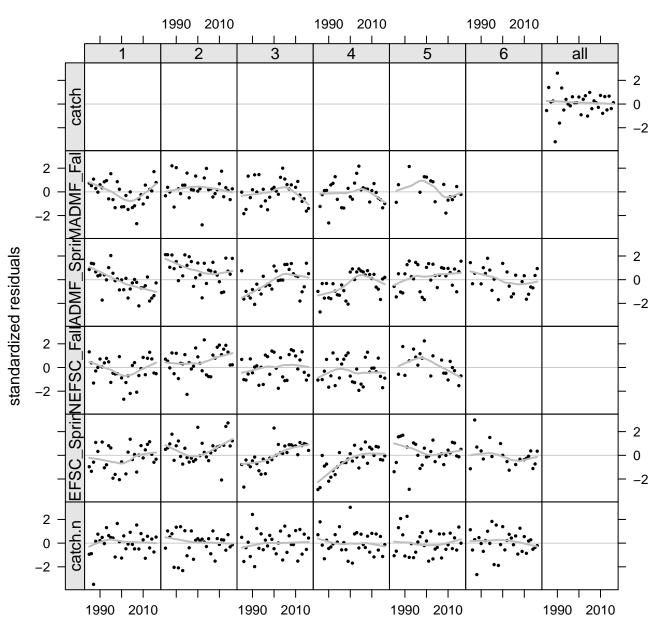
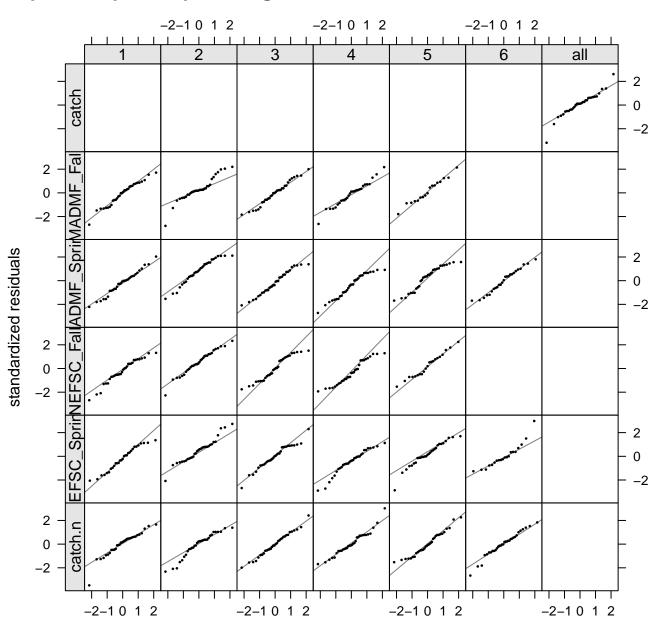
log residuals of catch and abundance indices by age



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 numbers 4 5 6 2 3 4 5 6 age

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

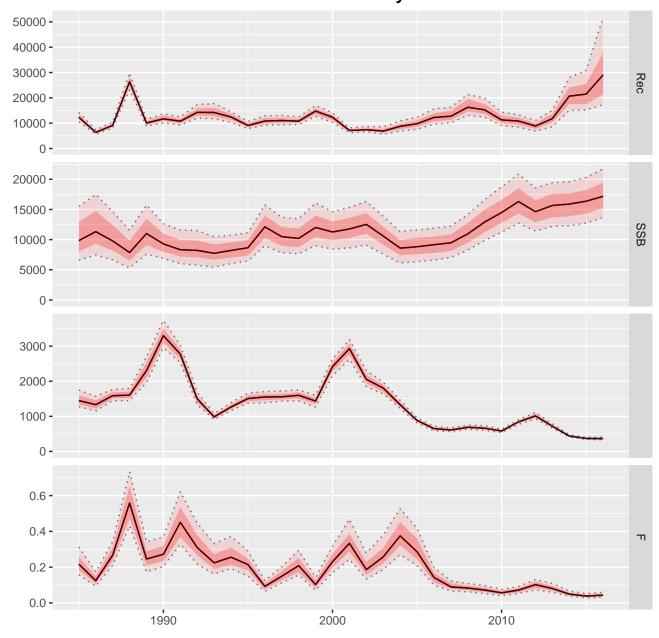
NEFSC_Fall: fitted and observed index-at-age obs fit 2 3 4 5 numbers

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

MADMF_Fall: fitted and observed index-at-age obs fit 2 3 4 5 numbers

Retrospective 50000 -40000 -30000 -20000 -10000 -0 -20000 -15000 -SSB 10000 -5000 -0 -4000 -3000 -2000 -1000 -0 -0.6 -Harvest 0.4 -0.2 -0.0 -1990 2000 2010

Stock summary



Abundance indices predictions

