

Sardine GSA 17-18

Spawning stock biomass

SSB

1000000

500000

0

Fishing mortality

Fbar

2.0

1.5

1.0

0.5

0.0

Recruitment

Rec

8e+07

6e+07

4e+07

2e+07

0e+00

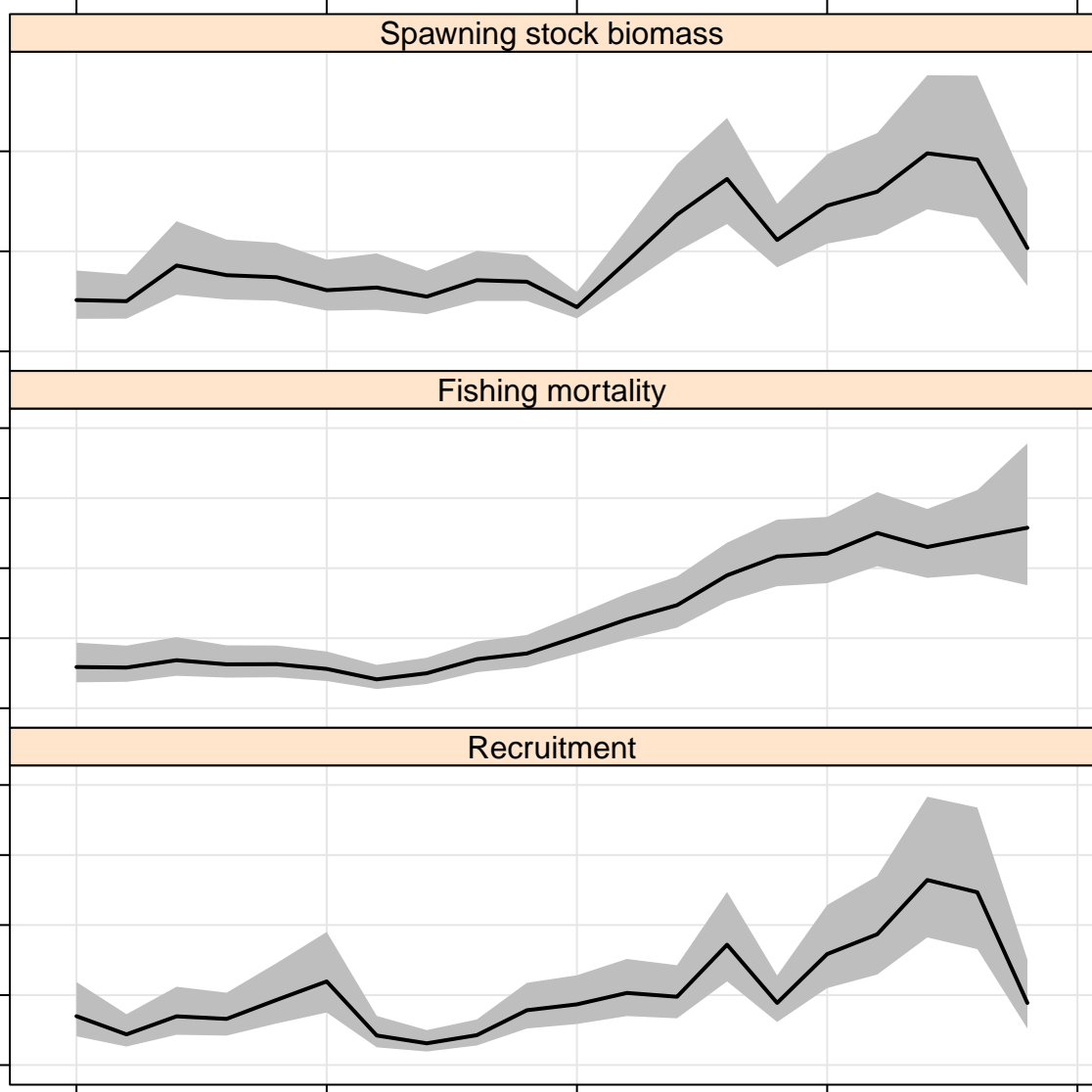
2000

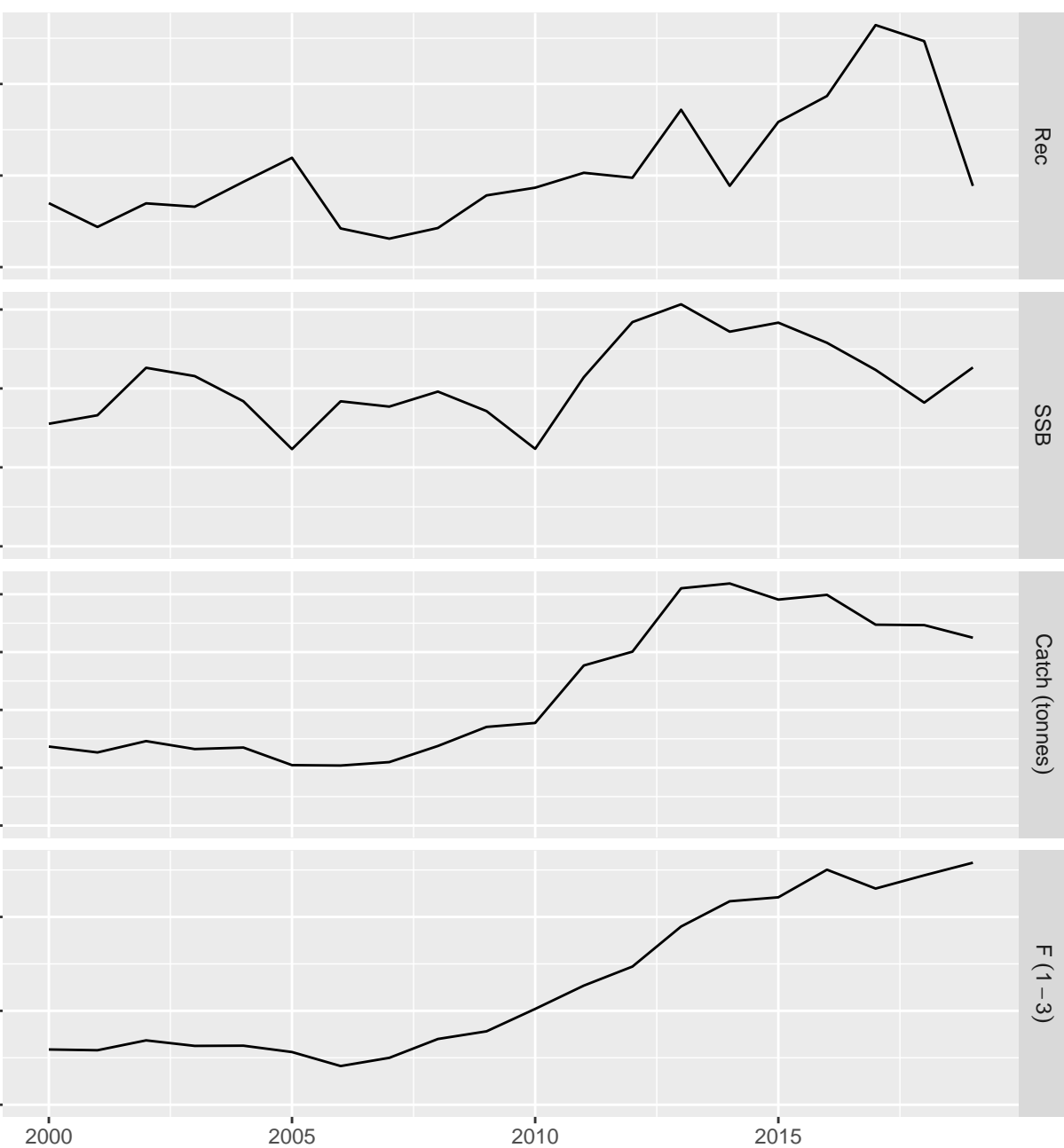
2005

2010

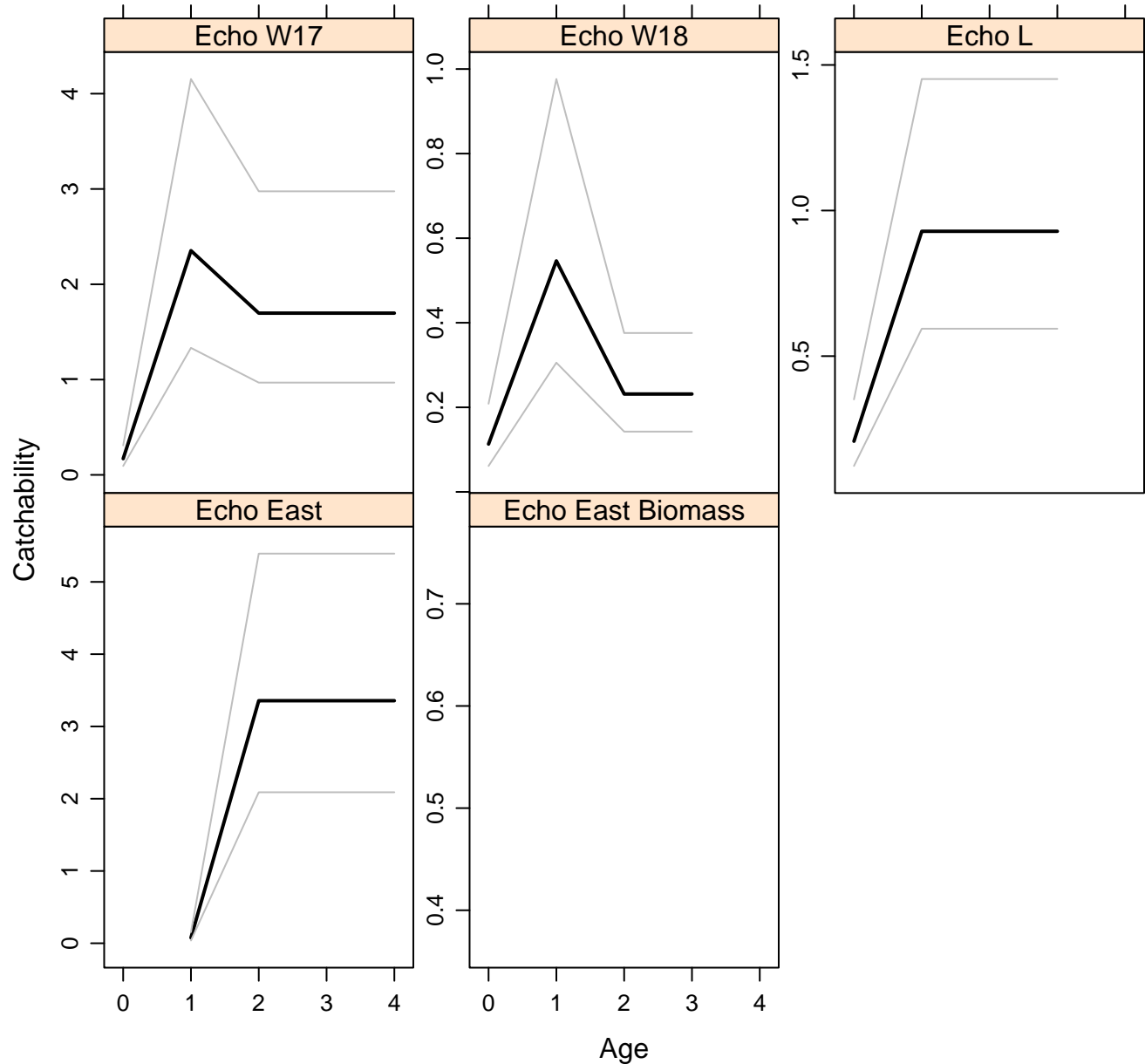
2015

Year

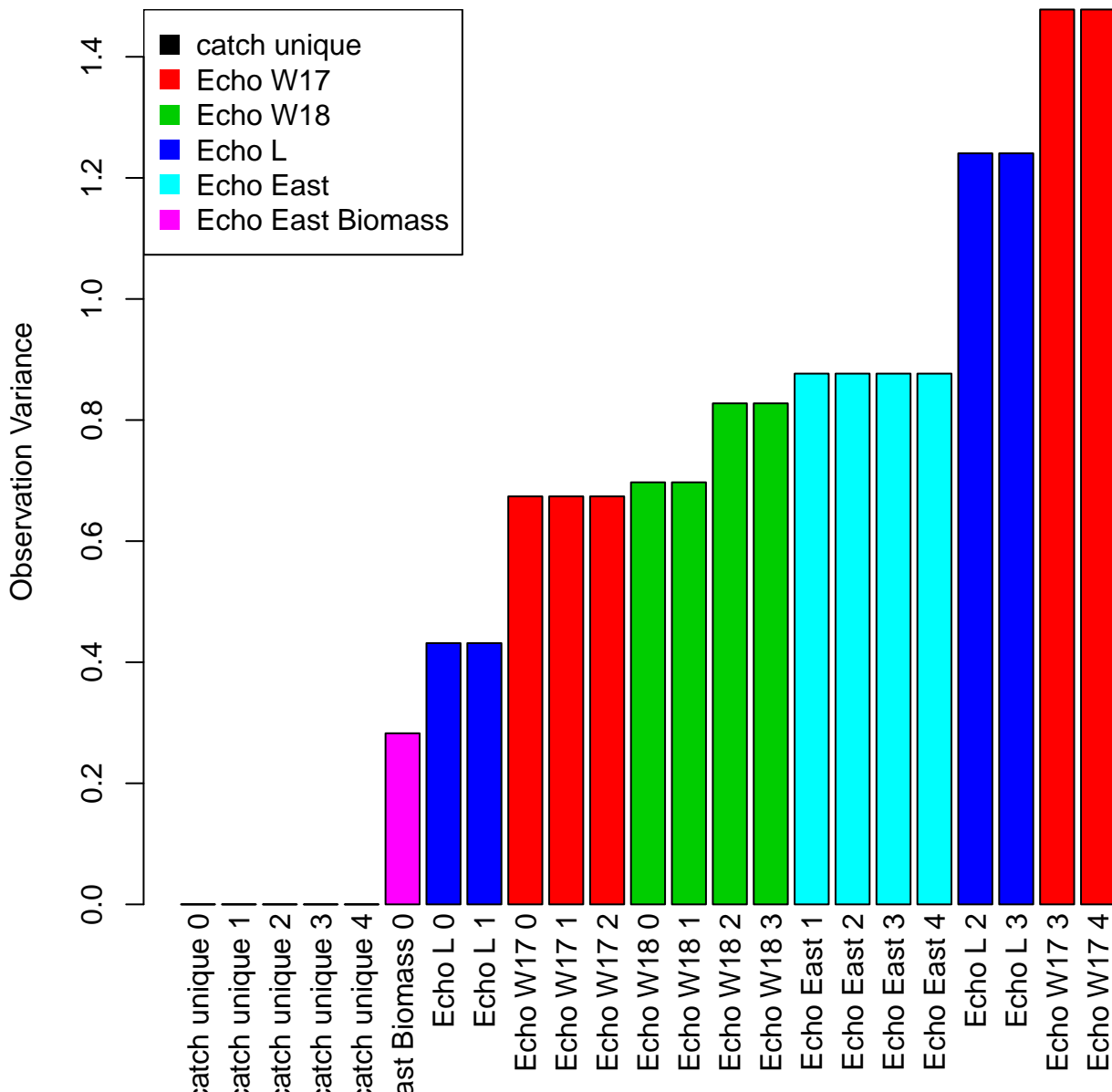




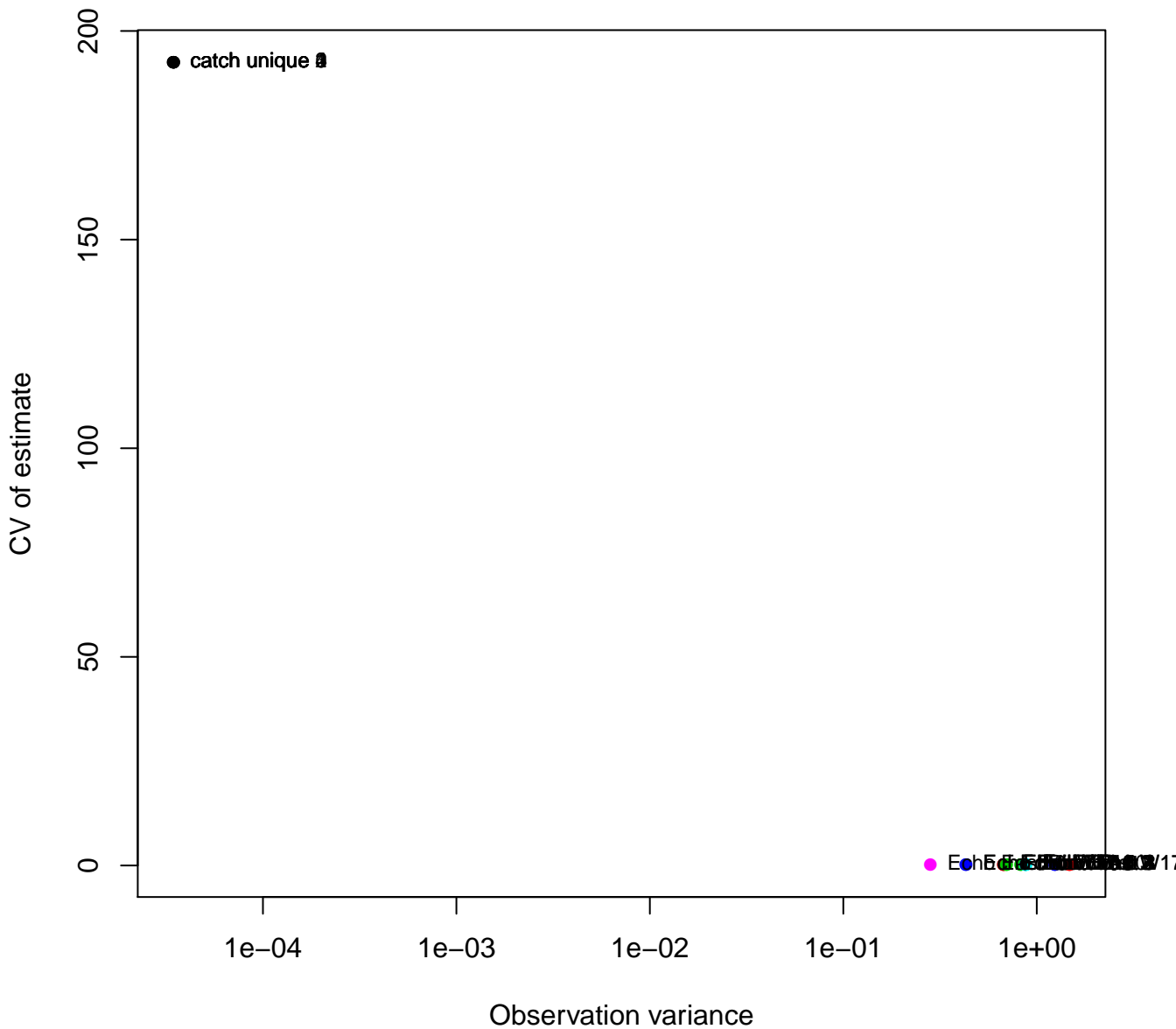
Survey catchability parameters



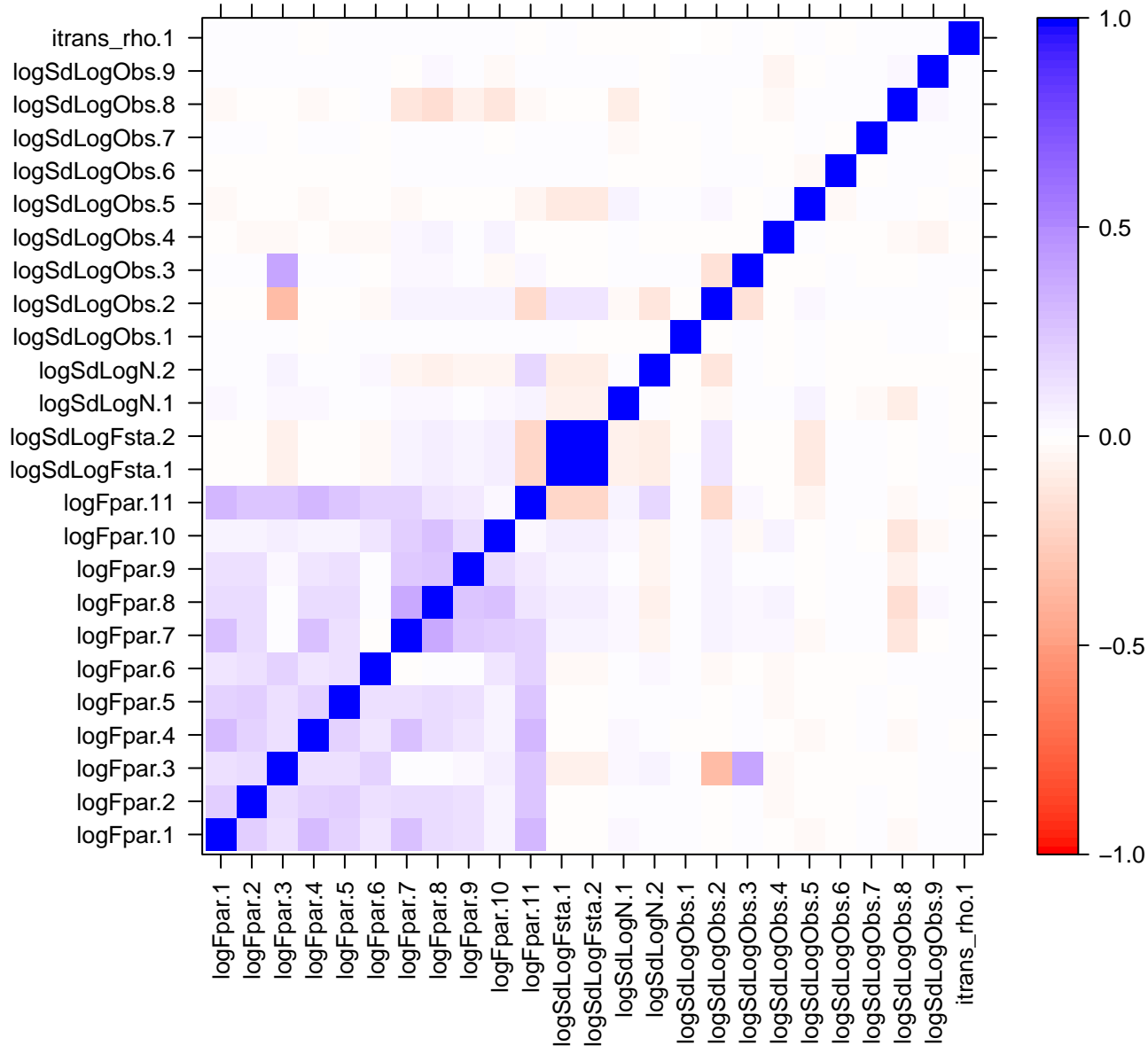
Observation variances by data source

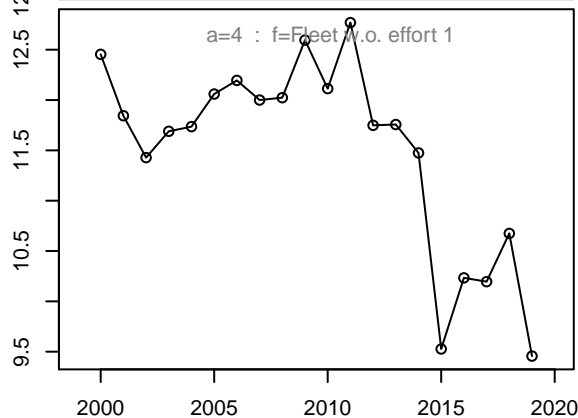
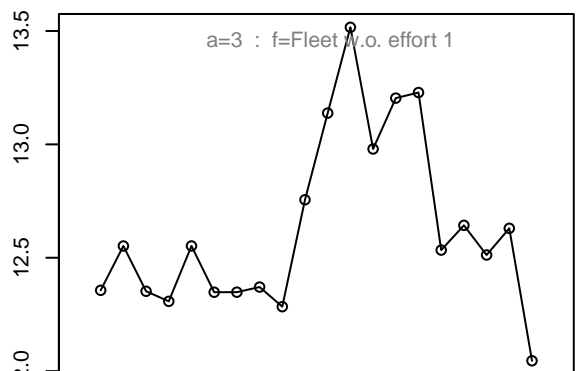
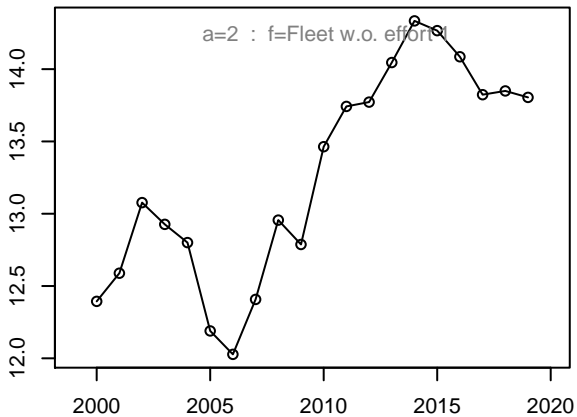
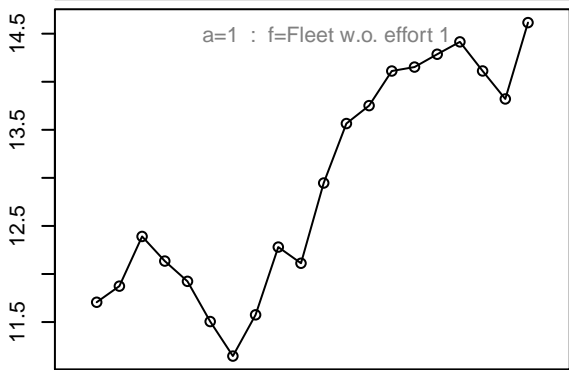
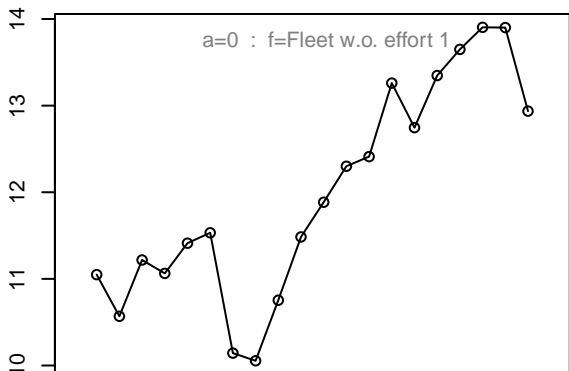


Observation variance vs uncertainty

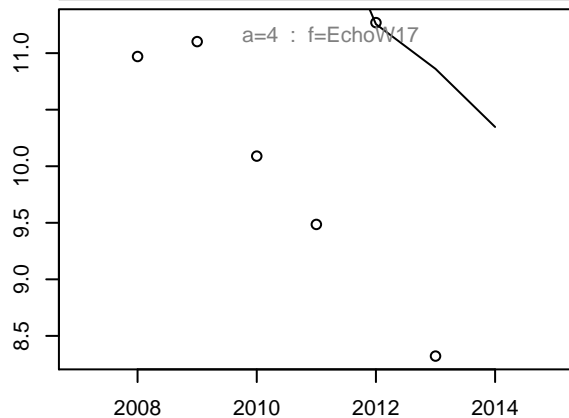
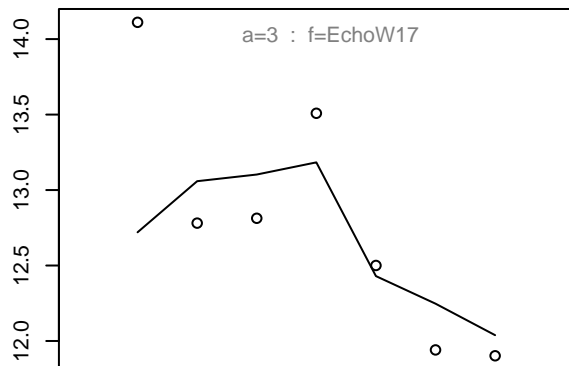
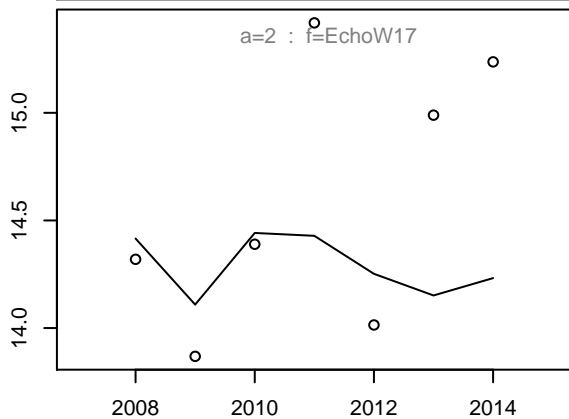
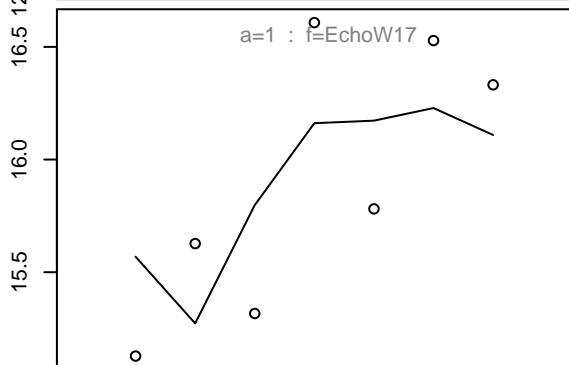
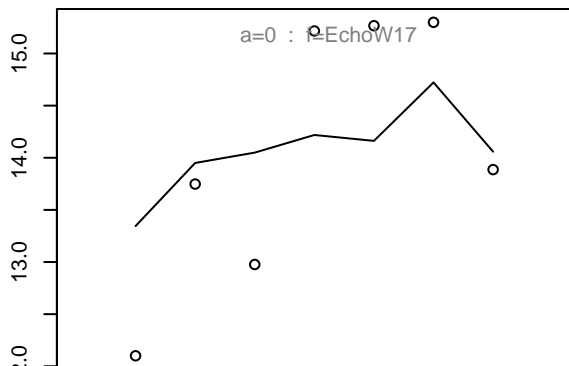


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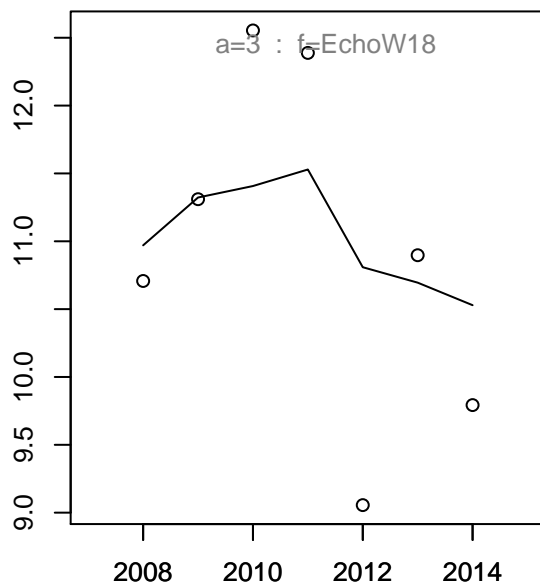
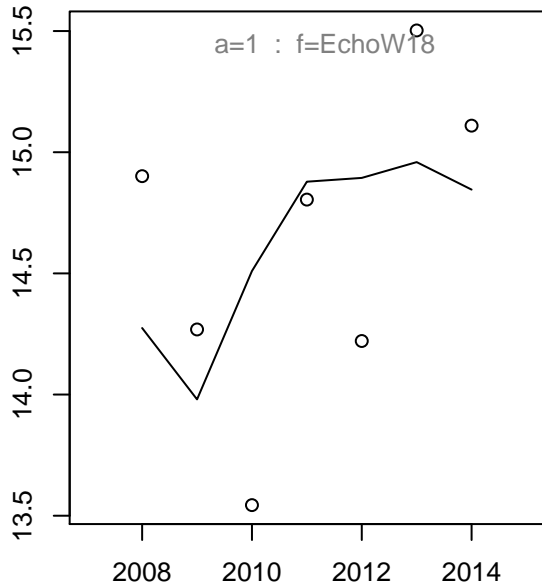
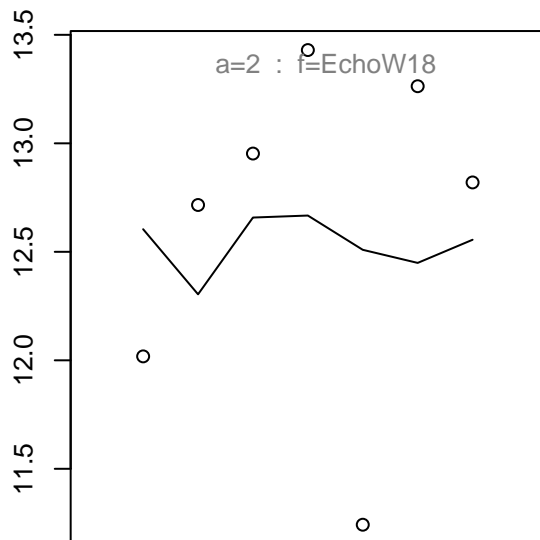
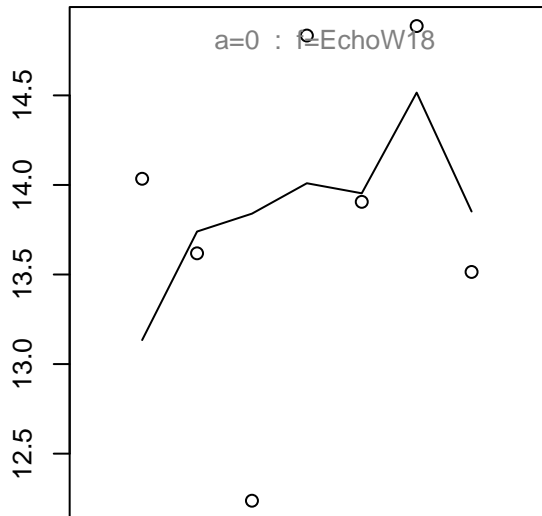




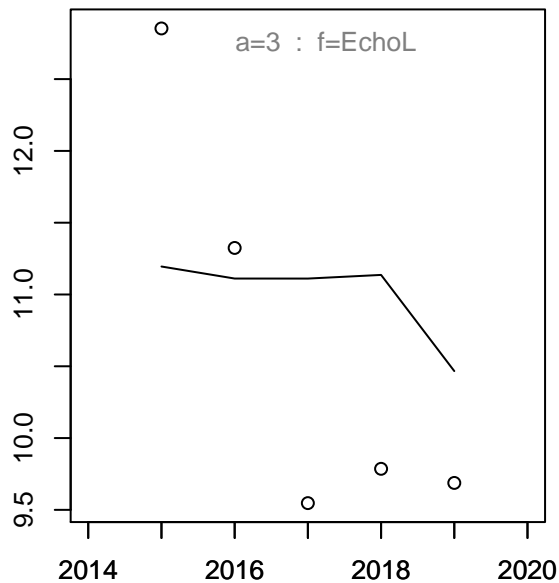
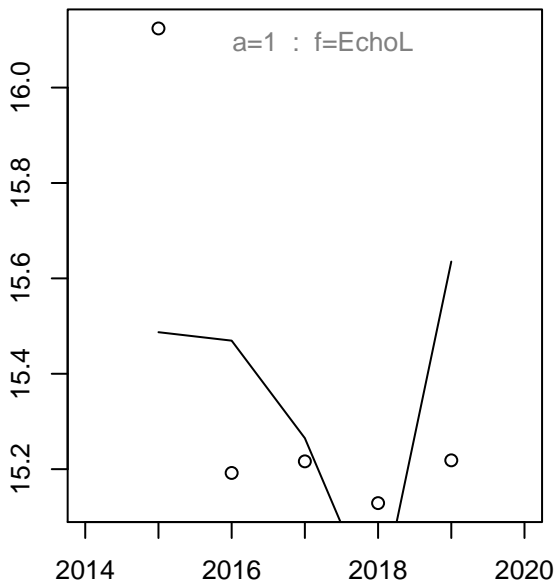
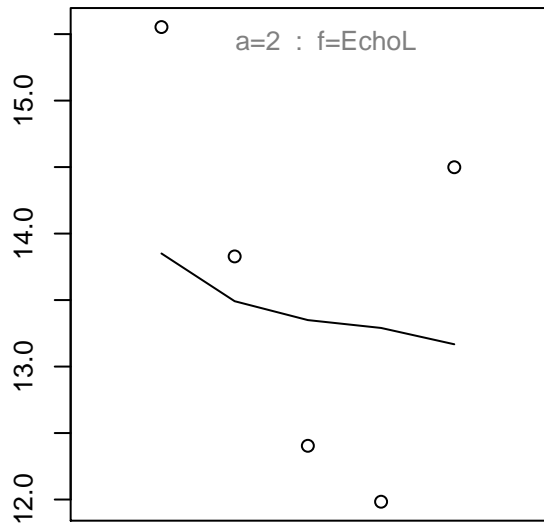
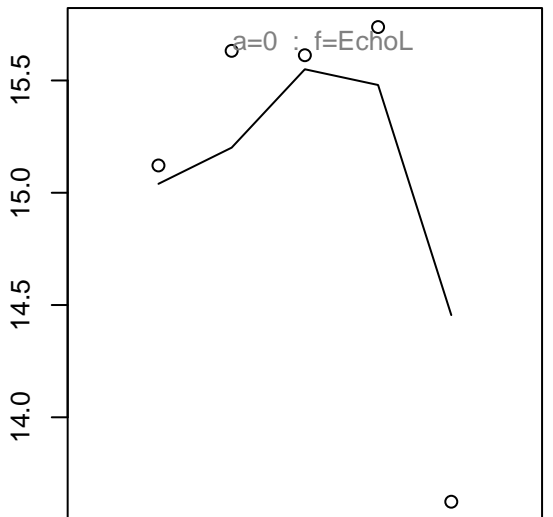
Year



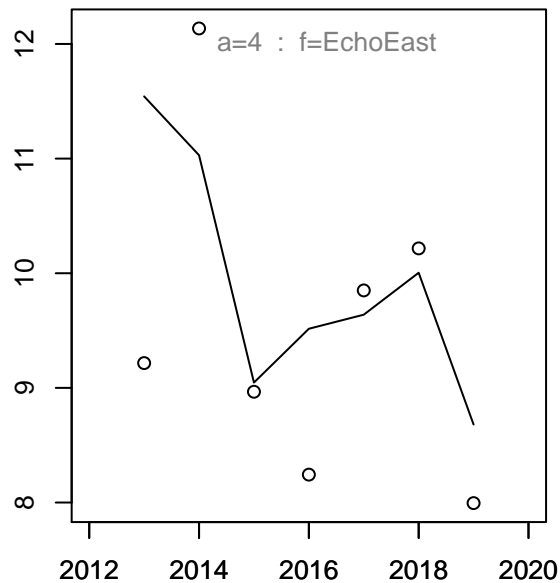
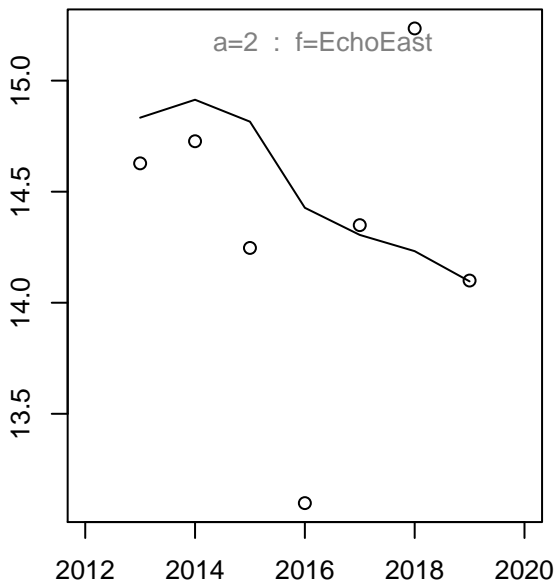
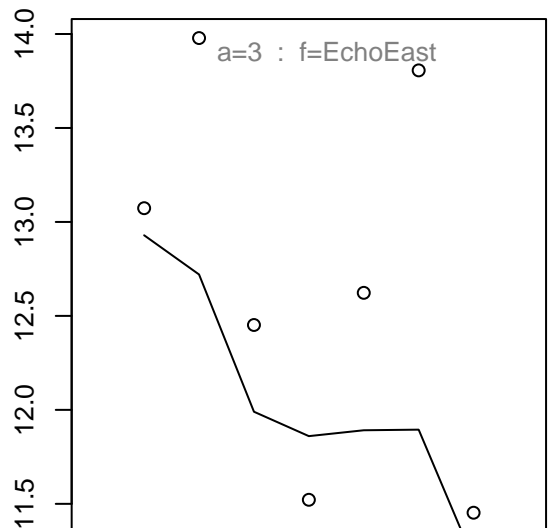
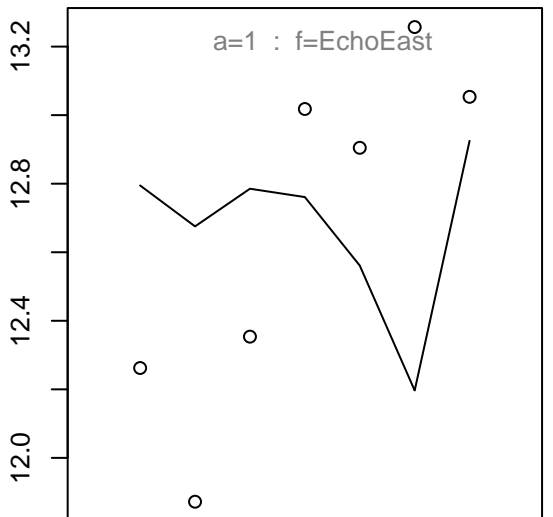
Year



Year



Year



Year

