

Plots created using the 'r4ss' package in R

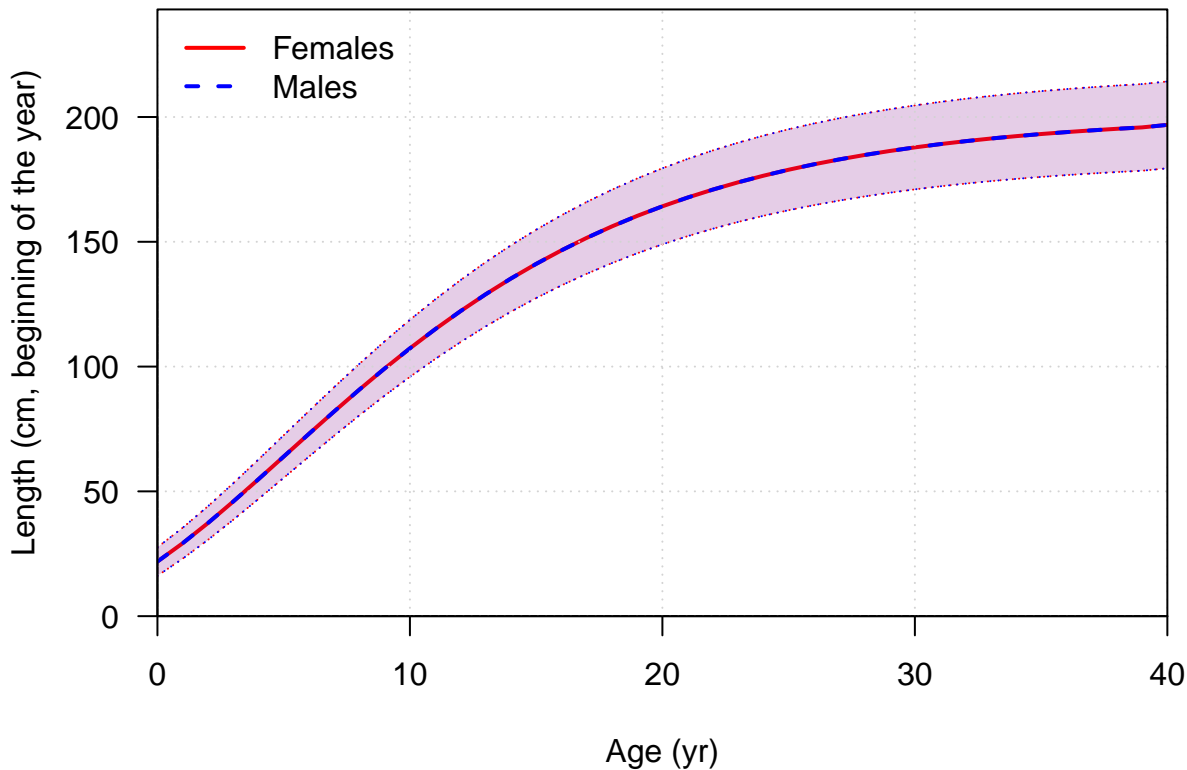
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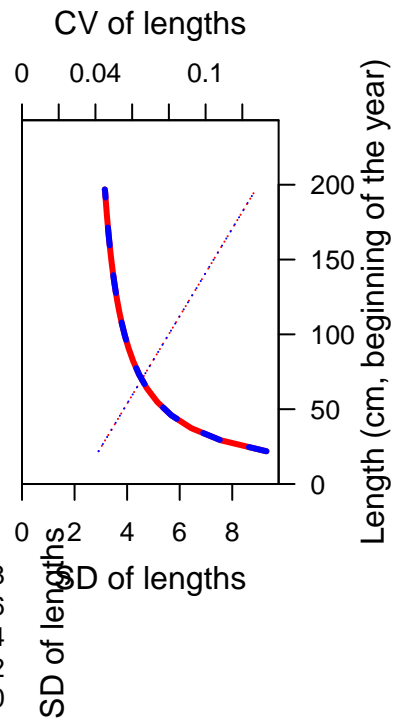
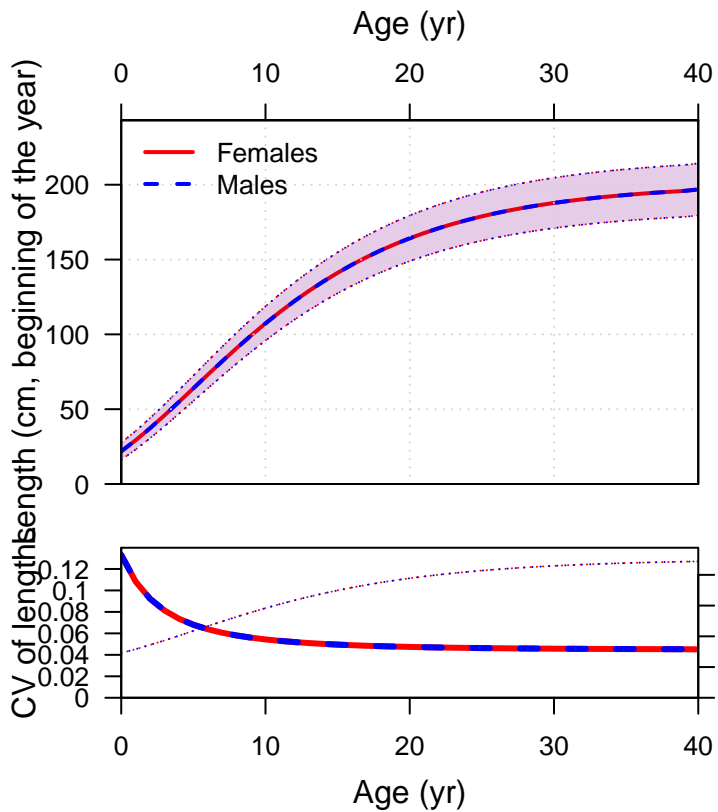
StartTime: Sun May 10 18:37:38 2020

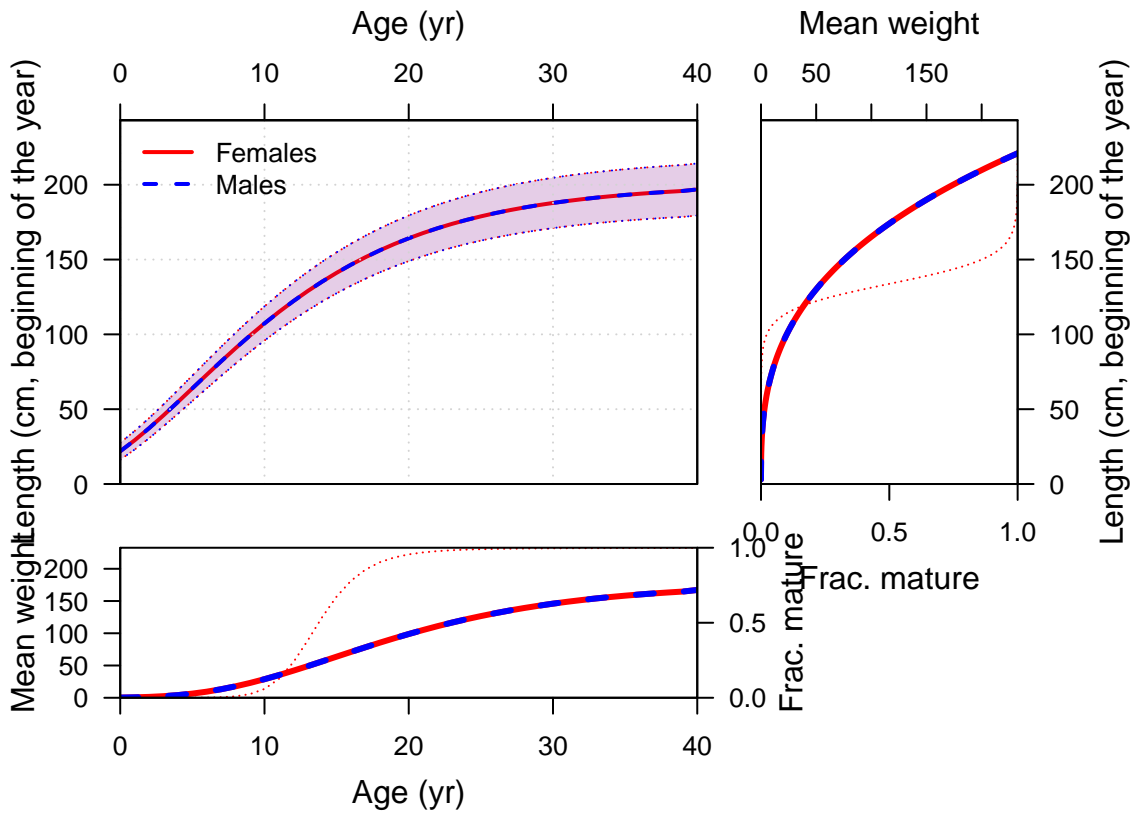
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Control\_File: BET-EPO.ctl

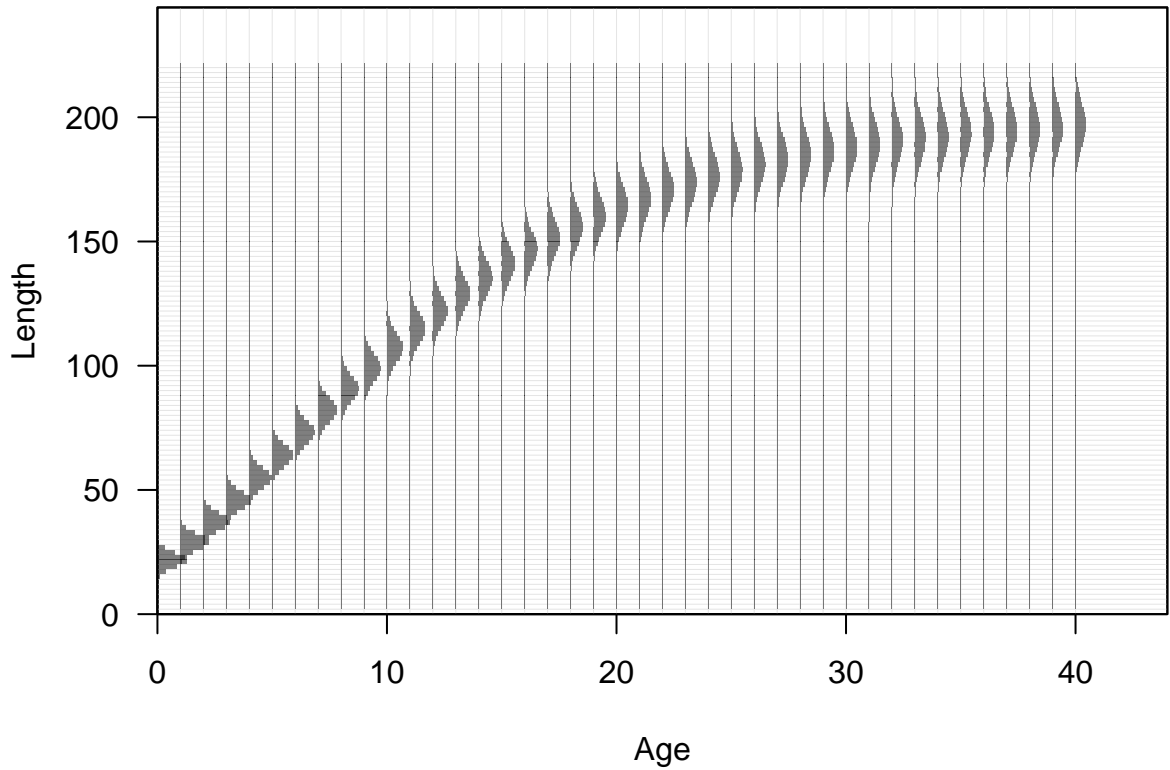
## Ending year expected growth (with 95% intervals)

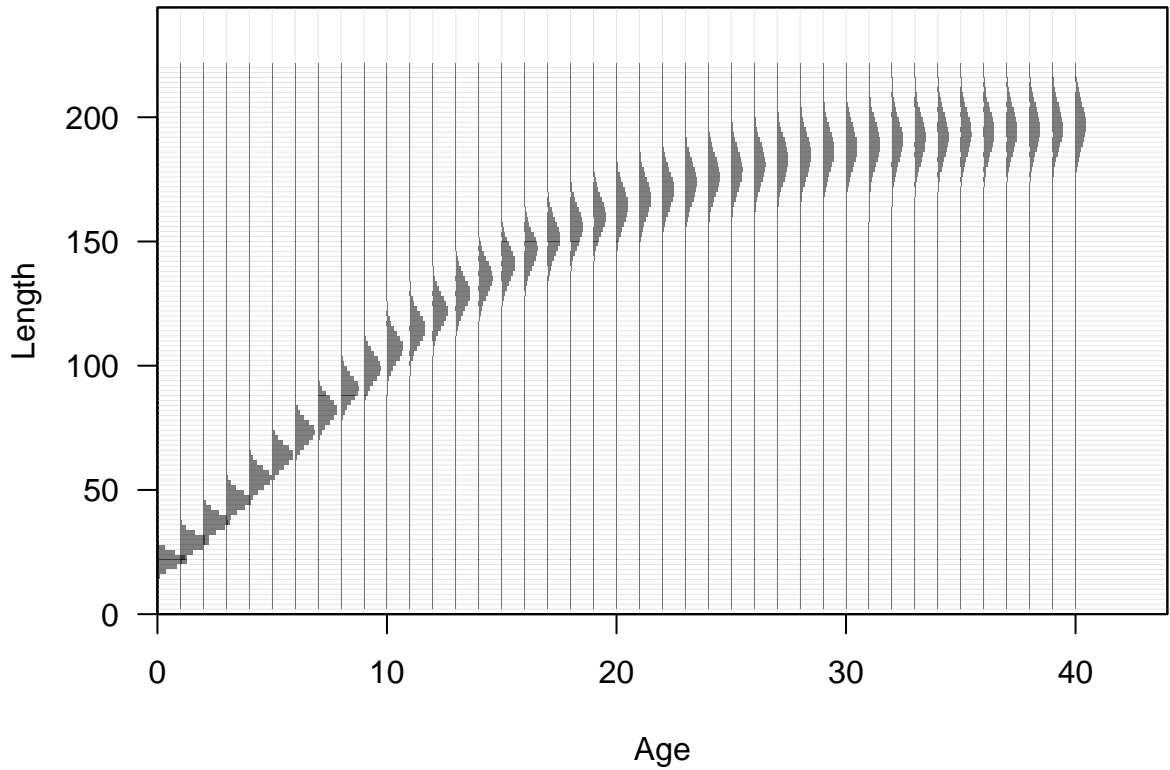


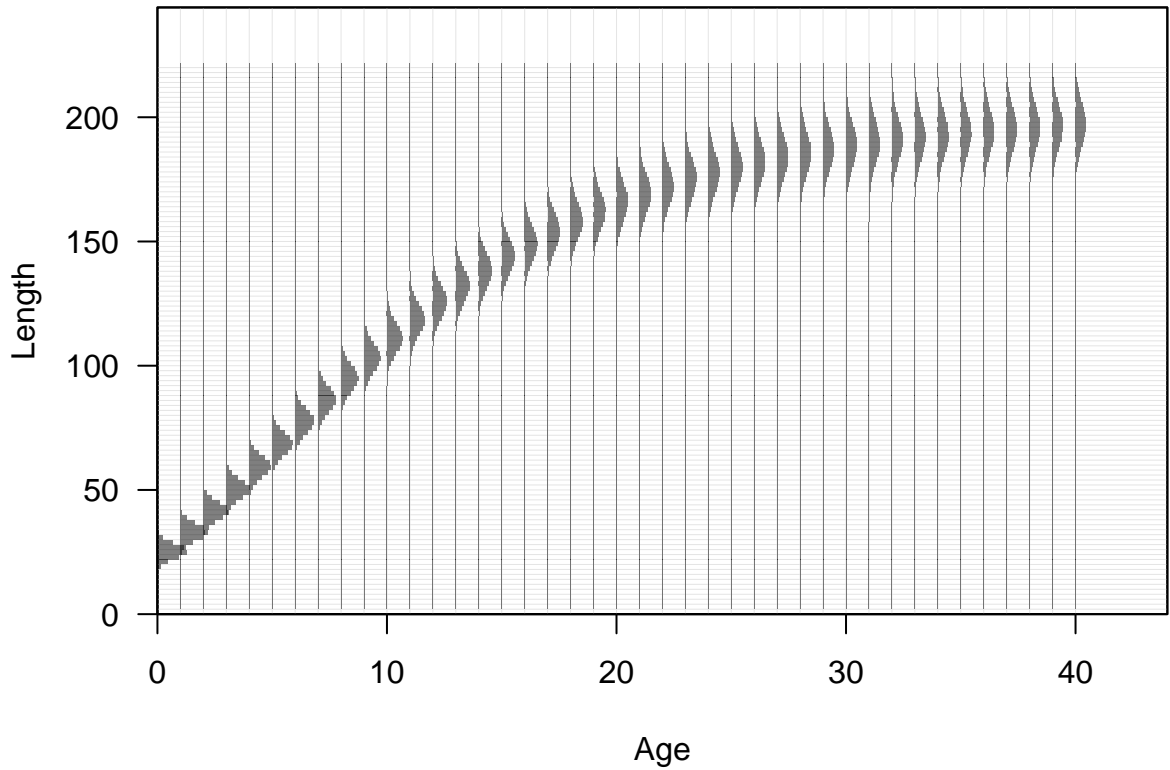


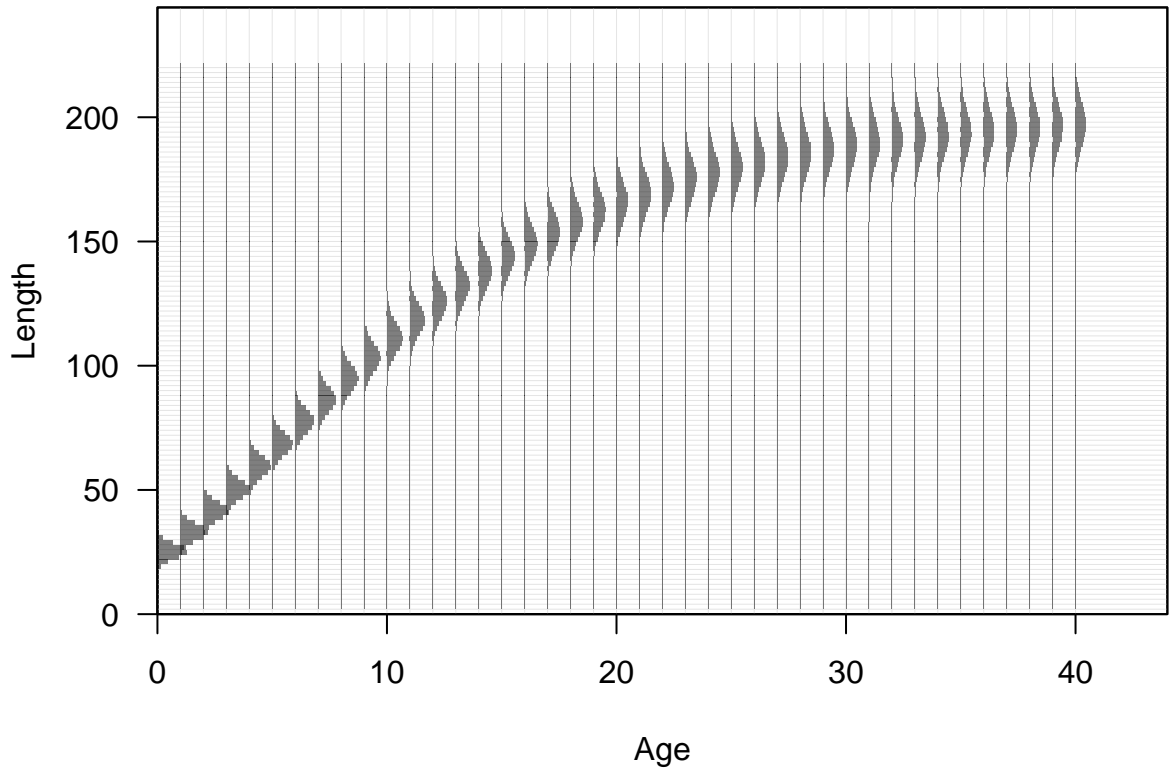


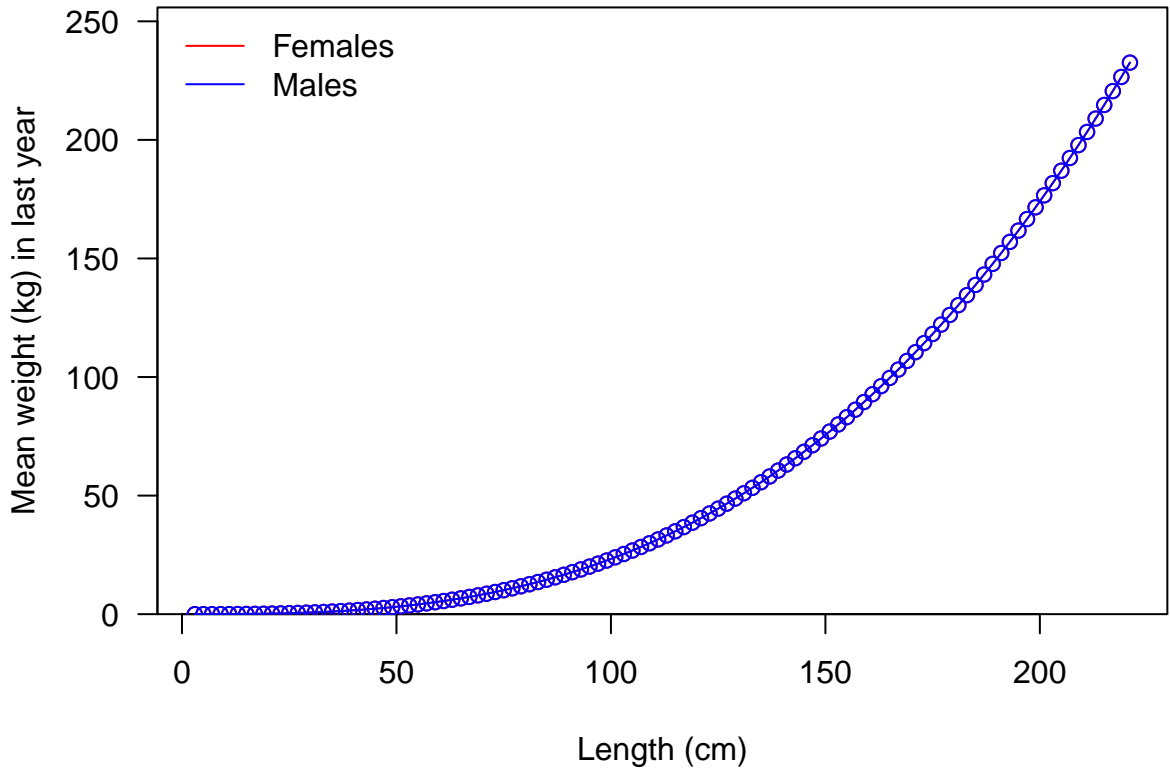


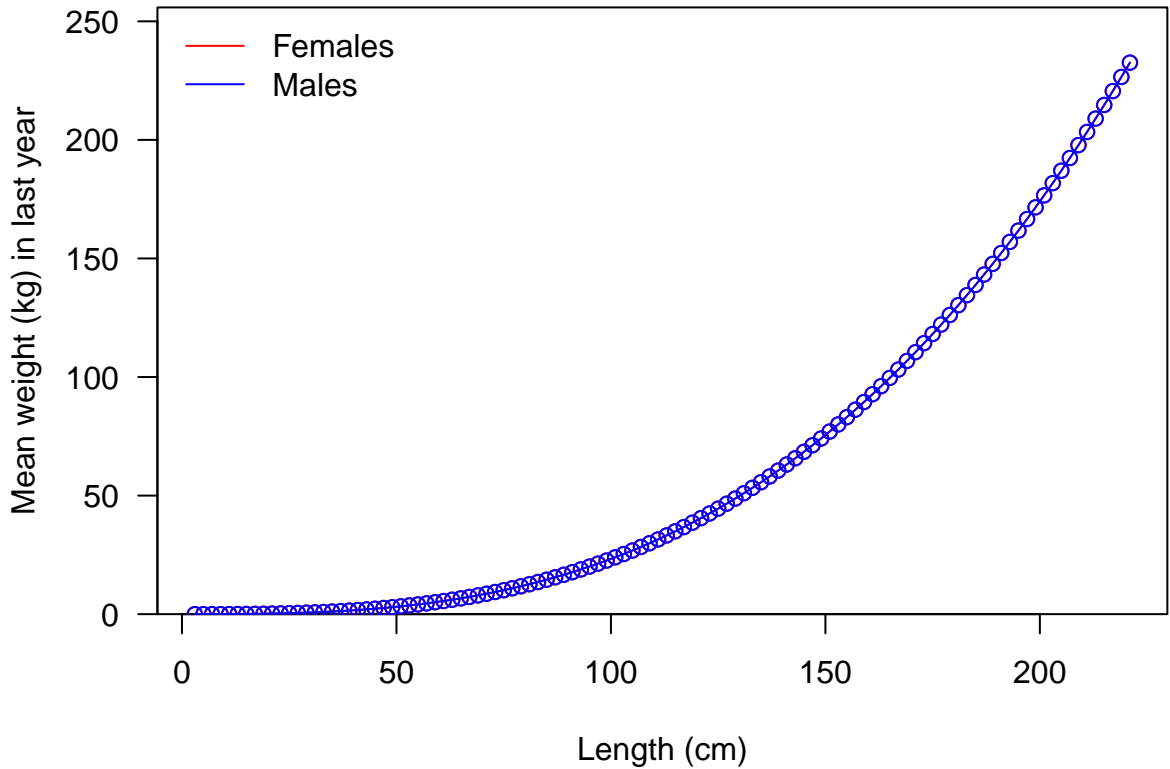


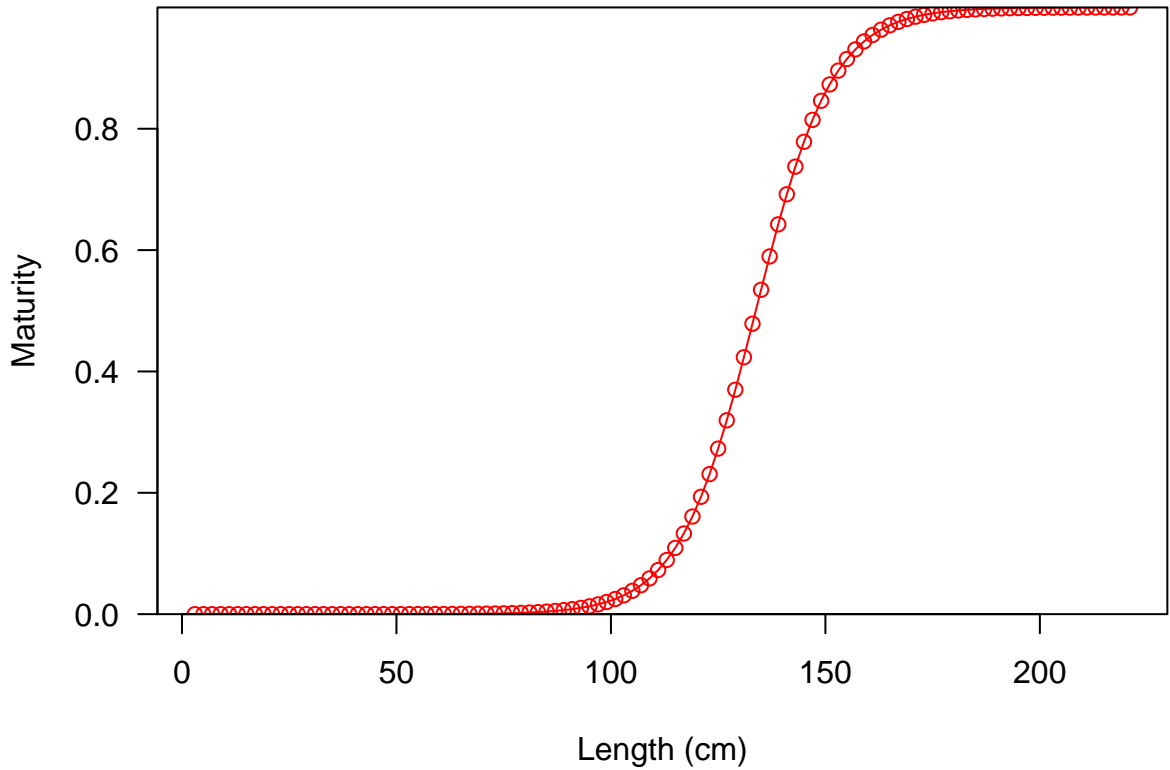


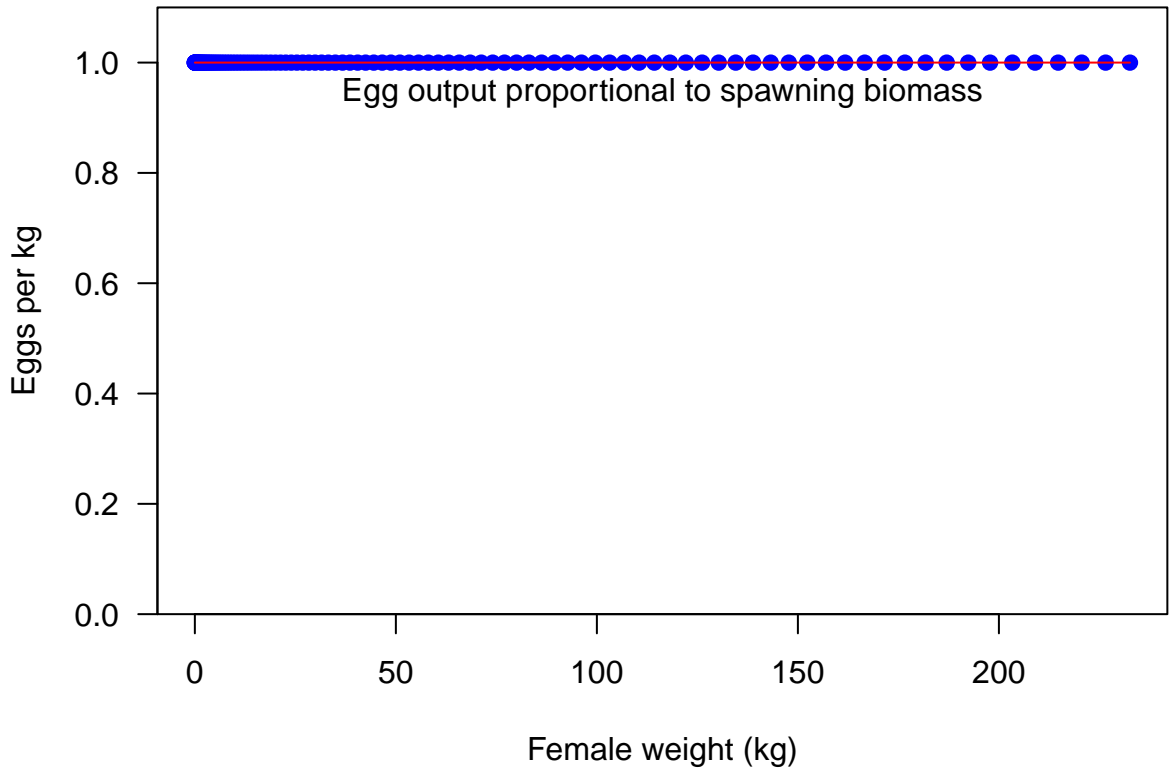




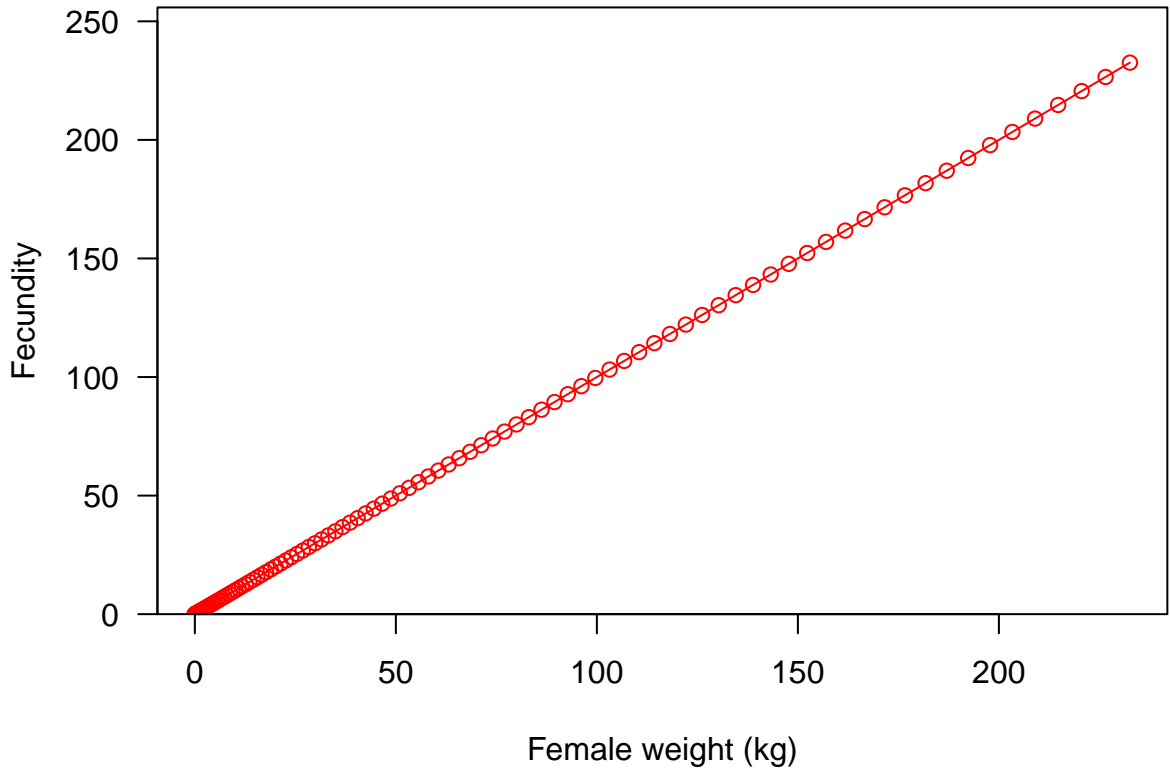


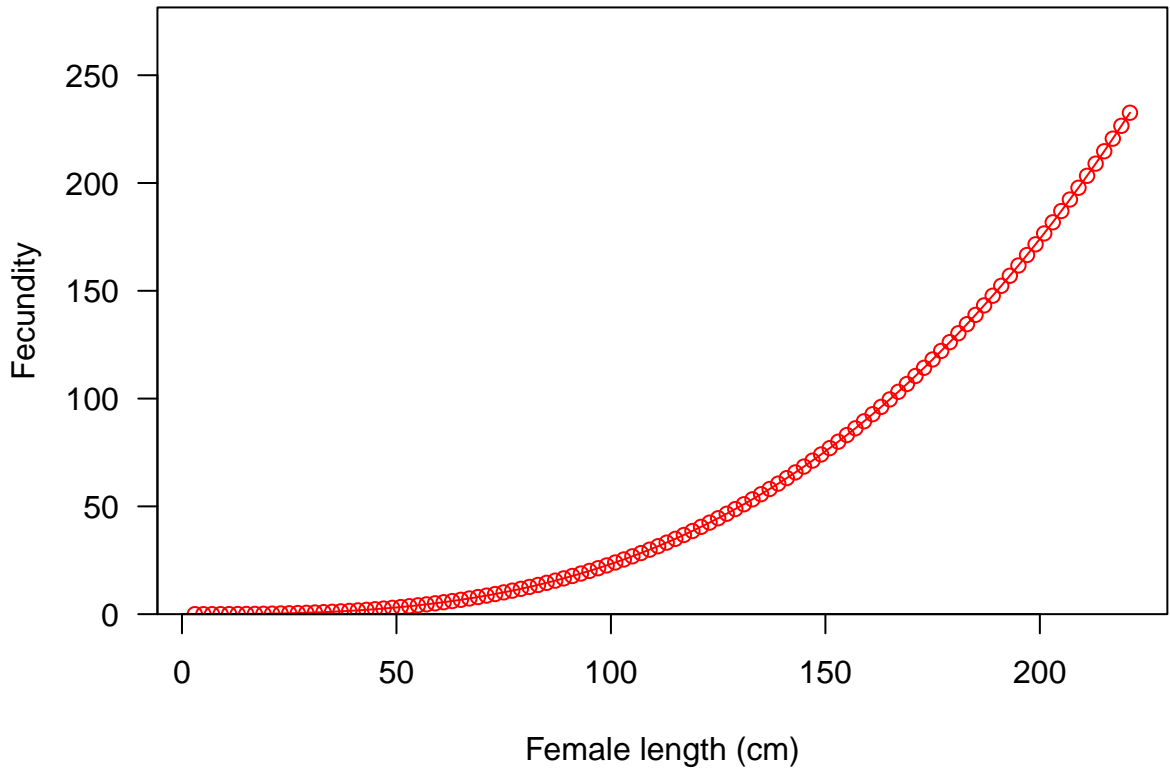


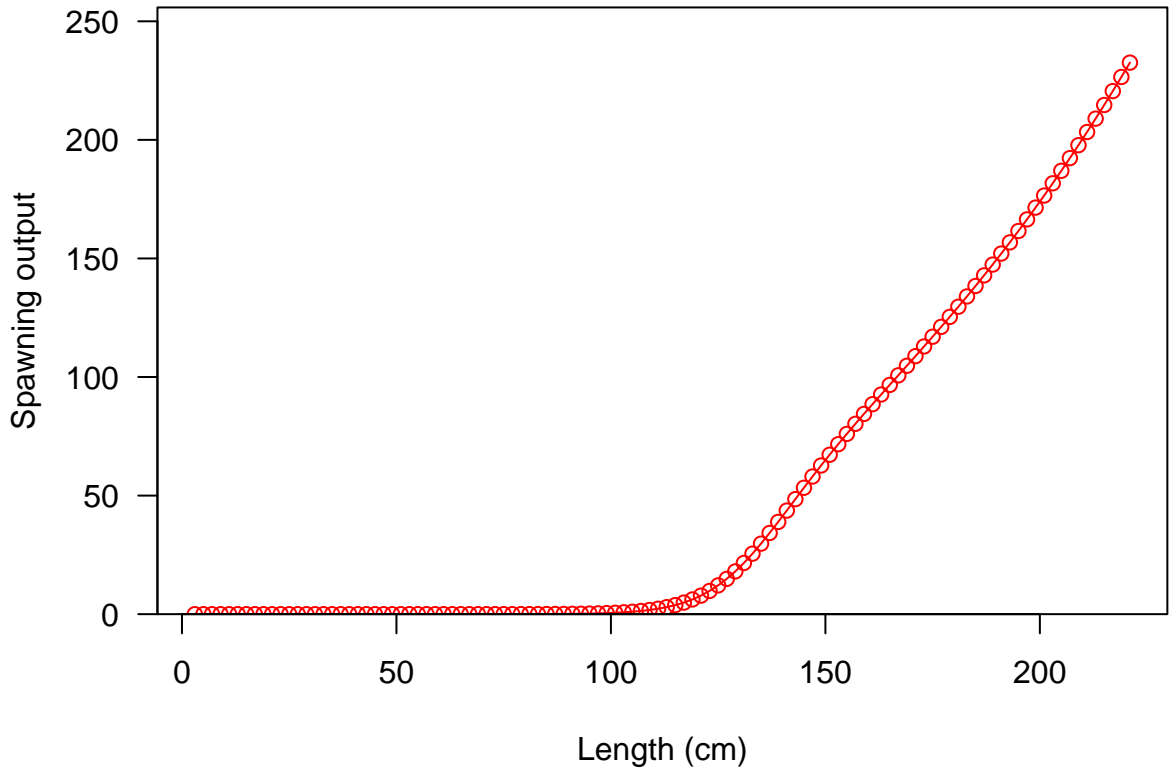


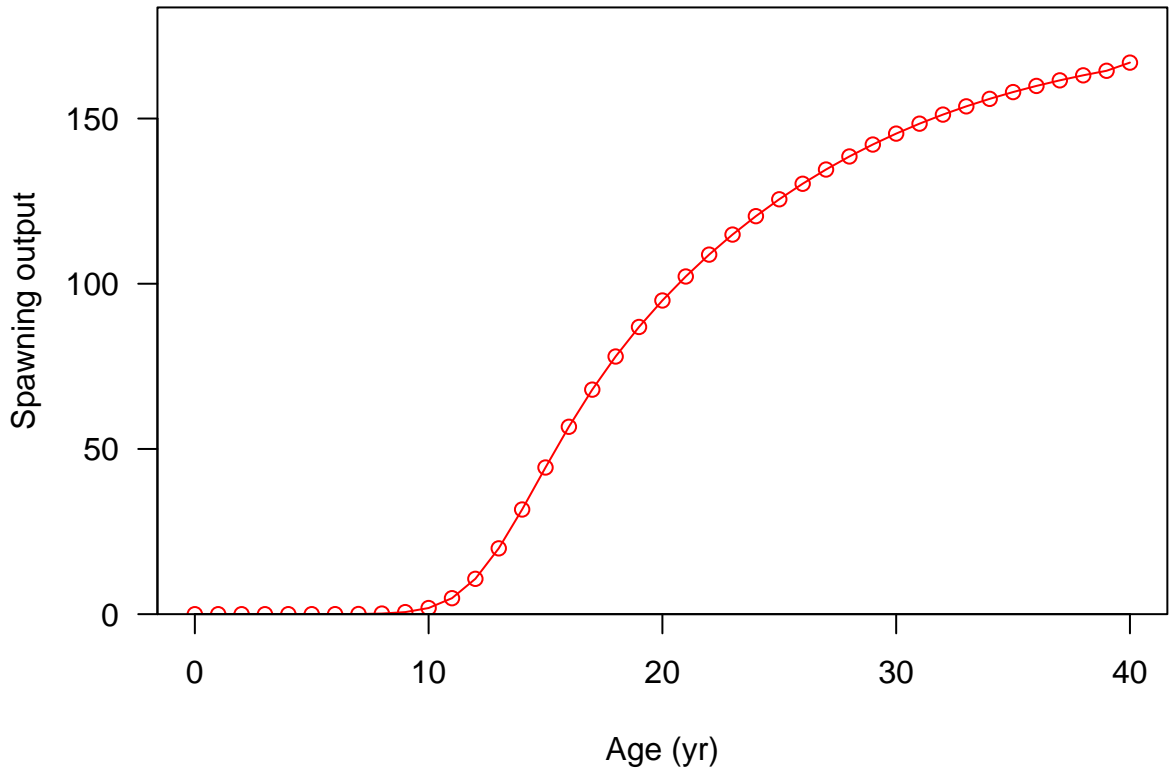


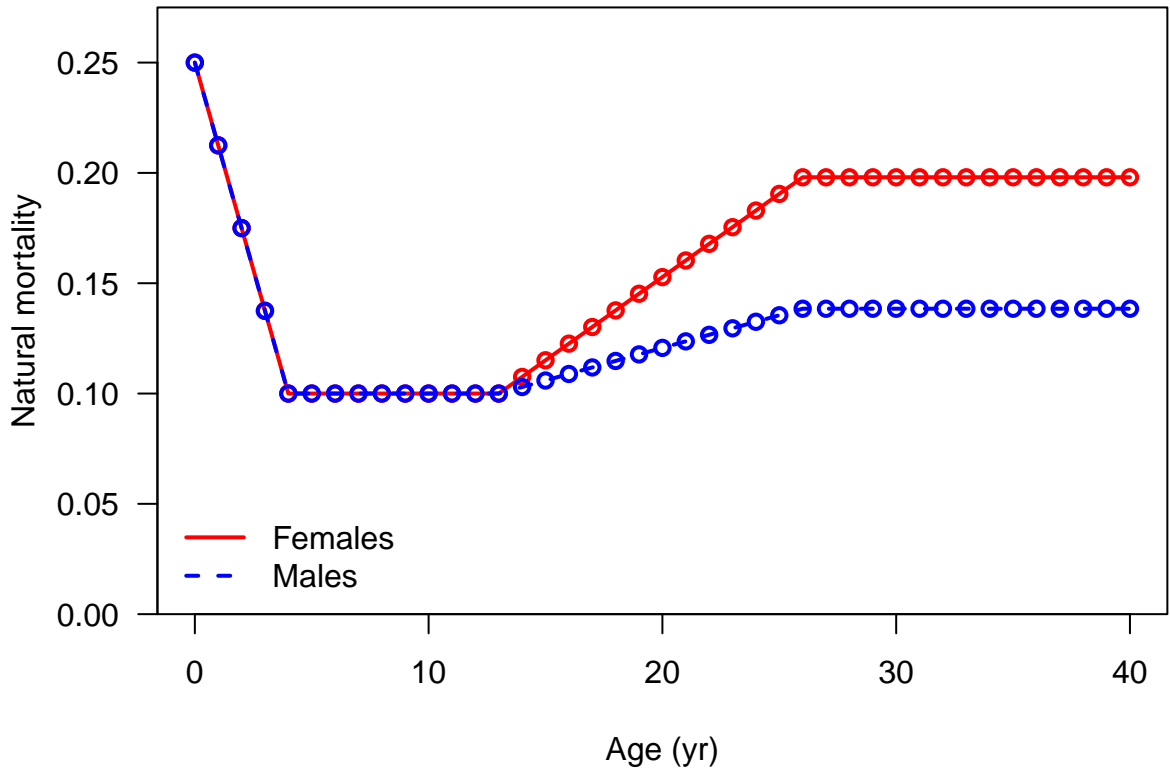




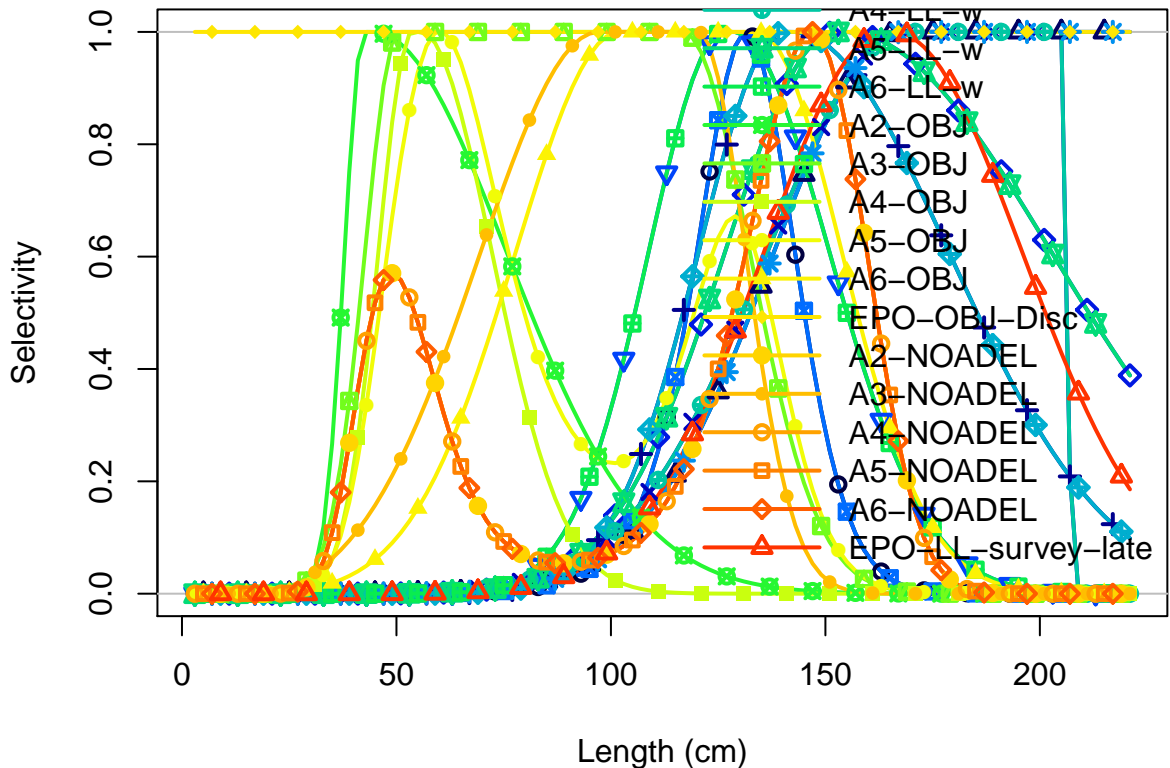






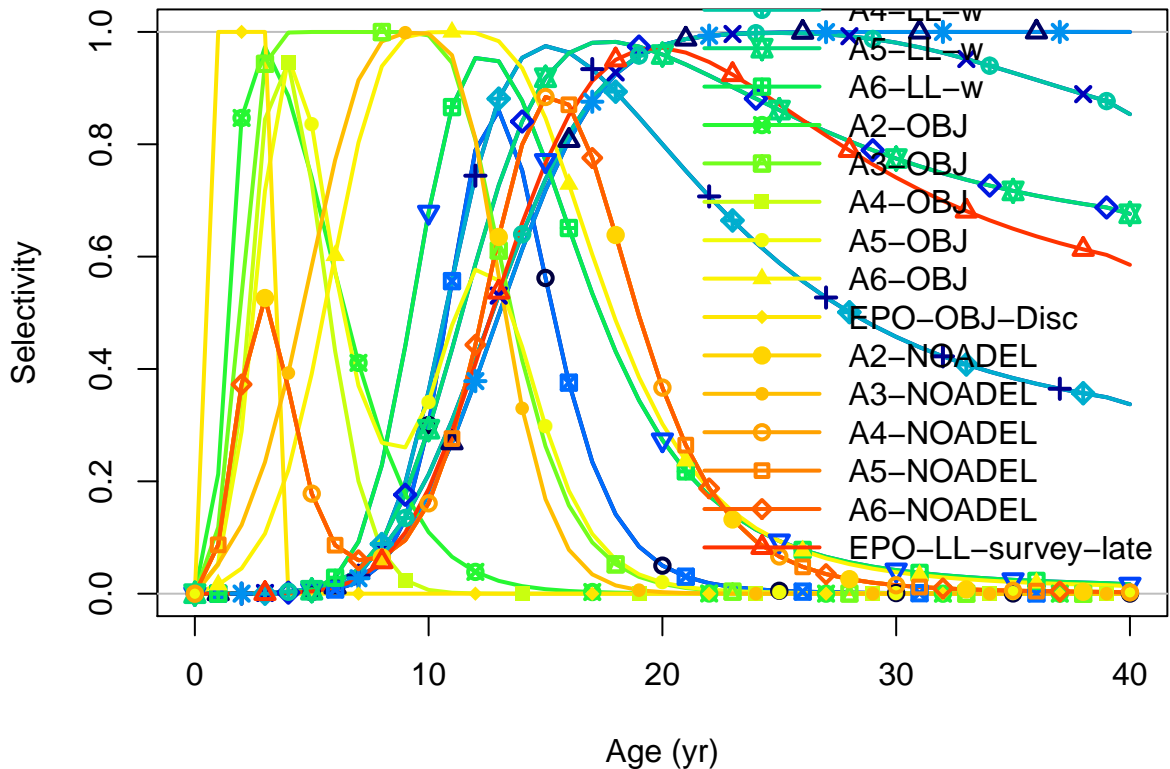


# Length-based selectivity by fleet in 180



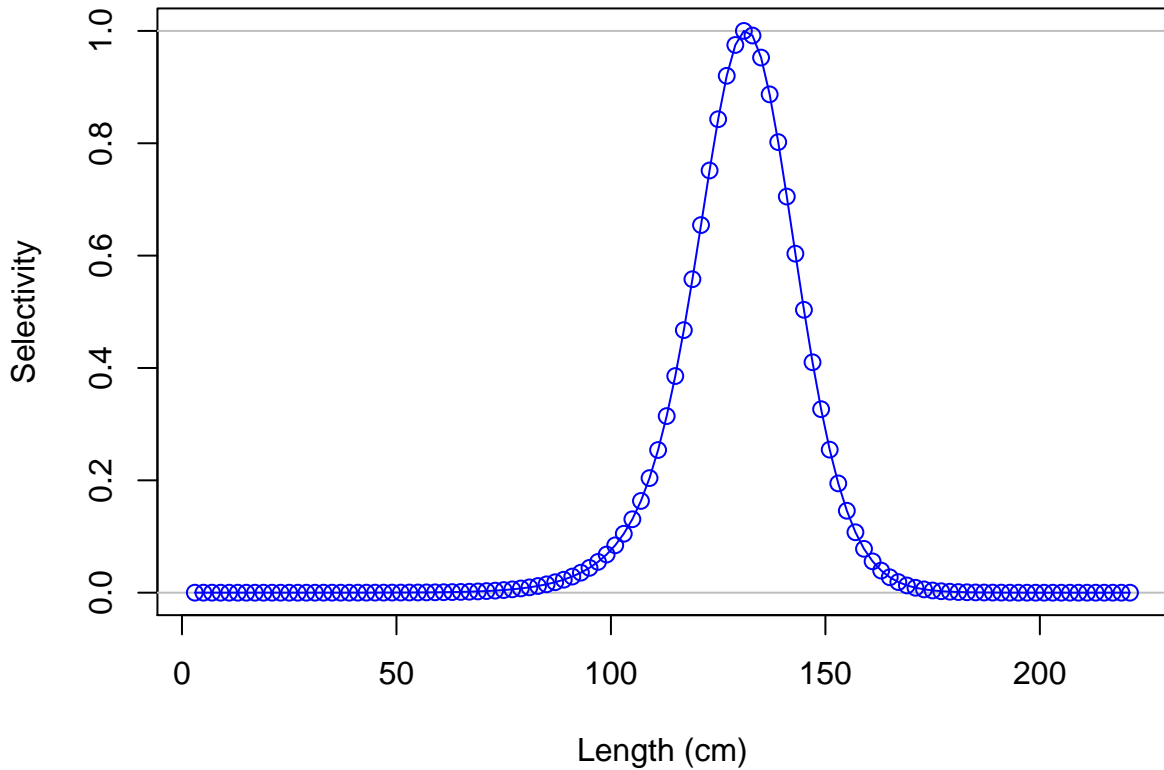


# Derived age-based from length-based selectivity by fleet in 180

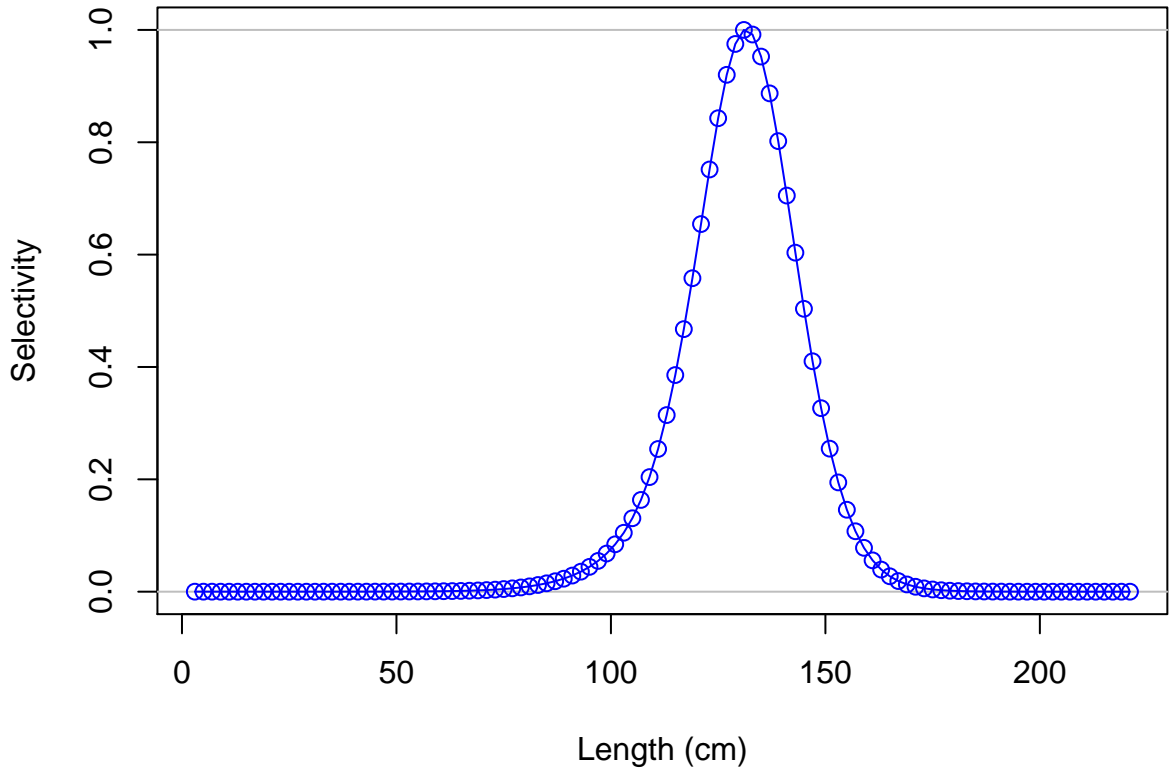




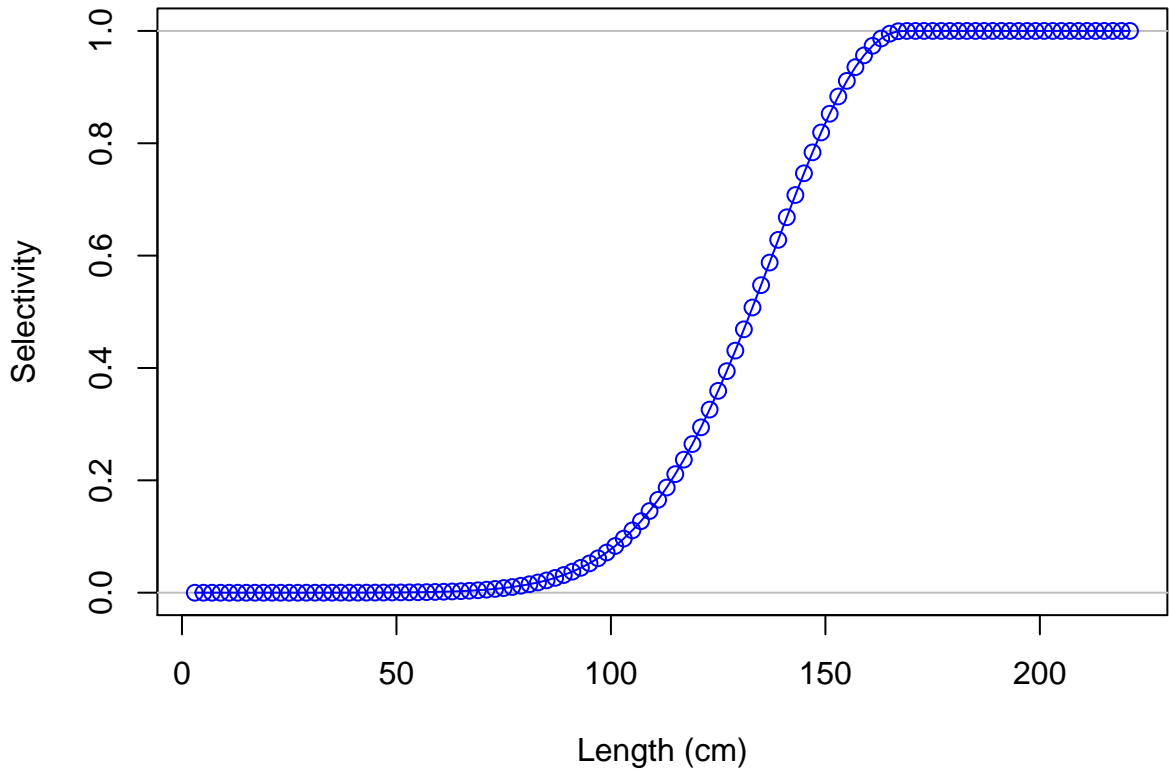
## Female ending year selectivity for A1-LL-n



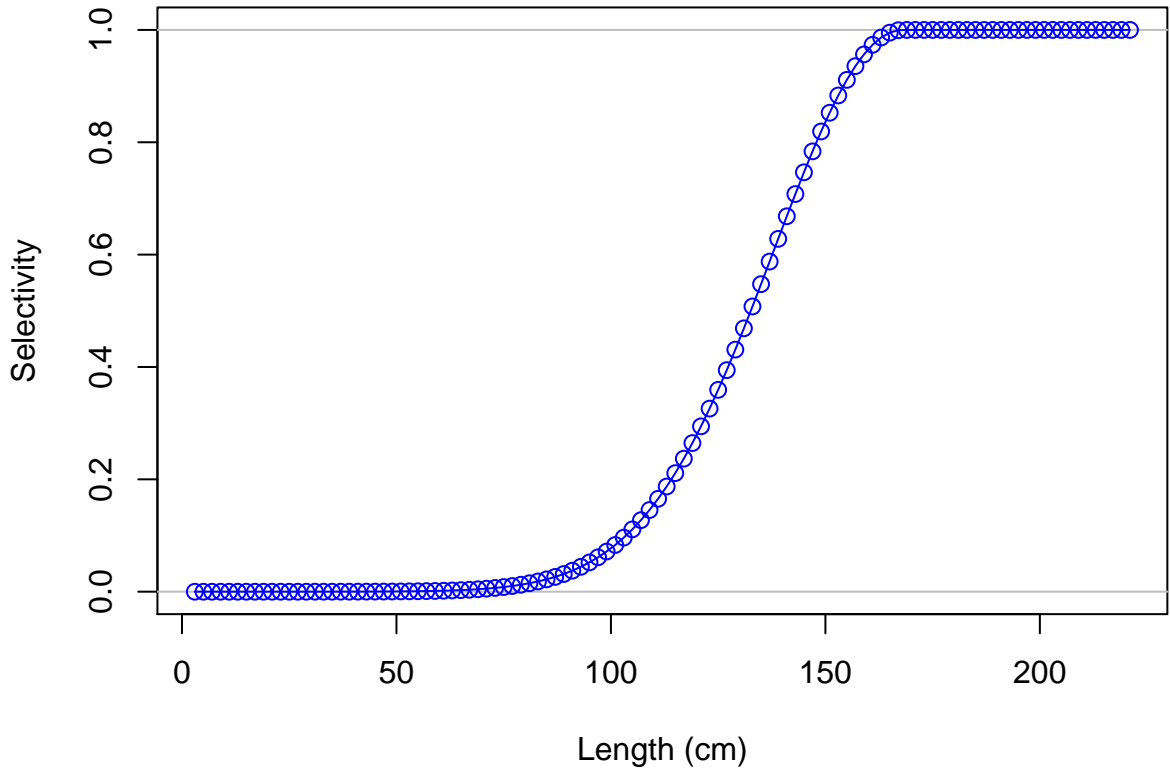
## Male ending year selectivity for A1-LL-n



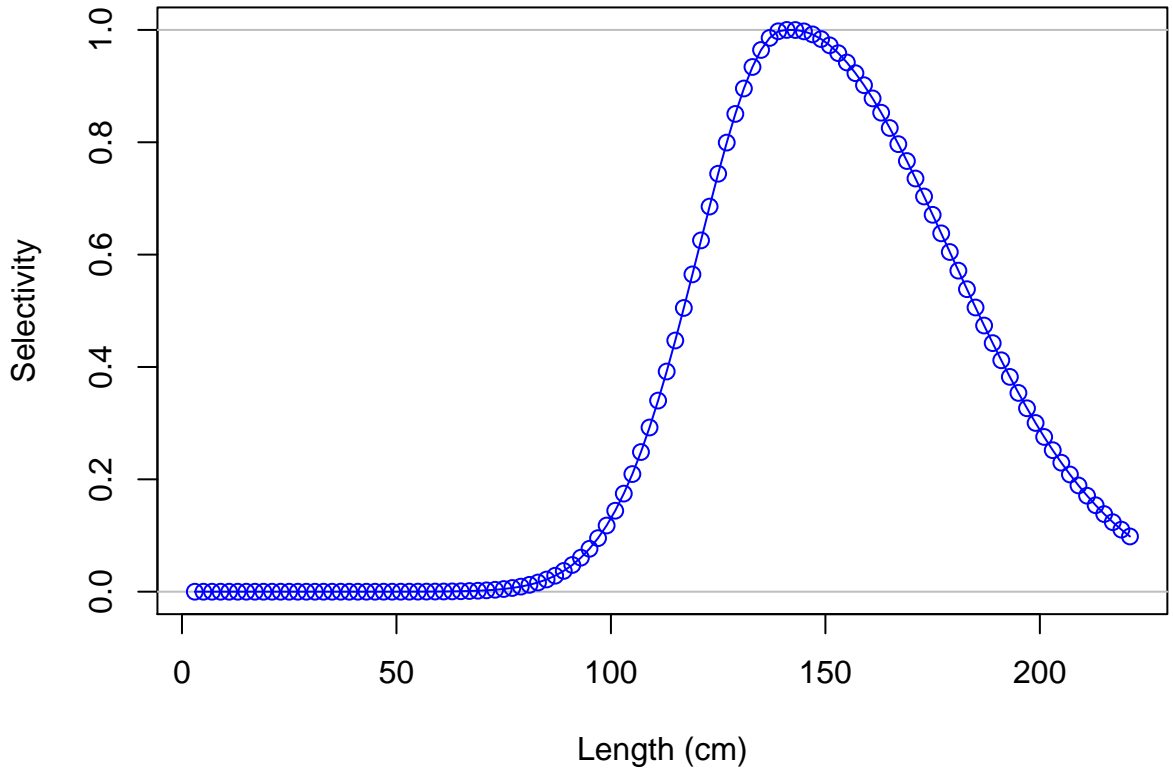
## Female ending year selectivity for A2-LL-n



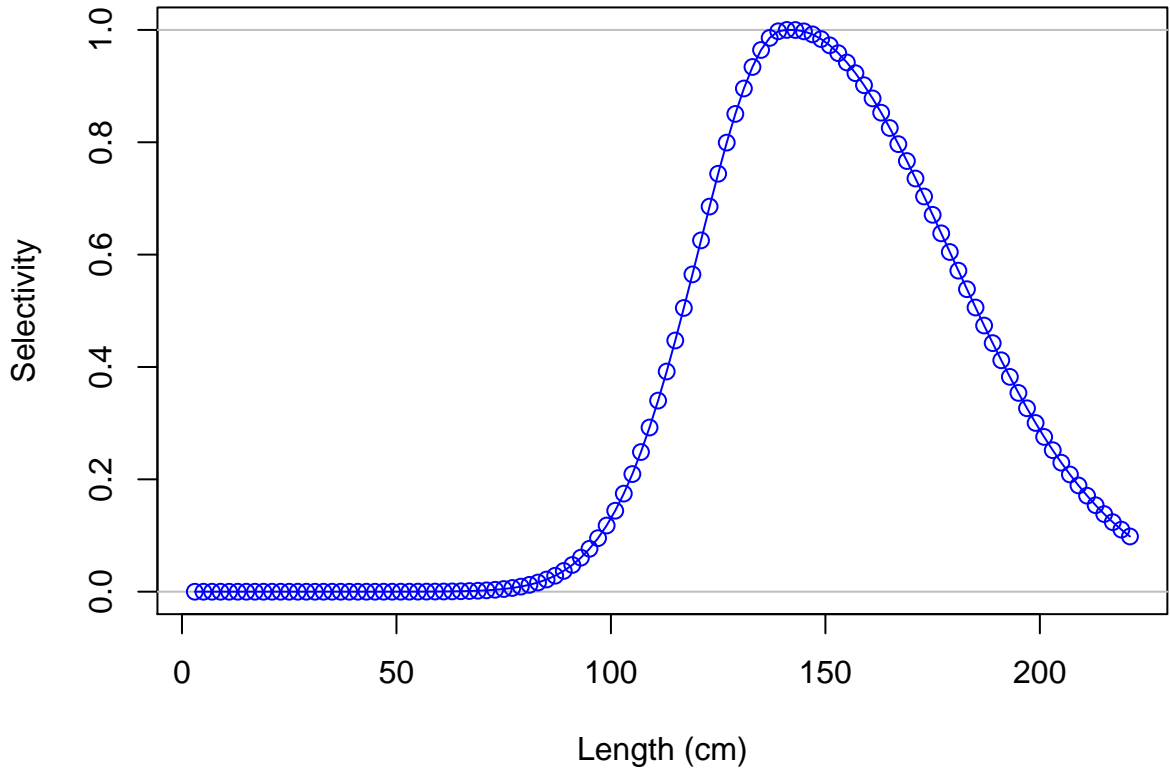
## Male ending year selectivity for A2-LL-n



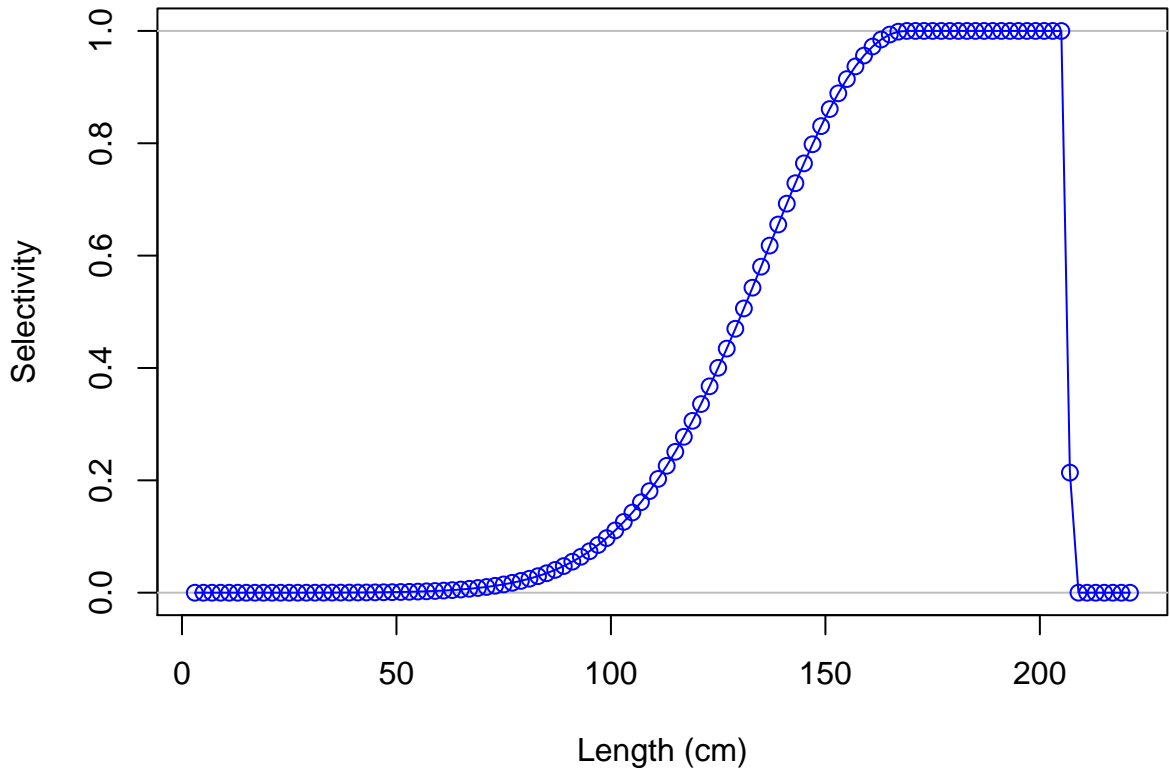
## Female ending year selectivity for A3-LL-n



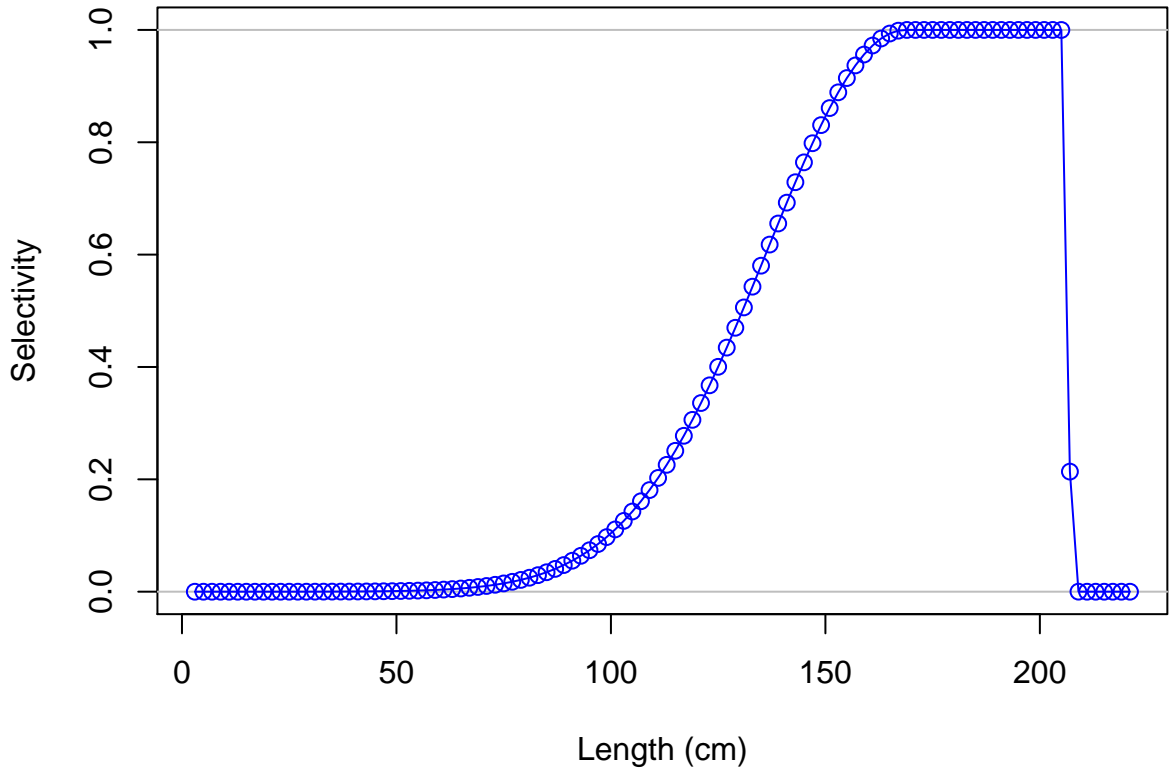
## Male ending year selectivity for A3-LL-n



# Female ending year selectivity for A4-LL-n

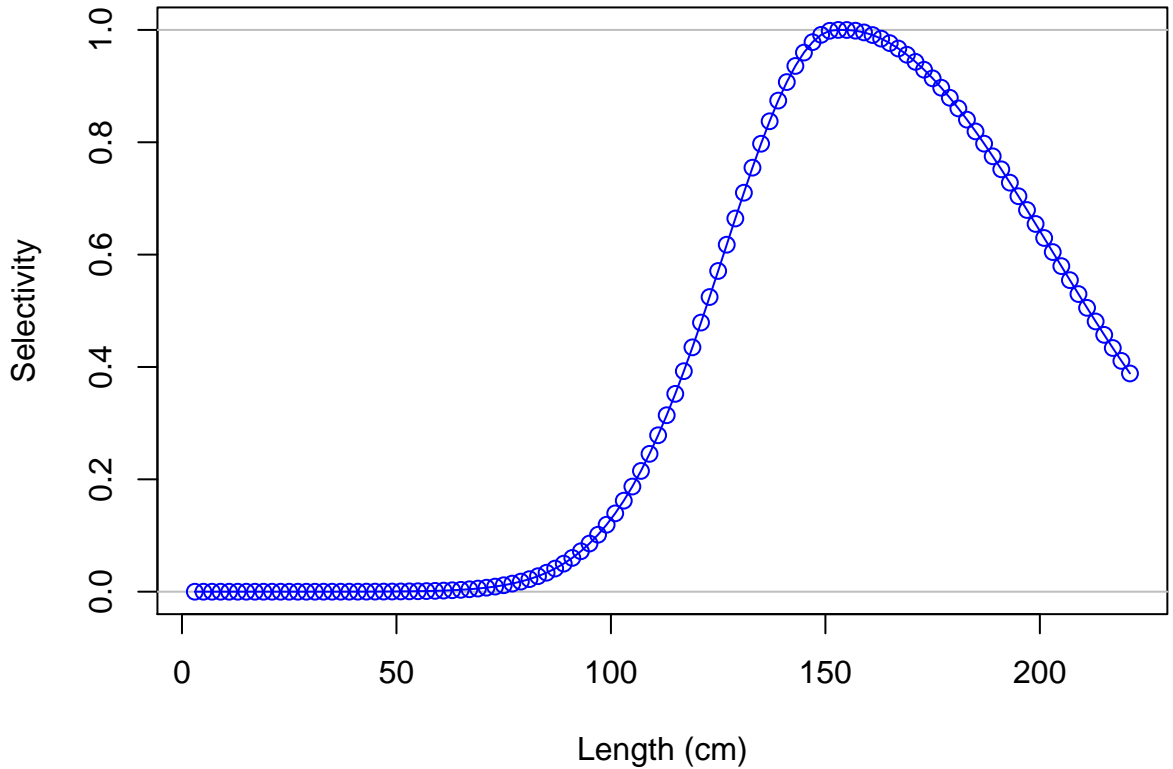


### Male ending year selectivity for A4-LL-n

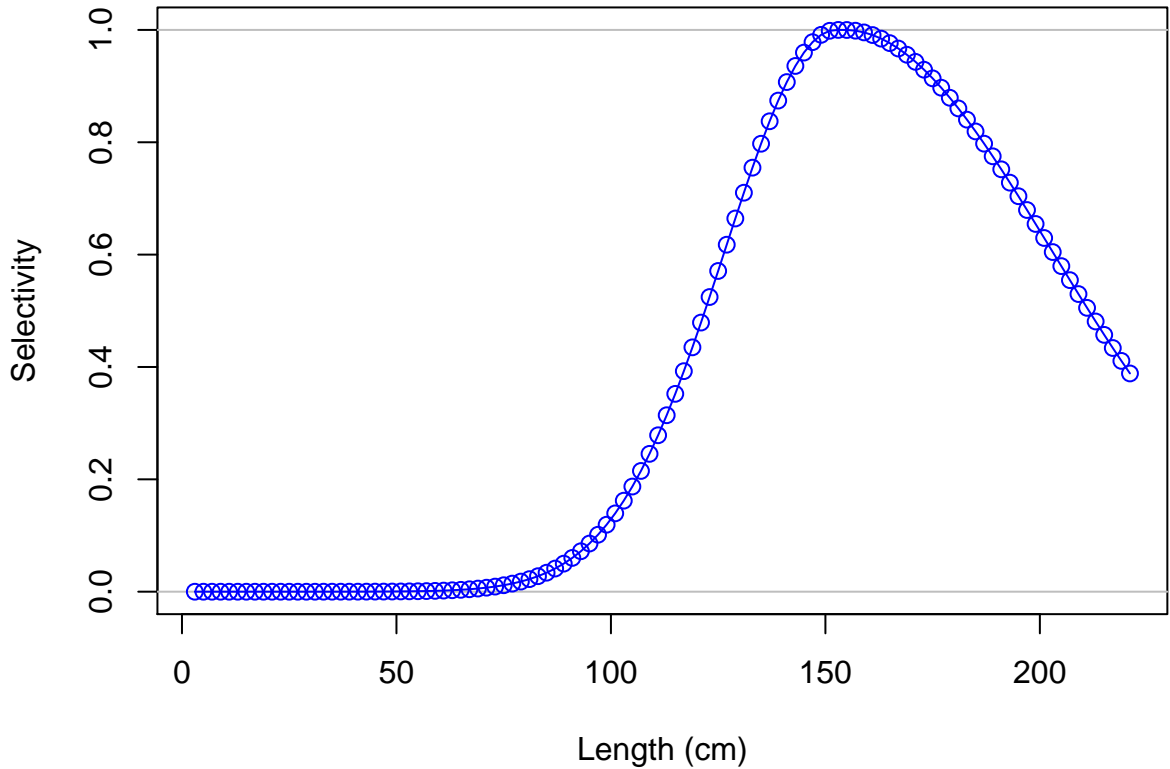




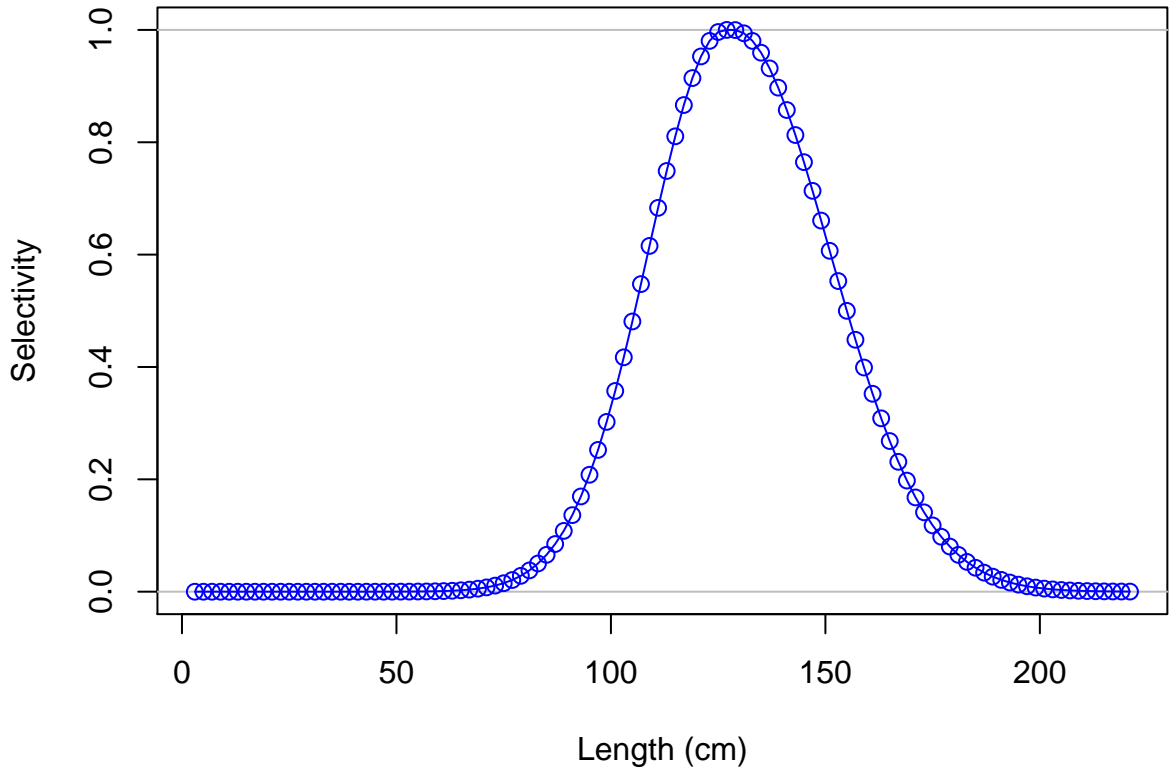
## Female ending year selectivity for A5-LL-n



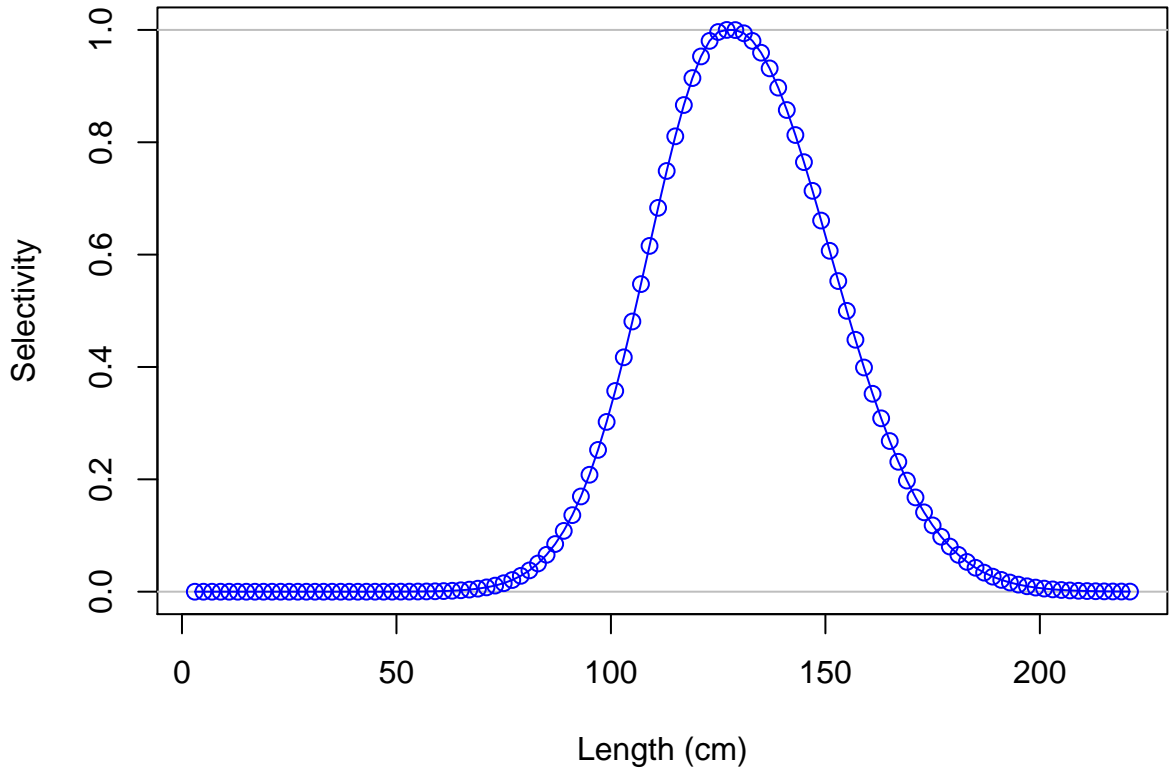
## Male ending year selectivity for A5-LL-n



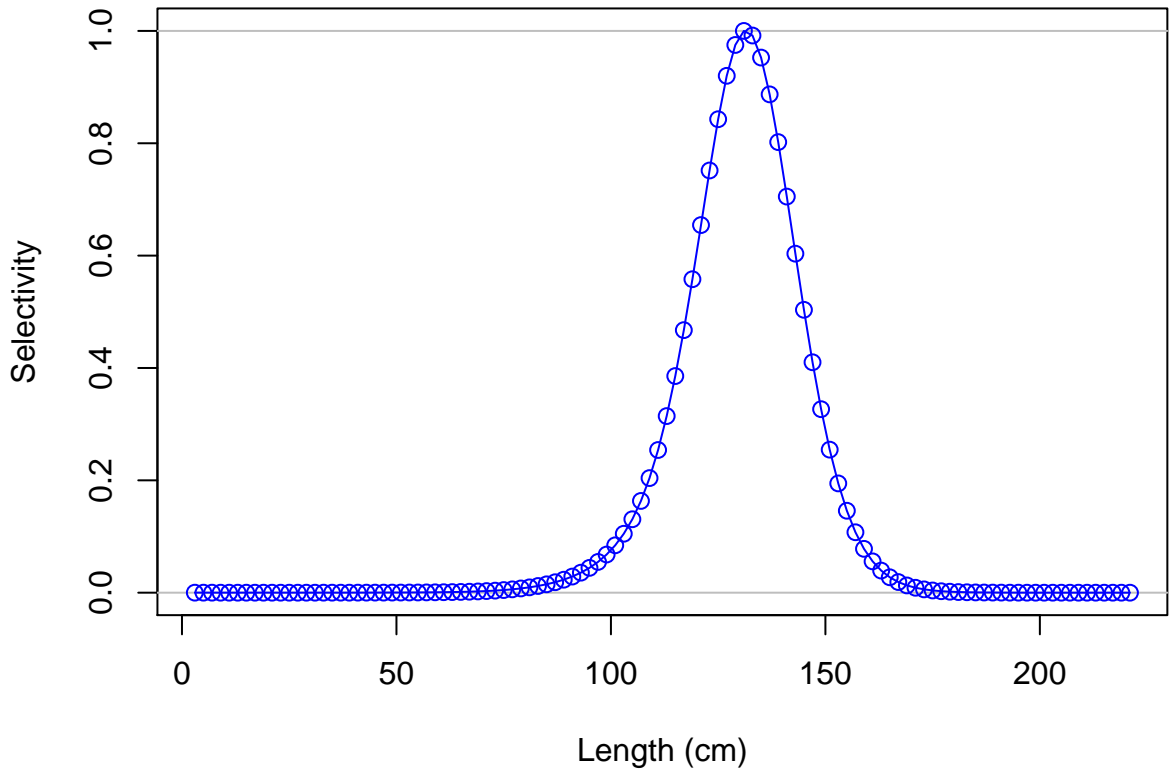
## Female ending year selectivity for A6-LL-n



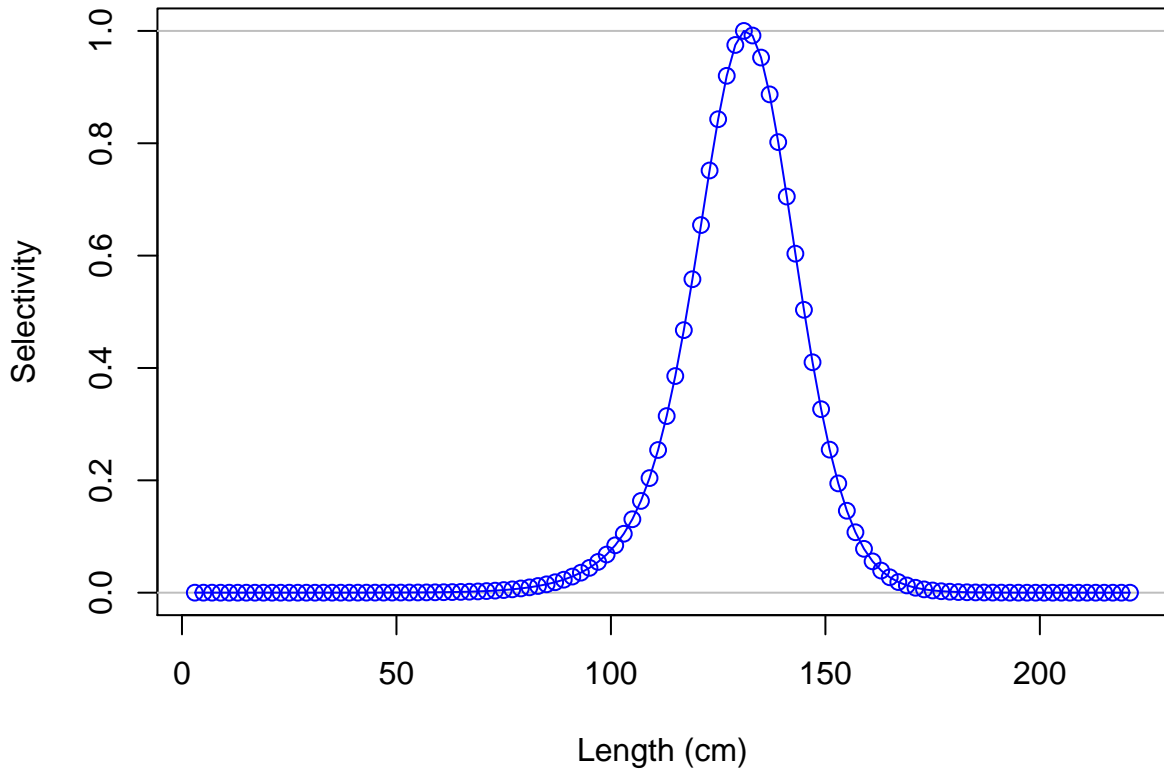
## Male ending year selectivity for A6-LL-n



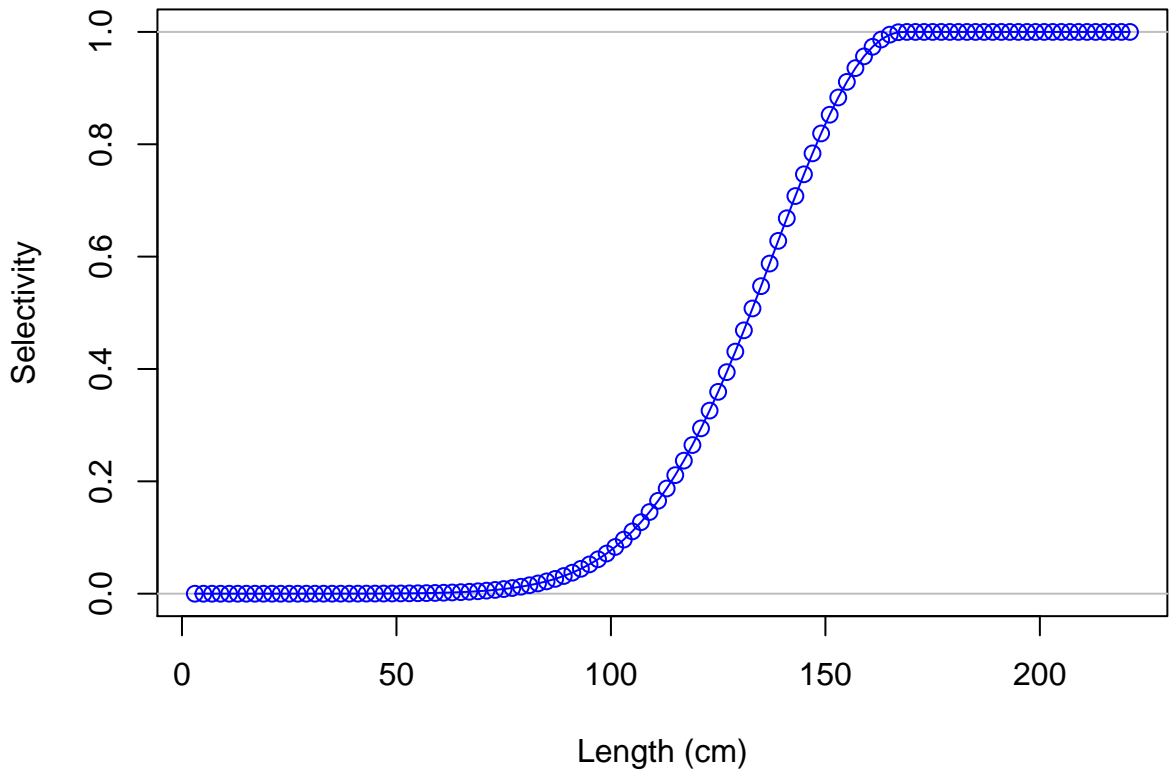
## Female ending year selectivity for A1-LL-w



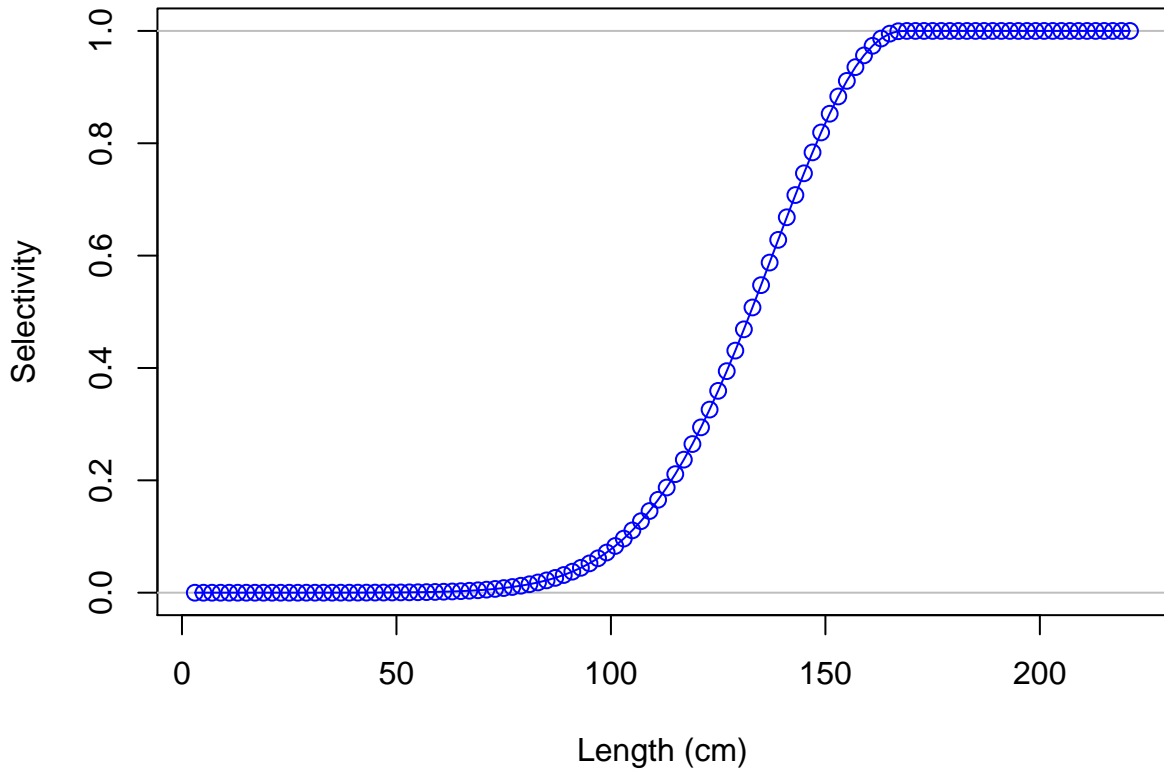
# Male ending year selectivity for A1-LL-w



## Female ending year selectivity for A2-LL-w

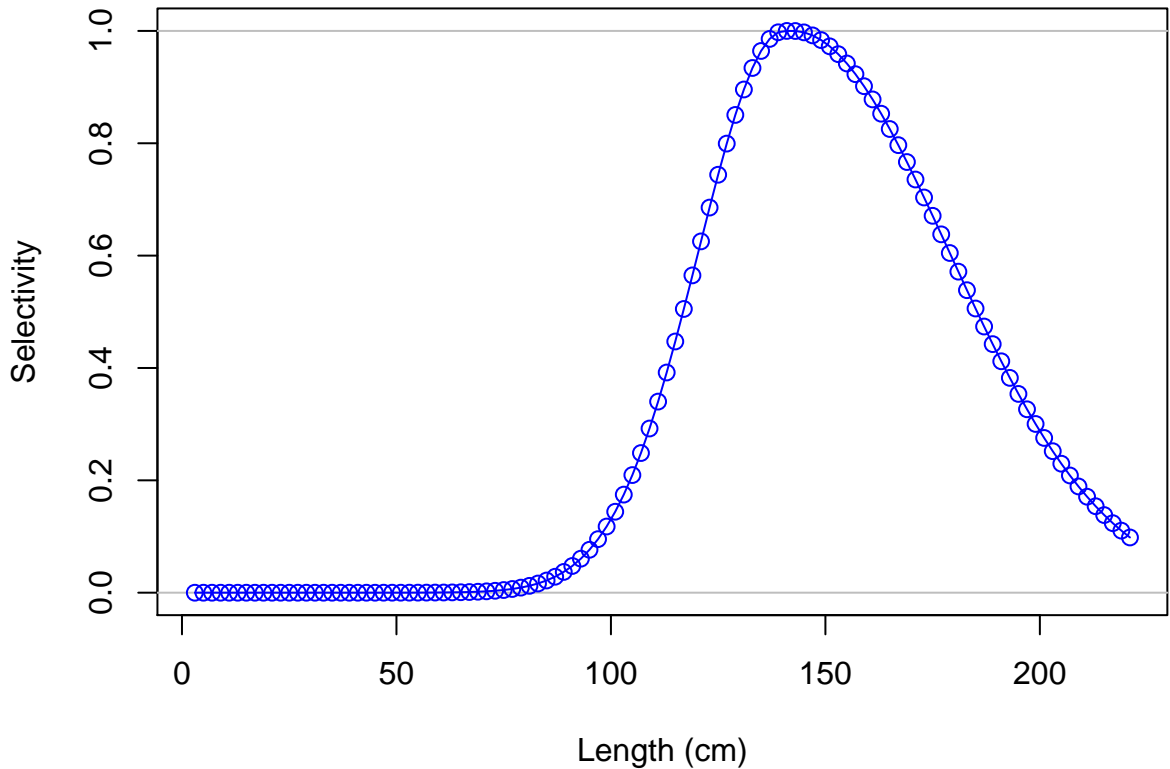


# Male ending year selectivity for A2-LL-w

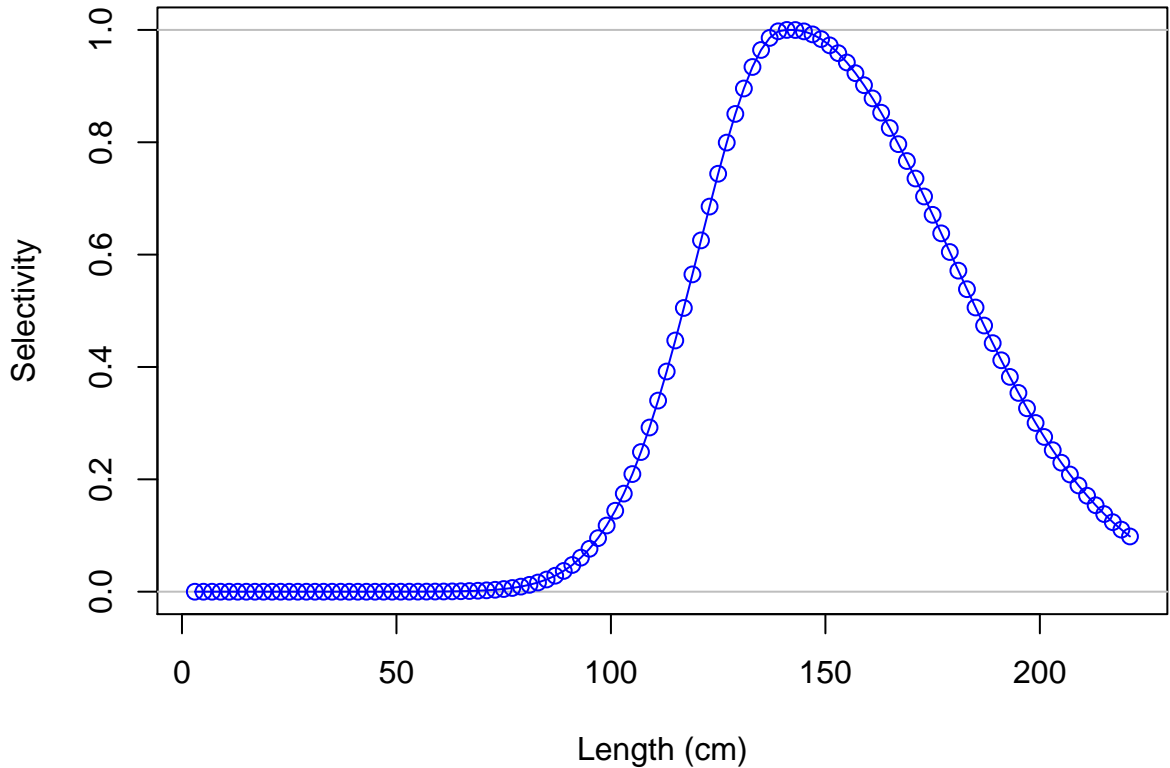




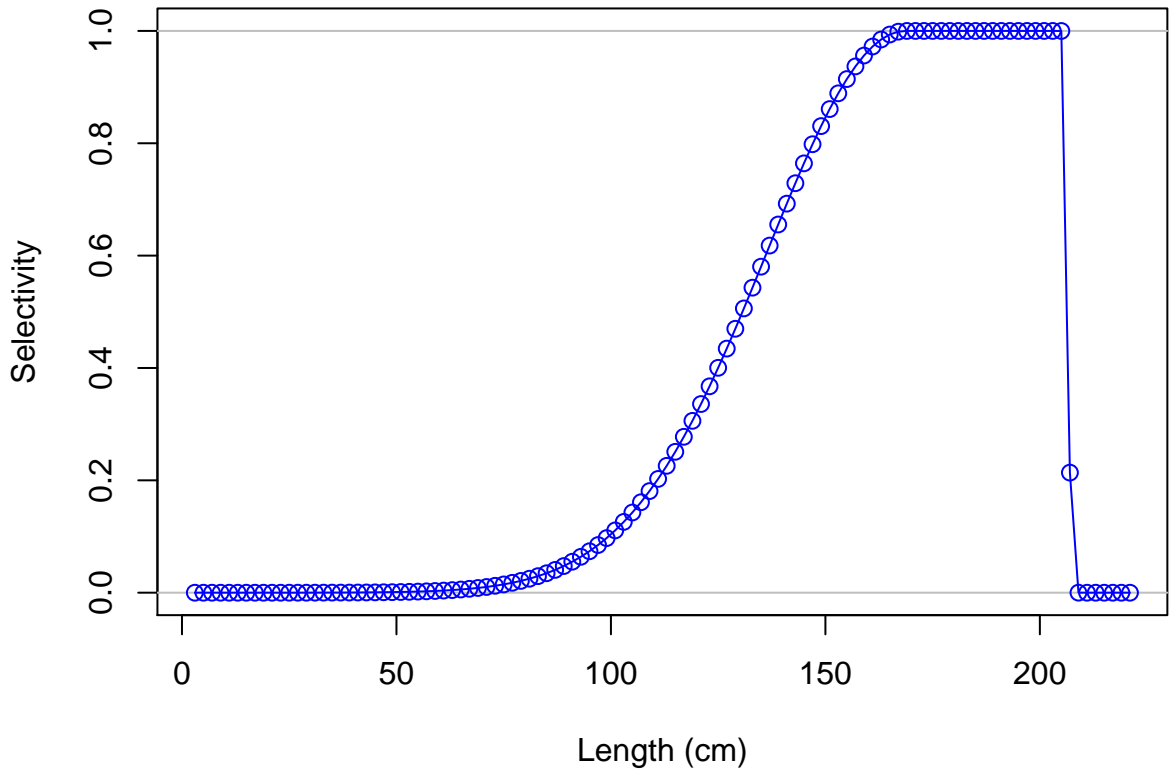
## Female ending year selectivity for A3-LL-w



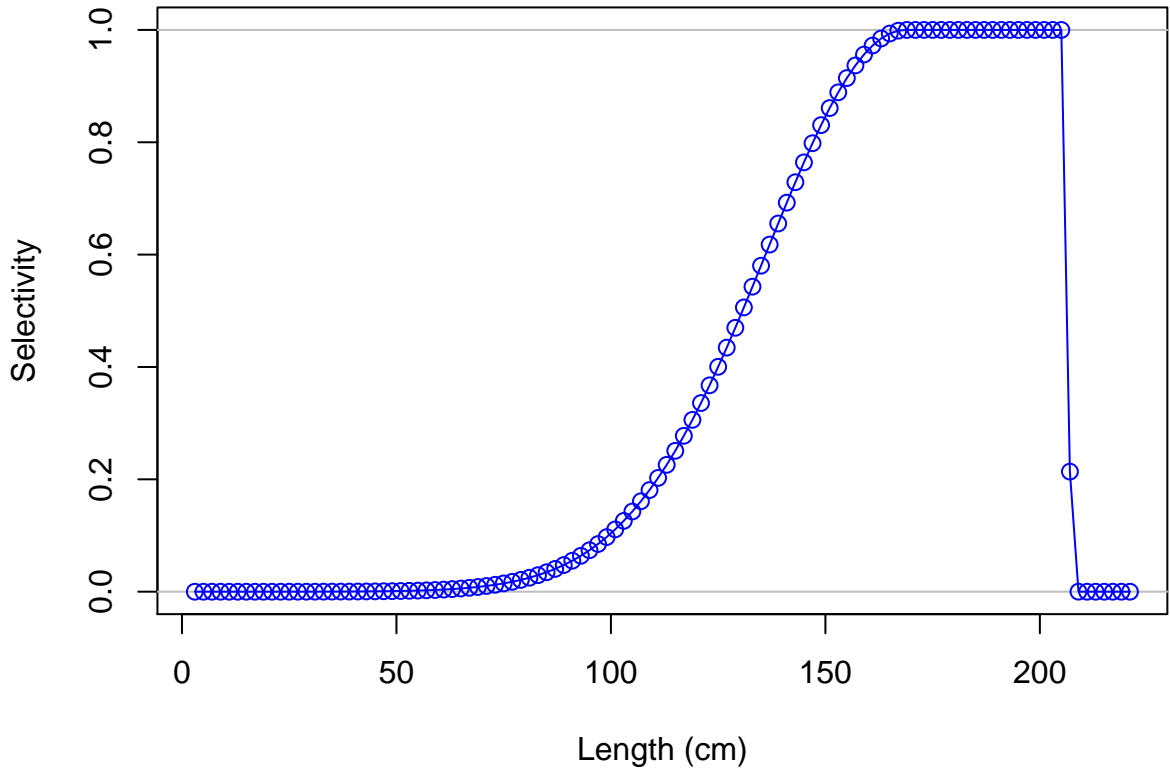
## Male ending year selectivity for A3-LL-w



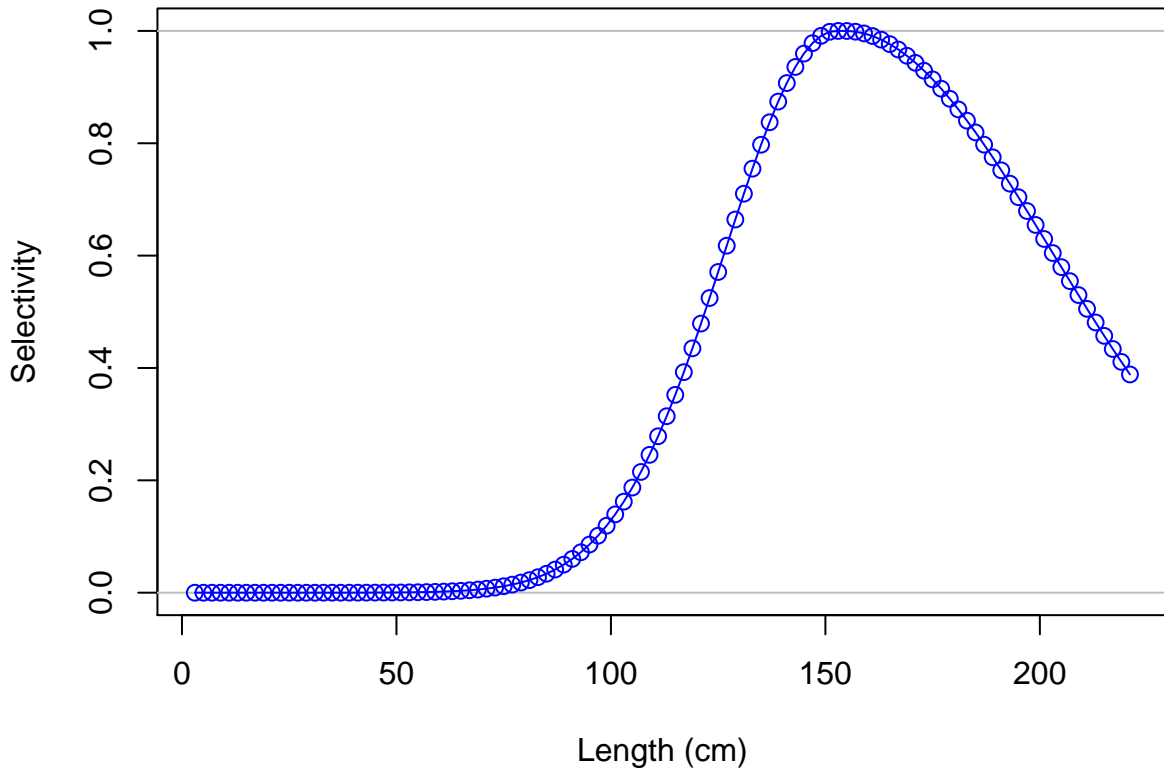
# Female ending year selectivity for A4-LL-w



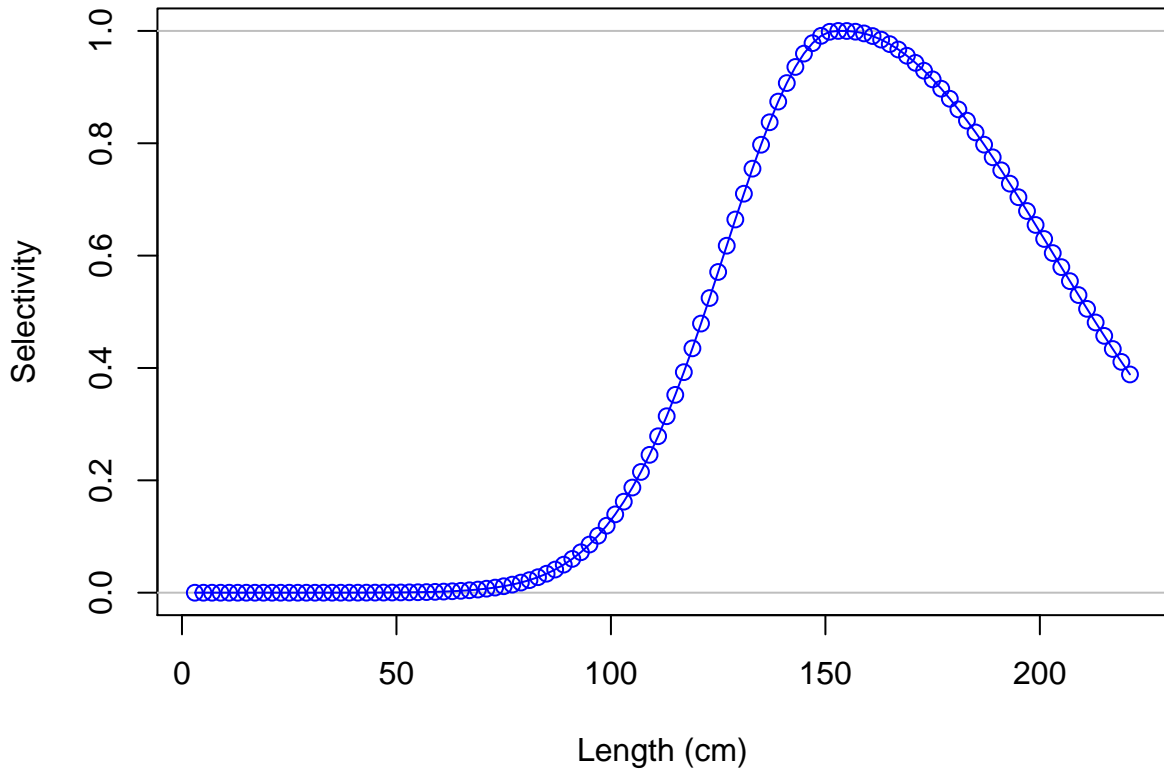
# Male ending year selectivity for A4-LL-w



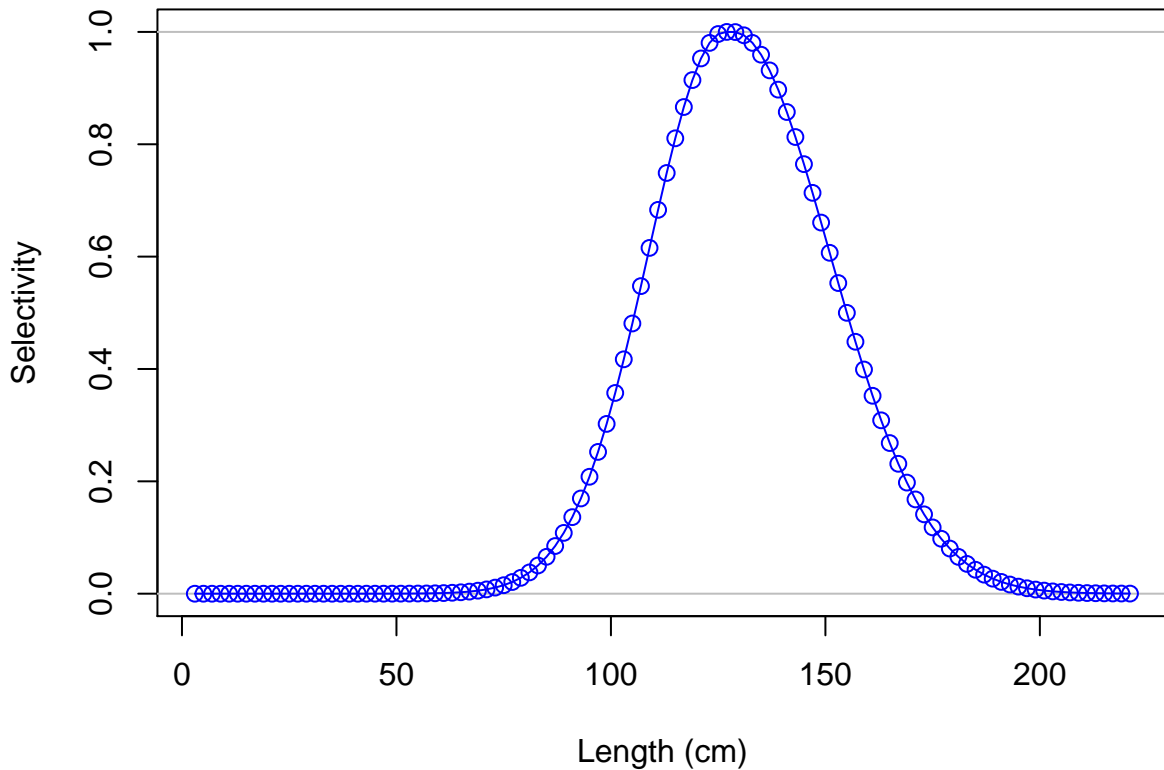
## Female ending year selectivity for A5-LL-w



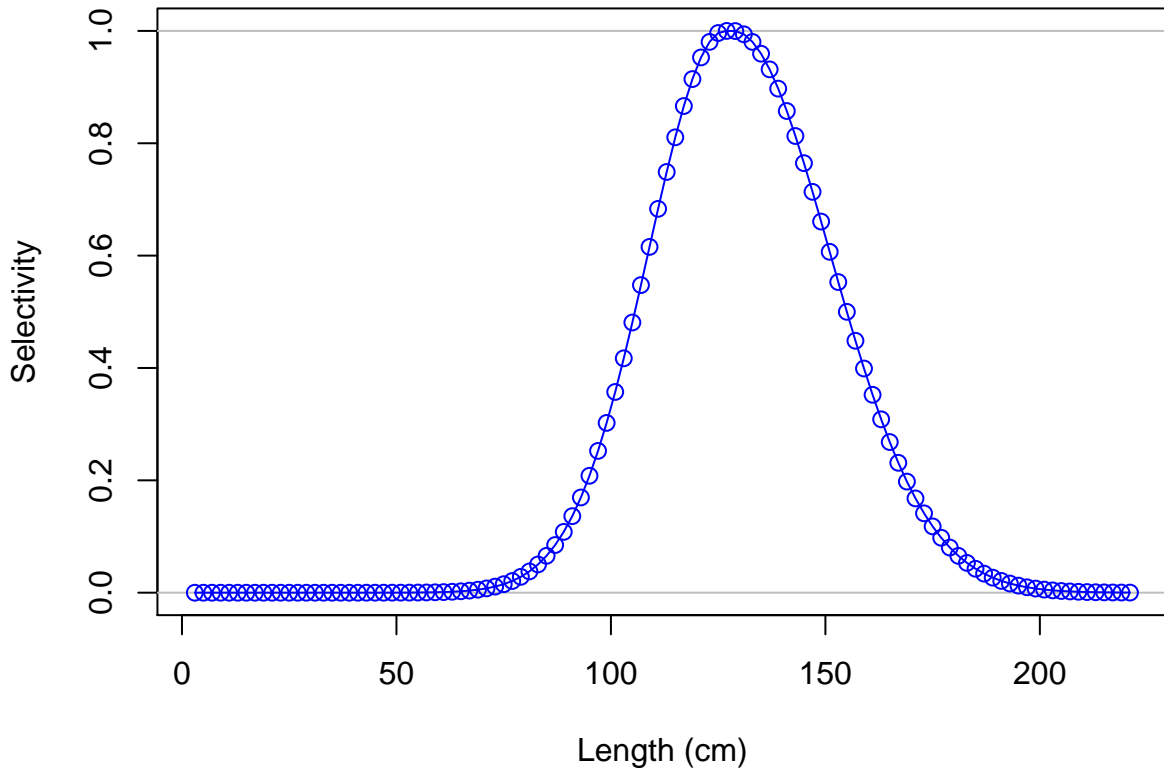
### Male ending year selectivity for A5-LL-w



## Female ending year selectivity for A6-LL-w

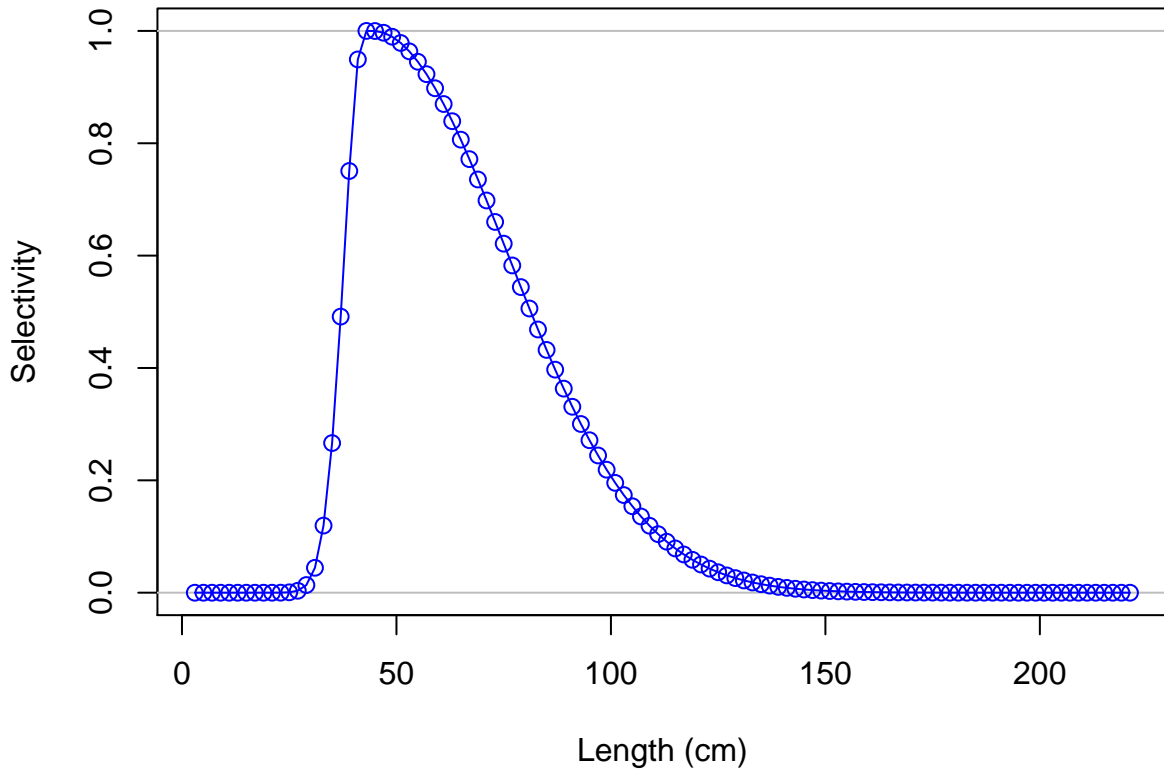


## Male ending year selectivity for A6-LL-w

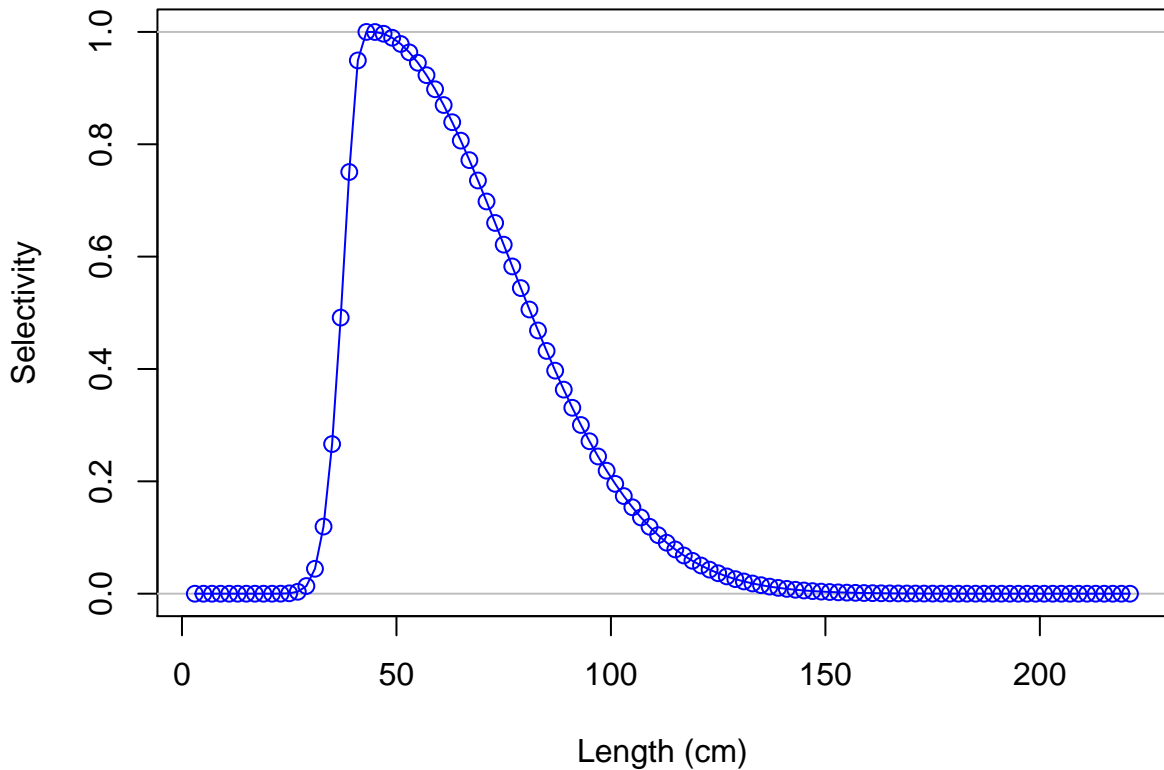




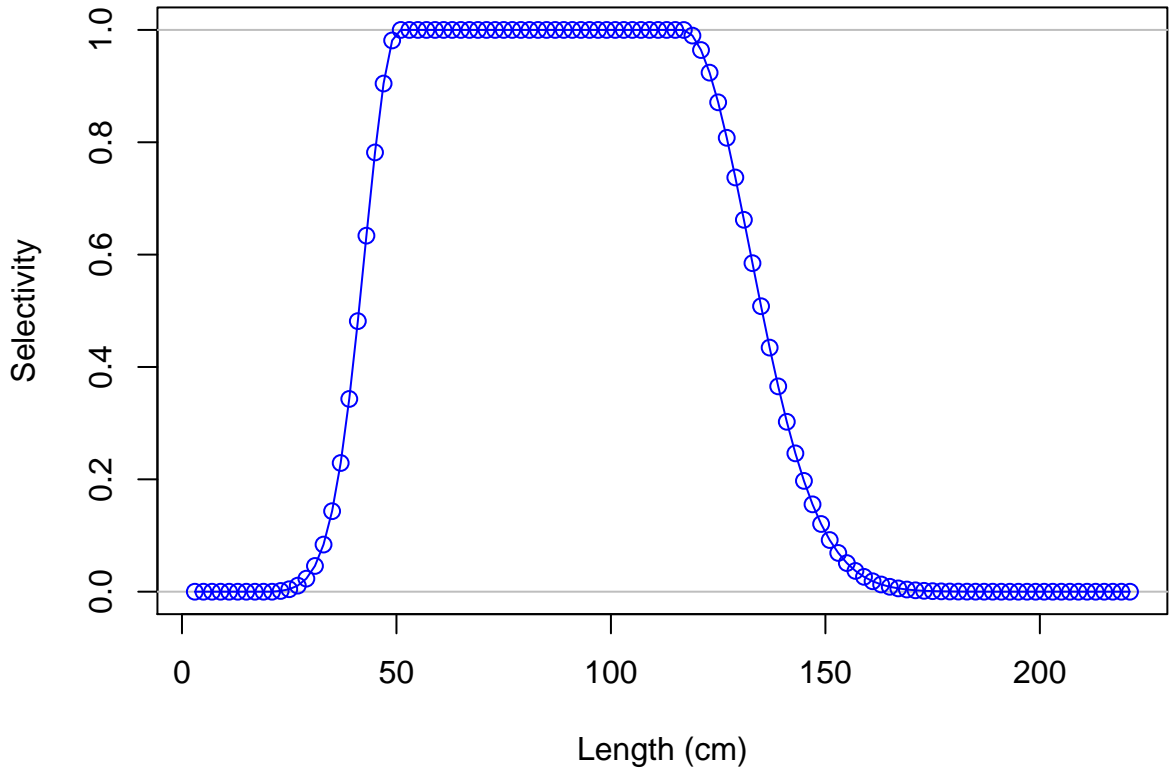
## Female ending year selectivity for A2-OBJ



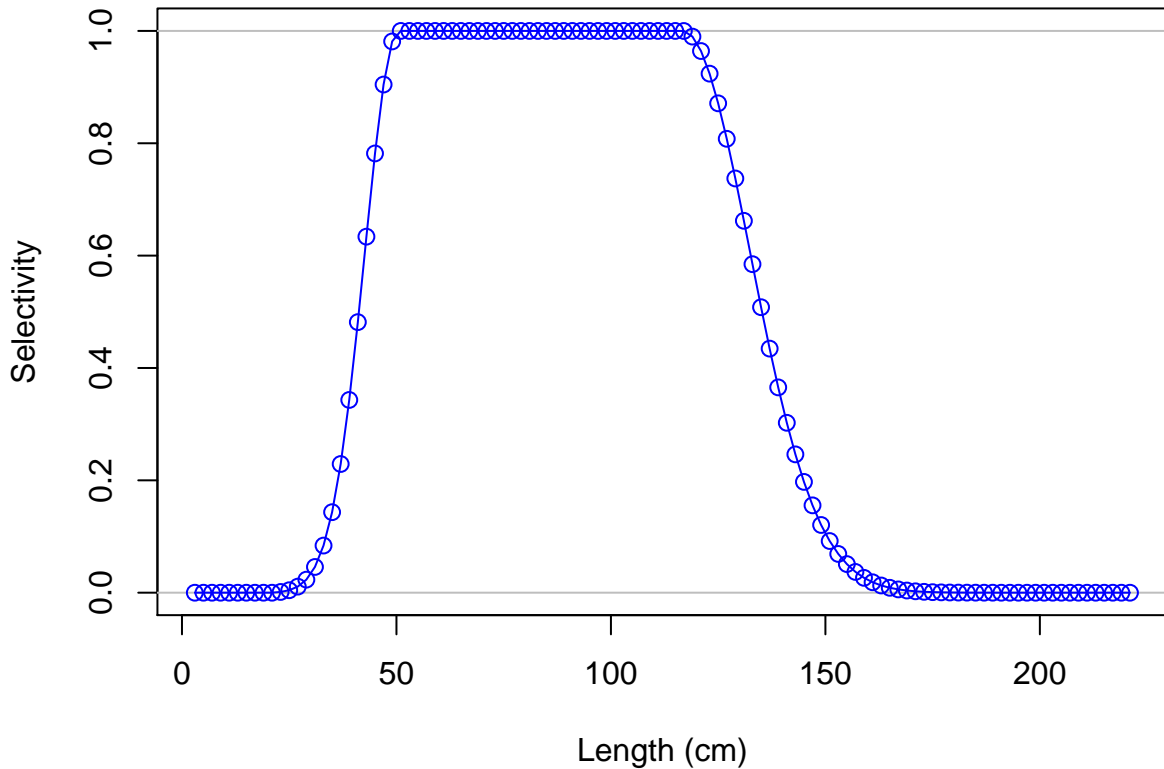
## Male ending year selectivity for A2-OBJ



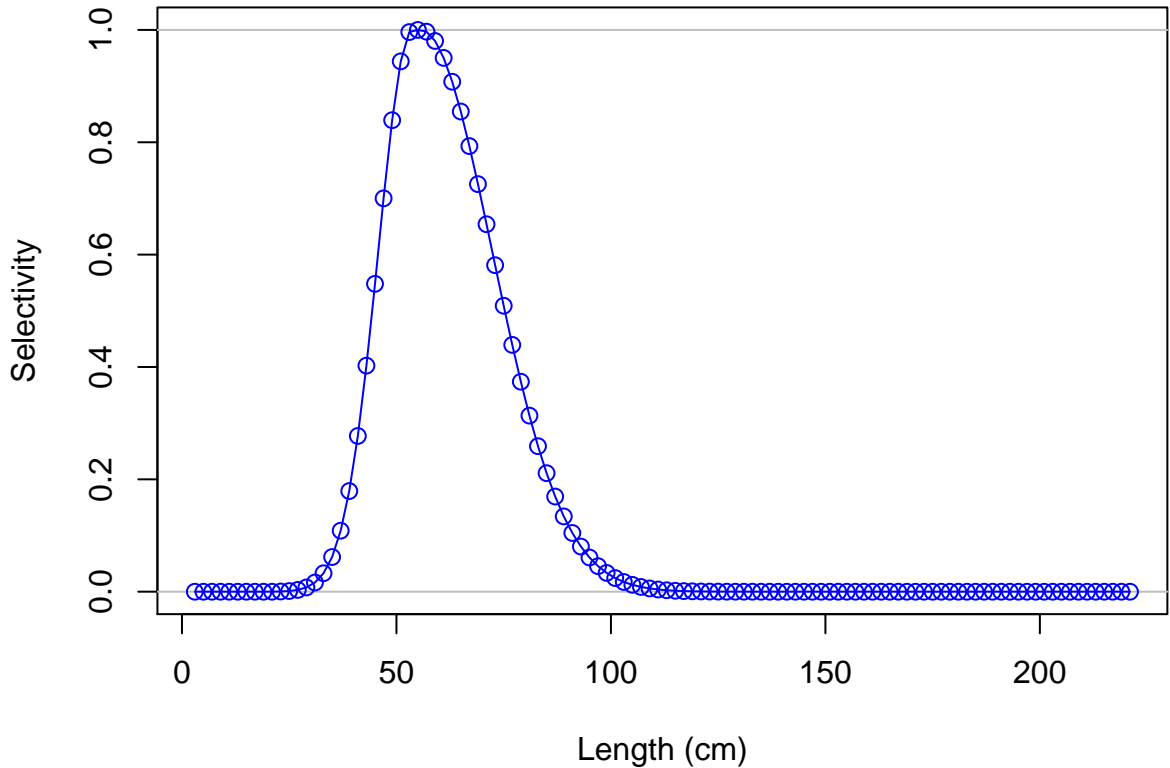
## Female ending year selectivity for A3-OBJ



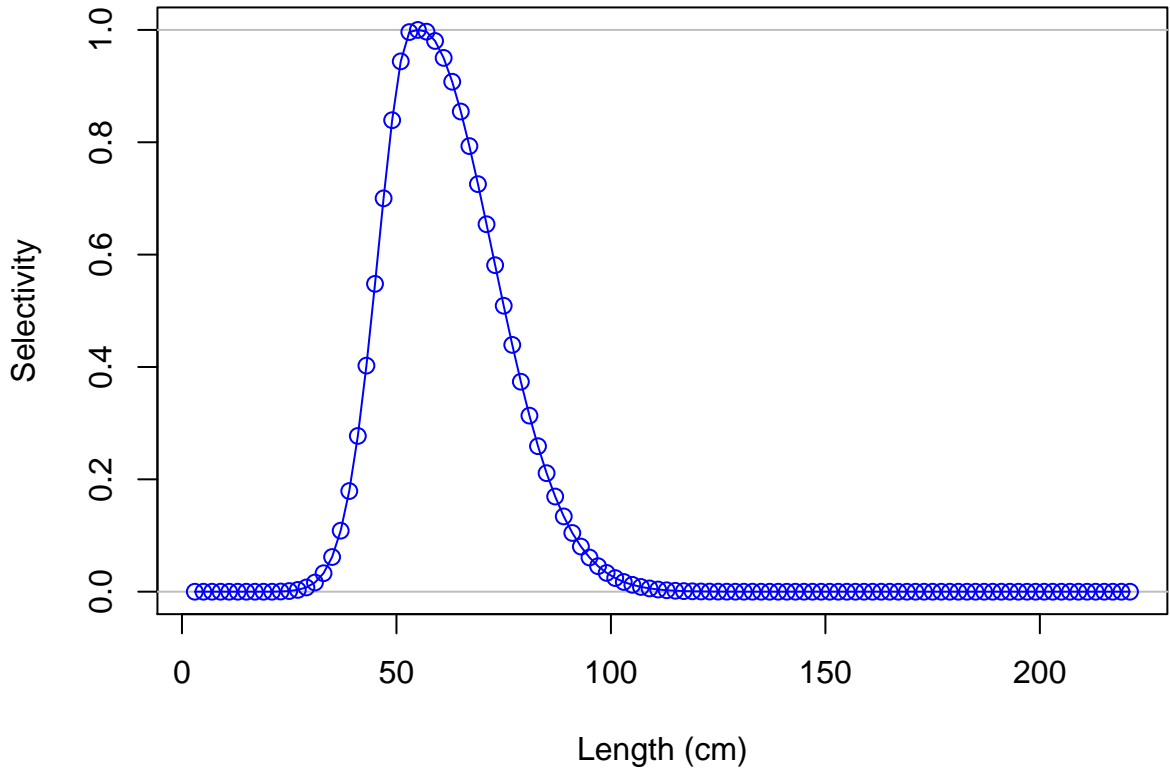
## Male ending year selectivity for A3-OBJ



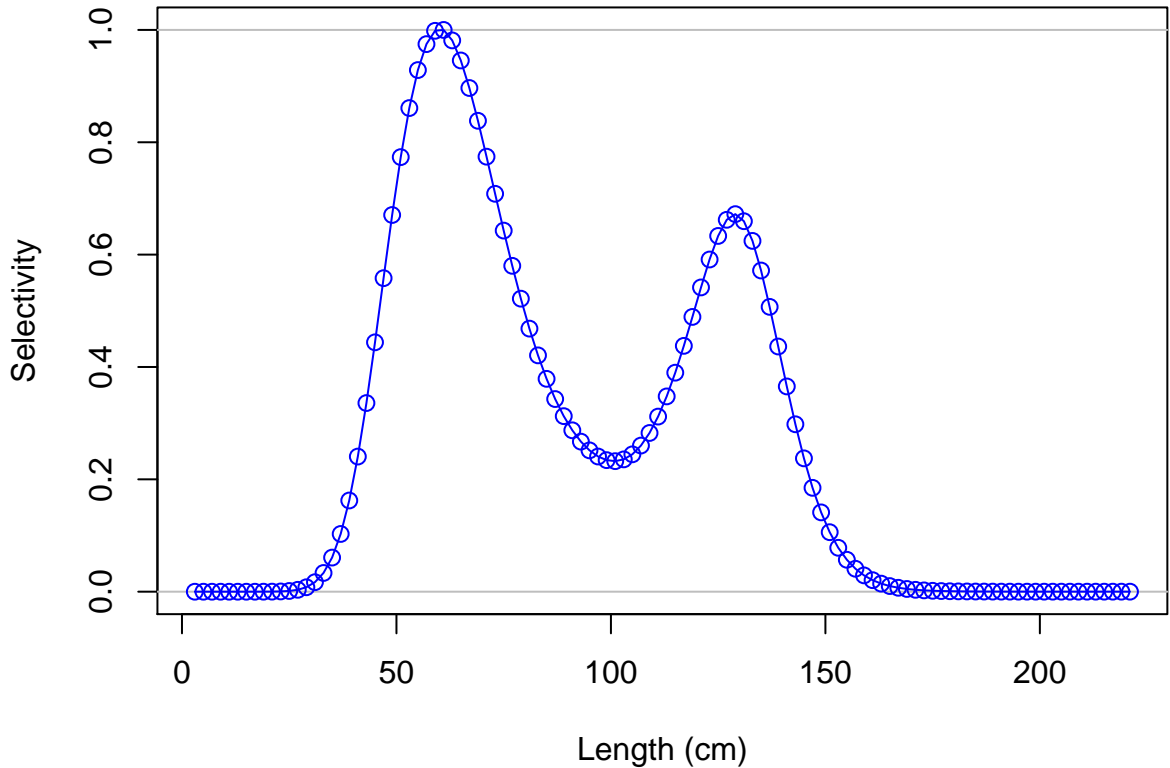
## Female ending year selectivity for A4-OBJ



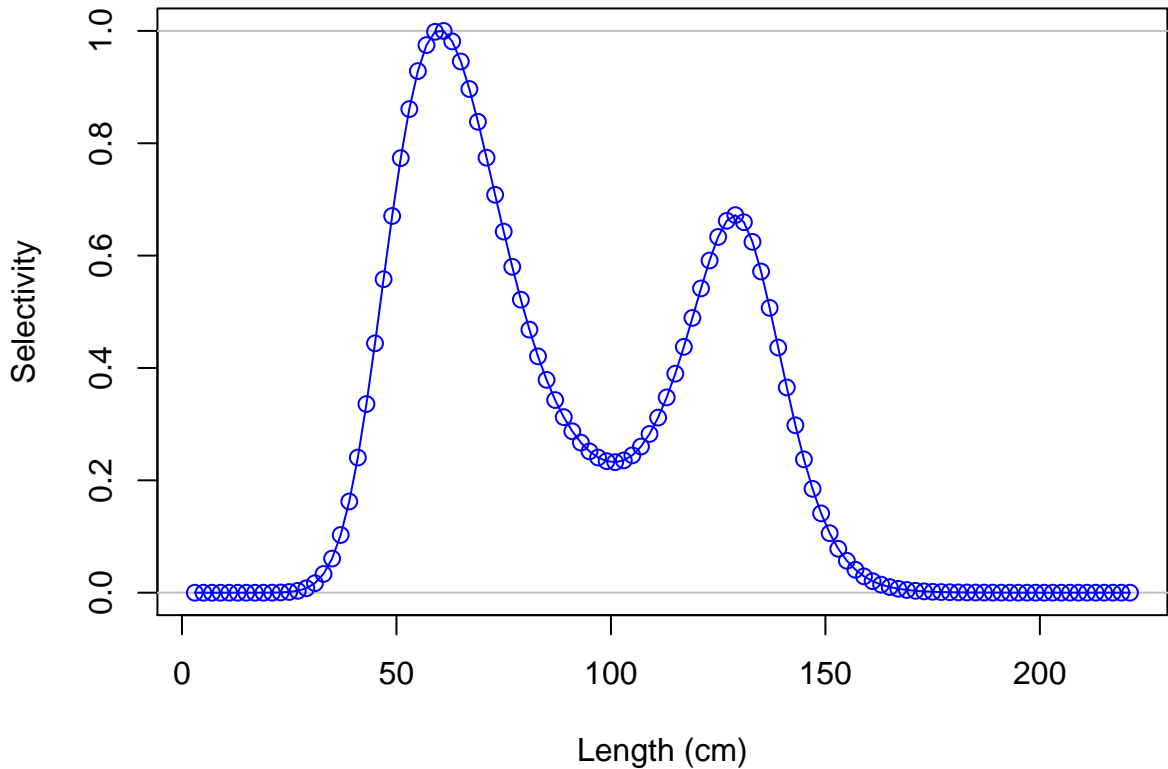
## Male ending year selectivity for A4-OBJ



## Female ending year selectivity for A5-OBJ

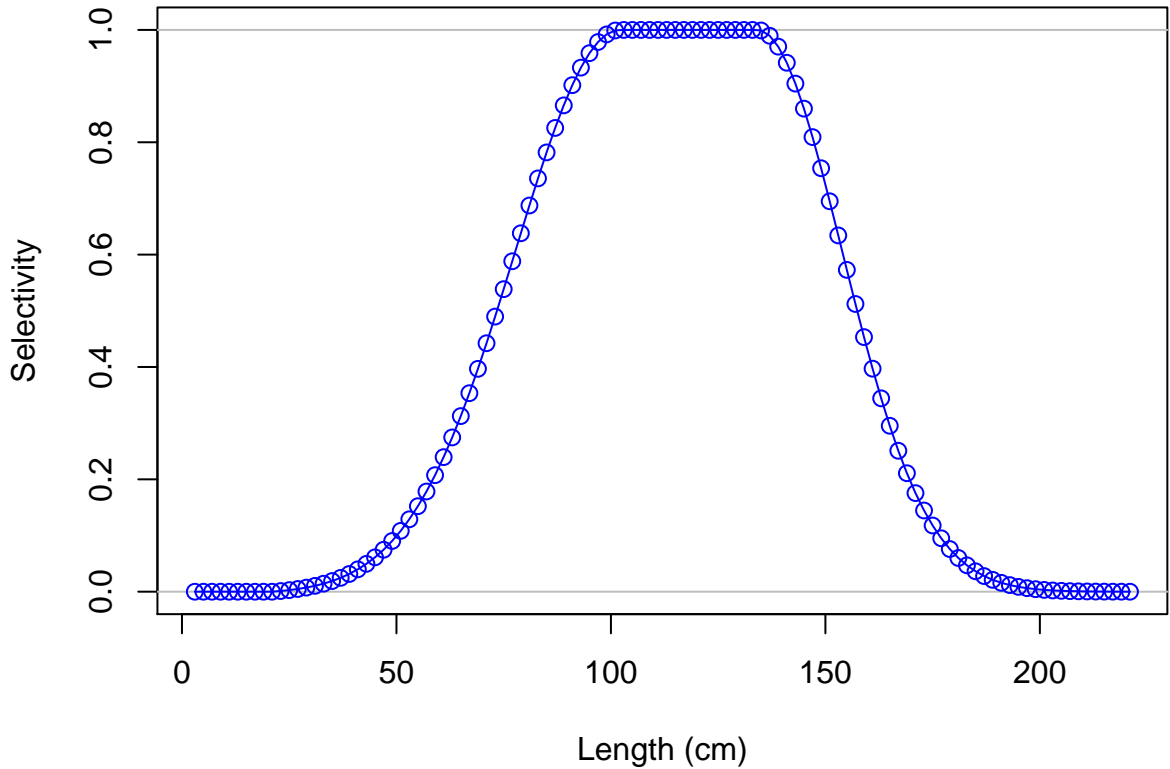


## Male ending year selectivity for A5-OBJ

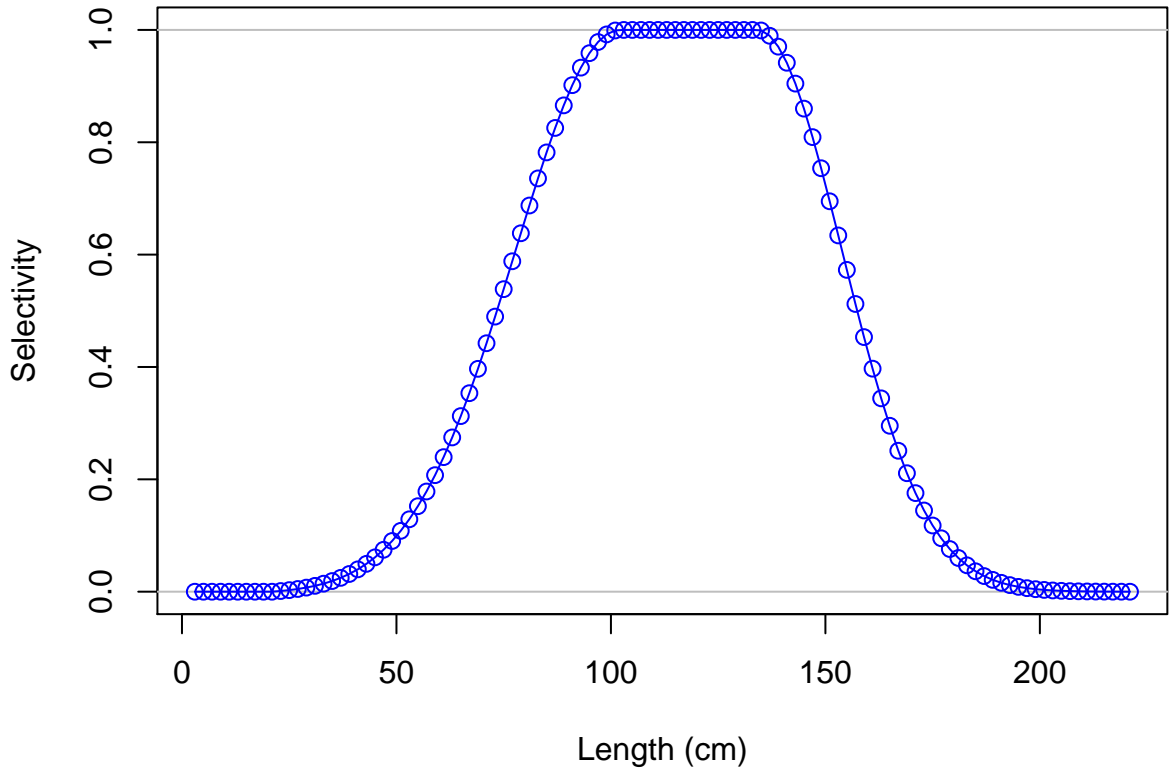




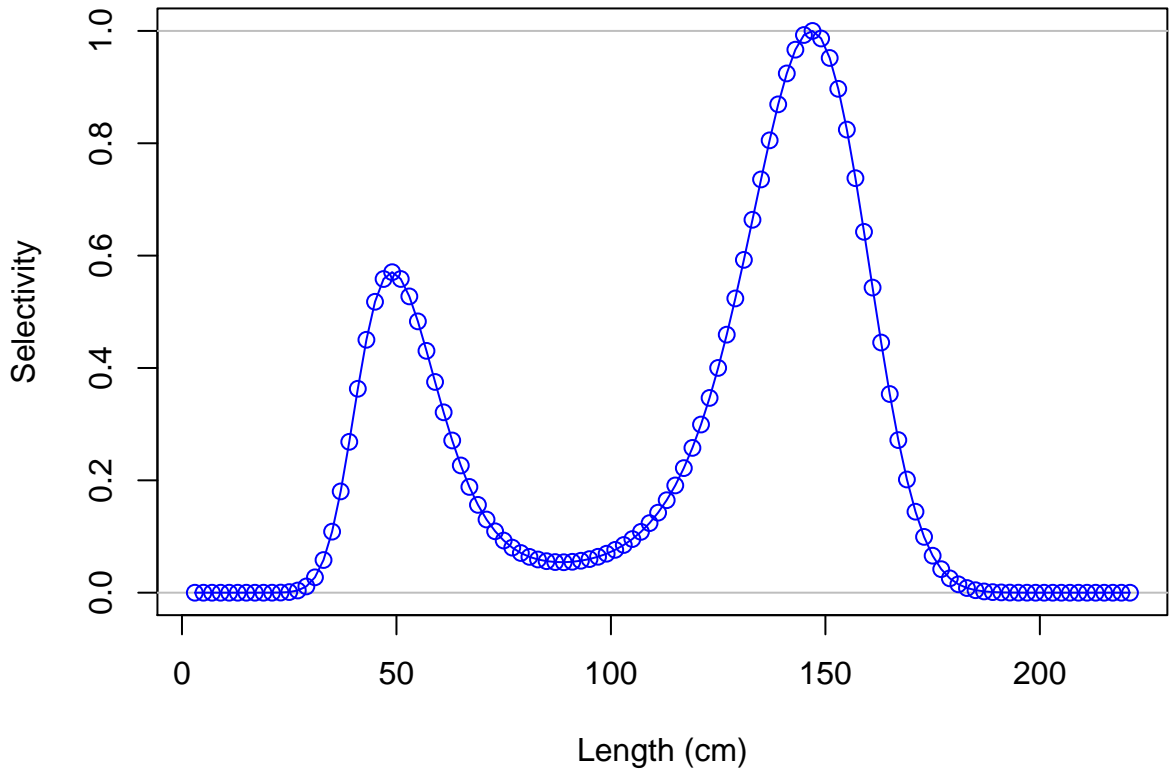
## Female ending year selectivity for A6-OBJ



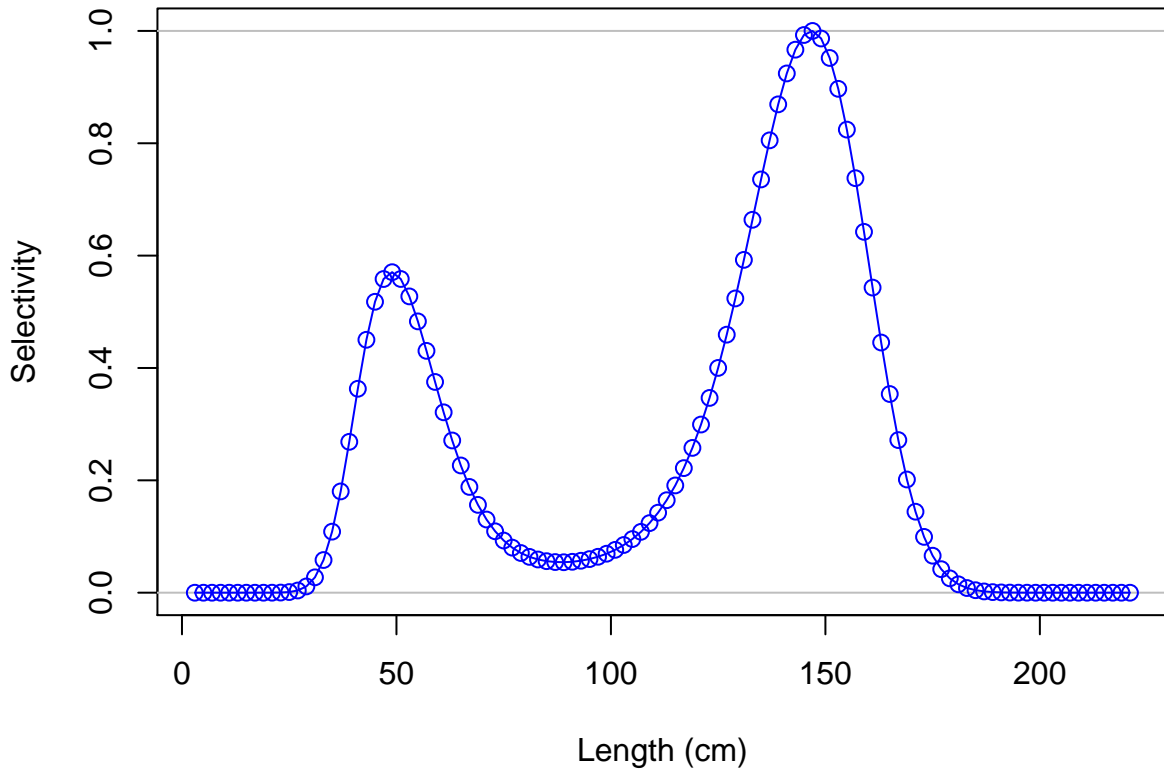
## Male ending year selectivity for A6-OBJ



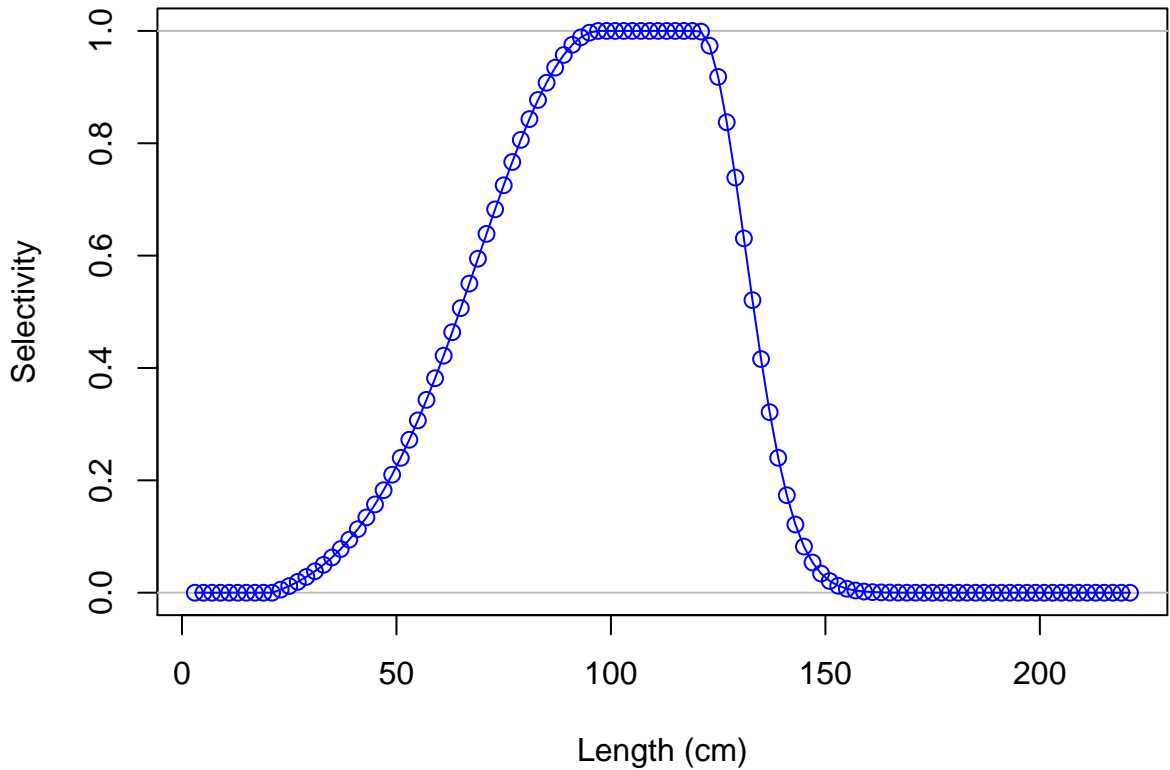
## Female ending year selectivity for A2-NOADEL



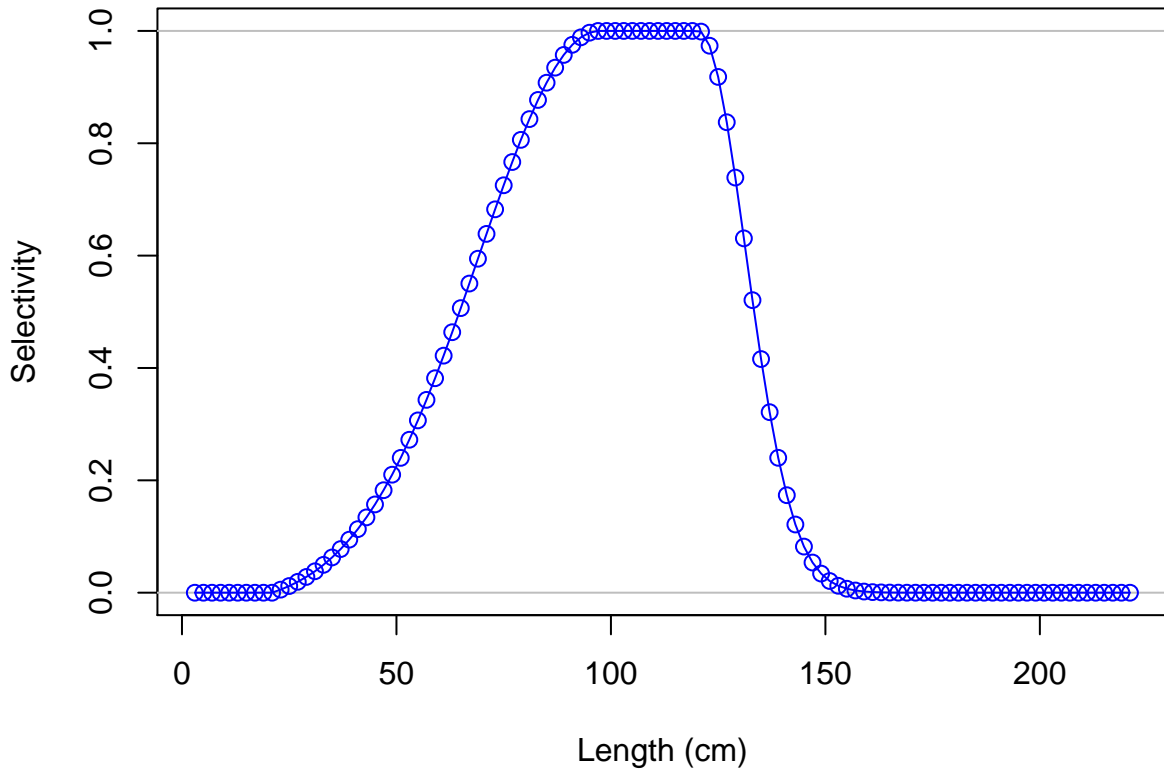
## Male ending year selectivity for A2-NOADEL



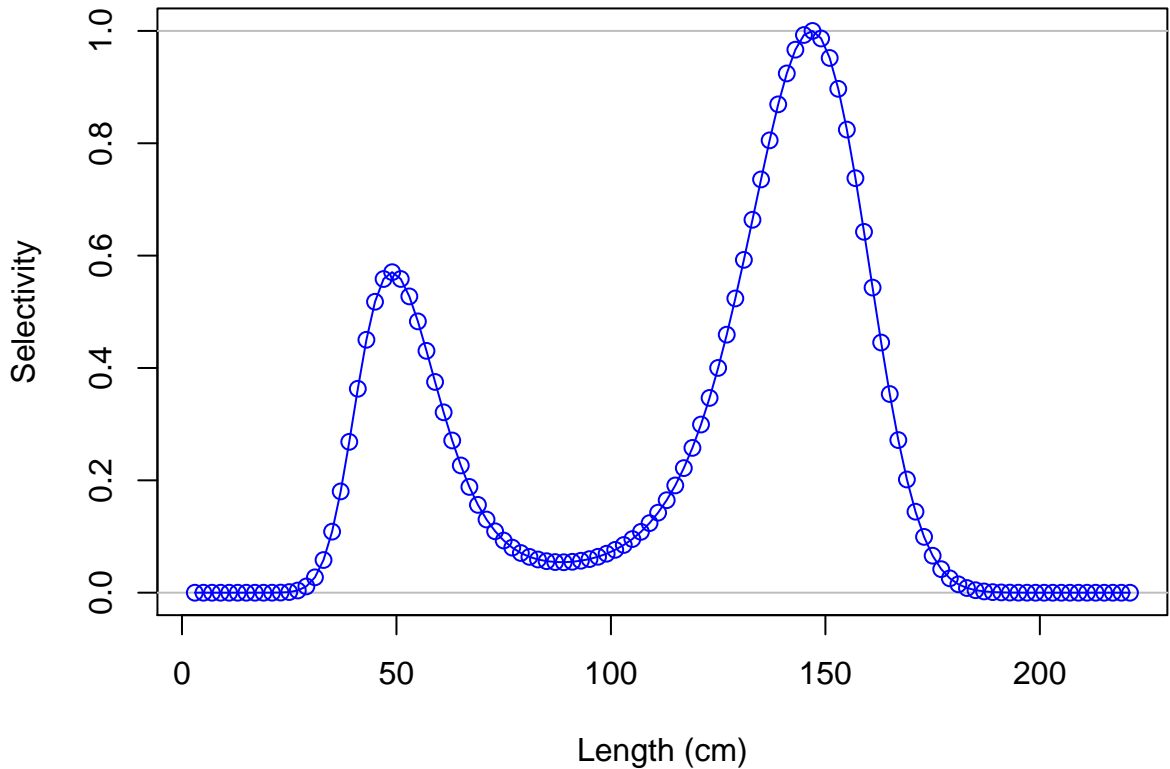
## Female ending year selectivity for A3-NOADEL



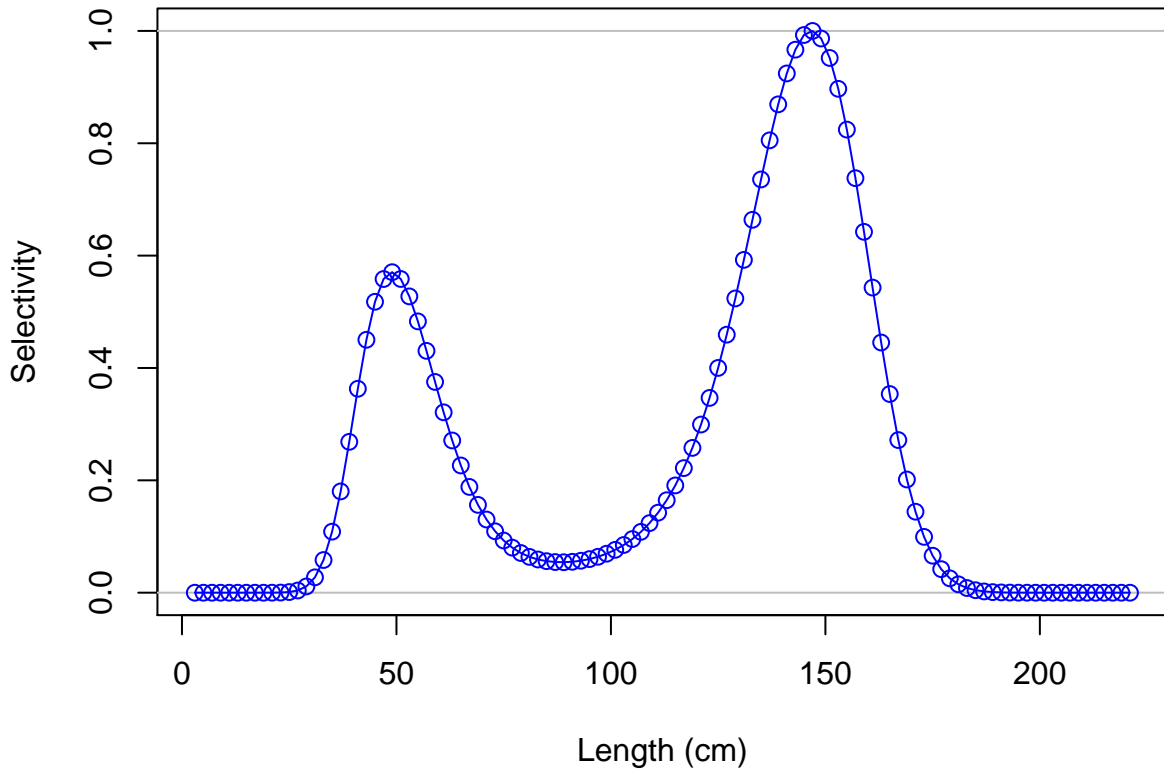
## Male ending year selectivity for A3-NOADEL



## Female ending year selectivity for A4-NOADEL

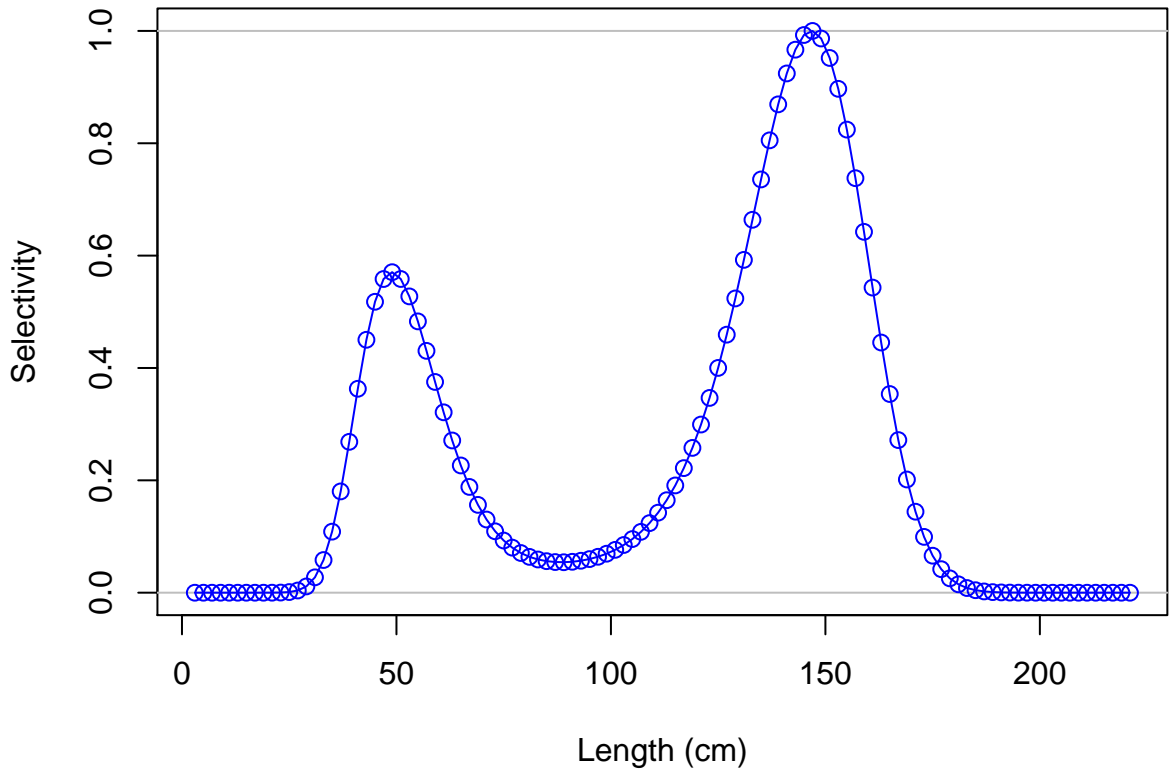


## Male ending year selectivity for A4-NOADEL

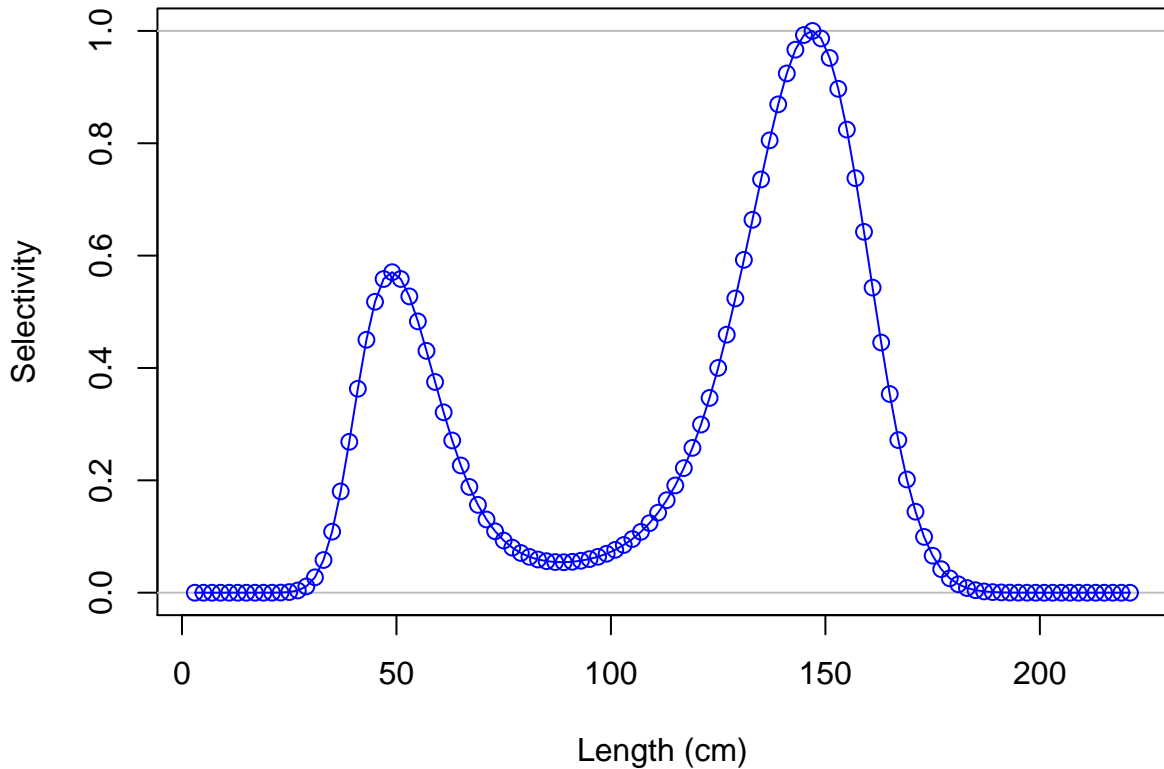




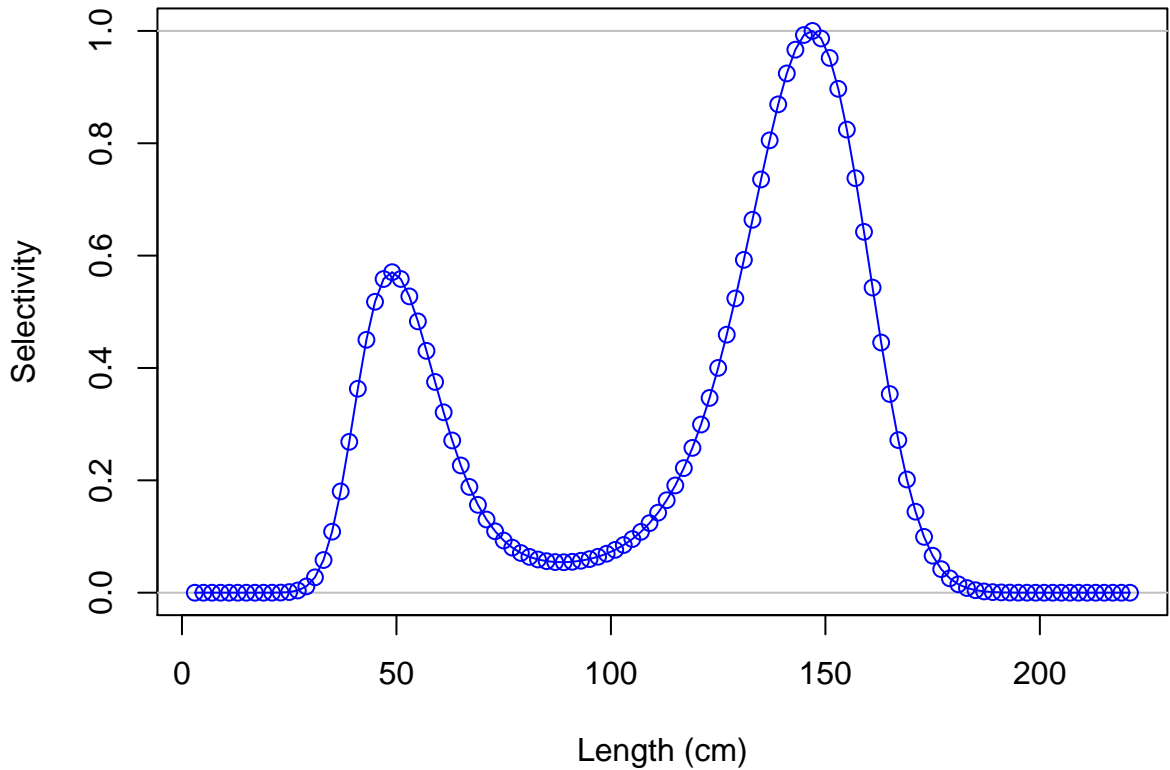
## Female ending year selectivity for A5-NOADEL



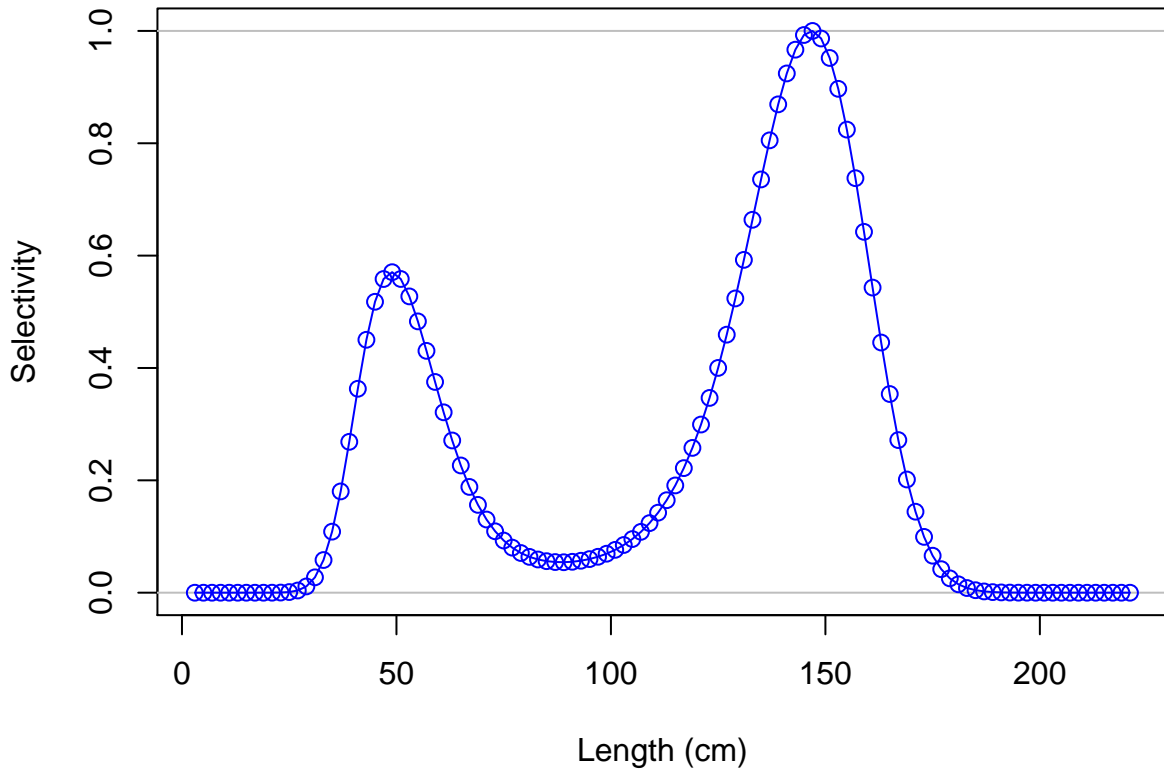
## Male ending year selectivity for A5-NOADEL



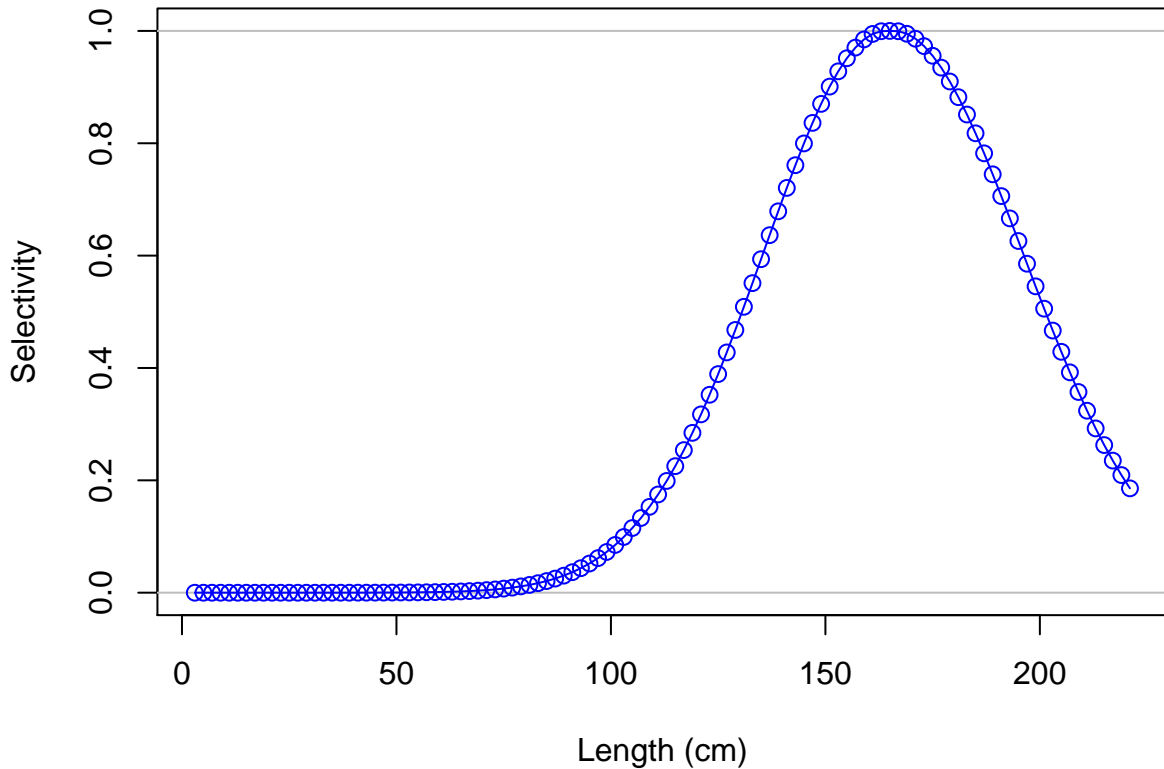
## Female ending year selectivity for A6-NOADEL



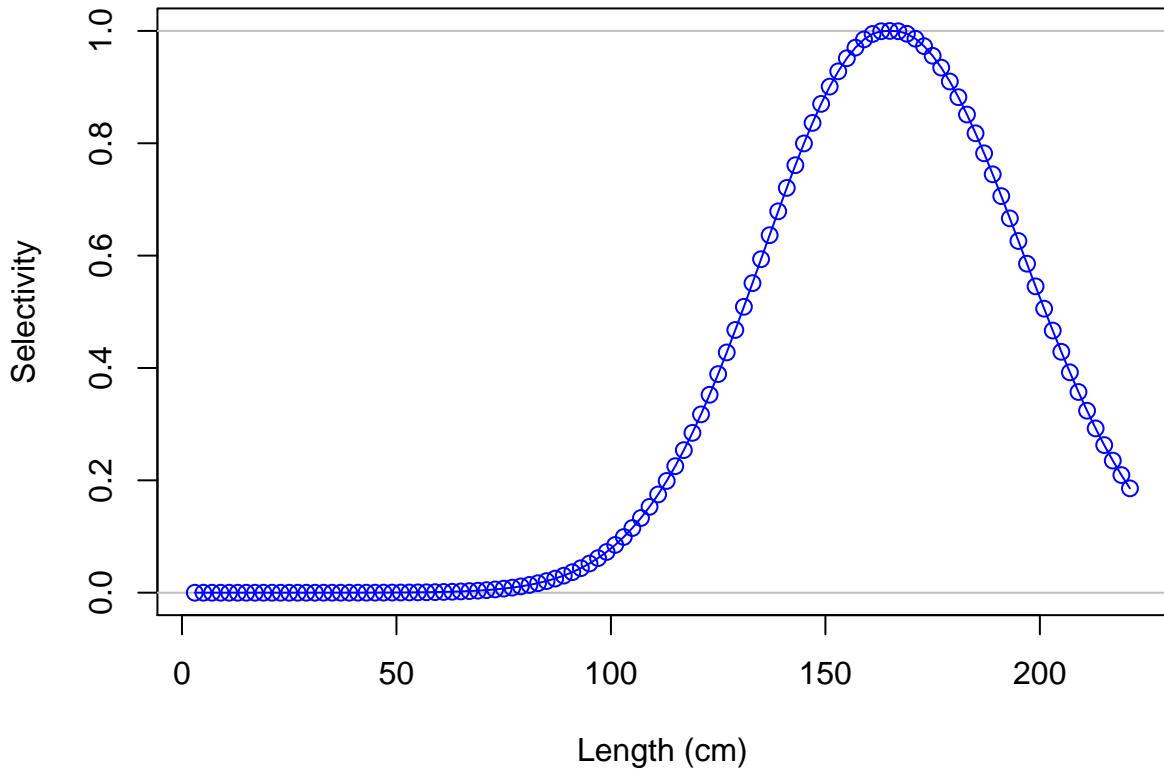
## Male ending year selectivity for A6-NOADEL



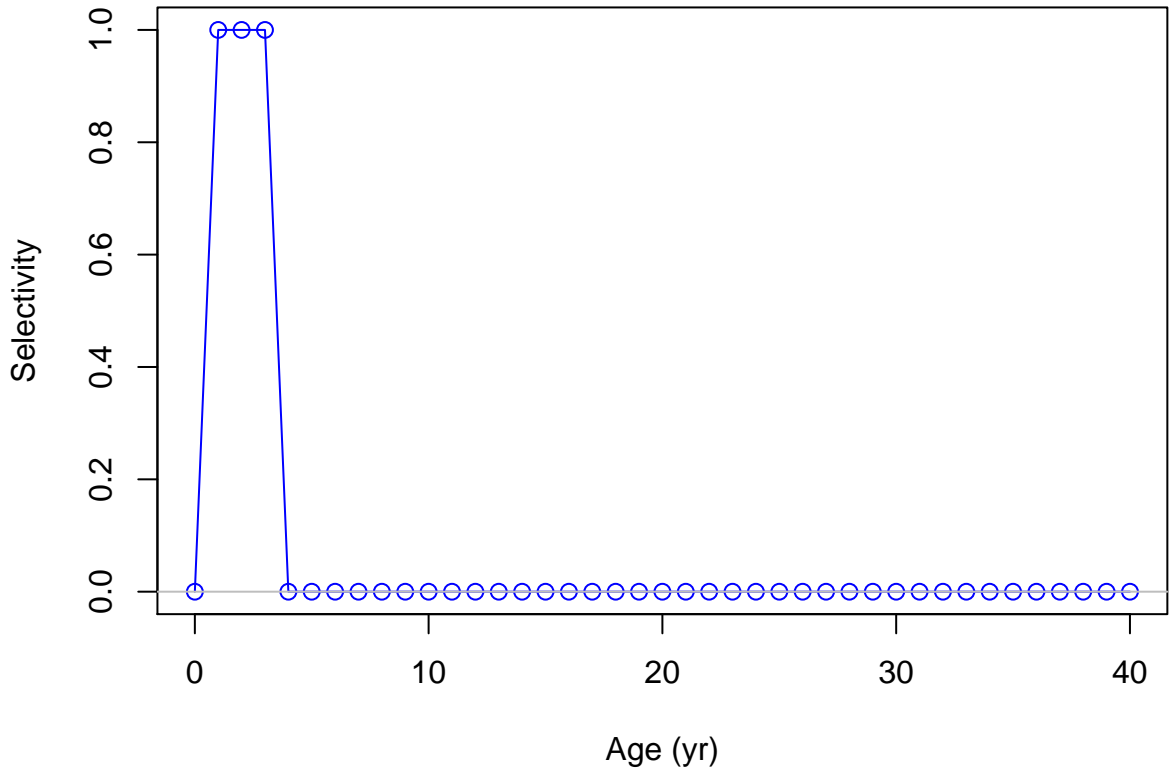
# Female ending year selectivity for EPO-LL-survey-late



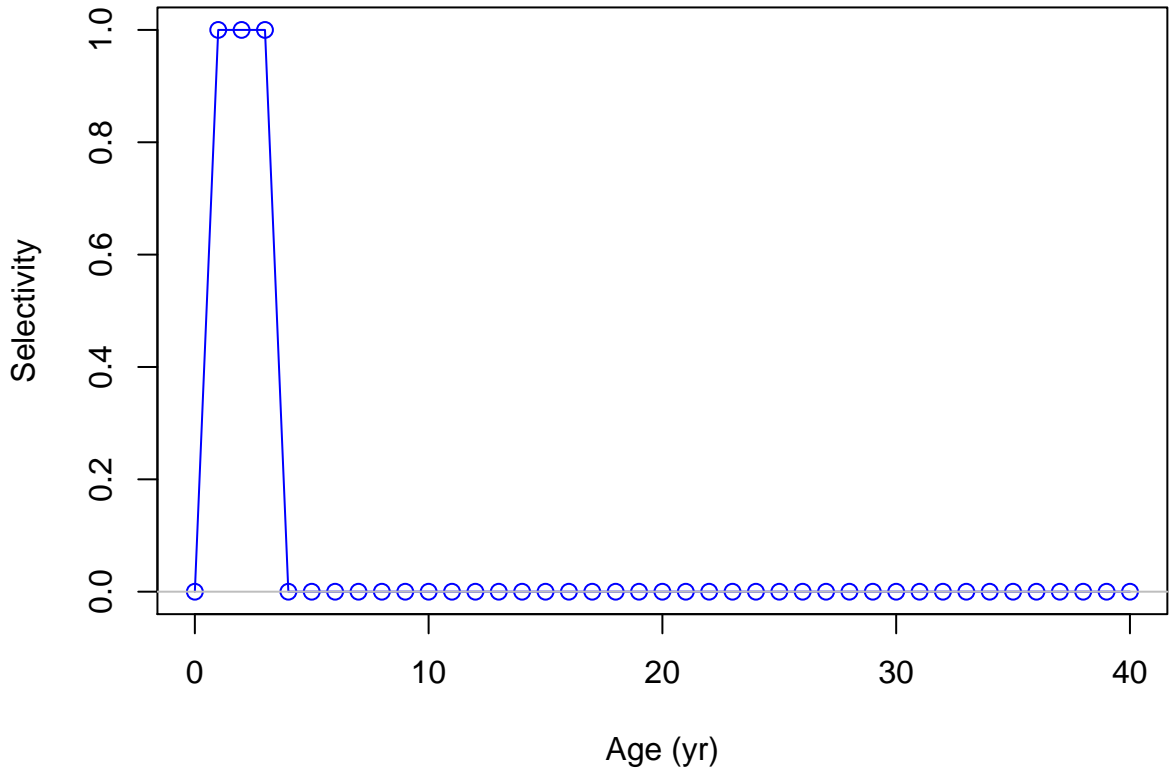
# Male ending year selectivity for EPO-LL-survey-late



## Female ending year selectivity for EPO-OBJ-Disc

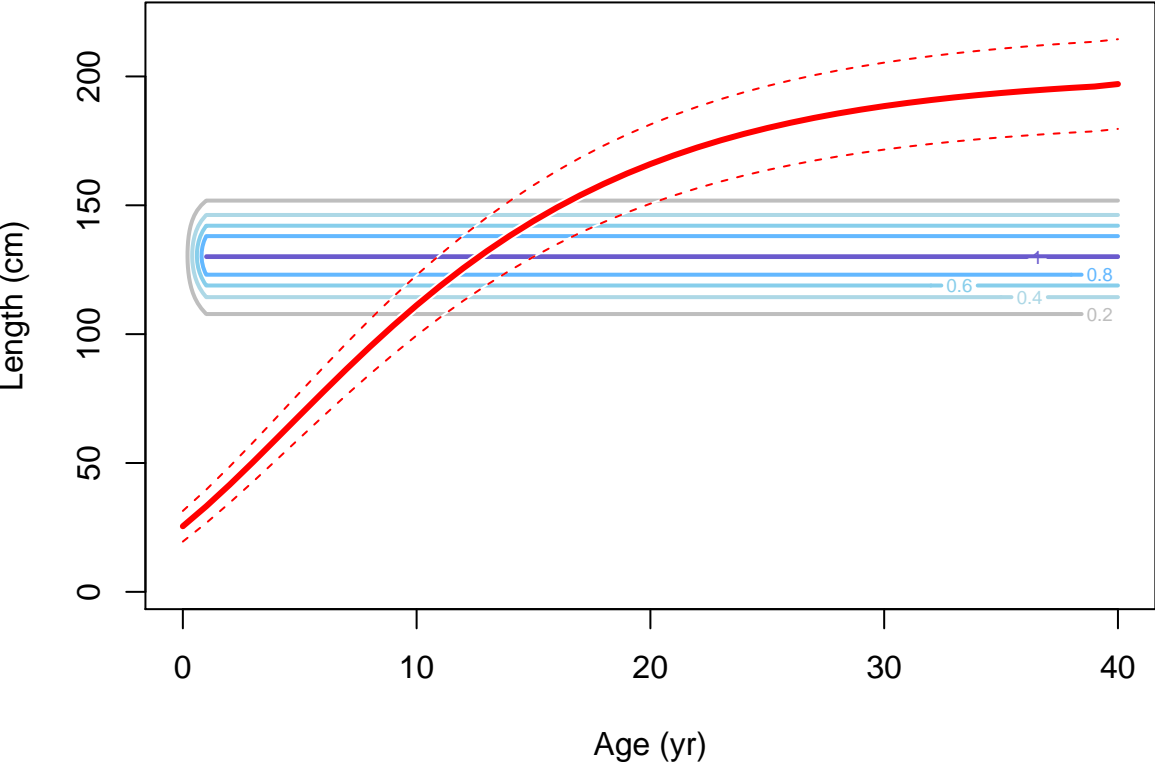


# Male ending year selectivity for EPO-OBJ-Disc

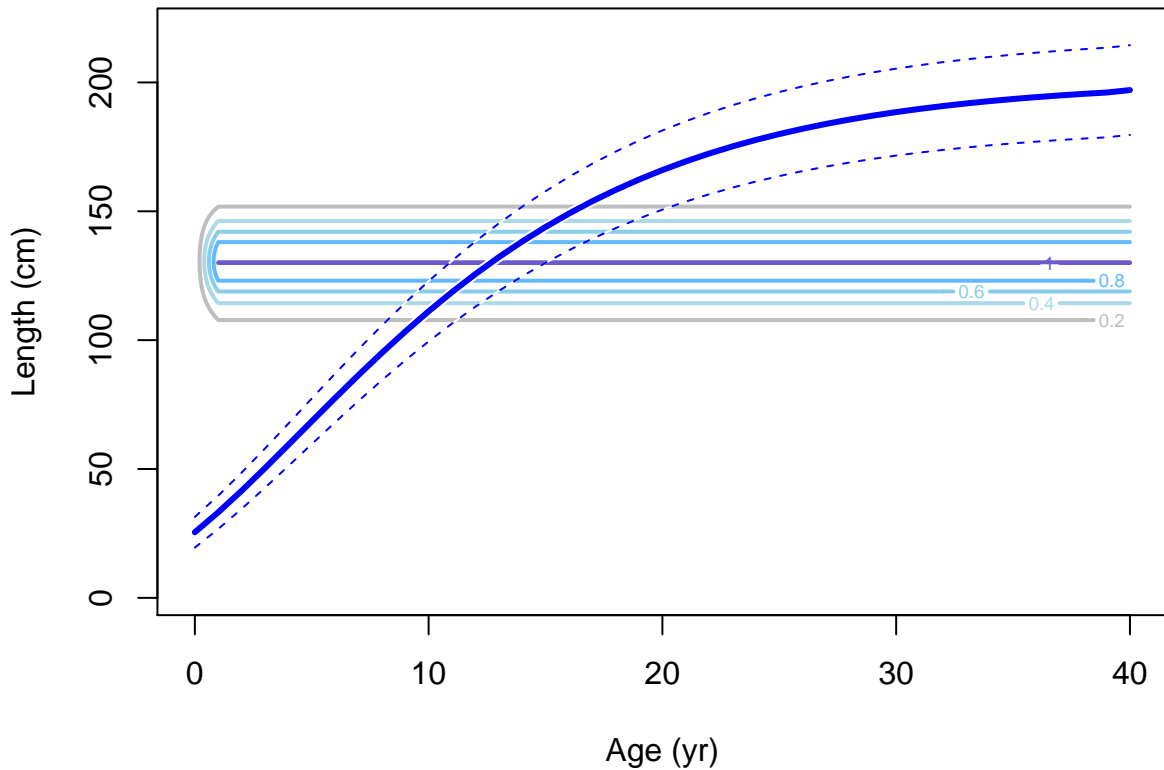




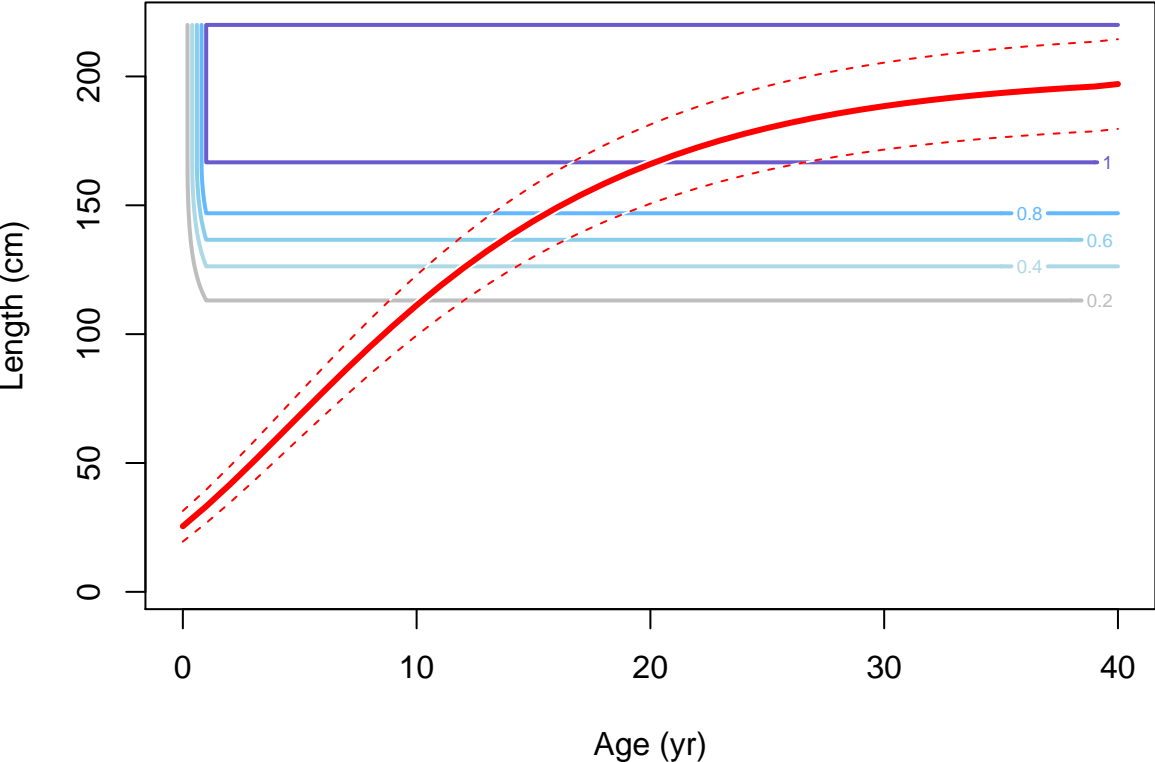
# Female ending year selectivity and growth for A1-LL-n



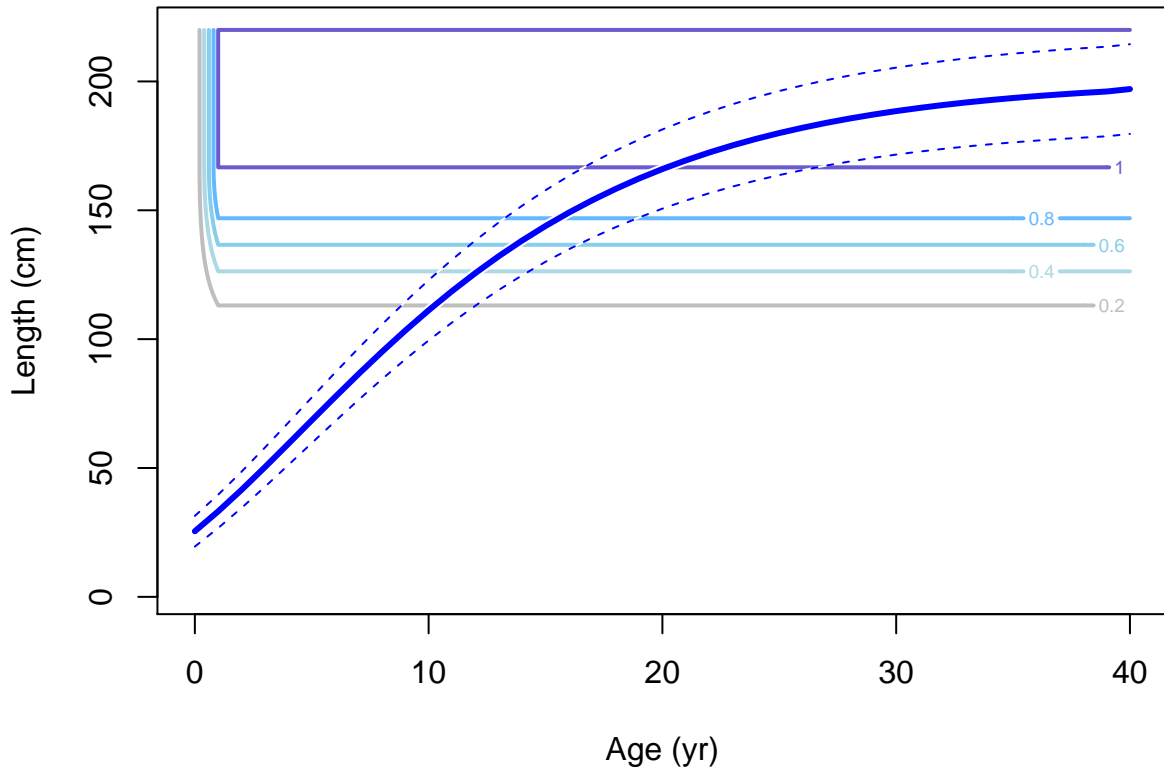
# Male ending year selectivity and growth for A1-LL-n



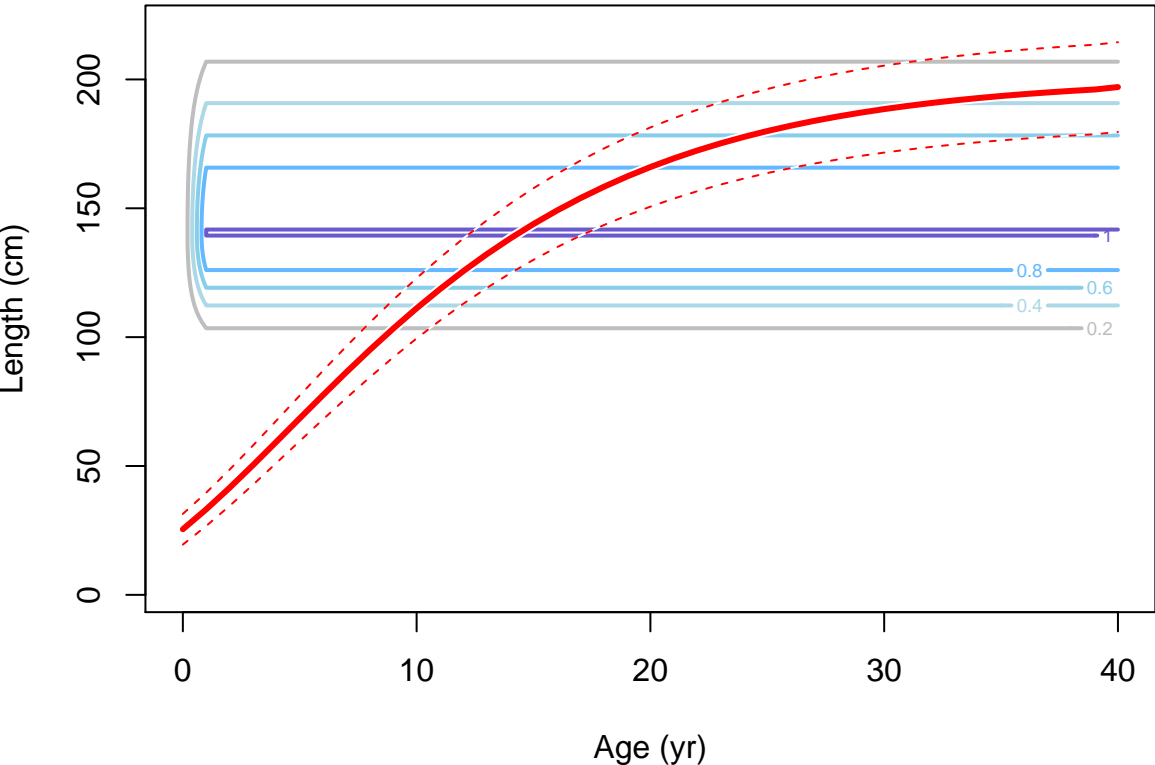
Female ending year selectivity and growth for A2-LL-n



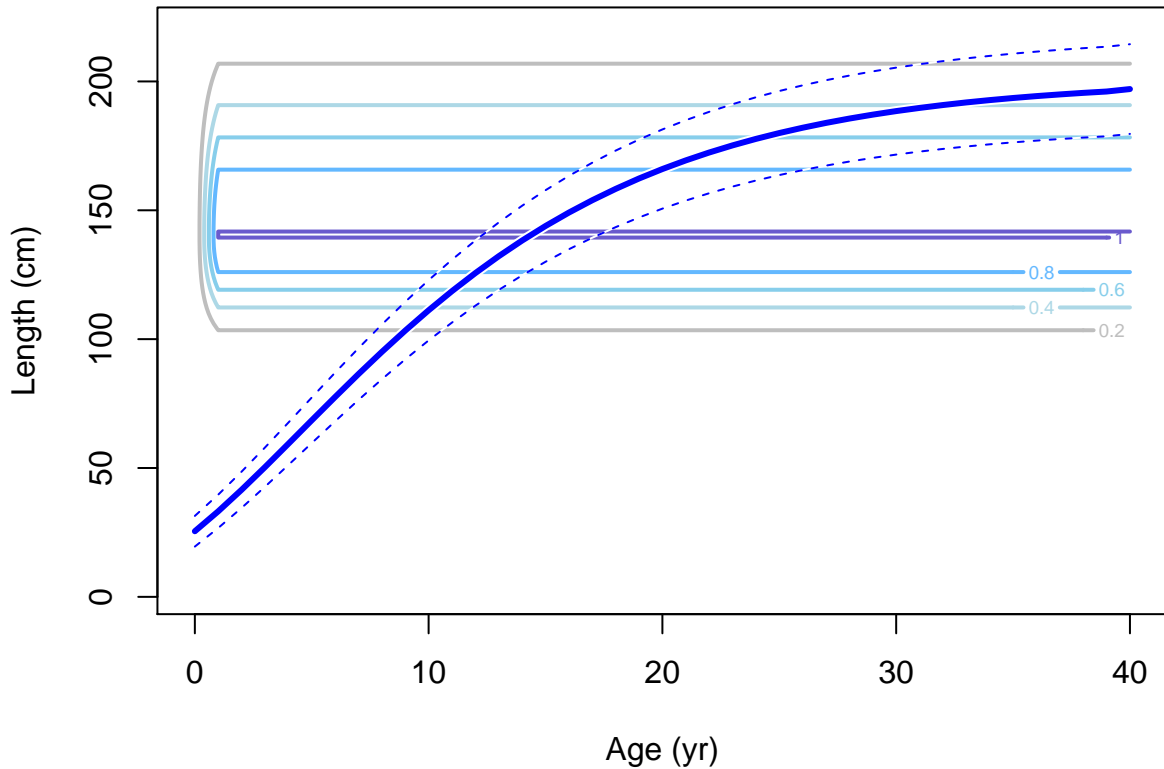
# Male ending year selectivity and growth for A2-LL-n



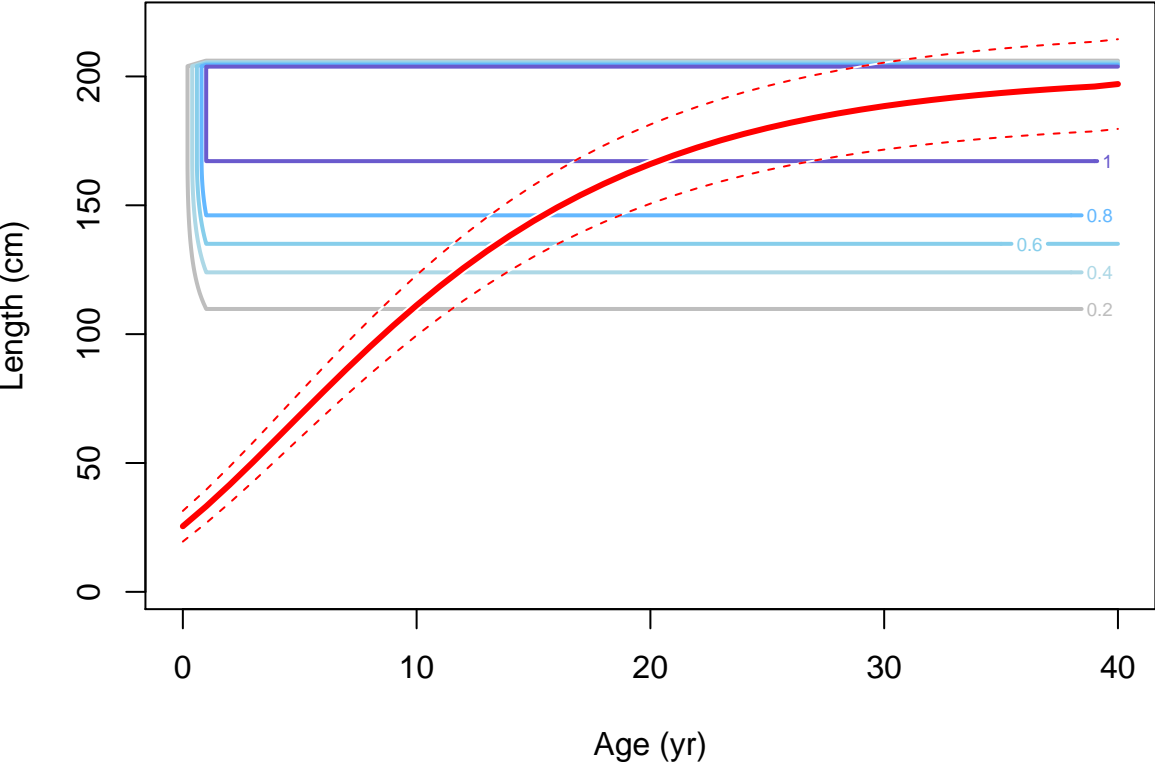
# Female ending year selectivity and growth for A3-LL-n



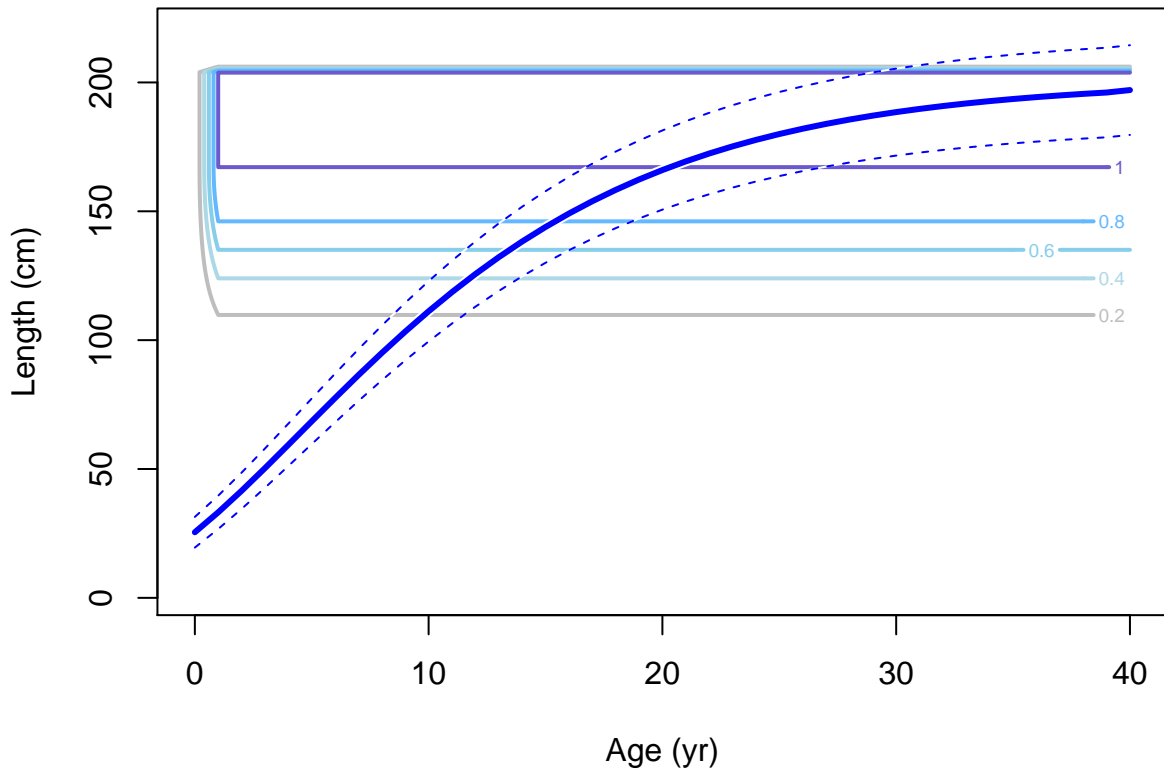
# Male ending year selectivity and growth for A3-LL-n



Female ending year selectivity and growth for A4-LL-n

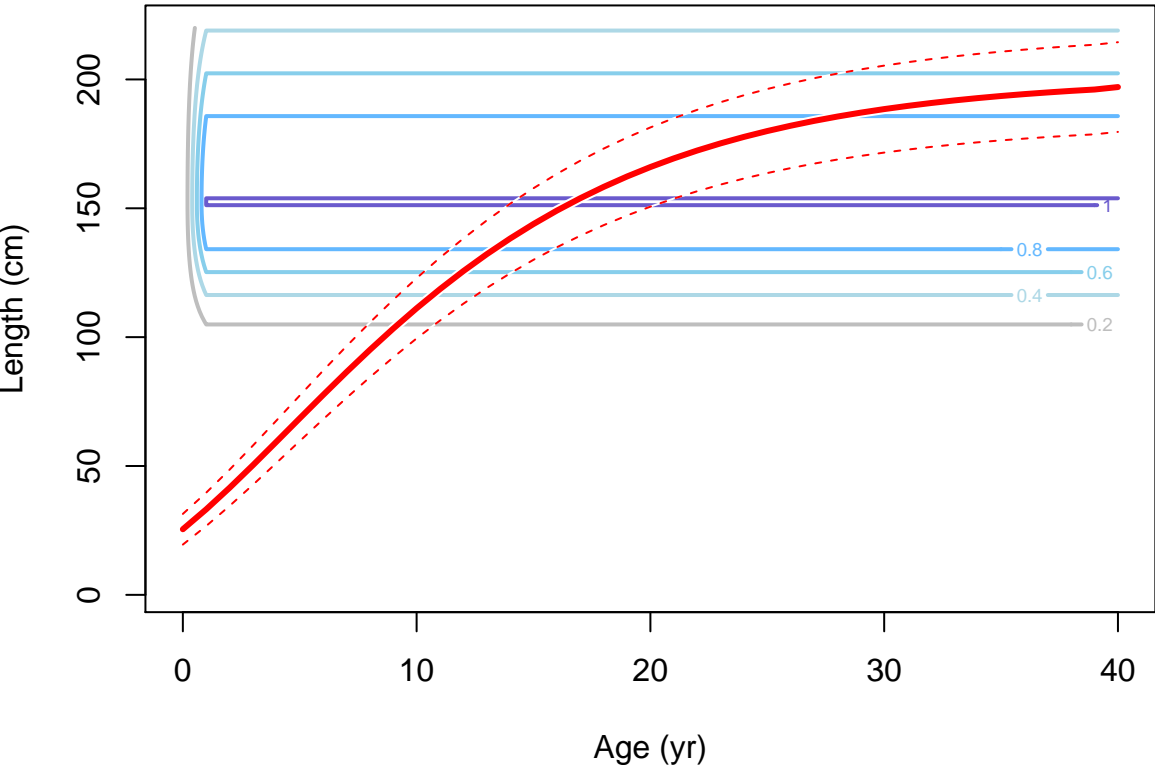


# Male ending year selectivity and growth for A4-LL-n

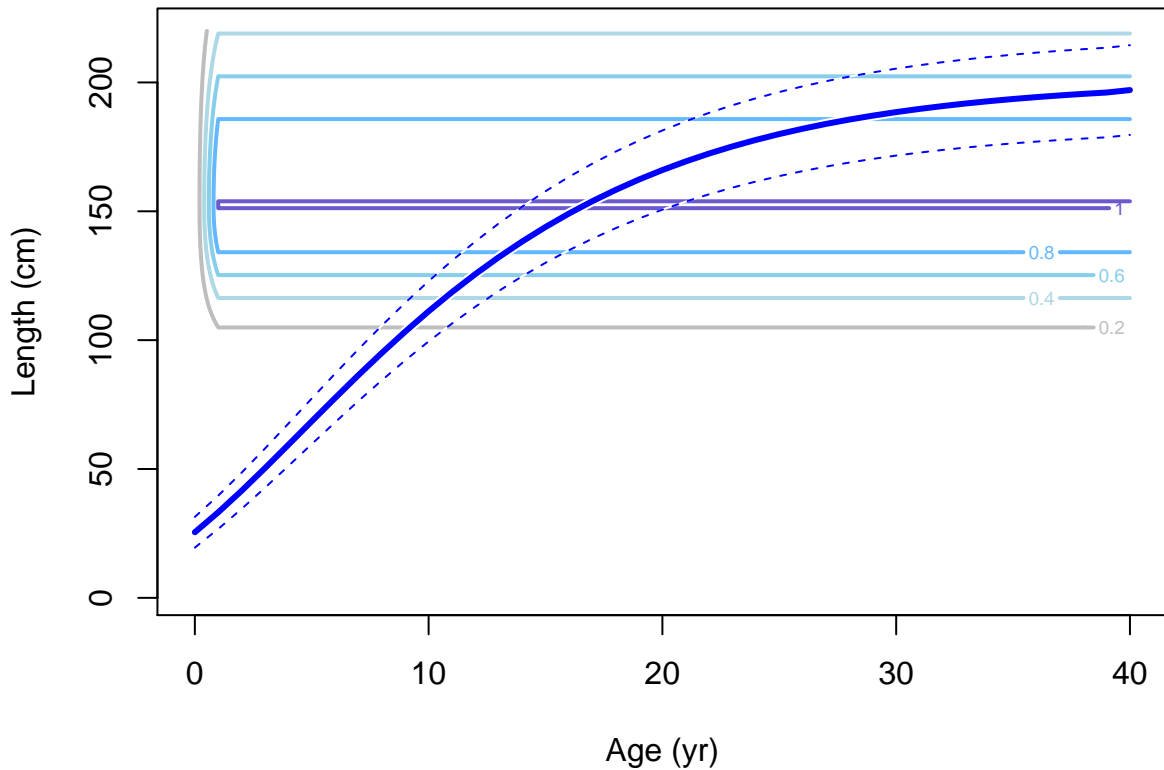




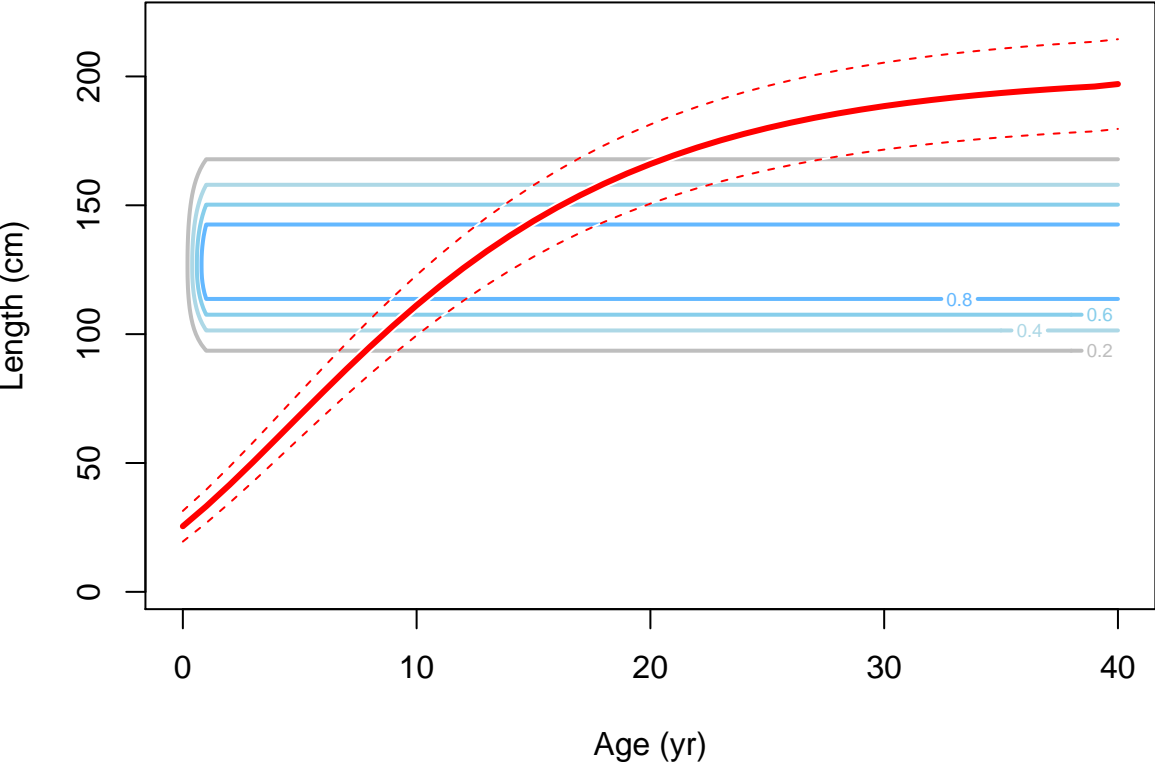
Female ending year selectivity and growth for A5-LL-n



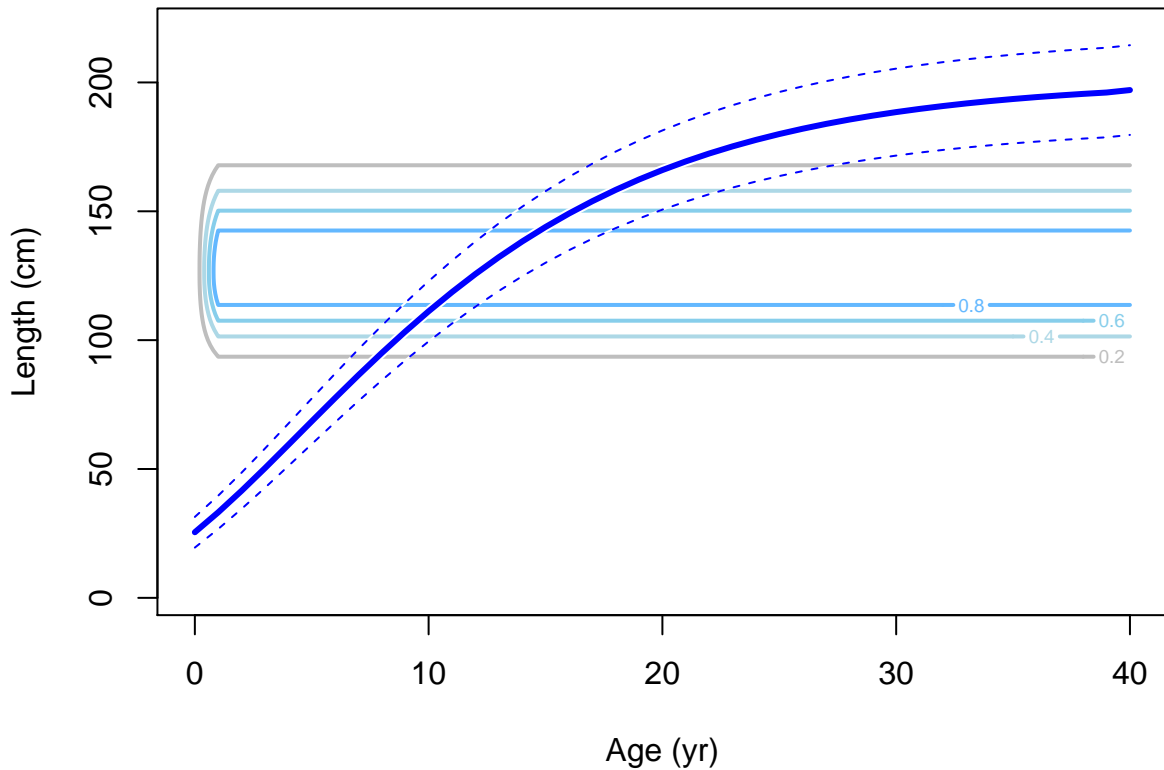
# Male ending year selectivity and growth for A5-LL-n



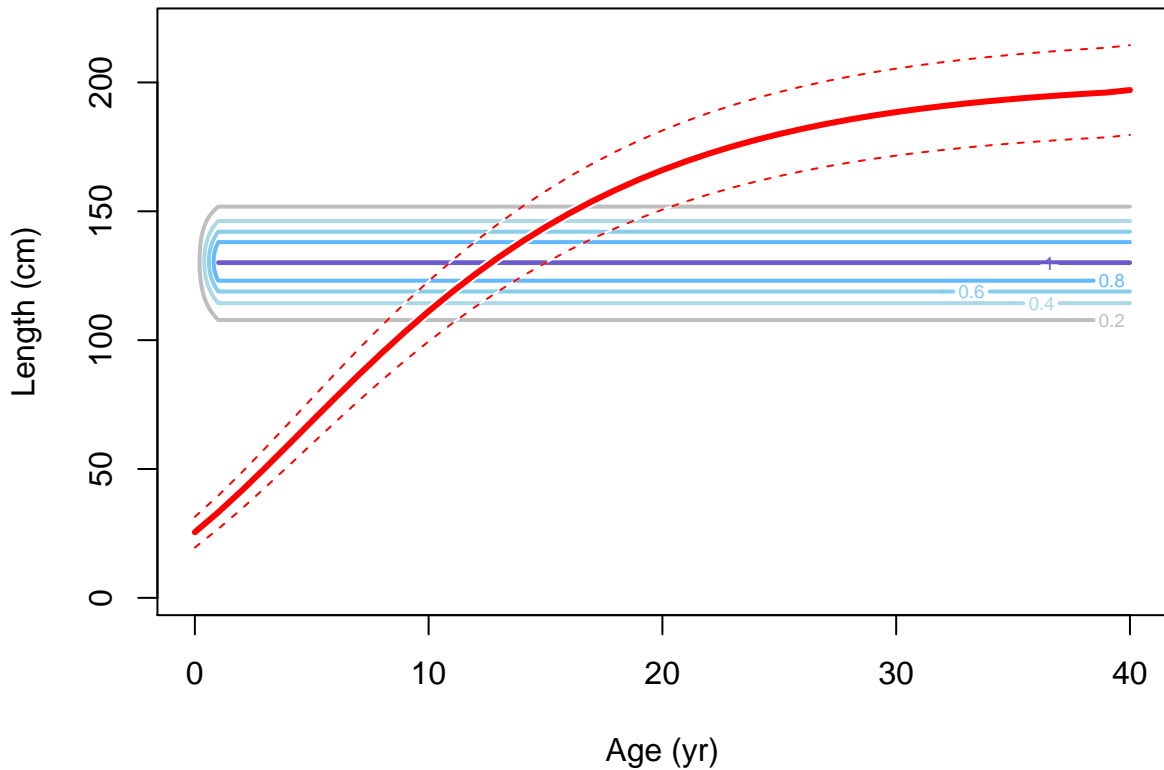
# Female ending year selectivity and growth for A6-LL-n



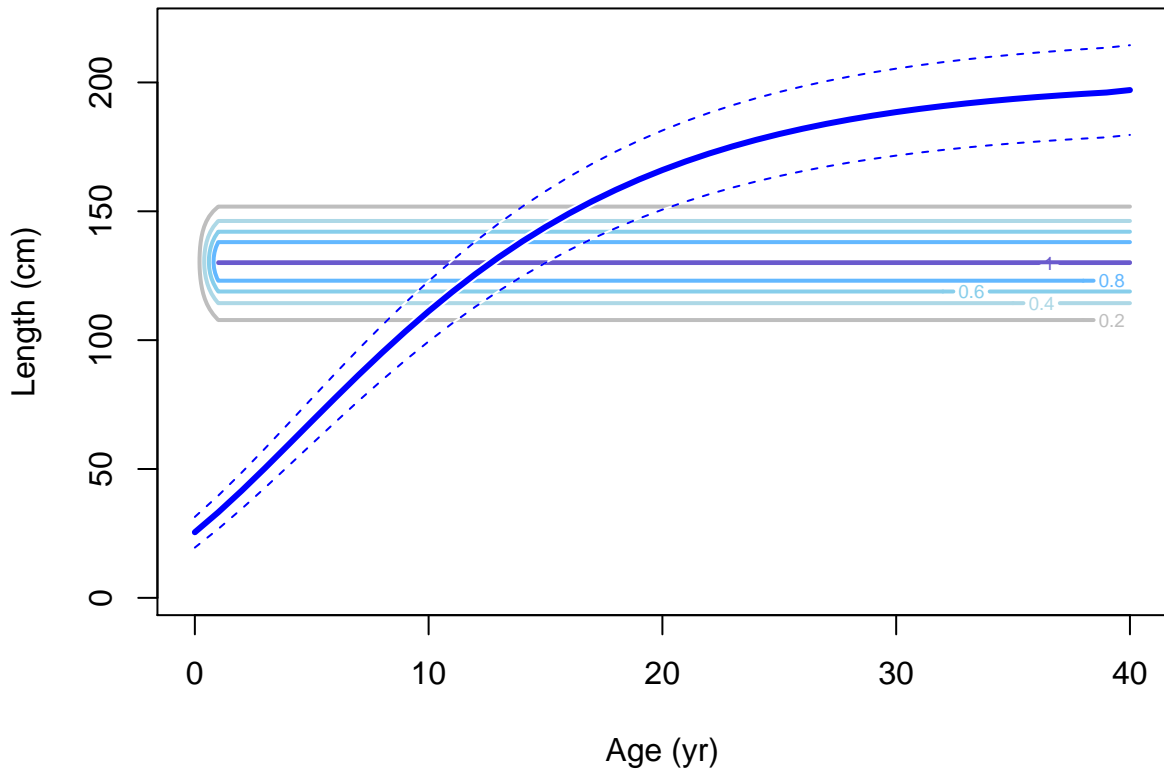
# Male ending year selectivity and growth for A6-LL-n



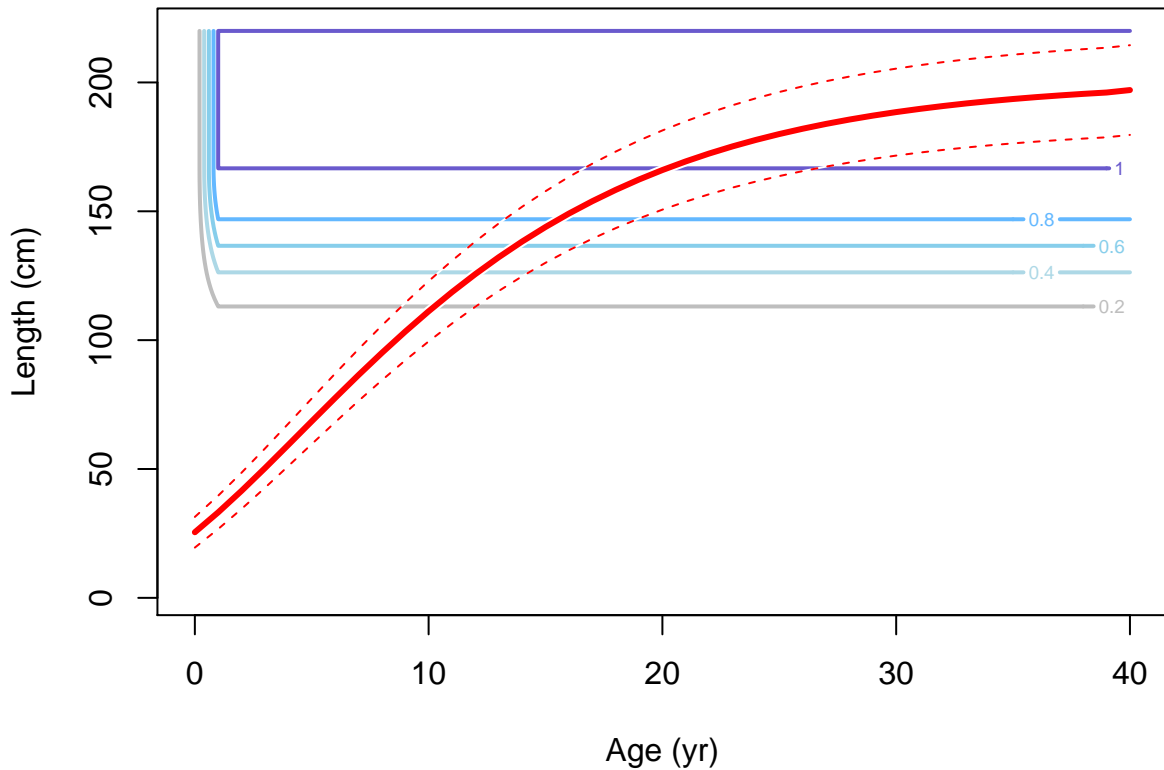
## Female ending year selectivity and growth for A1-LL-w



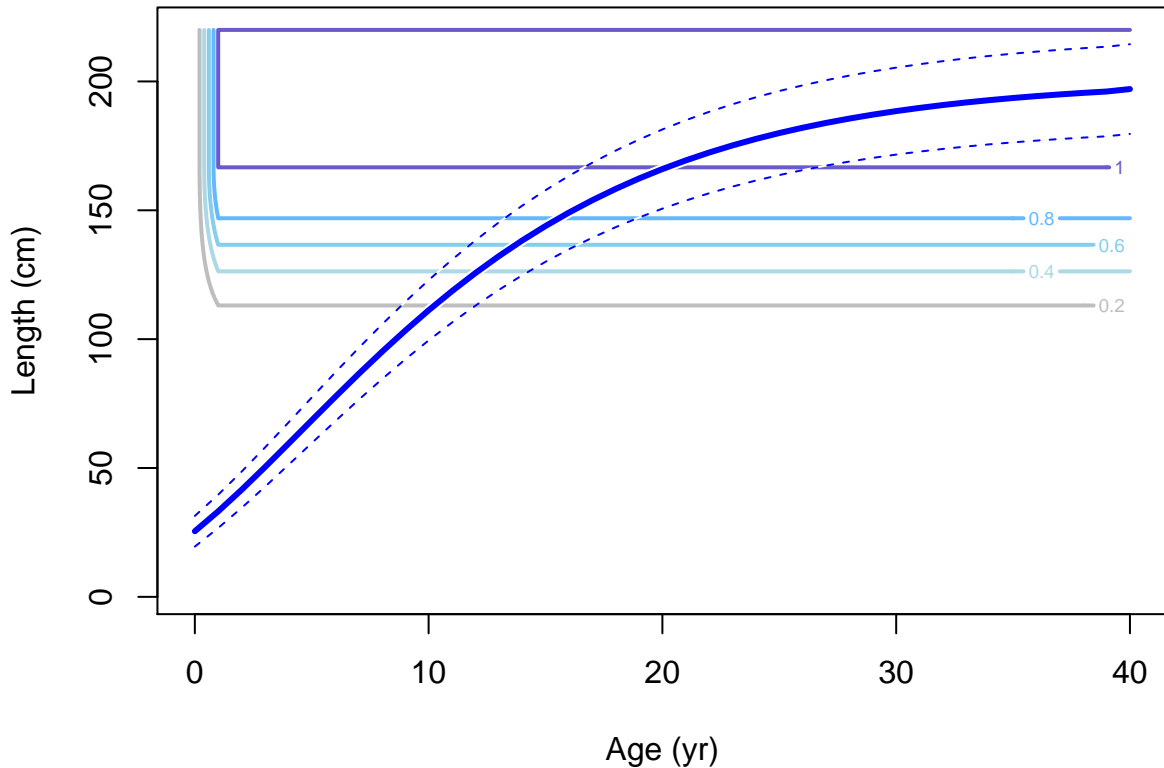
# Male ending year selectivity and growth for A1-LL-w



## Female ending year selectivity and growth for A2-LL-w

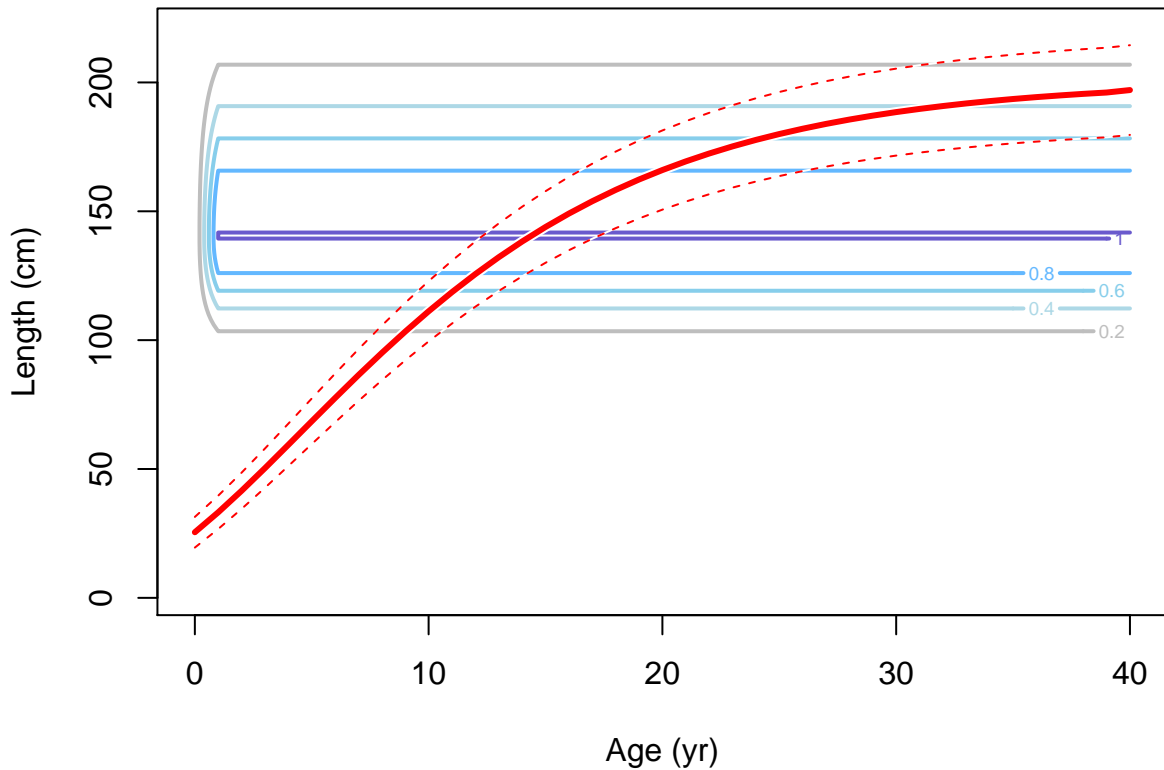


# Male ending year selectivity and growth for A2-LL-w

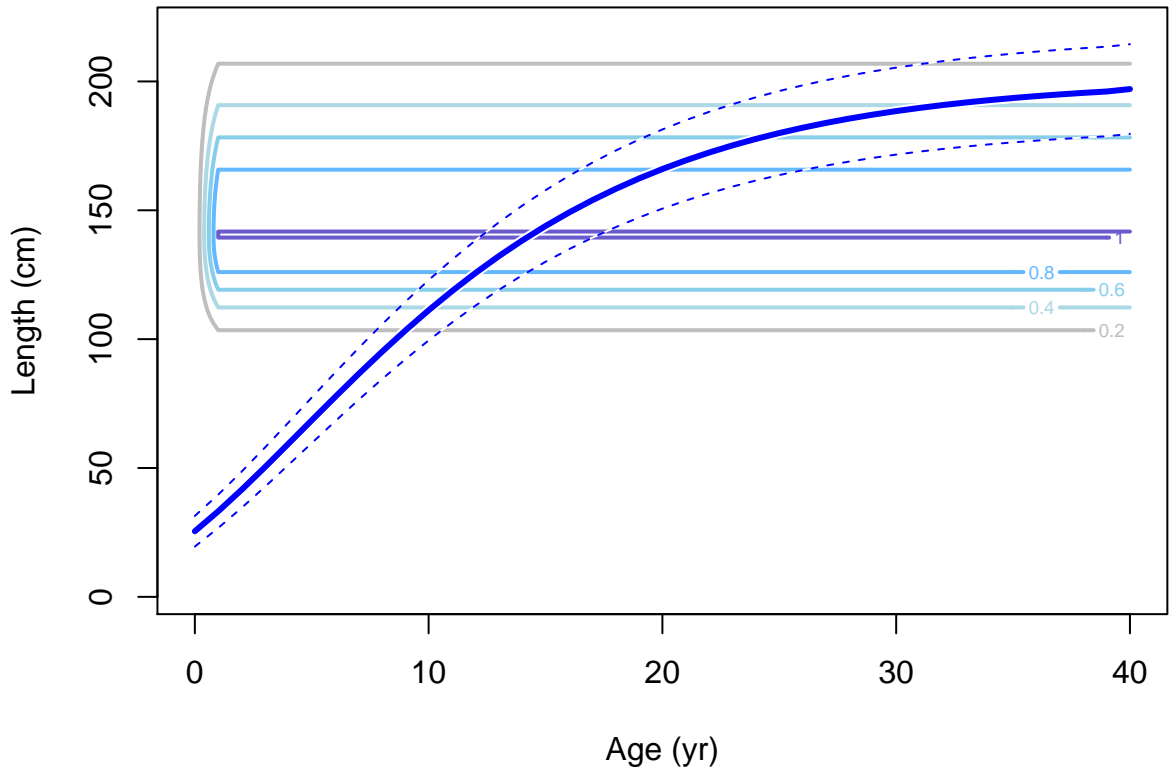




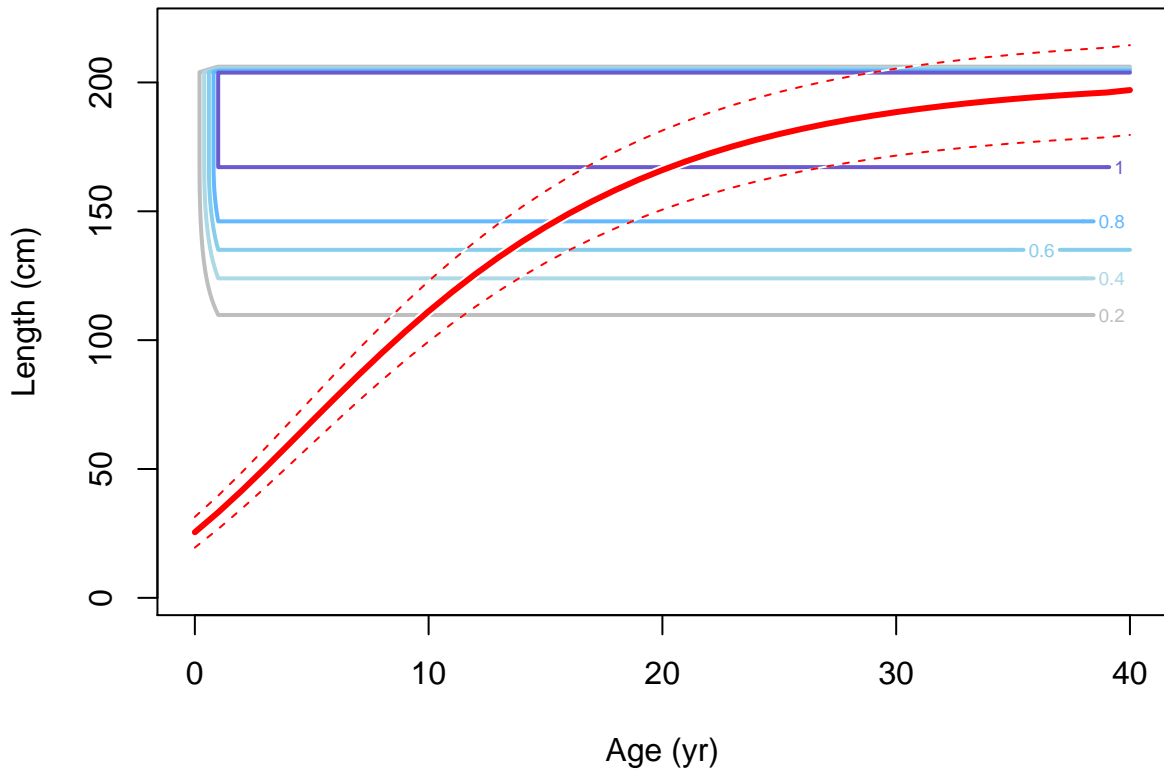
## Female ending year selectivity and growth for A3-LL-w



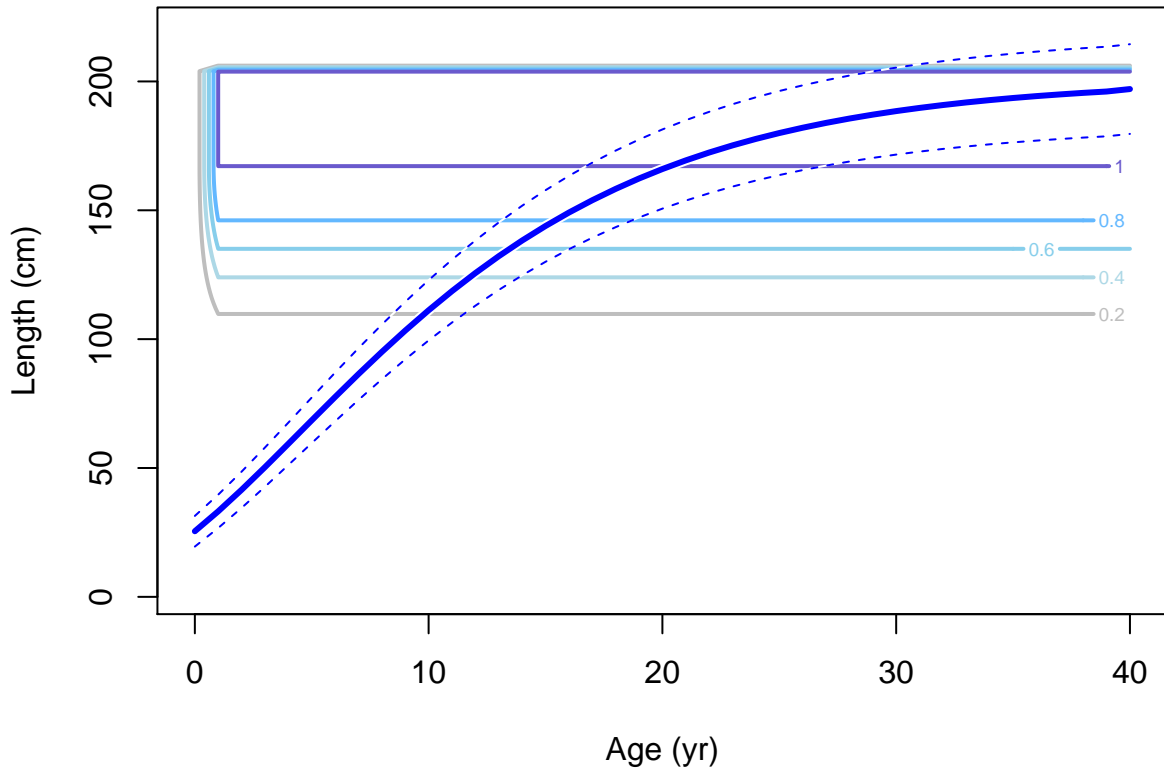
# Male ending year selectivity and growth for A3-LL-w



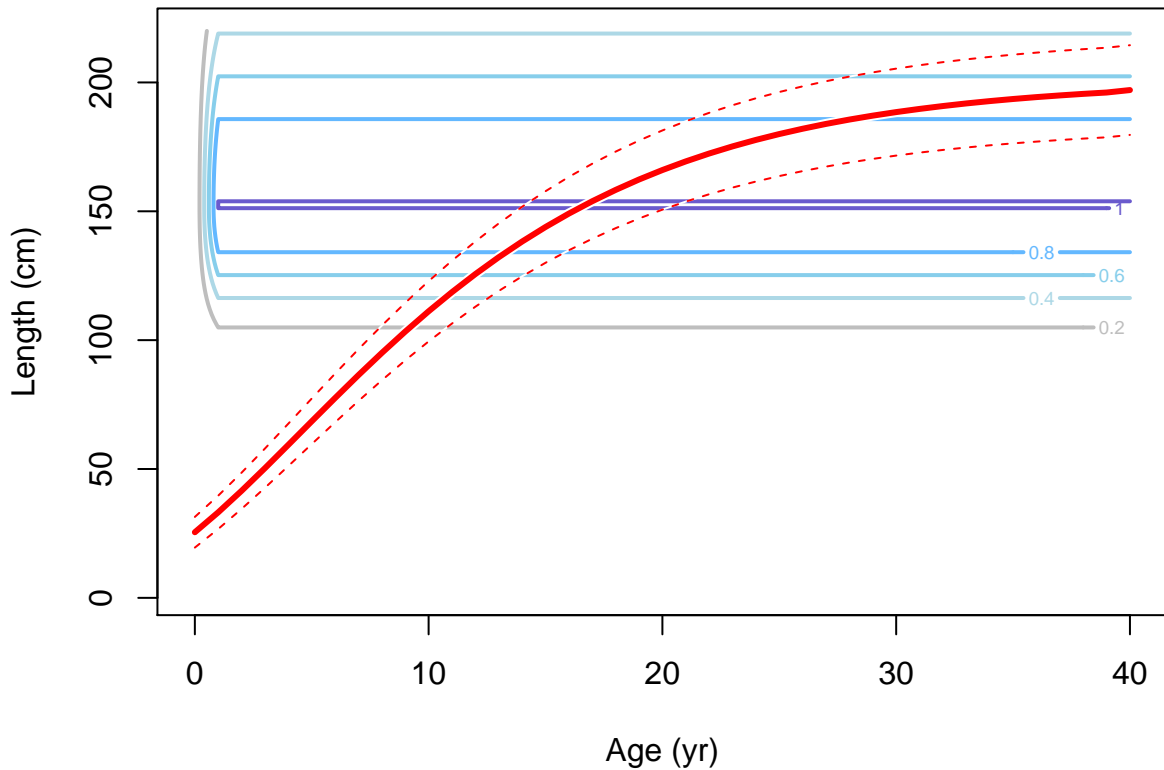
## Female ending year selectivity and growth for A4-LL-w



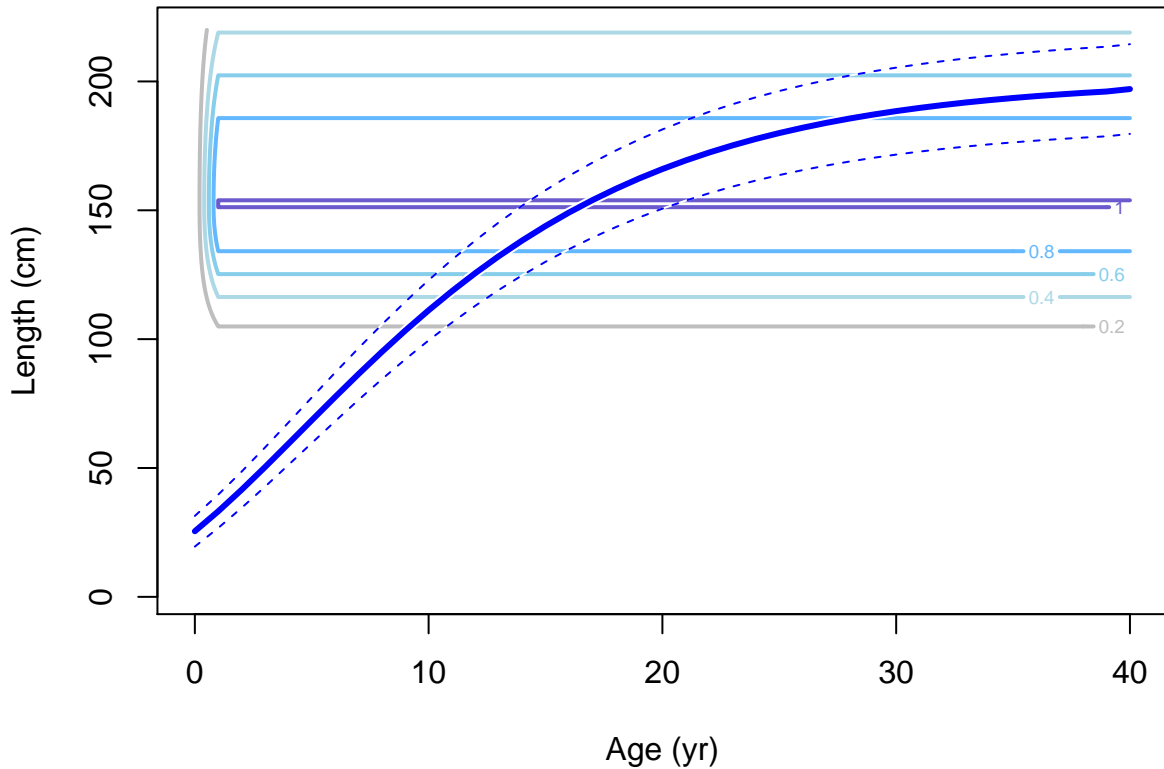
# Male ending year selectivity and growth for A4-LL-w



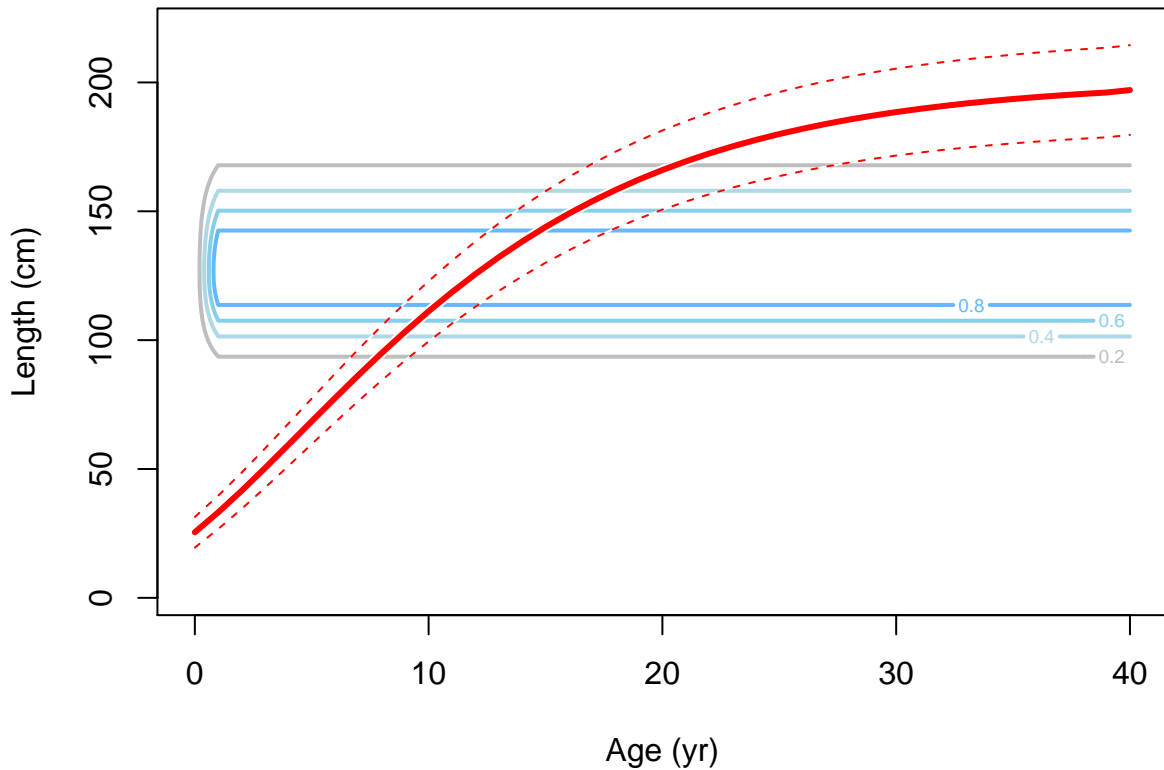
# Female ending year selectivity and growth for A5-LL-w



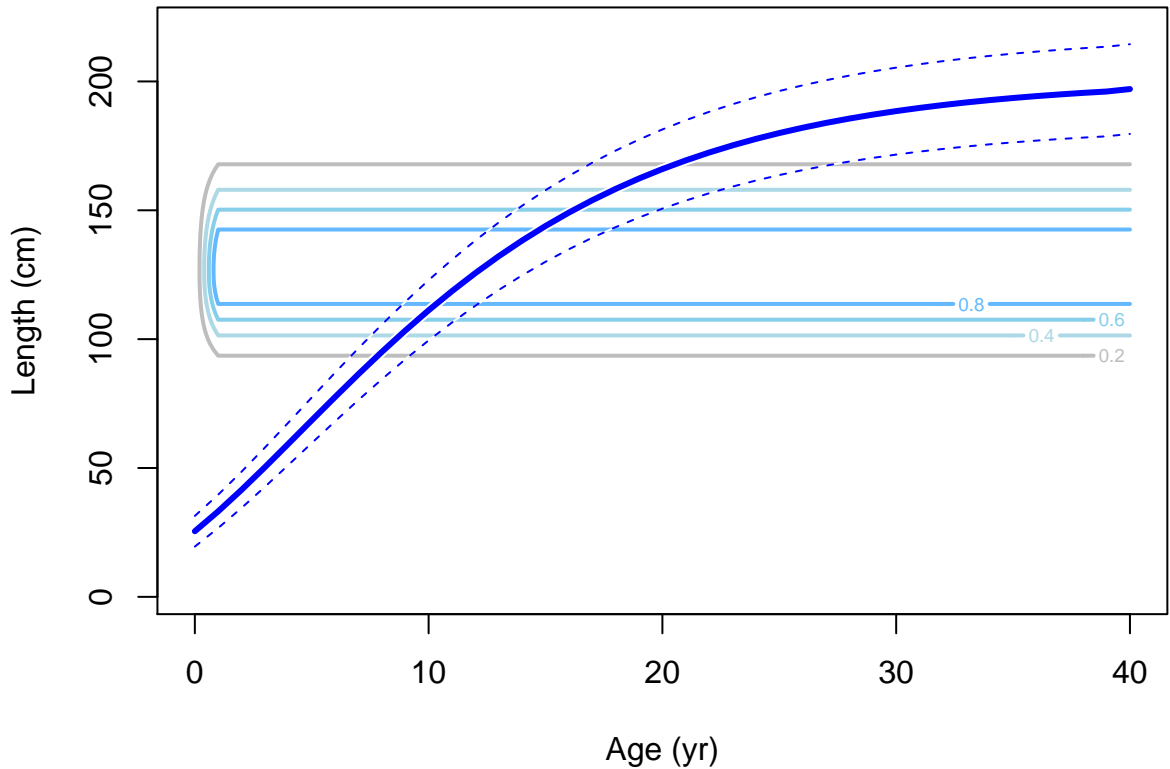
# Male ending year selectivity and growth for A5-LL-w



## Female ending year selectivity and growth for A6-LL-w

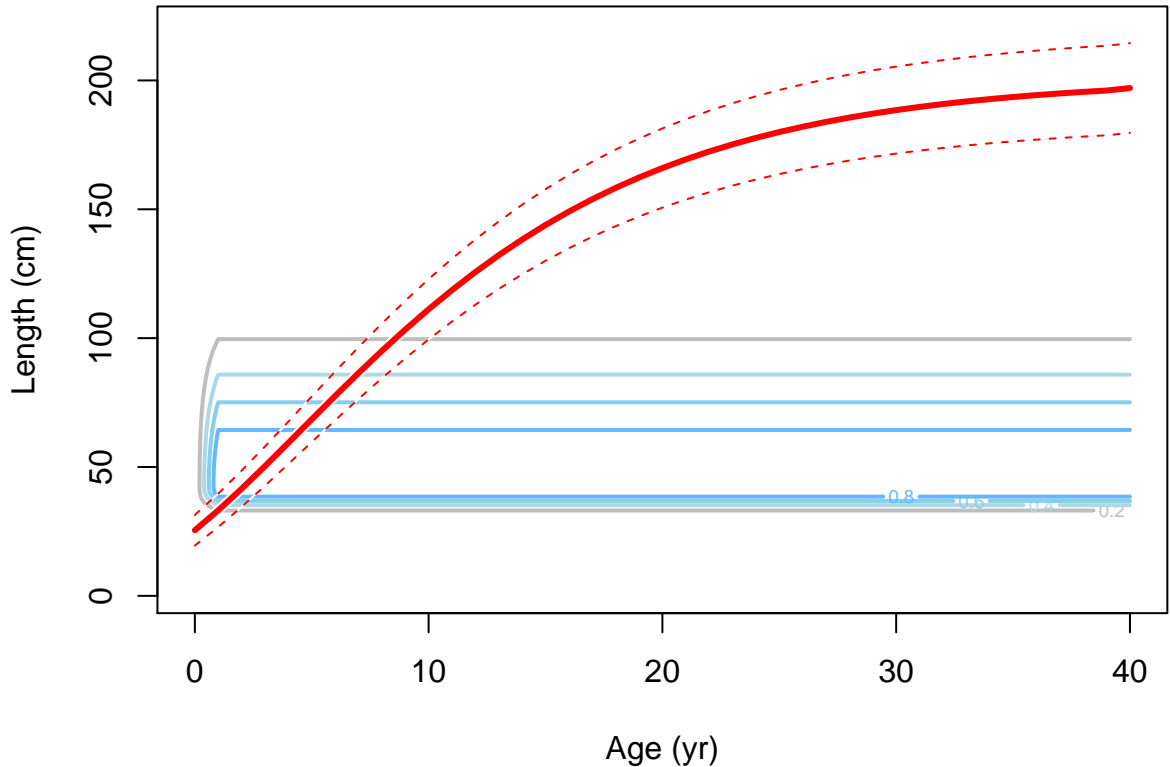


# Male ending year selectivity and growth for A6-LL-w

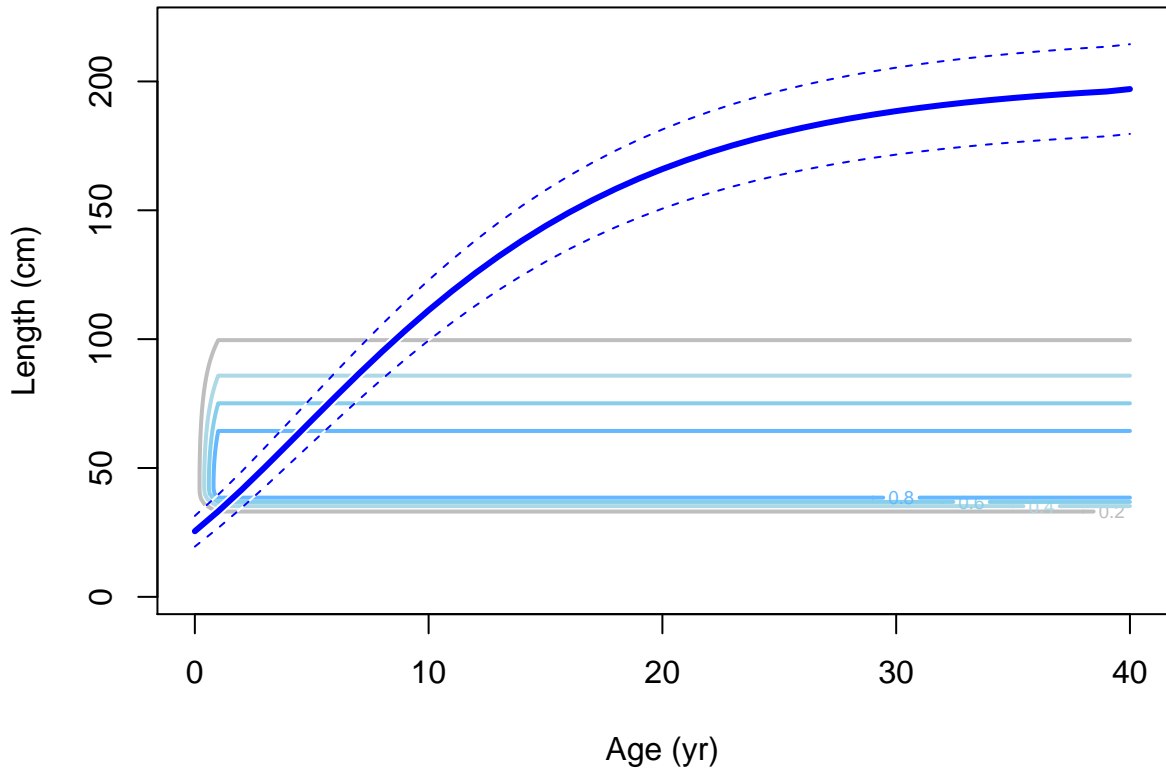




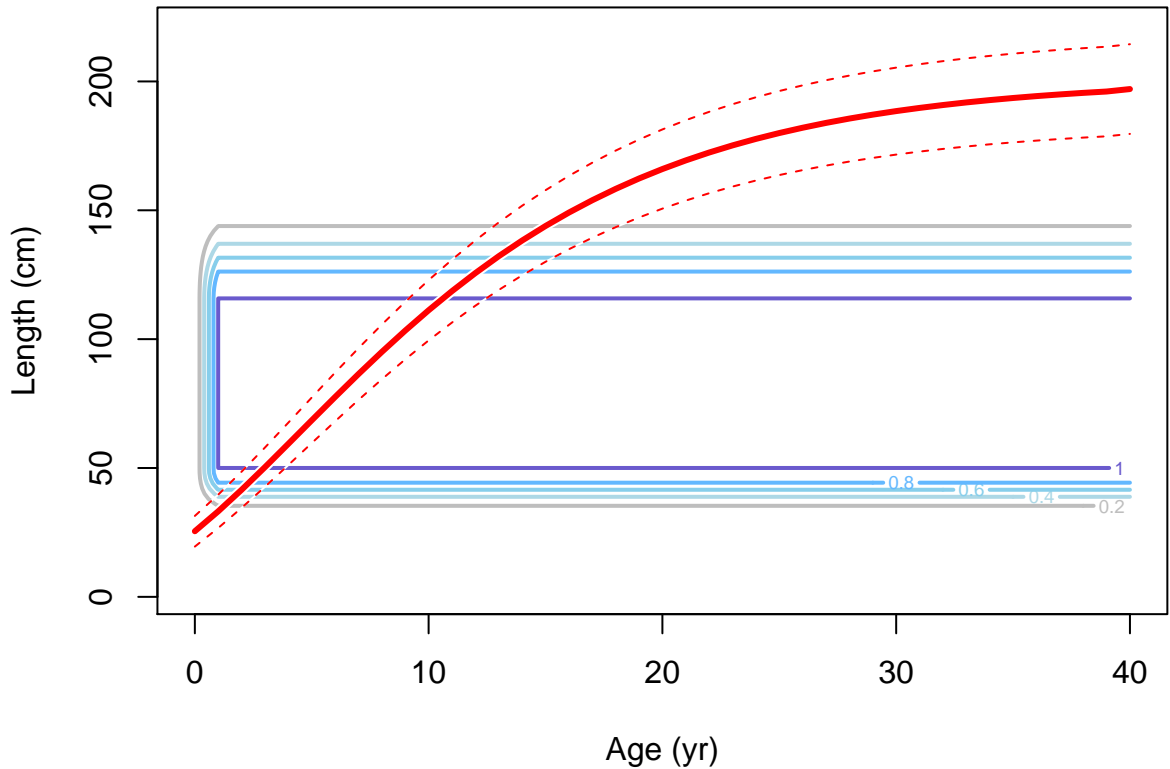
## Female ending year selectivity and growth for A2-OBJ



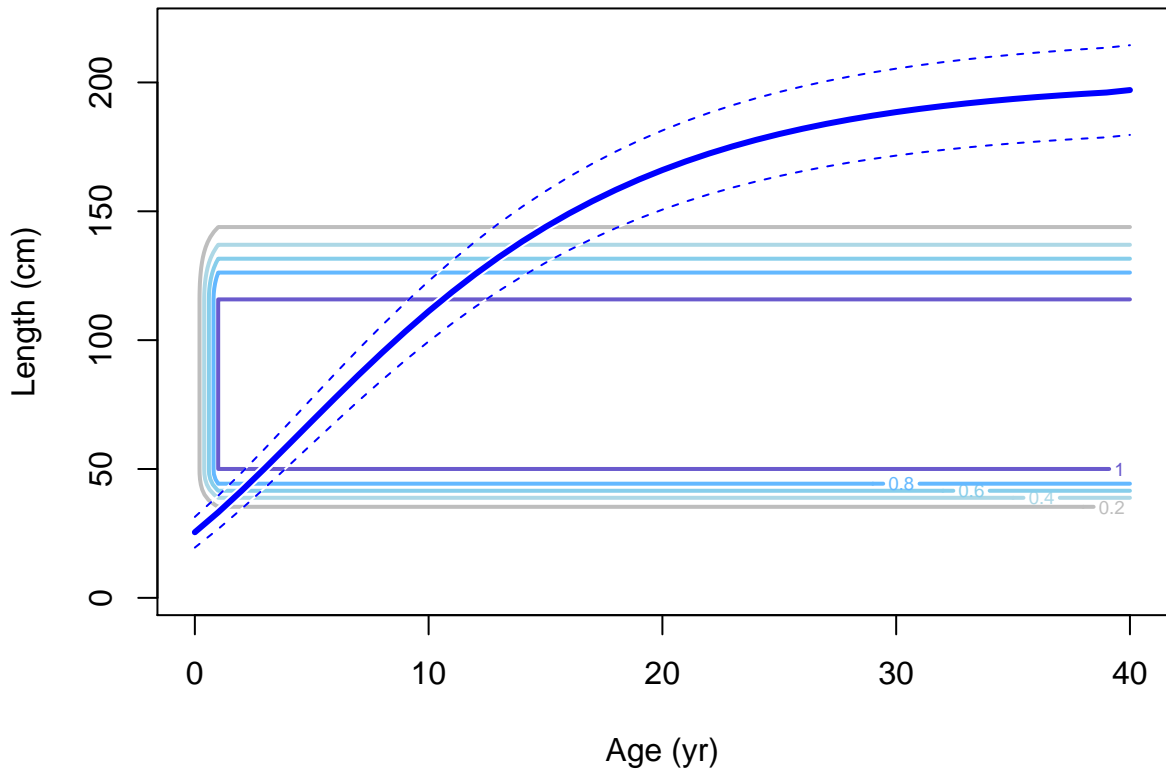
## Male ending year selectivity and growth for A2-OBJ



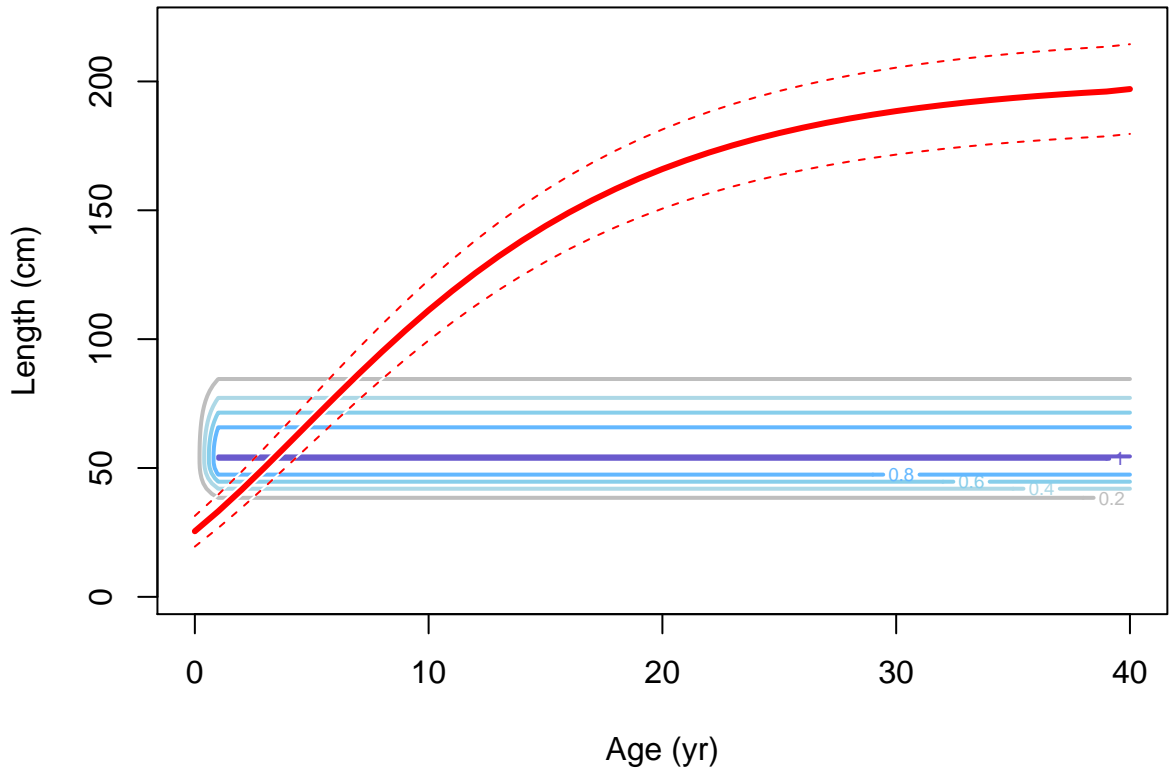
# Female ending year selectivity and growth for A3-OBJ



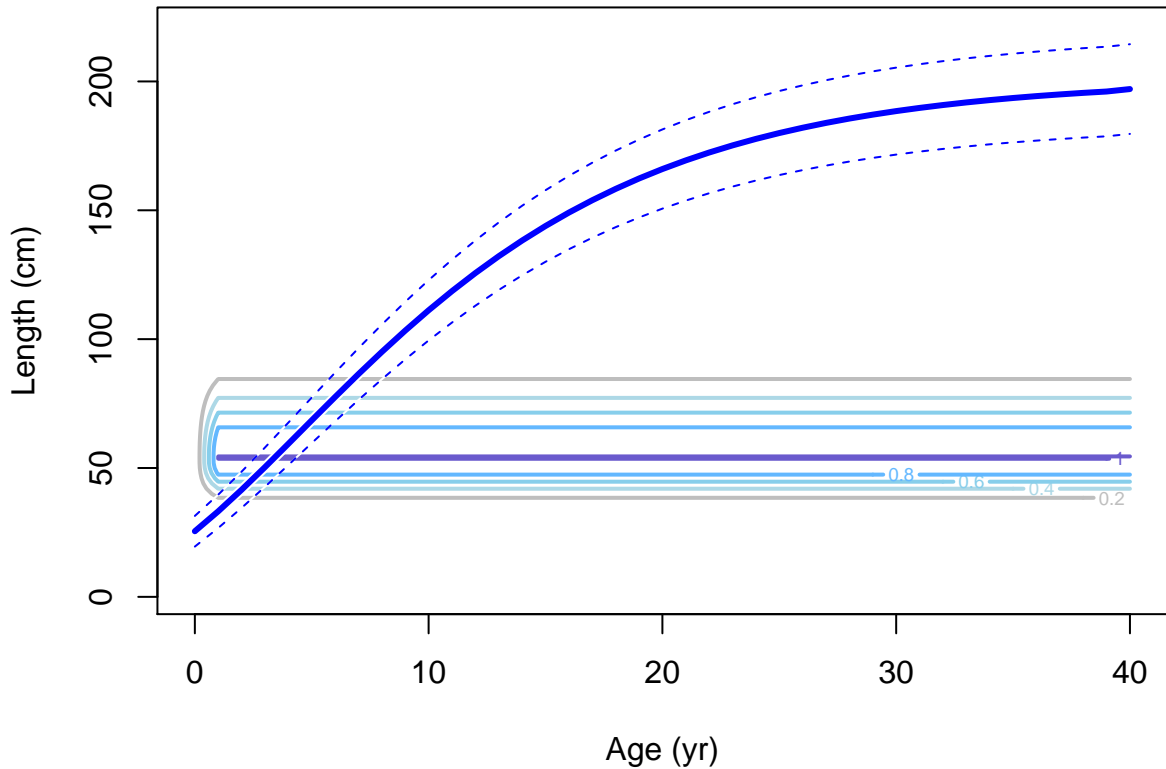
# Male ending year selectivity and growth for A3-OBJ



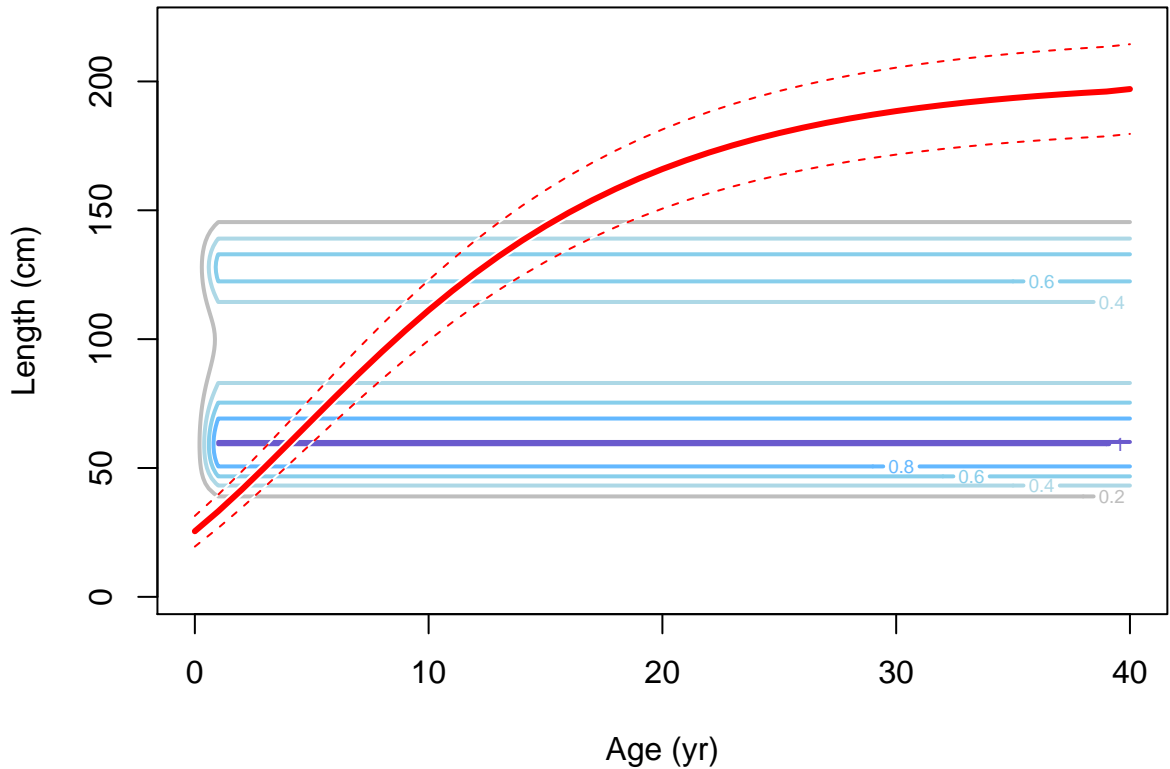
## Female ending year selectivity and growth for A4-OBJ



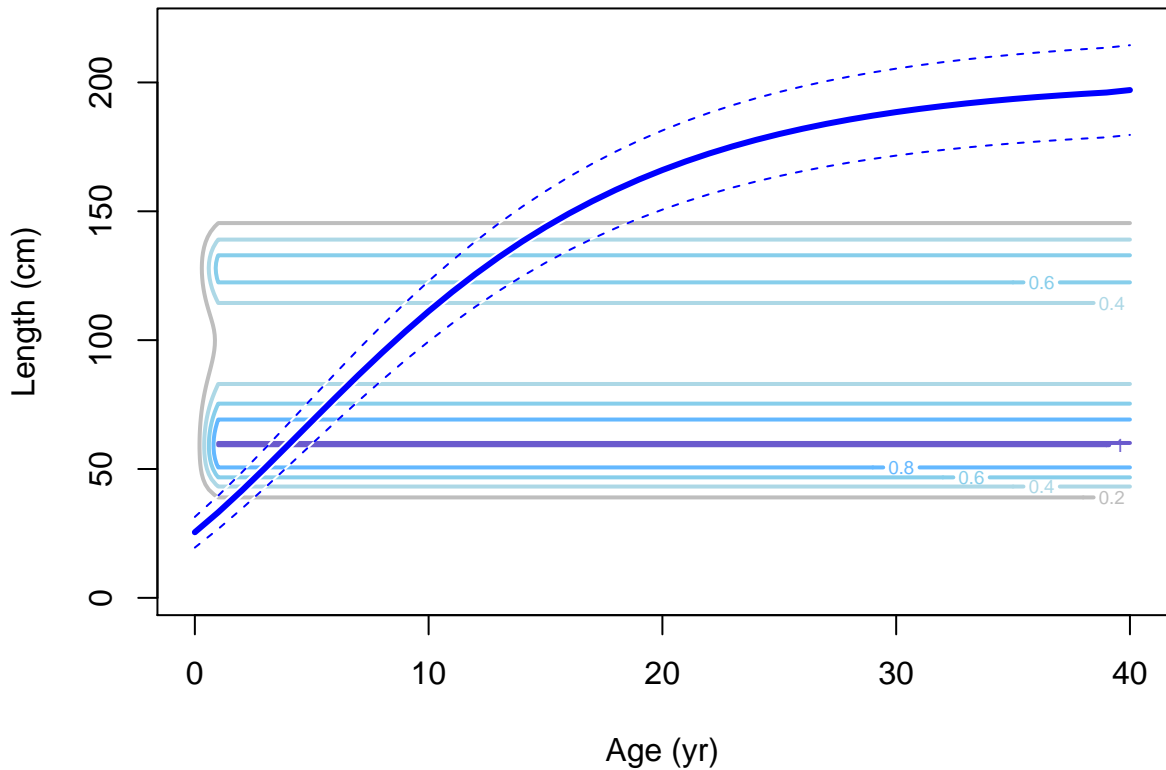
# Male ending year selectivity and growth for A4-OBJ



## Female ending year selectivity and growth for A5-OBJ

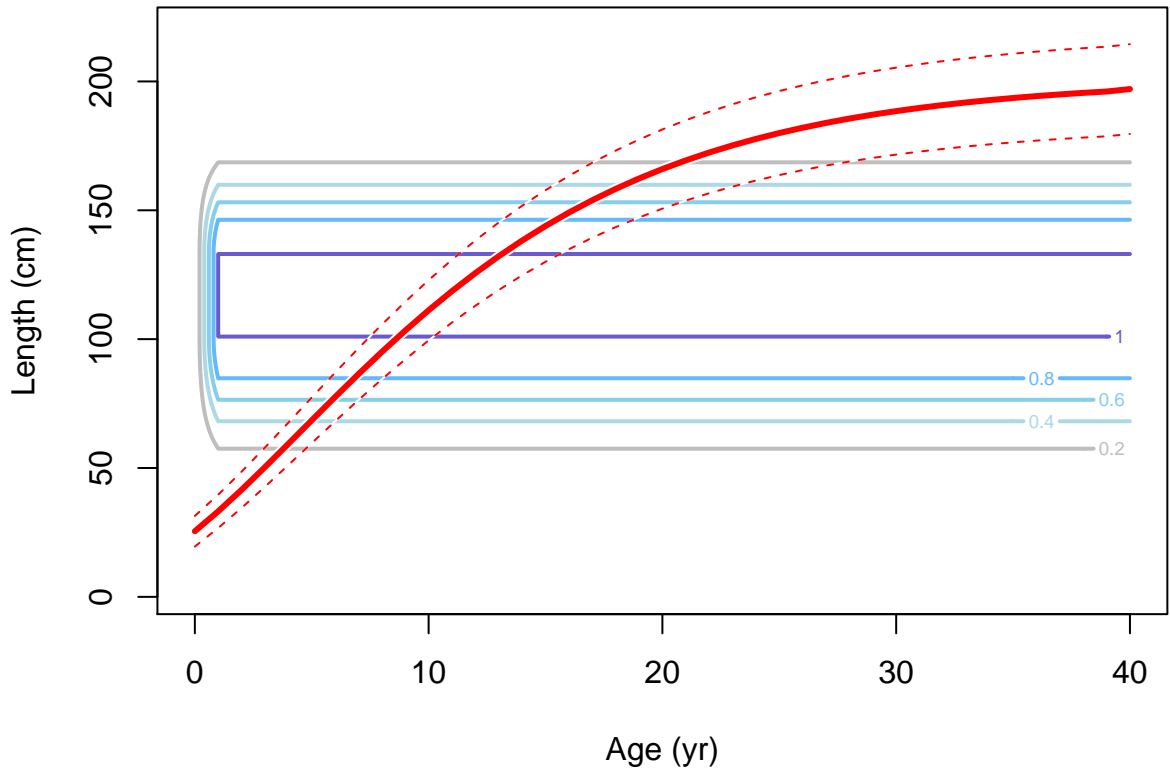


# Male ending year selectivity and growth for A5-OBJ

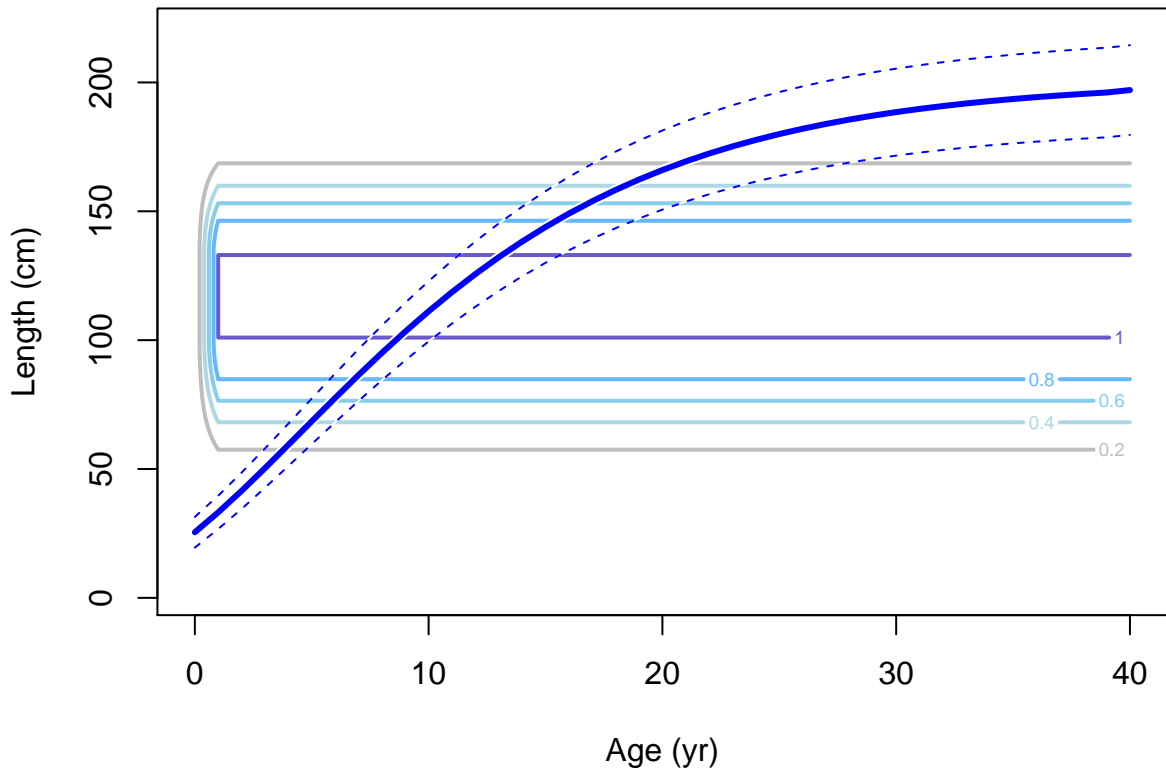




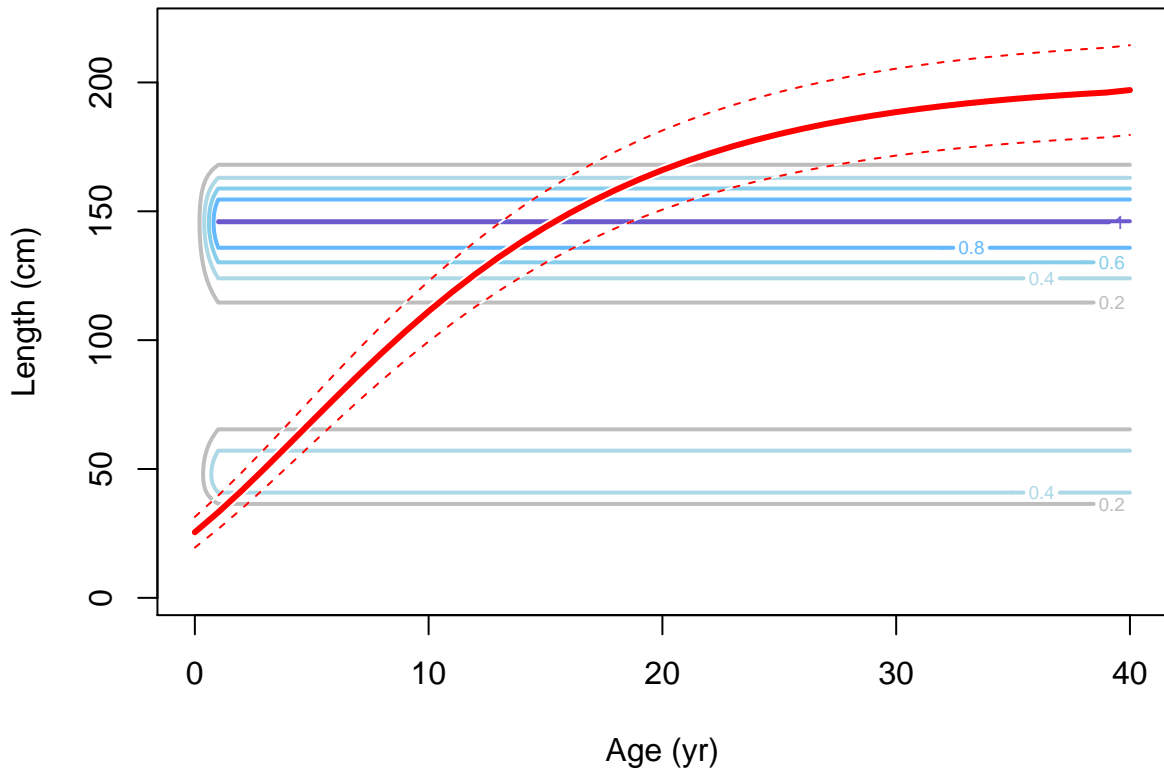
## Female ending year selectivity and growth for A6-OBJ



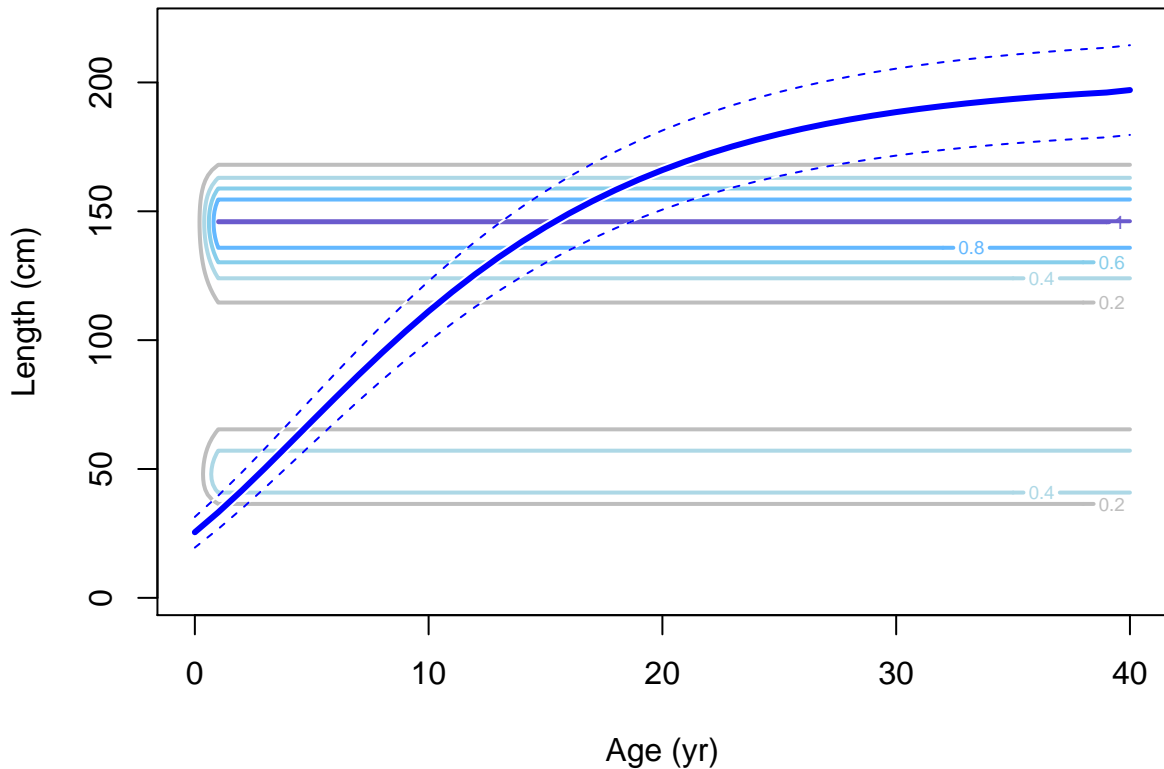
## Male ending year selectivity and growth for A6-OBJ



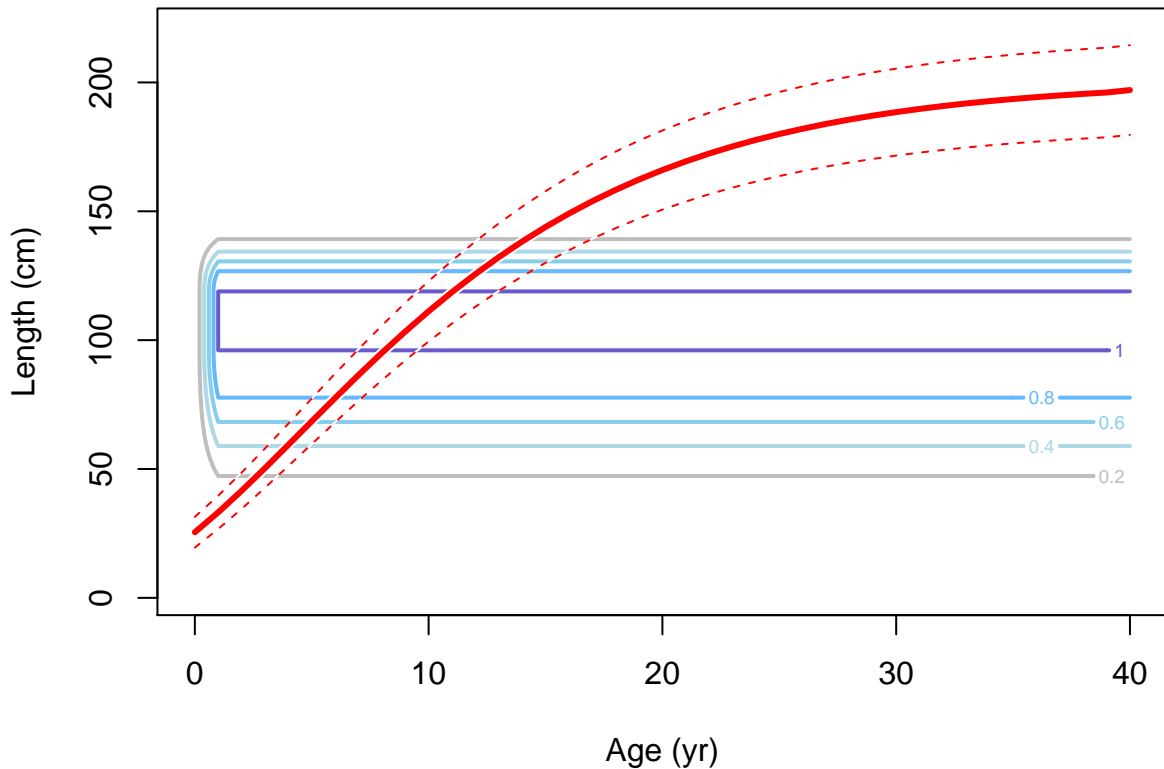
## Female ending year selectivity and growth for A2-NOADEL



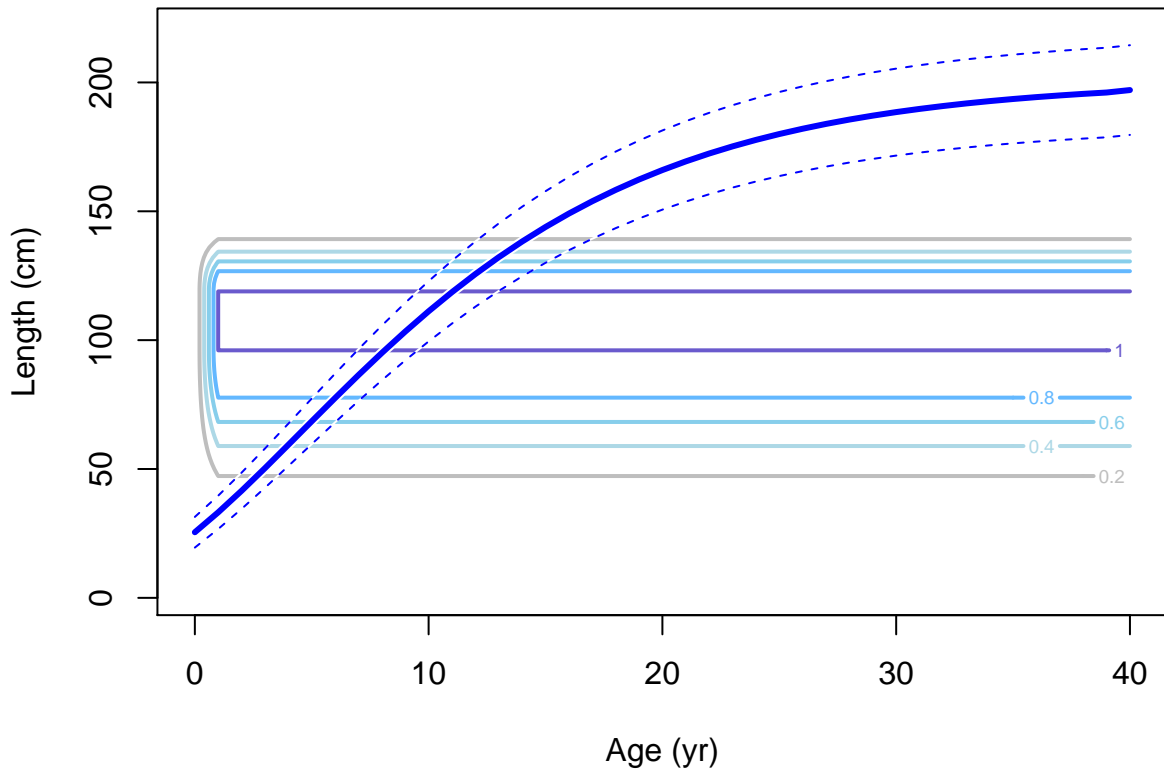
# Male ending year selectivity and growth for A2-NOADEL



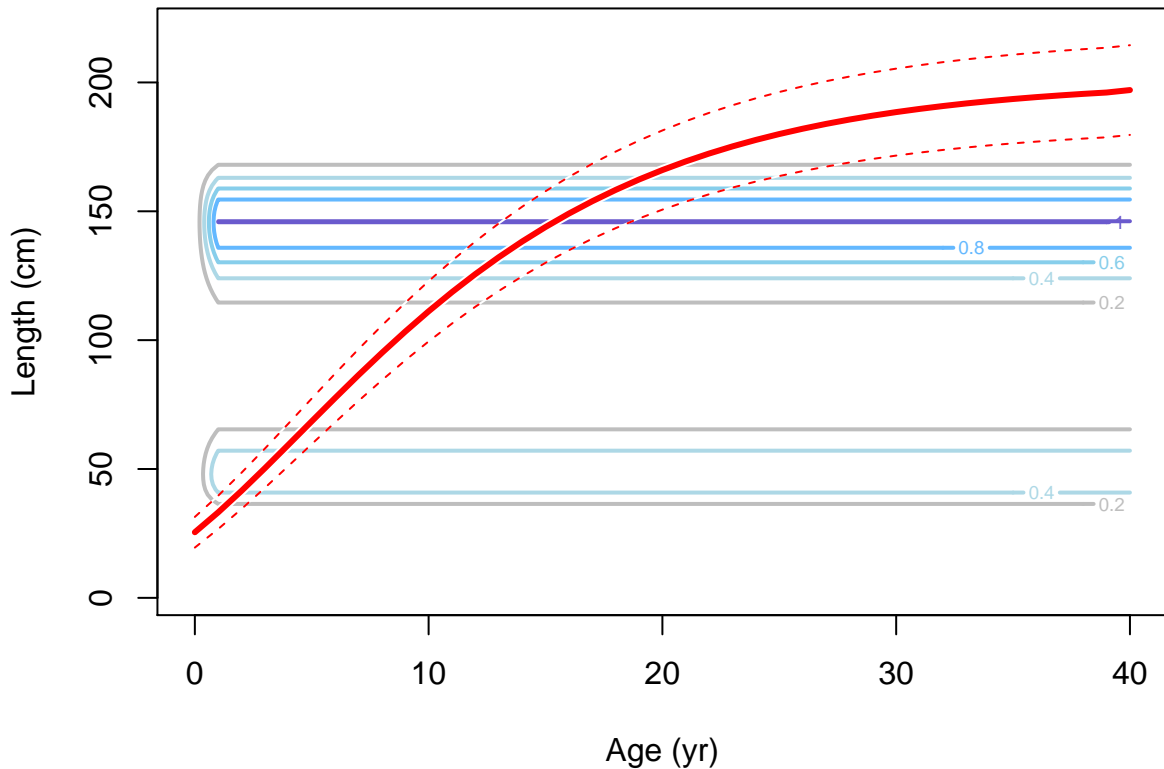
## Female ending year selectivity and growth for A3-NOADEL



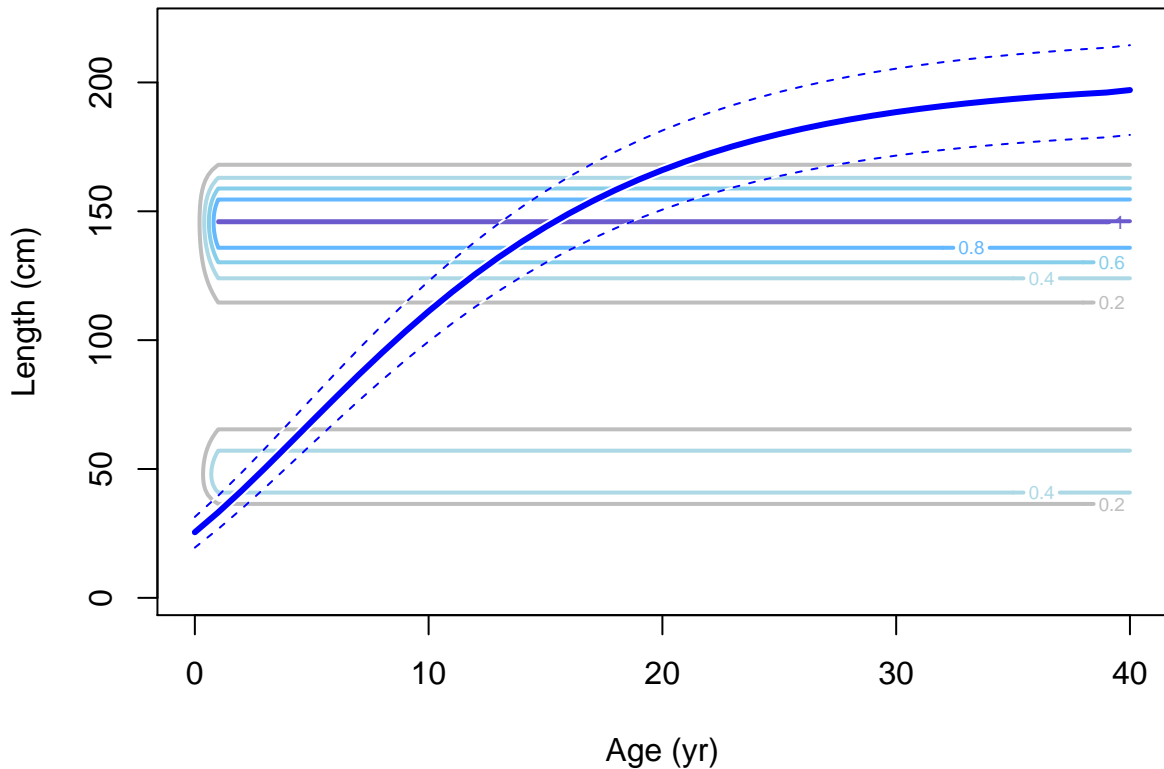
## Male ending year selectivity and growth for A3-NOADEL



## Female ending year selectivity and growth for A4-NOADEL

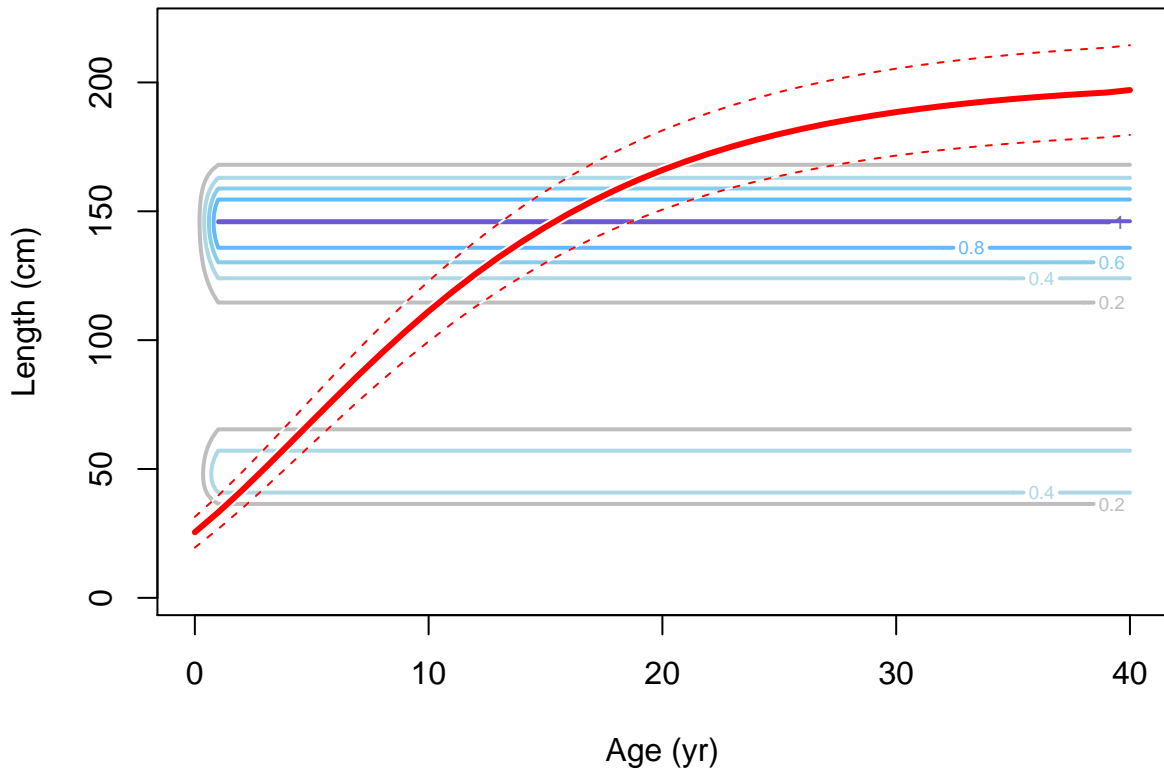


# Male ending year selectivity and growth for A4-NOADEL

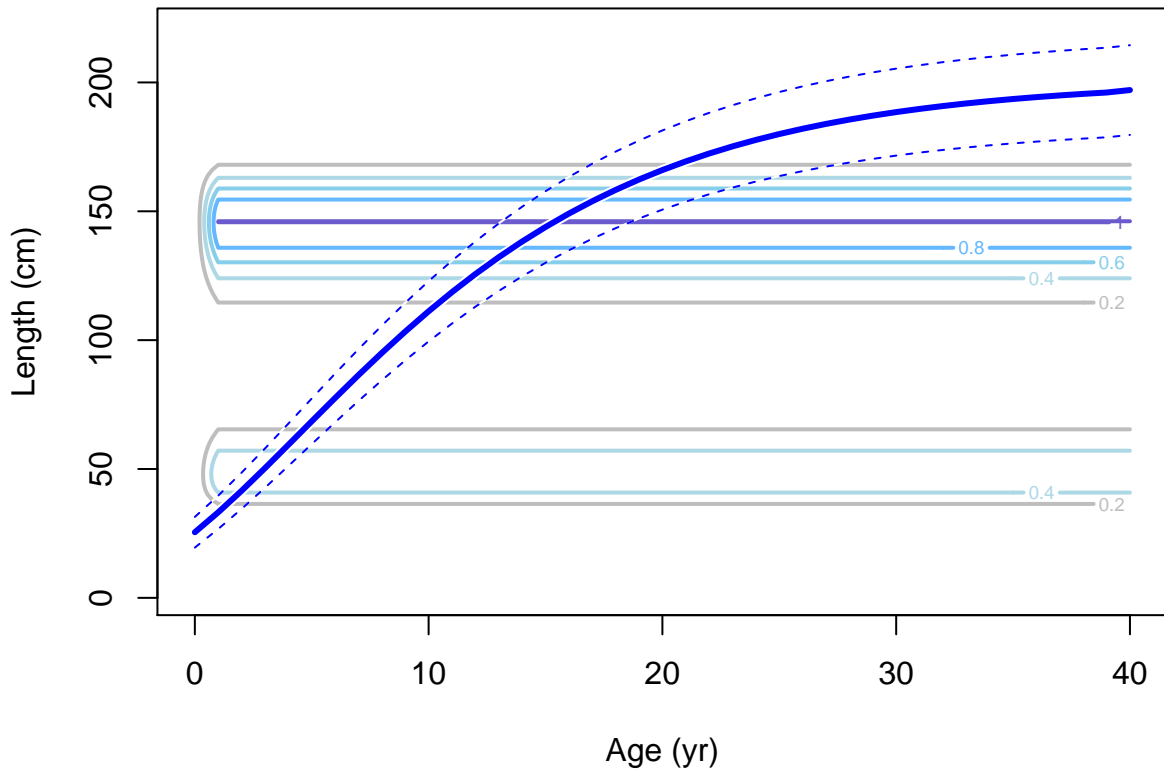




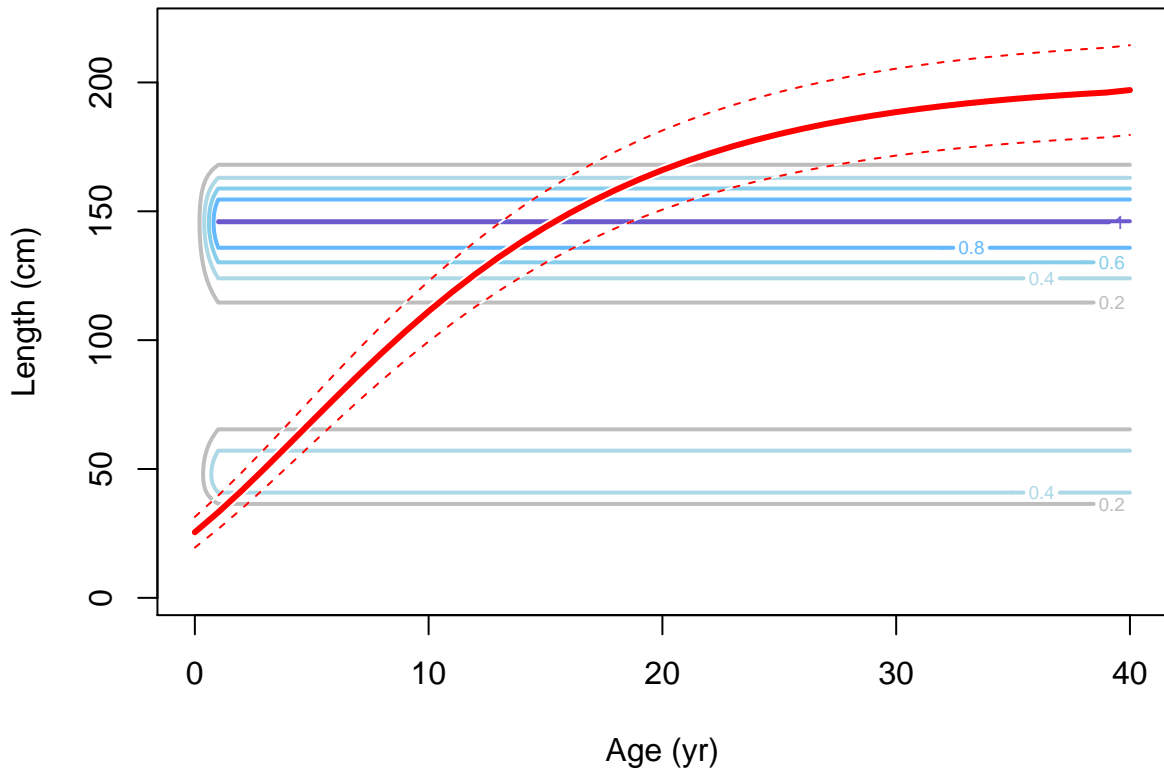
## Female ending year selectivity and growth for A5-NOADEL



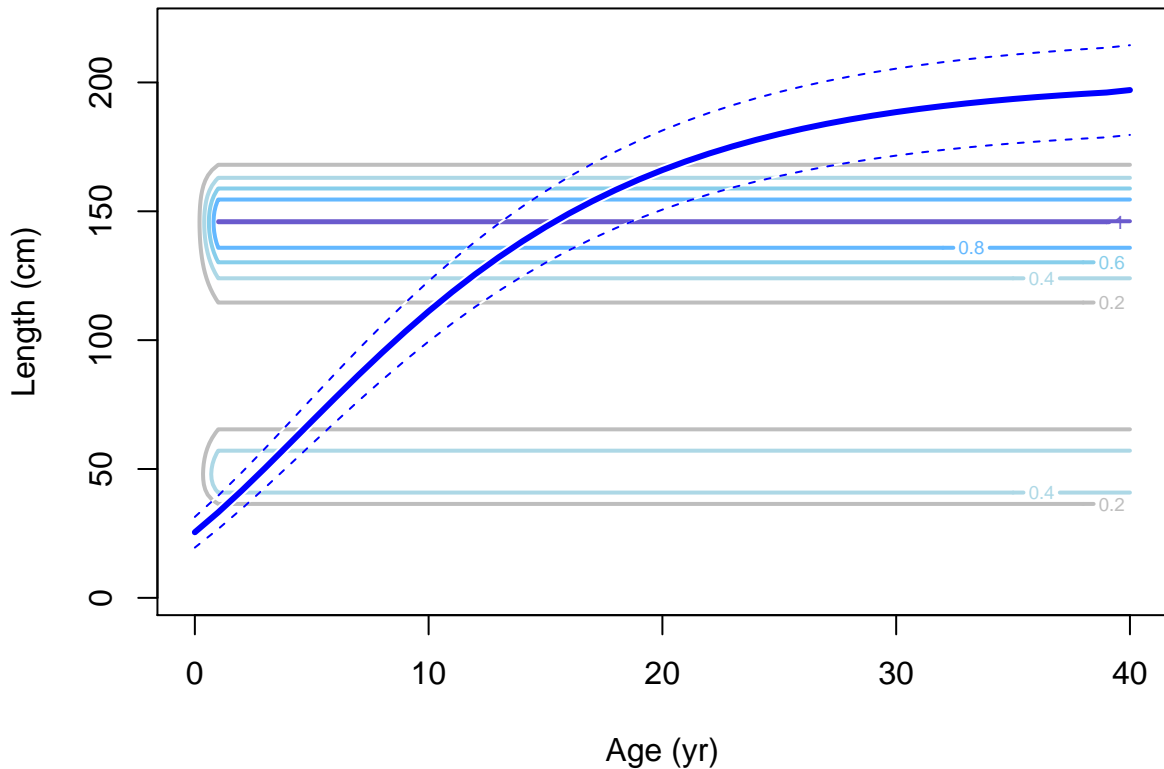
# Male ending year selectivity and growth for A5-NOADEL



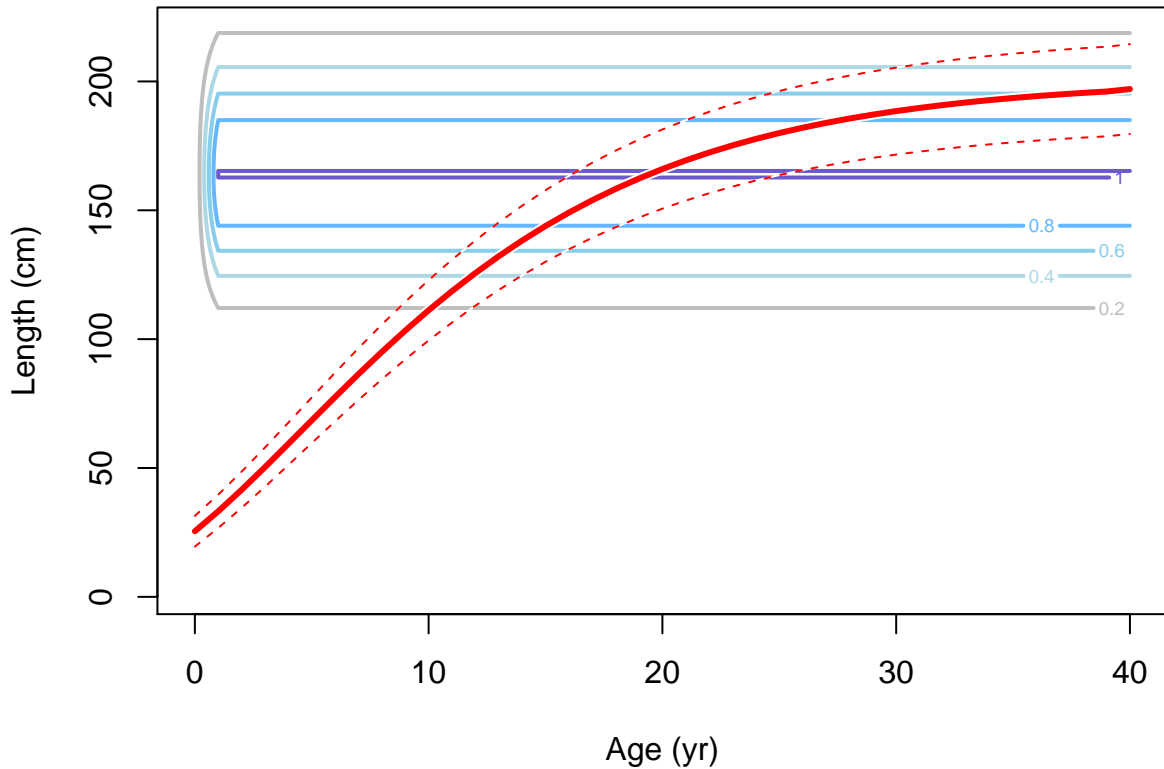
## Female ending year selectivity and growth for A6-NOADEL



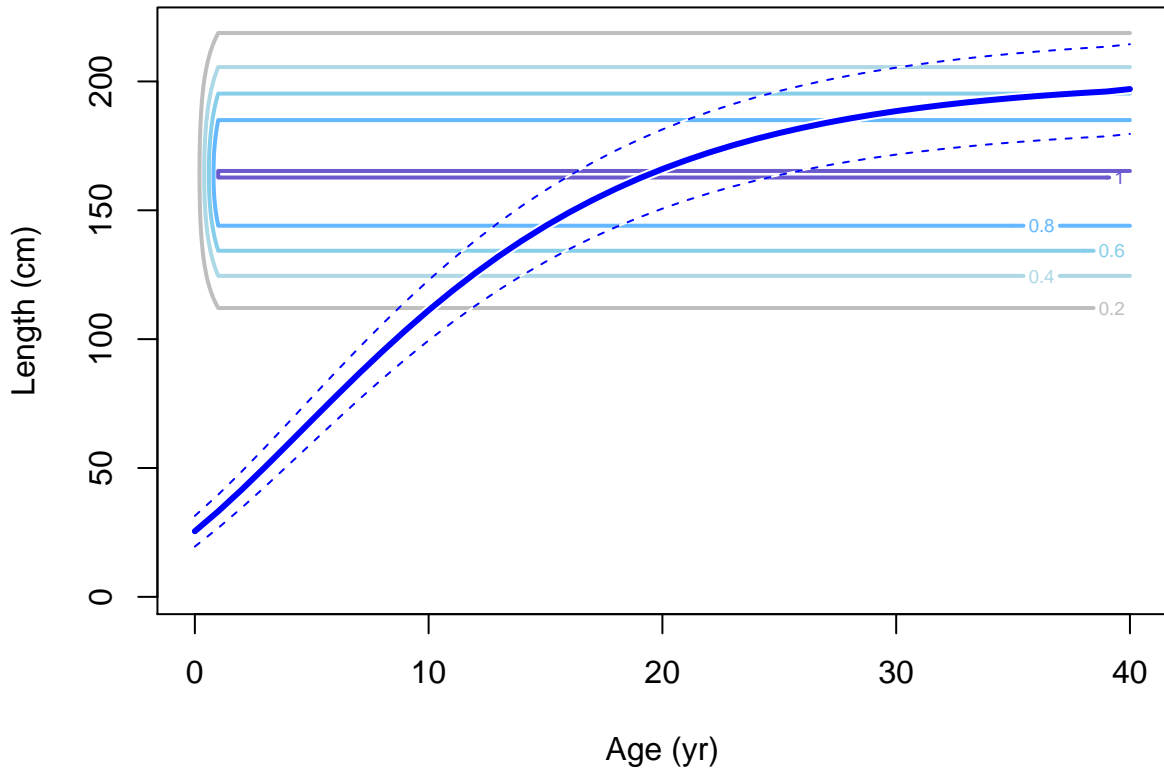
# Male ending year selectivity and growth for A6-NOADEL



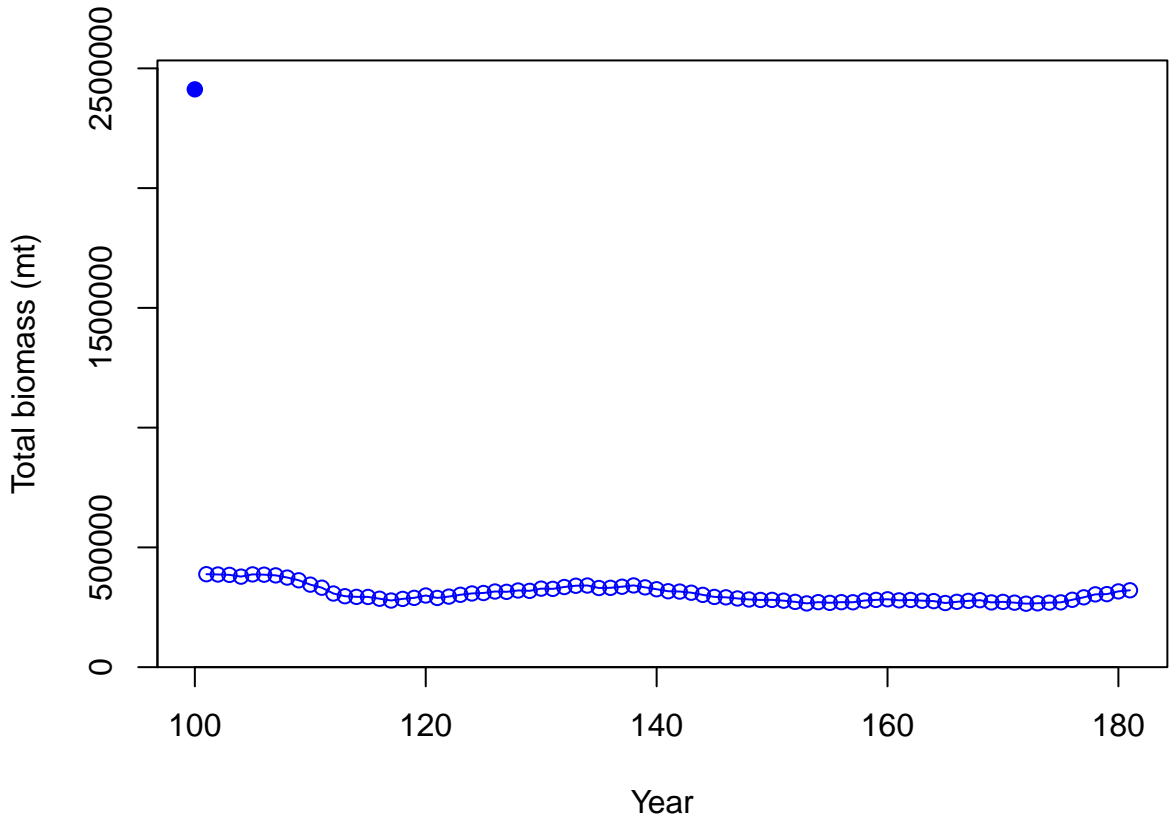
# Female ending year selectivity and growth for EPO-LL-survey-late



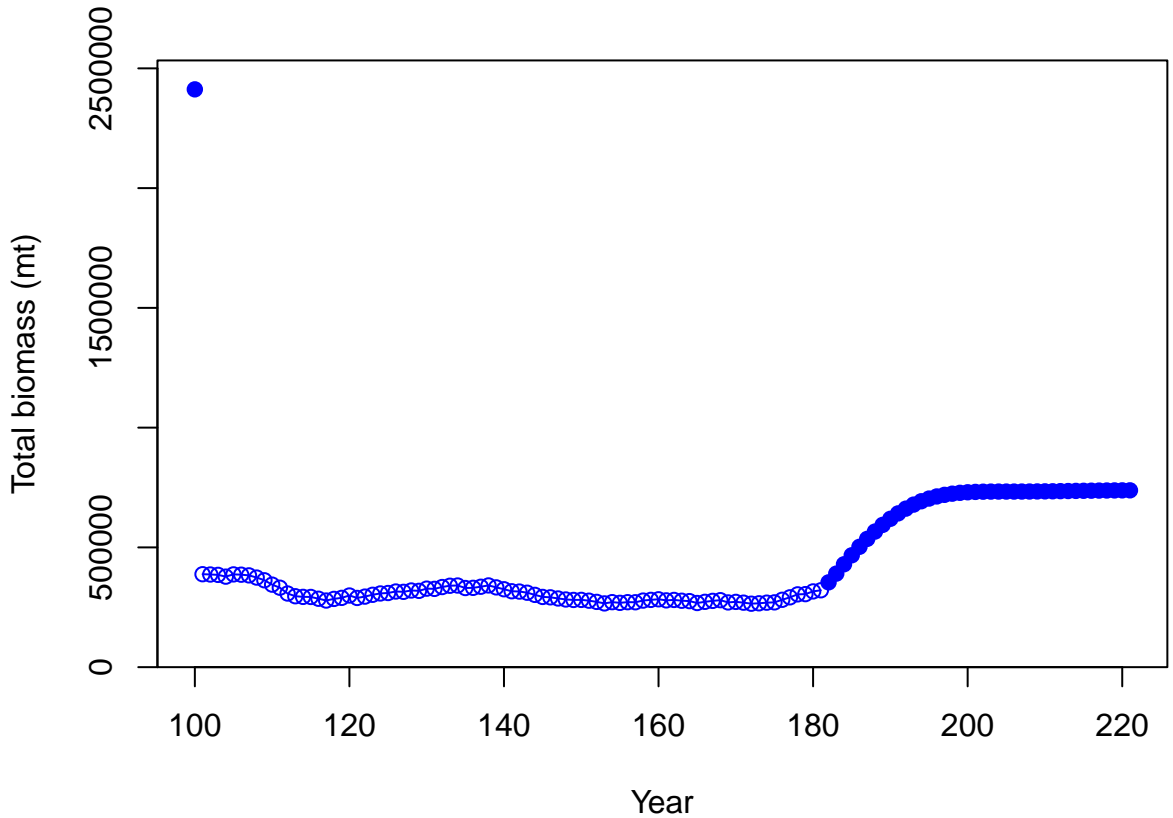
# Male ending year selectivity and growth for EPO-LL-survey-late



# Total biomass (mt)

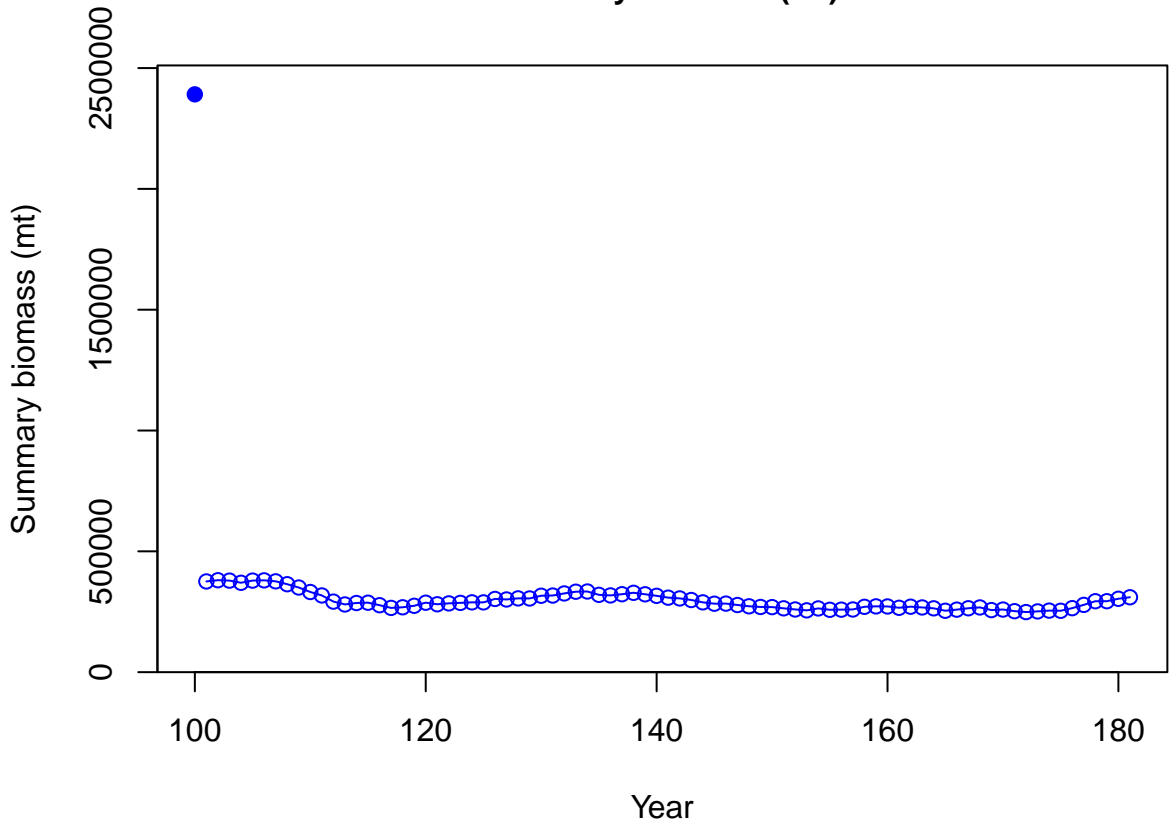


Total biomass (mt) with forecast

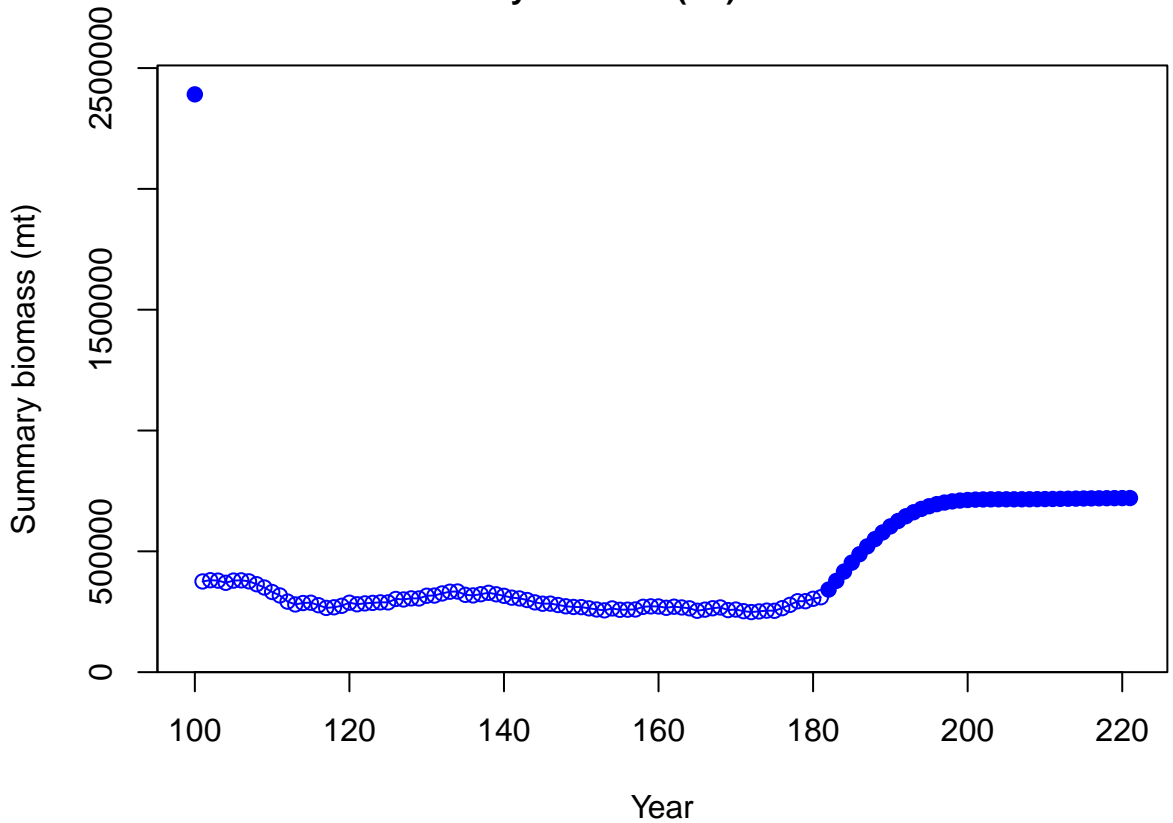




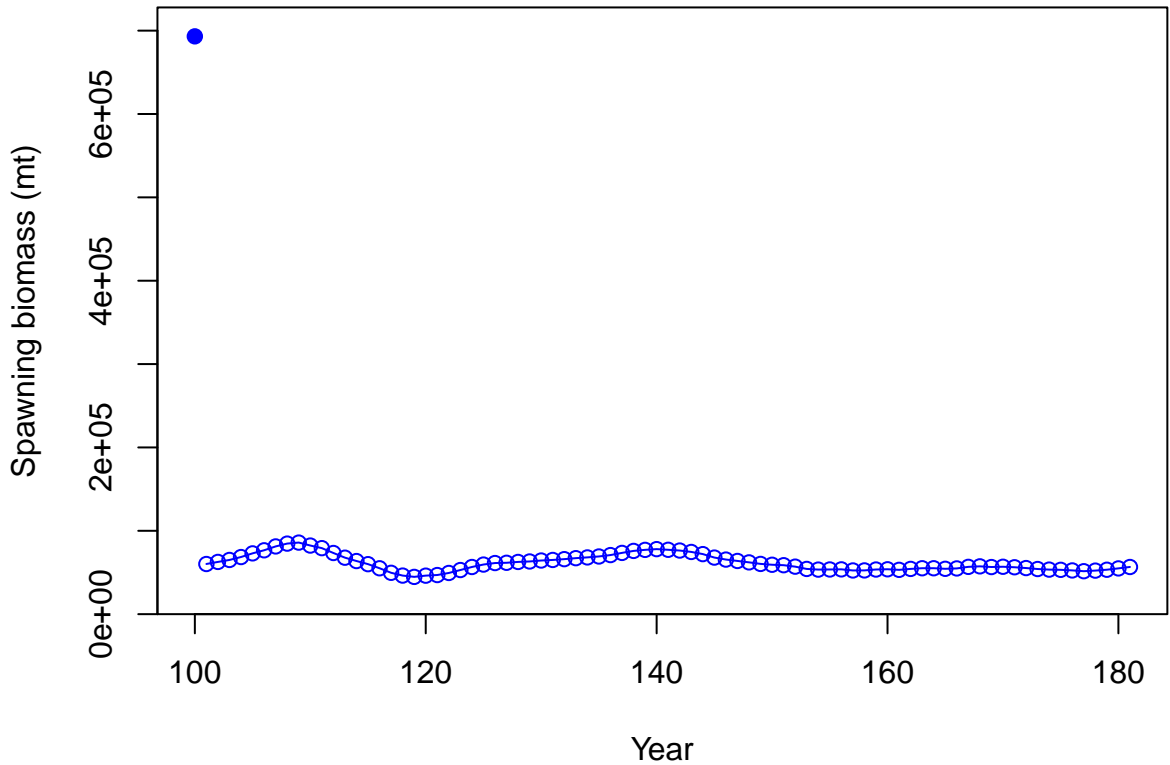
# Summary biomass (mt)



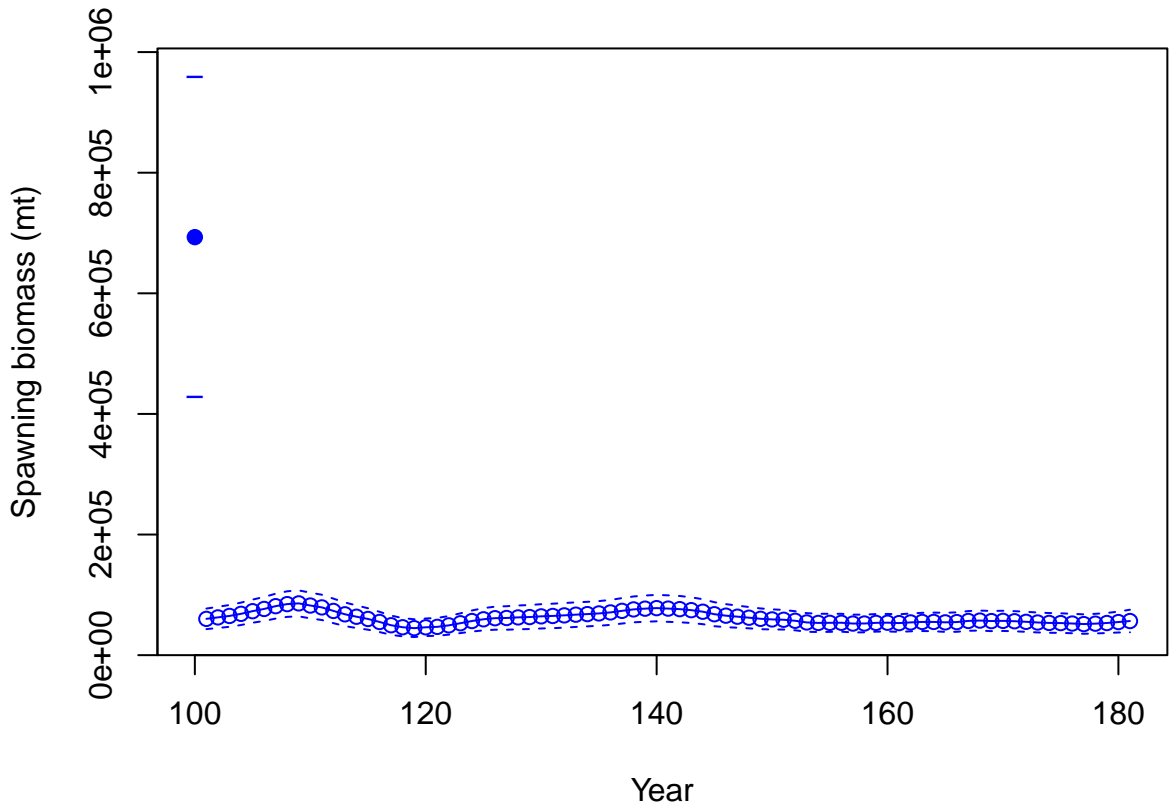
Summary biomass (mt) with forecast



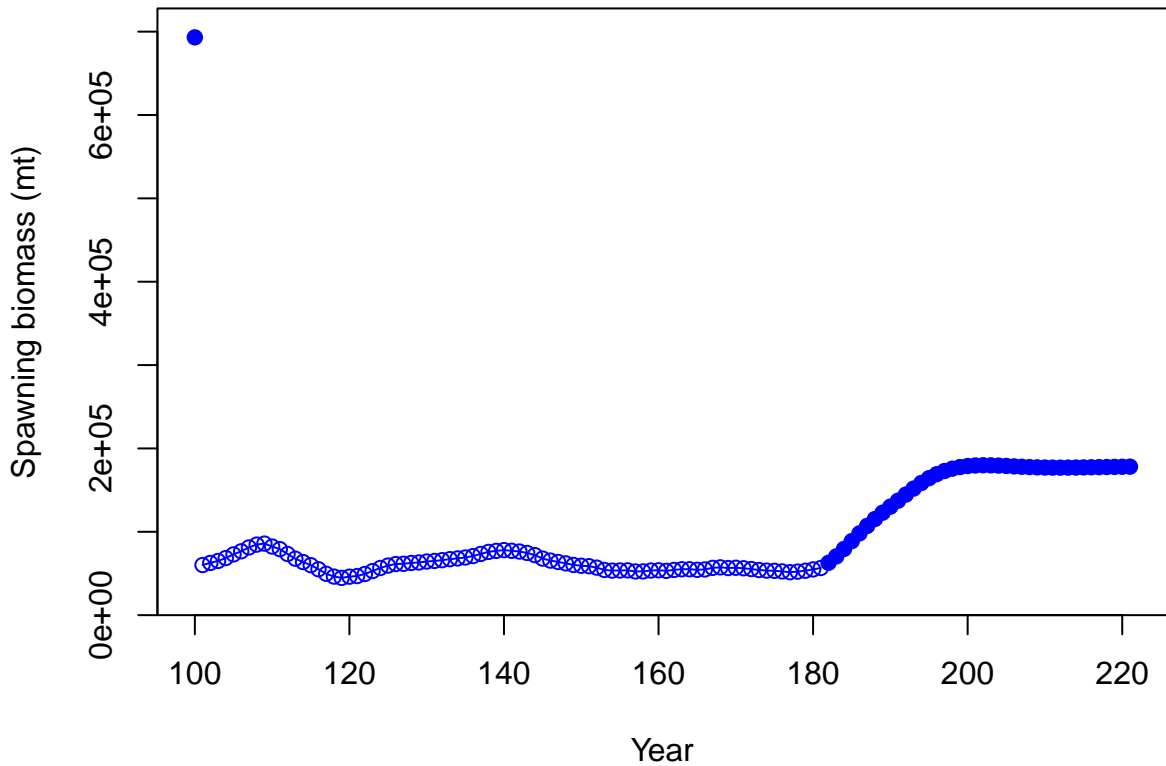
# Spawning biomass (mt)



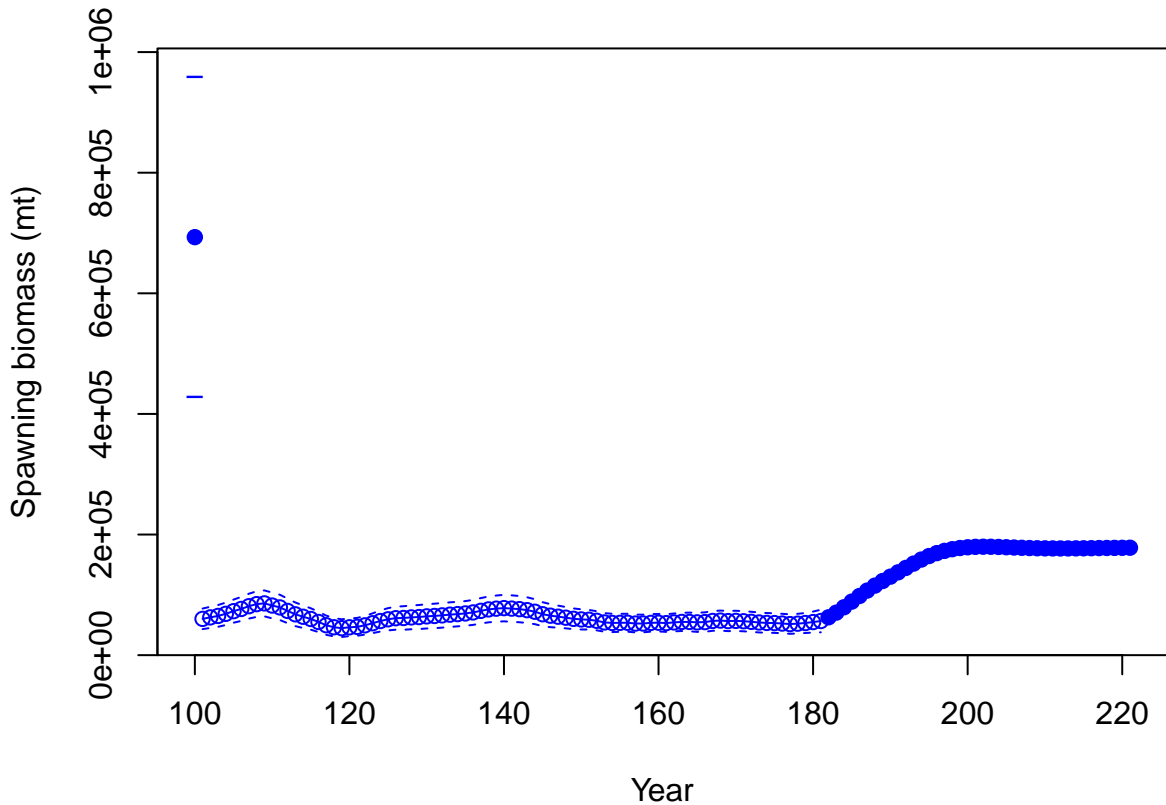
# Spawning biomass (mt) with ~95% asymptotic intervals



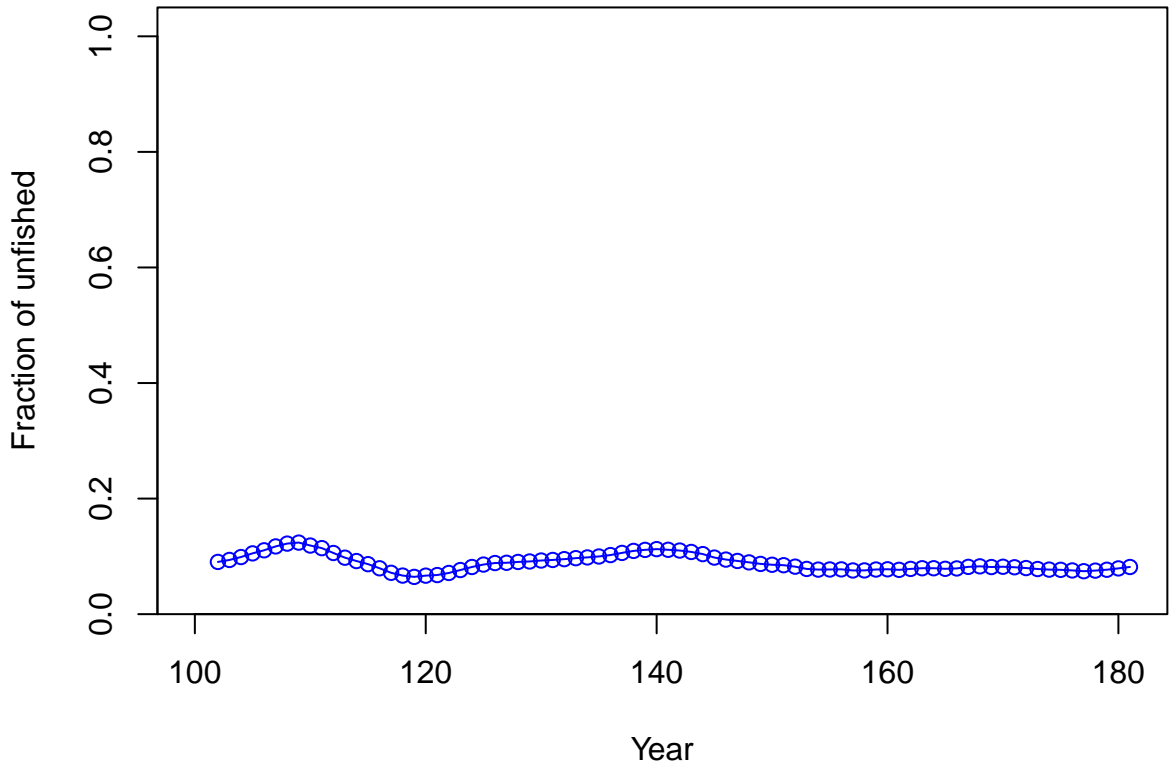
## Spawning biomass (mt) with forecast



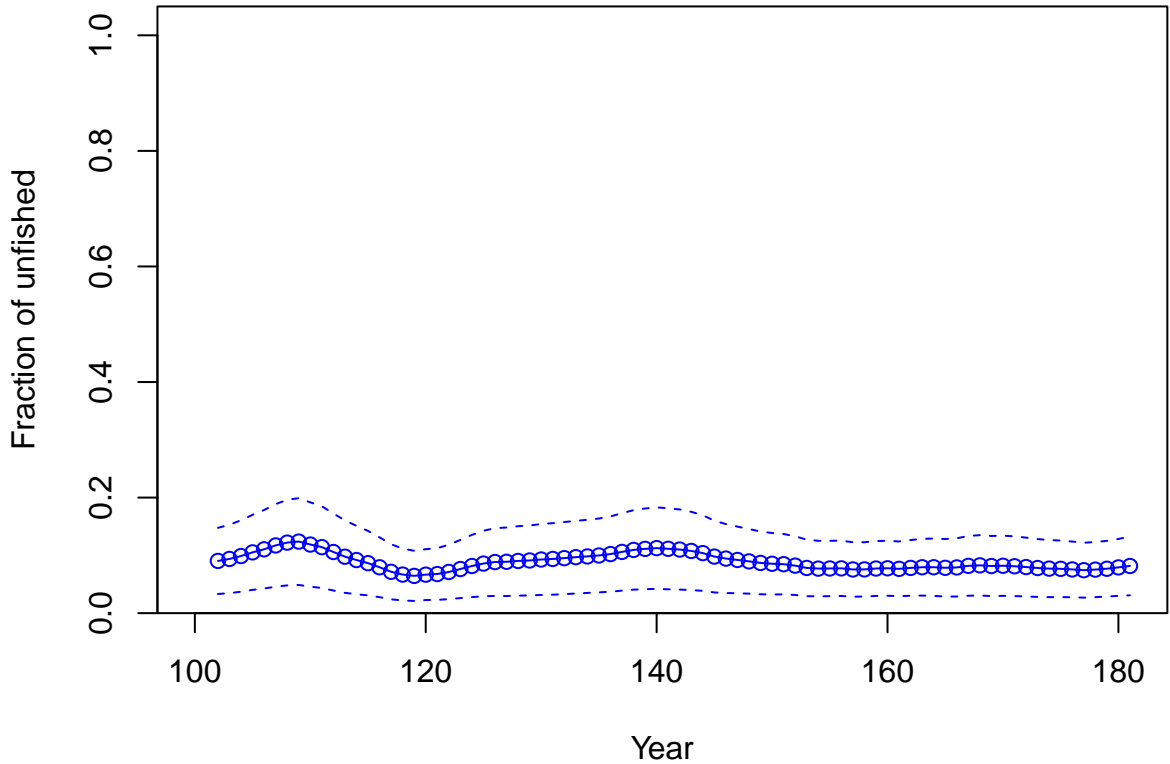
# Spawning biomass (mt) with forecast with ~95% asymptotic intervals



## Fraction of unfished

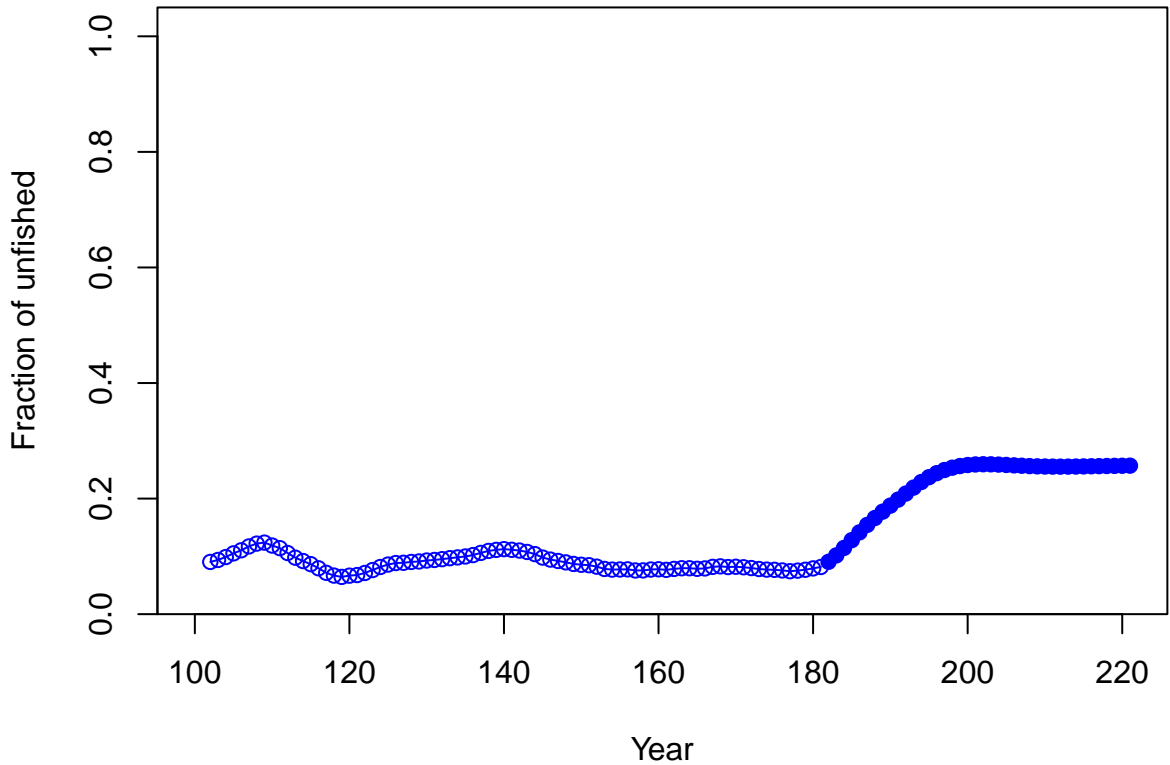


## Fraction of unfished with ~95% asymptotic intervals

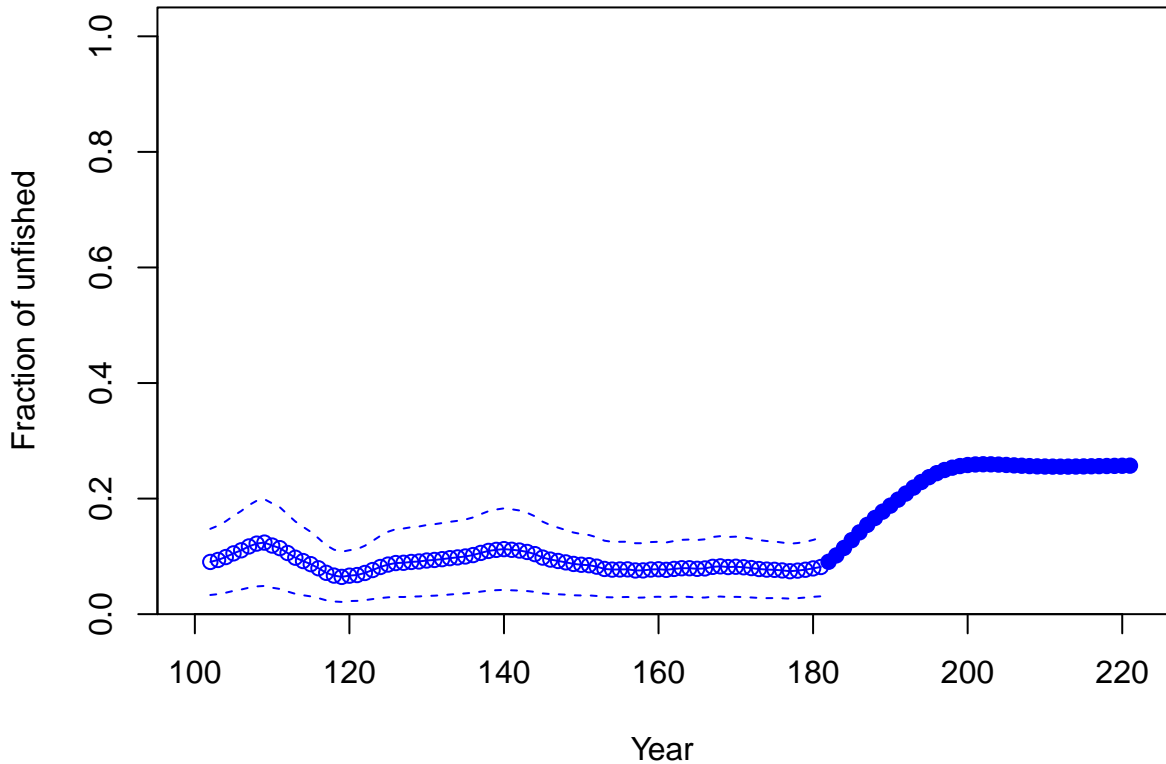




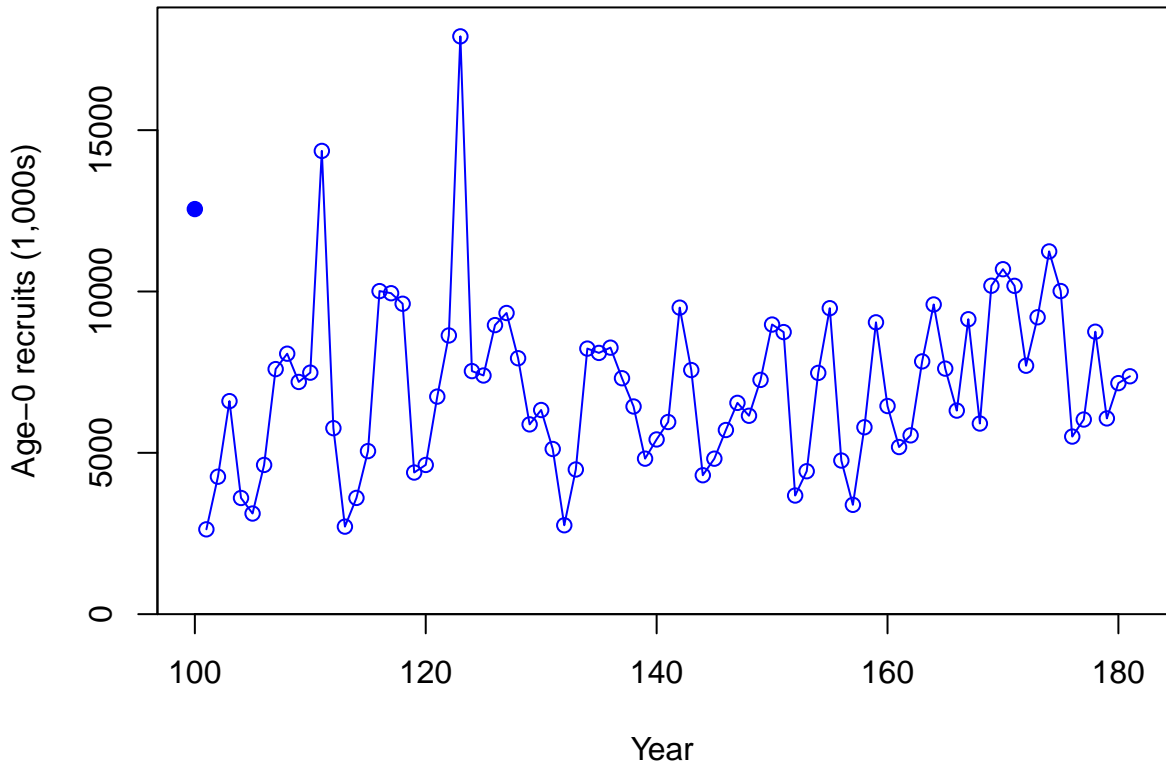
**Fraction of unfished with forecast**



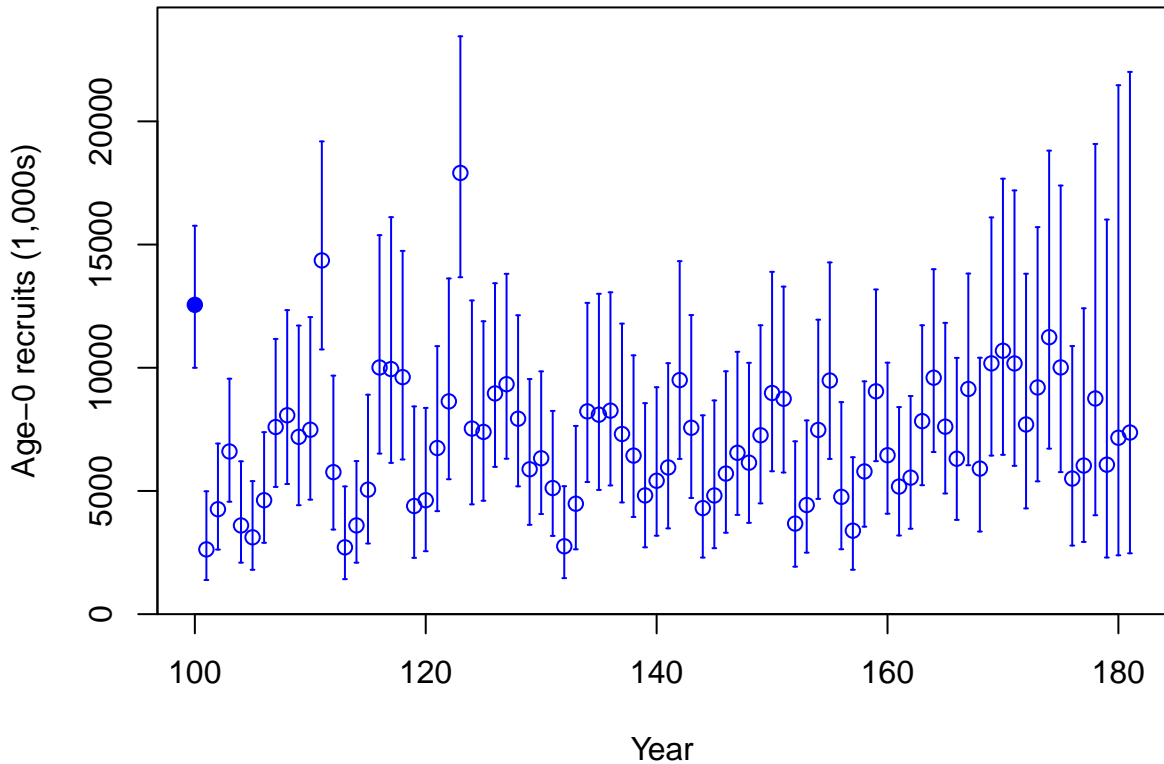
# Fraction of unfished with forecast with ~95% asymptotic intervals



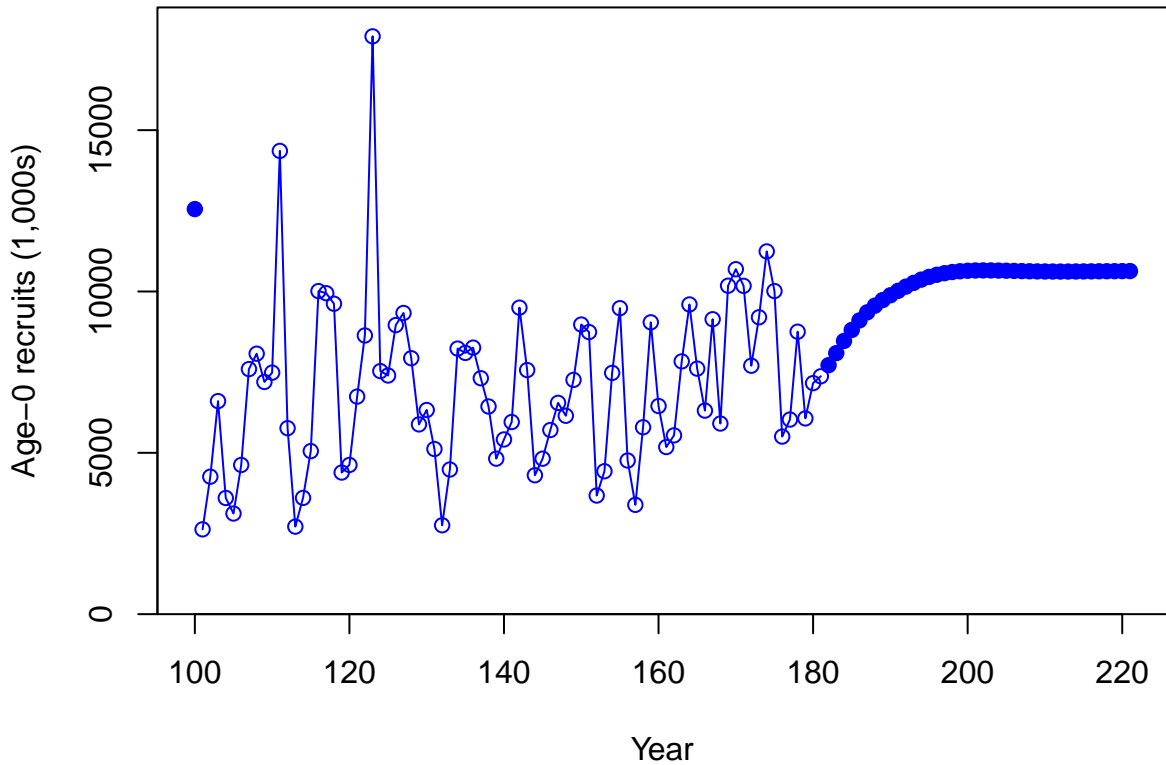
### Age-0 recruits (1,000s)



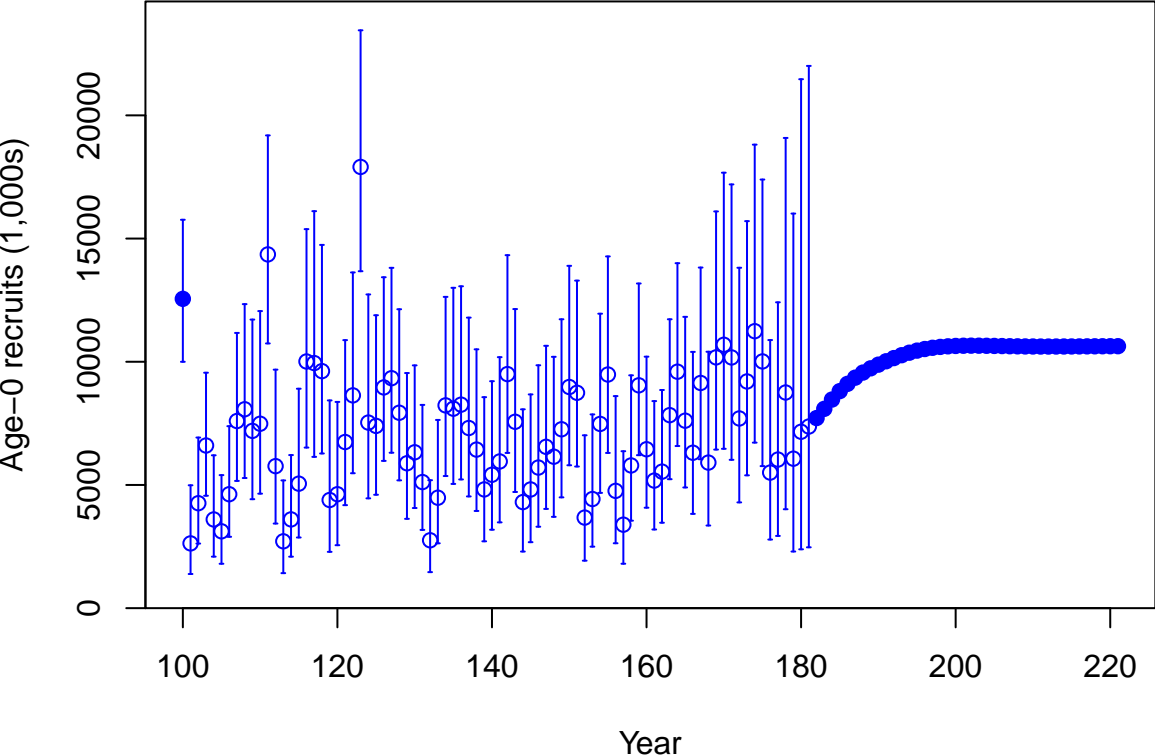
# Age-0 recruits (1,000s) with ~95% asymptotic intervals



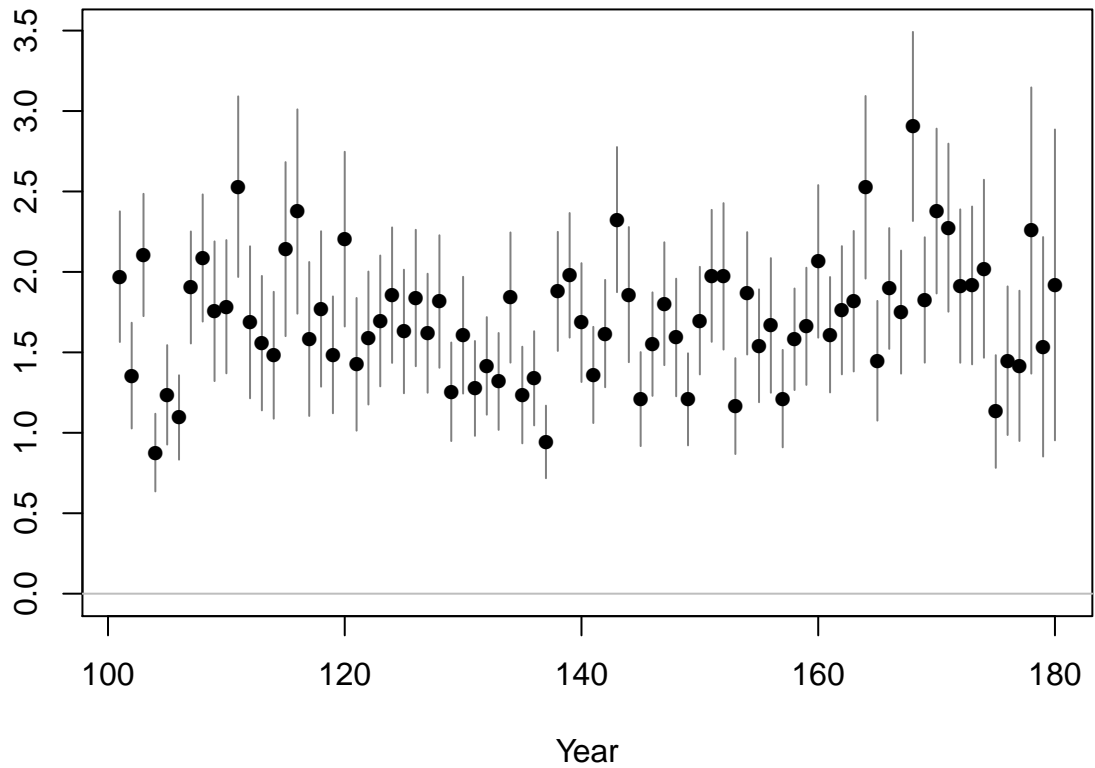
**Age-0 recruits (1,000s) with forecast**

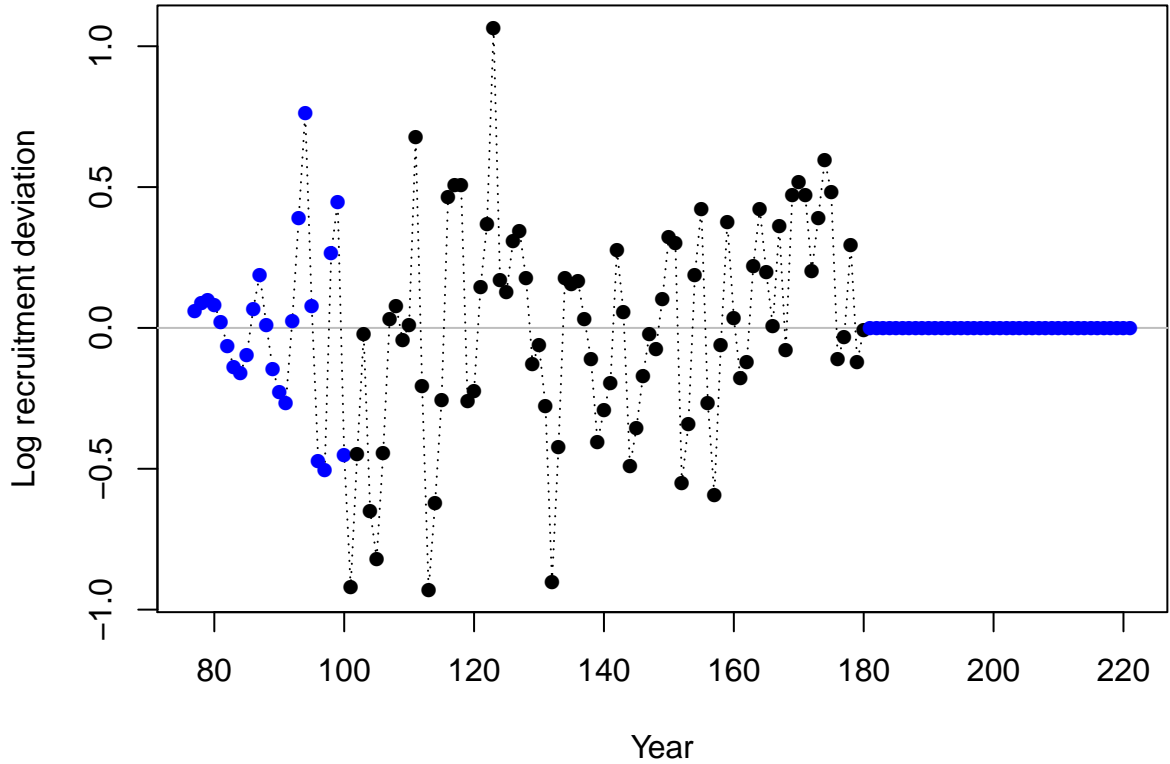


**Age-0 recruits (1,000s) with forecast with ~95% asymptotic intervals**

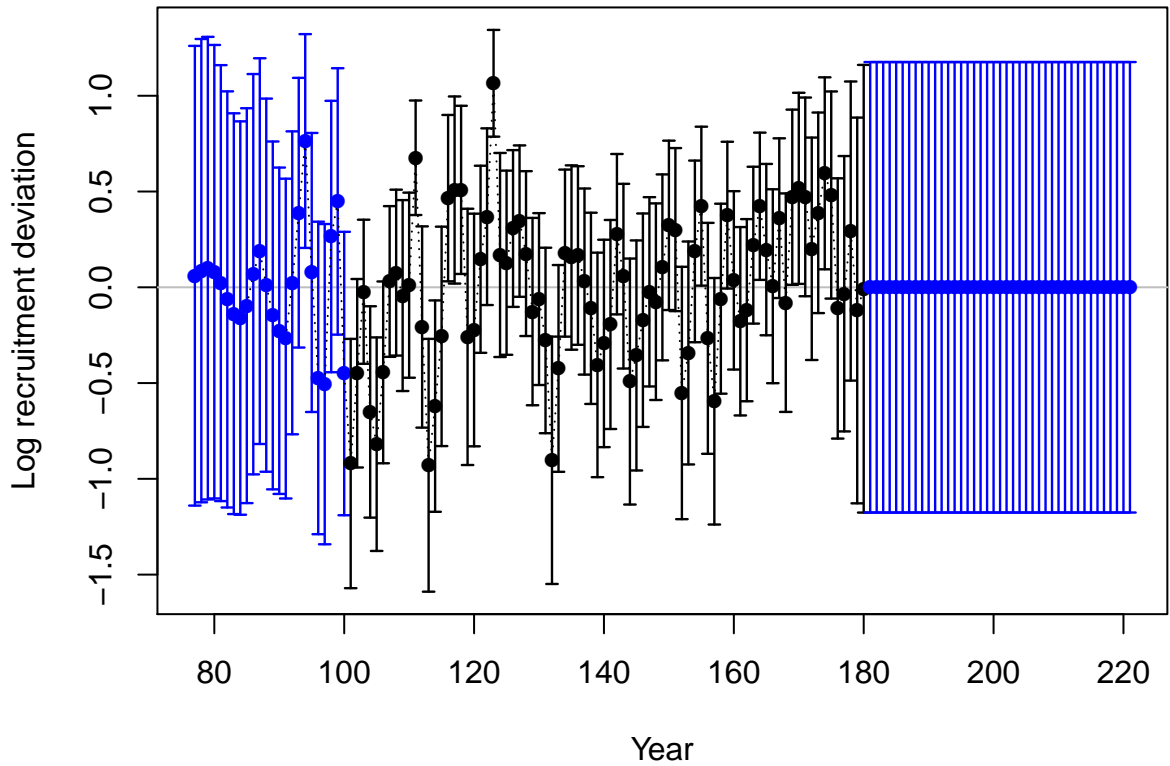


Summary Fishing Mortality

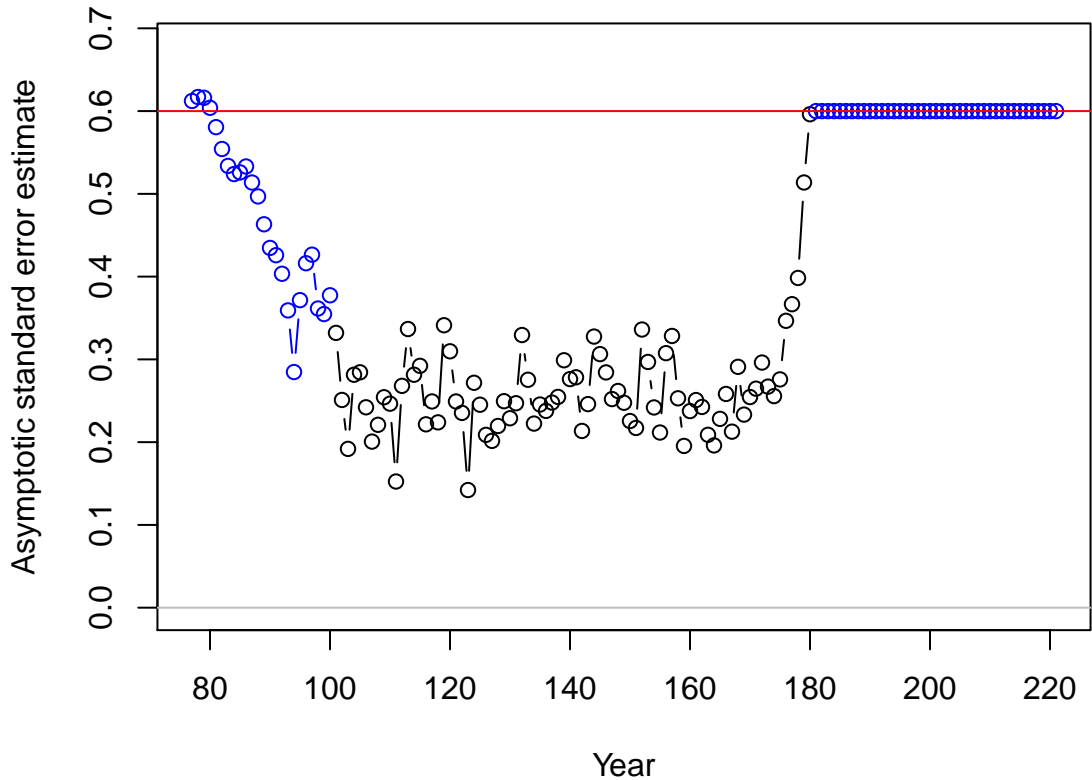


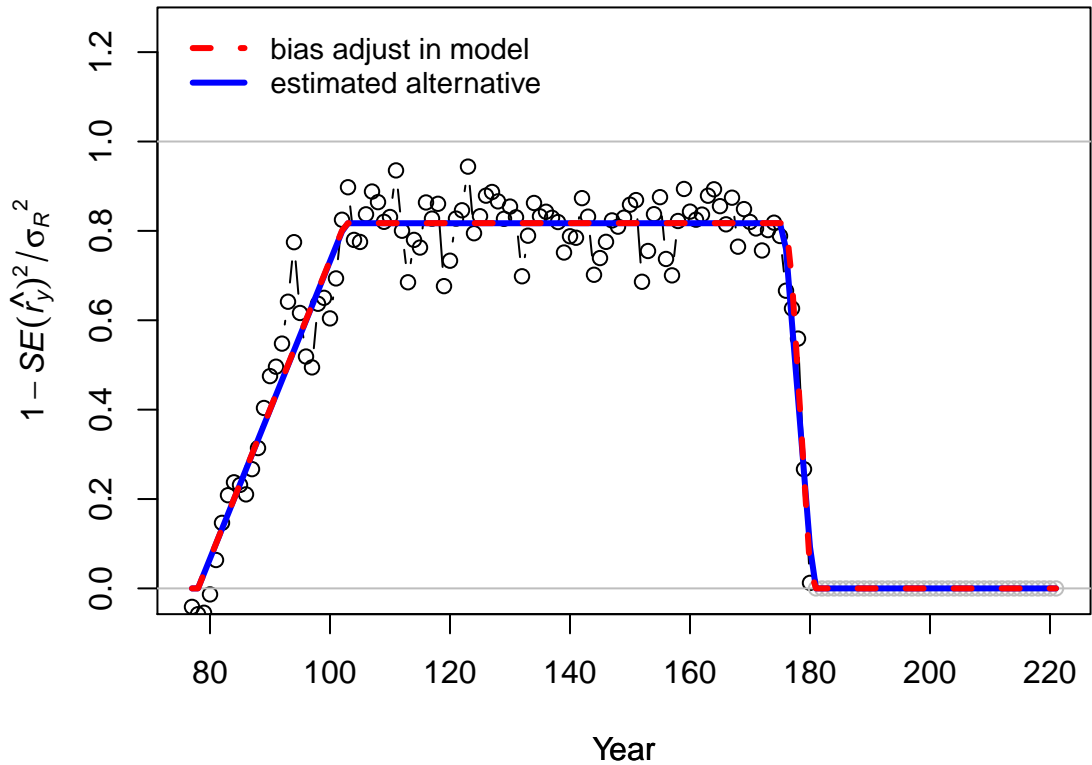


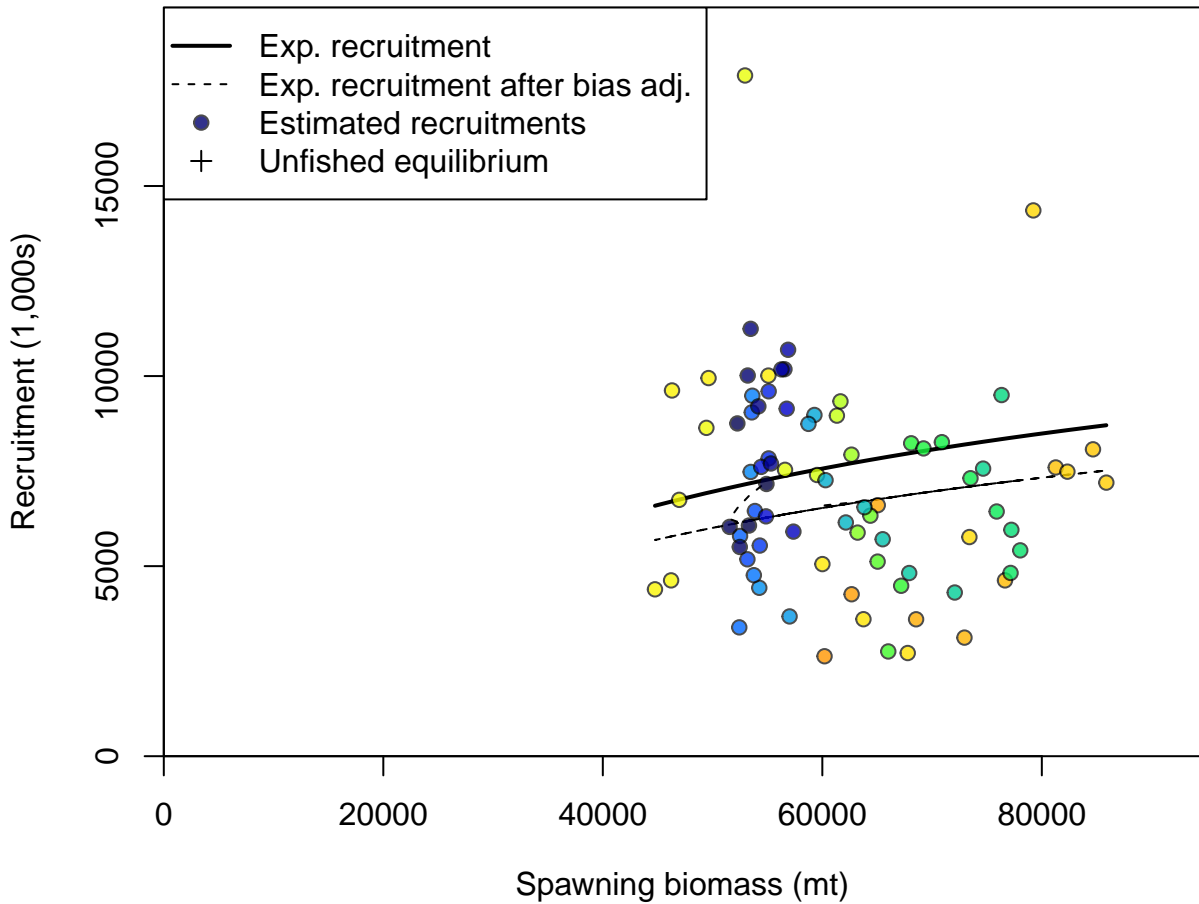


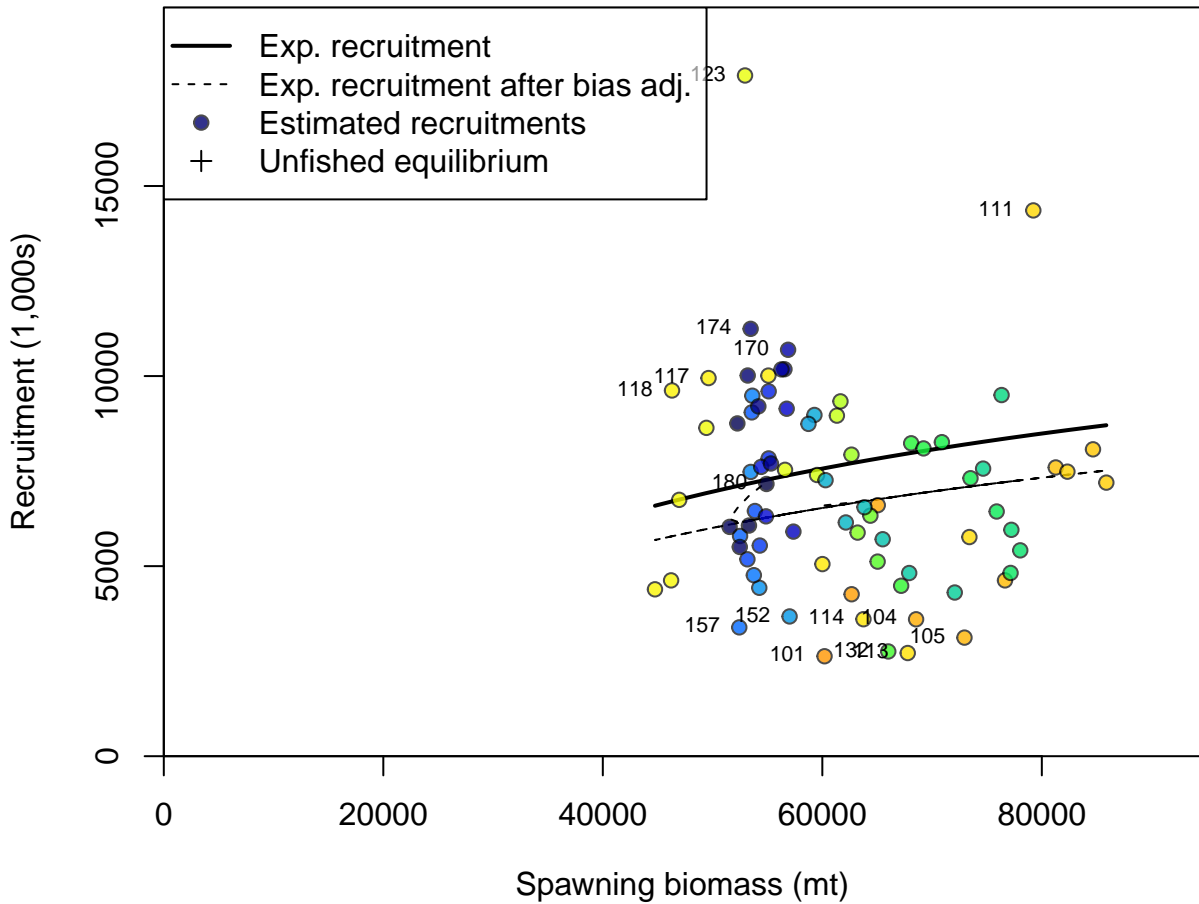


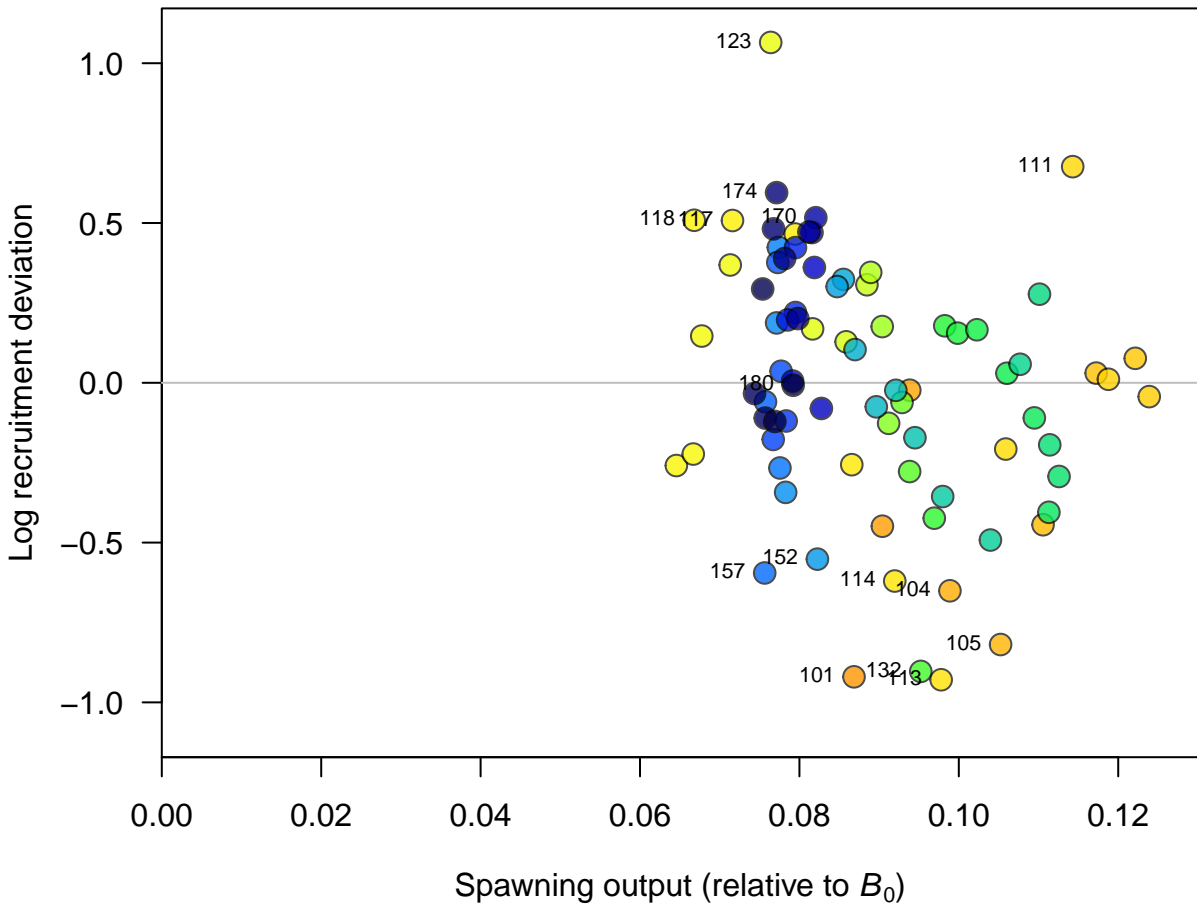
# Recruitment deviation variance



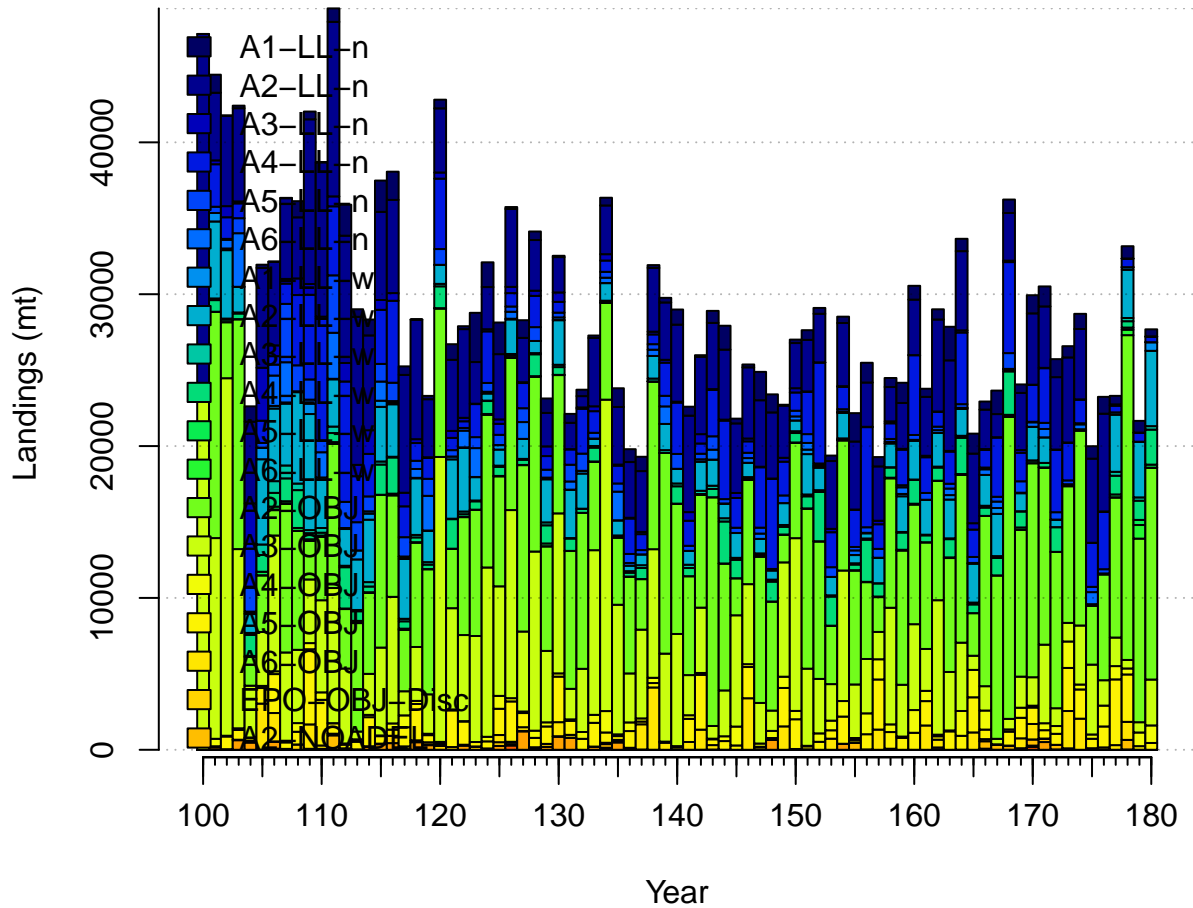














Observed and expected Landings (mt)

20000  
15000  
10000  
5000  
0

100

120

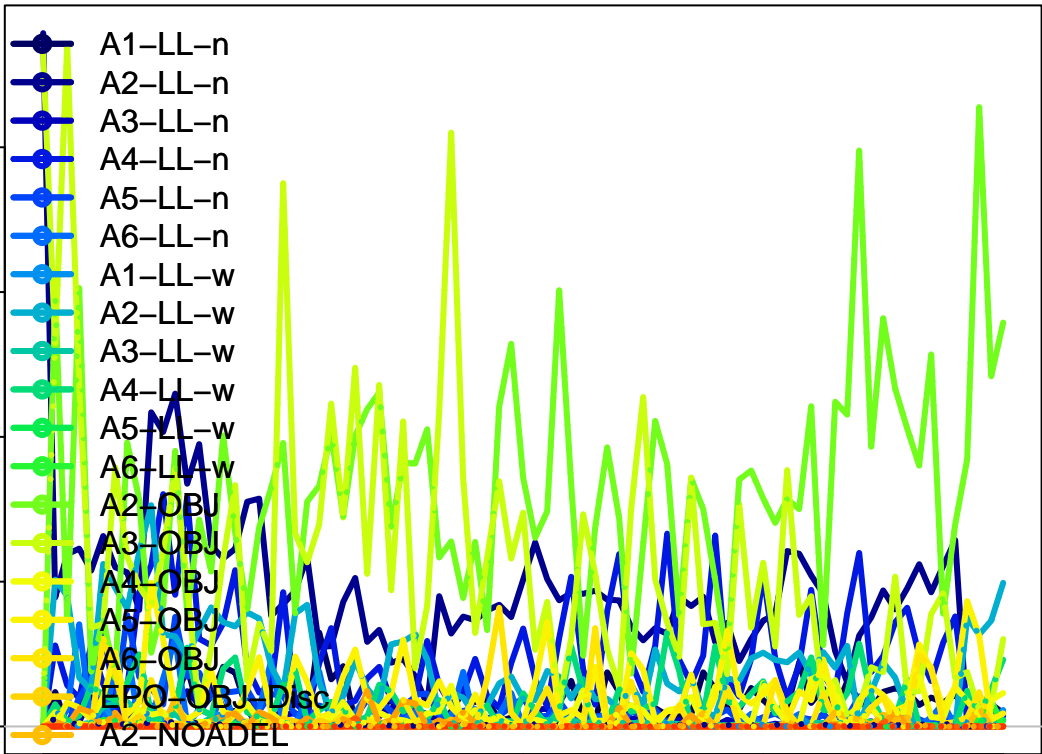
140

160

180

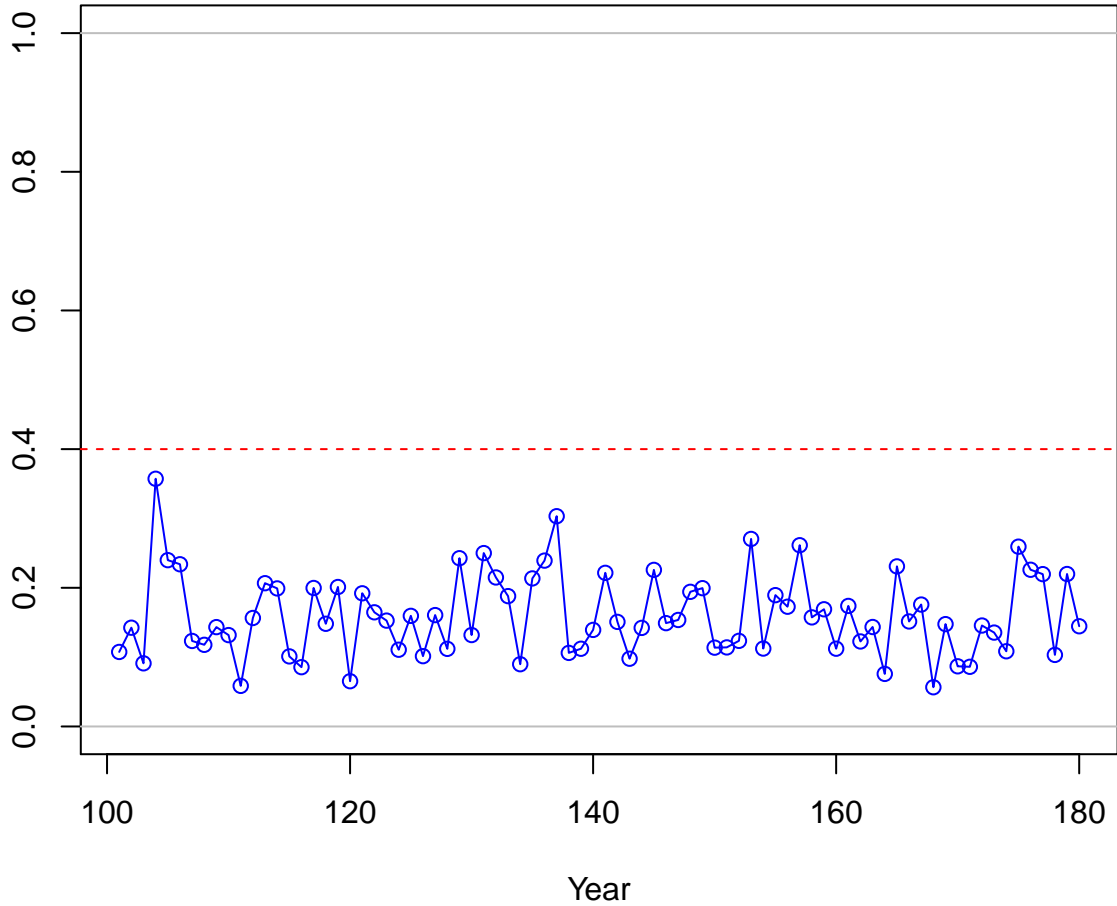
Year

- A1-LL-n
- A2-LL-n
- A3-LL-n
- A4-LL-n
- A5-LL-n
- A6-LL-n
- A1-LL-w
- A2-LL-w
- A3-LL-w
- A4-LL-w
- A5-LL-w
- A6-LL-w
- A2-OBJ
- A3-OBJ
- A4-OBJ
- A5-OBJ
- A6-OBJ
- EPO-OBJ-Disc
- A2-NOADEL

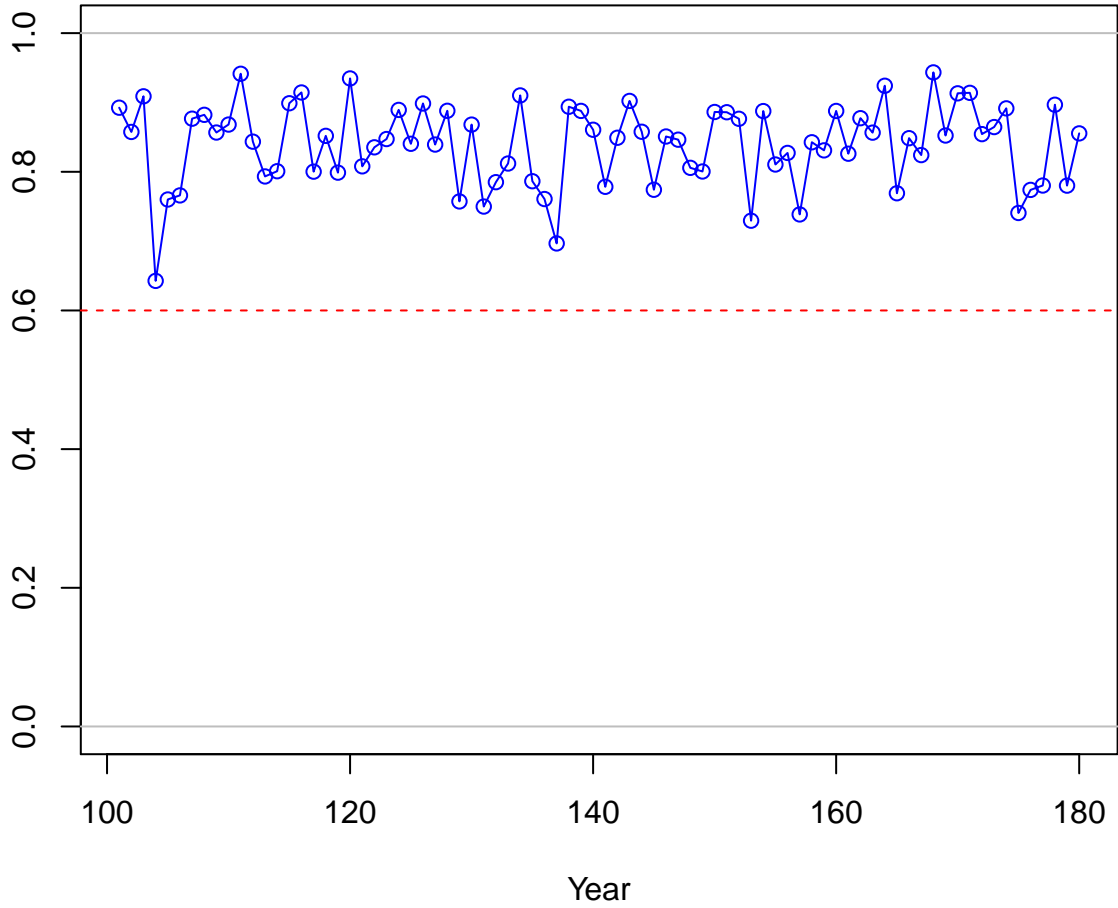


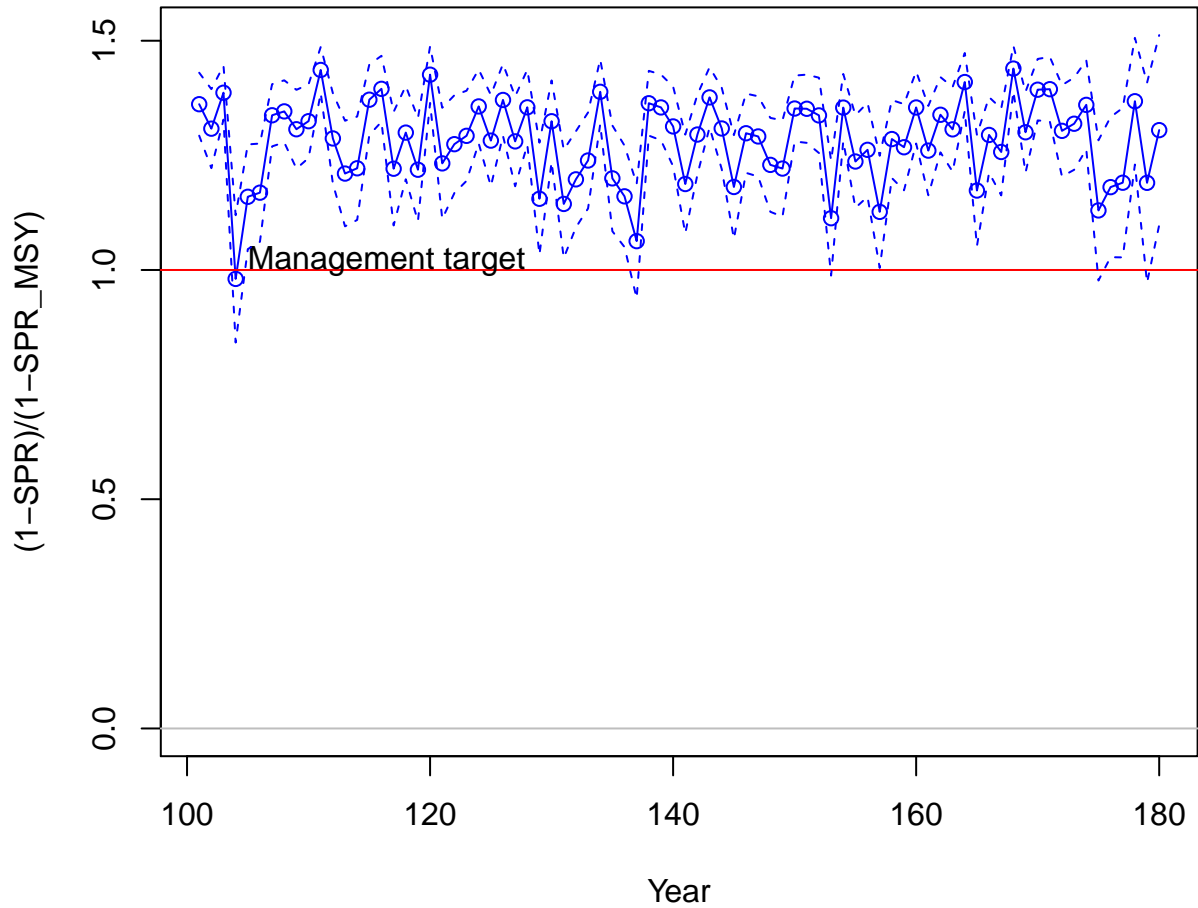


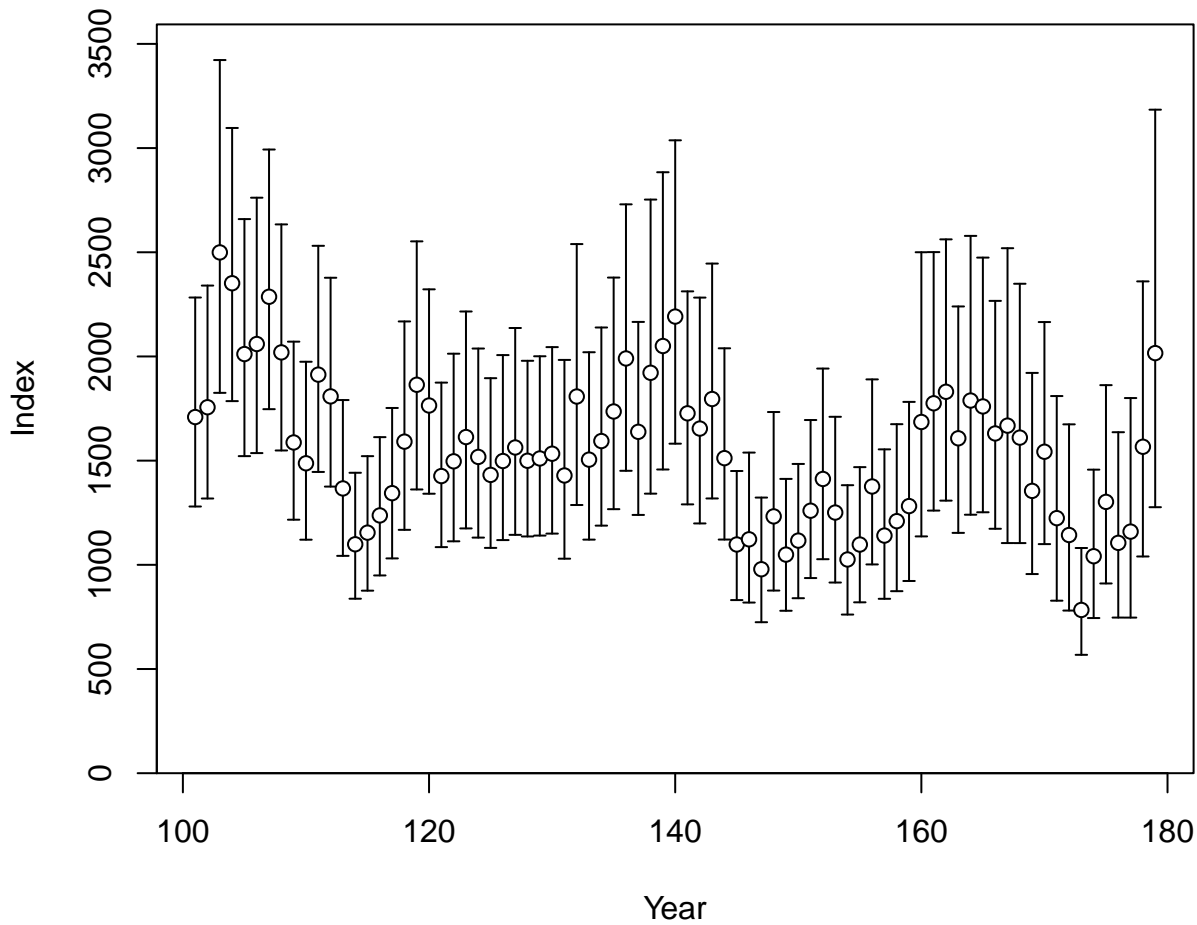
SPR

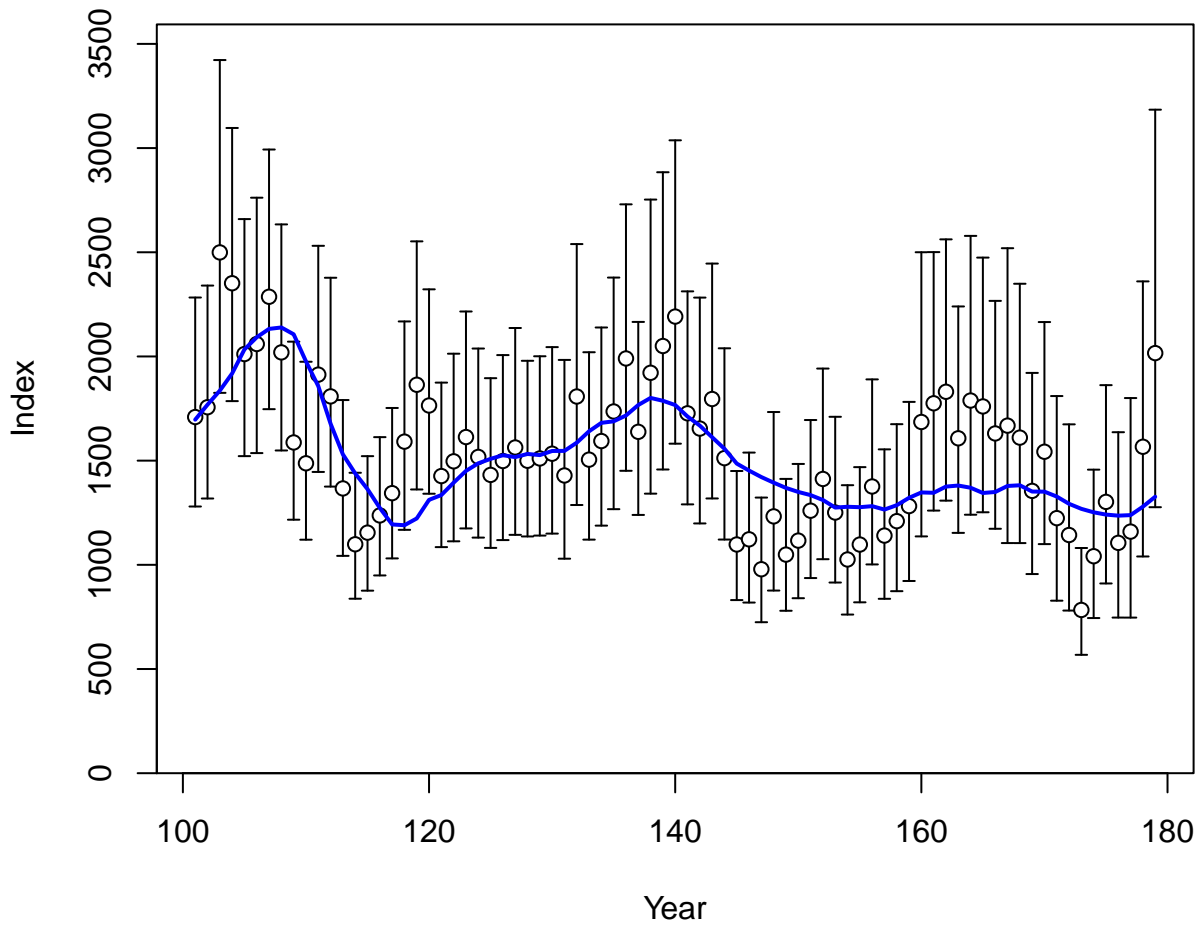


1-SPR

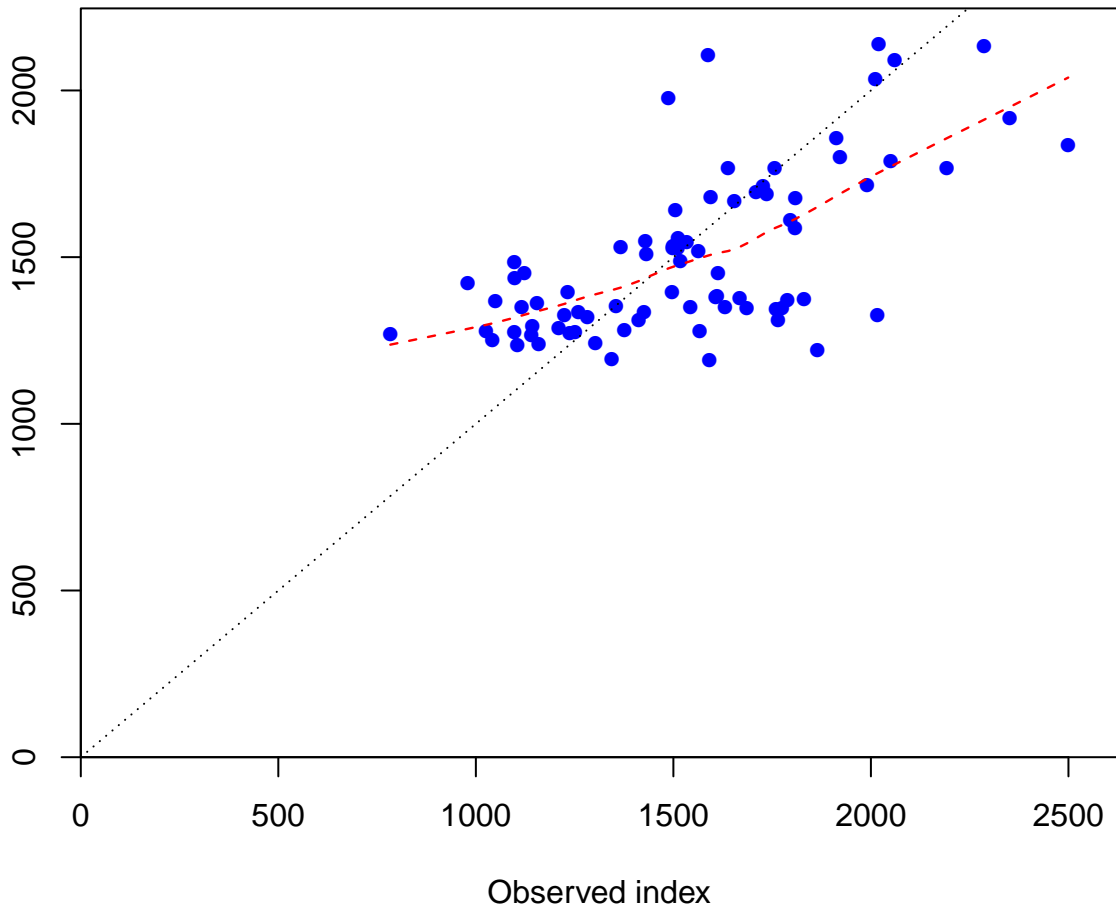








Expected index





Log index

8.0  
7.5  
7.0  
6.5

100

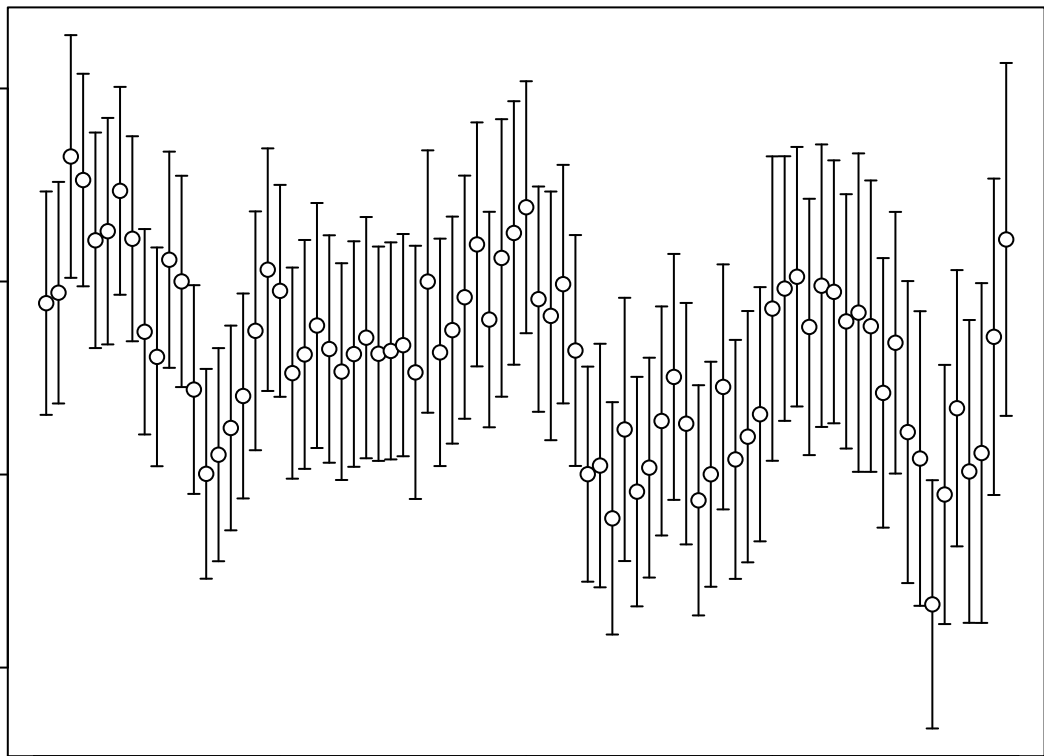
120

140

160

180

Year



Log index

8.0  
7.5  
7.0  
6.5

100

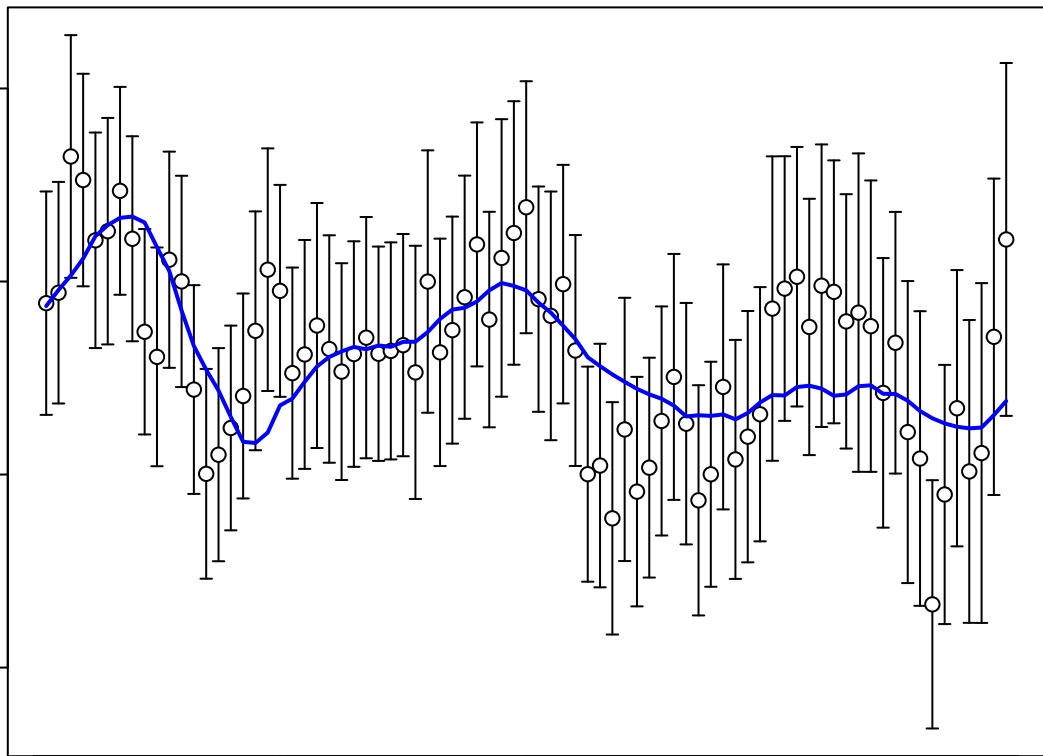
120

140

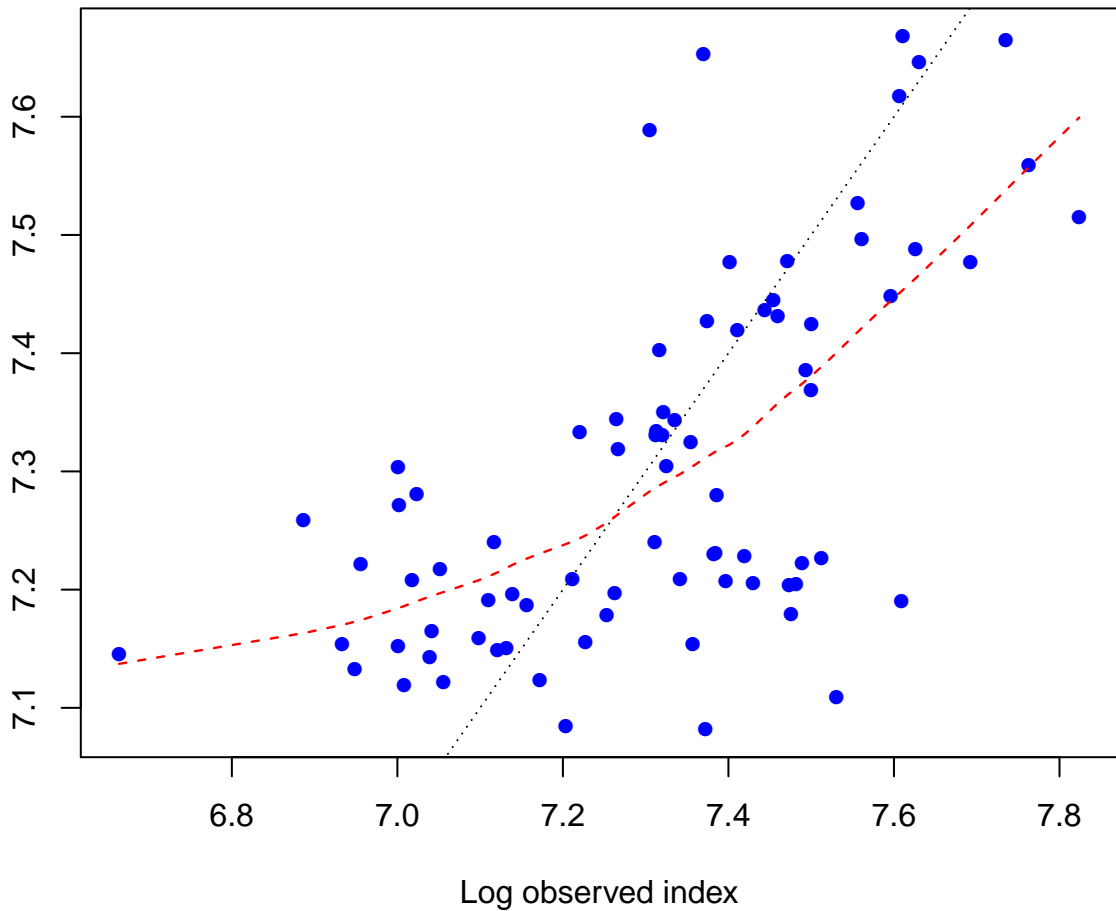
160

180

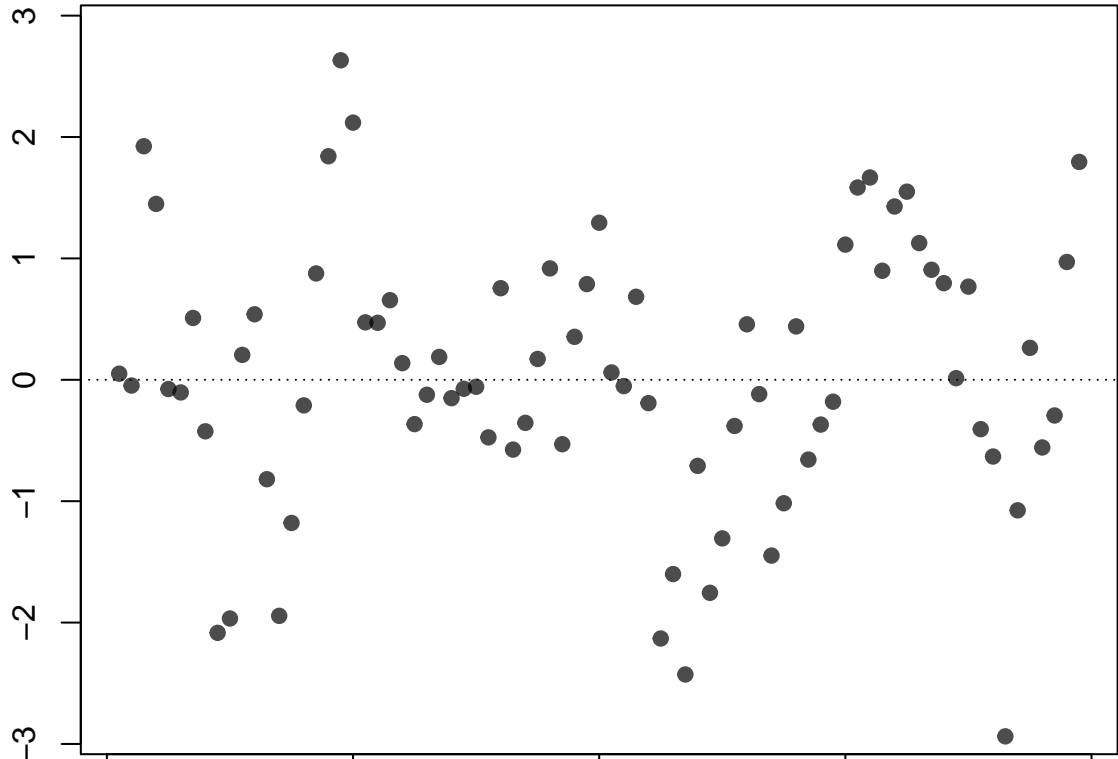
Year



Log expected index



Residual



Year

Deviation

0.4  
0.2  
0.0  
-0.2  
-0.4

100

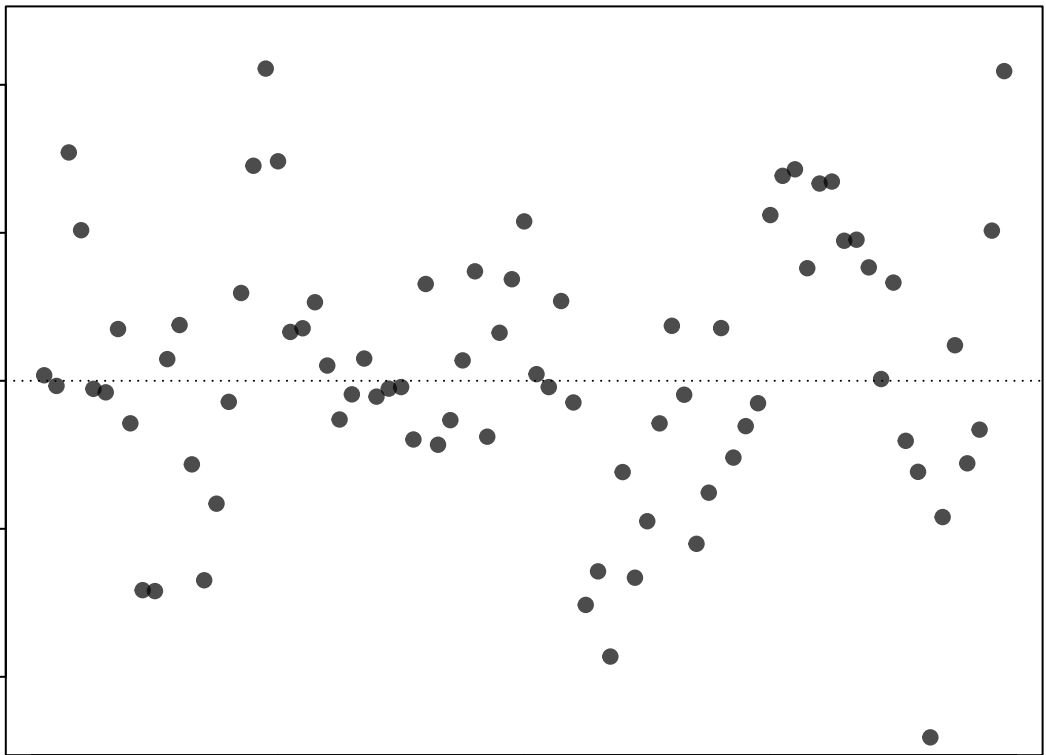
120

Year

140

160

180



Standardized index

1.6  
1.4  
1.2  
1.0  
0.8  
0.6

100

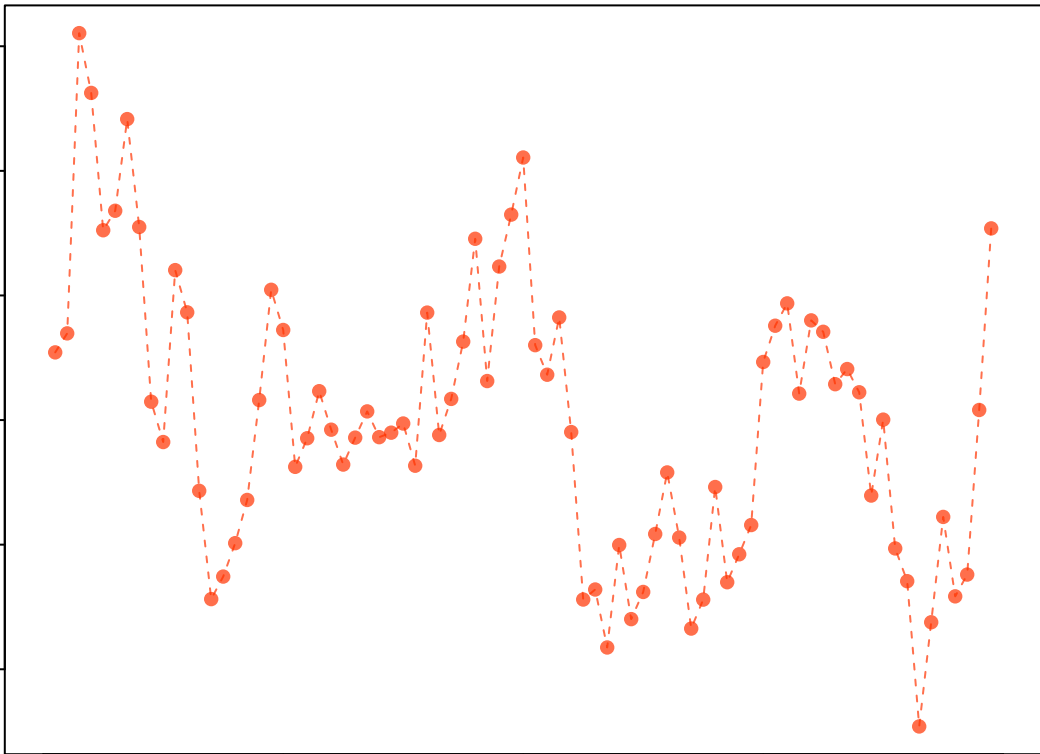
120

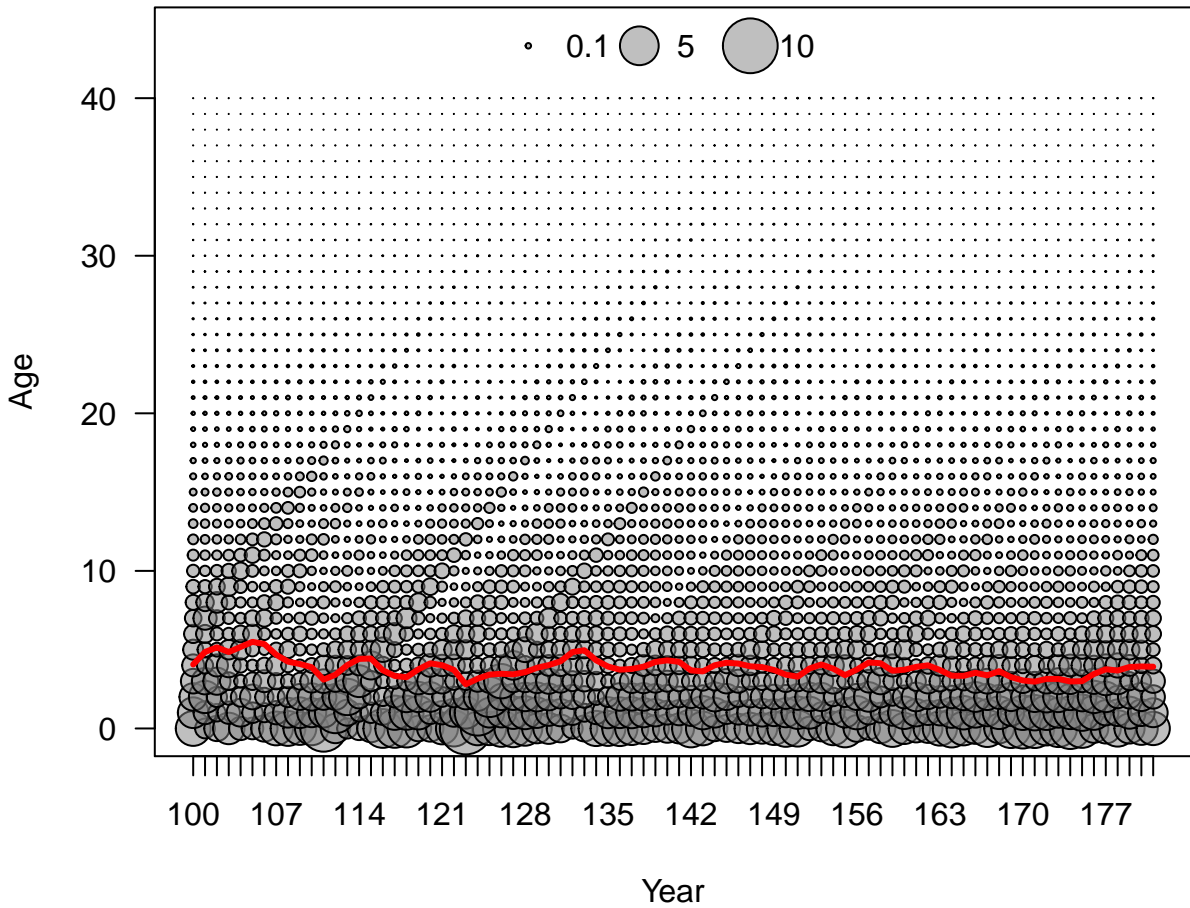
140

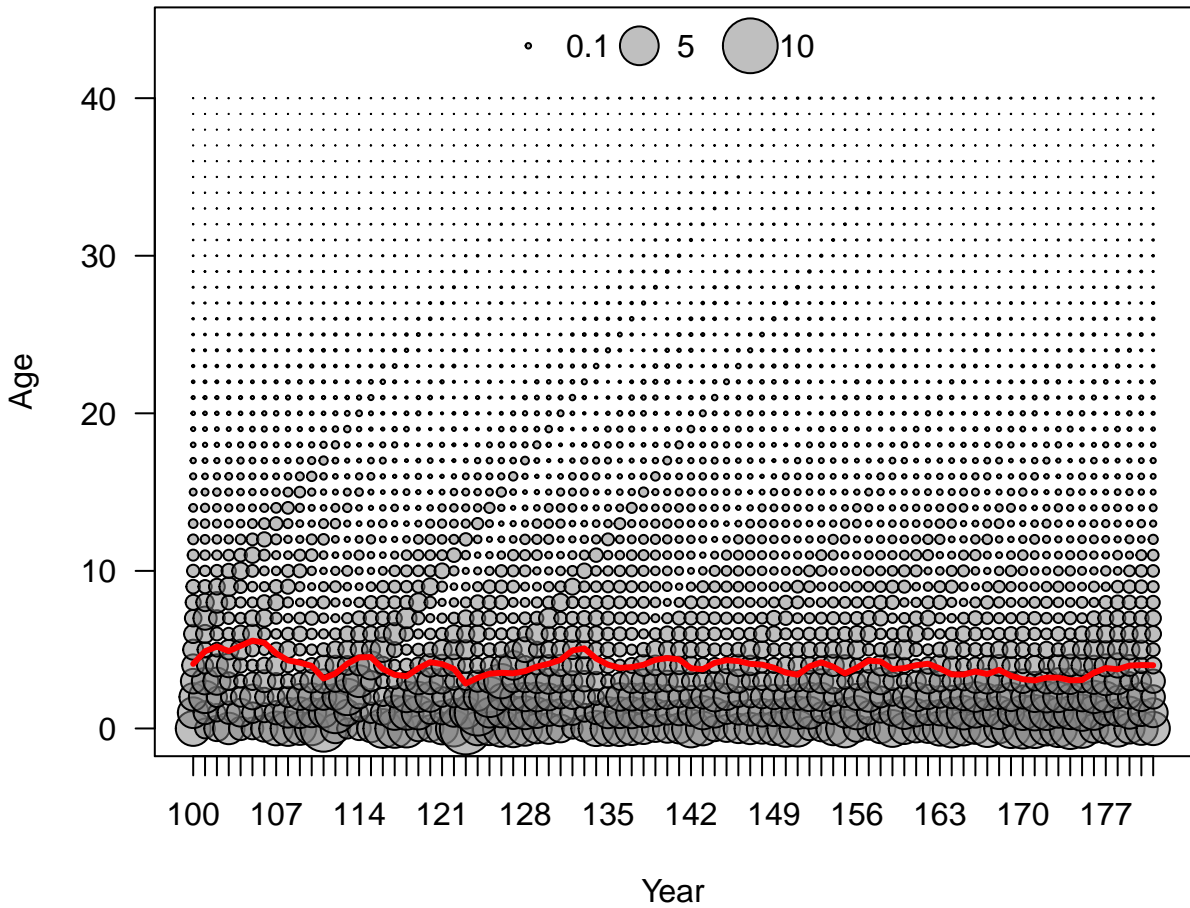
160

180

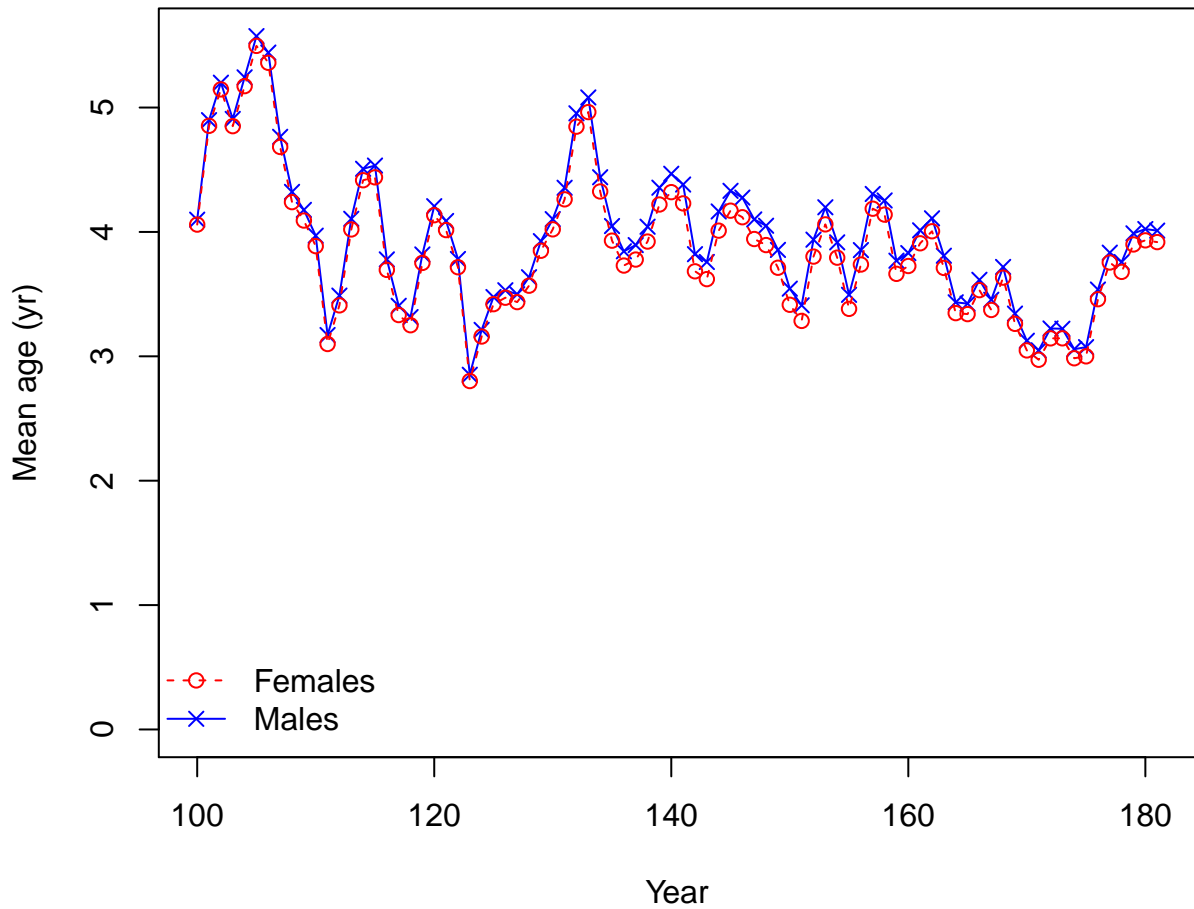
Year

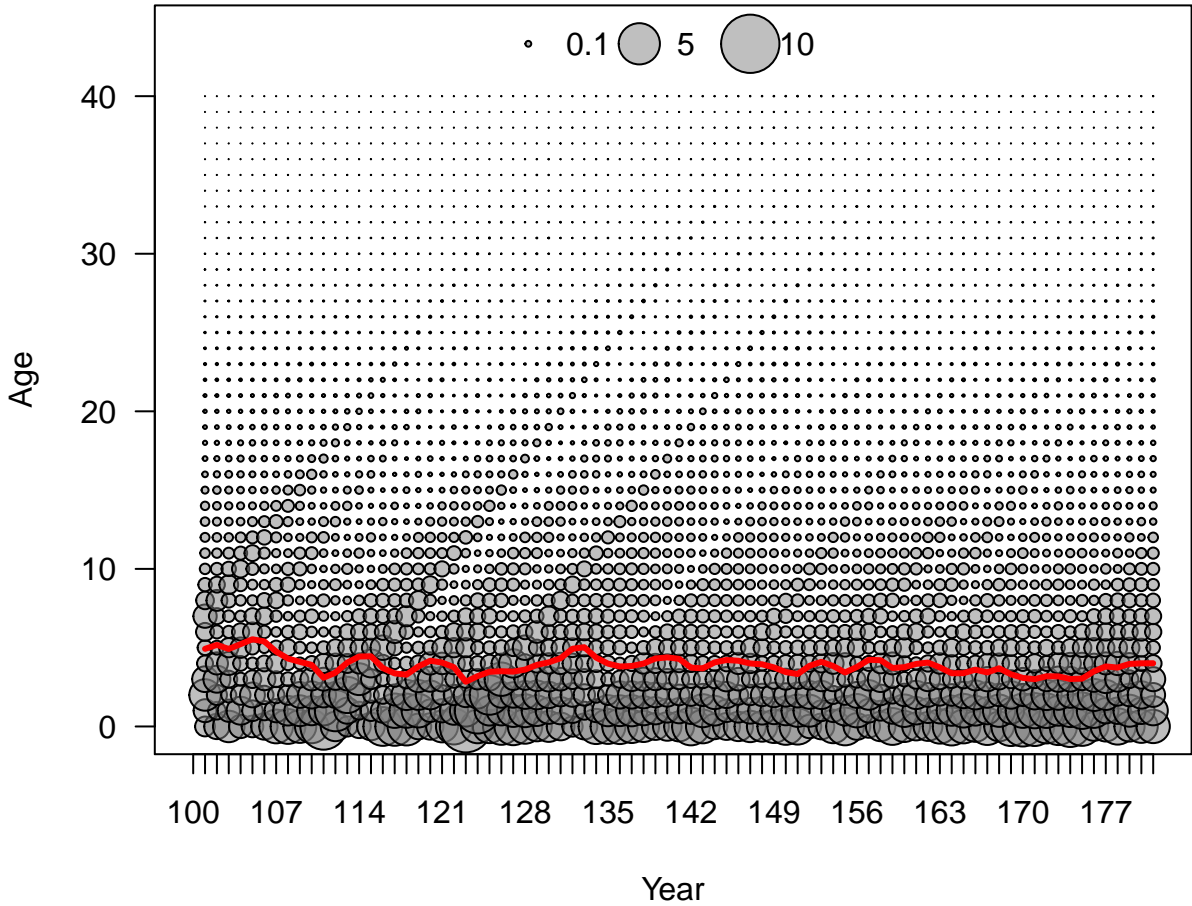


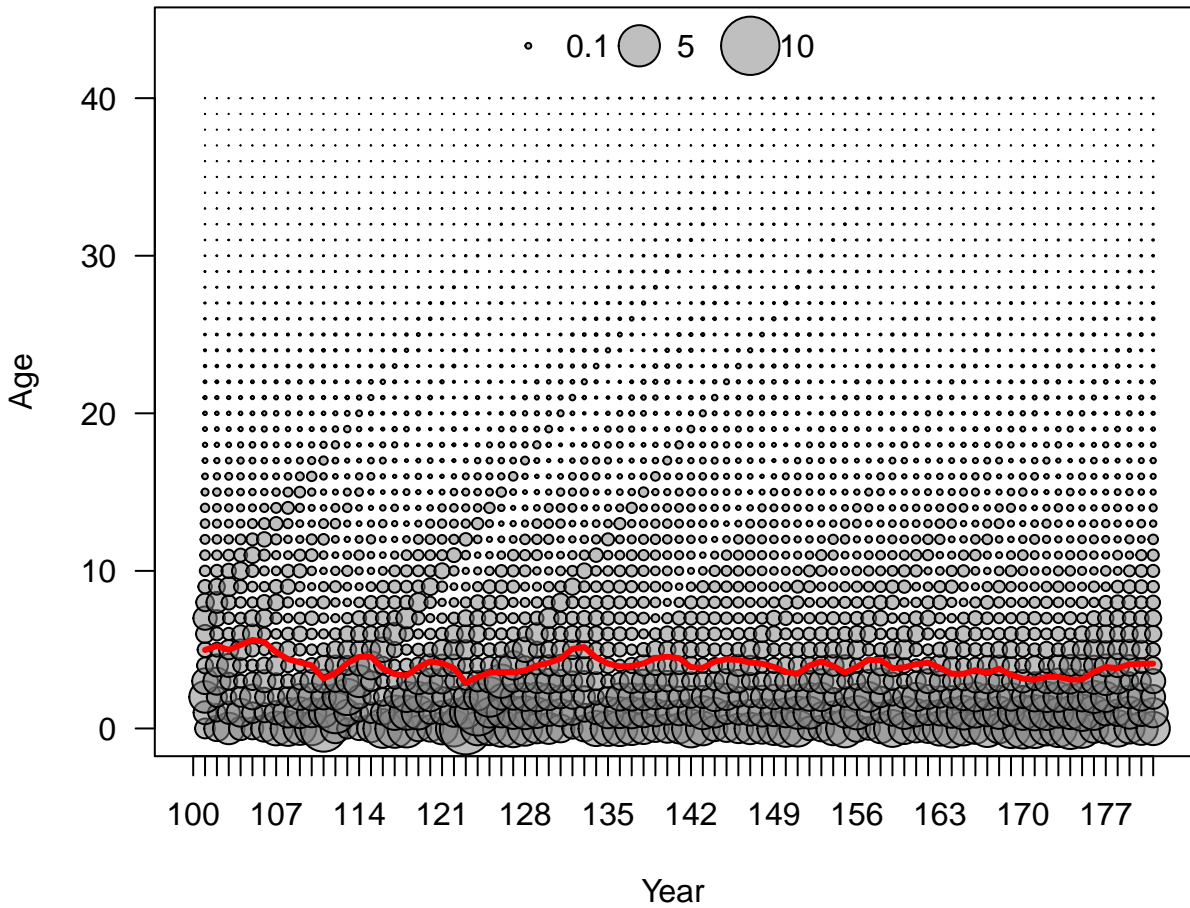




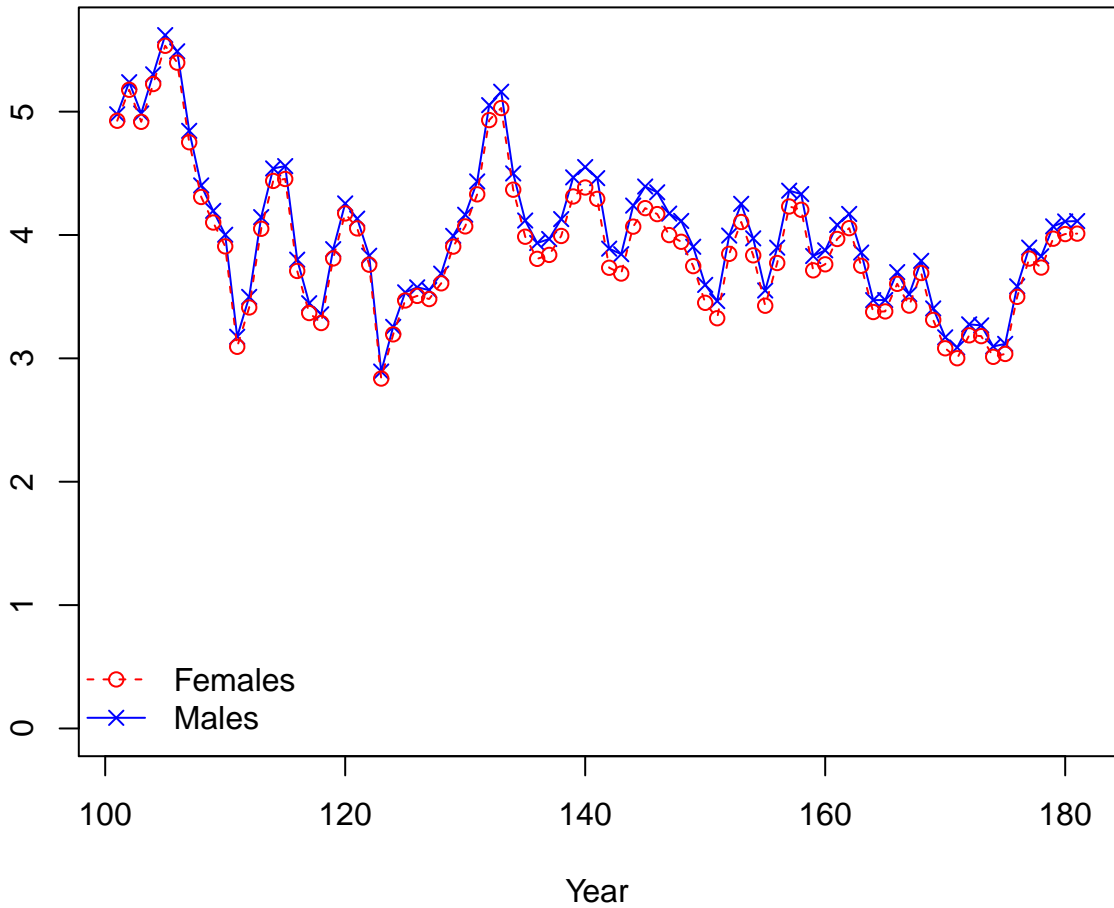


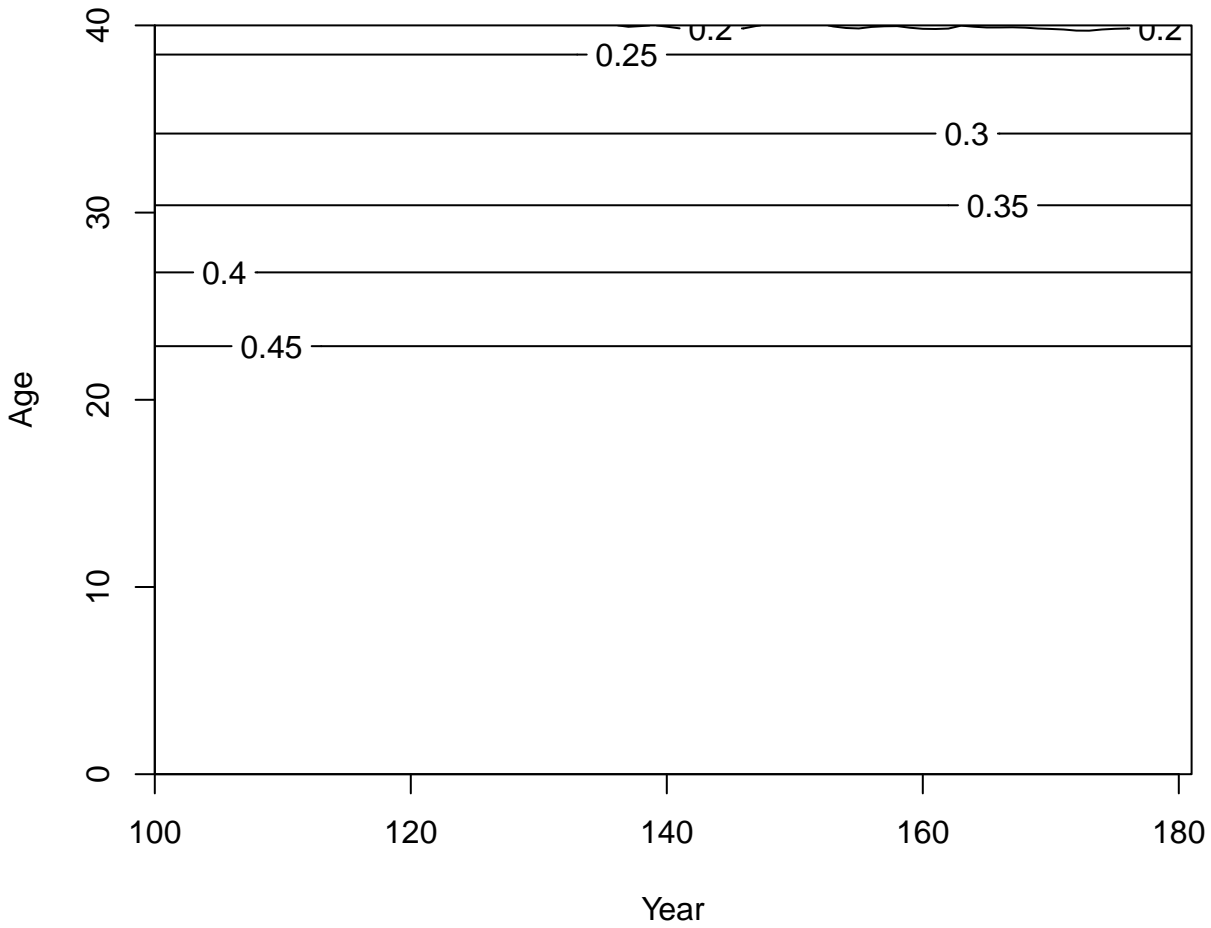


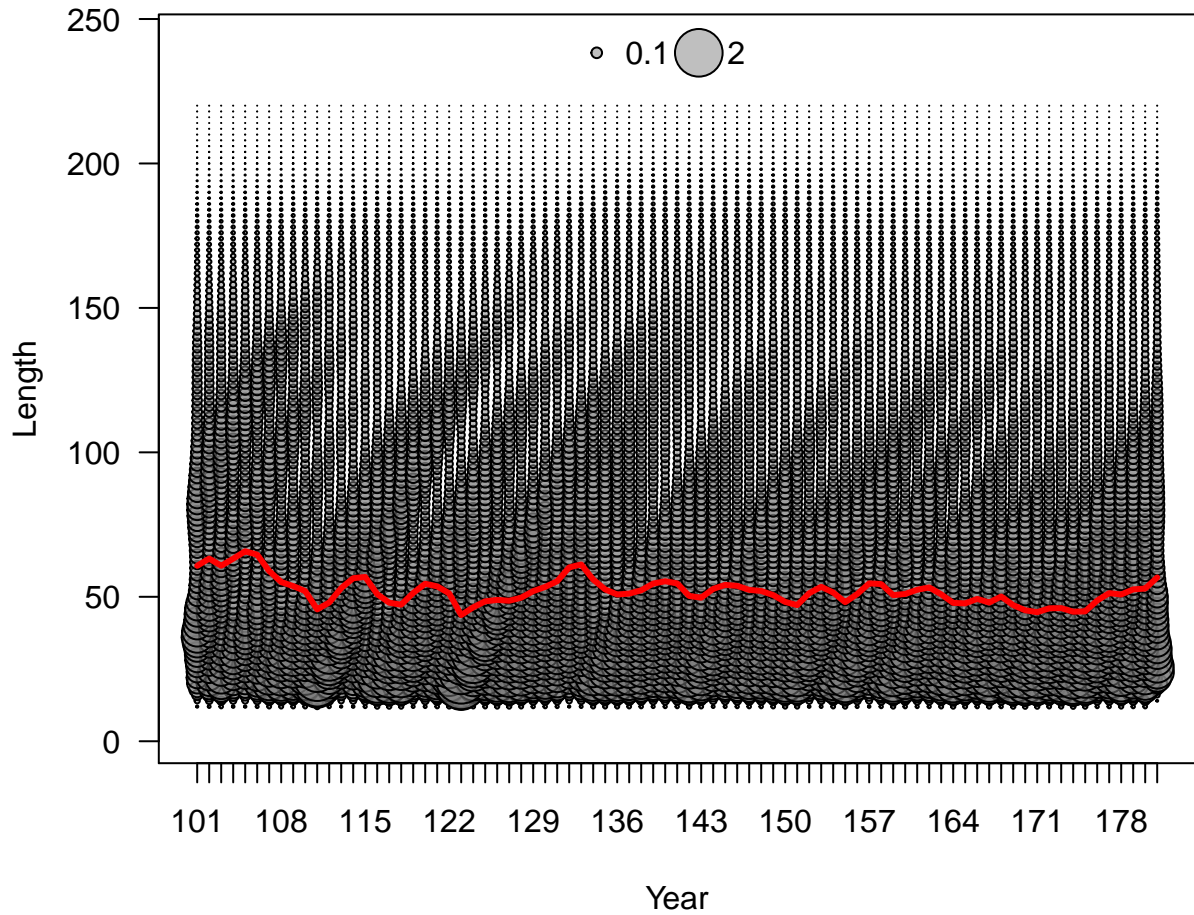


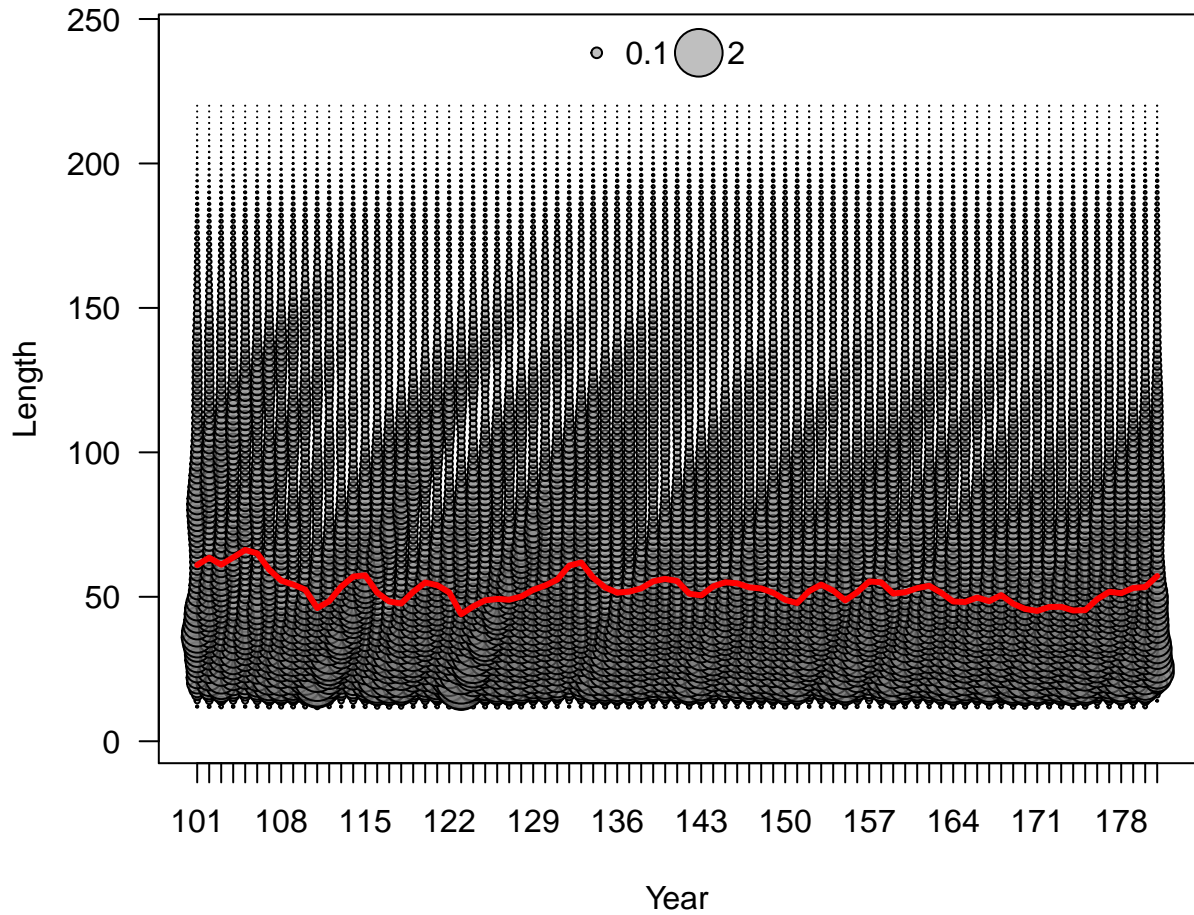


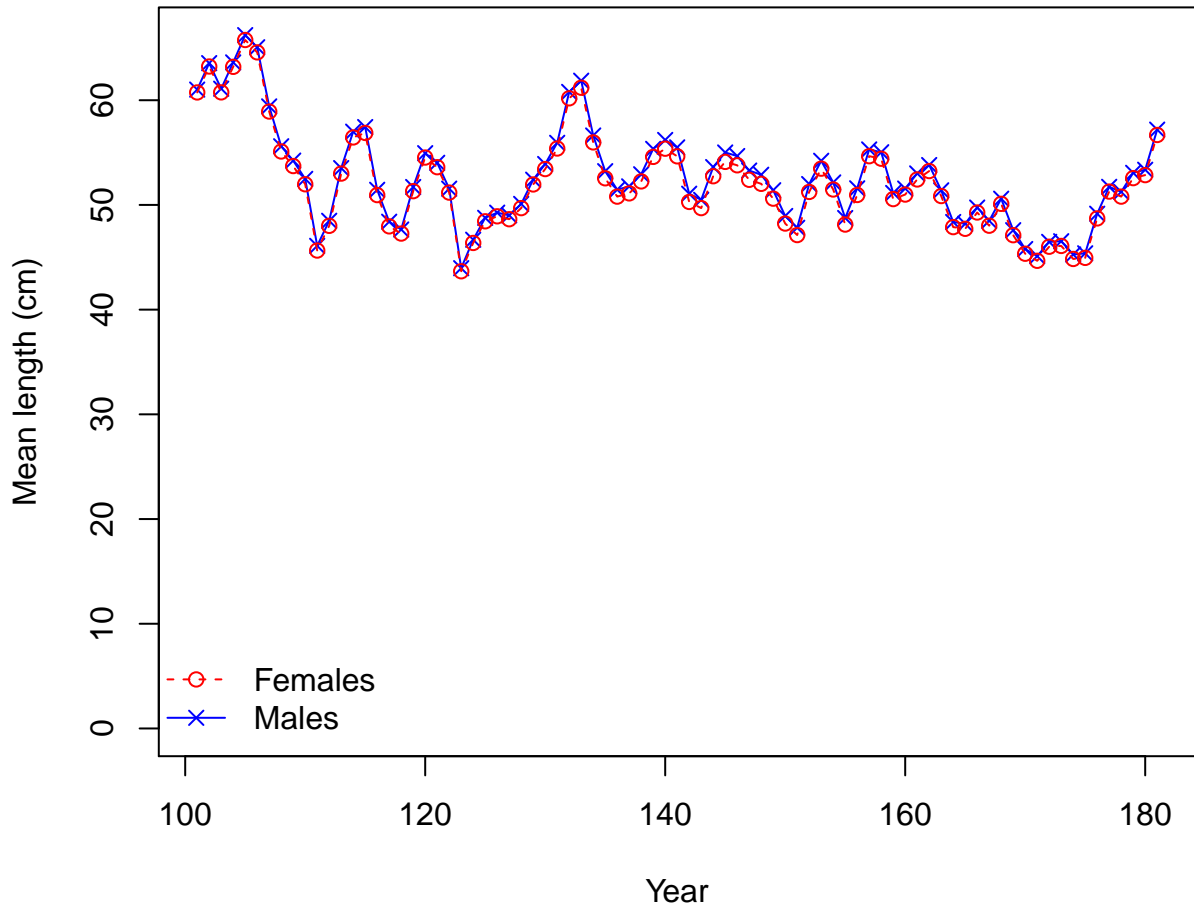
Mean age (yr)



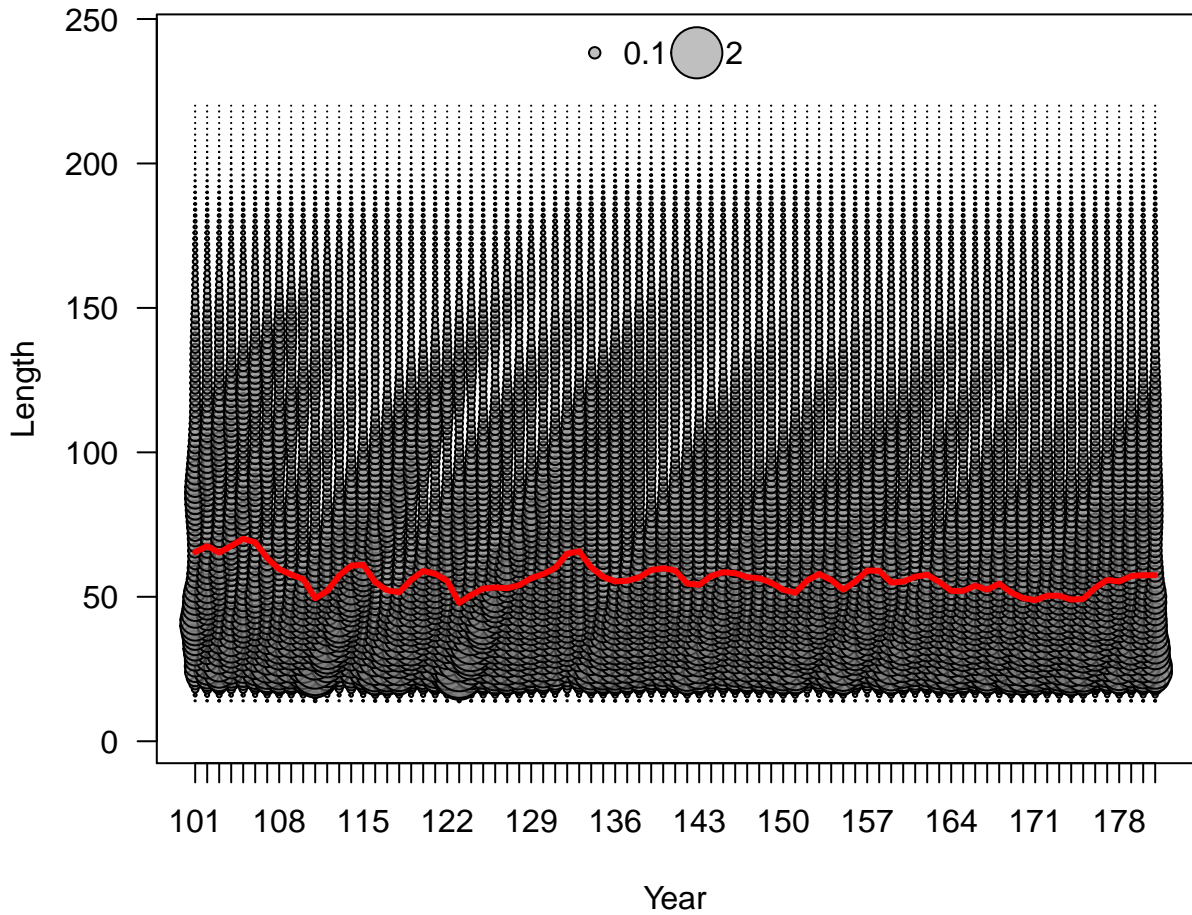


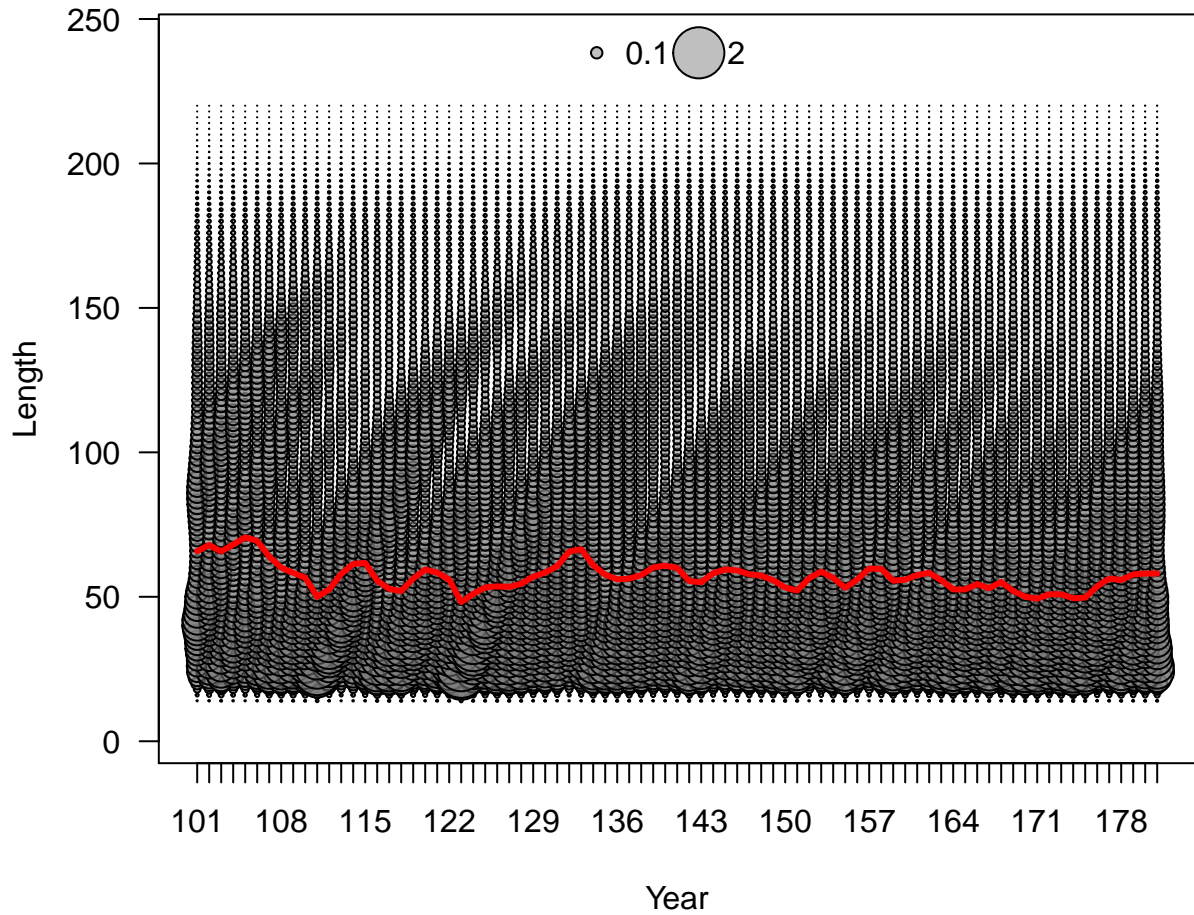


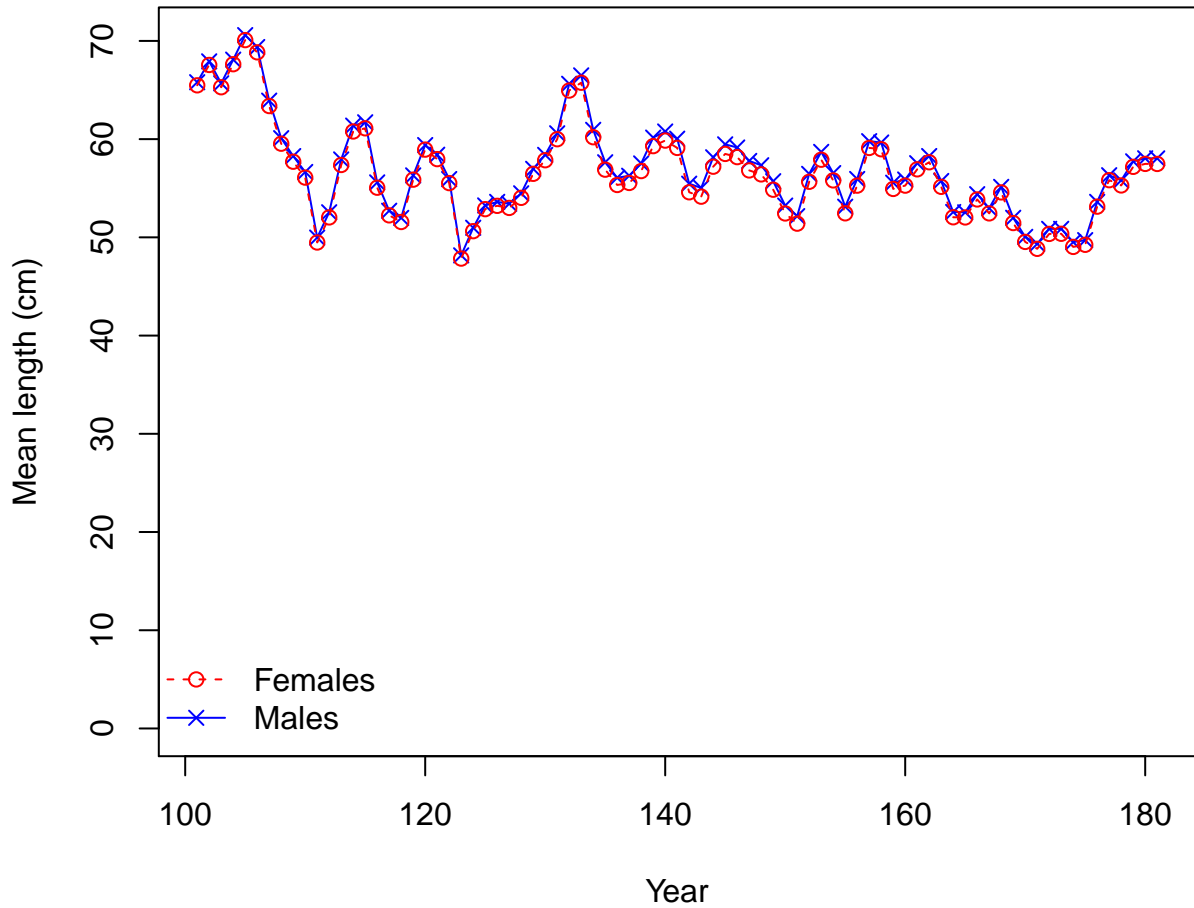




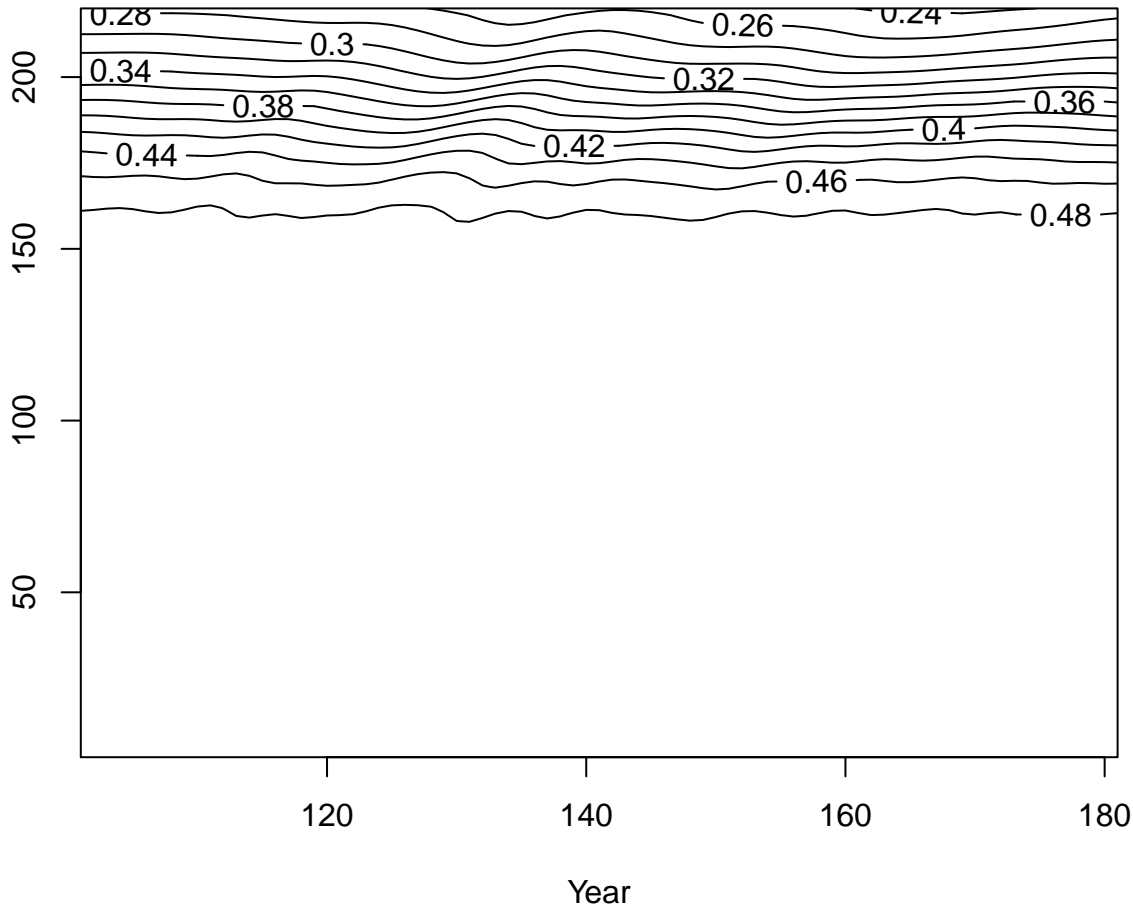


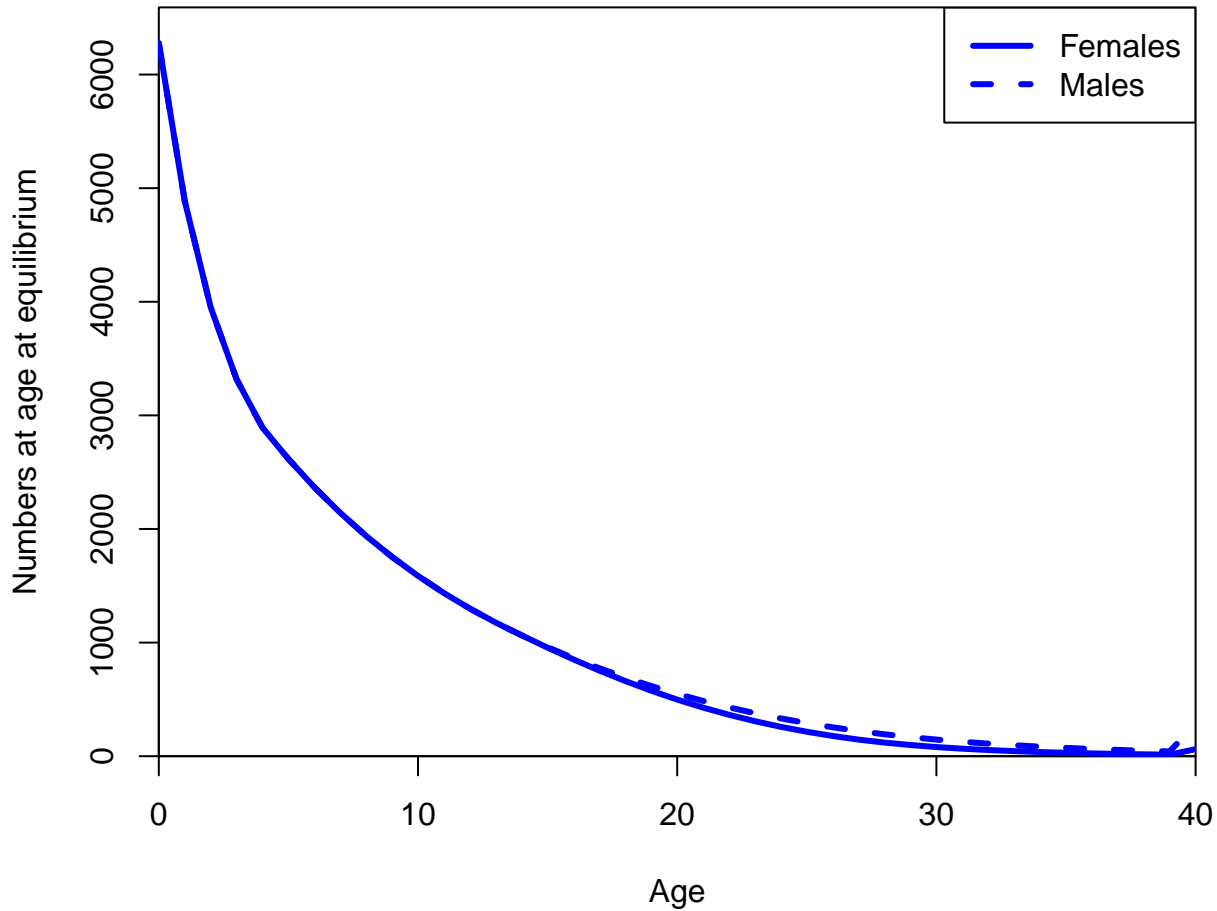


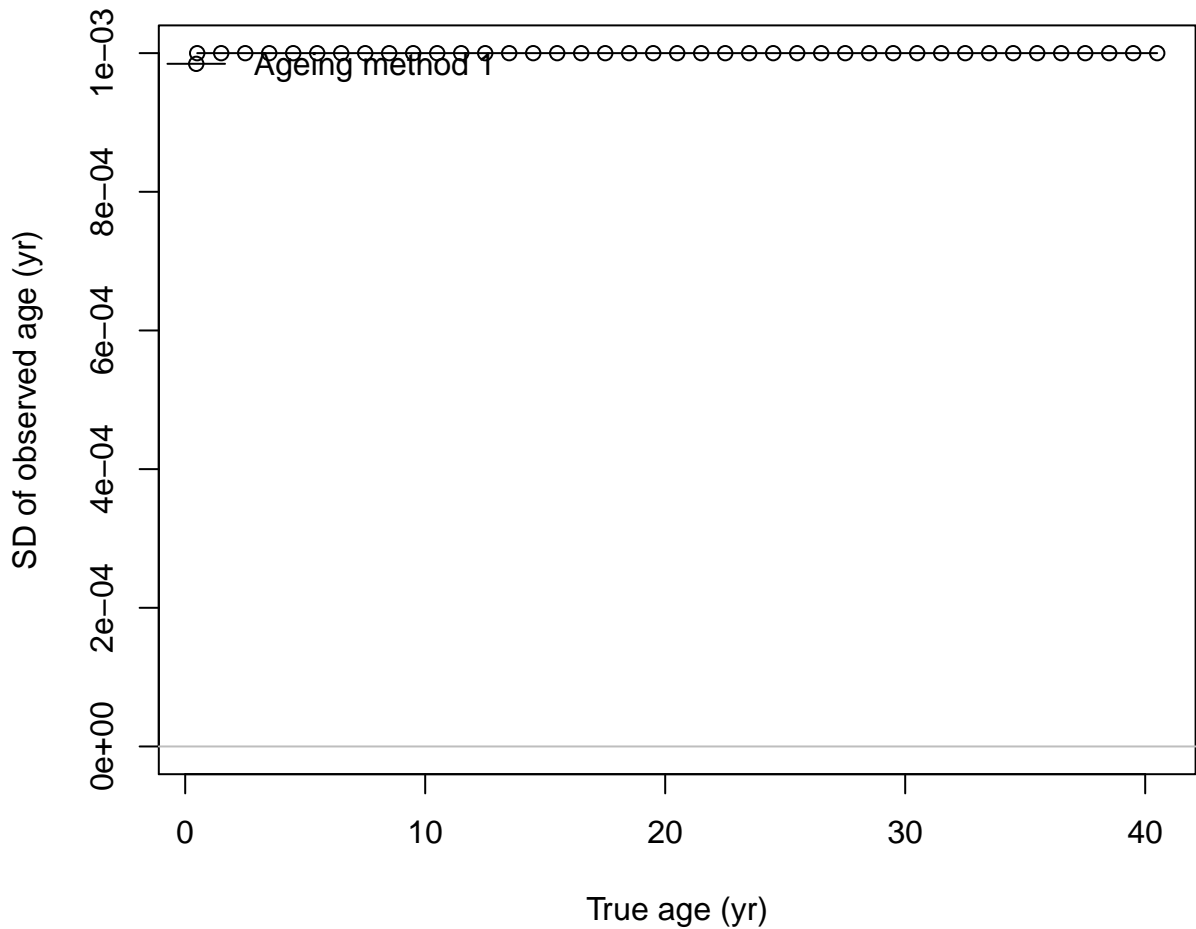




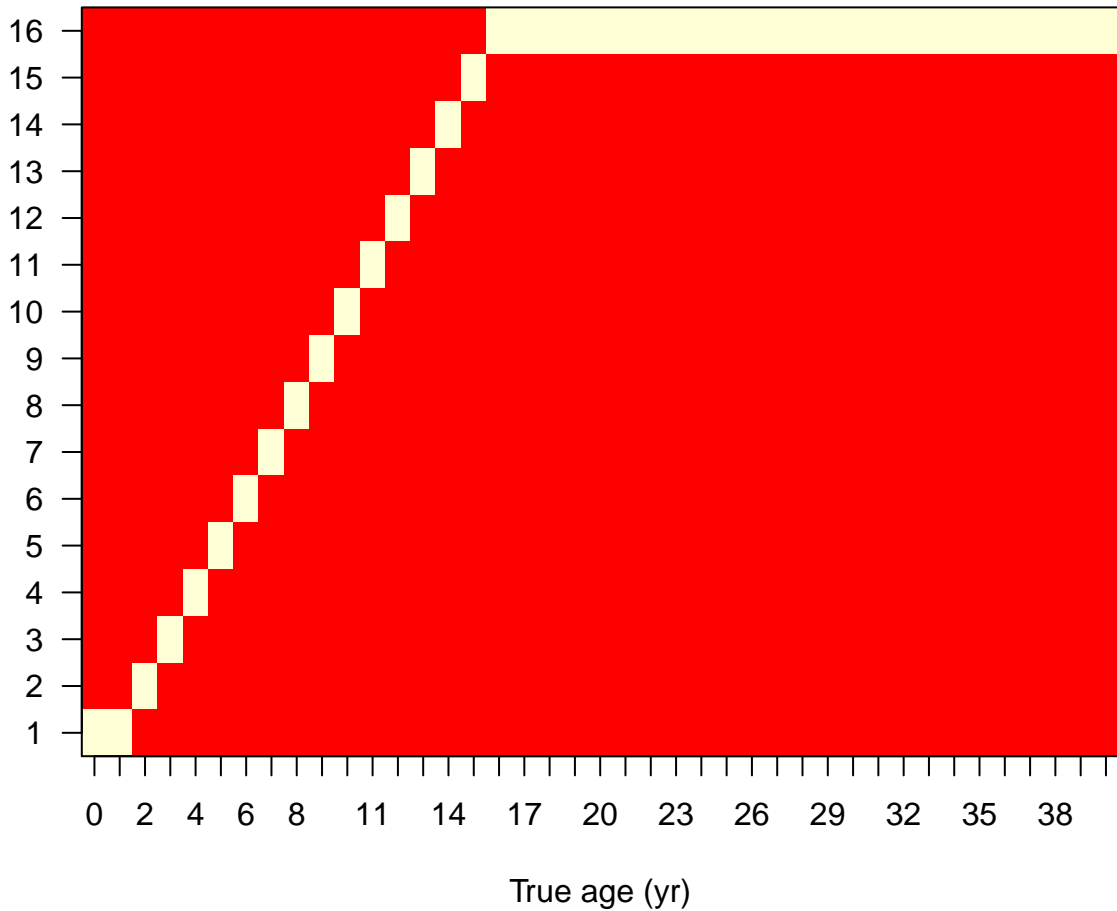
Length



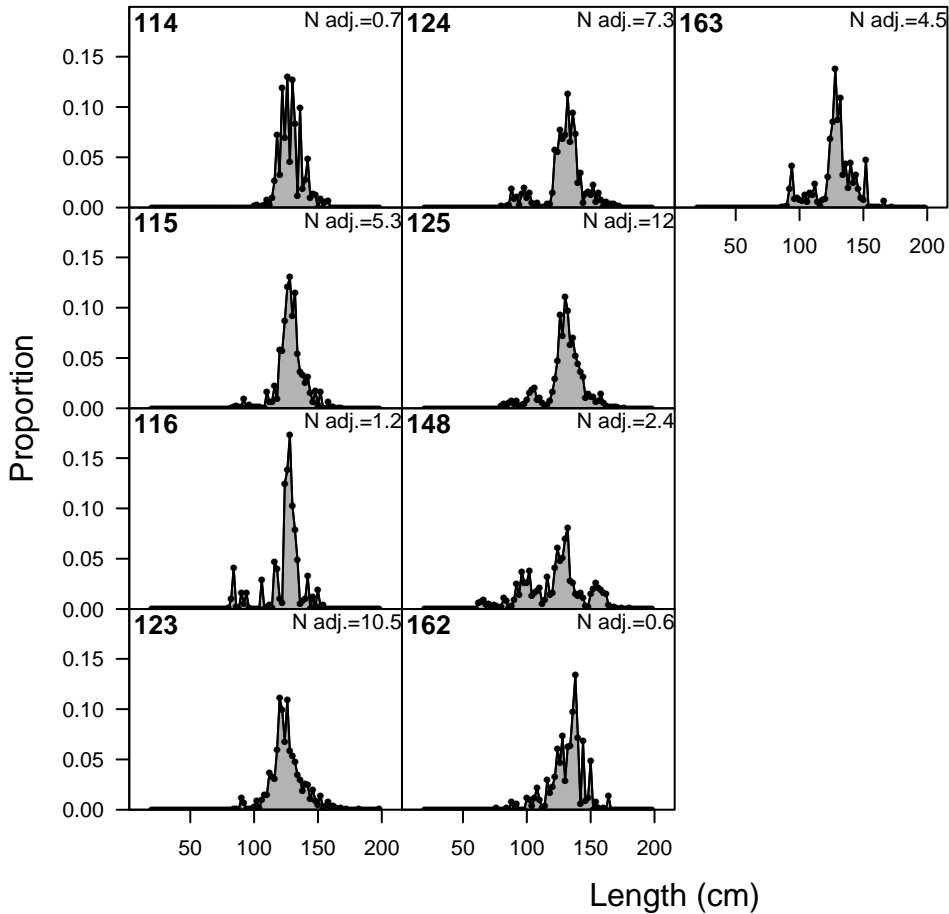




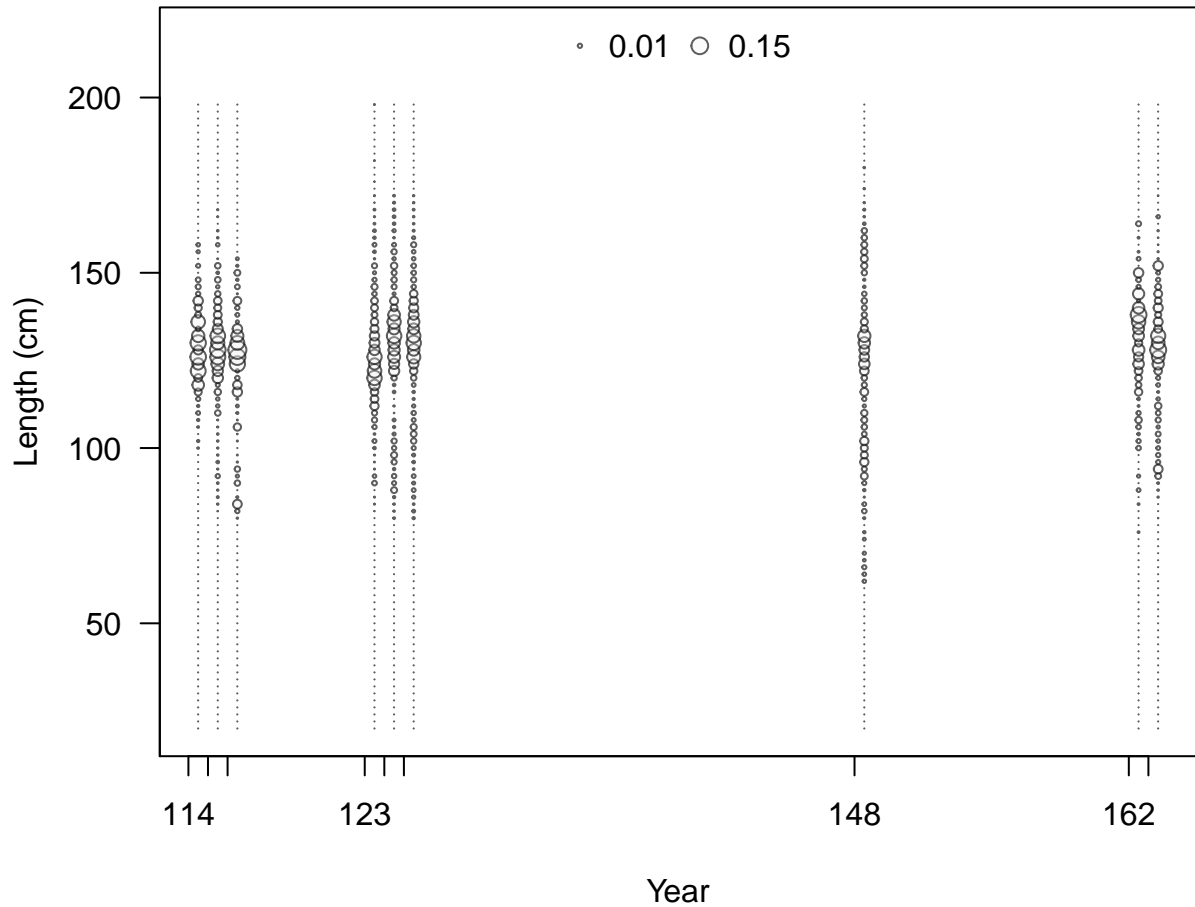
Observed age (yr)



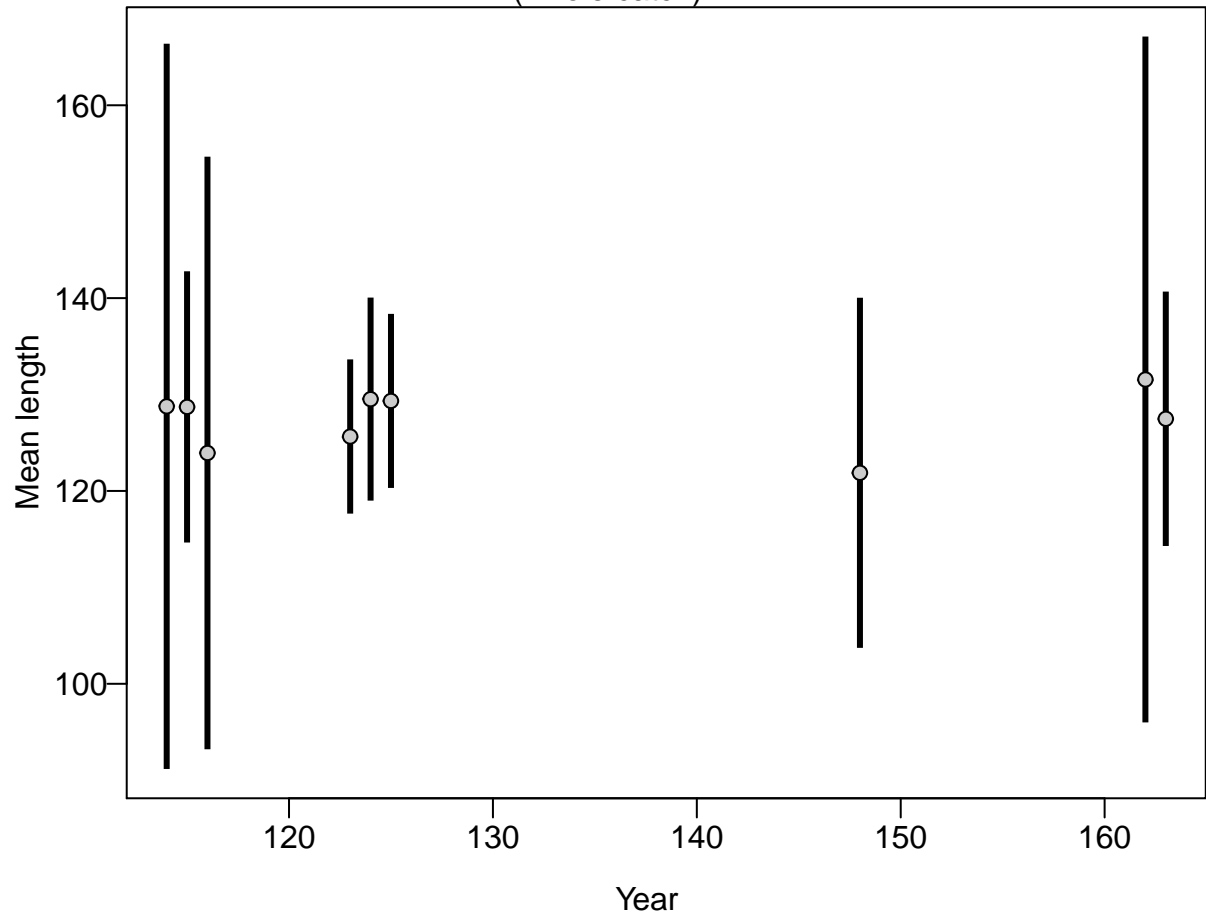
True age (yr)



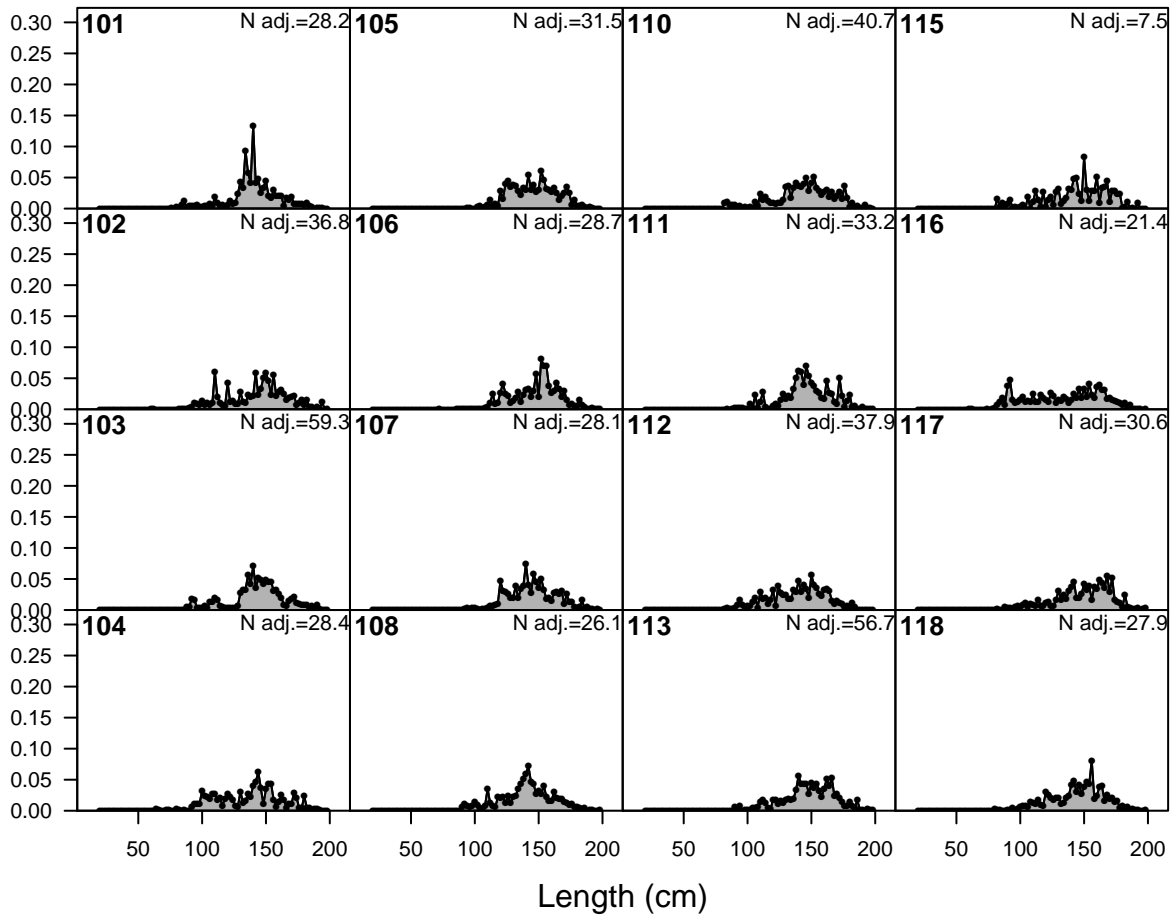




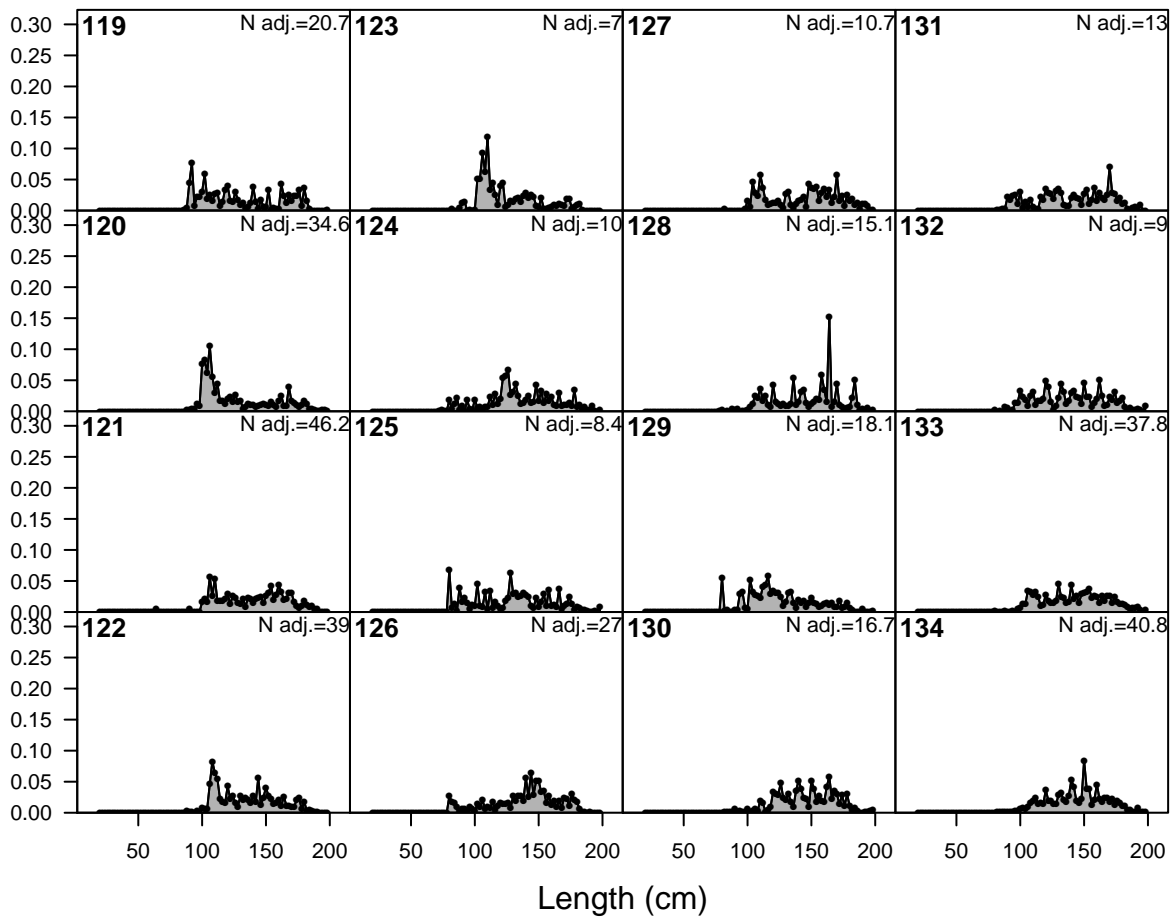
A1-LL-n (whole catch)



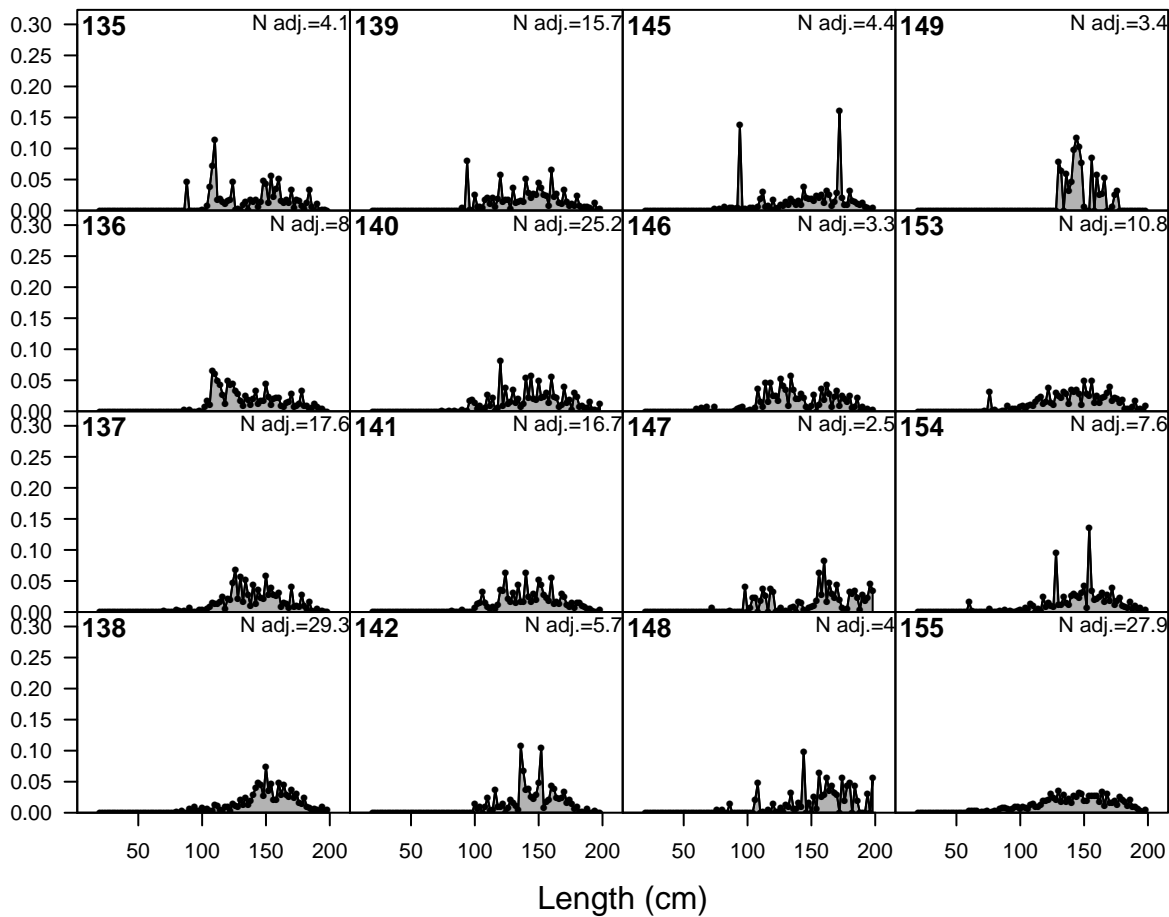
Proportion



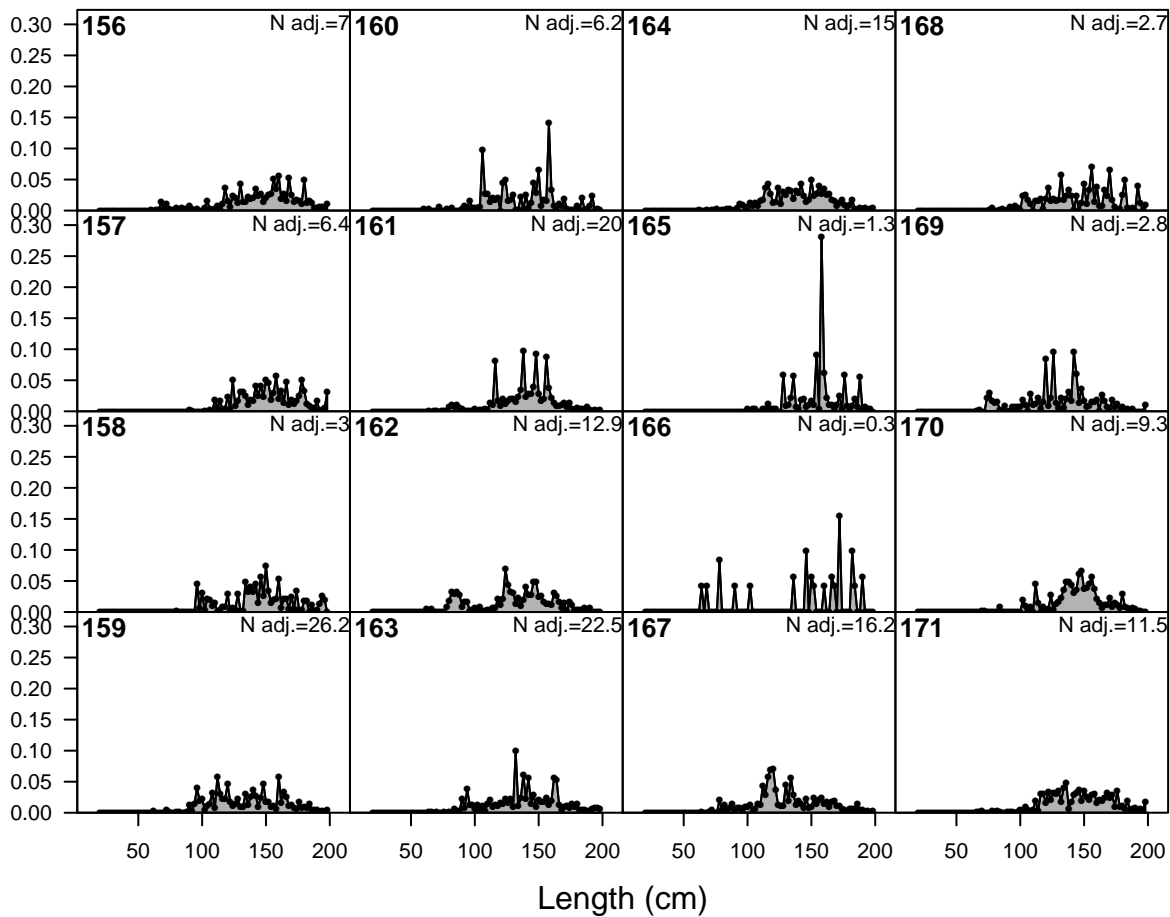
Proportion



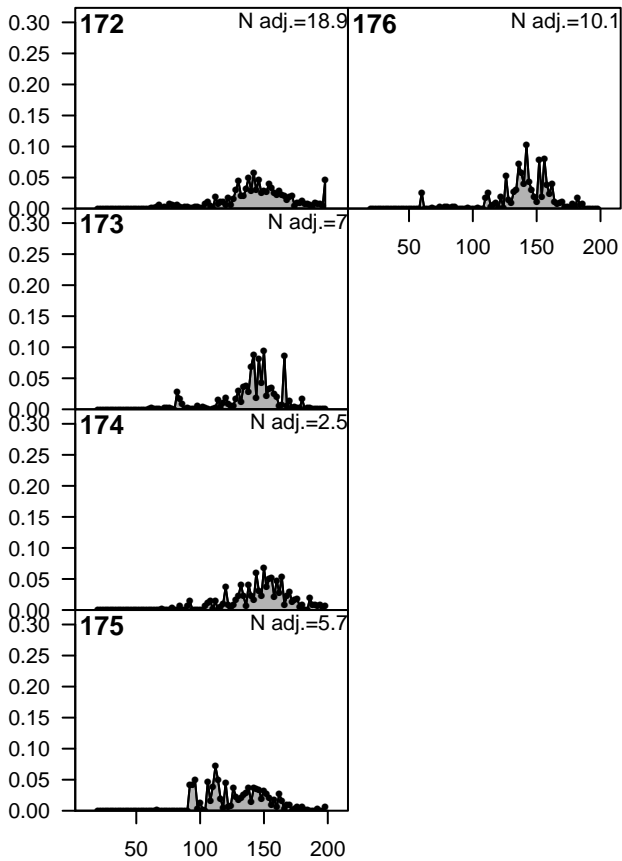
Proportion



Proportion



Proportion



Length (cm)

200

150

100

50

◦ 0.01 ○ 0.2

101

108

115

122

129

136

145

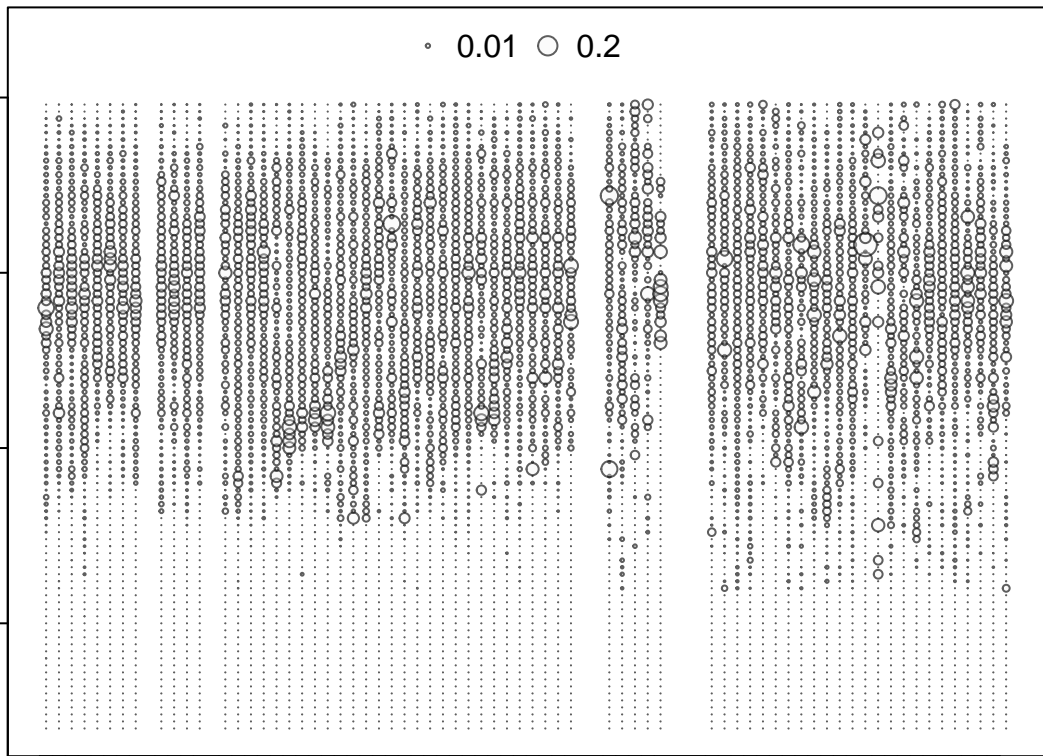
153

160

167

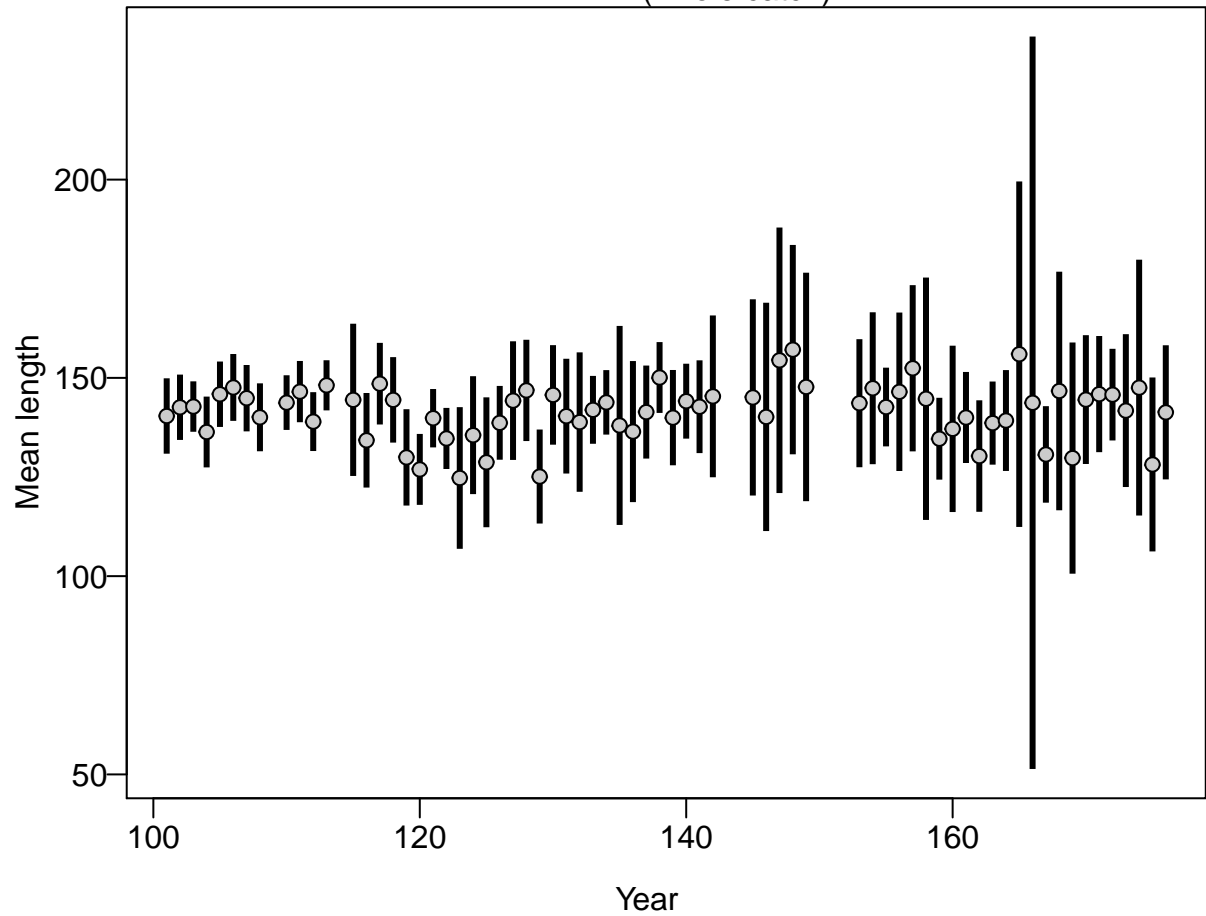
174

Year

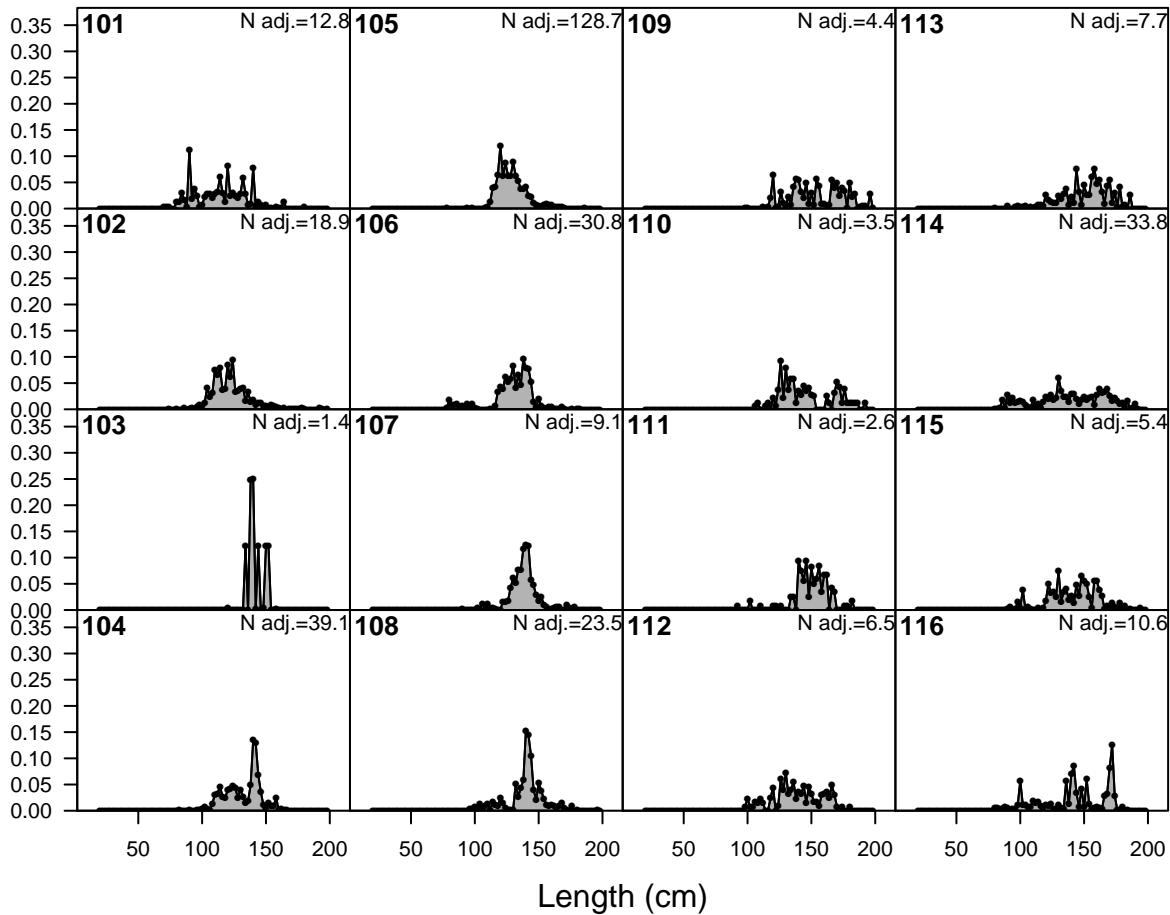




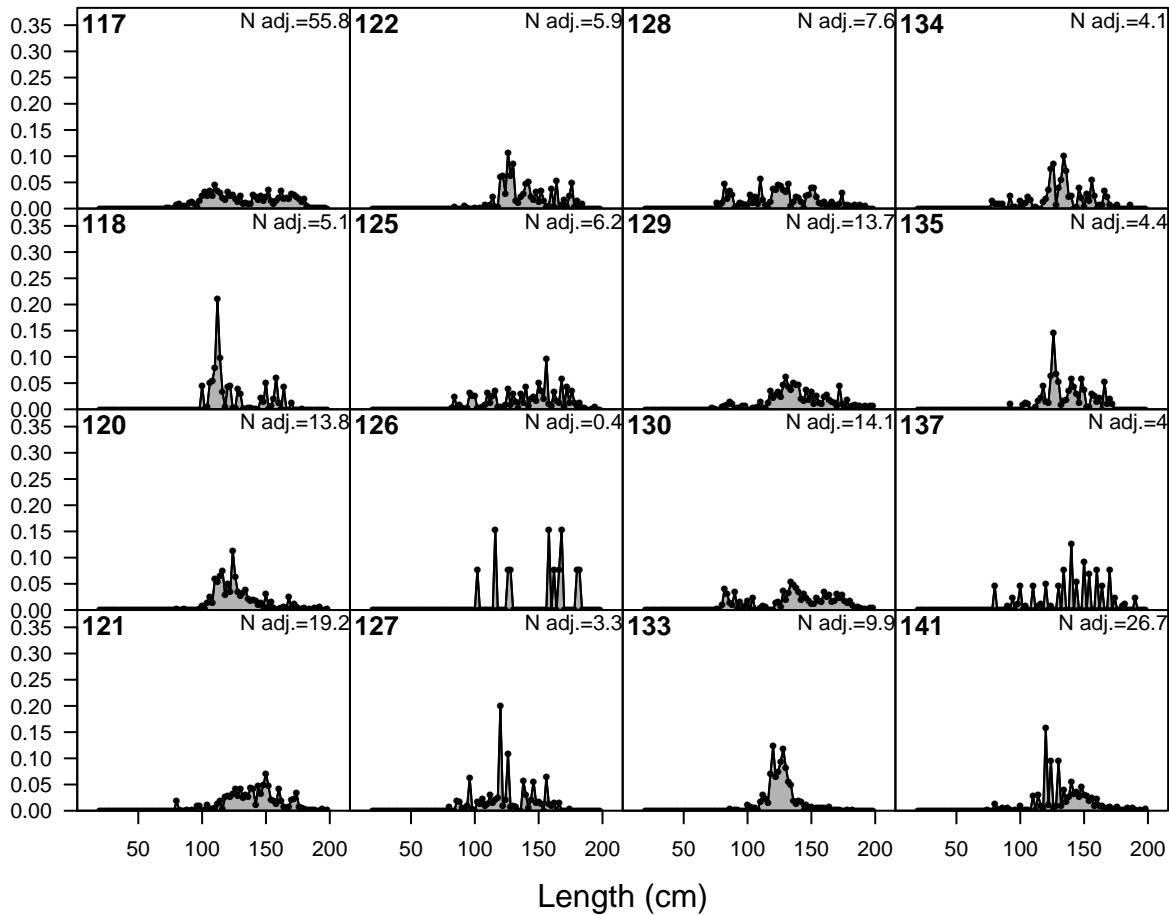
A2-LL-n (whole catch)



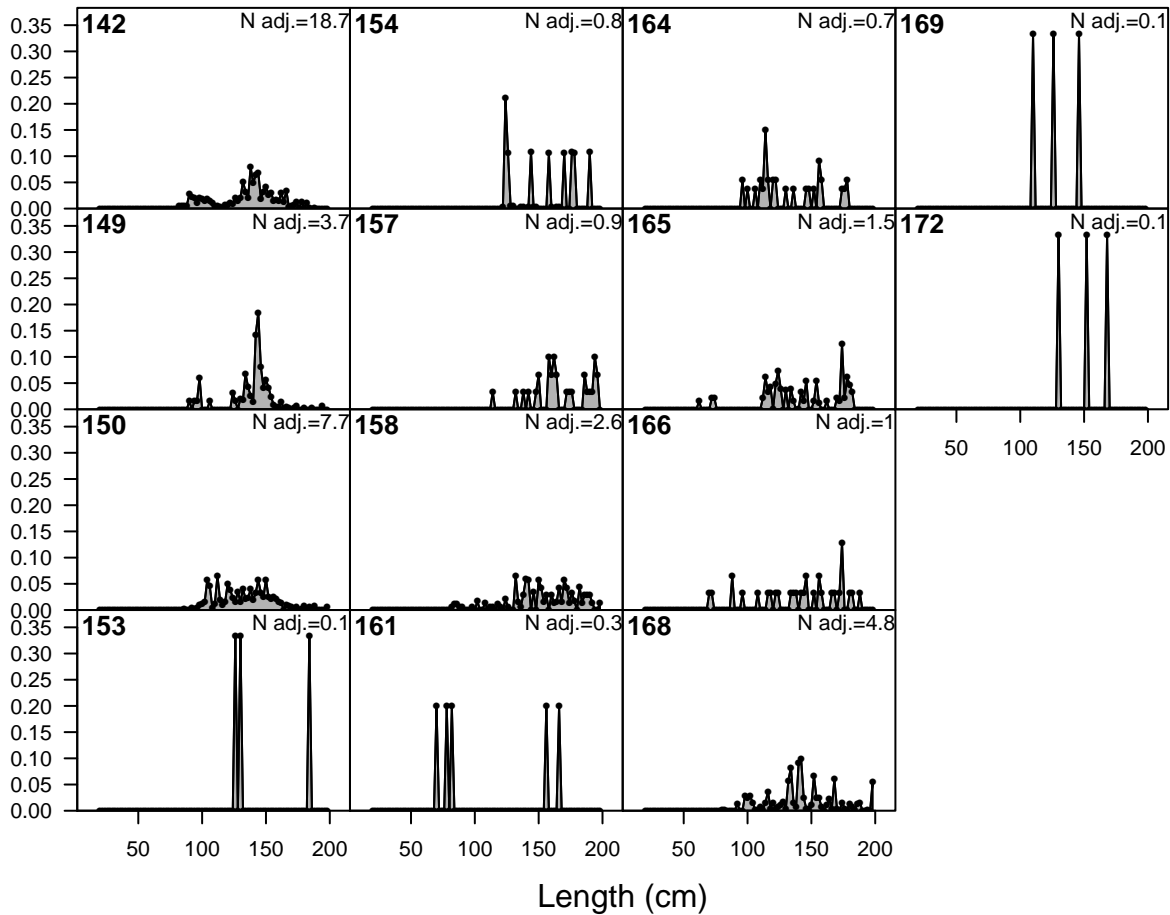
Proportion

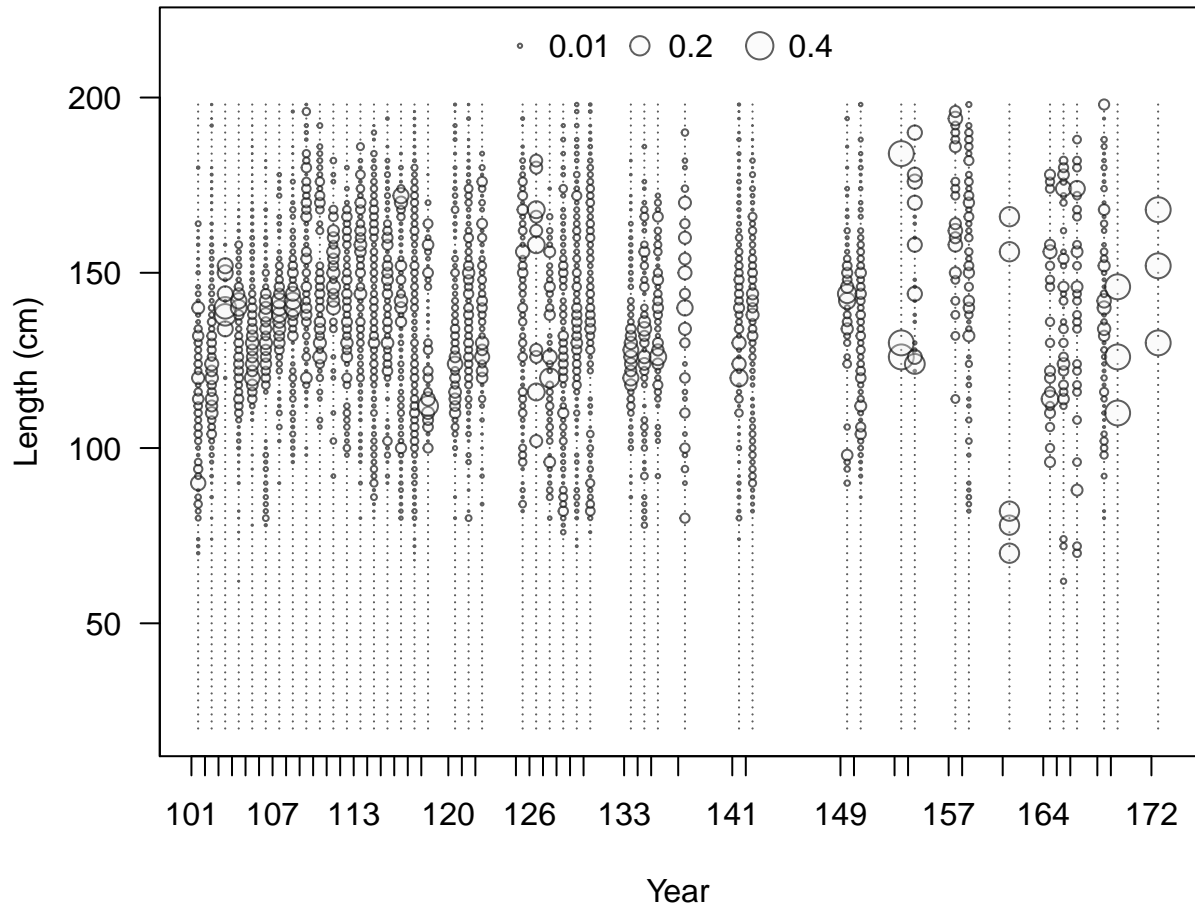


Proportion

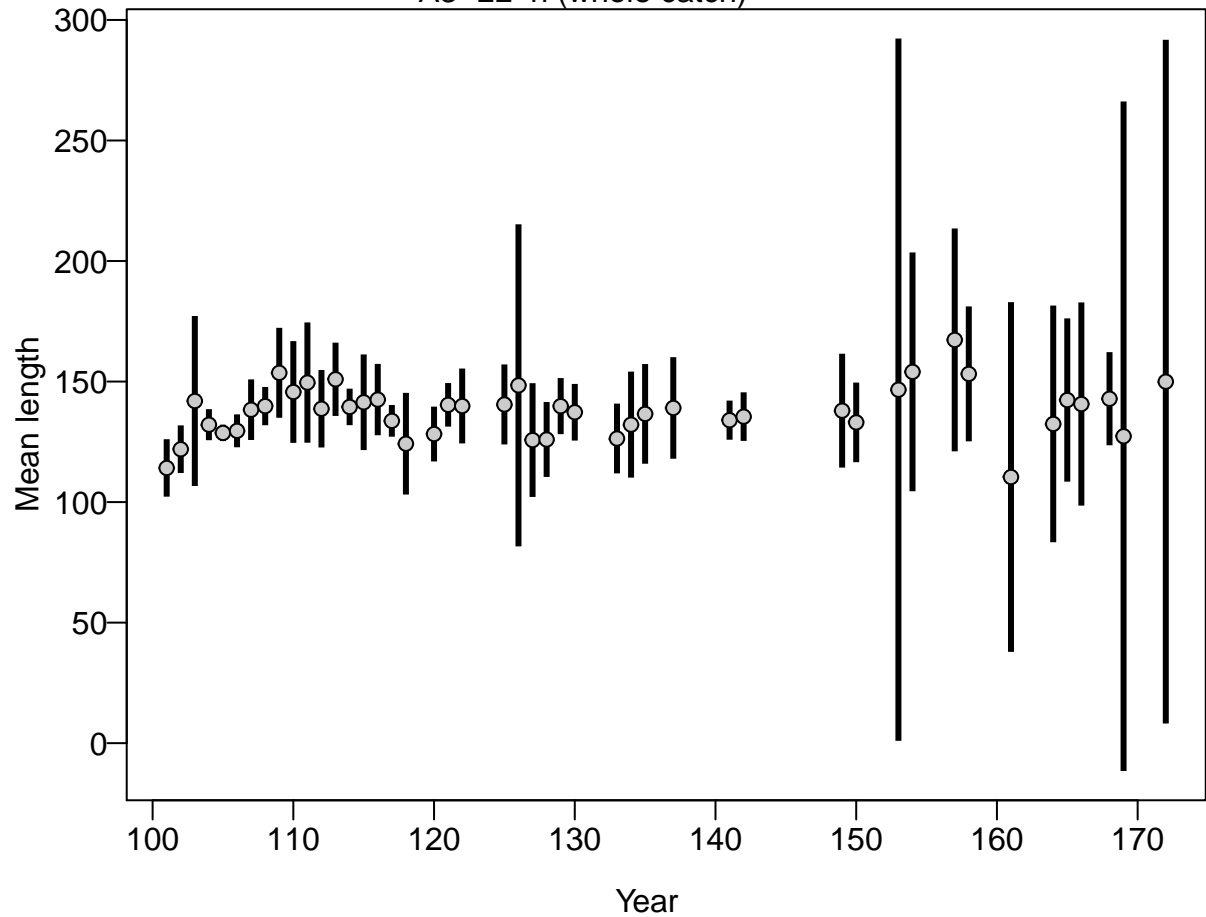


Proportion

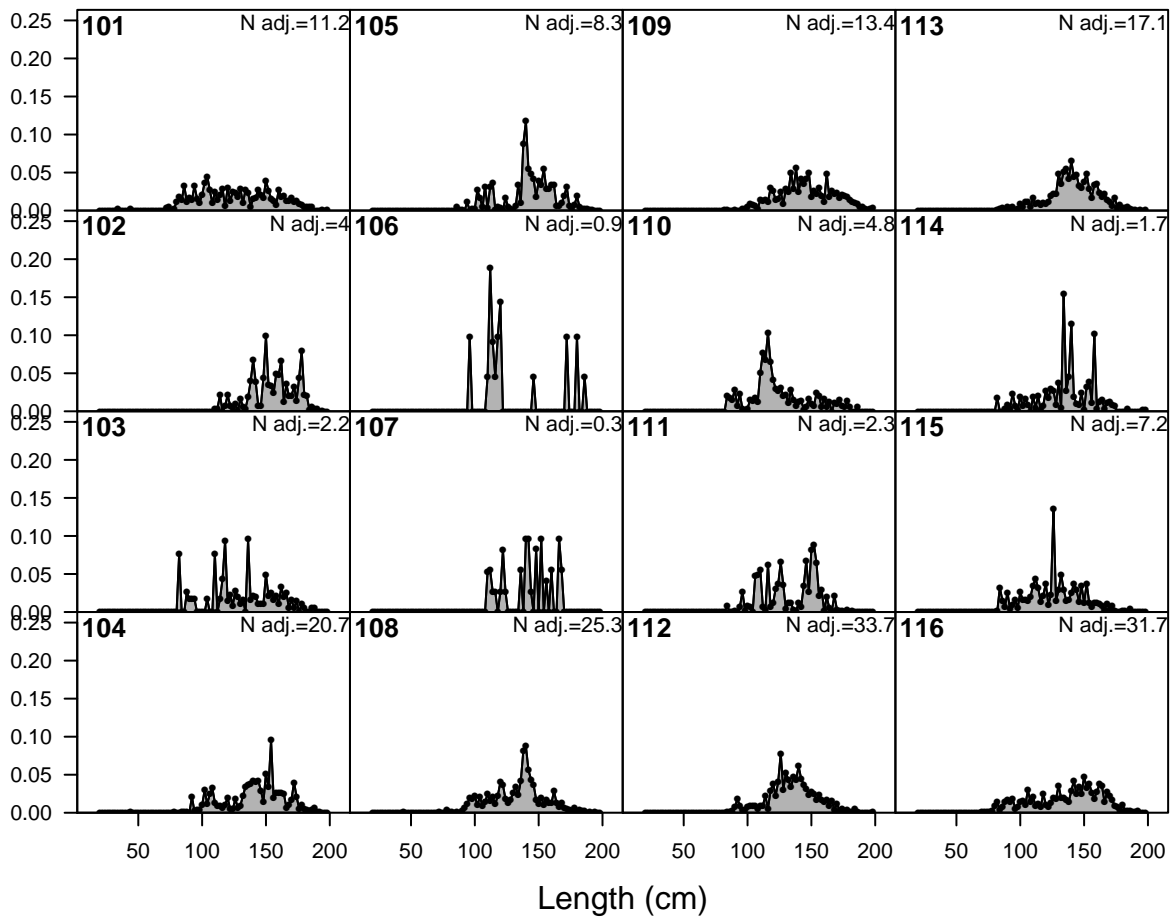




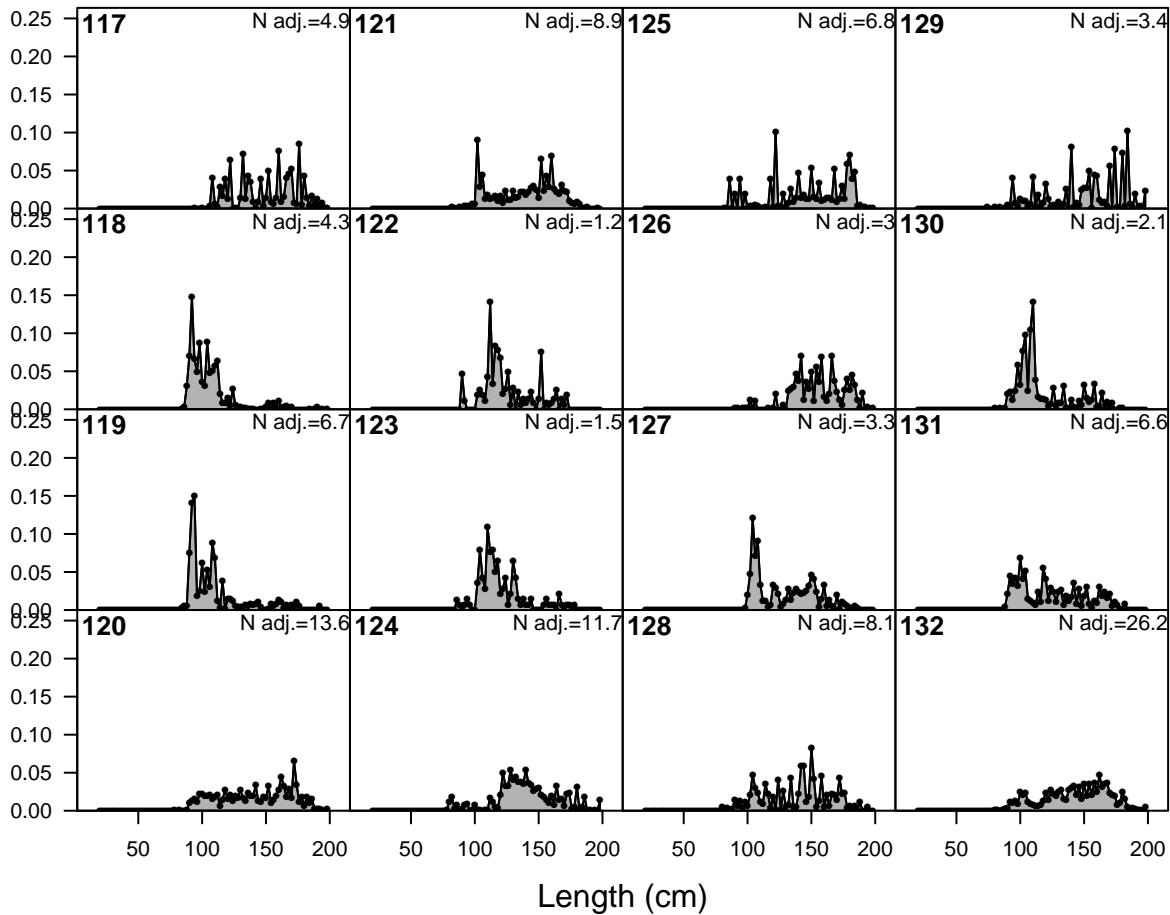
A3-LL-n (whole catch)



Proportion

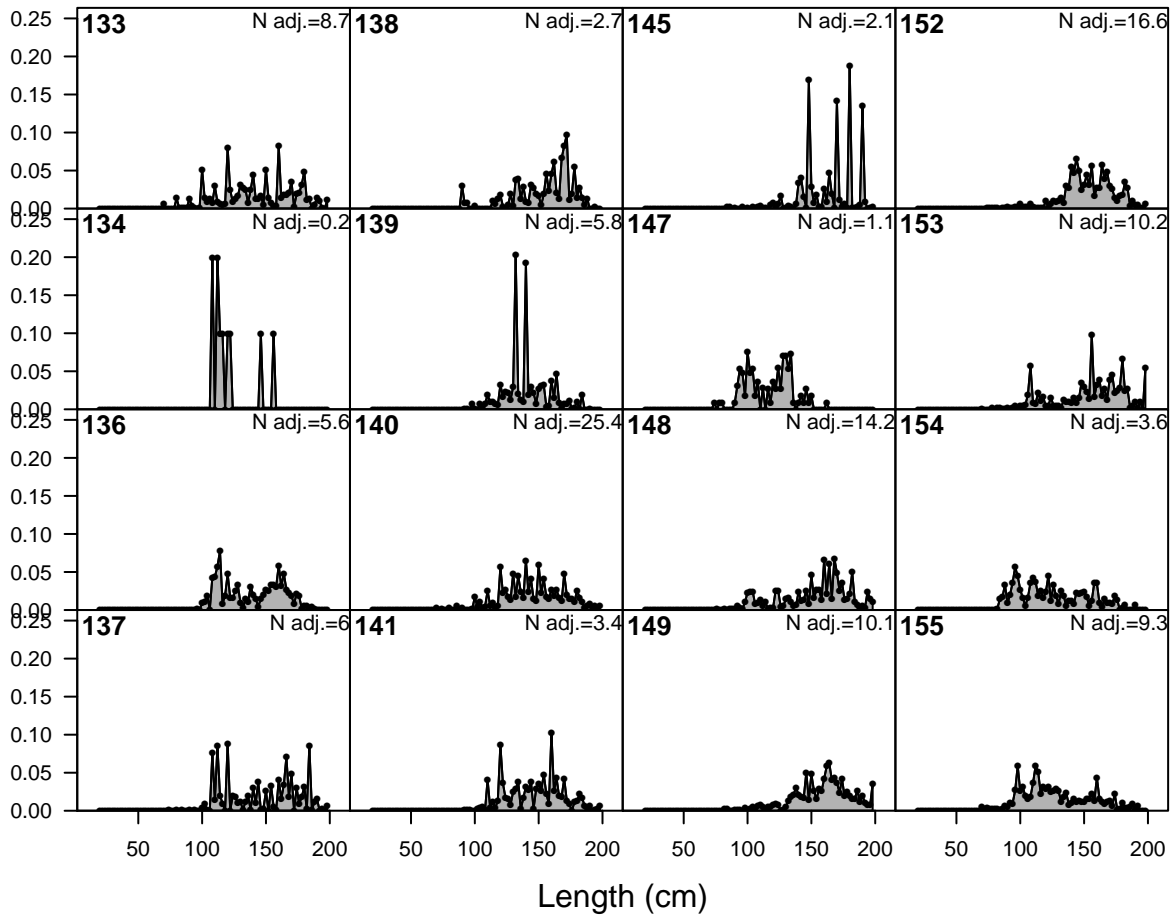


Proportion

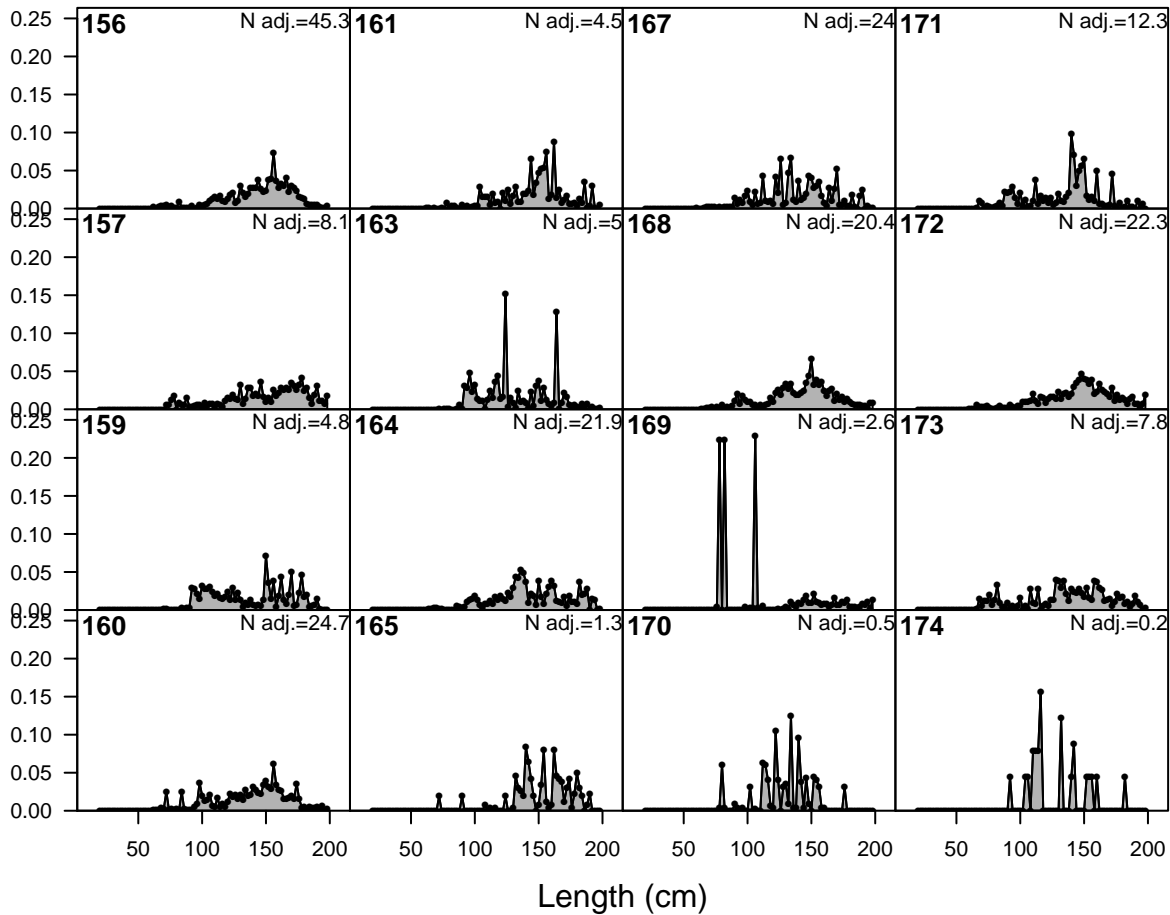


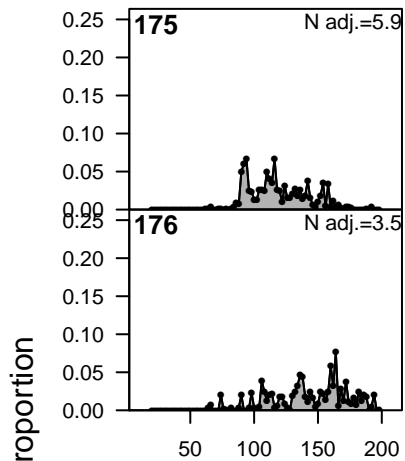


Proportion

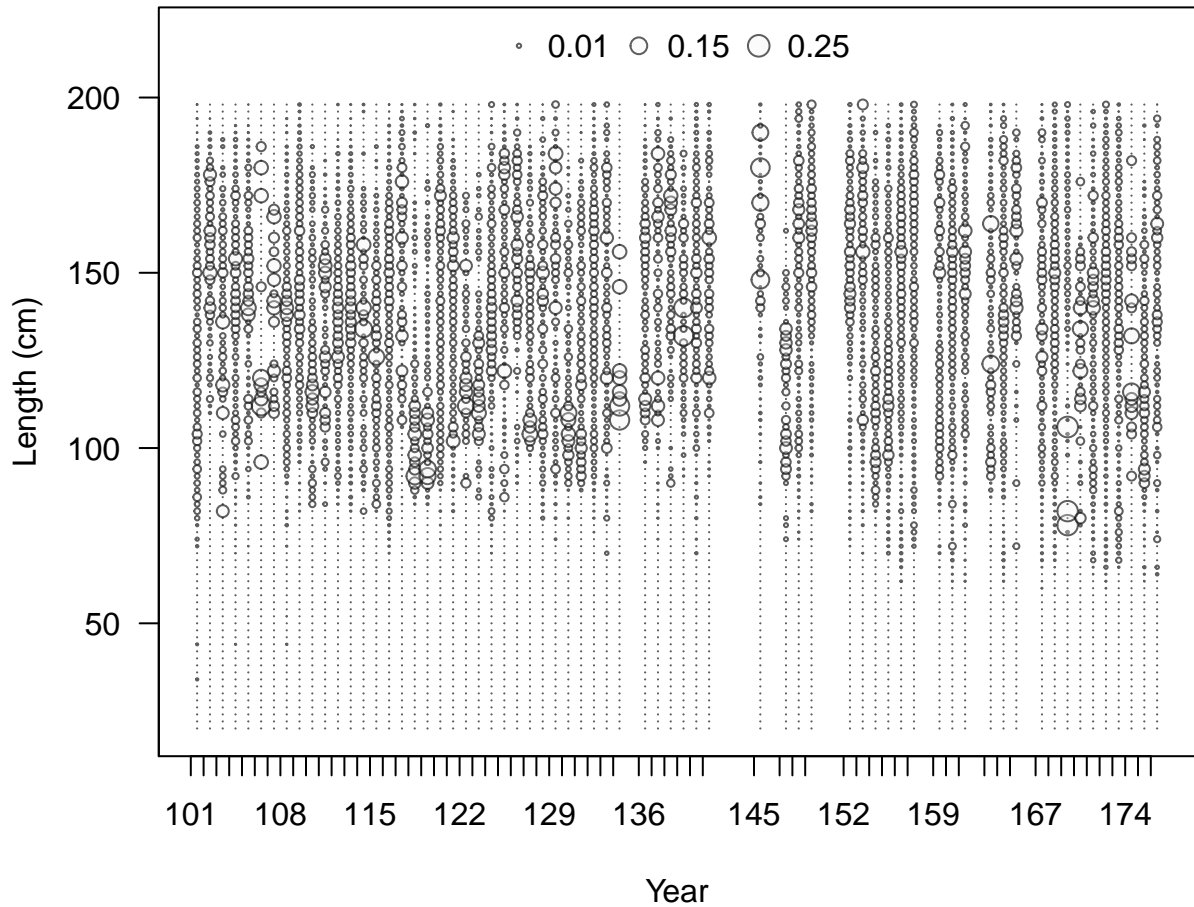


Proportion

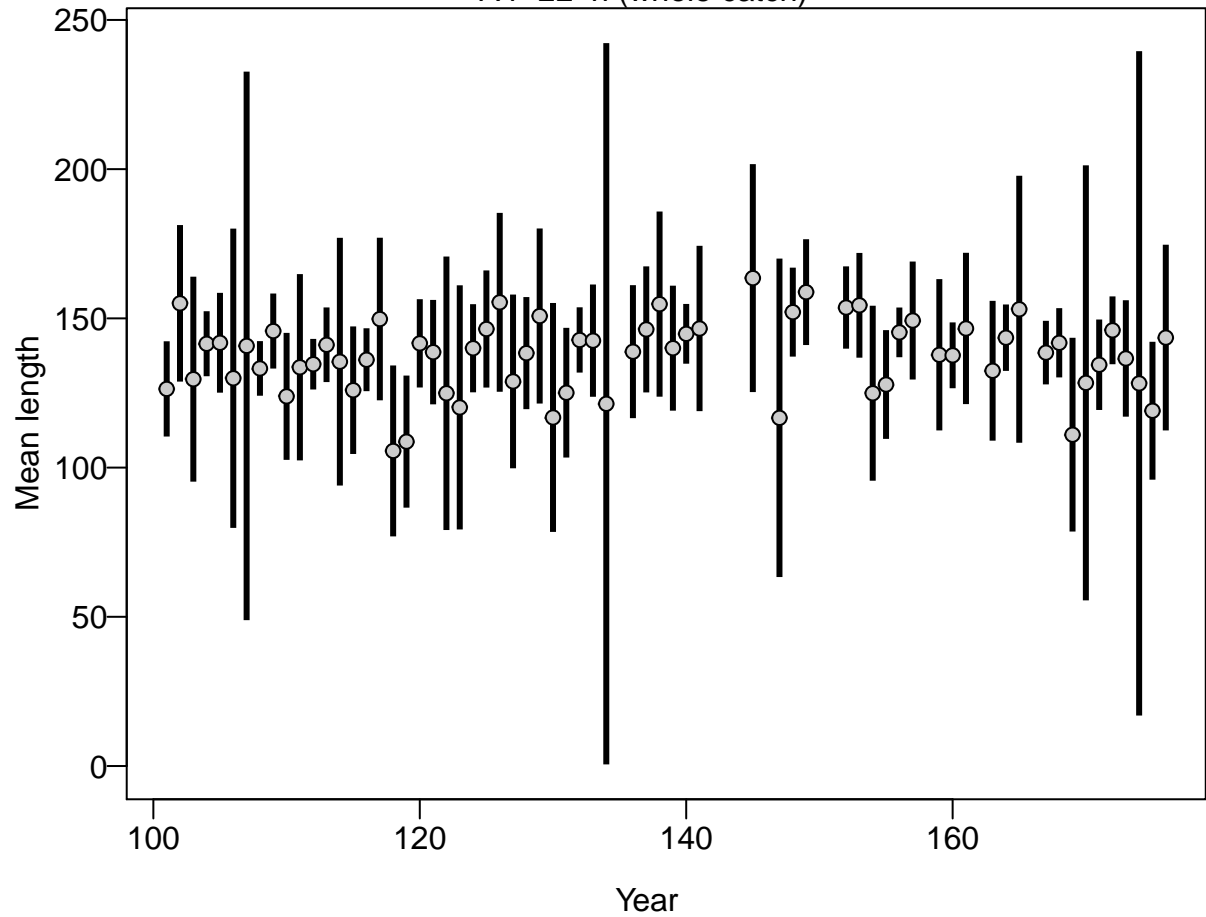




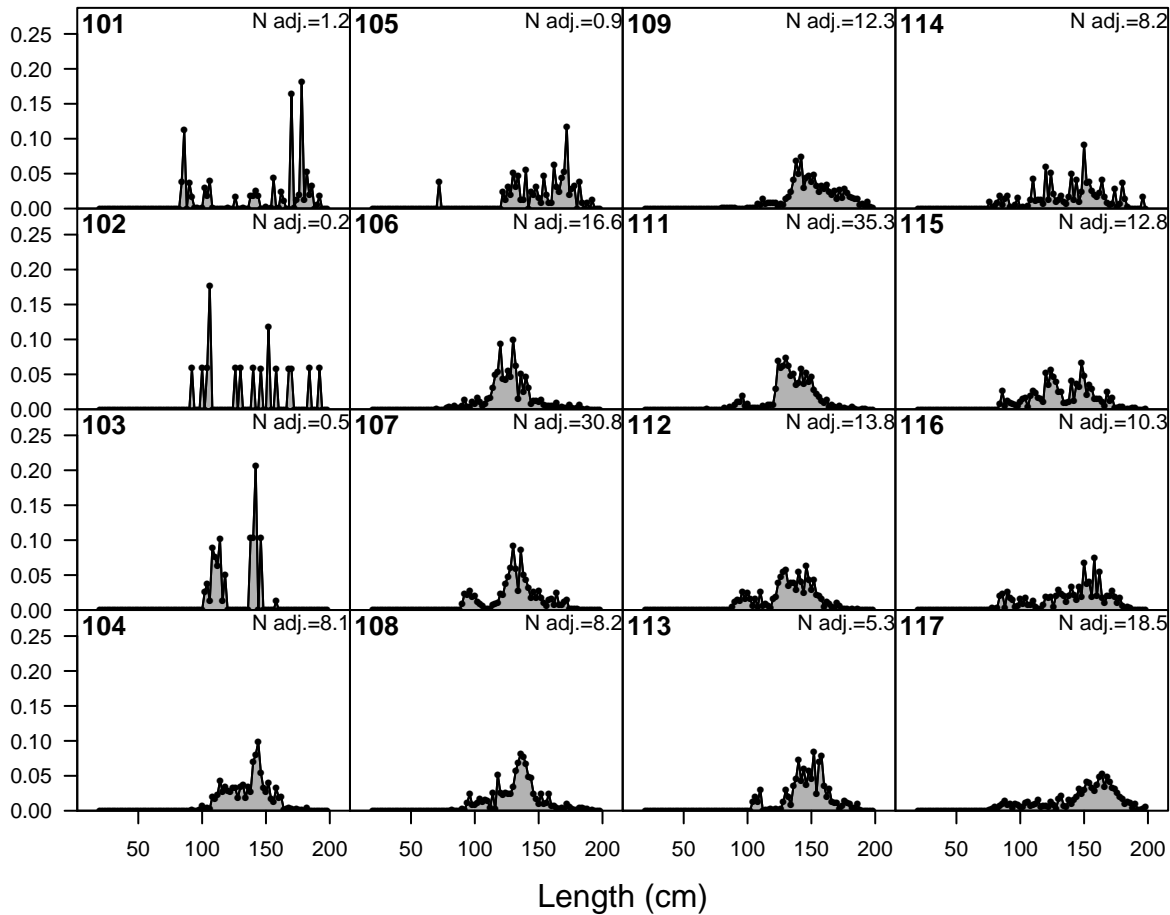
Length (cm)



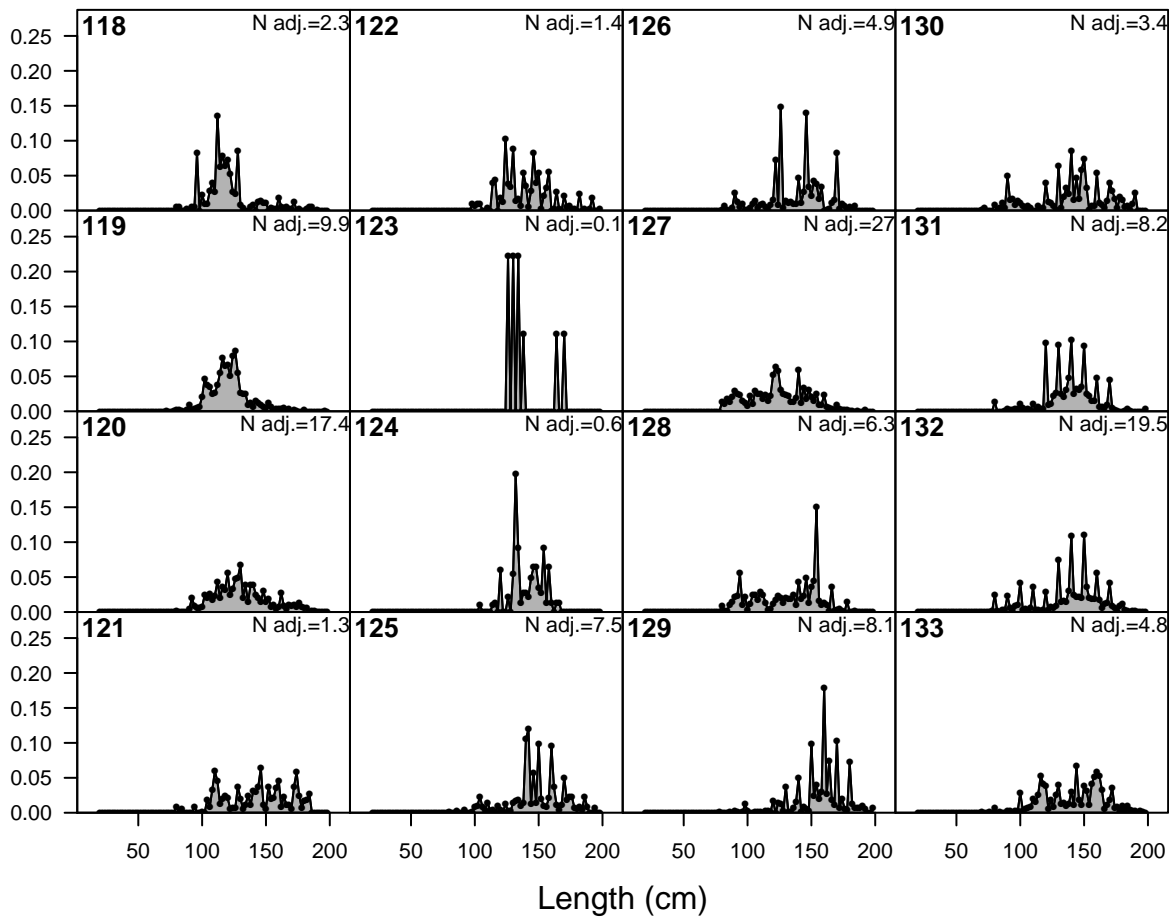
A4-LL-n (whole catch)



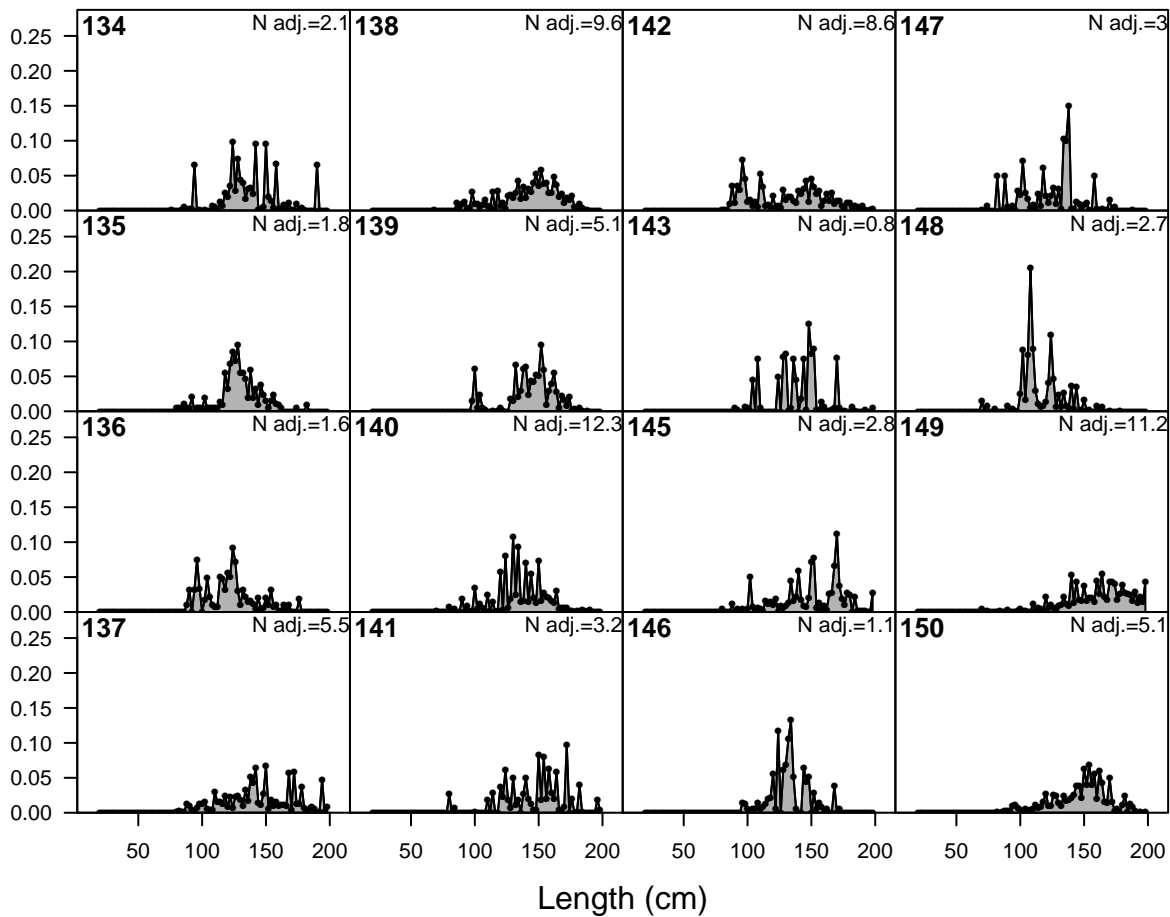
Proportion



Proportion

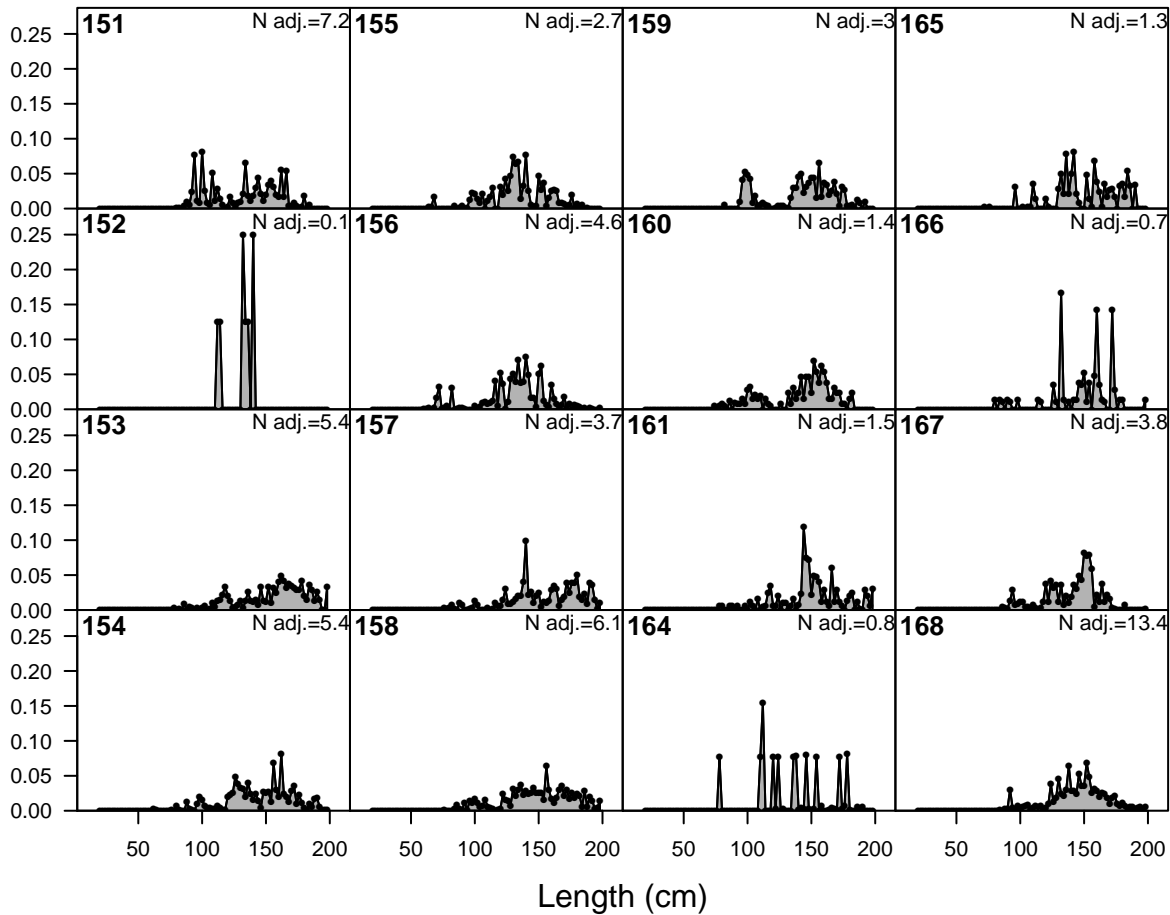


Proportion

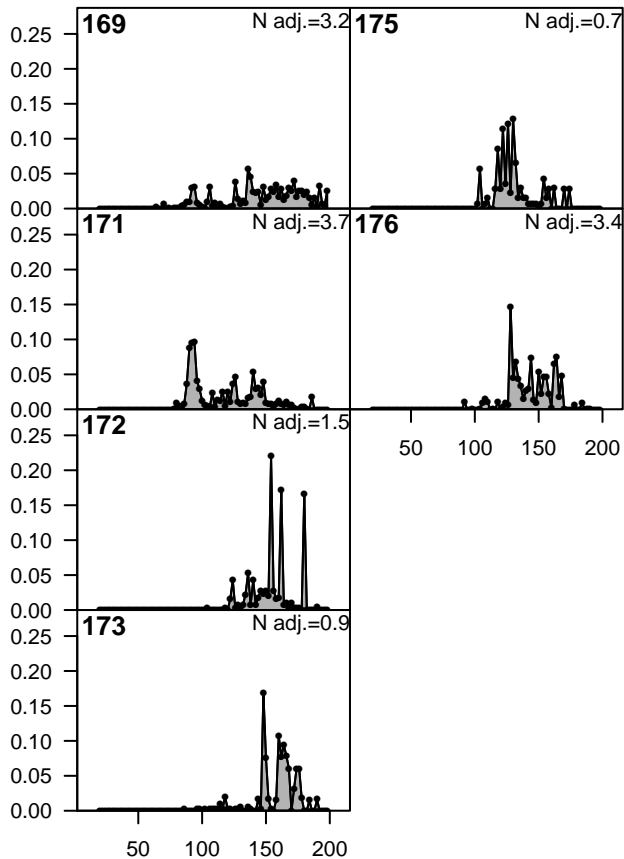




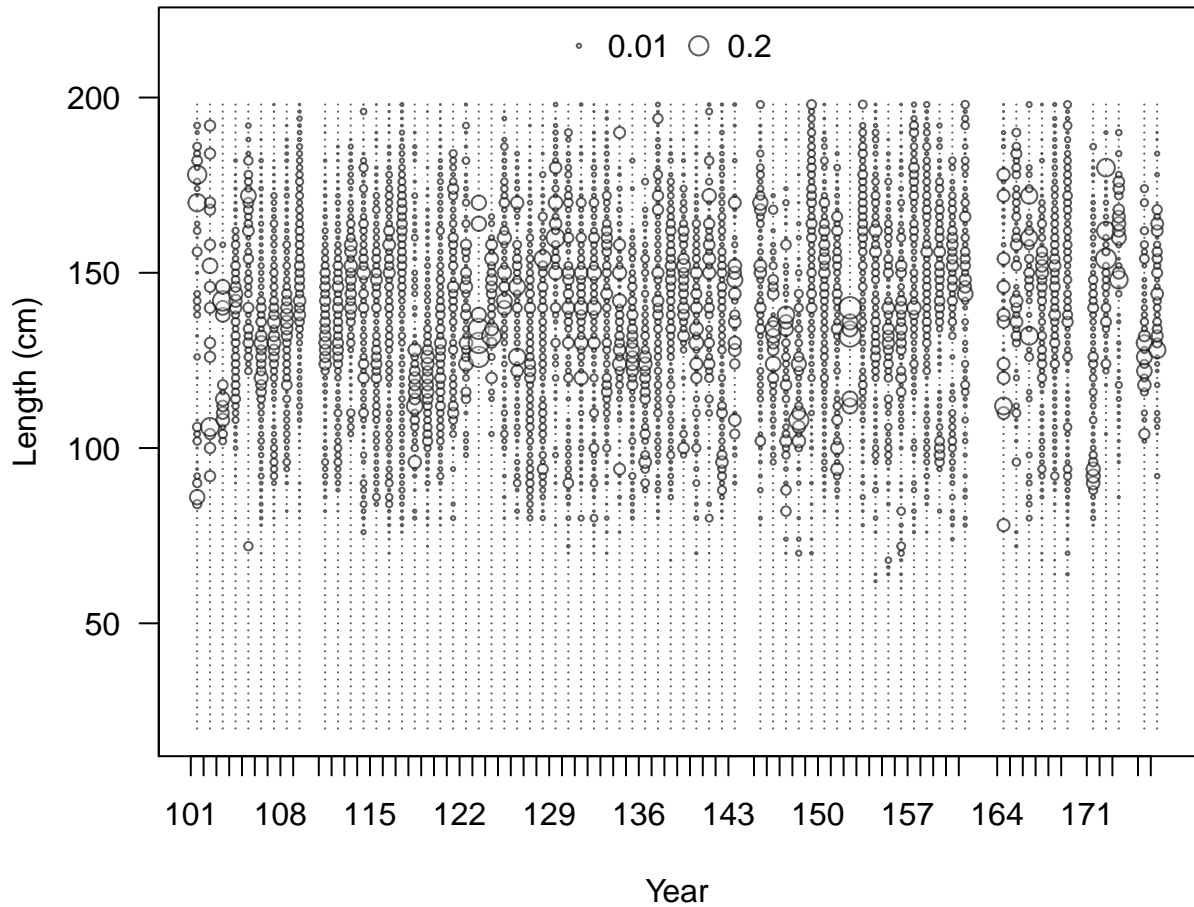
Proportion



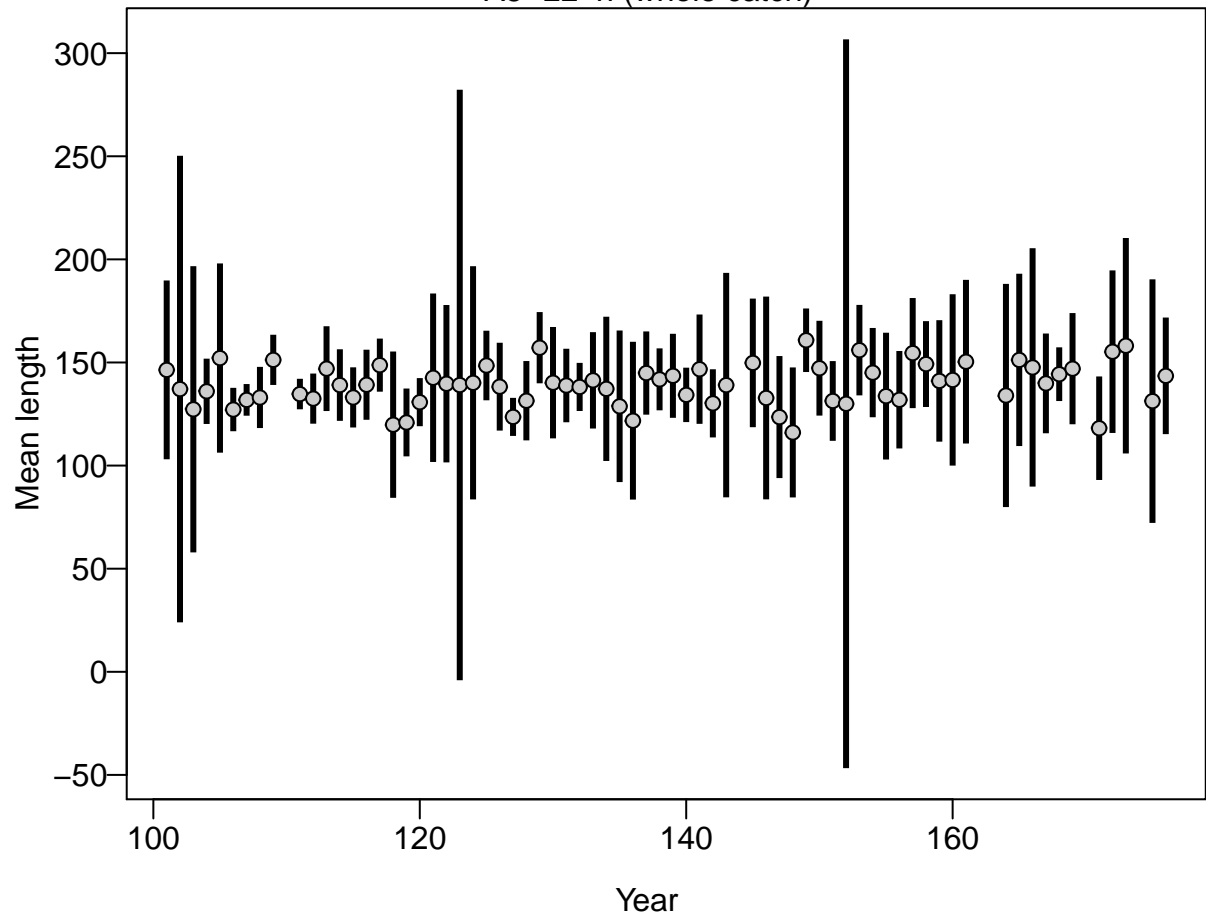
Proportion

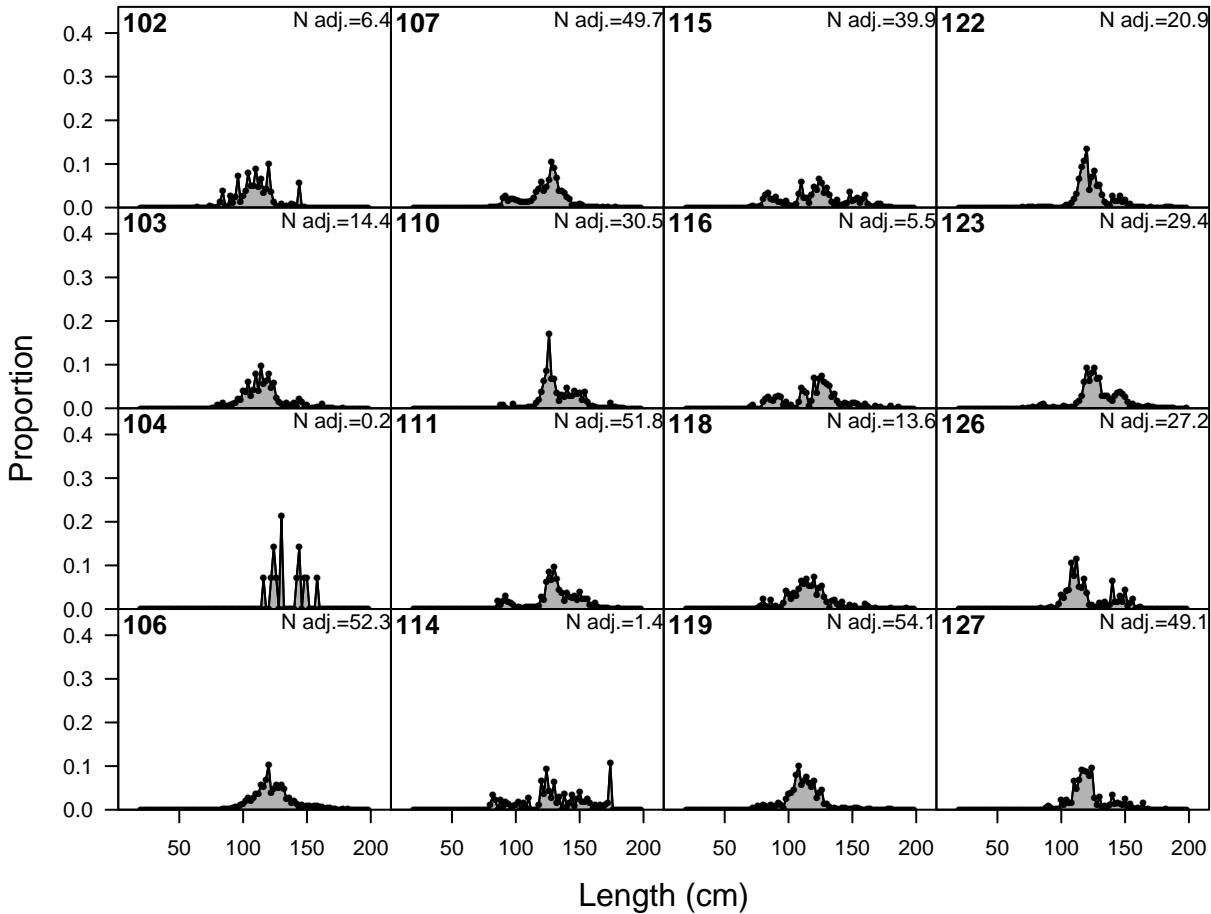


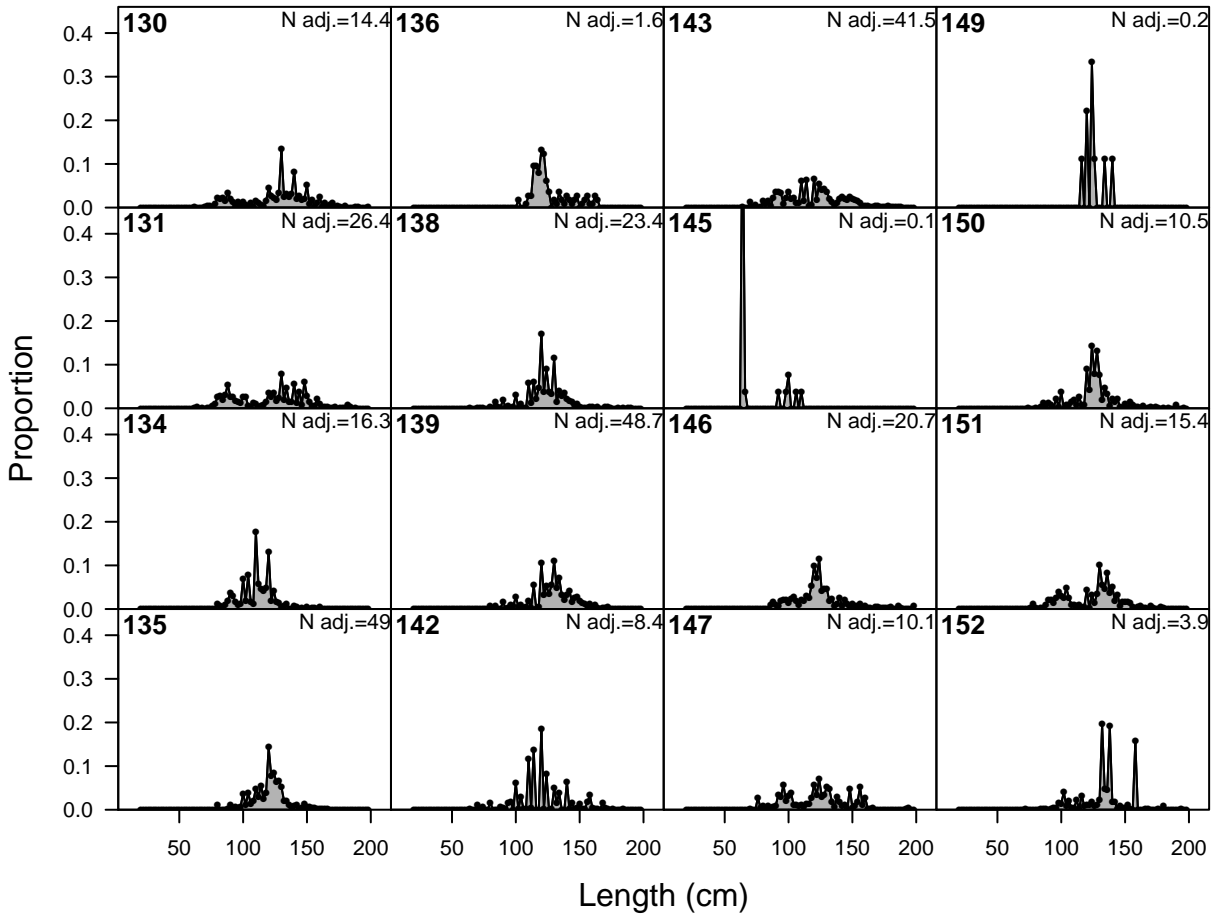
Length (cm)

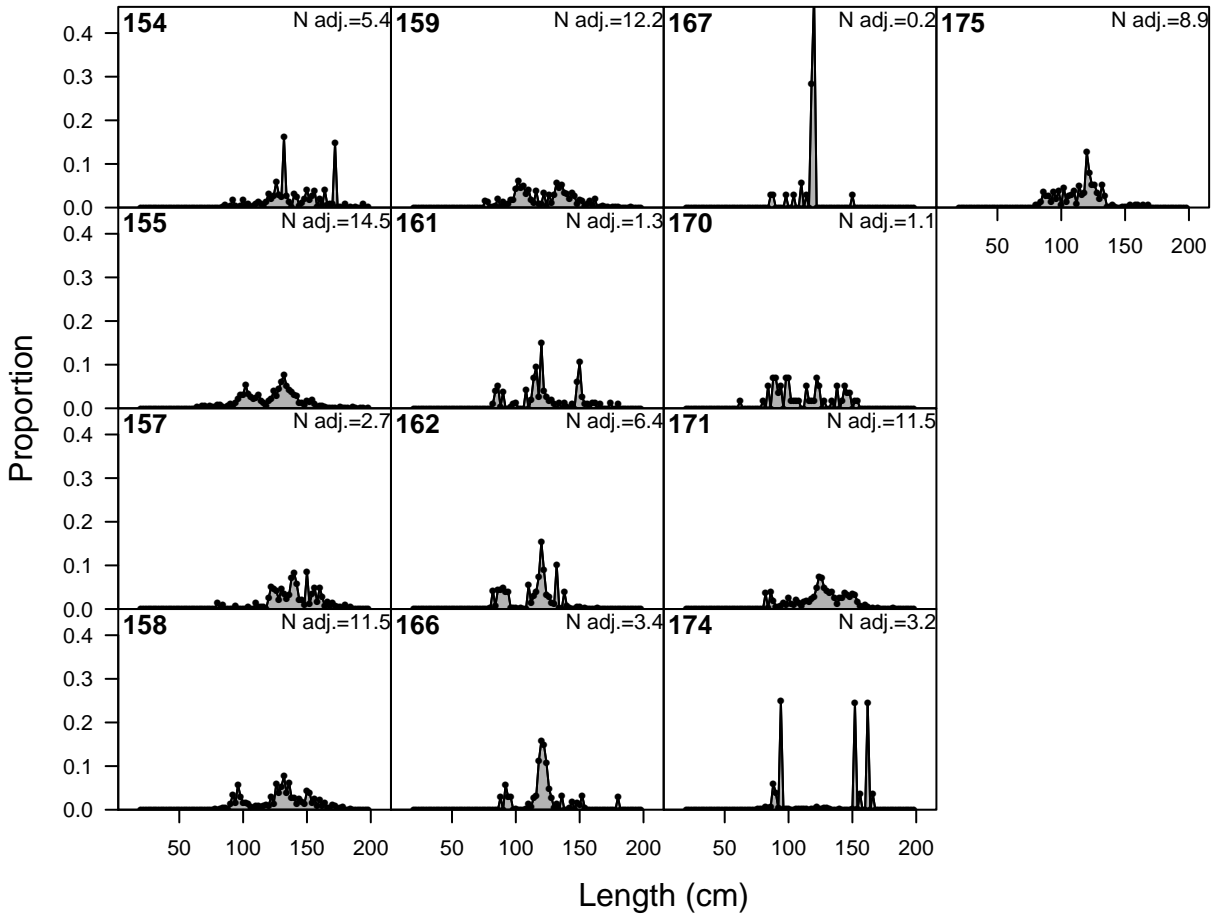


A5-LL-n (whole catch)









Length (cm)

200

150

100

50

◦ 0.01 ○ 0.5 ○ 1

102

110

118

126

134

142

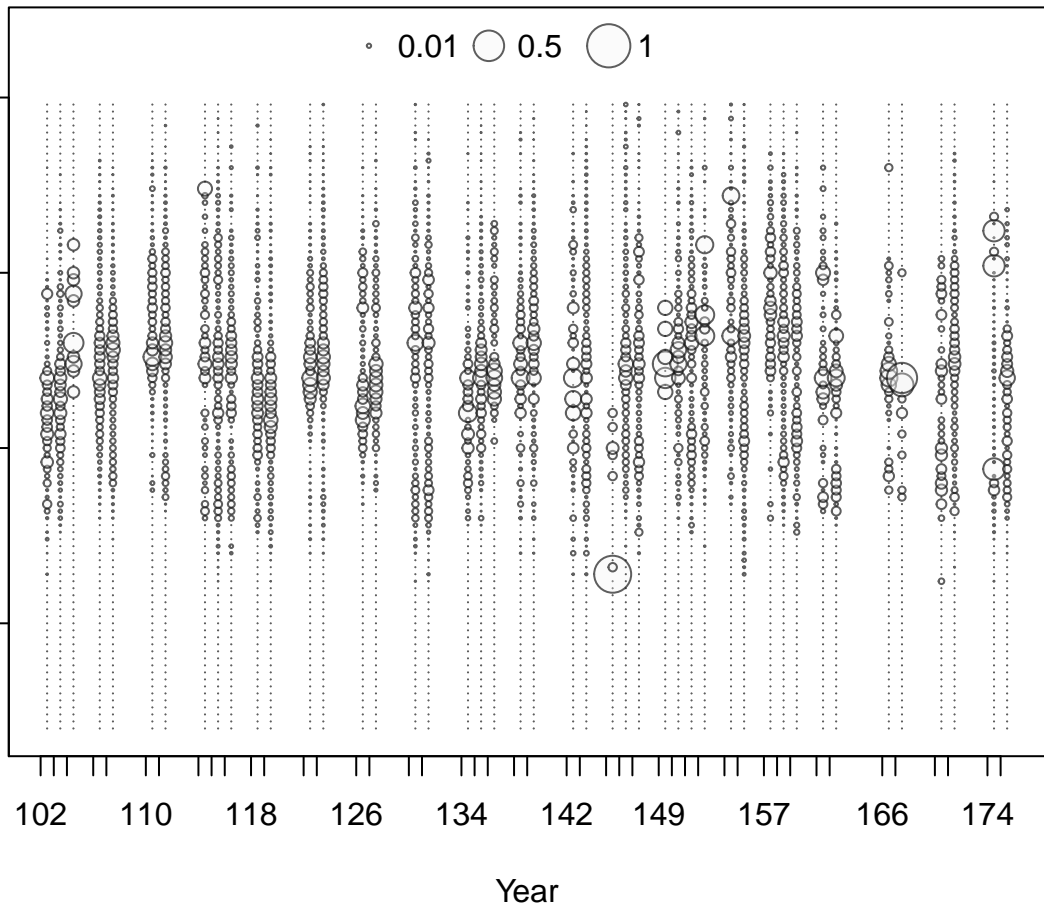
149

157

166

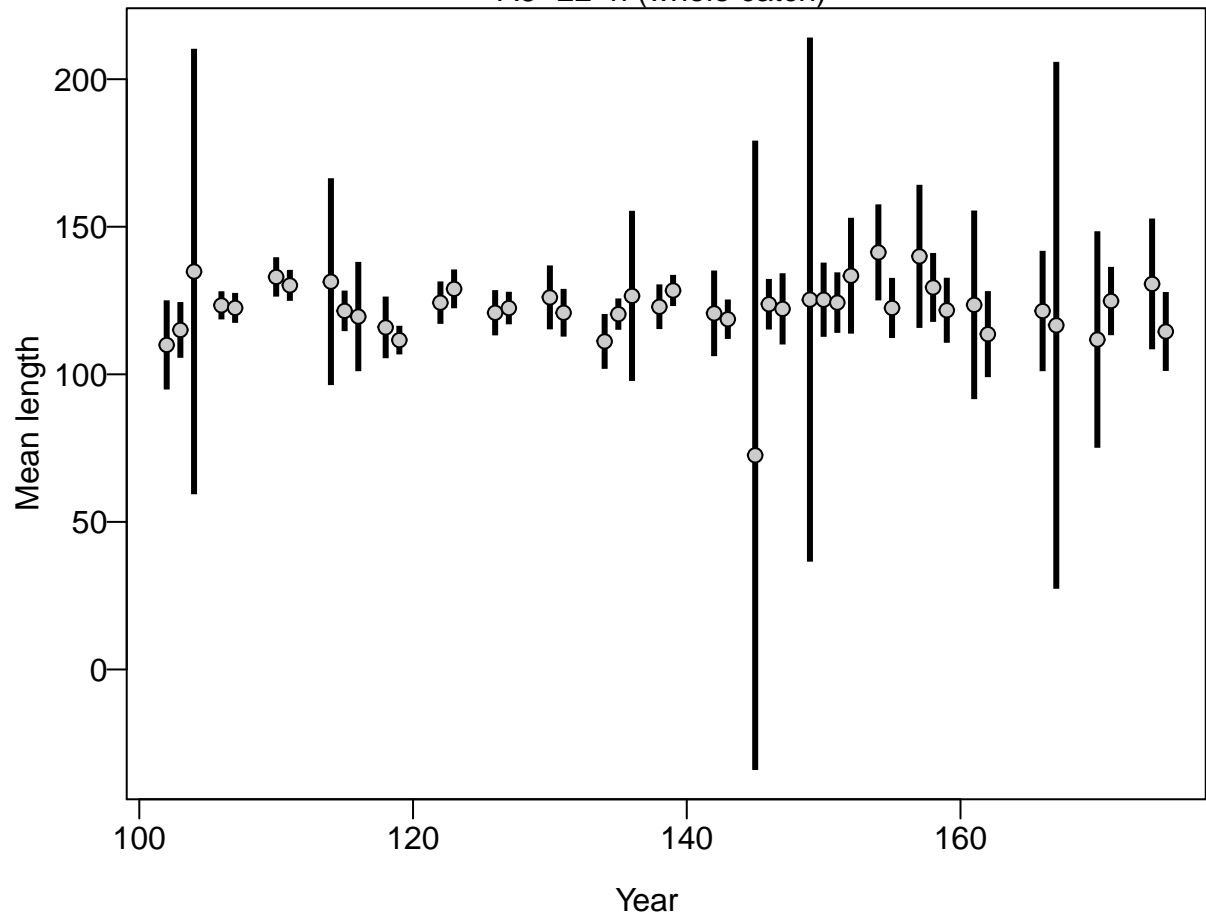
174

Year

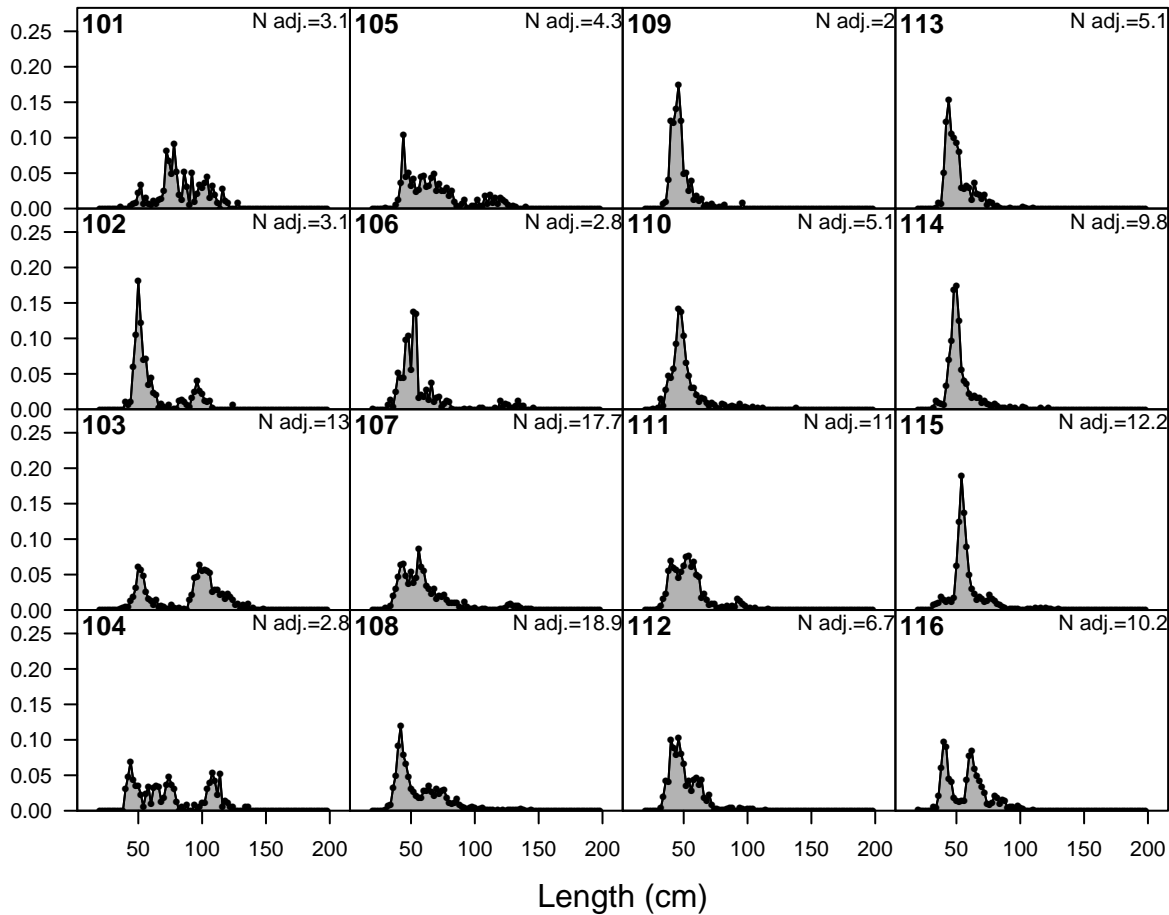




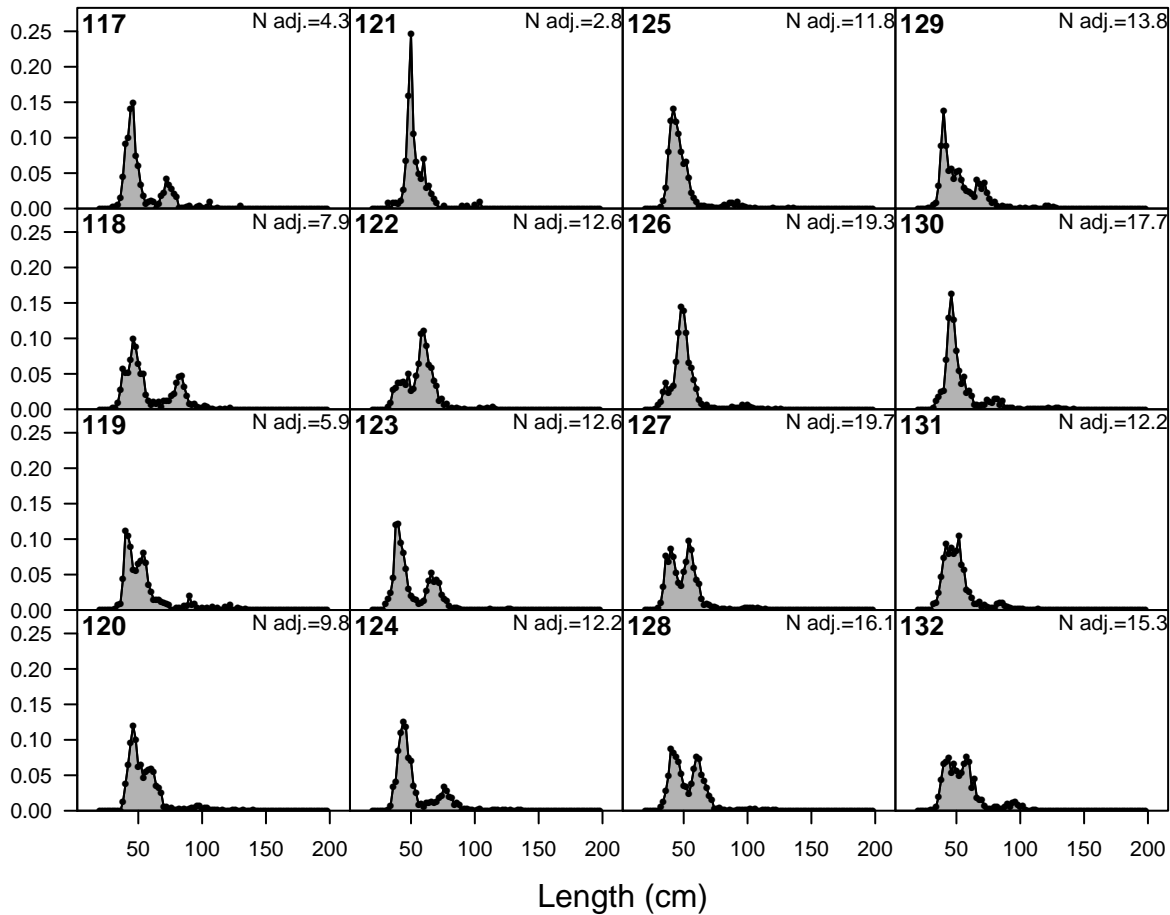
A6-LL-n (whole catch)



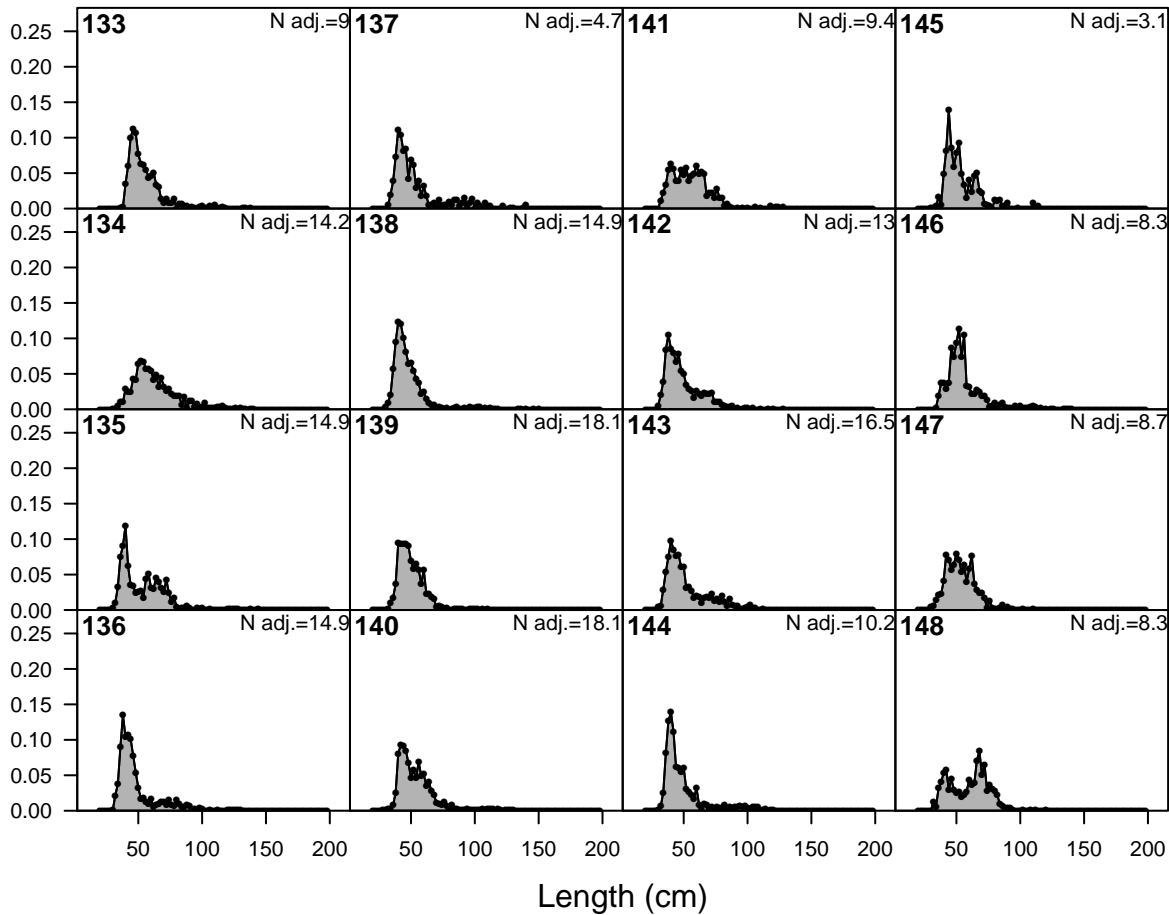
Proportion



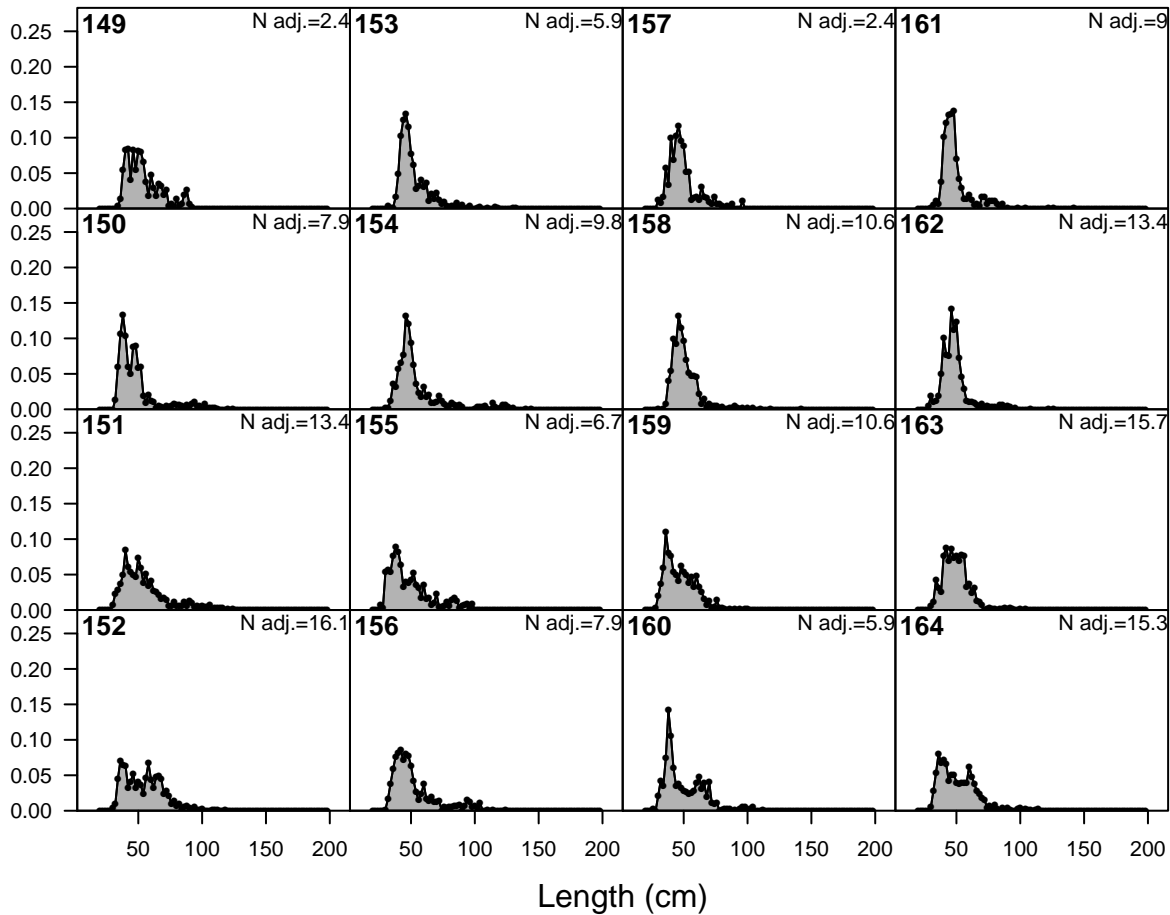
Proportion



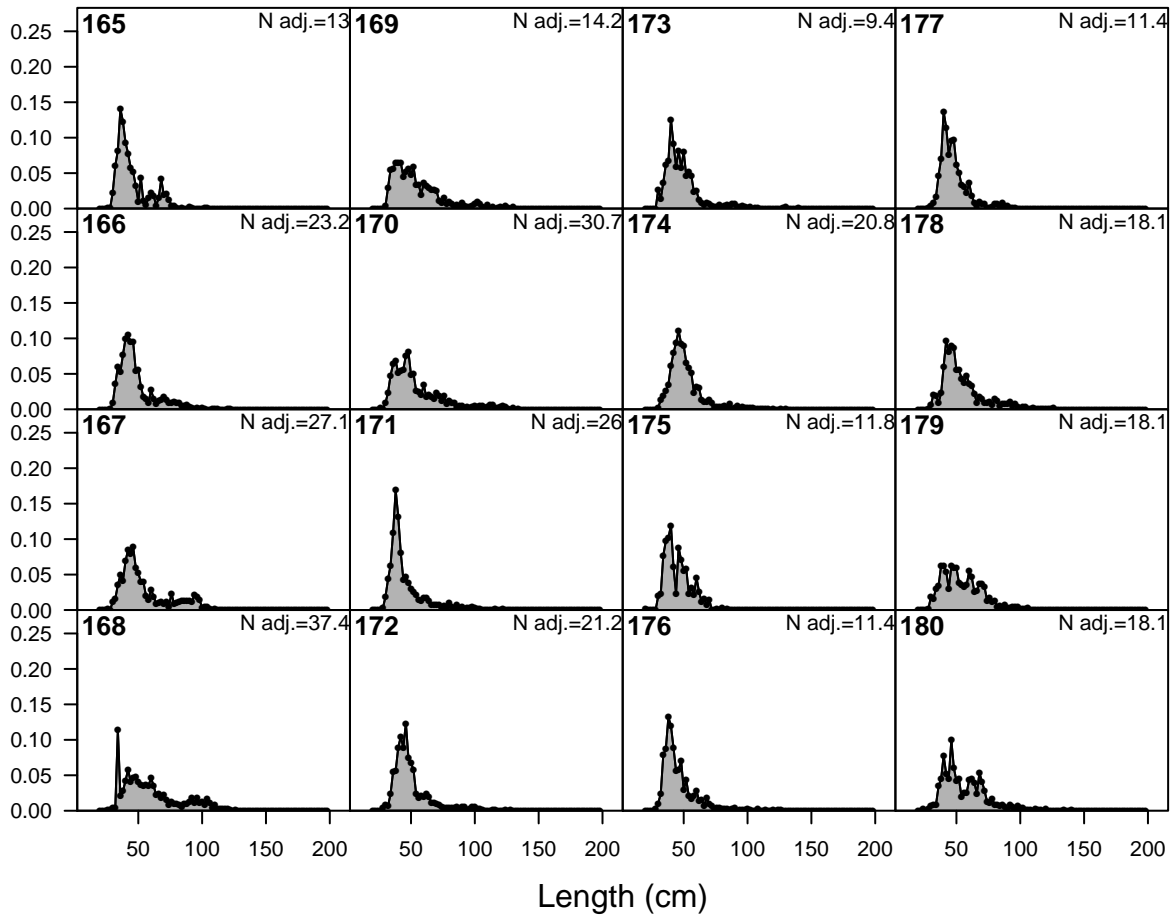
Proportion



Proportion



Proportion



Length (cm)

200

150

100

50

◦ 0.01 ○ 0.2

101

108

115

122

129

136

143

150

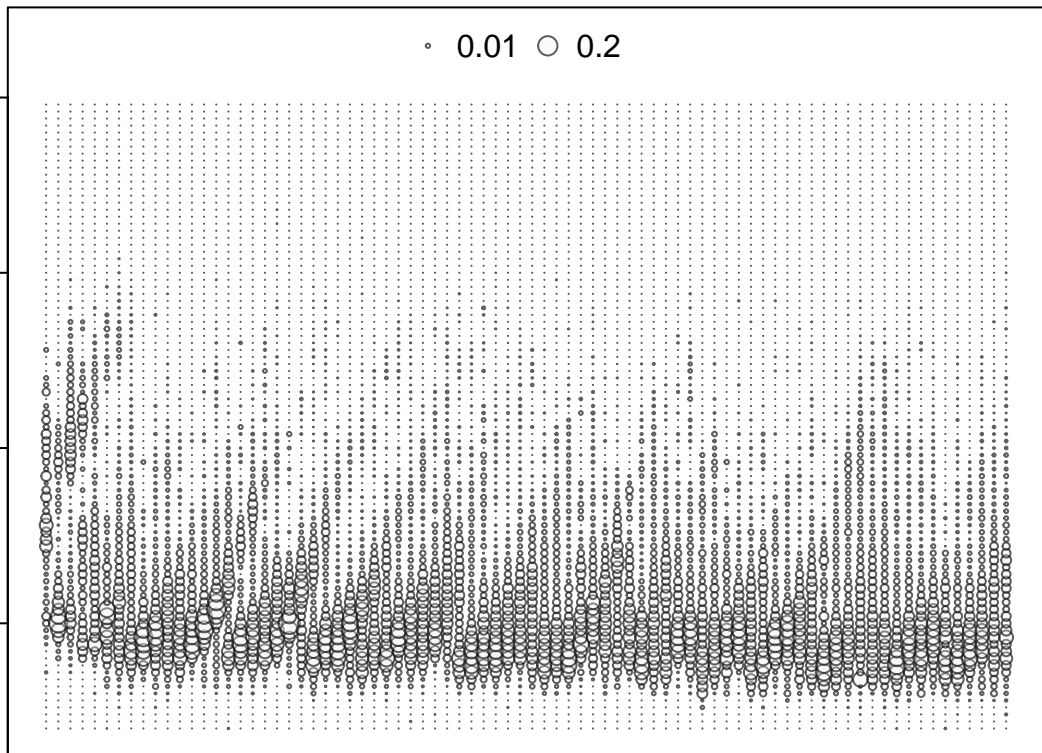
157

164

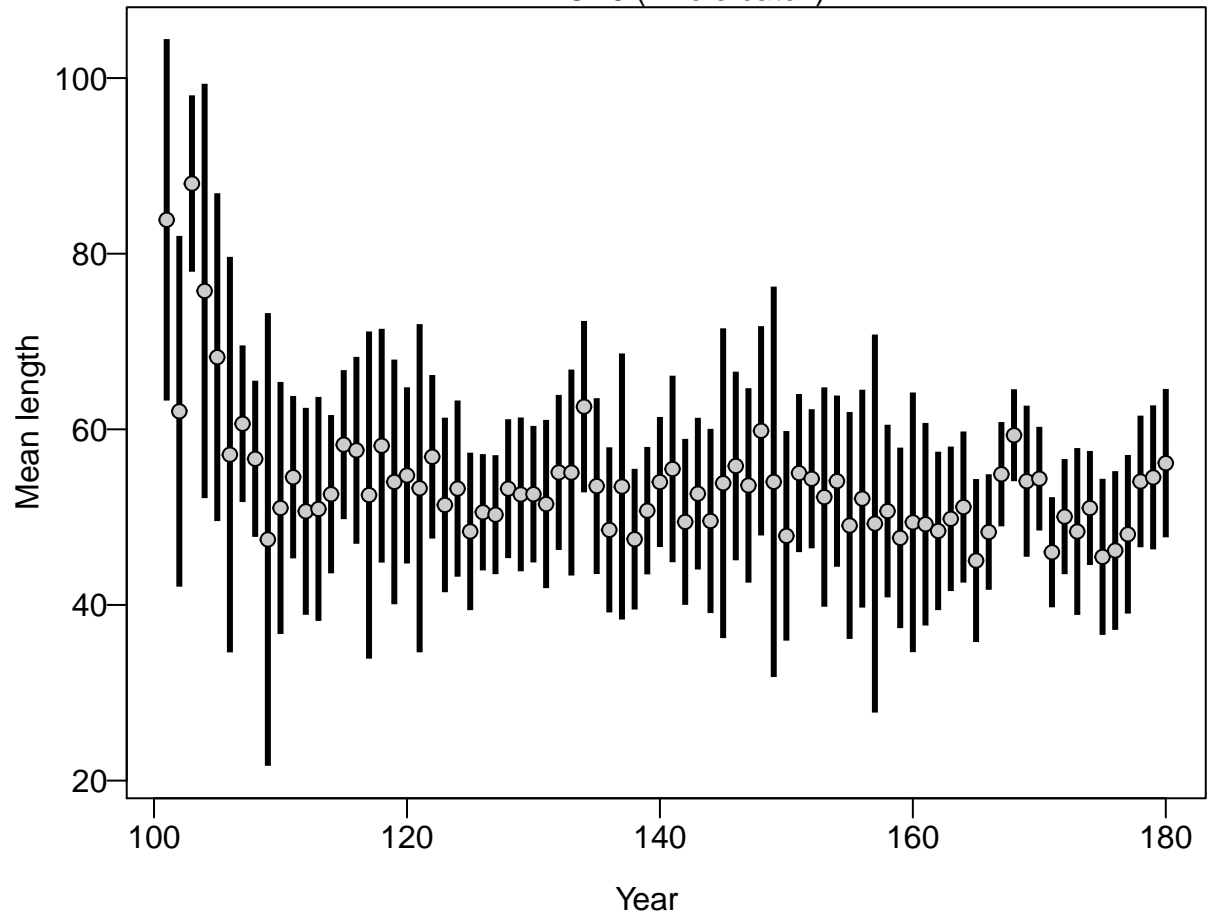
171

178

Year

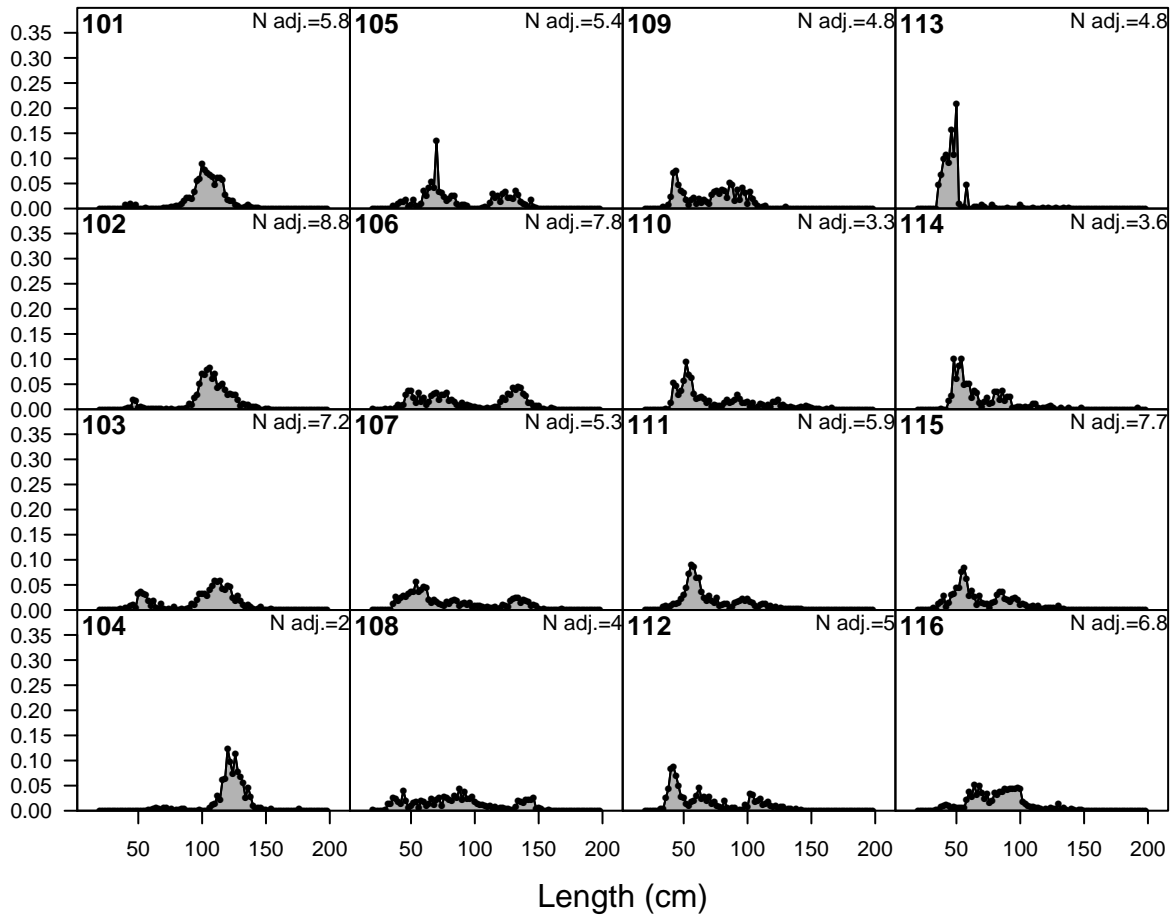


## A2-OBJ (whole catch)

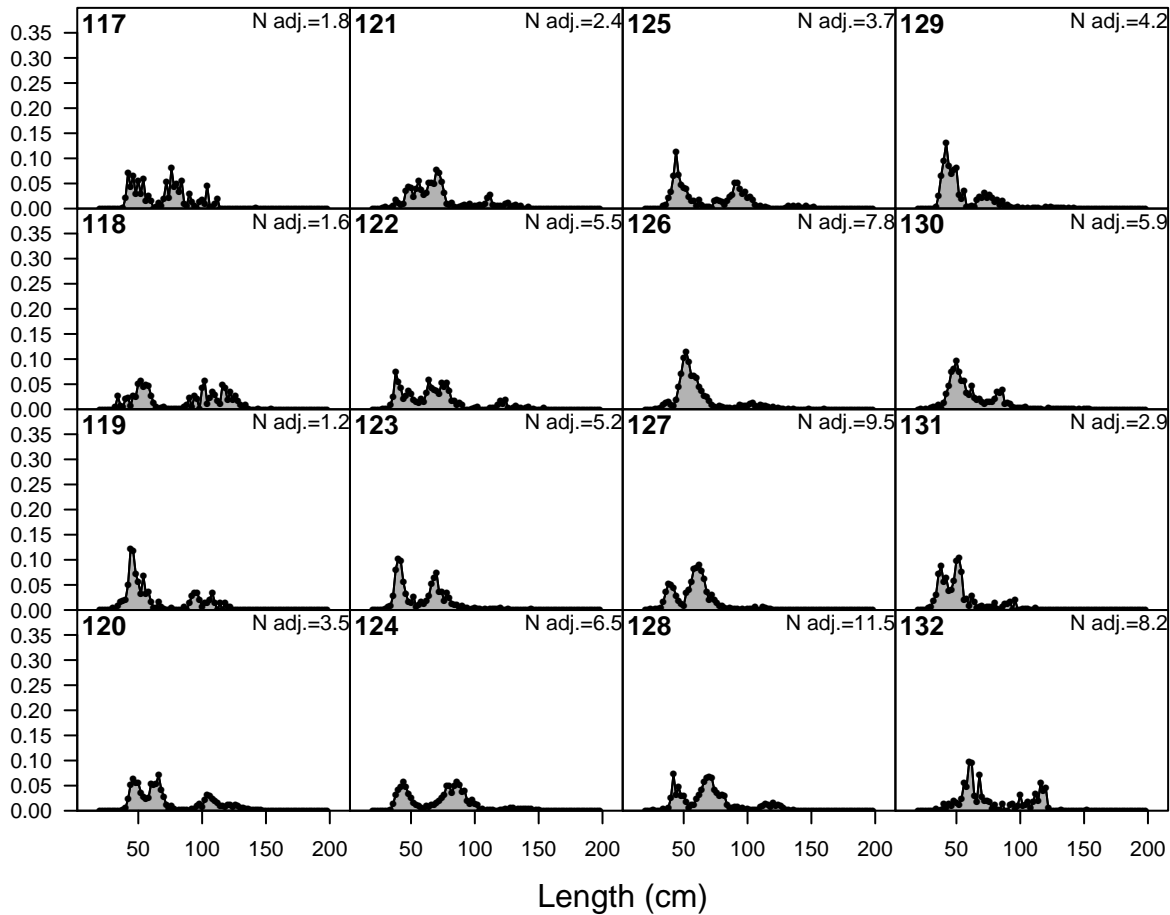




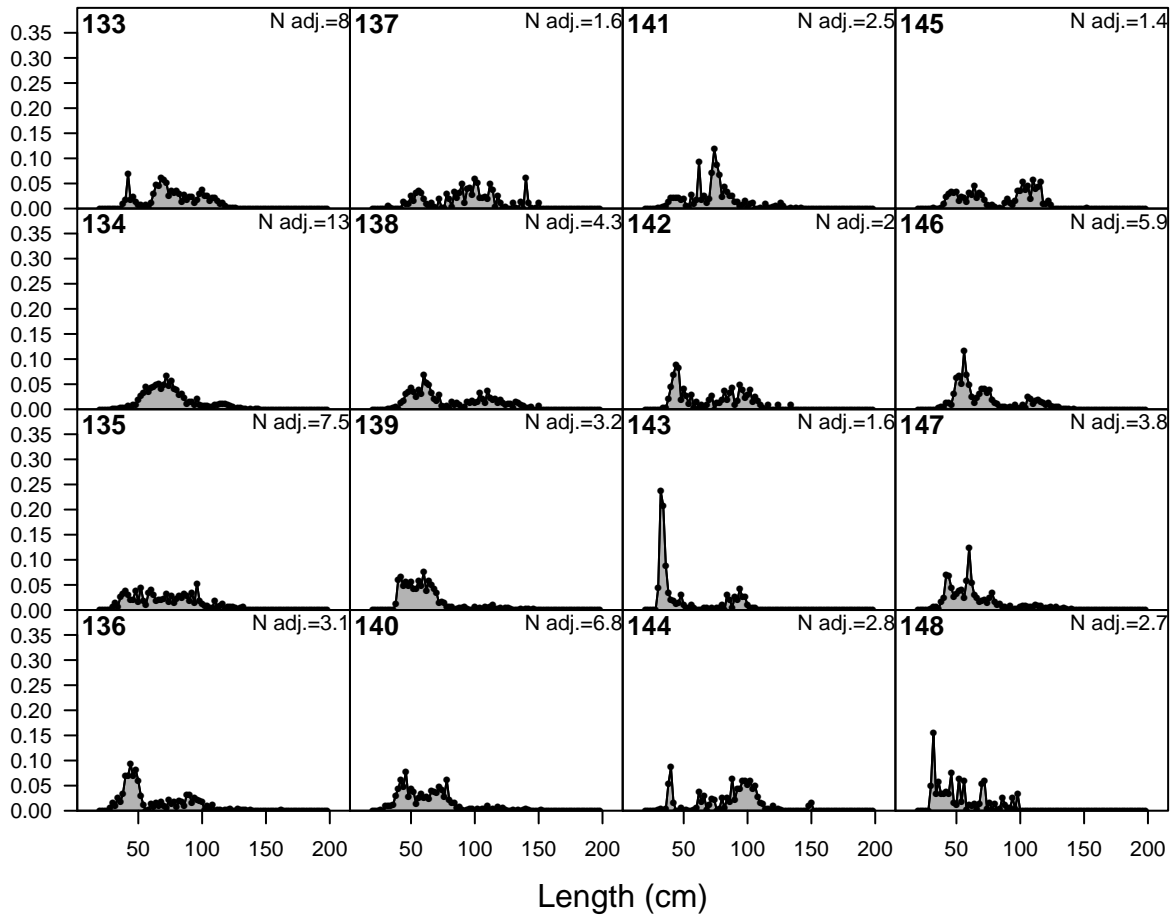
Proportion



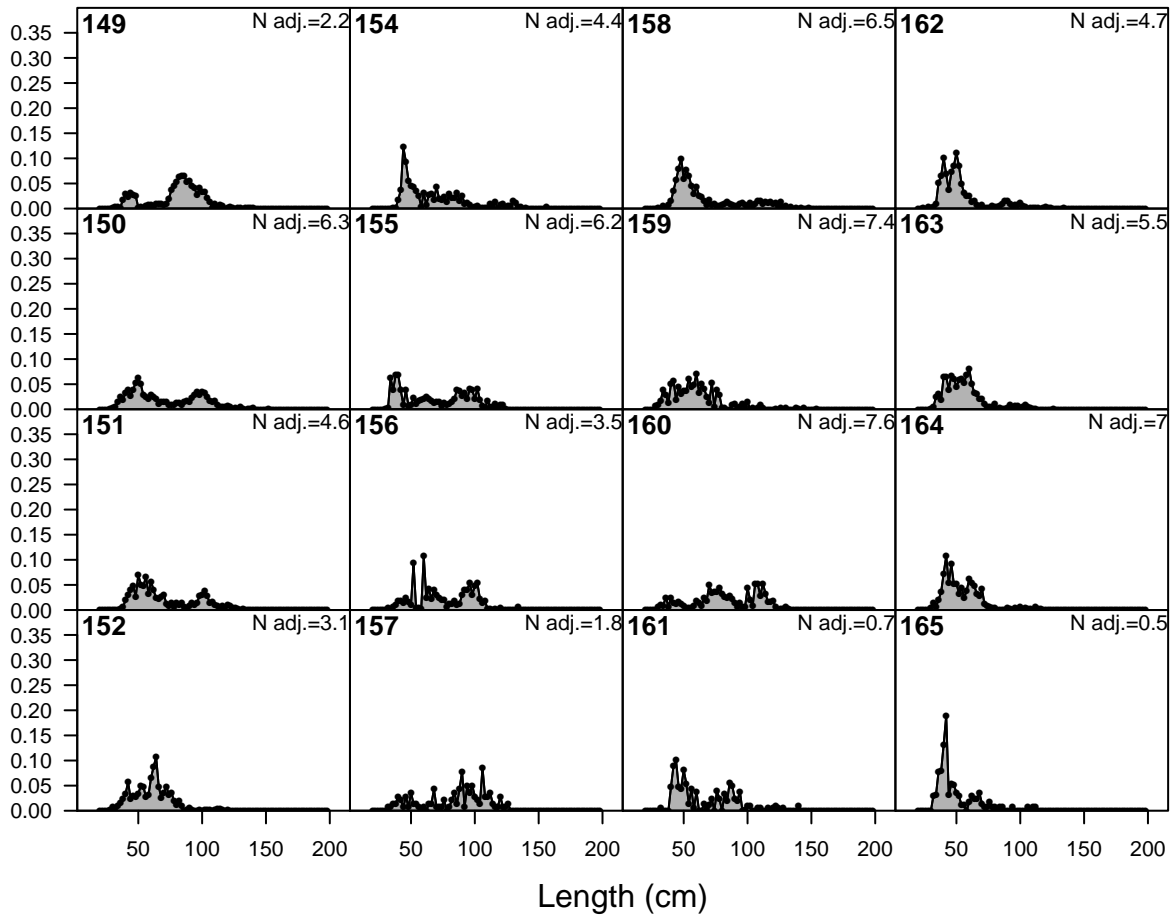
Proportion



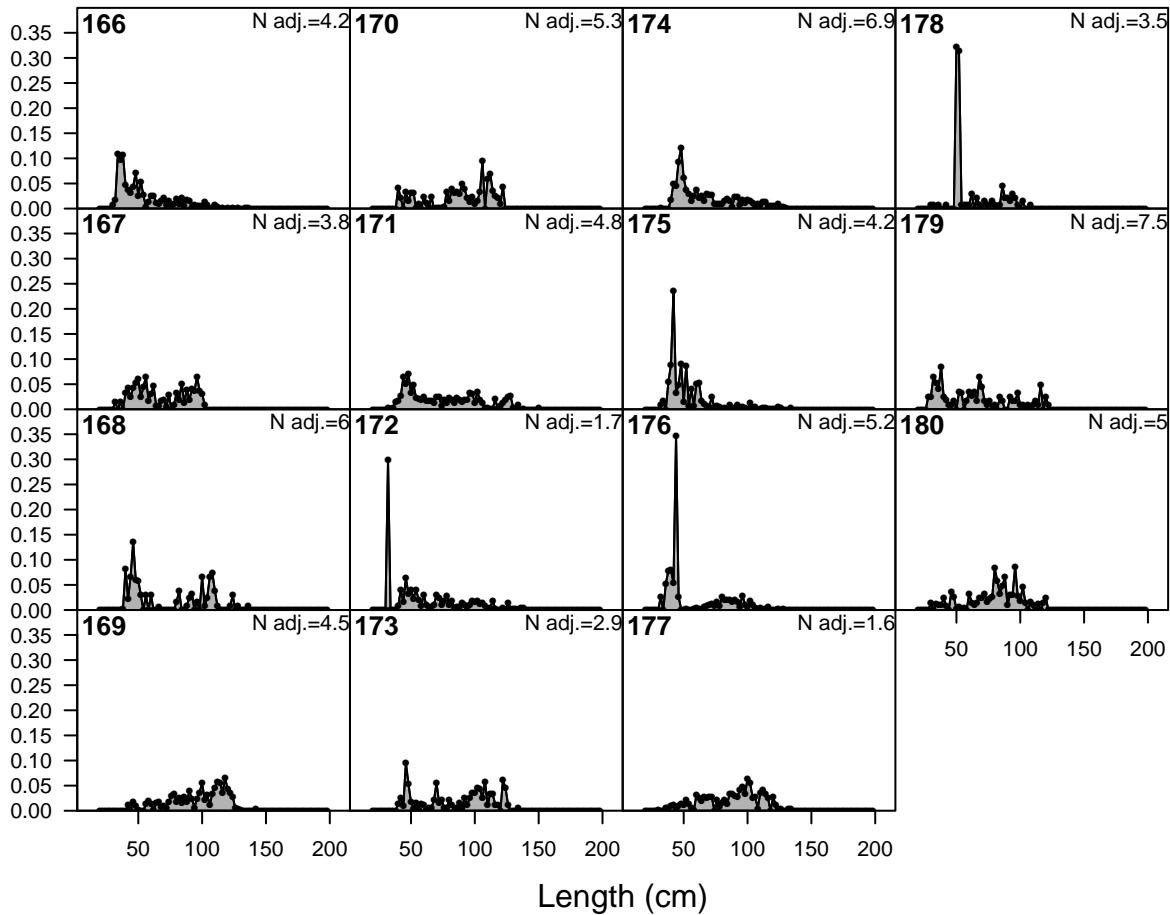
Proportion

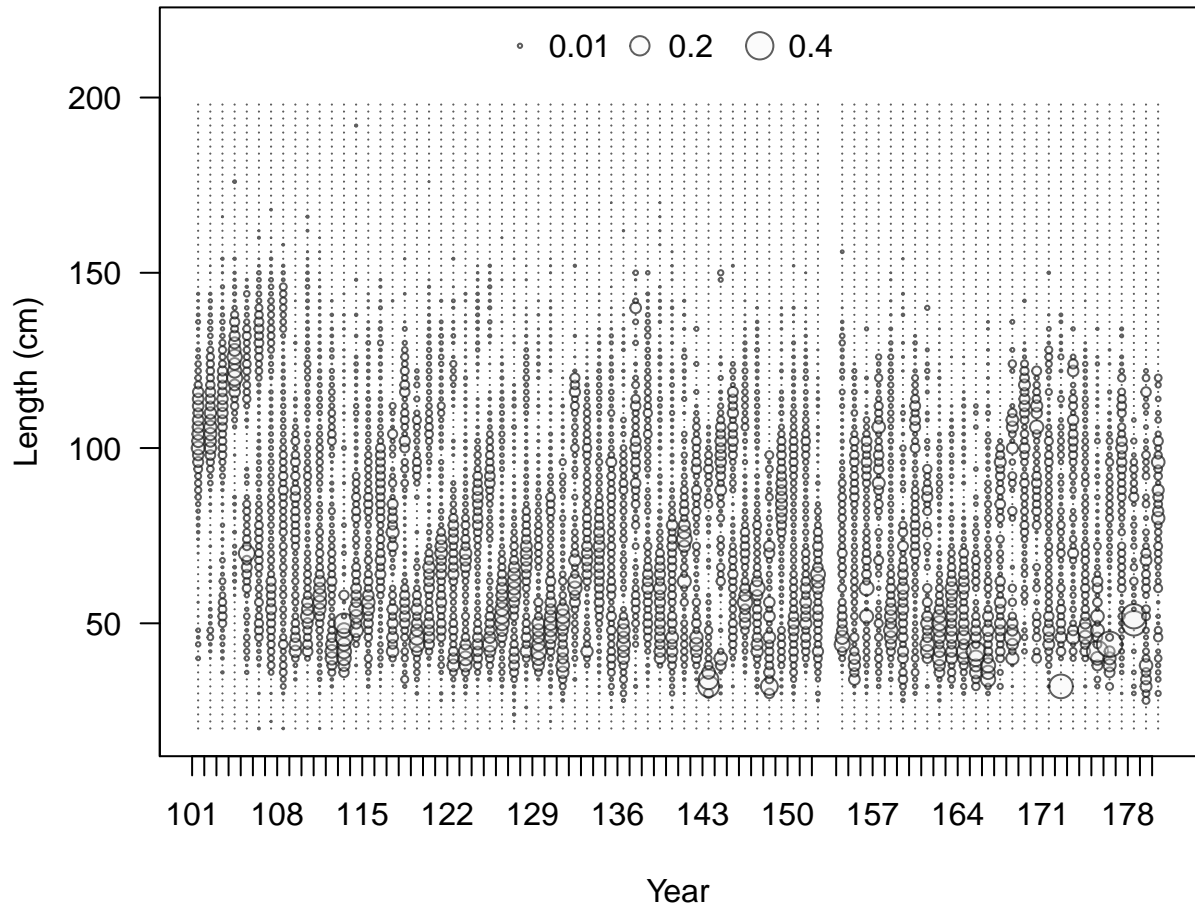


Proportion

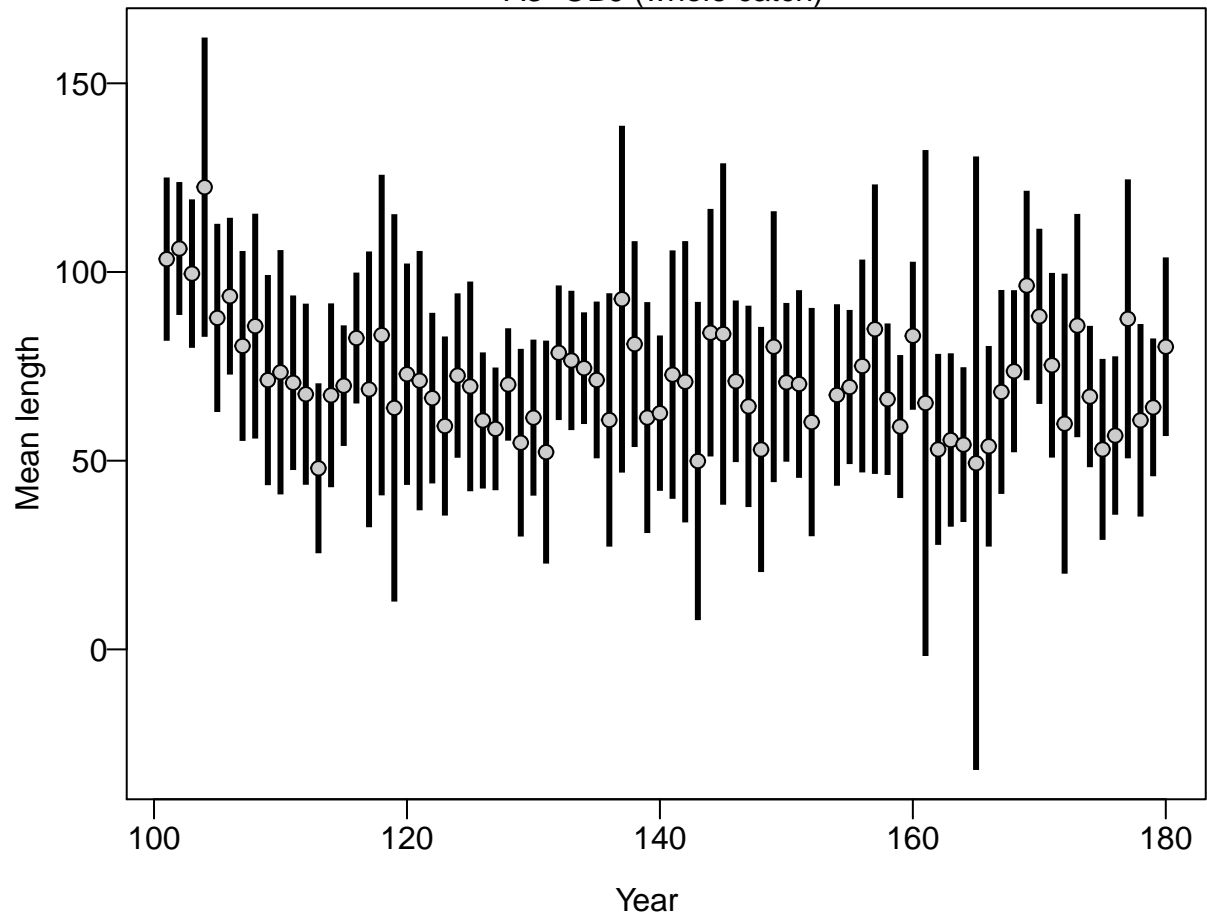


Proportion

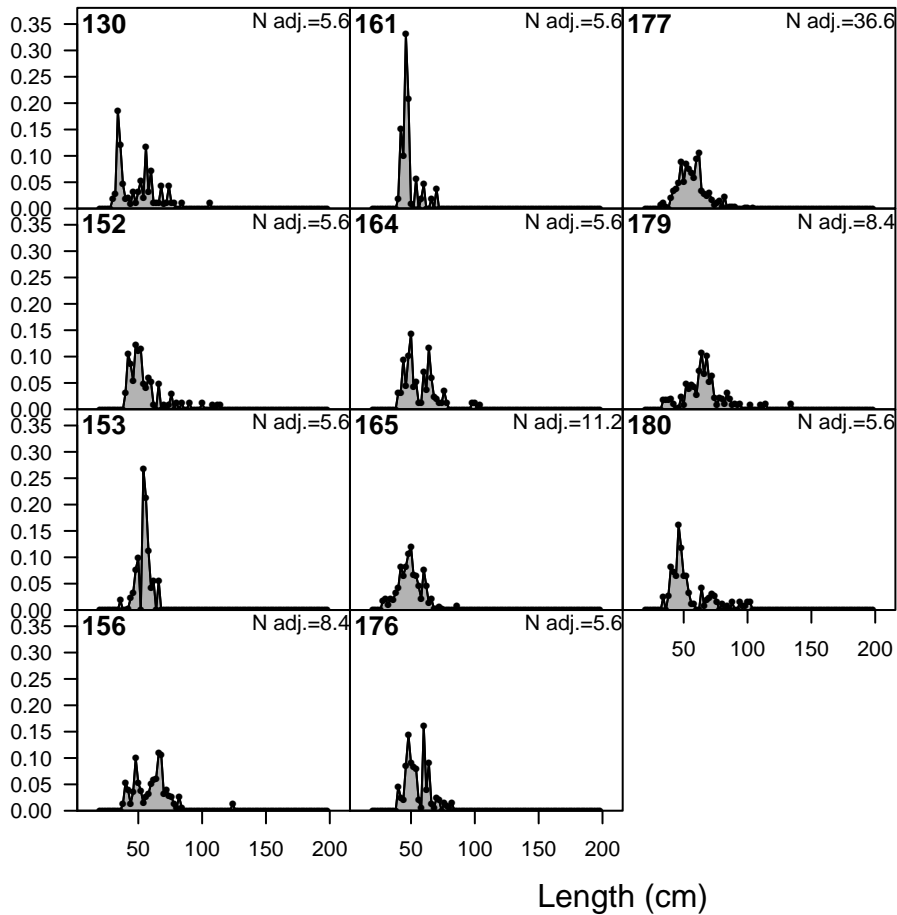




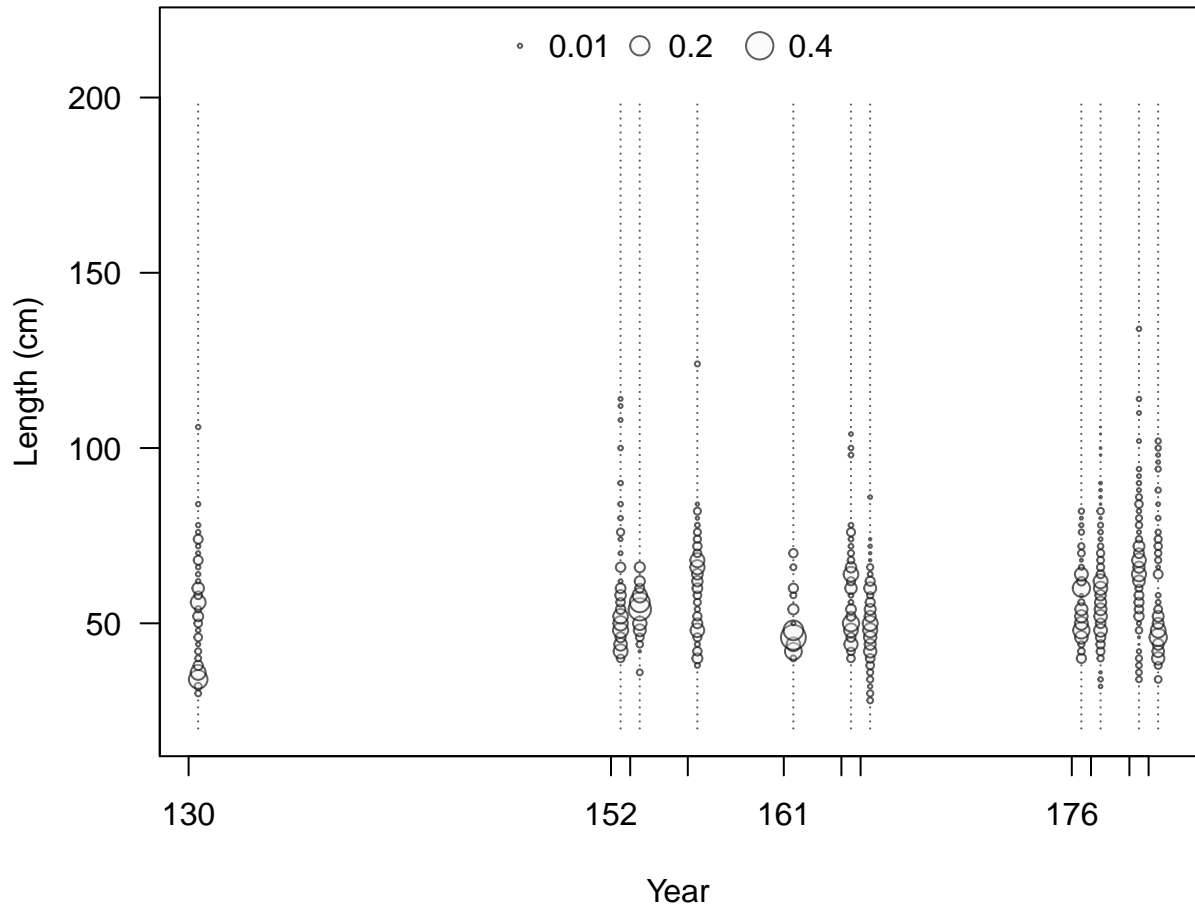
A3-OBJ (whole catch)



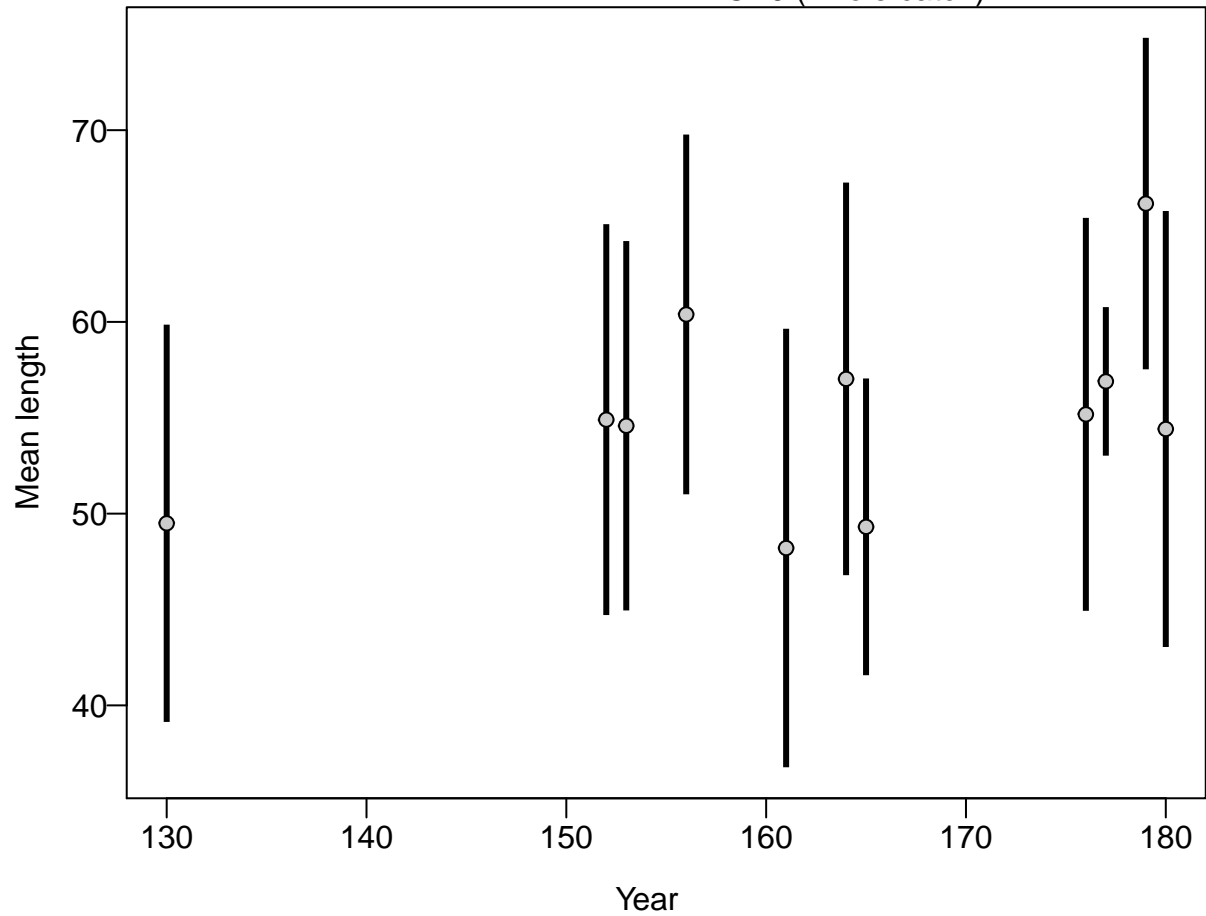
Proportion



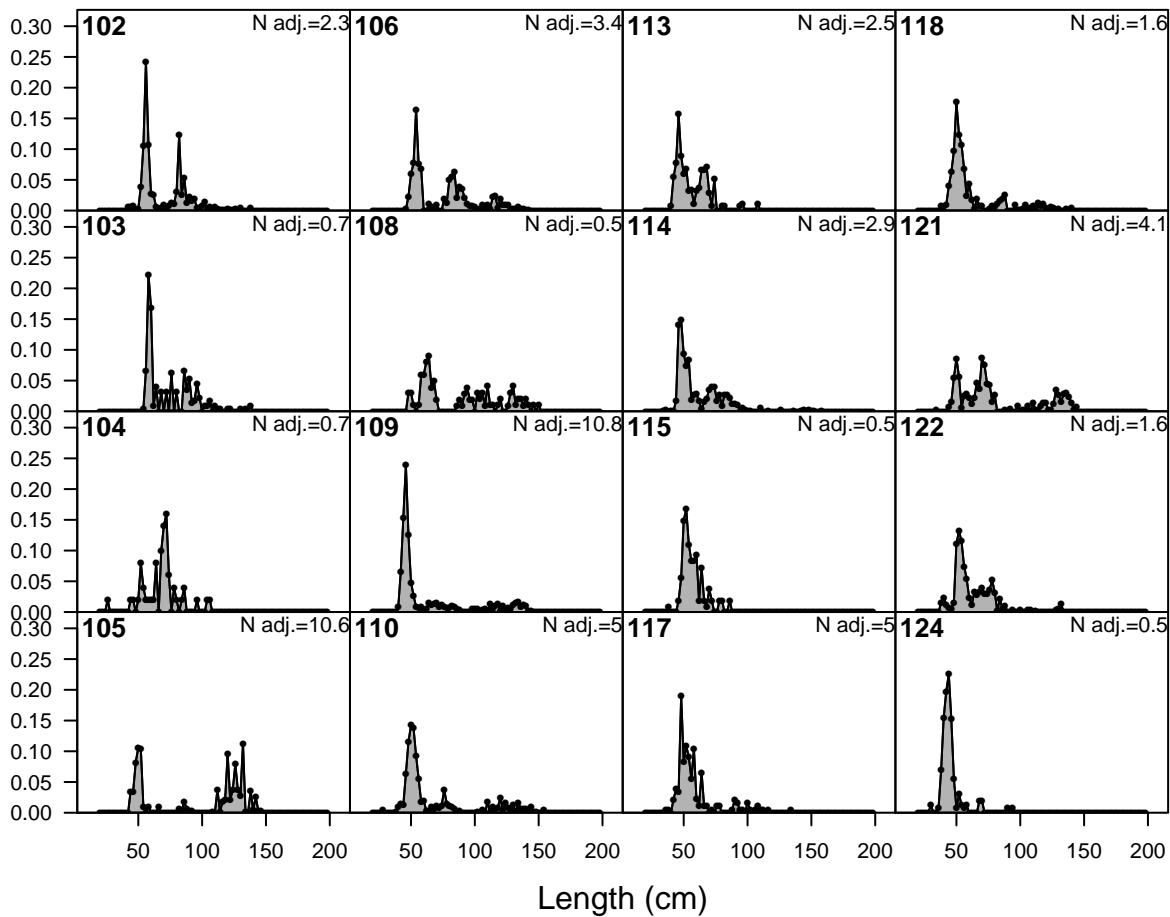




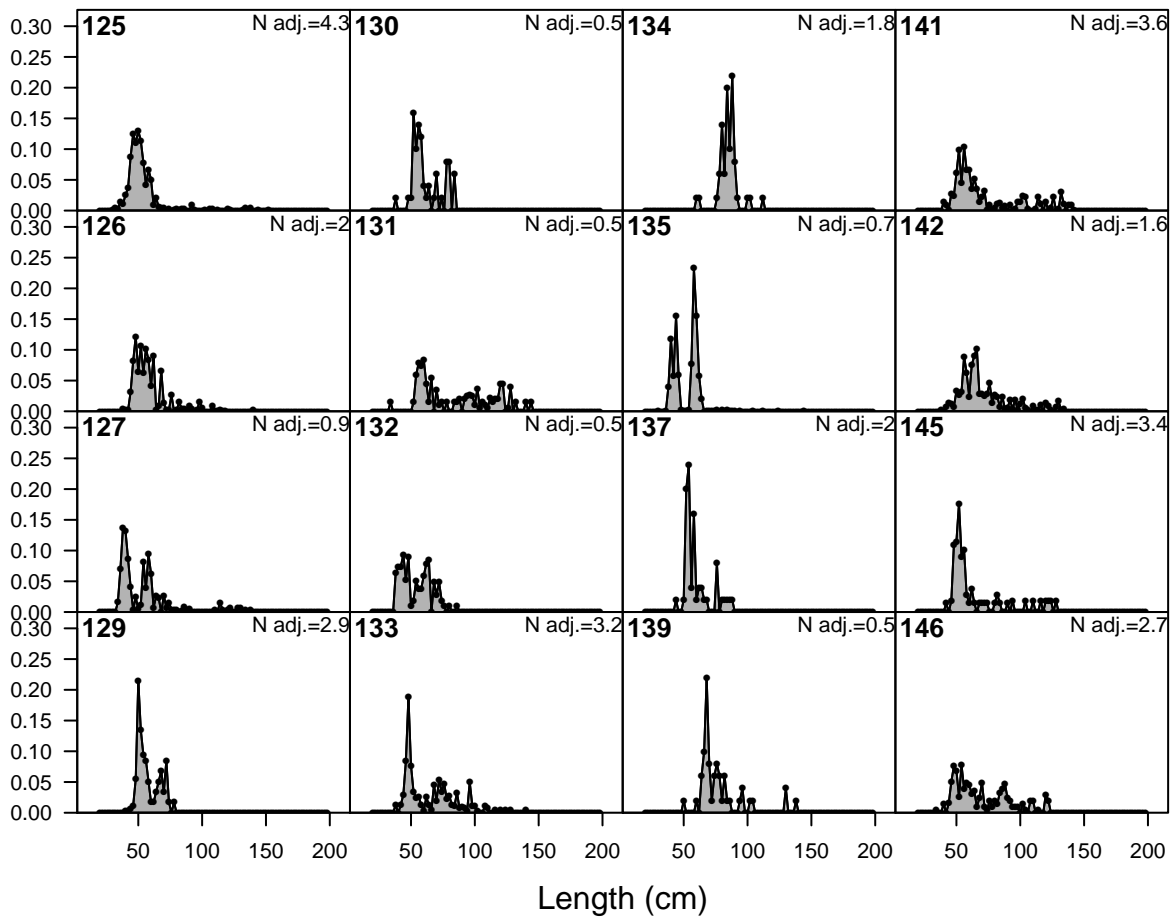
## A4-OBJ (whole catch)



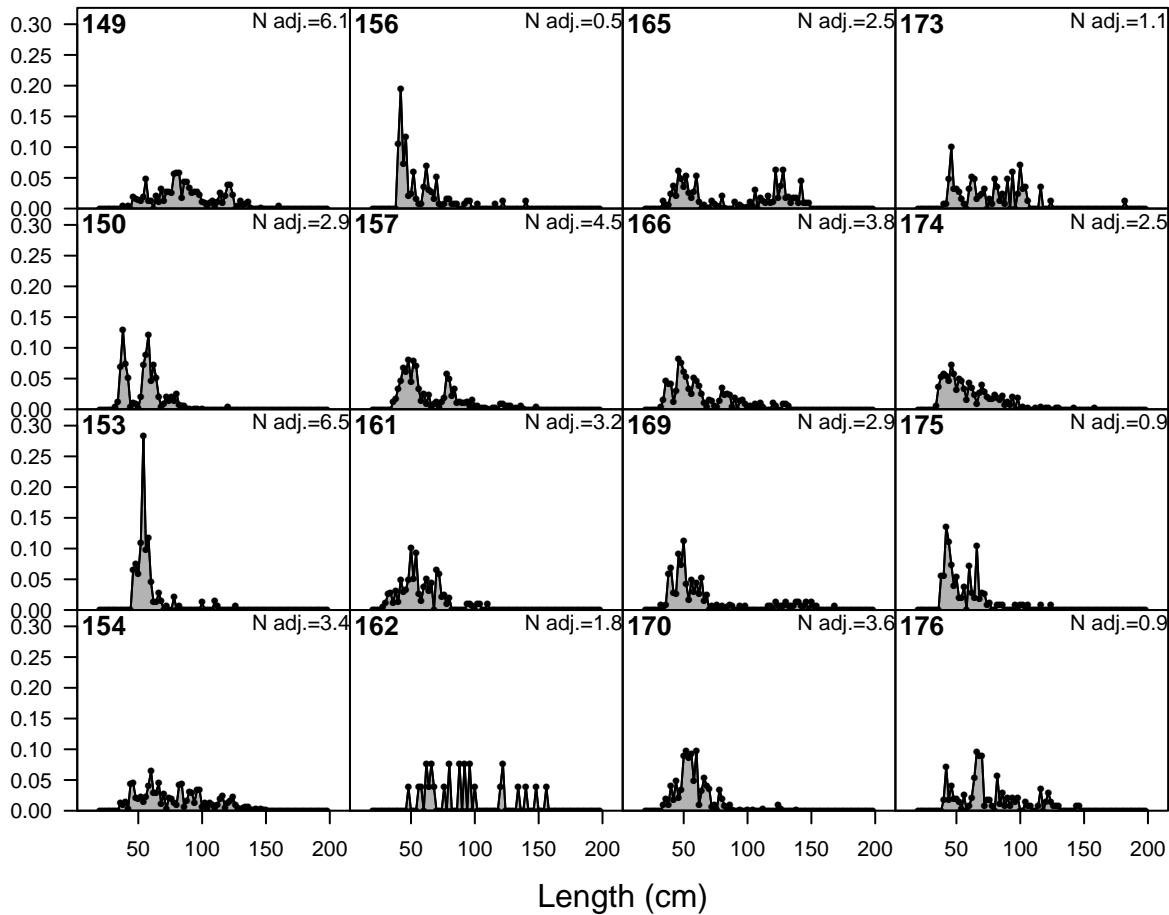
Proportion

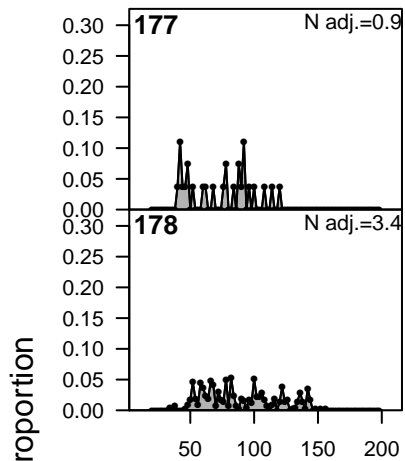


Proportion



Proportion





Length (cm)

Length (cm)

200

150

100

50

◦ 0.01 ○ 0.2

102

109

117

124

131

139

146

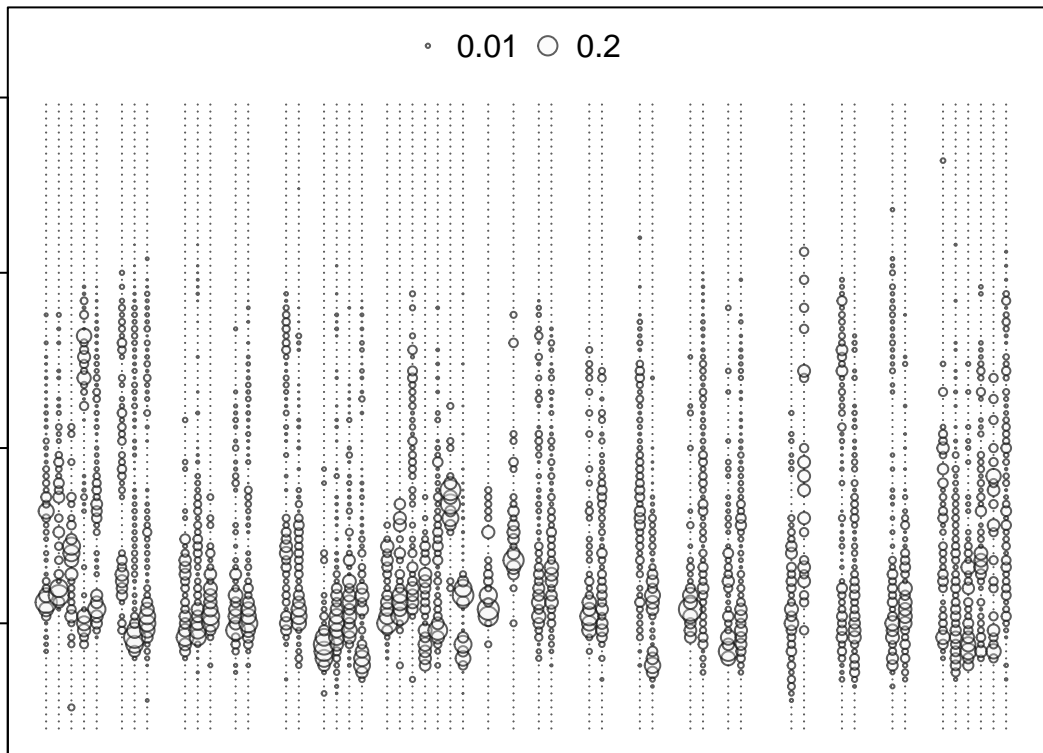
153

161

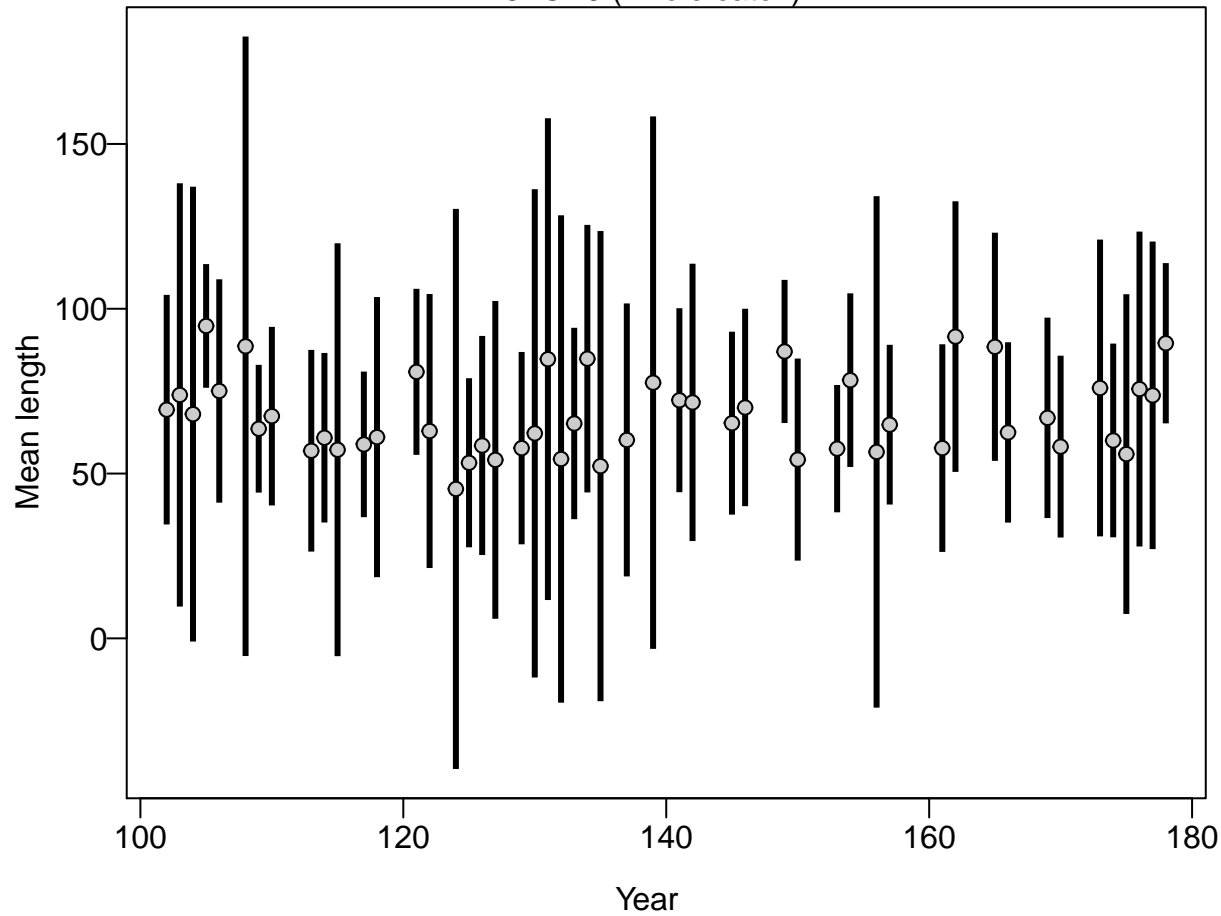
169

176

Year

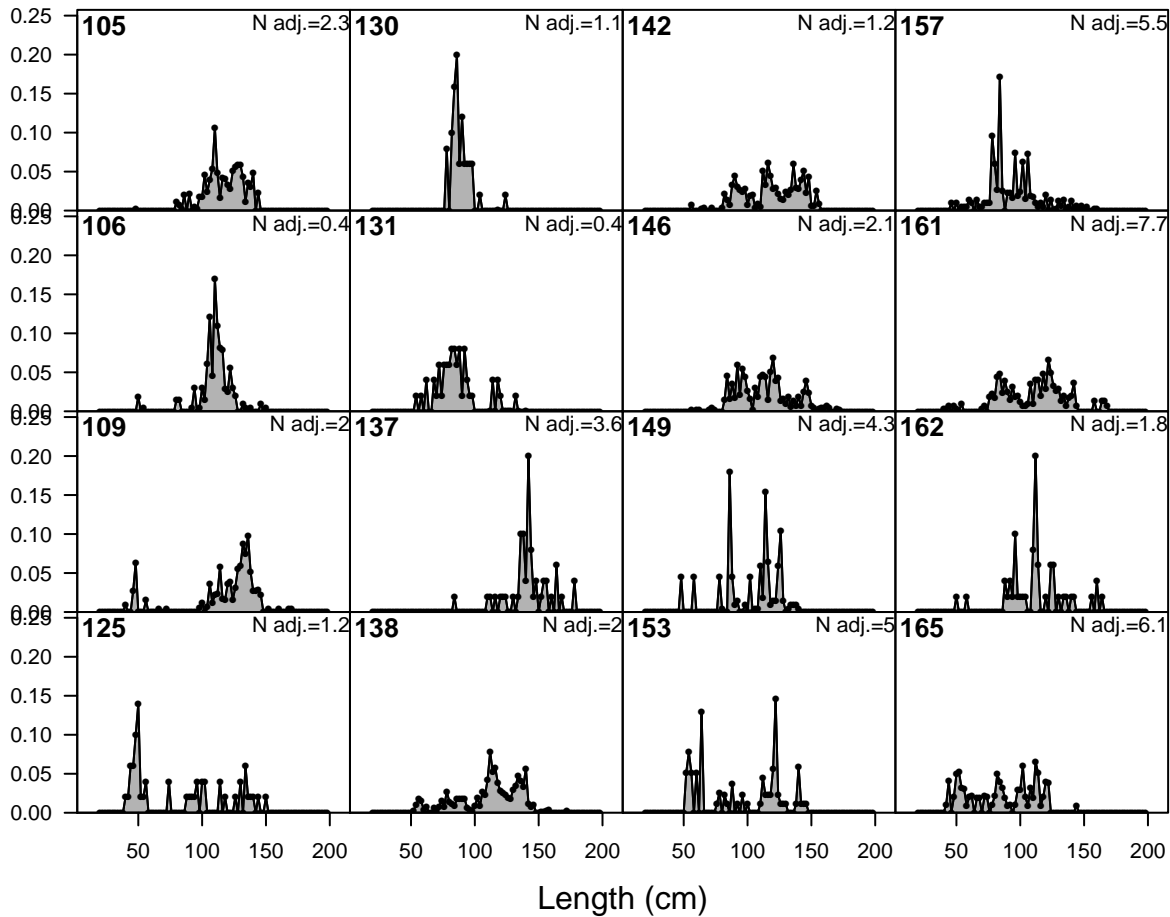


## A5-OBJ (whole catch)

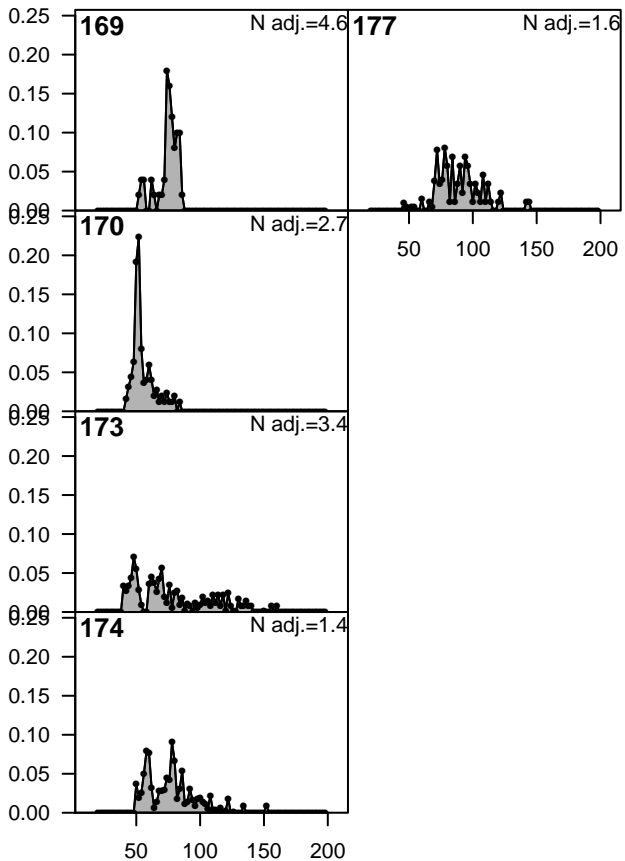




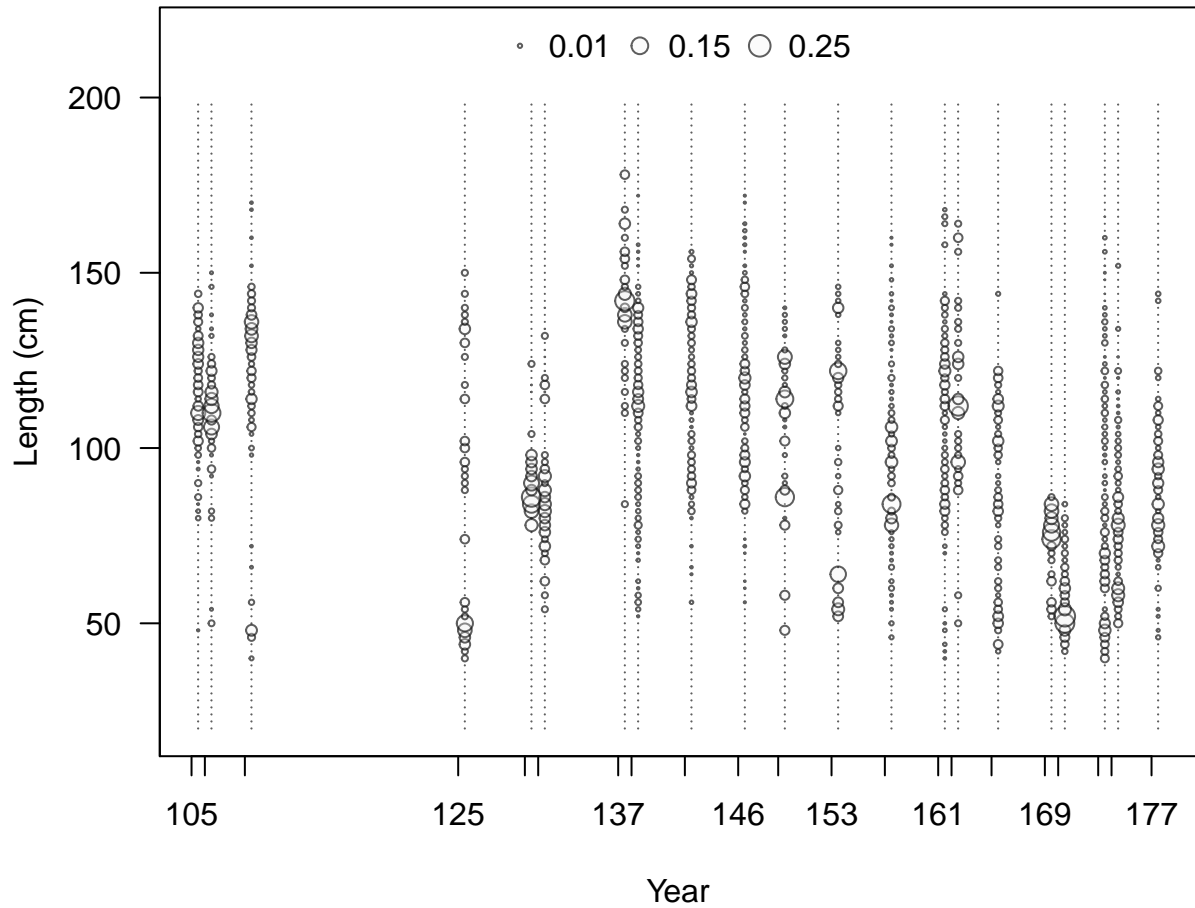
Proportion



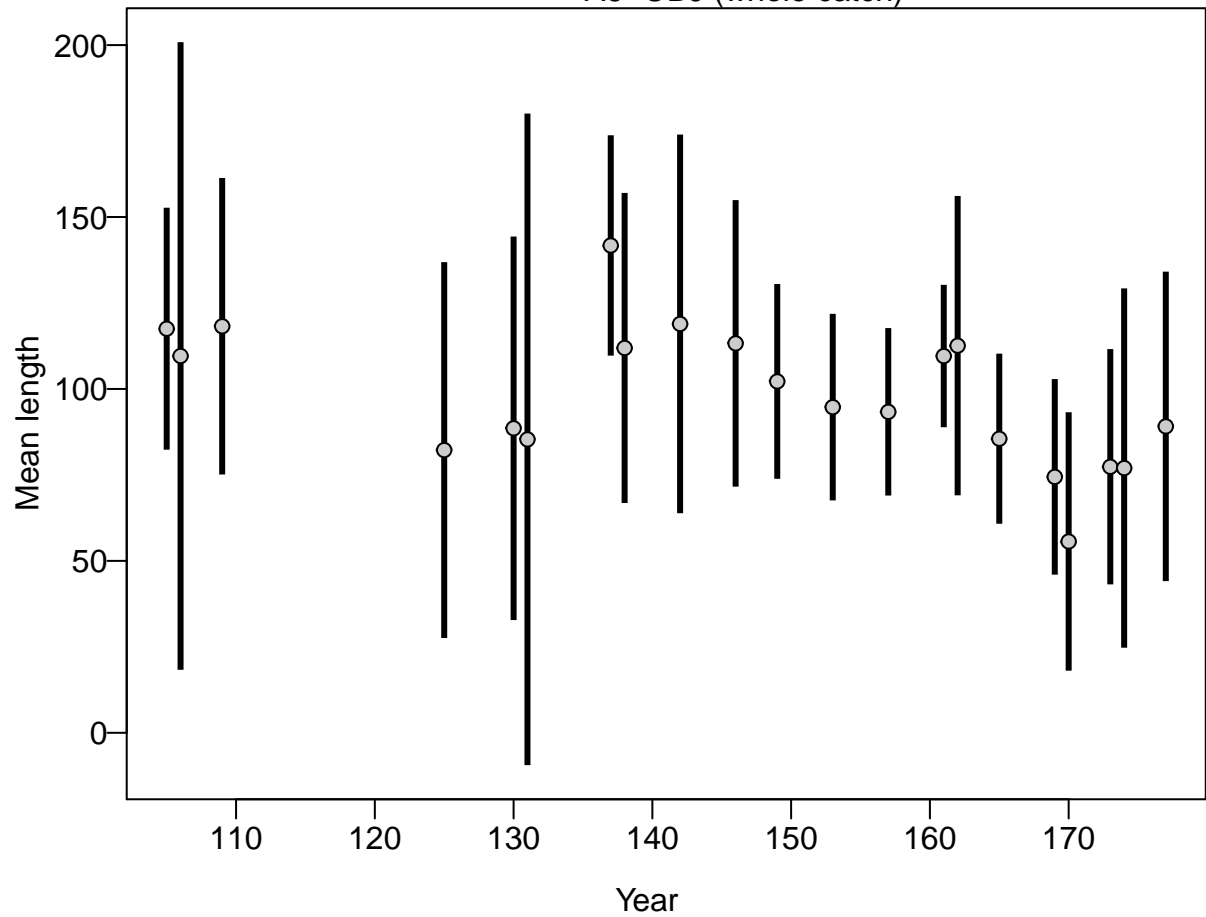
Proportion

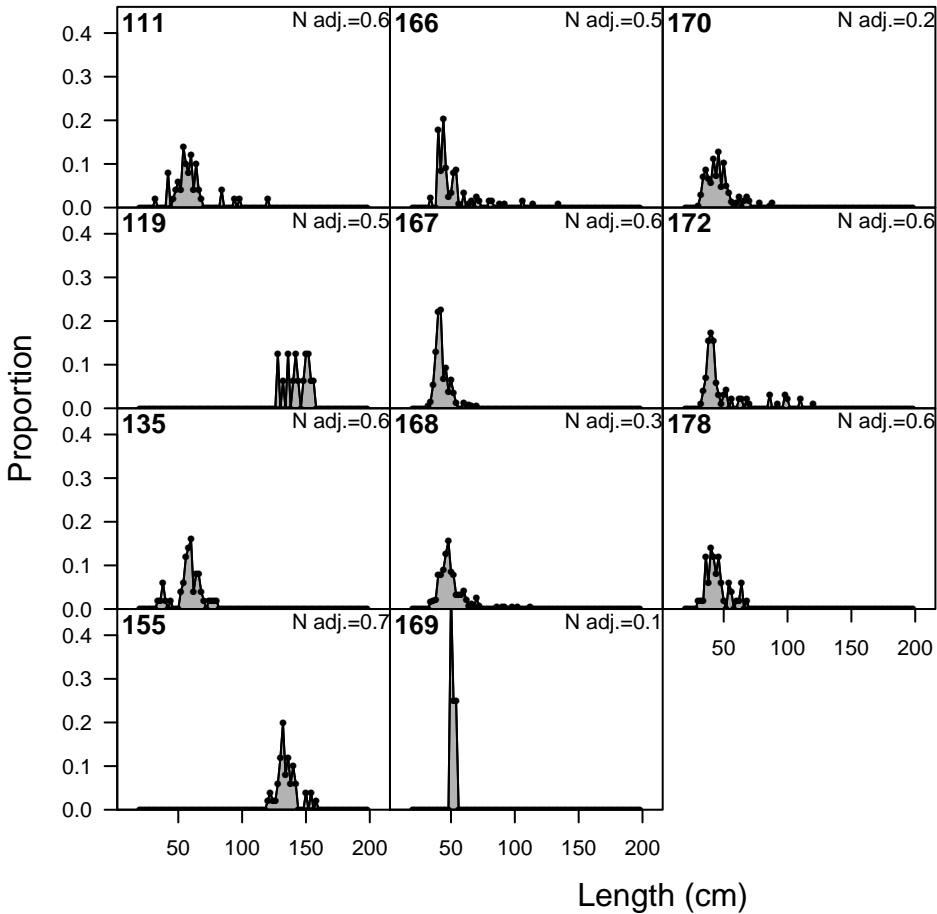


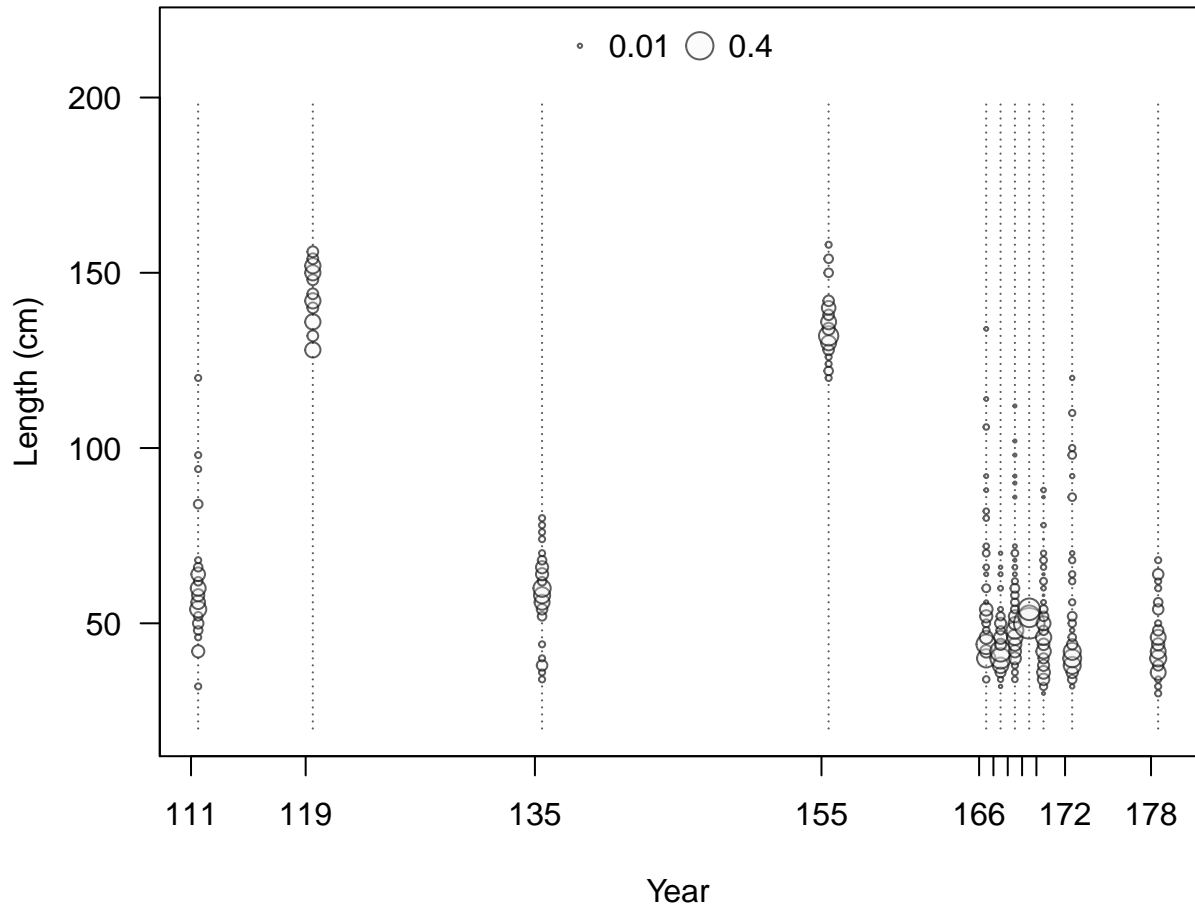
Length (cm)



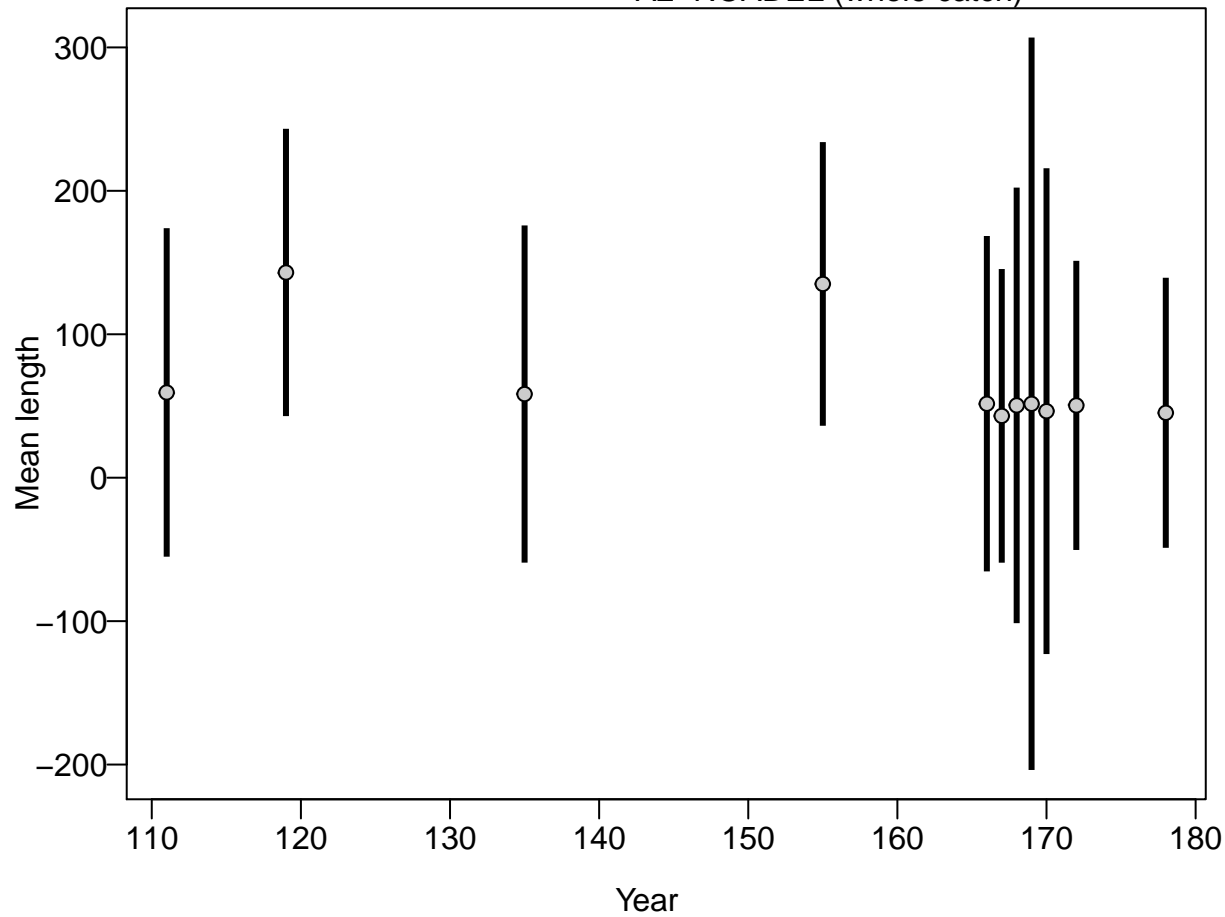
## A6-OBJ (whole catch)

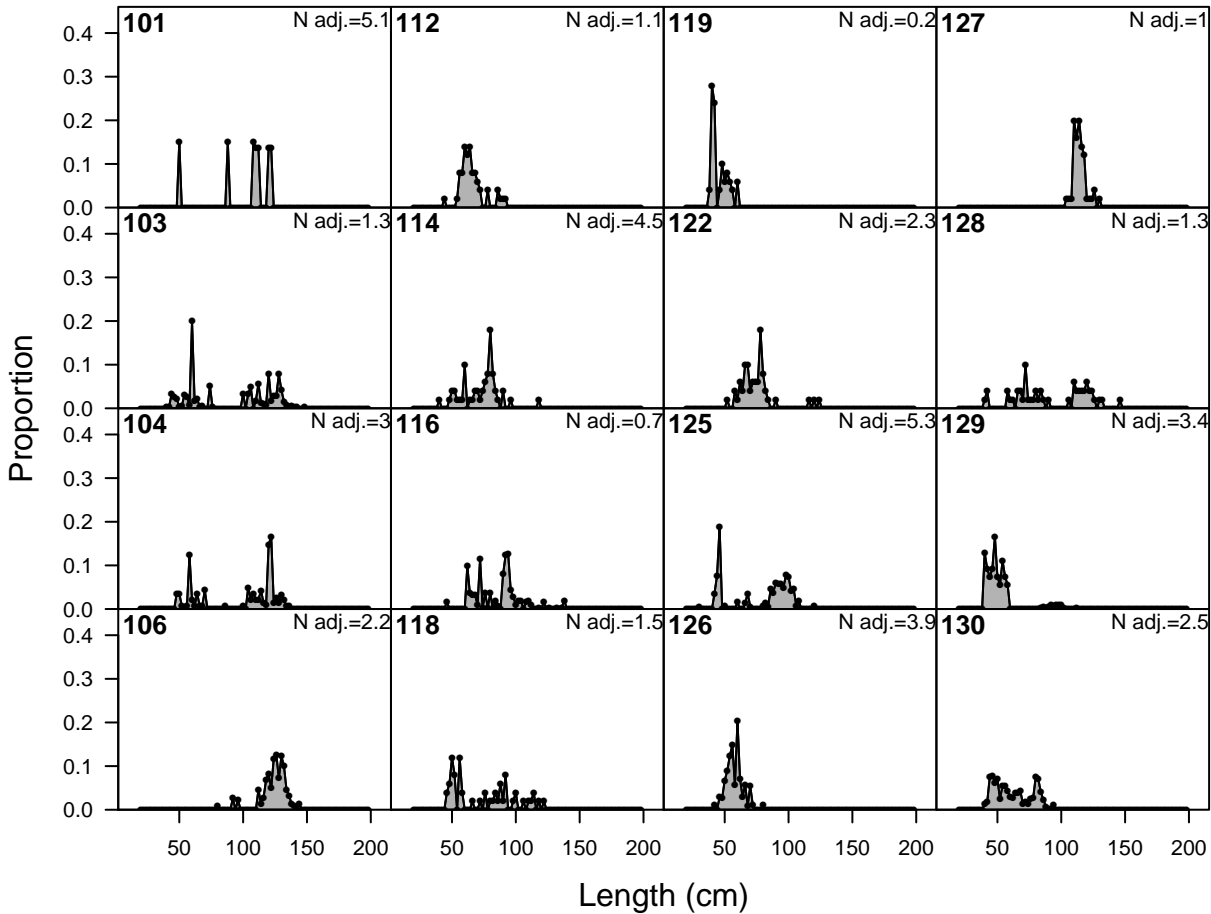




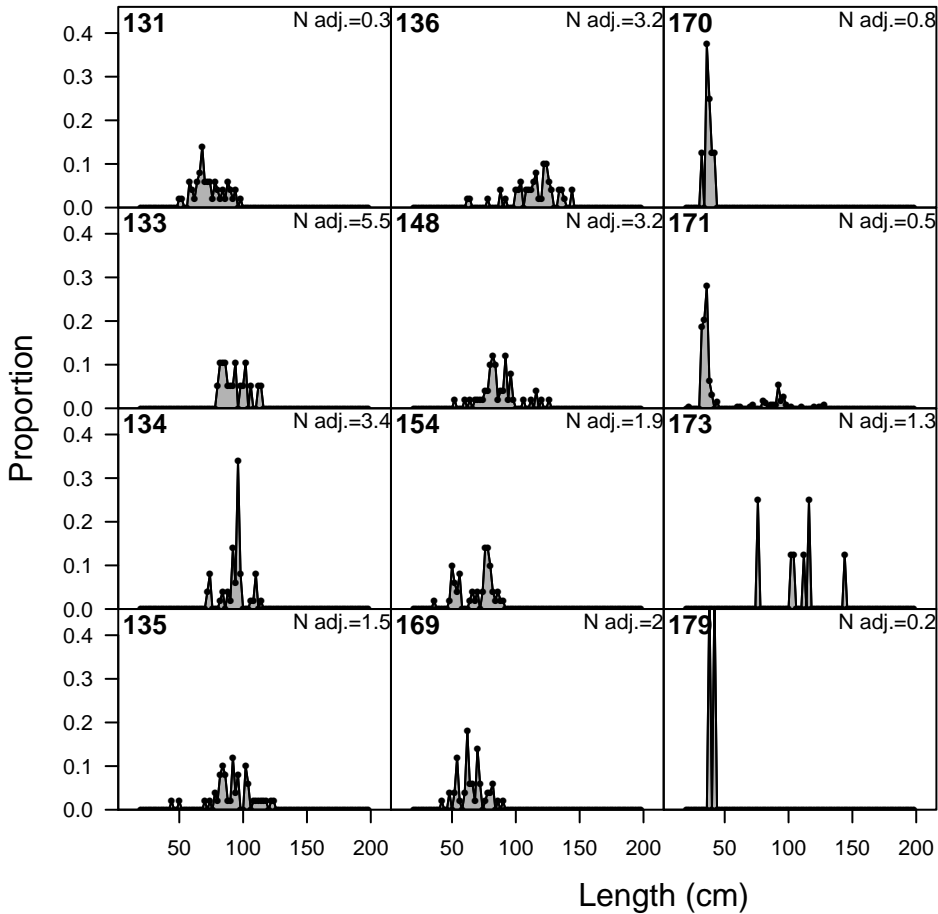


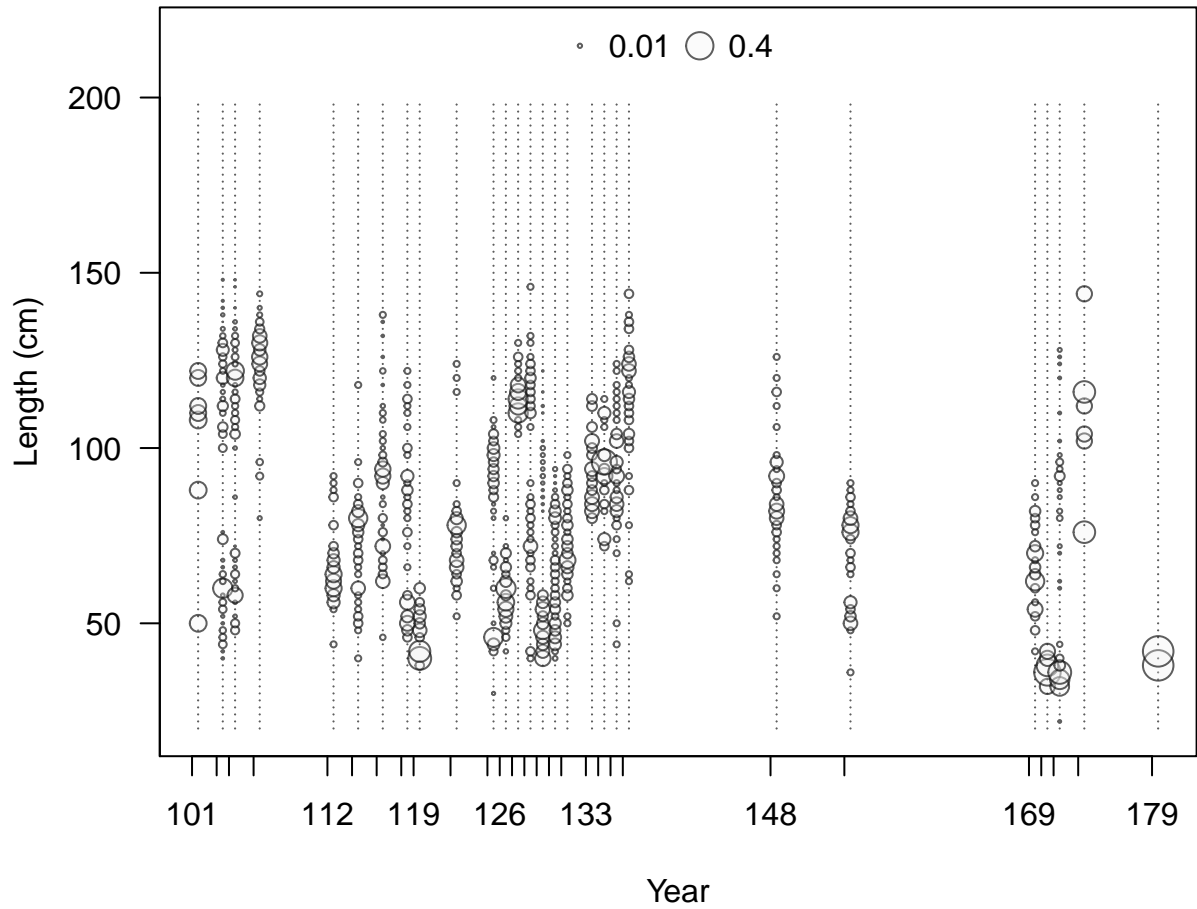
## A2-NOADEL (whole catch)



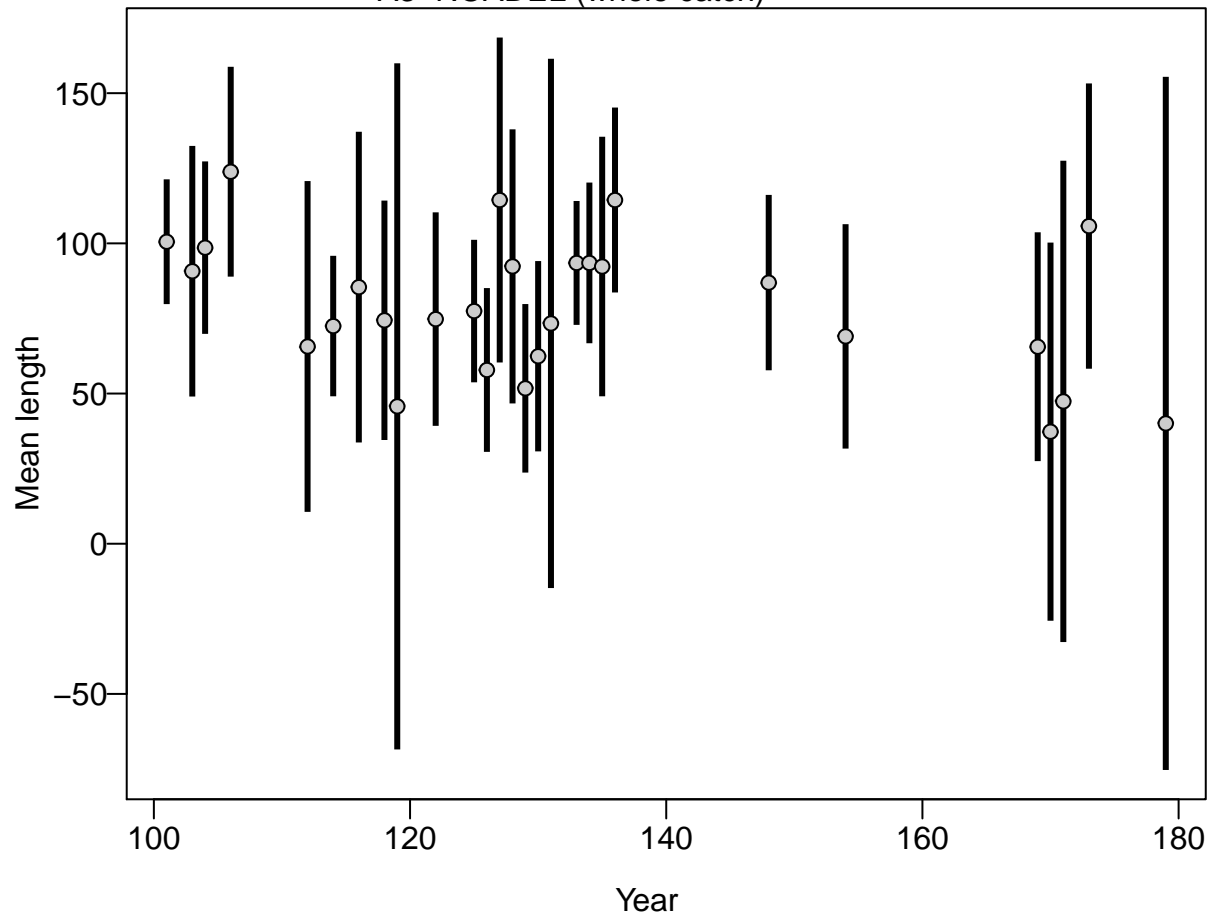


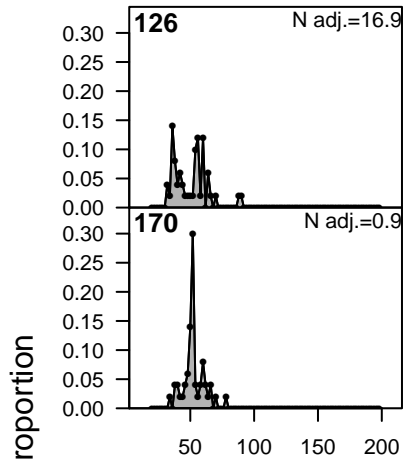




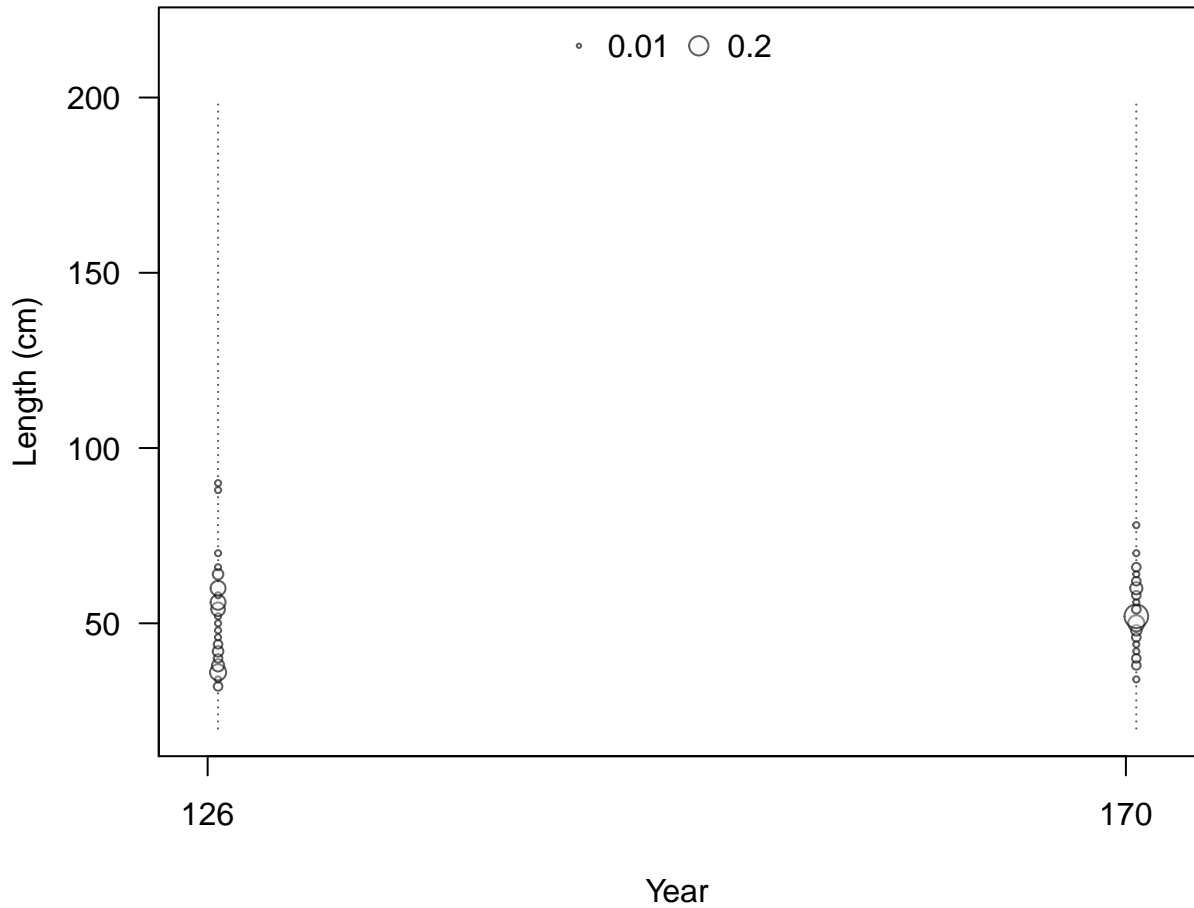


## A3-NOADEL (whole catch)

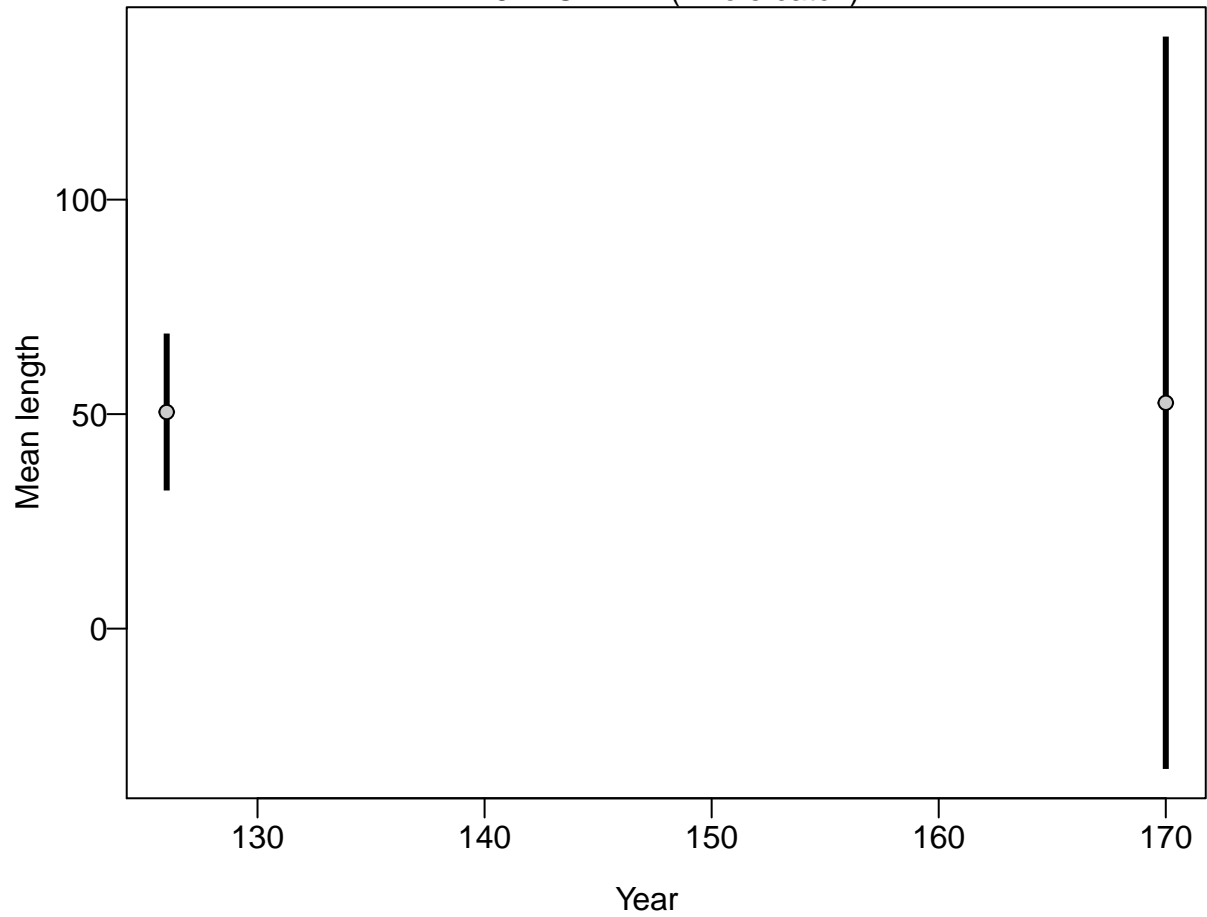




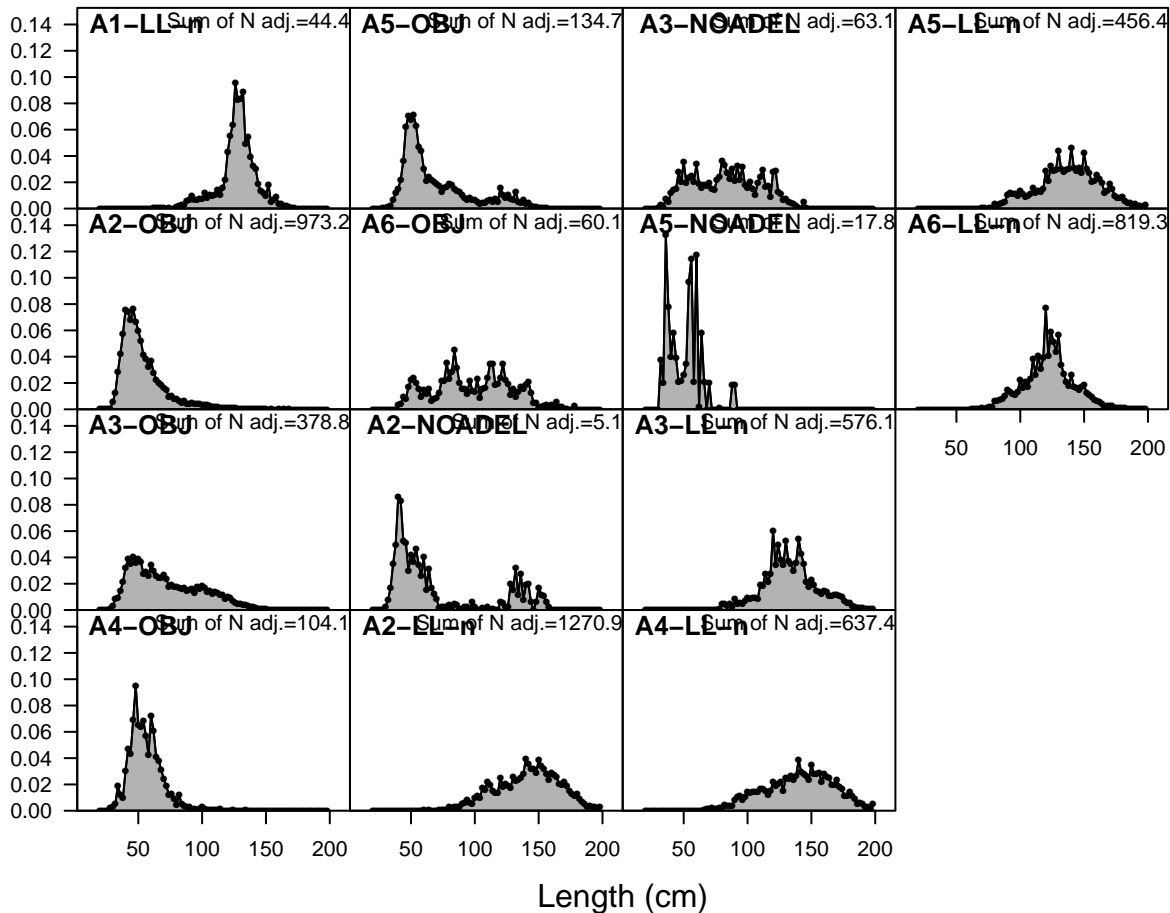
Length (cm)

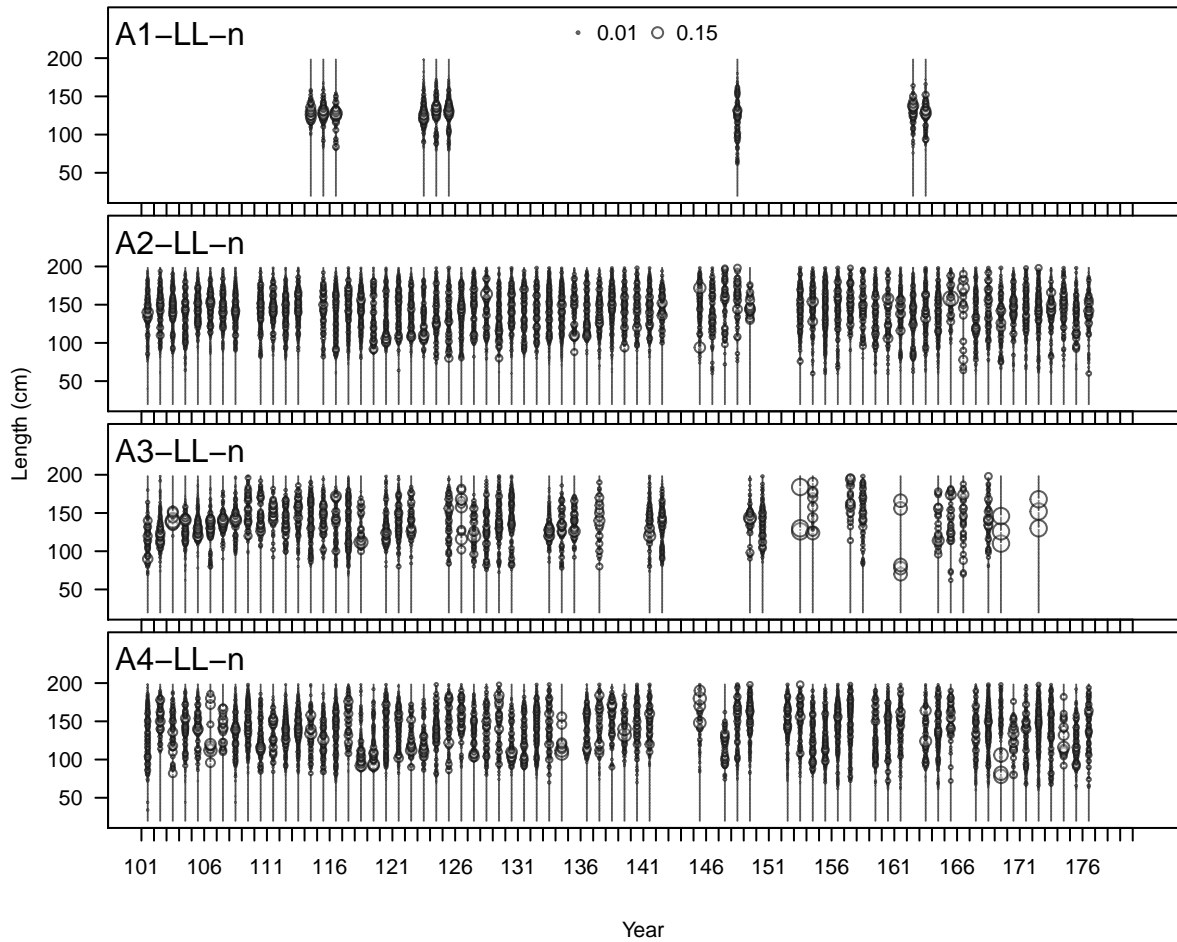


A5-NOADEL (whole catch)

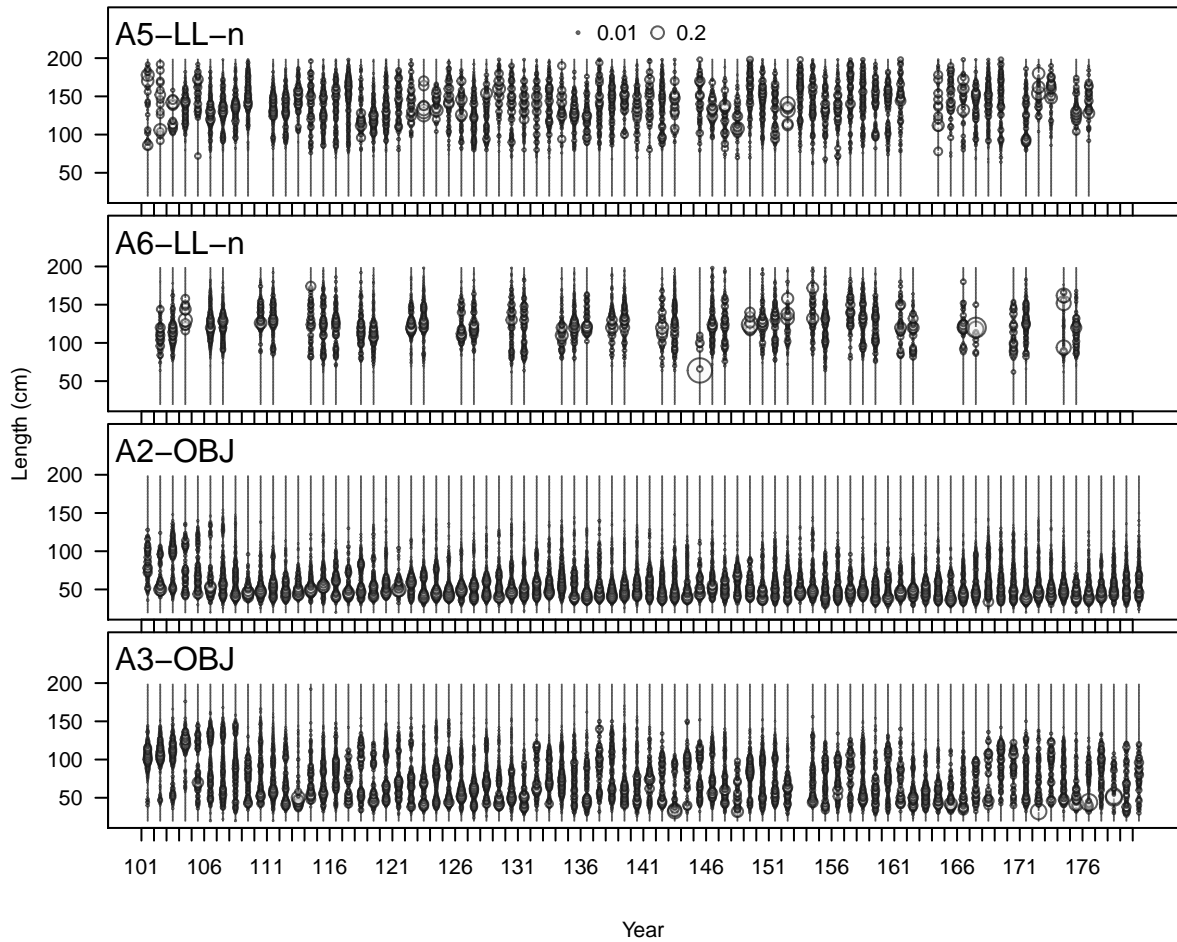


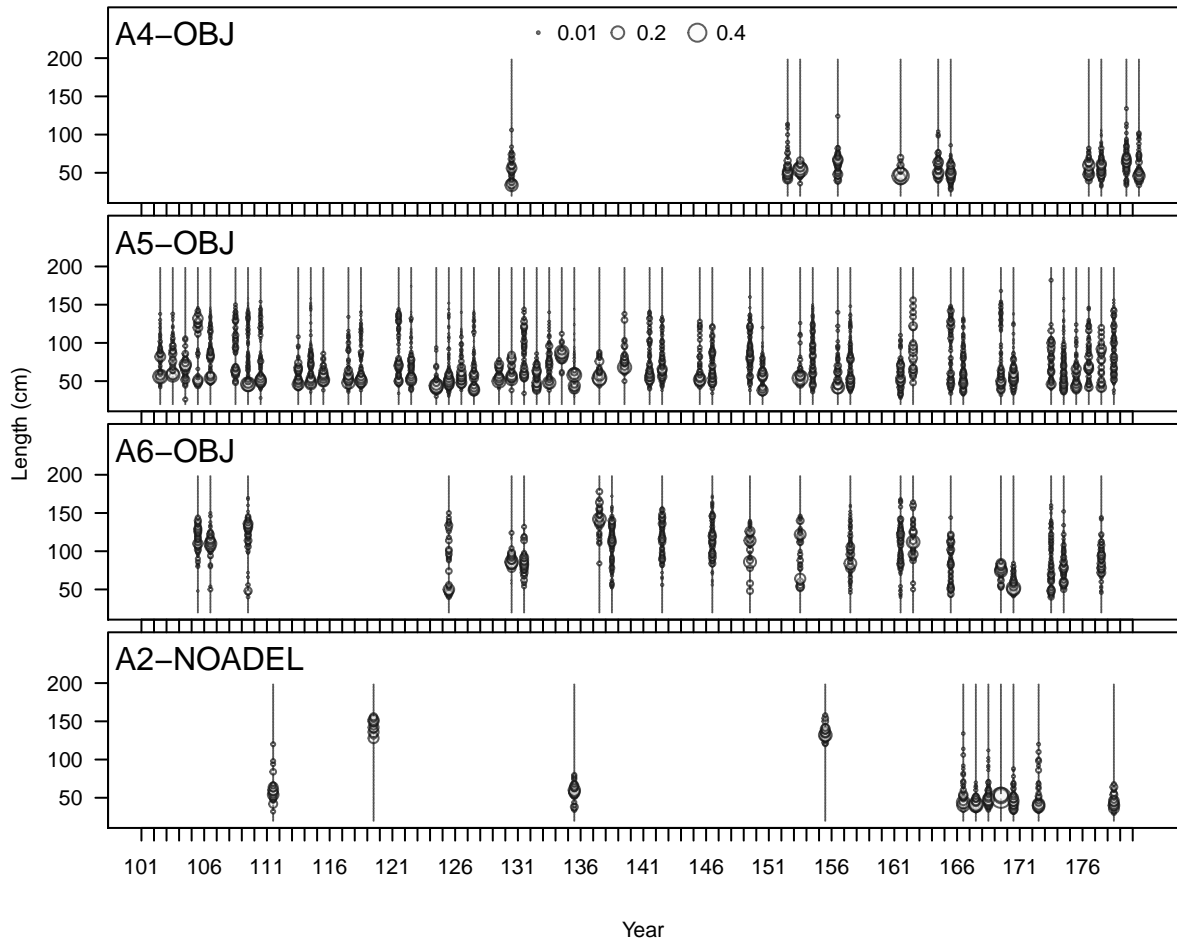
Proportion

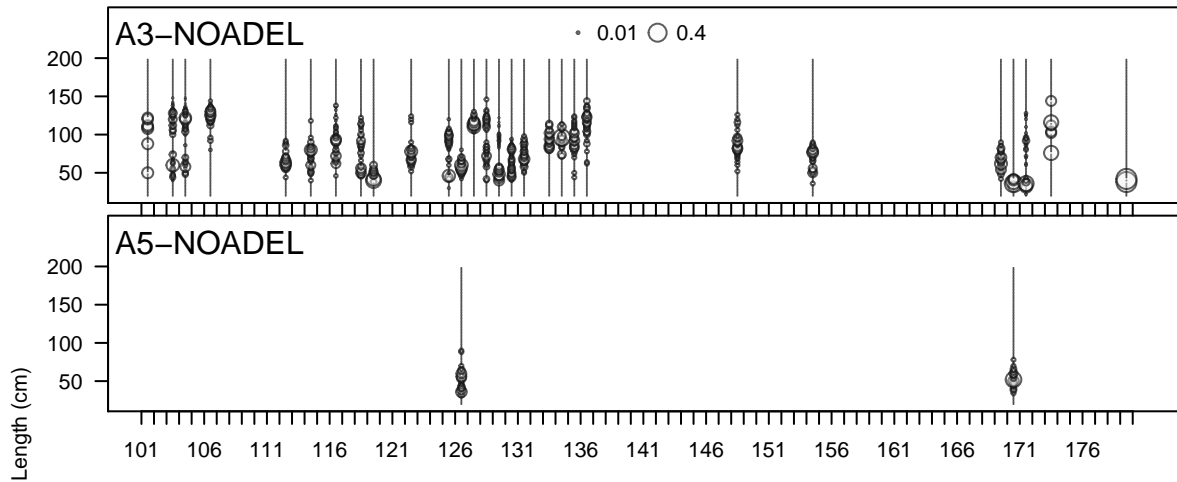


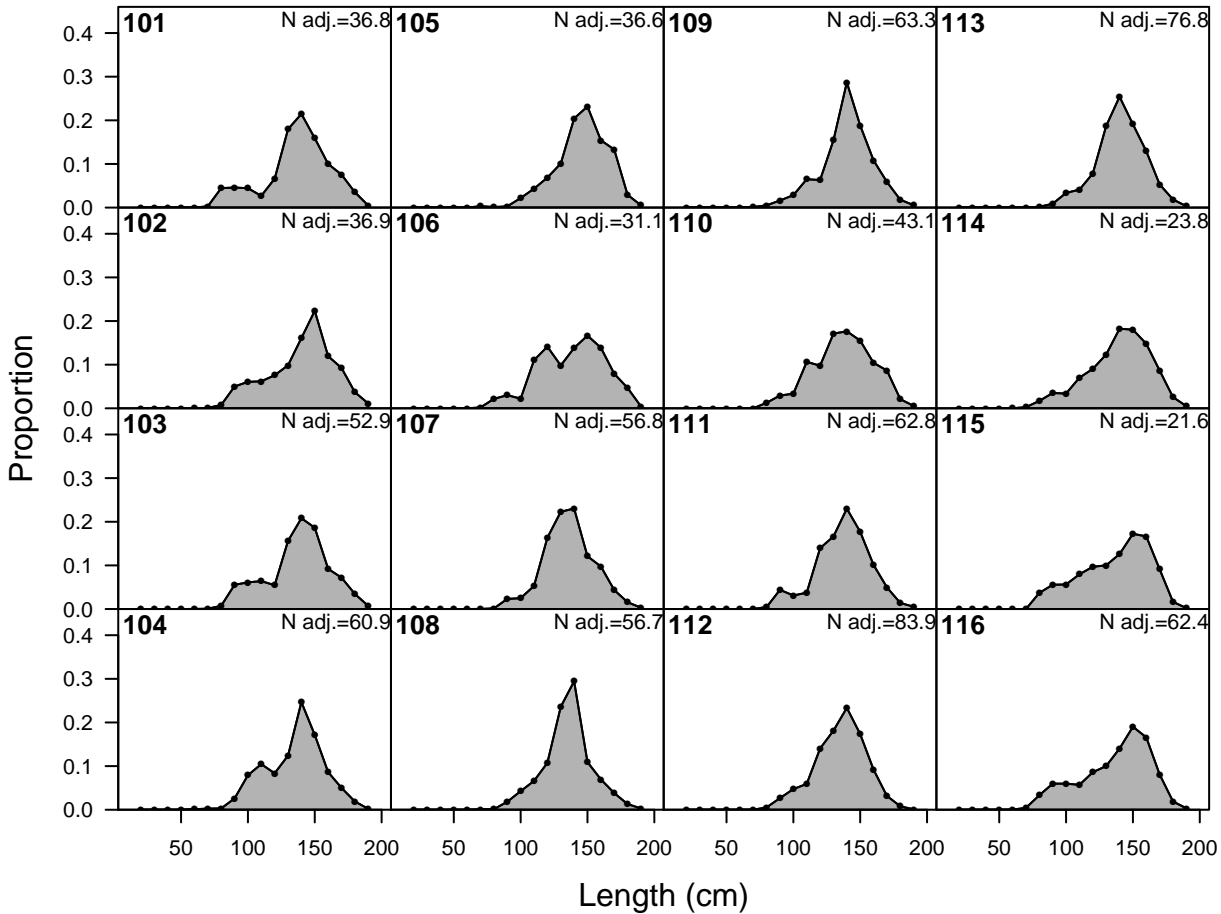


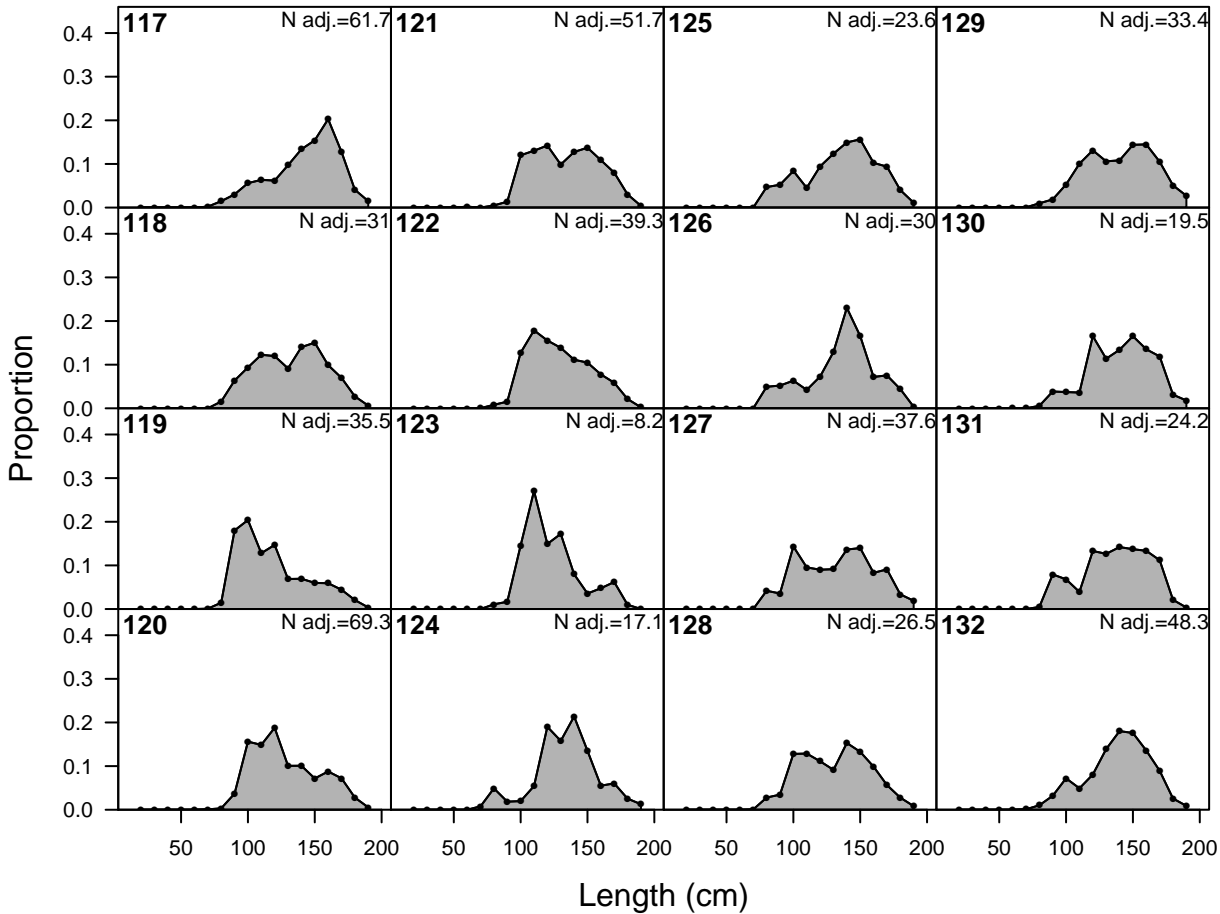


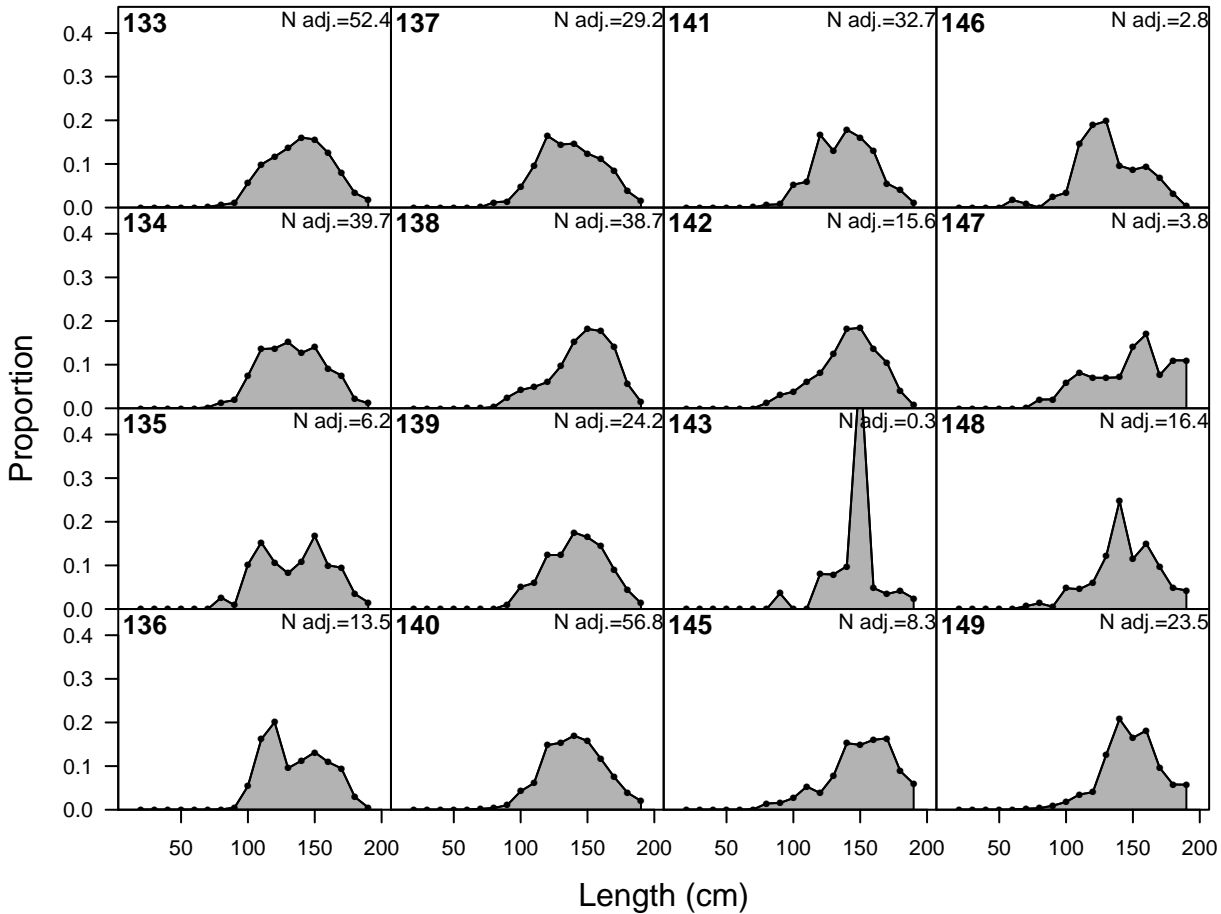


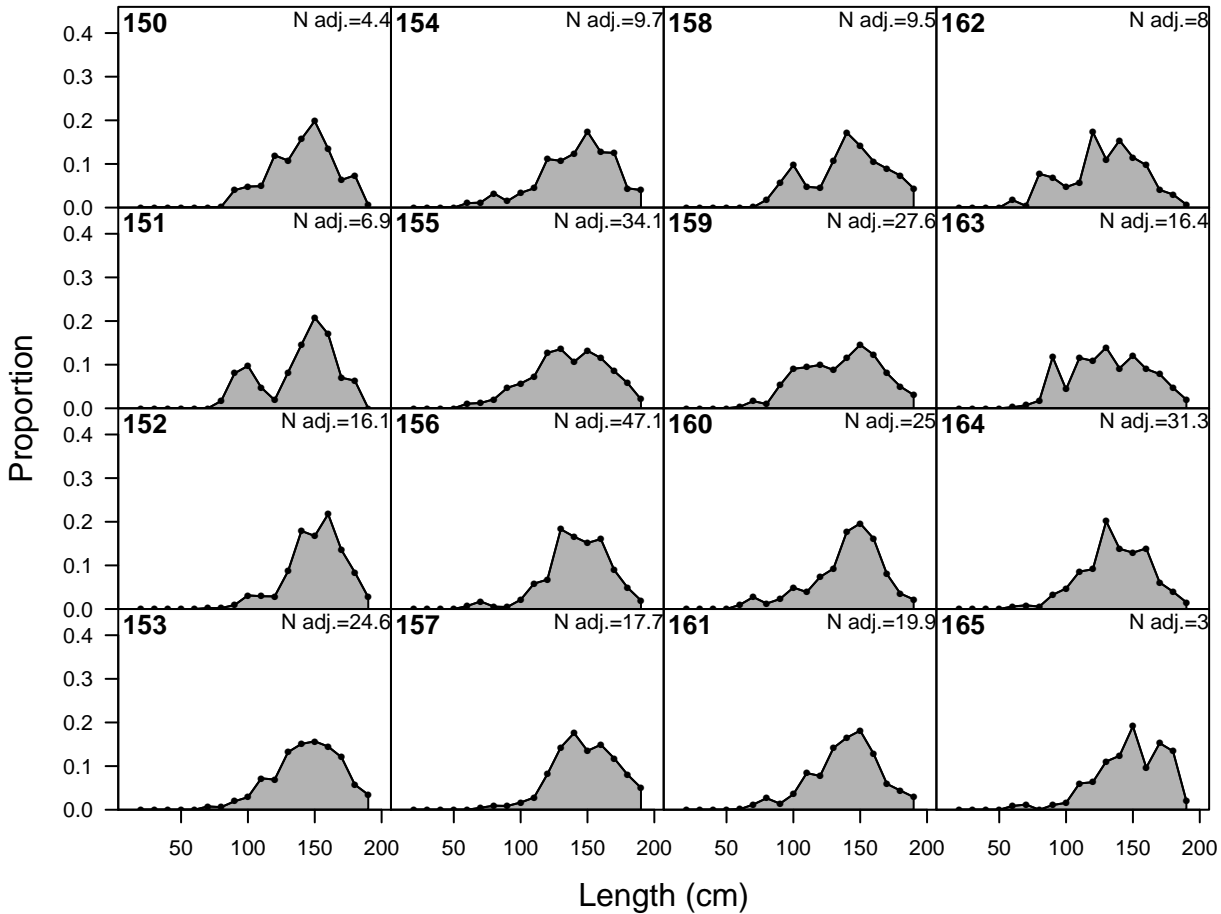


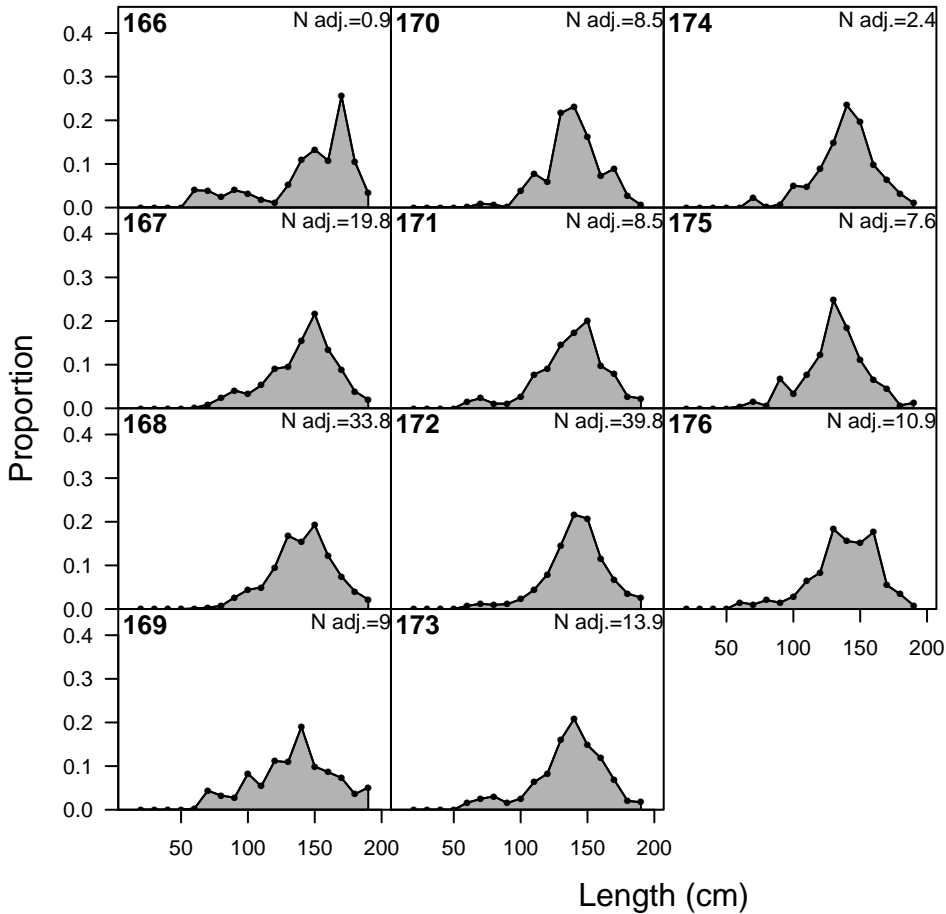




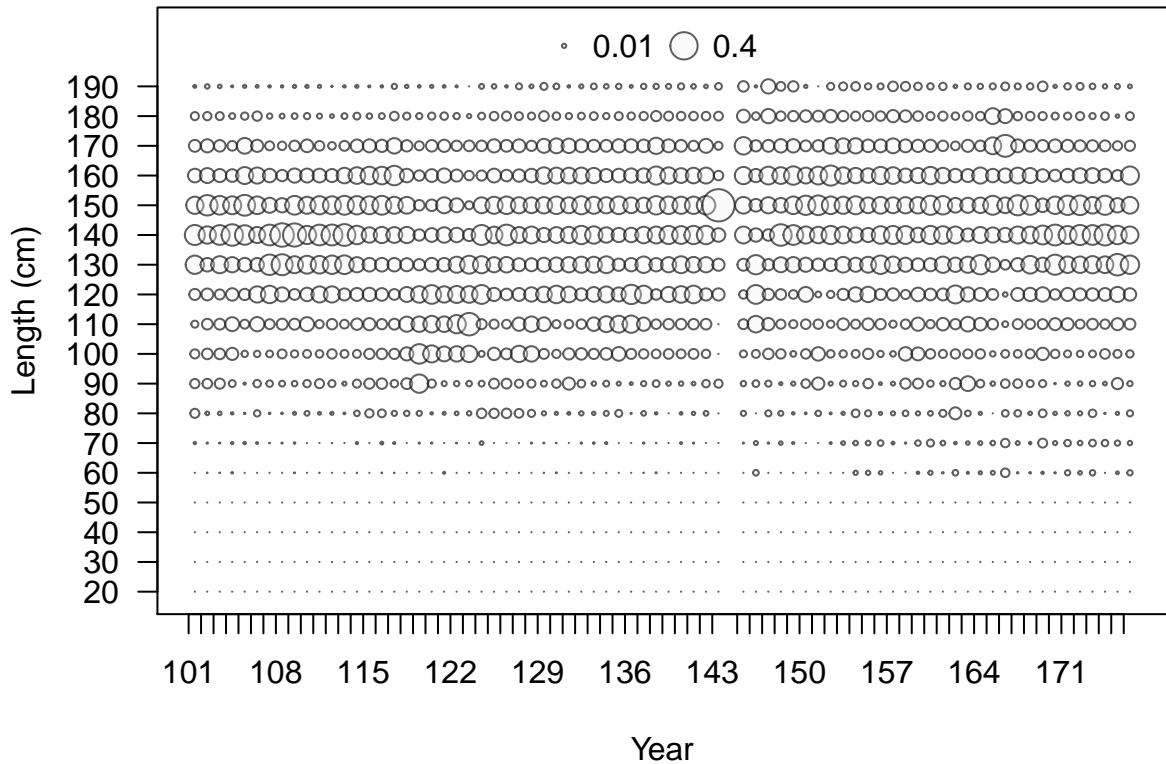




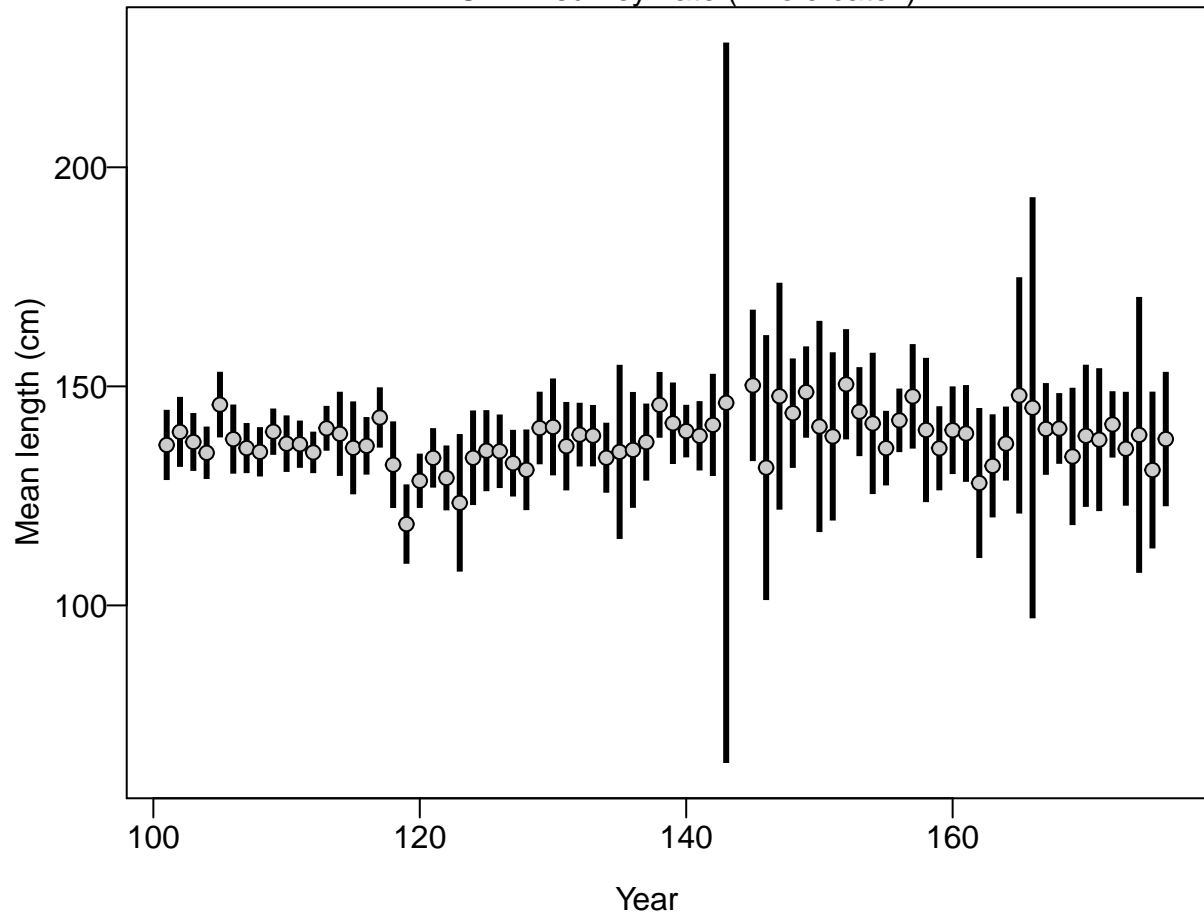


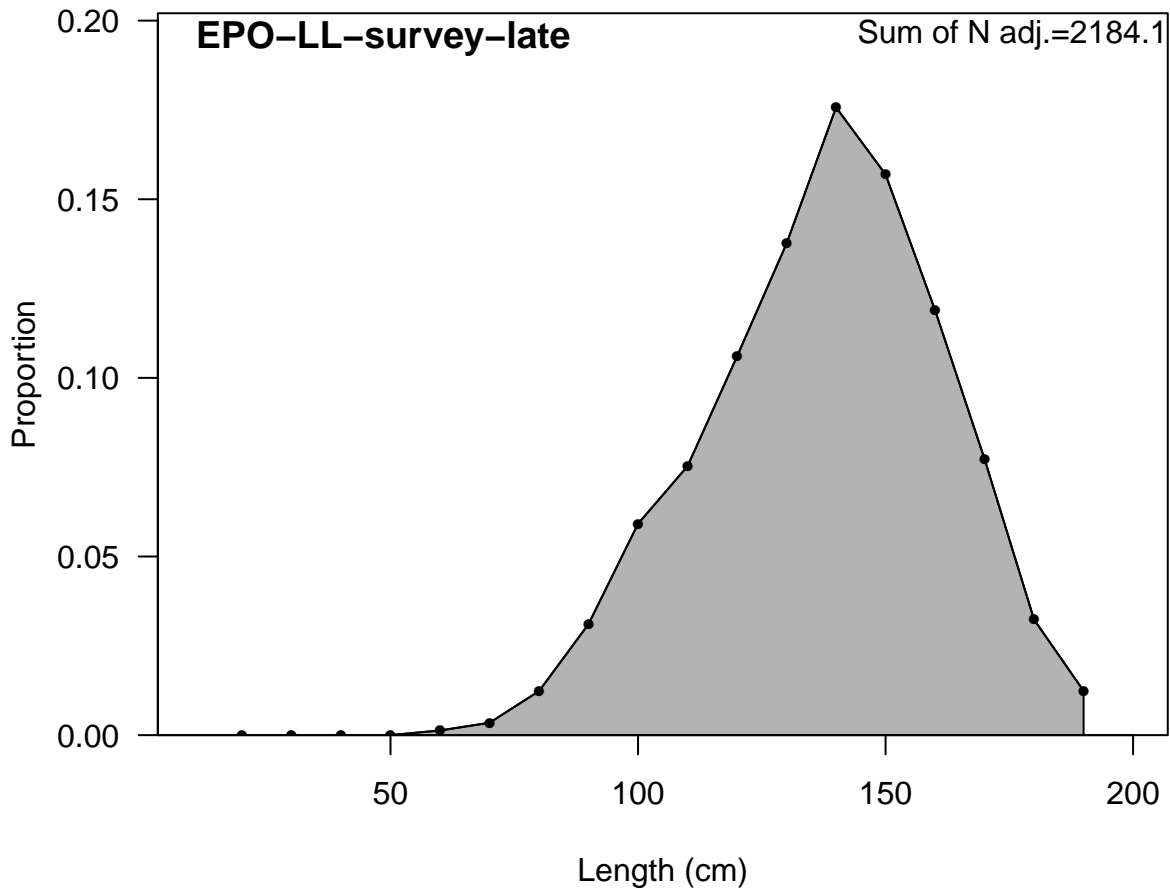




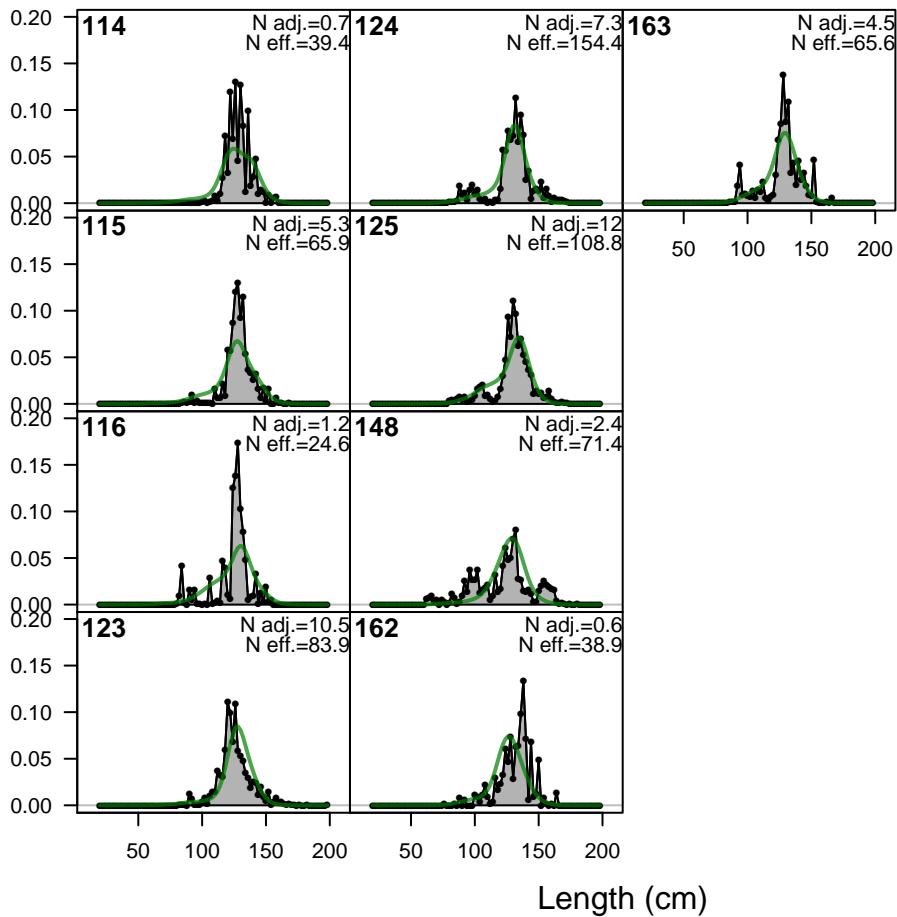


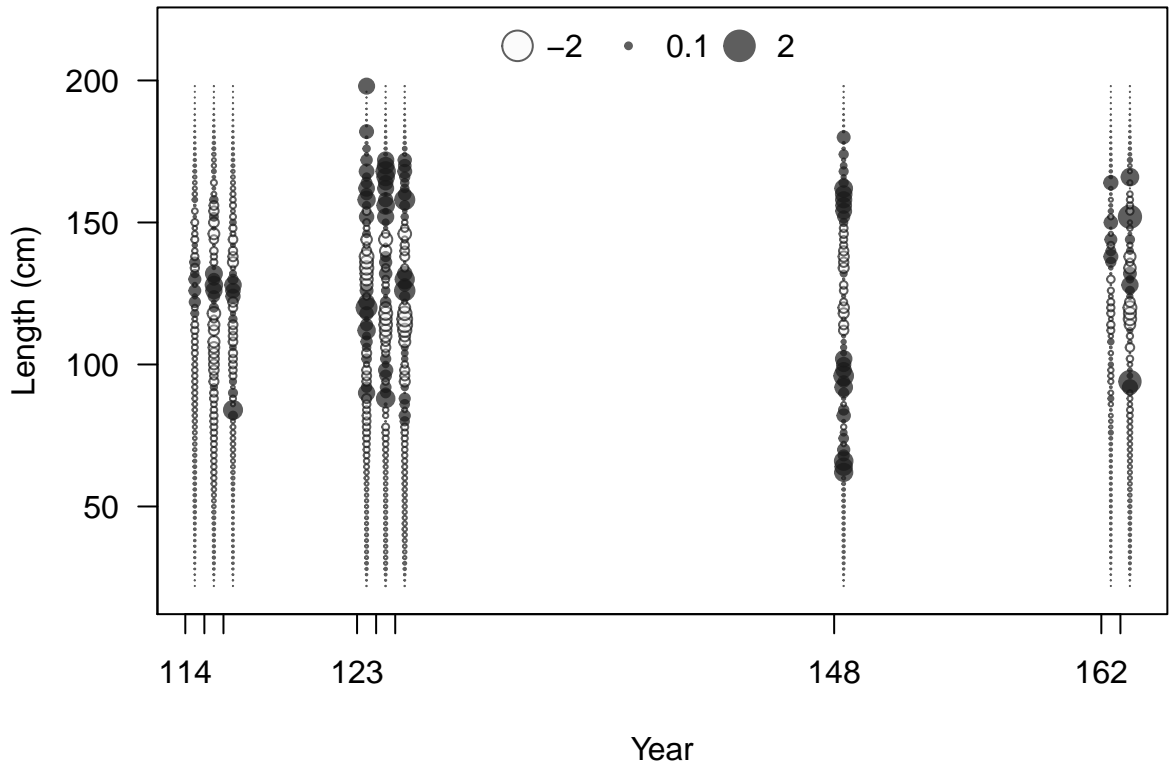
EPO-LL-survey-late (whole catch)

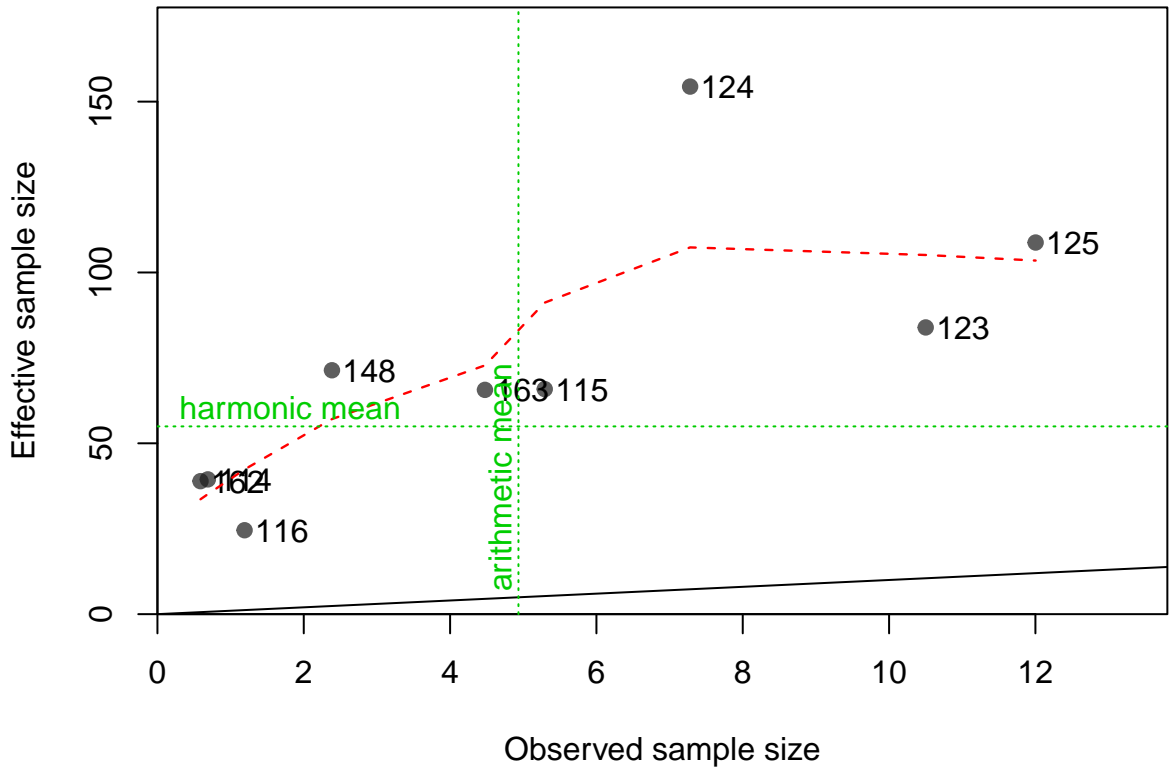




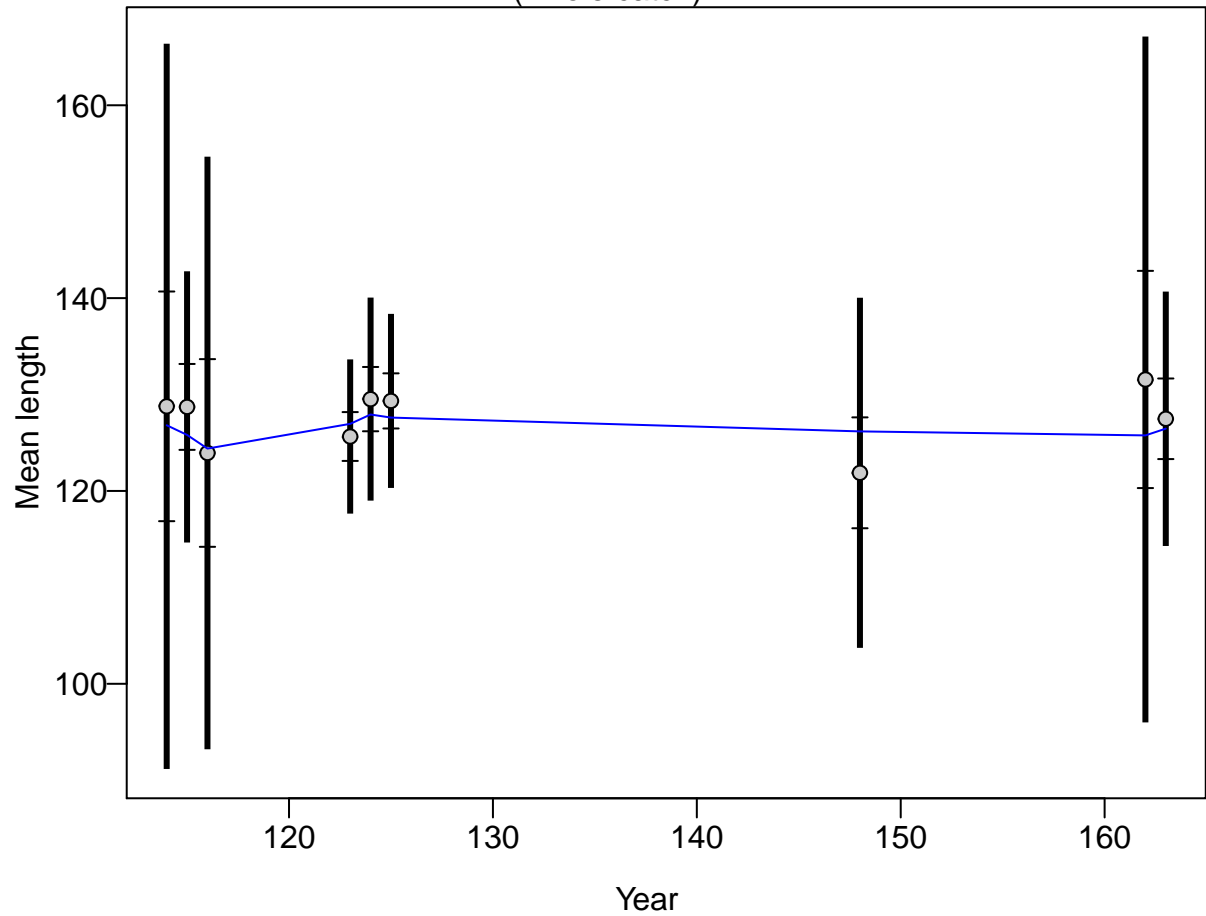
Proportion



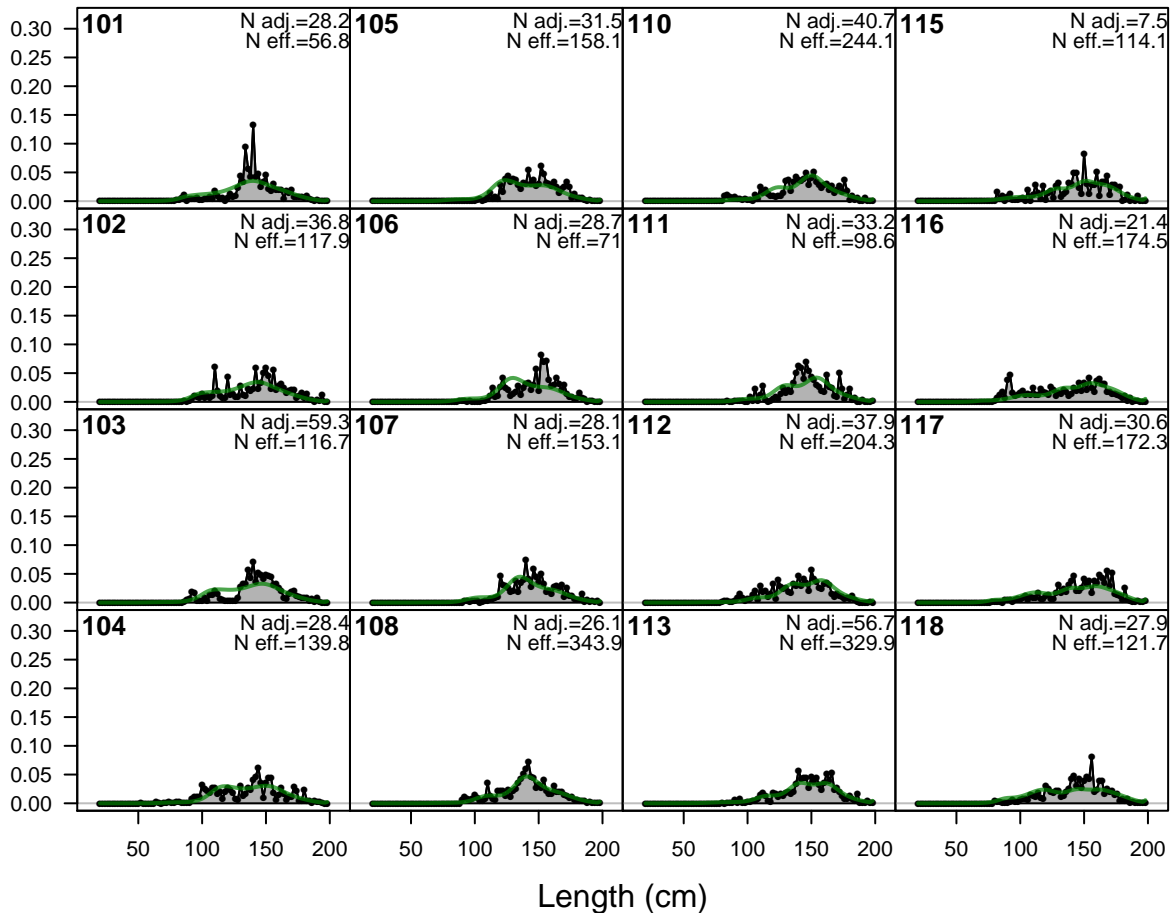




A1-LL-n (whole catch)

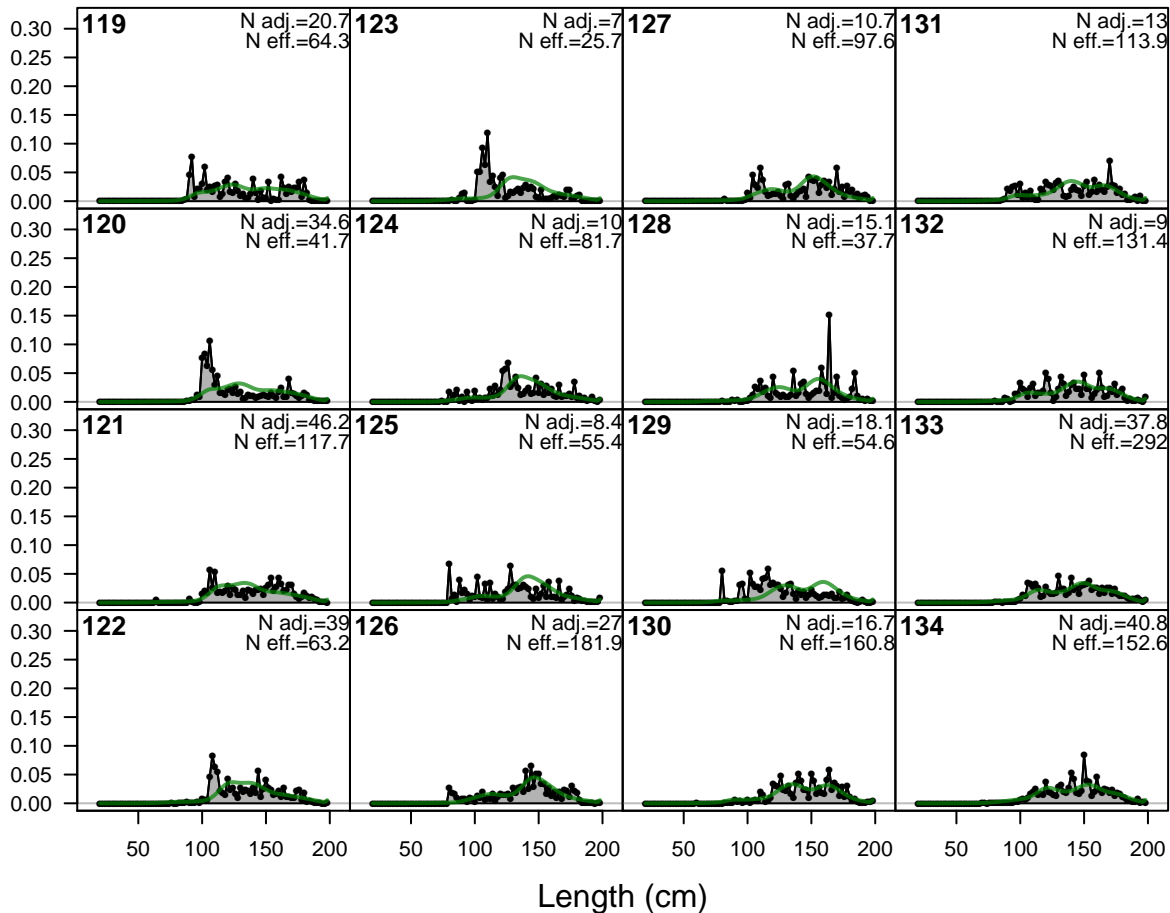


Proportion

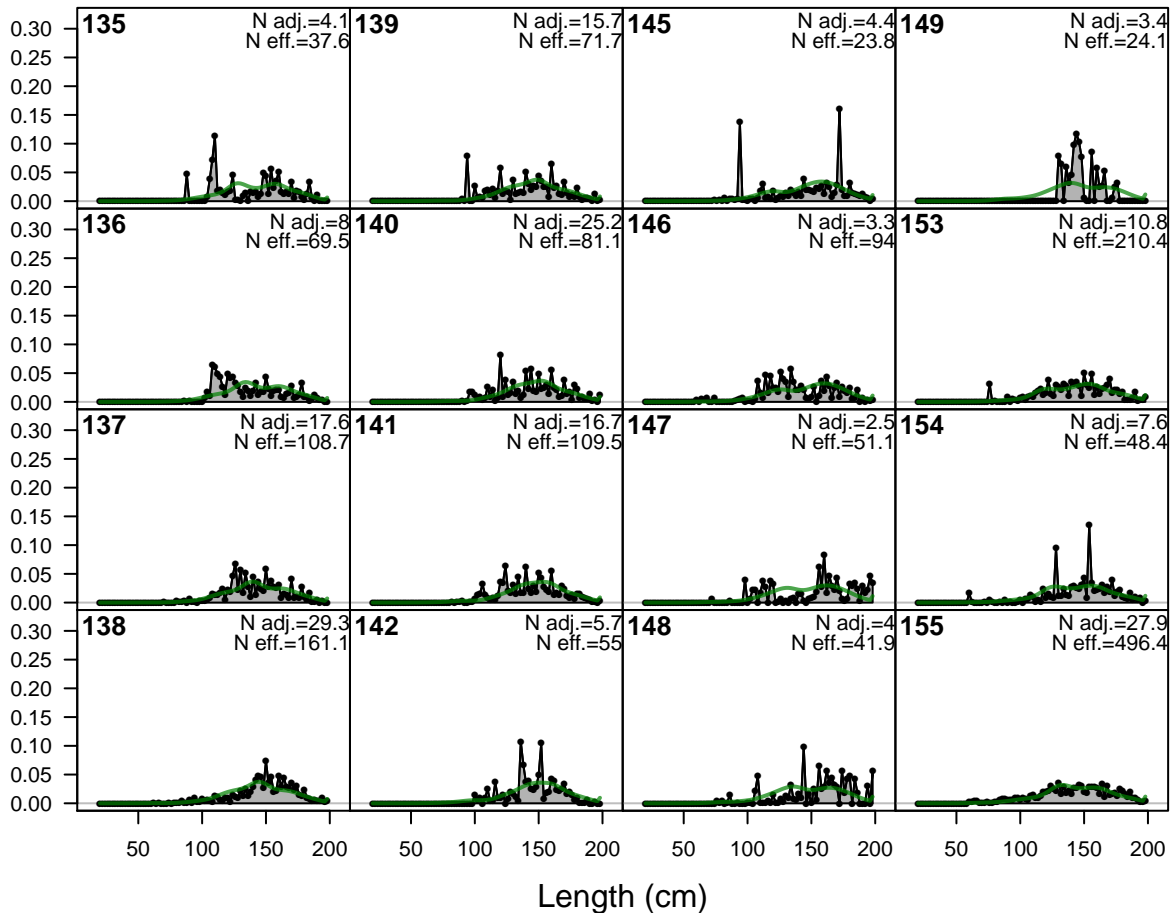




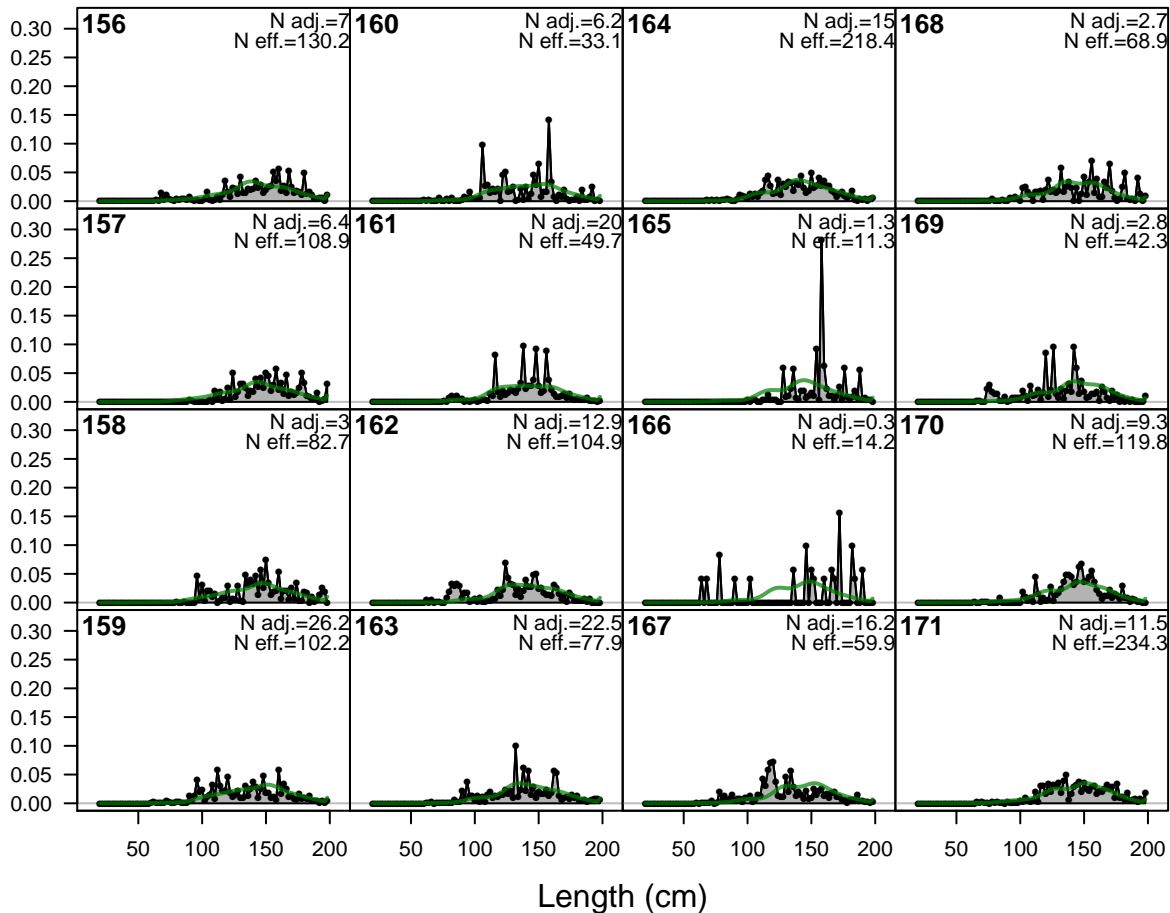
Proportion



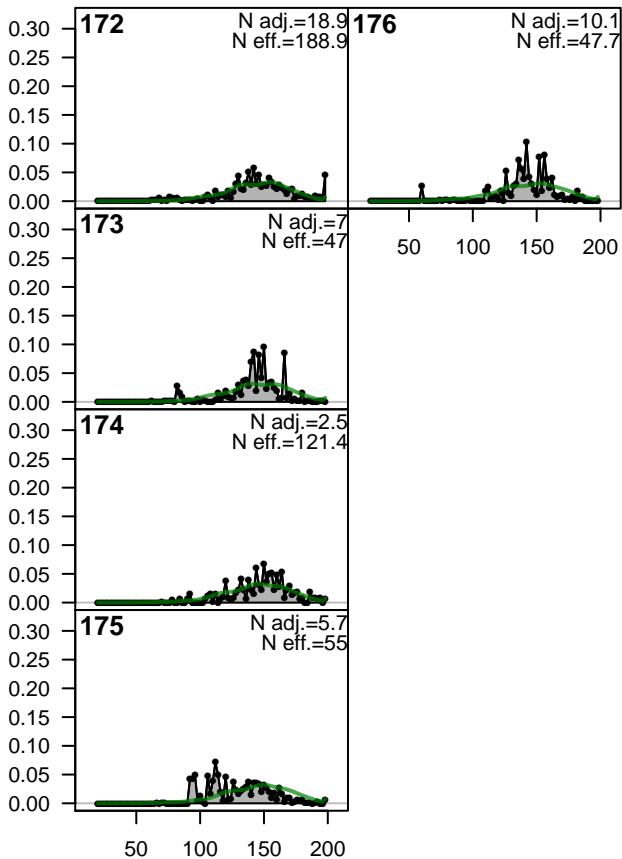
Proportion



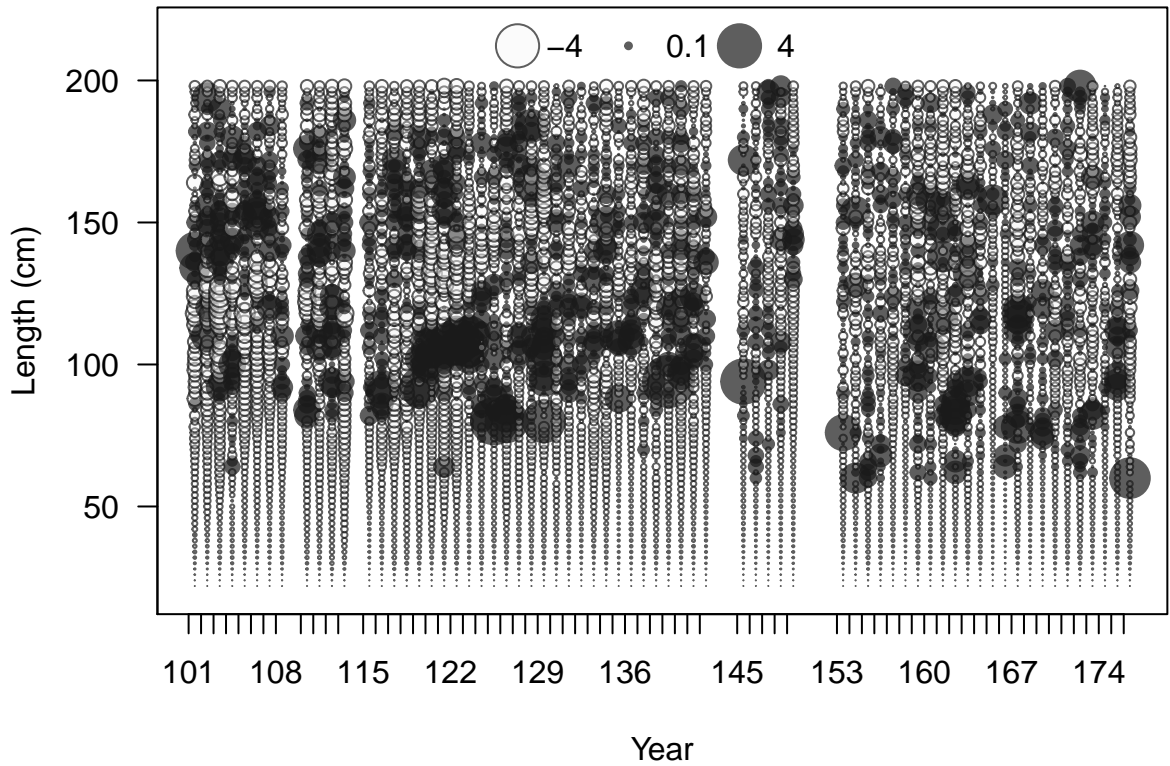
Proportion



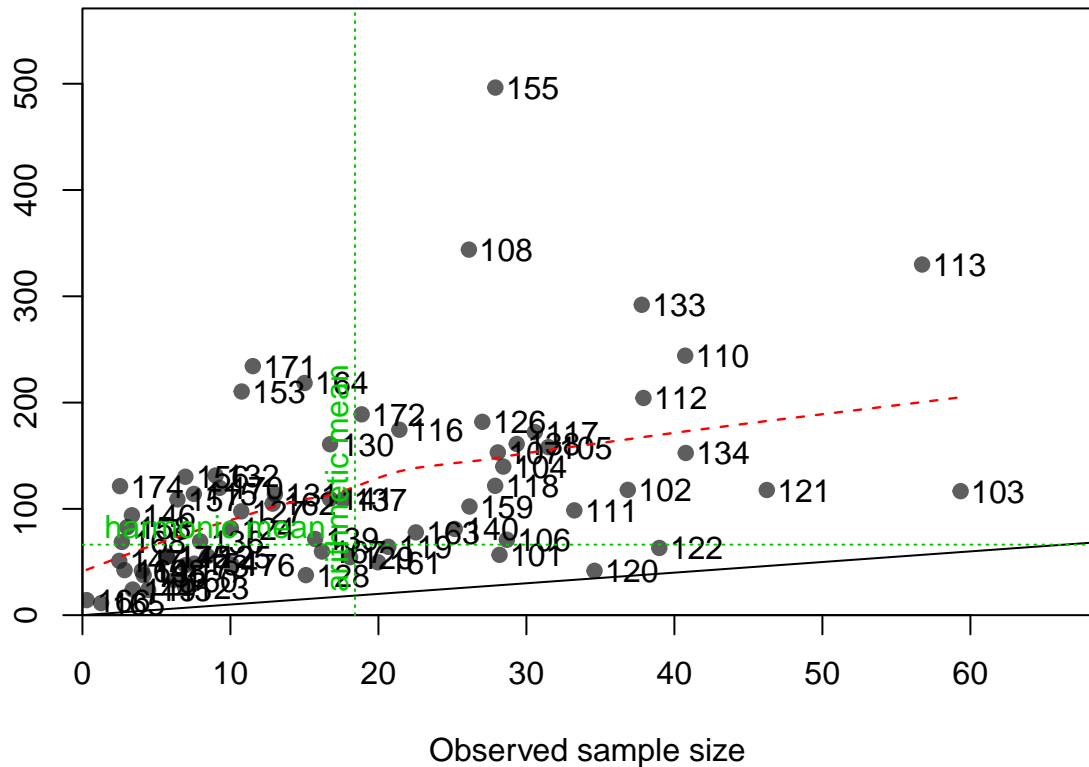
Proportion



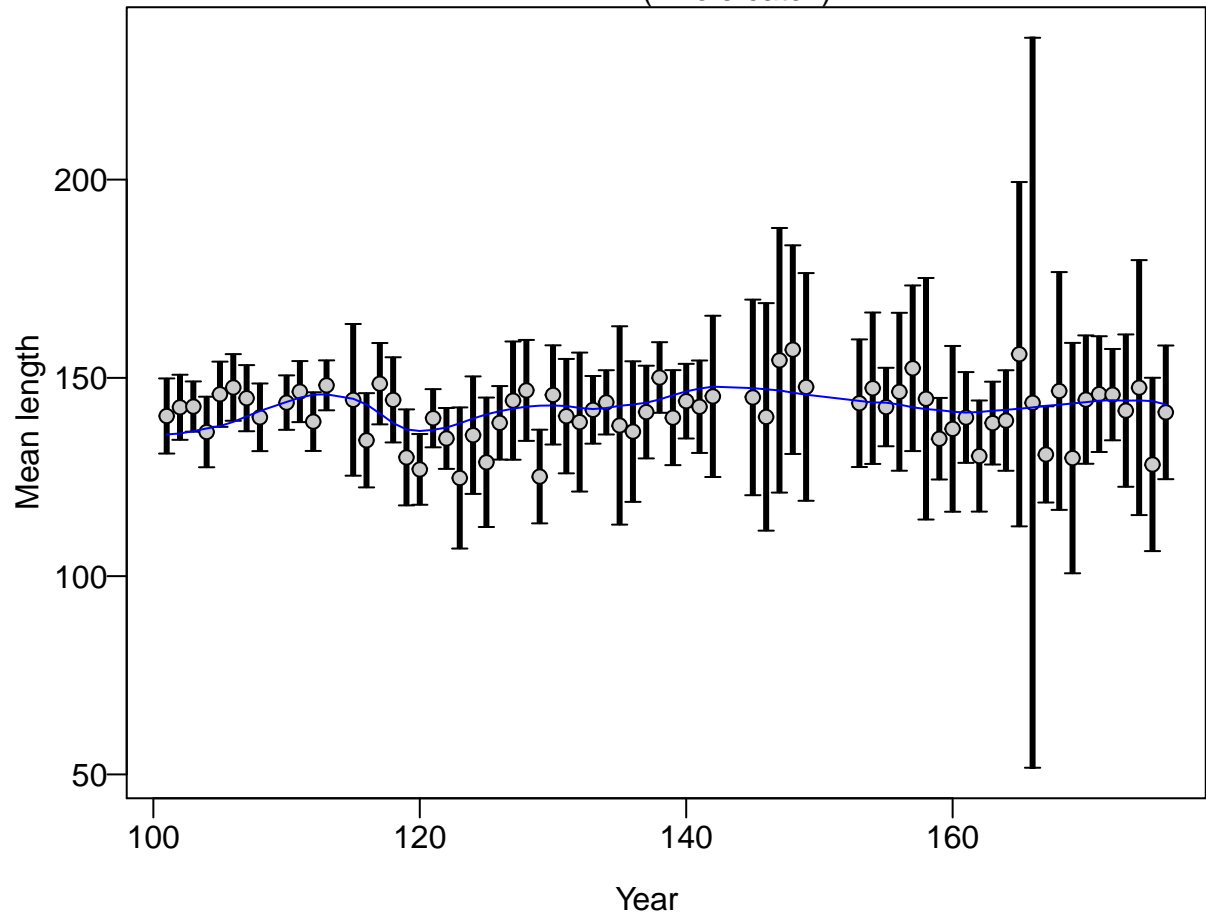
Length (cm)



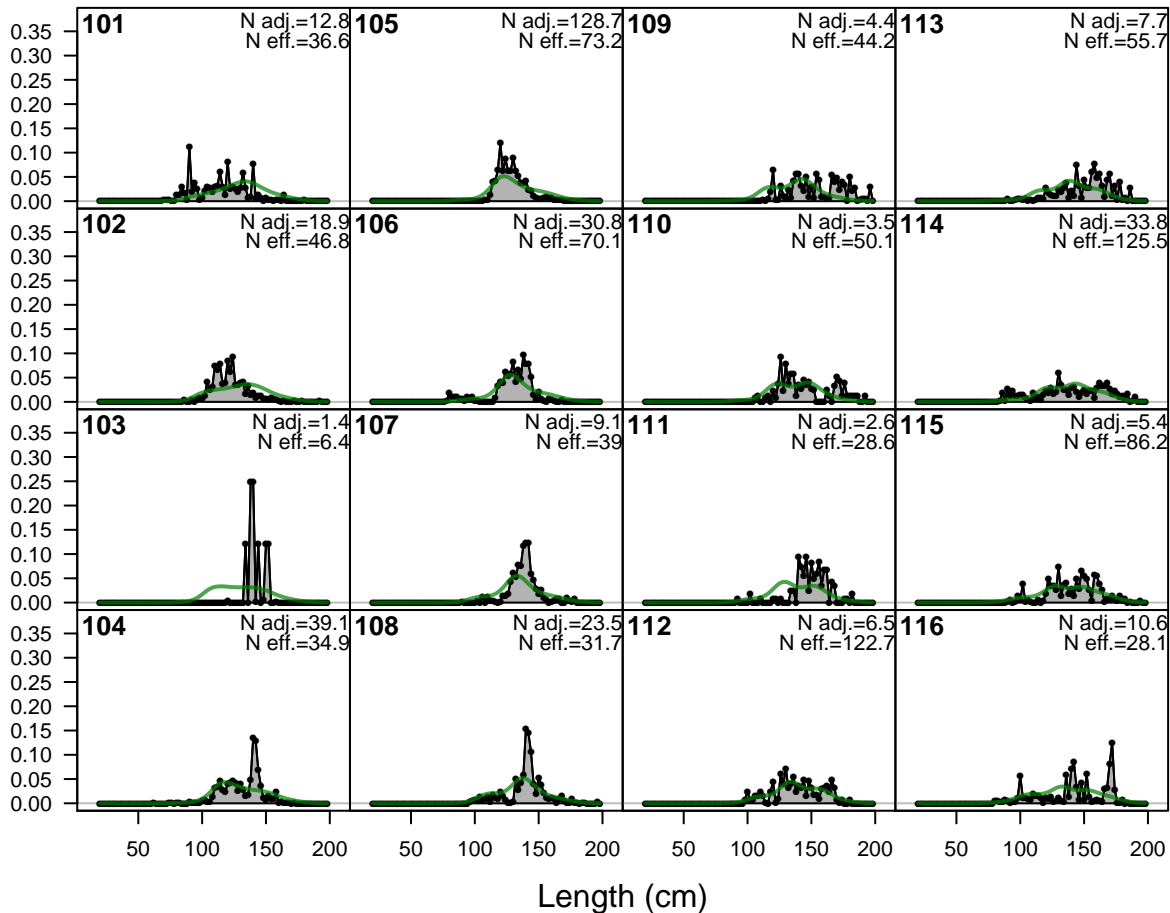
Effective sample size



A2-LL-n (whole catch)

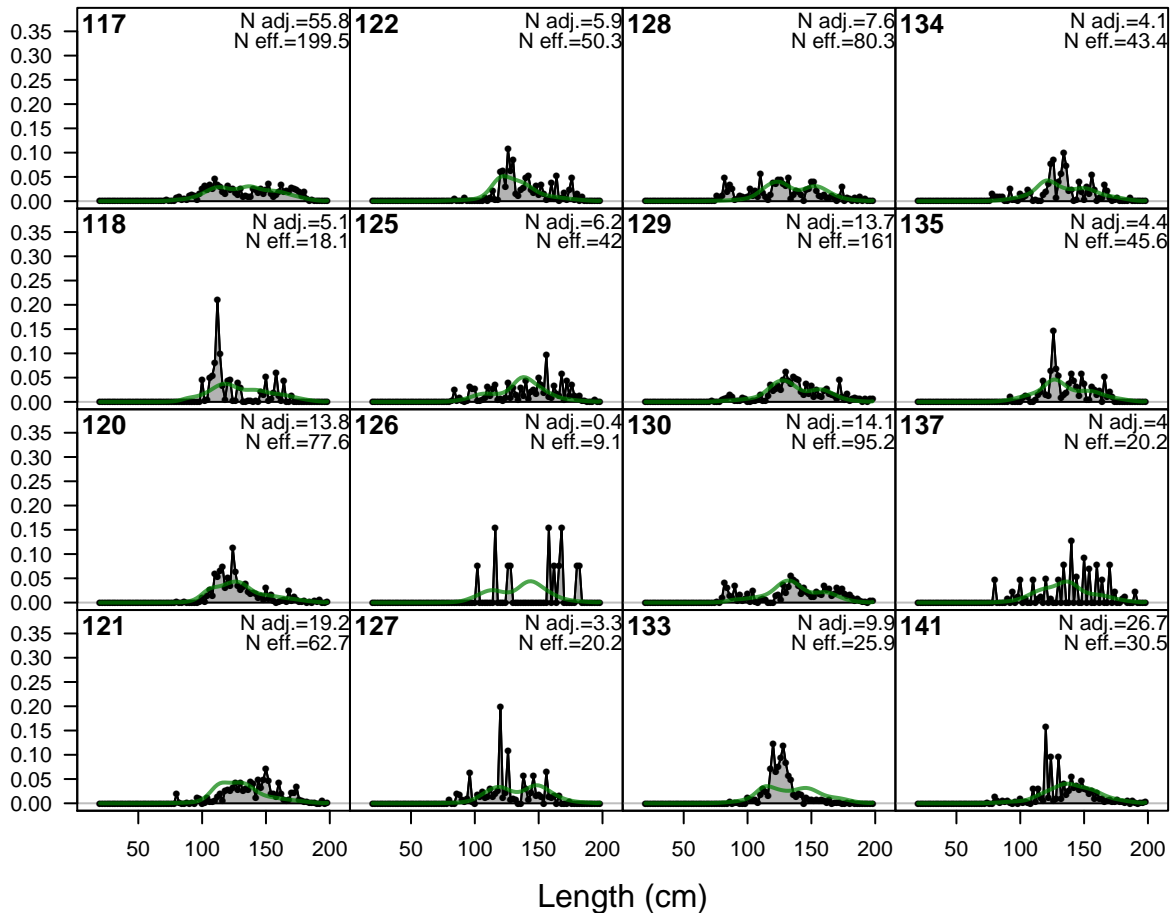


Proportion

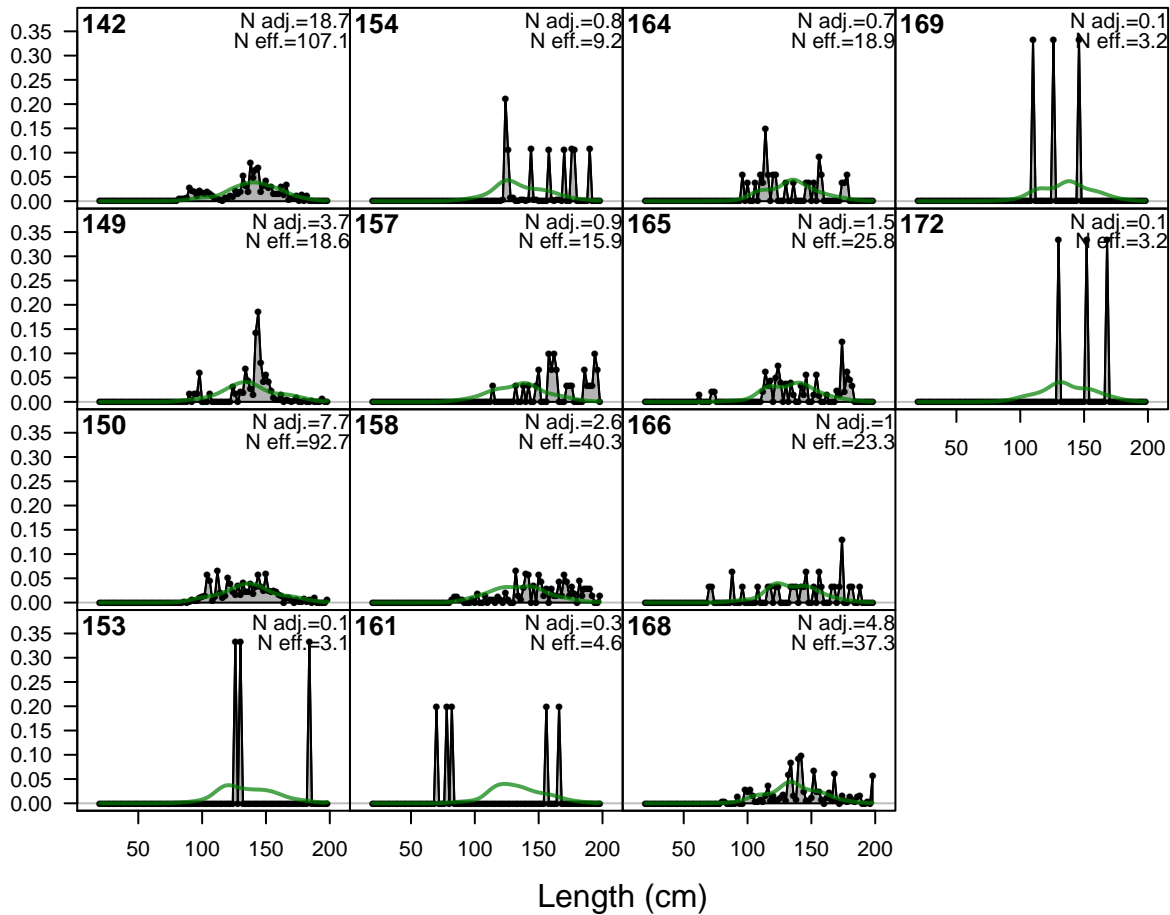


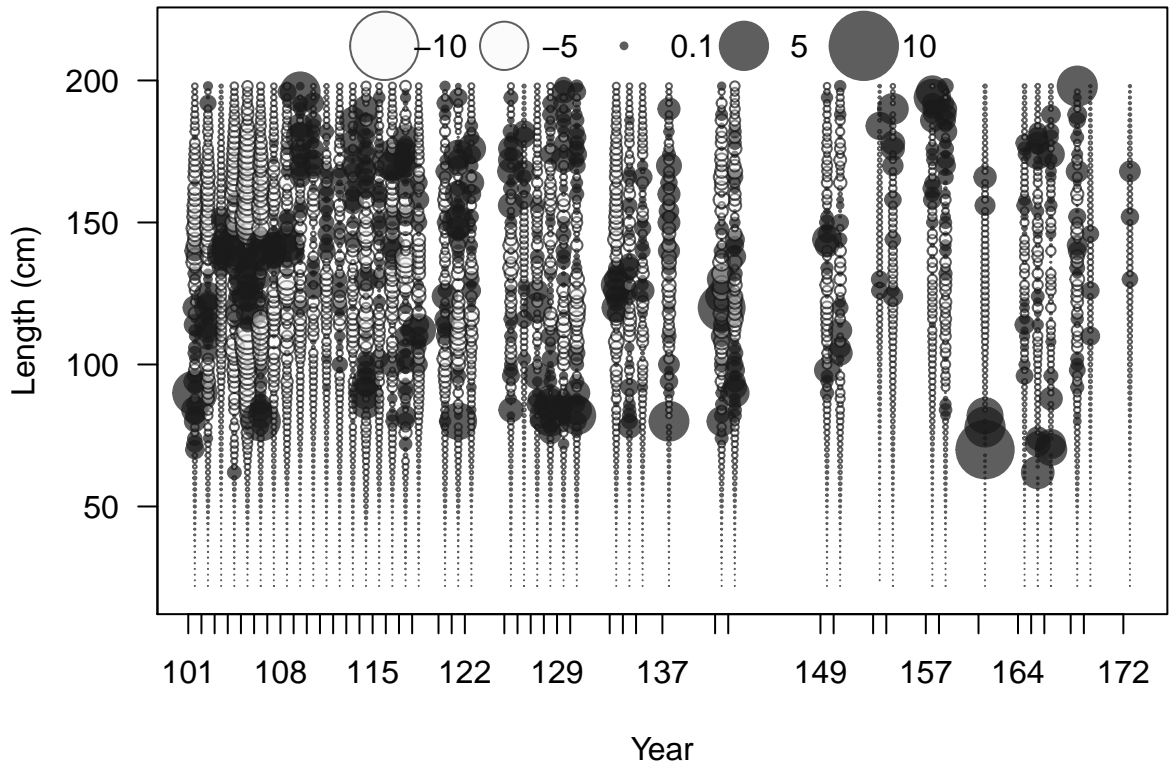


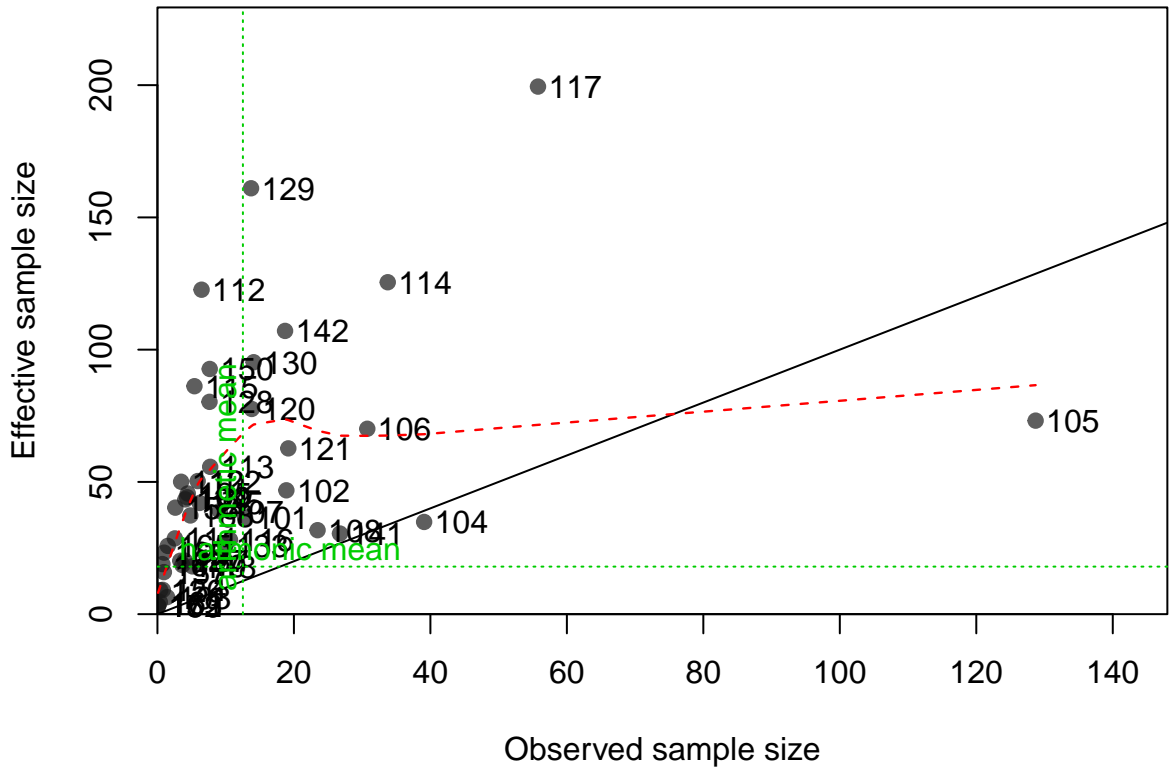
Proportion



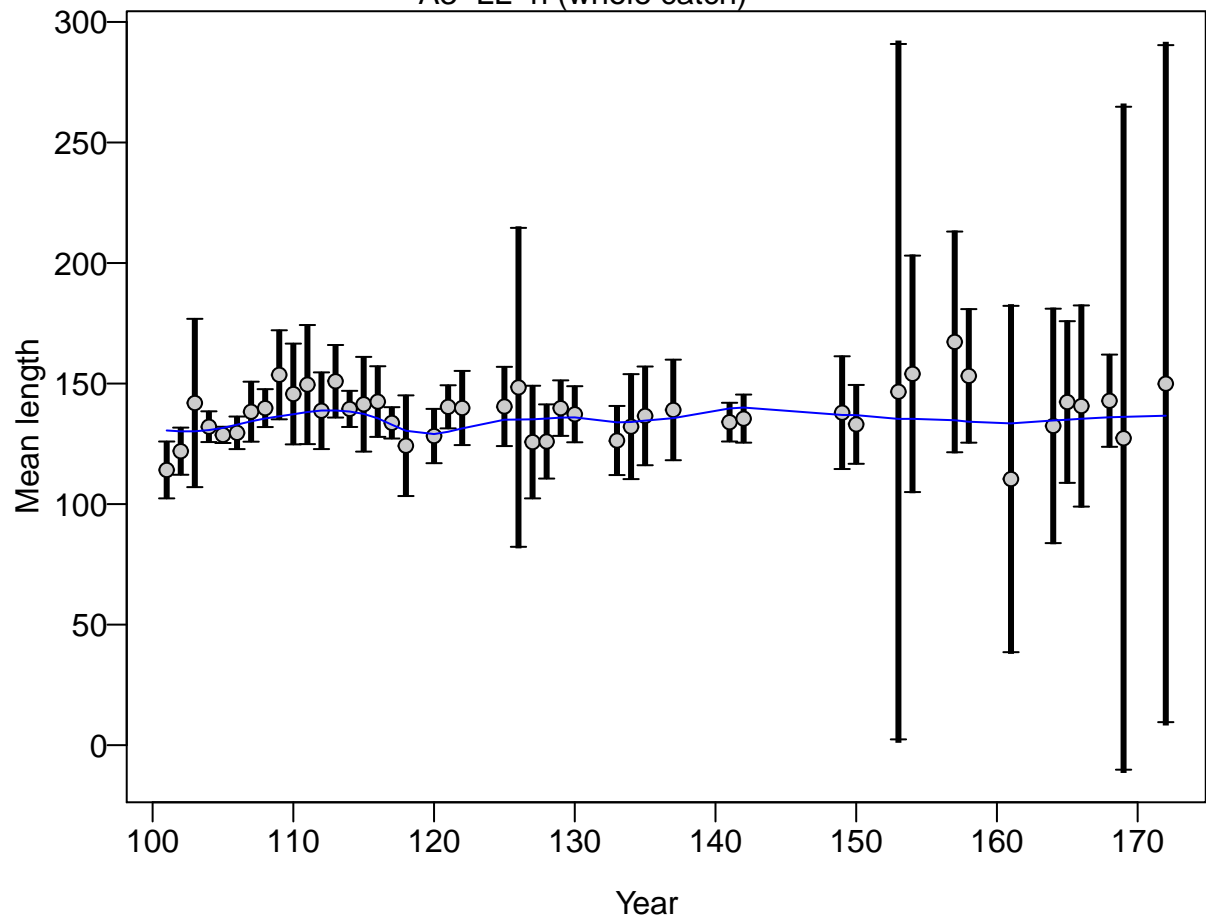
Proportion



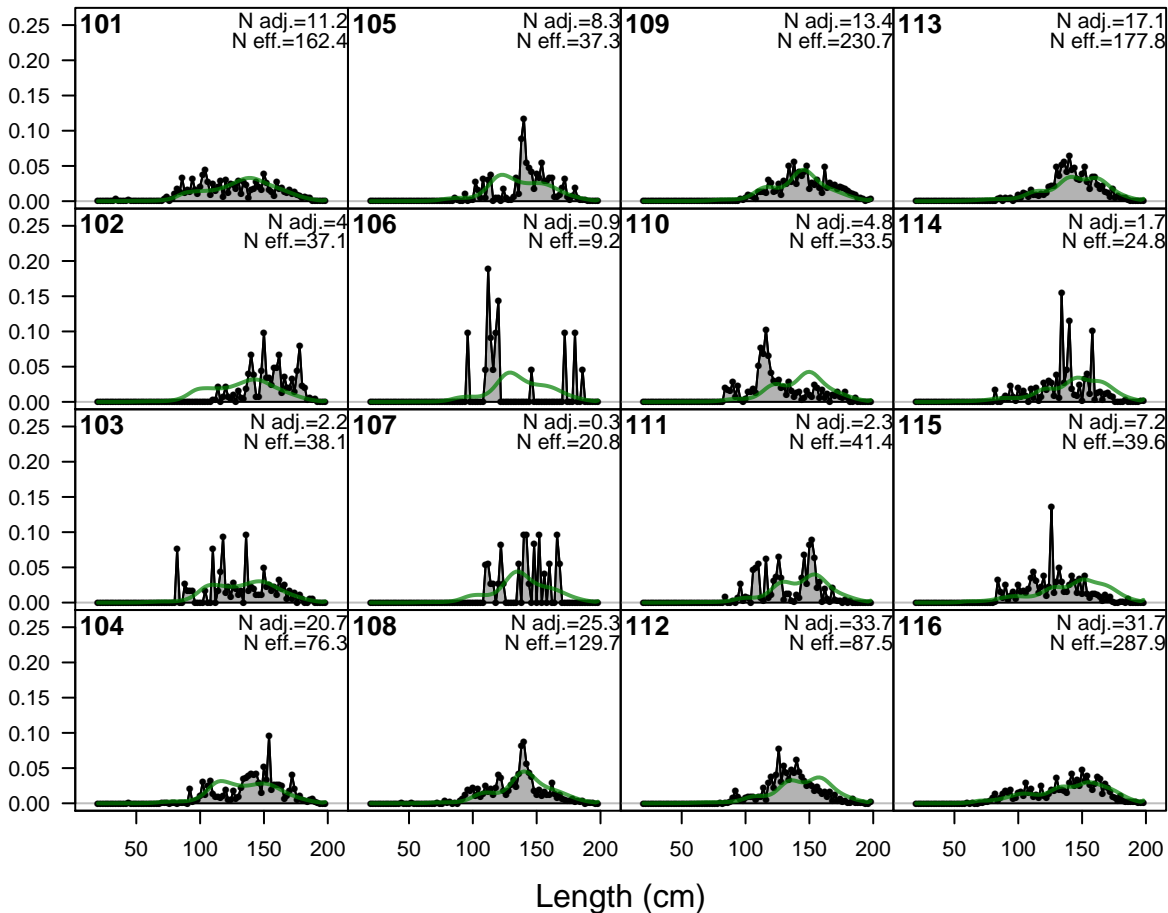




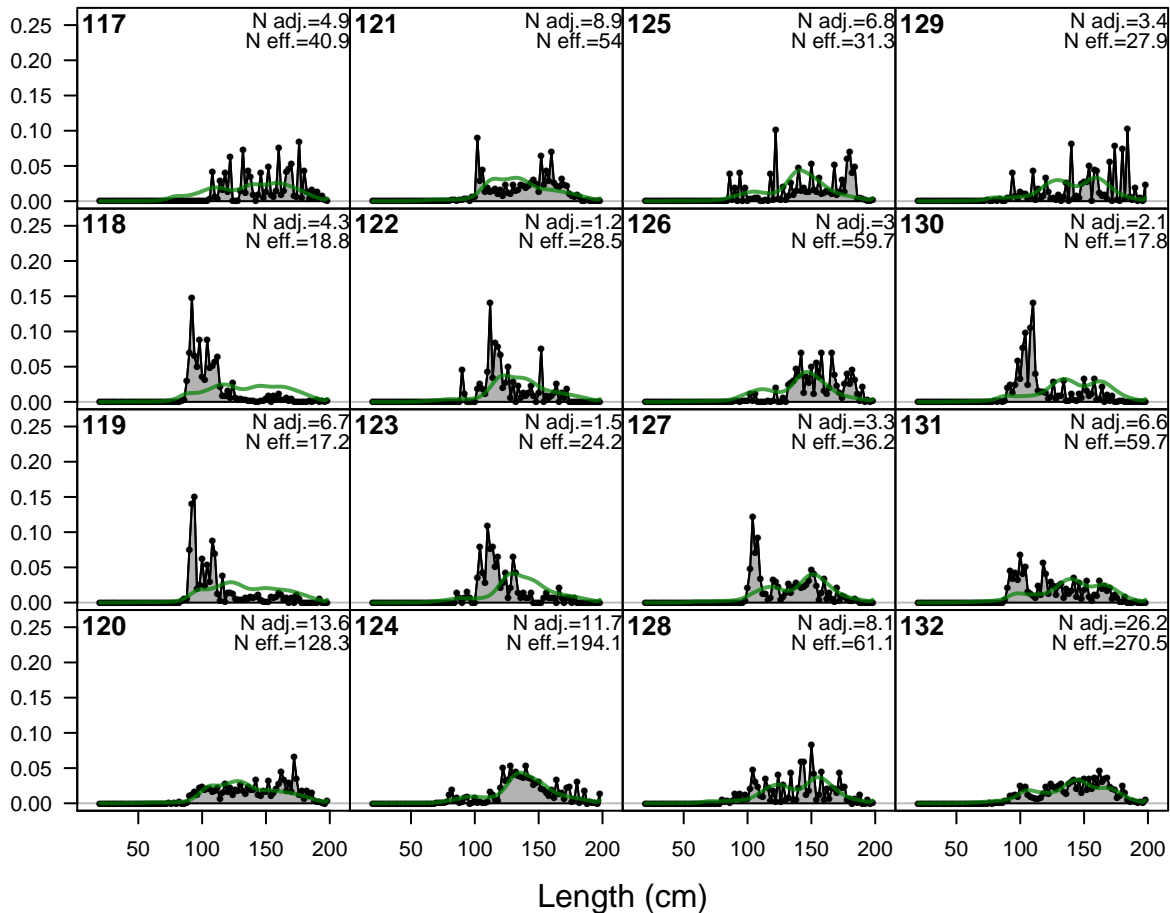
A3-LL-n (whole catch)



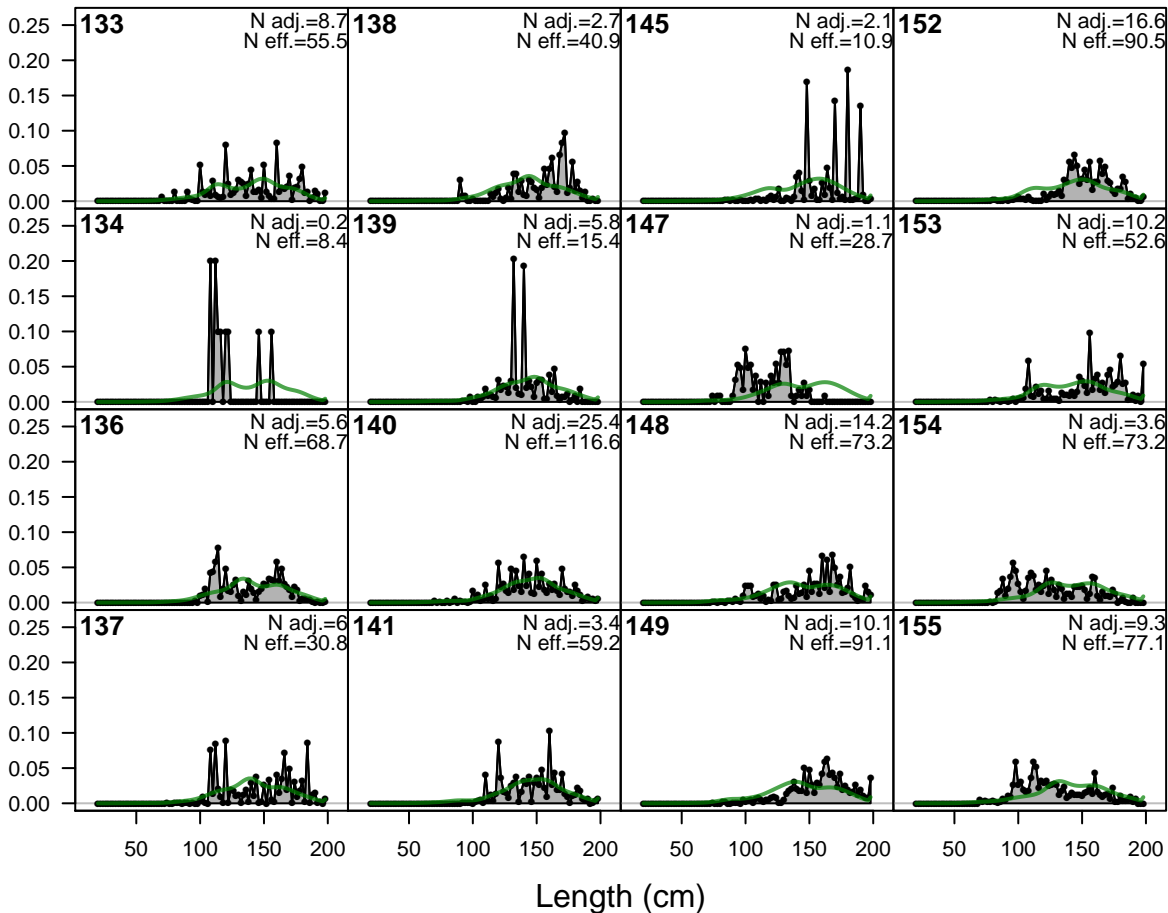
Proportion



Proportion

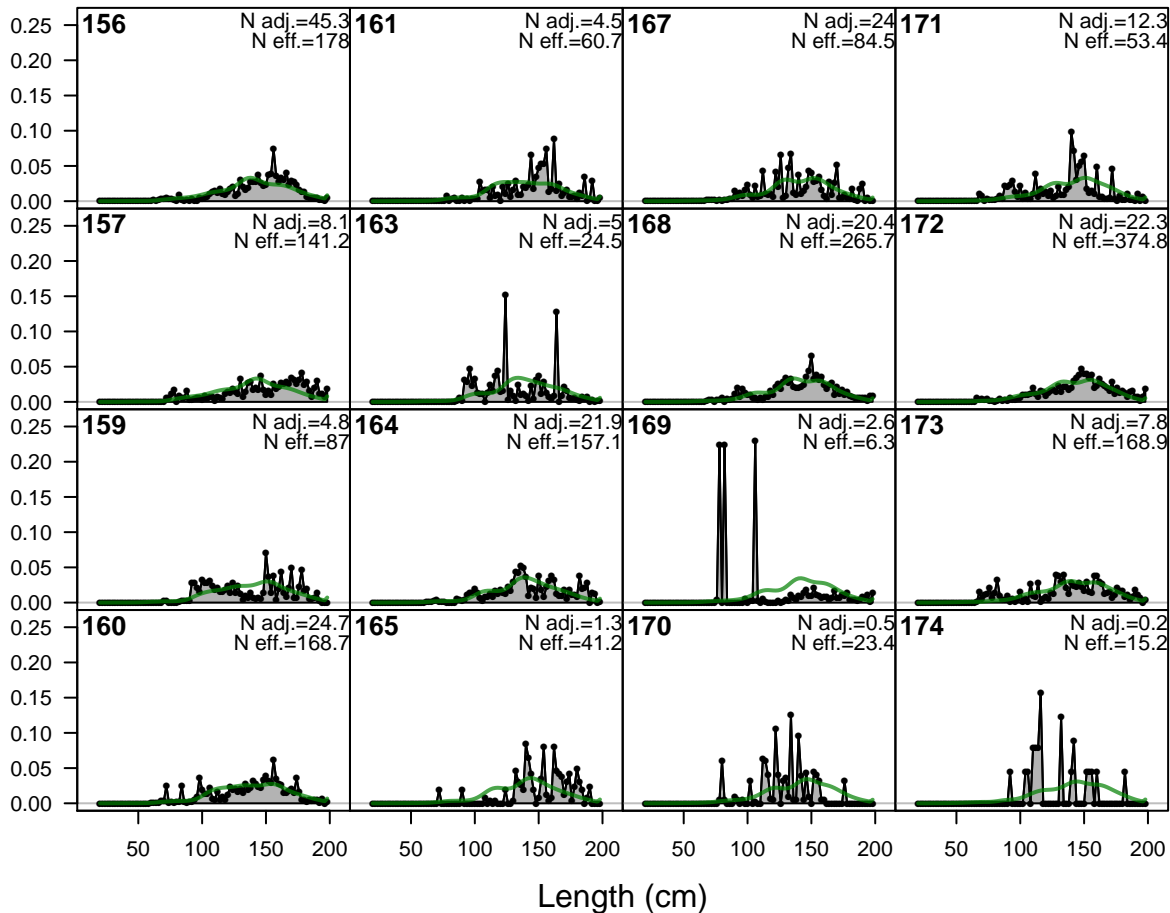


Proportion

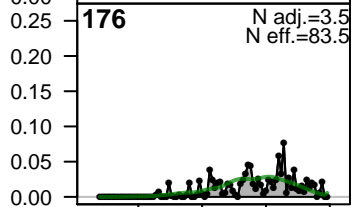
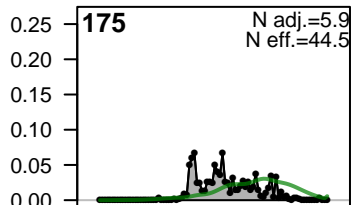




Proportion

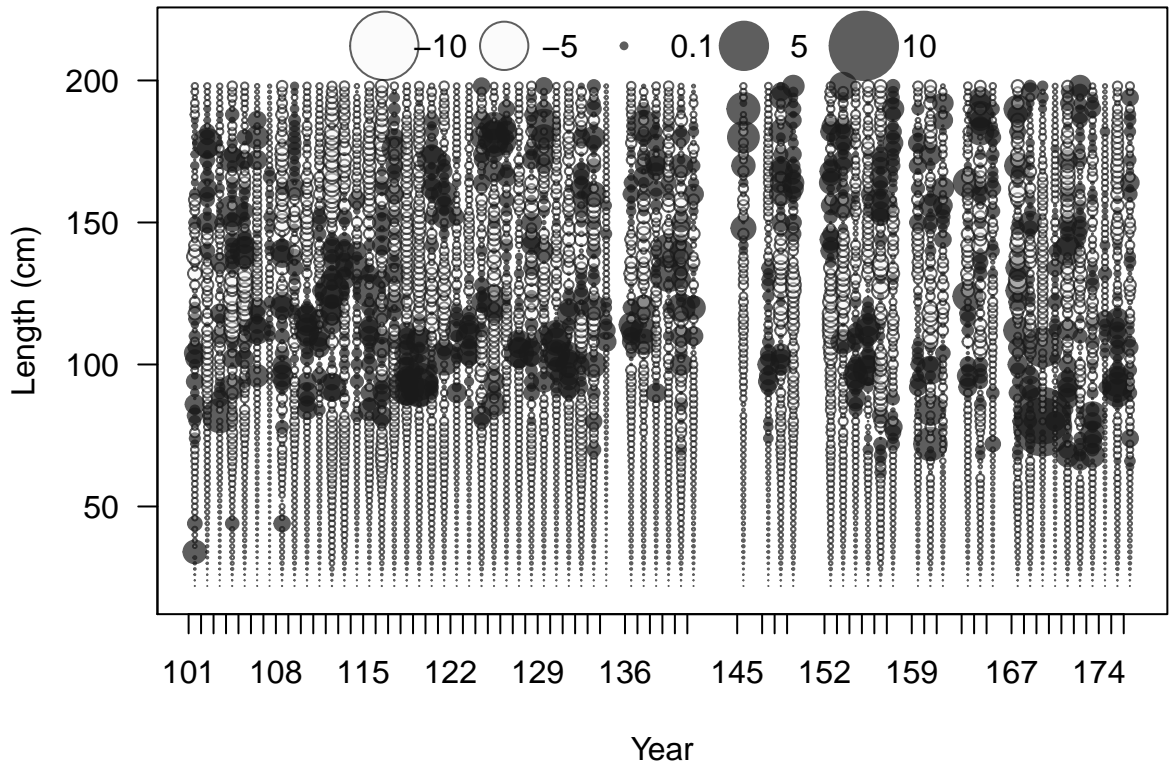


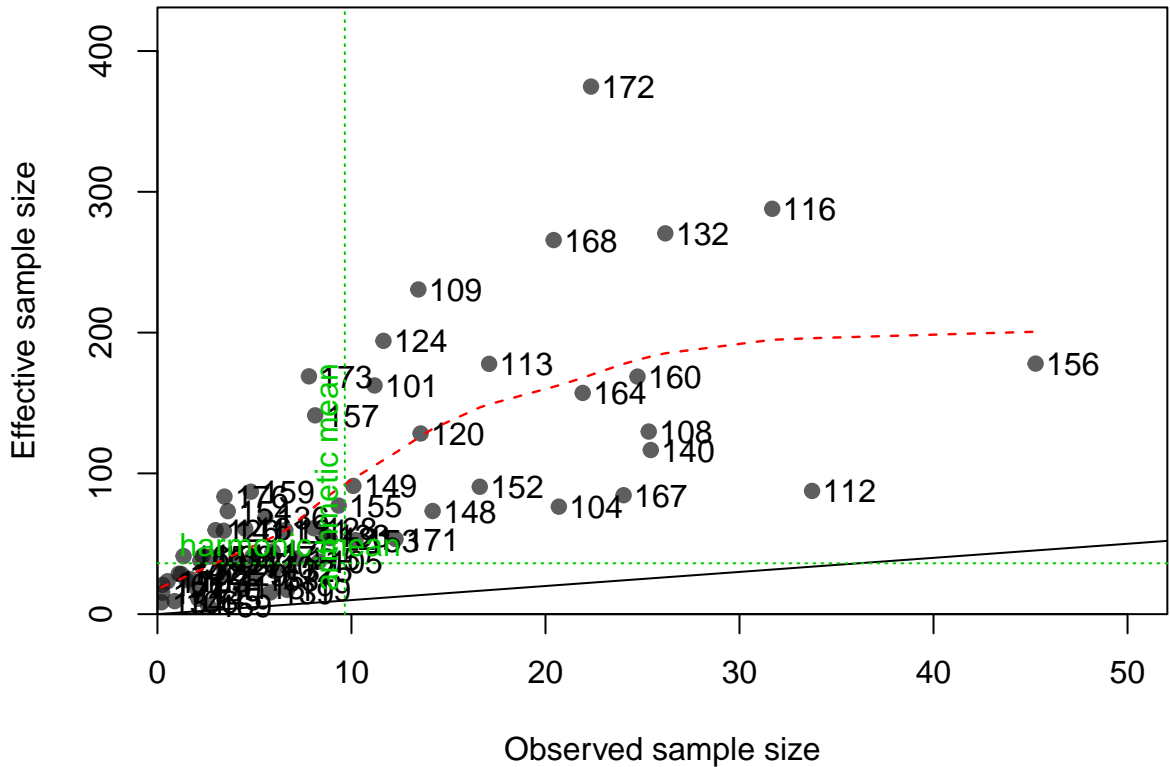
Proportion



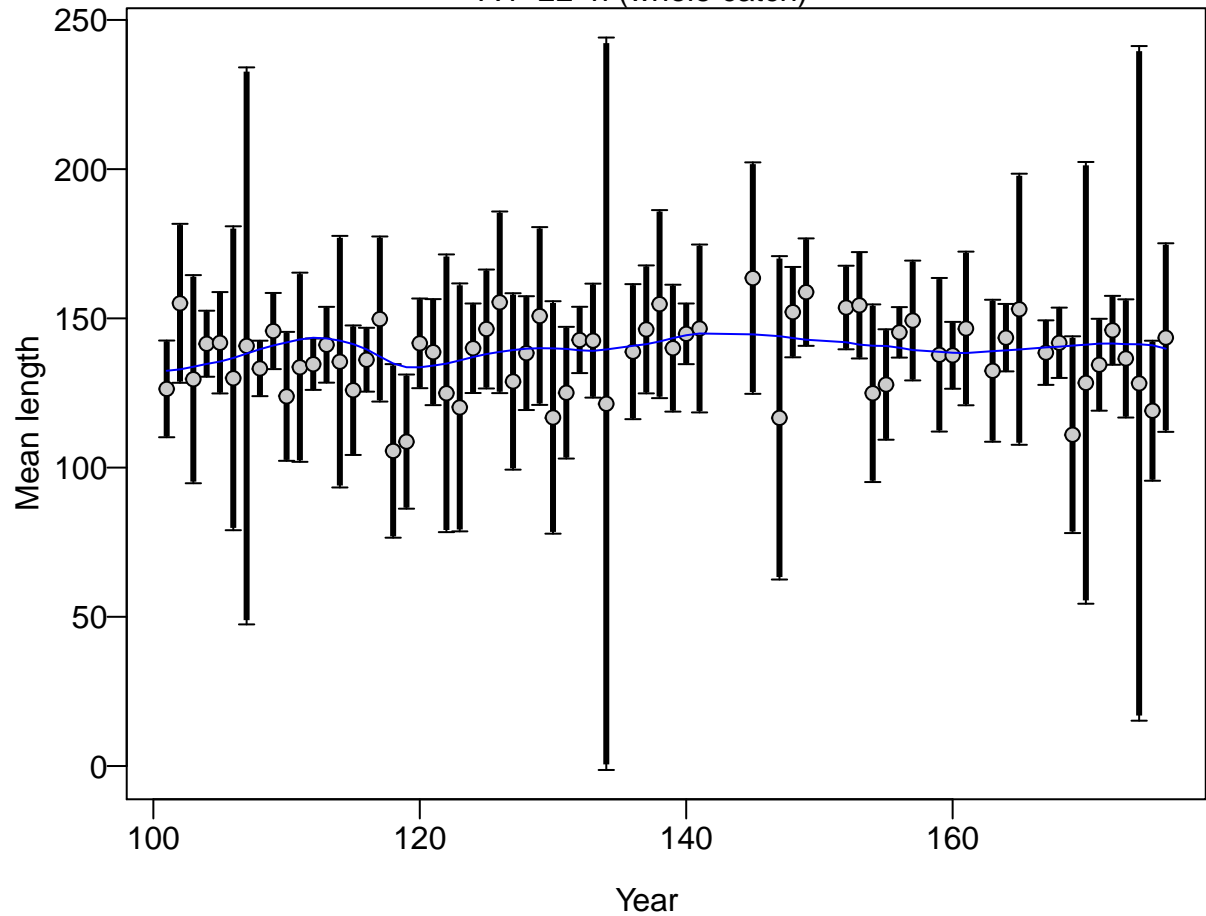
50 100 150 200

Length (cm)

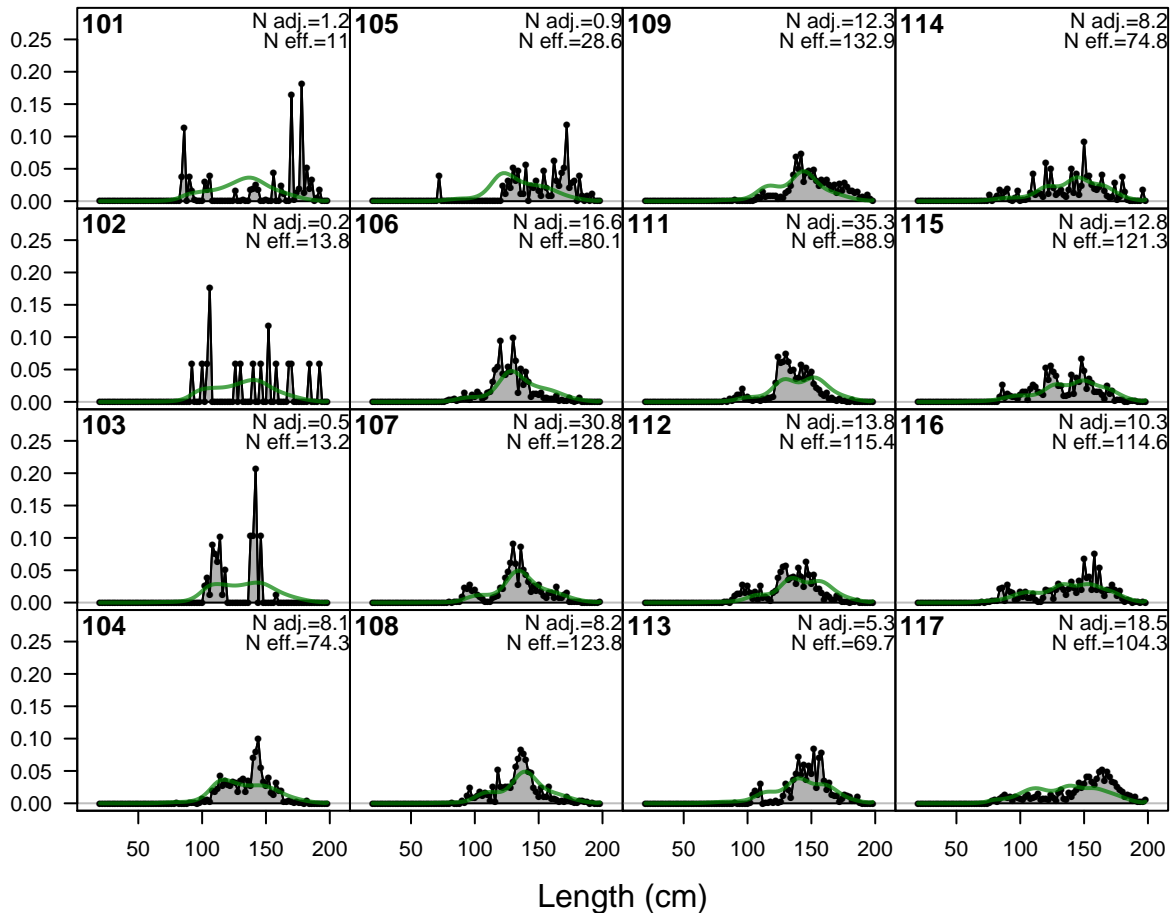




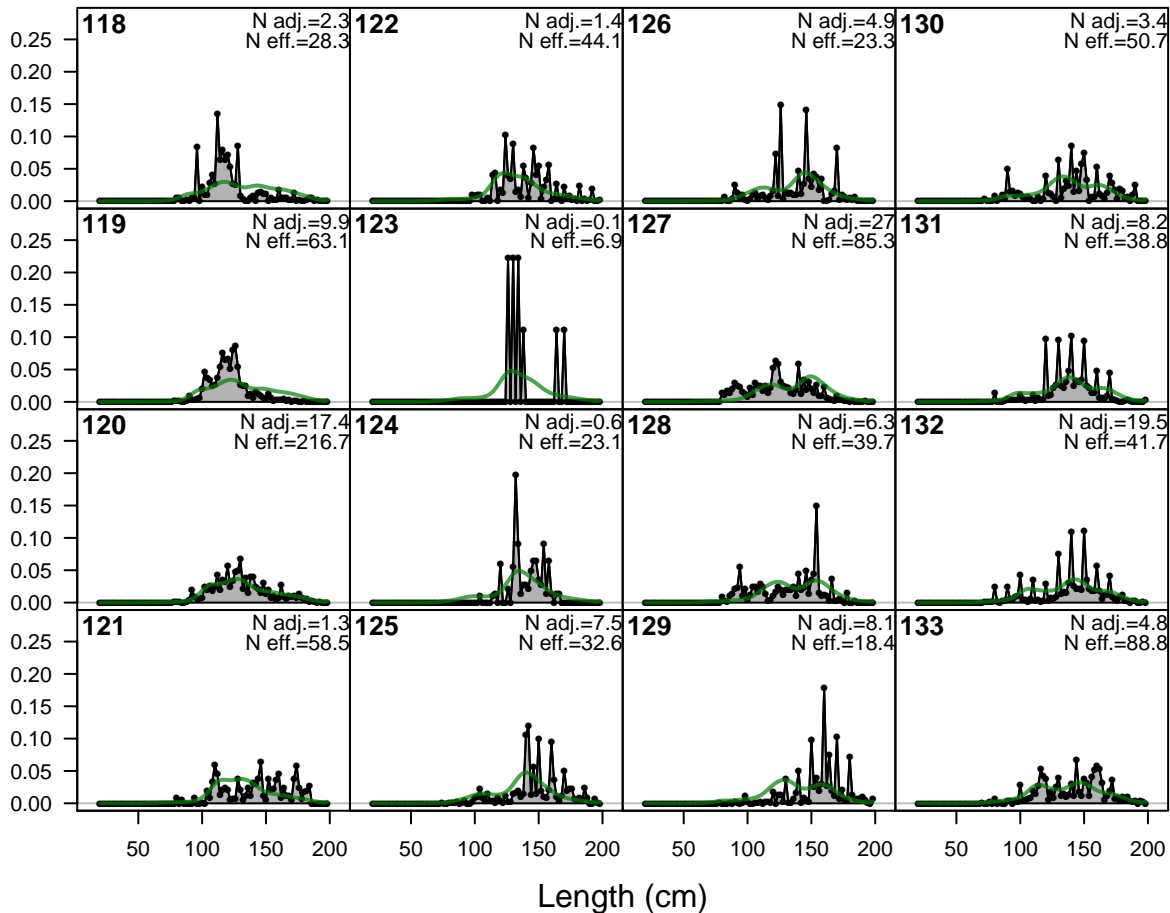
A4-LL-n (whole catch)



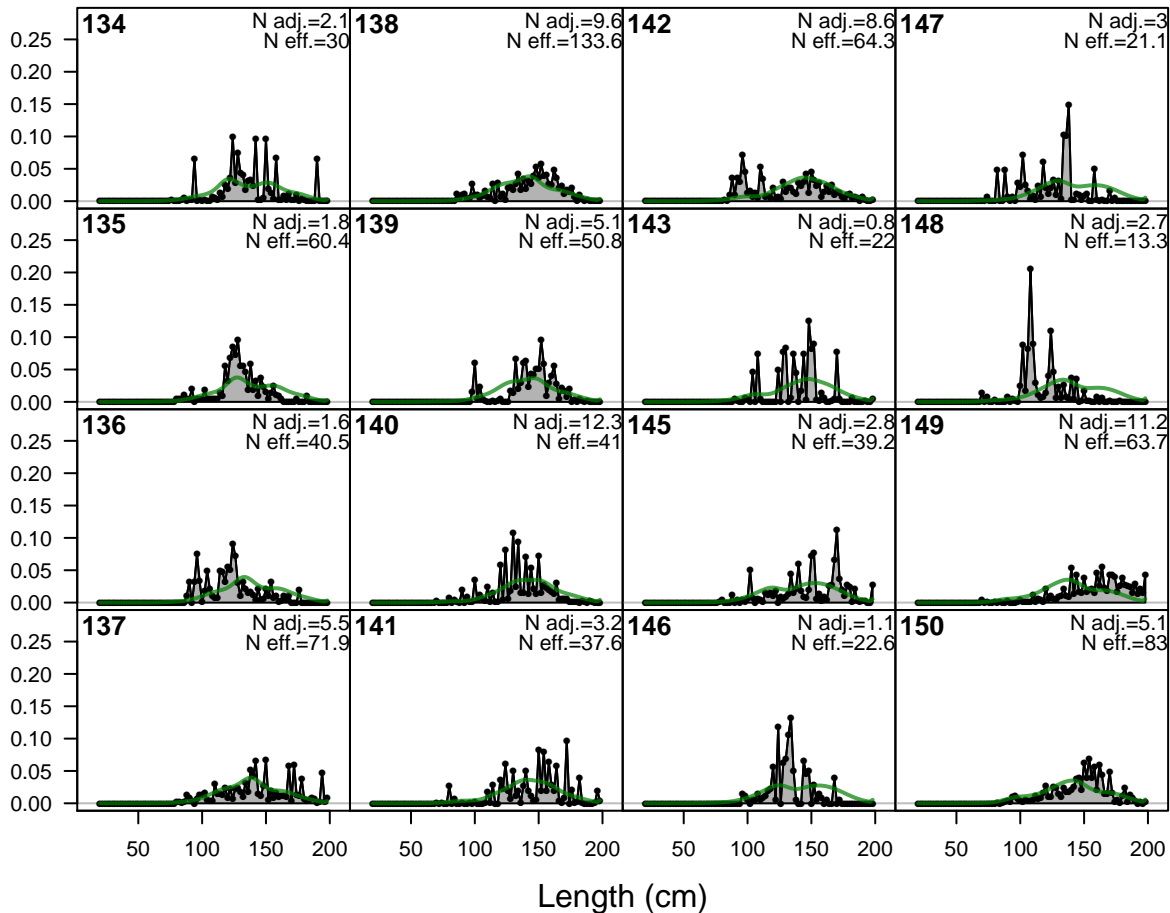
Proportion



Proportion

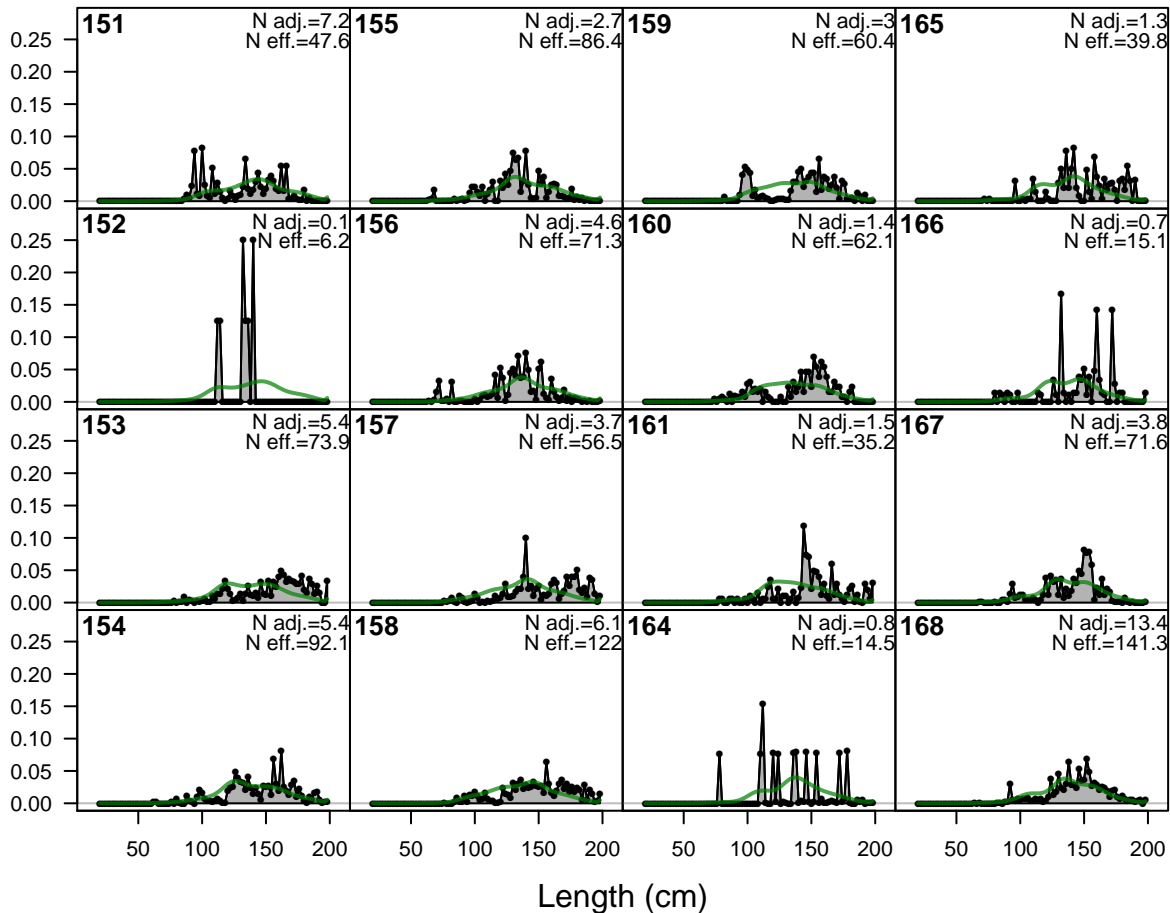


Proportion

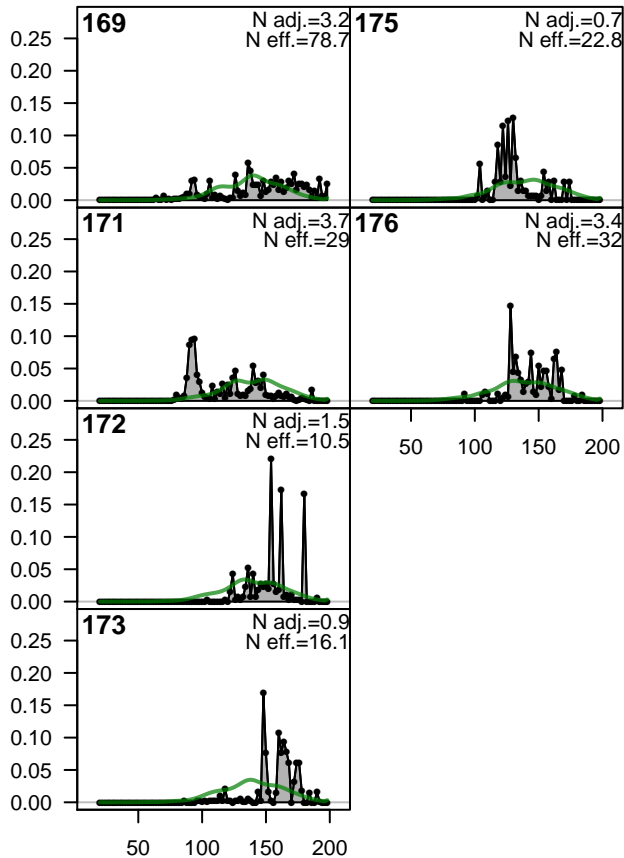




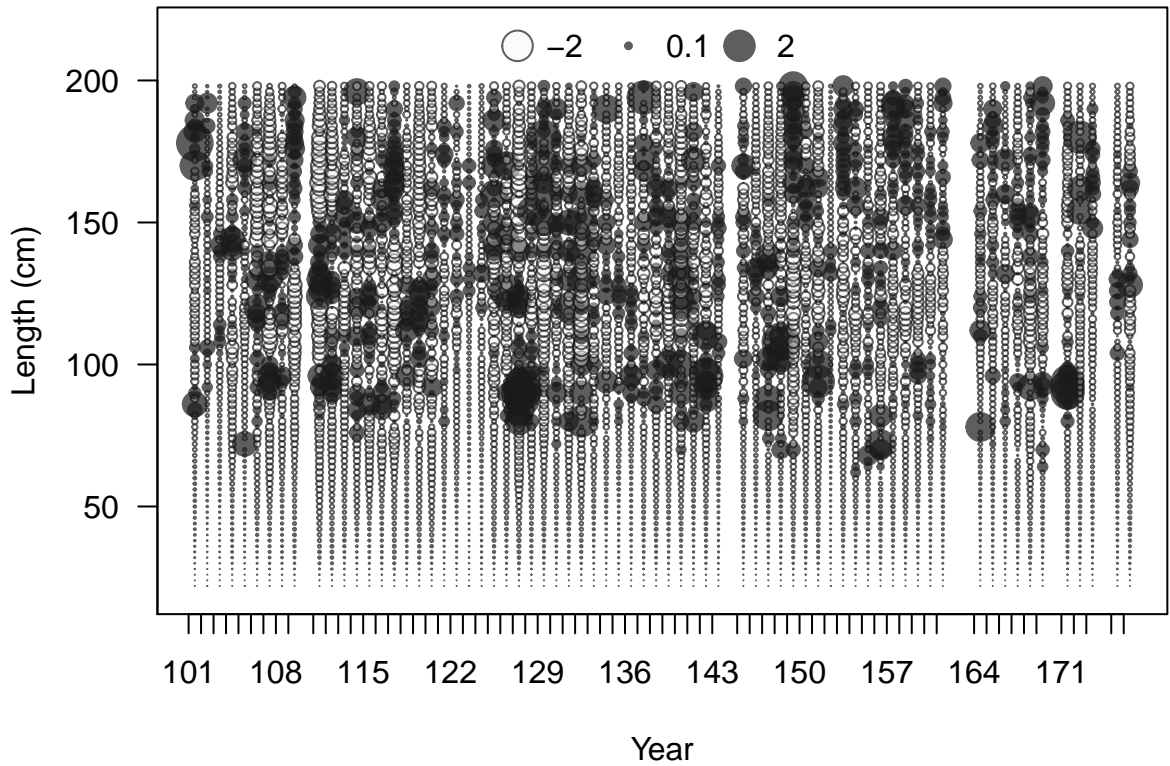
Proportion

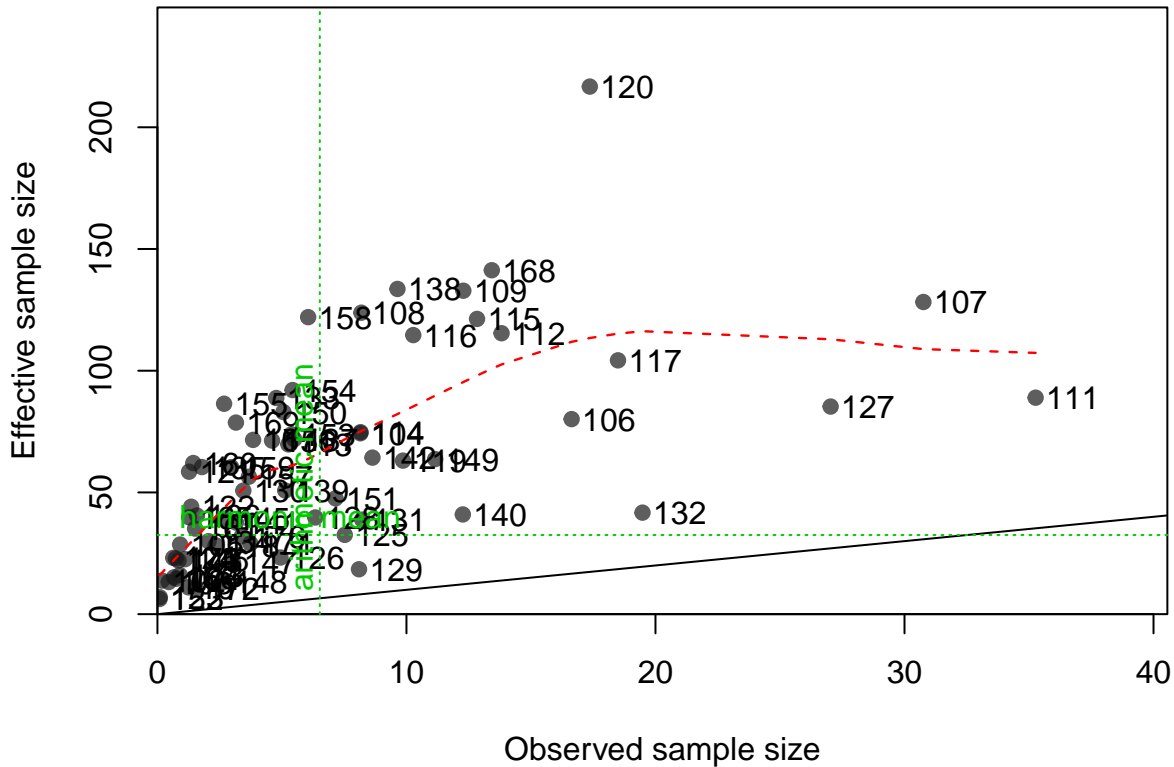


Proportion

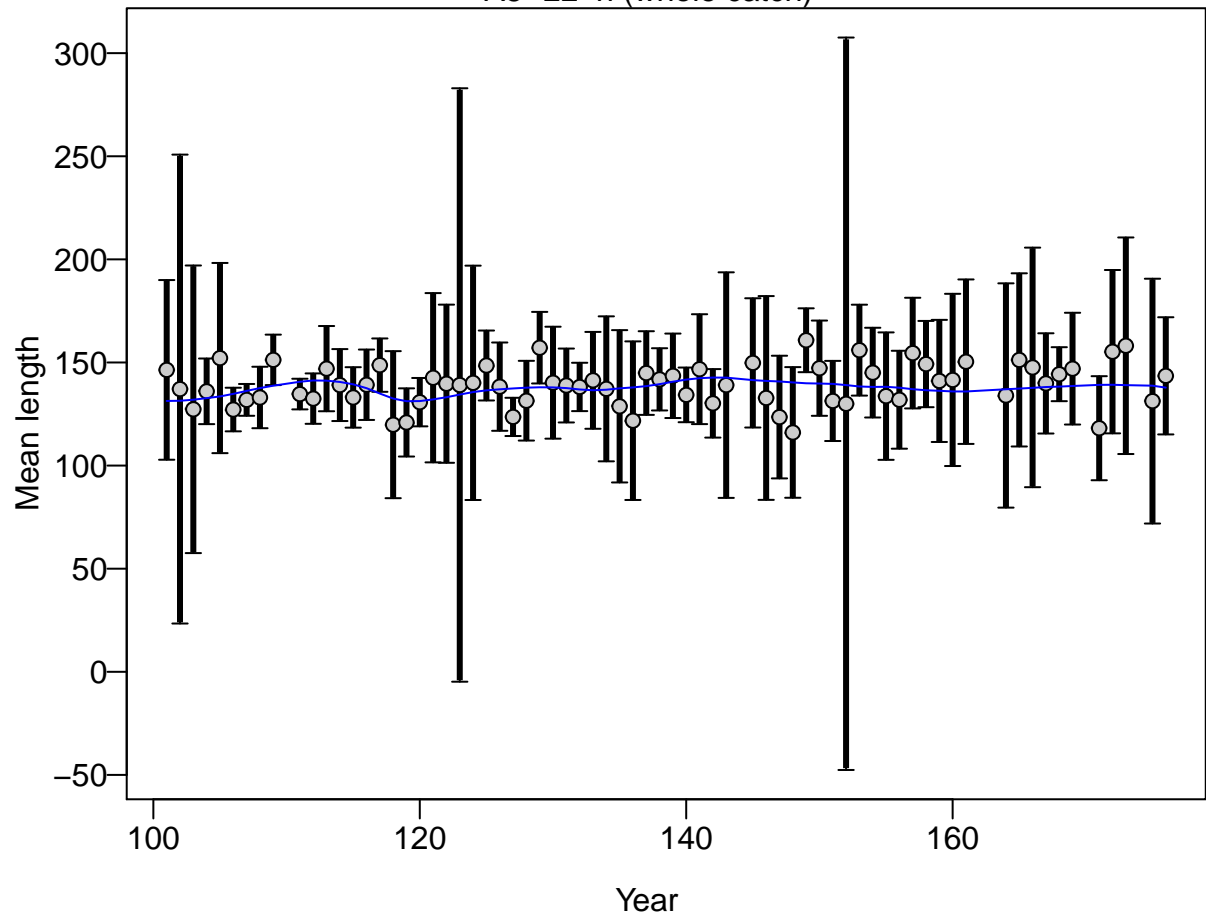


Length (cm)

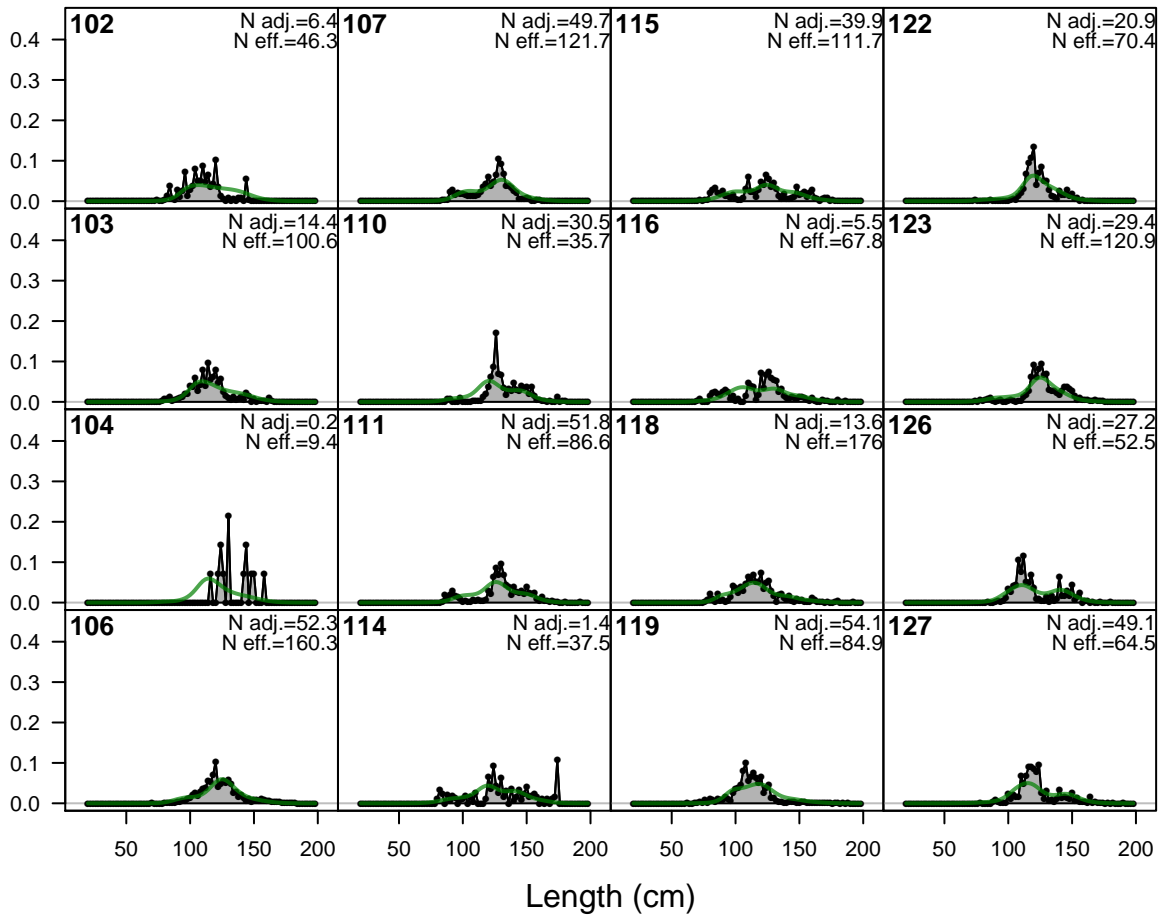




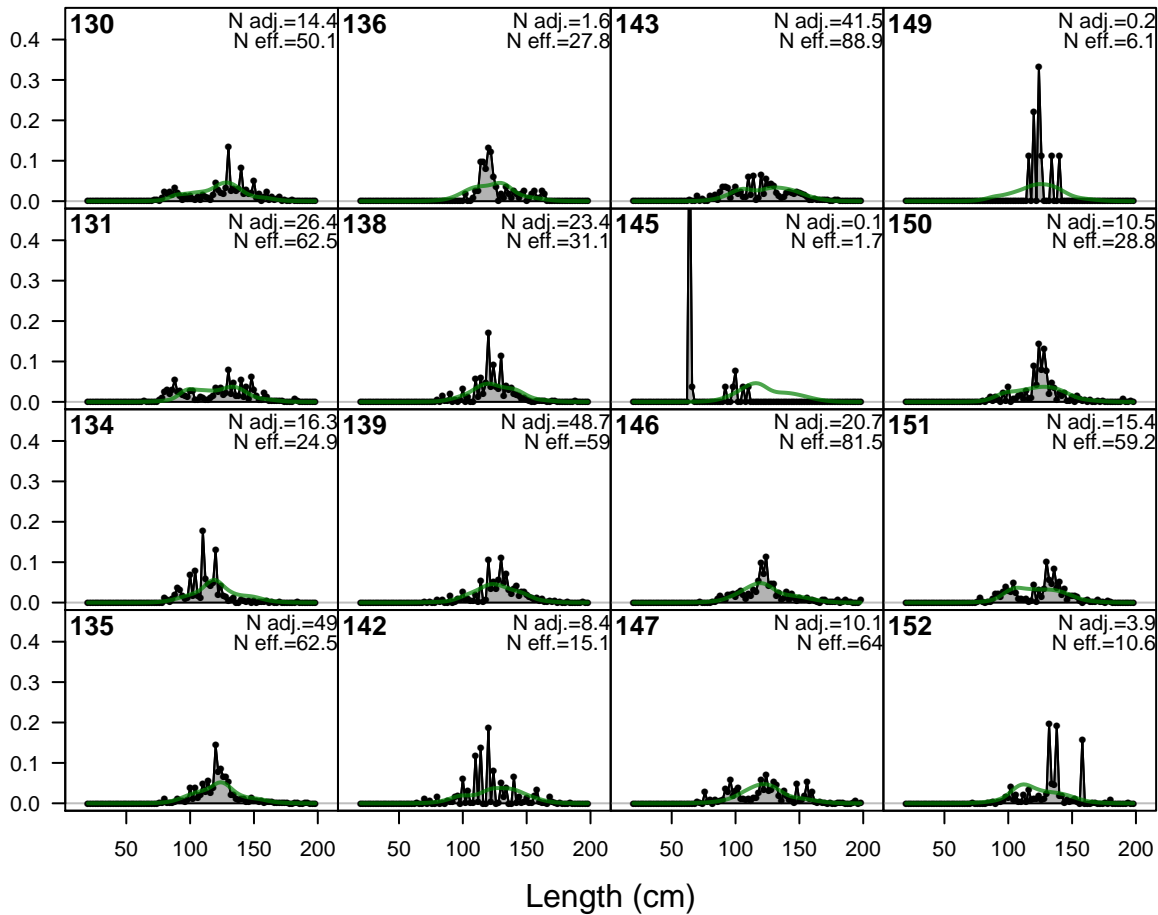
A5-LL-n (whole catch)



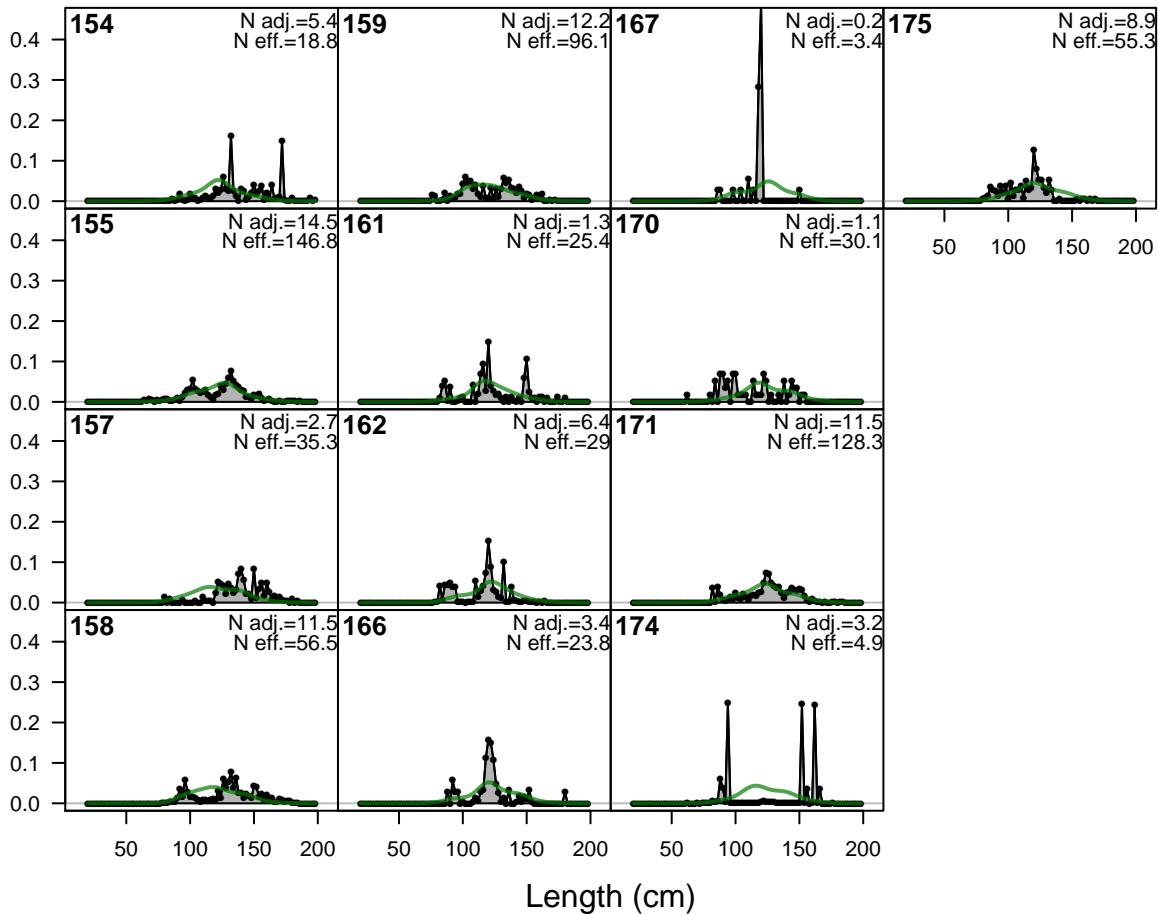
Proportion



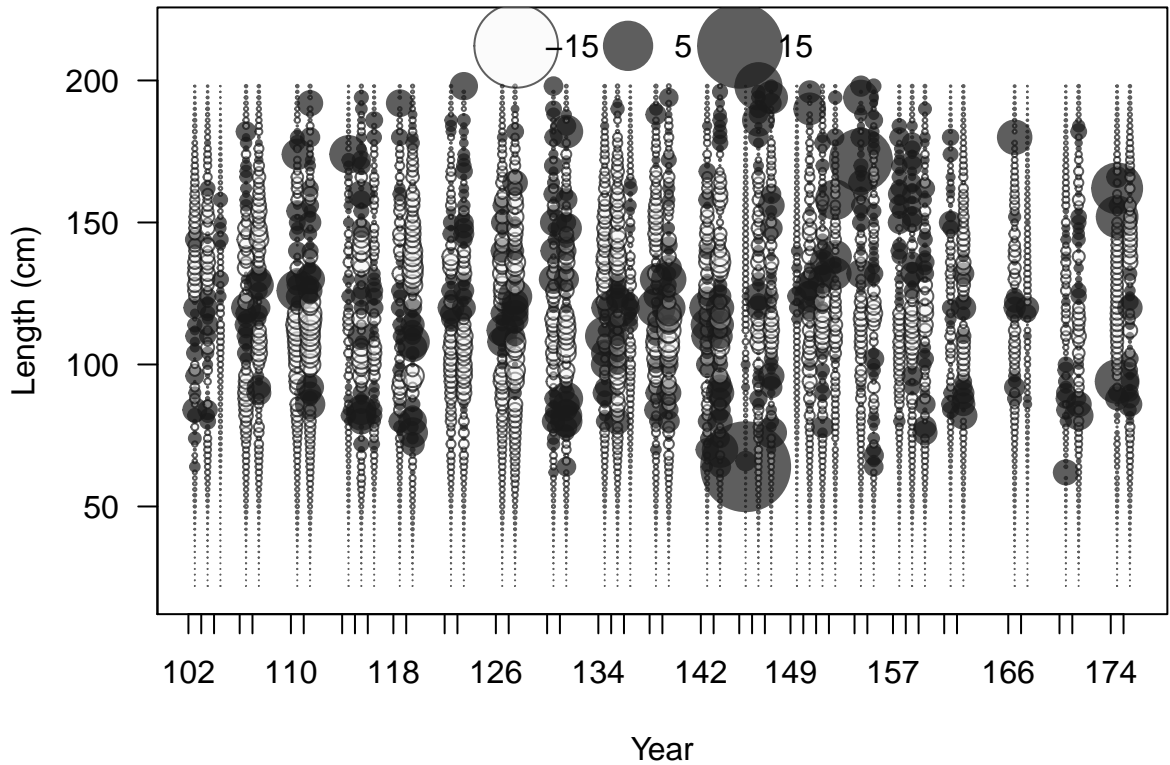
Proportion

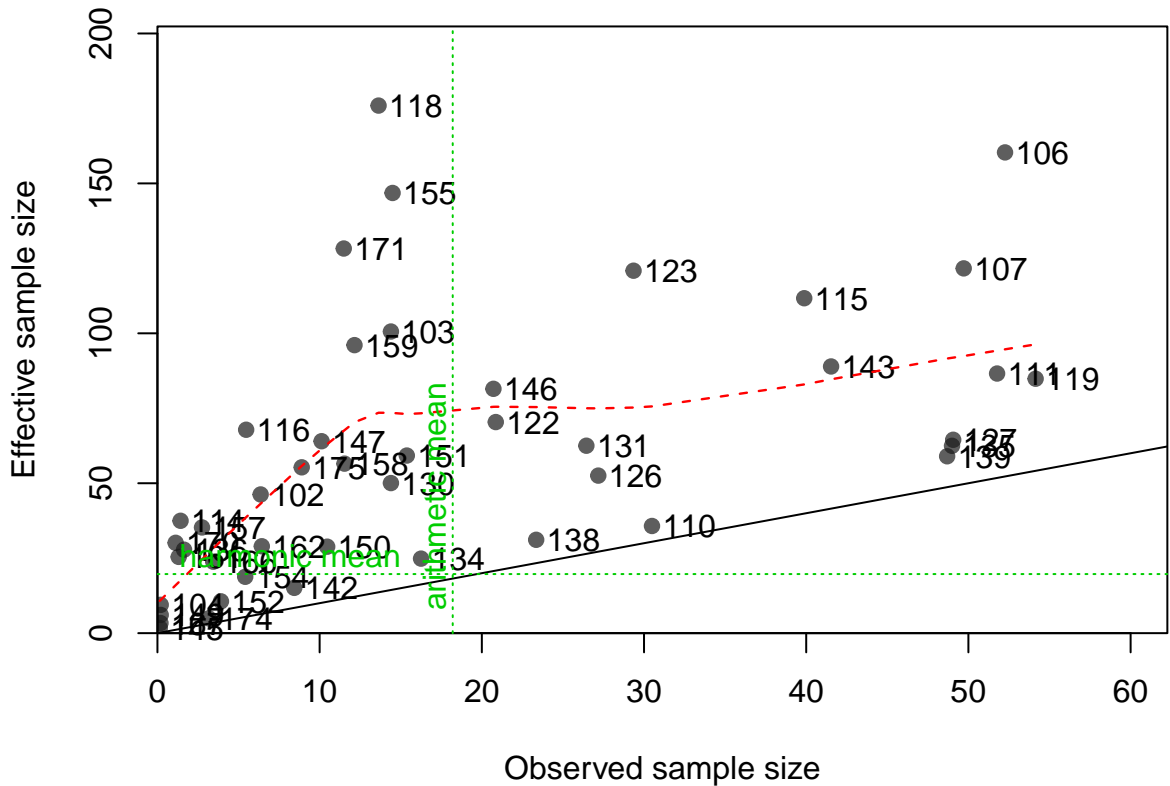


Proportion

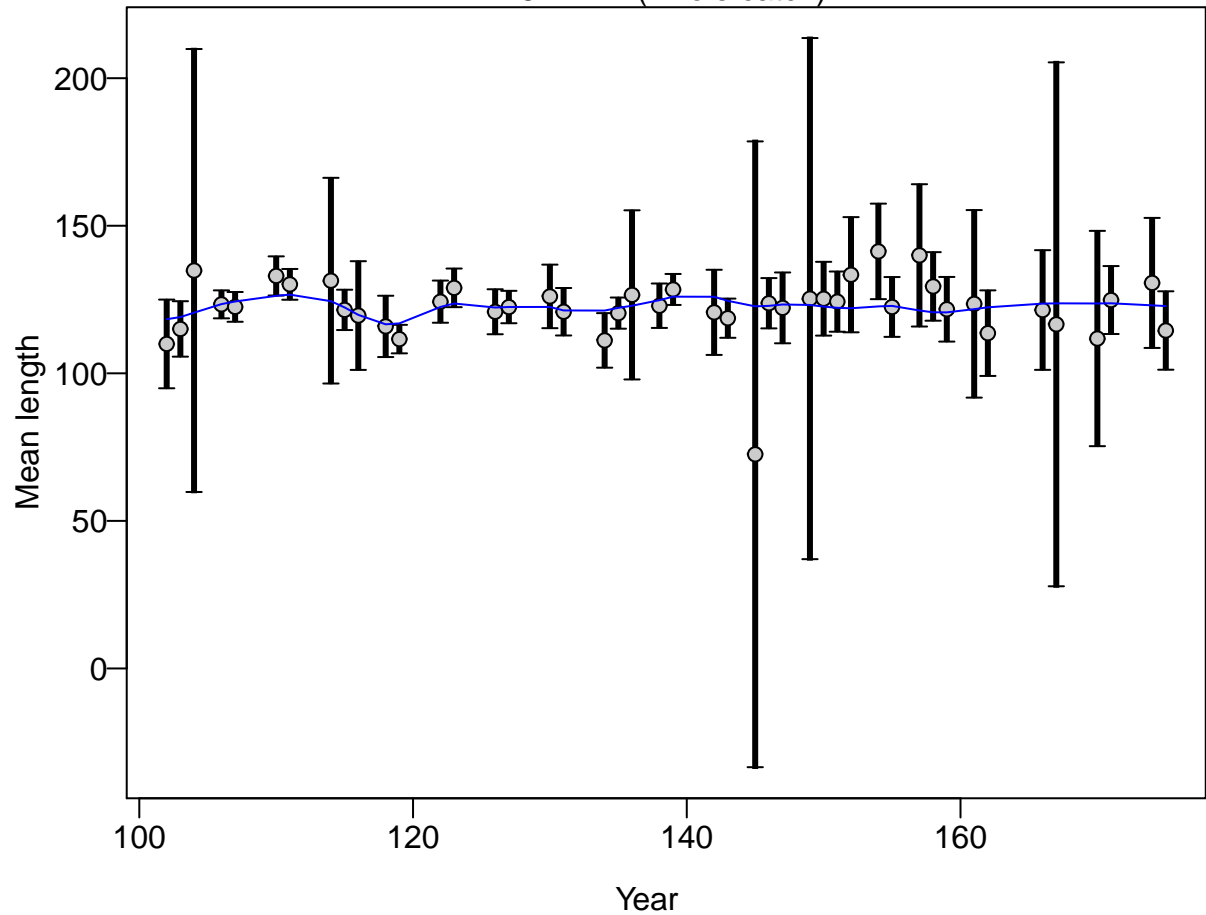




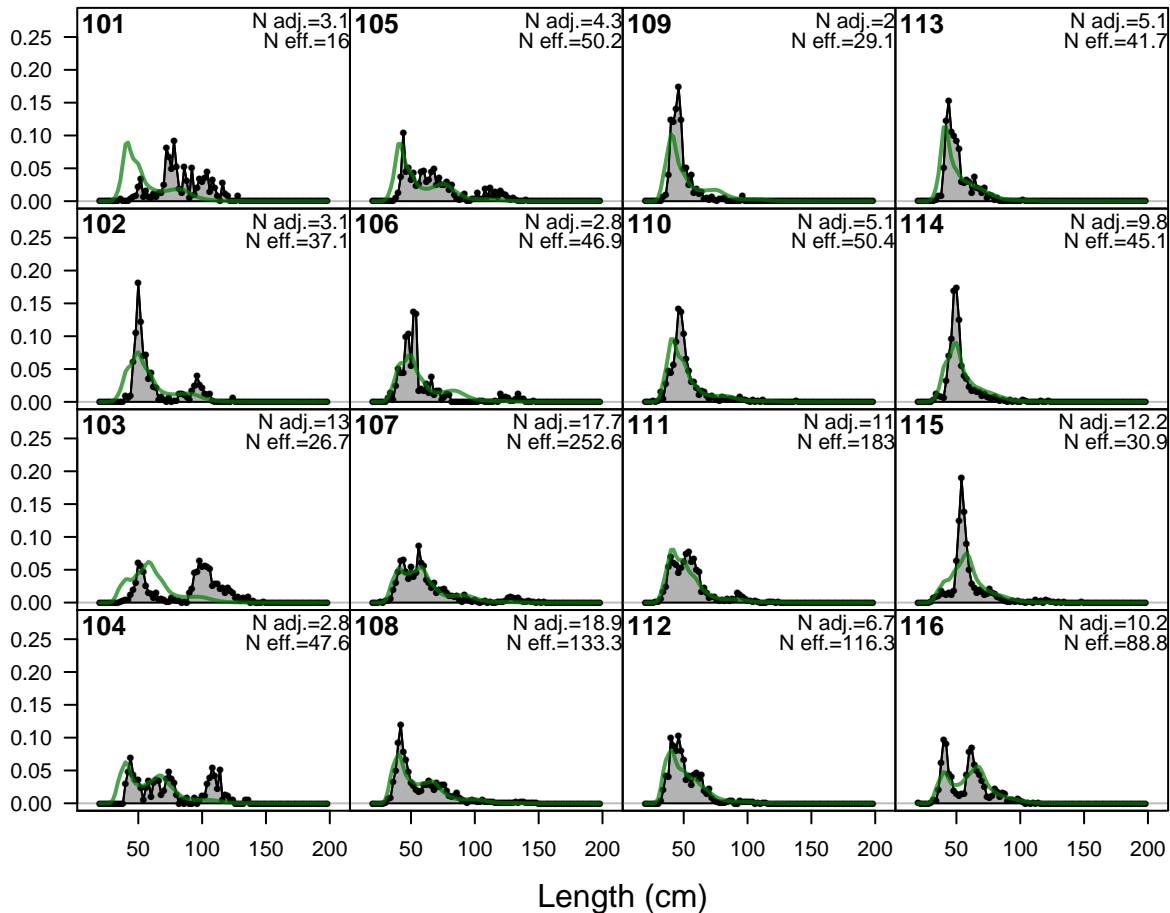




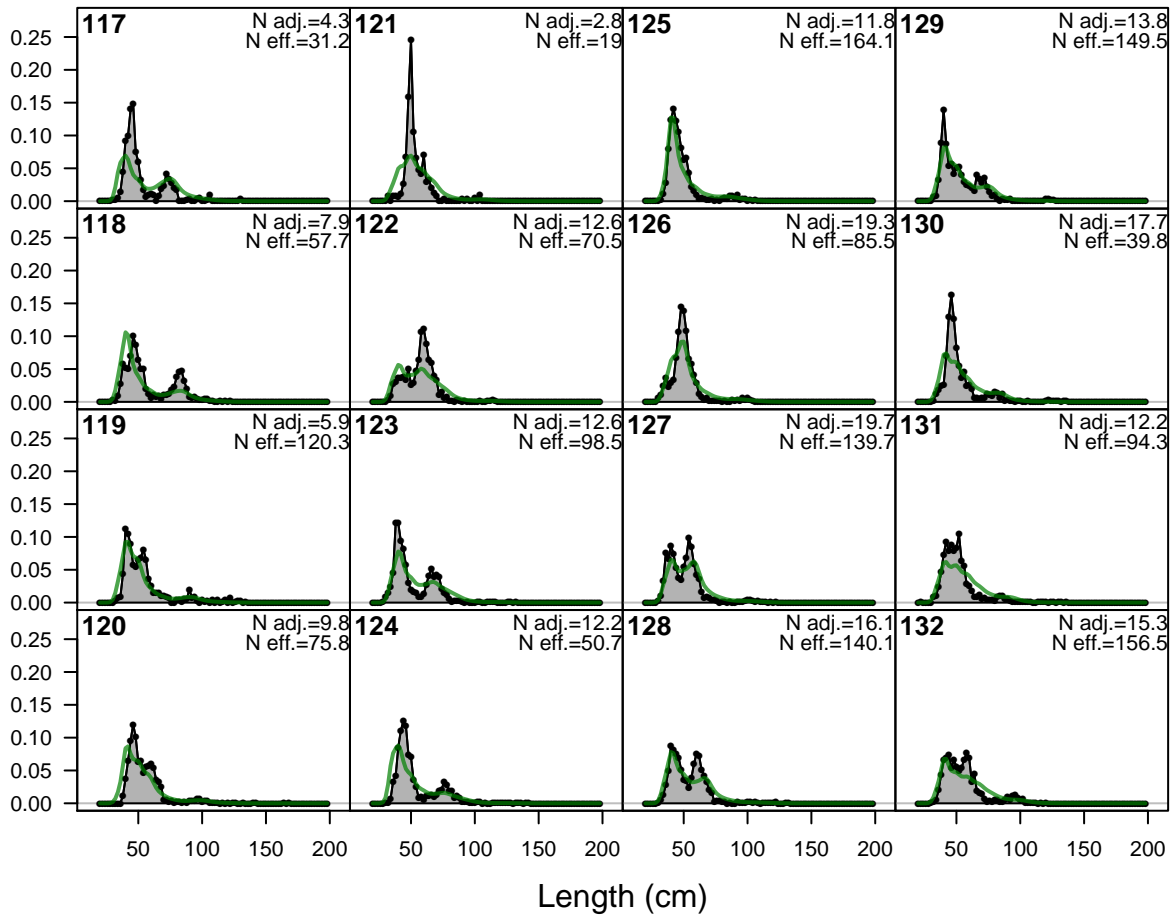
A6-LL-n (whole catch)



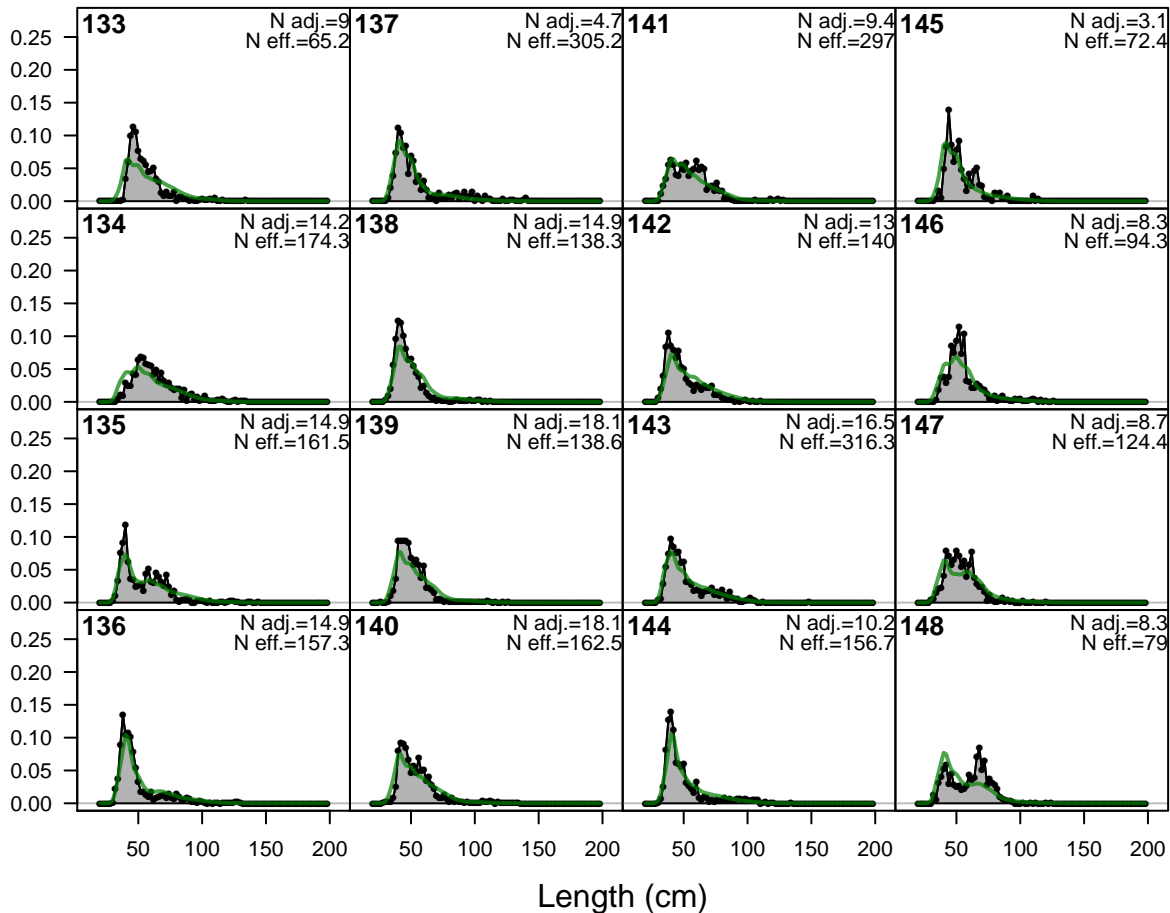
Proportion



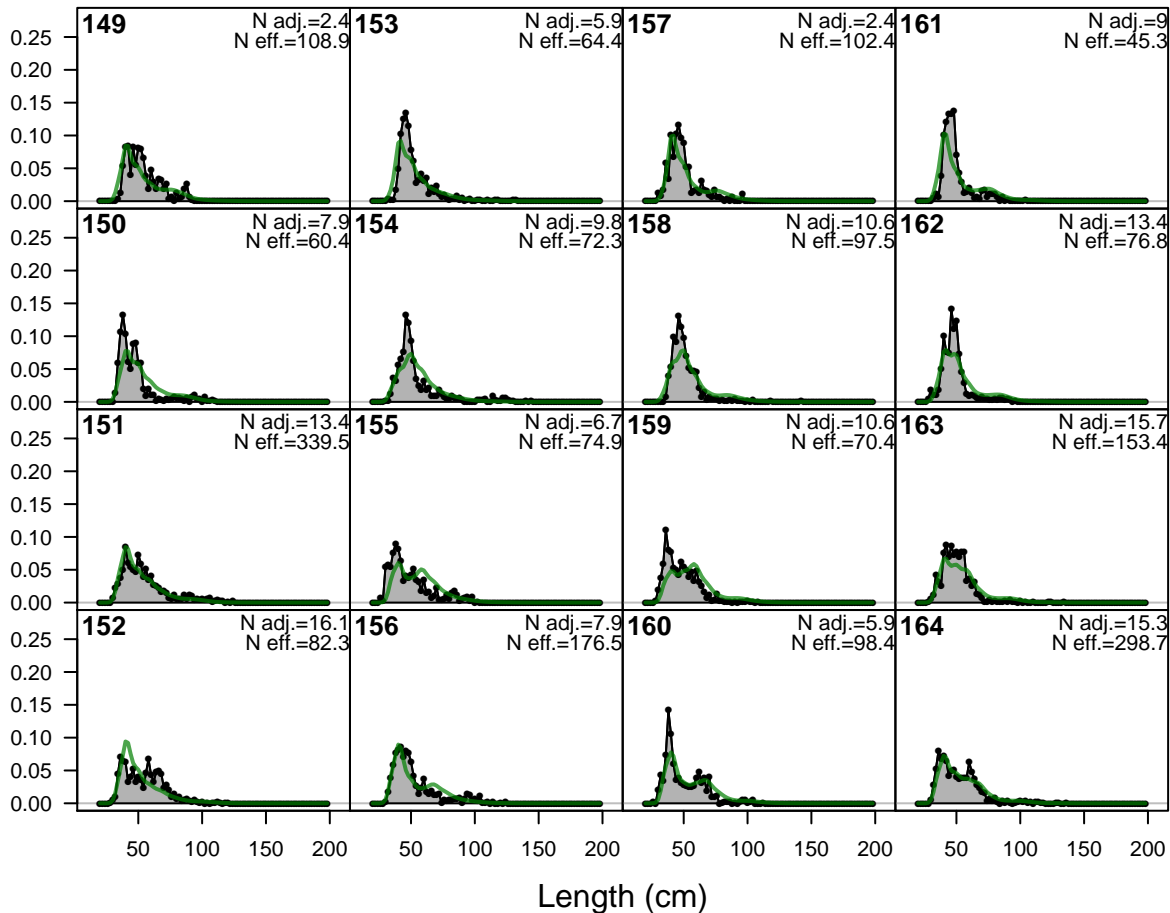
Proportion



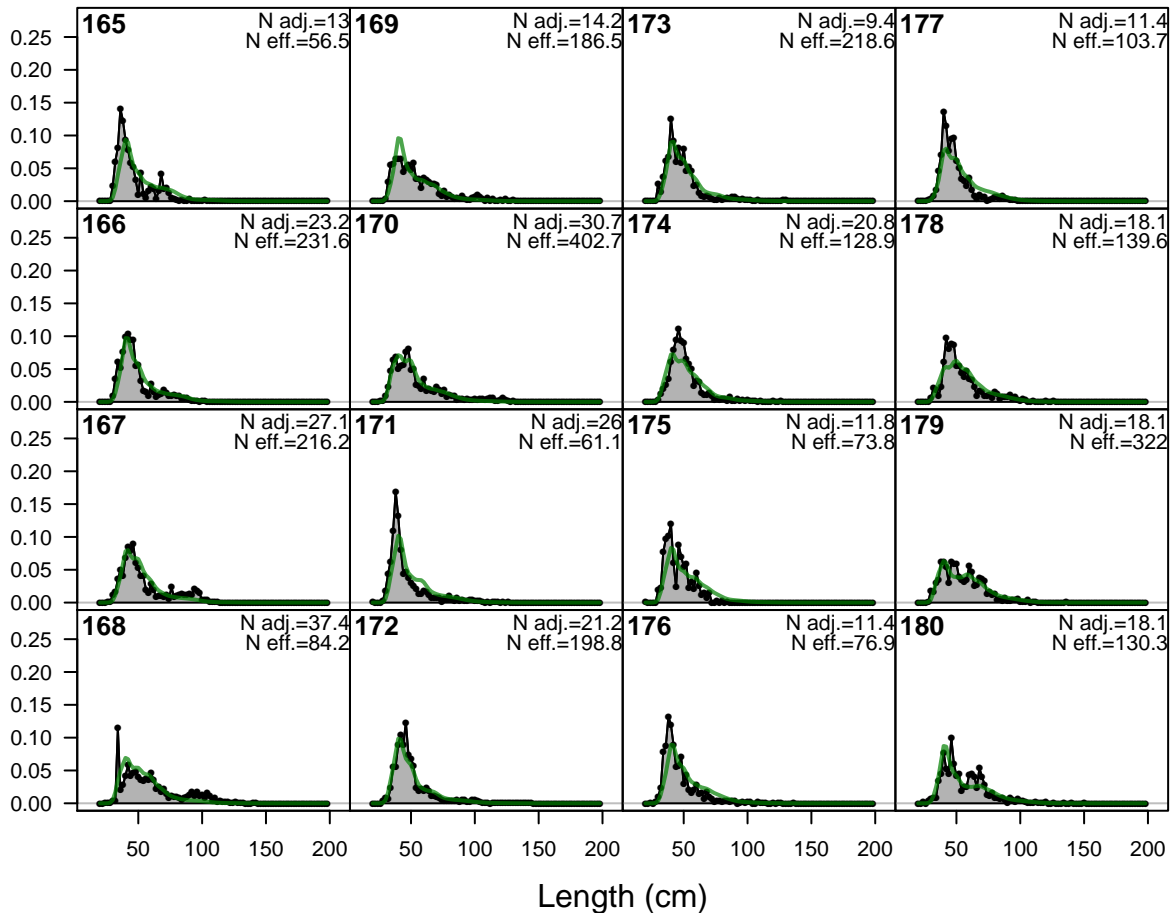
Proportion



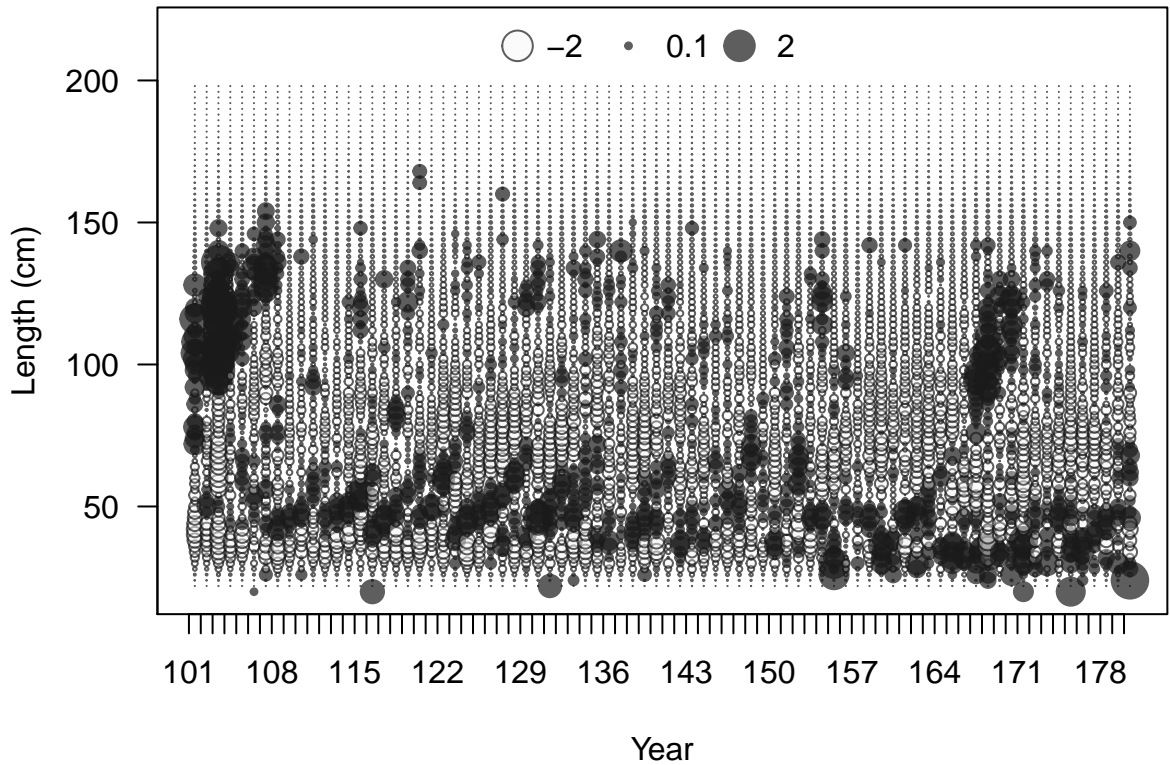
Proportion

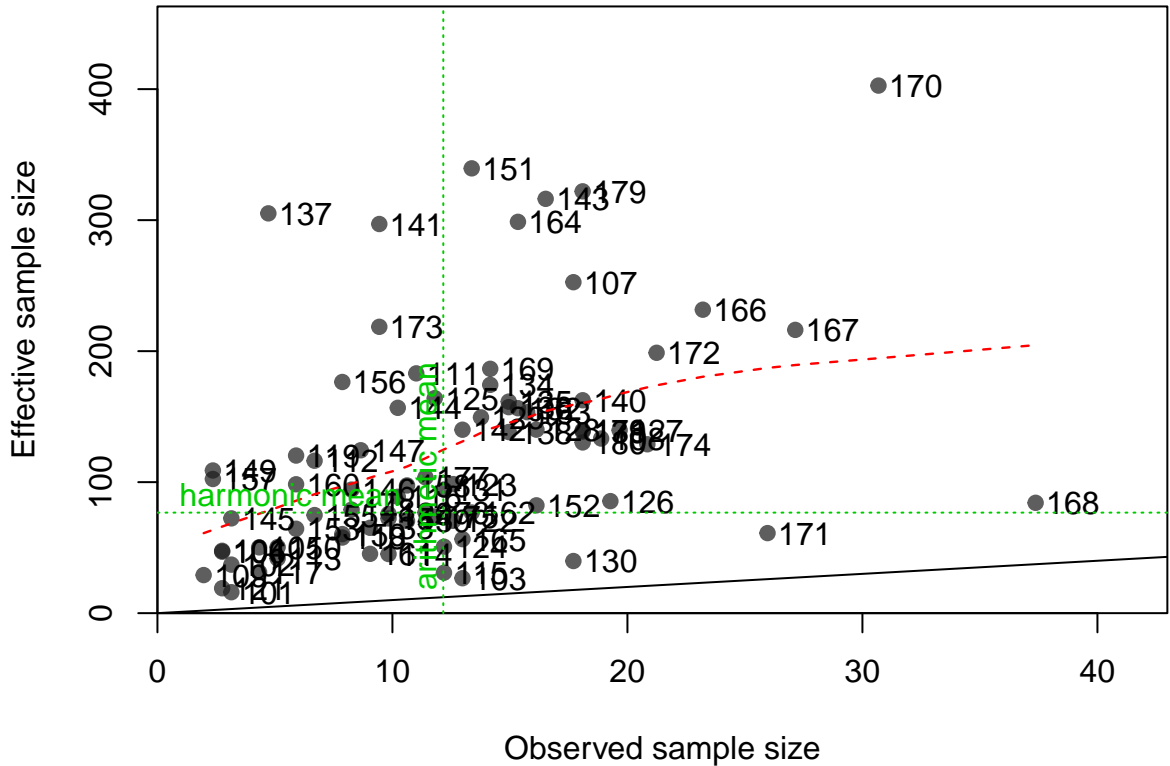


Proportion

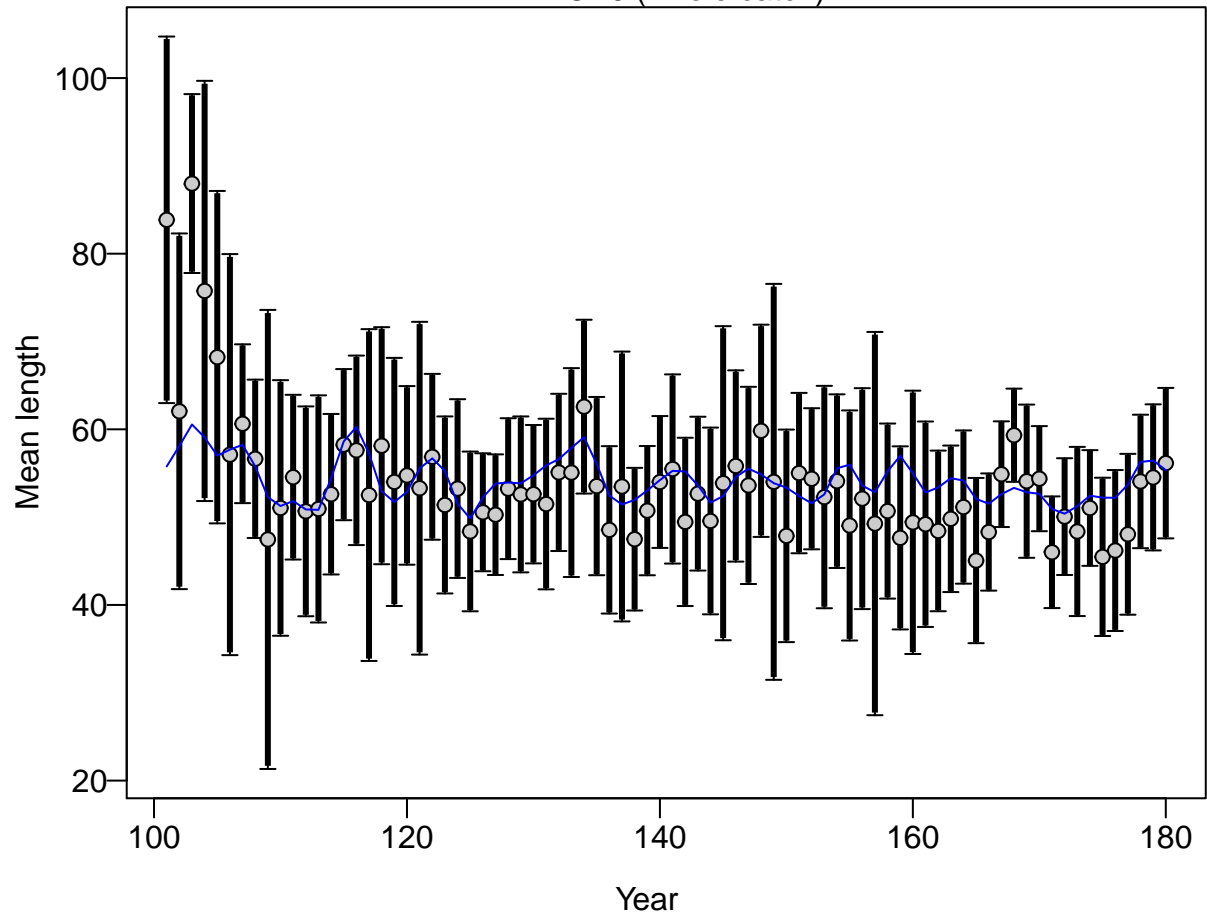




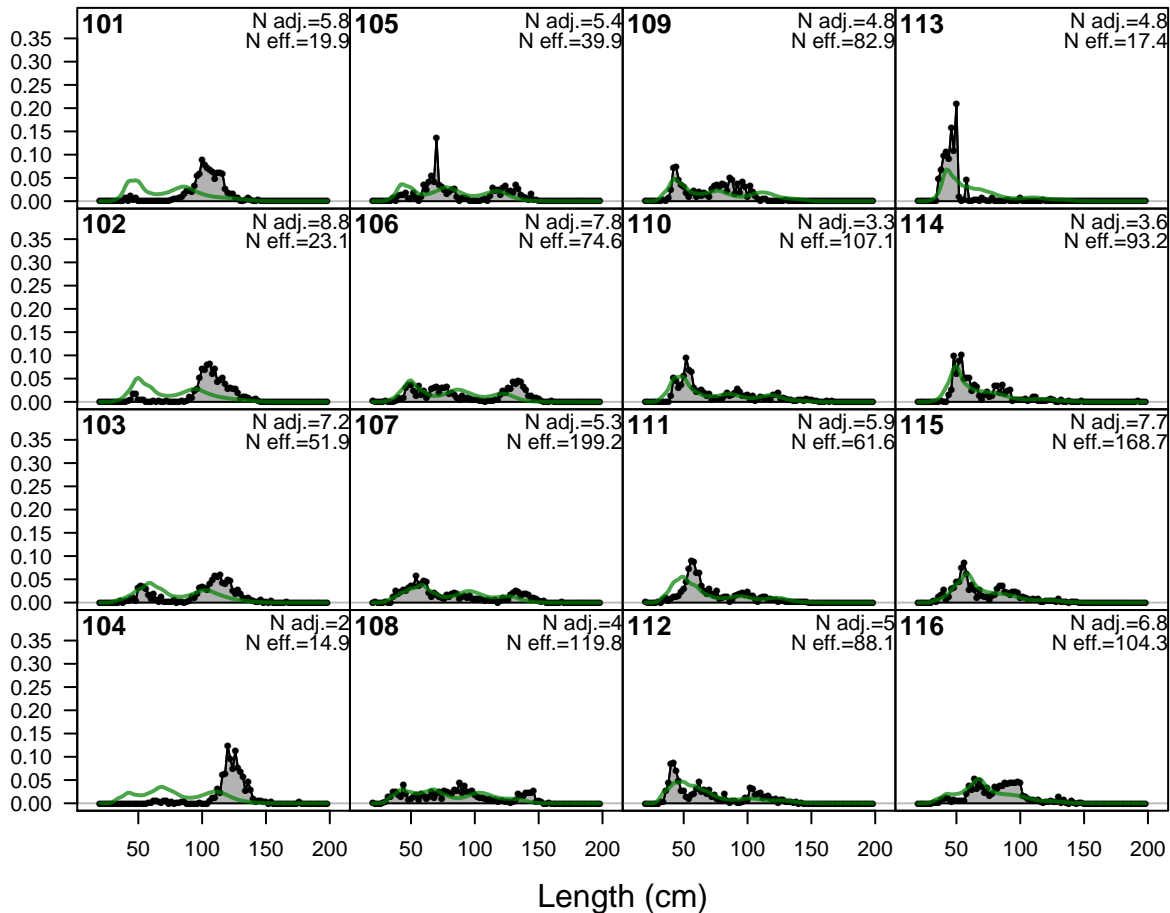




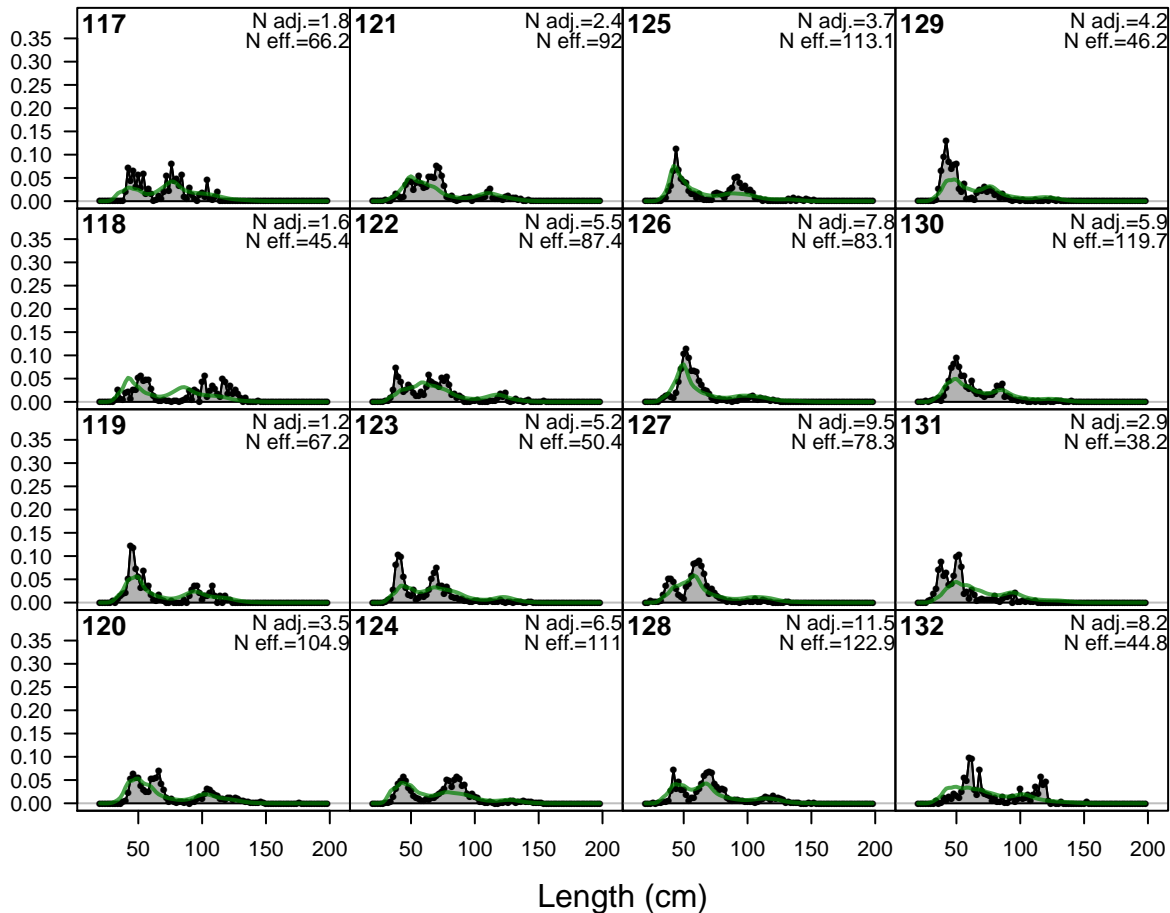
## A2-OBJ (whole catch)



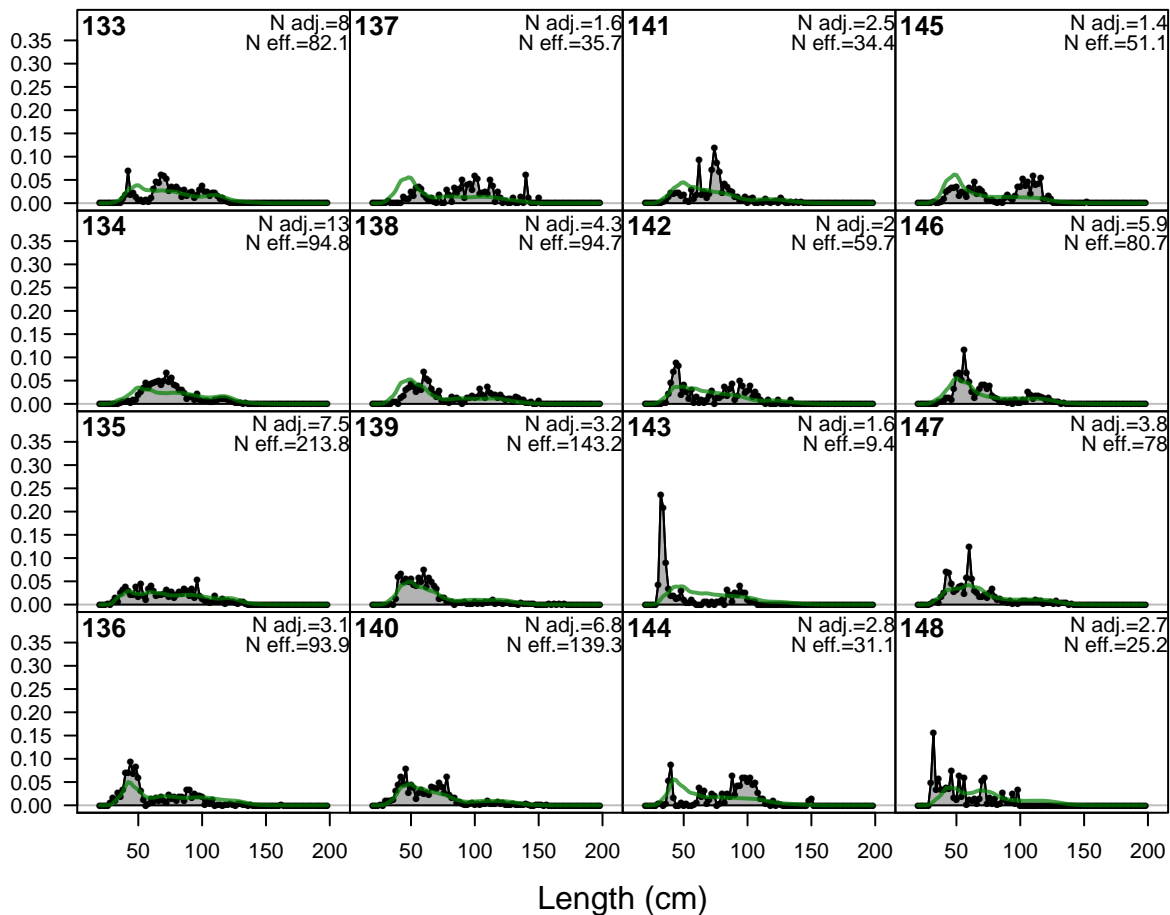
Proportion



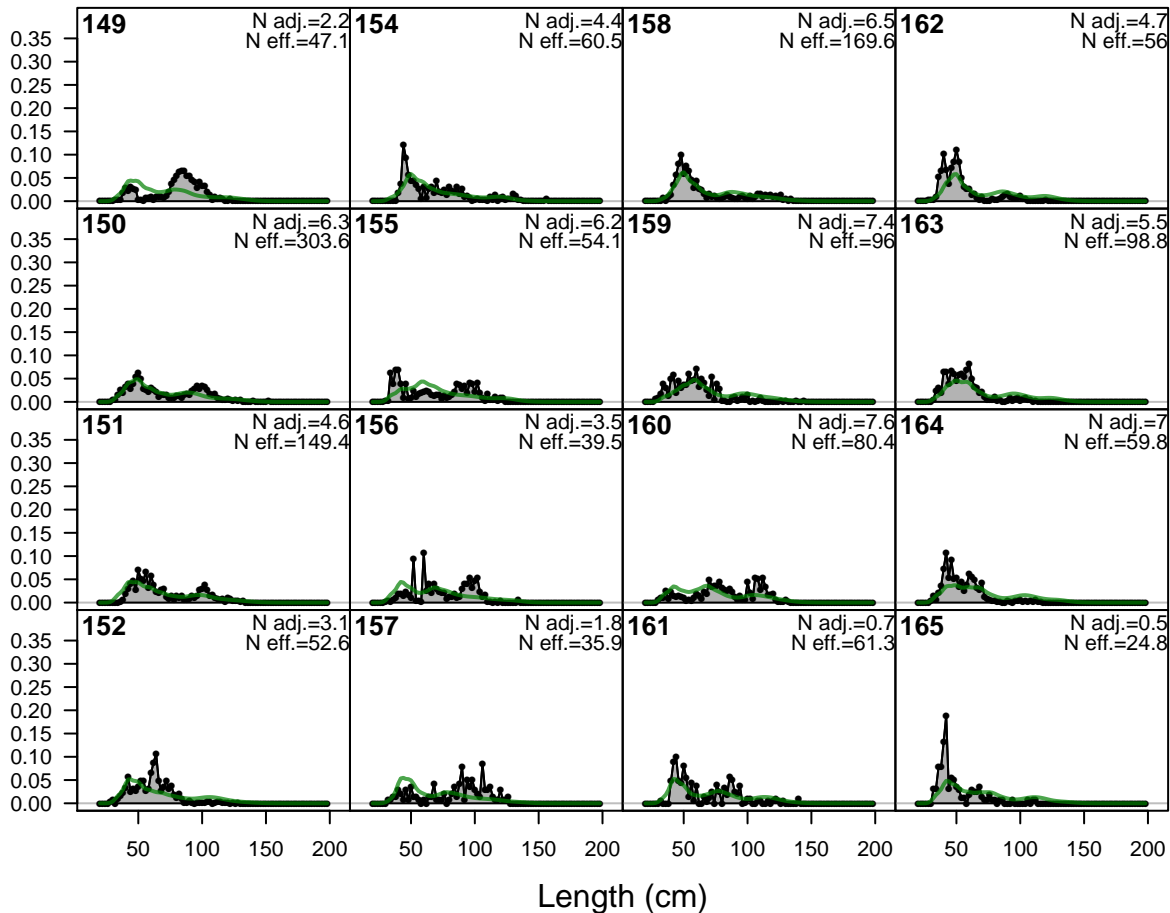
Proportion



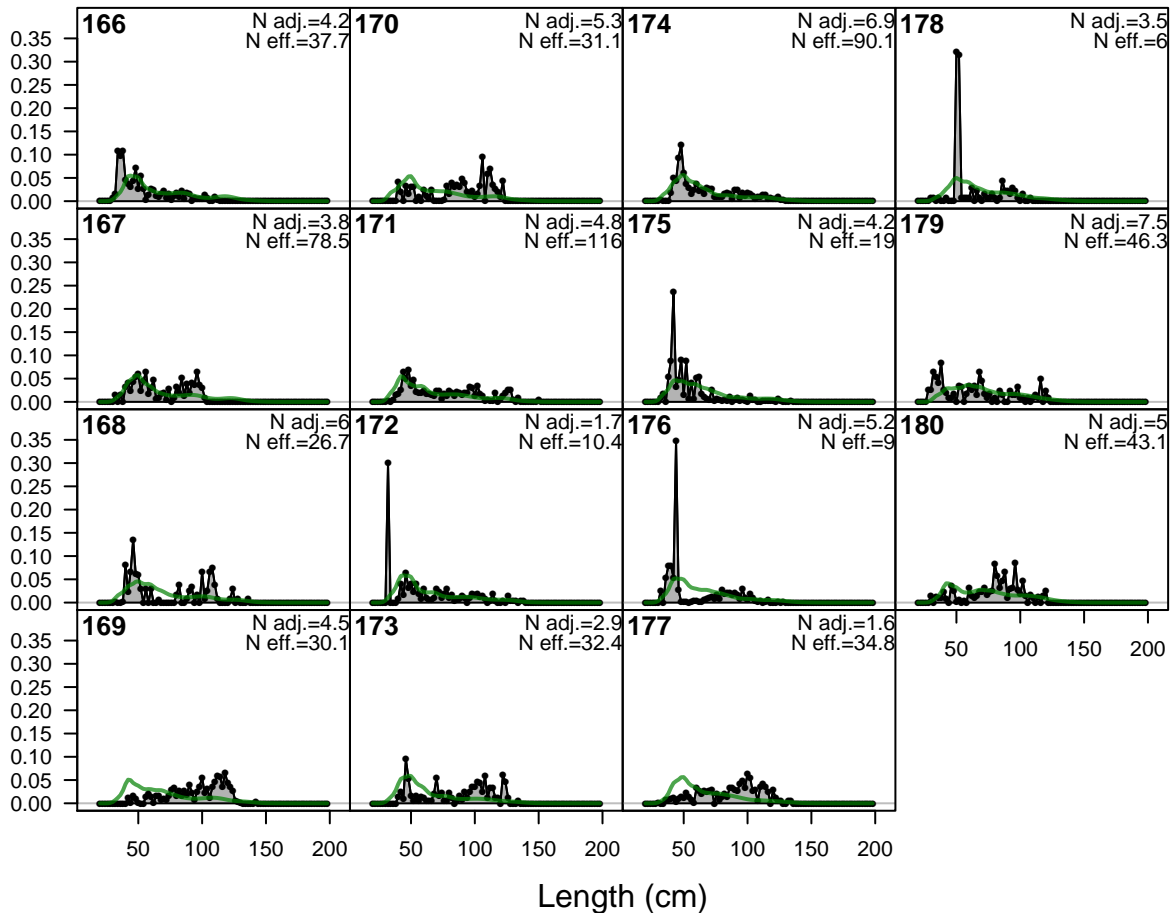
Proportion



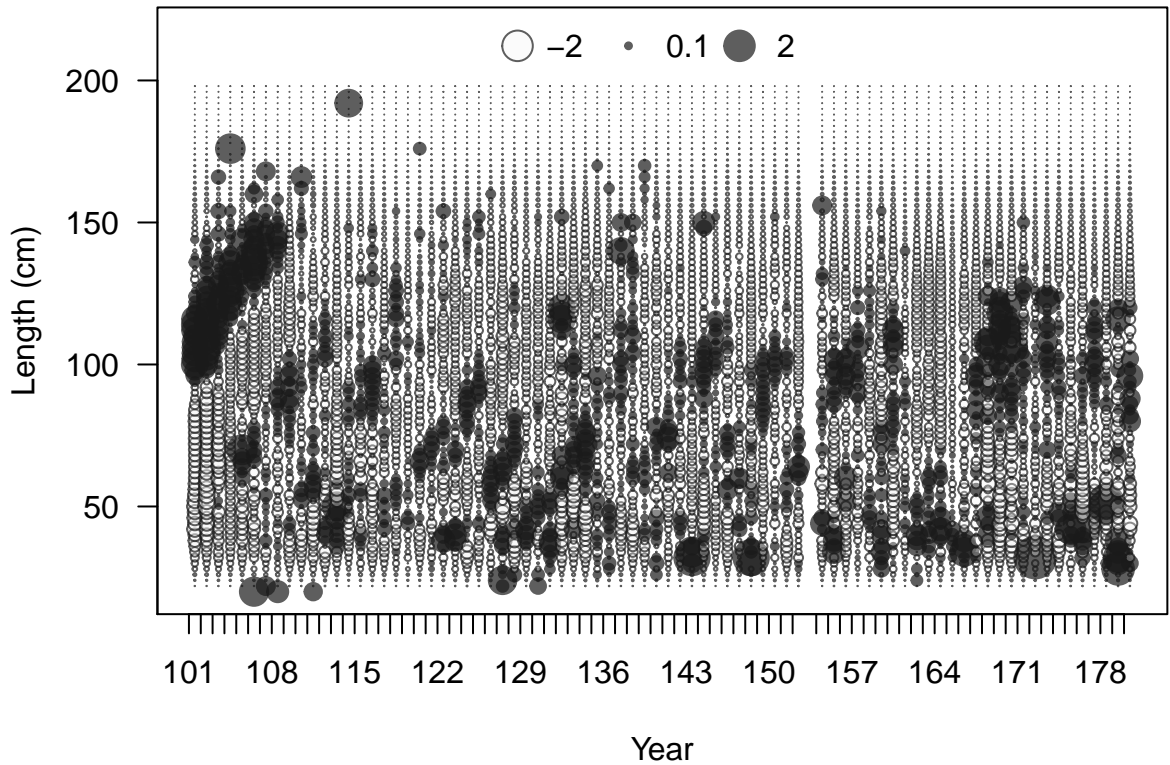
Proportion

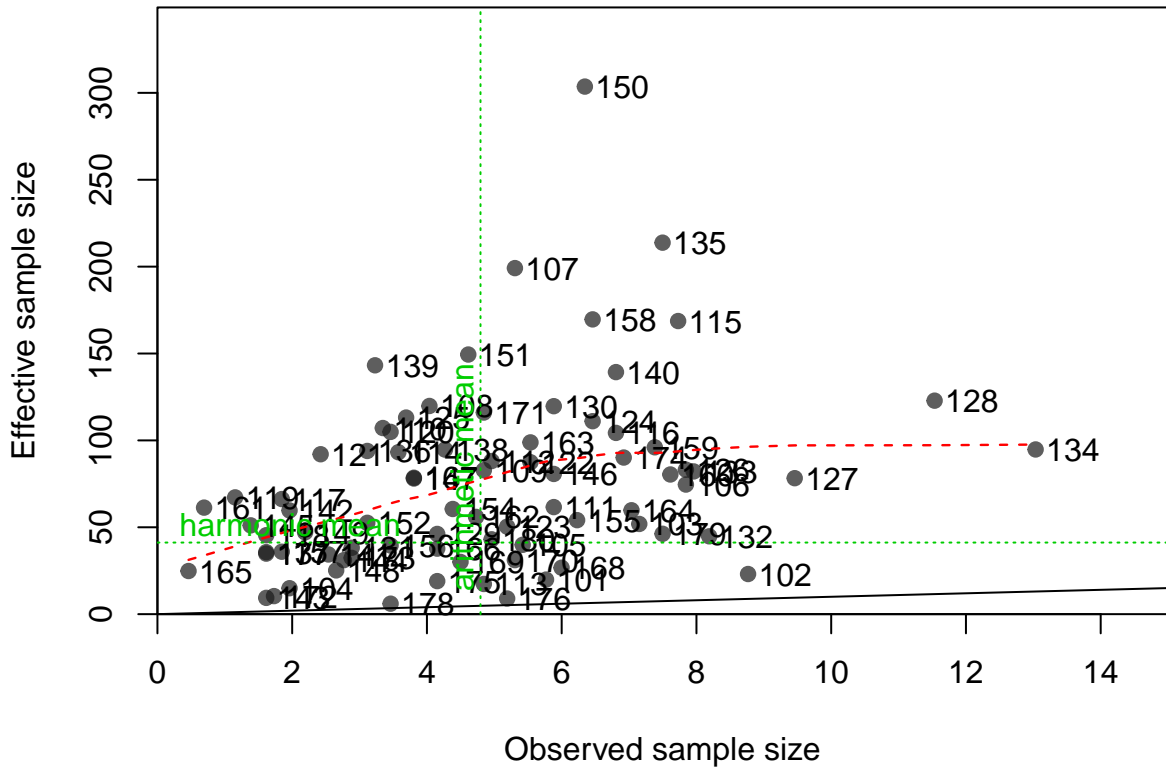


Proportion

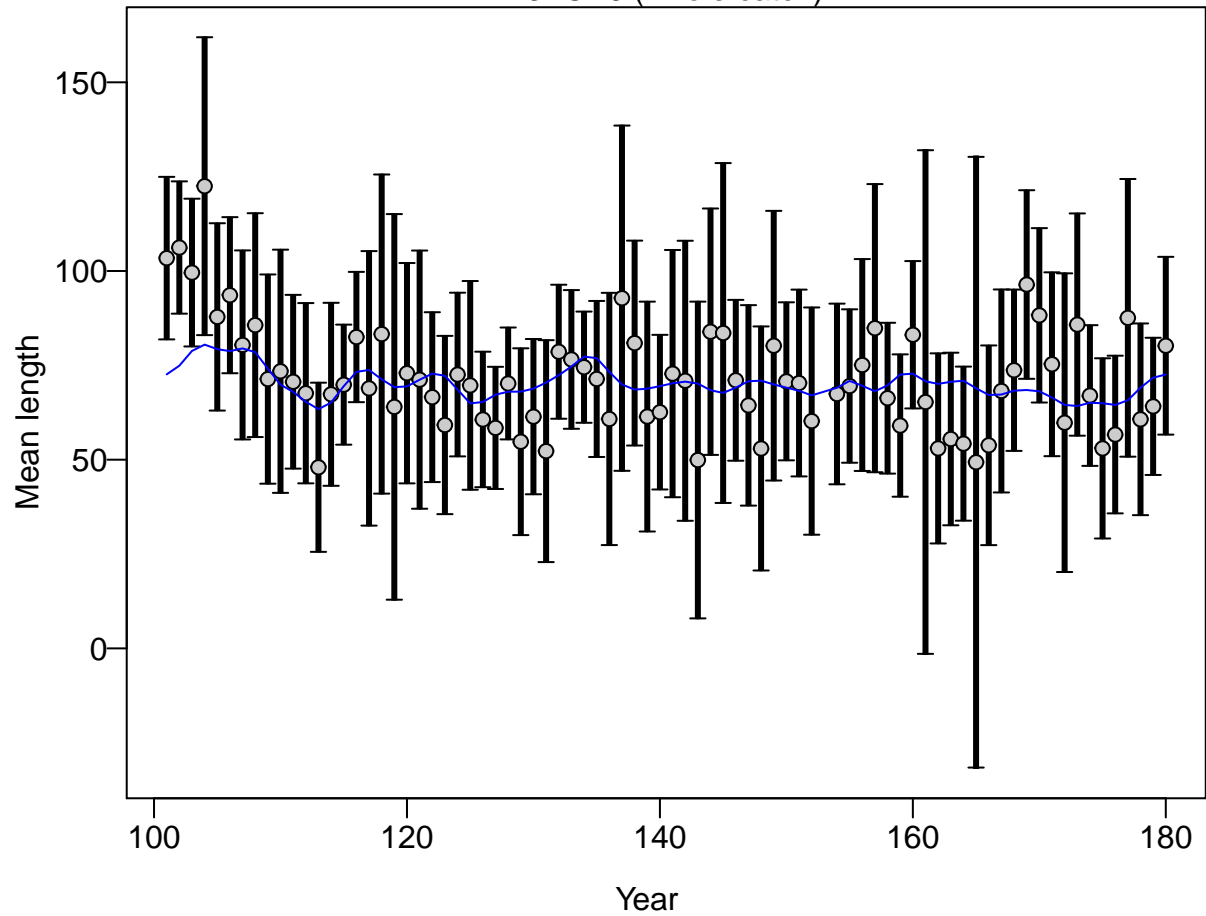




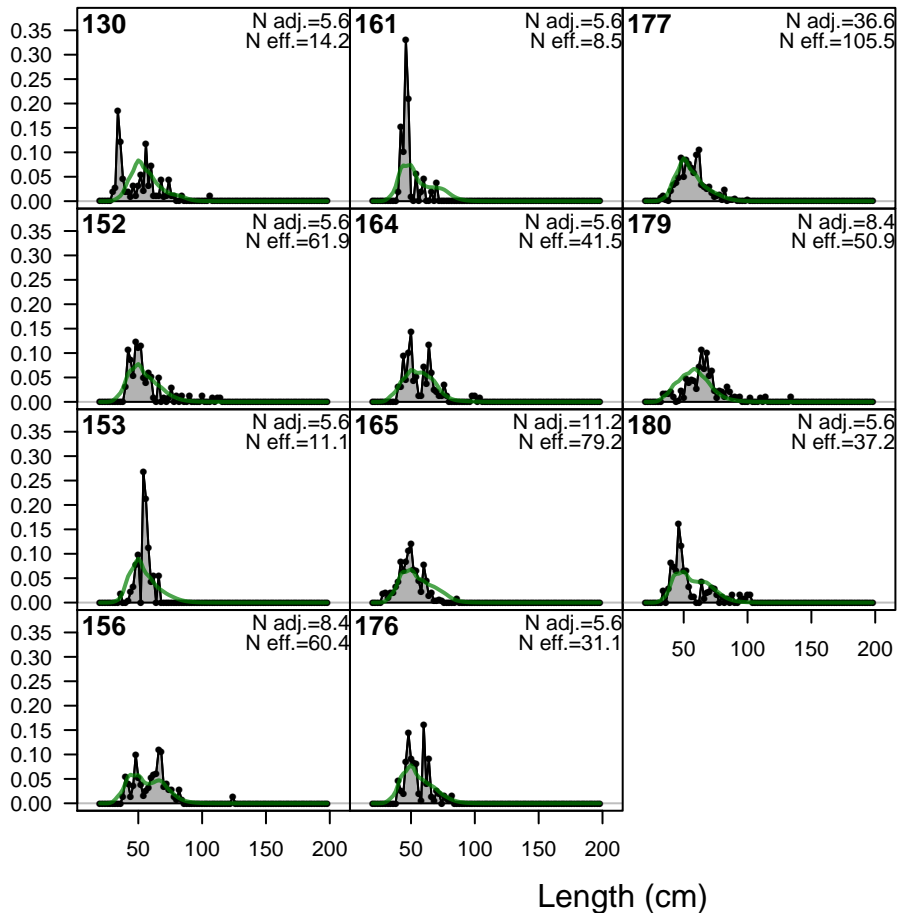


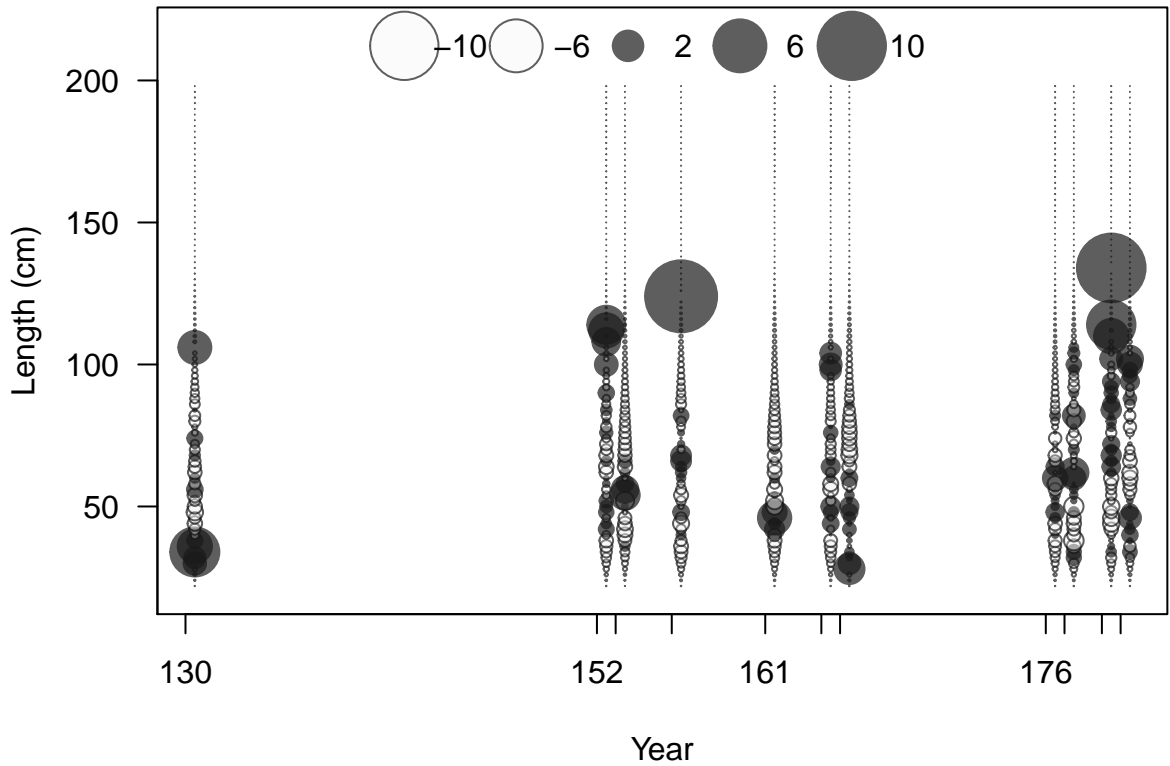


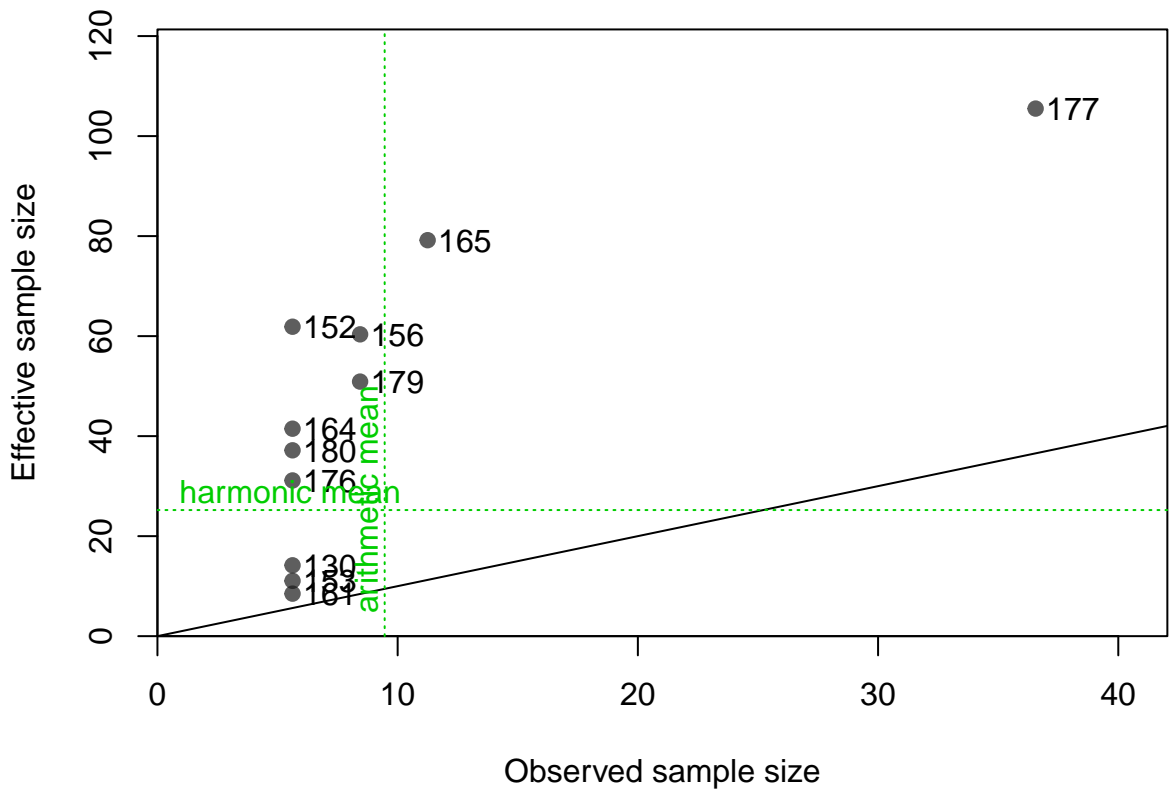
A3-OBJ (whole catch)



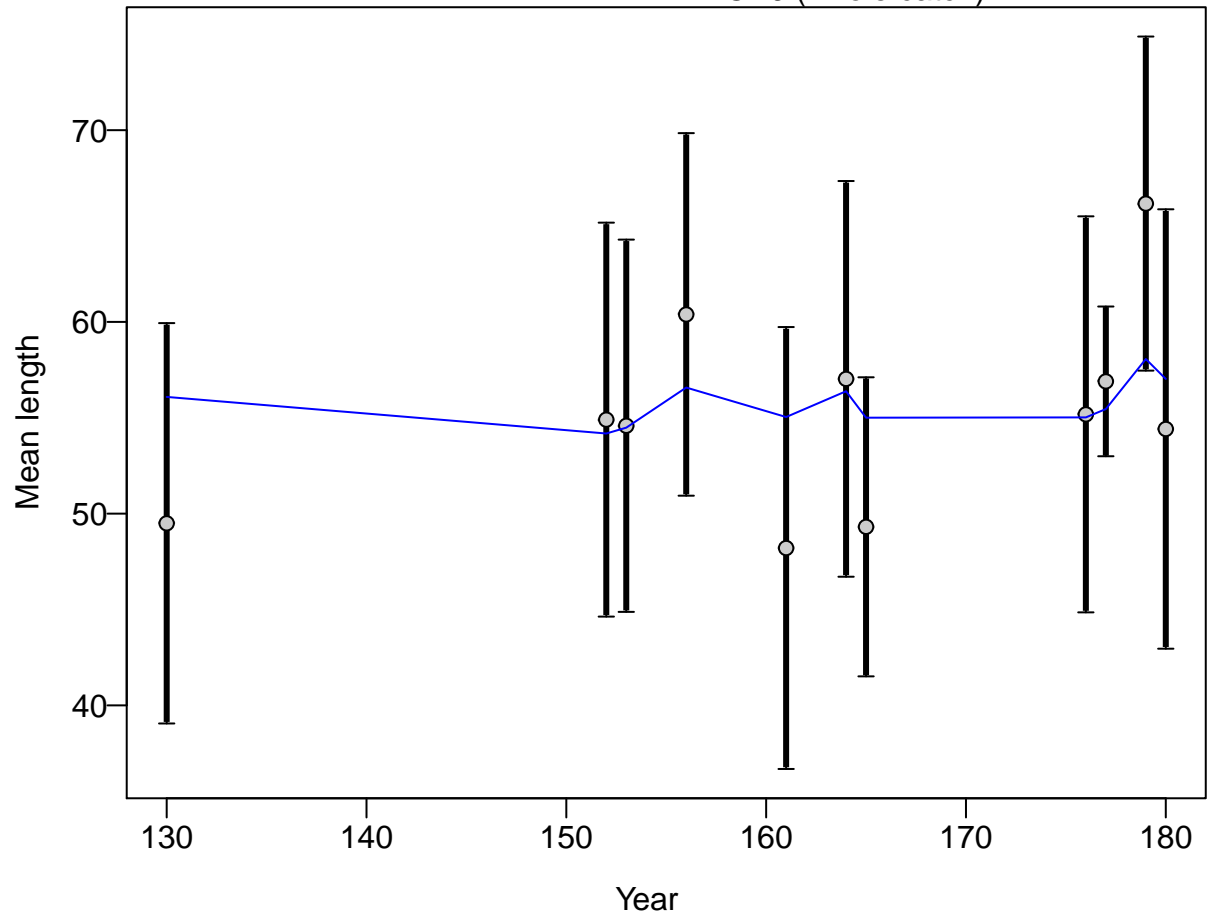
Proportion



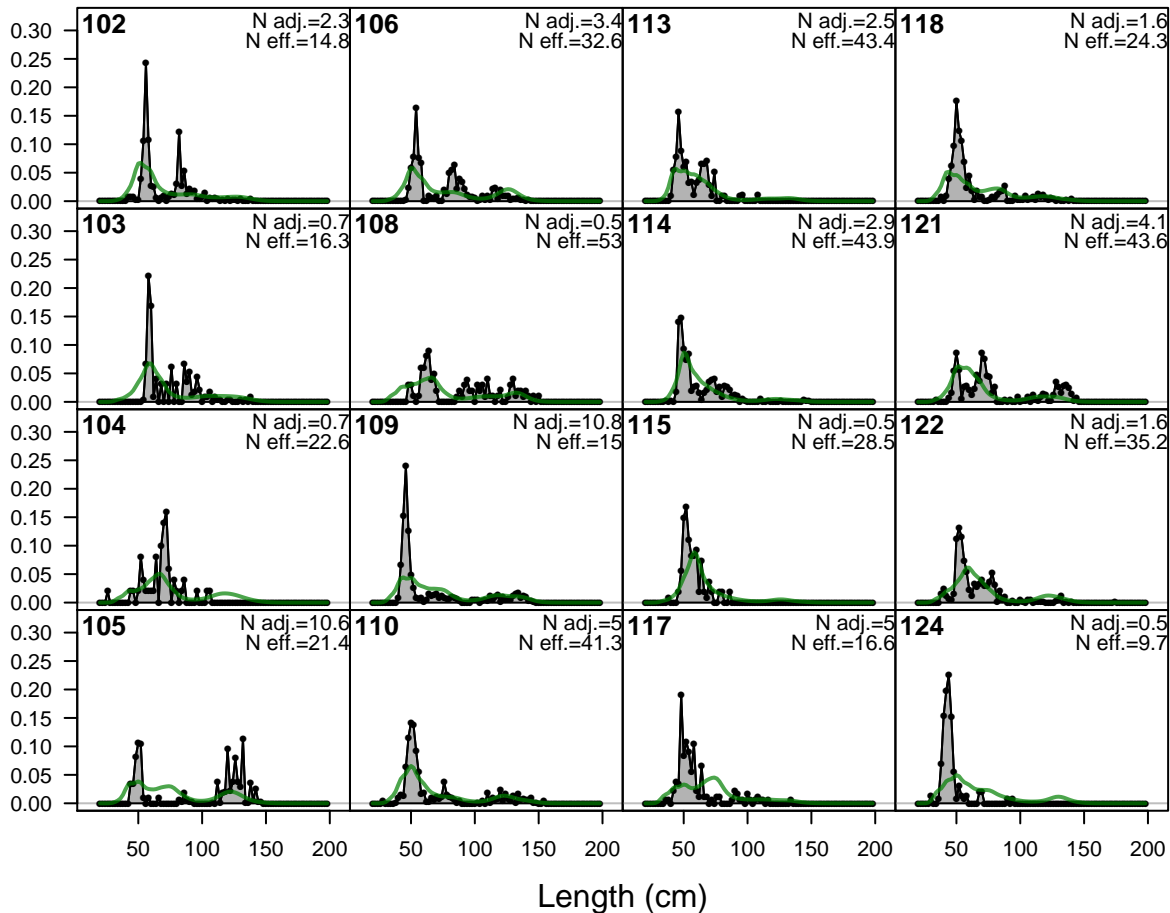




A4-OBJ (whole catch)

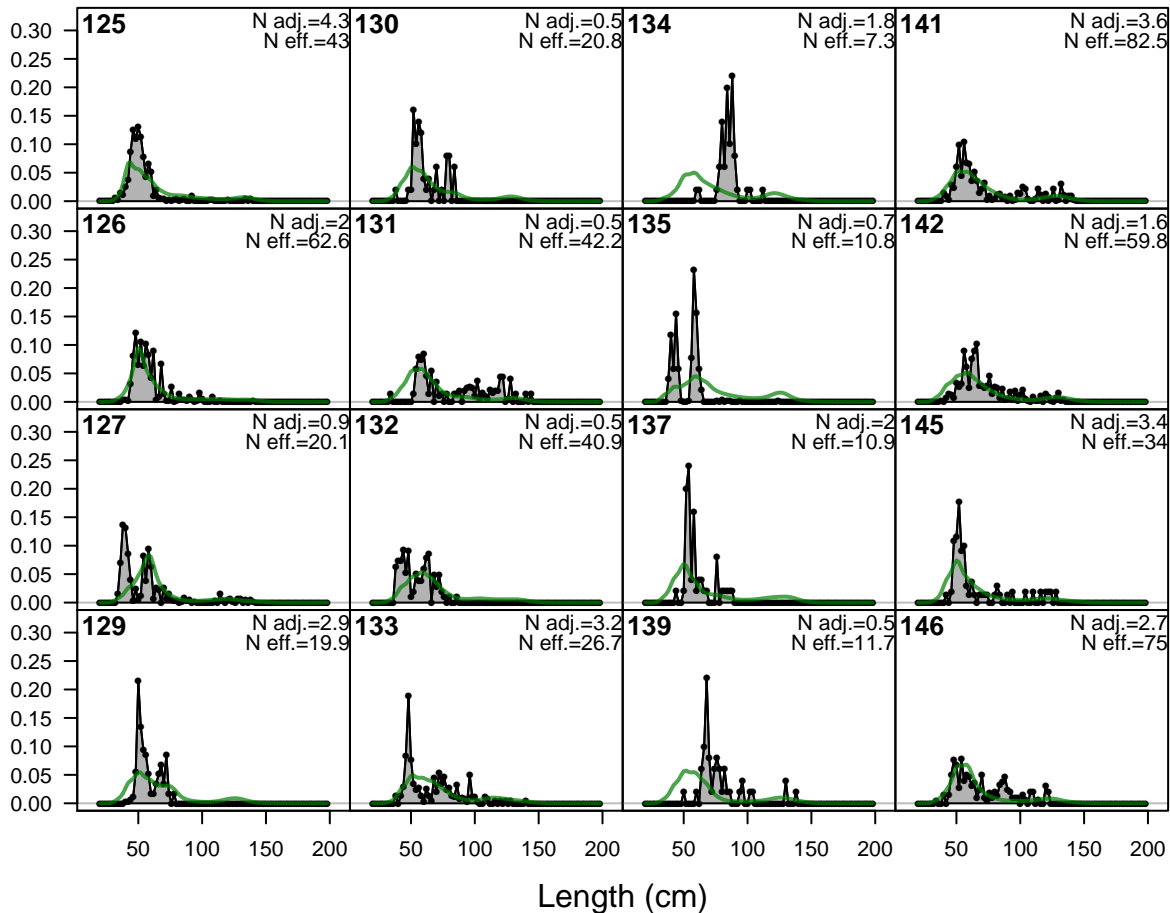


Proportion

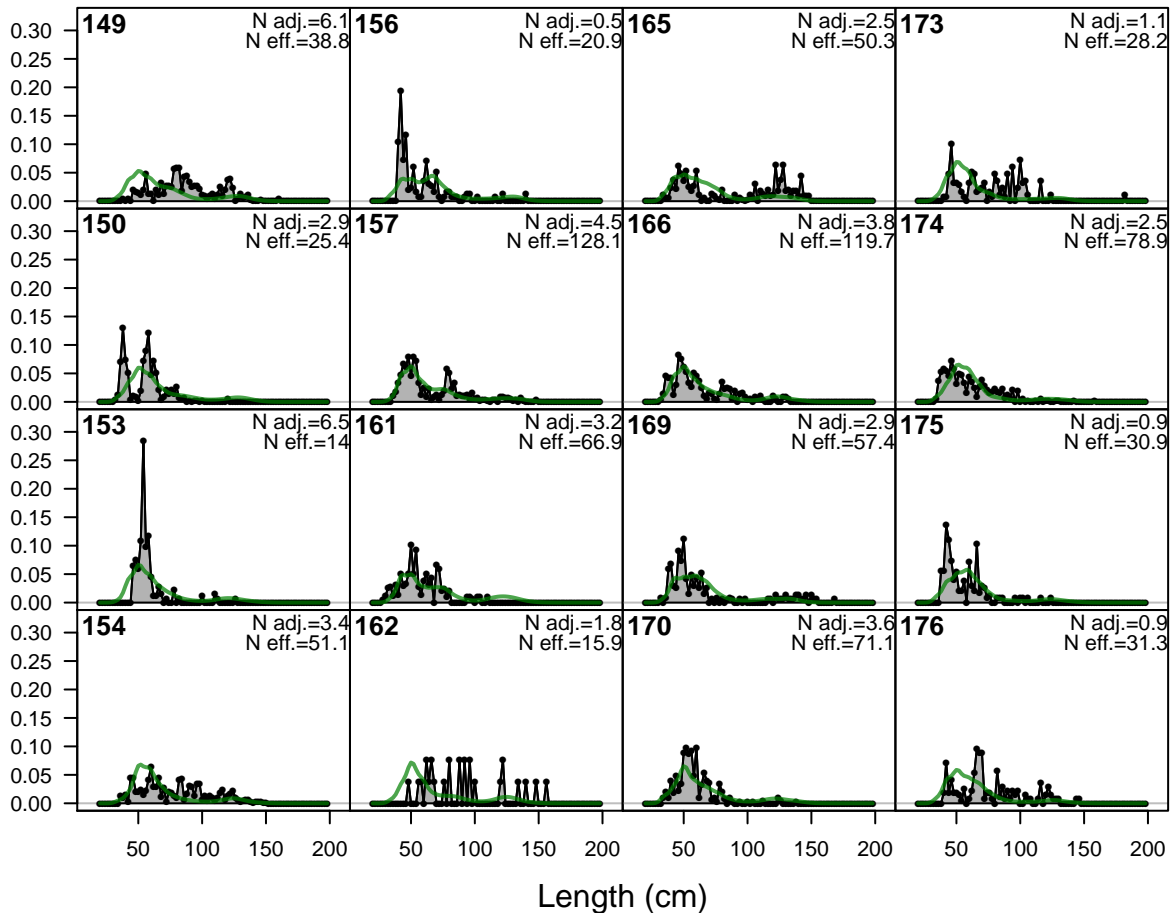




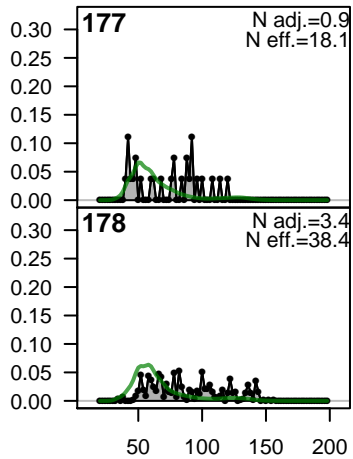
Proportion



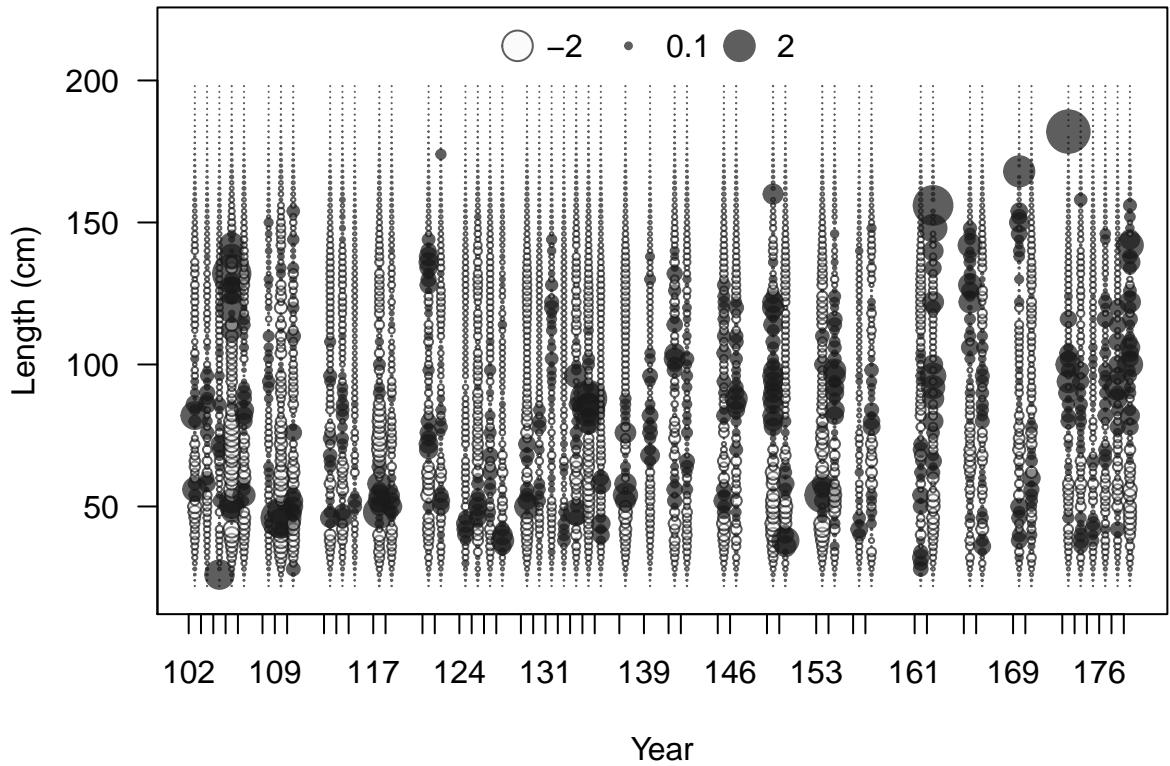
Proportion



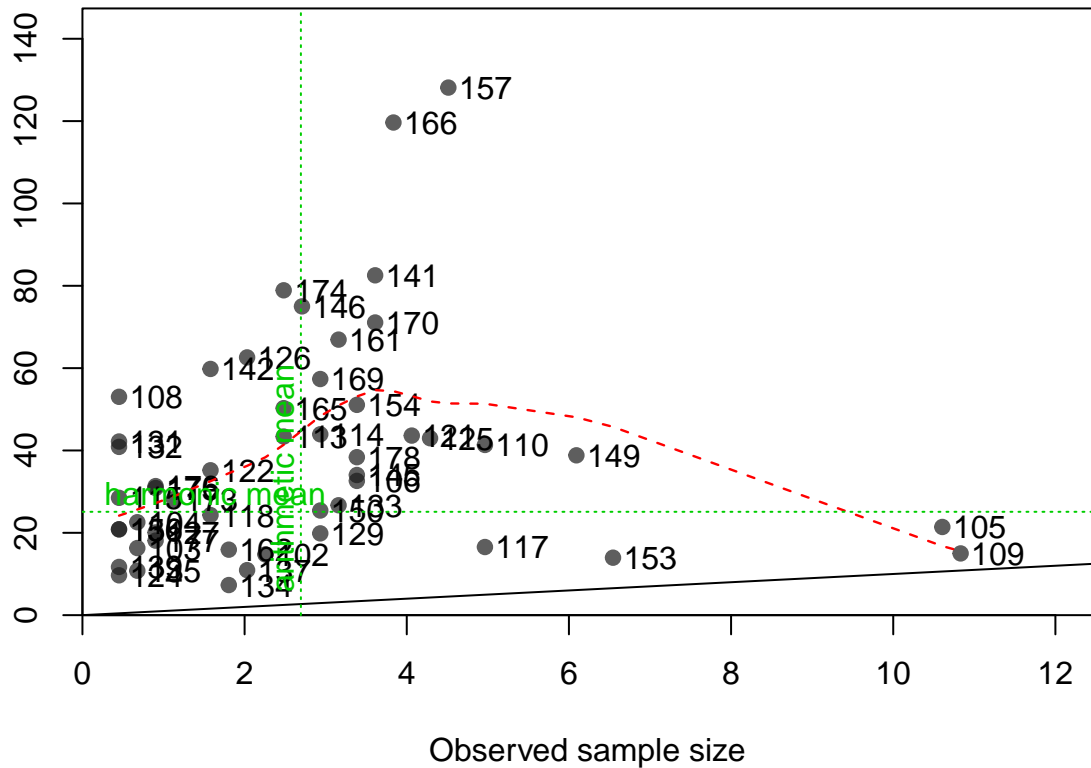
Proportion



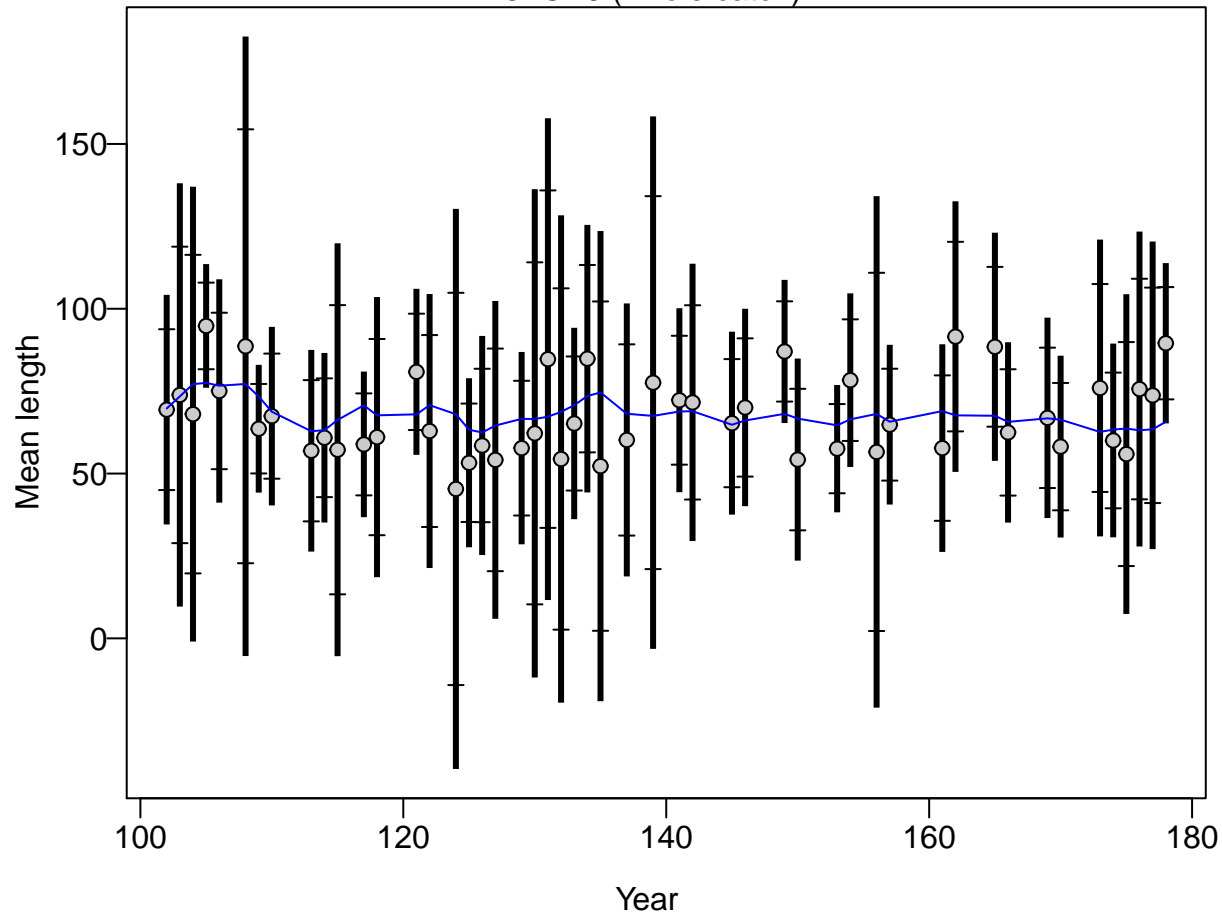
Length (cm)



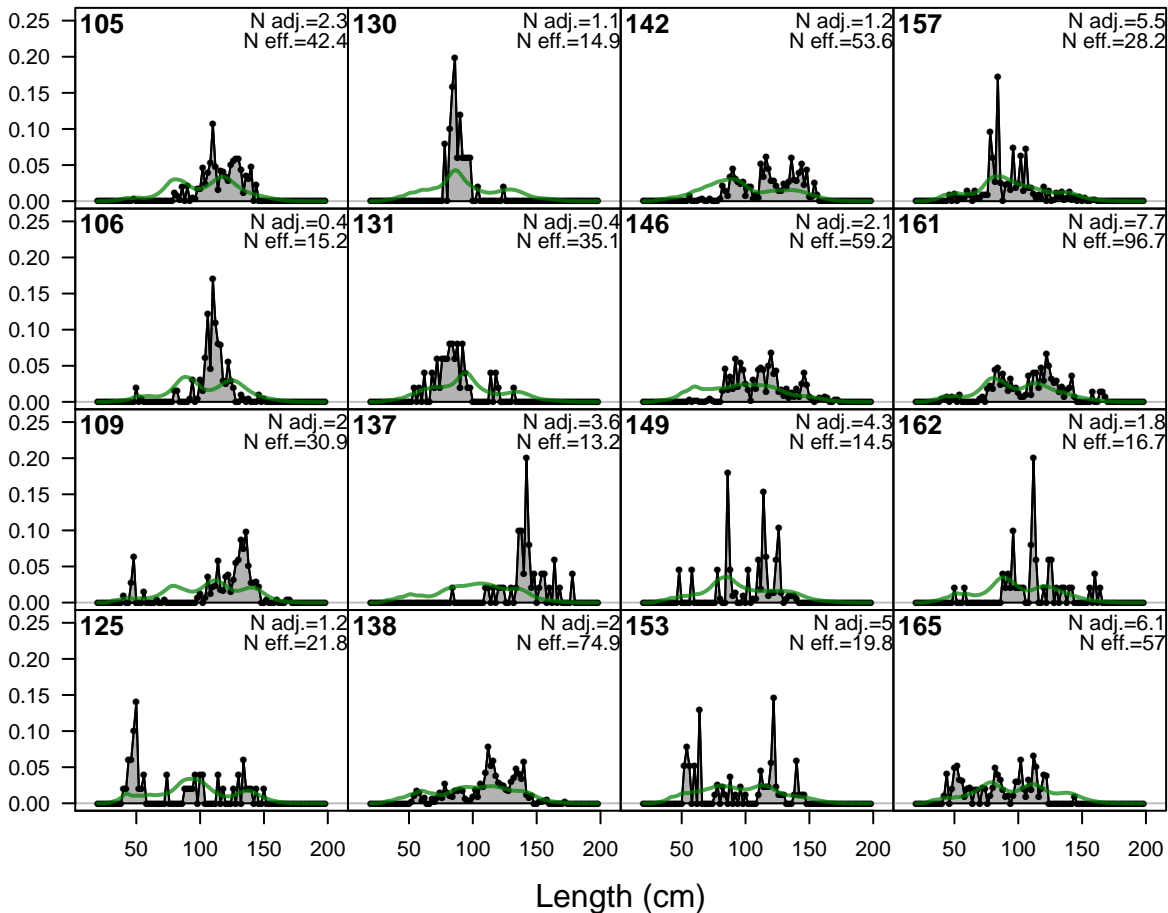
Effective sample size



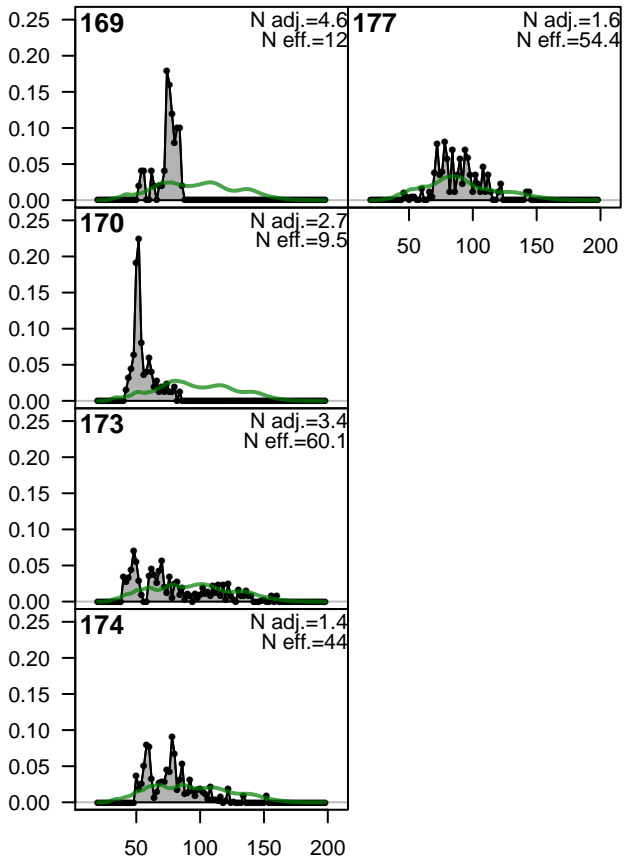
A5-OBJ (whole catch)



Proportion

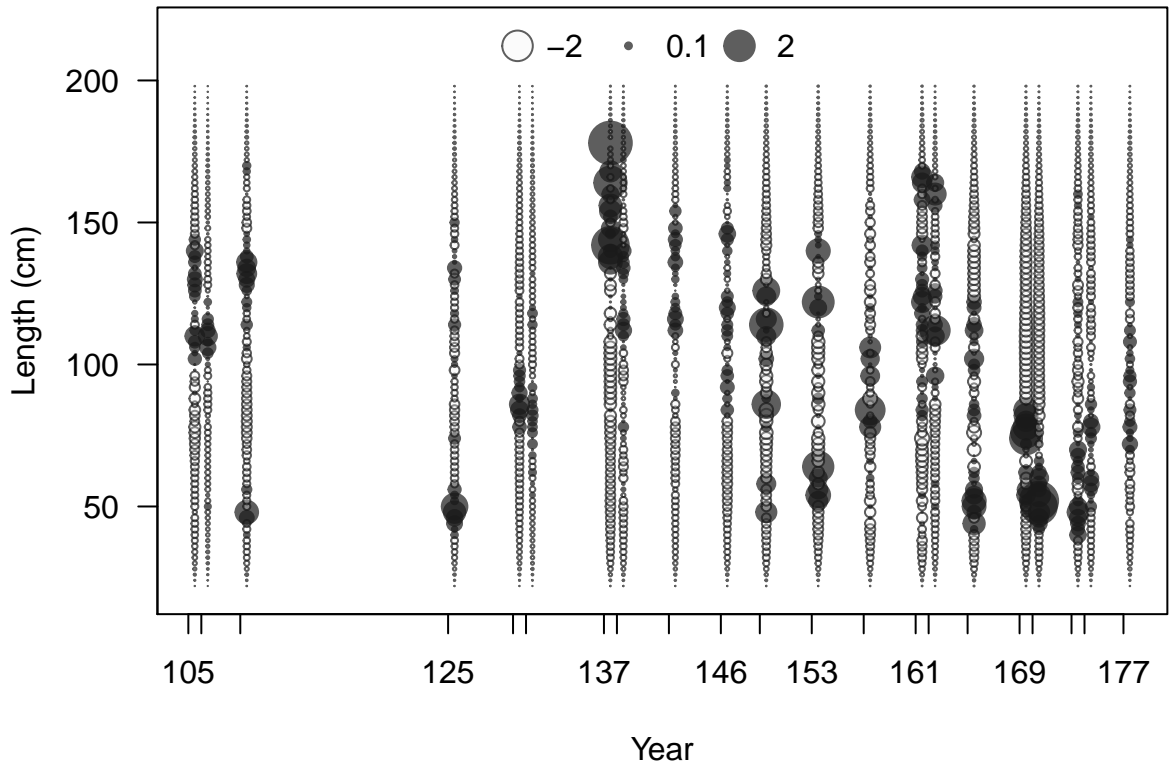


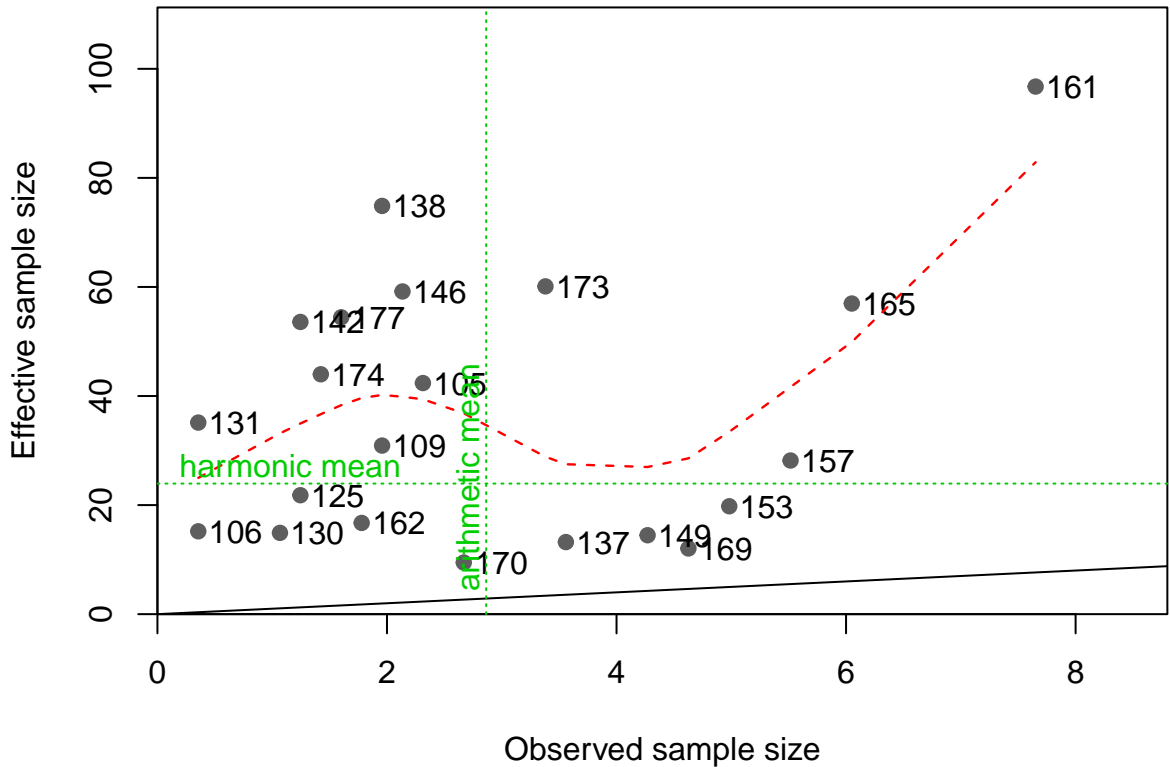
Proportion



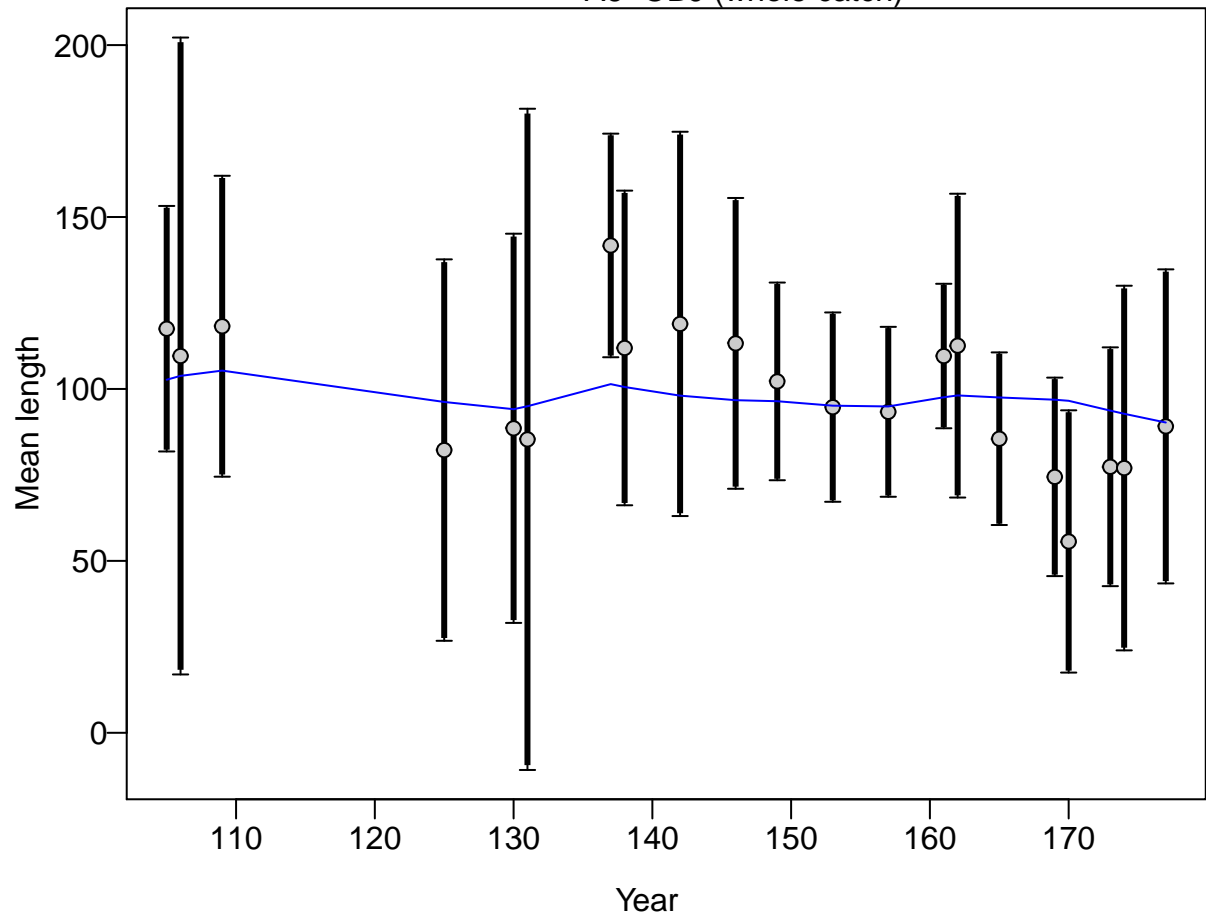
Length (cm)



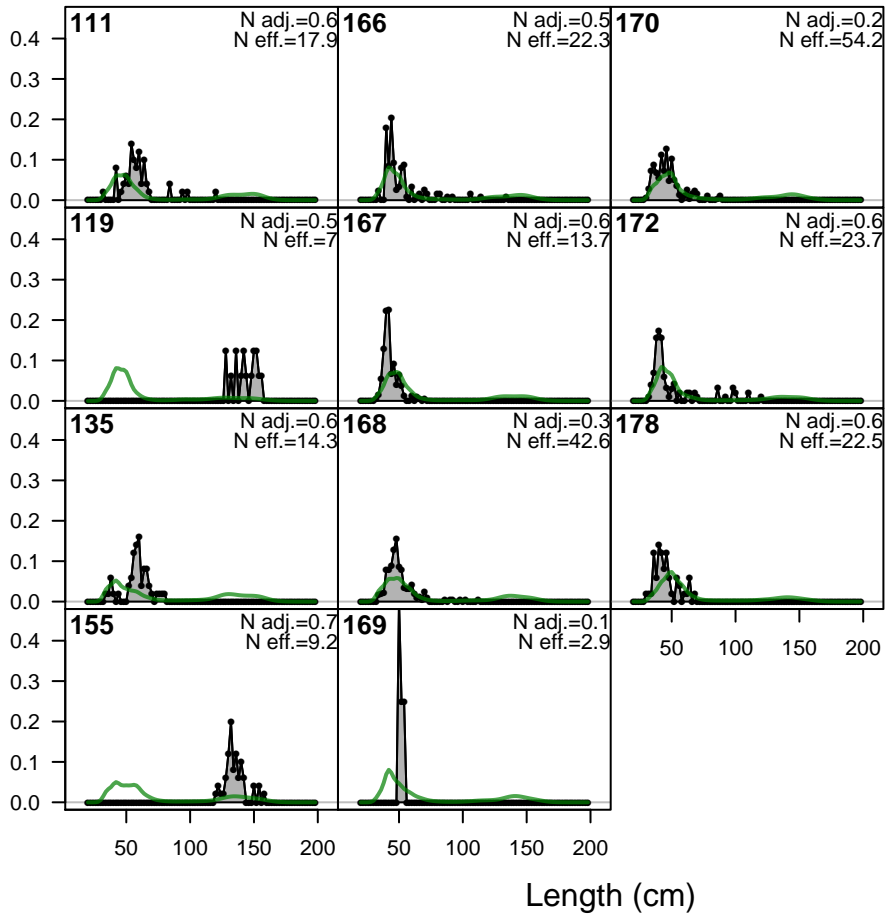


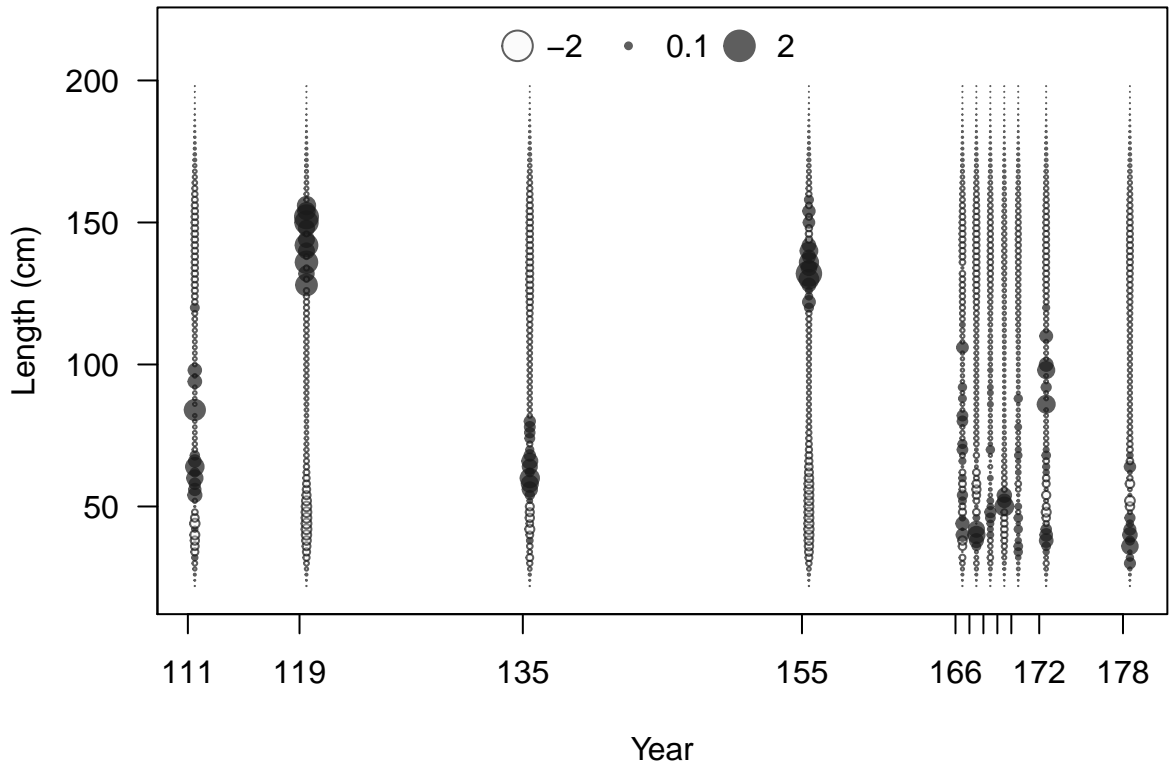


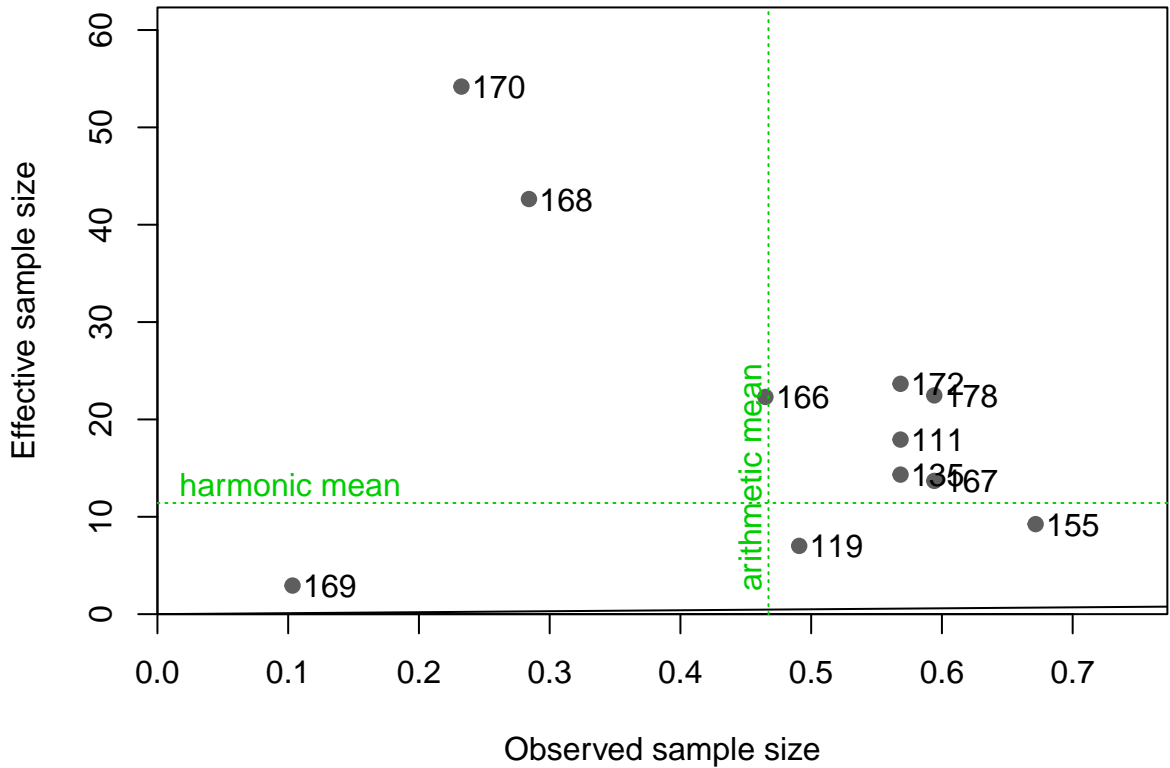
## A6-OBJ (whole catch)



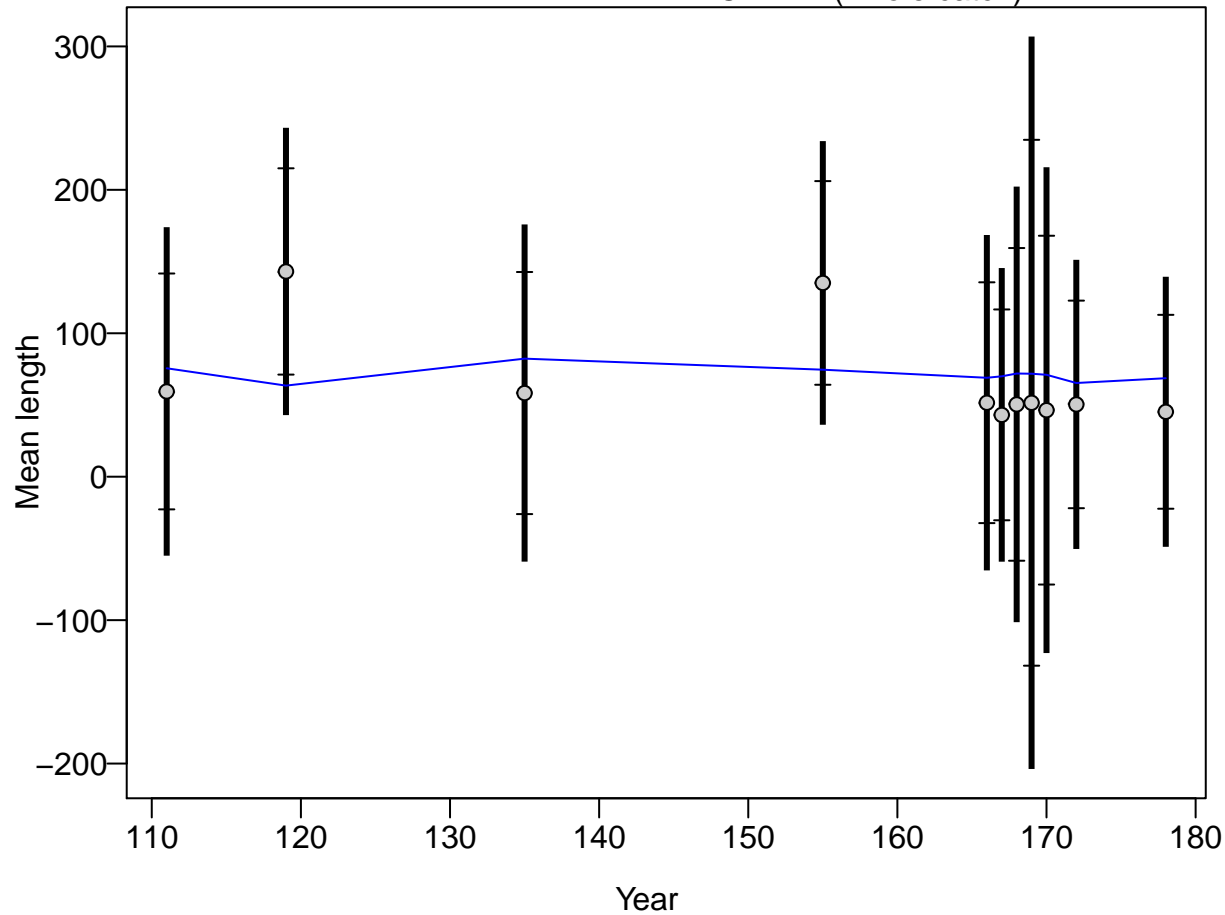
Proportion



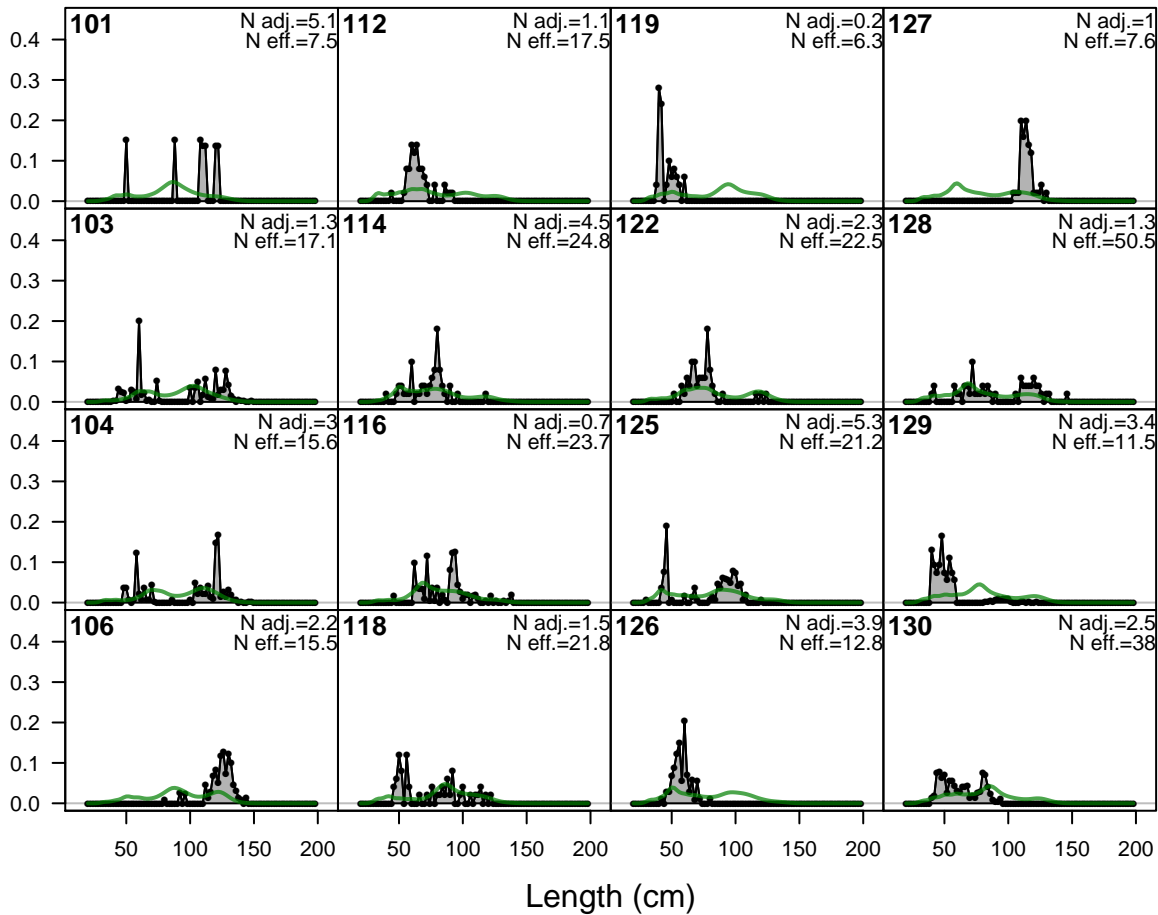




A2-NOADEL (whole catch)

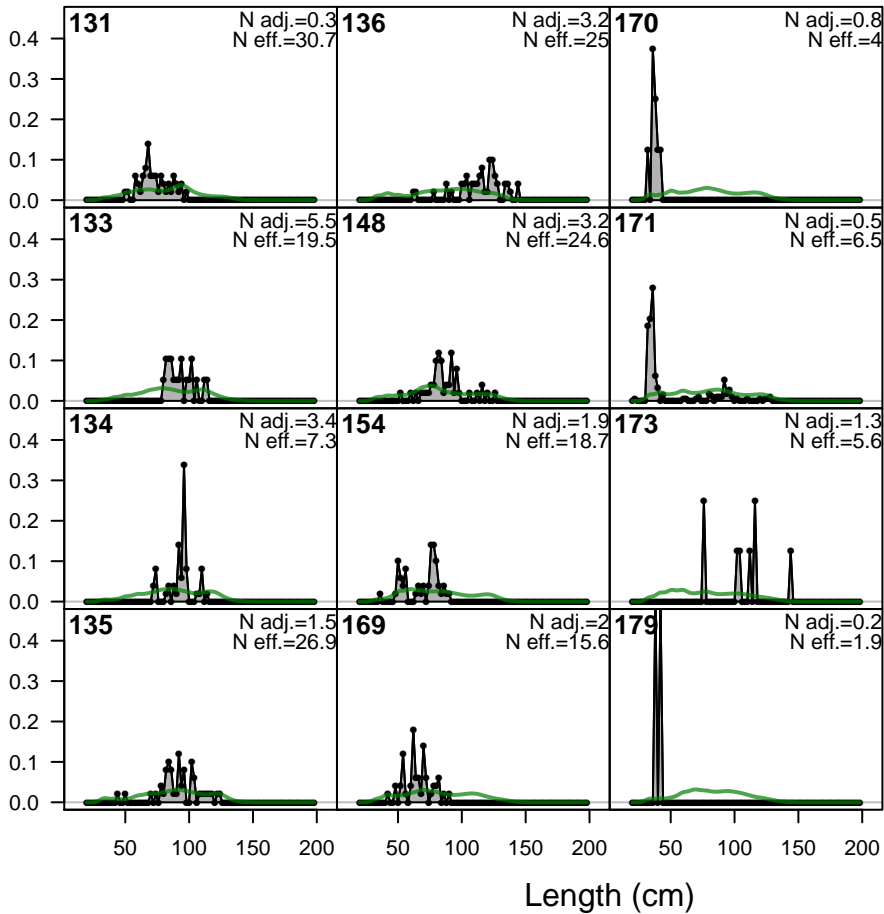


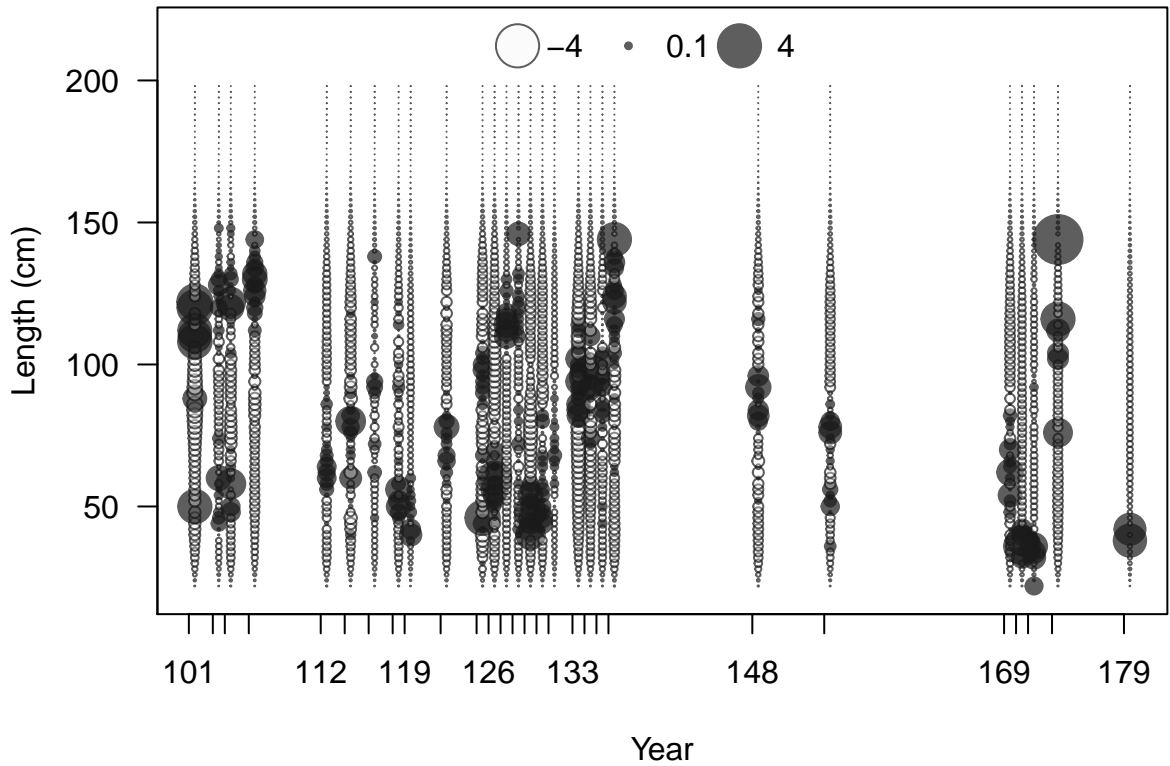
Proportion



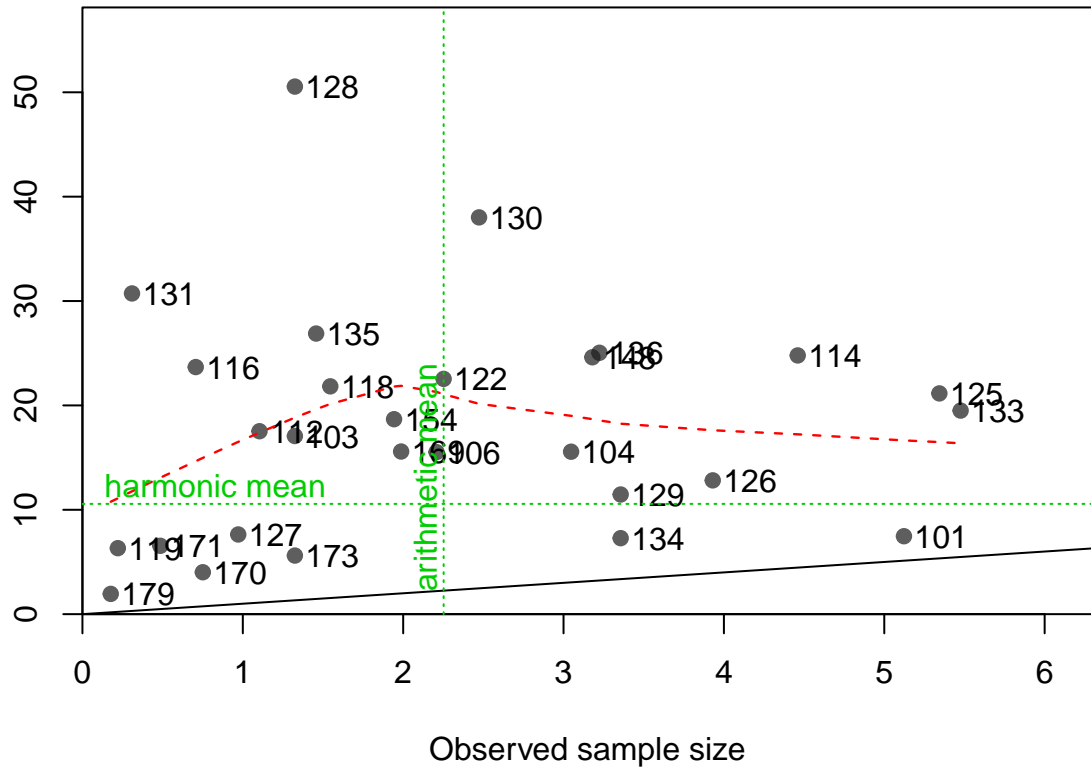


Proportion

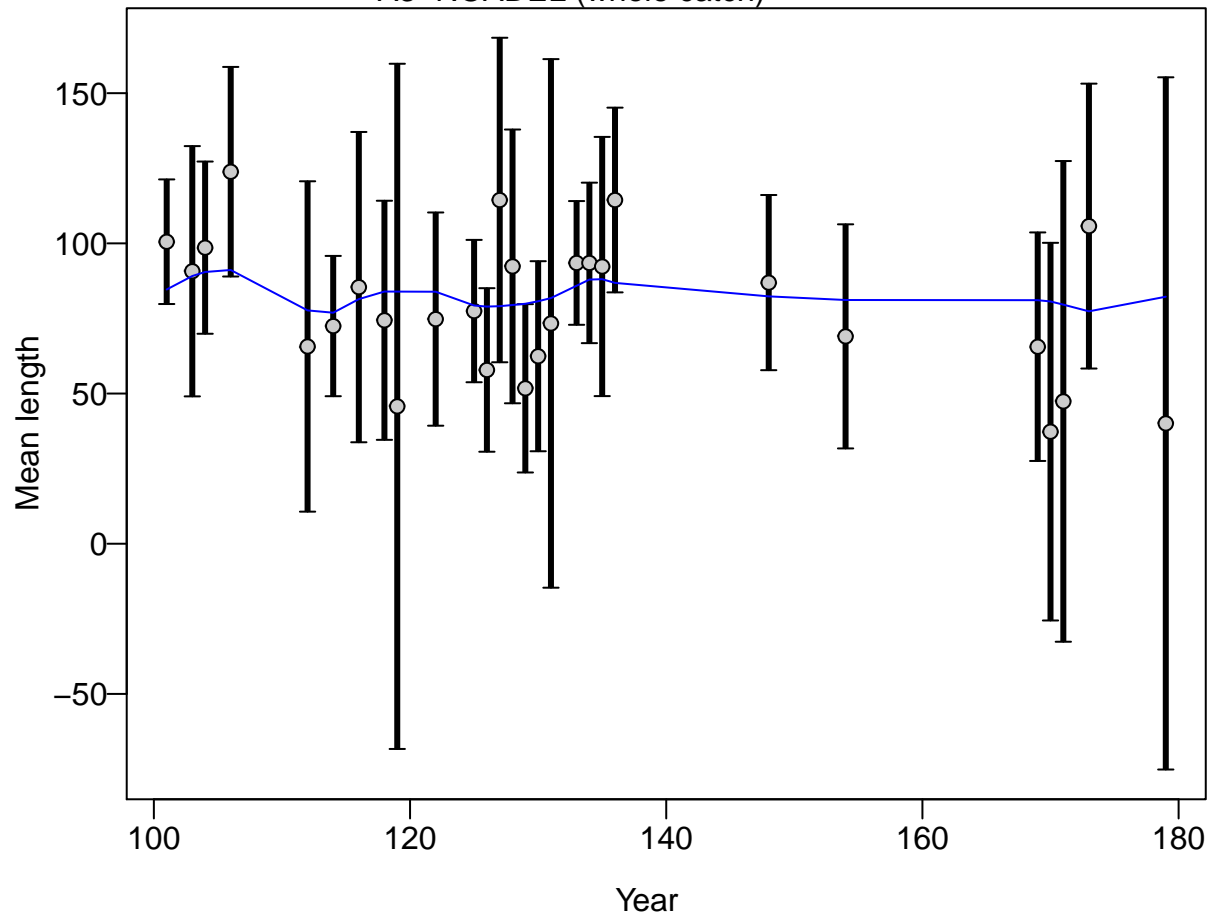




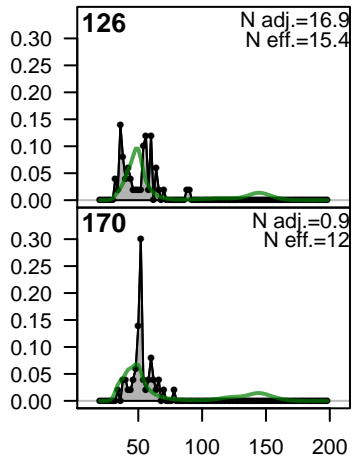
Effective sample size



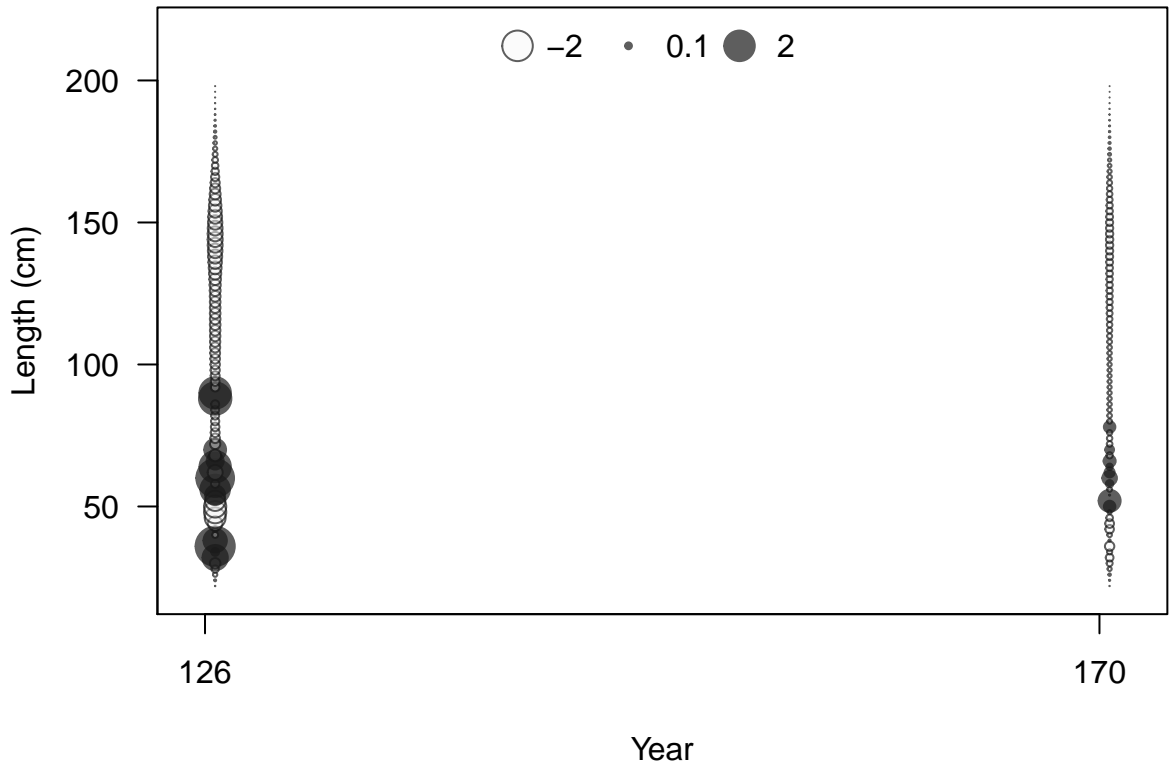
A3-NOADEL (whole catch)

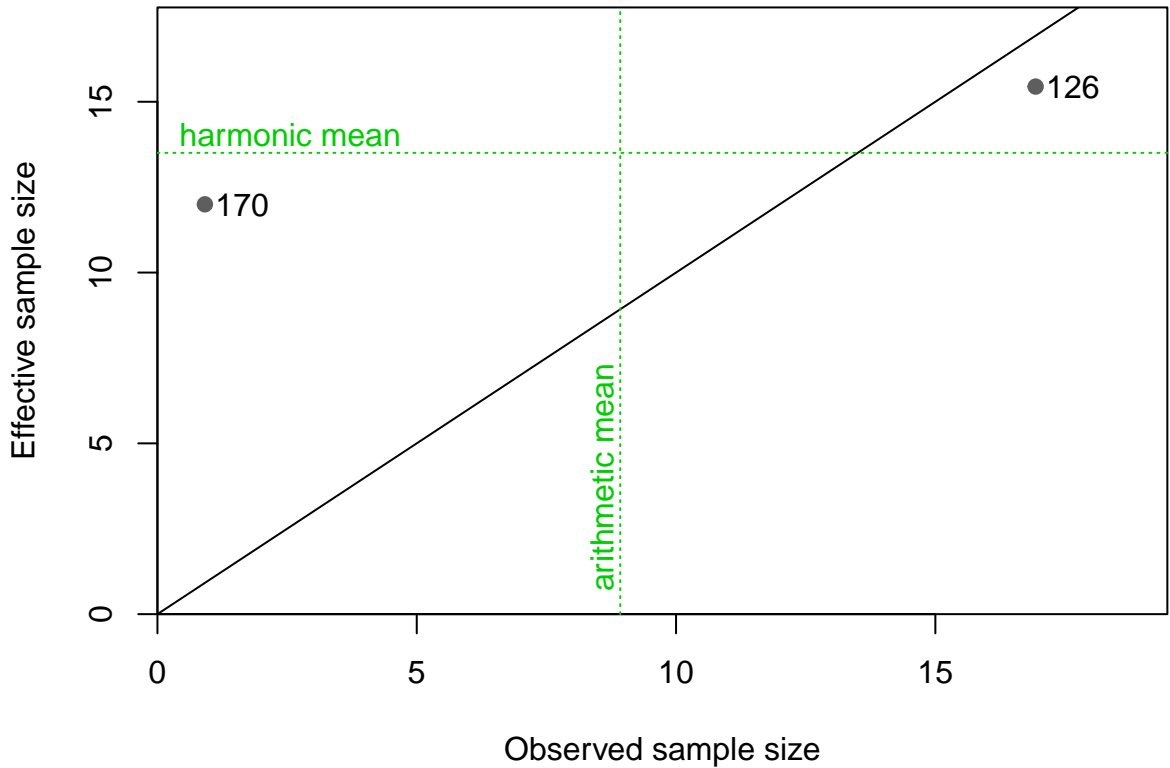


Proportion

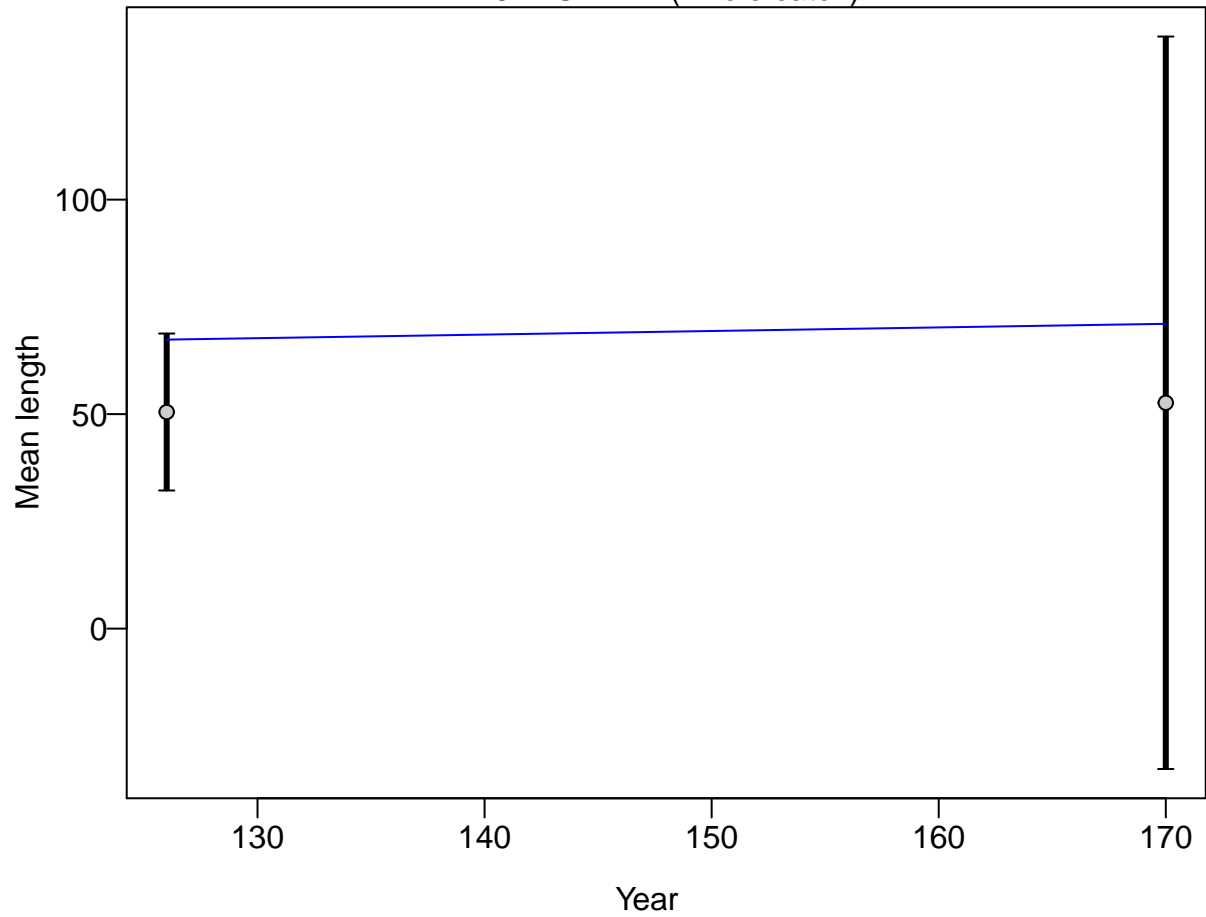


Length (cm)



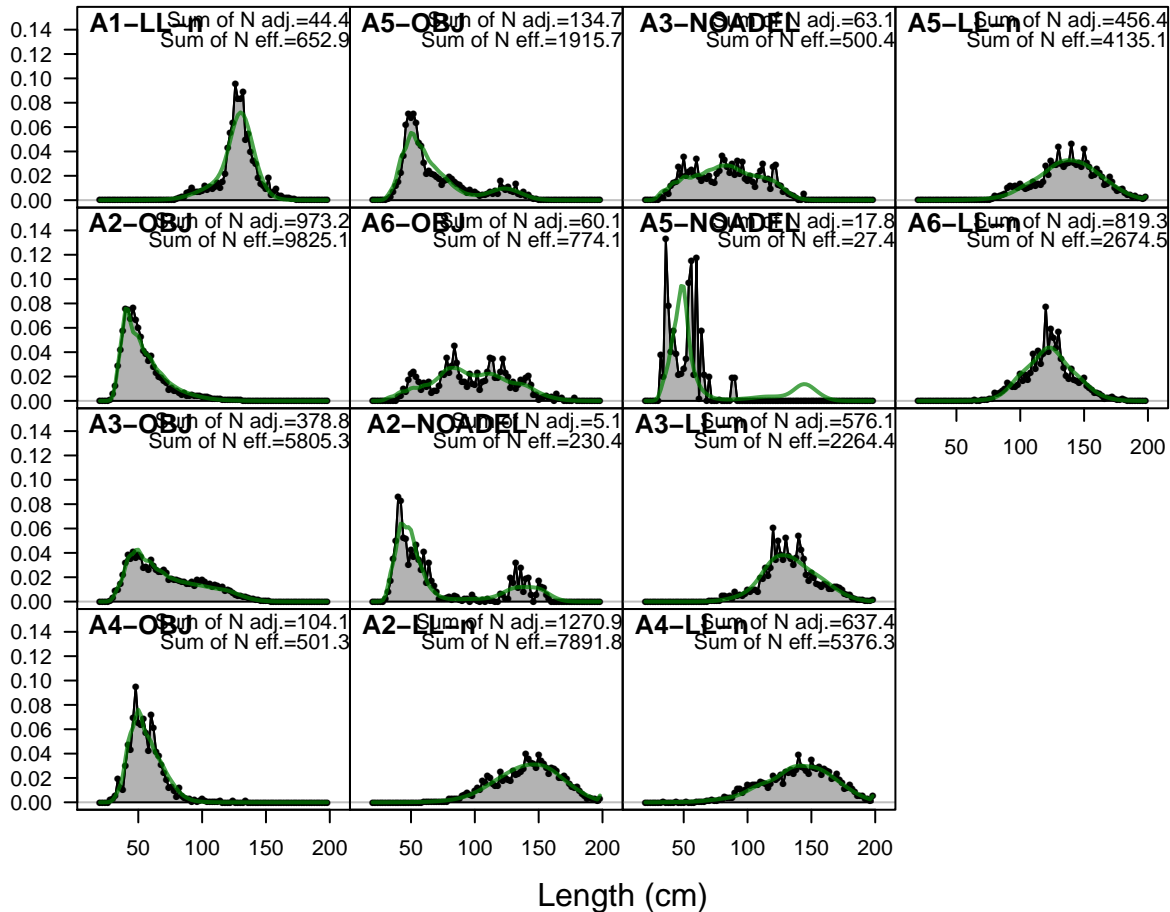


A5-NOADEL (whole catch)

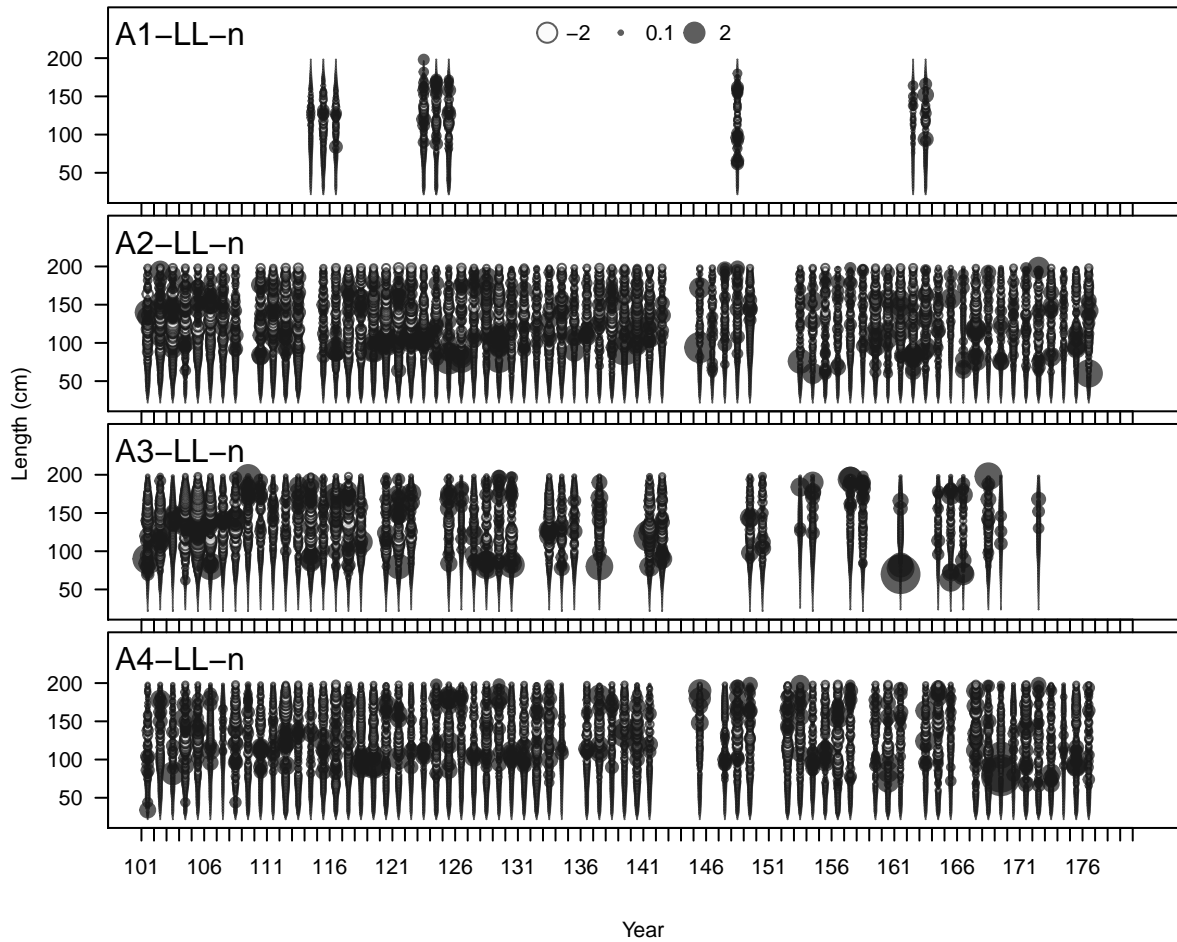


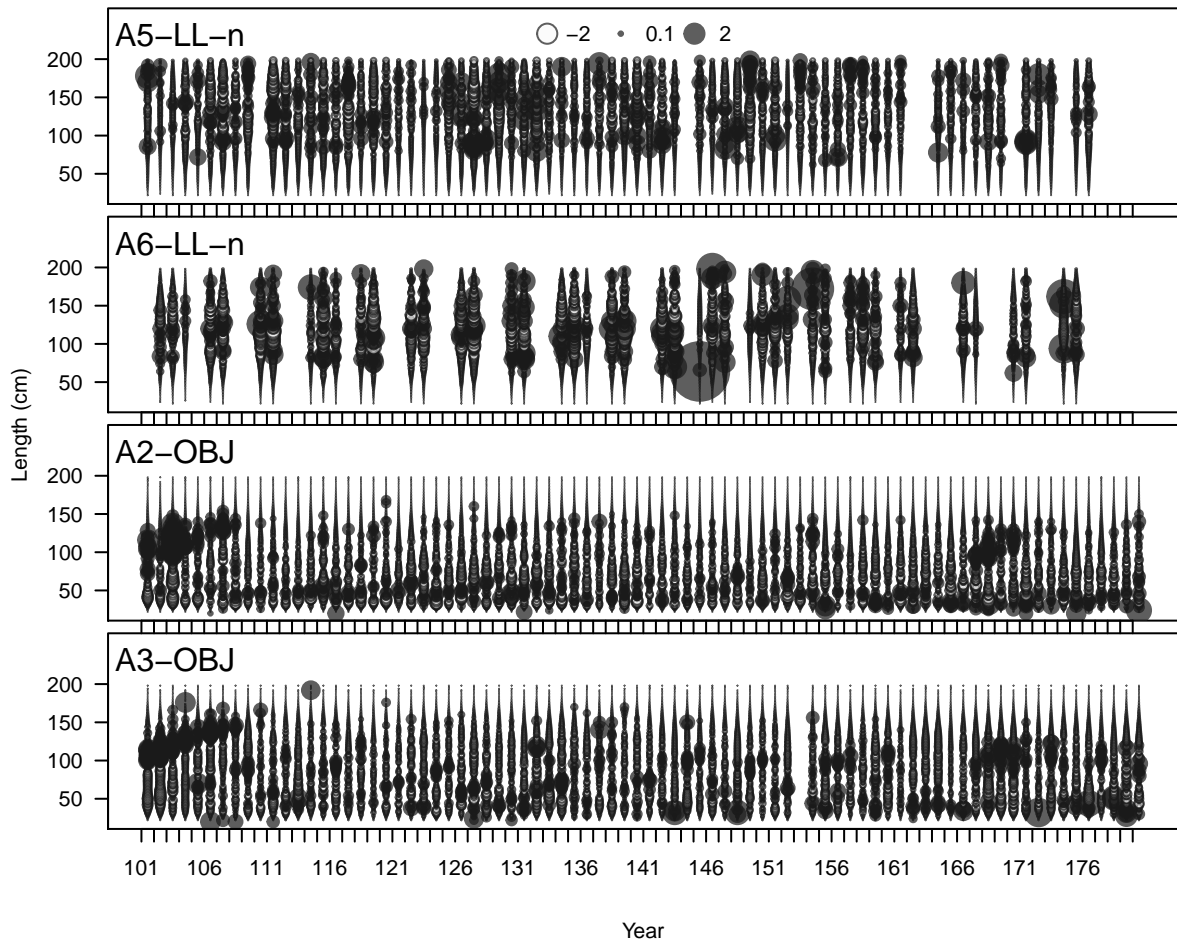


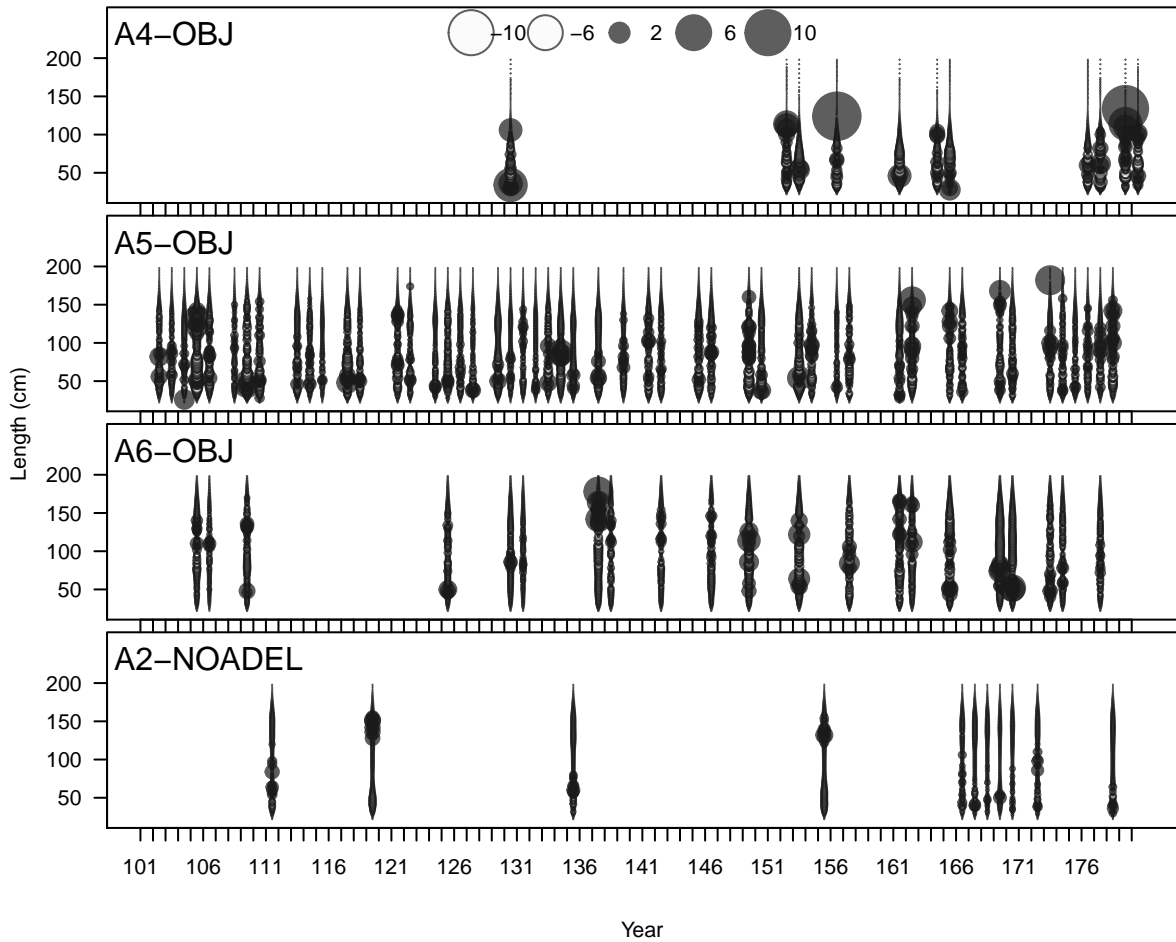
Proportion

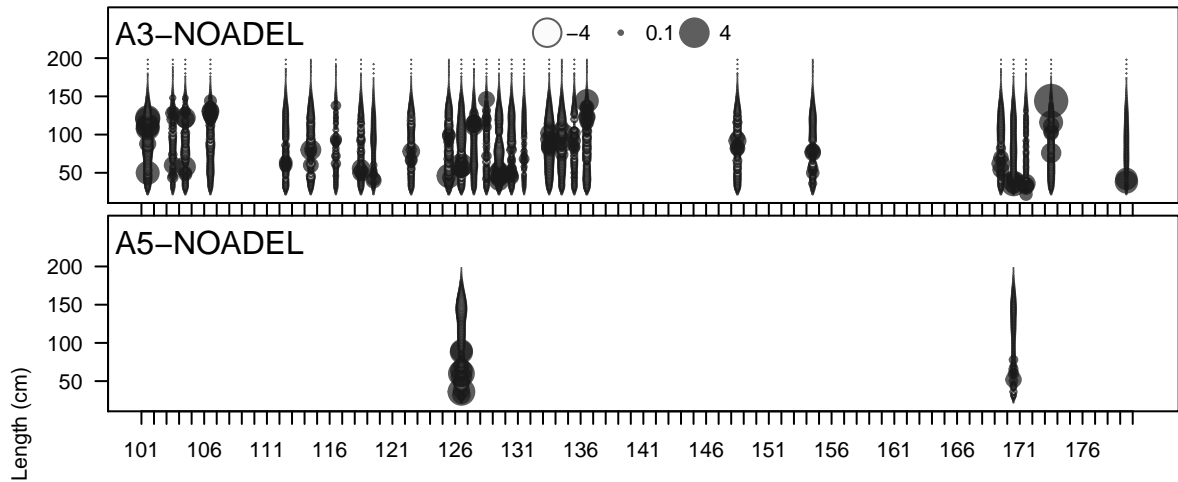


Length (cm)



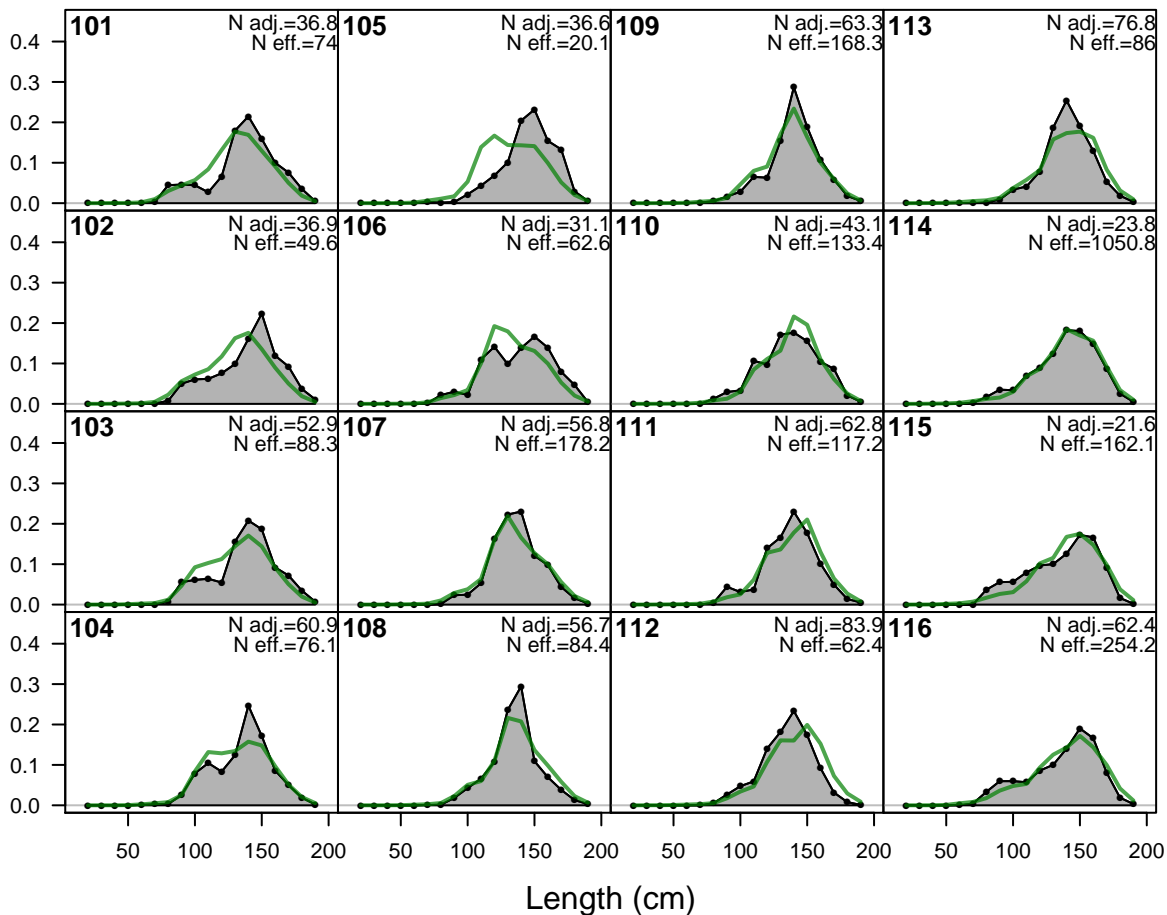




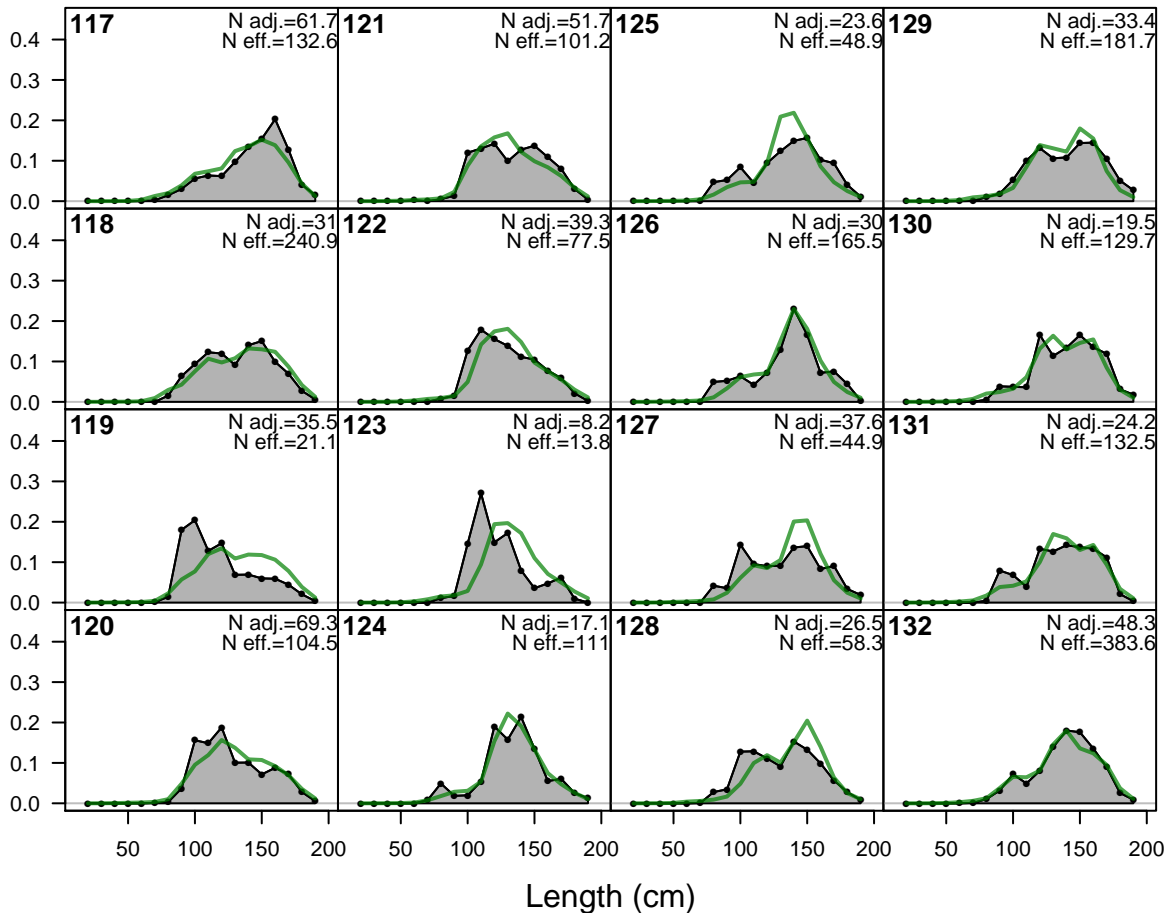


Year

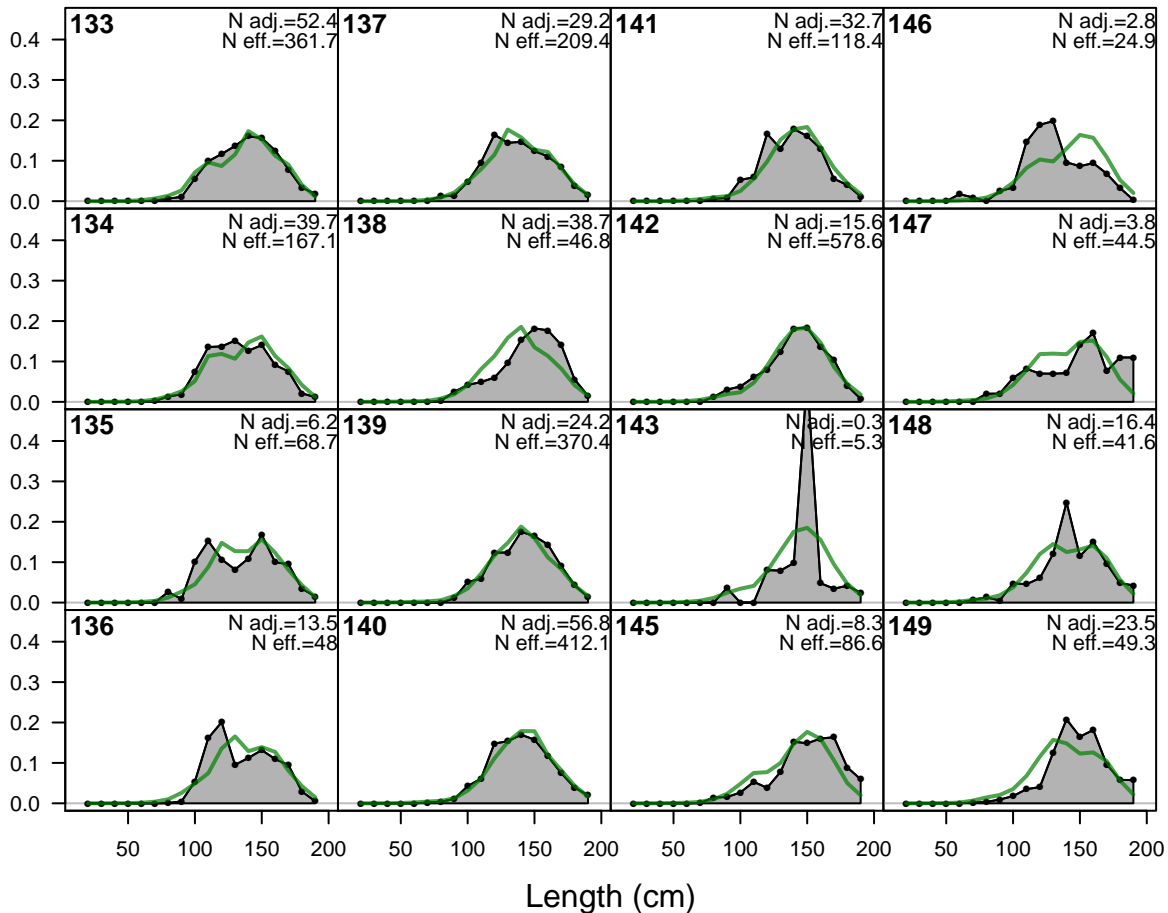
Proportion



Proportion

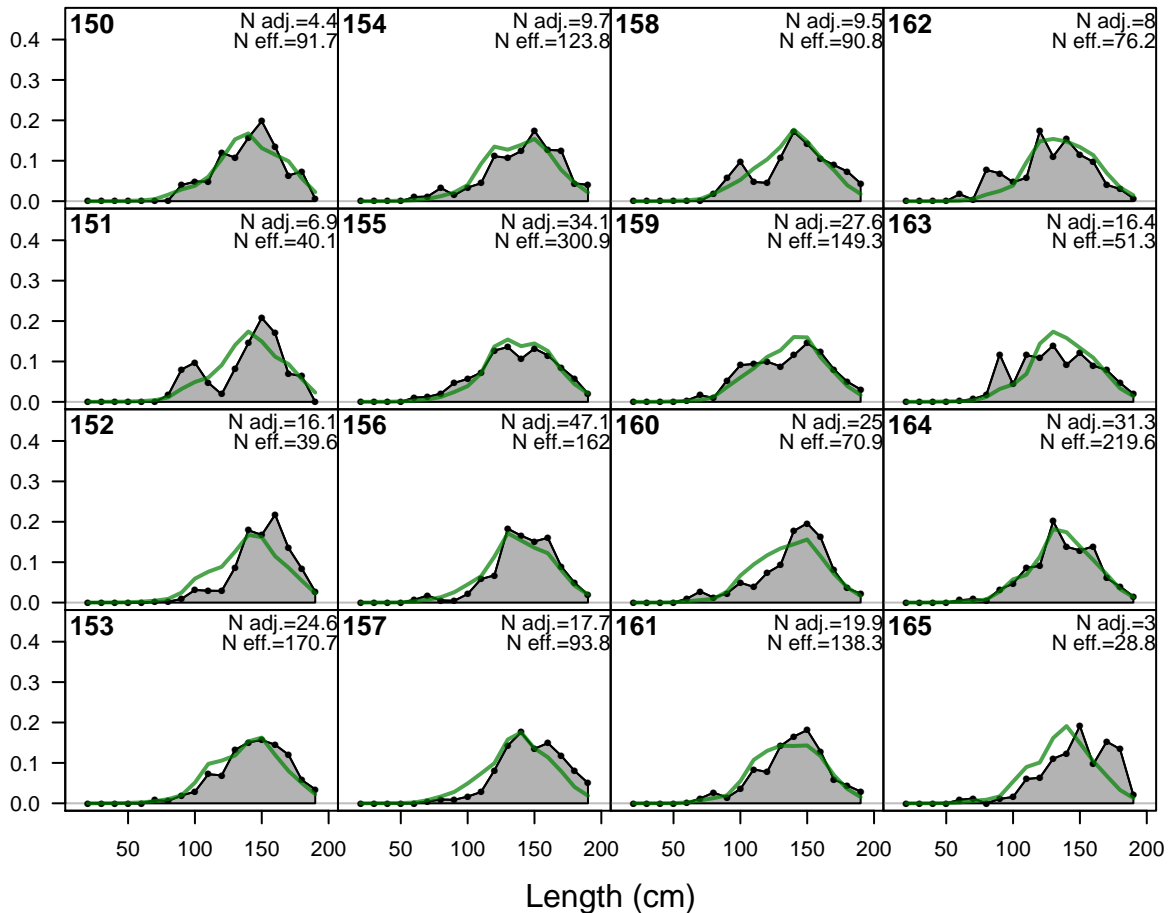


Proportion

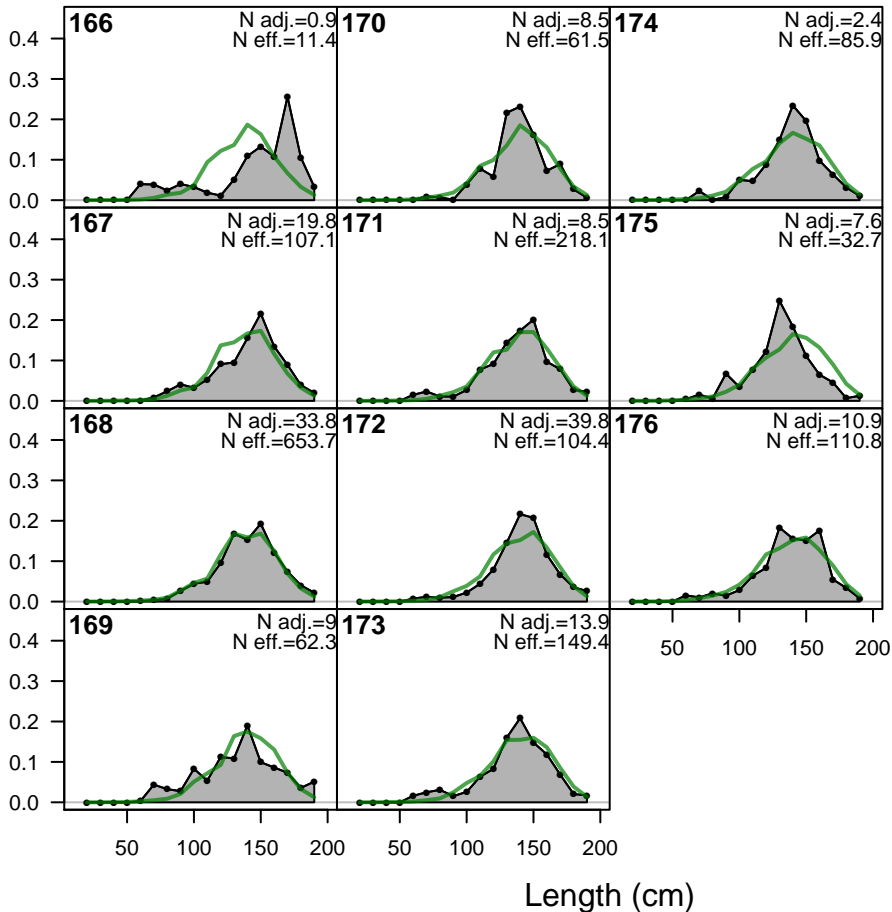




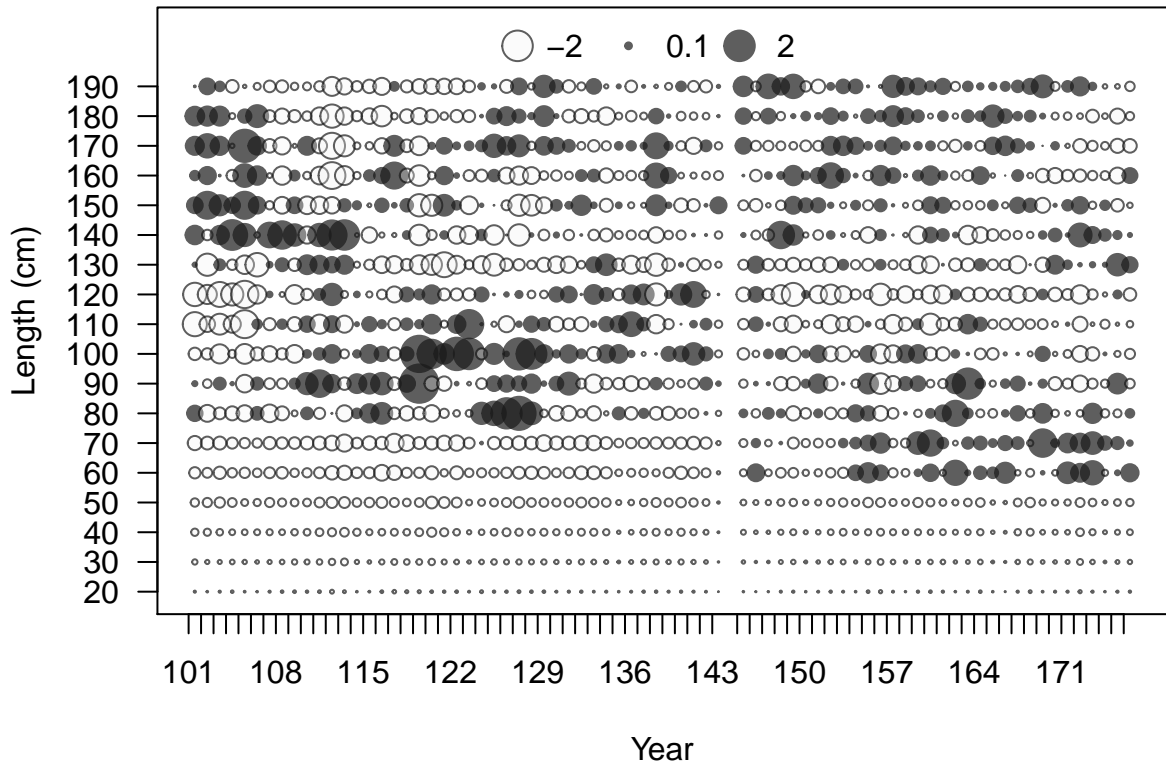
Proportion

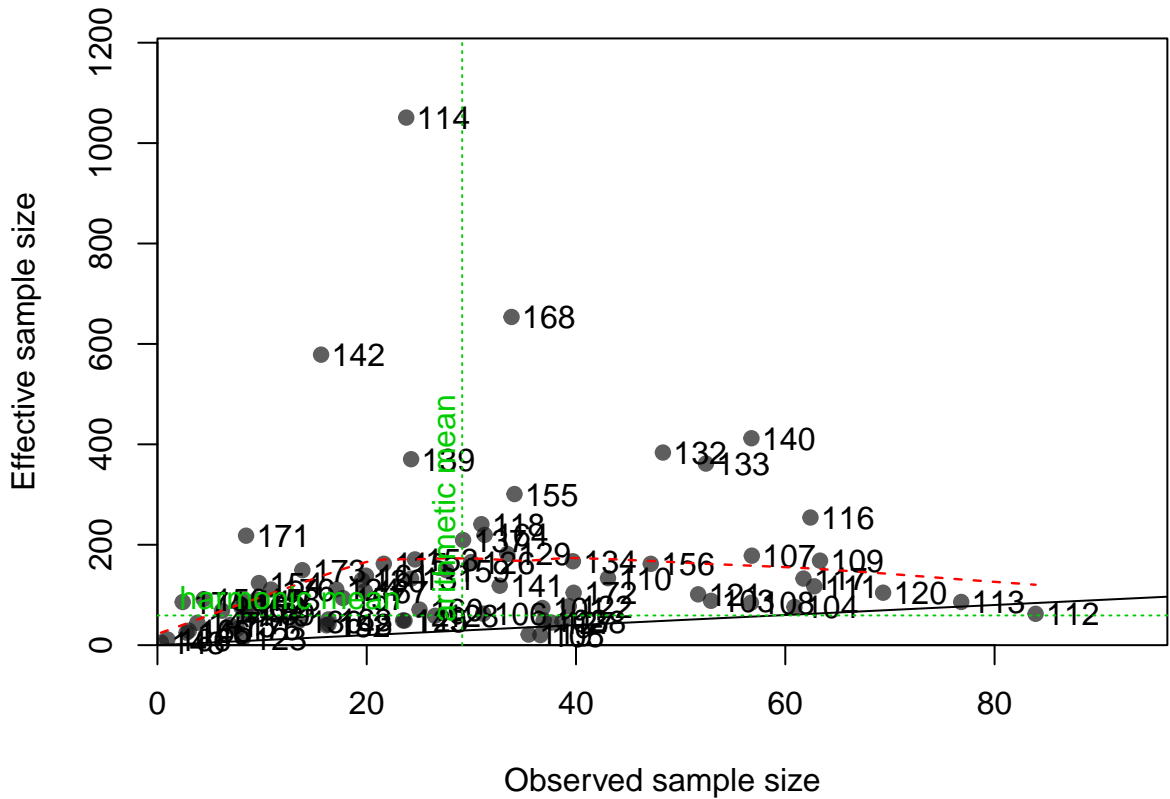


Proportion

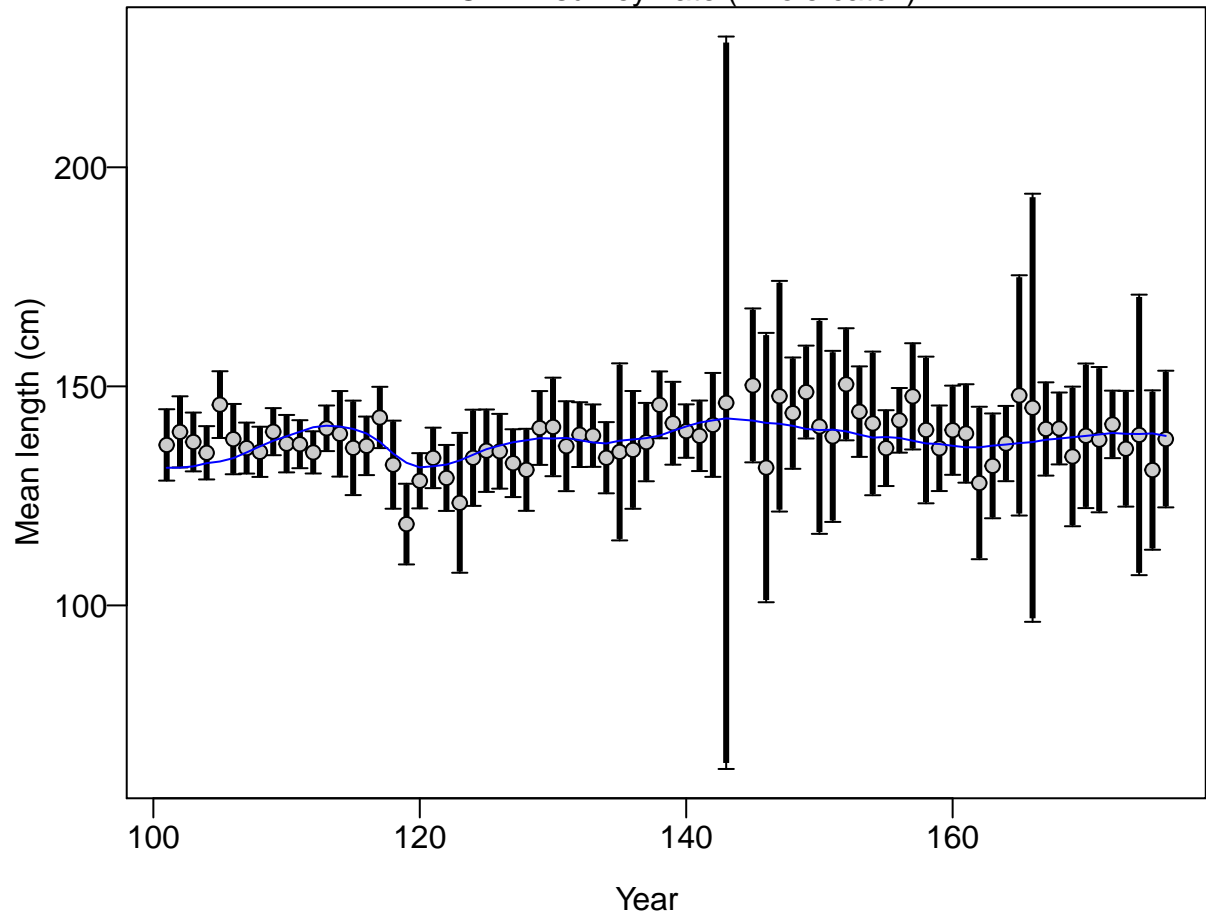


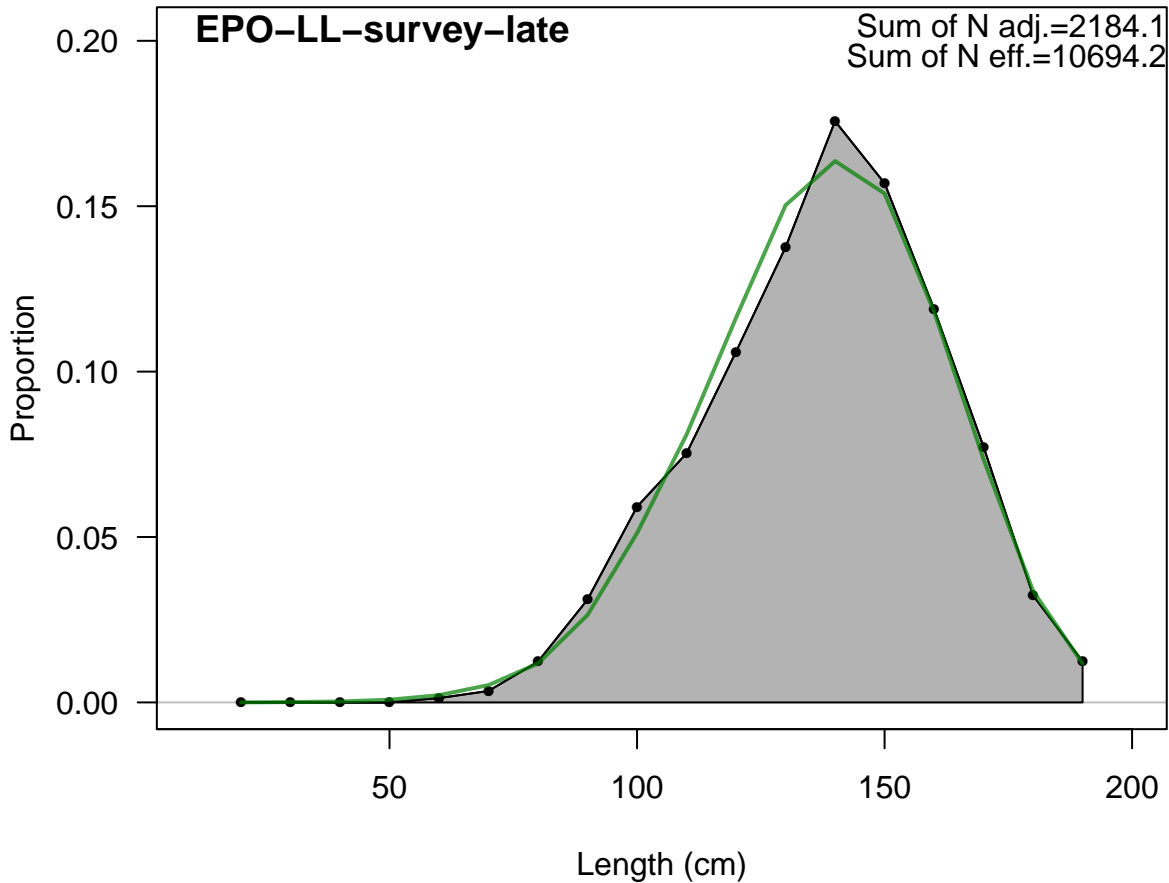
Length (cm)

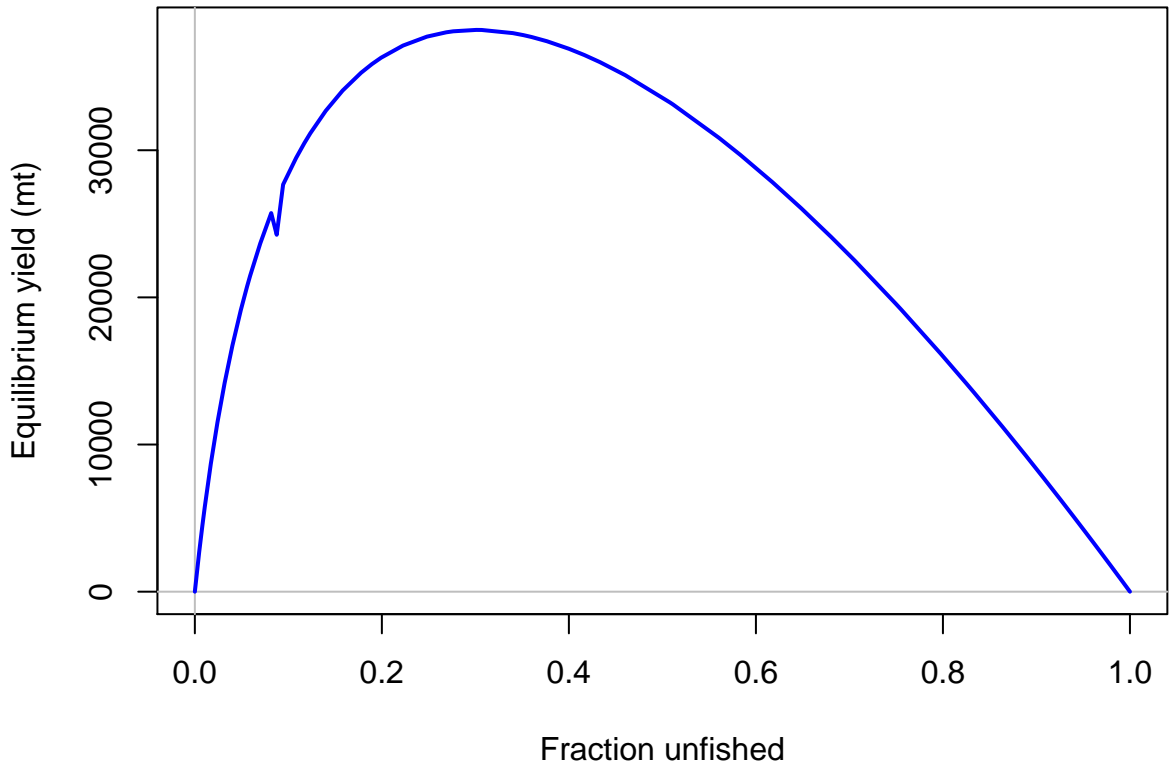


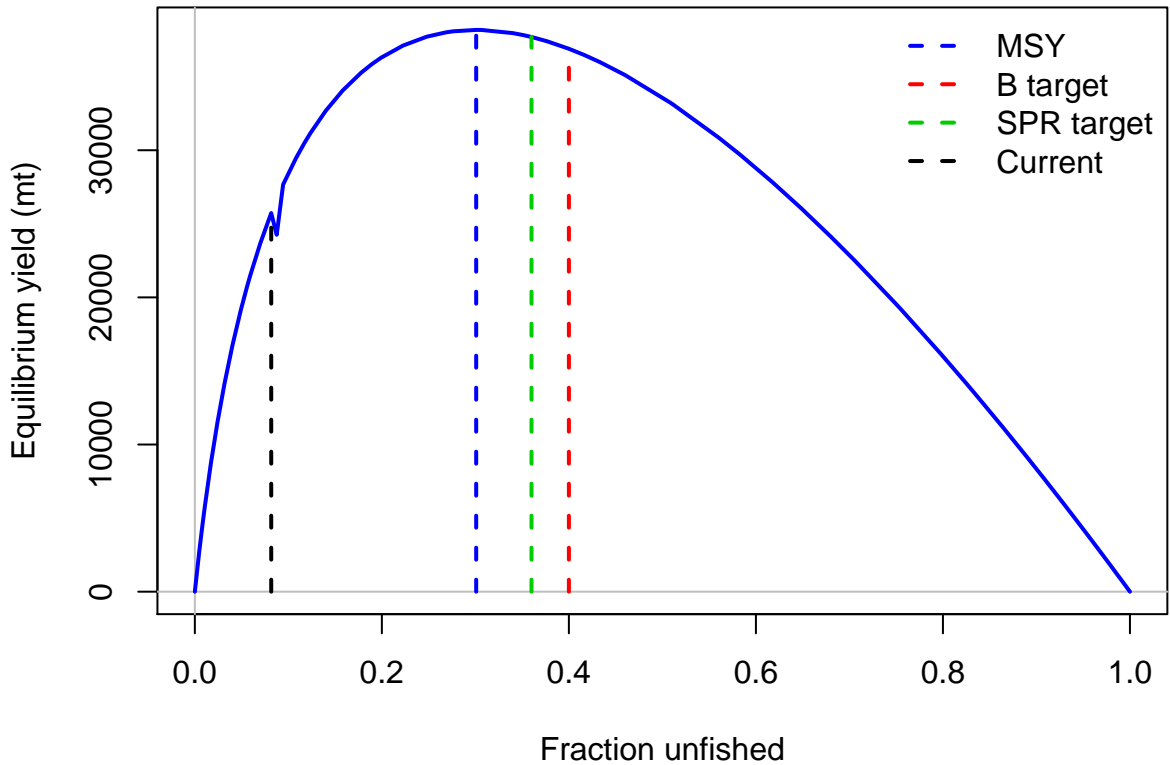


EPO-LL-survey-late (whole catch)

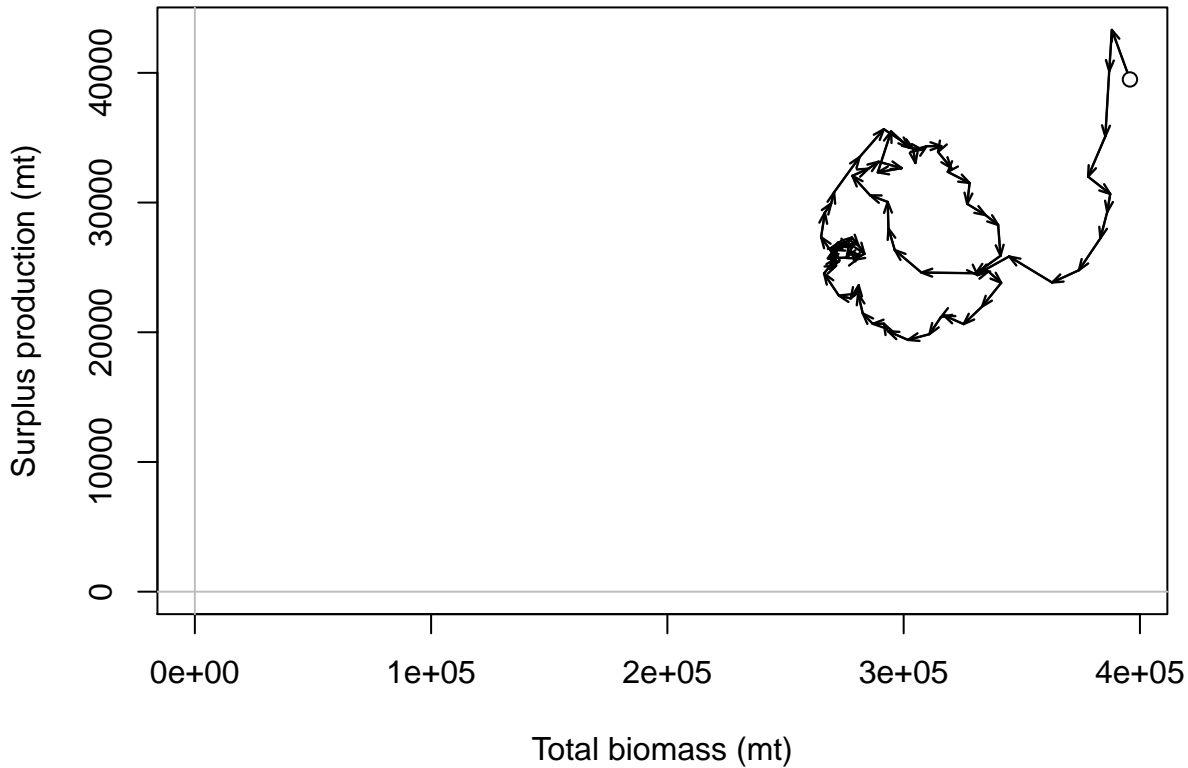


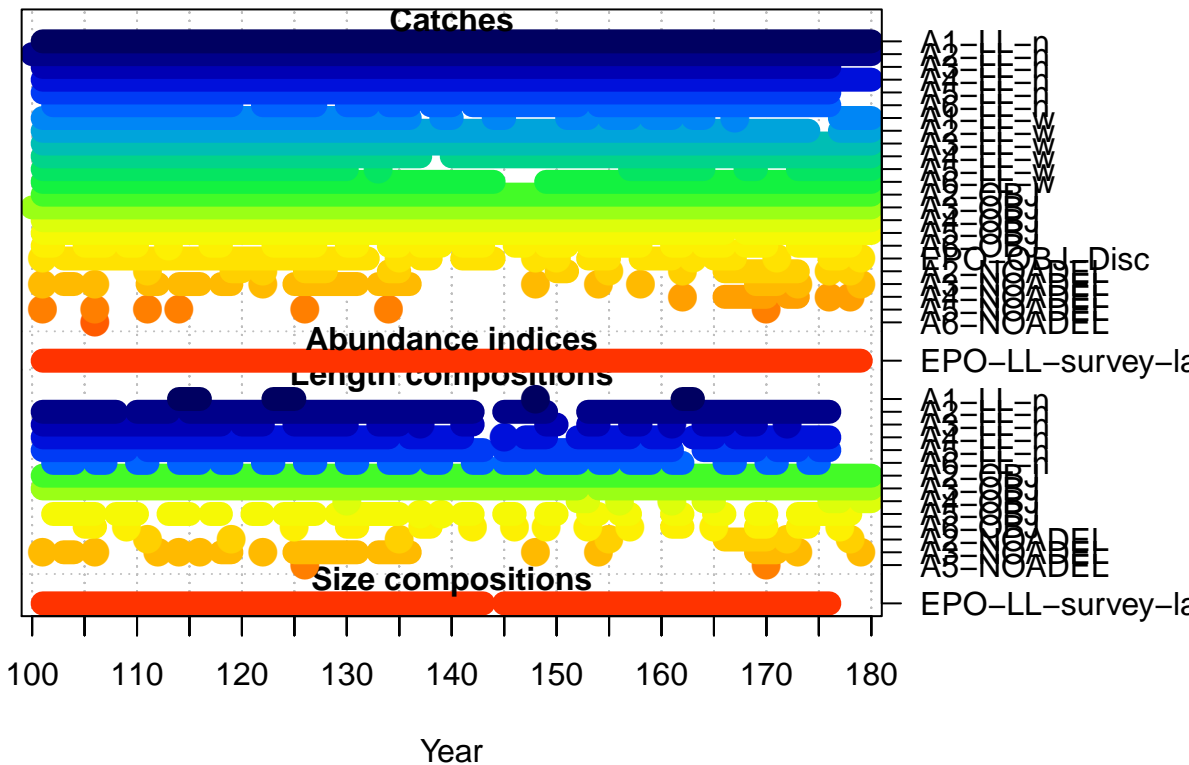


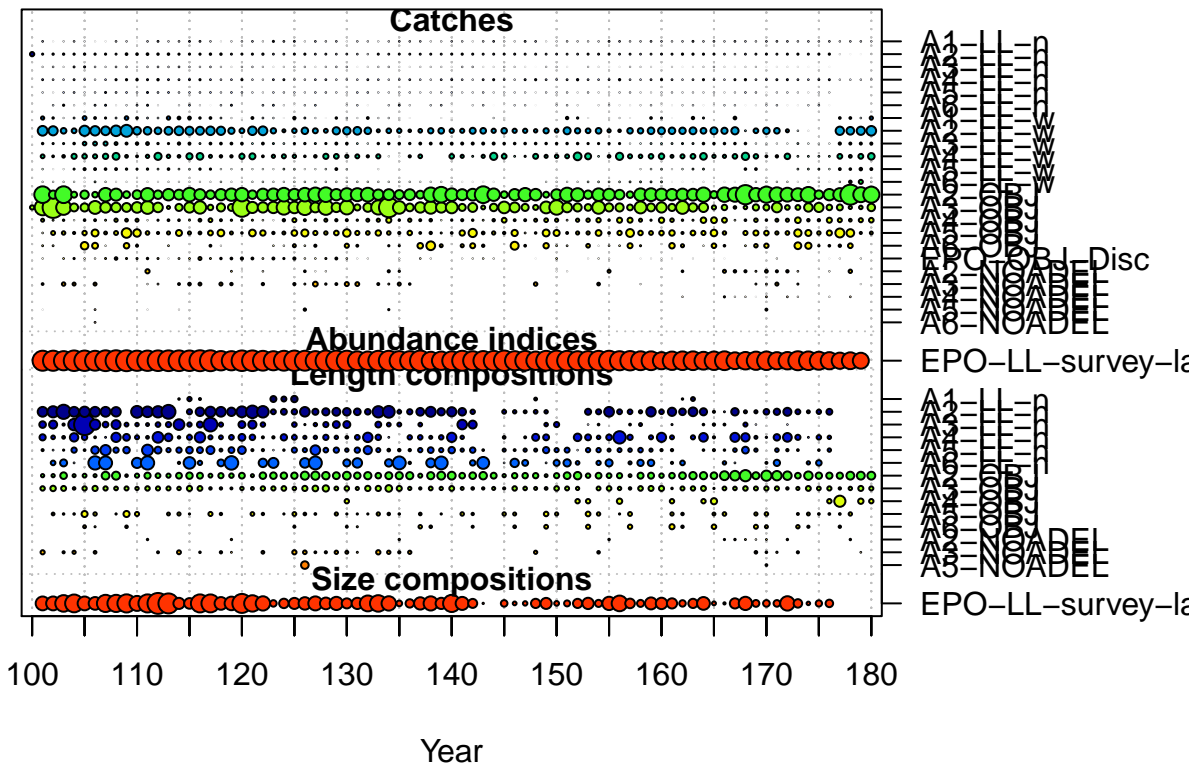


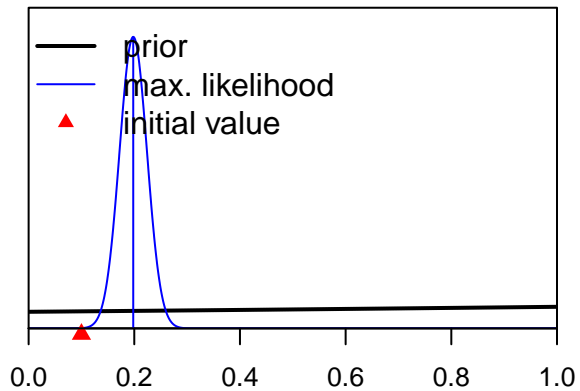
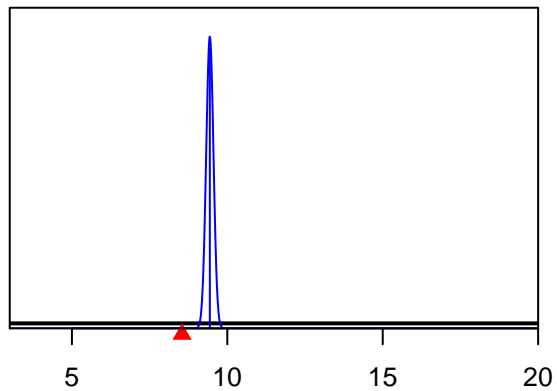
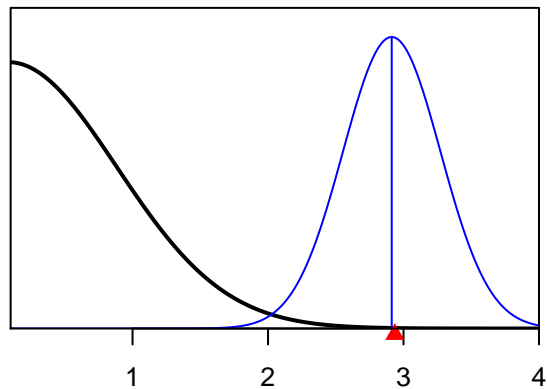
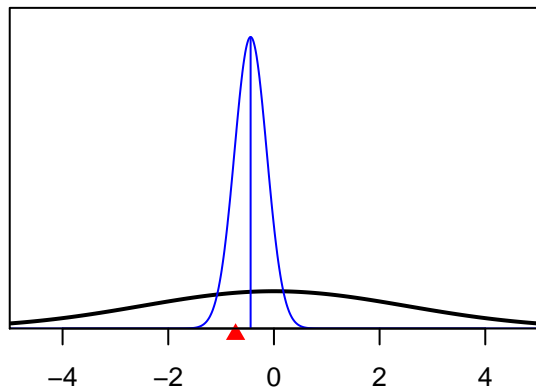




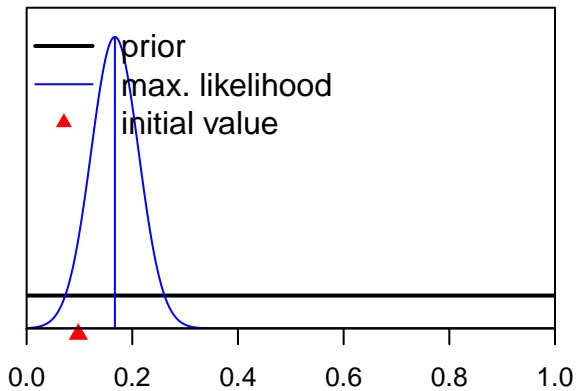
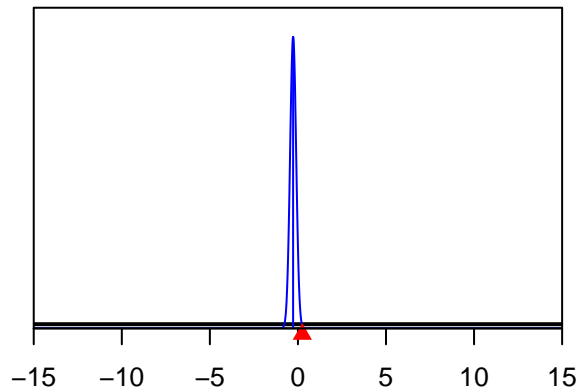
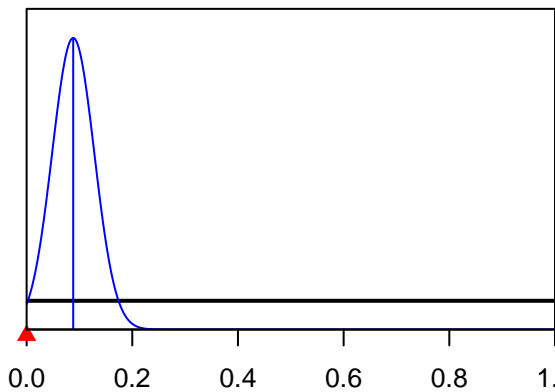
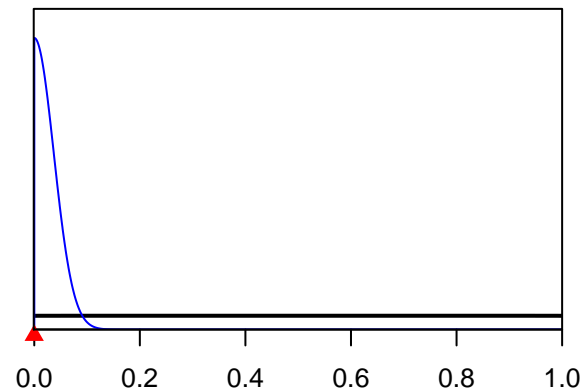






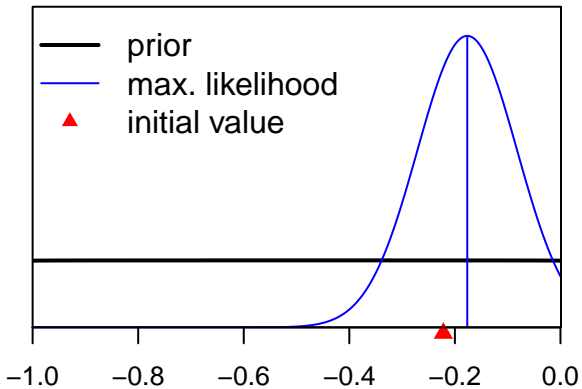
**NatM\_p\_4\_Fem\_GP\_1****SR\_LN(R0)****SD\_young\_Fem\_GP\_1****SR\_regime\_BLK1add\_100**

Parameter value

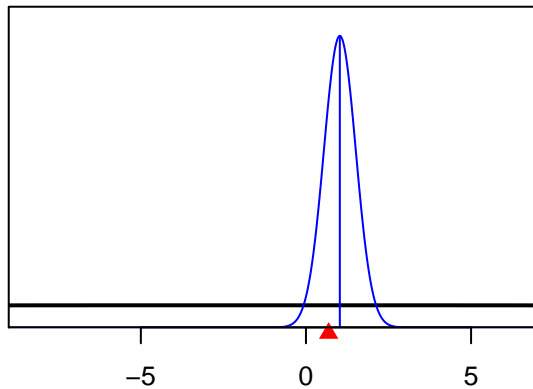
**InitF\_seas\_1\_flt\_2A2-LL-n****LnQ\_base\_EPO-LL-survey-late(24)****InitF\_seas\_1\_flt\_14A3-OBJ****SizeSpline\_GradLo\_A1-LL-n(1)**

Parameter value

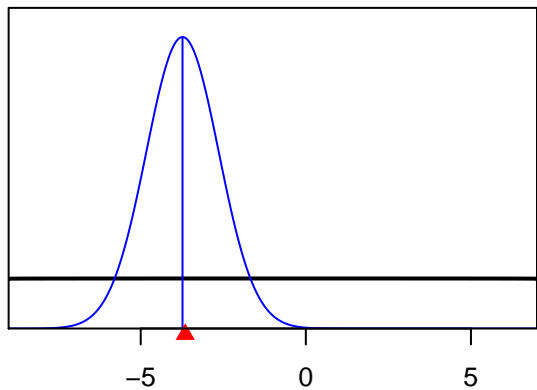
SizeSpline\_GradHi\_A1-LL-n(1)



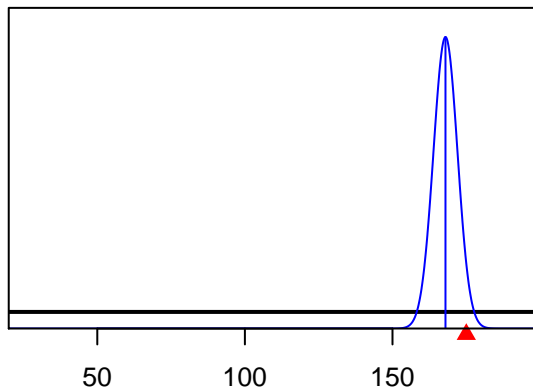
SizeSpline\_Val\_4\_A1-LL-n(1)



SizeSpline\_Val\_2\_A1-LL-n(1)

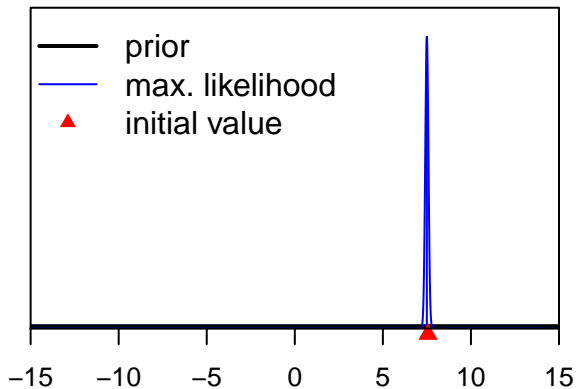


Size\_DbIN\_peak\_A2-LL-n(2)

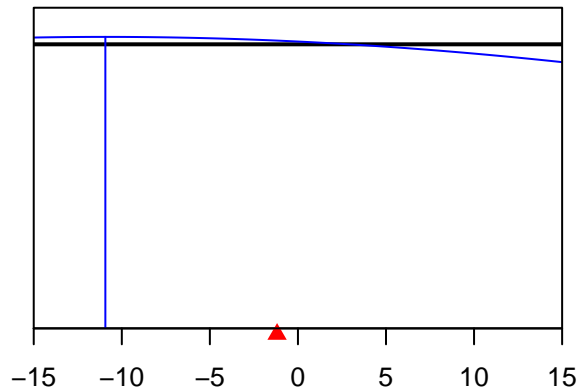


Parameter value

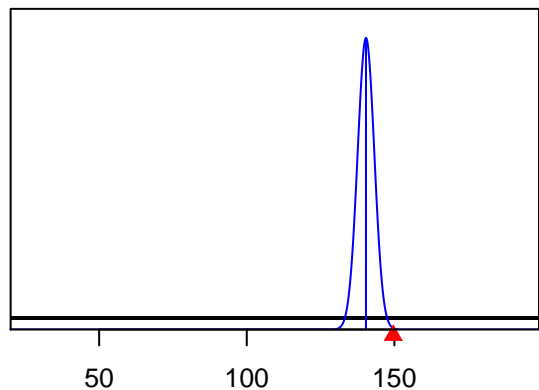
Size\_DbIN\_ascend\_se\_A2-LL-n(2)



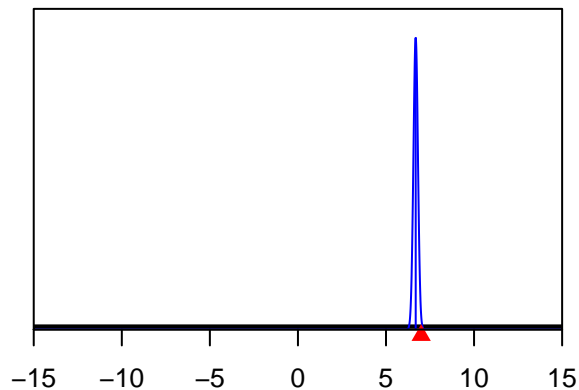
Size\_DbIN\_top\_logit\_A3-LL-n(3)



Size\_DbIN\_peak\_A3-LL-n(3)

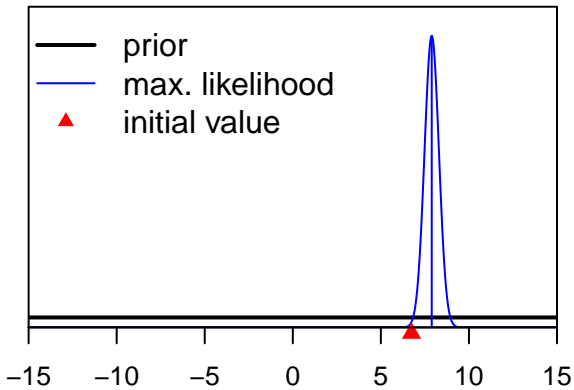


Size\_DbIN\_ascend\_se\_A3-LL-n(3)

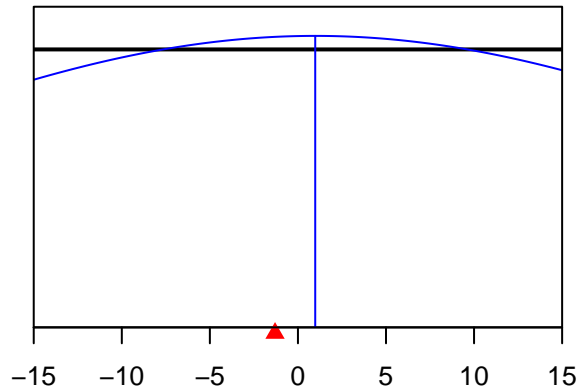


Parameter value

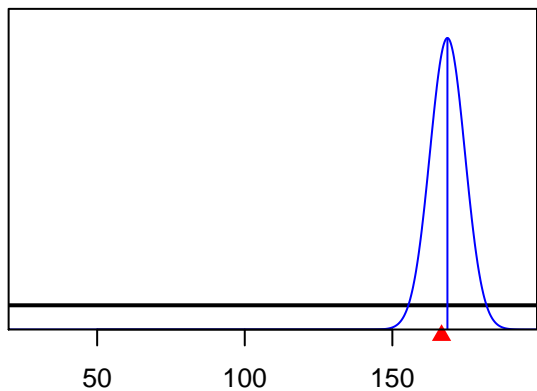
Size\_DbIN\_descend\_se\_A3-LL-n(3)



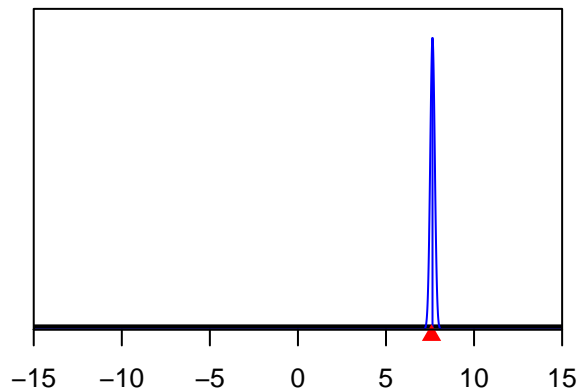
Size\_DbIN\_top\_logit\_A4-LL-n(4)



Size\_DbIN\_peak\_A4-LL-n(4)



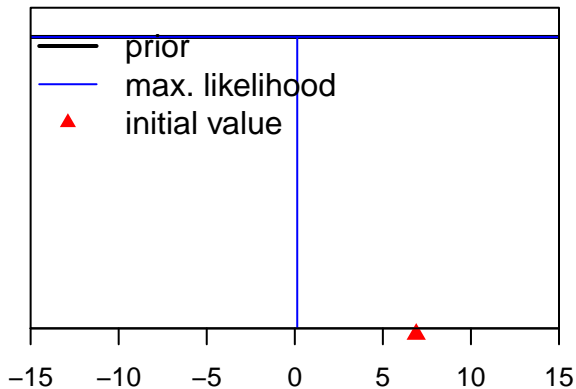
Size\_DbIN\_ascend\_se\_A4-LL-n(4)



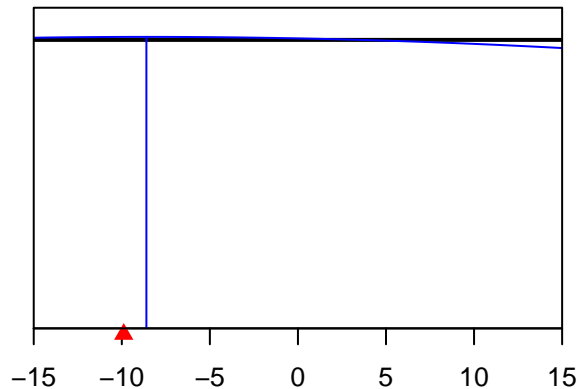
Parameter value



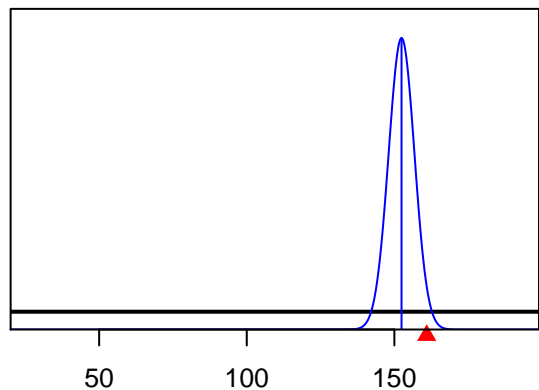
Size\_DbIN\_descend\_se\_A4-LL-n(4)



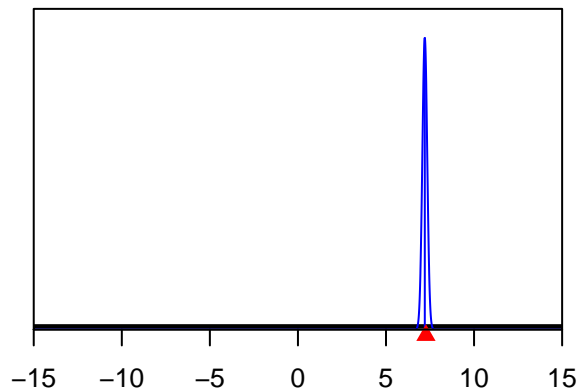
Size\_DbIN\_top\_logit\_A5-LL-n(5)



Size\_DbIN\_peak\_A5-LL-n(5)

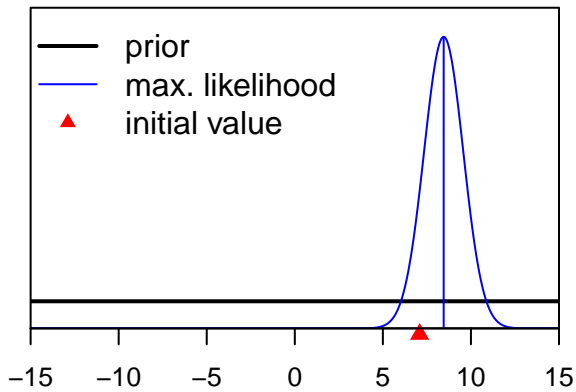


Size\_DbIN\_ascend\_se\_A5-LL-n(5)

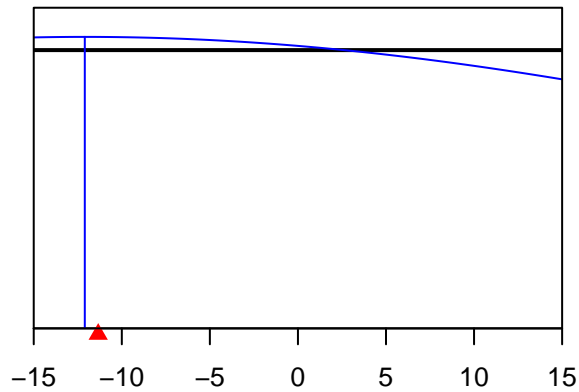


Parameter value

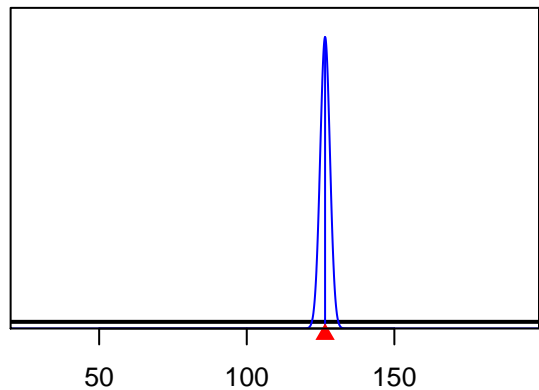
Size\_DbIN\_descend\_se\_A5-LL-n(5)



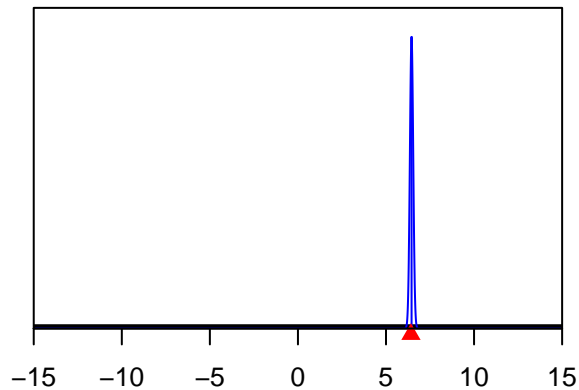
Size\_DbIN\_top\_logit\_A6-LL-n(6)



Size\_DbIN\_peak\_A6-LL-n(6)

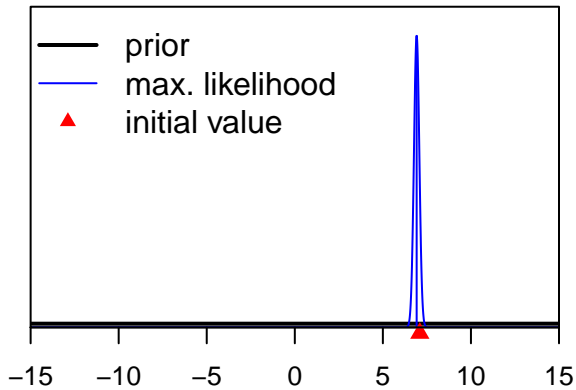


Size\_DbIN\_ascend\_se\_A6-LL-n(6)

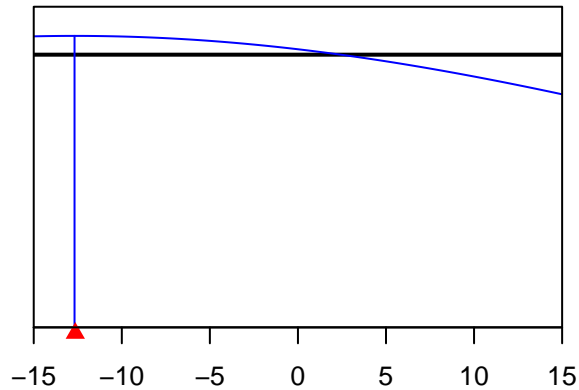


Parameter value

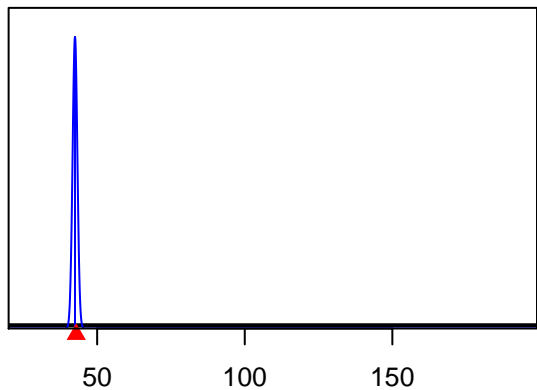
Size\_DbIN\_descend\_se\_A6-LL-n(6)



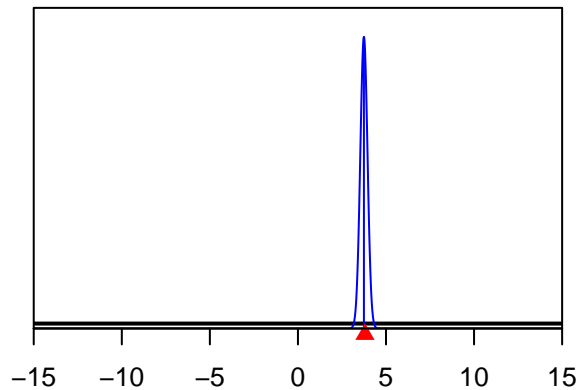
Size\_DbIN\_top\_logit\_A2-OBJ(13)



Size\_DbIN\_peak\_A2-OBJ(13)

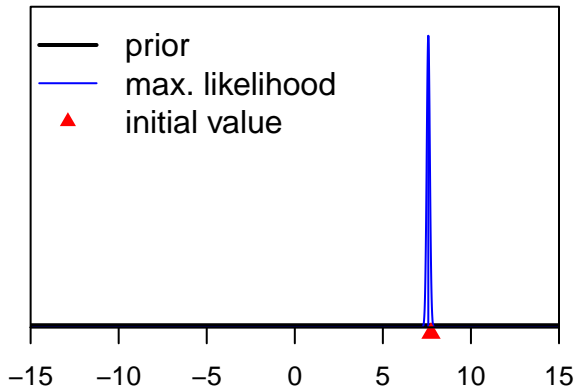


Size\_DbIN\_ascend\_se\_A2-OBJ(13)

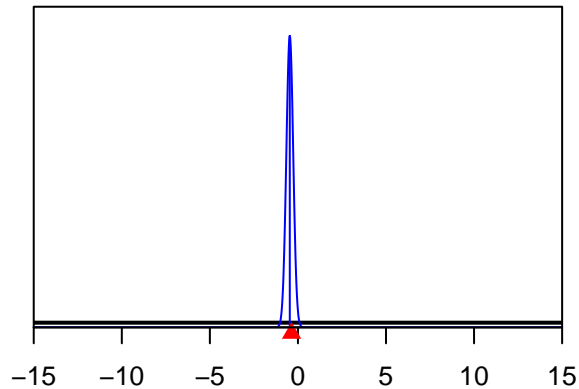


Parameter value

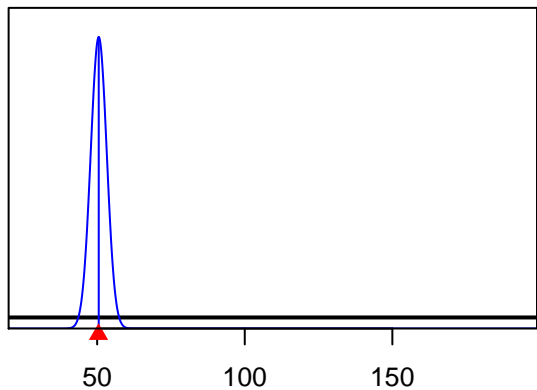
Size\_DbIN\_descend\_se\_A2-Obj(13)



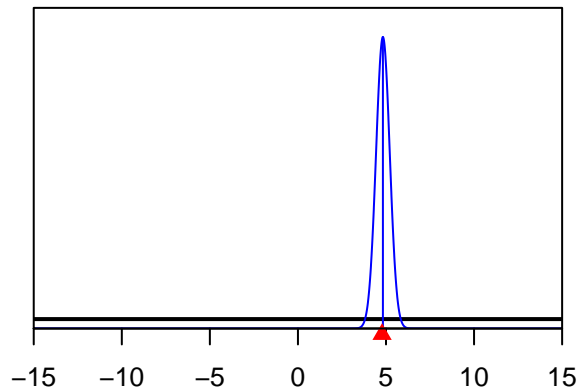
Size\_DbIN\_top\_logit\_A3-Obj(14)



Size\_DbIN\_peak\_A3-Obj(14)

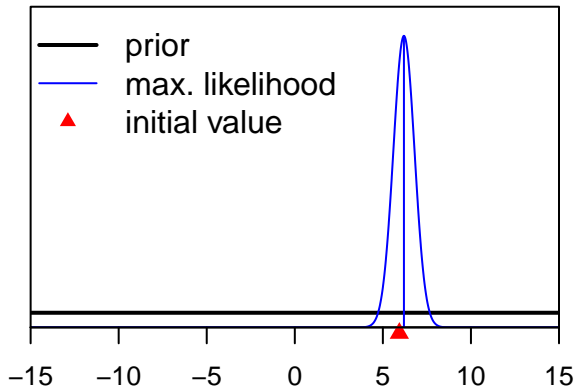


Size\_DbIN\_ascend\_se\_A3-Obj(14)

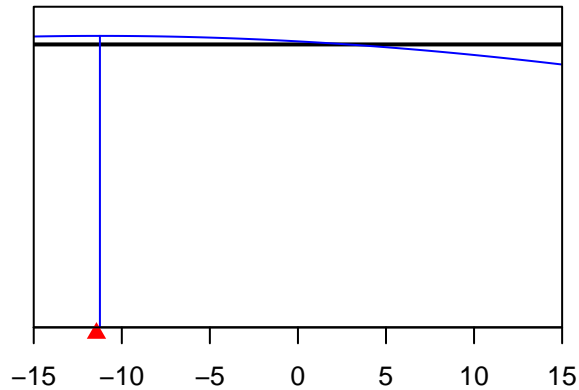


Parameter value

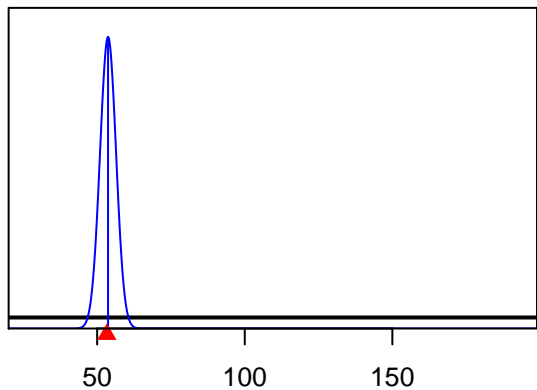
Size\_DbIN\_descend\_se\_A3-Obj(14)



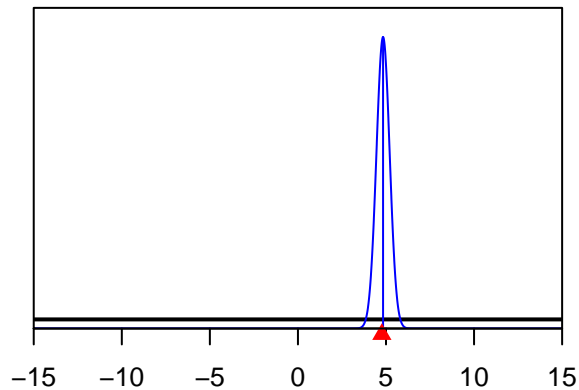
Size\_DbIN\_top\_logit\_A4-Obj(15)



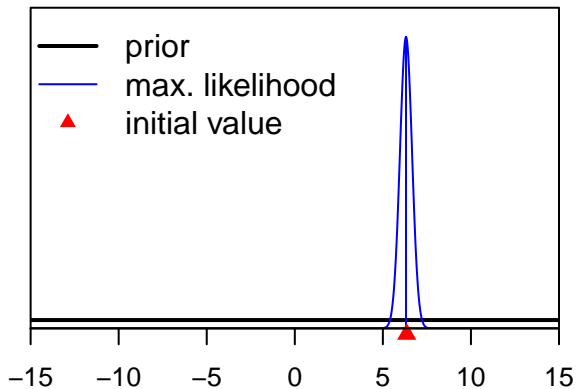
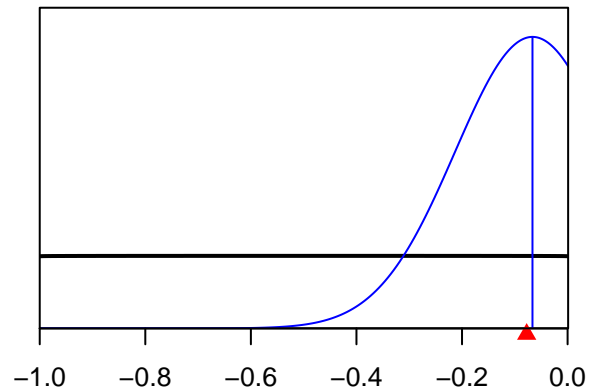
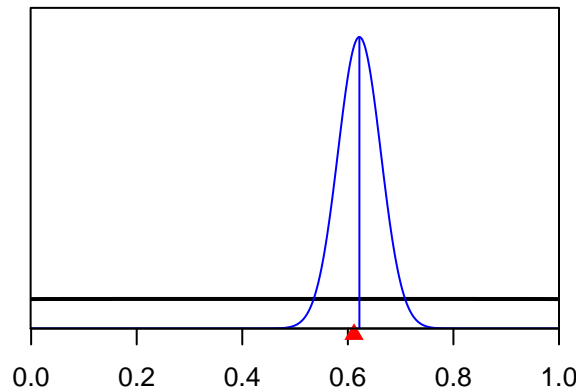
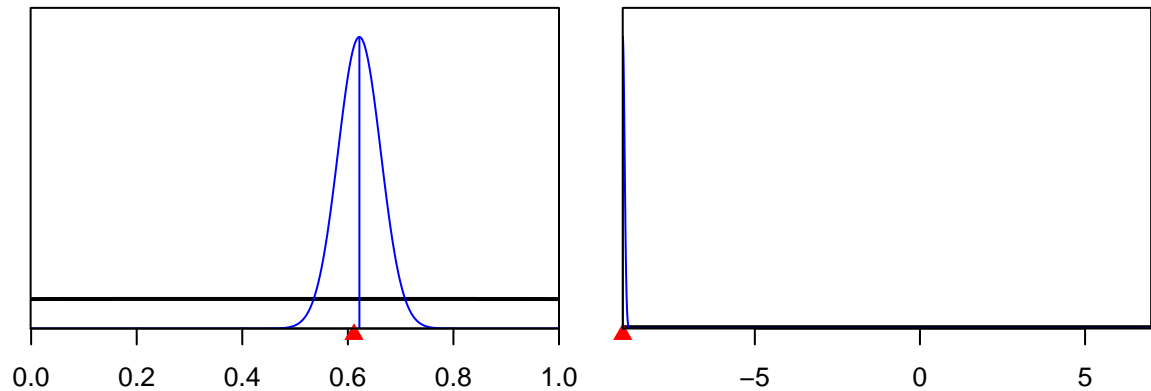
Size\_DbIN\_peak\_A4-Obj(15)



Size\_DbIN\_ascend\_se\_A4-Obj(15)

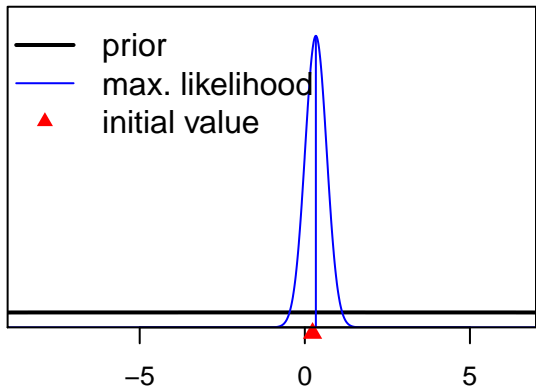


Parameter value

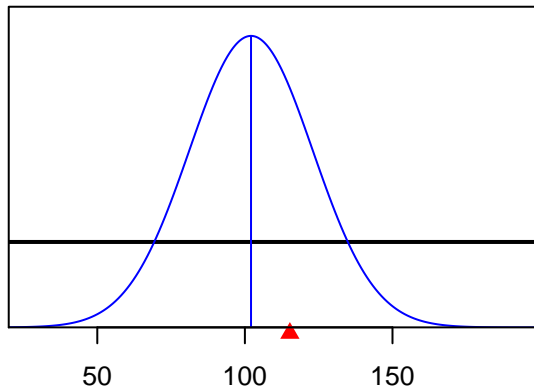
**Size\_DblN\_descend\_se\_A4-Obj(15)****SizeSpline\_GradHi\_A5-Obj(16)****SizeSpline\_GradLo\_A5-Obj(16)****SizeSpline\_Val\_1\_A5-Obj(16)**

Parameter value

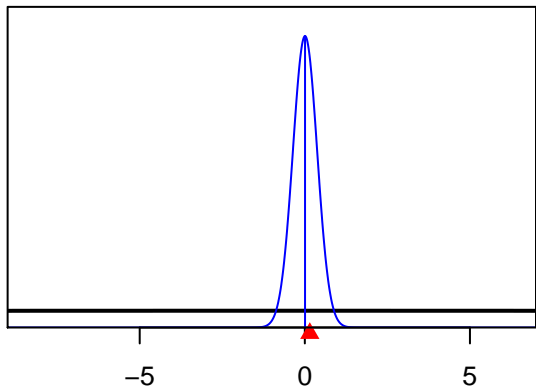
SizeSpline\_Val\_2\_A5-OBJ(16)



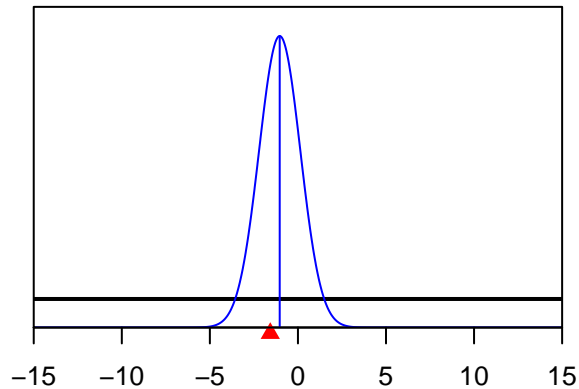
Size\_DblN\_peak\_A6-OBJ(17)



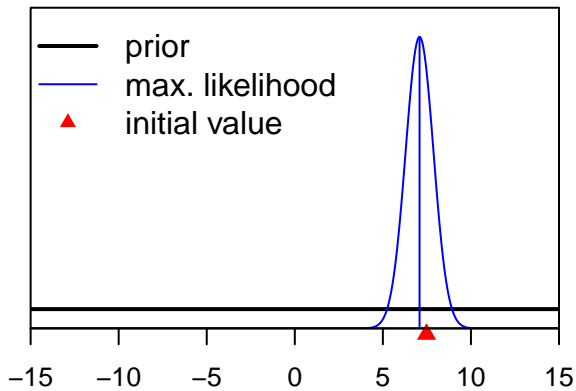
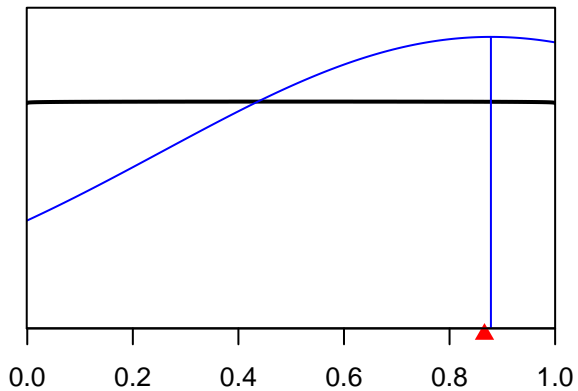
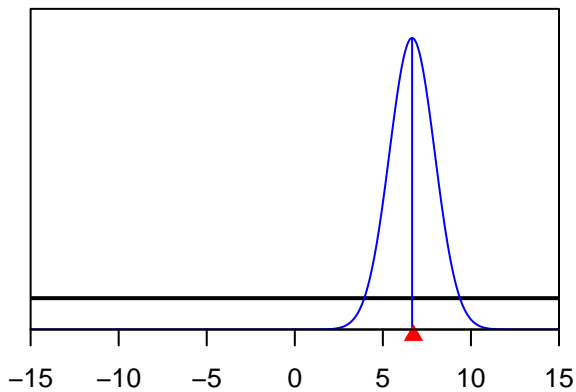
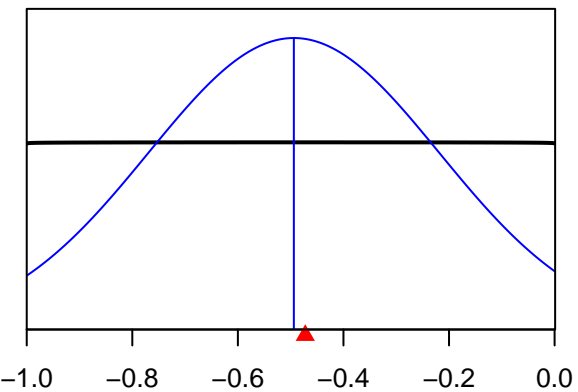
SizeSpline\_Val\_4\_A5-OBJ(16)



Size\_DblN\_top\_logit\_A6-OBJ(17)



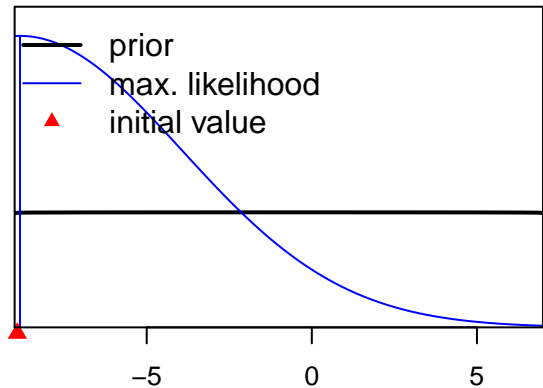
Parameter value

**Size\_DbIN\_ascend\_se\_A6-OBJ(17)****SizeSpline\_GradLo\_A2-NOADEL(19)****Size\_DbIN\_descend\_se\_A6-OBJ(17)****SizeSpline\_GradHi\_A2-NOADEL(19)**

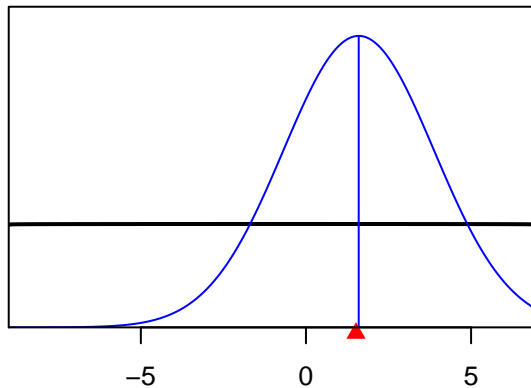
Parameter value



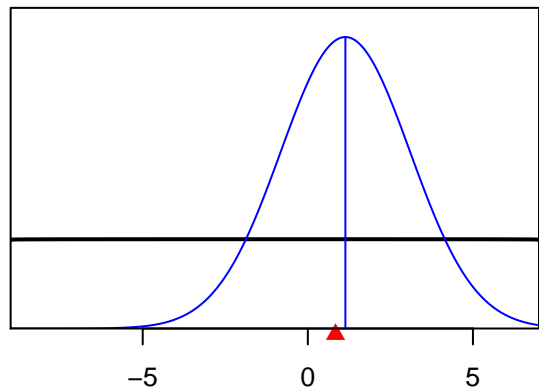
SizeSpline\_Val\_1\_A2-NOADEL(19)



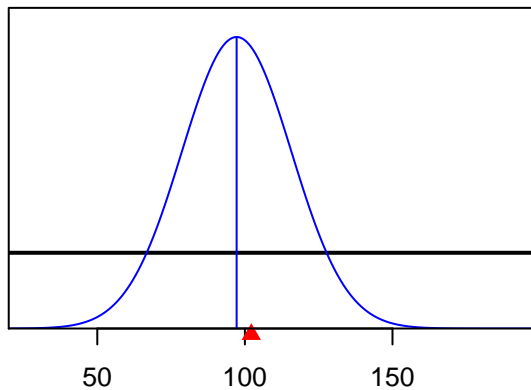
SizeSpline\_Val\_4\_A2-NOADEL(19)



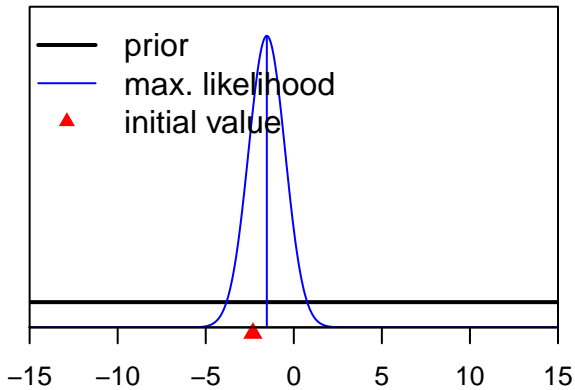
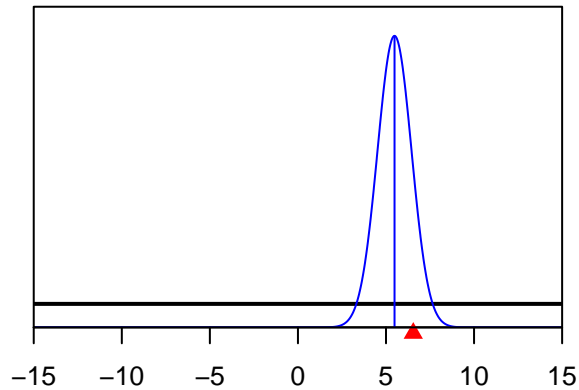
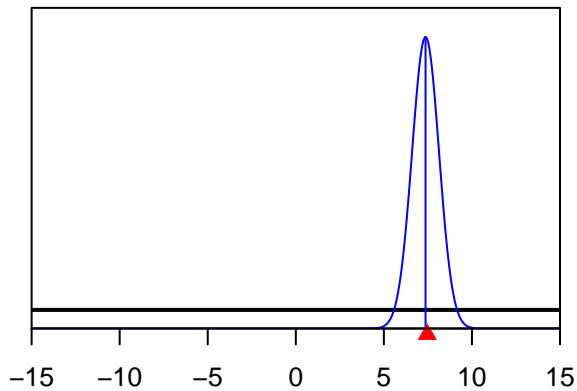
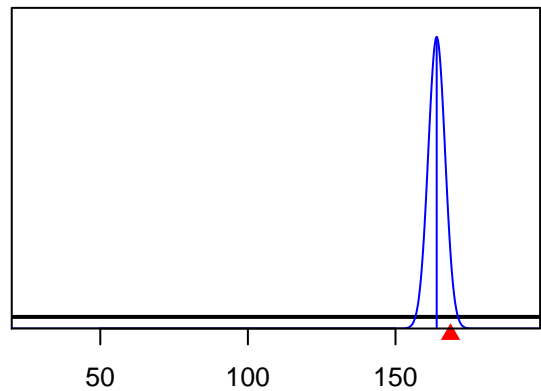
SizeSpline\_Val\_2\_A2-NOADEL(19)



Size\_DblN\_peak\_A3-NOADEL(20)

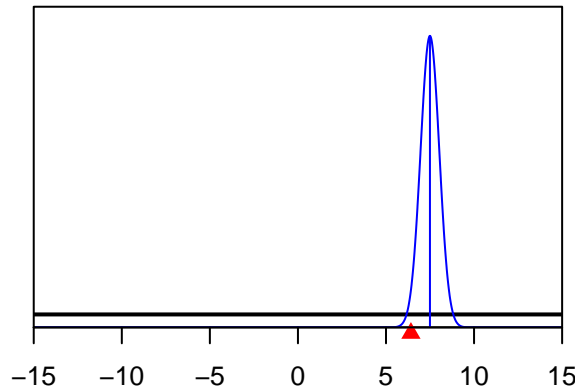
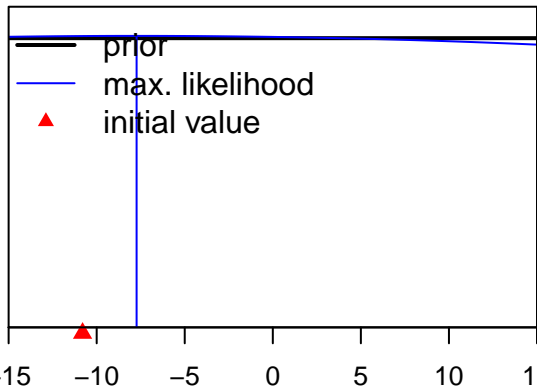


Parameter value

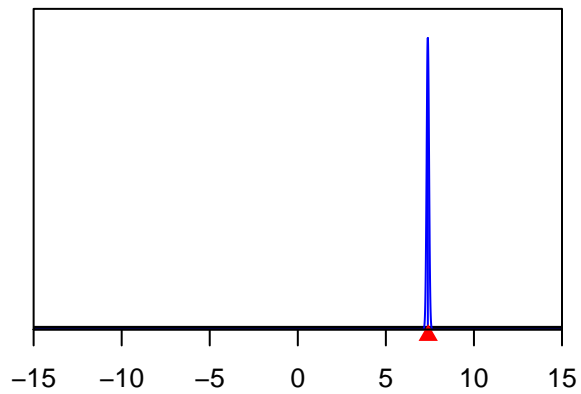
**Size\_DbIN\_top\_logit\_A3-NOADEL(20)****Size\_DbIN\_descend\_se\_A3-NOADEL(20)****Size\_DbIN\_ascend\_se\_A3-NOADEL(20)****Size\_DbIN\_peak\_EPO-LL-survey-late(24)**

Parameter value

Size\_DbIN\_top\_logit\_EPO-LL-survey-late(24)ize\_DbIN\_descend\_se\_EPO-LL-survey-late(24)



Size\_DbIN\_ascend\_se\_EPO-LL-survey-late(24)



Parameter value