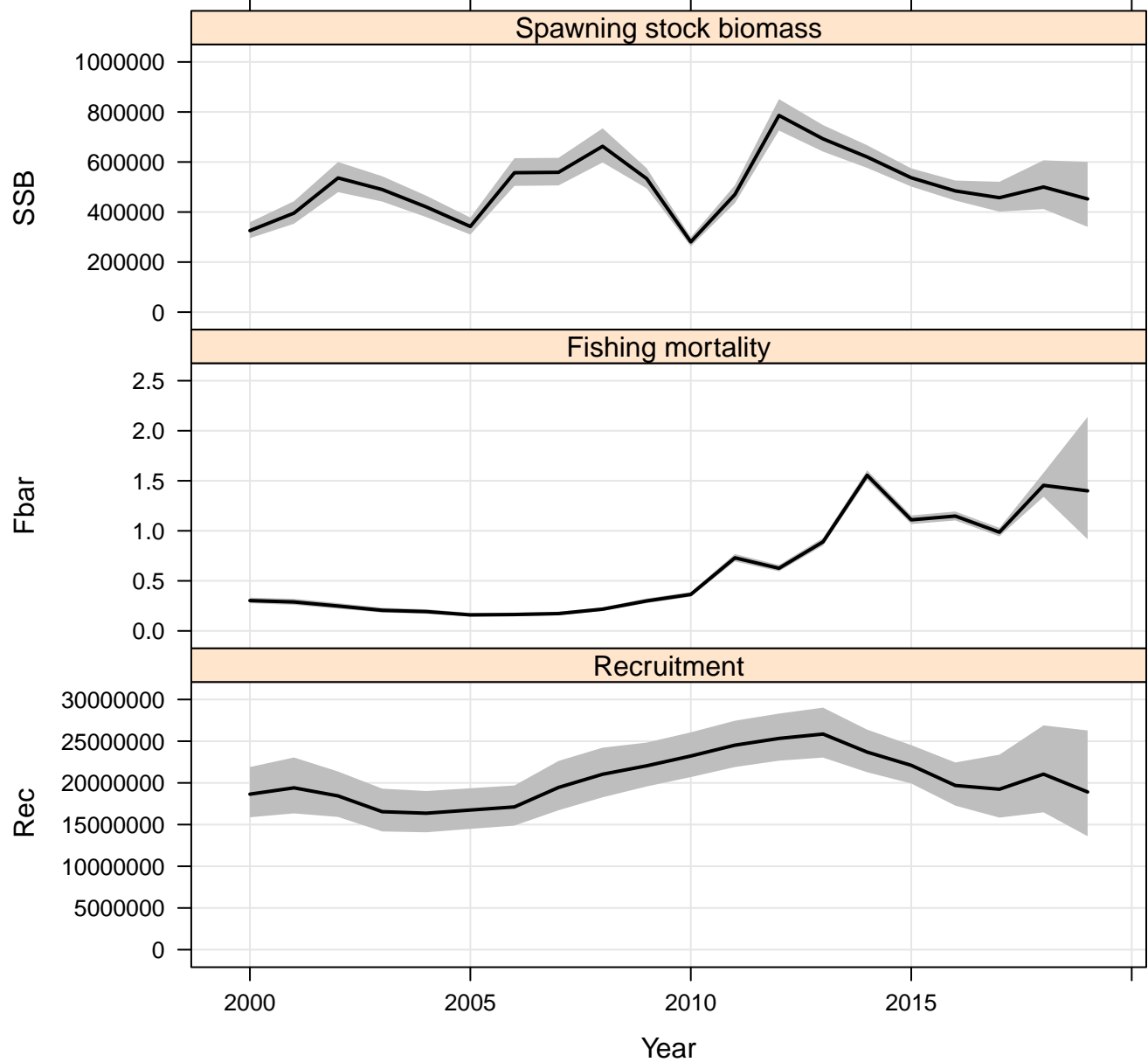
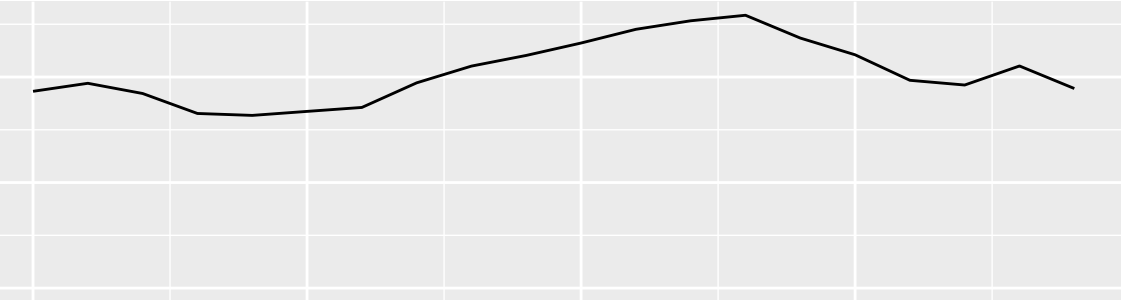


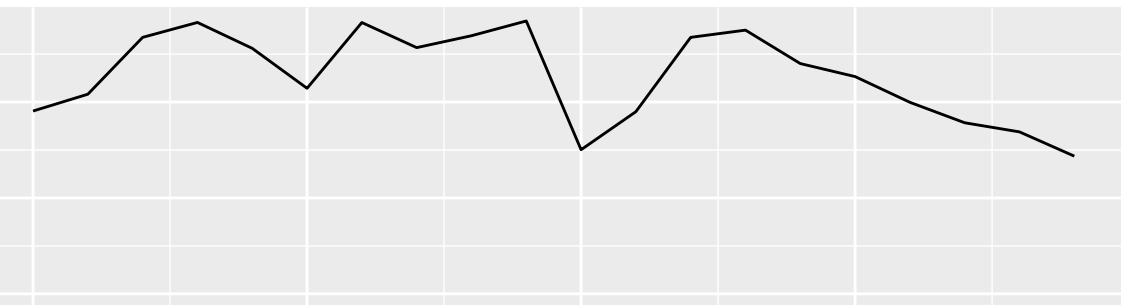
# Sardine GSA 17-18



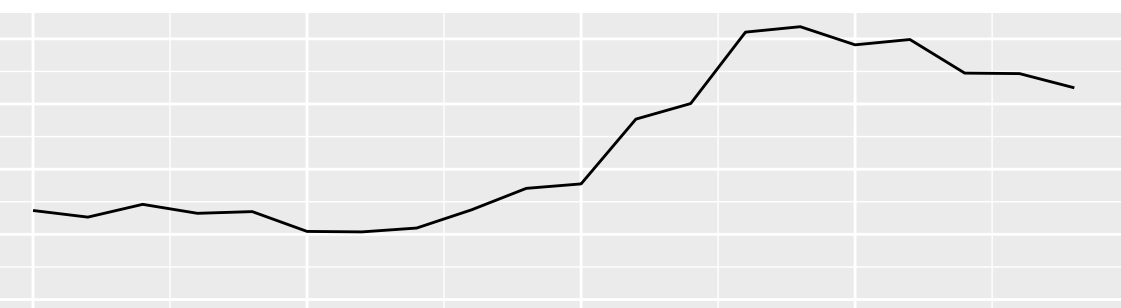
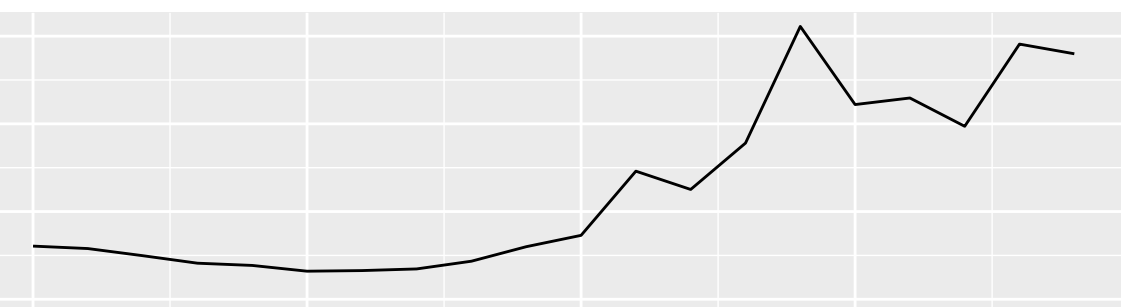
Rec

2e+07  
1e+07  
0e+00

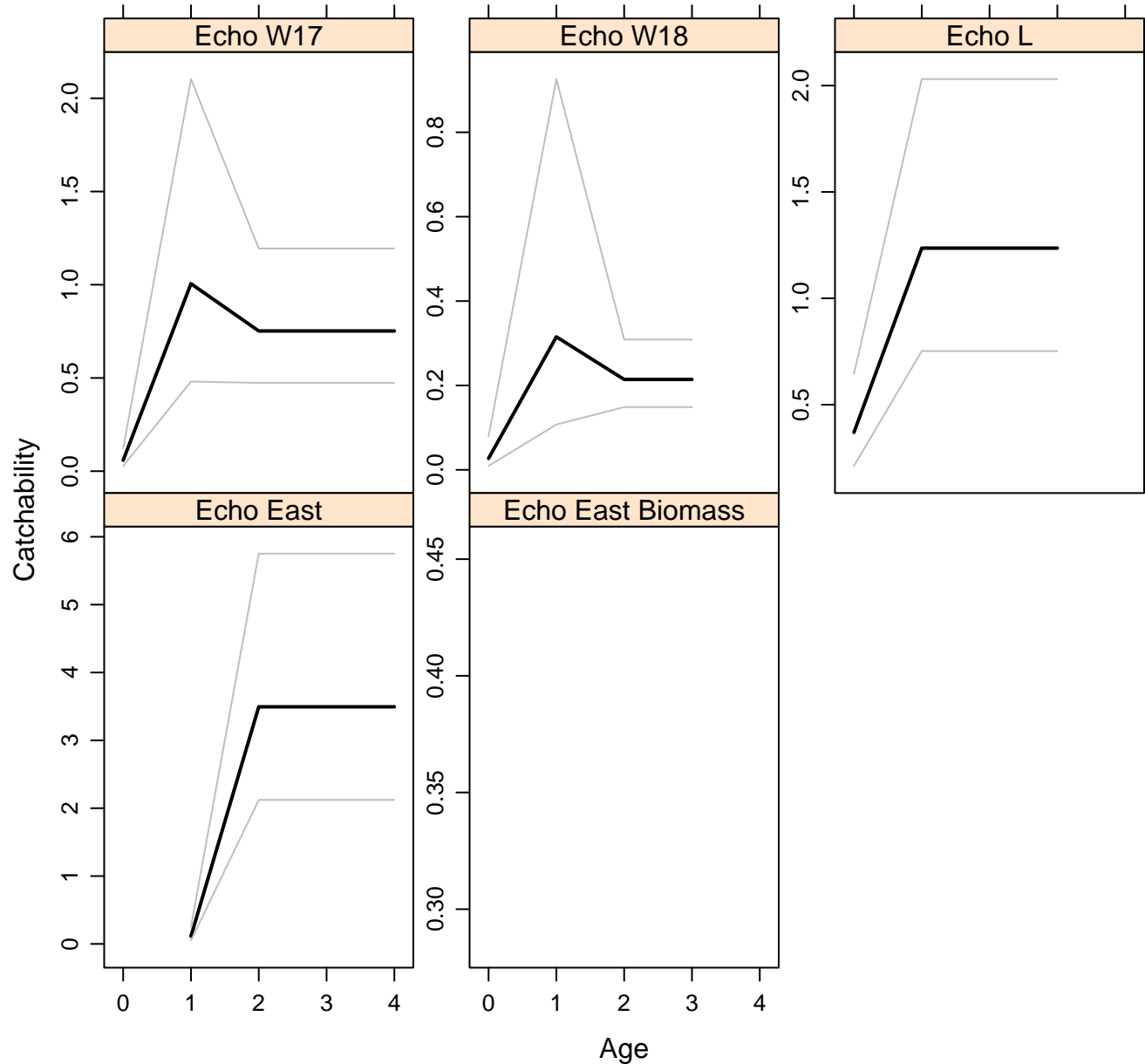
SSB

2e+05  
1e+05  
0e+00

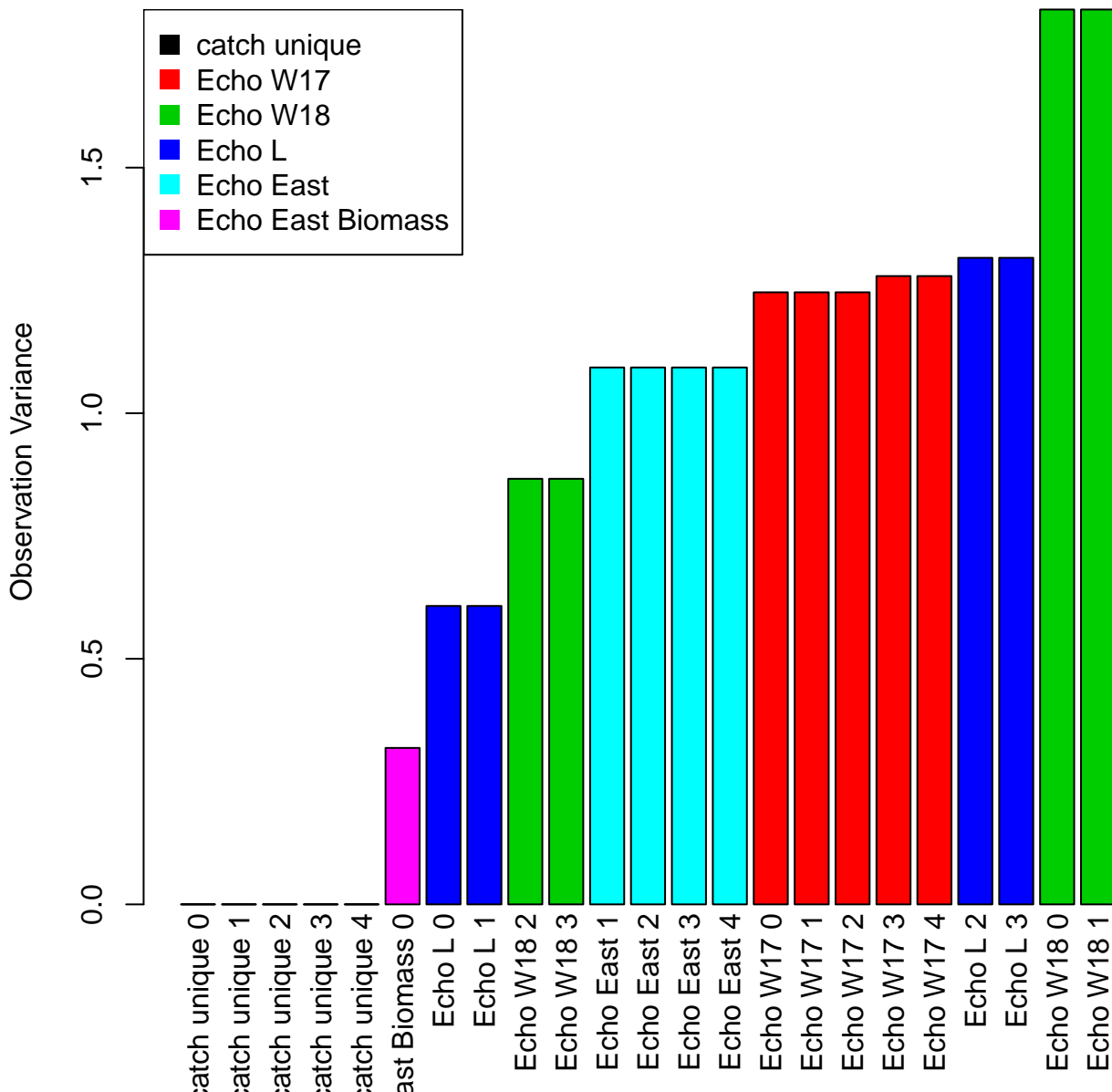
Catch (tonnes)

80000  
60000  
40000  
20000  
0 $F(1-3)$ 1.5  
1.0  
0.5  
0.0

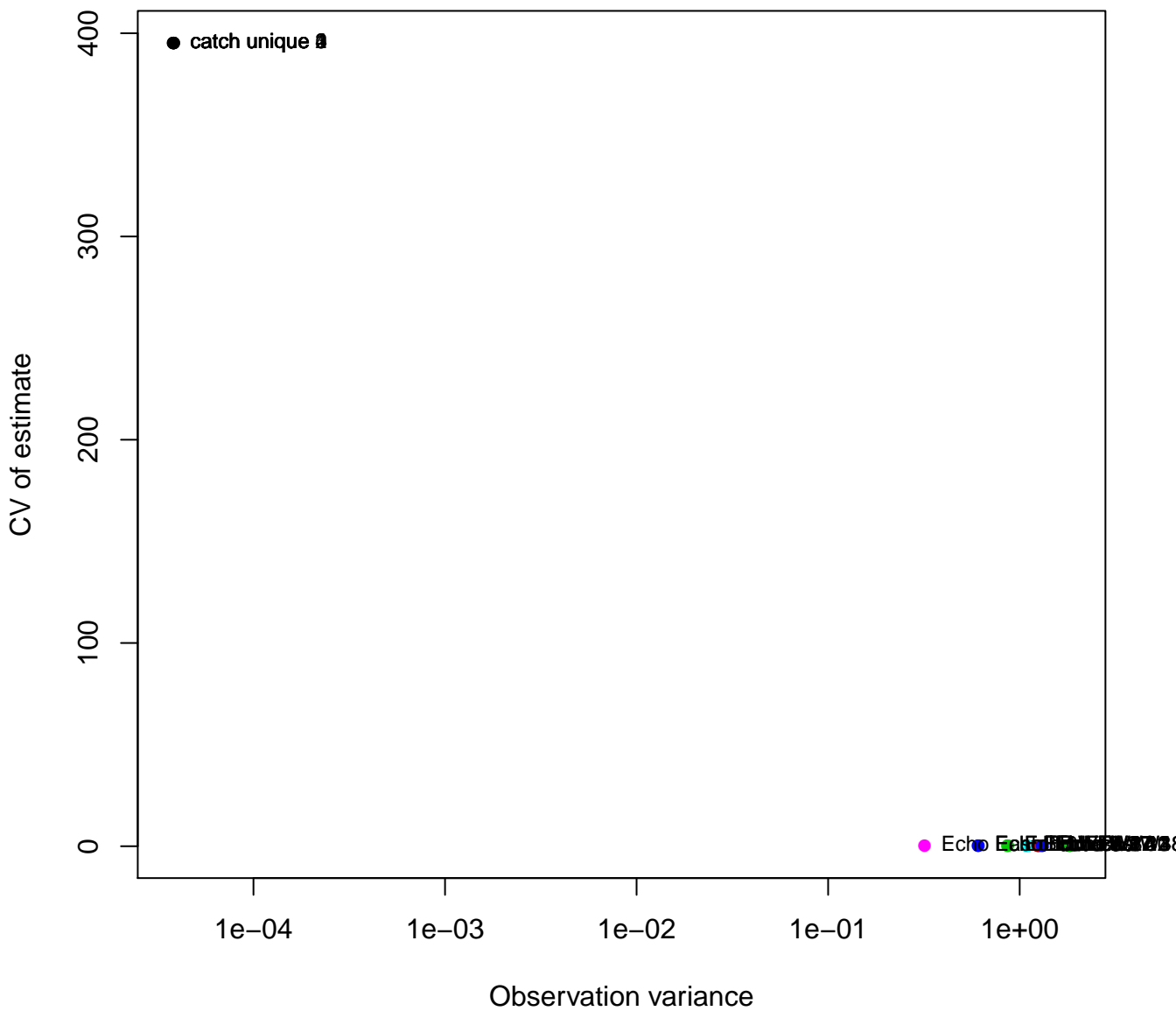
# Survey catchability parameters



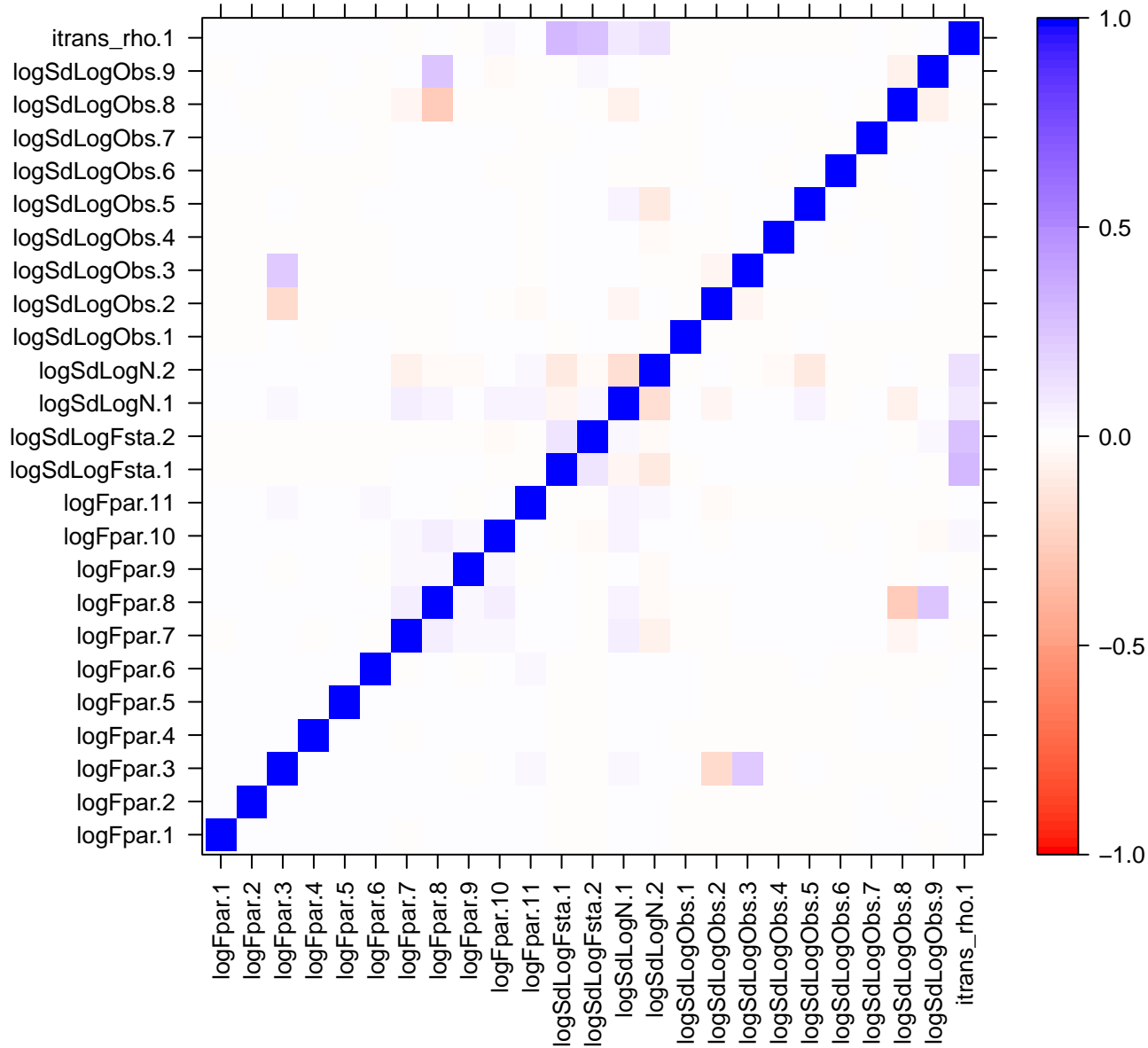
Observation variances by data source

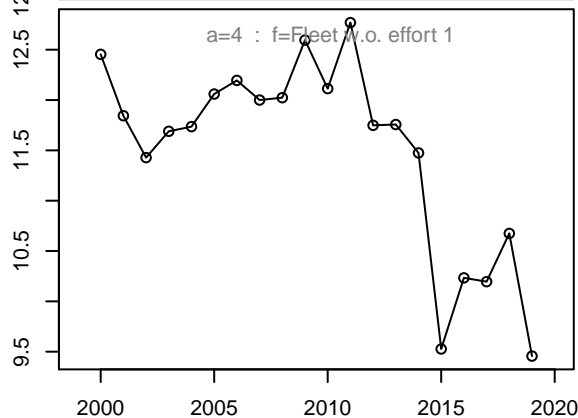
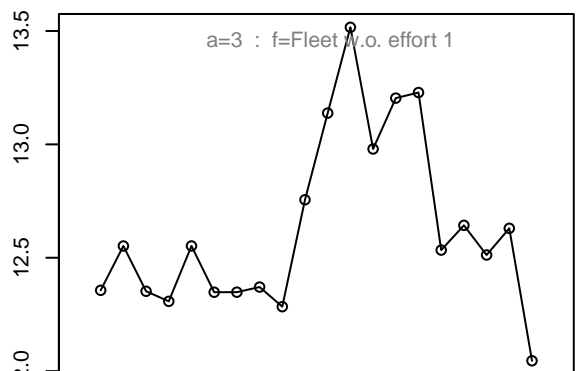
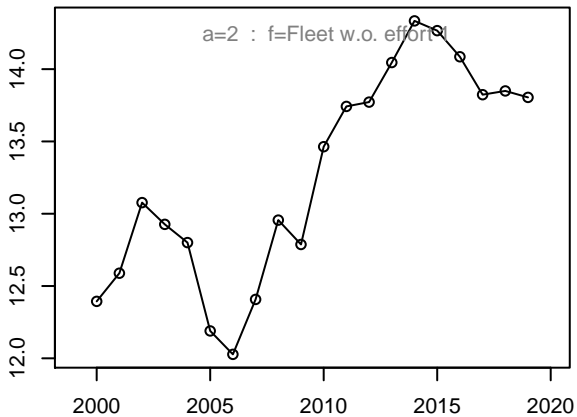
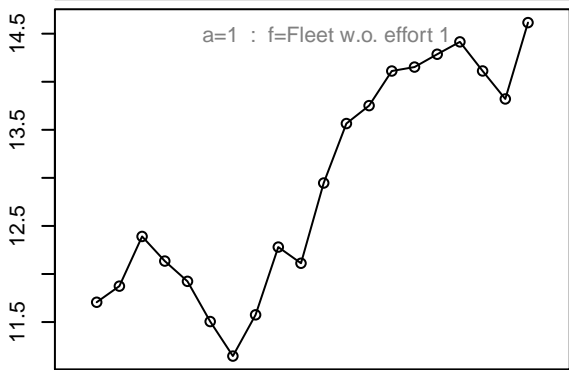
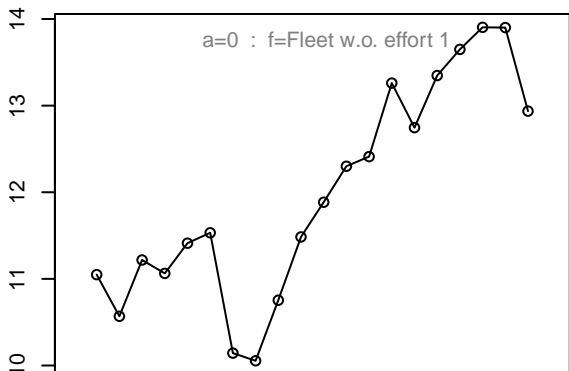


## Observation variance vs uncertainty

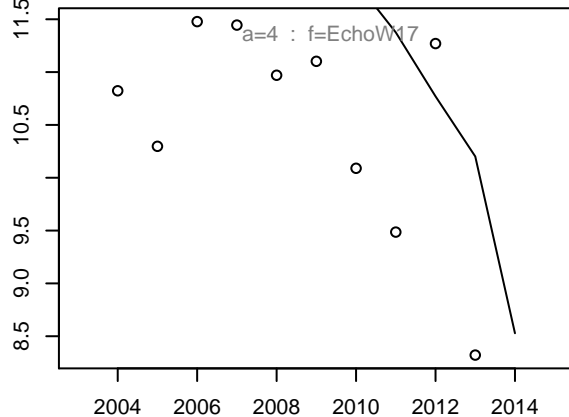
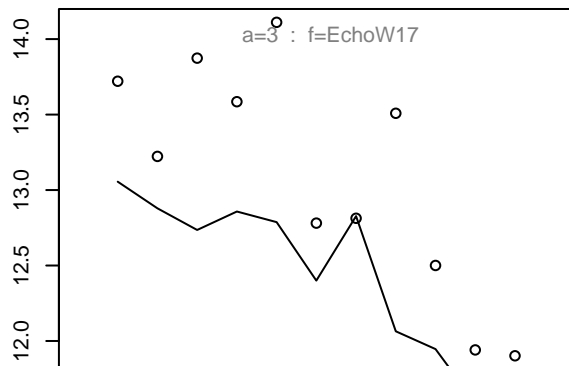
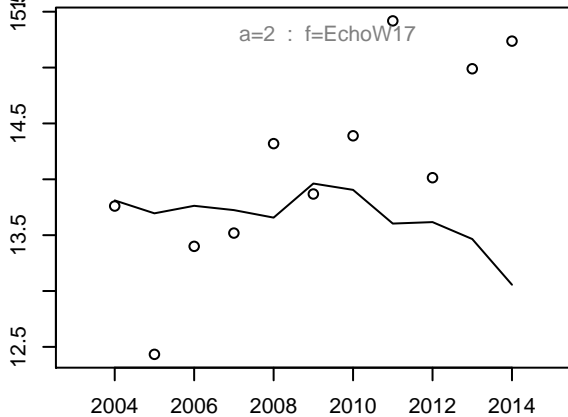
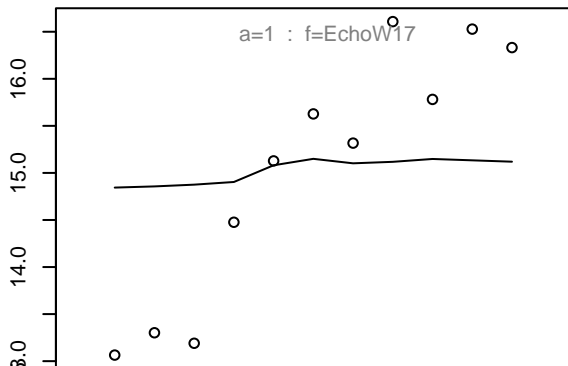
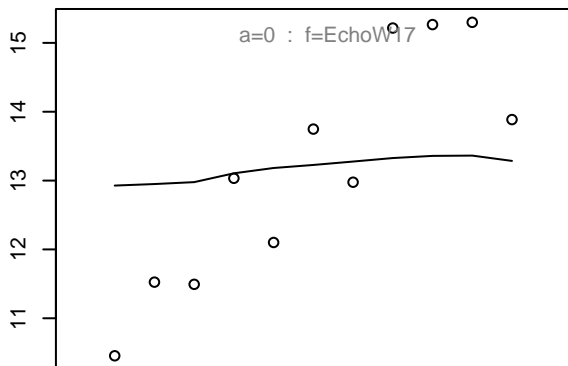


# Sardine GSA 17-18



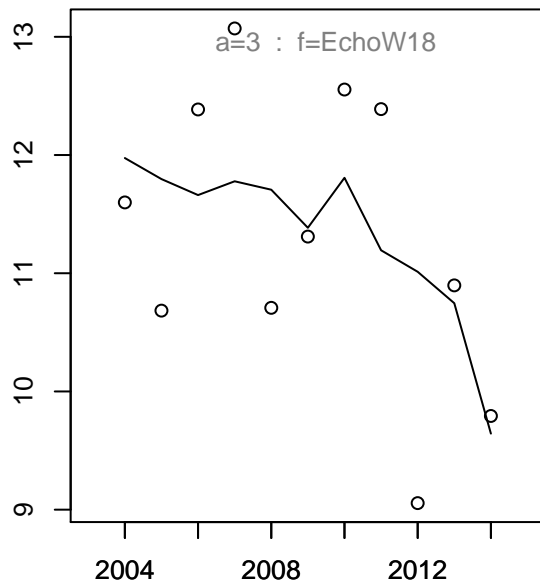
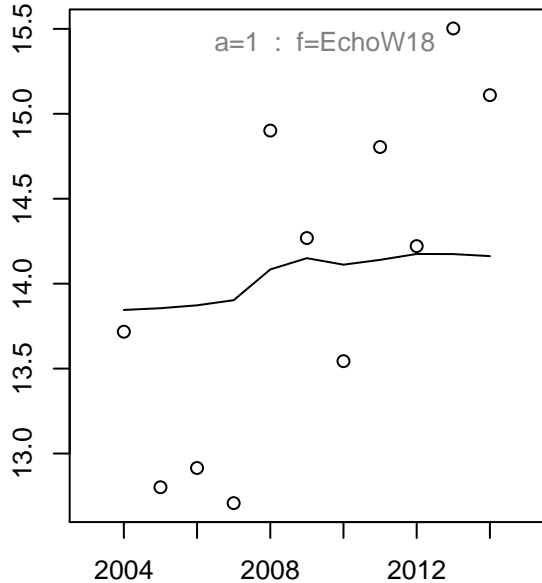
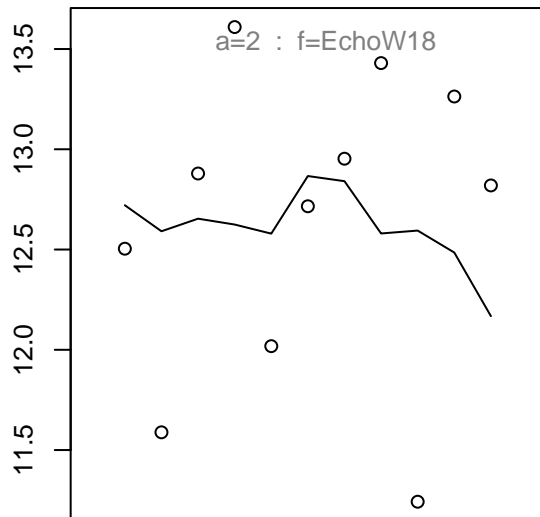
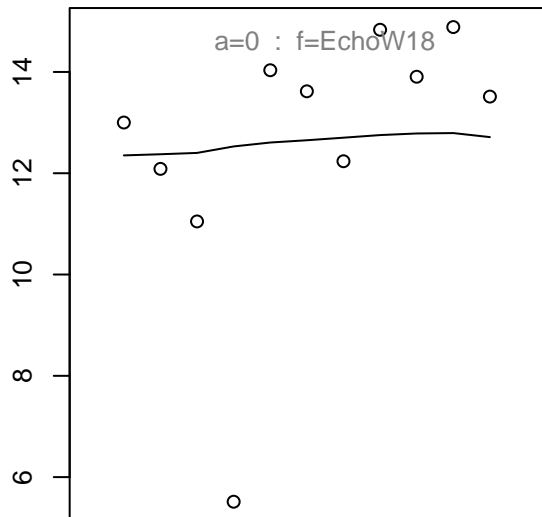


Year

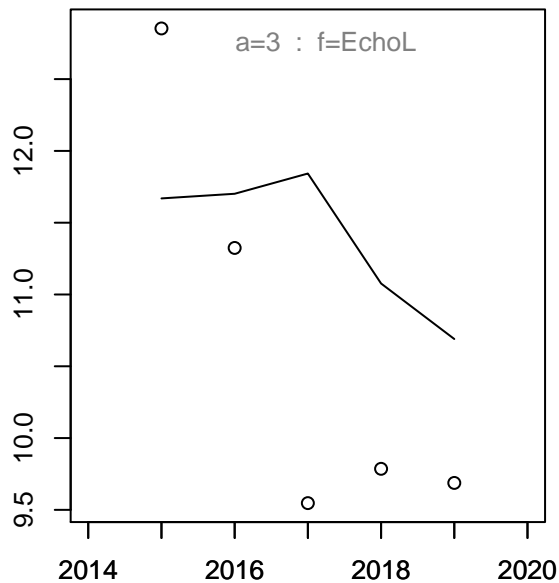
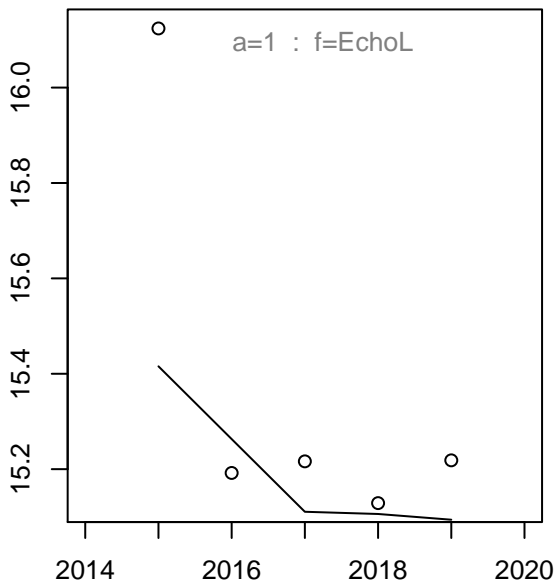
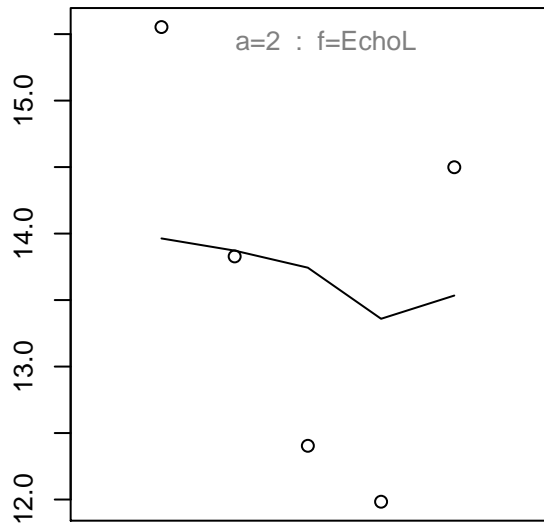
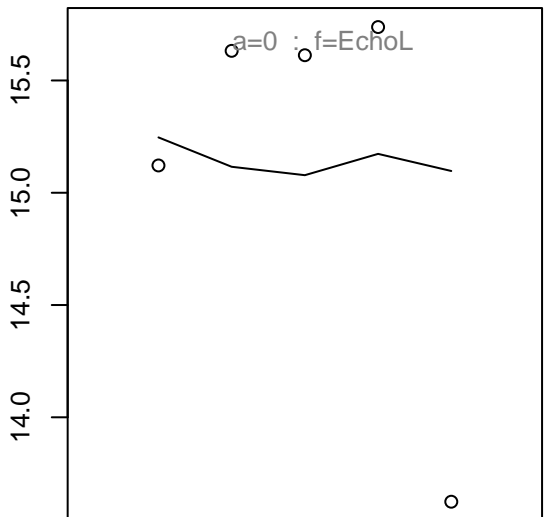


Year

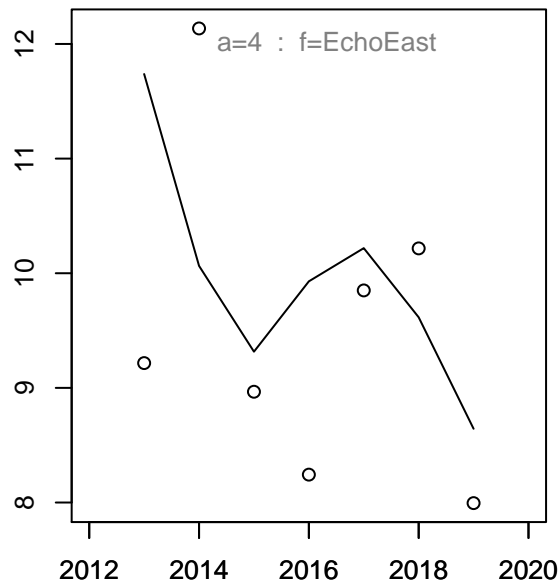
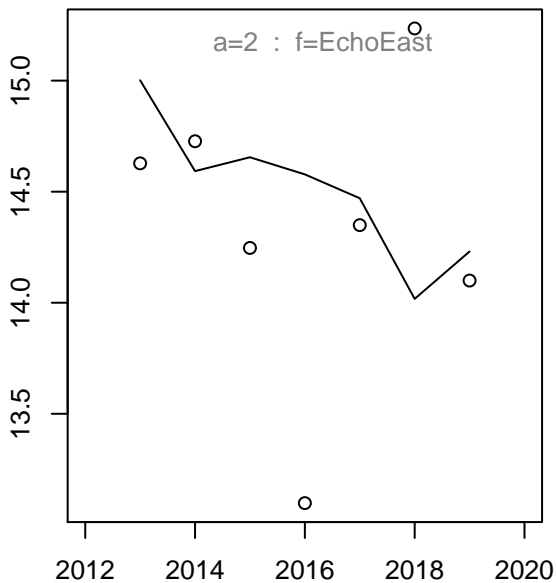
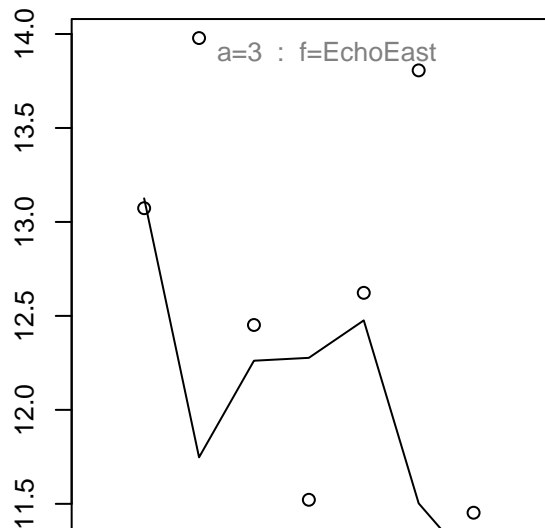
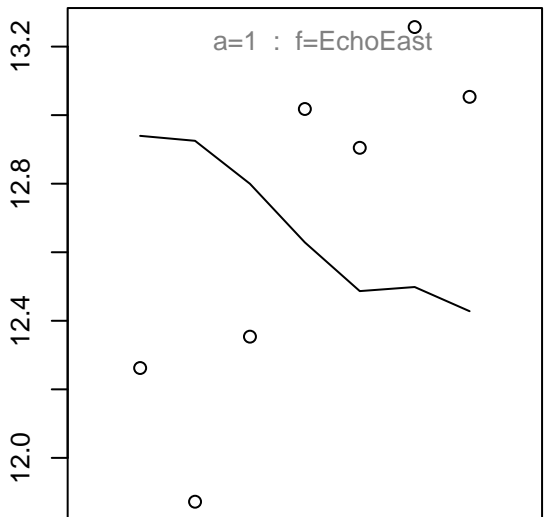




Year



Year



Year

