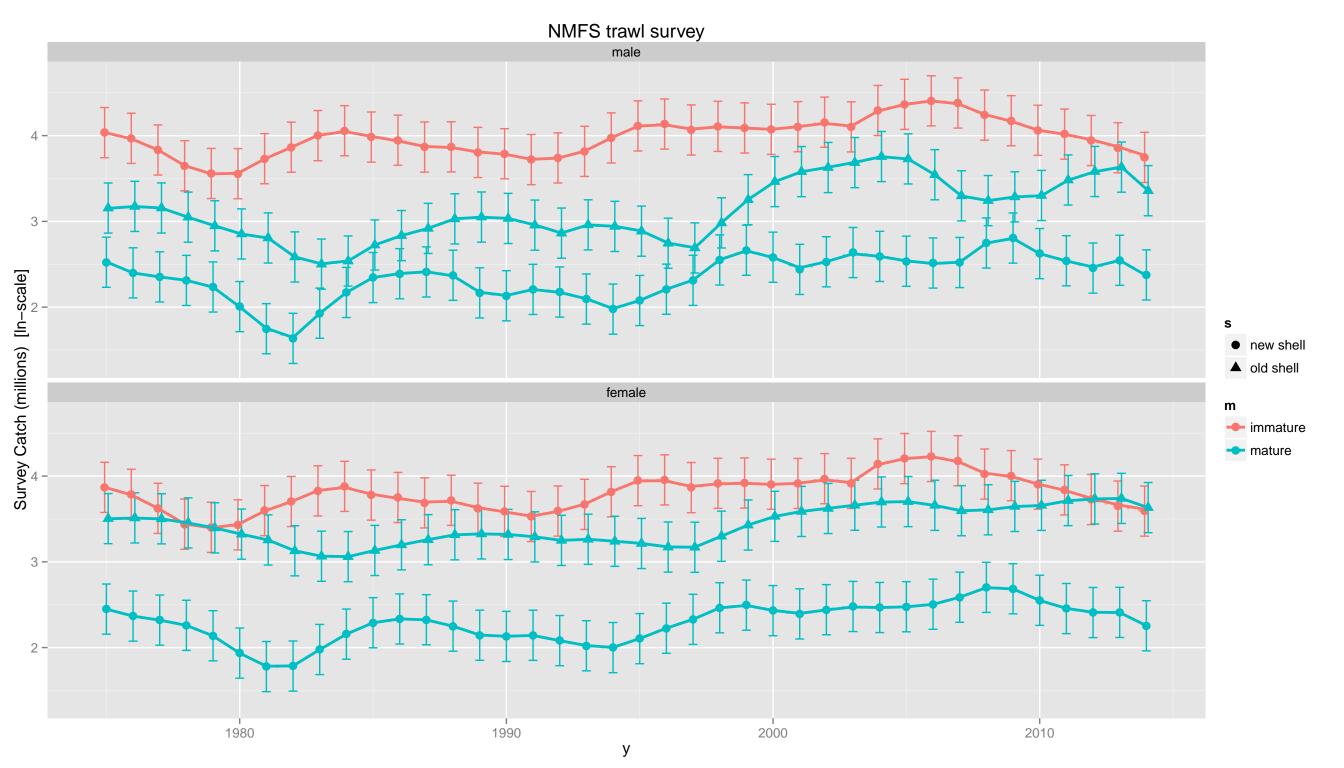
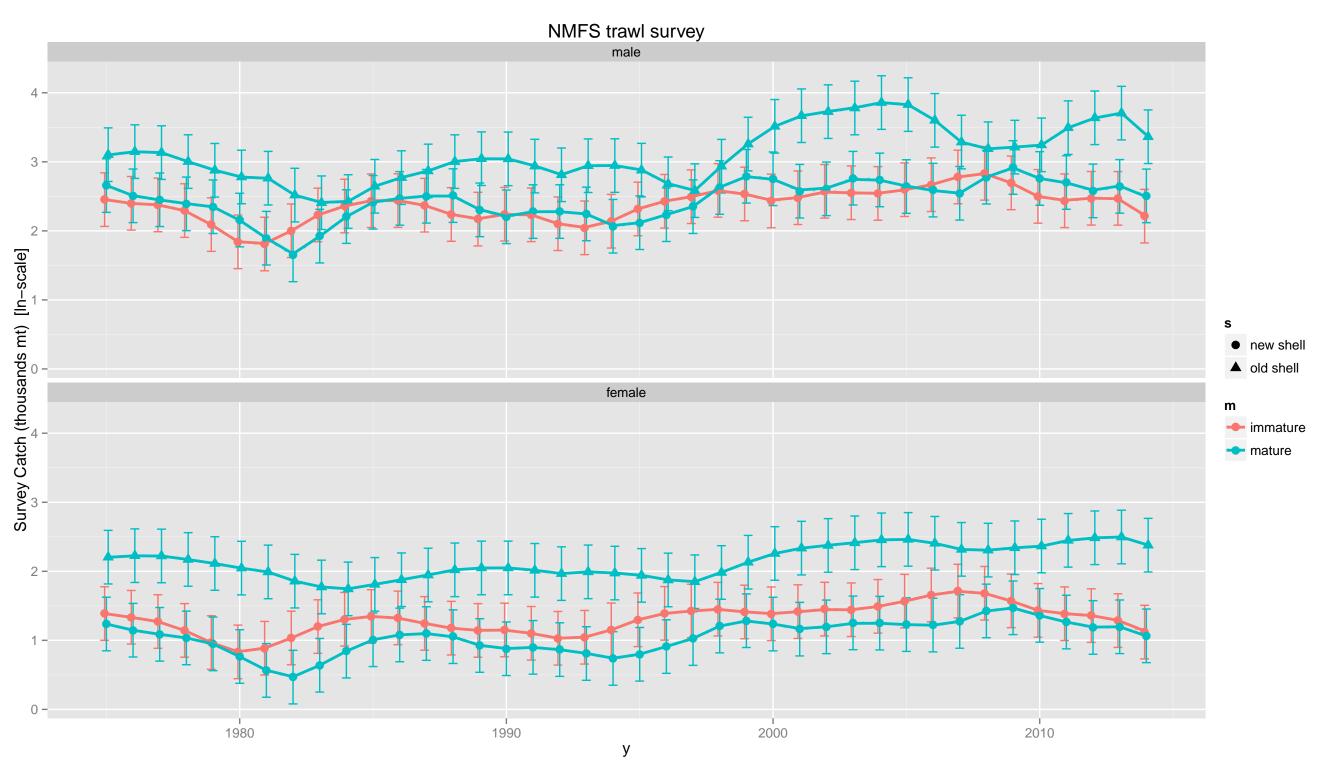
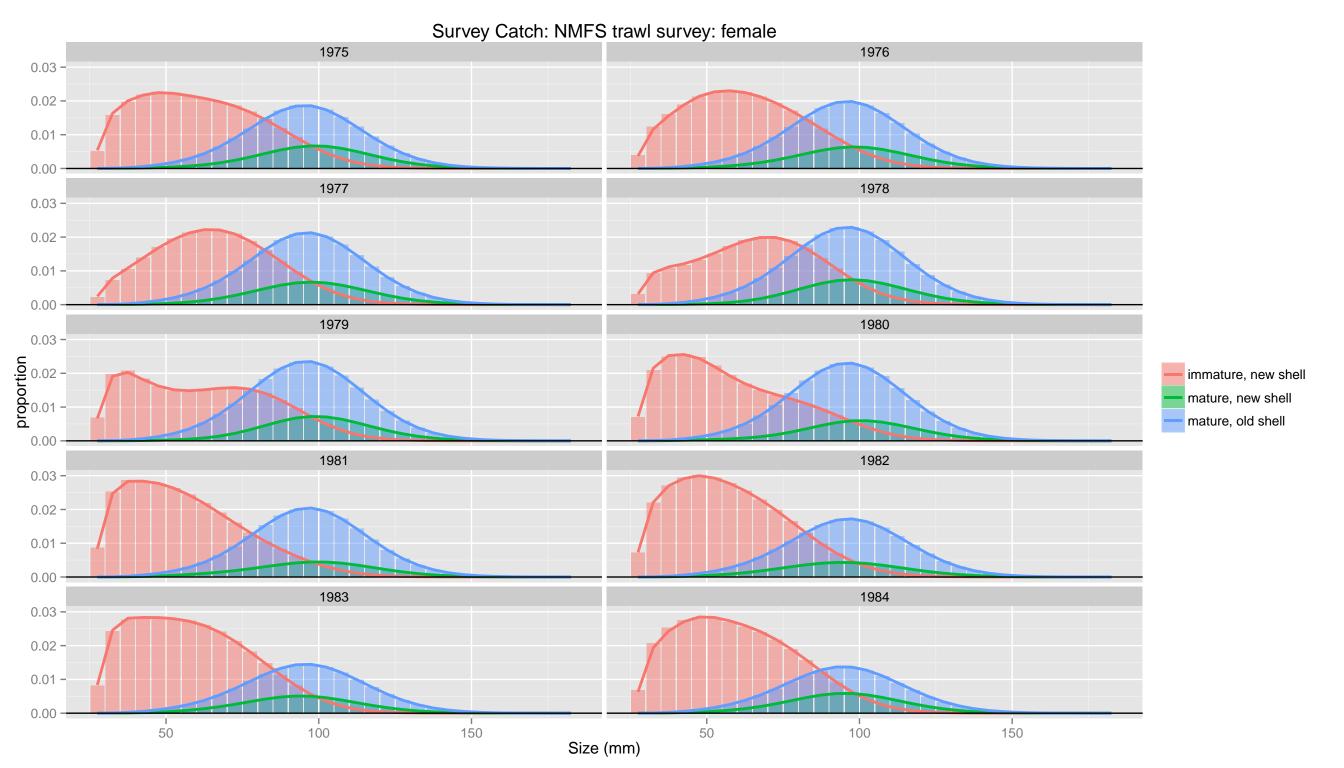


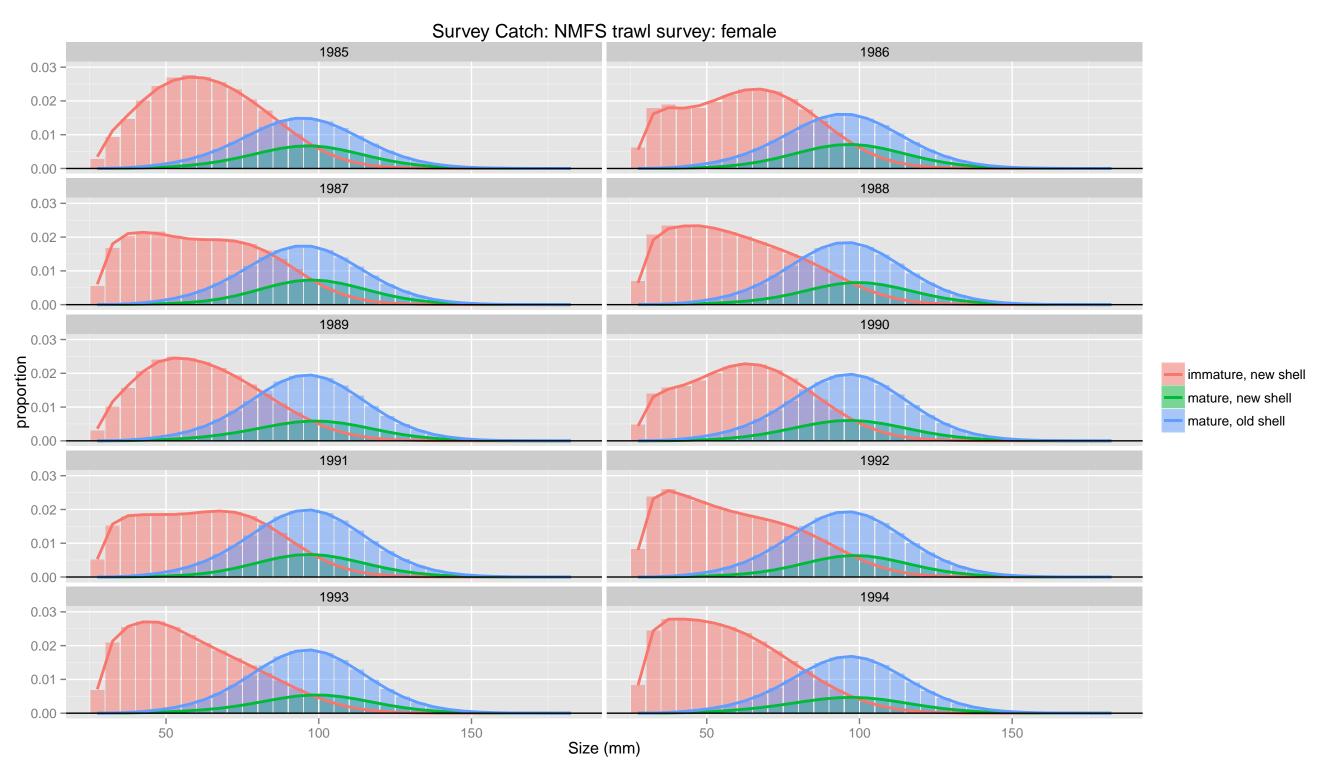
NMFS trawl survey male 90 -60 -30 -Survey Catch (millions) S new shell ▲ old shell female m immature mature 60 -30 -0 -1990 1980 2000 2010

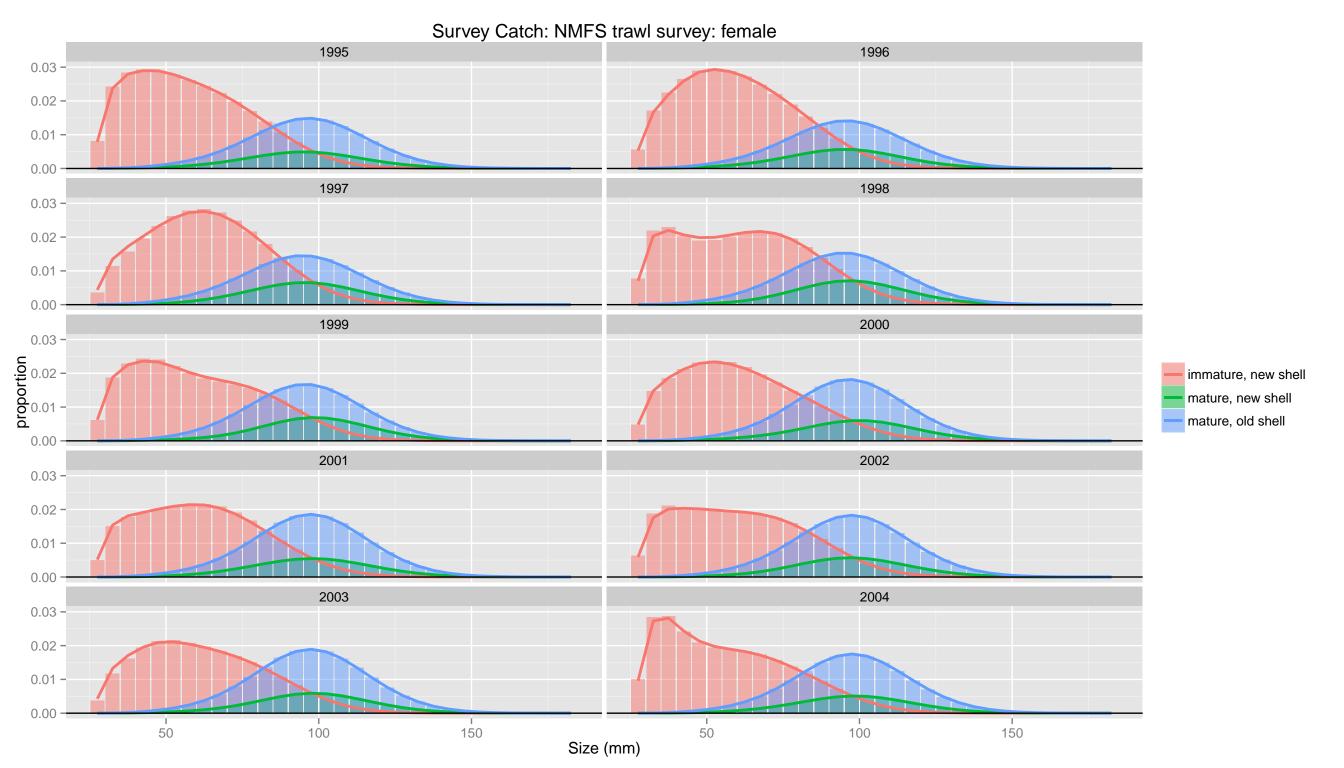


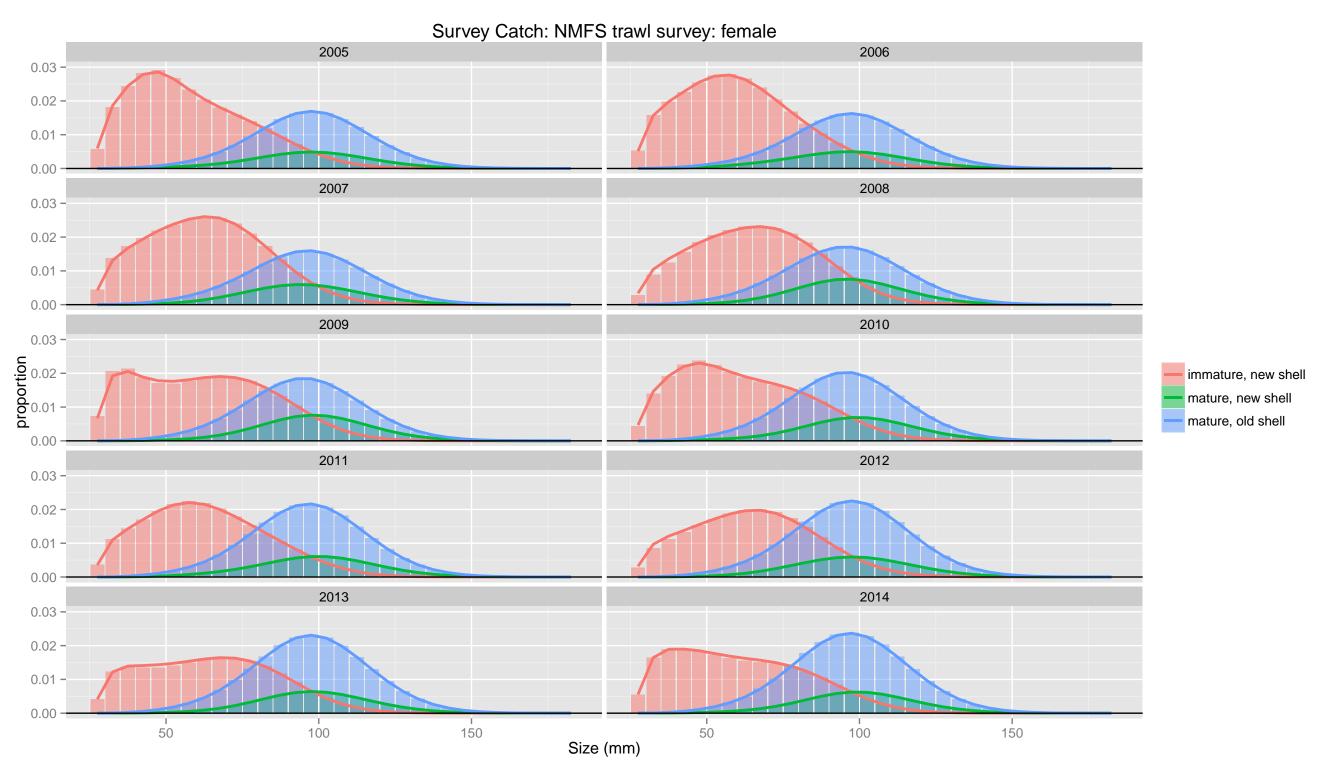
NMFS trawl survey male 60 -40 -Survey Catch (thousands mt) S new shell ▲ old shell female m immature mature 40 -20 -0 -1980 1990 2000 2010

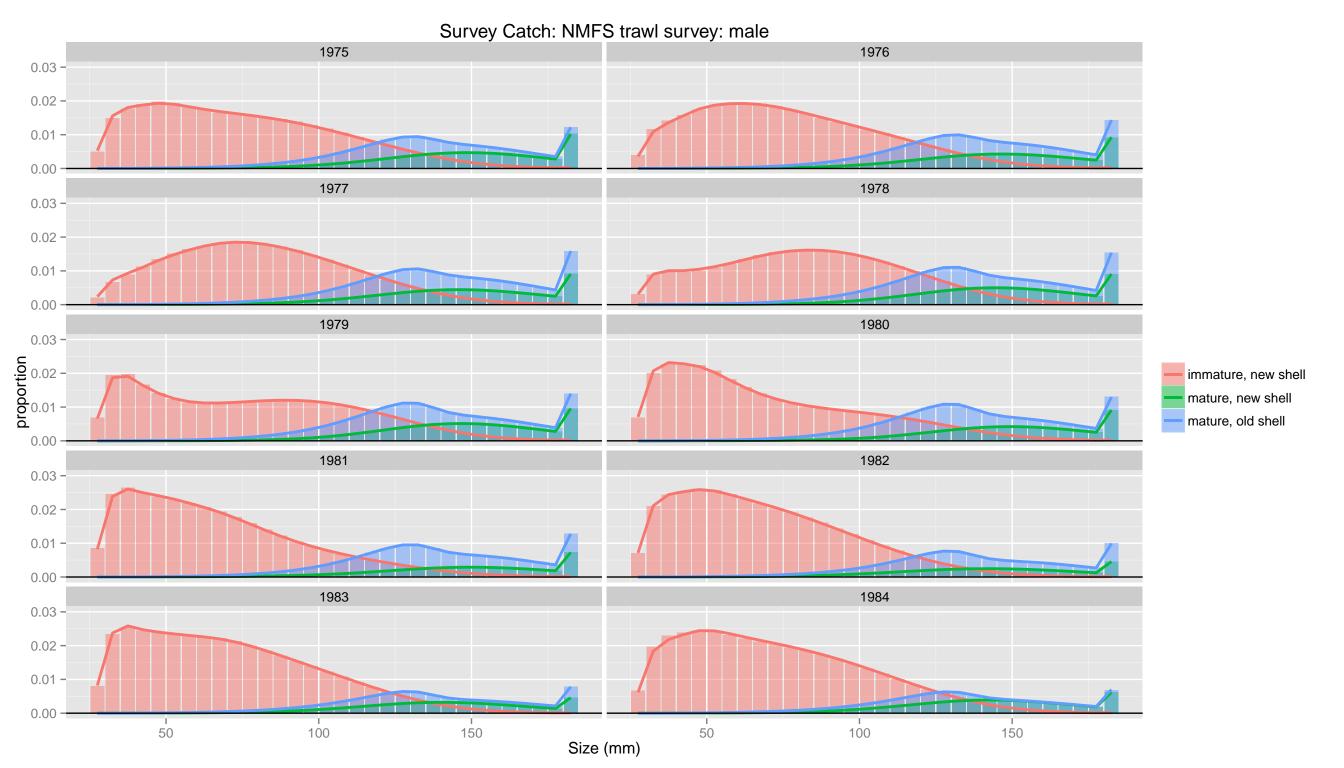


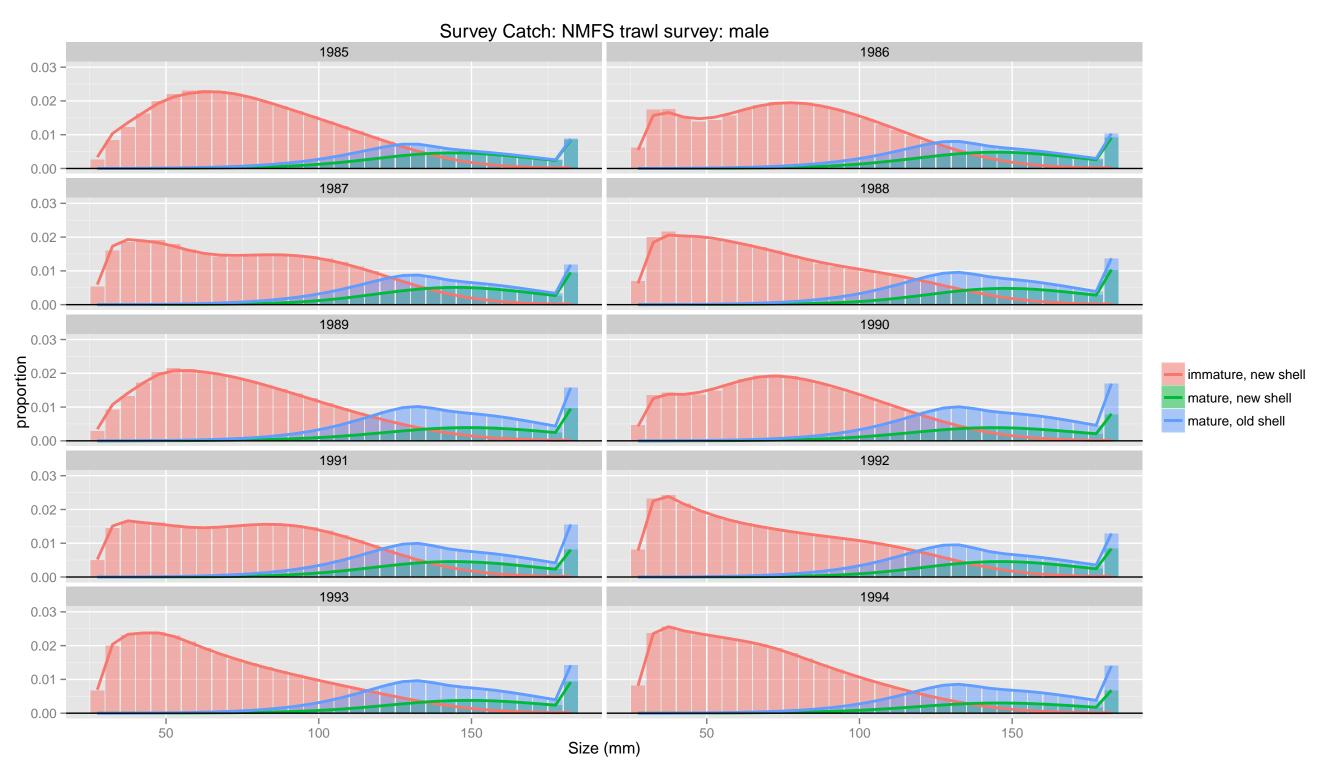


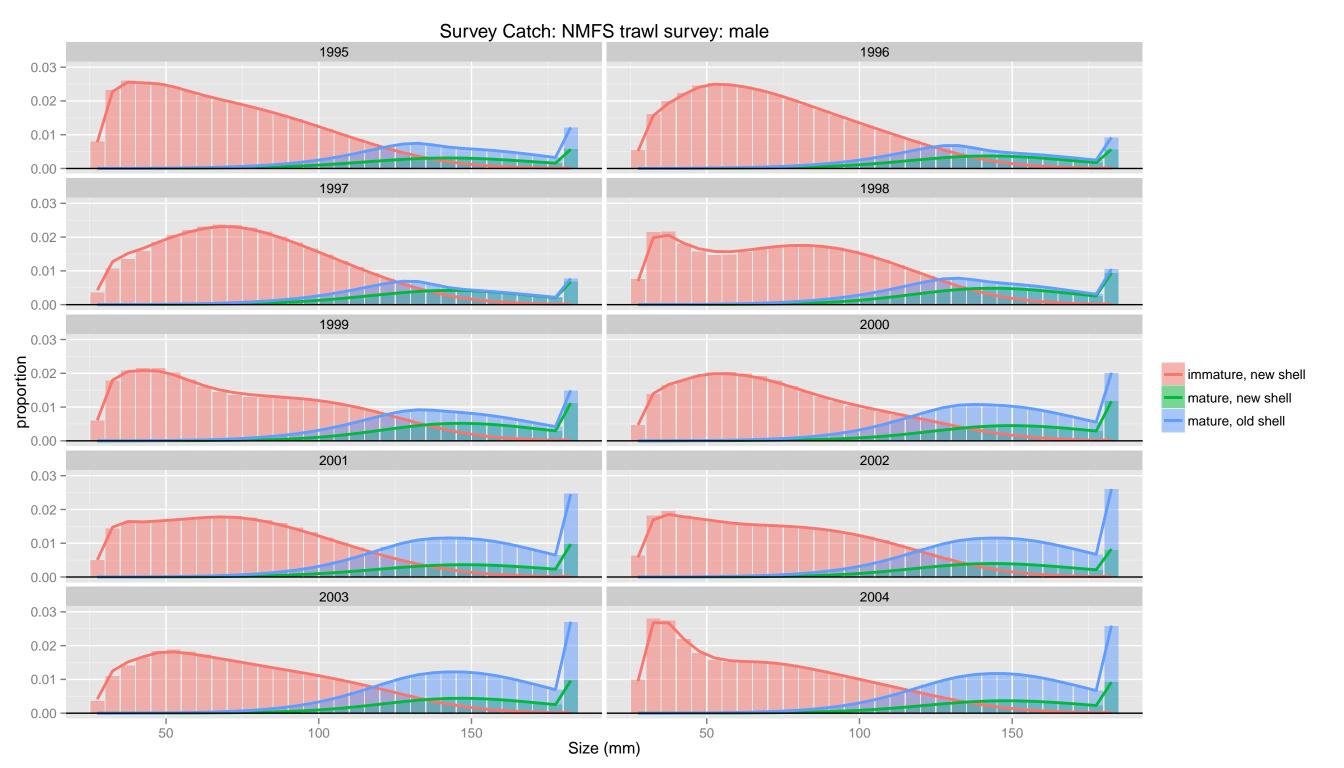




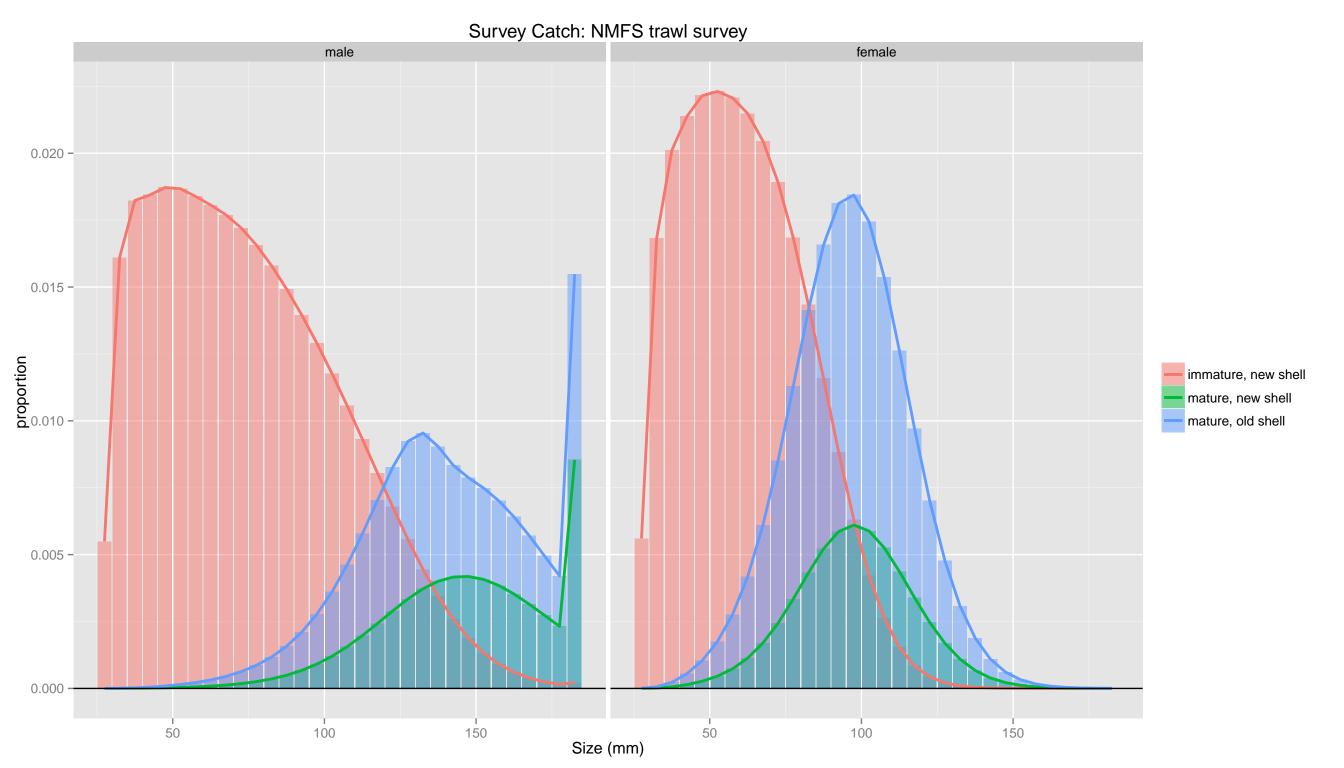


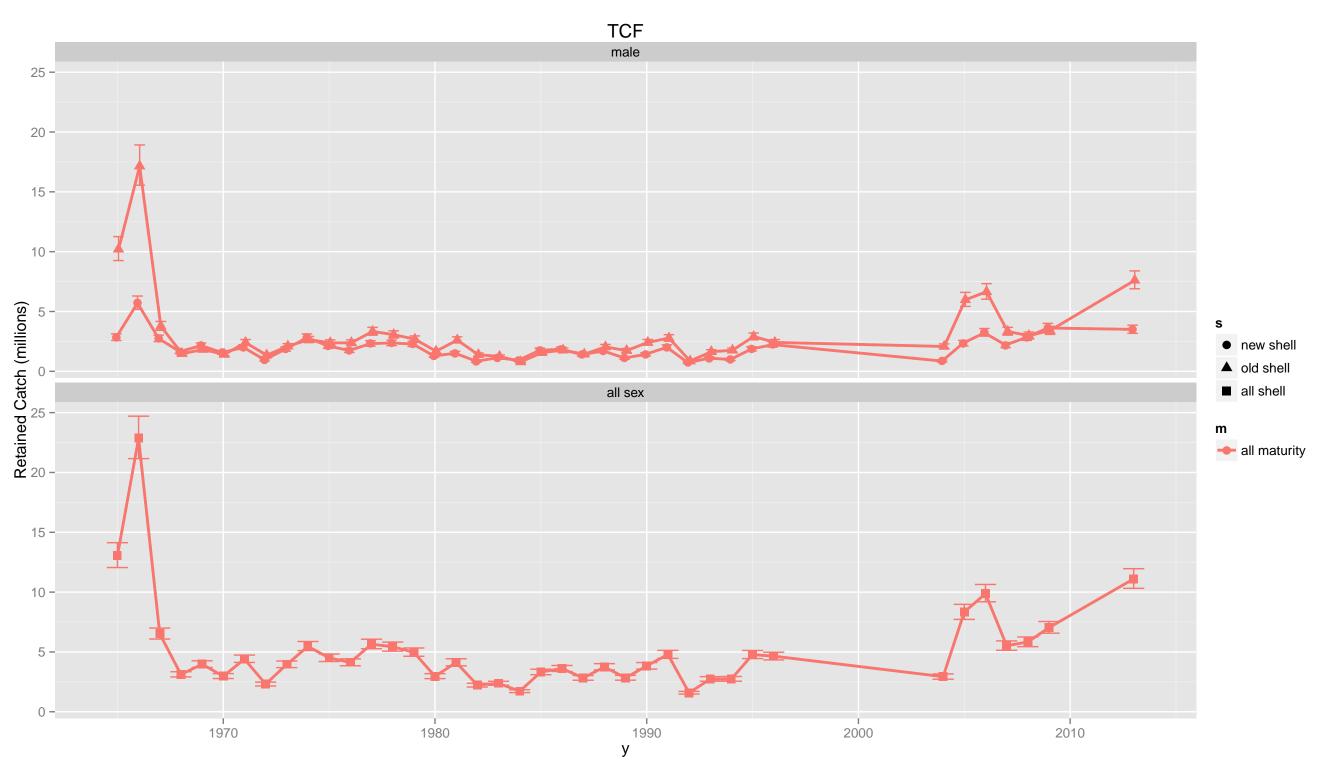


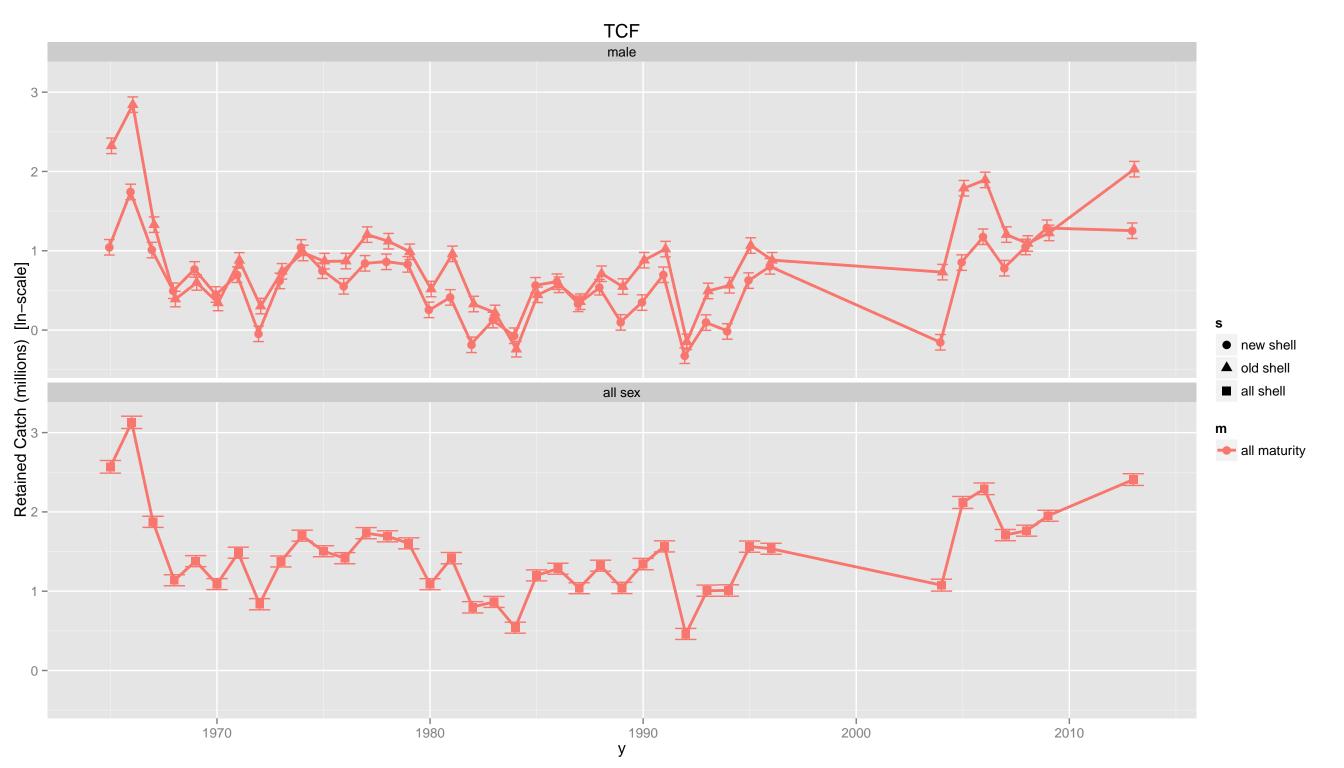


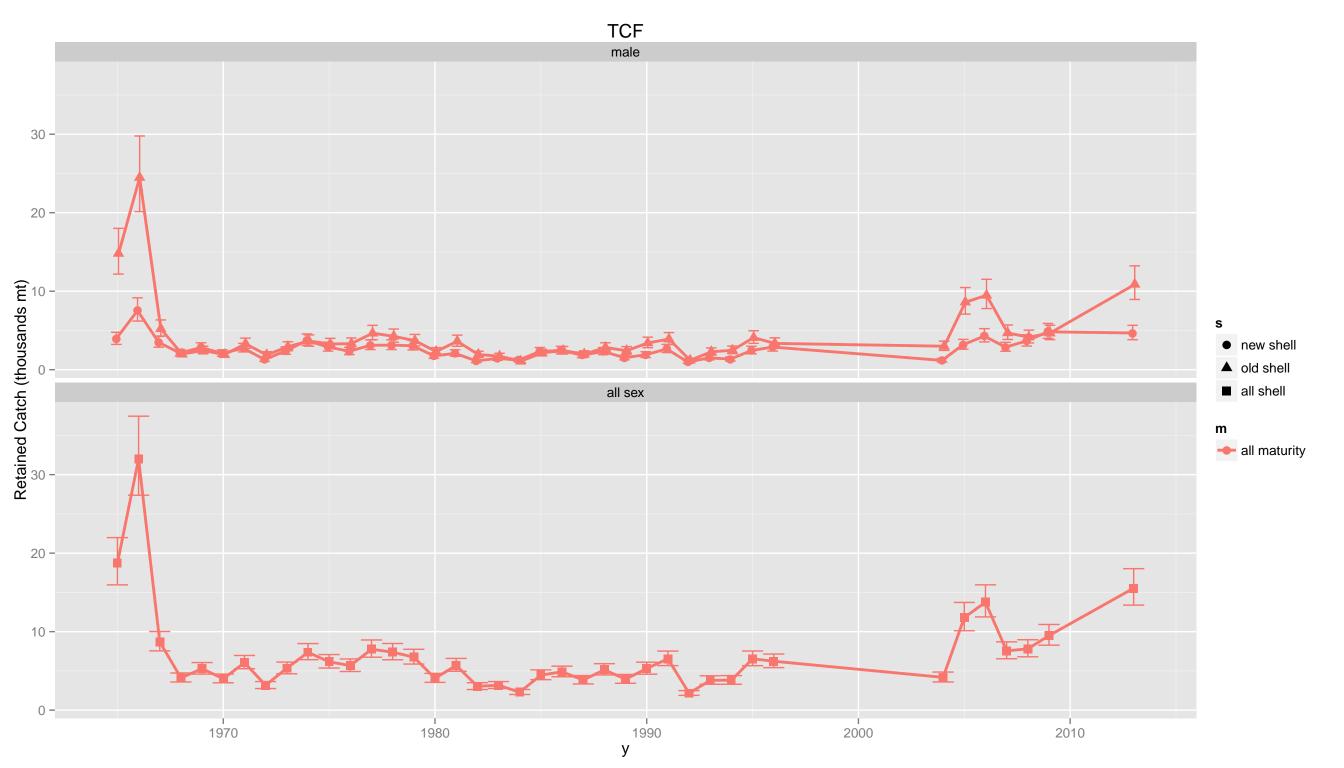


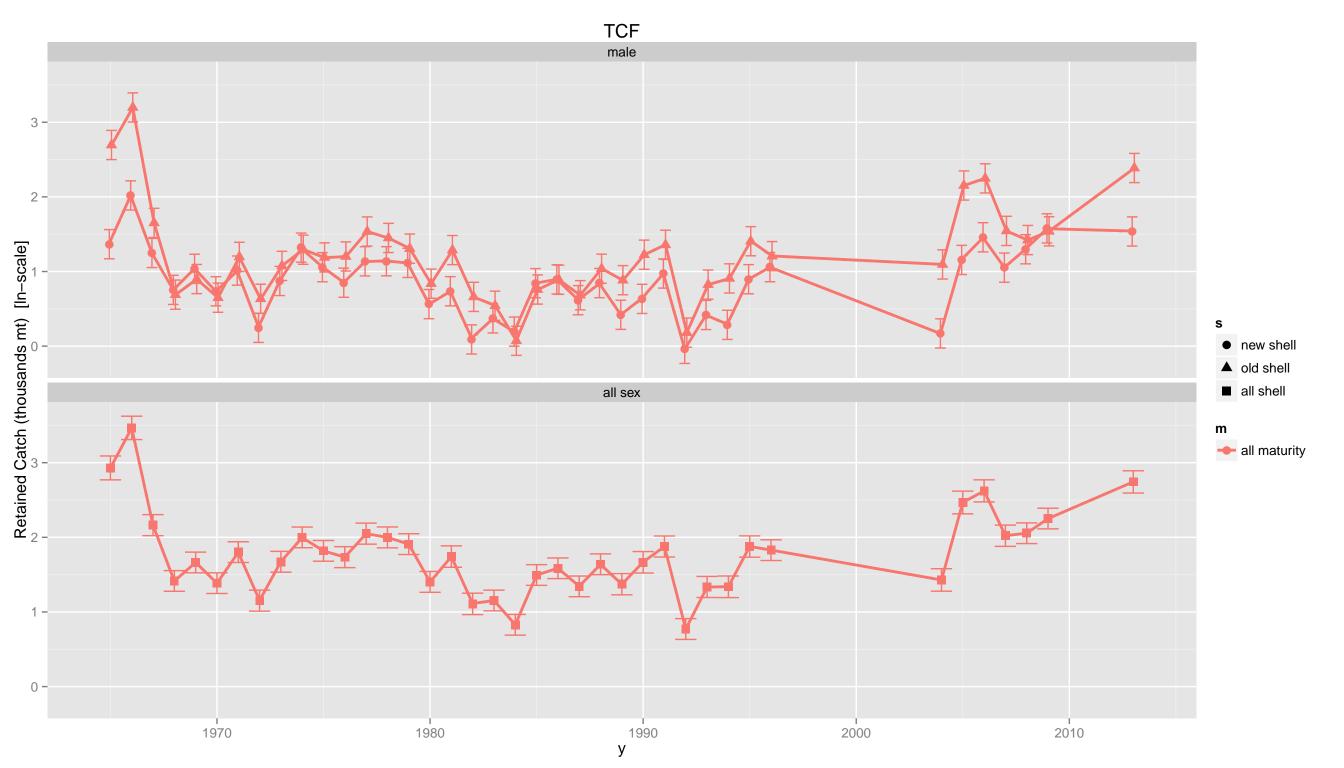


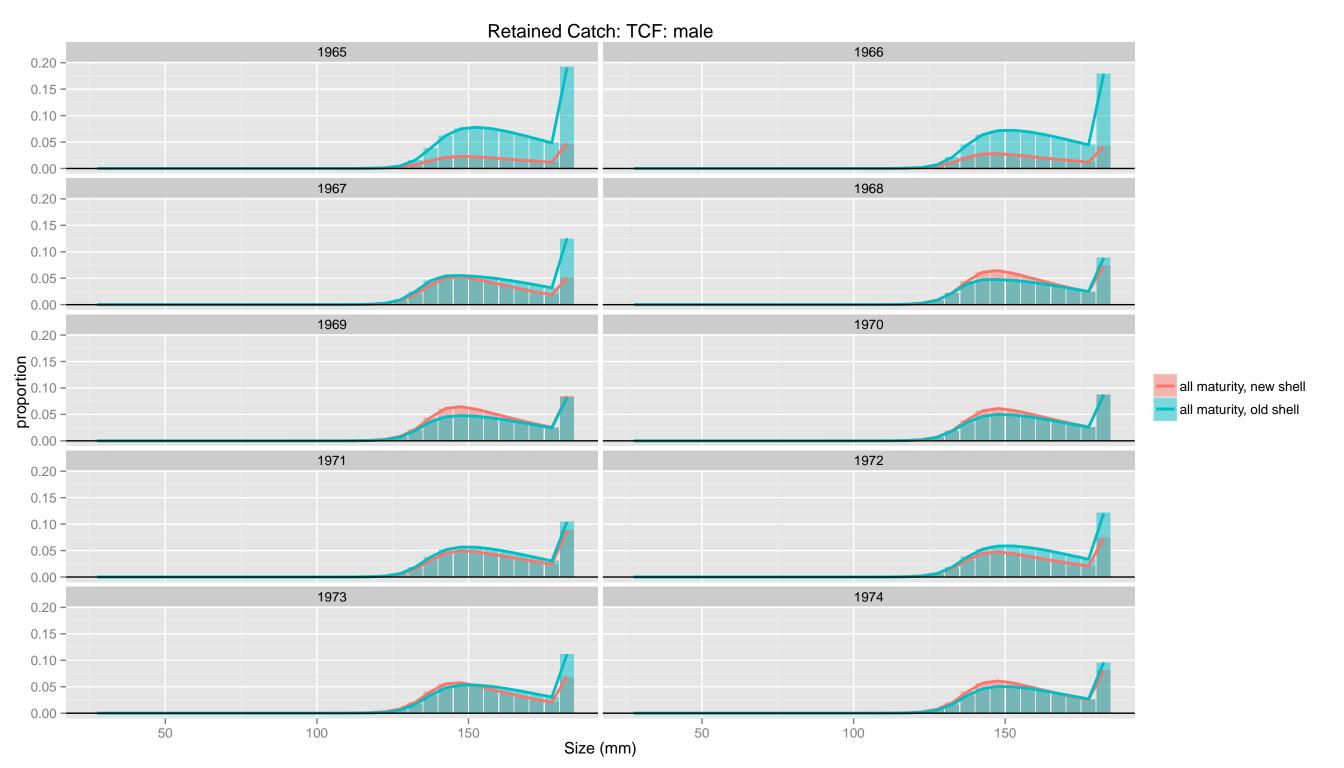




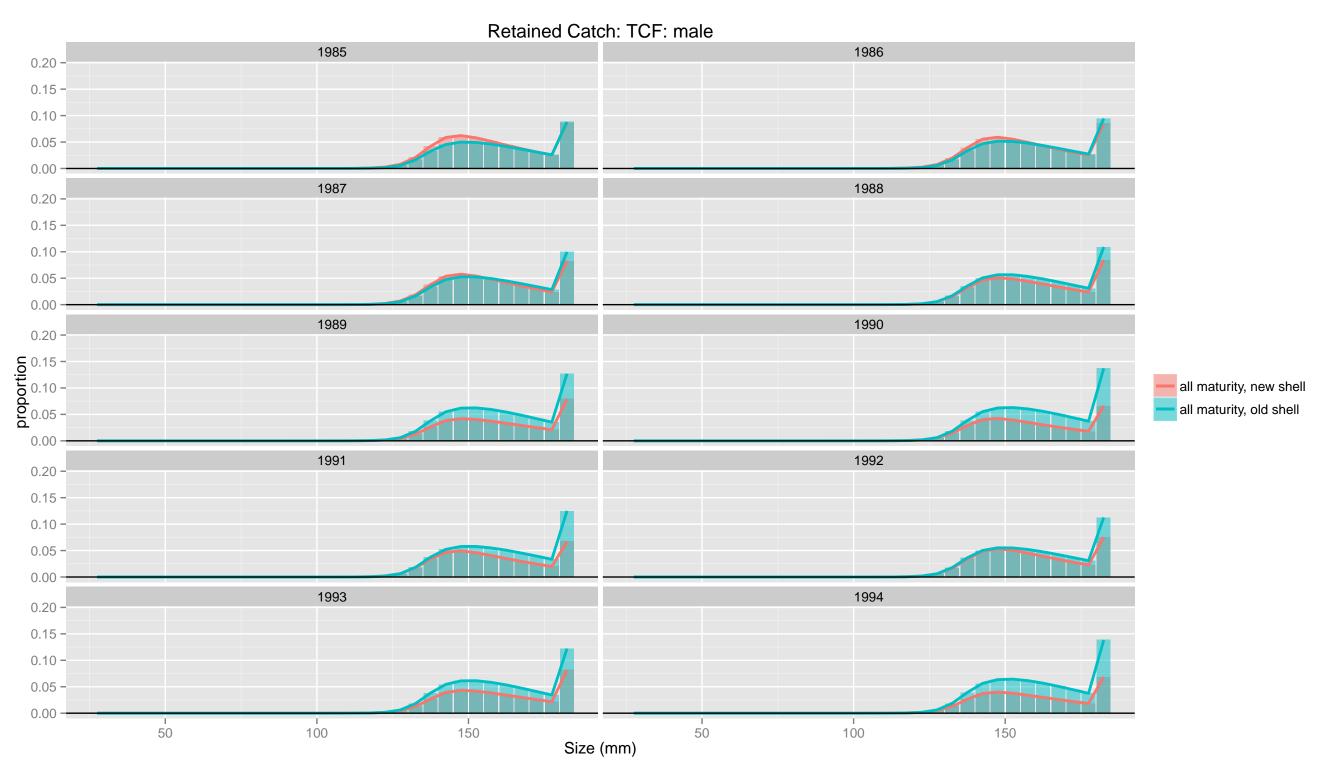


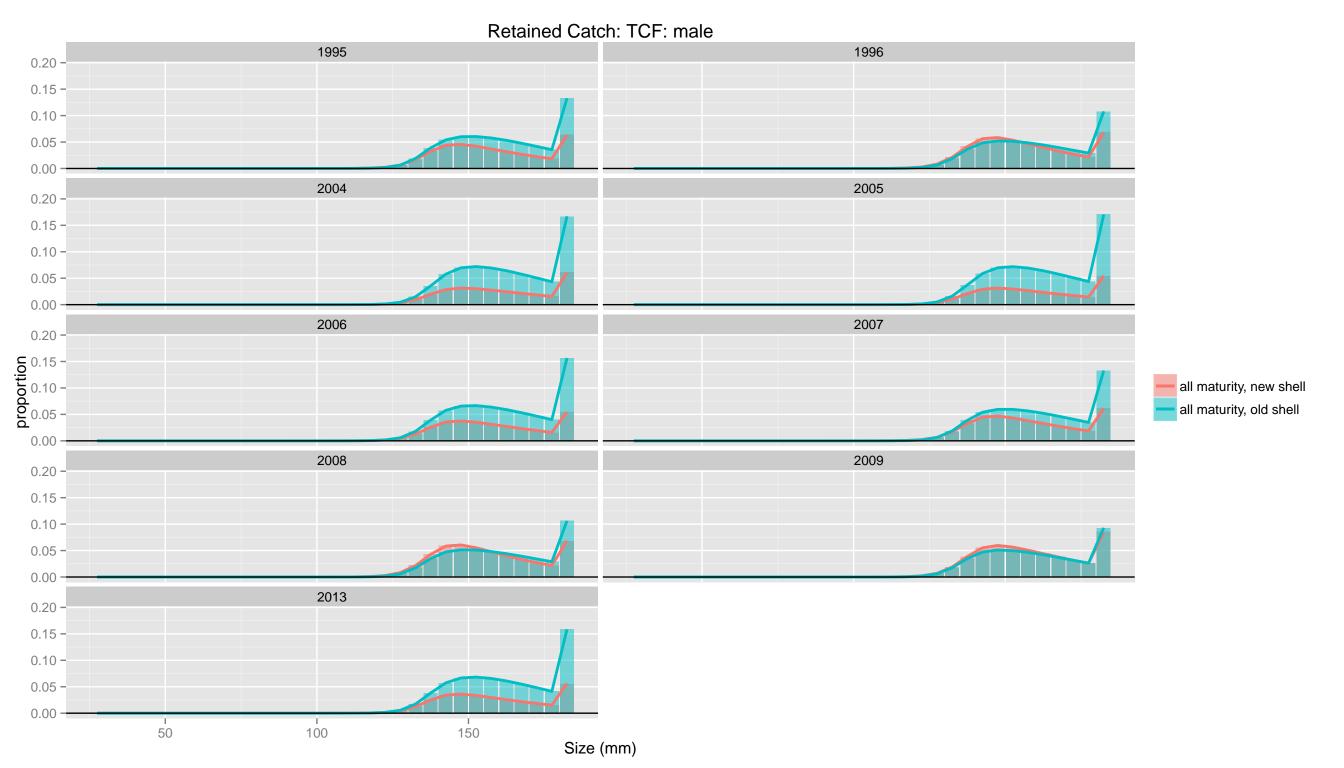


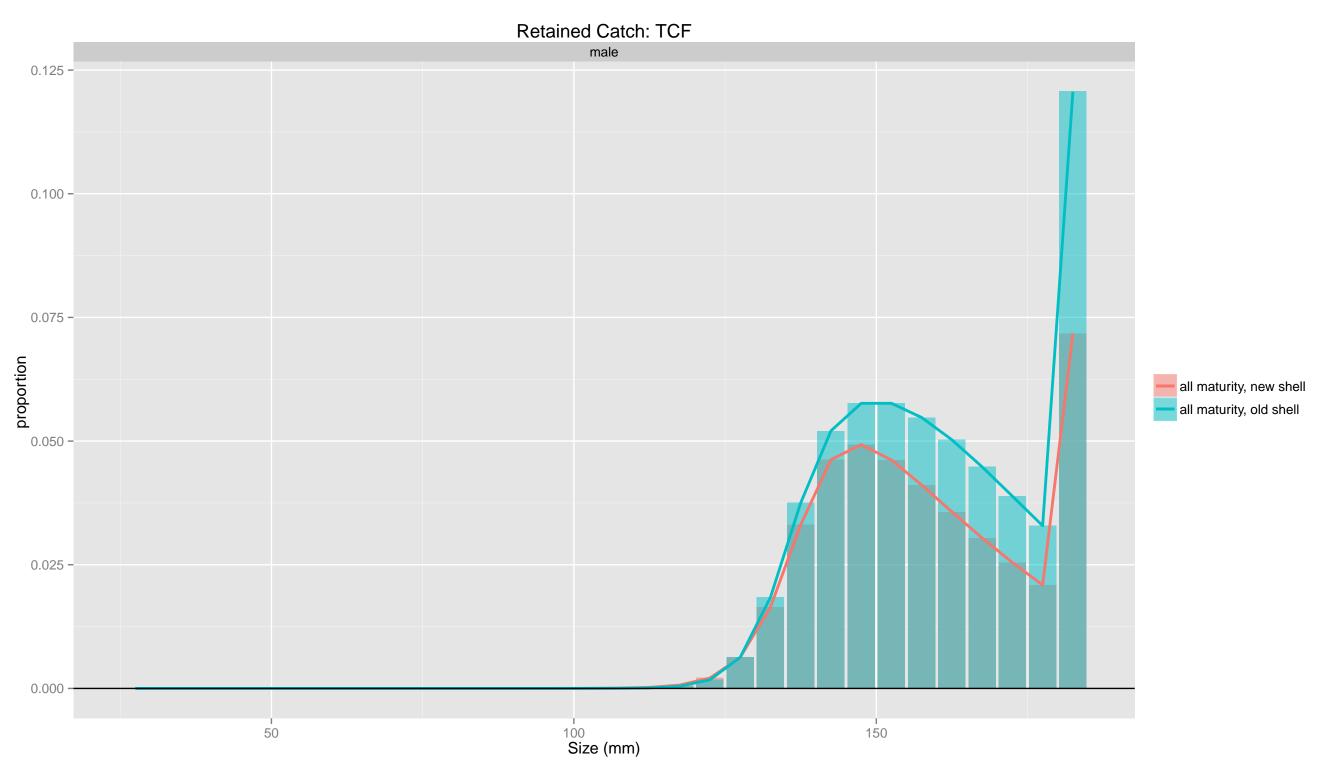


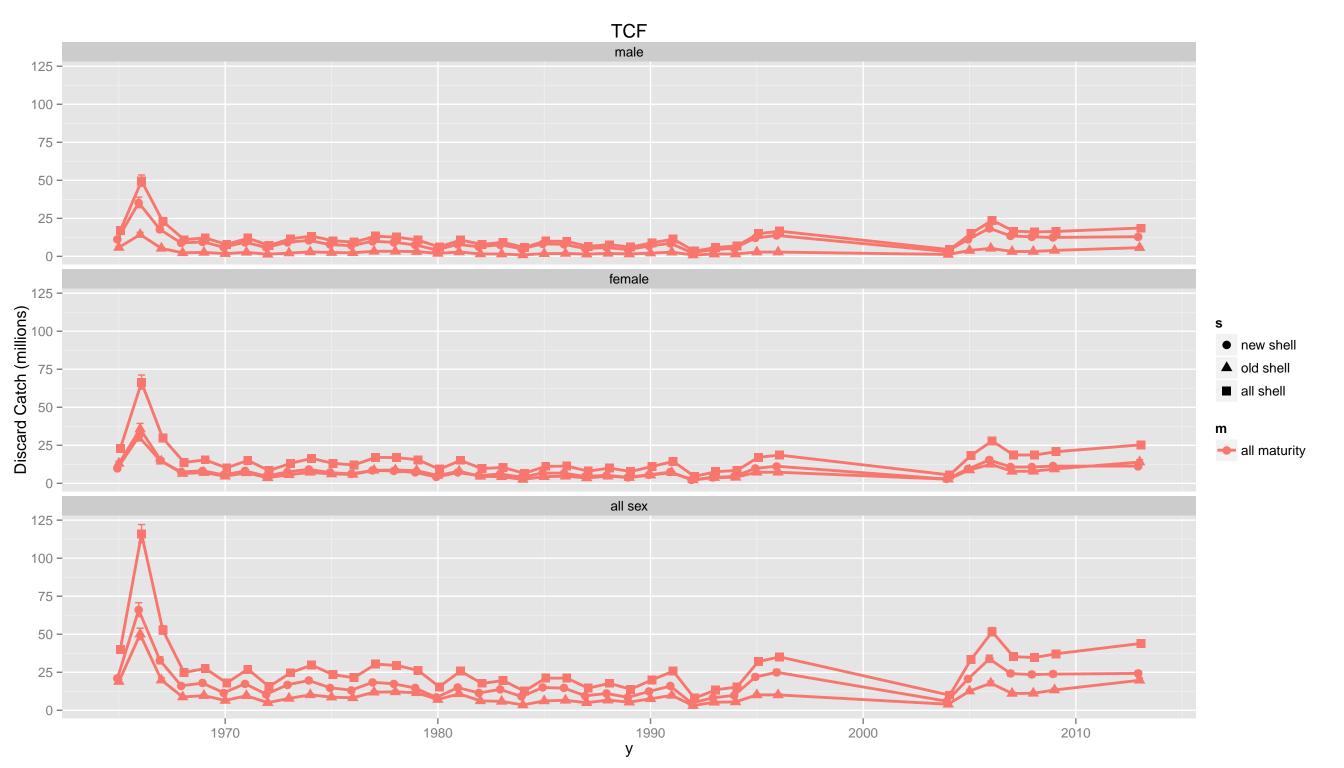


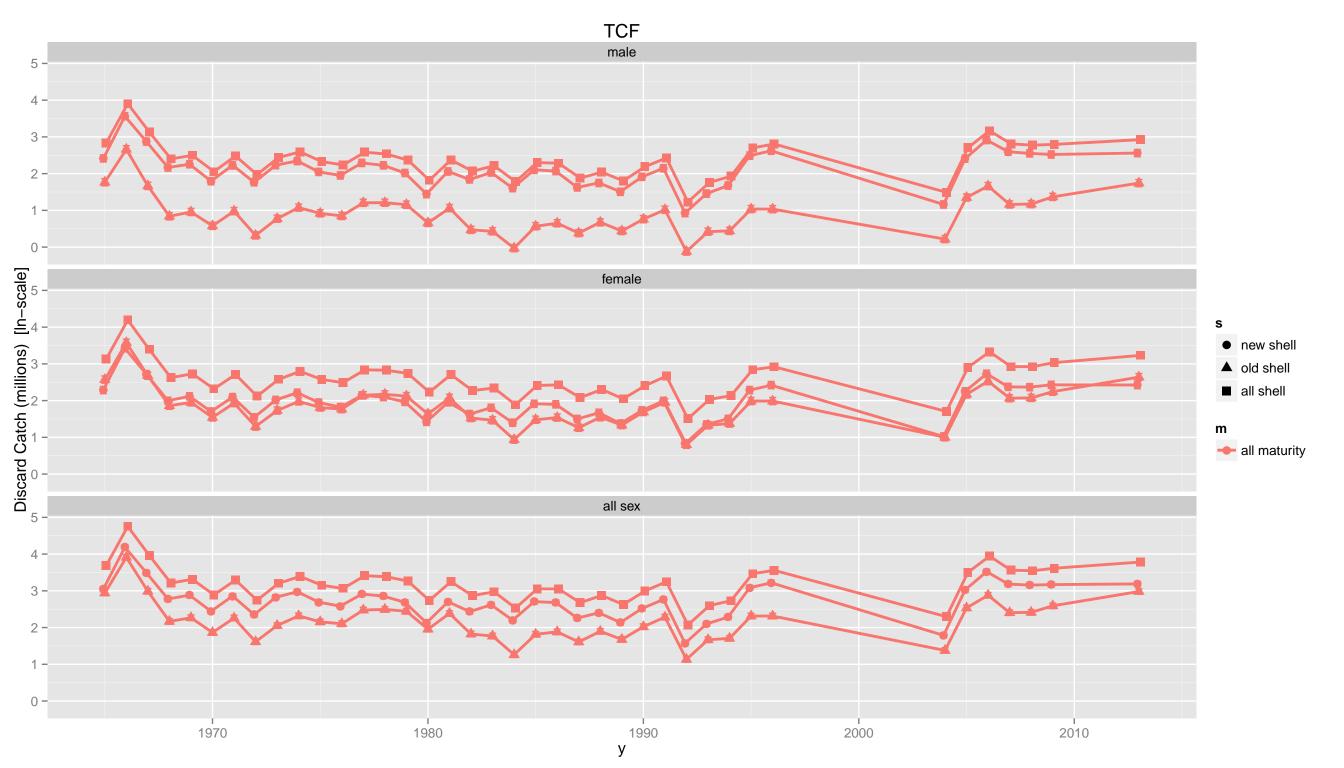


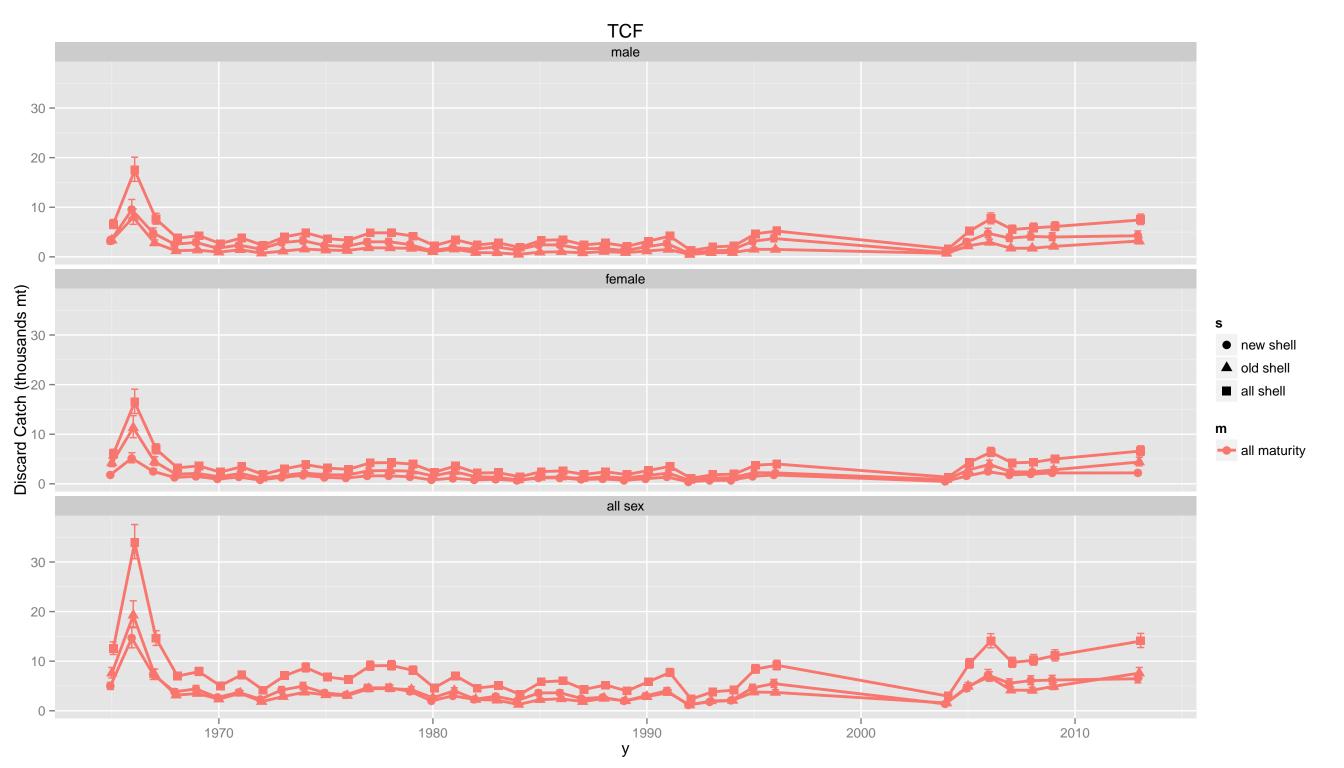


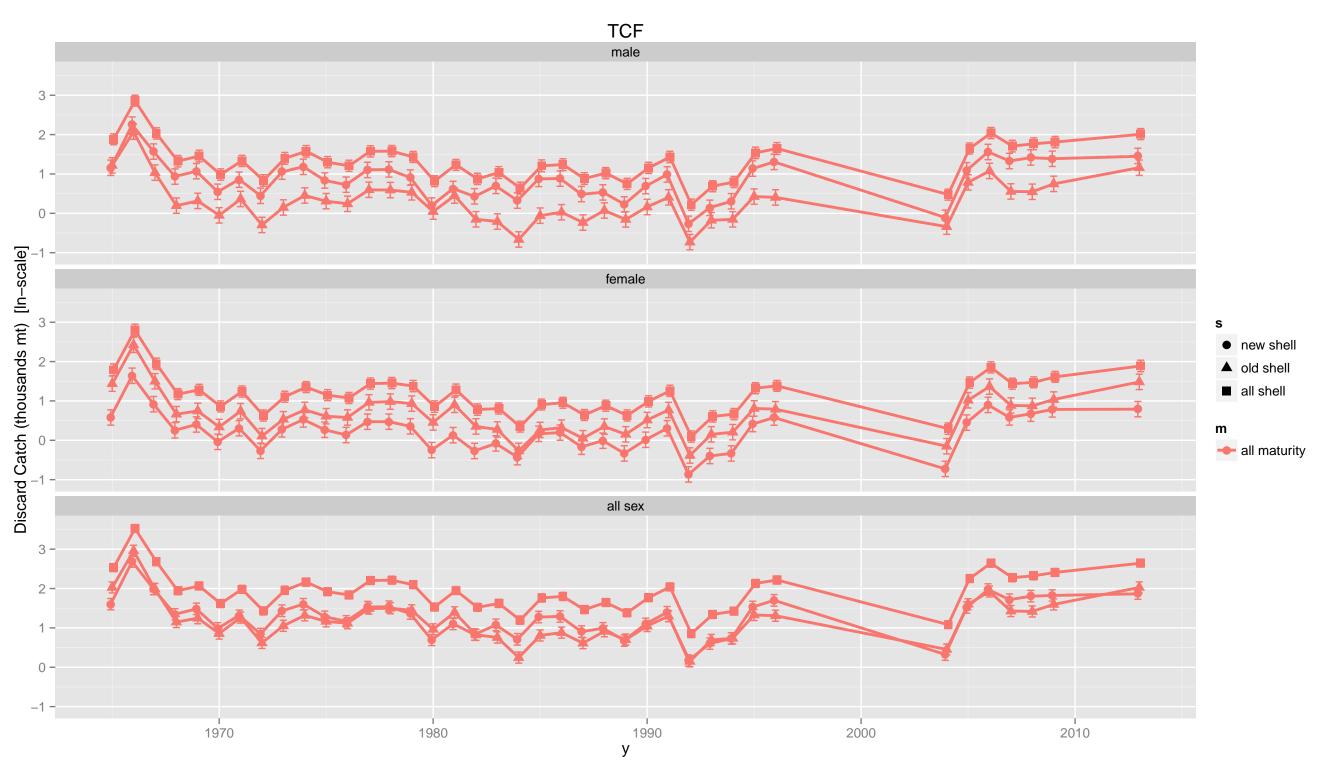


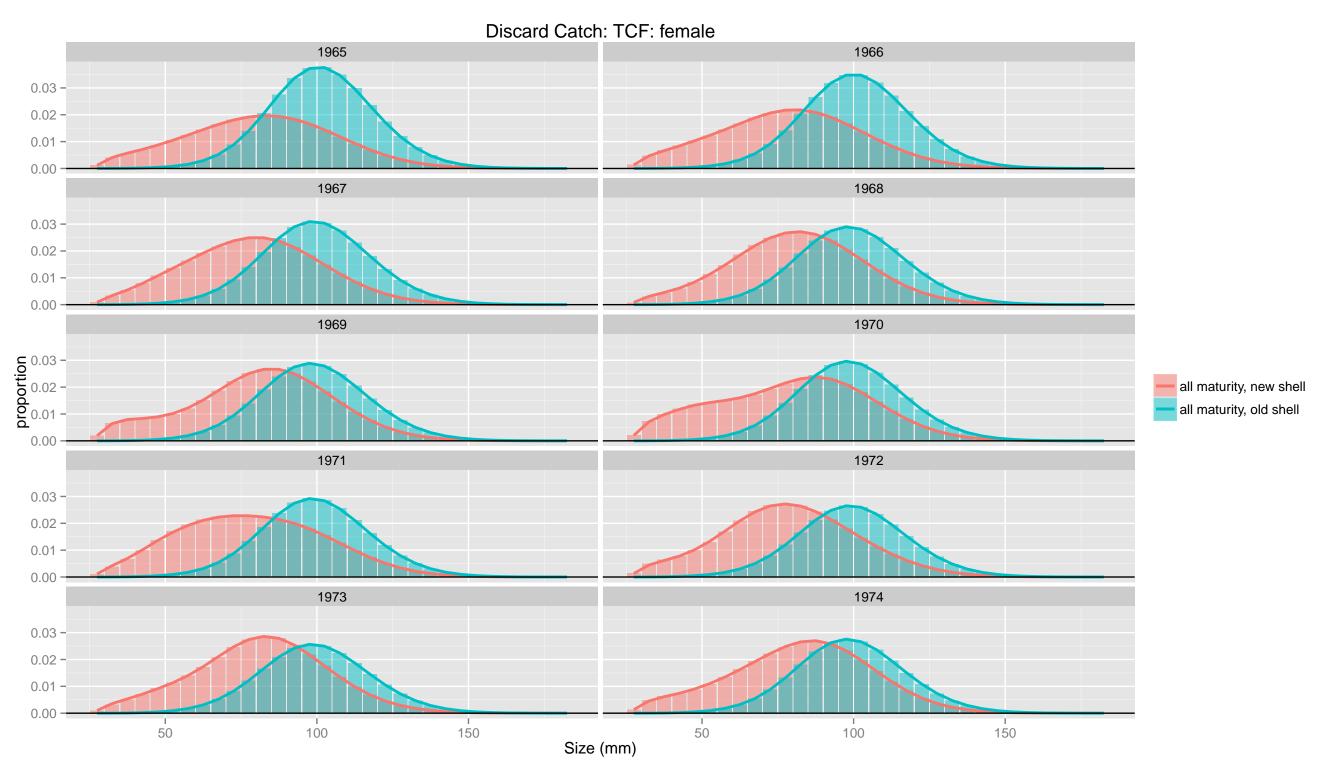


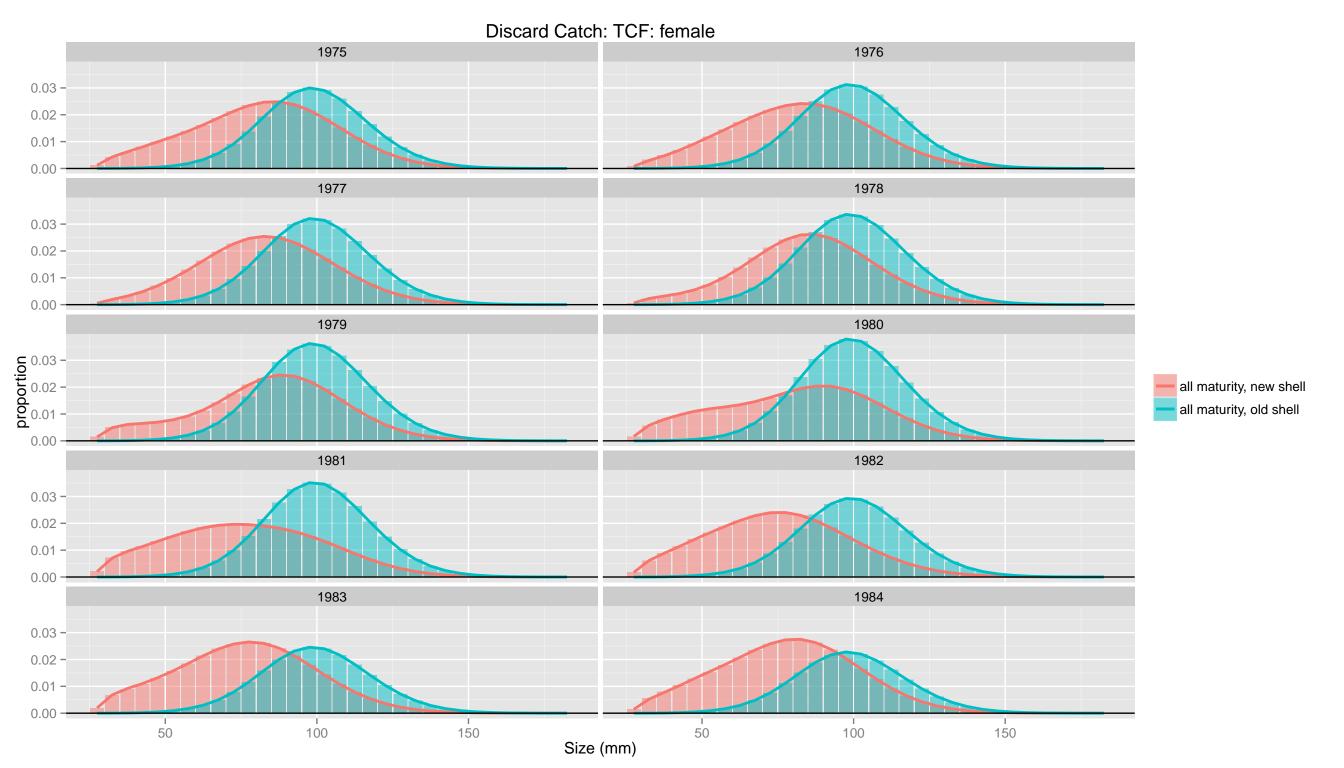


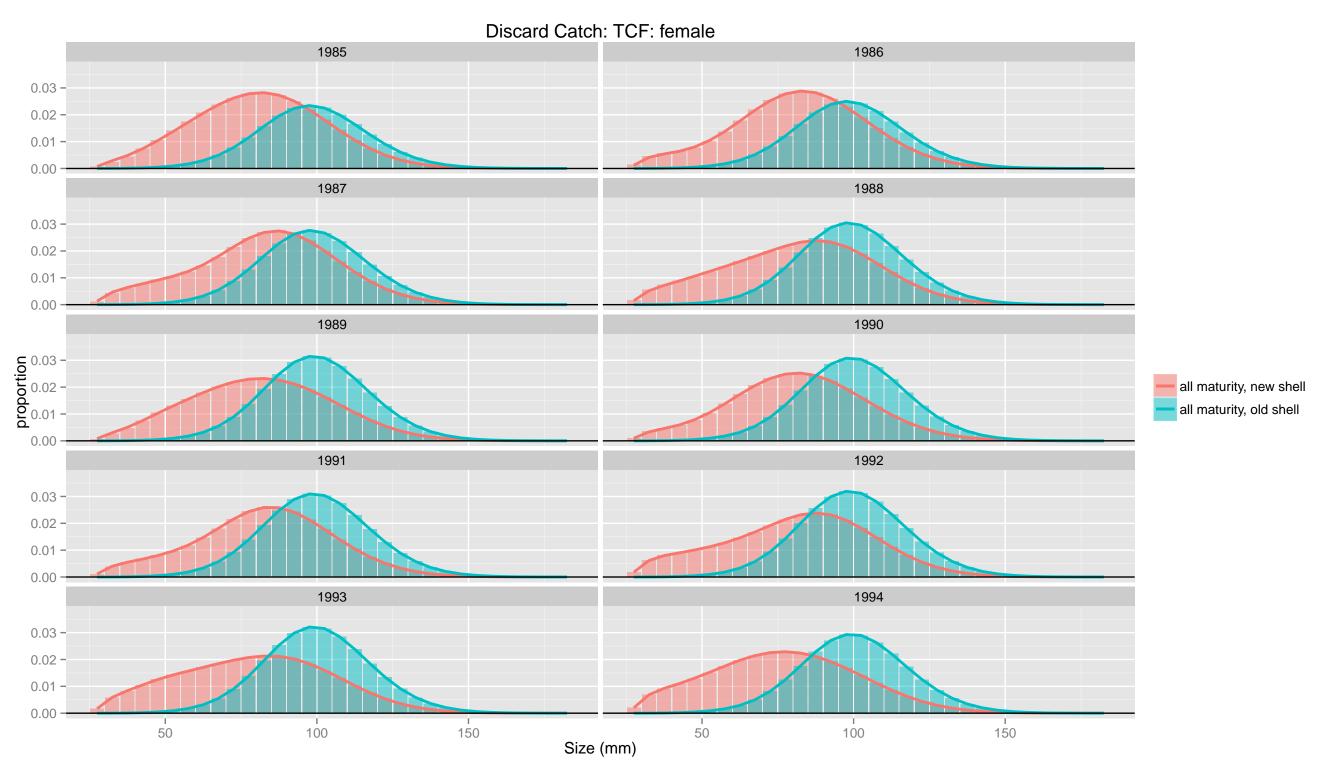


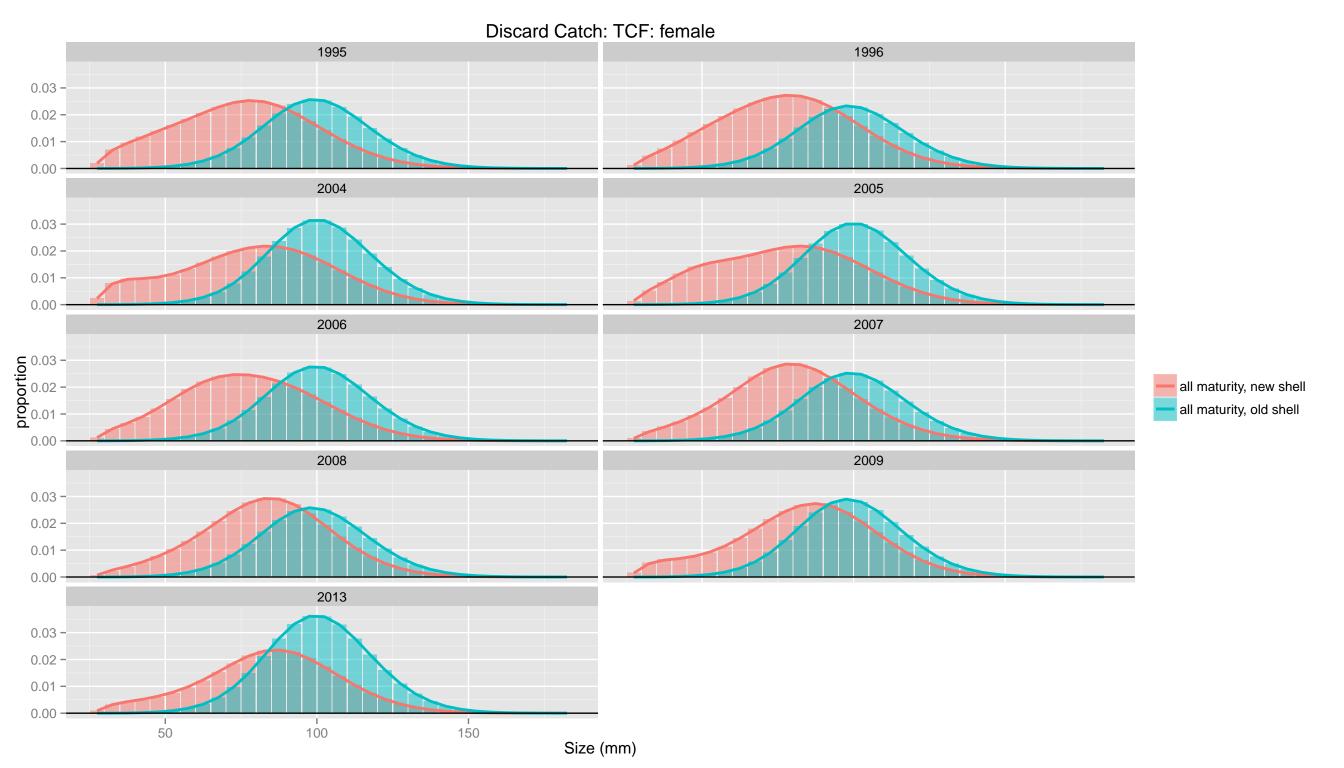


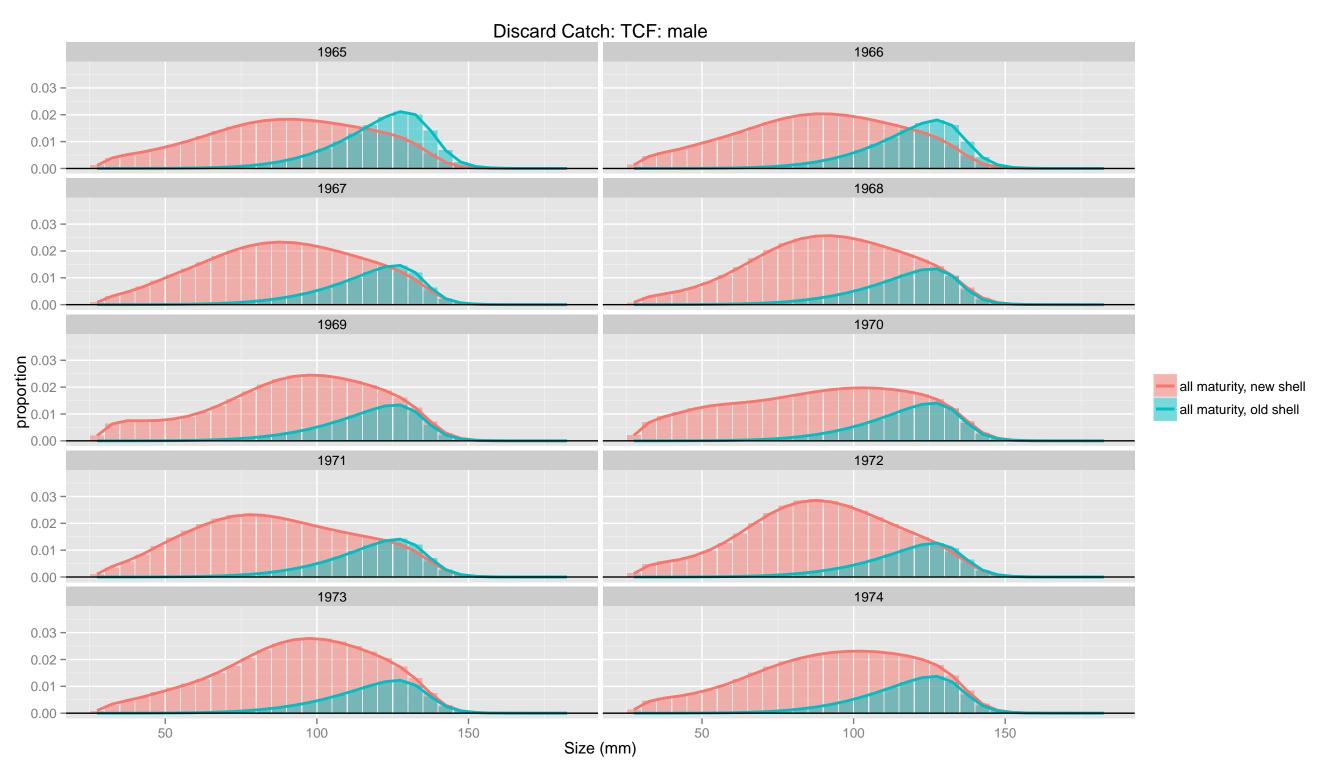


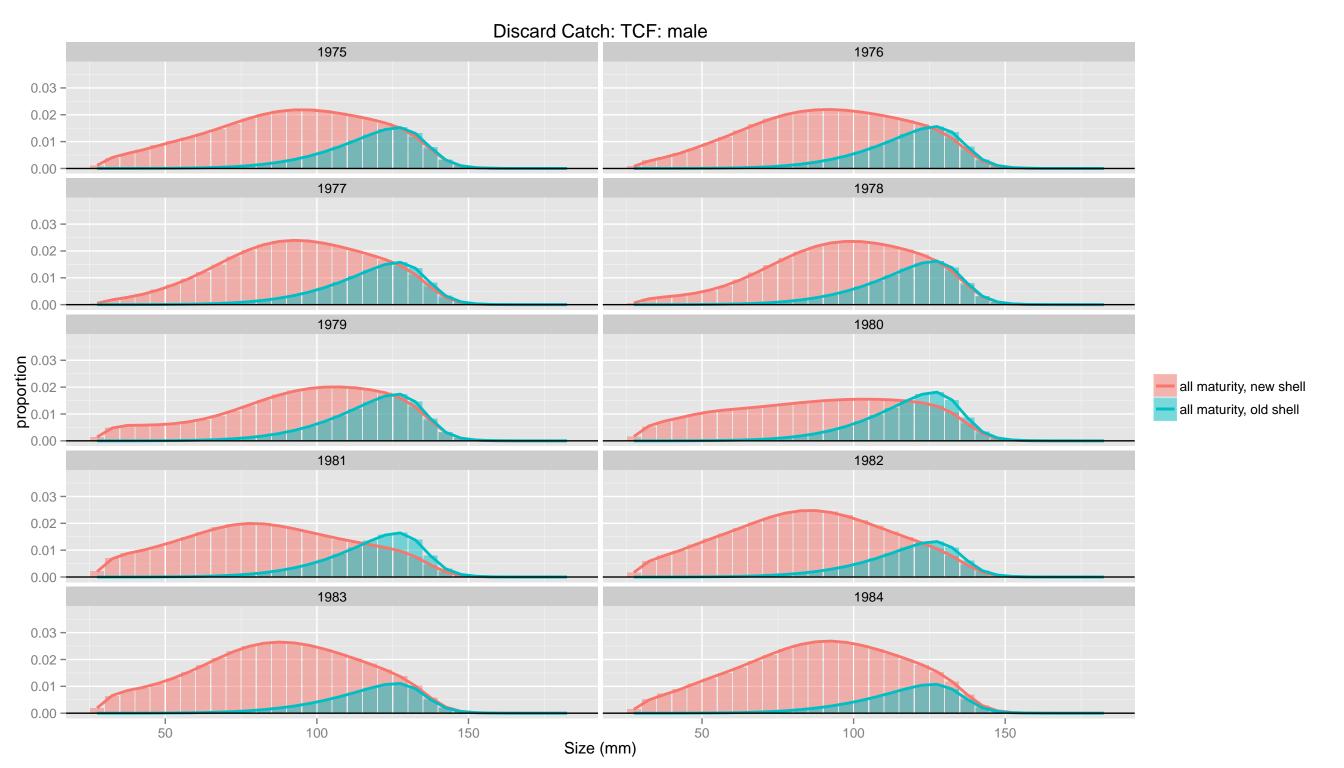


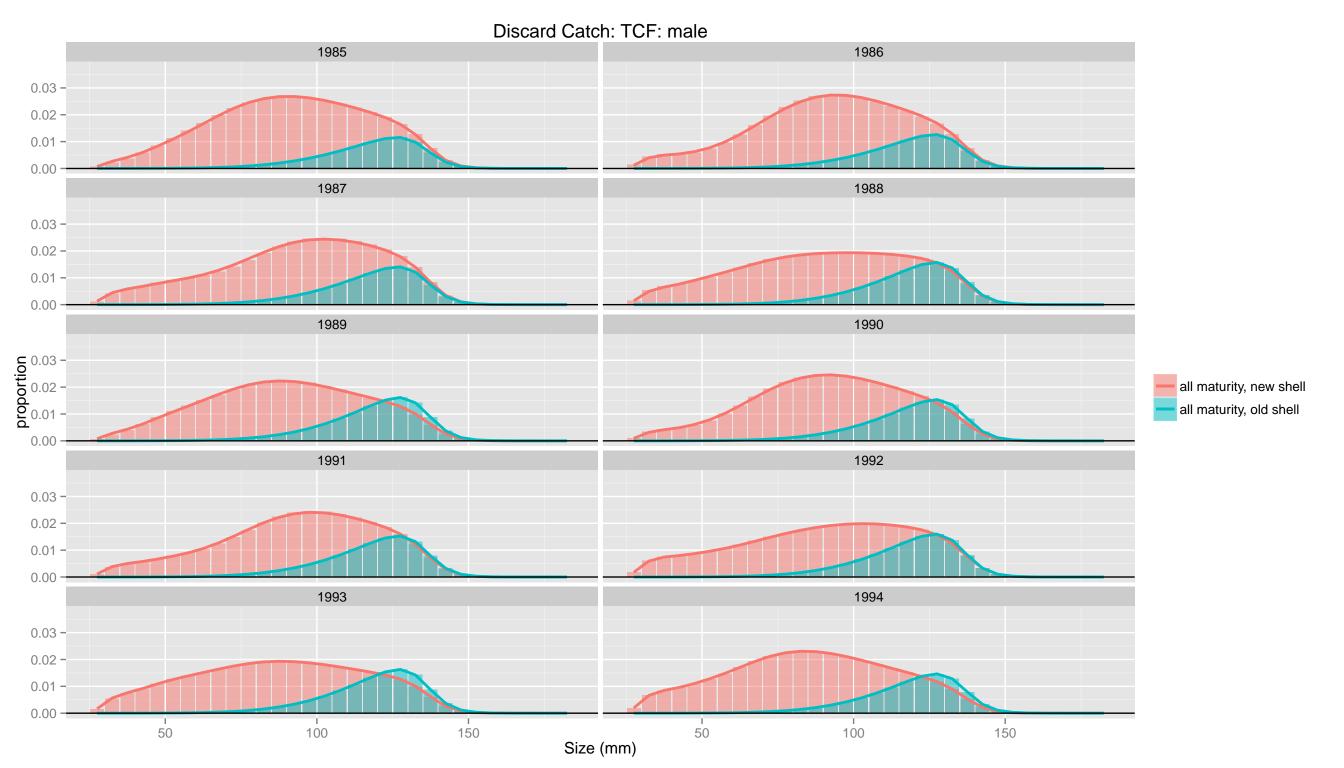


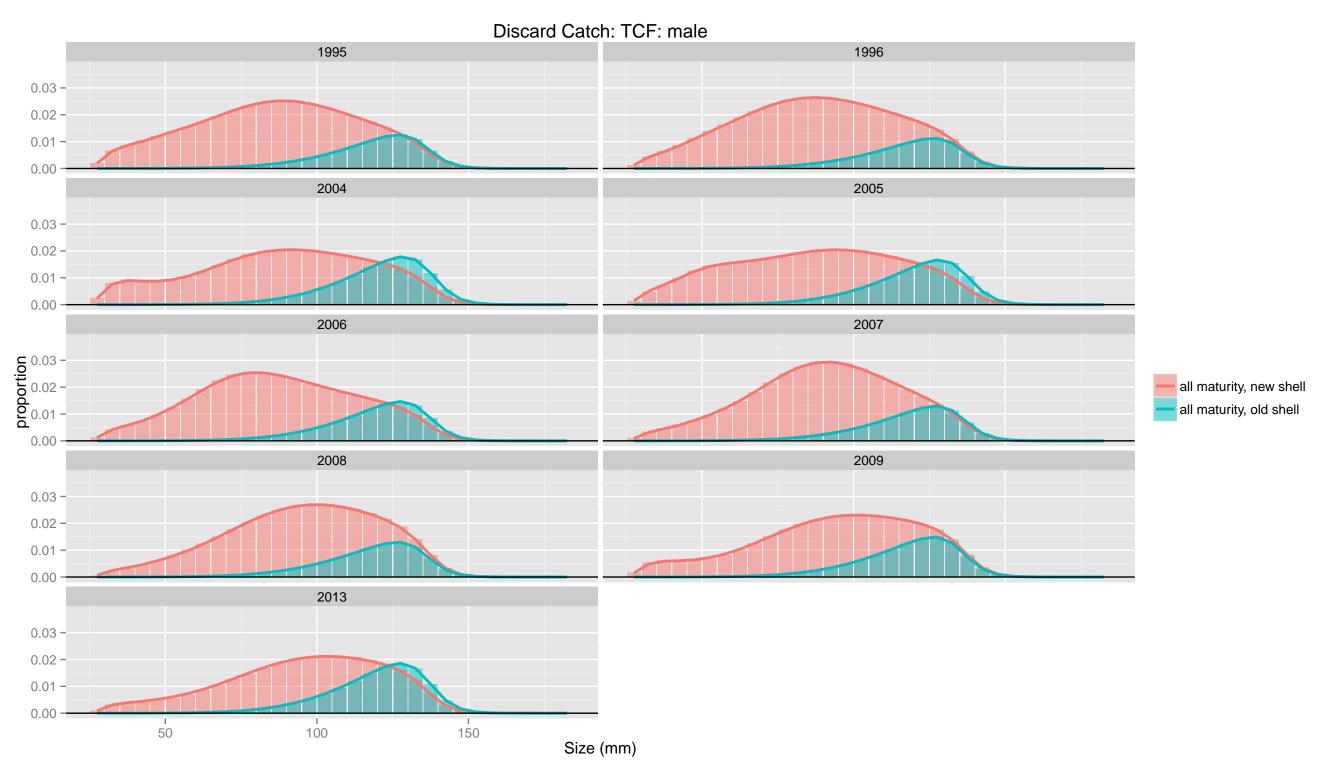


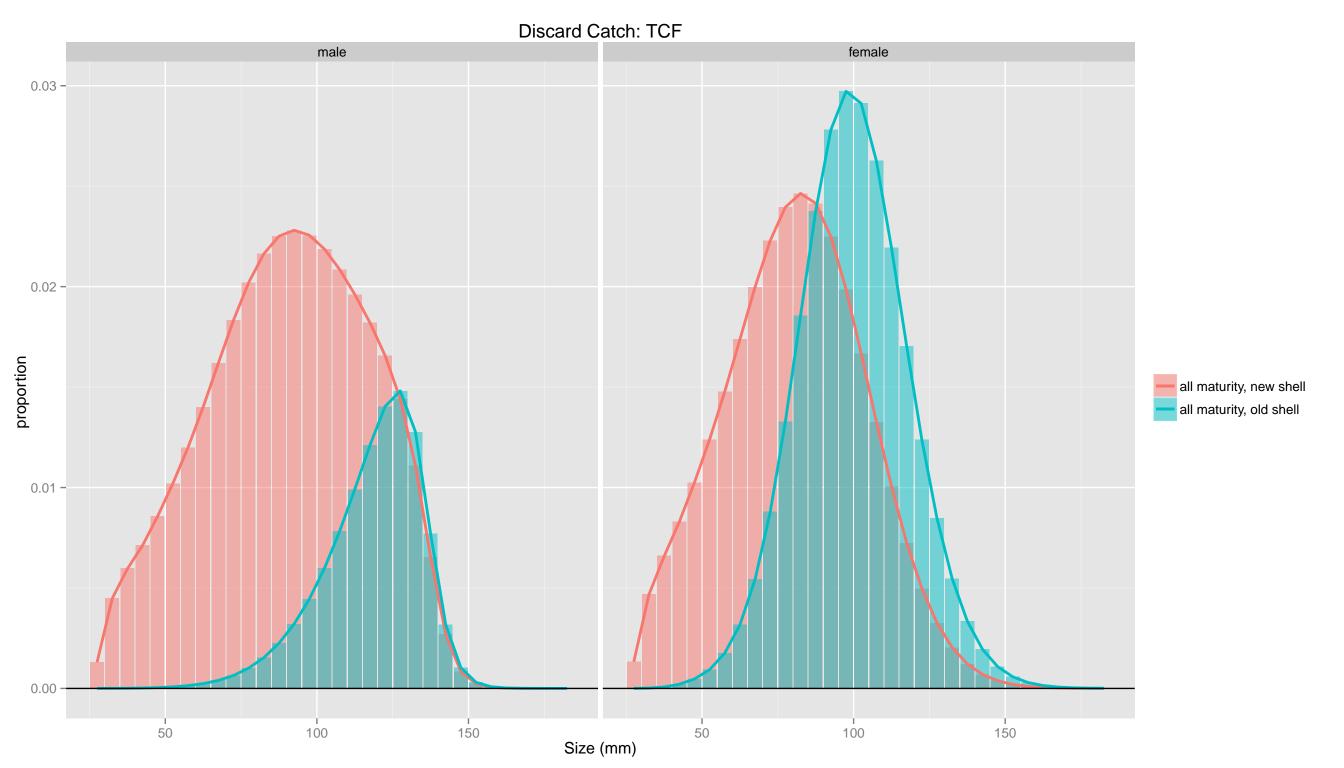


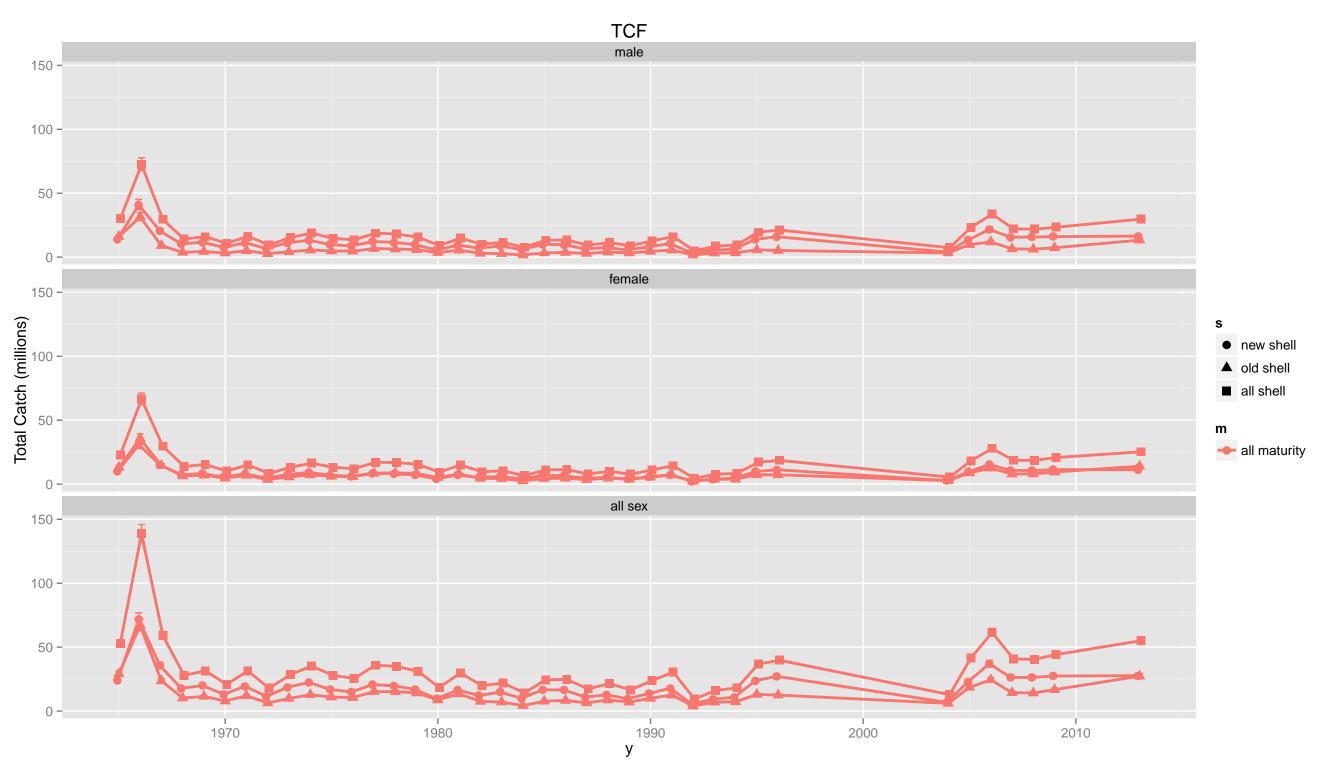


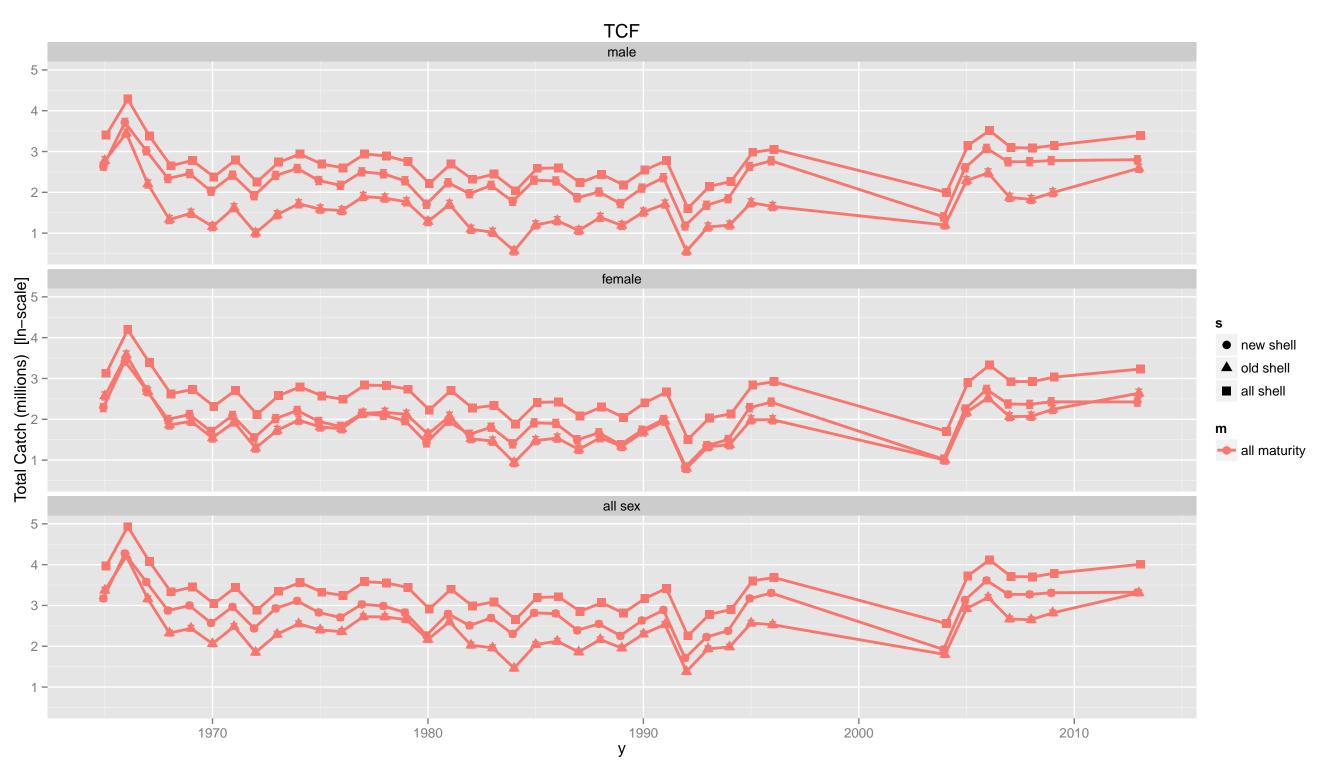


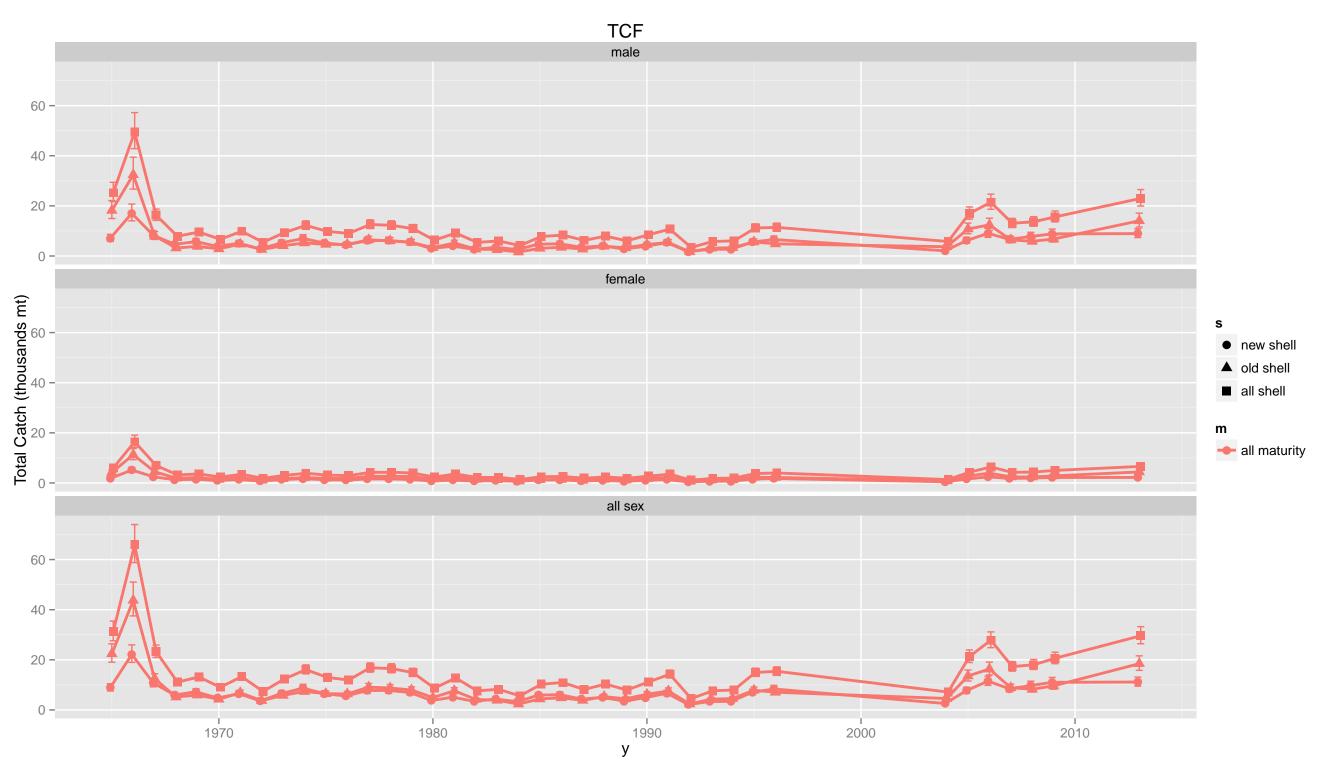


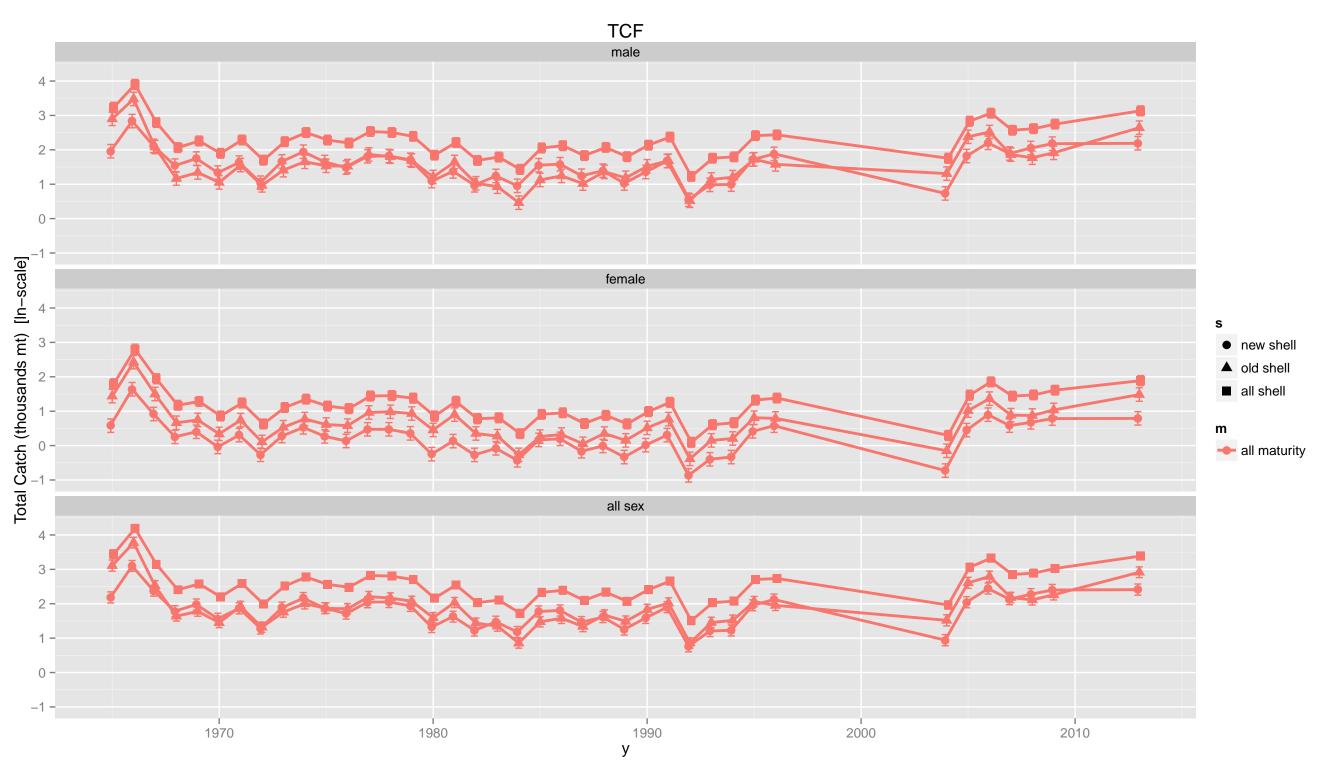


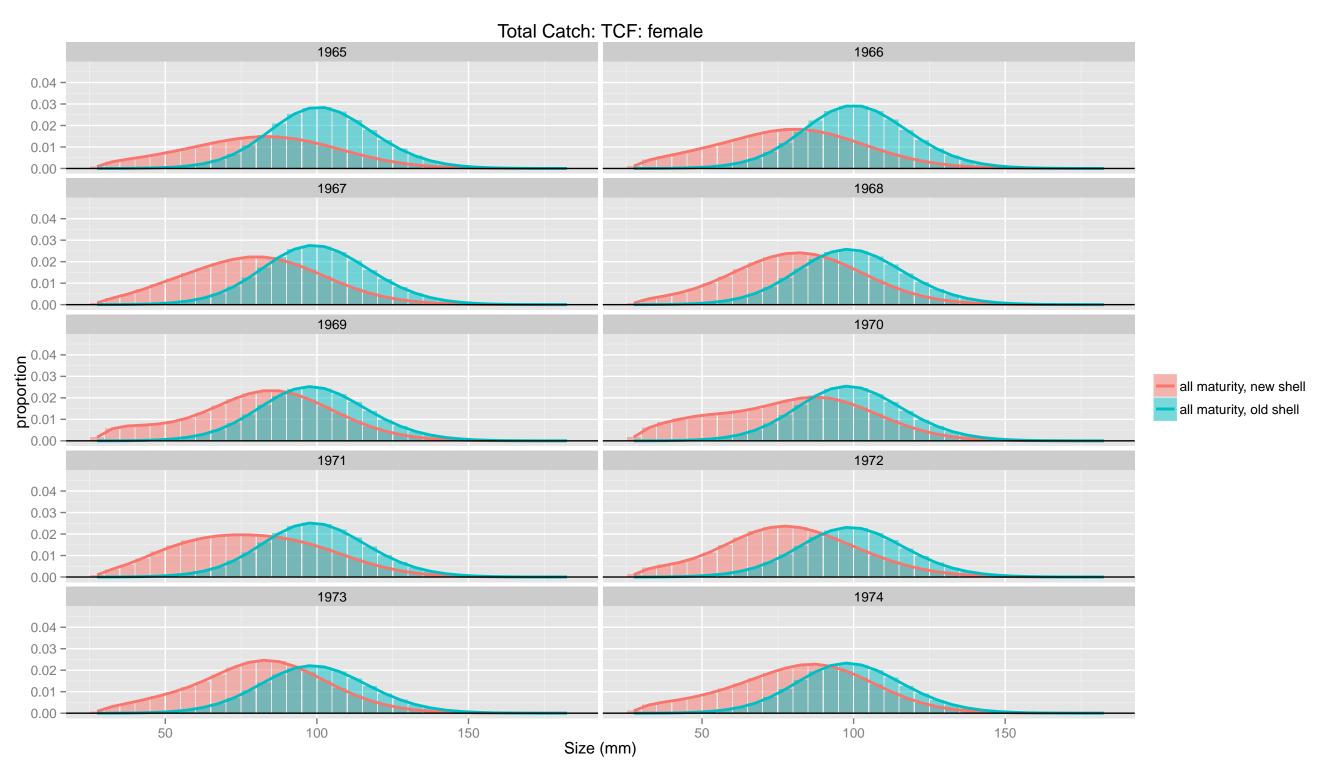


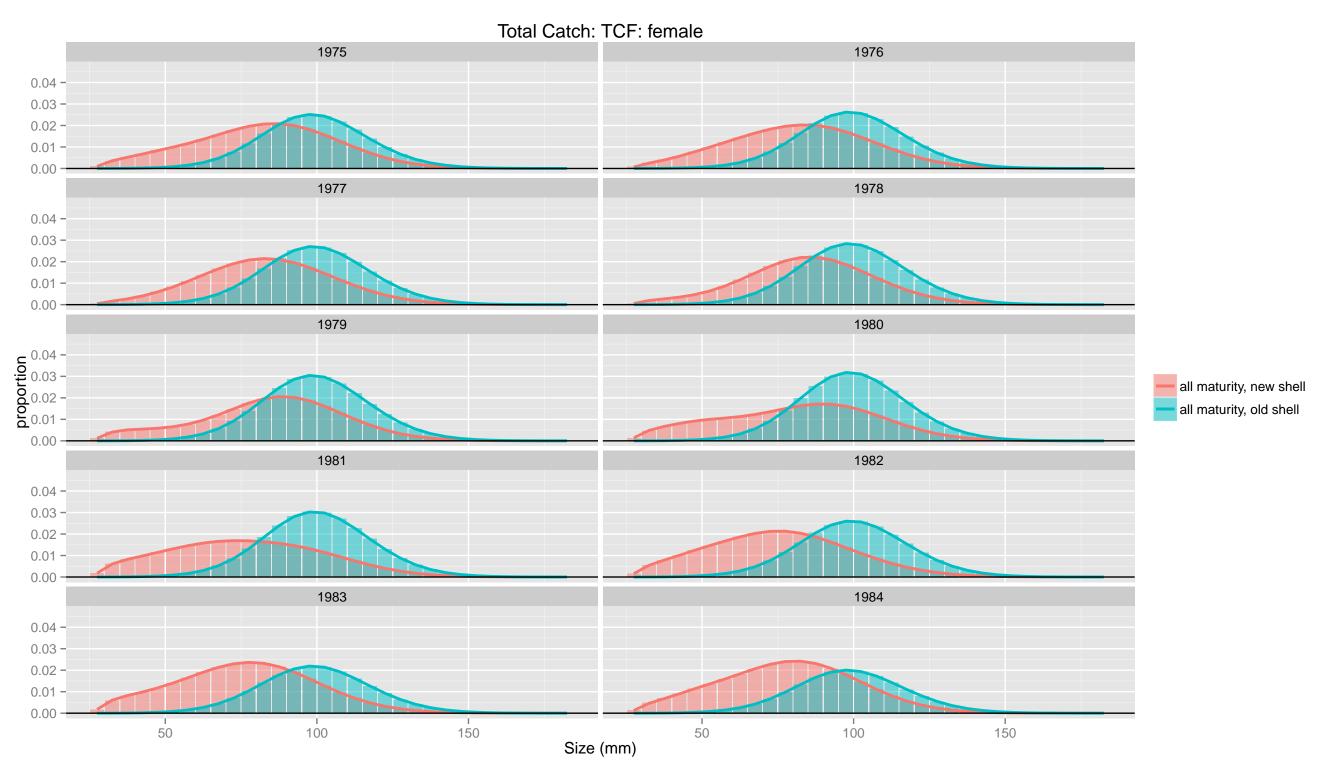


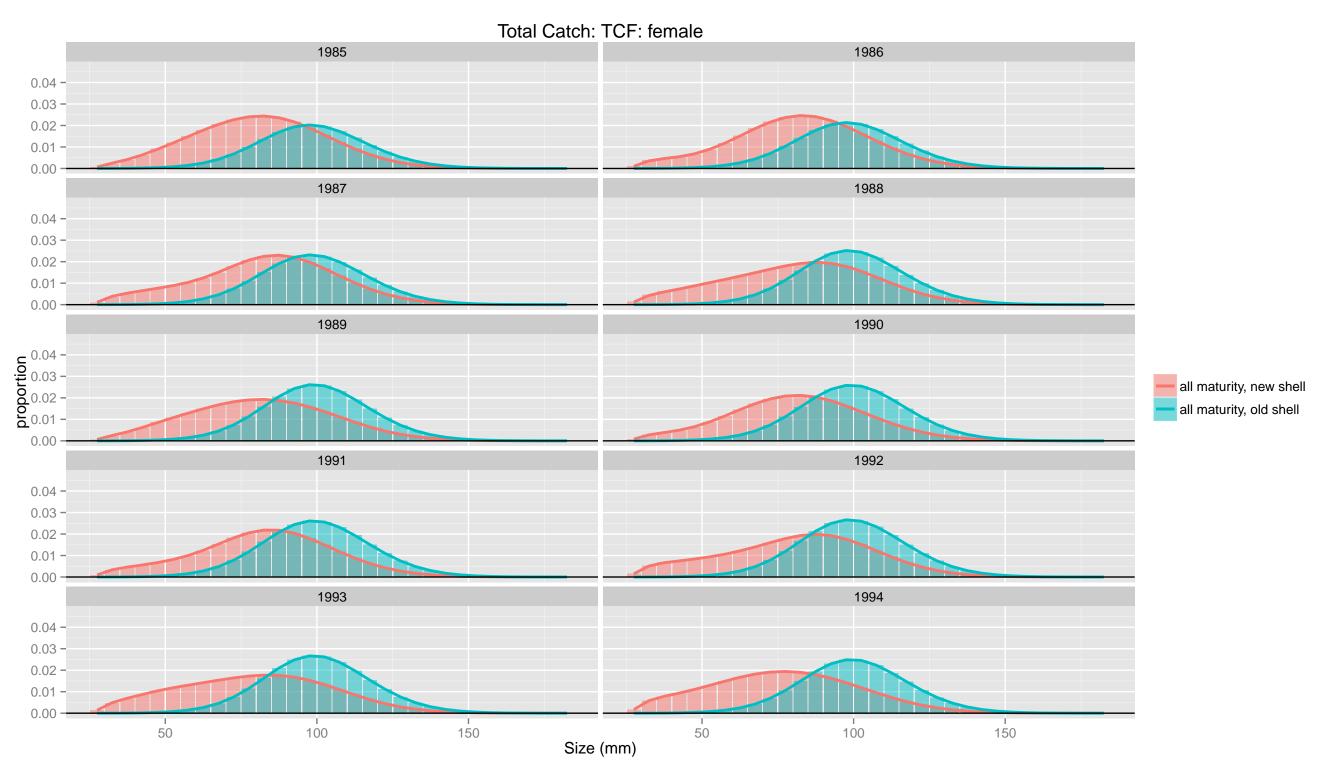


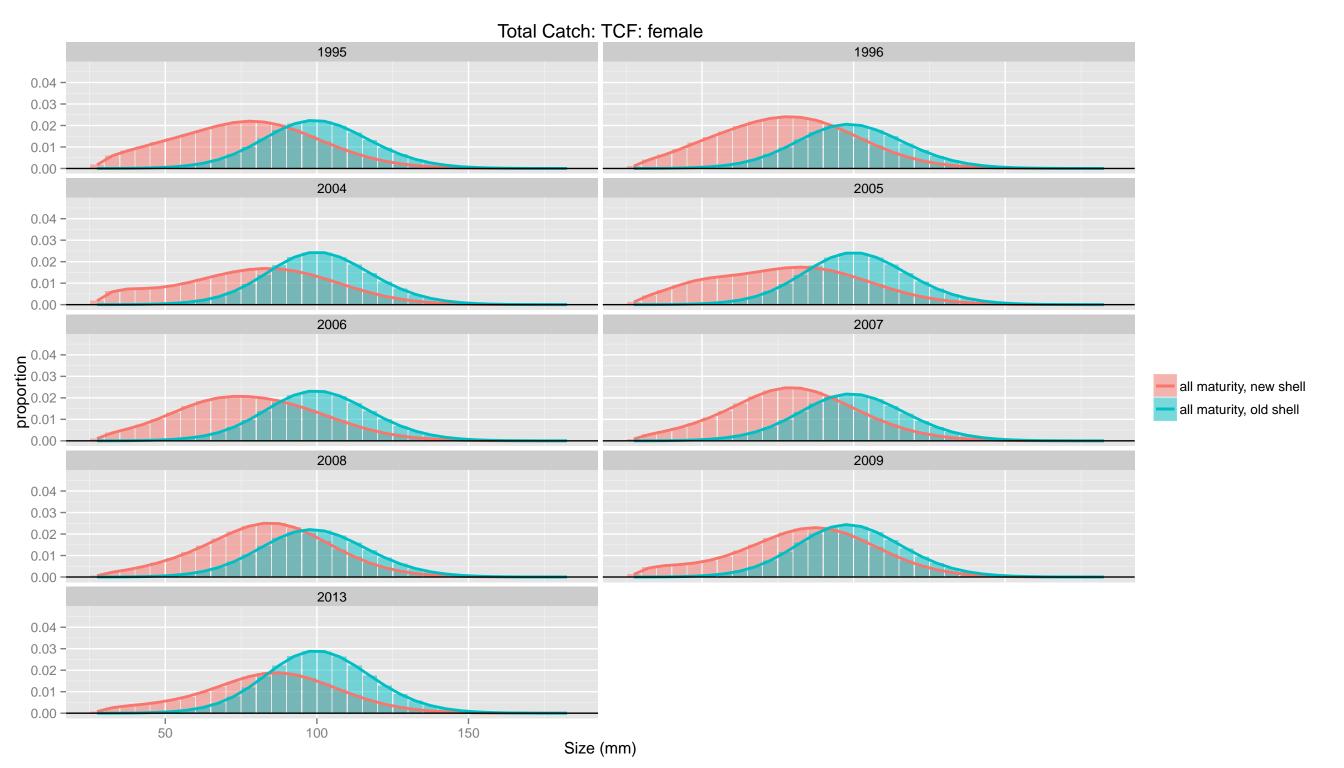


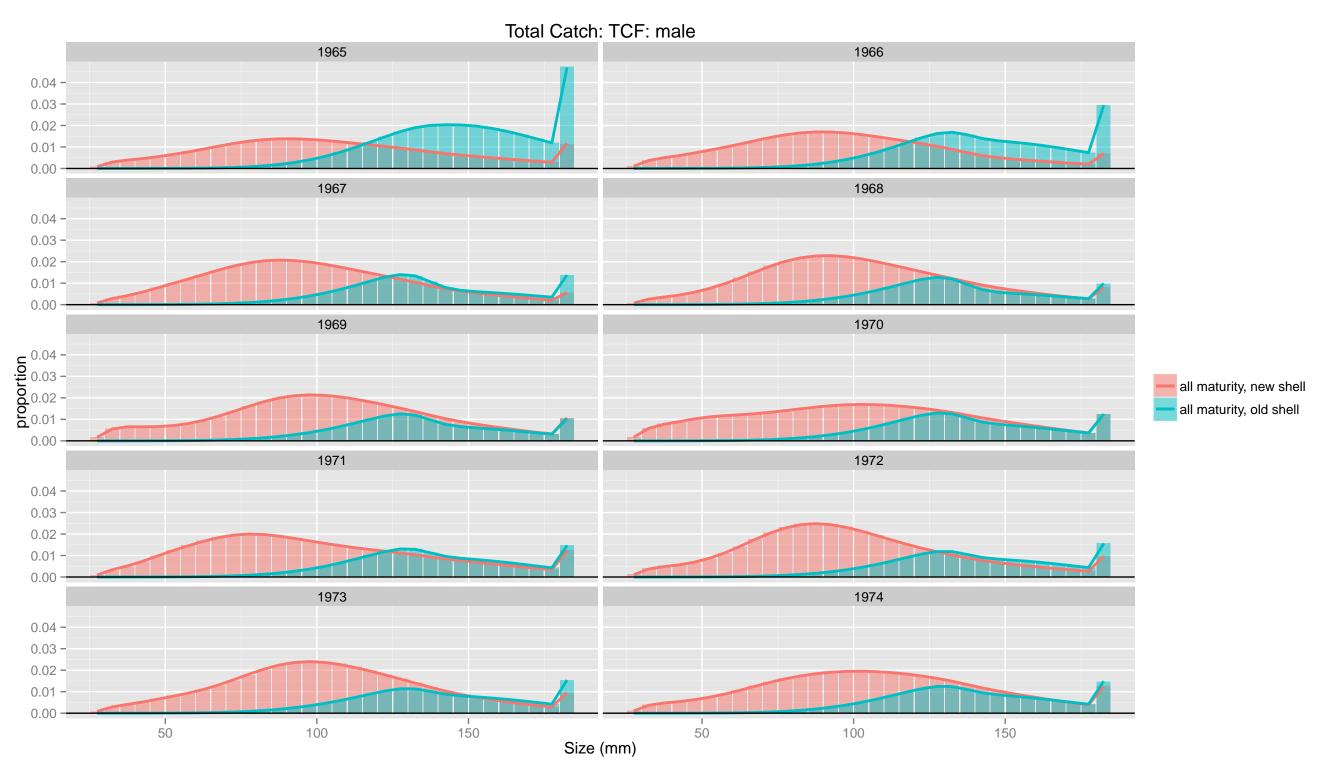


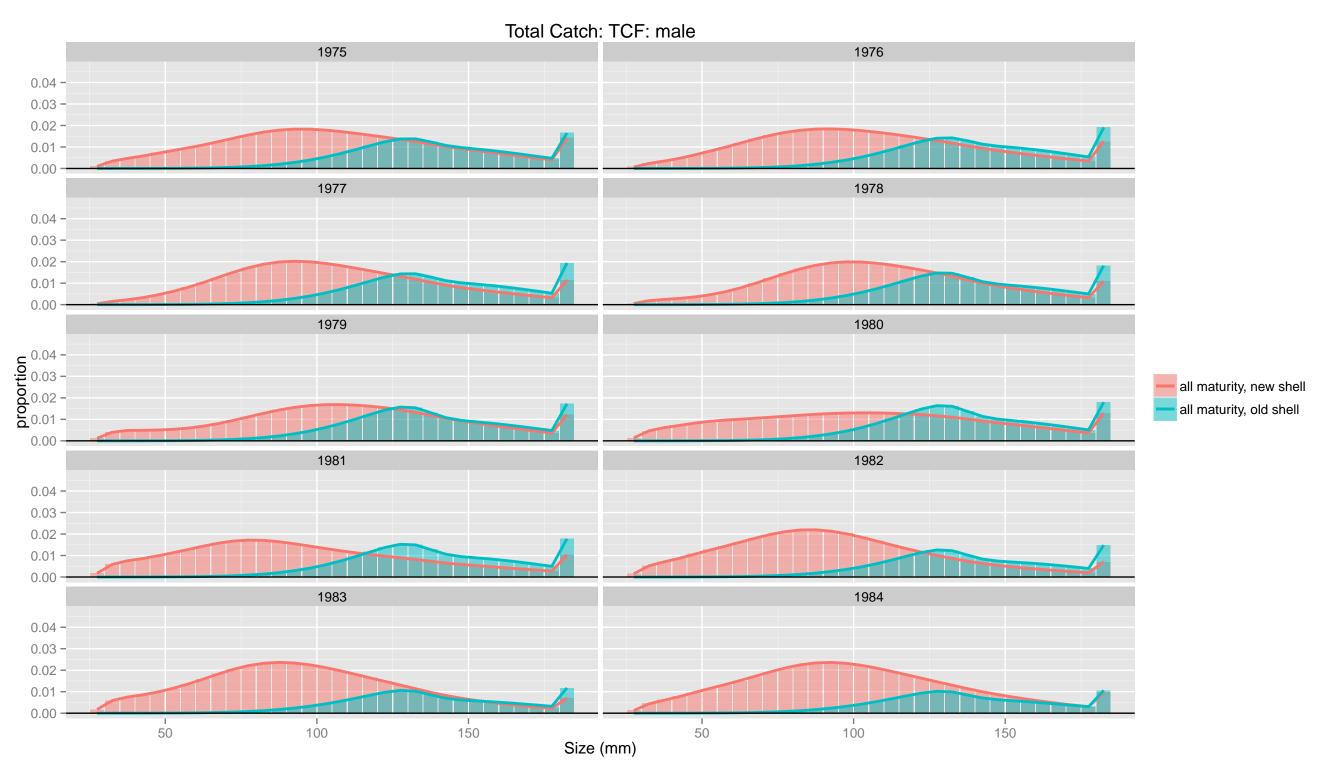


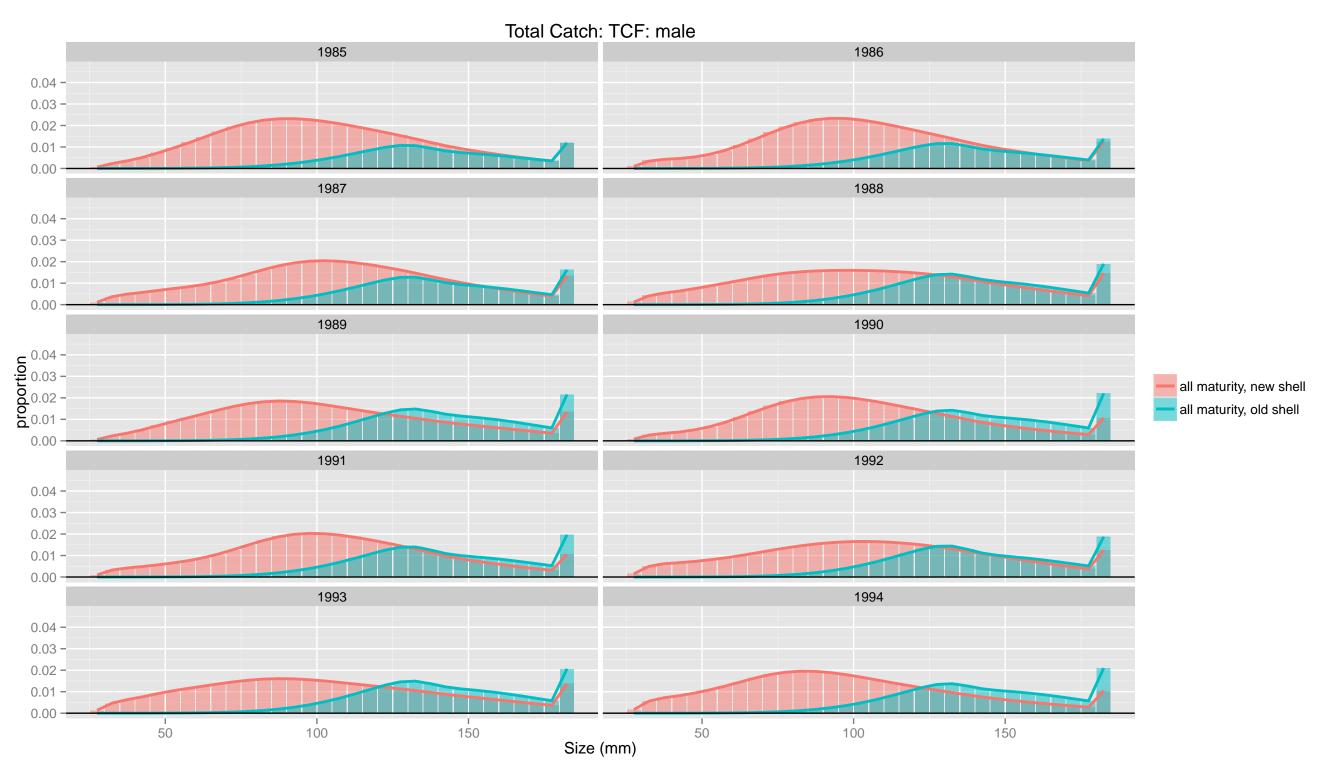


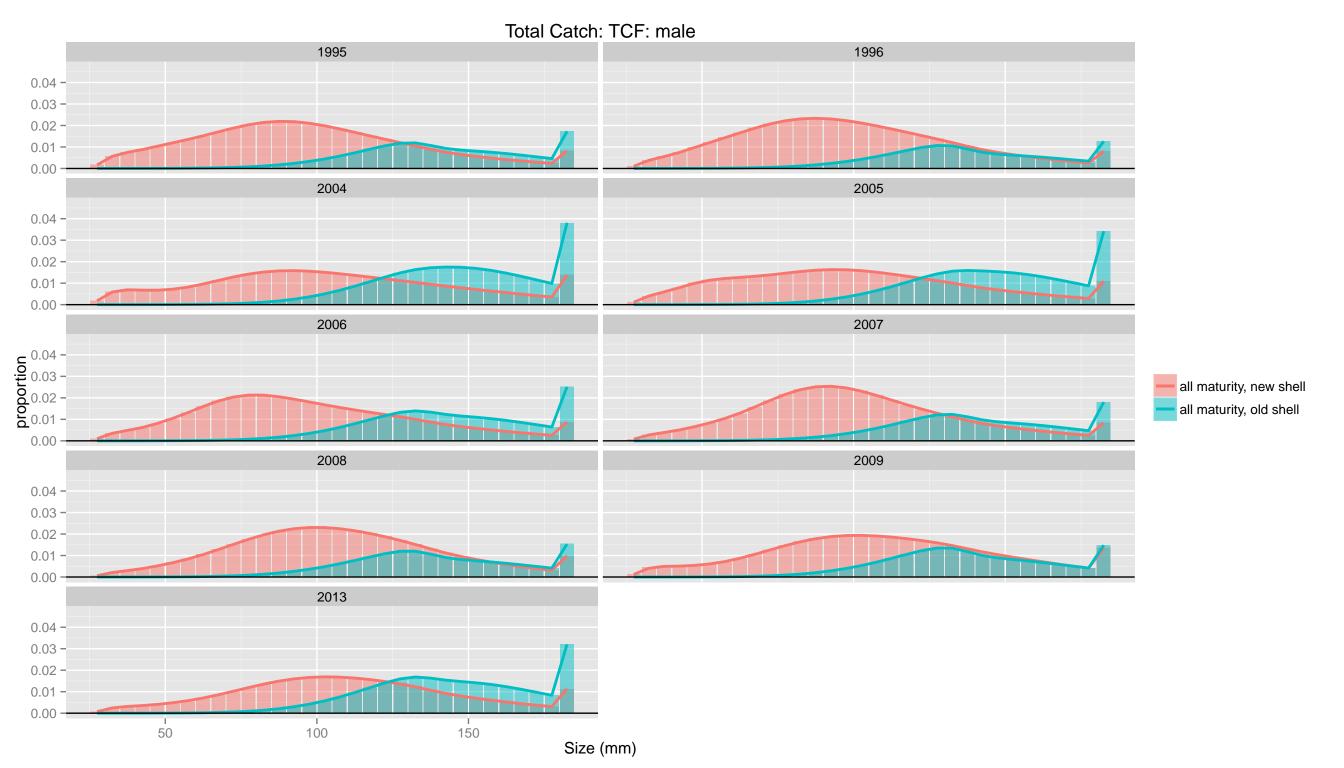


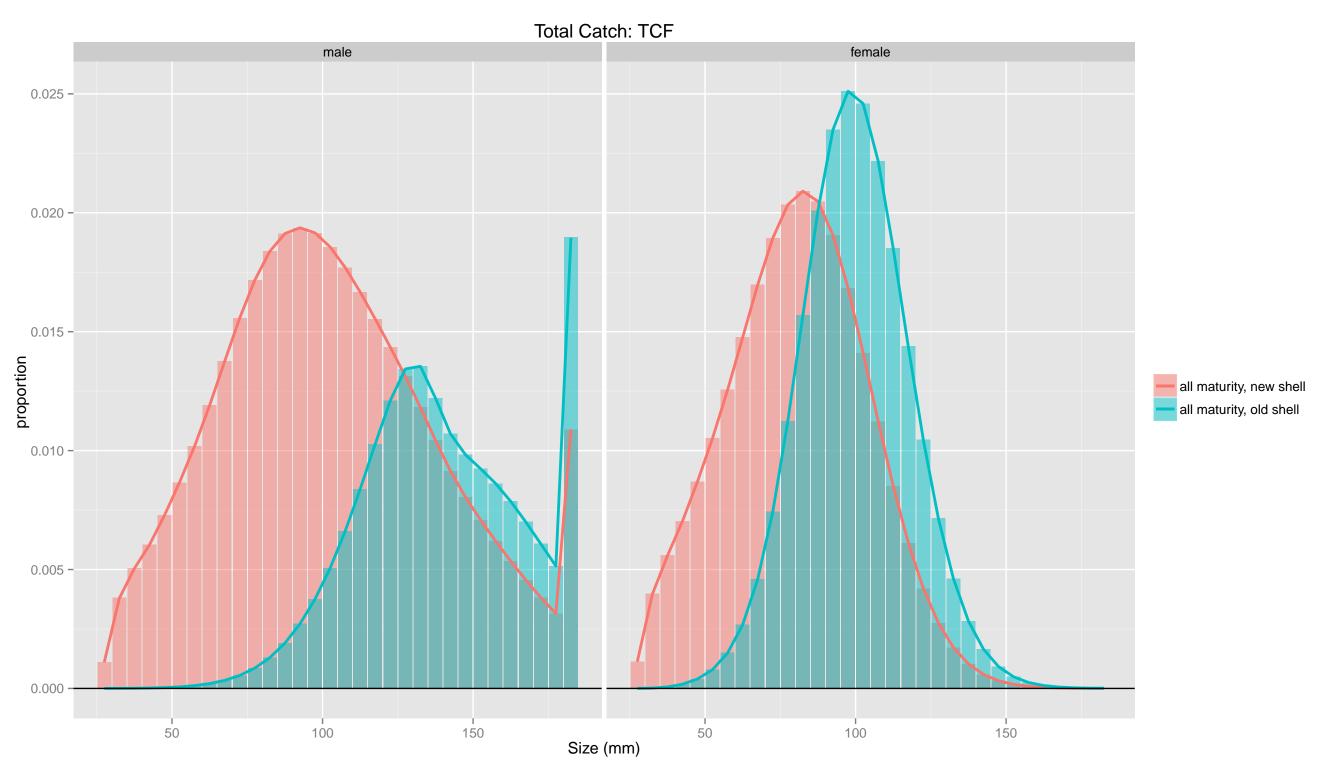


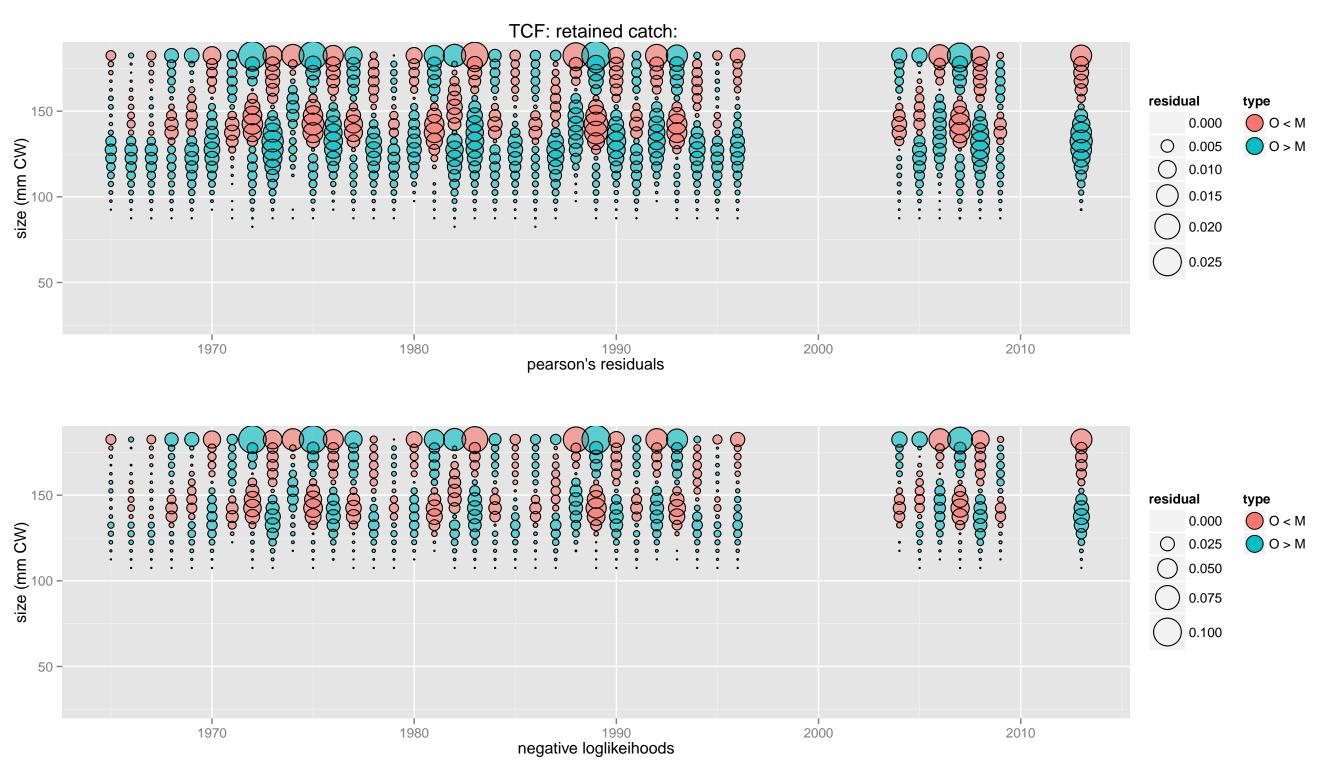


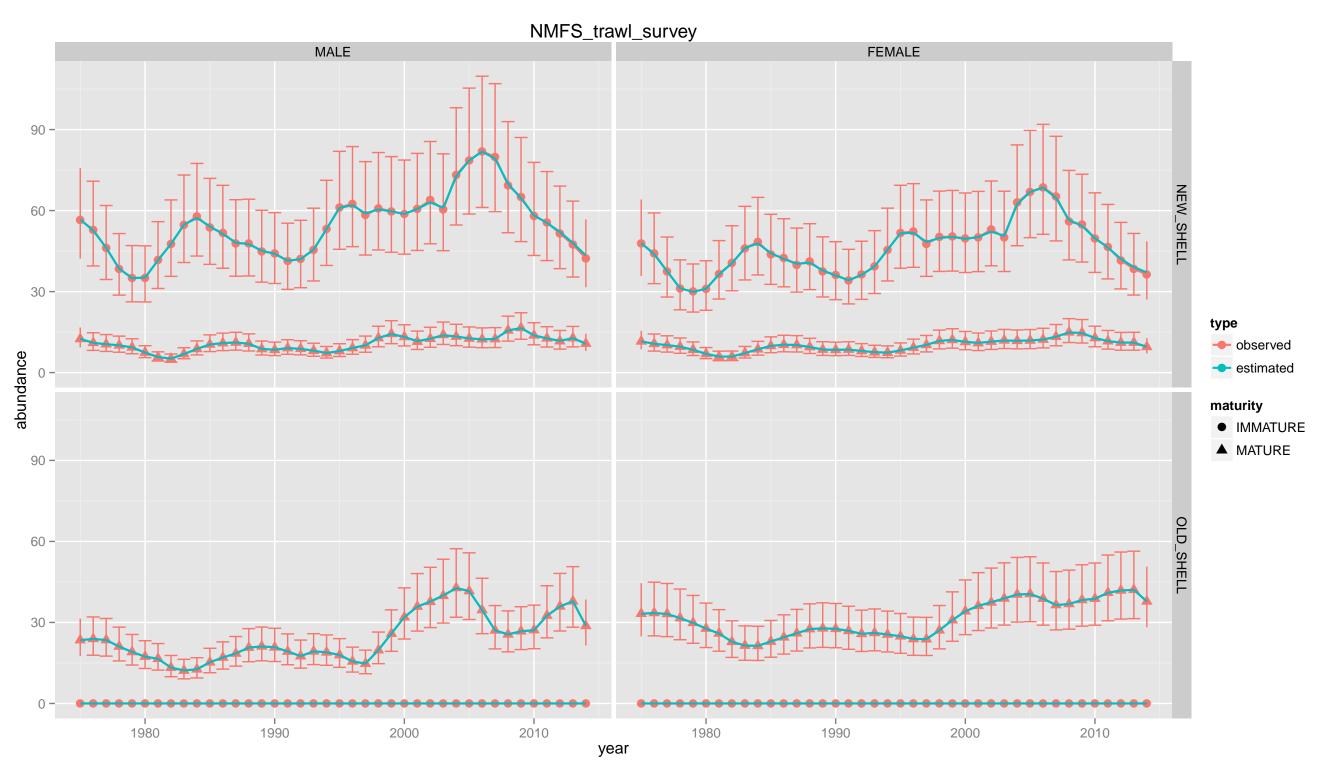


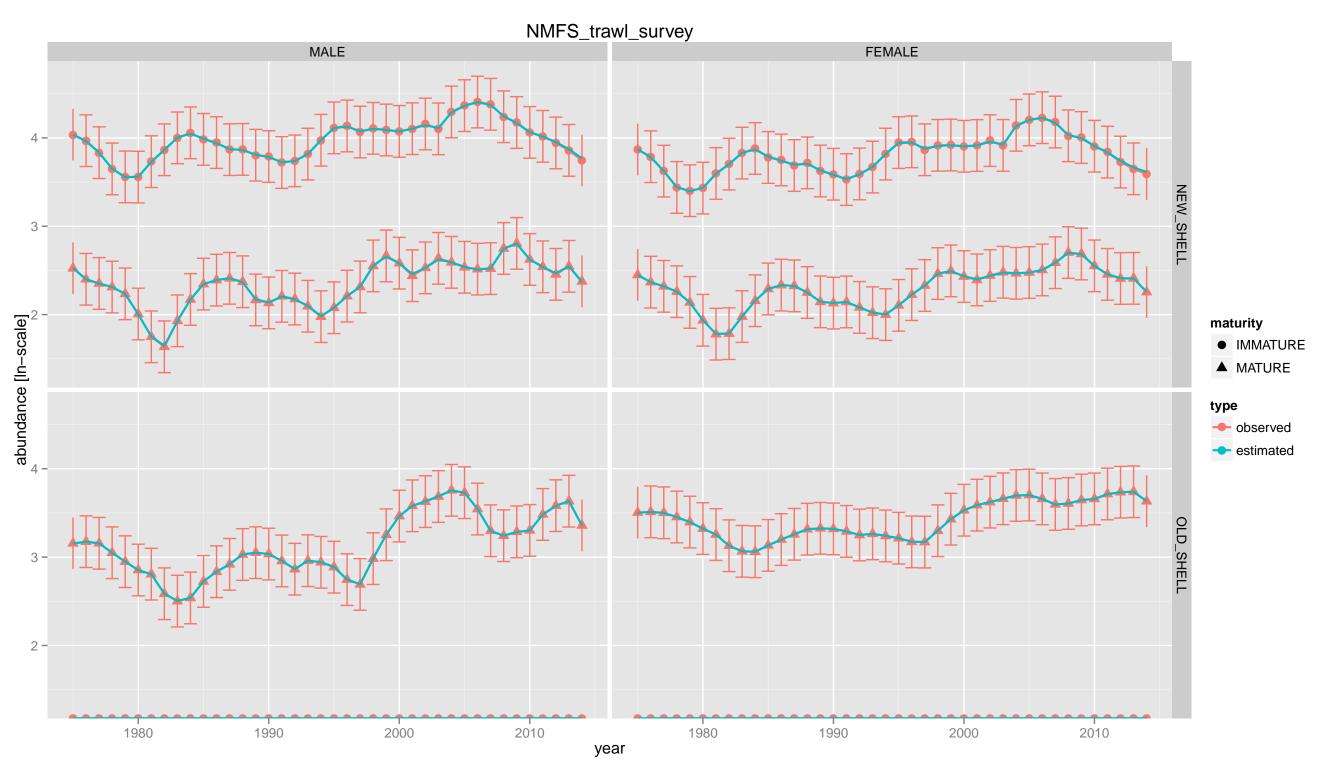


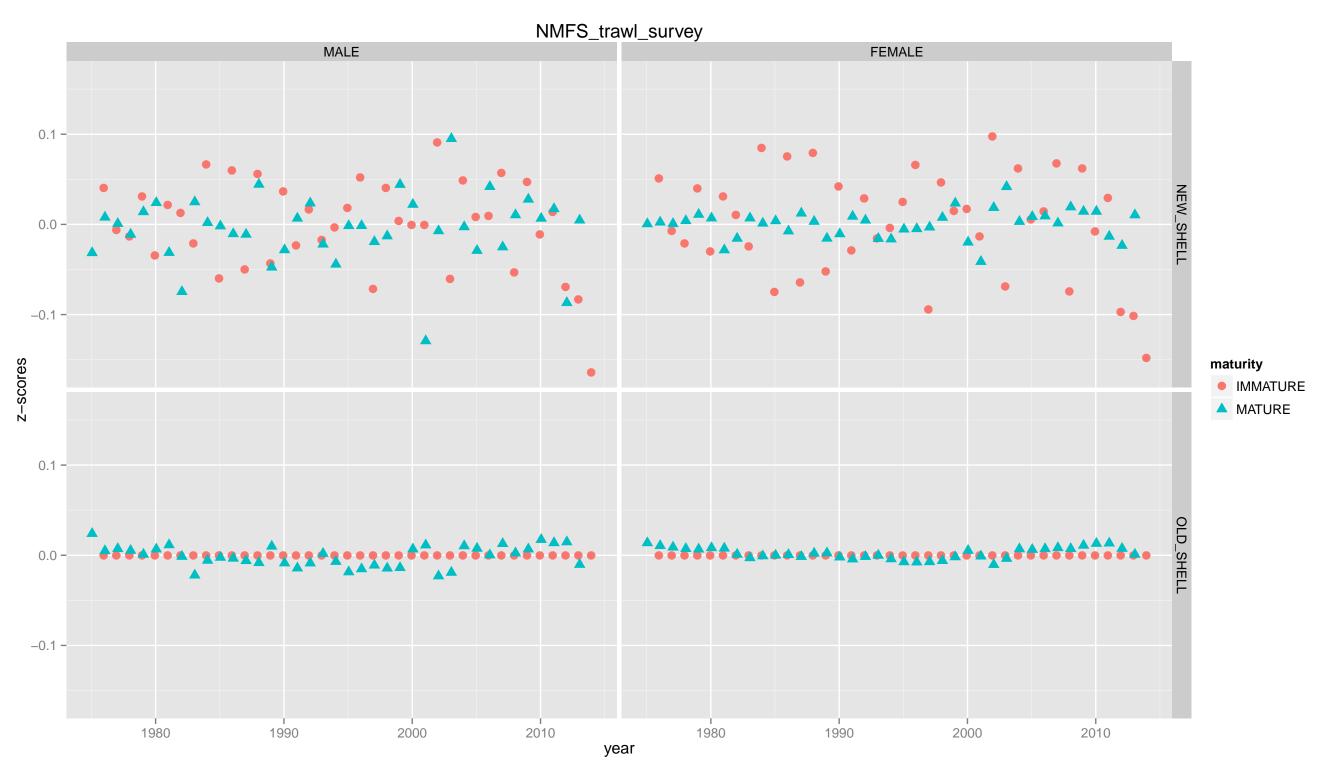


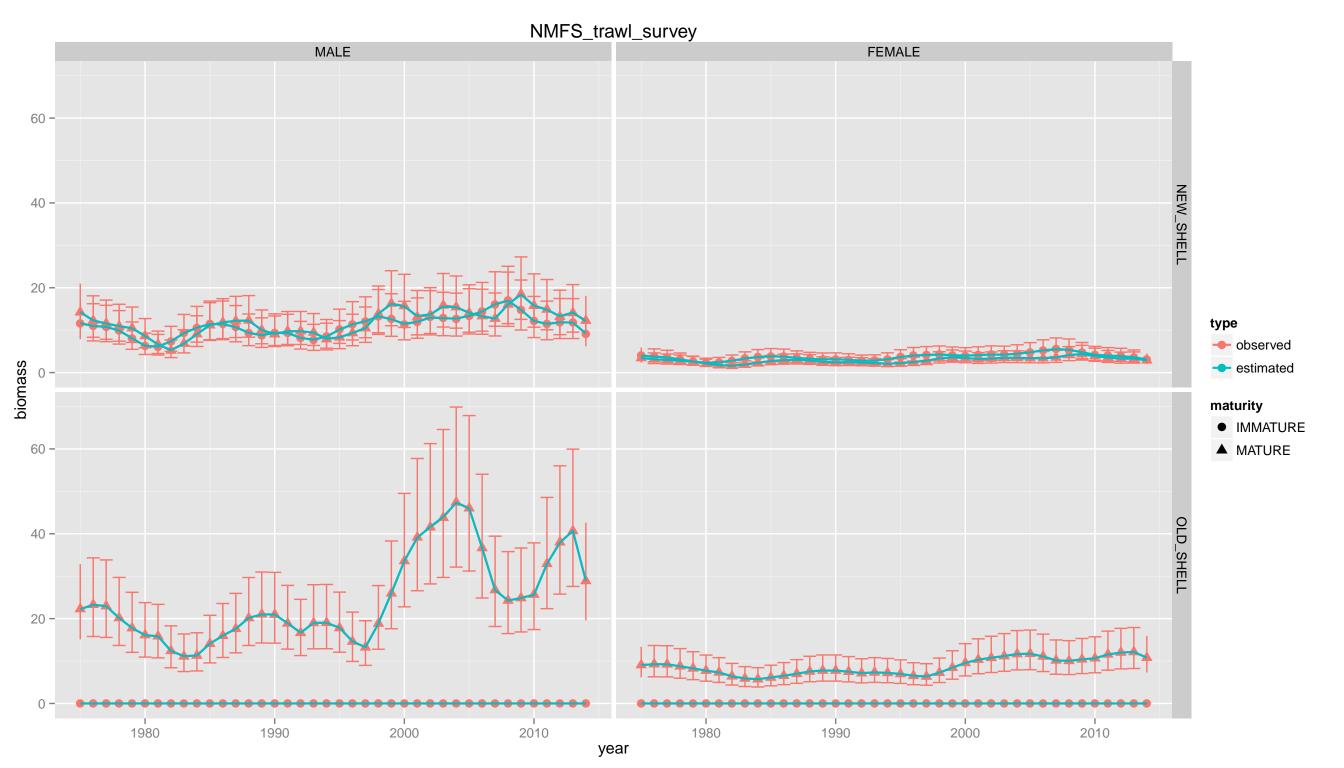


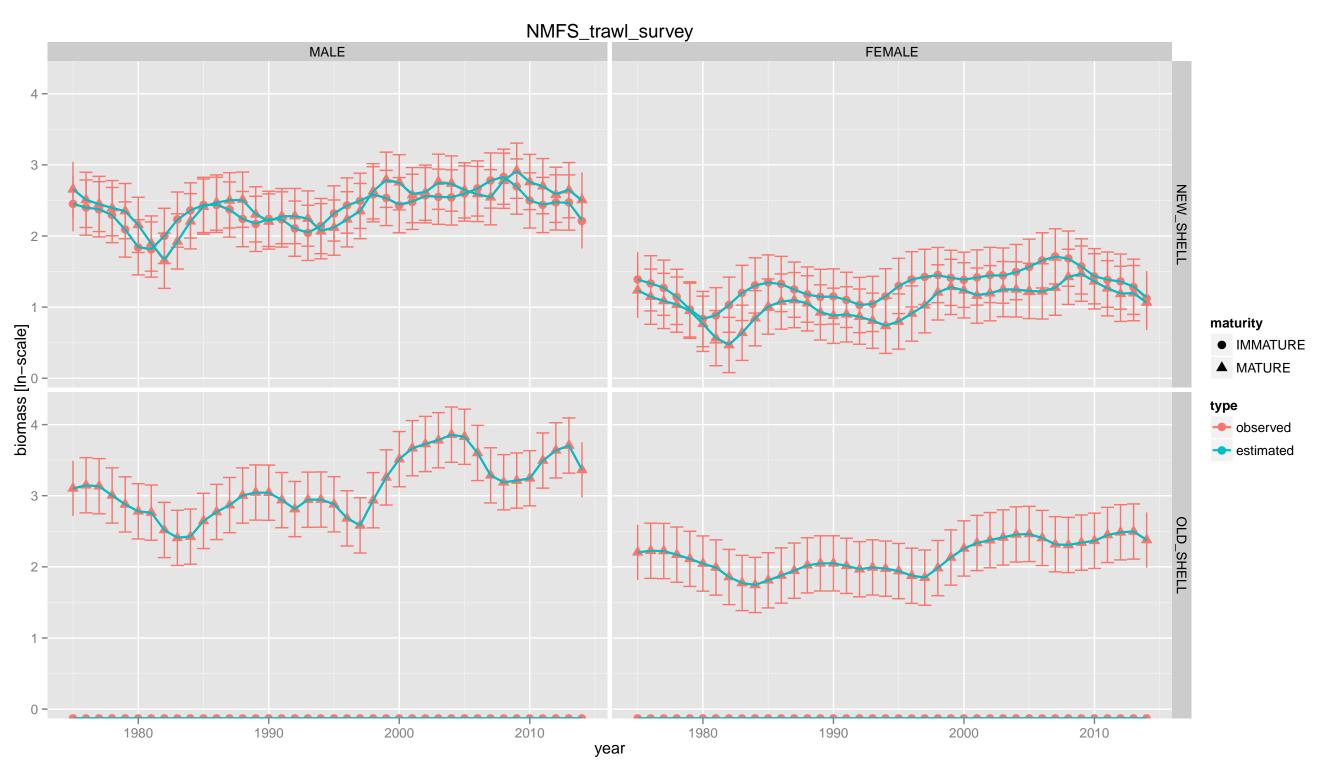


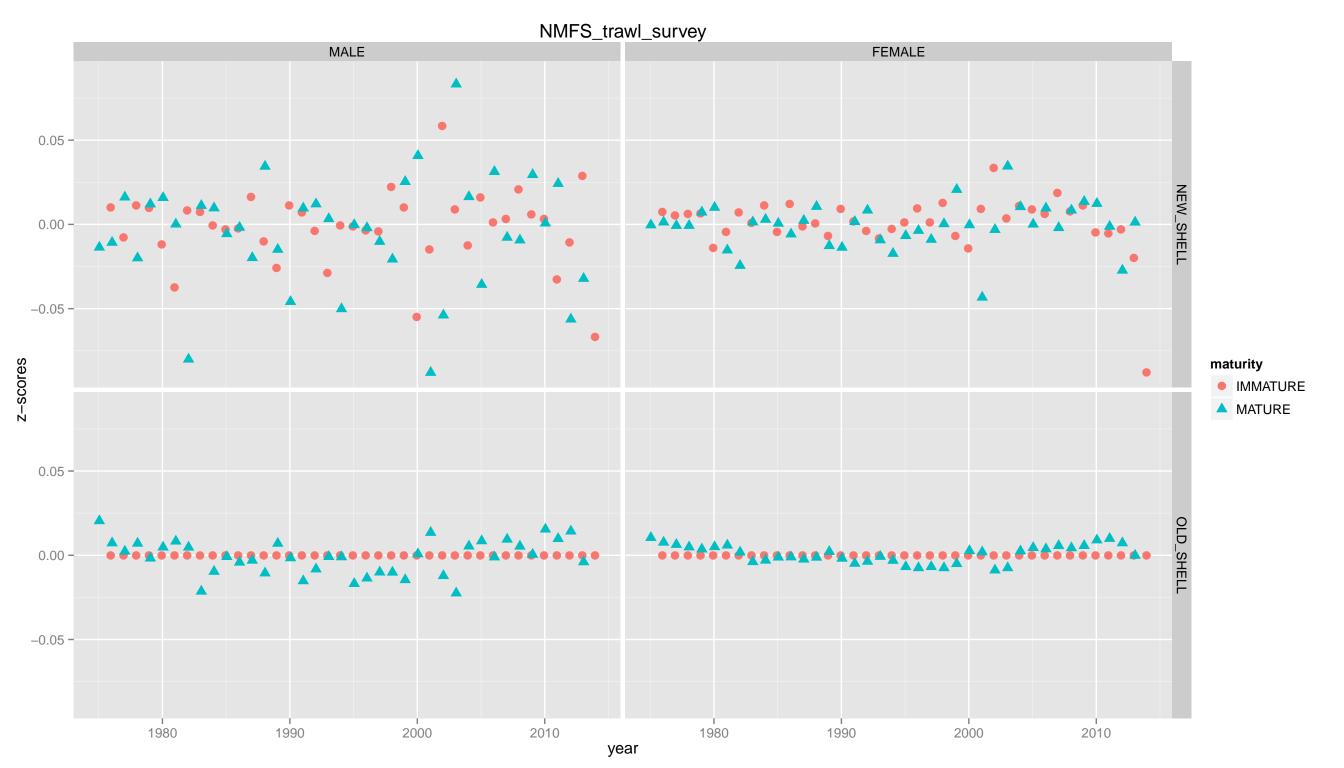


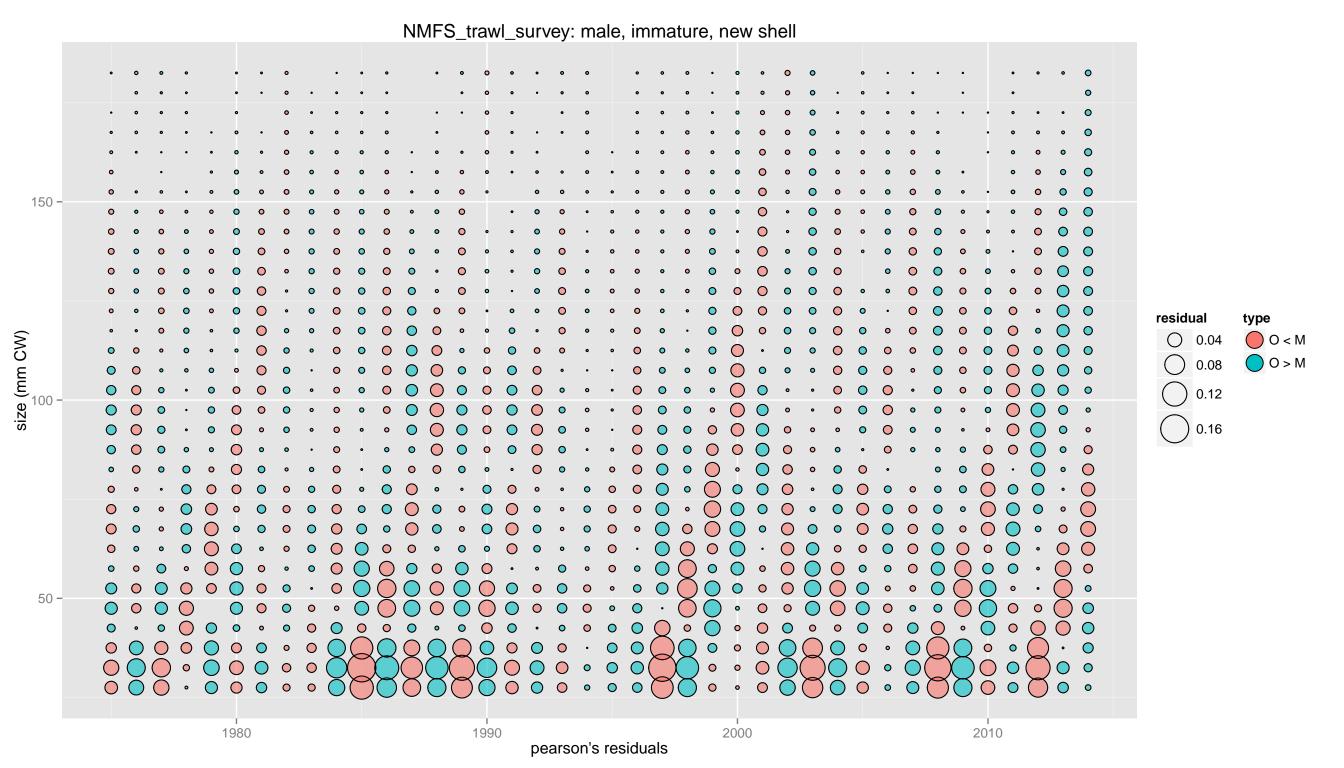


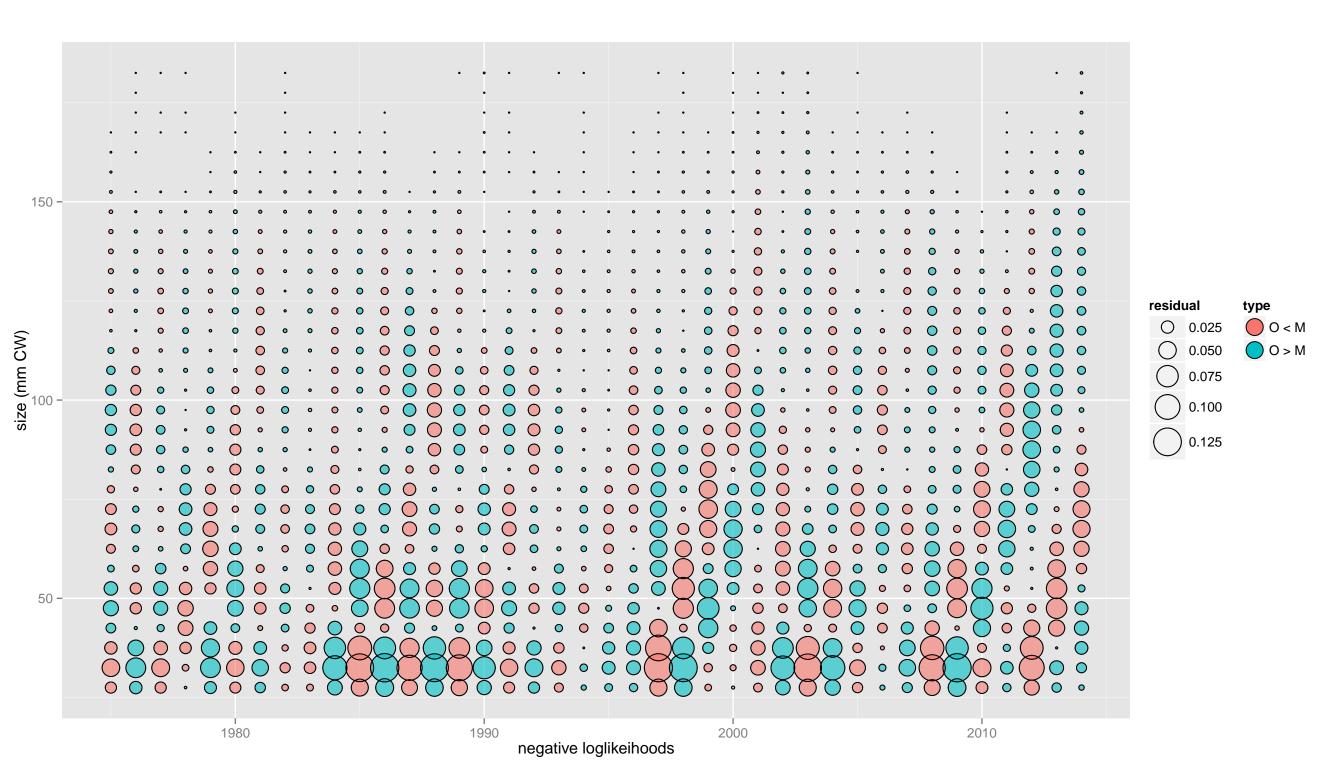


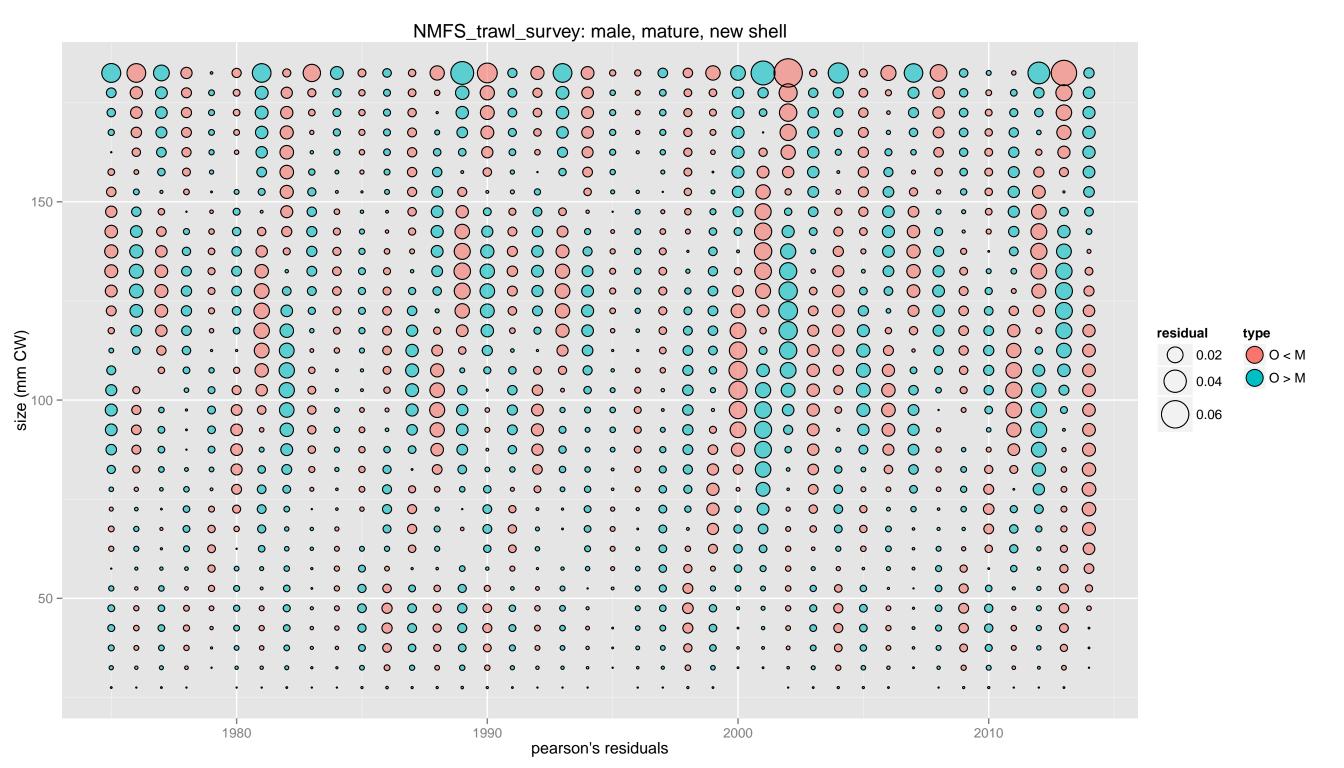




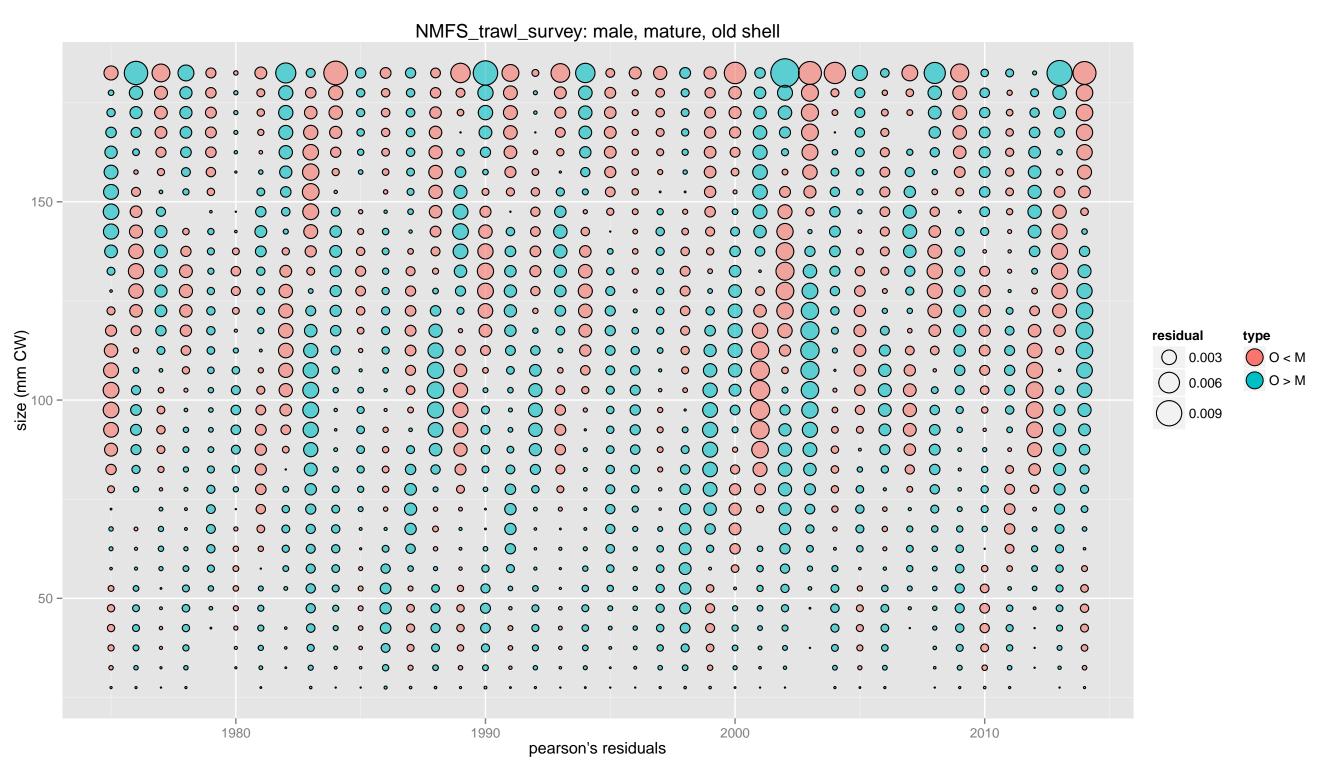


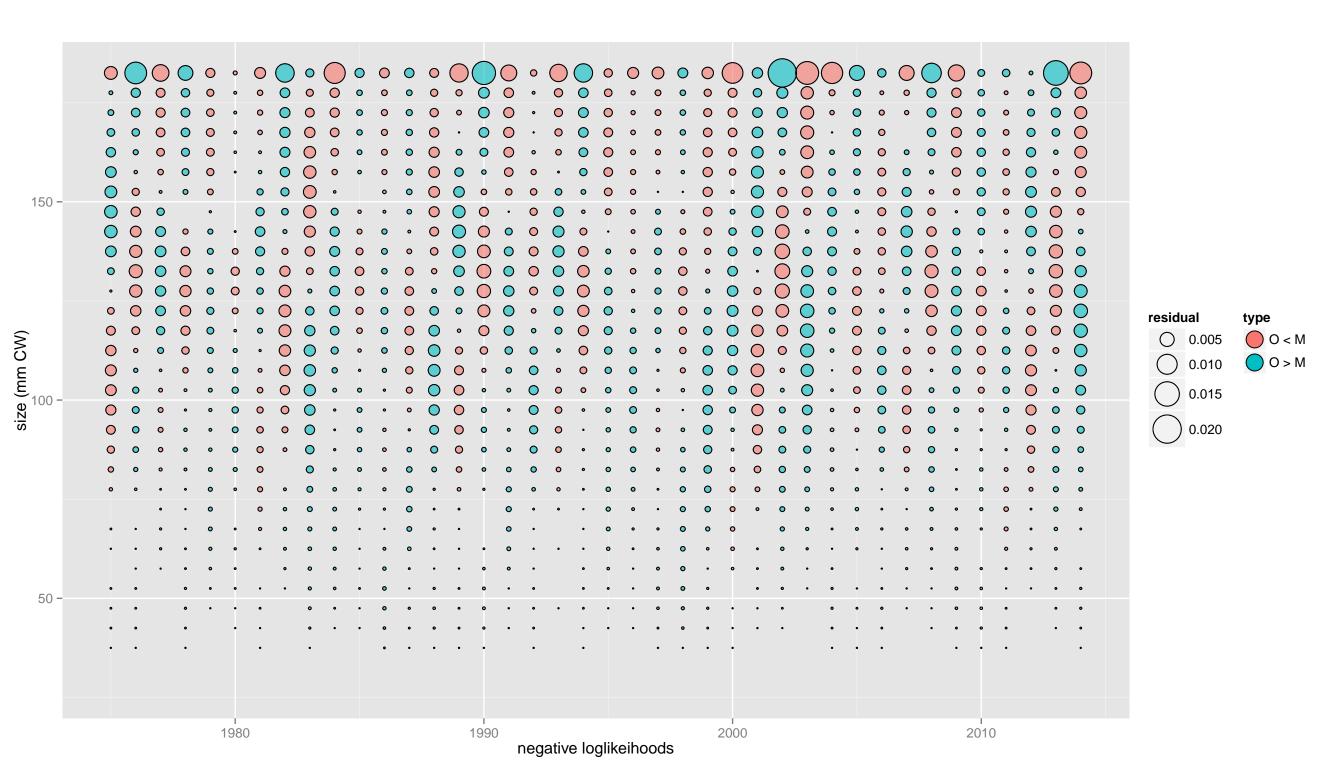


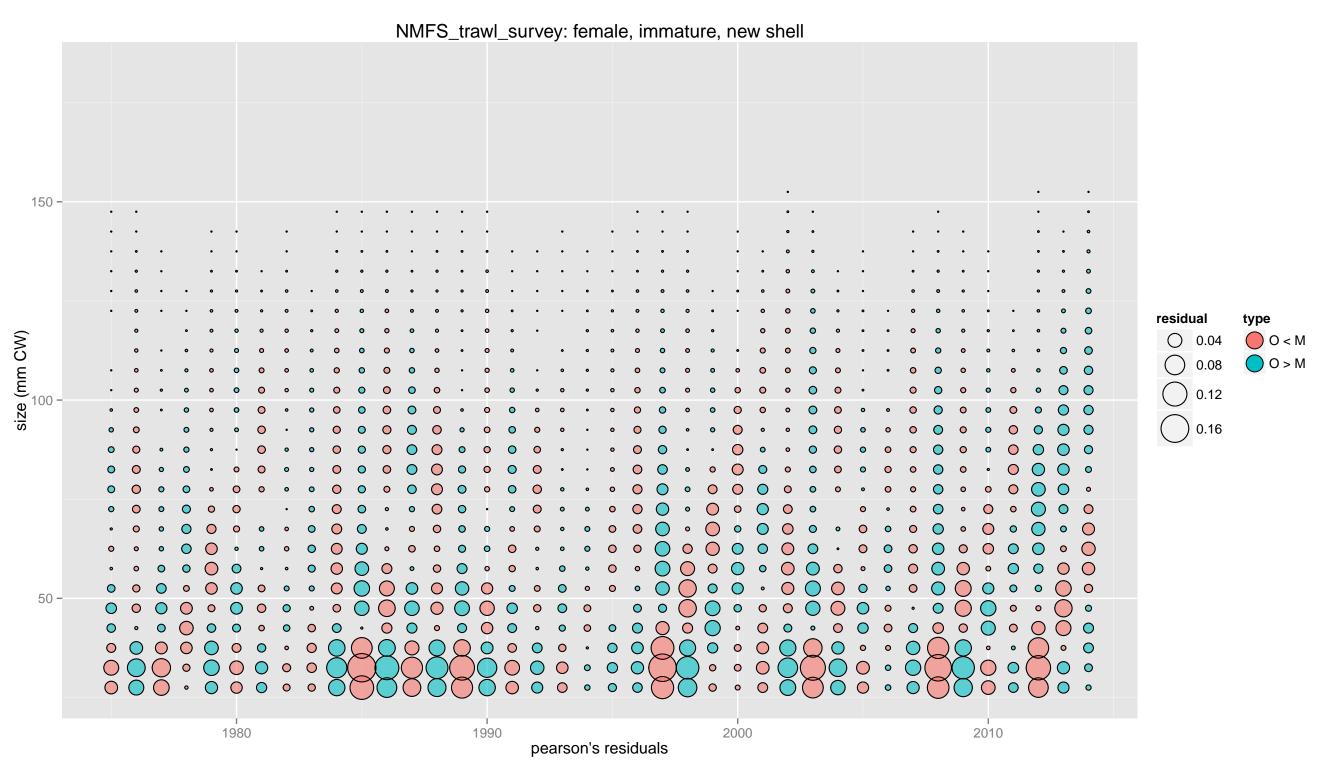


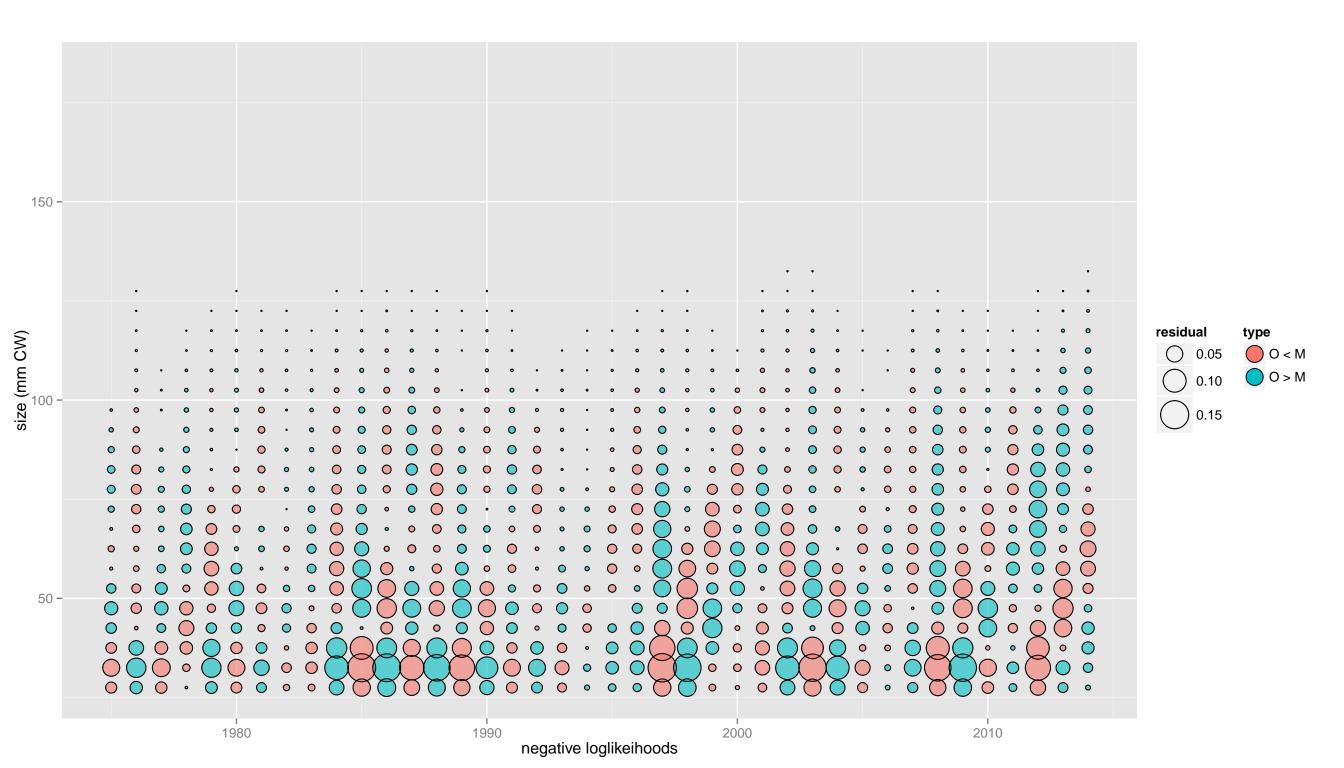


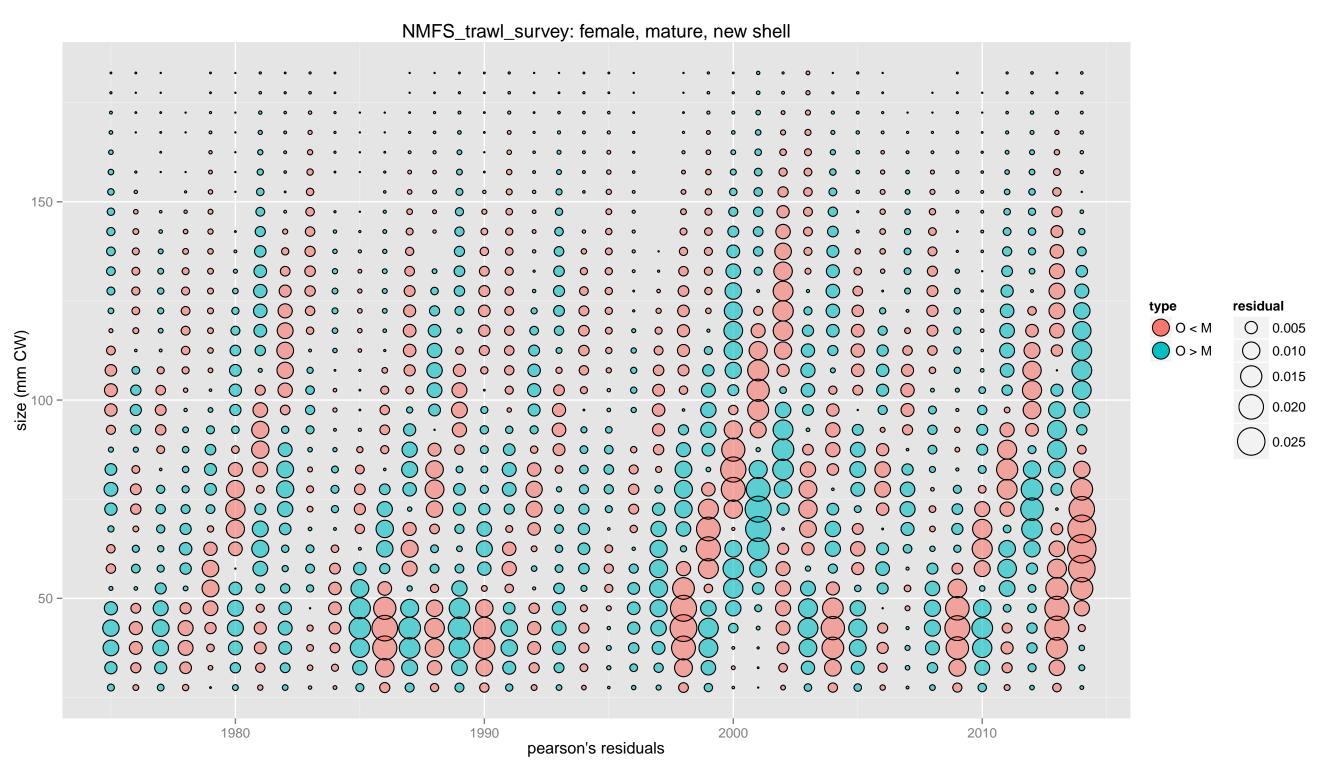


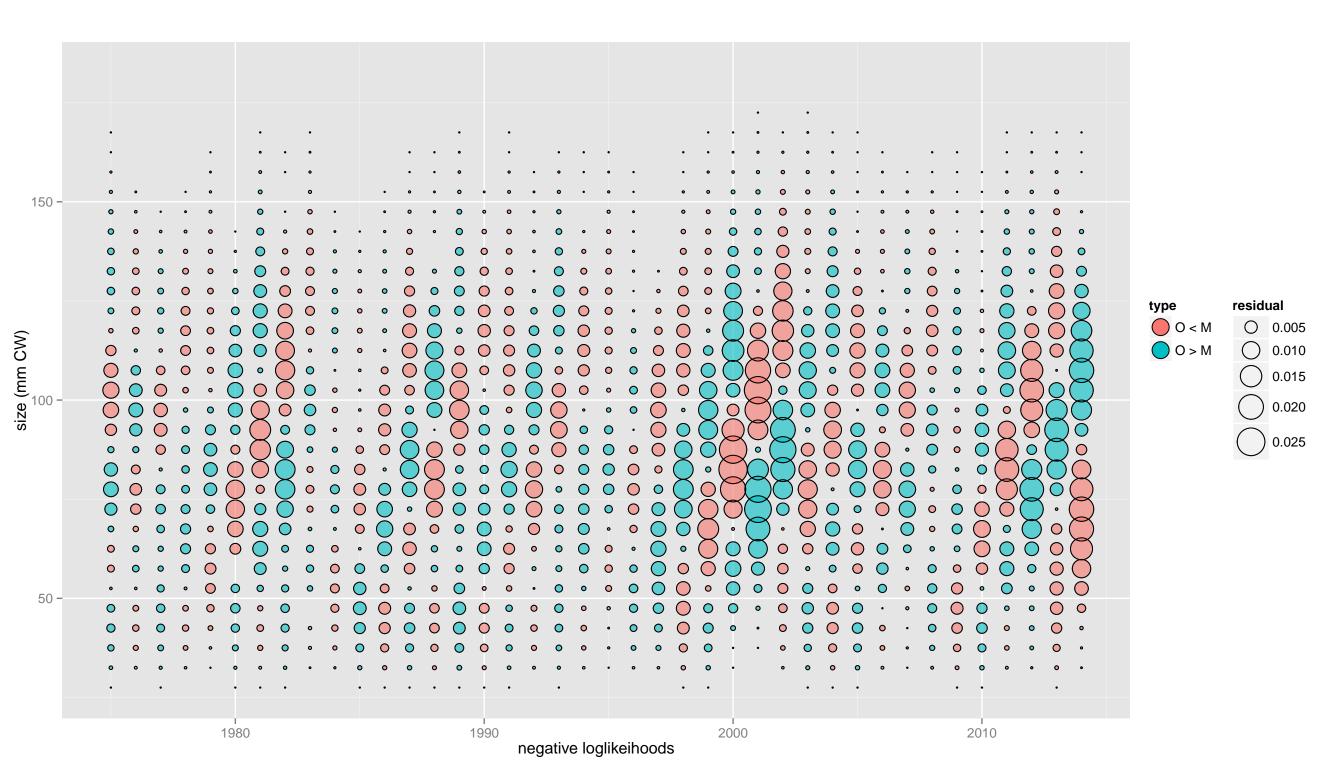


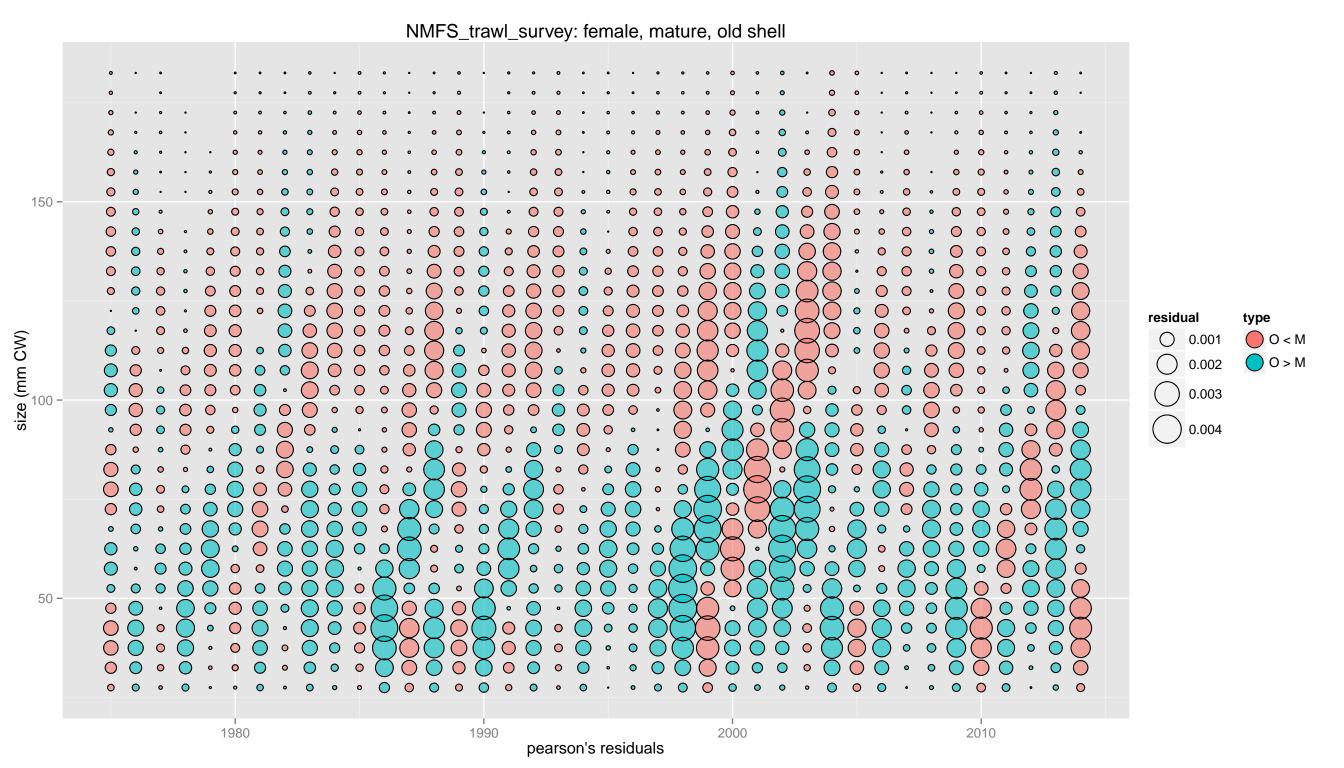


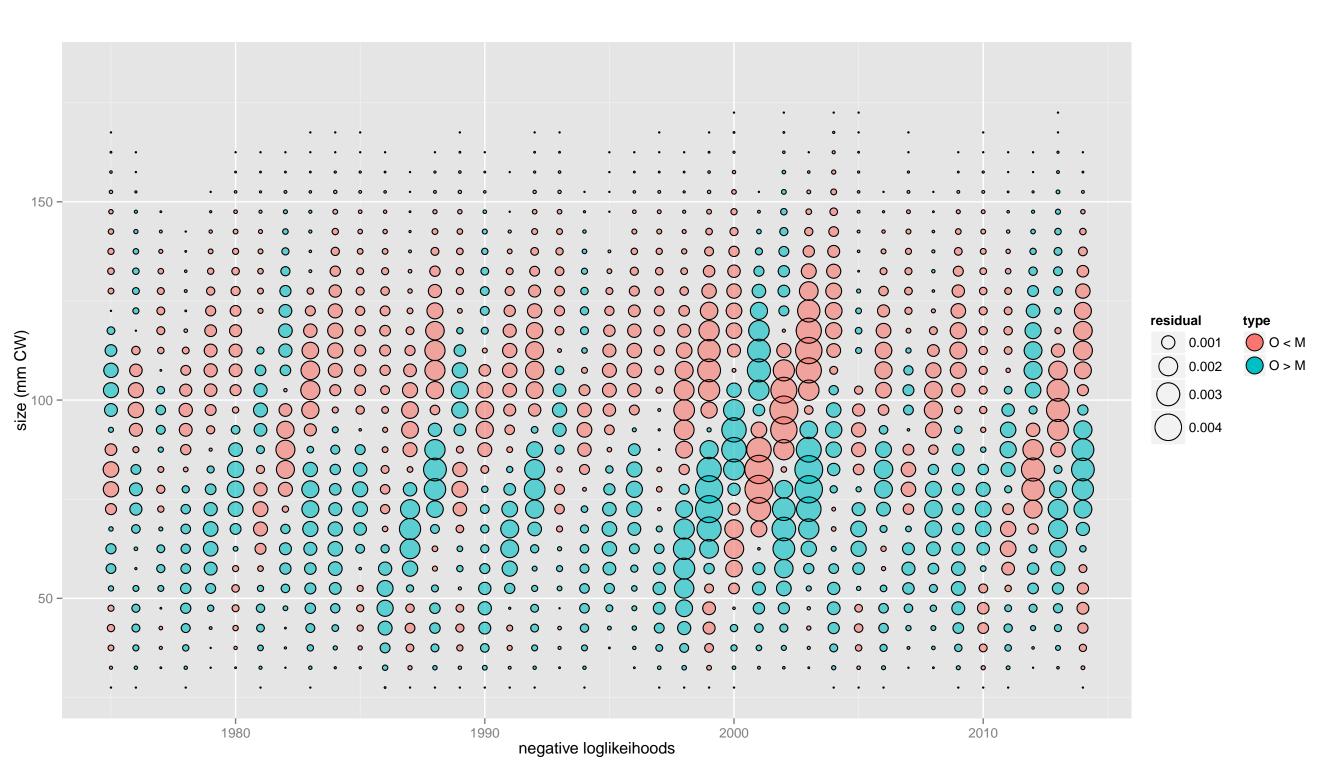


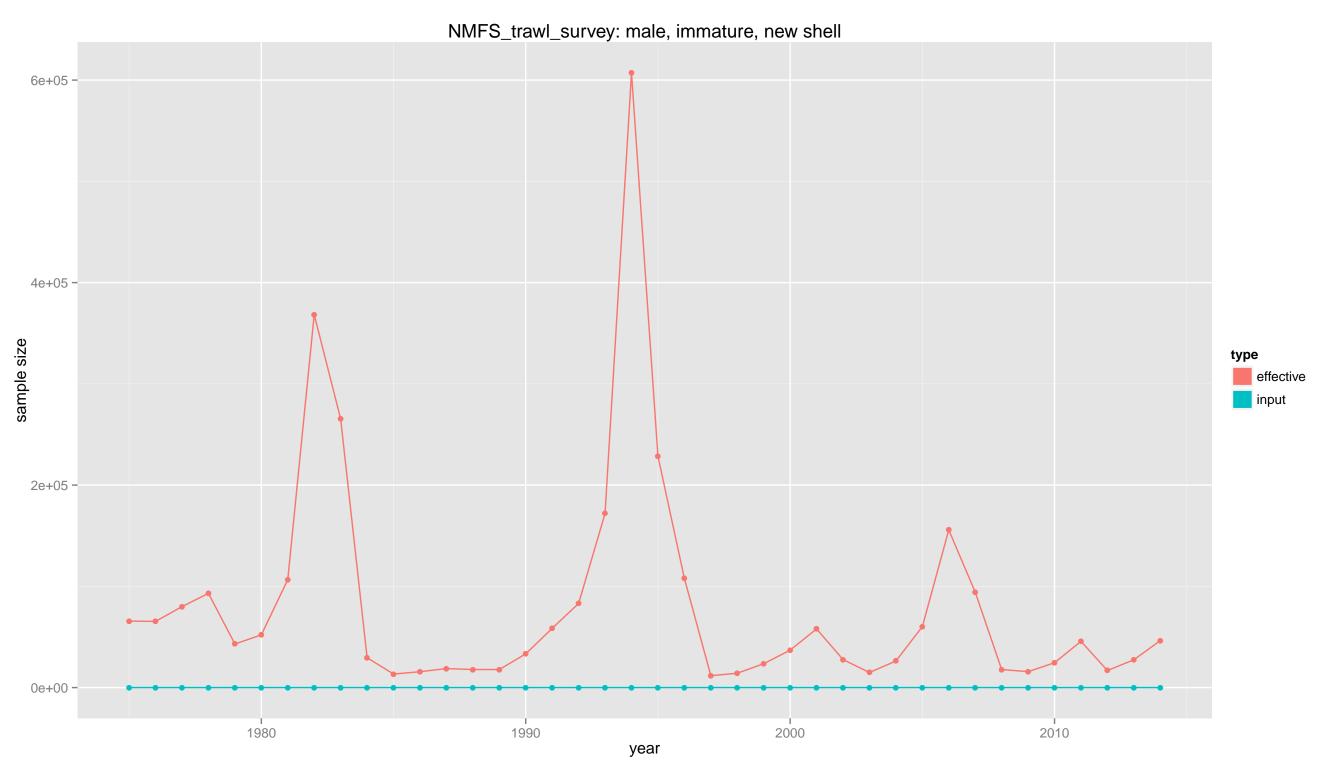


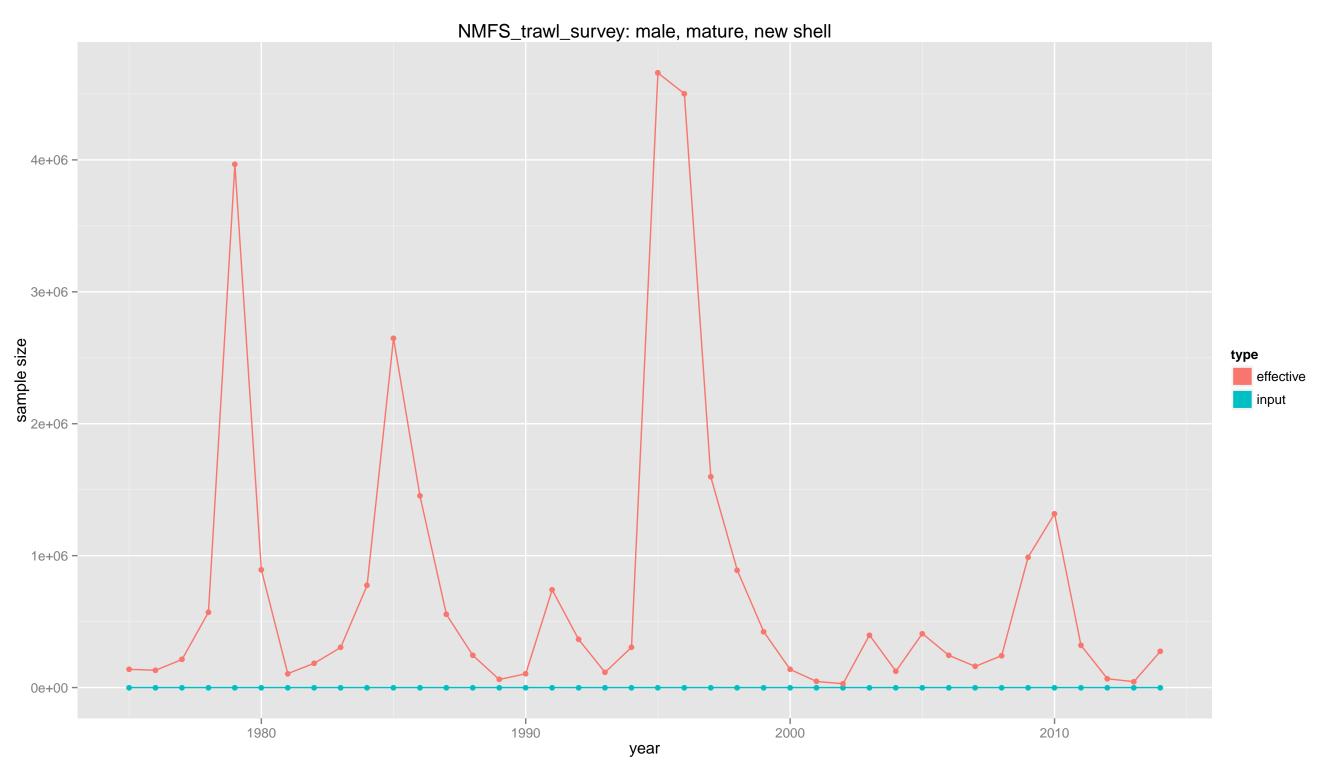


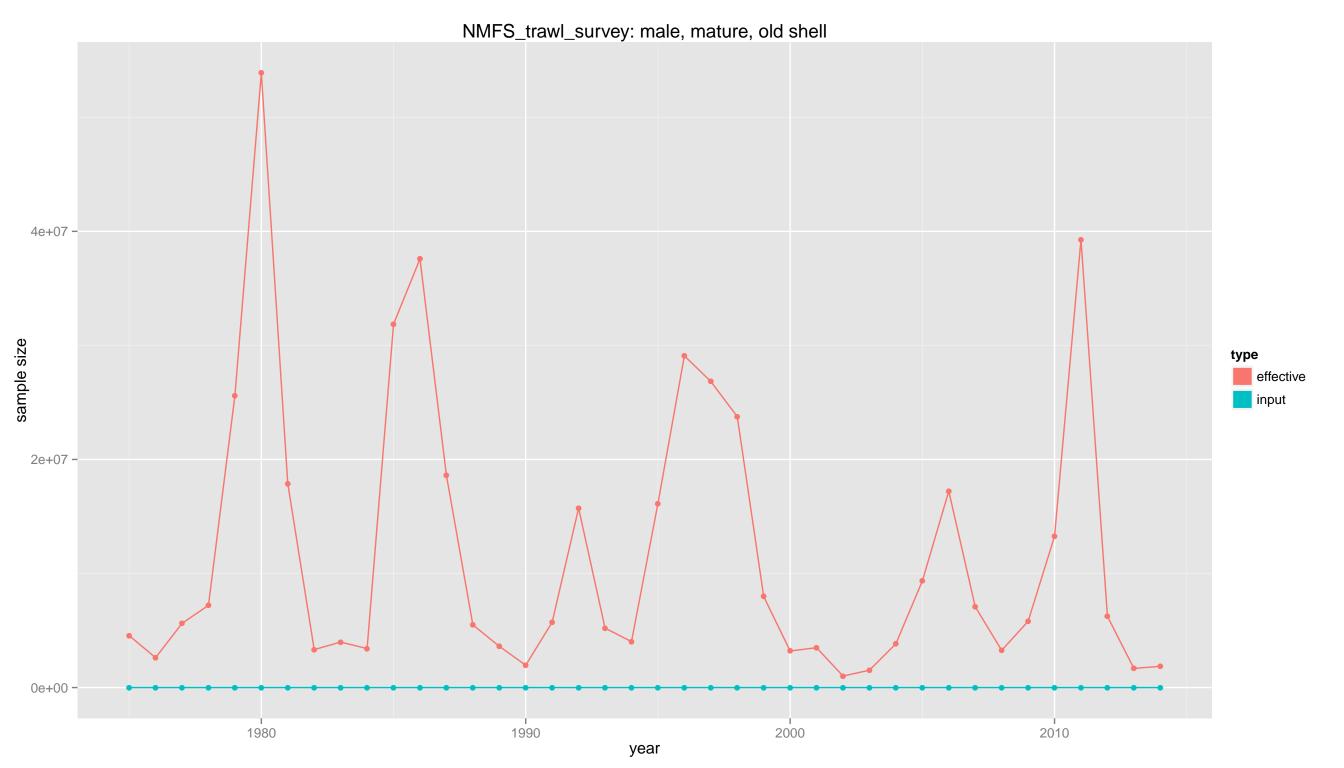


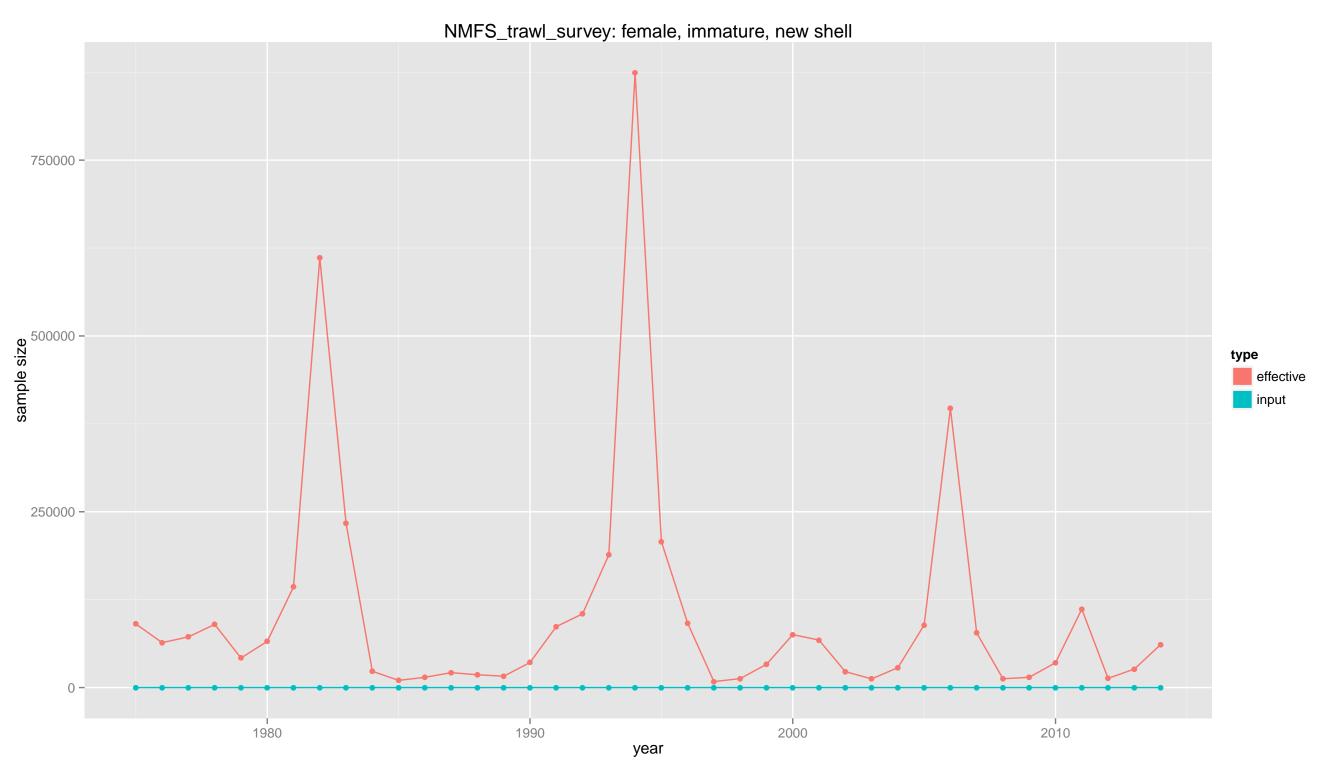


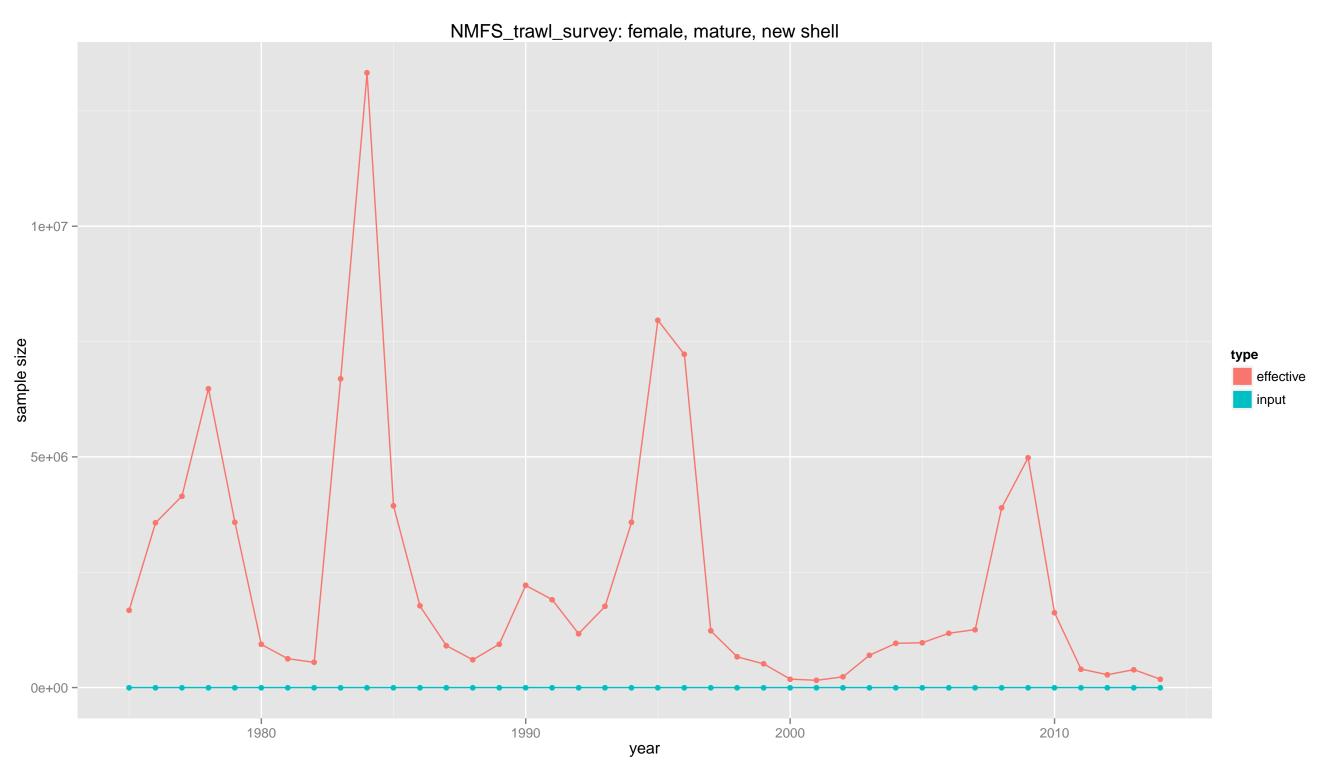


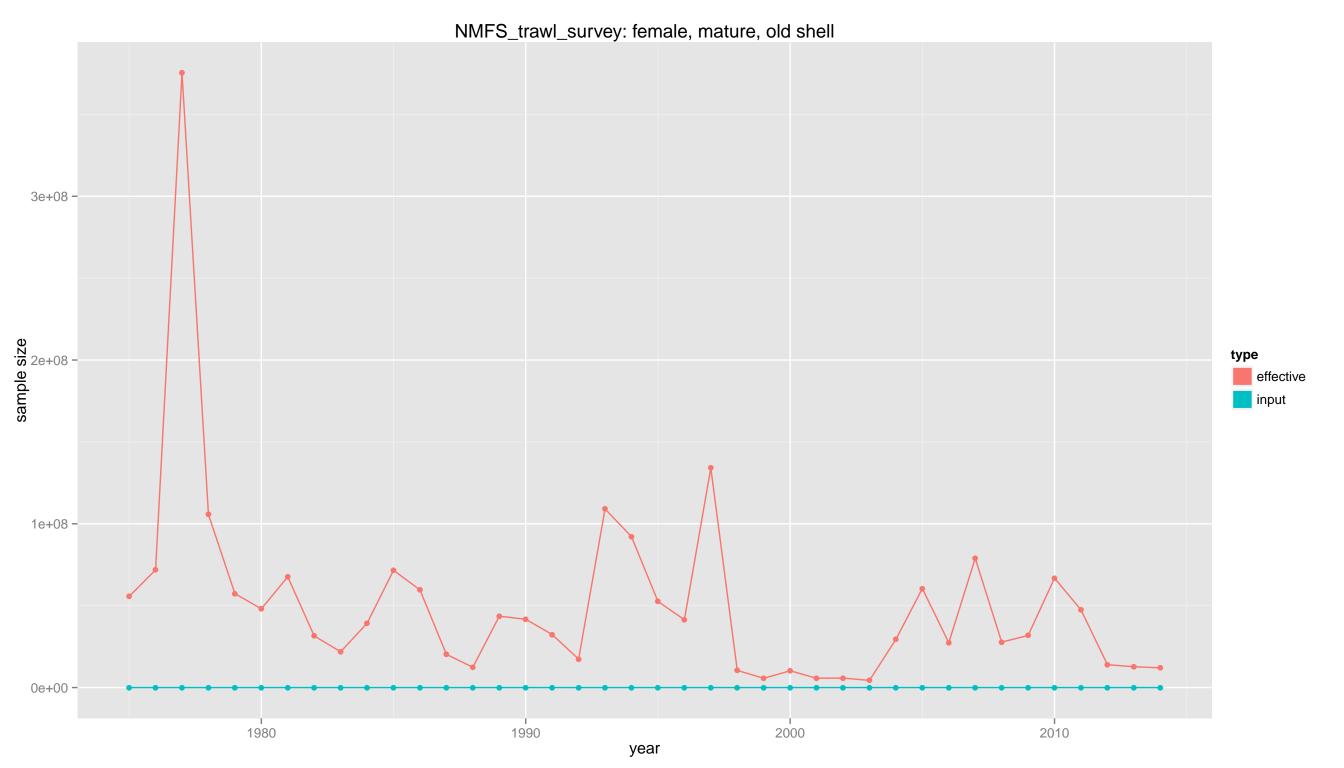






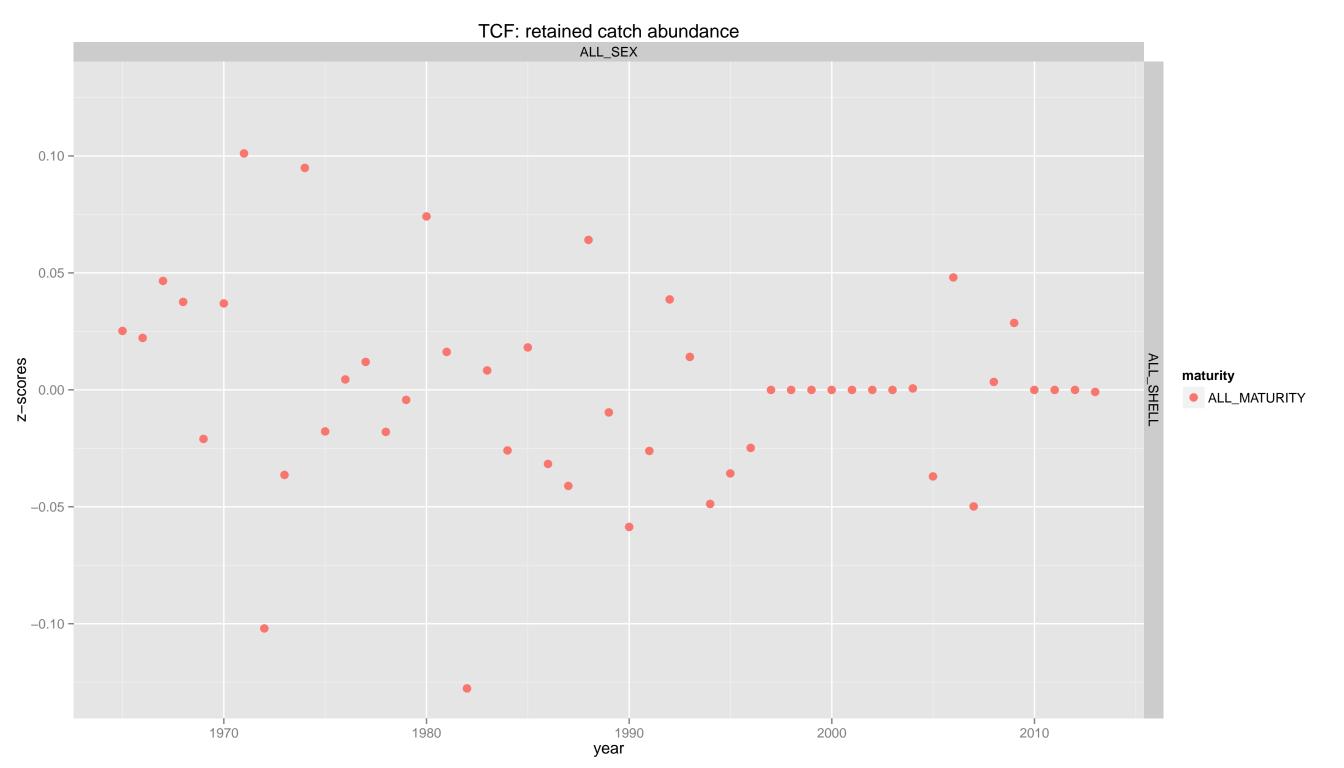




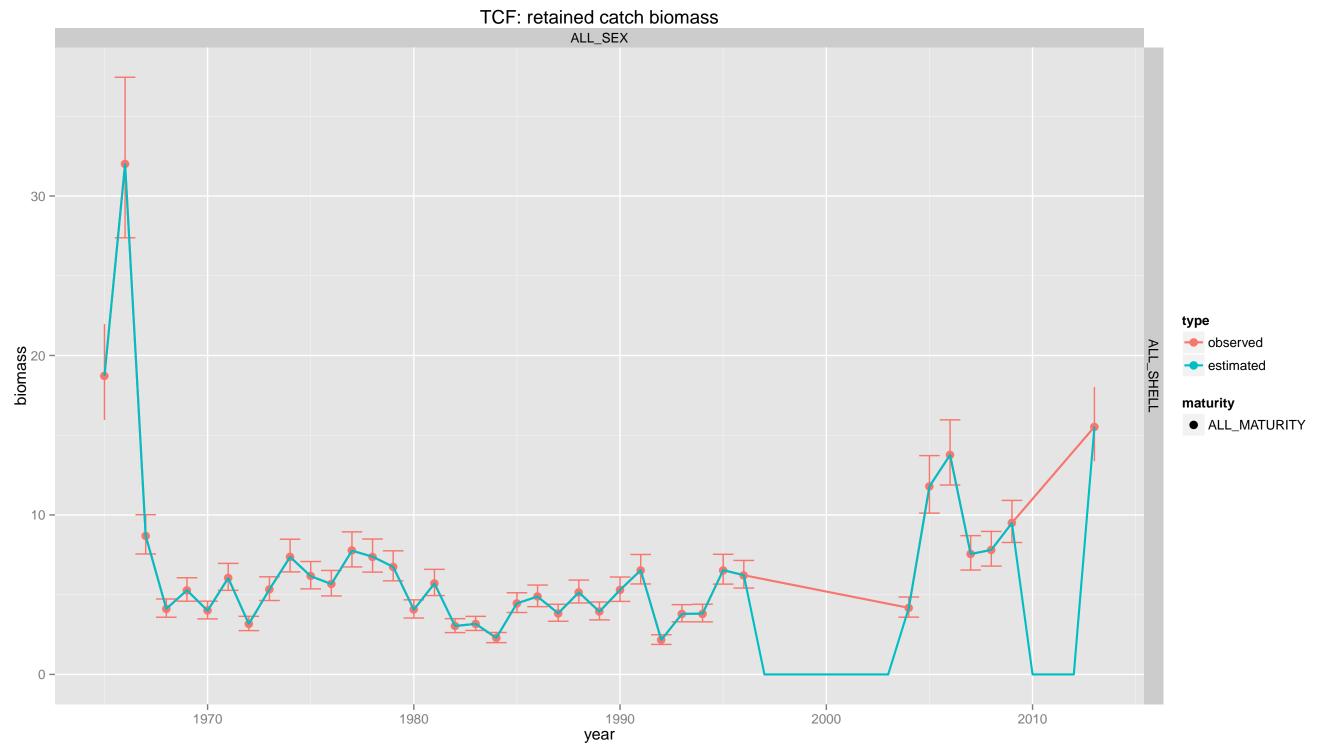


TCF: retained catch abundance ALL_SEX 25 -20 -15 type observed abundance ALL_SHELL -- estimated maturity • ALL_MATURITY 10 -5 -0 -1970 1990 2010 1980 2000 year

TCF: retained catch abundance ALL_SEX 3 abundance [In-scale] maturity ALL_MATURITY ALL_SHELL type observed -- estimated 1970 1980 1990 2000 2010 year



TCF: retained catch biomass



TCF: retained catch biomass ALL_SEX biomass [In-scale] maturity • ALL_MATURITY ALL_SHELL type observed -- estimated 1990 year 1970 1980 2000 2010

TCF: retained catch biomass ALL_SEX 0.06 -0.03 -Z-SCOres maturity ALL_MATURITY -0.03 --0.06 -1970 1980 1990 2000 2010 year

TCF: retained catch:





