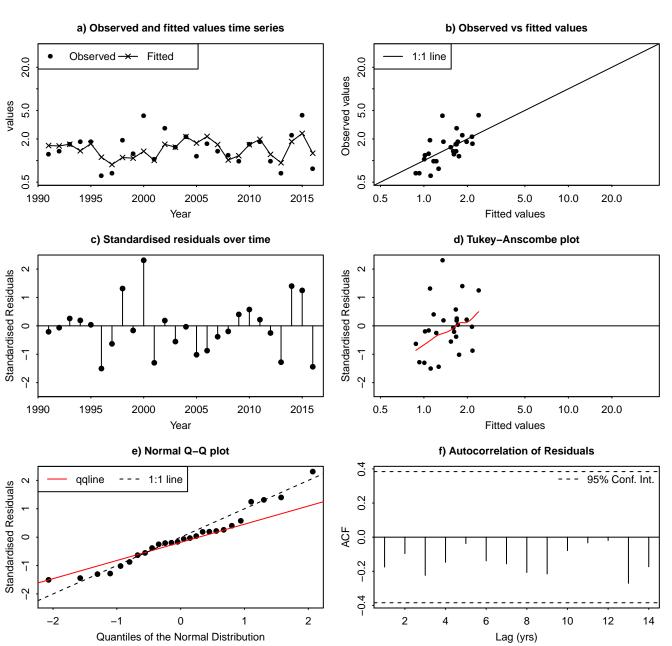
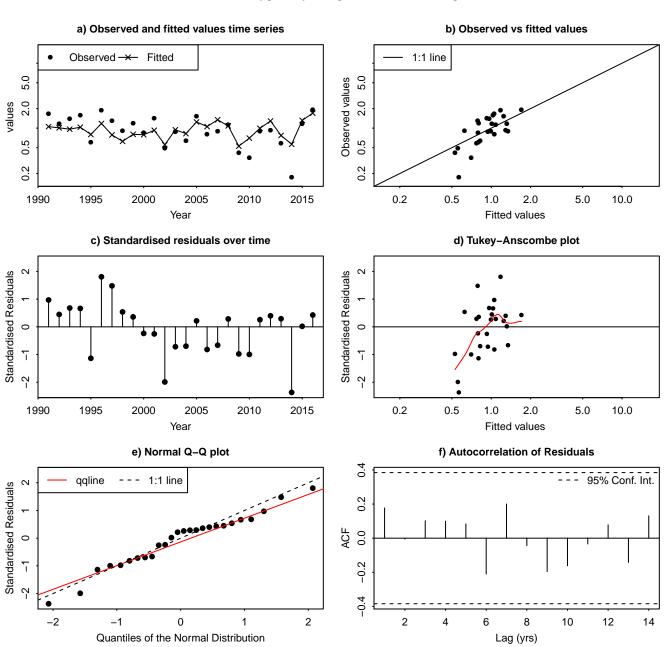
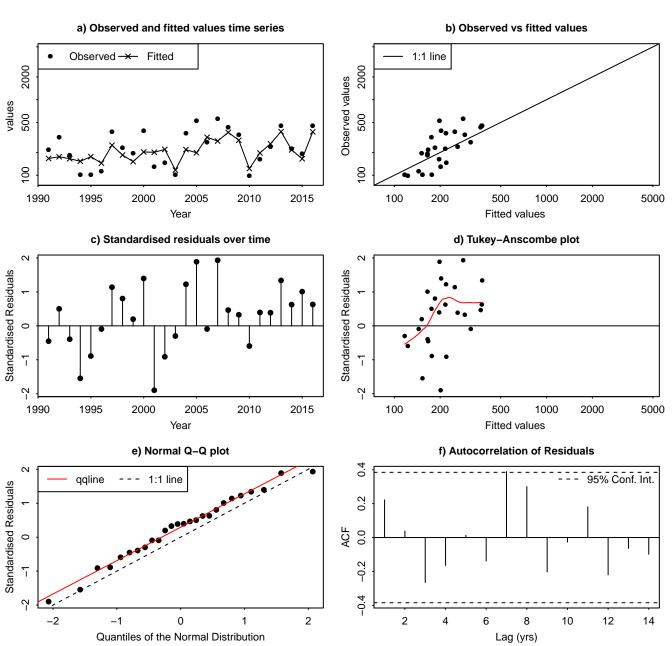
Turbot in IV pgSurvey 6 Diagnostics - BTS-ISIS, age 1



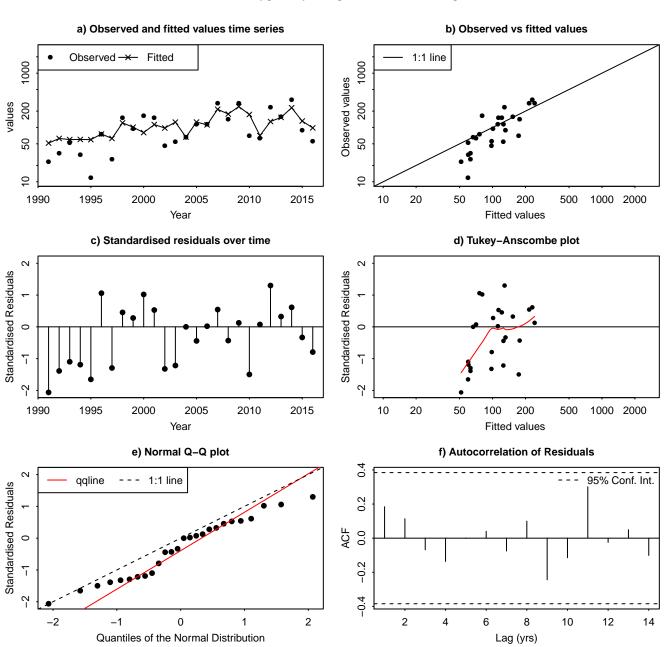
#### Turbot in IV pgSurvey 6 Diagnostics - BTS-ISIS, age 2

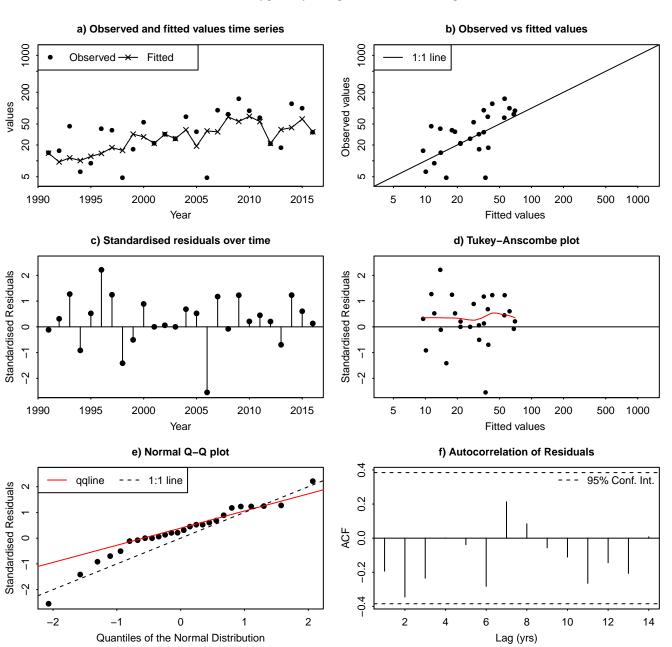


Turbot in IV pgSurvey 6 Diagnostics - BTS-ISIS, age 3

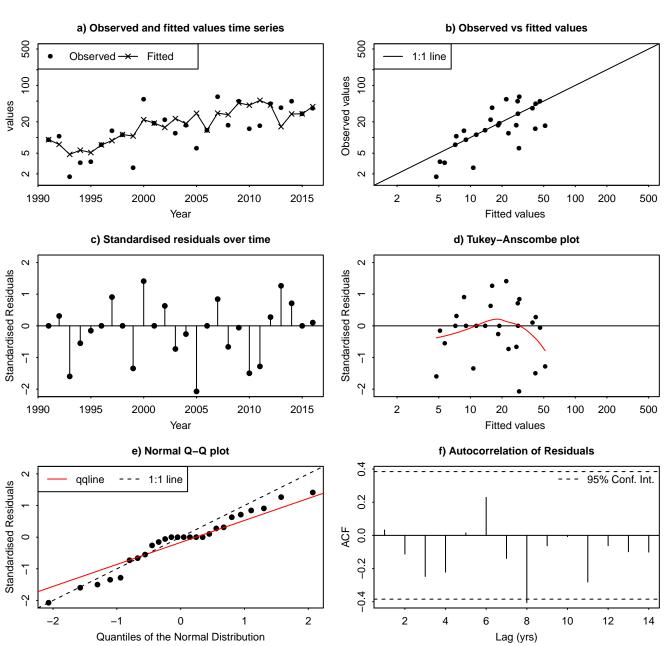


Turbot in IV pgSurvey 6 Diagnostics - BTS-ISIS, age 4

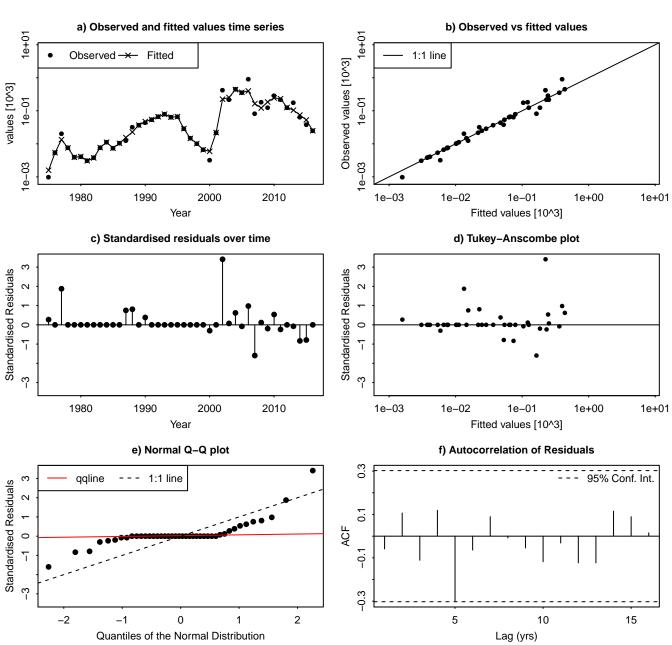




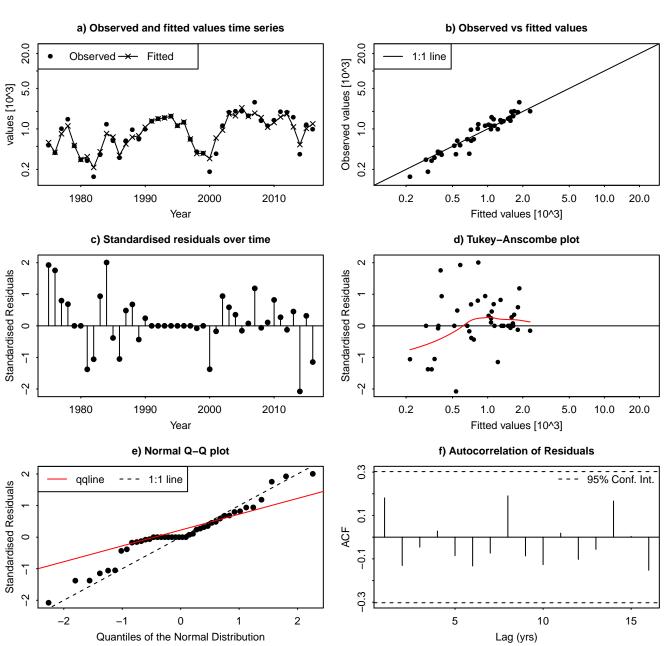
Turbot in IV pgSurvey 6 Diagnostics - BTS-ISIS, age 6



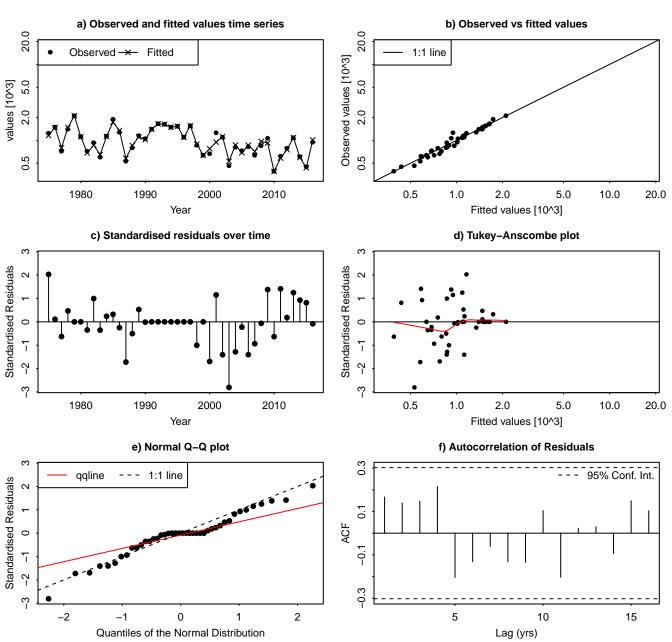
Turbot in IV pgSurvey 6 Diagnostics – catch, age 1

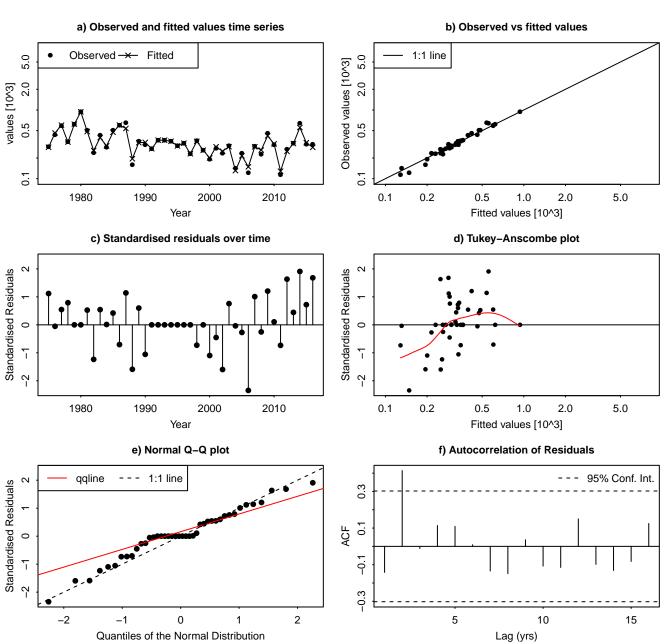


Turbot in IV pgSurvey 6 Diagnostics – catch, age 2

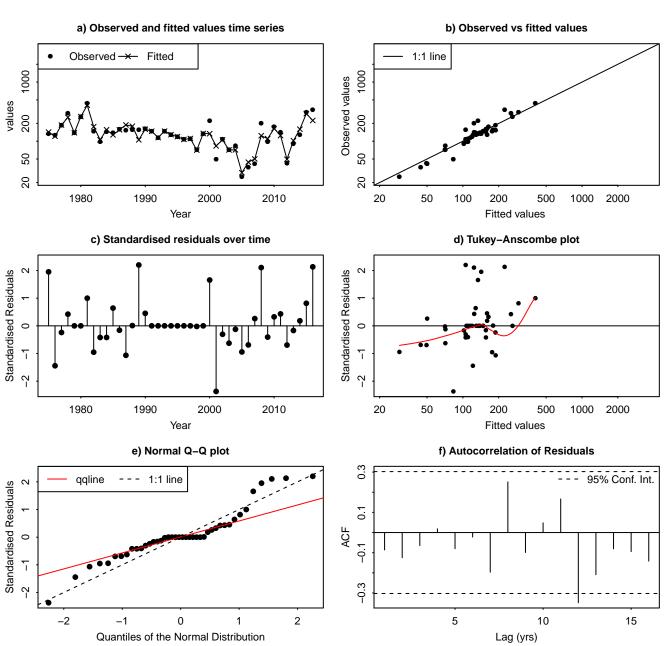


Turbot in IV pgSurvey 6 Diagnostics – catch, age 3

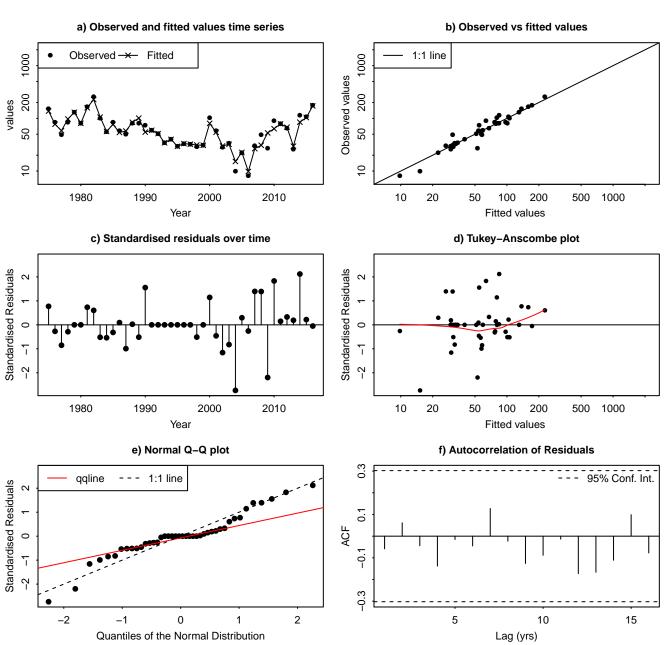


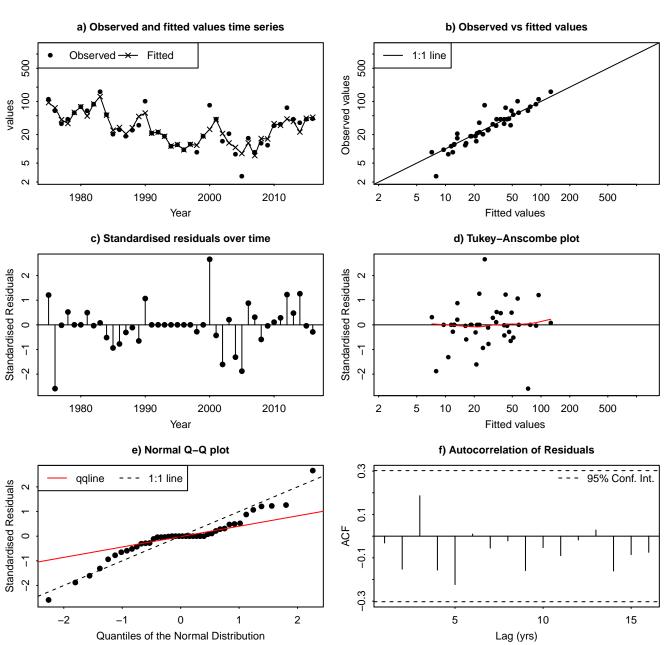


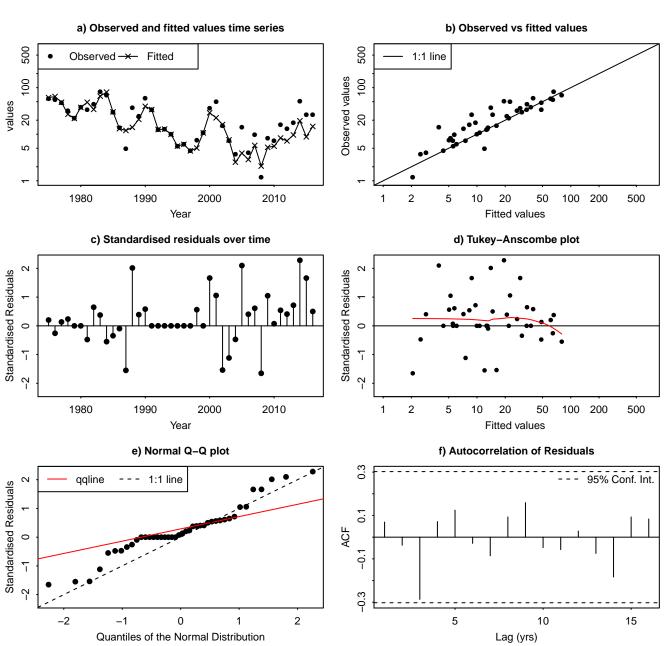
Turbot in IV pgSurvey 6 Diagnostics - catch, age 5



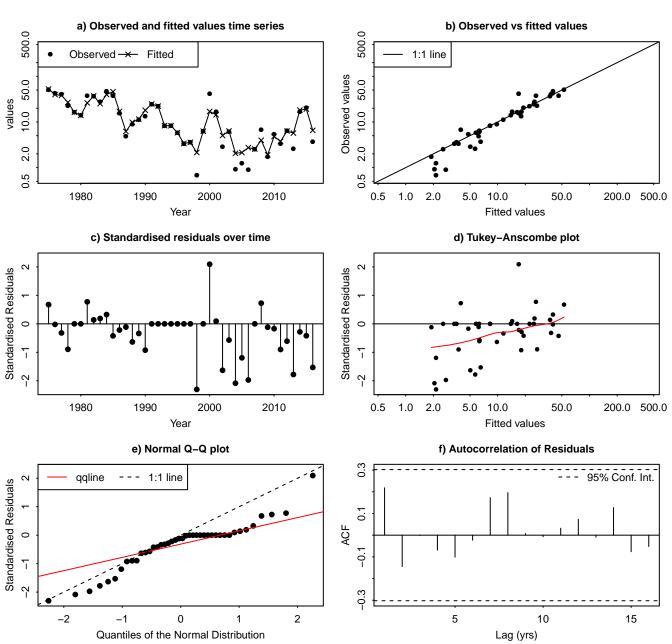
Turbot in IV pgSurvey 6 Diagnostics - catch, age 6

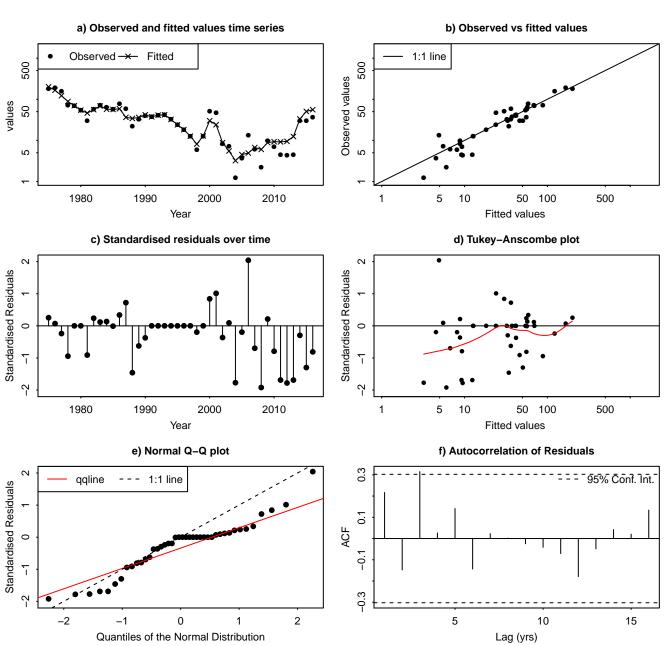




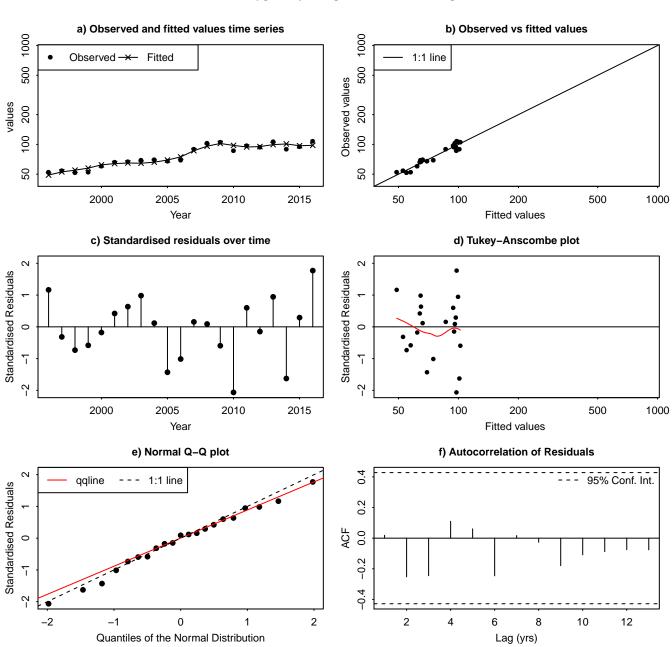


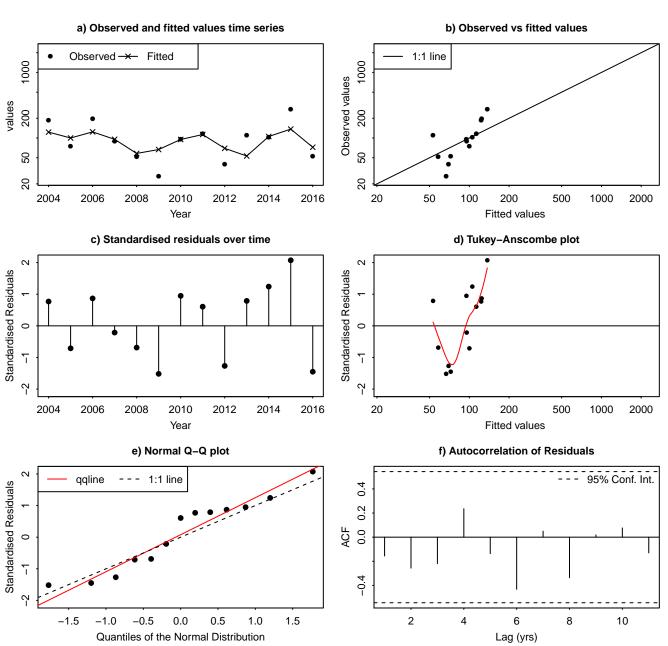
Turbot in IV pgSurvey 6 Diagnostics – catch, age 9

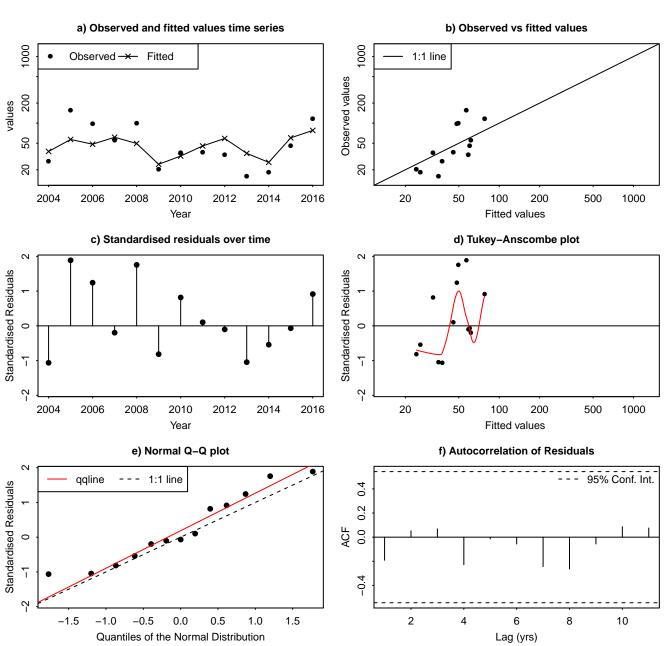


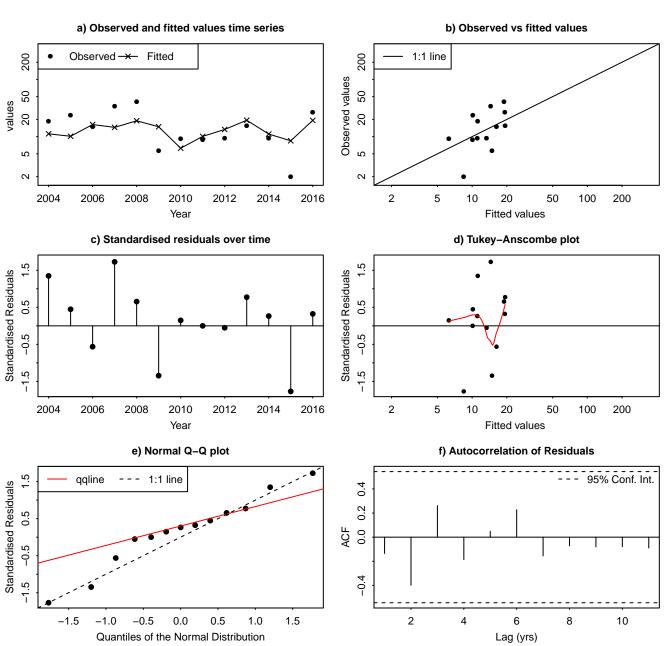


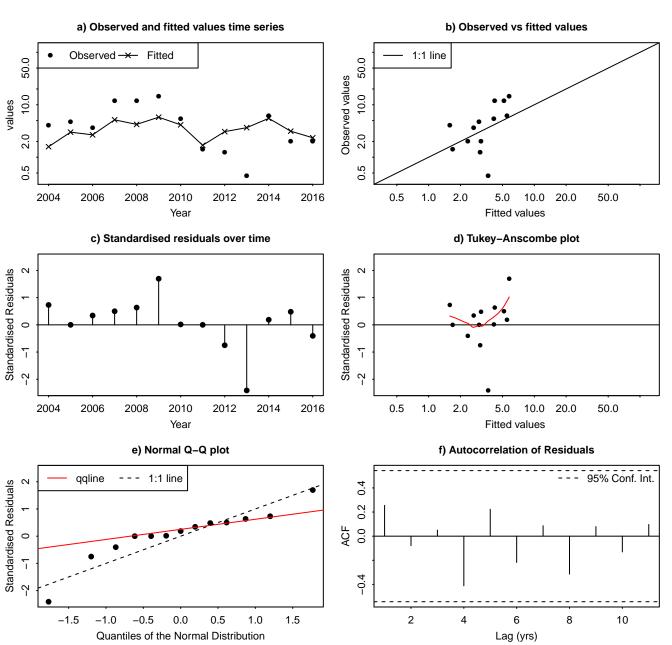
Turbot in IV pgSurvey 6 Diagnostics – NL\_LPUE, age –1

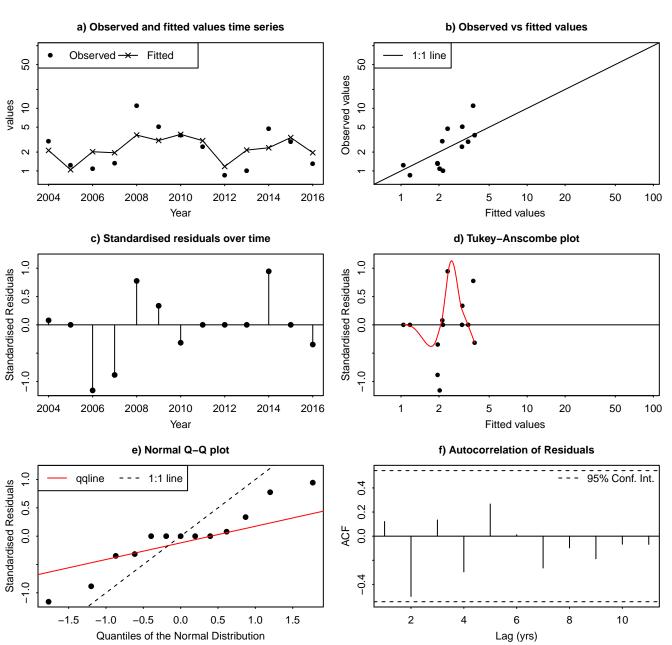




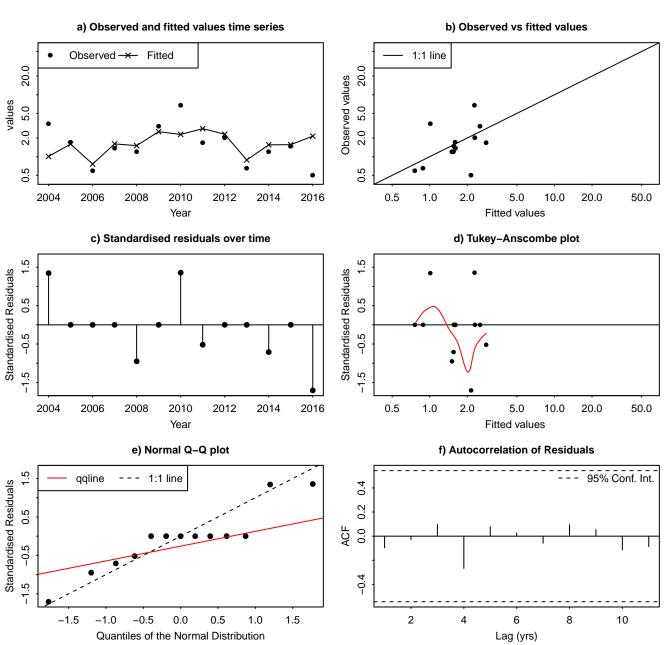




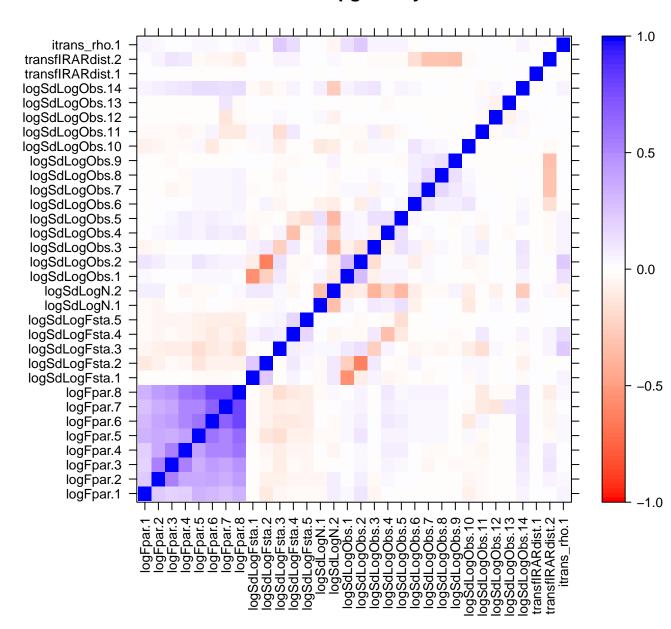




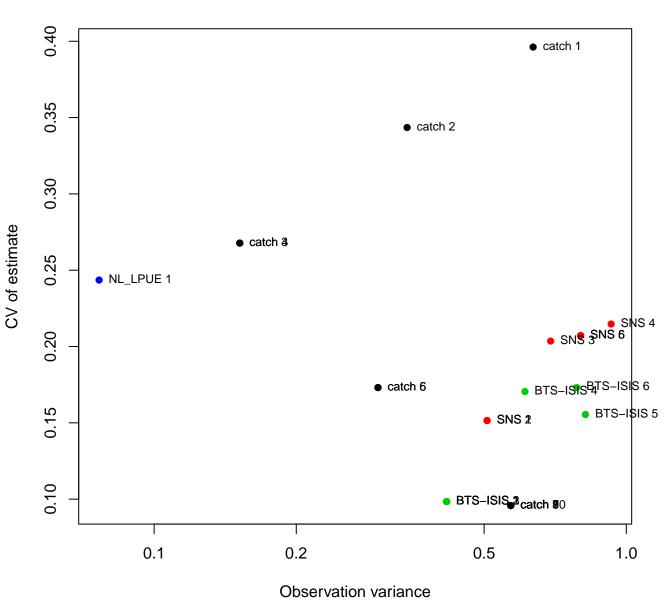
Turbot in IV pgSurvey 6 Diagnostics - SNS, age 6



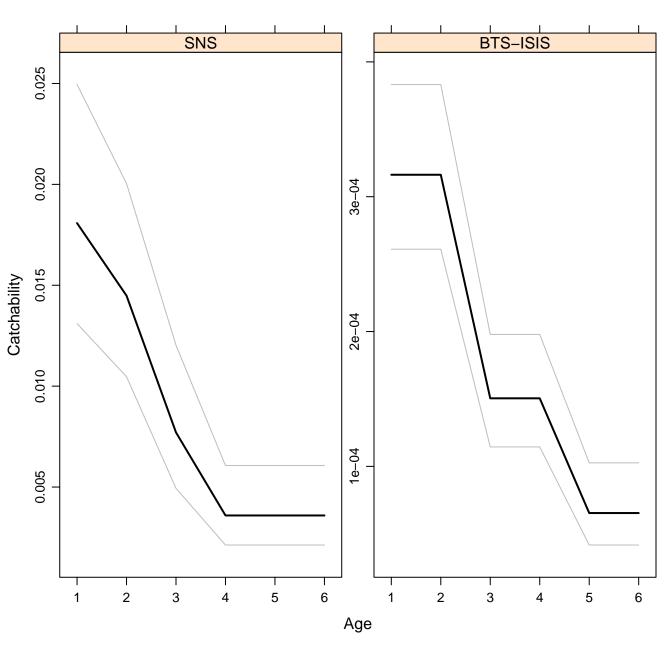
#### Turbot in IV pgSurvey 6



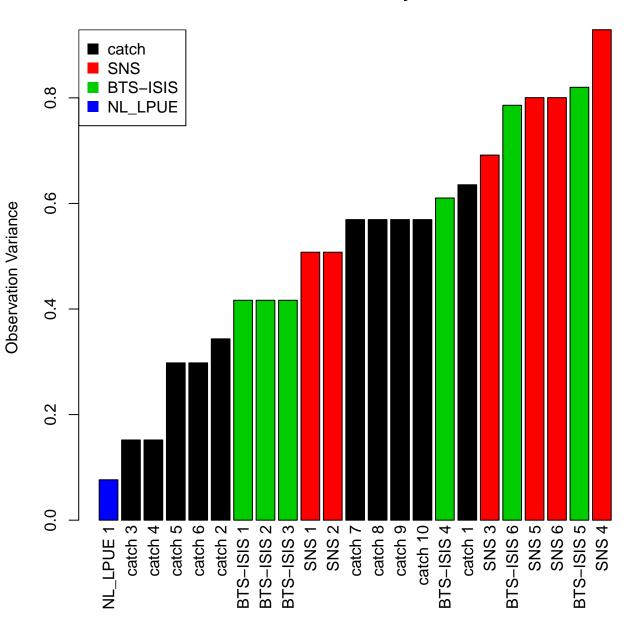
## **Observation variance vs uncertainty**



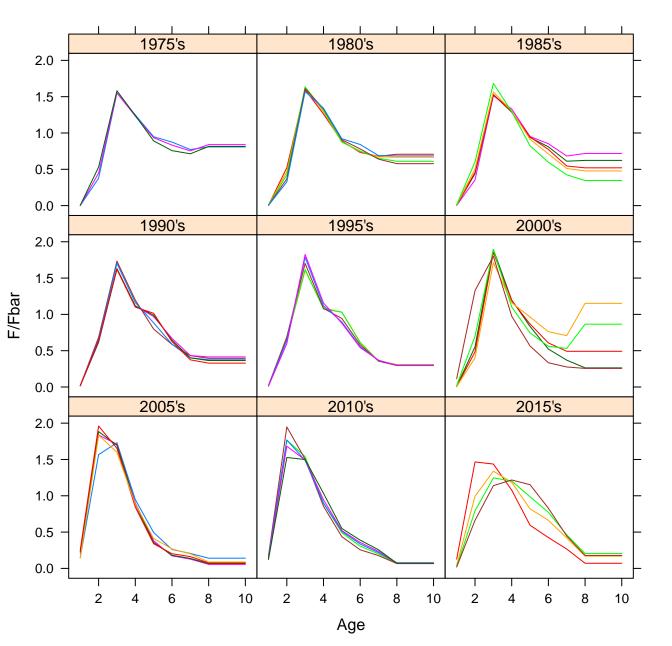
Survey catchability parameters



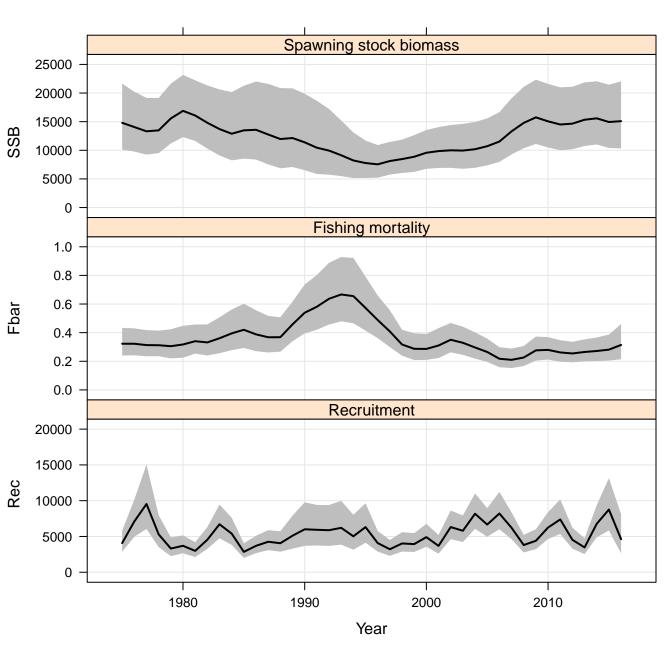
### Observation variances by data source



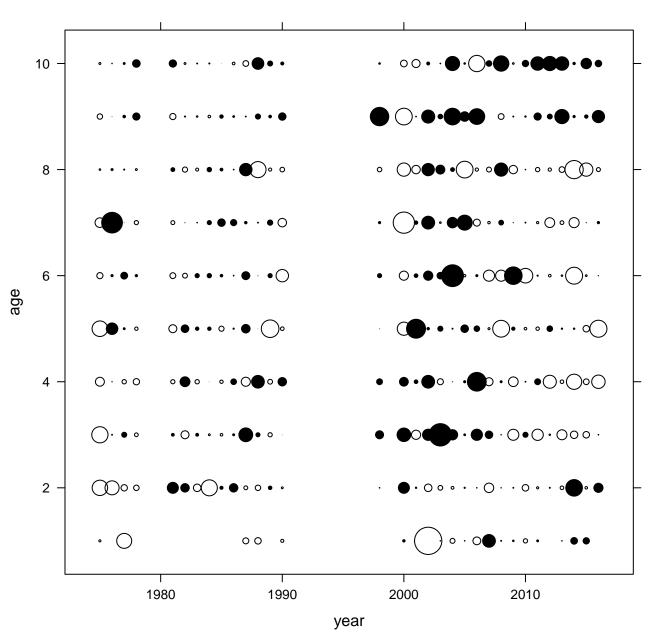
## Selectivity of the Fishery by Pentad



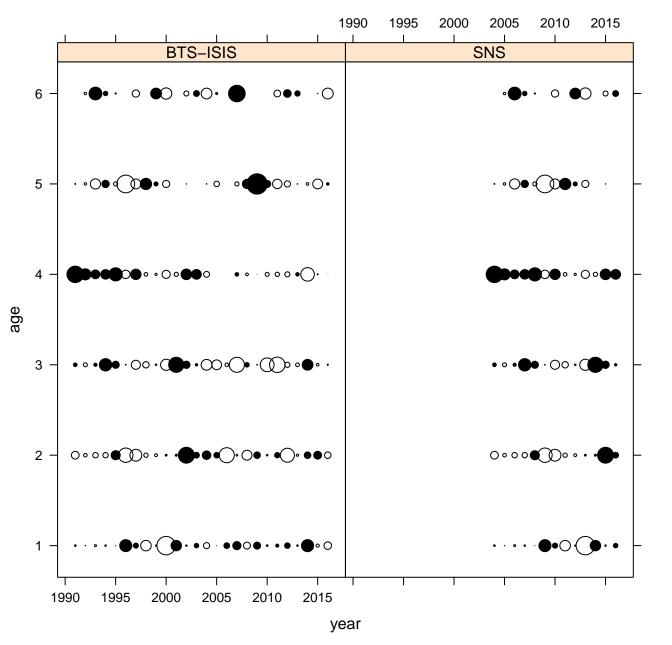
**Turbot in IV pgSurvey 6** 



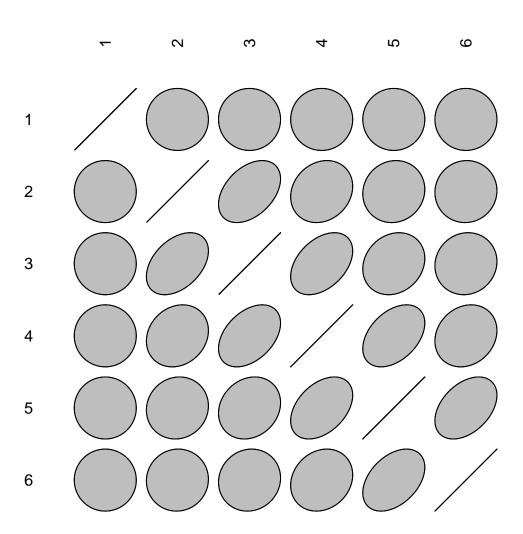
# Residuals by year Catch

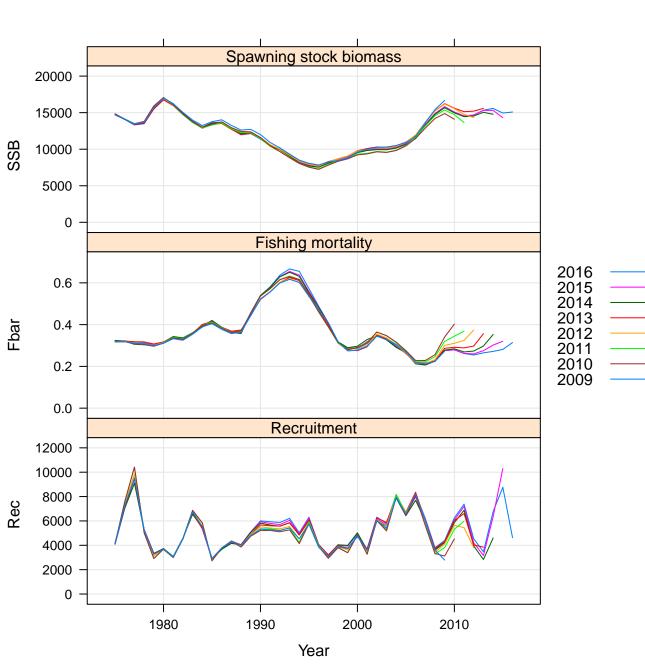


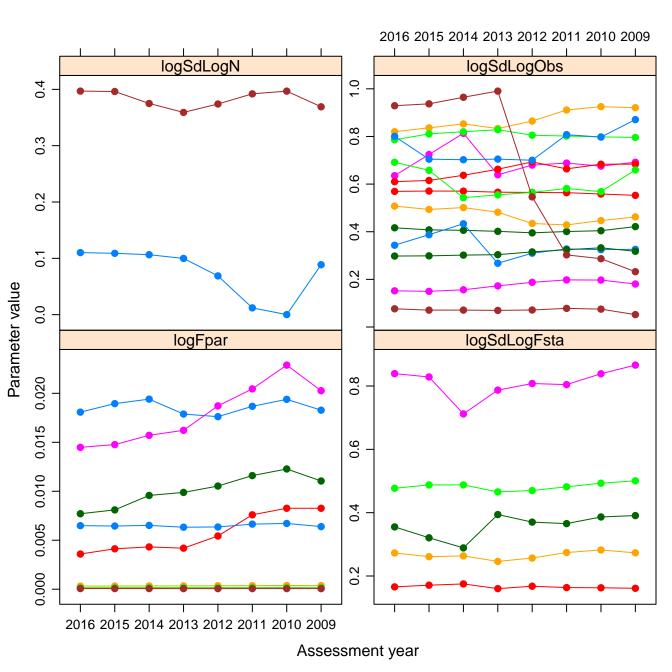
# Residuals by survey

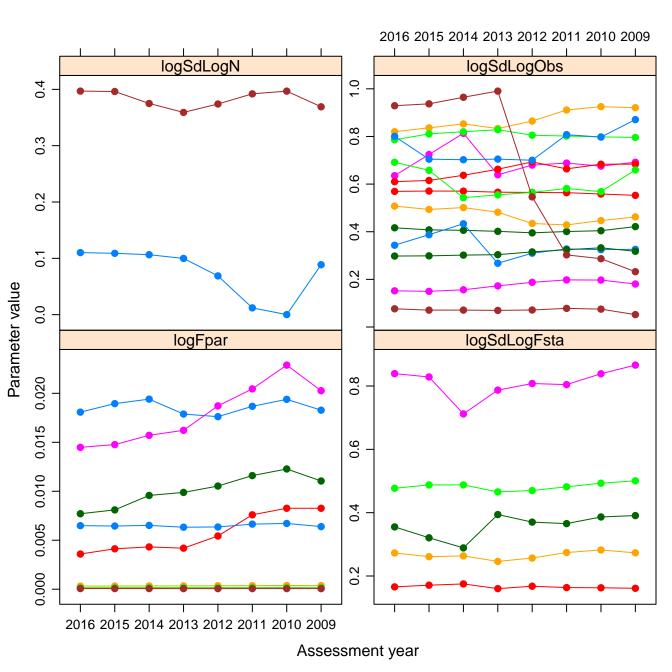


## **SNS**









## Retrospective pattern in F at age

