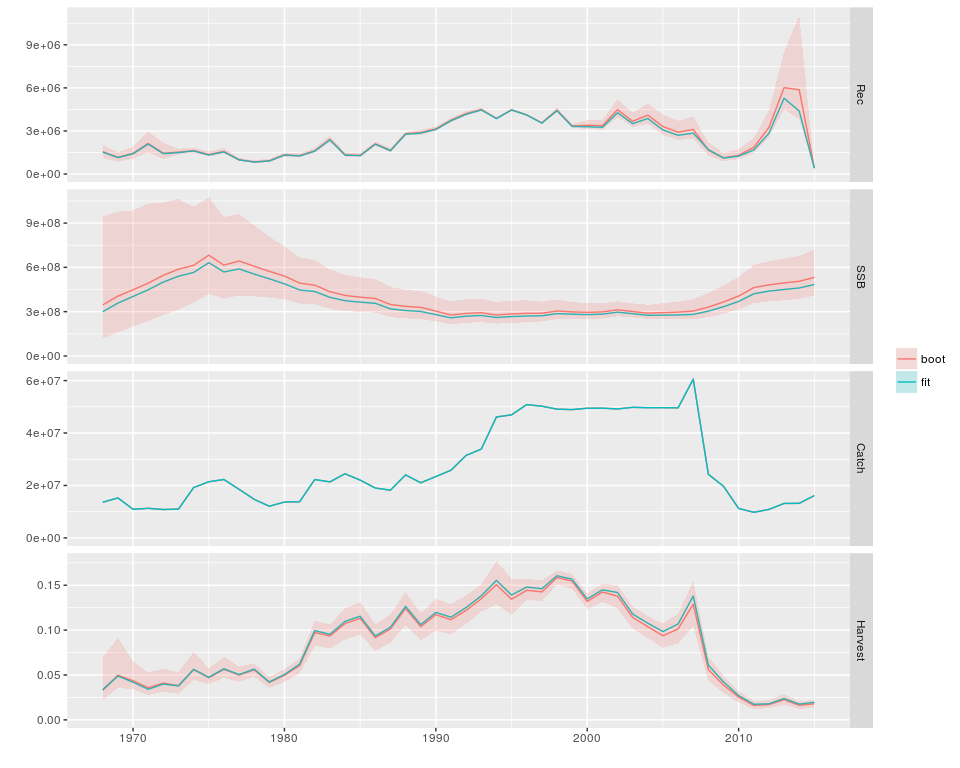
Crossvalidation I

L Kell

29 enero, 2018

# Estimate and compare four different forms of error i.e.

* Model errors: from model fits
* Prediction errors: based on leave-one-out jackknife procedure
* Hindcast: Retrospective with projection and then compare predictions with observations
* One-step: Retrospective with leave-one-out for final year

 **Figure 1** VPA used for 2017 assessment advice, blue best fit, pink bootstrap with CIs.

## Model residuals

## Prediction residuals