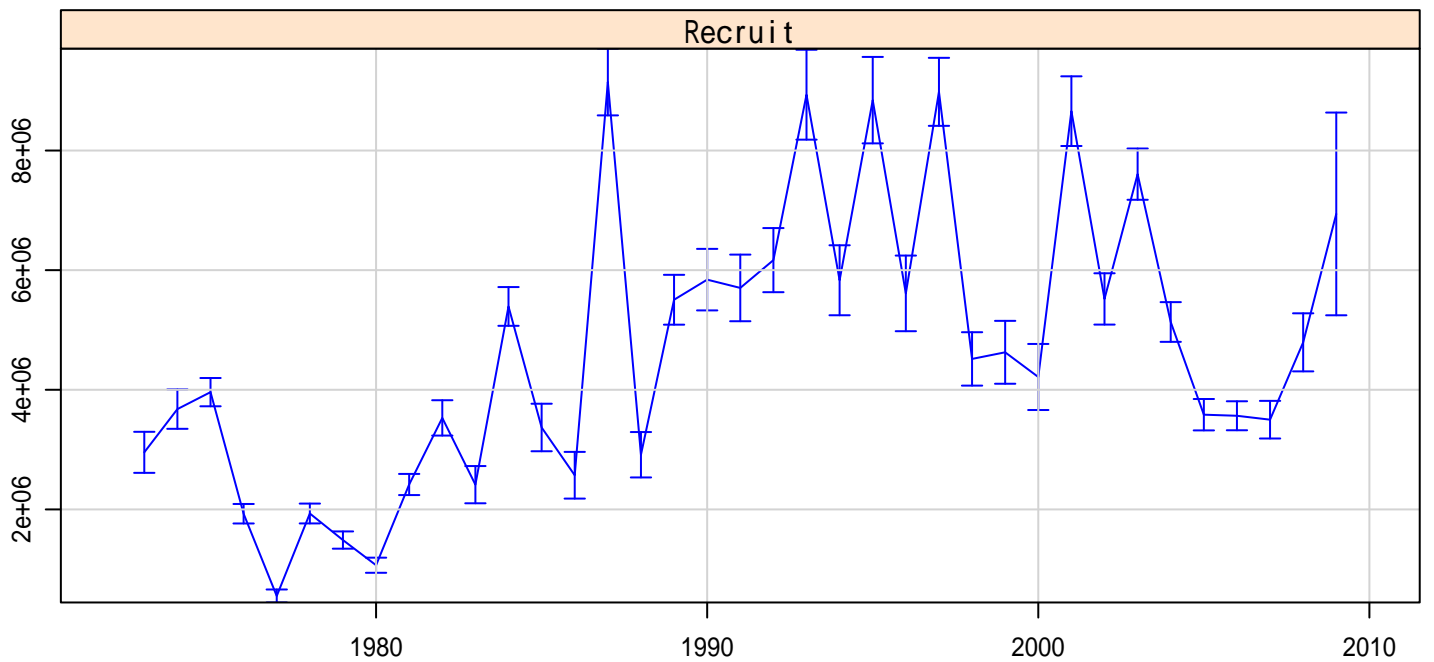
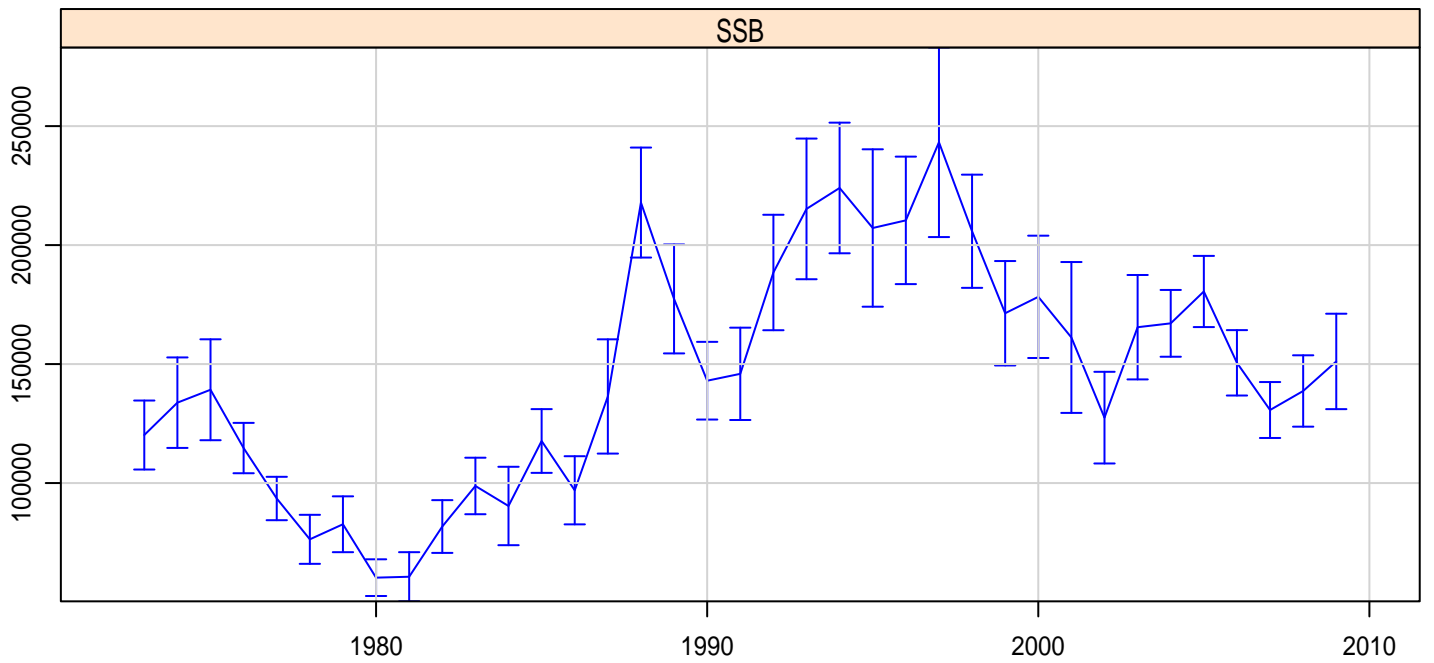
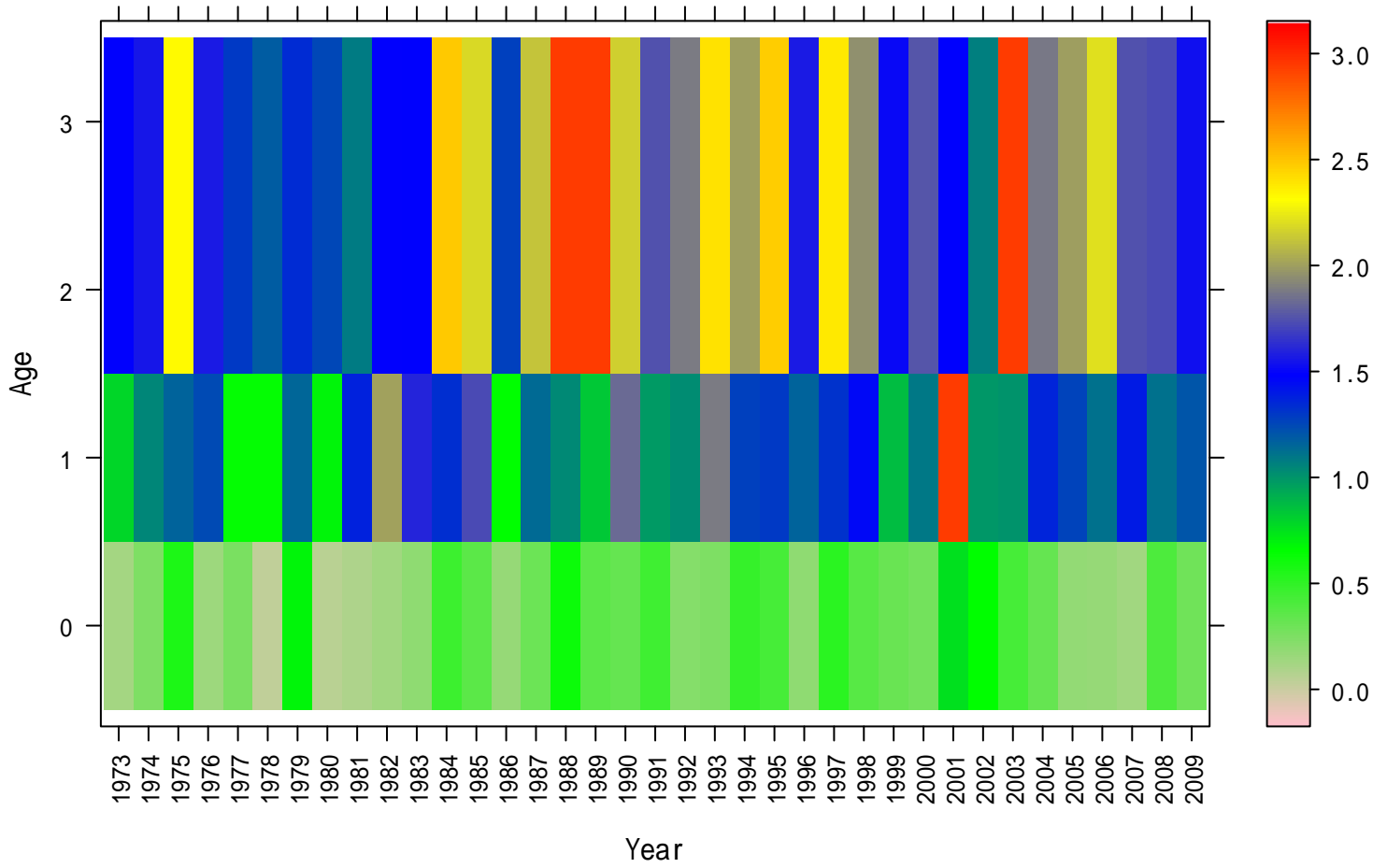


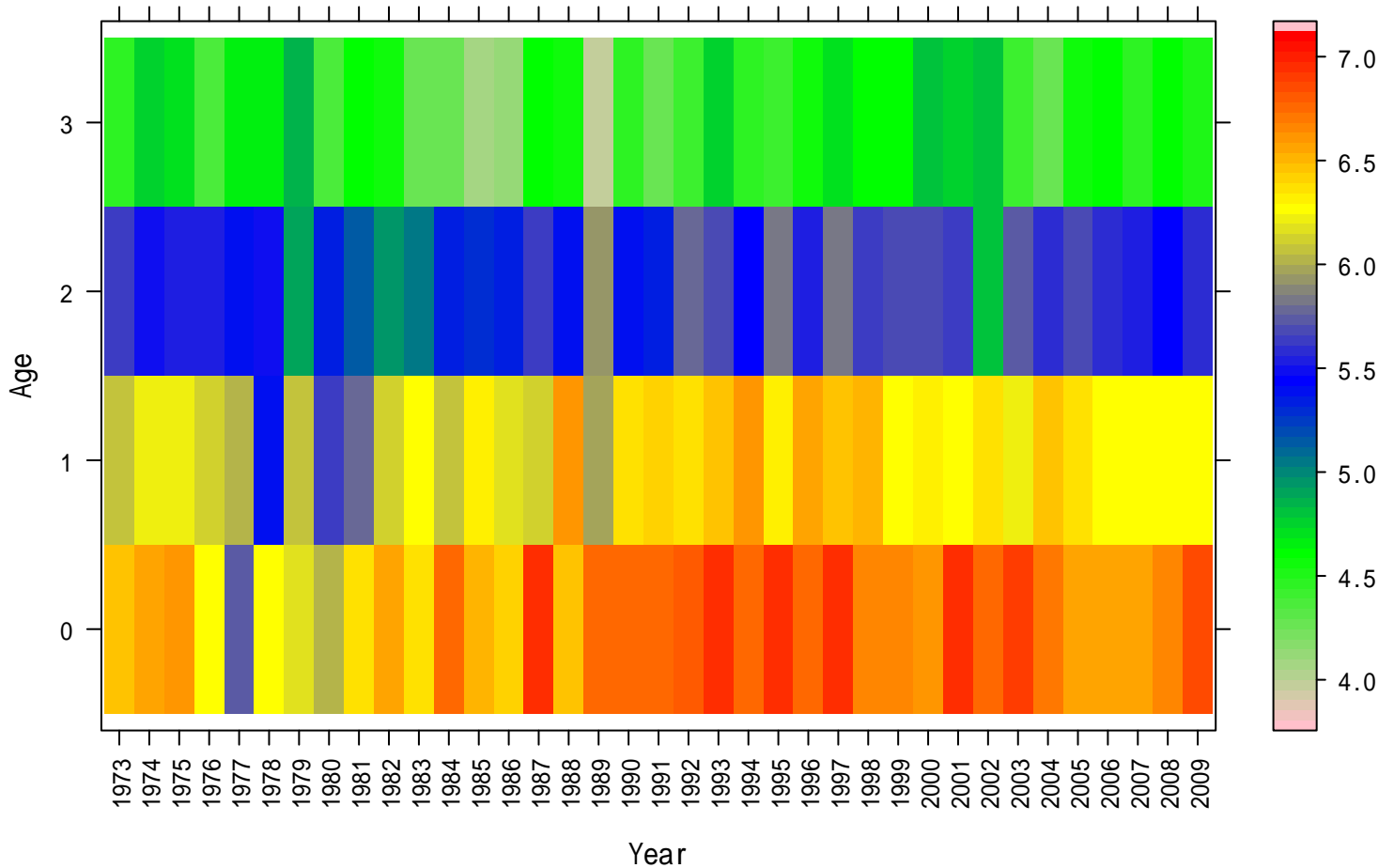
SSB with 1SD



annual F@A

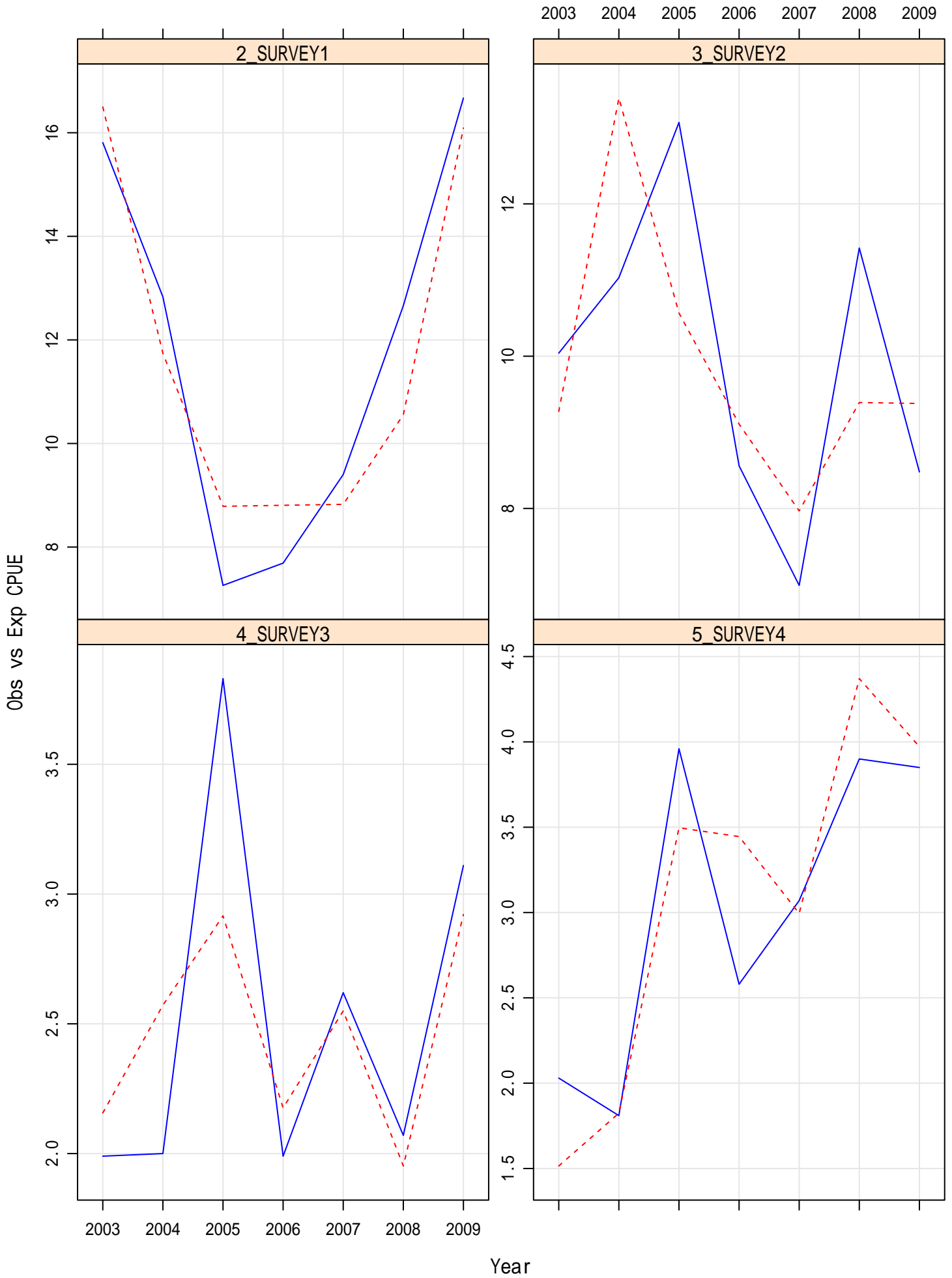


Numbers at age in log10 at the beginning of year



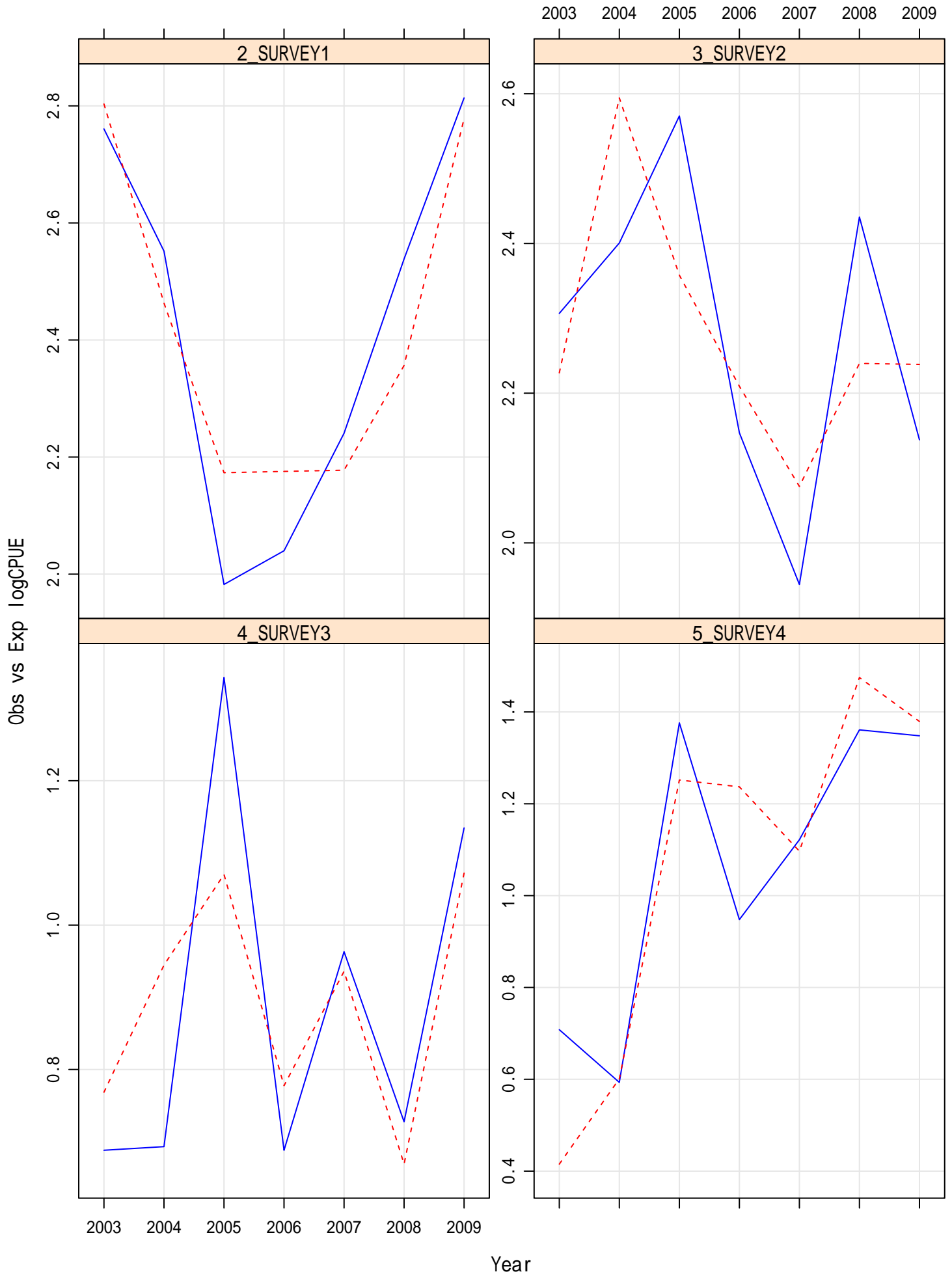
Expected vs Observed CPUEs

Obs Exp

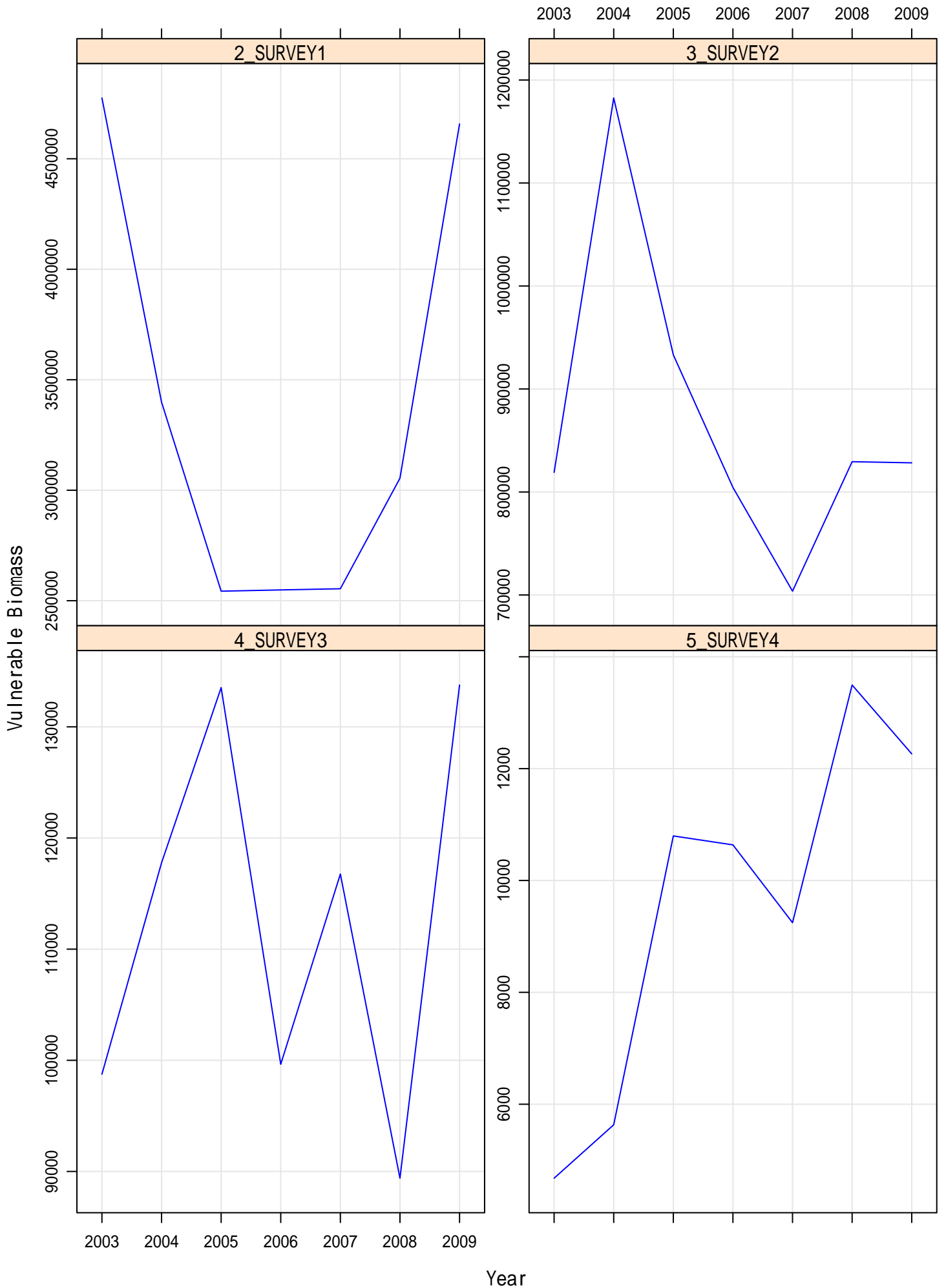


Obs vs Exp logCPUE

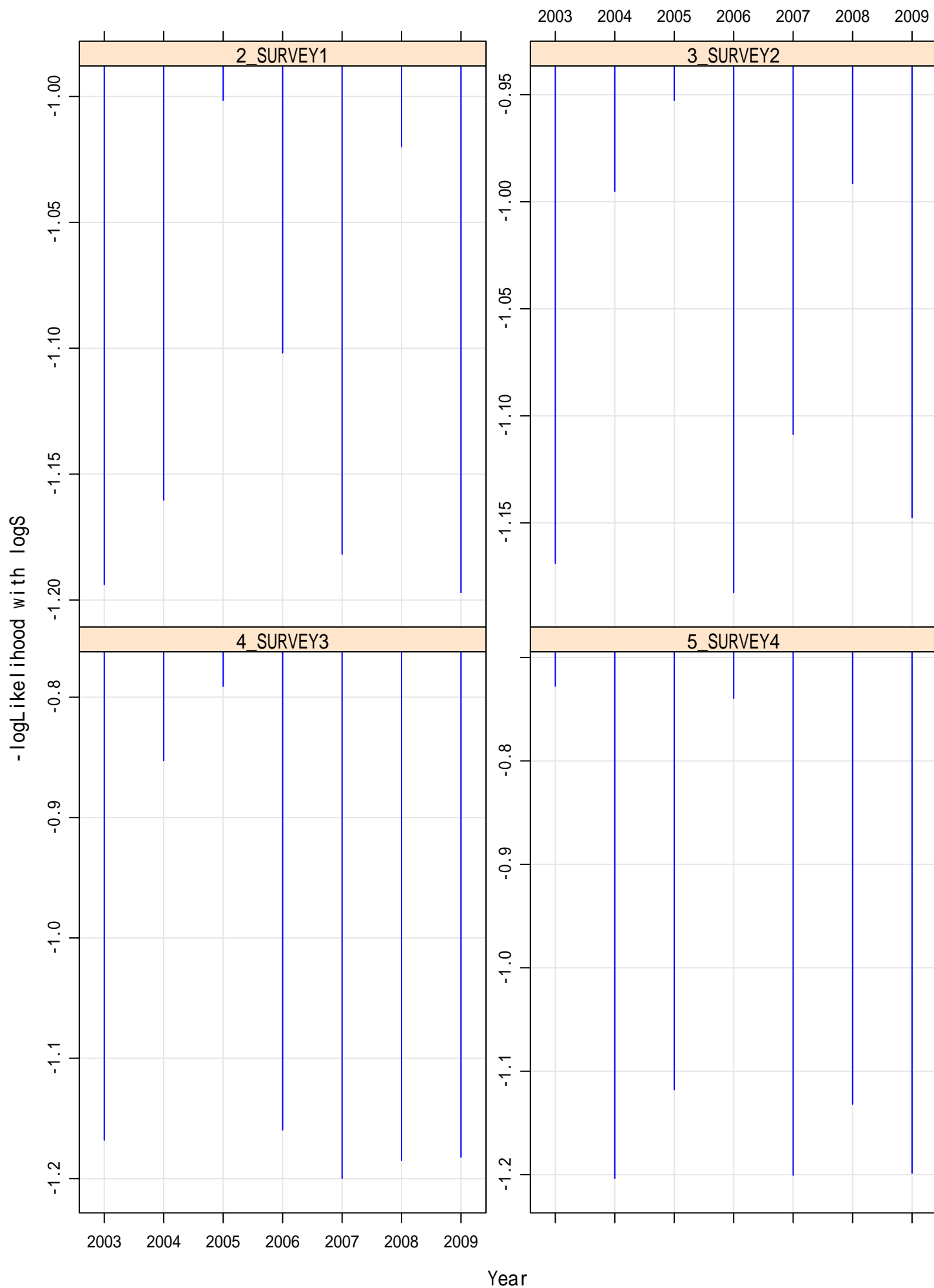
logObs ○ logExp ○



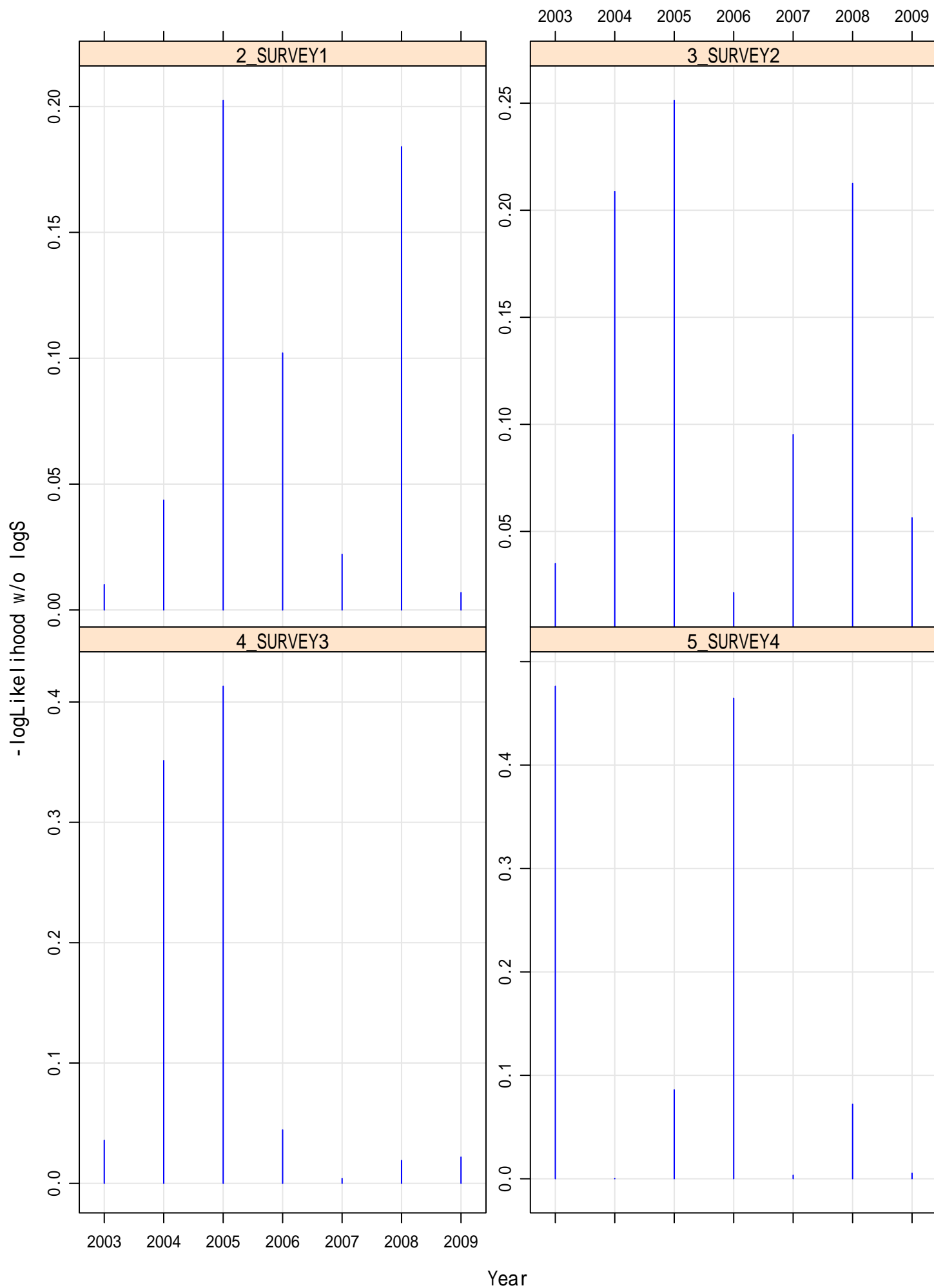
Vulnerable biomass



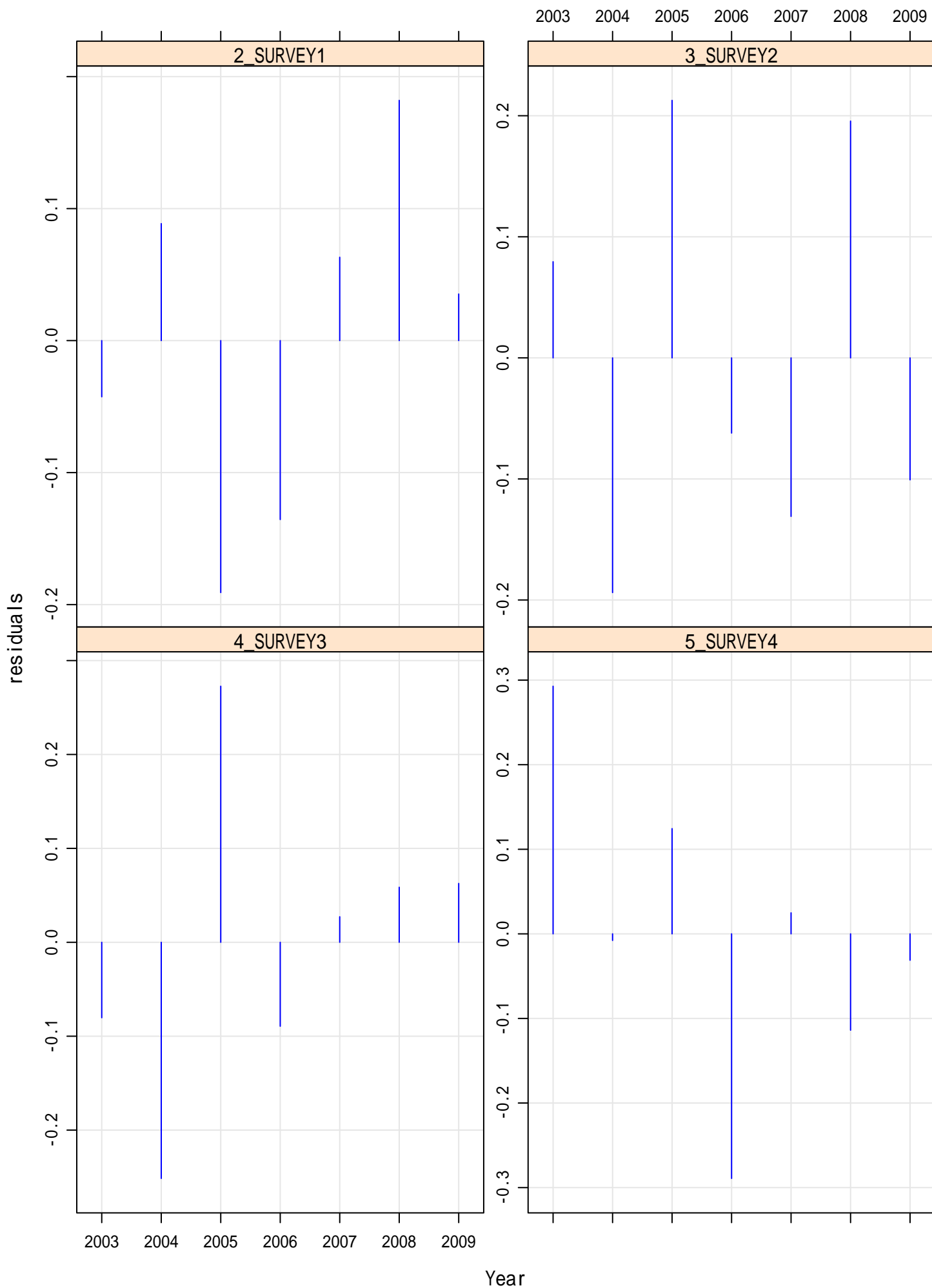
-logLikelihood with logS



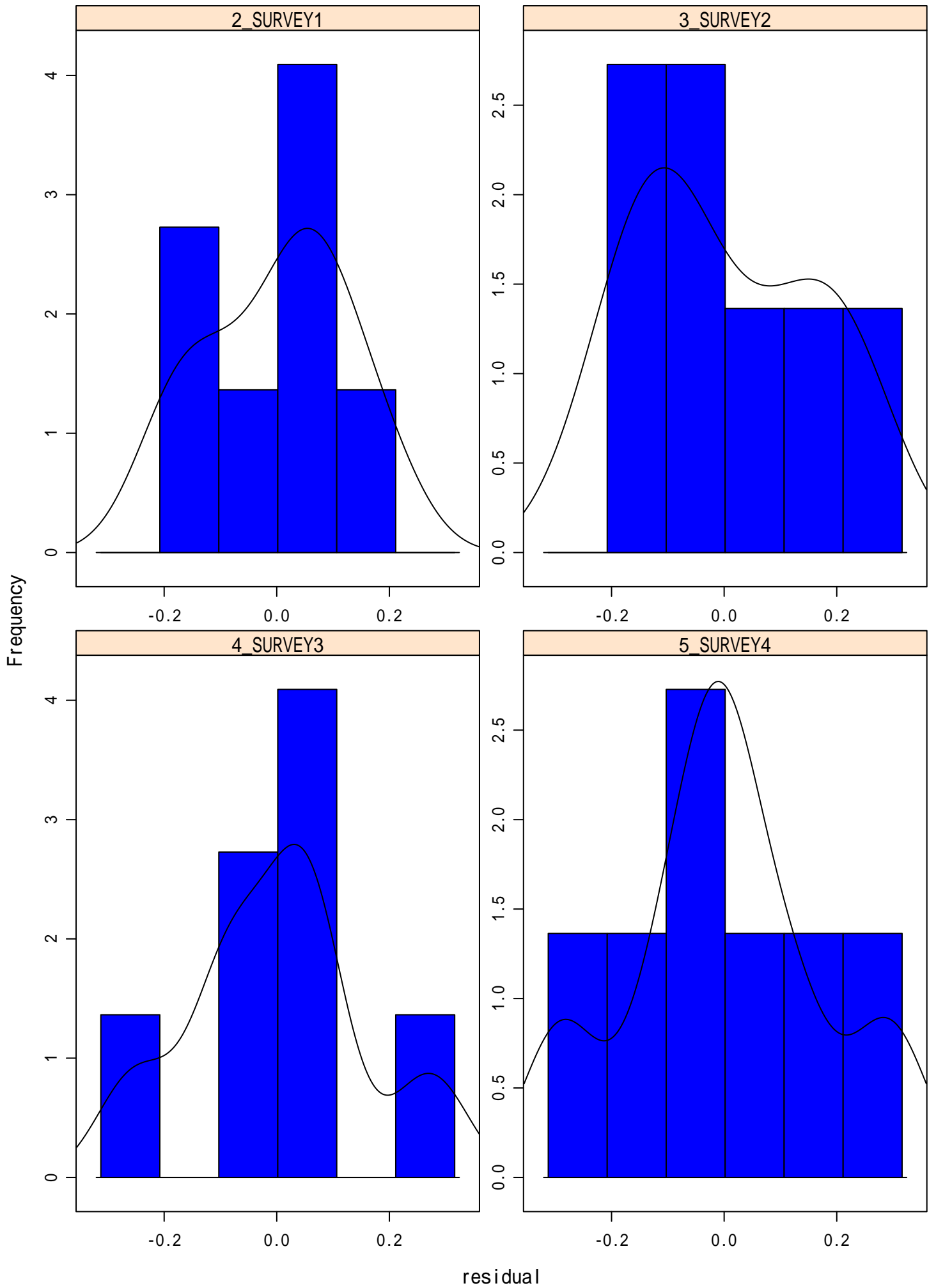
-logLikelihood without logS



residuals by year

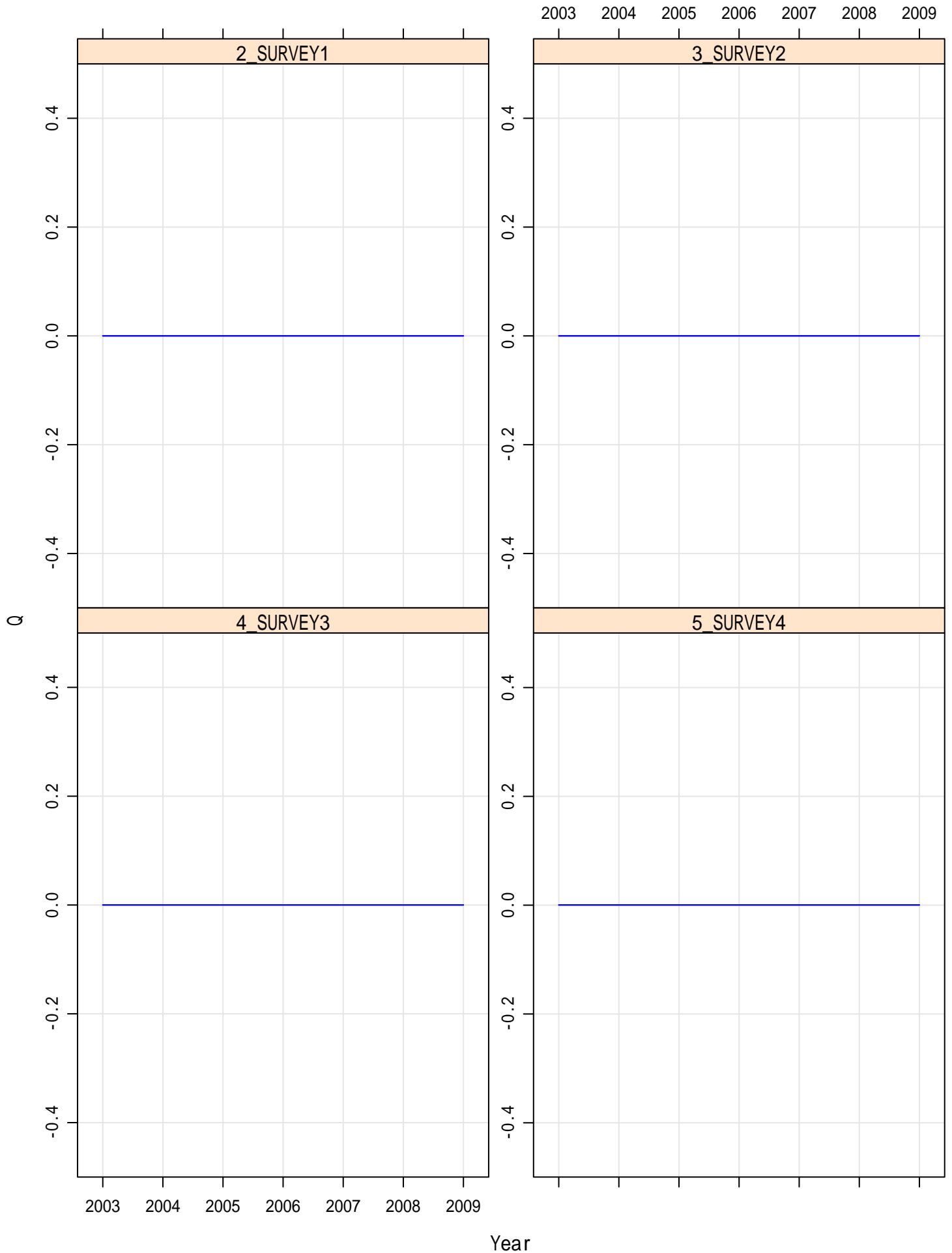


residuals density



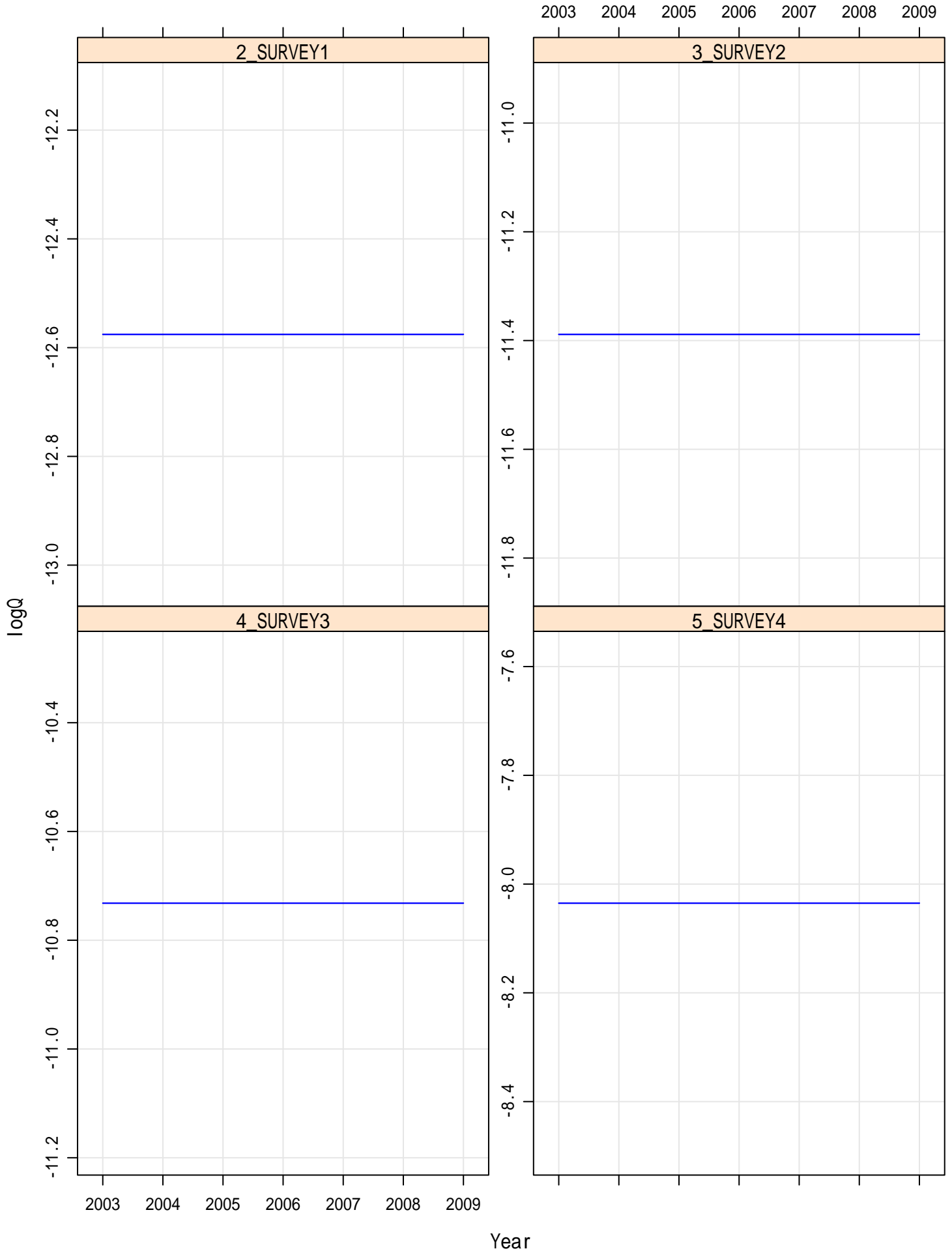
Calc_Q and Eff_Q by year

Calc_Q ○
Eff_Q ○



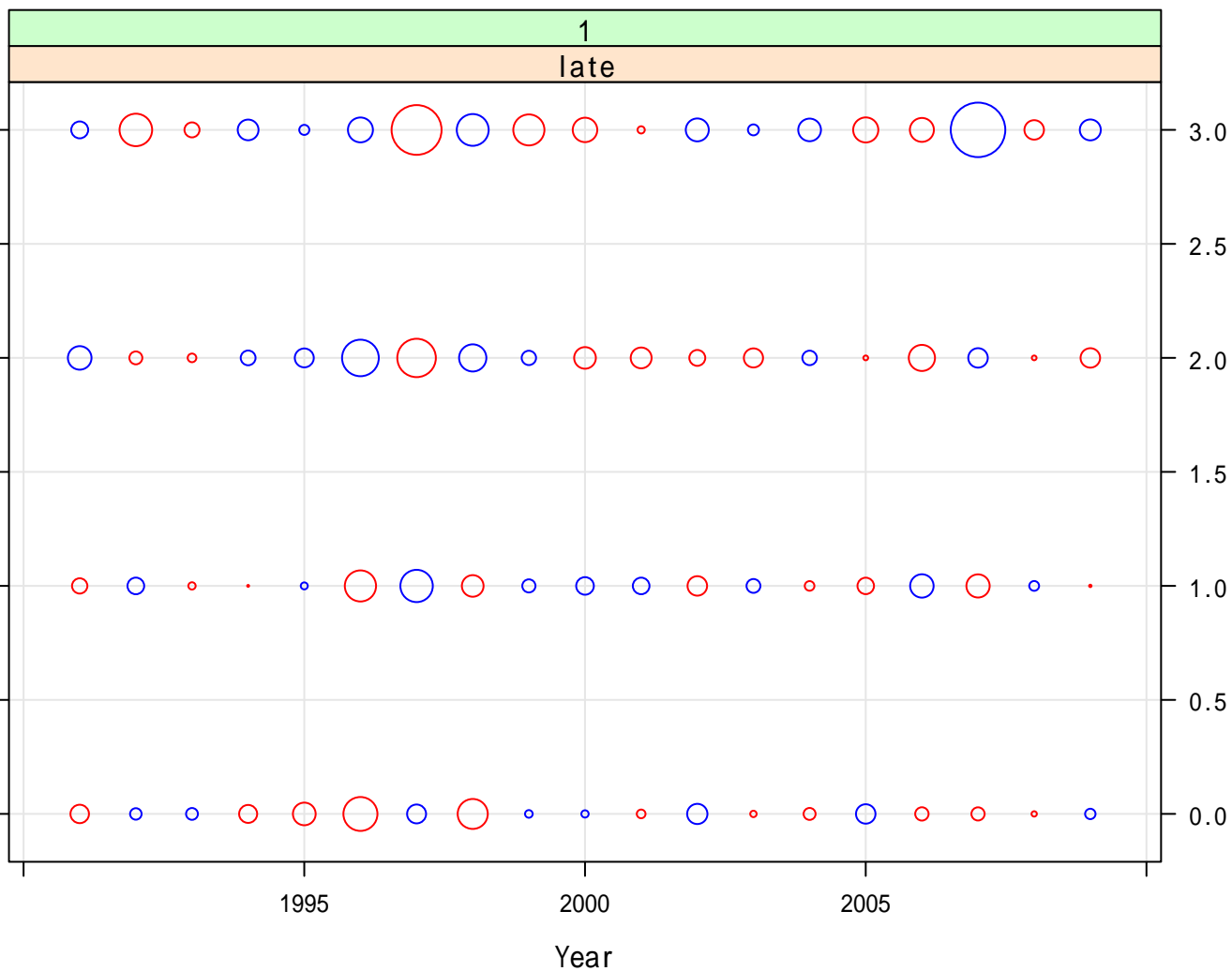
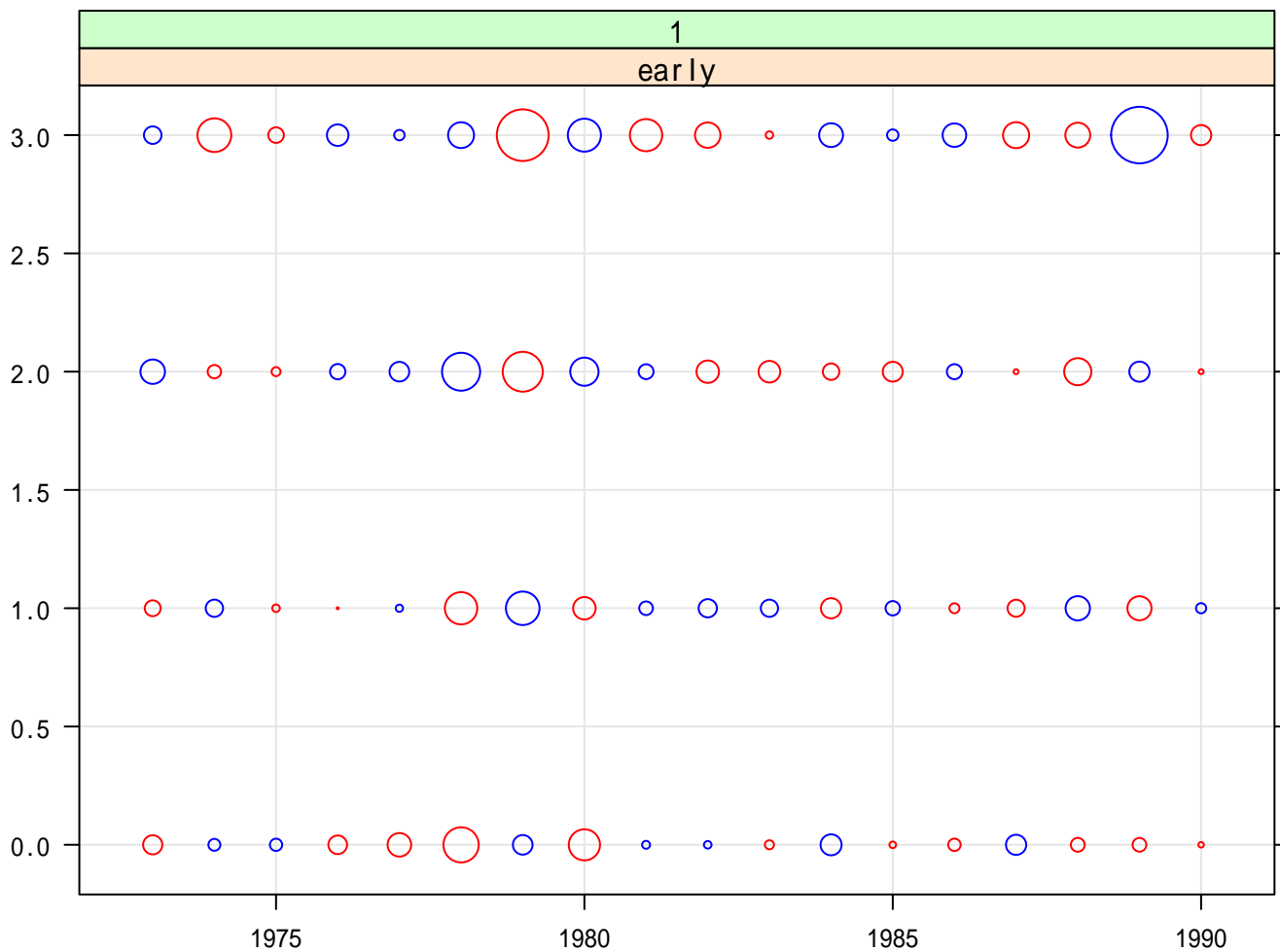
logCalc_Q and logEff_Q by year

logCalc_Q ○
logEff_Q ○

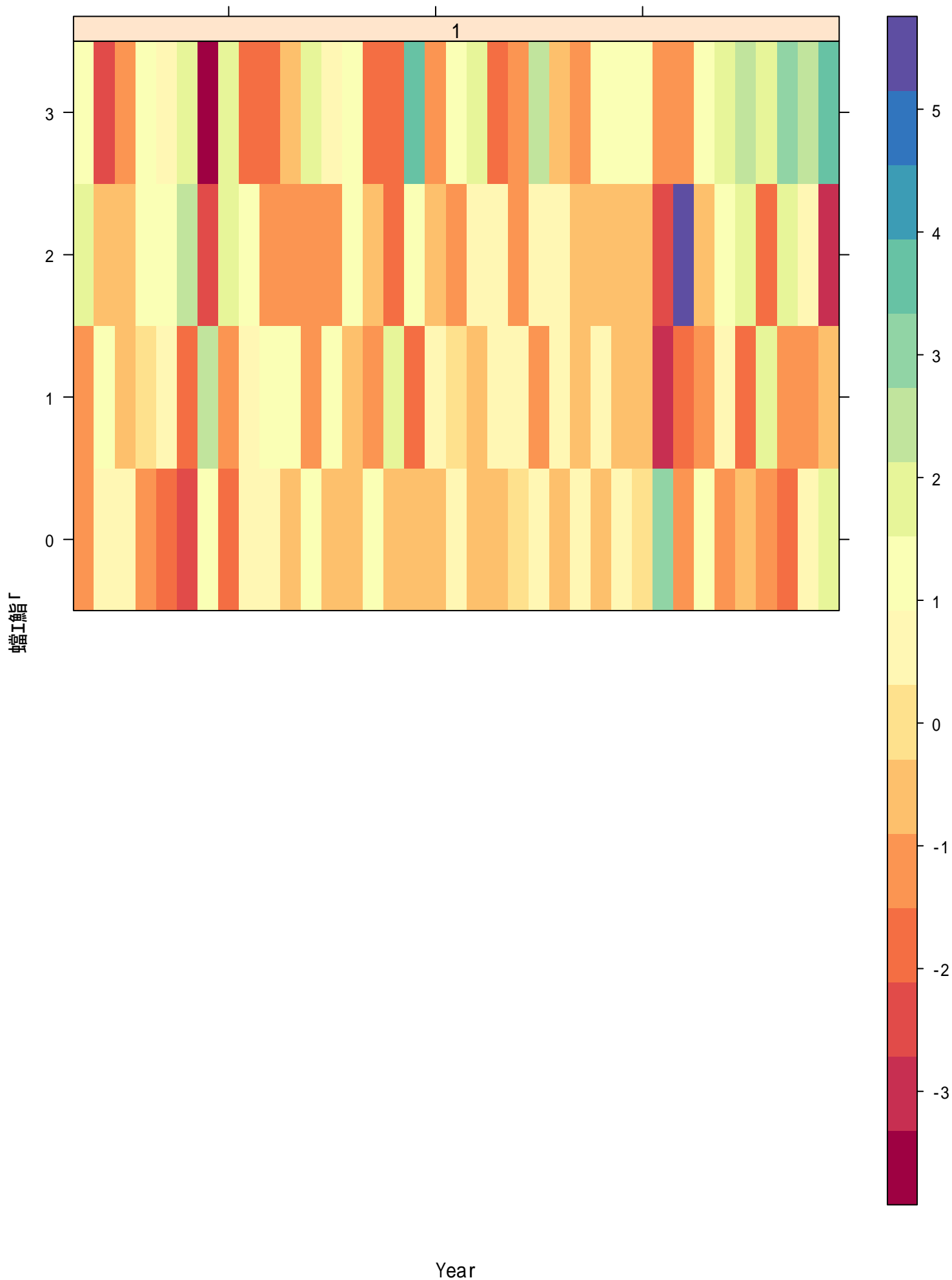


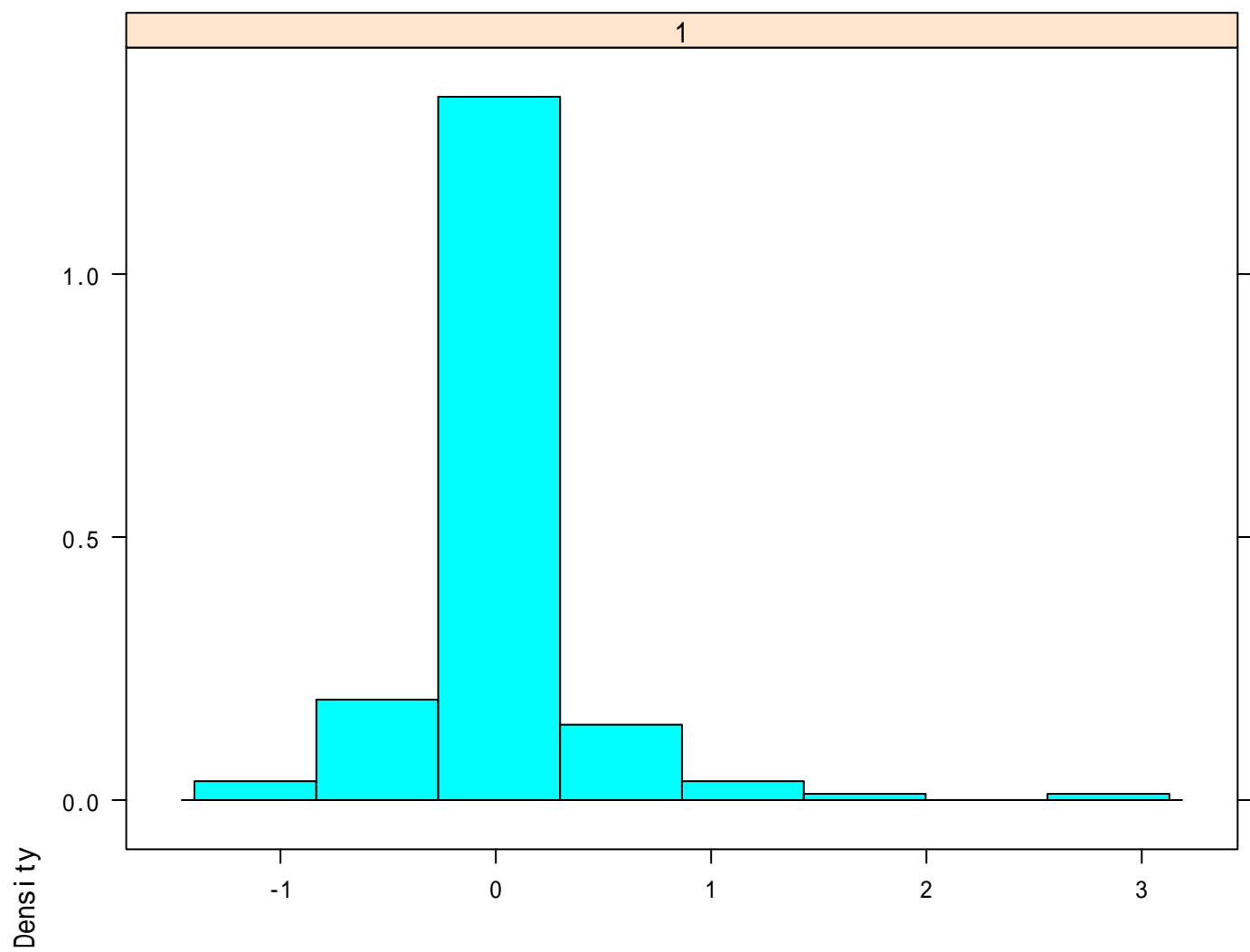
Age fit

端工端目

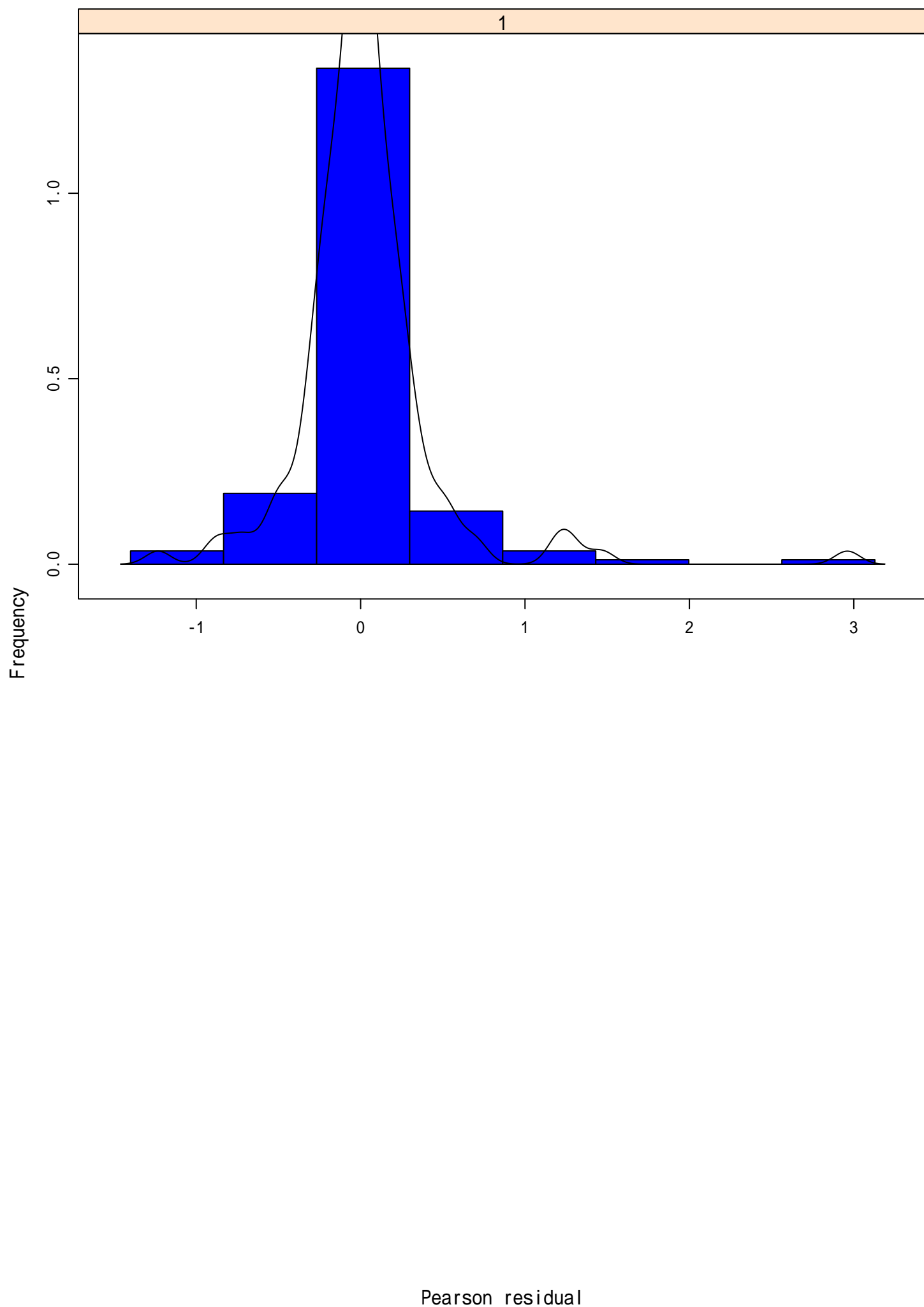


1



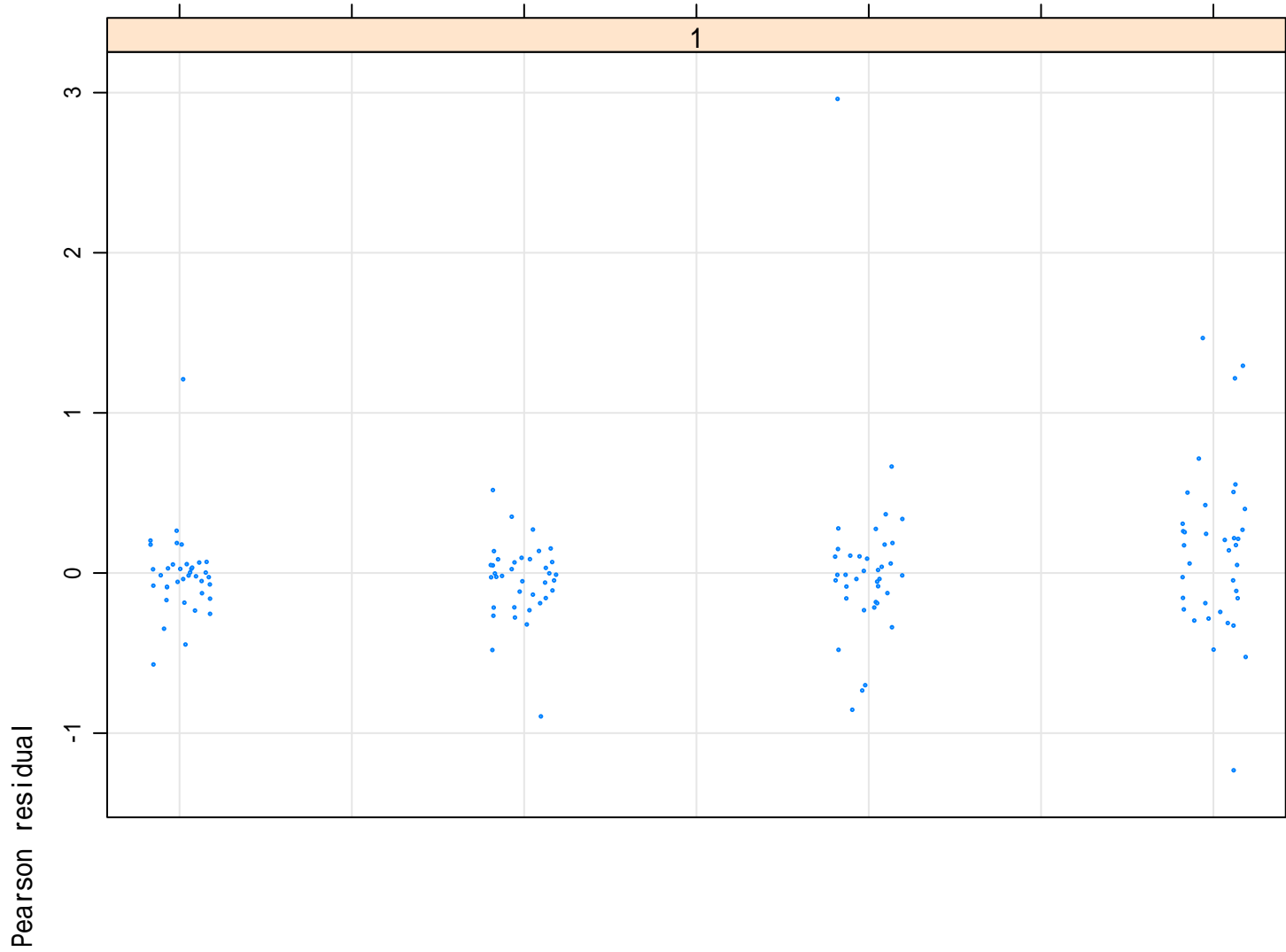


Pearson residuals



Pearson residuals by Bin

1 ○



Pearson residuals by Year

1 ○

