Figures

## length(dirvec) as input to SSgetoutput: 4   
## reading output from ss/OneArea\_NoFages/Report.sso   
## added element 'replist1' to list  
## reading output from ss/OneArea\_Fages/Report.sso   
## added element 'replist2' to list  
## reading output from ss/TwoArea\_NoFages/Report.sso   
## added element 'replist3' to list  
## reading output from ss/TwoArea\_Fages/Report.sso   
## added element 'replist4' to list

## Summarizing 4 models:

## imodel=1/4

## N active pars = 73

## imodel=2/4

## N active pars = 73

## imodel=3/4

## N active pars = 86

## imodel=4/4

## N active pars = 86

## Summary finished. To avoid printing details above, use 'verbose = FALSE'.

Read in and plot individual runs to check and have a record

# {r plotruns, echo=FALSE} # MyOutput = r4ss::SS\_output(dir = M1,covar = TRUE,forecast=TRUE) # r4ss::SS\_plots(replist = MyOutput,uncertainty=TRUE) #, plot = 2:24) # # MyOutput = r4ss::SS\_output(dir = M2,covar = TRUE,forecast=TRUE) # r4ss::SS\_plots(replist = MyOutput,uncertainty=TRUE) #, plot = 2:24) # # MyOutput = r4ss::SS\_output(dir = M3,covar = TRUE,forecast=TRUE) # r4ss::SS\_plots(replist = MyOutput,uncertainty=TRUE) #, plot = 2:24) # # MyOutput = r4ss::SS\_output(dir = M4,covar = TRUE,forecast=TRUE) # r4ss::SS\_plots(replist = MyOutput,uncertainty=TRUE) #, plot = 2:24) #

## [1] "note this function currently only works for narea = 1"

## Joining, by = c("Fleet", "Sex", "mname")

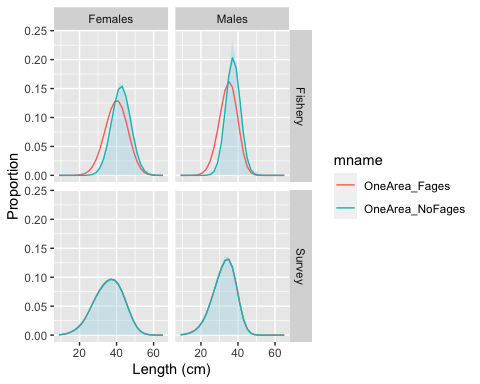


Figure 1. Fits (lines) to female and male length composition data aggregated by year (shaded regions) for the one area model without fishery ages included in model inputs (blue line) and with fishery ages included in model inputs (red line).

## [1] "note this function currently only works for narea = 1"

## Joining, by = c("Fleet", "Sex", "mname")

