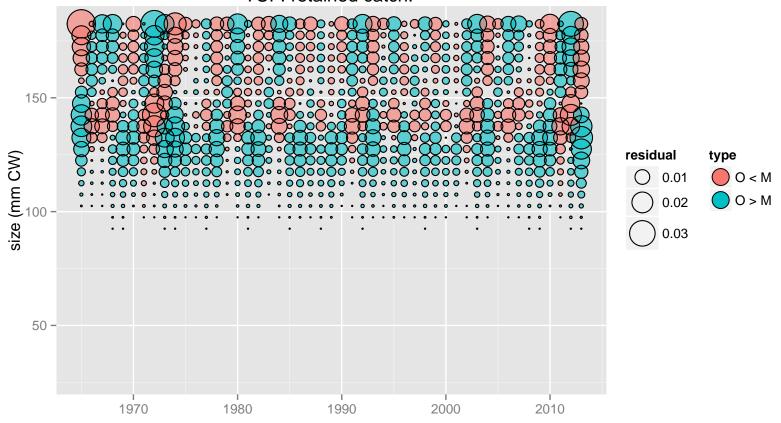
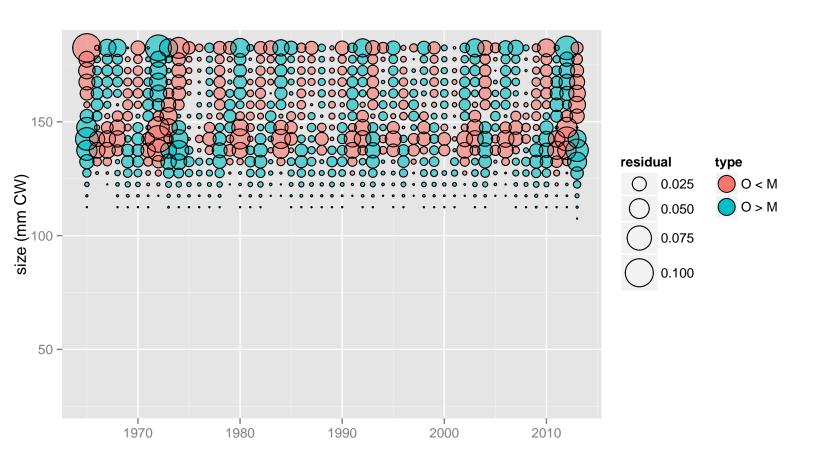
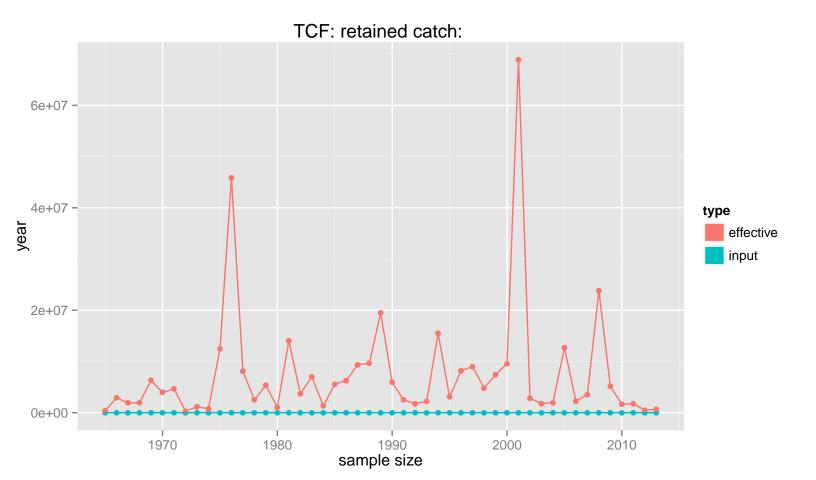
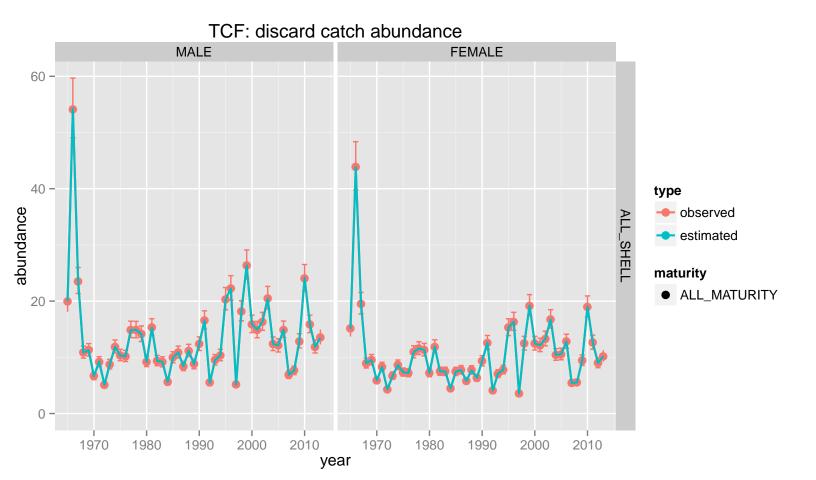


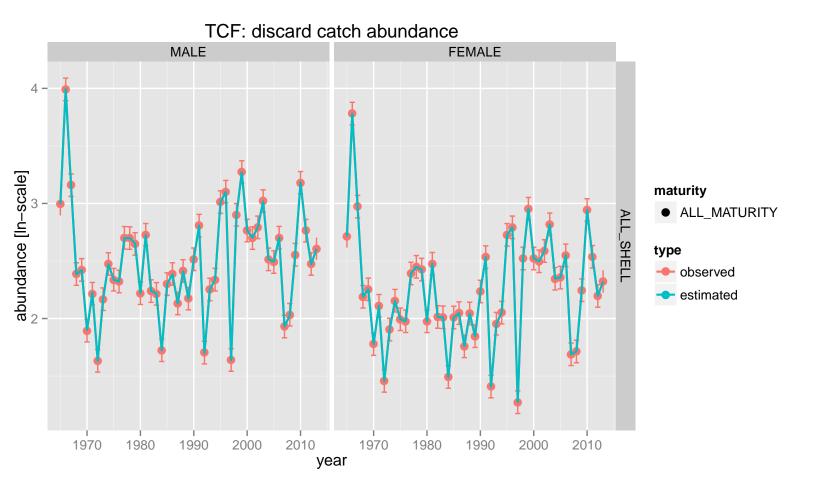
TCF: retained catch:



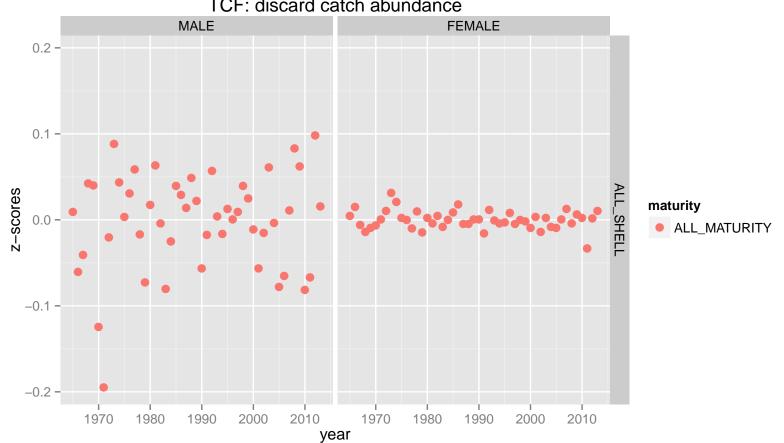


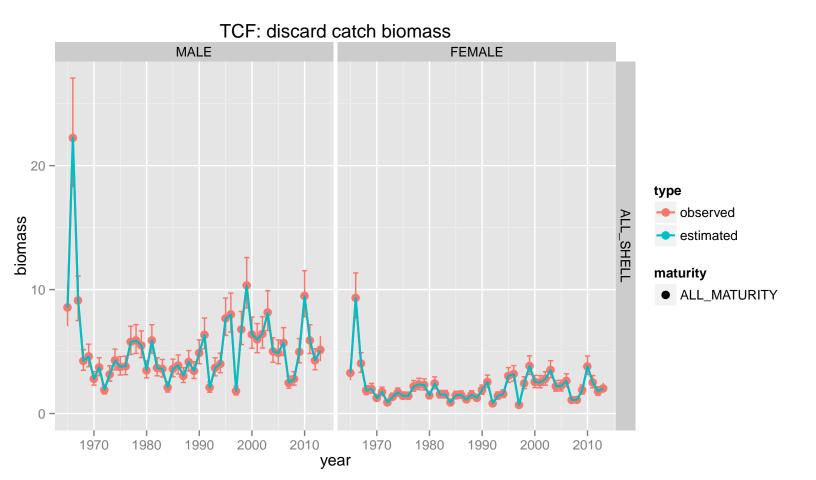






TCF: discard catch abundance

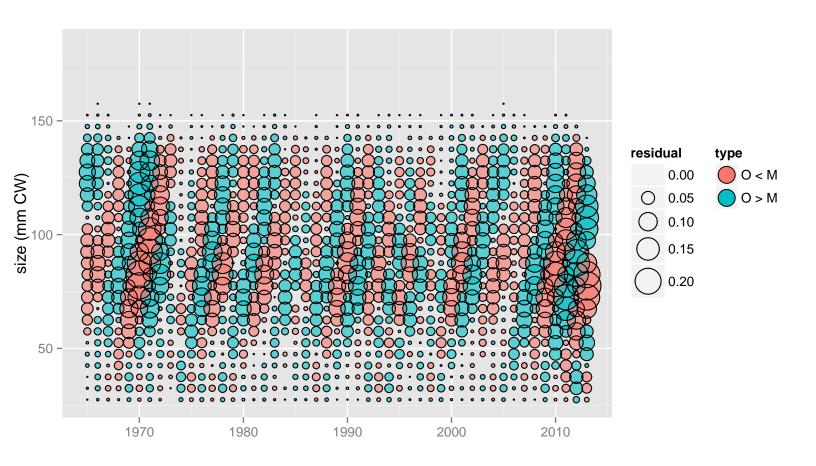


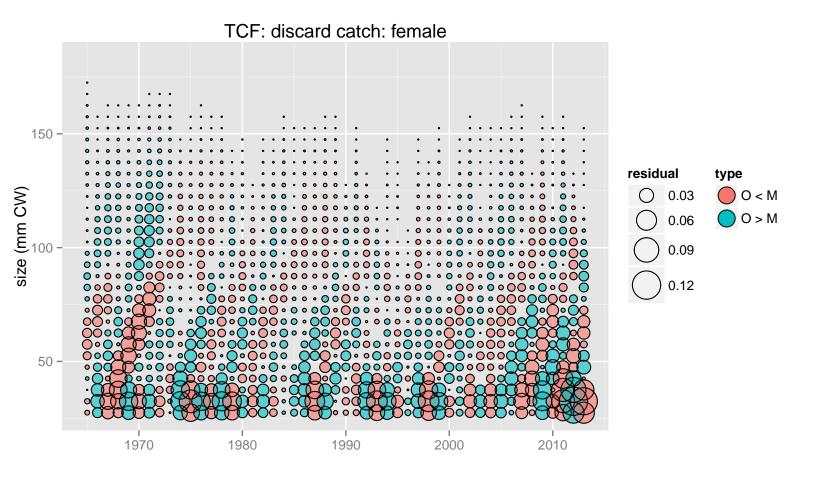


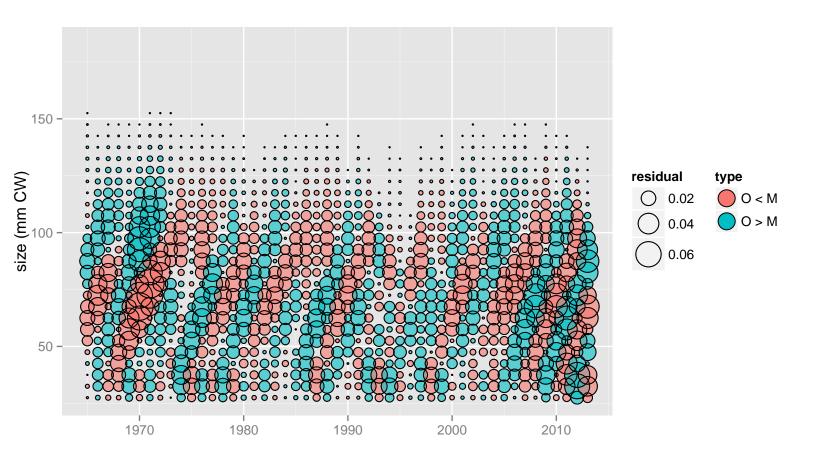
TCF: discard catch biomass MALE **FEMALE** 3 biomass [In-scale] maturity ALL_MATURITY SHELL type observed estimated 0 -1970 1980 1990 2000 2010 1970 1980 1990 2000 2010 year

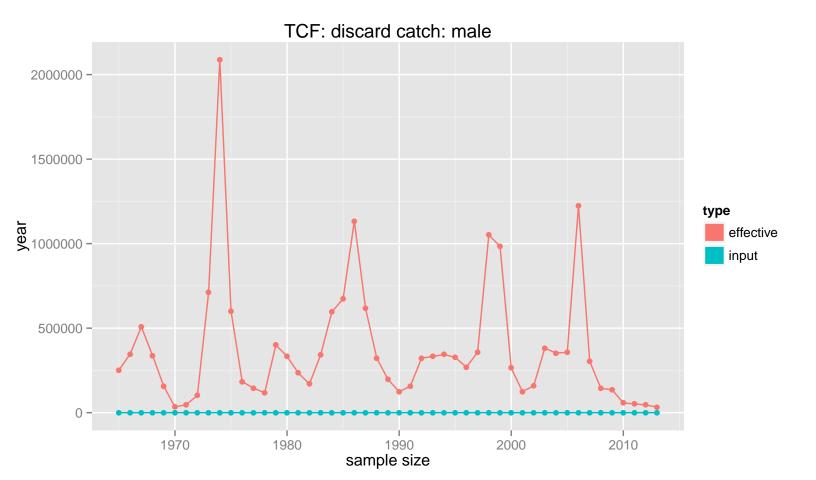
TCF: discard catch biomass MALE **FEMALE** 0.04 z-scores maturity 0.00 -ALL_MATURITY -0.04 -2000 1970 2000 1970 1980 1990 2010 1980 1990 2010 year

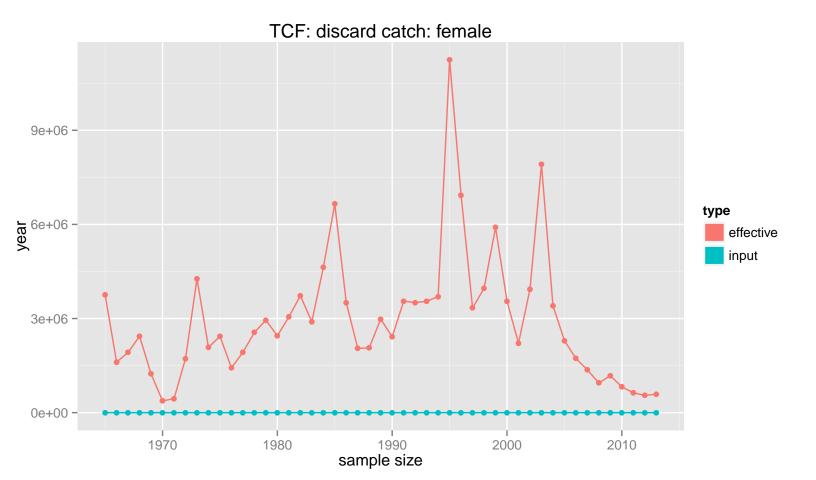
TCF: discard catch: male 150 residual type O < M 0.03 50 -1970

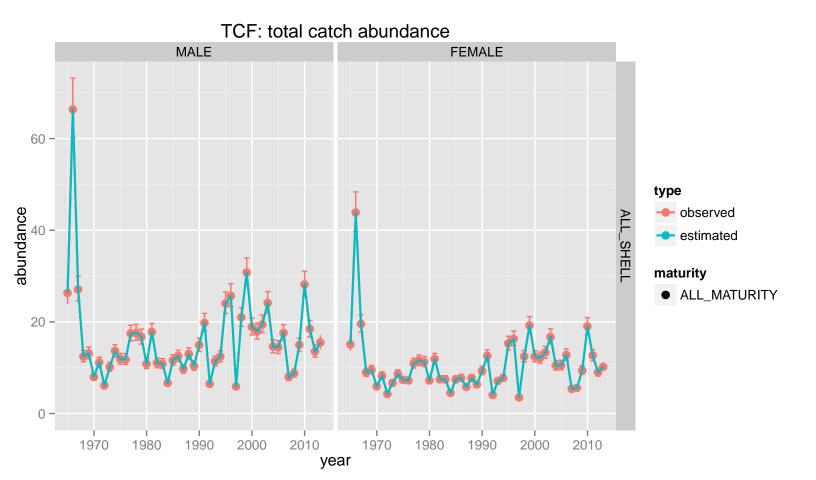


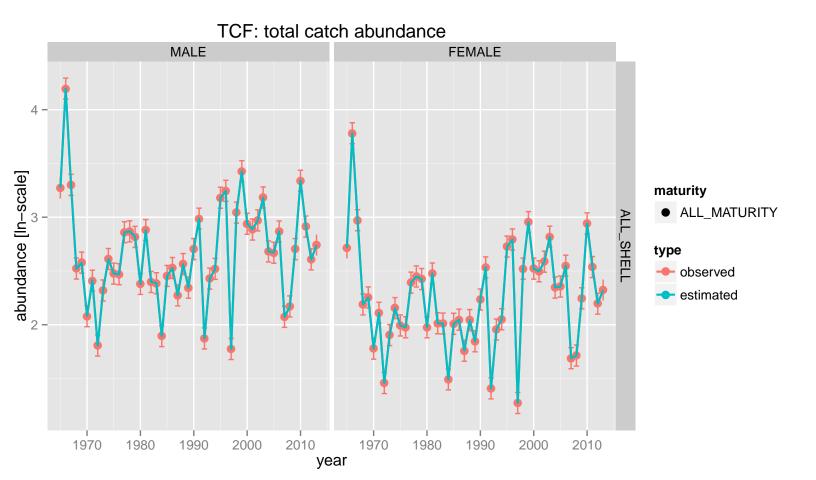


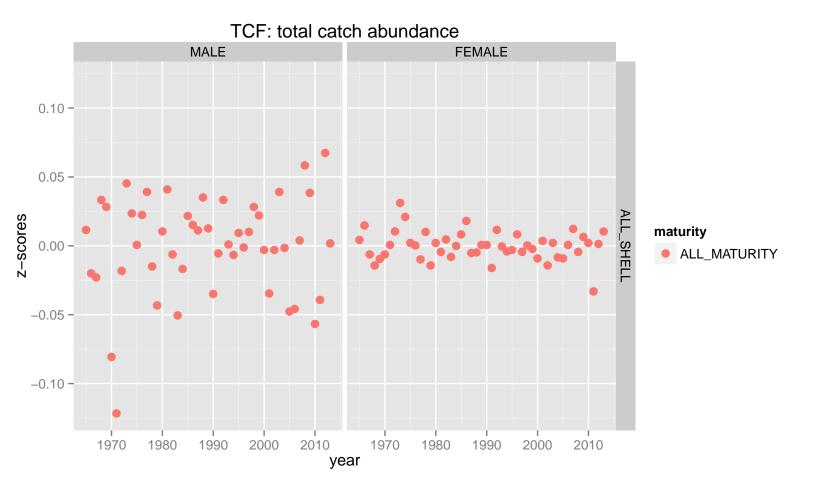




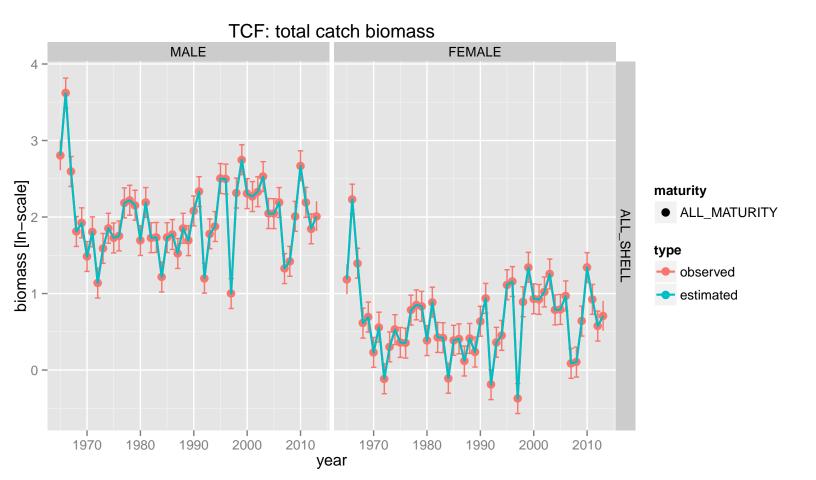






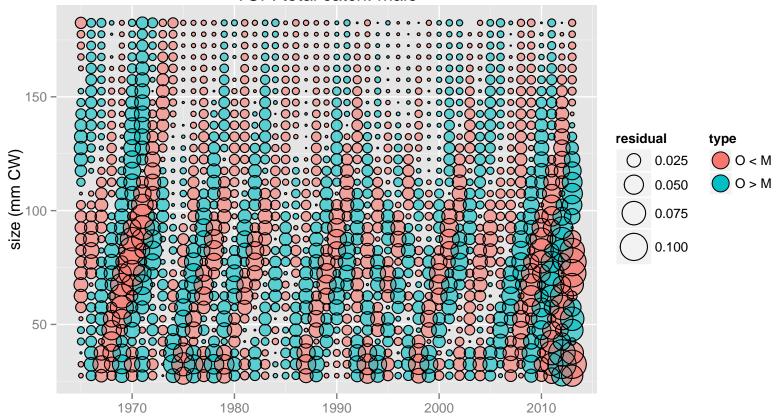


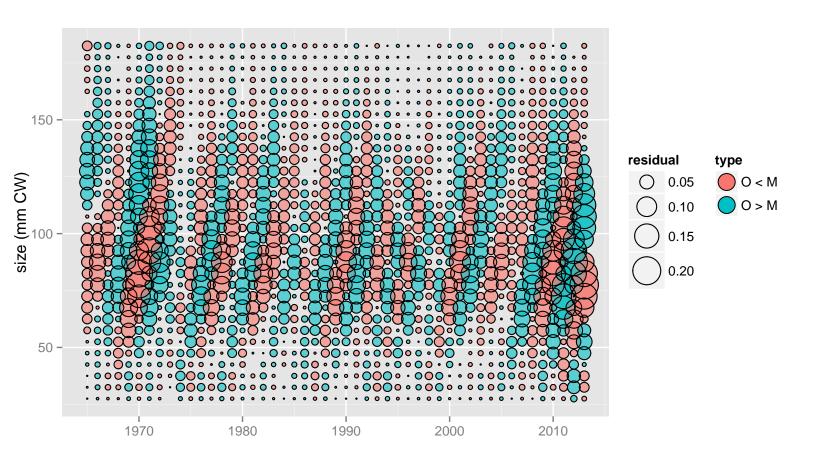
TCF: total catch biomass MALE **FEMALE** 40 -30 type observed ALL_SHELL biomass 50 estimated maturity ALL_MATURITY 10 -0 -1970 1980 1990 2000 2010 1970 1980 1990 2000 2010 year

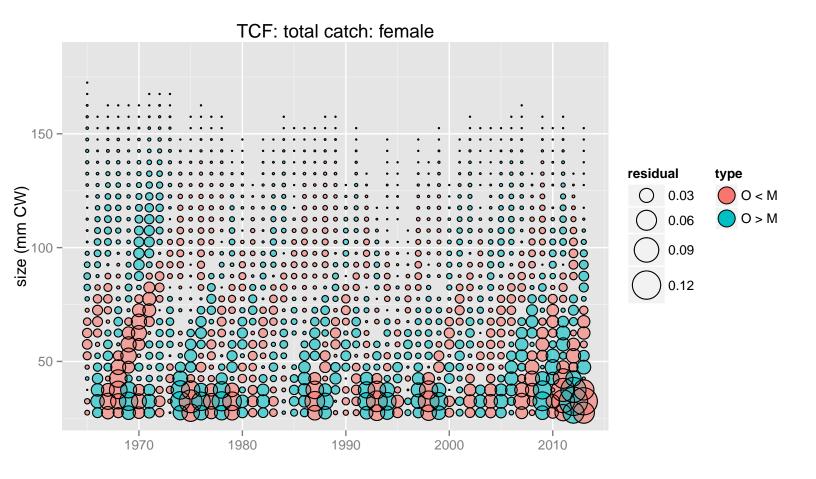


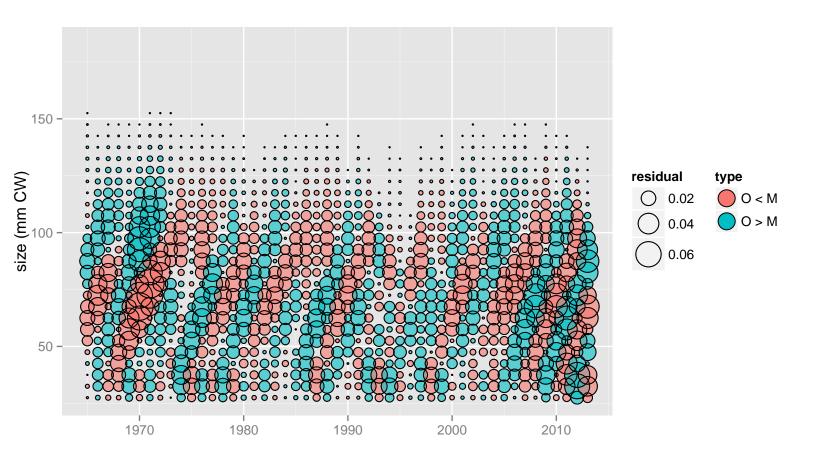
TCF: total catch biomass MALE **FEMALE** 0.04 -0.02 z-scores maturity 0.00 -ALL_MATURITY -0.02 --0.04 -1970 2000 1970 1980 1990 2000 2010 1980 1990 2010 year

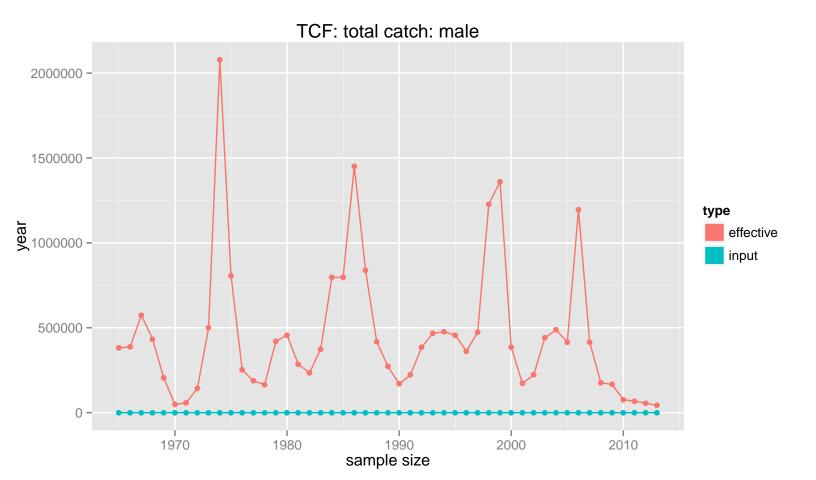
TCF: total catch: male

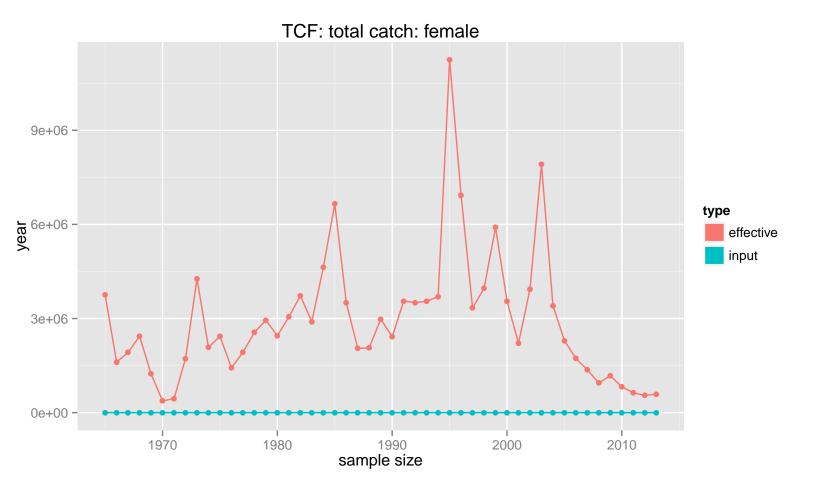


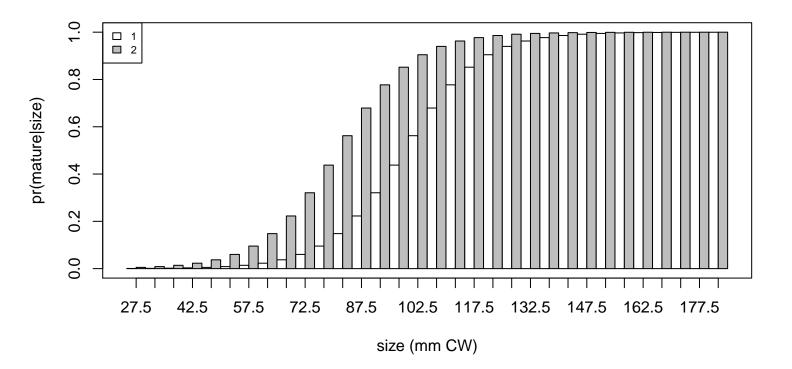




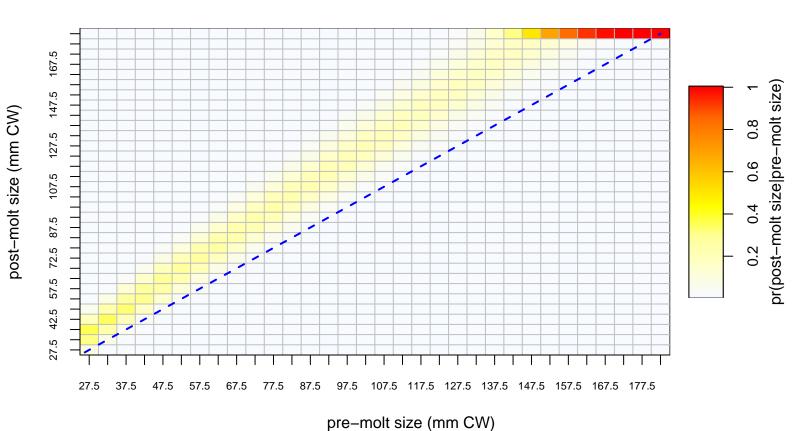




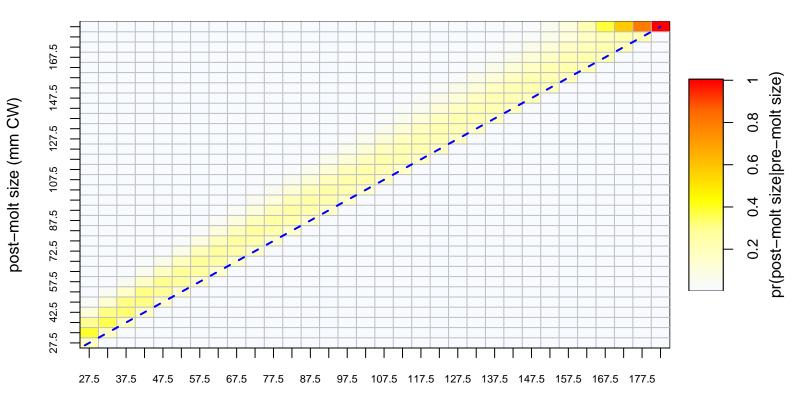




Growth Matrix (1)



Growth Matrix (2)



pre-molt size (mm CW)

