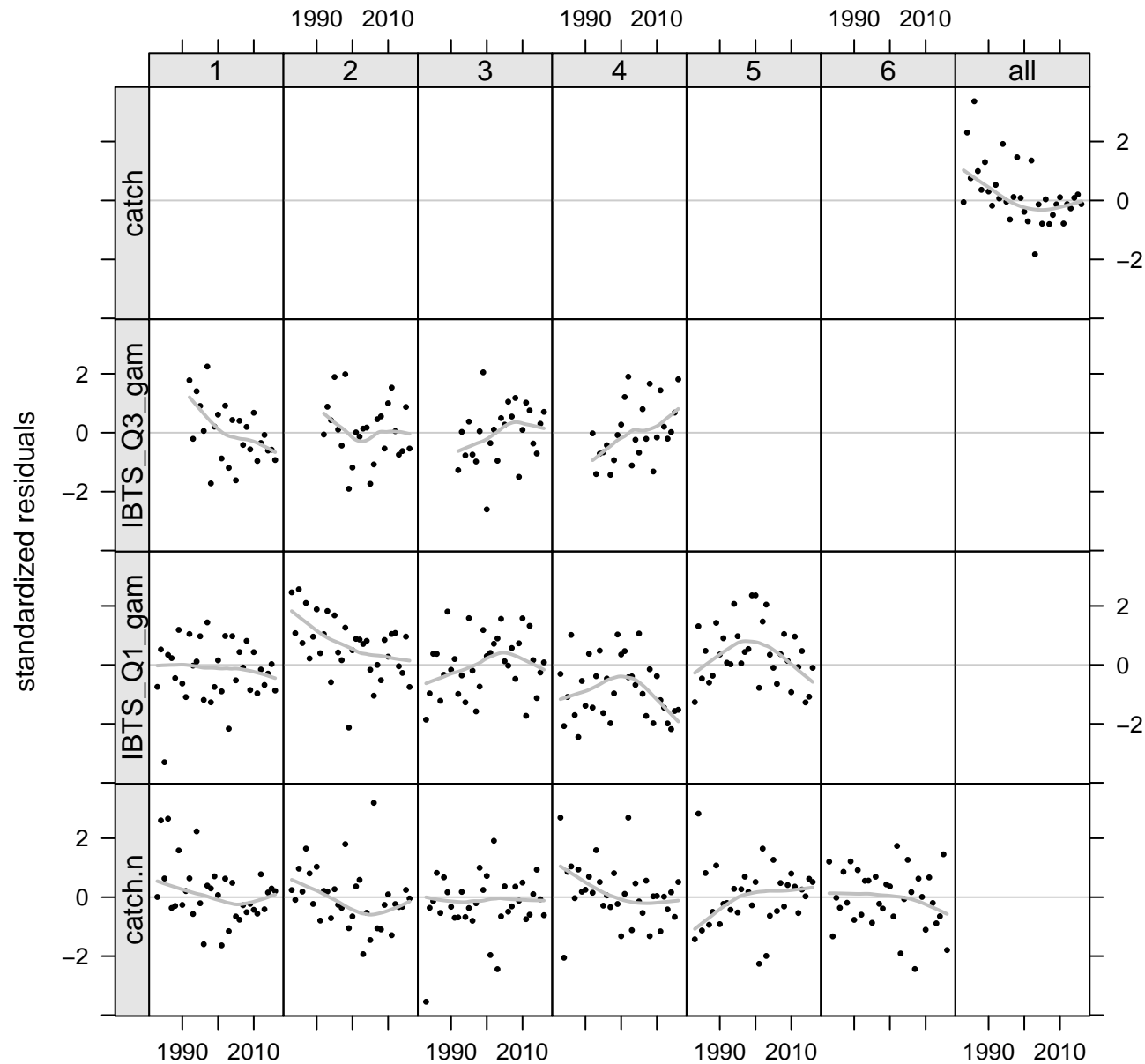
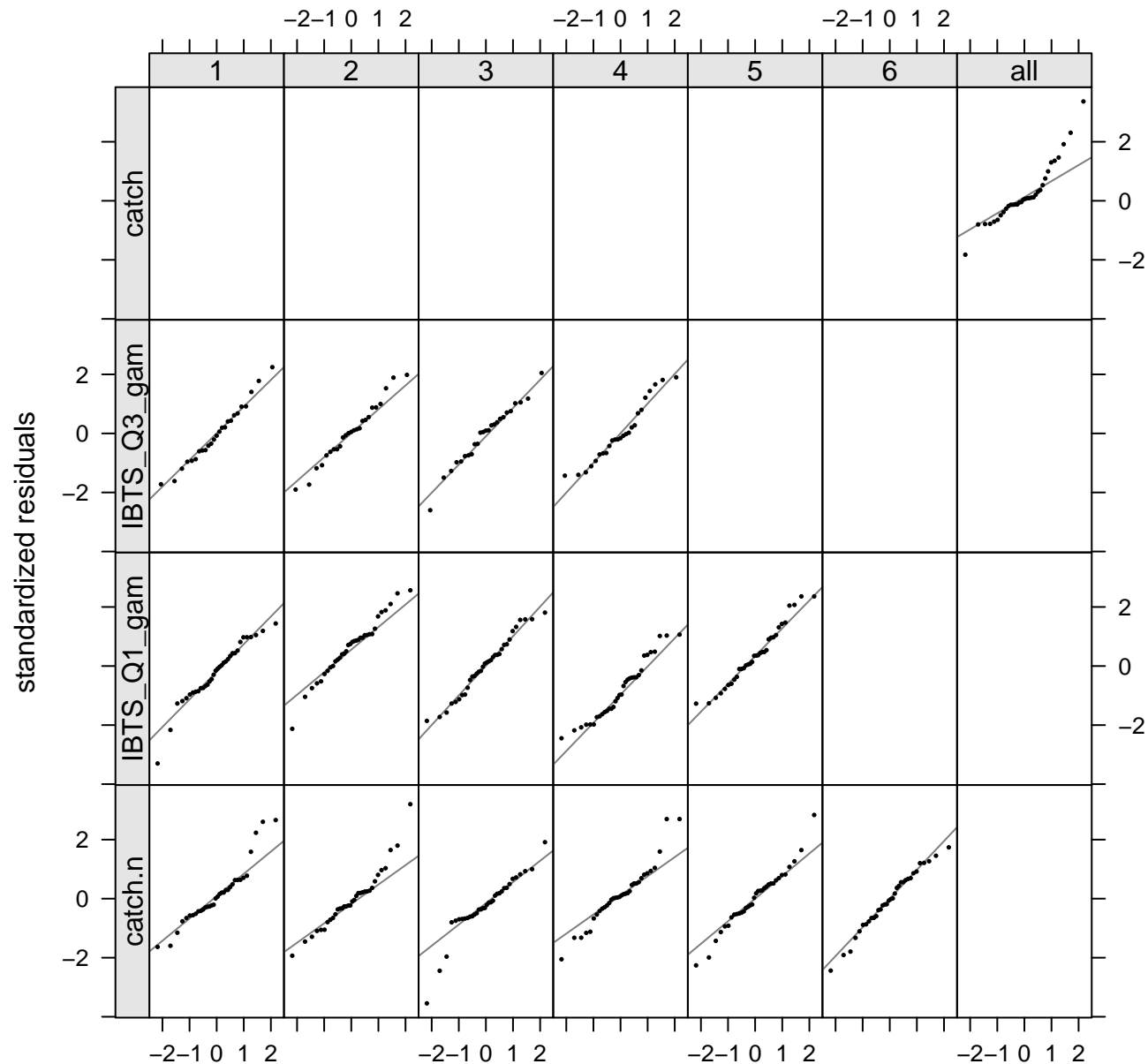


# log residuals of catch and abundance indices by age



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

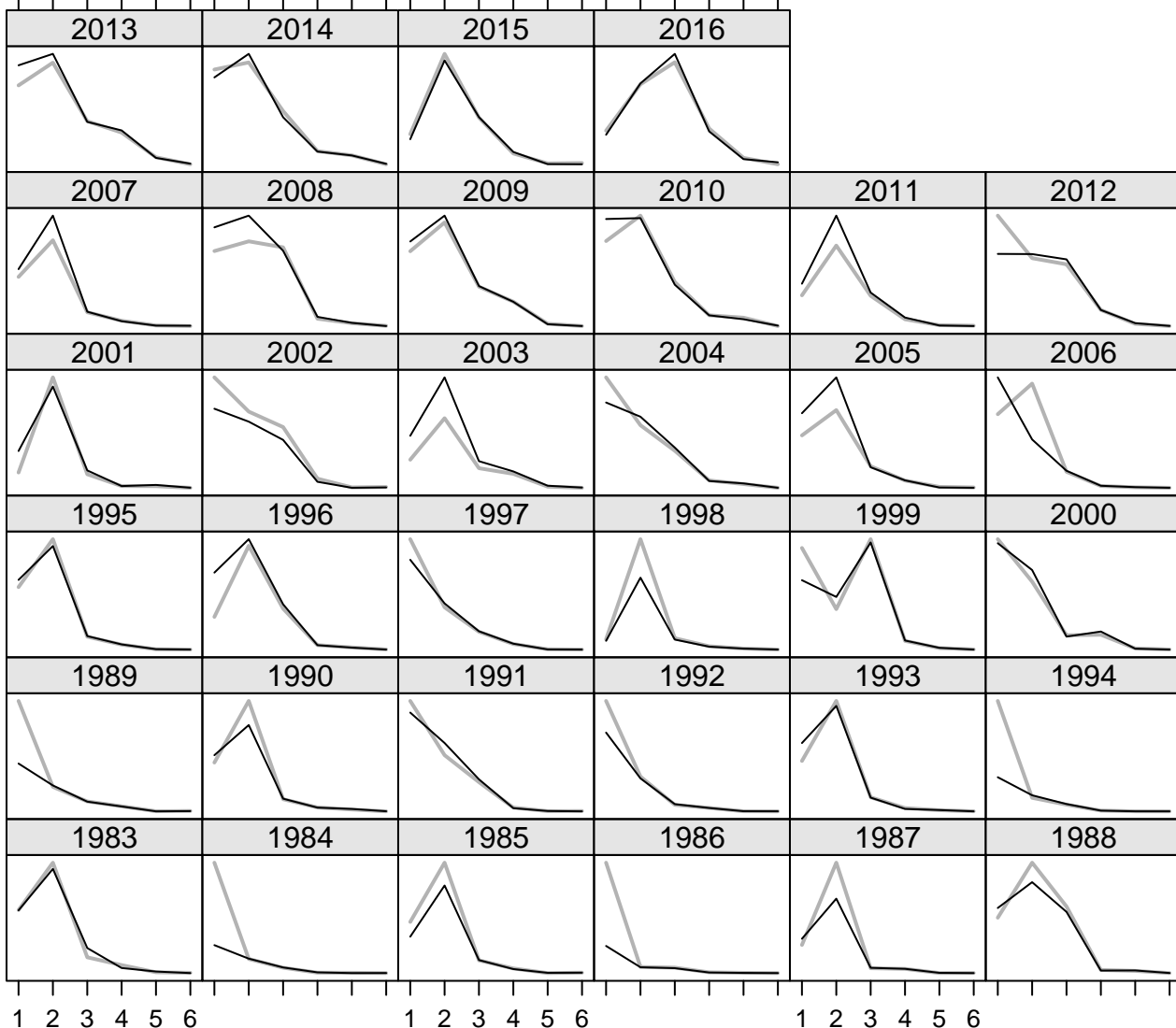


# fitted and observed catch-at-age

obs ——— fit ———

1 2 3 4 5 6      1 2 3 4 5 6

numbers



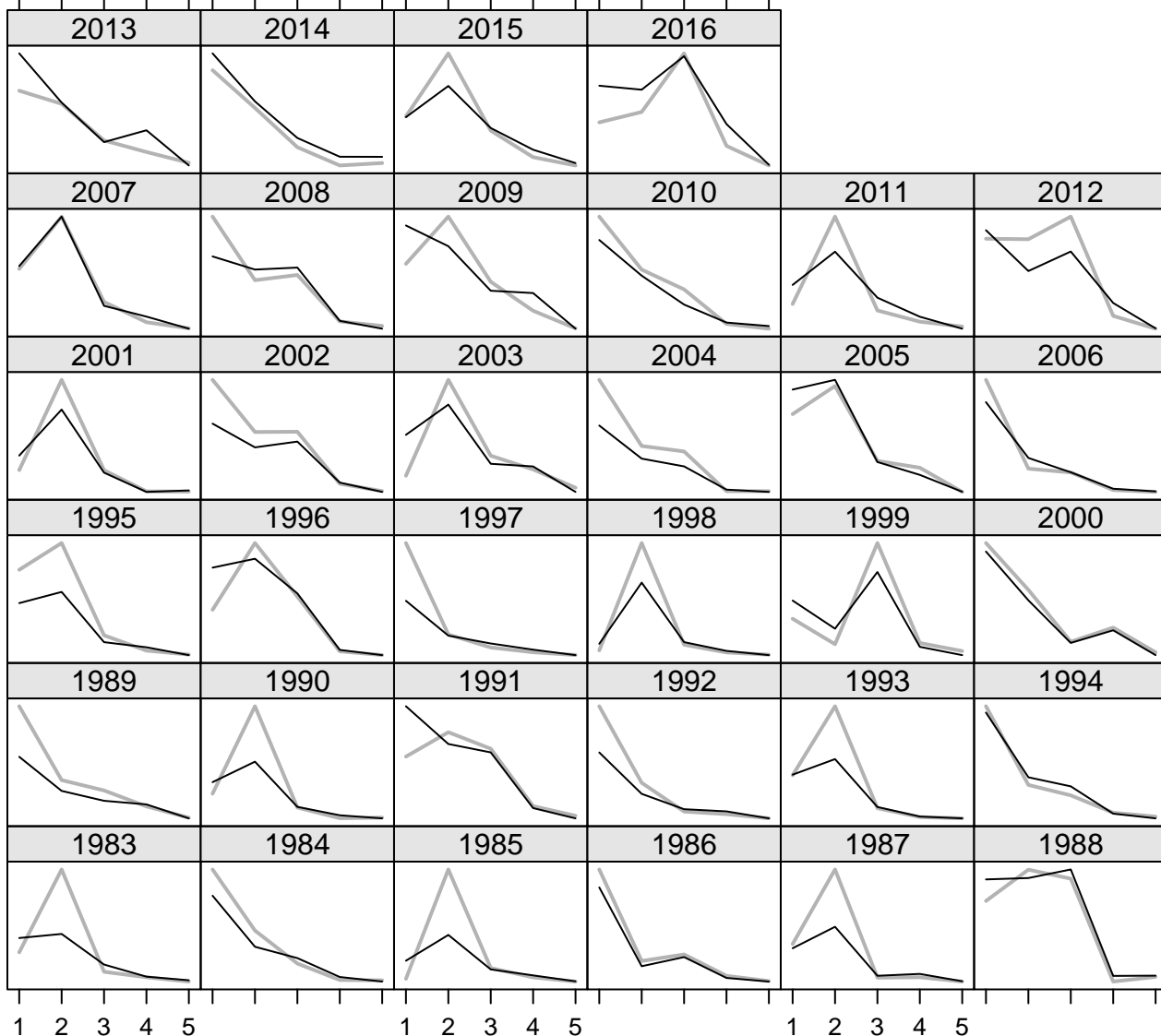
age

# IBTS\_Q1\_gam: fitted and observed index-at-age

obs ——— fit ———

1 2 3 4 5      1 2 3 4 5

numbers

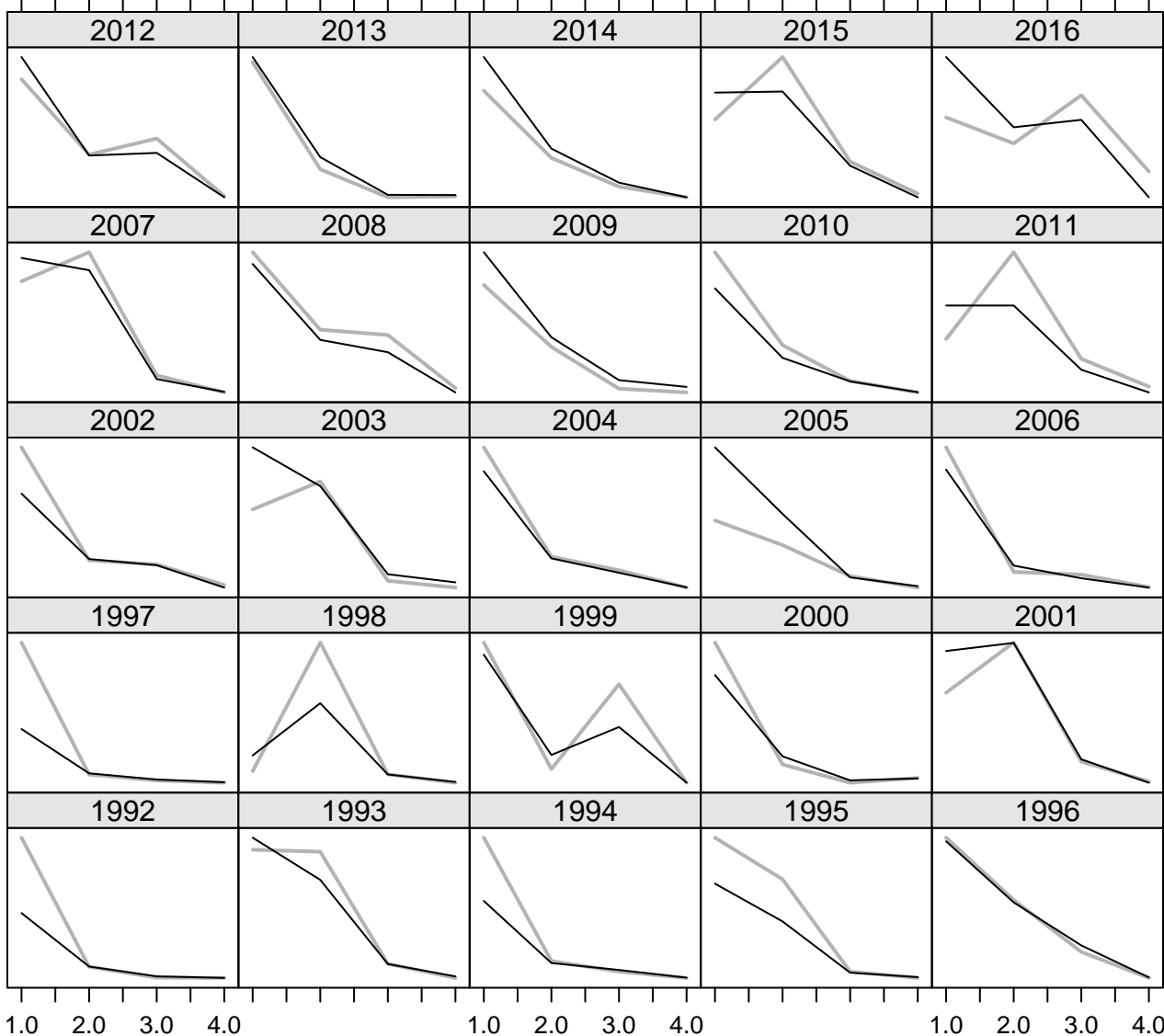


# IBTS\_Q3\_gam: fitted and observed index-at-age

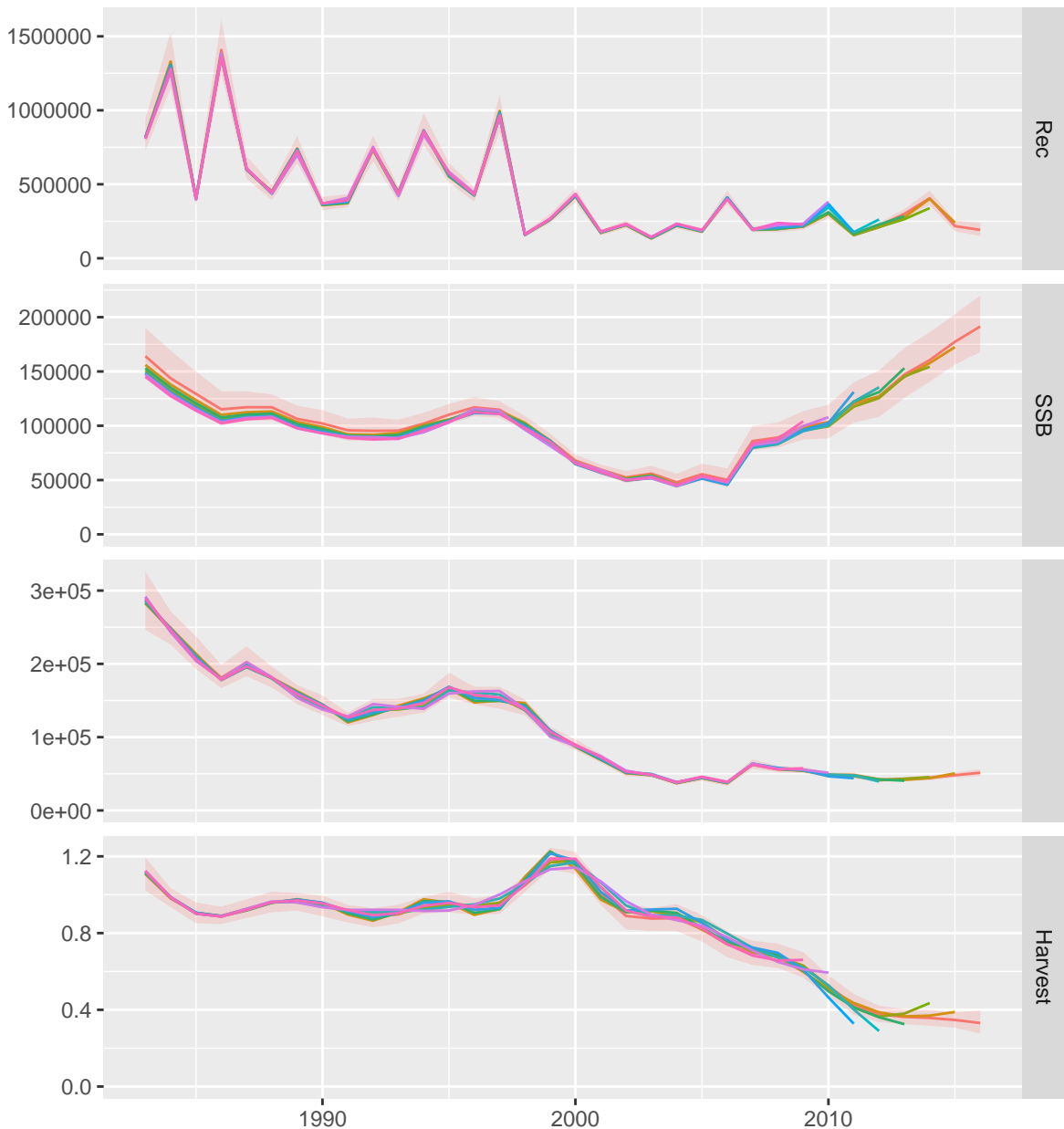
obs ——— fit ———

1.0 2.0 3.0 4.0

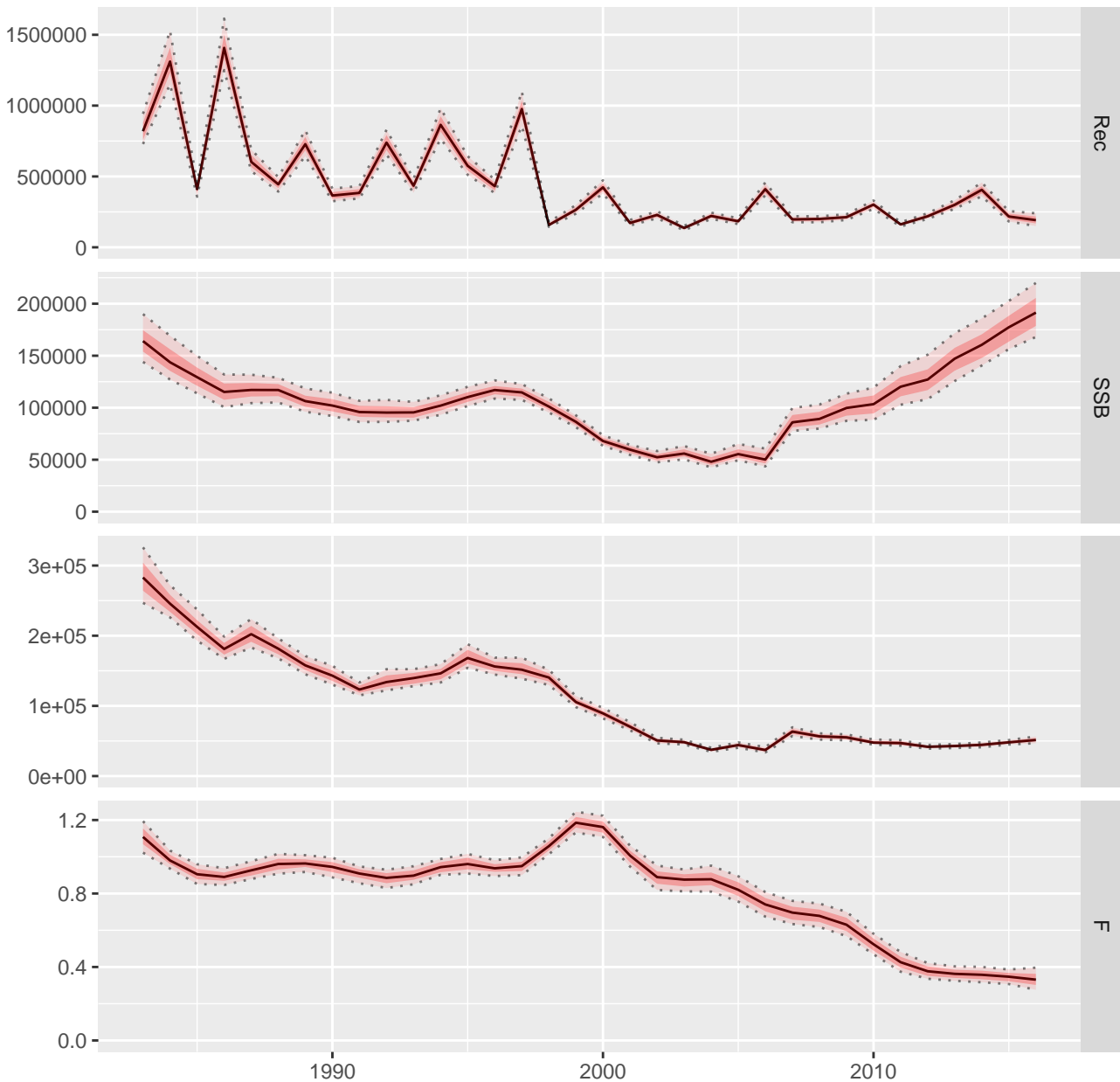
1.0 2.0 3.0 4.0



# Retrospective



# Stock summary



# Abundance indices predictions

