

File = asap3.dat

ASAP3 run on Tuesday, 02 Mar 2021 at 16:12:56

\\Users\\bai.li\\Documents\\Github\\RMAS\\vignettes\\003_ASAPCaseStudy\\asap3

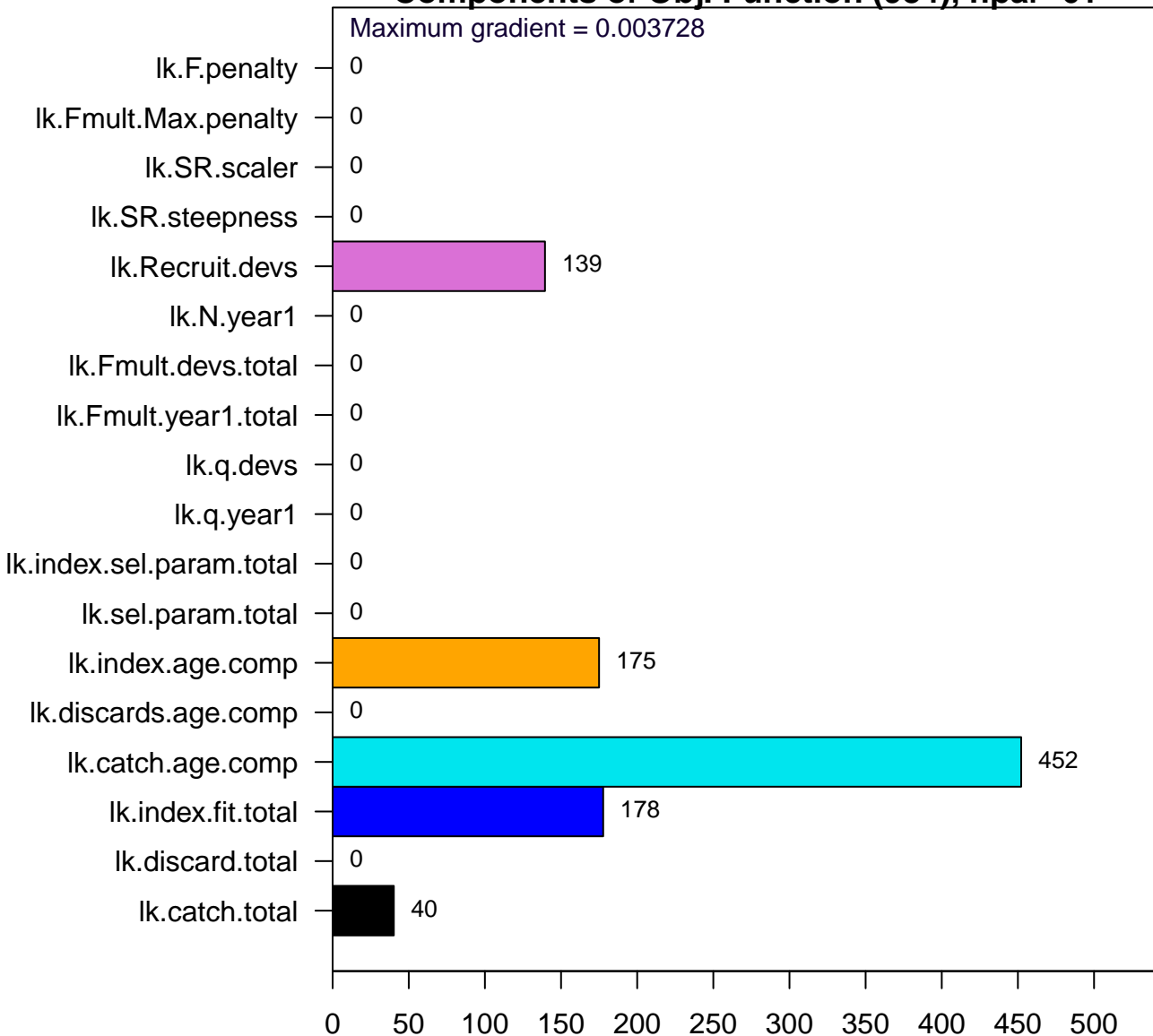
ASAPplots version = 0.2.17

Warning, maximum gradient > 0.001

npar = 61, maximum gradient = 0.00372755

Components of Obj. Function (984), npar=61

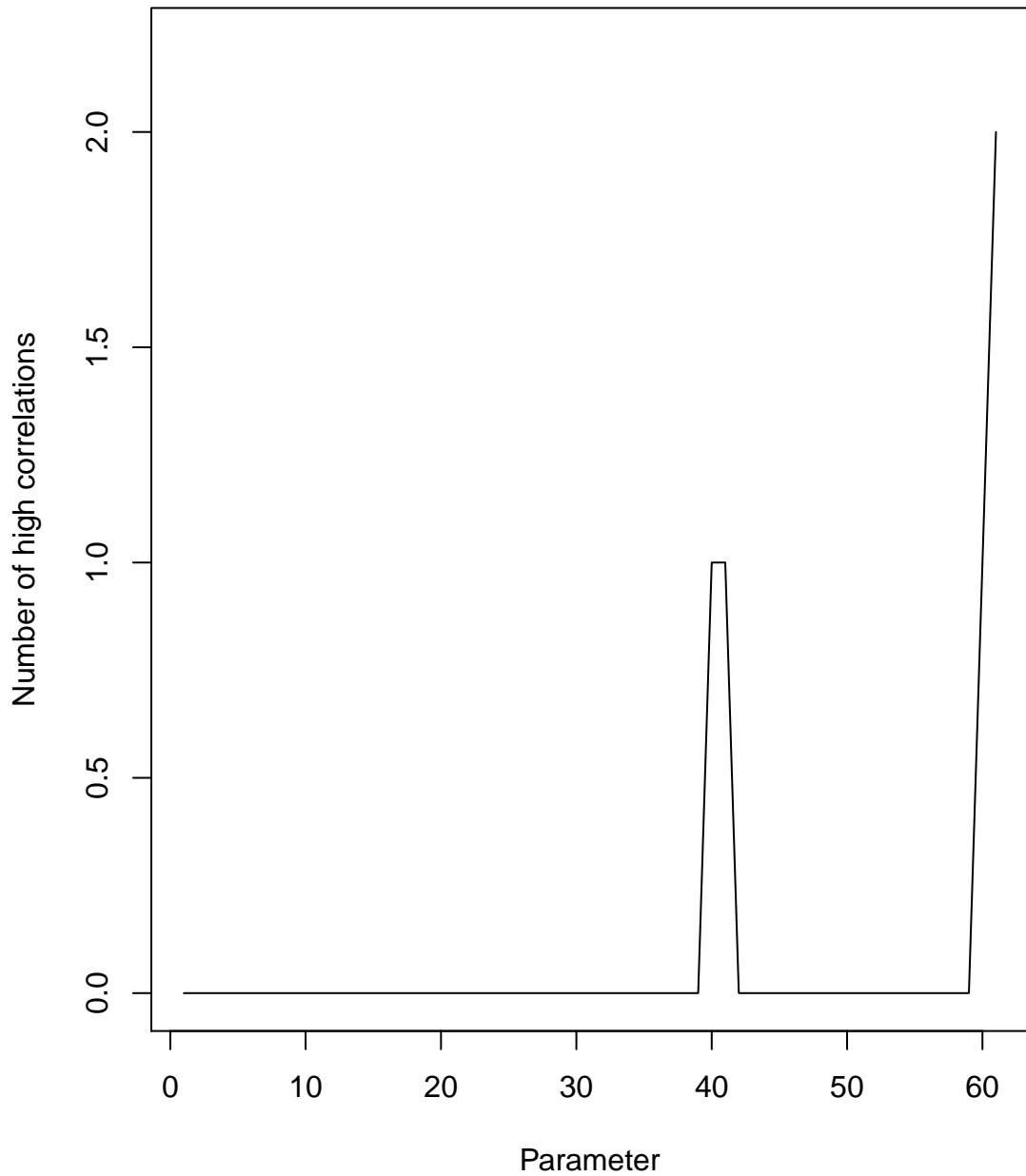
Maximum gradient = 0.003728

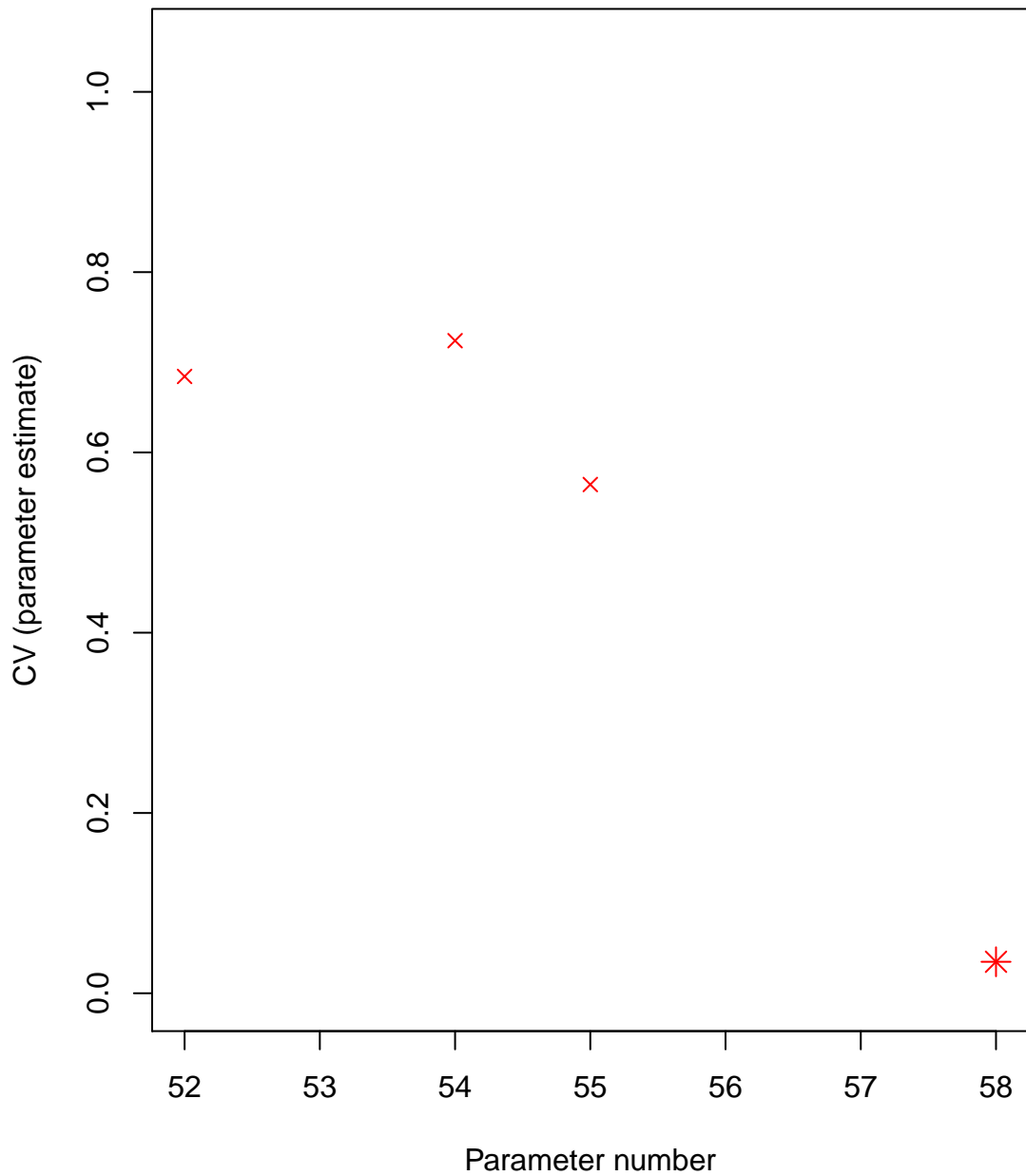


Likelihood Contribution

Model: asap3

Tuesday, 02 Mar 2021 at 16:12:56

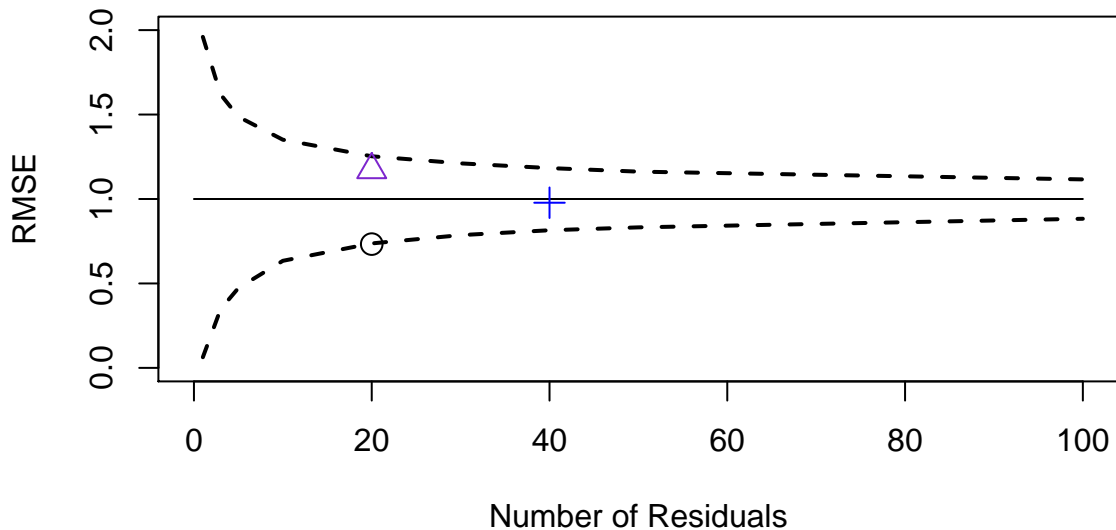




Root Mean Square Error computed from Standardized Residuals

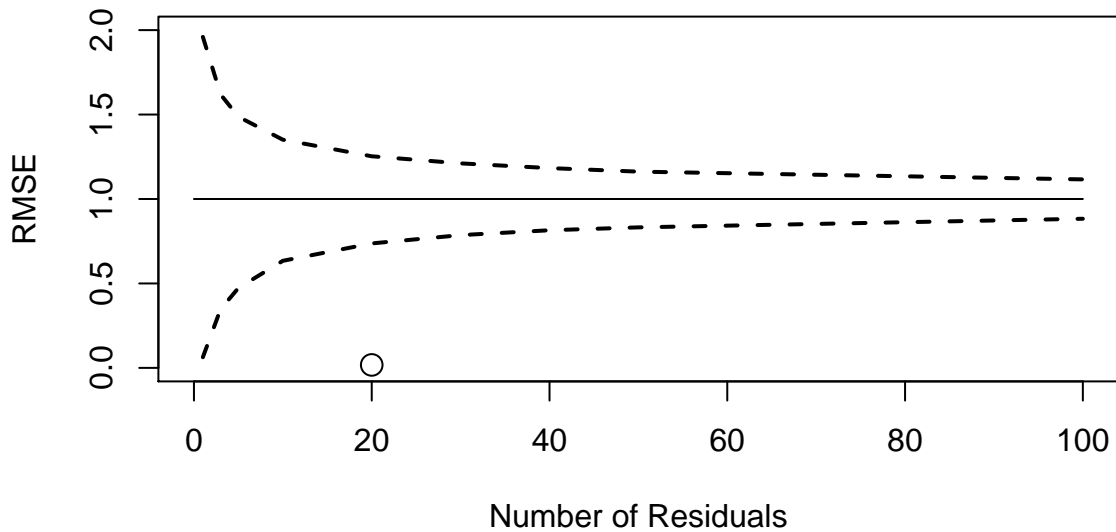
Component	# resids	RMSE
catch.tot	20	0.0175
discard.tot	0	0
ind01	20	0.733
ind02	20	1.17
ind.total	40	0.978
N.year1	0	0
Fmult.year1	0	0
Fmult.devs.total	0	0
recruit.devs	20	1.1
fleet.sel.params	0	0
index.sel.params	0	0
q.year1	0	0
q.devs	0	0
SR.steepness	0	0
SR.scaler	0	0

Root Mean Square Error for Indices



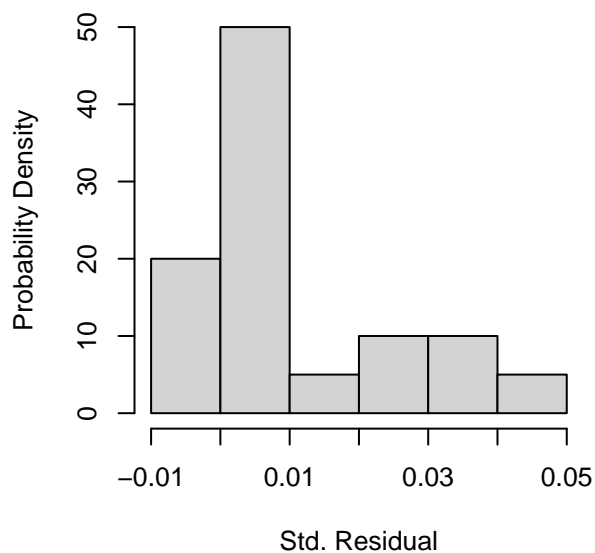
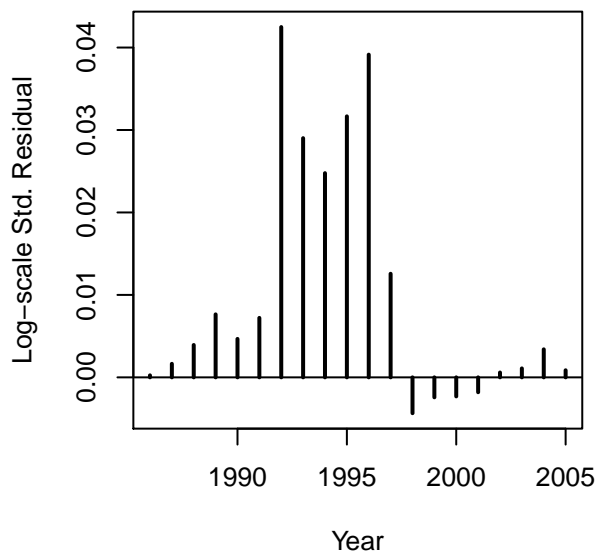
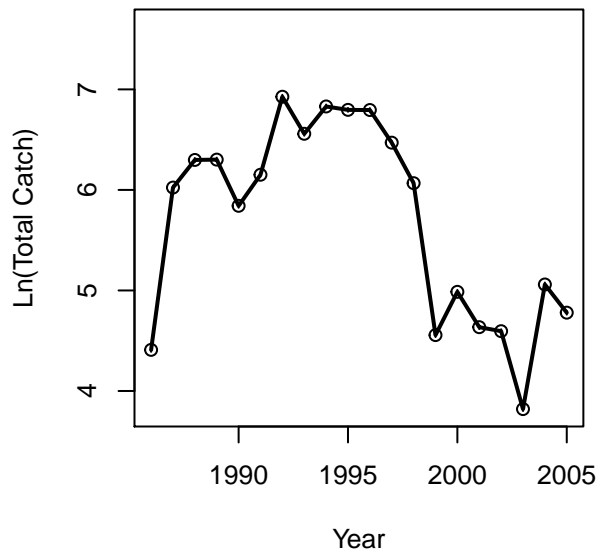
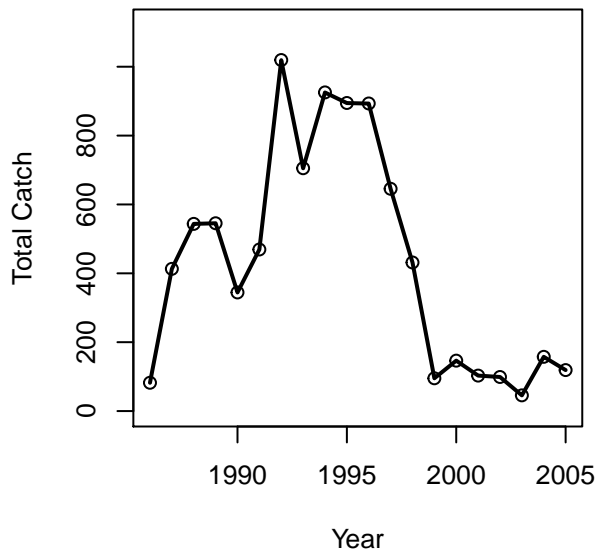
+ ind total
△ INDEX-2
○ INDEX-1

Root Mean Square Error for Catch



○ catch.tot

Fleet 1 Catch (FLEET-1)

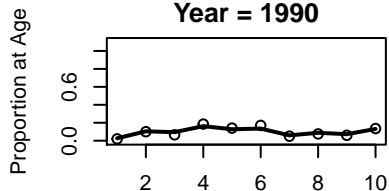


Catch

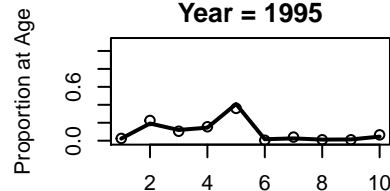
Fleet 1
FLEET-1



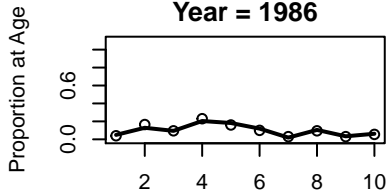
Year = 1990



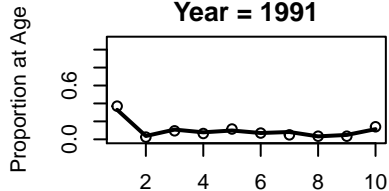
Year = 1995



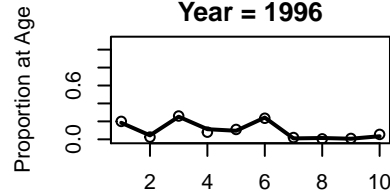
Year = 1986



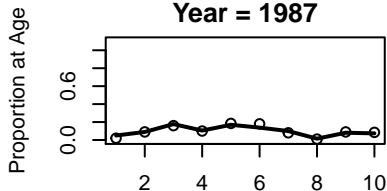
Year = 1991



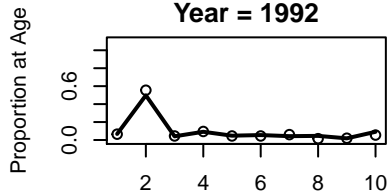
Year = 1996



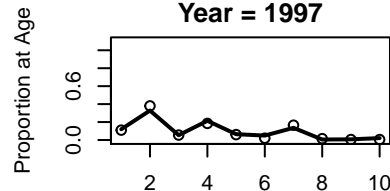
Year = 1987



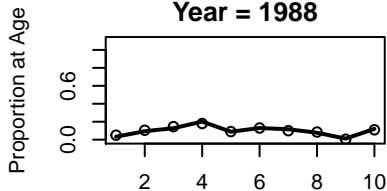
Year = 1992



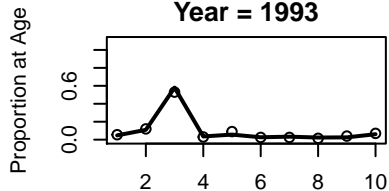
Year = 1997



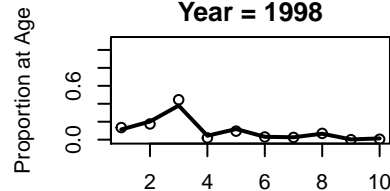
Year = 1988



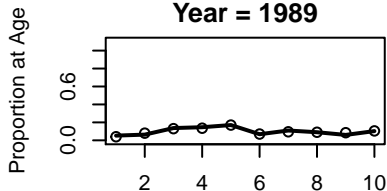
Year = 1993



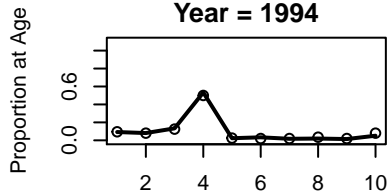
Year = 1998



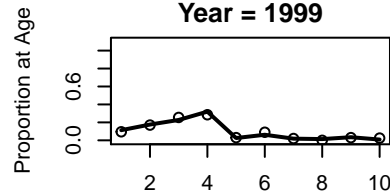
Year = 1989



Year = 1994

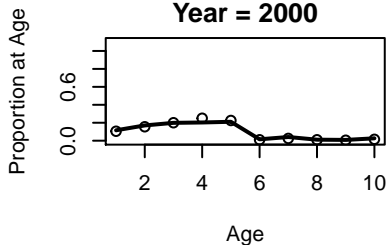


Year = 1999

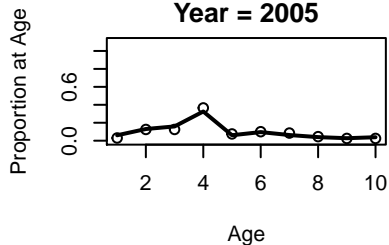


Catch

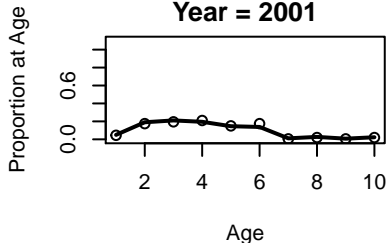
Year = 2000



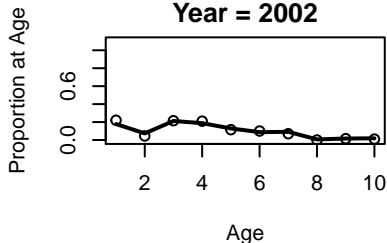
Year = 2005



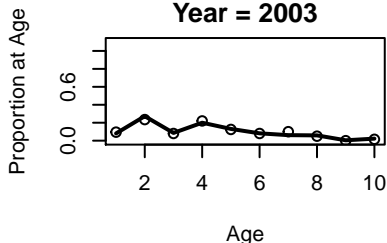
Year = 2001



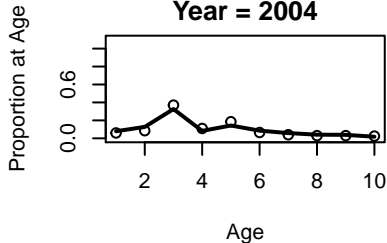
Year = 2002



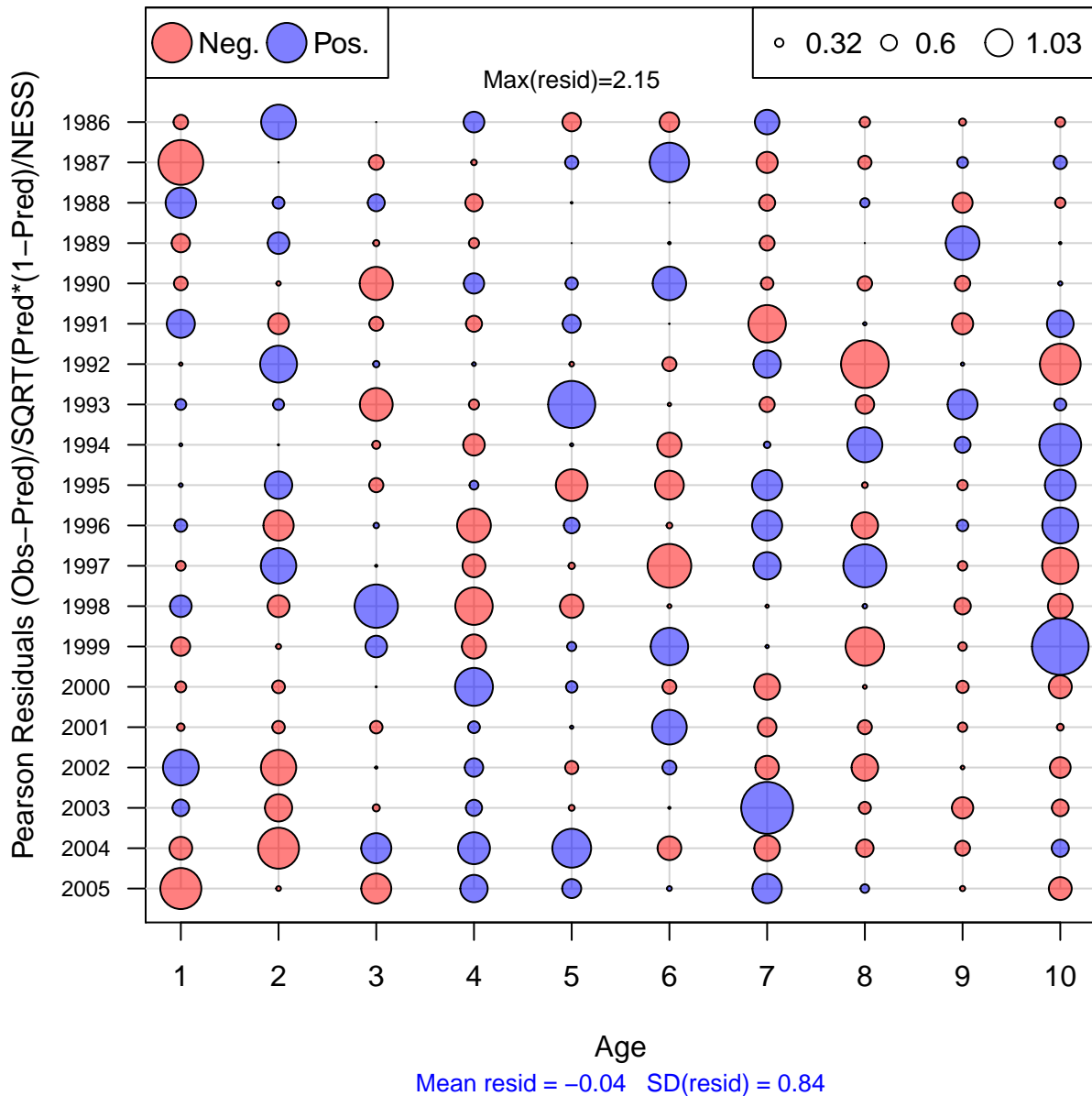
Year = 2003



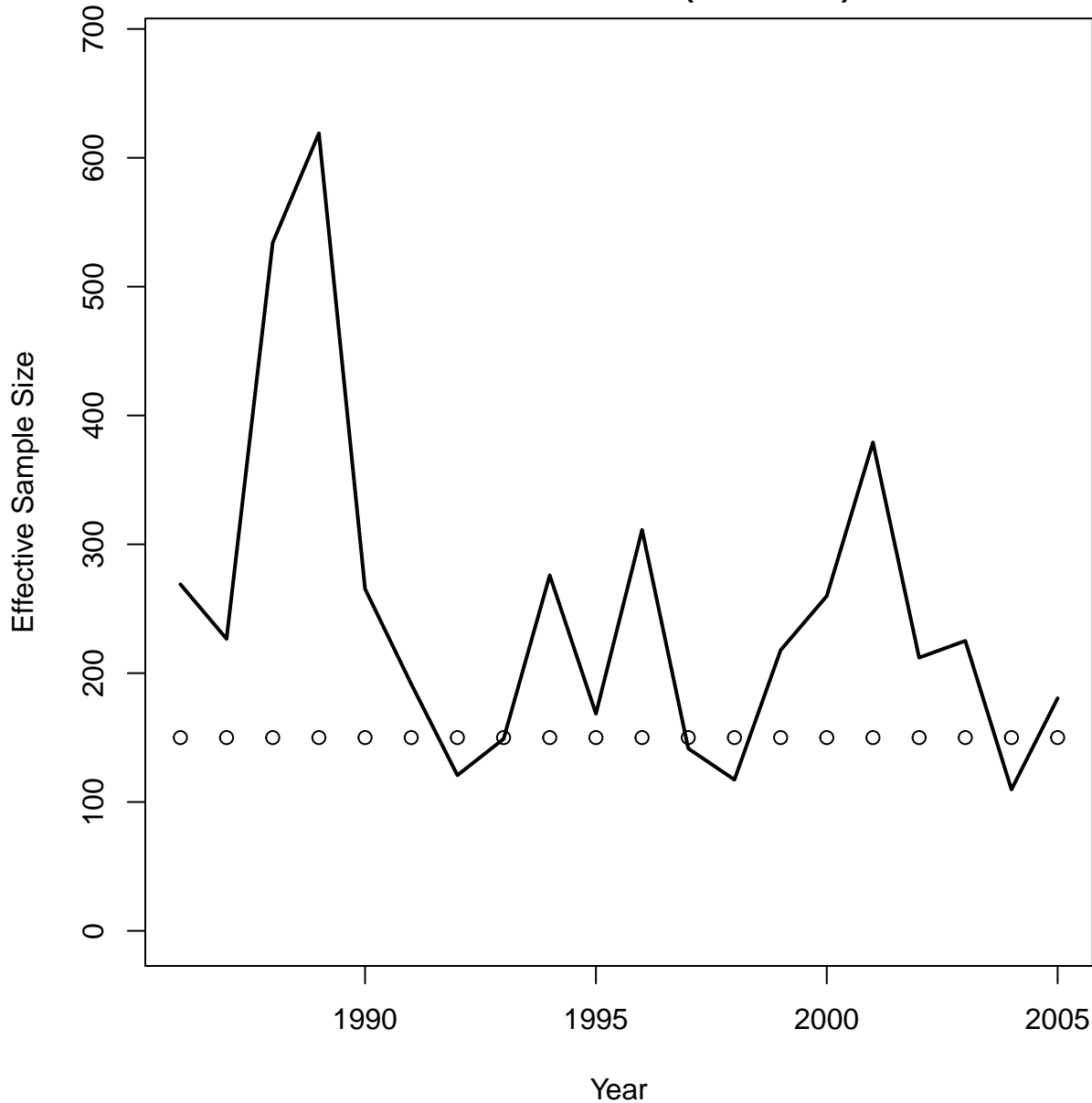
Year = 2004



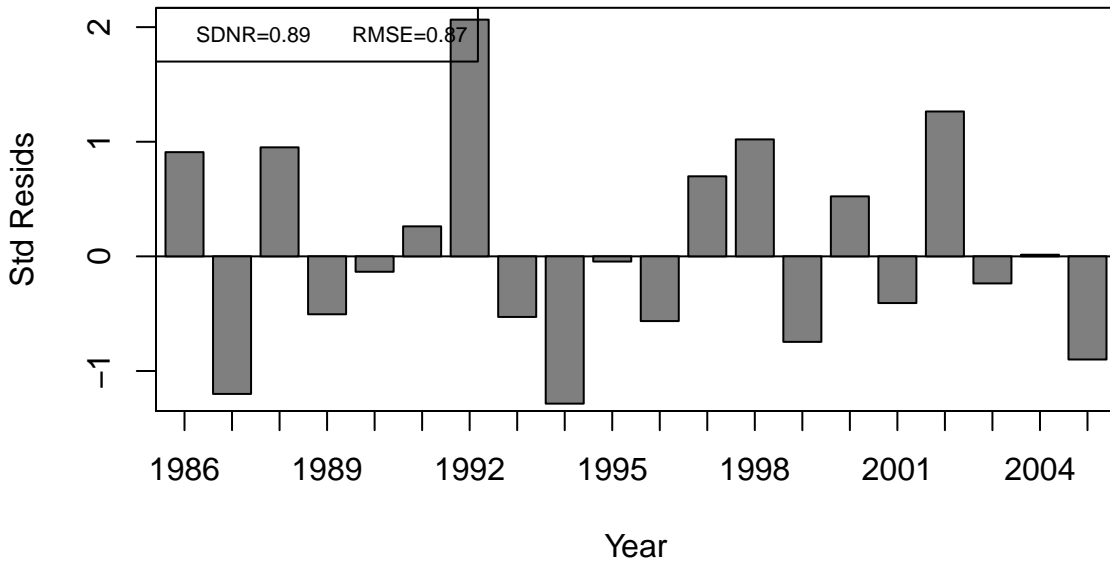
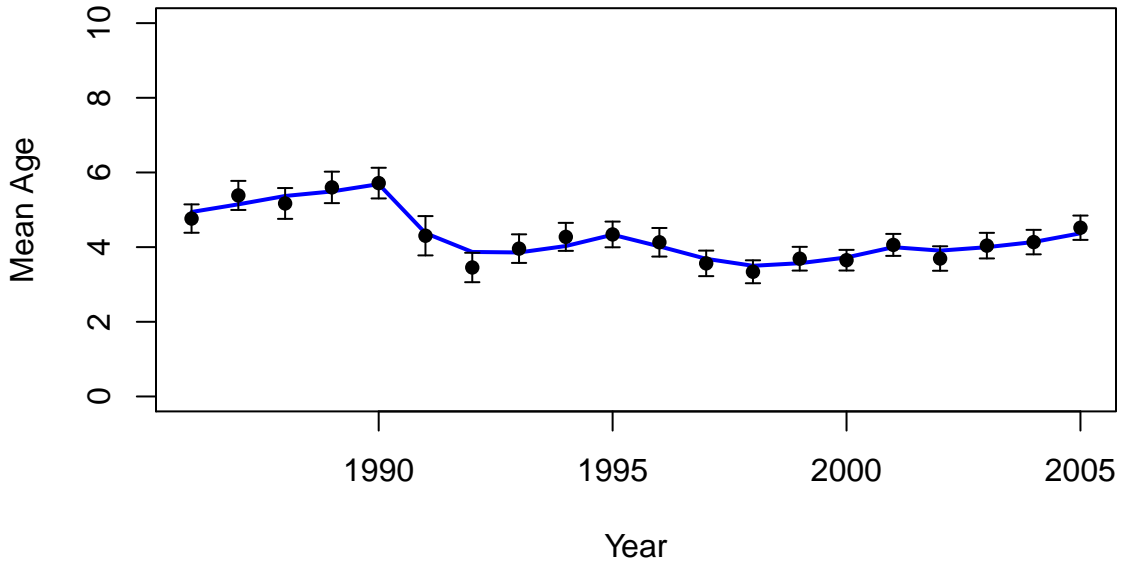
Age Comp Residuals for Catch by Fleet 1 (FLEET-1)



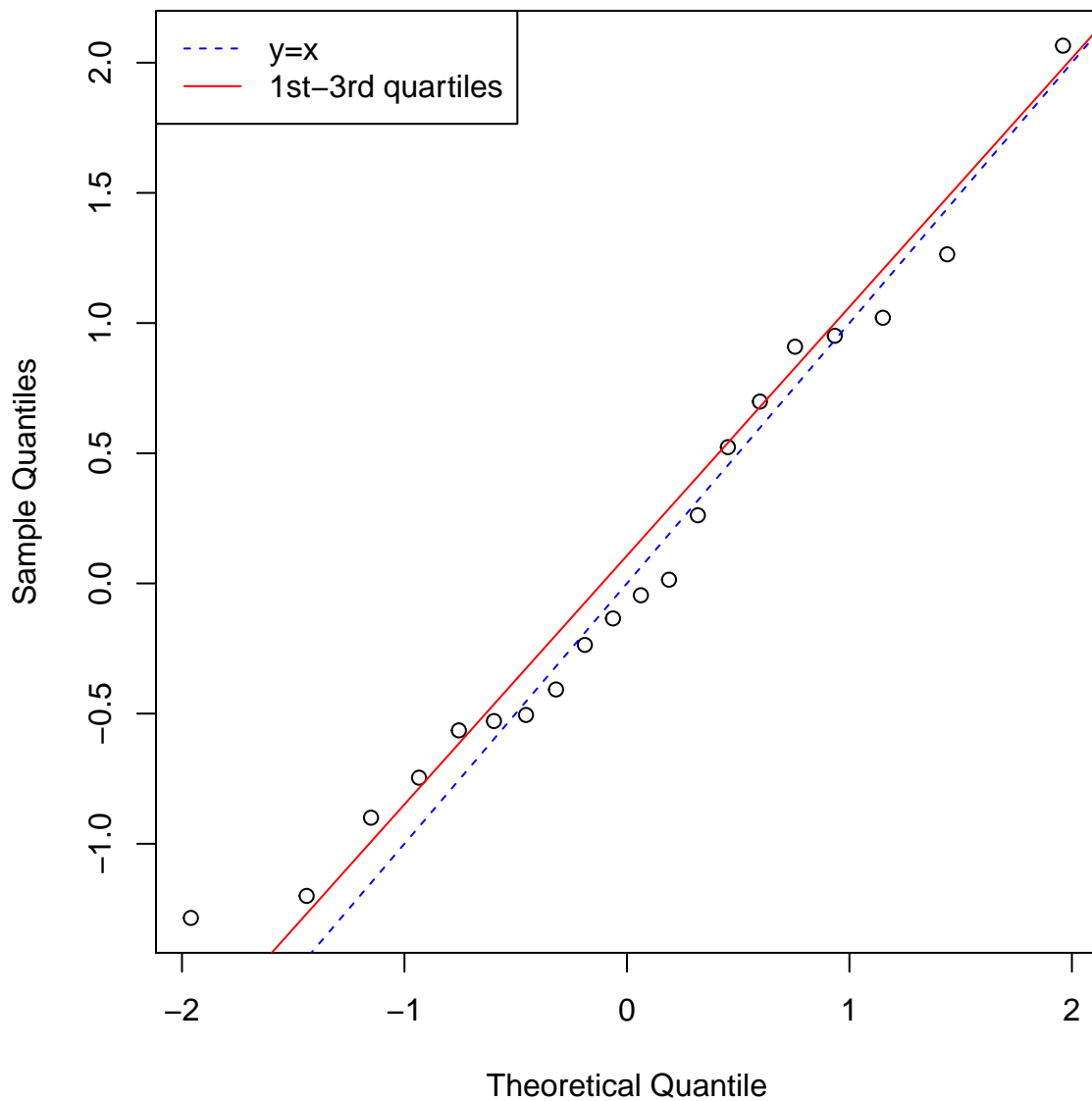
Catch Neff Fleet 1 (FLEET-1)



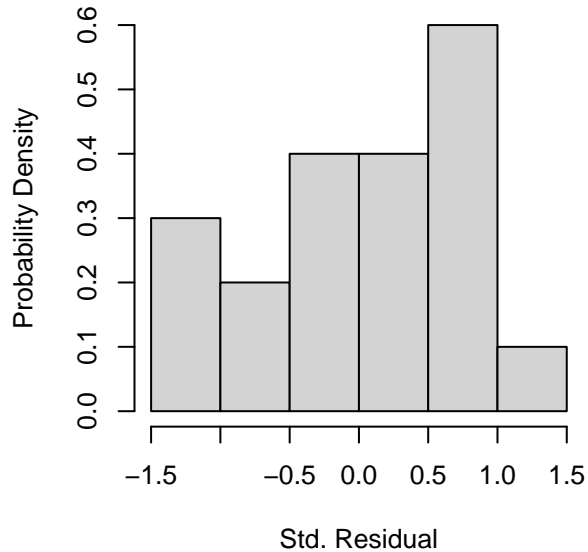
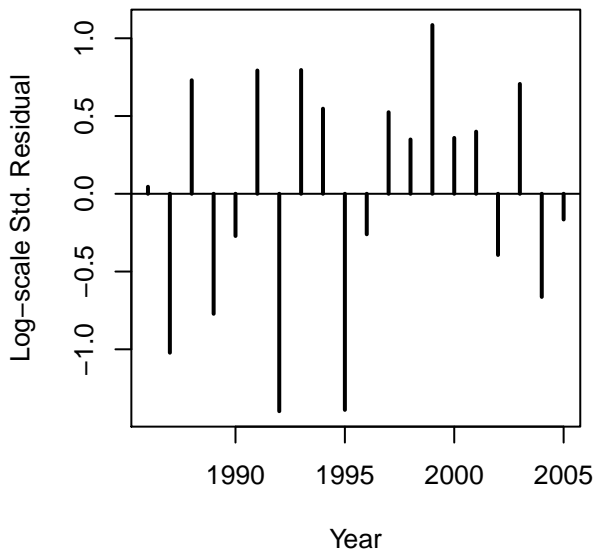
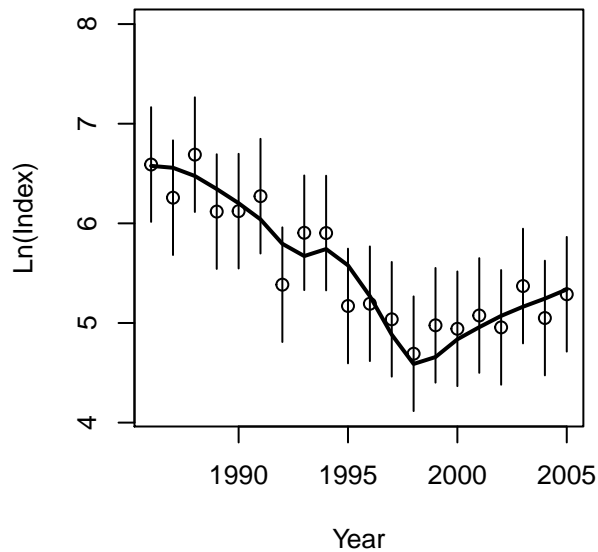
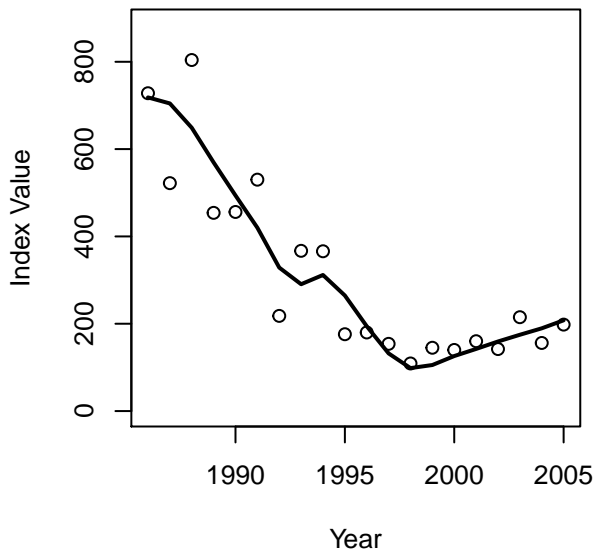
Catch Fleet 1 (FLEET-1) ESS = 150



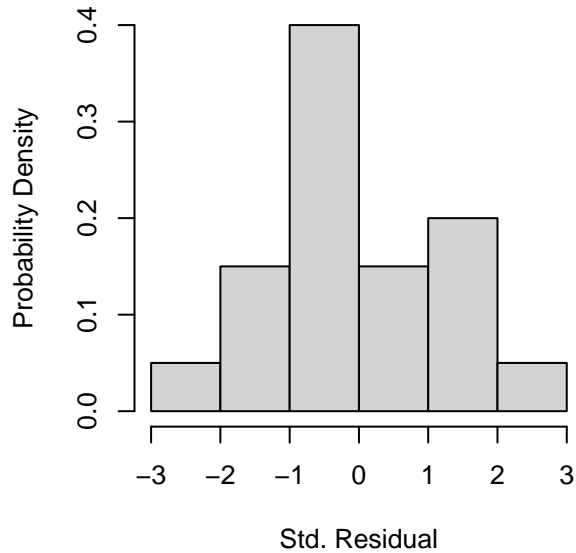
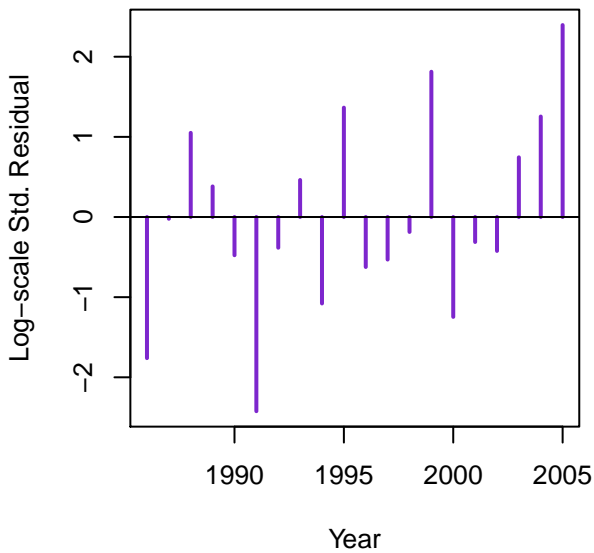
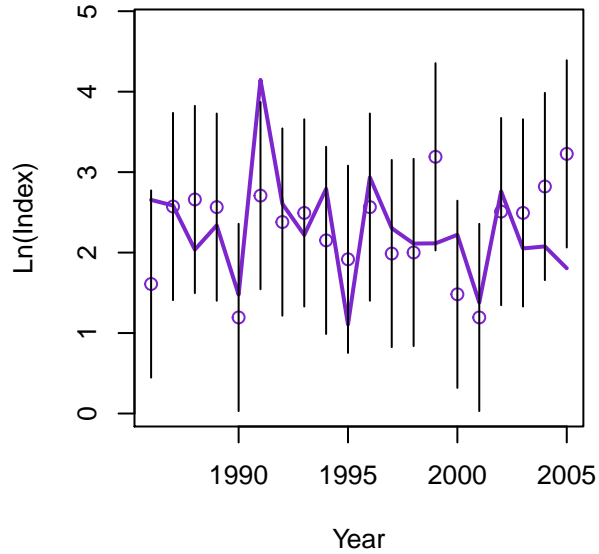
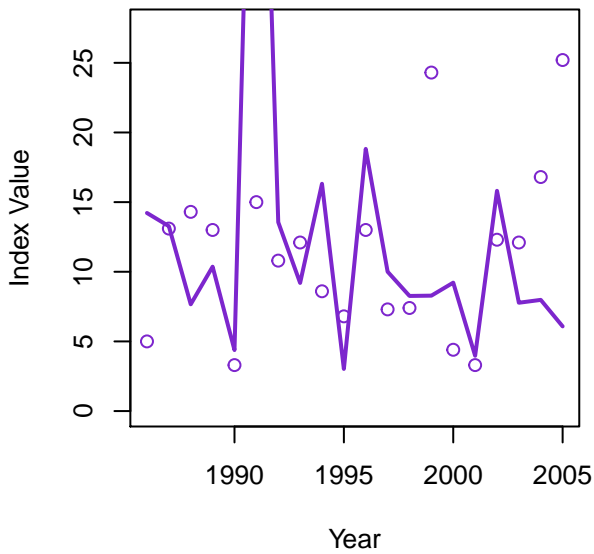
Catch Fleet 1 (FLEET-1) ESS = 150



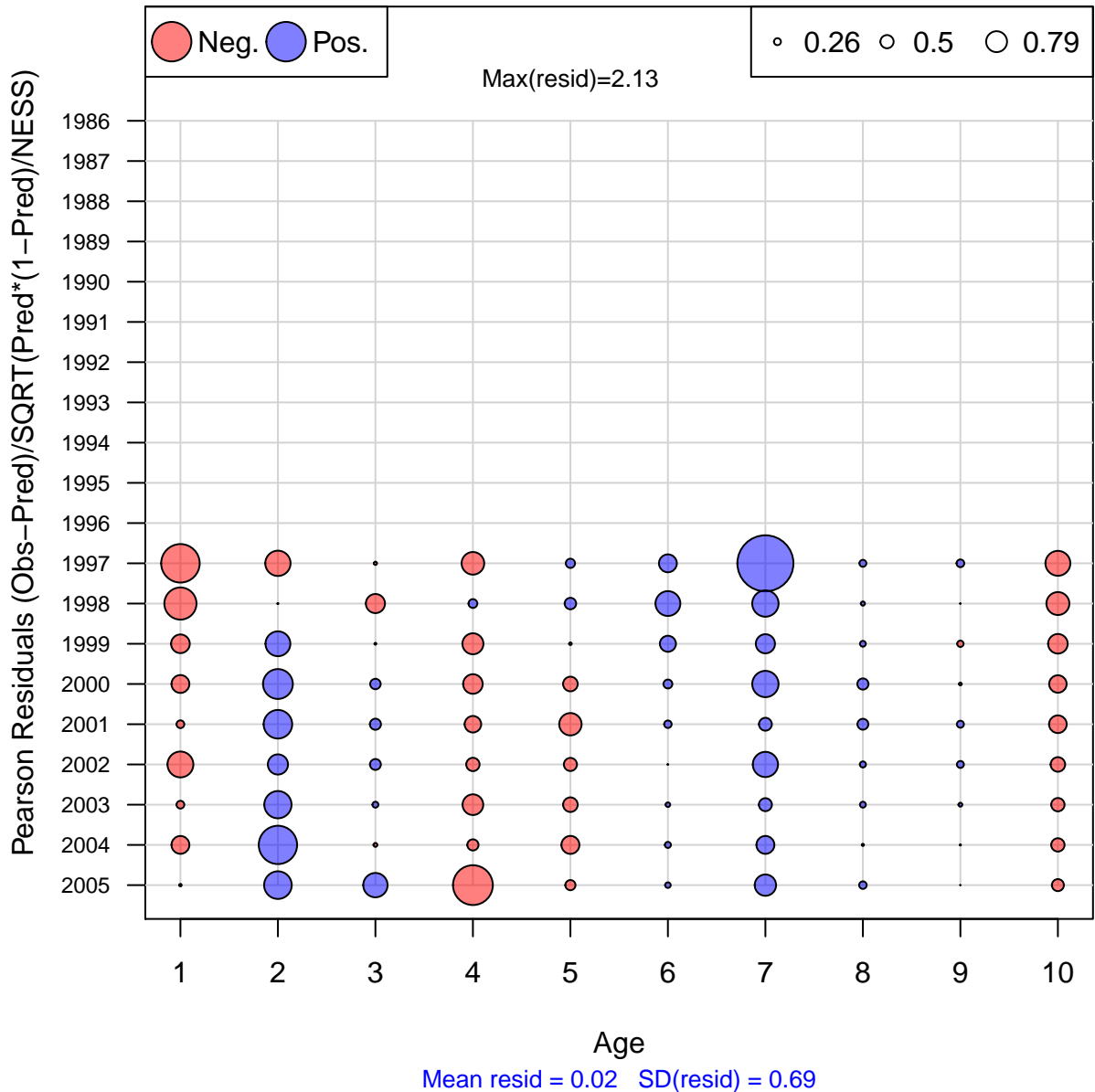
Index 1 (INDEX-1)



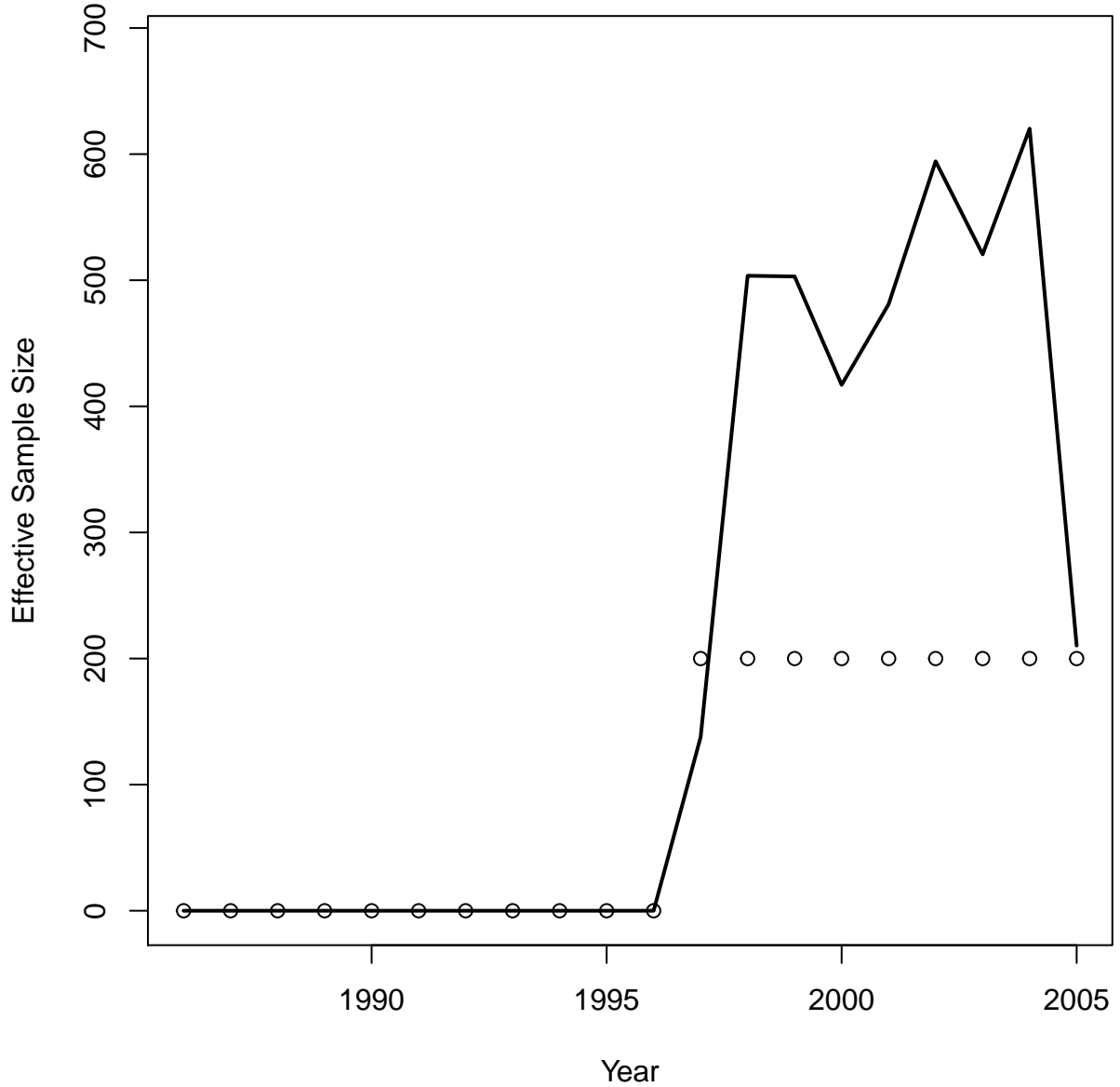
Index 2 (INDEX-2)



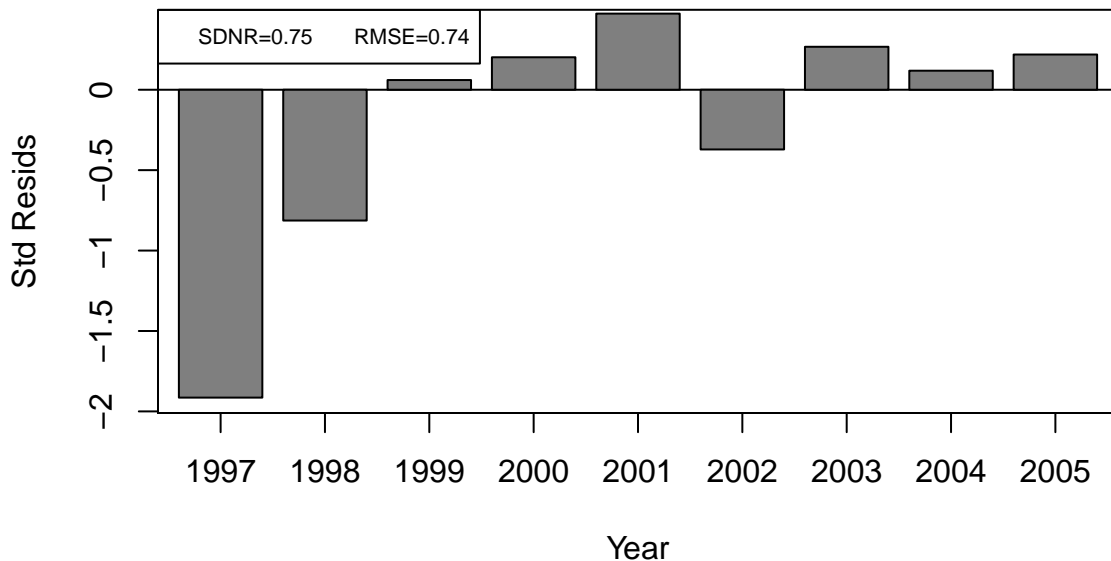
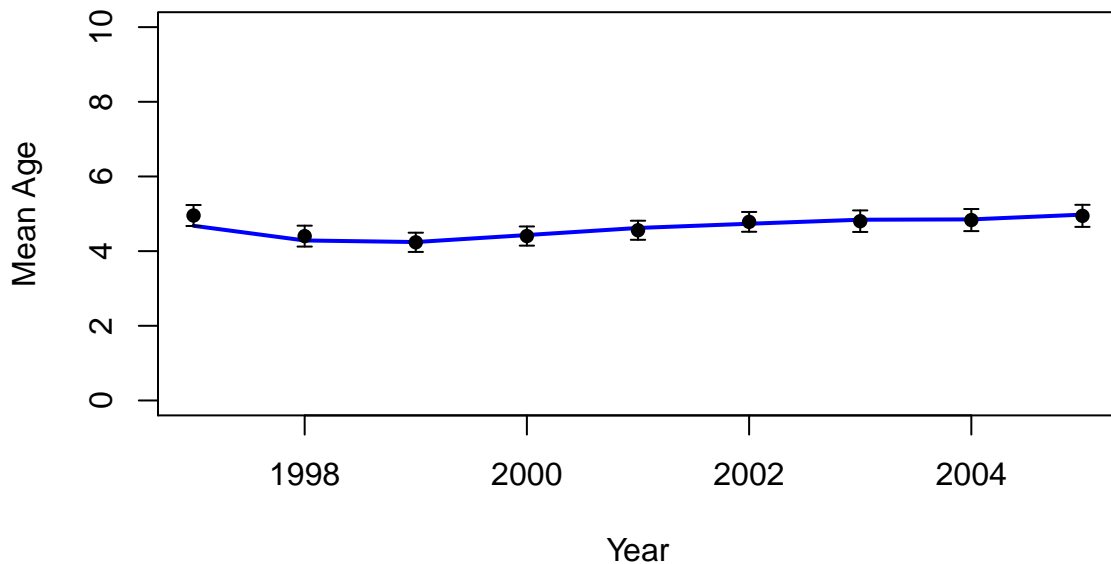
Age Comp Residuals for Index 1 (INDEX-1)



Index Neff 1 (INDEX-1)



Index 1 (INDEX-1) ESS = 200



Index 1 (INDEX-1) ESS = 200

