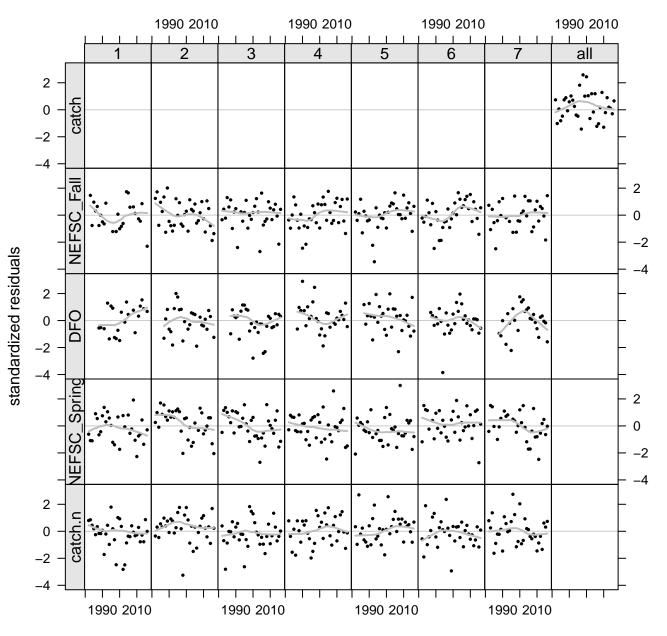
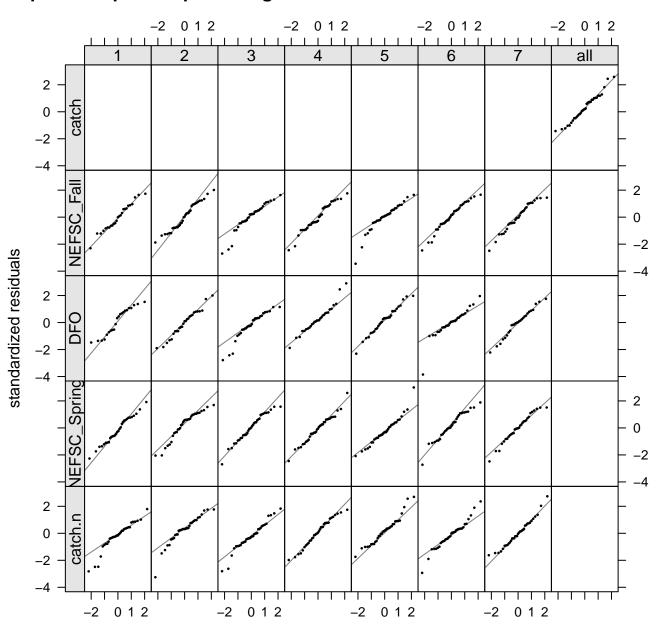
log residuals of catch and abundance indices by age



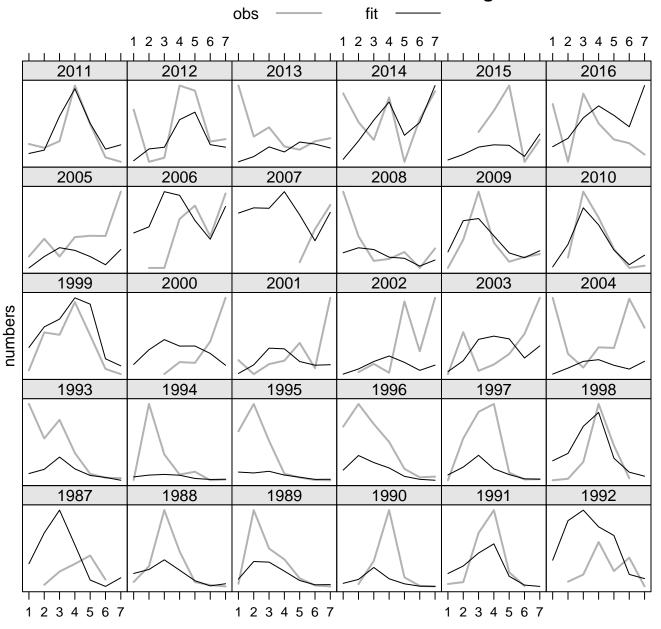
quantile-quantile plot of log residuals of catch and abundance indices



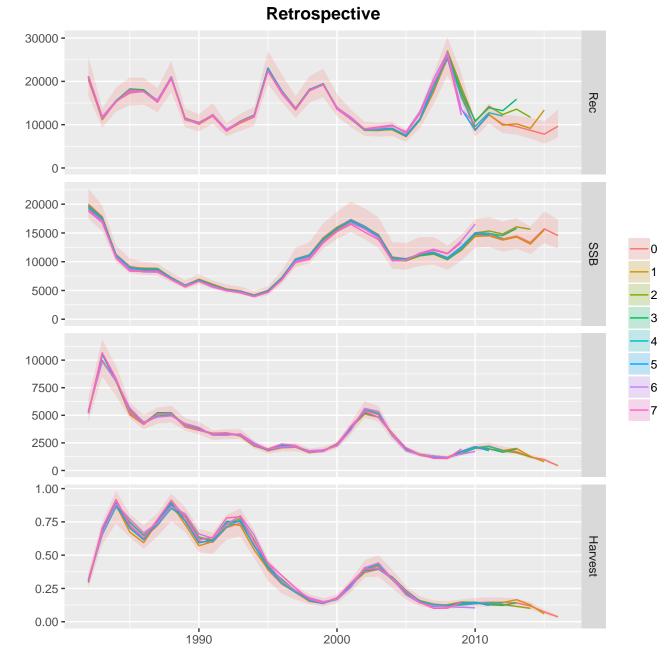
fitted and observed catch-at-age obs fit 1 2 3 4 5 6 7 1 2 3 4 5 6 7 numbers 1 2 3 4 5 6 7 1 2 3 4 5 6 7 1 2 3 4 5 6 7

NEFSC_Spring: fitted and observed index-at-age obs fit 1 2 3 4 5 6 7 1 2 3 4 5 6 7 numbers 1 2 3 4 5 6 7 1 2 3 4 5 6 7 1 2 3 4 5 6 7

DFO: fitted and observed index-at-age



NEFSC_Fall: fitted and observed index-at-age obs fit 1 2 3 4 5 6 7 1 2 3 4 5 6 7 numbers 1 2 3 4 5 6 7 1 2 3 4 5 6 7 1 2 3 4 5 6 7



Stock summary 30000 -20000 -Rec 10000 -0 -20000 -15000 **-**SSB 10000 -5000 -0 -10000 -7500 **-**5000 -2500 **-**0 -1.00 -0.75 -0.50 -0.25 -0.00 -1990 2000 2010

Abundance indices predictions

