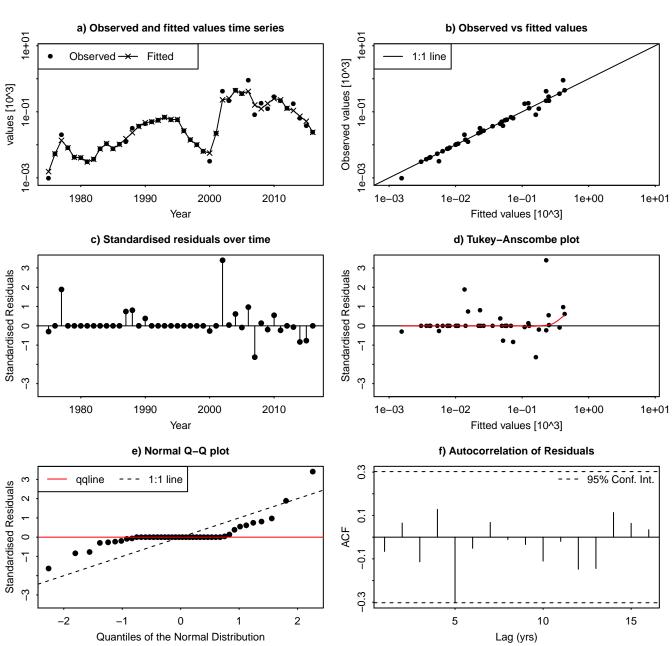
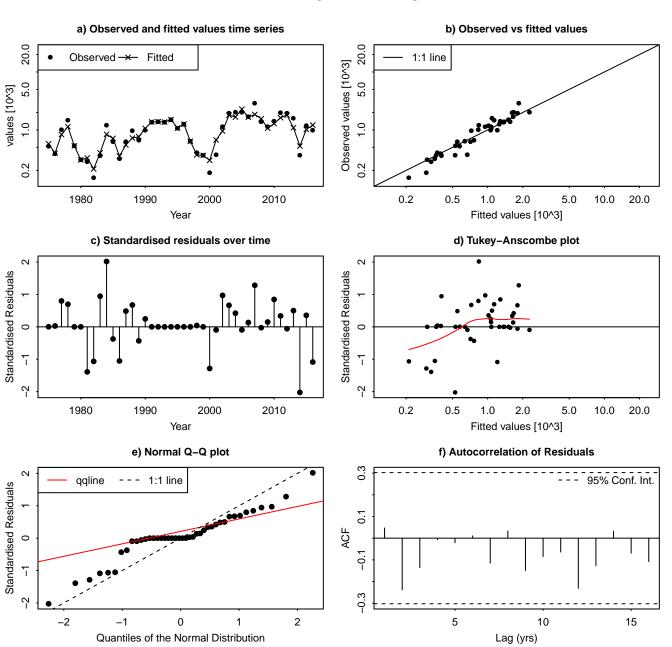
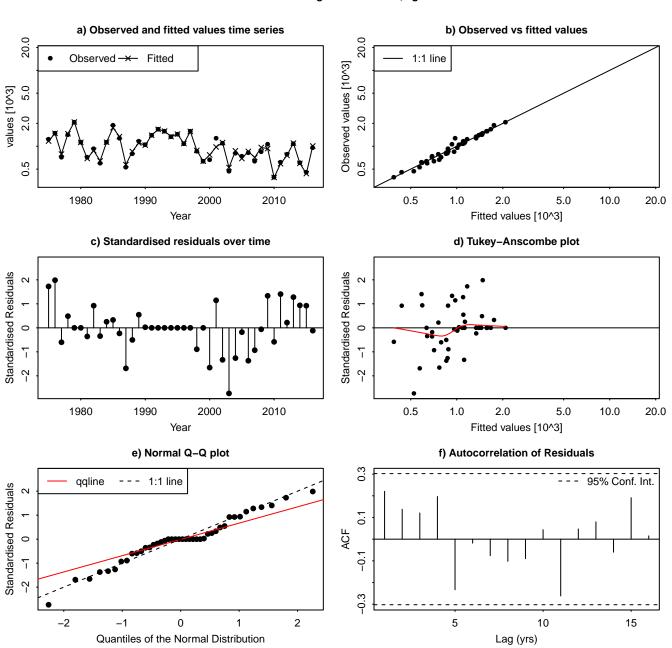


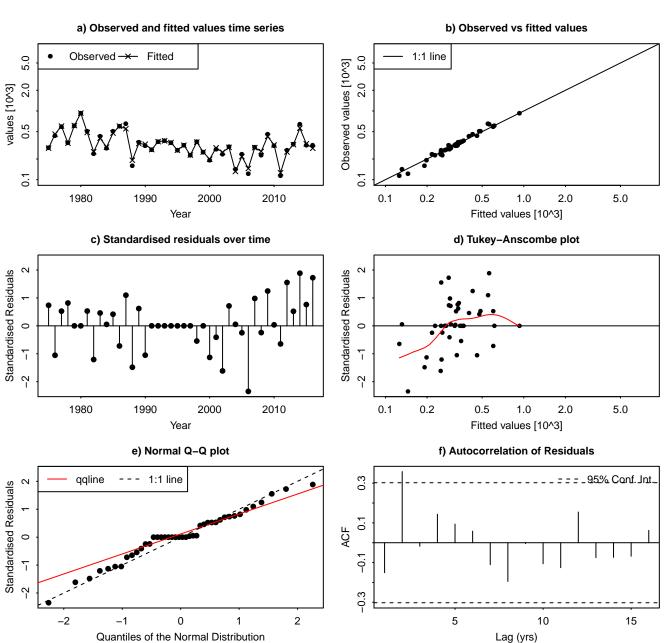
Turbot in IV Diagnostics – catch, age 1

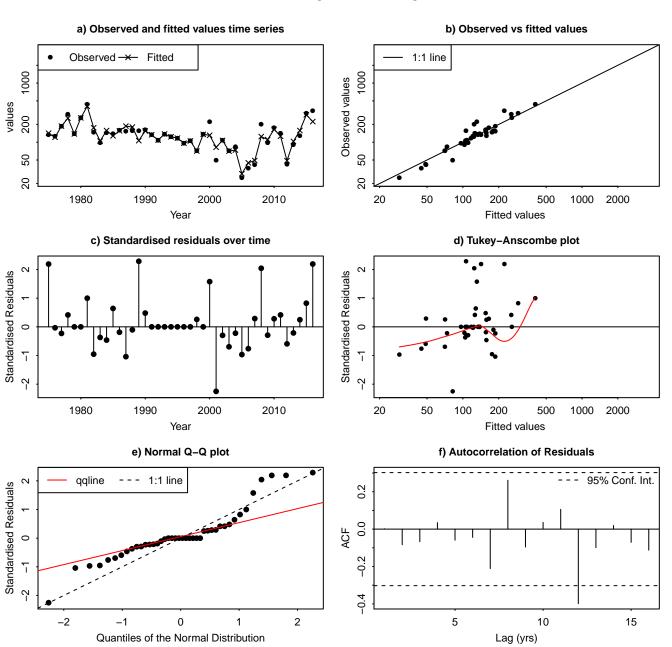




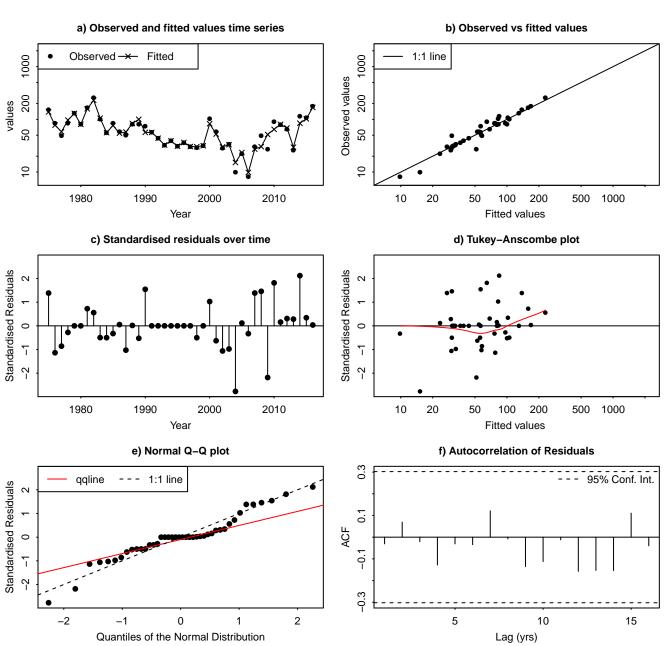
Turbot in IV Diagnostics – catch, age 3

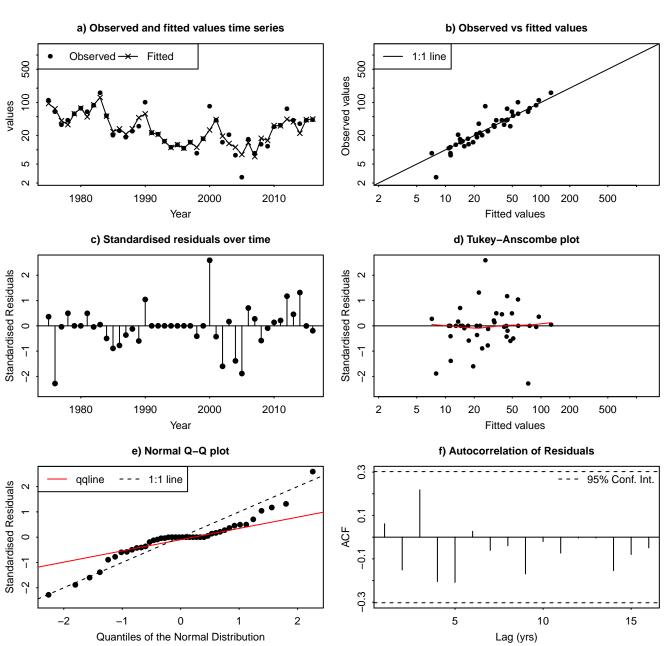


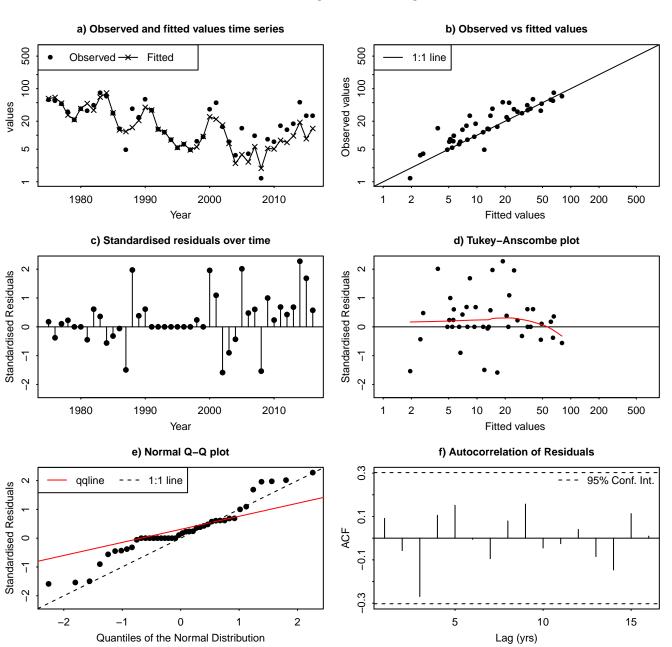




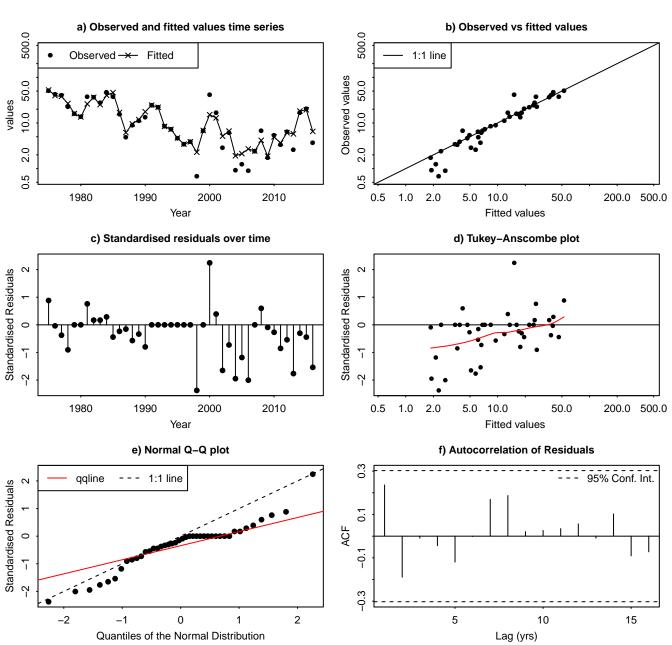
Turbot in IV Diagnostics - catch, age 6

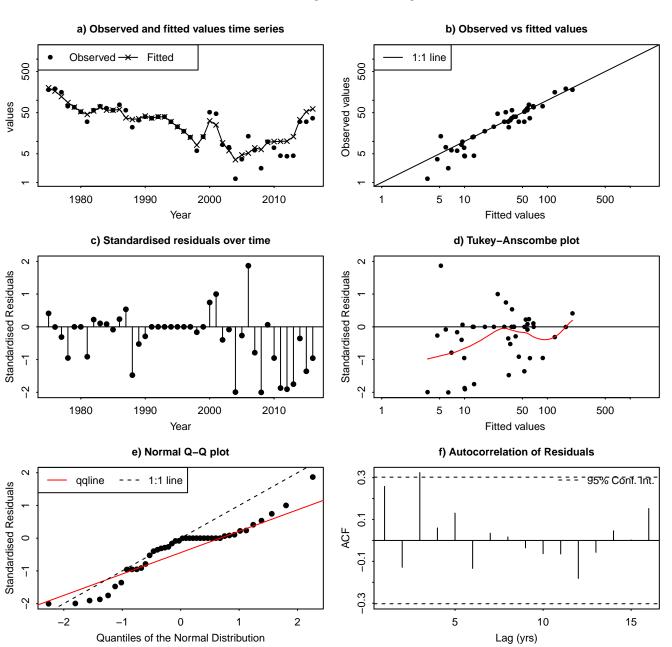


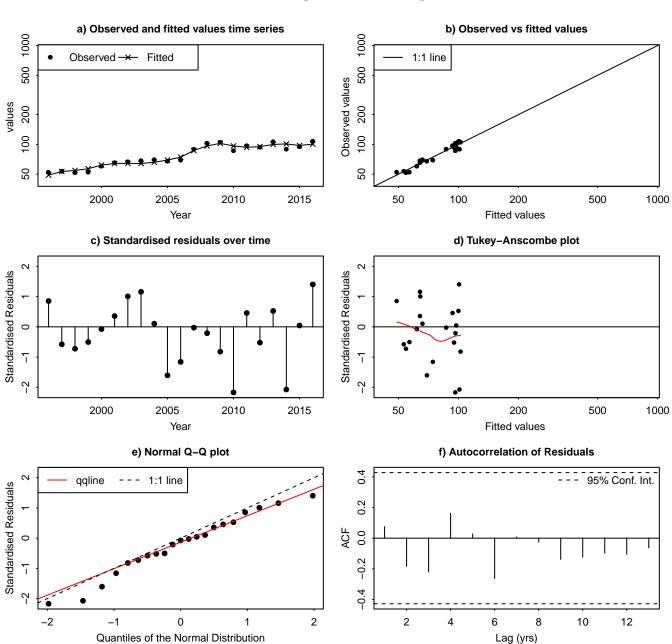


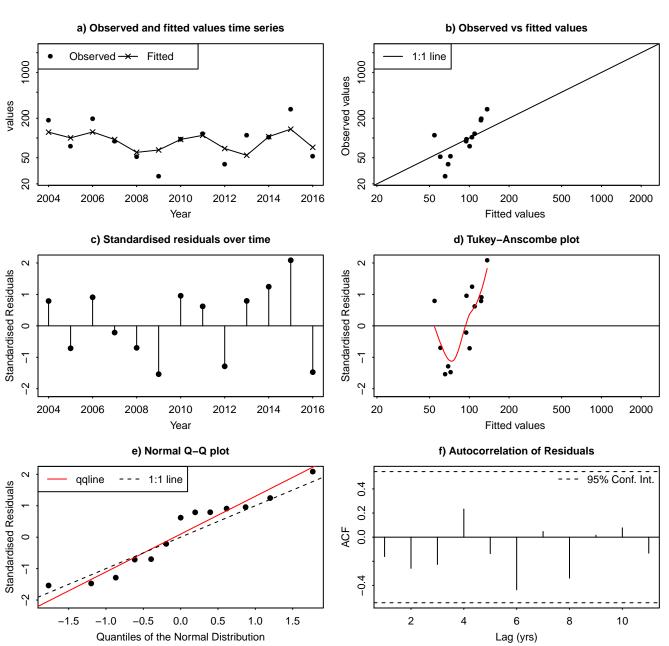


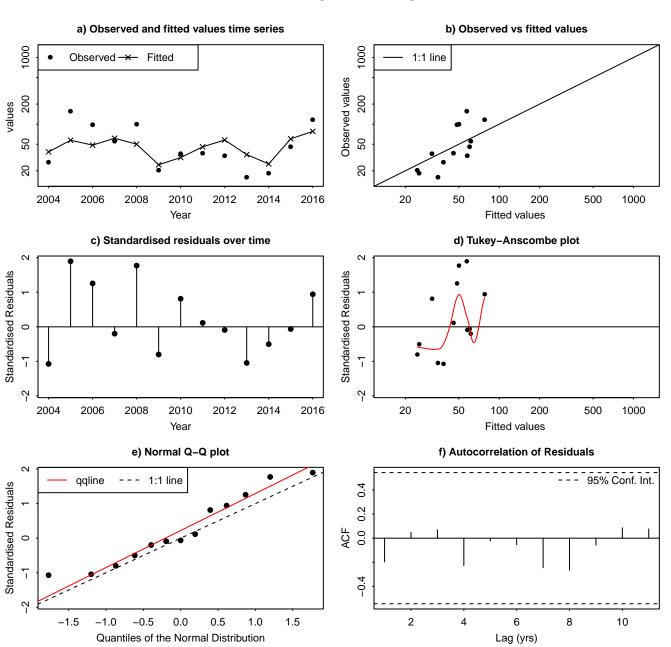
Turbot in IV Diagnostics - catch, age 9

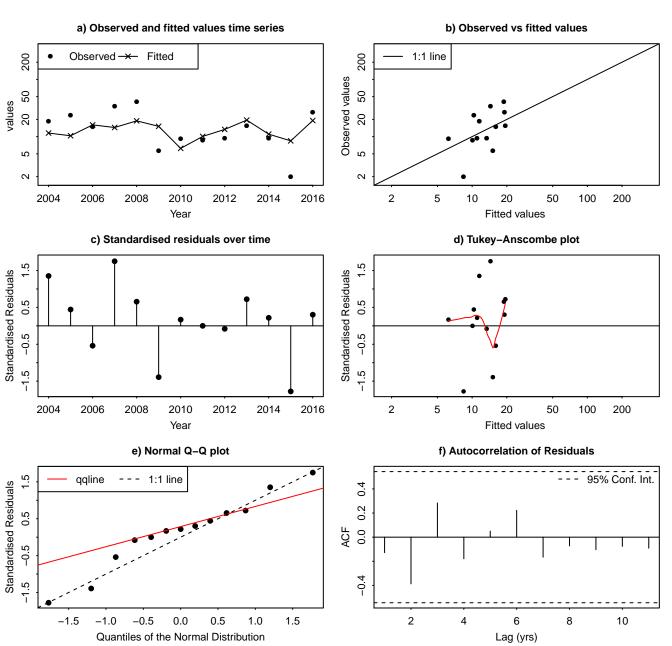


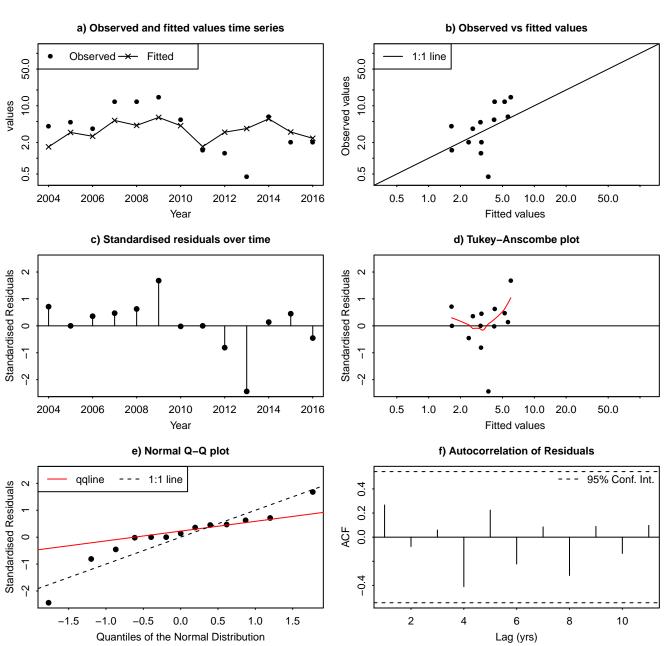


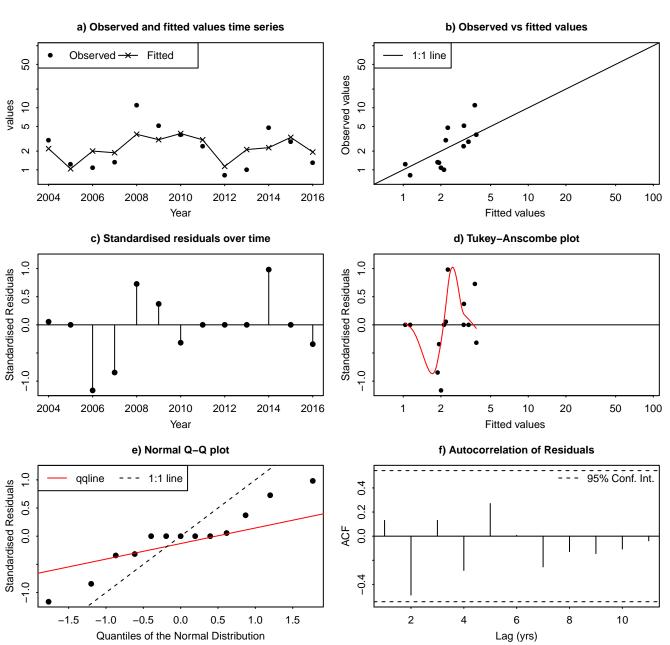


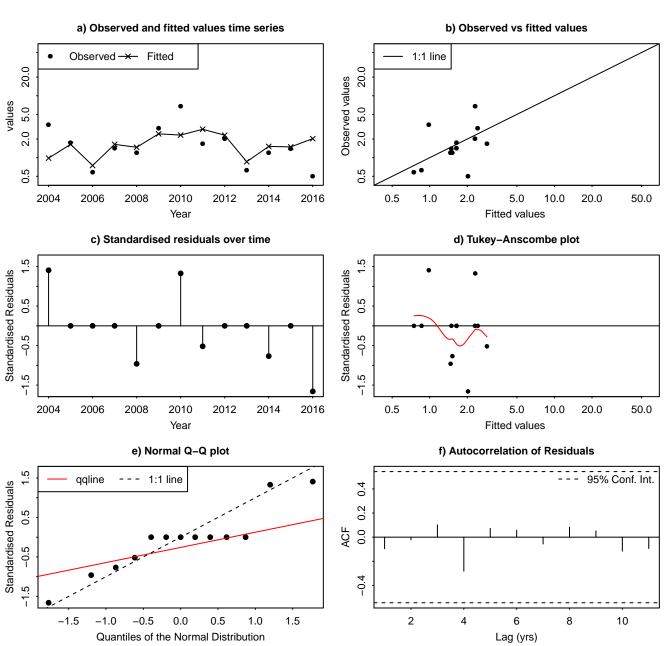




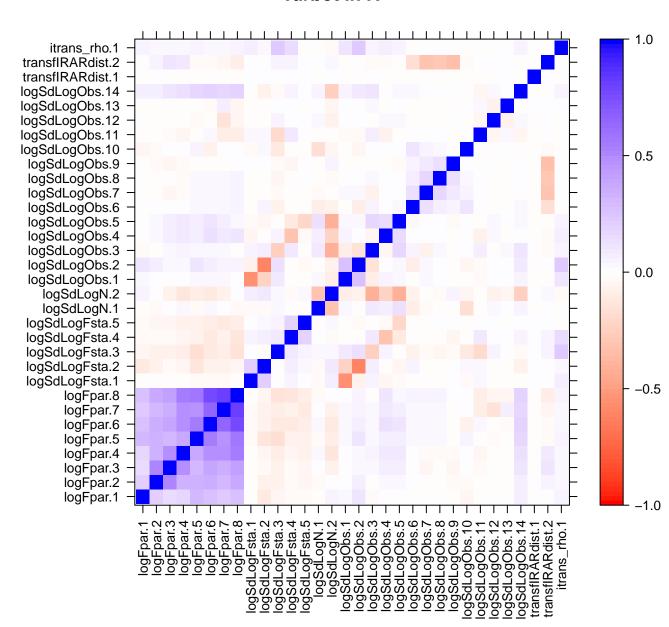




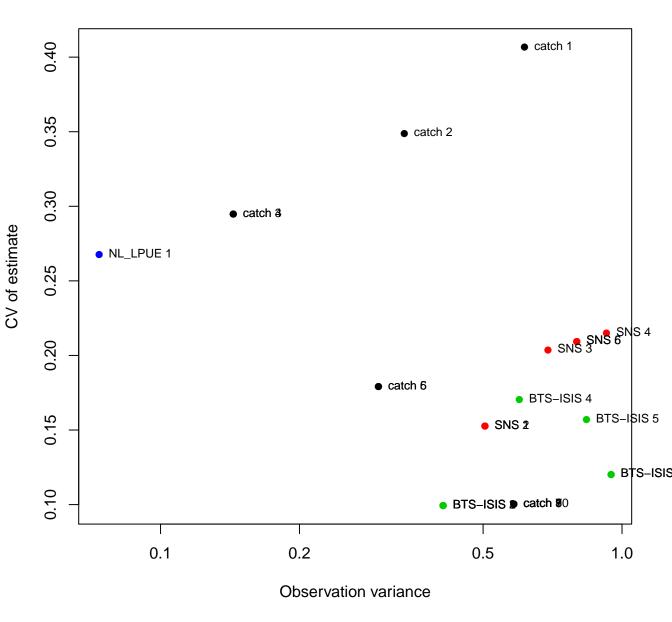




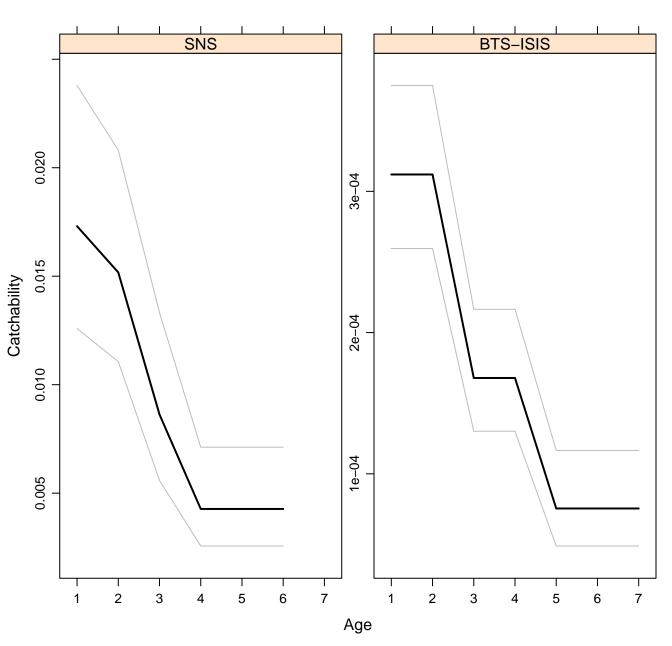
#### **Turbot in IV**



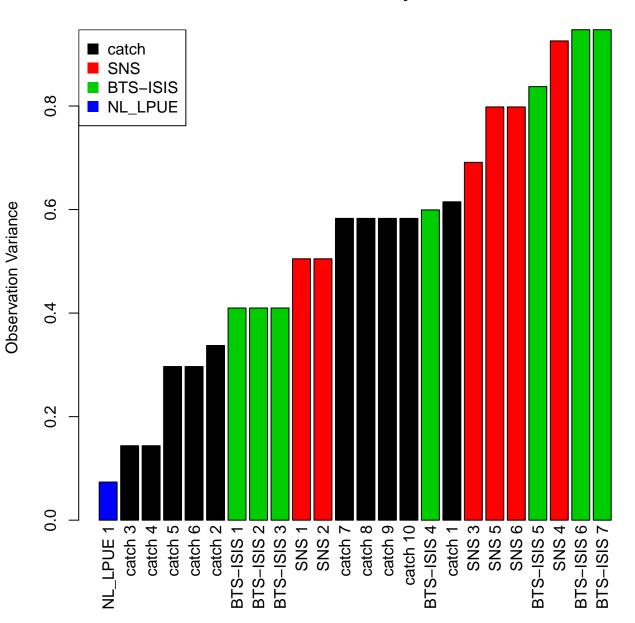
### **Observation variance vs uncertainty**



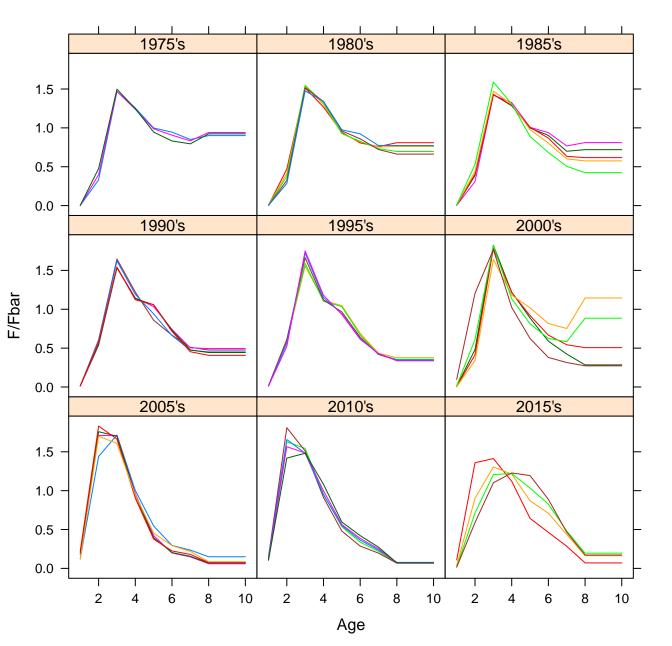
Survey catchability parameters



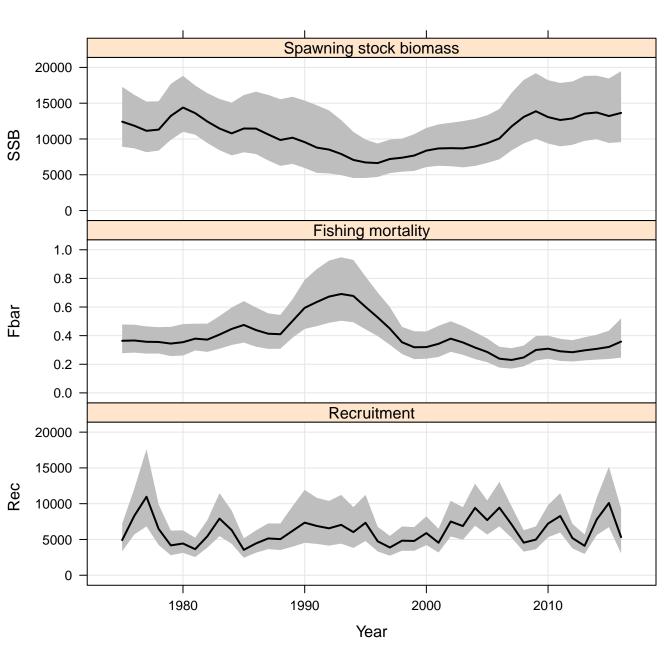
### Observation variances by data source



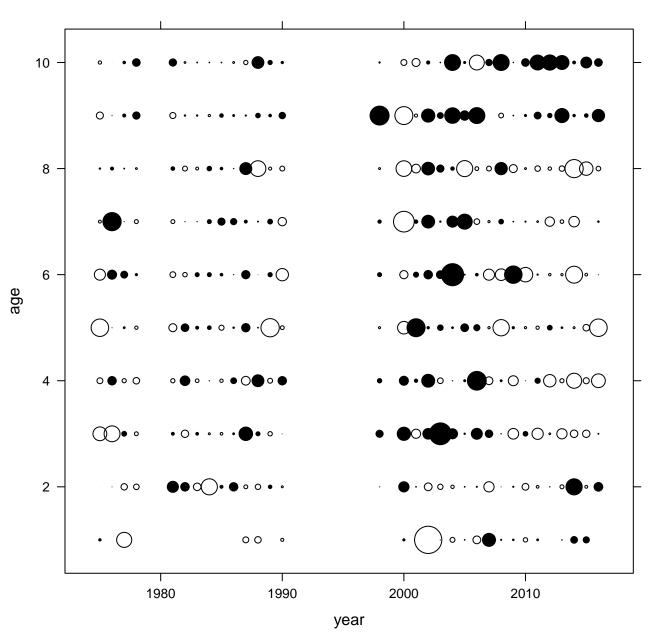
# Selectivity of the Fishery by Pentad



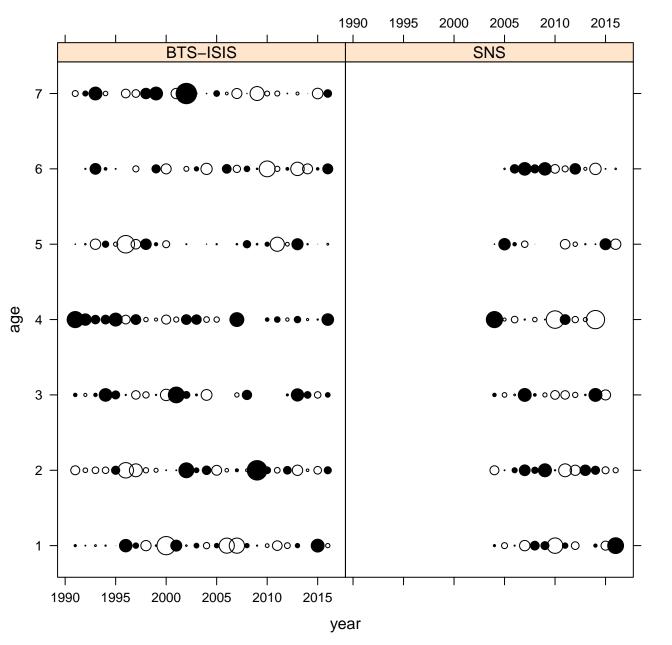
Turbot in IV



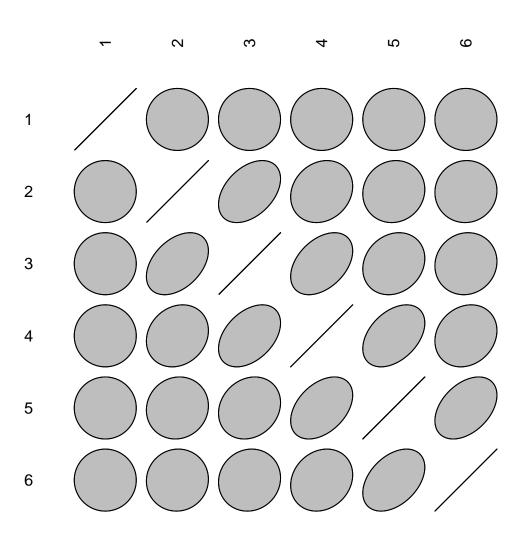
# Residuals by year Catch

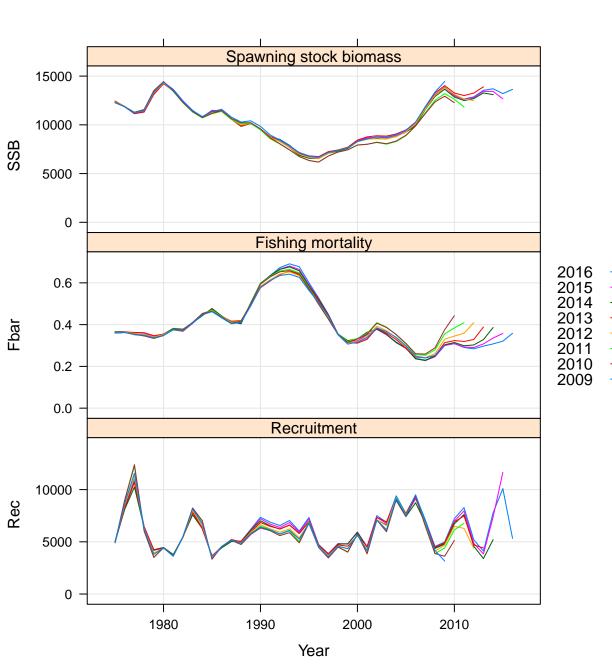


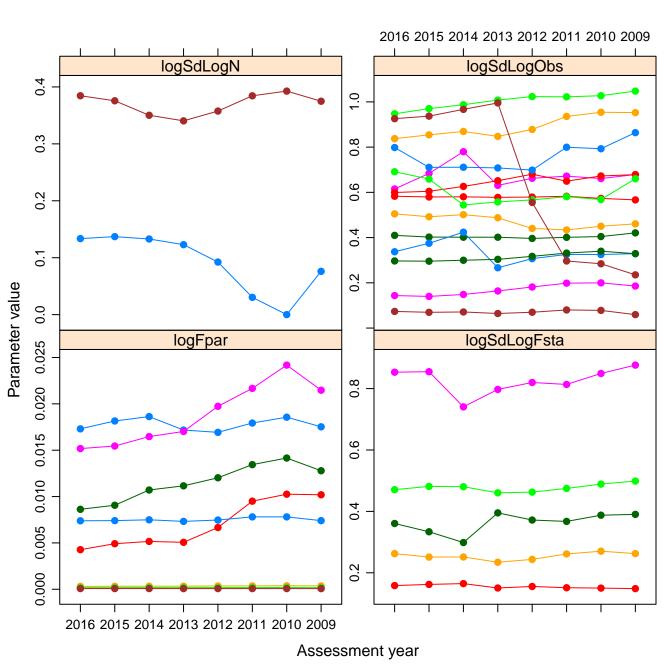
# Residuals by survey

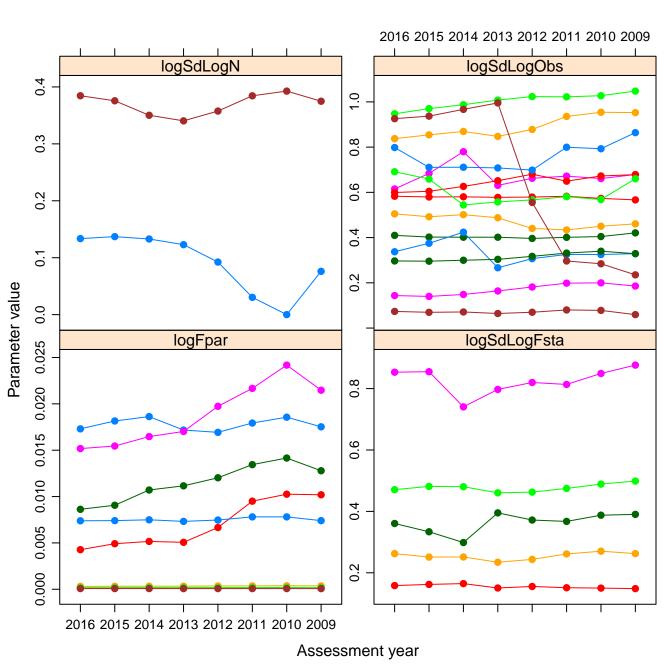


## **SNS**









### Retrospective pattern in F at age

