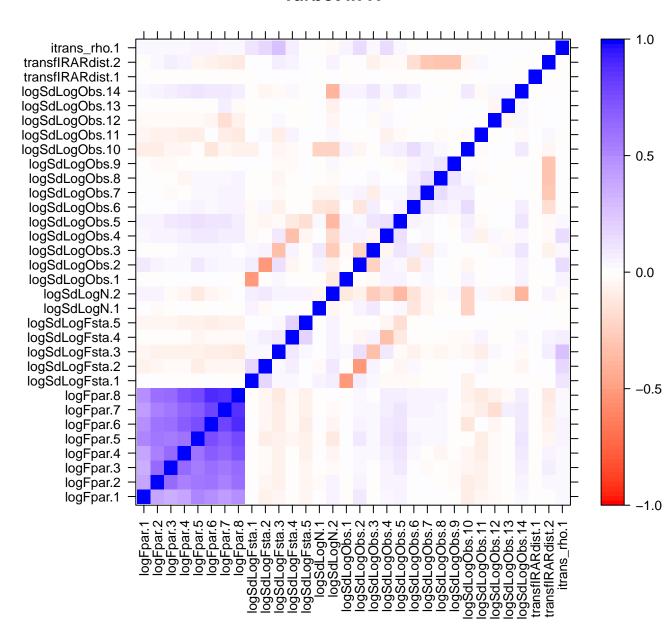
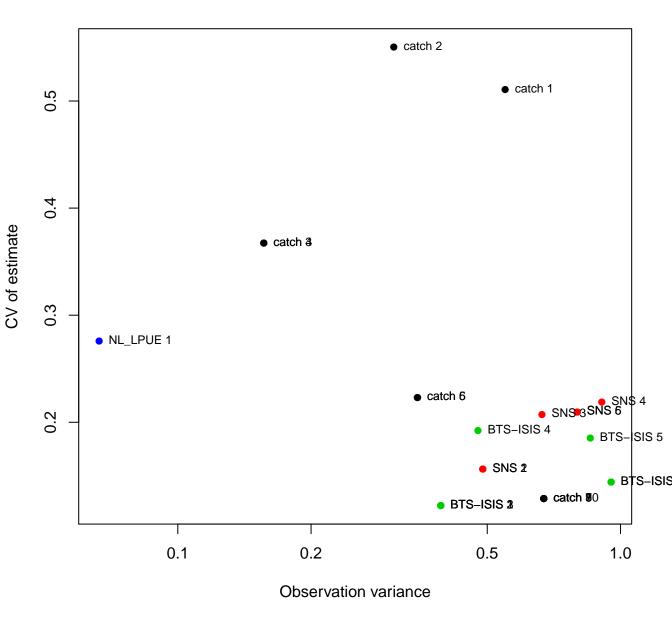


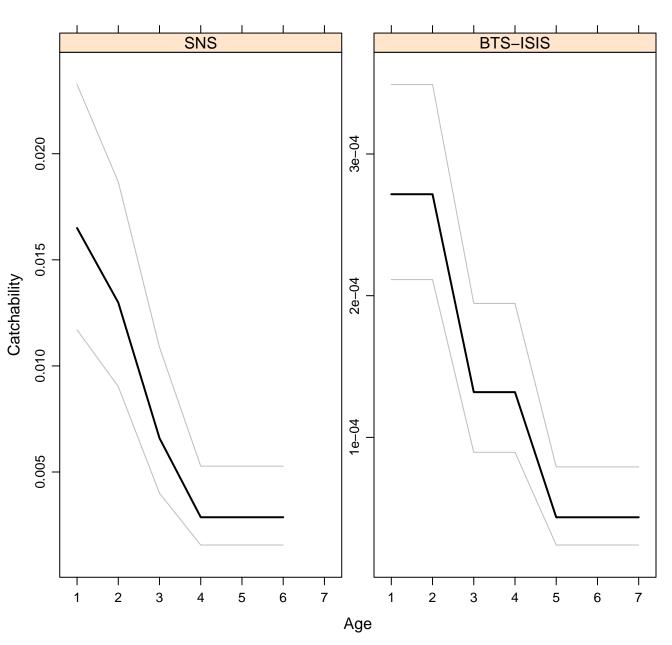
#### **Turbot in IV**



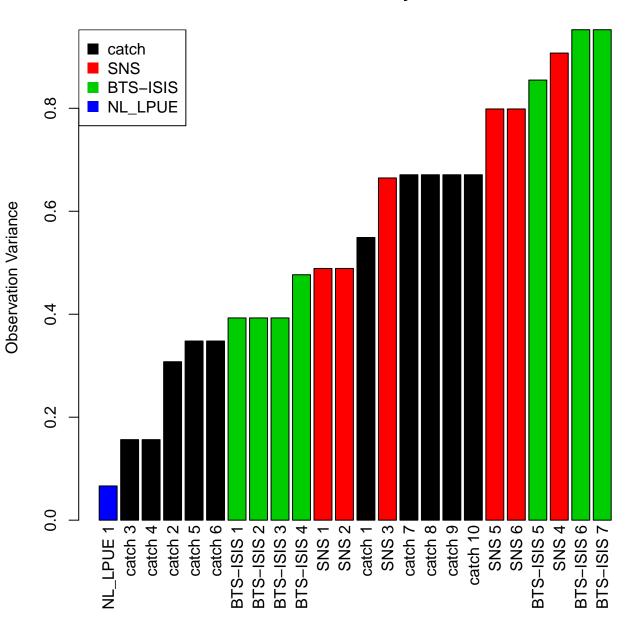
### **Observation variance vs uncertainty**



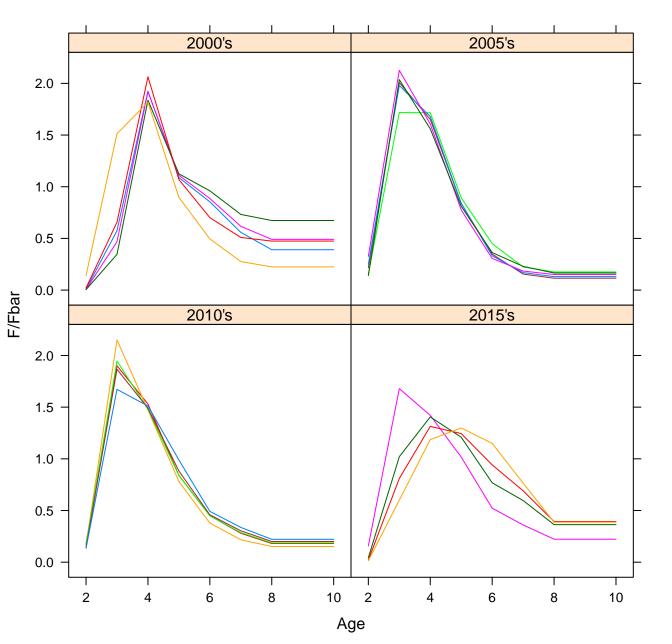
Survey catchability parameters



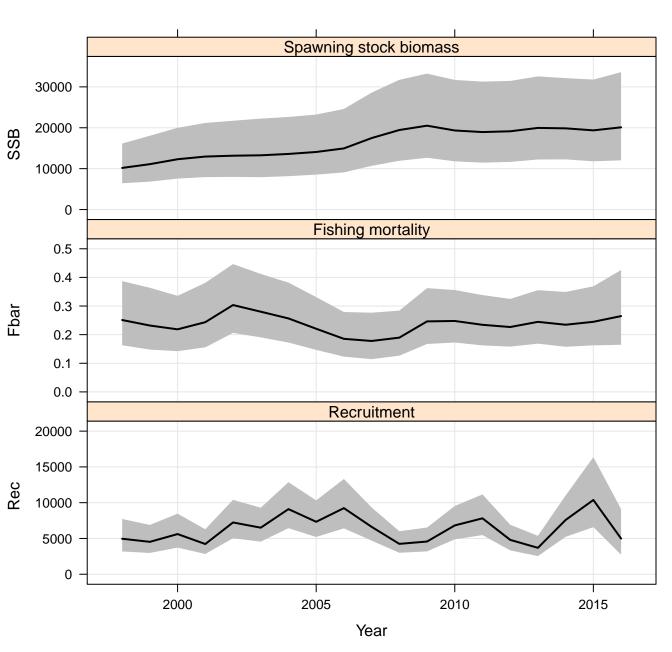
### Observation variances by data source



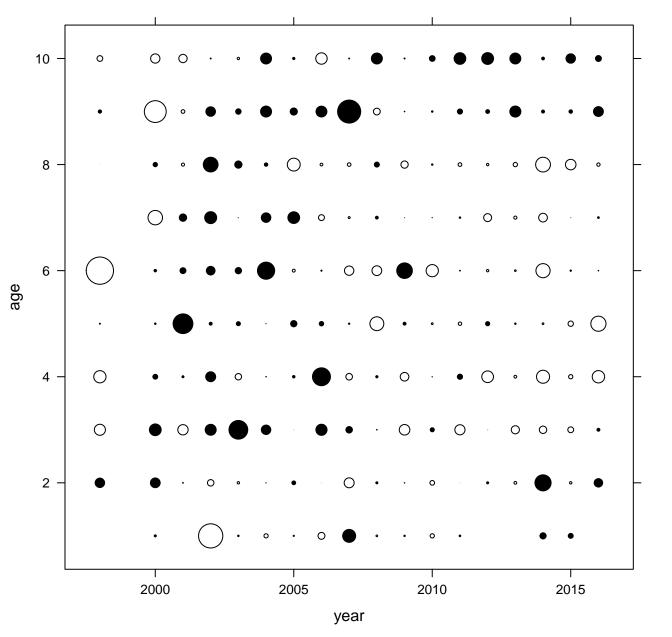
Selectivity of the Fishery by Pentad



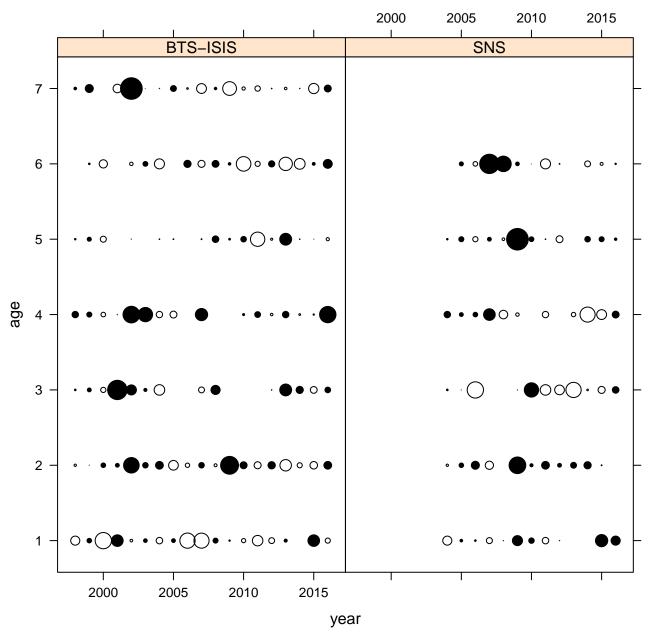
**Turbot in IV** 



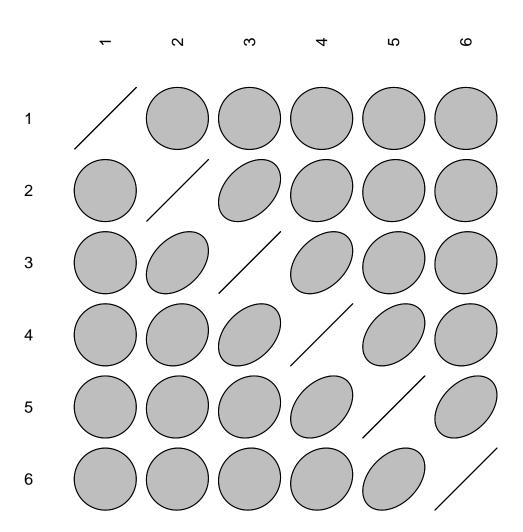
# Residuals by year Catch

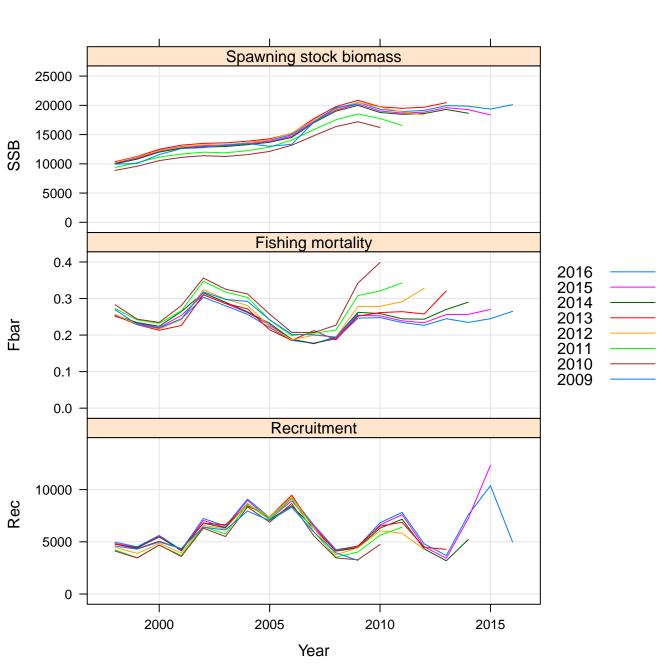


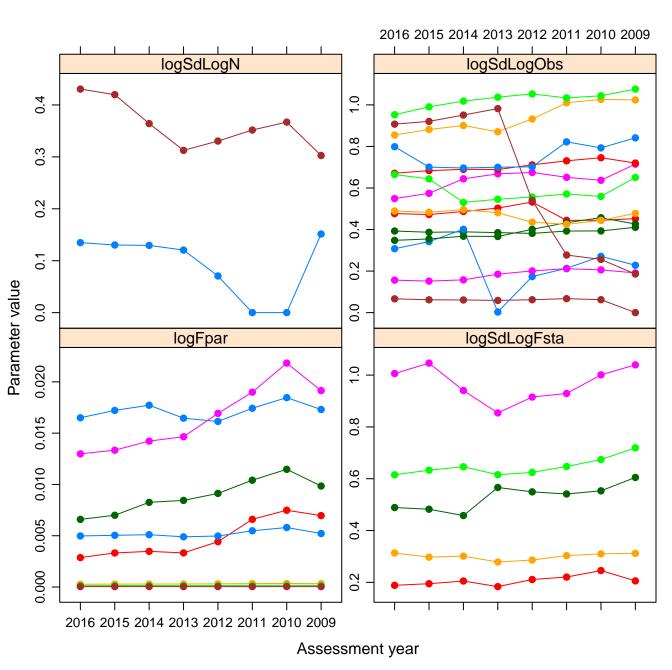
## Residuals by survey

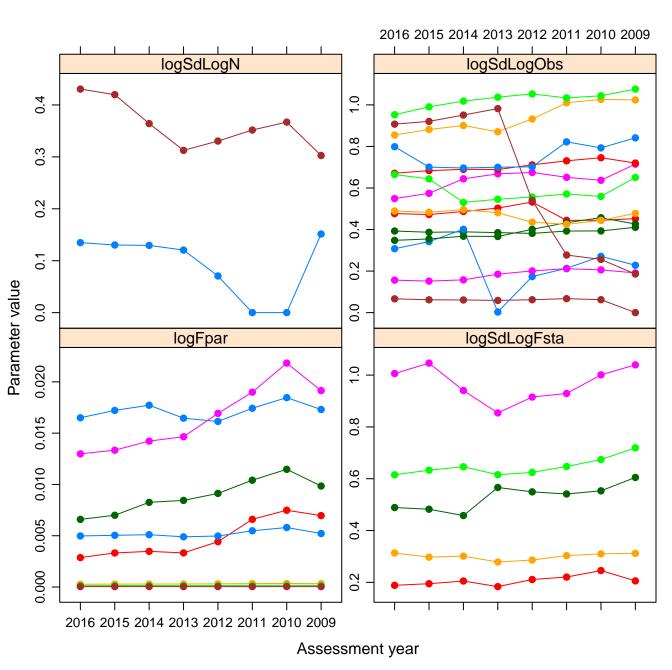


### **SNS**









### Retrospective pattern in F at age

