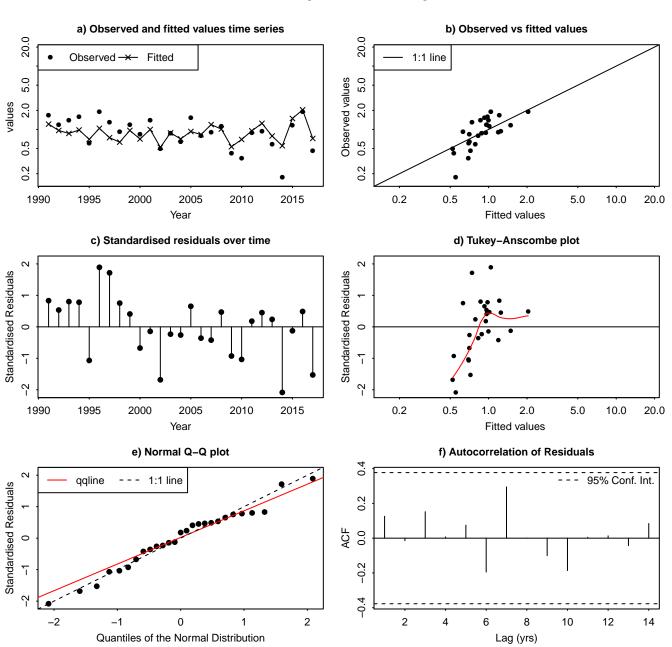
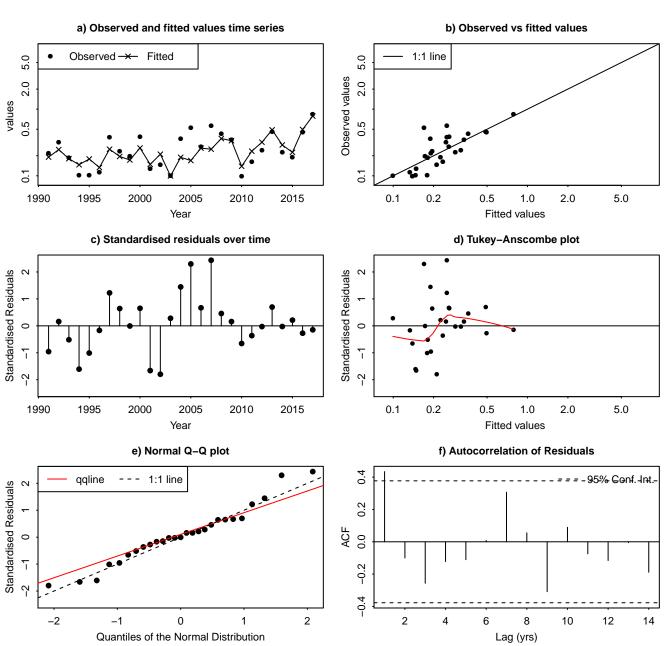
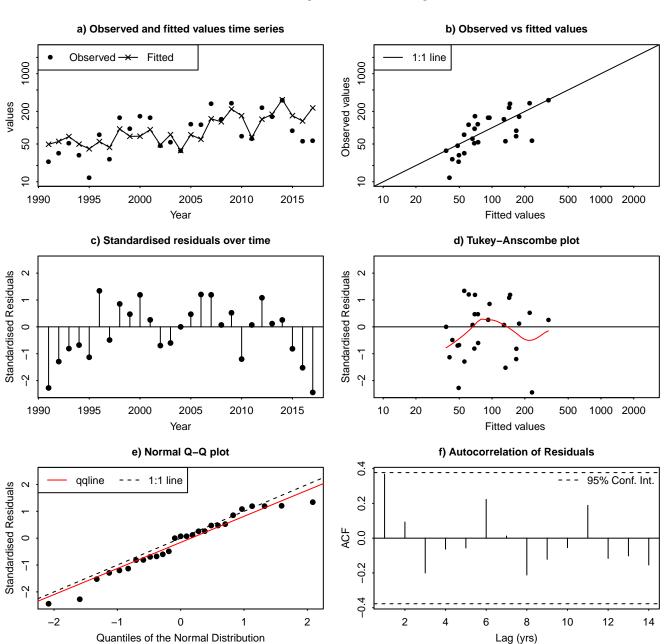
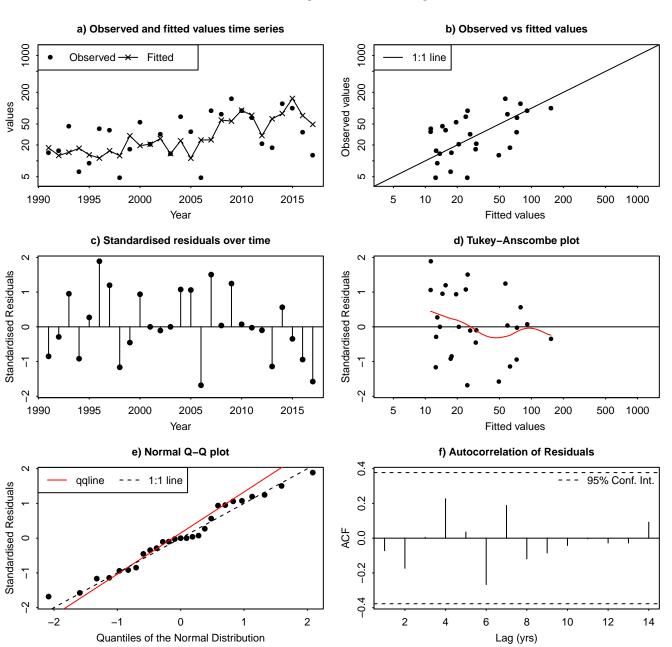


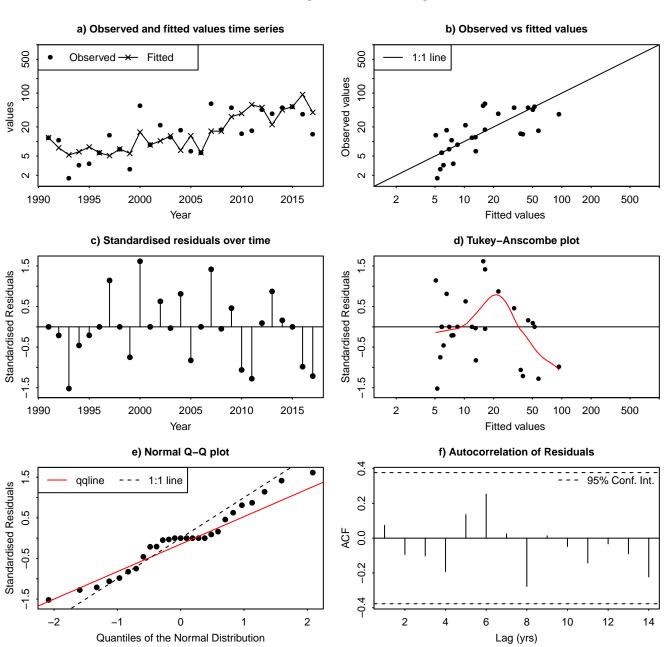
Turbot in IV Diagnostics - BTS-ISIS, age 2

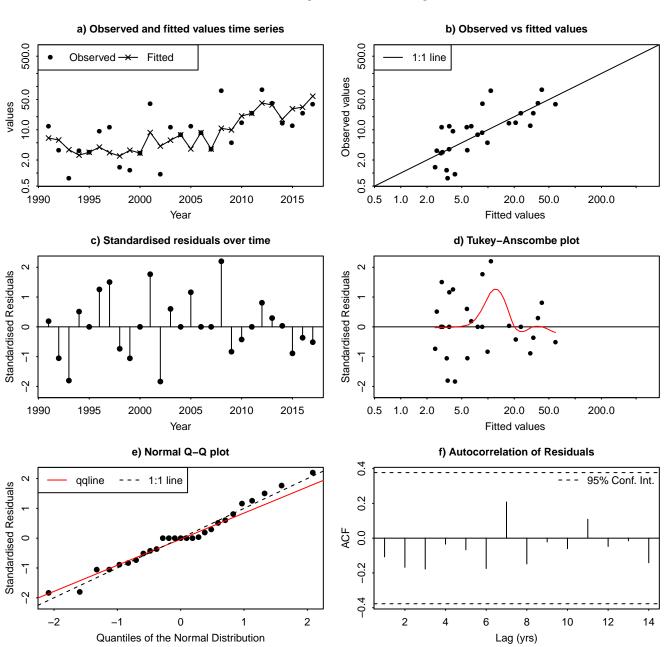


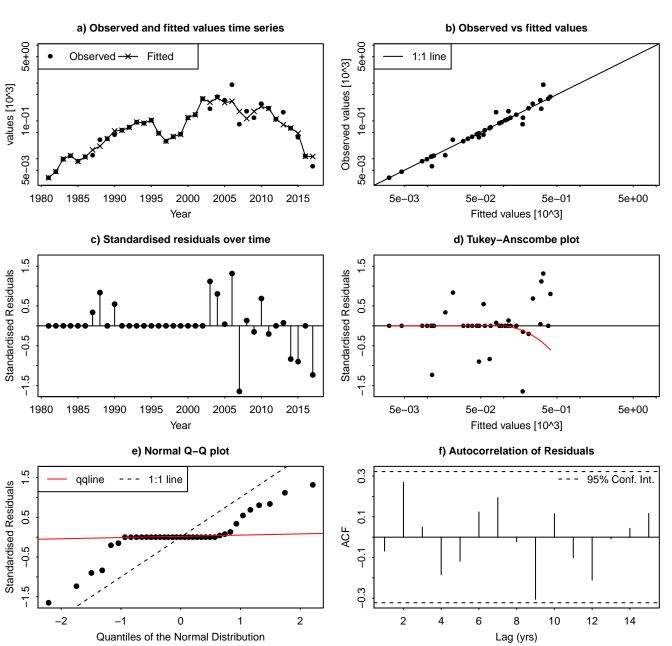




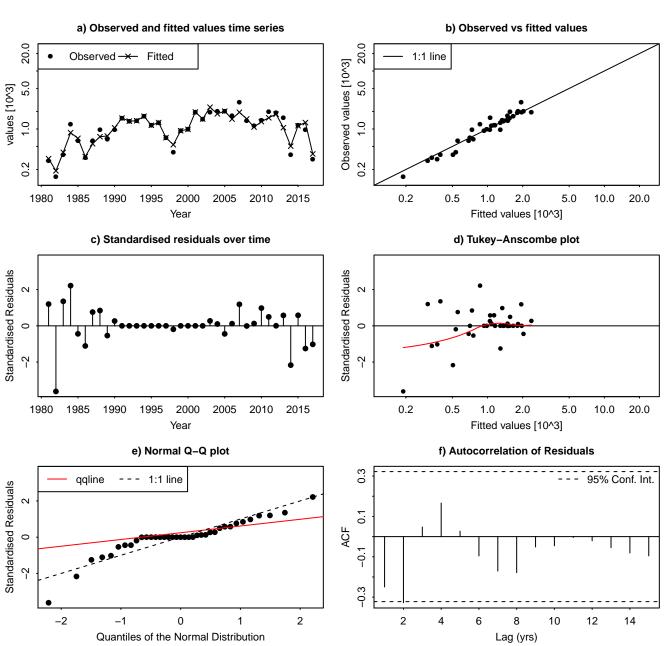




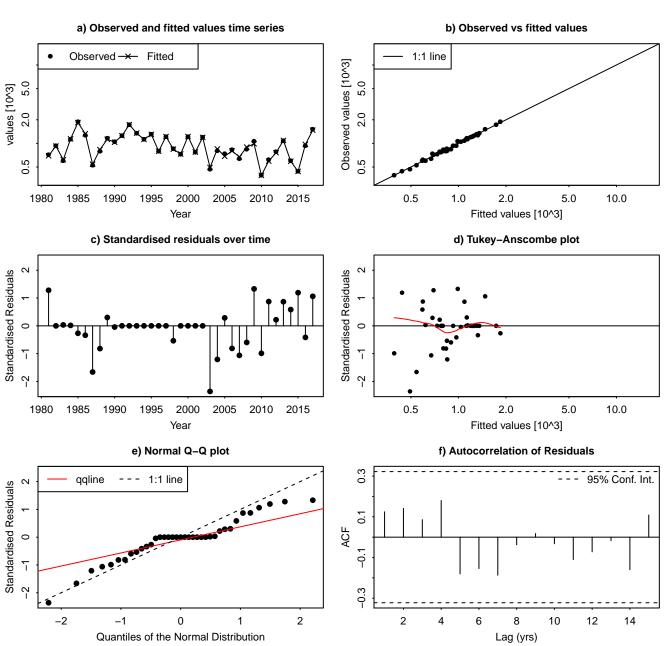


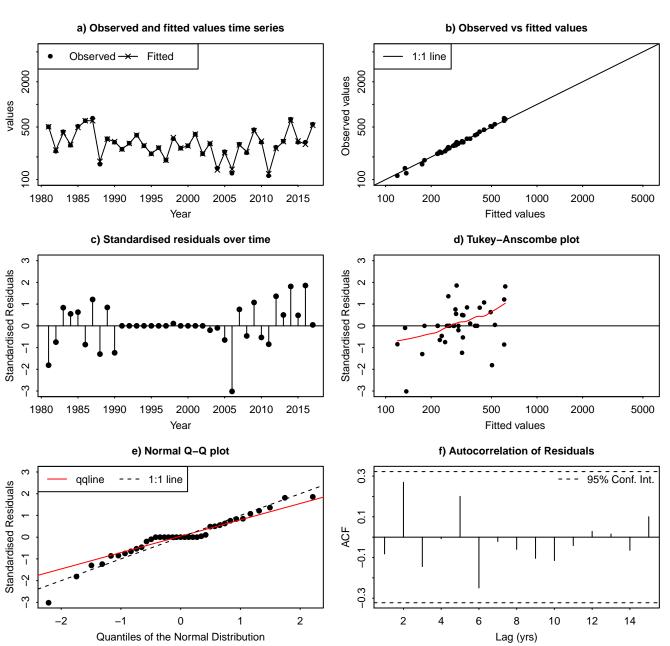


#### Turbot in IV Diagnostics – catch unique, age 2

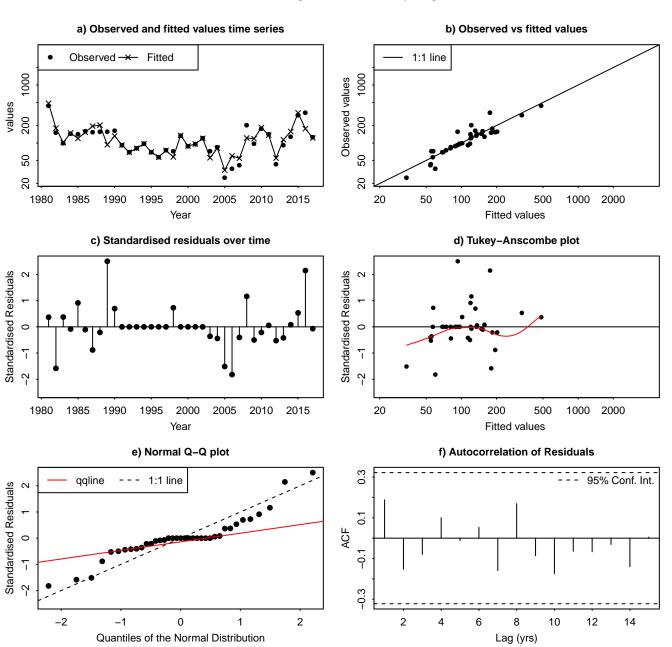


Turbot in IV Diagnostics - catch unique, age 3

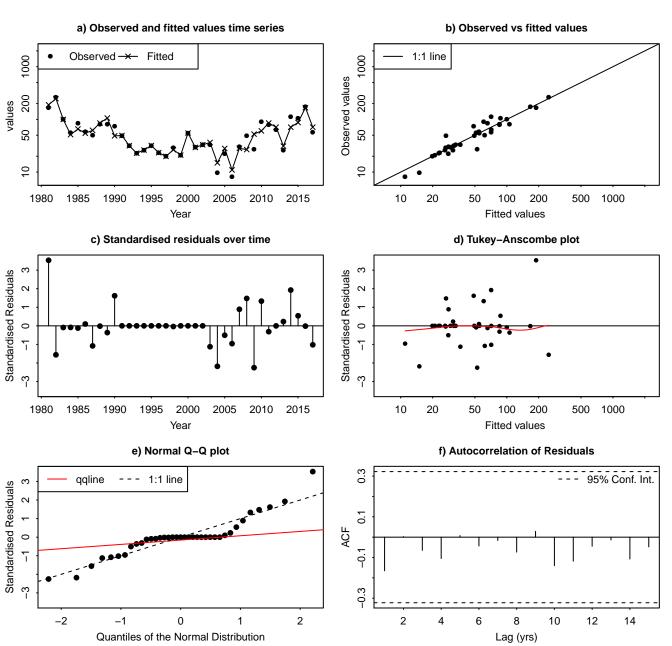




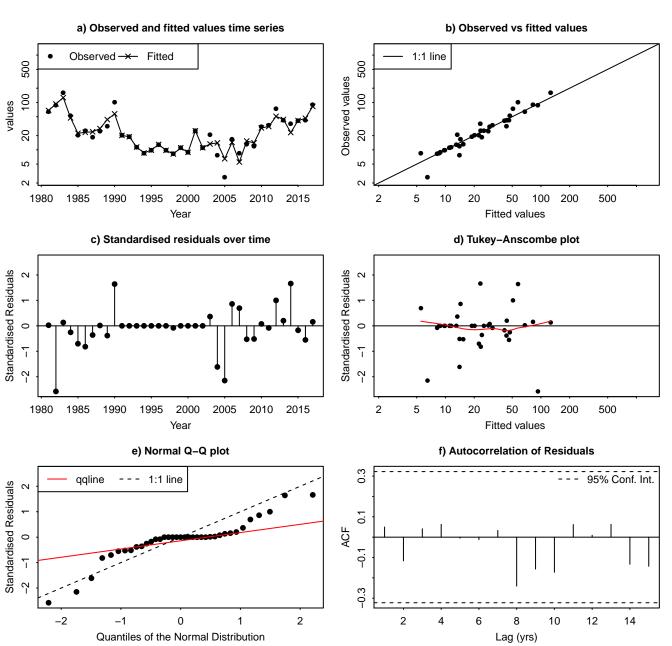
Turbot in IV Diagnostics - catch unique, age 5

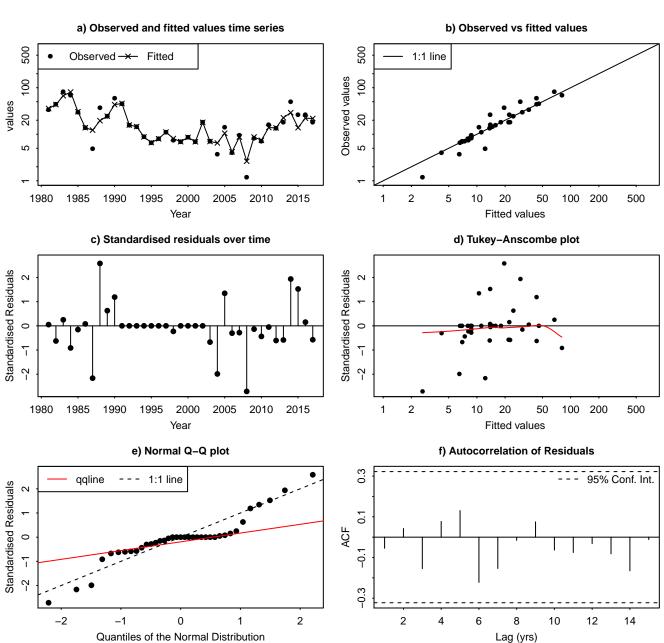


Turbot in IV Diagnostics - catch unique, age 6

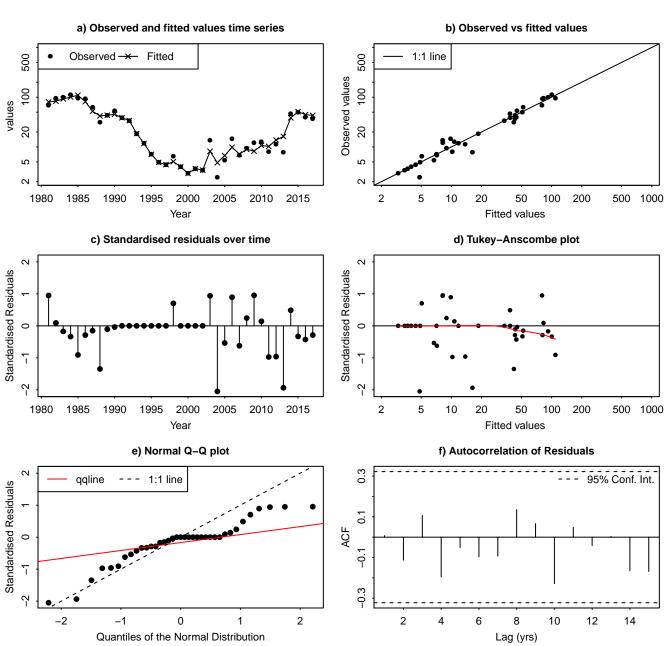


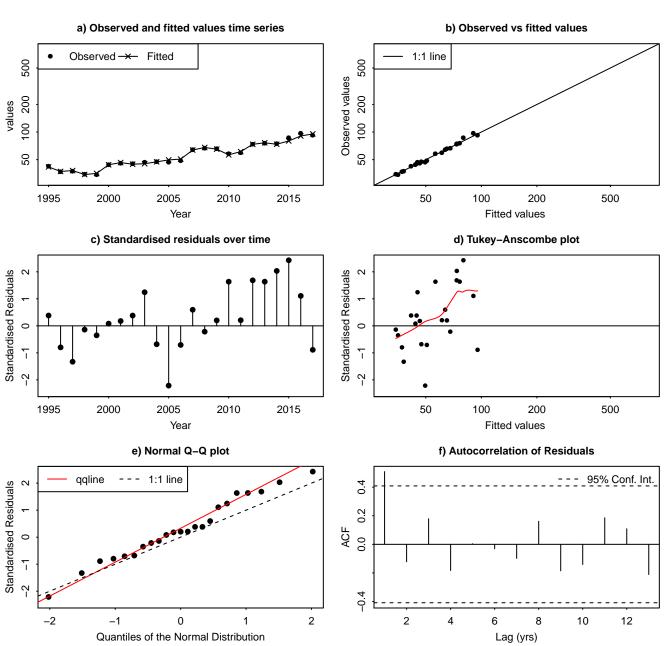
Turbot in IV Diagnostics – catch unique, age 7

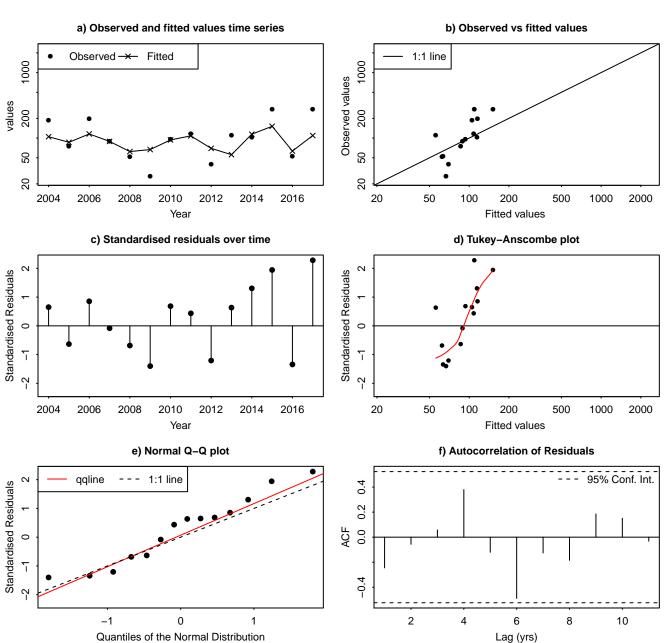


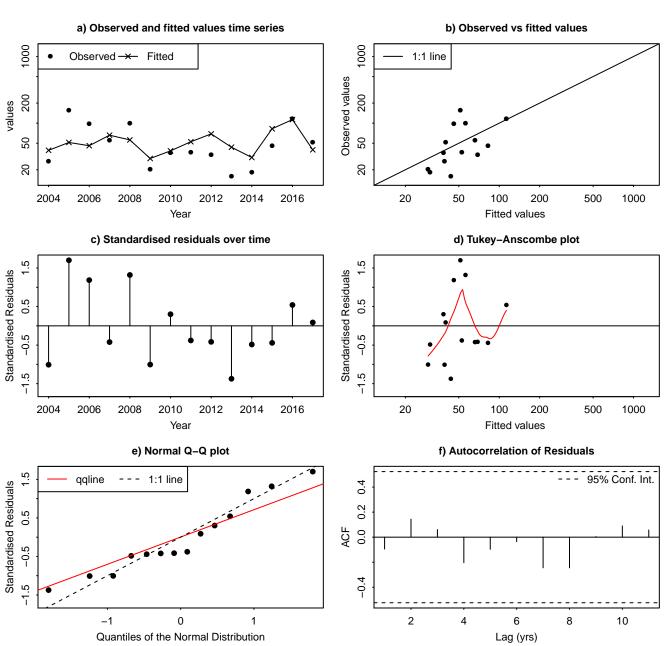


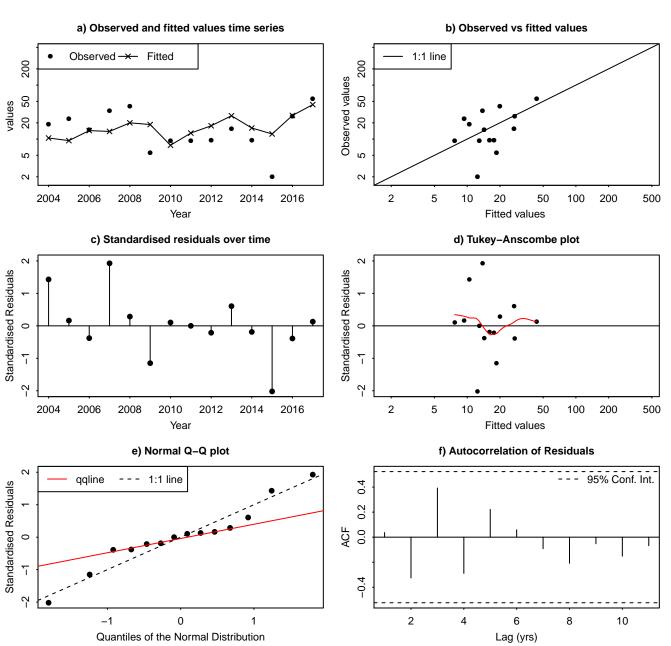
Turbot in IV Diagnostics - catch unique, age 9

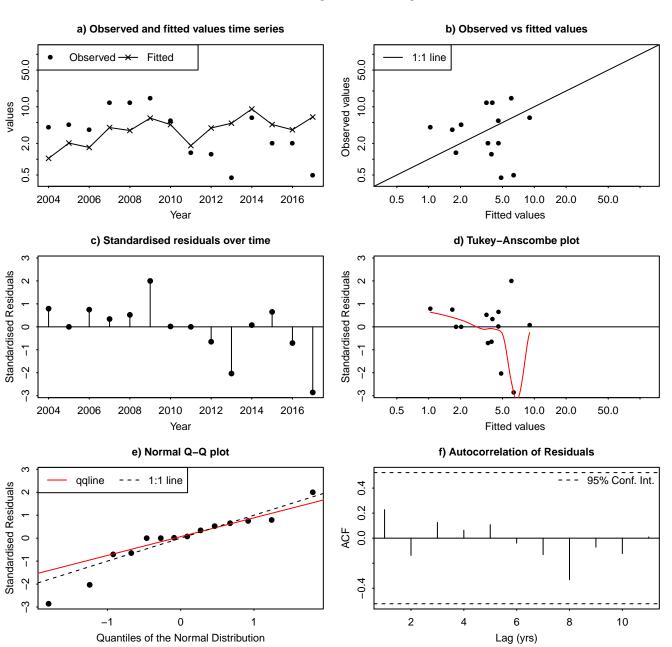


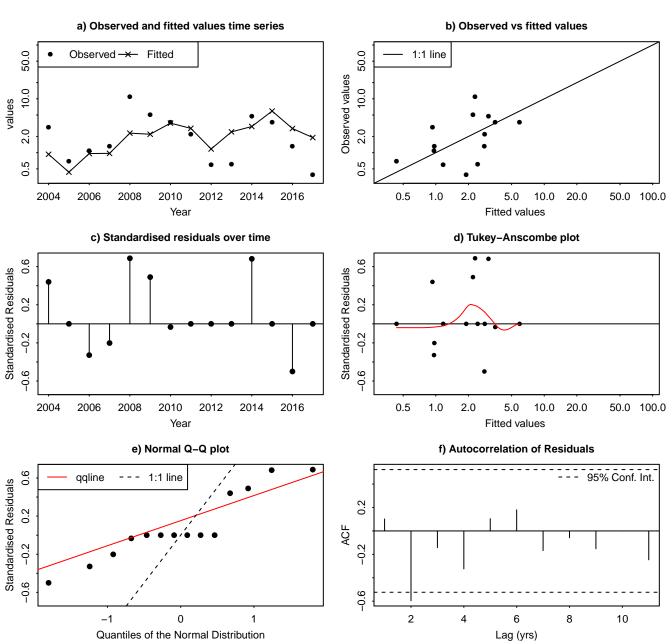


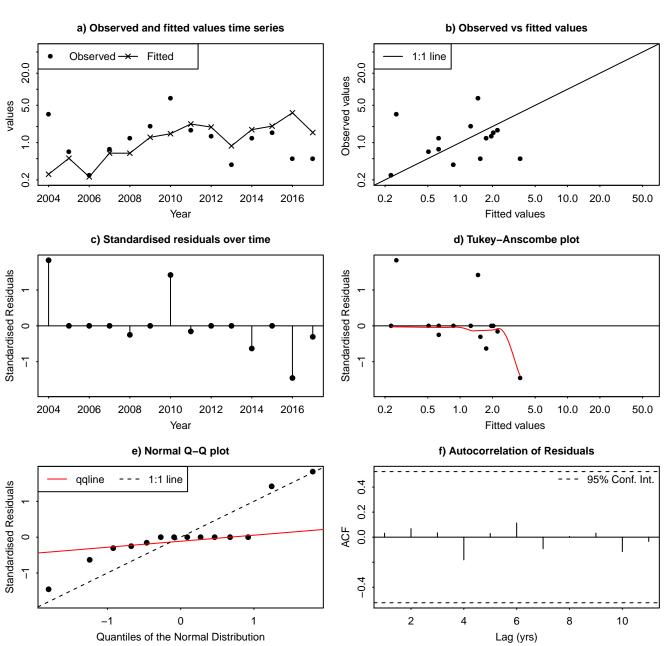




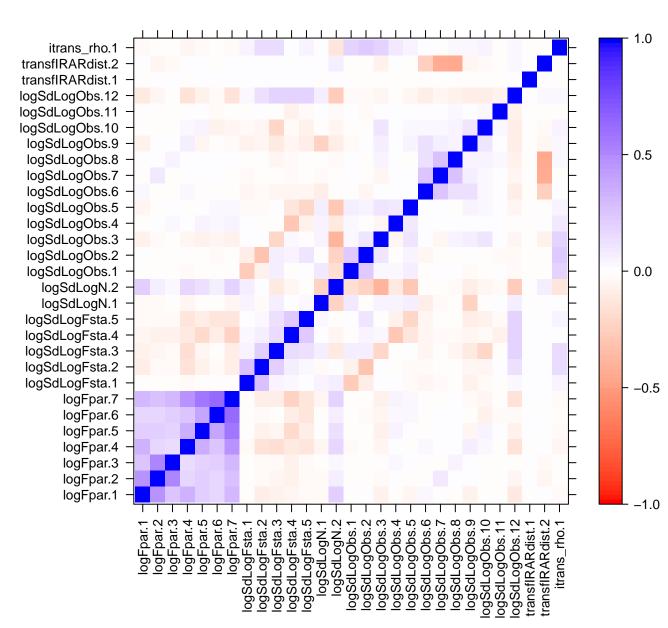




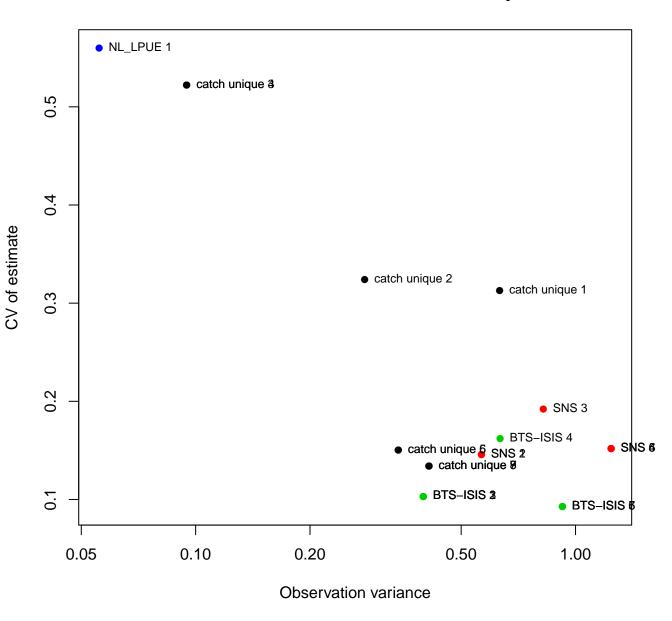




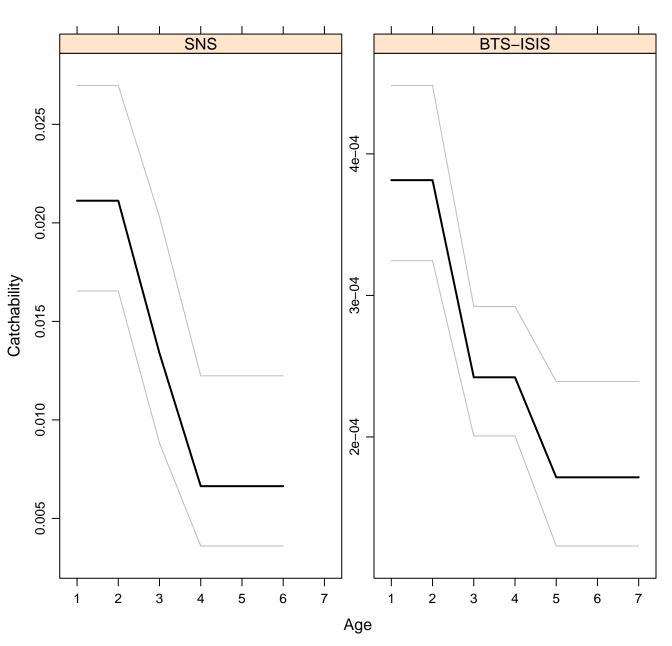
#### **Turbot in IV**



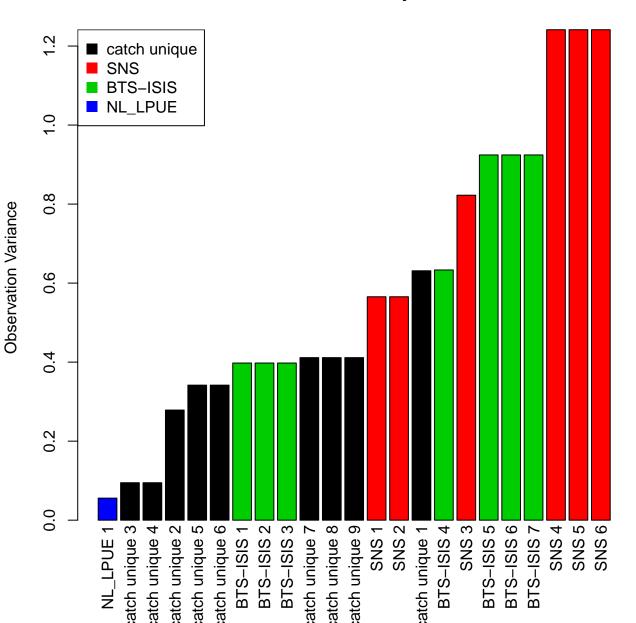
# Observation variance vs uncertainty



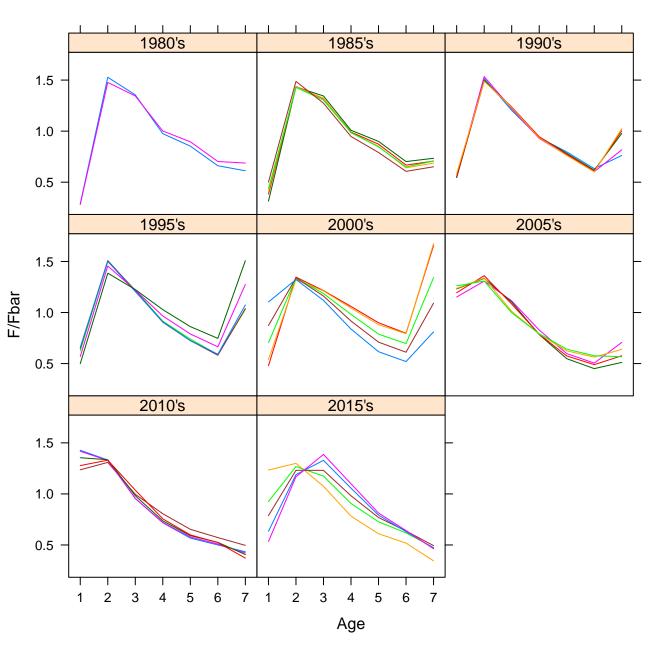
Survey catchability parameters



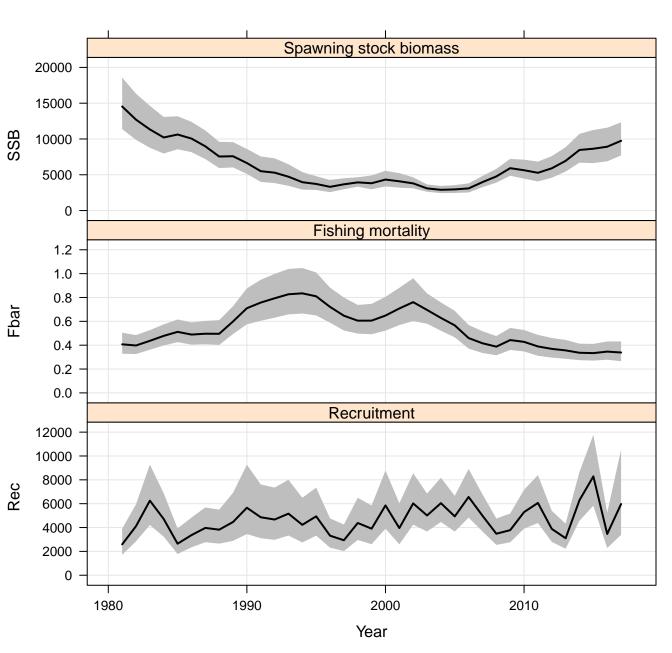
#### Observation variances by data source



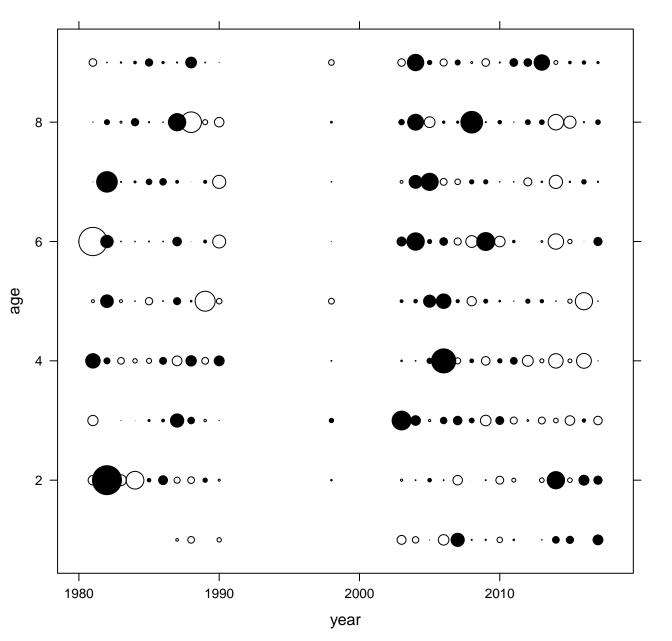
### Selectivity of the Fishery by Pentad



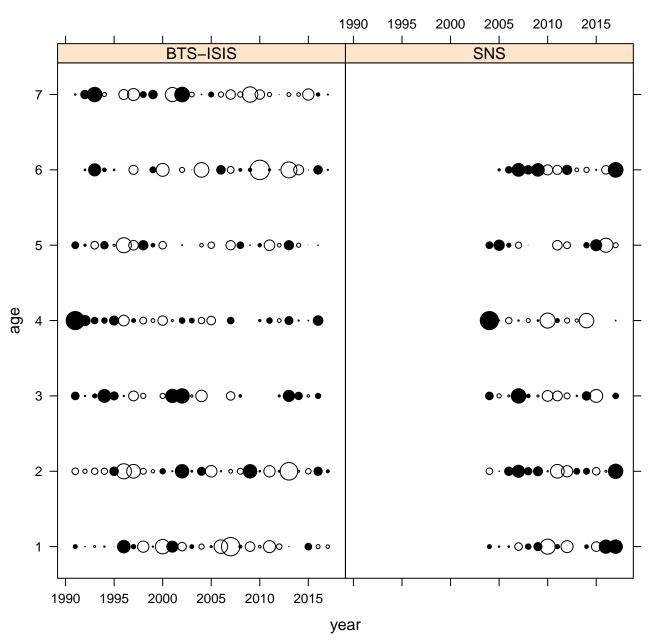
**Turbot in IV** 

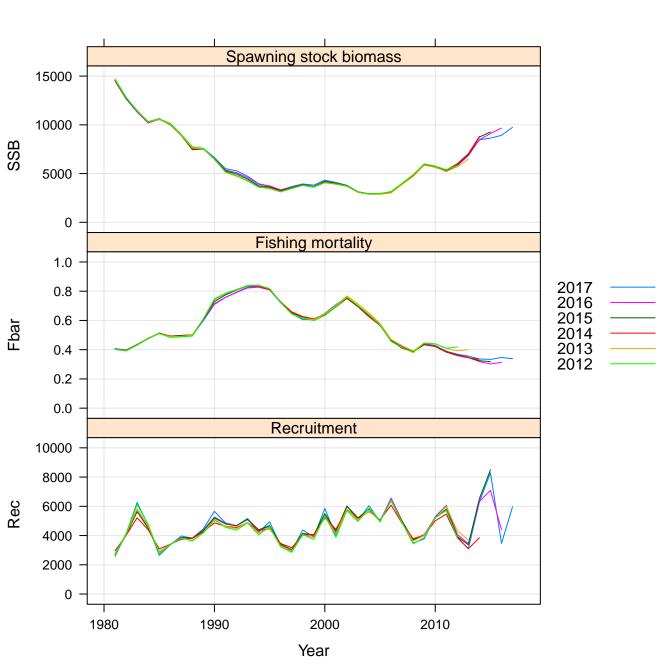


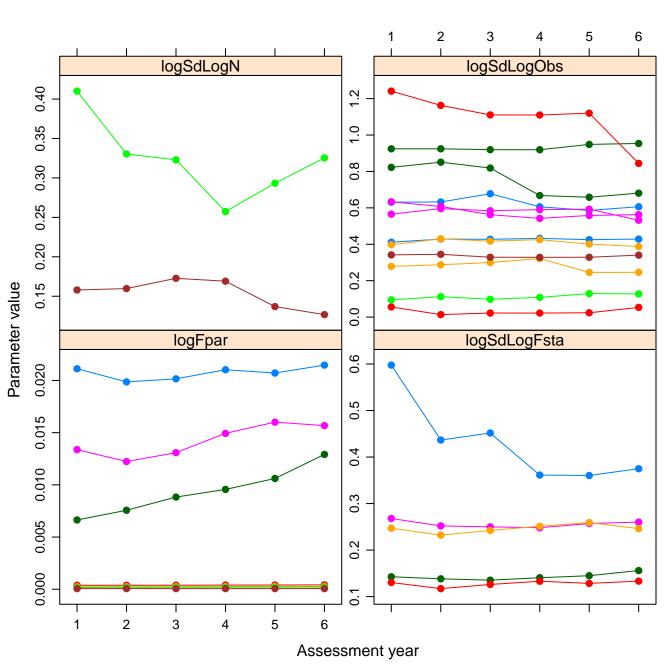
## Residuals by year Catch

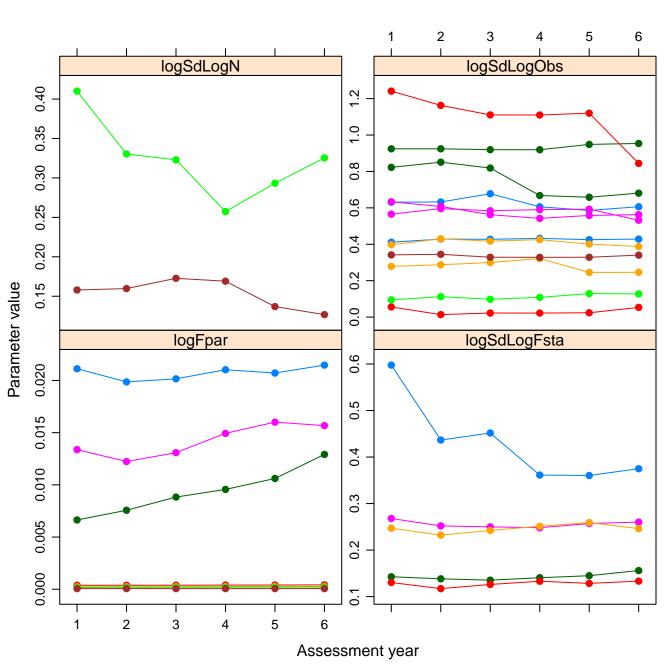


#### Residuals by survey

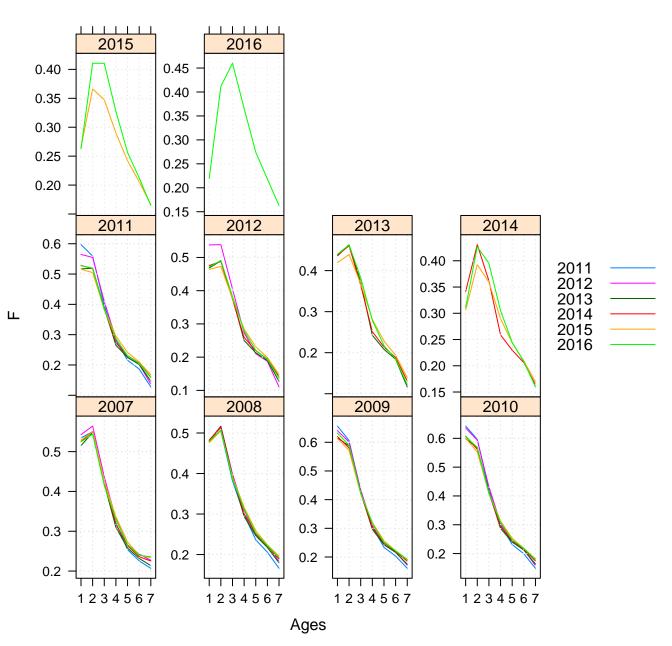








#### Retrospective pattern in F at age



#### Retrospective pattern in F at age

