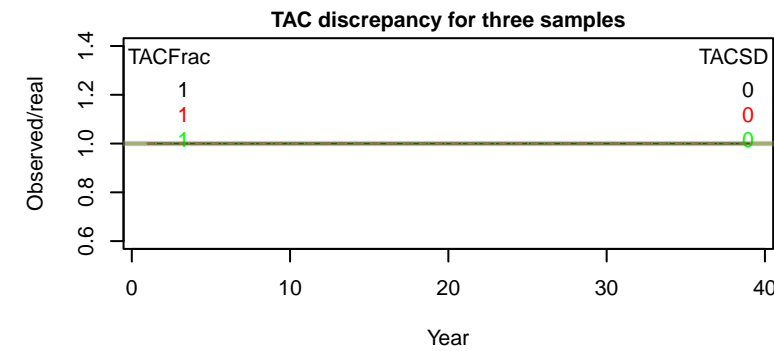
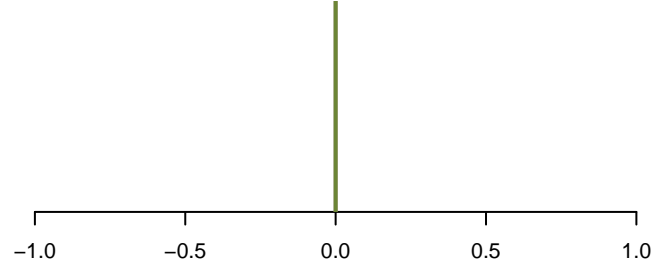


Implementation error time series plots for implementation object Perfect_Imp

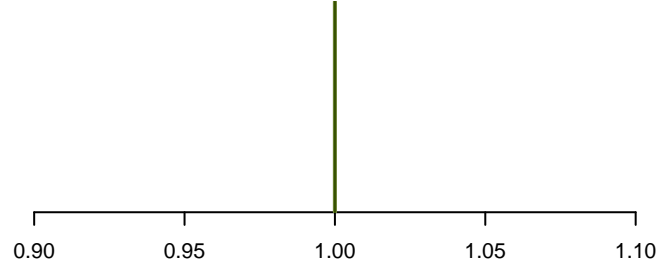
Fraction of TAC (TACFrac)



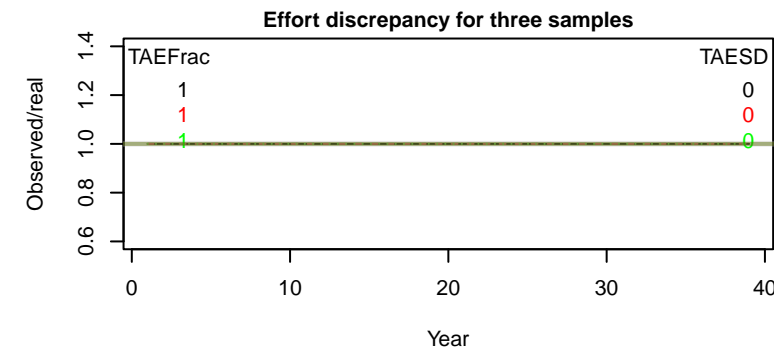
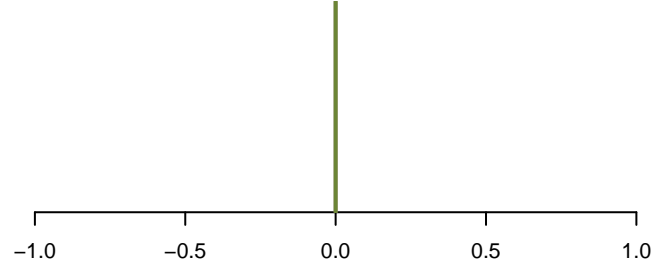
TAC error (TACSD)



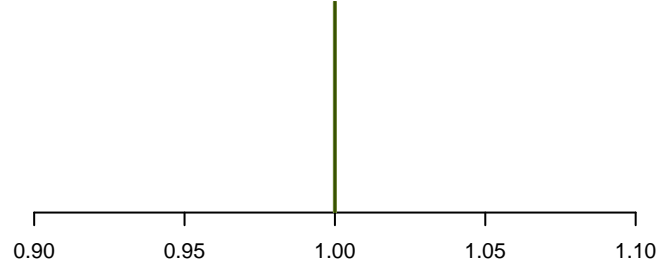
Fraction of effort (TAEFrac)



Effort error (TAESD)



Fraction of Size Limit (SizeLimFrac)



Size Limit error (SizeLimSD)

