

Plots created using the 'r4ss' package in R

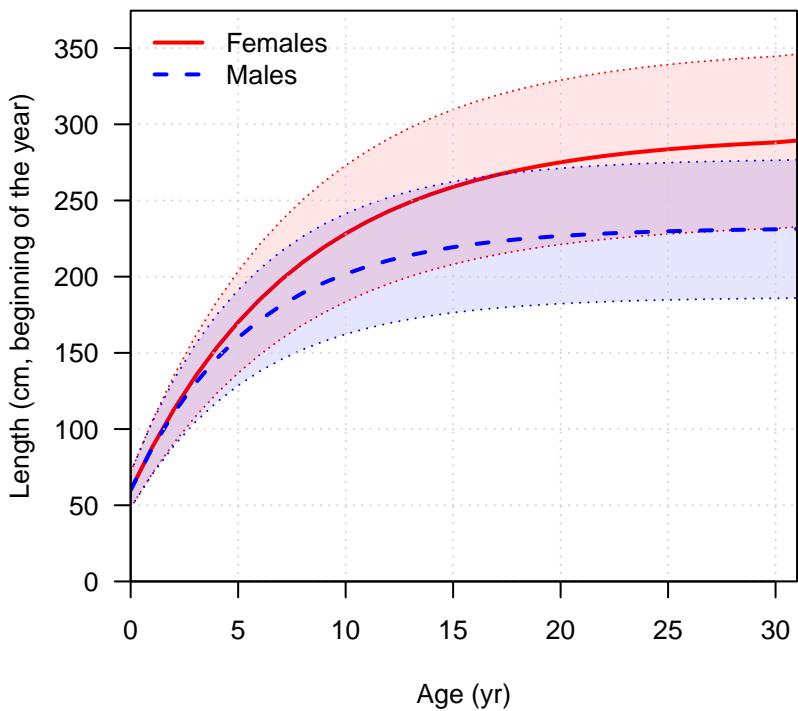
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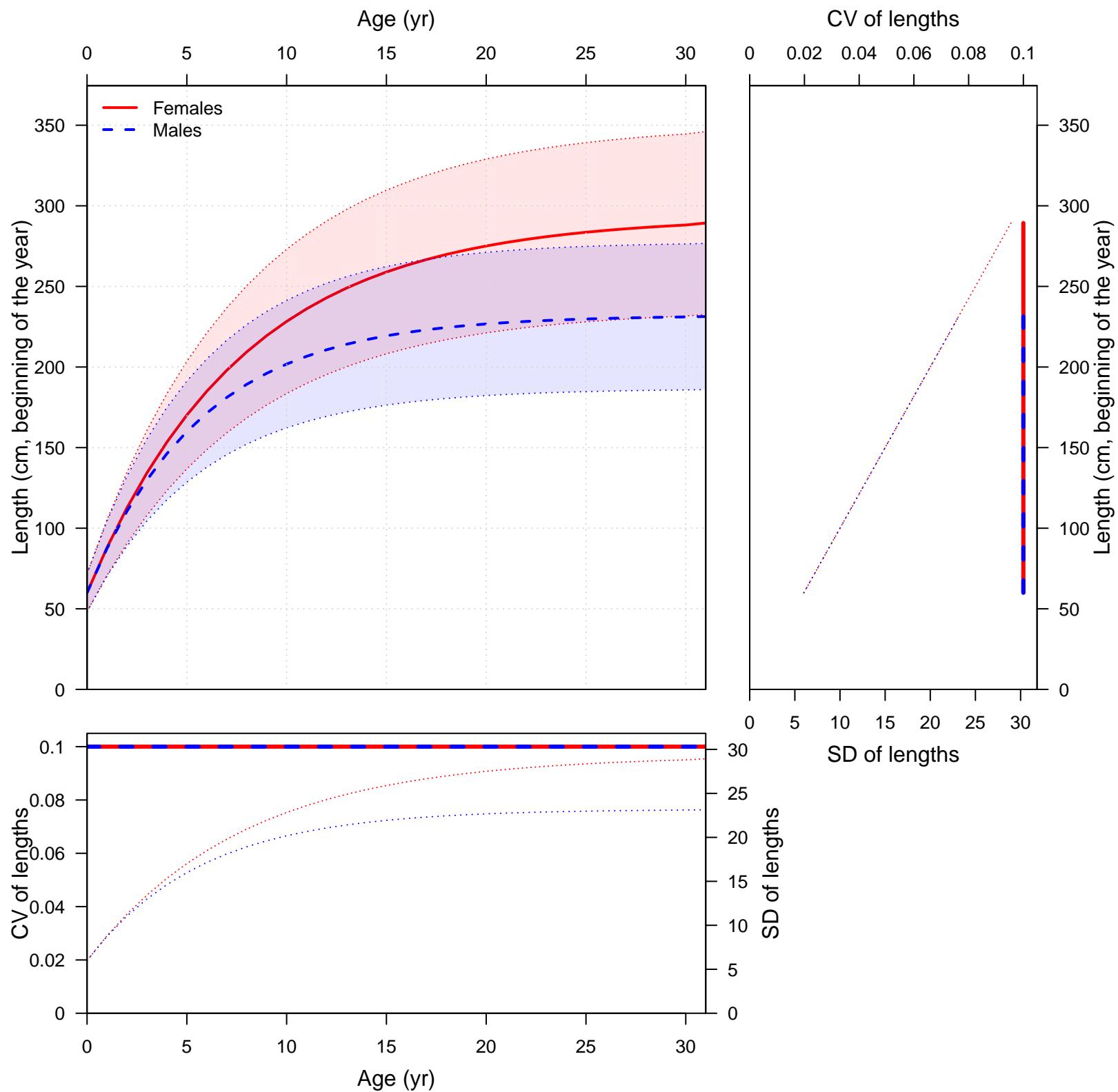
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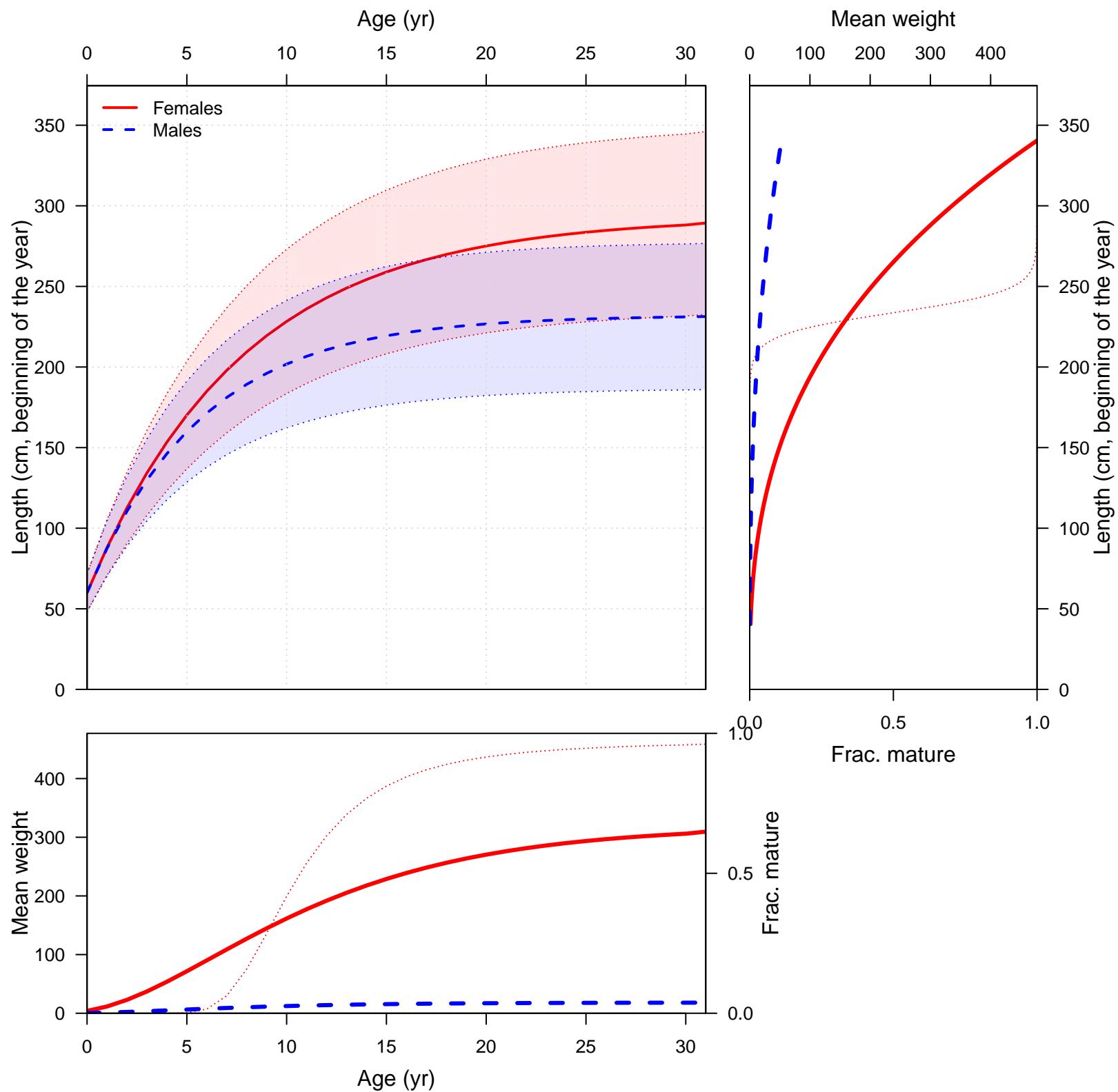
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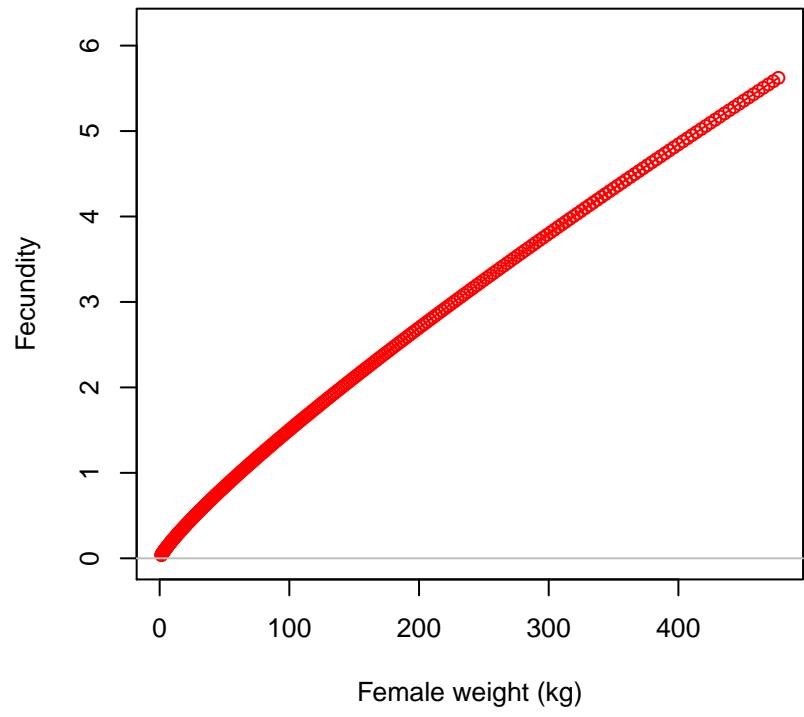
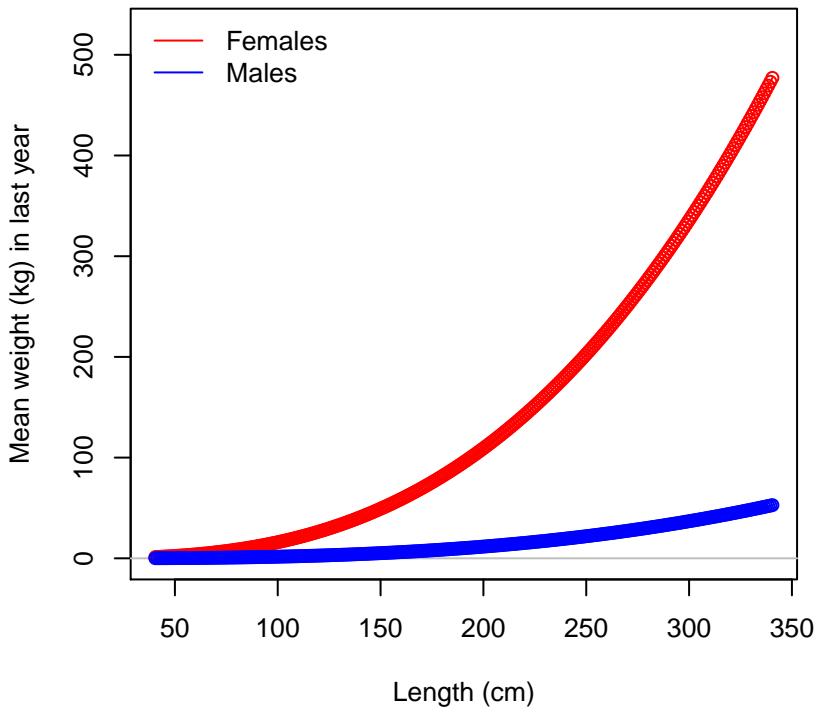
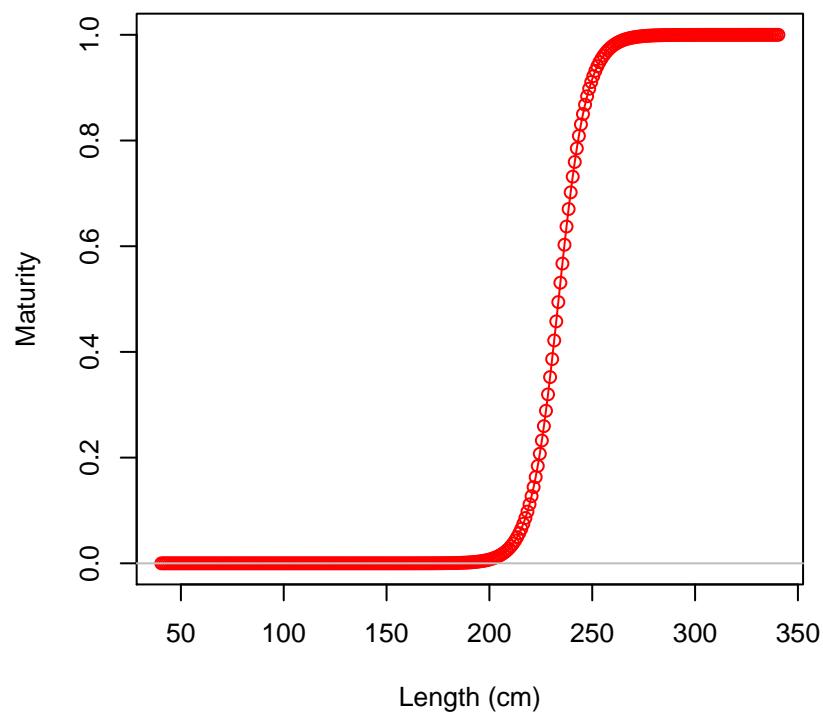
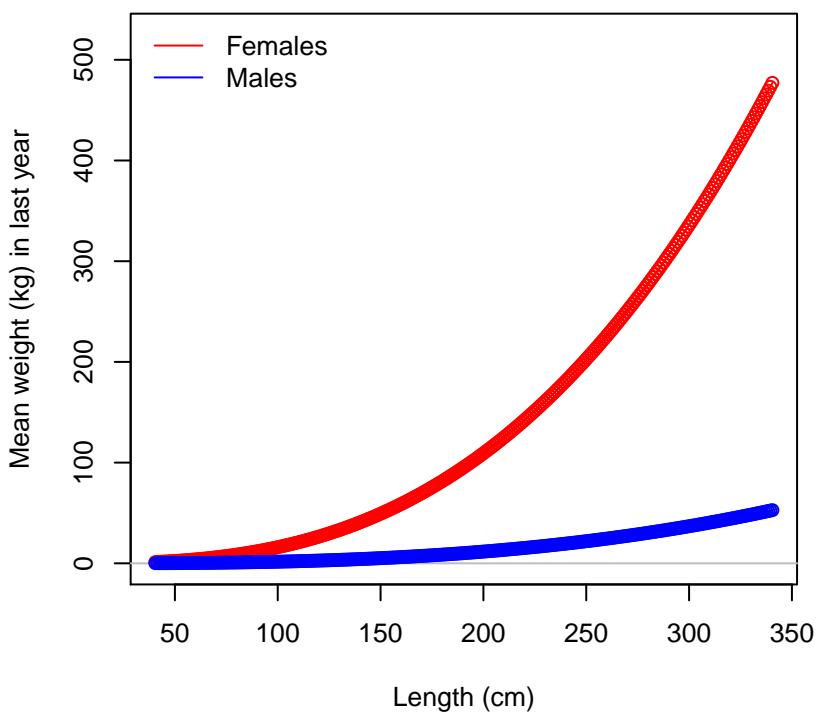
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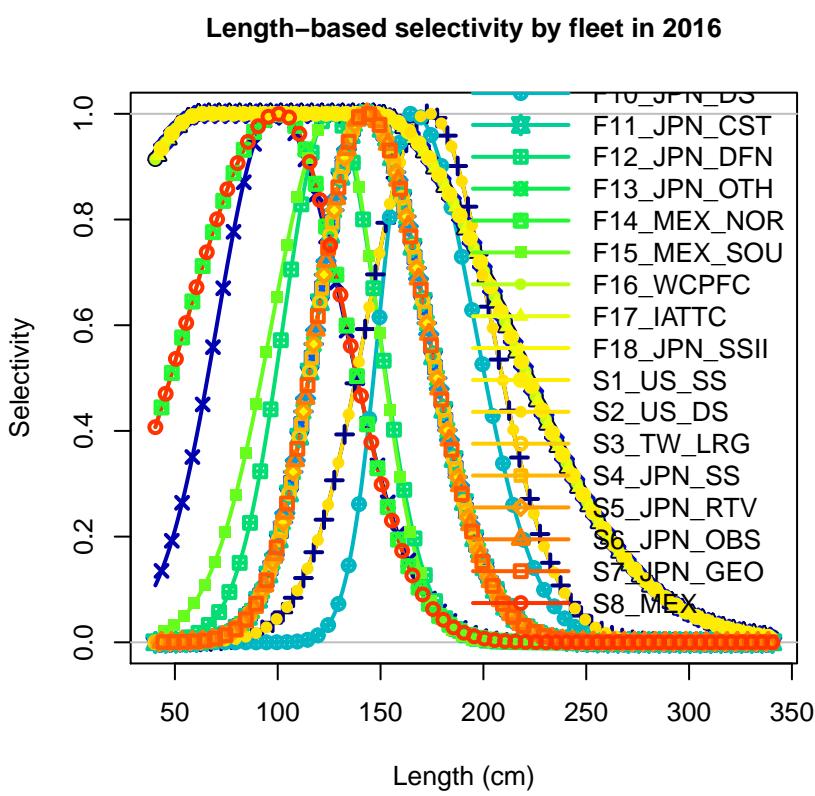
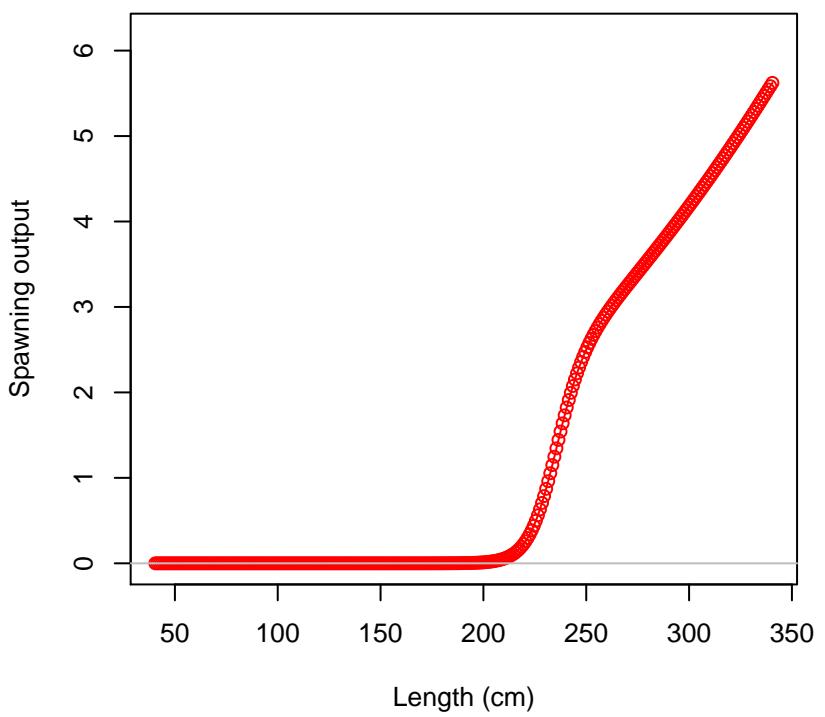
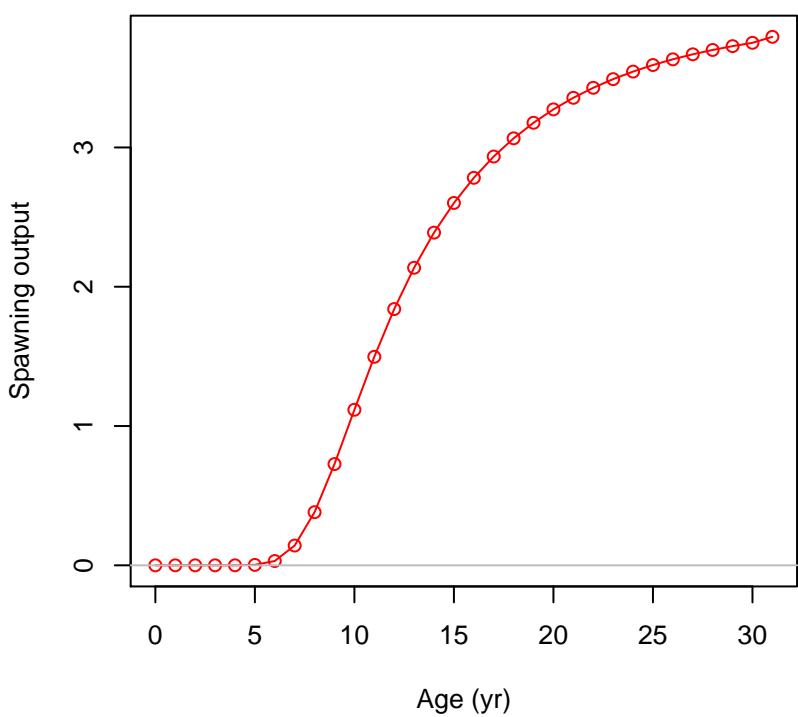
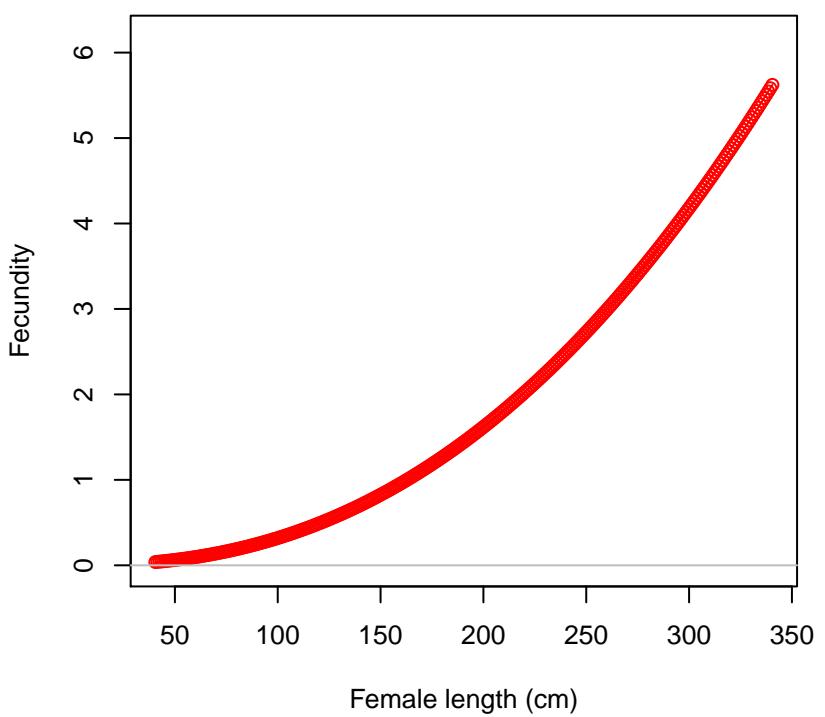
### Ending year expected growth (with 95% intervals)



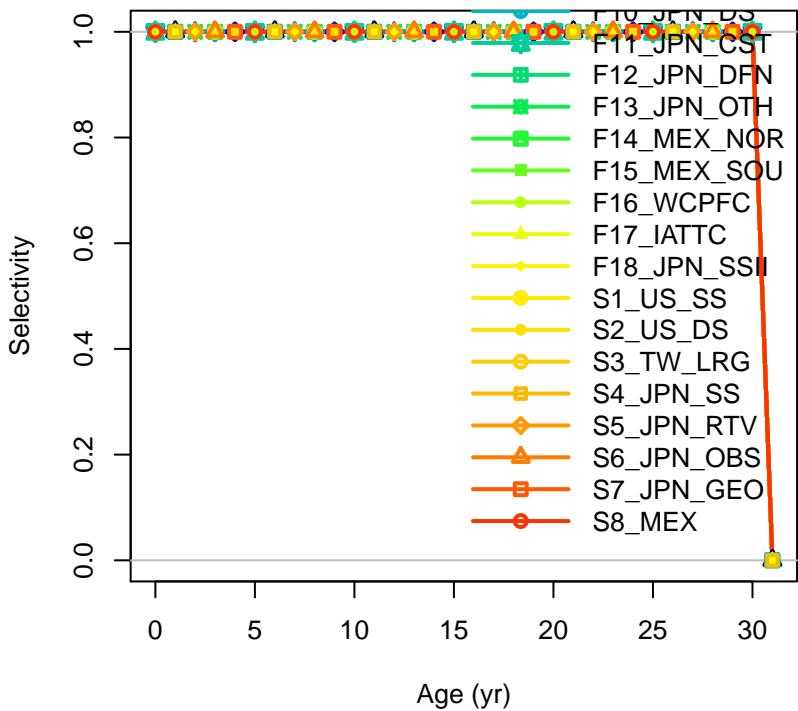




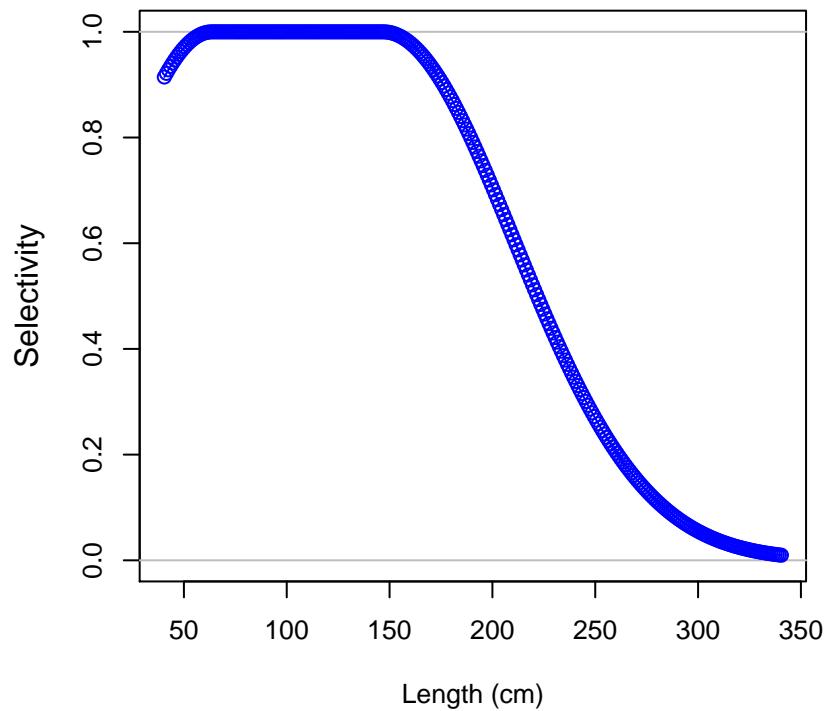




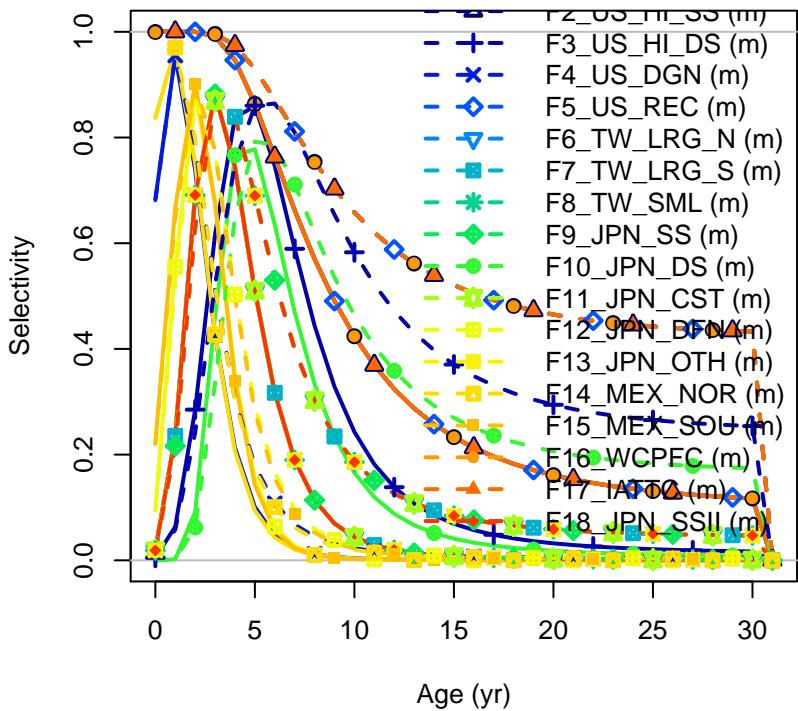
**Age-based selectivity by fleet in 2016**



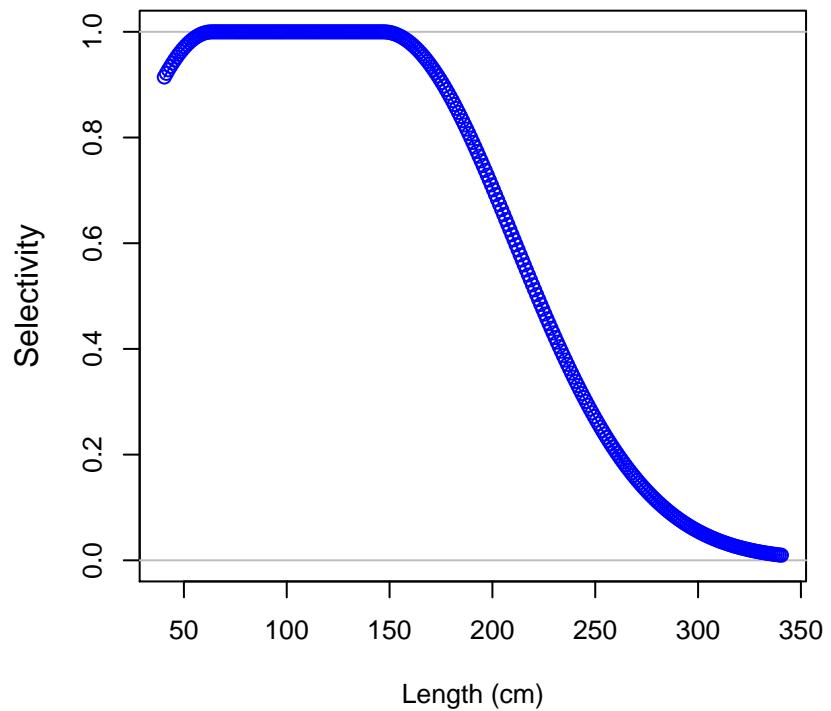
**Female ending year selectivity for F1\_US\_CA**



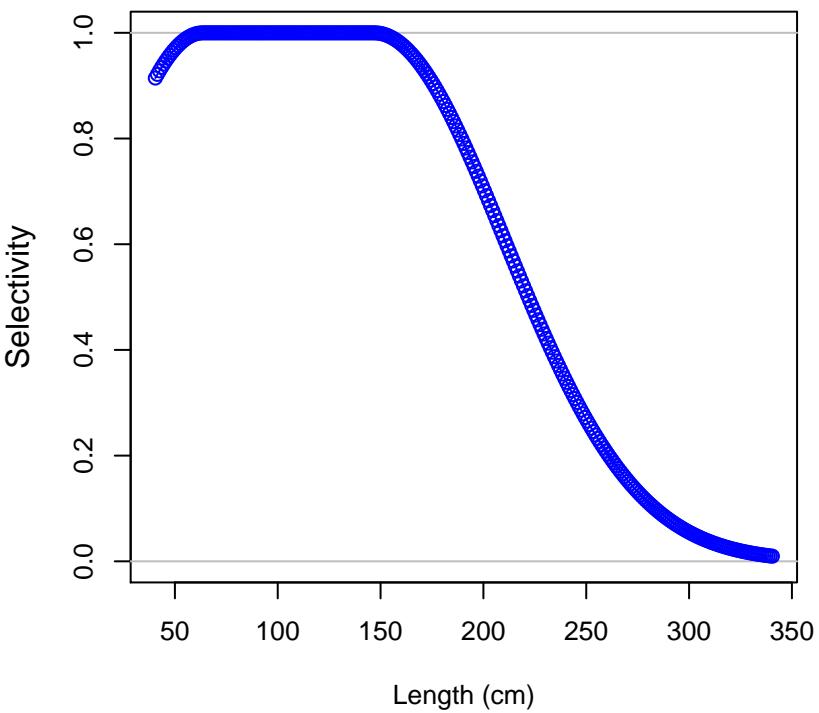
**Derived age-based from length-based selectivity by fleet in 2016**



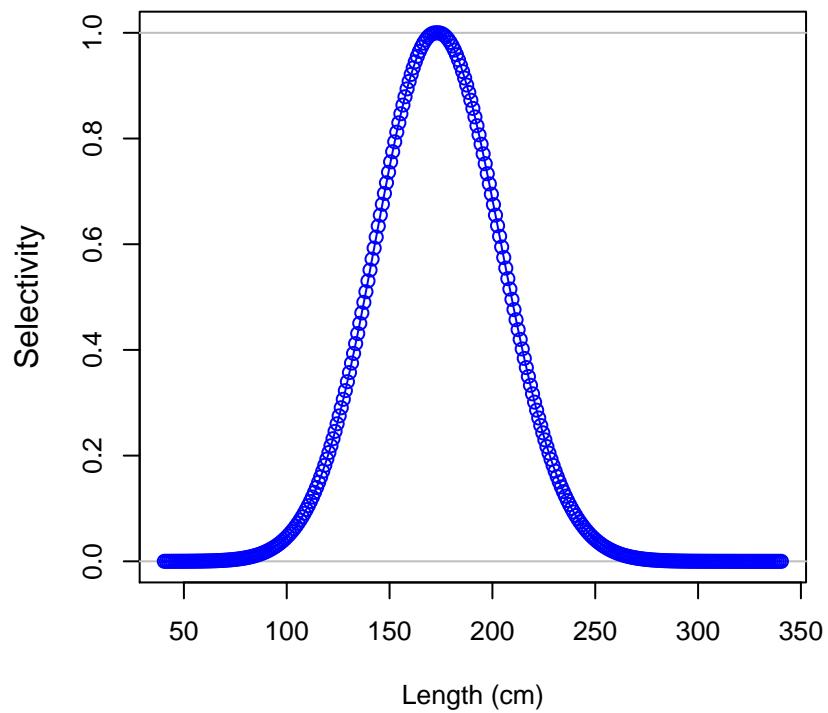
**Male ending year selectivity for F1\_US\_CA**



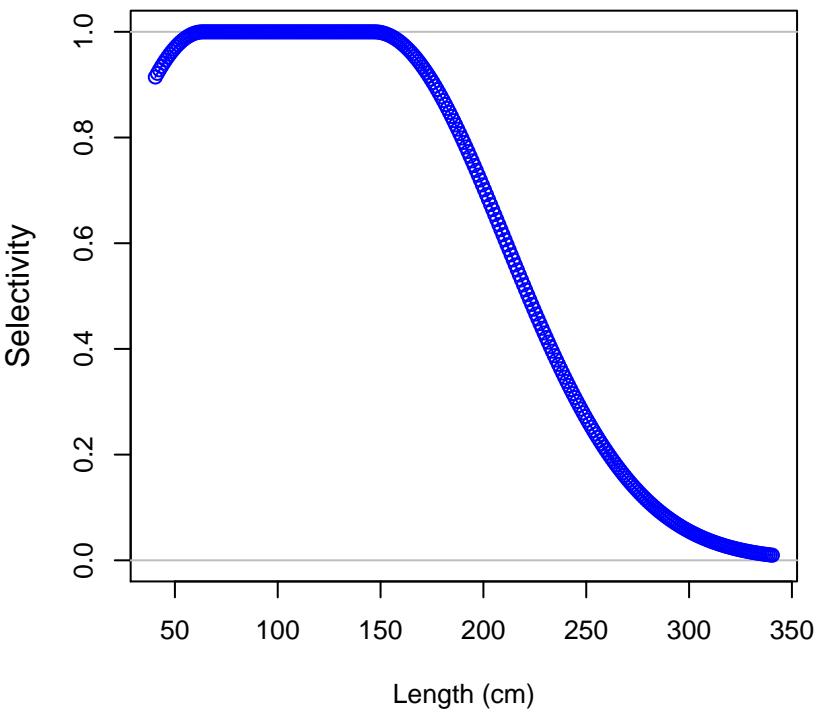
**Female ending year selectivity for F2\_US\_HI\_SS**



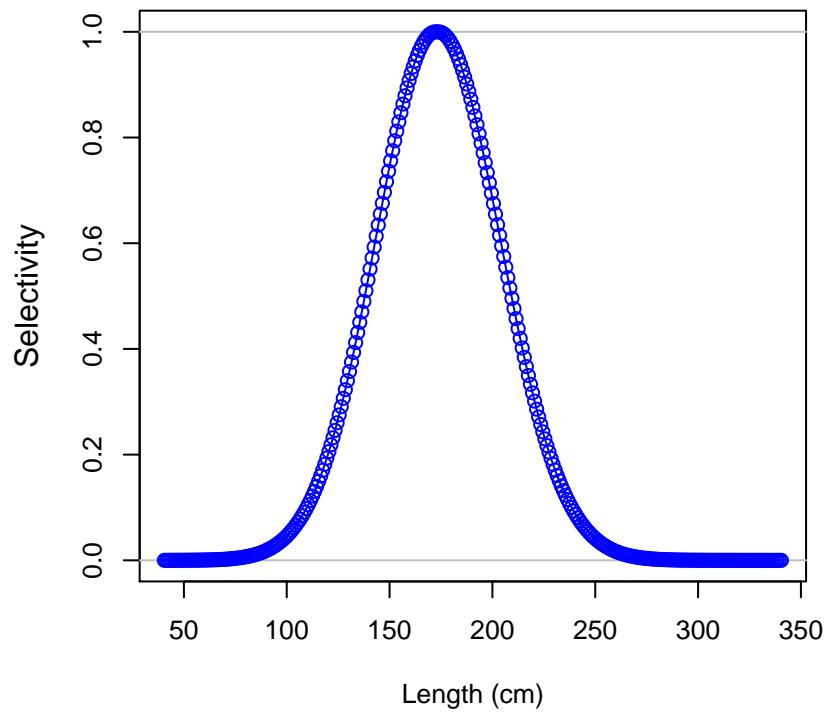
**Female ending year selectivity for F3\_US\_HI\_DS**



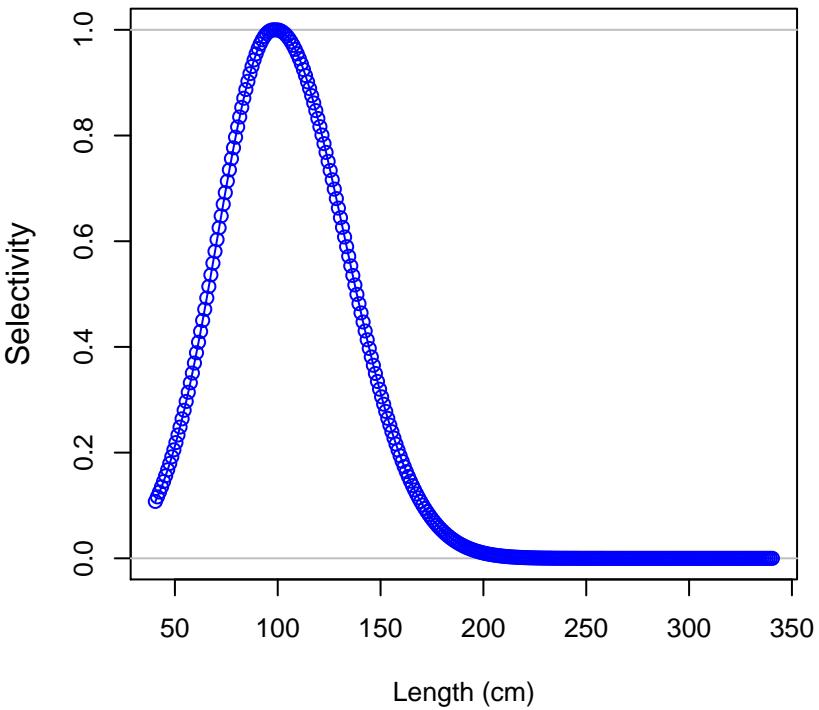
**Male ending year selectivity for F2\_US\_HI\_SS**



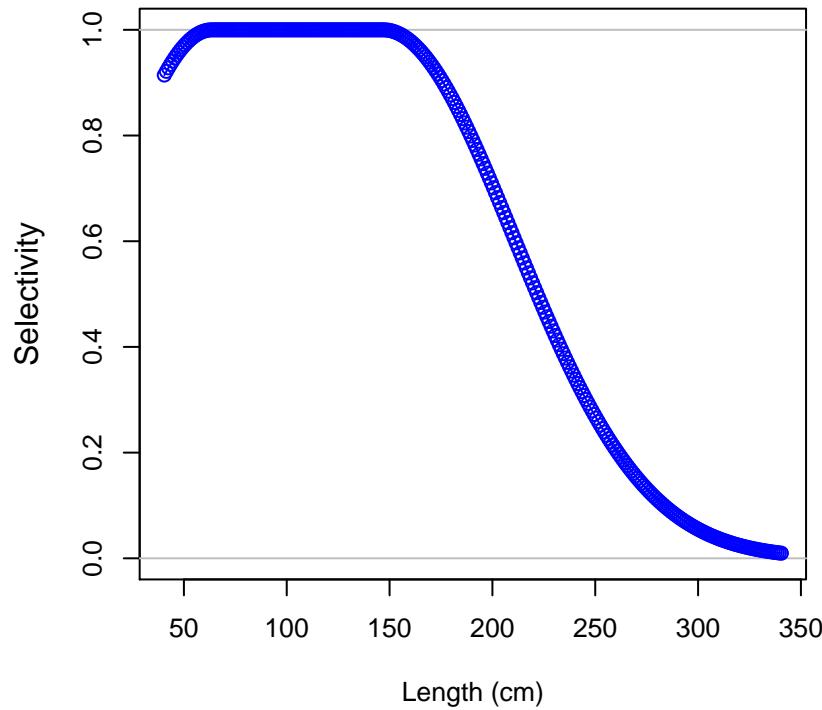
**Male ending year selectivity for F3\_US\_HI\_DS**



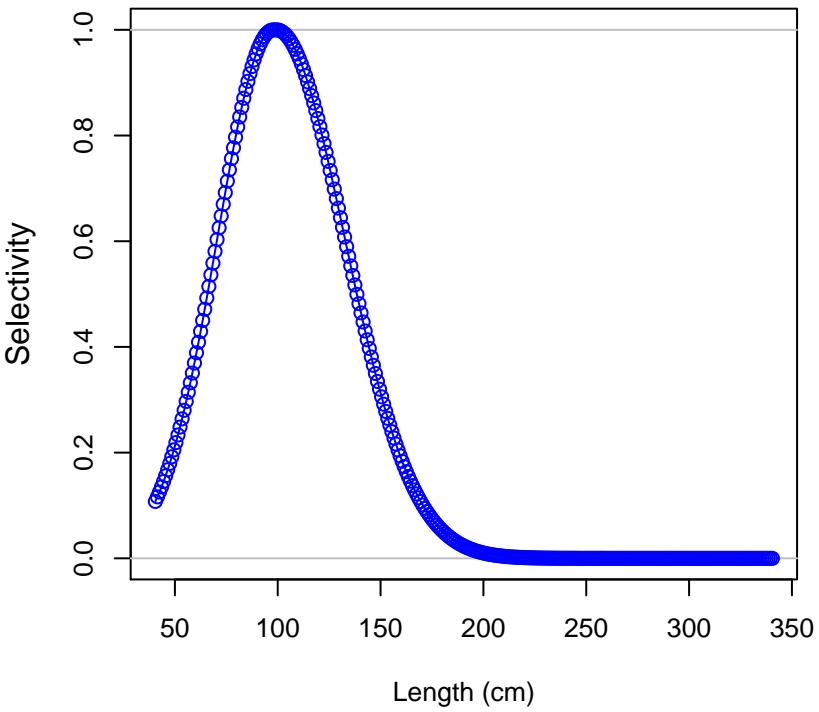
**Female ending year selectivity for F4\_US\_DGN**



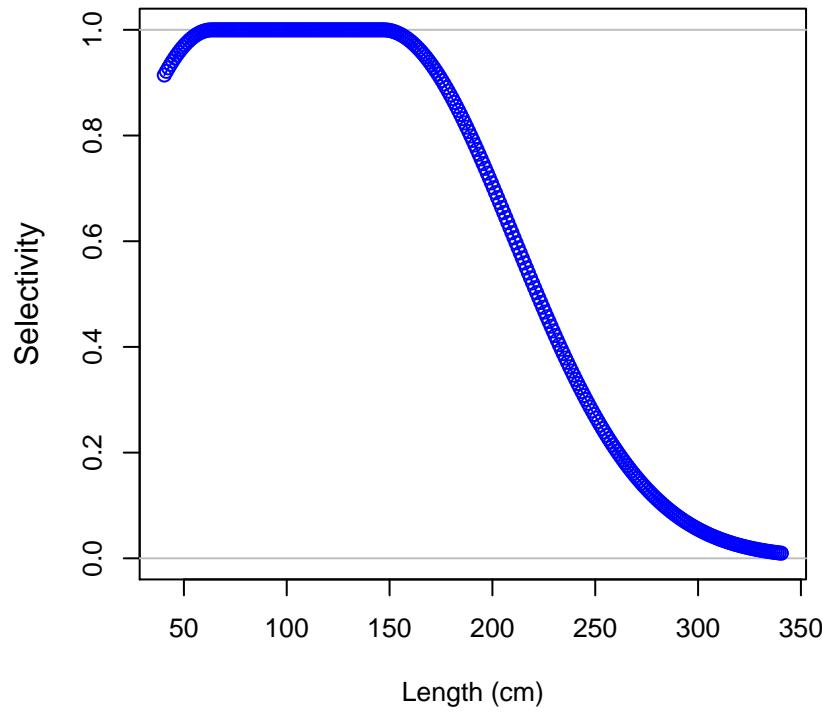
**Female ending year selectivity for F5\_US\_REC**



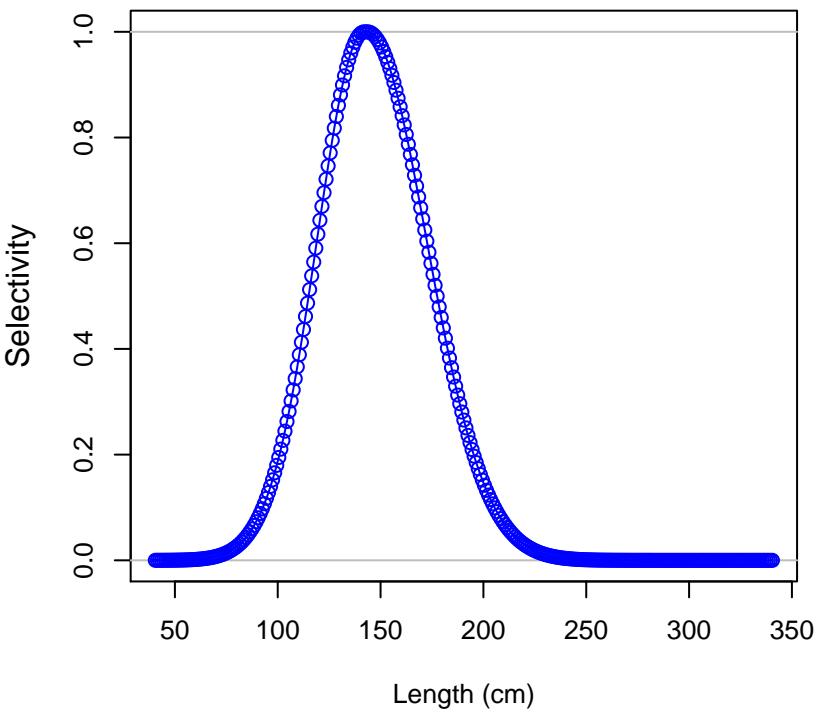
**Male ending year selectivity for F4\_US\_DGN**



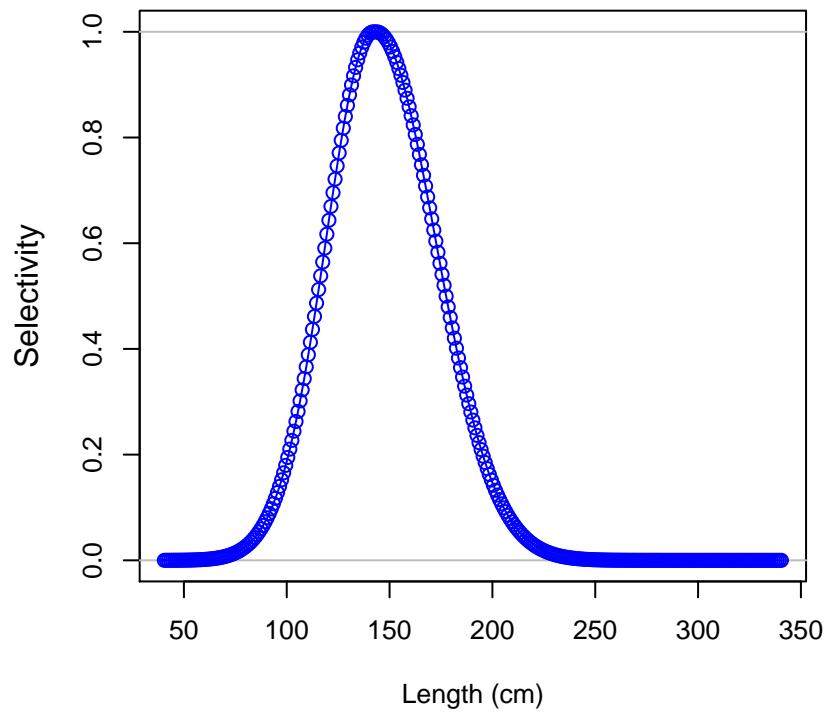
**Male ending year selectivity for F5\_US\_REC**



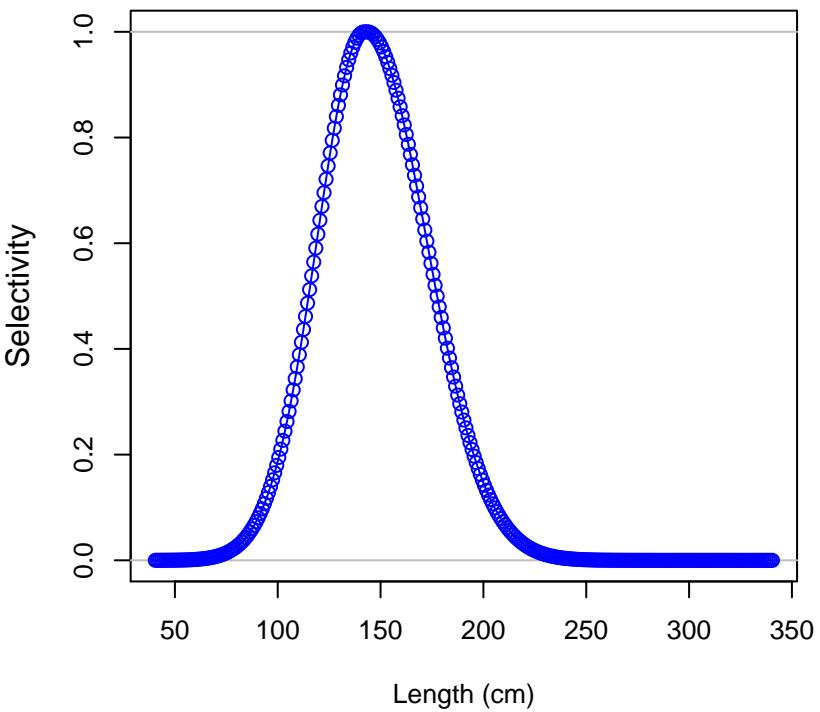
**Female ending year selectivity for F6\_TW\_LRG\_N**



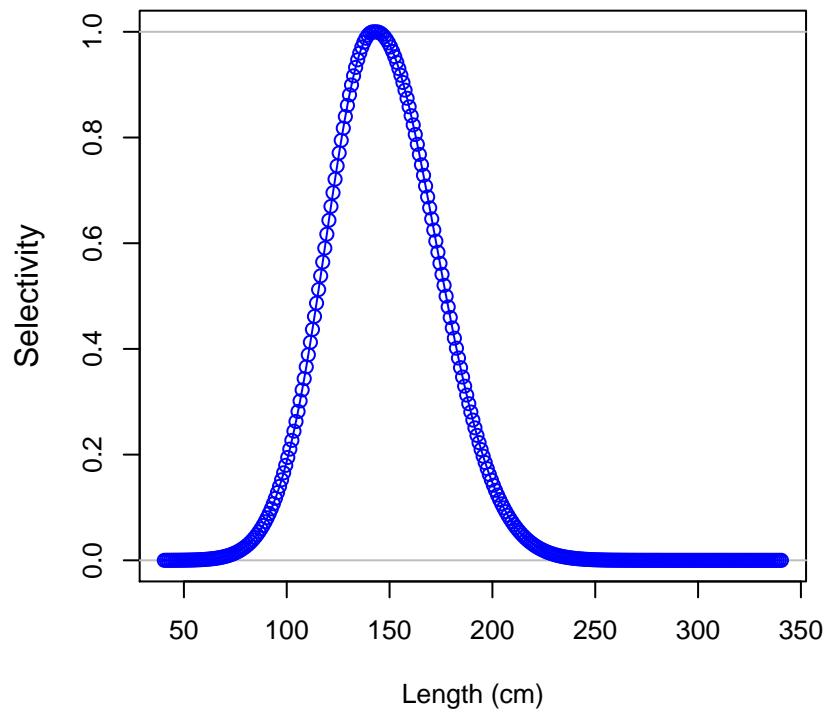
**Female ending year selectivity for F7\_TW\_LRG\_S**



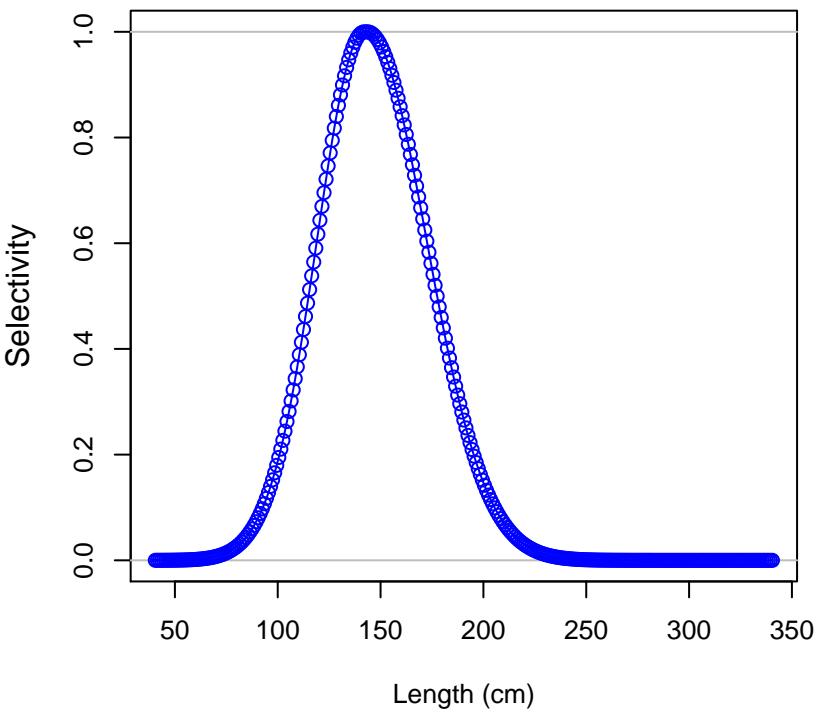
**Male ending year selectivity for F6\_TW\_LRG\_N**



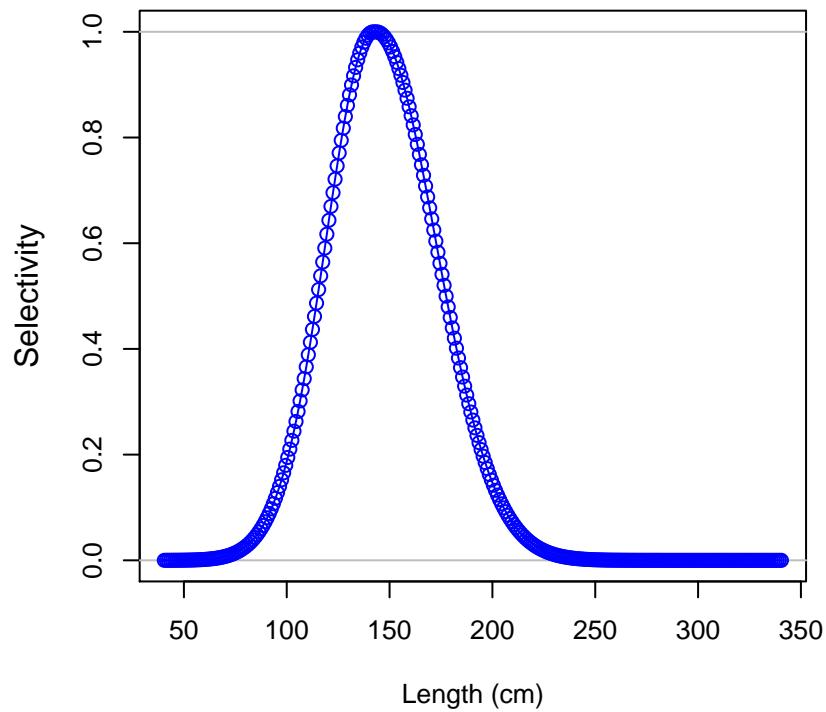
**Male ending year selectivity for F7\_TW\_LRG\_S**



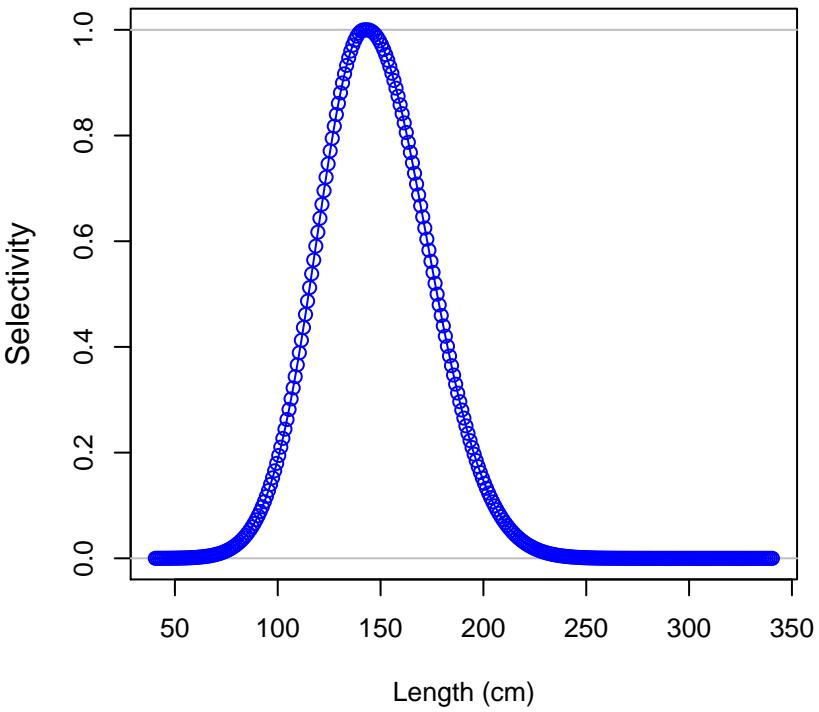
**Female ending year selectivity for F8\_TW\_SML**



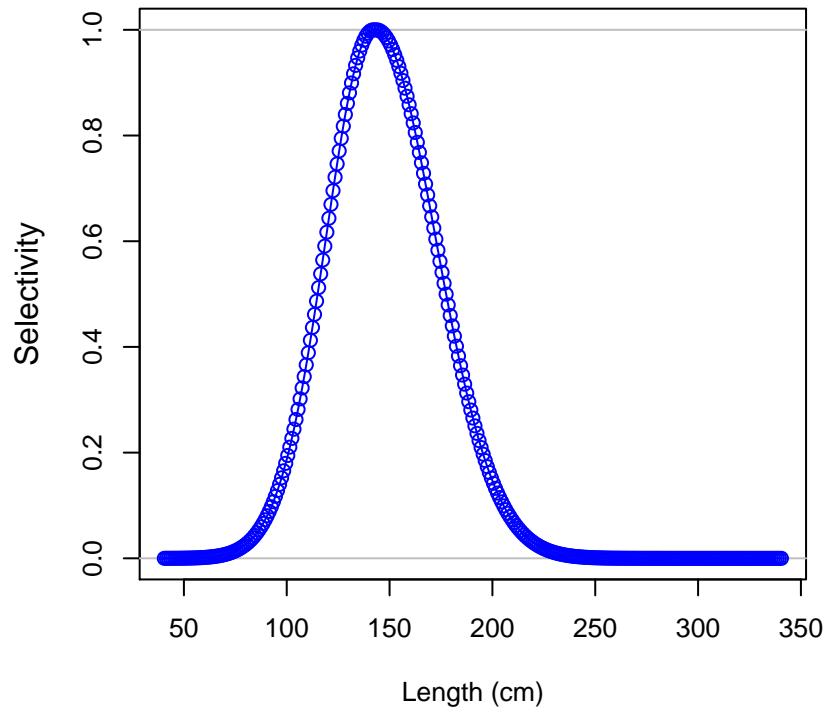
**Female ending year selectivity for F9\_JPN\_SS**



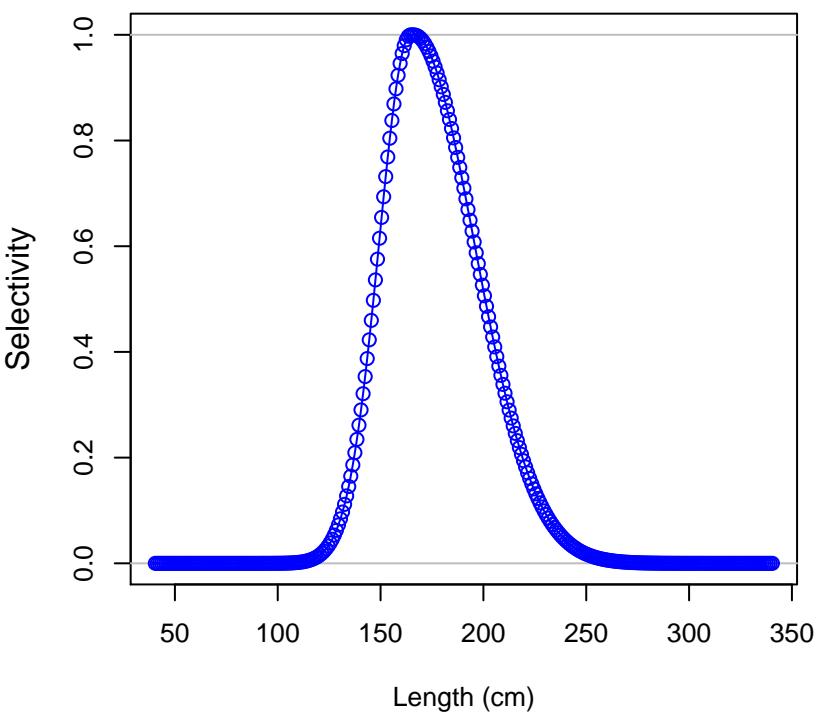
**Male ending year selectivity for F8\_TW\_SML**



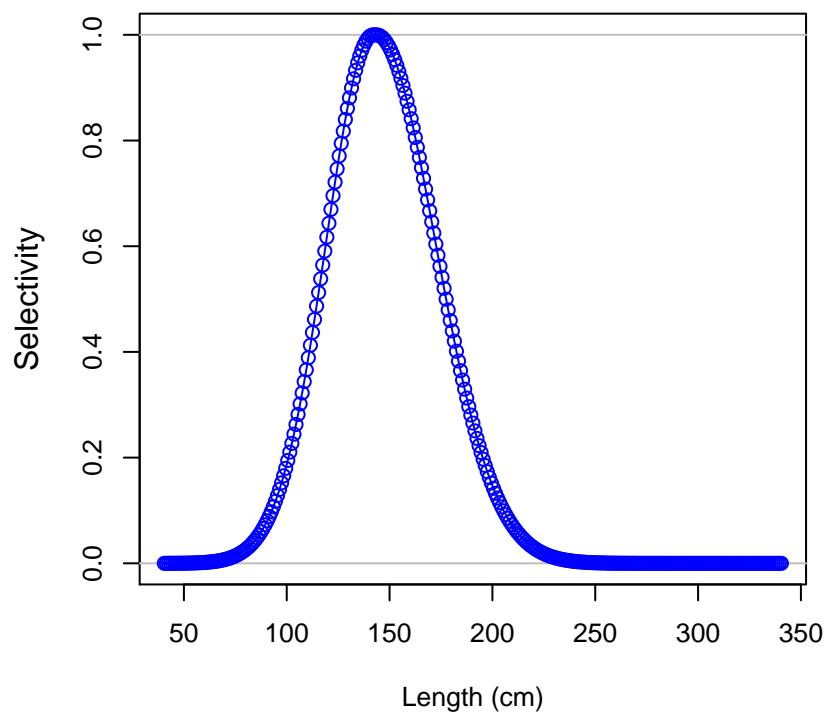
**Male ending year selectivity for F9\_JPN\_SS**



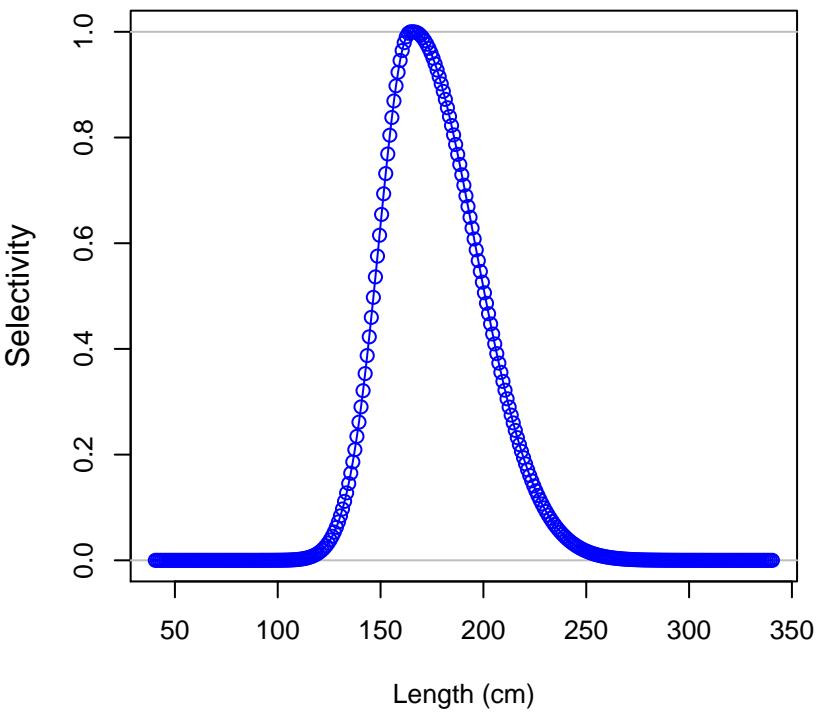
**Female ending year selectivity for F10\_JPN\_DS**



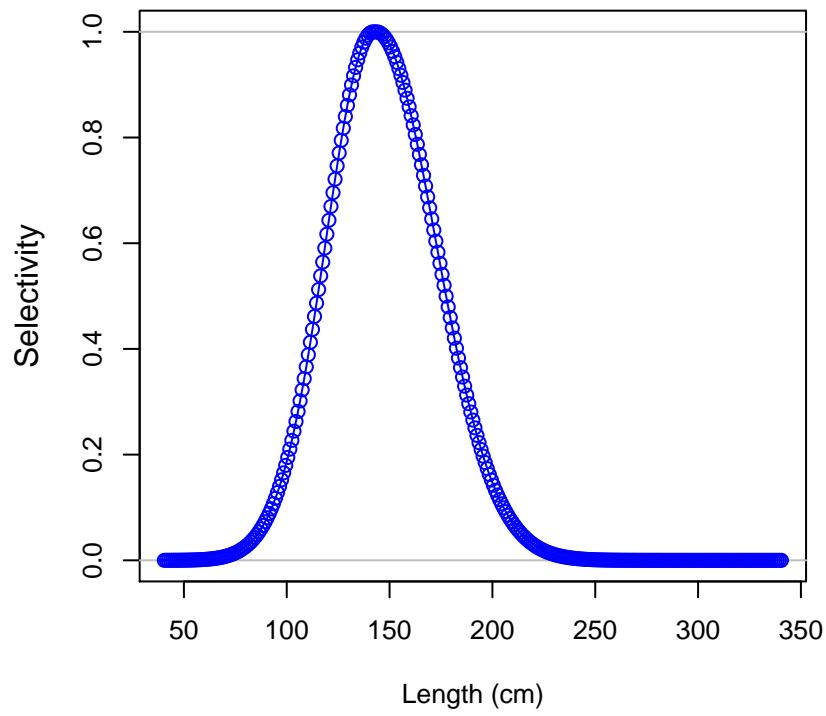
**Female ending year selectivity for F11\_JPN\_CST**



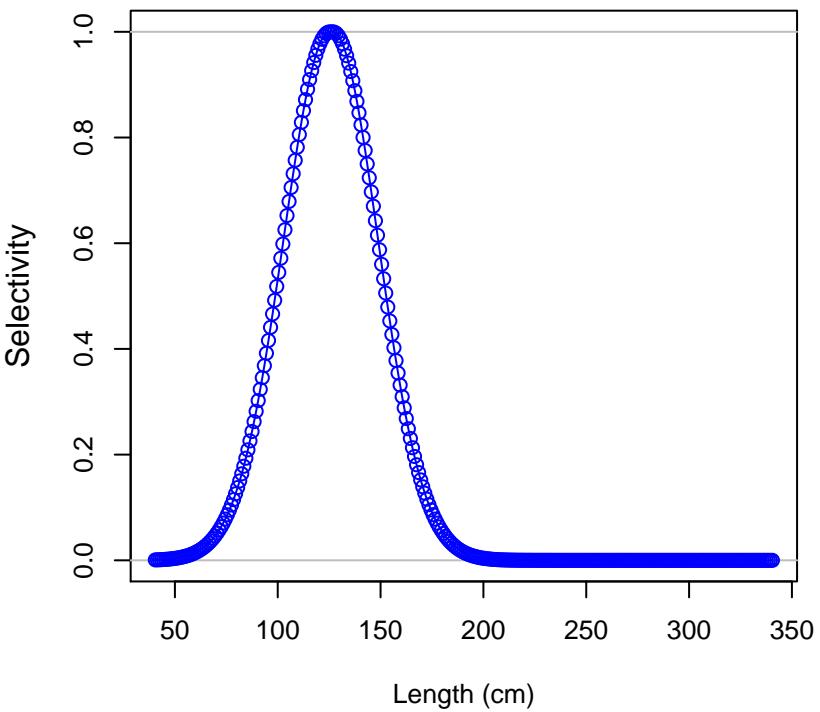
**Male ending year selectivity for F10\_JPN\_DS**



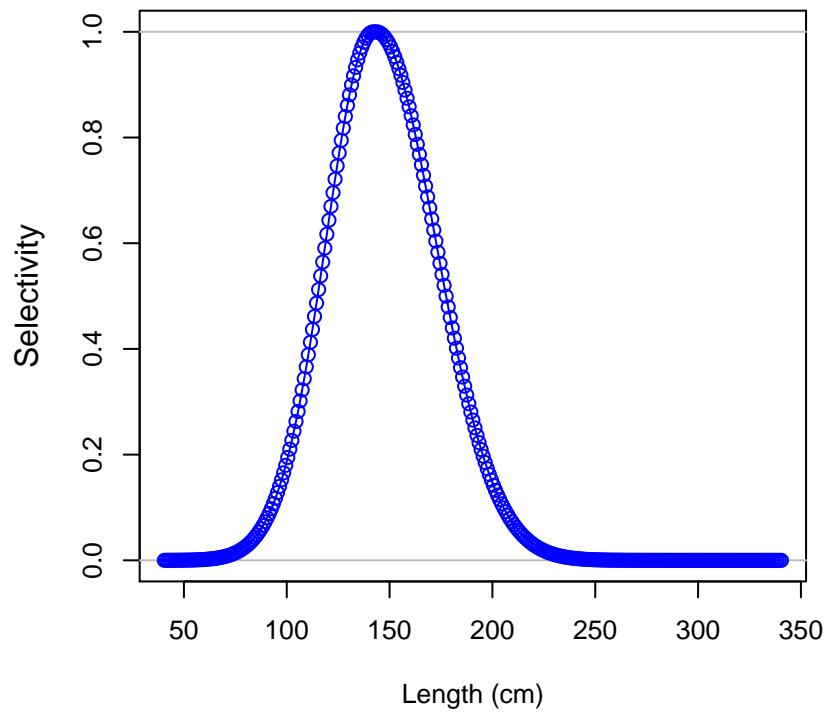
**Male ending year selectivity for F11\_JPN\_CST**



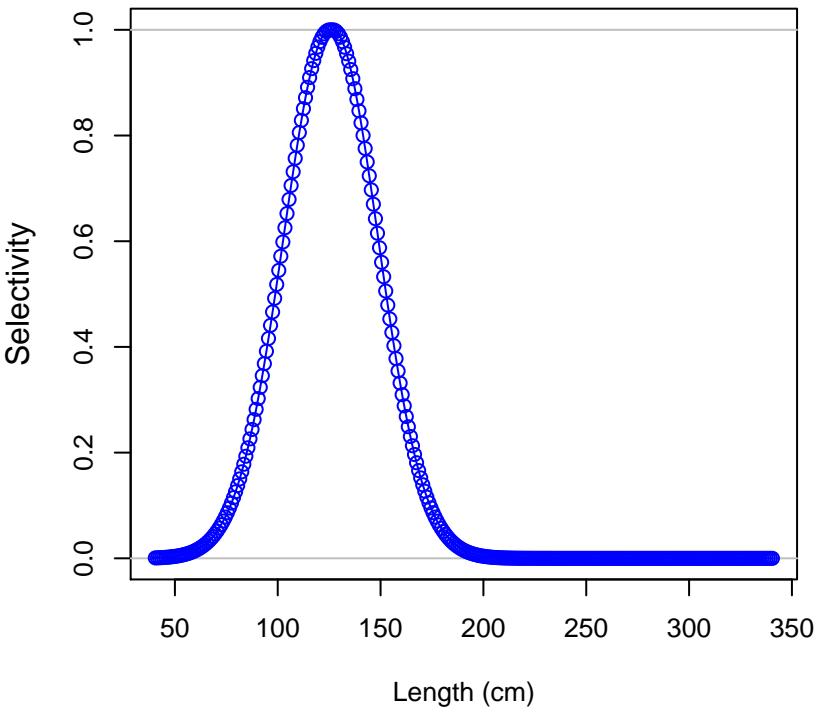
**Female ending year selectivity for F12\_JPN\_DFN**



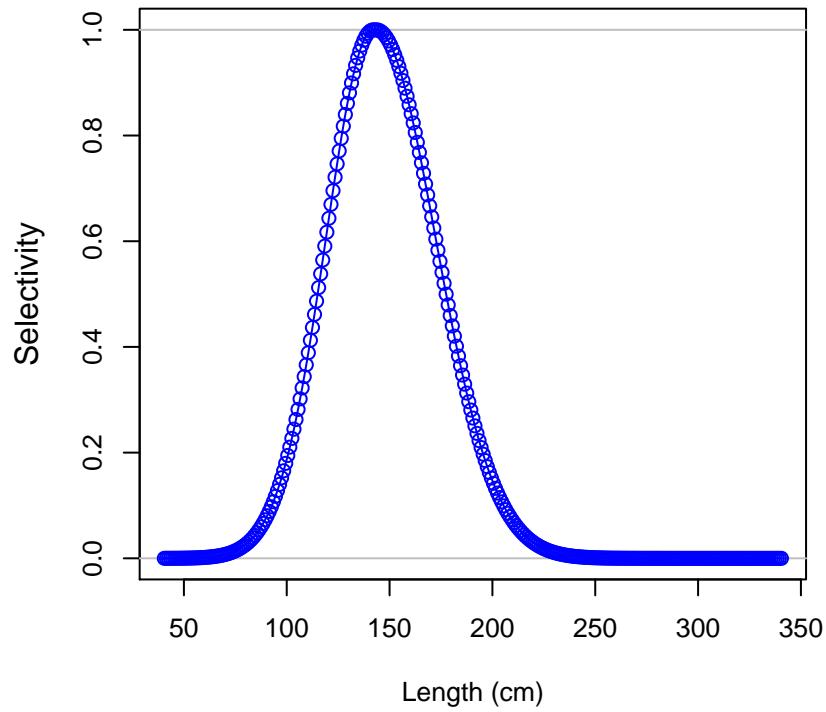
**Female ending year selectivity for F13\_JPN\_OTH**



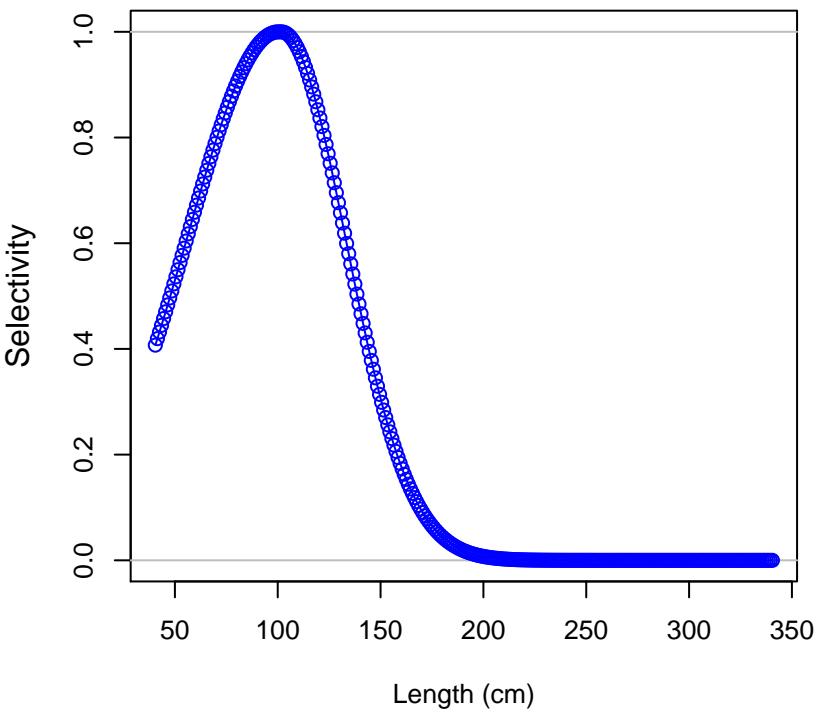
**Male ending year selectivity for F12\_JPN\_DFN**



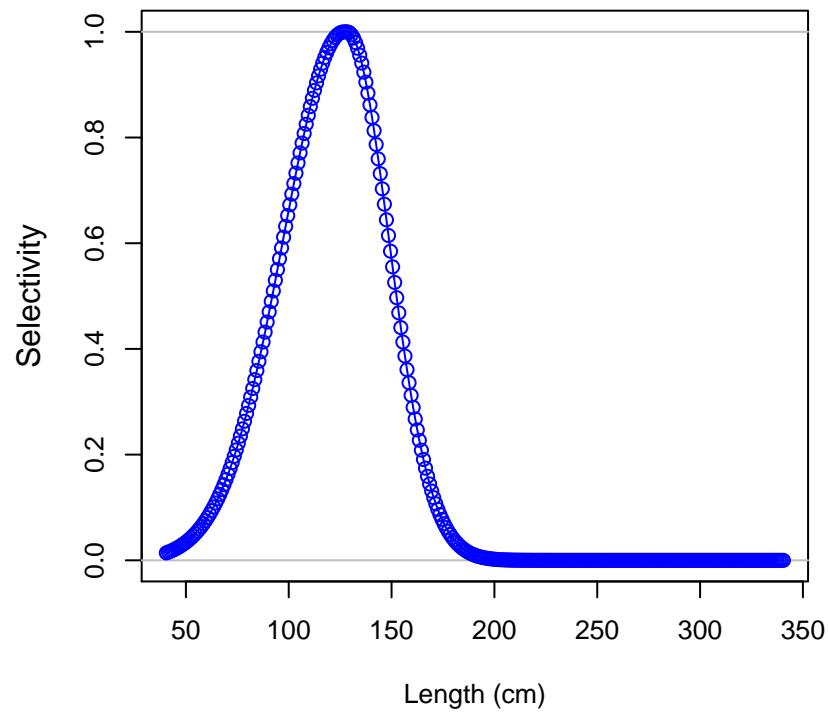
**Male ending year selectivity for F13\_JPN\_OTH**



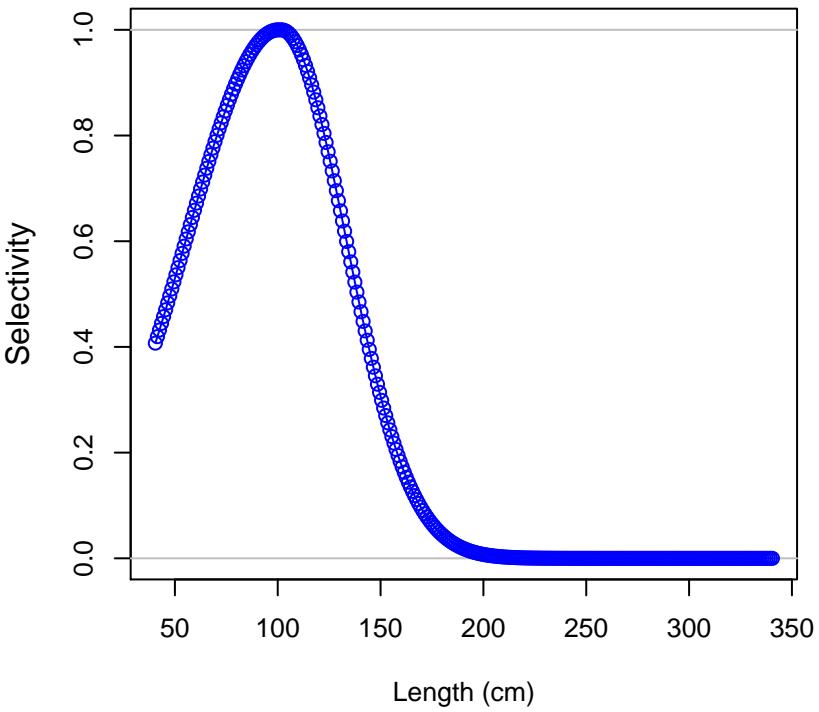
**Female ending year selectivity for F14\_MEX\_NOR**



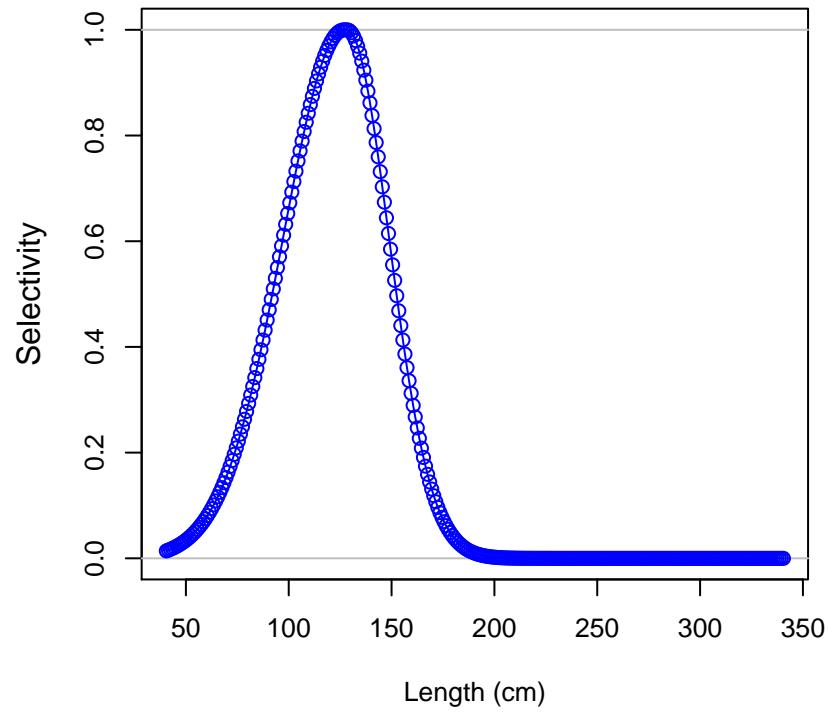
**Female ending year selectivity for F15\_MEX\_SOUL**



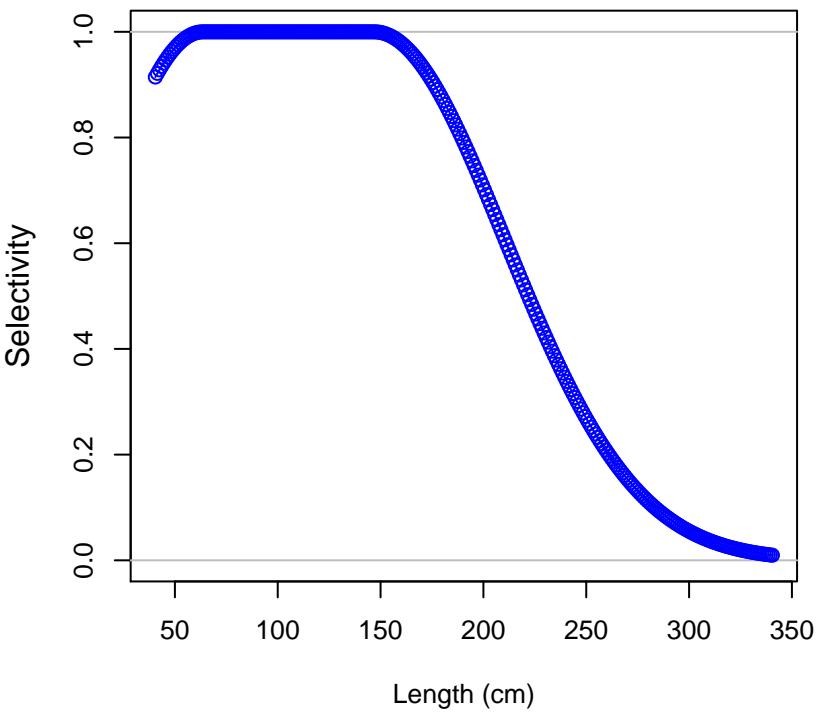
**Male ending year selectivity for F14\_MEX\_NOR**



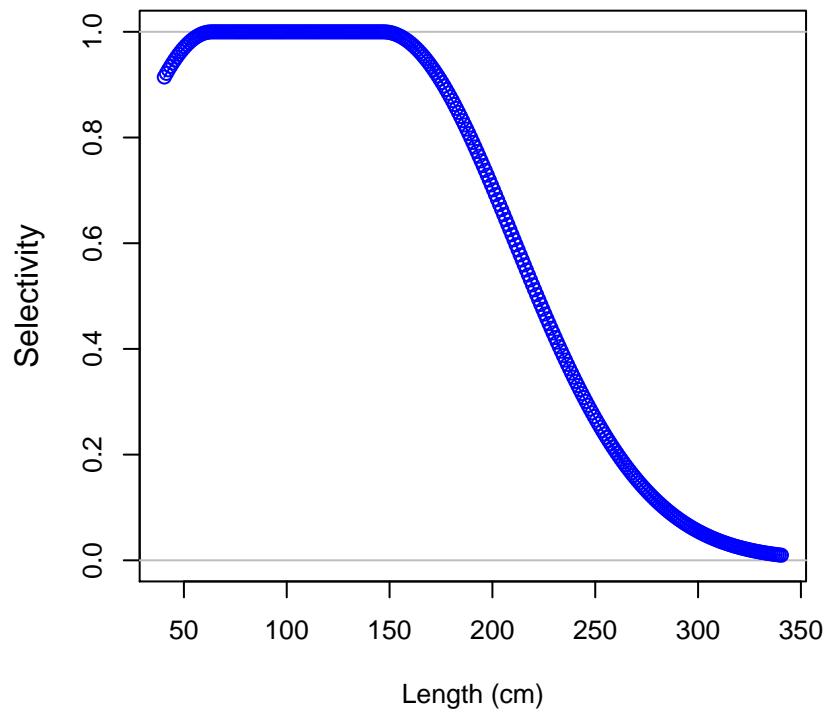
**Male ending year selectivity for F15\_MEX\_SOUL**



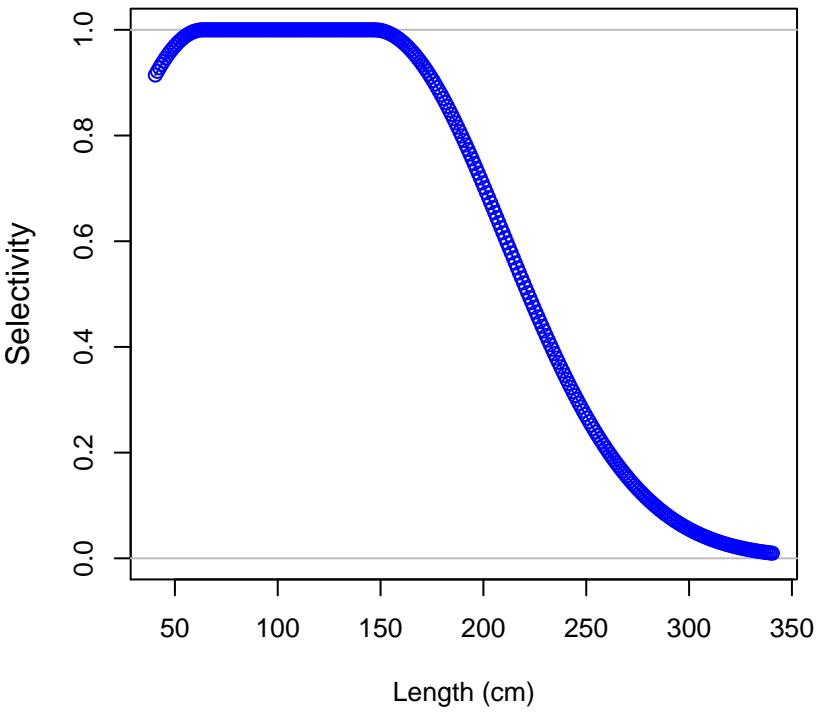
**Female ending year selectivity for F16\_WCPFC**



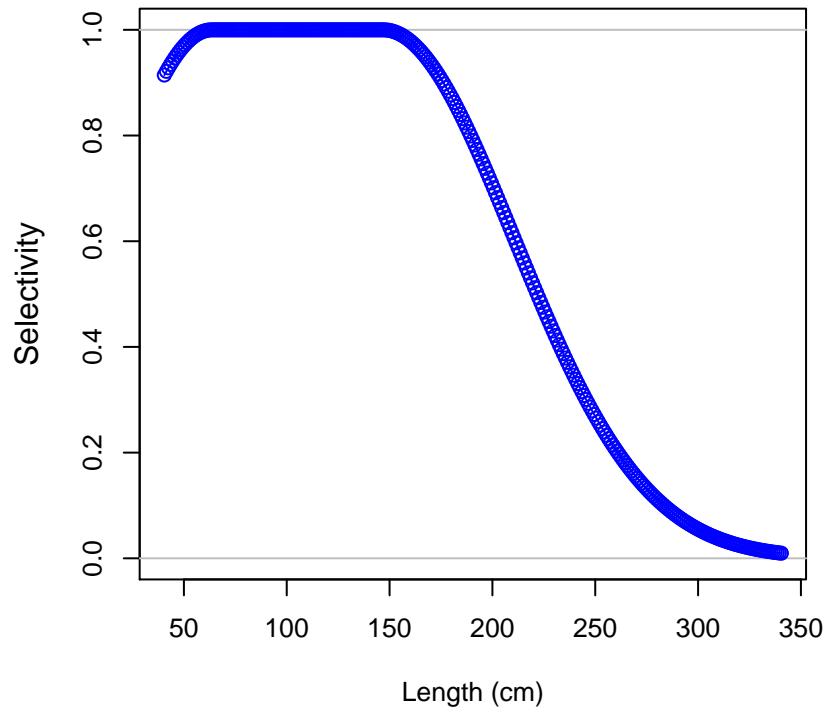
**Female ending year selectivity for F17\_IATTC**



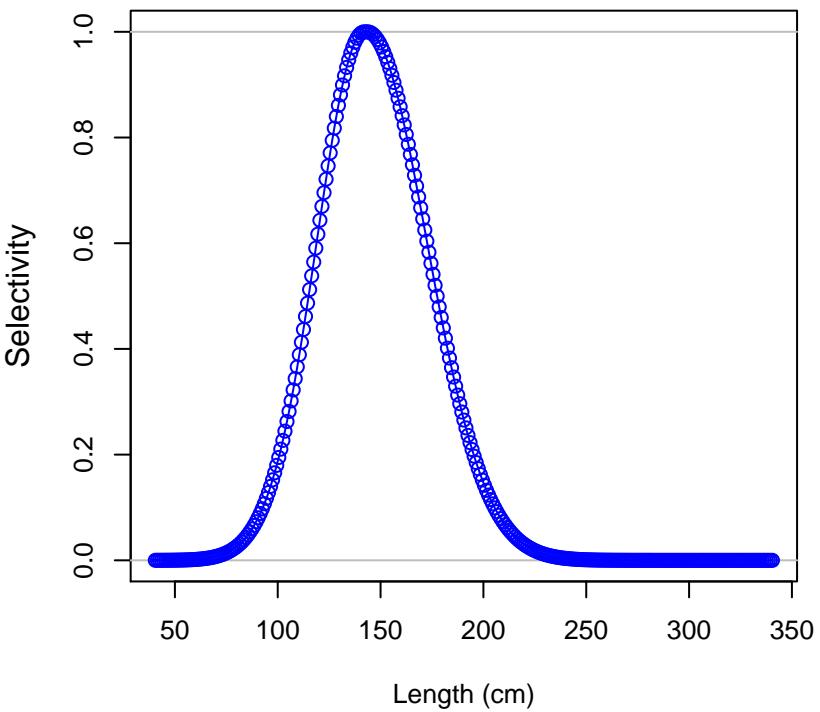
**Male ending year selectivity for F16\_WCPFC**



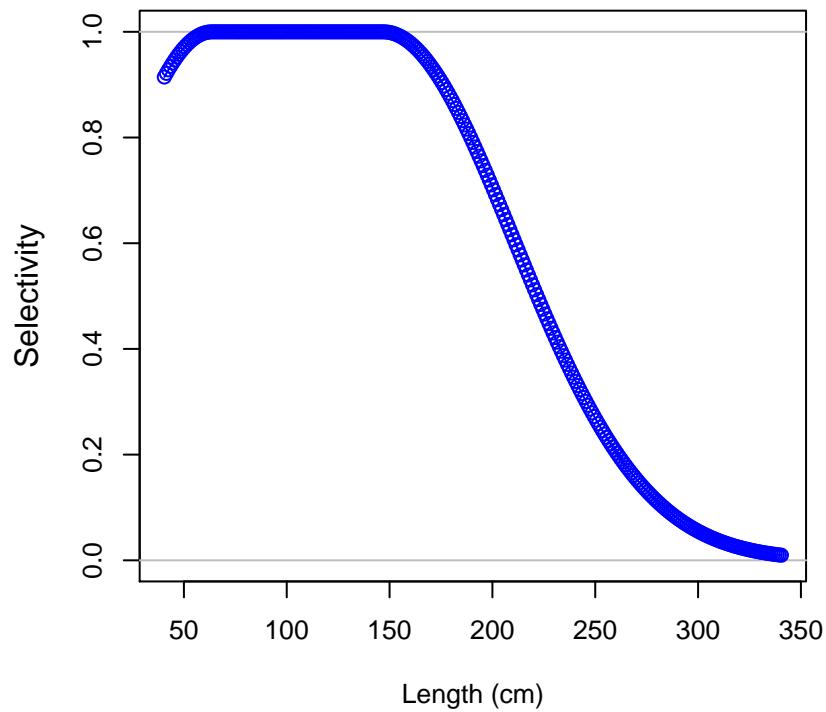
**Male ending year selectivity for F17\_IATTC**



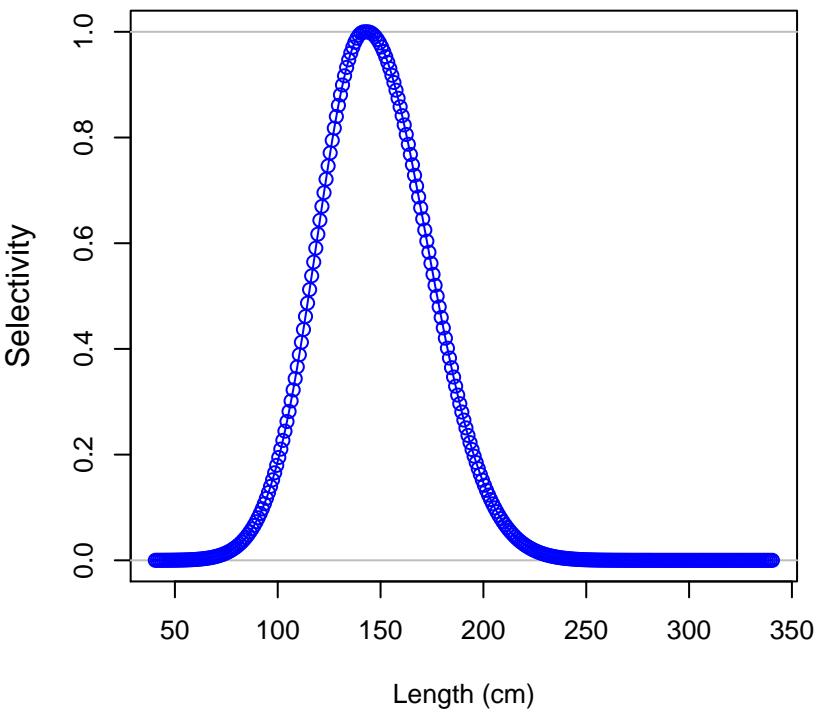
**Female ending year selectivity for F18\_JPN\_SSII**



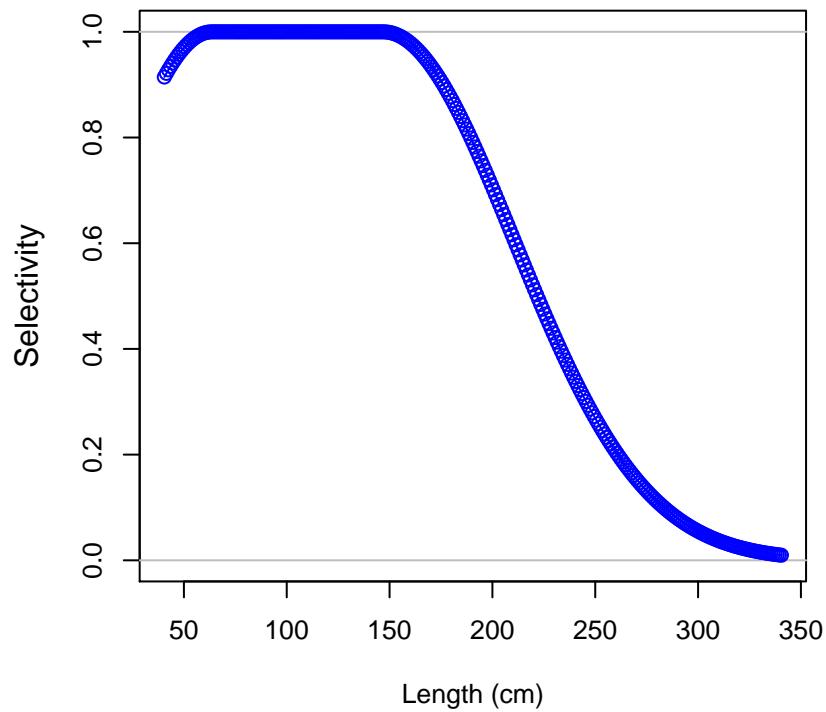
**Female ending year selectivity for S1\_US\_SS**



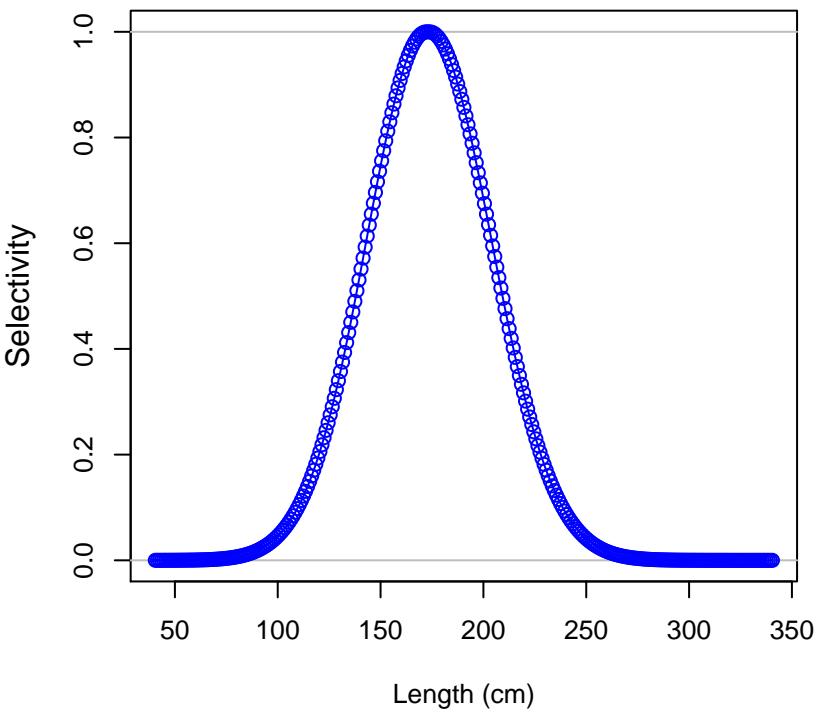
**Male ending year selectivity for F18\_JPN\_SSII**



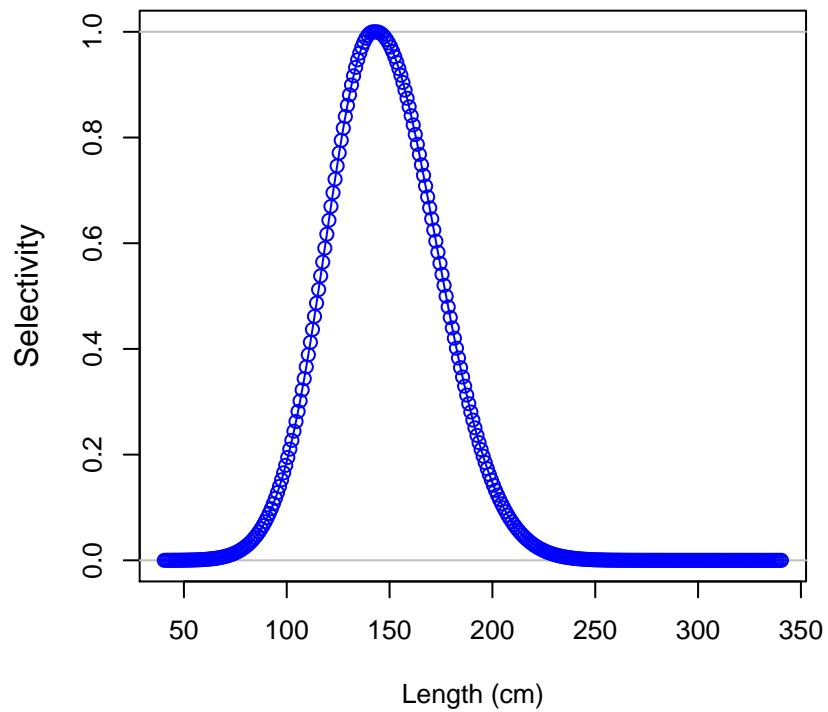
**Male ending year selectivity for S1\_US\_SS**



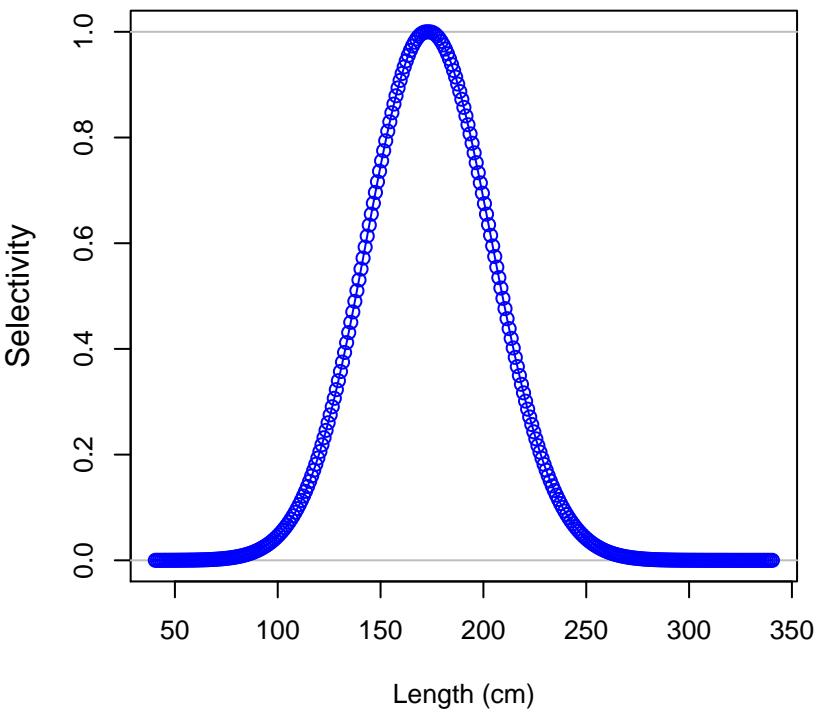
**Female ending year selectivity for S2\_US\_DS**



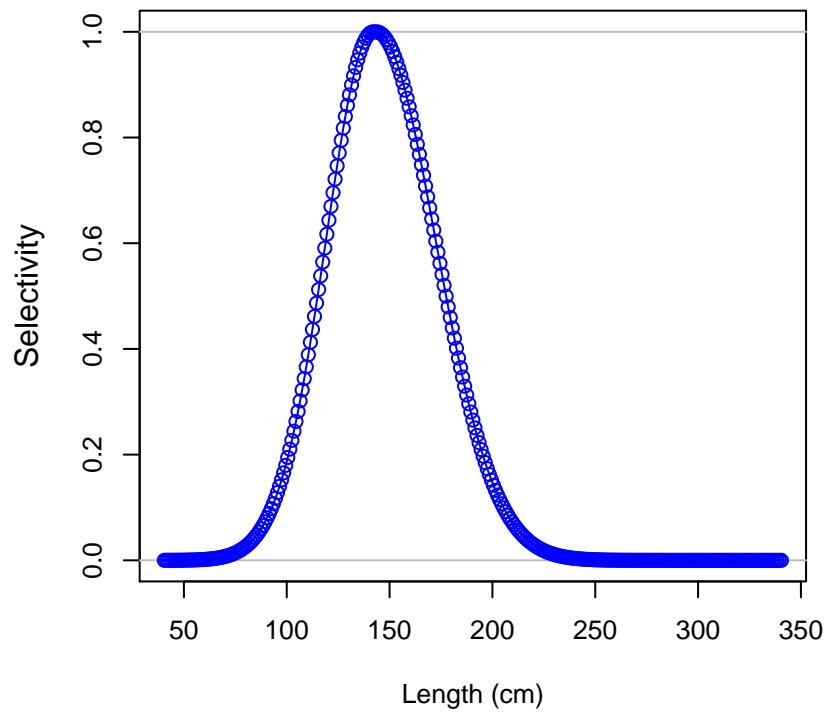
**Female ending year selectivity for S3\_TW\_LRG**



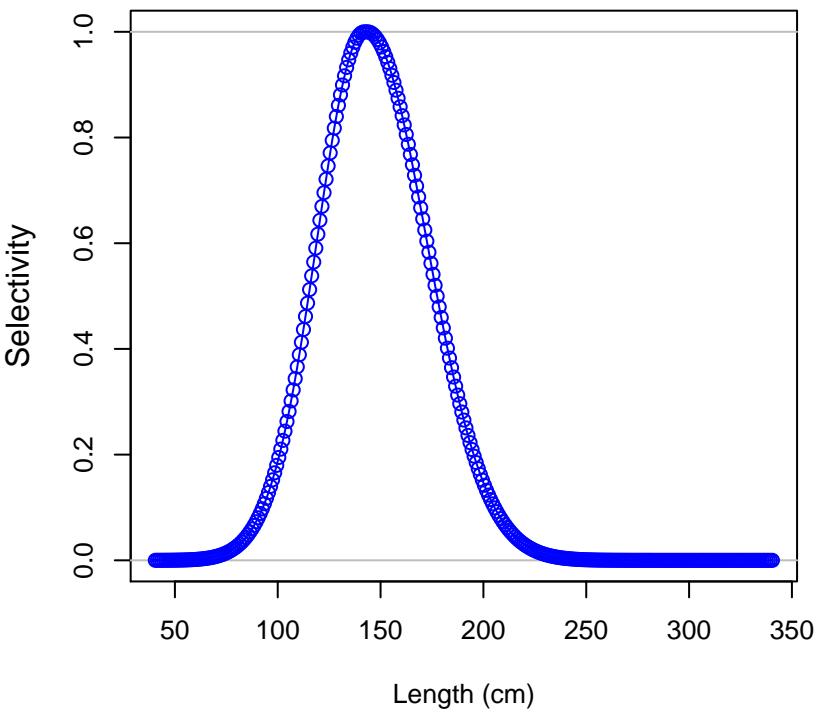
**Male ending year selectivity for S2\_US\_DS**



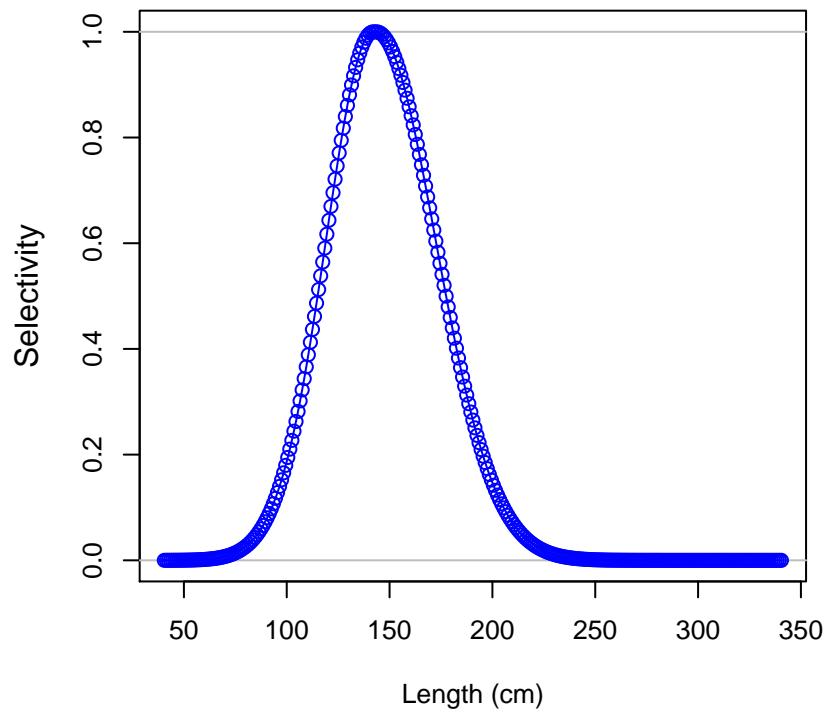
**Male ending year selectivity for S3\_TW\_LRG**



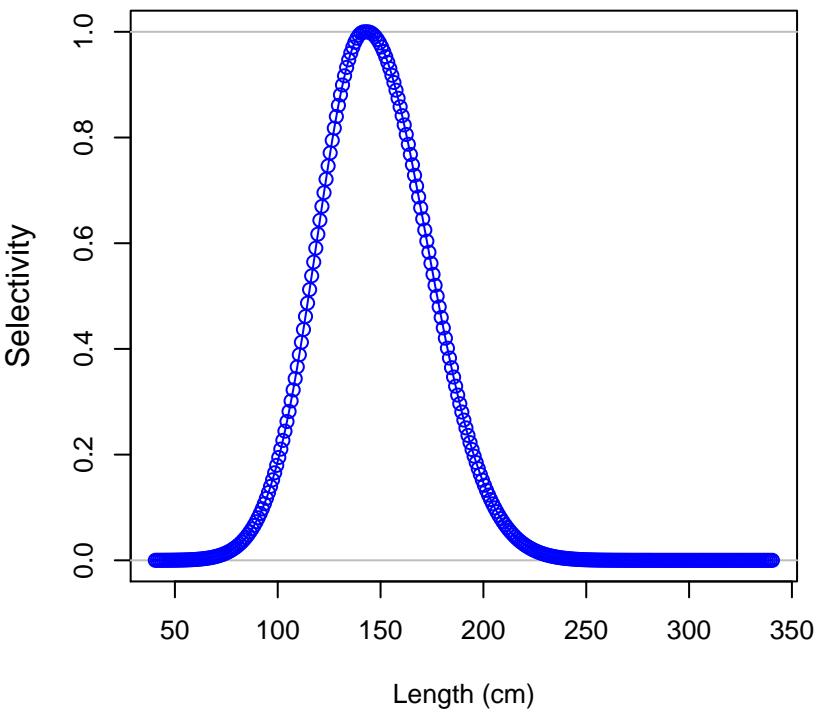
**Female ending year selectivity for S4\_JPN\_SS**



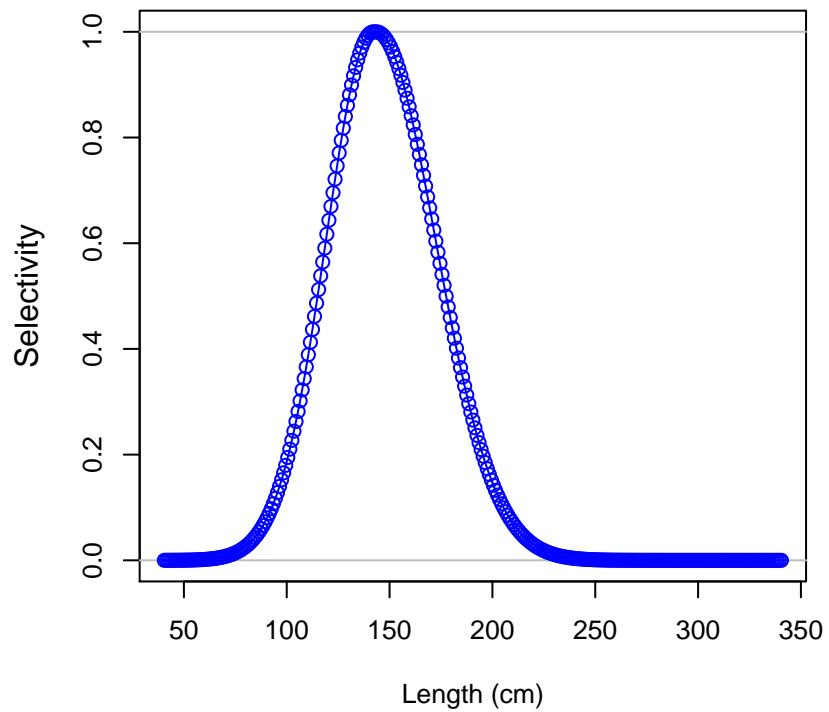
**Female ending year selectivity for S5\_JPN\_RTV**



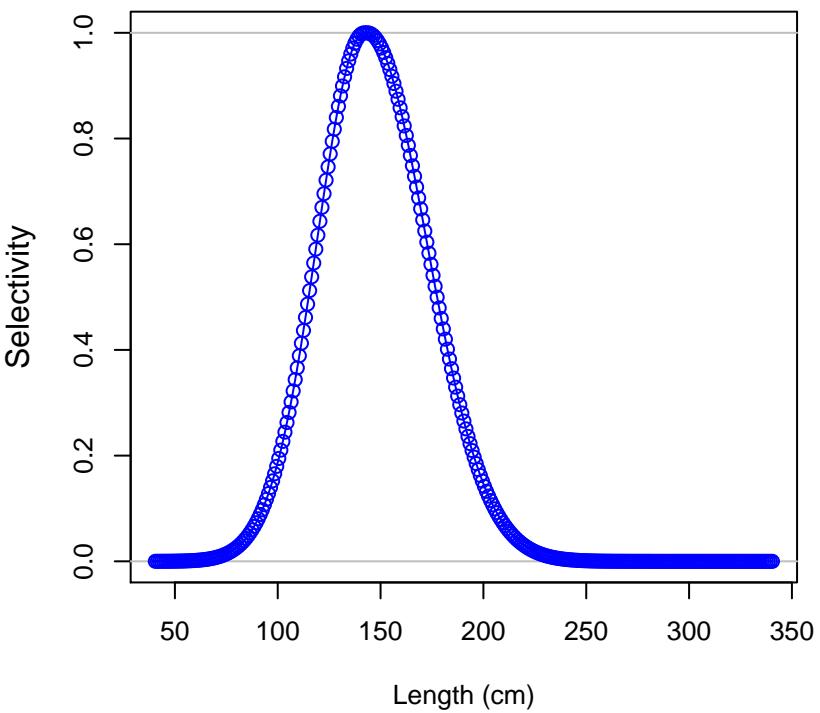
**Male ending year selectivity for S4\_JPN\_SS**



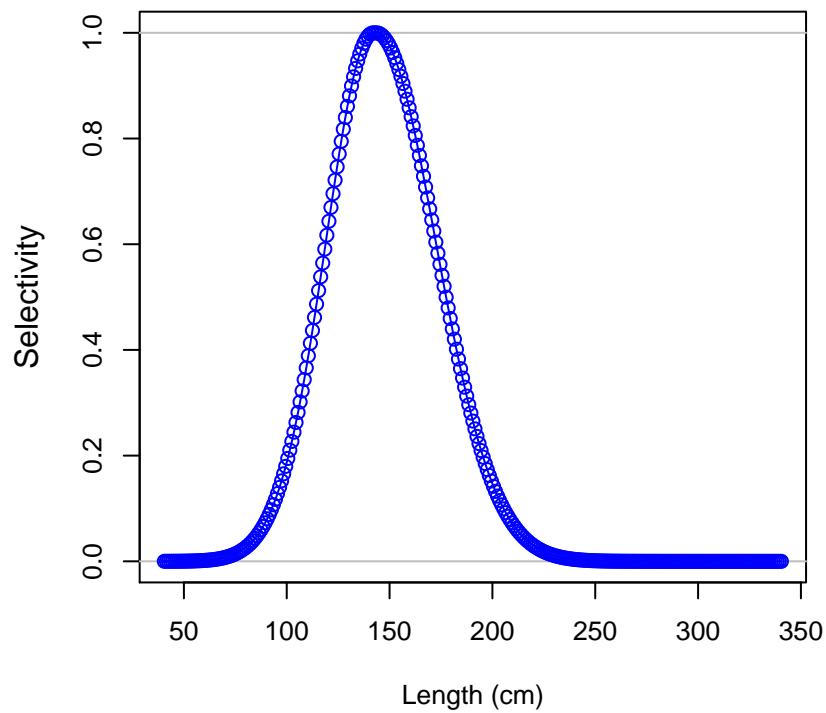
**Male ending year selectivity for S5\_JPN\_RTV**



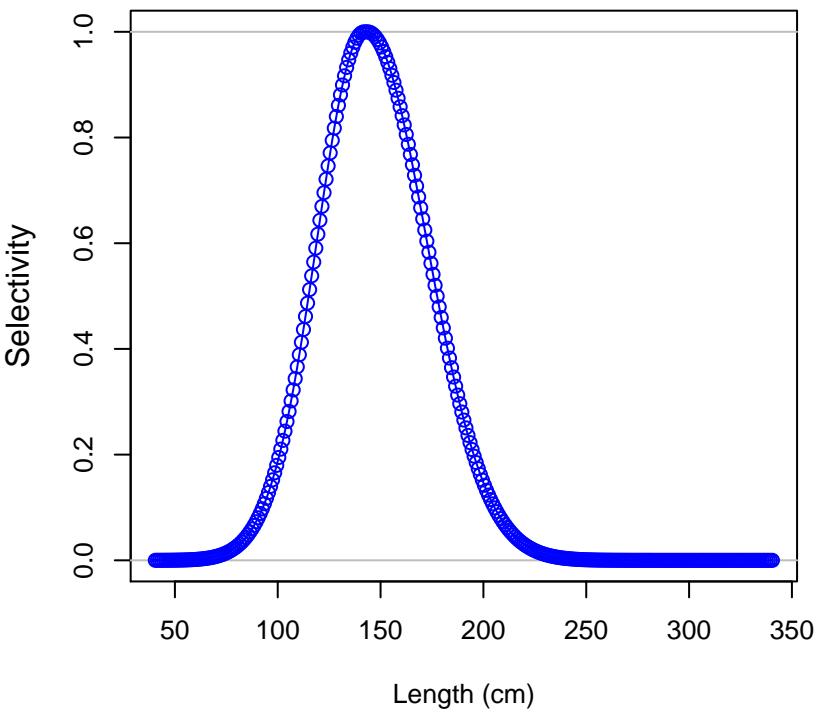
**Female ending year selectivity for S6\_JPN\_OBS**



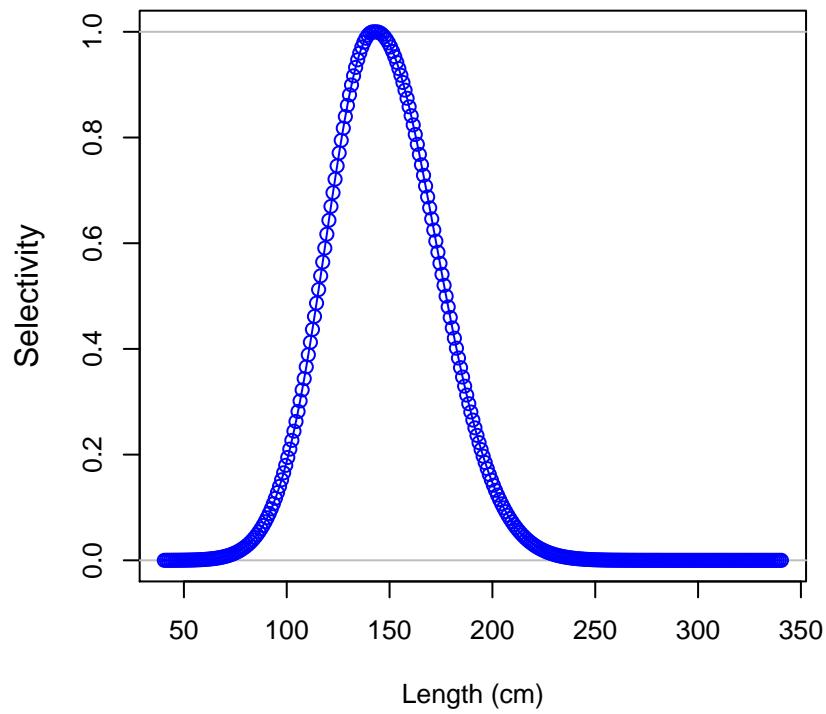
**Female ending year selectivity for S7\_JPN\_GEO**



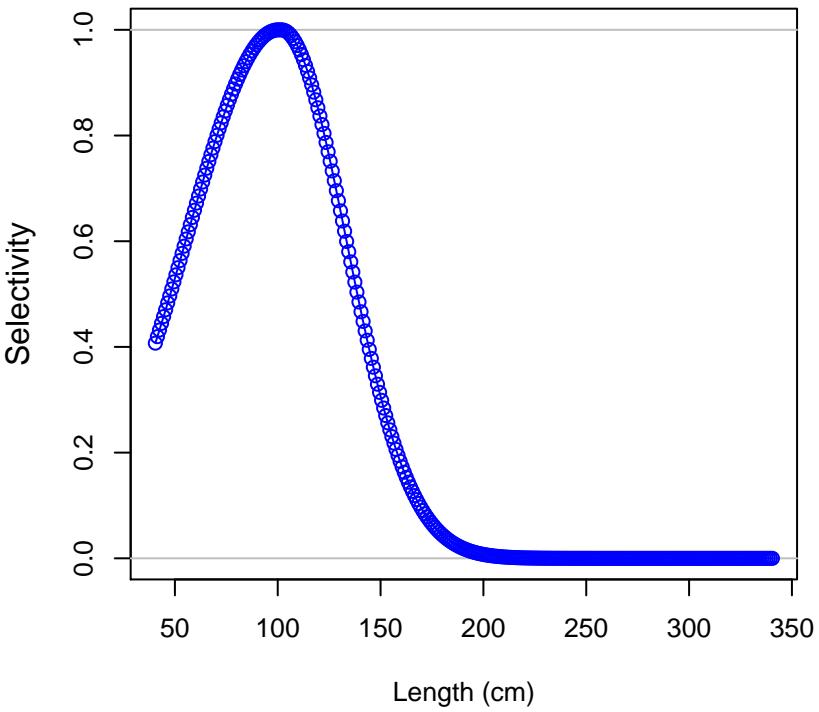
**Male ending year selectivity for S6\_JPN\_OBS**



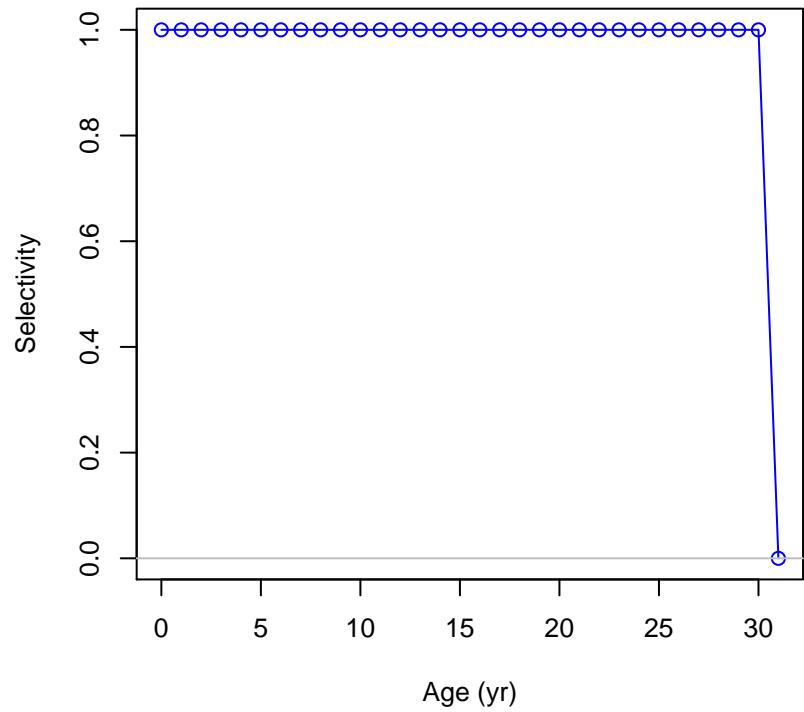
**Male ending year selectivity for S7\_JPN\_GEO**



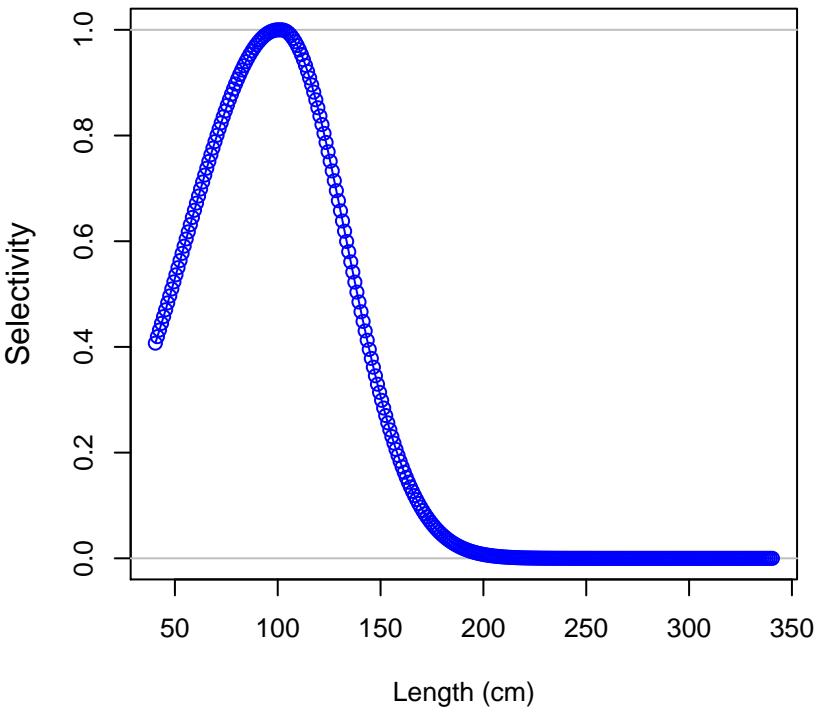
**Female ending year selectivity for S8\_MEX**



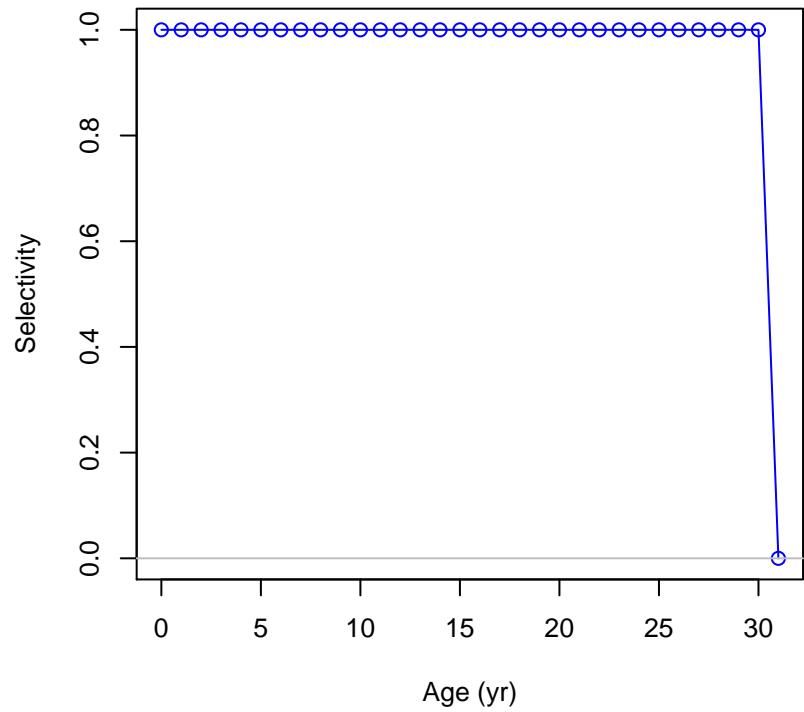
**Female ending year selectivity for F1\_US\_CA**



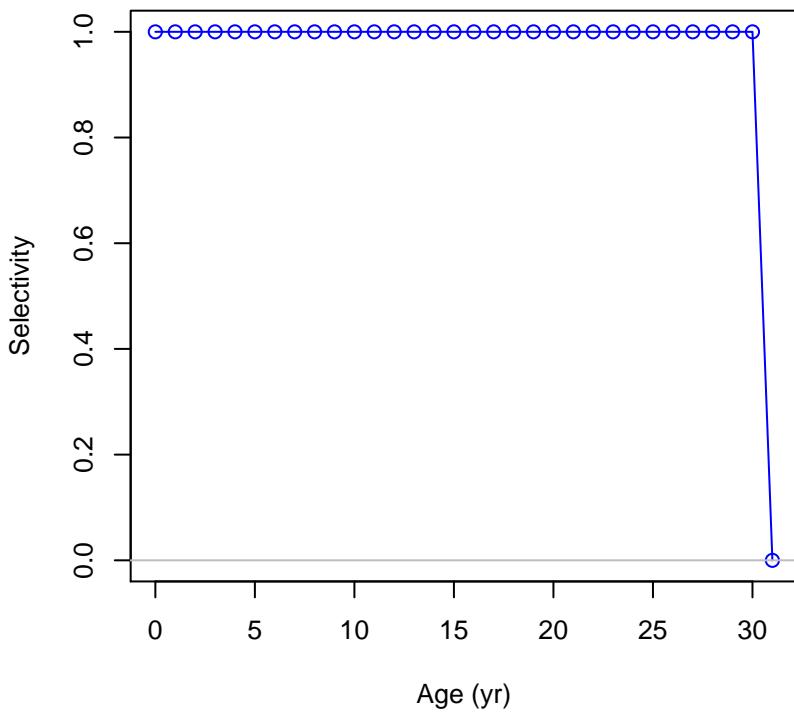
**Male ending year selectivity for S8\_MEX**



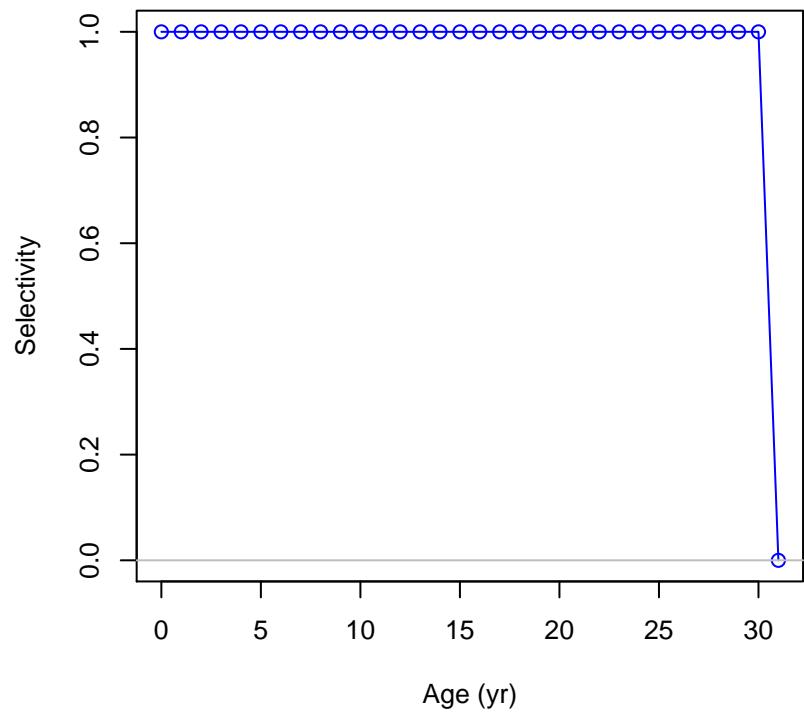
**Male ending year selectivity for F1\_US\_CA**



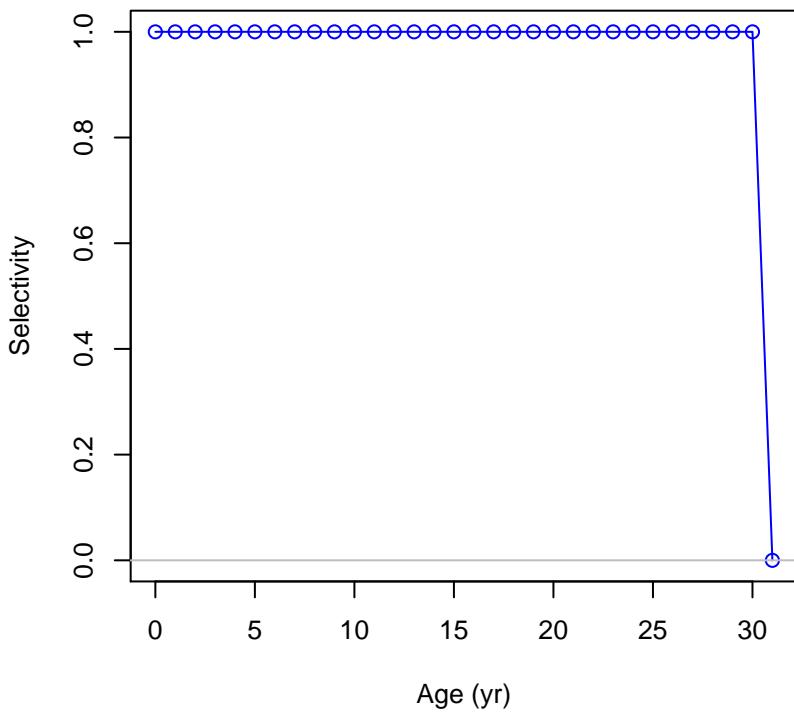
**Female ending year selectivity for F2\_US\_HI\_SS**



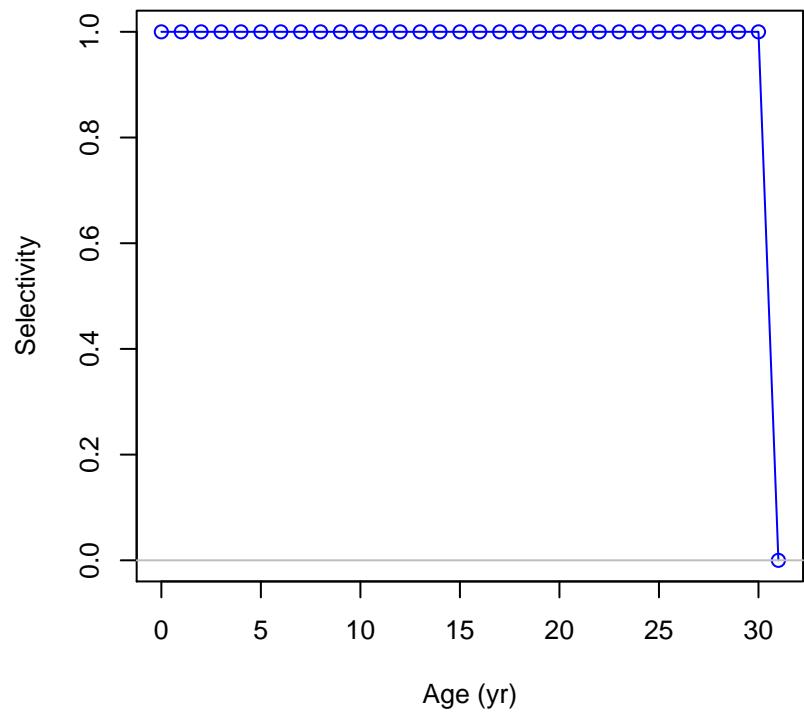
**Female ending year selectivity for F3\_US\_HI\_DS**



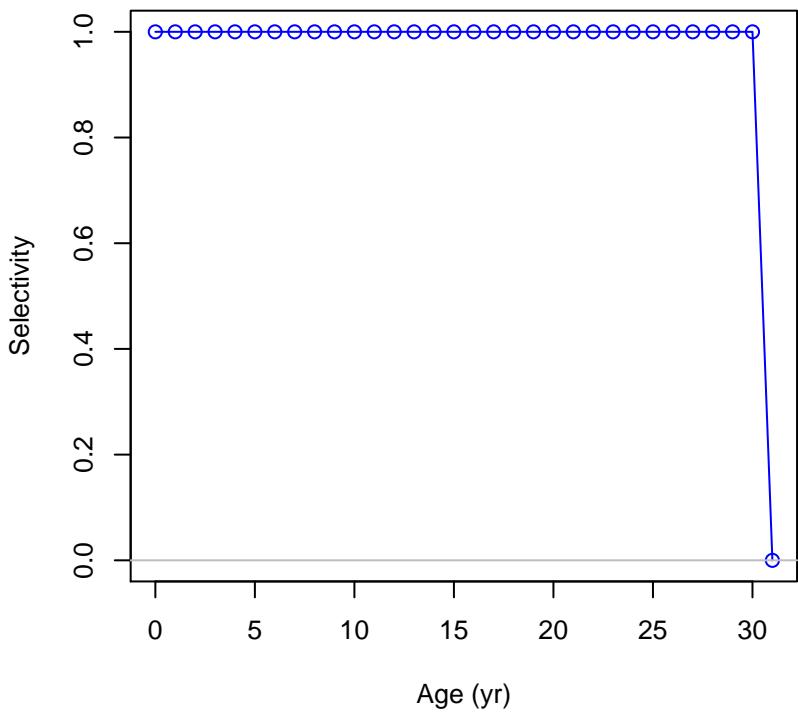
**Male ending year selectivity for F2\_US\_HI\_SS**



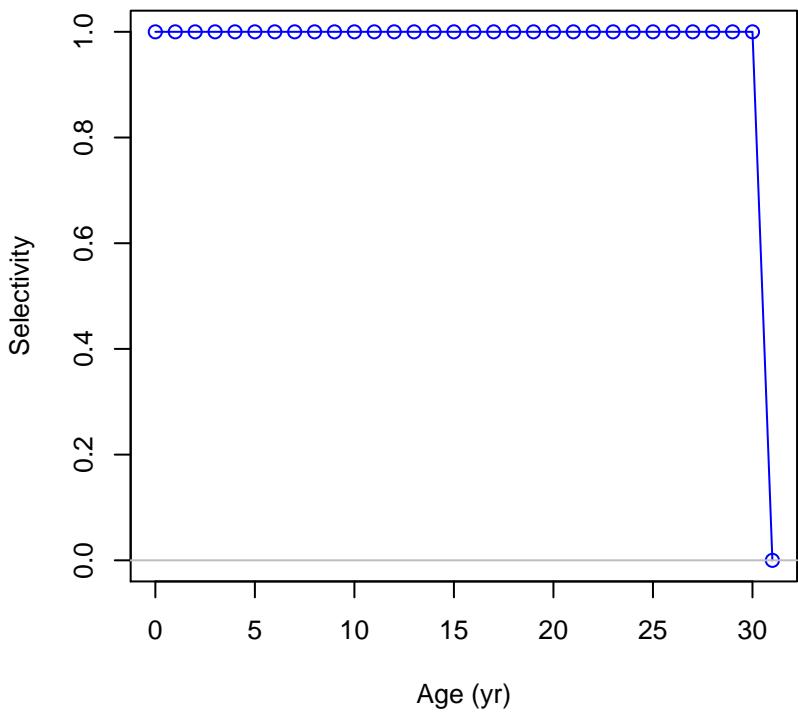
**Male ending year selectivity for F3\_US\_HI\_DS**



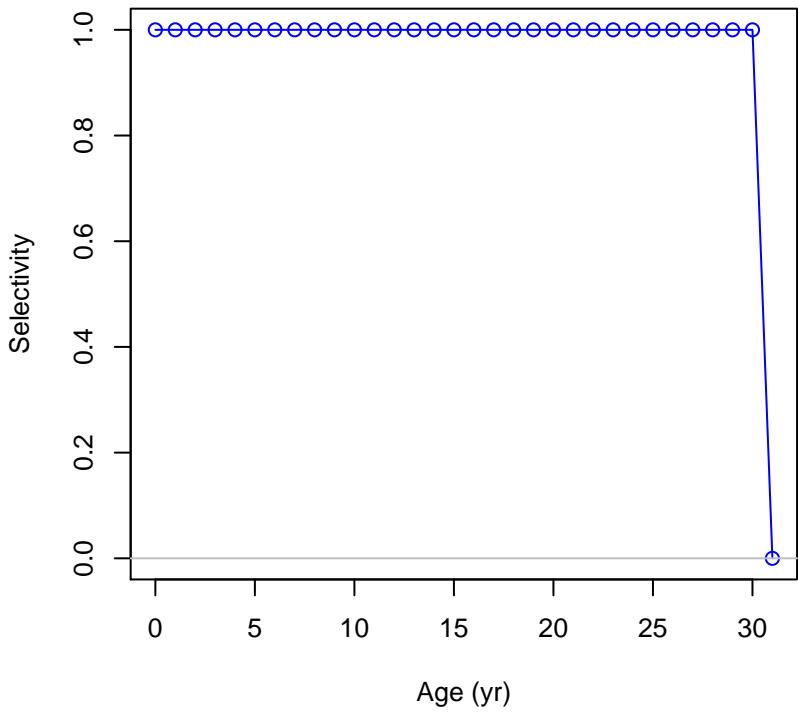
**Female ending year selectivity for F4\_US\_DGN**



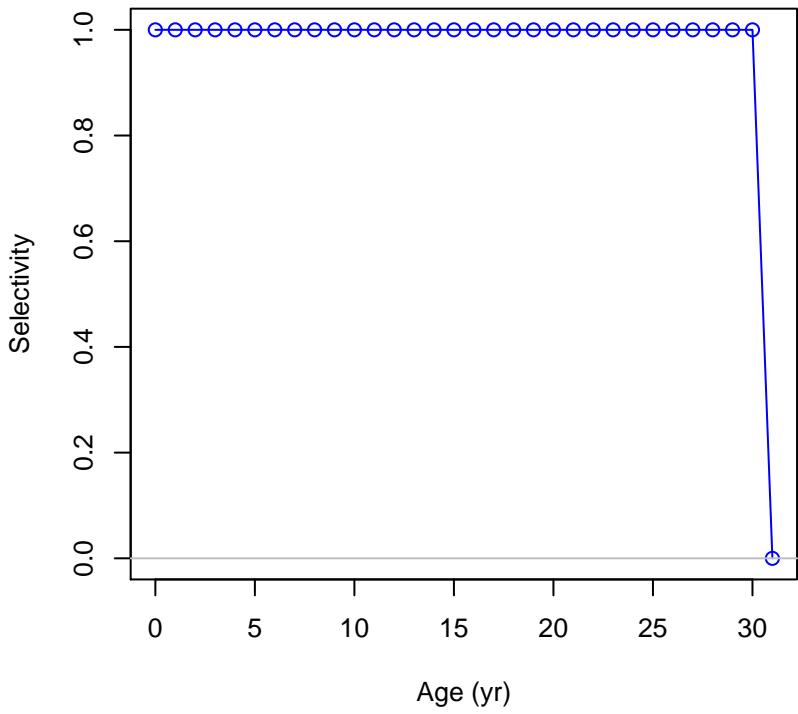
**Female ending year selectivity for F5\_US\_REC**



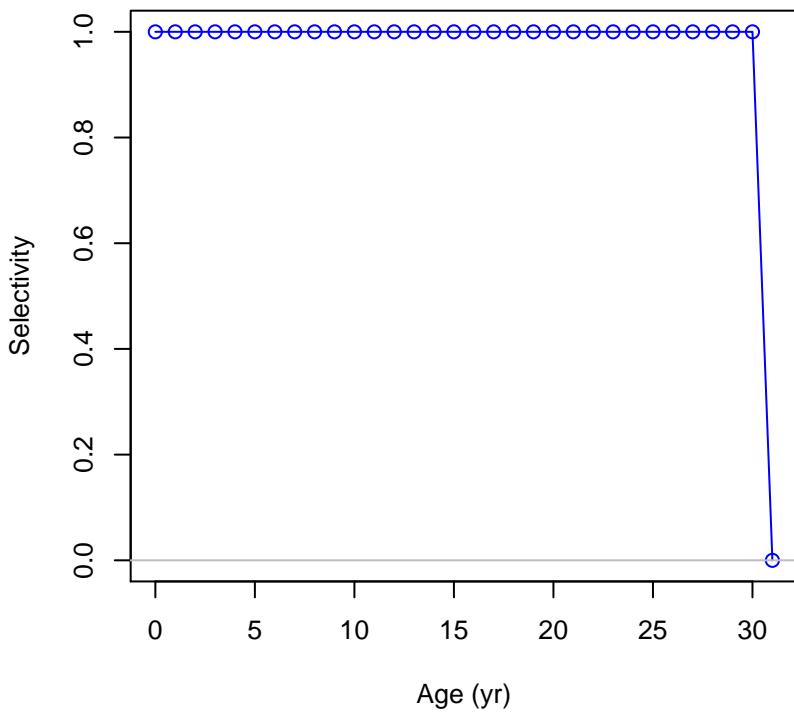
**Male ending year selectivity for F4\_US\_DGN**



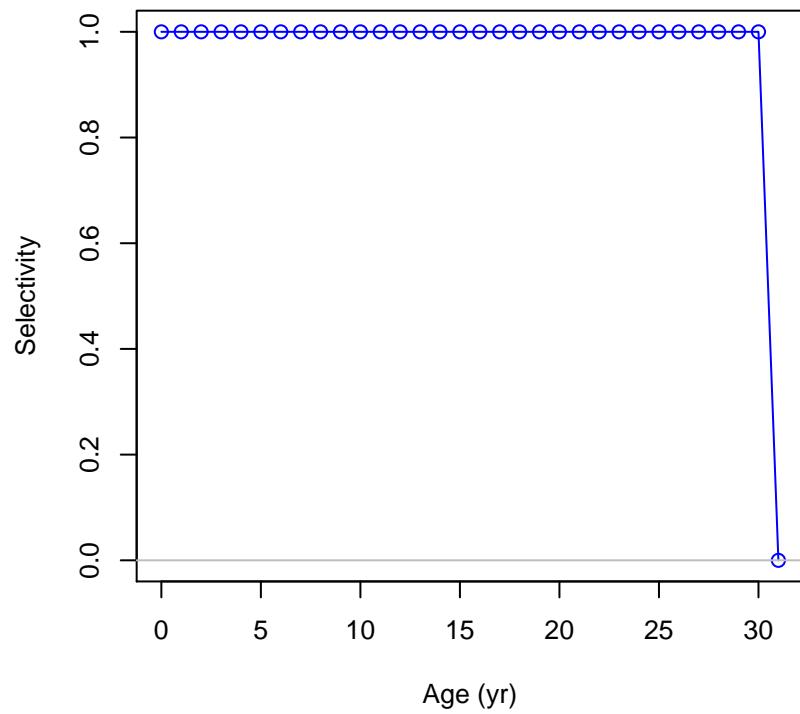
**Male ending year selectivity for F5\_US\_REC**



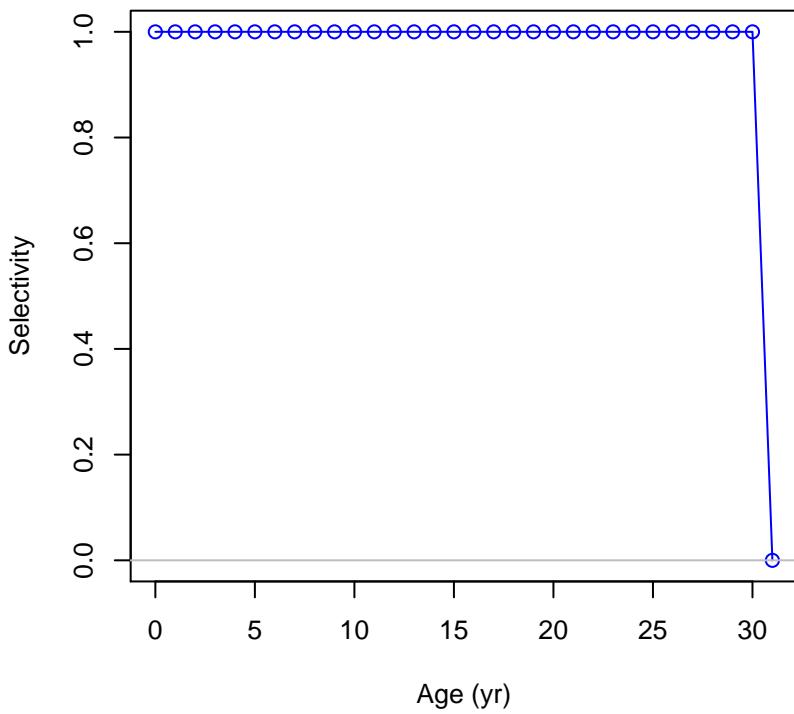
**Female ending year selectivity for F6\_TW\_LRG\_N**



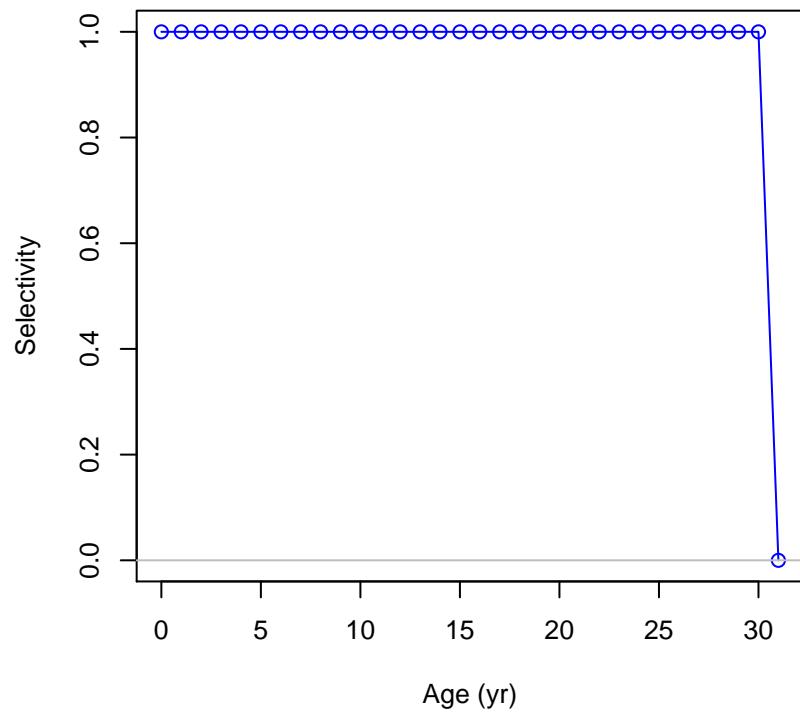
**Female ending year selectivity for F7\_TW\_LRG\_S**



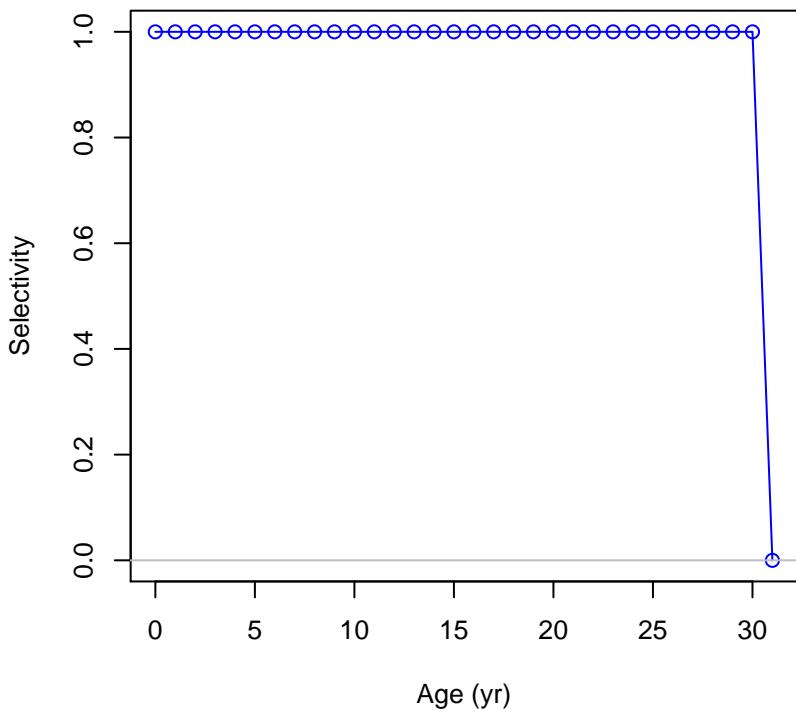
**Male ending year selectivity for F6\_TW\_LRG\_N**



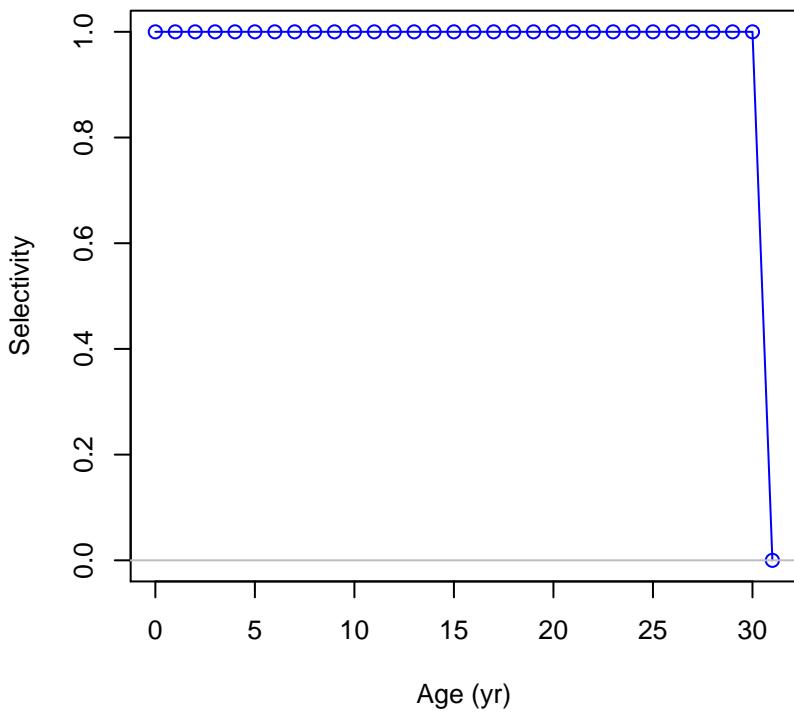
**Male ending year selectivity for F7\_TW\_LRG\_S**



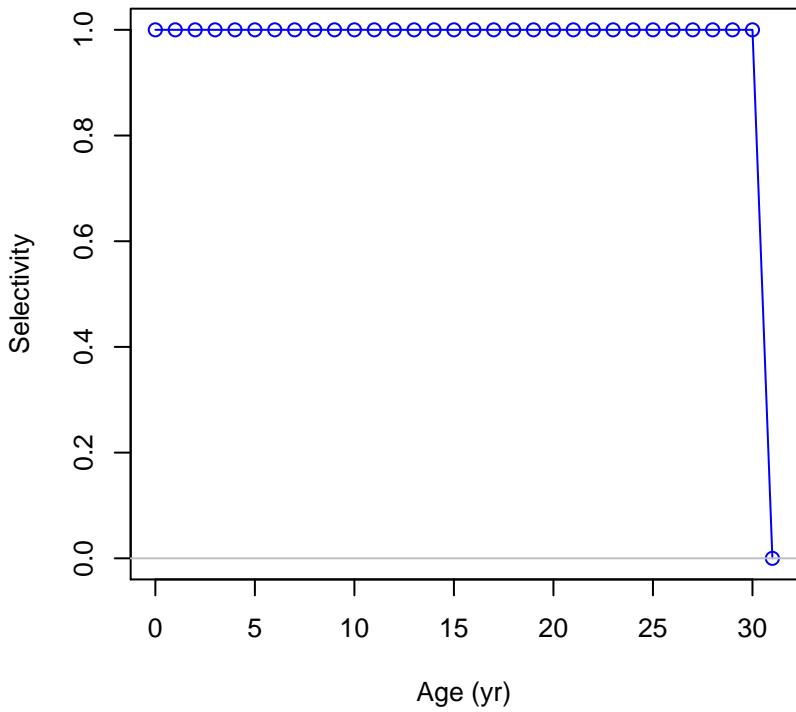
**Female ending year selectivity for F8\_TW\_SML**



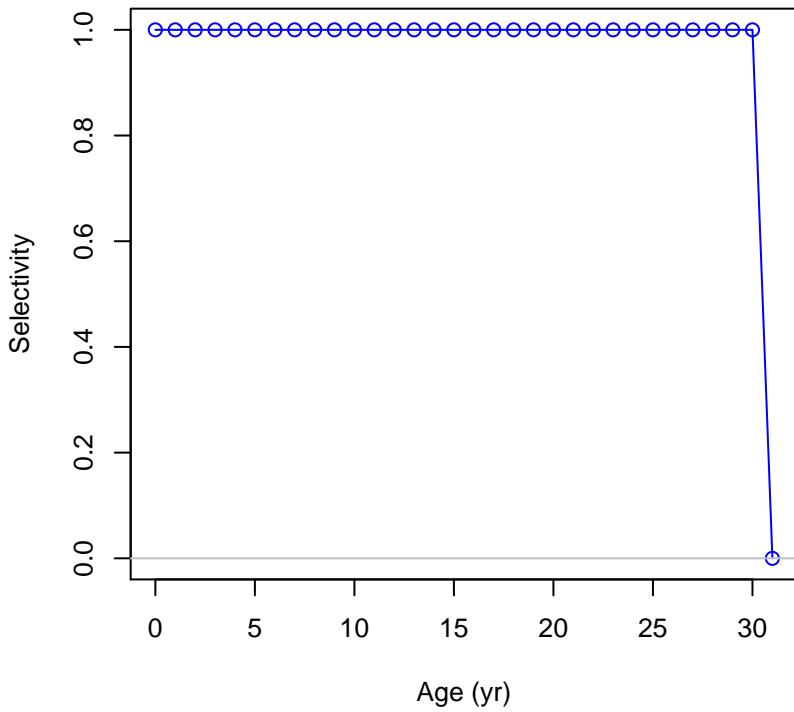
**Female ending year selectivity for F9\_JPN\_SS**



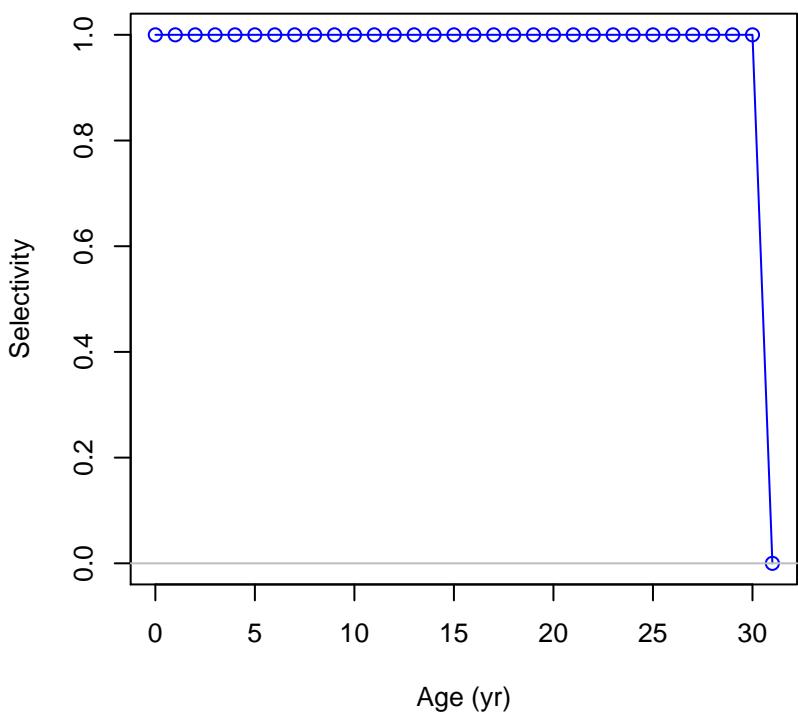
**Male ending year selectivity for F8\_TW\_SML**



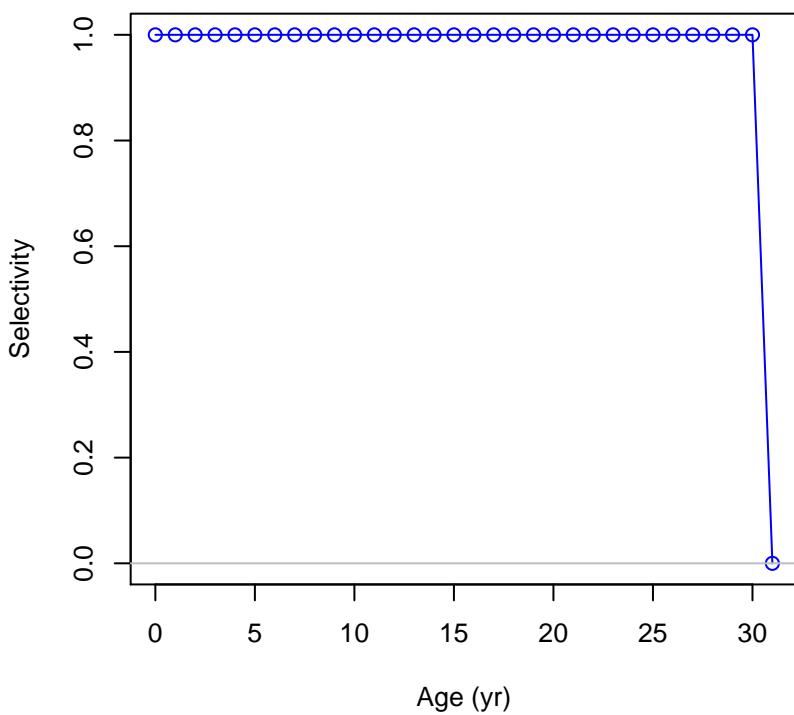
**Male ending year selectivity for F9\_JPN\_SS**



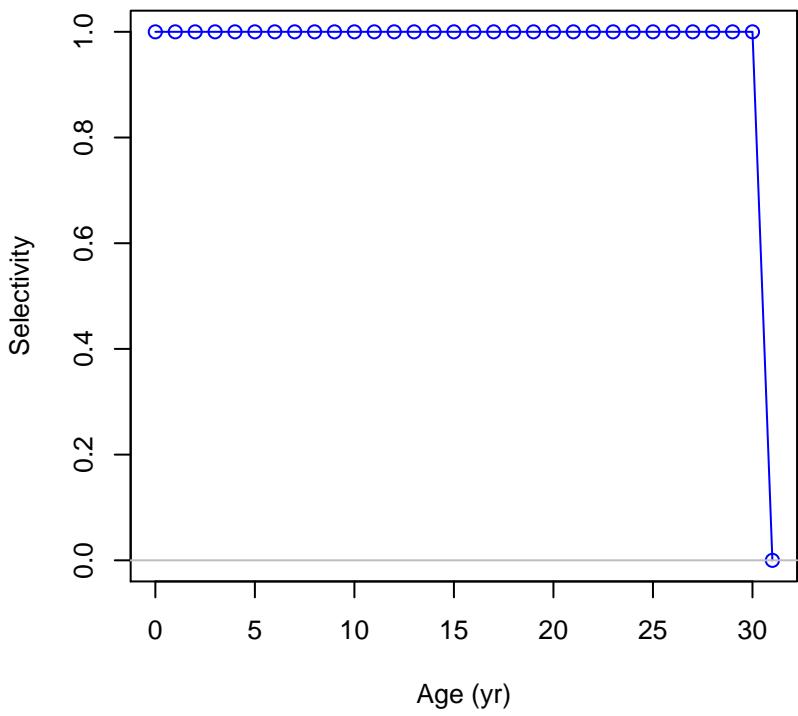
**Female ending year selectivity for F10\_JPN\_DS**



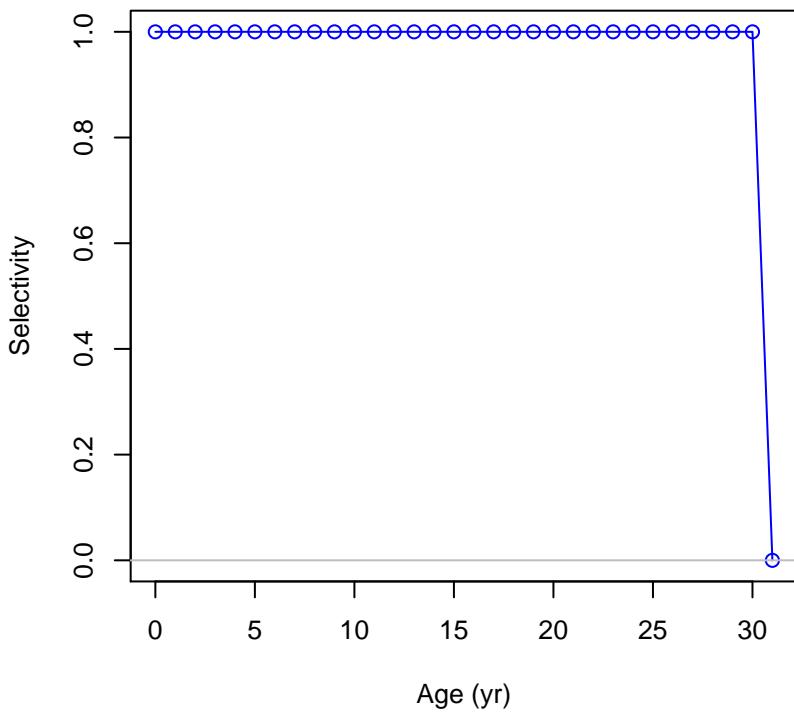
**Female ending year selectivity for F11\_JPN\_CST**



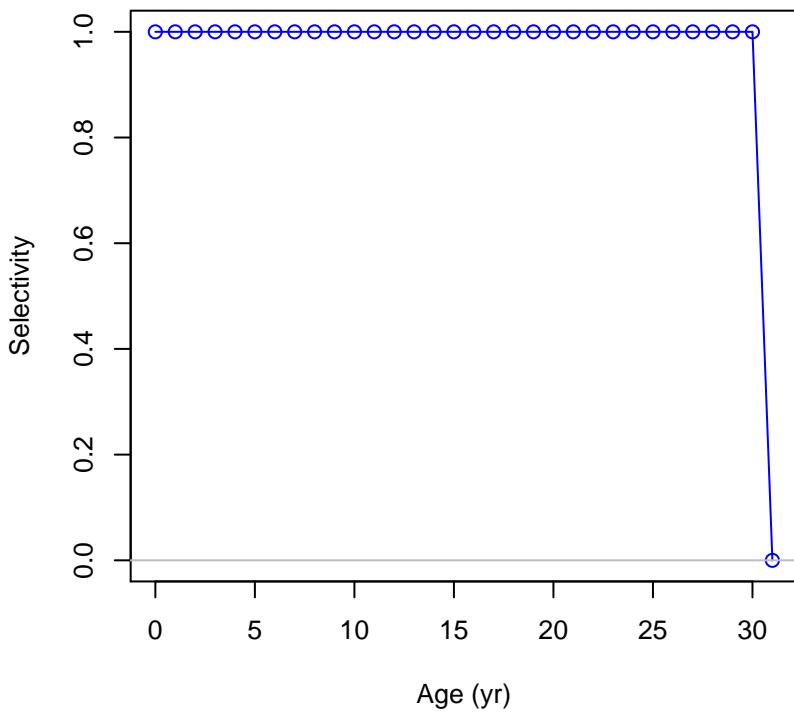
**Male ending year selectivity for F10\_JPN\_DS**



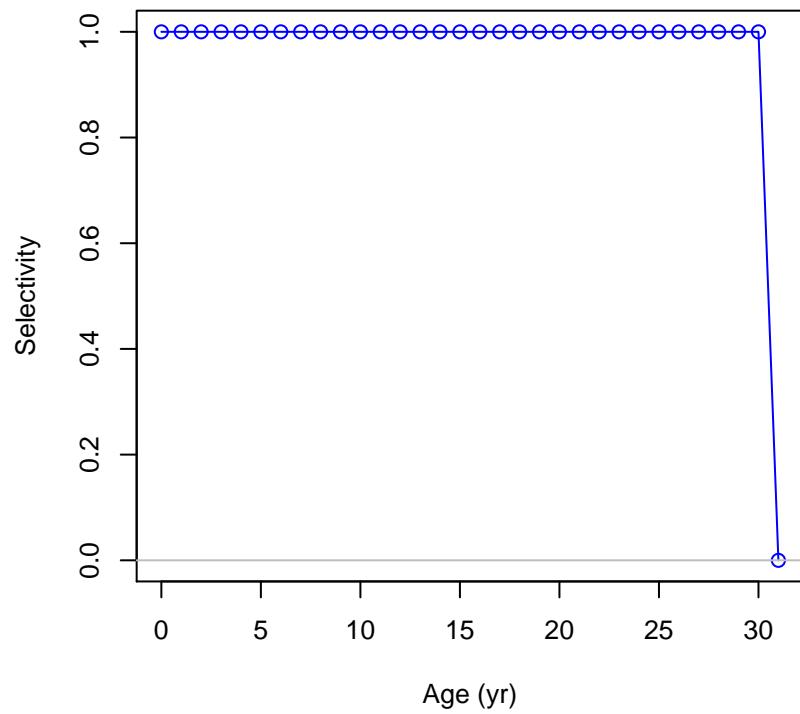
**Male ending year selectivity for F11\_JPN\_CST**



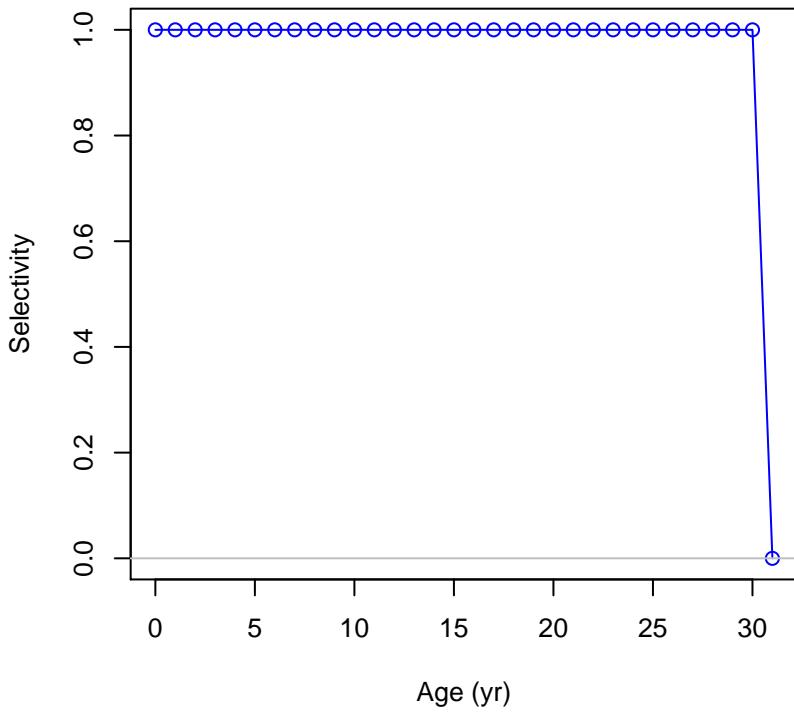
**Female ending year selectivity for F12\_JPN\_DFN**



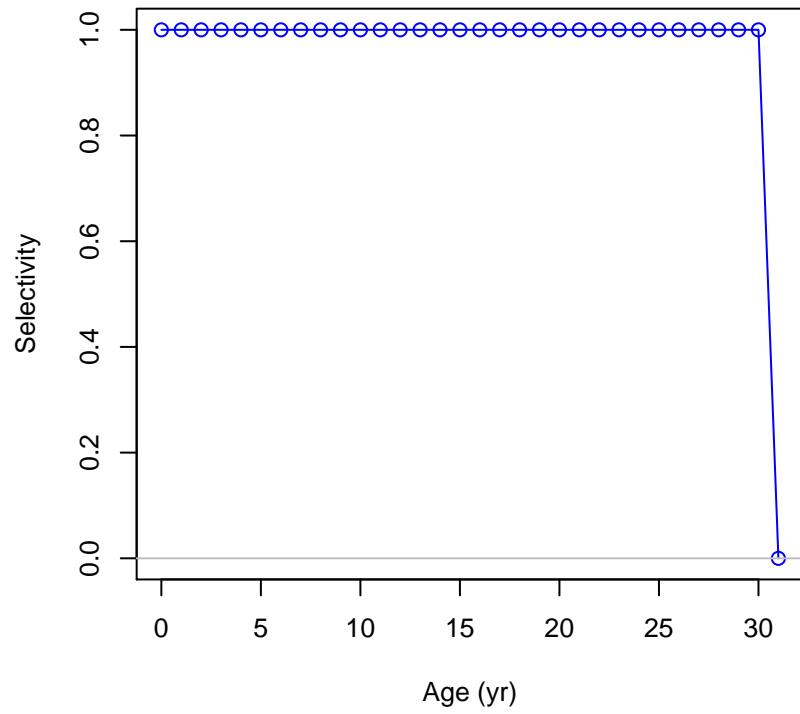
**Female ending year selectivity for F13\_JPN\_OTH**



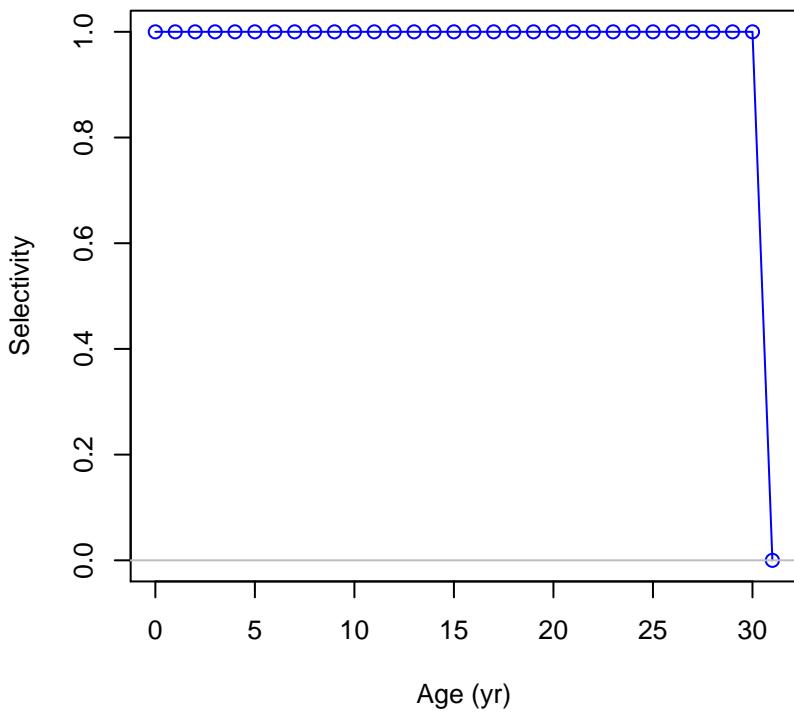
**Male ending year selectivity for F12\_JPN\_DFN**



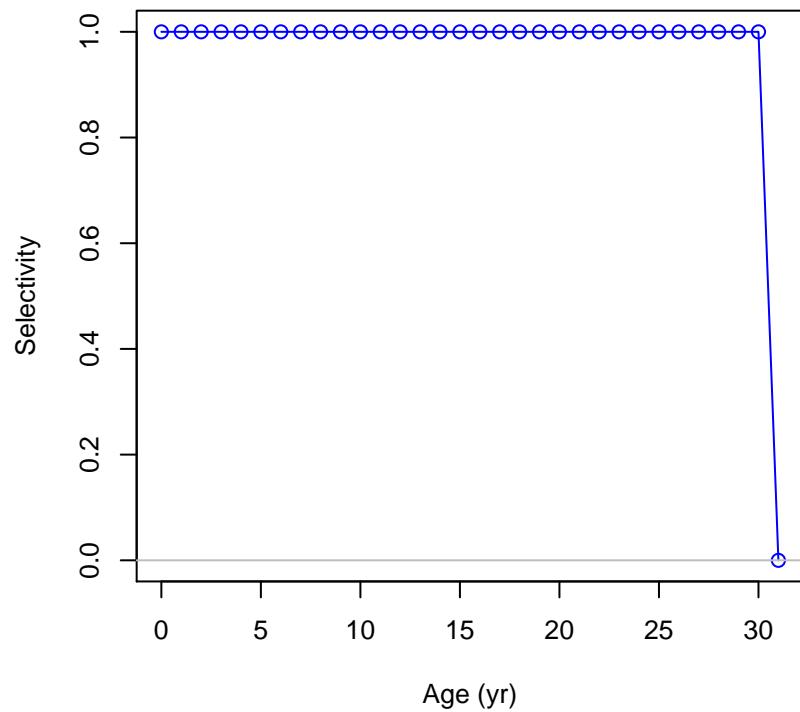
**Male ending year selectivity for F13\_JPN\_OTH**



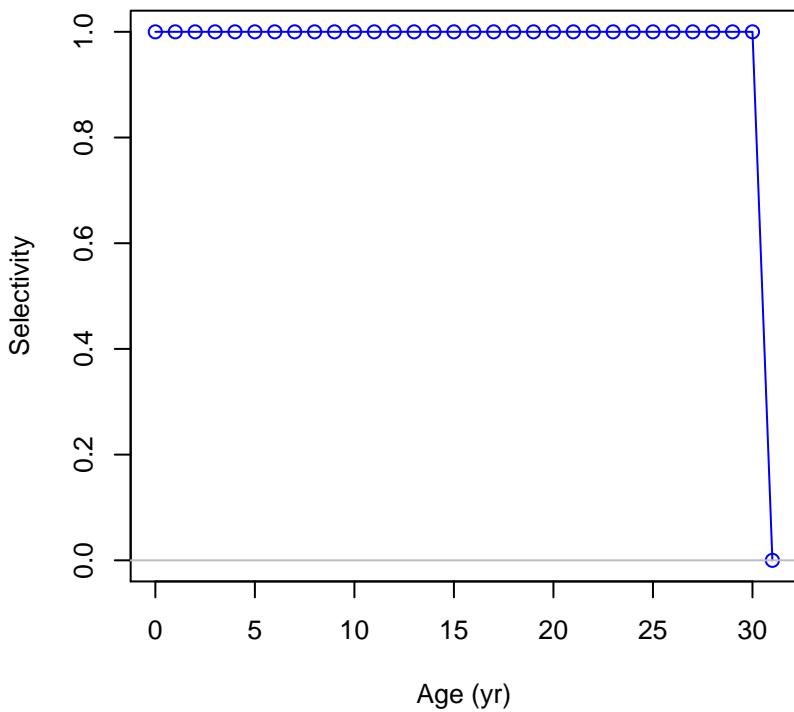
**Female ending year selectivity for F14\_MEX\_NOR**



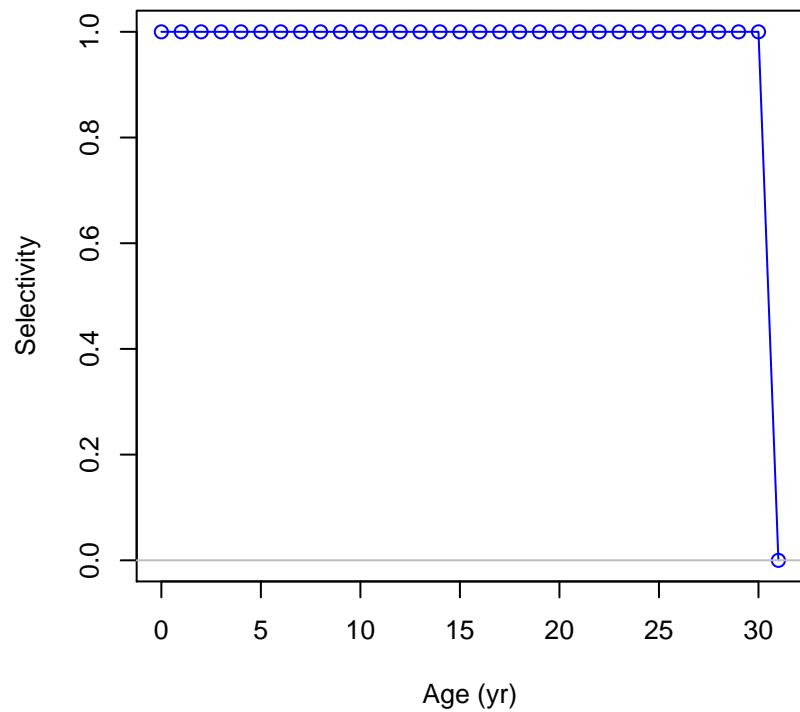
**Female ending year selectivity for F15\_MEX\_SOU**



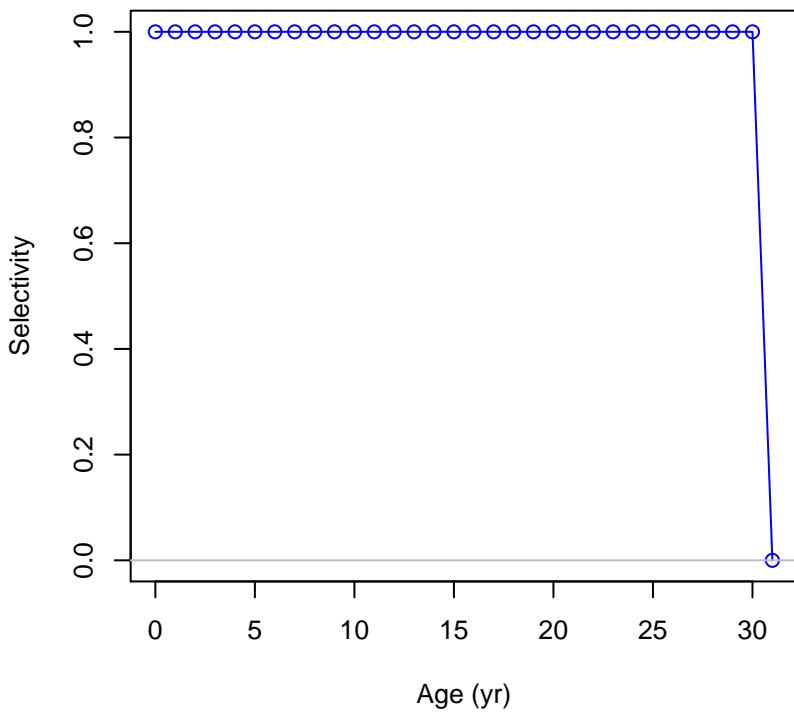
**Male ending year selectivity for F14\_MEX\_NOR**



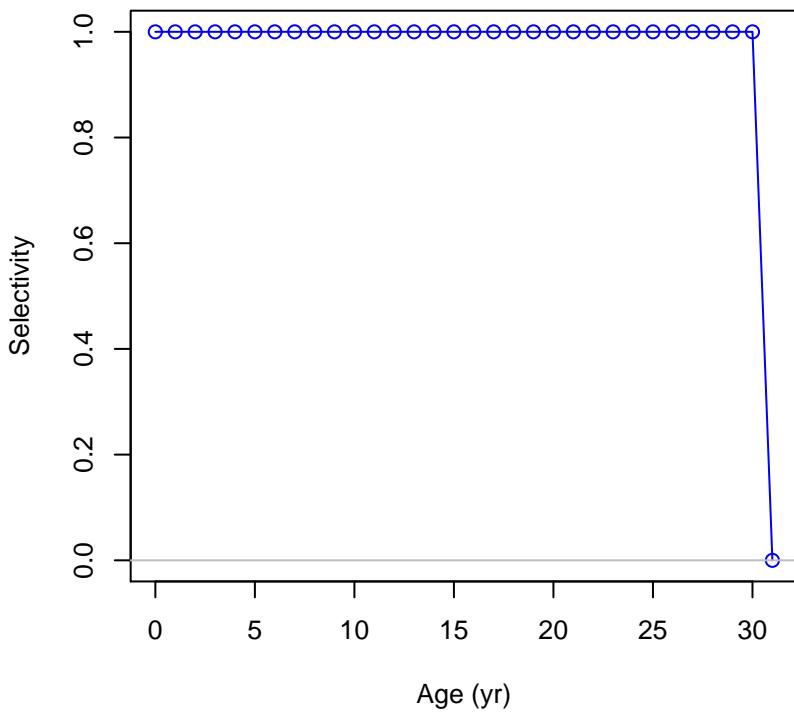
**Male ending year selectivity for F15\_MEX\_SOU**



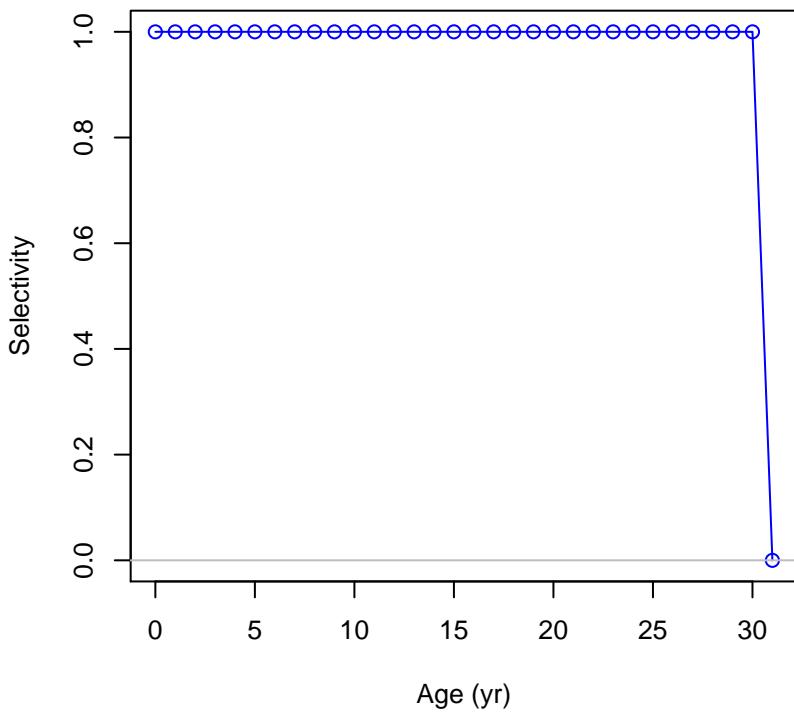
**Female ending year selectivity for F16\_WCPFC**



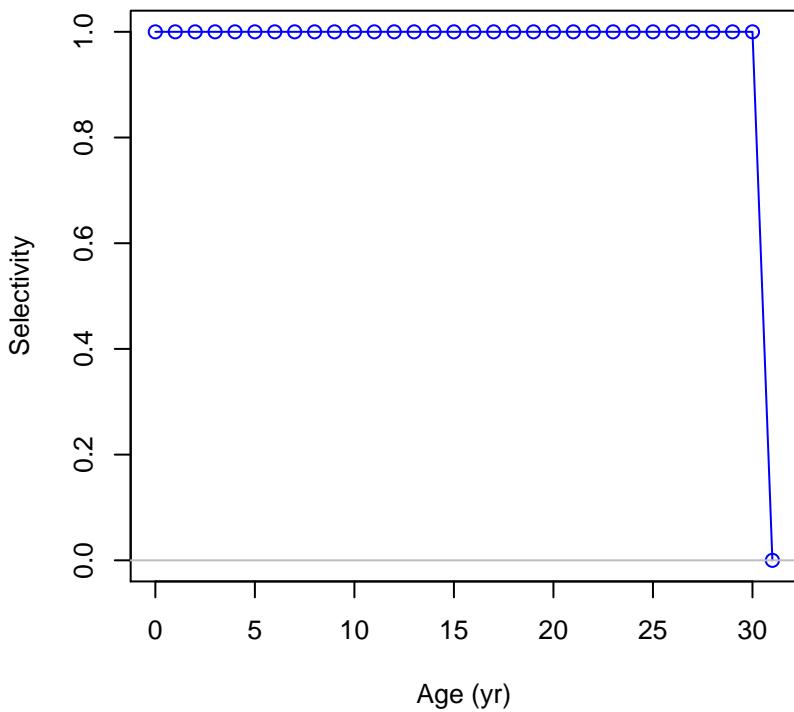
**Female ending year selectivity for F17\_IATTC**



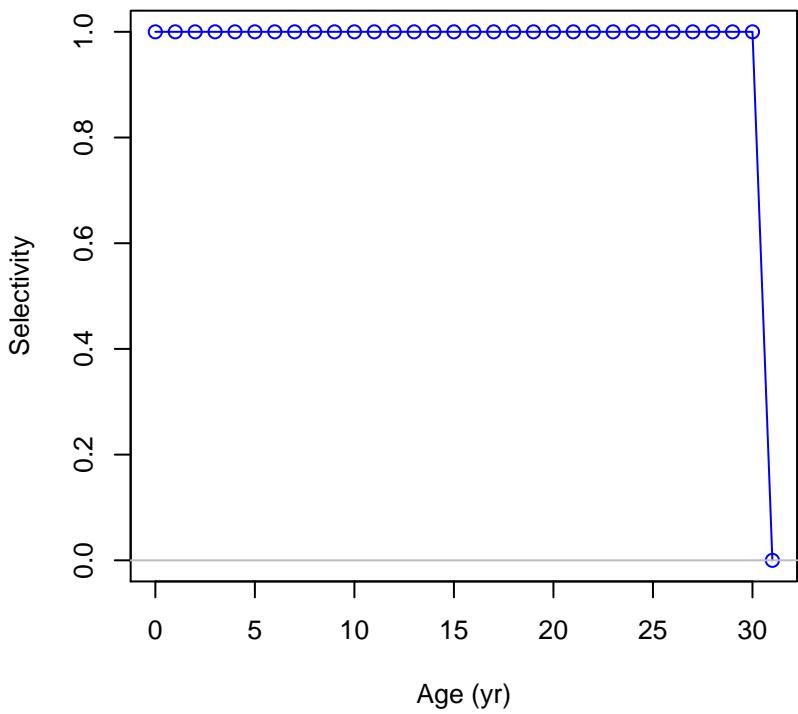
**Male ending year selectivity for F16\_WCPFC**



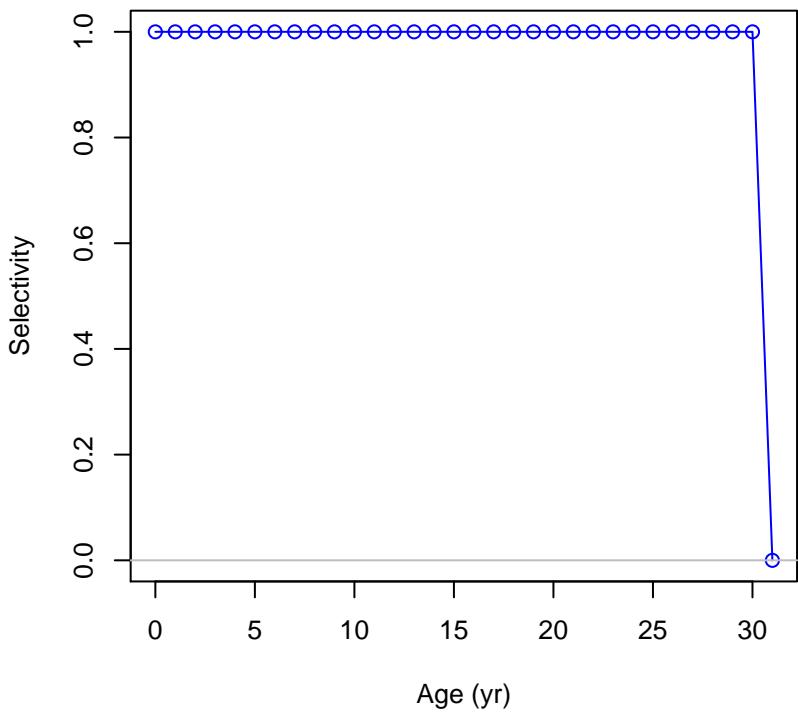
**Male ending year selectivity for F17\_IATTC**



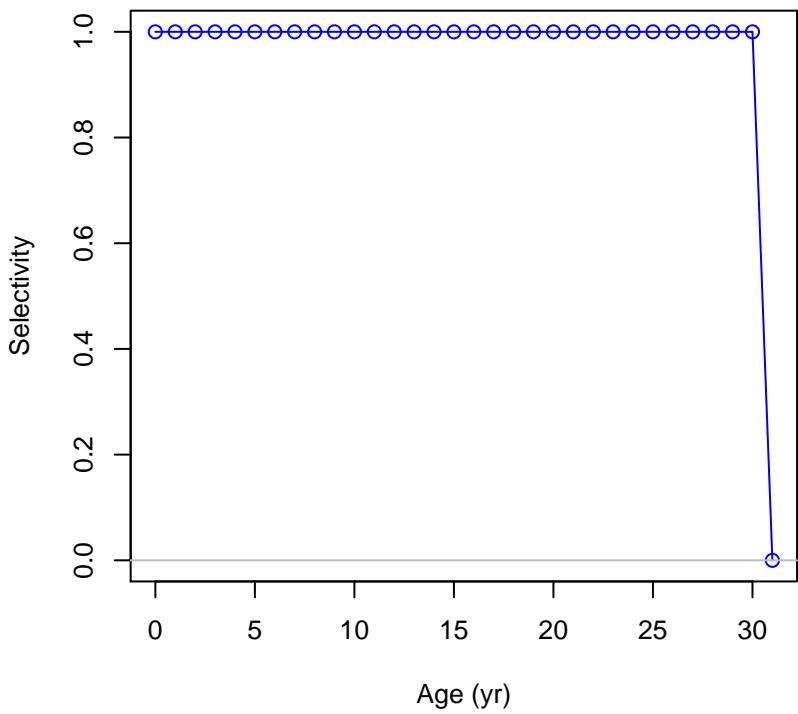
**Female ending year selectivity for F18\_JPN\_SSII**



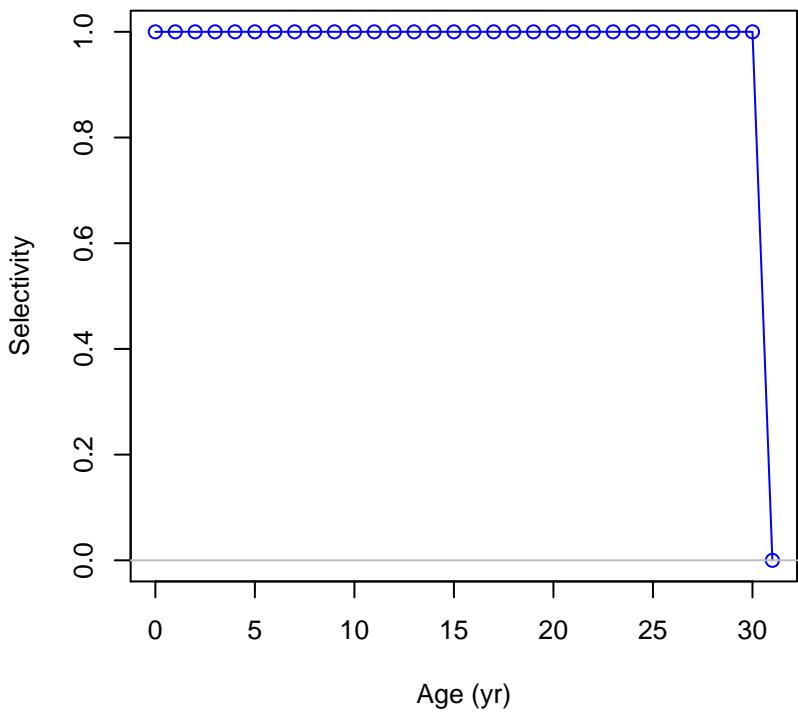
**Female ending year selectivity for S1\_US\_SS**



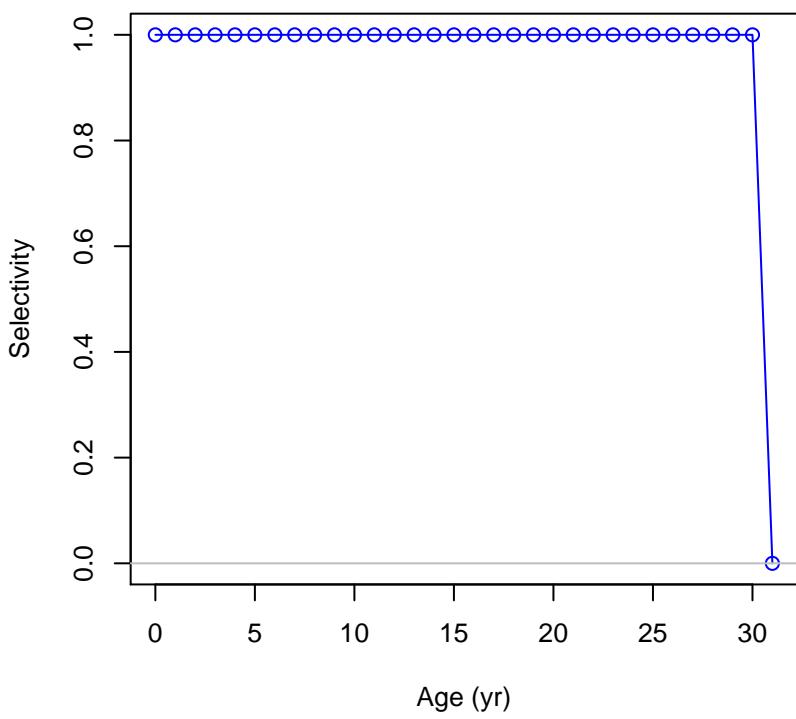
**Male ending year selectivity for F18\_JPN\_SSII**



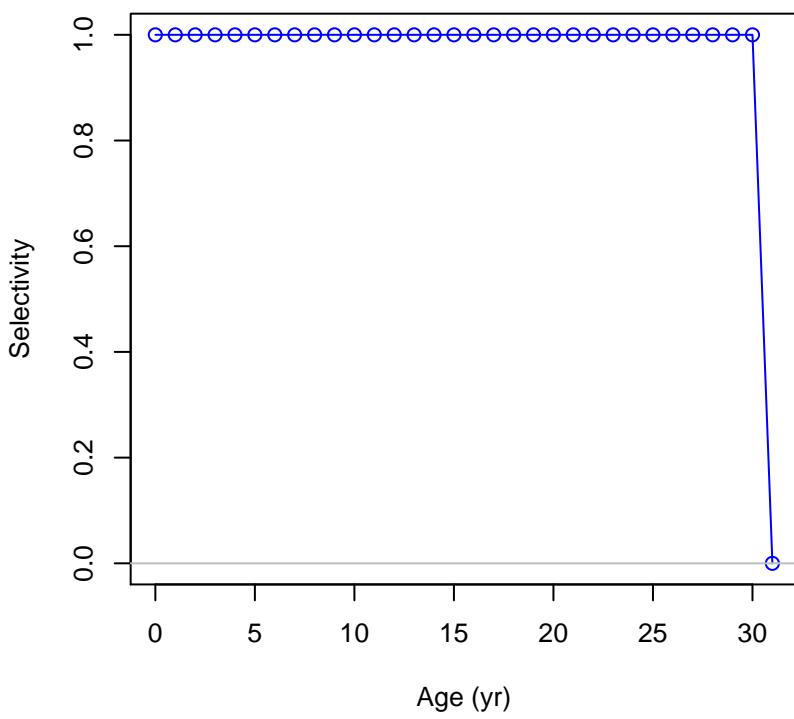
**Male ending year selectivity for S1\_US\_SS**



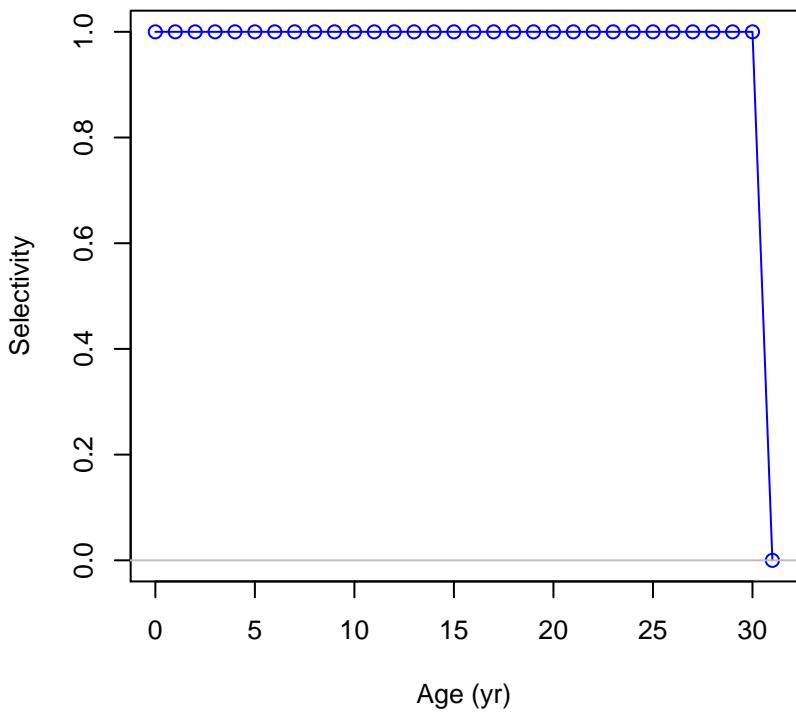
**Female ending year selectivity for S2\_US\_DS**



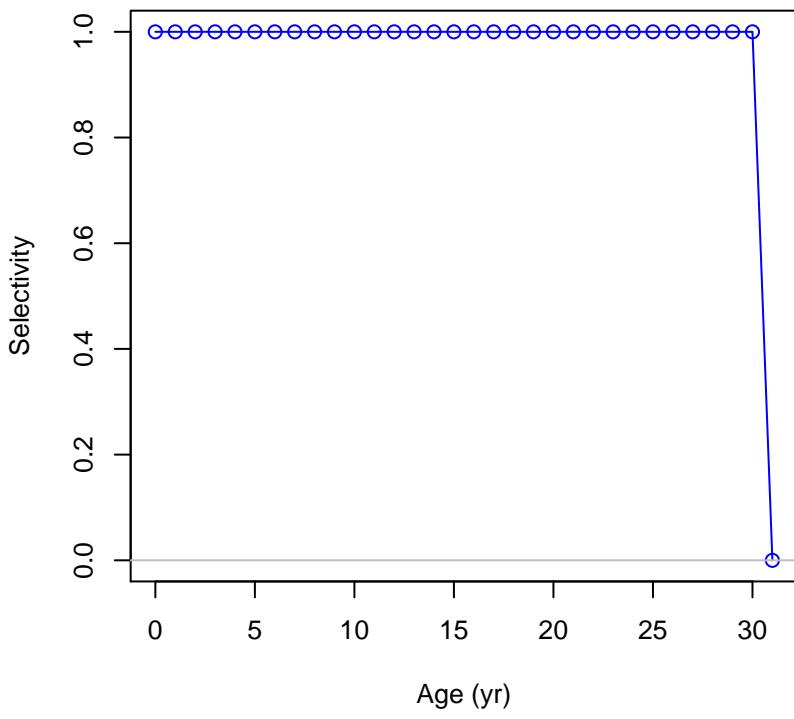
**Female ending year selectivity for S3\_TW\_LRG**



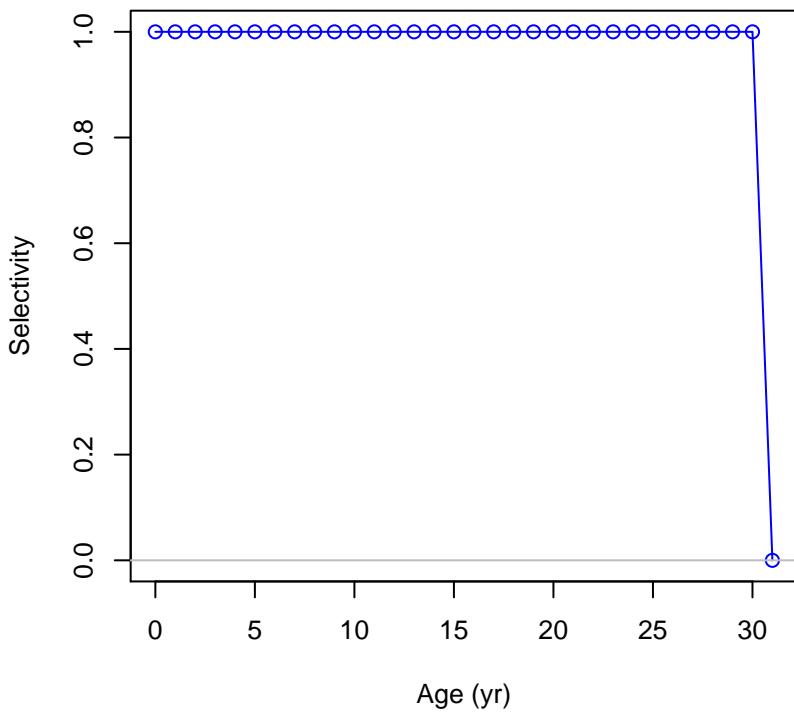
**Male ending year selectivity for S2\_US\_DS**



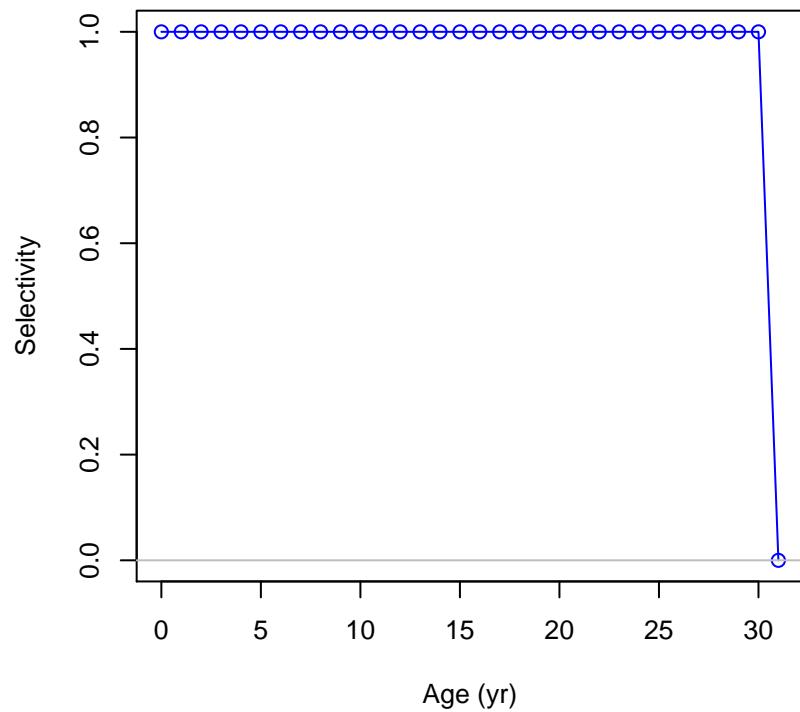
**Male ending year selectivity for S3\_TW\_LRG**



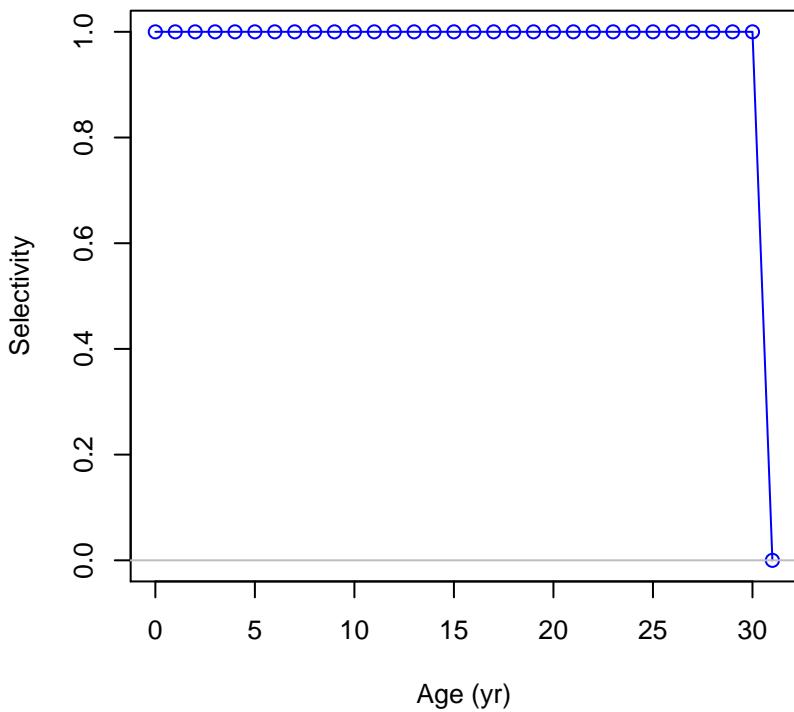
**Female ending year selectivity for S4\_JPN\_SS**



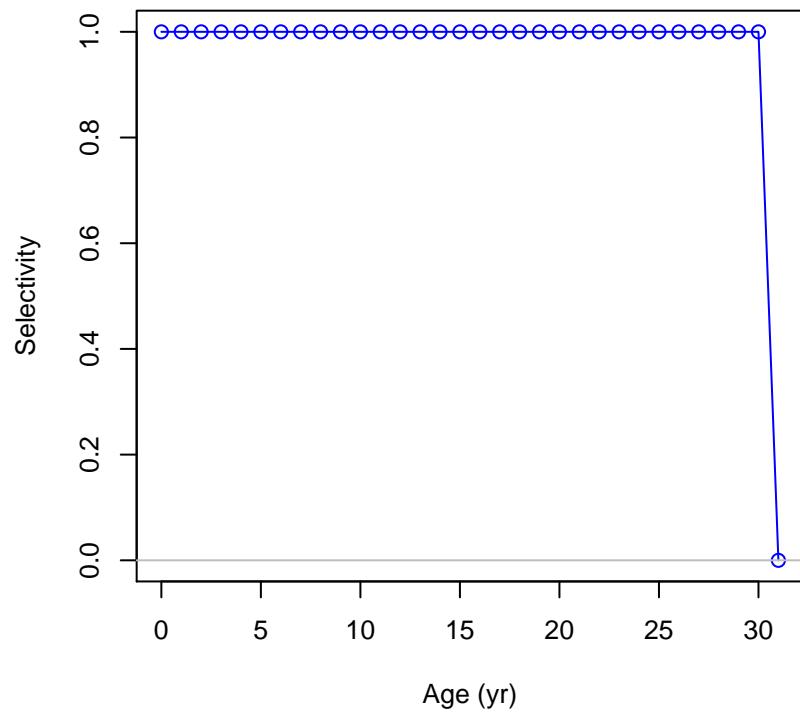
**Female ending year selectivity for S5\_JPN\_RTV**



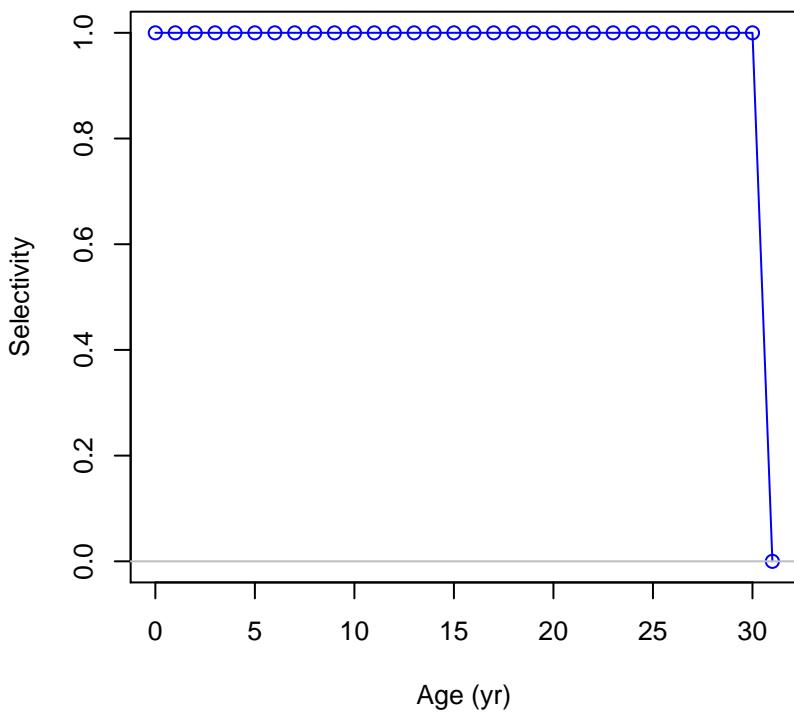
**Male ending year selectivity for S4\_JPN\_SS**



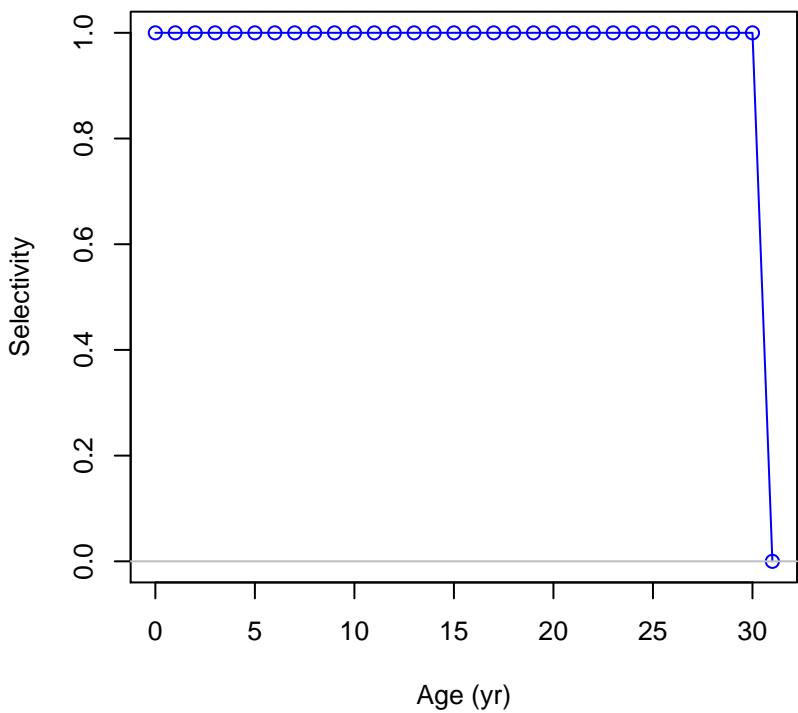
**Male ending year selectivity for S5\_JPN\_RTV**



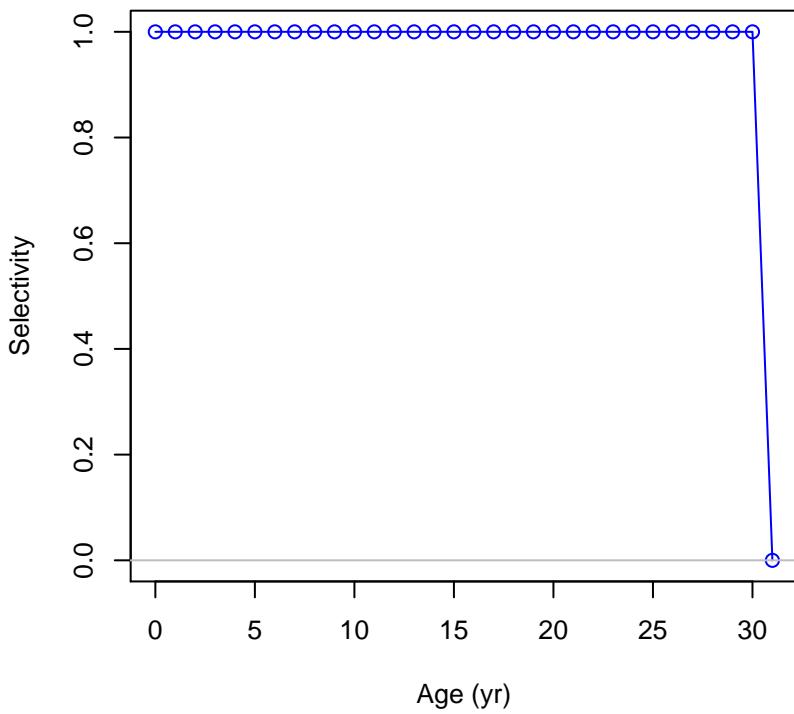
**Female ending year selectivity for S6\_JPN\_OBS**



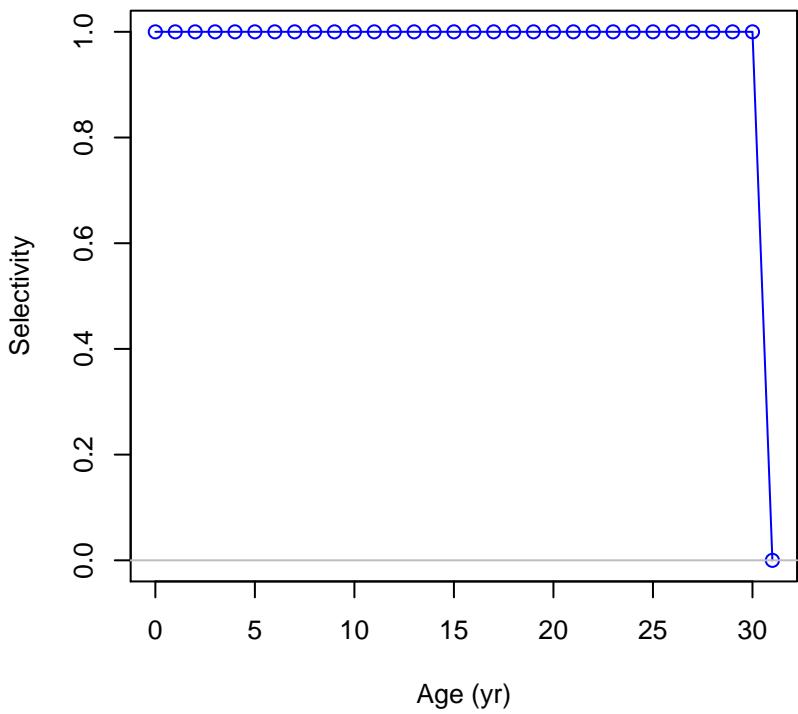
**Female ending year selectivity for S7\_JPN\_GEO**



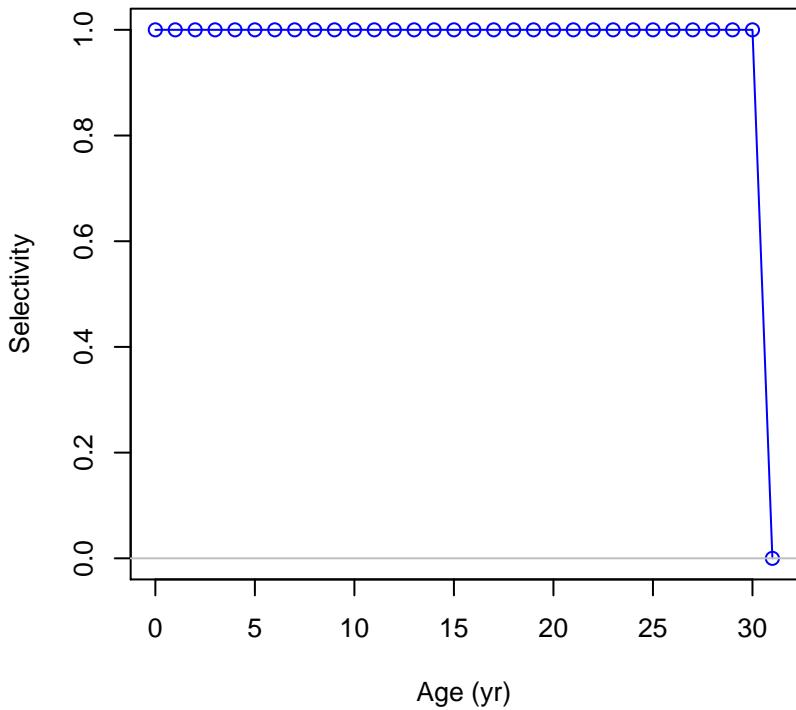
**Male ending year selectivity for S6\_JPN\_OBS**



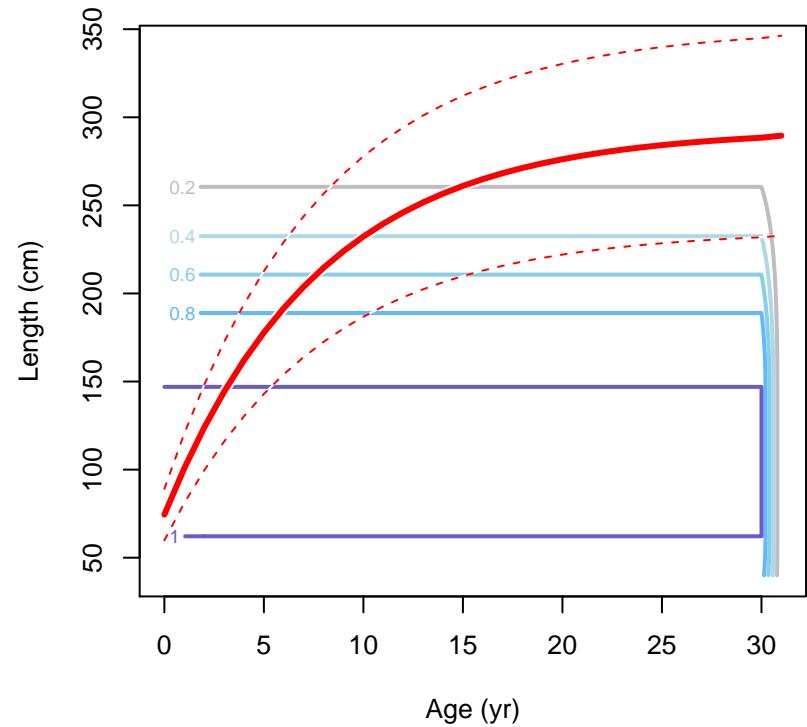
**Male ending year selectivity for S7\_JPN\_GEO**



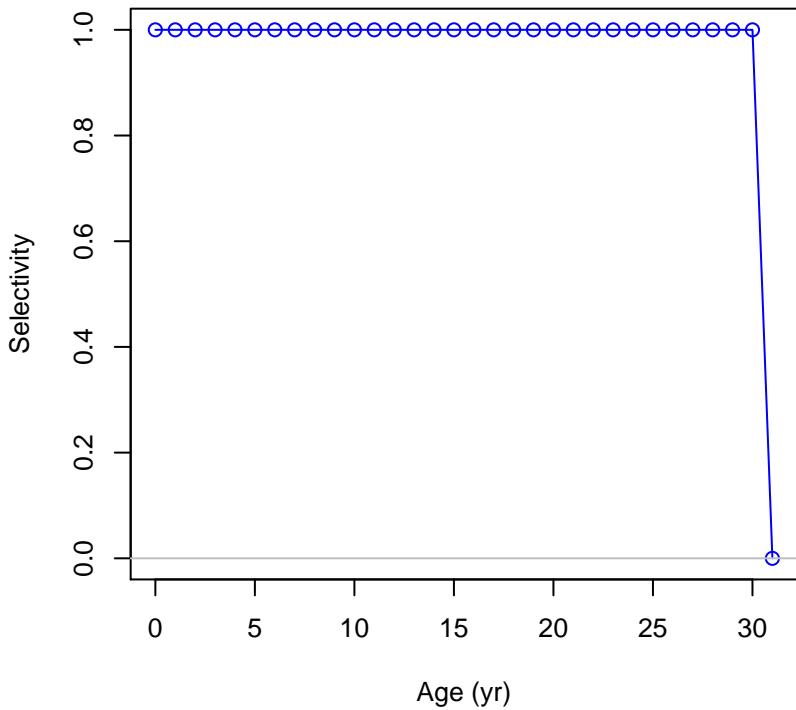
**Female ending year selectivity for S8\_MEX**



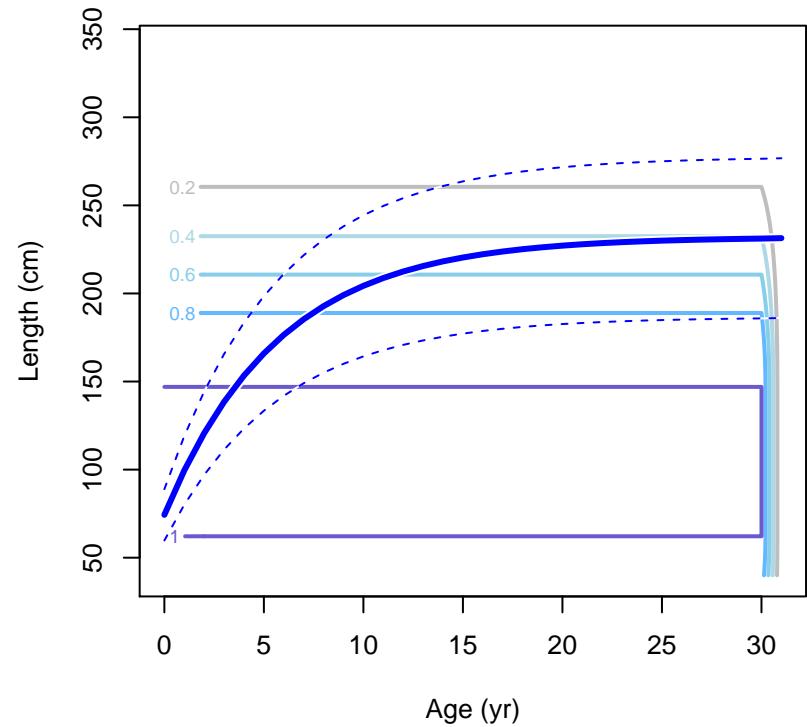
**Female ending year selectivity and growth for F1\_US\_CA**



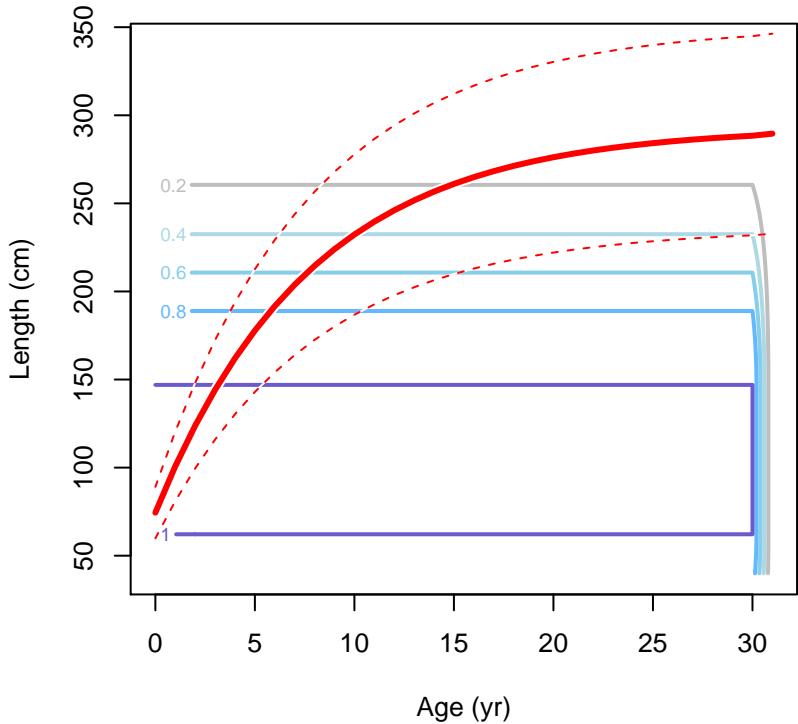
**Male ending year selectivity for S8\_MEX**



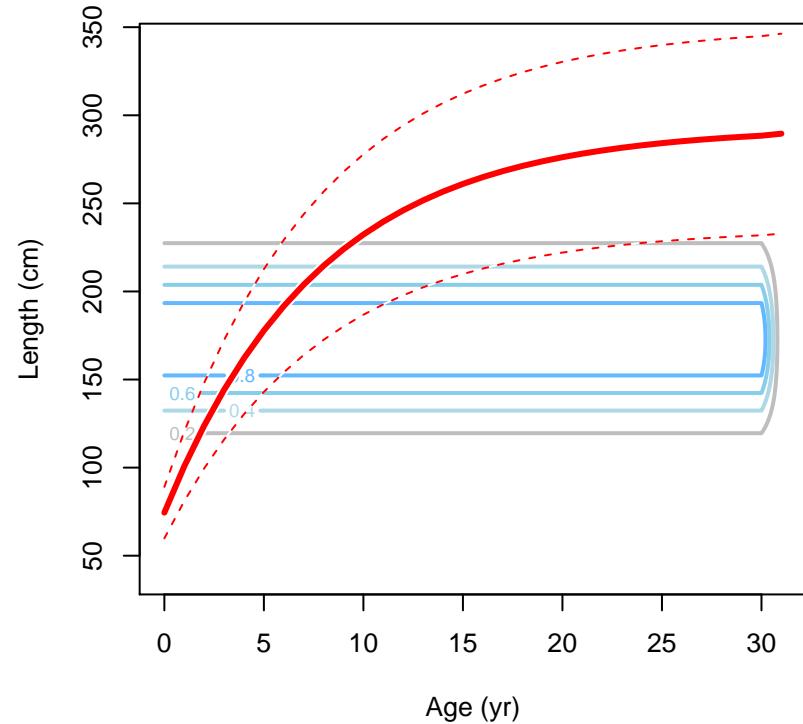
**Male ending year selectivity and growth for F1\_US\_CA**



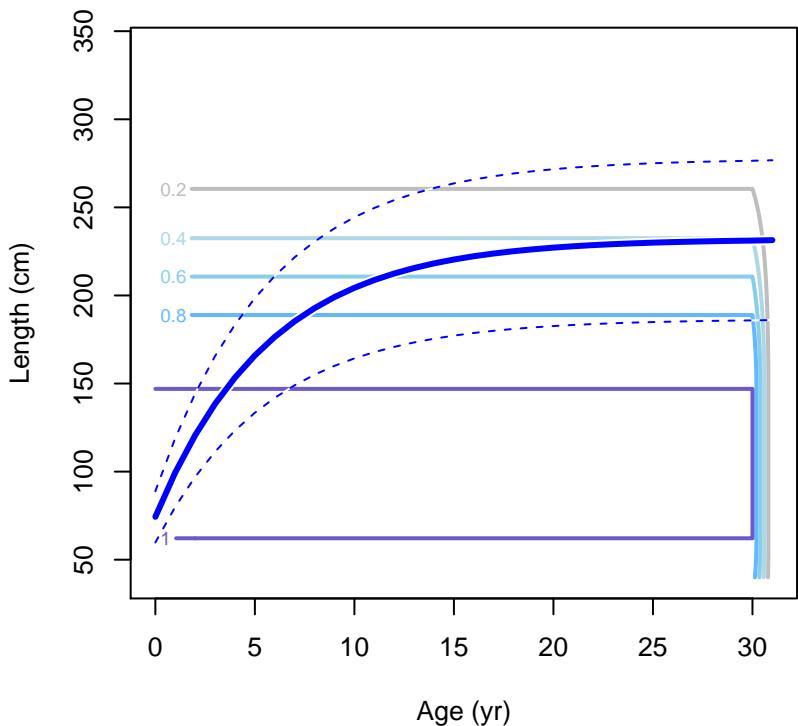
**Female ending year selectivity and growth for F2\_US\_HI\_SS**



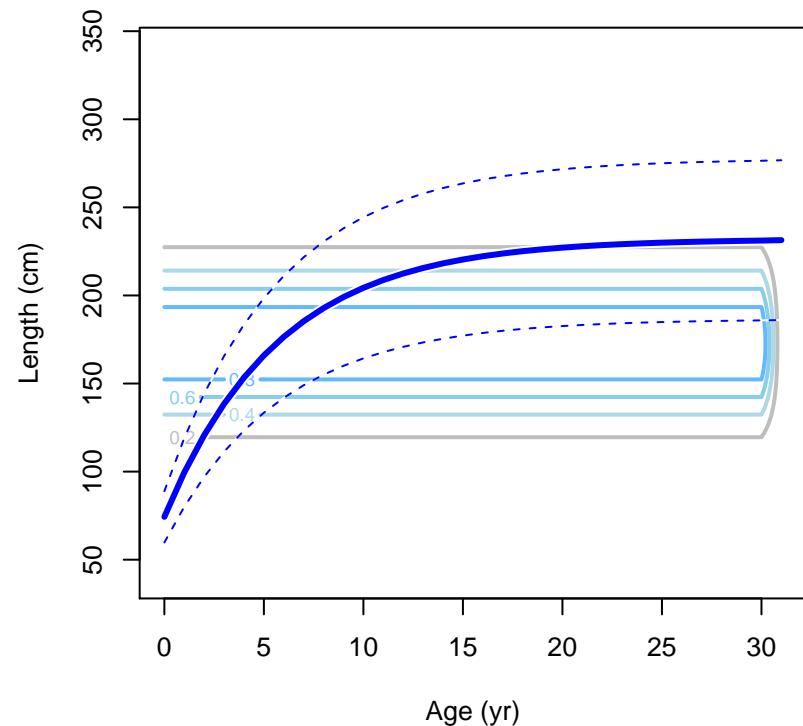
**Female ending year selectivity and growth for F3\_US\_HI\_DS**



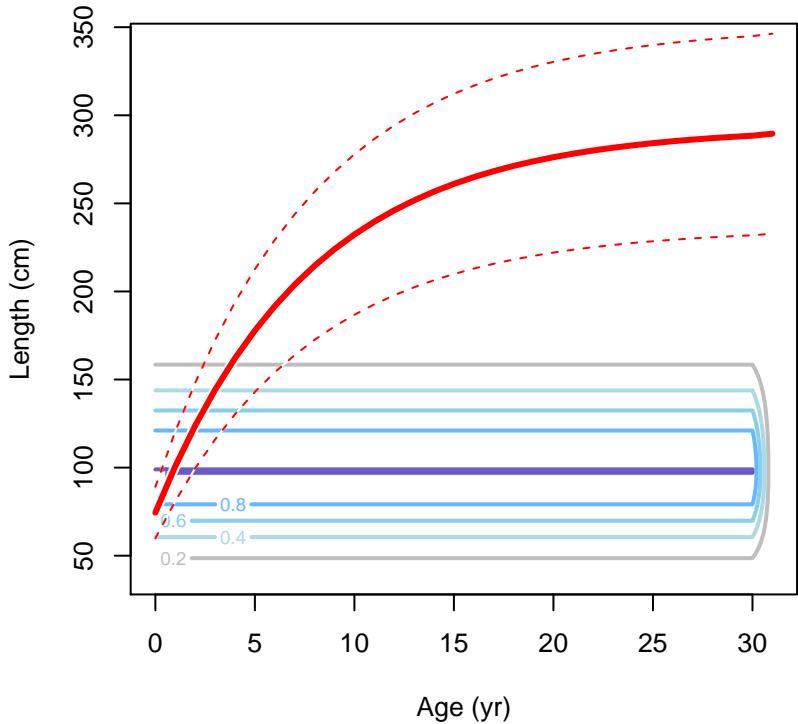
**Male ending year selectivity and growth for F2\_US\_HI\_SS**



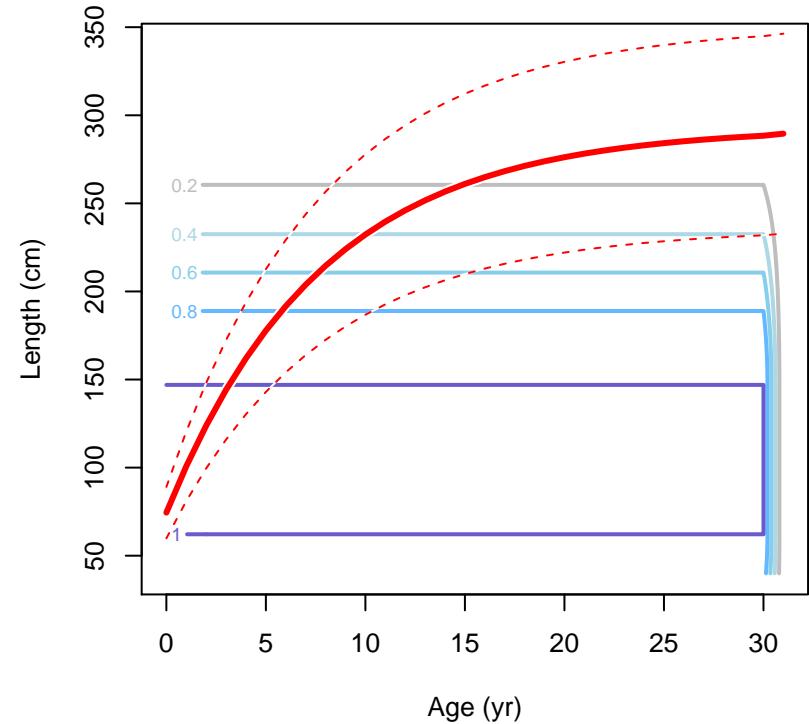
**Male ending year selectivity and growth for F3\_US\_HI\_DS**



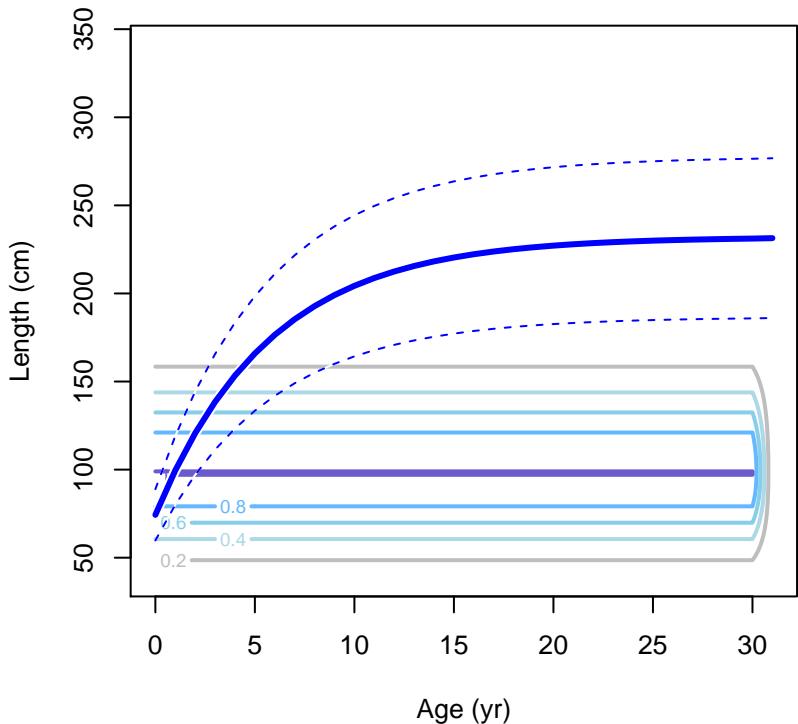
**Female ending year selectivity and growth for F4\_US\_DGN**



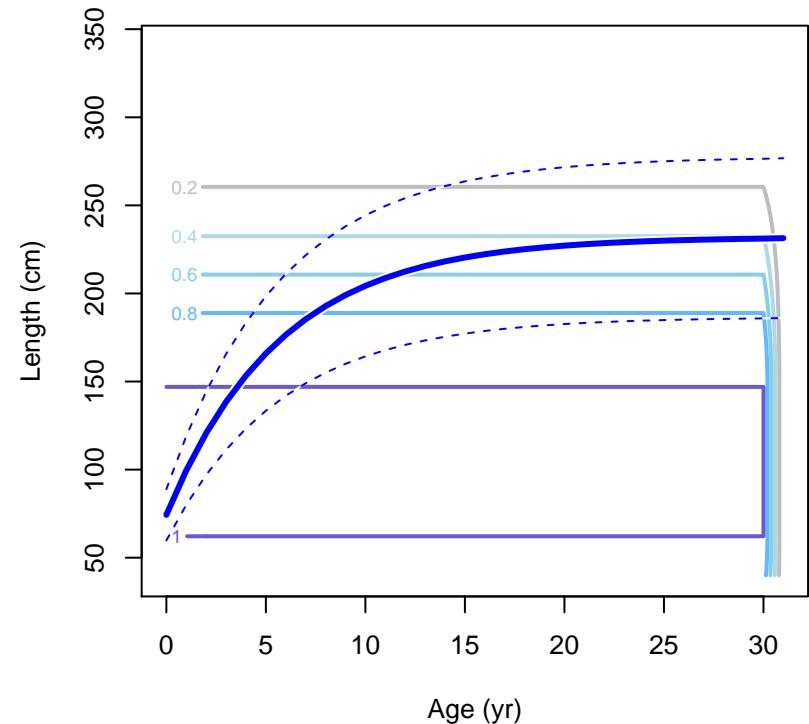
**Female ending year selectivity and growth for F5\_US\_REC**



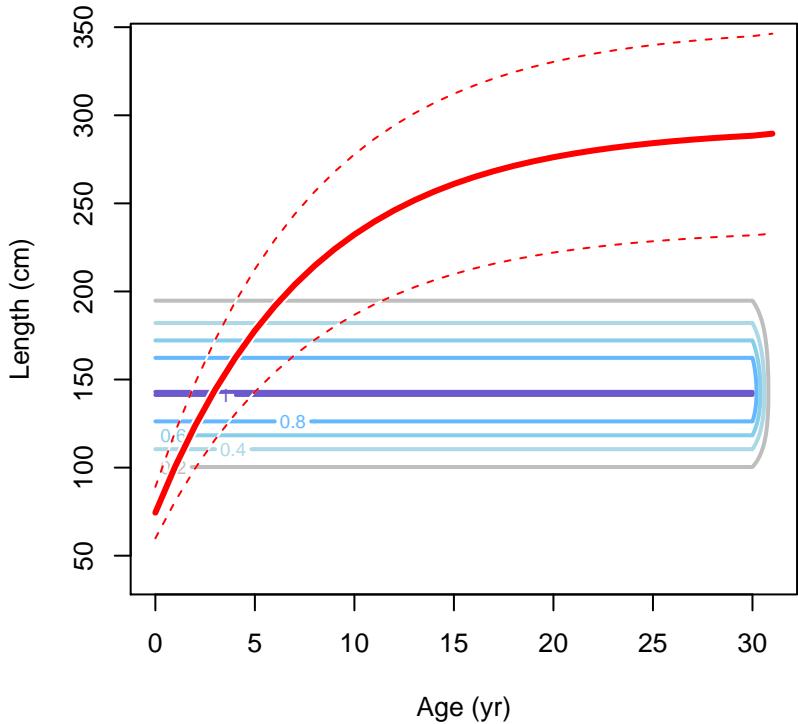
**Male ending year selectivity and growth for F4\_US\_DGN**



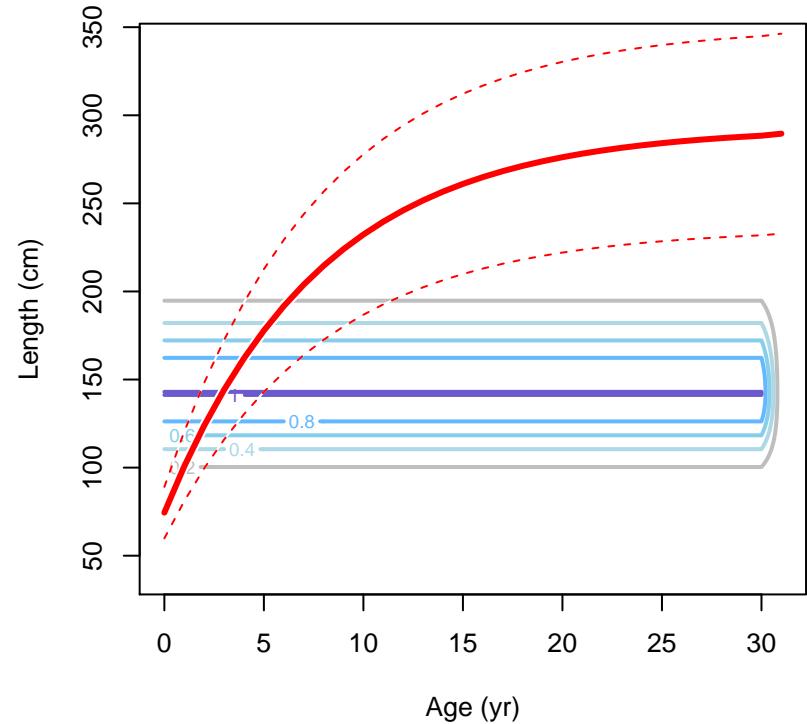
**Male ending year selectivity and growth for F5\_US\_REC**



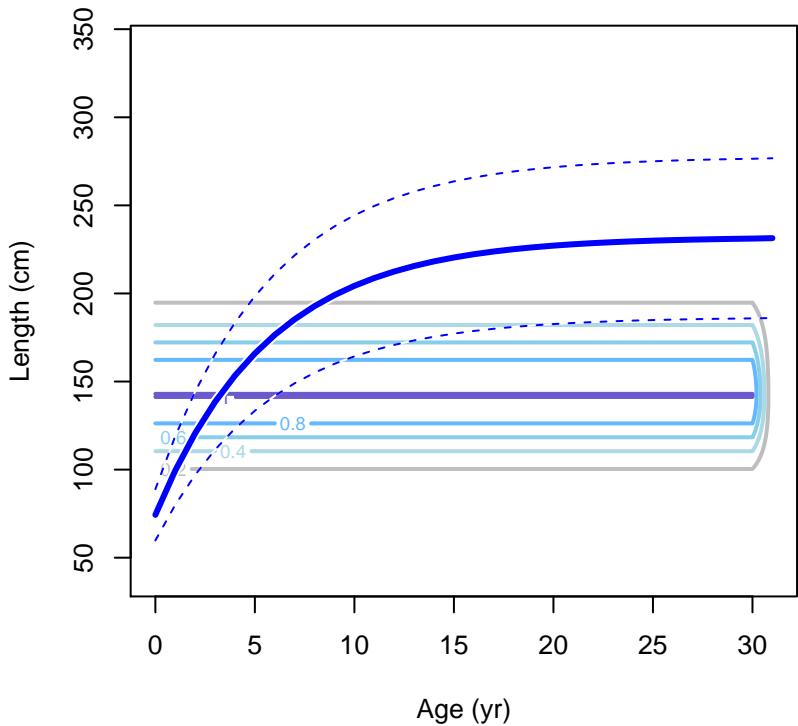
**Female ending year selectivity and growth for F6\_TW\_LRG\_N**



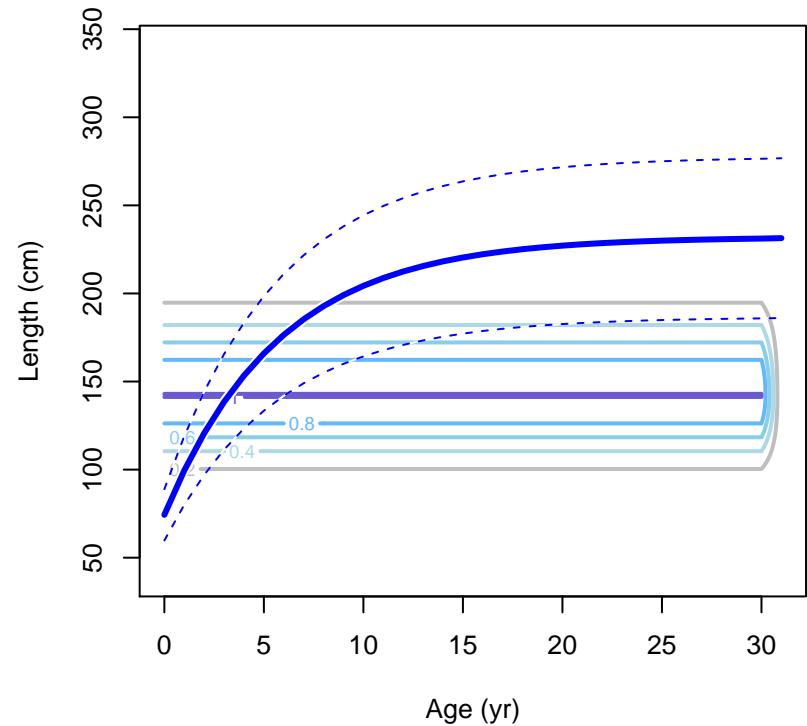
**Female ending year selectivity and growth for F7\_TW\_LRG\_S**



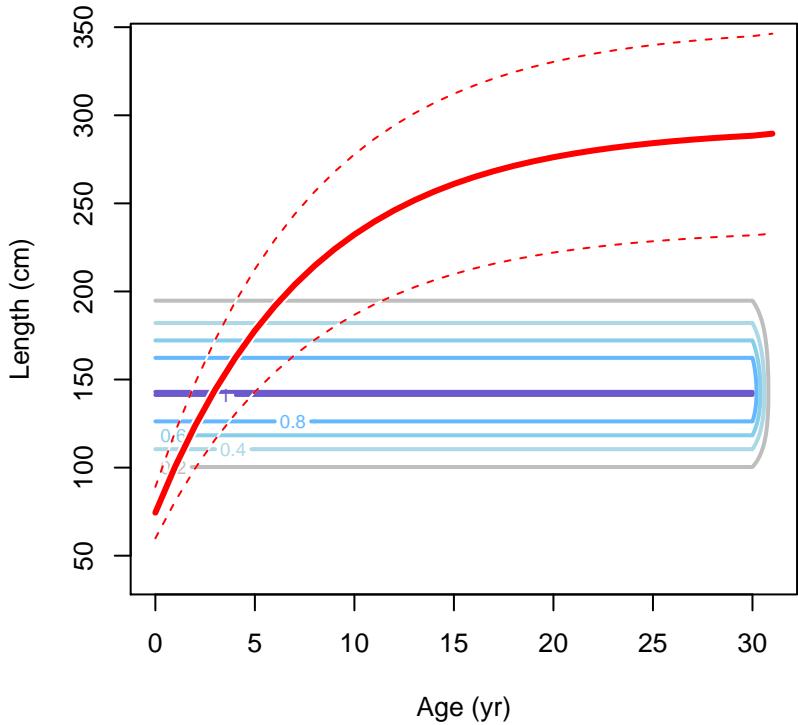
**Male ending year selectivity and growth for F6\_TW\_LRG\_N**



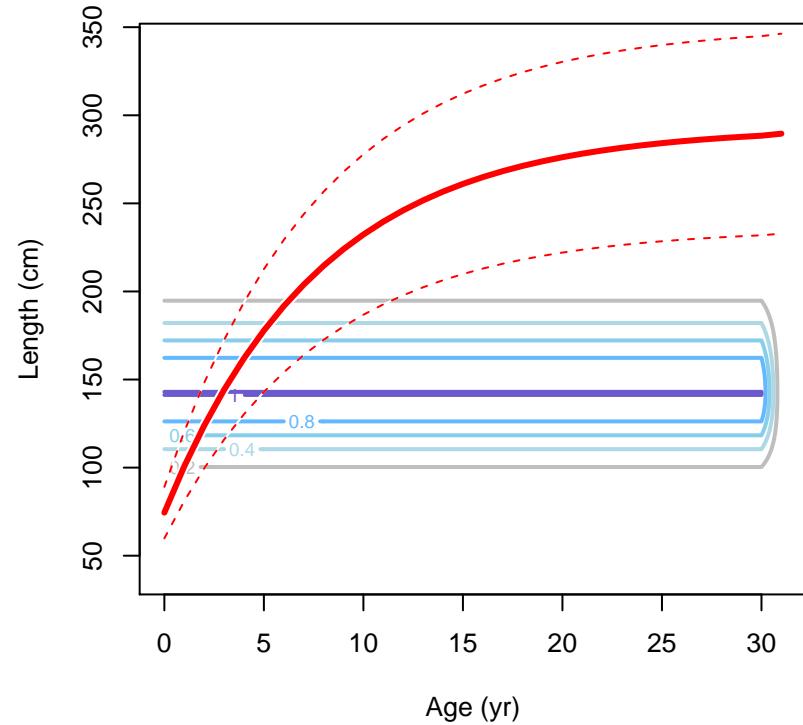
**Male ending year selectivity and growth for F7\_TW\_LRG\_S**



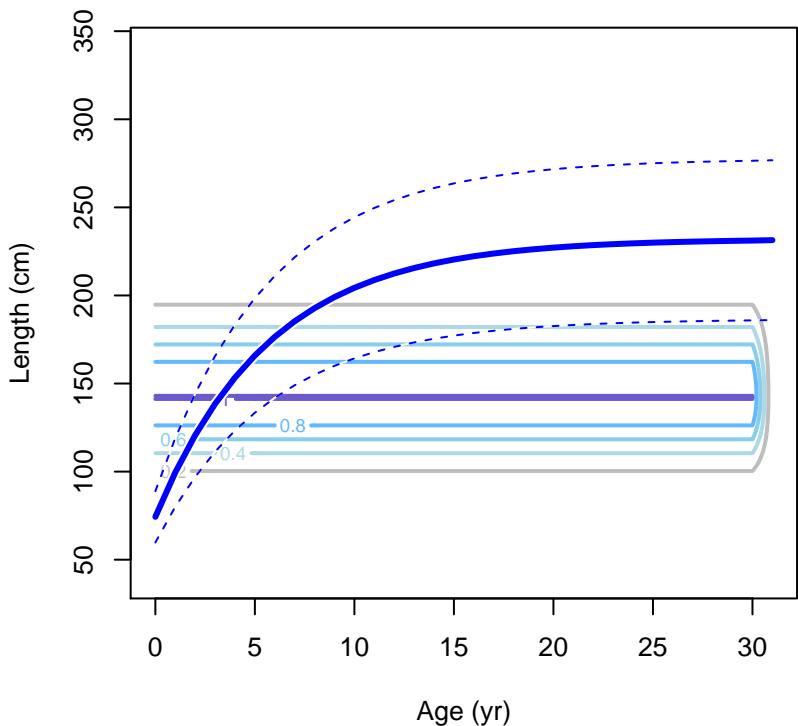
**Female ending year selectivity and growth for F8\_TW\_SML**



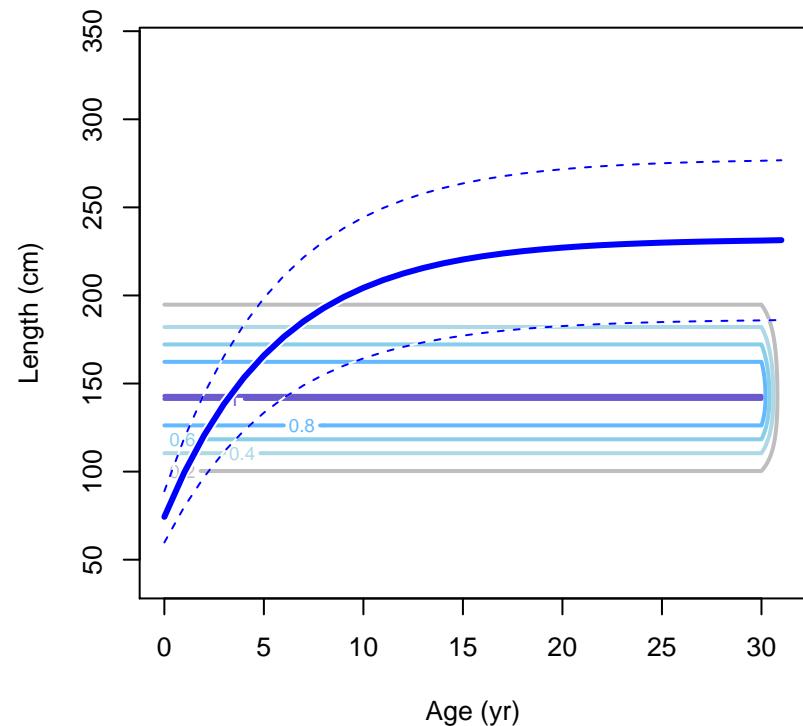
**Female ending year selectivity and growth for F9\_JPN\_SS**



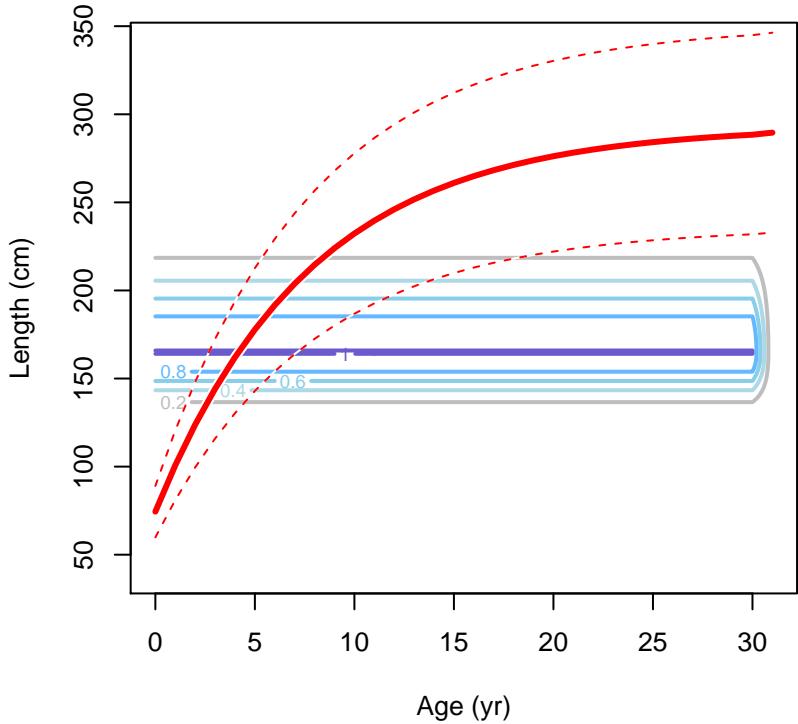
**Male ending year selectivity and growth for F8\_TW\_SML**



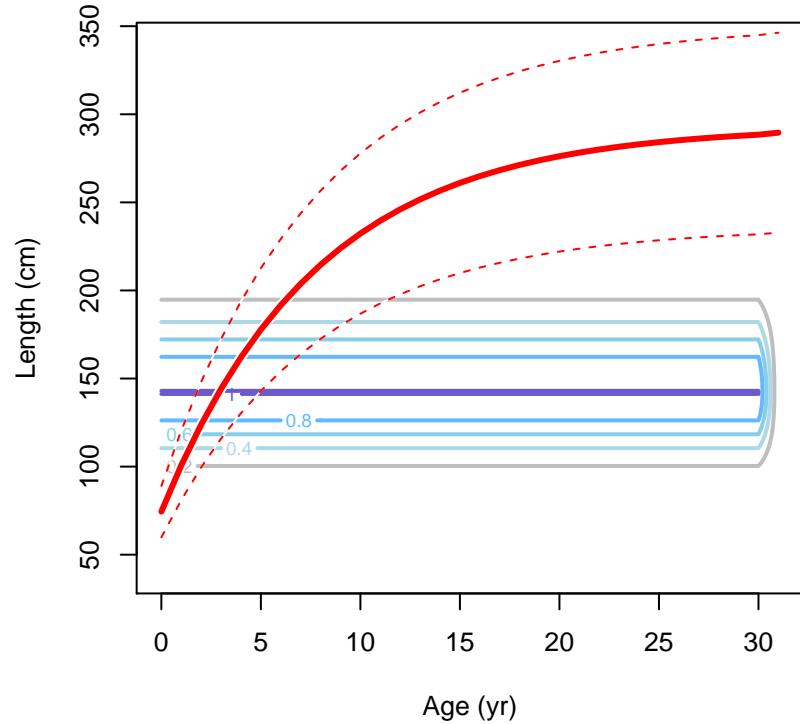
**Male ending year selectivity and growth for F9\_JPN\_SS**



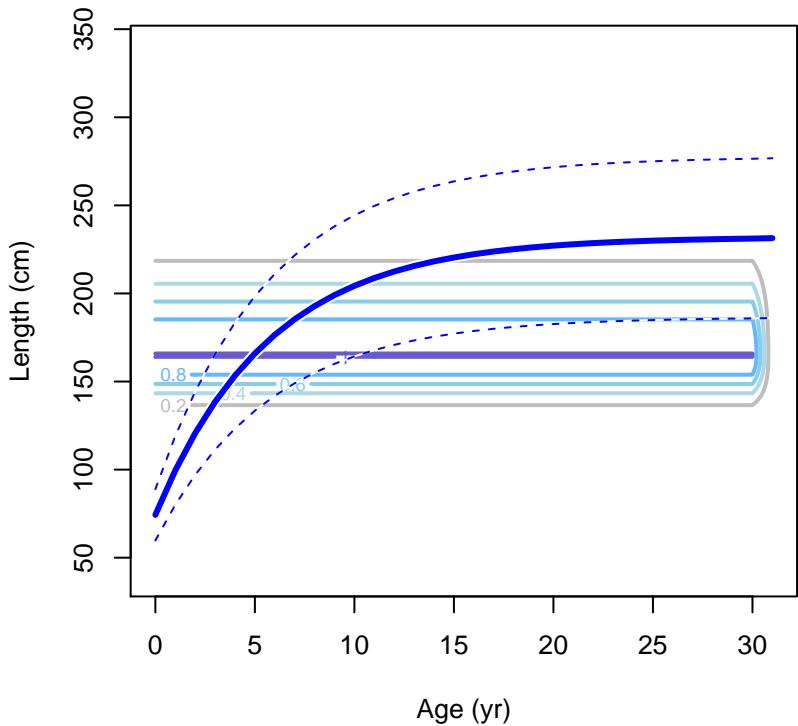
**Female ending year selectivity and growth for F10\_JPN\_DS**



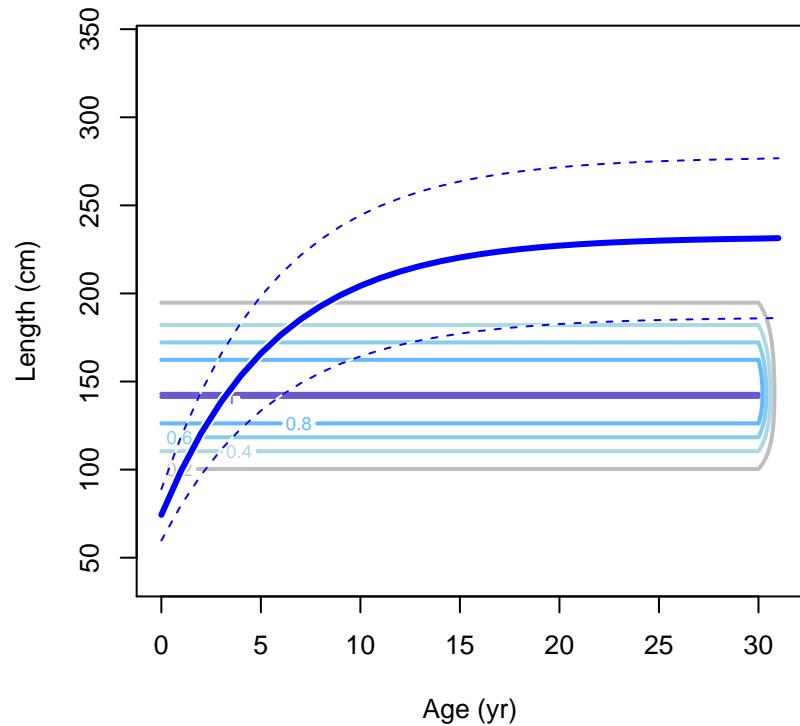
**Female ending year selectivity and growth for F11\_JPN\_CST**



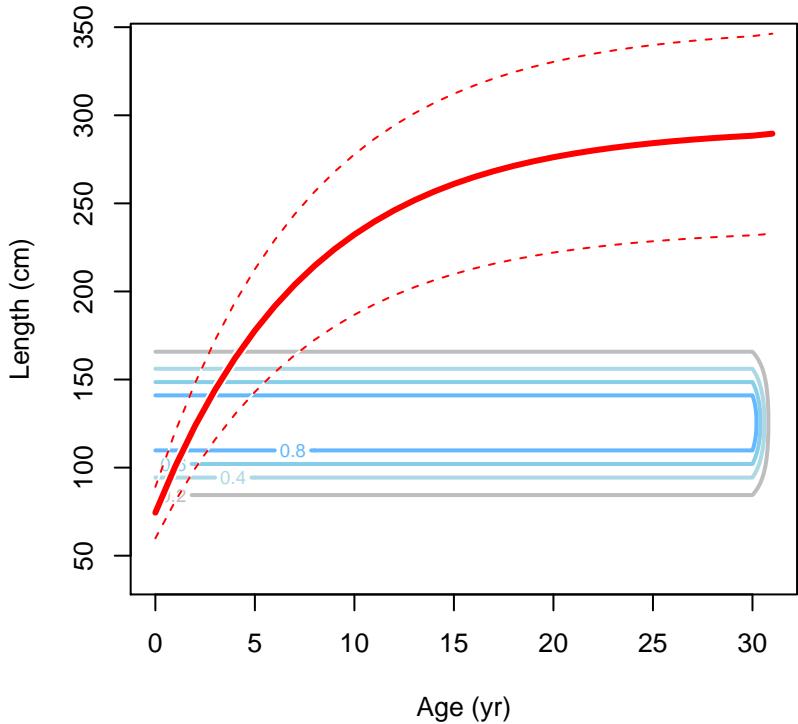
**Male ending year selectivity and growth for F10\_JPN\_DS**



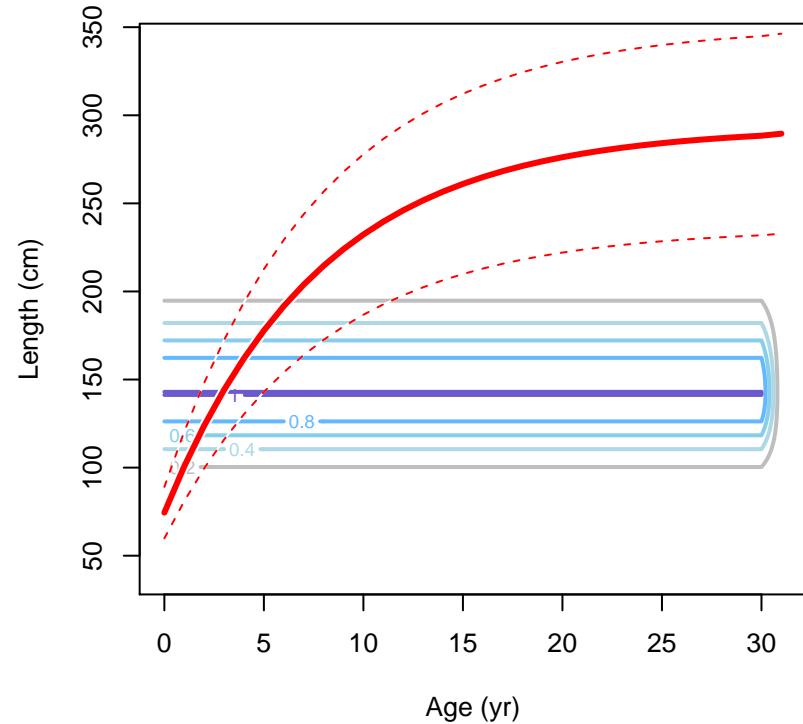
**Male ending year selectivity and growth for F11\_JPN\_CST**



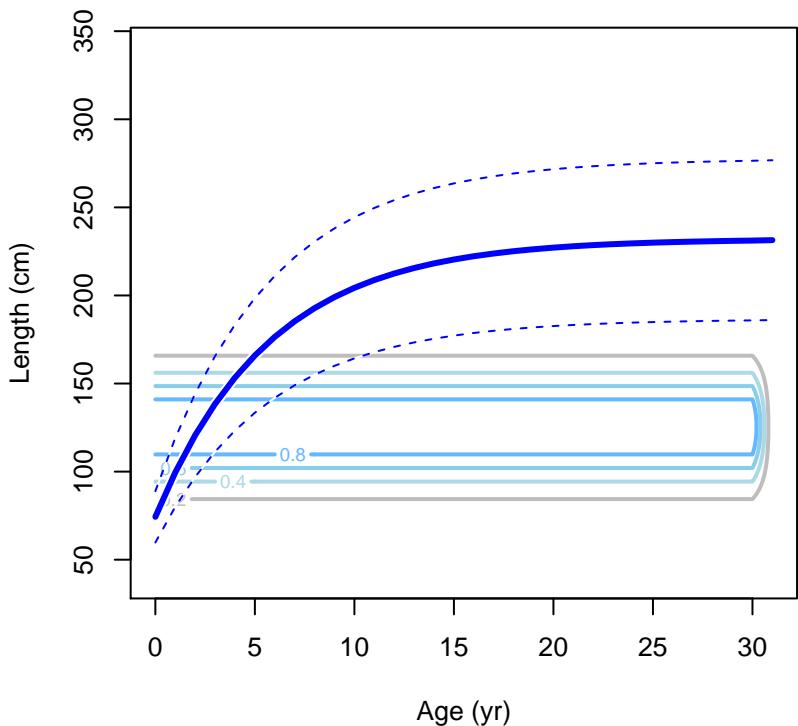
**Female ending year selectivity and growth for F12\_JPN\_DFN**



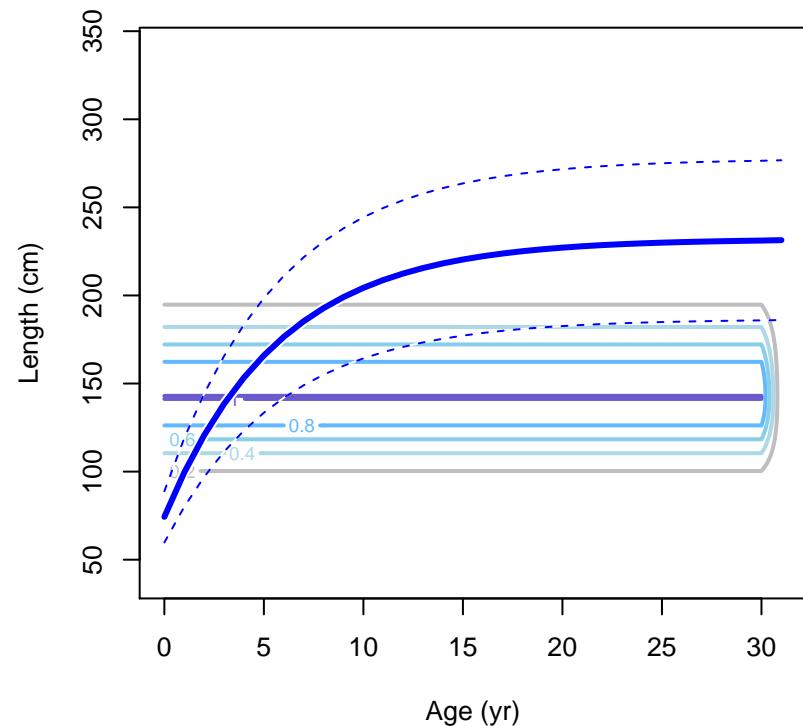
**Female ending year selectivity and growth for F13\_JPN\_OTH**



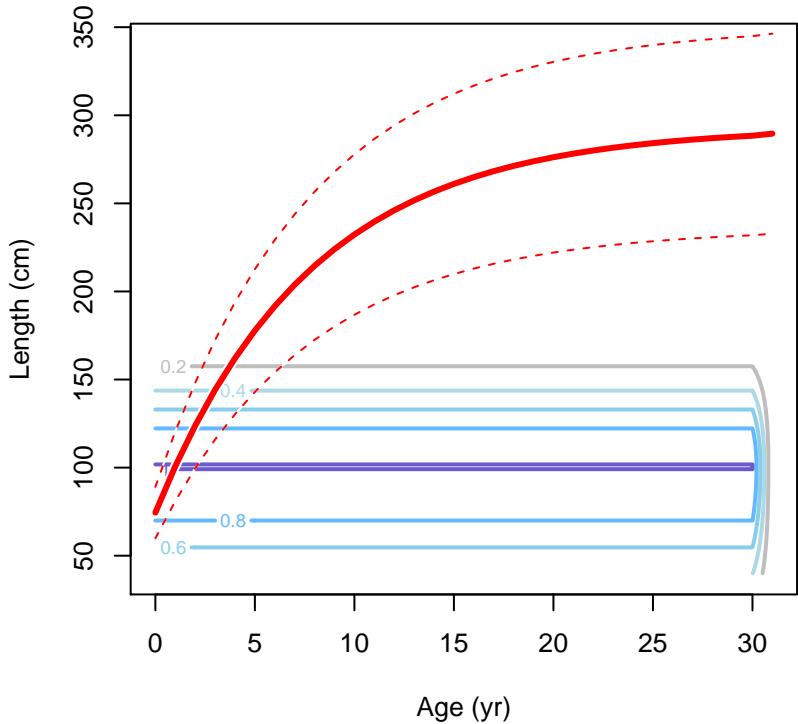
**Male ending year selectivity and growth for F12\_JPN\_DFN**



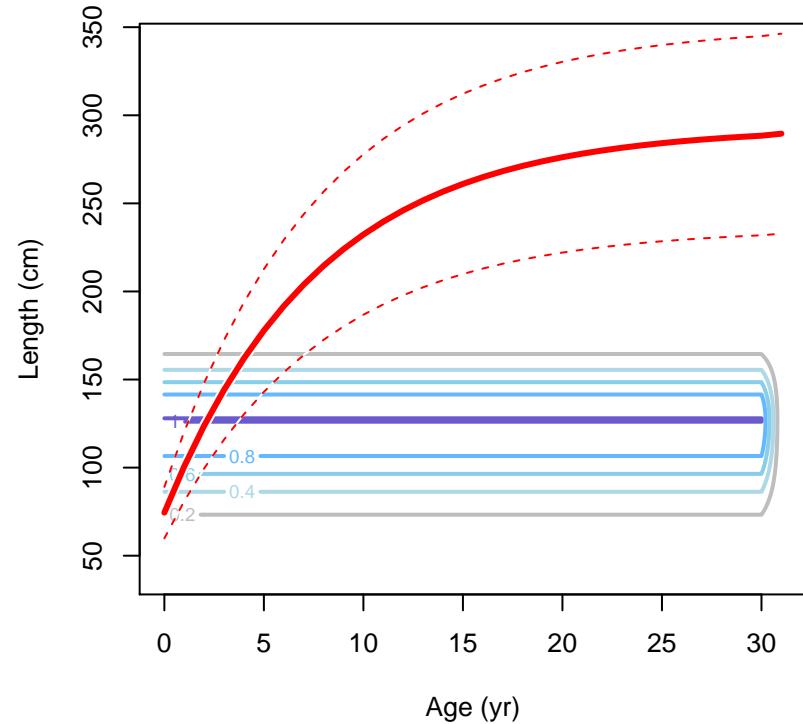
**Male ending year selectivity and growth for F13\_JPN\_OTH**



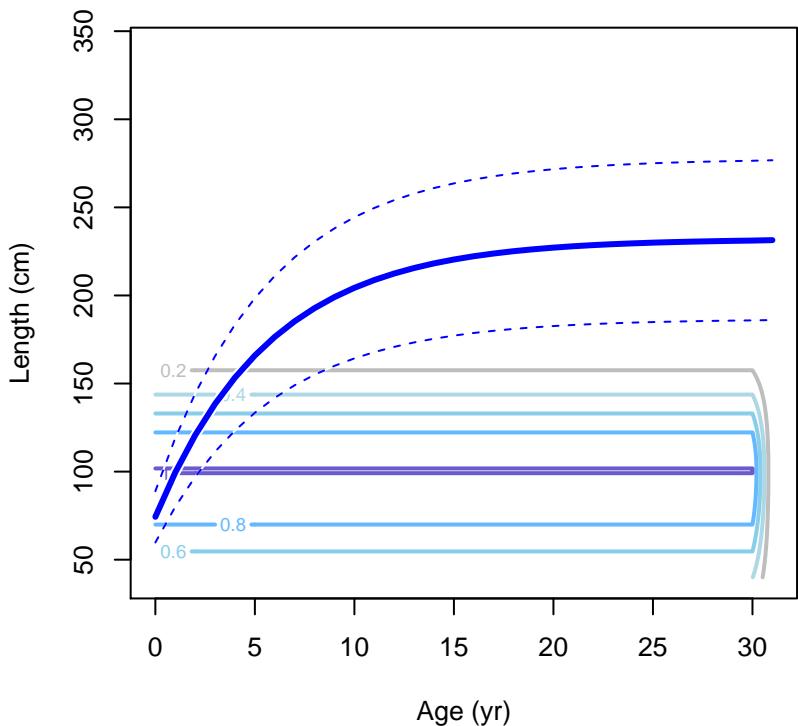
**Female ending year selectivity and growth for F14\_MEX\_NOR**



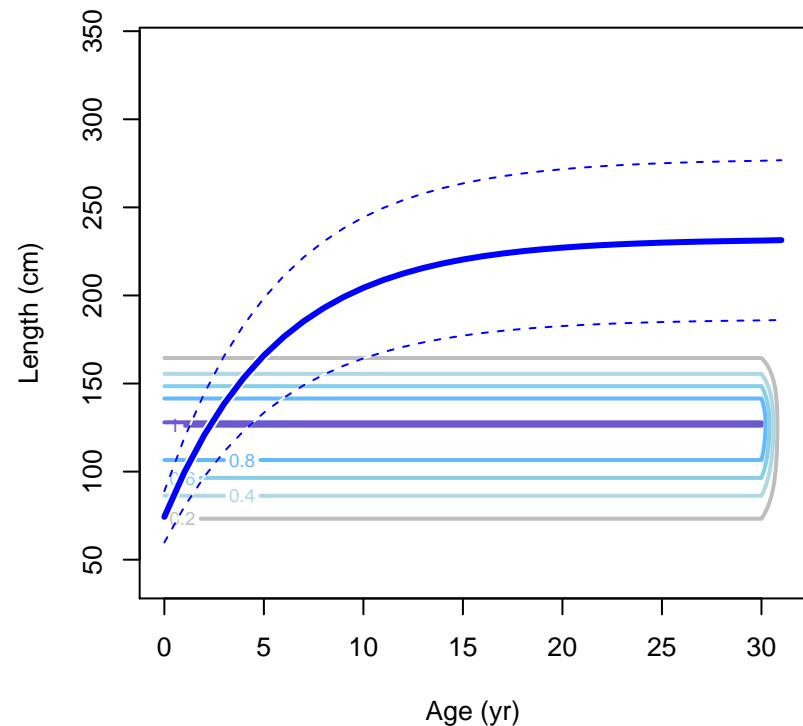
**Female ending year selectivity and growth for F15\_MEX\_SOUL**



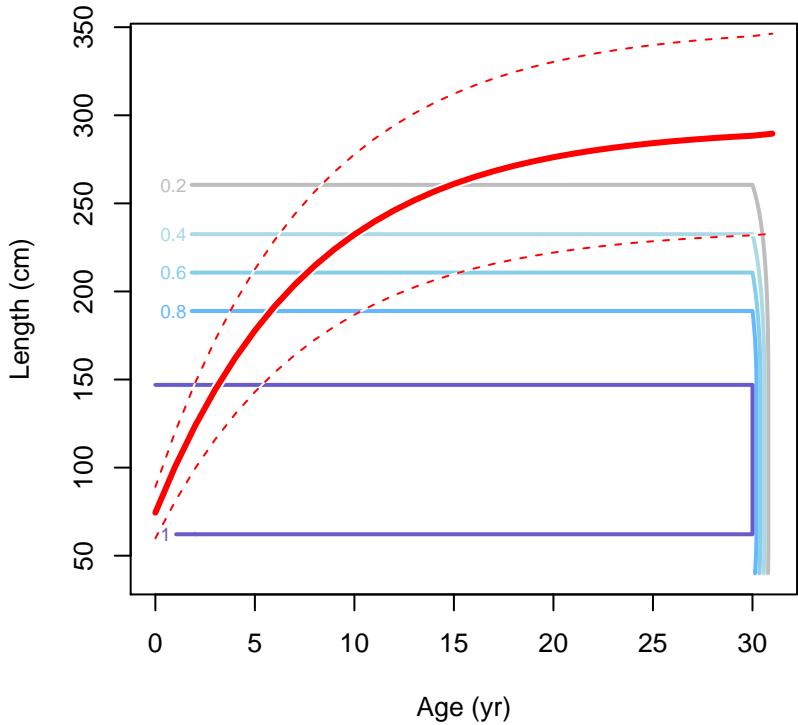
**Male ending year selectivity and growth for F14\_MEX\_NOR**



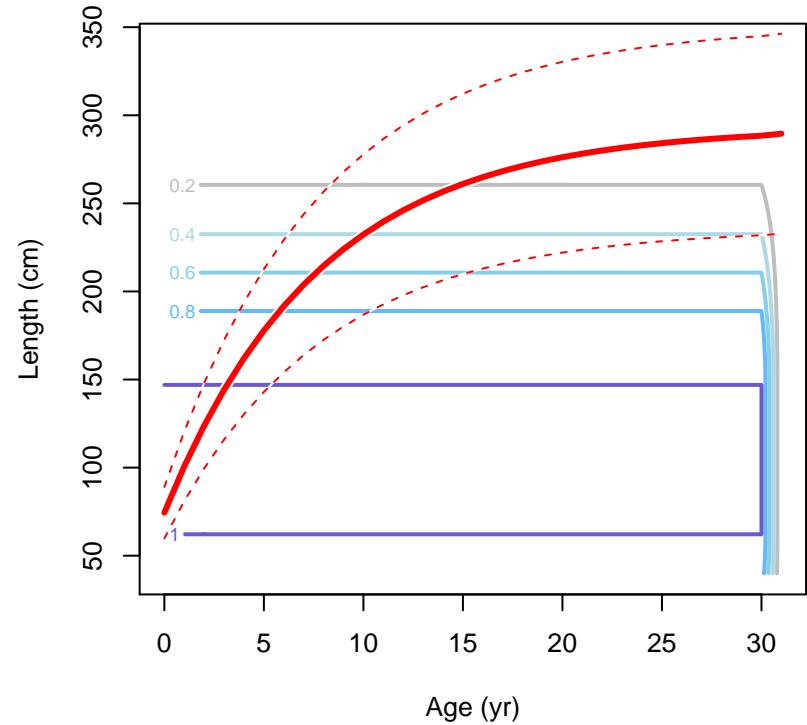
**Male ending year selectivity and growth for F15\_MEX\_SOUL**



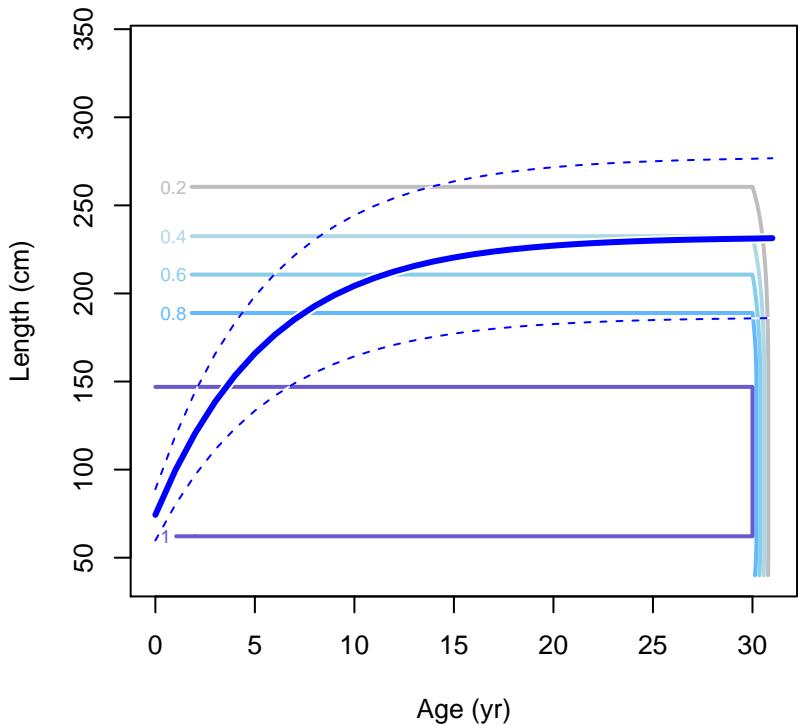
**Female ending year selectivity and growth for F16\_WCPFC**



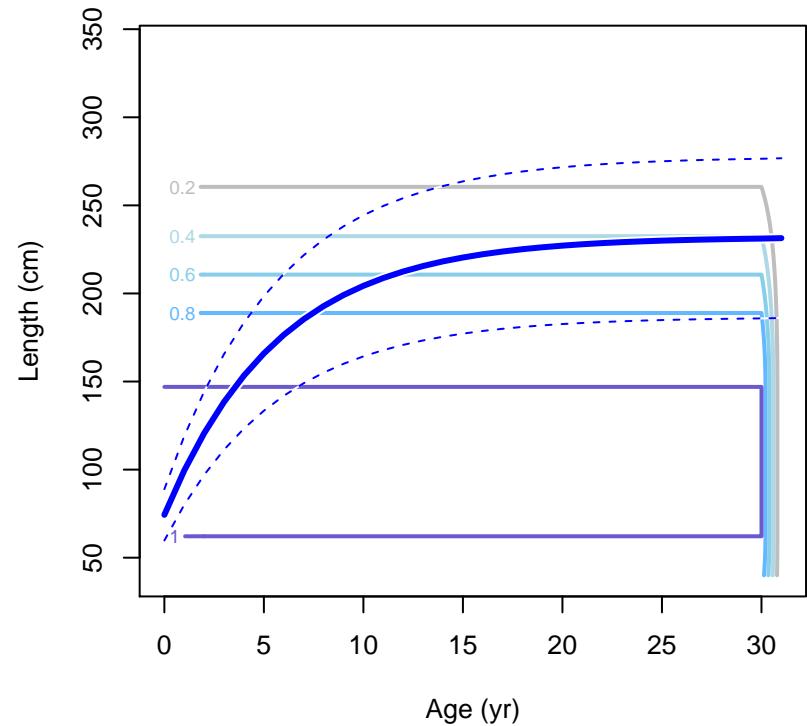
**Female ending year selectivity and growth for F17\_IATTC**



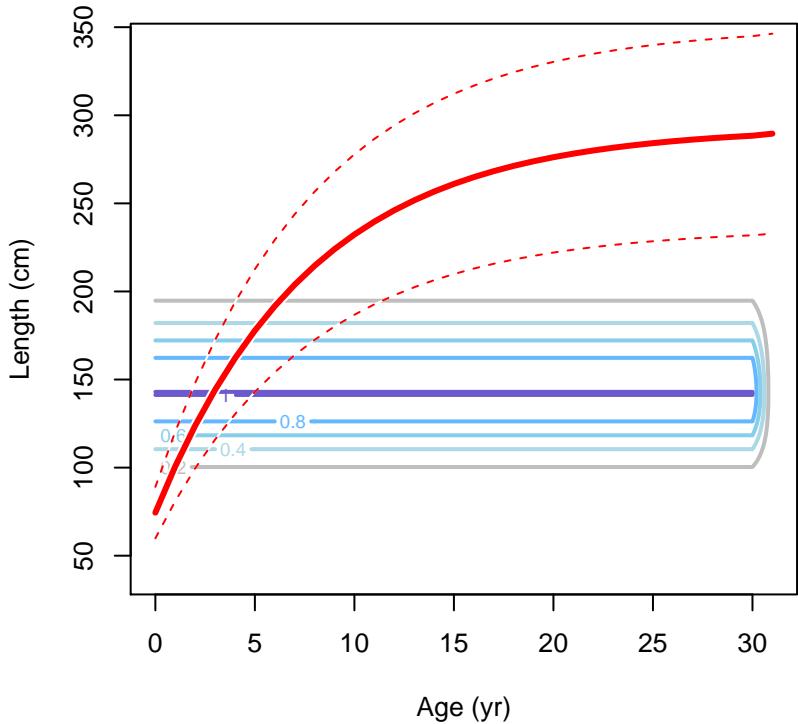
**Male ending year selectivity and growth for F16\_WCPFC**



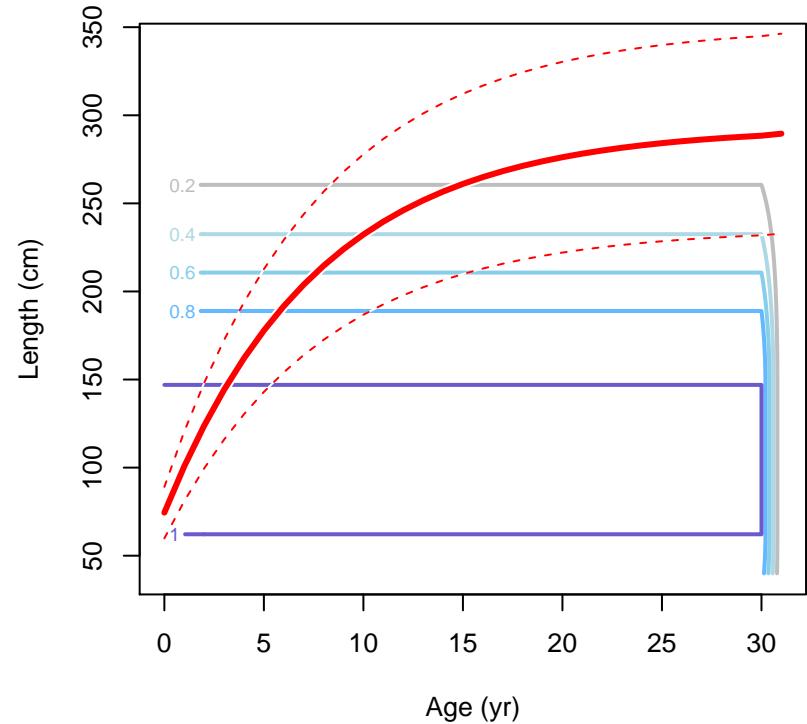
**Male ending year selectivity and growth for F17\_IATTC**



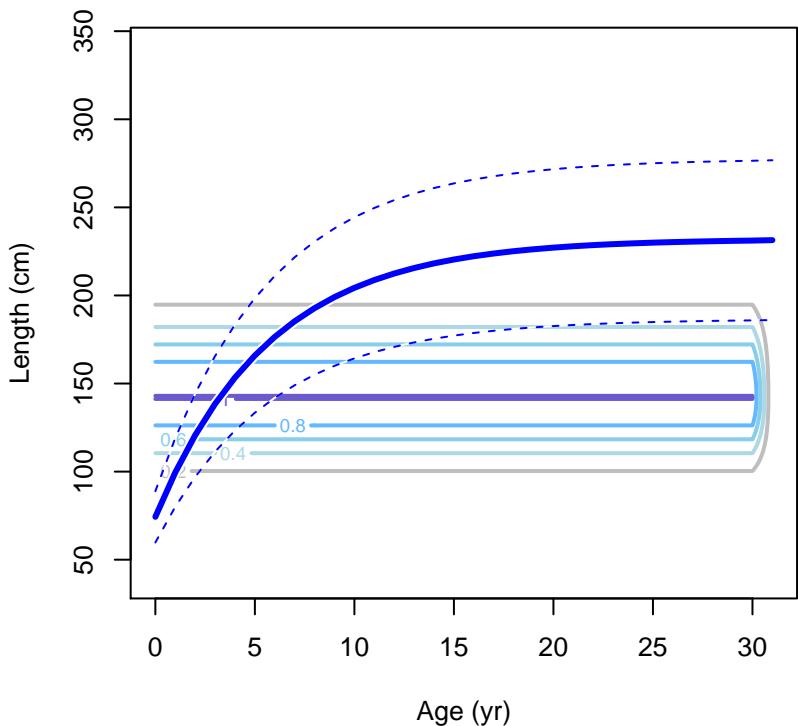
**Female ending year selectivity and growth for F18\_JPN\_SSII**



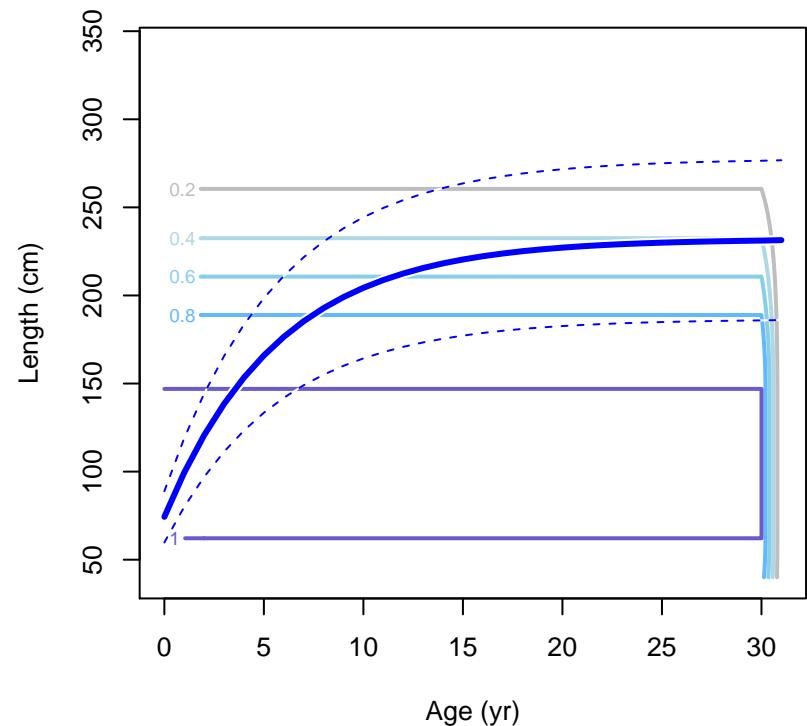
**Female ending year selectivity and growth for S1\_US\_SS**



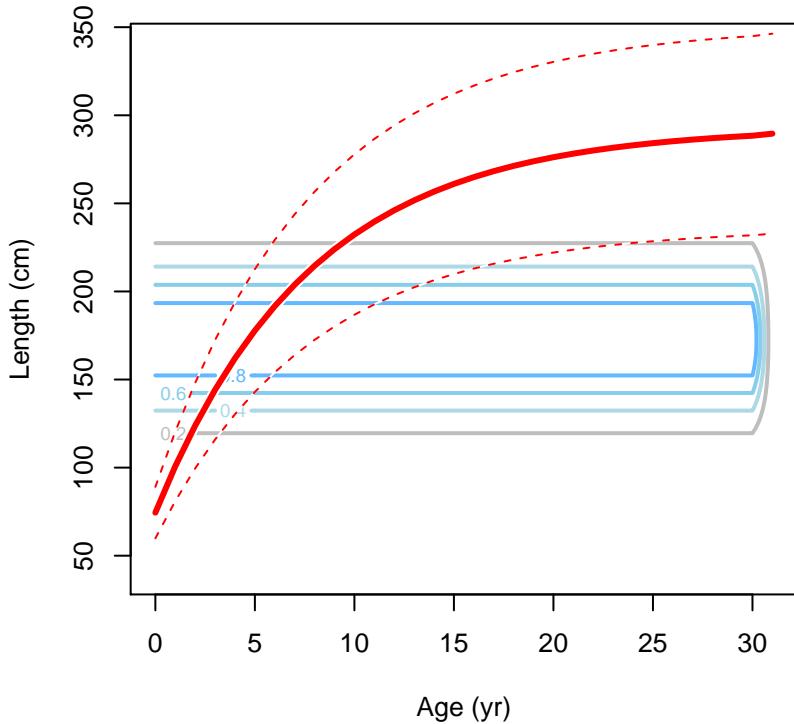
**Male ending year selectivity and growth for F18\_JPN\_SSII**



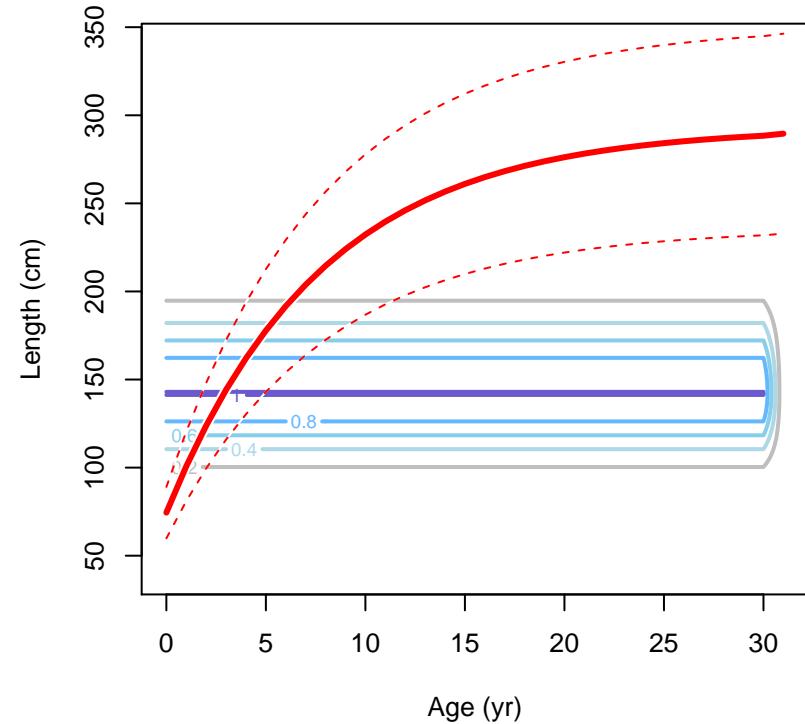
**Male ending year selectivity and growth for S1\_US\_SS**



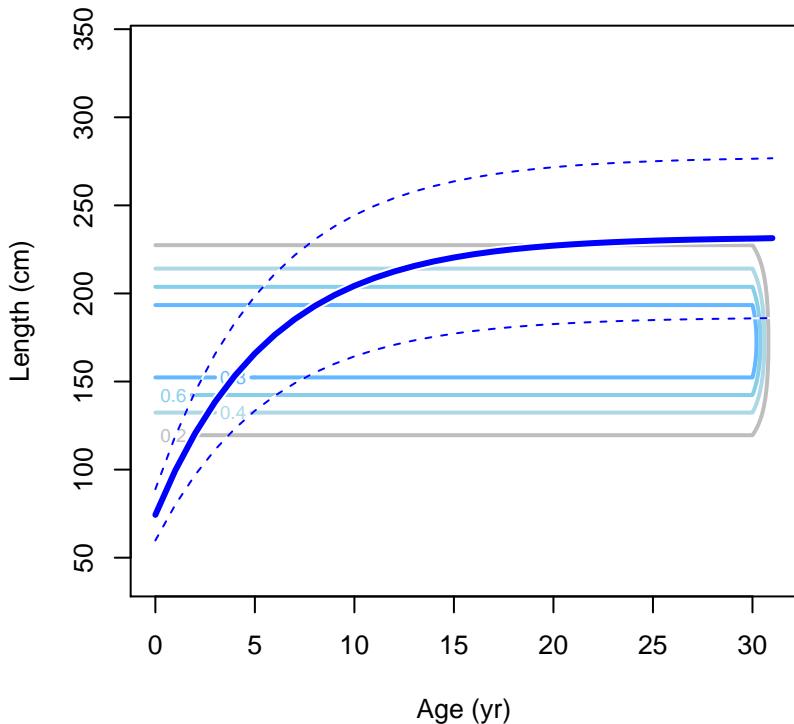
**Female ending year selectivity and growth for S2\_US\_DS**



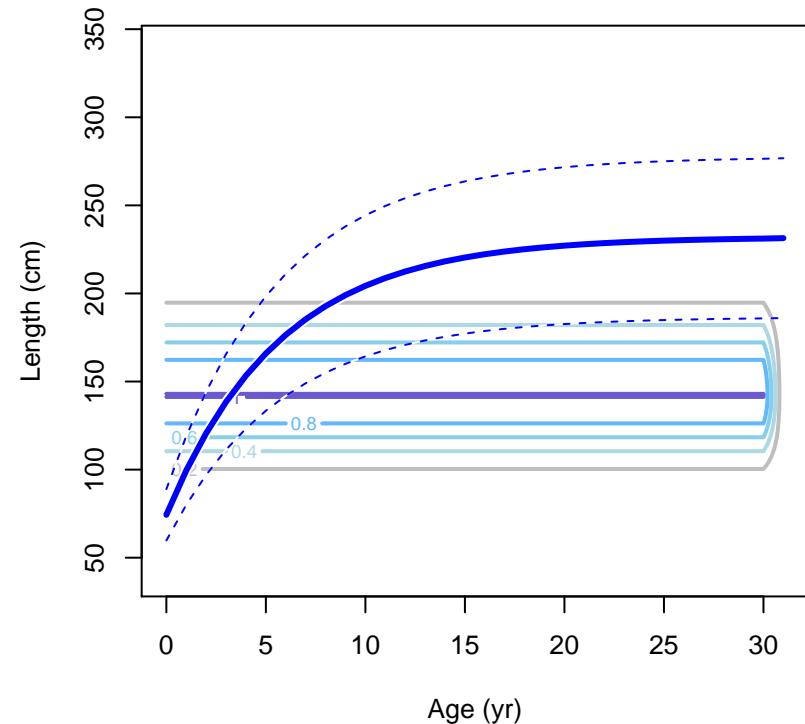
**Female ending year selectivity and growth for S3\_TW\_LRG**



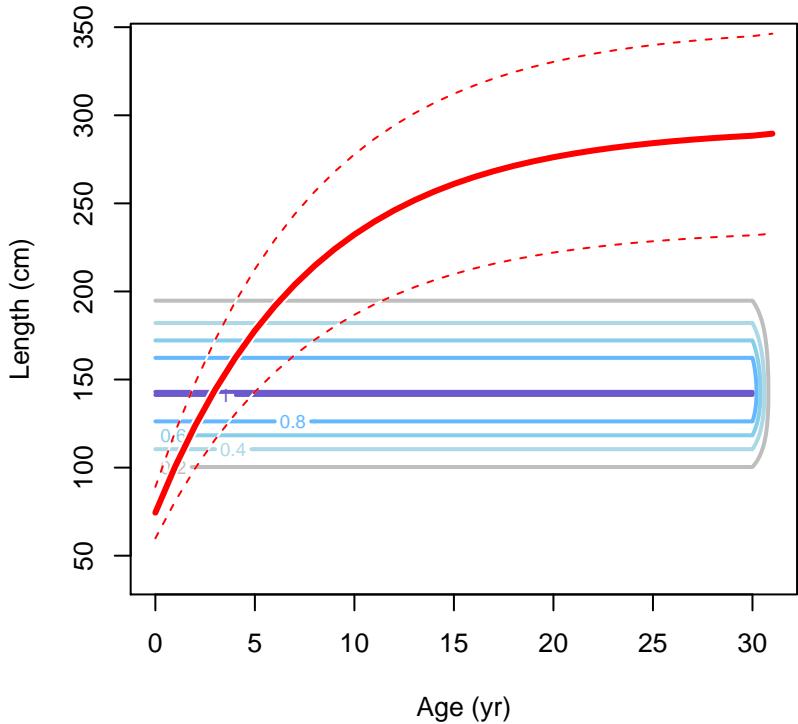
**Male ending year selectivity and growth for S2\_US\_DS**



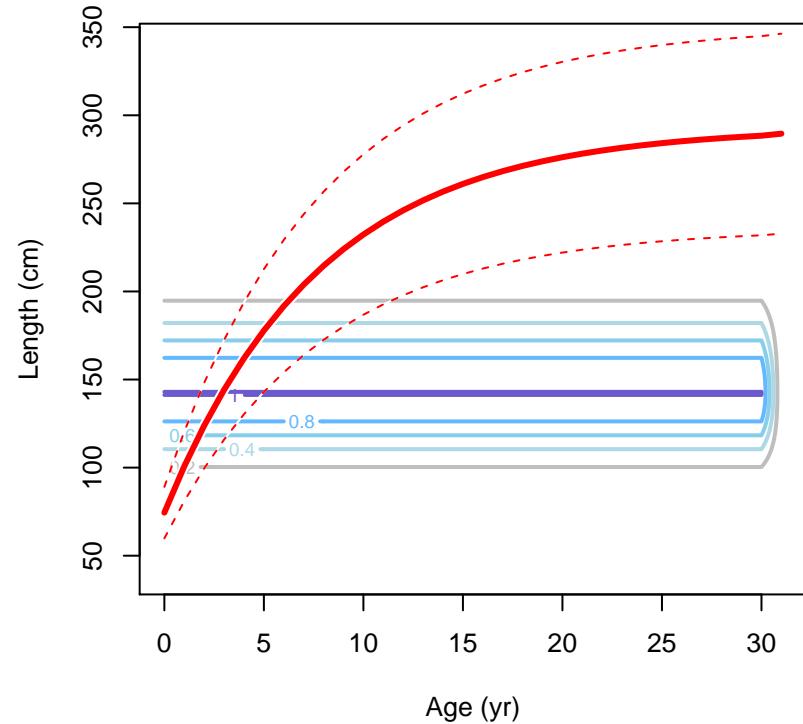
**Male ending year selectivity and growth for S3\_TW\_LRG**



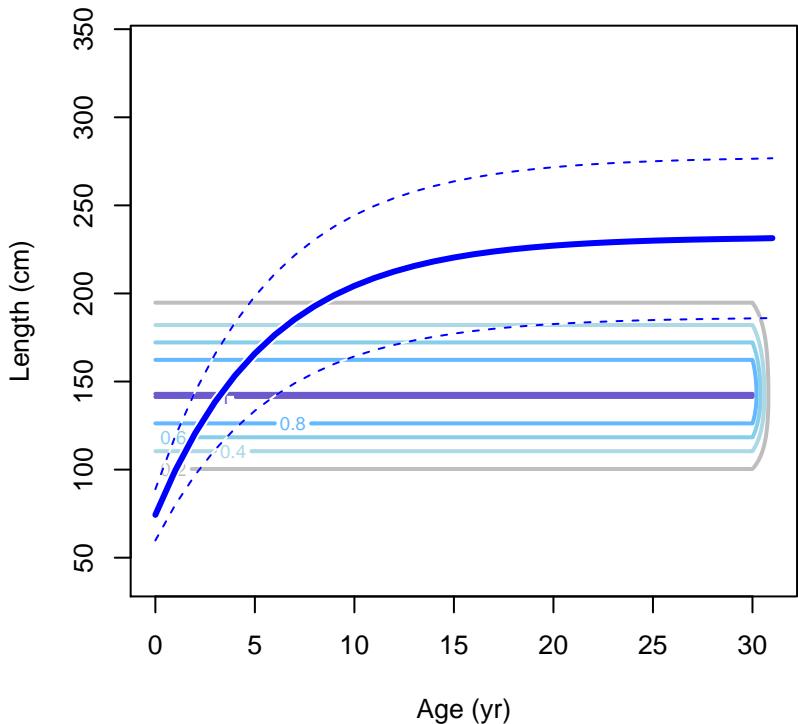
**Female ending year selectivity and growth for S4\_JPN\_SS**



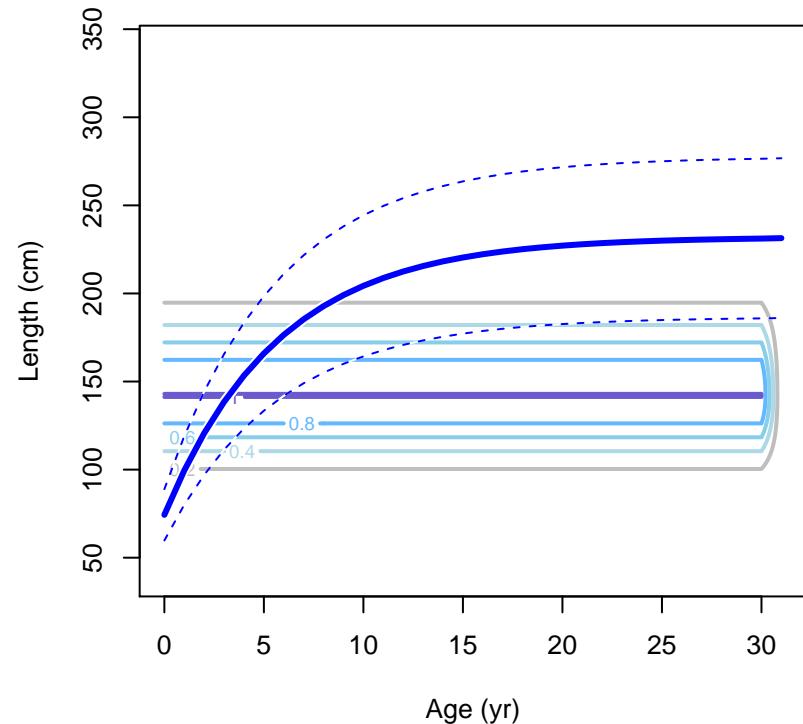
**Female ending year selectivity and growth for S5\_JPN\_RTV**



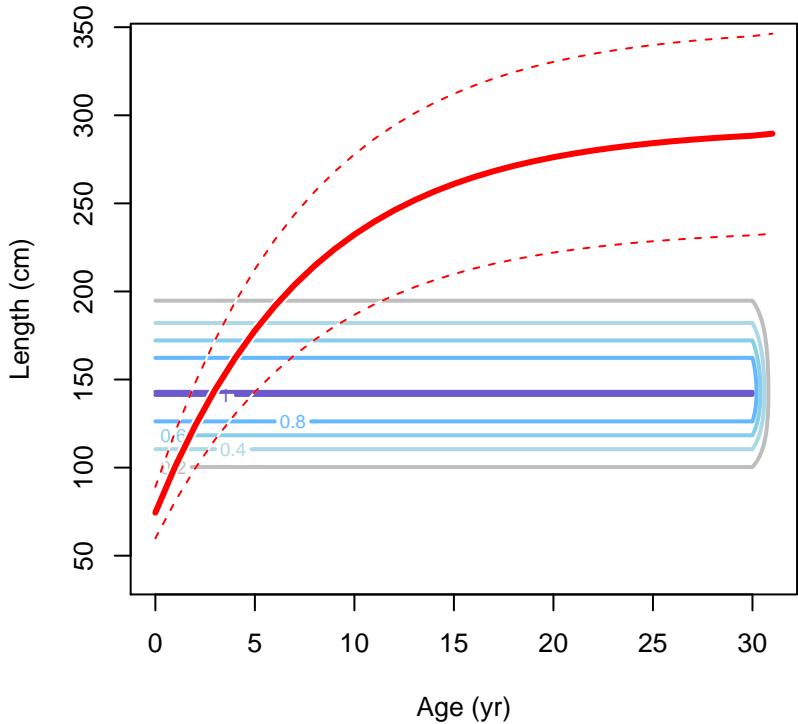
**Male ending year selectivity and growth for S4\_JPN\_SS**



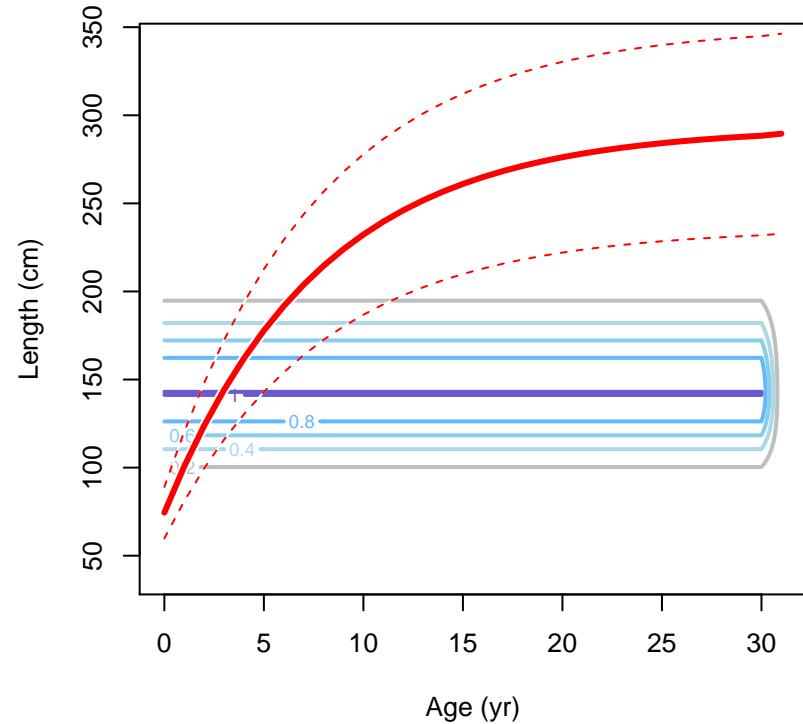
**Male ending year selectivity and growth for S5\_JPN\_RTV**



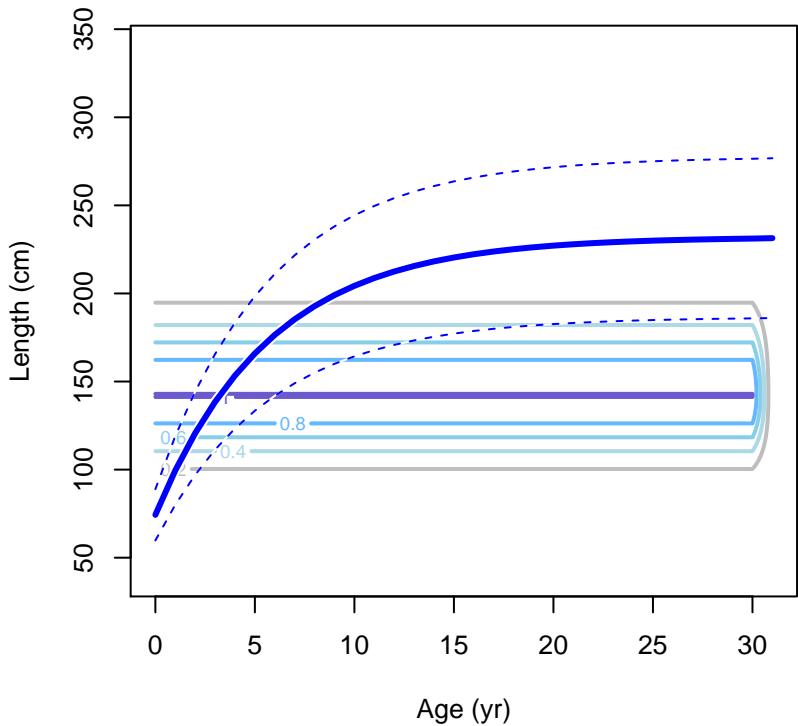
**Female ending year selectivity and growth for S6\_JPN\_OBS**



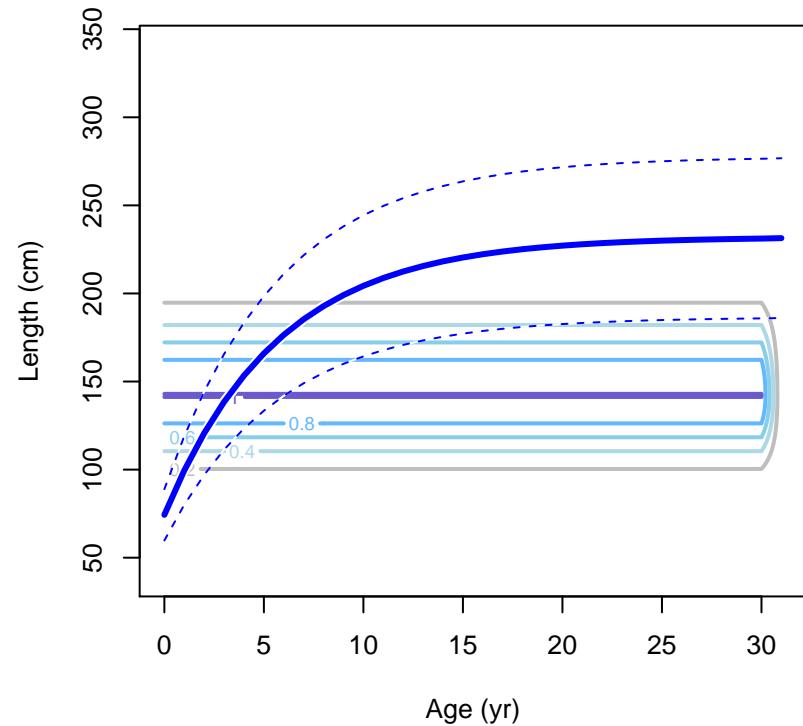
**Female ending year selectivity and growth for S7\_JPN\_GEO**



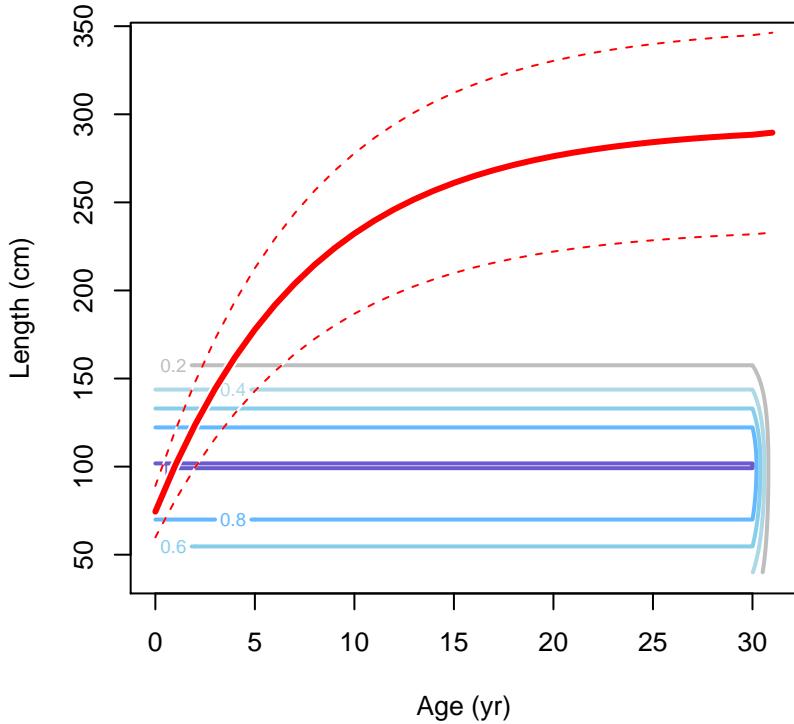
**Male ending year selectivity and growth for S6\_JPN\_OBS**



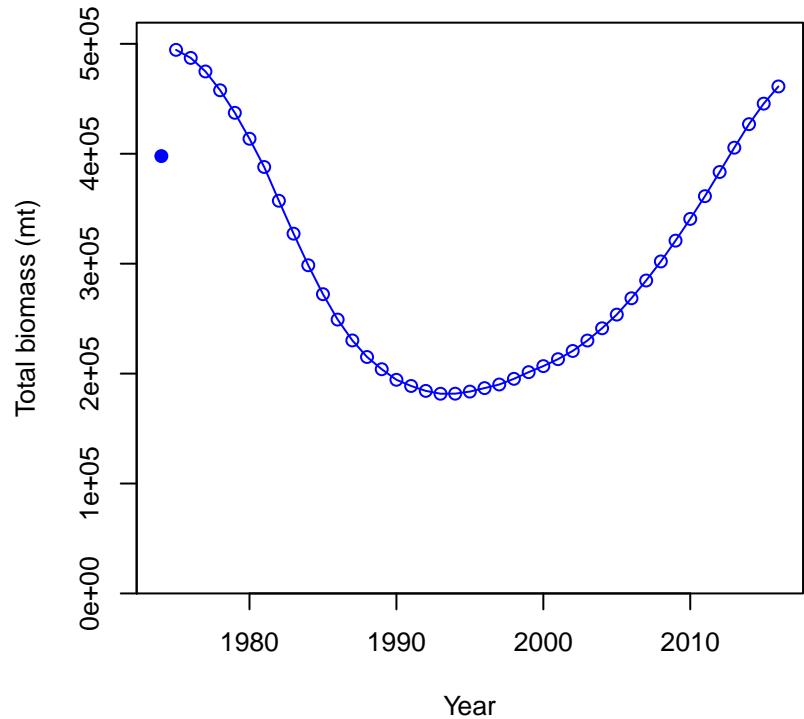
**Male ending year selectivity and growth for S7\_JPN\_GEO**



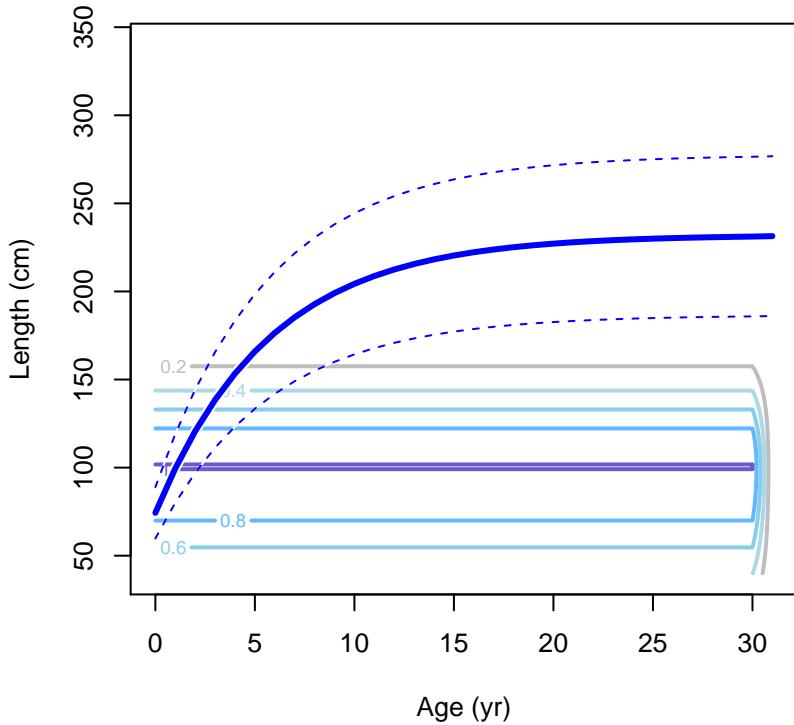
**Female ending year selectivity and growth for S8\_MEX**



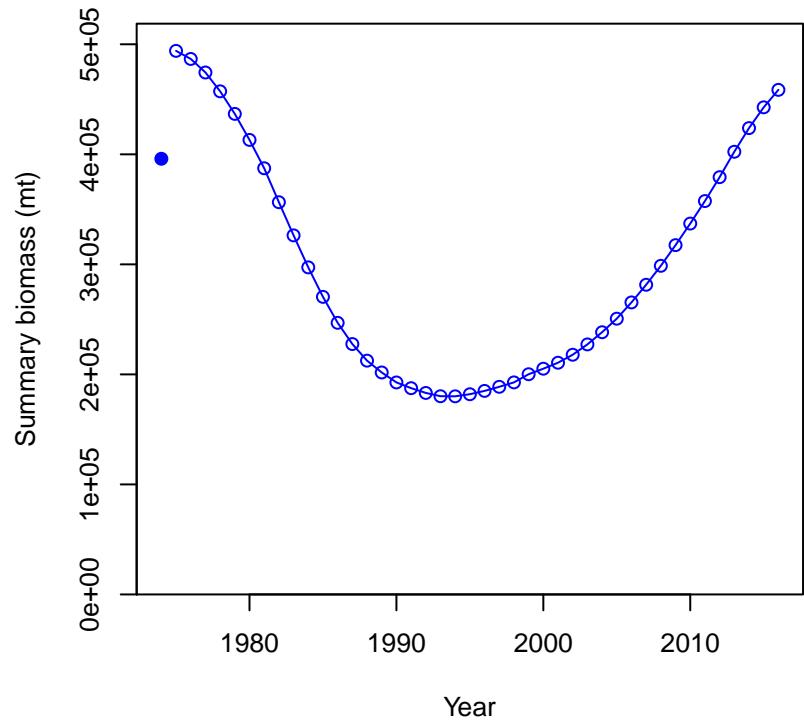
**Total biomass (mt)**



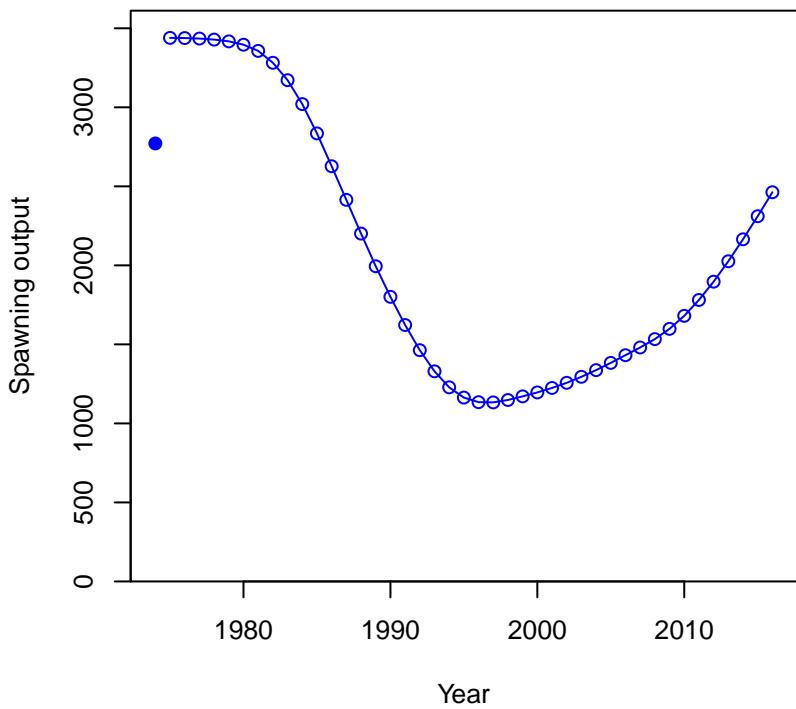
**Male ending year selectivity and growth for S8\_MEX**



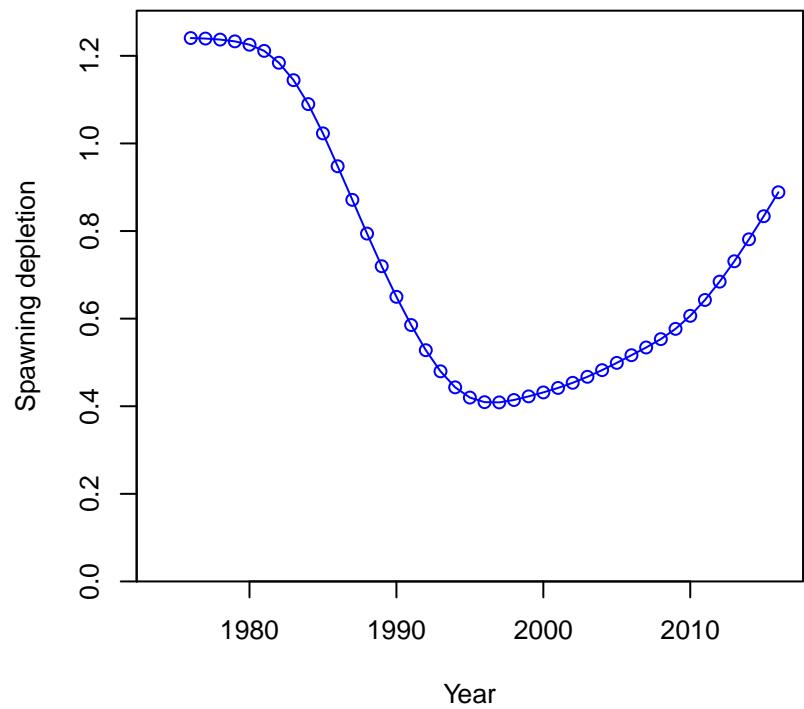
**Summary biomass (mt)**



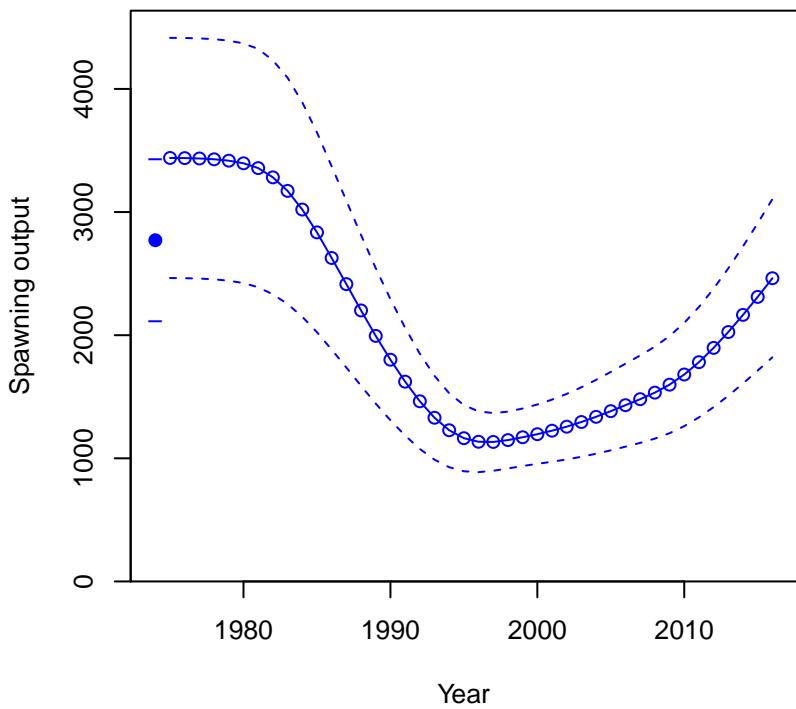
**Spawning output**



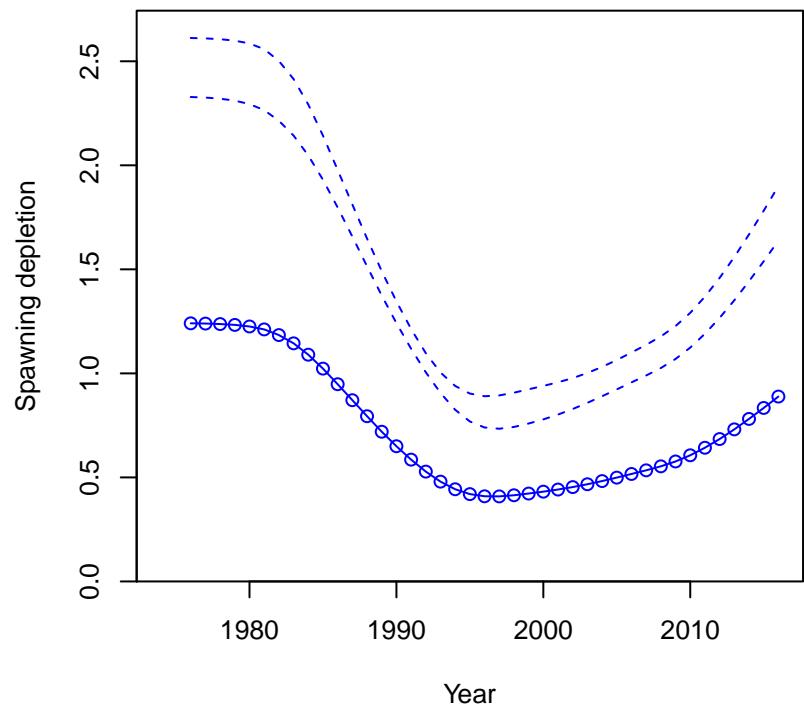
**Spawning depletion**



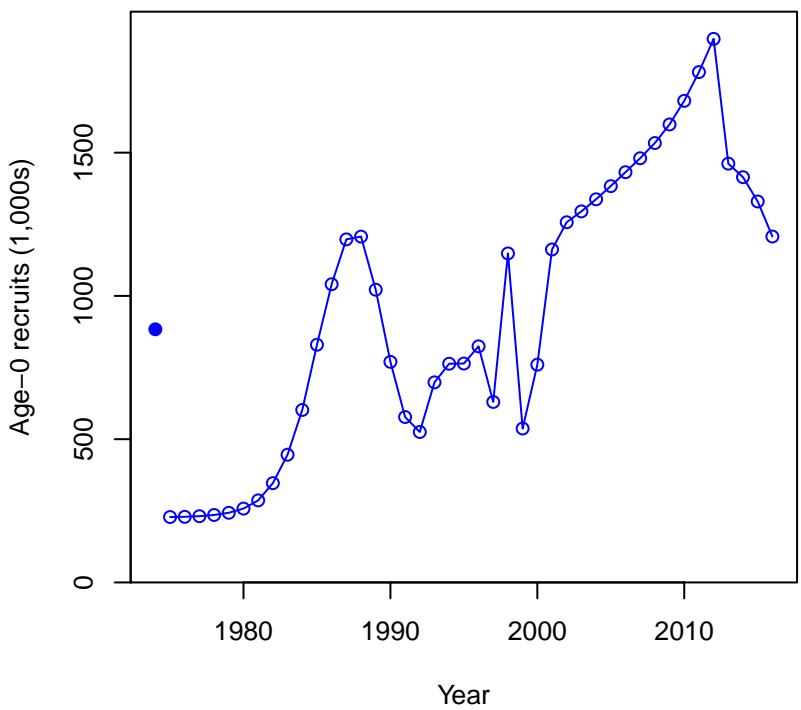
**Spawning output with ~95% asymptotic intervals**



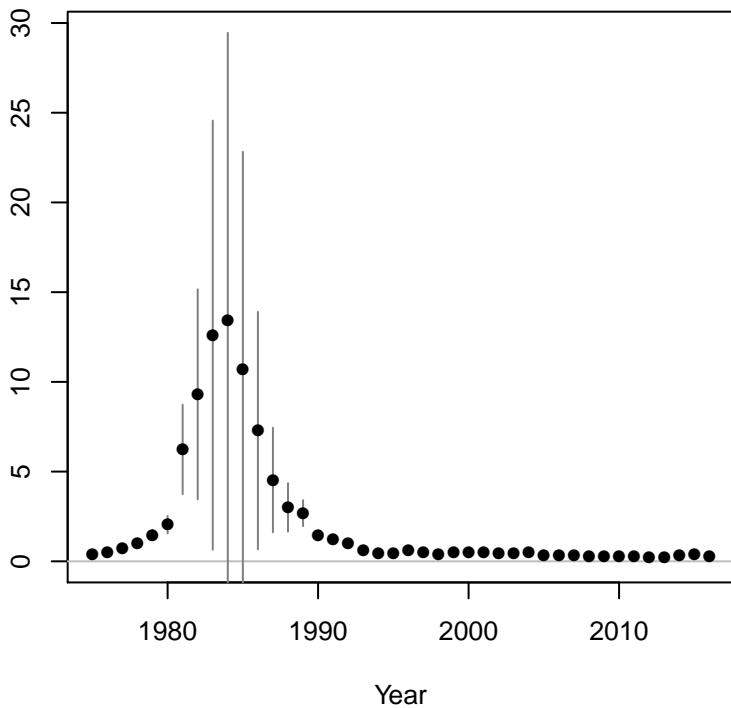
**Spawning depletion with ~95% asymptotic intervals**



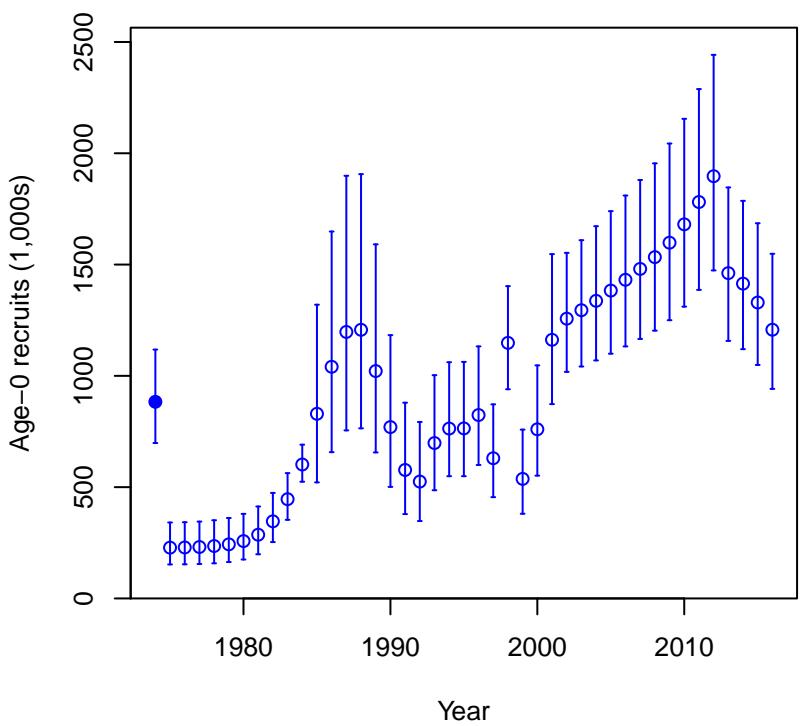
**Age-0 recruits (1,000s)**



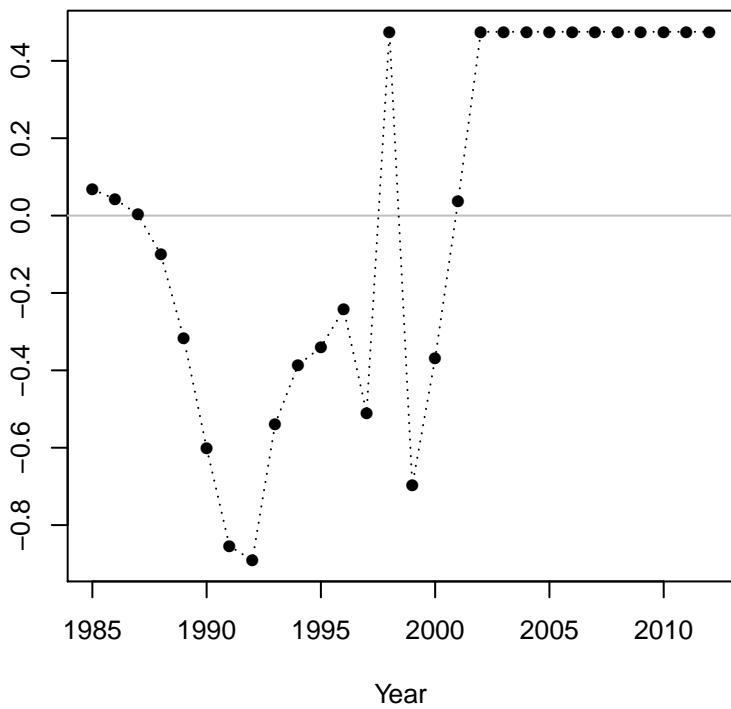
**Summary Fishing Mortality**

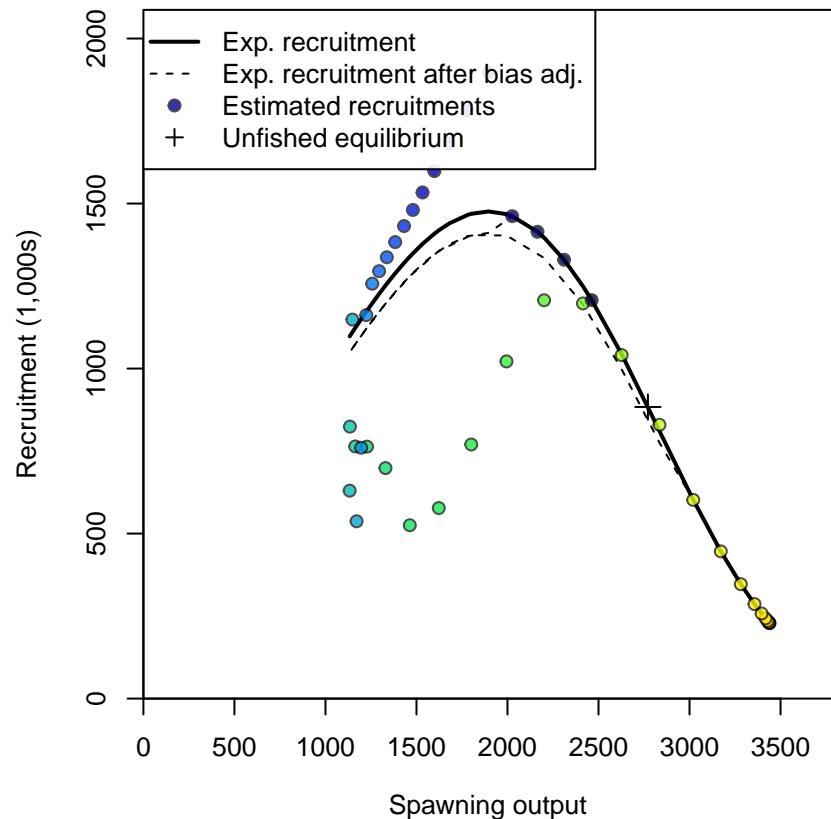
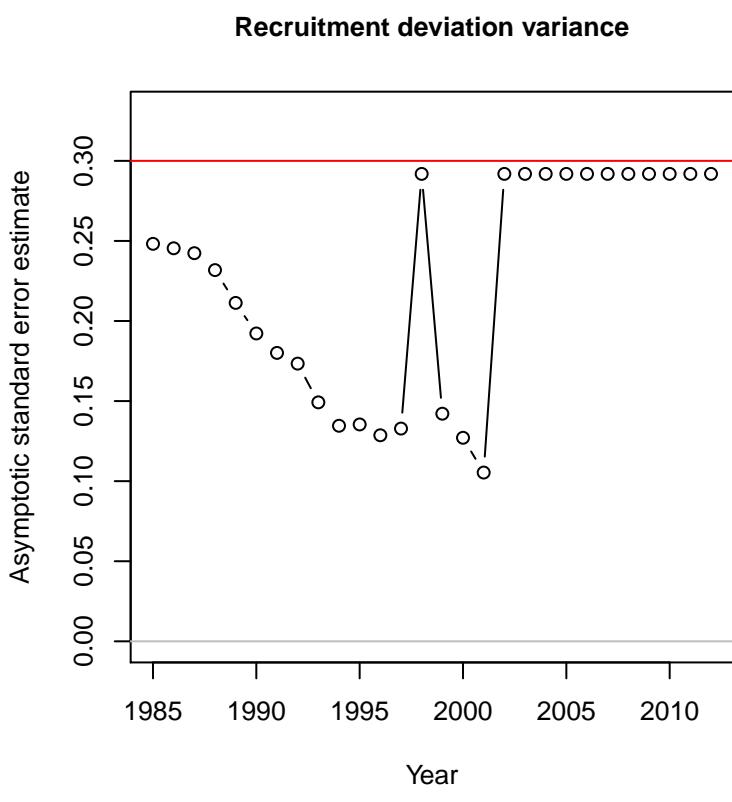
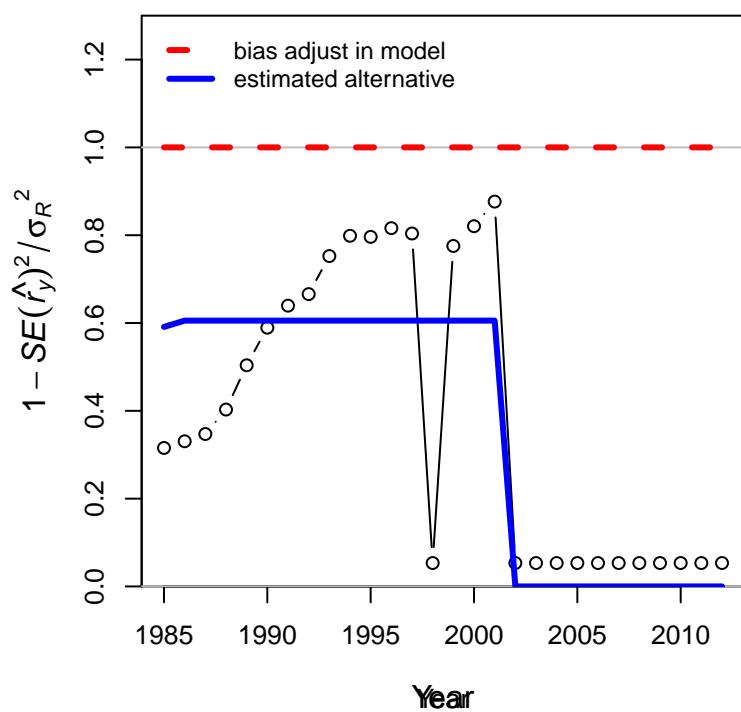
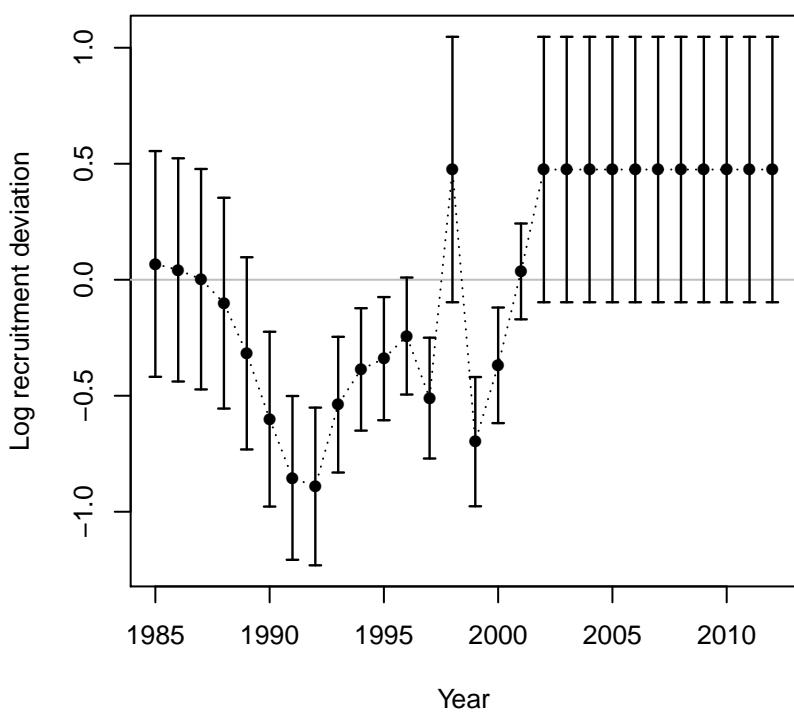


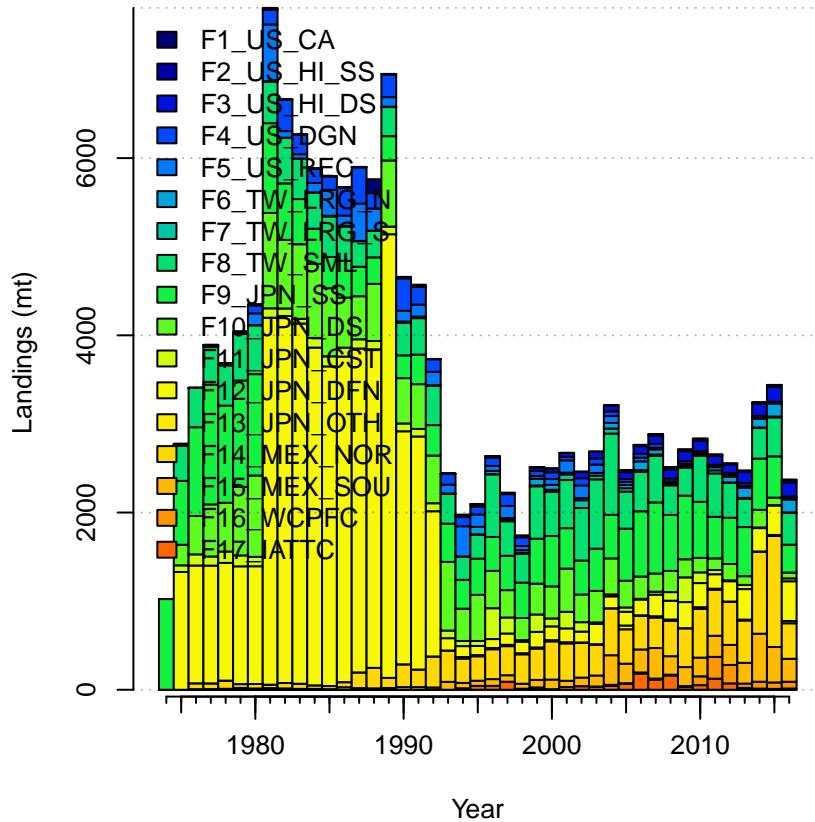
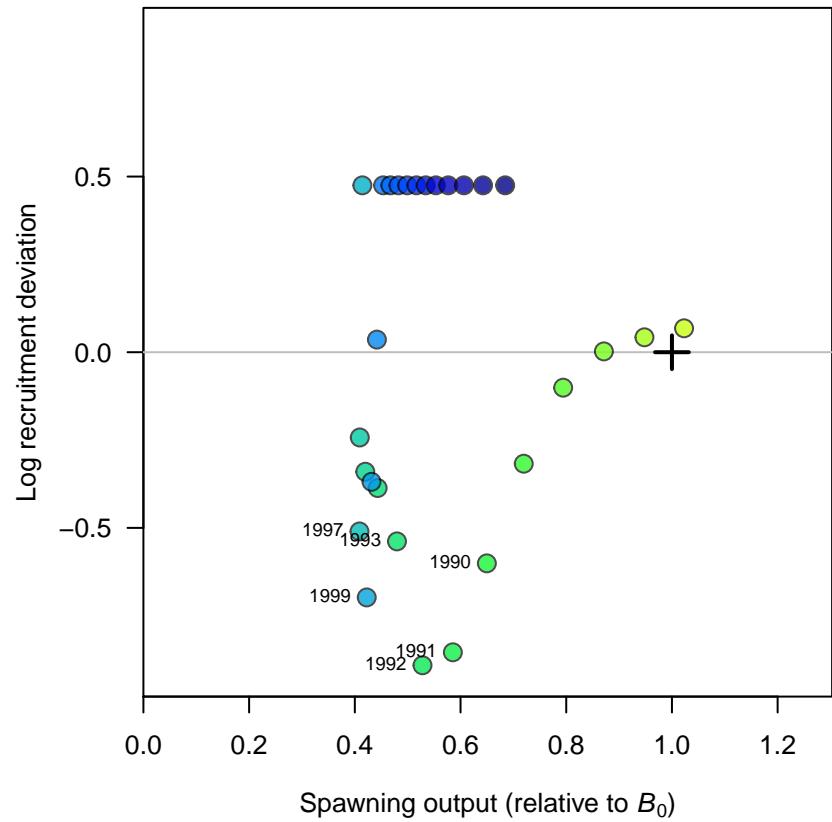
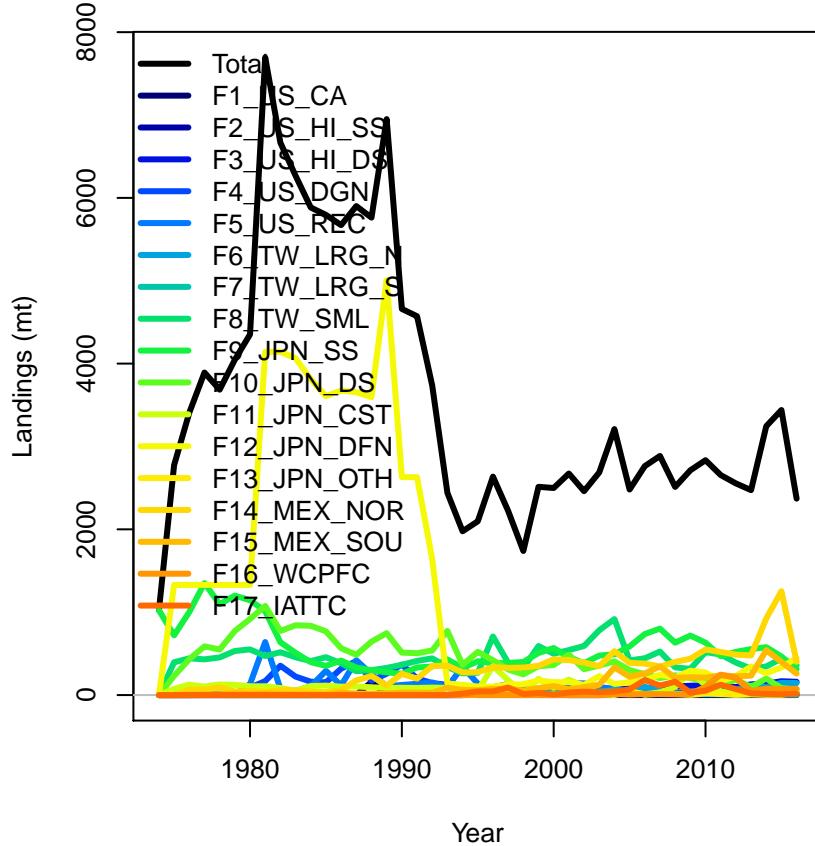
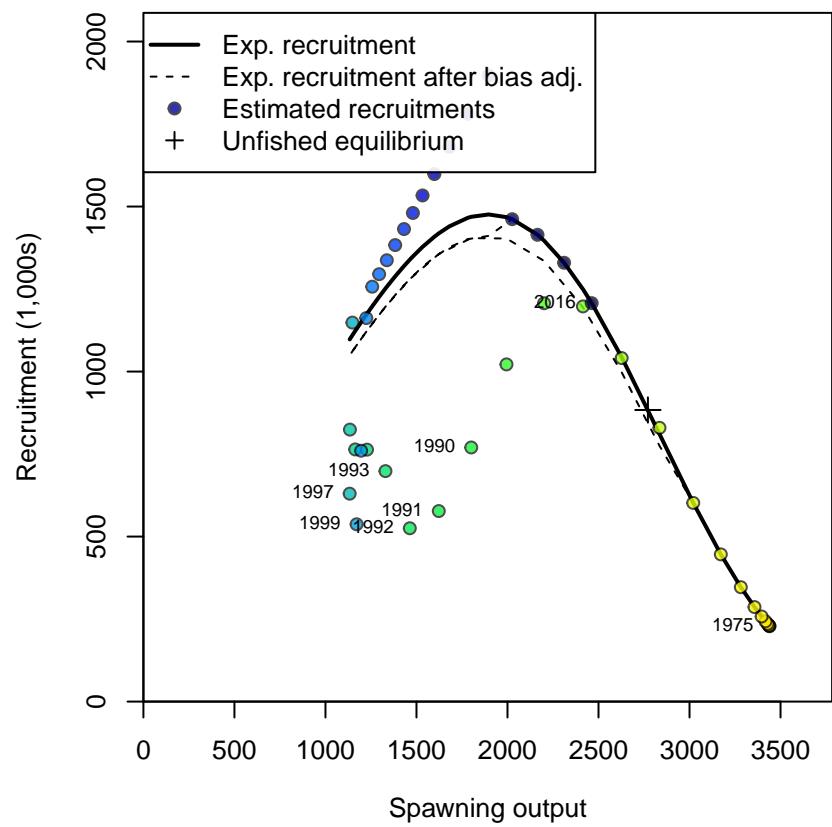
**Age-0 recruits (1,000s) with ~95% asymptotic intervals**

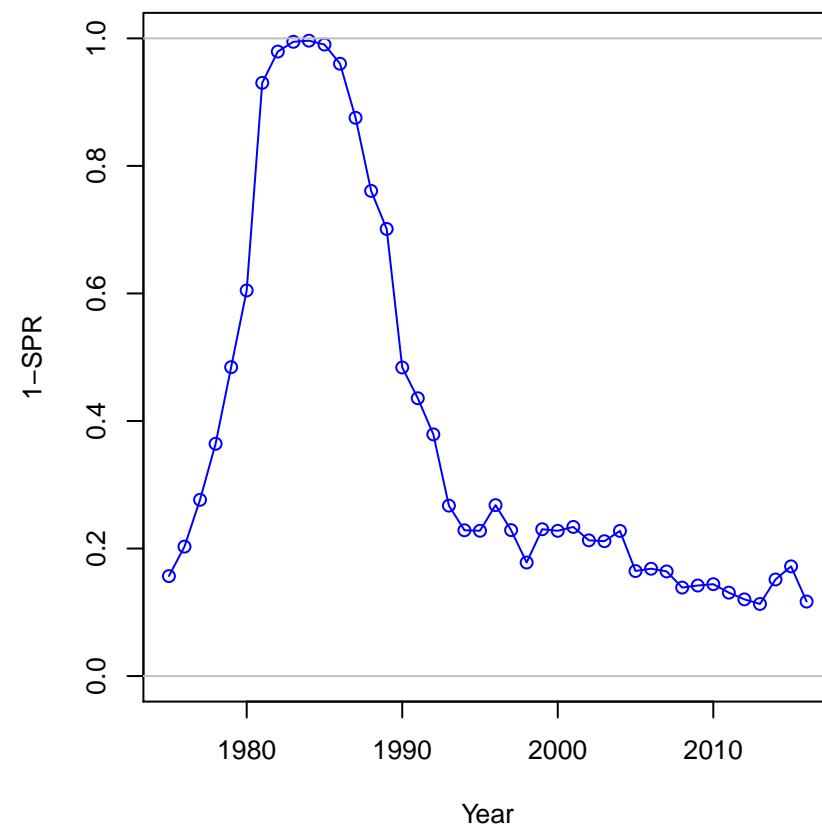
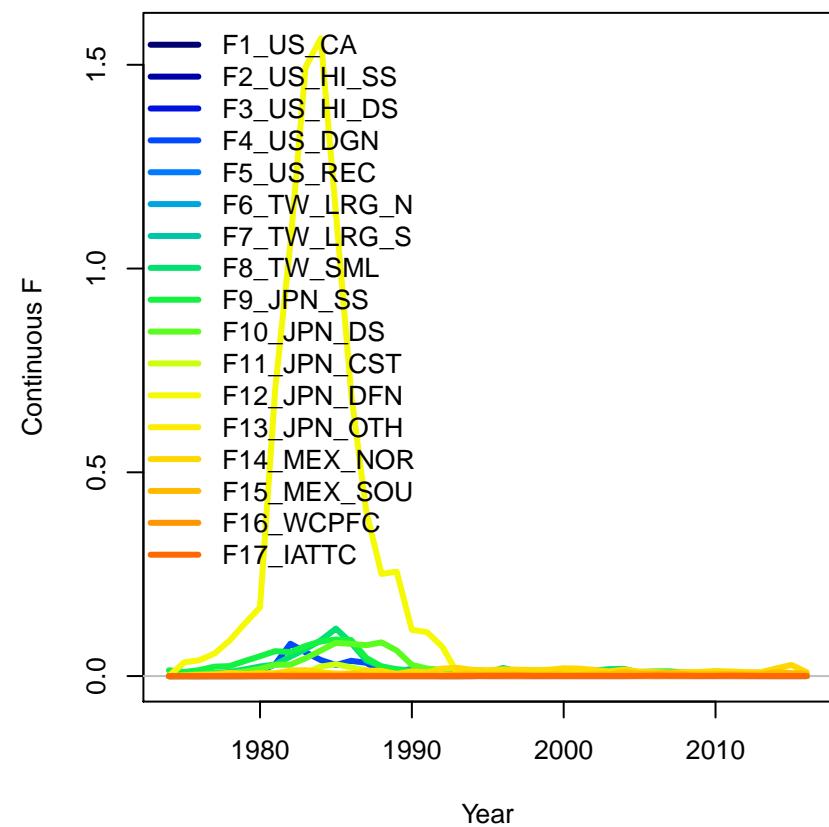
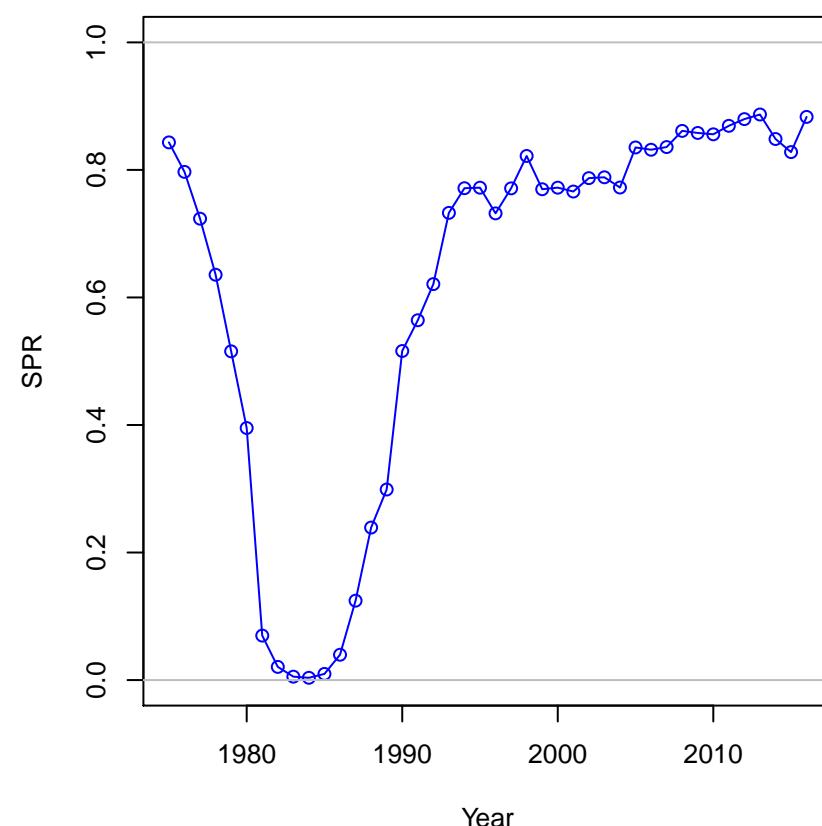
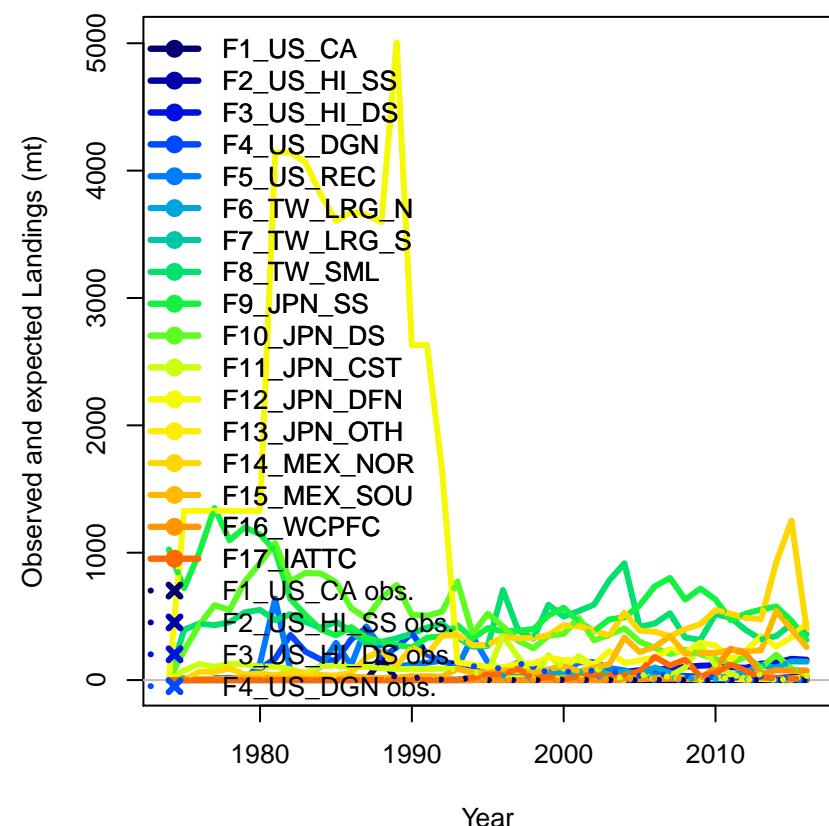


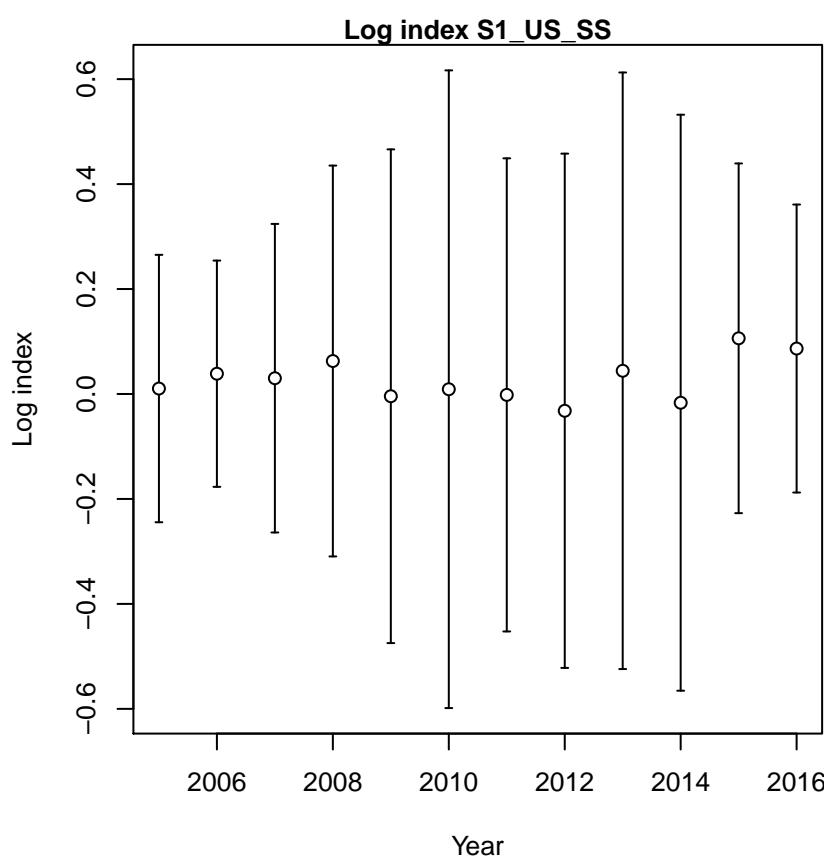
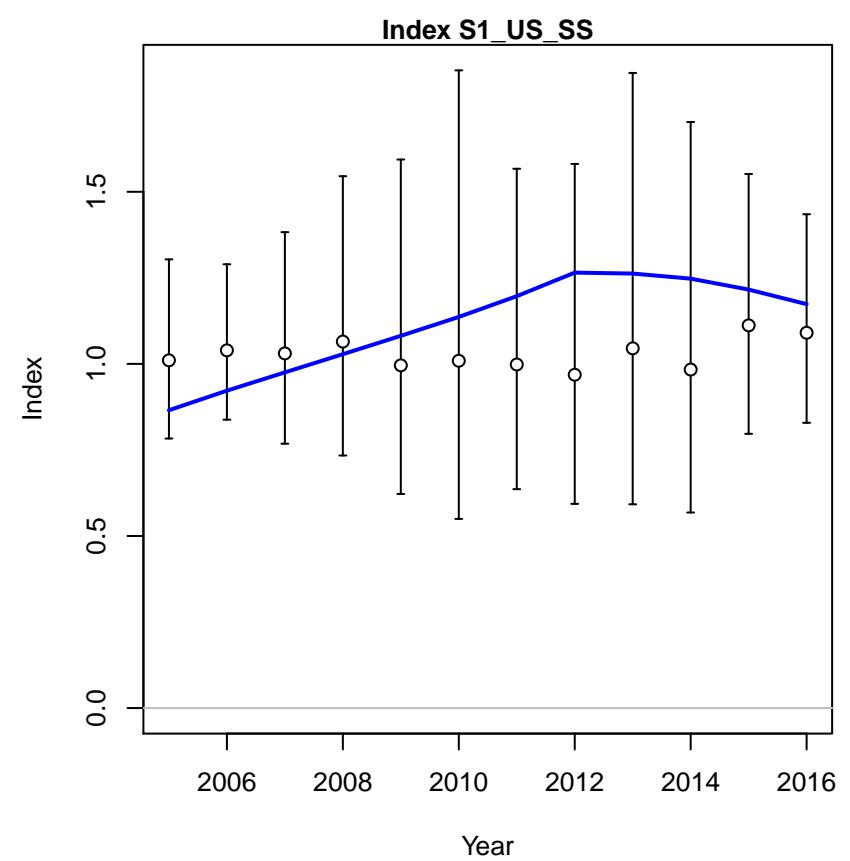
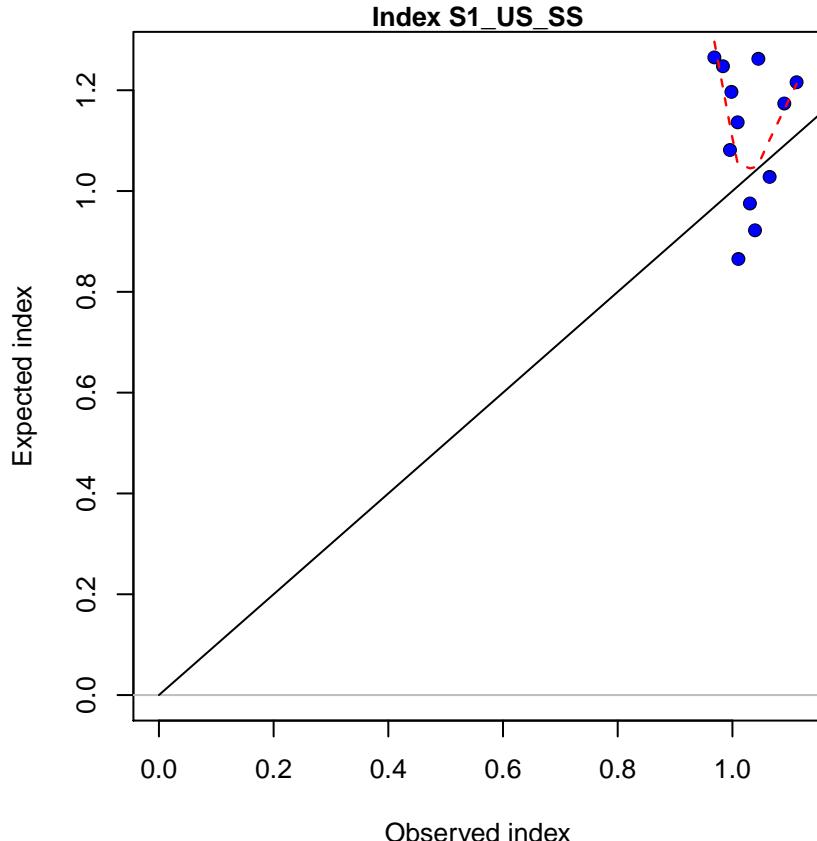
**Log recruitment deviation**

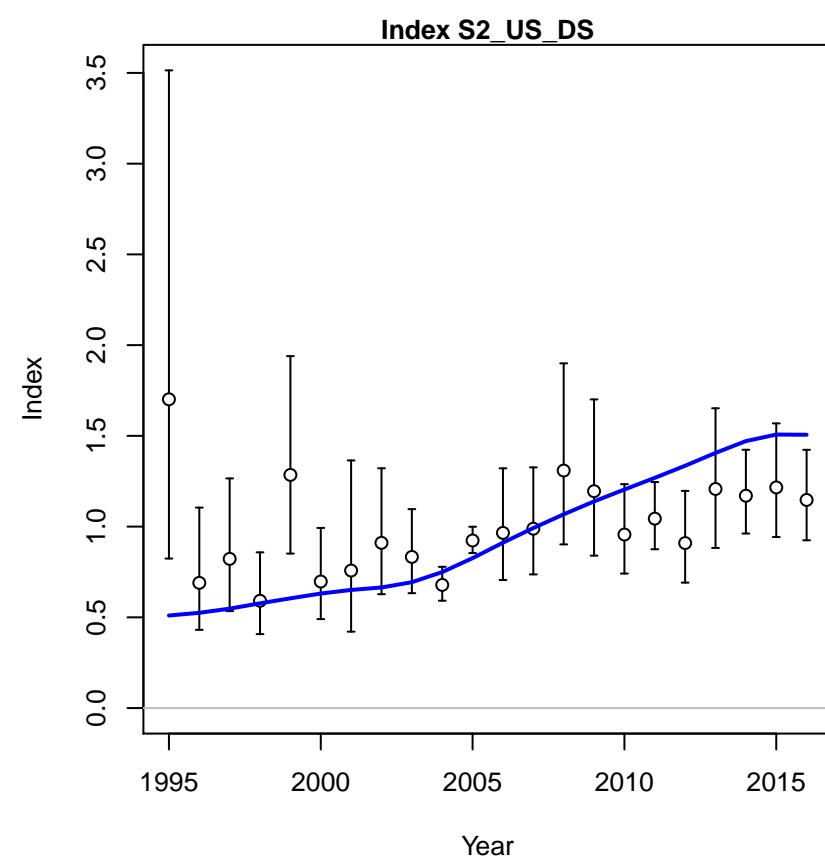
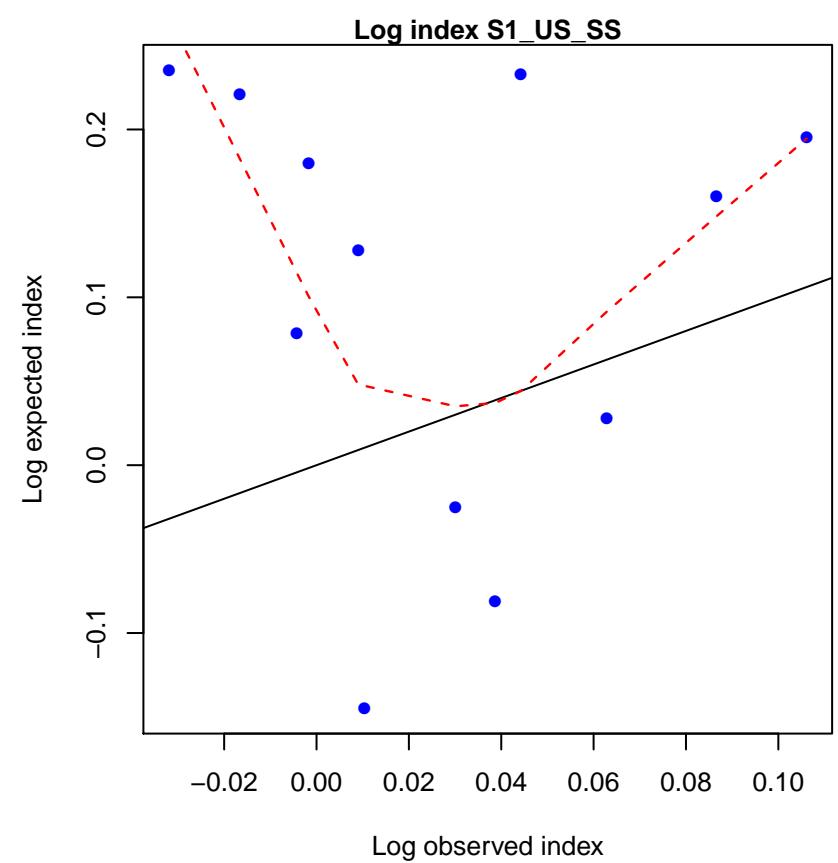
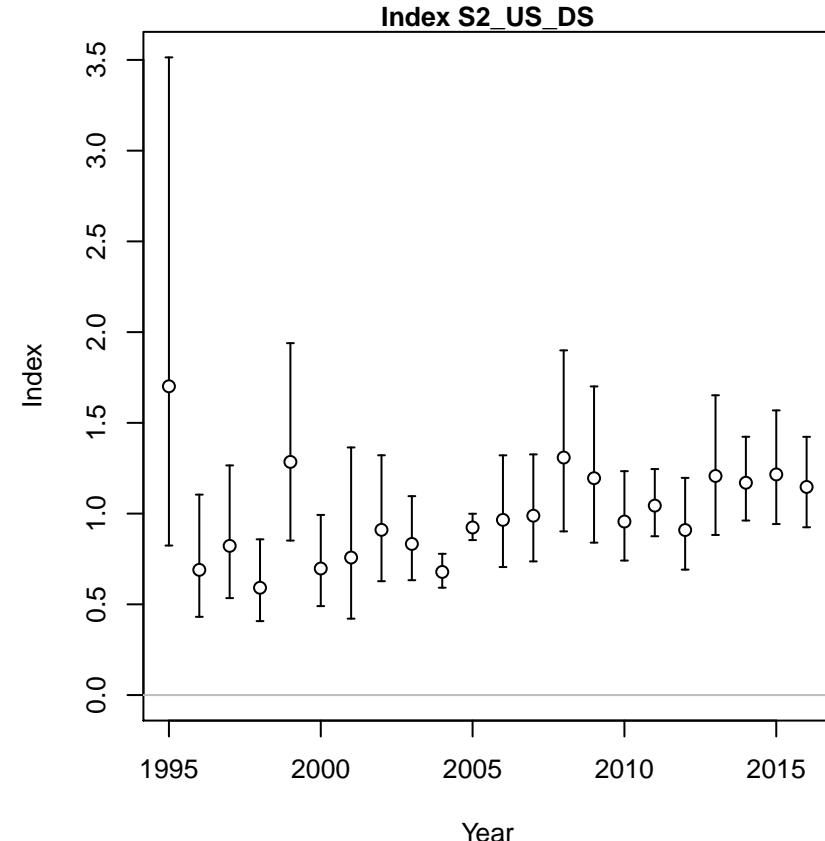
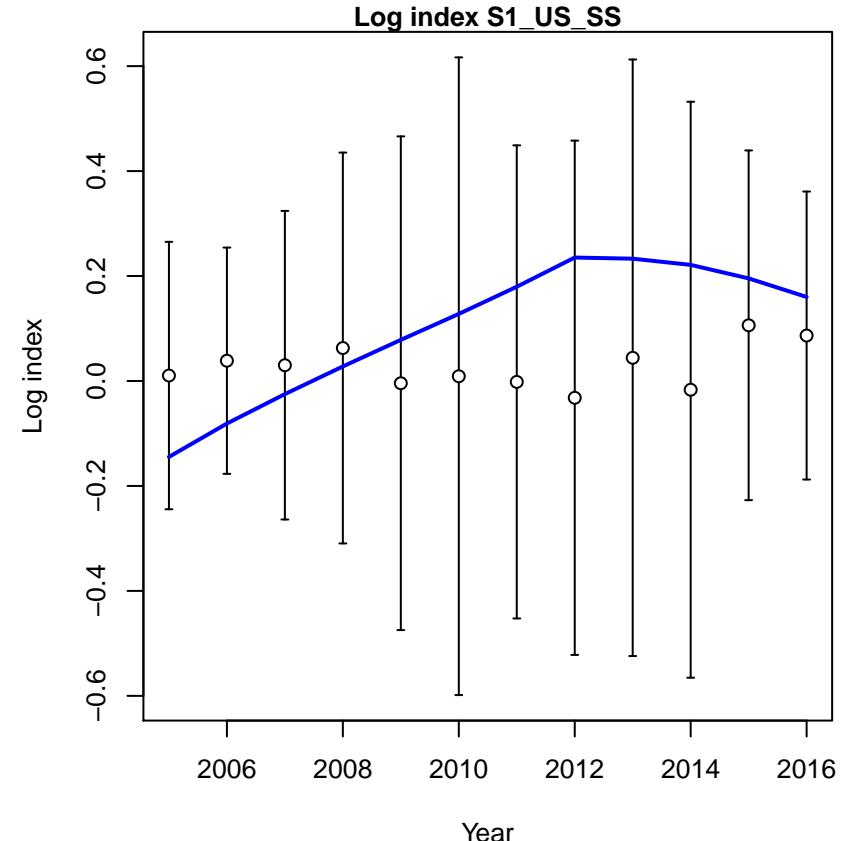


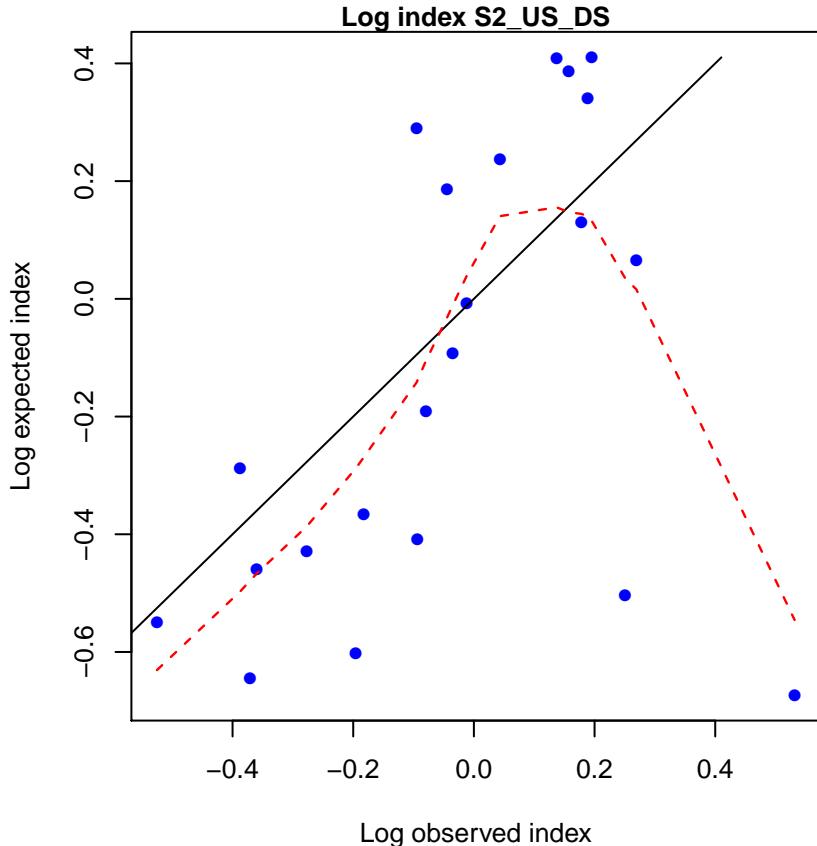
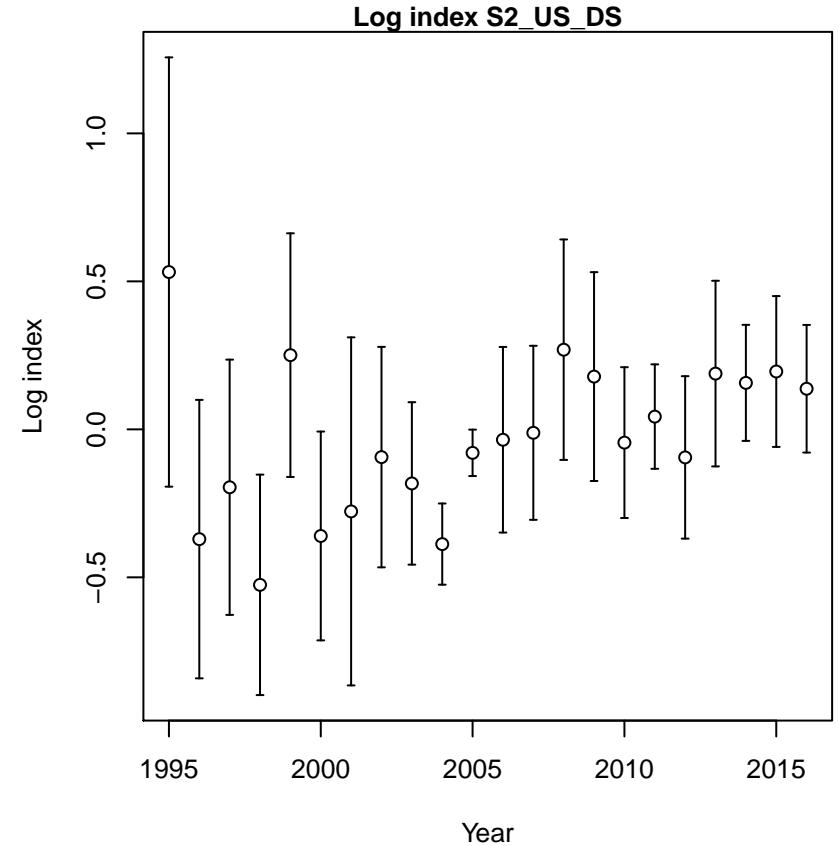
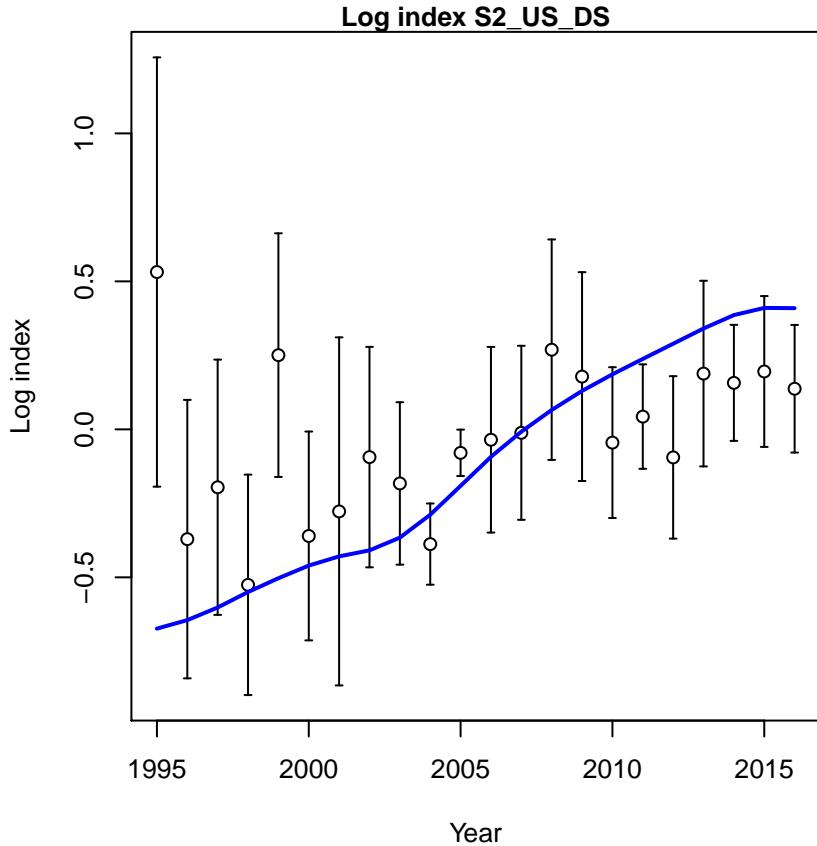
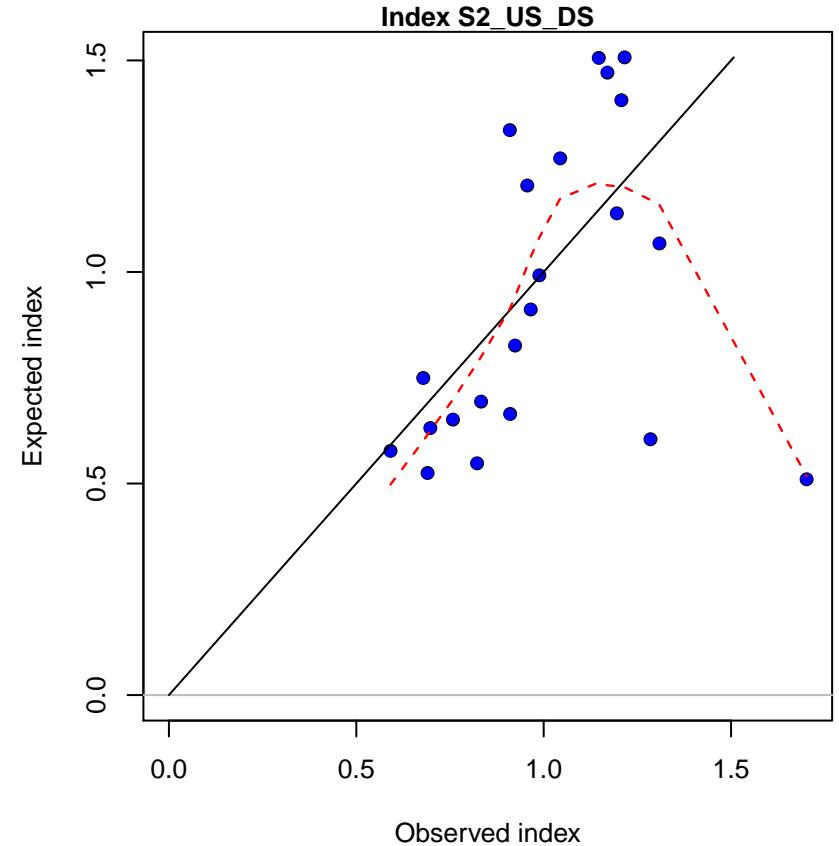


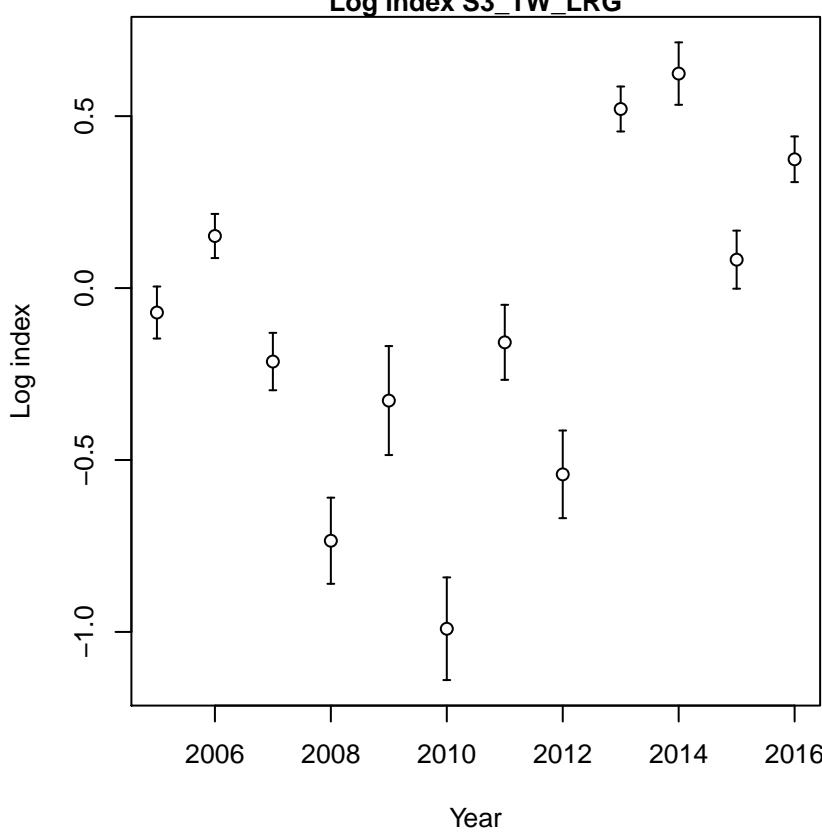
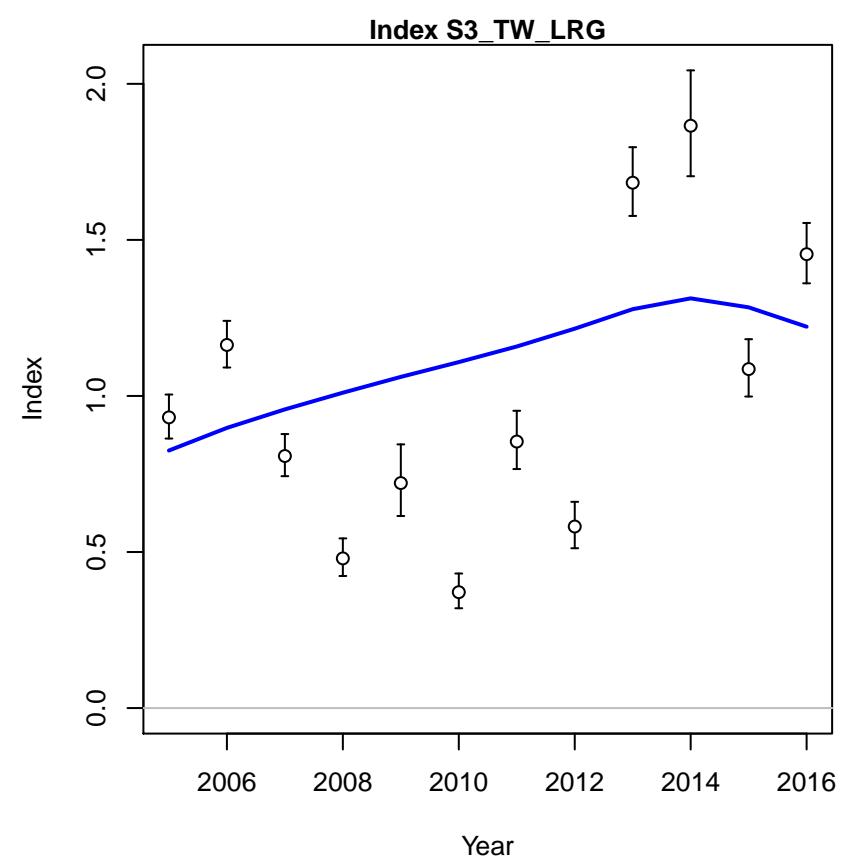
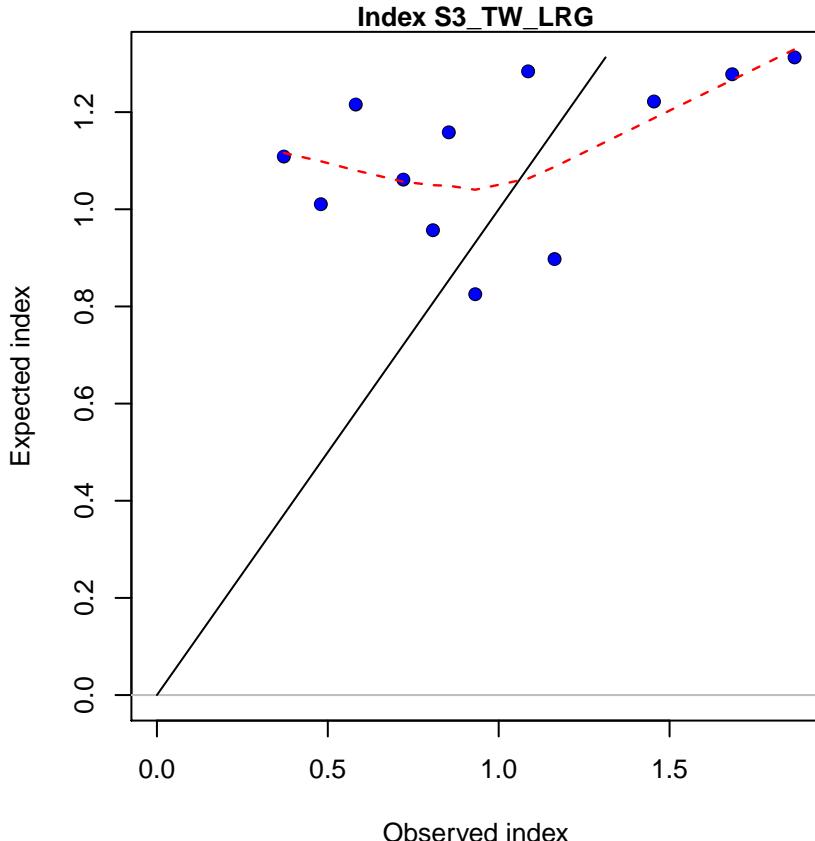
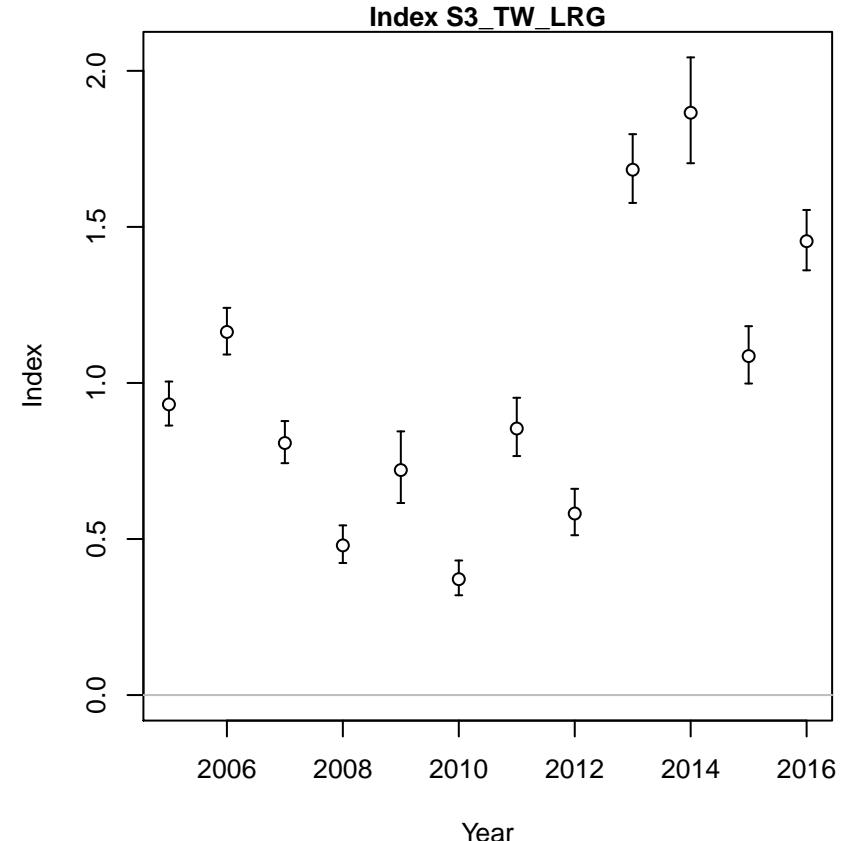


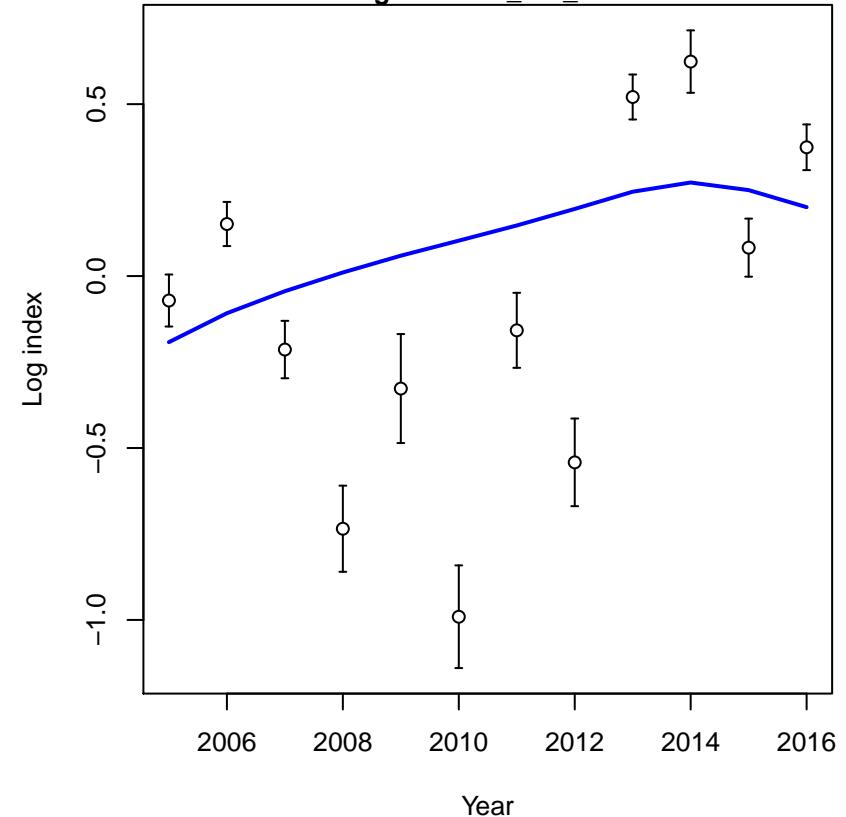
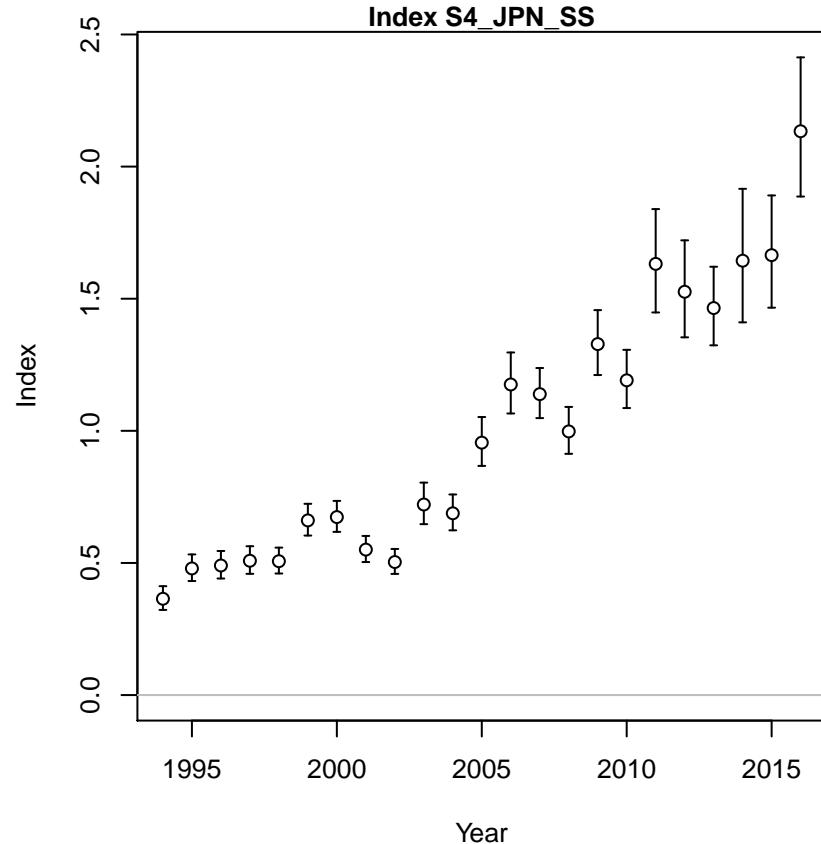
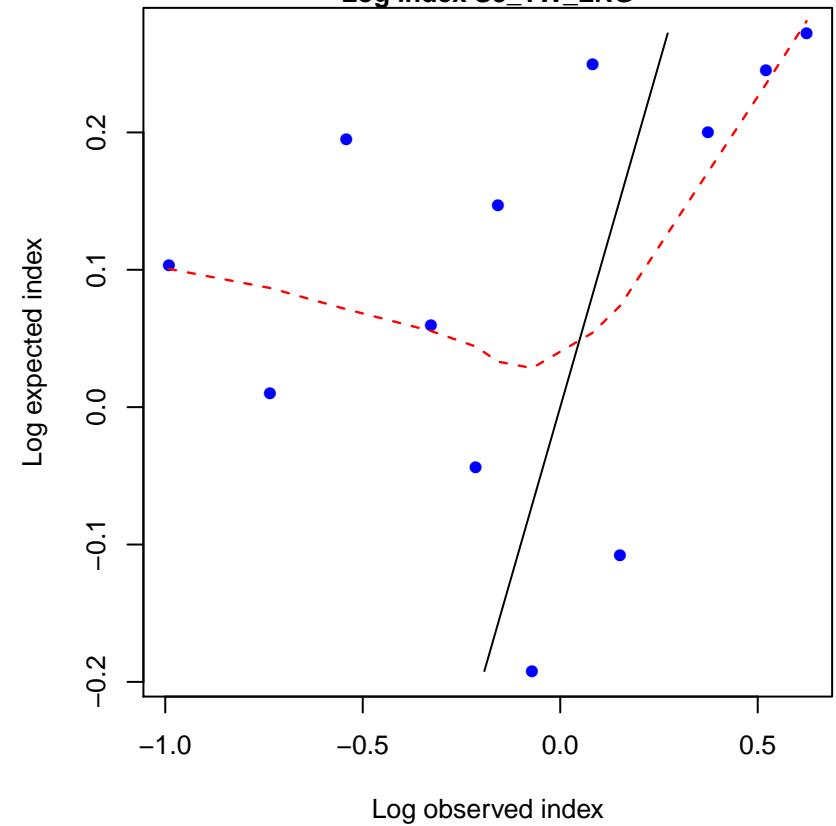
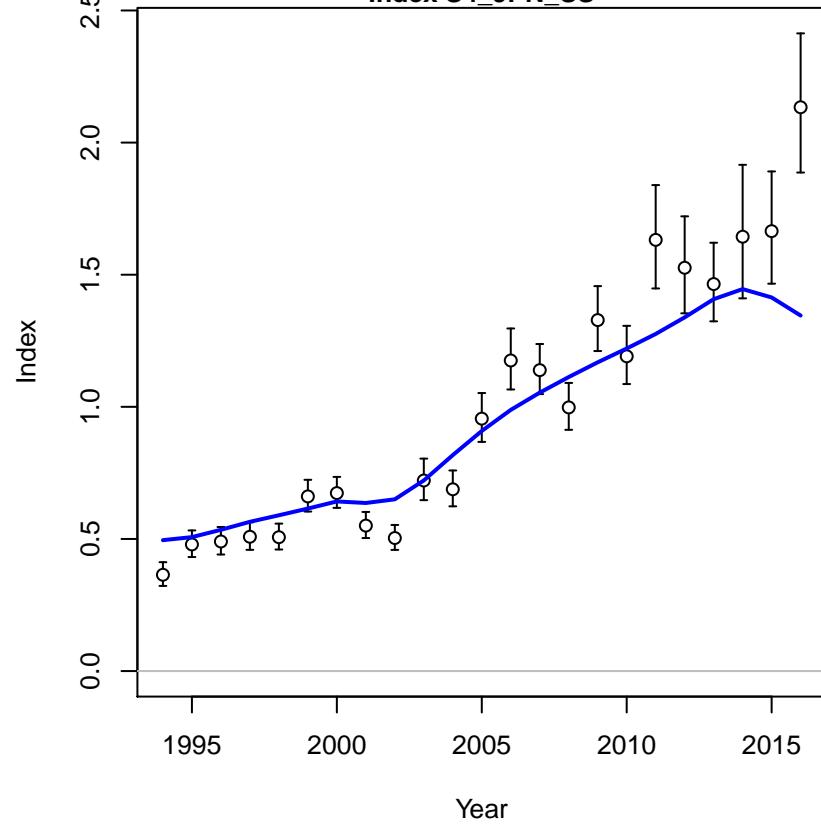


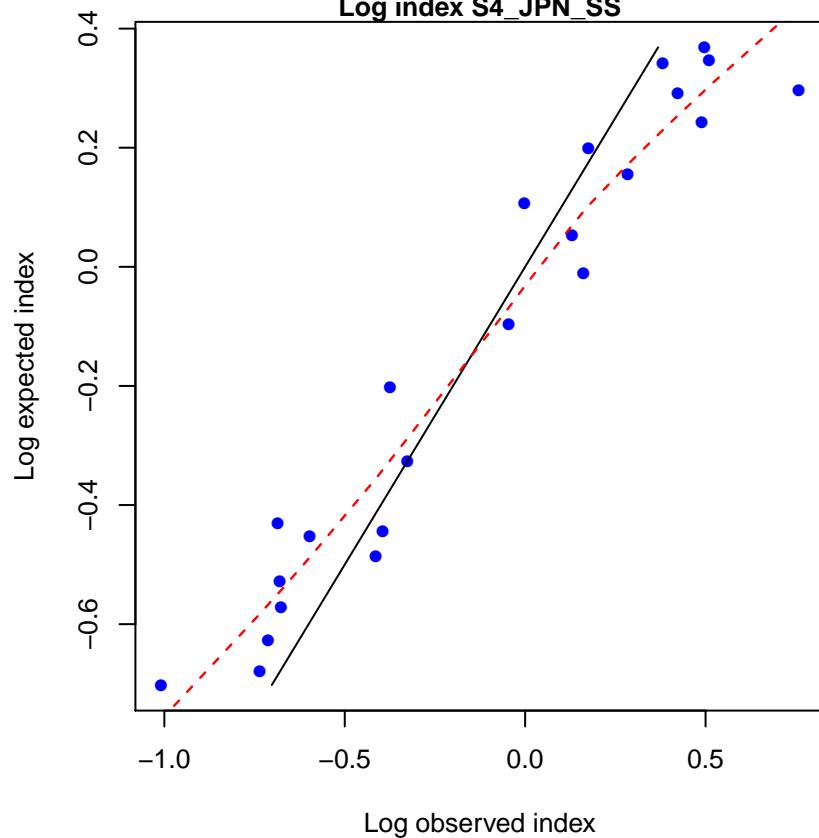
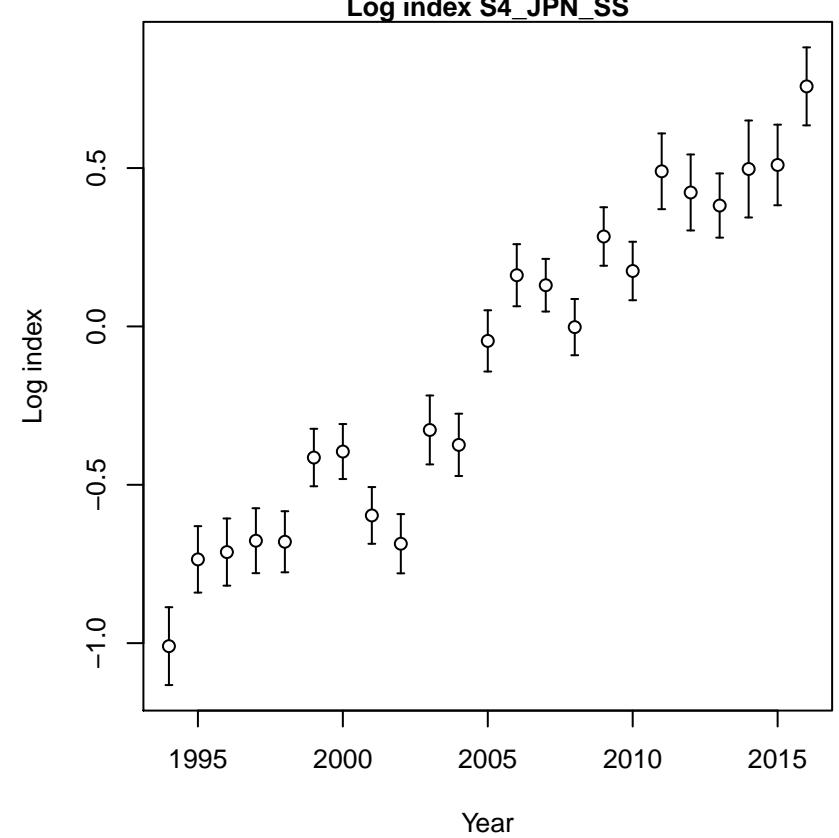
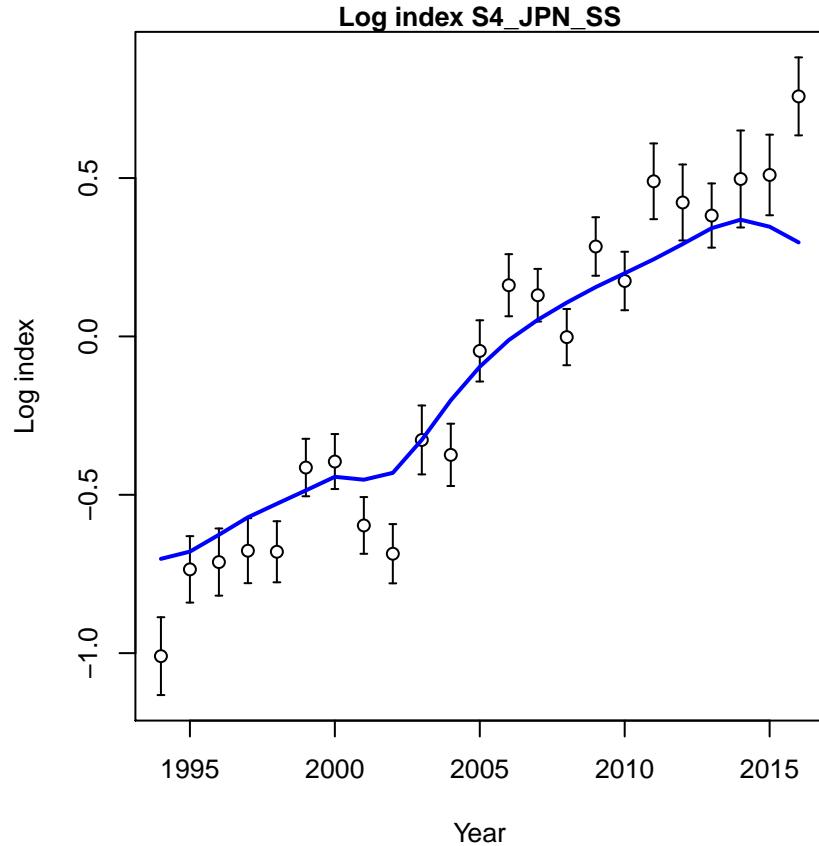
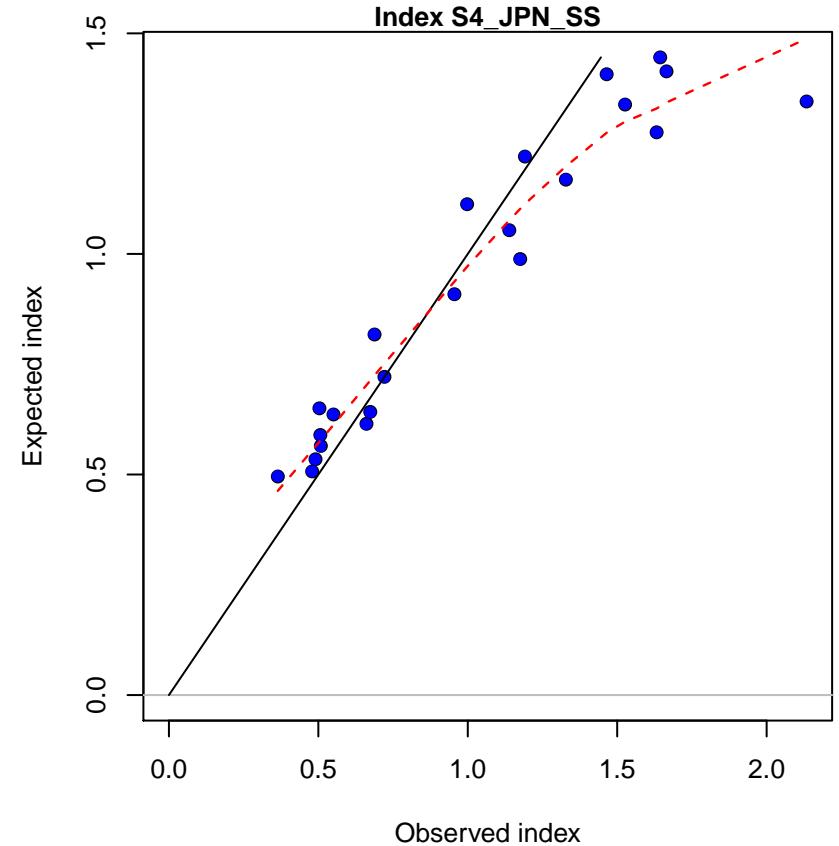


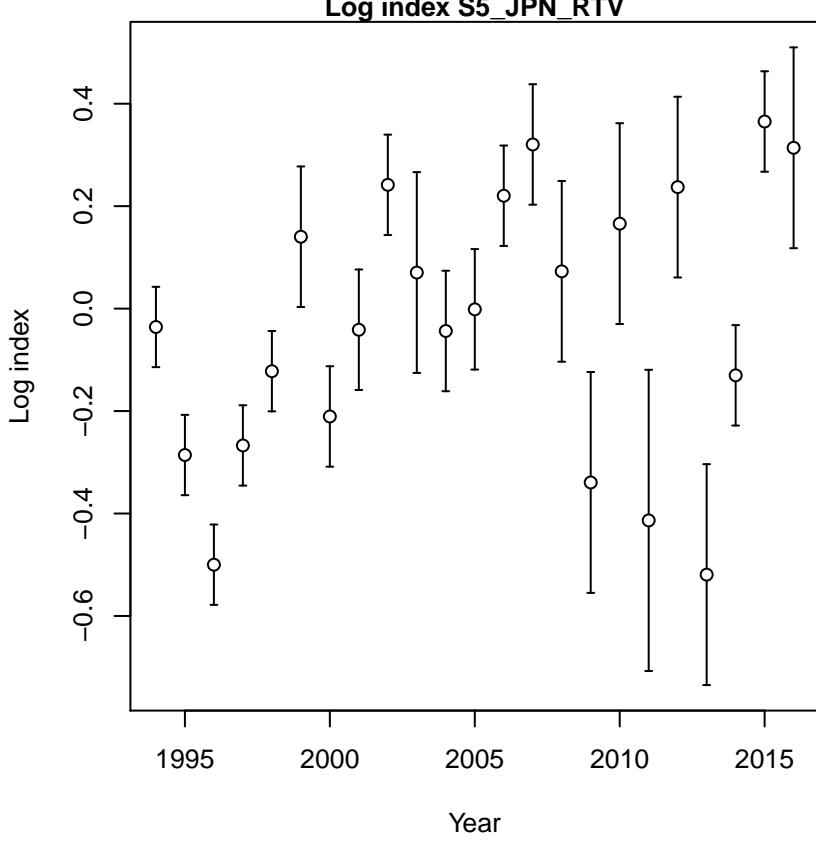
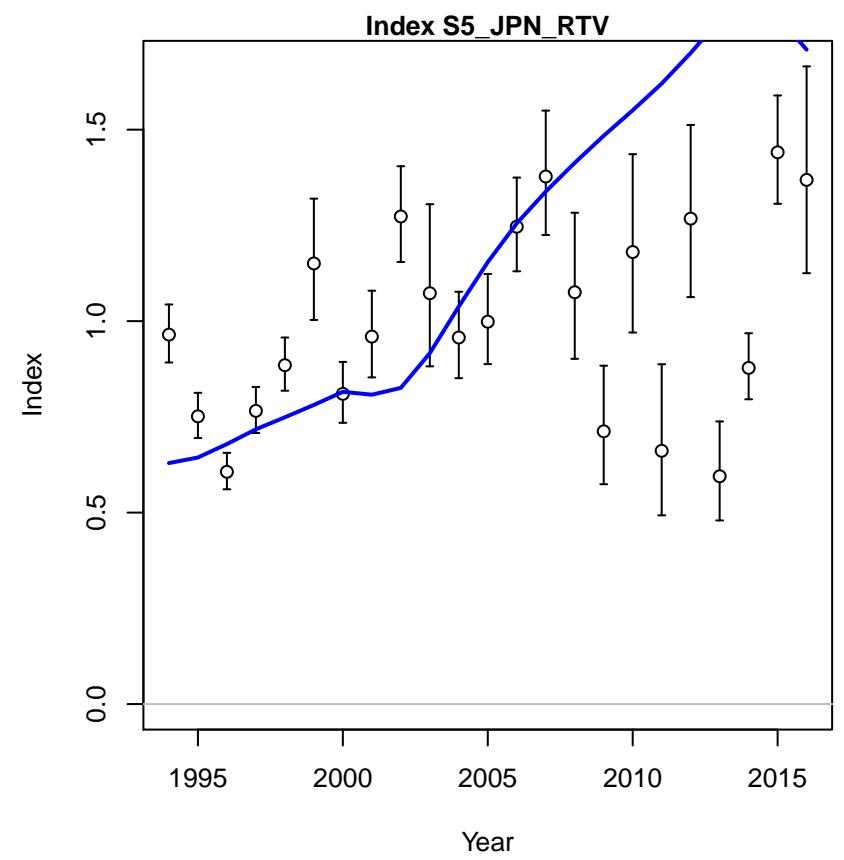
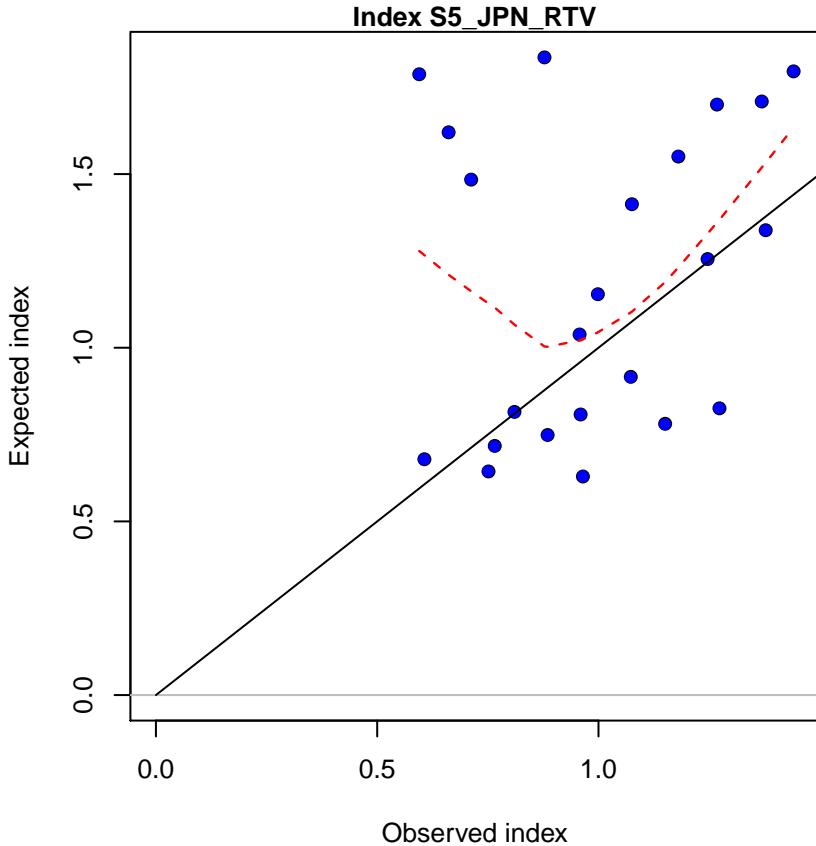
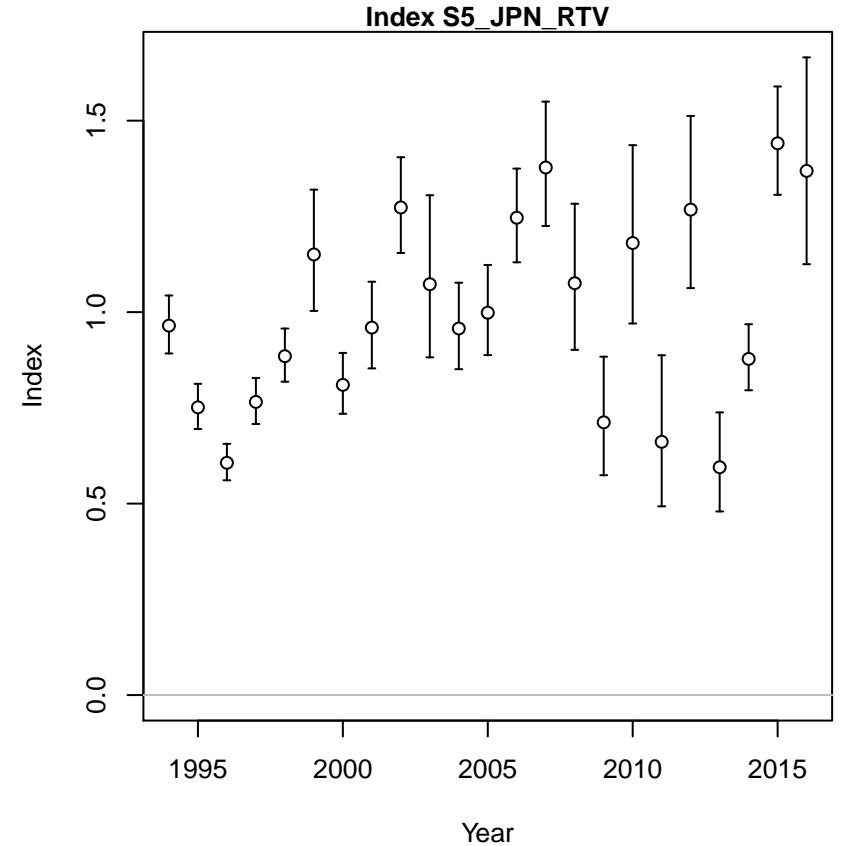


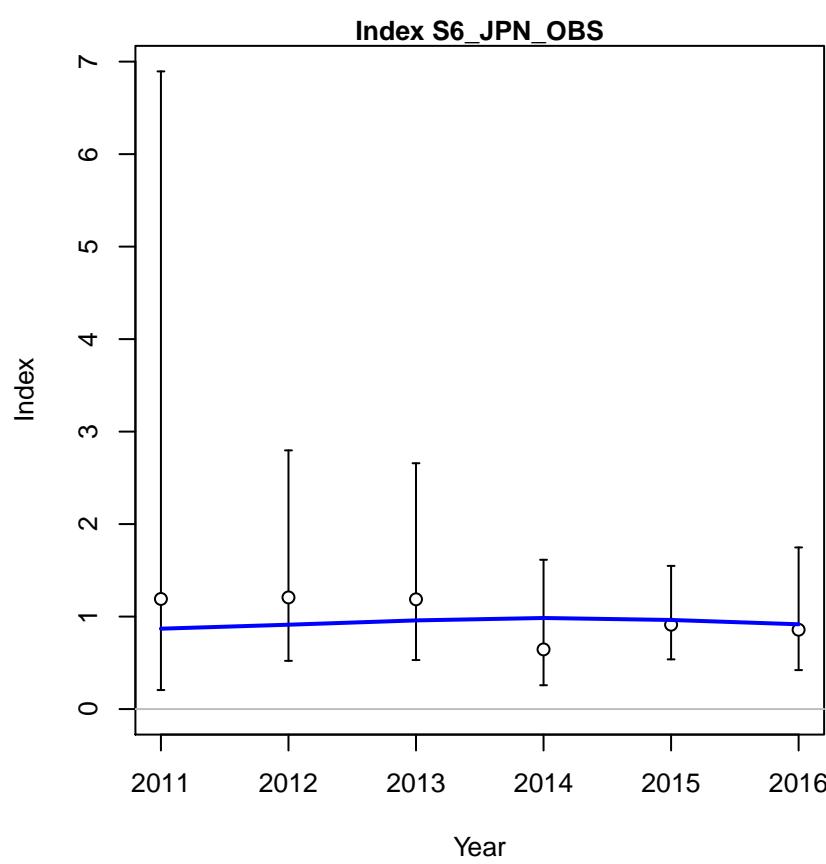
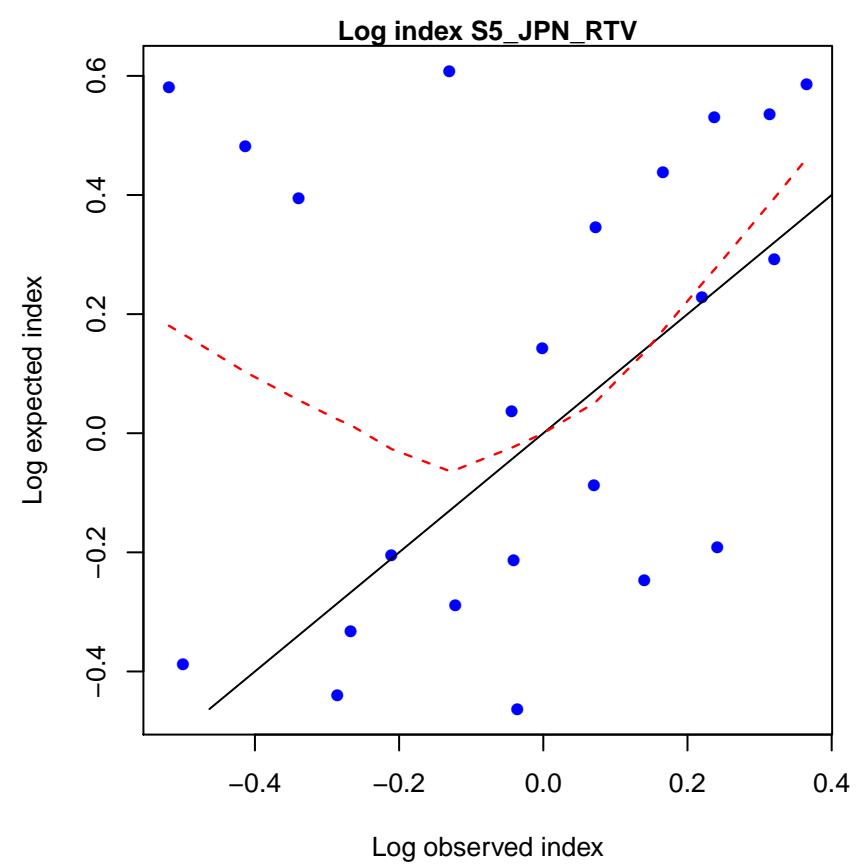
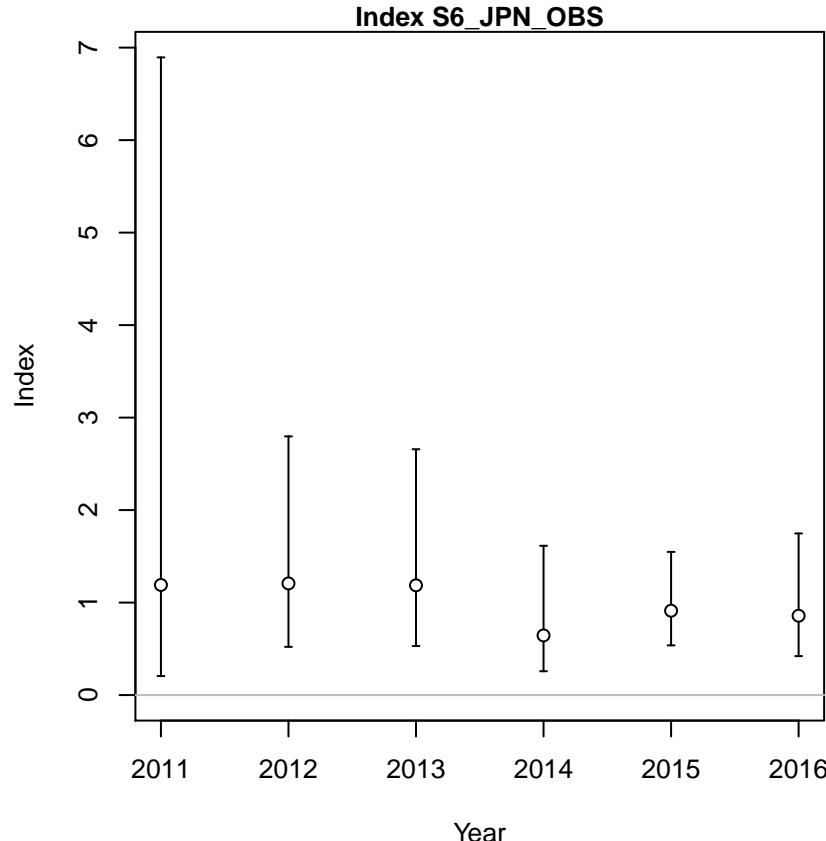
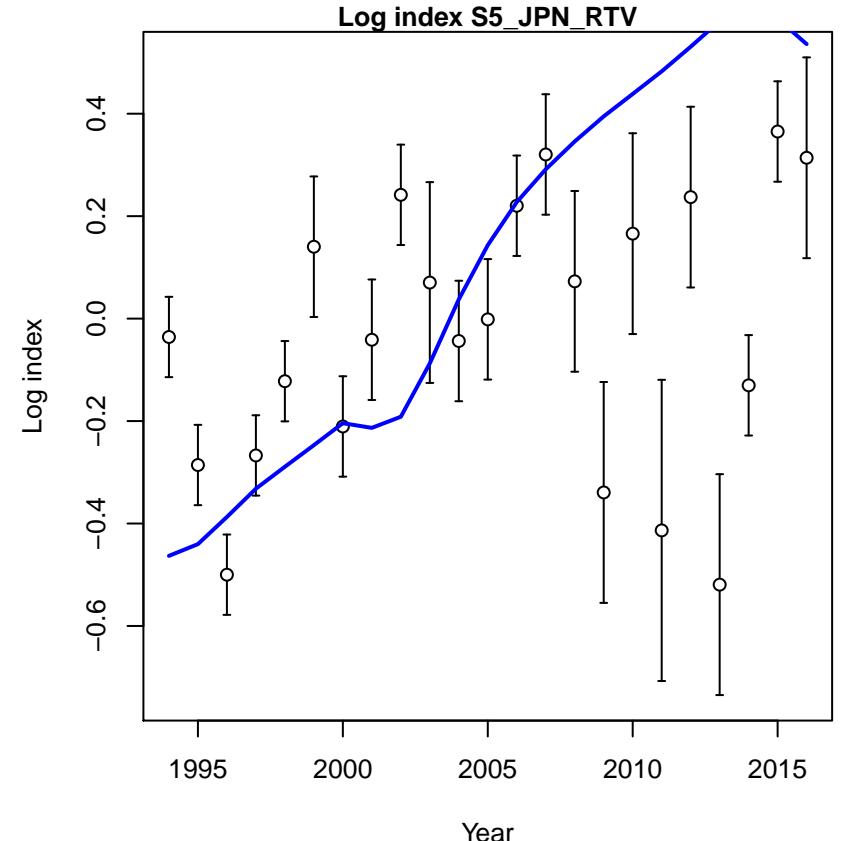


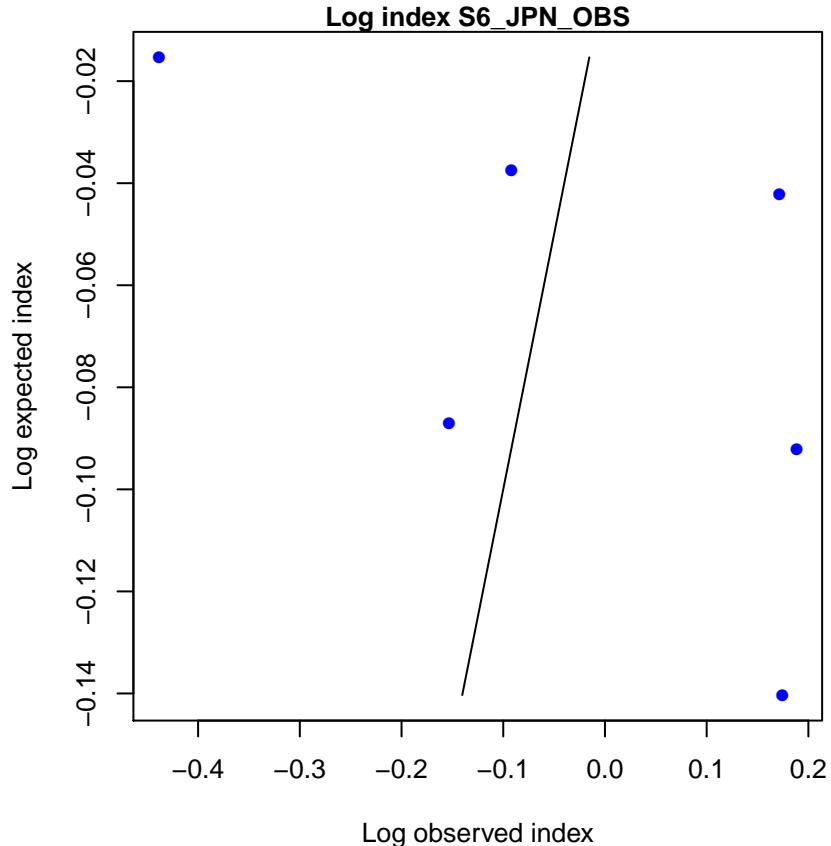
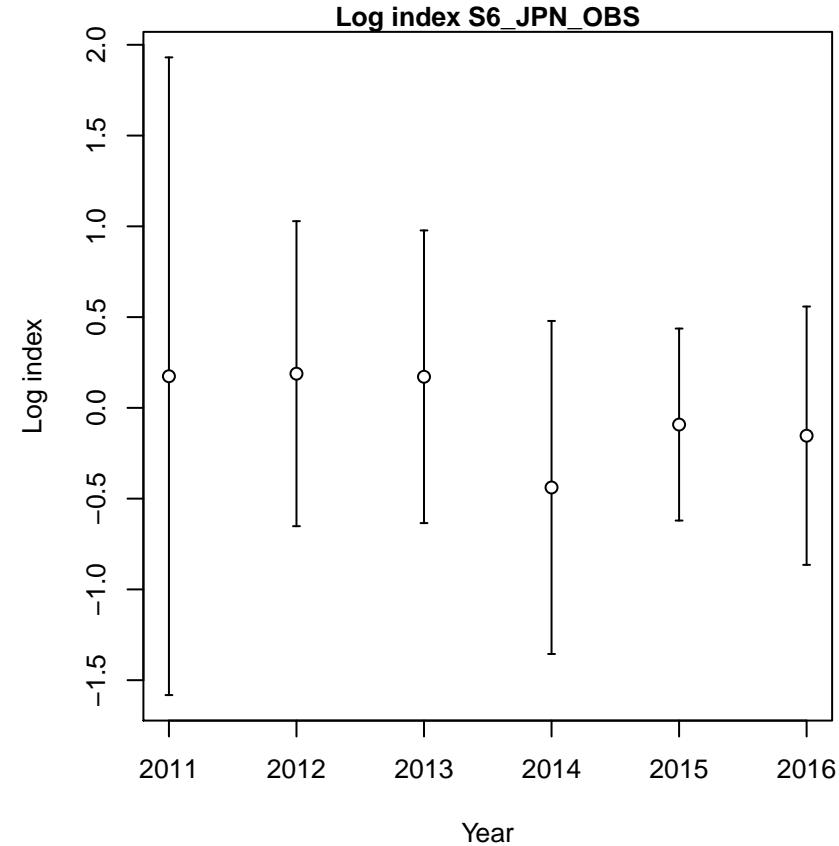
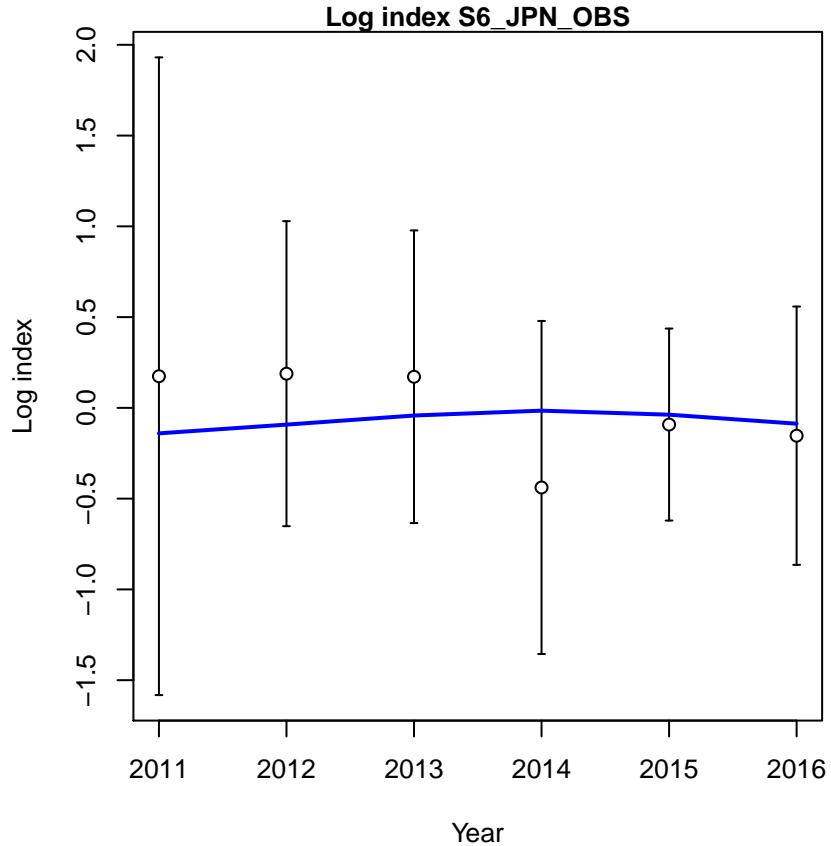
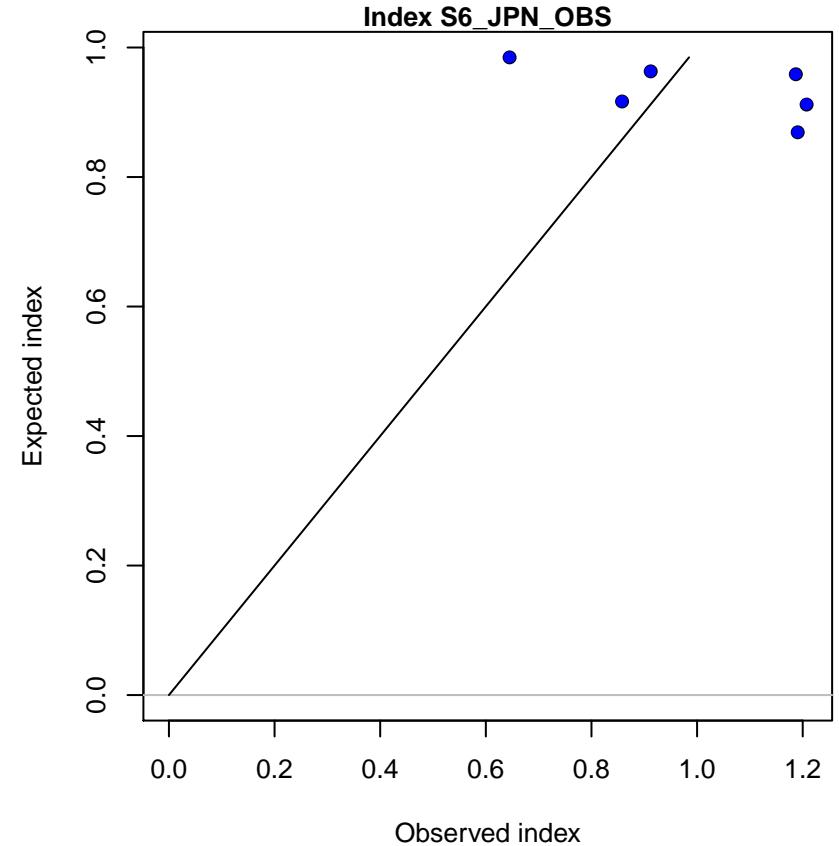


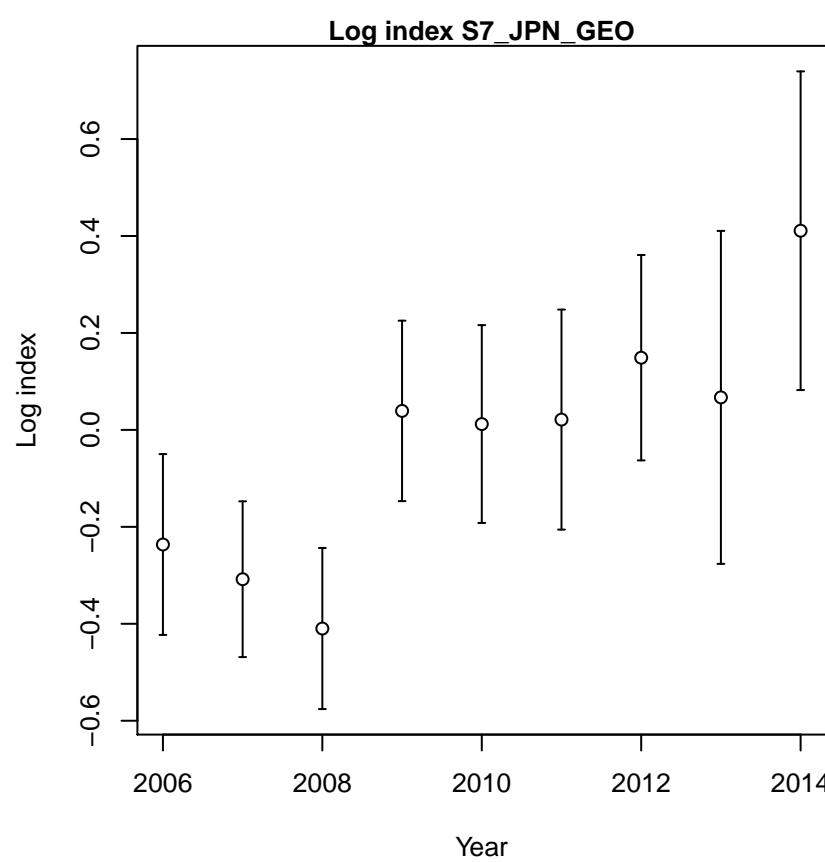
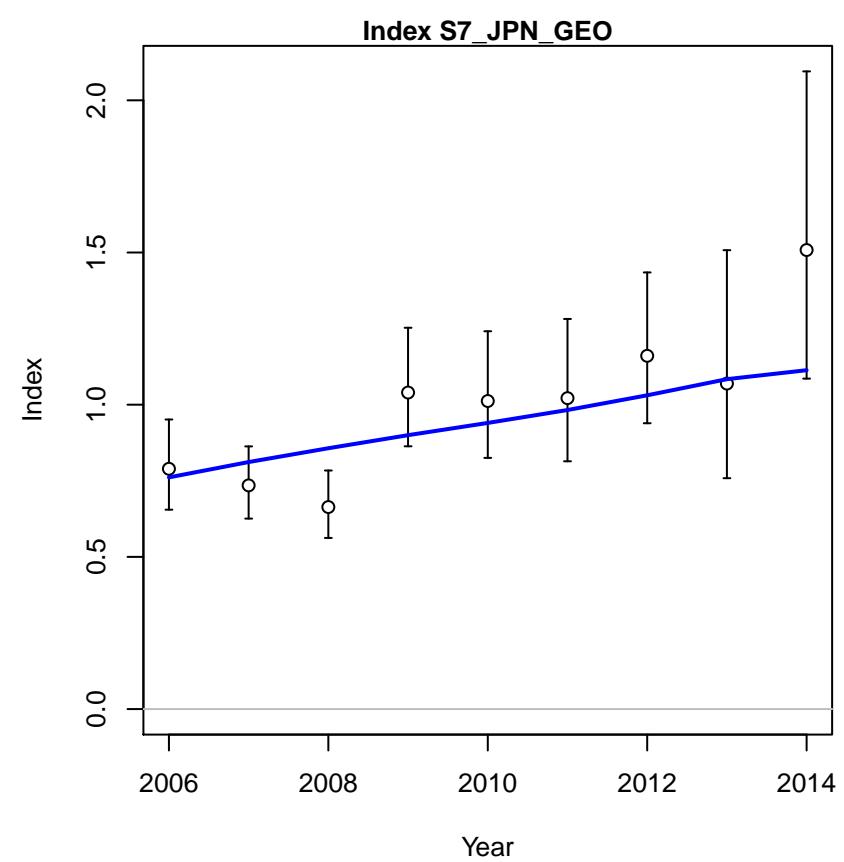
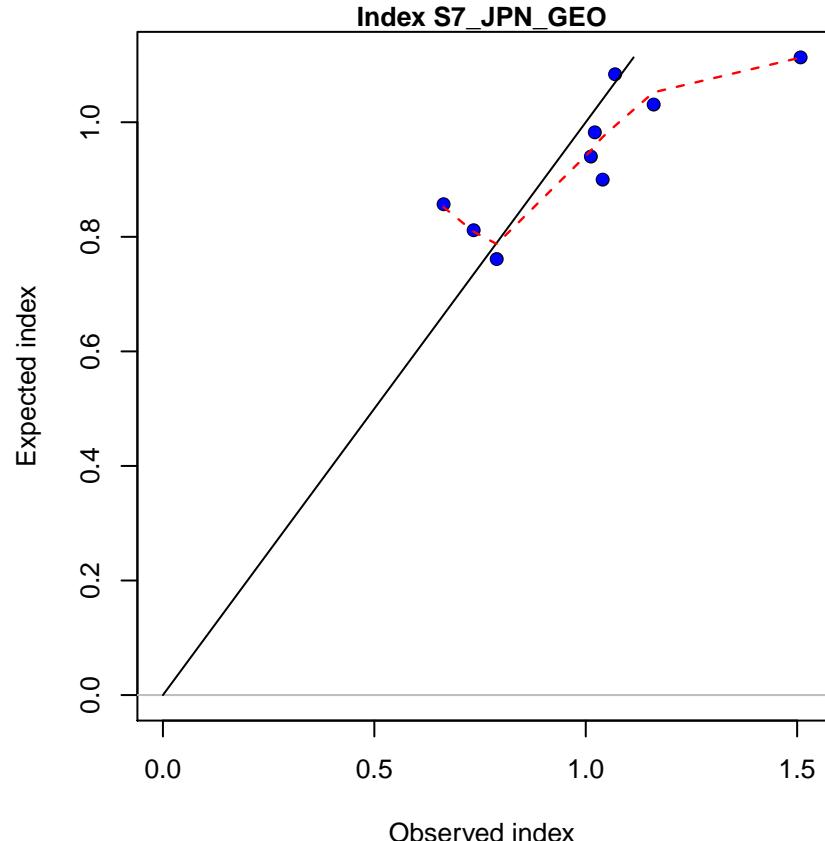
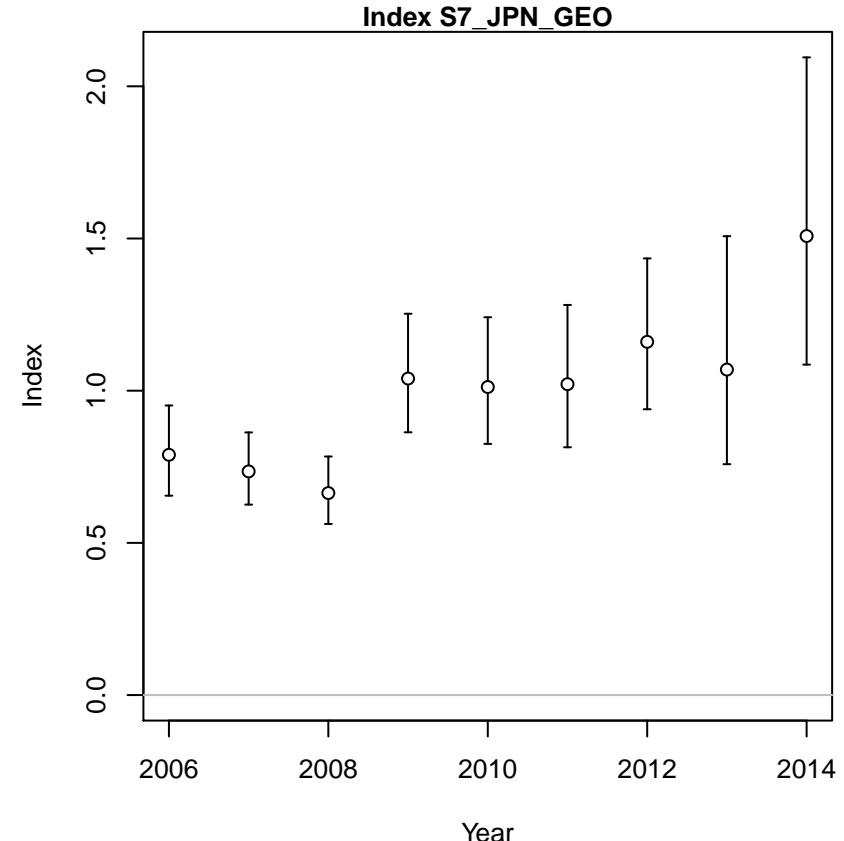
**Log index S3\_TW\_LRG****Index S4\_JPN\_SS****Log index S3\_TW\_LRG****Index S4\_JPN\_SS**











**Log index S7\_JPN\_GEO**

Log index

0.6  
0.4  
0.2  
0.0  
-0.2  
-0.4  
-0.6

2006 2008 2010 2012 2014

Year

**Log index S7\_JPN\_GEO**

Log expected index

0.1  
0.0  
-0.1  
-0.2

-0.4 -0.2 0.0 0.2 0.4

Log observed index

**Index S8\_MEX**

Index

3.5  
3.0  
2.5  
2.0  
1.5  
1.0  
0.5  
0.0

2006 2008 2010 2012 2014 2016

Year

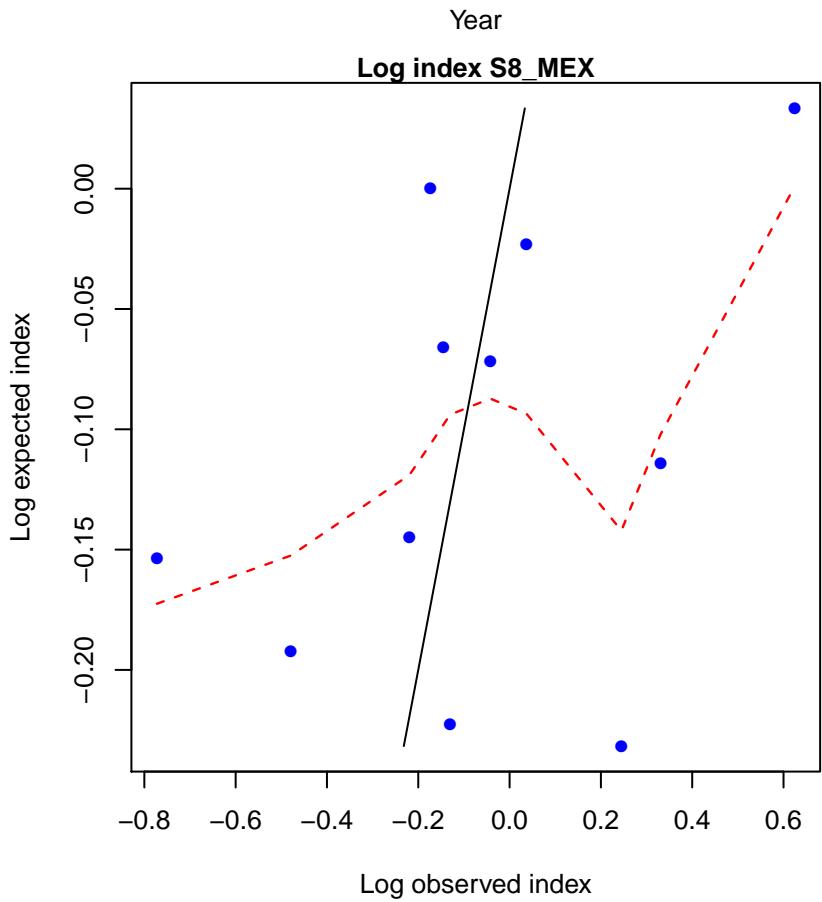
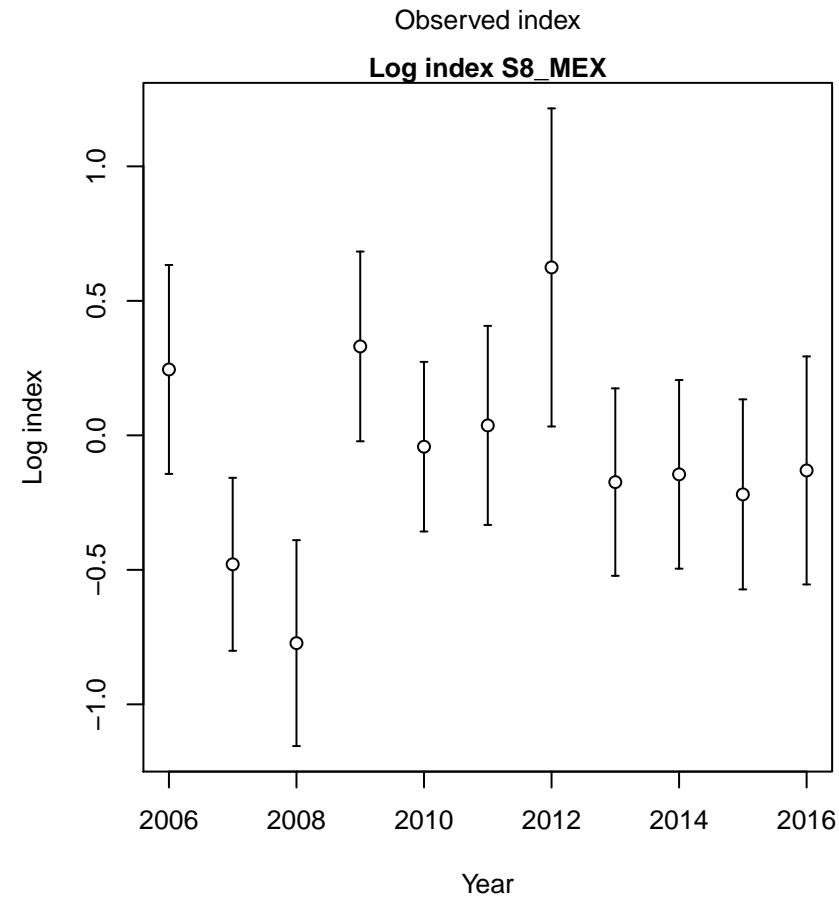
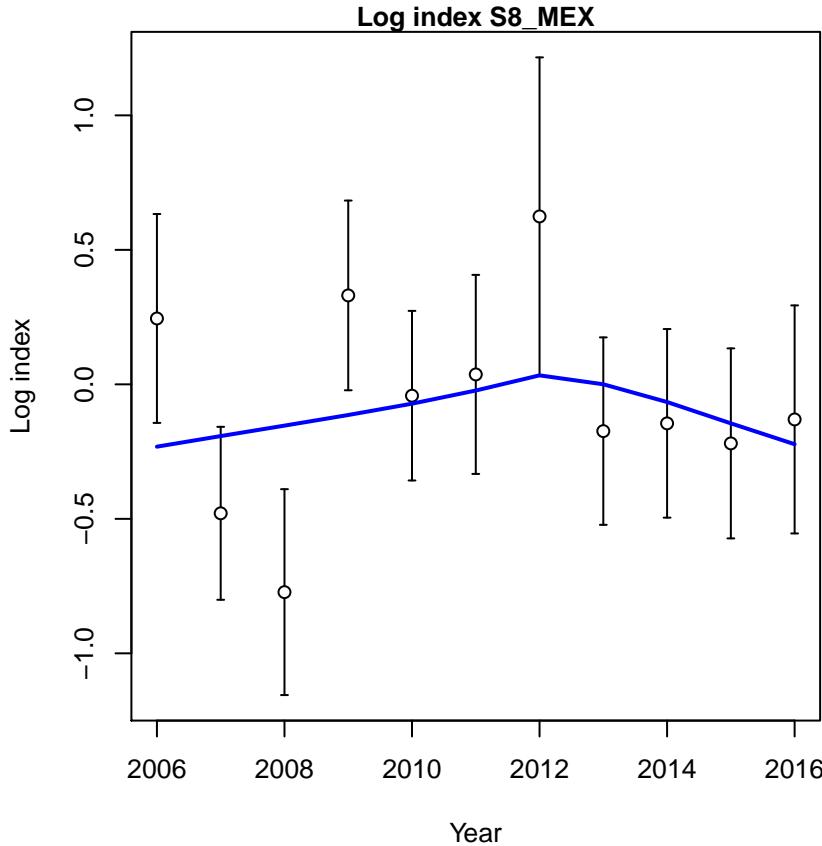
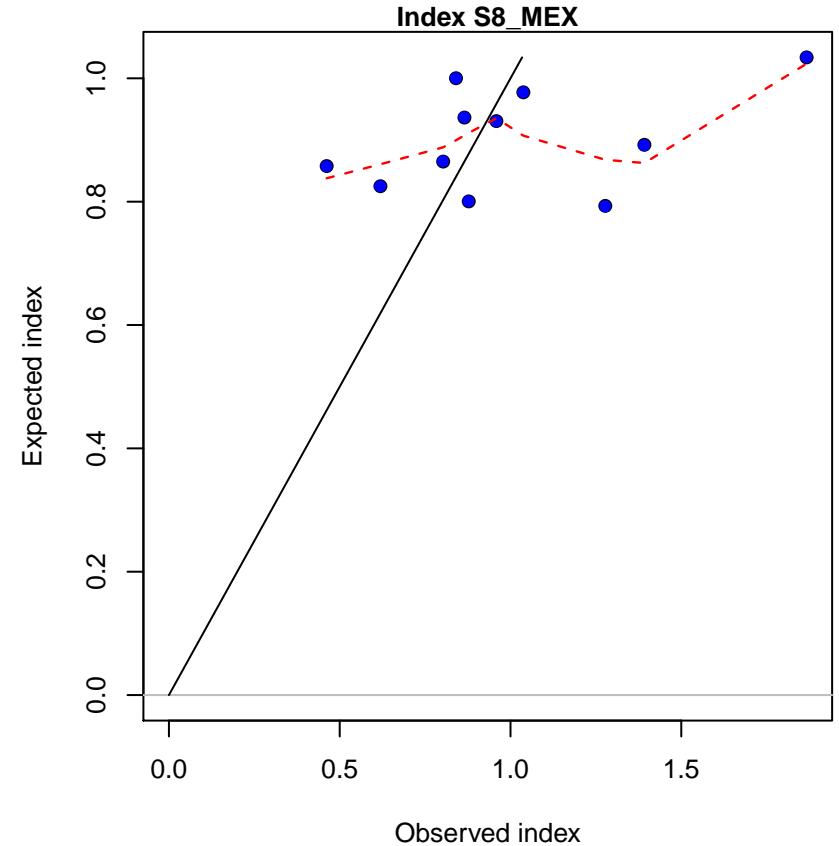
**Index S8\_MEX**

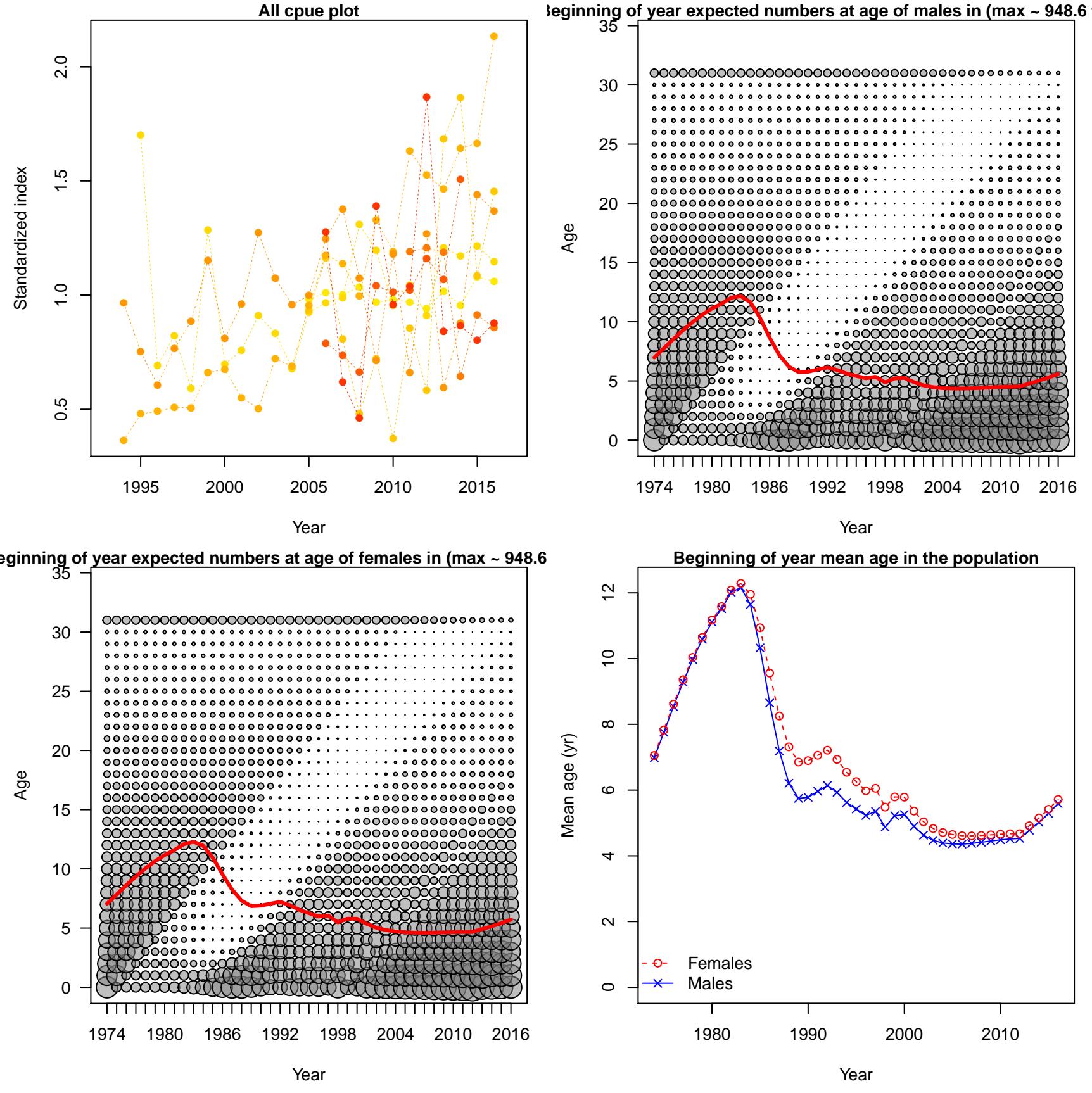
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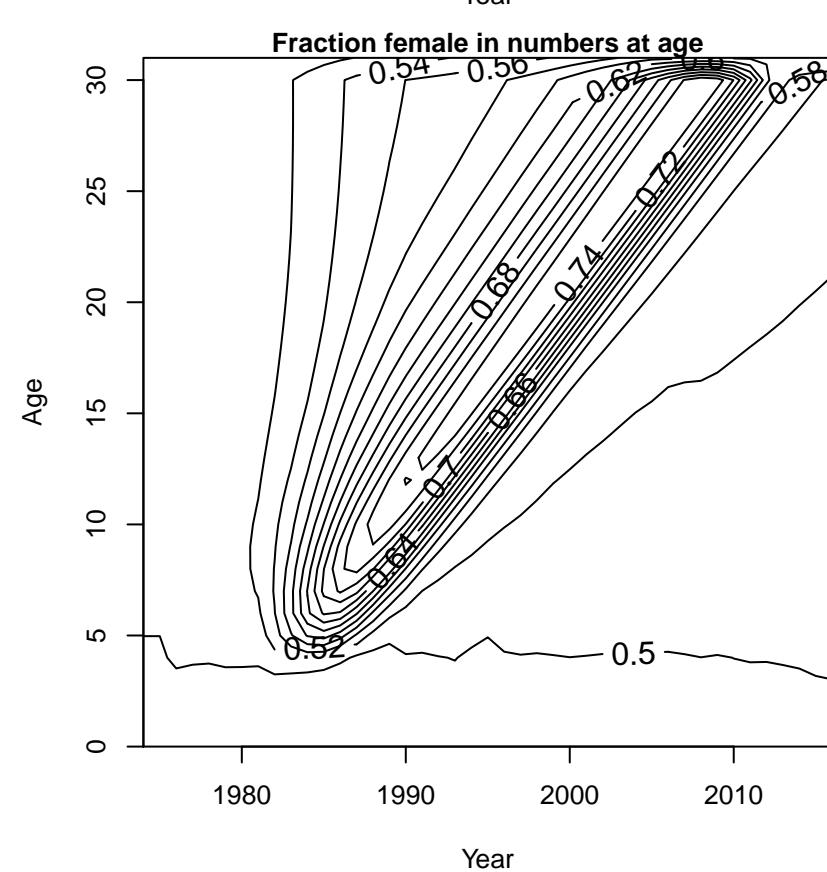
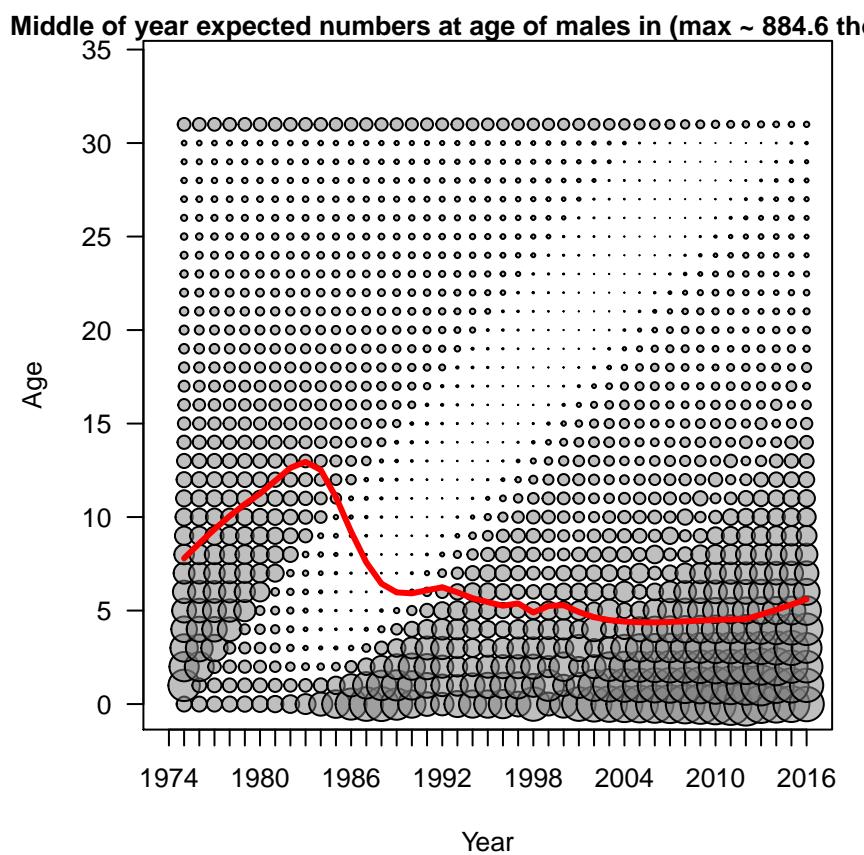
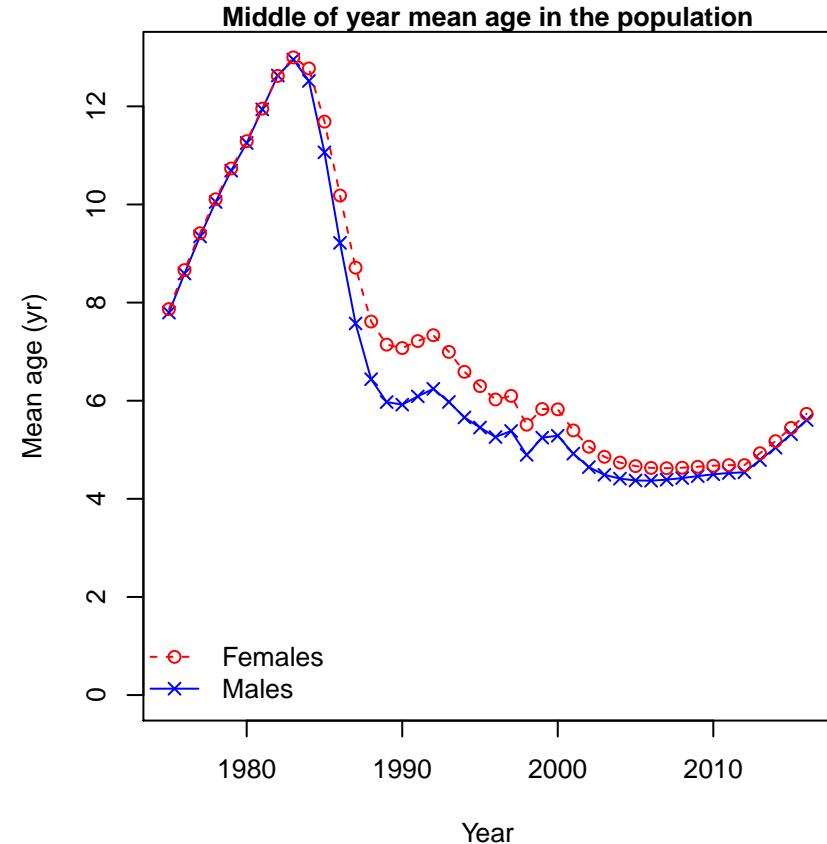
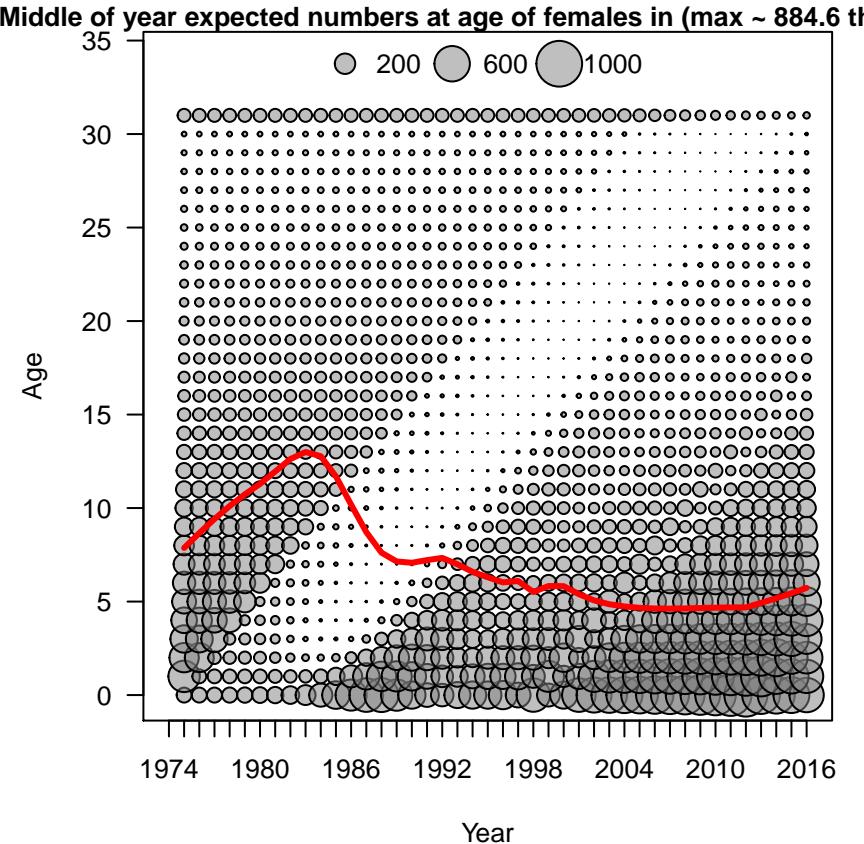
3.5  
3.0  
2.5  
2.0  
1.5  
1.0  
0.5  
0.0

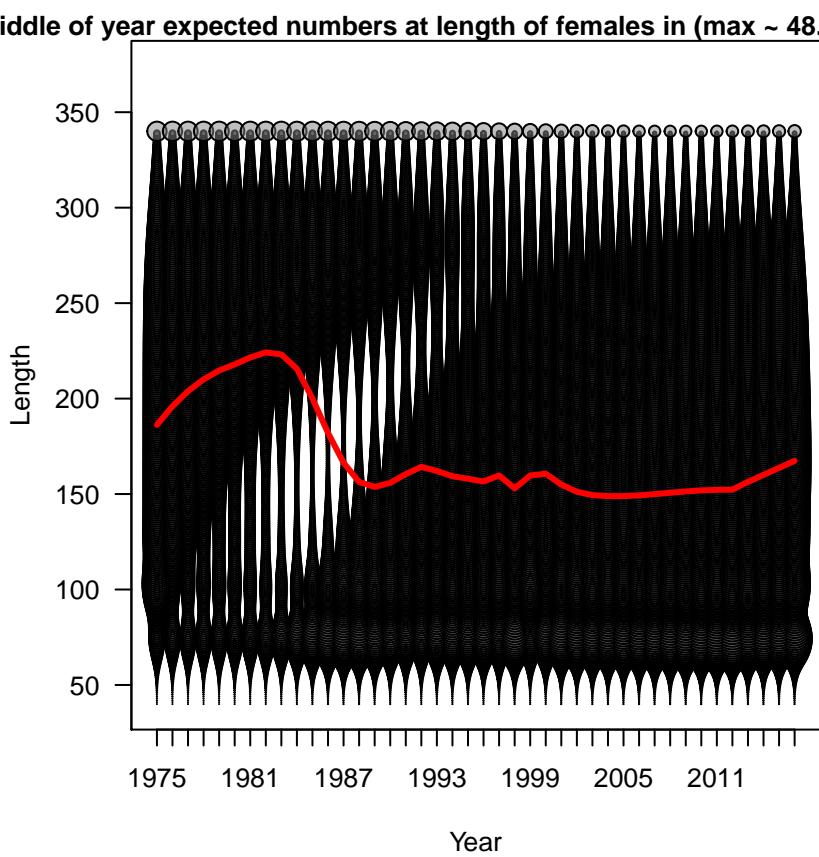
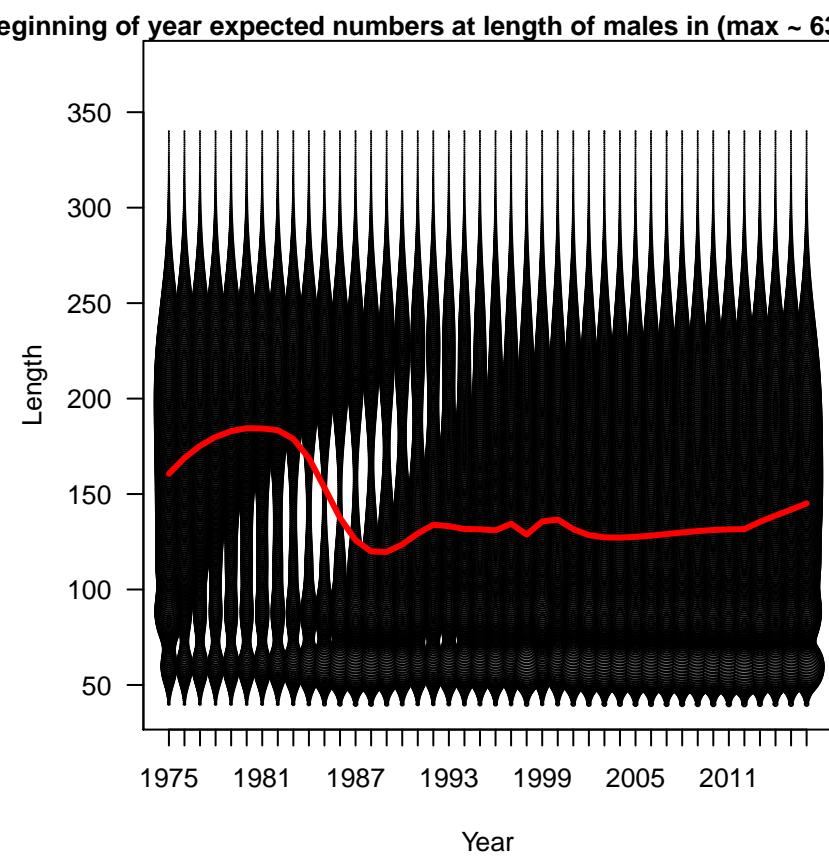
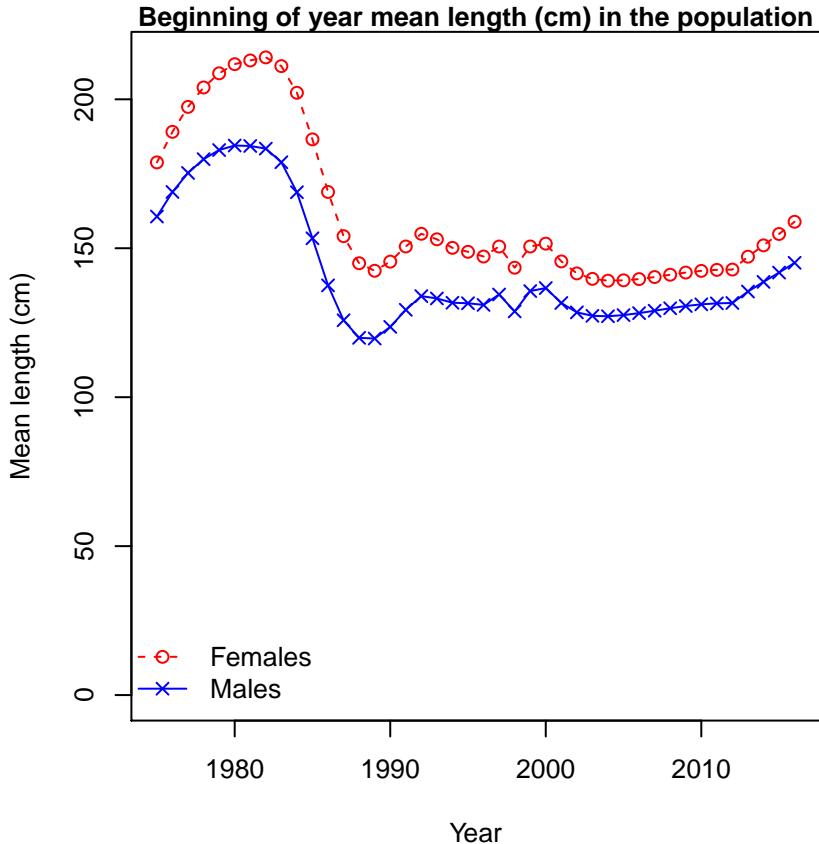
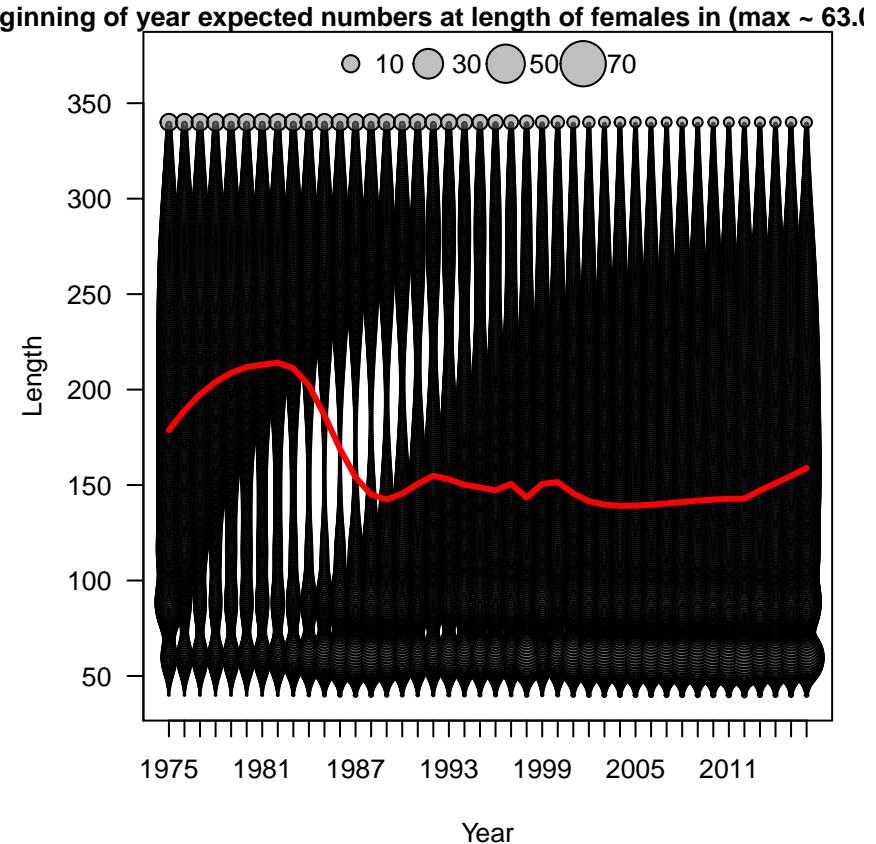
2006 2008 2010 2012 2014 2016

Year

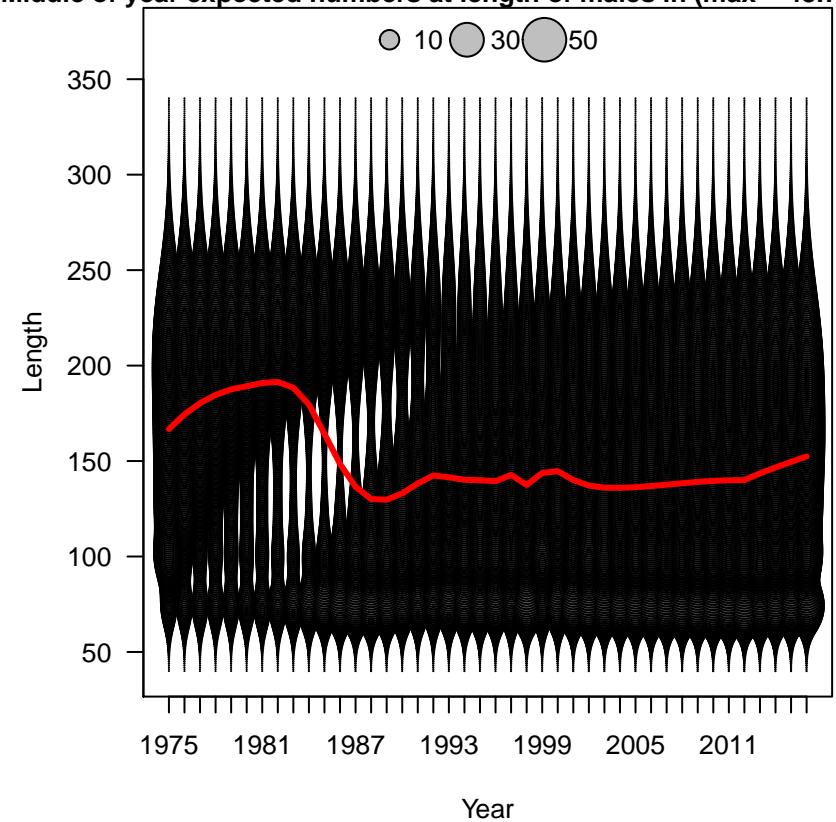




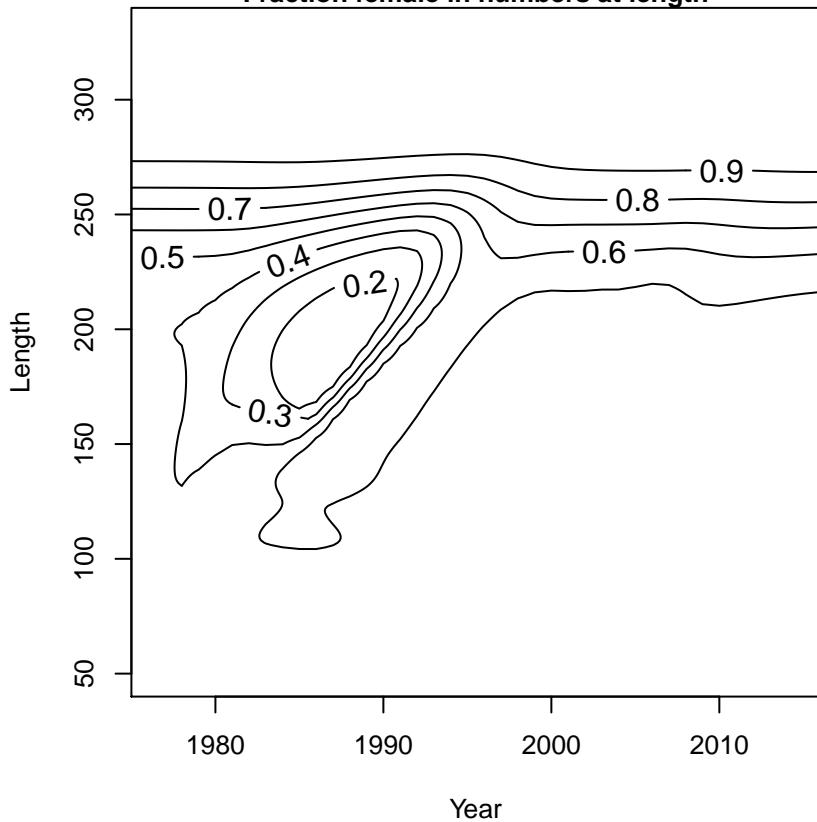




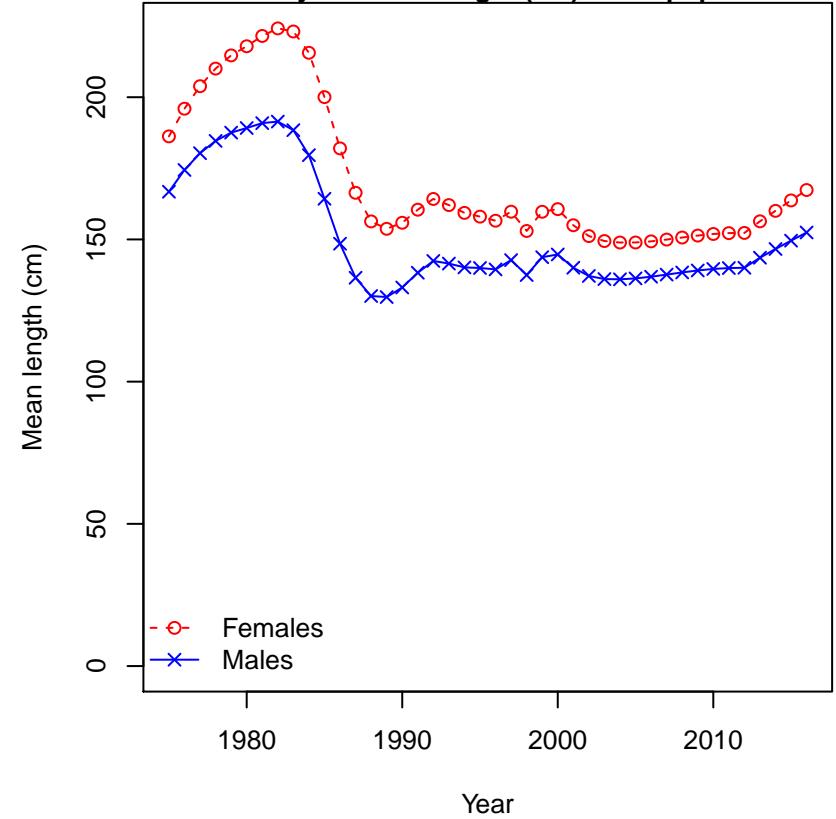
Middle of year expected numbers at length of males in (max ~ 48.7 tr)



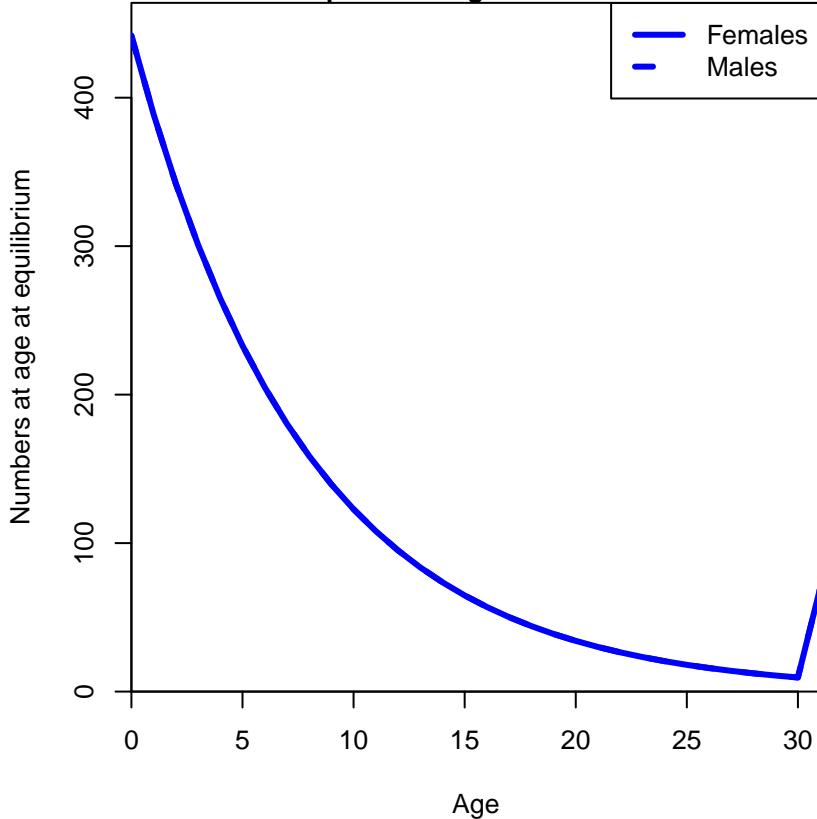
Fraction female in numbers at length

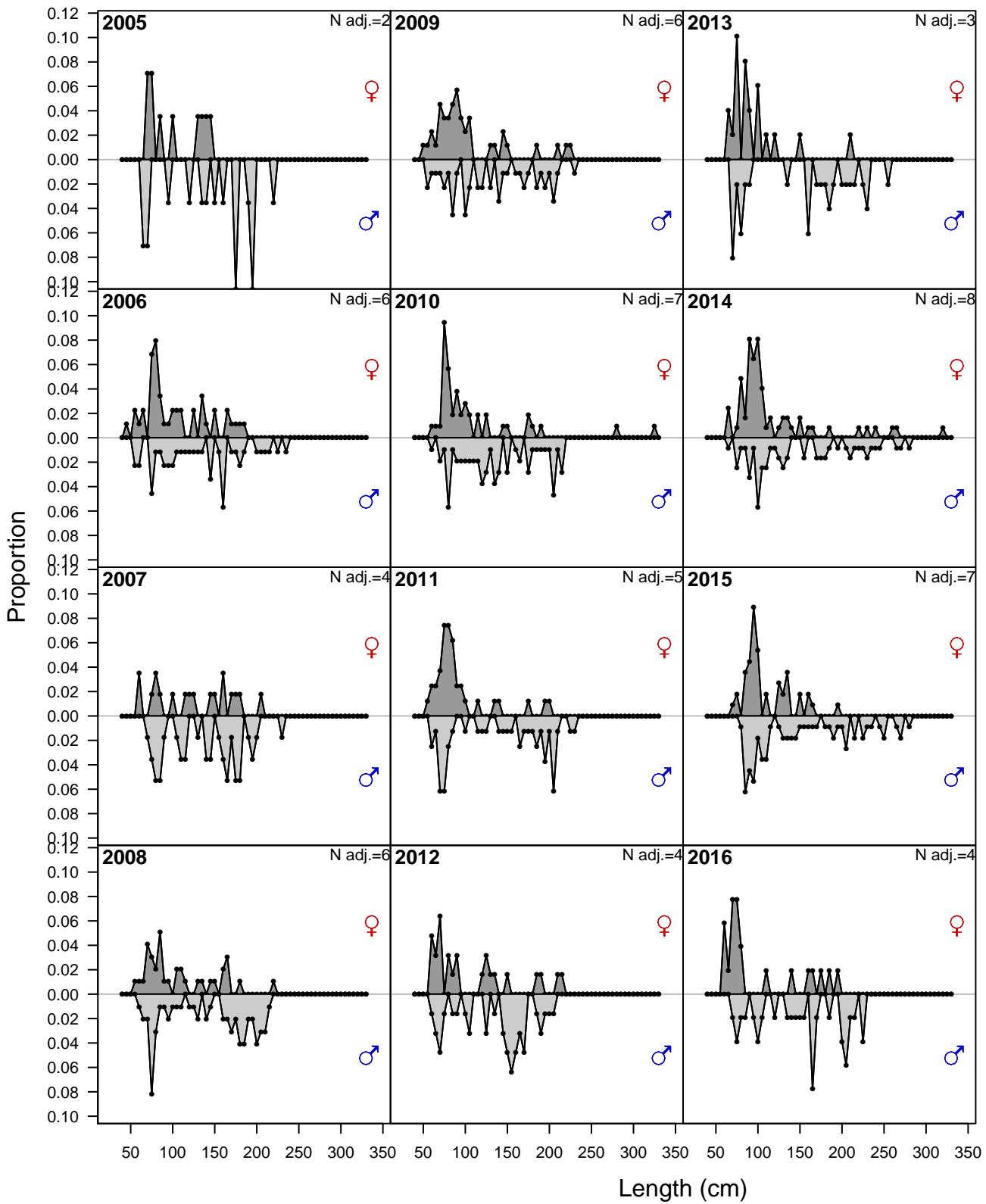


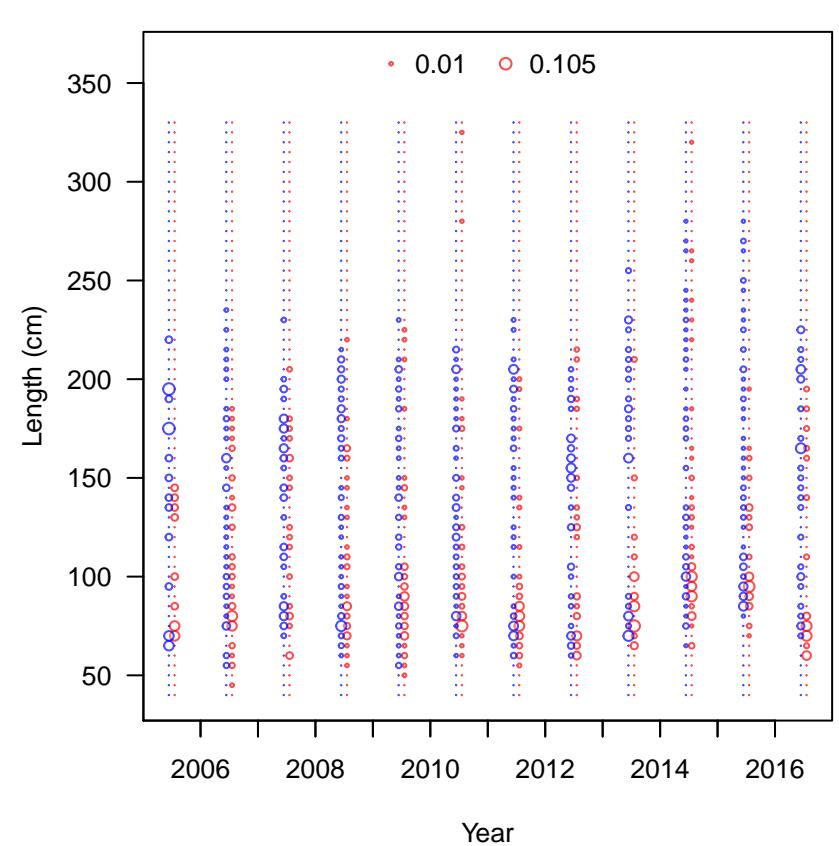
Middle of year mean length (cm) in the population



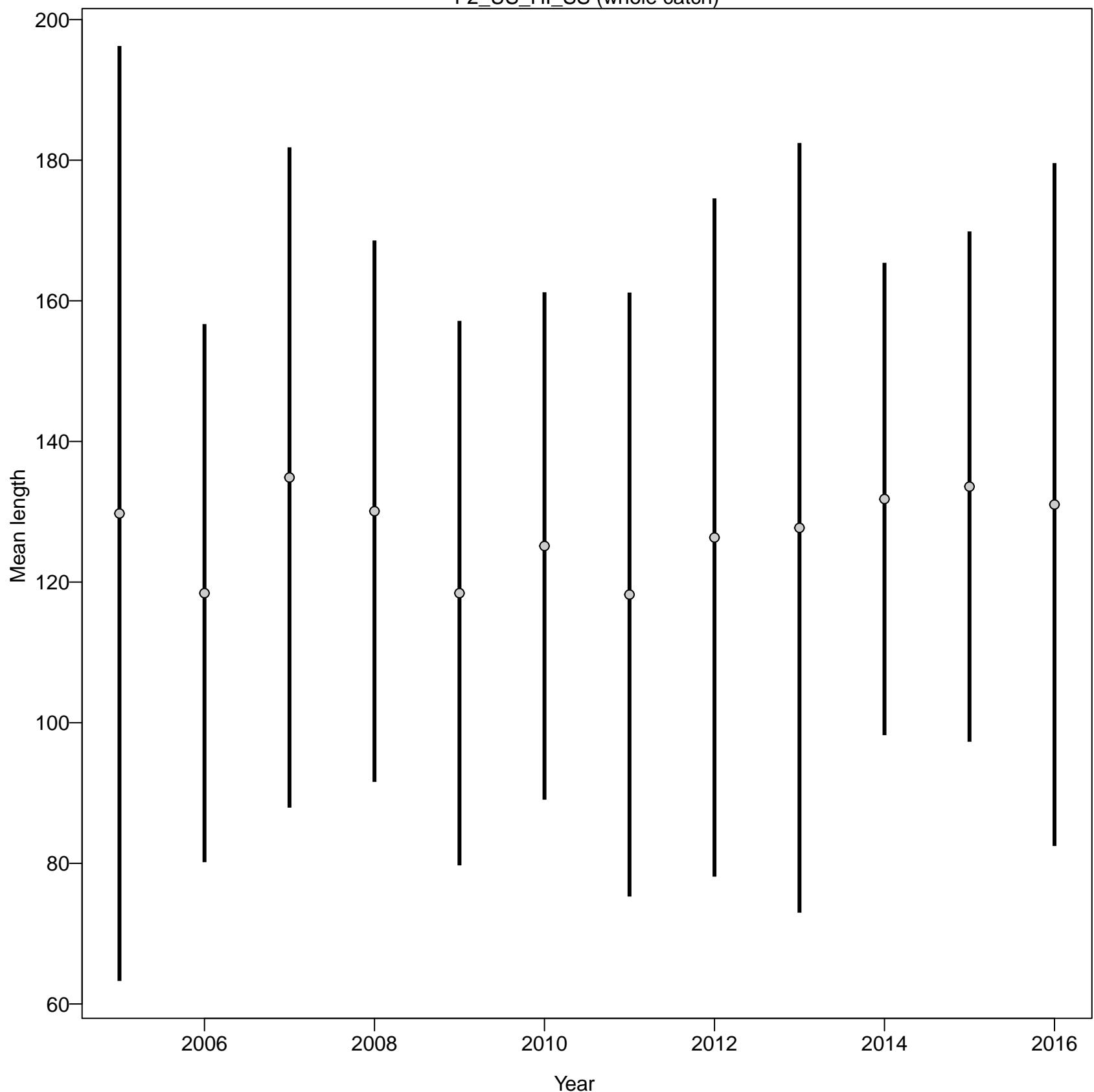
Equilibrium age distribution

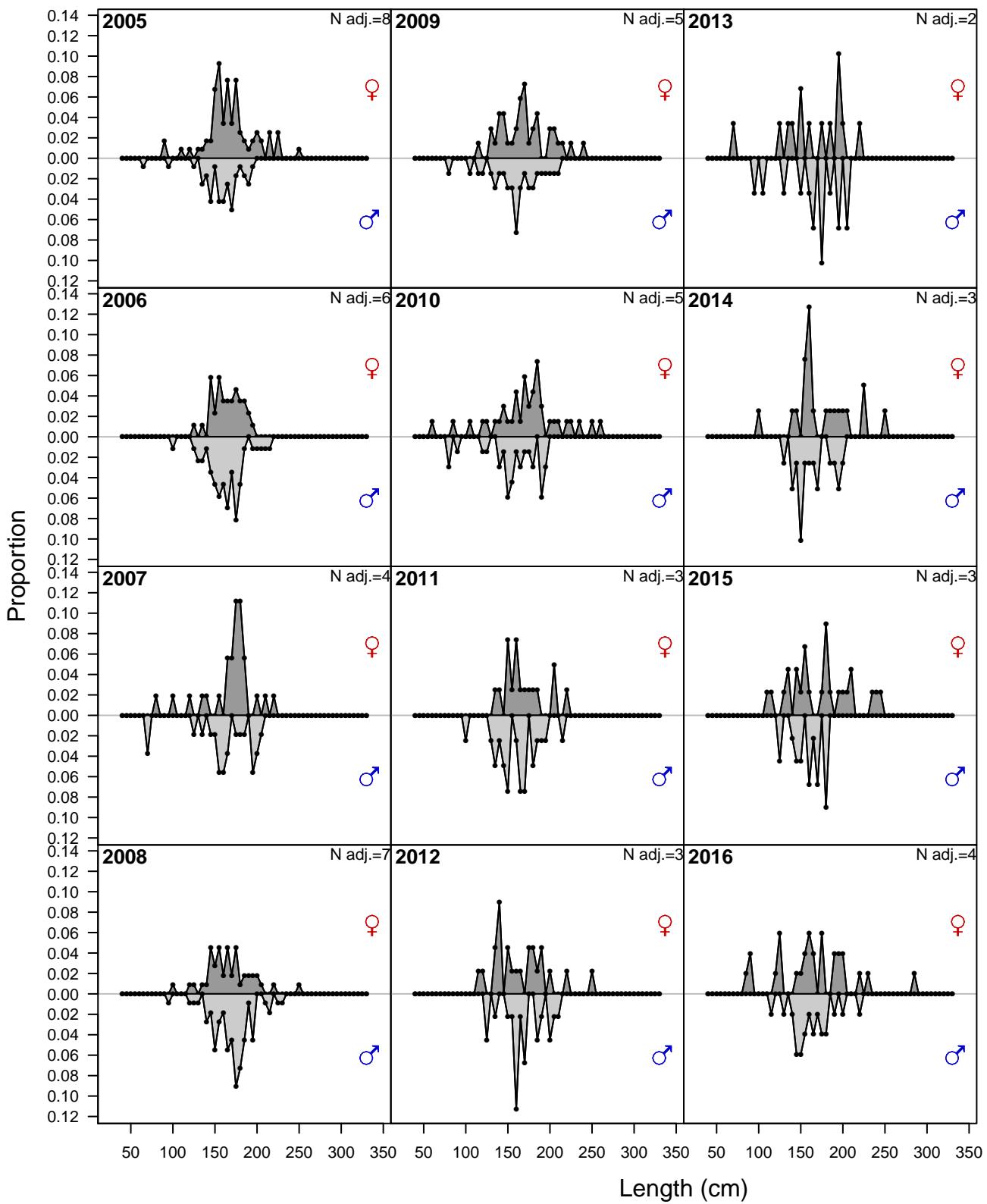


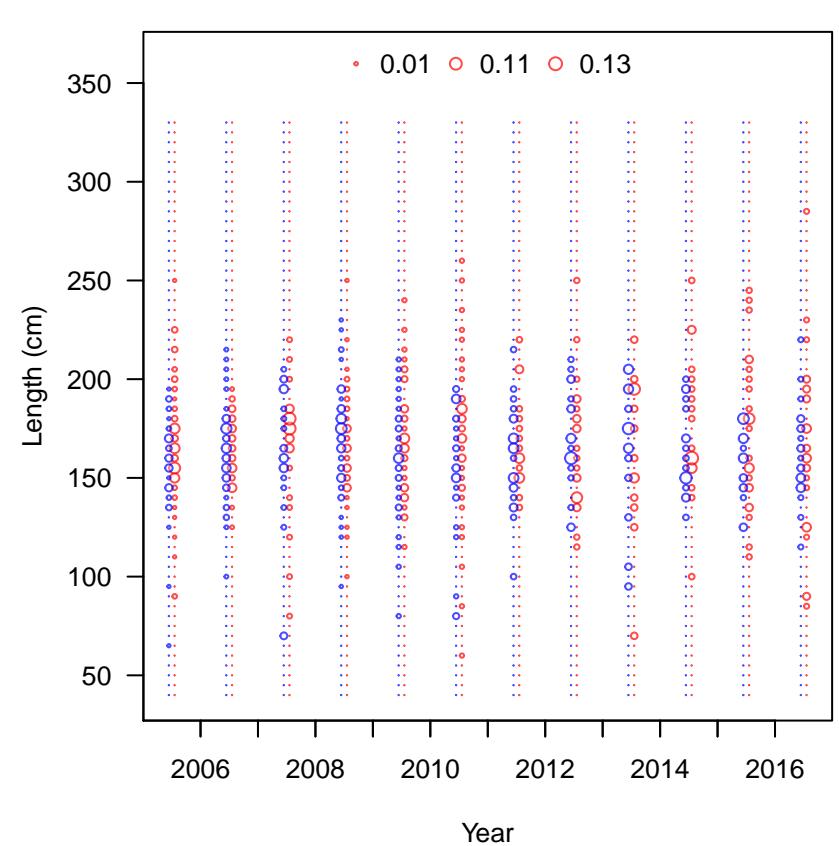




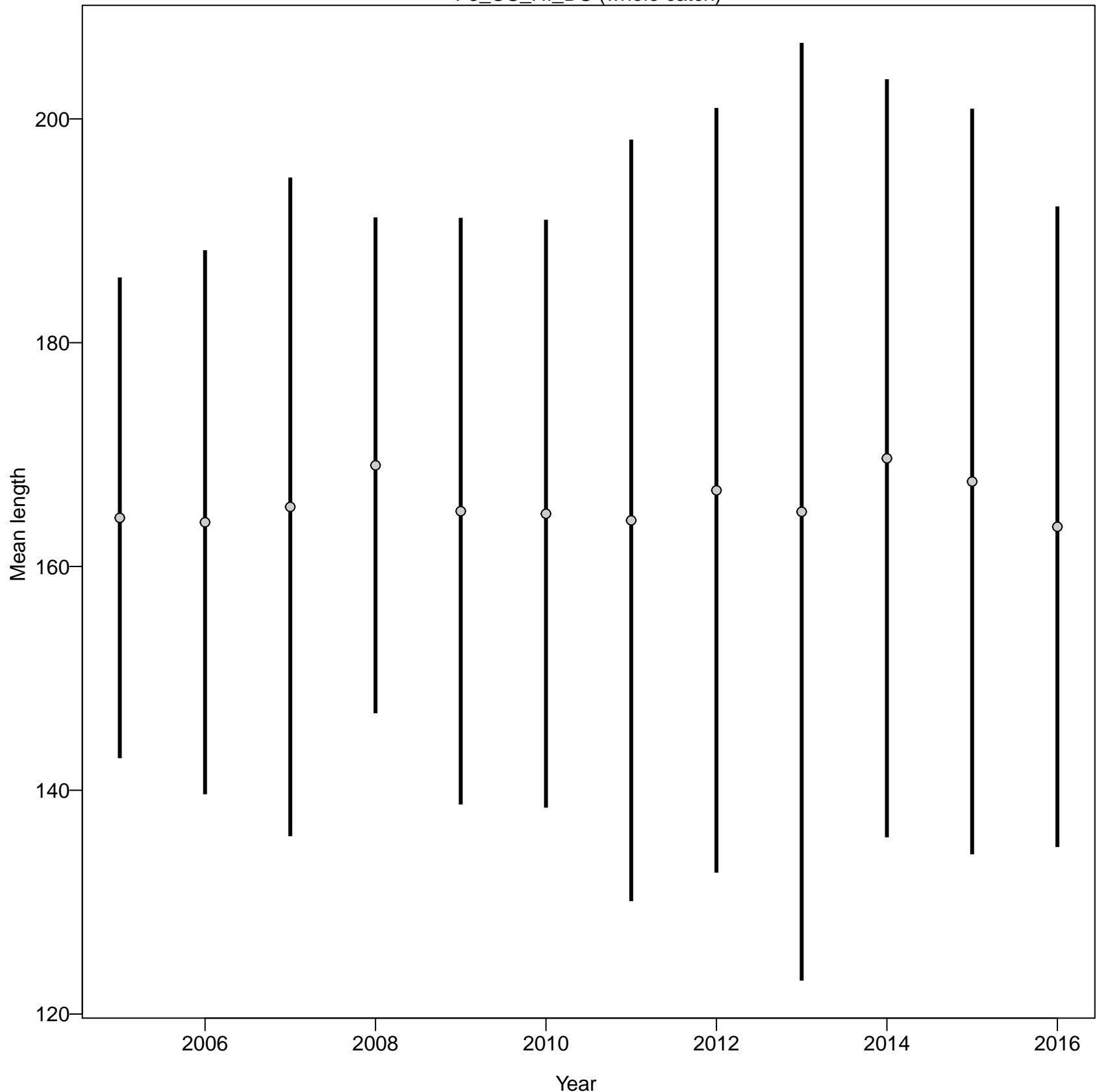
F2\_US\_HI\_SS (whole catch)

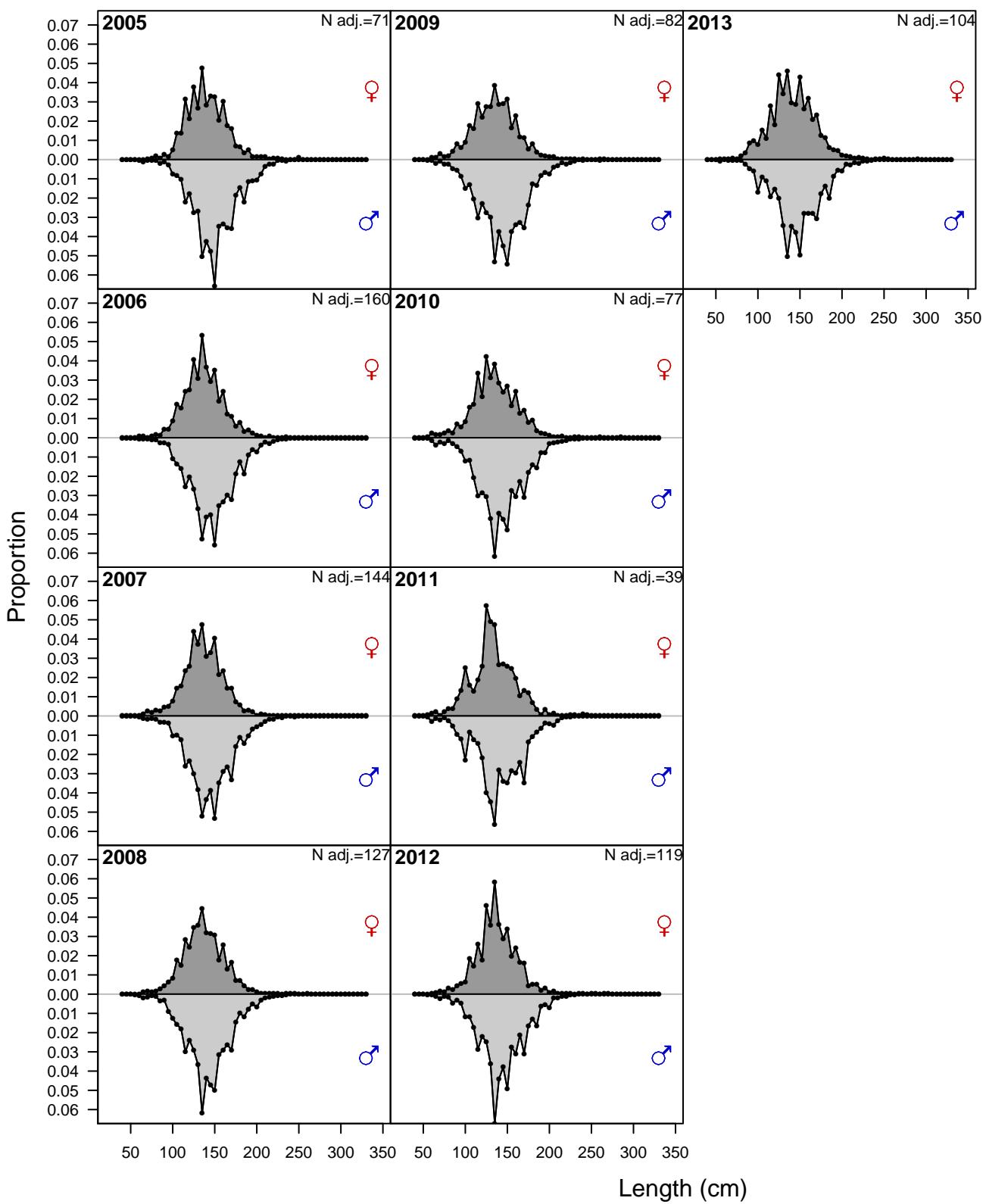


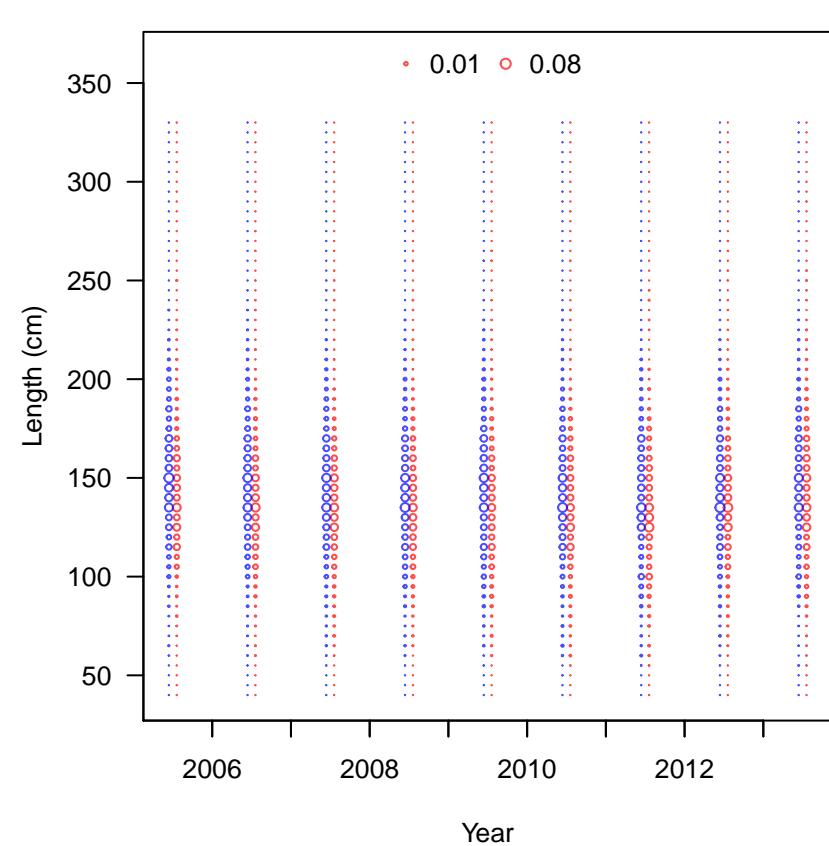




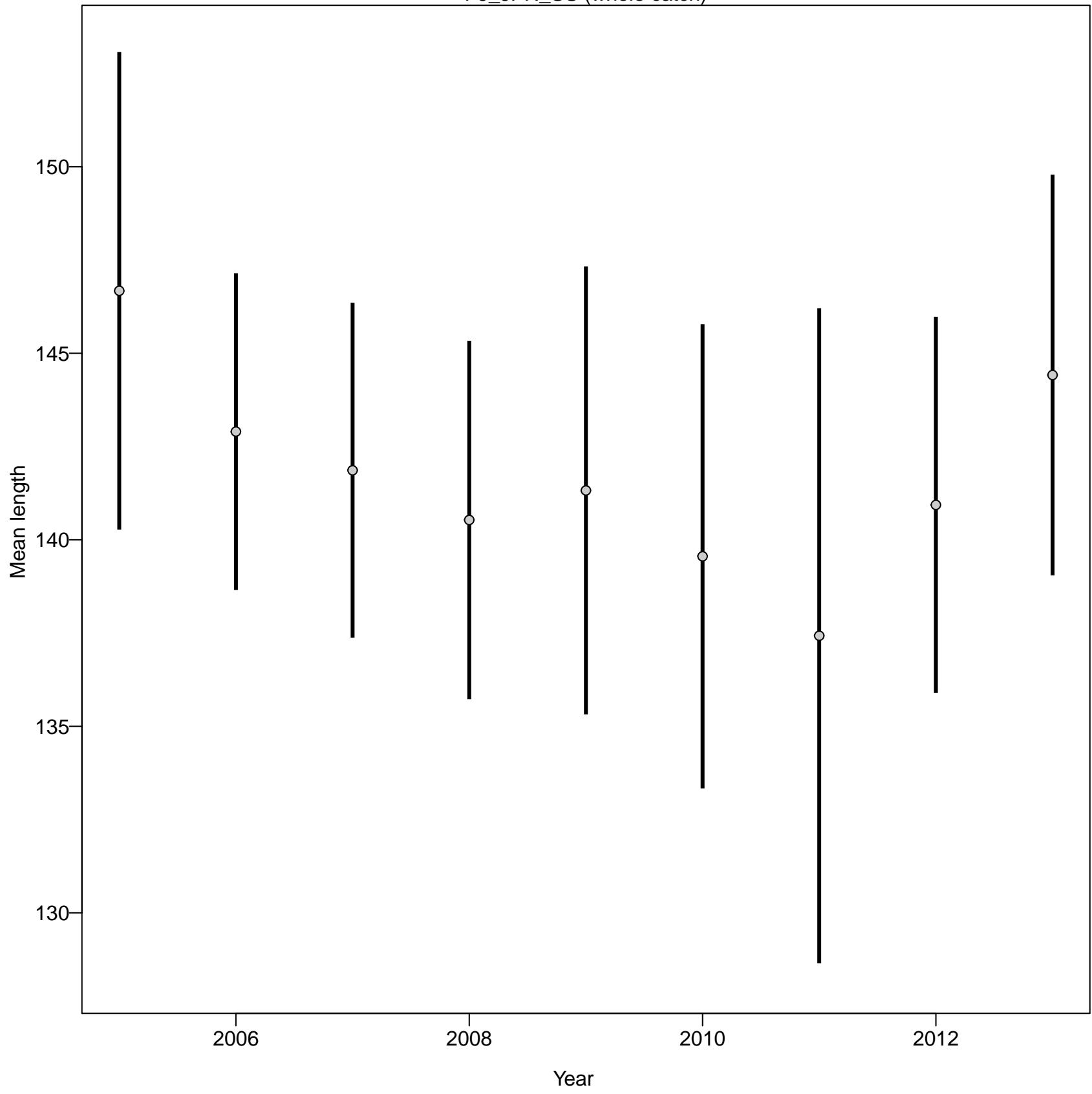
F3\_US\_HI\_DS (whole catch)

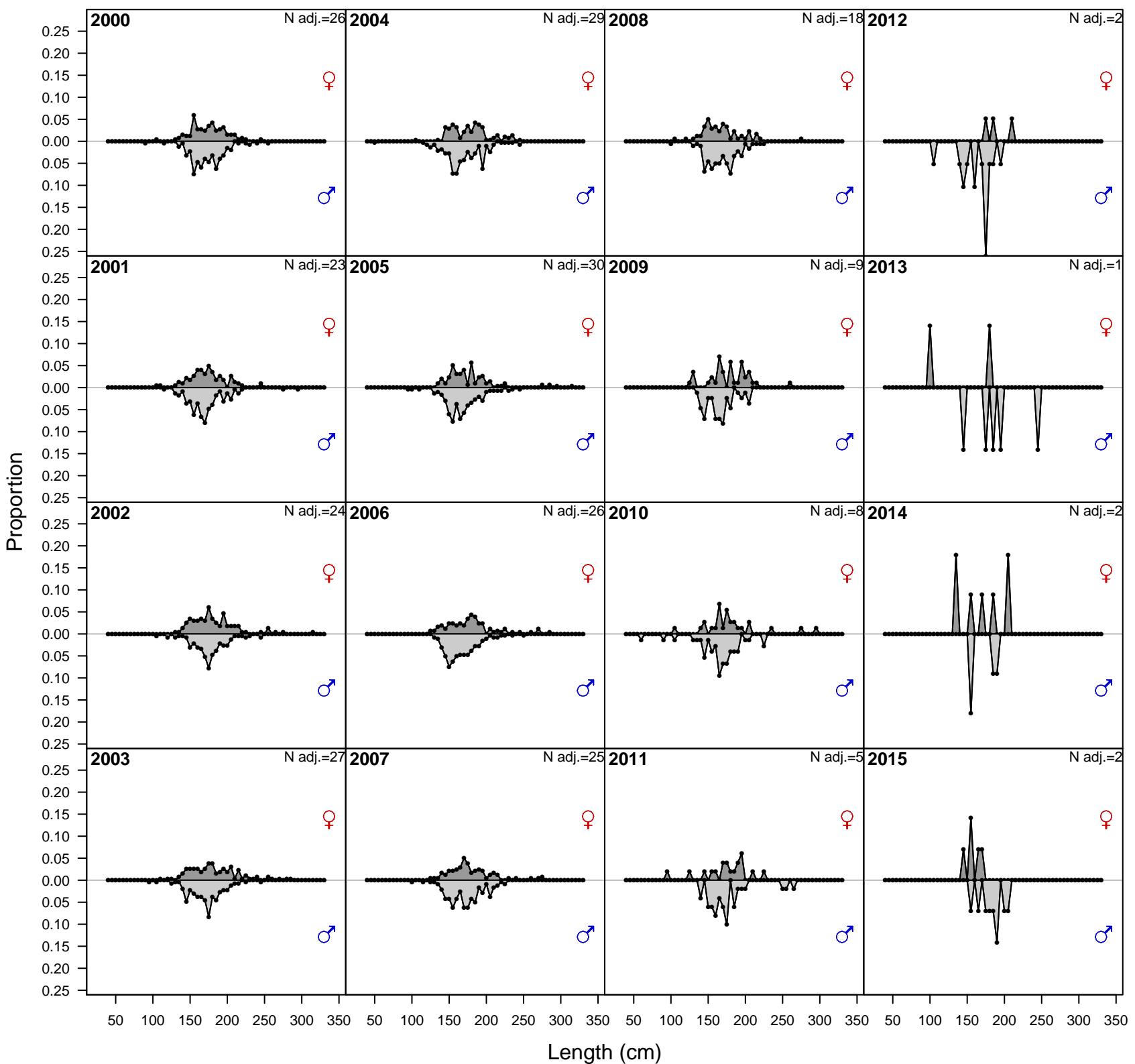




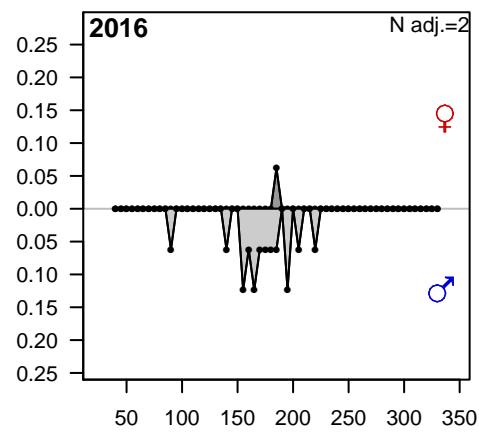


### F9\_JPN\_SS (whole catch)

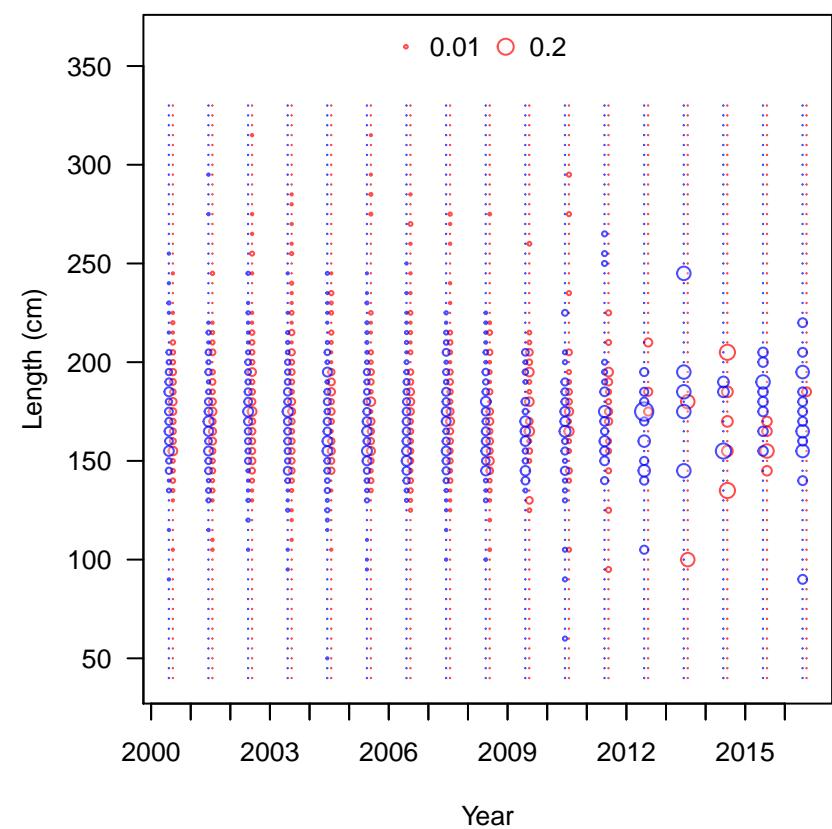




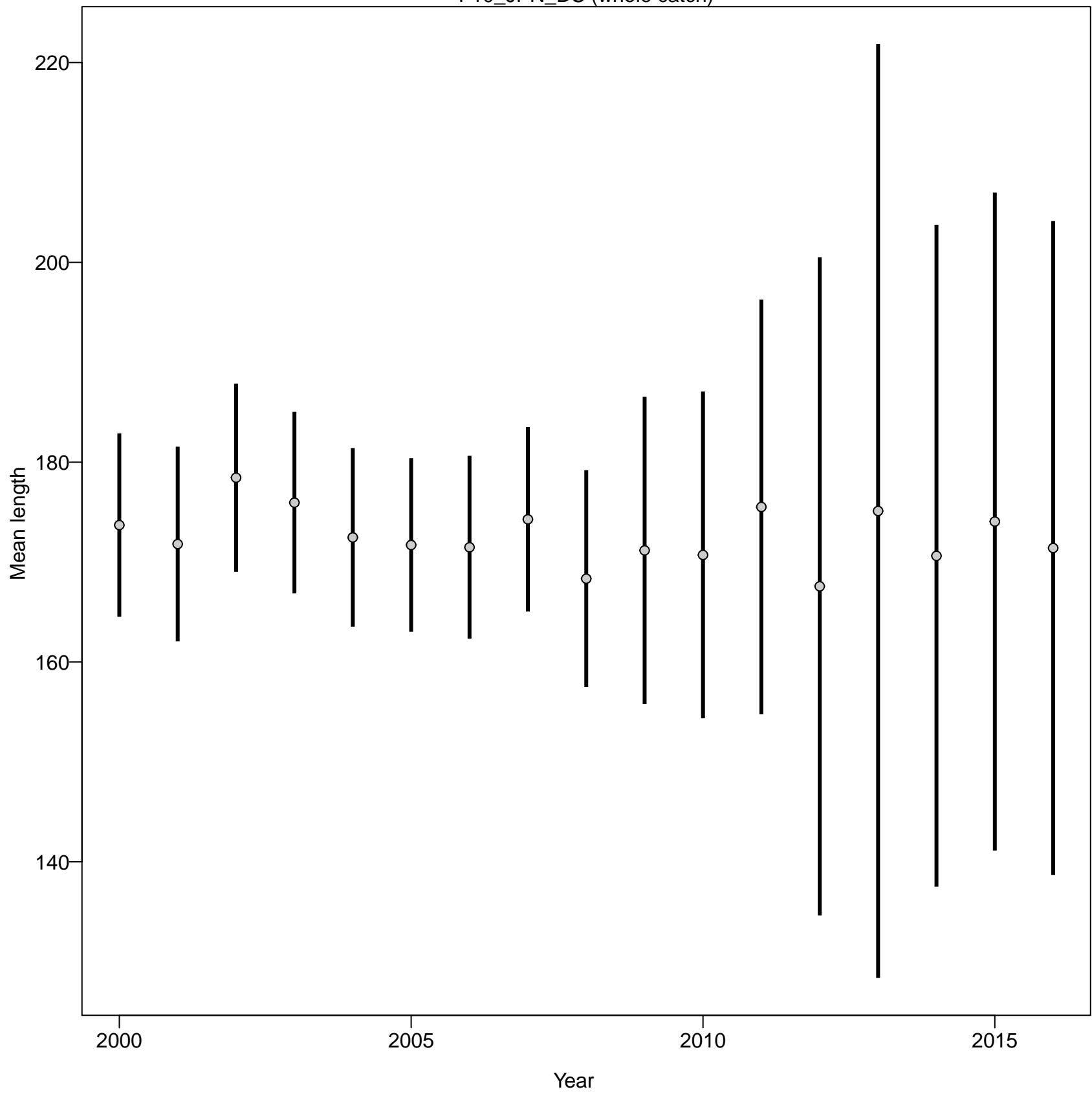
Proportion

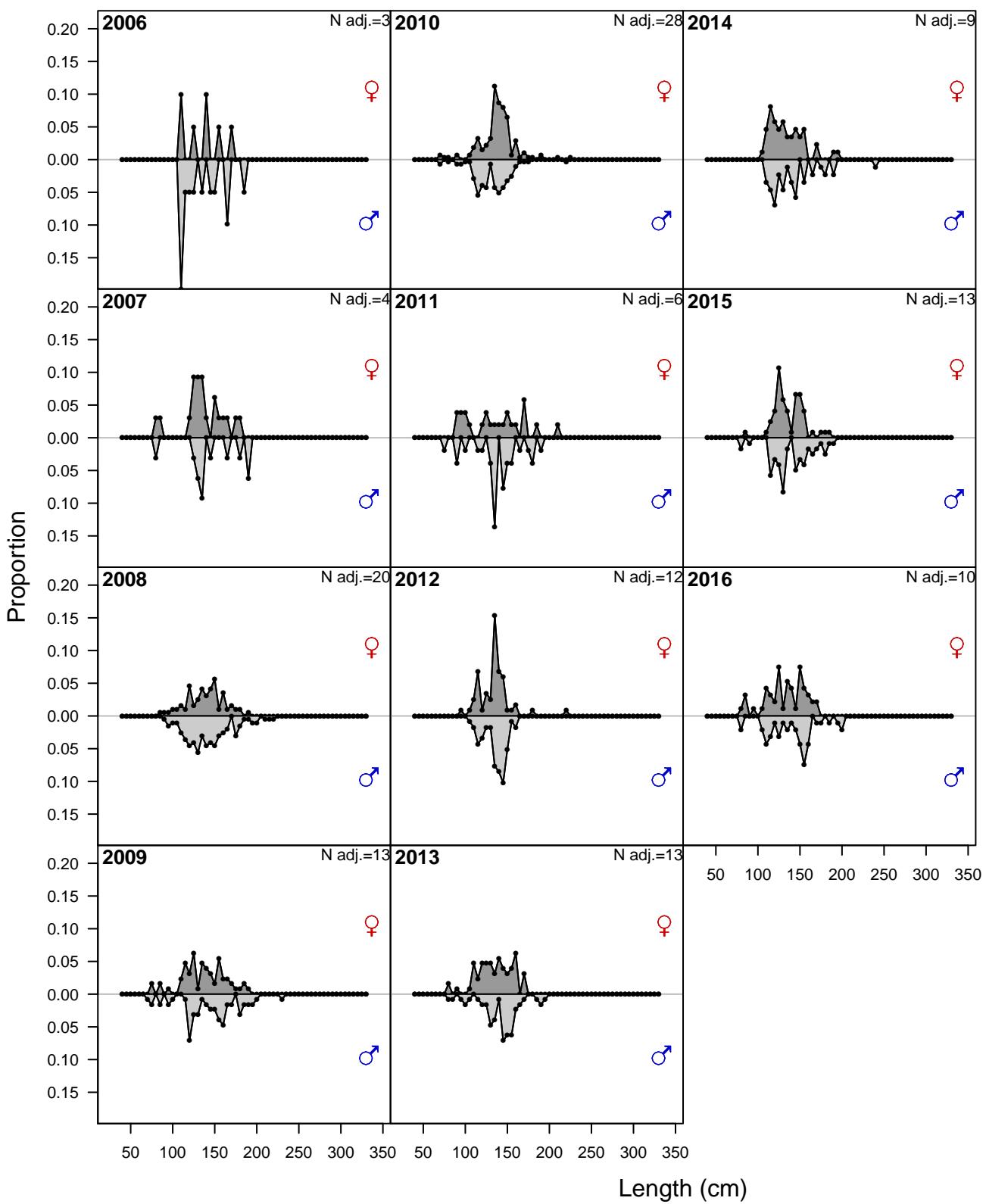


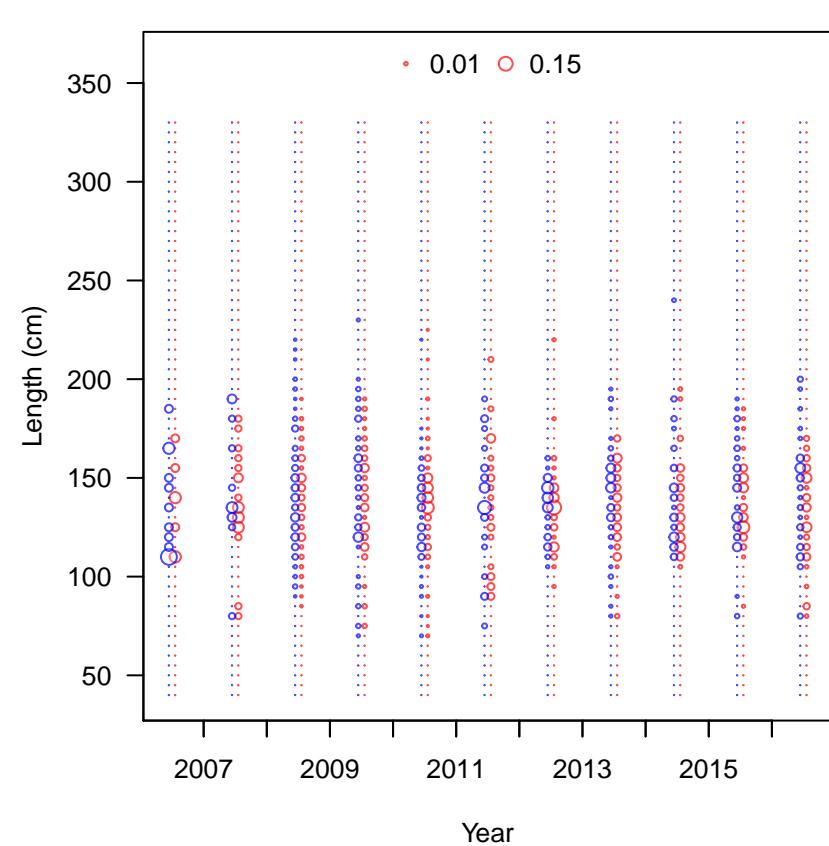
Length (cm)



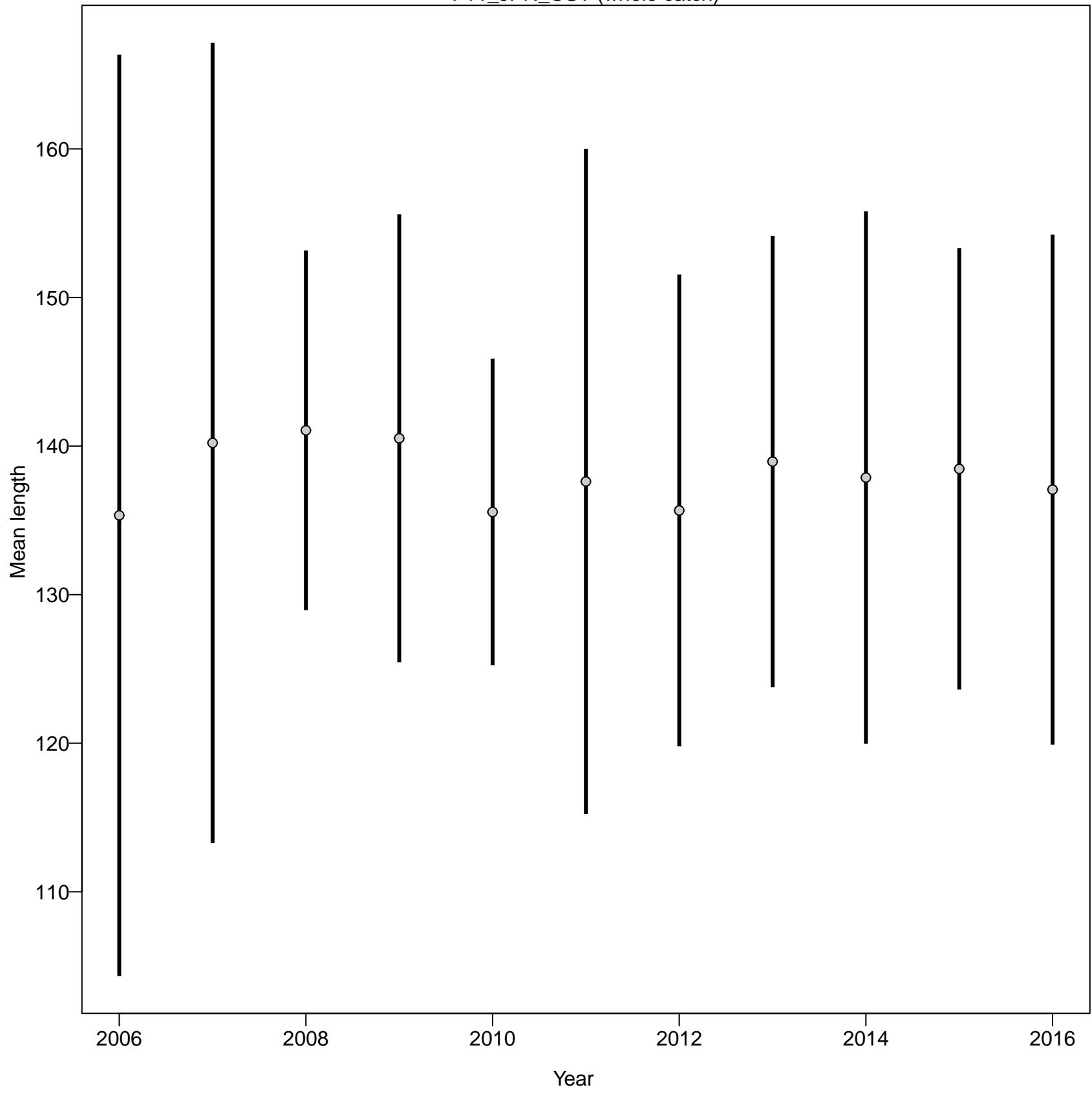
F10\_JPN\_DS (whole catch)

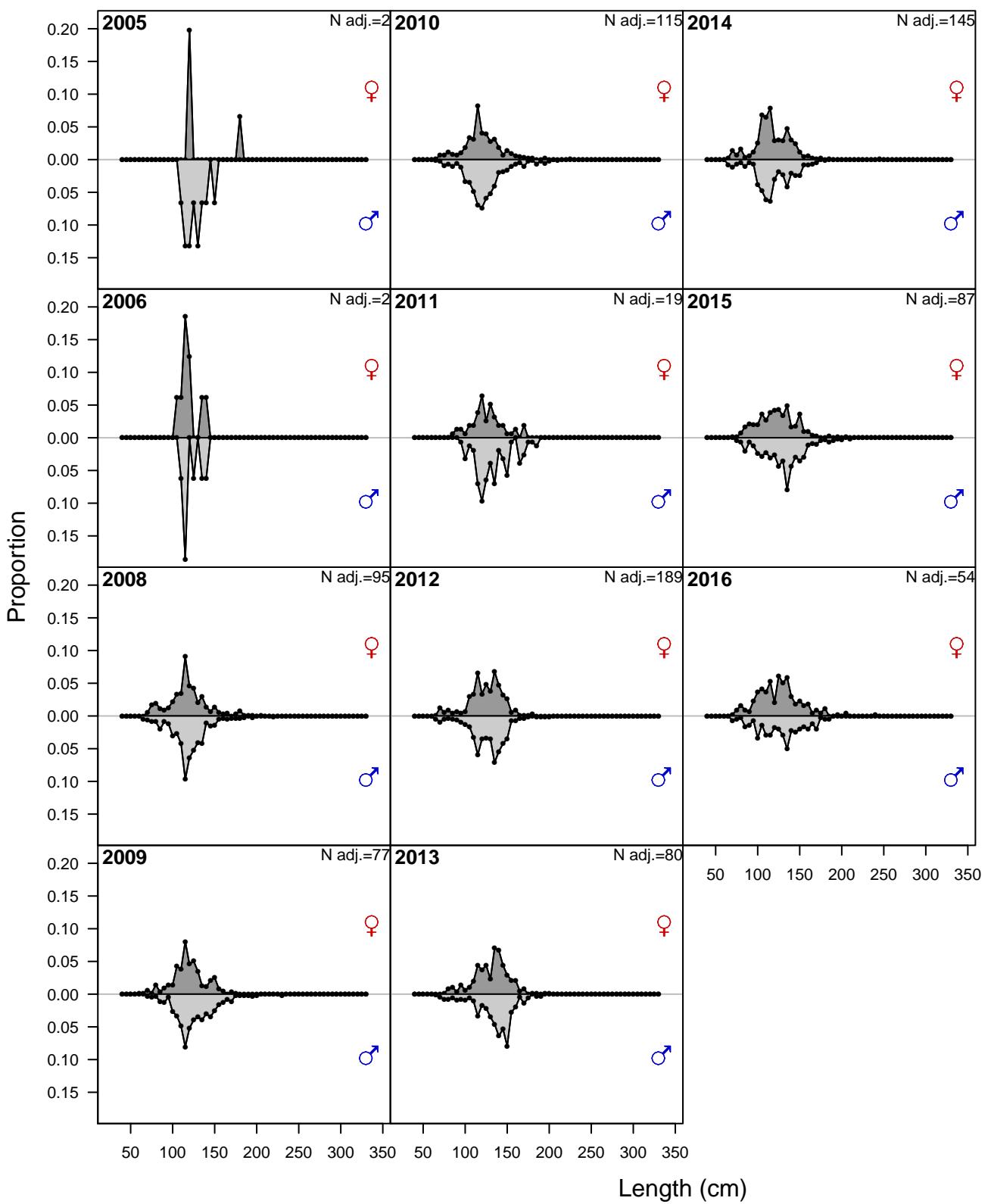


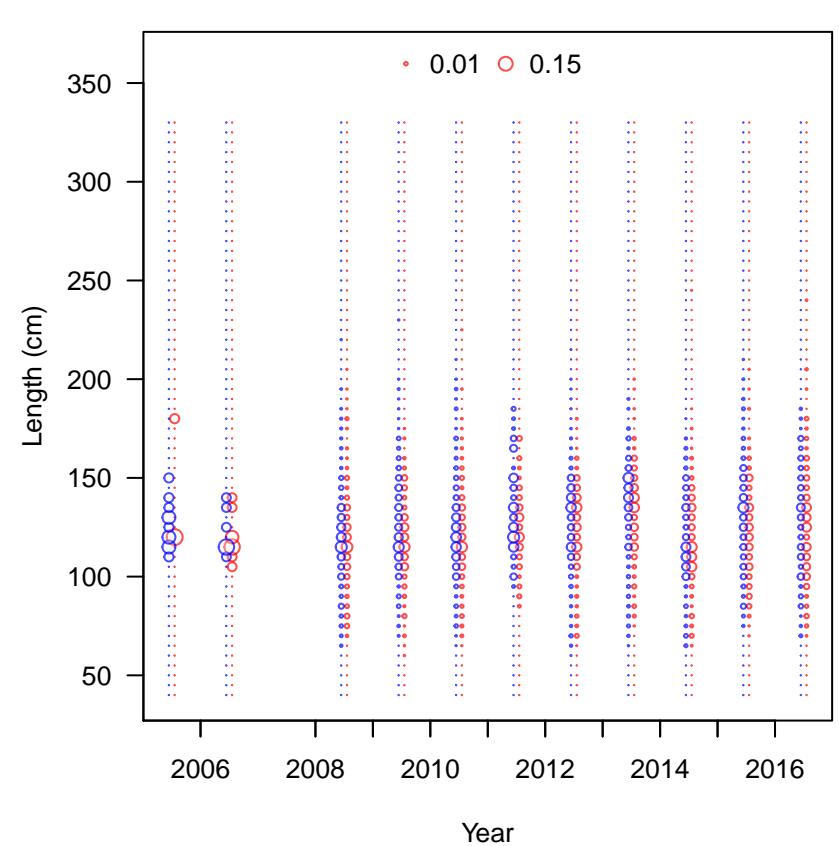




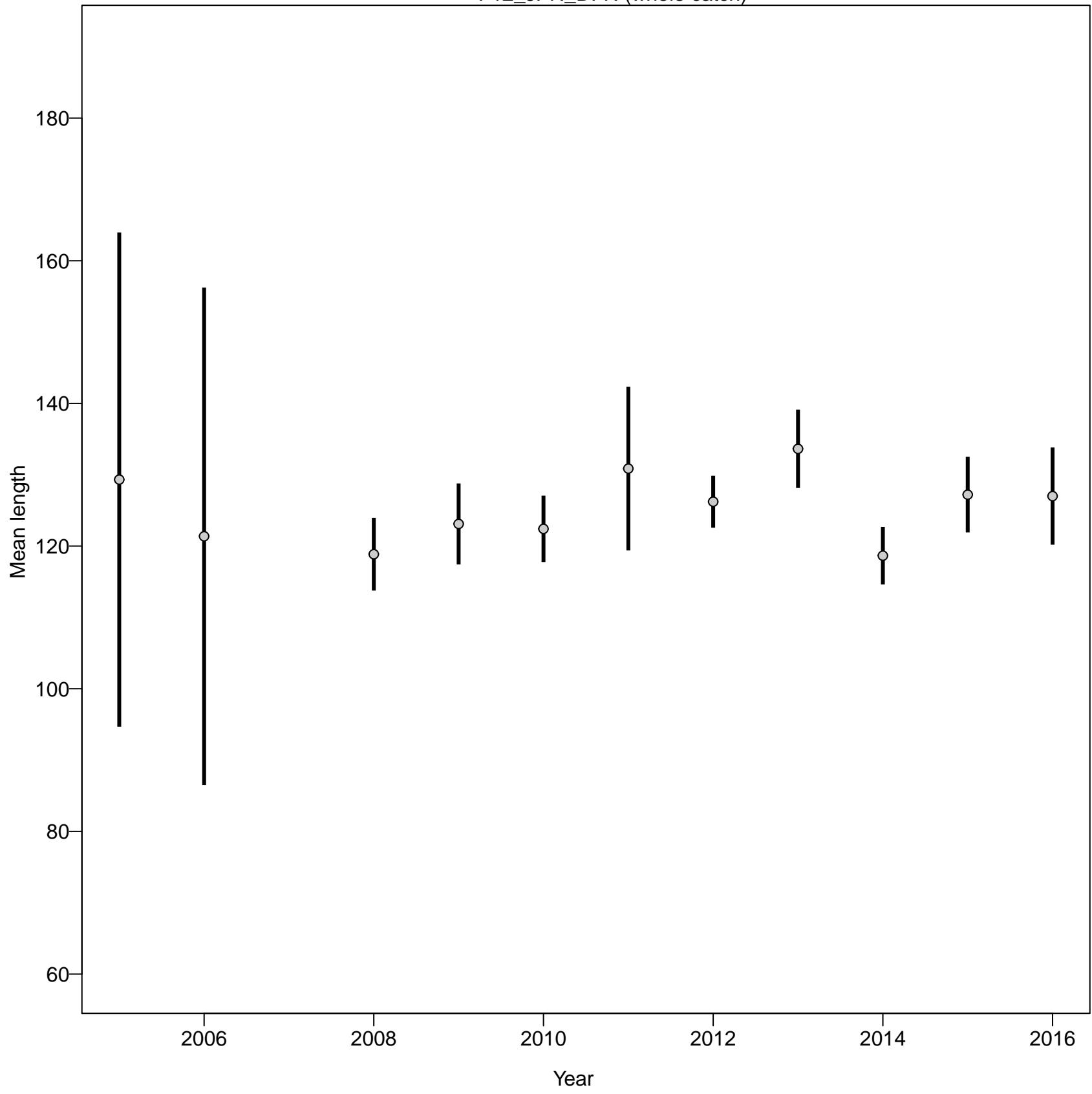
F11\_JPN\_CST (whole catch)

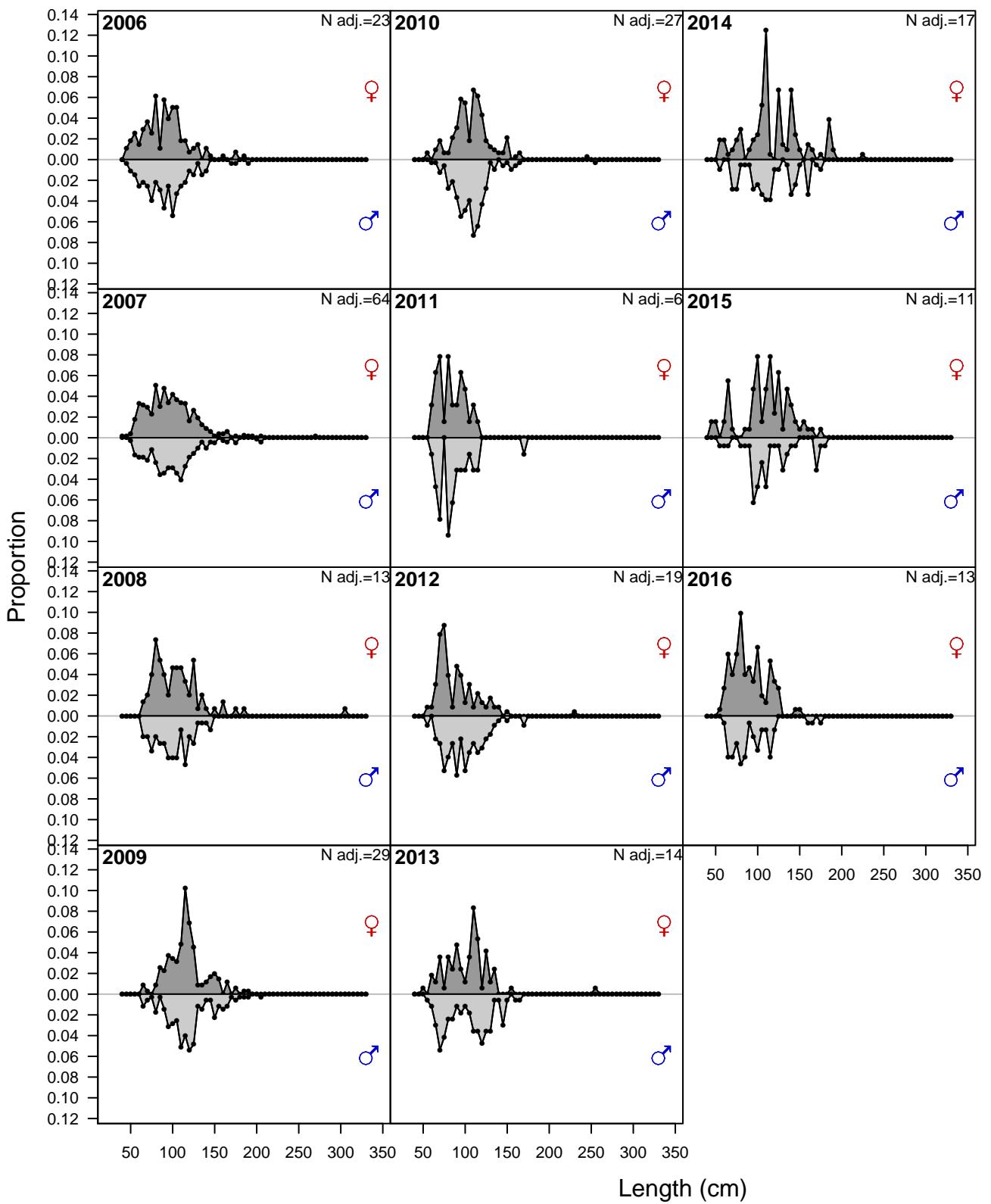


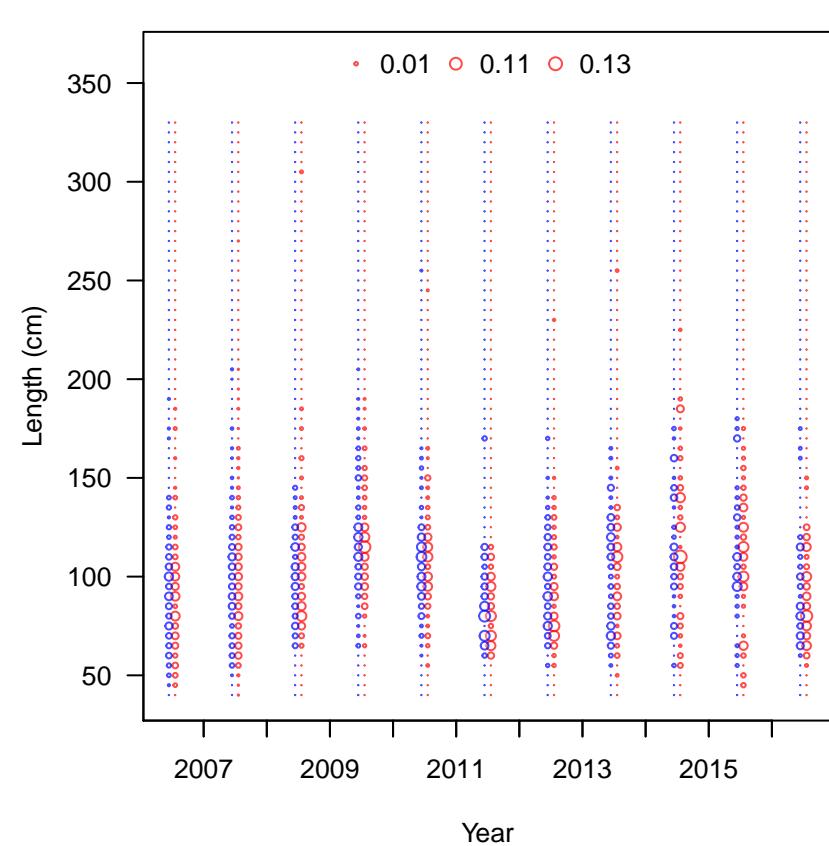




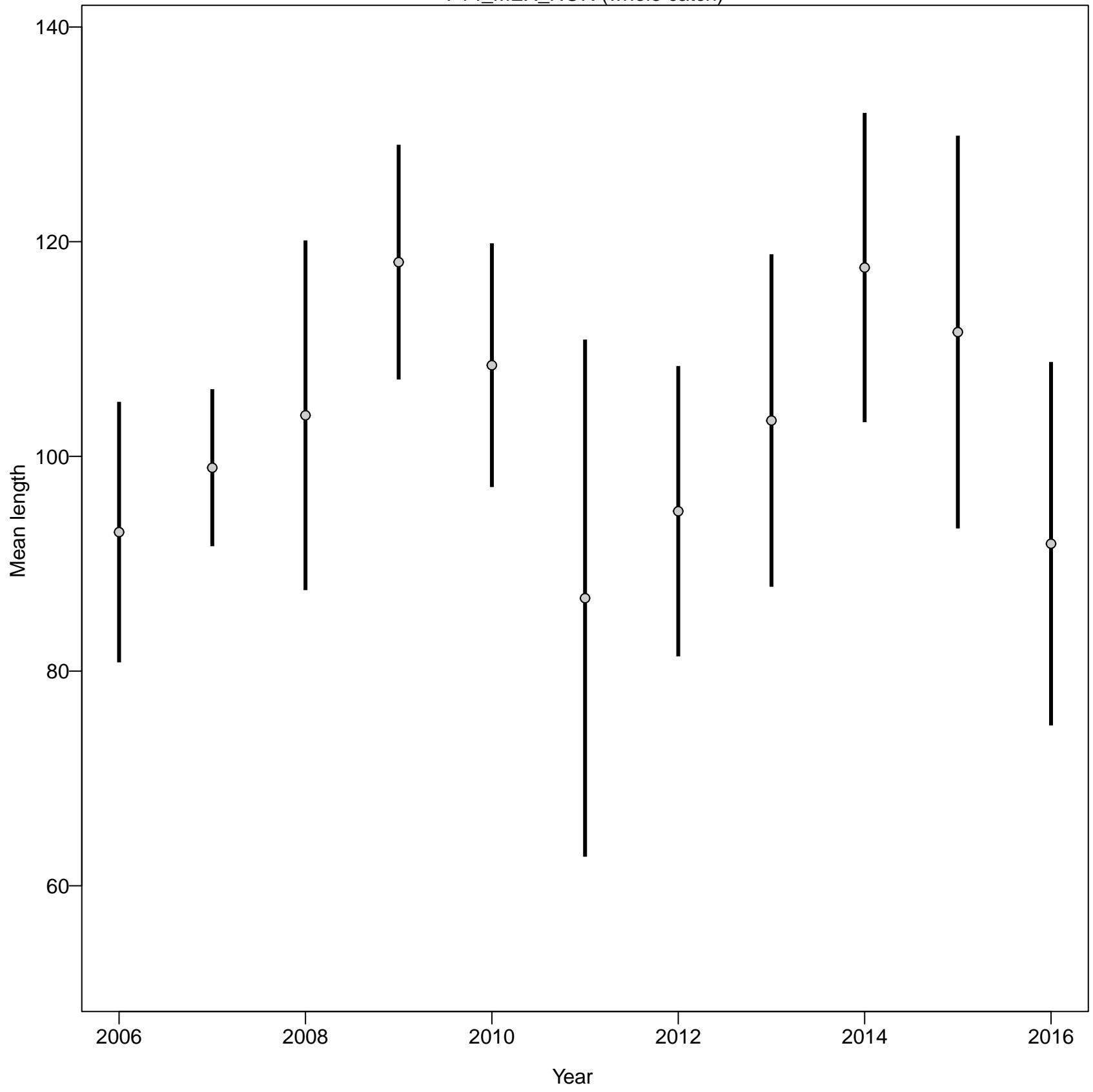
F12\_JPN\_DFN (whole catch)

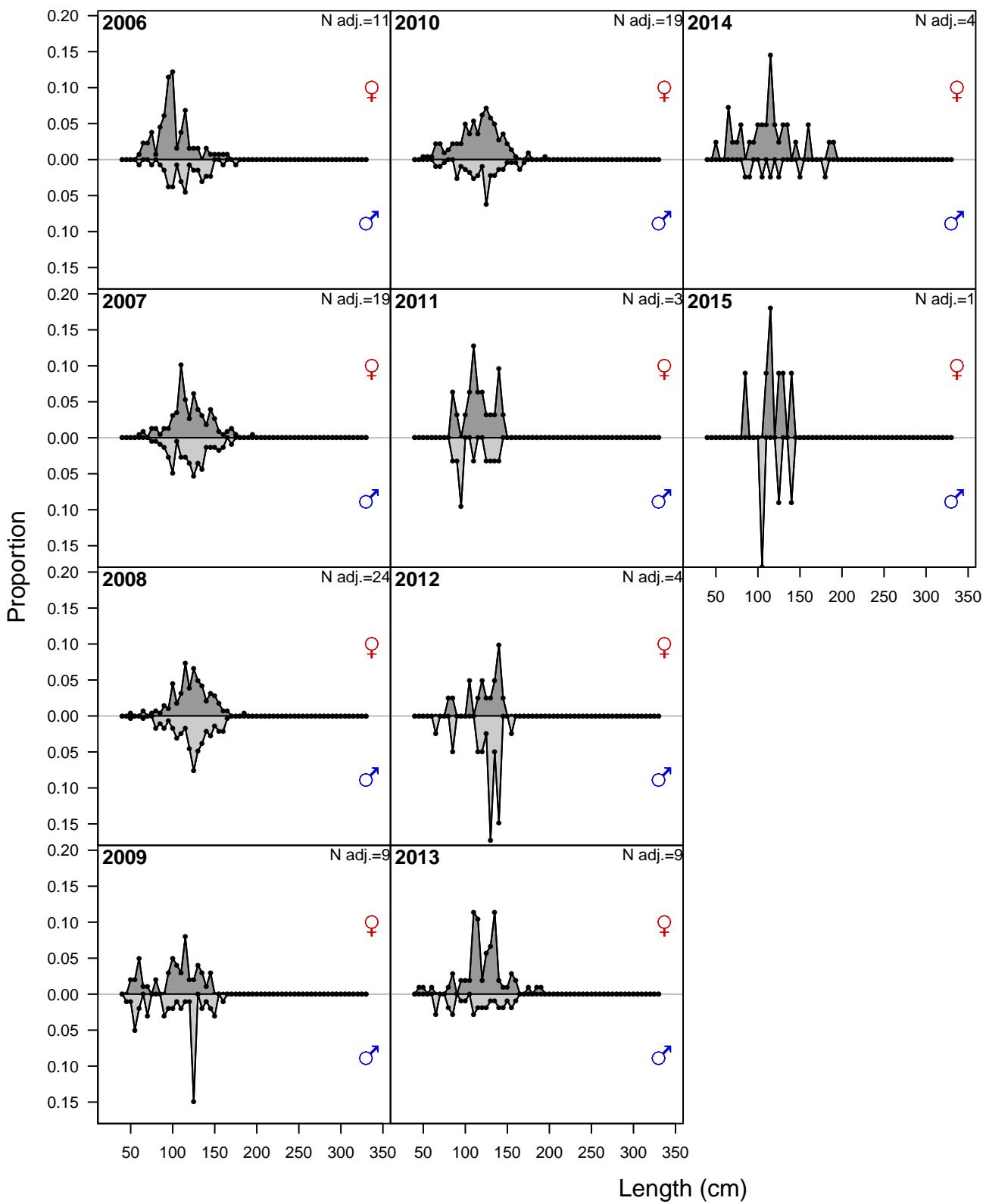


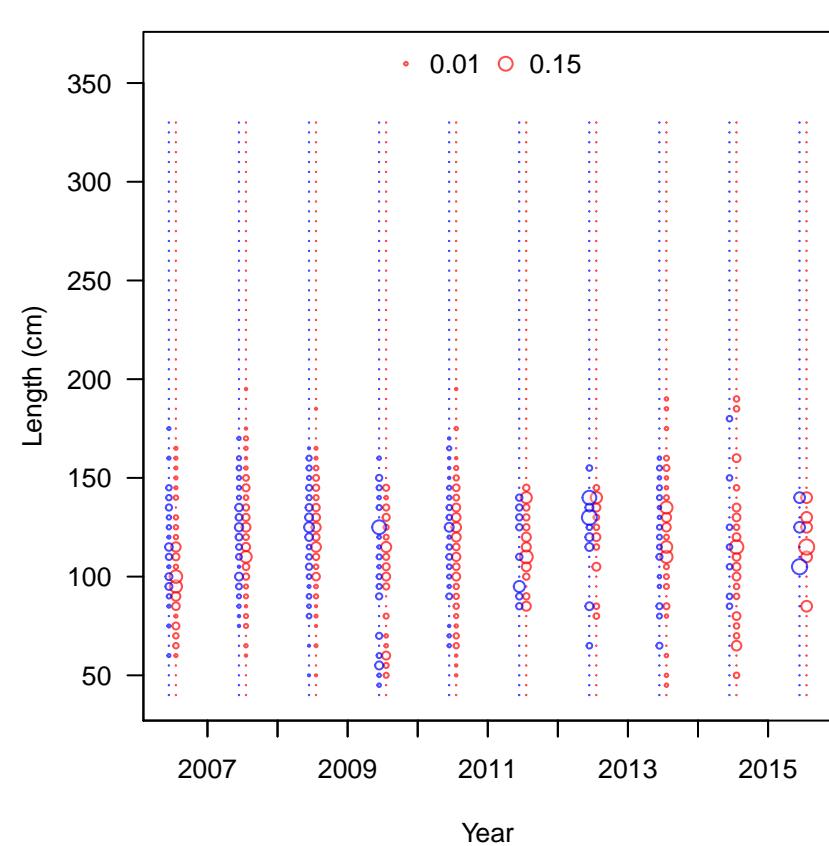




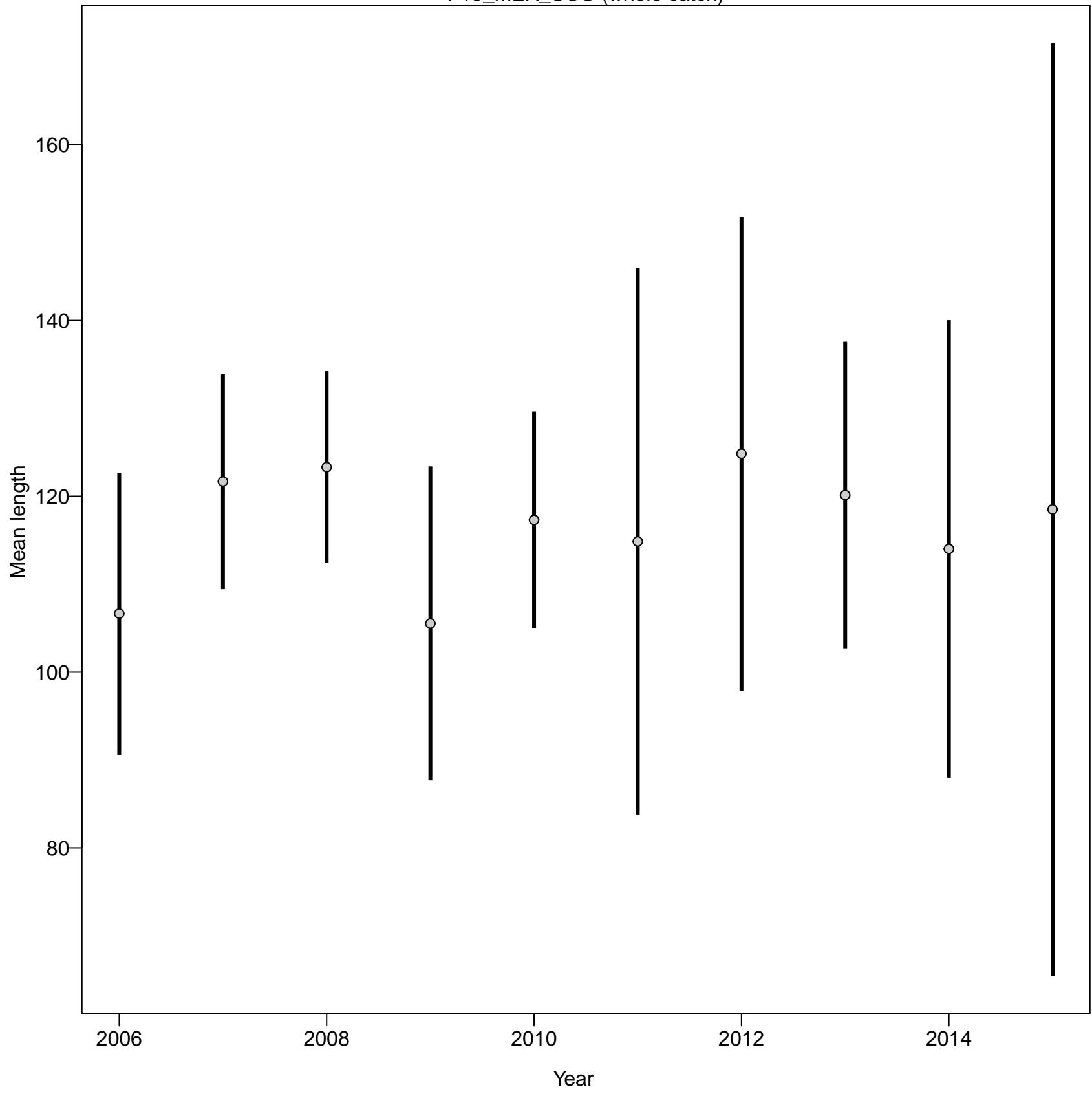
### F14\_MEX\_NOR (whole catch)

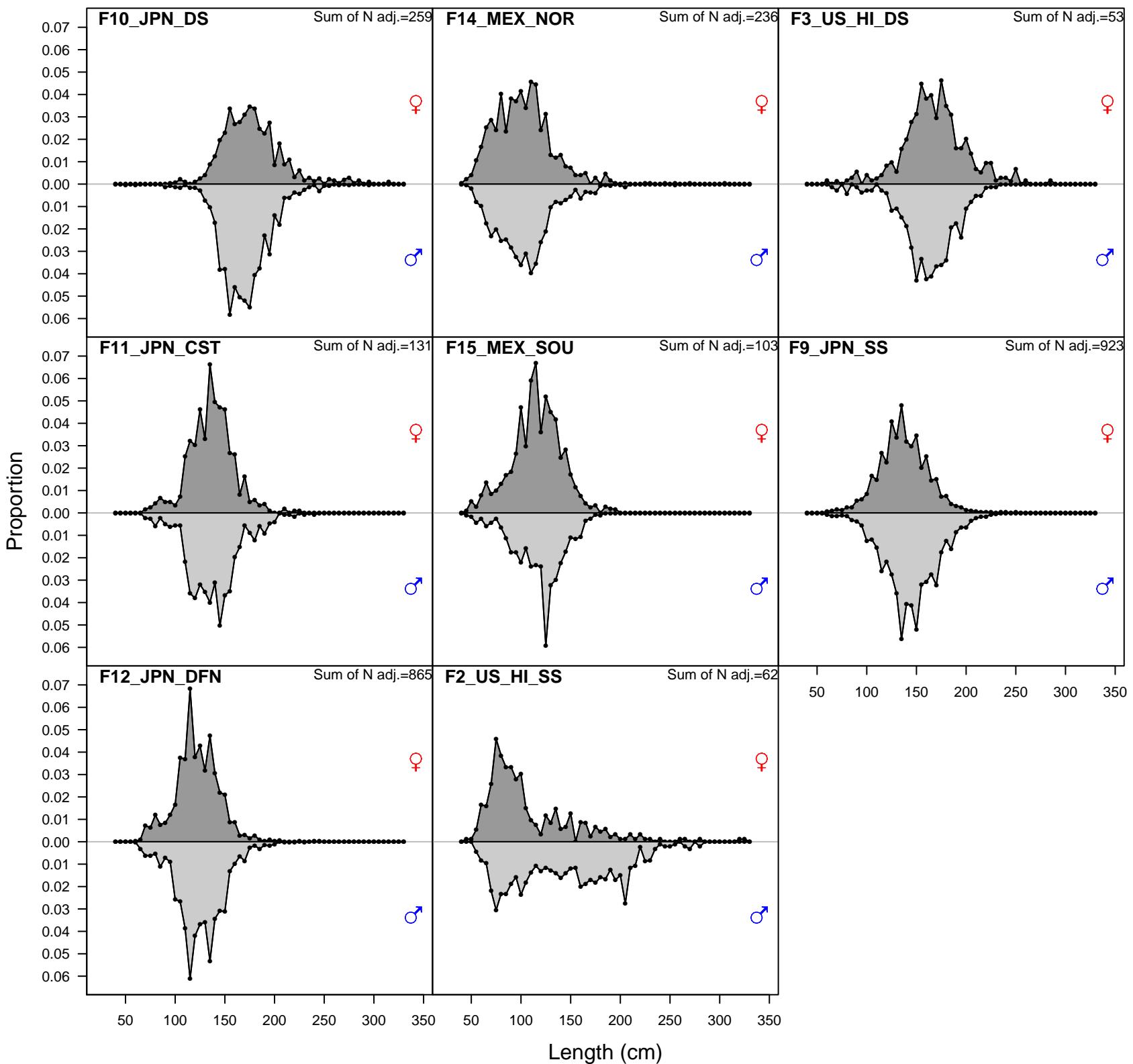






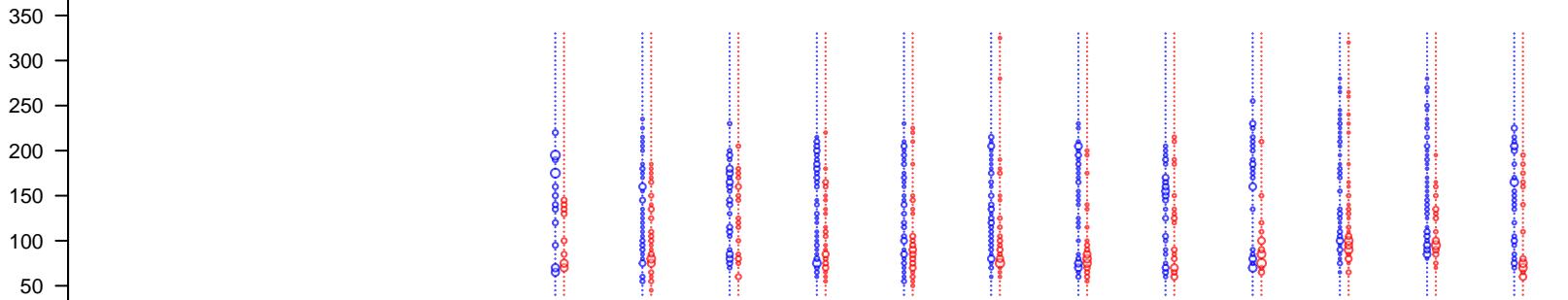
F15\_MEX\_SOU (whole catch)





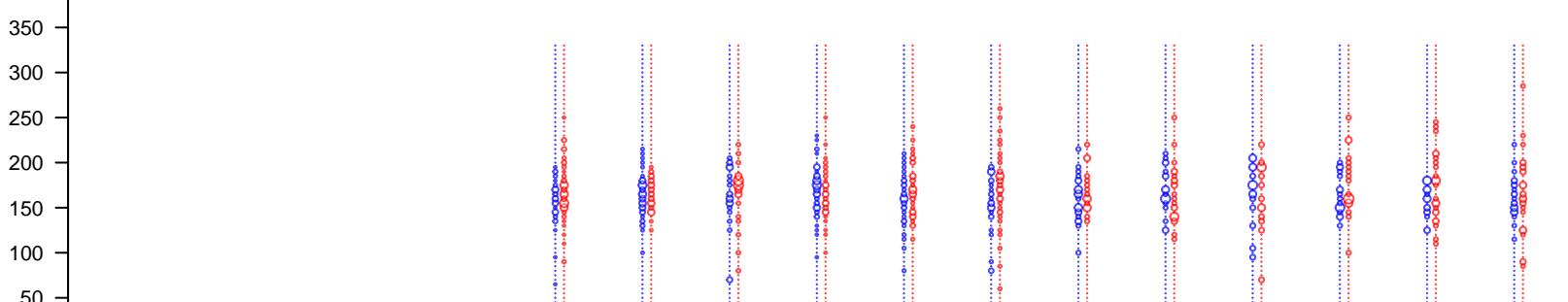
F2\_US\_HI\_SS

• 0.01 ○ 0.105

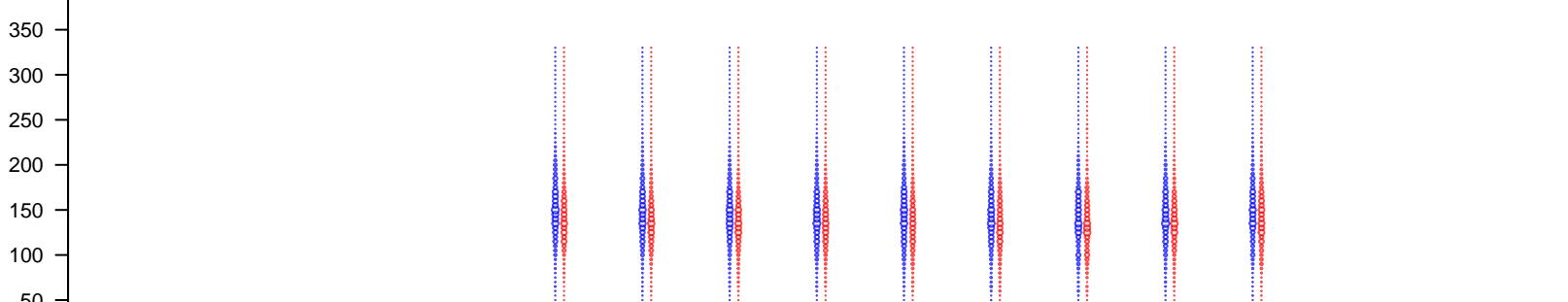


F3\_US\_HI\_DS

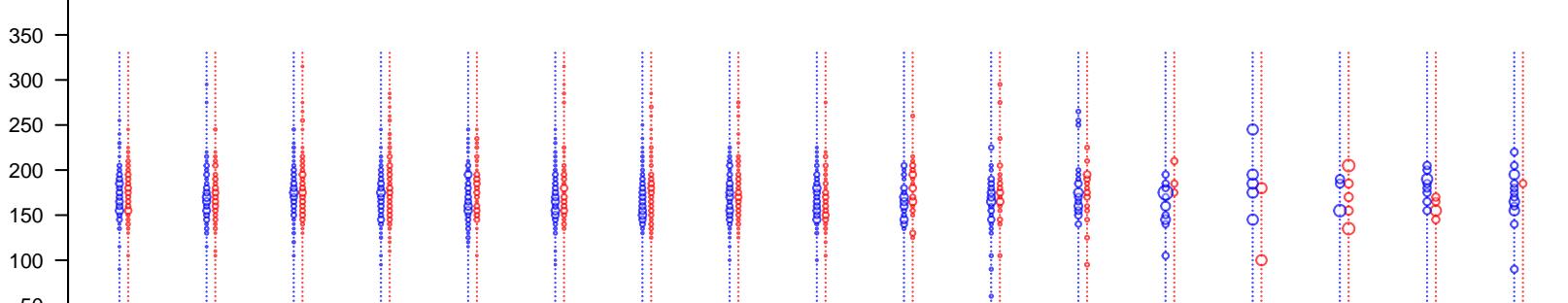
Length (cm)



F9\_JPN\_SS



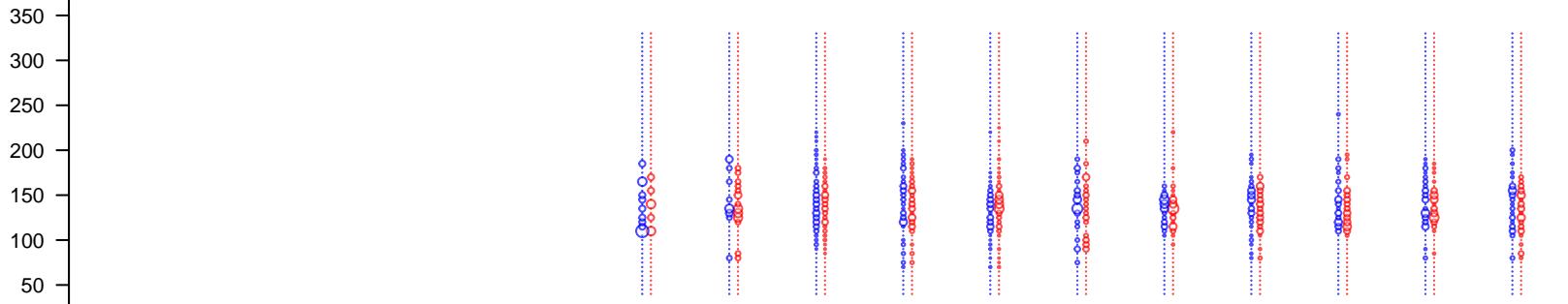
F10\_JPN\_DS



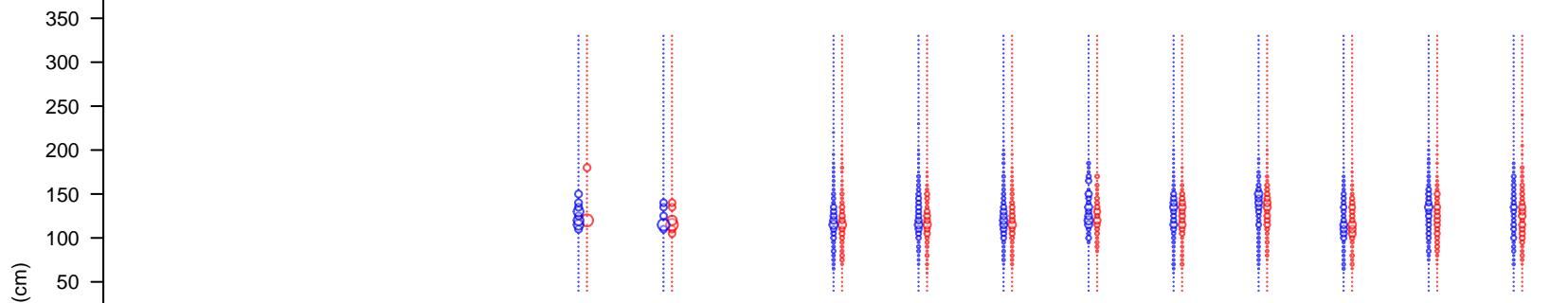
Year

F11\_JPN\_CST

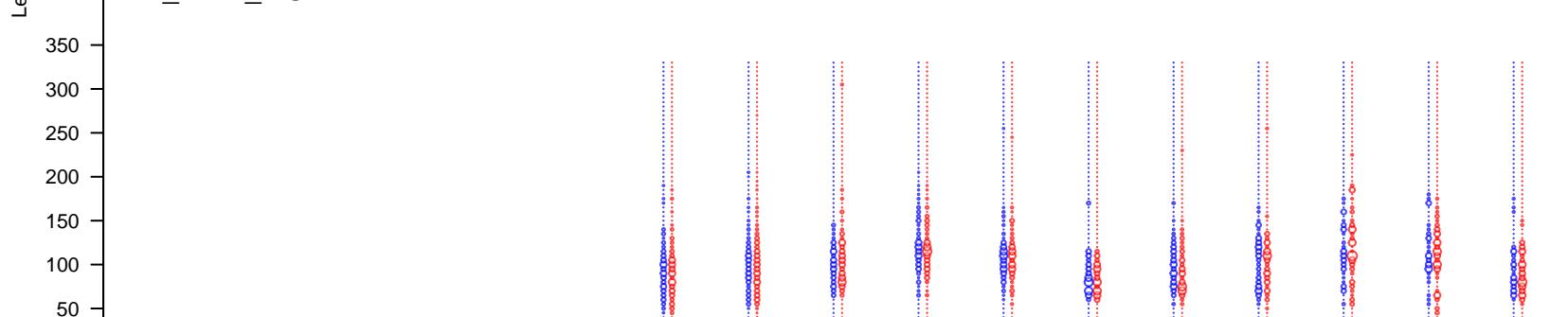
• 0.01 ○ 0.15



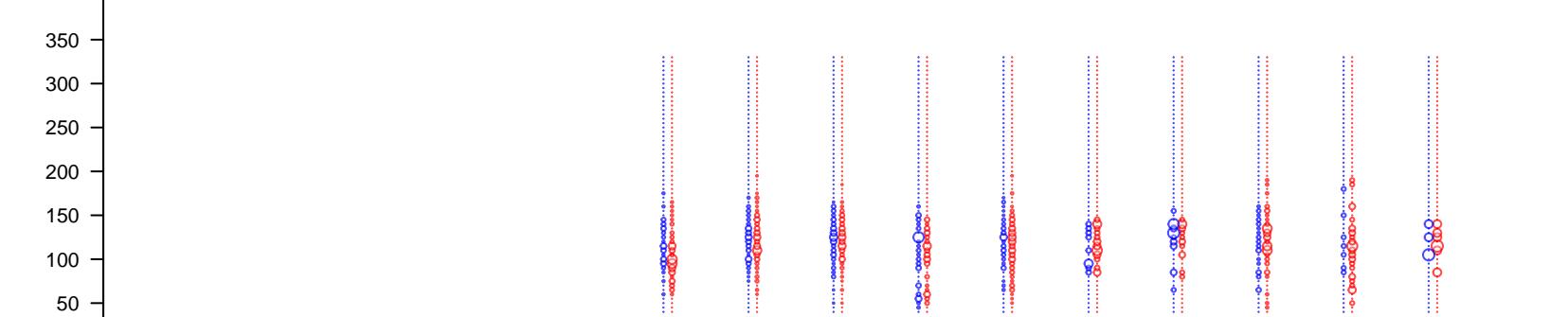
F12\_JPN\_DFN



F14\_MEX\_NOR

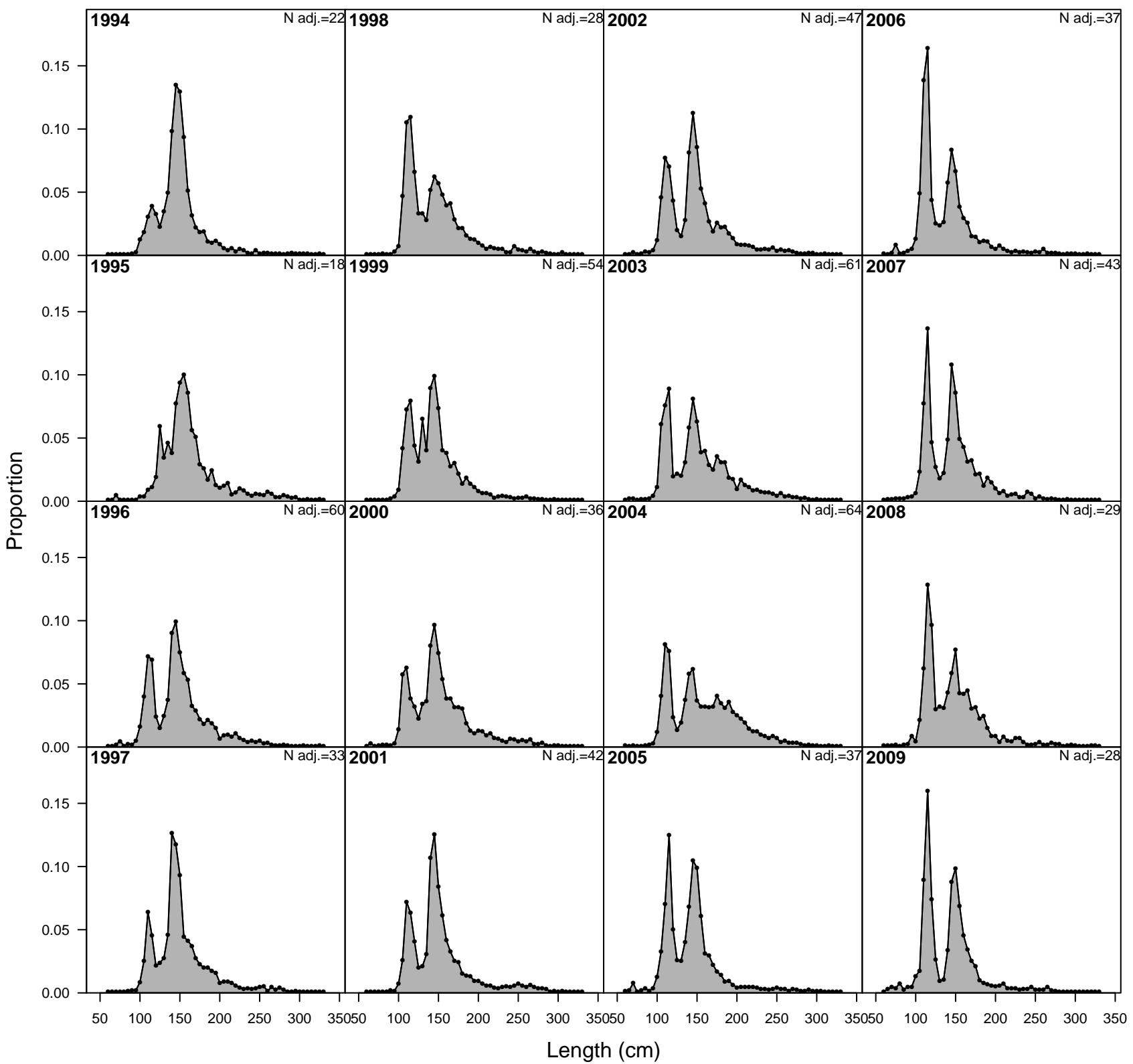


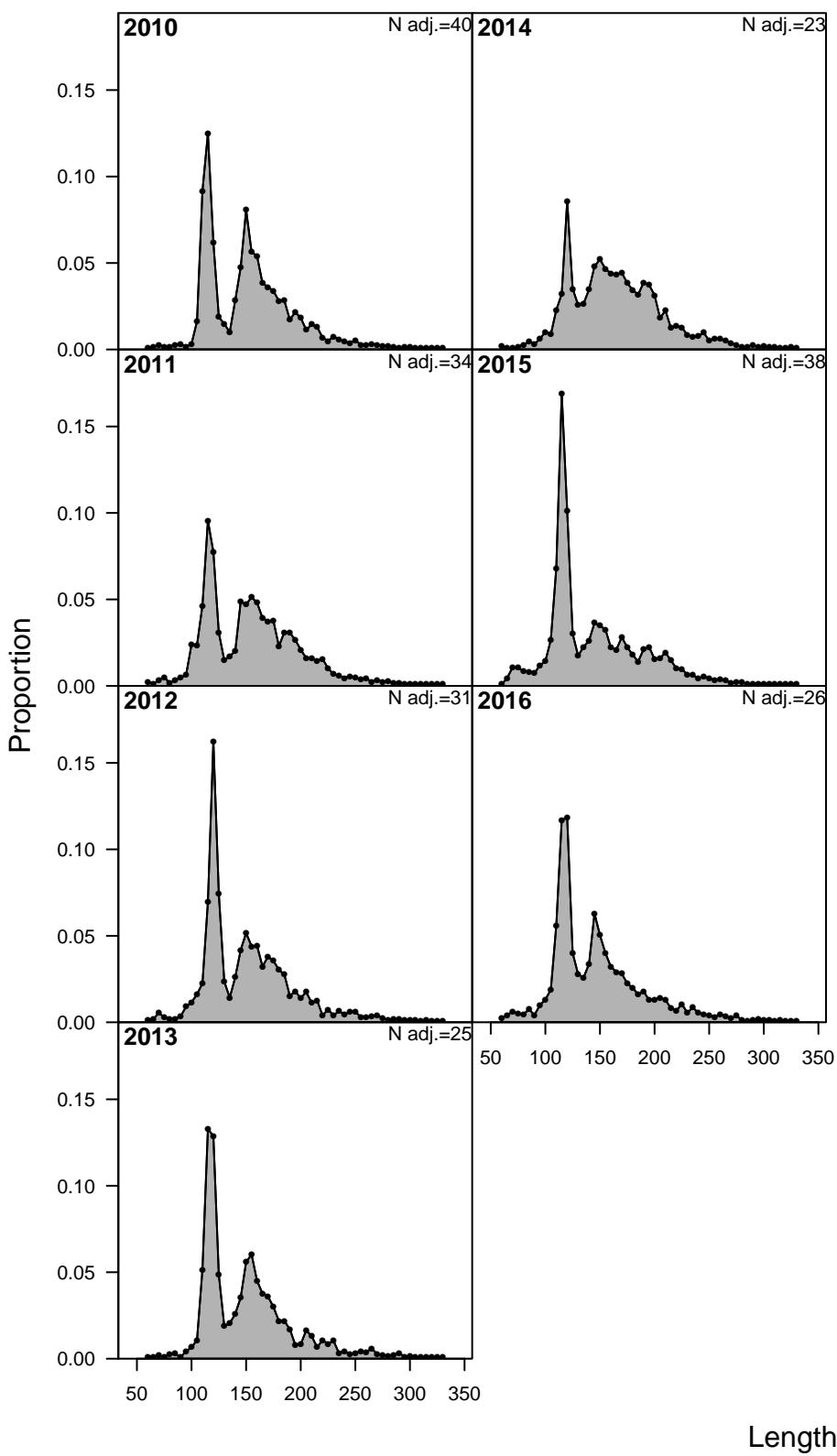
F15\_MEX\_SOU

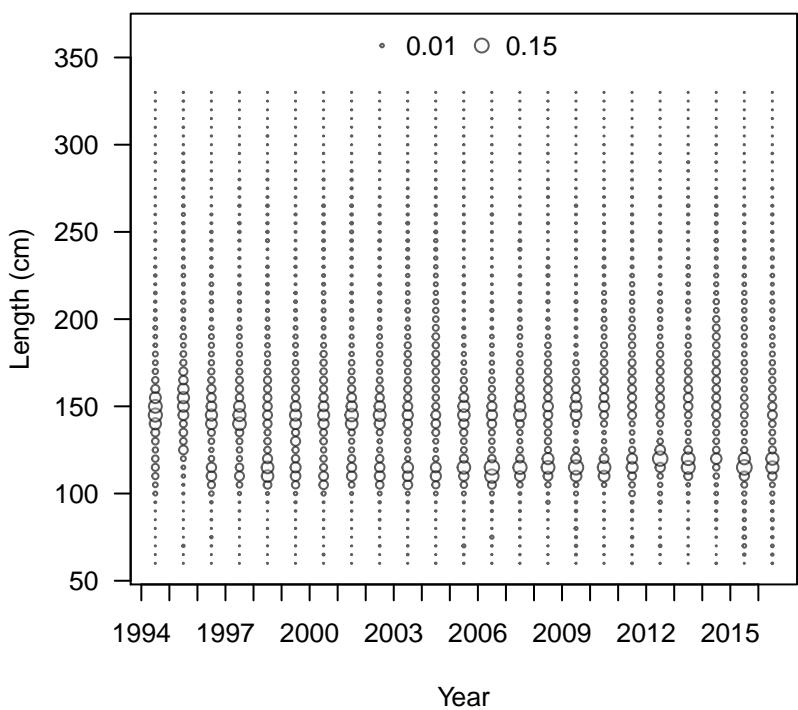


2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016

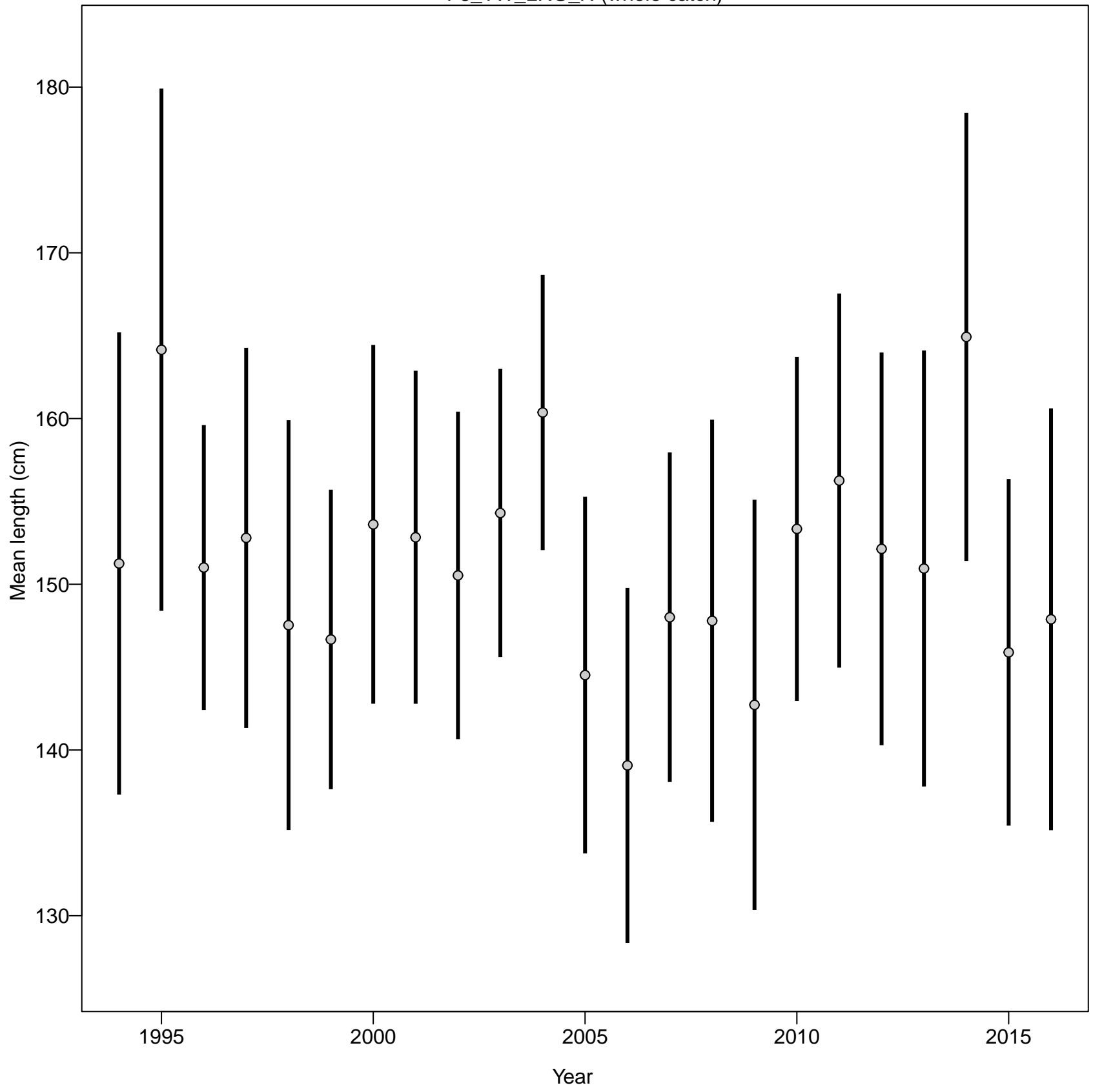
Year

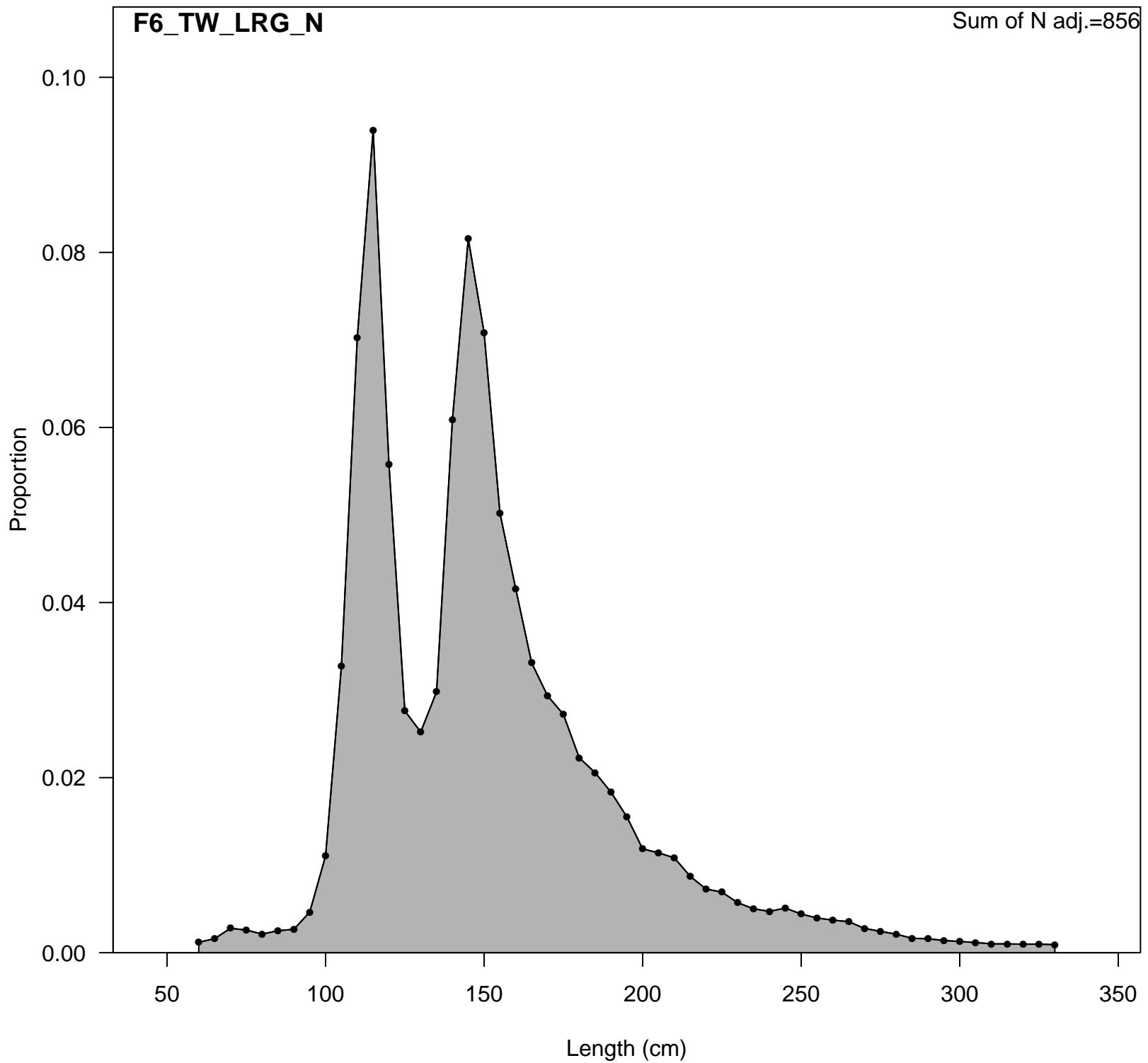


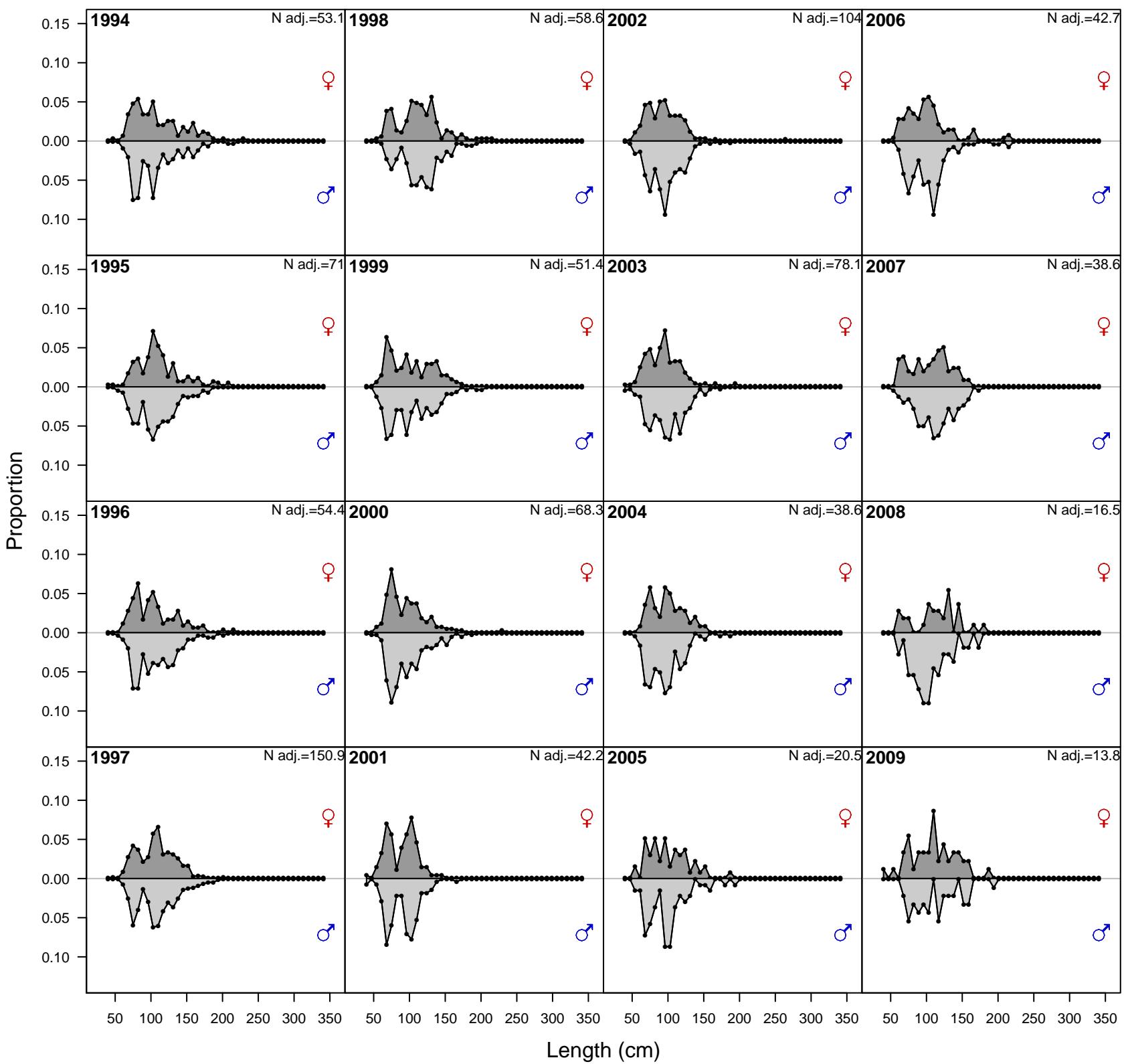


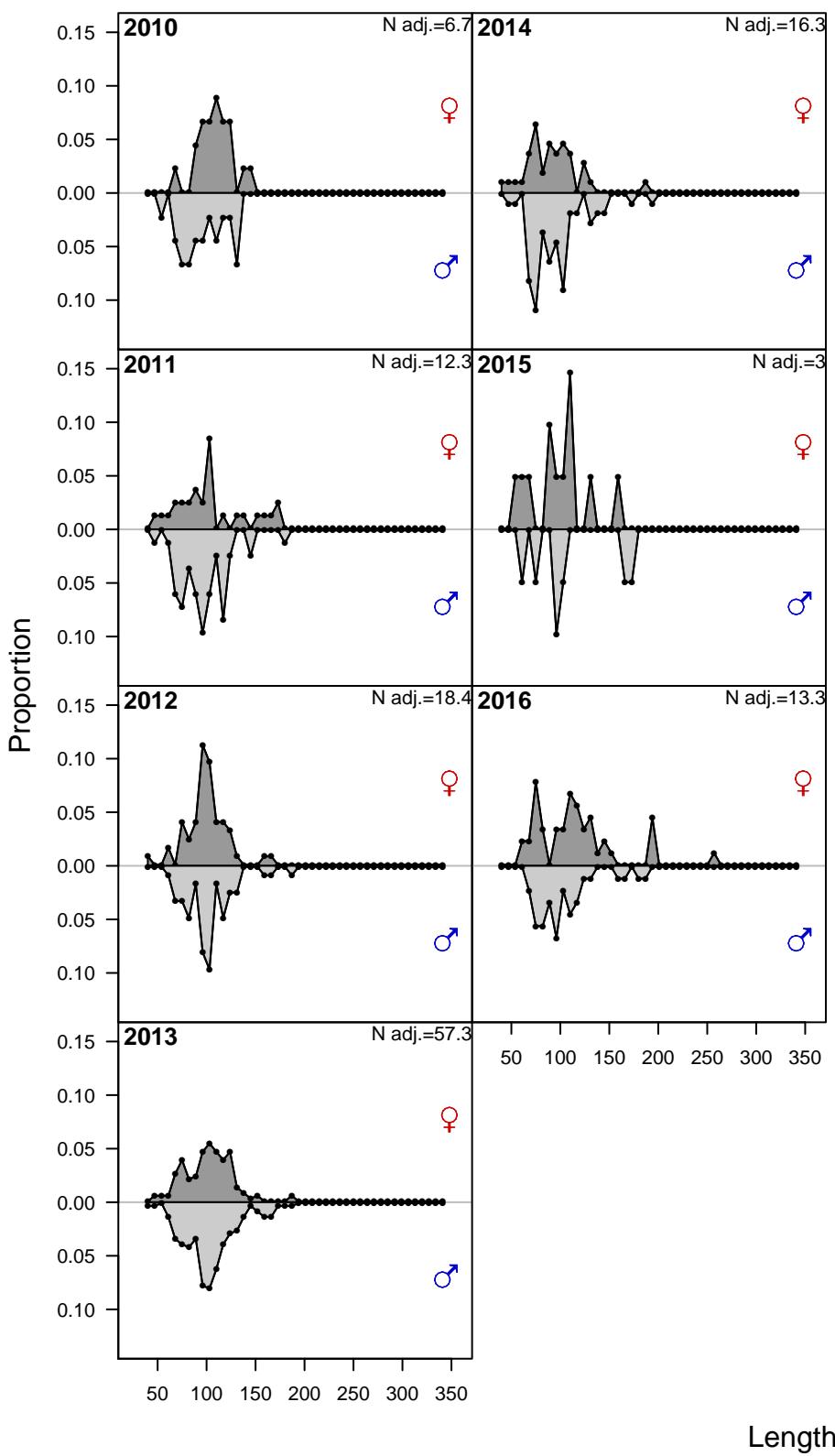


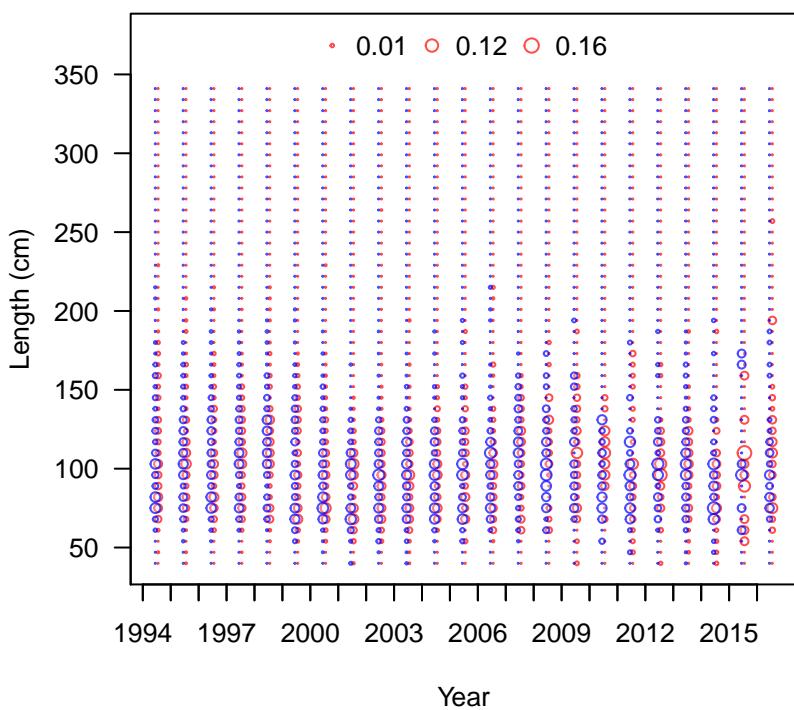
F6\_TW\_LRG\_N (whole catch)



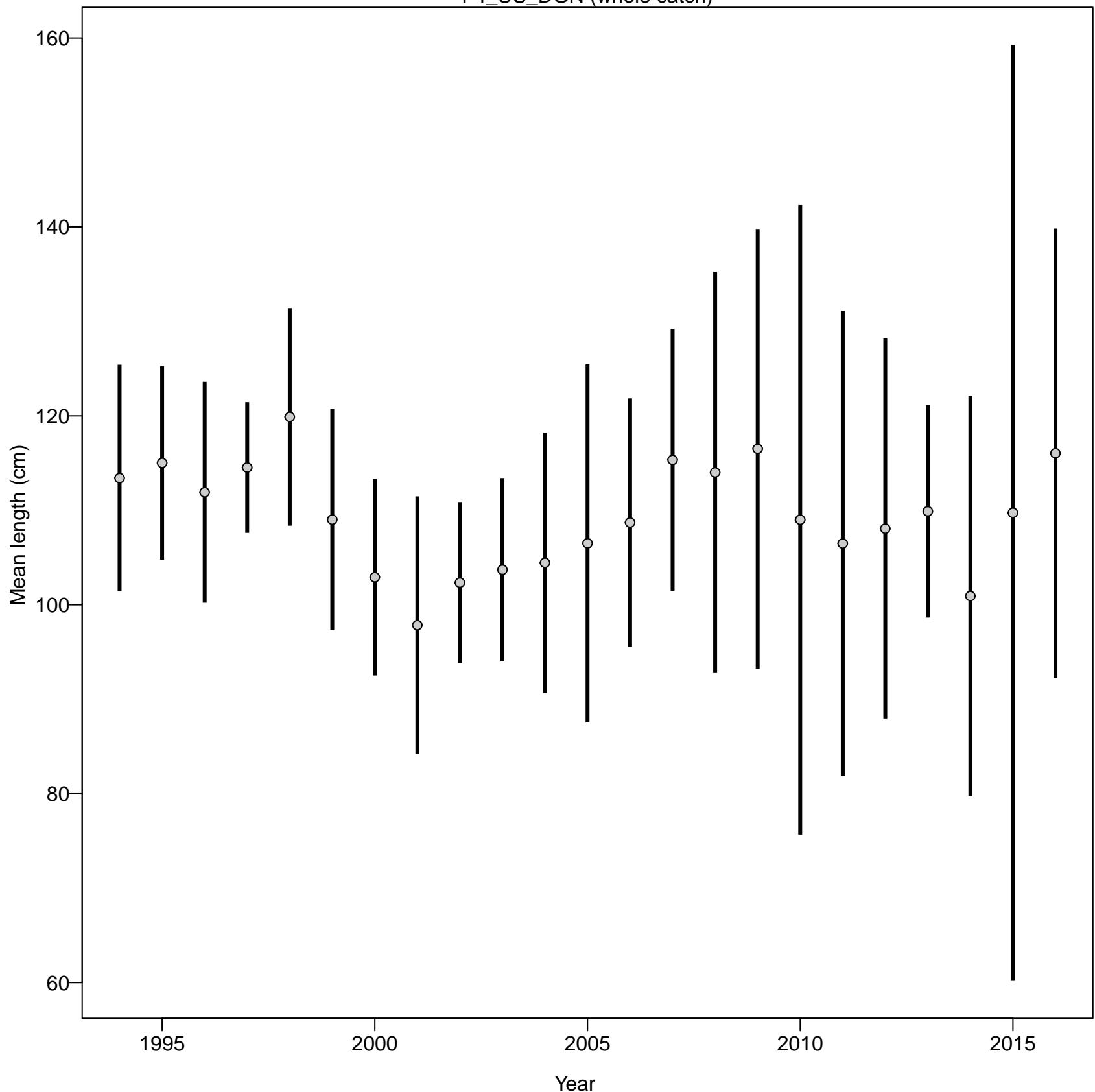


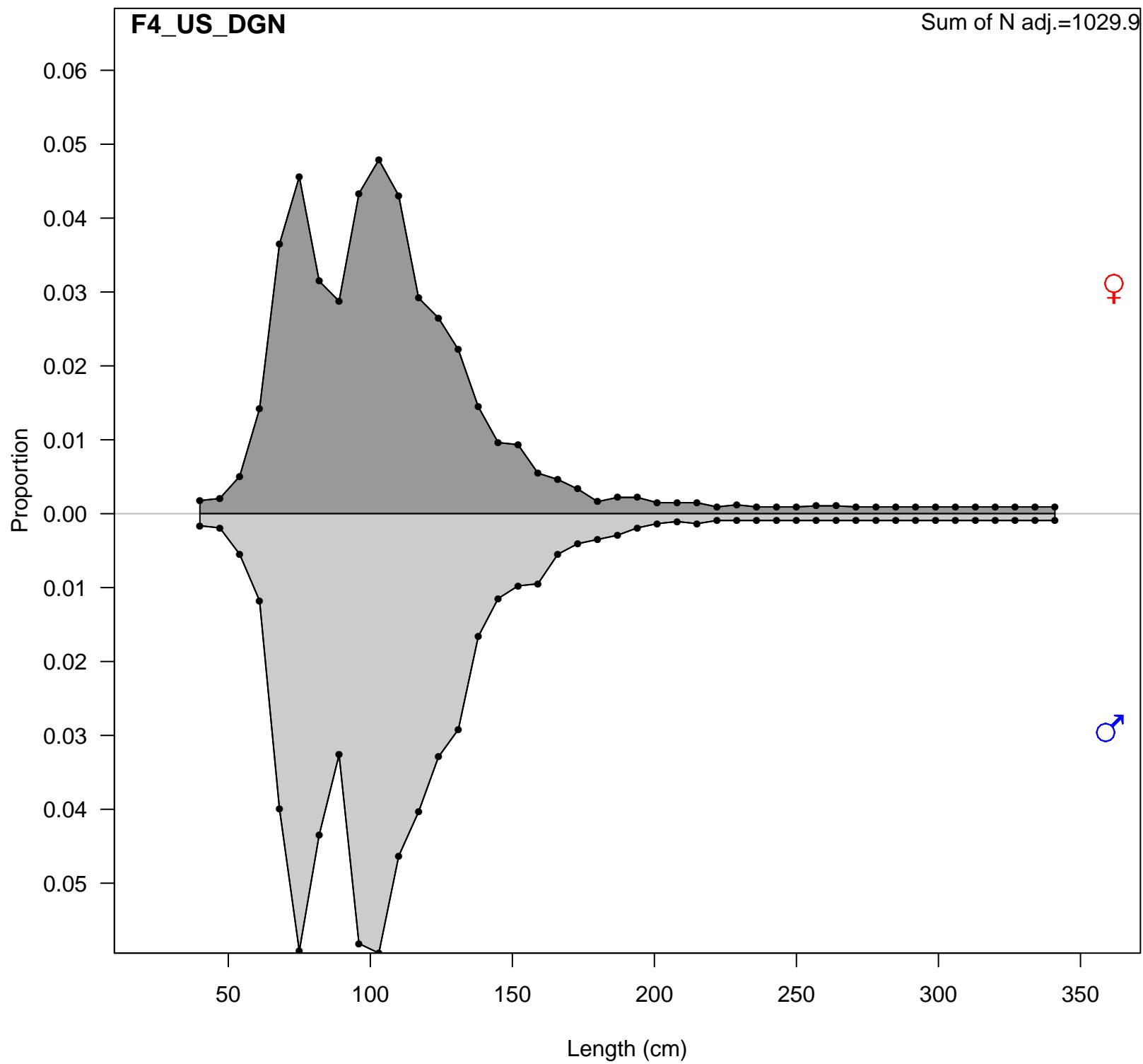


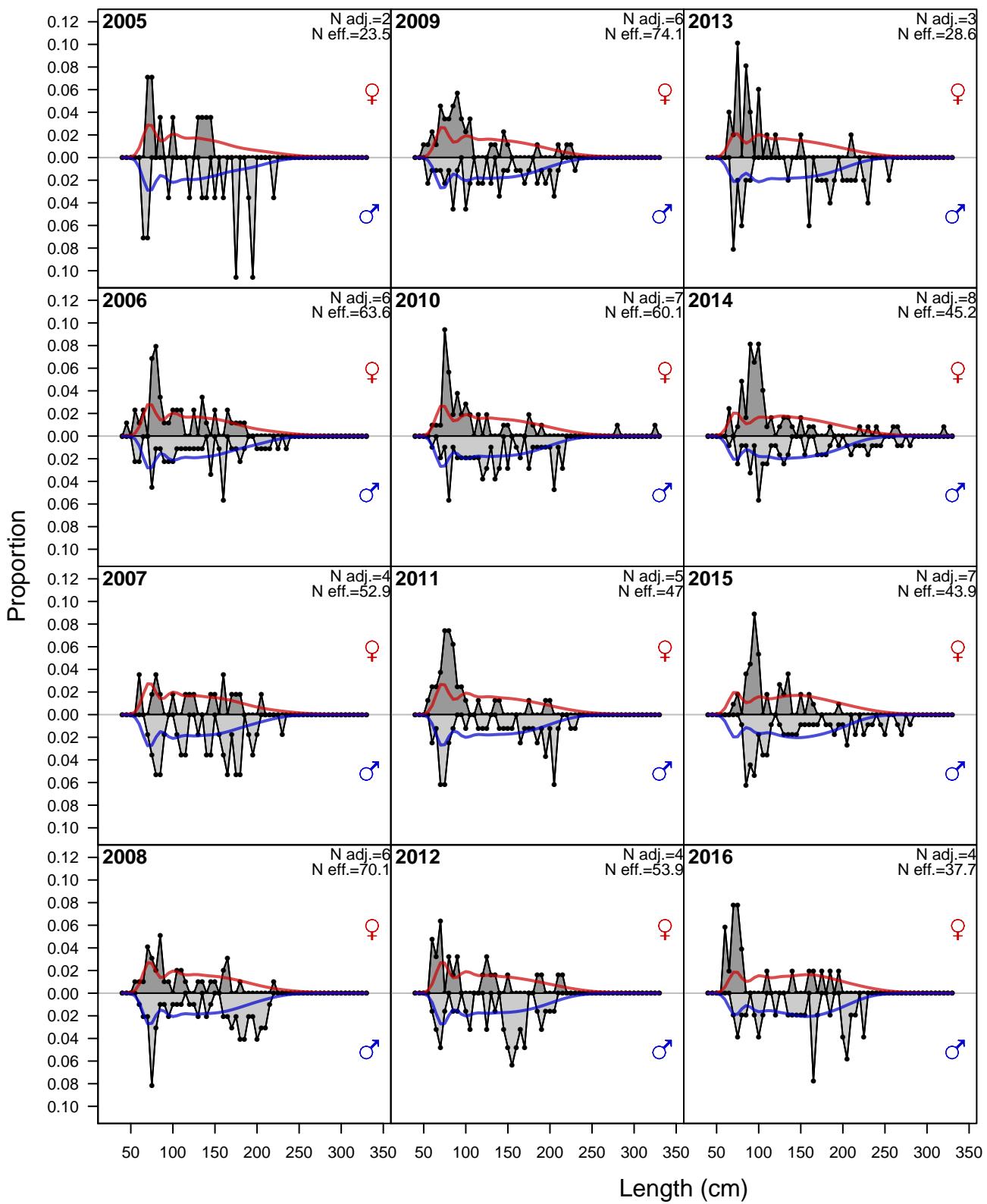


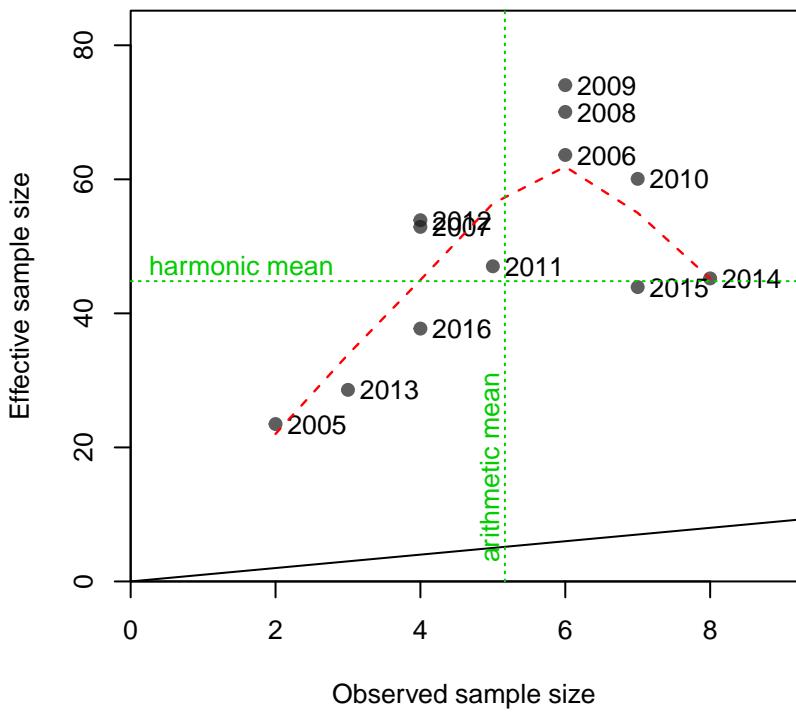
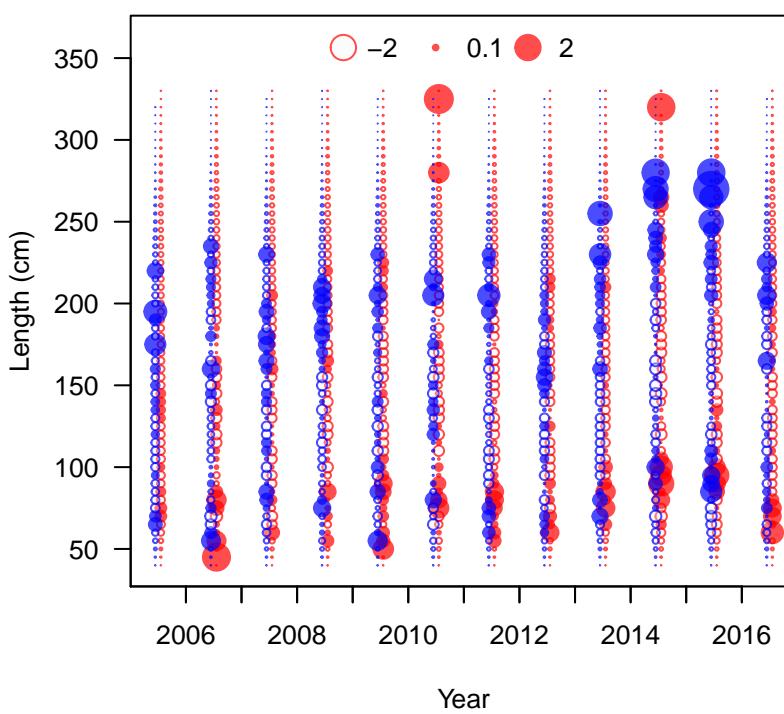


### F4\_US\_DGN (whole catch)

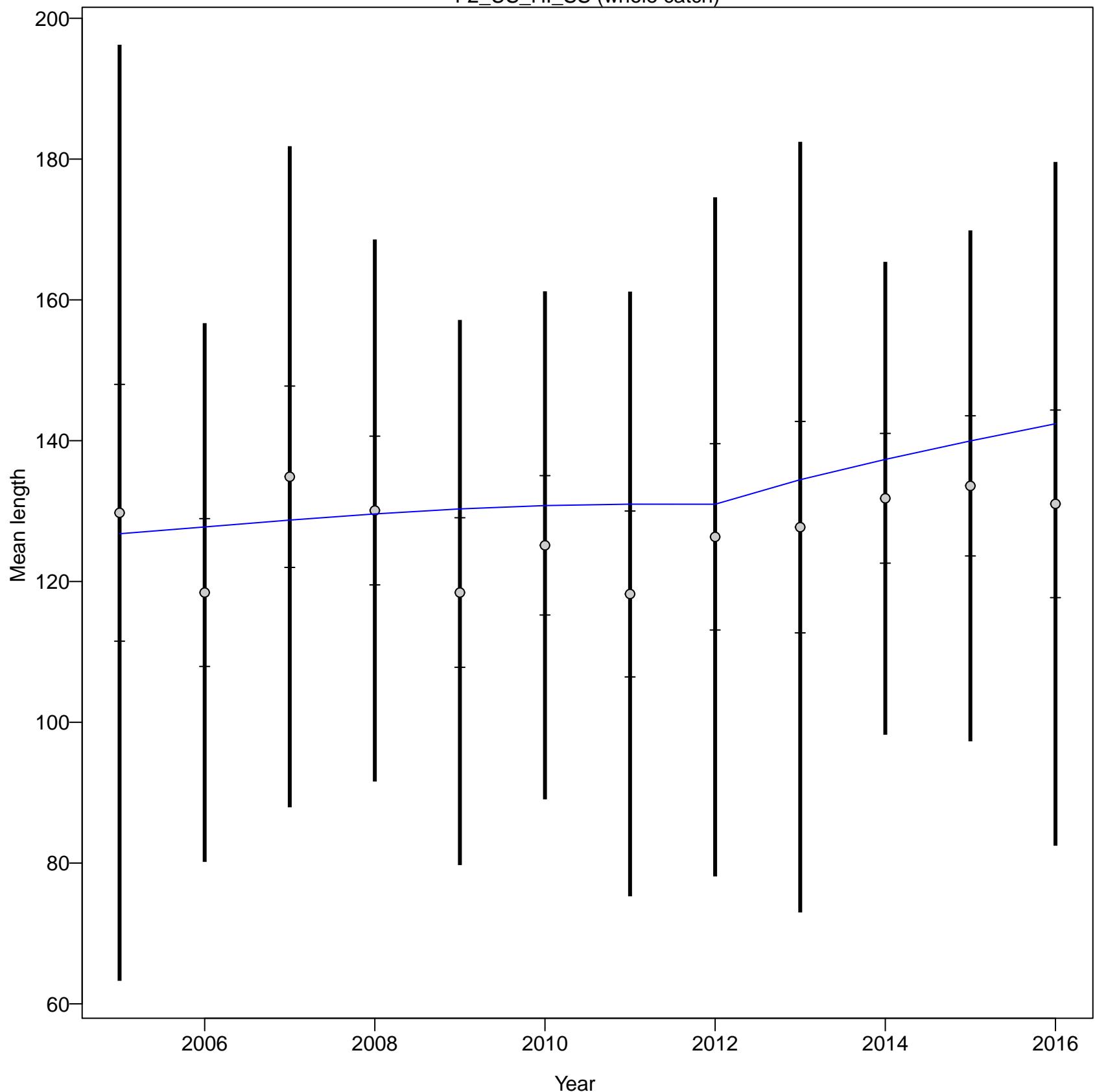


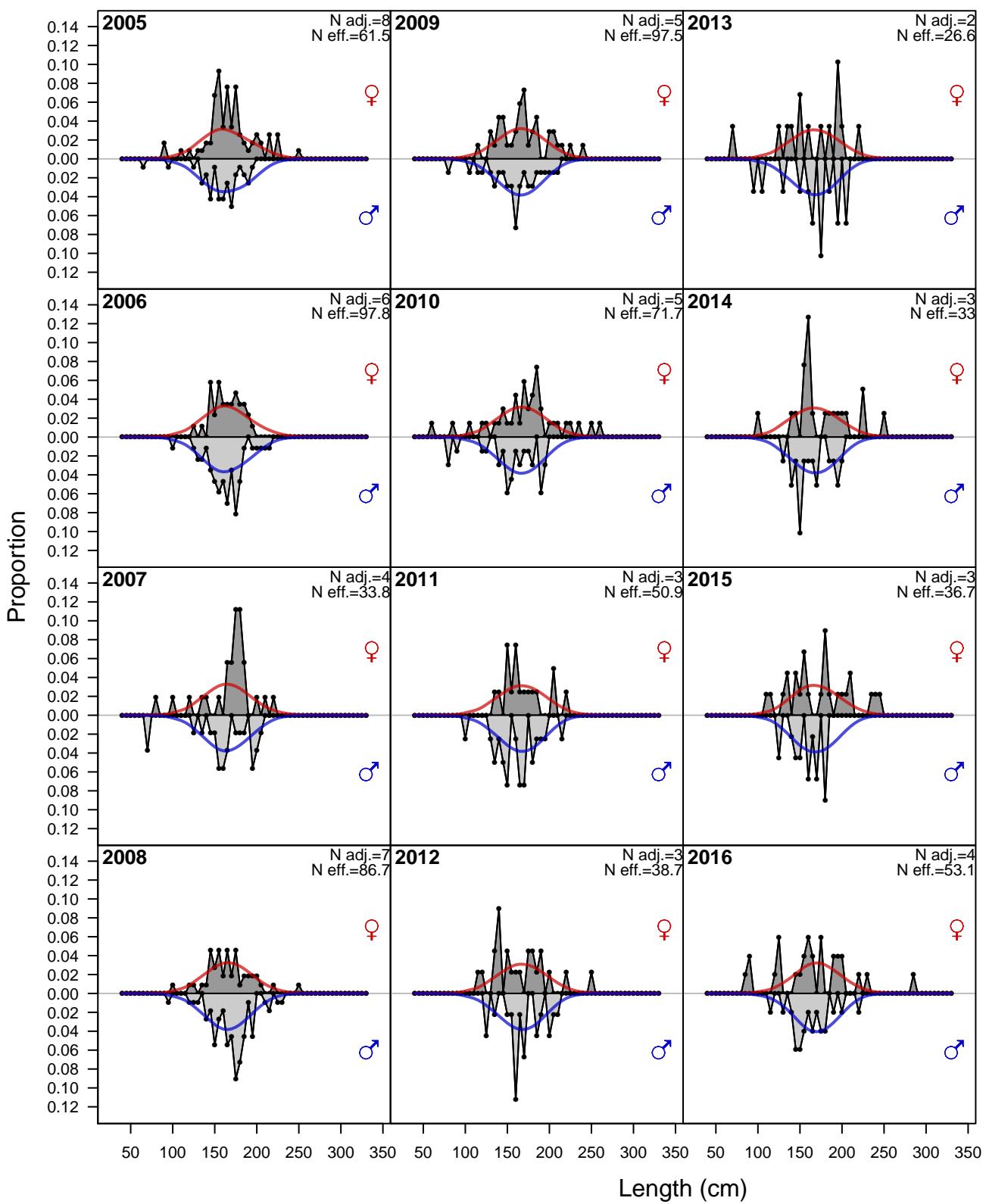


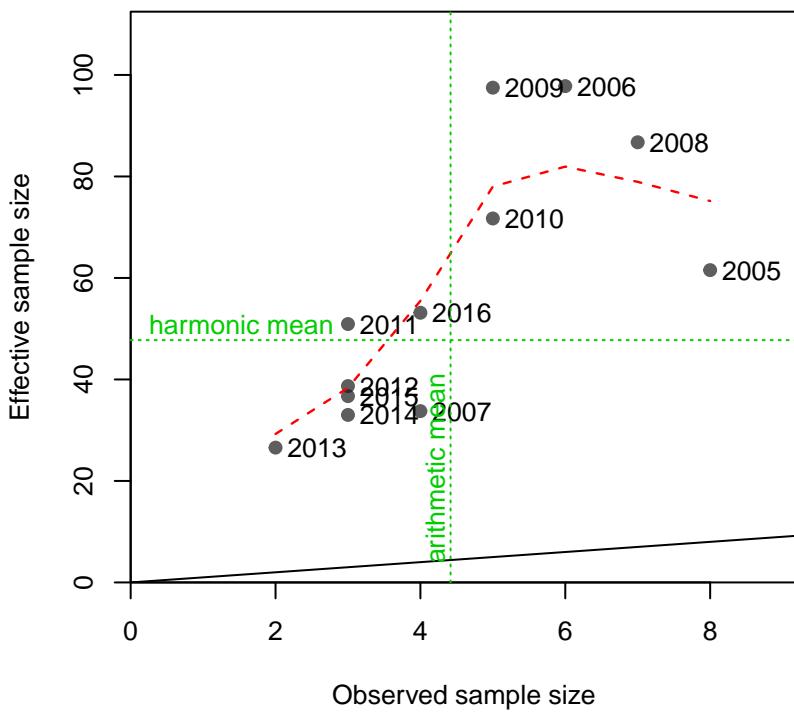
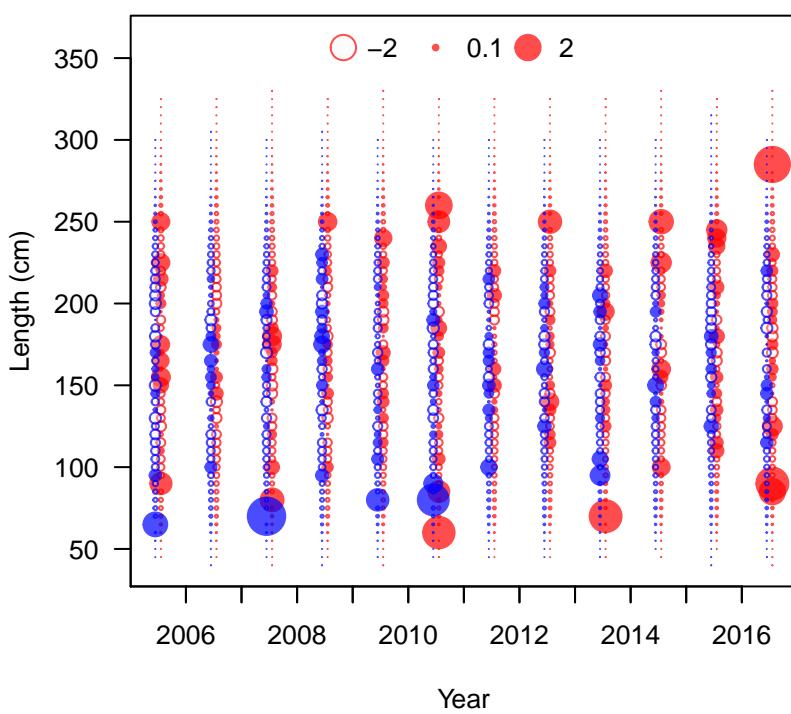




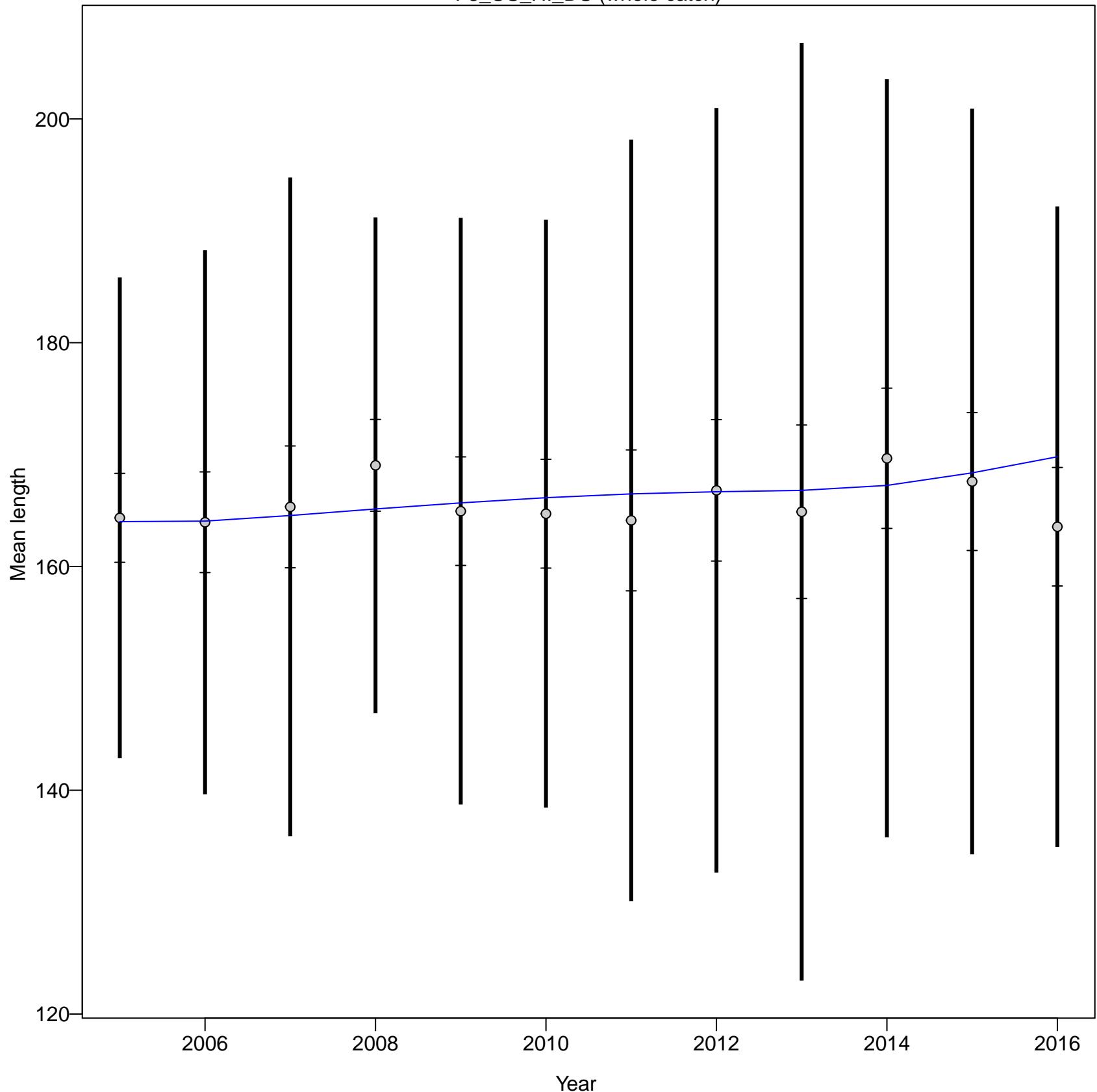
F2\_US\_HI\_SS (whole catch)

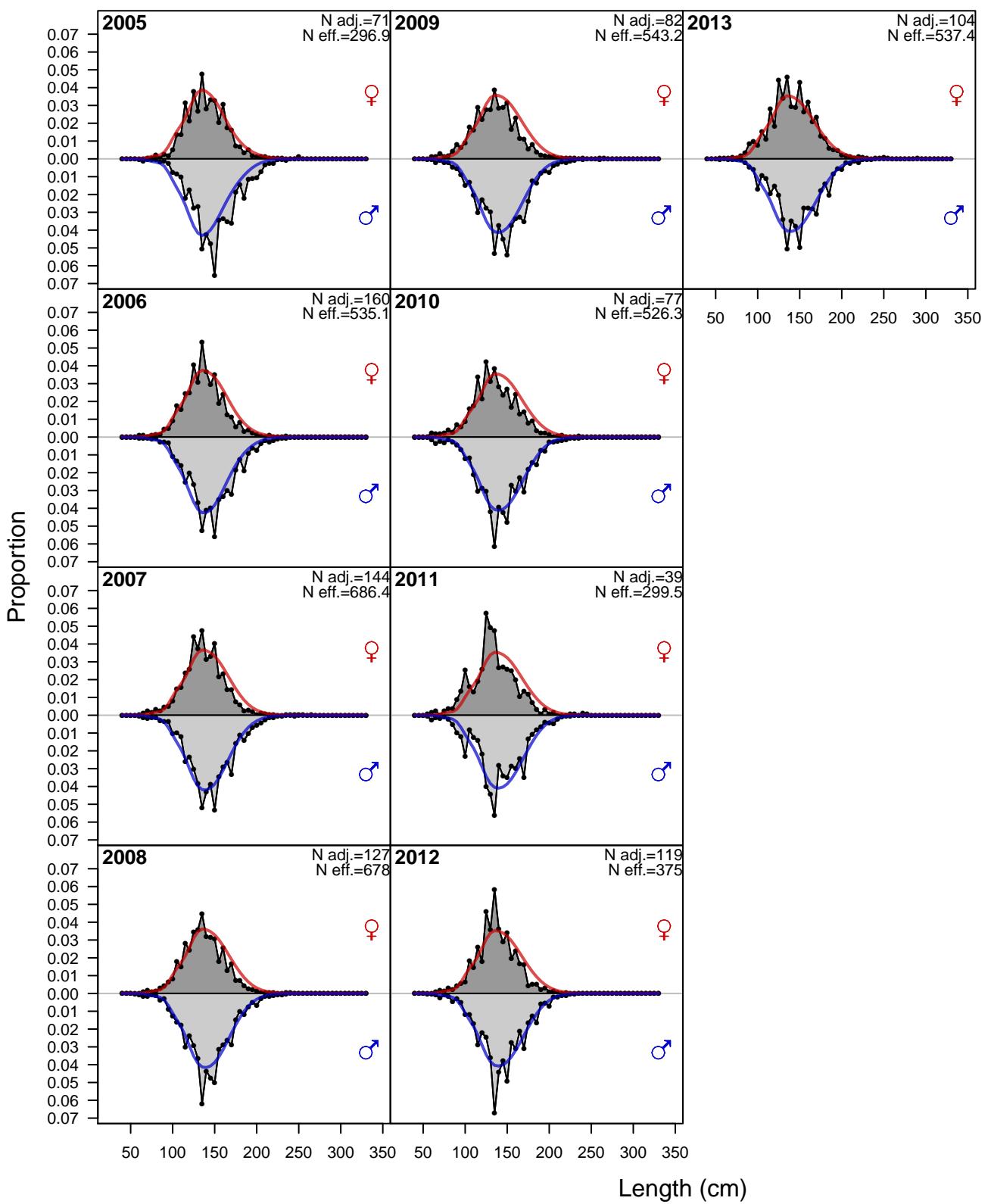


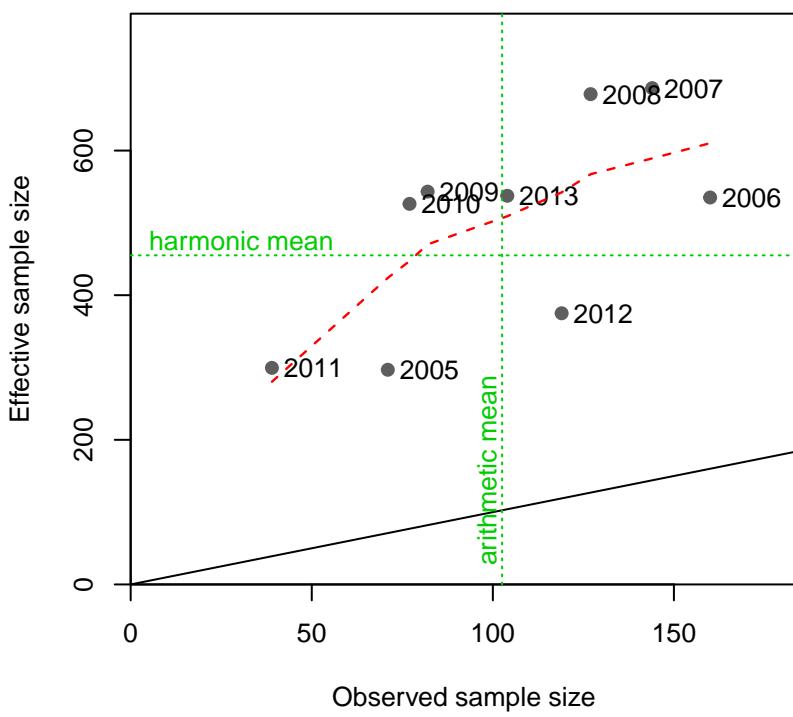
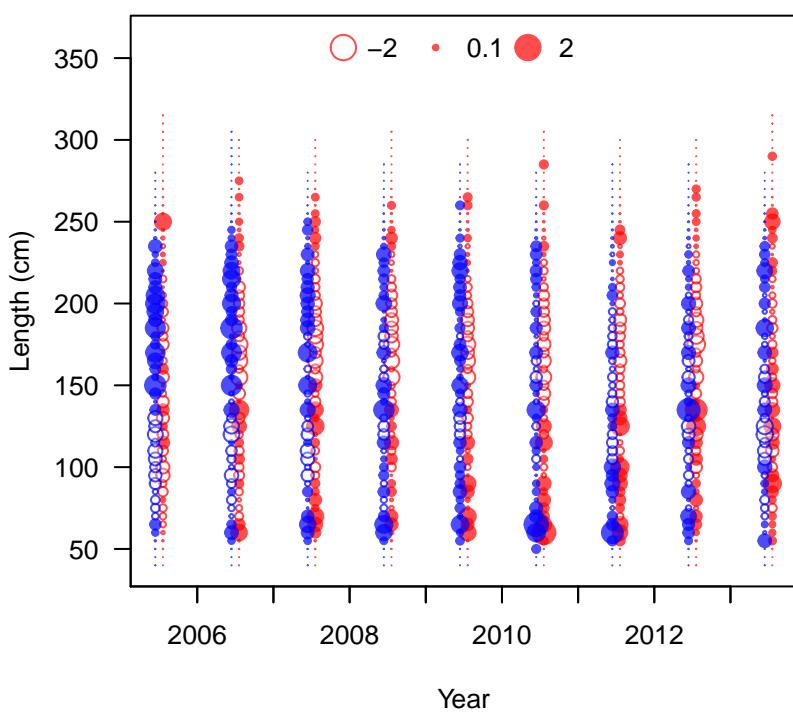




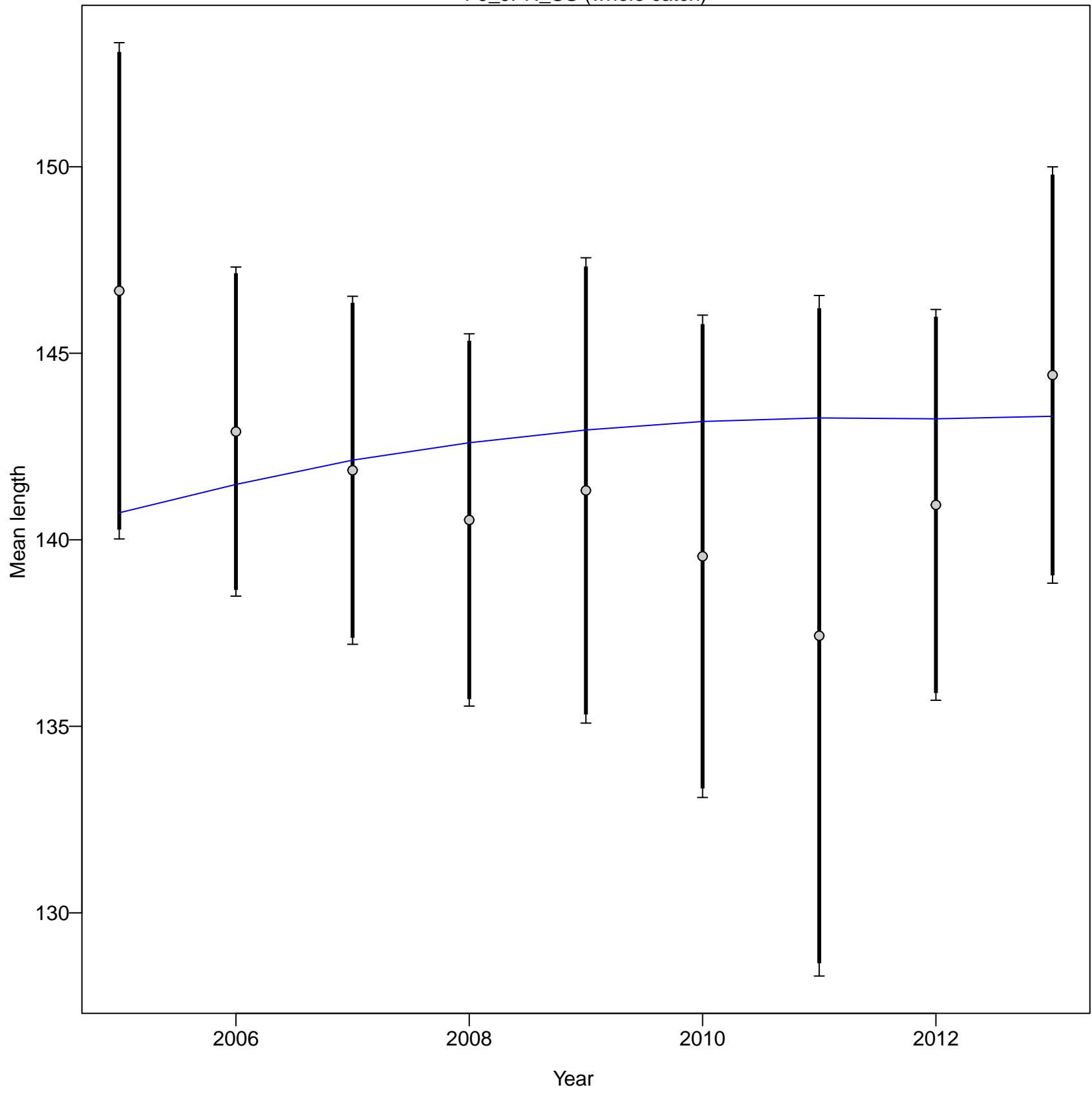
F3\_US\_HI\_DS (whole catch)

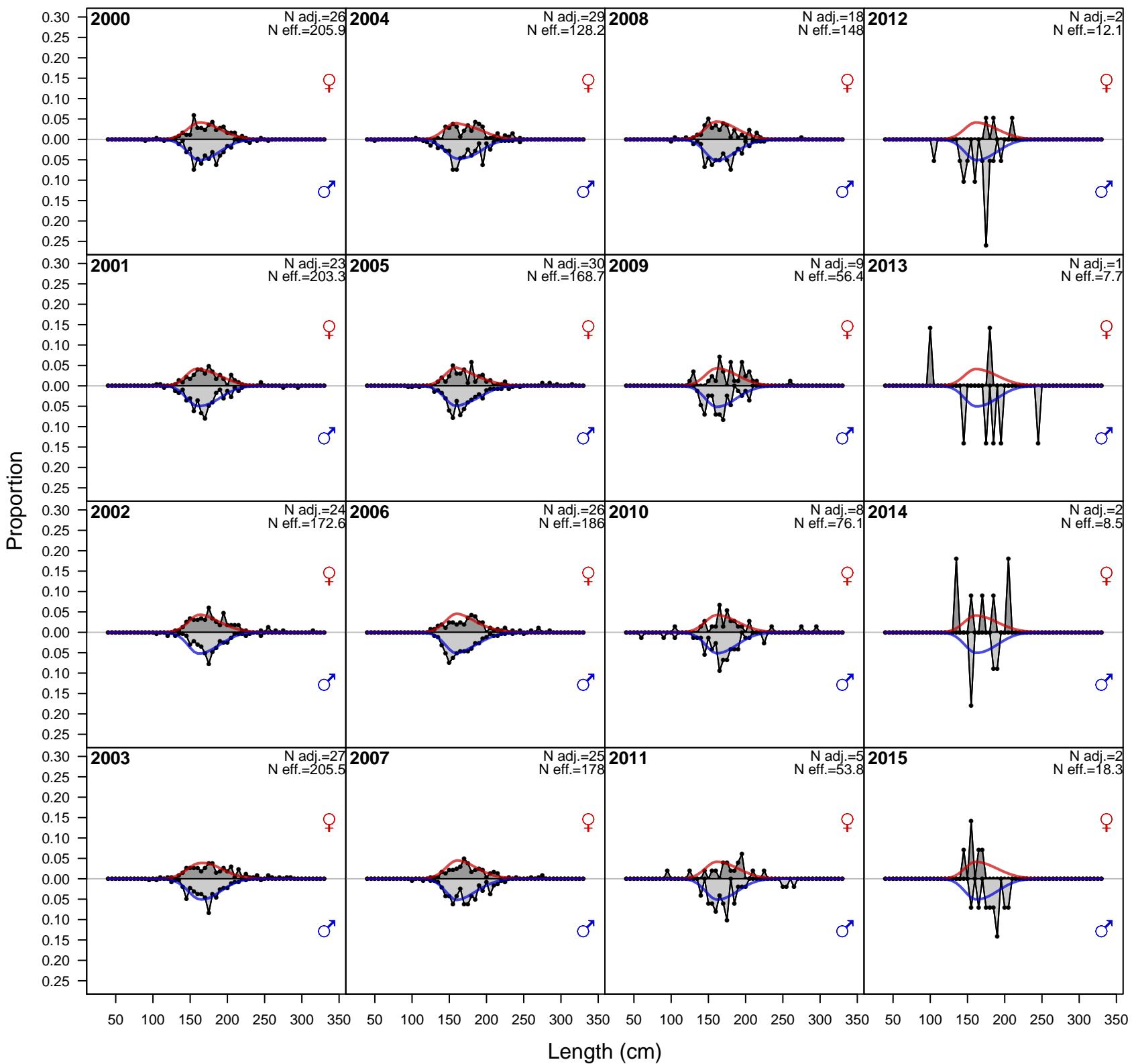




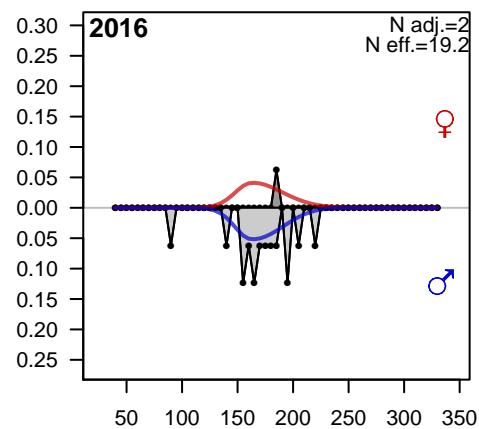


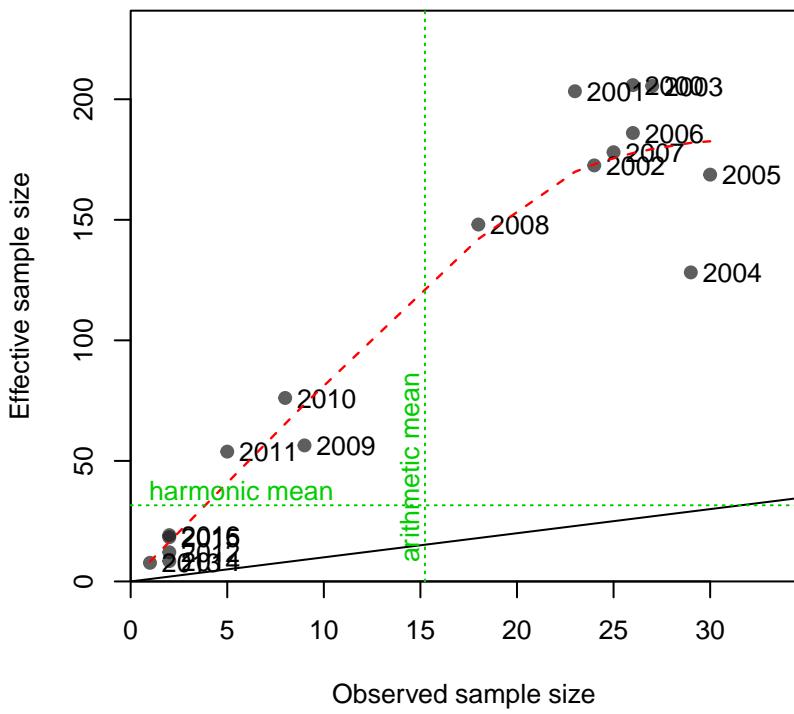
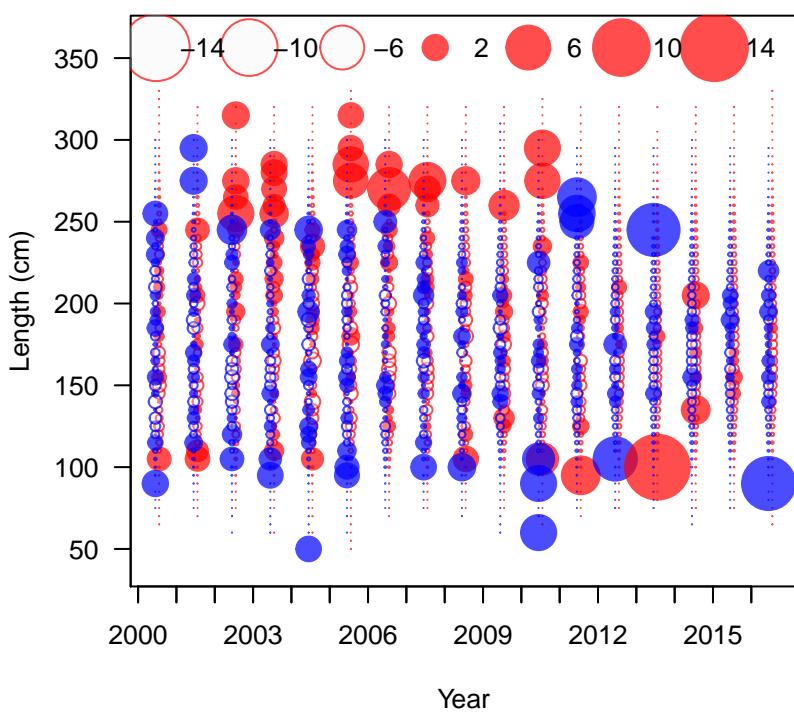
F9\_JPN\_SS (whole catch)



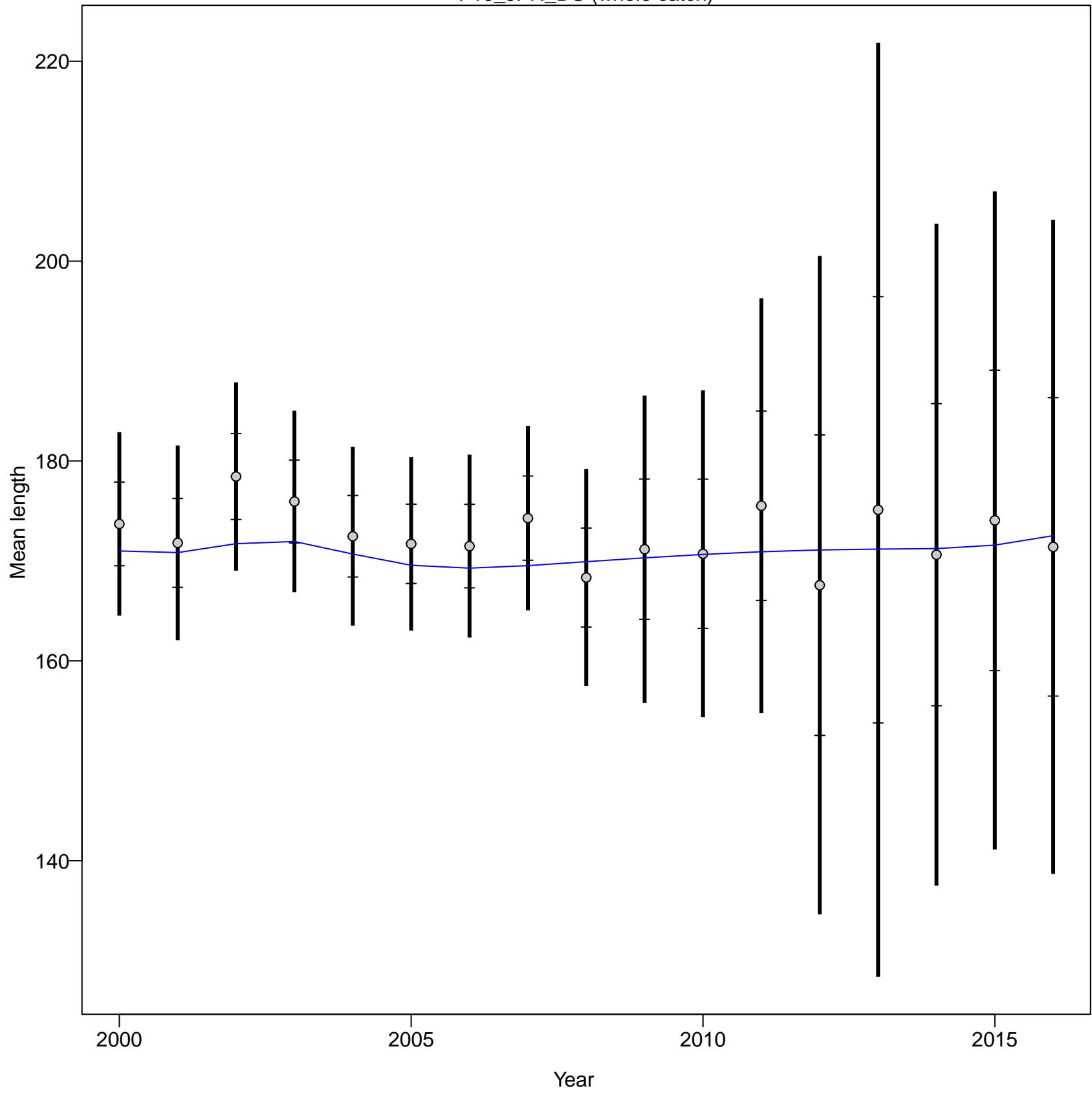


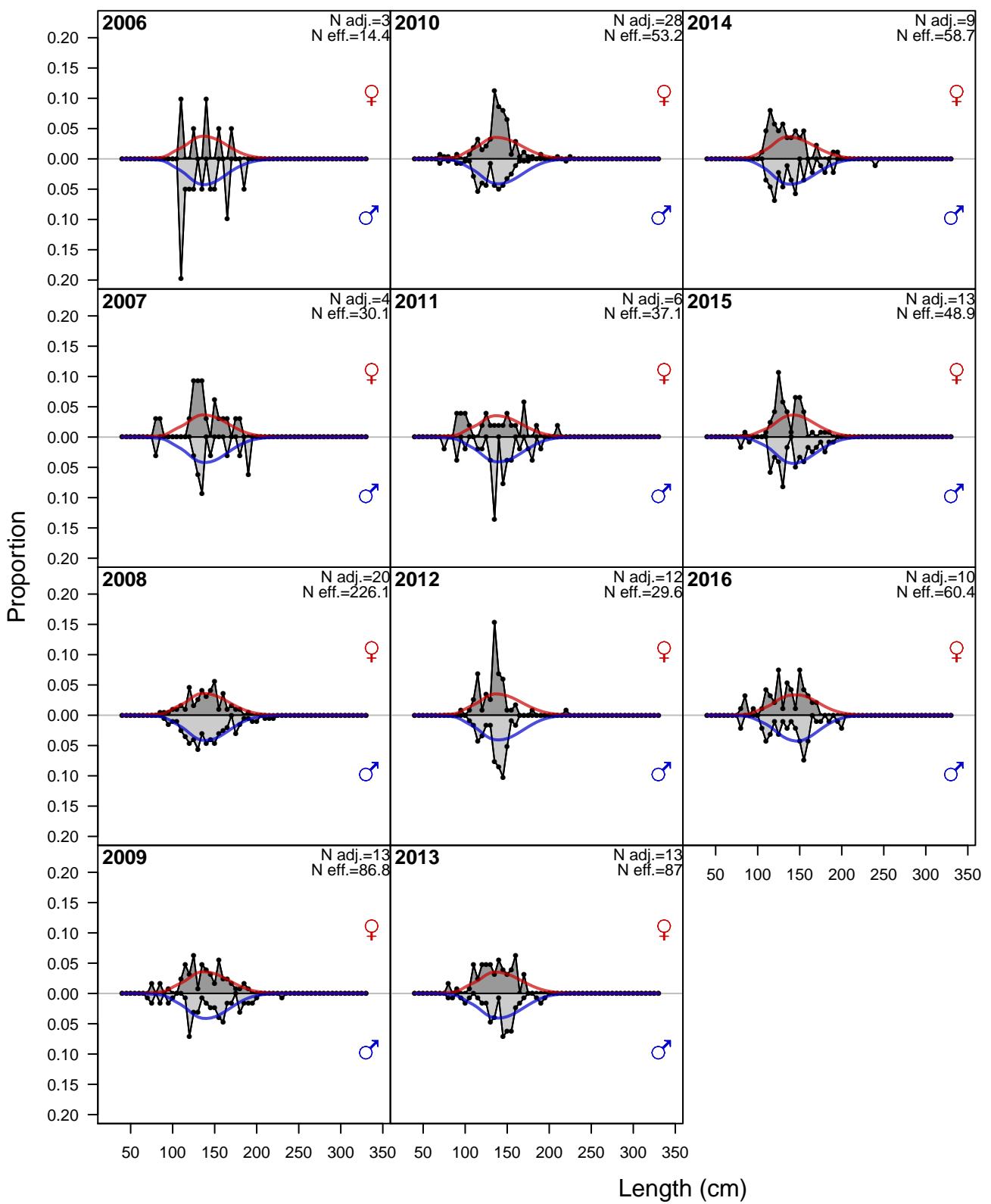
Proportion

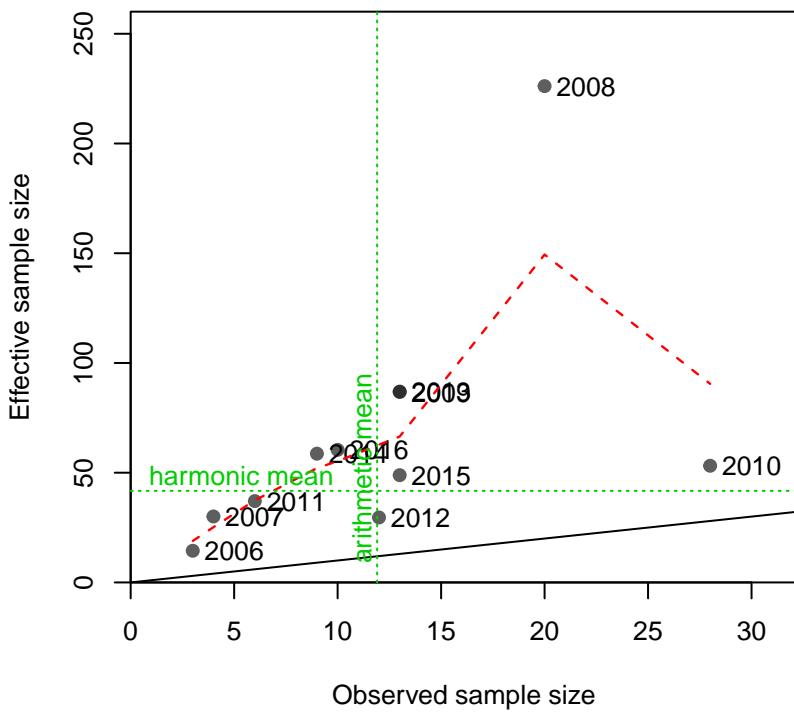
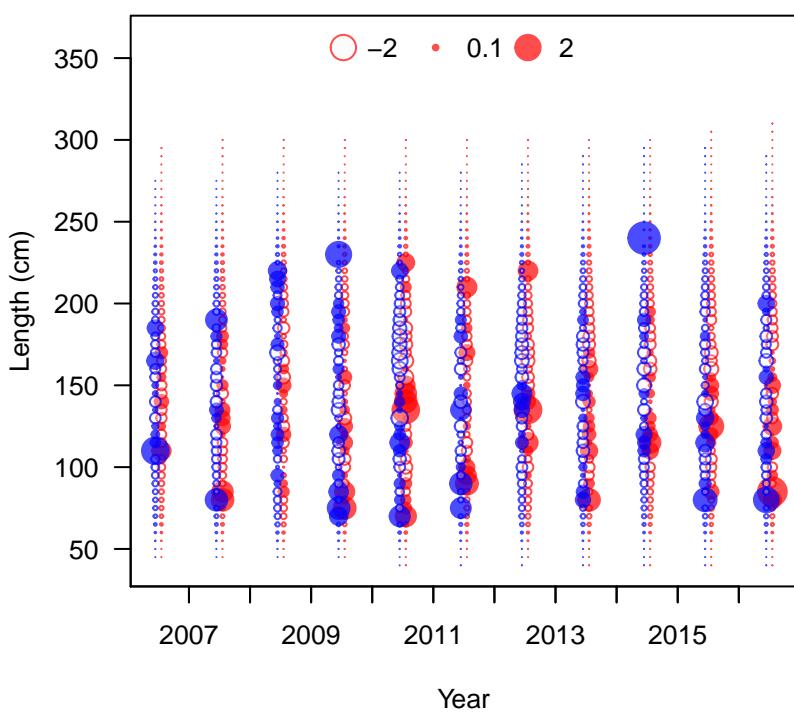




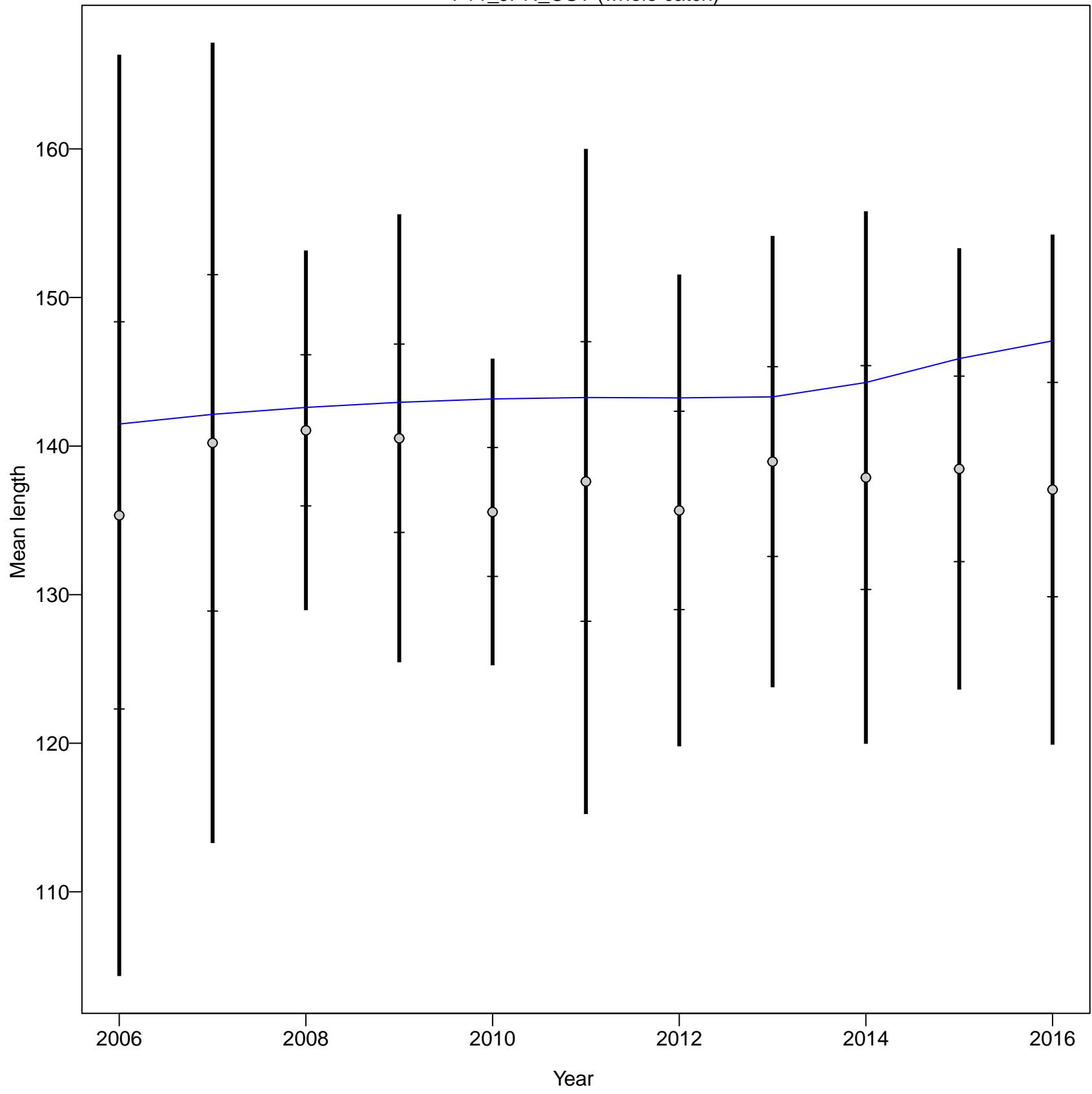
F10\_JPN\_DS (whole catch)

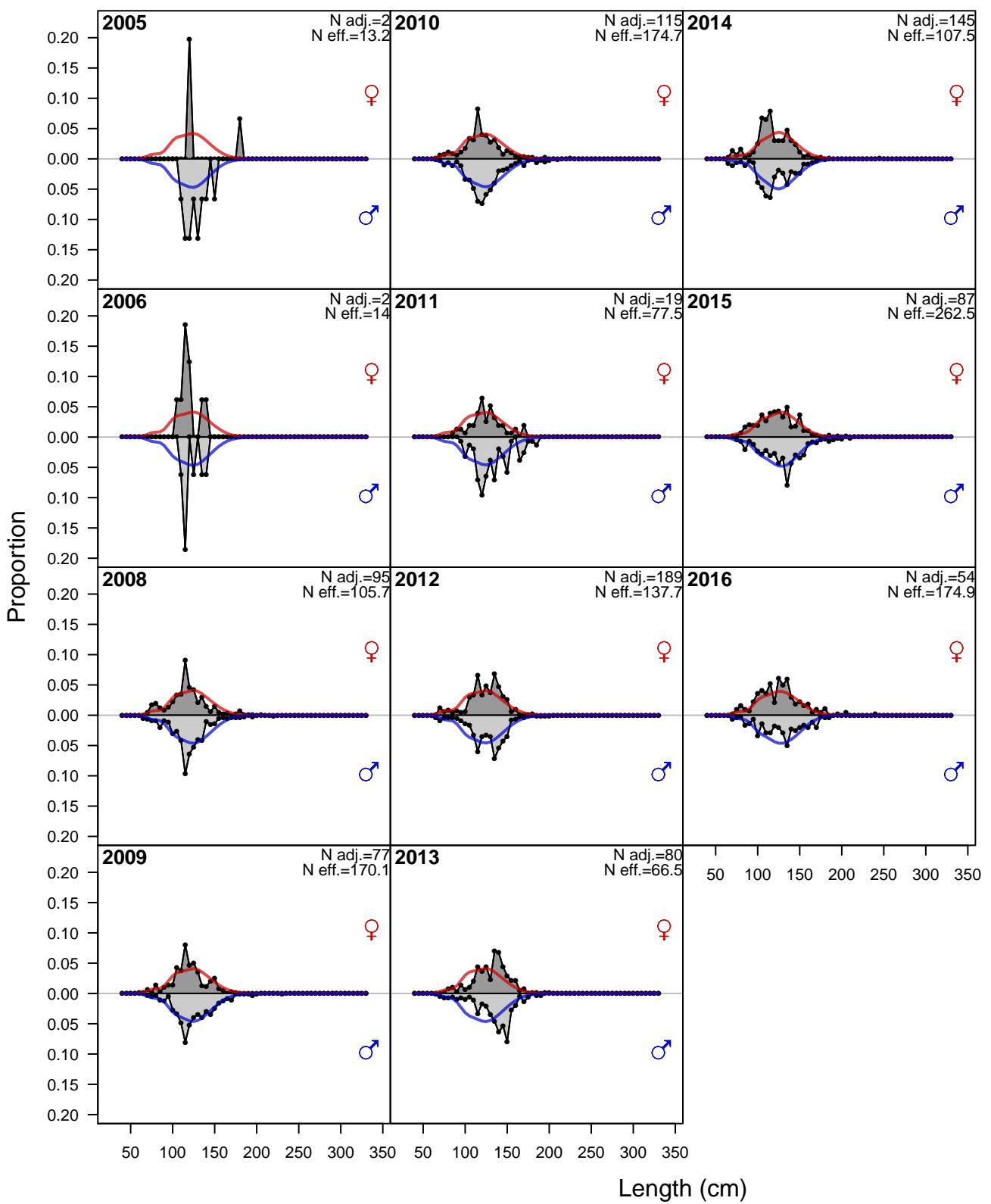


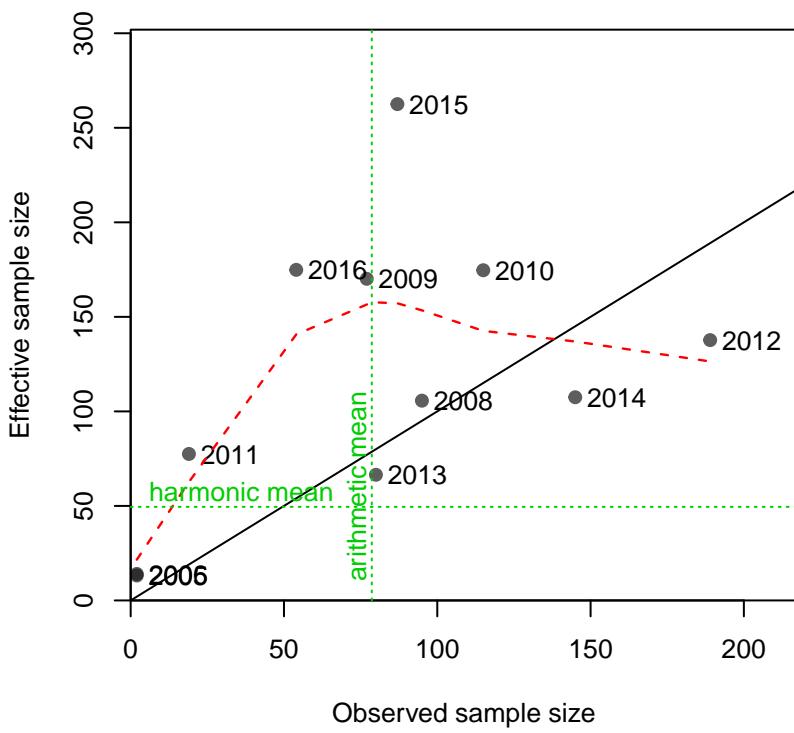
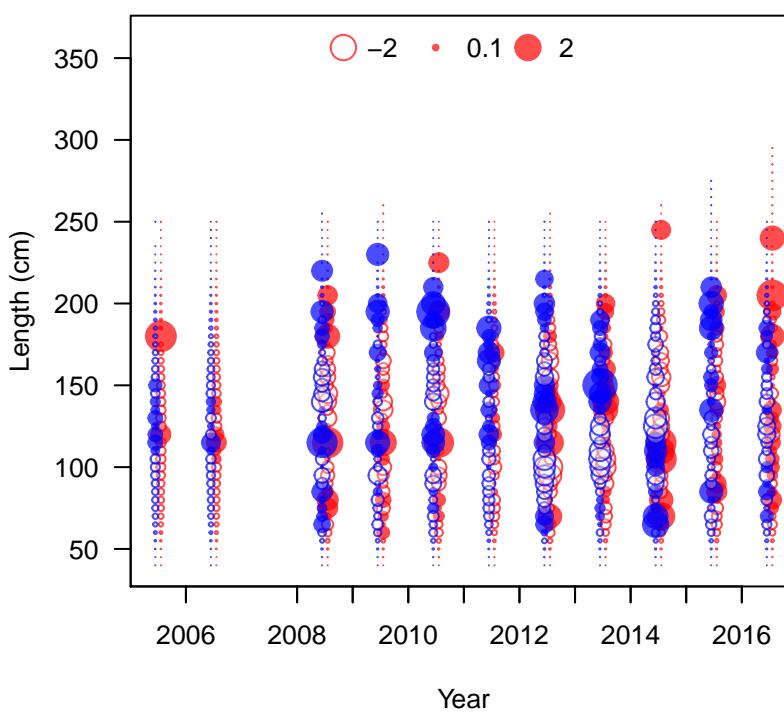




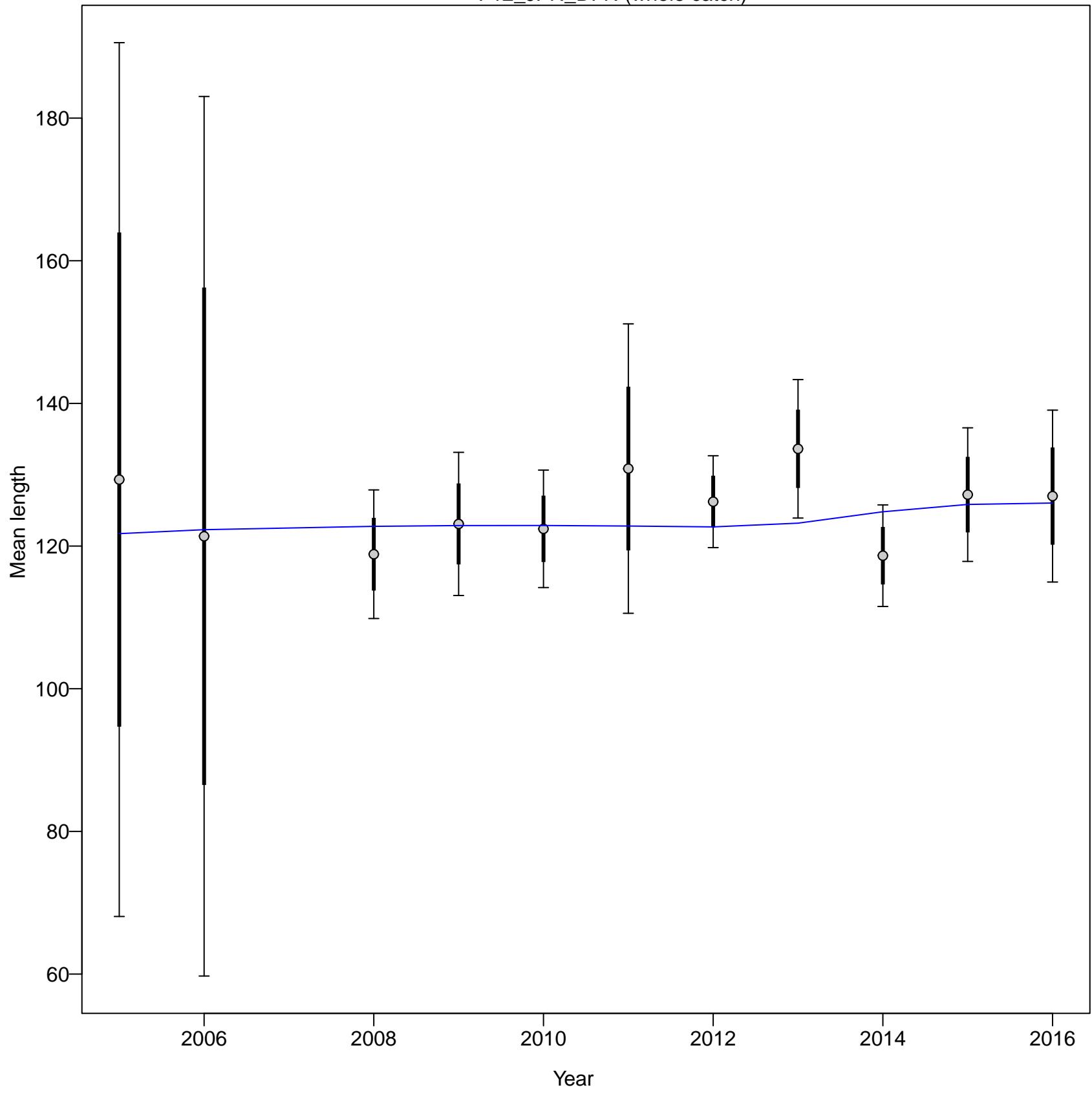
F11\_JPN\_CST (whole catch)

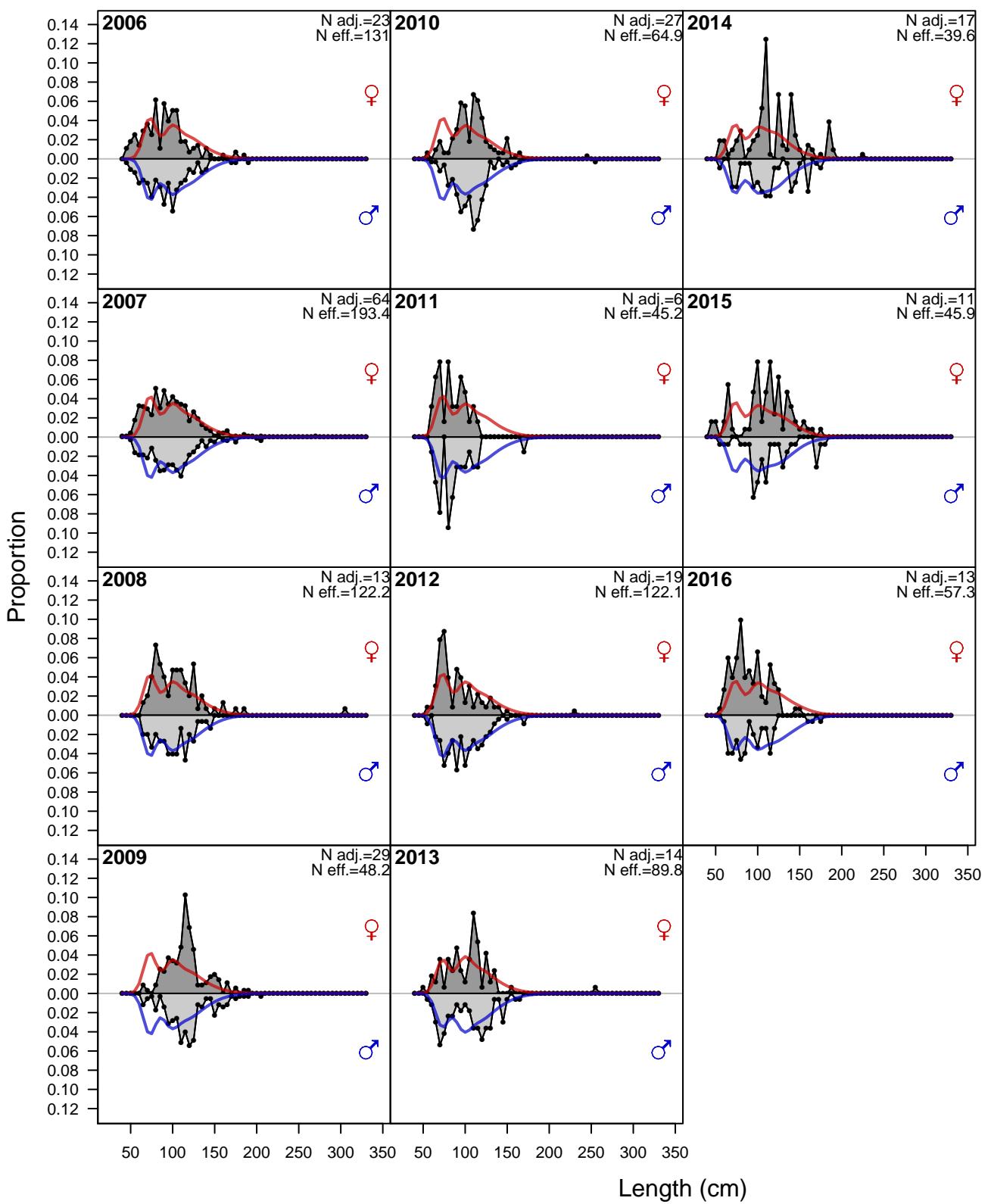


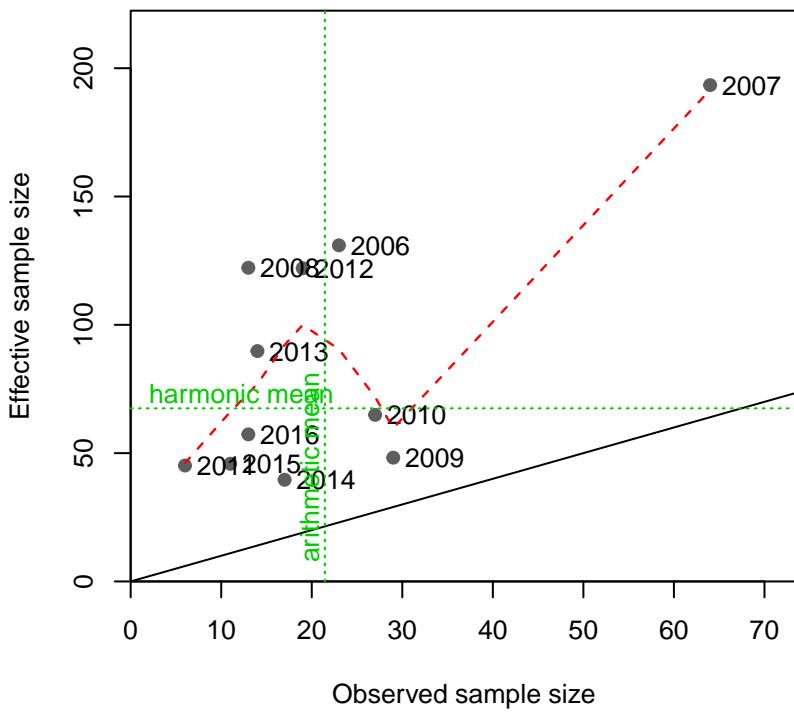
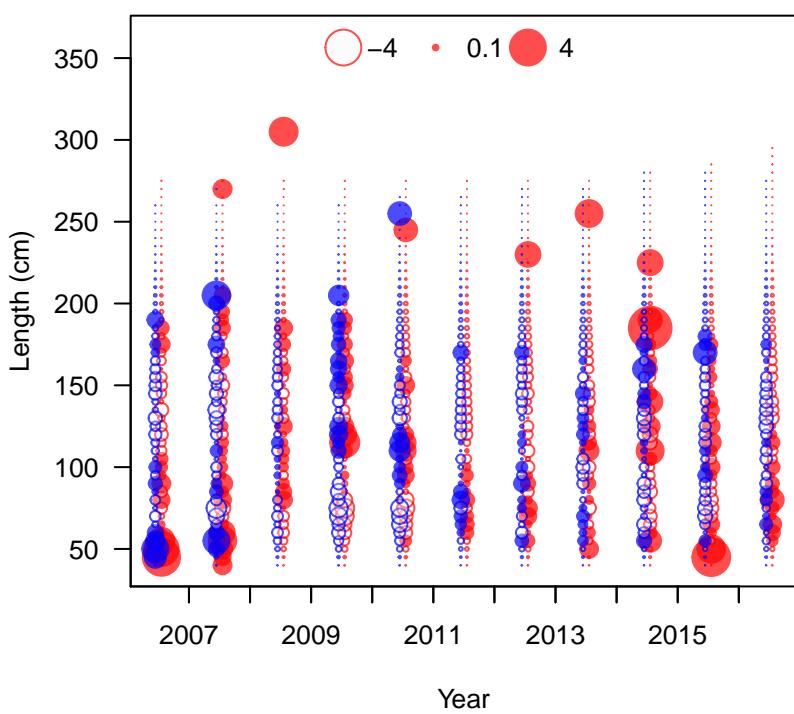




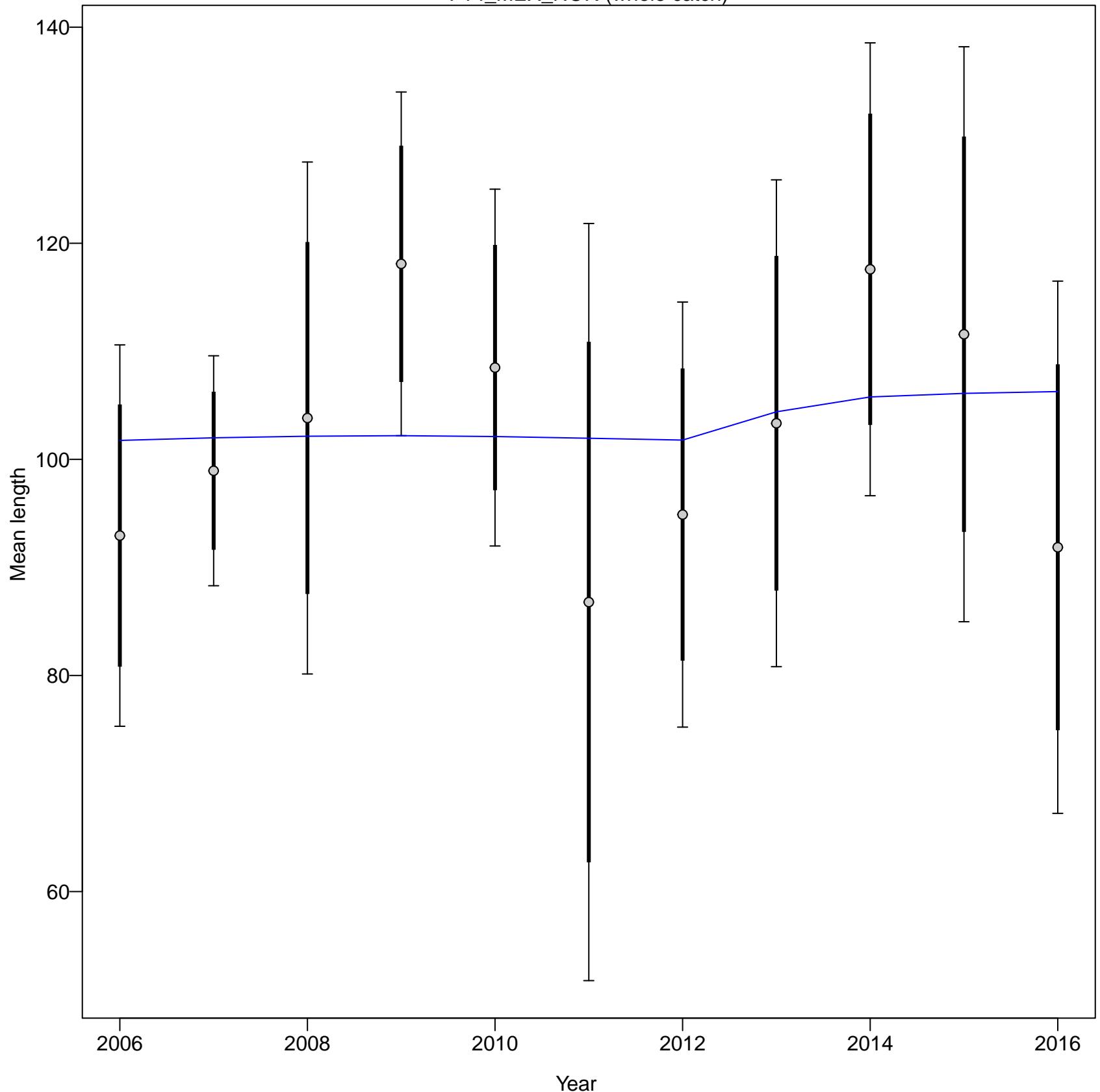
F12\_JPN\_DFN (whole catch)

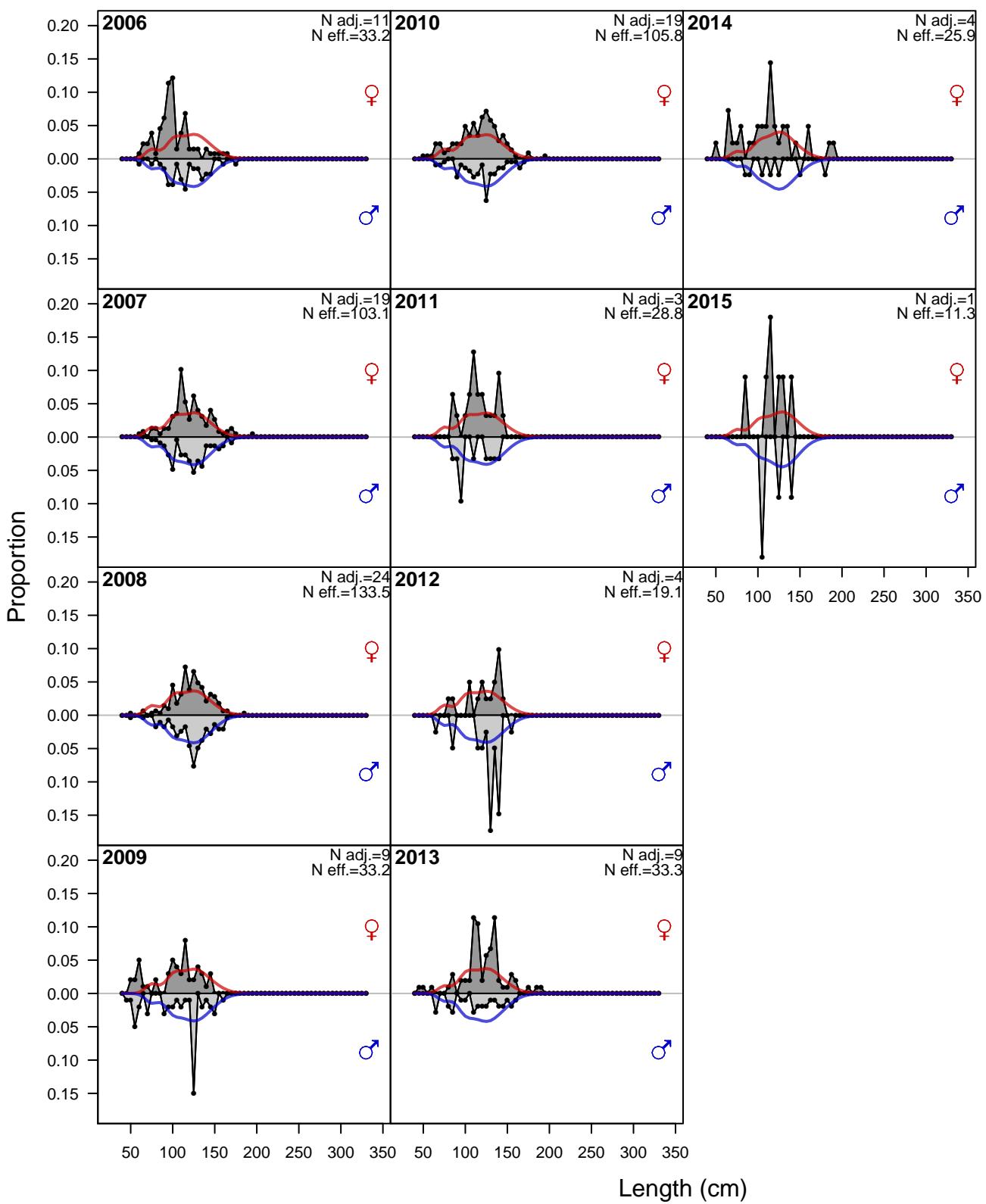


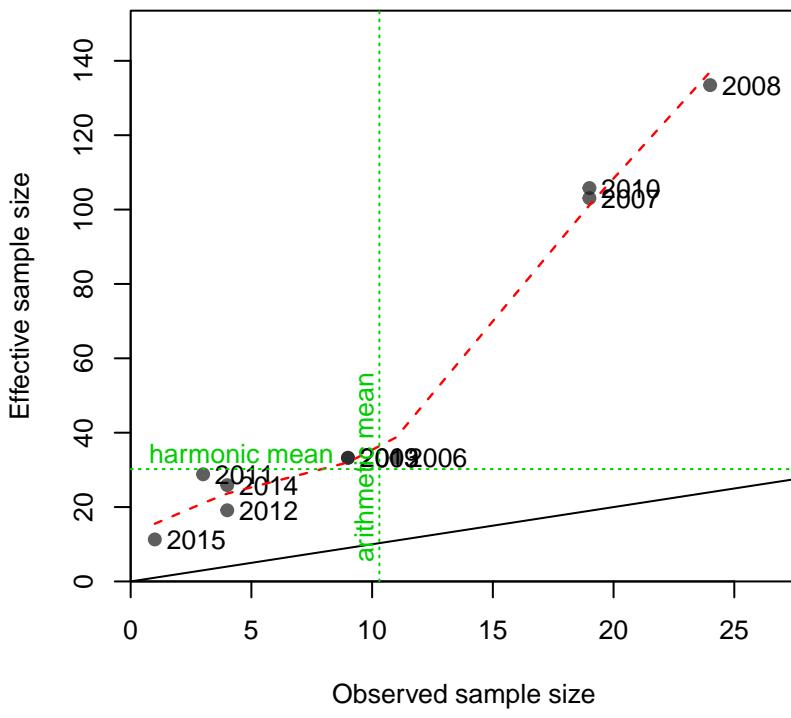
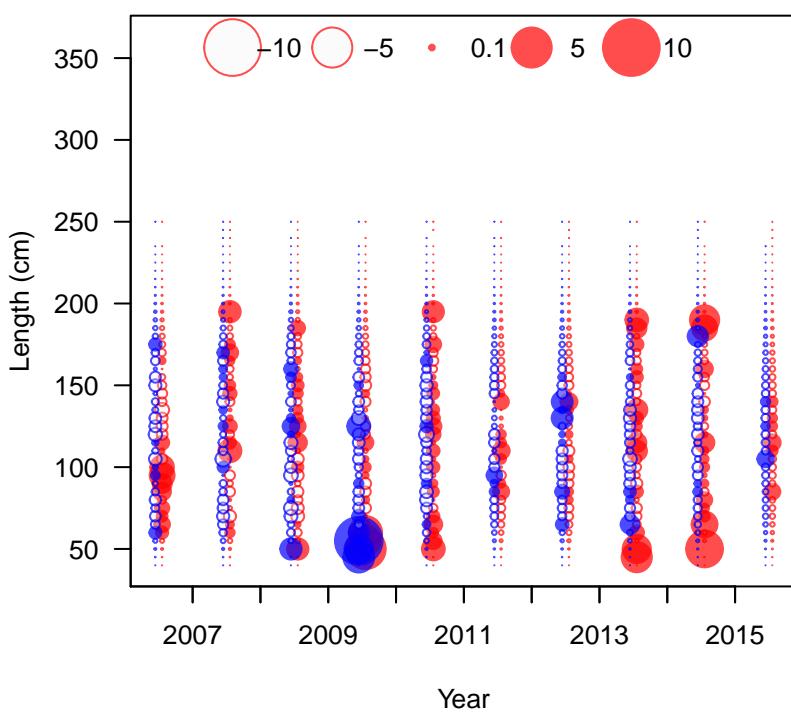




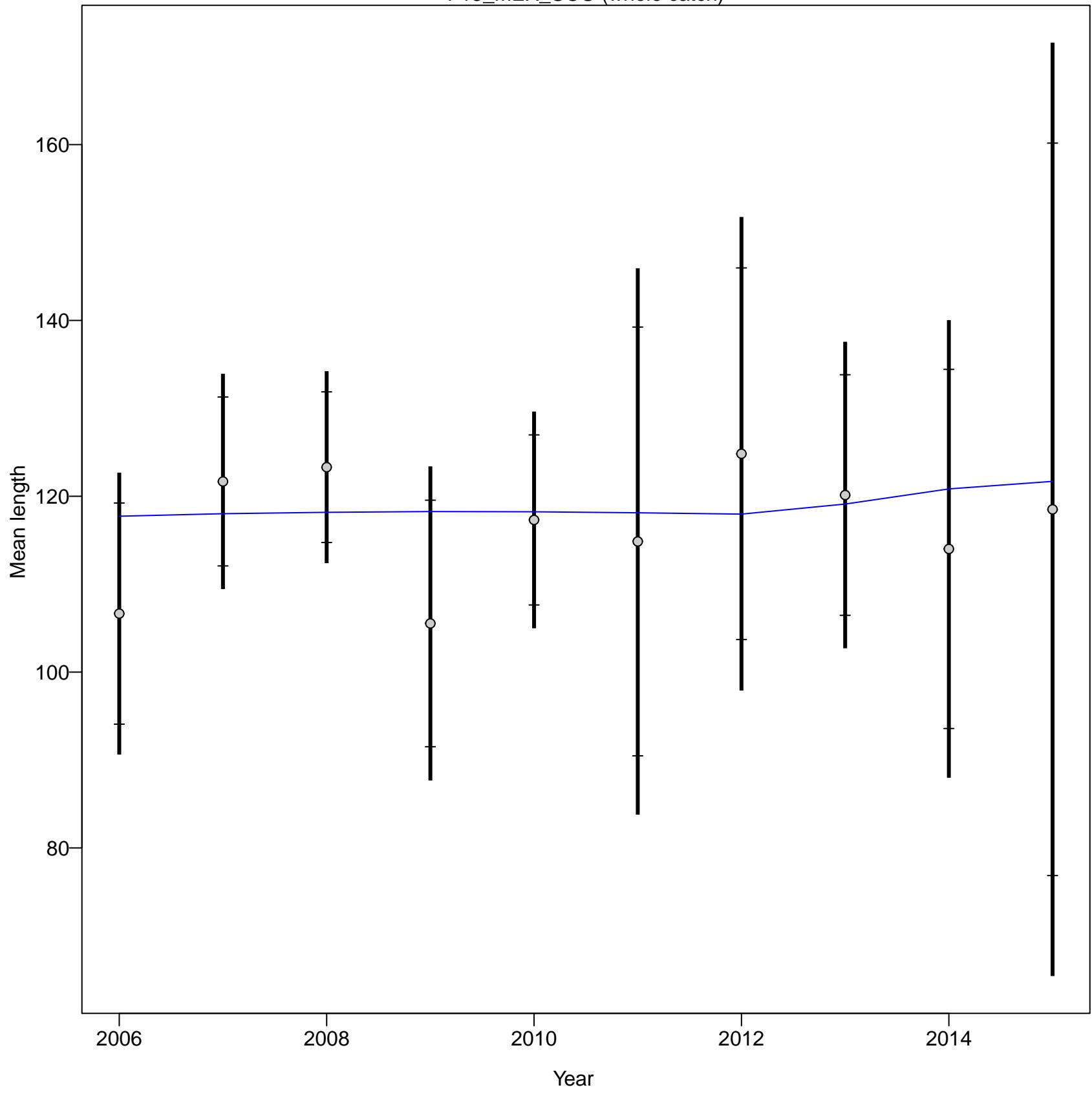
F14\_MEX\_NOR (whole catch)

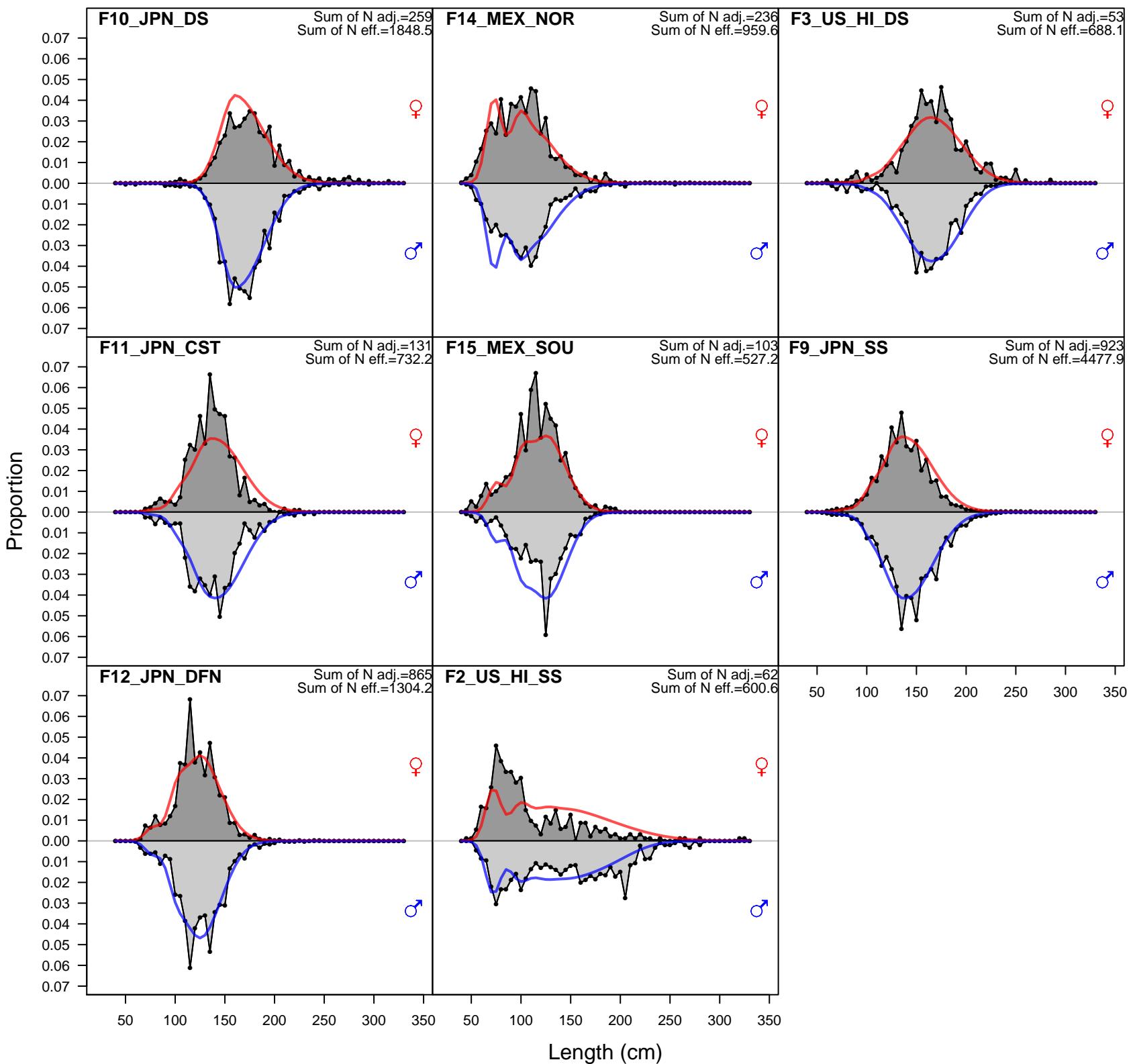






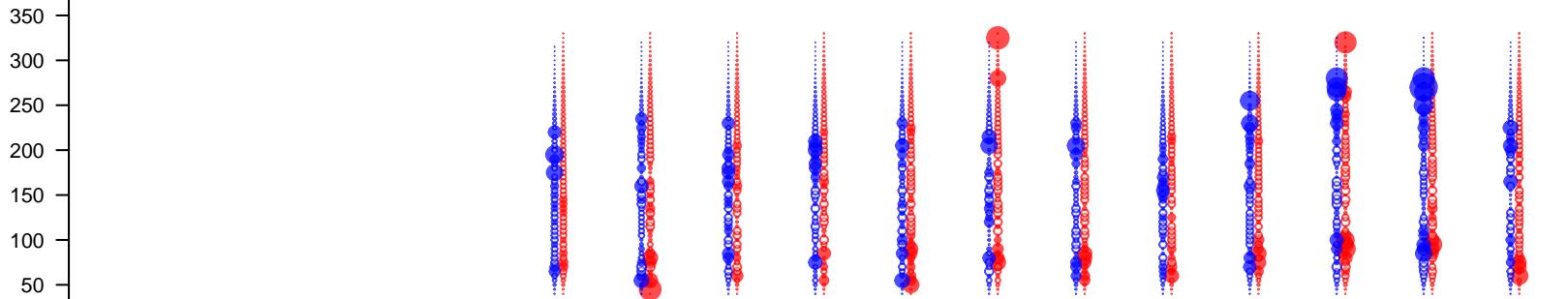
F15\_MEX\_SOU (whole catch)





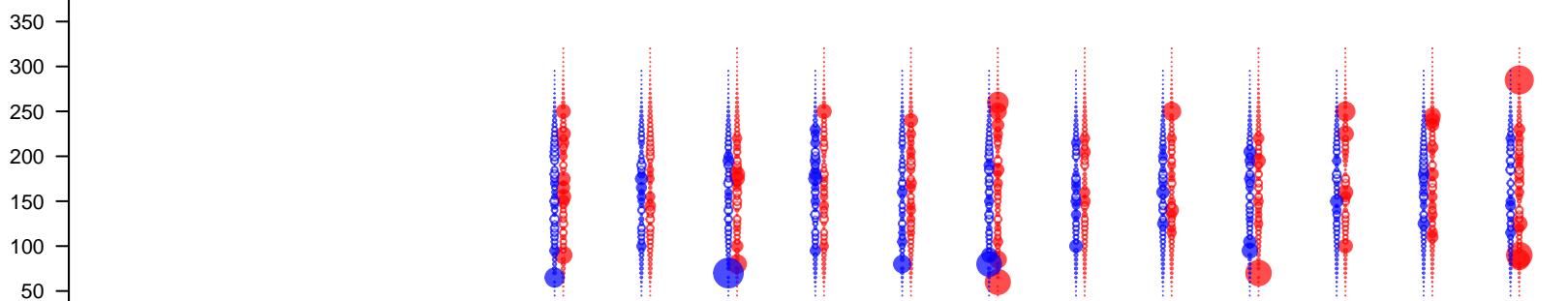
F2\_US\_HI\_SS

○ -2 ● 0.1 ■ 2

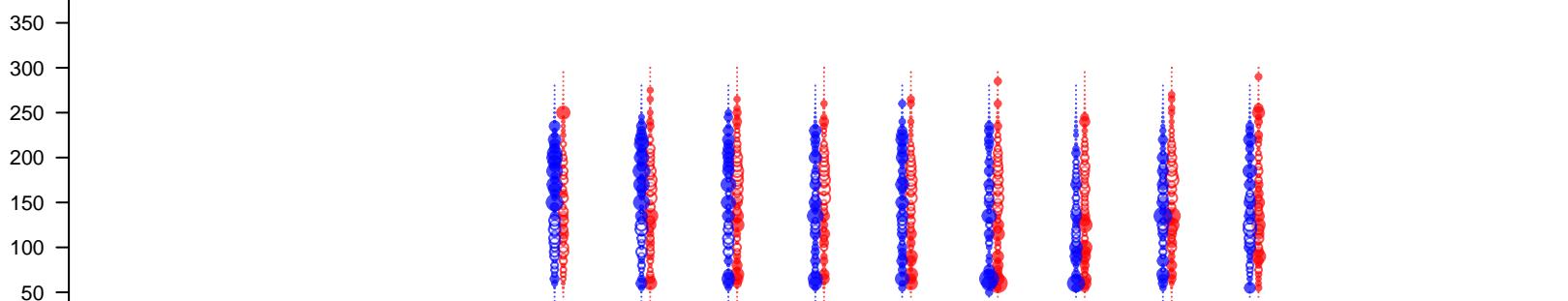


F3\_US\_HI\_DS

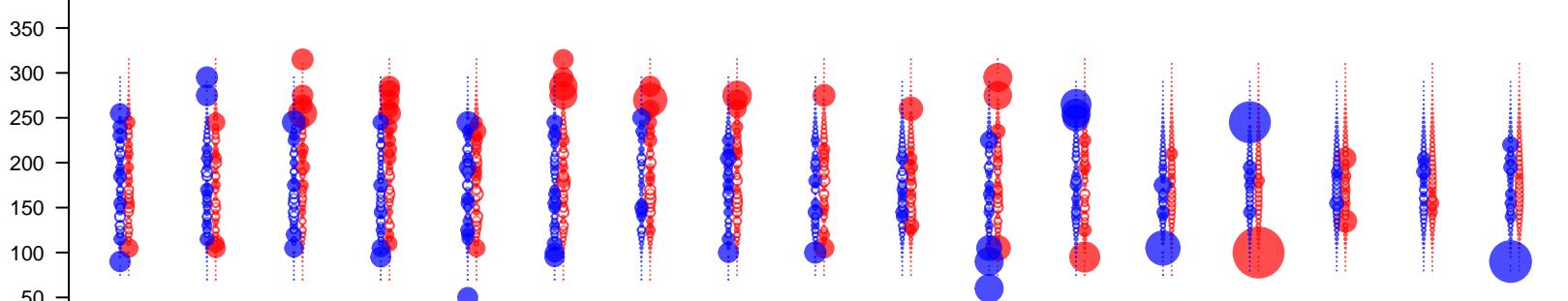
Length (cm)



F9\_JPN\_SS



F10\_JPN\_DS

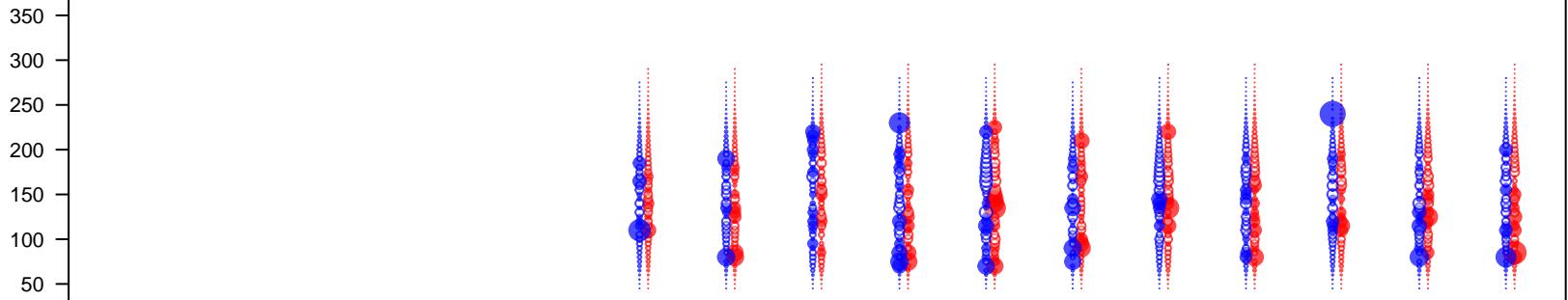


2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016

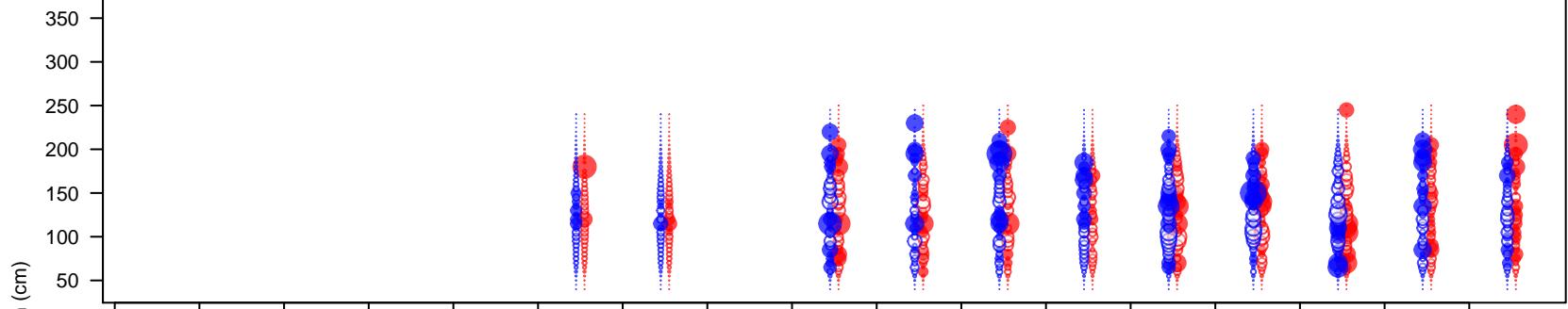
Year

F11\_JPN\_CST

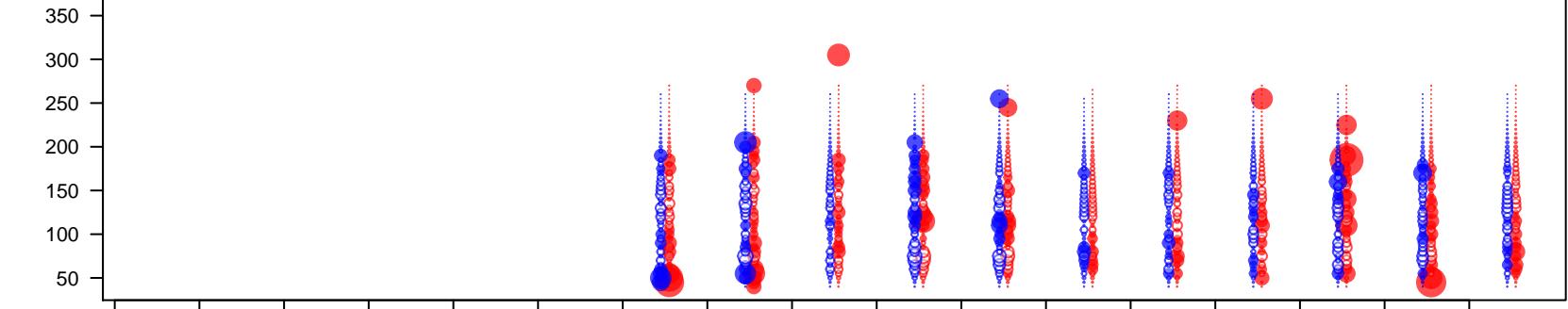
- 2
- 0.1
- 2



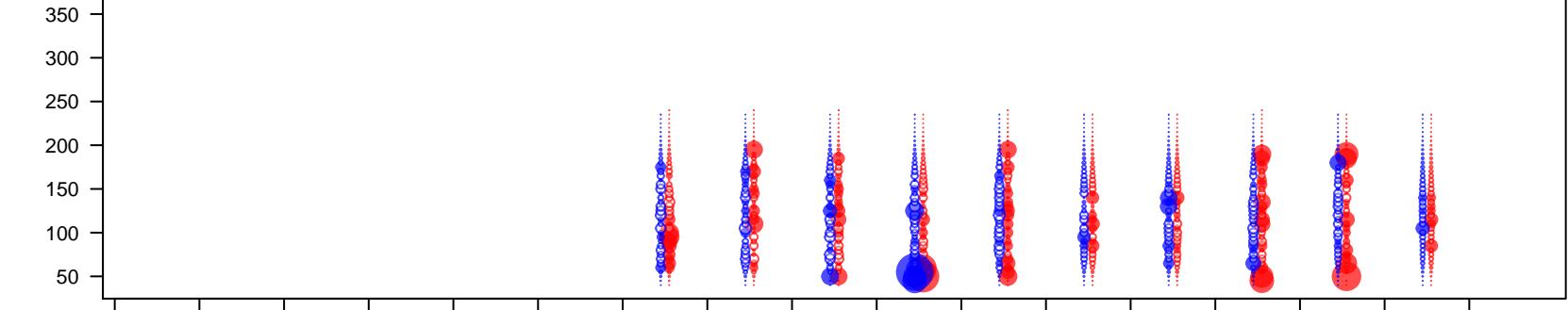
F12\_JPN\_DFN



F14\_MEX\_NOR

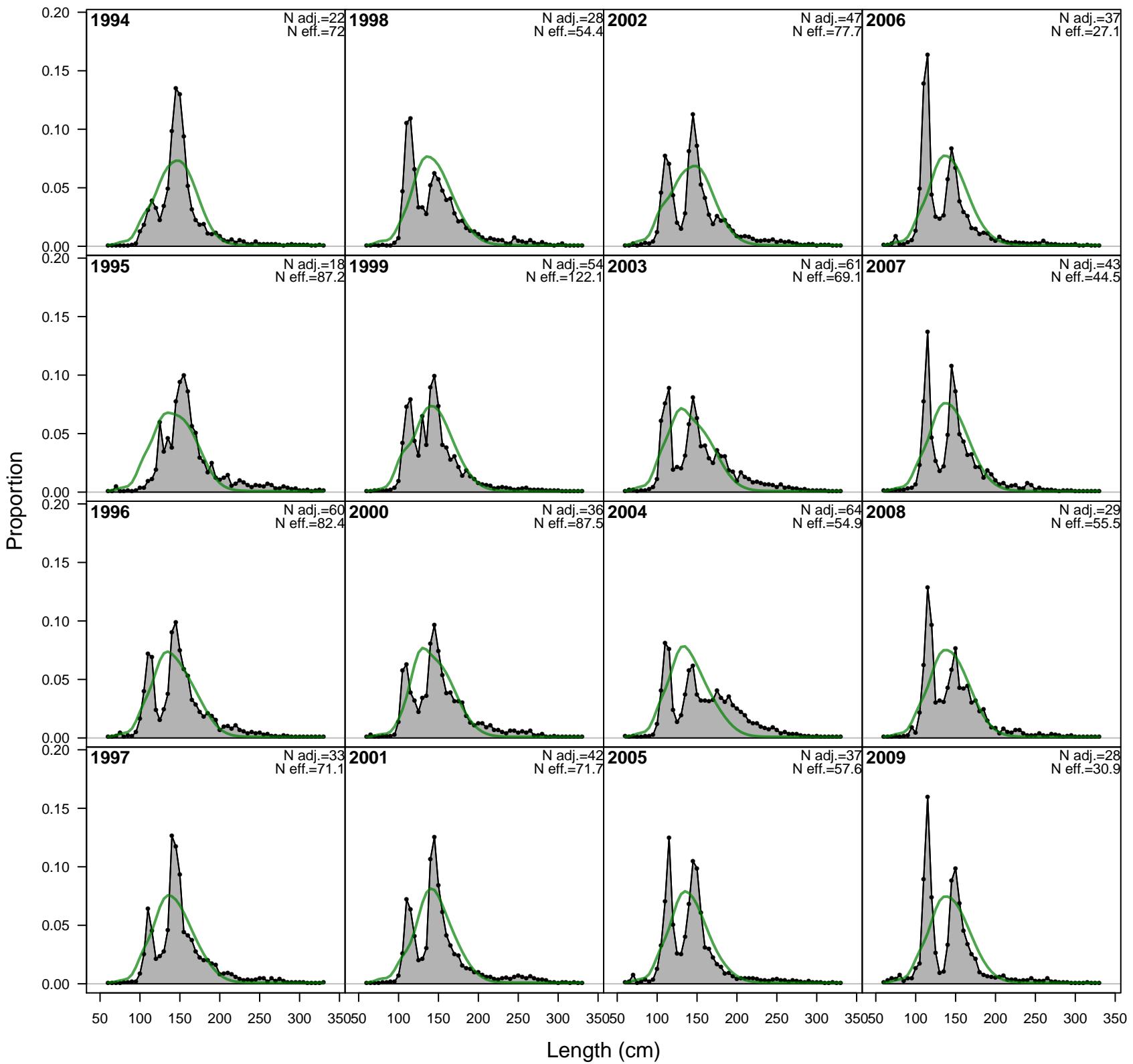


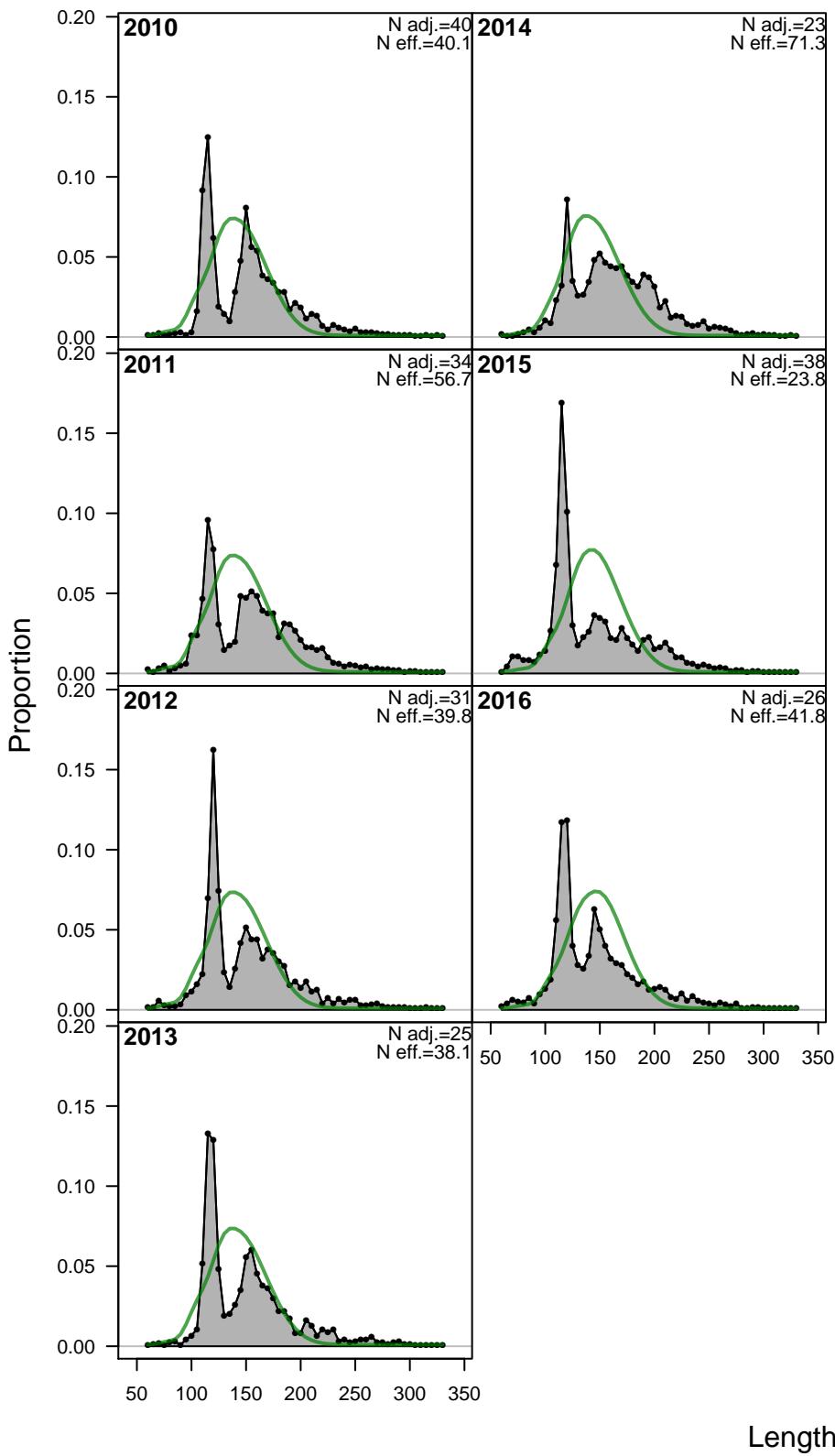
F15\_MEX\_SOUL

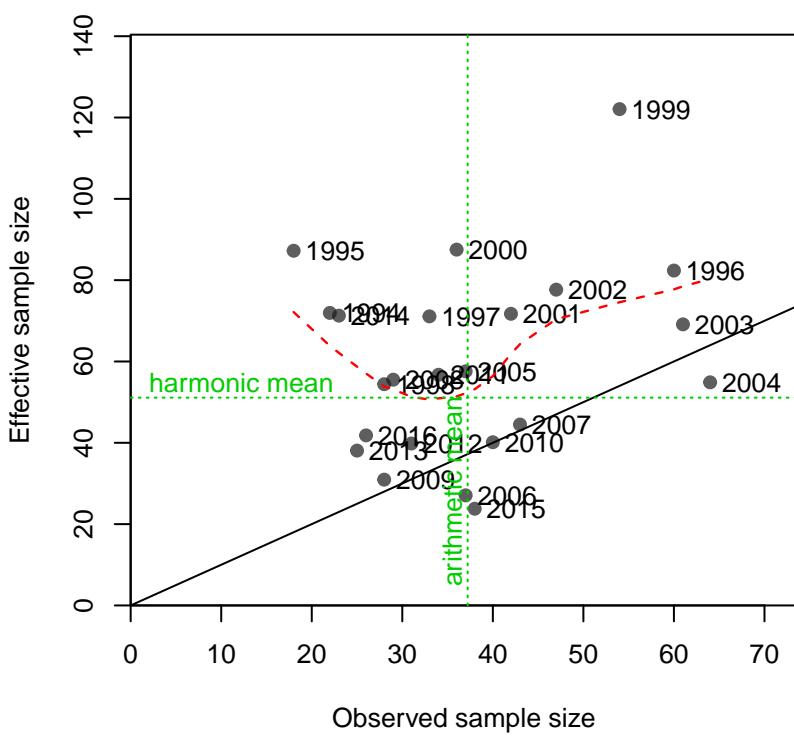
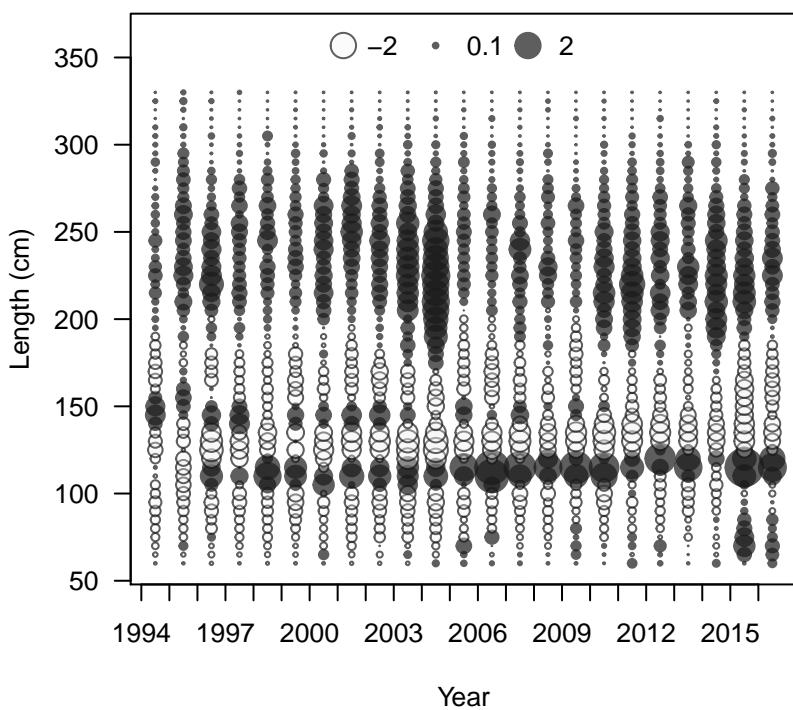


2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016

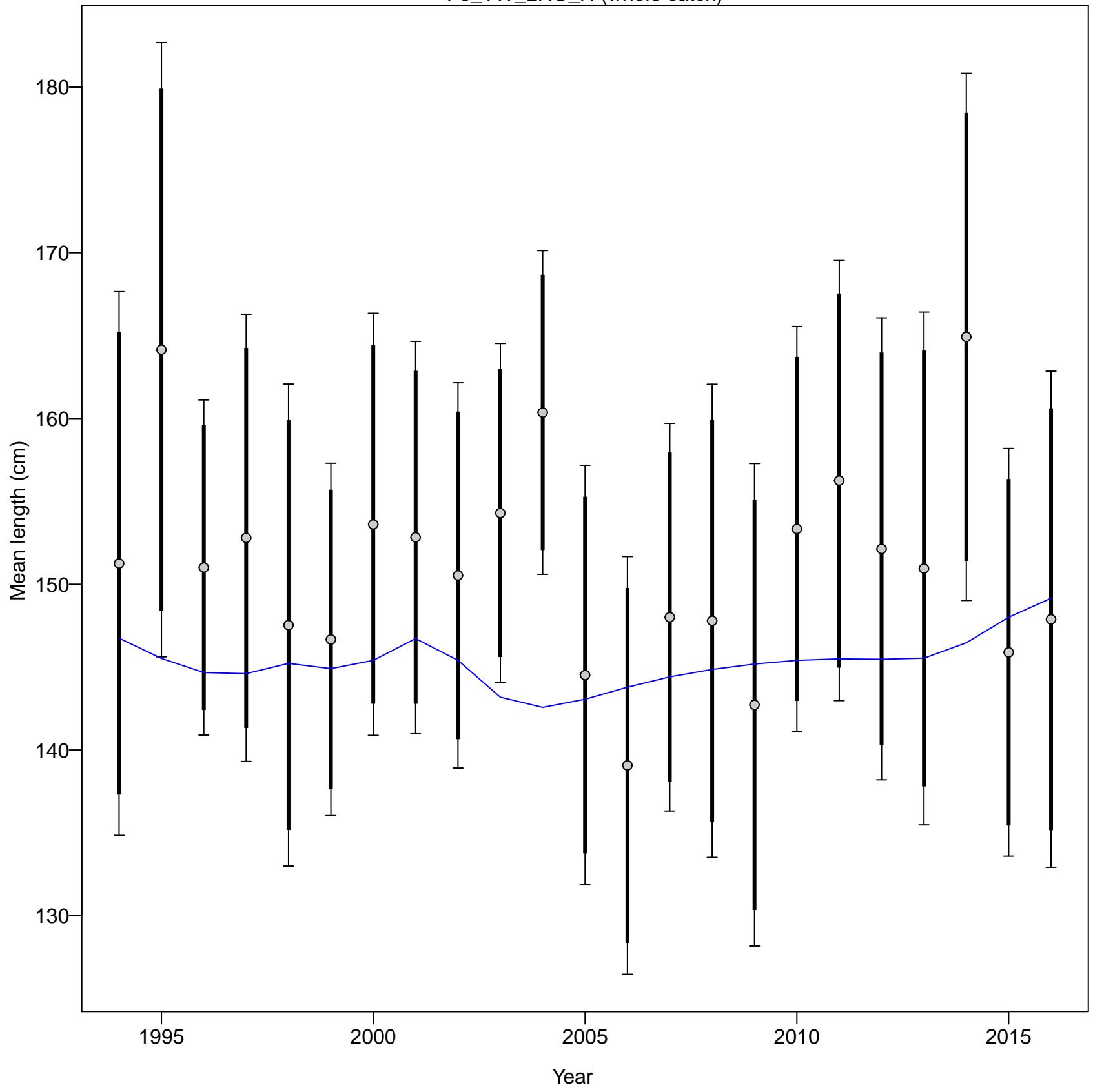
Year

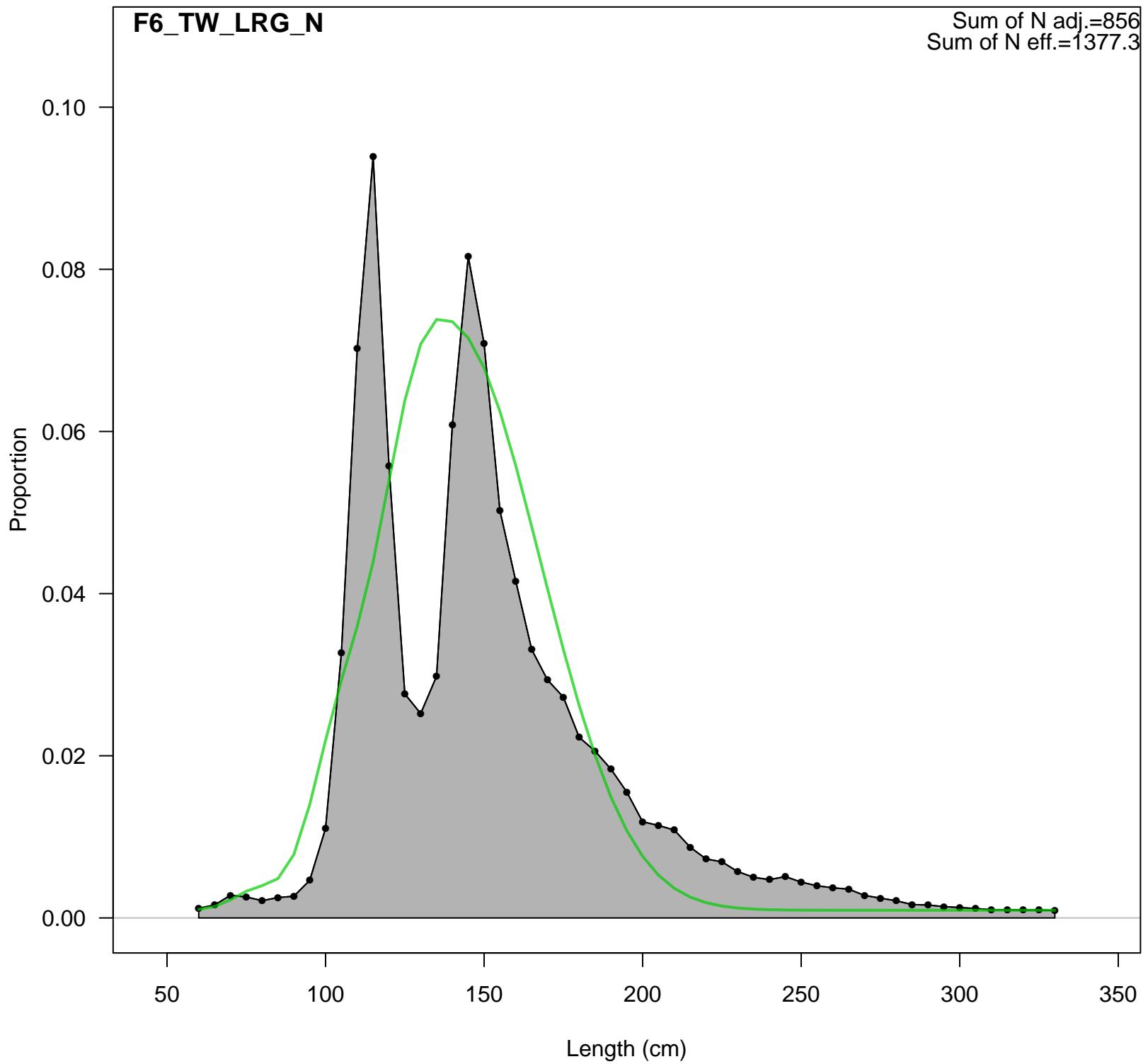


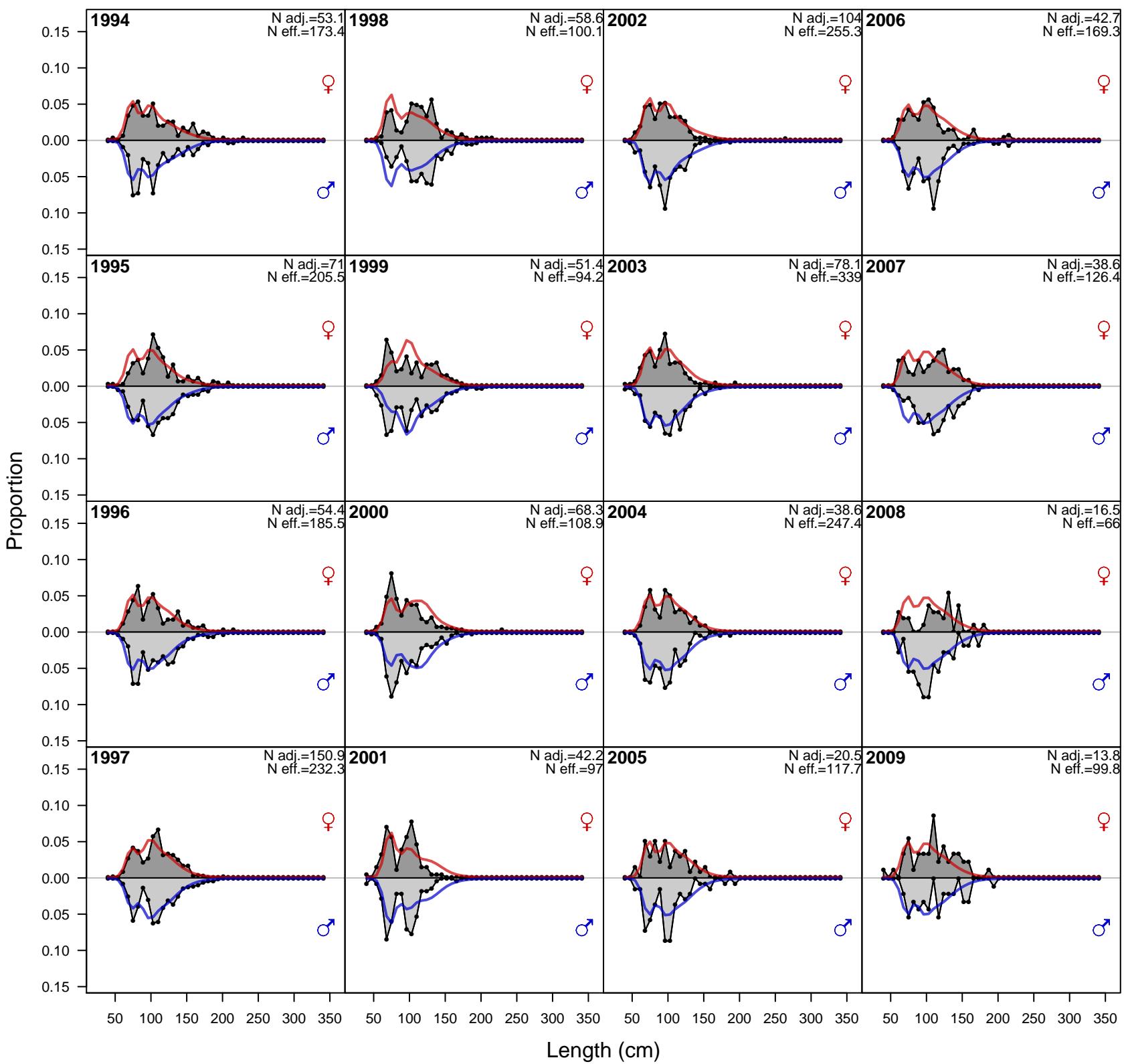


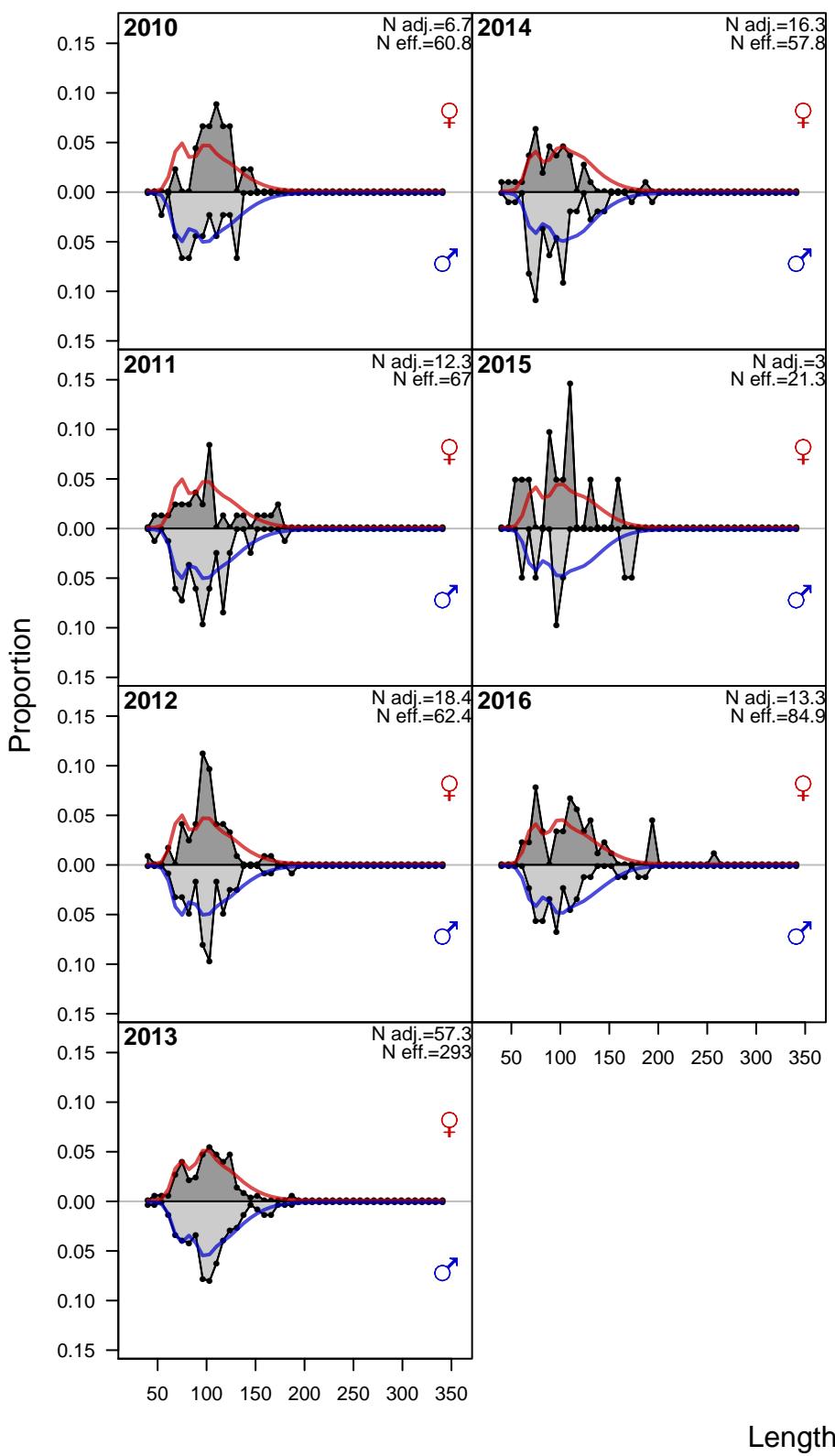


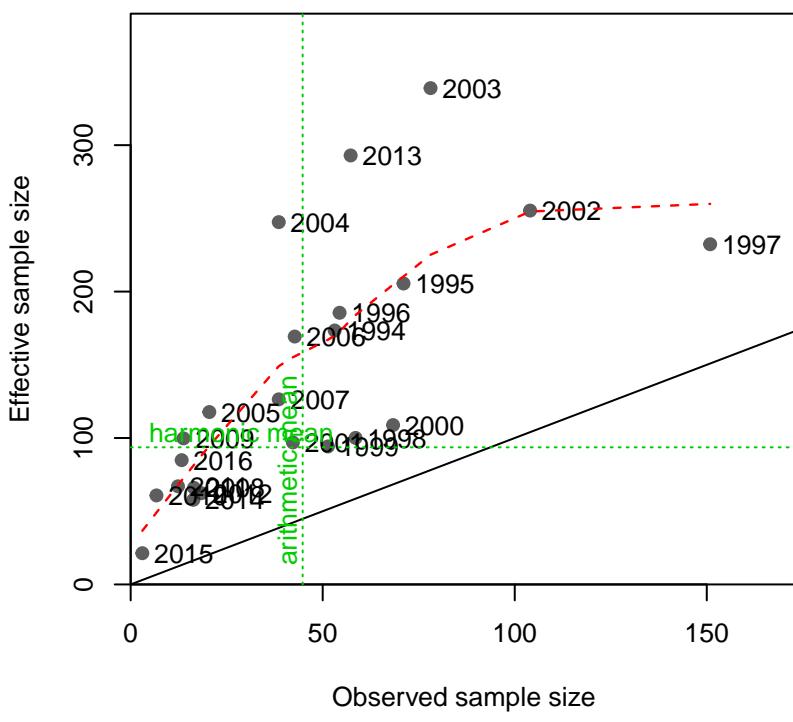
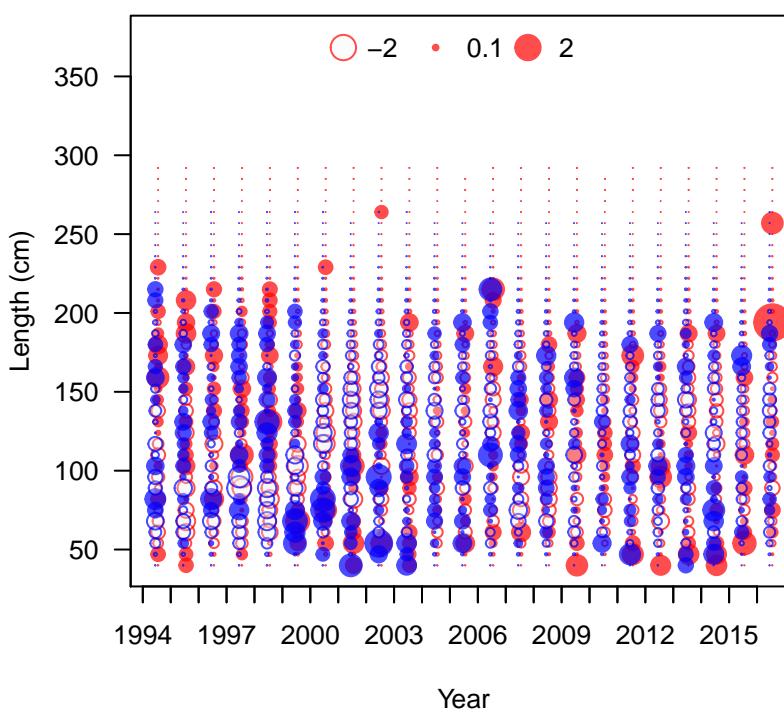
F6\_TW\_LRG\_N (whole catch)



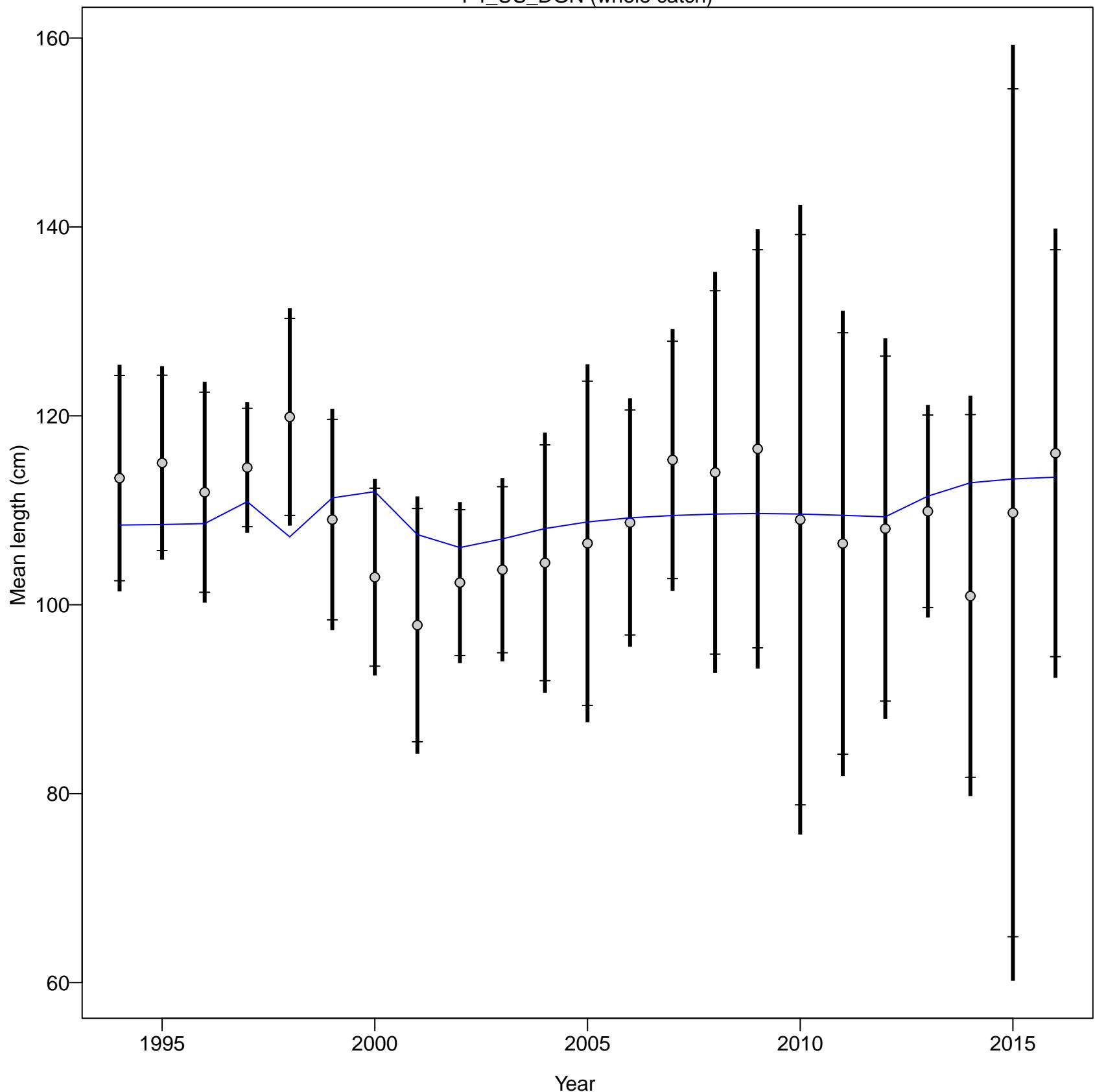


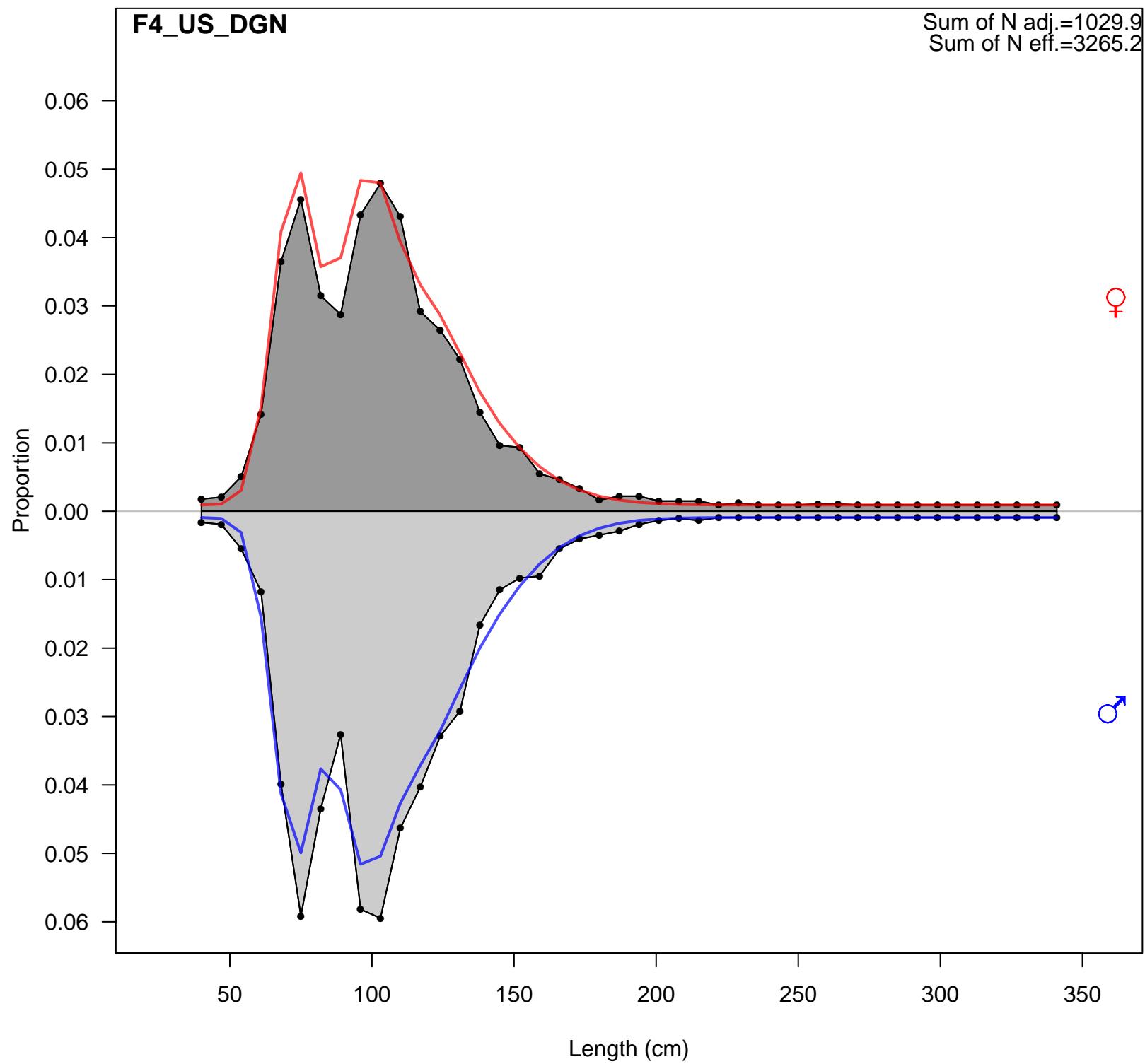






# F4\_US\_DGN (whole catch)





### Data by type and year

