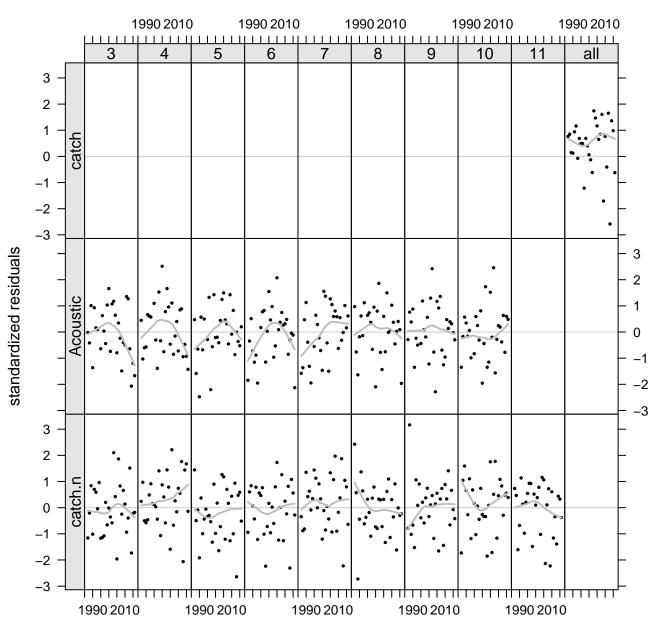
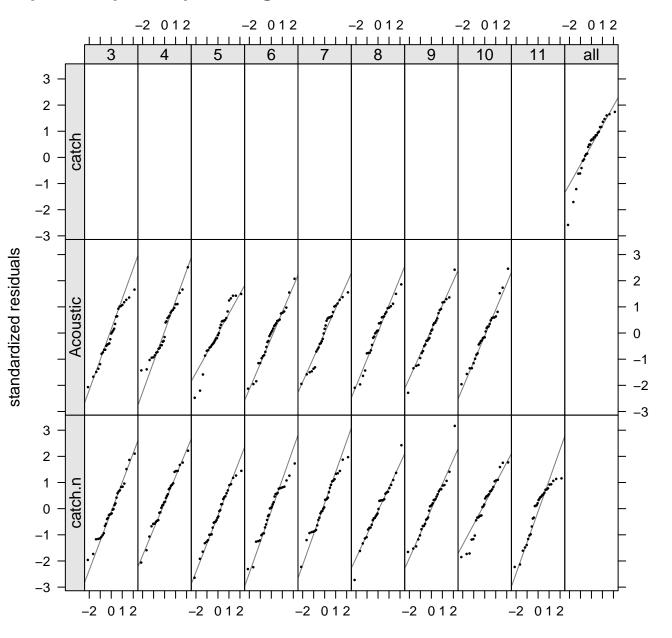
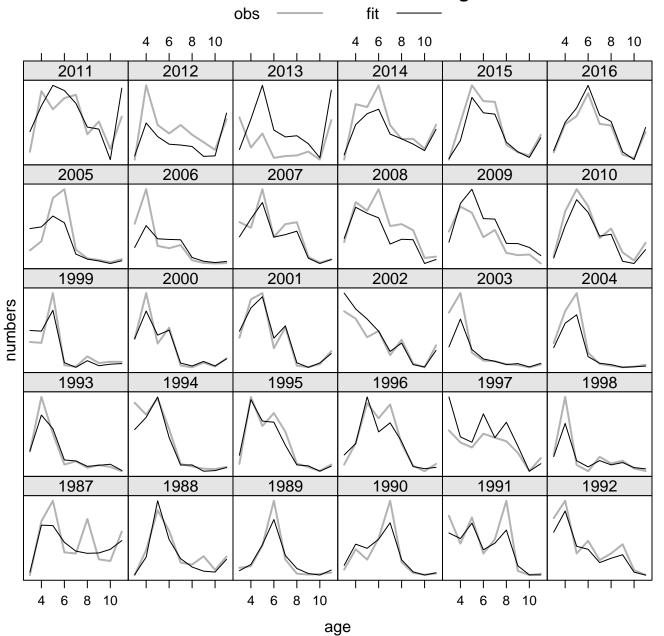
log residuals of catch and abundance indices by age

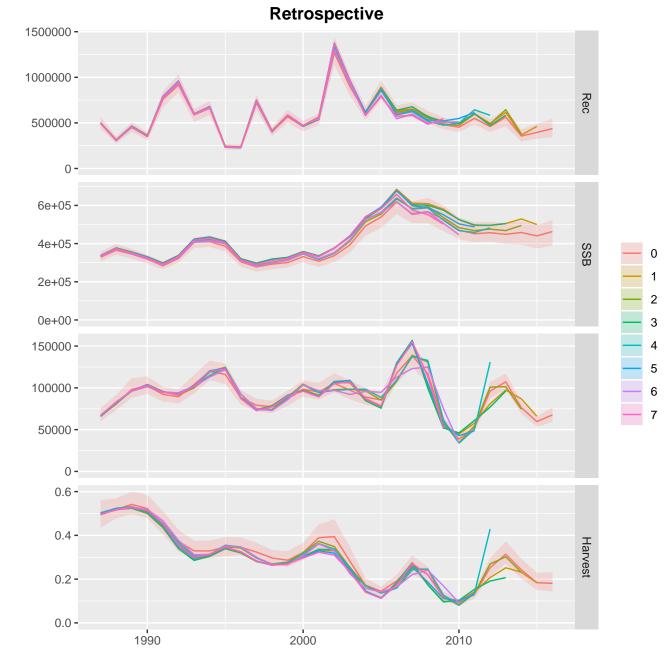


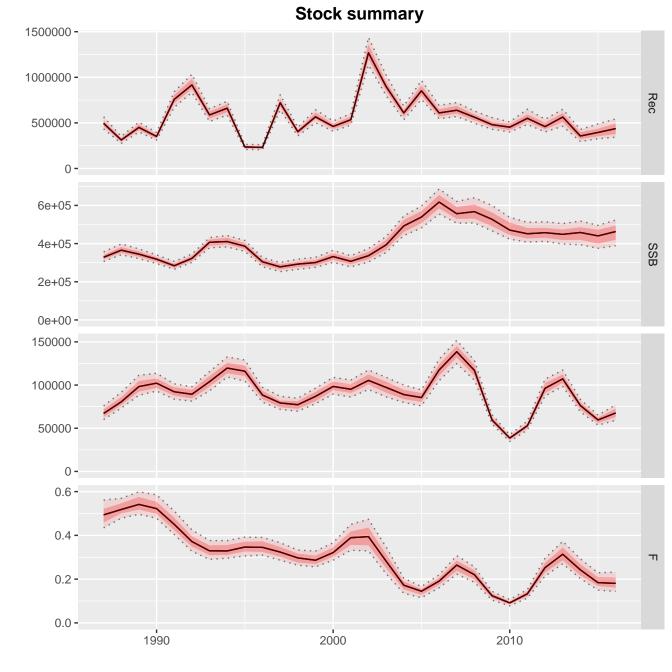
quantile-quantile plot of log residuals of catch and abundance indices



fitted and observed catch-at-age







Abundance indices predictions

