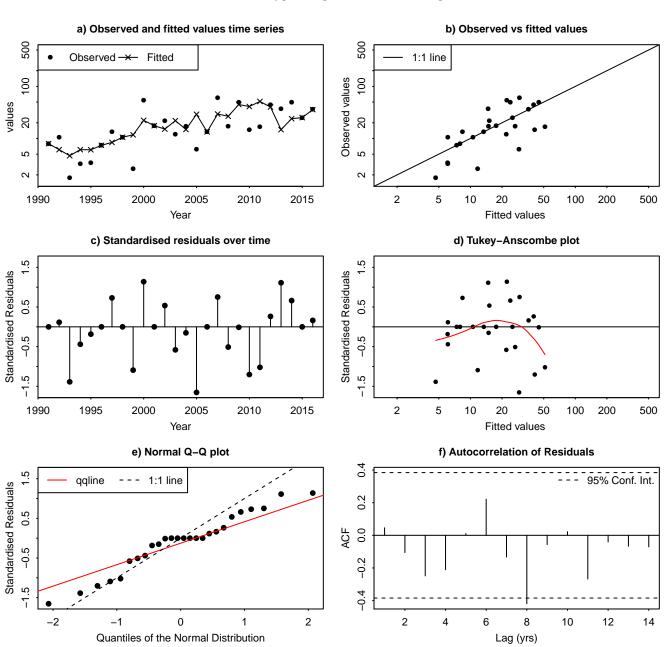
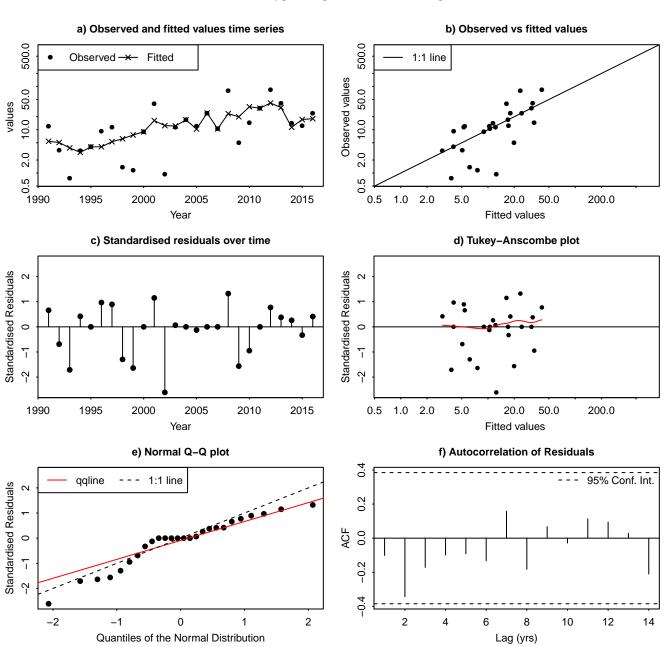
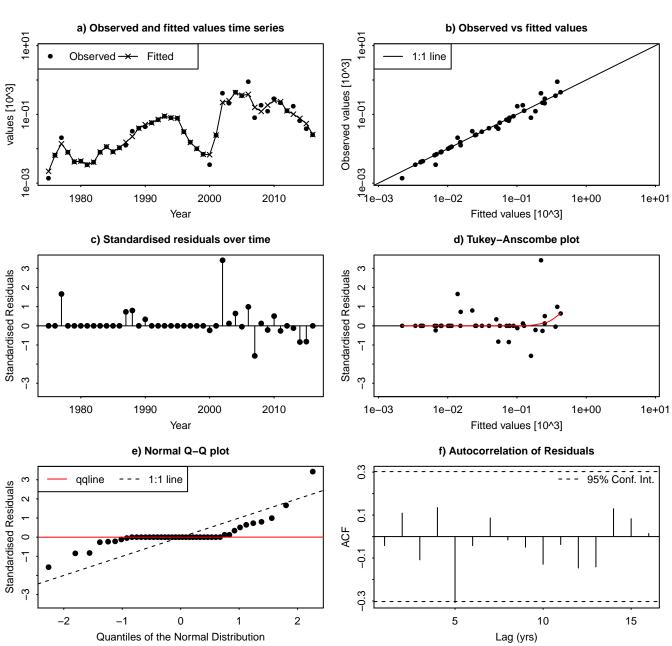


Turbot in IV pg 10 Diagnostics - BTS-ISIS, age 6

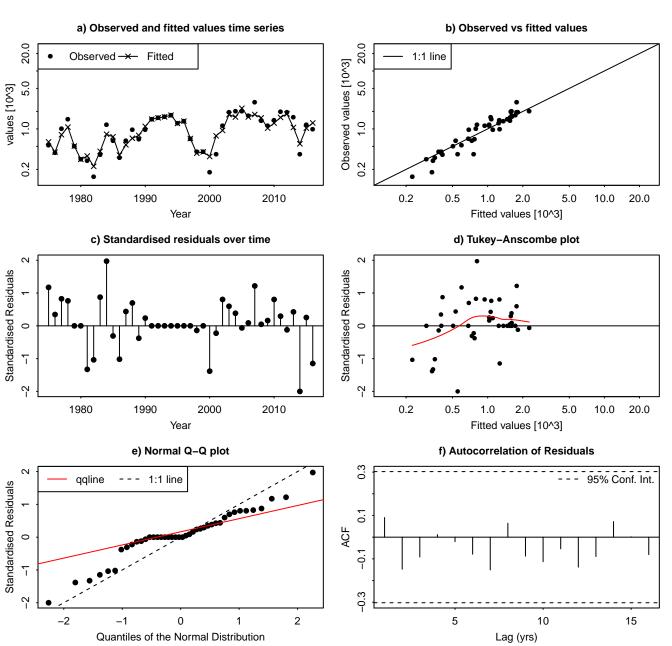




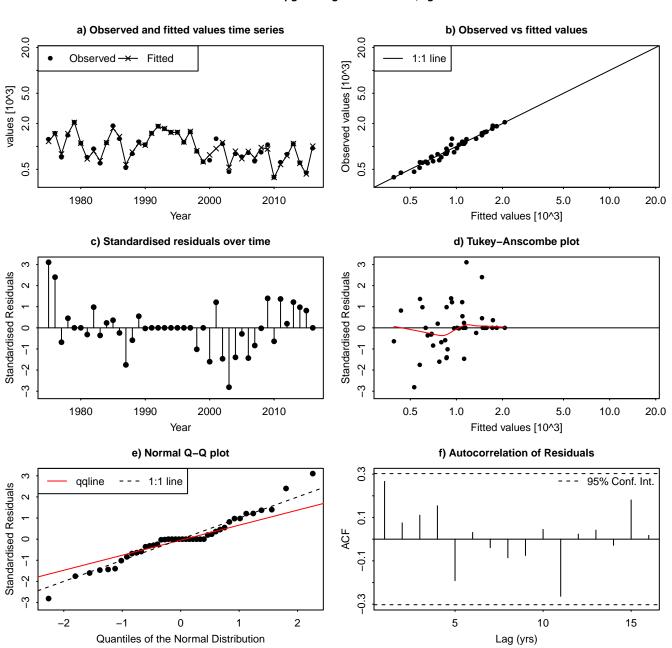
Turbot in IV pg 10 Diagnostics – catch, age 1



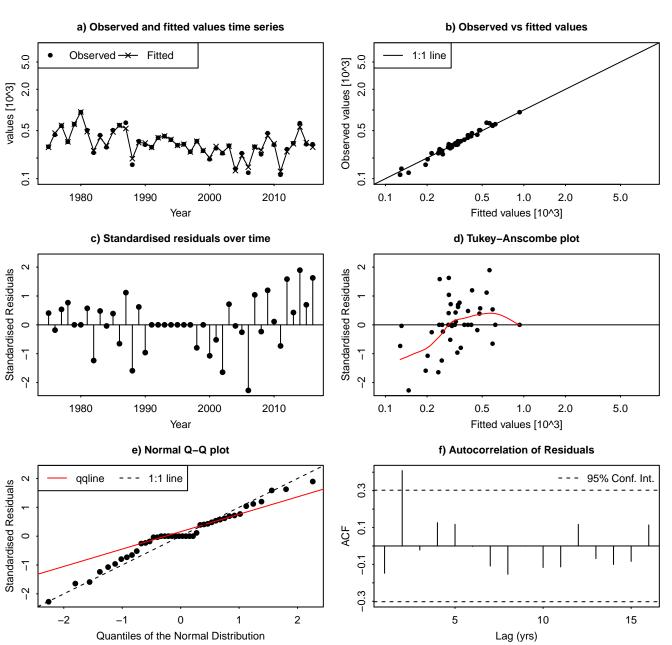
Turbot in IV pg 10 Diagnostics – catch, age 2



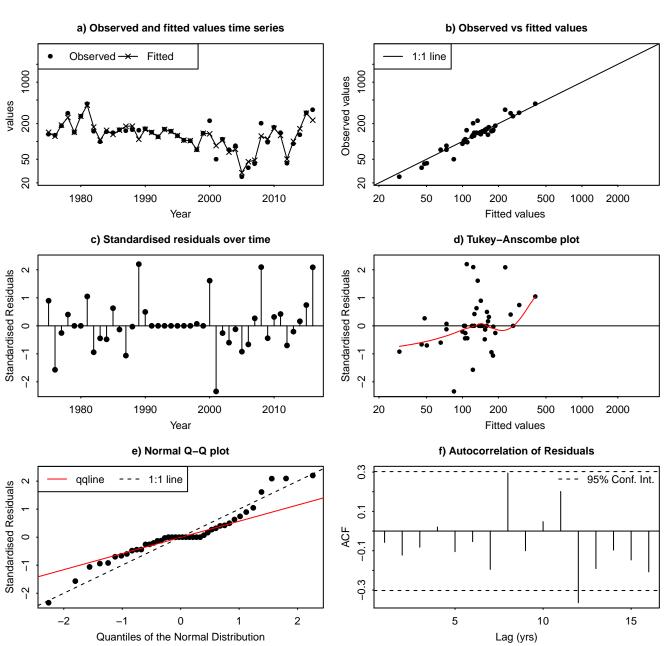
Turbot in IV pg 10 Diagnostics – catch, age 3



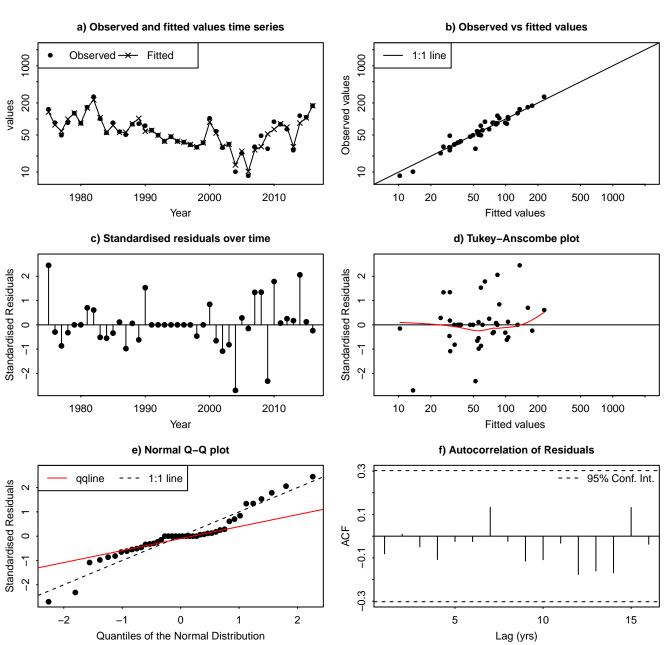
Turbot in IV pg 10 Diagnostics – catch, age 4

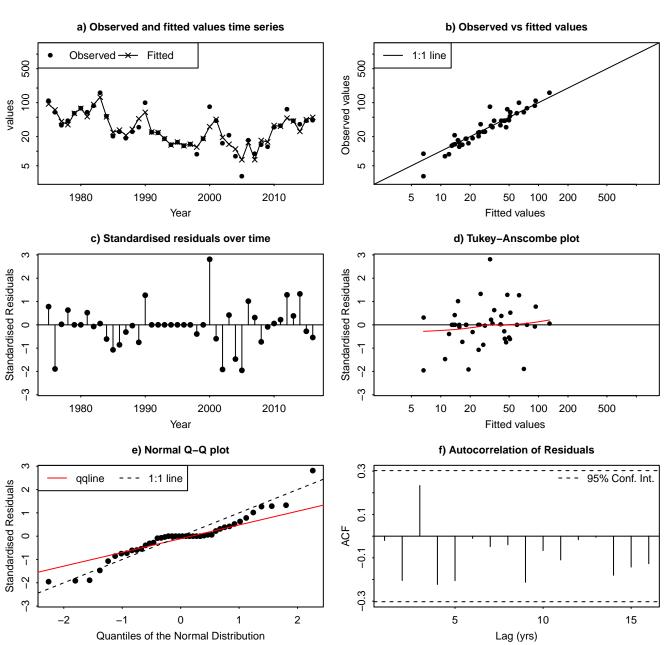


Turbot in IV pg 10 Diagnostics - catch, age 5

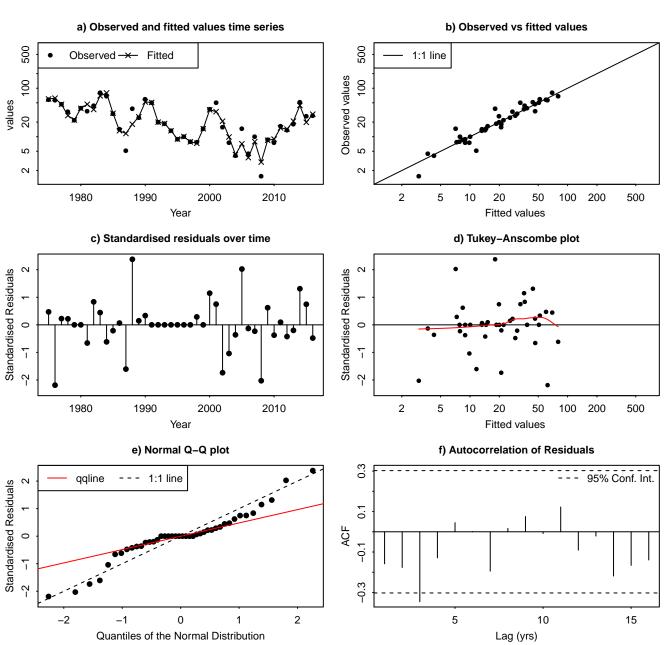


Turbot in IV pg 10 Diagnostics - catch, age 6

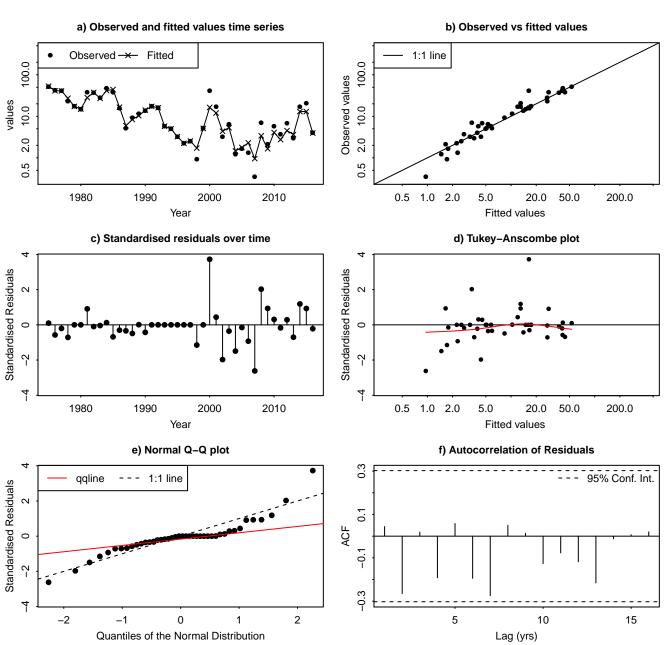




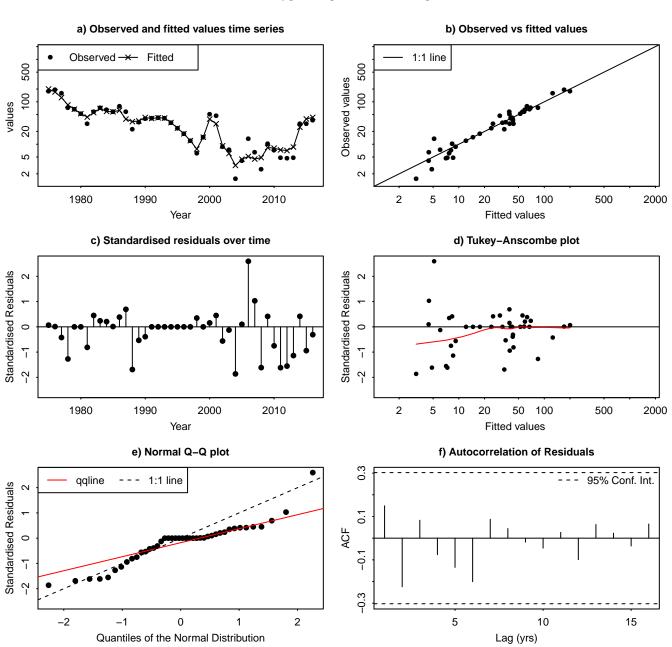
Turbot in IV pg 10 Diagnostics – catch, age 8



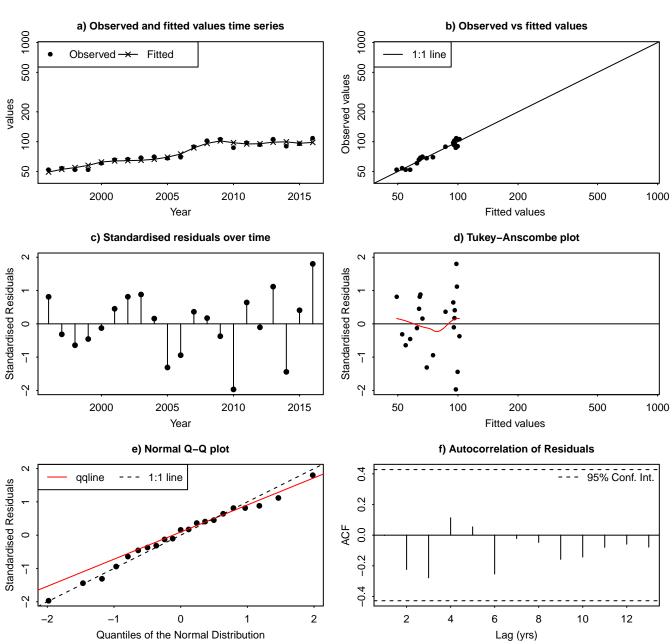
Turbot in IV pg 10 Diagnostics - catch, age 9

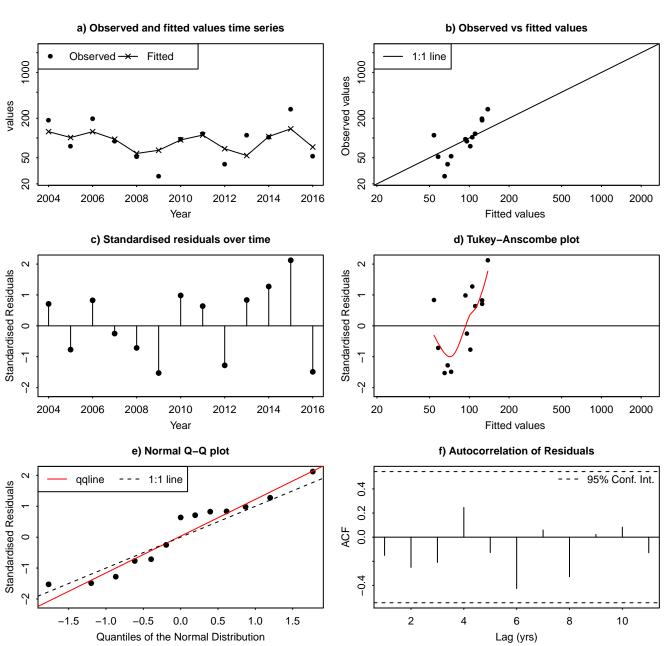


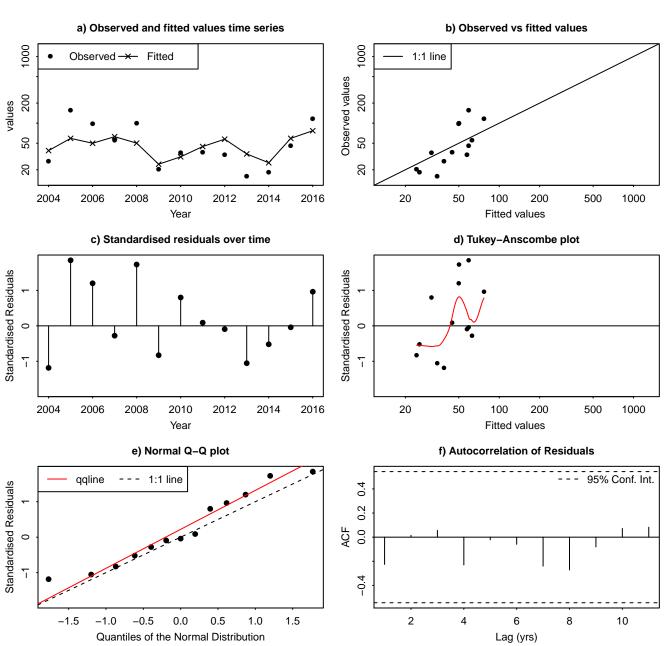
Turbot in IV pg 10 Diagnostics – catch, age 10

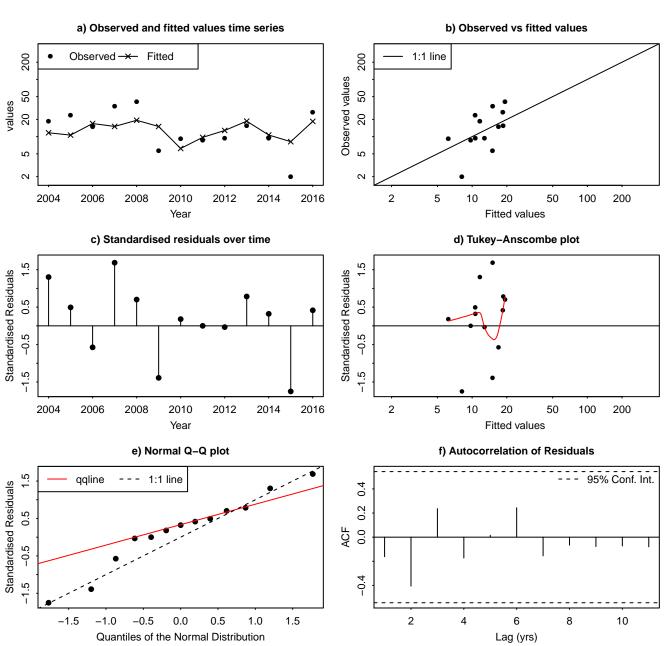


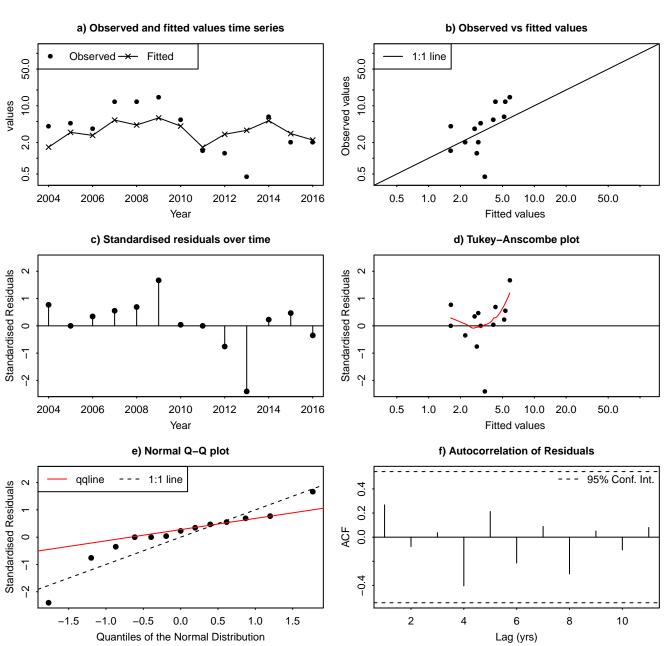
Turbot in IV pg 10 Diagnostics - NL\_LPUE, age -1



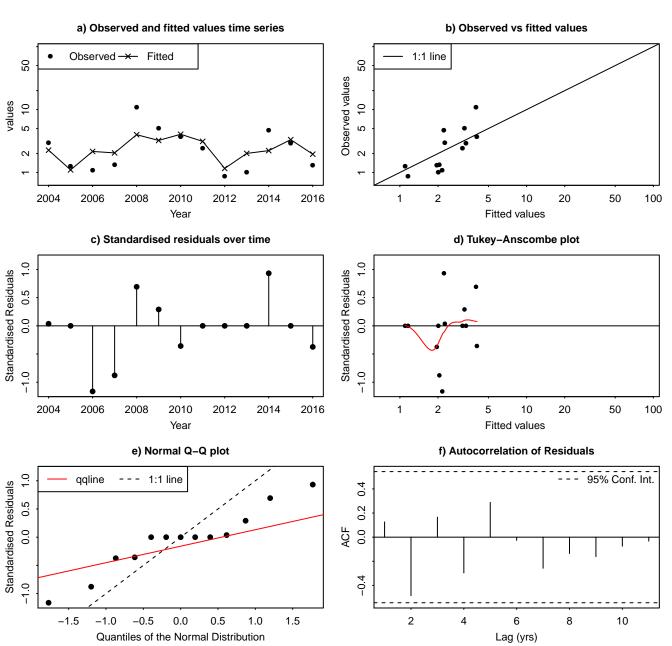




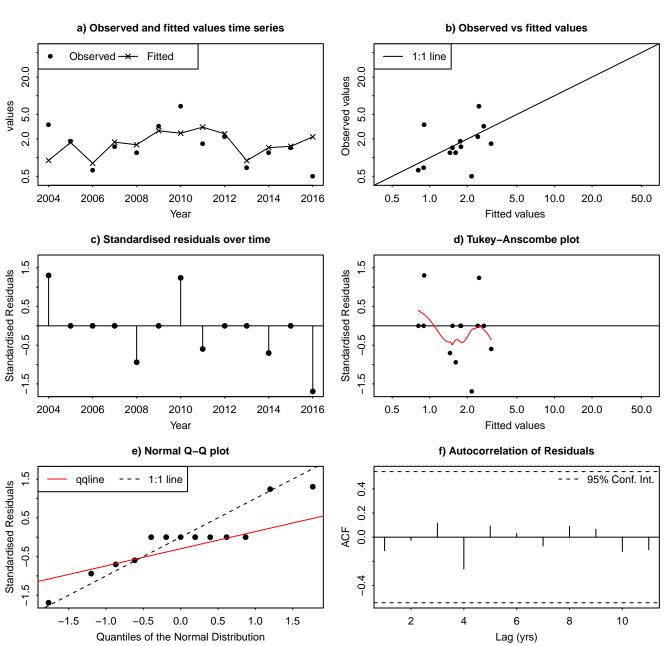




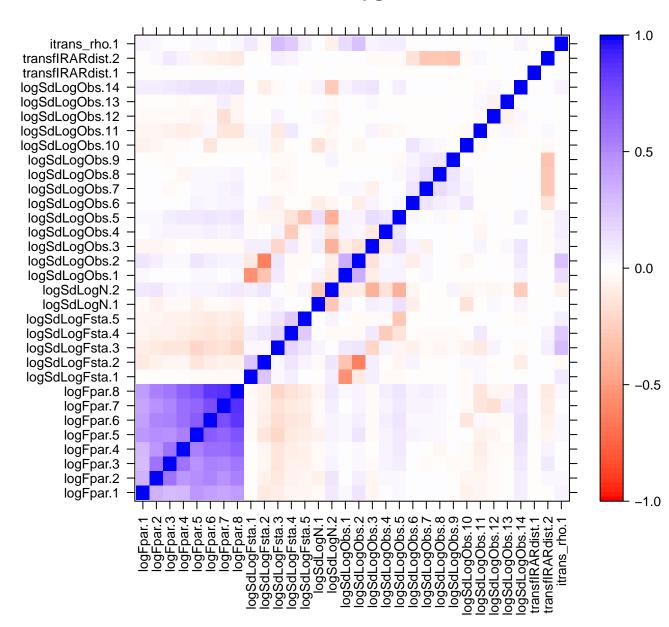
Turbot in IV pg 10 Diagnostics – SNS, age 5



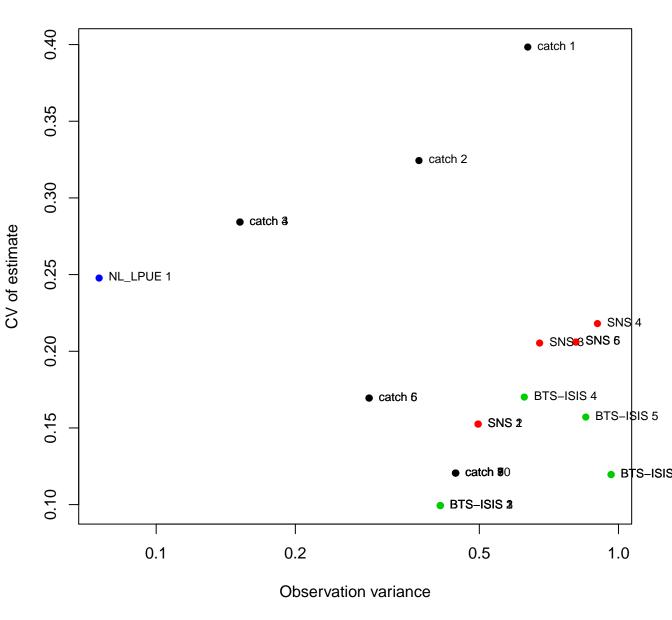
Turbot in IV pg 10 Diagnostics – SNS, age 6



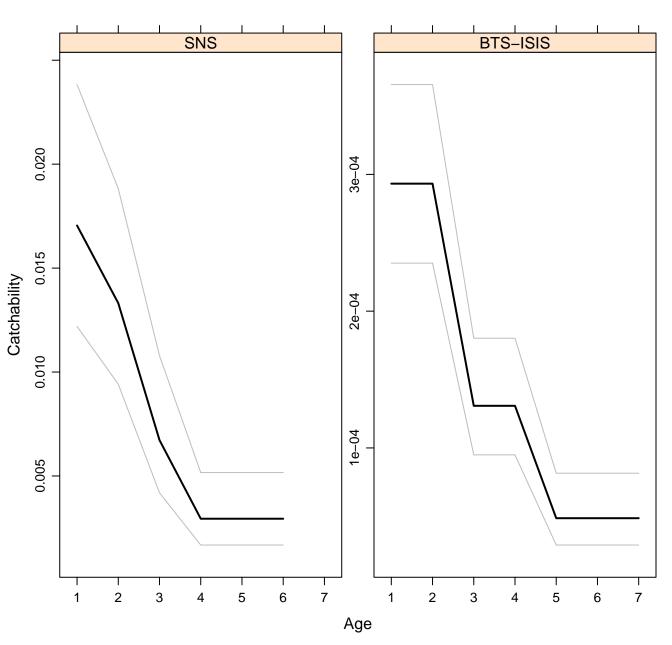
#### Turbot in IV pg 10



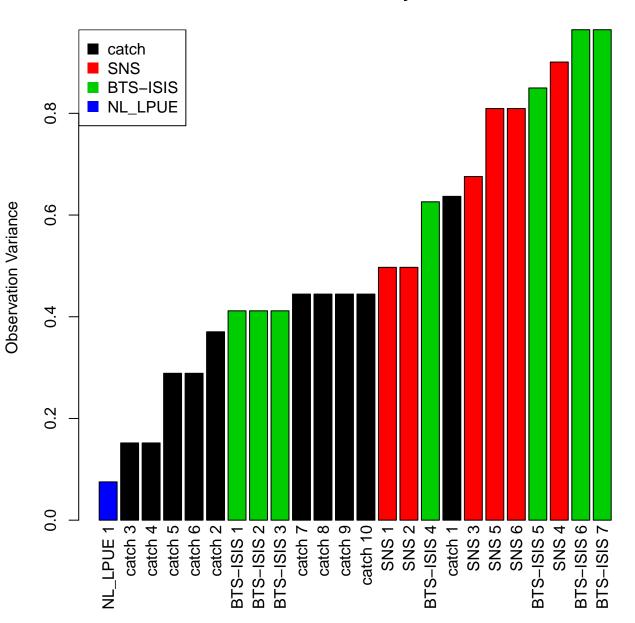
# Observation variance vs uncertainty



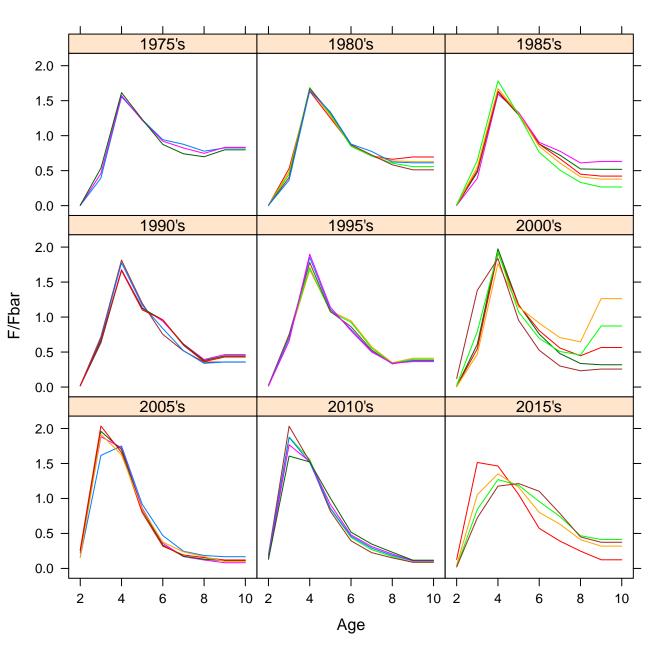
Survey catchability parameters



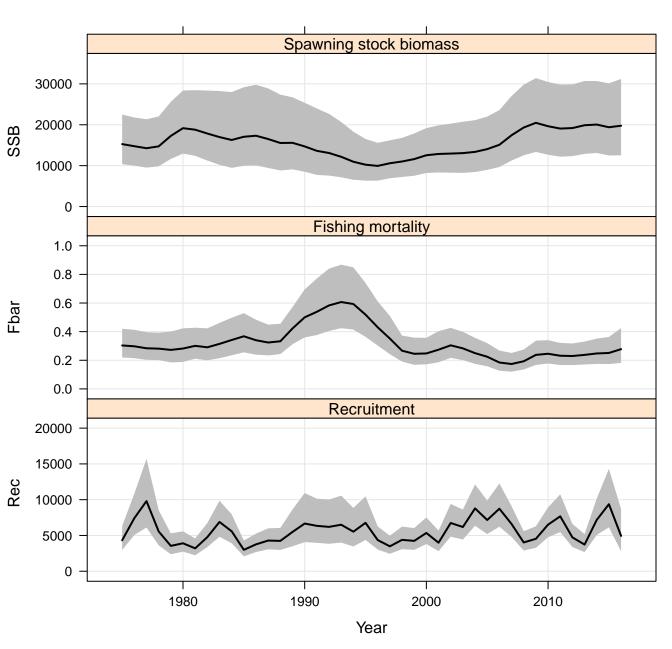
#### Observation variances by data source



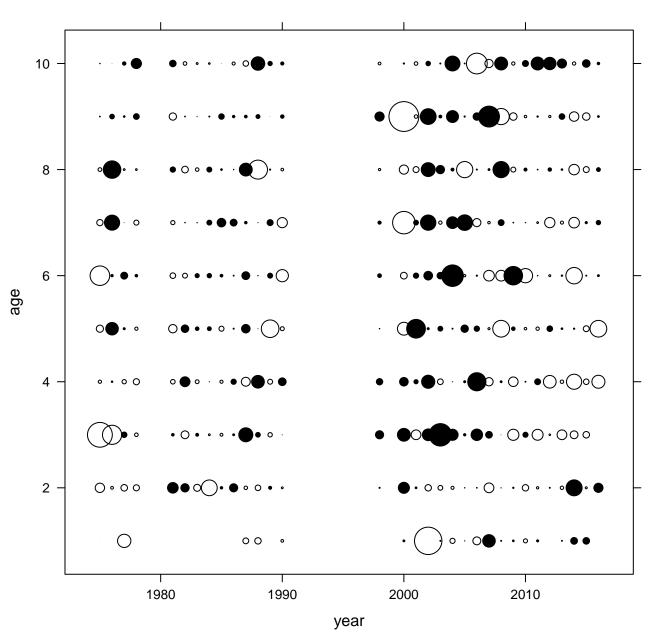
## Selectivity of the Fishery by Pentad



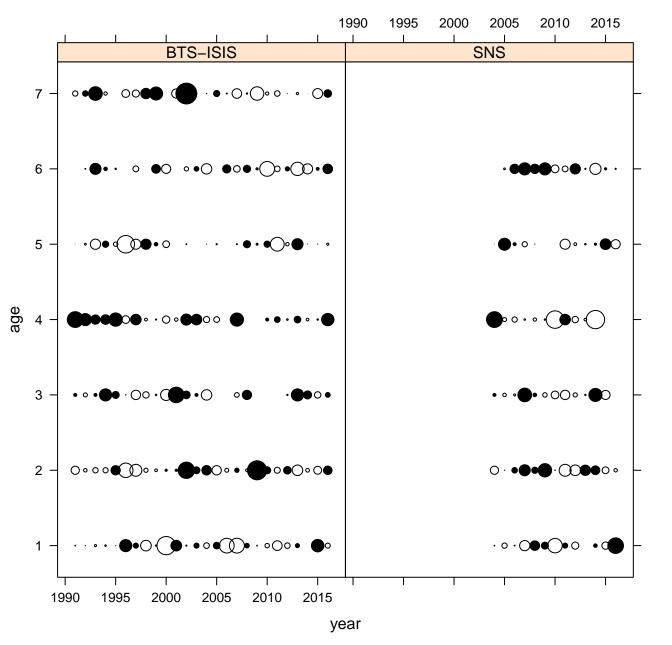
Turbot in IV pg 10



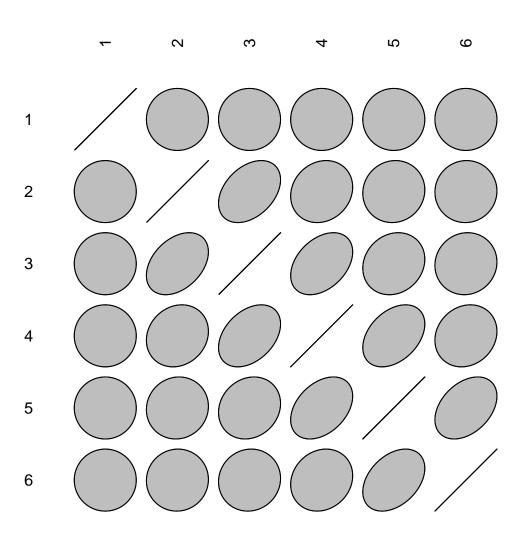
# Residuals by year Catch

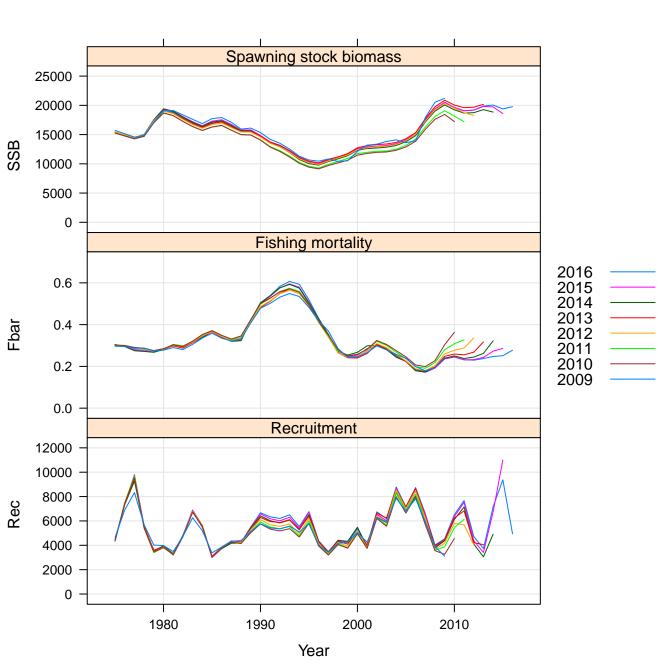


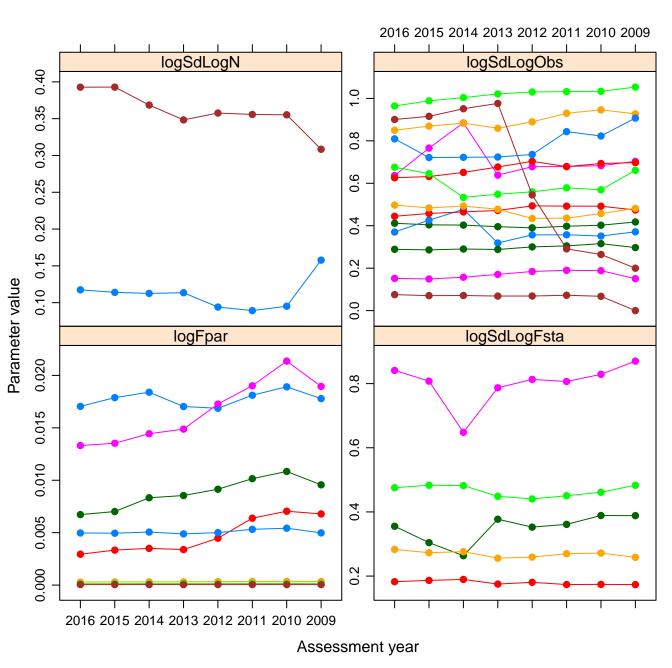
# Residuals by survey

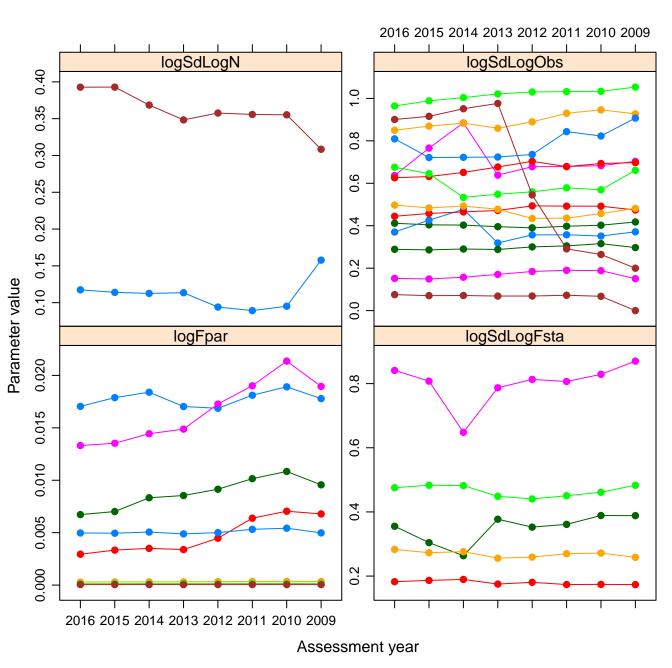


### **SNS**









### Retrospective pattern in F at age

