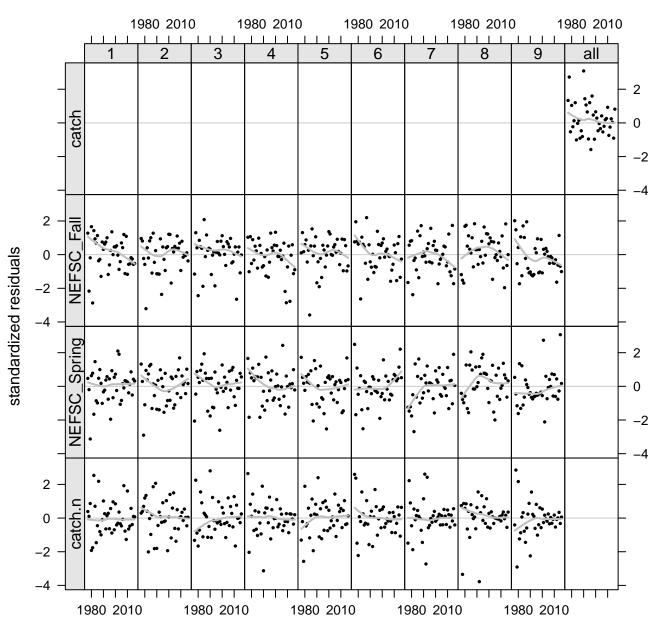
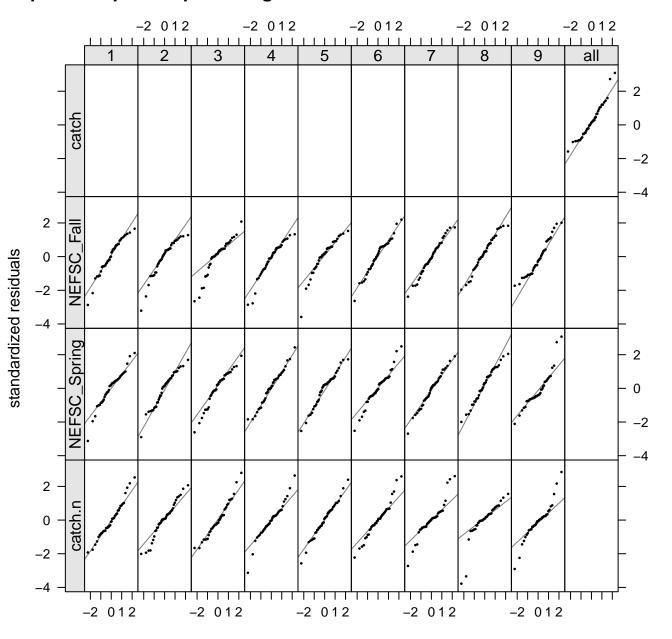
# log residuals of catch and abundance indices by age



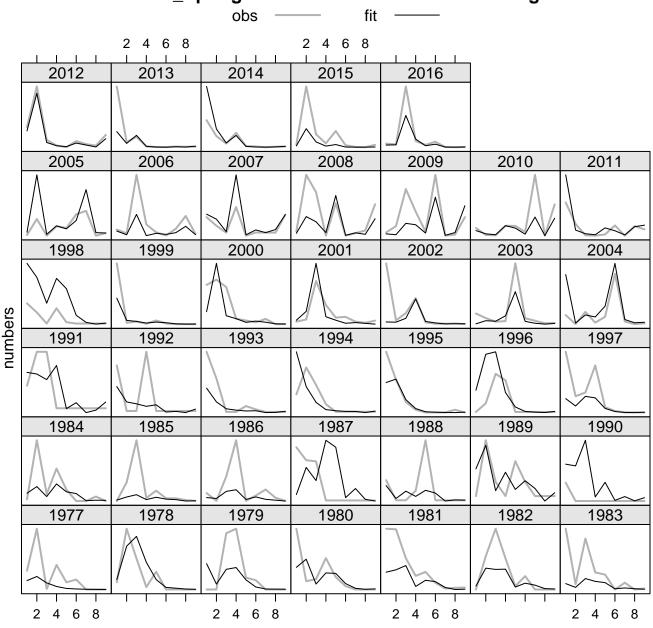
## quantile-quantile plot of log residuals of catch and abundance indices



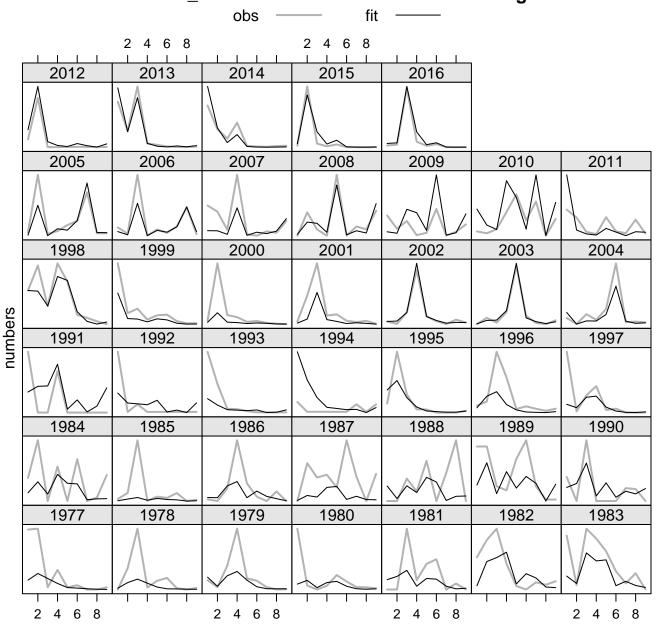
#### fitted and observed catch-at-age obs fit 2 4 6 8 4 6 8 numbers

age

### NEFSC\_Spring: fitted and observed index-at-age

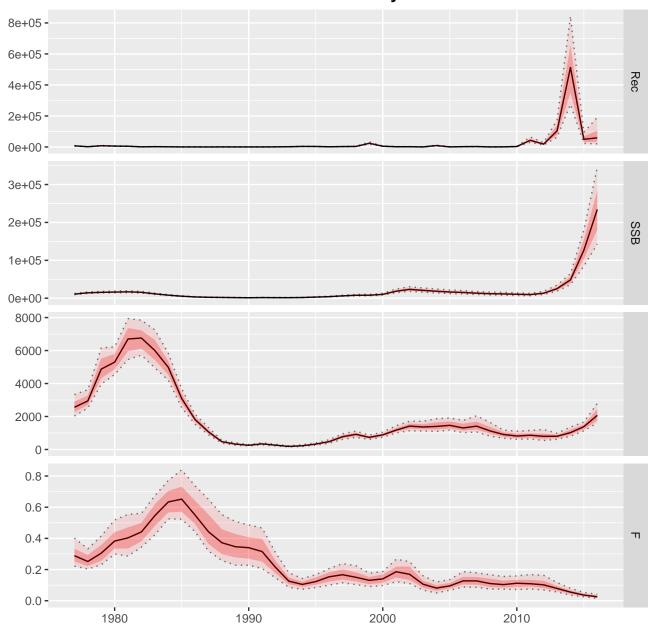


### NEFSC\_Fall: fitted and observed index-at-age



Retrospective 8e+05 -6e+05 **-**4e+05 -2e+05 -0e+00 -3e+05 -2e+05 -SSB 1e+05 -0e+00 -8000 -6000 -4000 -2000 -0 -0.8 -0.6 -Harvest 0.4 -0.2 -0.0 -1980 1990 2000 2010

**Stock summary** 



Abundance indices predictions

