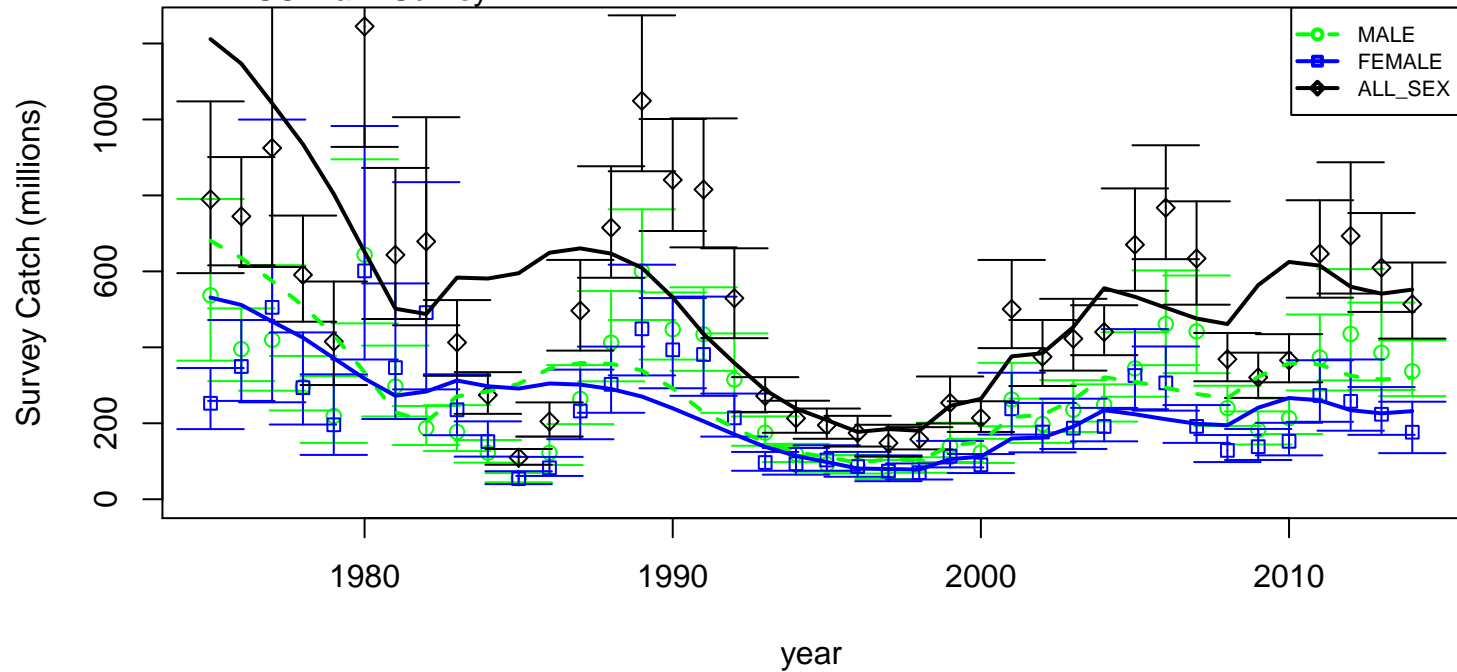
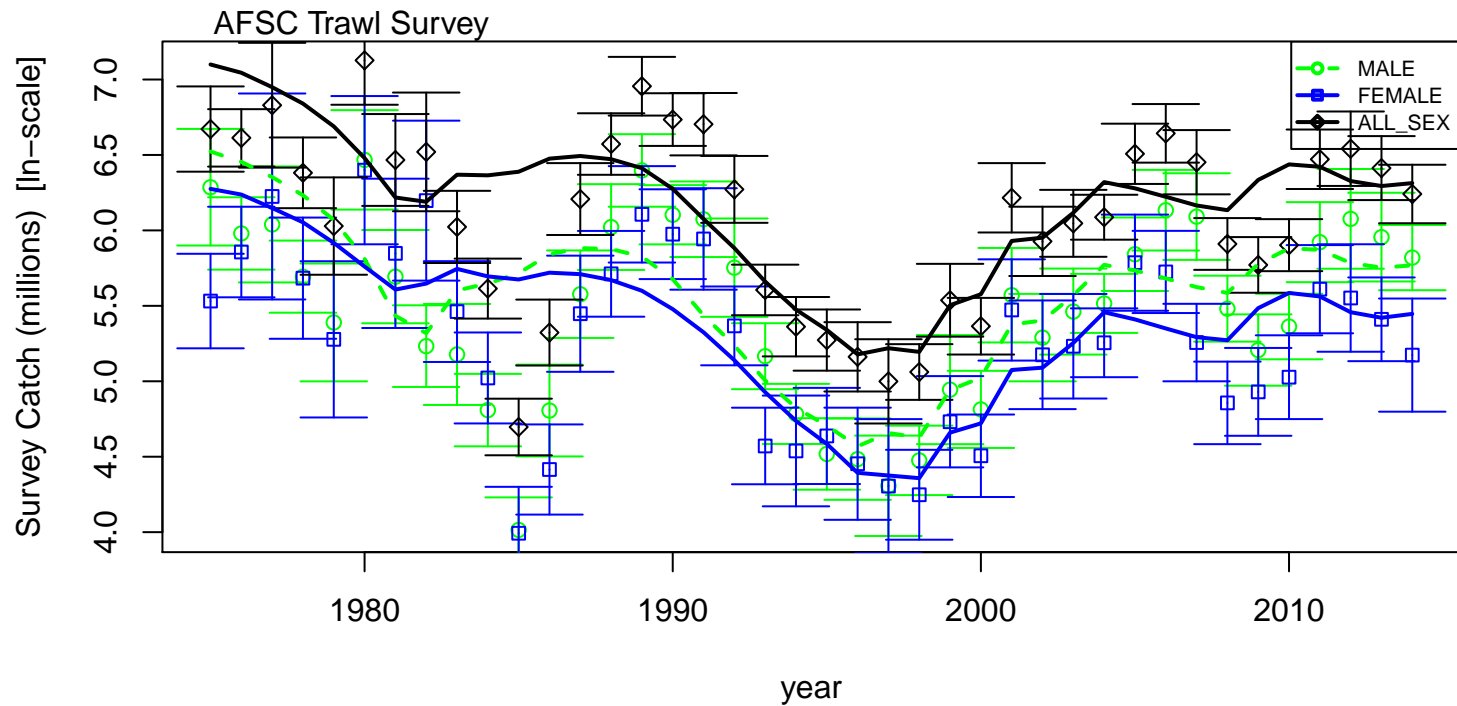
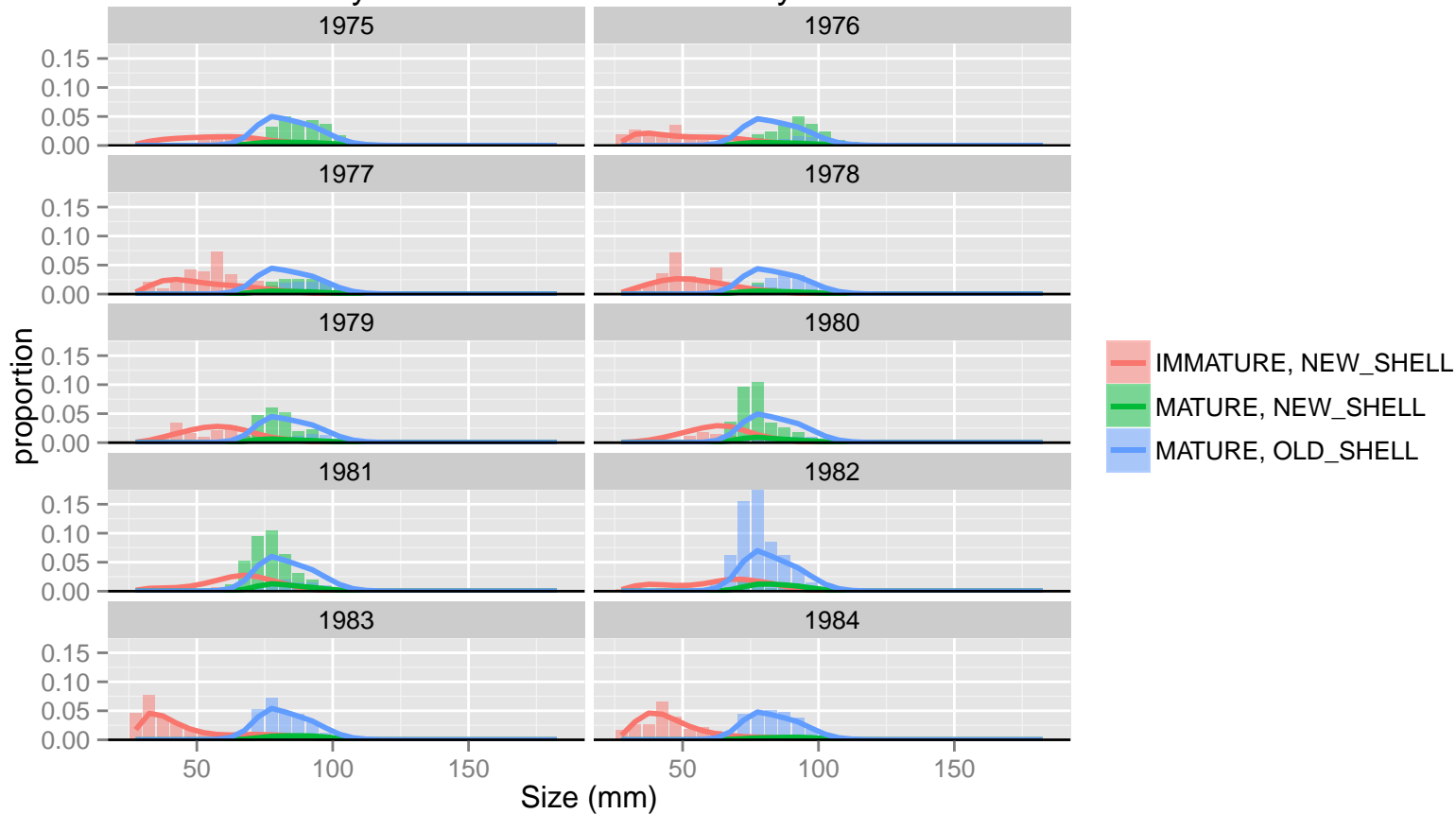


AFSC Trawl Survey

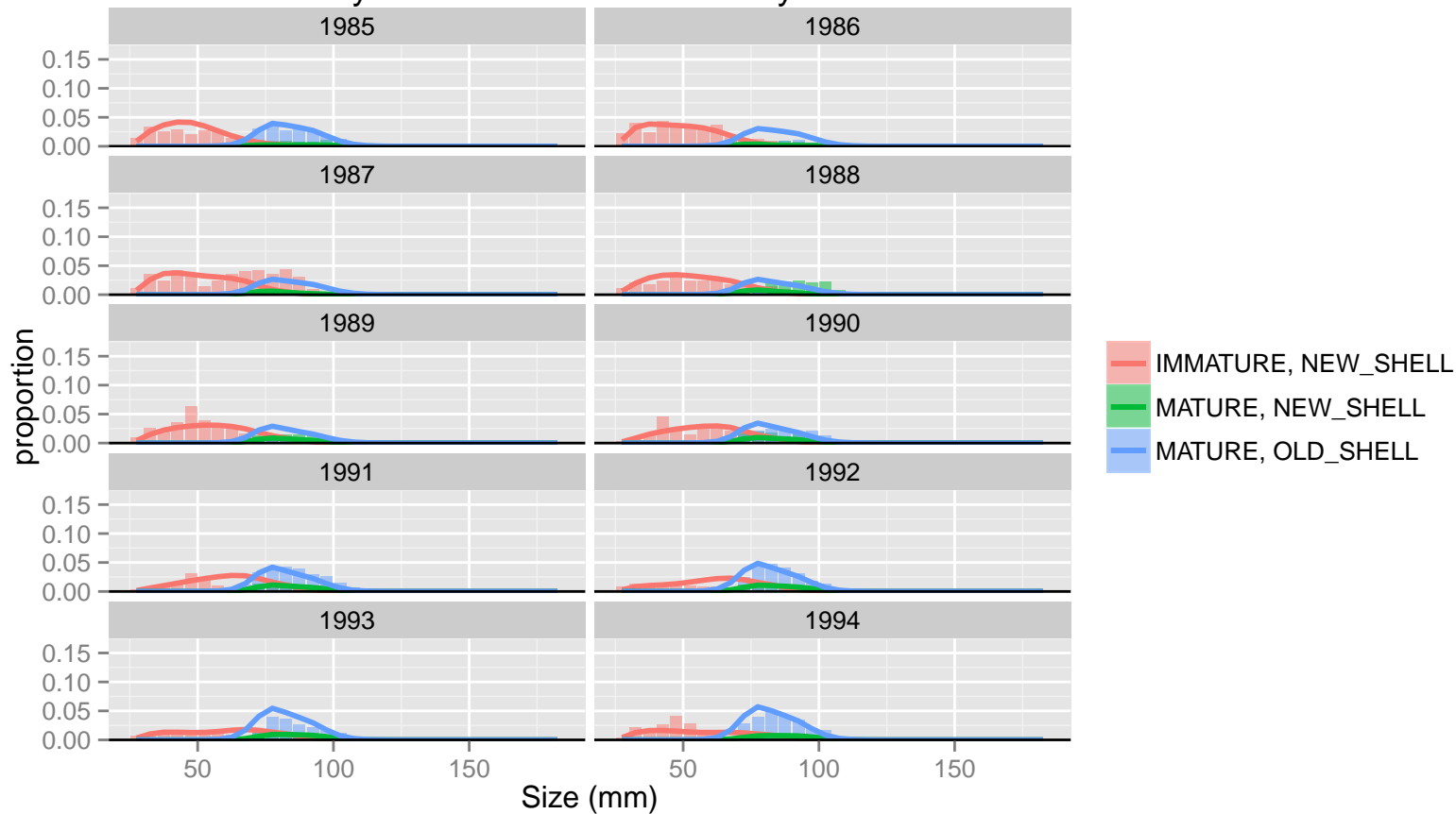




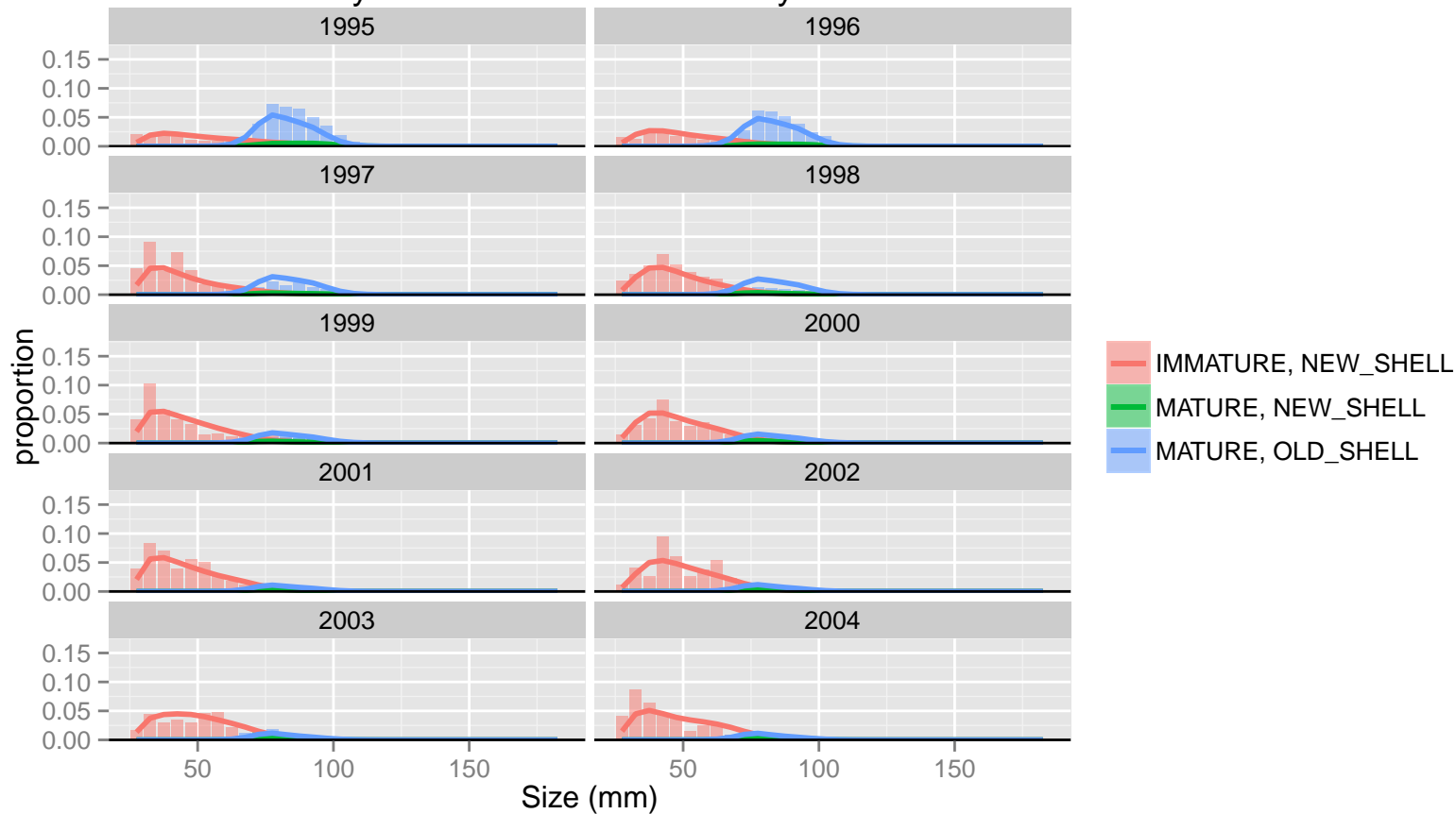
Survey Catch: AFSC Trawl Survey: female



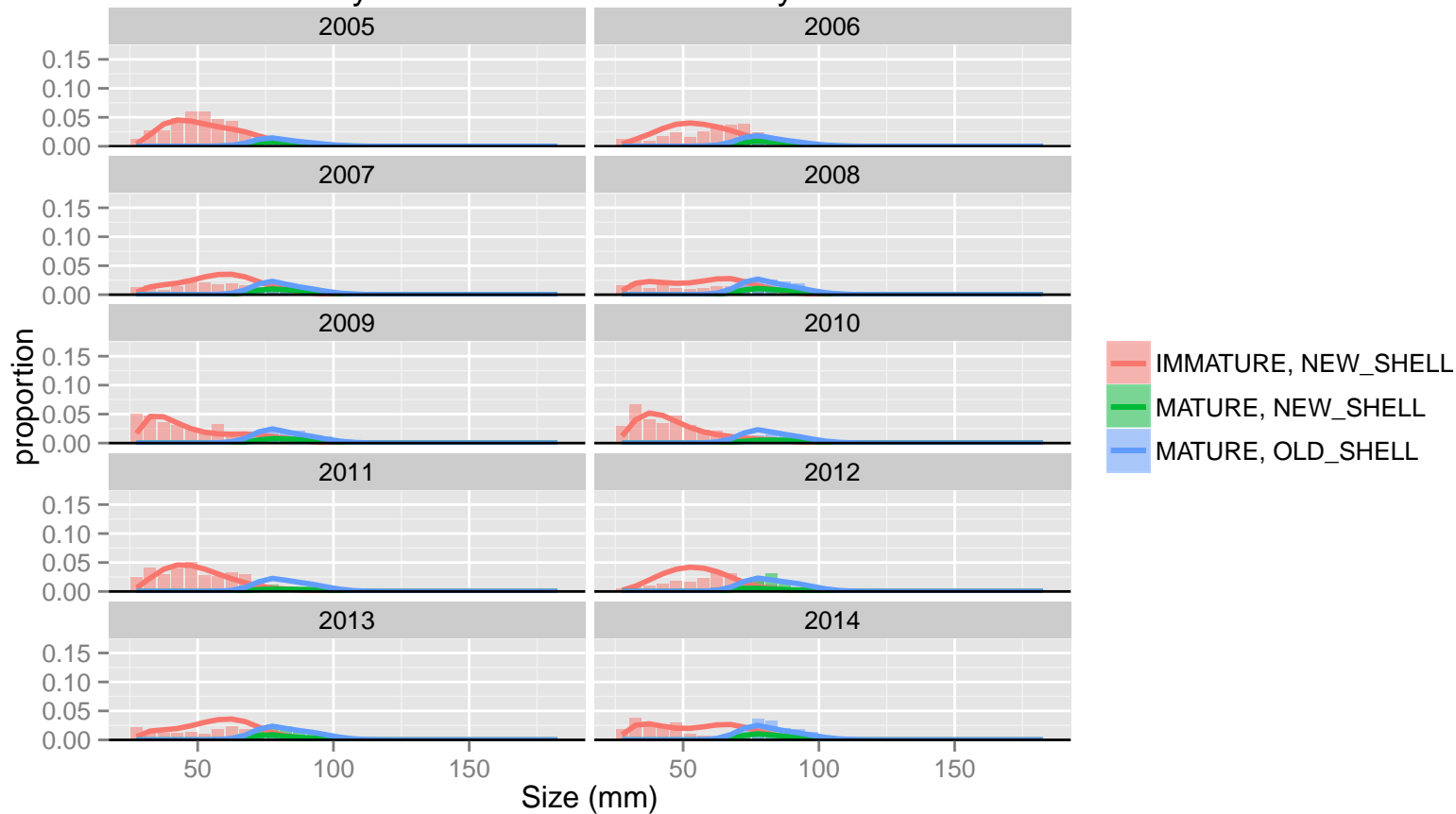
Survey Catch: AFSC Trawl Survey: female



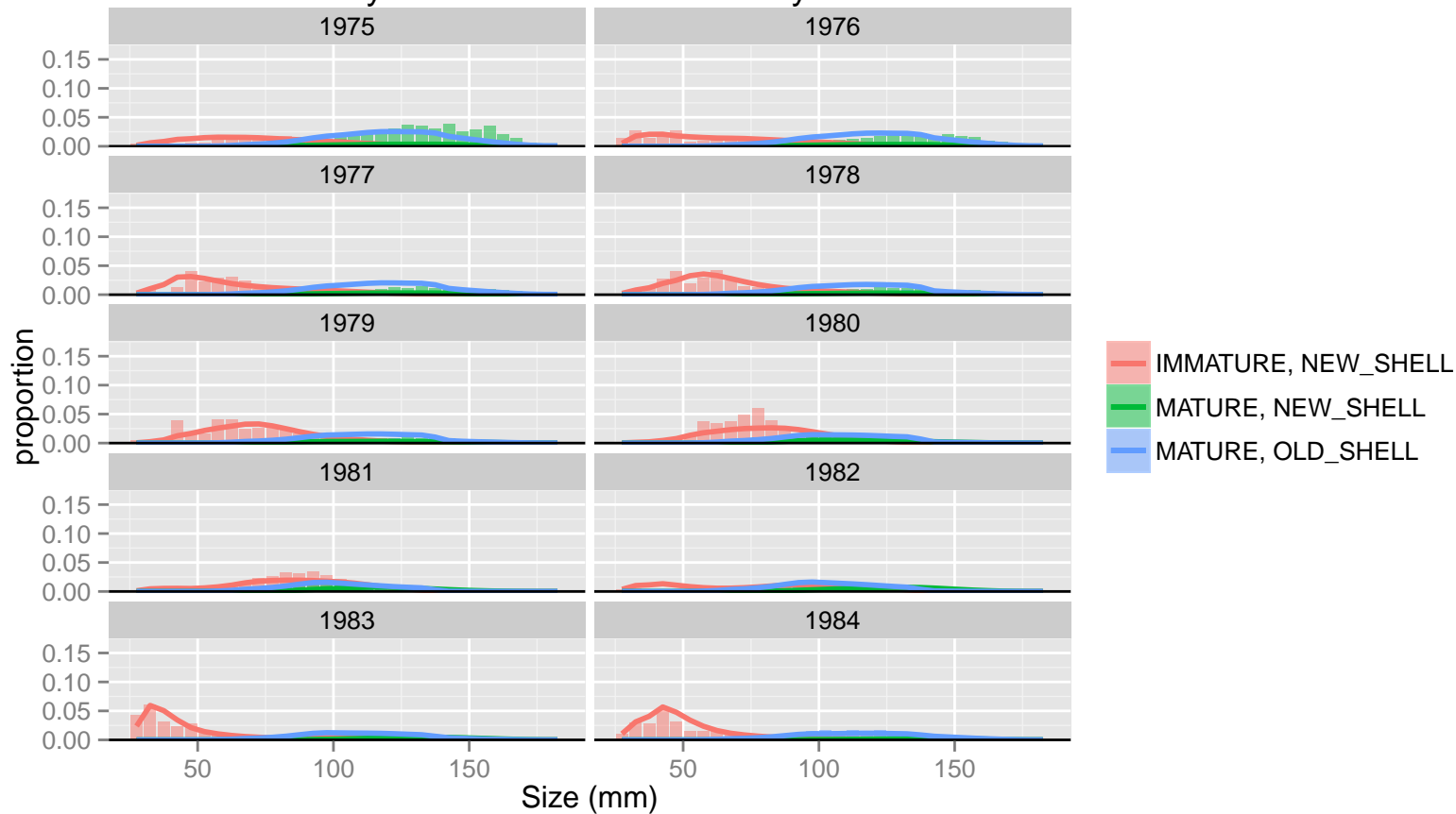
Survey Catch: AFSC Trawl Survey: female



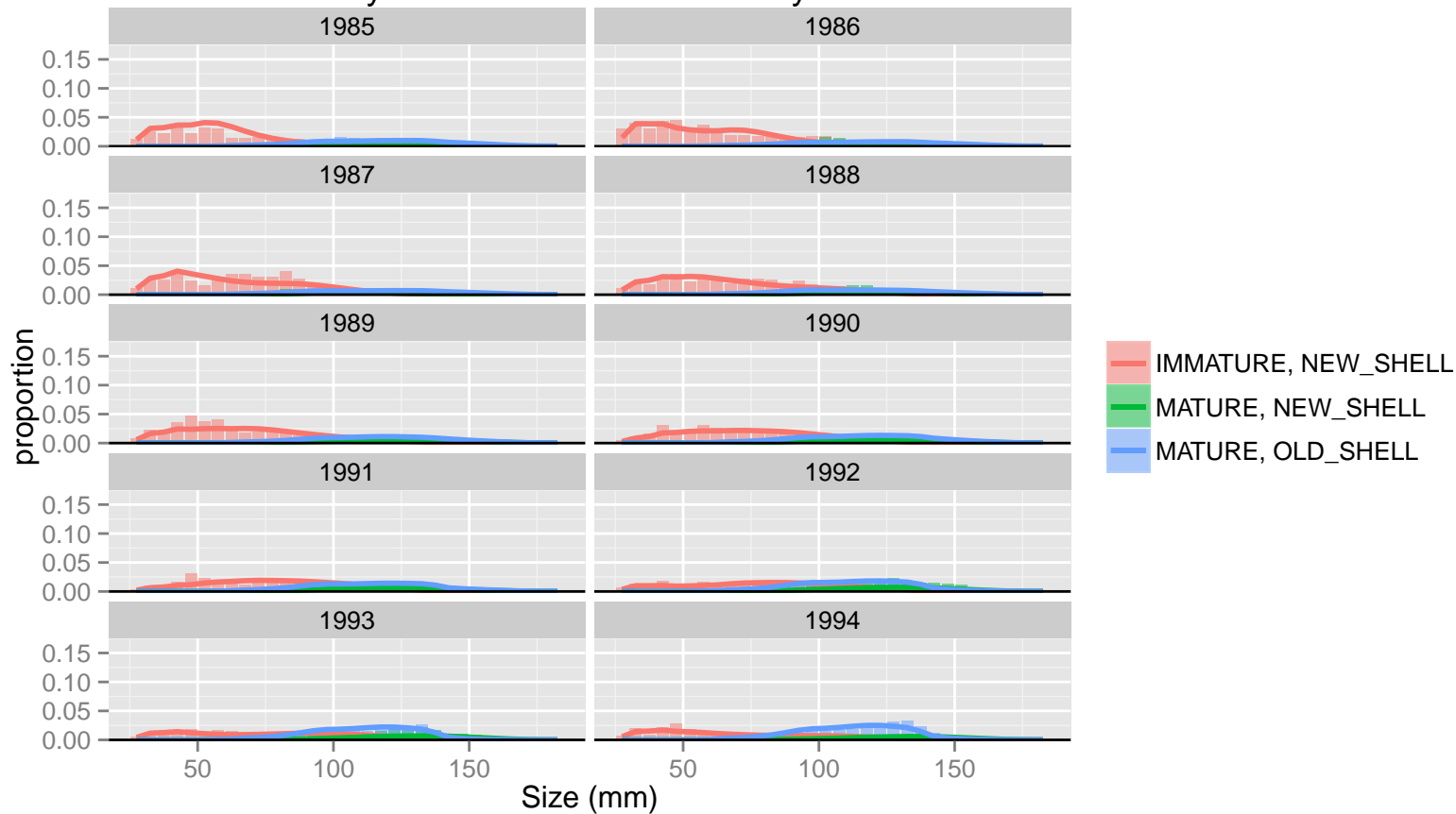
Survey Catch: AFSC Trawl Survey: female



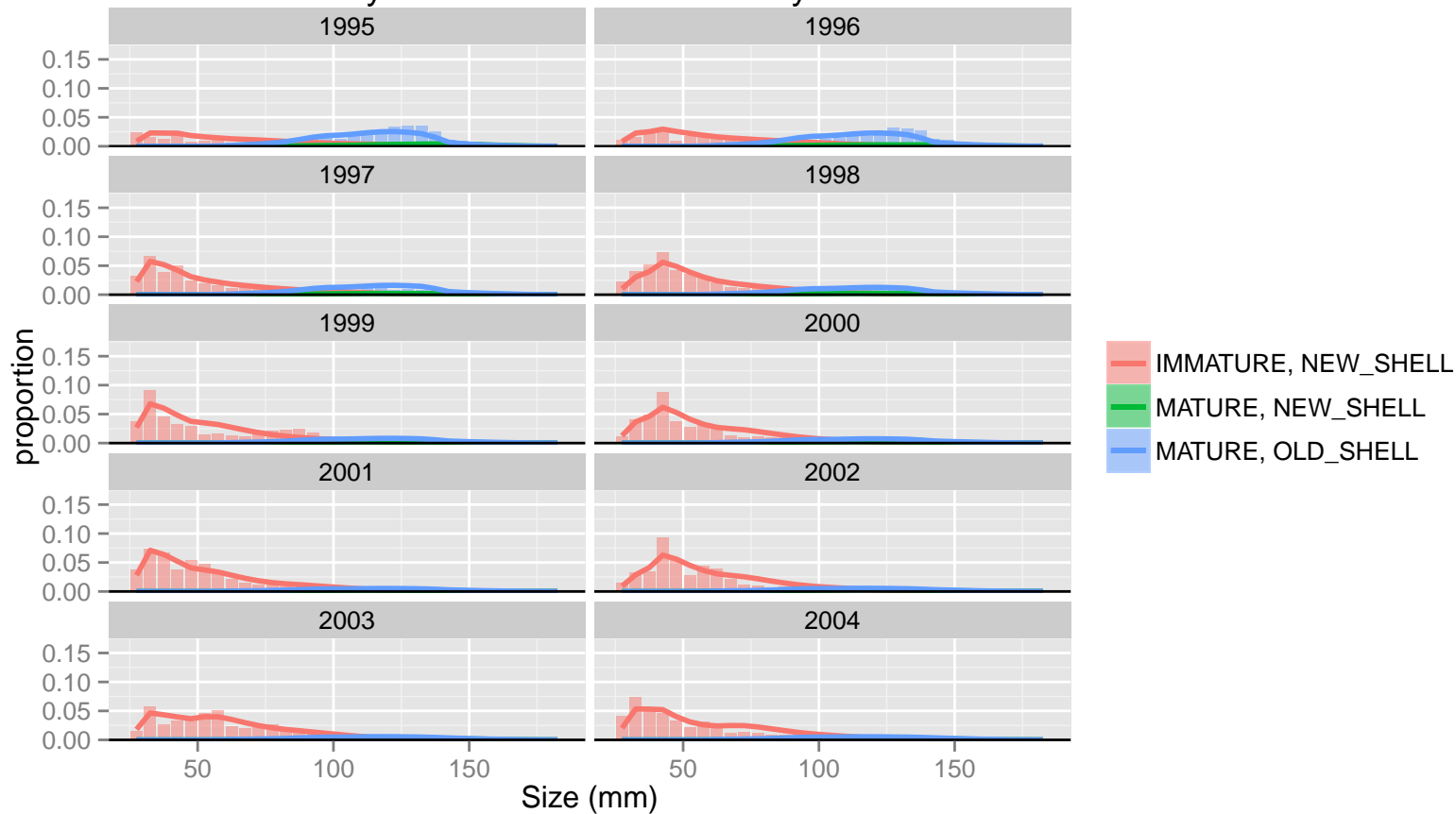
Survey Catch: AFSC Trawl Survey: male



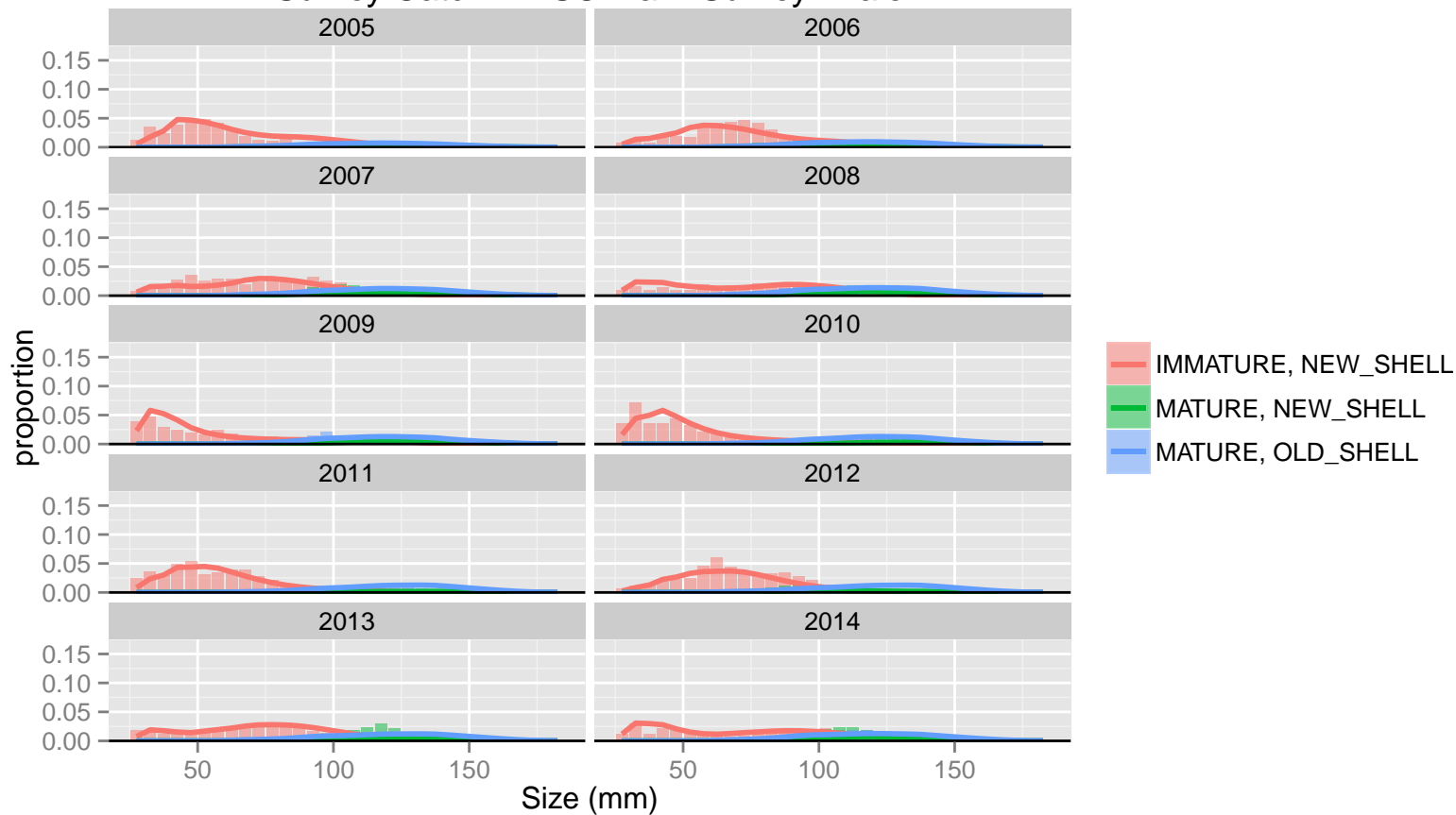
Survey Catch: AFSC Trawl Survey: male



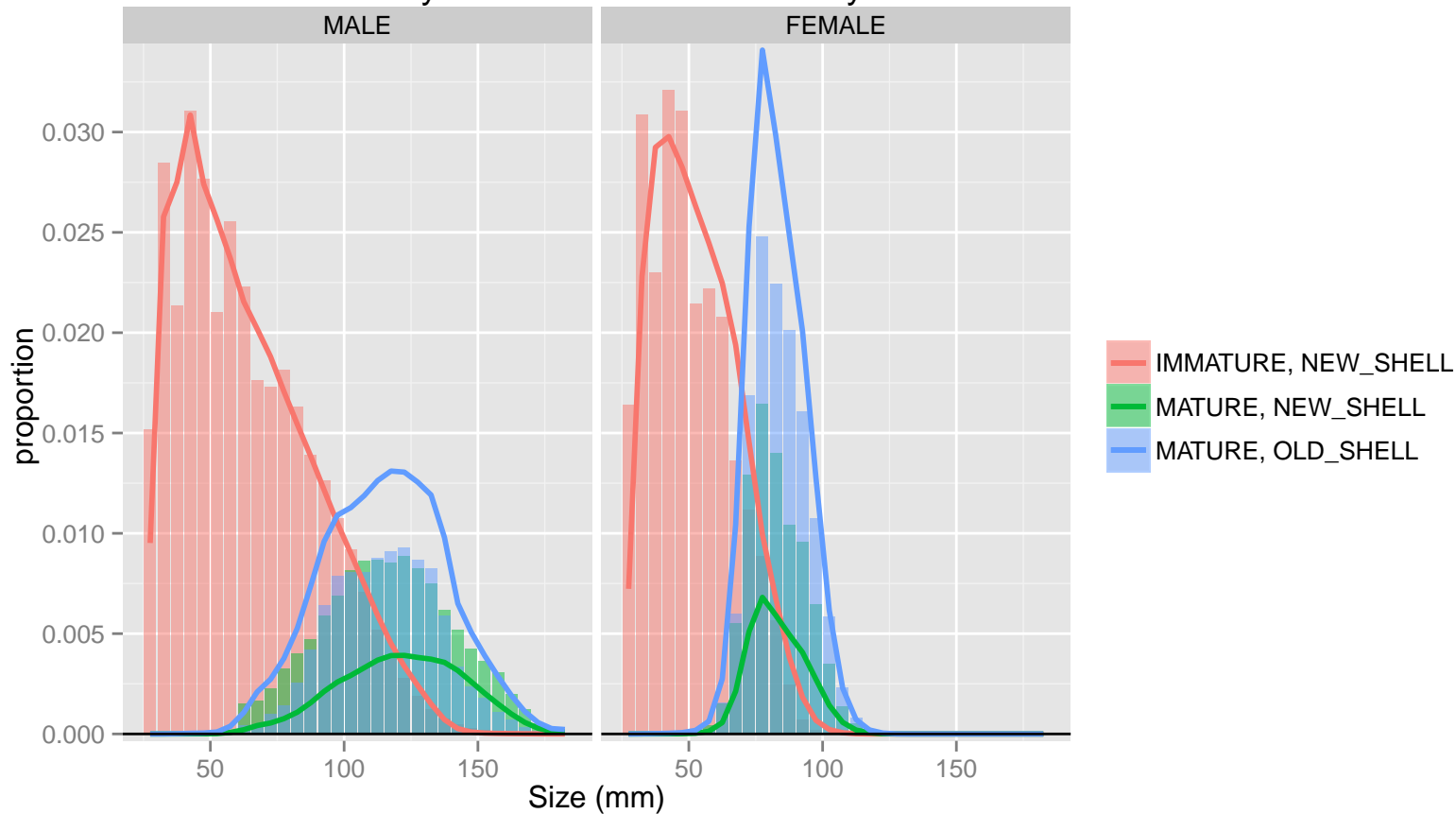
Survey Catch: AFSC Trawl Survey: male

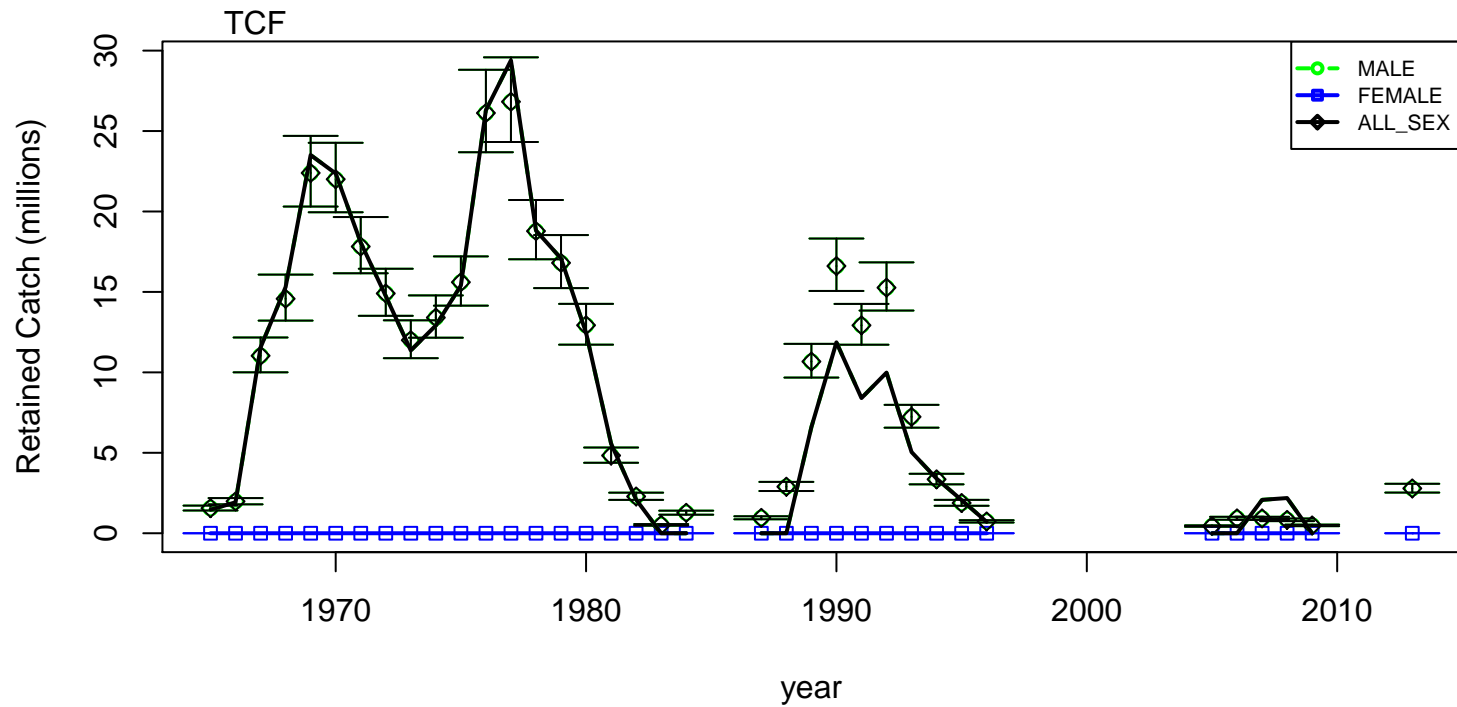


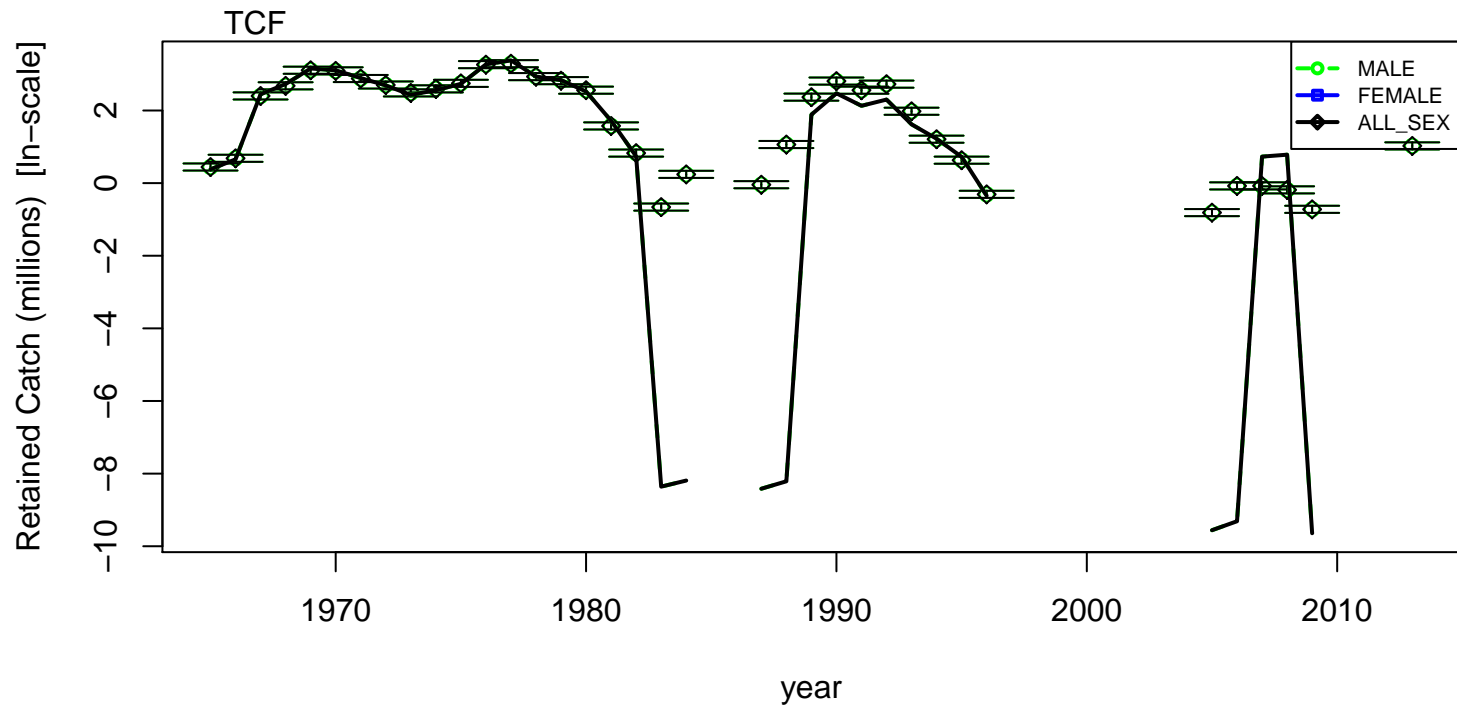
Survey Catch: AFSC Trawl Survey: male

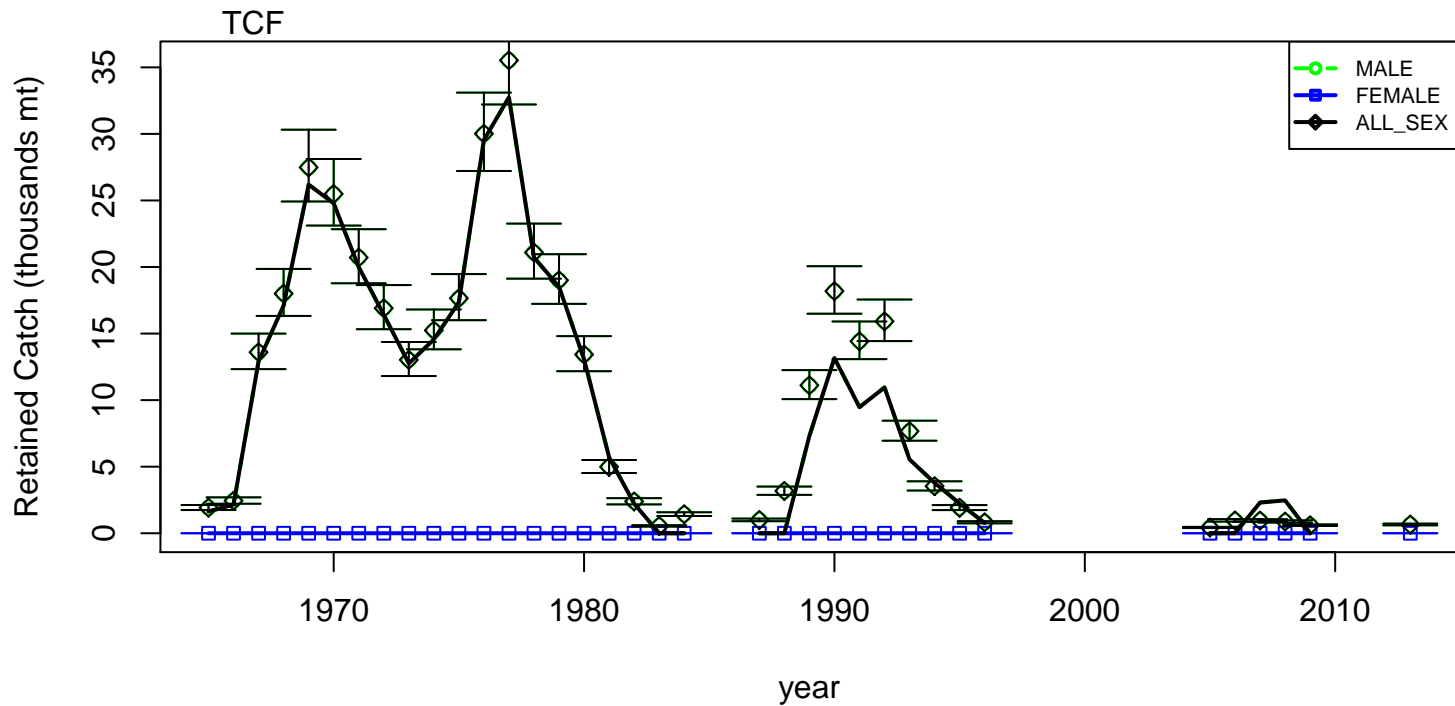


Survey Catch: AFSC Trawl Survey



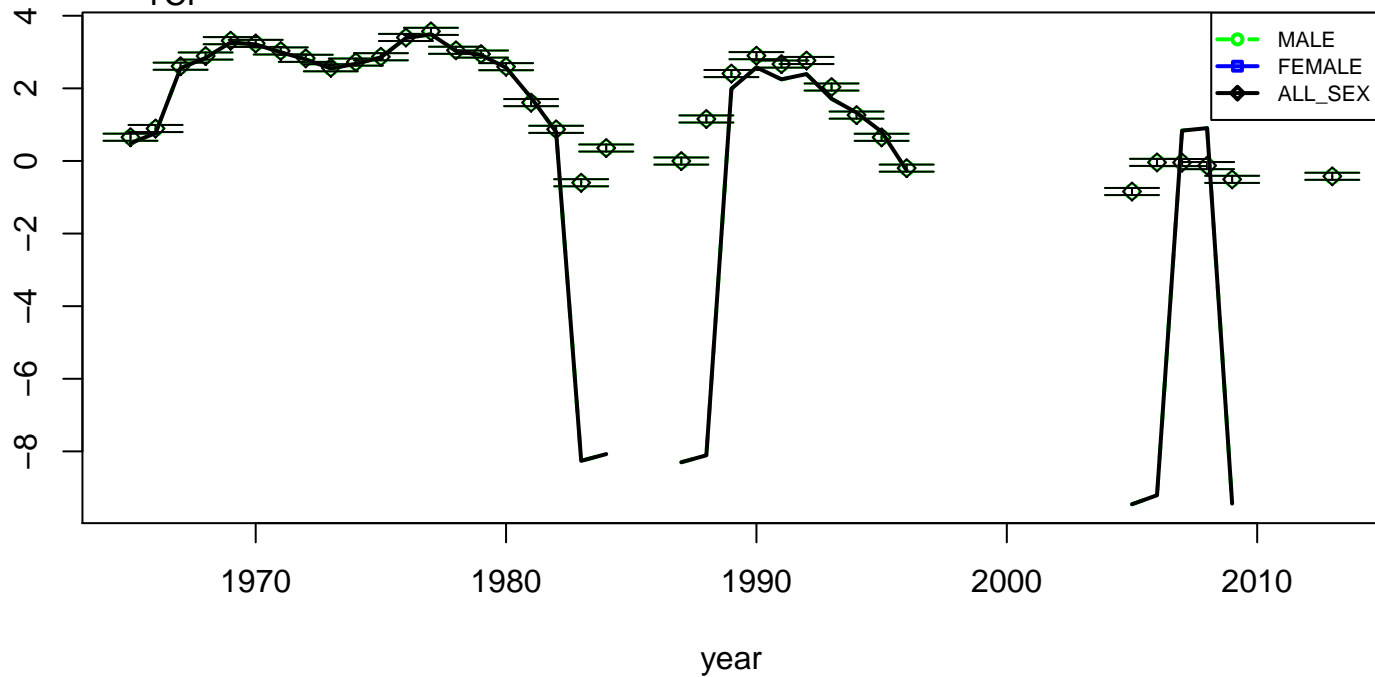




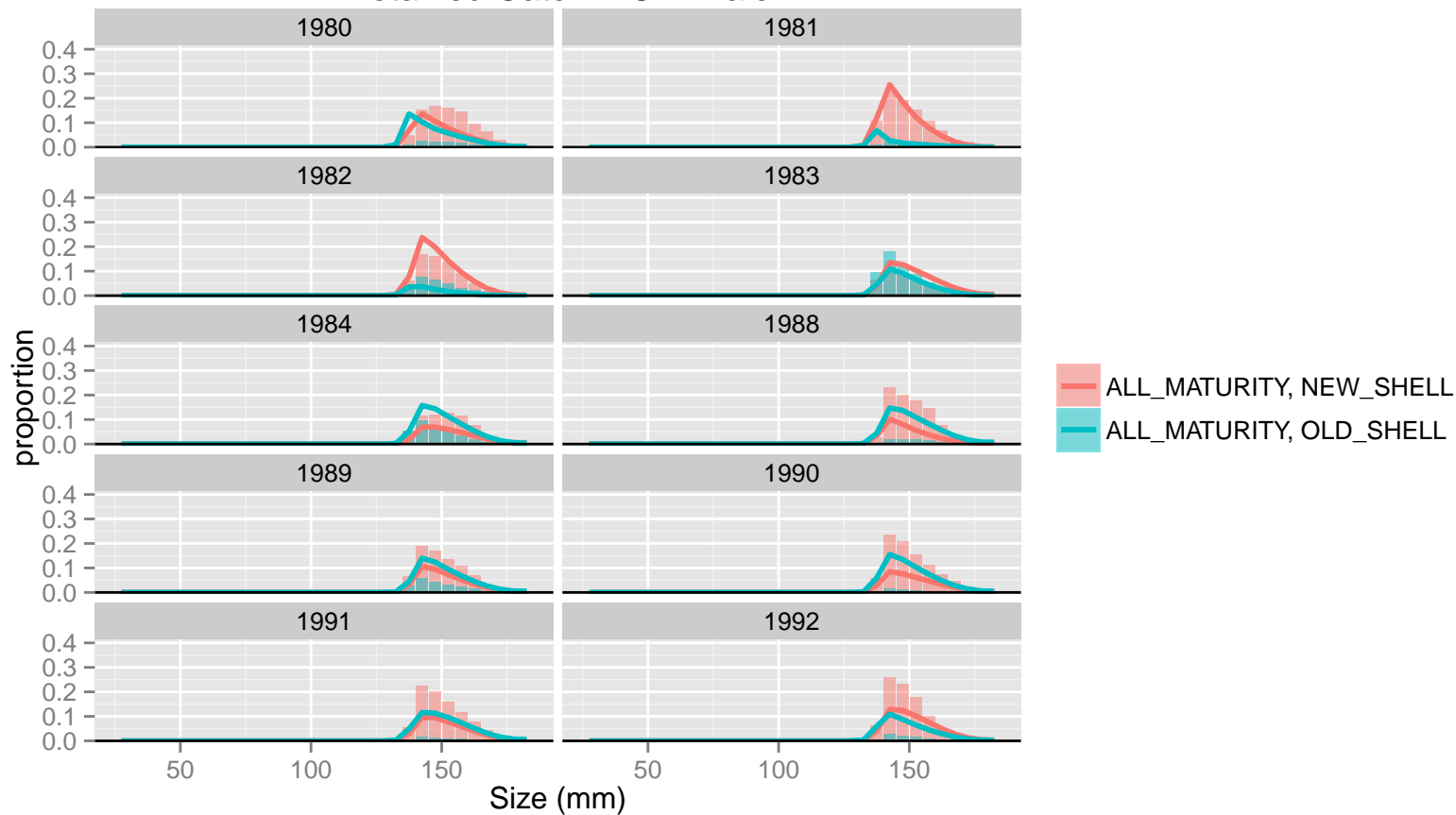


Retained Catch (thousands mt) [ln-scale]

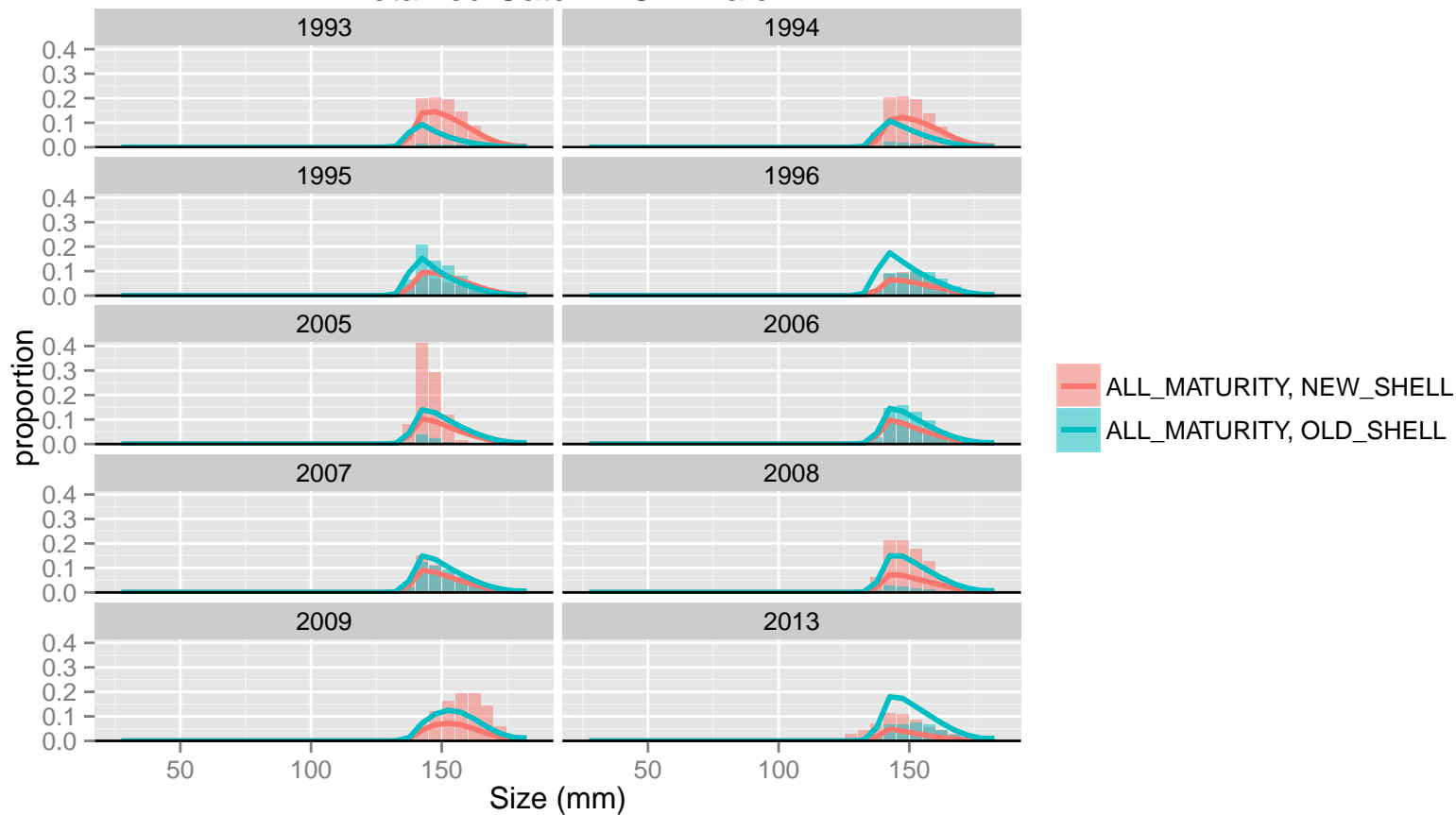
TCF



Retained Catch: TCF: male

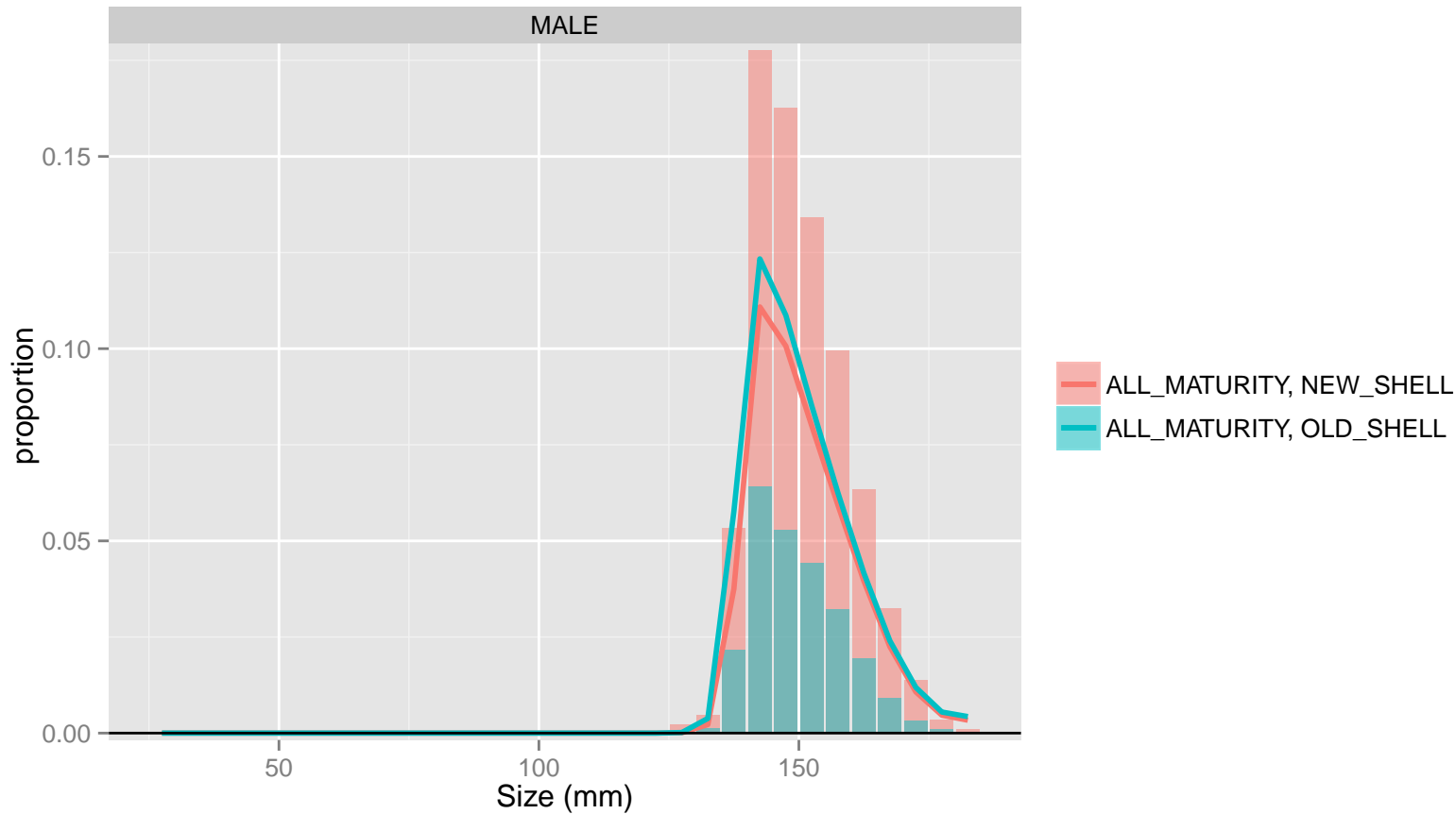


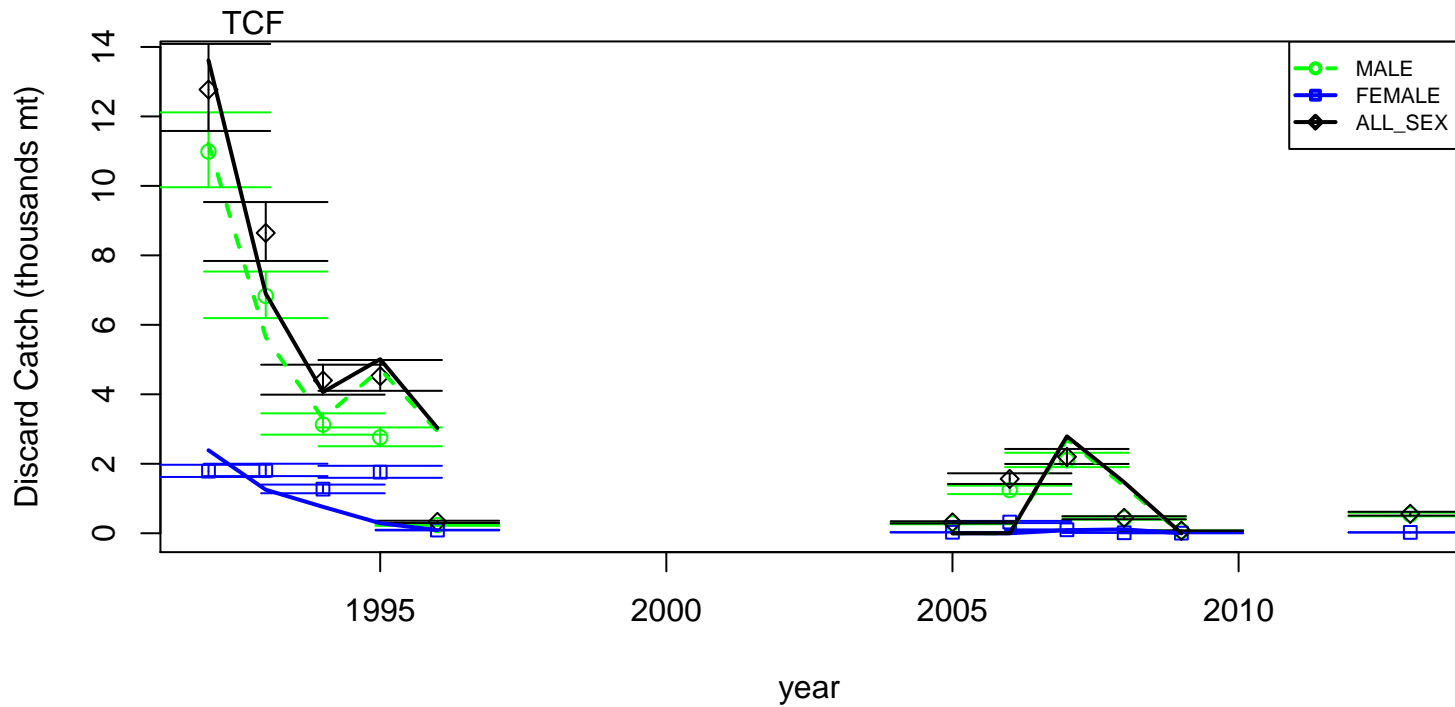
Retained Catch: TCF: male



Retained Catch: TCF

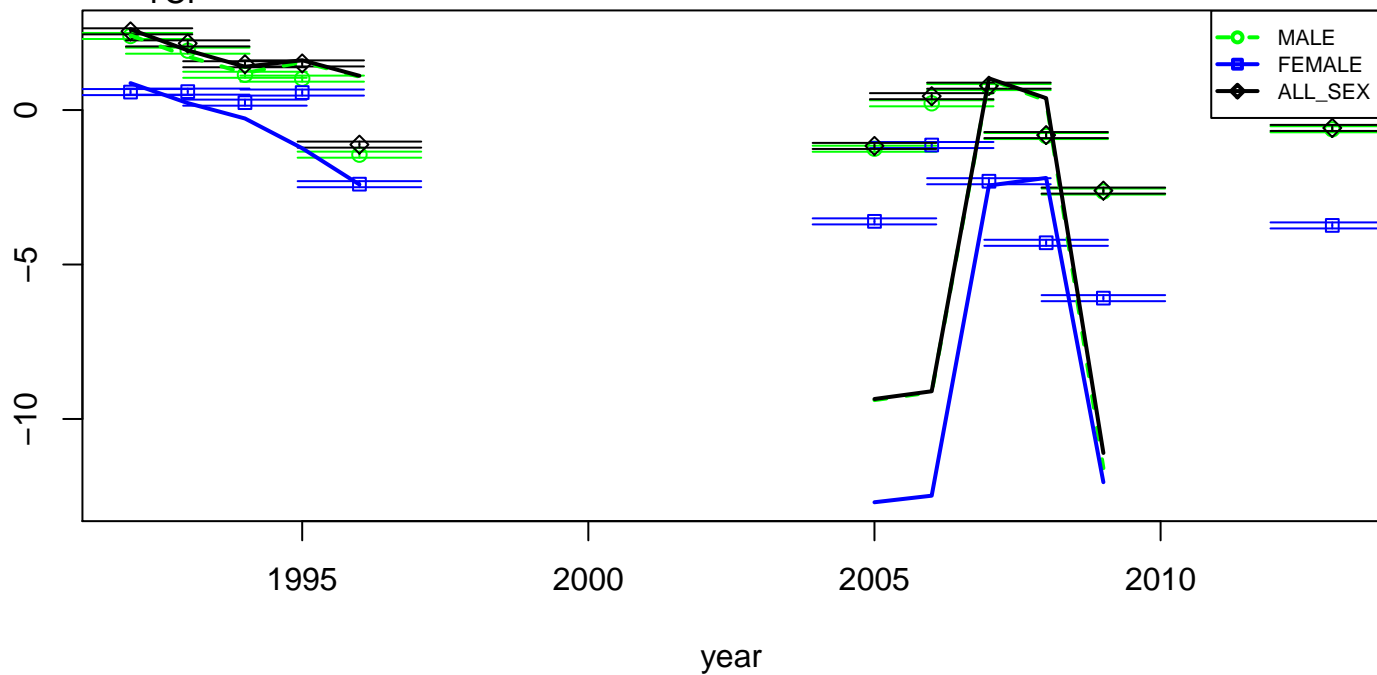
MALE



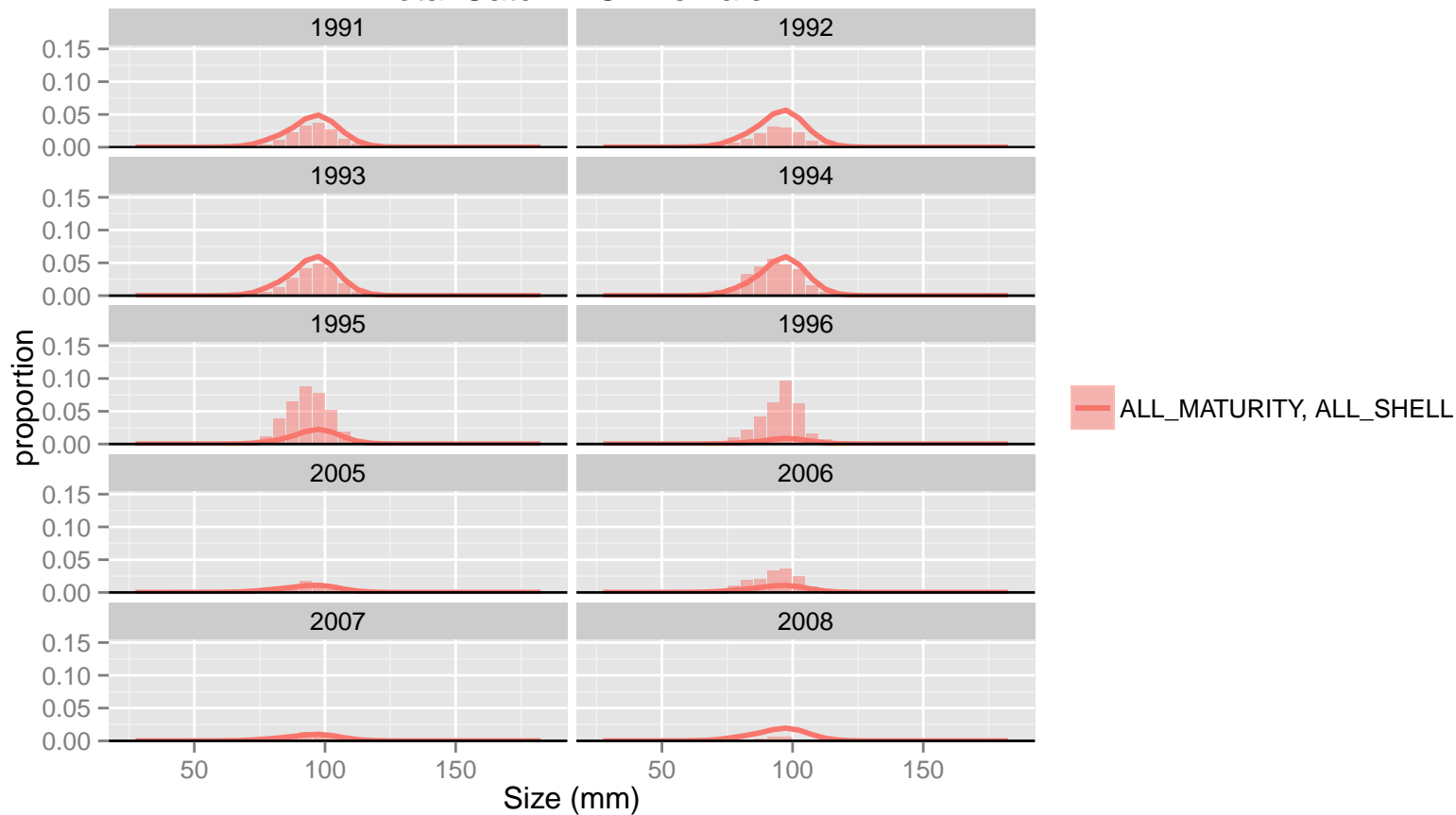


Discard Catch (thousands mt) [ln-scale]

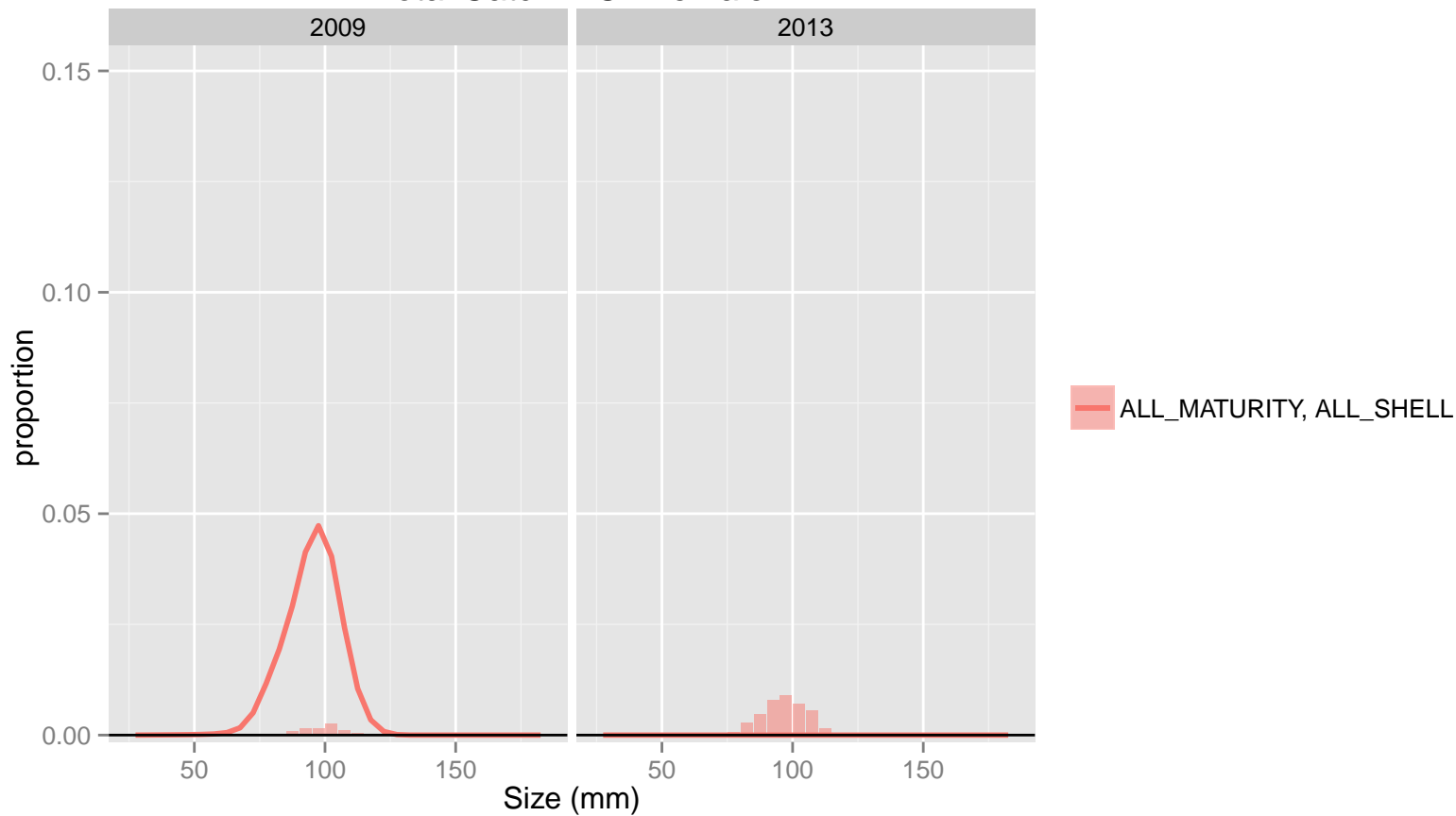
TCF



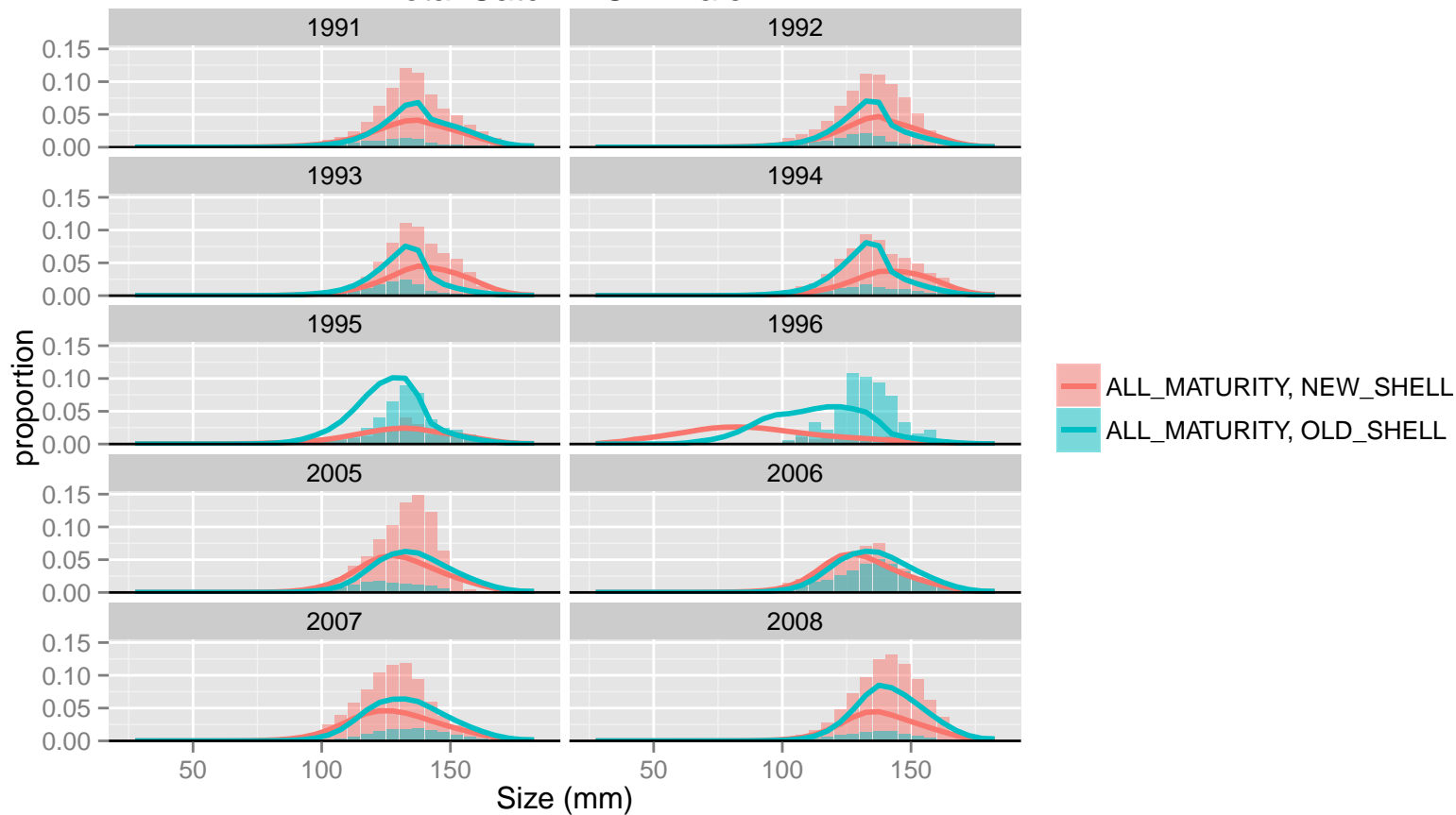
Total Catch: TCF: female



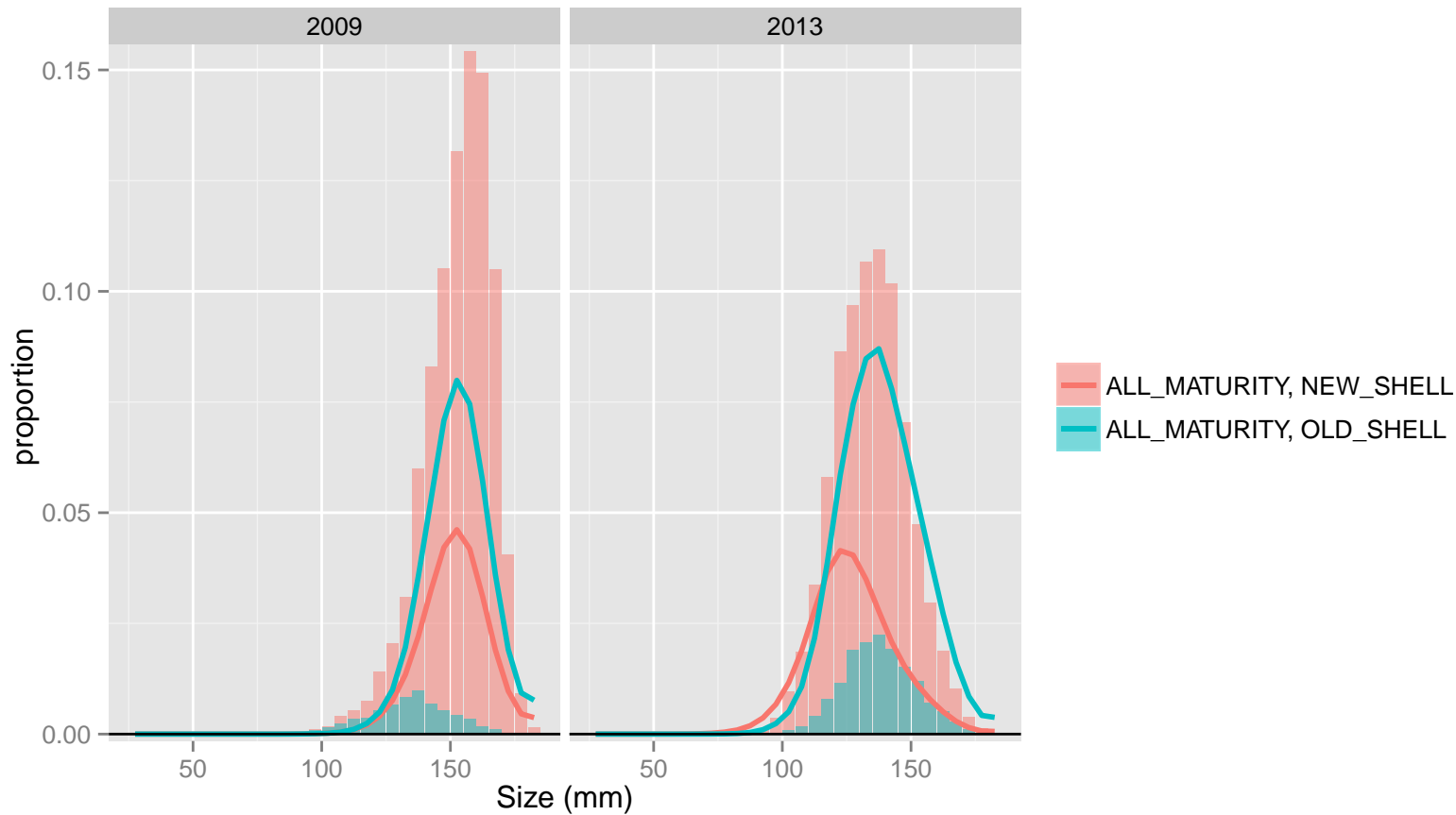
Total Catch: TCF: female



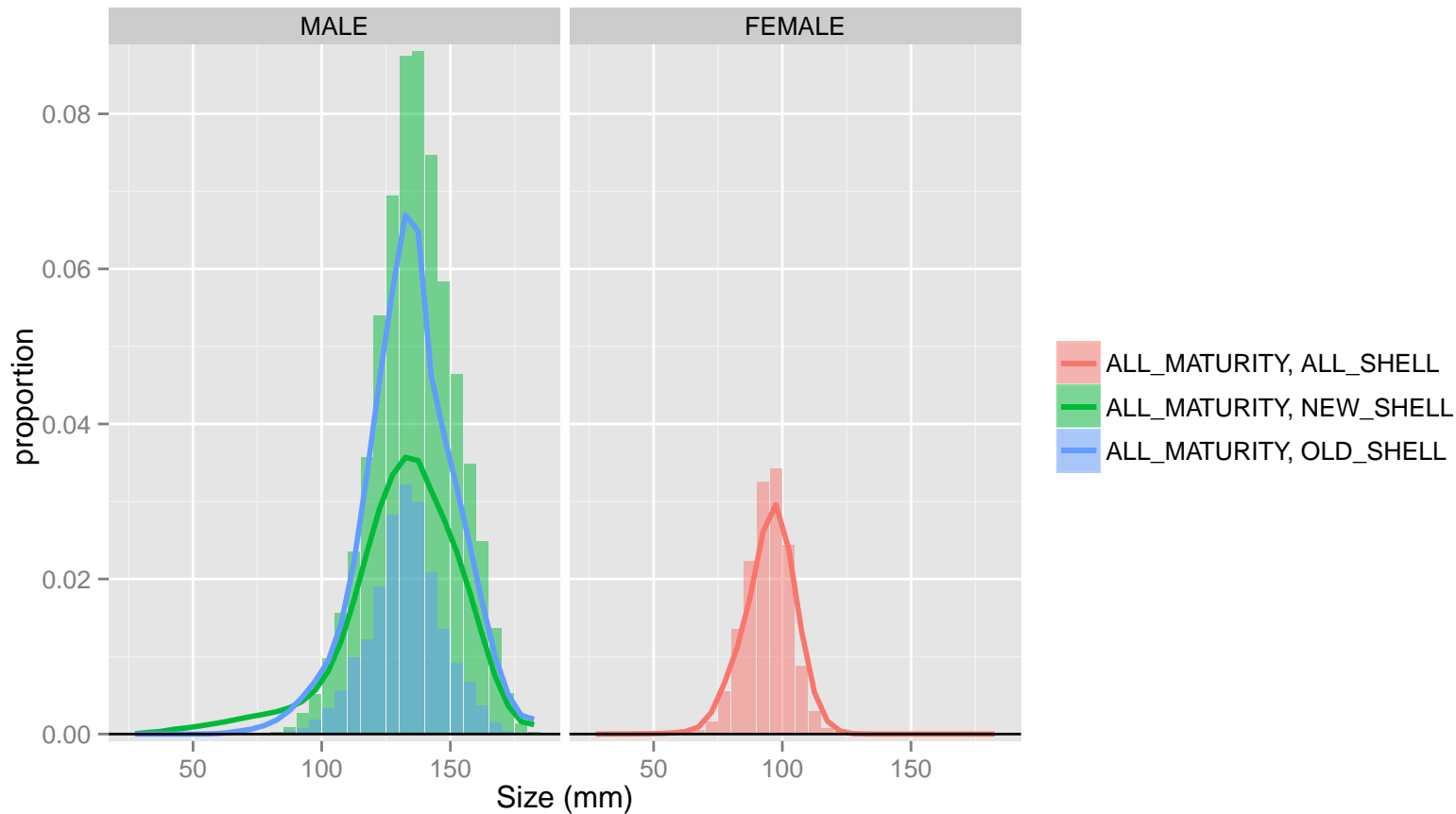
Total Catch: TCF: male

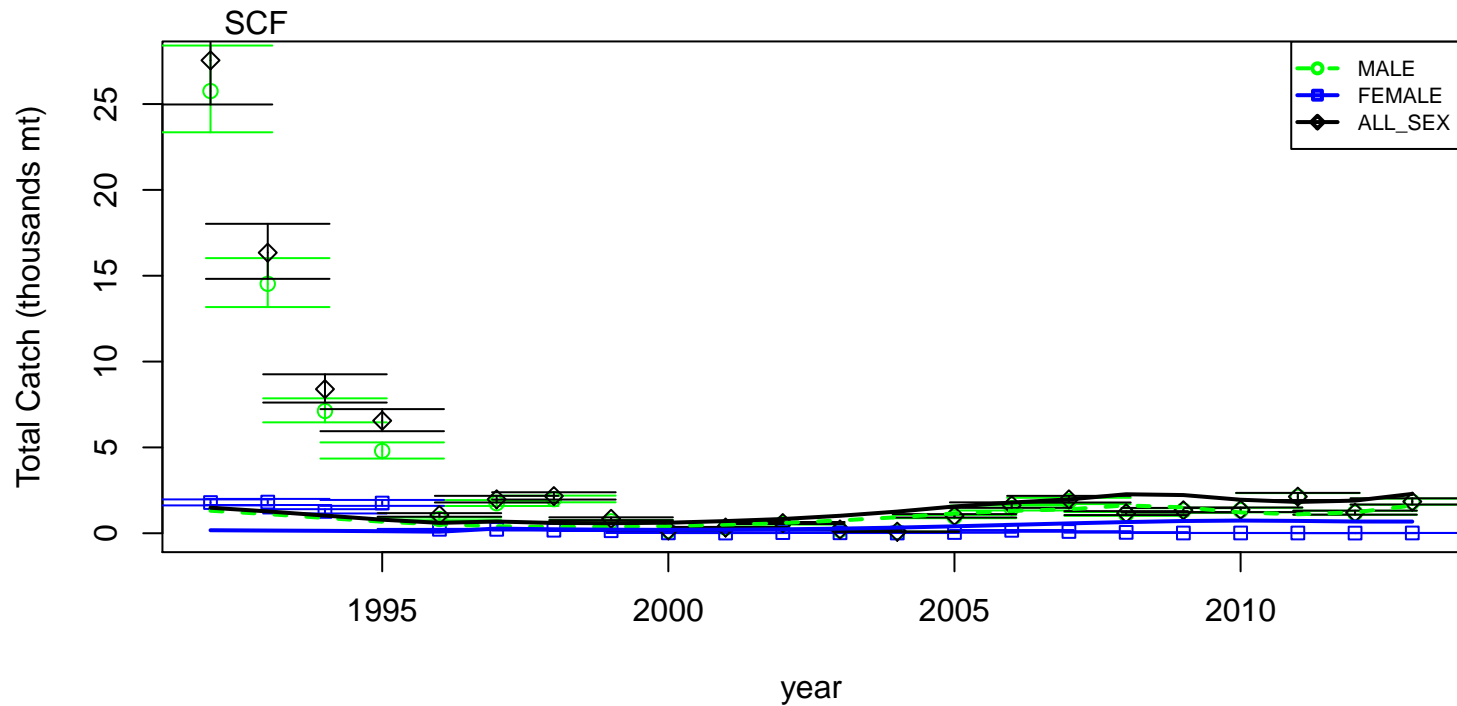


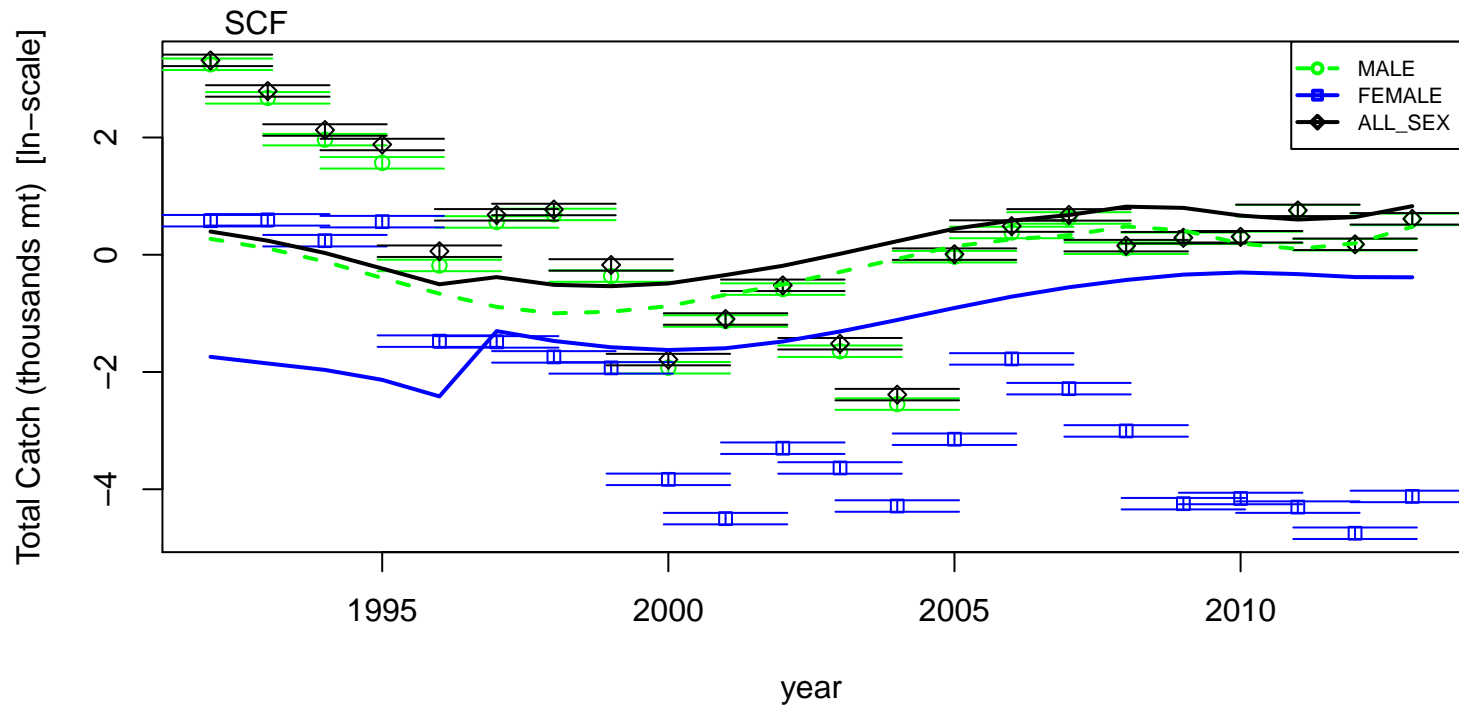
Total Catch: TCF: male



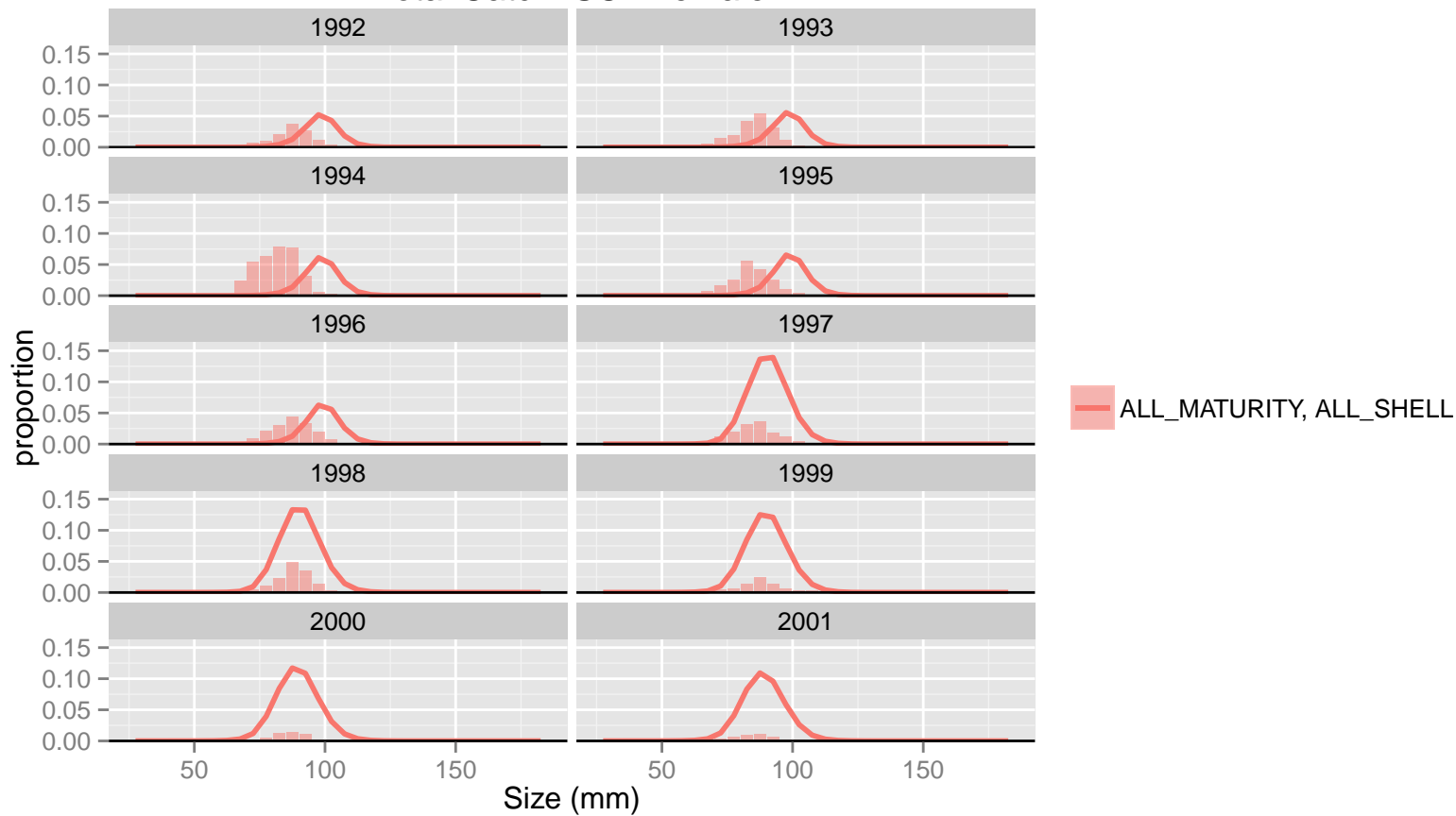
Total Catch: TCF



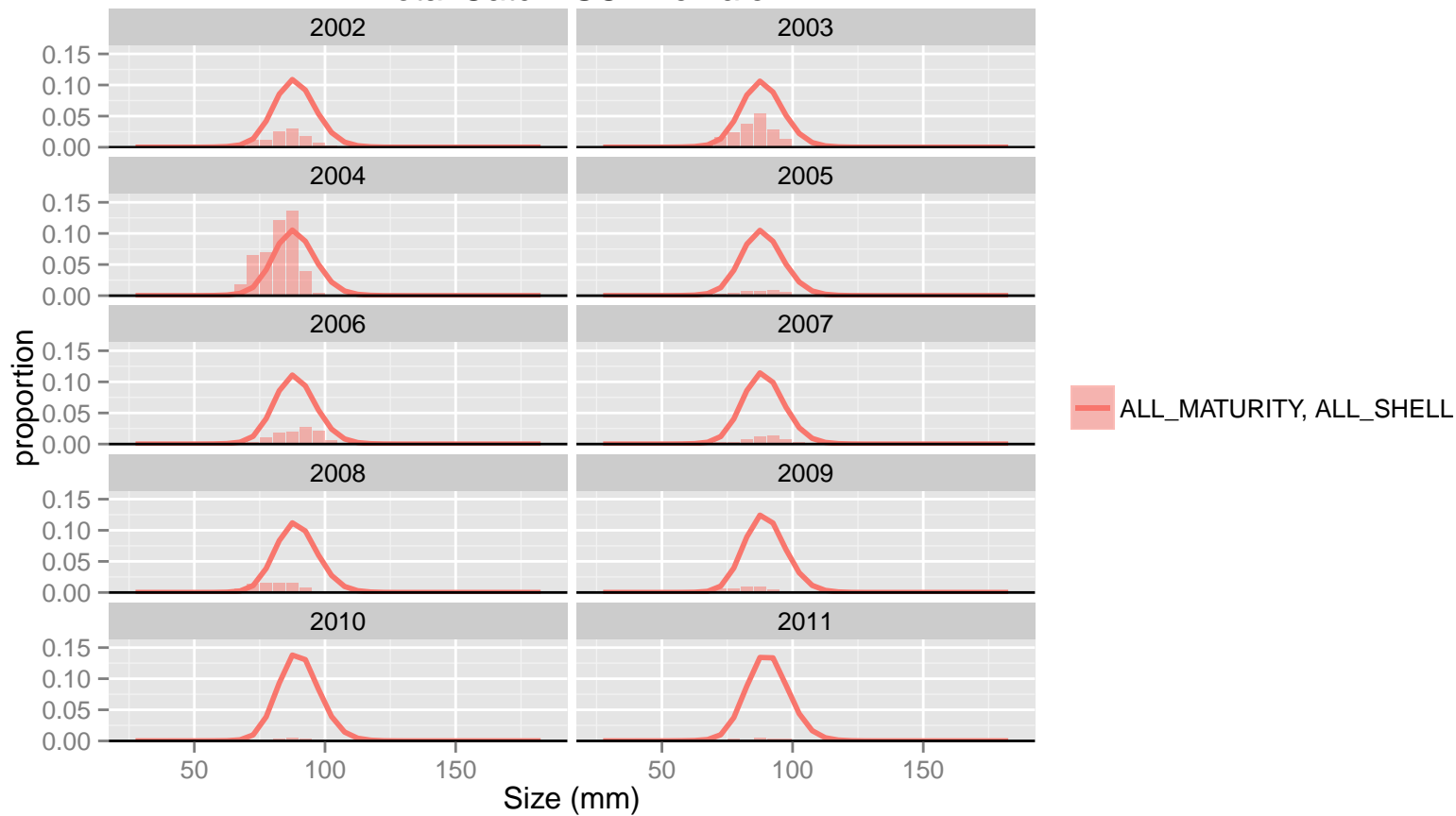




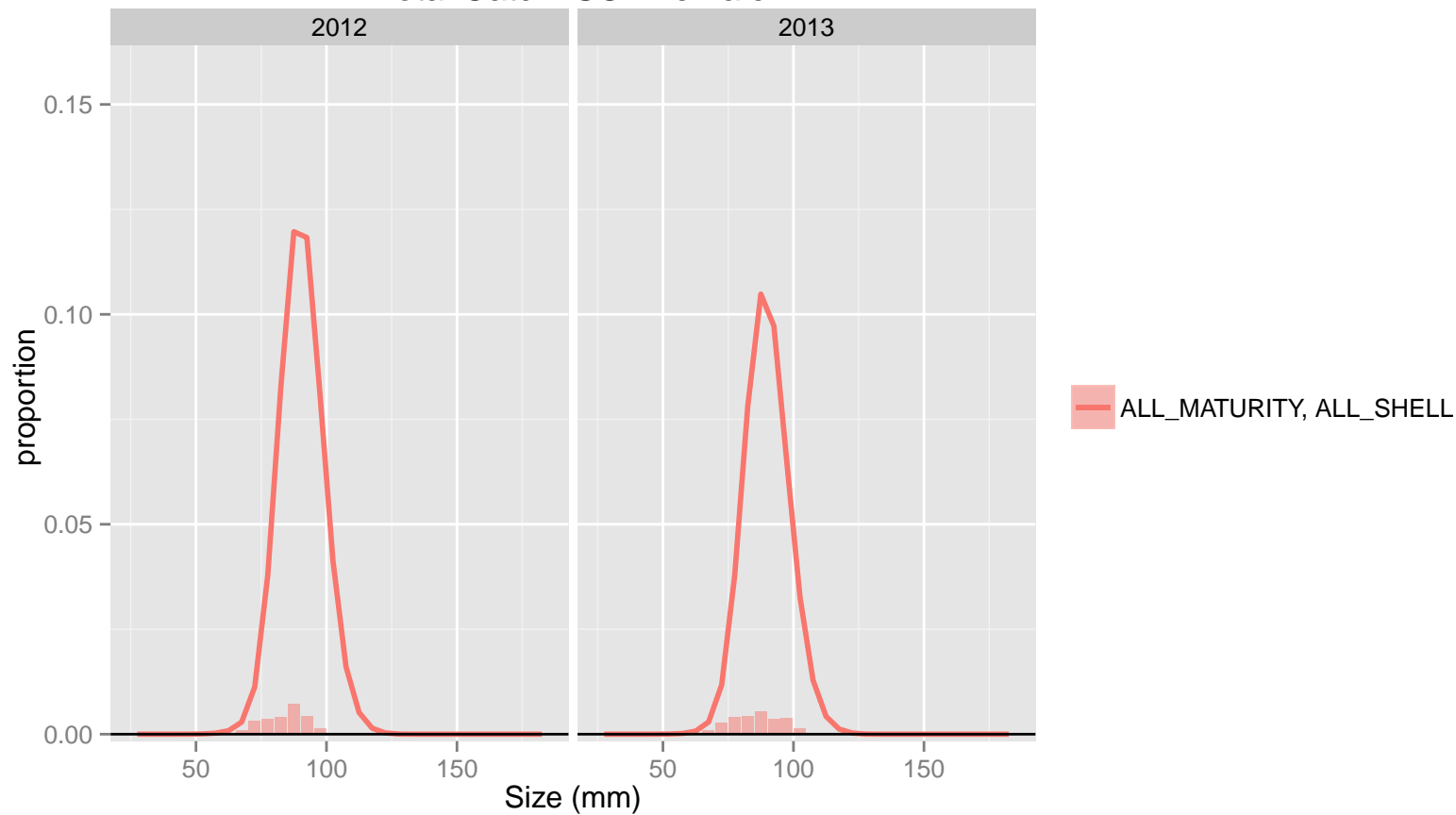
Total Catch: SCF: female



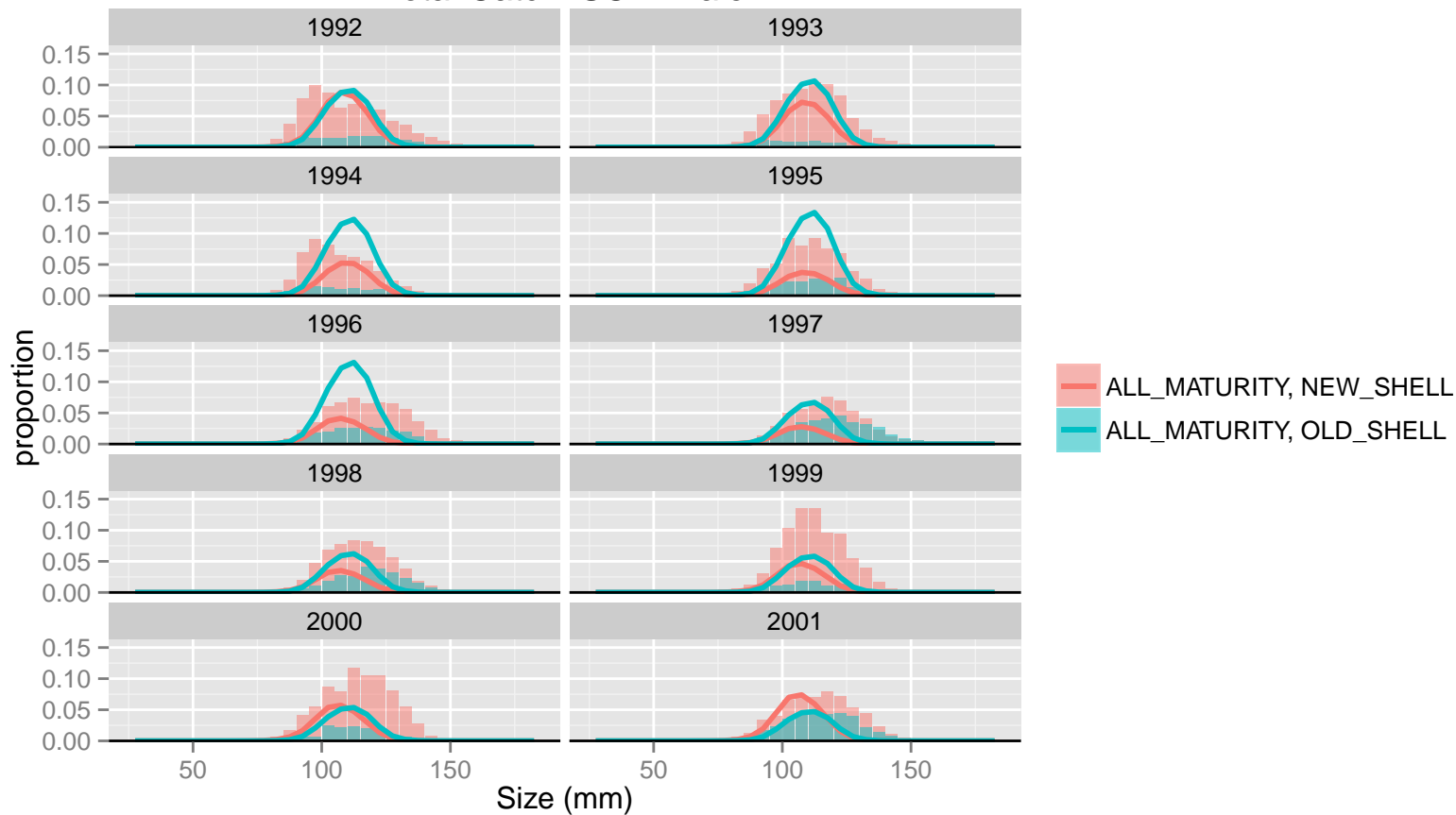
Total Catch: SCF: female



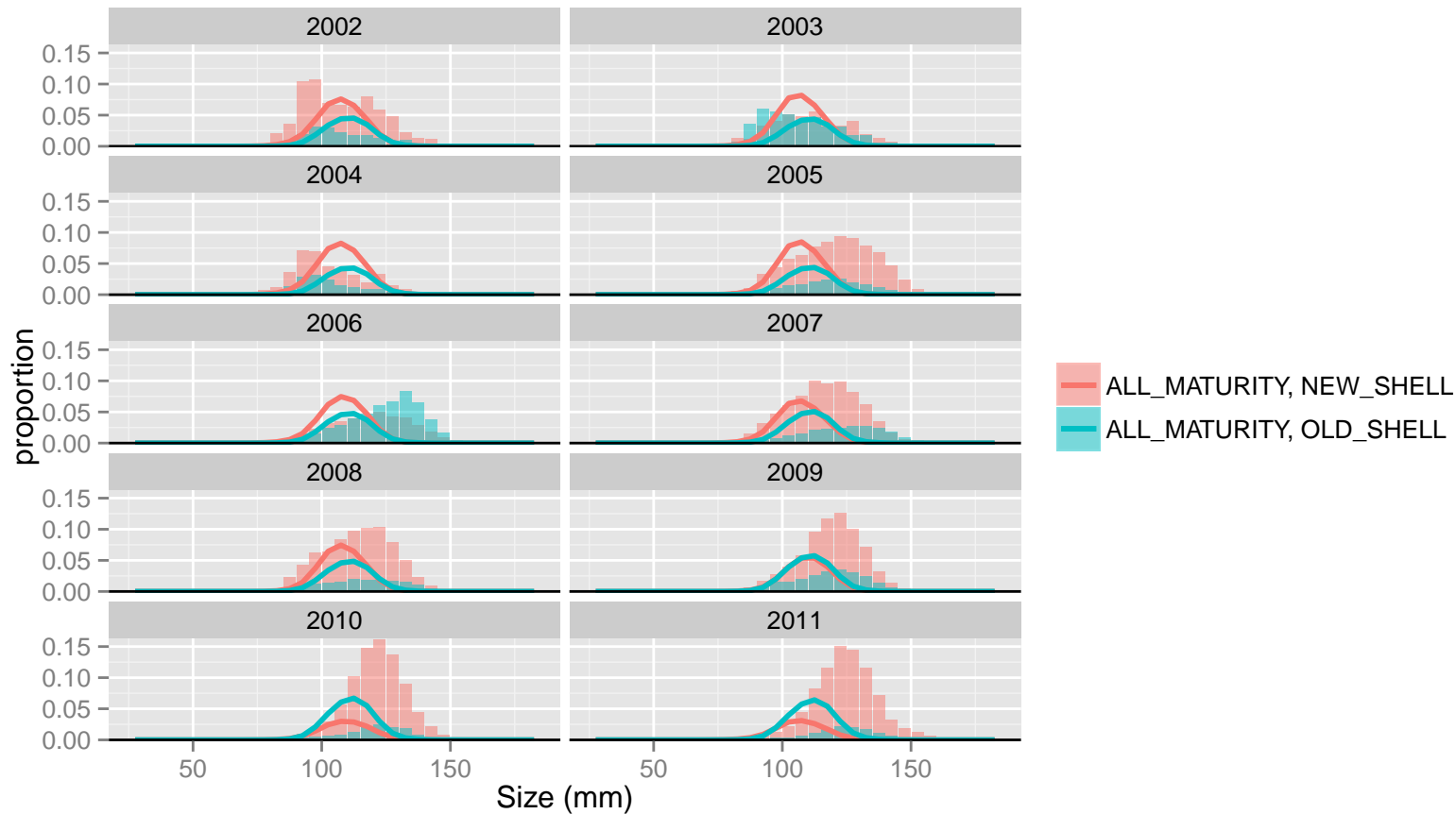
Total Catch: SCF: female



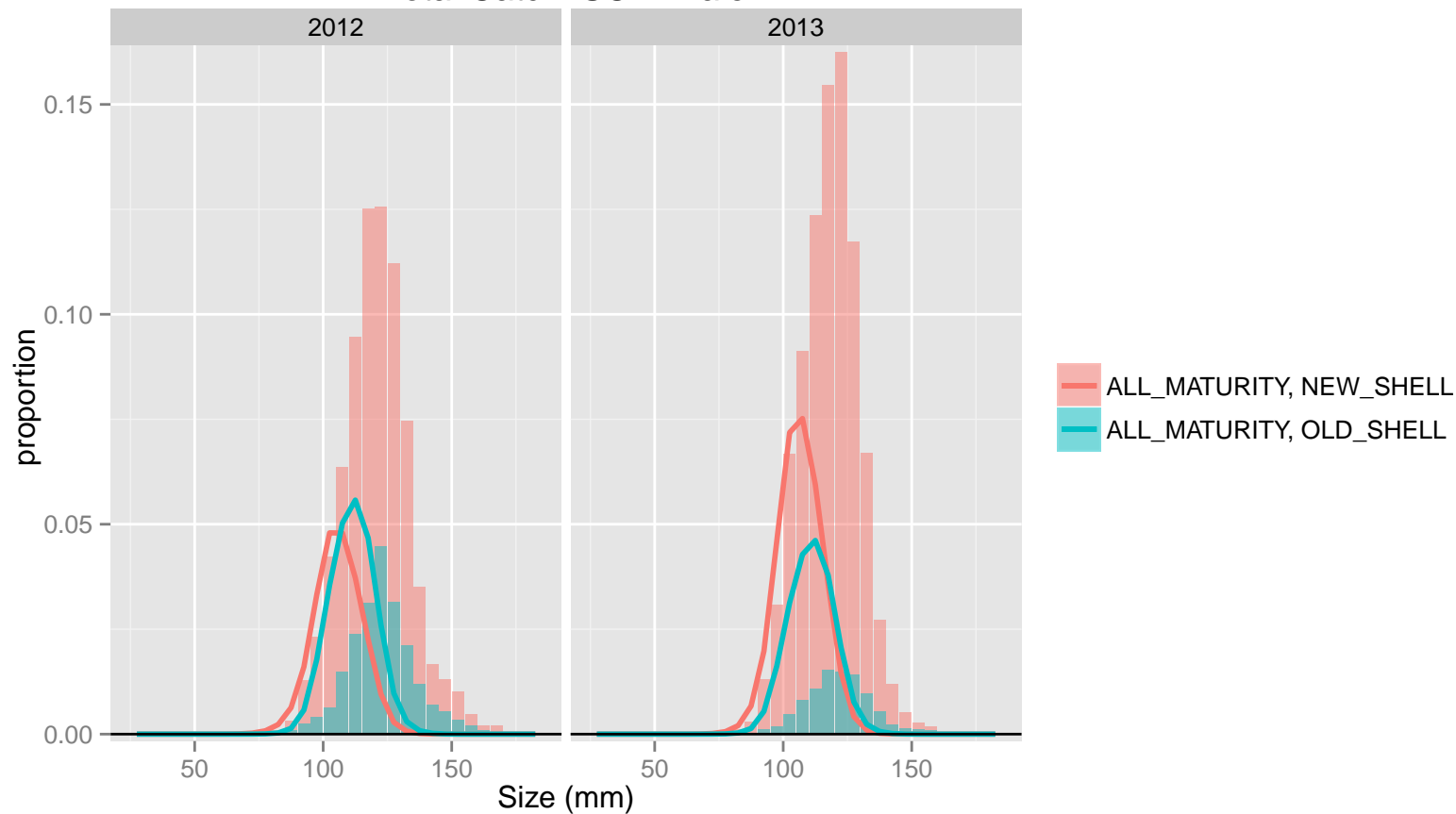
Total Catch: SCF: male



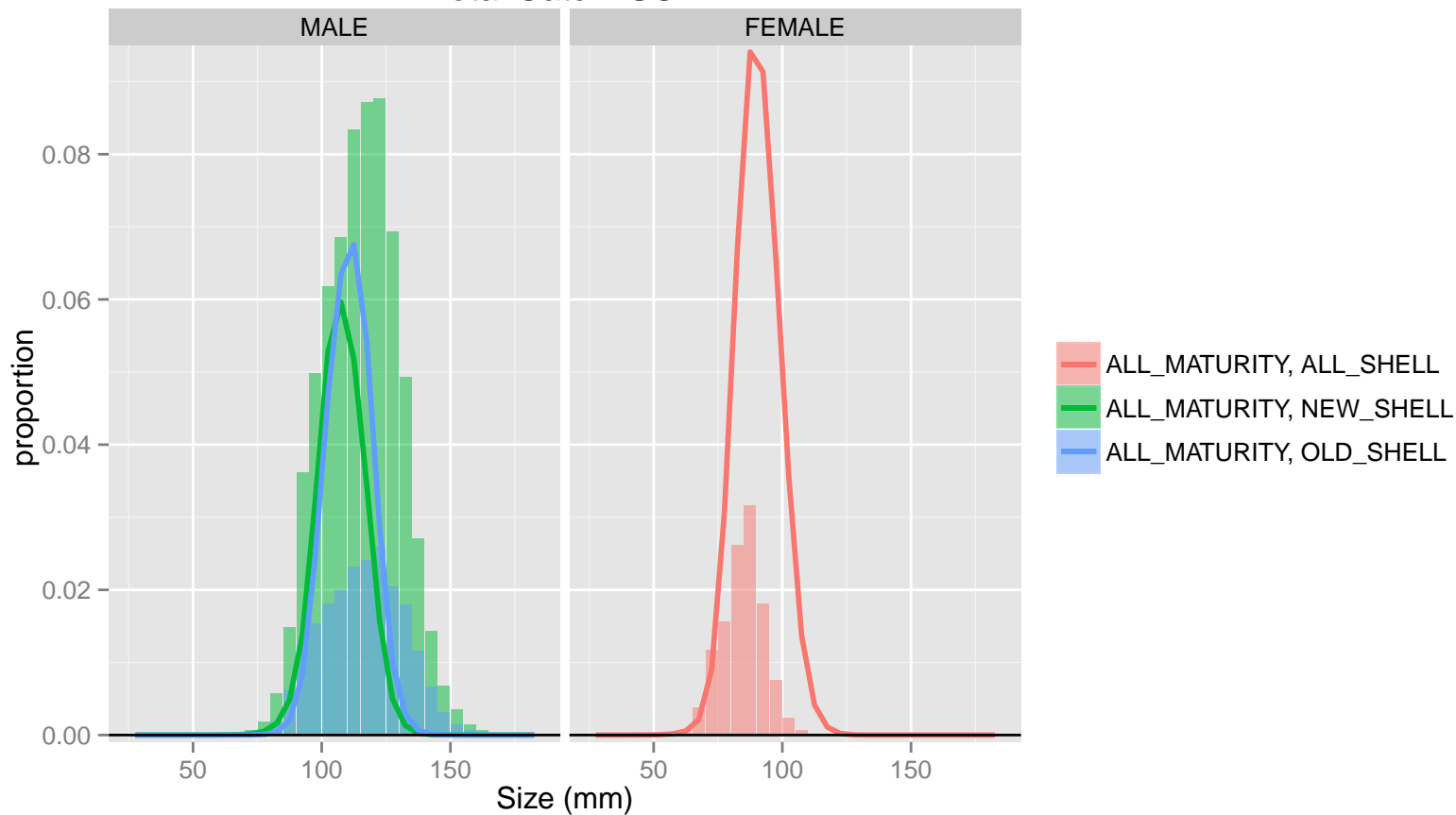
Total Catch: SCF: male

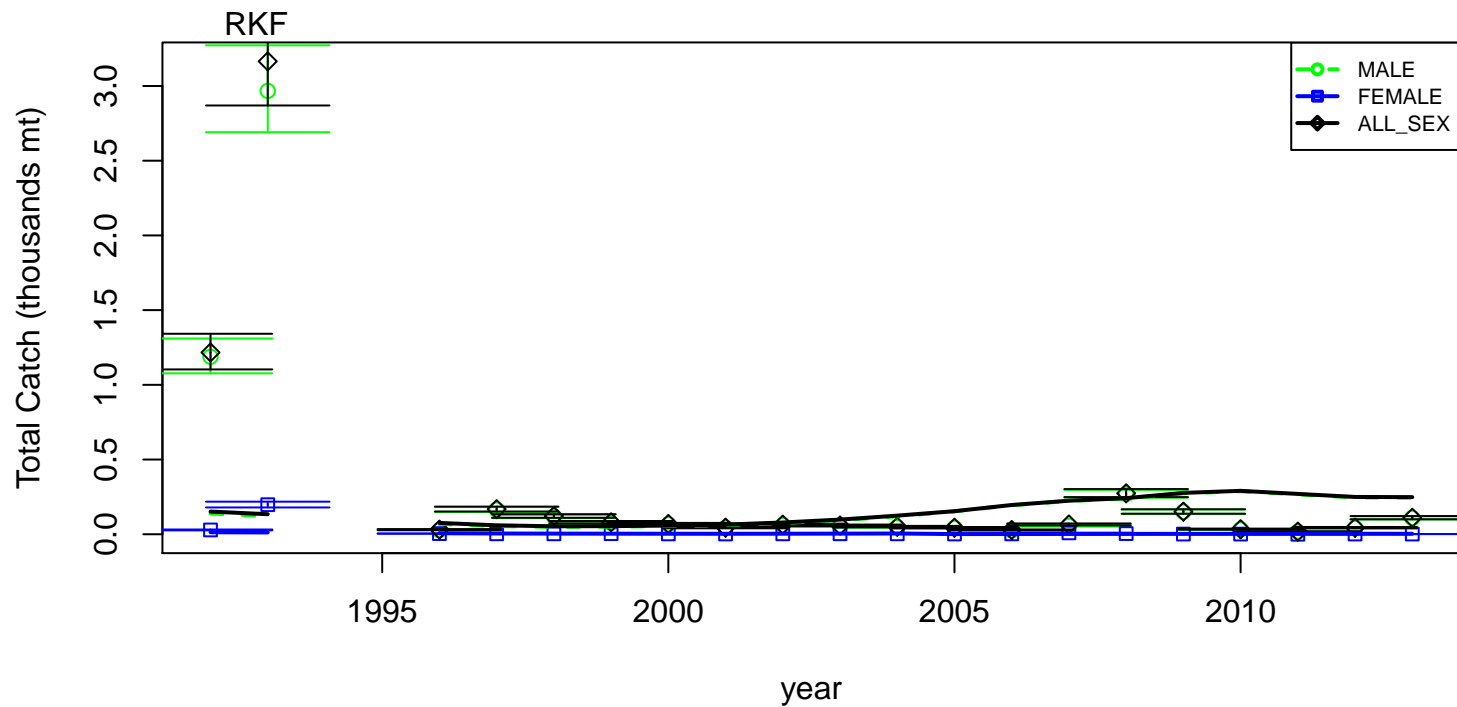


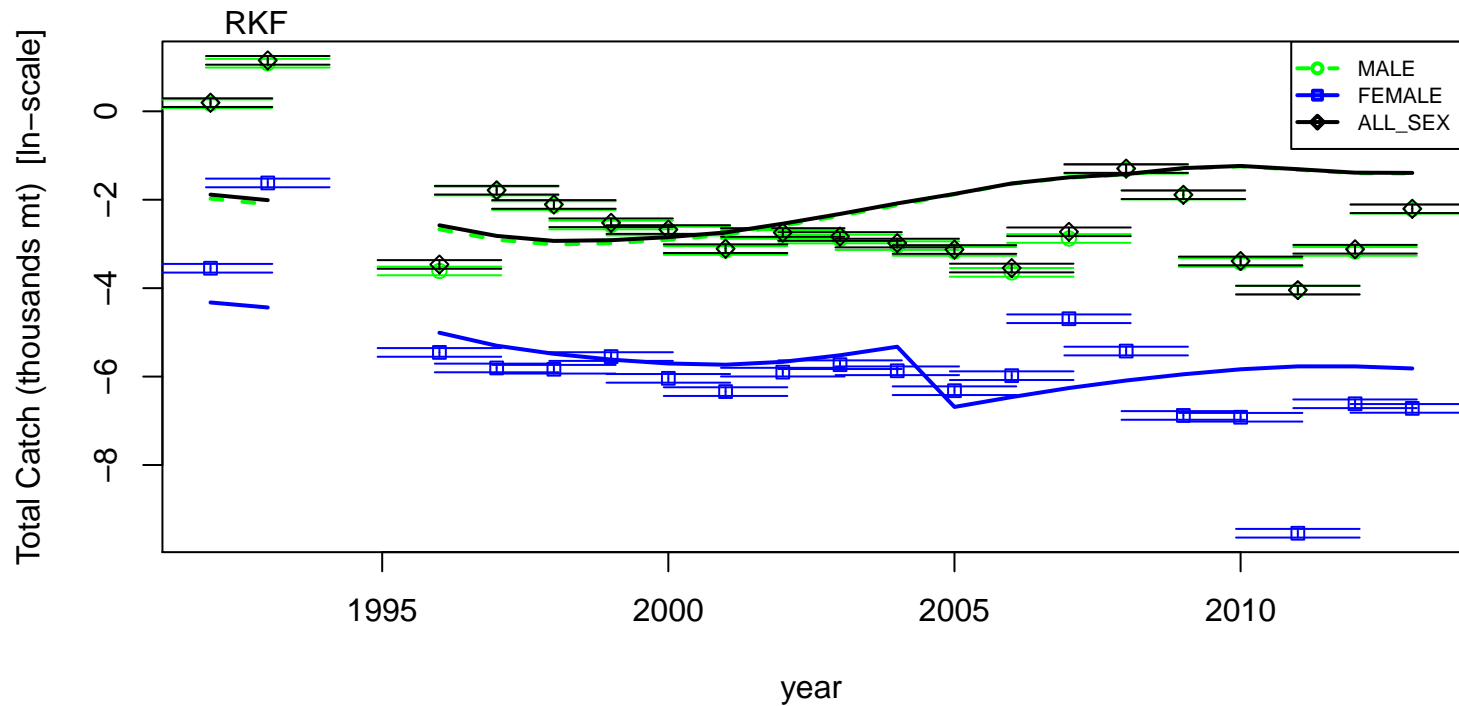
Total Catch: SCF: male



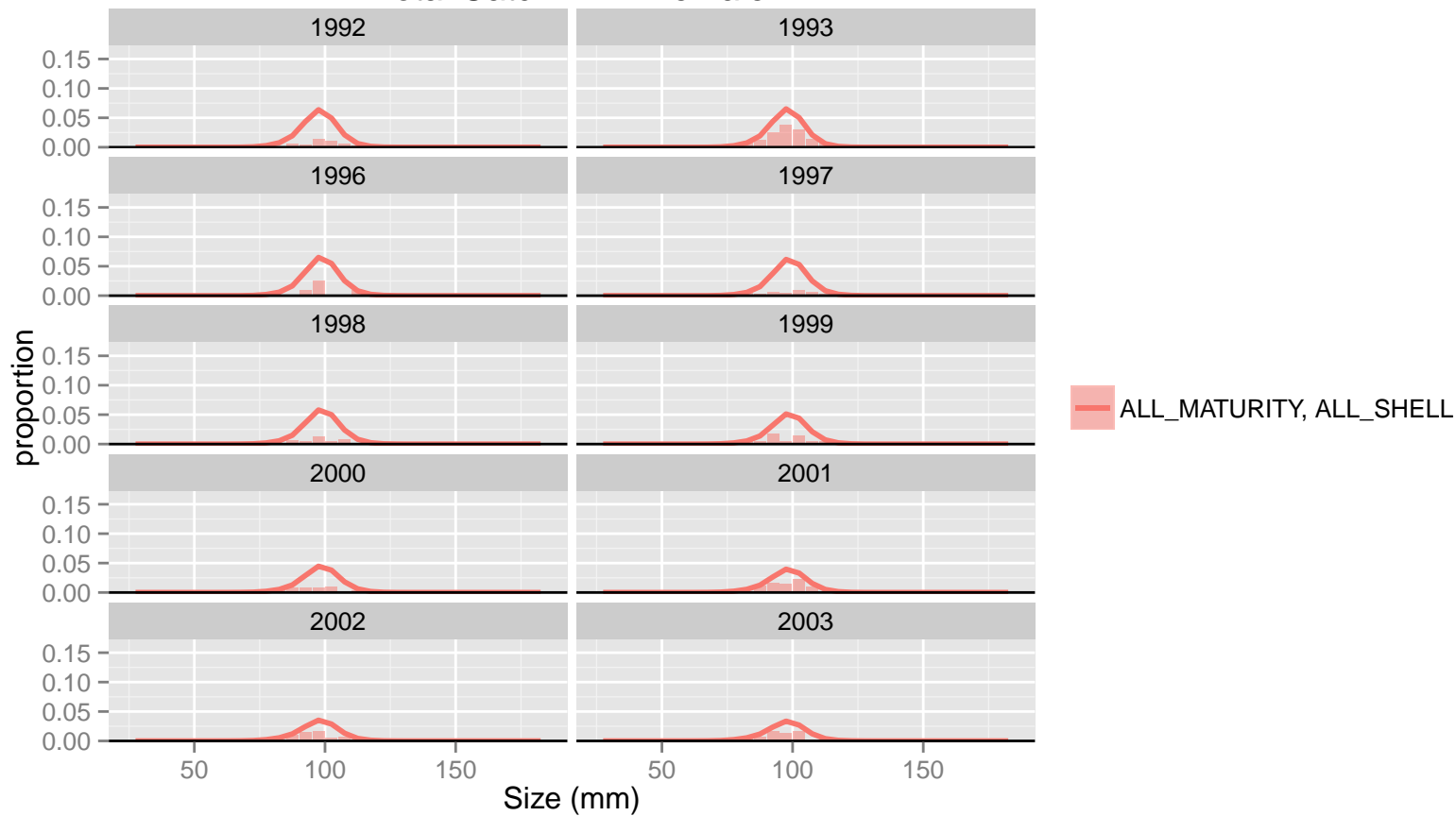
Total Catch: SCF



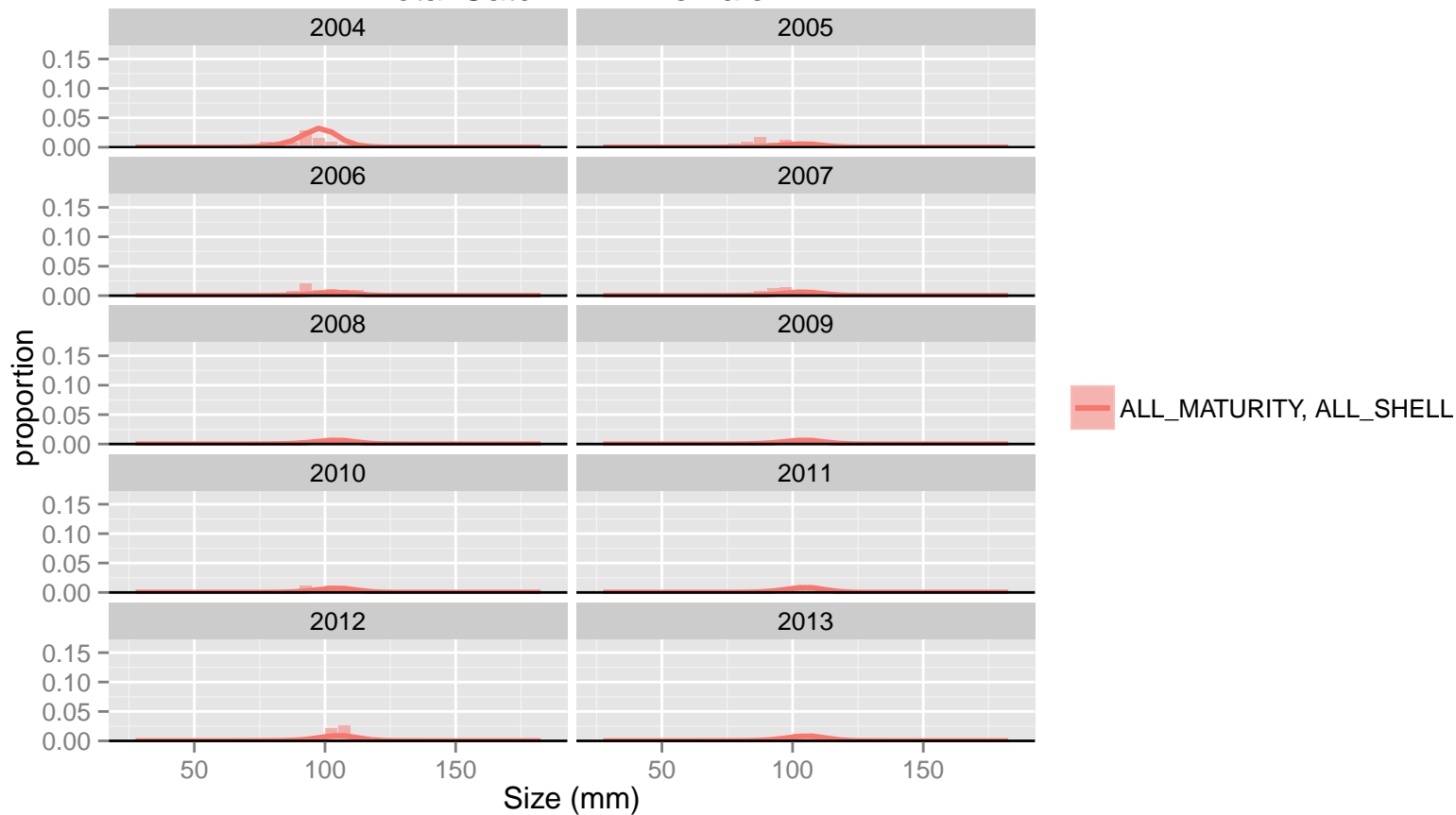




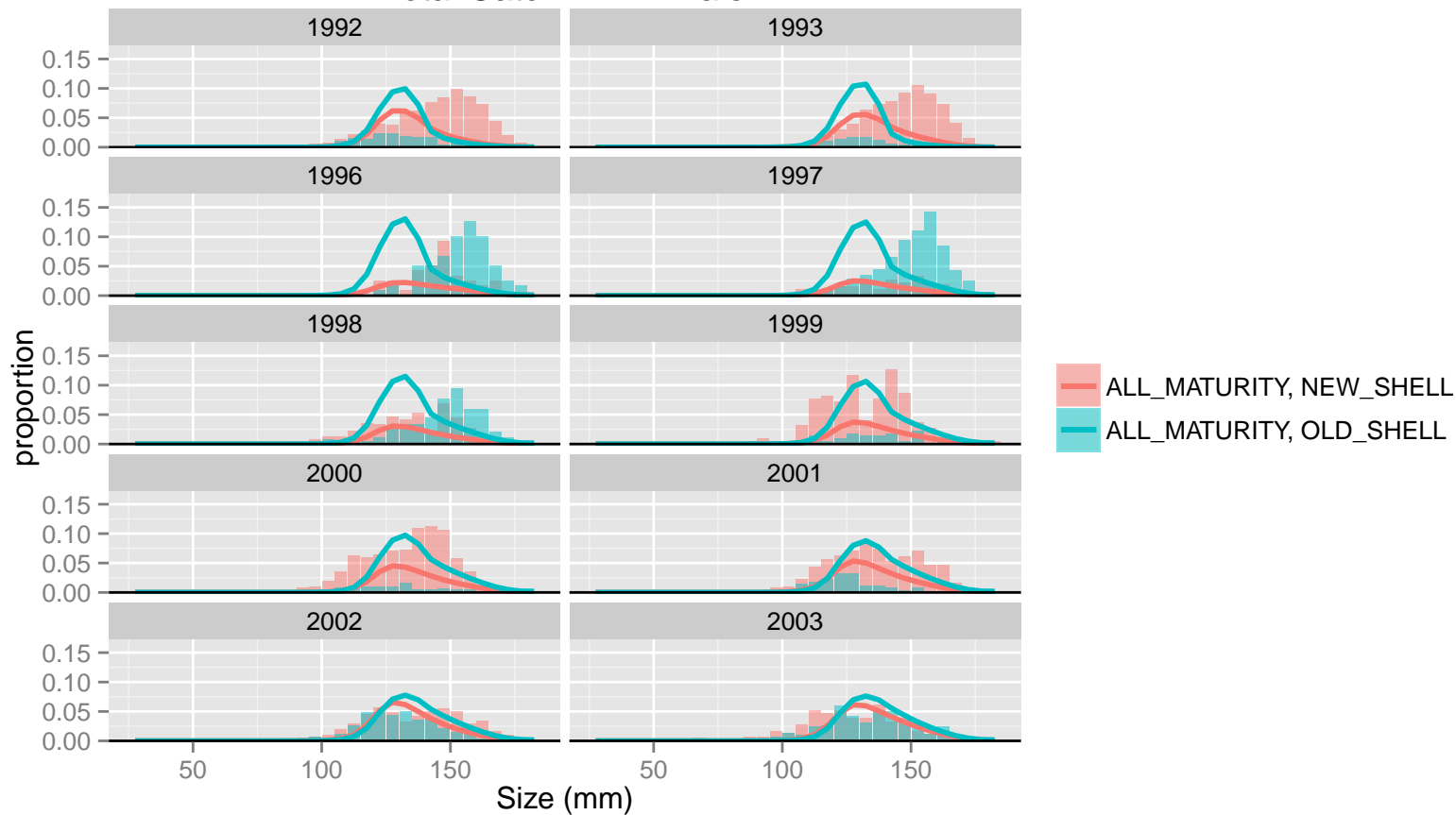
Total Catch: RKF: female



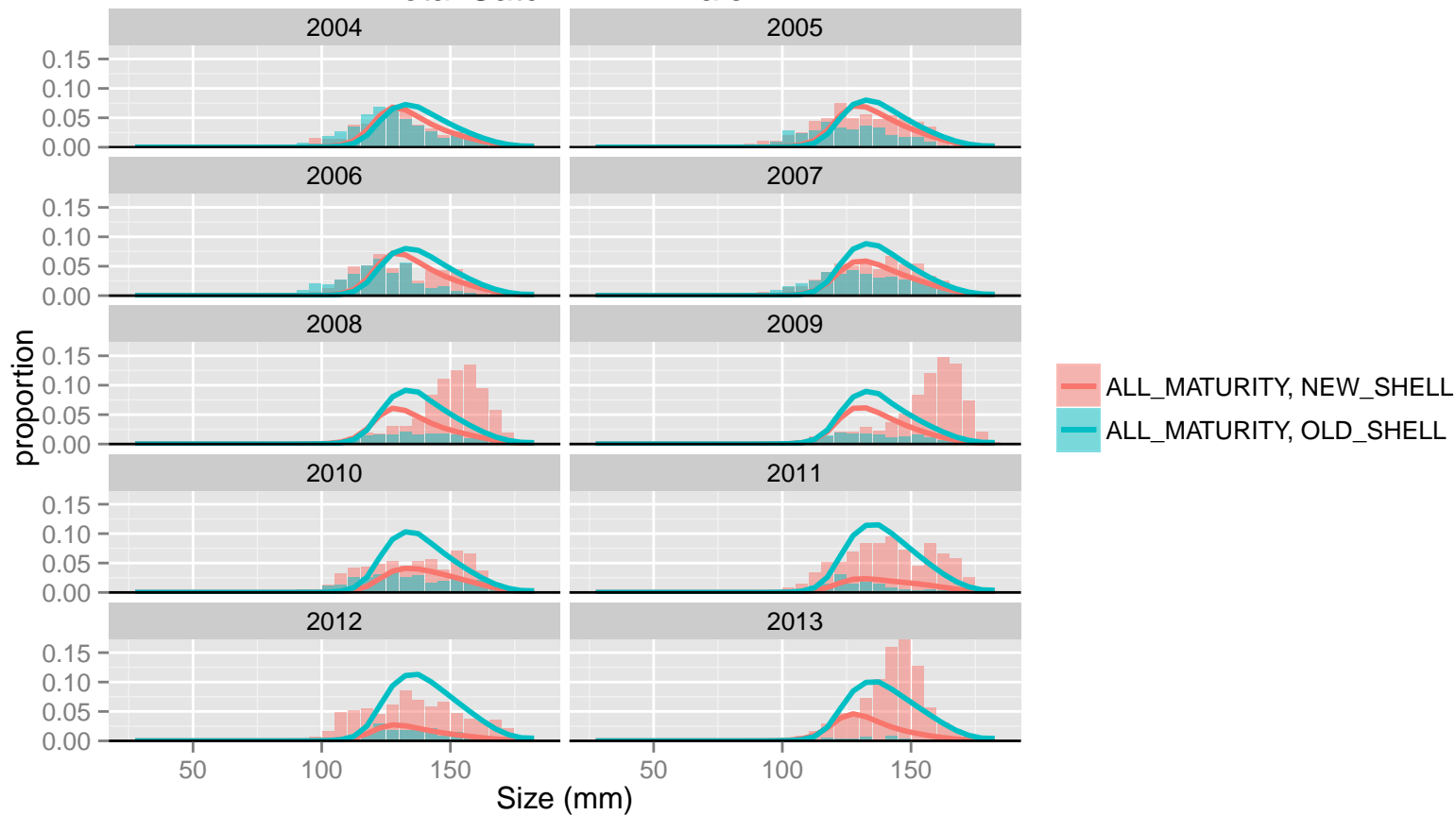
Total Catch: RKF: female



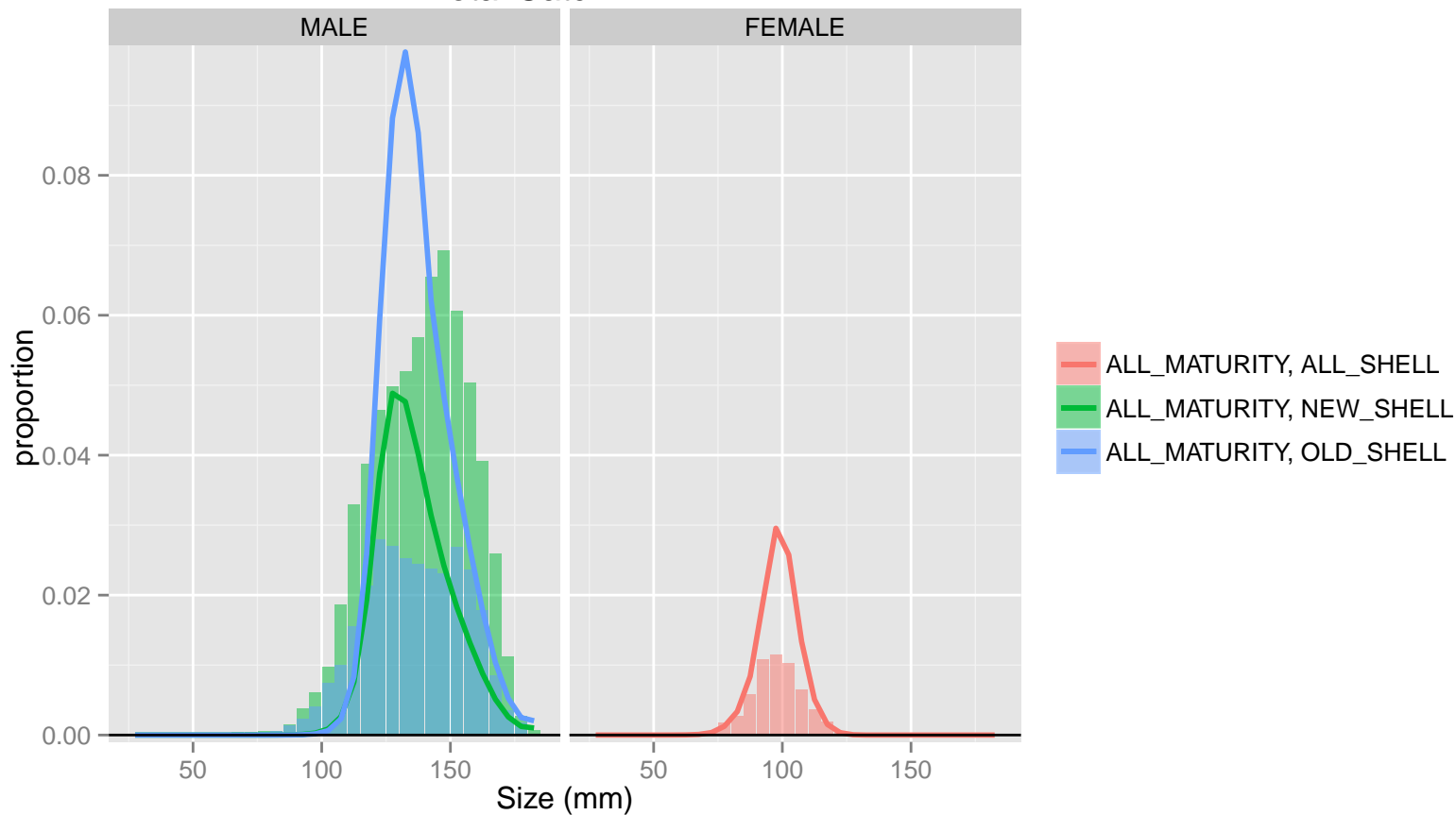
Total Catch: RKF: male

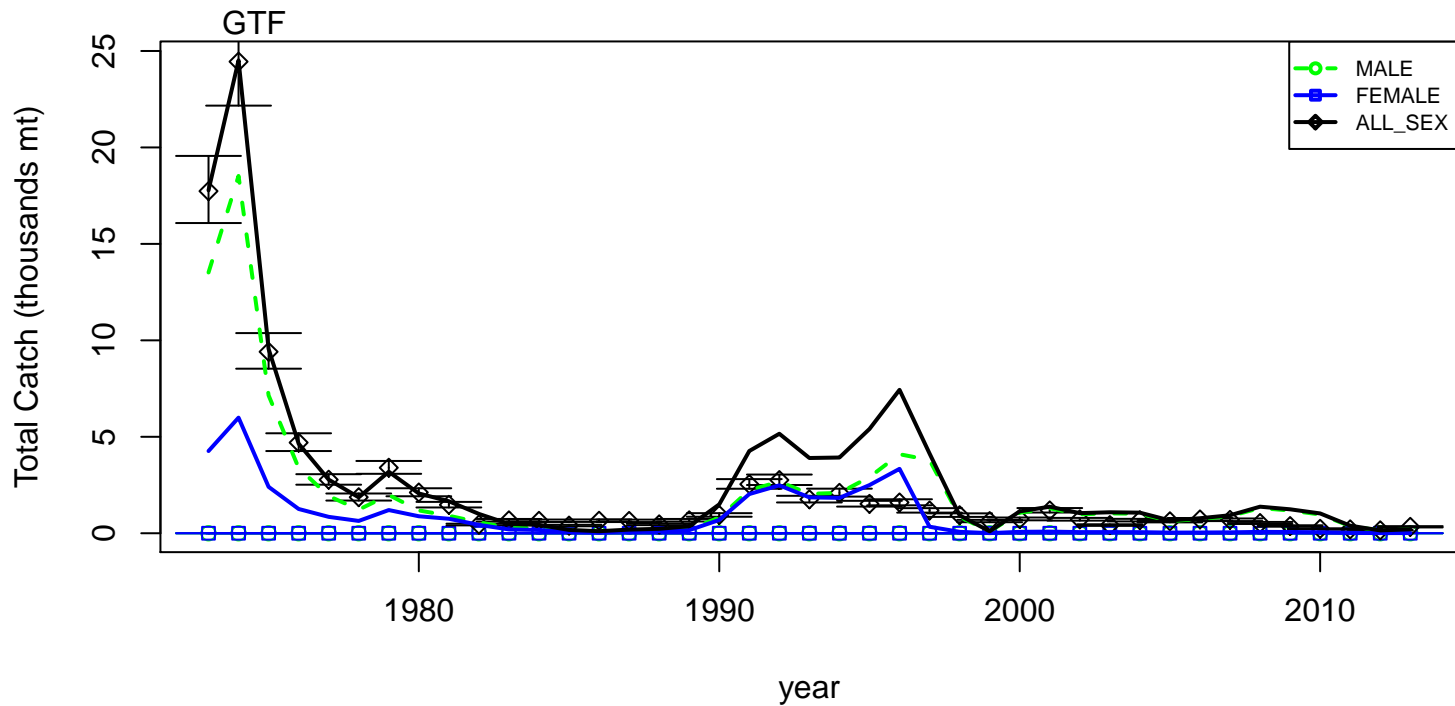


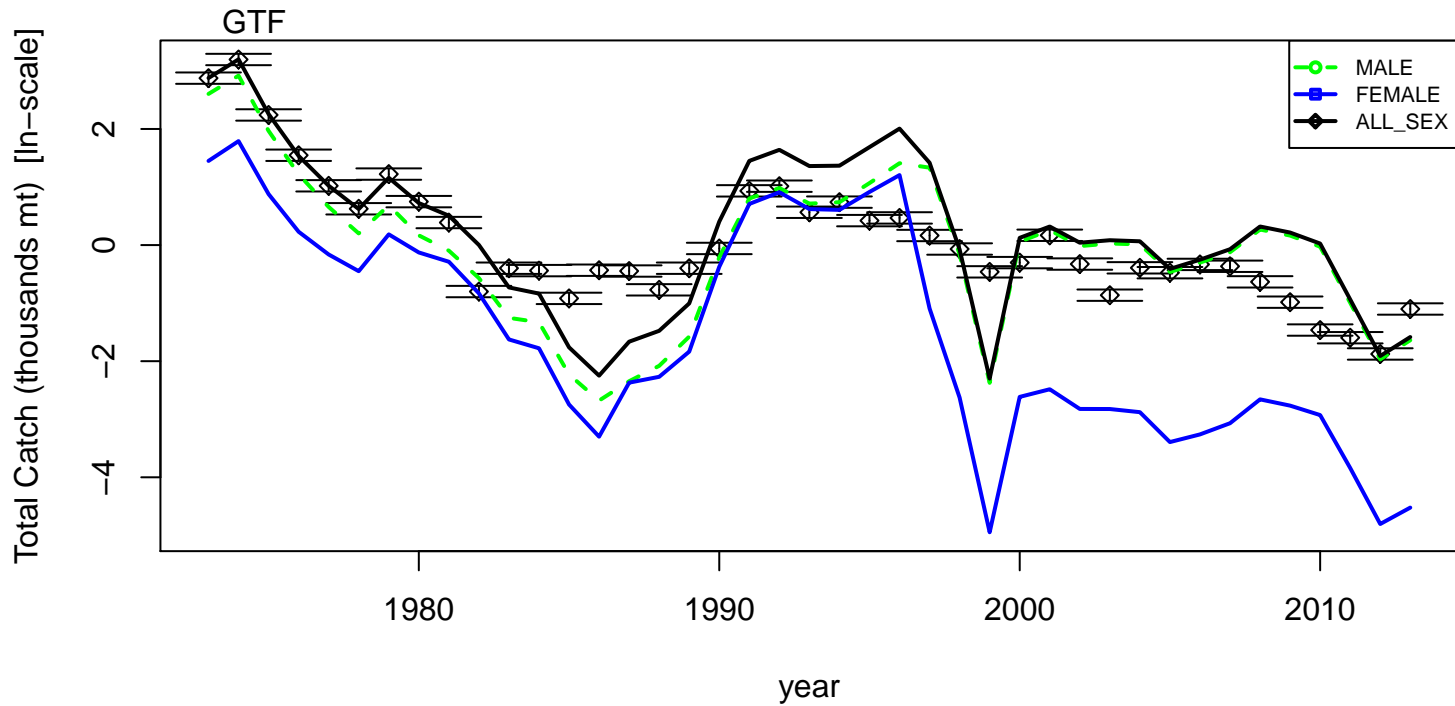
Total Catch: RKF: male



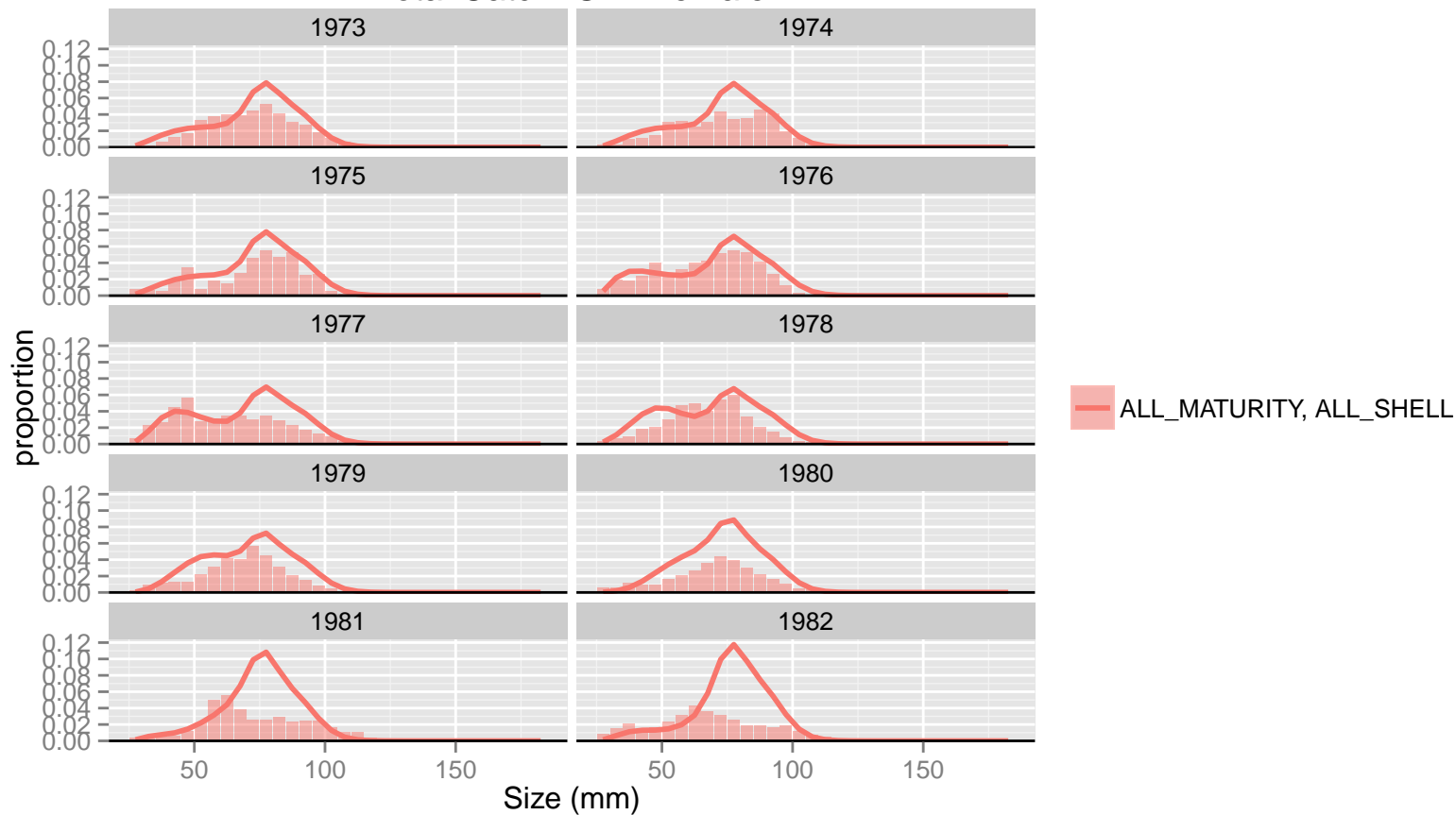
Total Catch: RKF



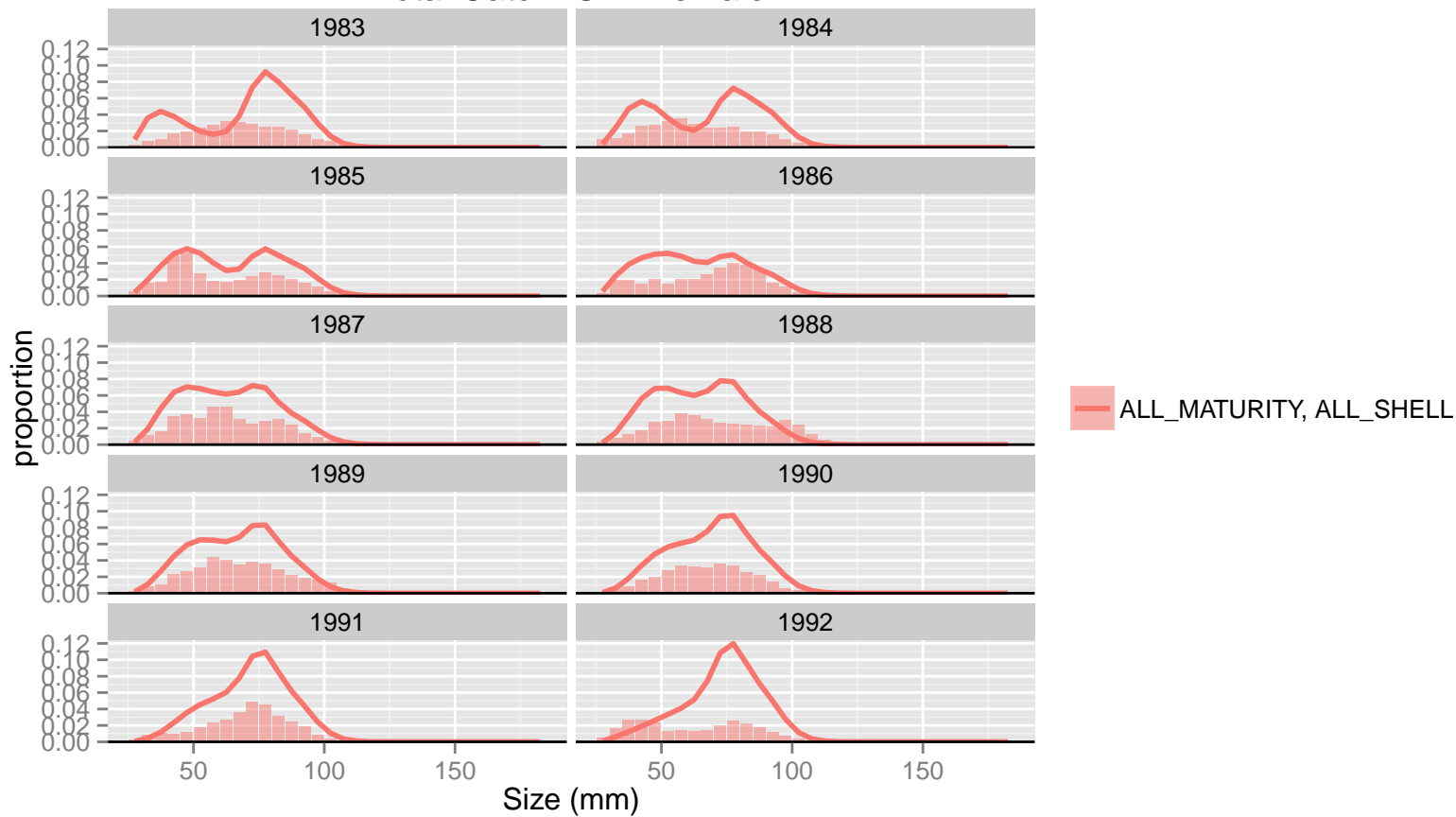




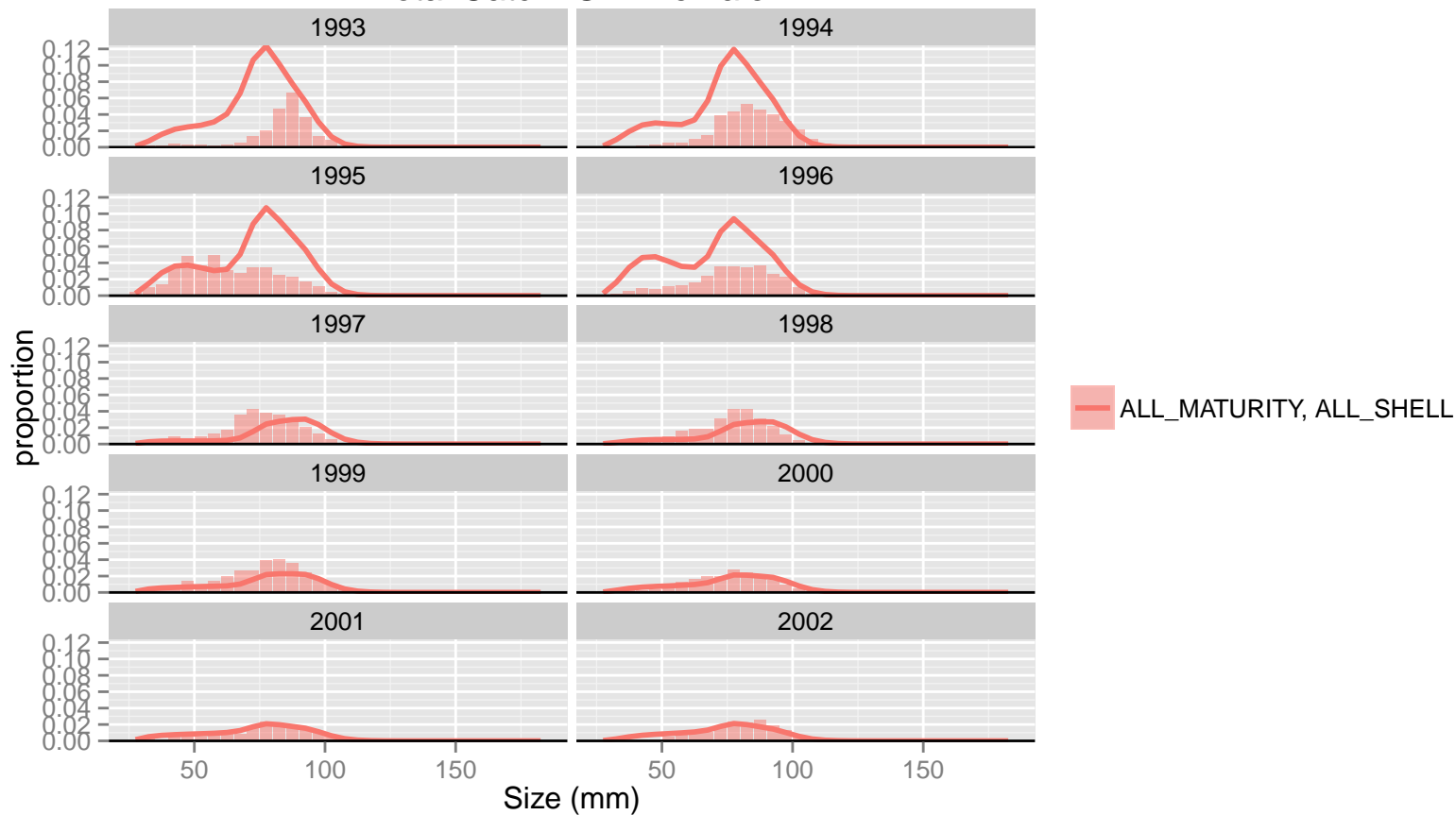
Total Catch: GTF: female



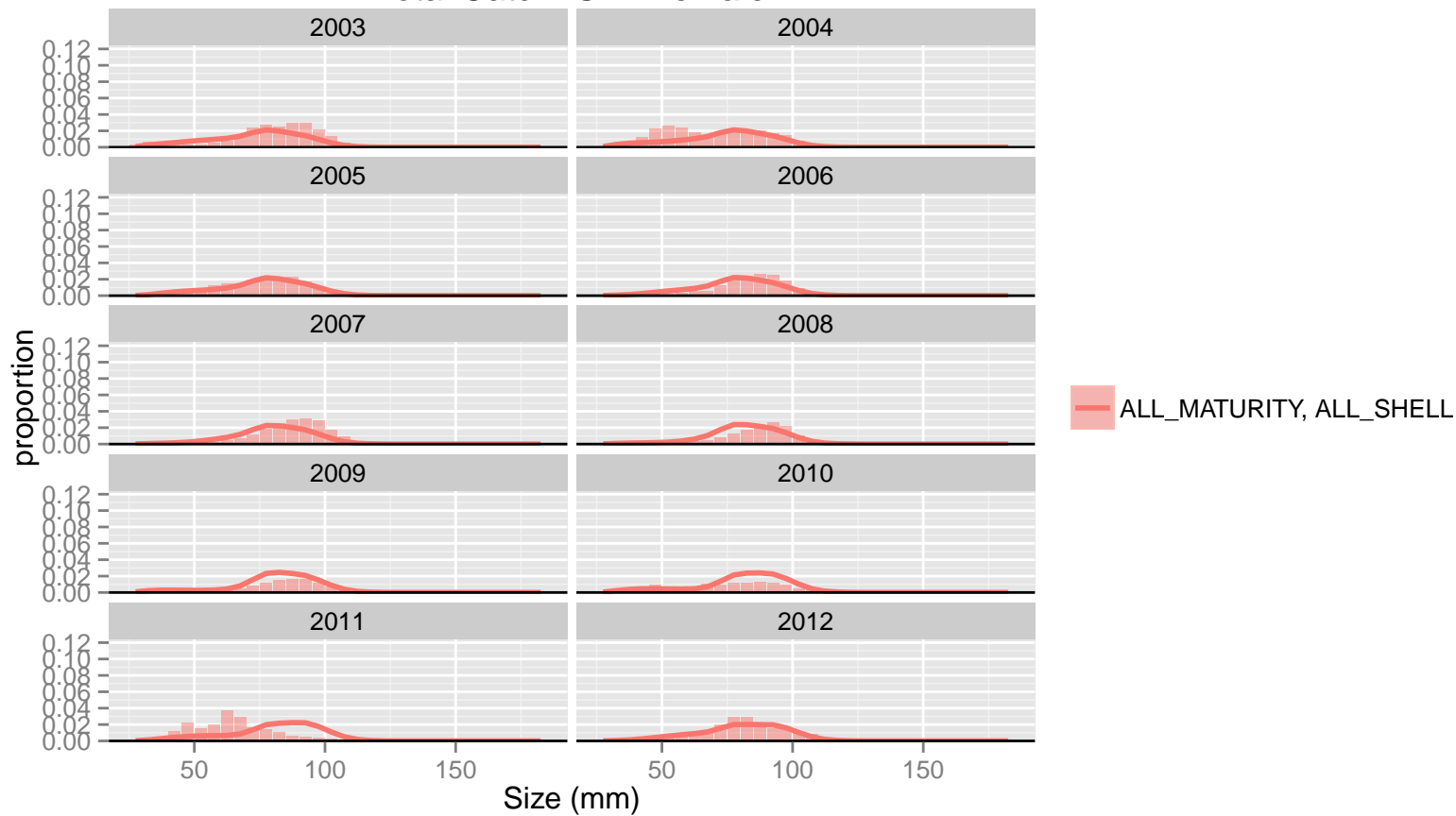
Total Catch: GTF: female



Total Catch: GTF: female



Total Catch: GTF: female



Total Catch: GTF: female

2013

proportion

0.12
0.10
0.08
0.06
0.04
0.02
0.00

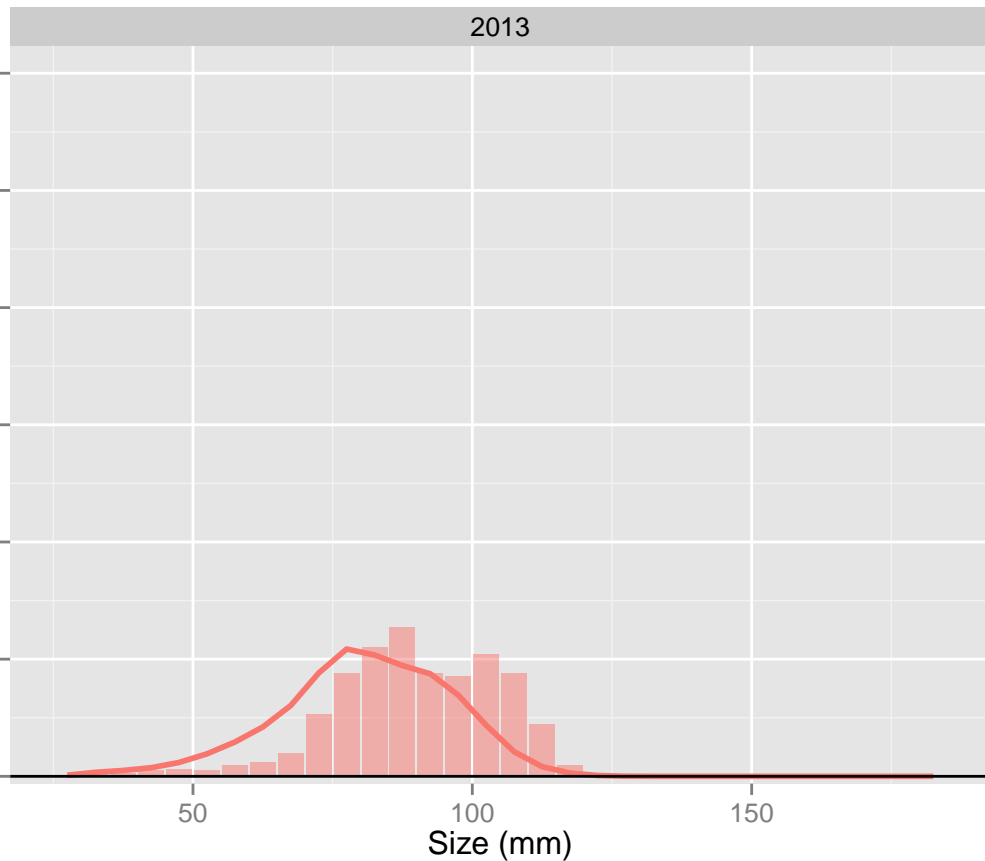
50

Size (mm)

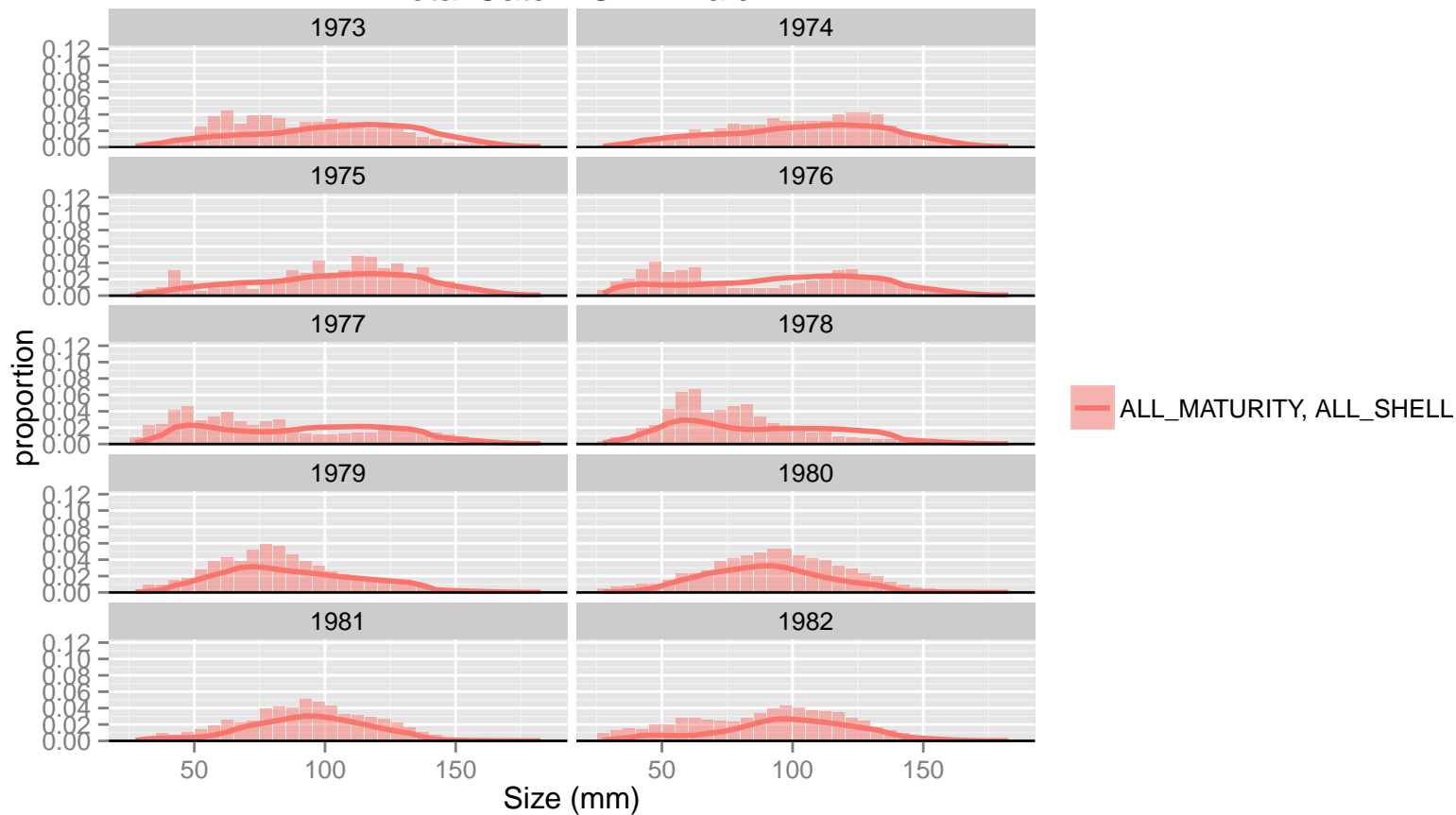
100

150

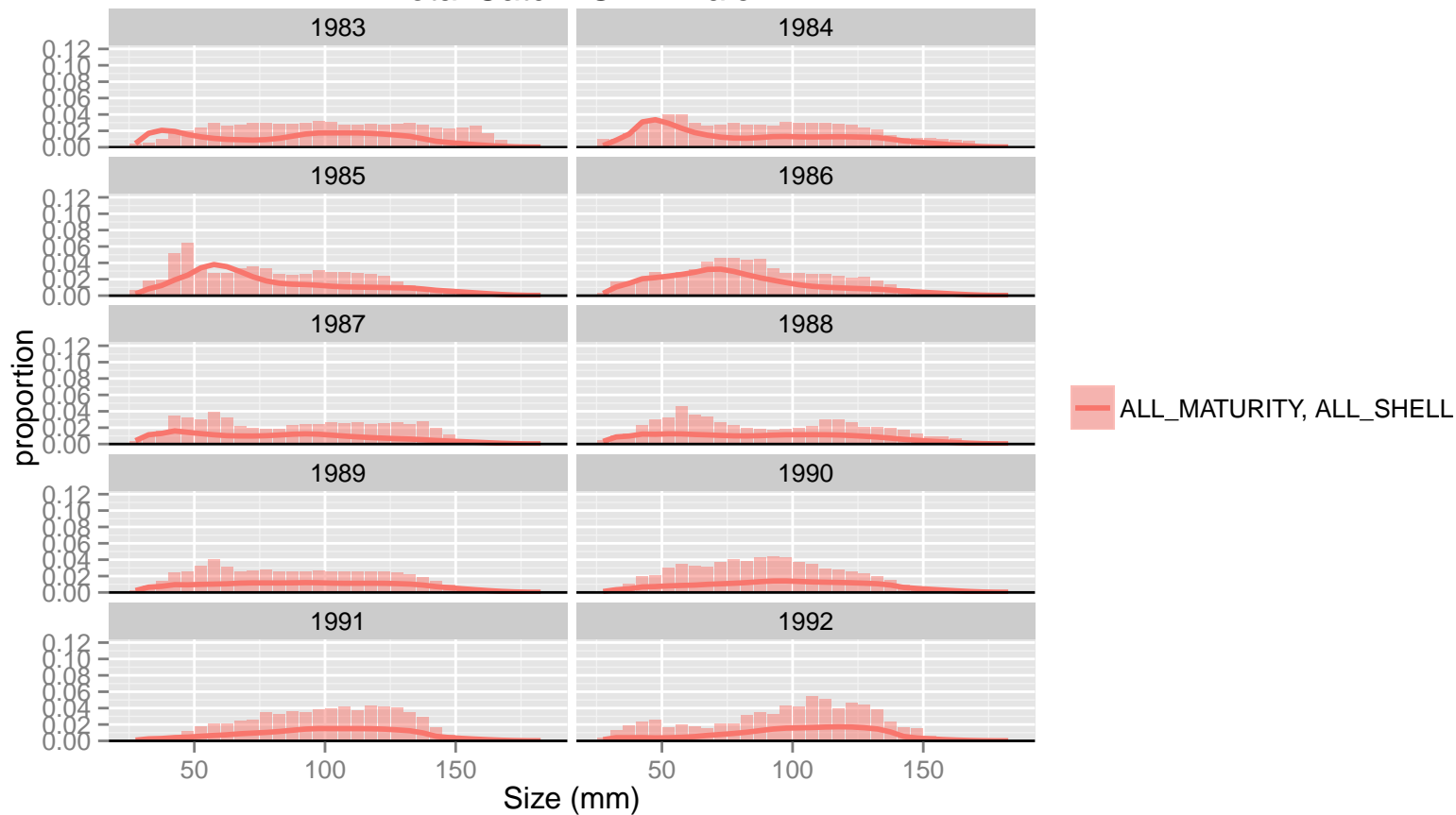
ALL_MATURITY, ALL_SHELL



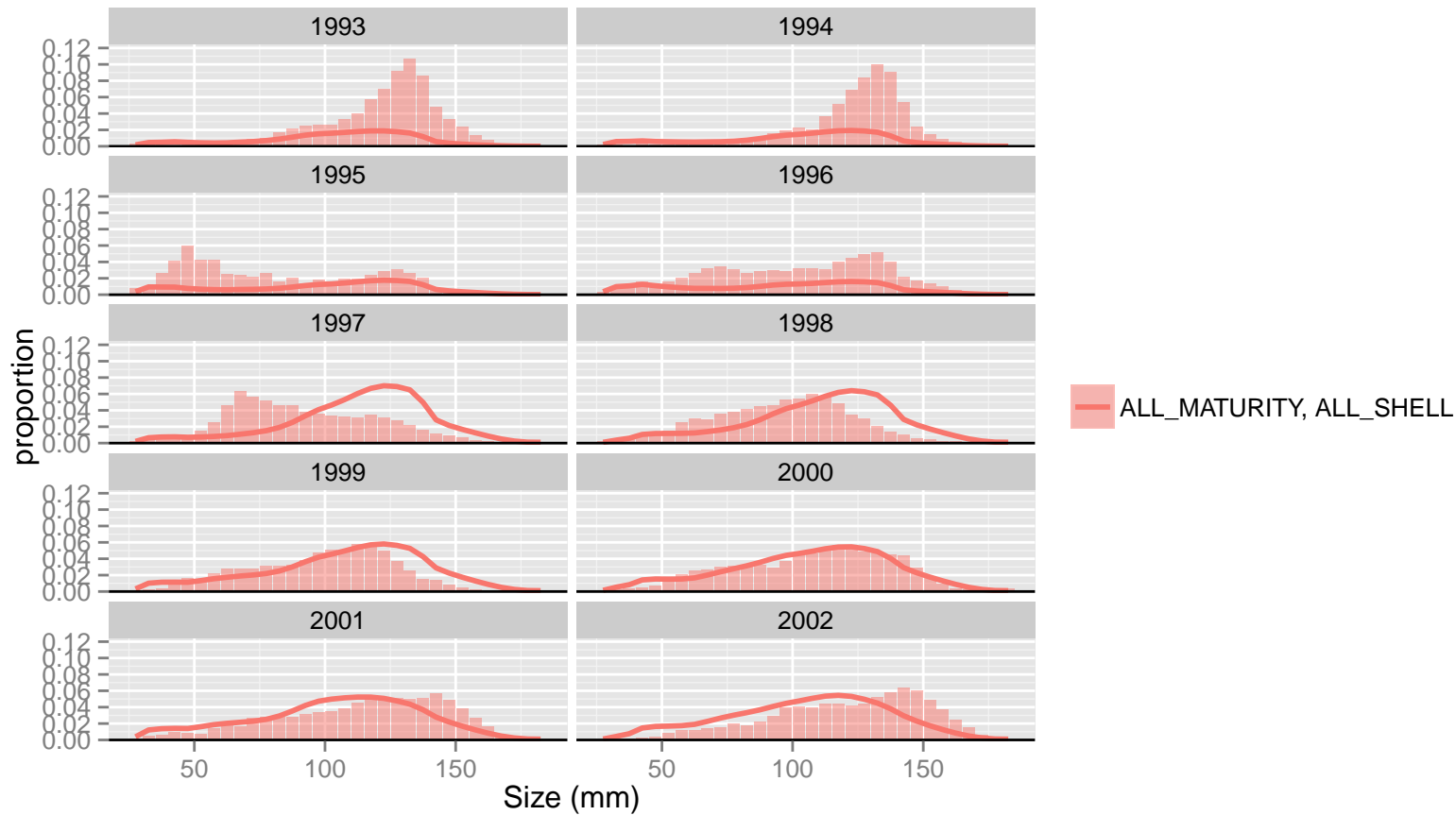
Total Catch: GTF: male



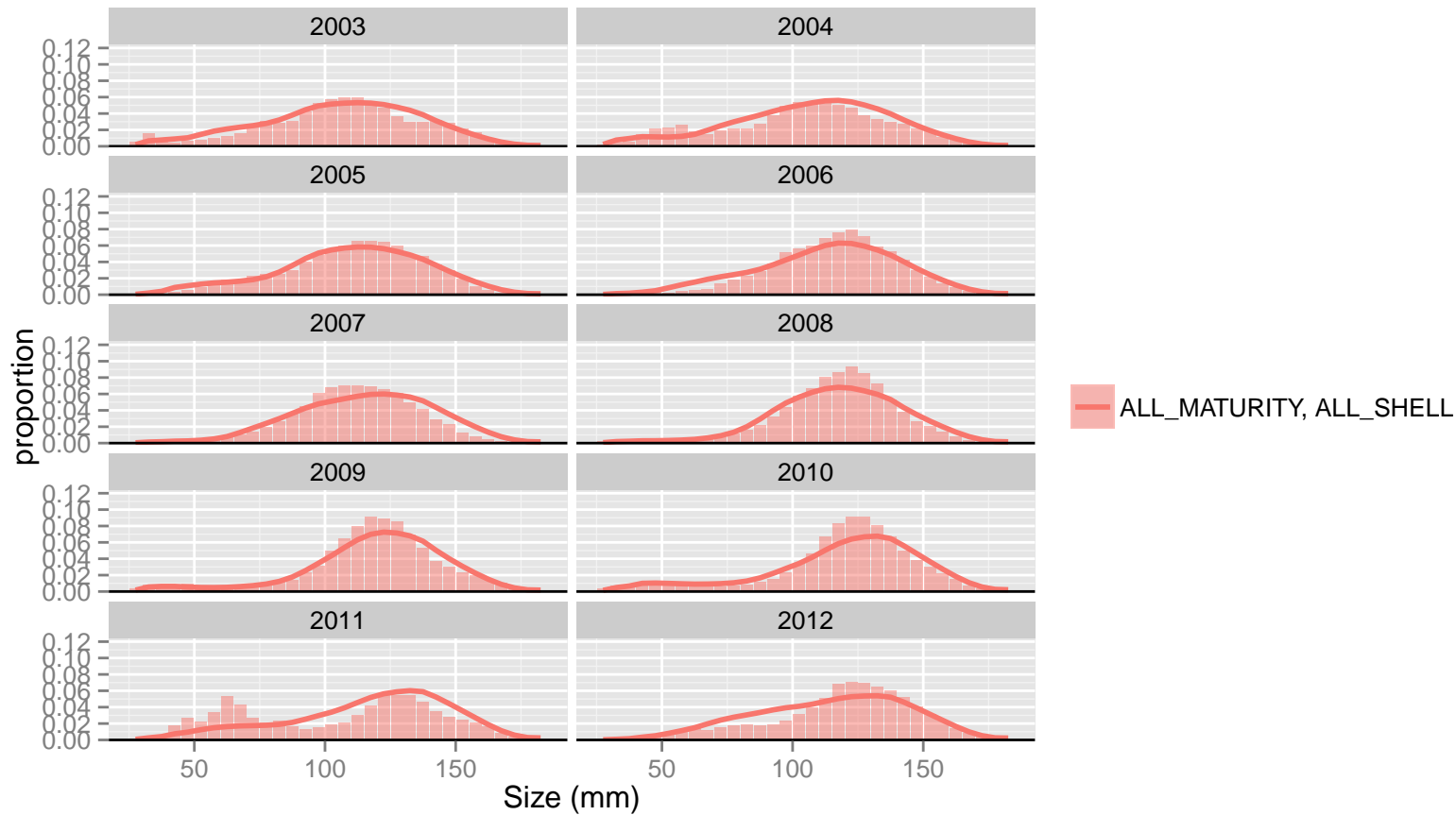
Total Catch: GTF: male



Total Catch: GTF: male

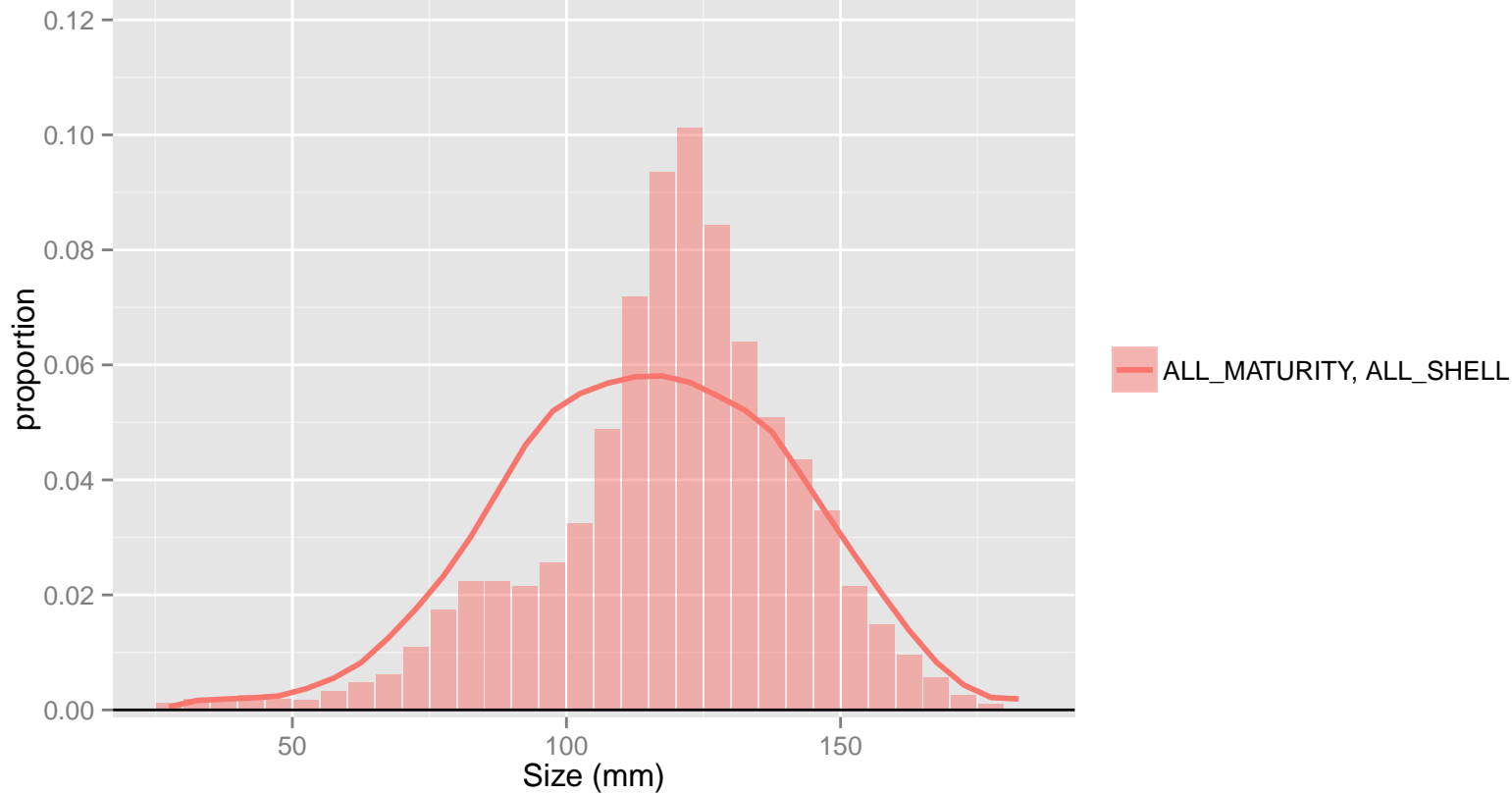


Total Catch: GTF: male

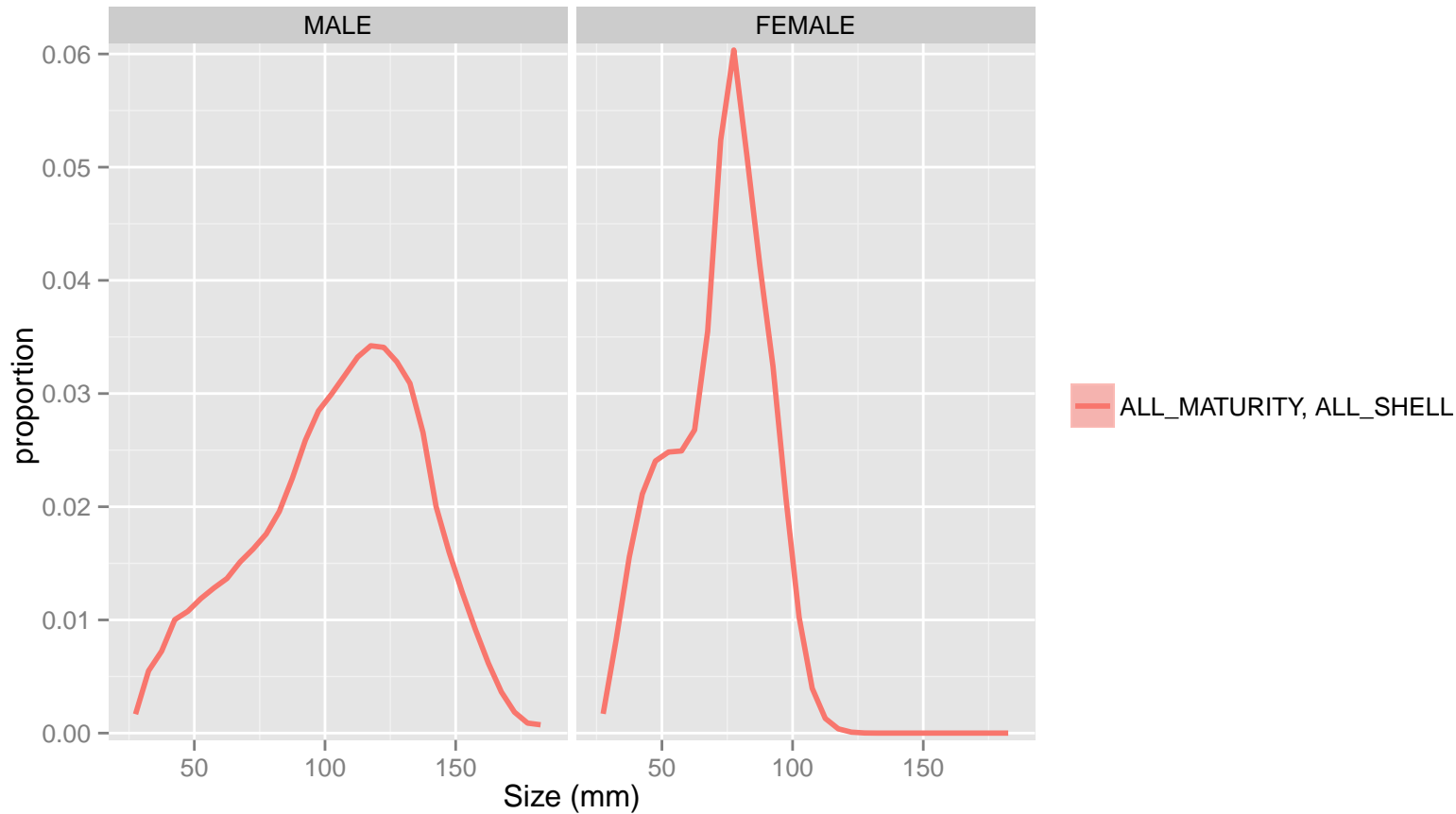


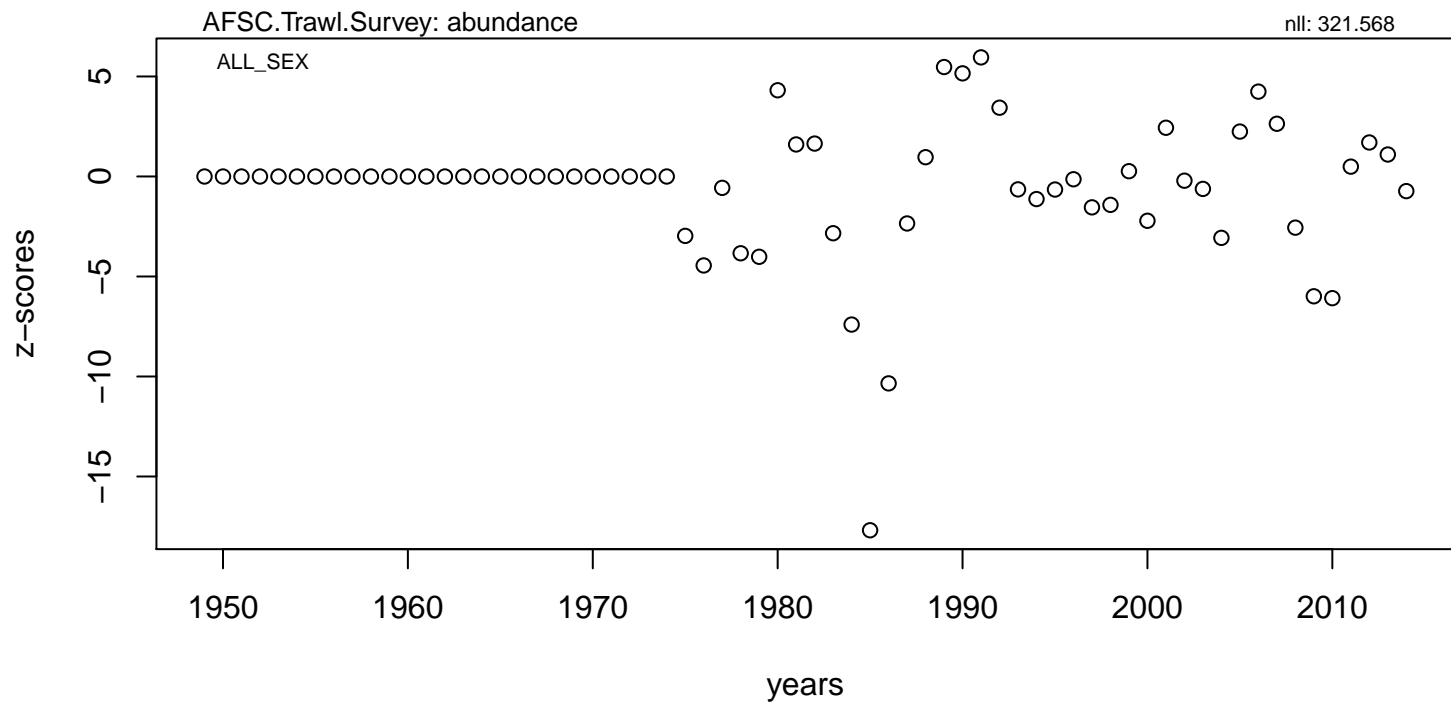
Total Catch: GTF: male

2013



Total Catch: GTF

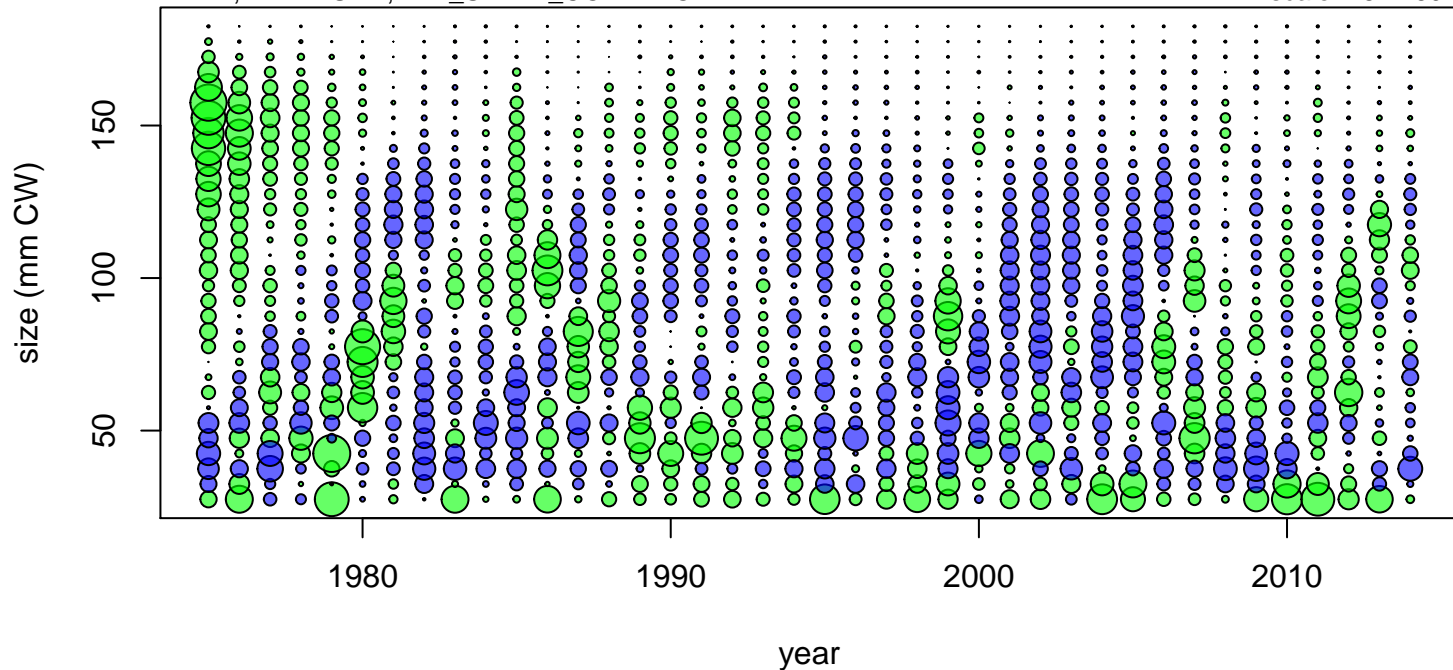




AFSC.Trawl.Survey

MALE, IMMATURE, ALL_SHELL_CONDITION

scale = 8.24697

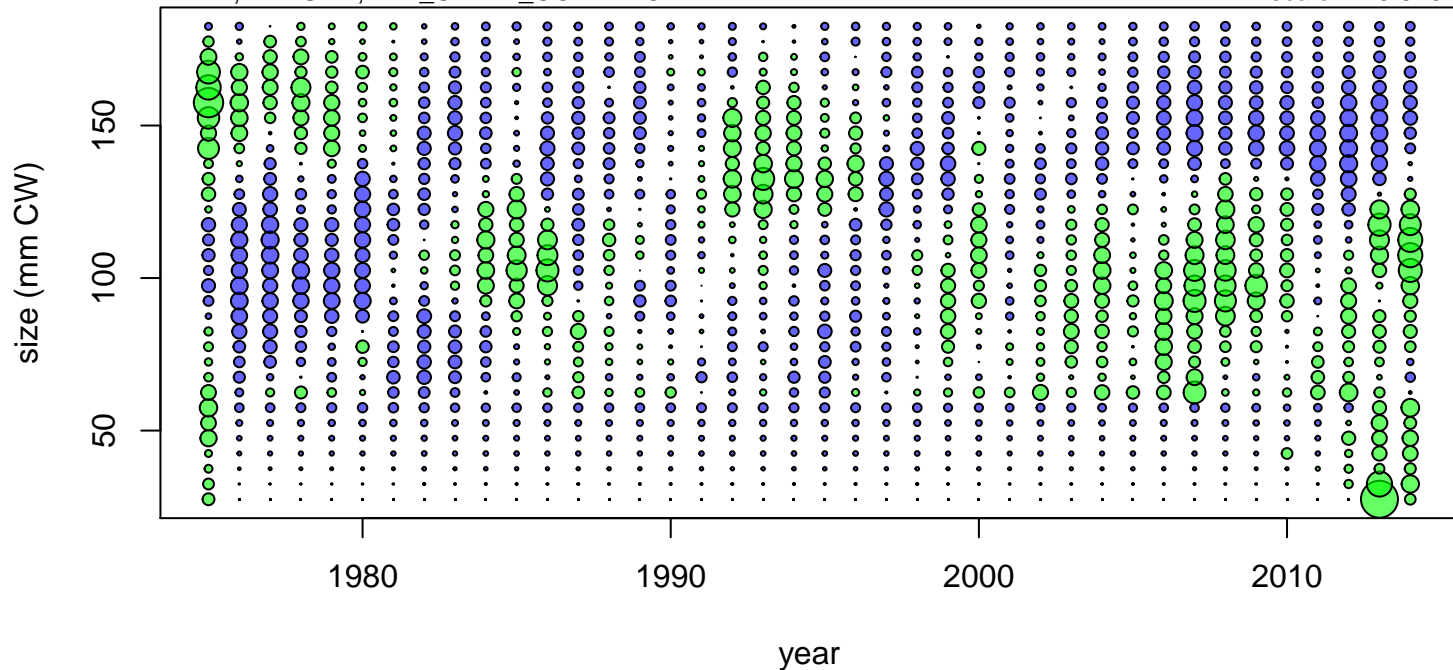


Pearson's residuals

AFSC.Trawl.Survey

MALE, MATURE, ALL_SHELL_CONDITION

scale = 13.5792

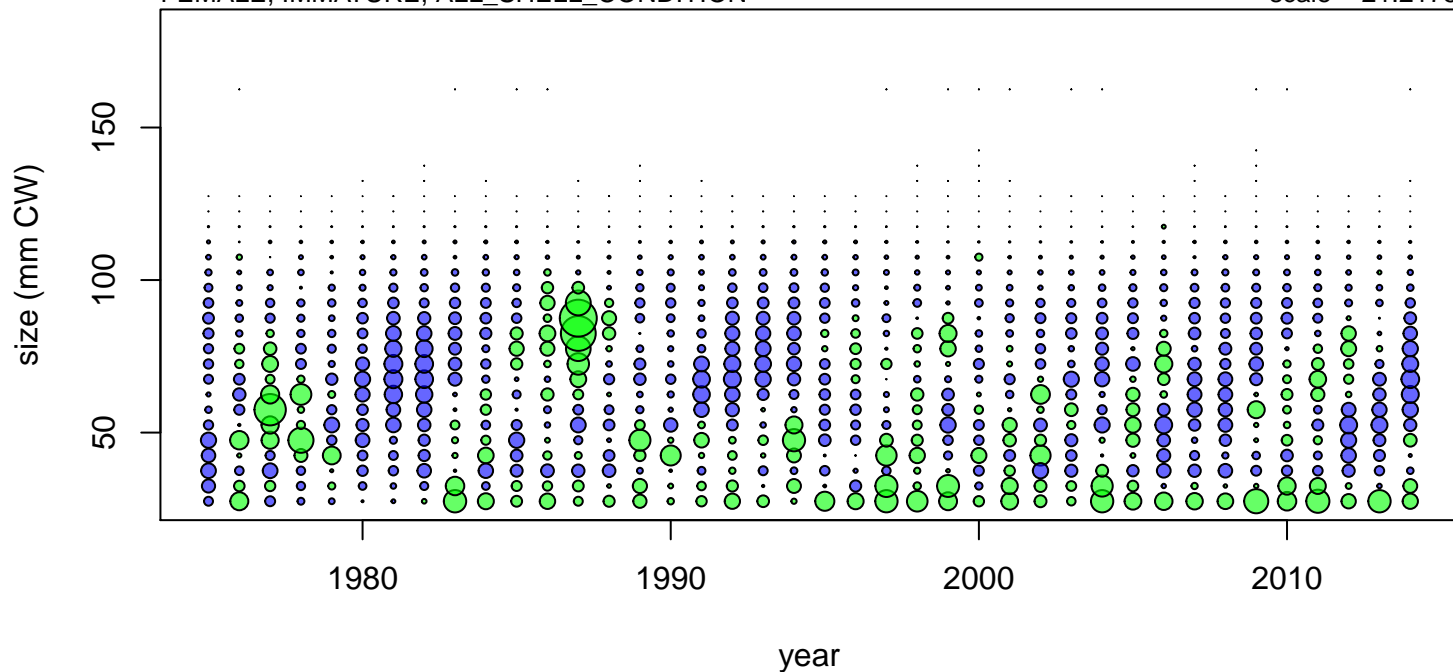


Pearson's residuals

AFSC.Trawl.Survey

FEMALE, IMMATURE, ALL_SHELL_CONDITION

scale = 21.2175

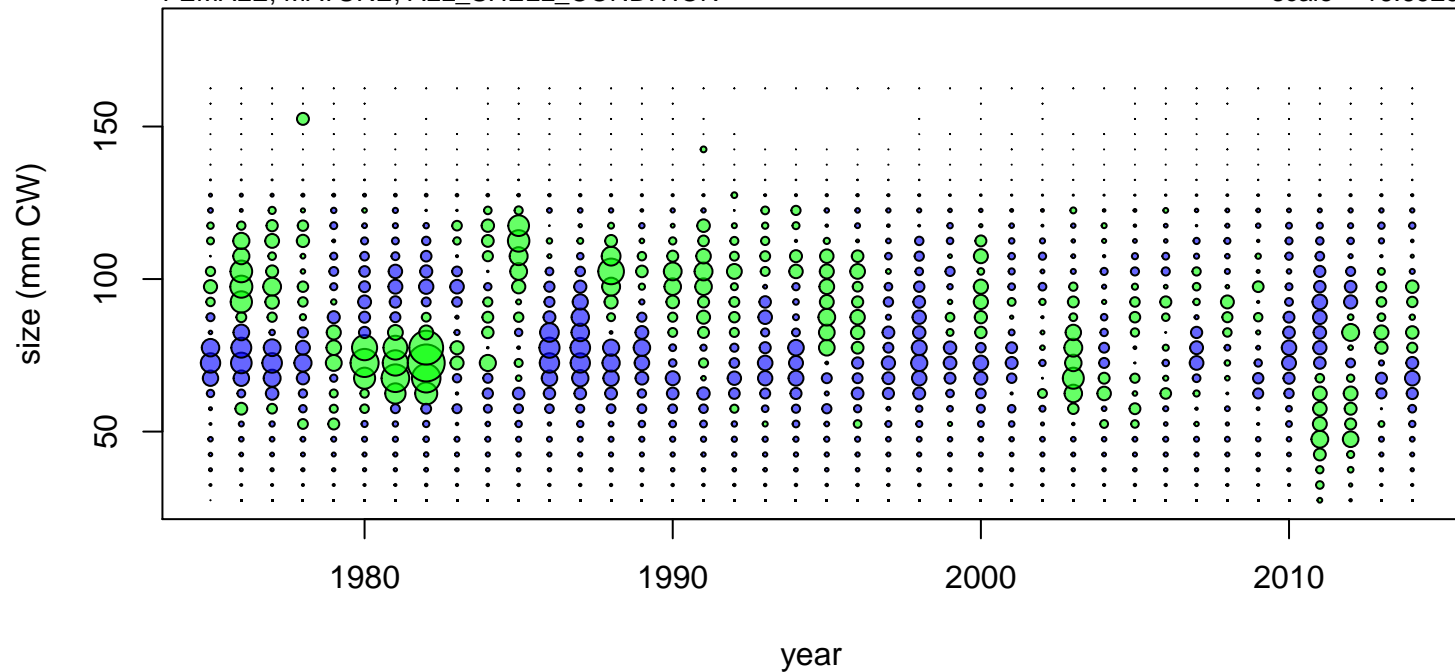


Pearson's residuals

AFSC.Trawl.Survey

FEMALE, MATURE, ALL_SHELL_CONDITION

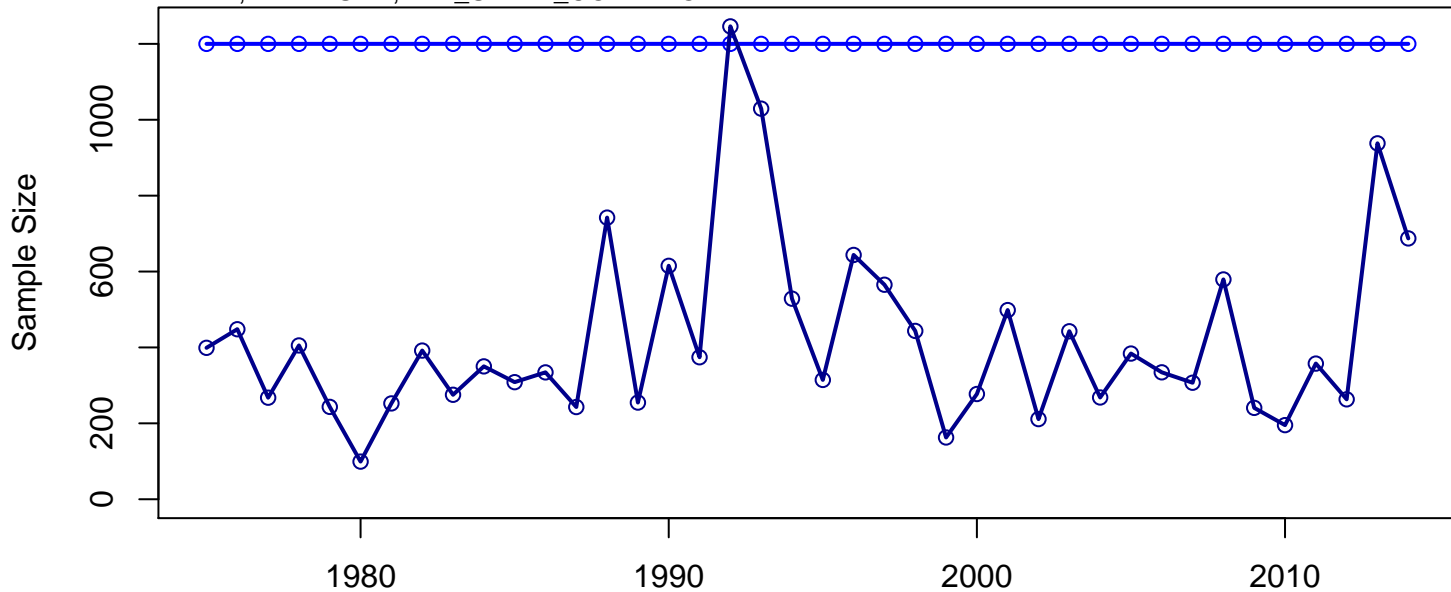
scale = 16.6929



Pearson's residuals

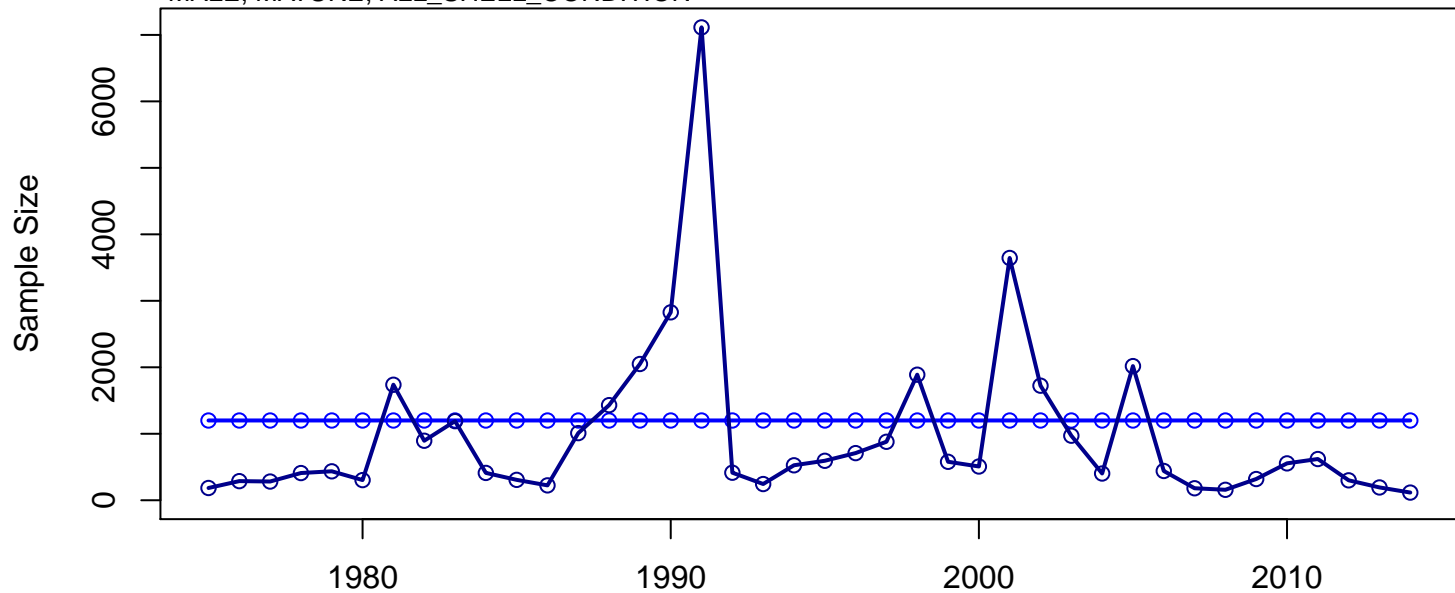
AFSC.Trawl.Survey

MALE, IMMATURE, ALL_SHELL_CONDITION



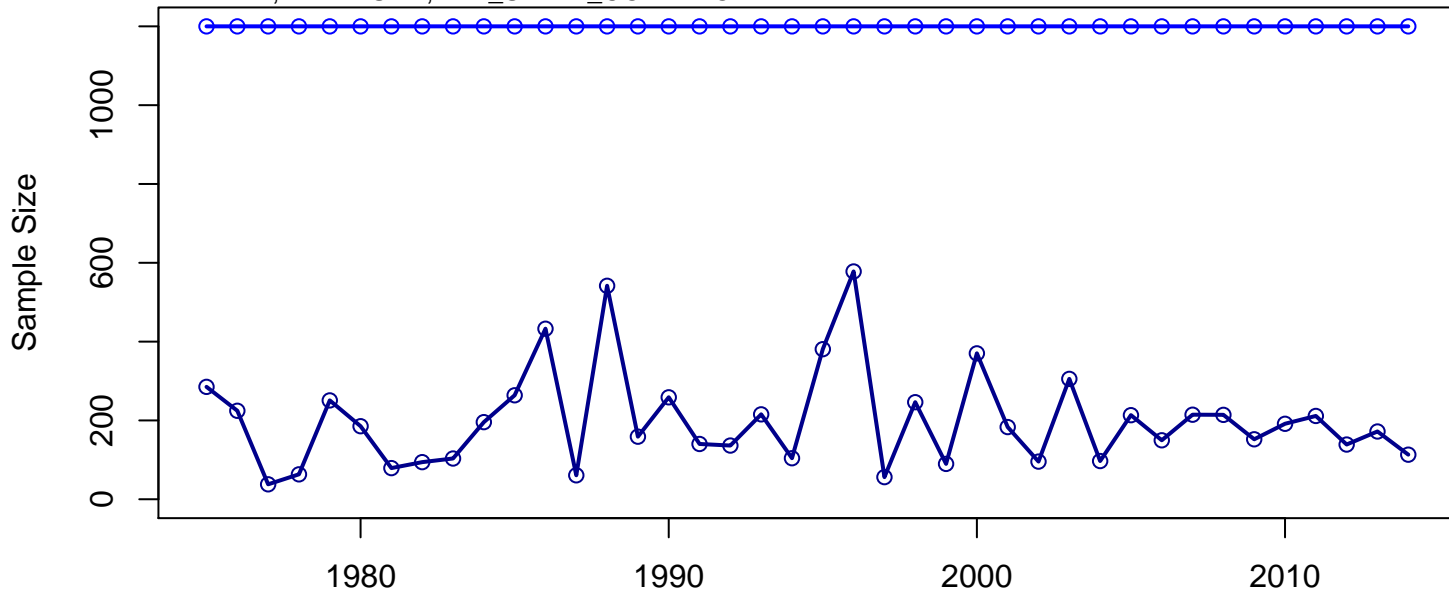
AFSC.Trawl.Survey

MALE, MATURE, ALL_SHELL_CONDITION



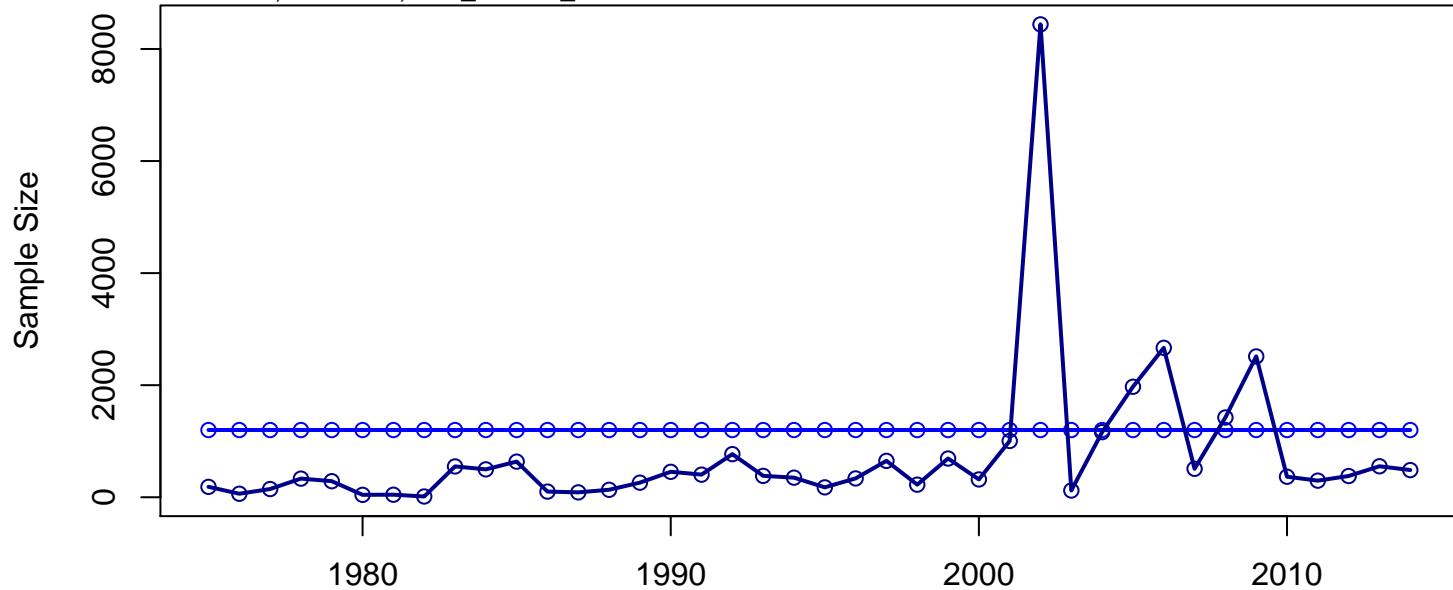
AFSC.Trawl.Survey

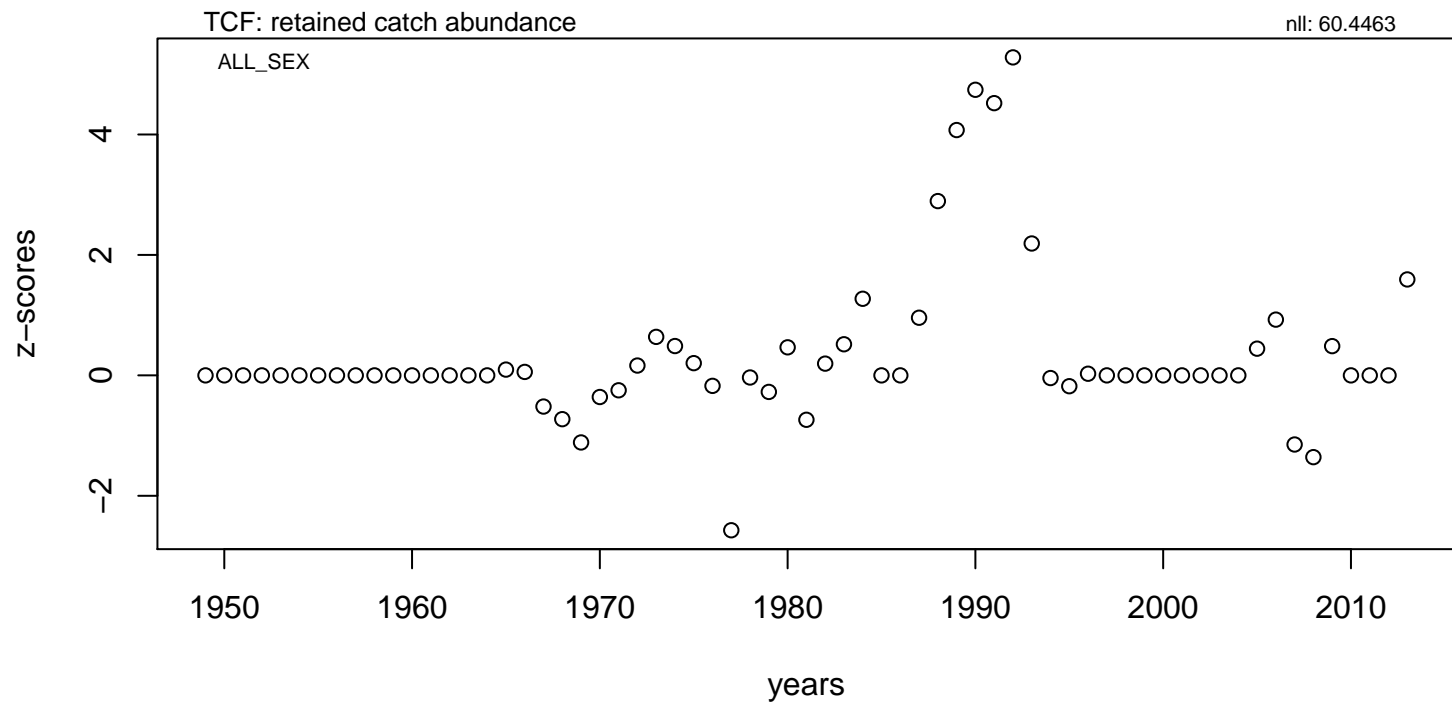
FEMALE, IMMATURE, ALL_SHELL_CONDITION

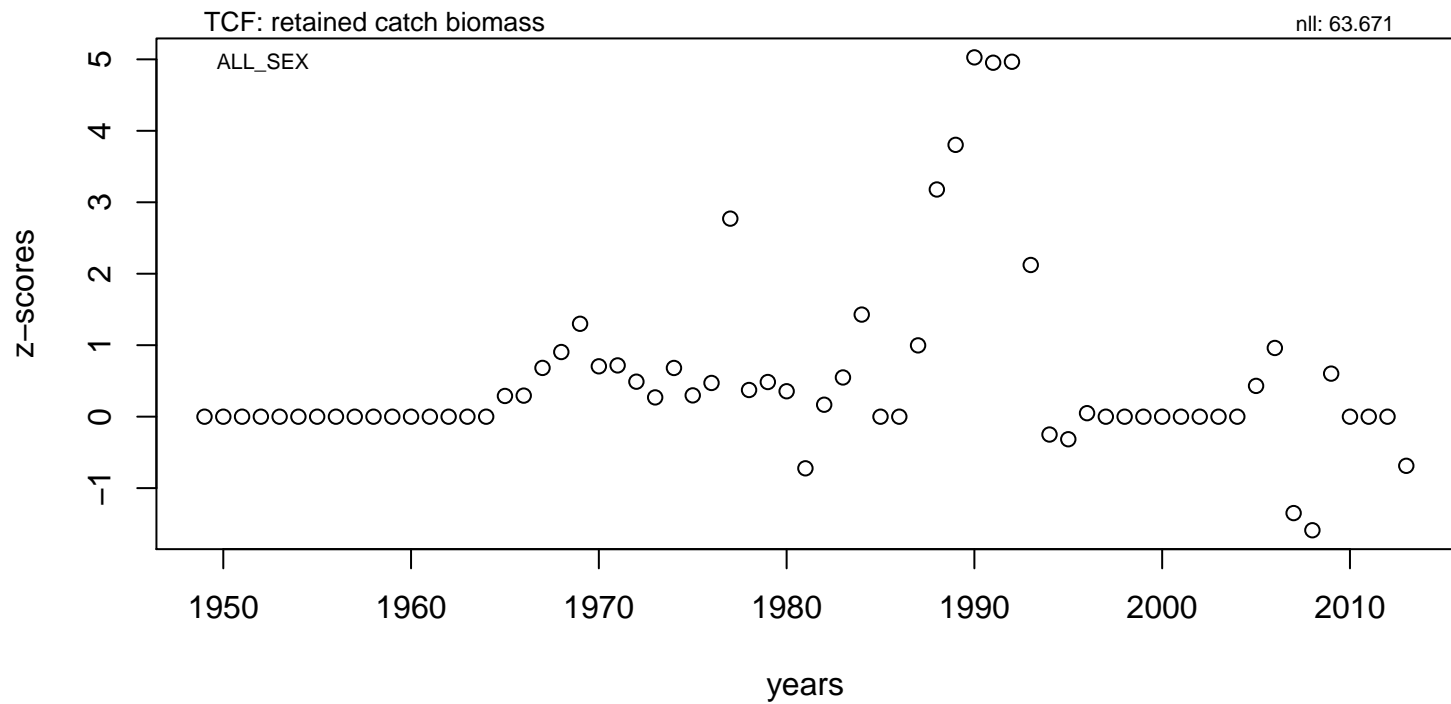


AFSC.Trawl.Survey

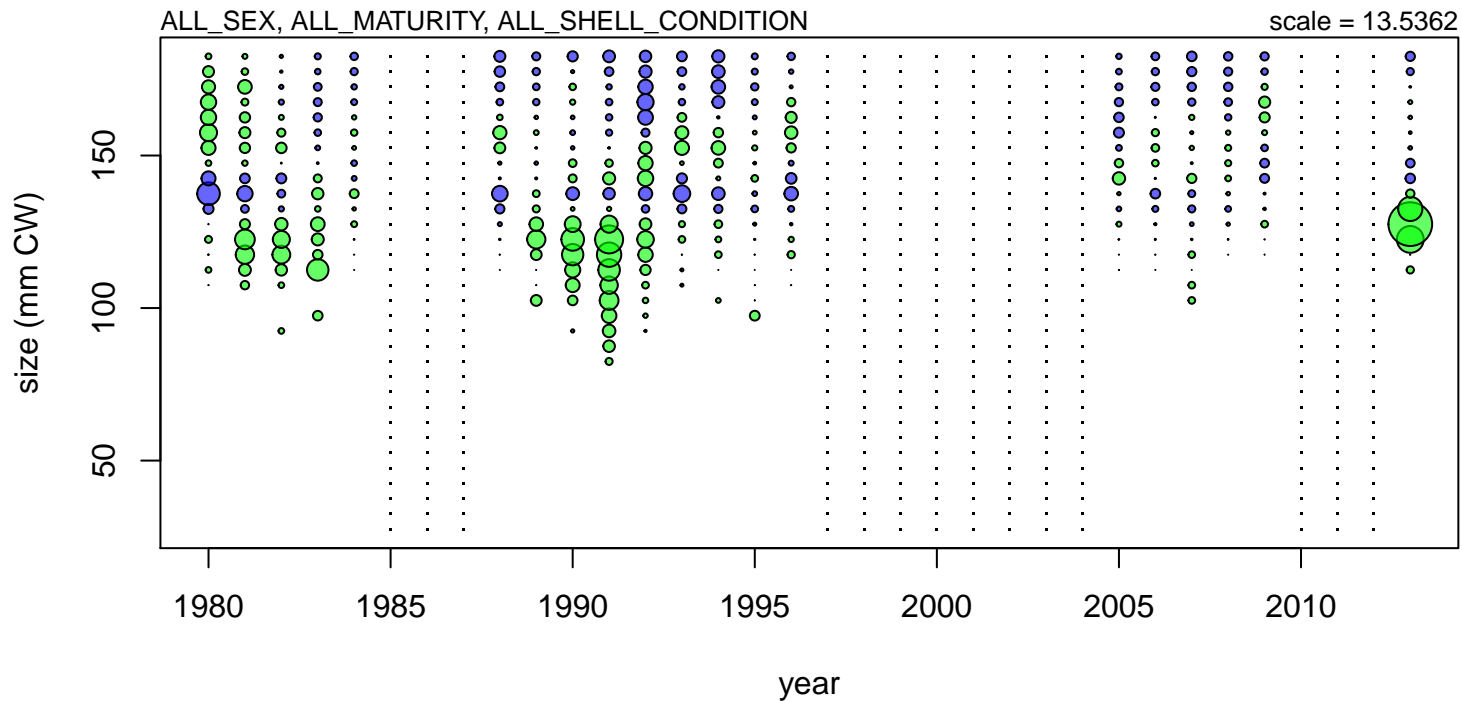
FEMALE, MATURE, ALL_SHELL_CONDITION

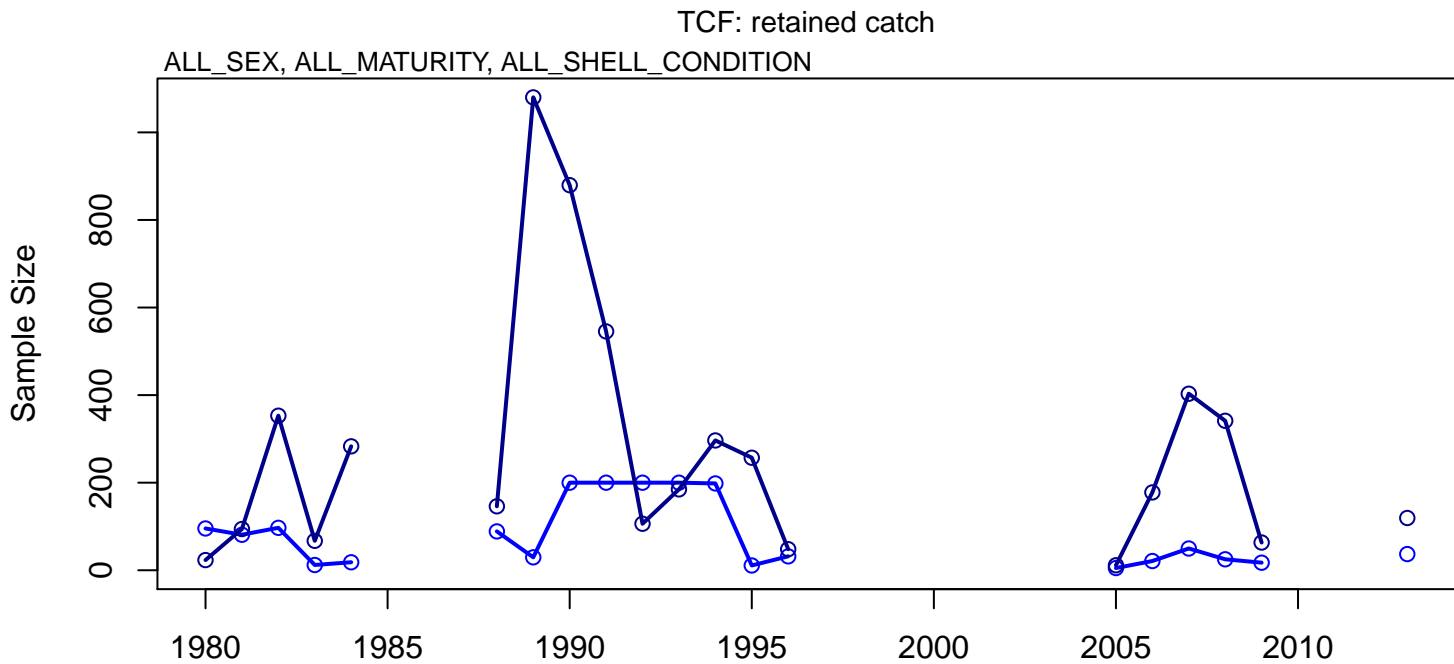


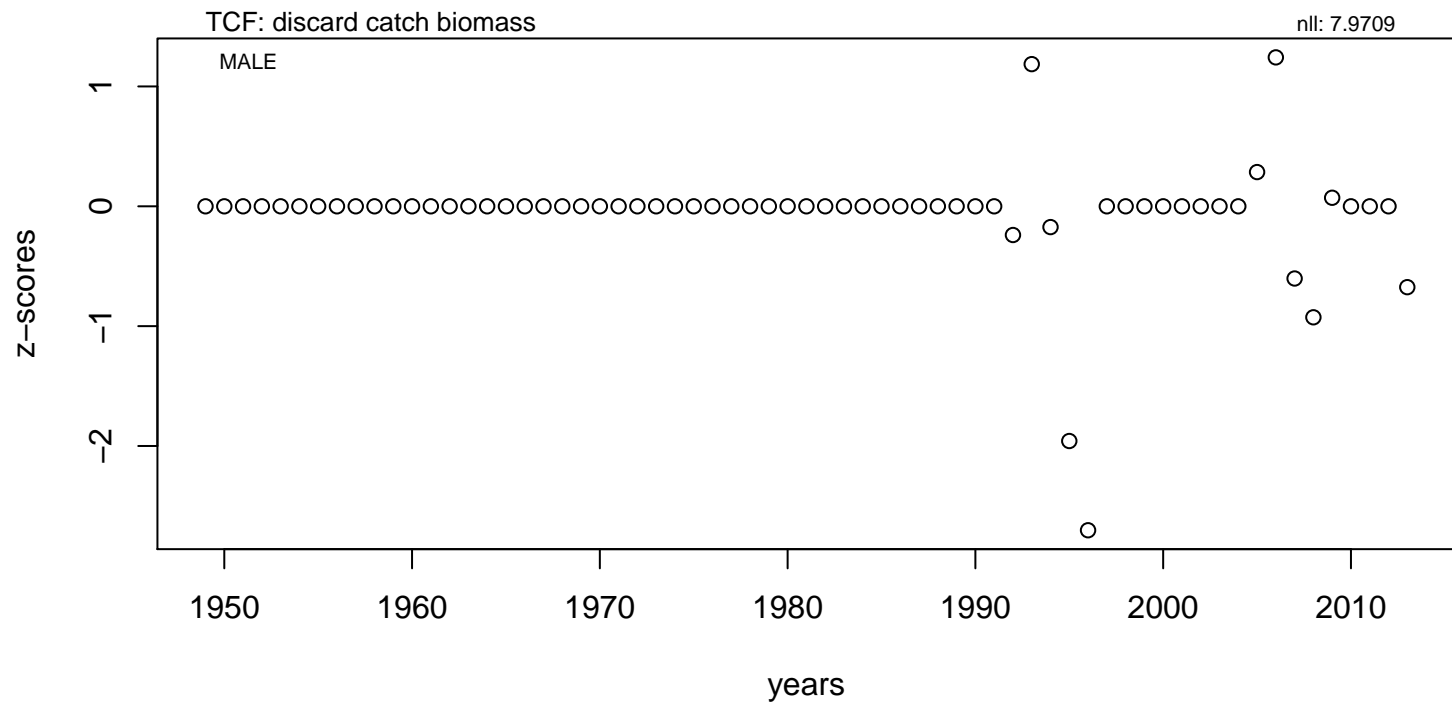


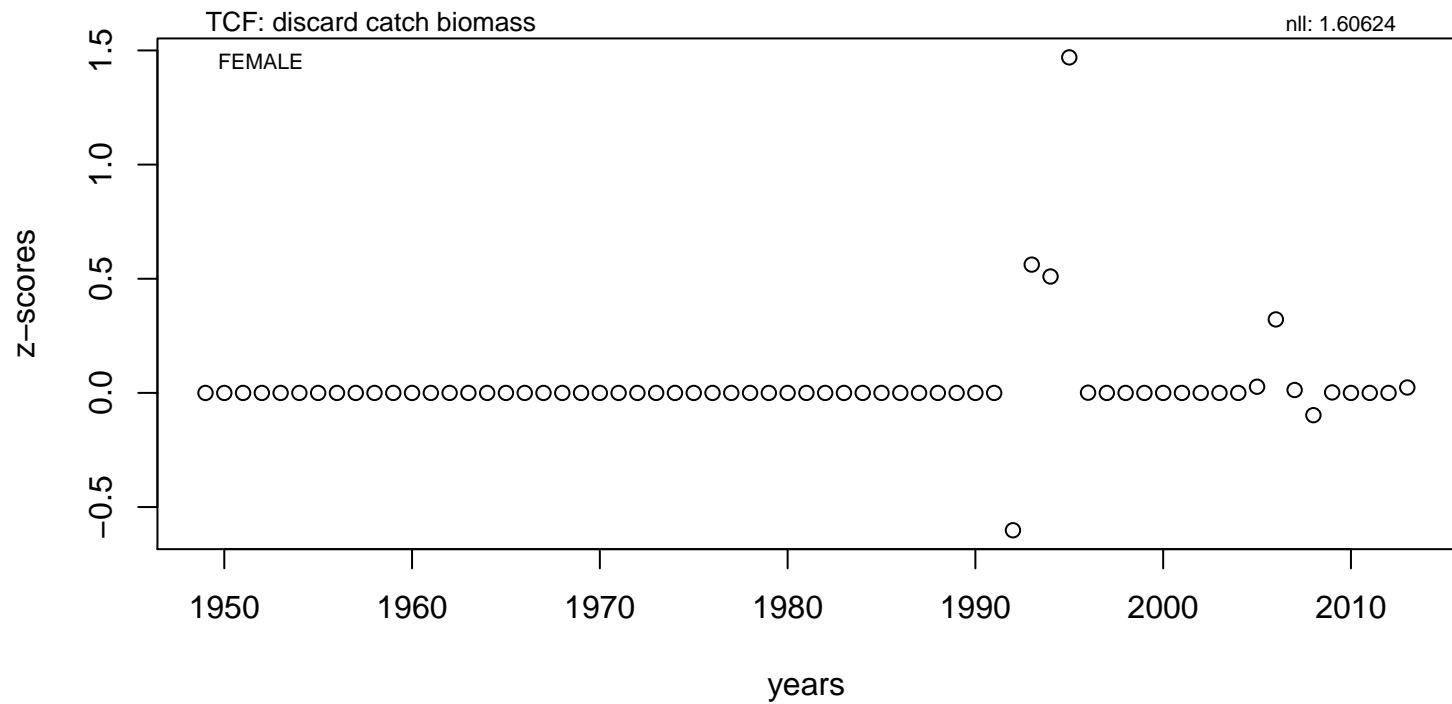


TCF: retained catch





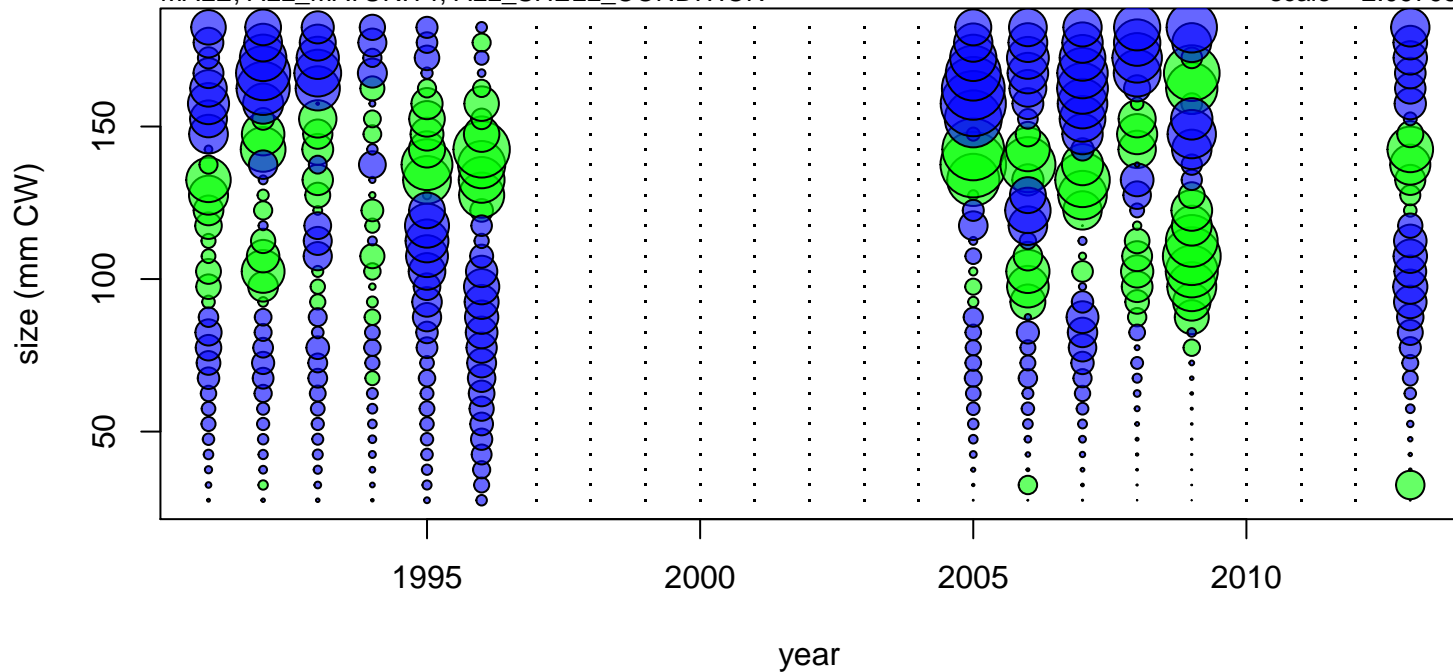




TCF: total catch

MALE, ALL_MATURITY, ALL_SHELL_CONDITION

scale = 2.09795

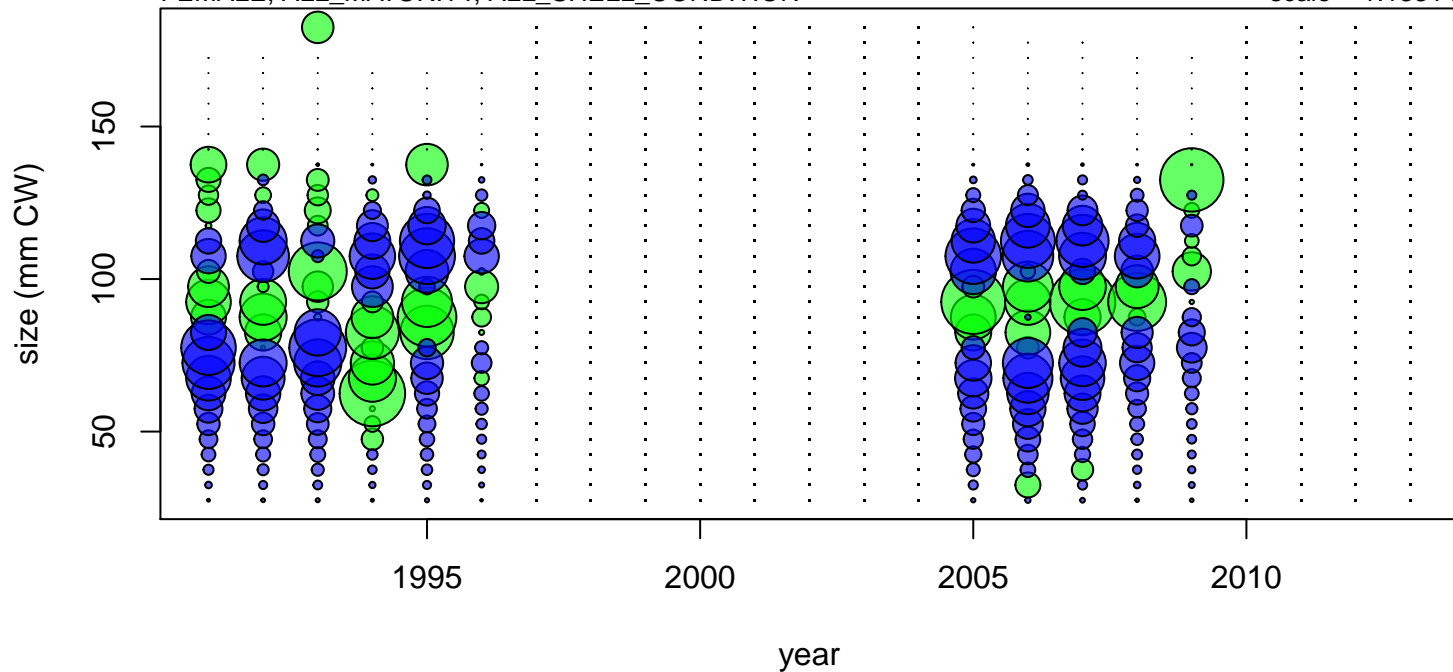


Pearson's residuals

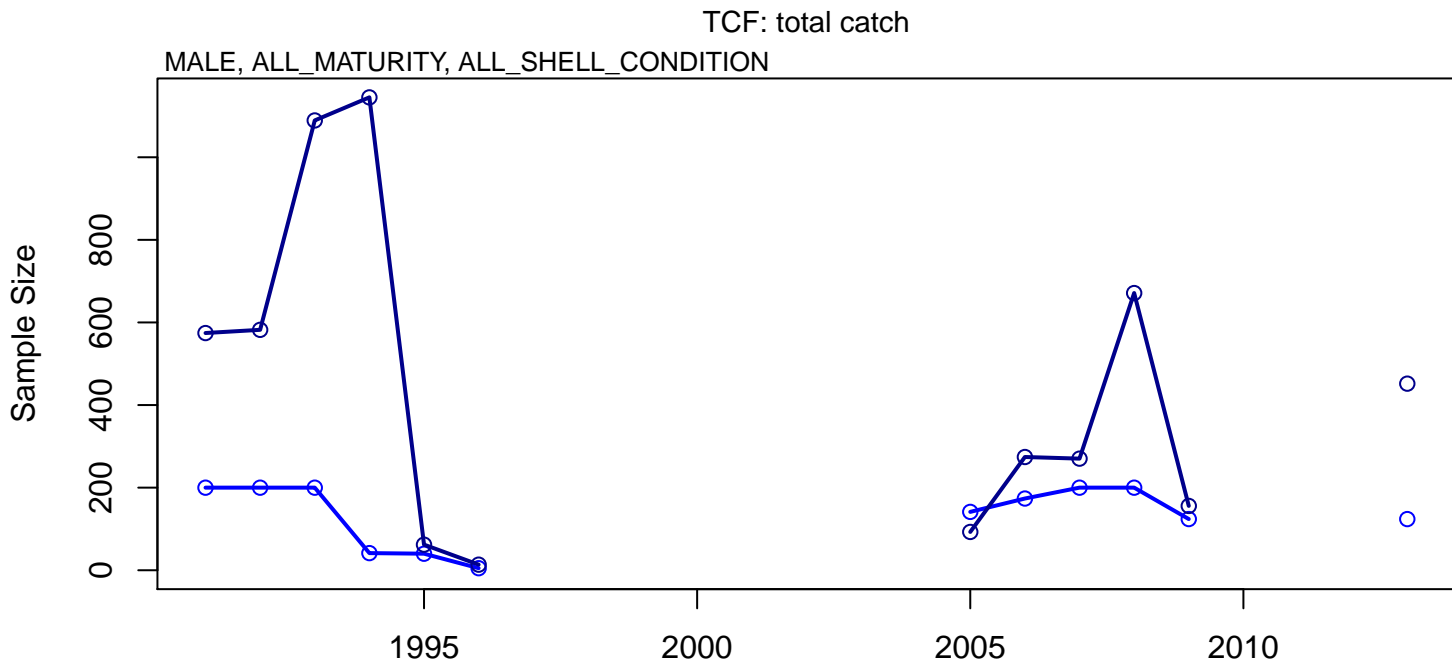
TCF: total catch

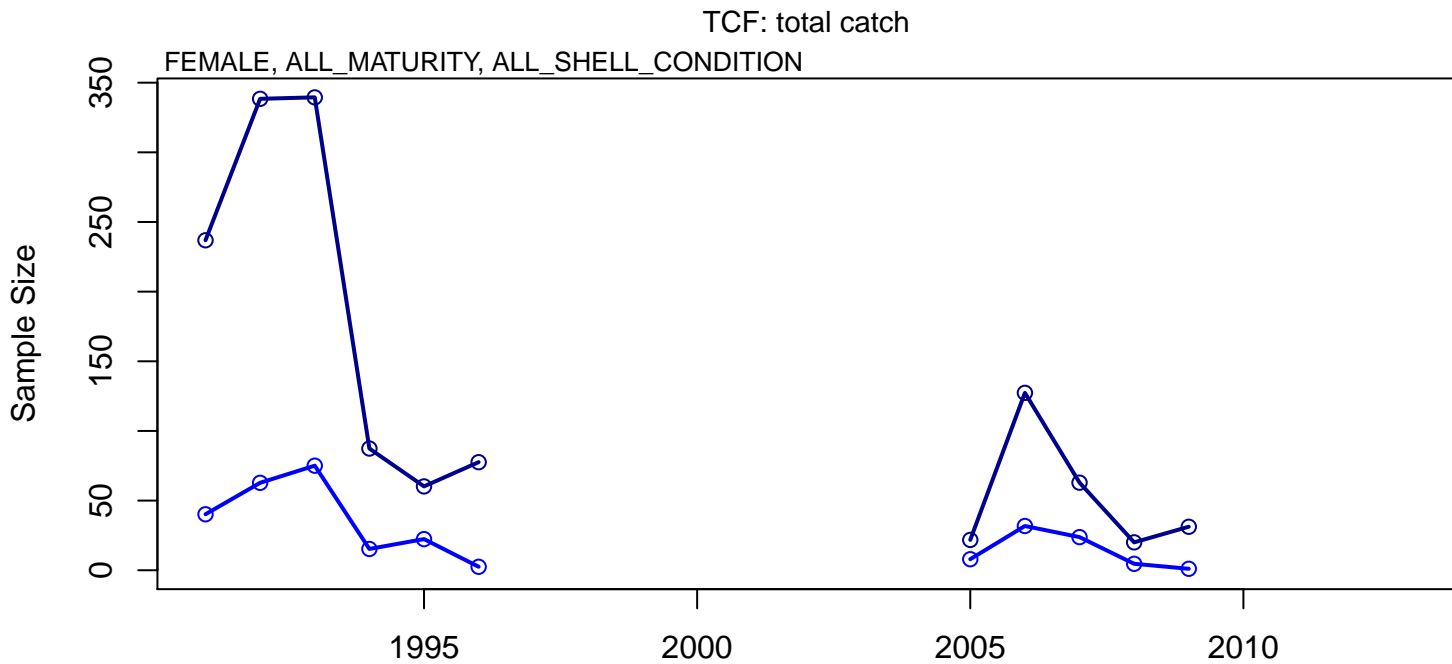
FEMALE, ALL_MATURITY, ALL_SHELL_CONDITION

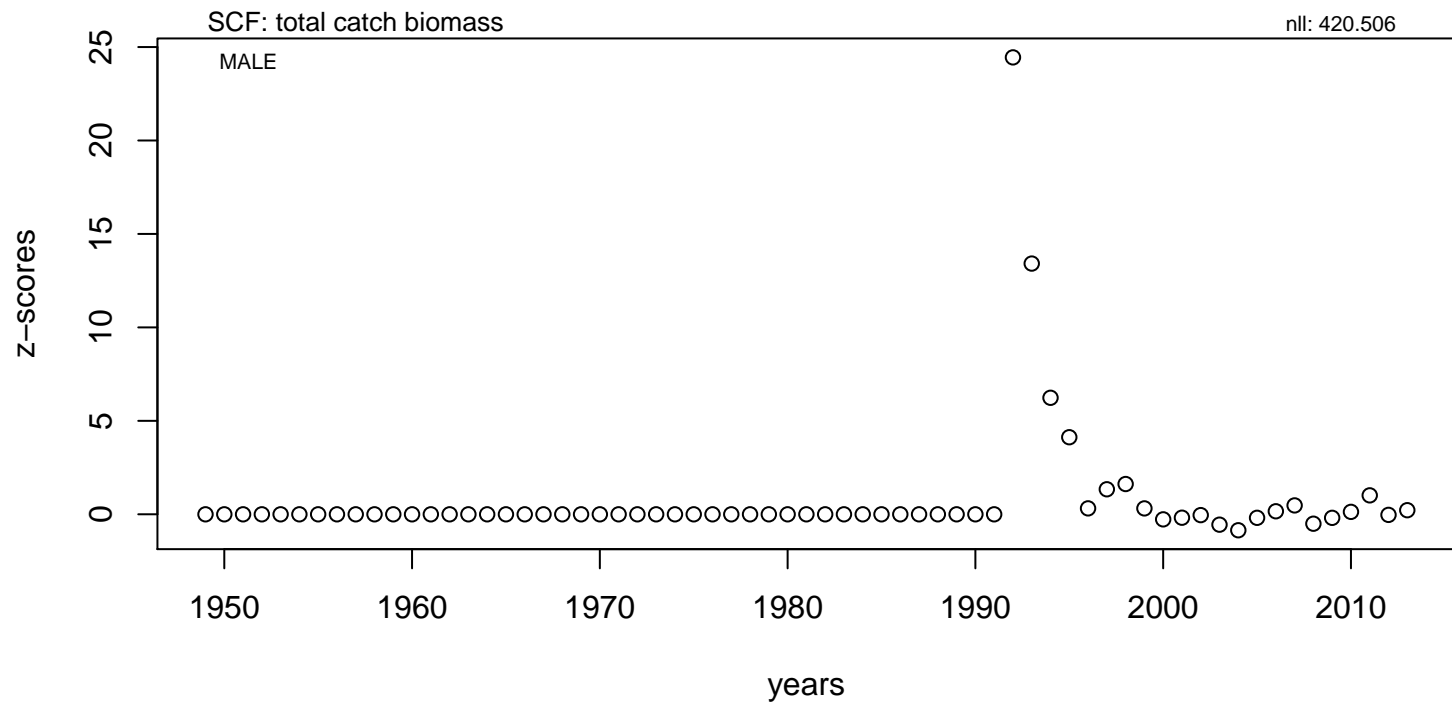
scale = 1.13314

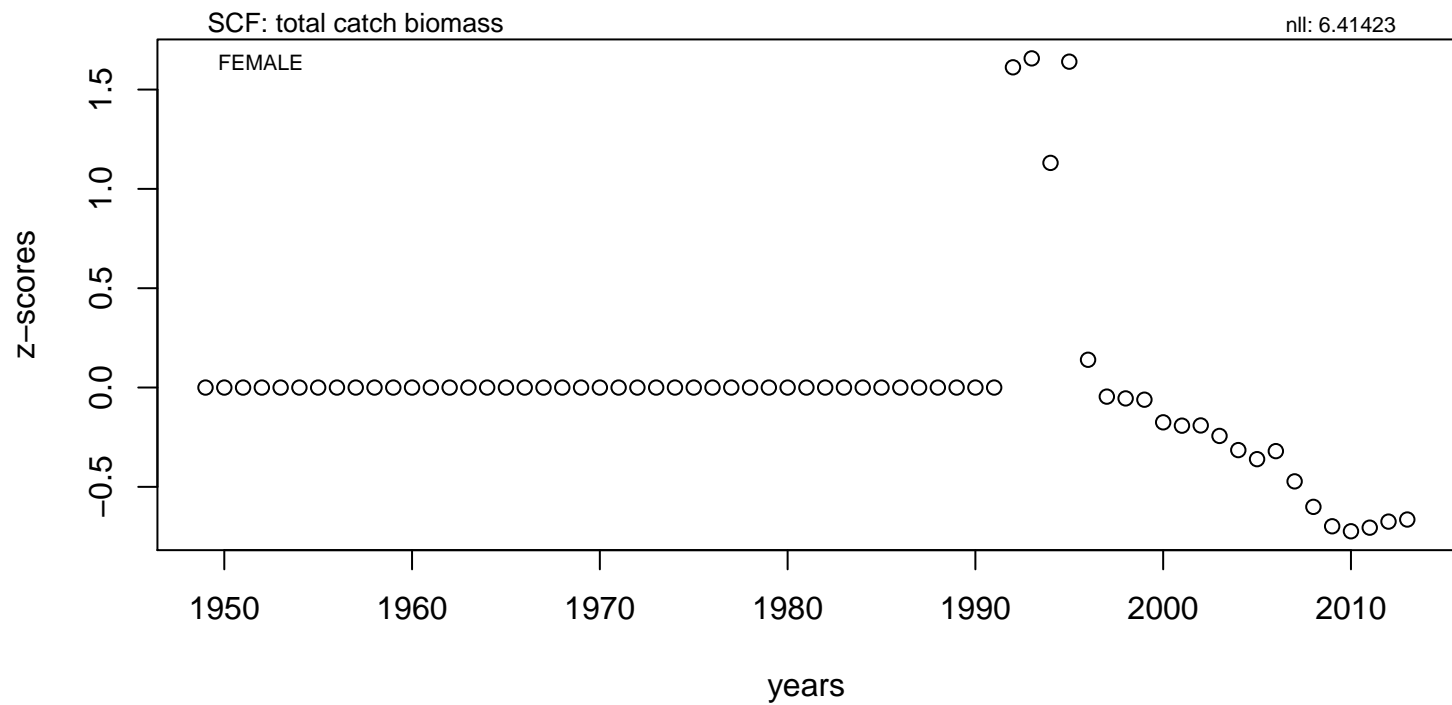


Pearson's residuals





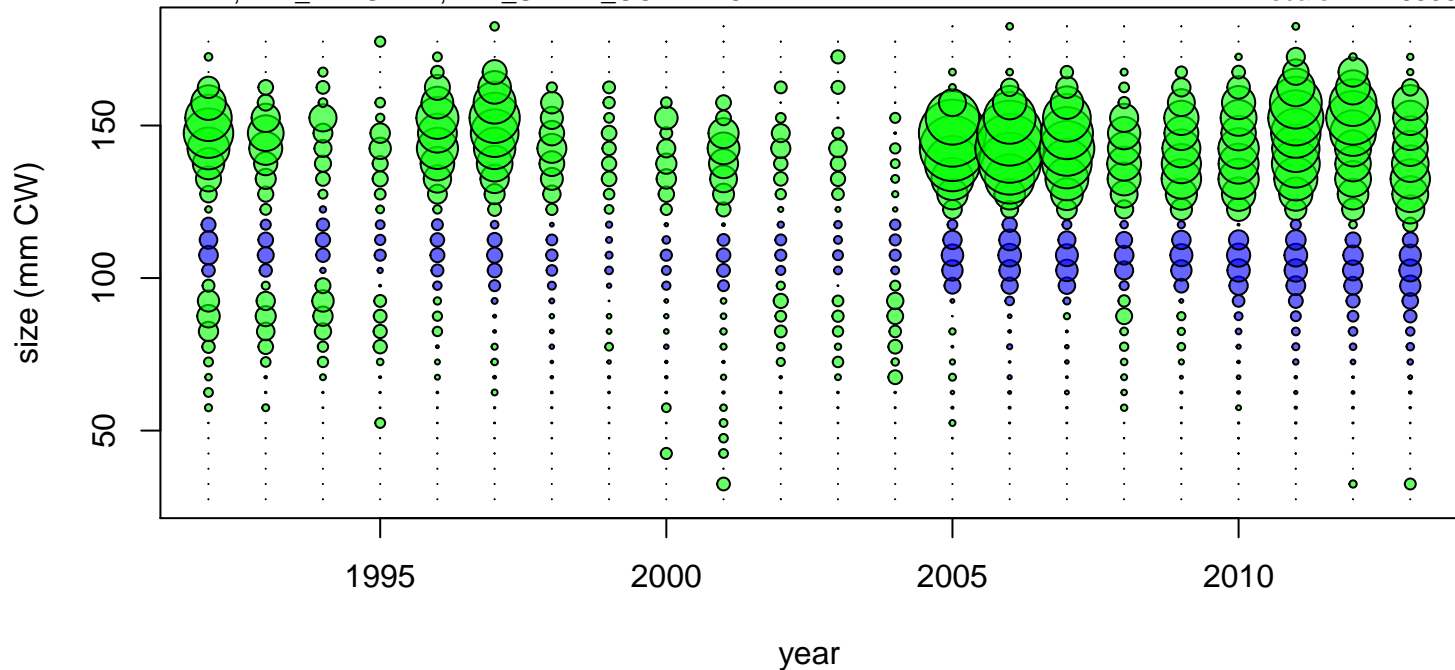




SCF: total catch

MALE, ALL_MATURITY, ALL_SHELL_CONDITION

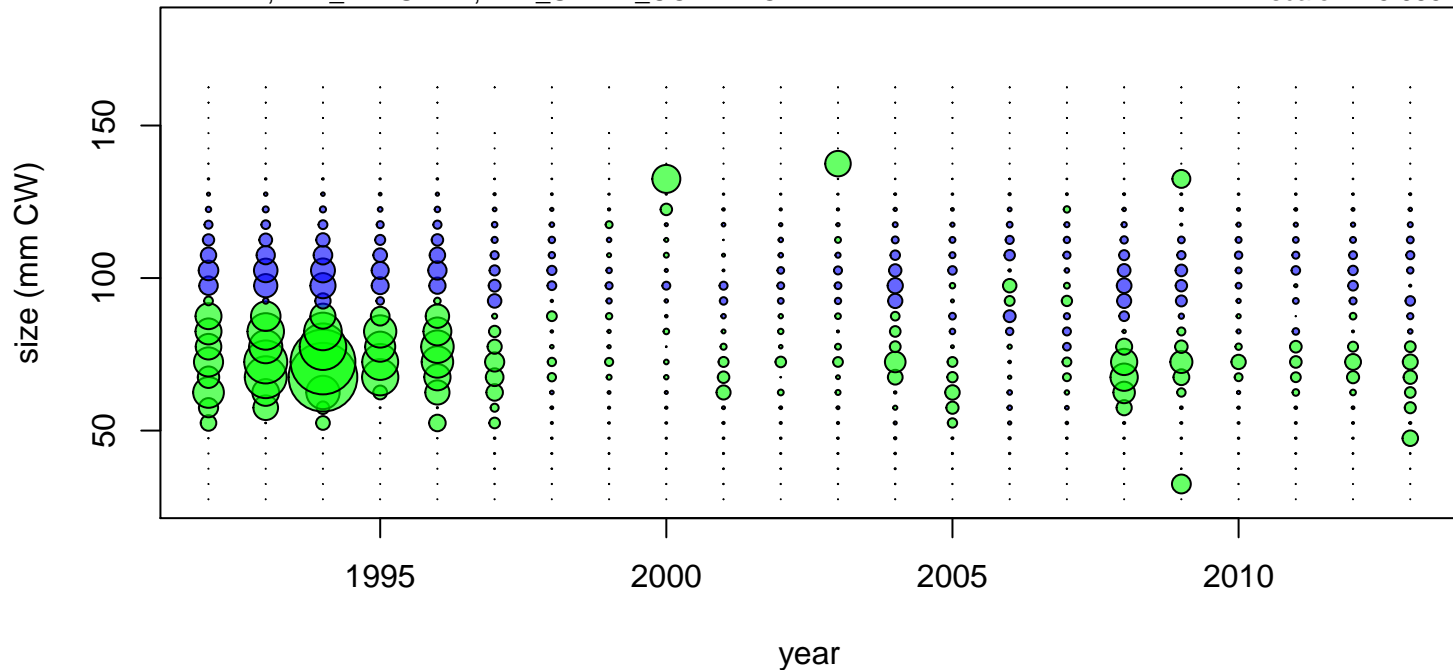
scale = 27.6536



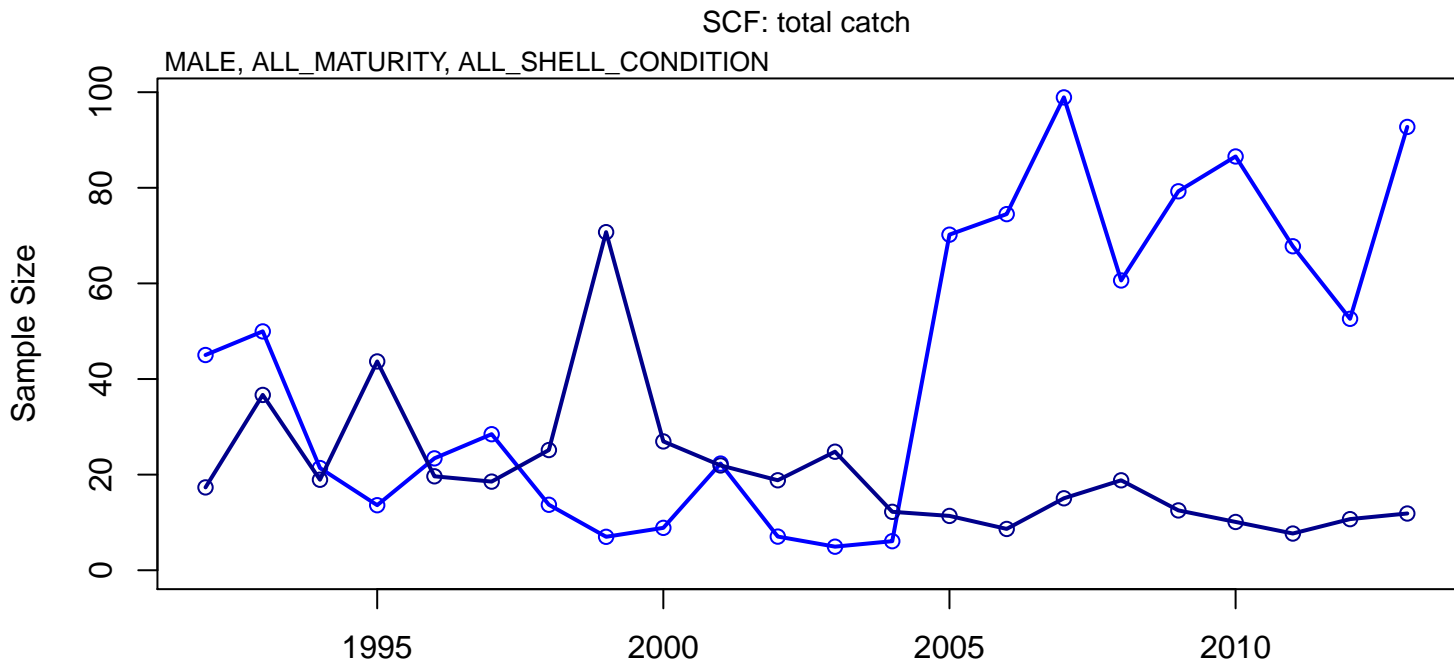
SCF: total catch

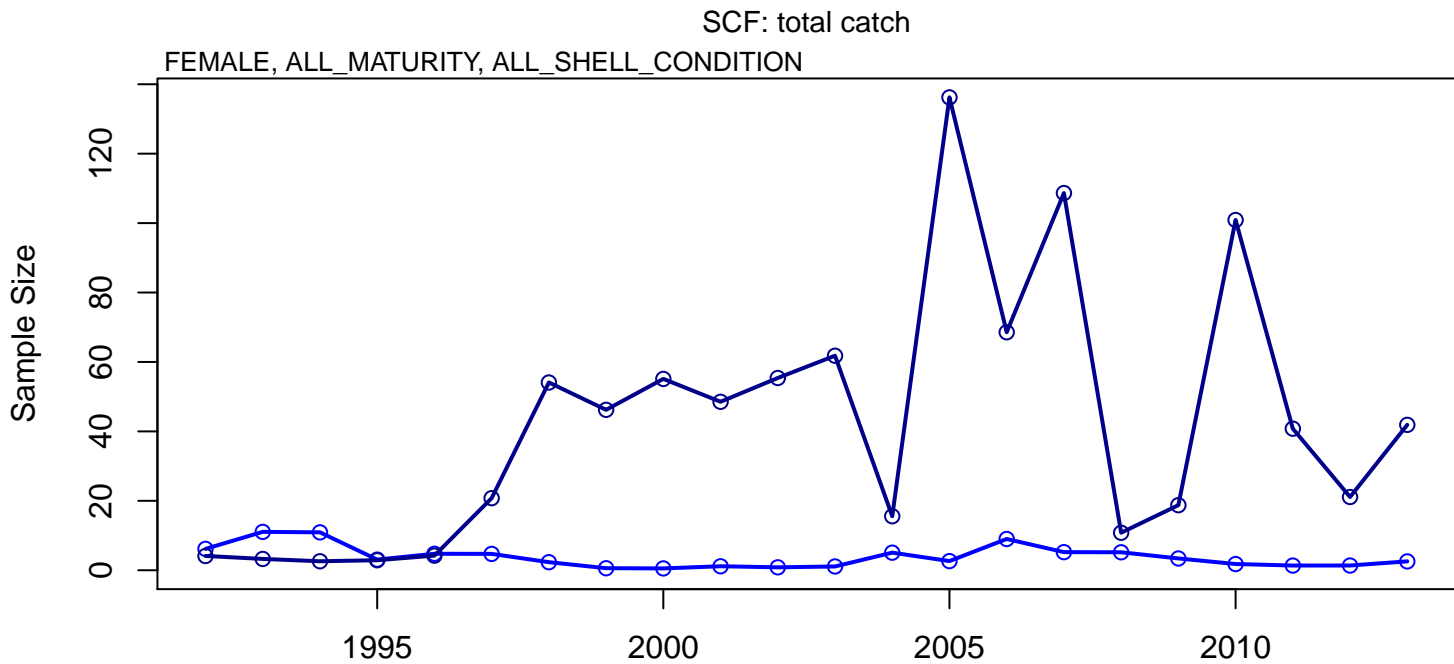
FEMALE, ALL_MATURITY, ALL_SHELL_CONDITION

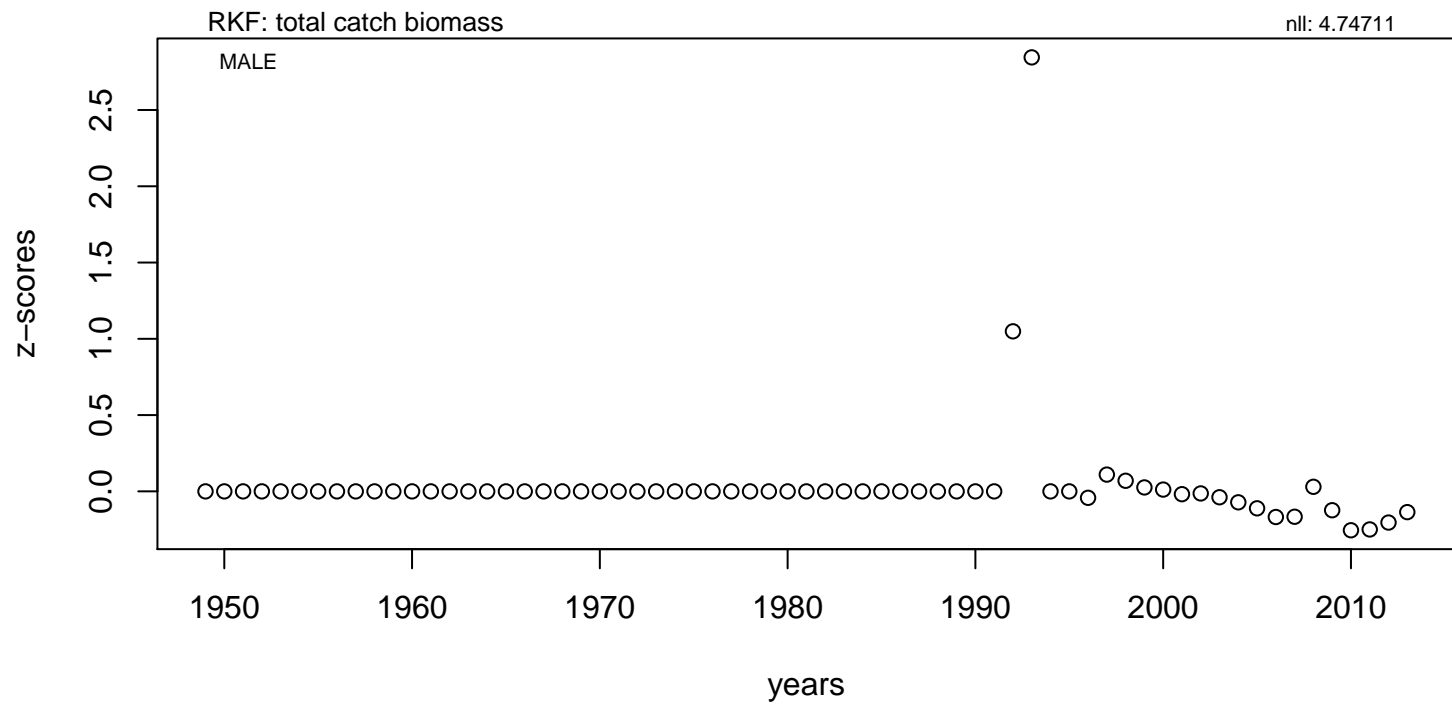
scale = 15.6854

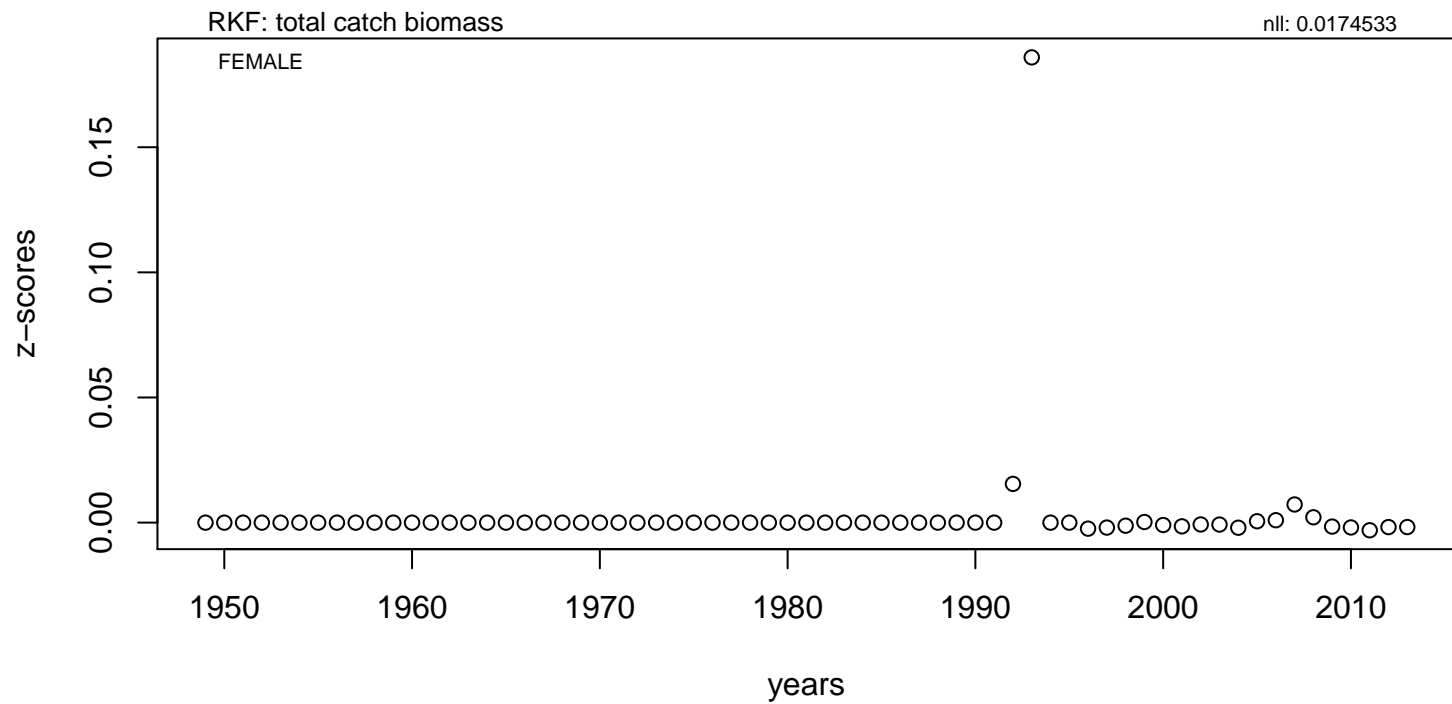


Pearson's residuals





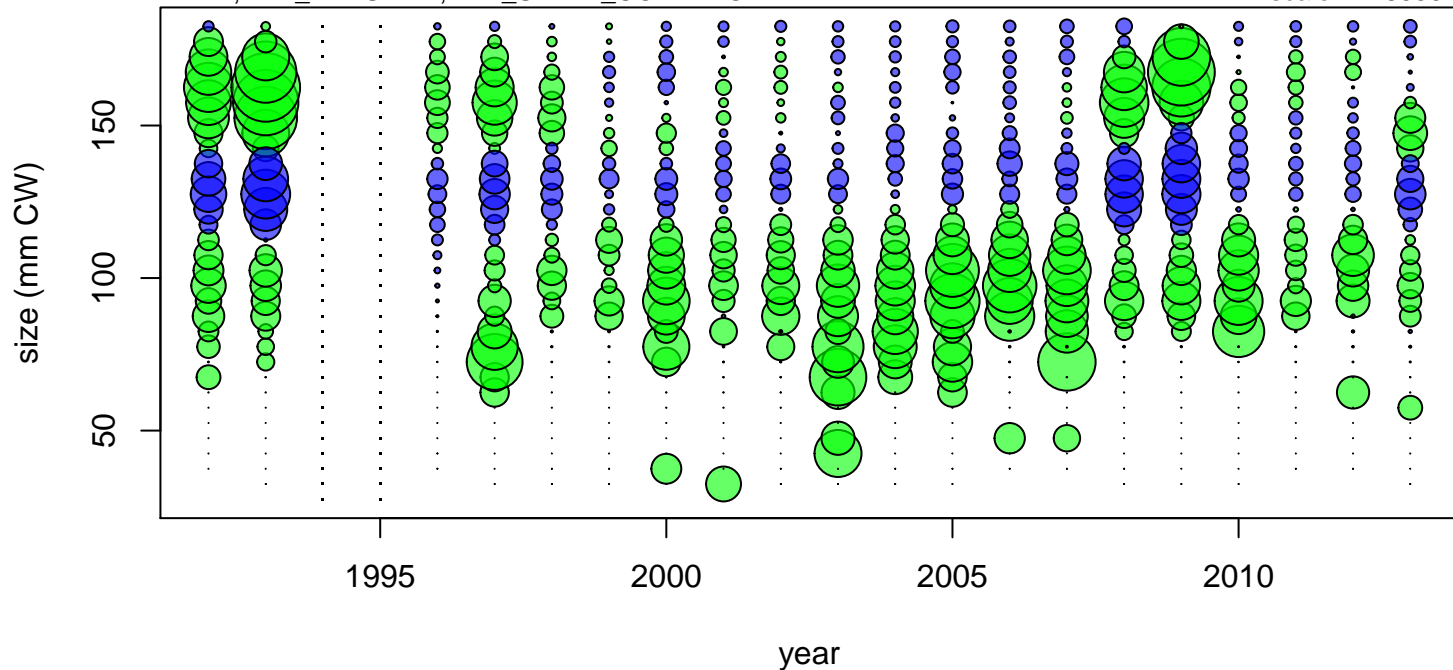




RKF: total catch

MALE, ALL_MATURITY, ALL_SHELL_CONDITION

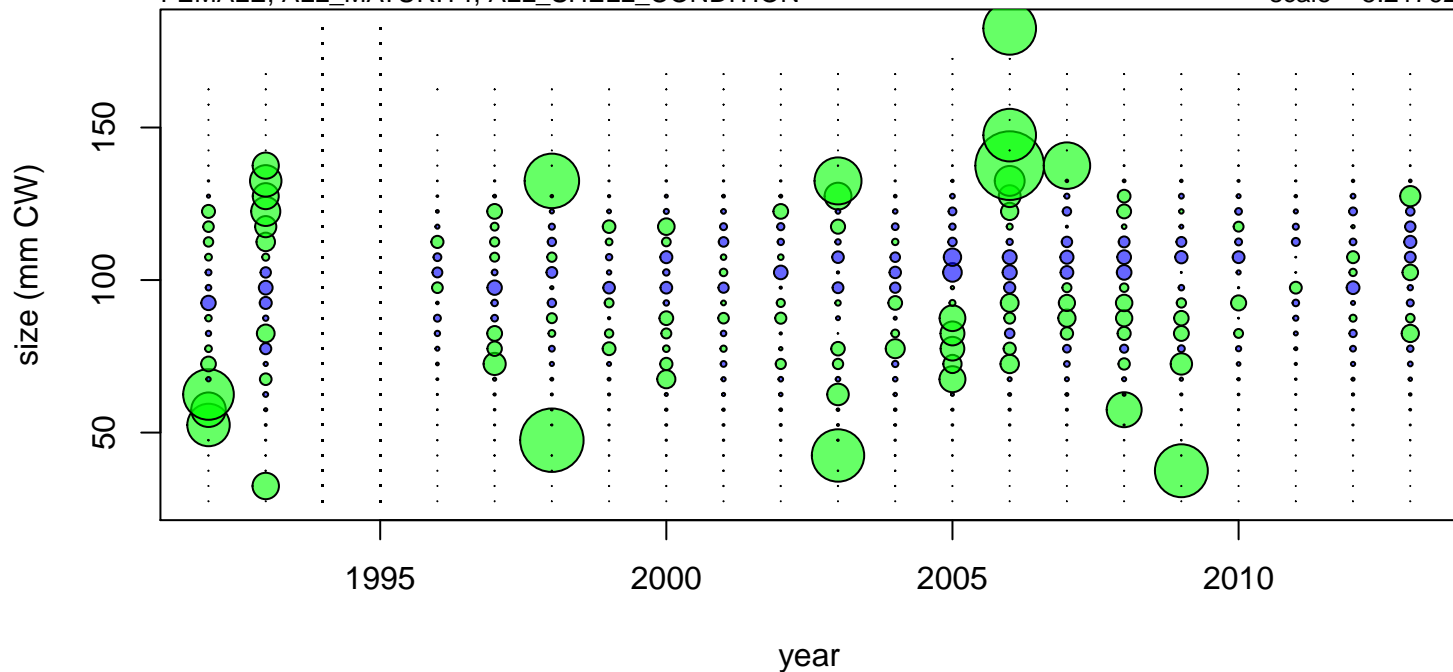
scale = 4.85307



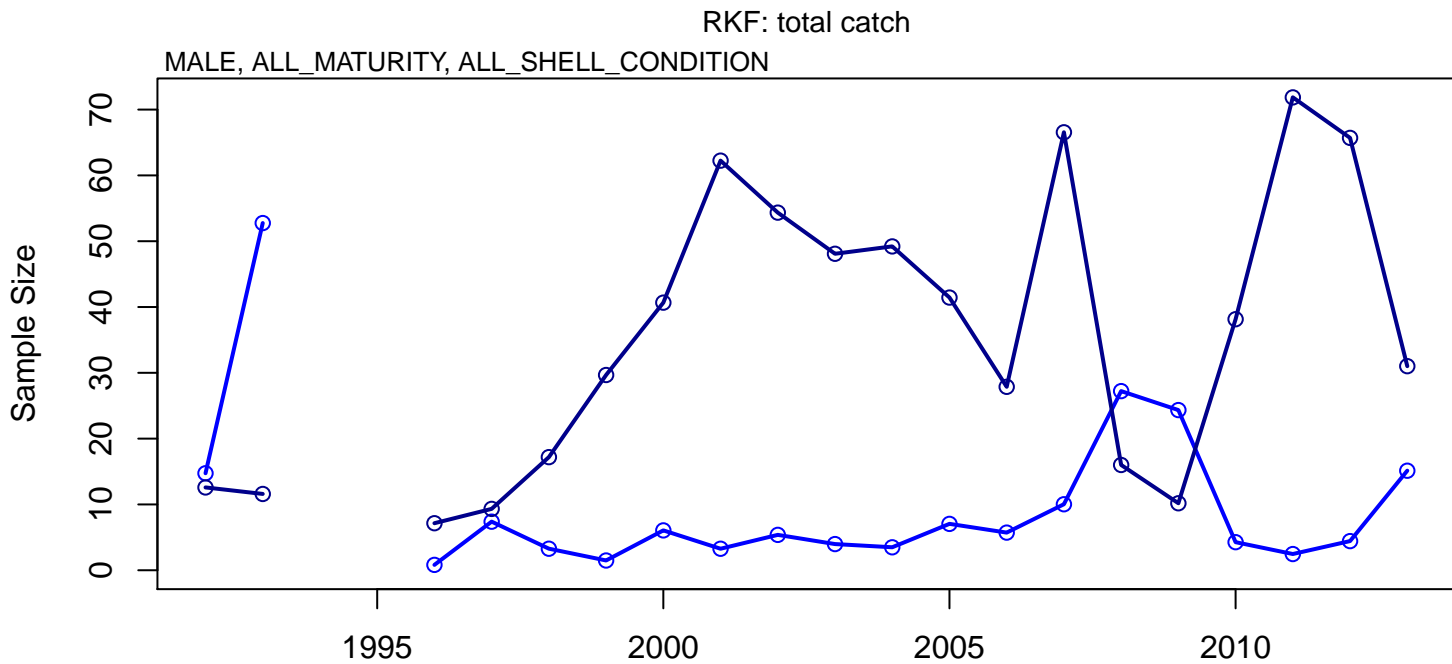
RKF: total catch

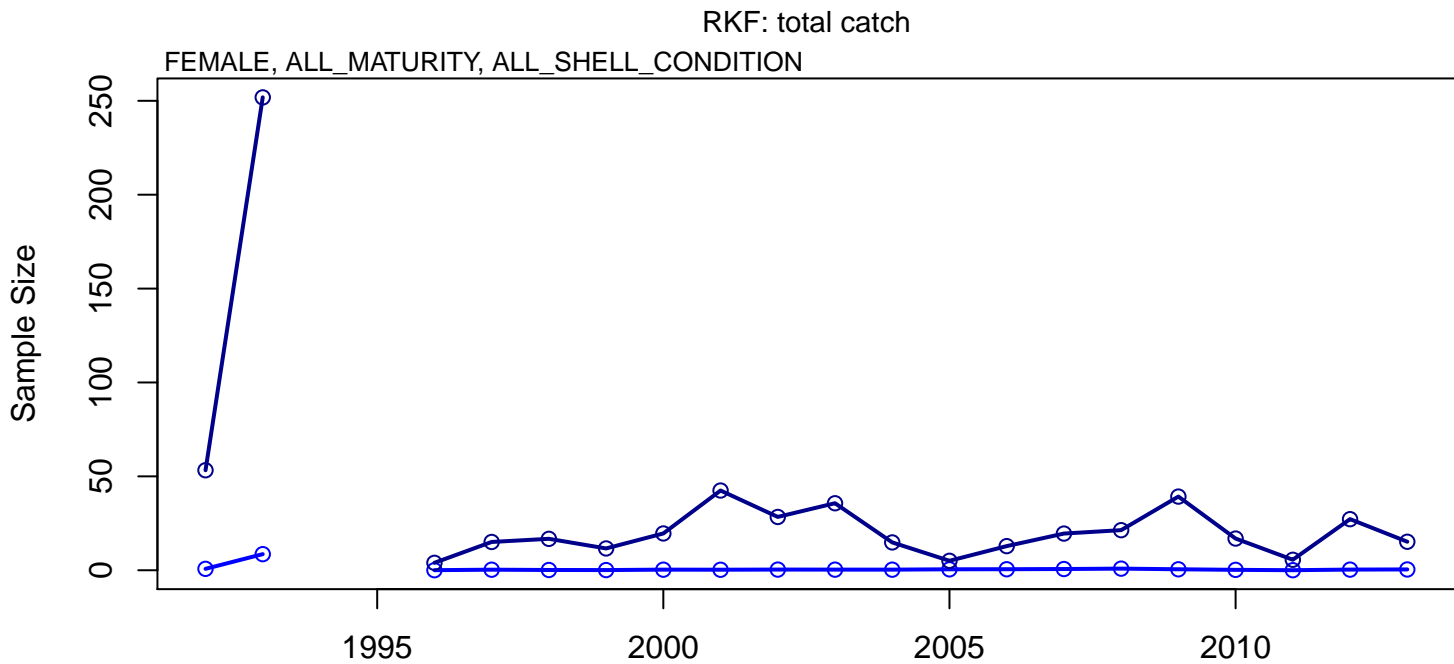
FEMALE, ALL_MATURITY, ALL_SHELL_CONDITION

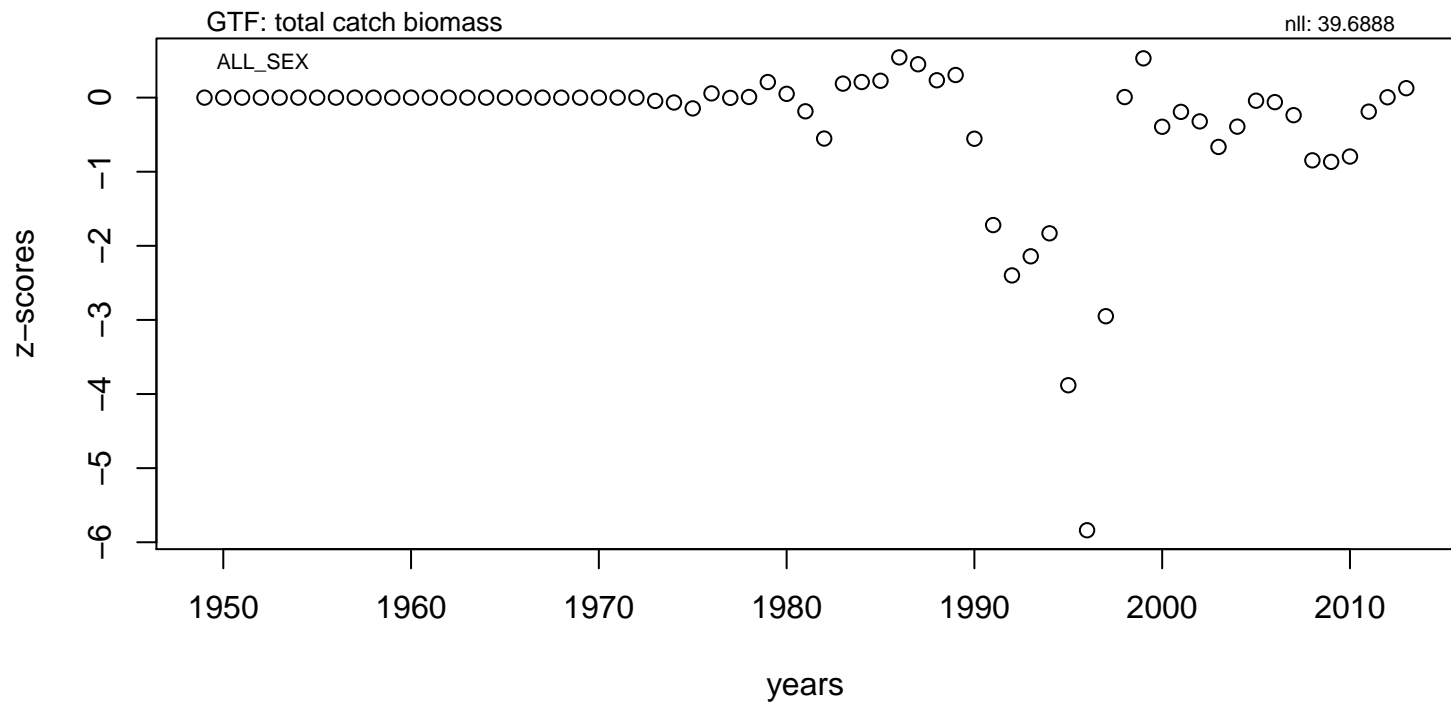
scale = 5.21792



Pearson's residuals



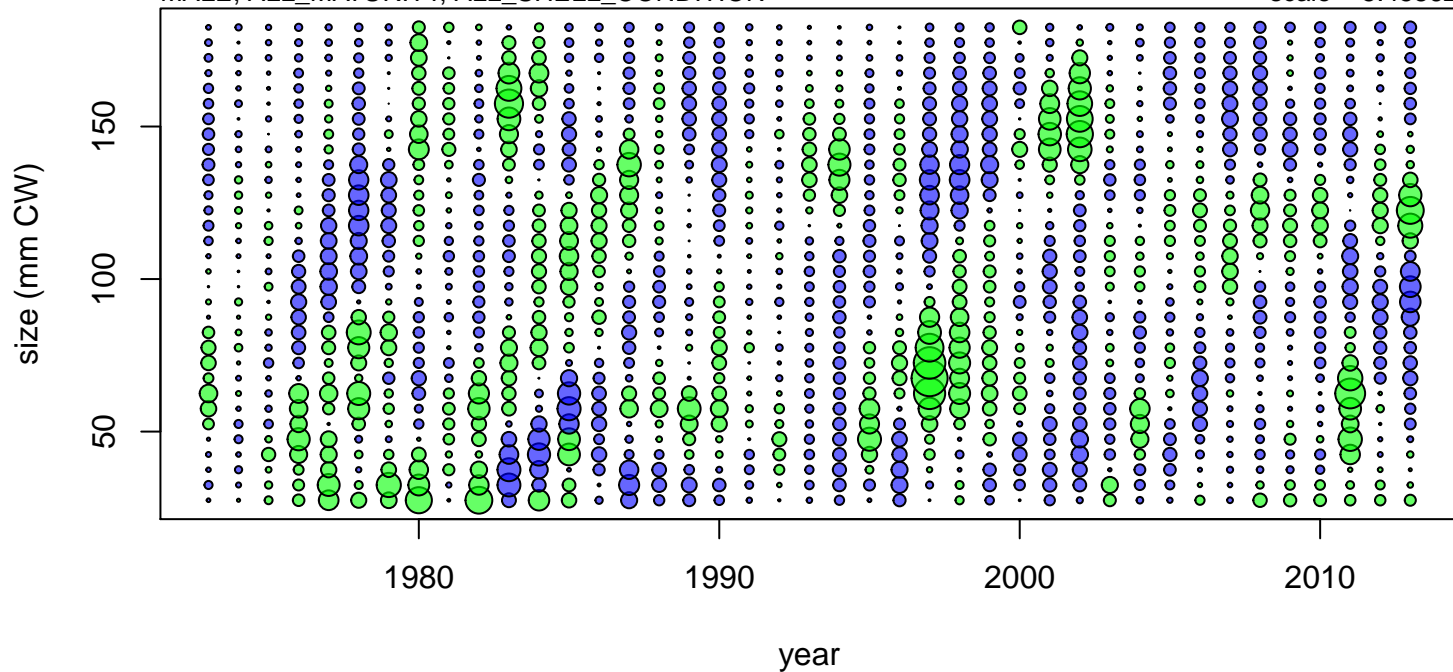




GTF: total catch

MALE, ALL_MATURITY, ALL_SHELL_CONDITION

scale = 5.45862

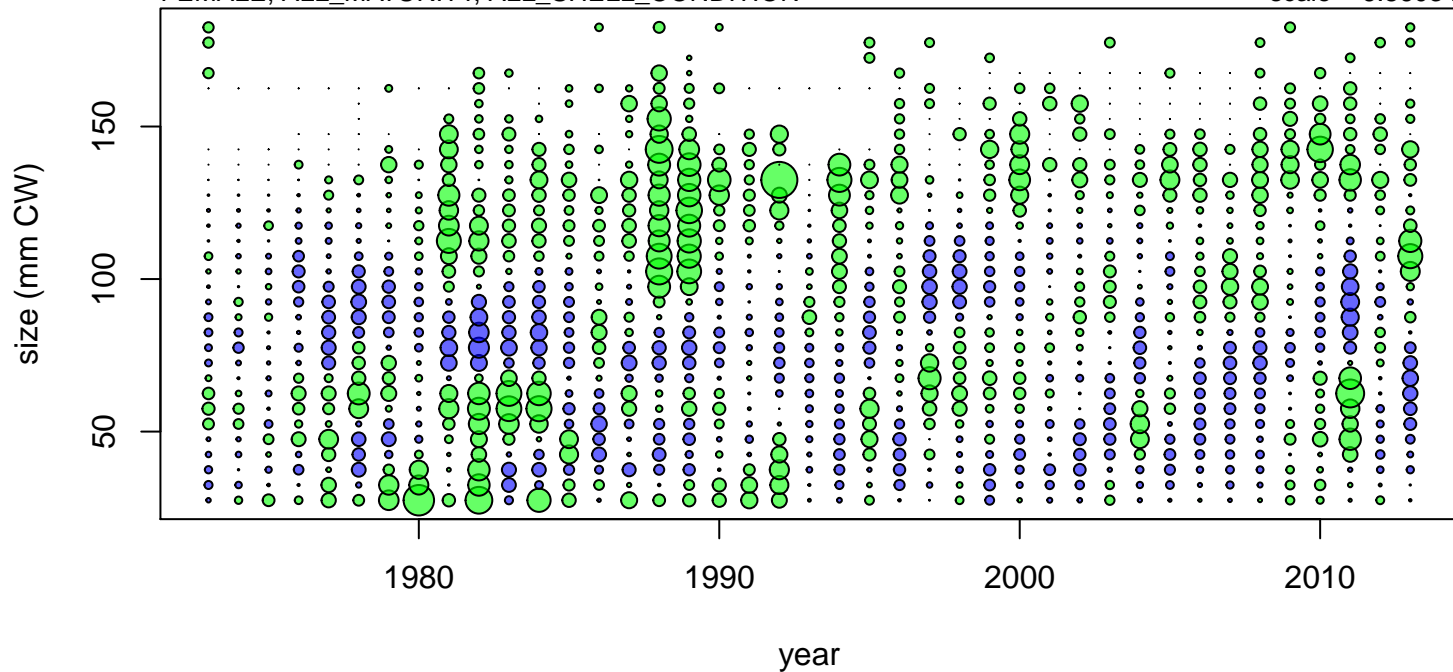


Pearson's residuals

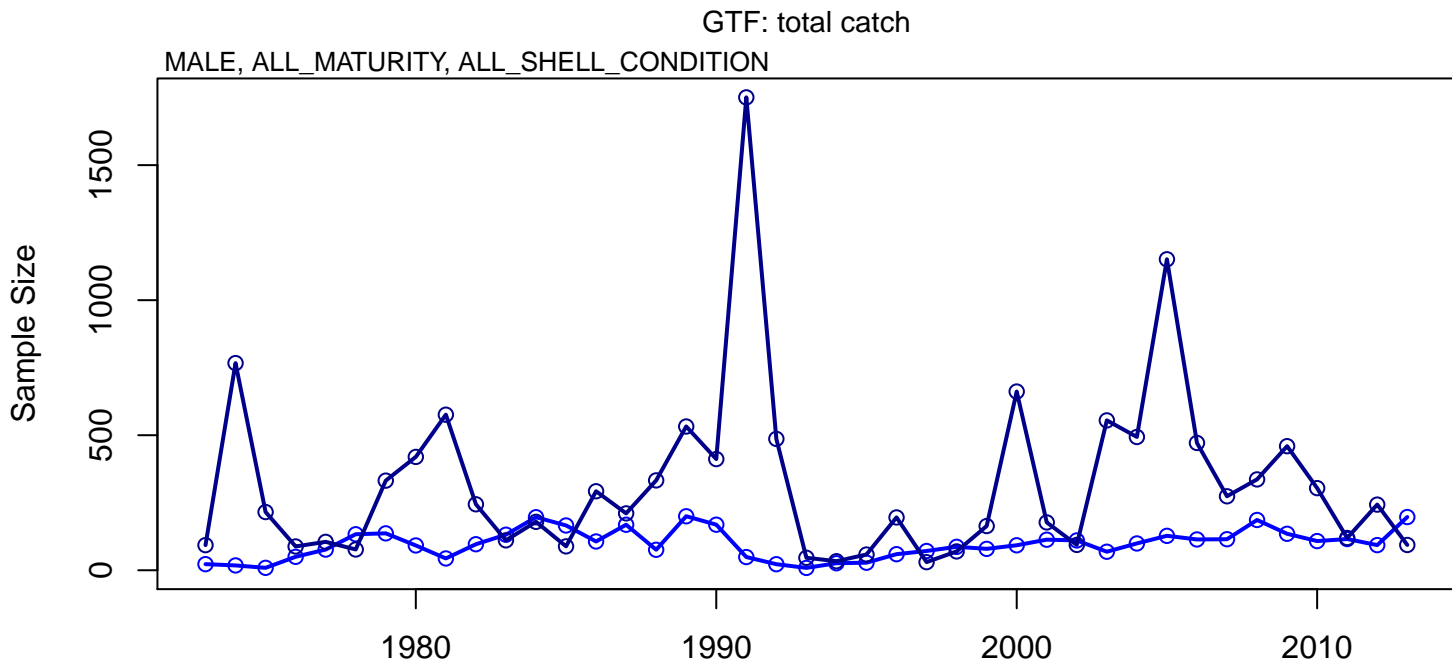
GTF: total catch

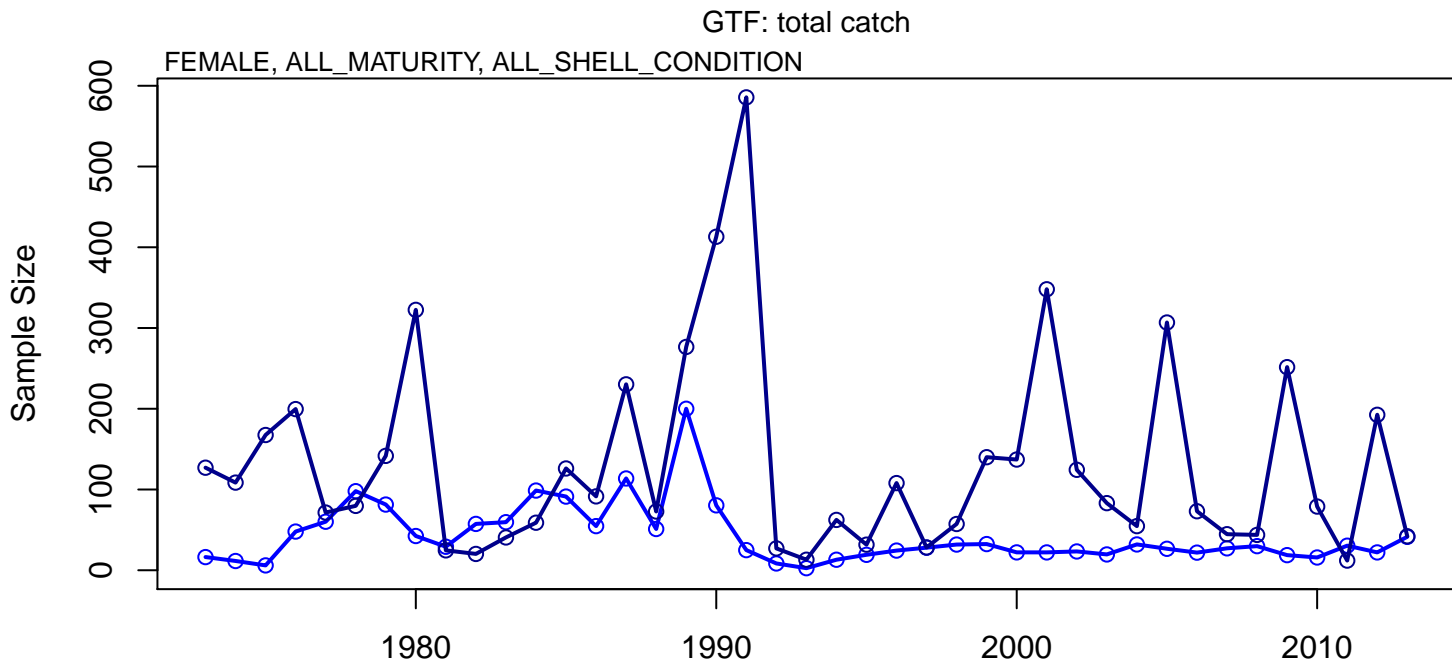
FEMALE, ALL_MATURITY, ALL_SHELL_CONDITION

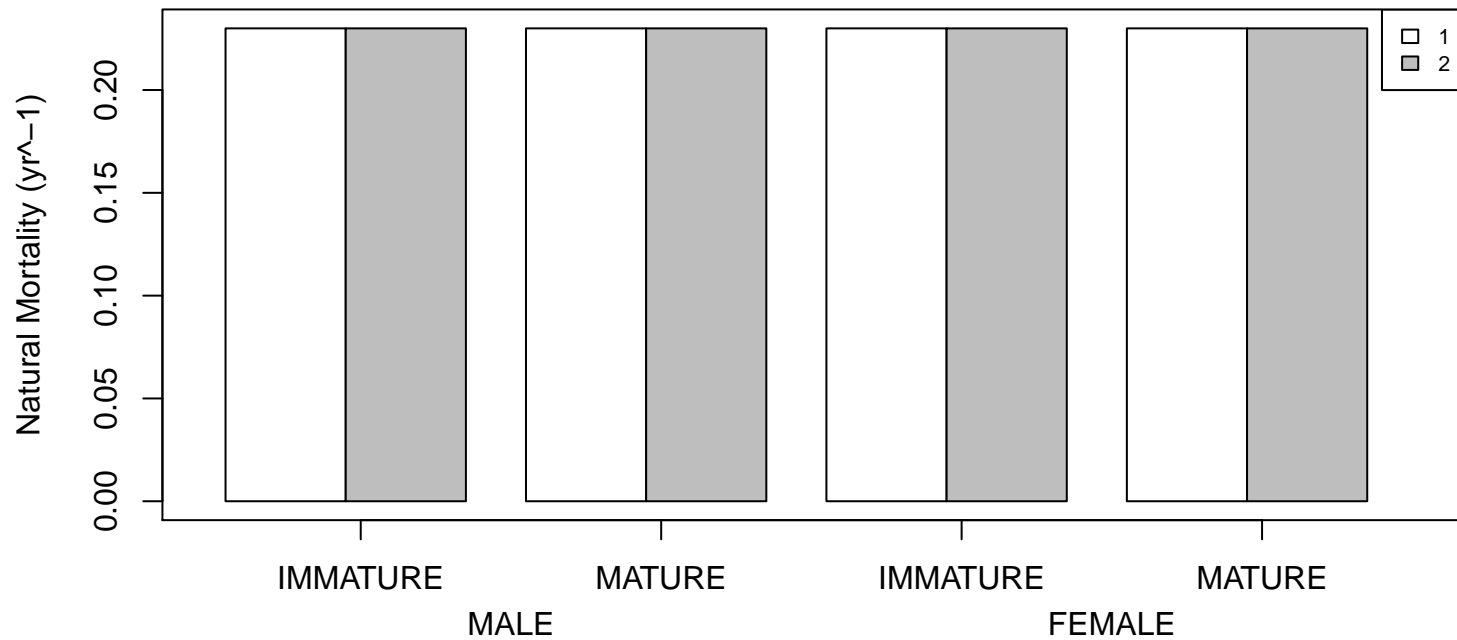
scale = 6.86034

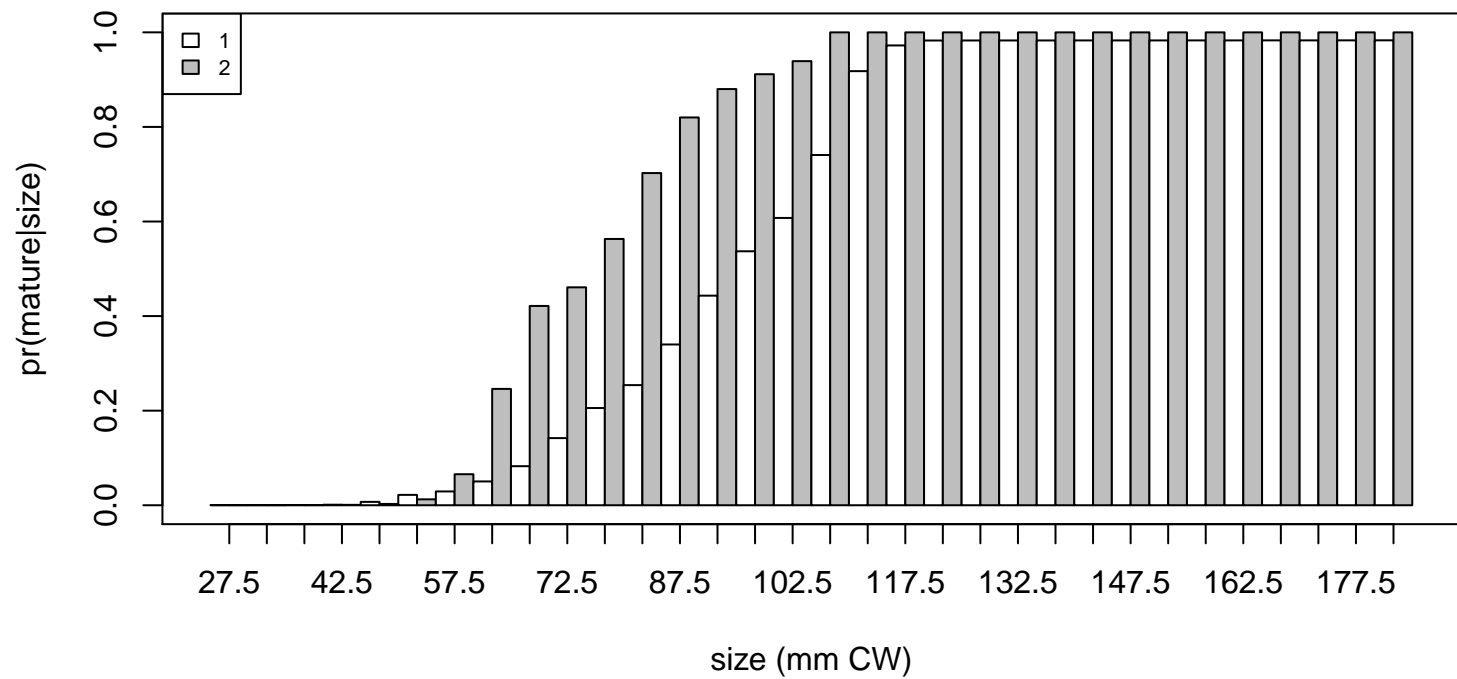


Pearson's residuals

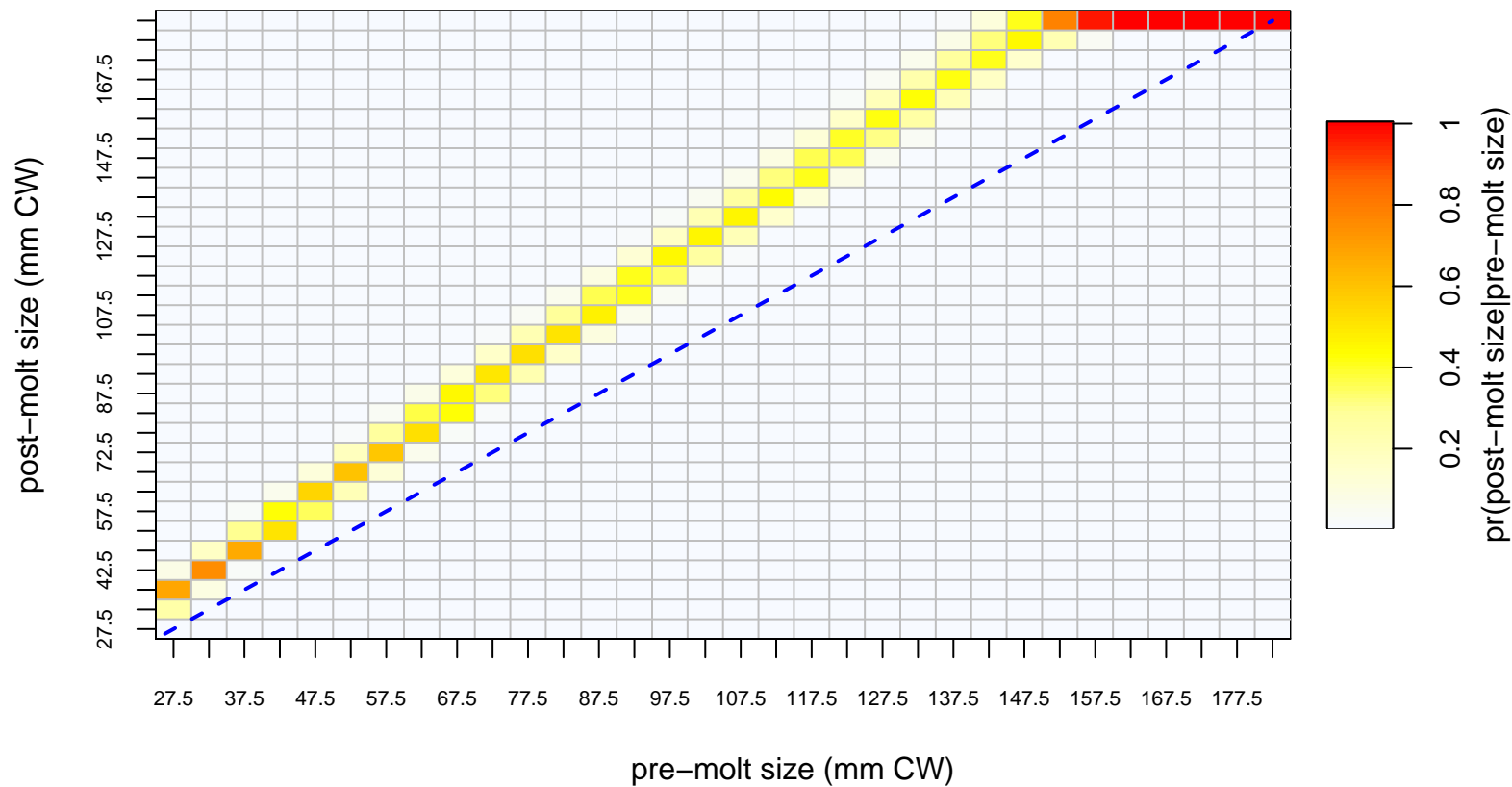




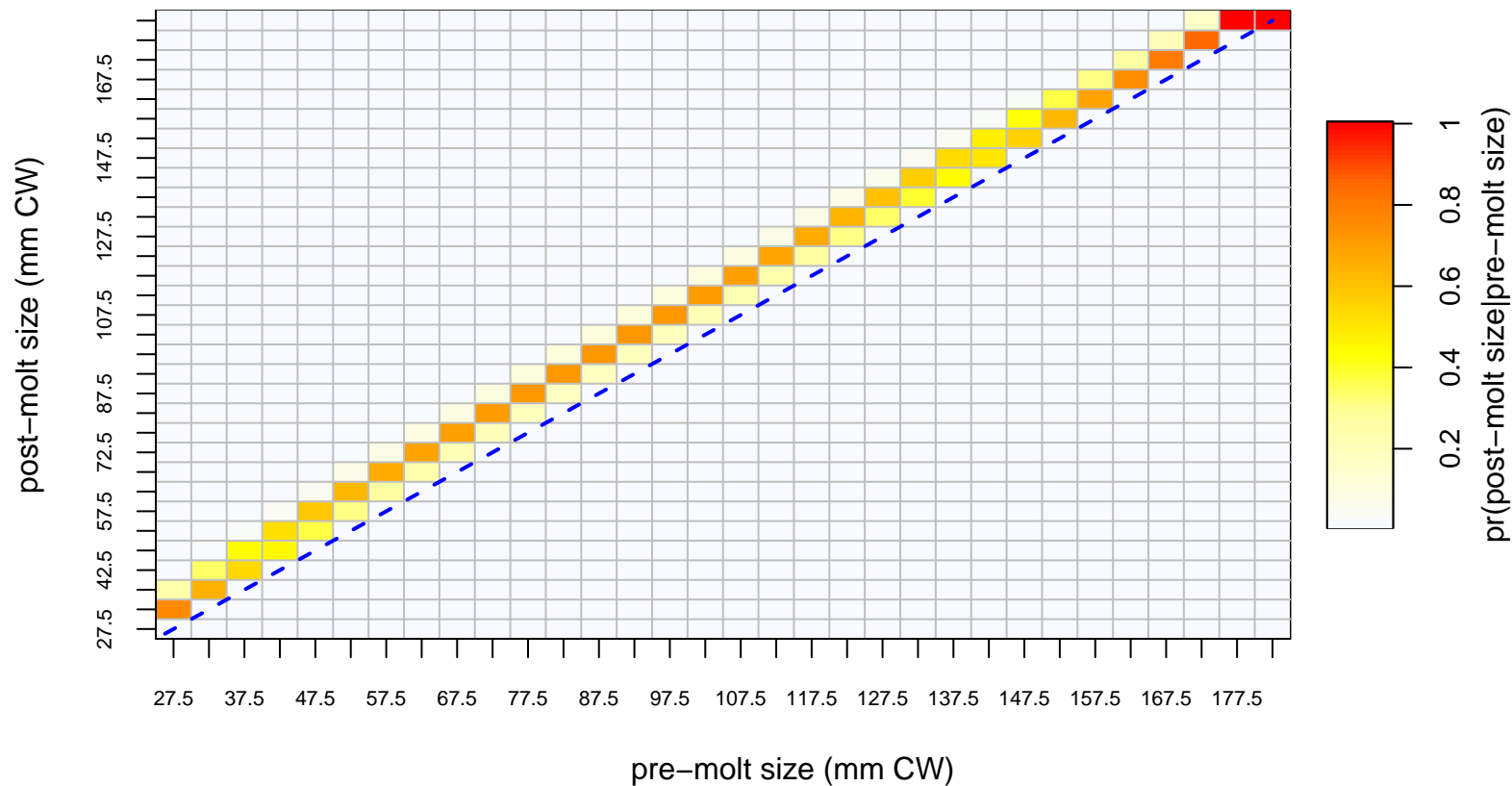


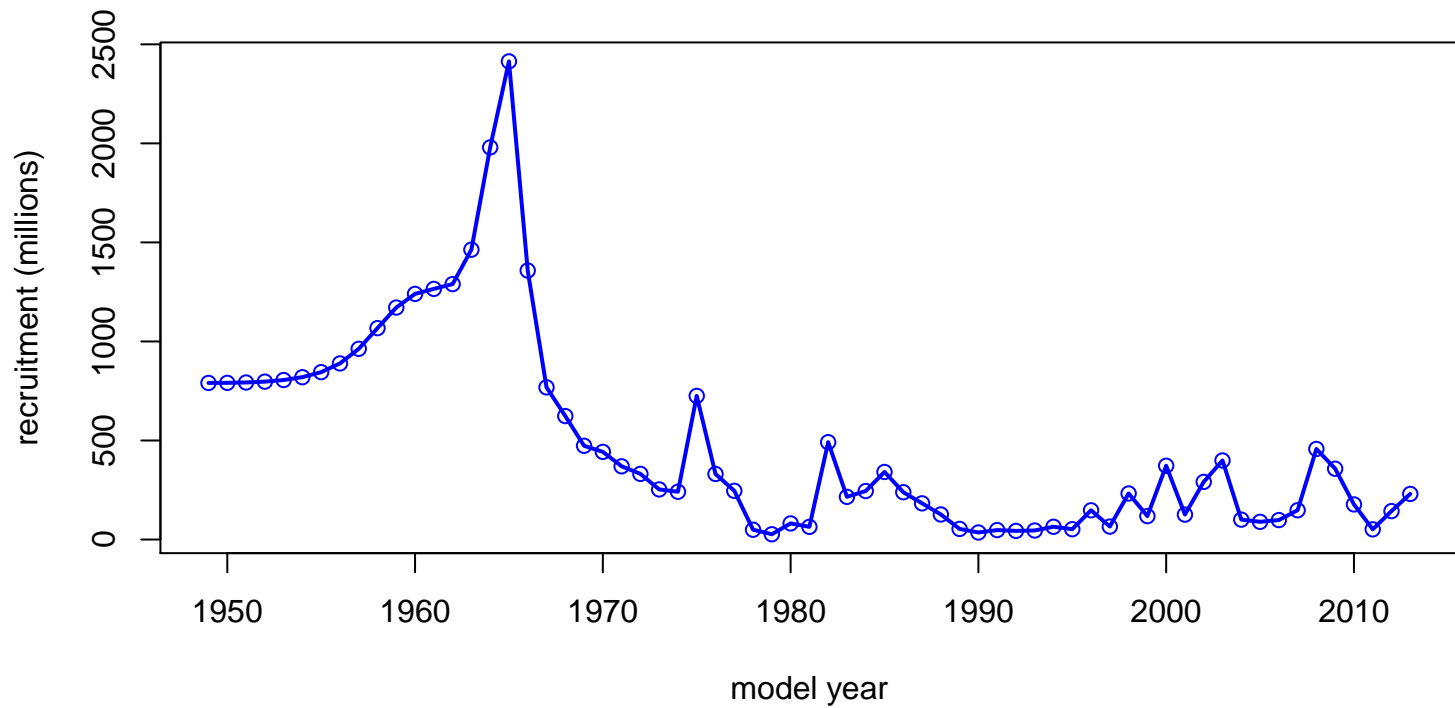


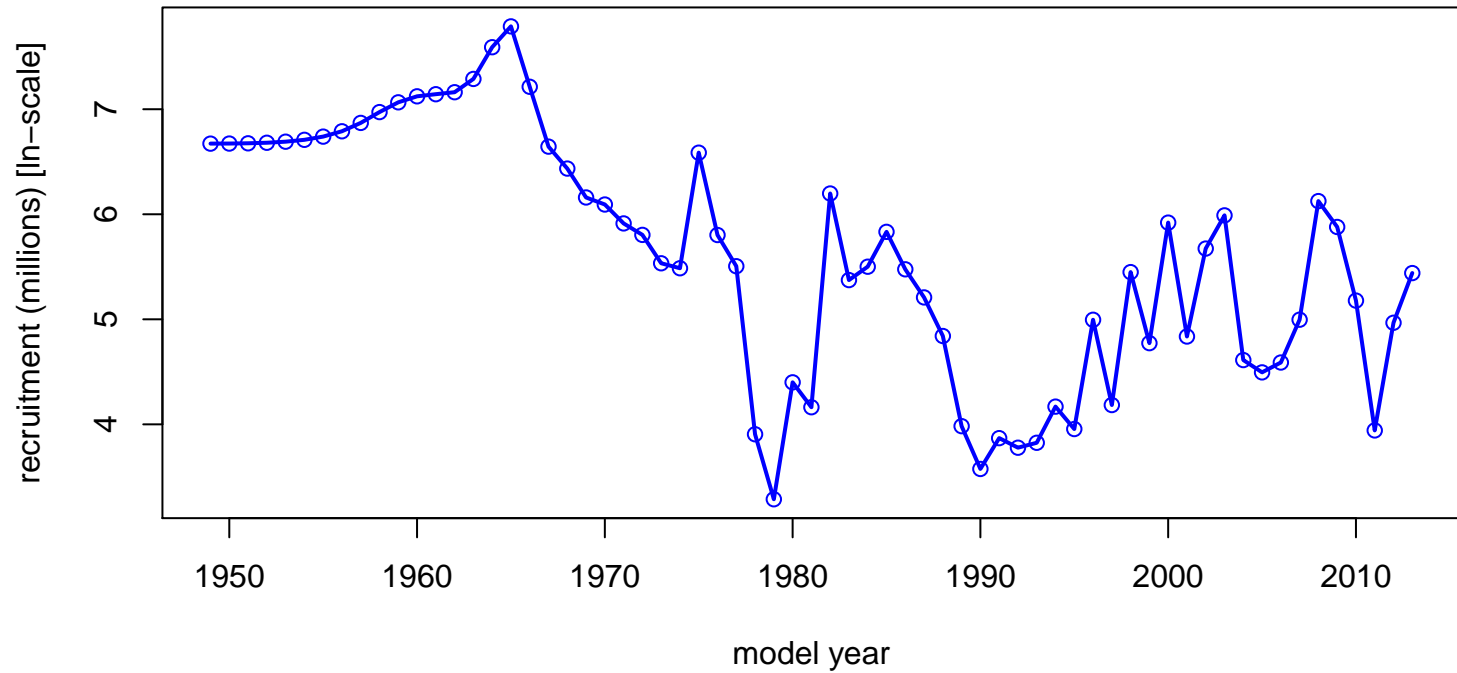
Growth Matrix (1)

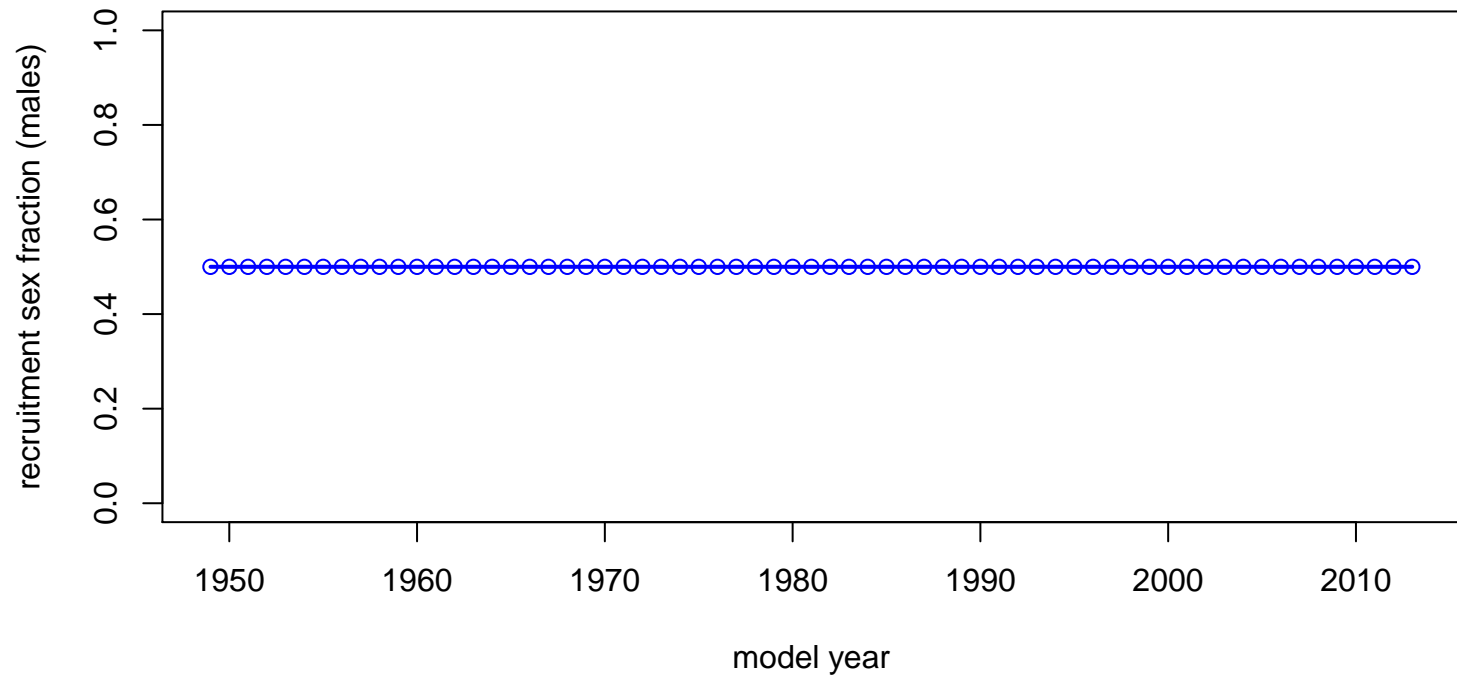


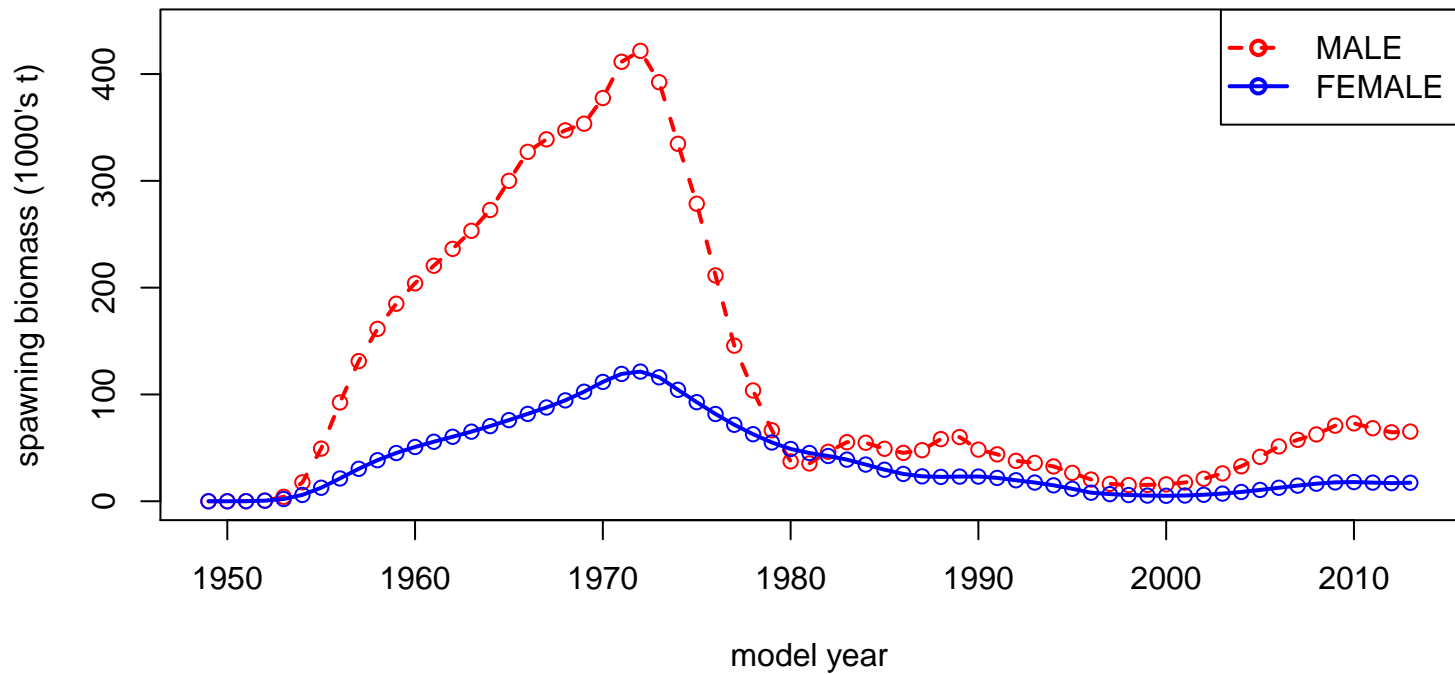
Growth Matrix (2)

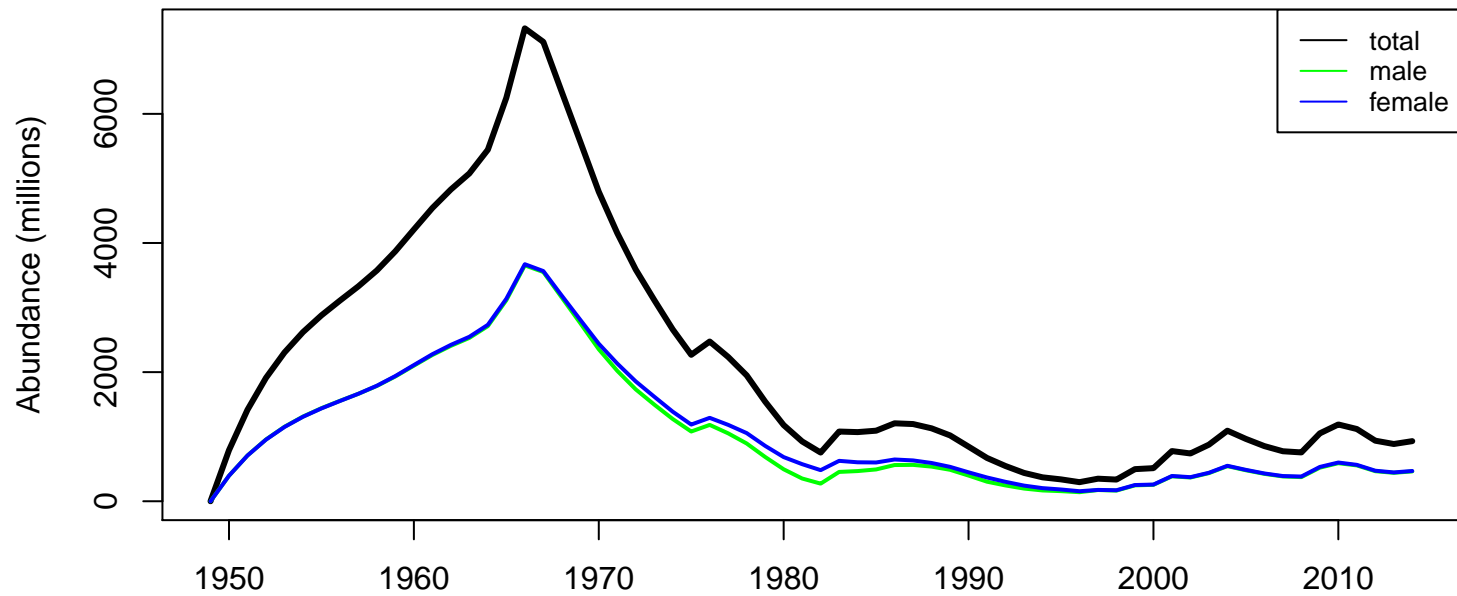


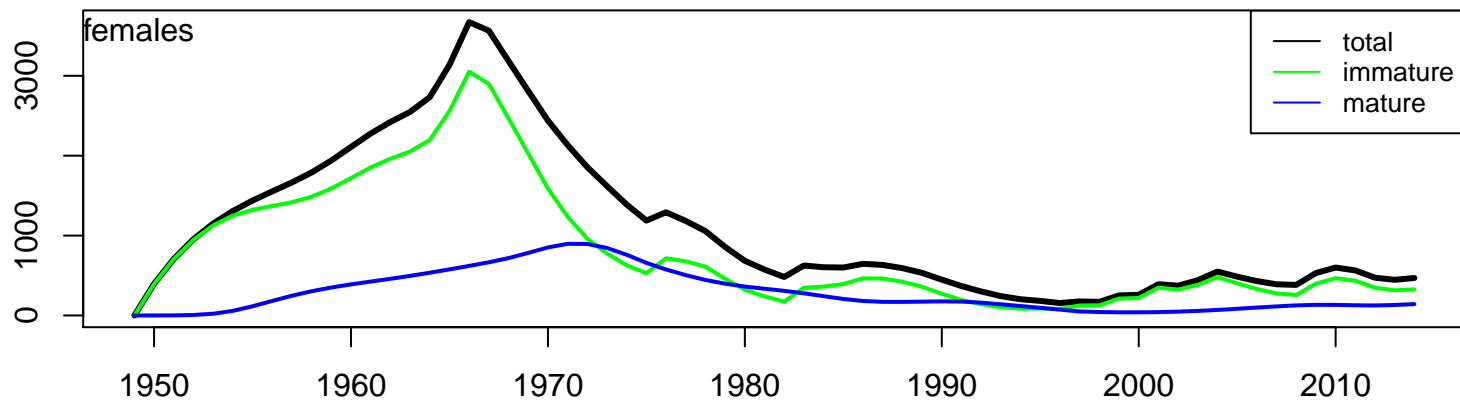
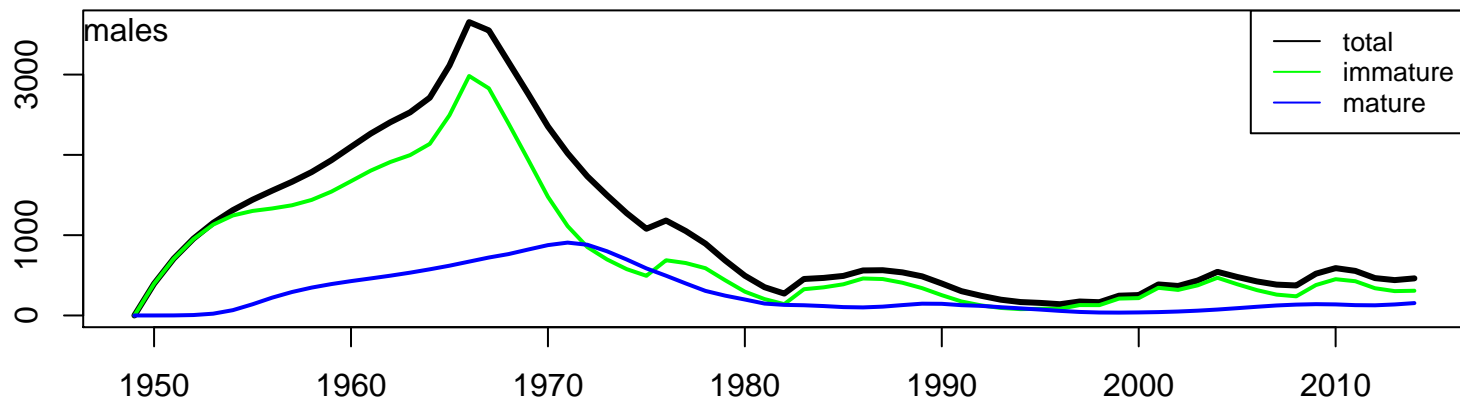


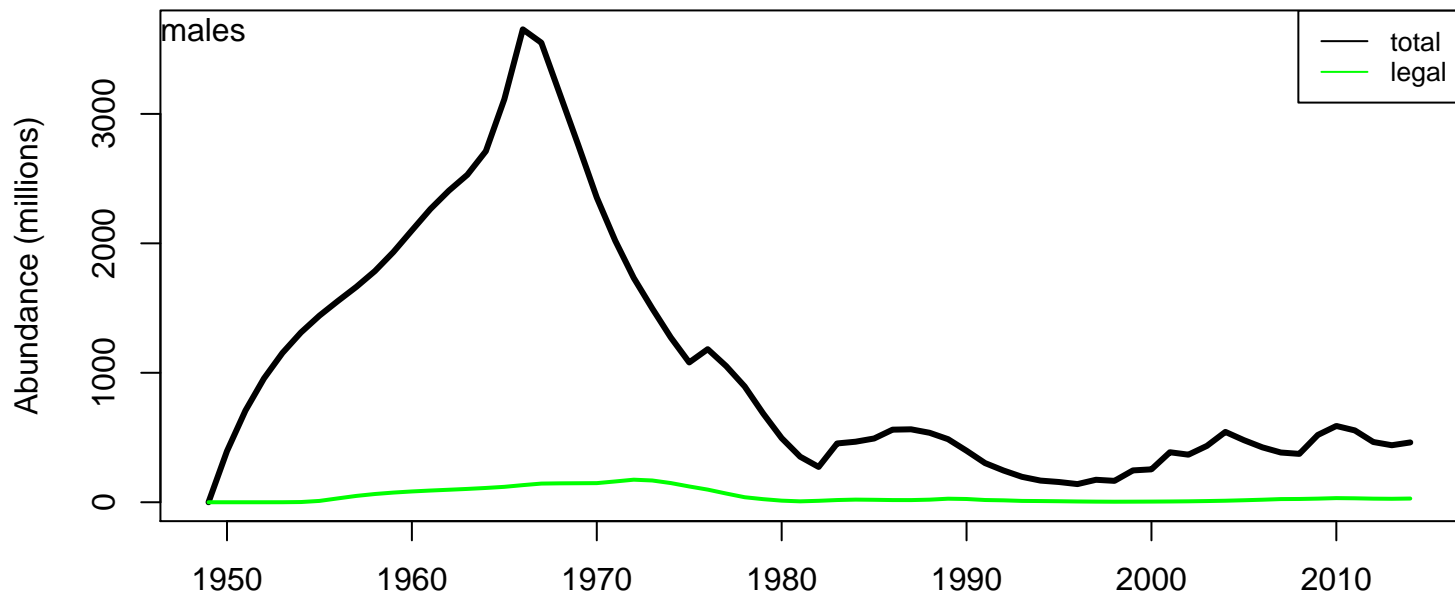


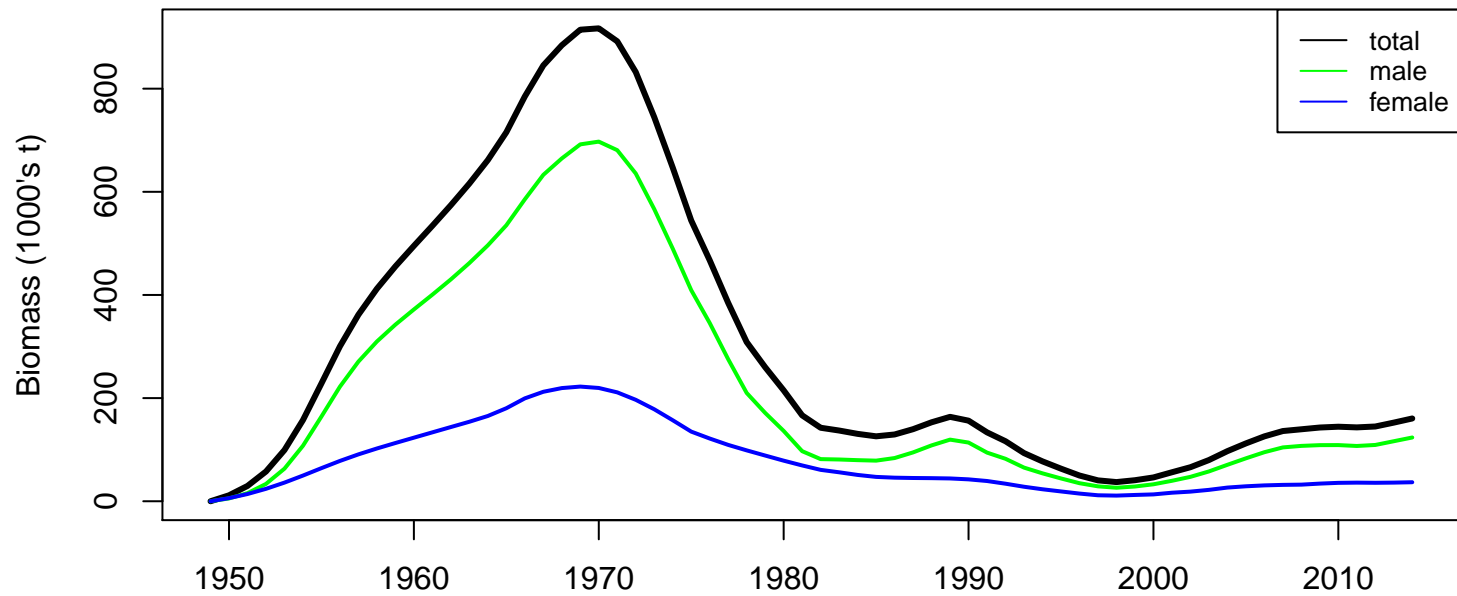


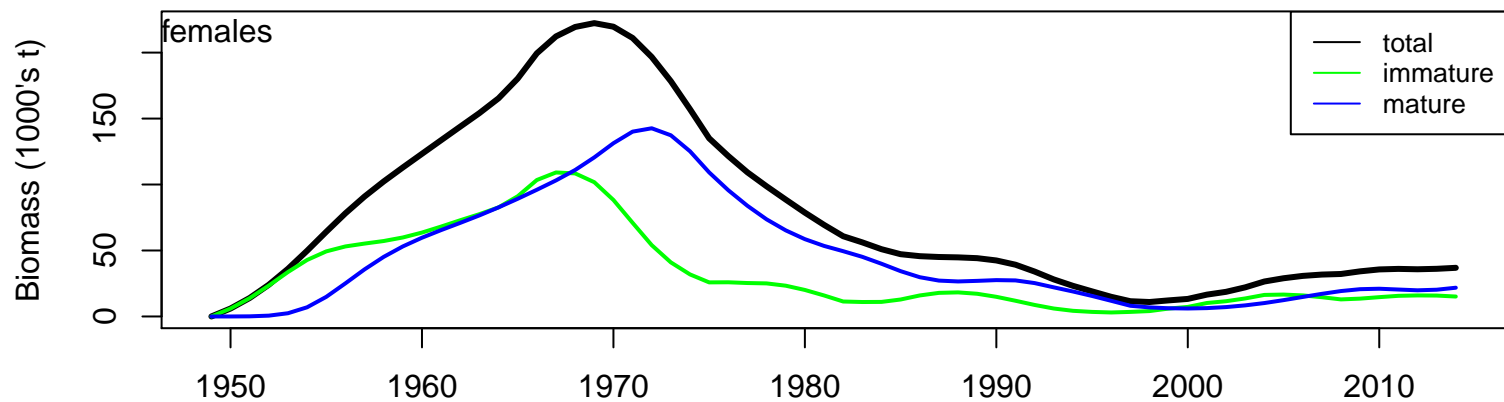
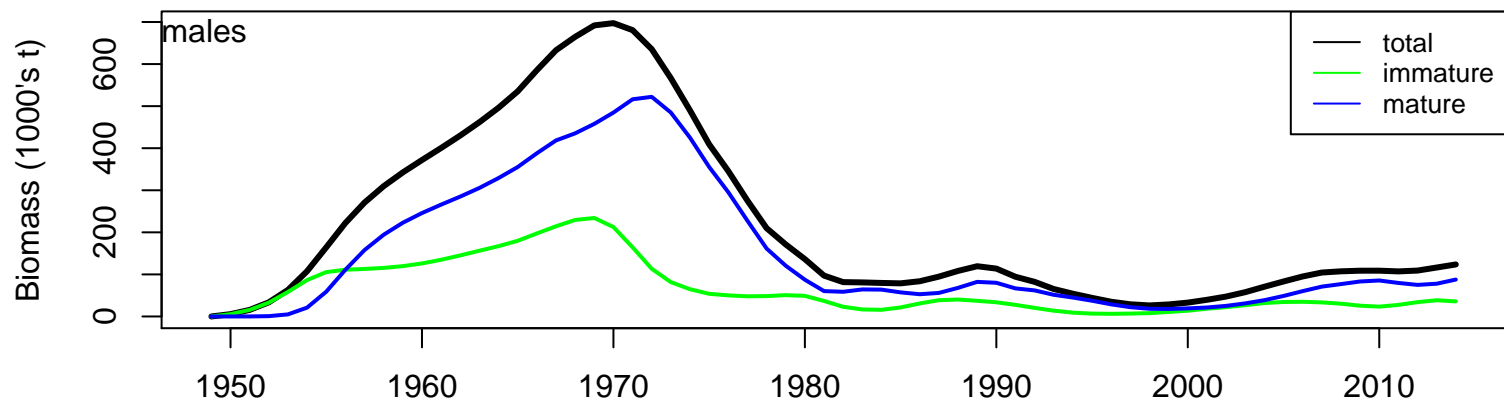


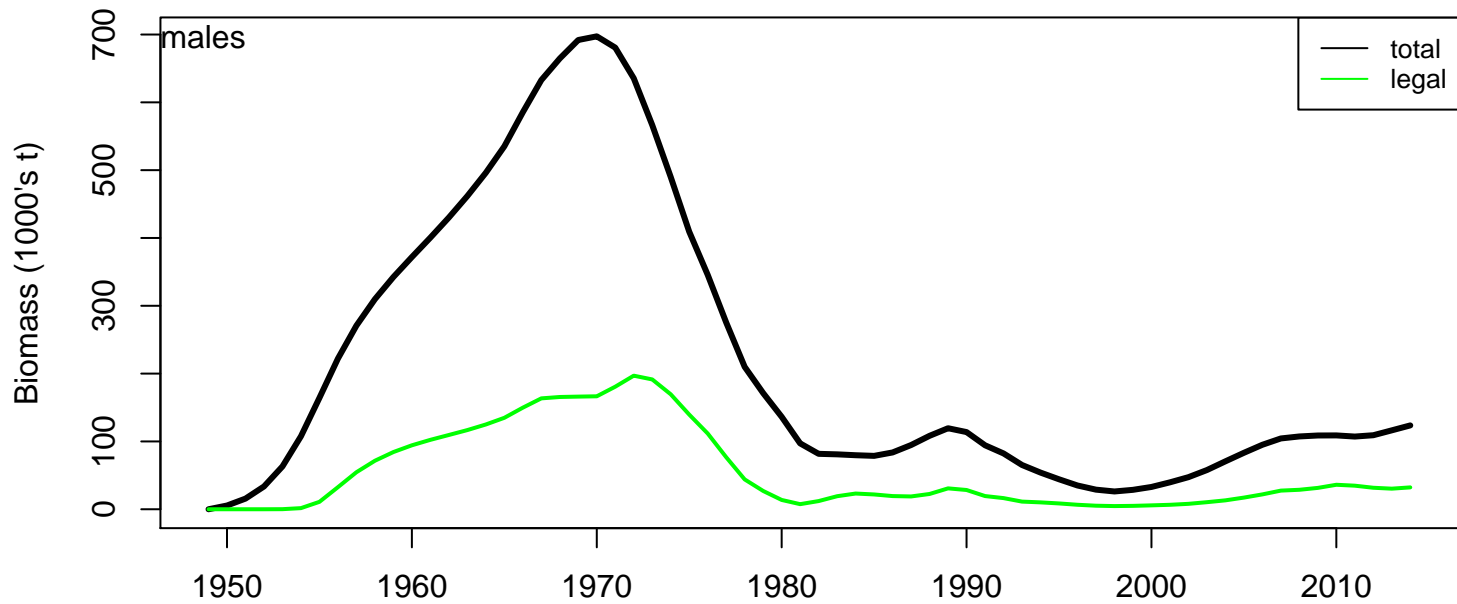


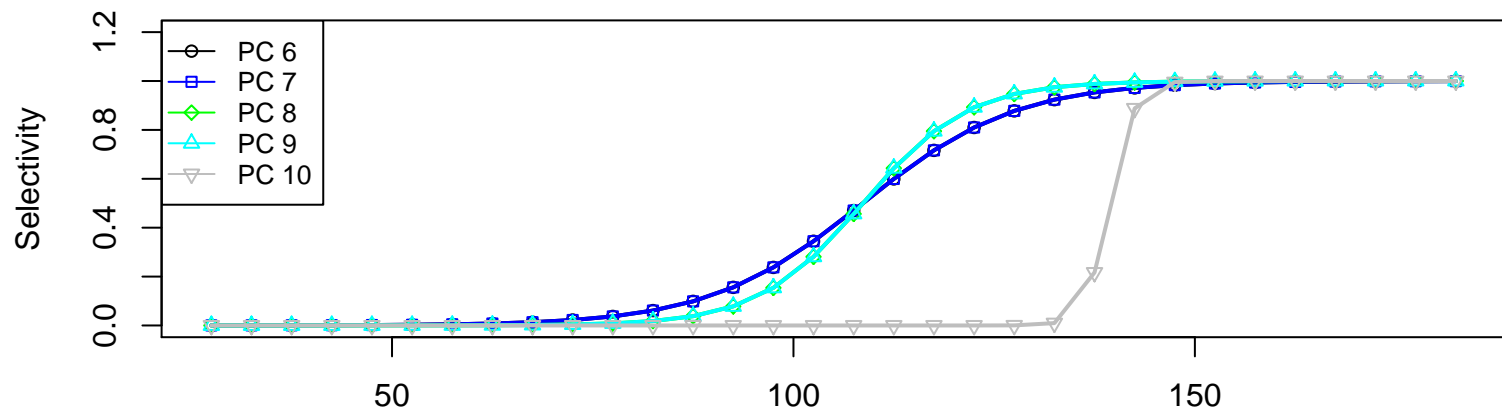
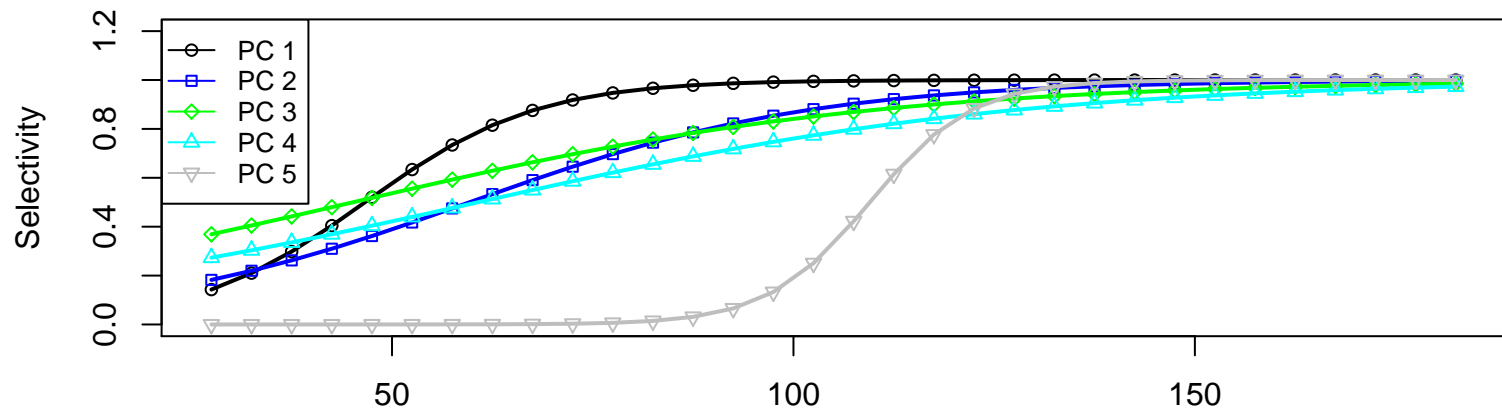


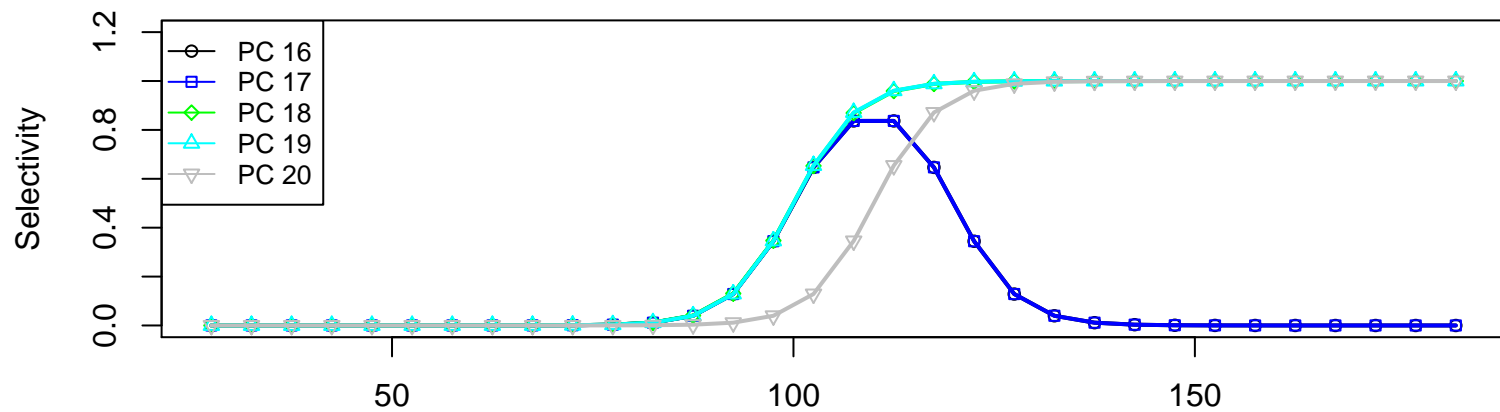
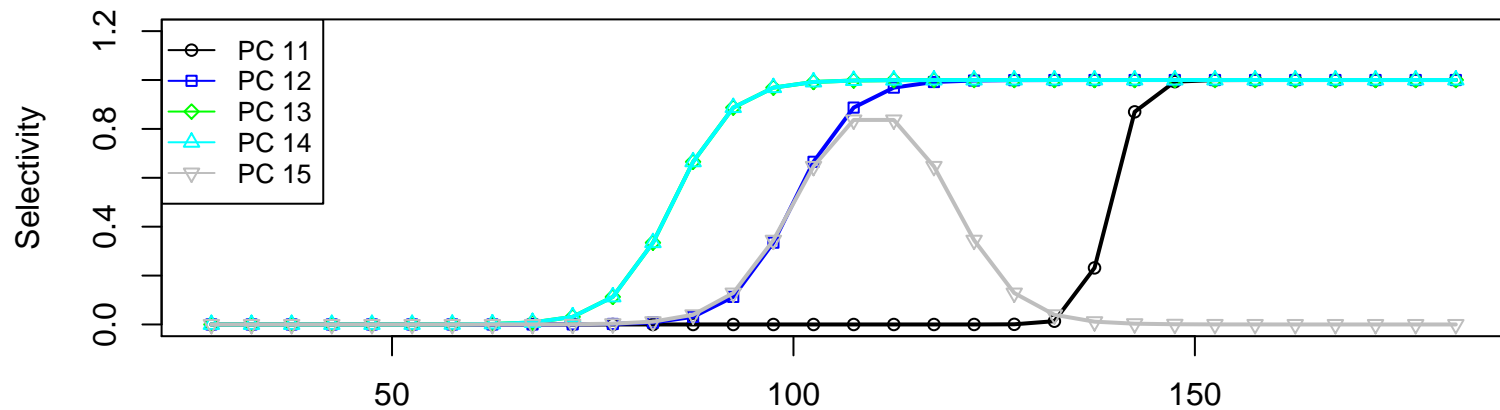


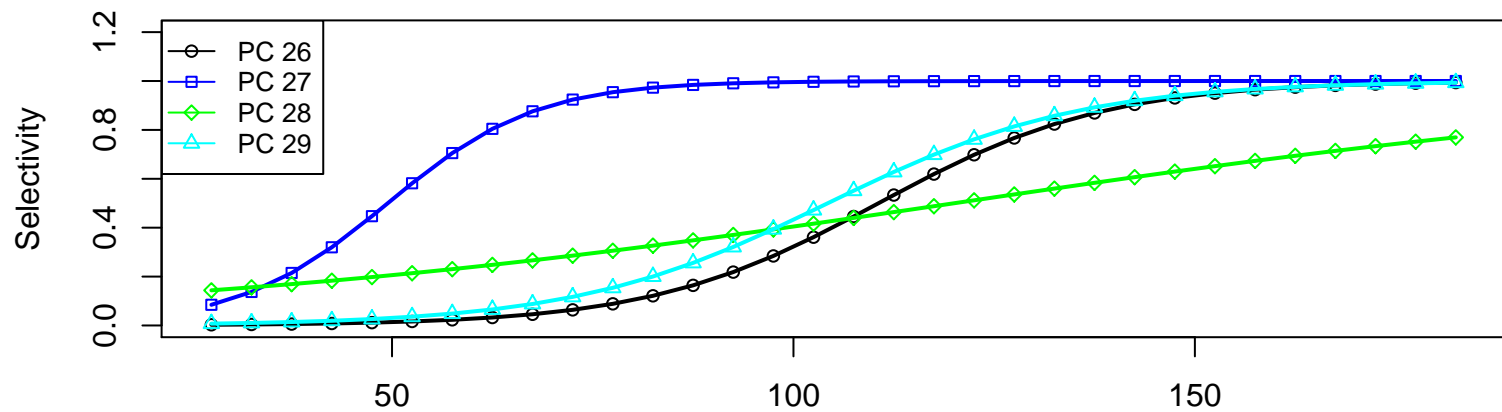
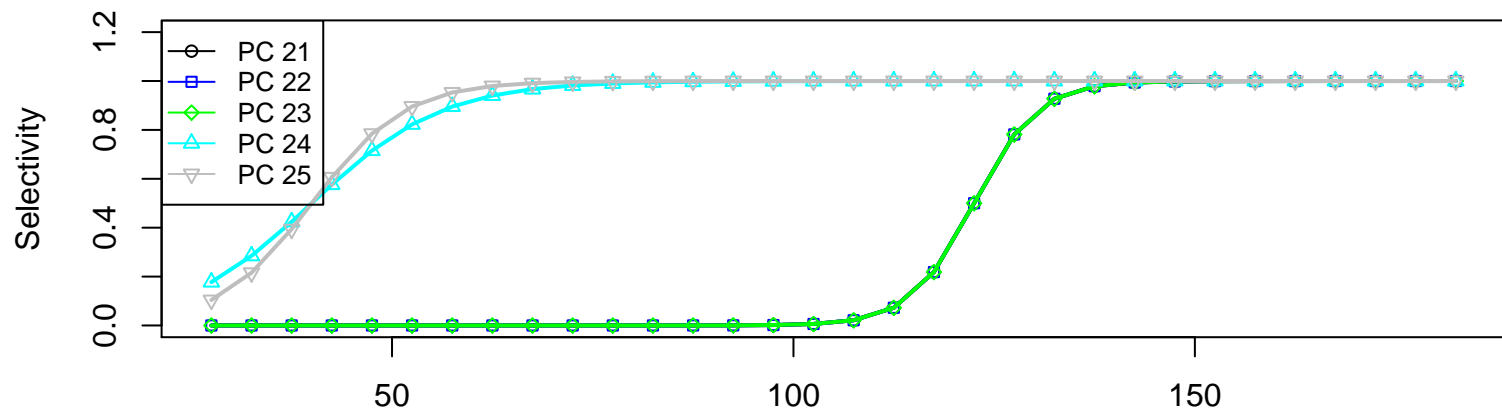




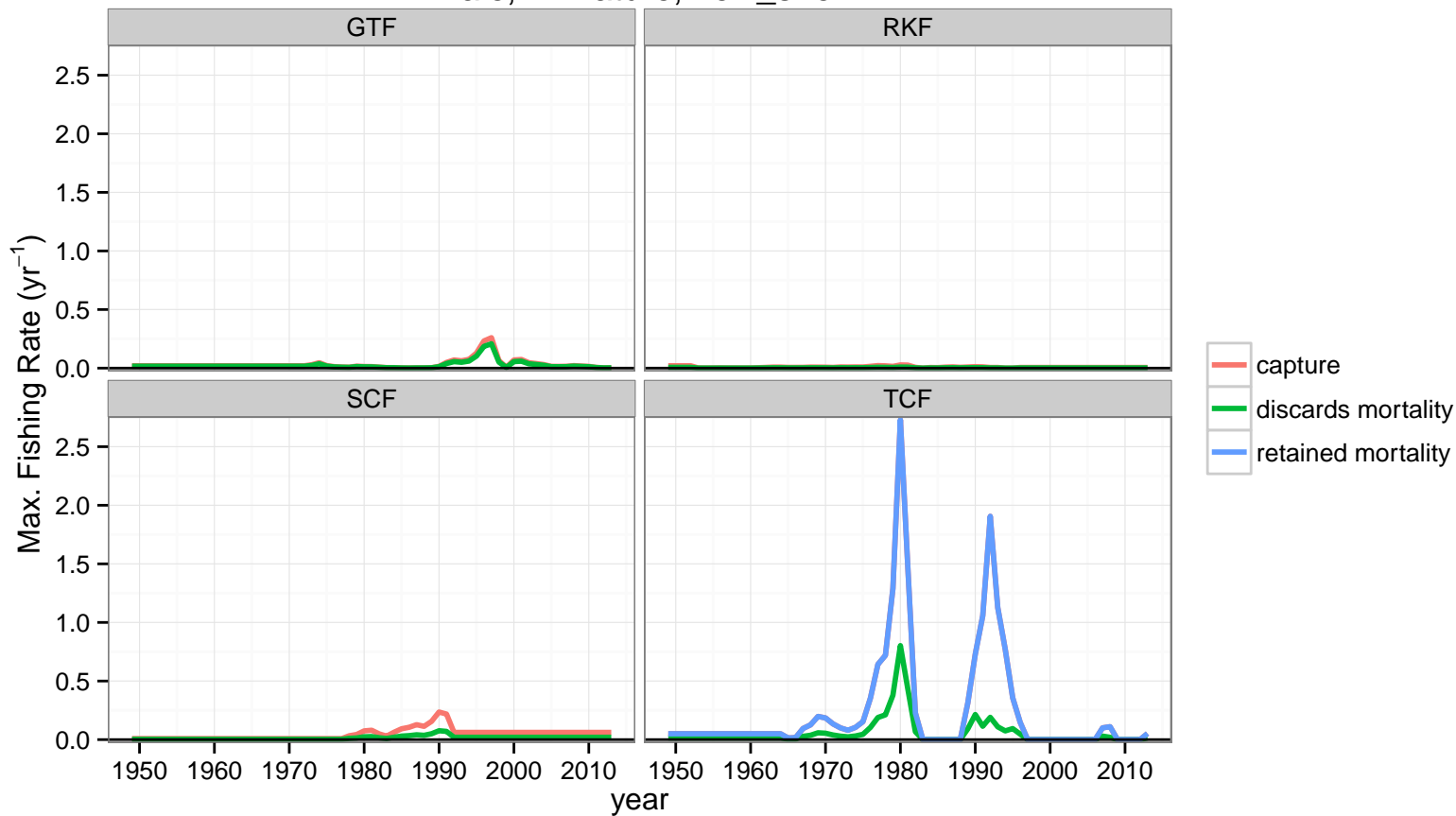




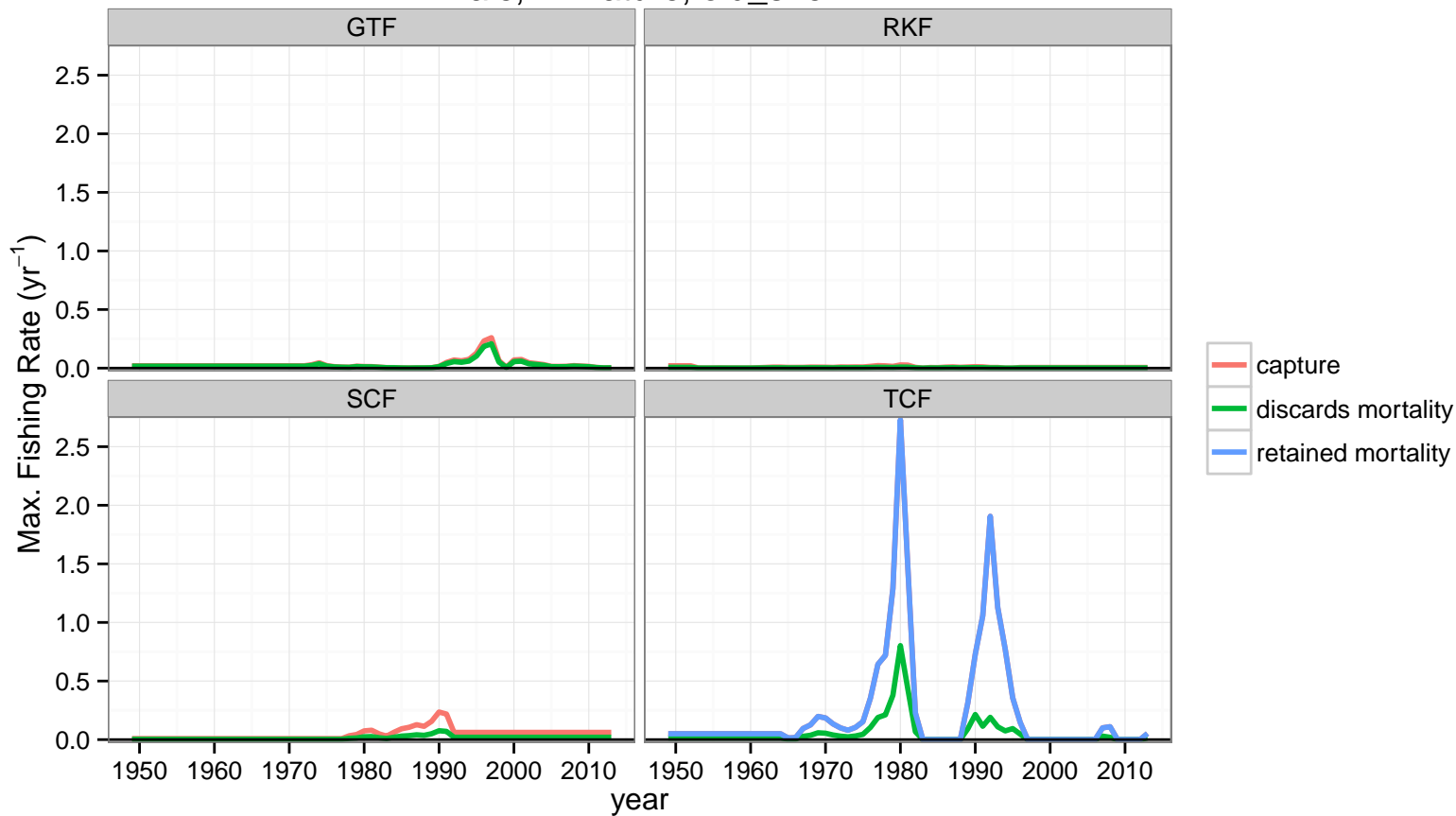




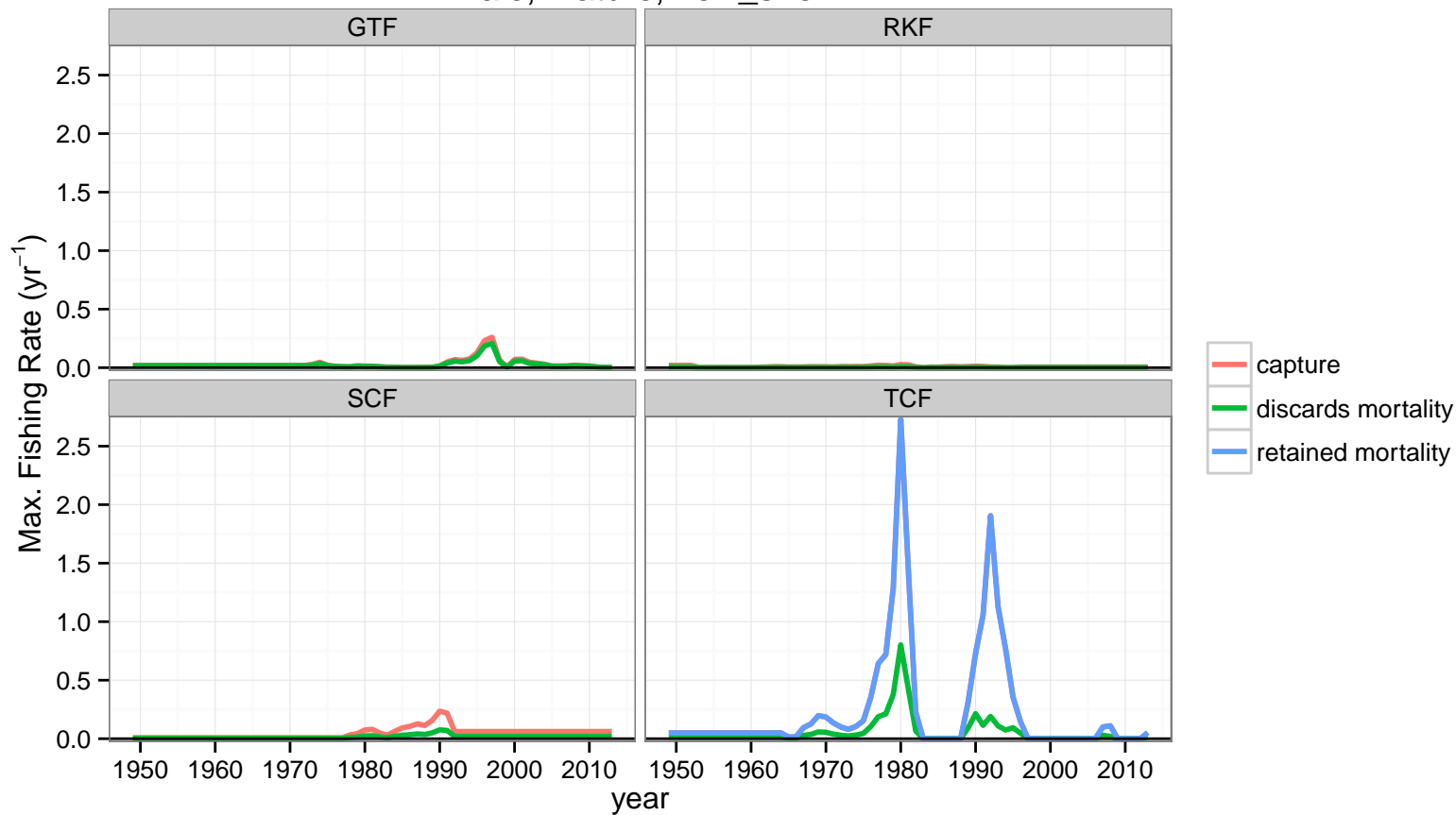
male, immature, new shell



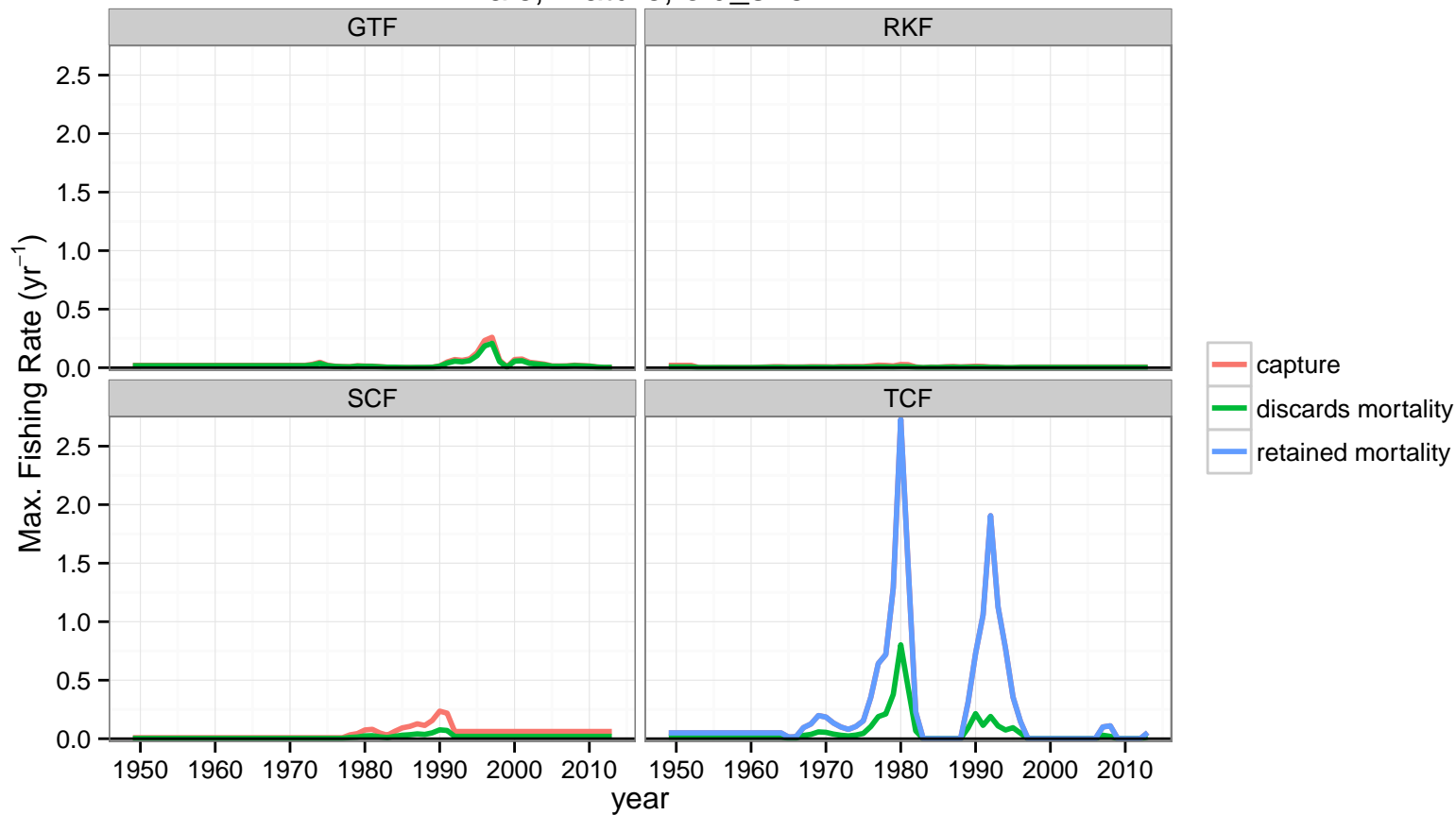
male, immature, old shell



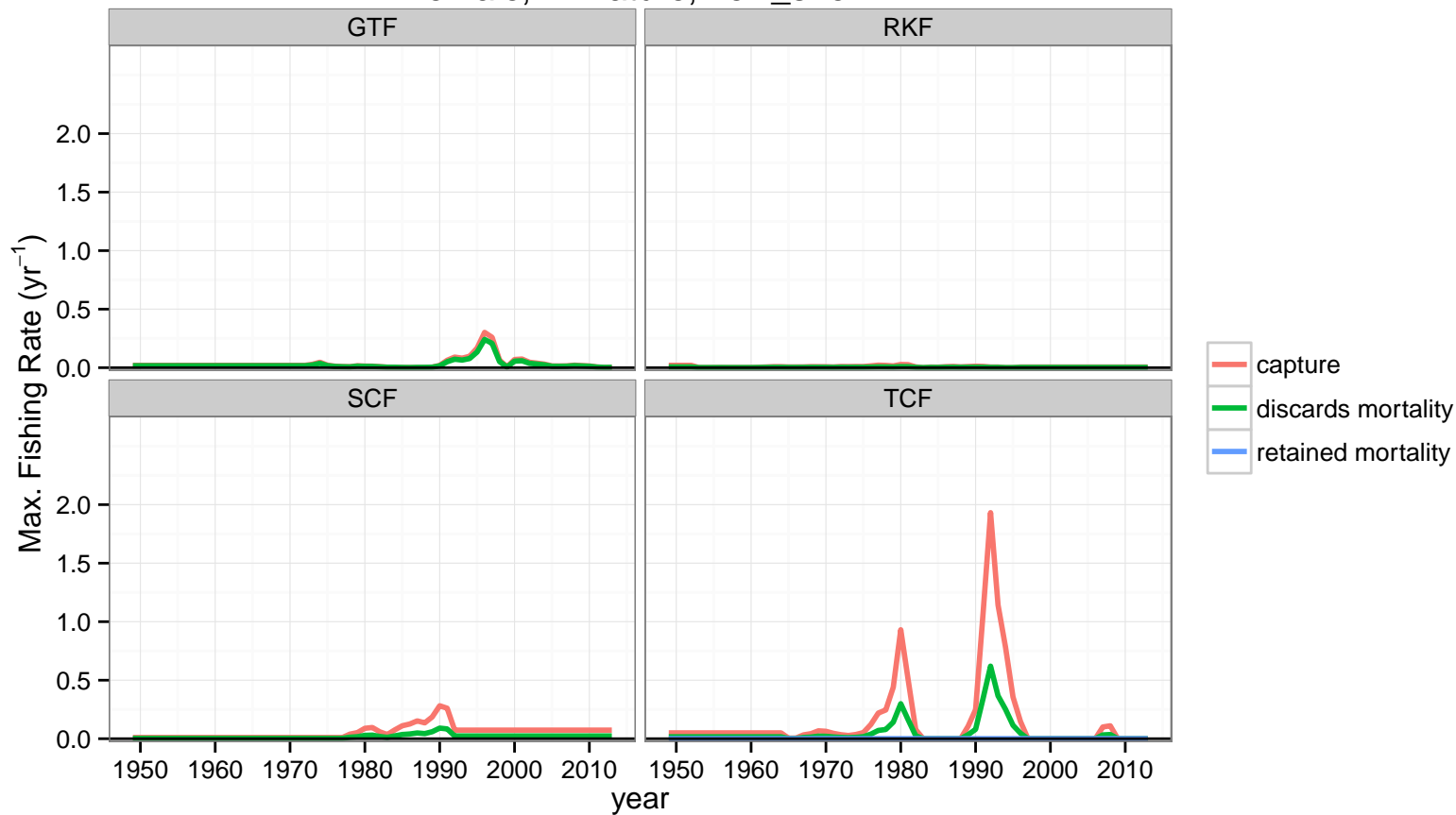
male, mature, new_shell



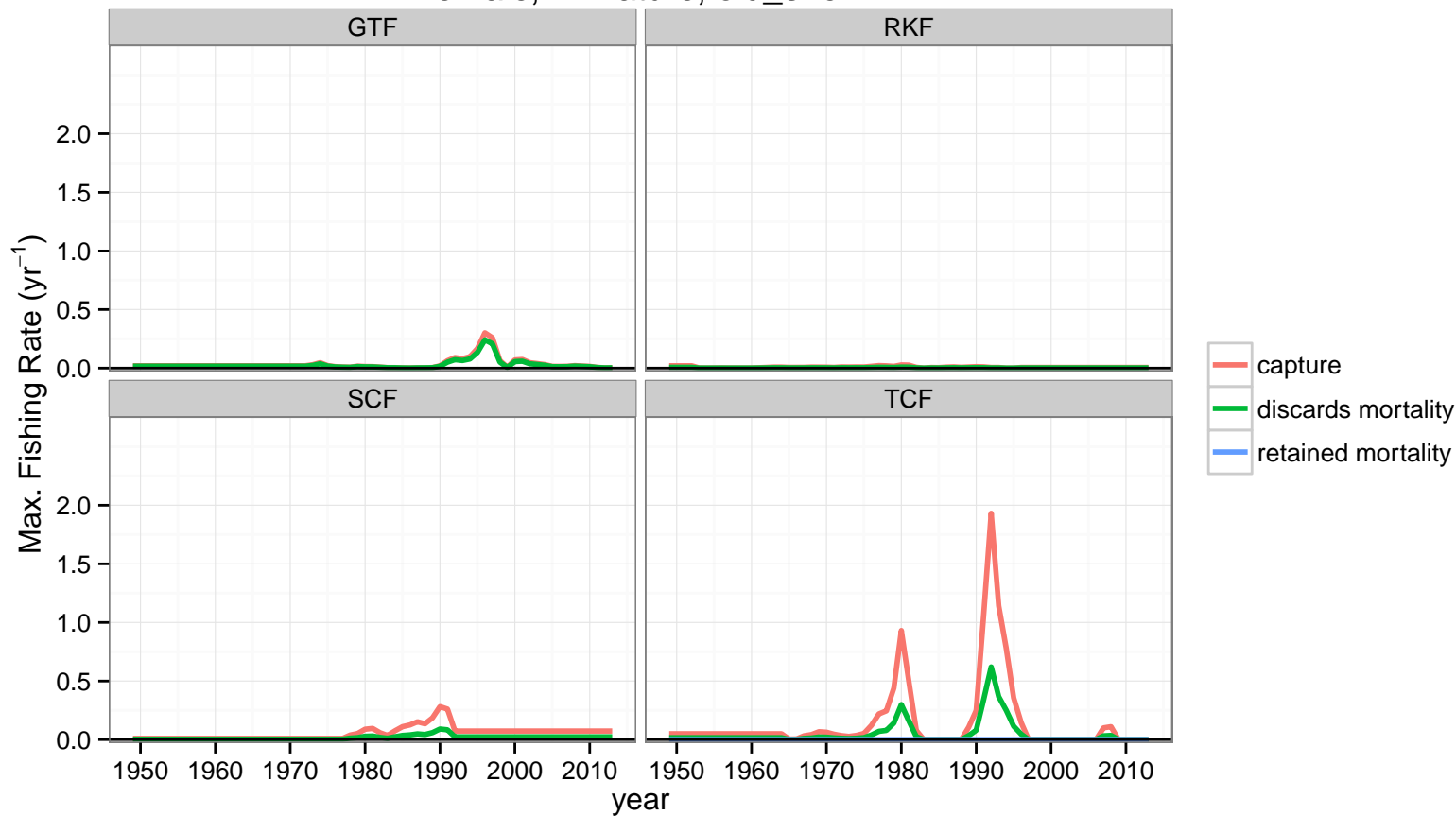
male, mature, old_shell



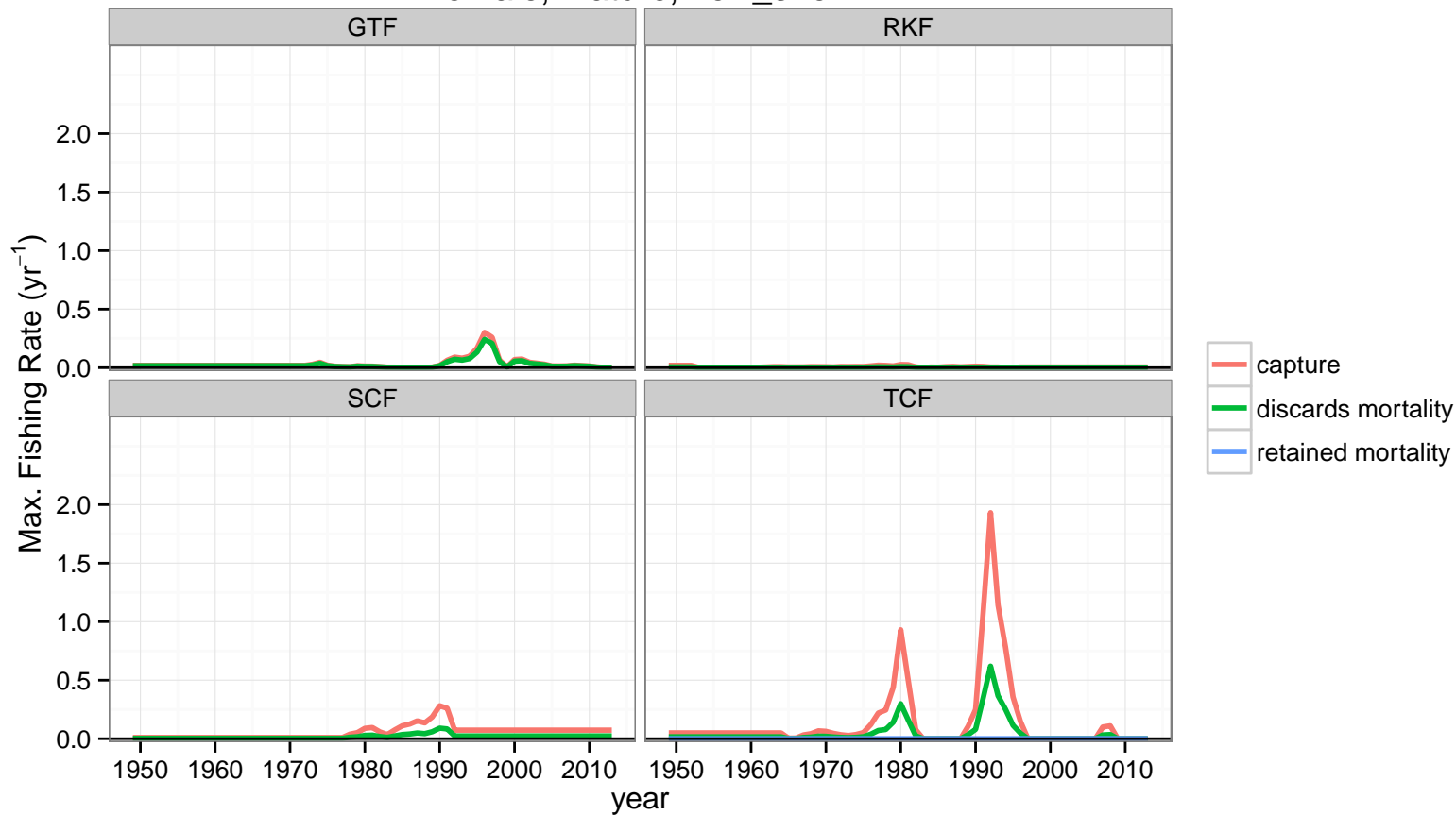
female, immature, new_shell



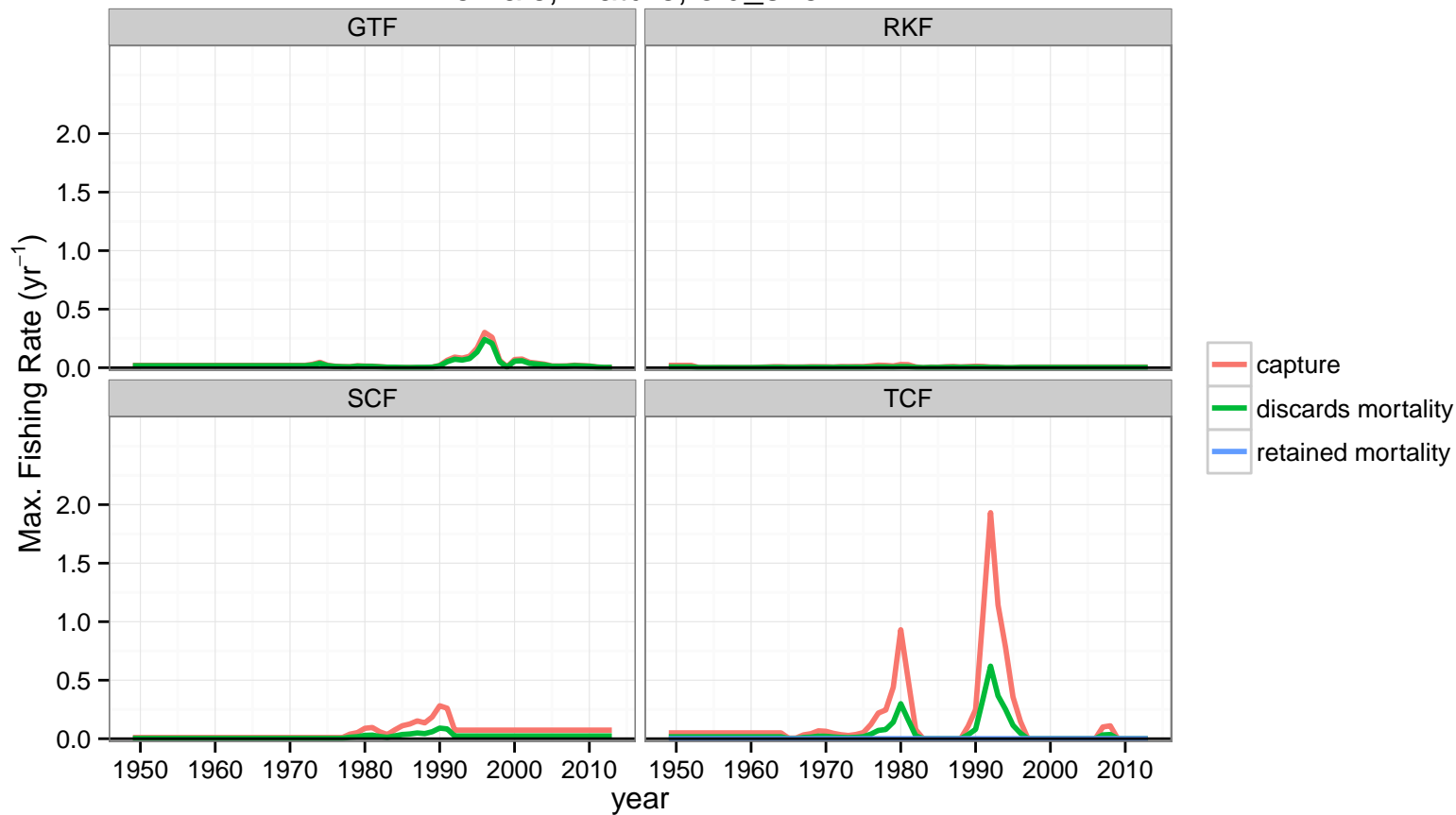
female, immature, old_shell



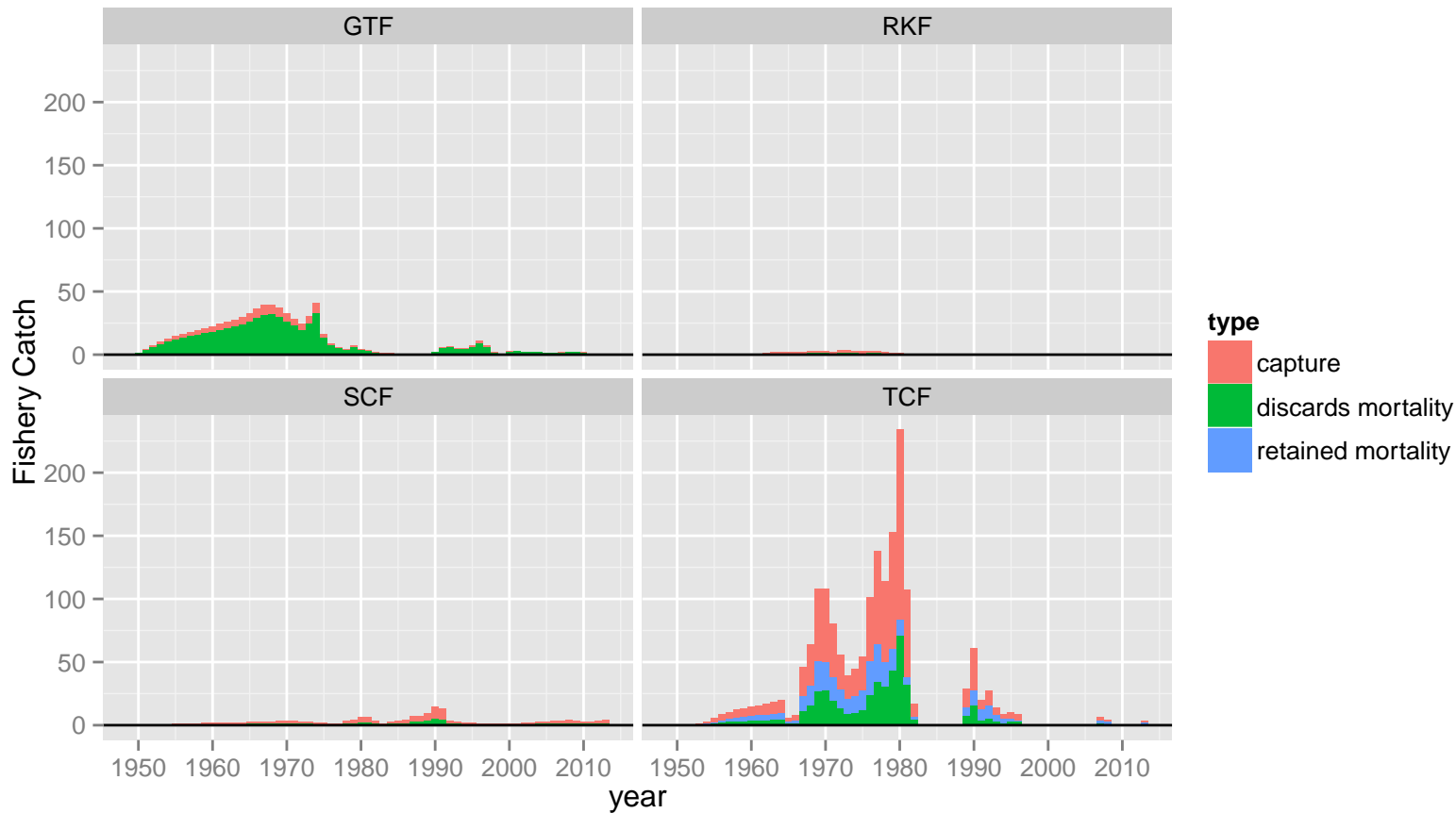
female, mature, new_shell



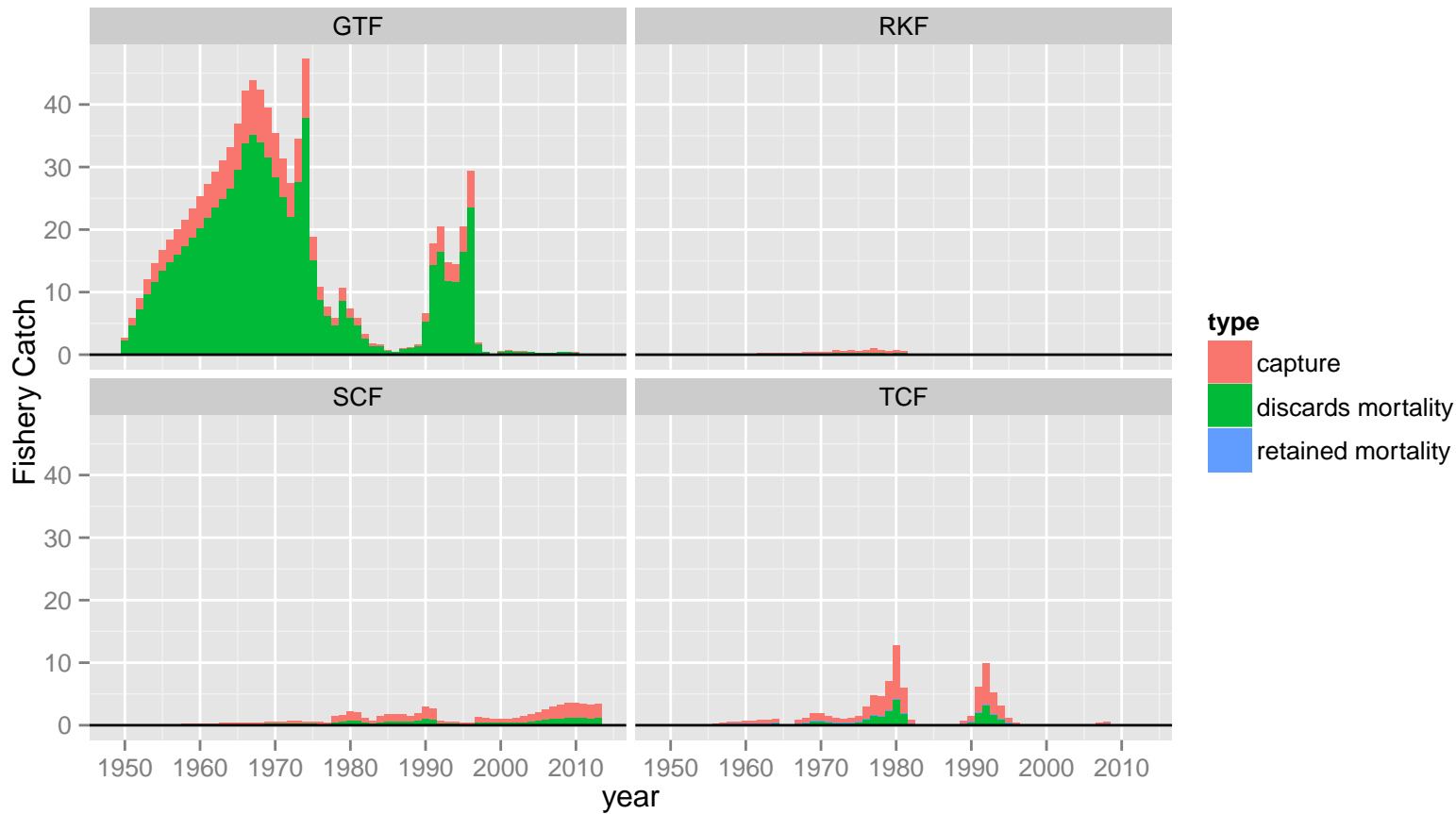
female, mature, old_shell



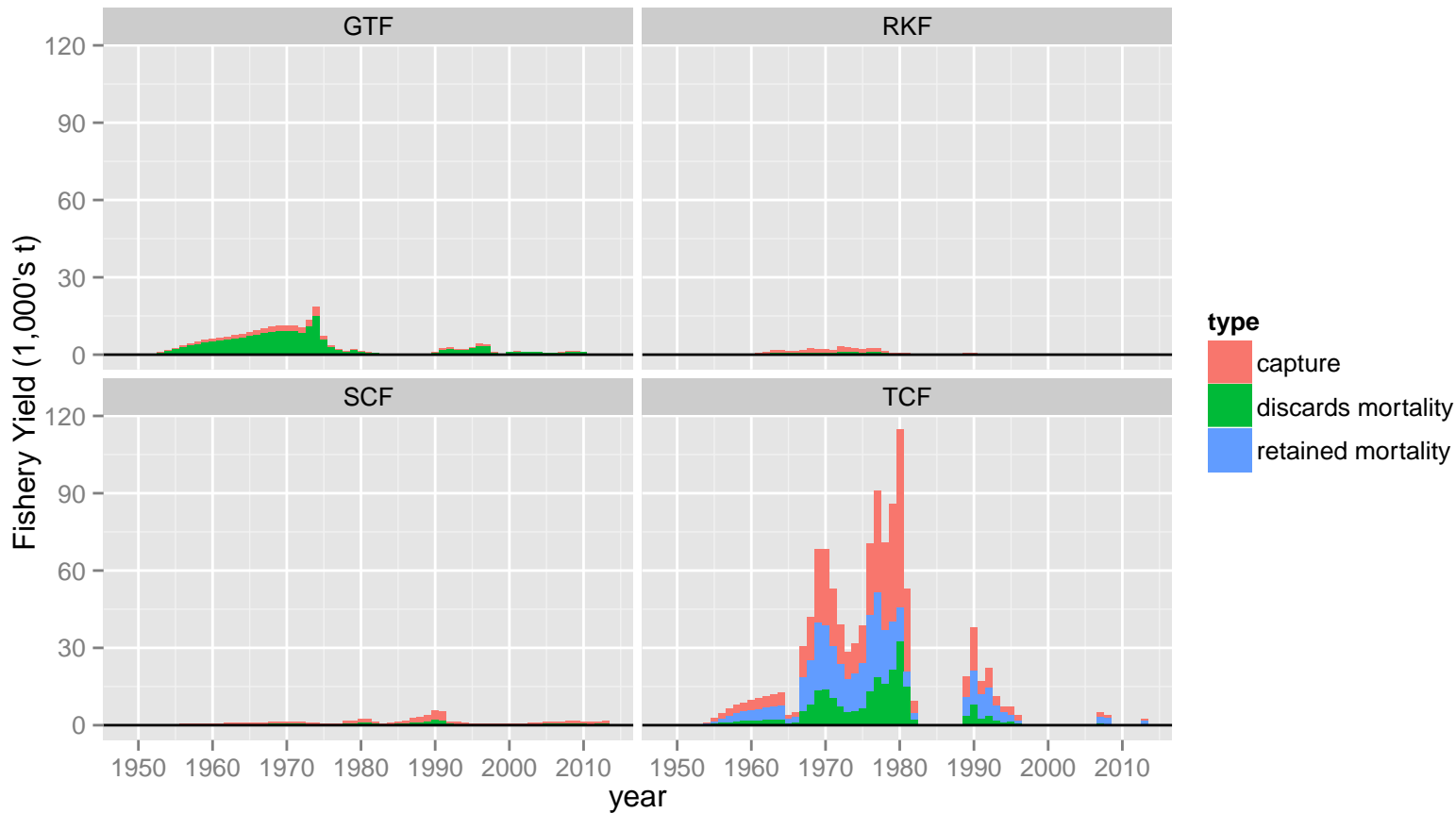
males



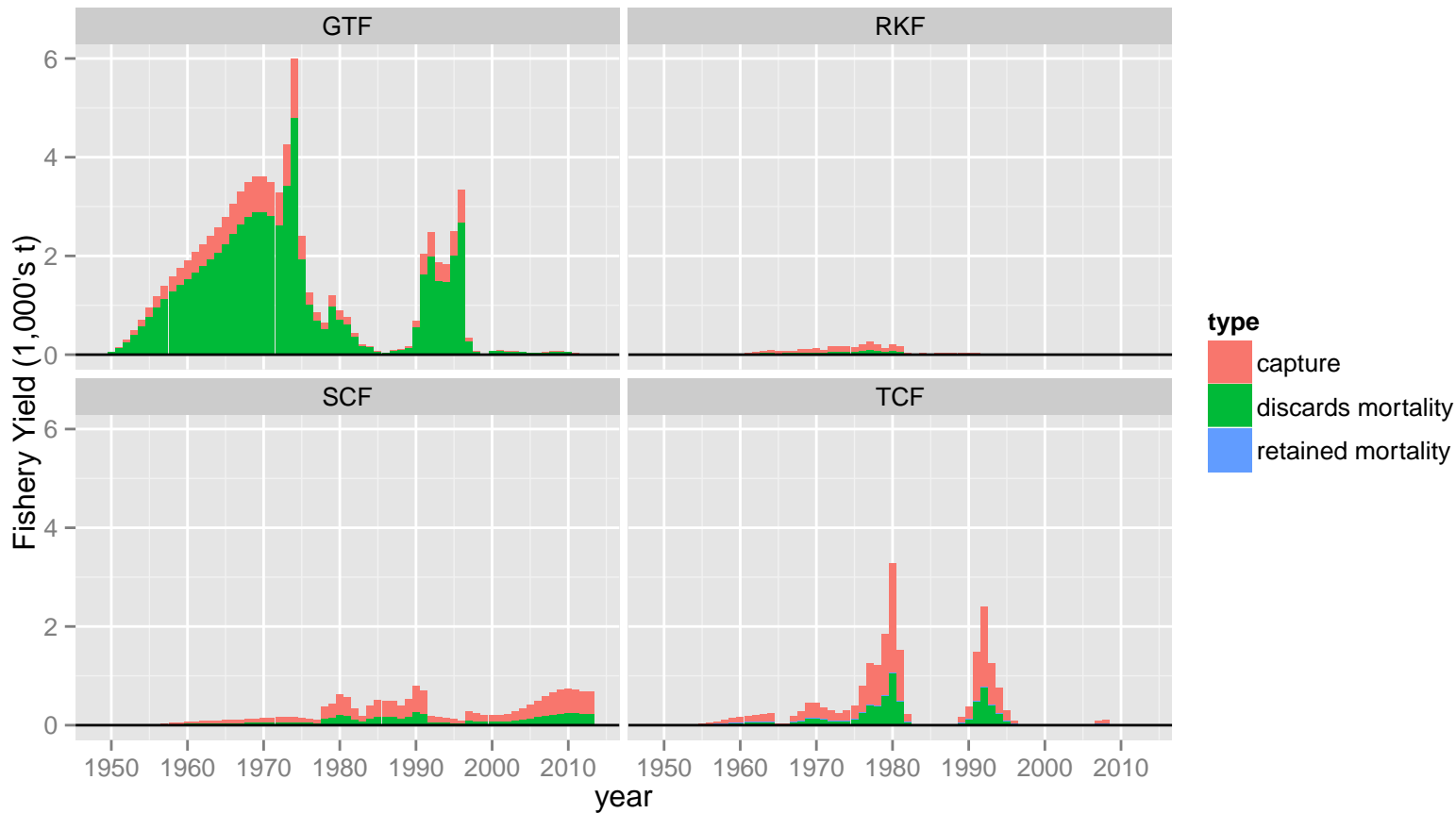
females



males



females



males



females

