

Plots created using the 'r4ss' package in R

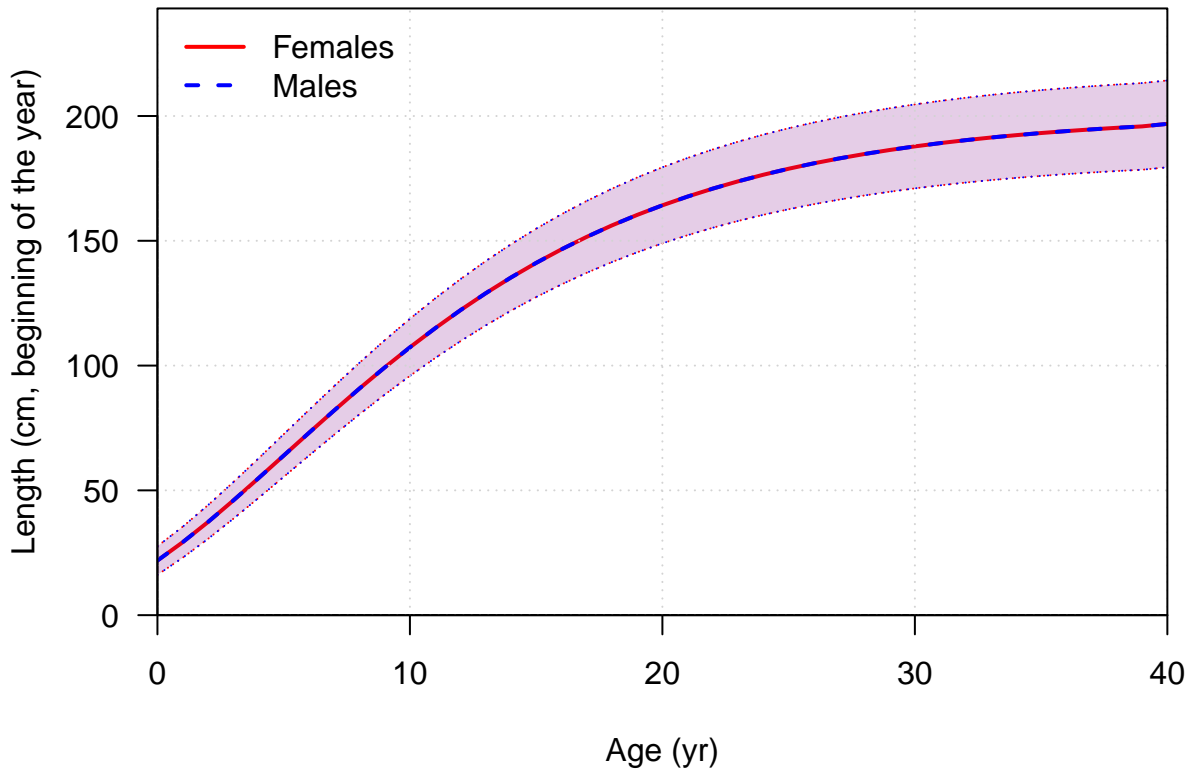
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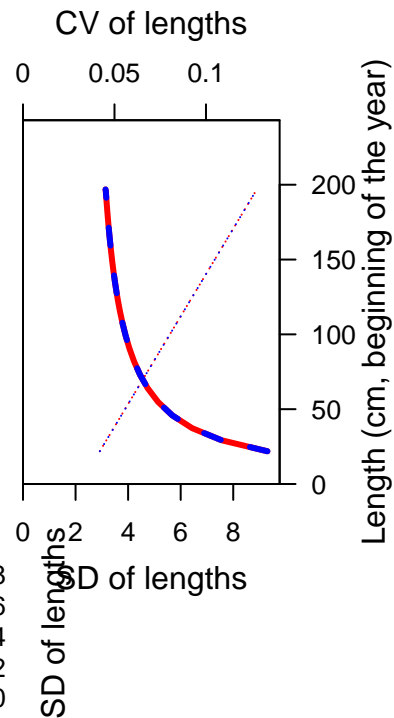
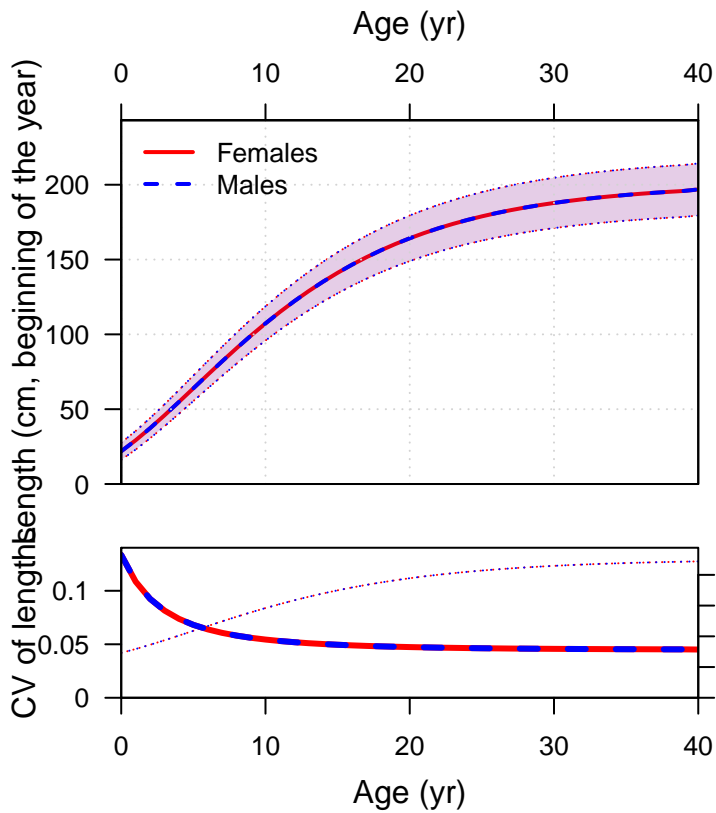
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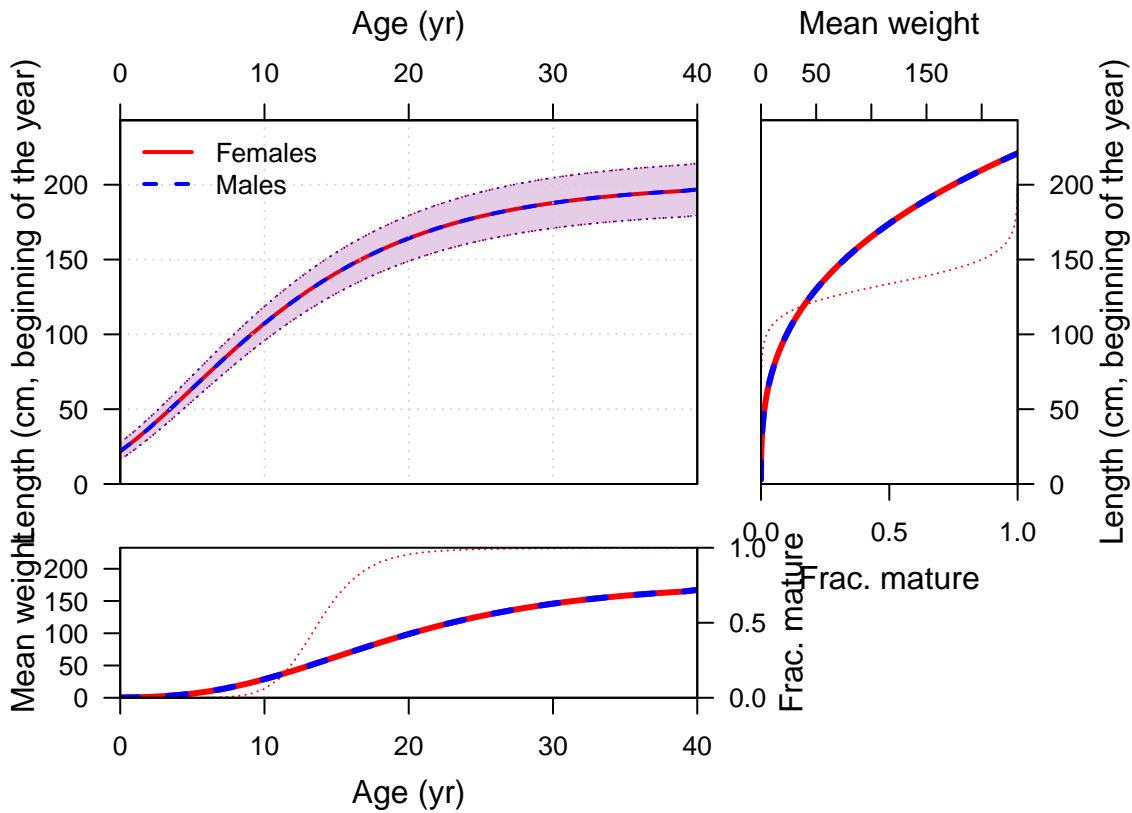
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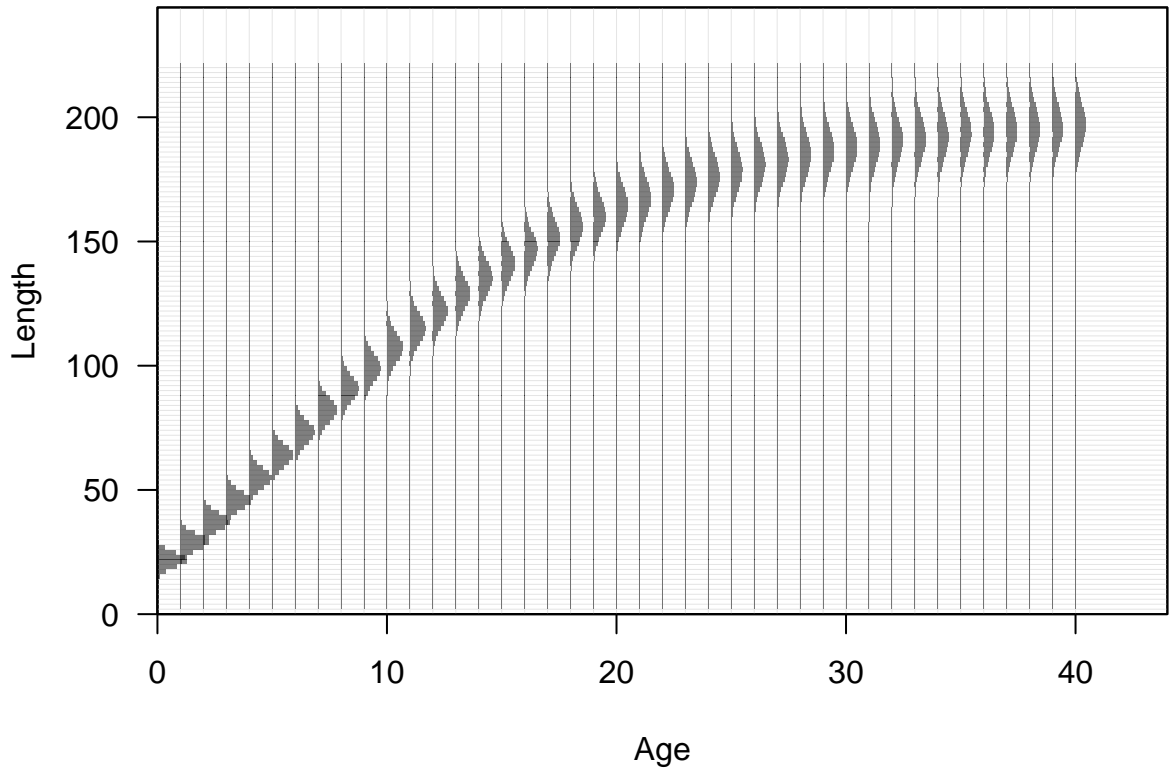
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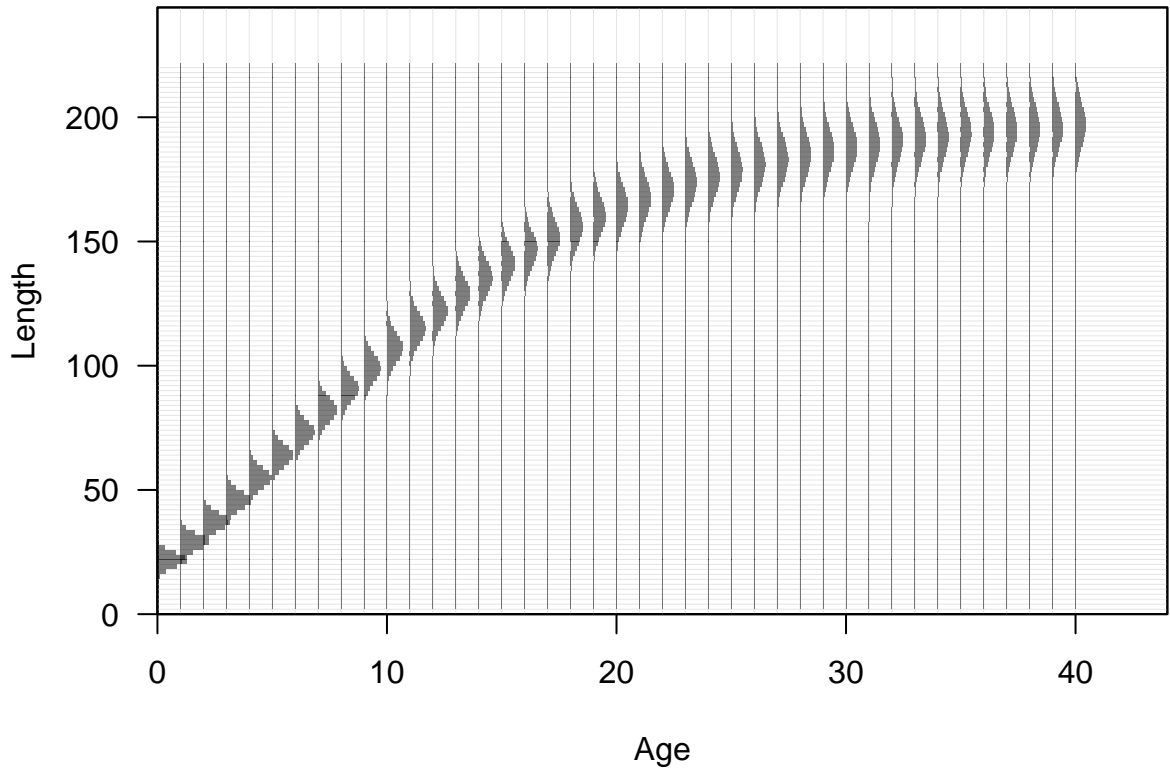
## Ending year expected growth (with 95% intervals)

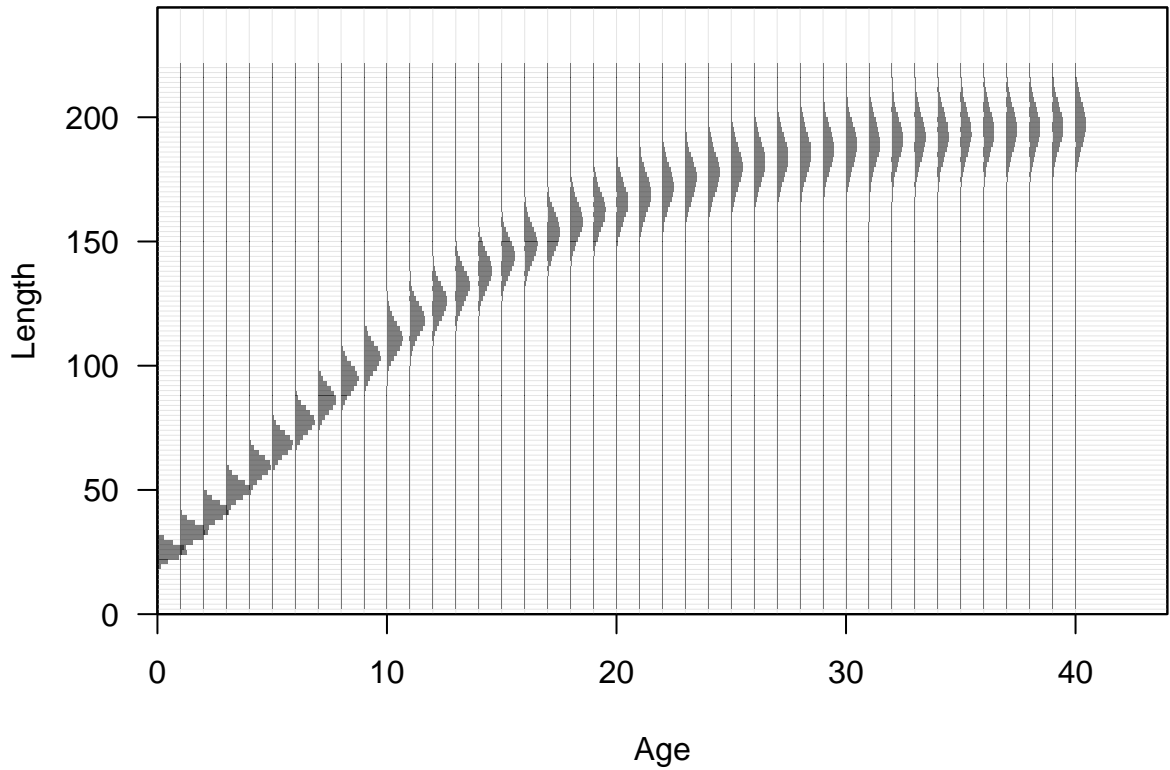


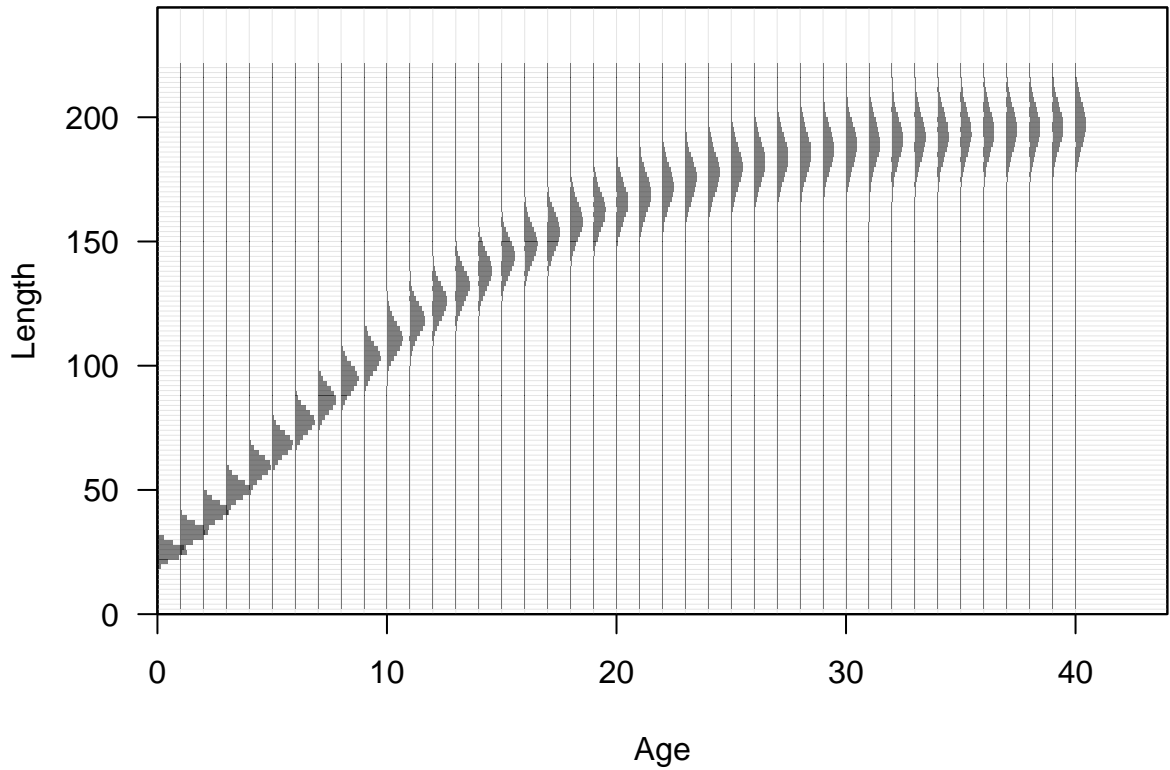




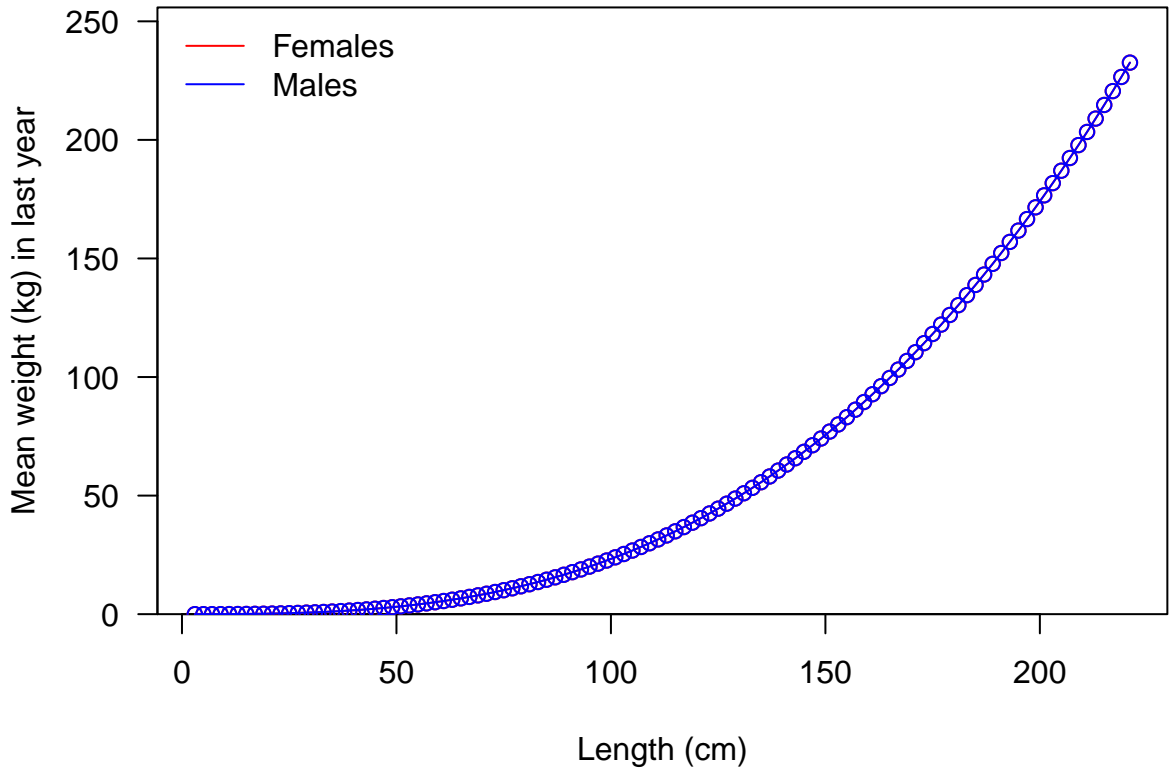


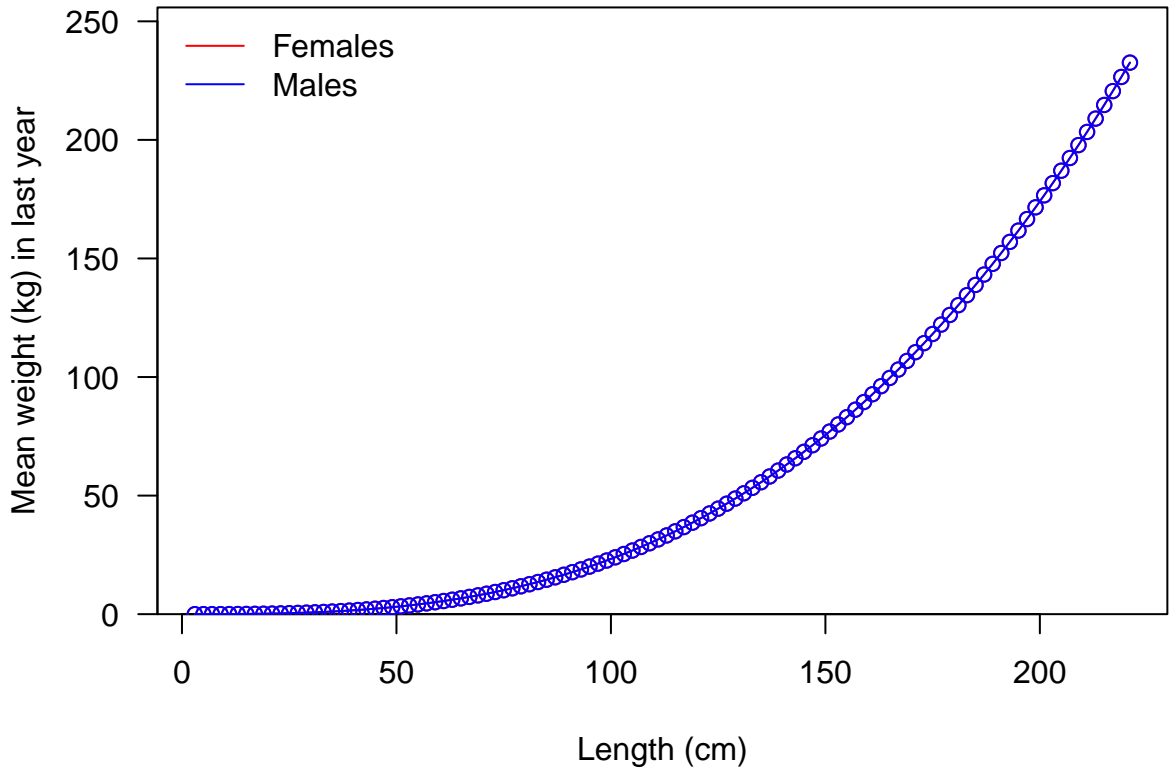


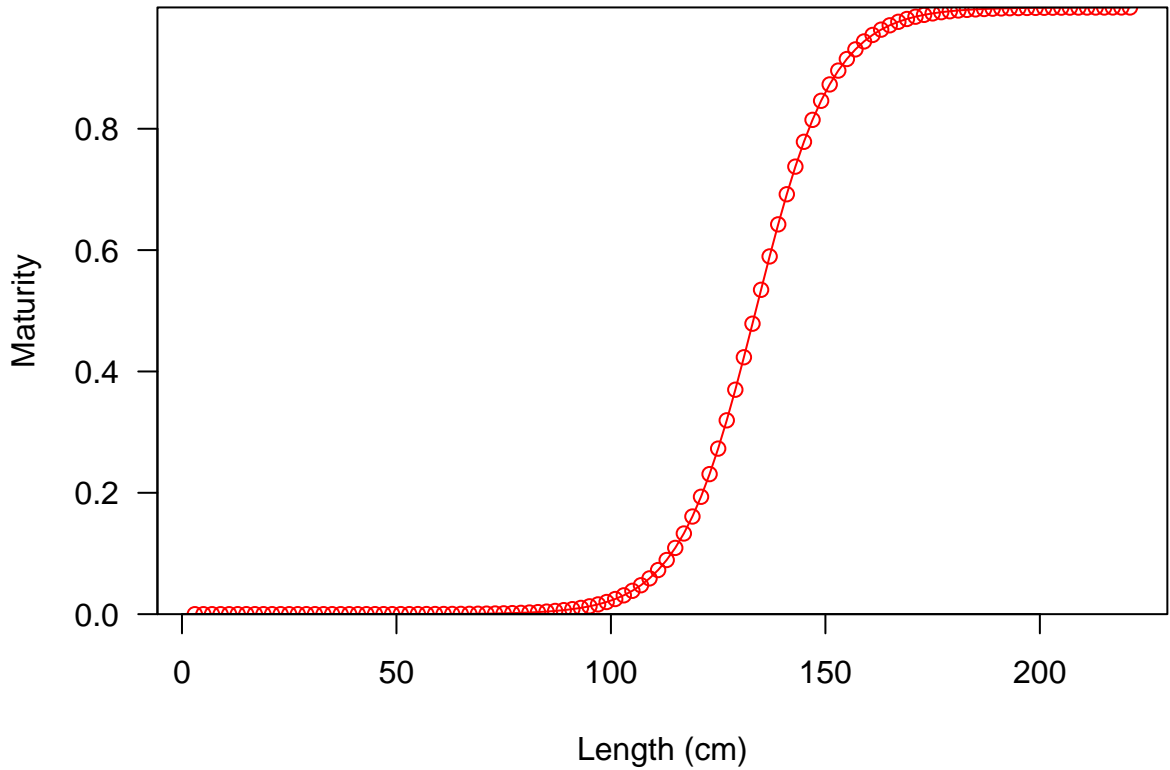


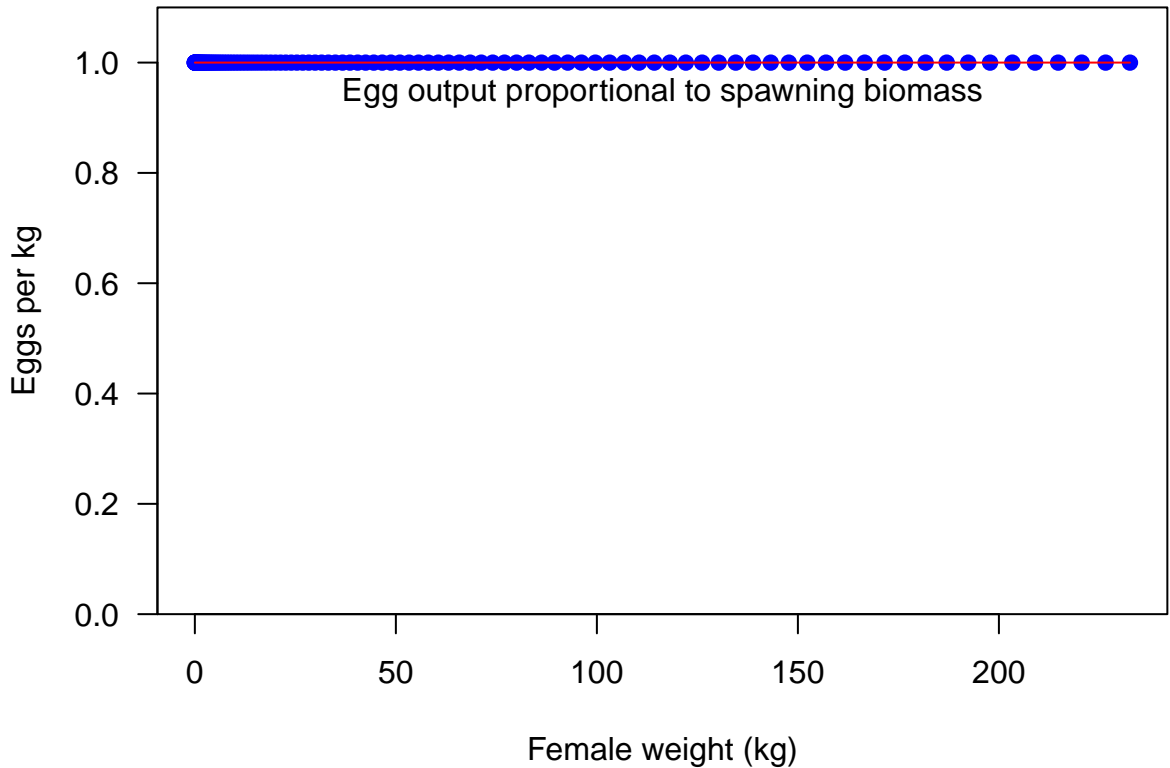


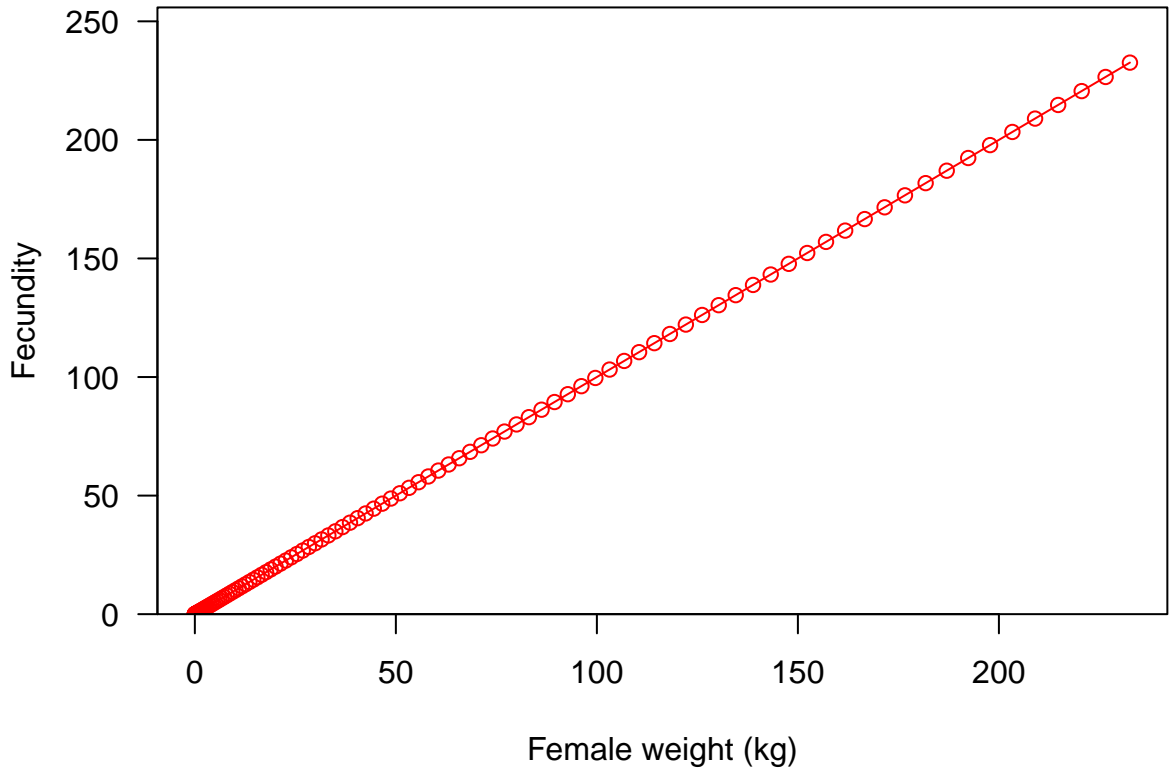


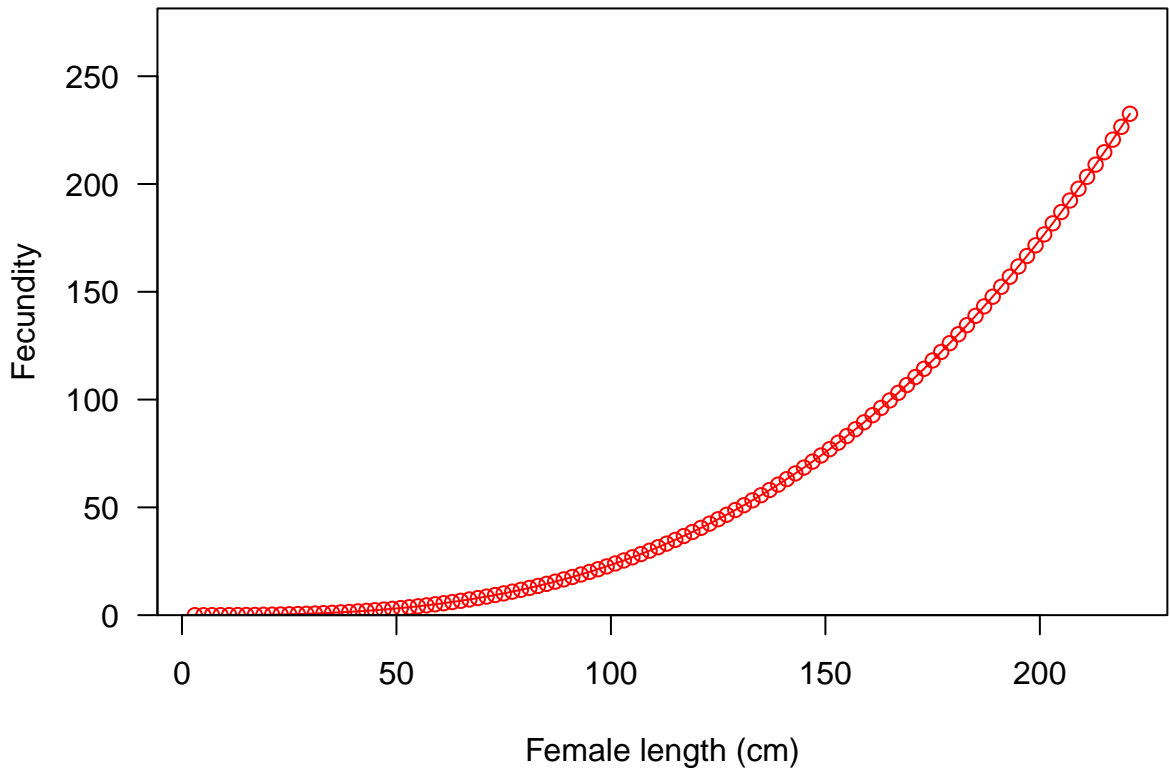


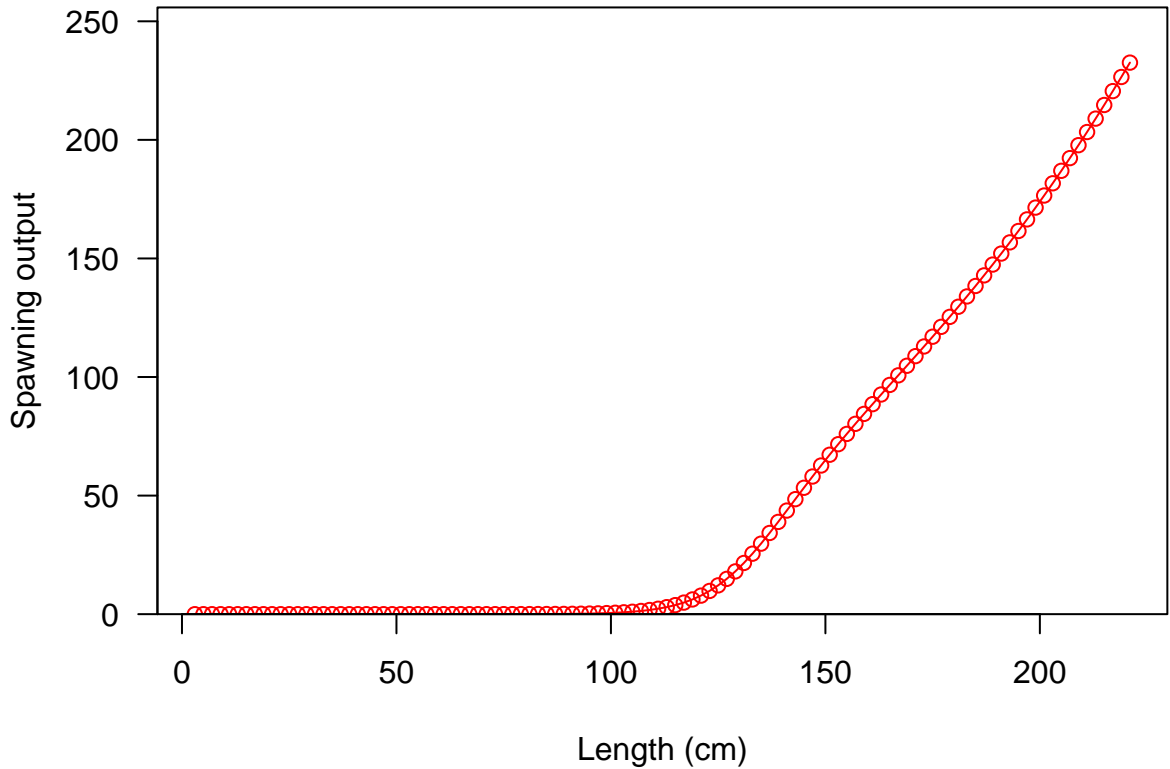


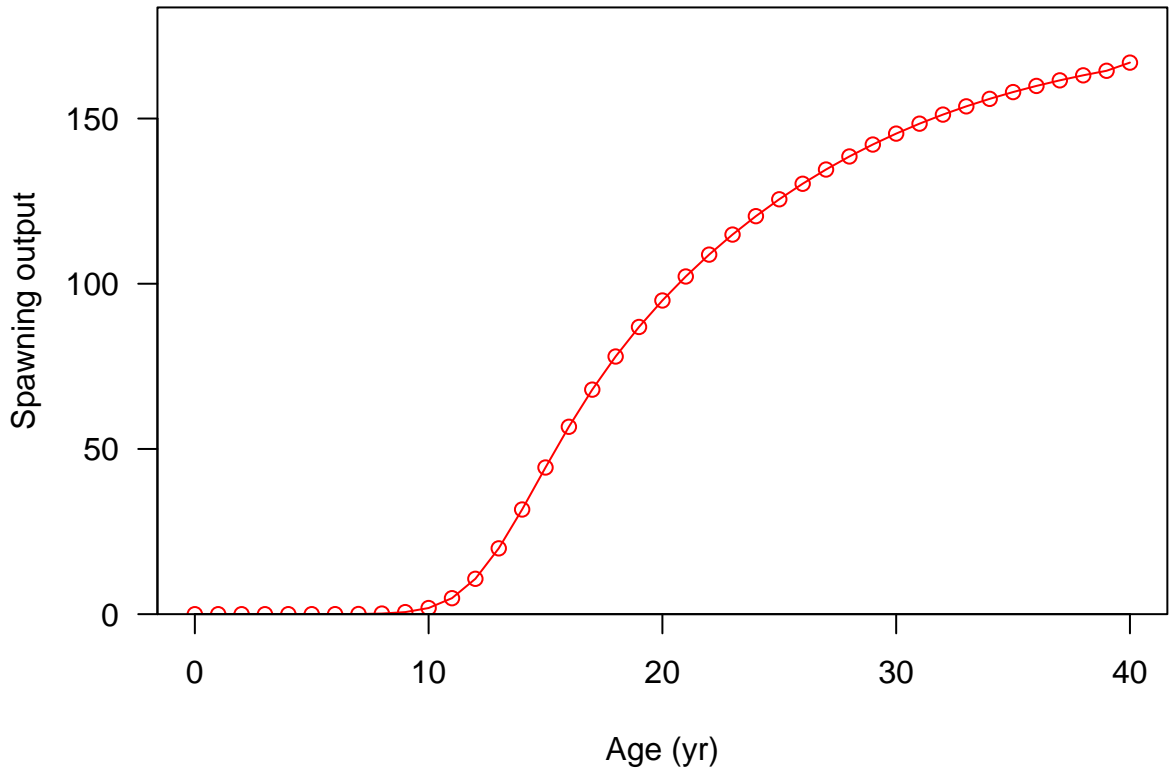






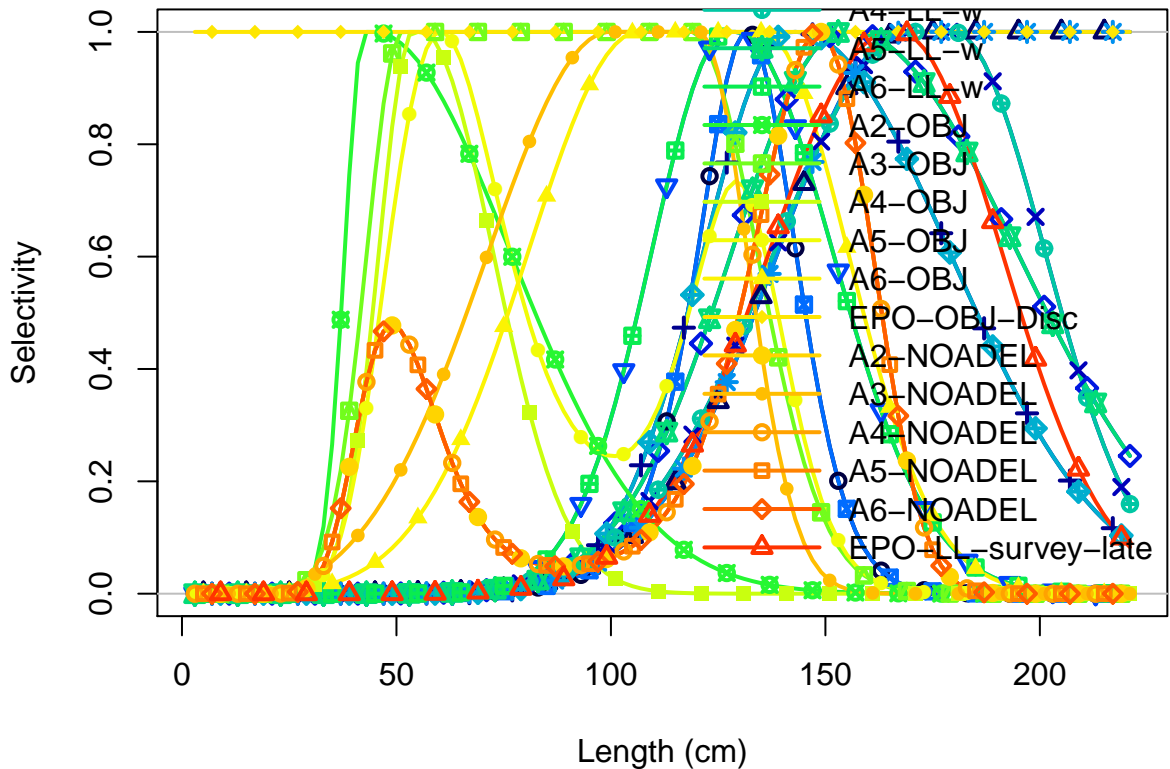




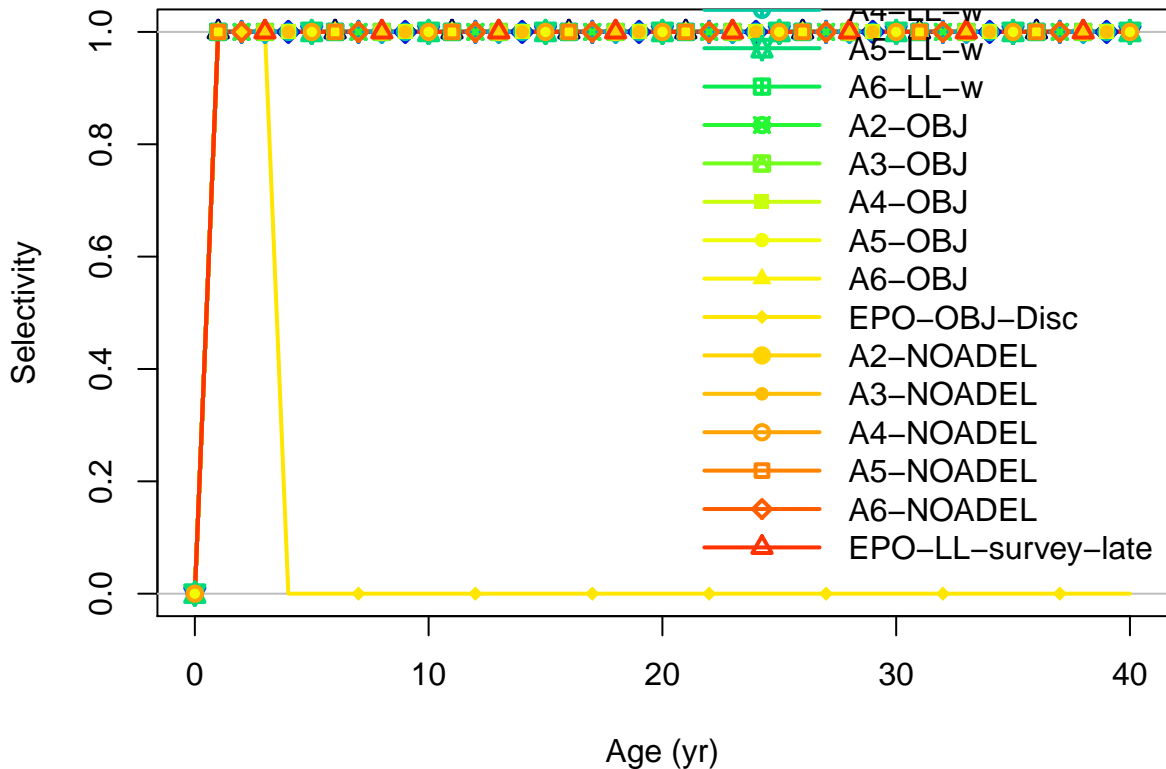




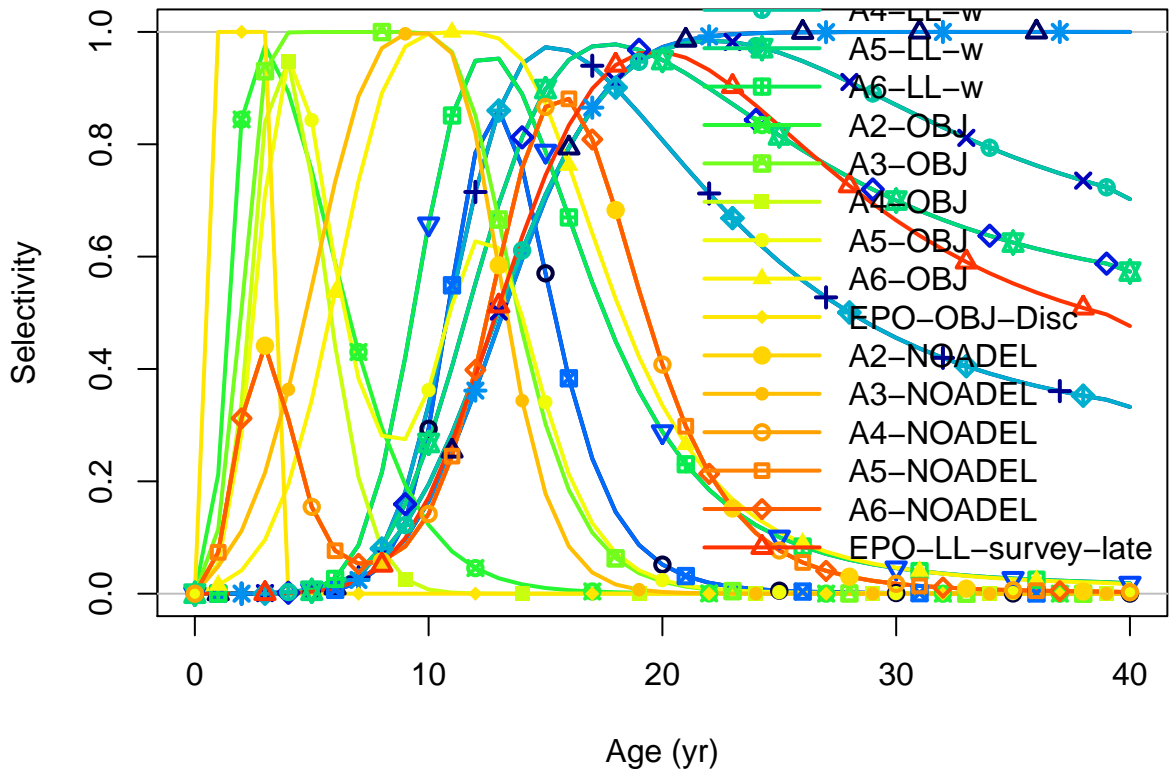
# Length-based selectivity by fleet in 180



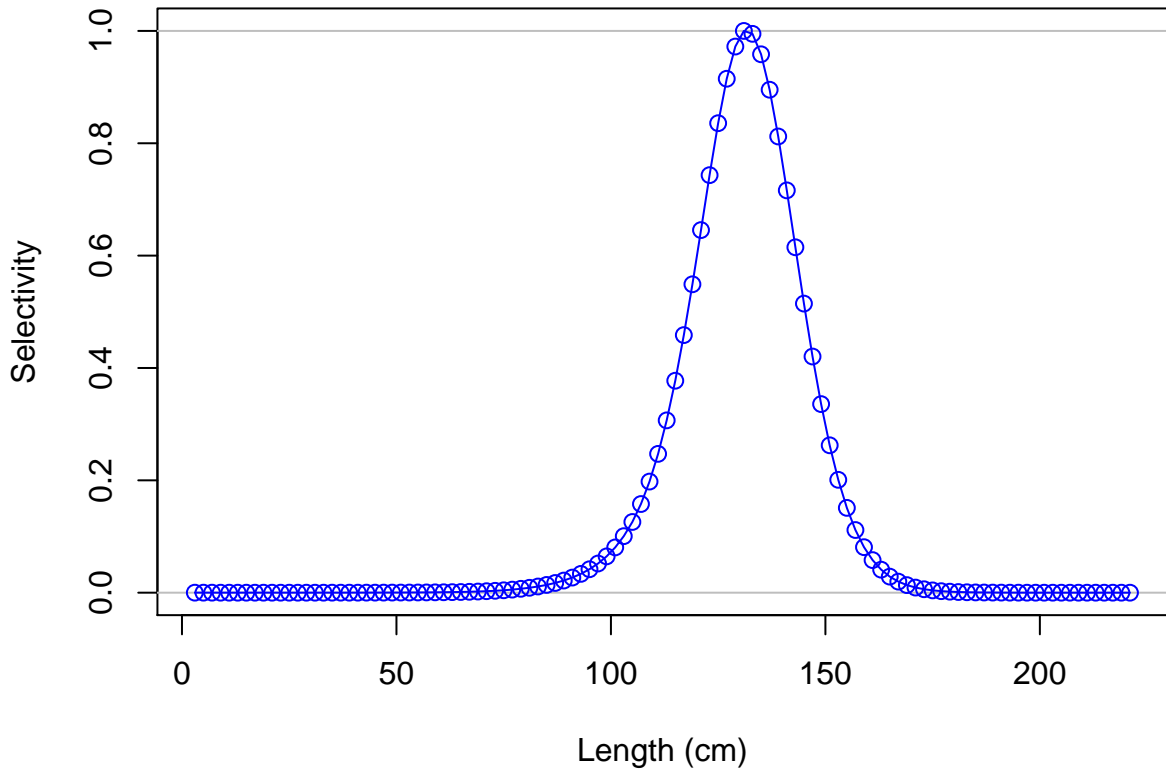
# Age-based selectivity by fleet in 180



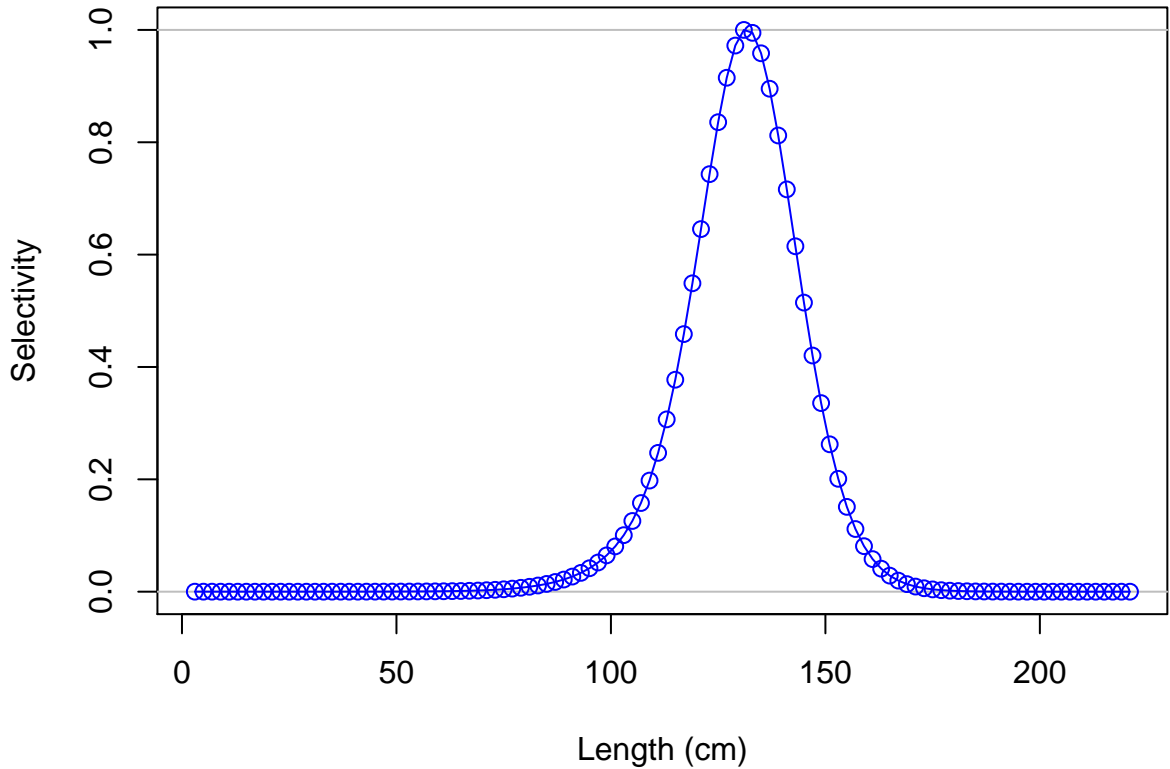
# Derived age-based from length-based selectivity by fleet in 180



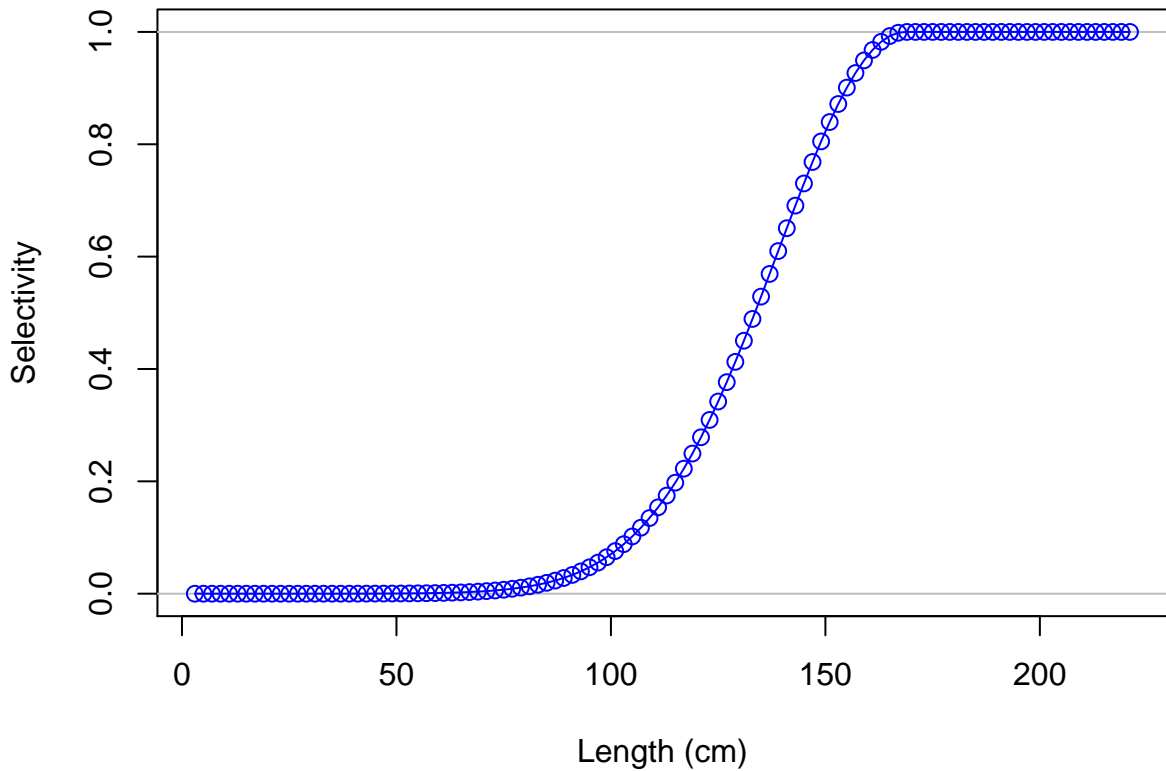
# Female ending year selectivity for A1-LL-n



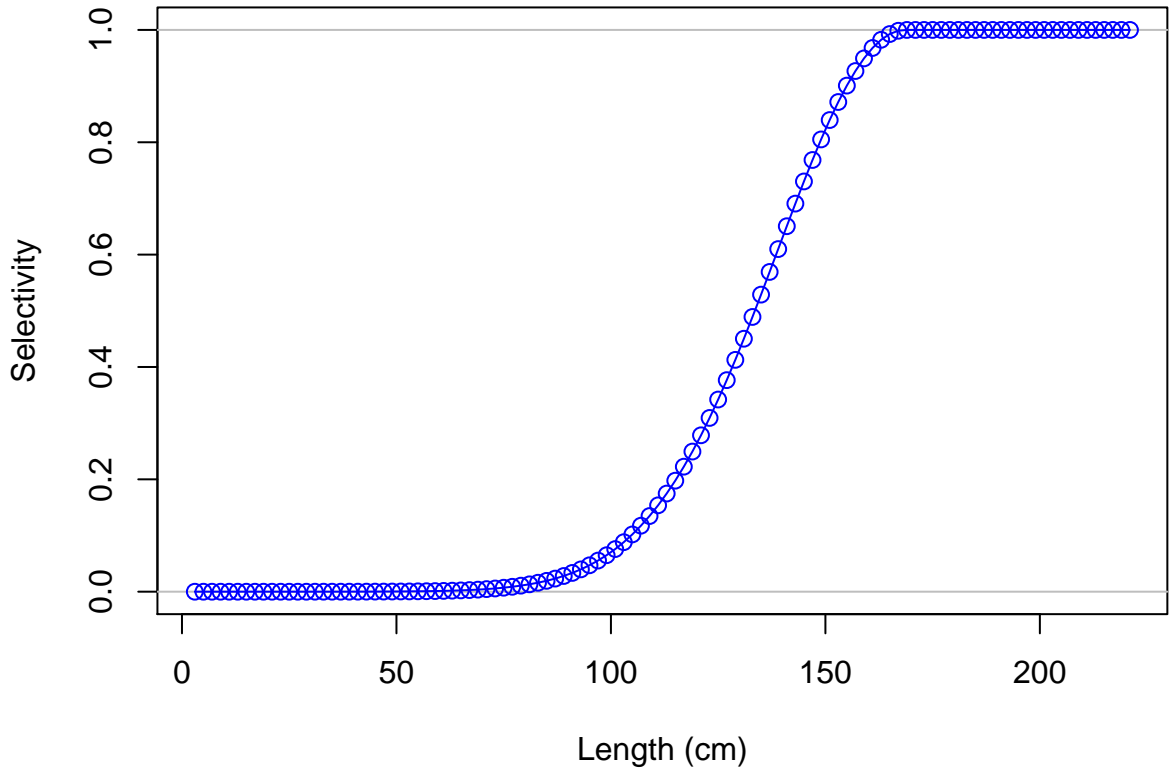
## Male ending year selectivity for A1-LL-n



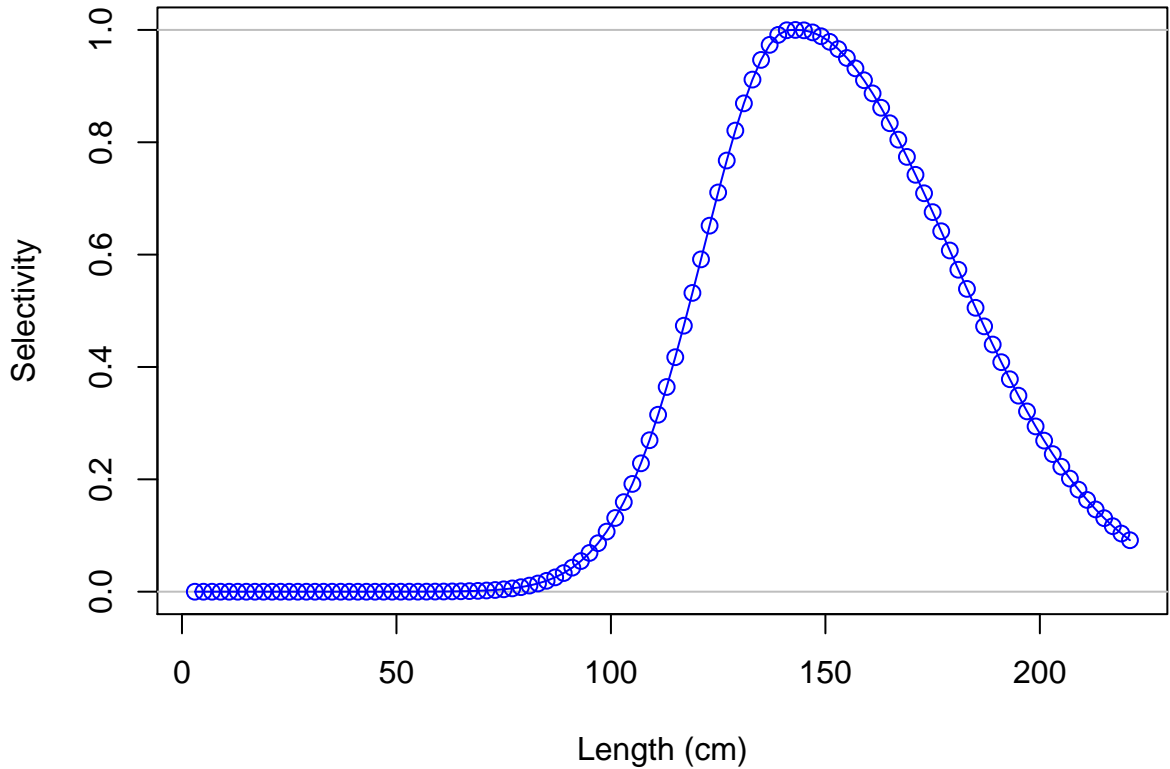
## Female ending year selectivity for A2-LL-n



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

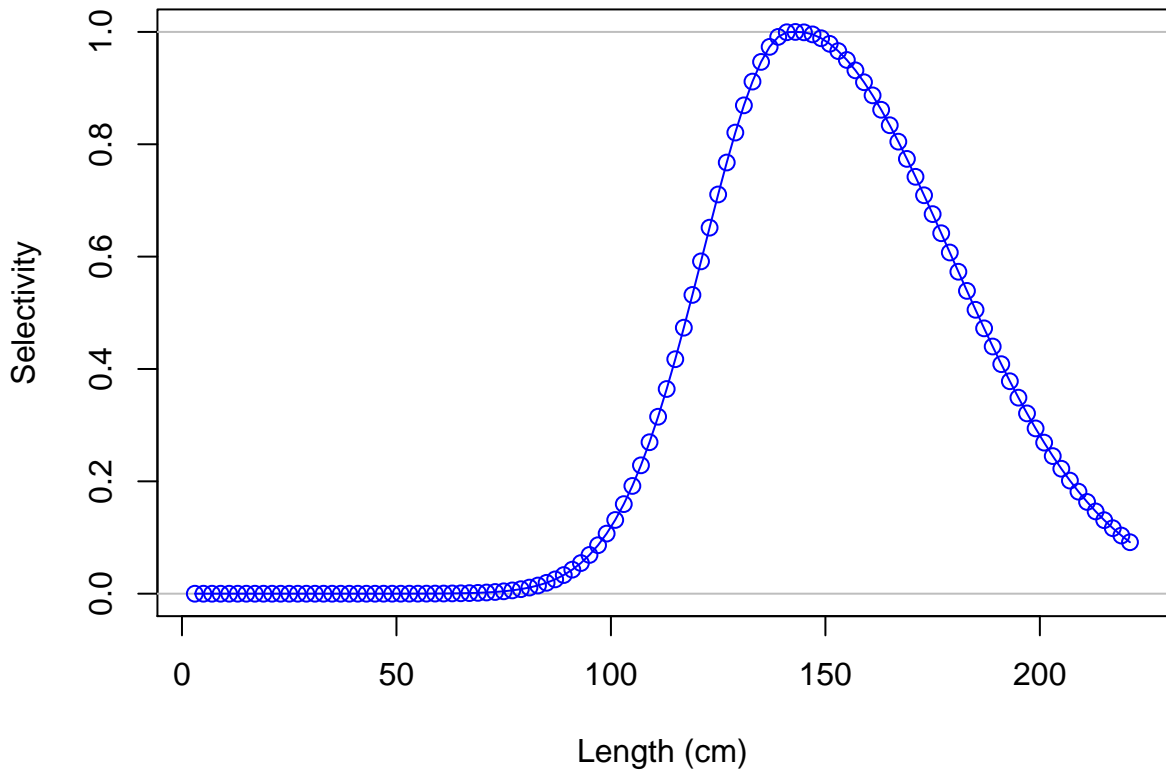


## Female ending year selectivity for A3-LL-n

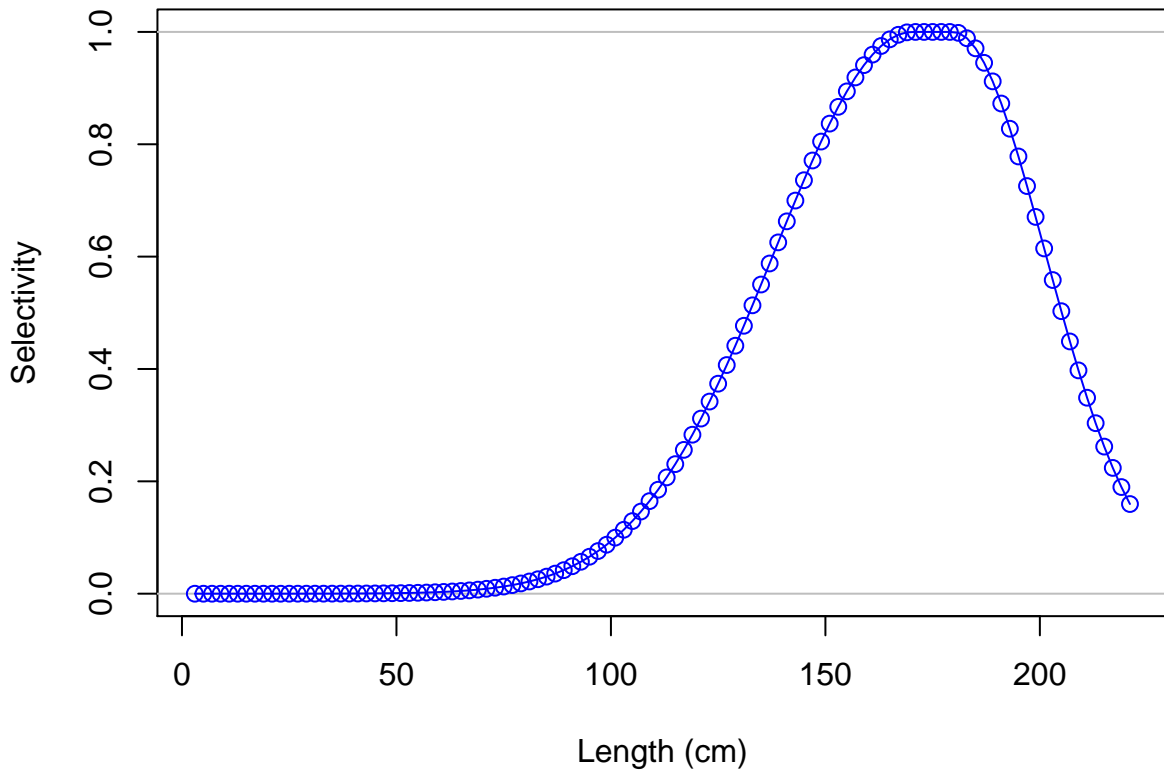




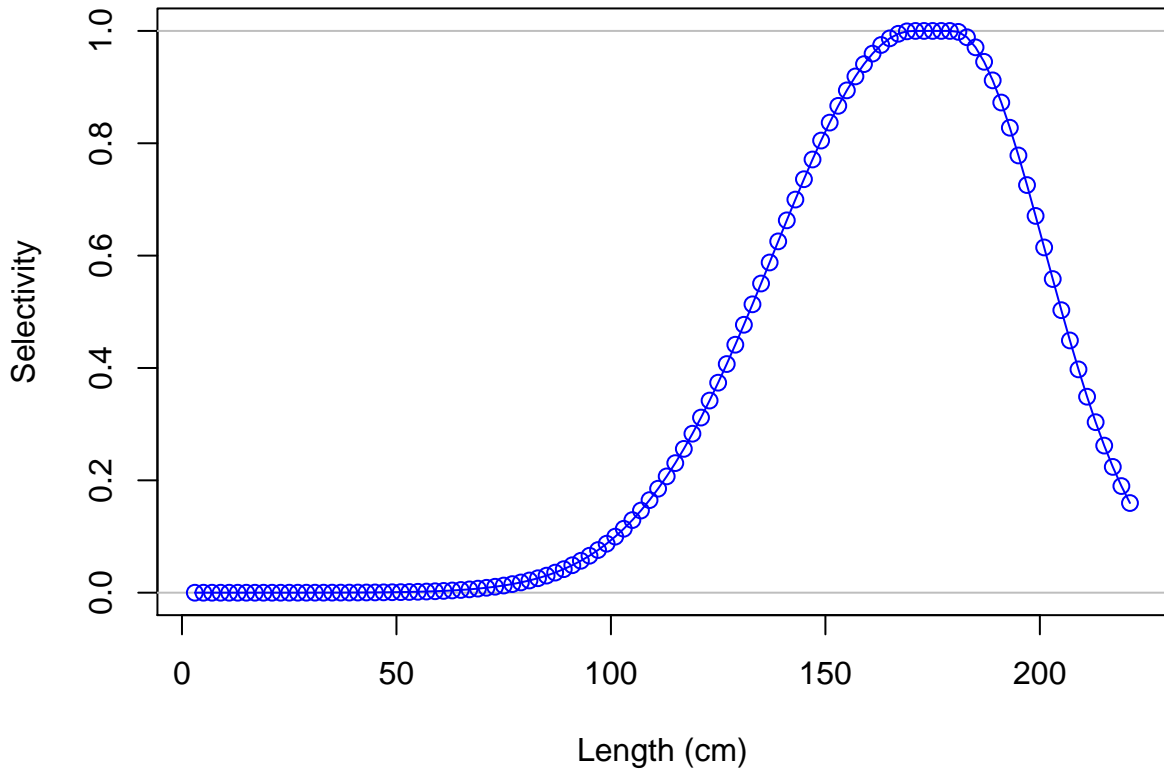
## Male ending year selectivity for A3-LL-n



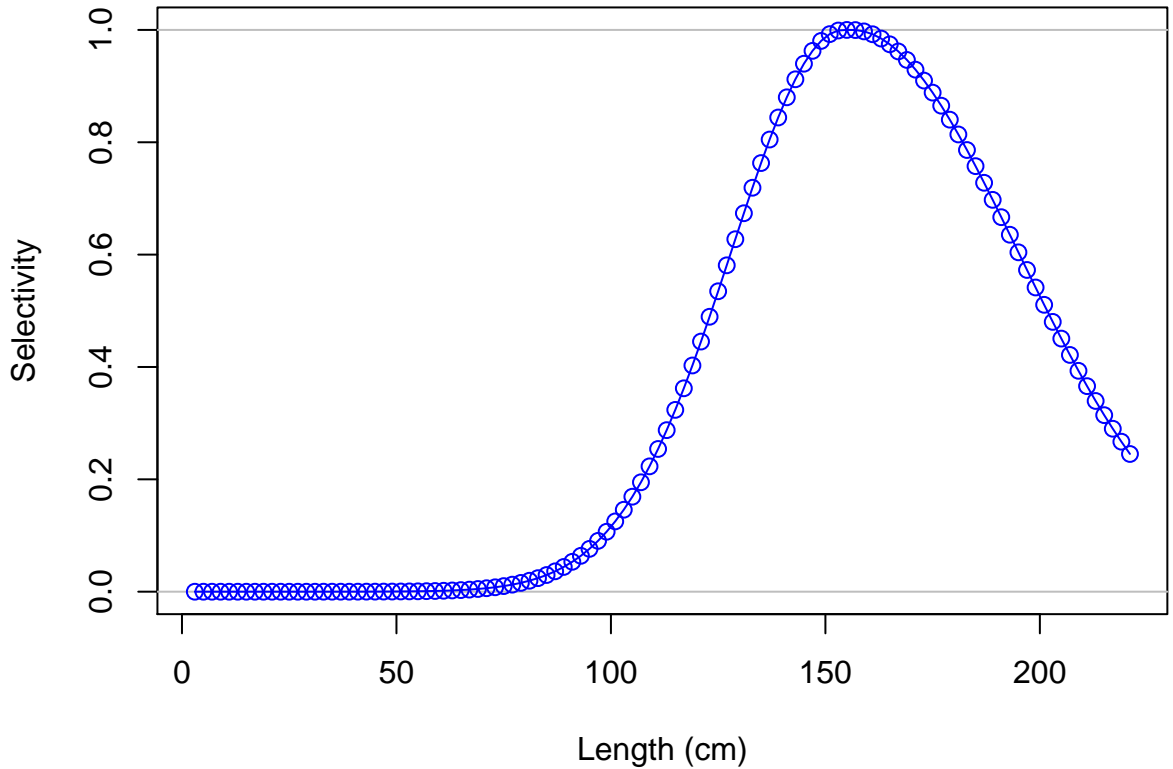
## Female ending year selectivity for A4-LL-n



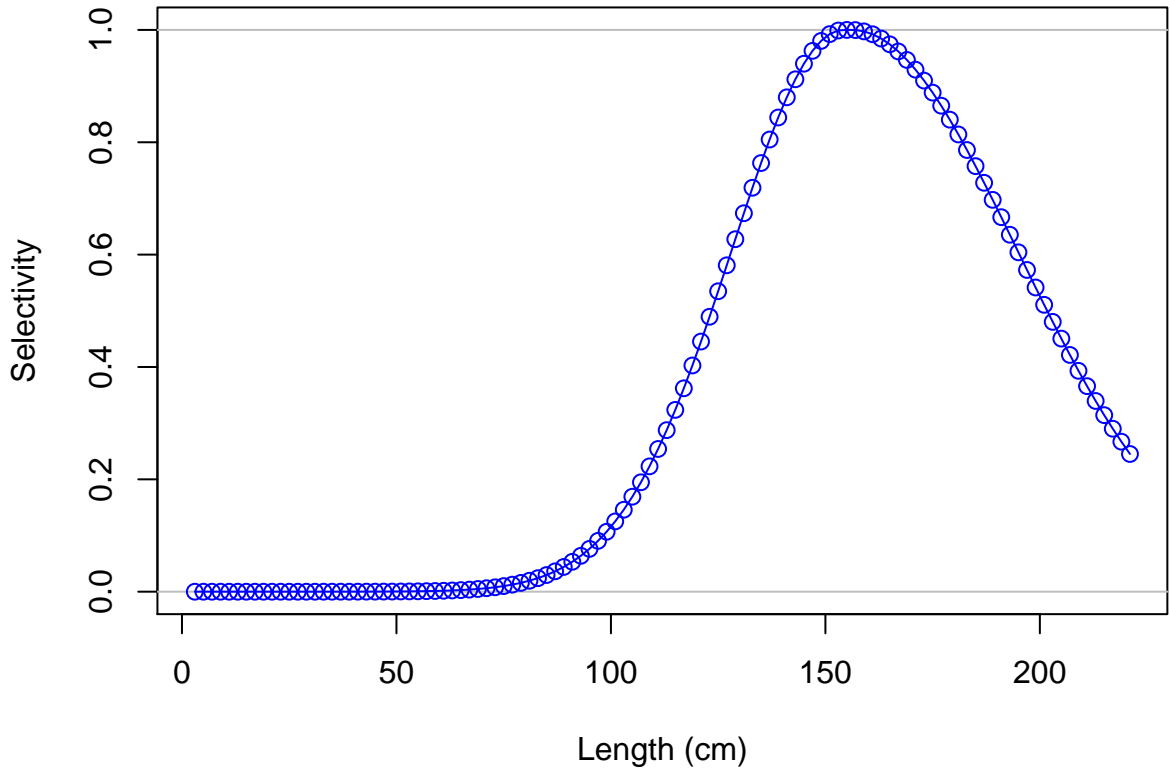
## Male ending year selectivity for A4-LL-n



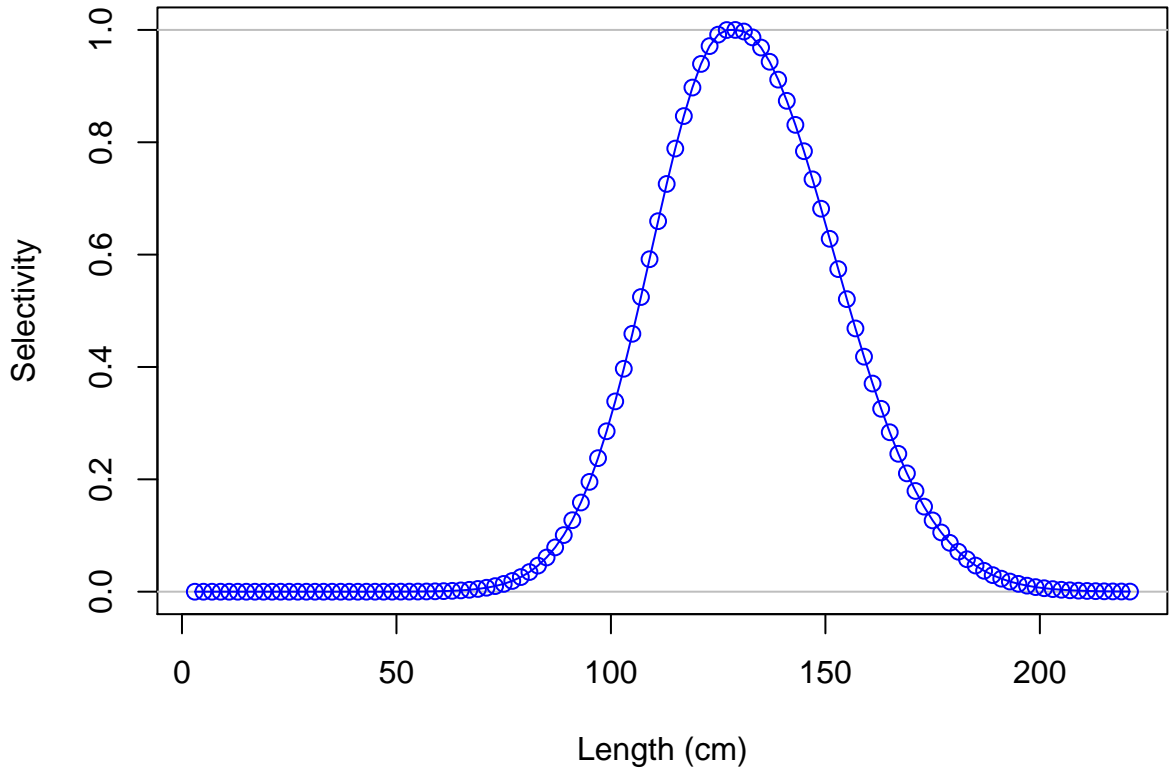
## Female ending year selectivity for A5-LL-n



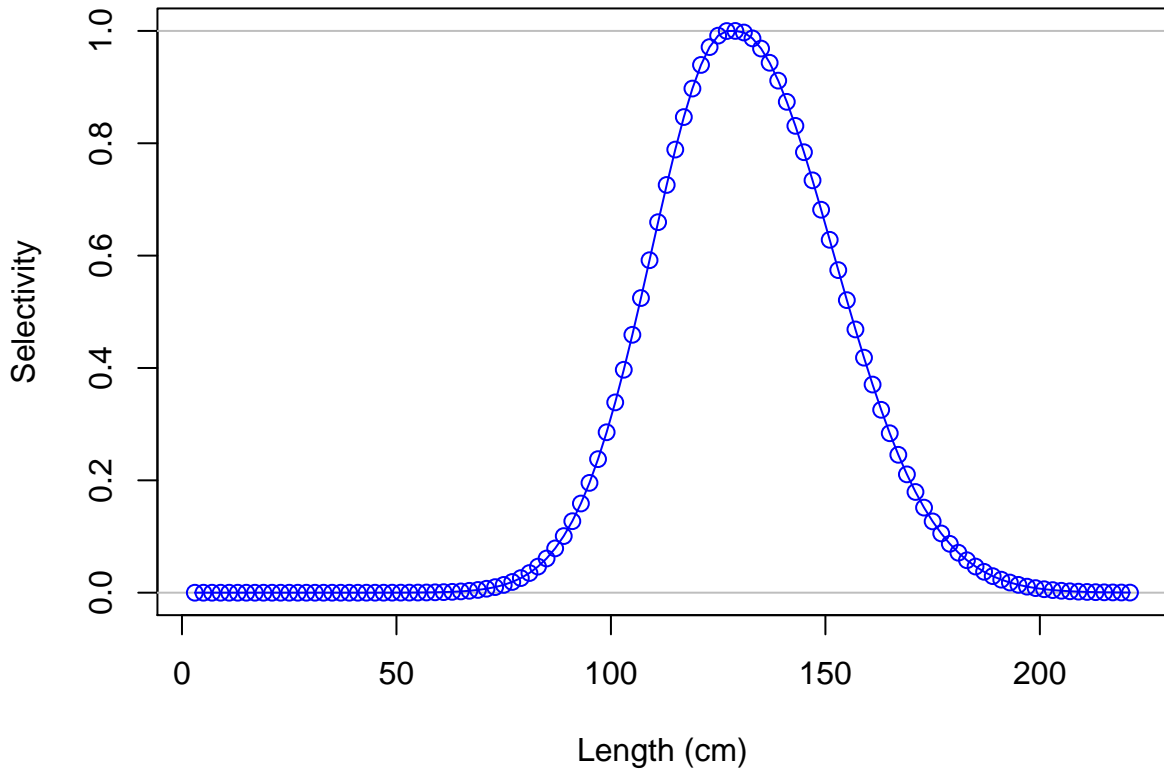
## Male ending year selectivity for A5-LL-n



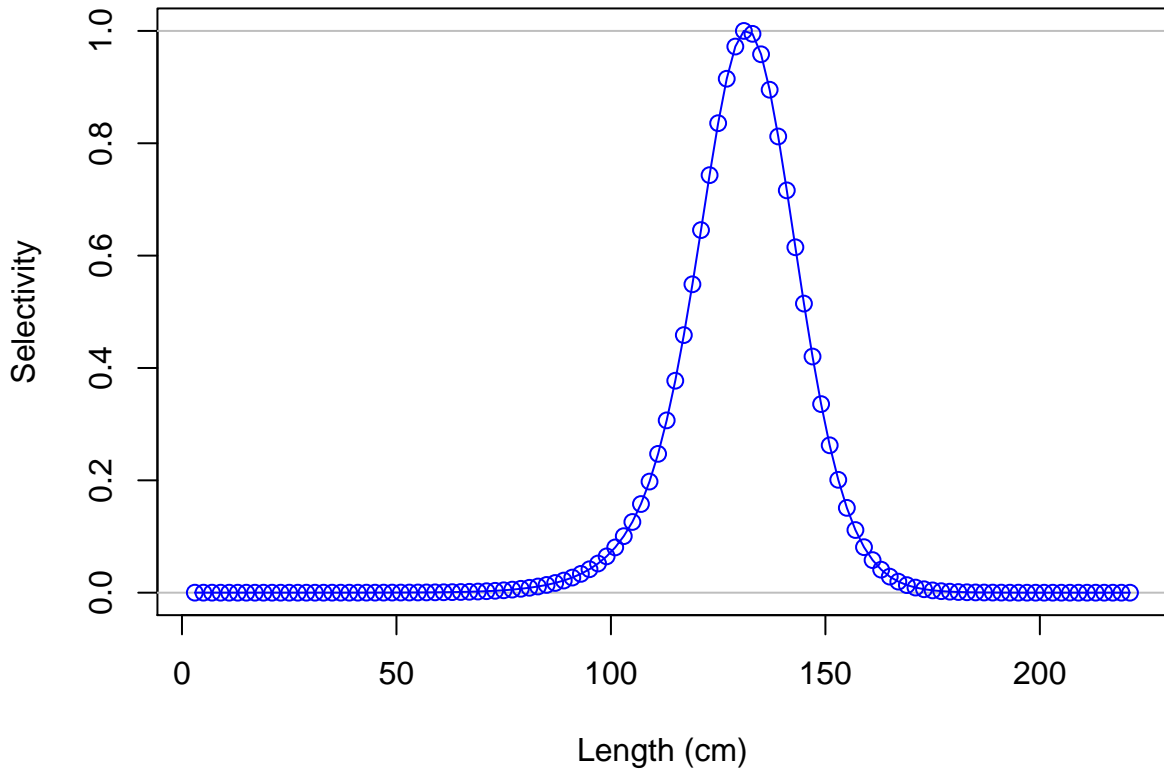
## Female ending year selectivity for A6-LL-n



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

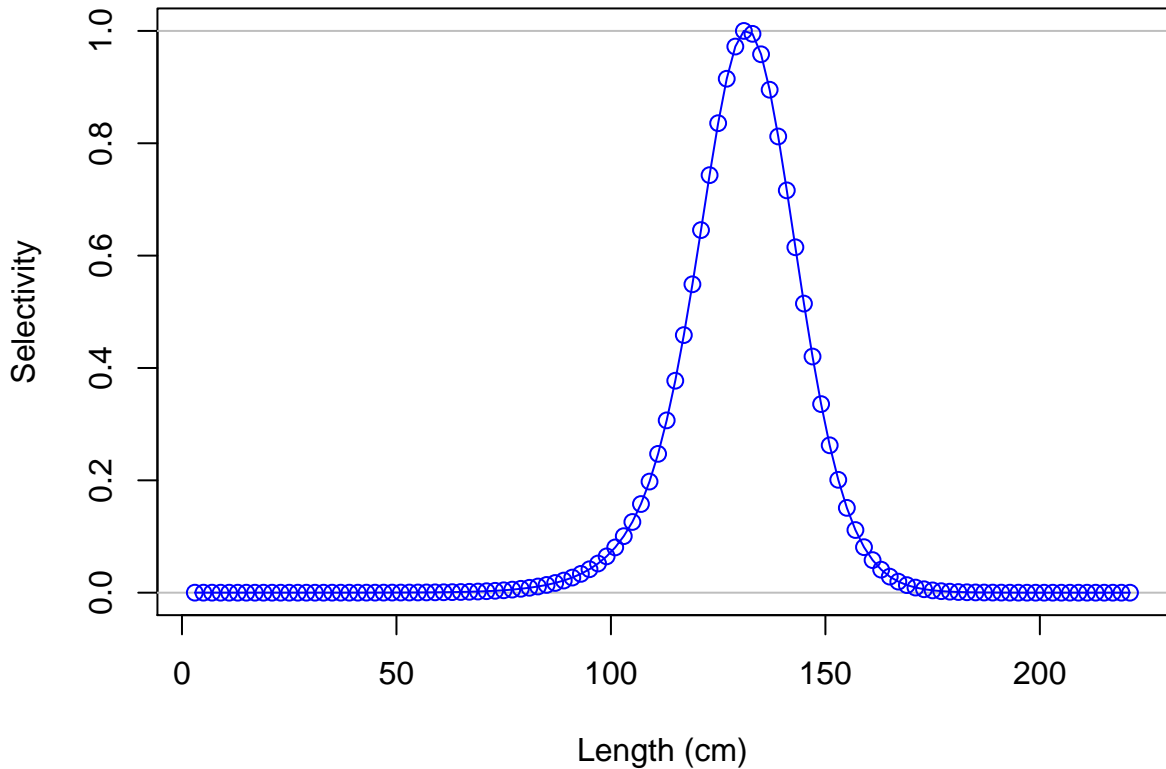


## Female ending year selectivity for A1-LL-w

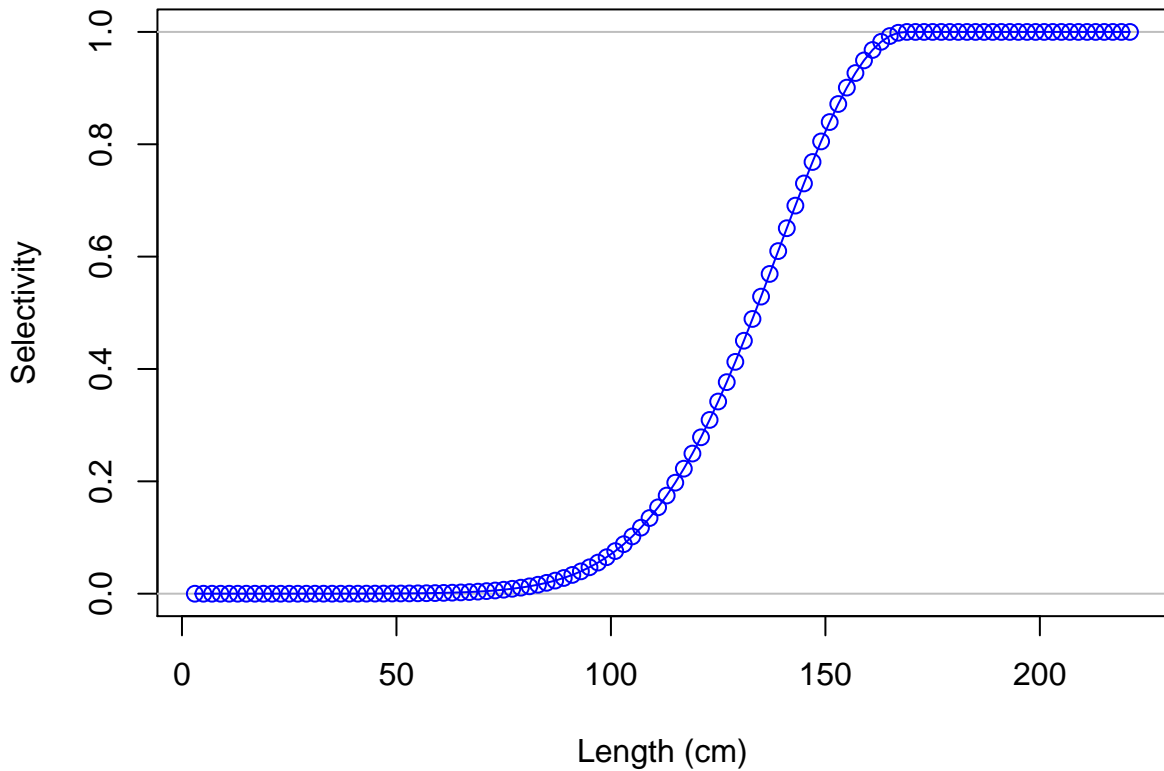




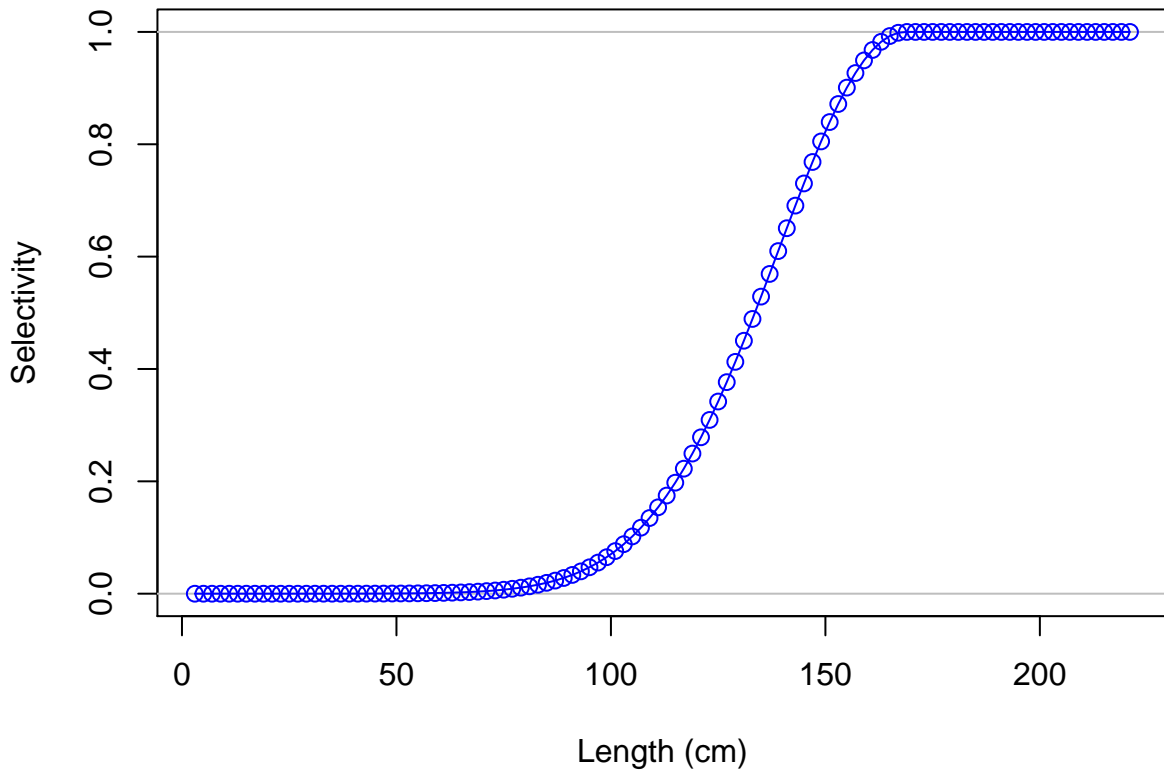
# Male ending year selectivity for A1-LL-w



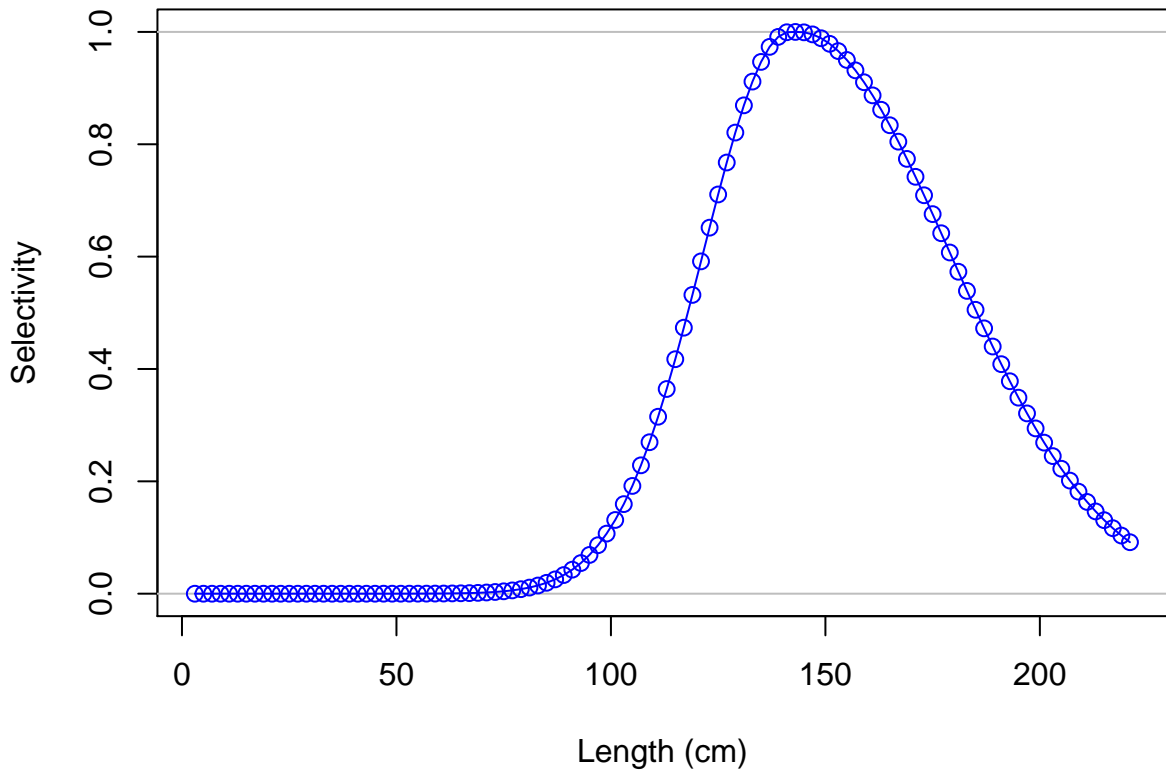
## Female ending year selectivity for A2-LL-w



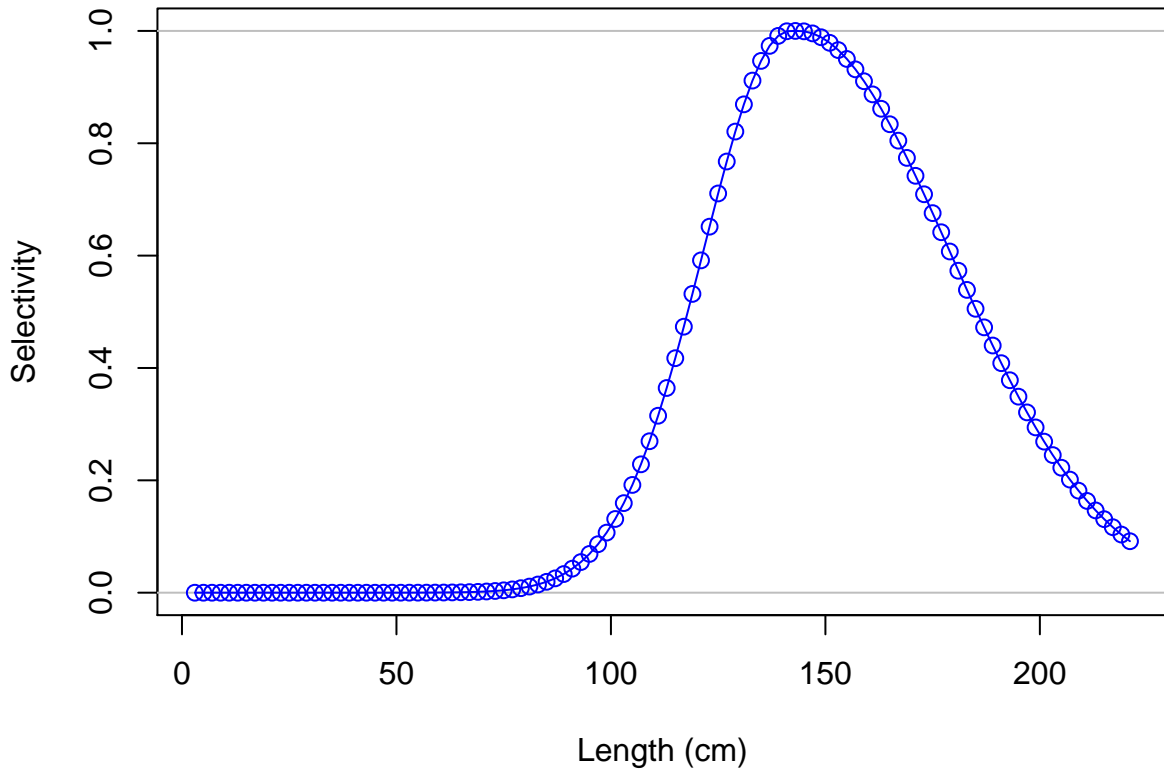
## Male ending year selectivity for A2-LL-w



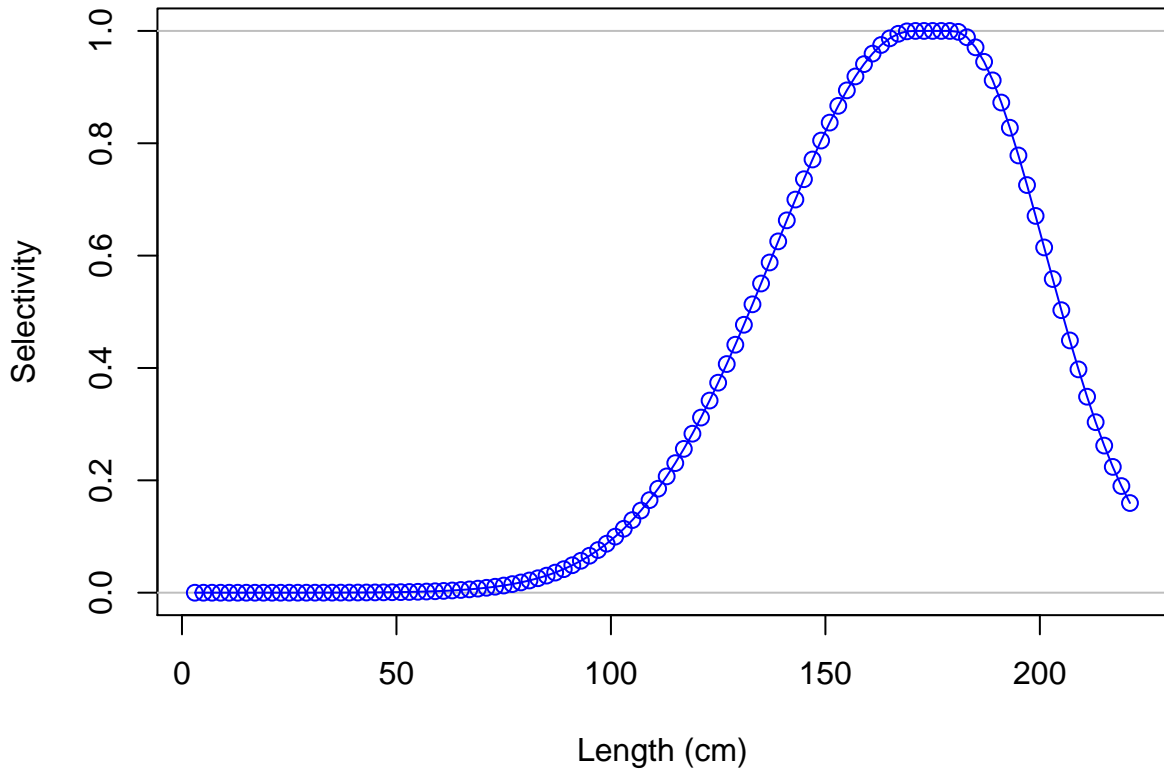
## Female ending year selectivity for A3-LL-w



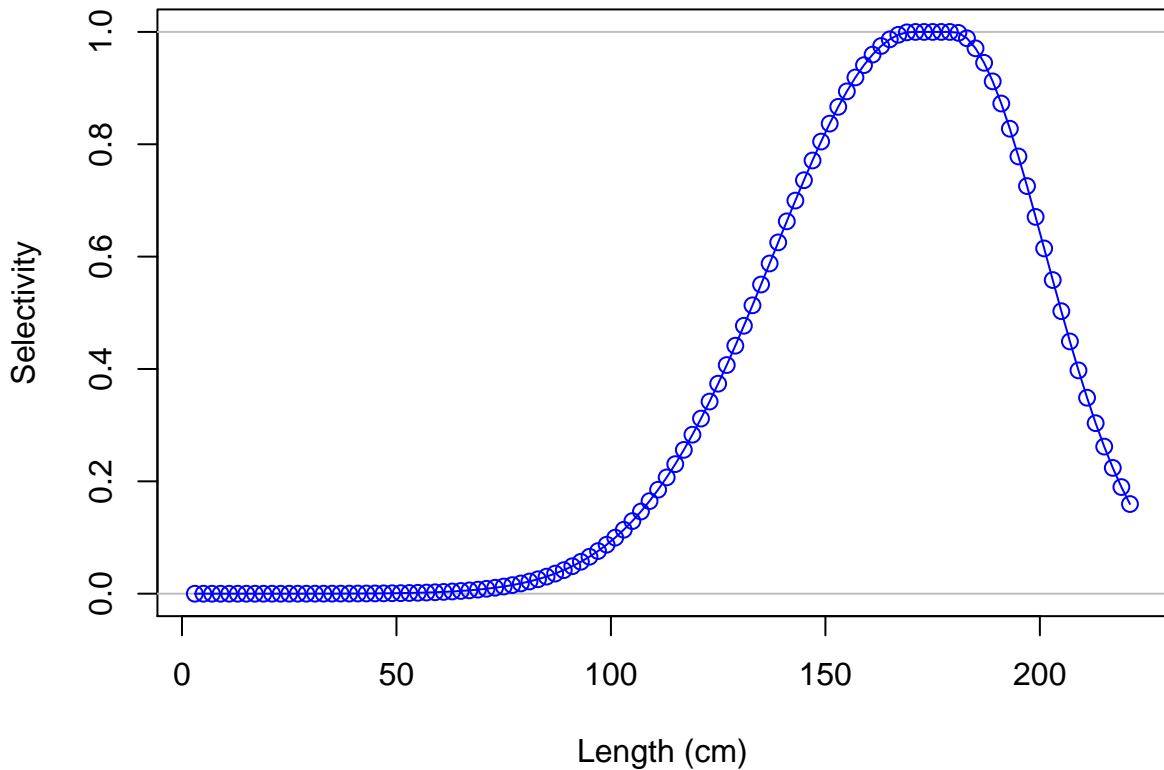
### Male ending year selectivity for A3-LL-w



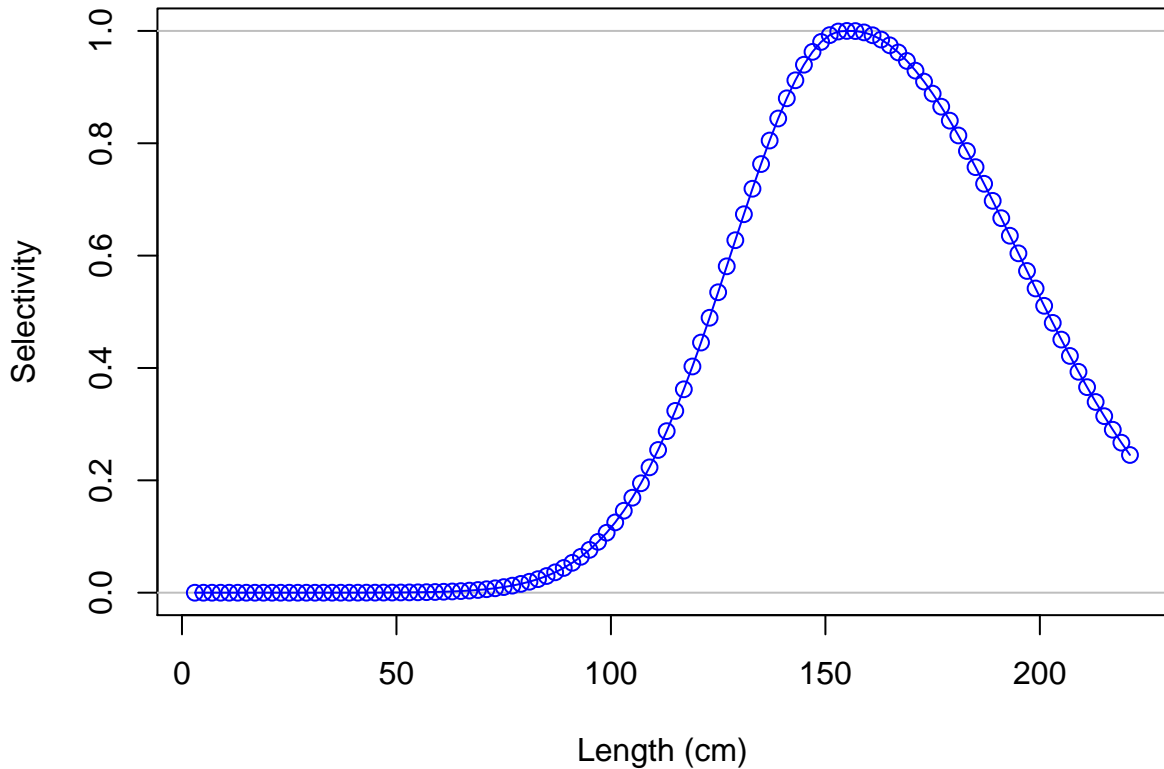
## Female ending year selectivity for A4-LL-w



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

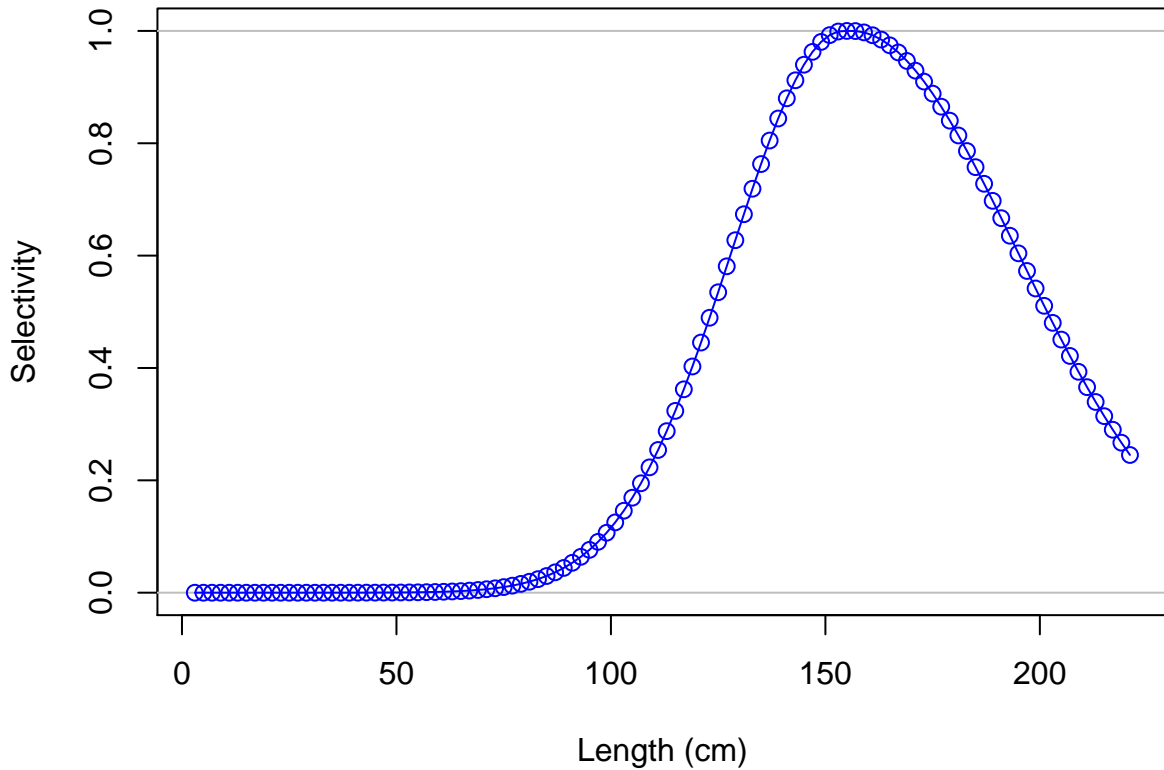


## Female ending year selectivity for A5-LL-w

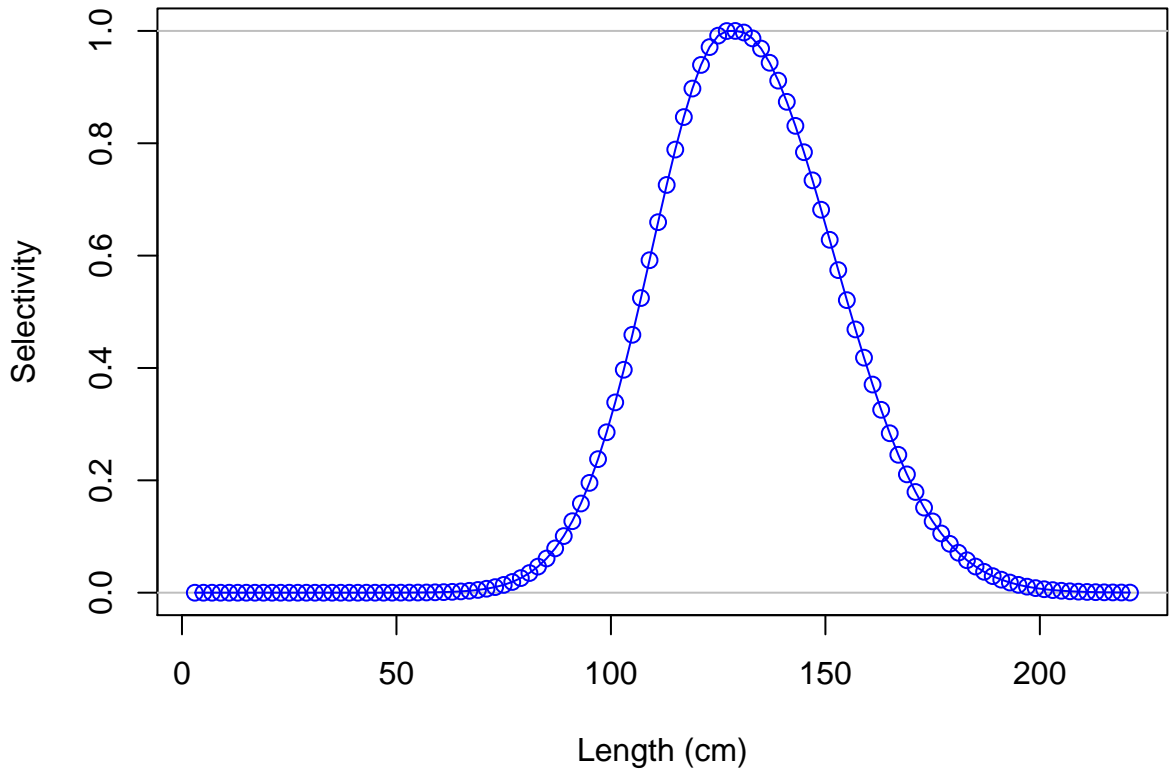




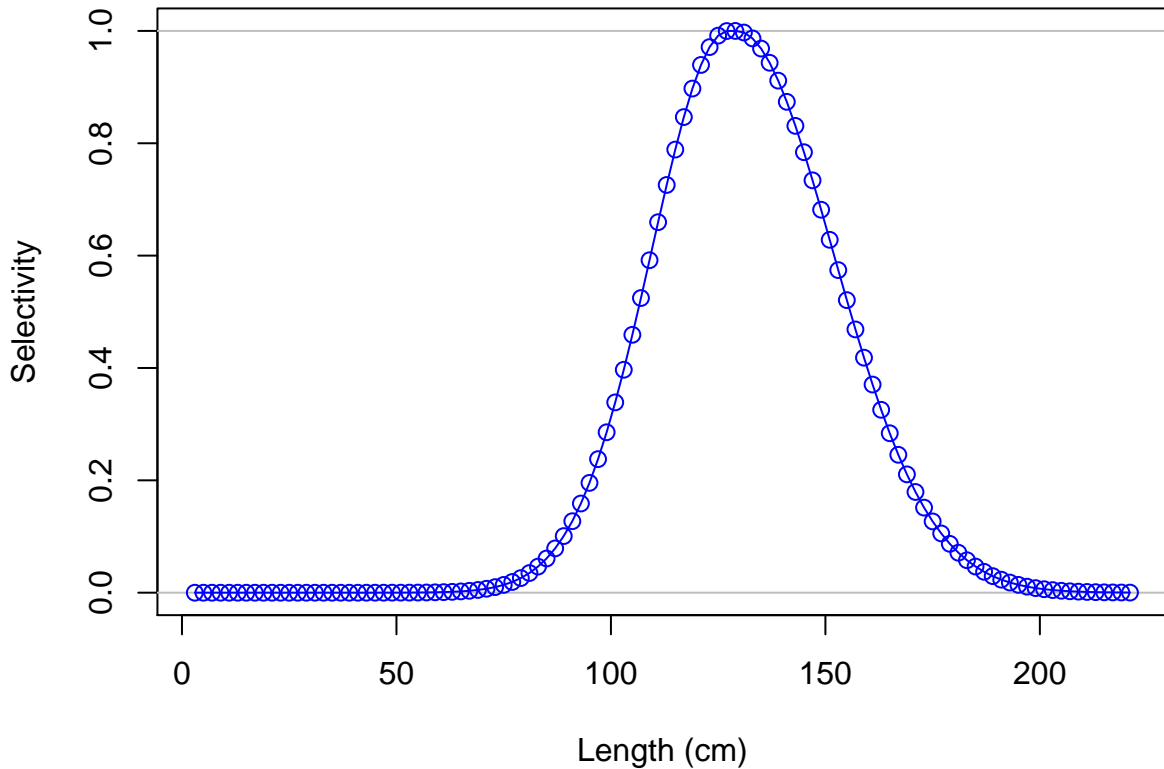
## Male ending year selectivity for A5-LL-w



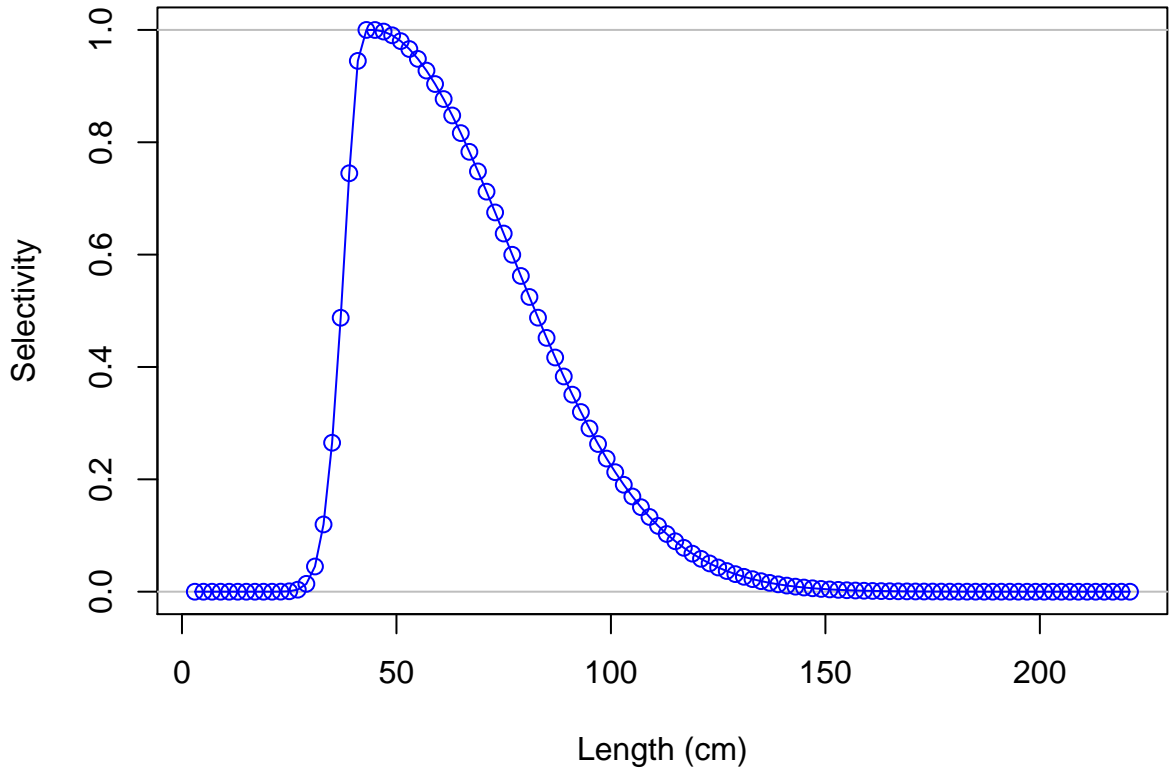
## Female ending year selectivity for A6-LL-w



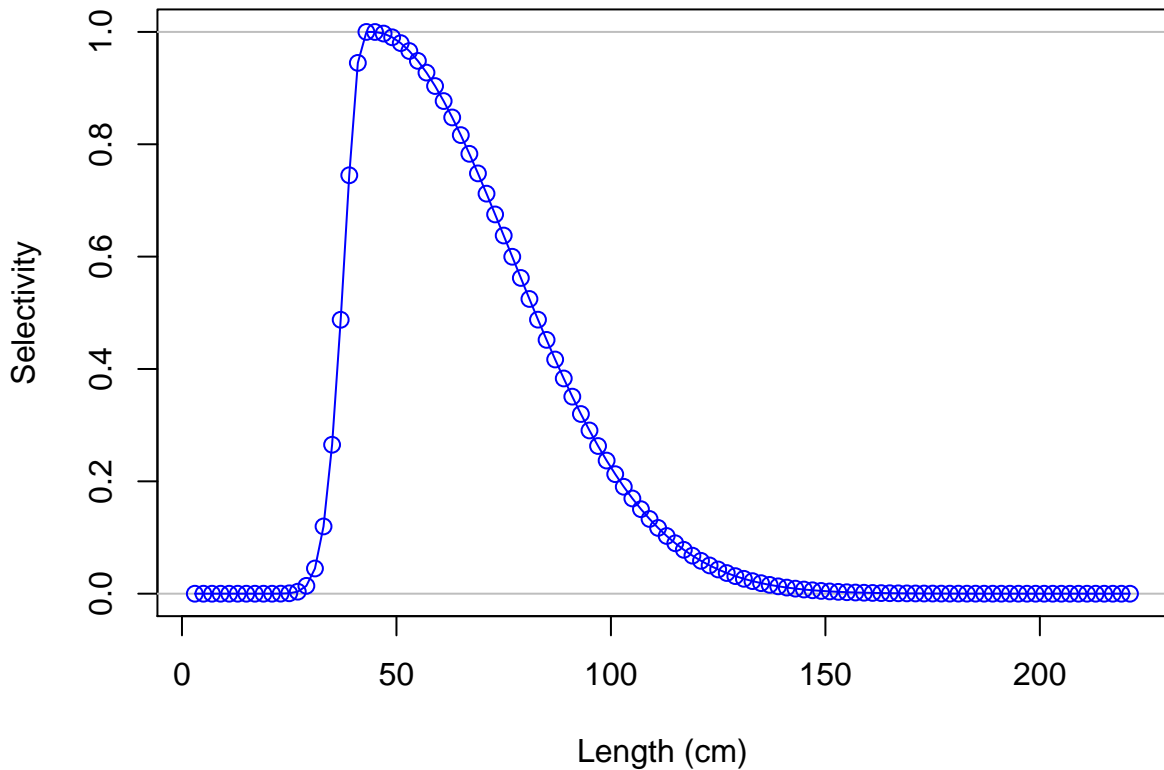
## Male ending year selectivity for A6-LL-w



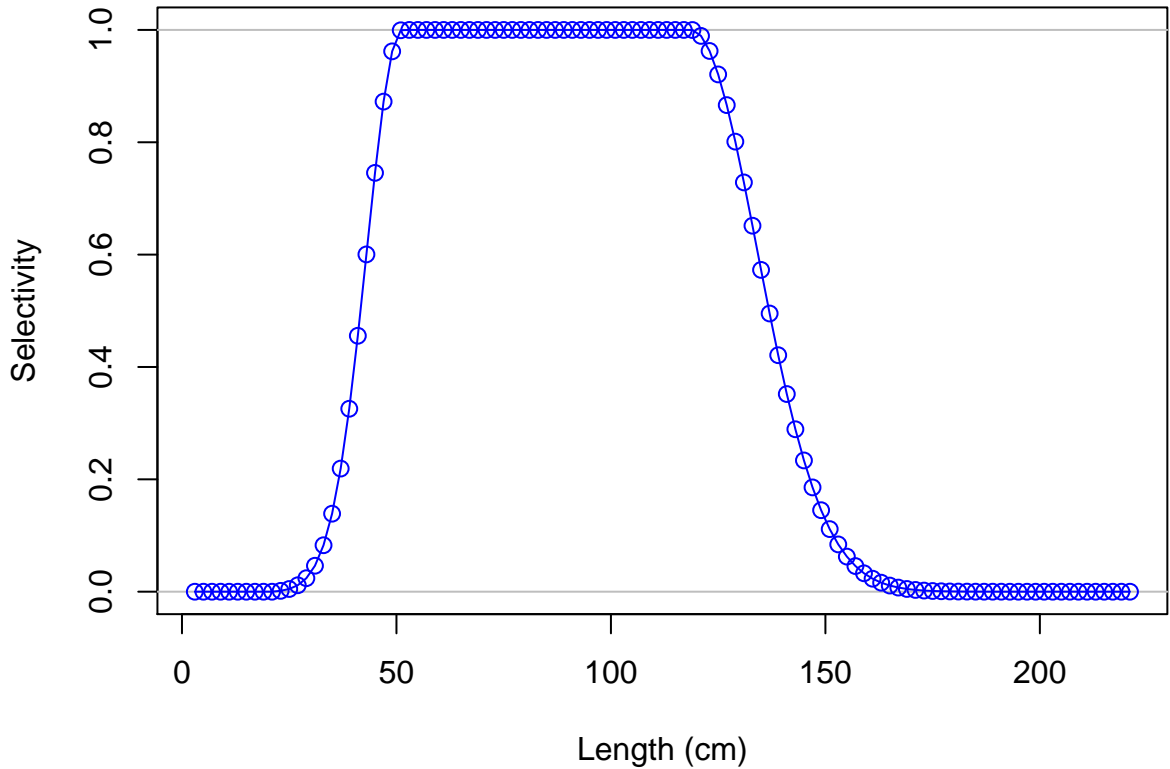
## Female ending year selectivity for A2-OBJ



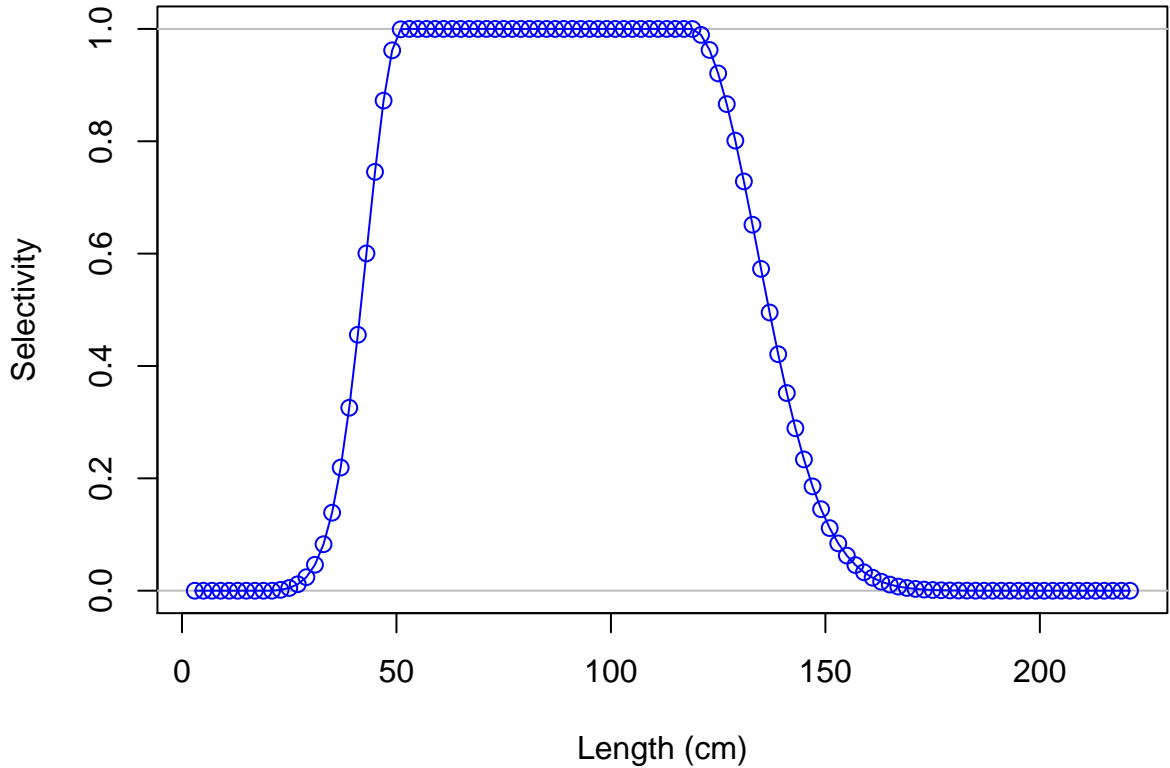
## Male ending year selectivity for A2-OBJ



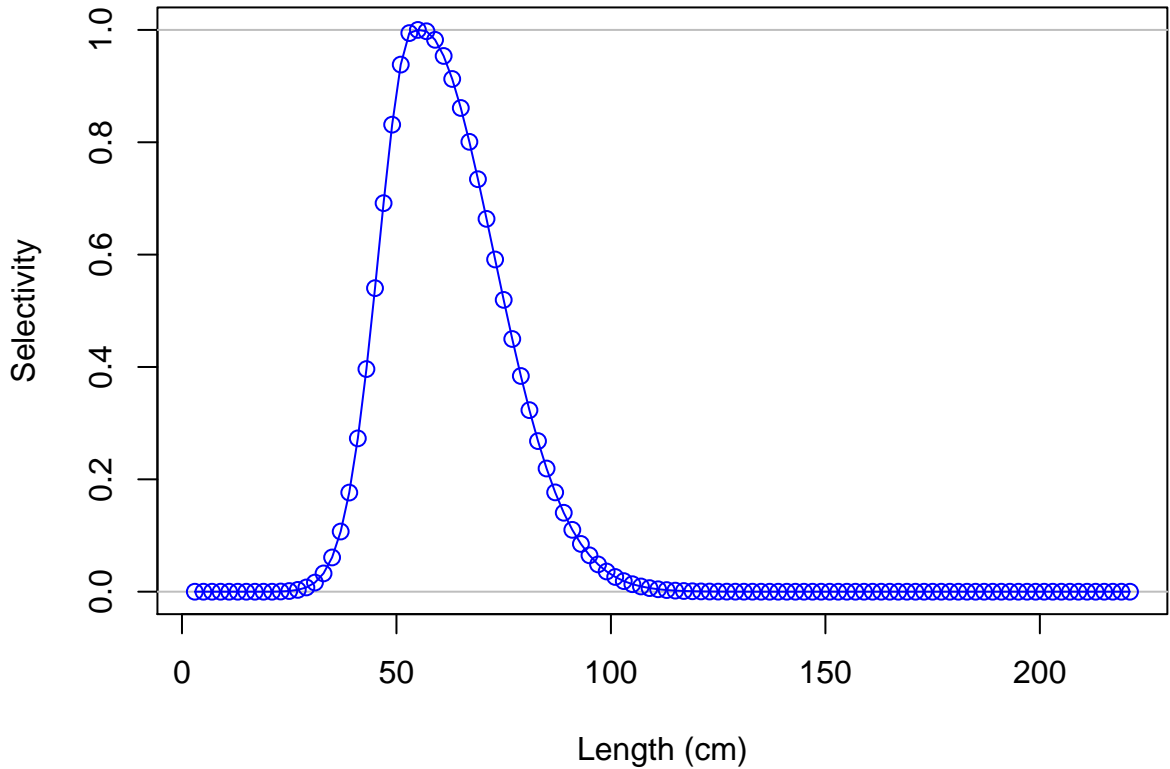
## Female ending year selectivity for A3-OBJ



## Male ending year selectivity for A3-OBJ

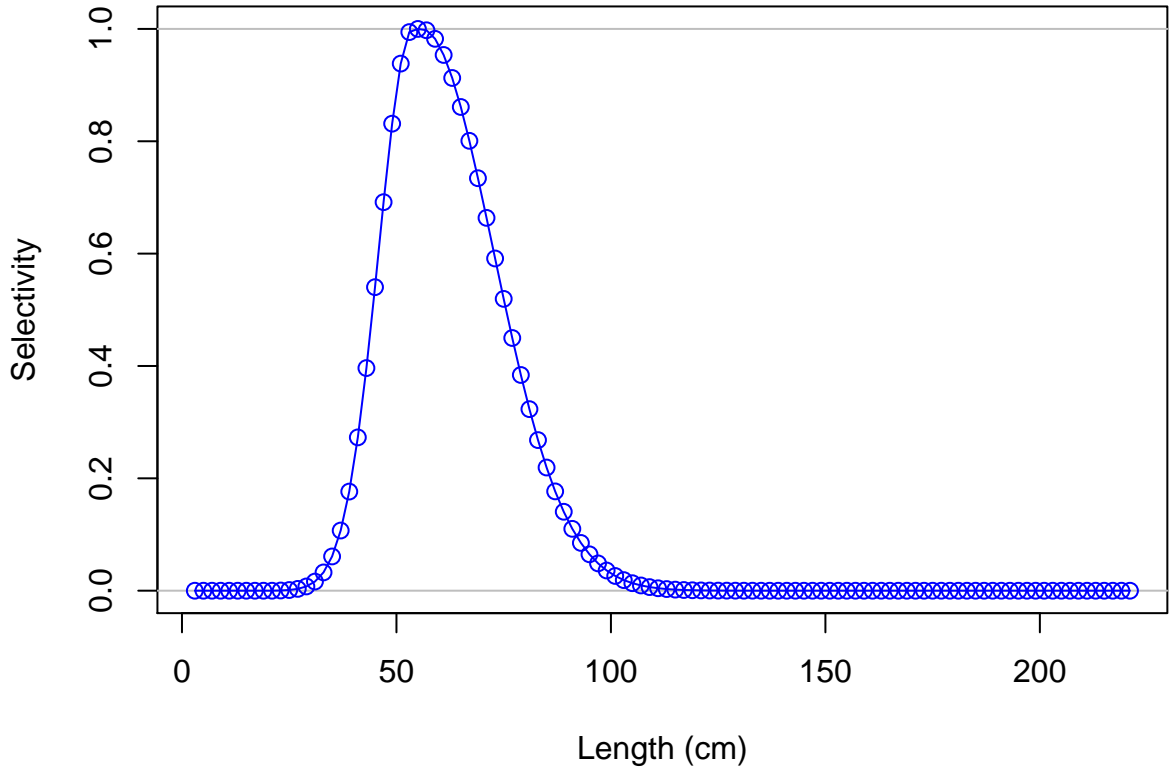


## Female ending year selectivity for A4-Obj

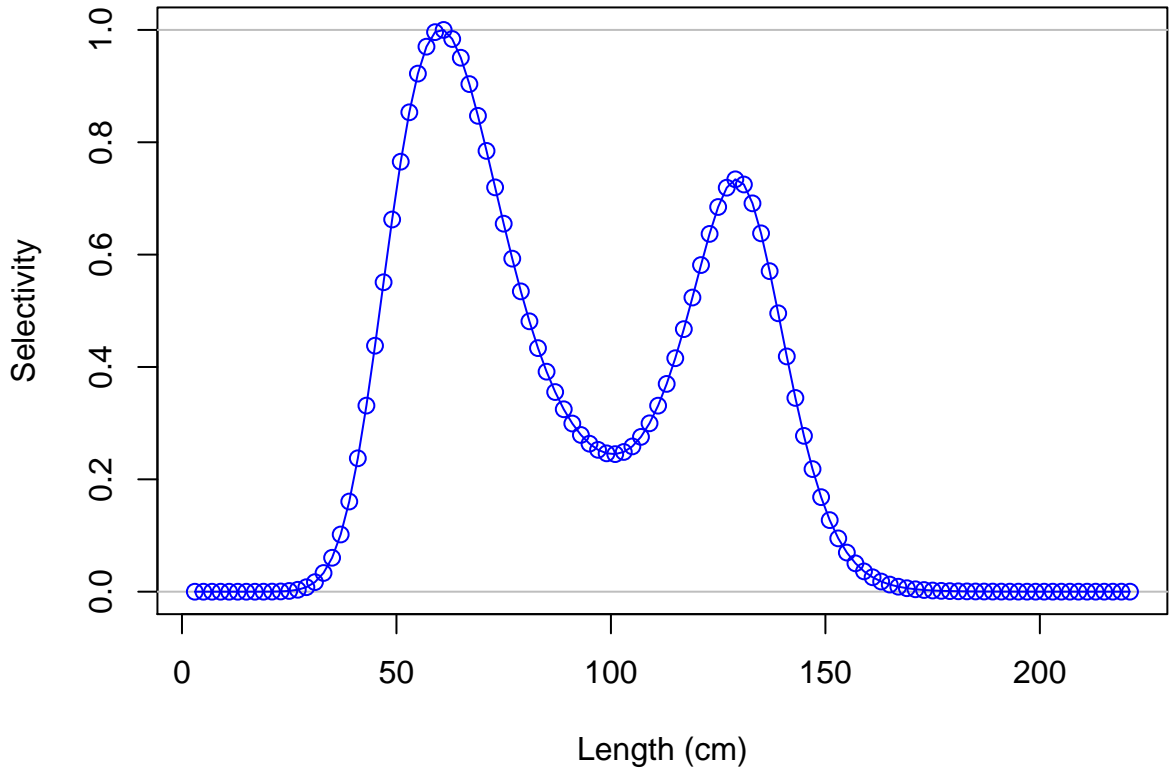




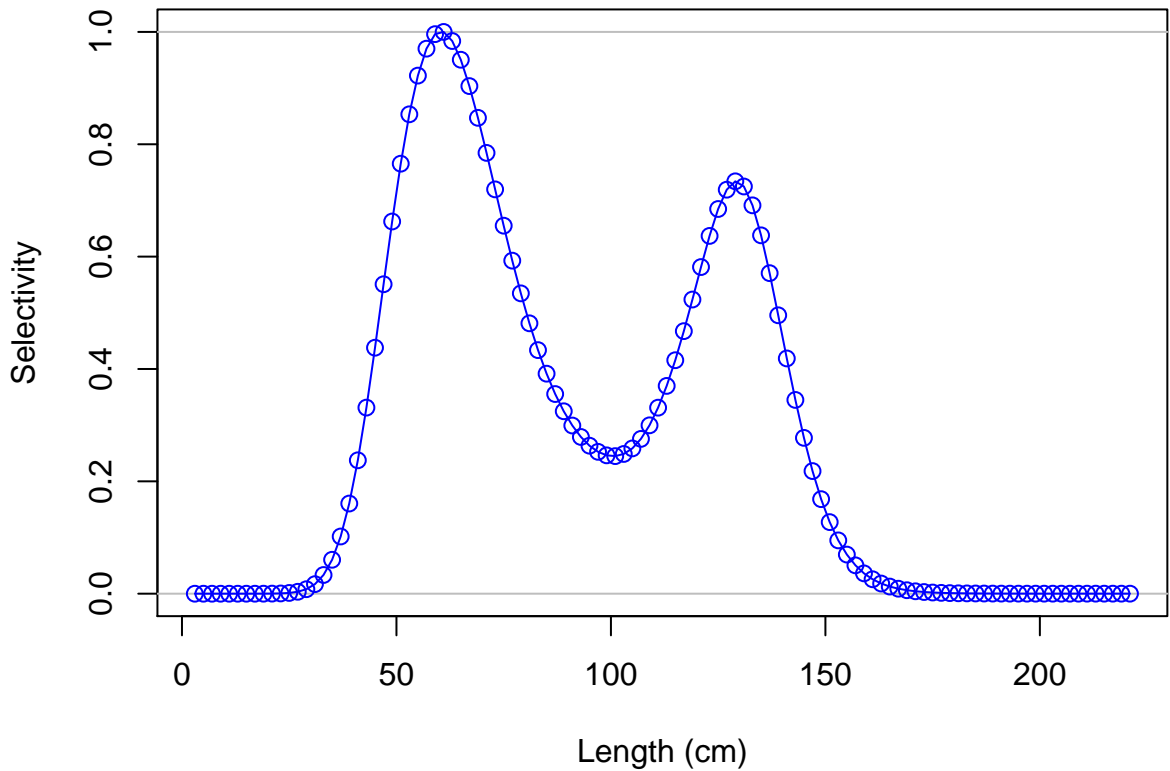
# Male ending year selectivity for A4-OBJ



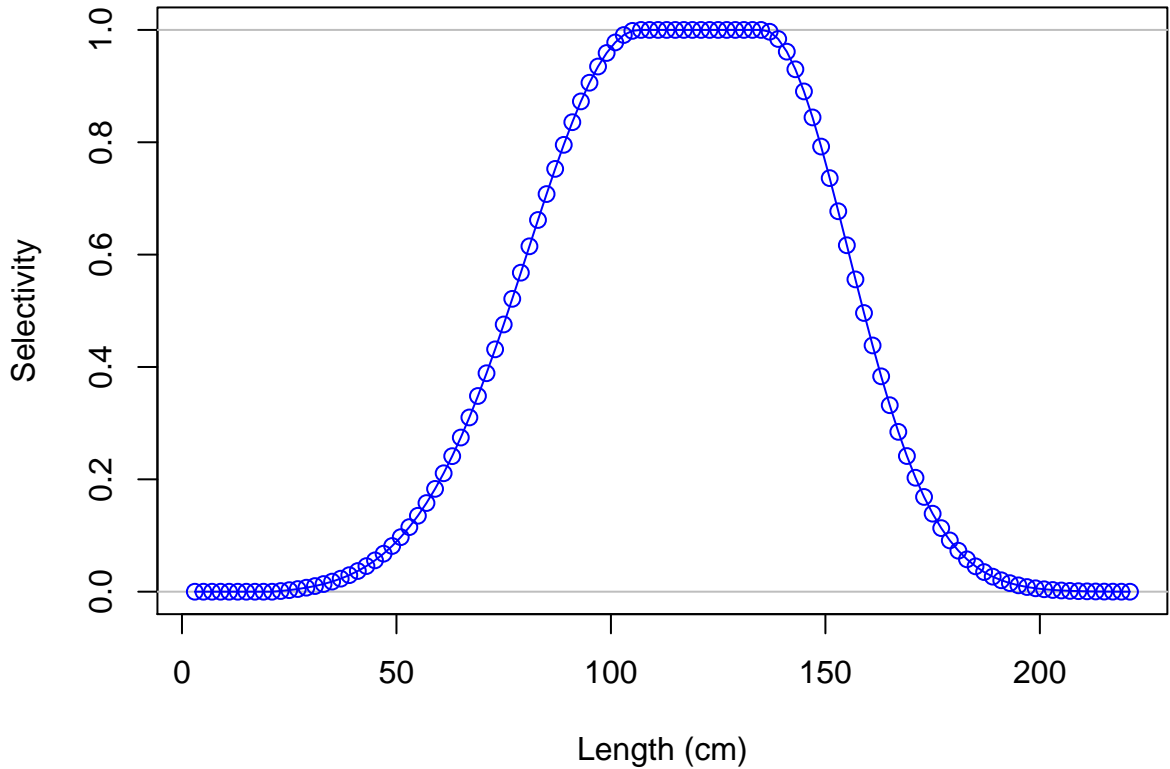
## Female ending year selectivity for A5-OBJ



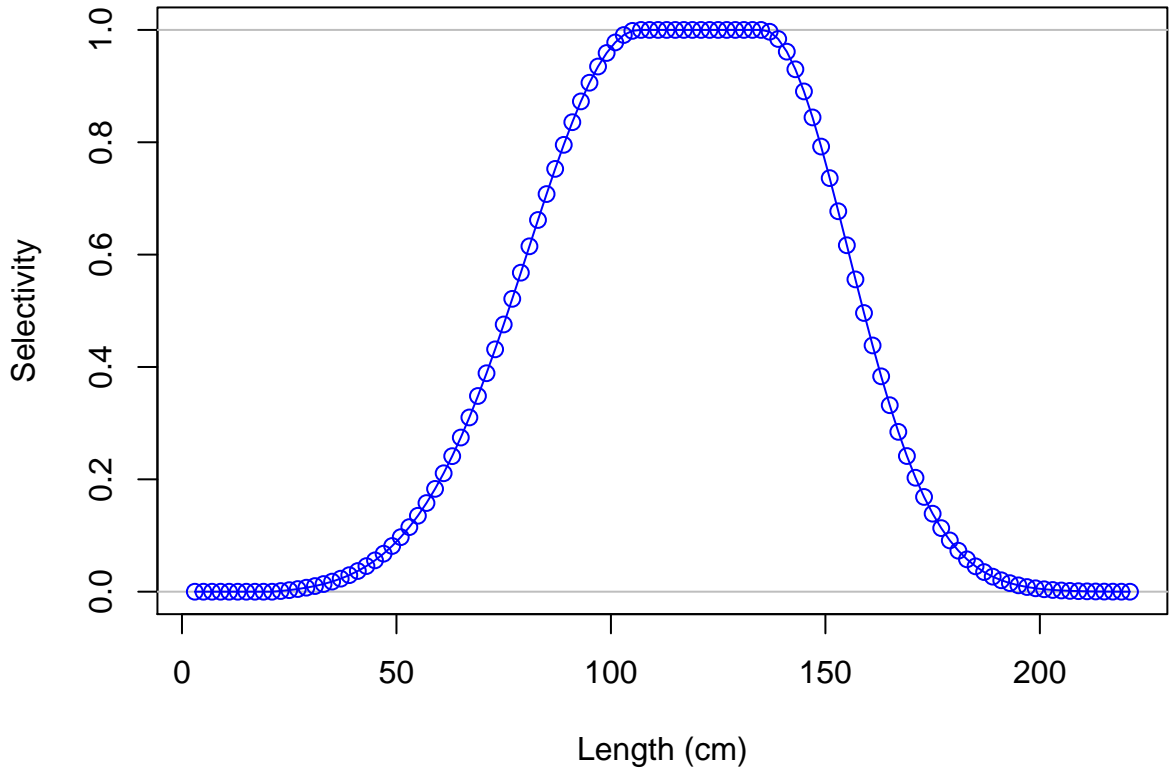
## Male ending year selectivity for A5-OBJ



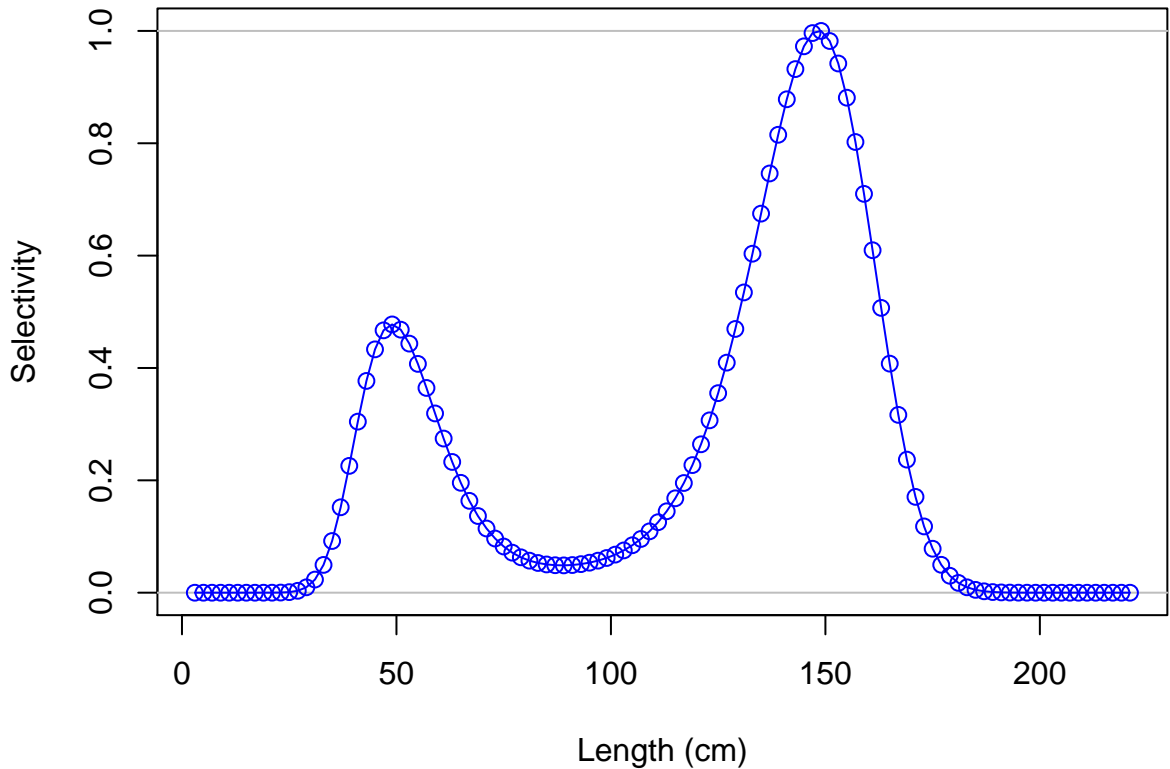
## Female ending year selectivity for A6-OBJ



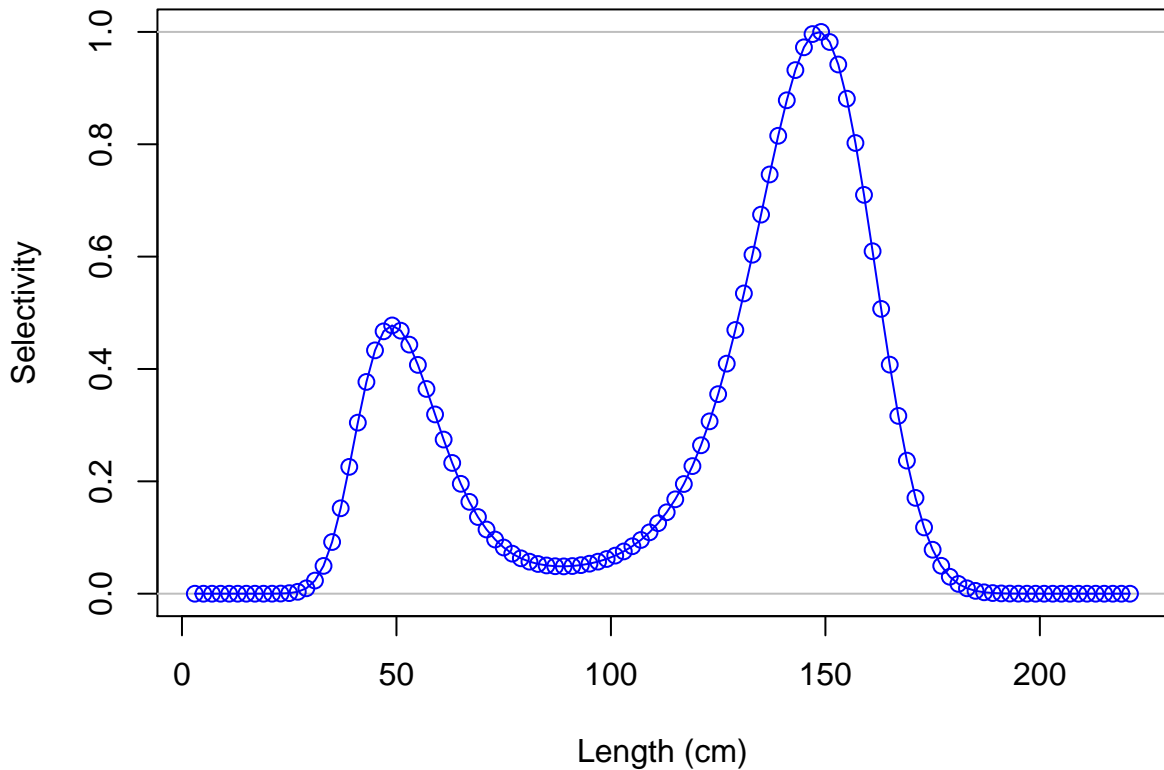
## Male ending year selectivity for A6-OBJ



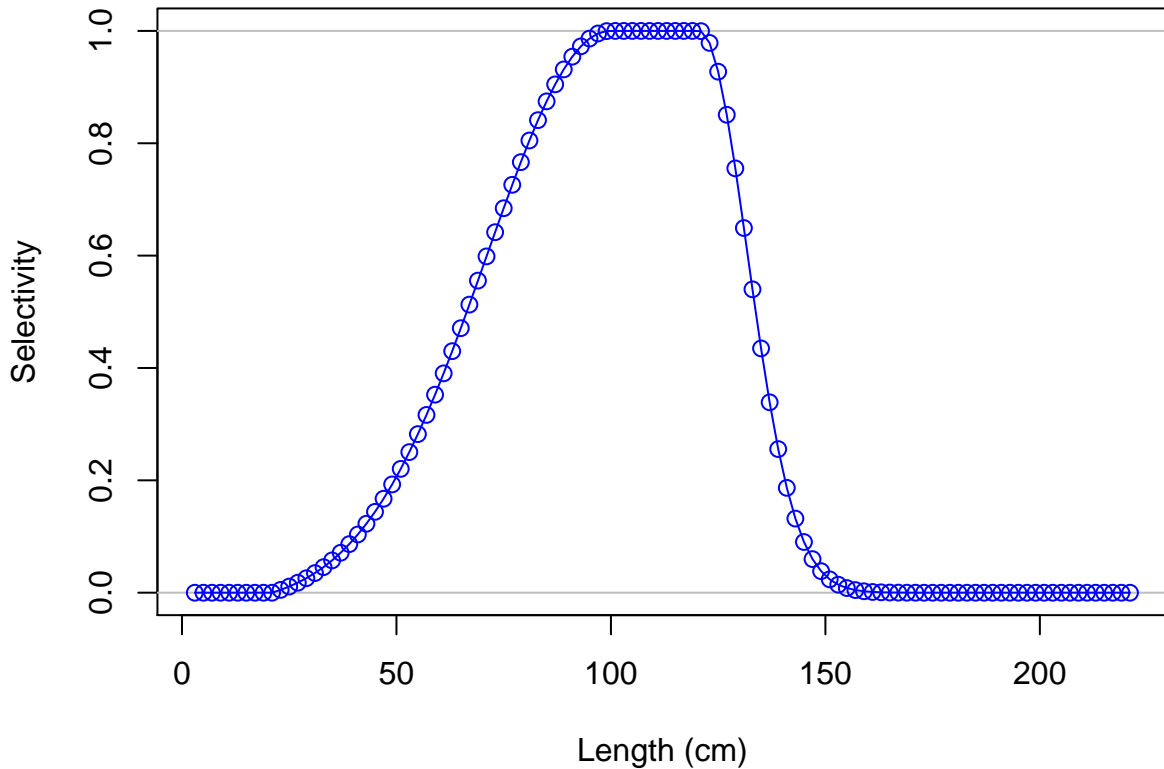
## Female ending year selectivity for A2-NOADEL



## Male ending year selectivity for A2-NOADEL

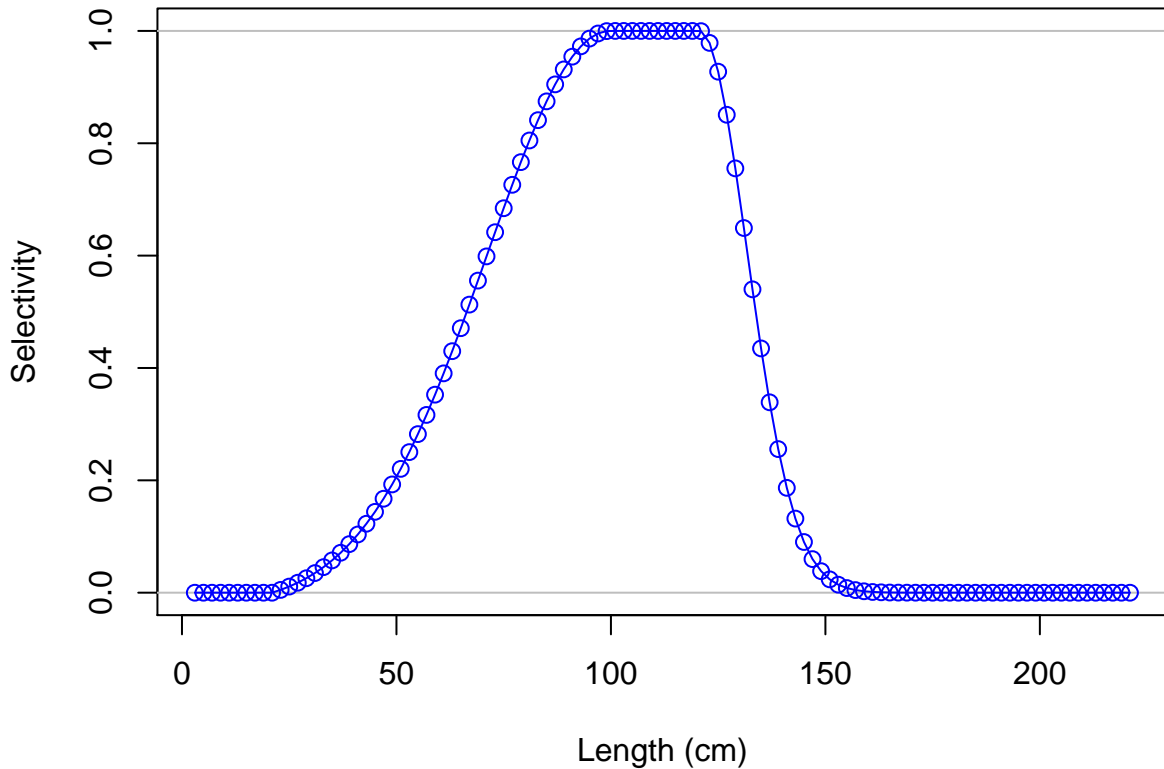


## Female ending year selectivity for A3-NOADEL

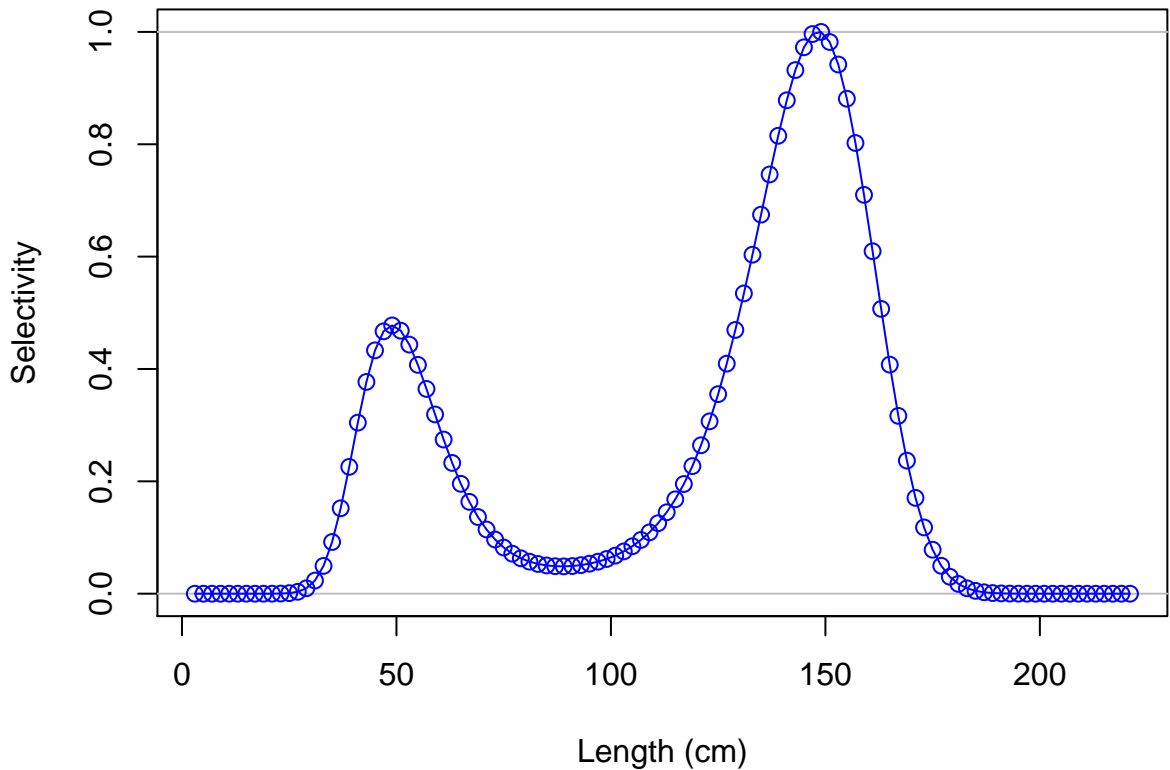




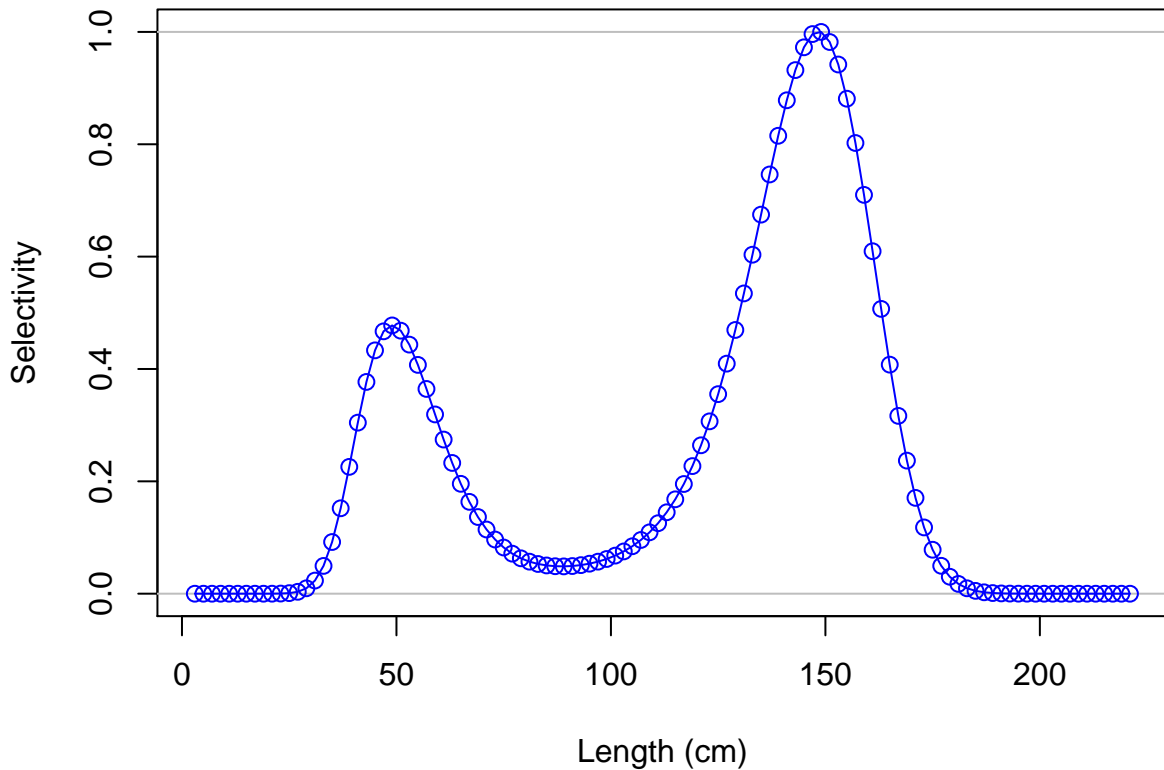
## Male ending year selectivity for A3-NOADEL



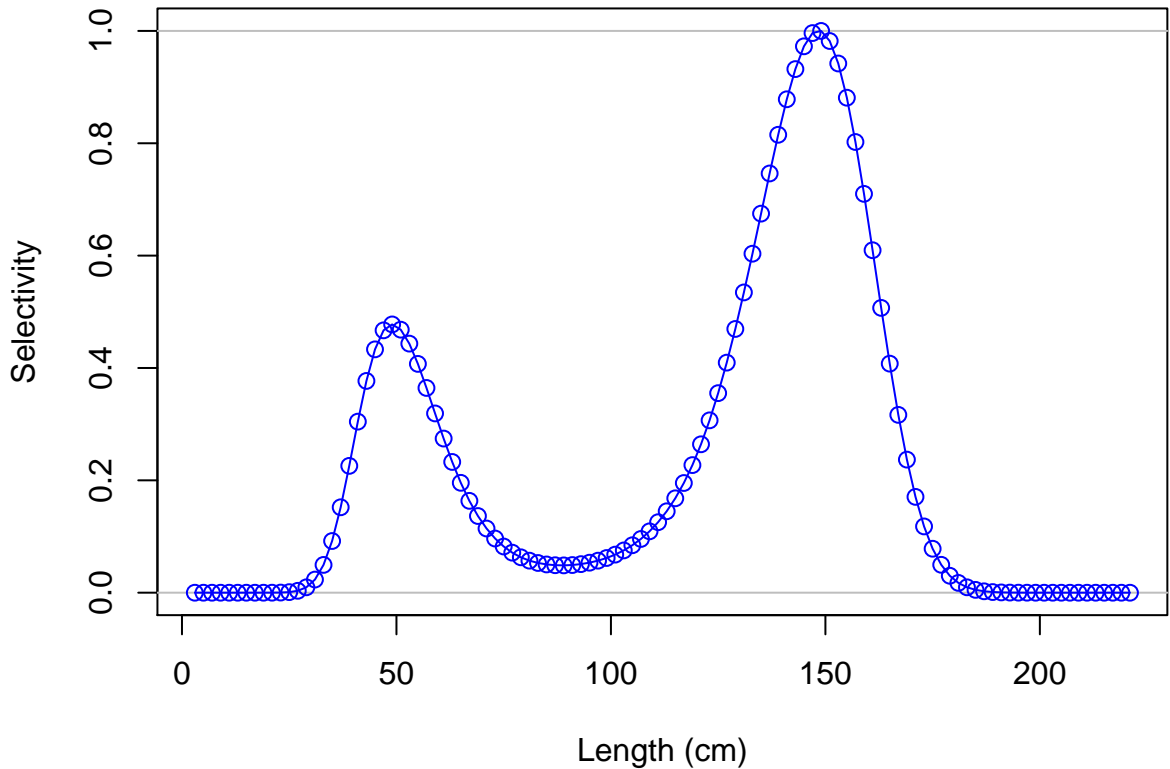
## Female ending year selectivity for A4-NOADEL



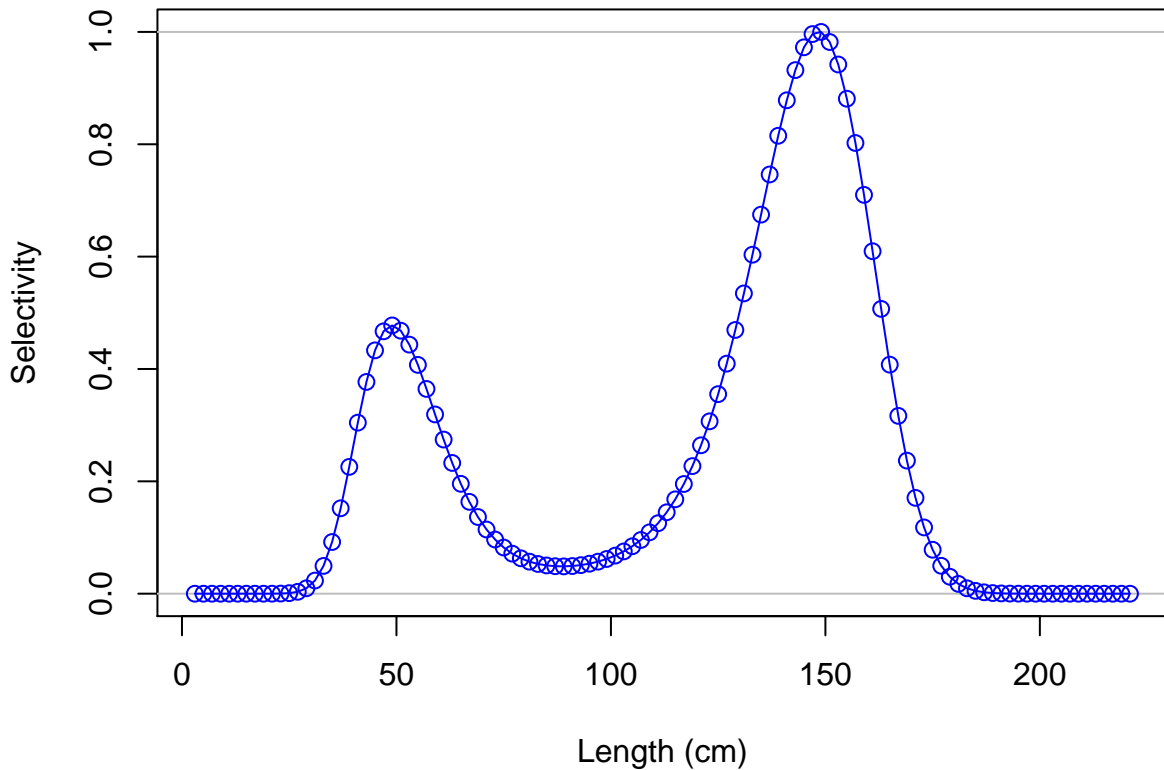
## Male ending year selectivity for A4-NOADEL



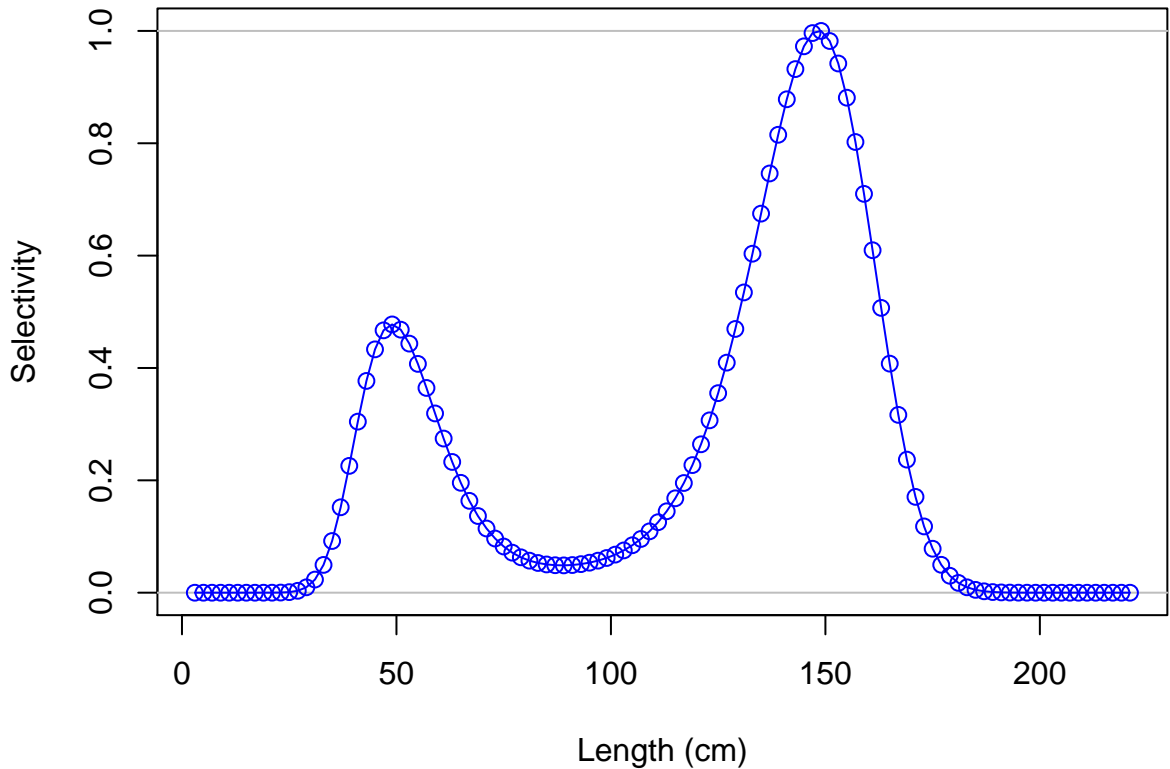
## Female ending year selectivity for A5-NOADEL



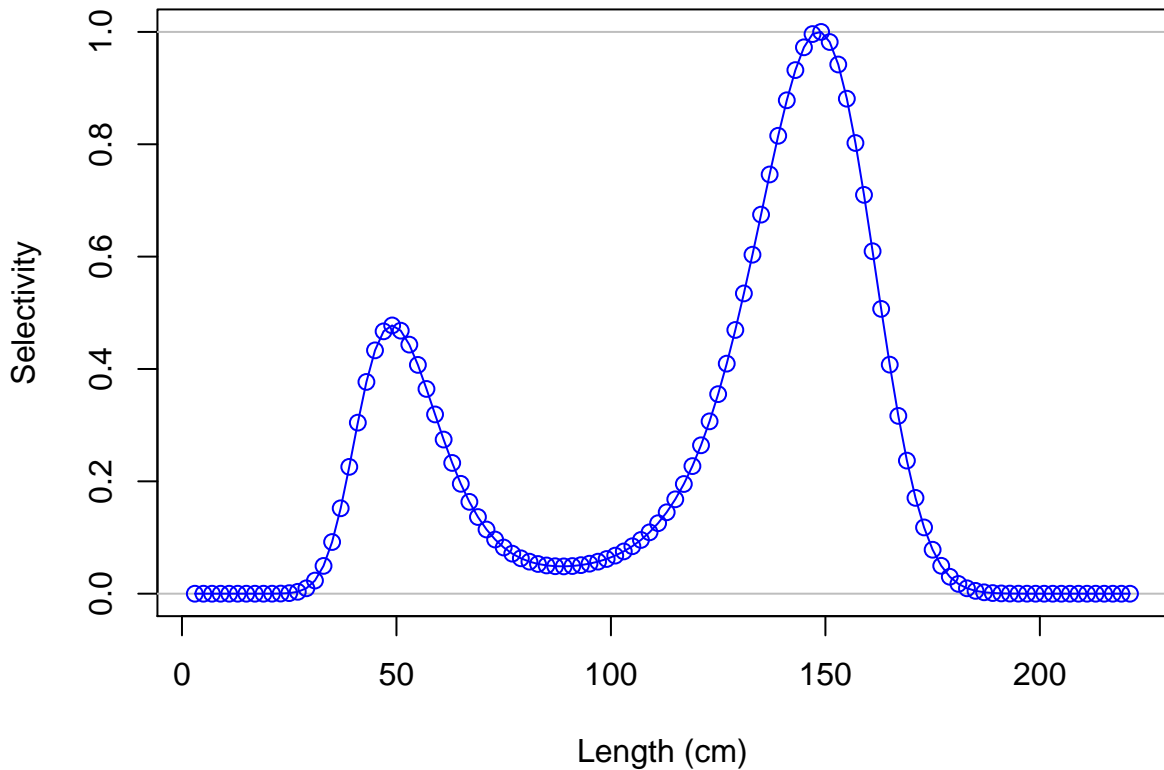
## Male ending year selectivity for A5-NOADEL



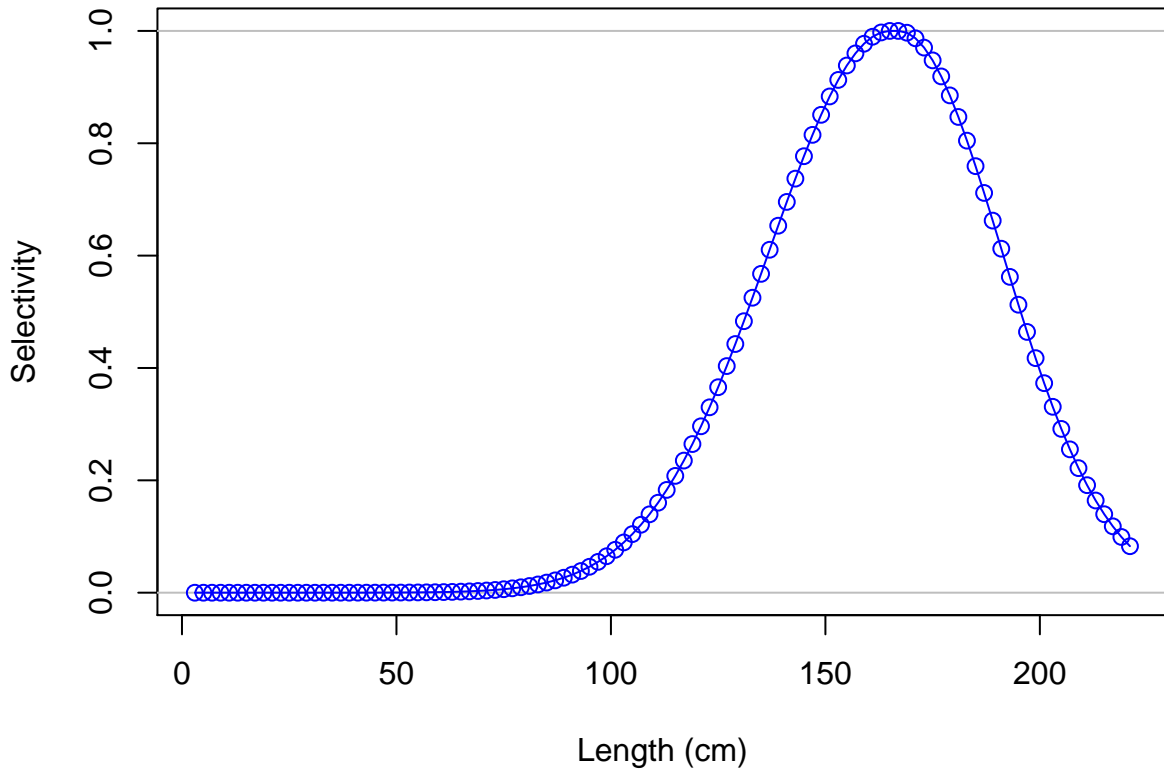
## Female ending year selectivity for A6-NOADEL



## Male ending year selectivity for A6-NOADEL

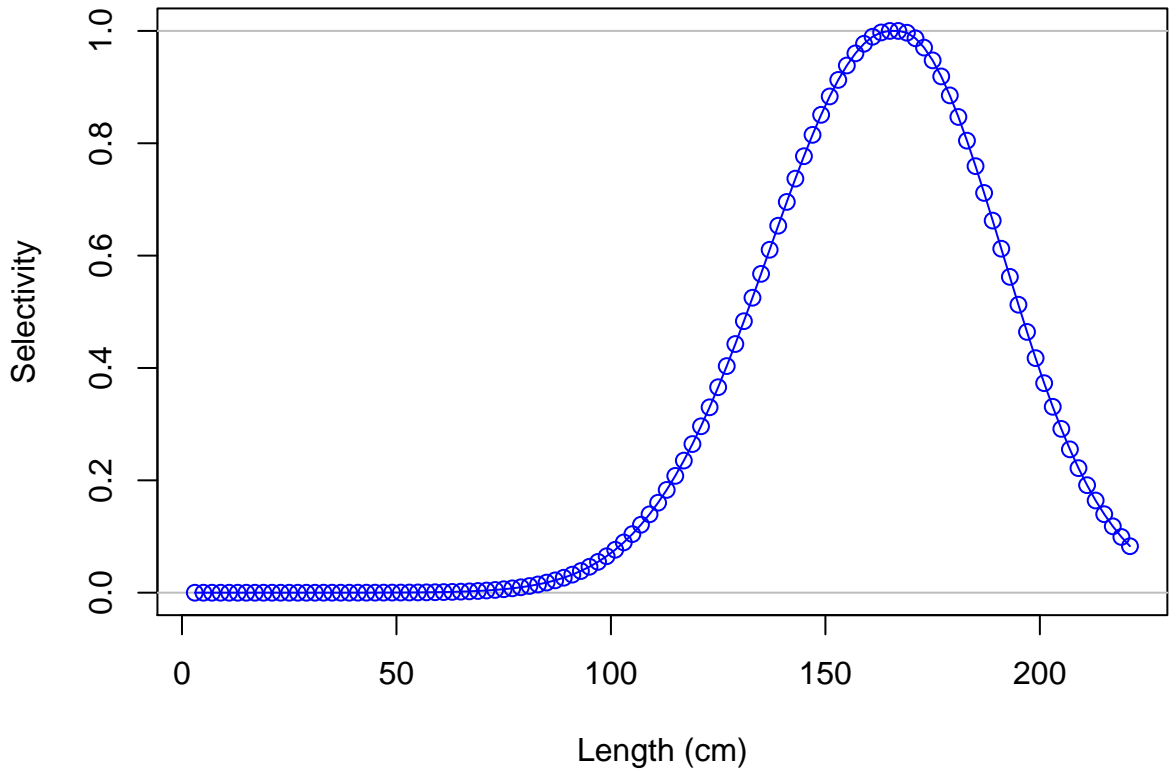


# Female ending year selectivity for EPO-LL-survey-late

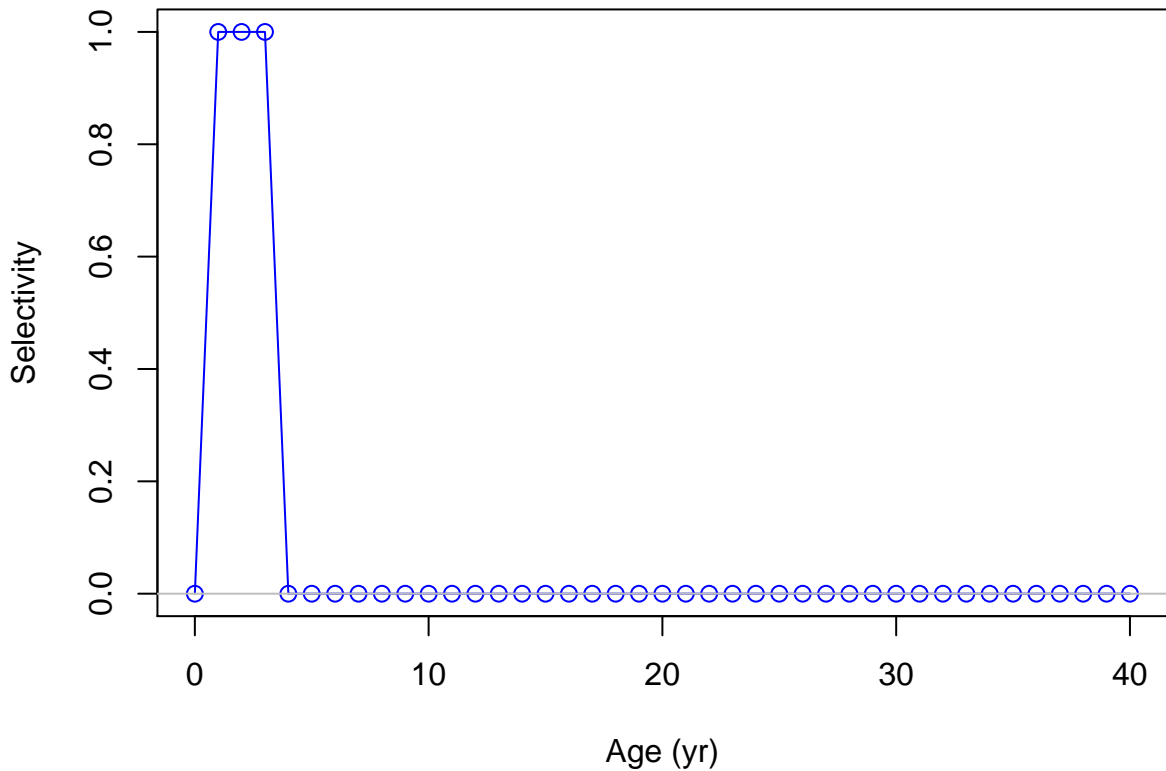




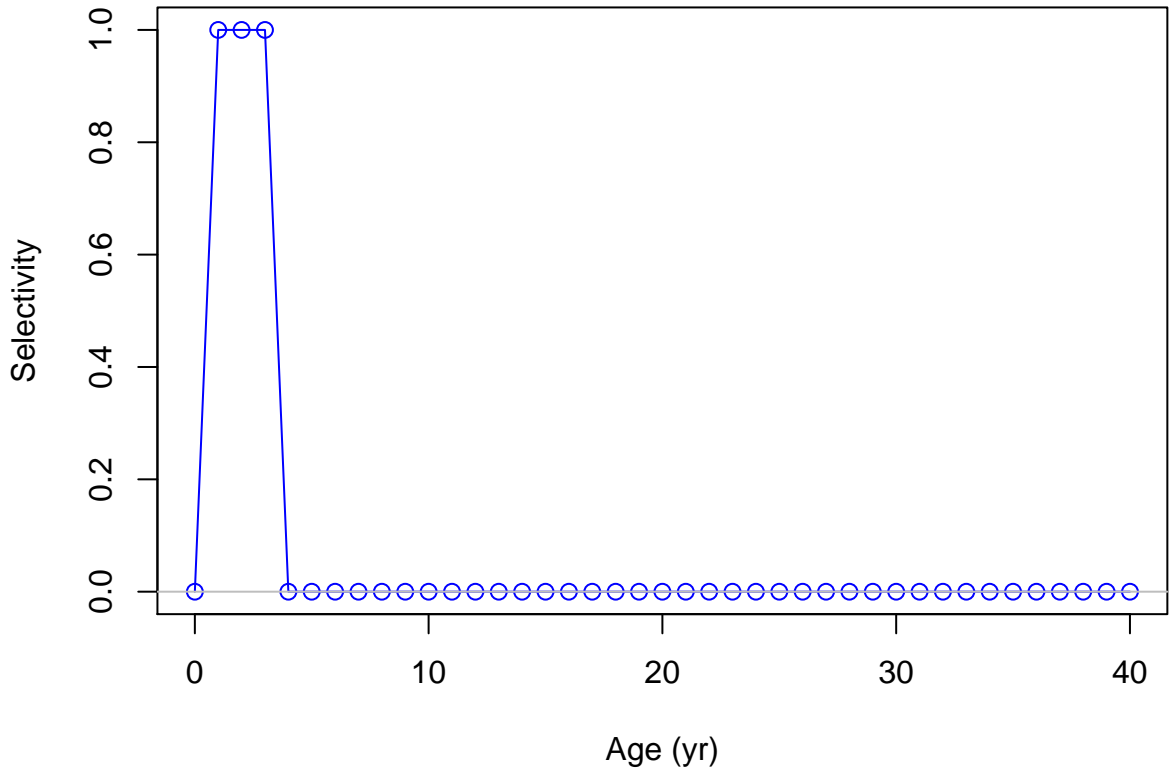
# Male ending year selectivity for EPO-LL-survey-late



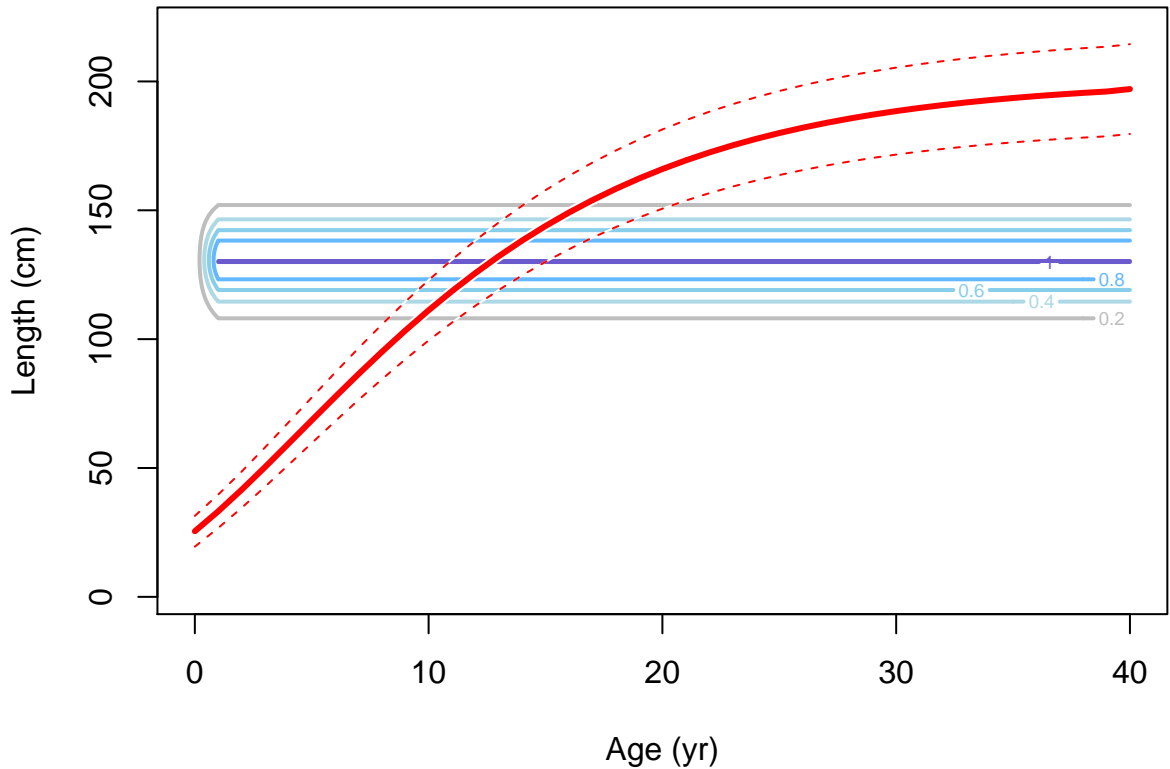
## Female ending year selectivity for EPO-OBJ-Disc



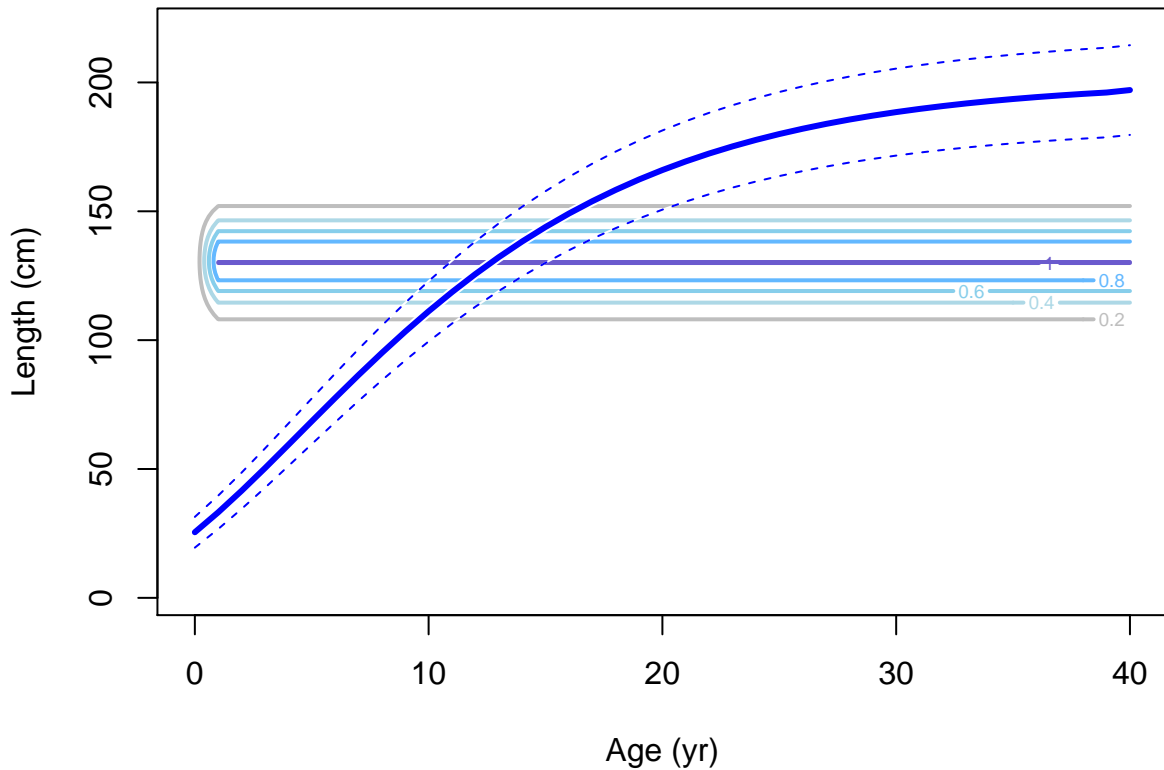
# Male ending year selectivity for EPO-OBJ-Disc



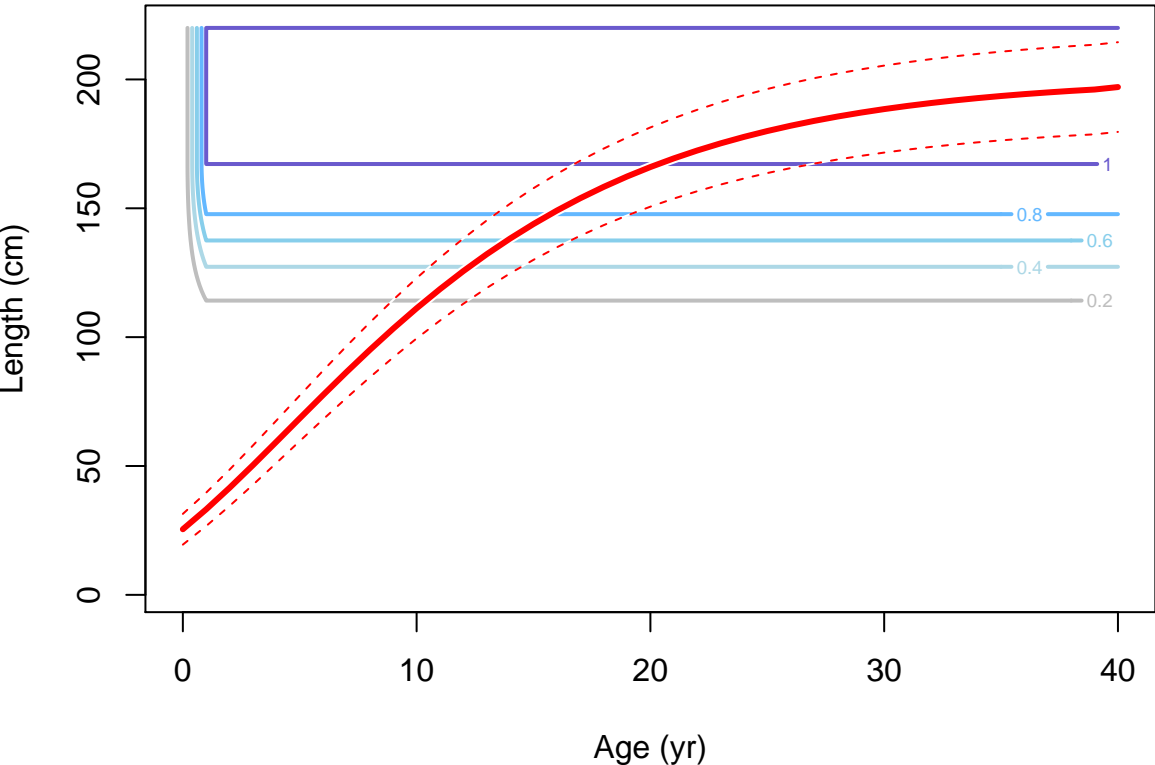
## Female ending year selectivity and growth for A1-LL-n



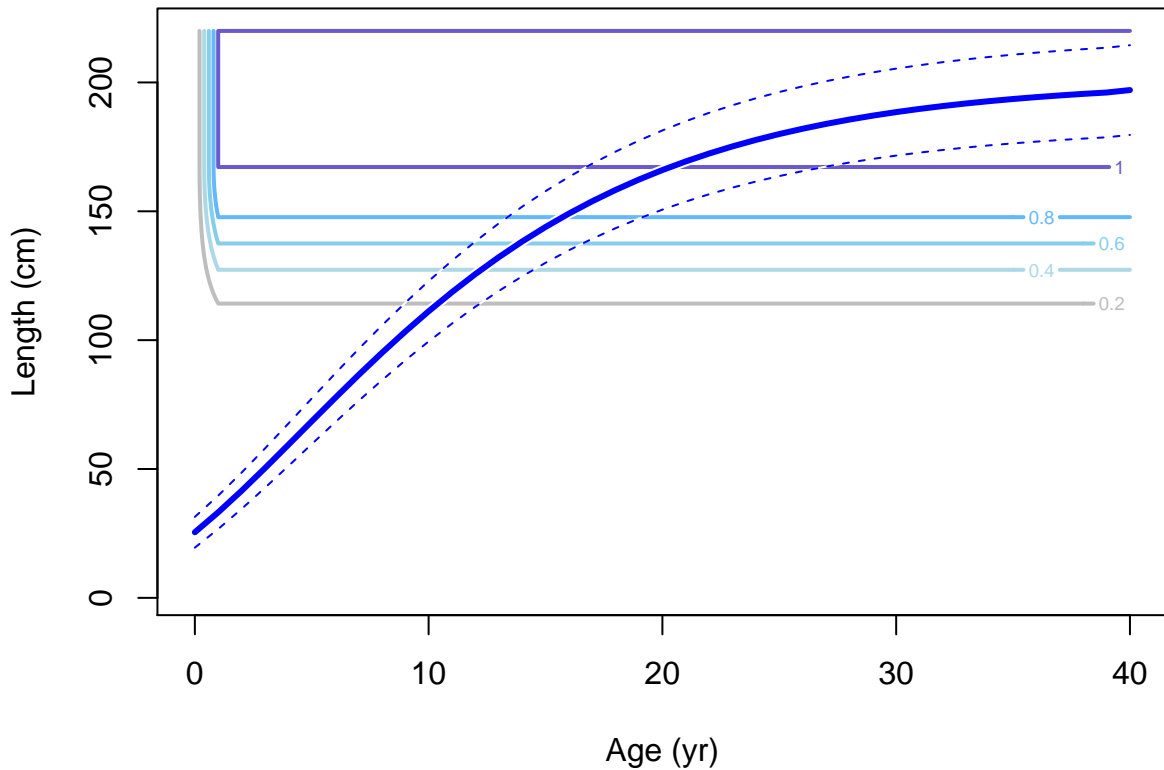
# Male ending year selectivity and growth for A1-LL-n



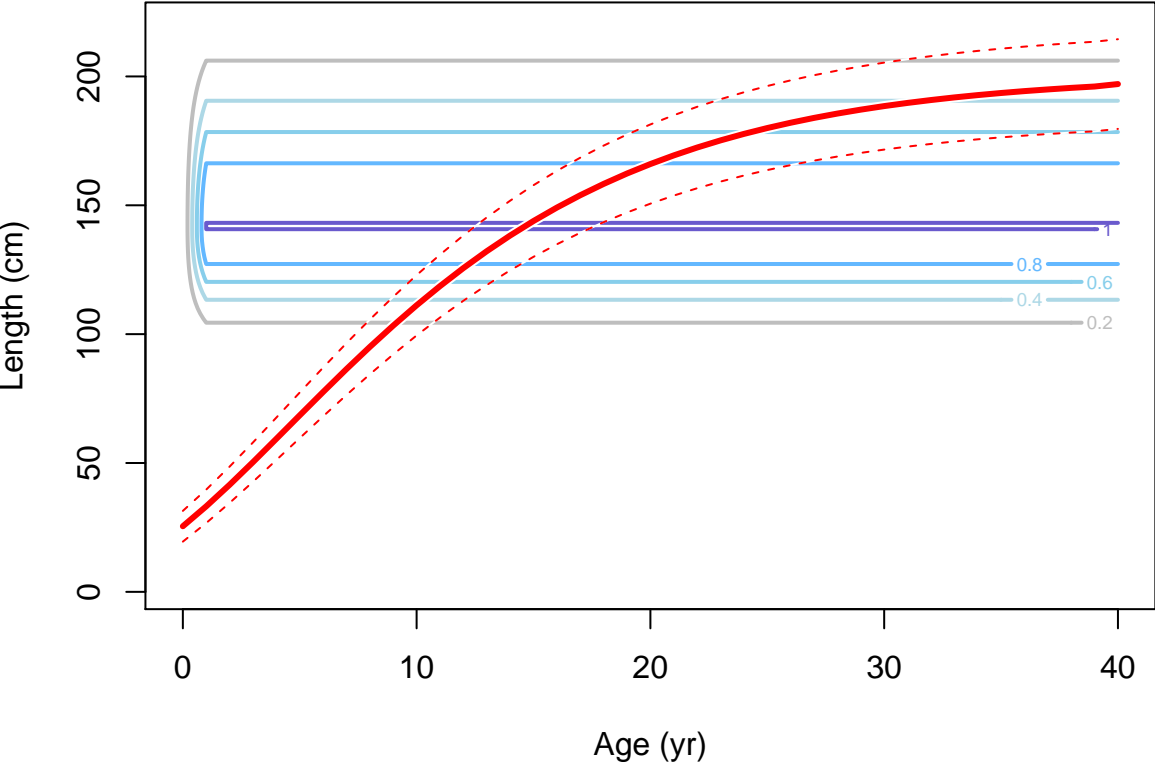
Female ending year selectivity and growth for A2-LL-n



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

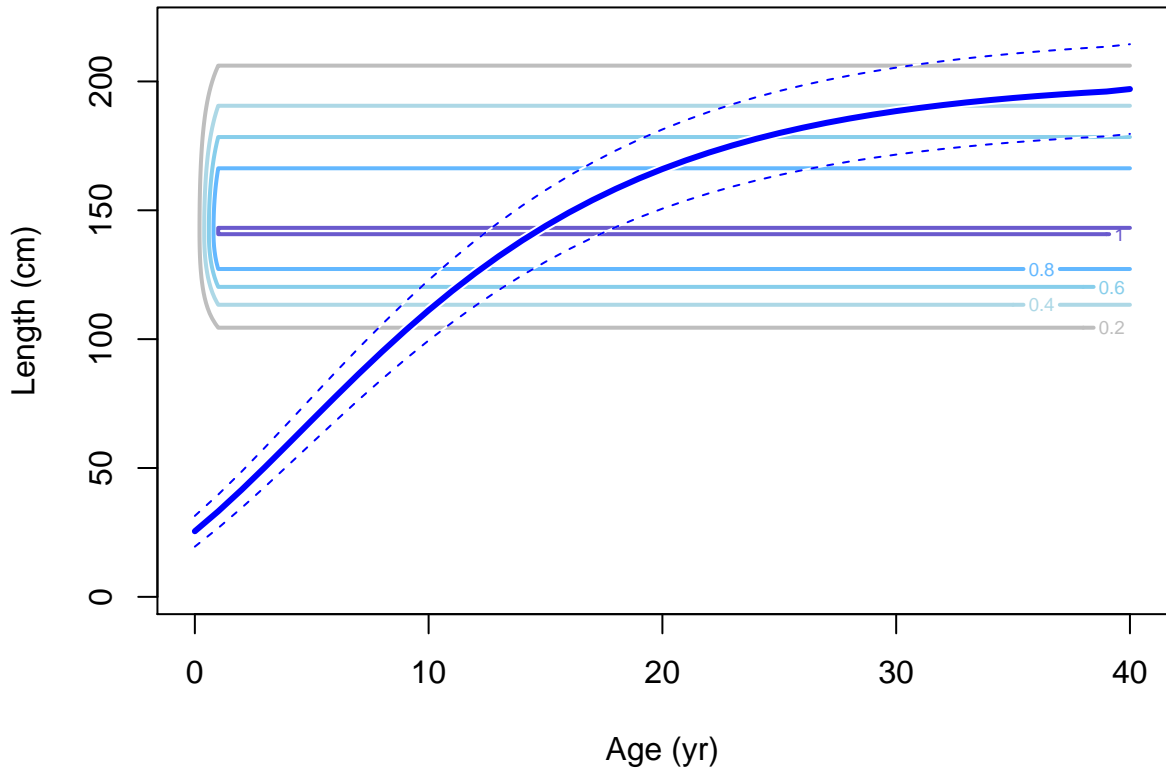


# Female ending year selectivity and growth for A3-LL-n

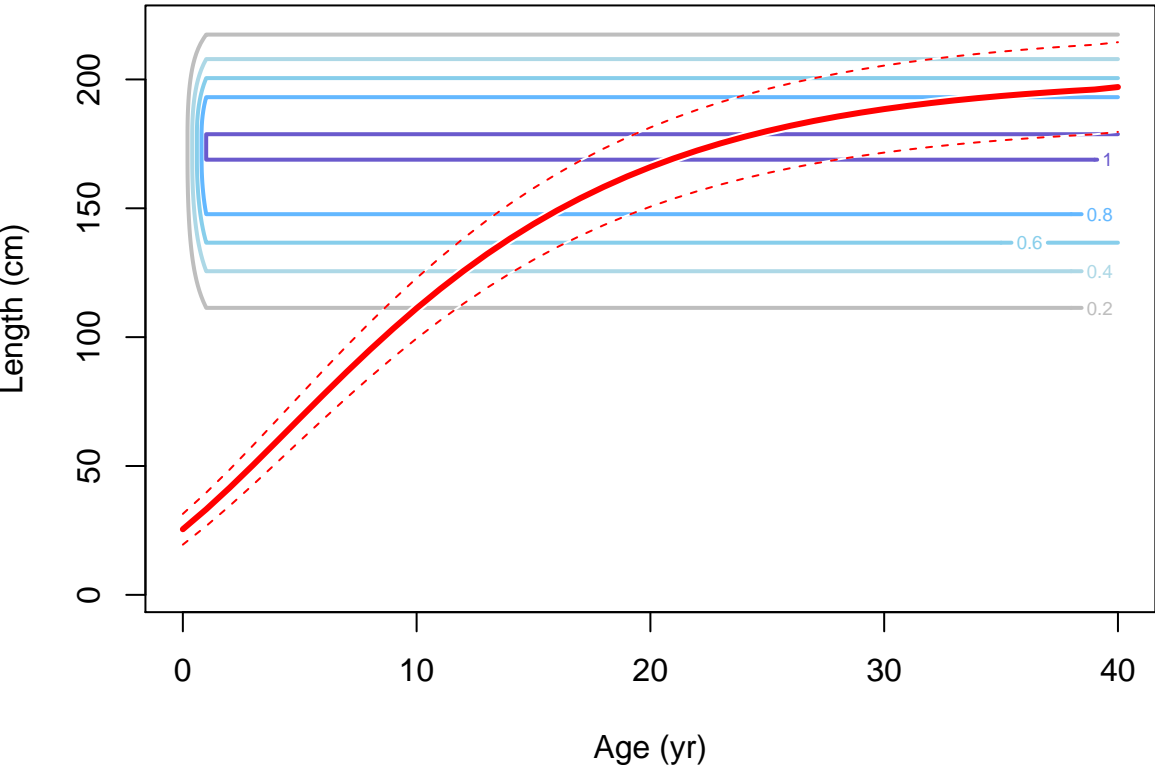




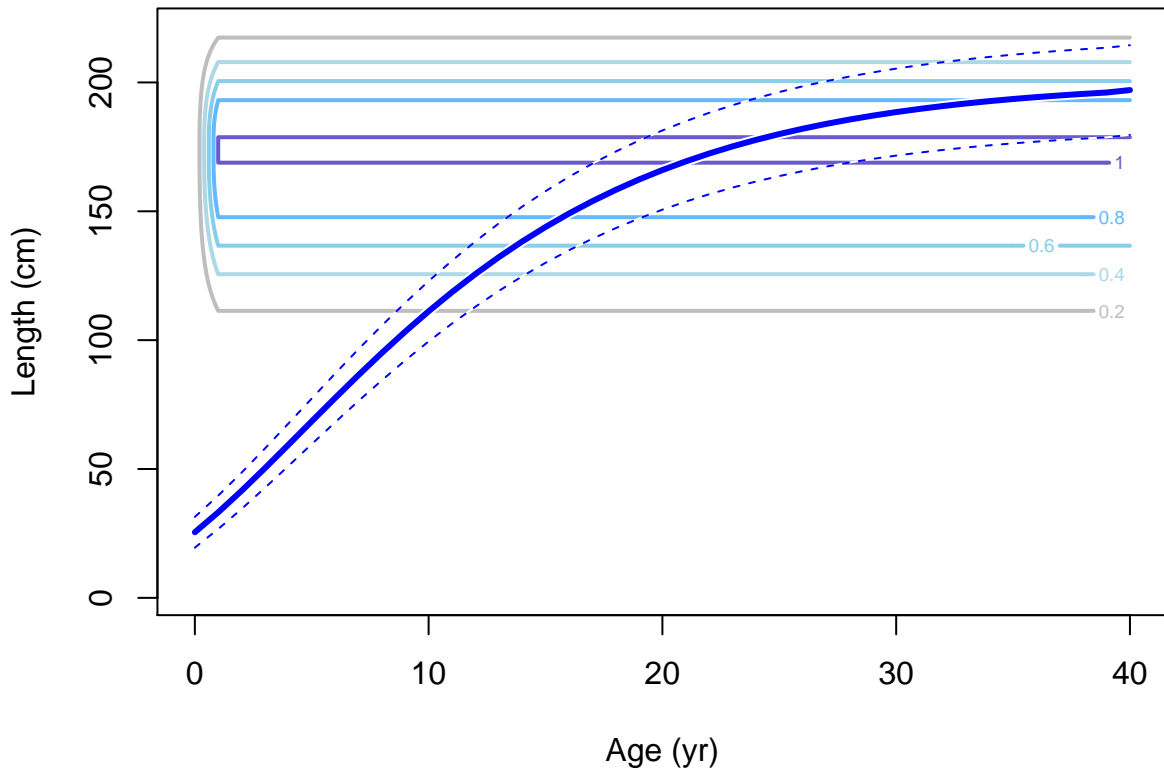
# Male ending year selectivity and growth for A3-LL-n



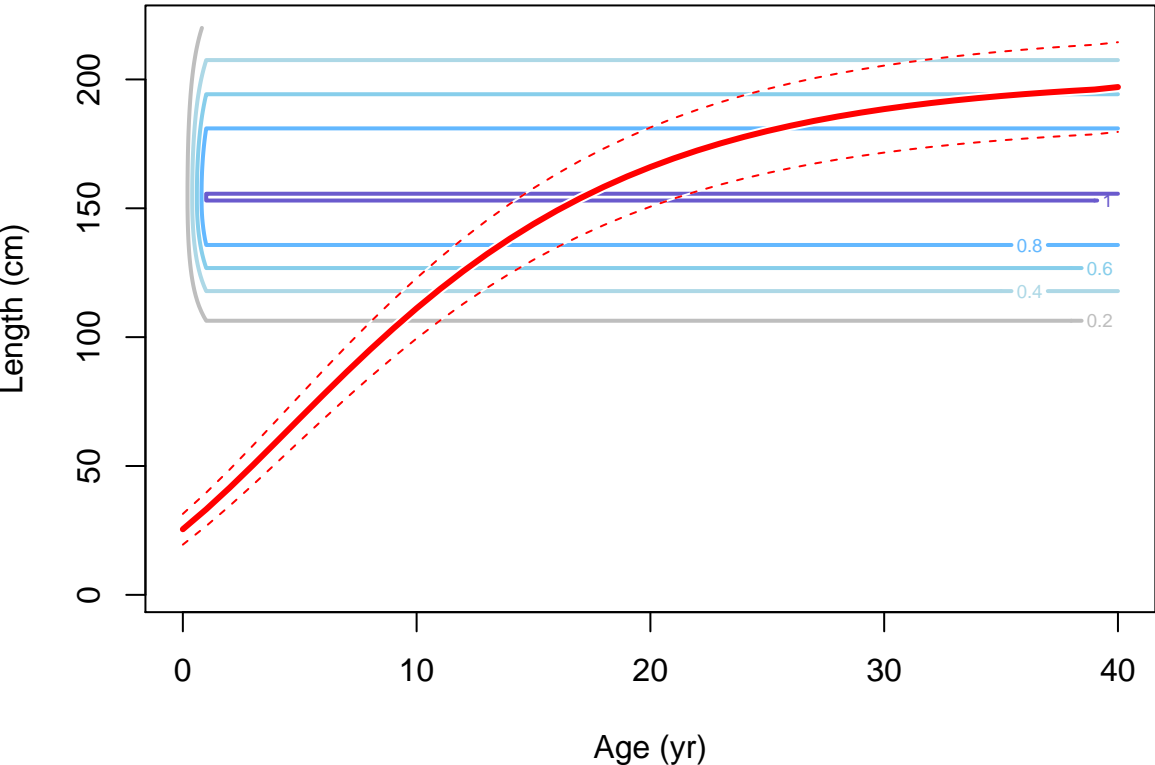
# Female ending year selectivity and growth for A4-LL-n



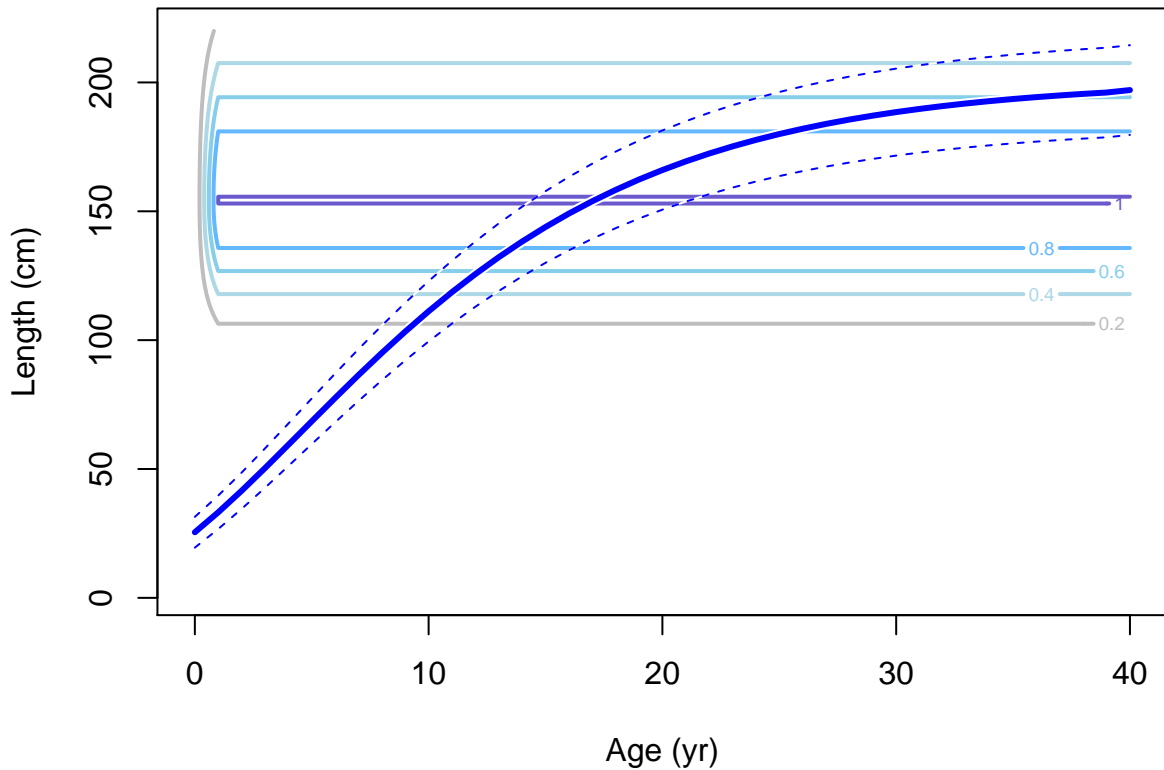
# Male ending year selectivity and growth for A4-LL-n



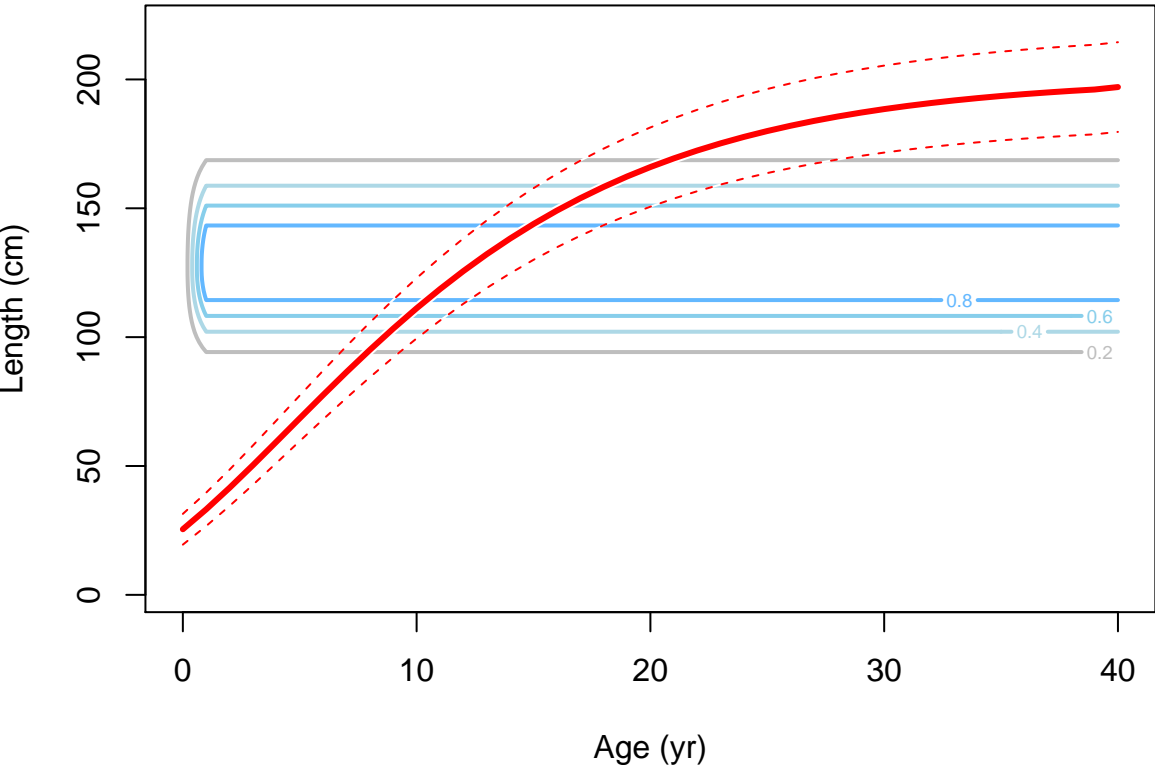
# Female ending year selectivity and growth for A5-LL-n



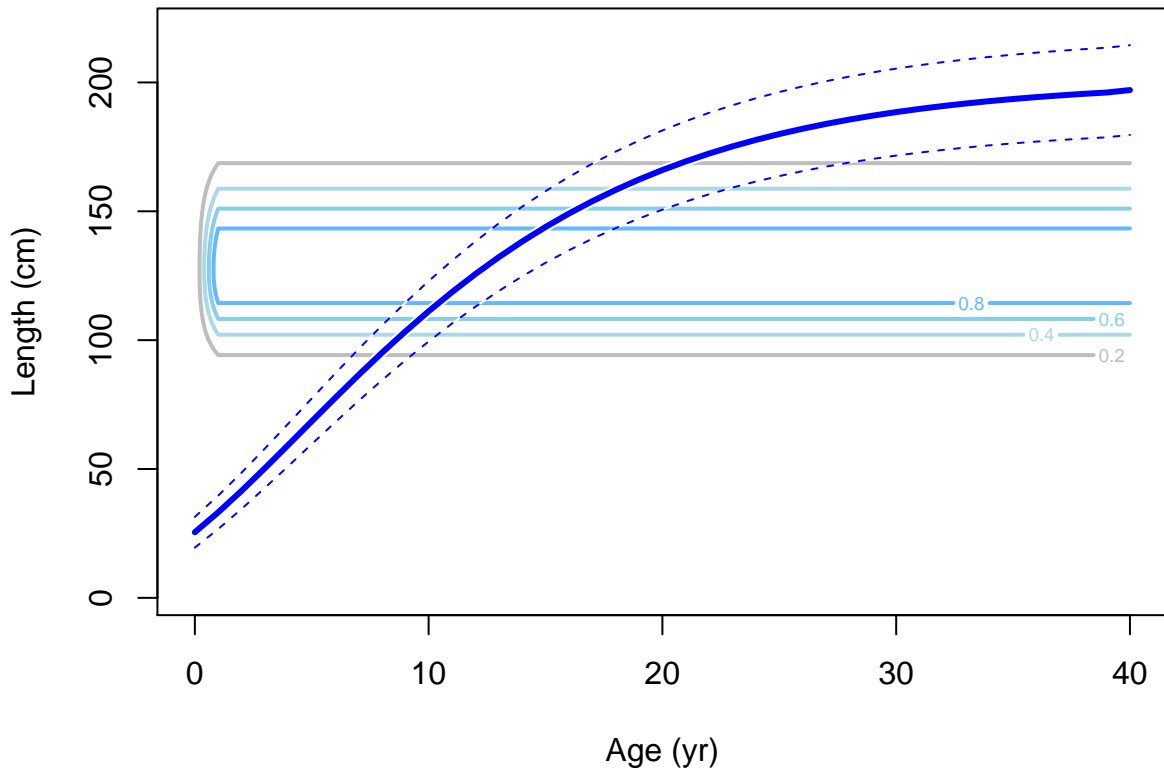
# Male ending year selectivity and growth for A5-LL-n



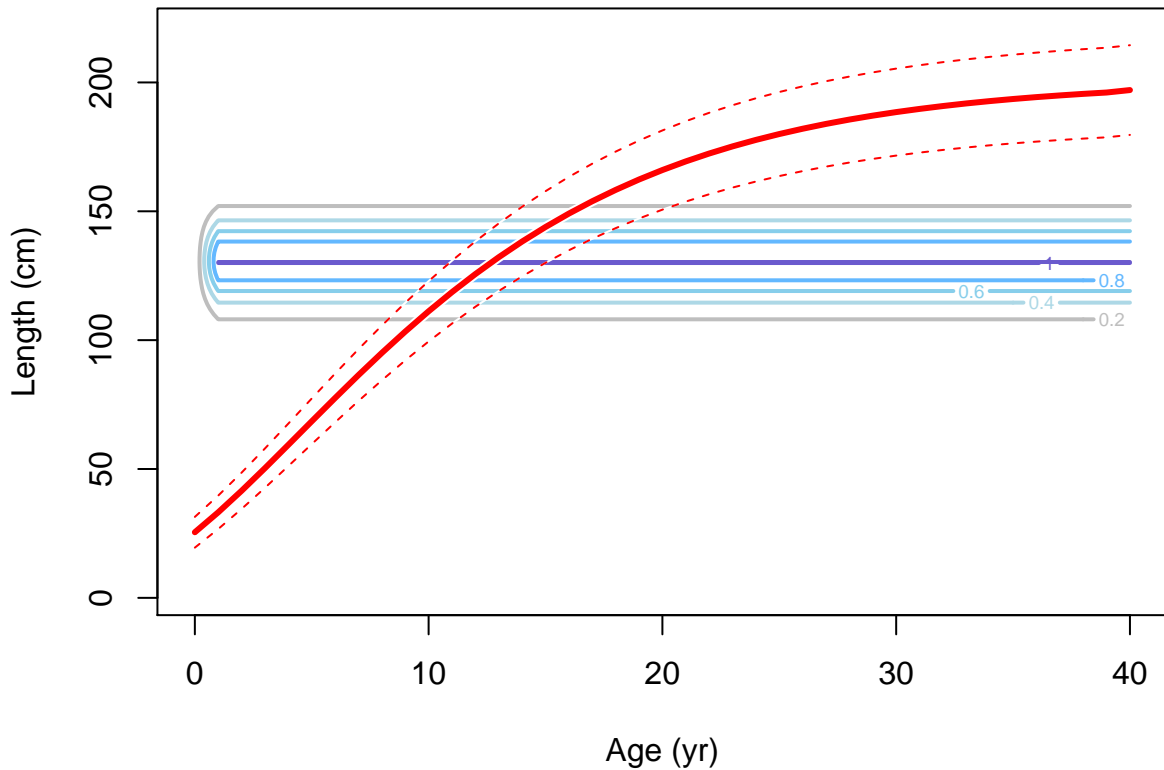
# Female ending year selectivity and growth for A6-LL-n



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

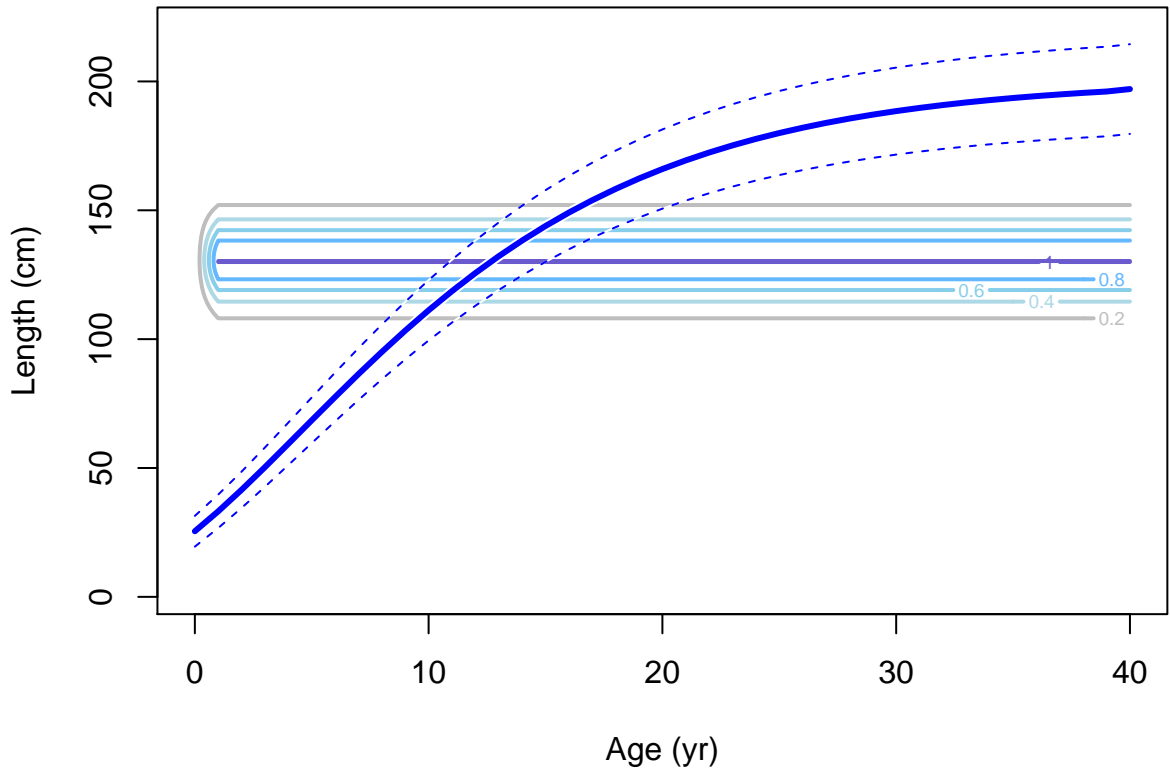


## Female ending year selectivity and growth for A1-LL-w

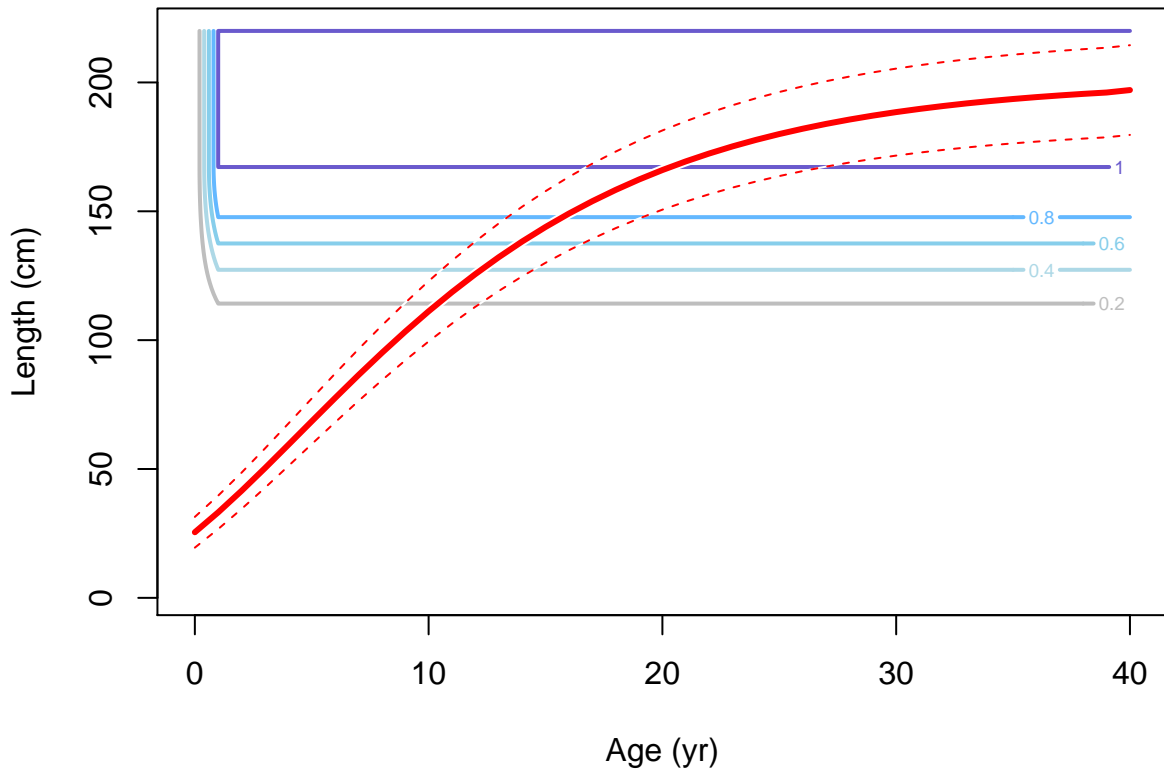




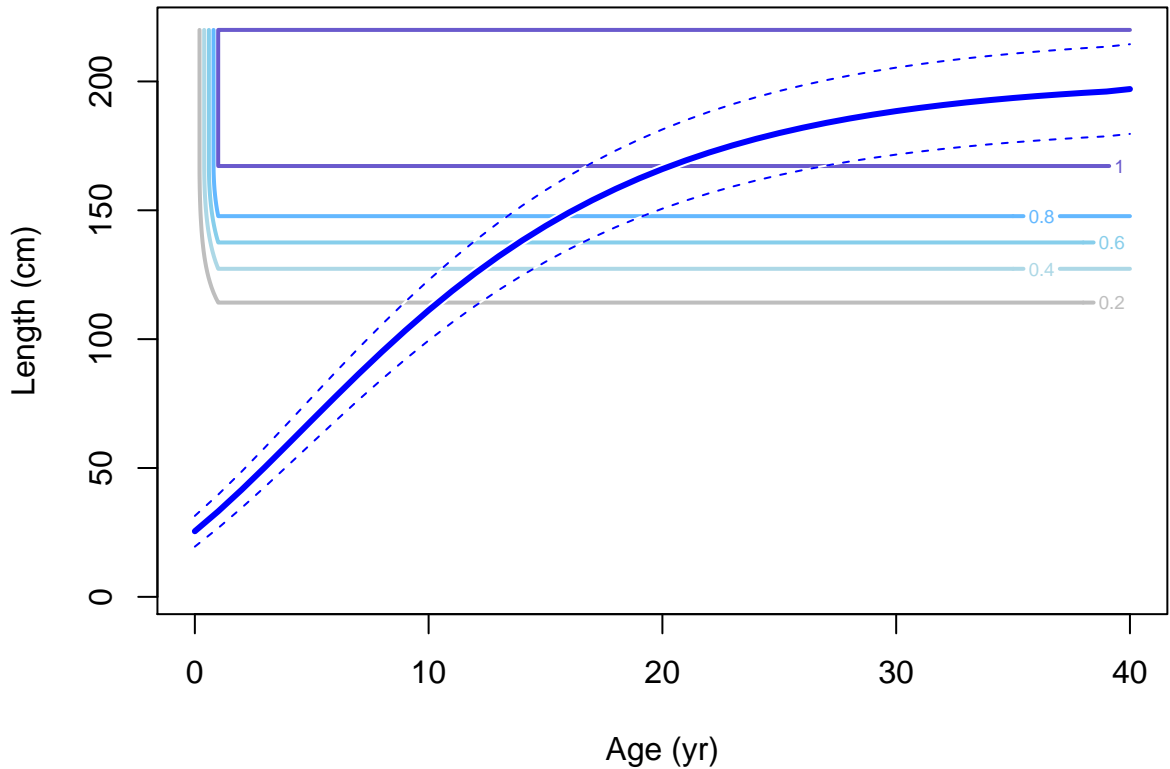
# Male ending year selectivity and growth for A1-LL-w



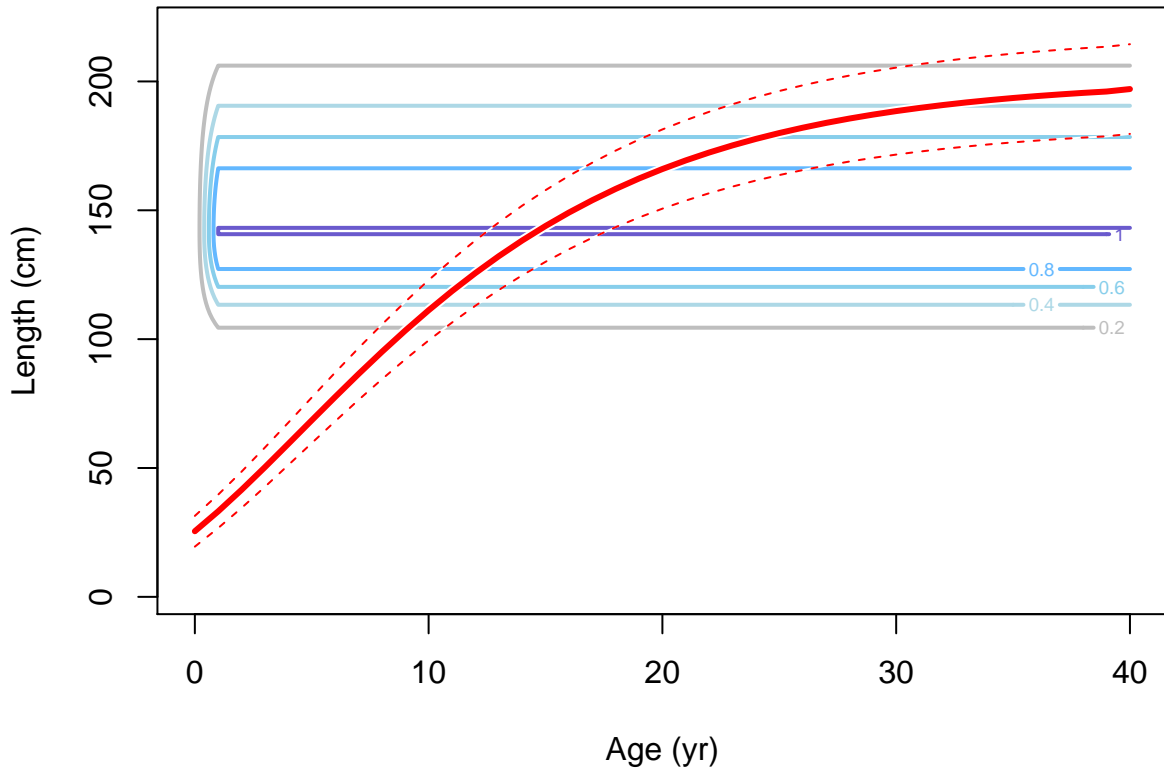
## Female ending year selectivity and growth for A2-LL-w



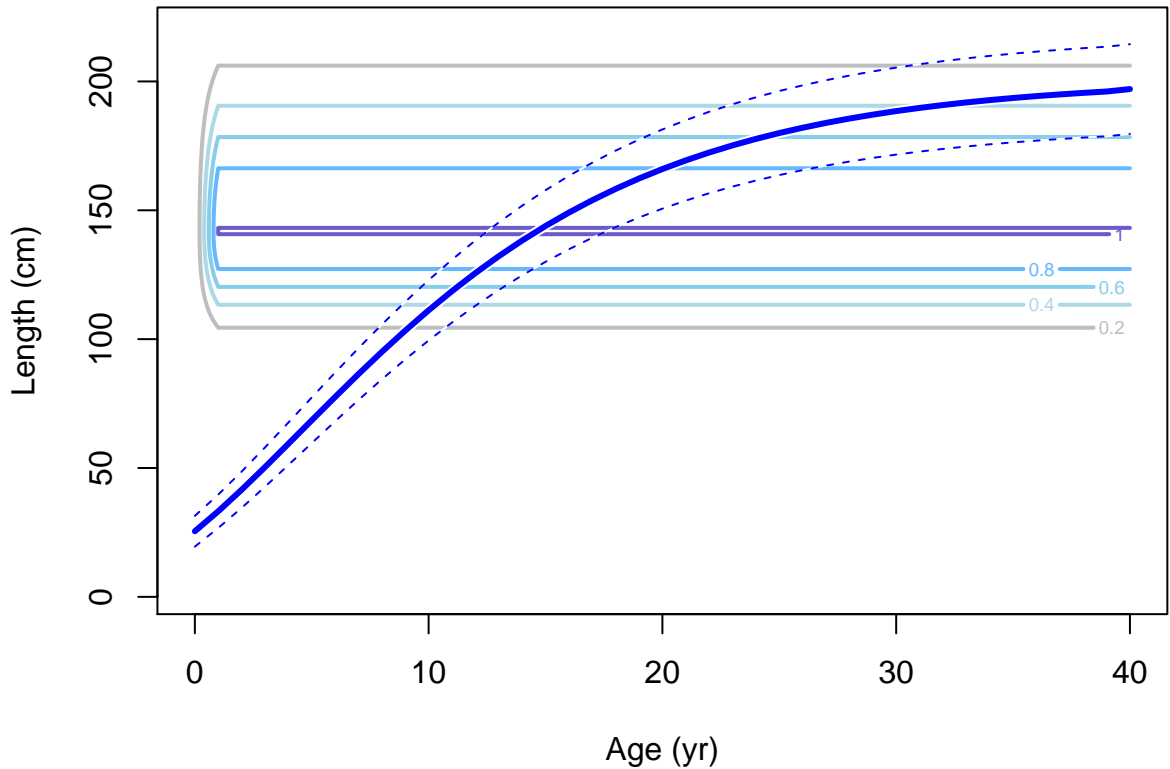
## Male ending year selectivity and growth for A2-LL-w



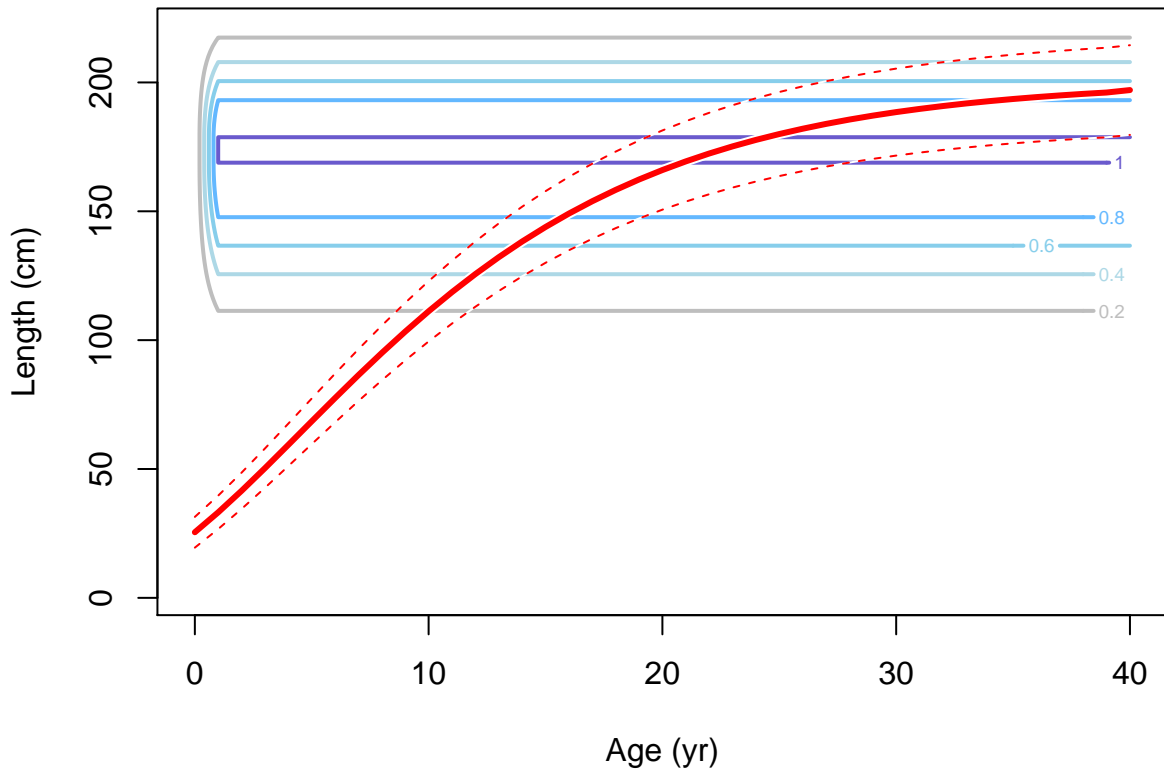
## Female ending year selectivity and growth for A3-LL-w



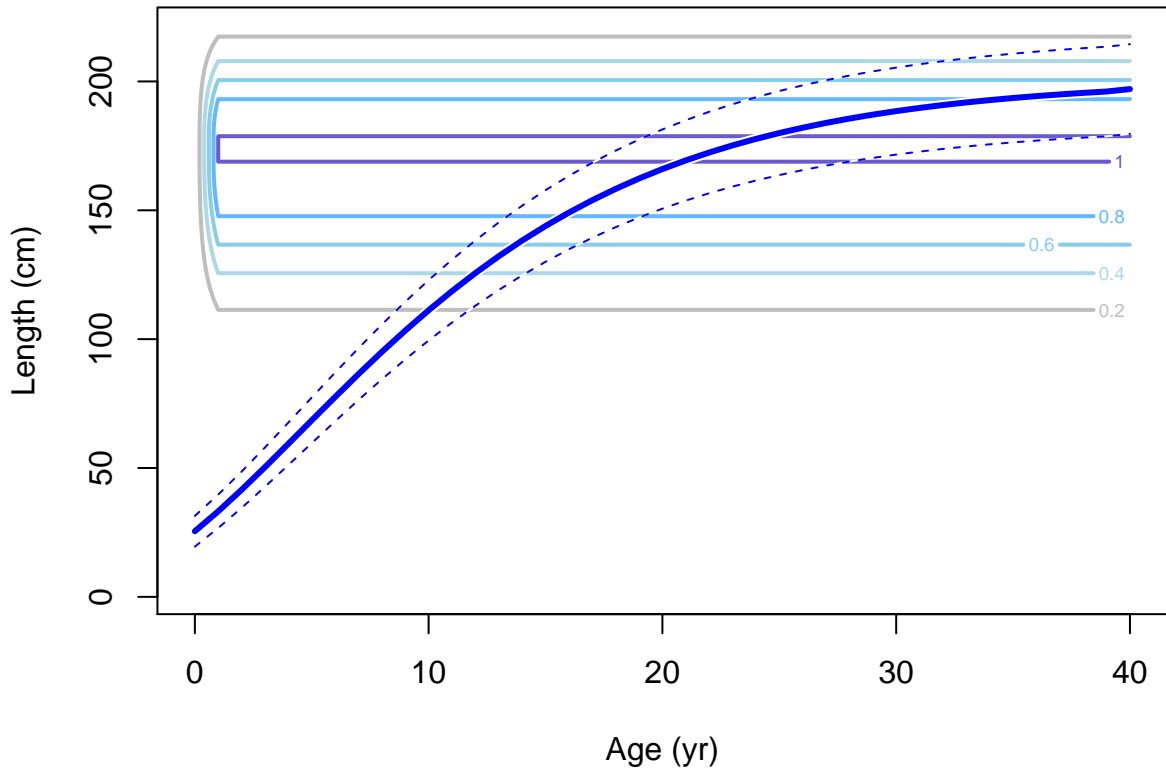
## Male ending year selectivity and growth for A3-LL-w



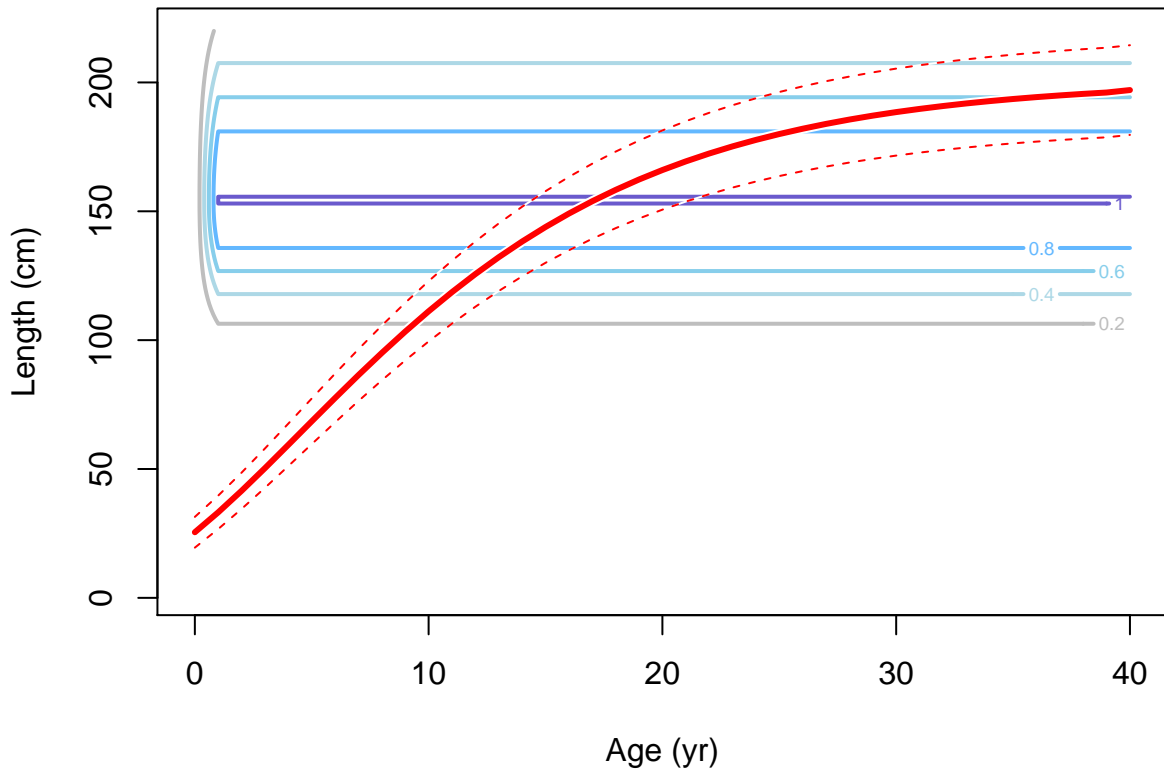
## Female ending year selectivity and growth for A4-LL-w



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

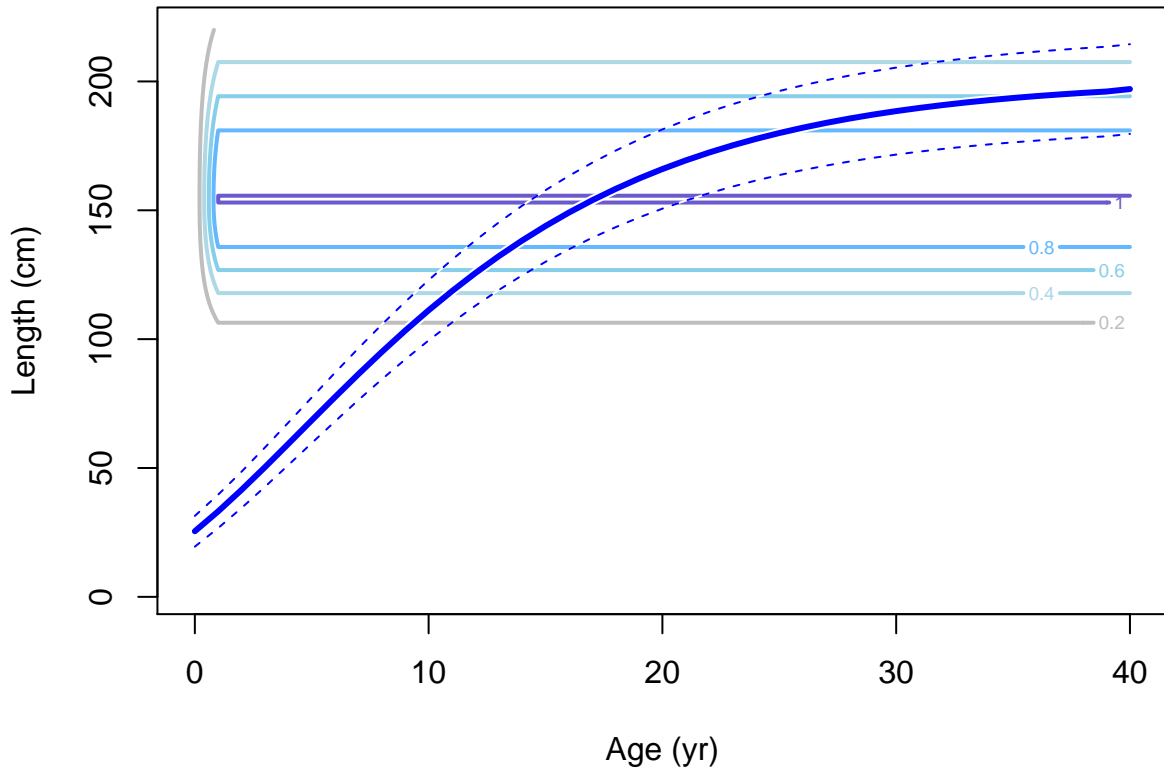


## Female ending year selectivity and growth for A5-LL-w

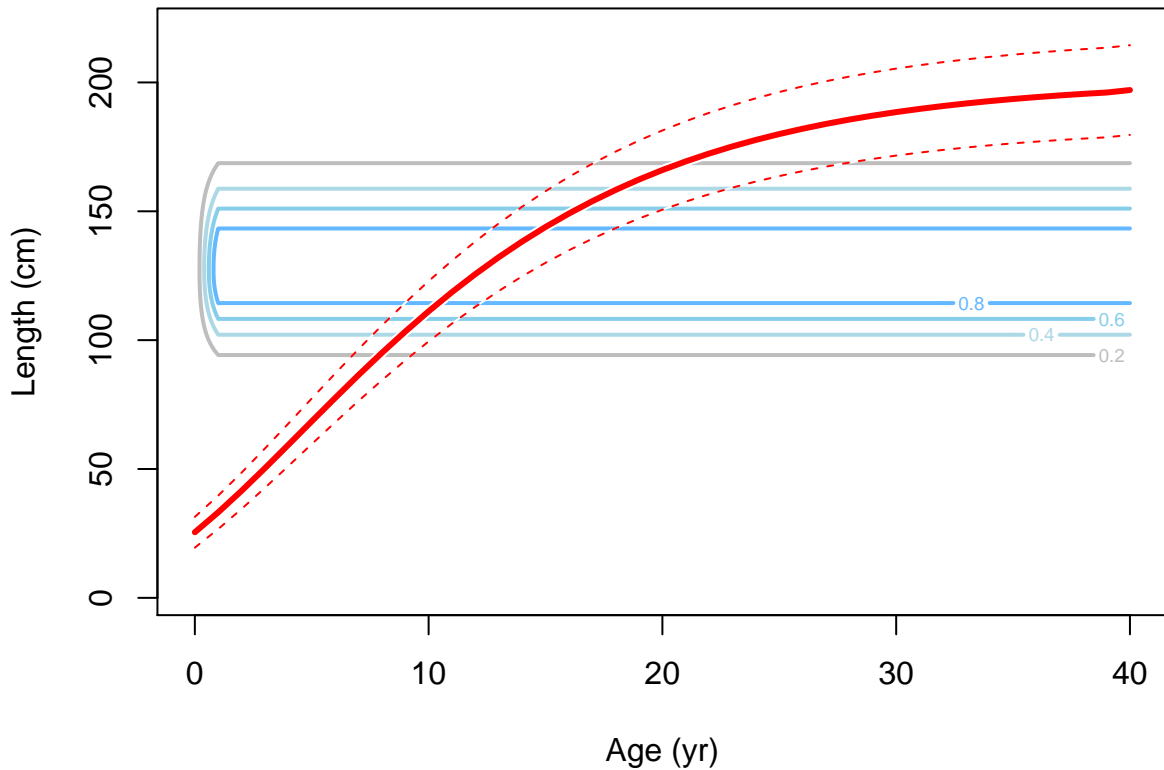




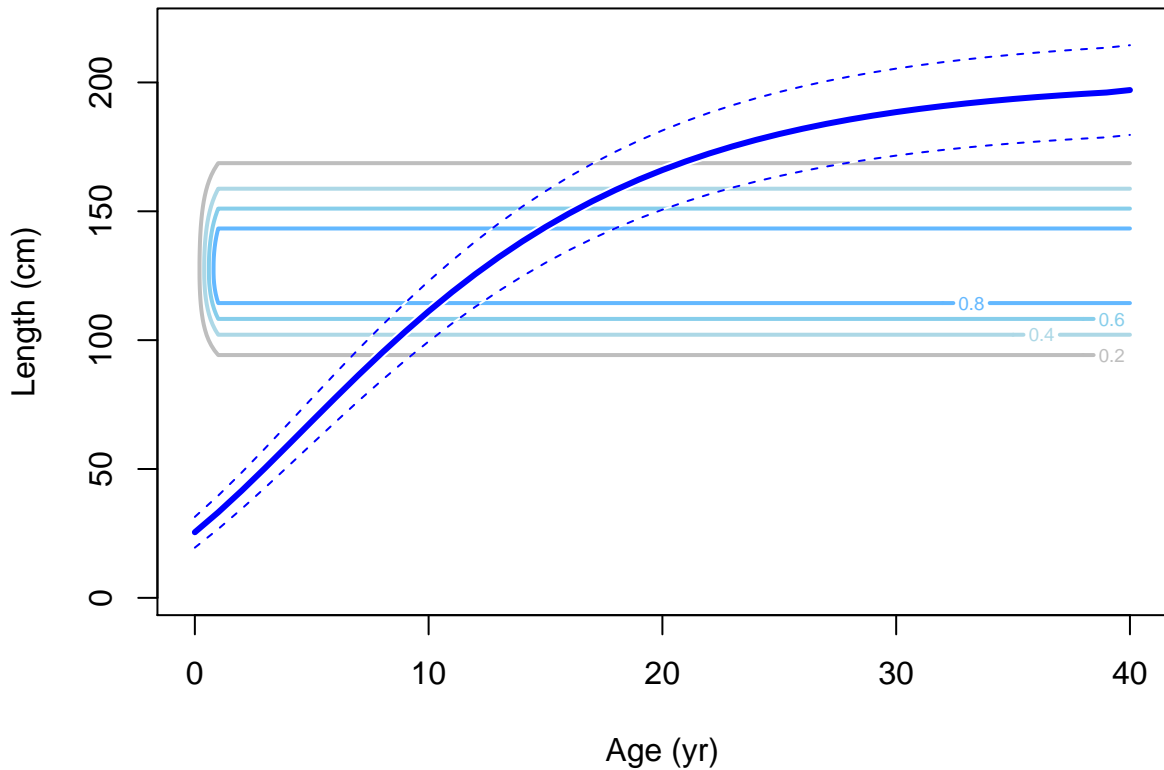
## Male ending year selectivity and growth for A5-LL-w



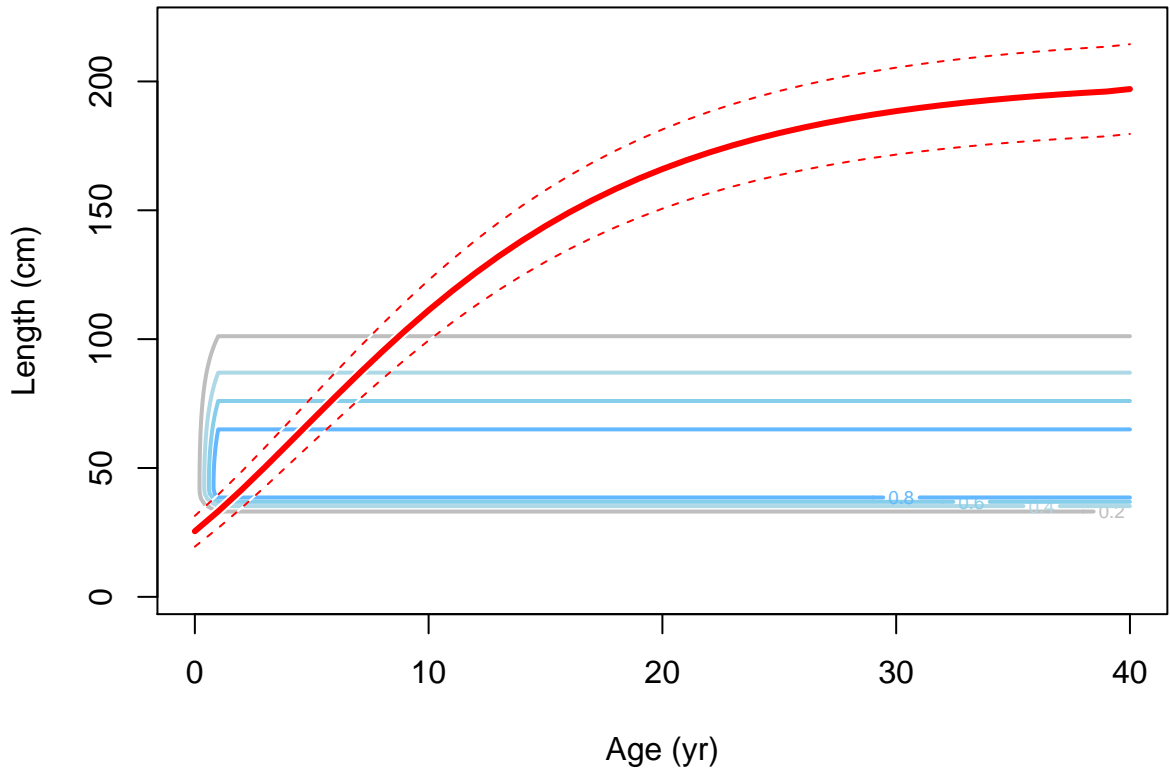
## Female ending year selectivity and growth for A6-LL-w



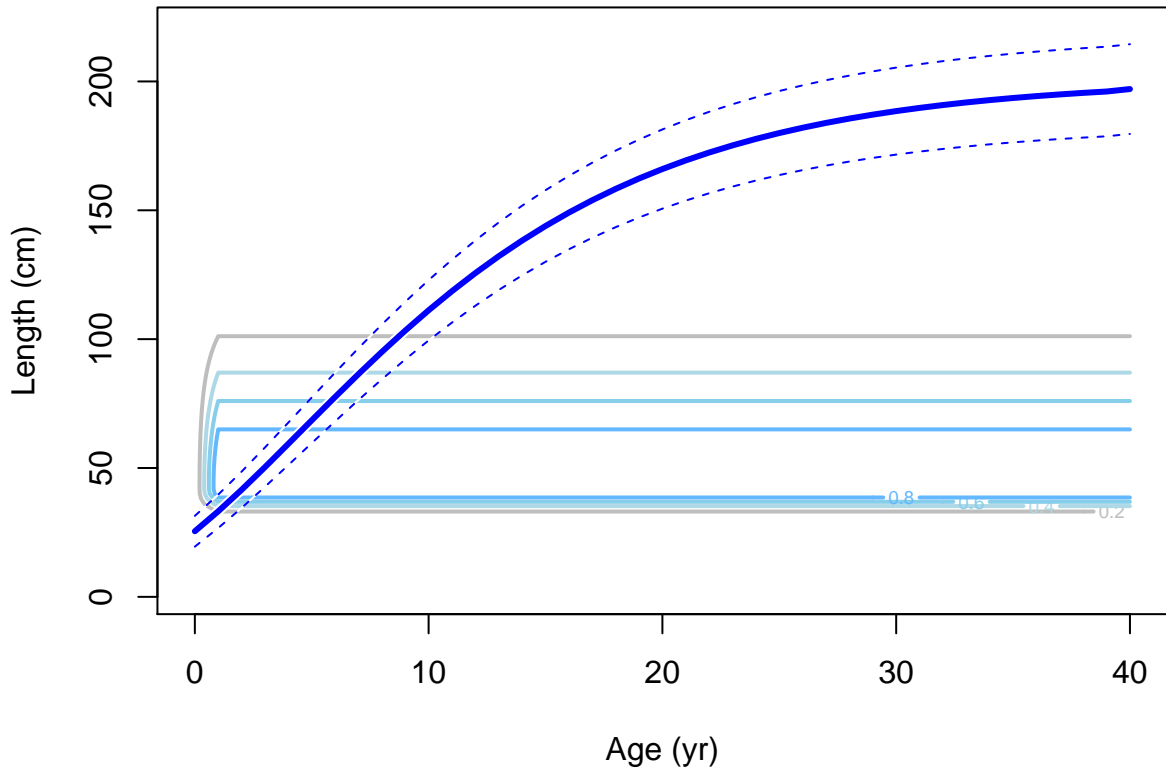
# Male ending year selectivity and growth for A6-LL-w



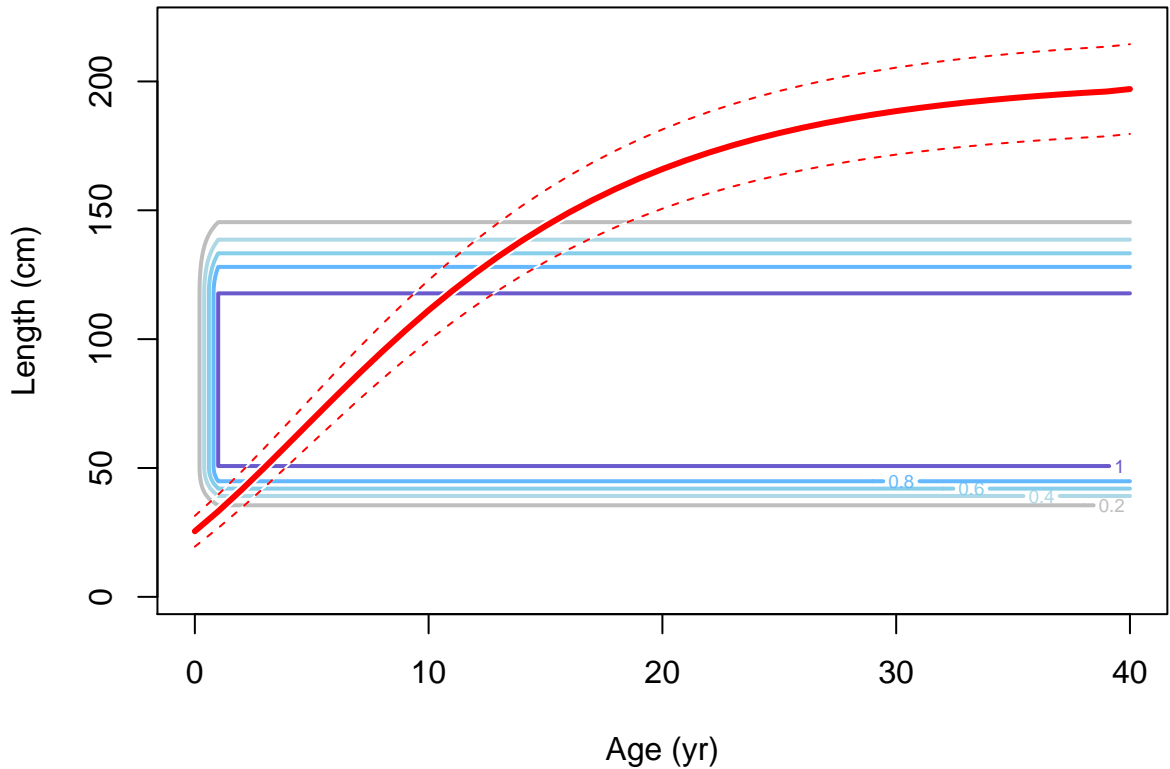
## Female ending year selectivity and growth for A2-OBJ



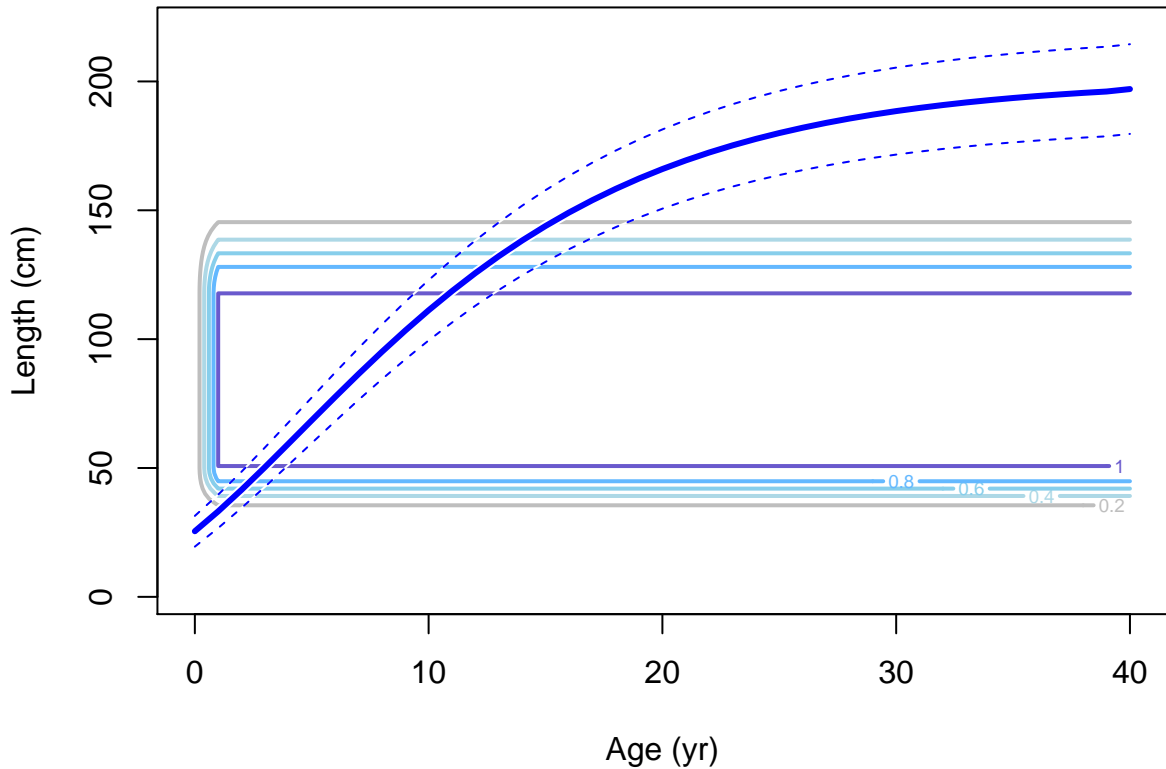
## Male ending year selectivity and growth for A2-OBJ



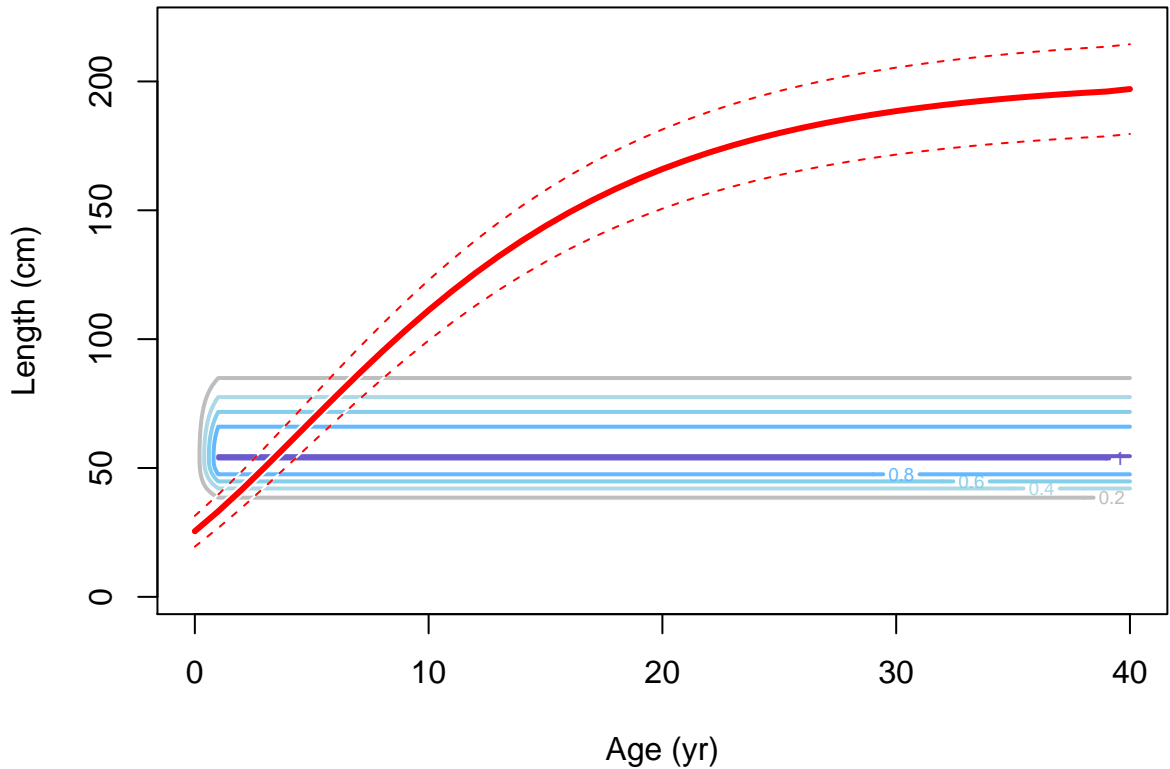
# Female ending year selectivity and growth for A3-OBJ



# Male ending year selectivity and growth for A3-OBJ

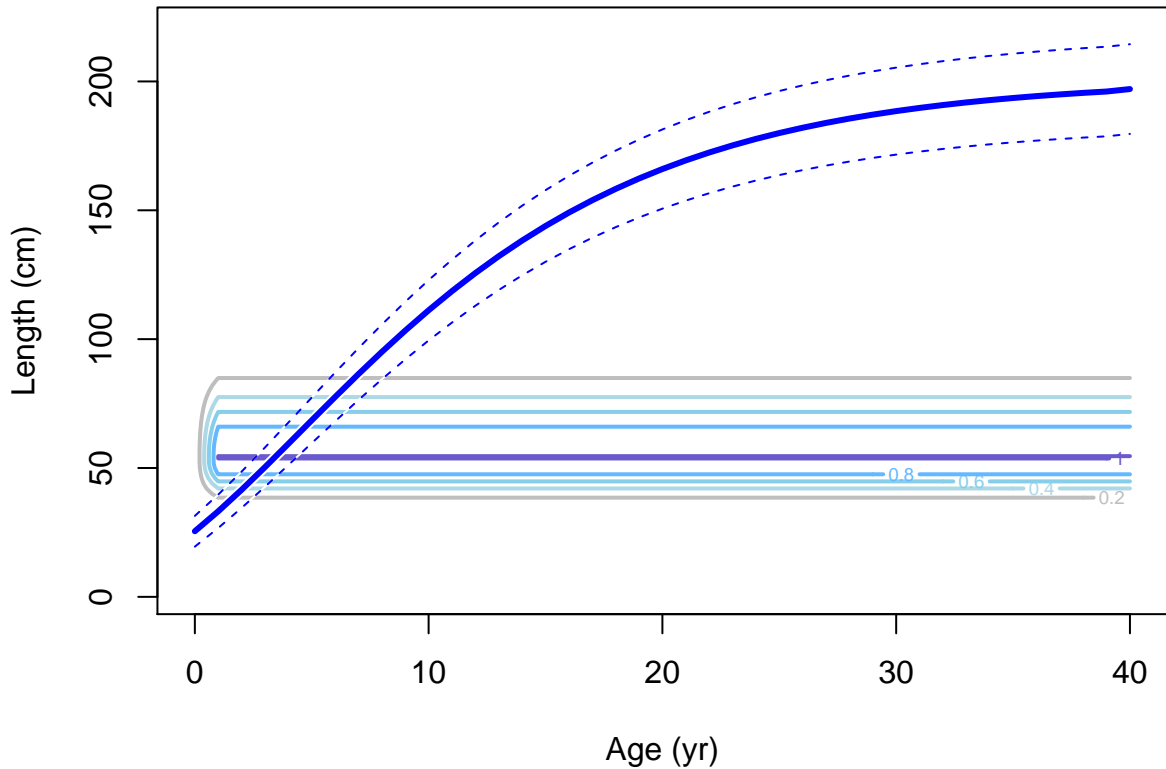


# Female ending year selectivity and growth for A4-OBJ

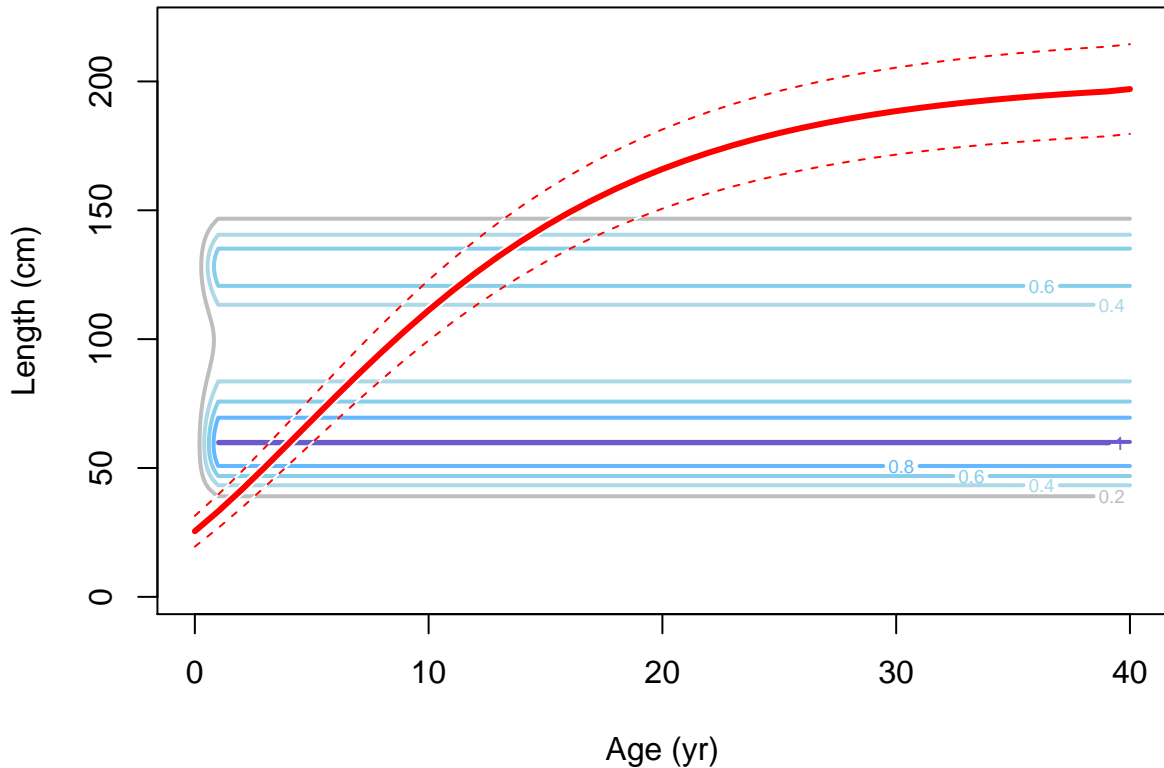




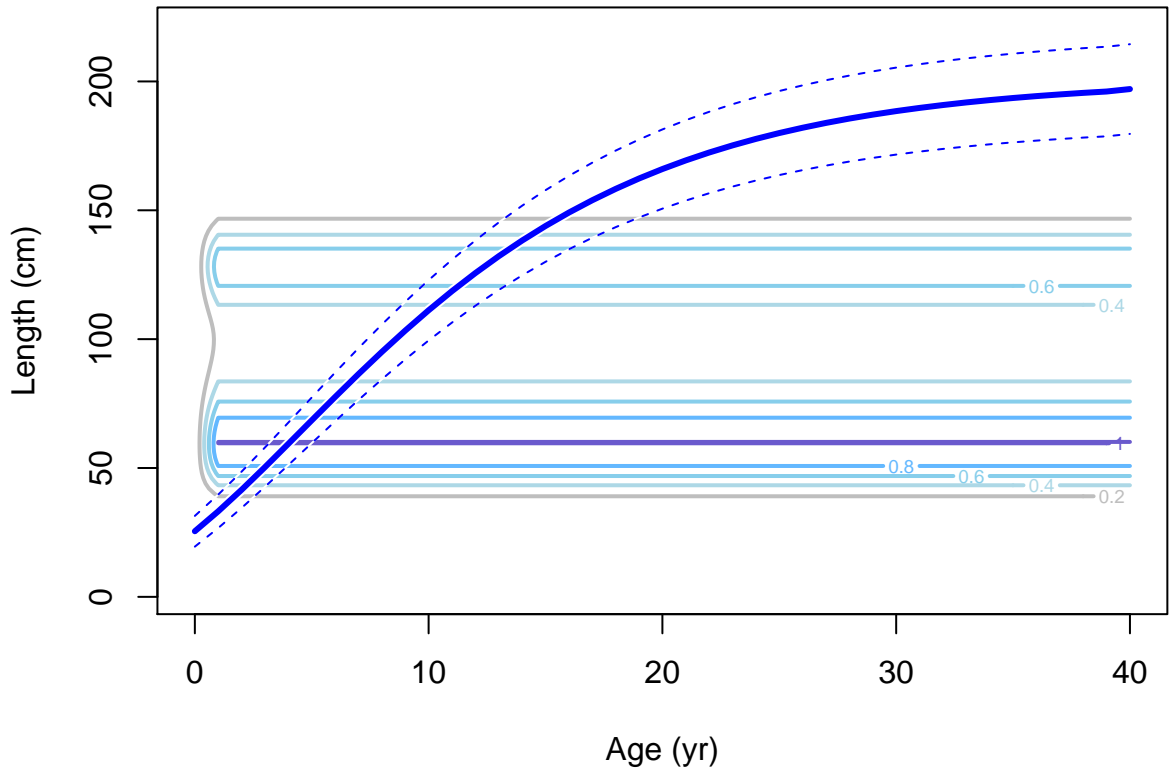
# Male ending year selectivity and growth for A4-OBJ



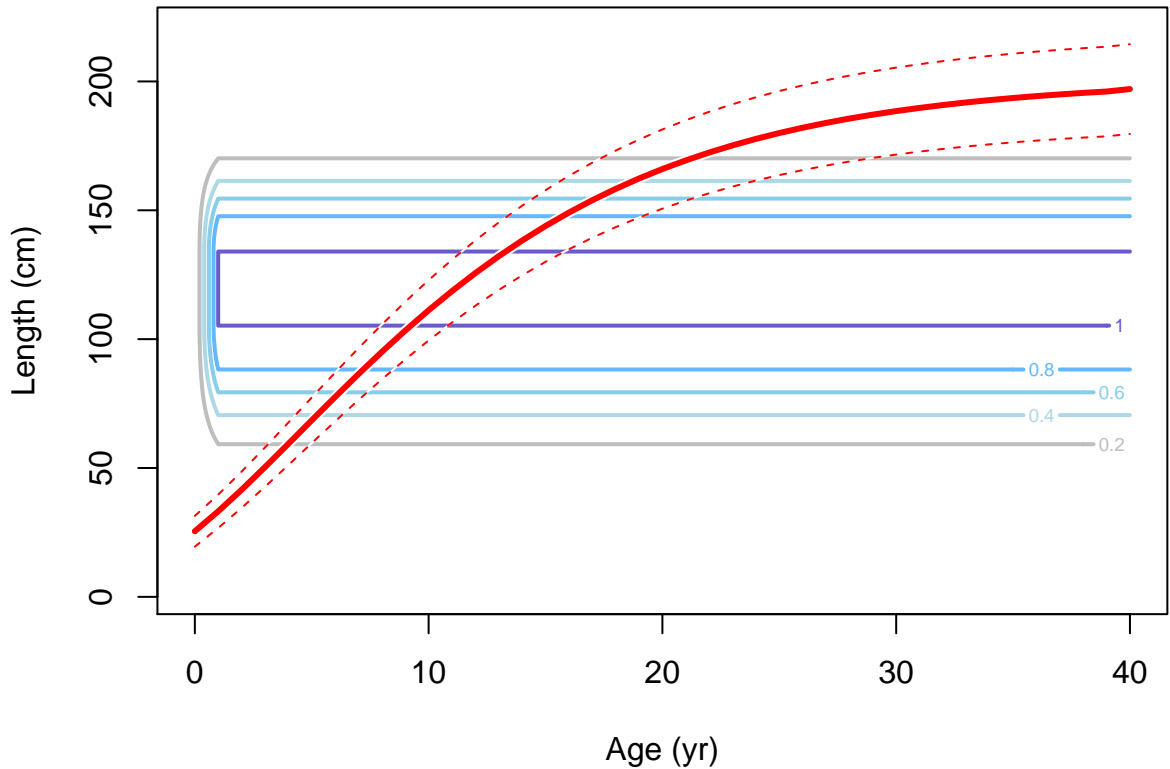
# Female ending year selectivity and growth for A5-OBJ



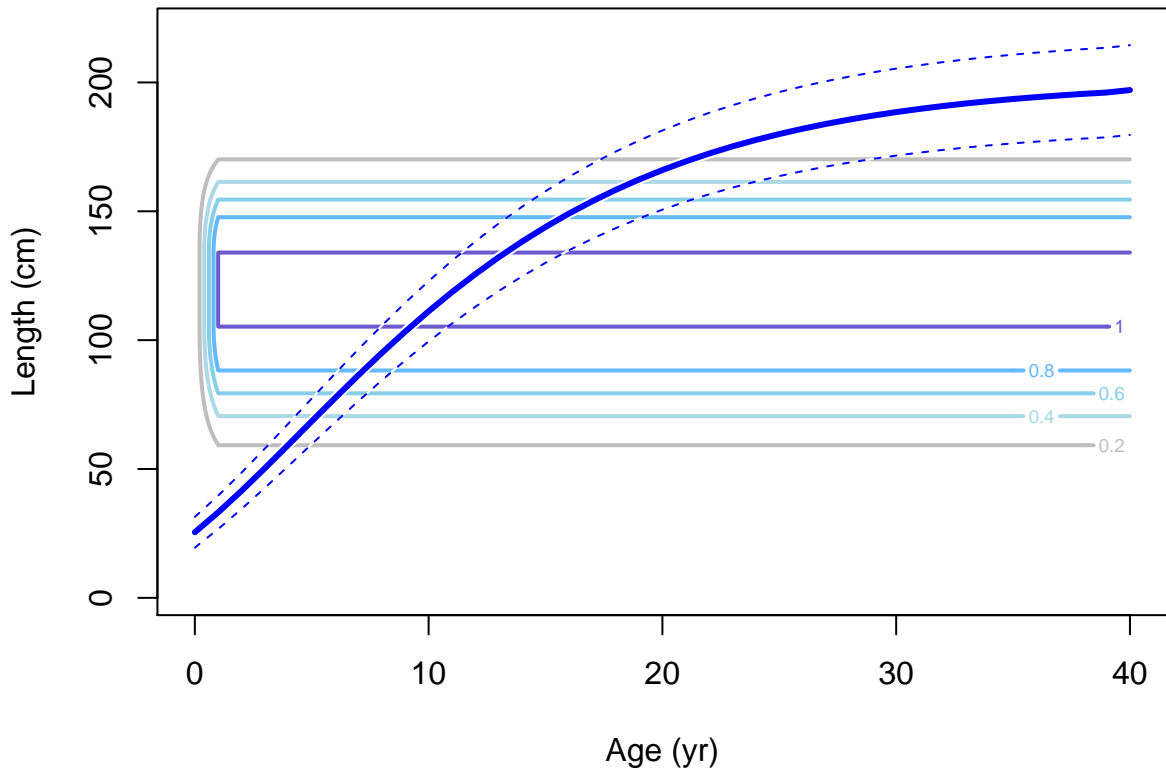
# Male ending year selectivity and growth for A5-OBJ



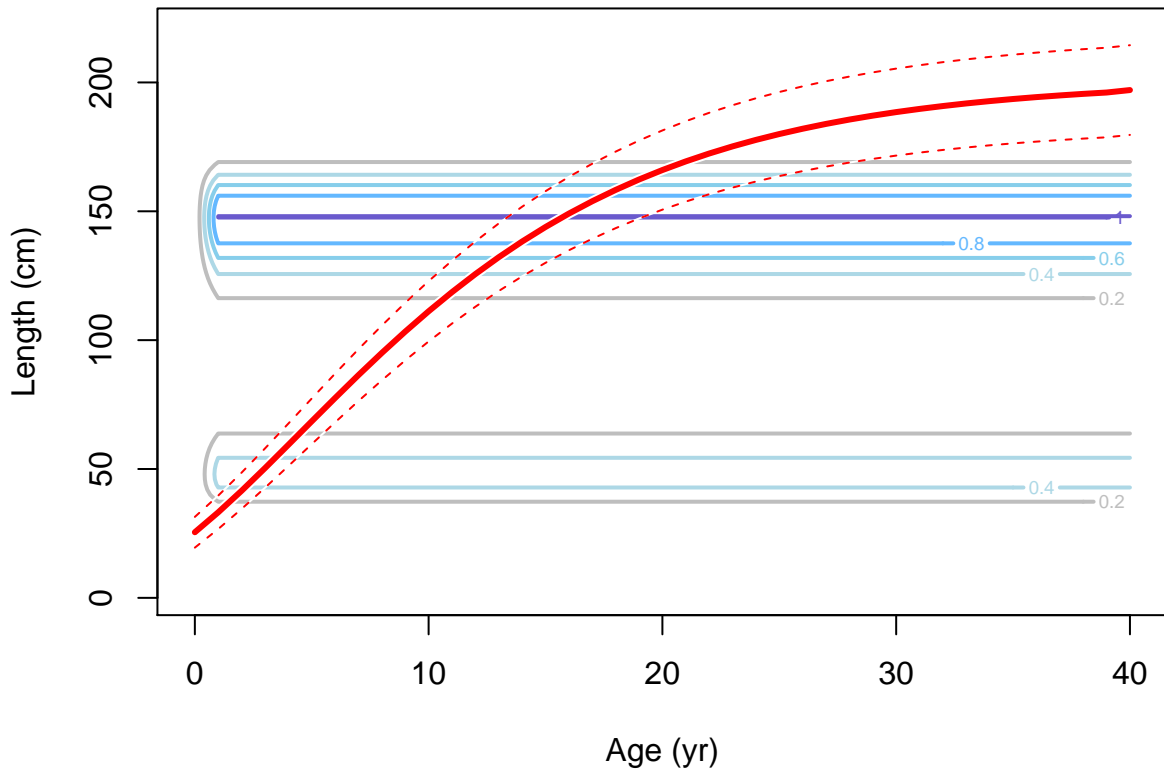
## Female ending year selectivity and growth for A6-OBJ



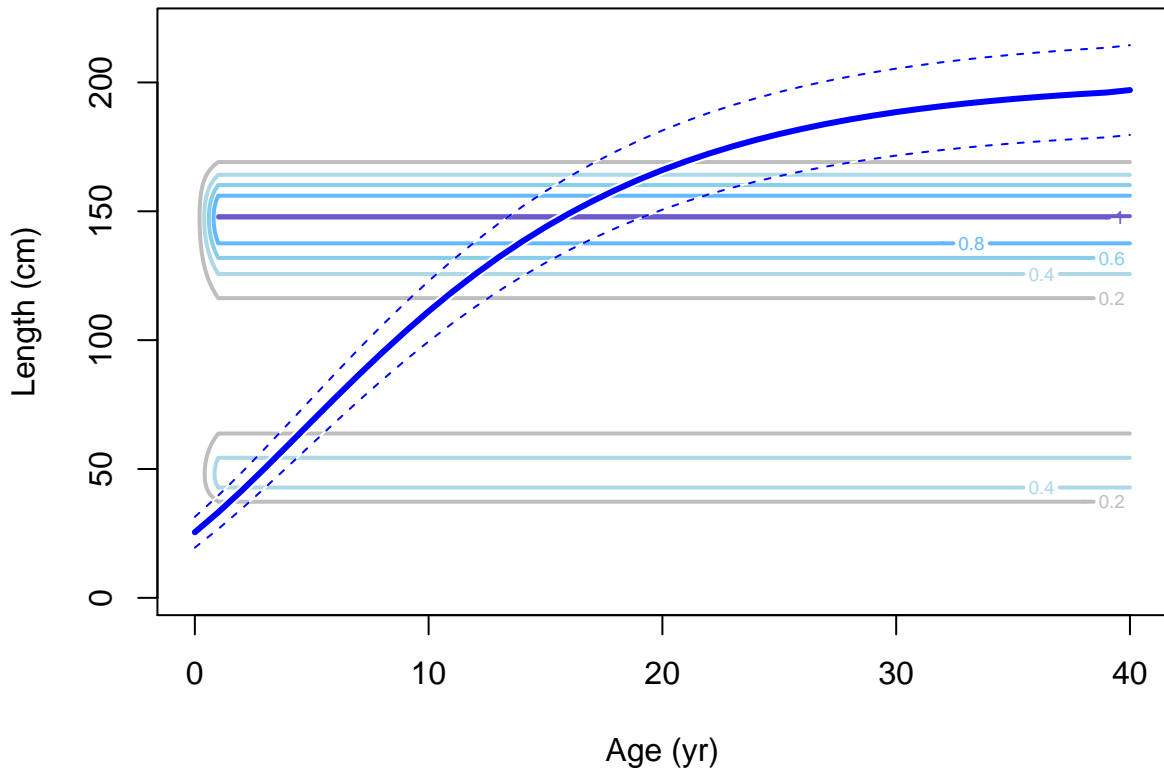
# Male ending year selectivity and growth for A6-OBJ



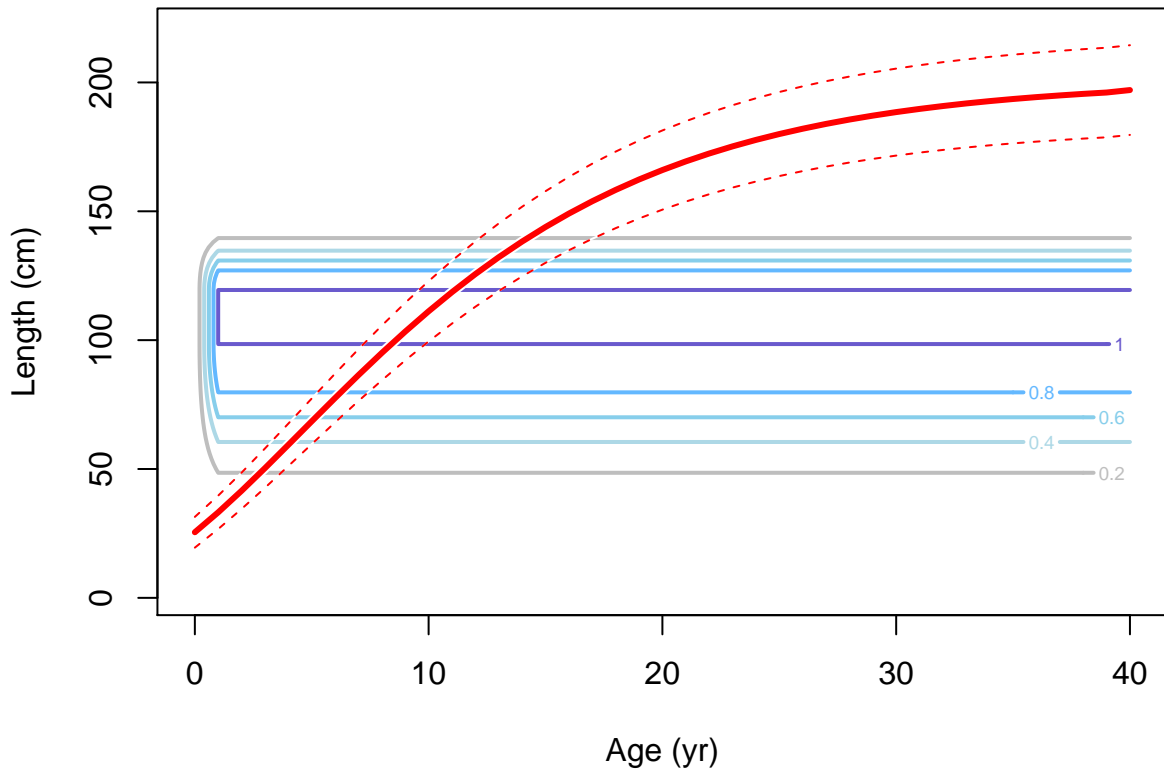
# Female ending year selectivity and growth for A2-NOADEL



# Male ending year selectivity and growth for A2-NOADEL

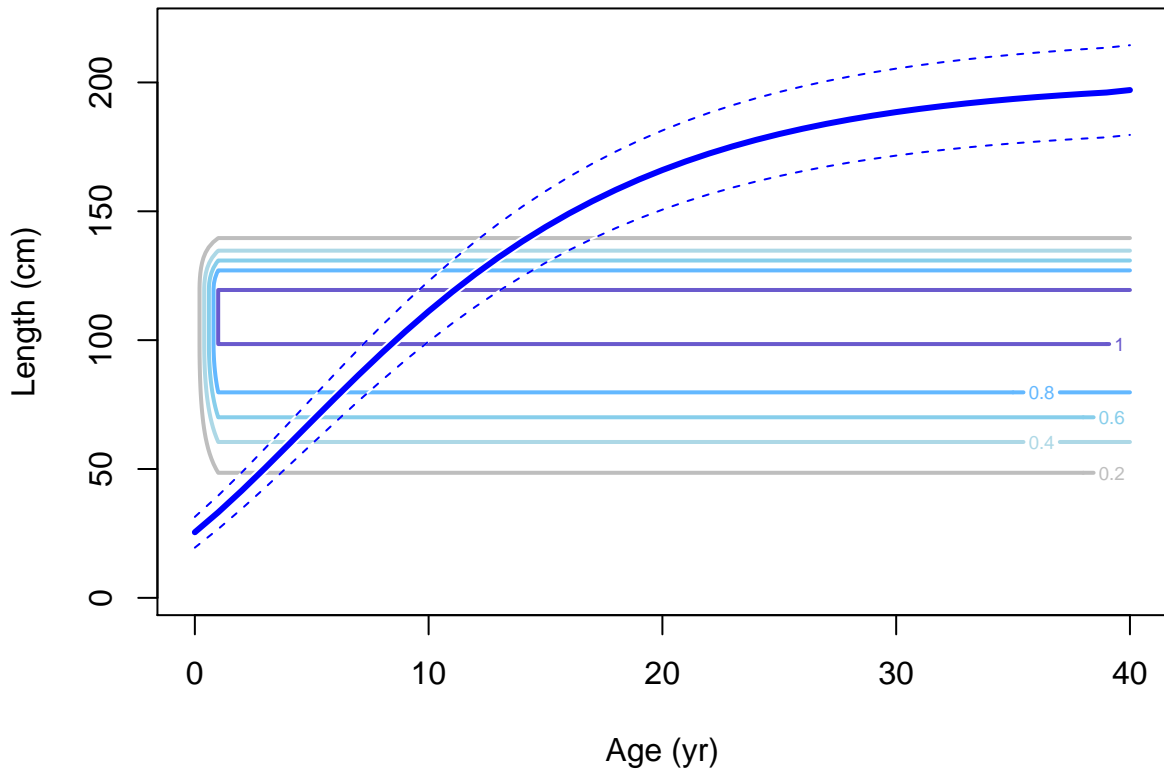


## Female ending year selectivity and growth for A3-NOADEL

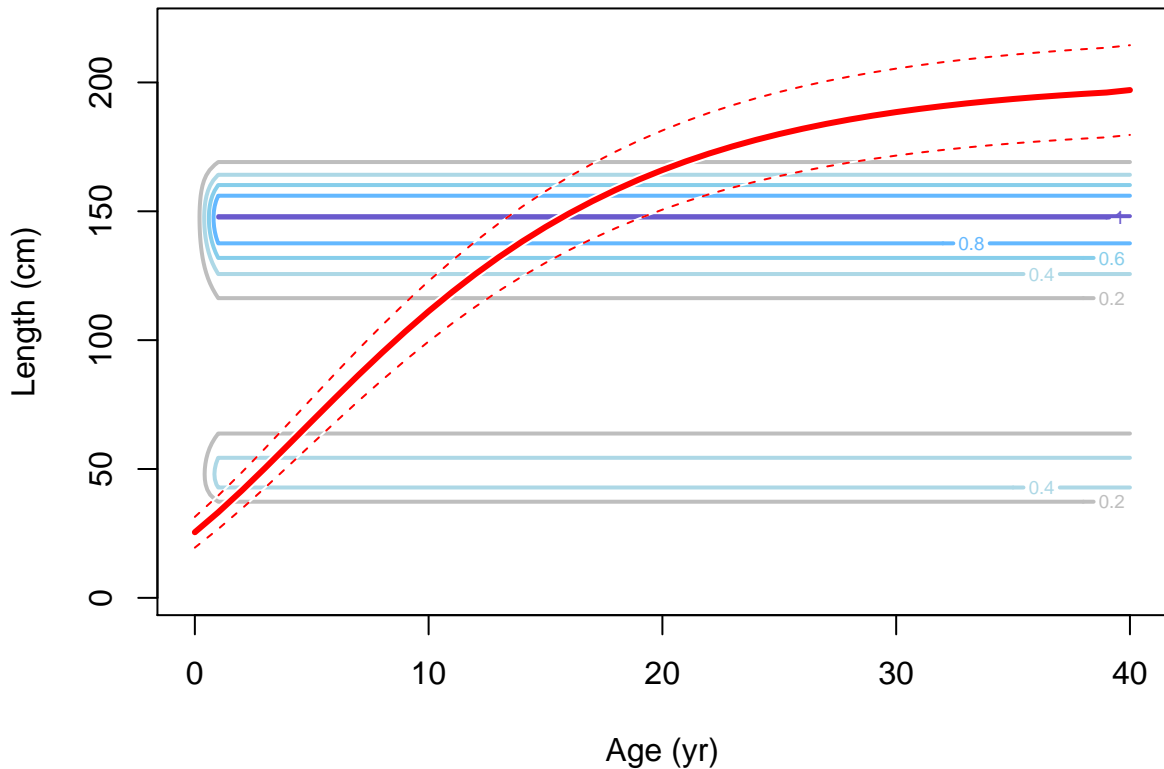




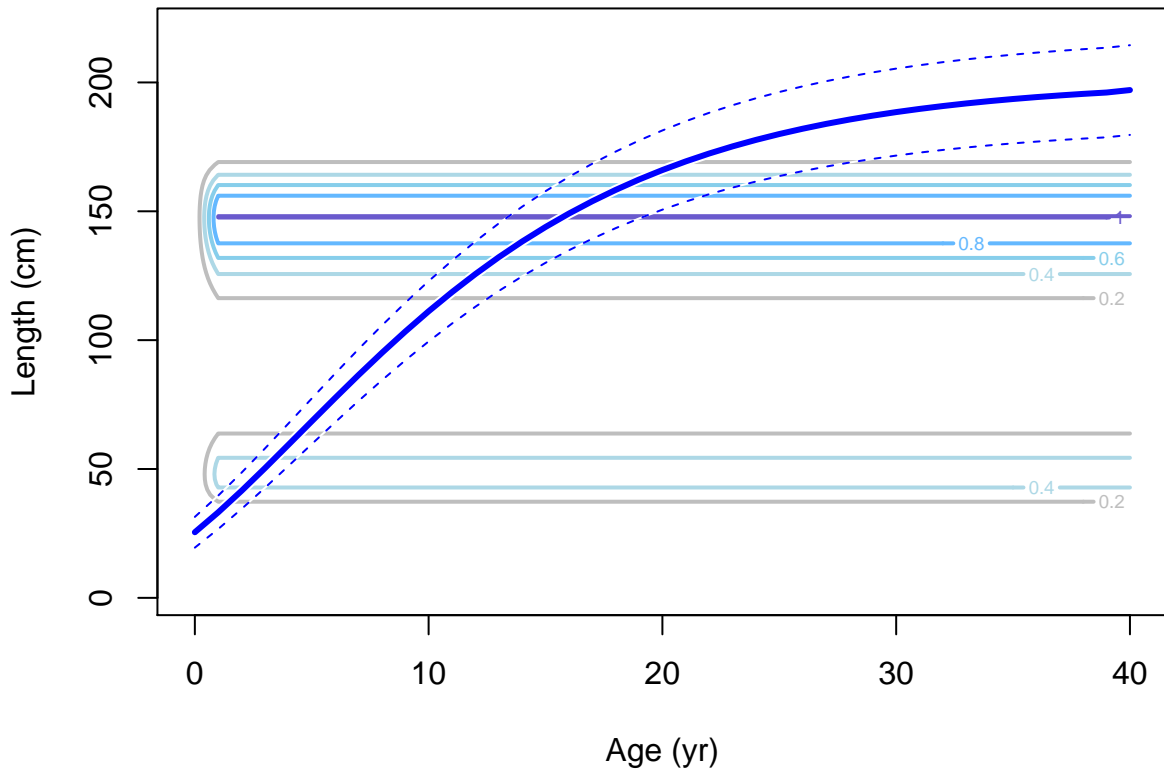
## Male ending year selectivity and growth for A3-NOADEL



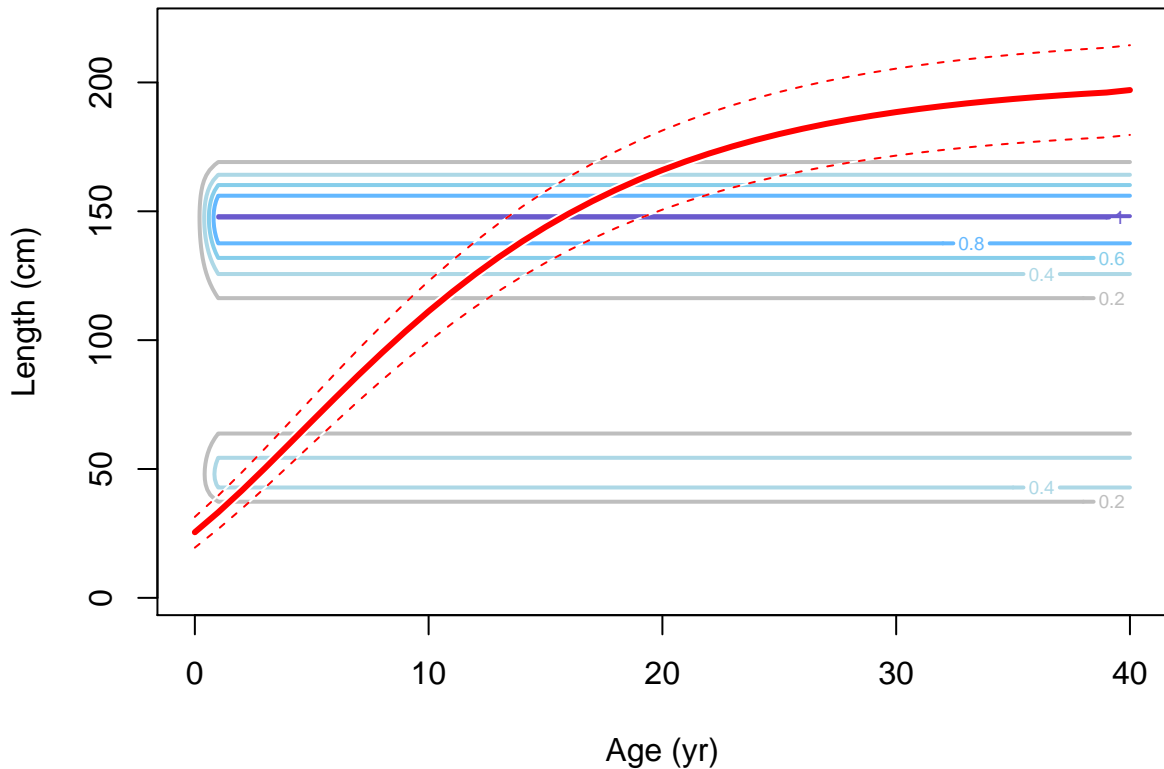
# Female ending year selectivity and growth for A4-NOADEL



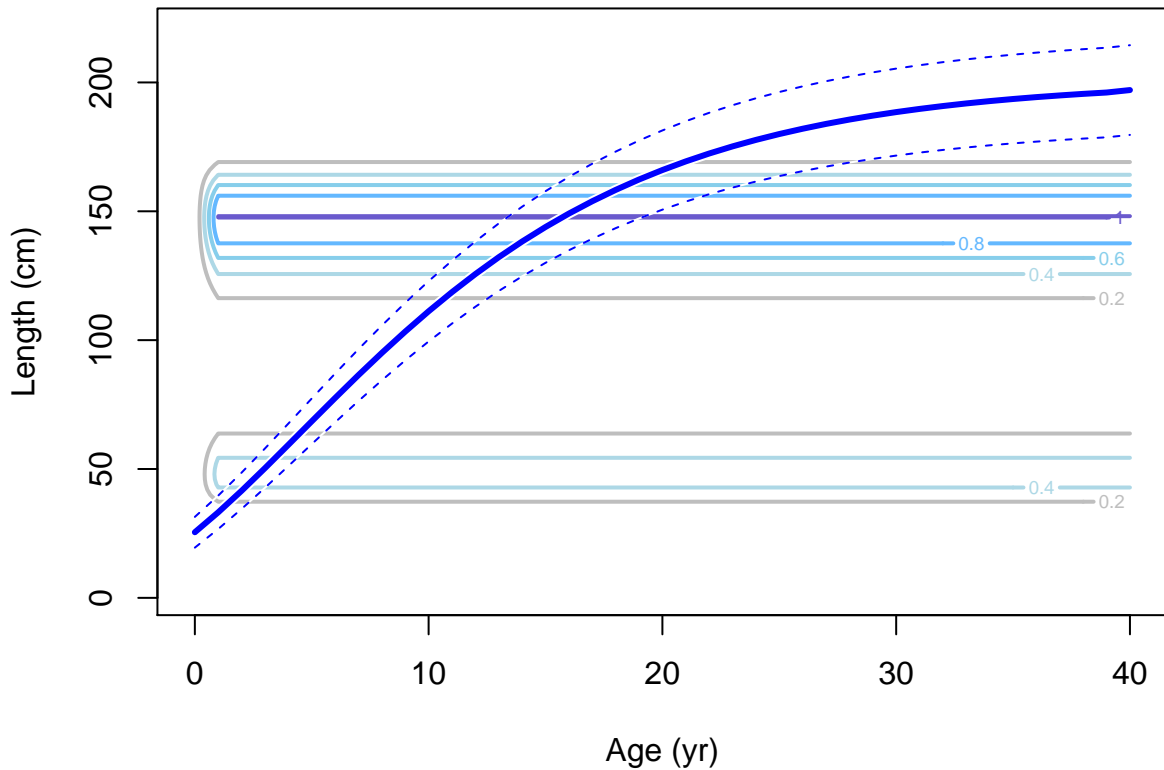
# Male ending year selectivity and growth for A4-NOADEL



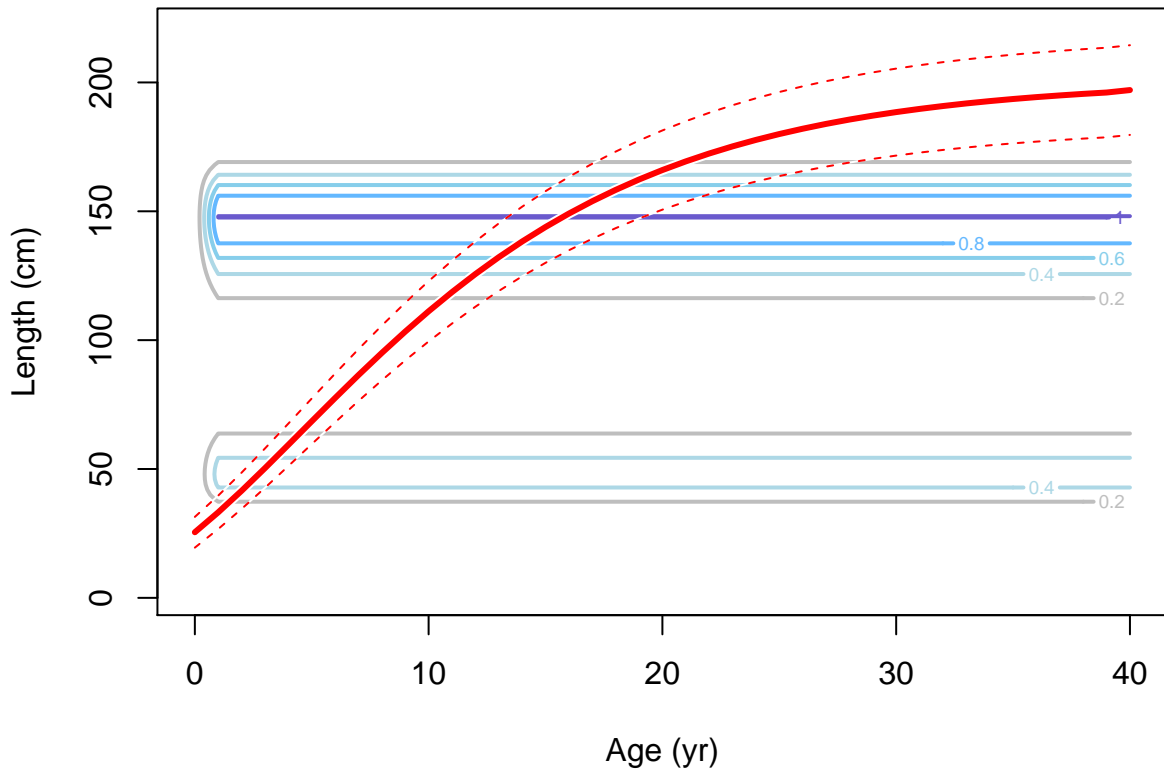
# Female ending year selectivity and growth for A5-NOADEL



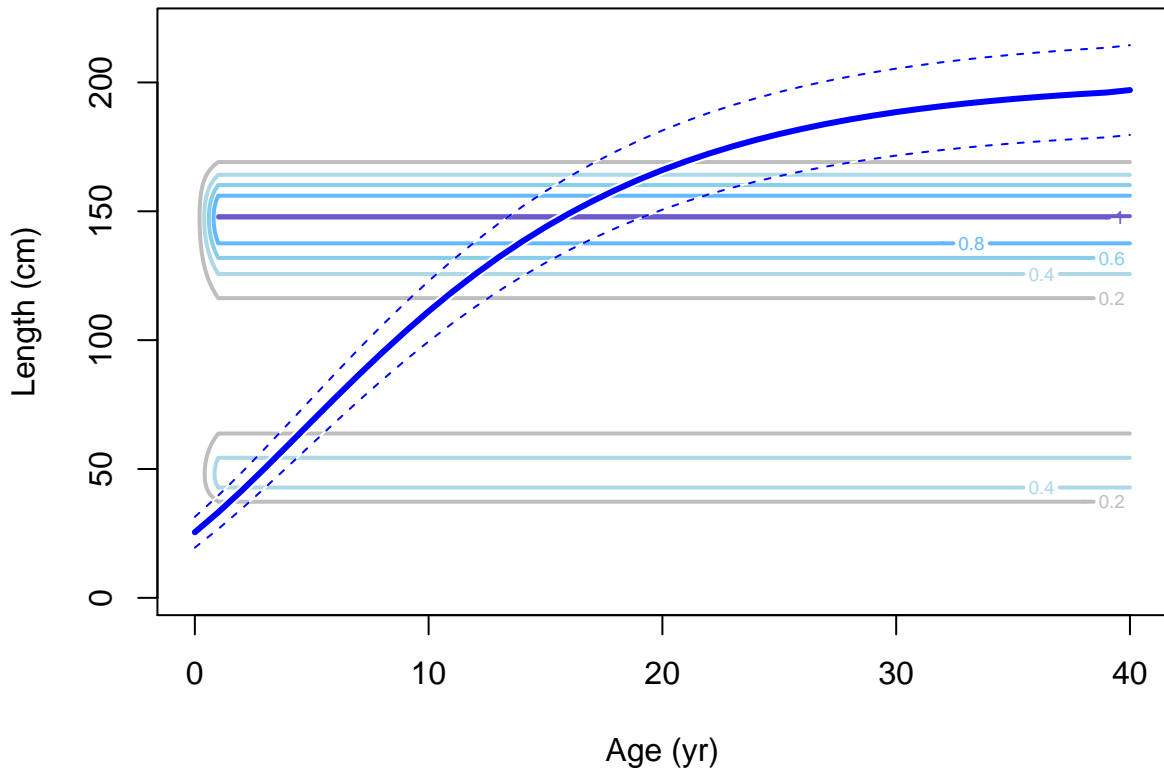
# Male ending year selectivity and growth for A5-NOADEL



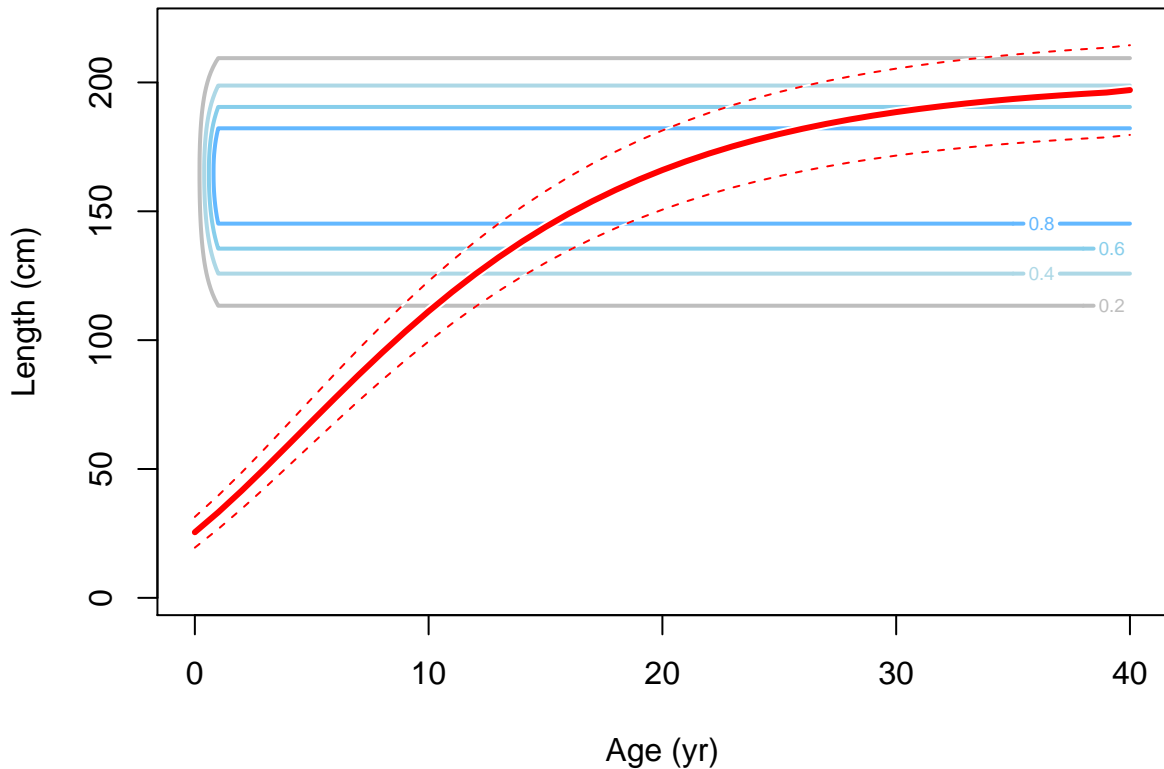
# Female ending year selectivity and growth for A6-NOADEL



# Male ending year selectivity and growth for A6-NOADEL

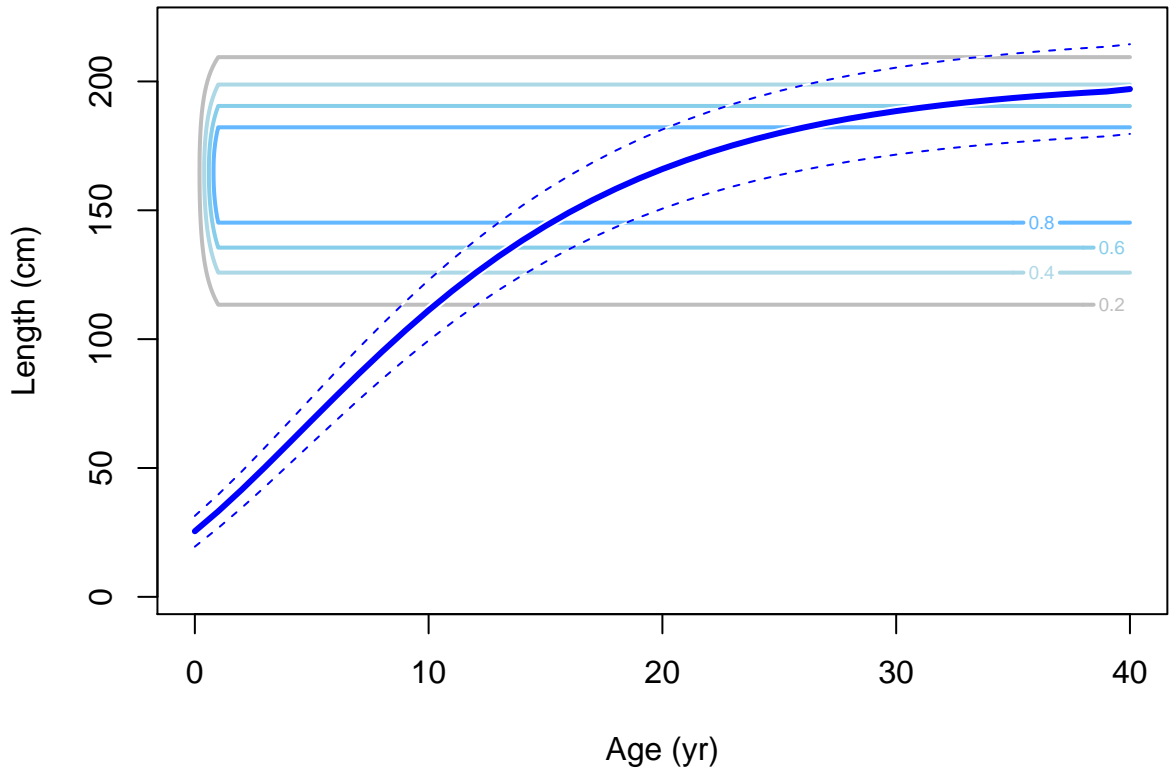


# Female ending year selectivity and growth for EPO-LL-survey-late

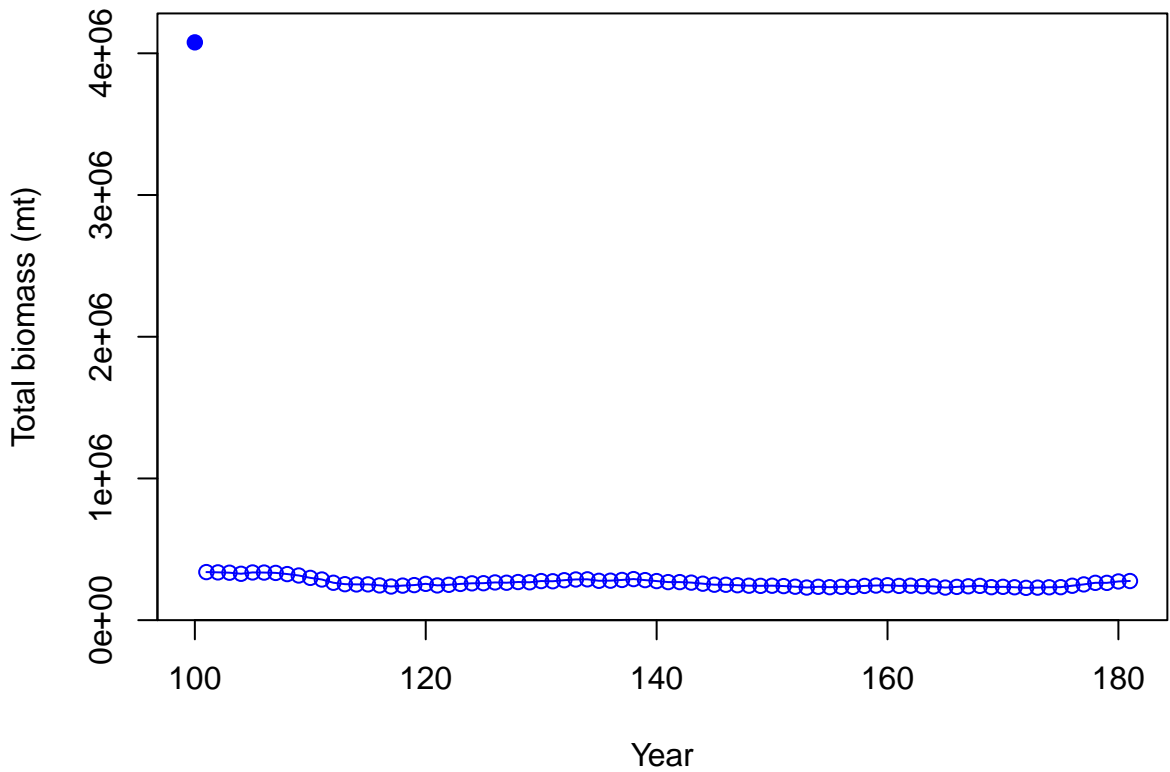




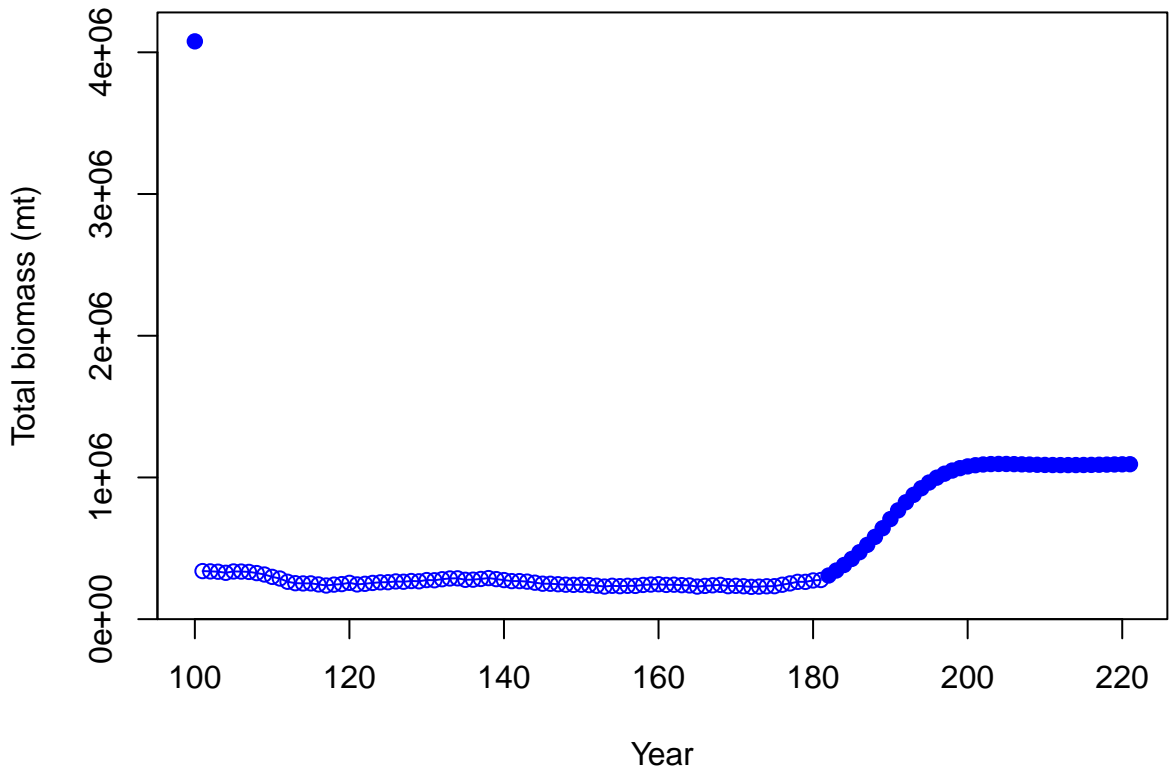
# Male ending year selectivity and growth for EPO-LL-survey-late



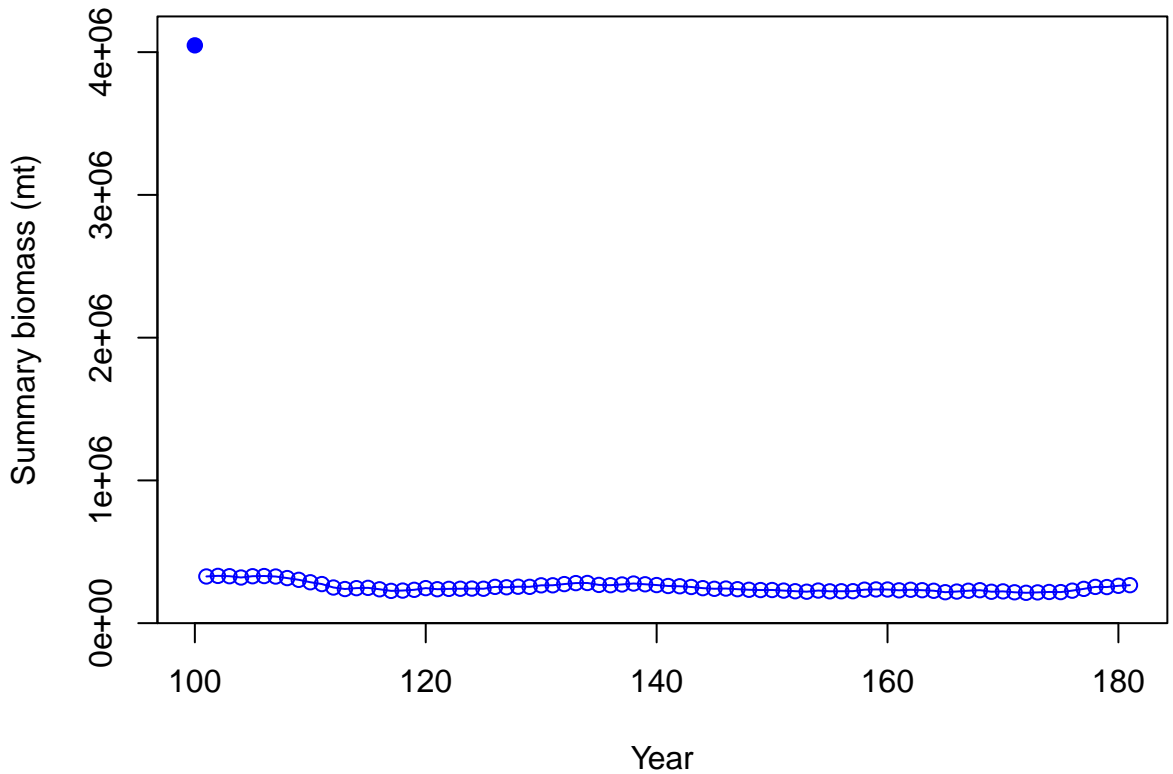
# Total biomass (mt)



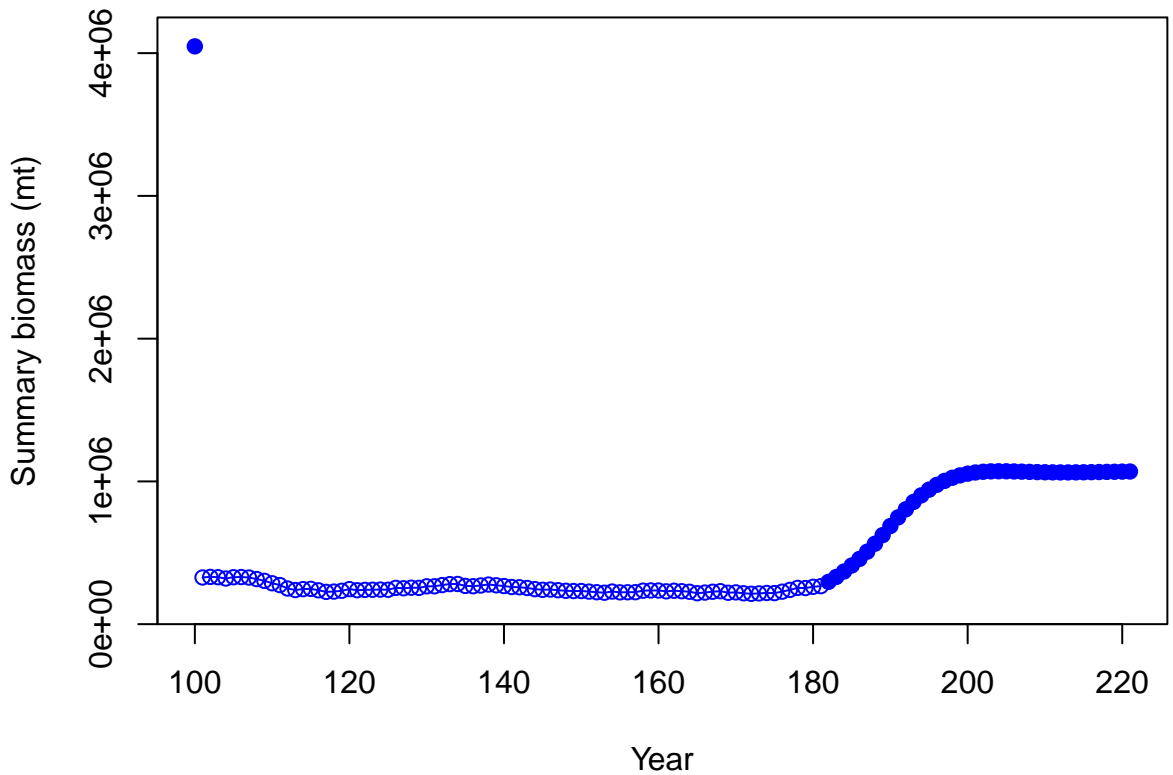
Total biomass (mt) with forecast



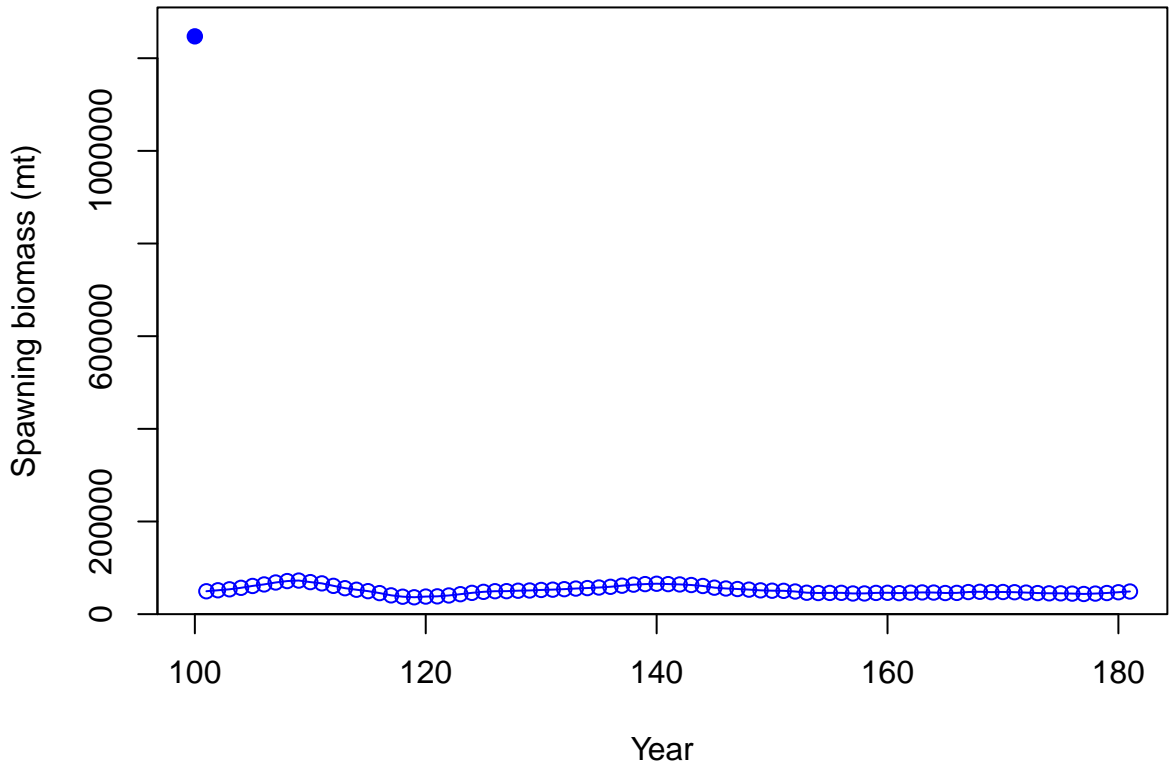
# Summary biomass (mt)



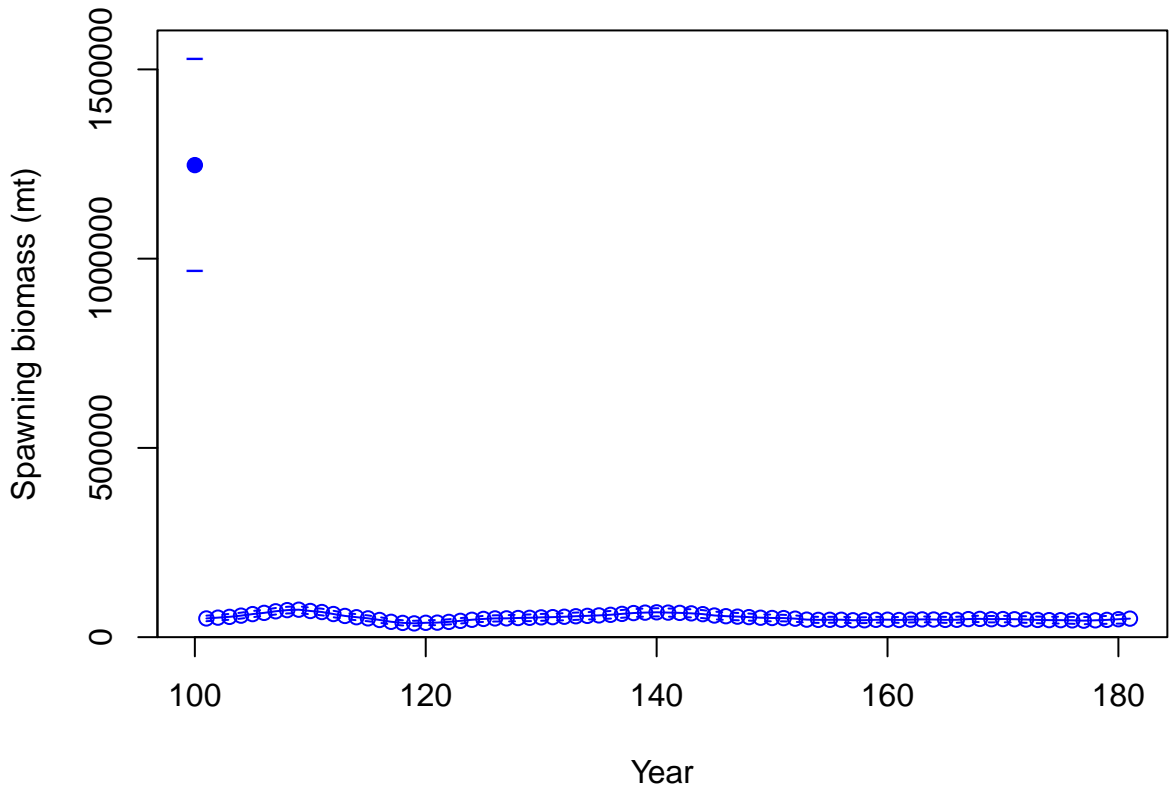
## Summary biomass (mt) with forecast



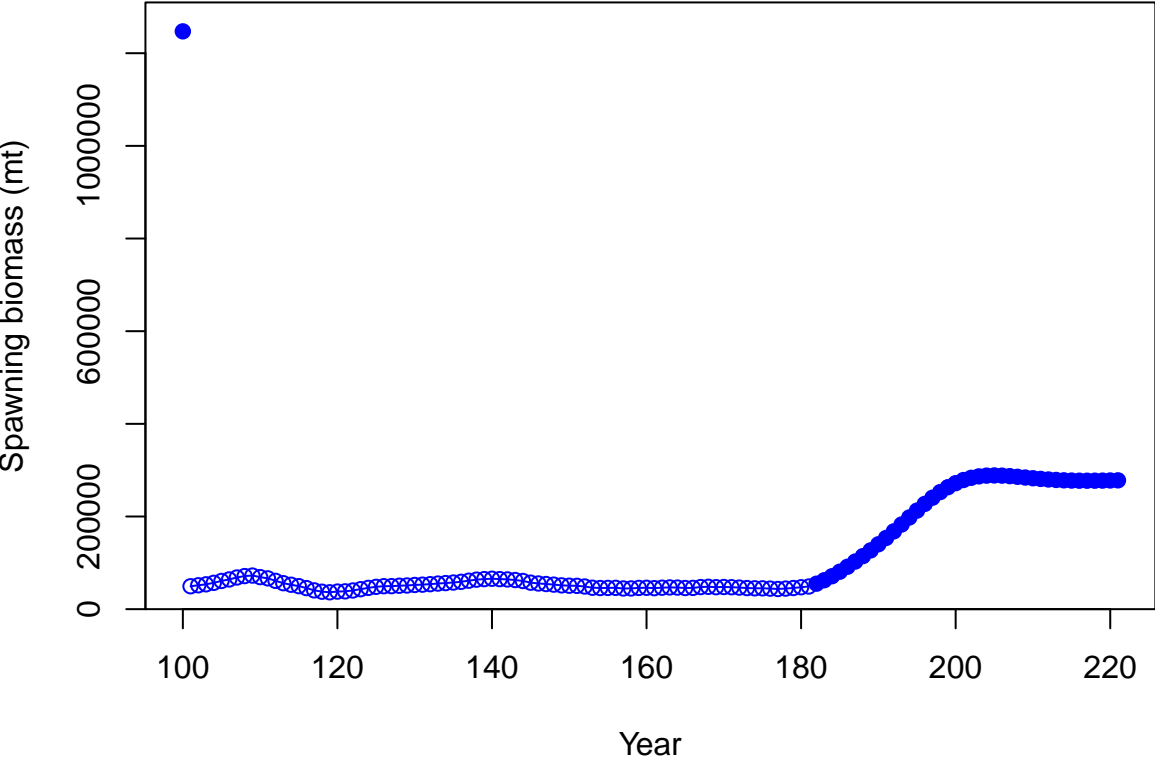
## Spawning biomass (mt)



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

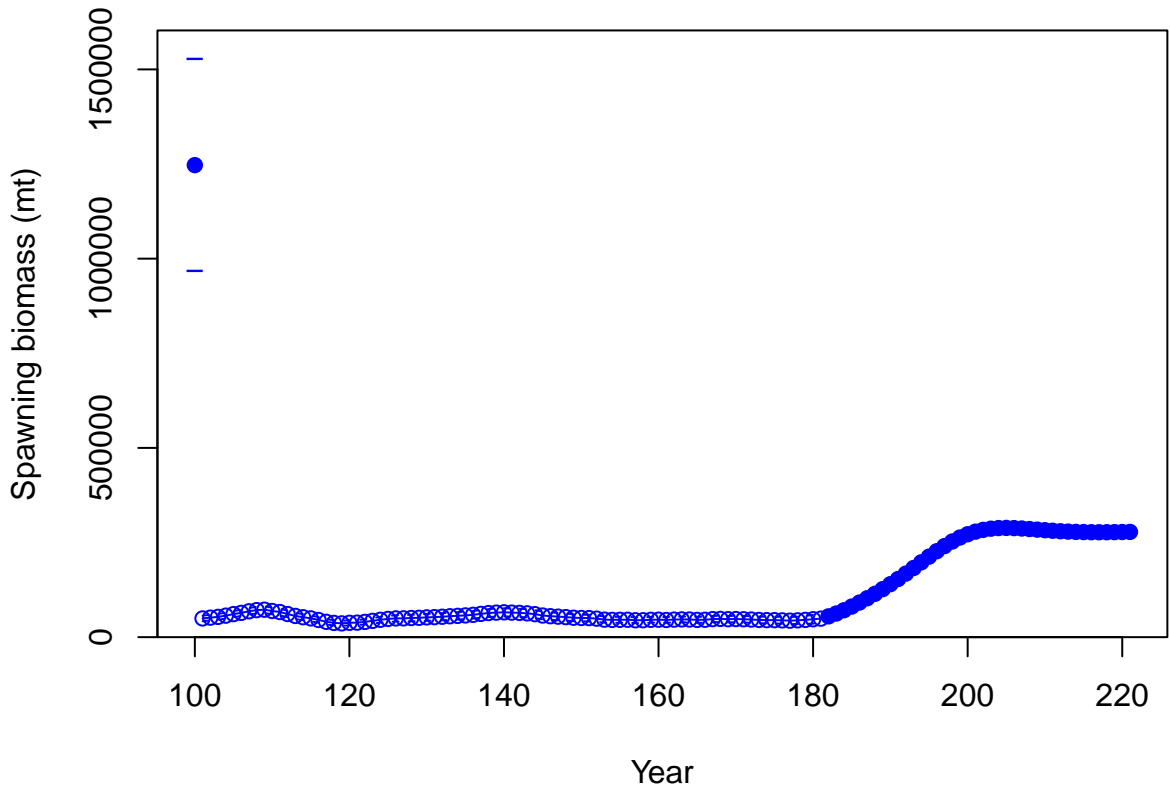


# Spawning biomass (mt) with forecast

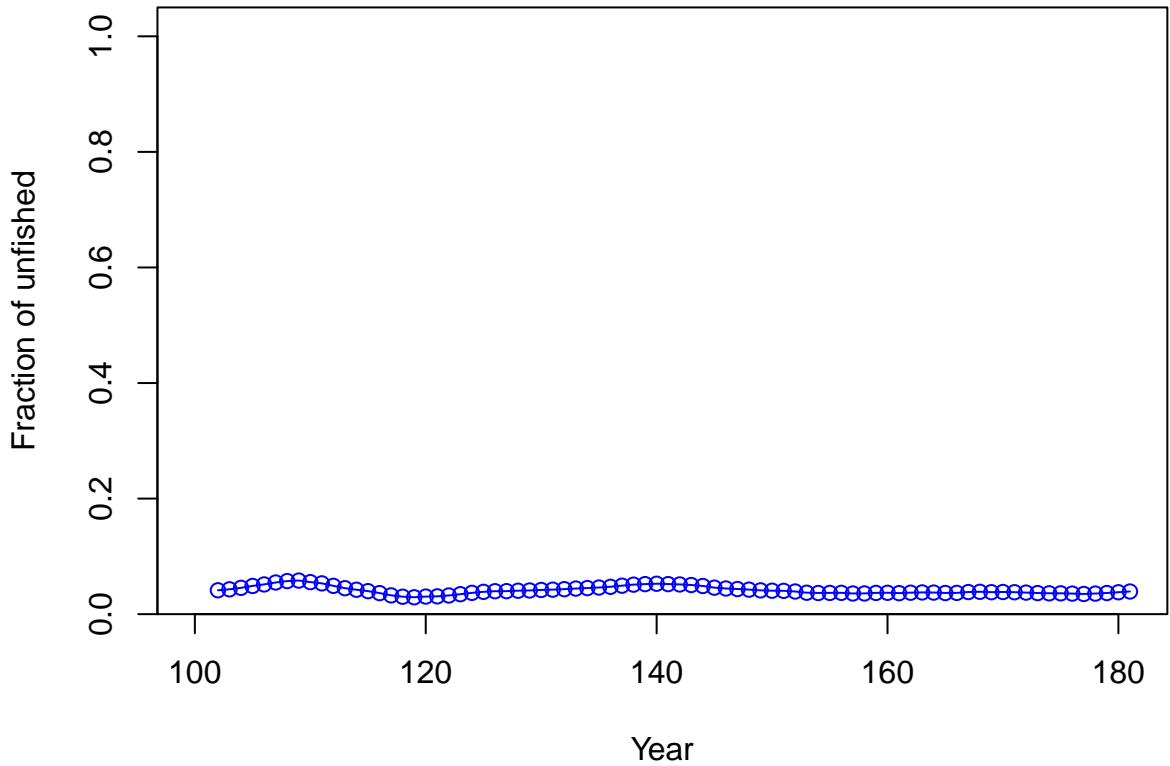




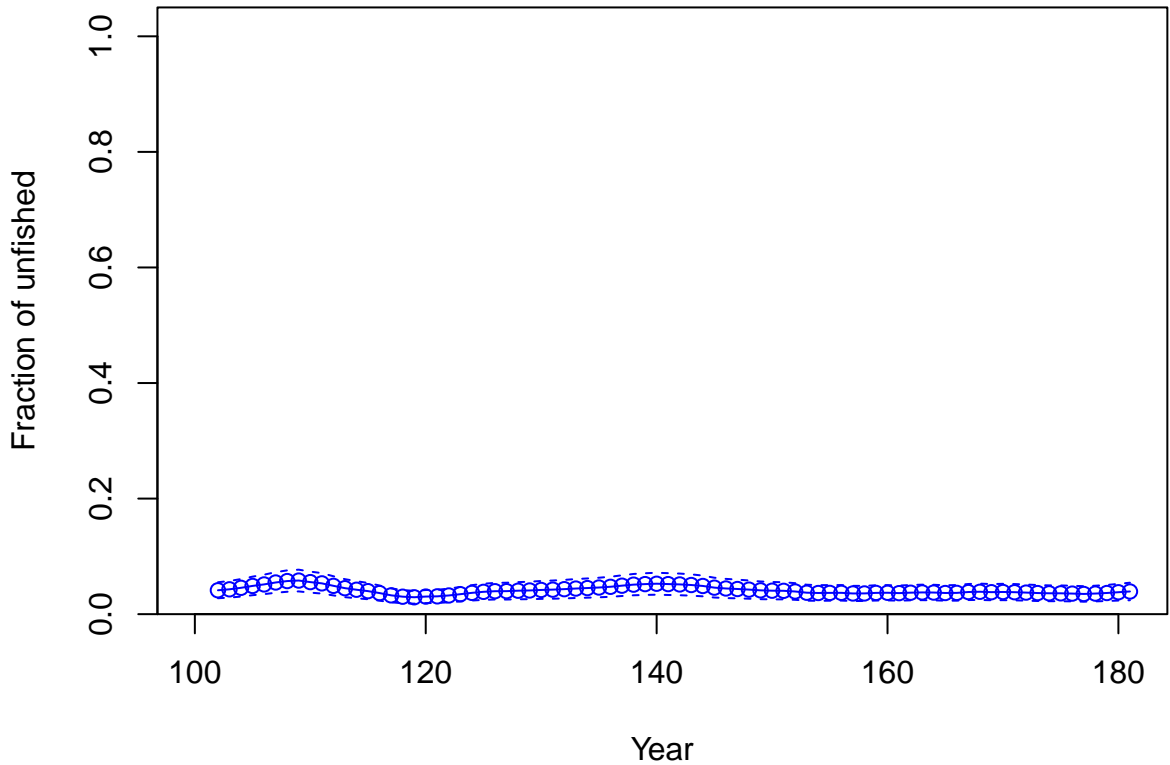
# Spawning biomass (mt) with forecast with ~95% asymptotic intervals



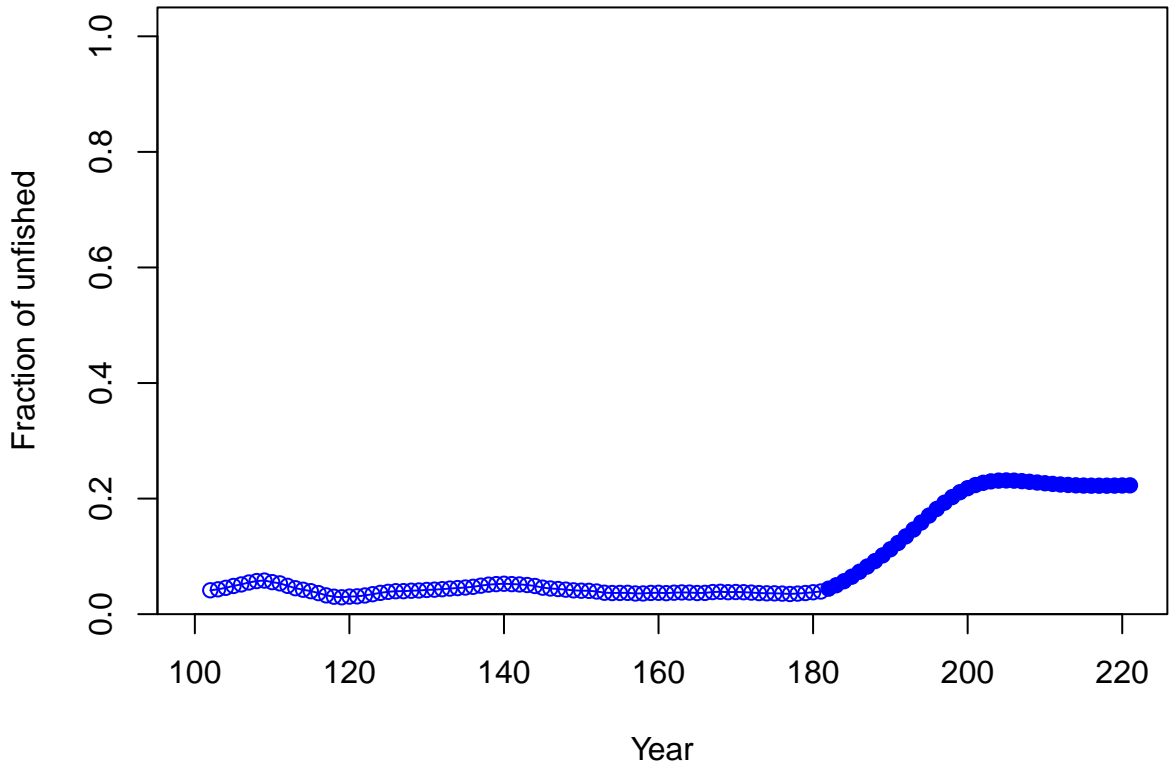
## Fraction of unfished



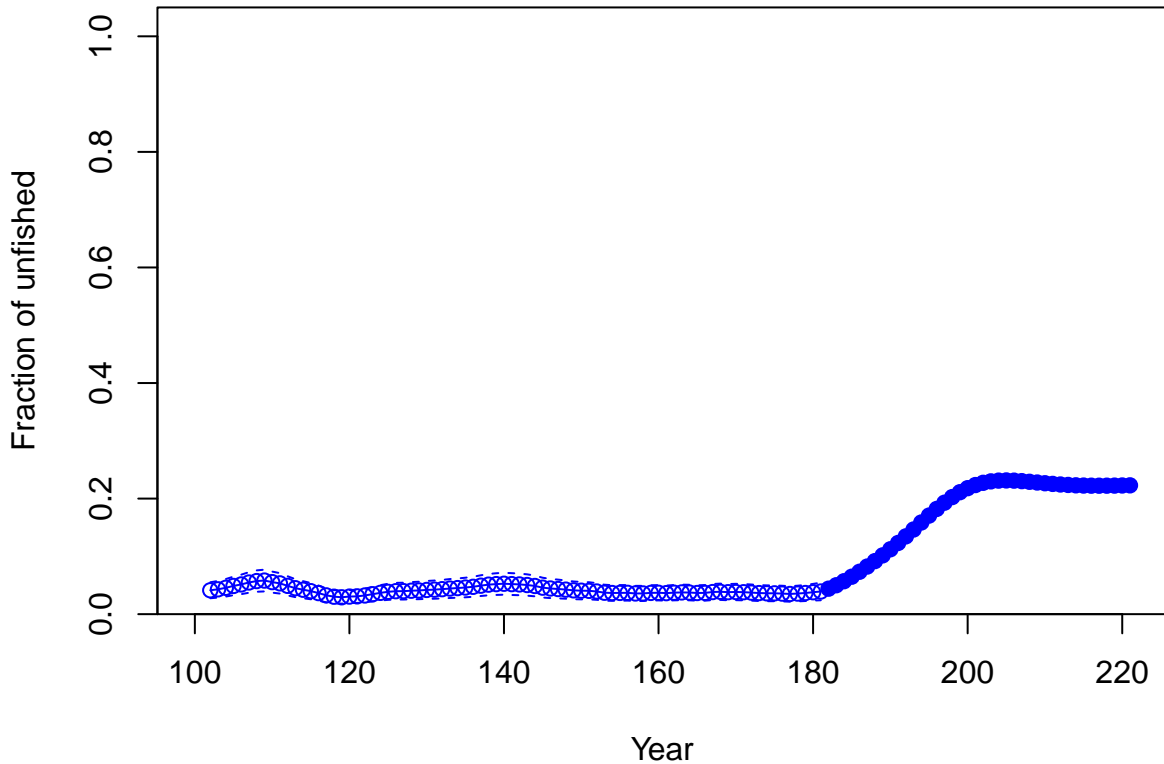
## Fraction of unfished with ~95% asymptotic intervals



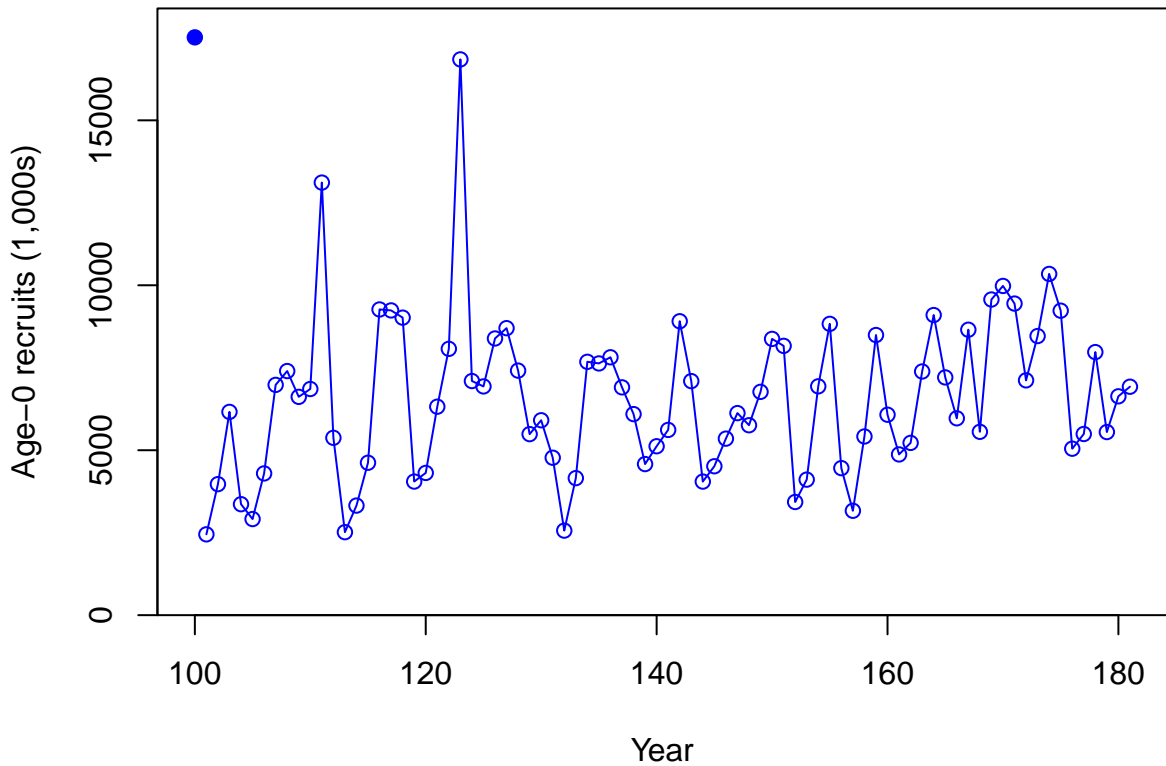
## Fraction of unfished with forecast



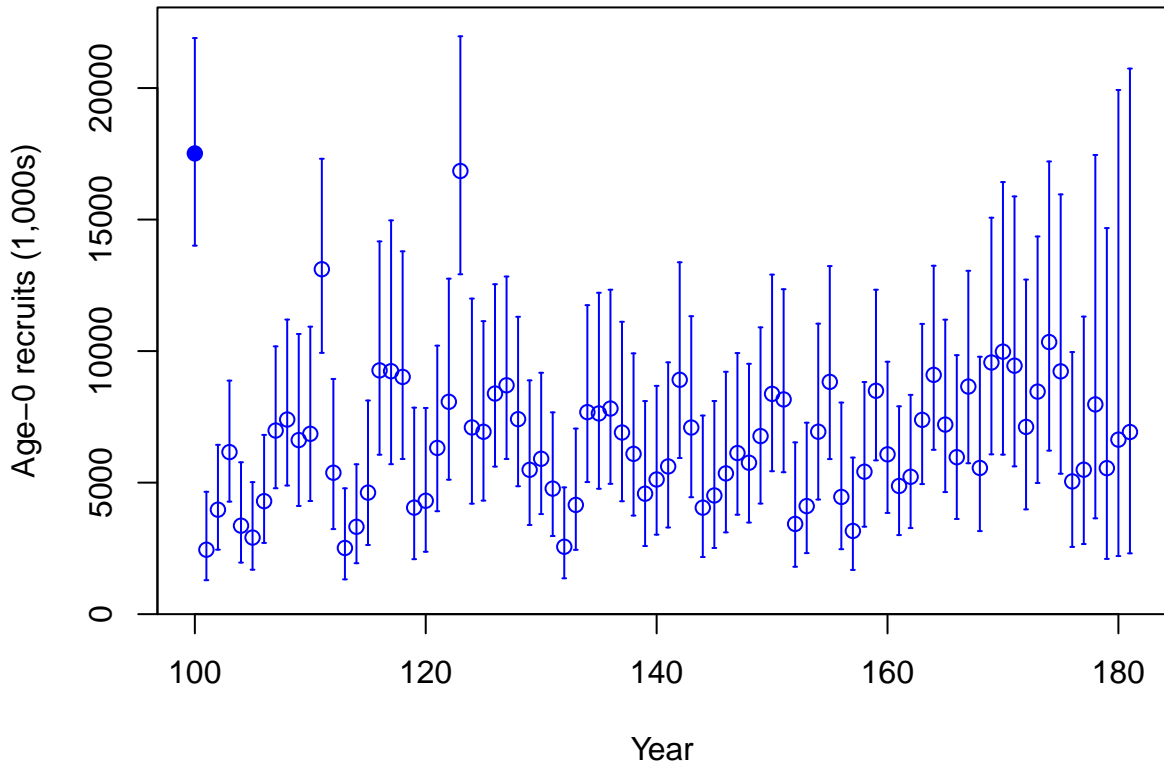
# Fraction of unfished with forecast with ~95% asymptotic intervals



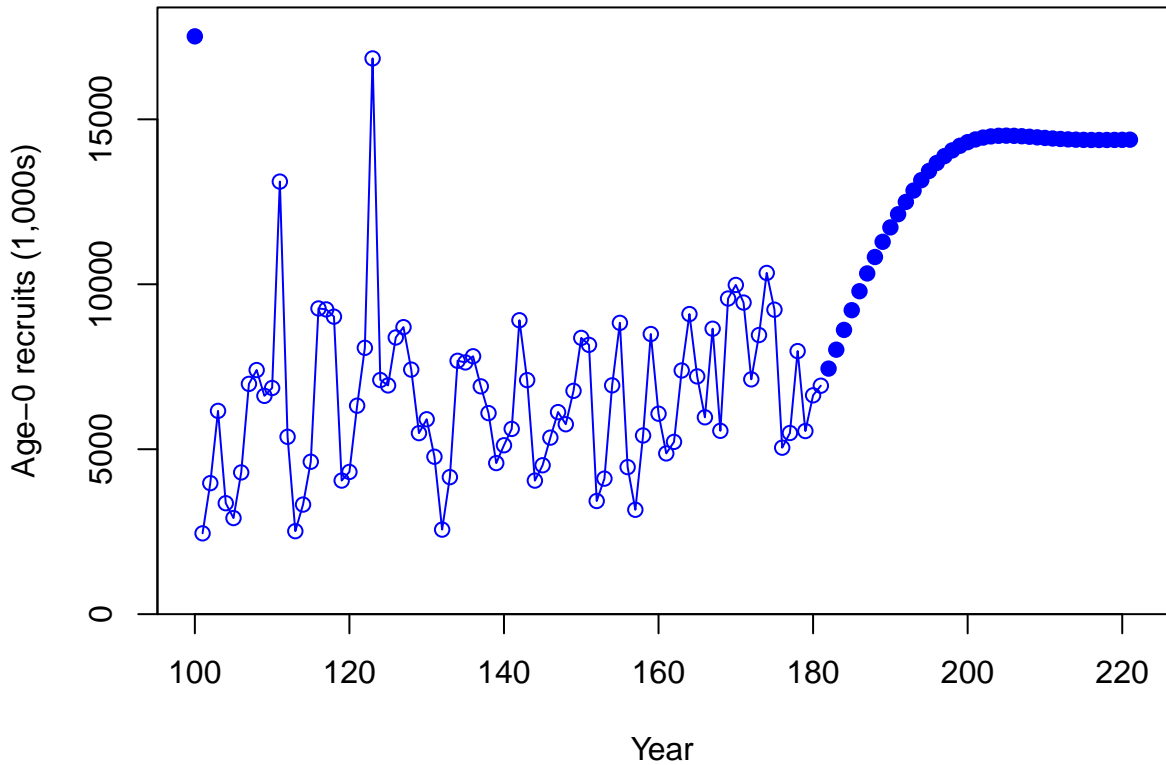
### Age-0 recruits (1,000s)



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

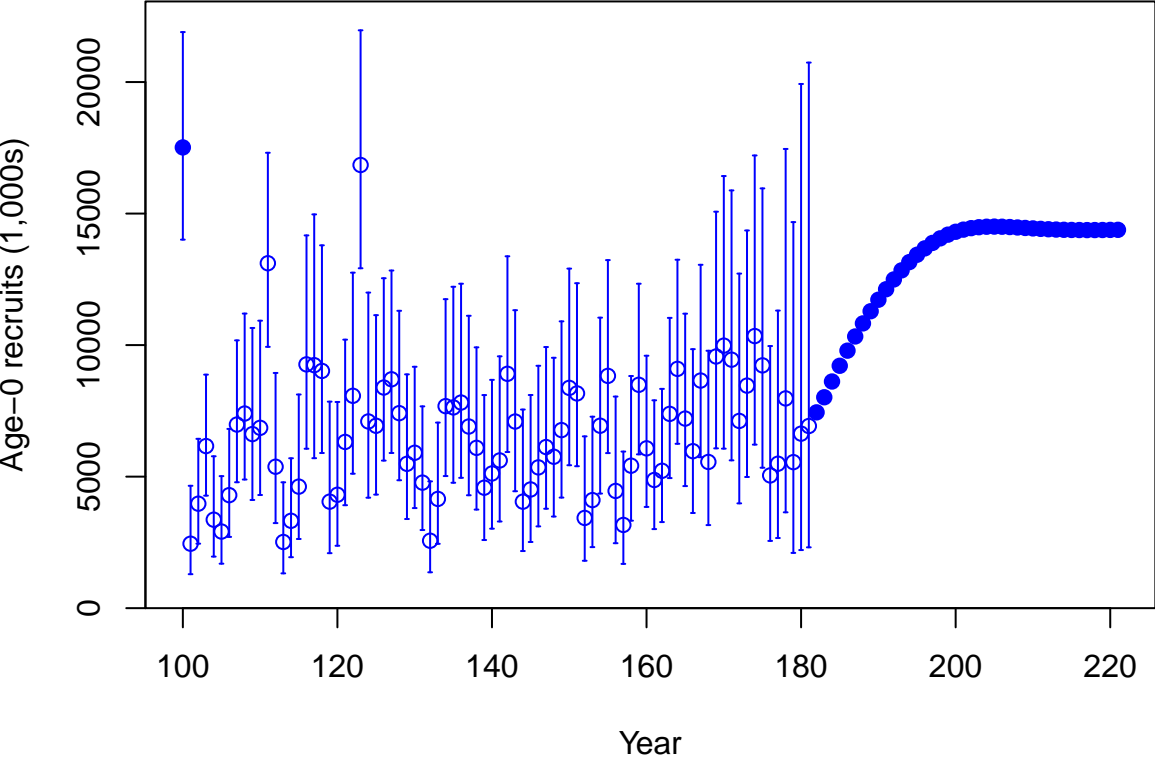


Age-0 recruits (1,000s) with forecast

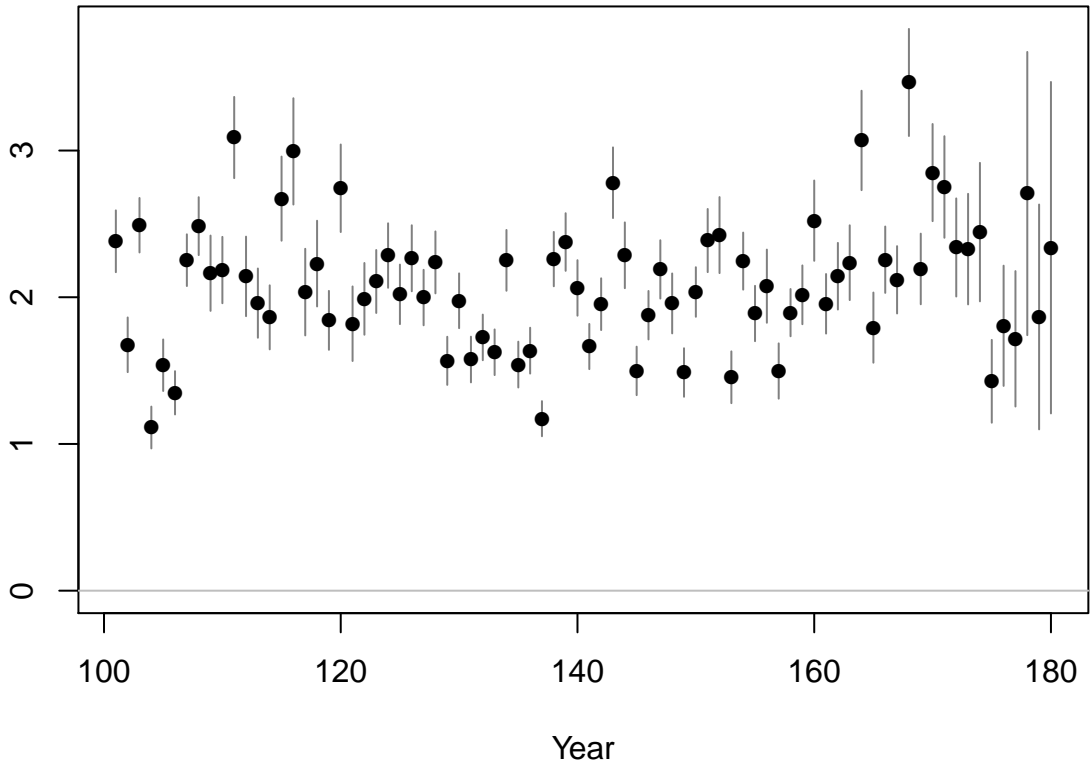


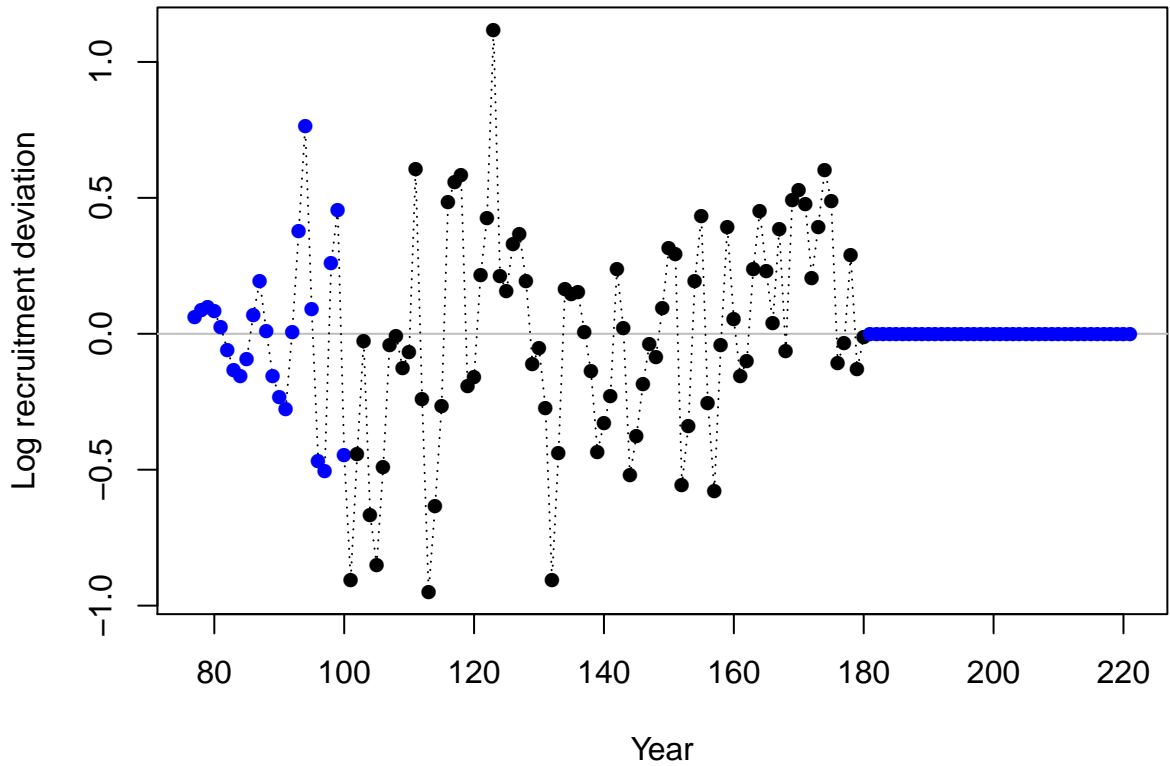


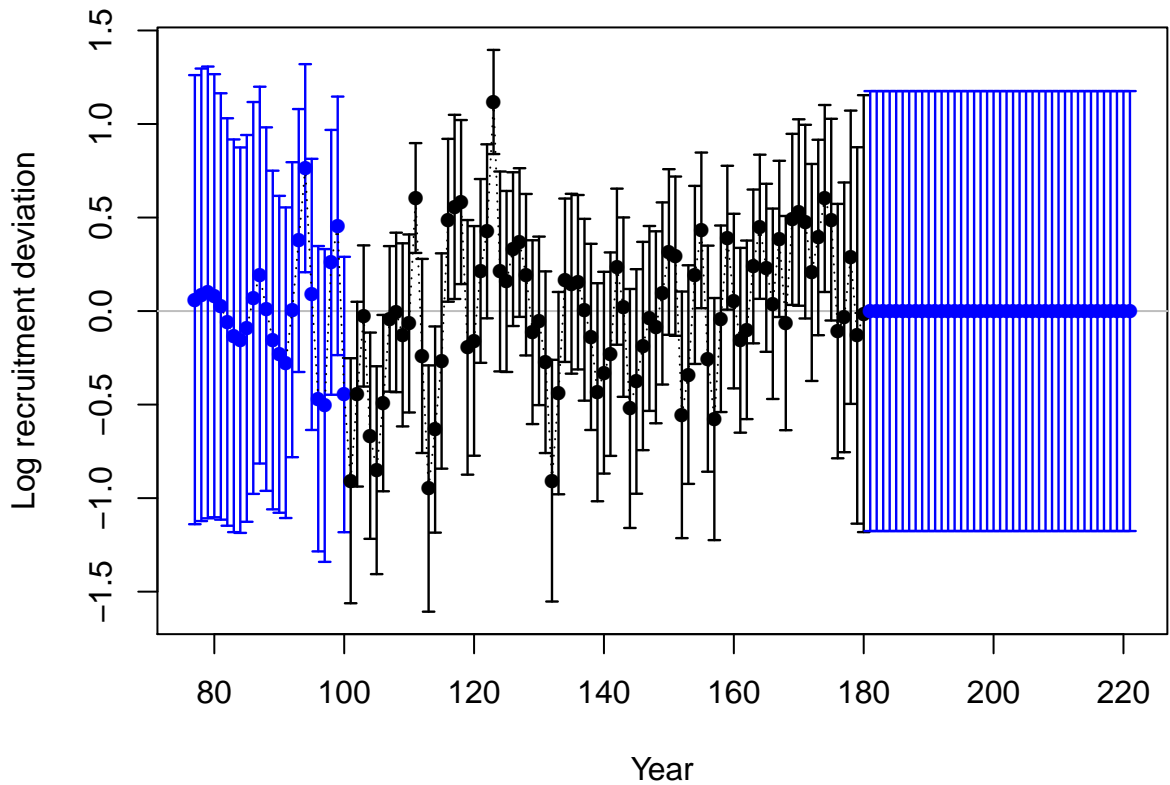
**Age-0 recruits (1,000s) with forecast with ~95% asymptotic intervals**



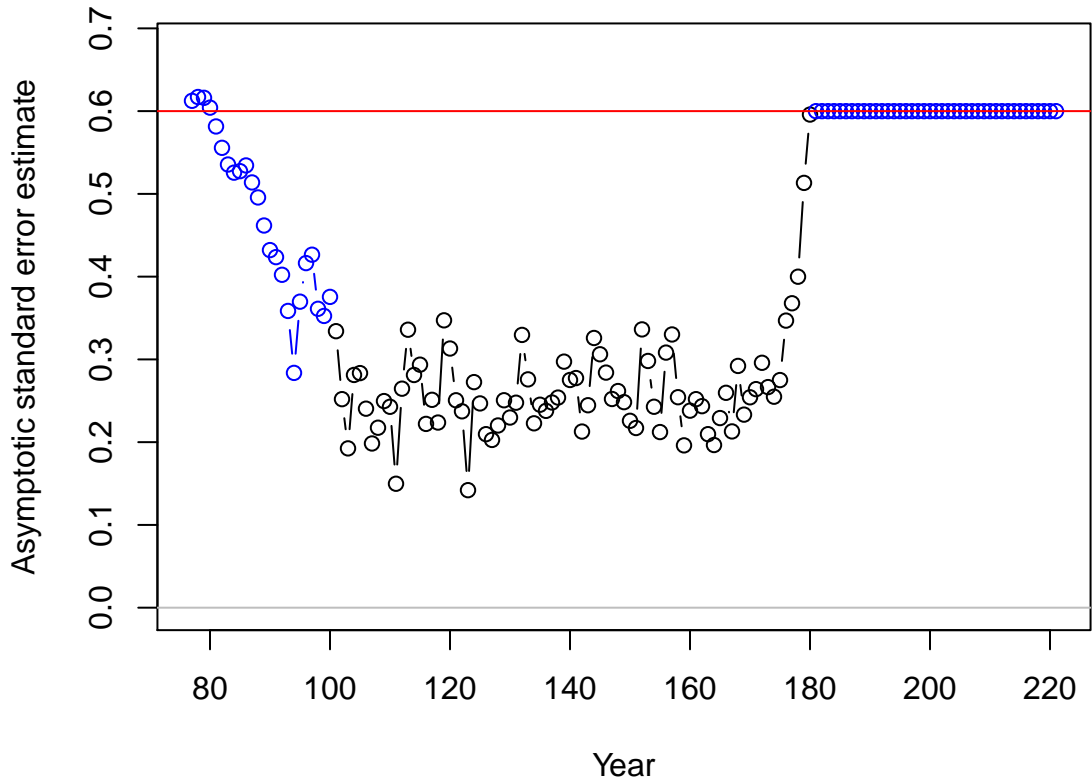
Summary Fishing Mortality

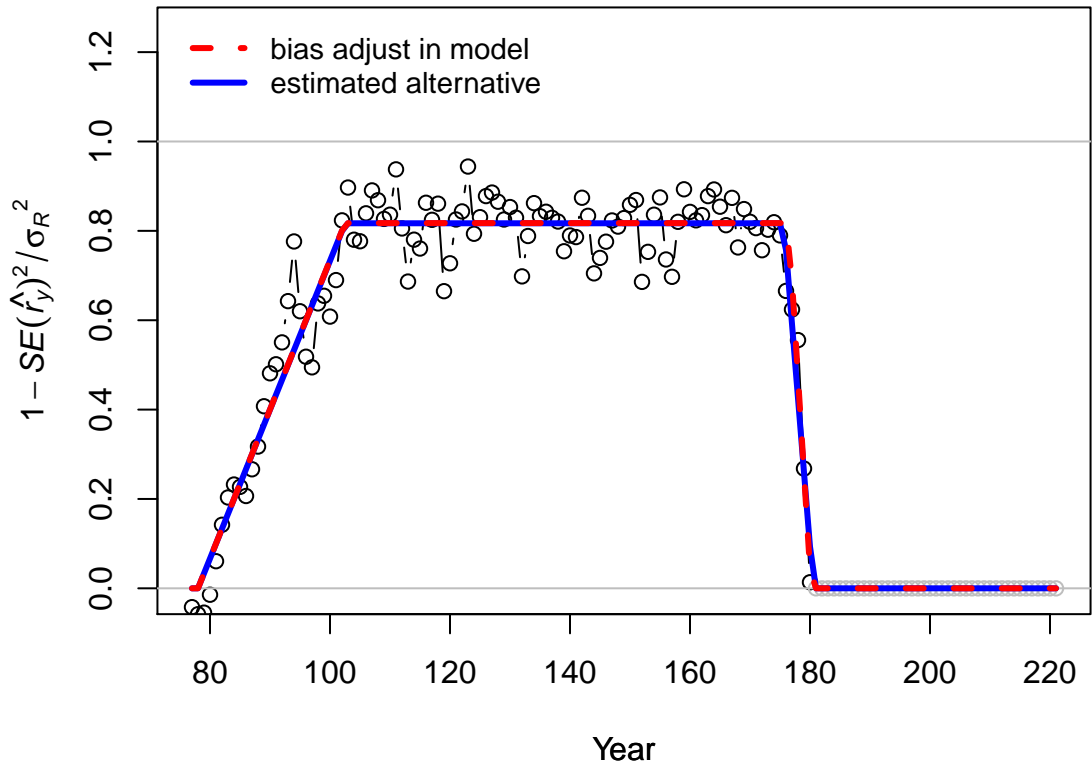


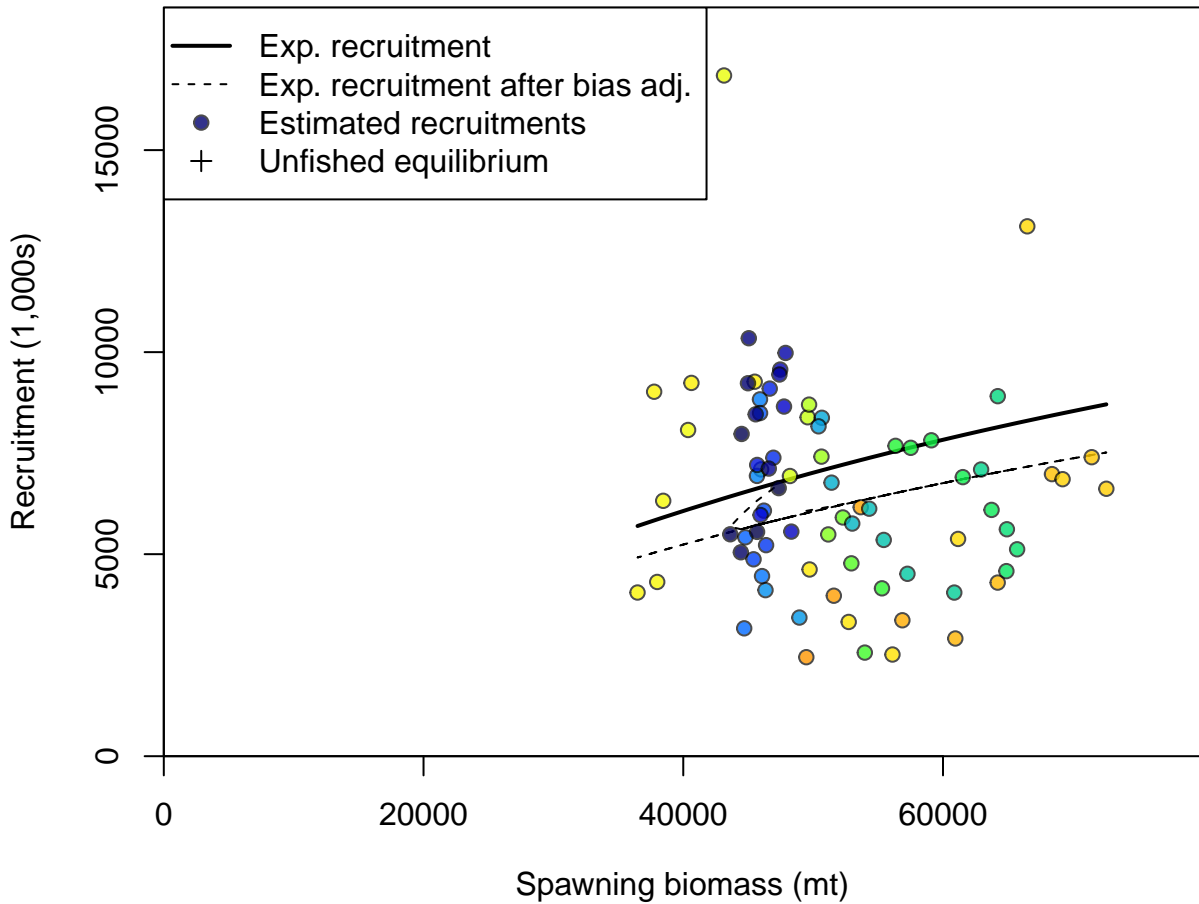


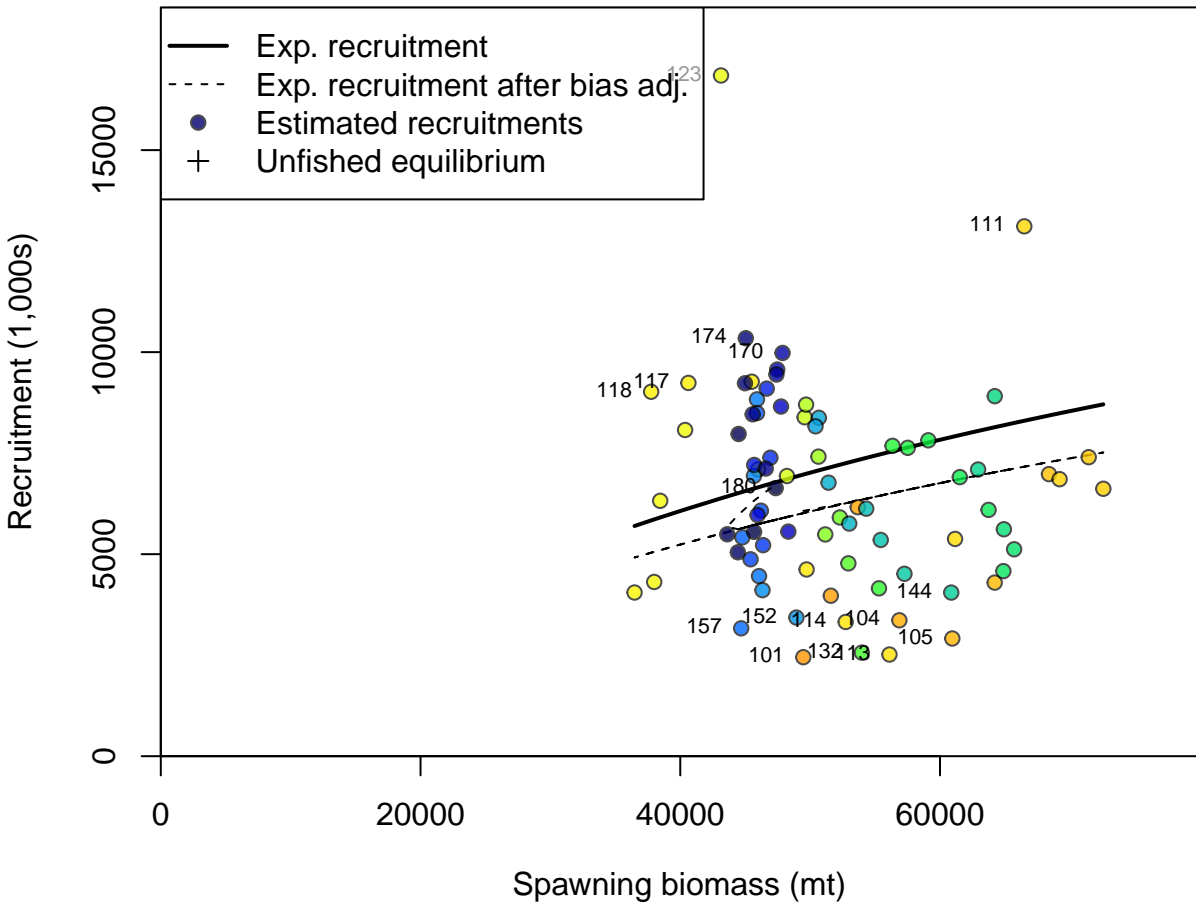


# Recruitment deviation variance



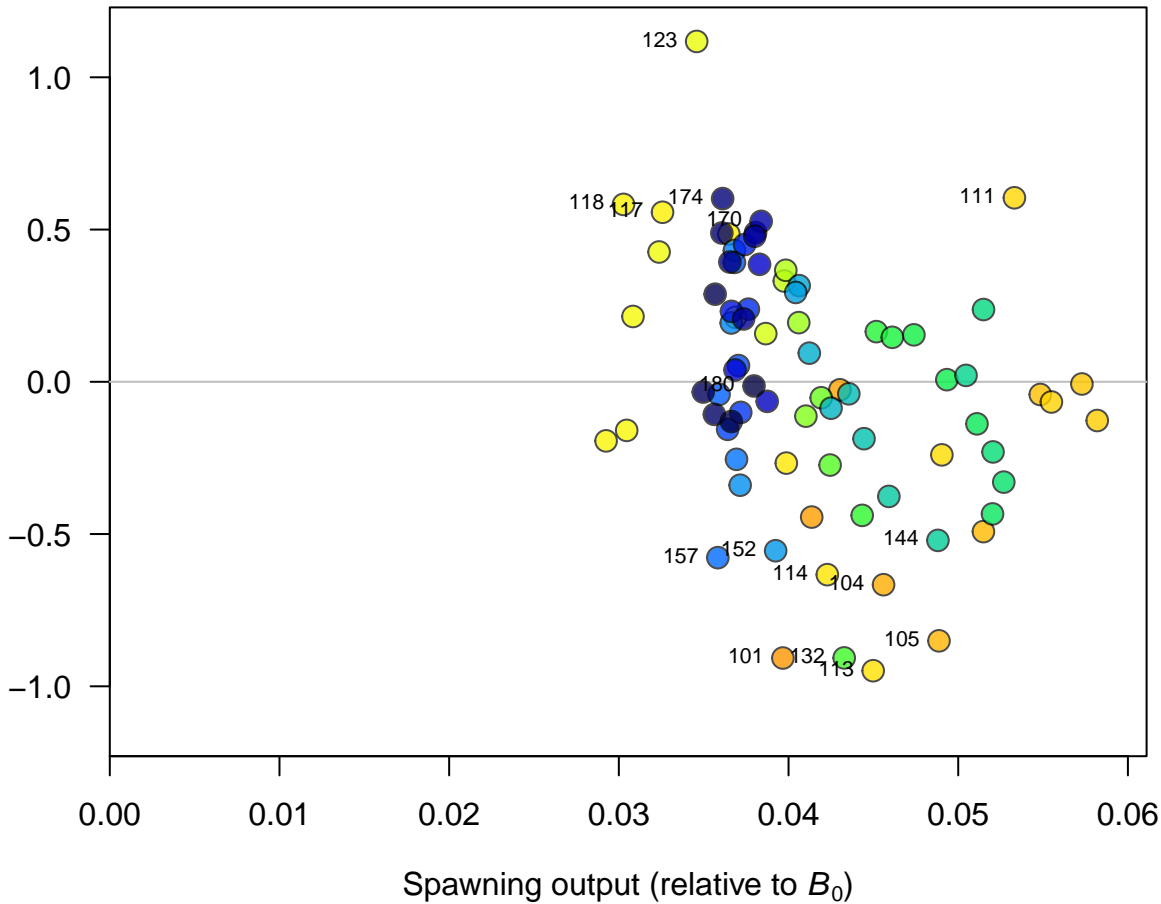








Log recruitment deviation

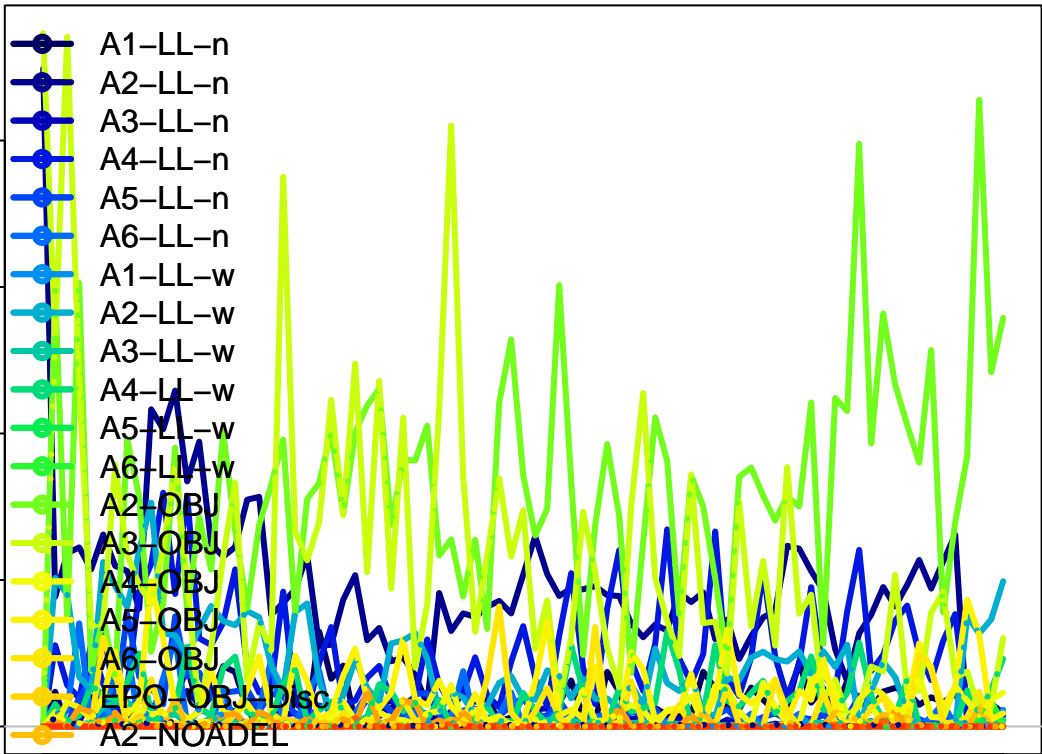






Observed and expected Landings (mt)

20000  
15000  
10000  
5000  
0



100

120

140

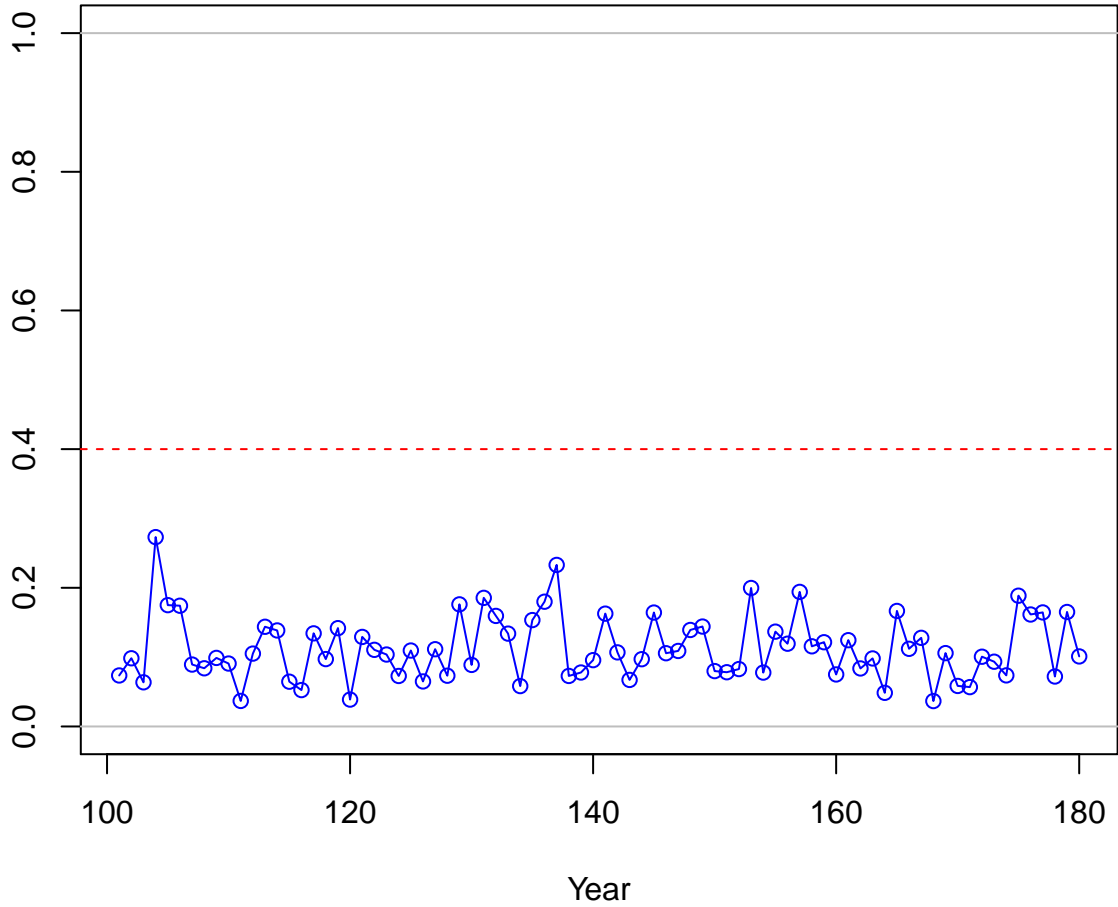
160

180

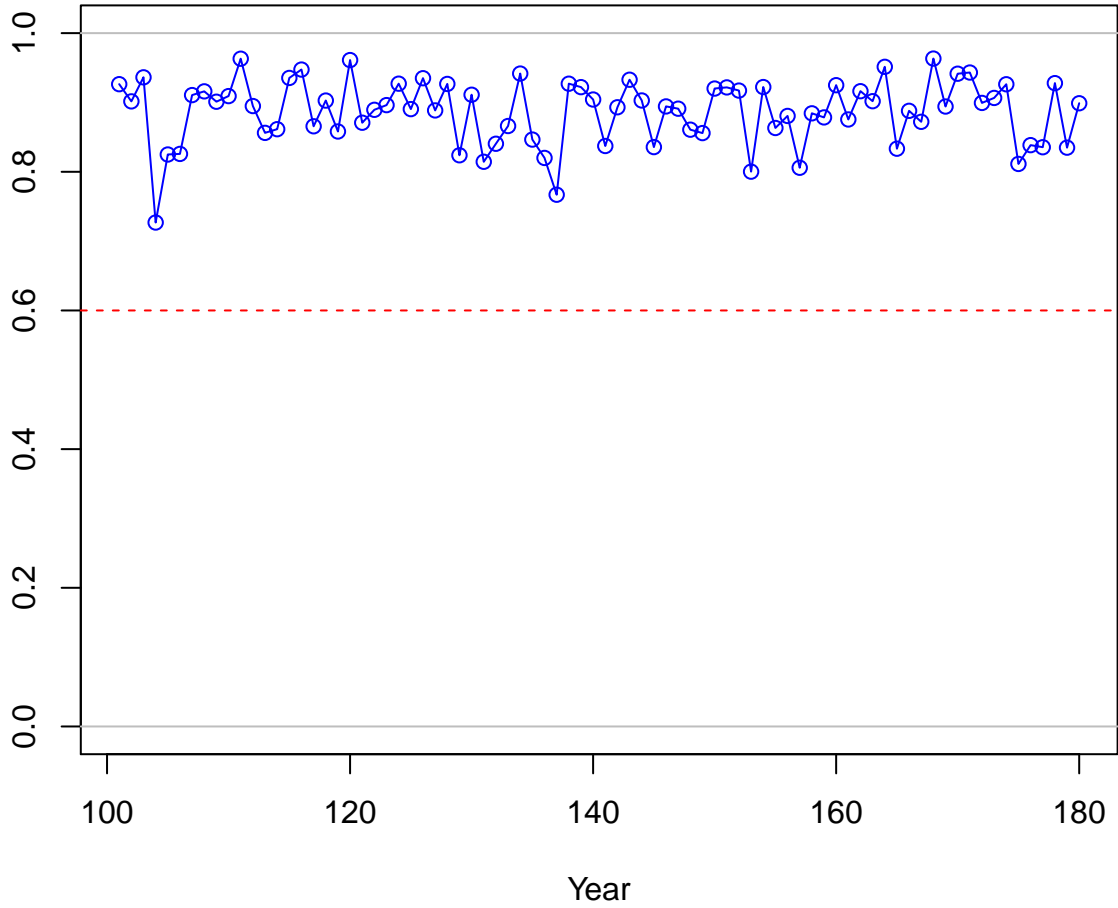
Year



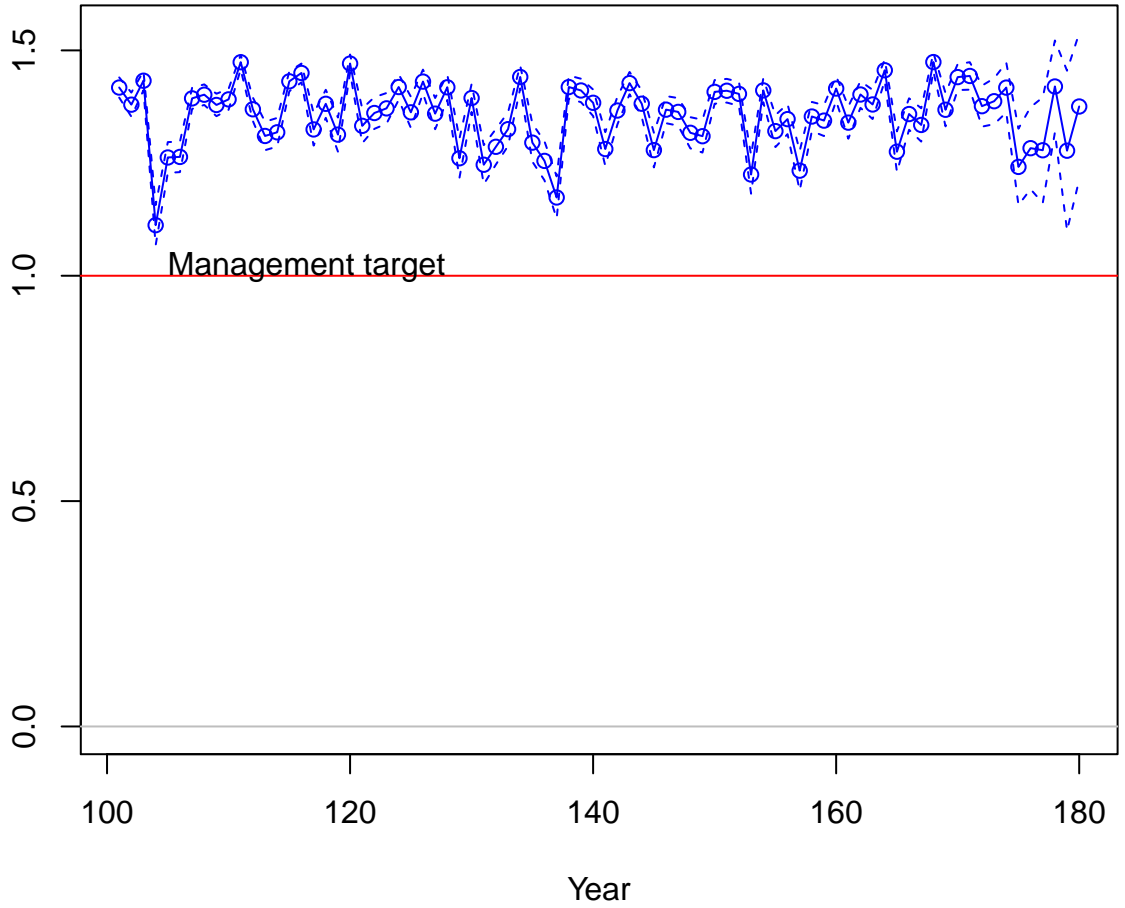
SPR



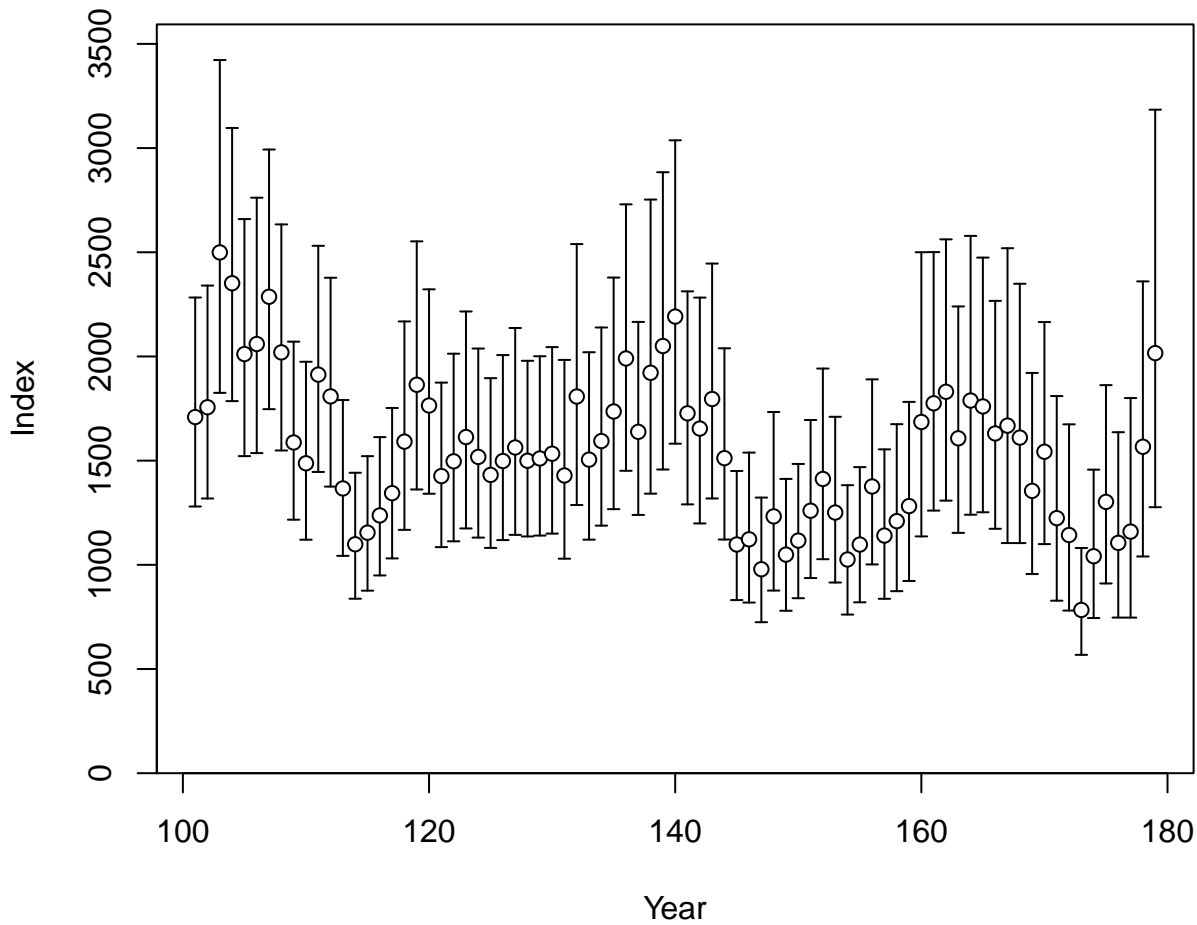
1-SPR

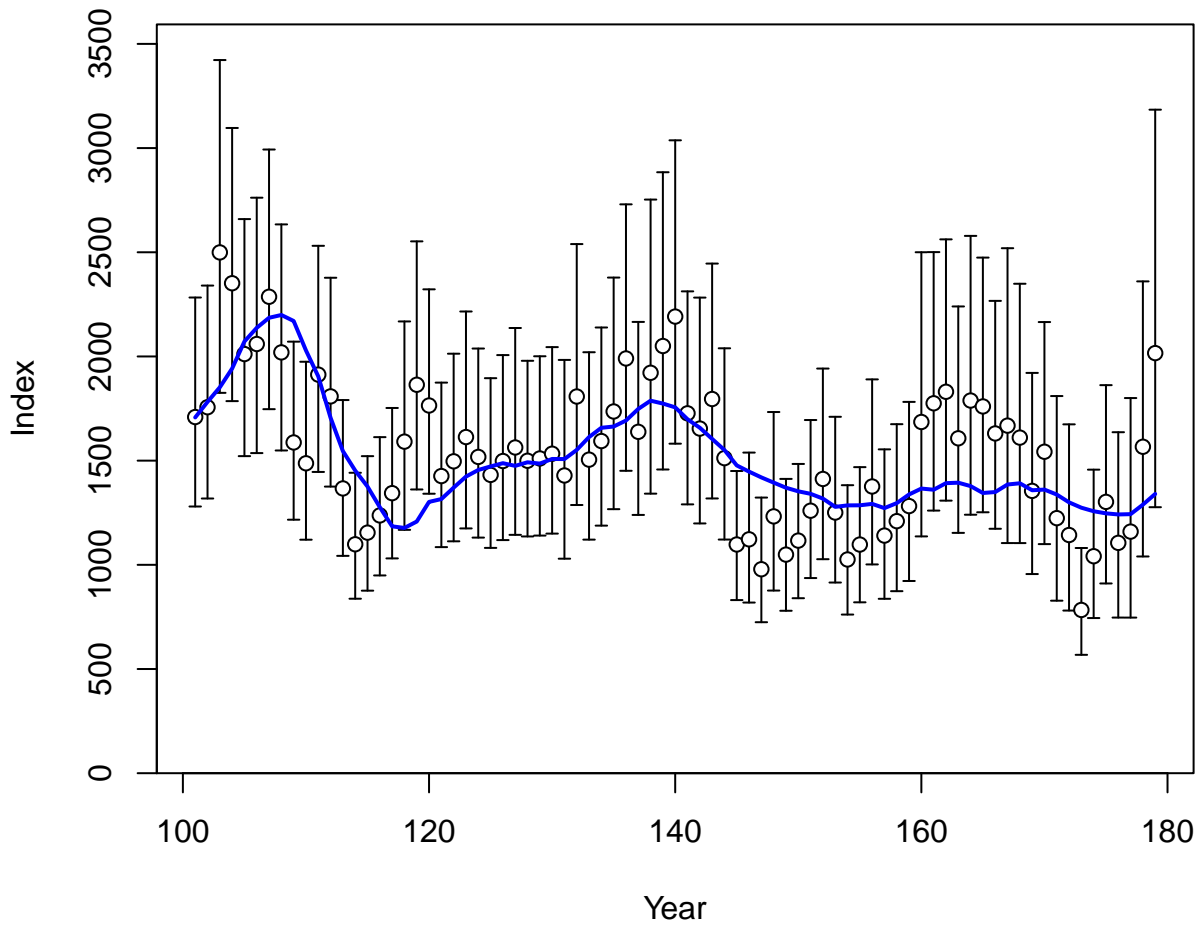


$(1-SPR)/(1-SPR\_MSY)$

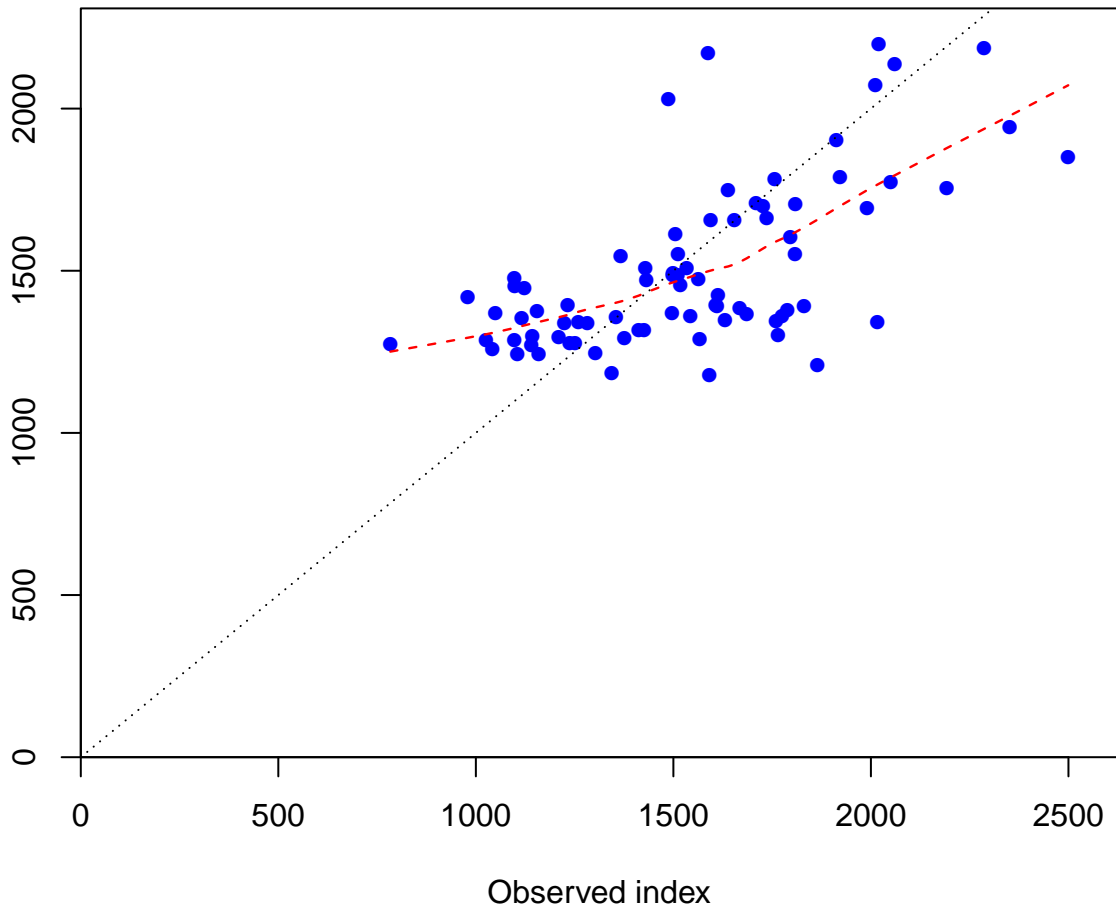


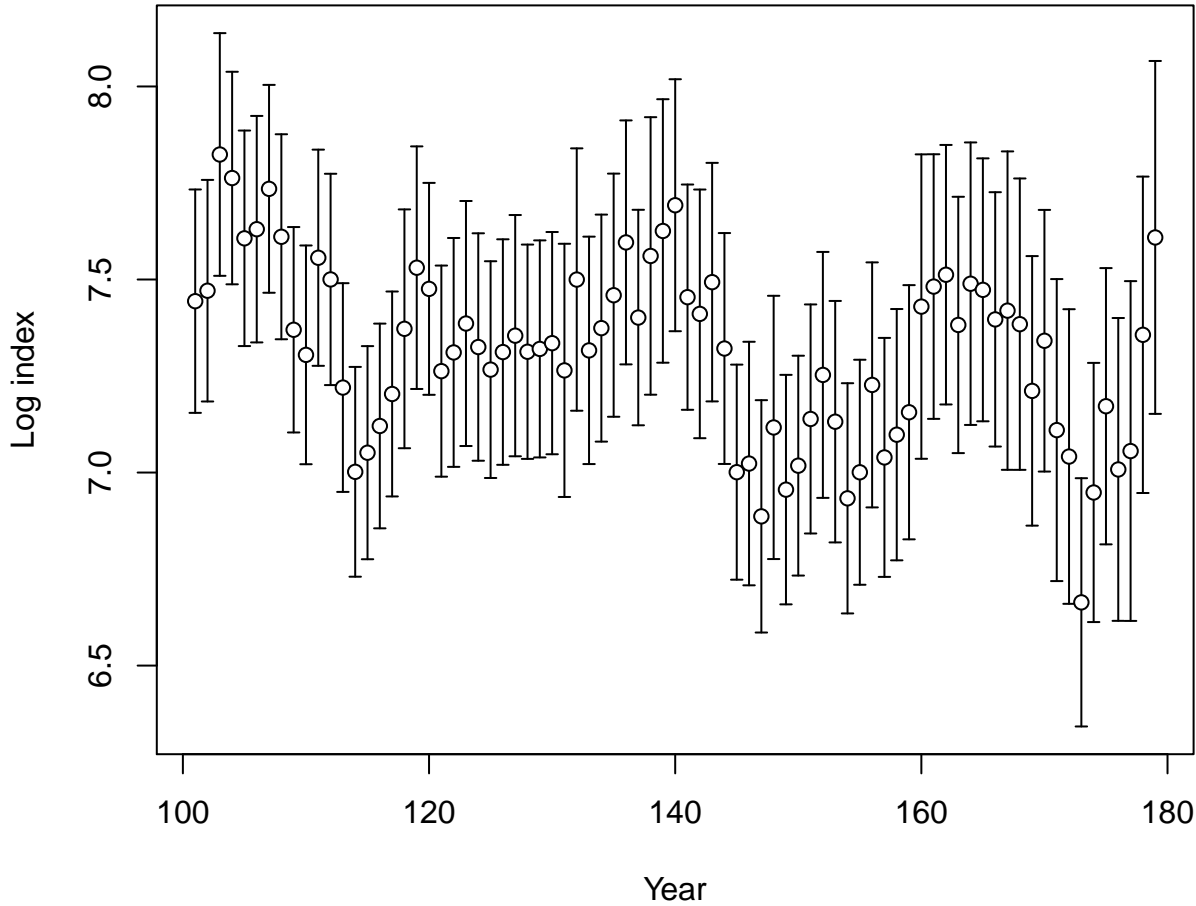






Expected index





Log index

8.0  
7.5  
7.0  
6.5

100

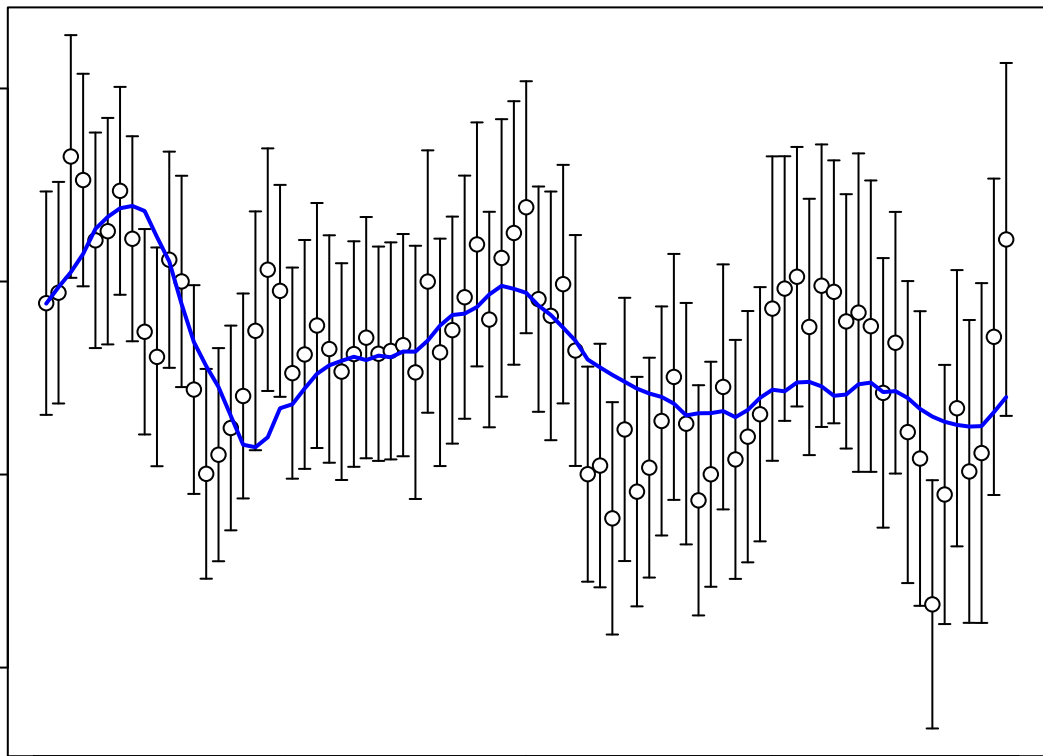
120

140

160

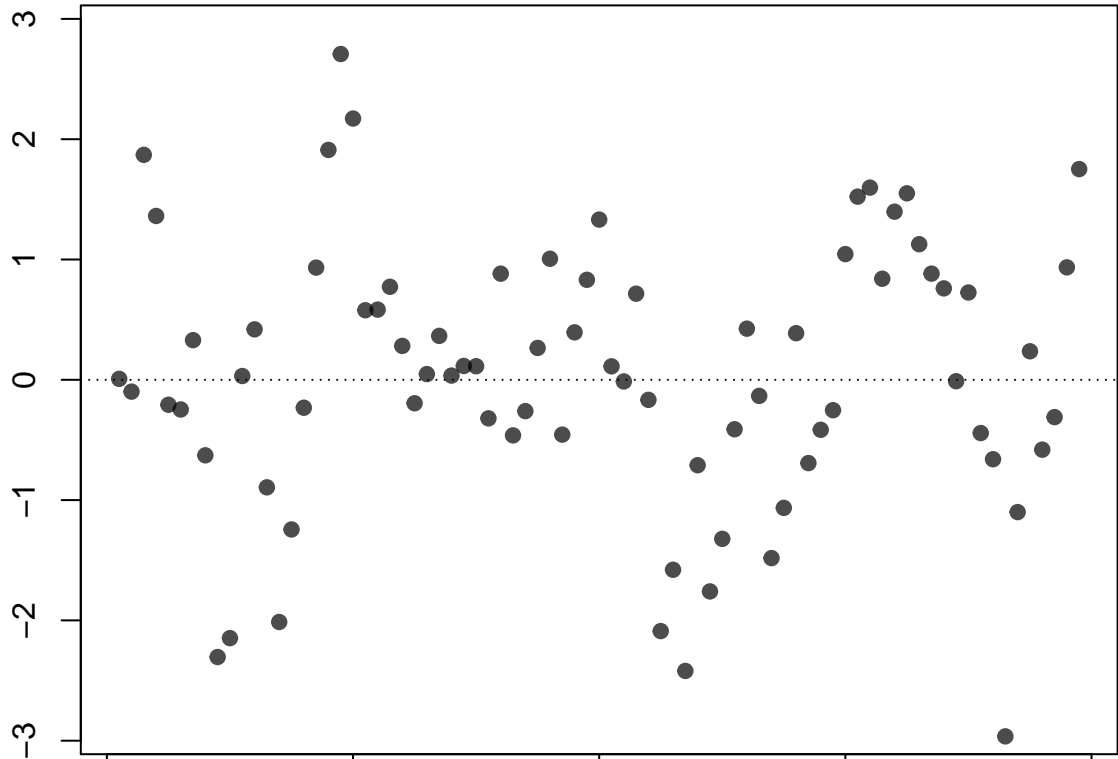
180

Year





Residual



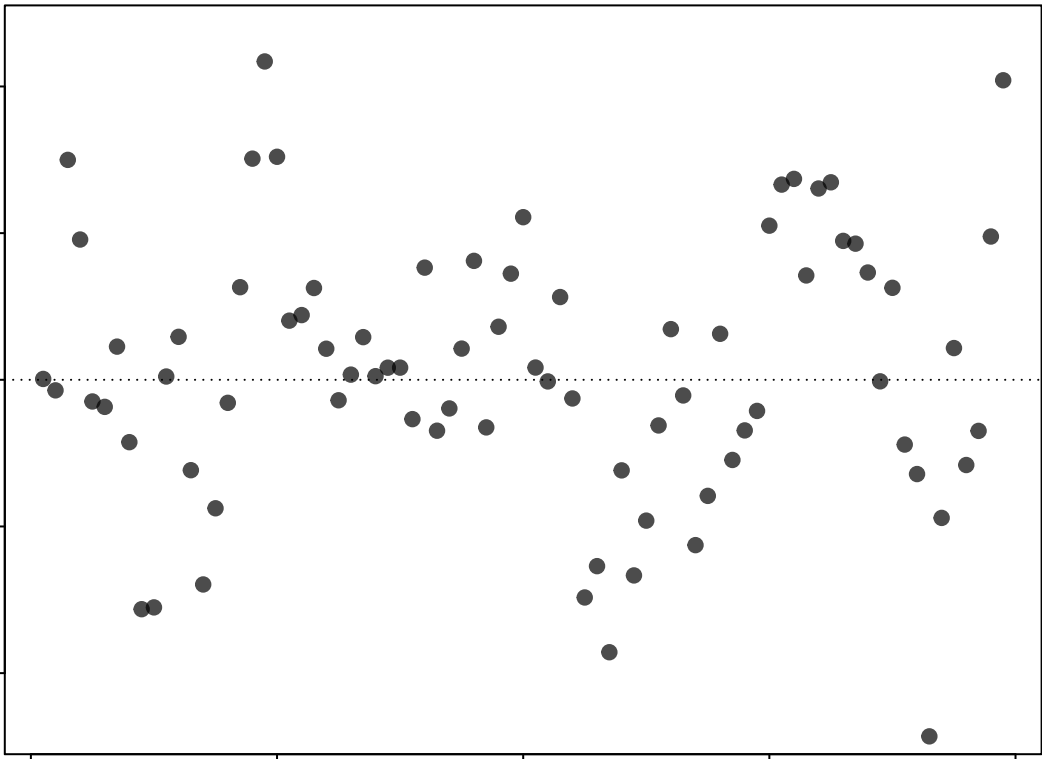
Year

Deviation

0.4  
0.2  
0.0  
-0.2  
-0.4

100 120 140 160 180

Year



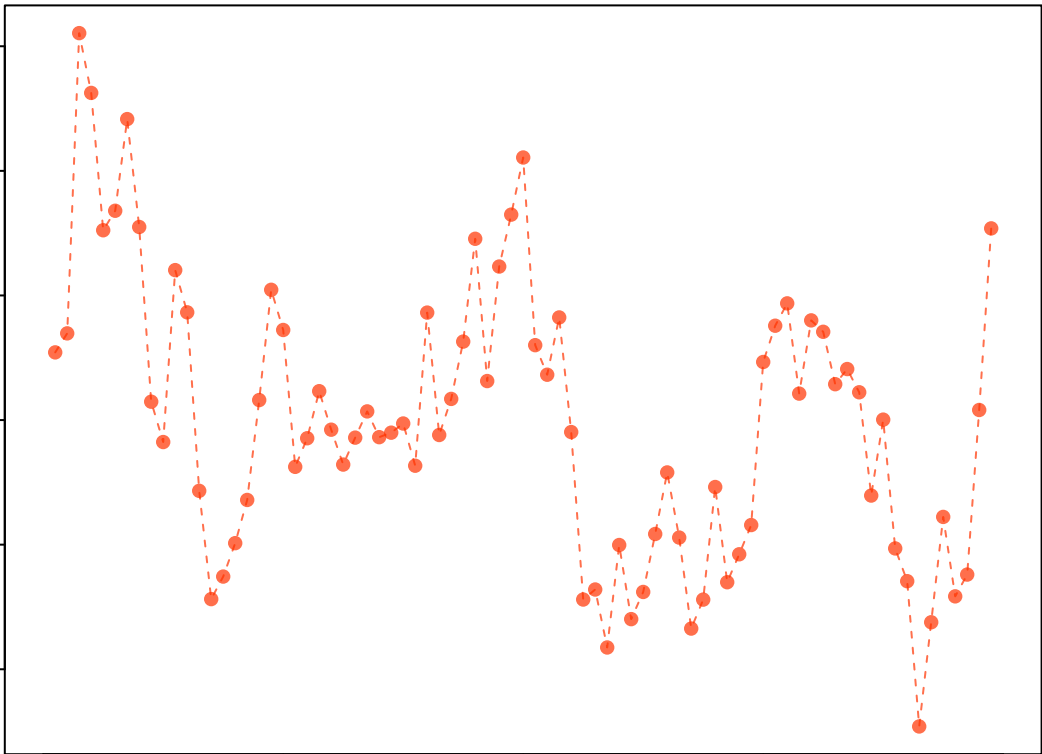


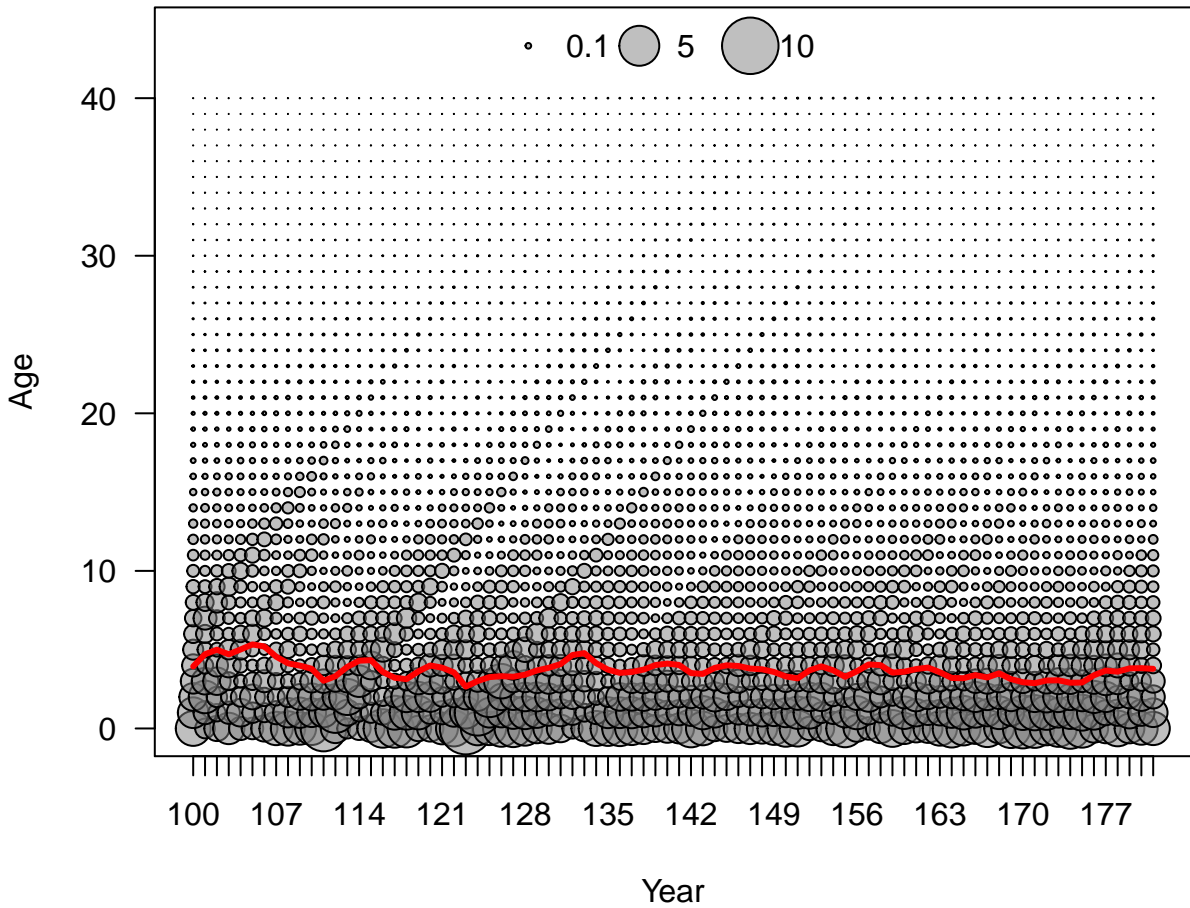
Standardized index

1.6  
1.4  
1.2  
1.0  
0.8  
0.6

100 120 140 160 180

Year





Age

• 0.1    ◯ 5    ◯ 10

40

30

20

10

0

100

107

114

121

128

135

142

149

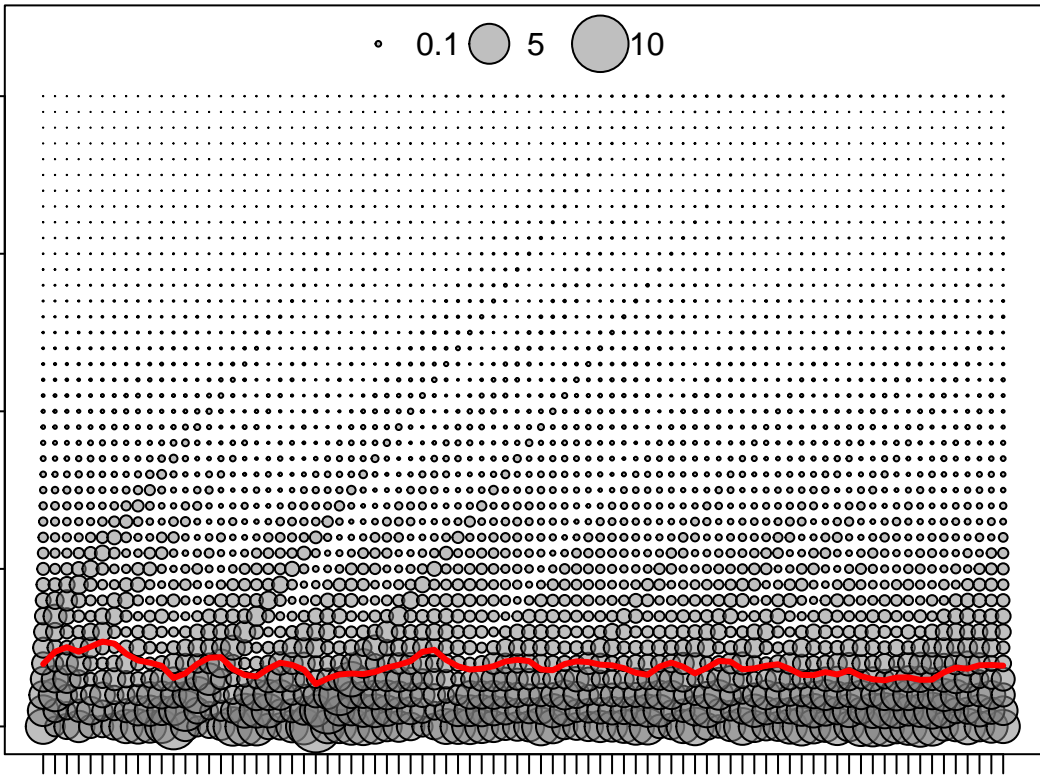
156

163

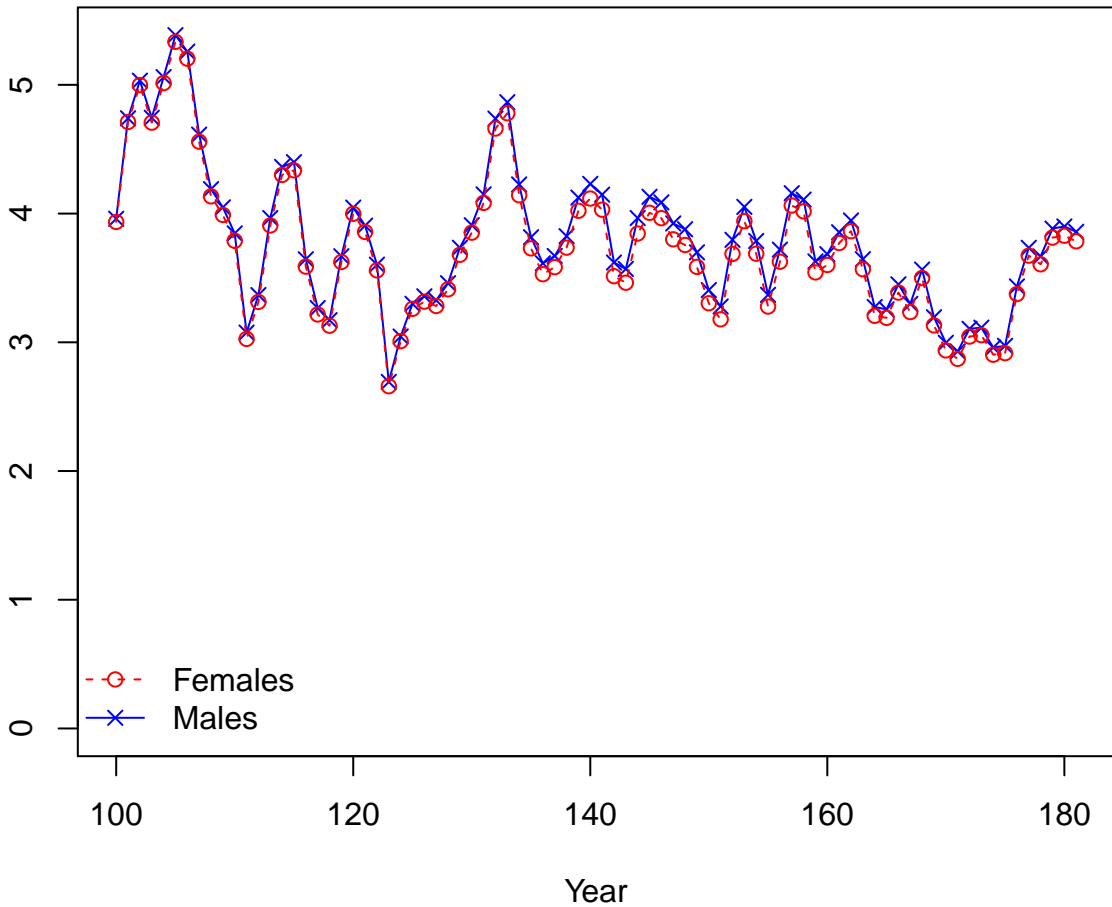
170

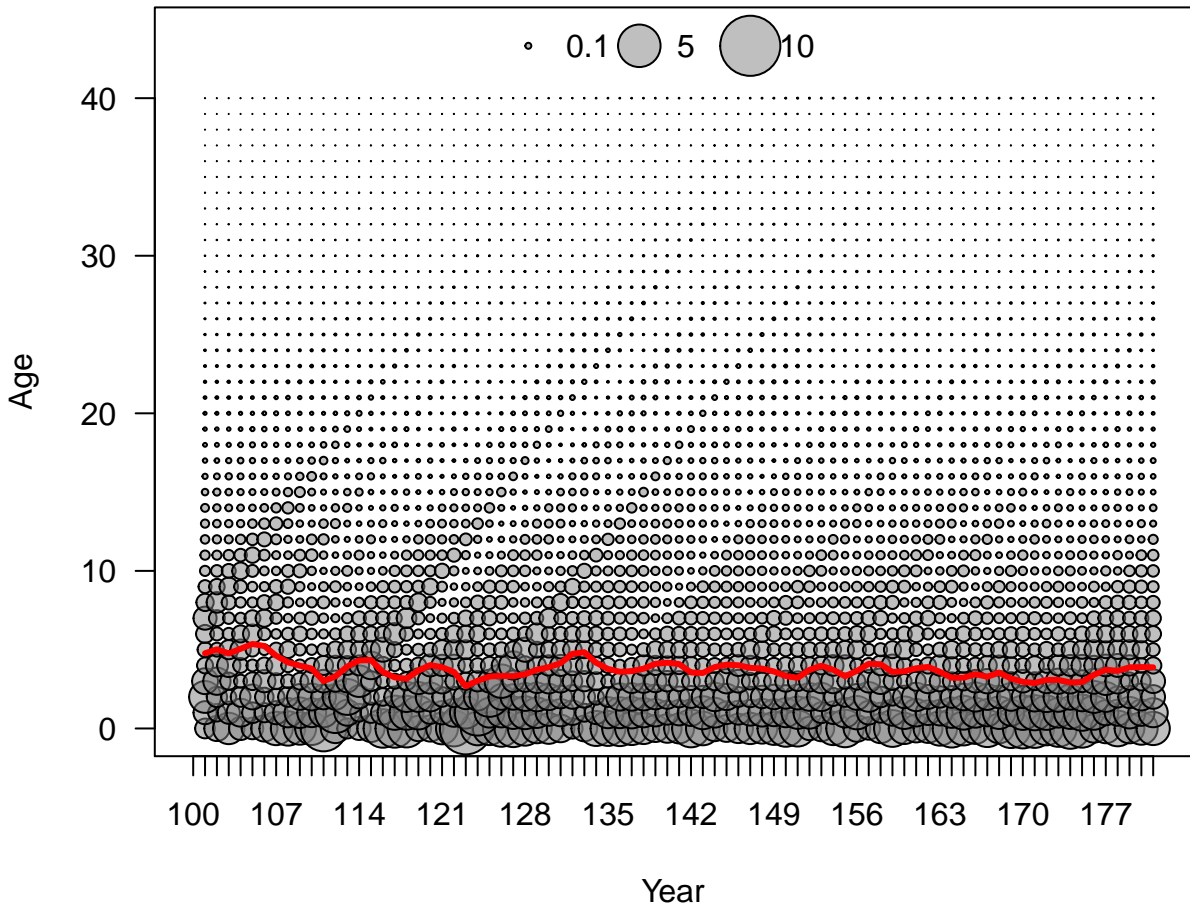
177

Year



Mean age (yr)





Age

• 0.1    ● 5    ● 10

40

30

20

10

0

100

107

114

121

128

135

142

149

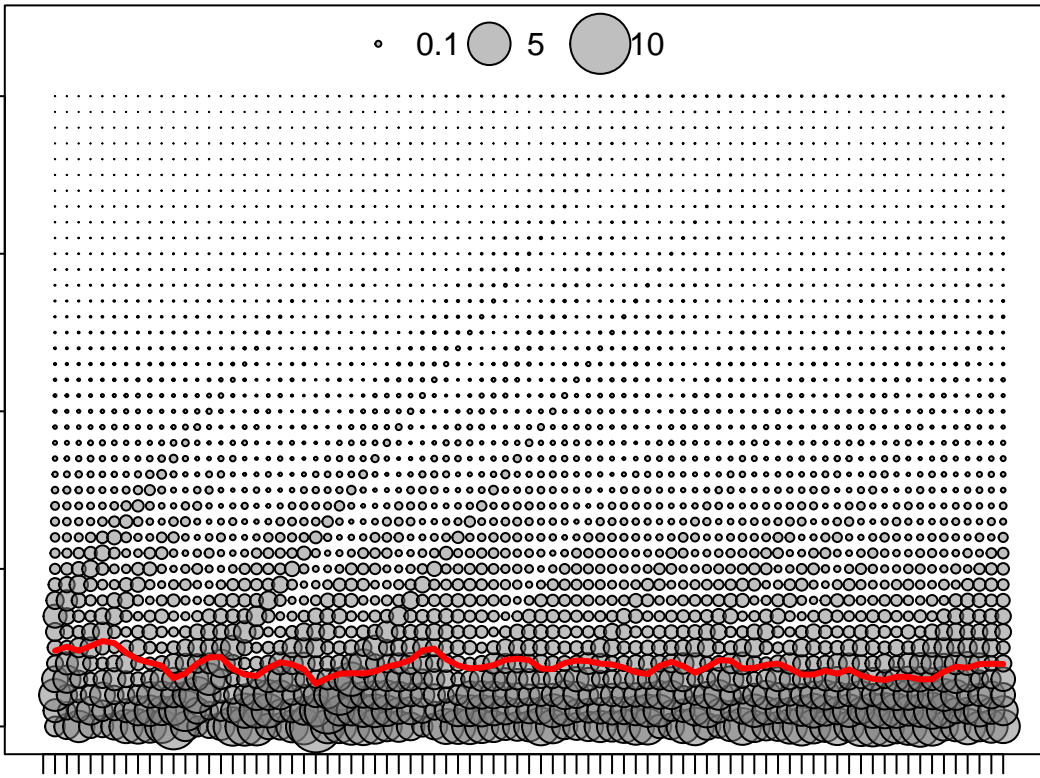
156

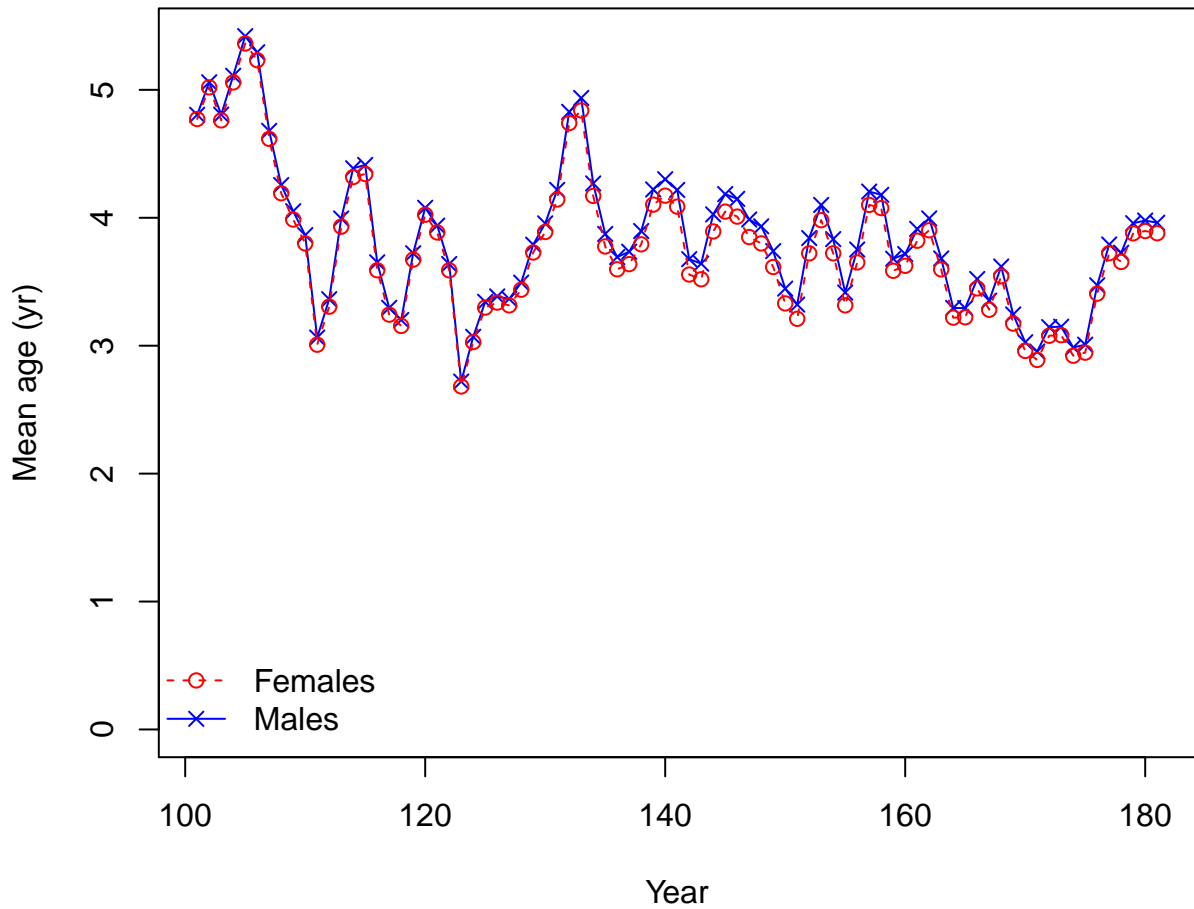
163

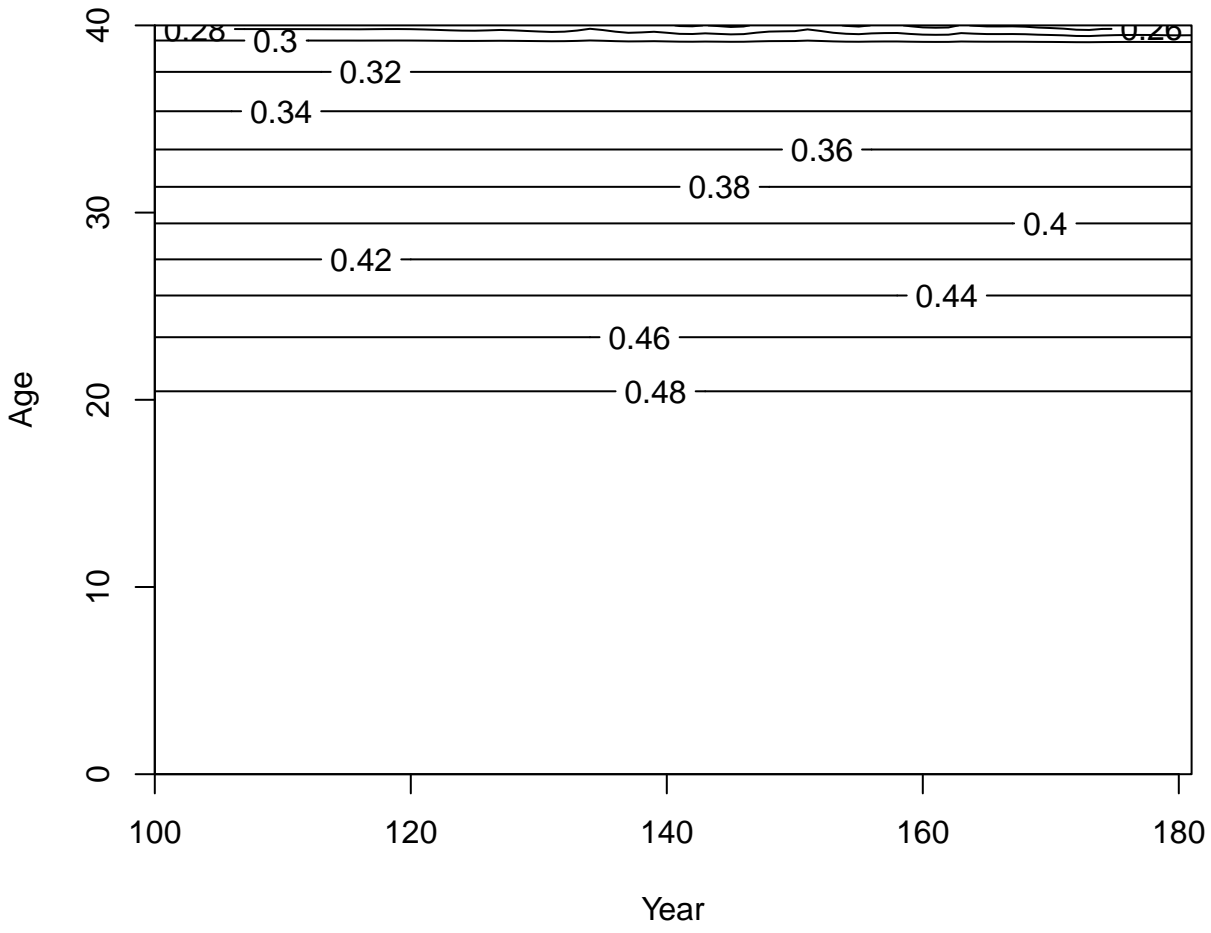
170

177

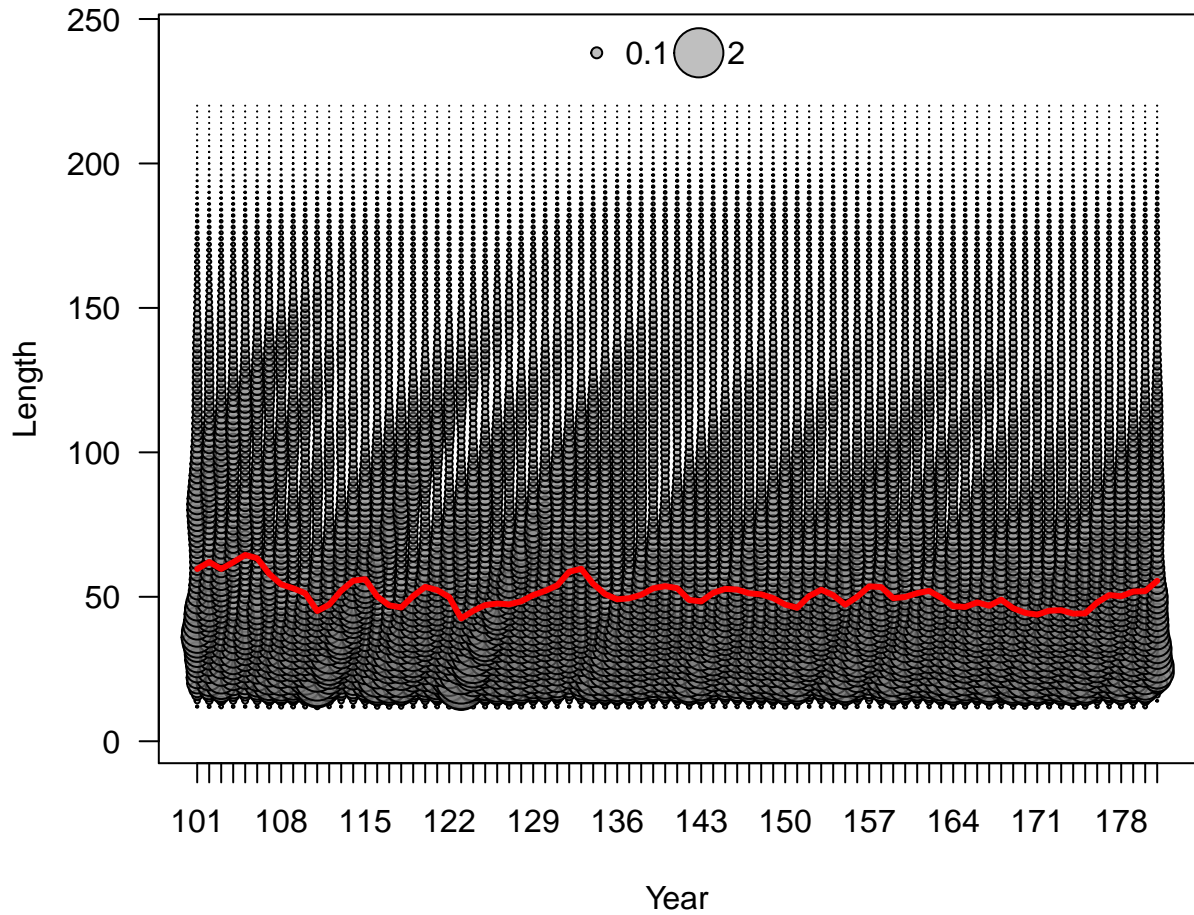
Year

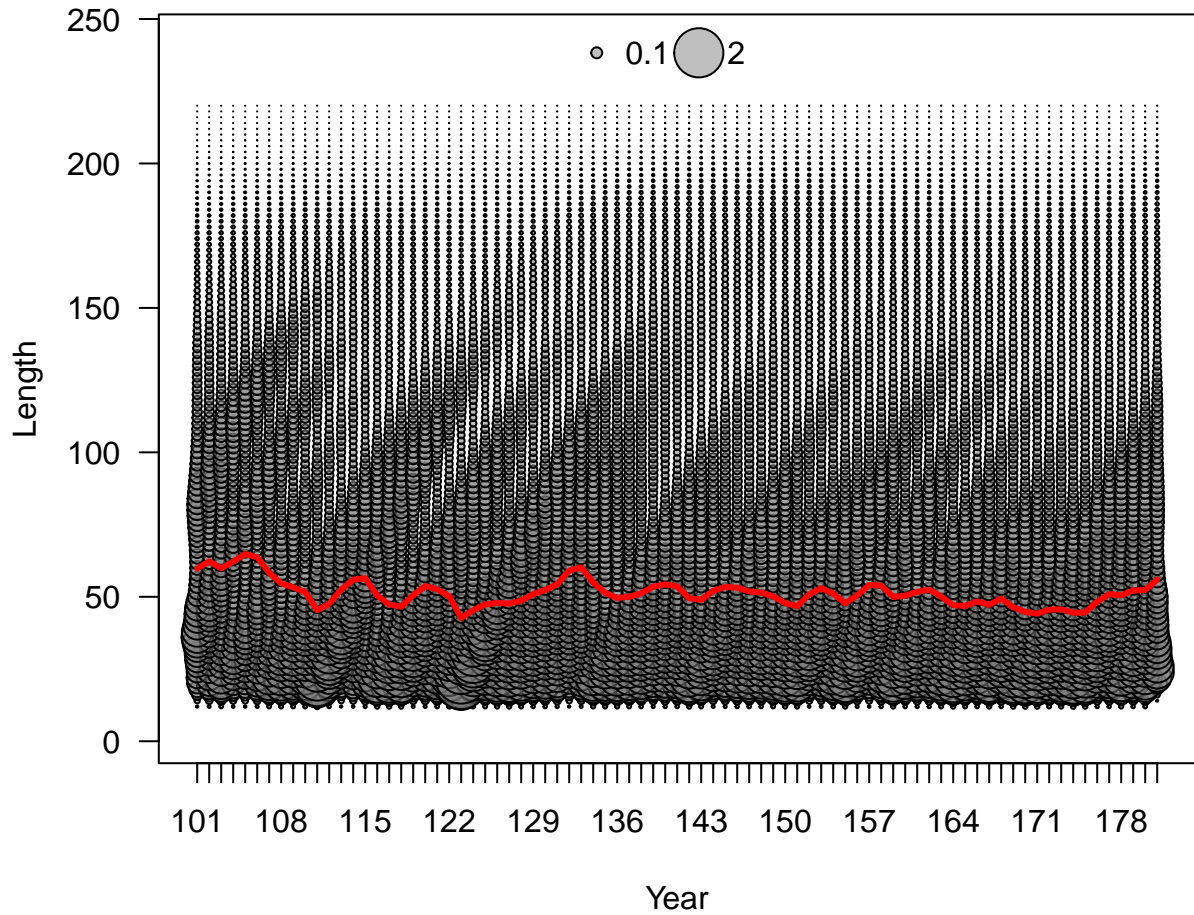


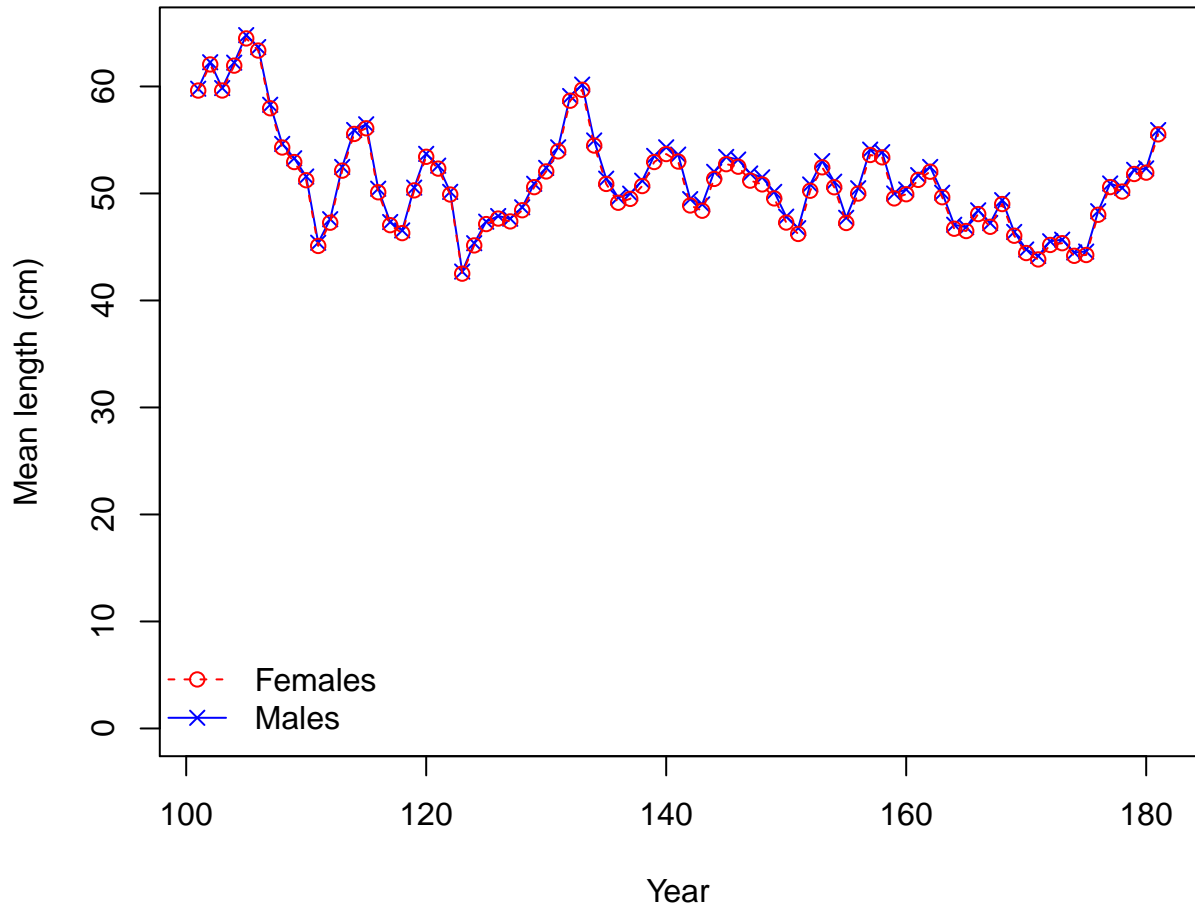


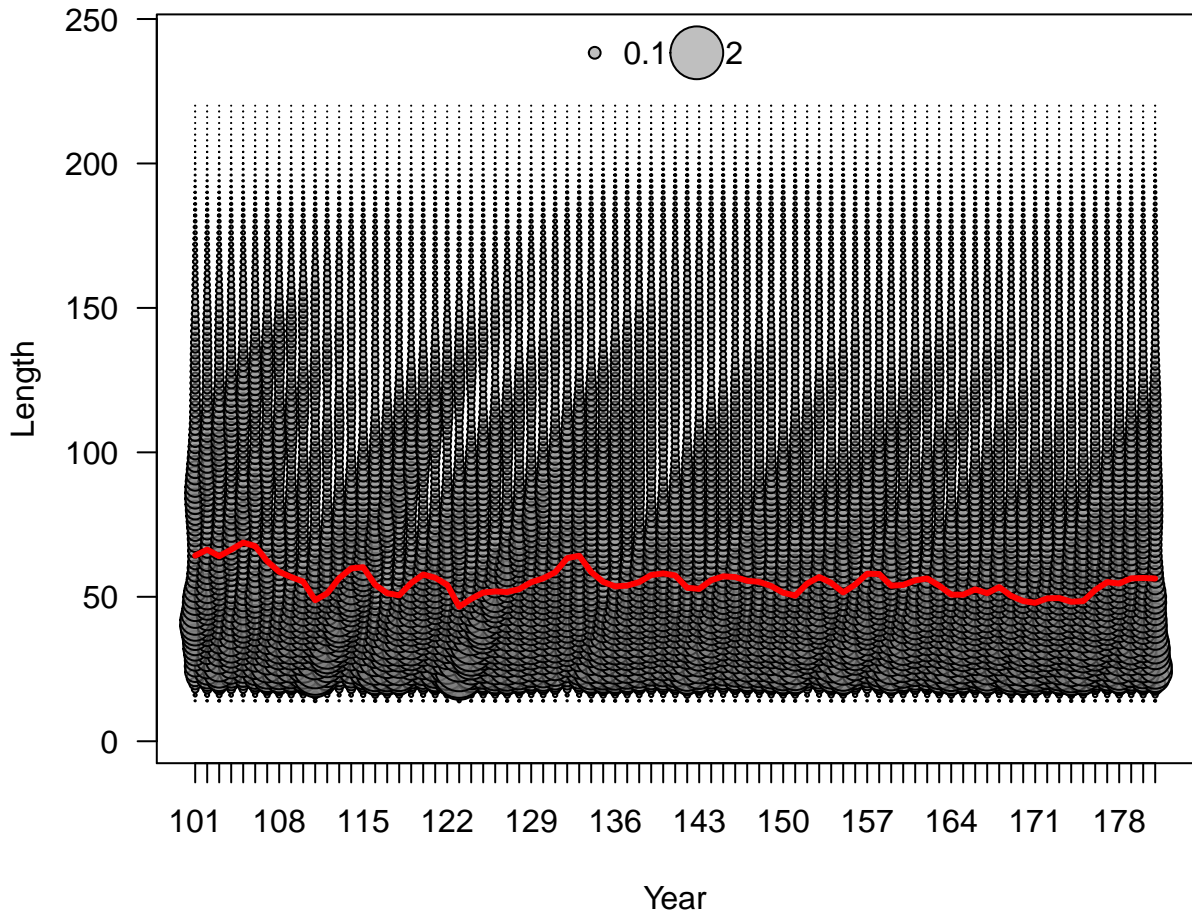


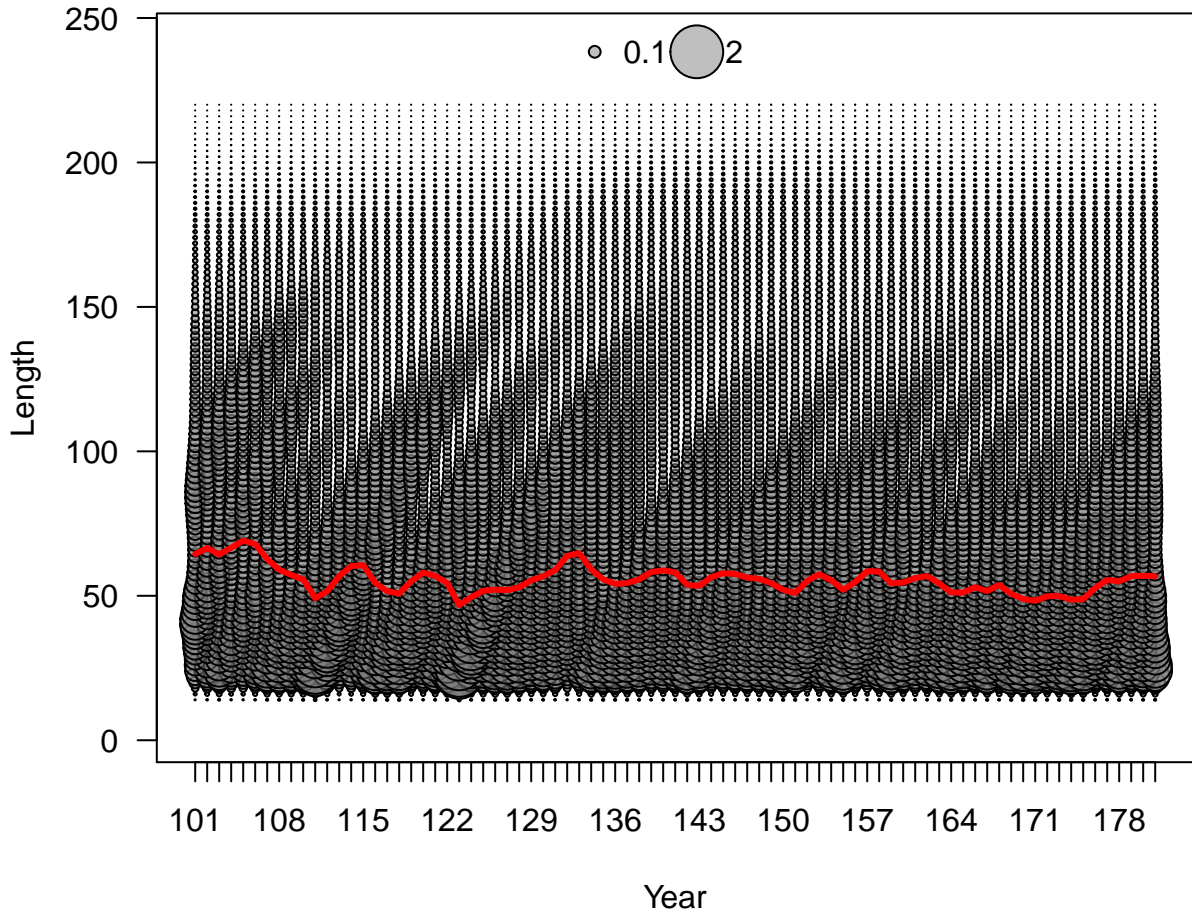


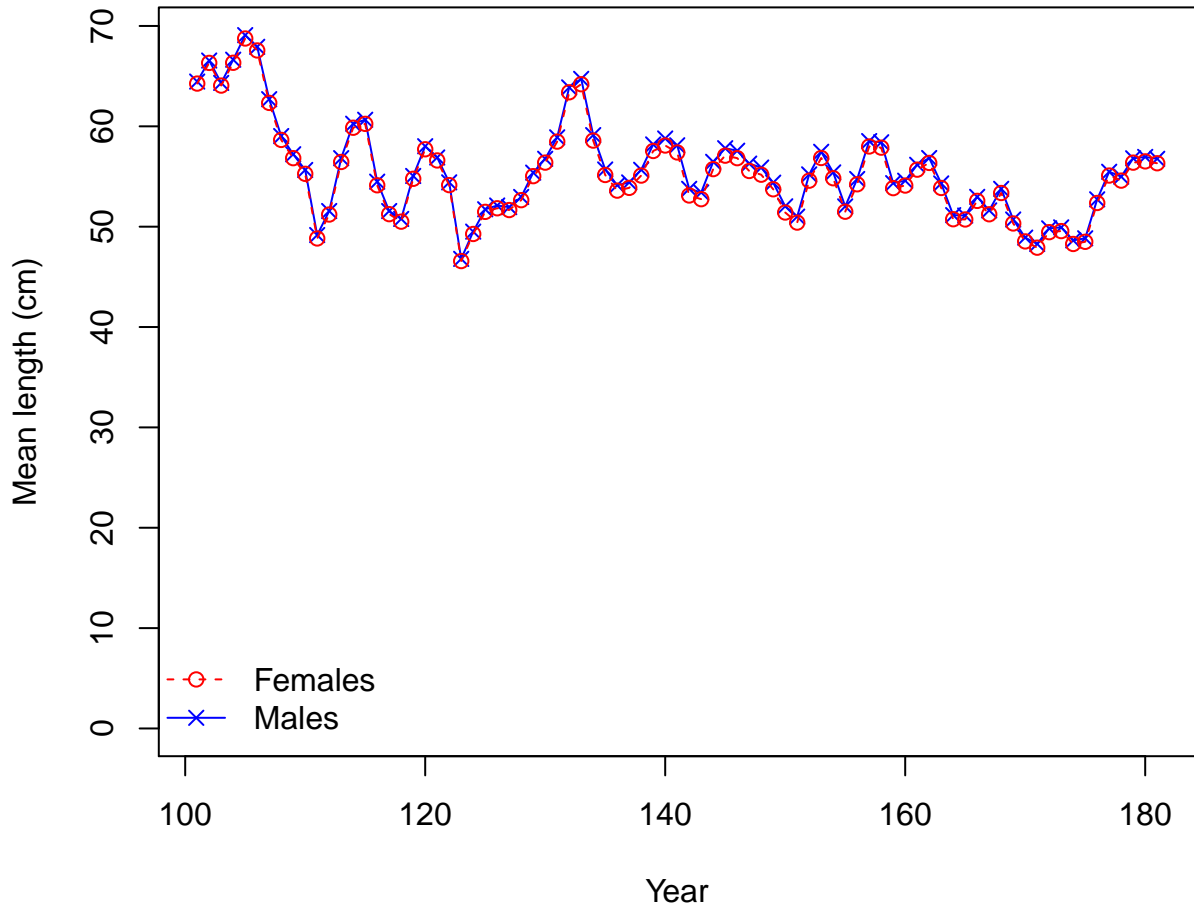




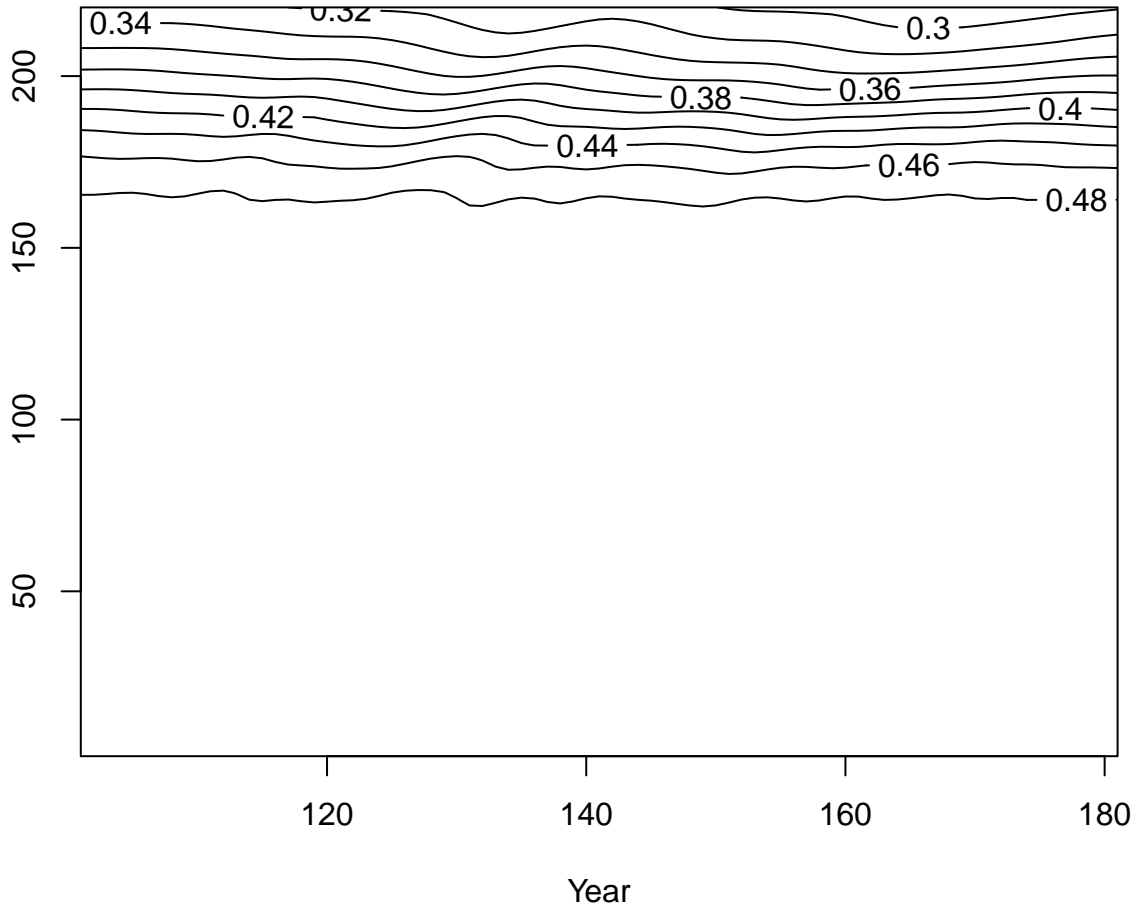


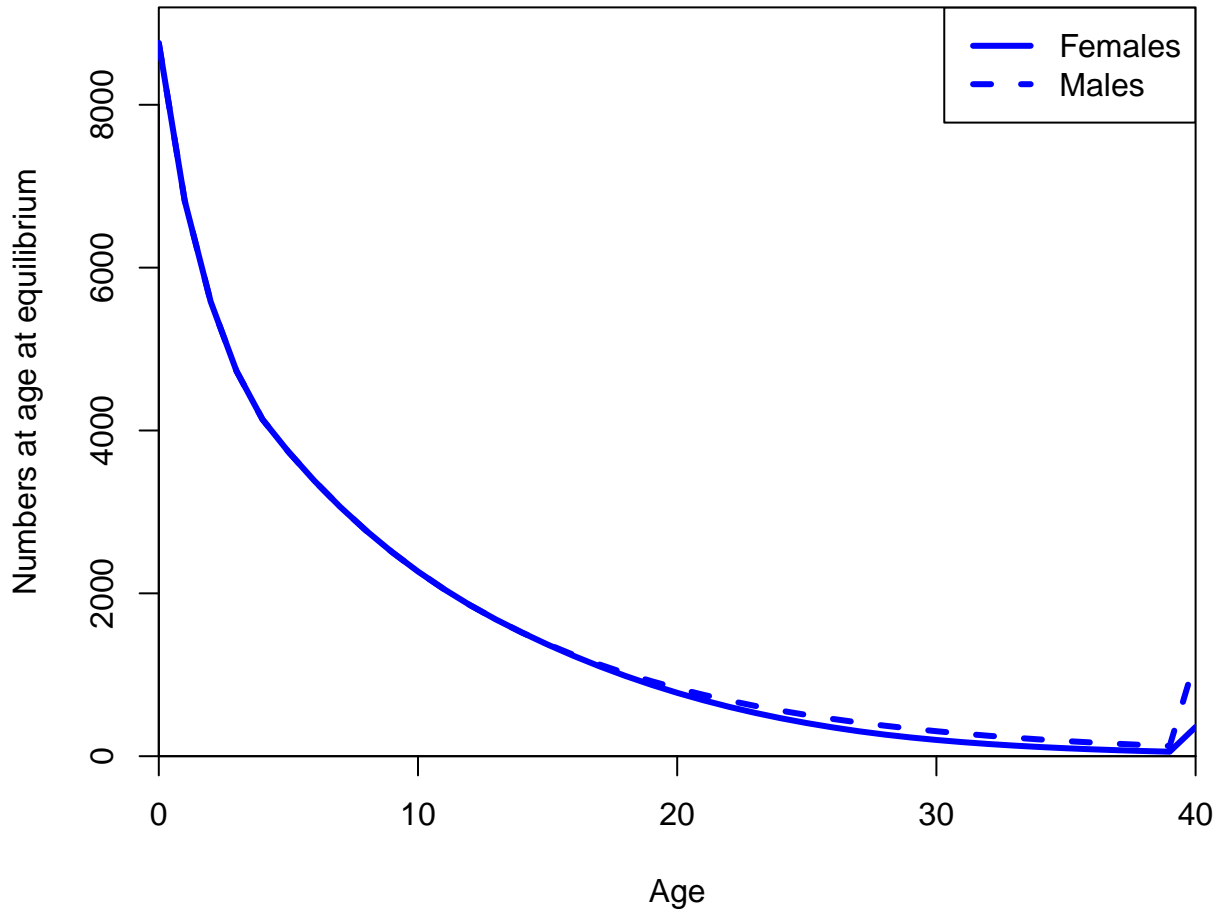




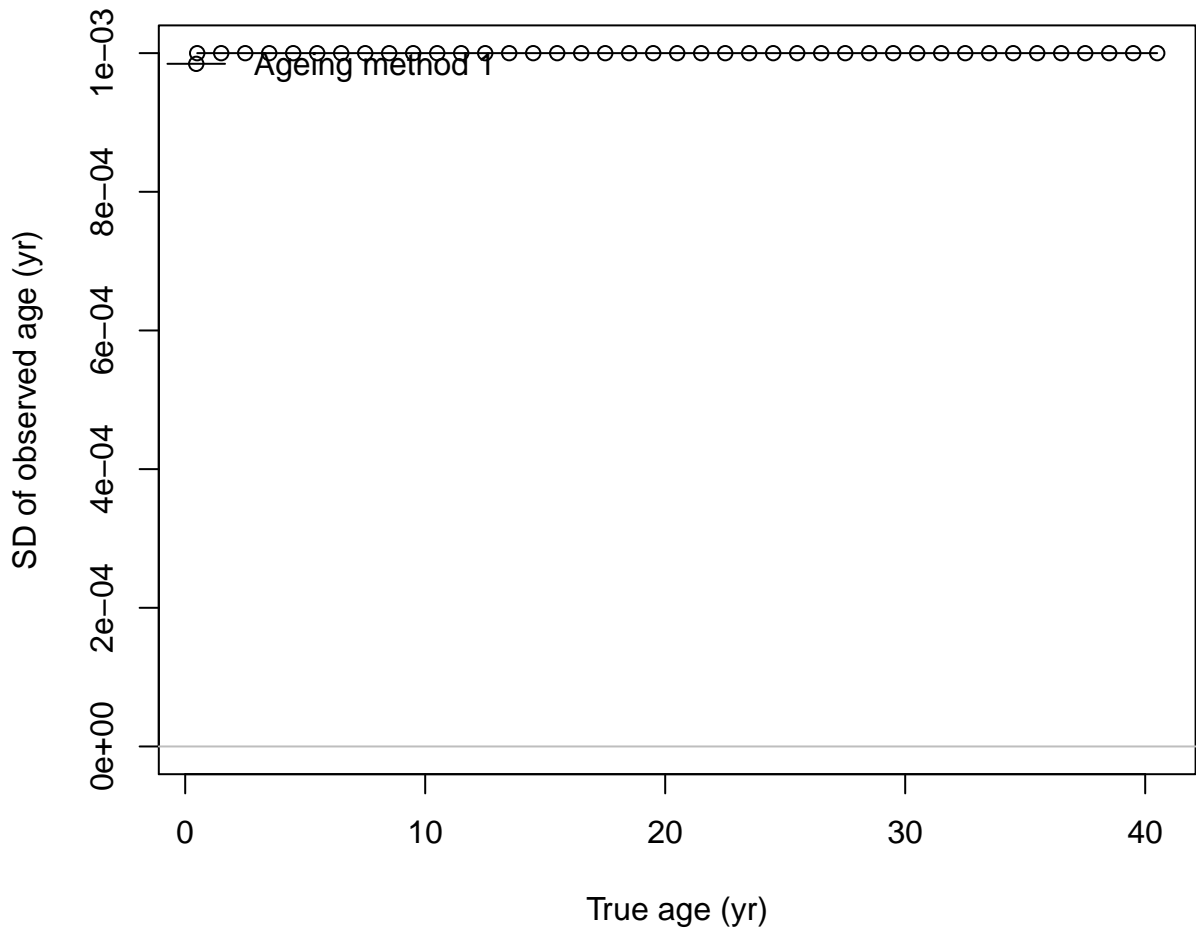


Length

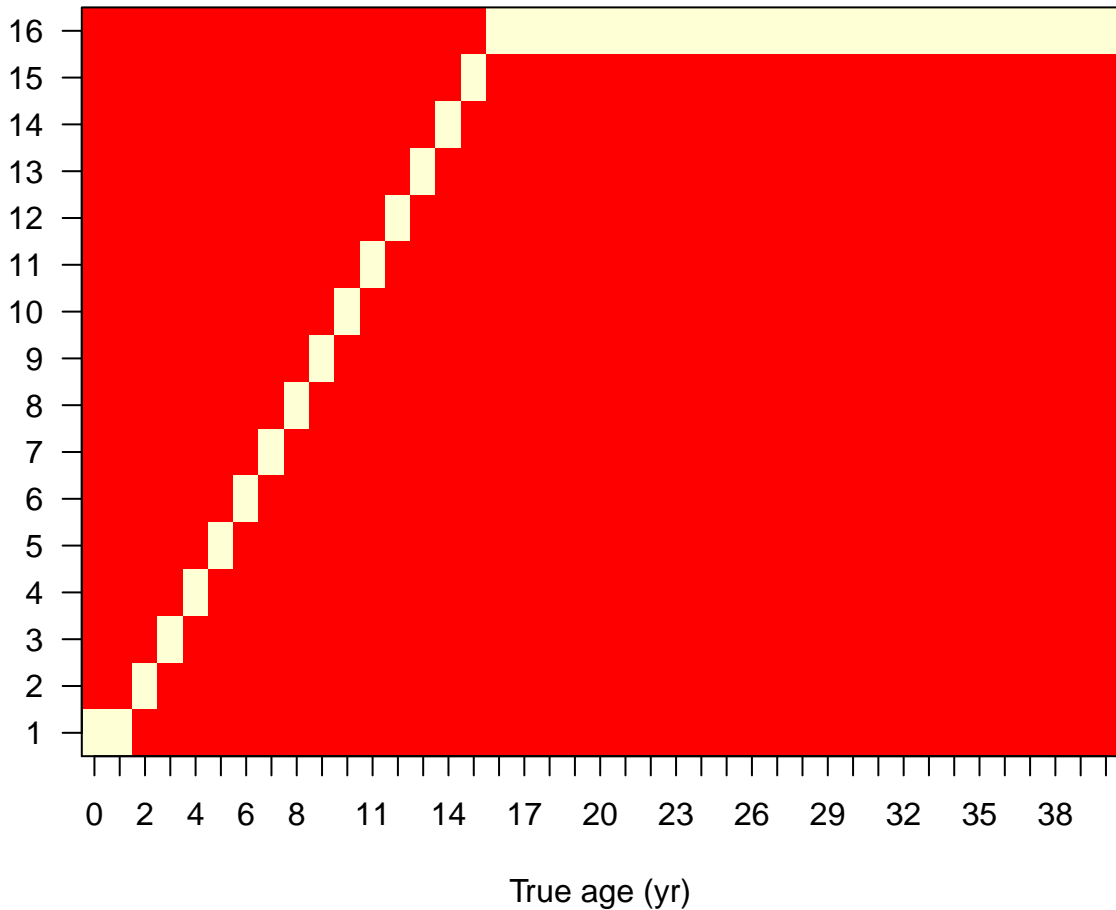


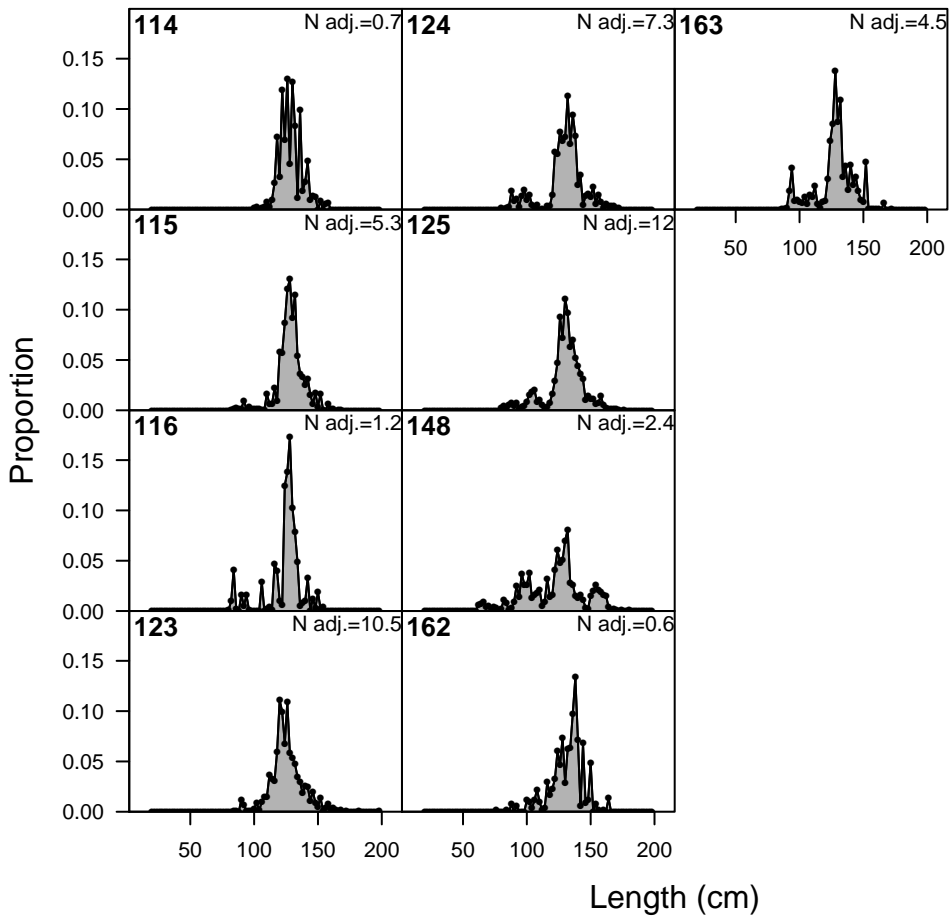


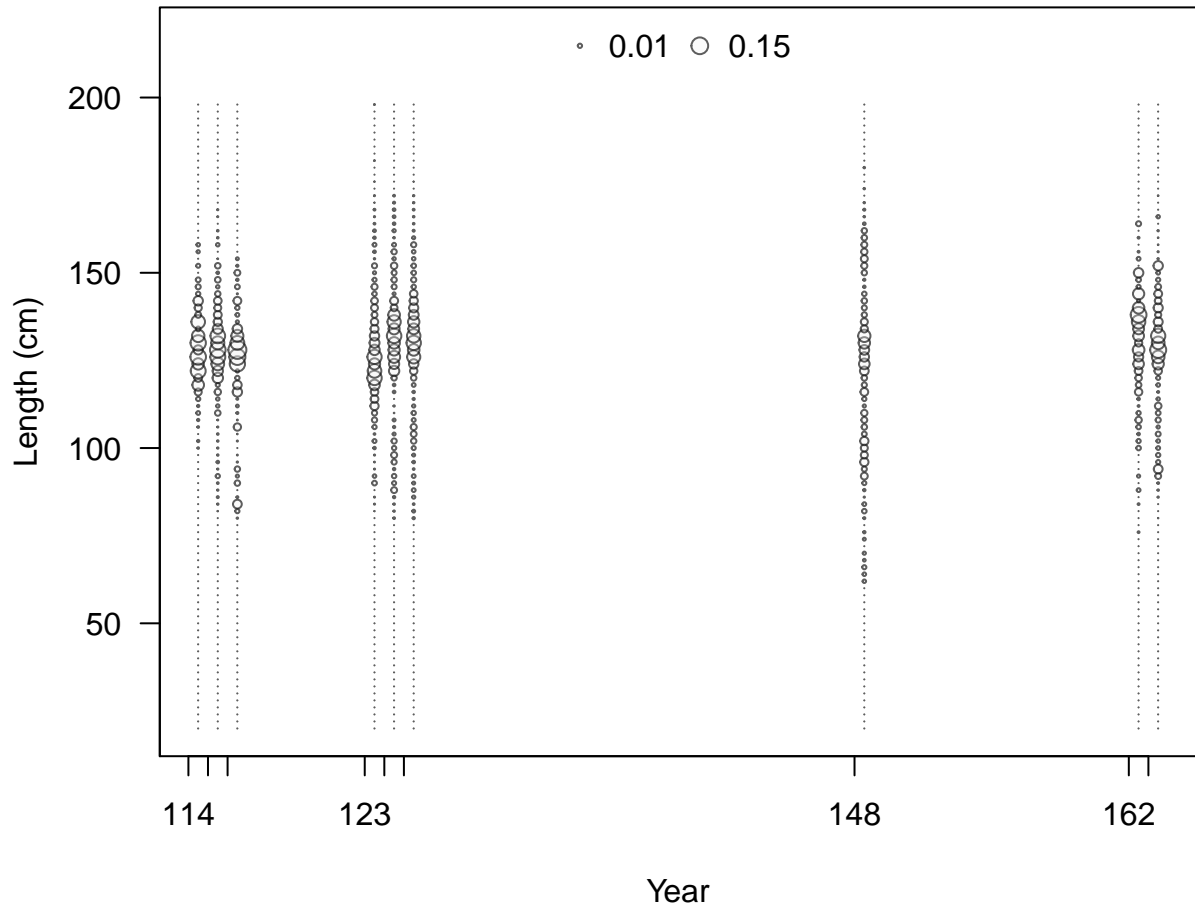




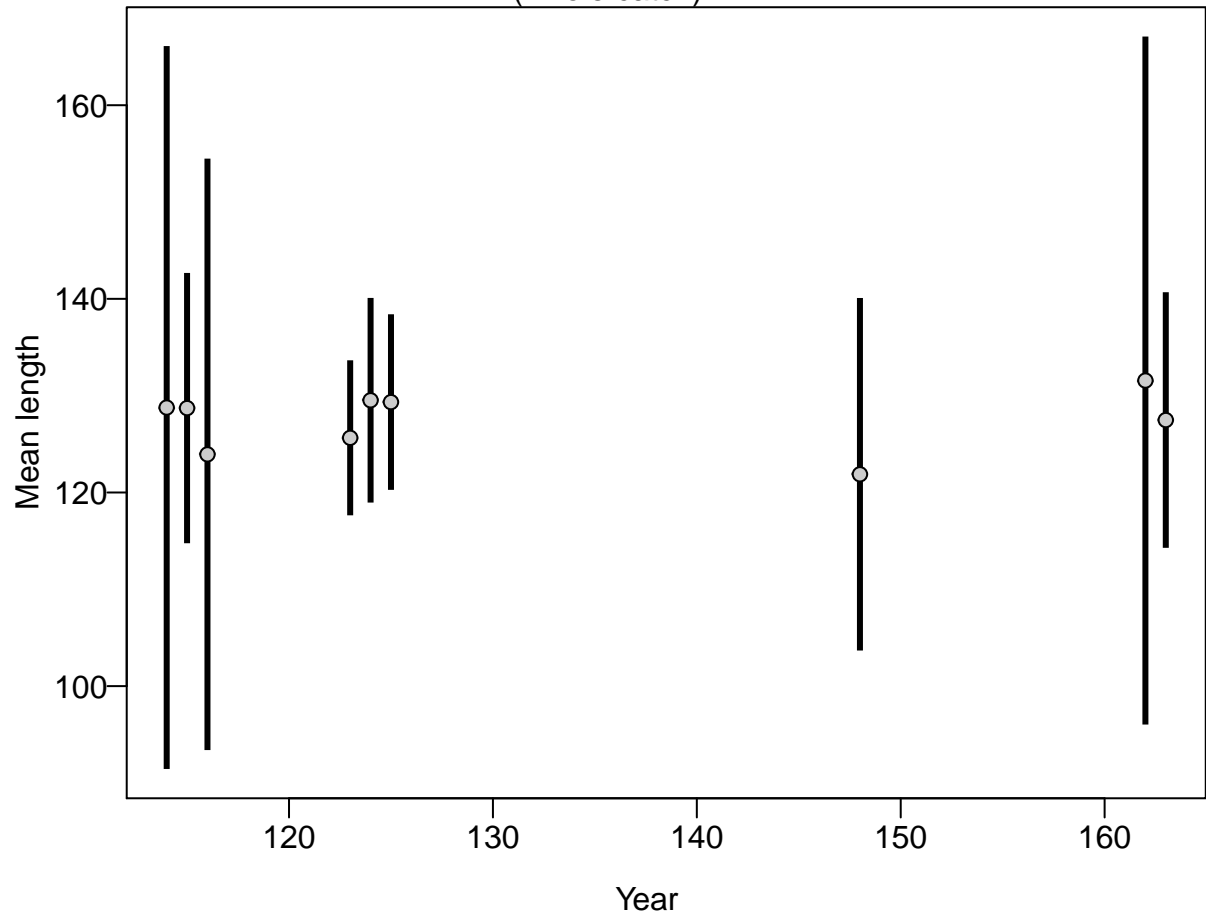
Observed age (yr)



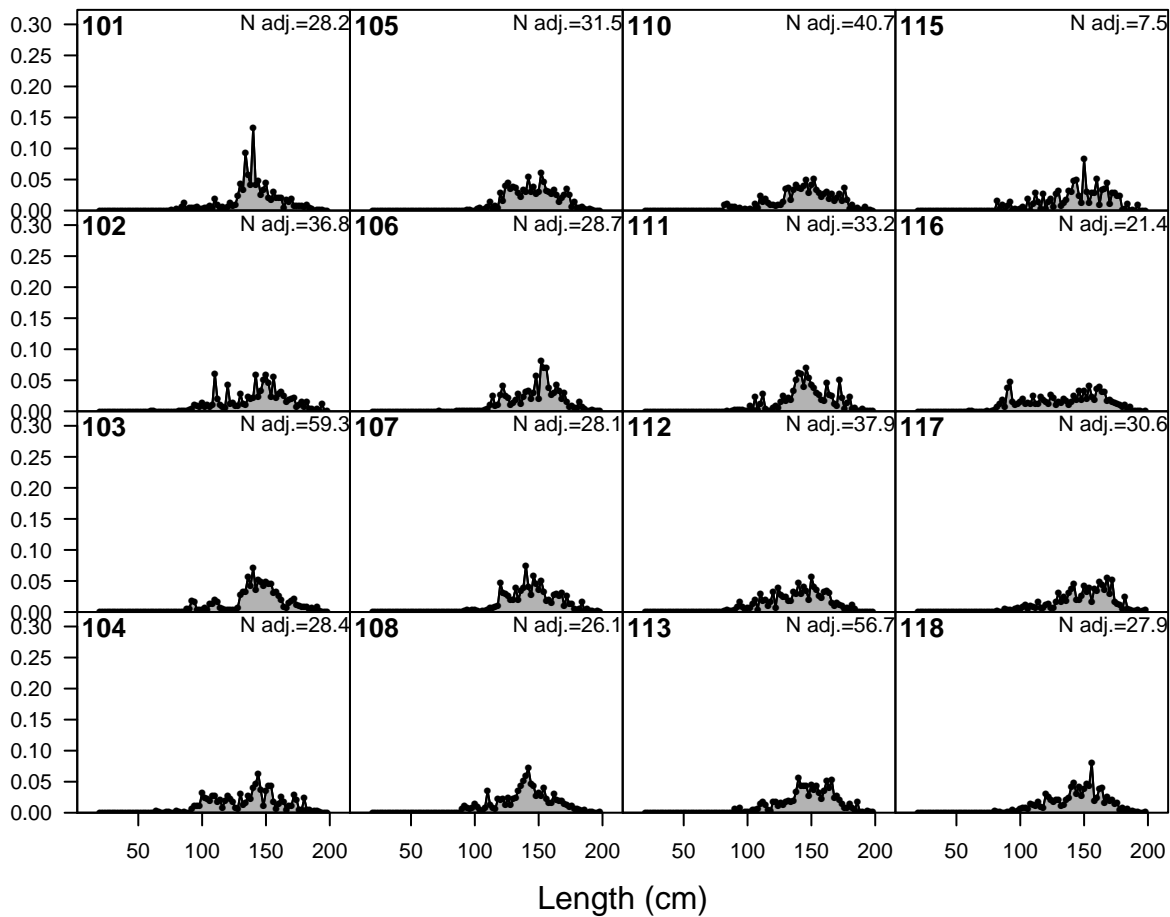




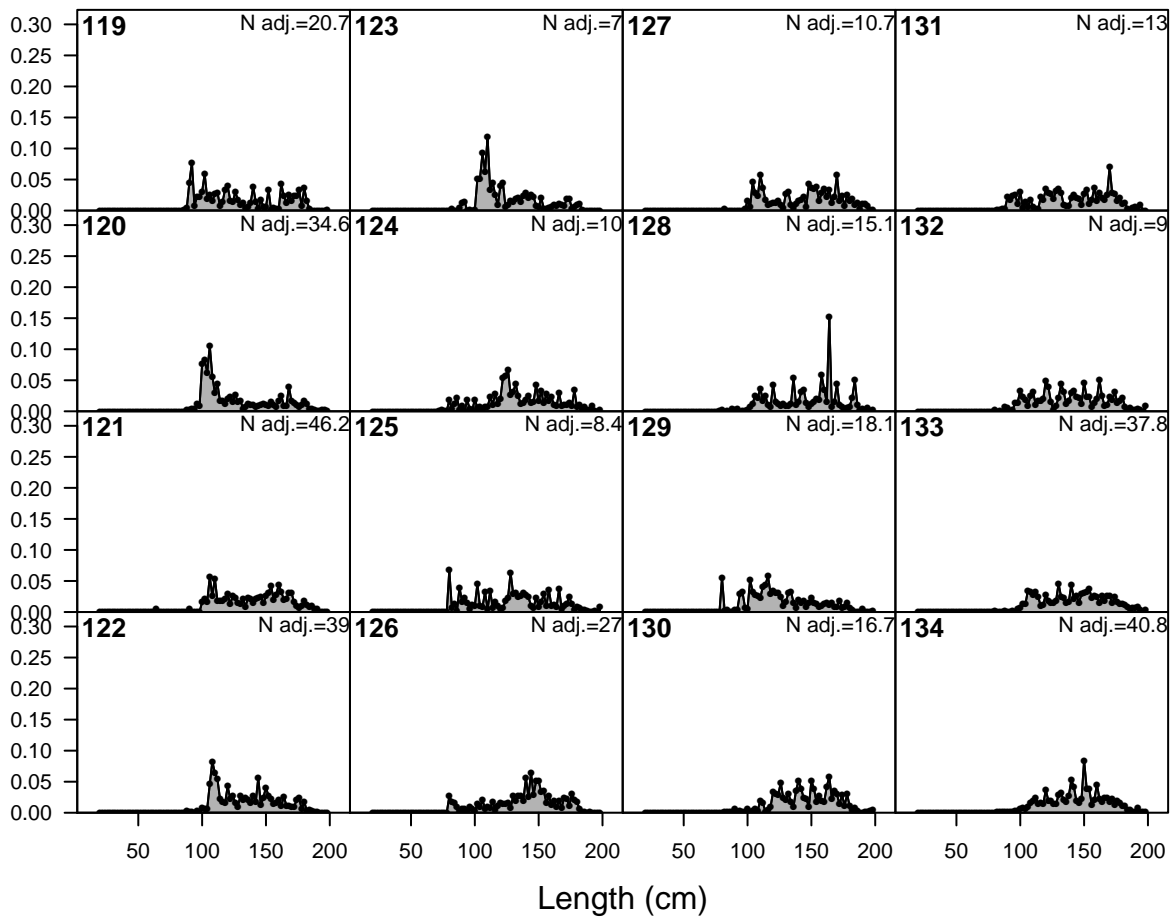
A1-LL-n (whole catch)



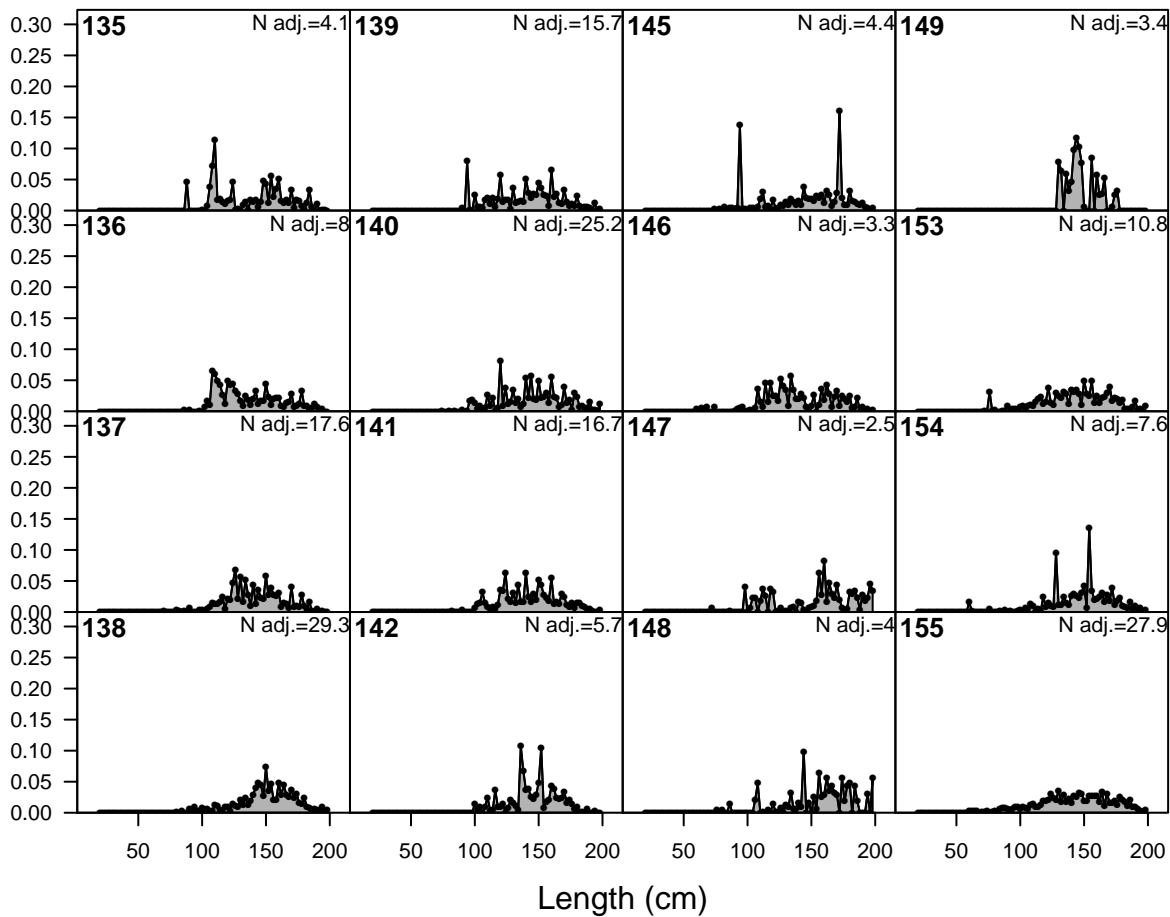
Proportion



Proportion

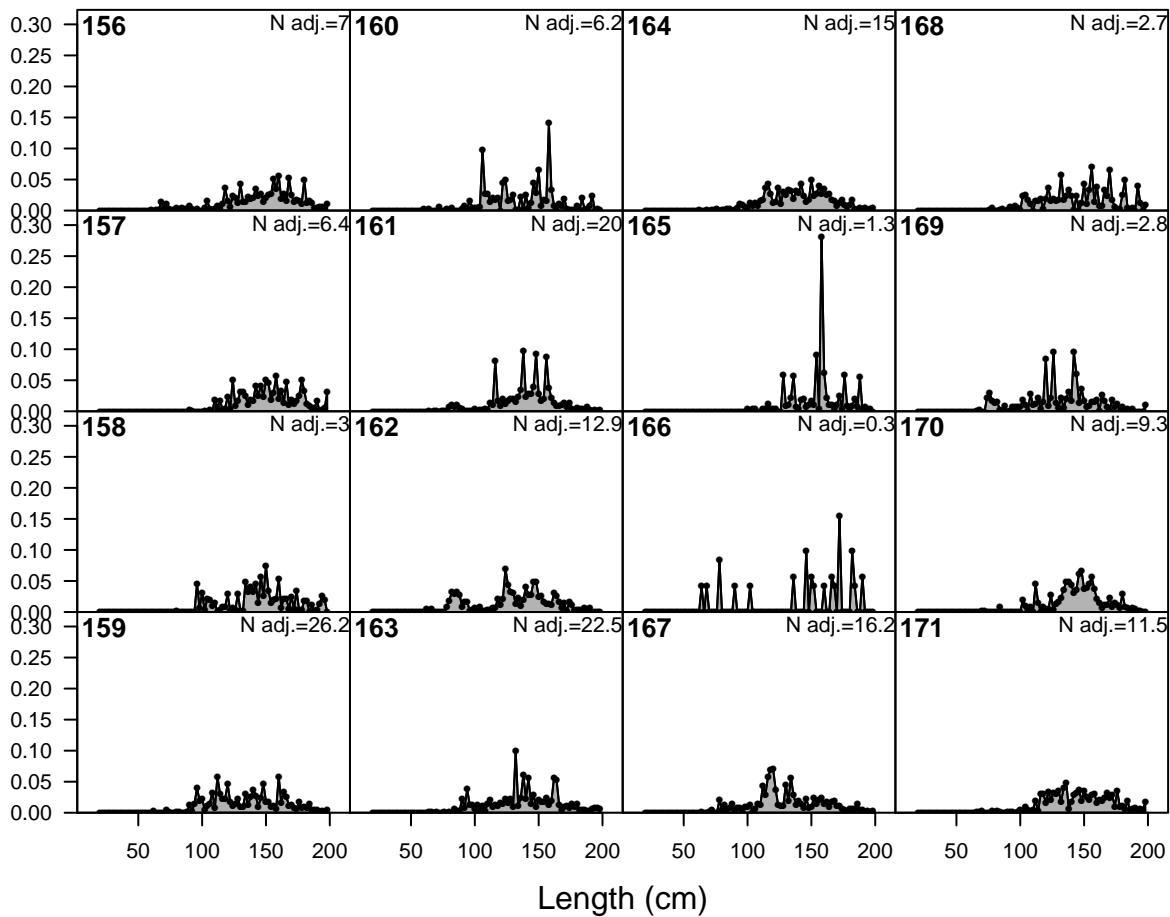


Proportion

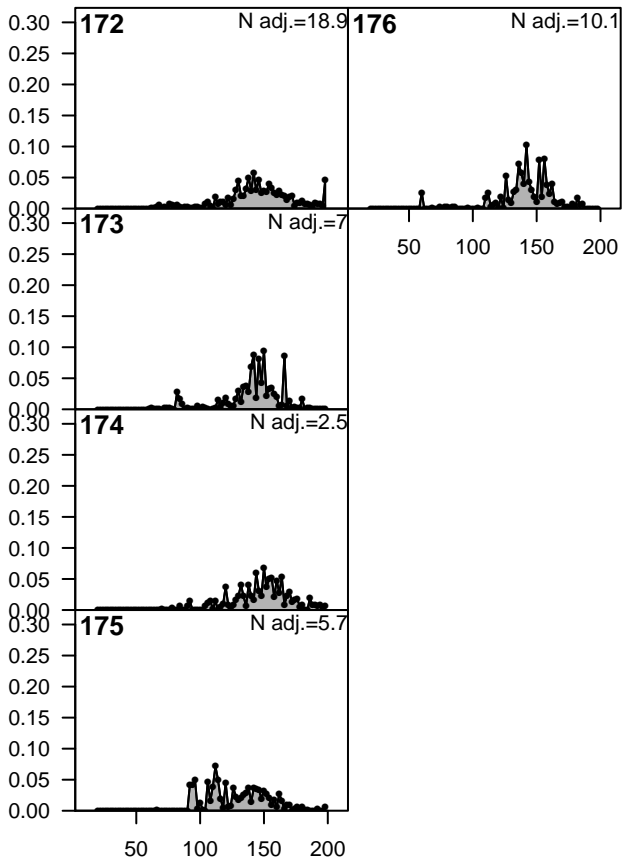




Proportion



Proportion



Length (cm)

Length (cm)

200

150

100

50

◦ 0.01 ○ 0.2

101

108

115

122

129

136

145

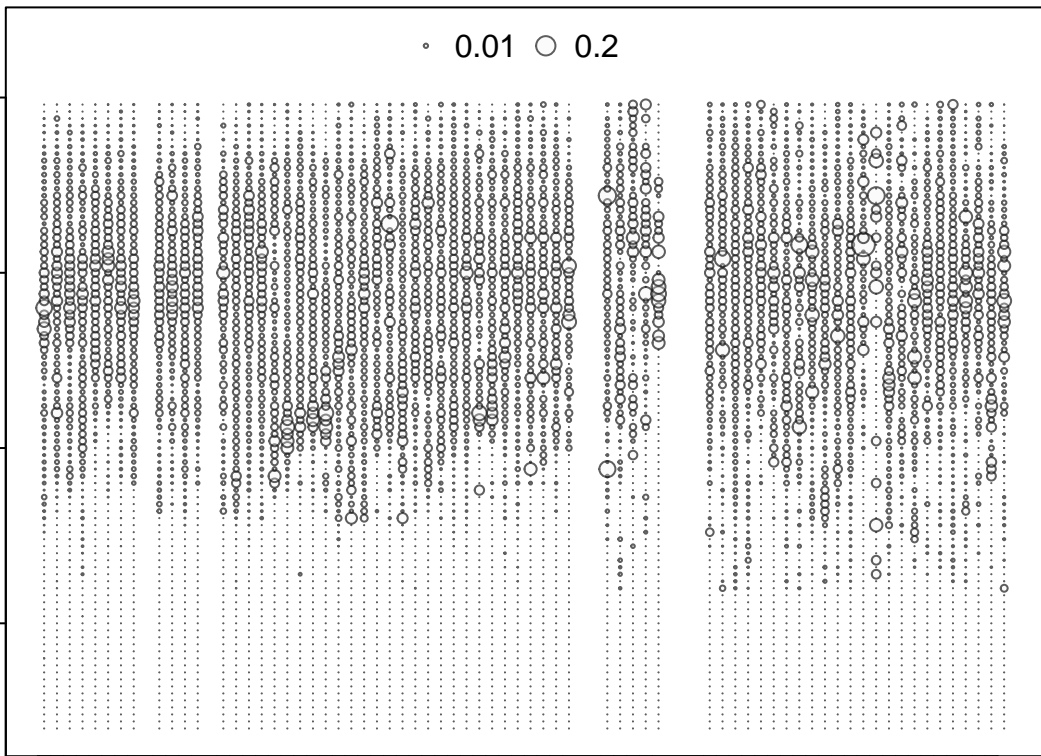
153

160

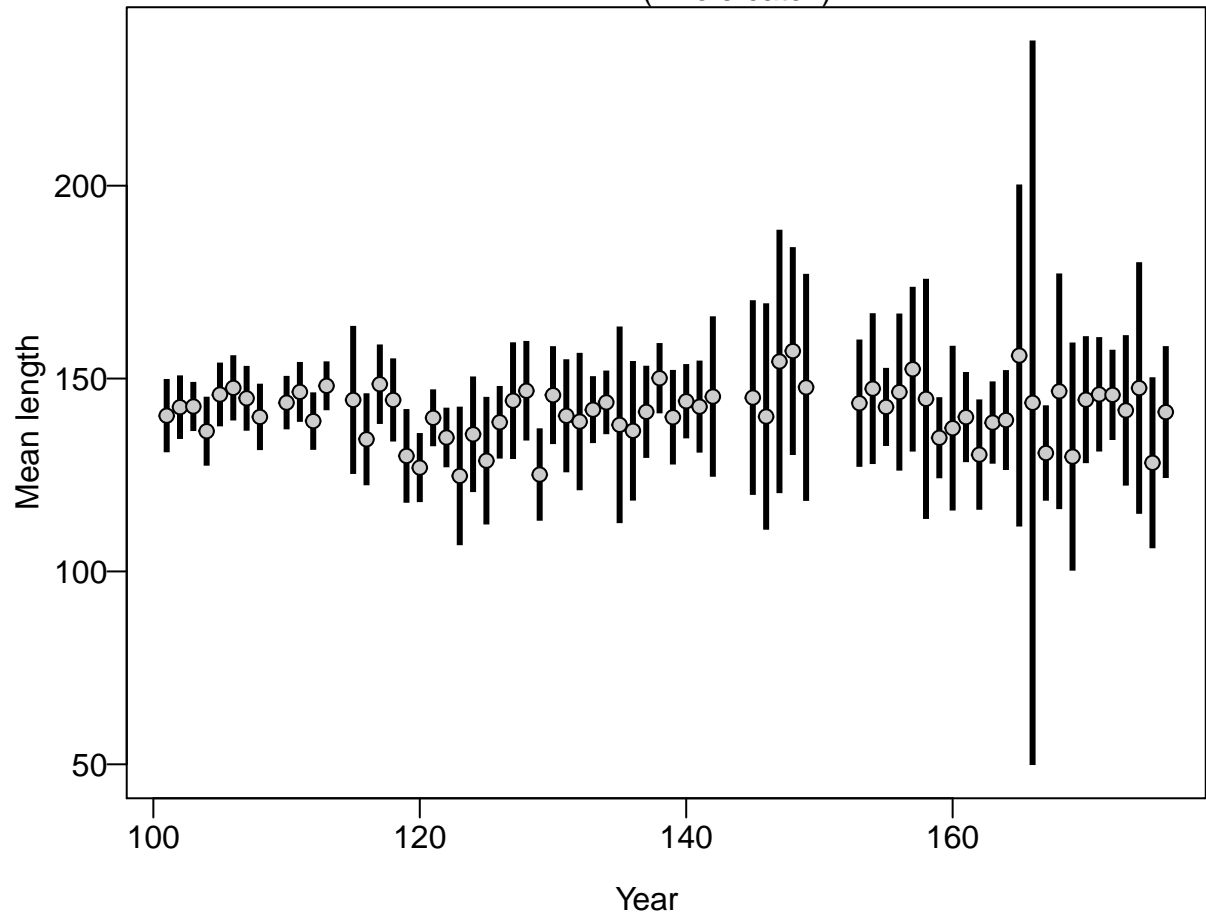
167

174

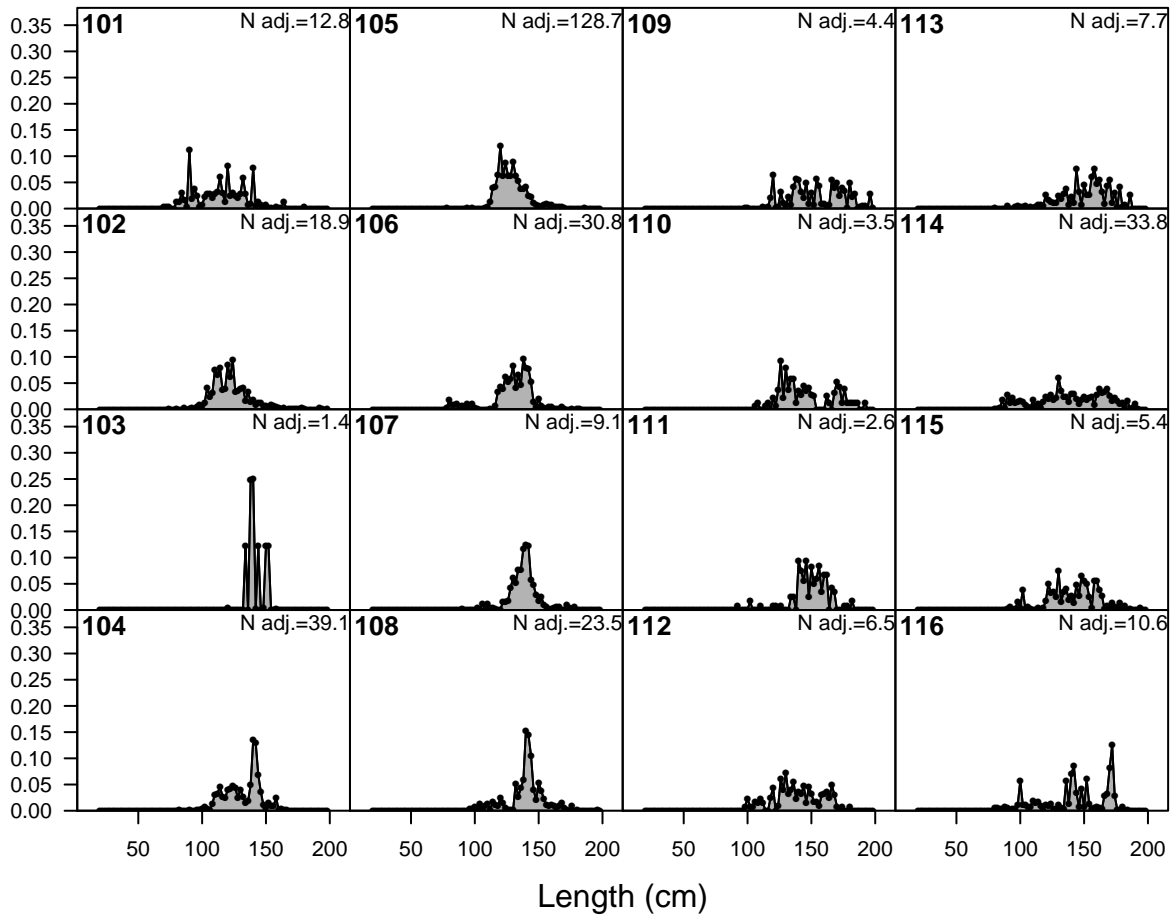
Year



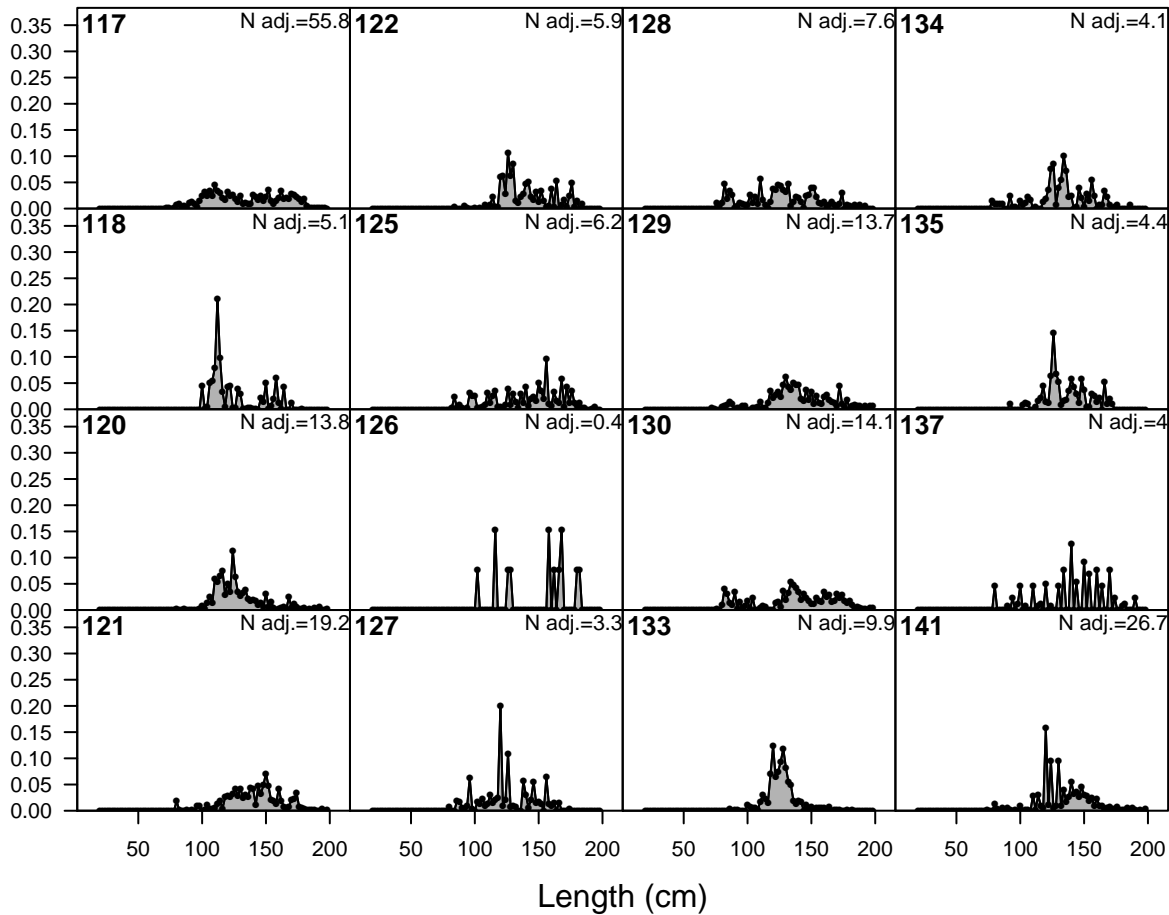
A2-LL-n (whole catch)



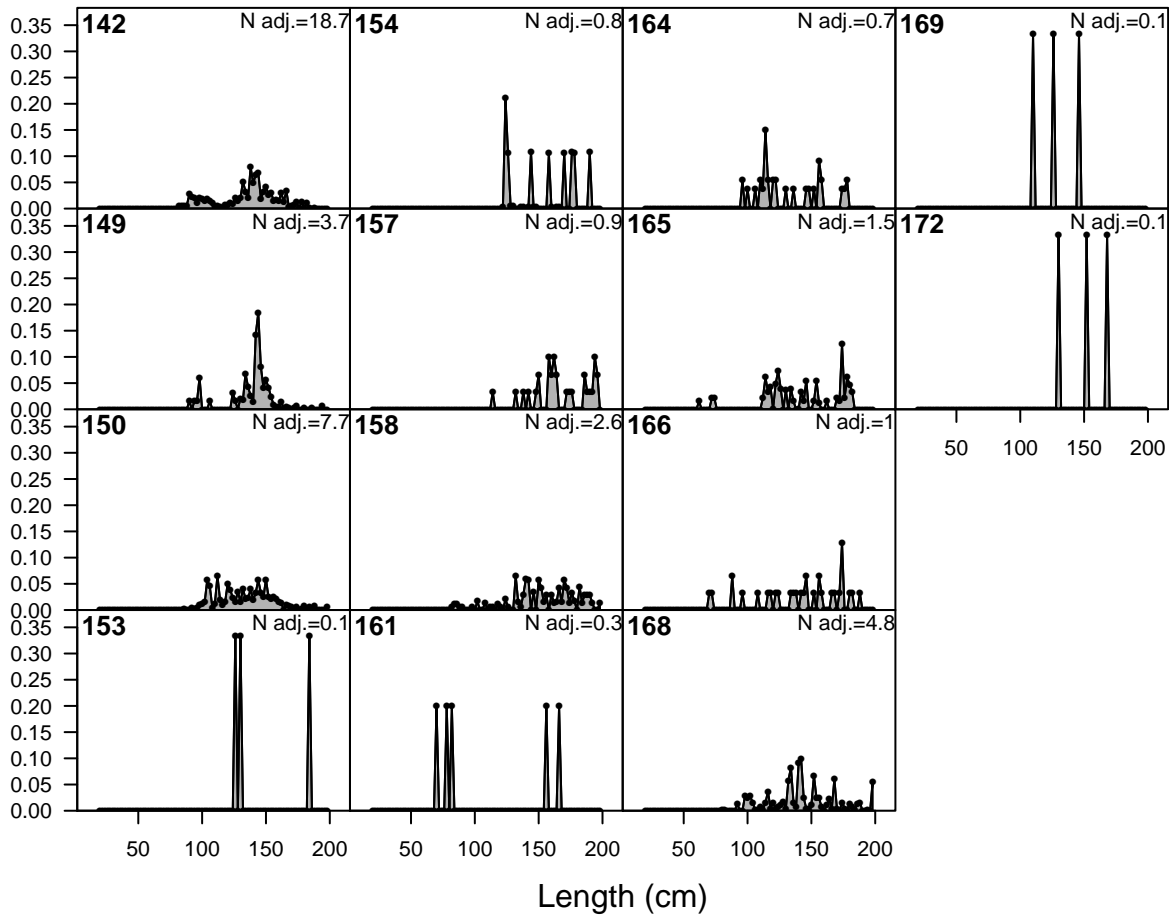
Proportion

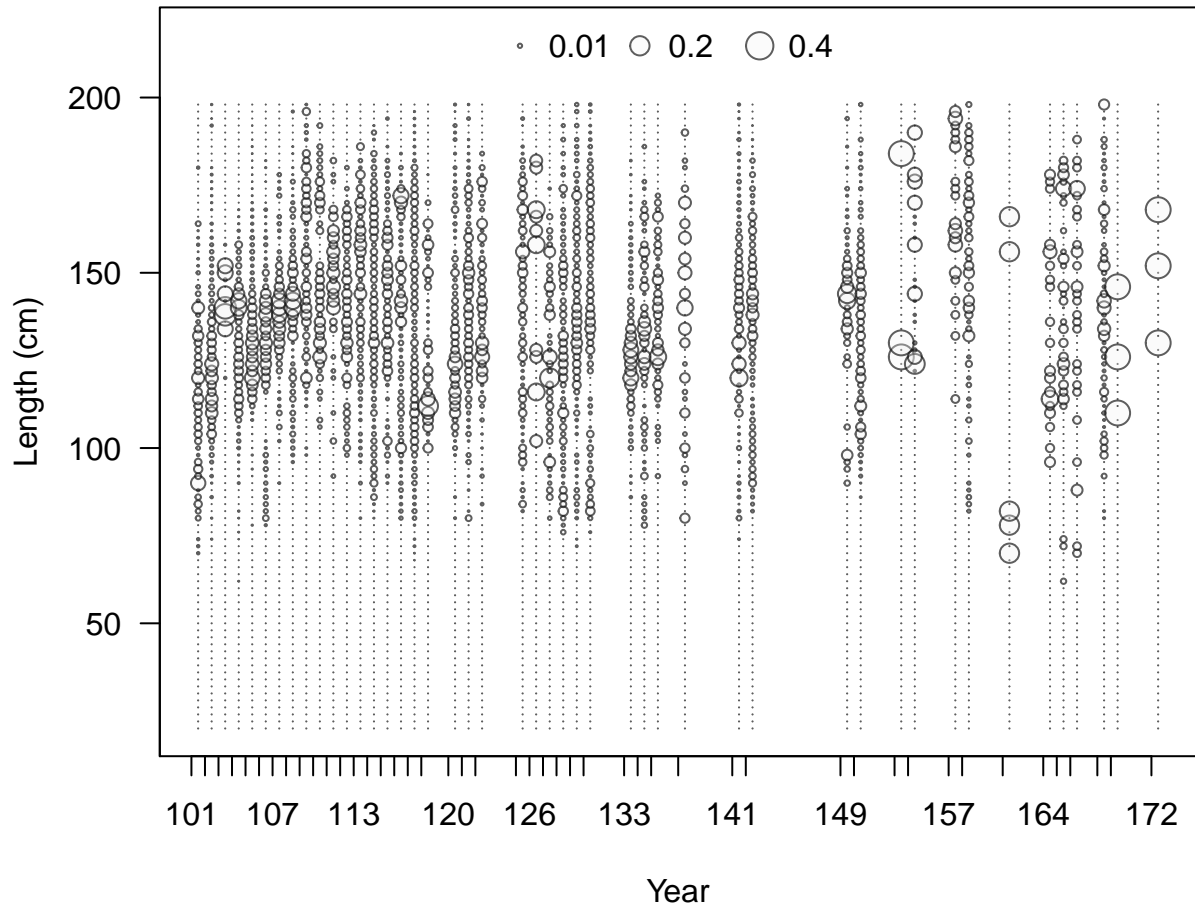


Proportion



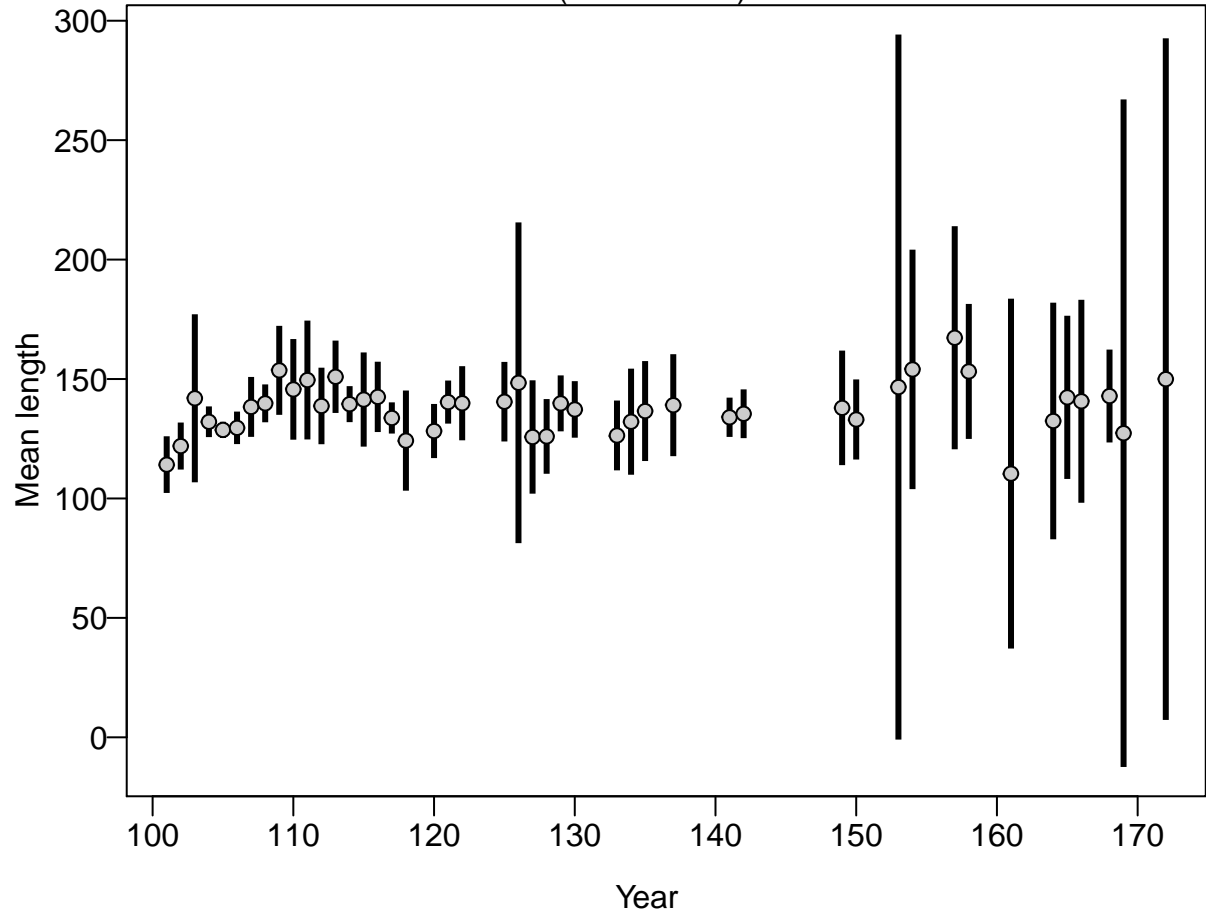
Proportion



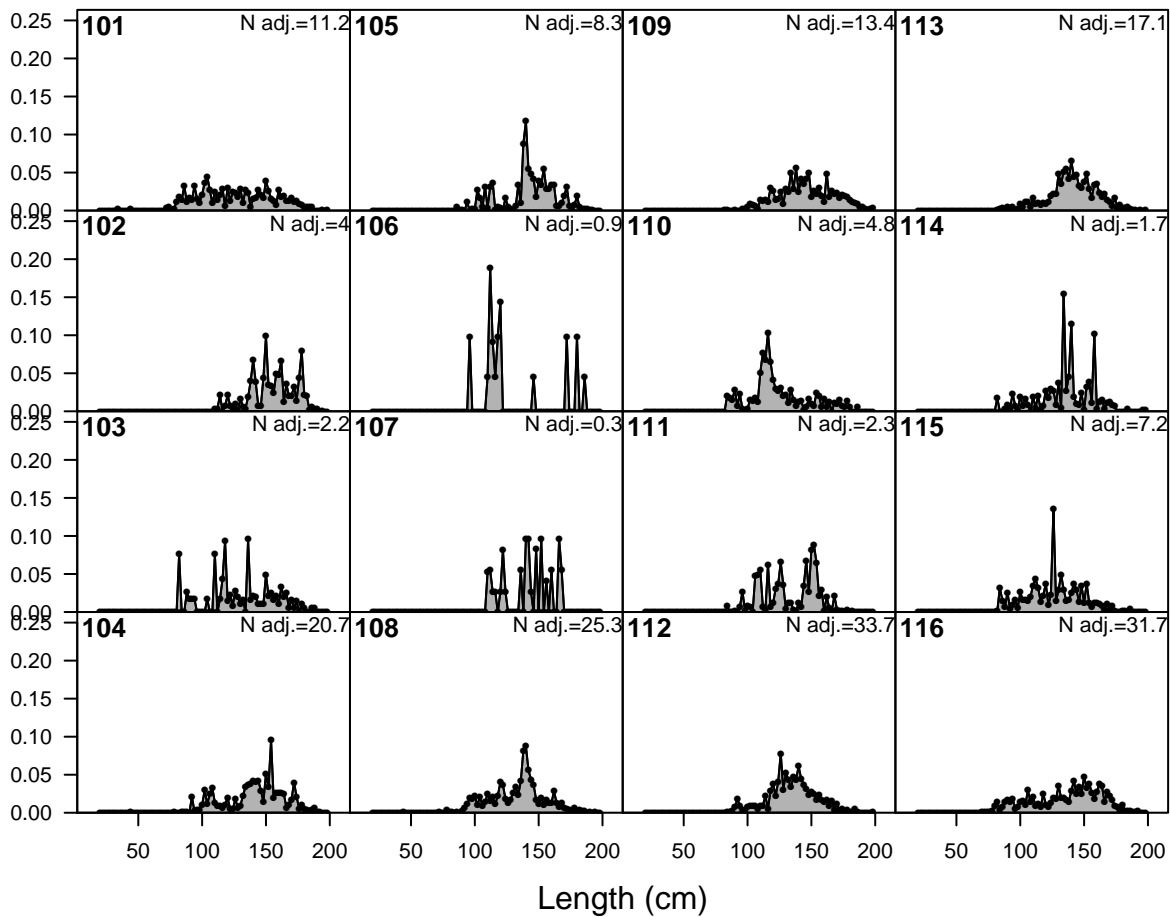




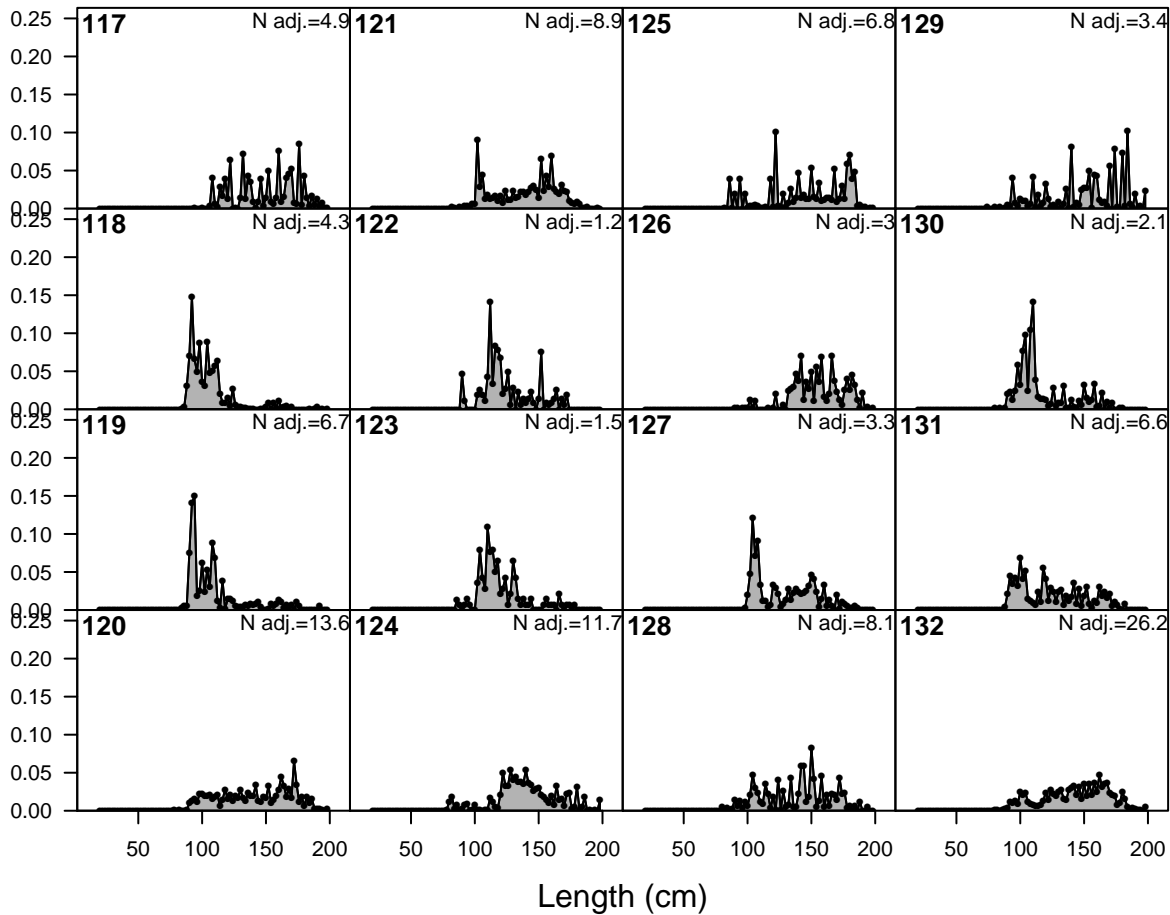
A3-LL-n (whole catch)



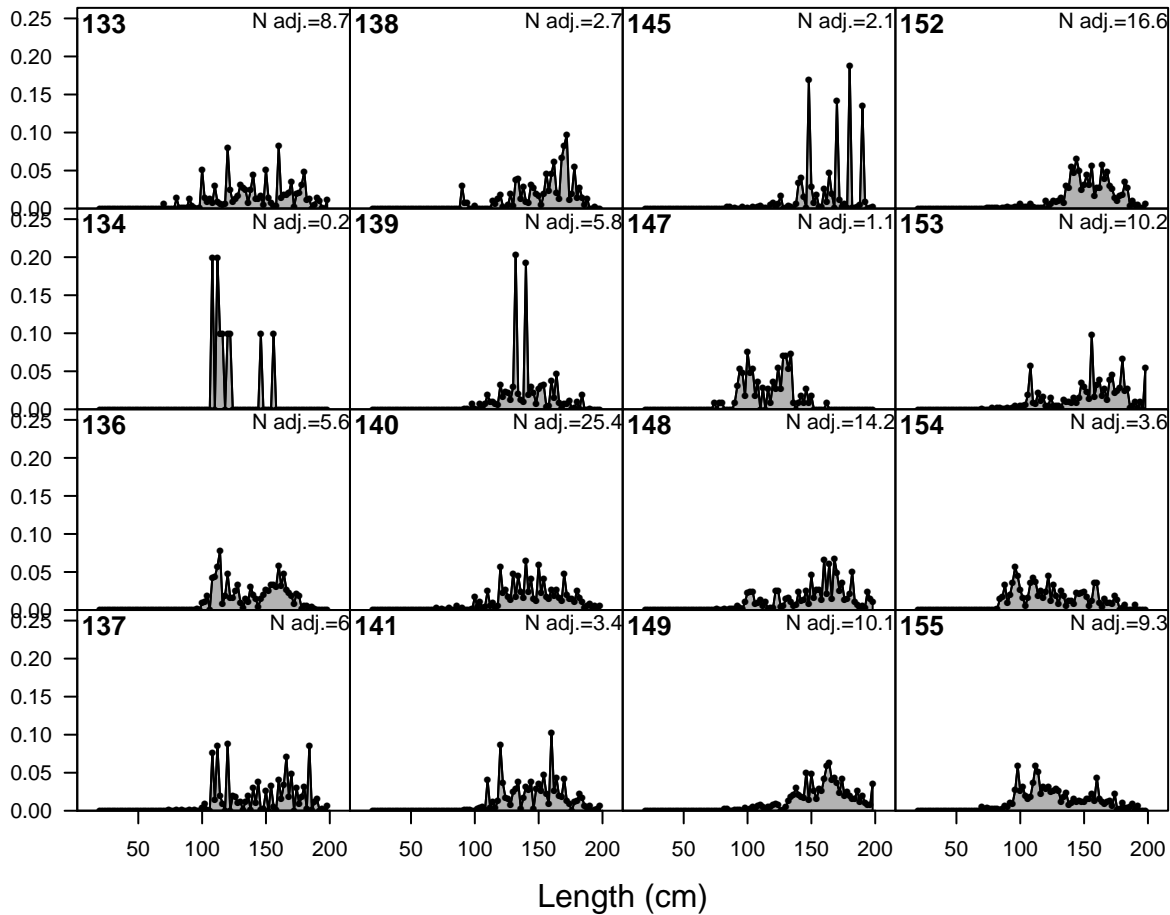
Proportion



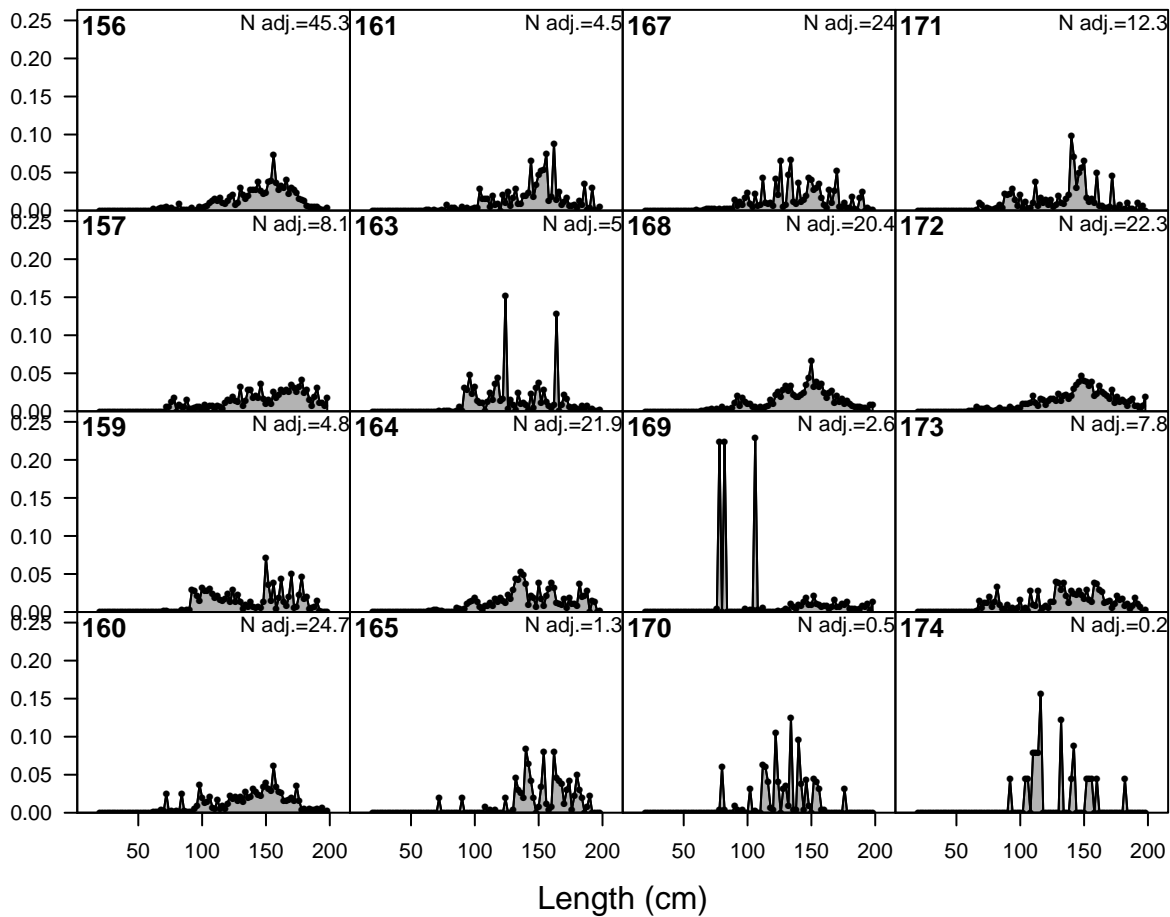
Proportion

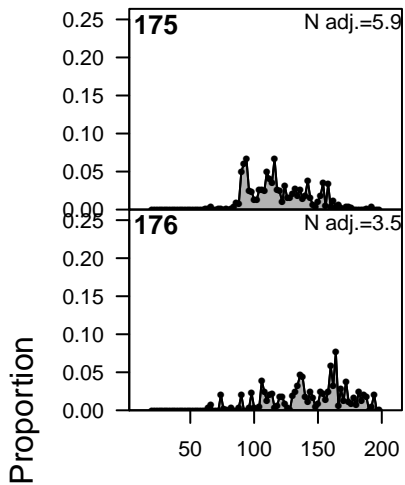


Proportion

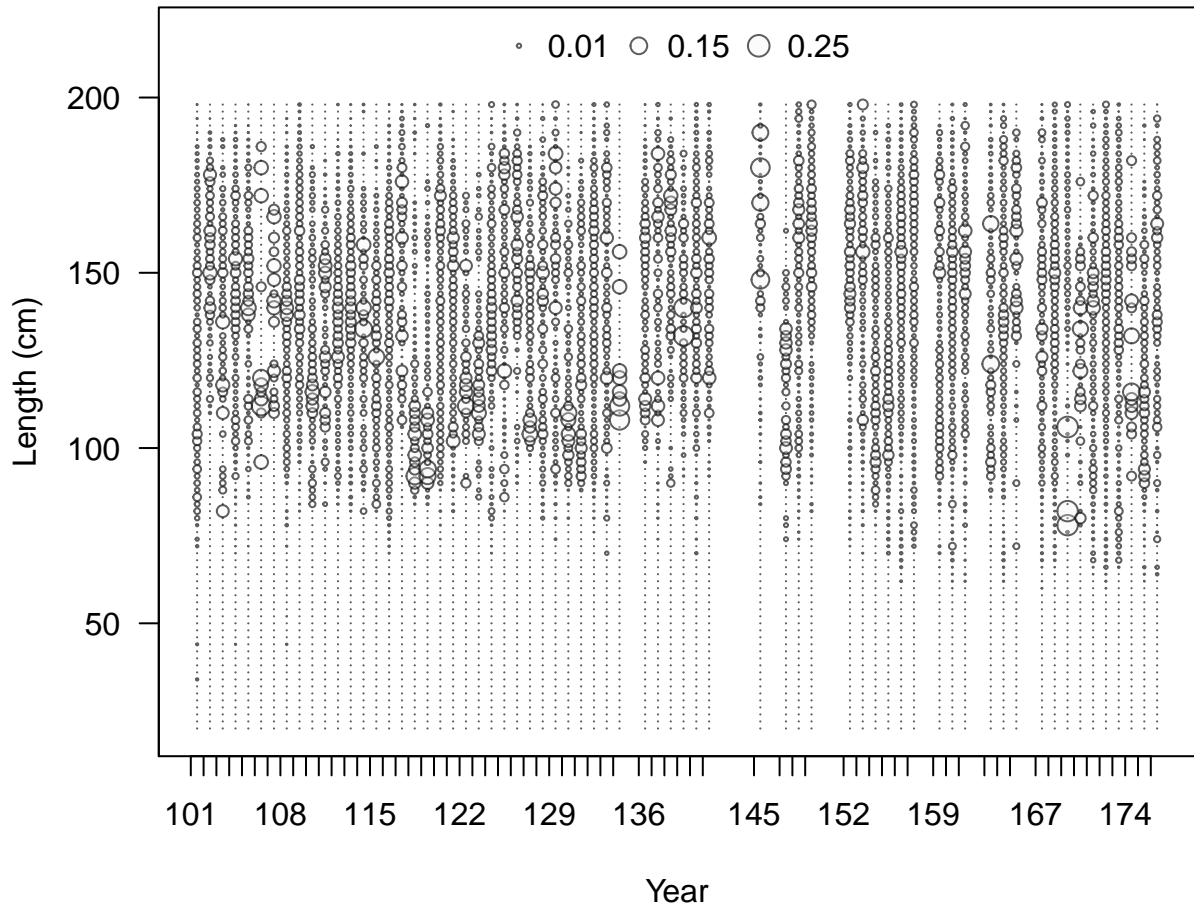


Proportion

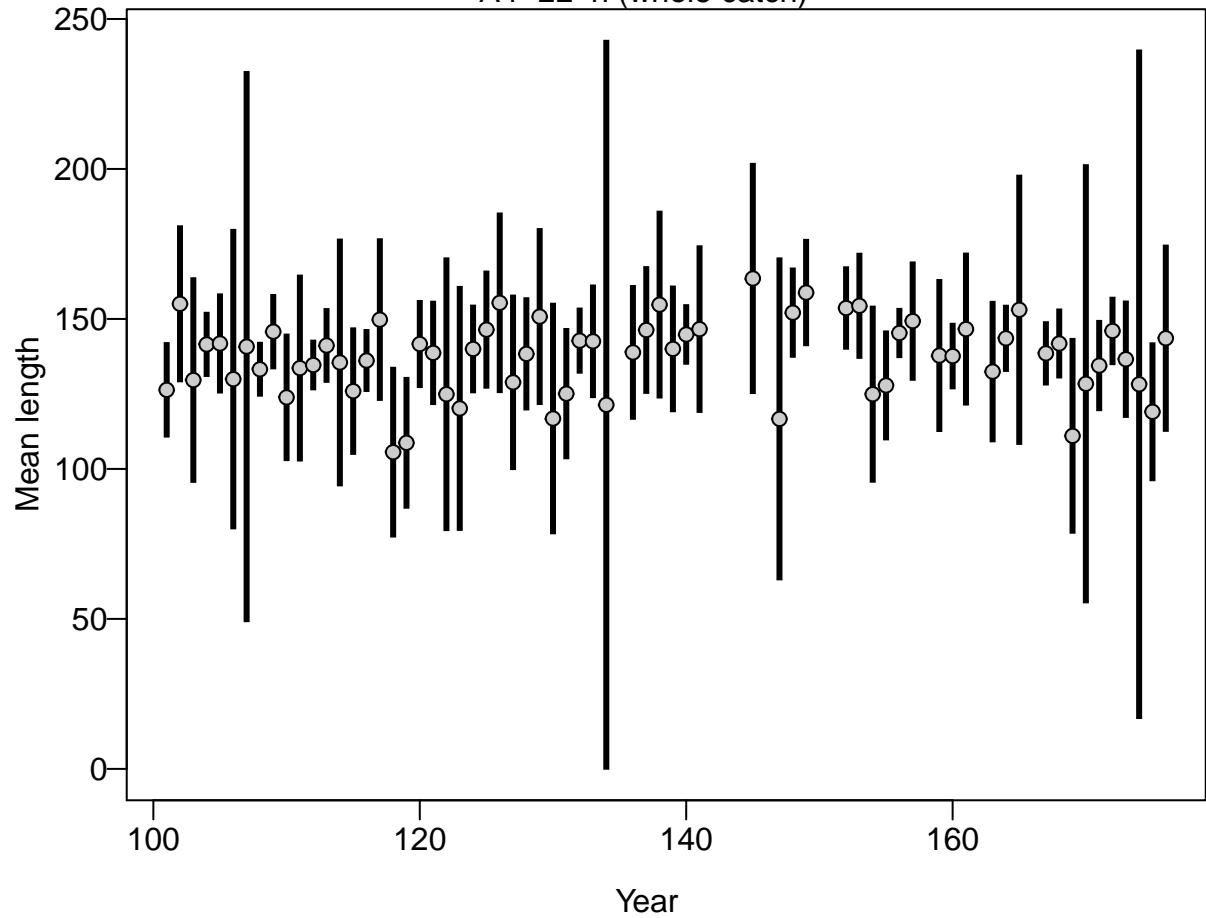




Length (cm)

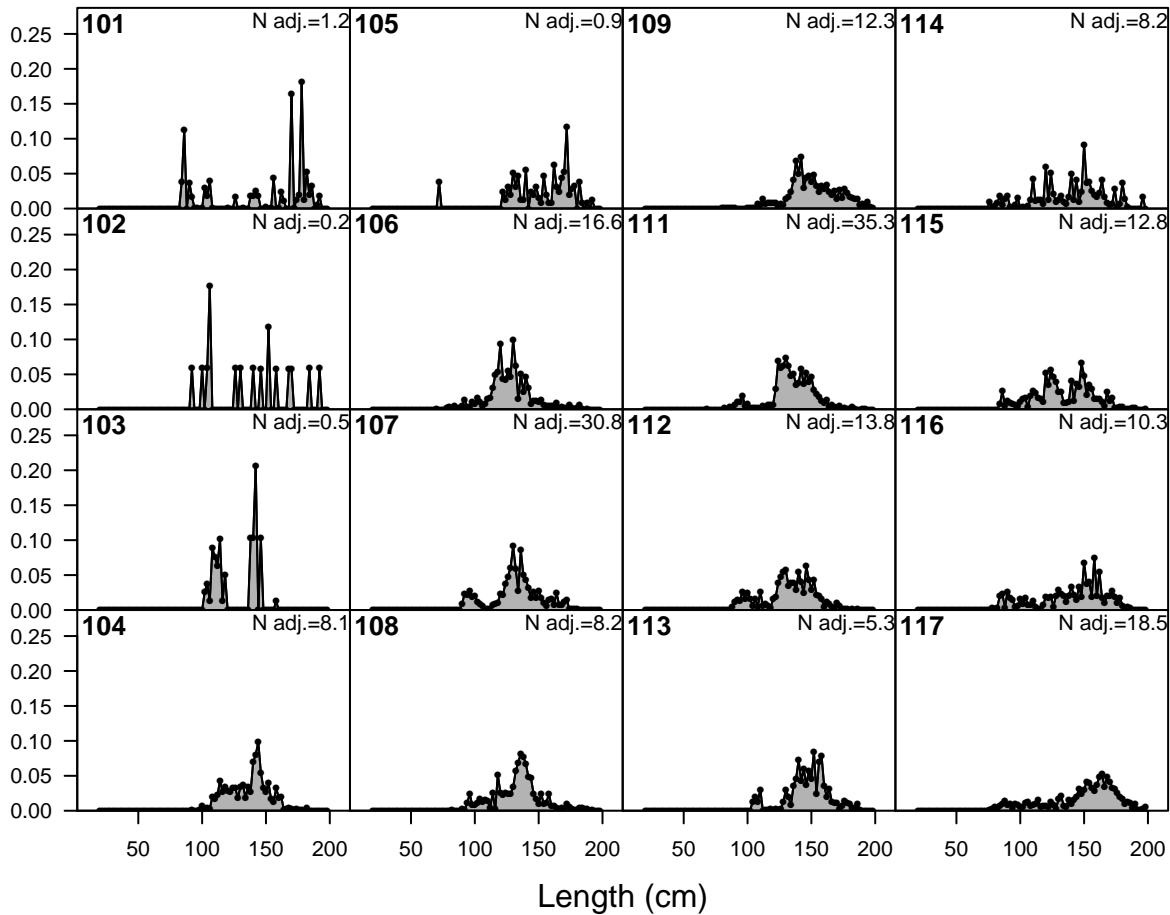


A4-LL-n (whole catch)

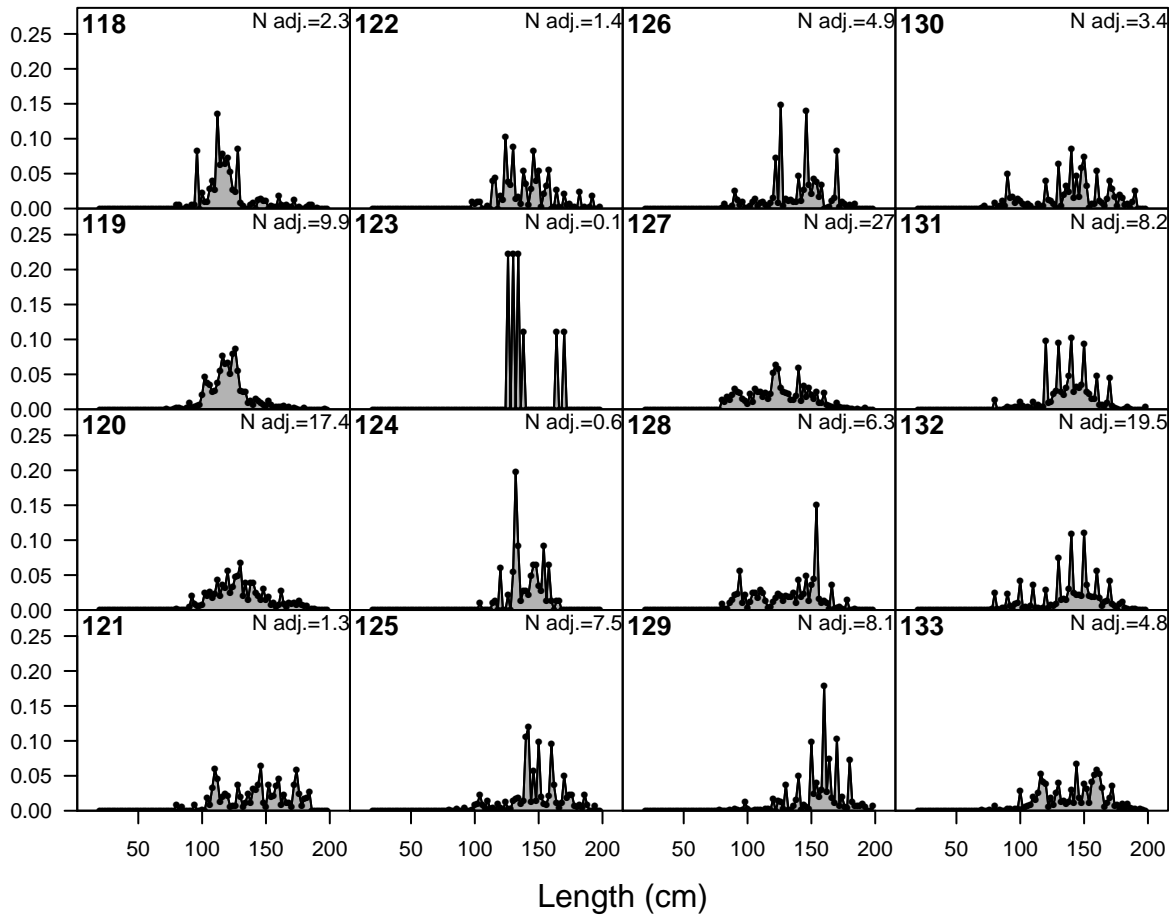




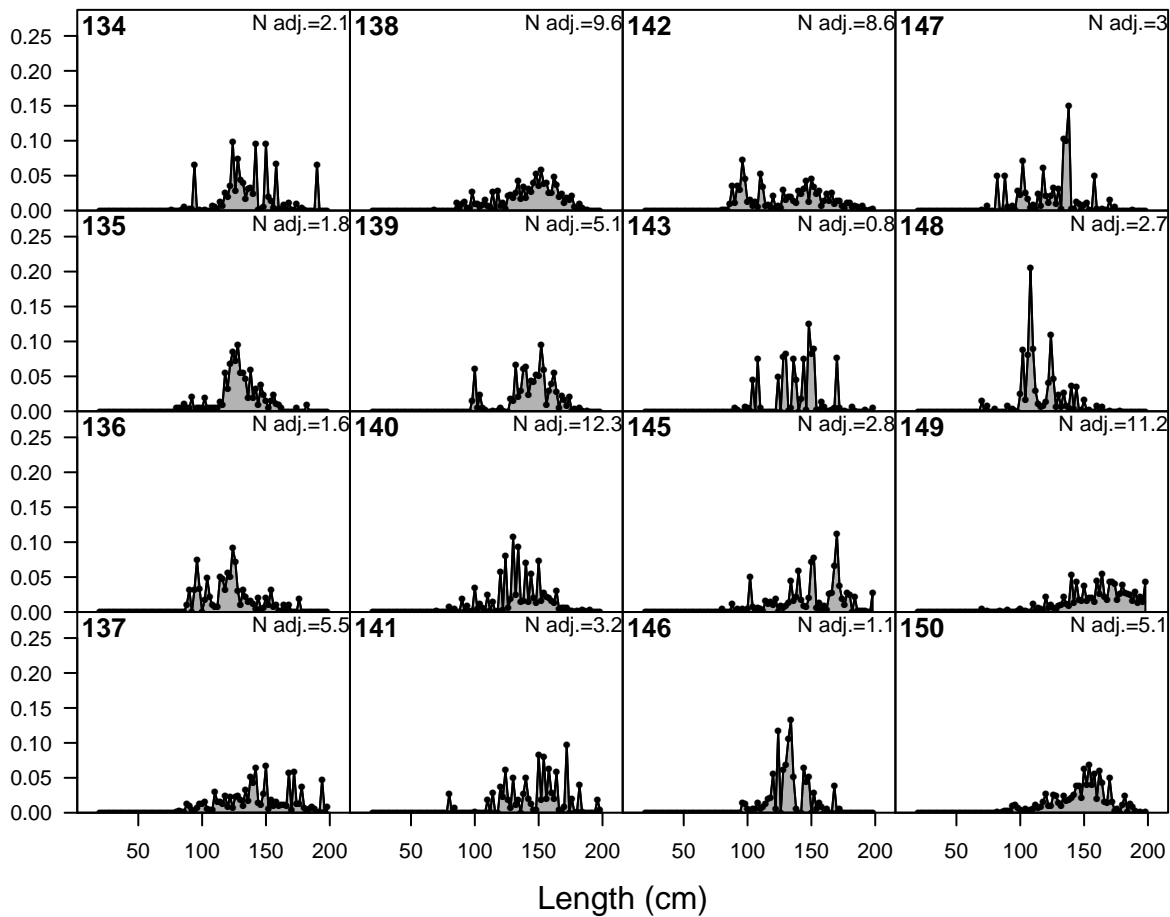
Proportion



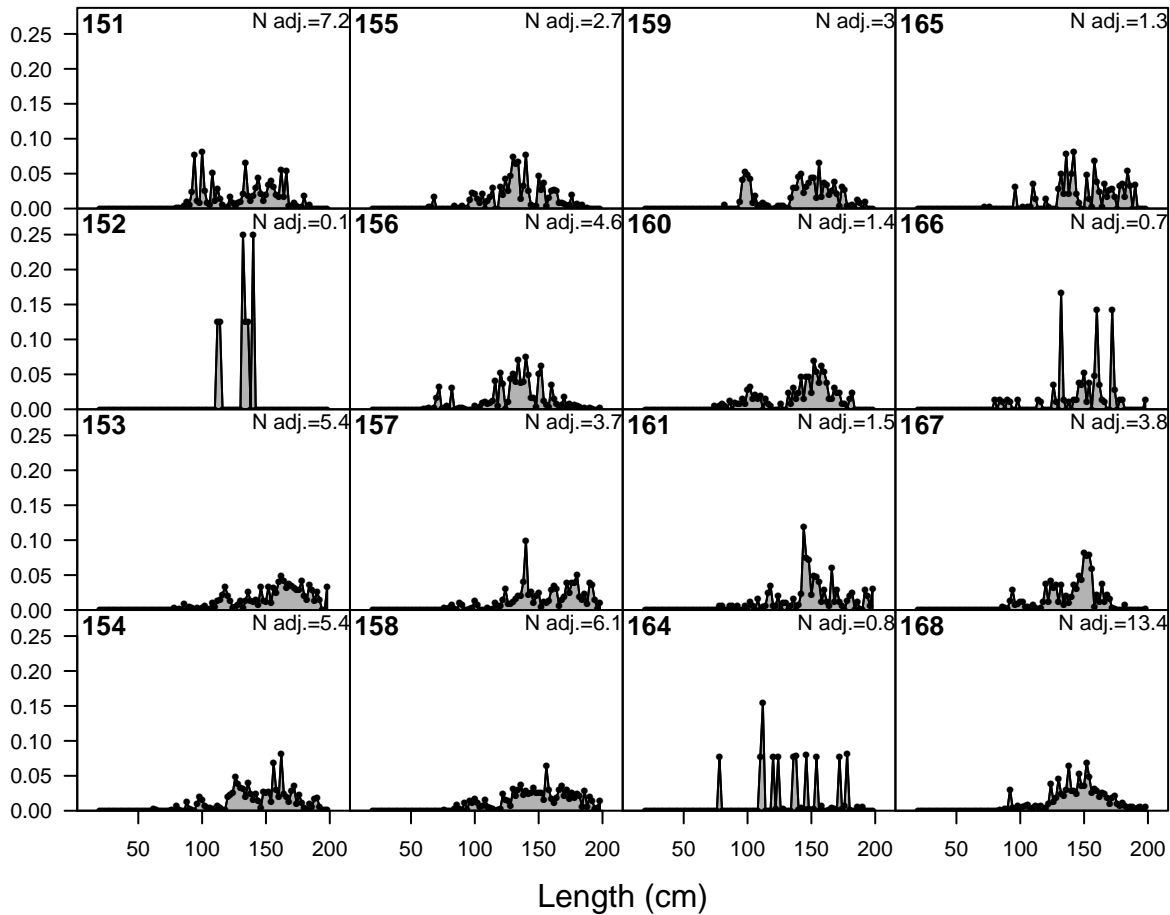
Proportion



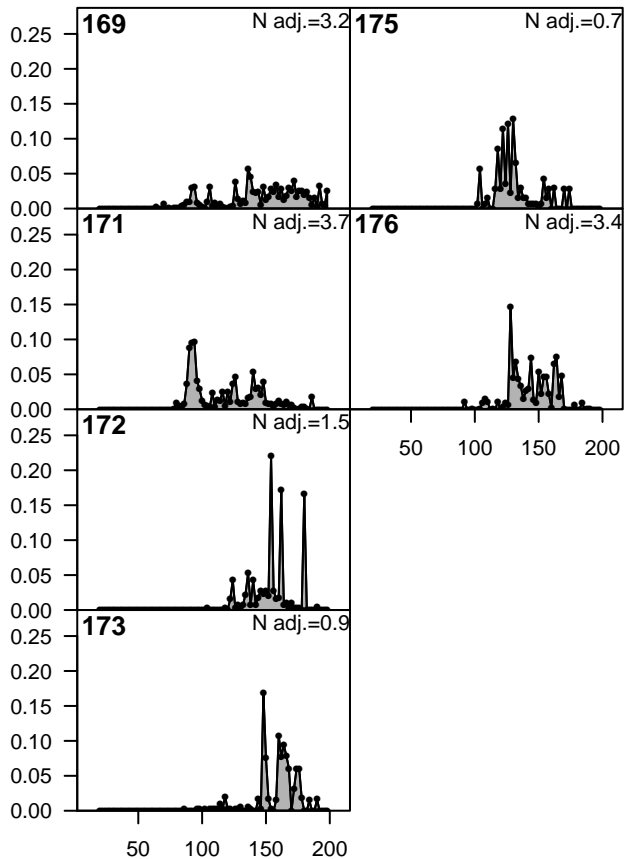
Proportion



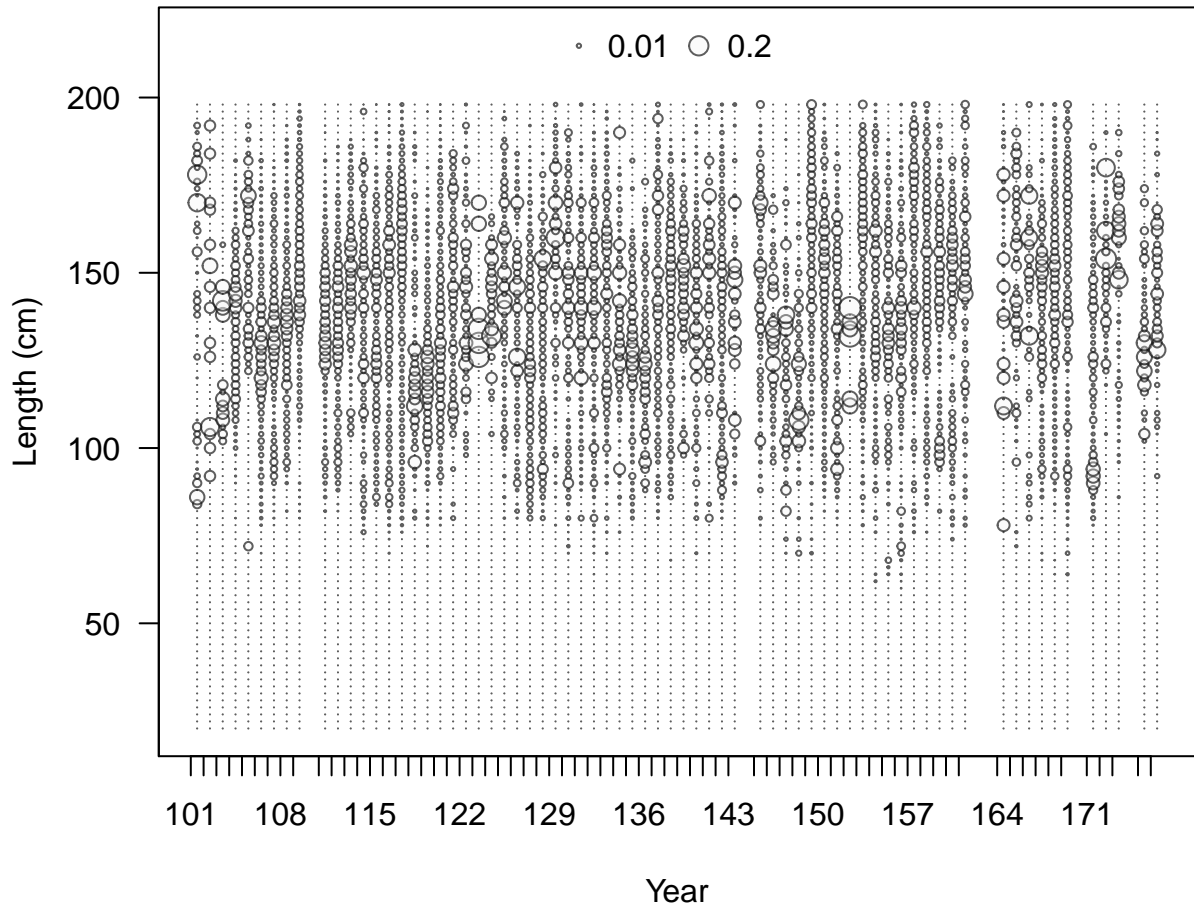
Proportion



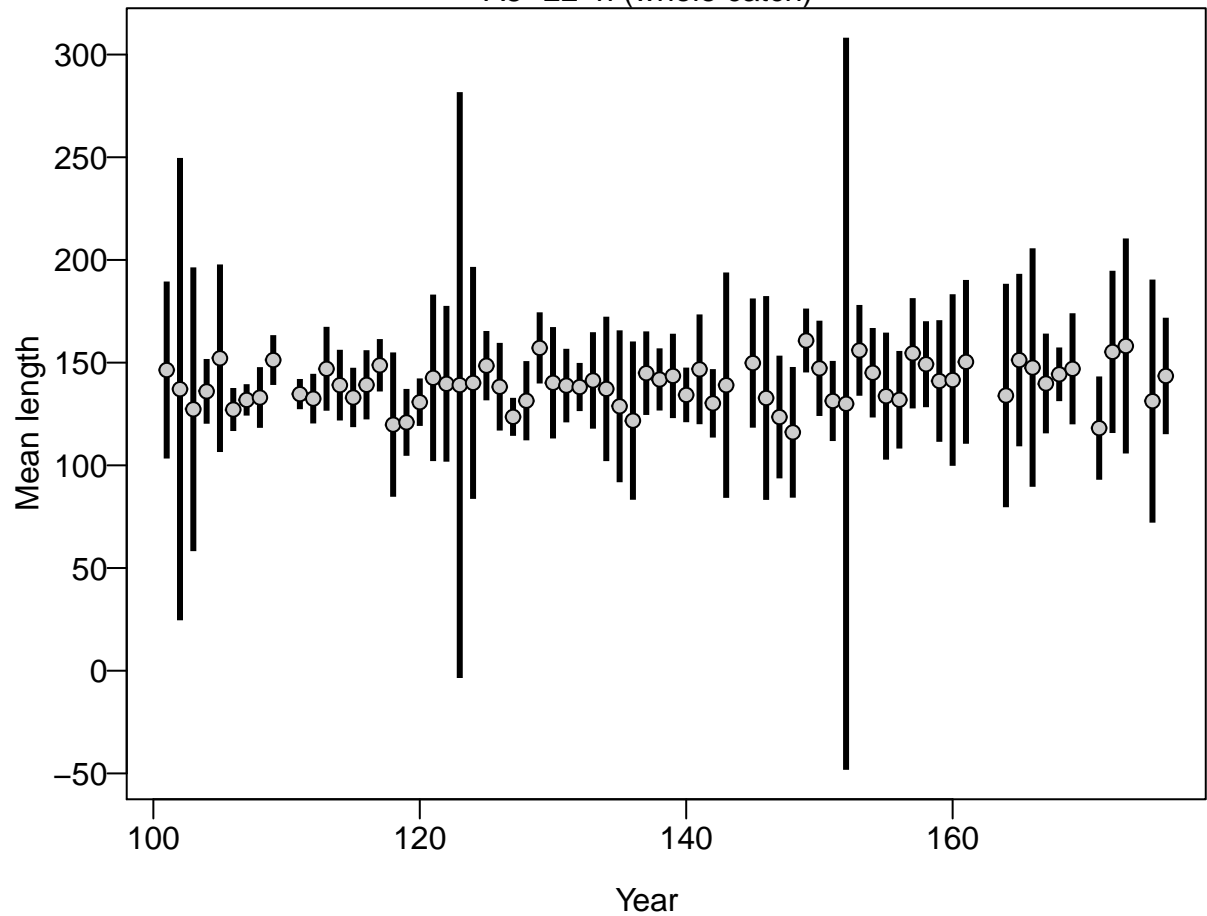
Proportion

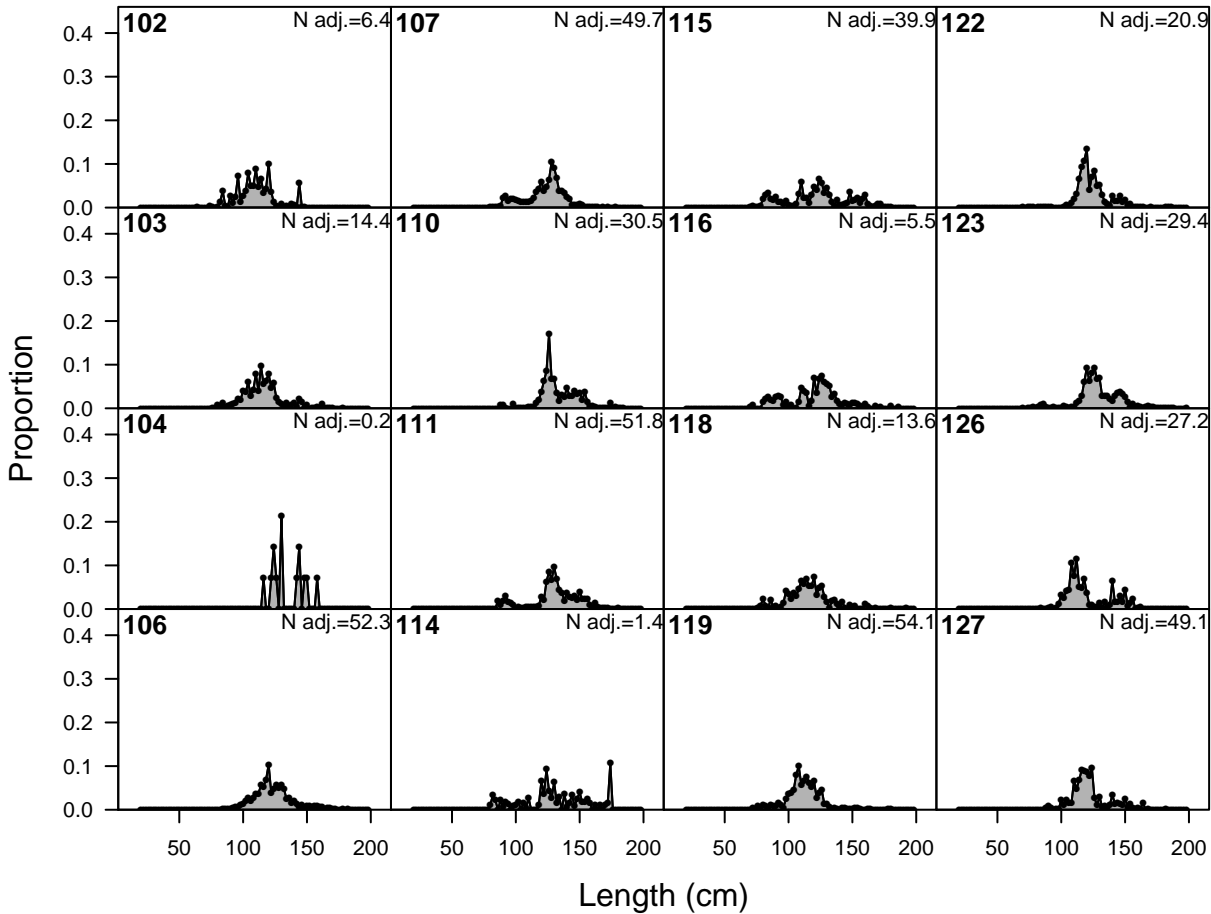


Length (cm)

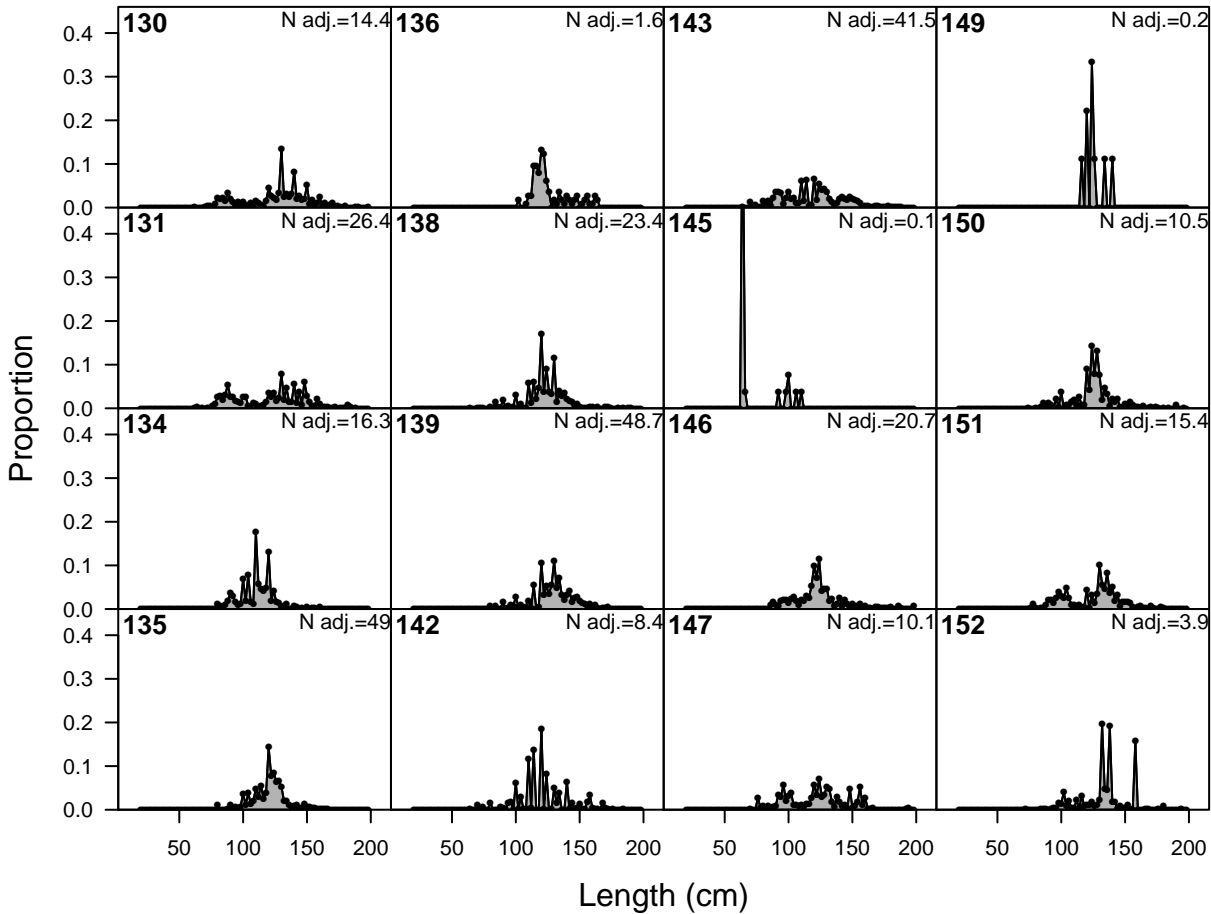


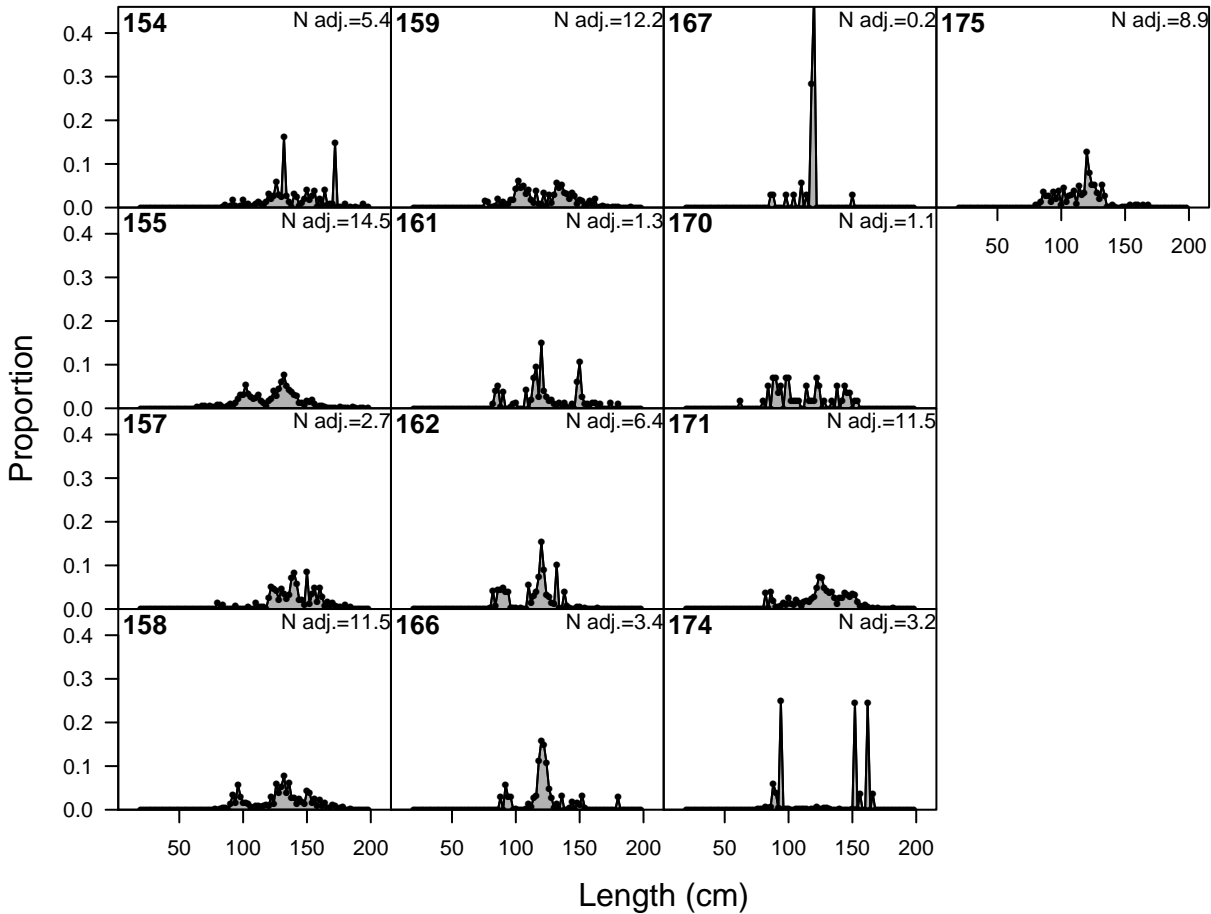
A5-LL-n (whole catch)











Length (cm)

200

150

100

50

◦ 0.01 ○ 0.5 ○ 1

102

110

118

126

134

142

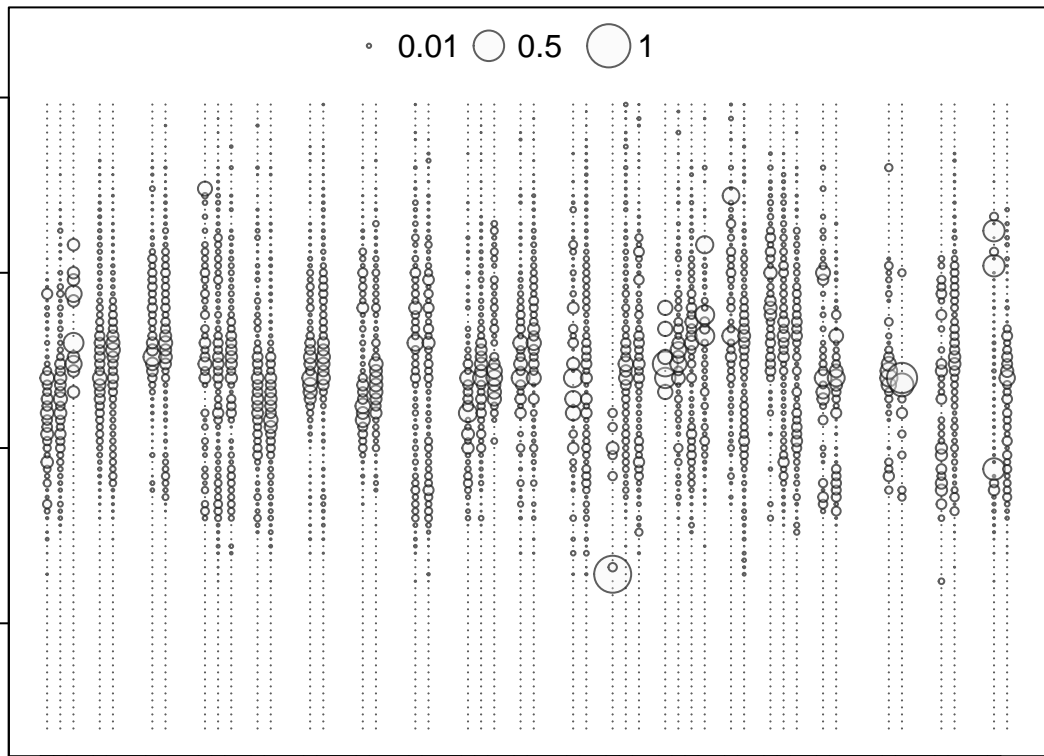
149

157

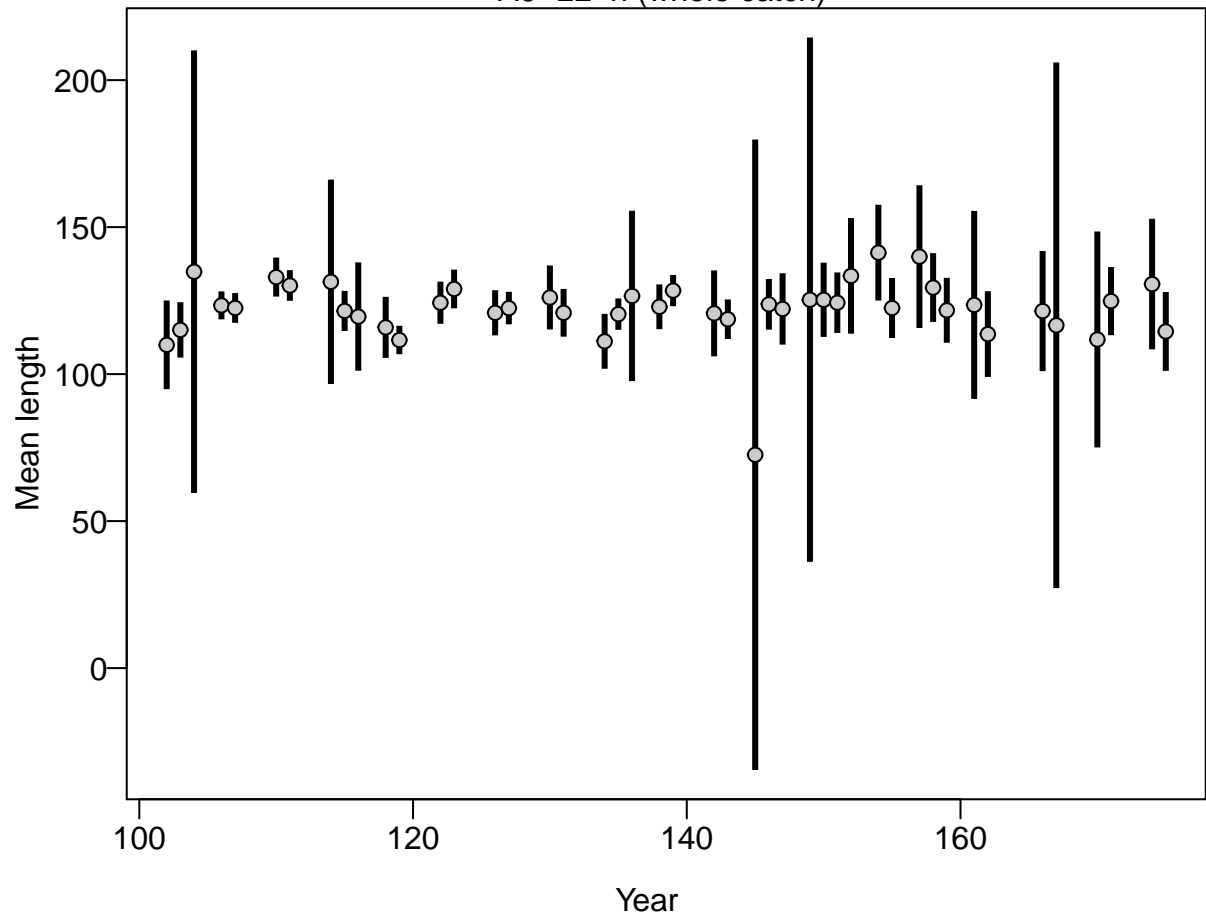
166

174

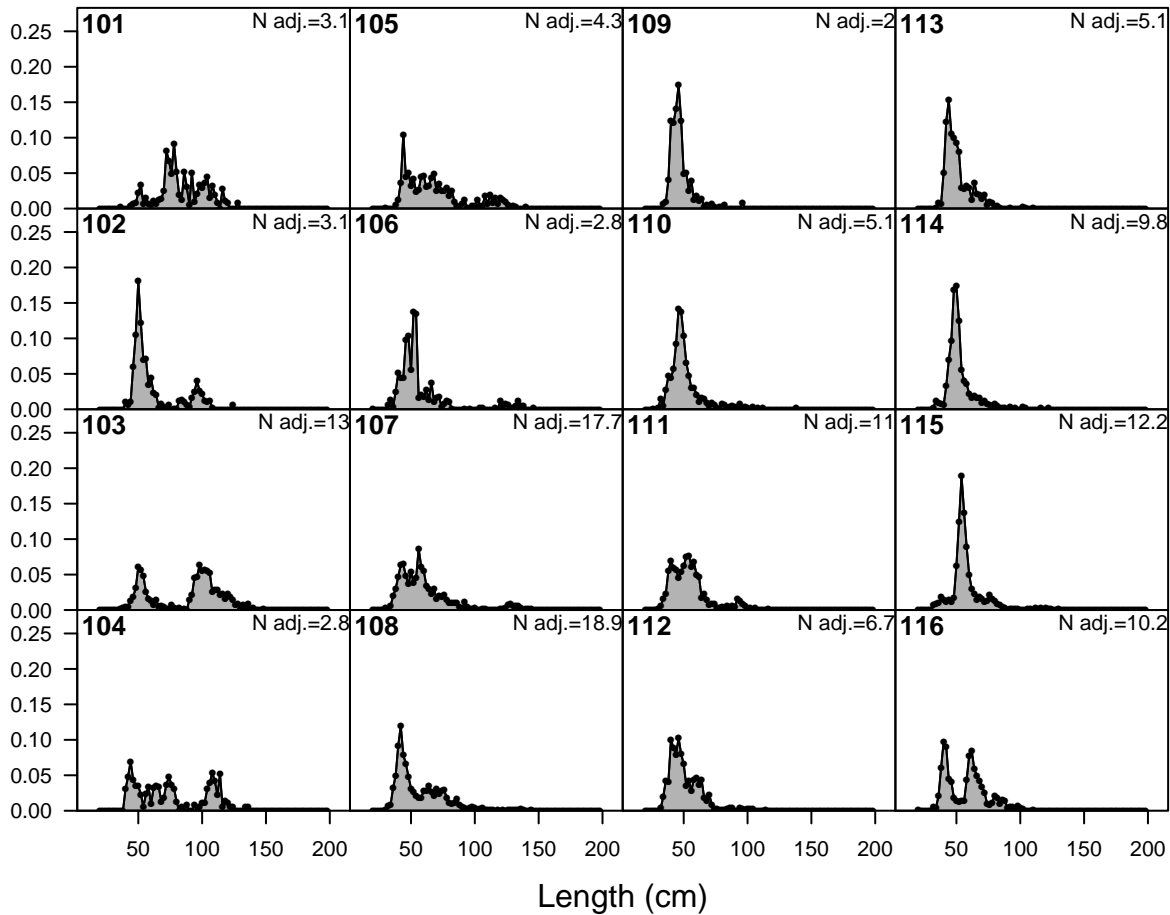
Year



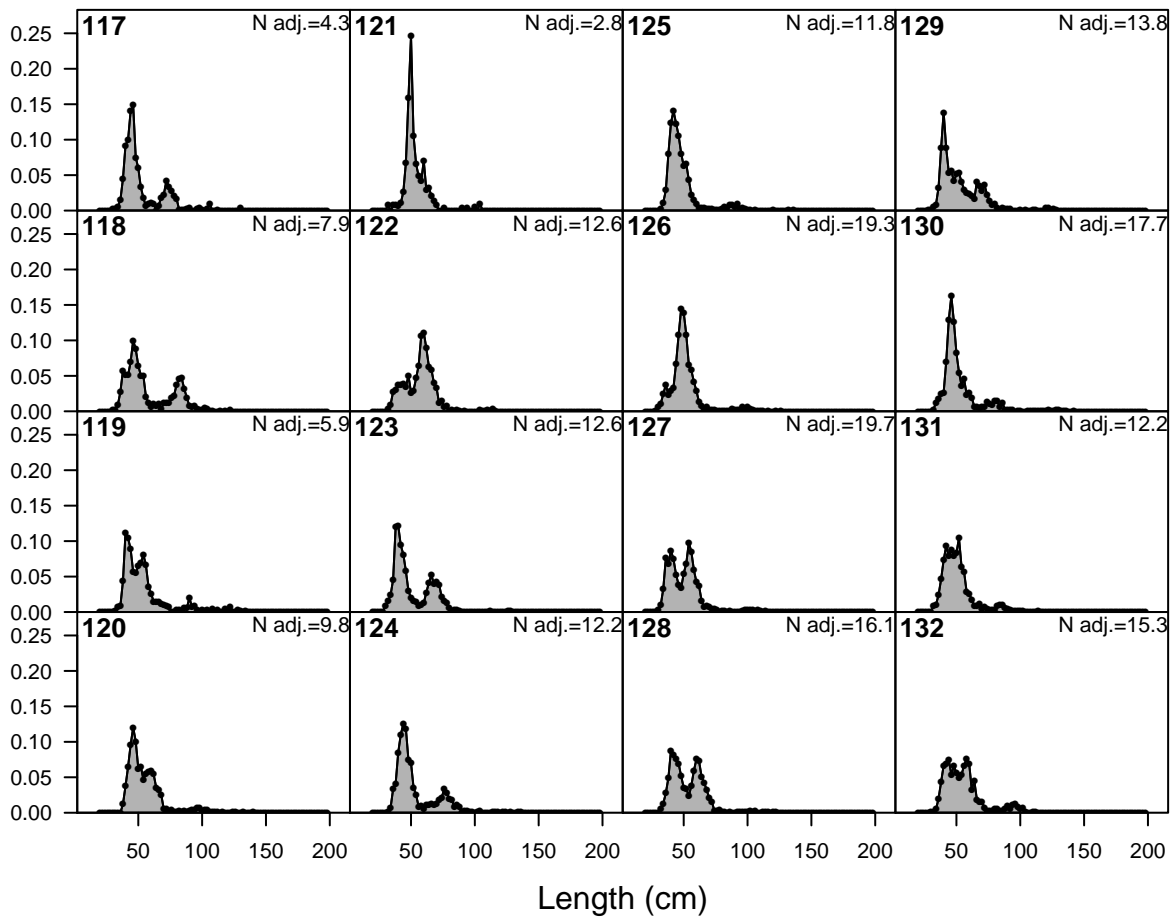
A6-LL-n (whole catch)



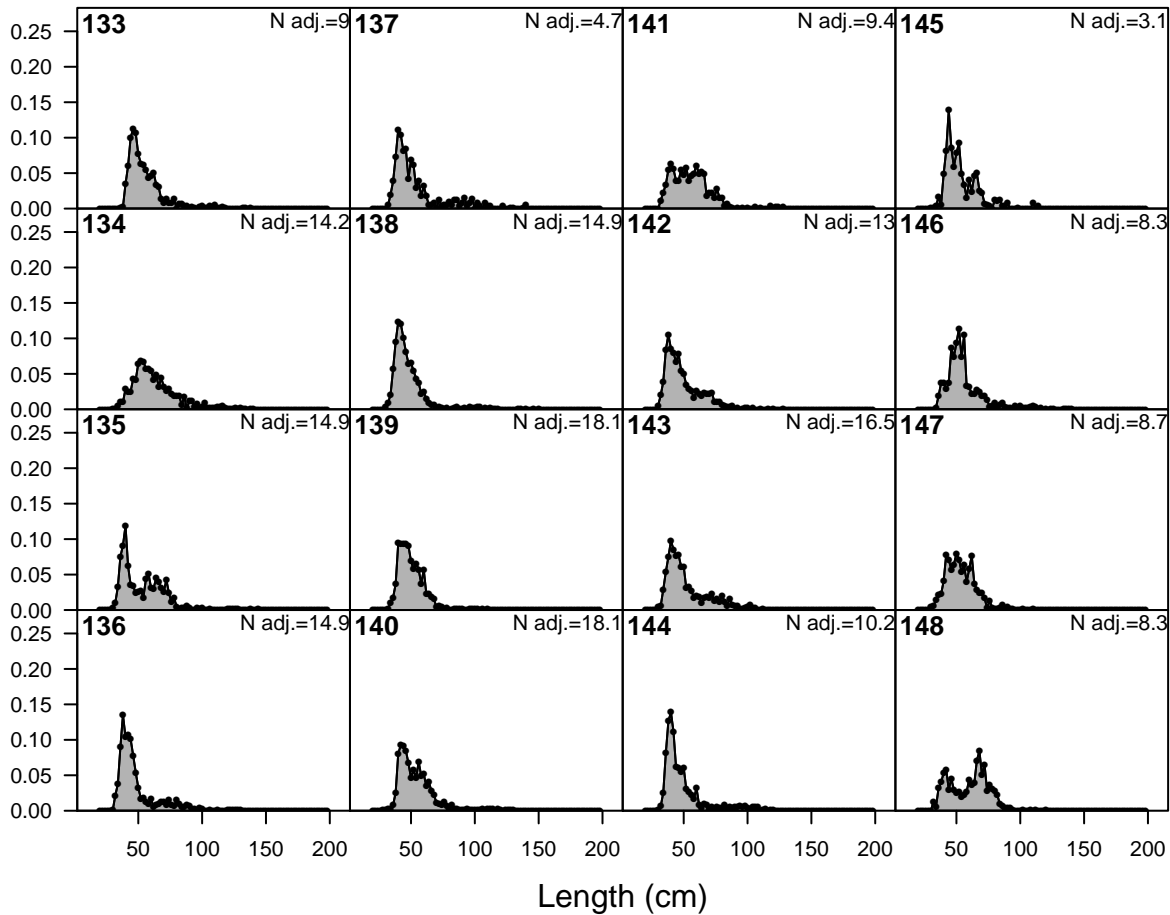
Proportion



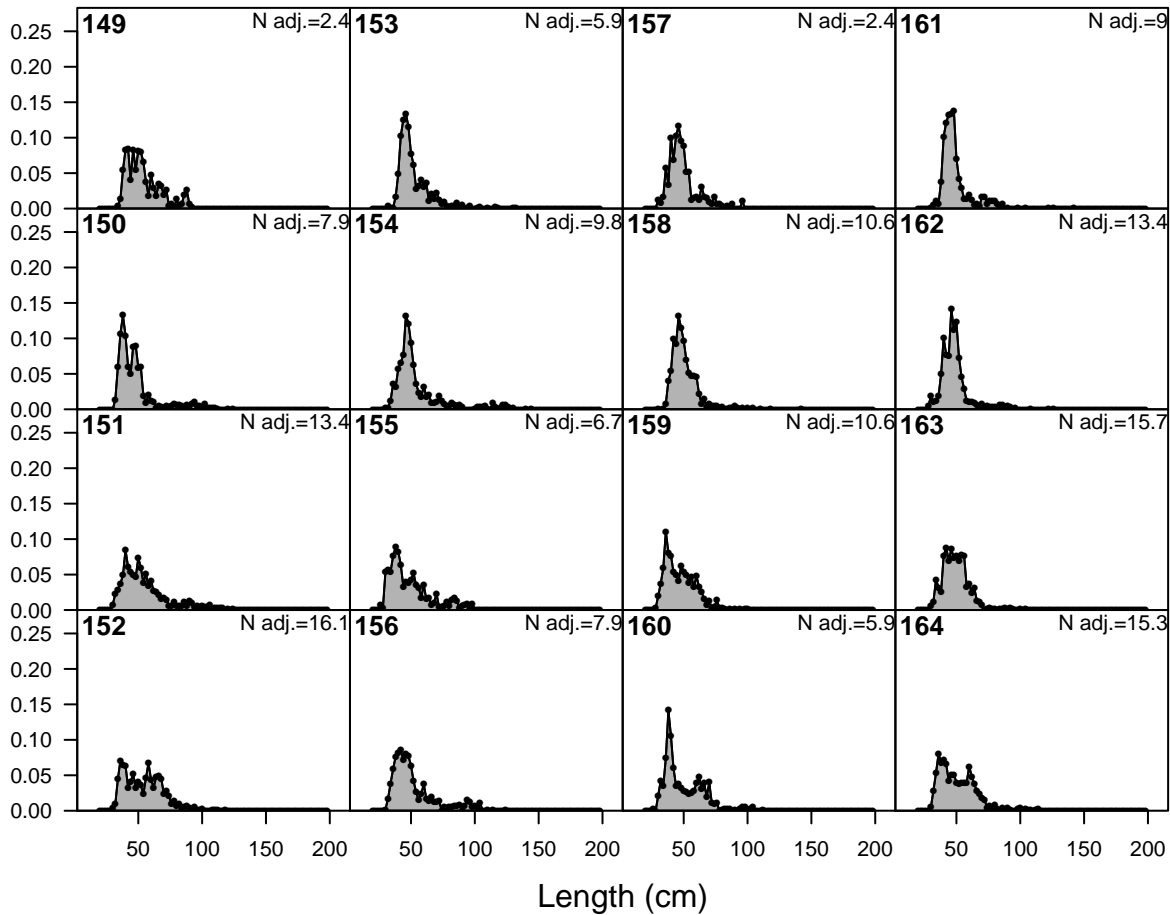
Proportion



Proportion

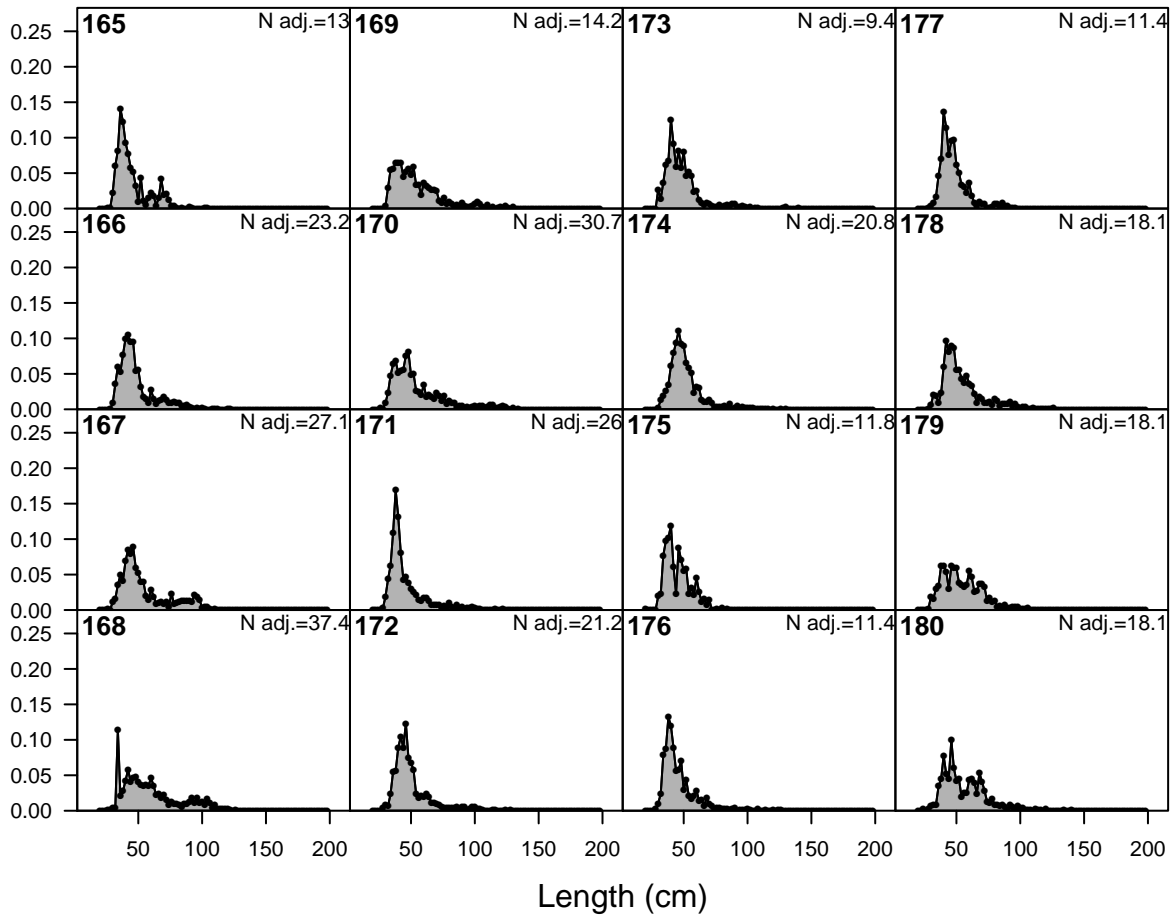


Proportion





Proportion



Length (cm)

200

150

100

50

◦ 0.01 ○ 0.2

101

108

115

122

129

136

143

150

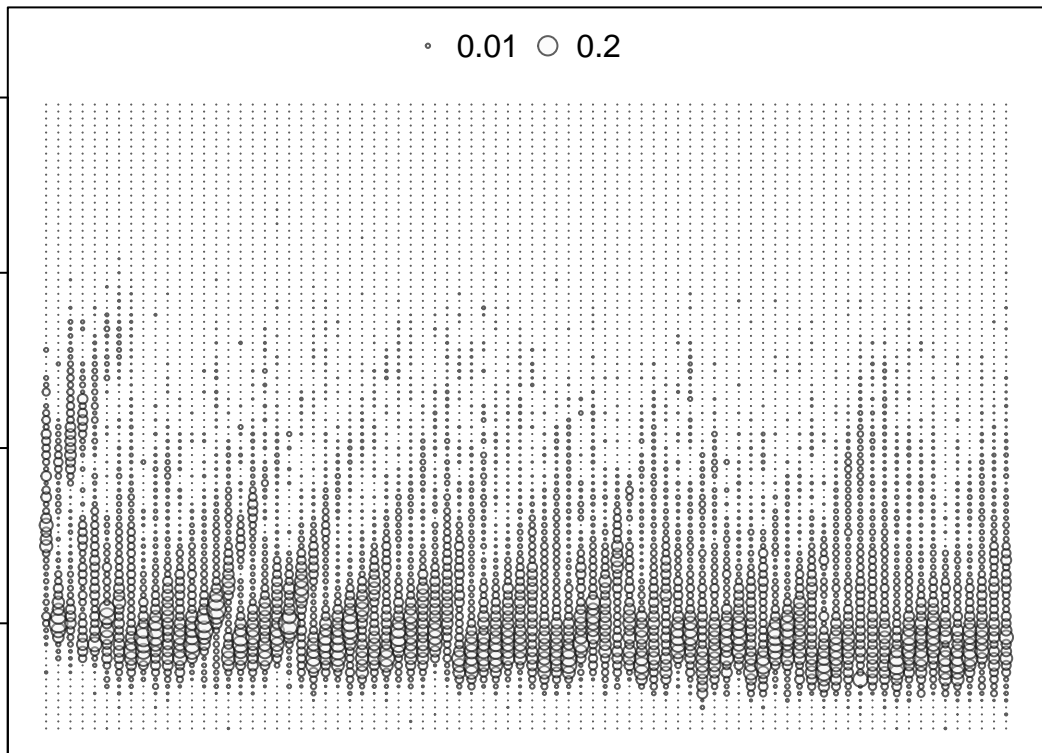
157

164

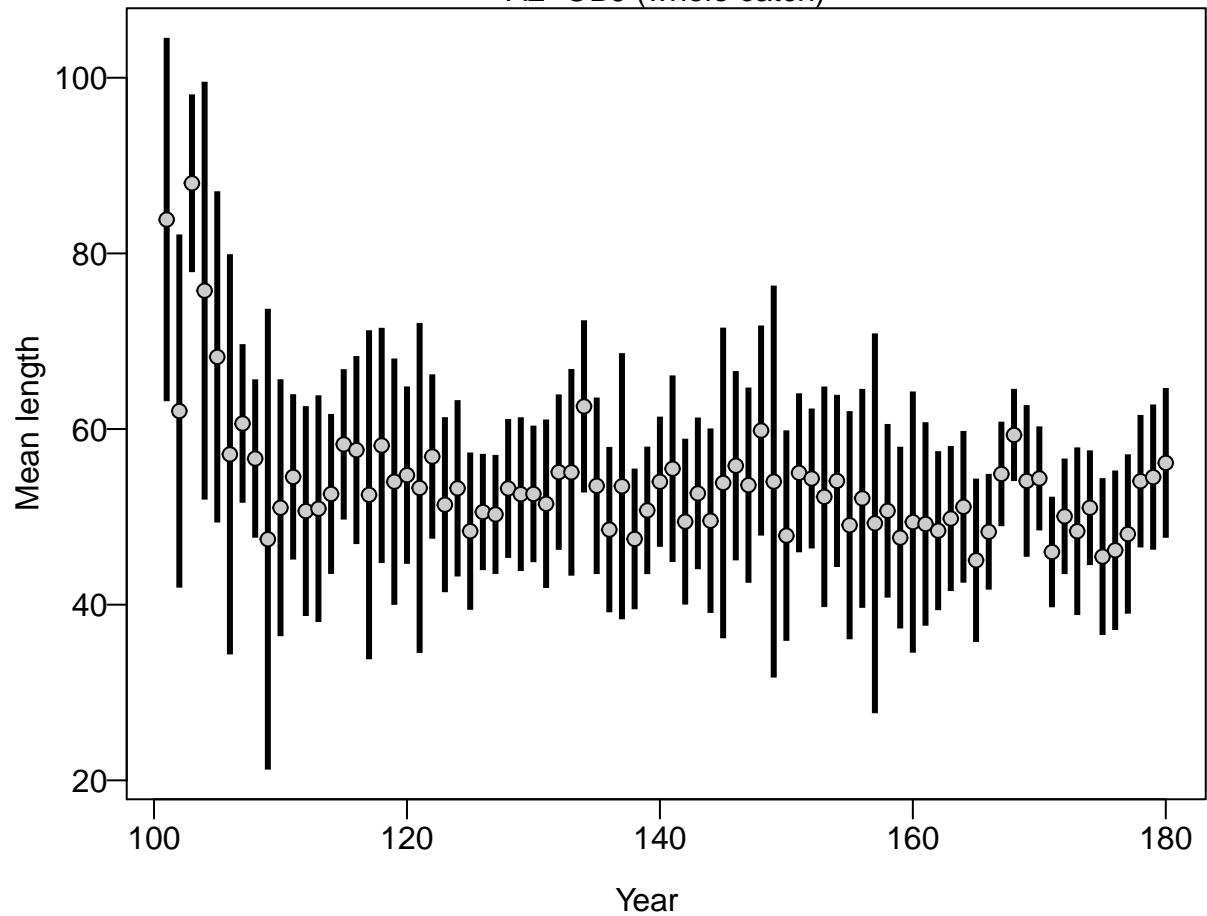
171

178

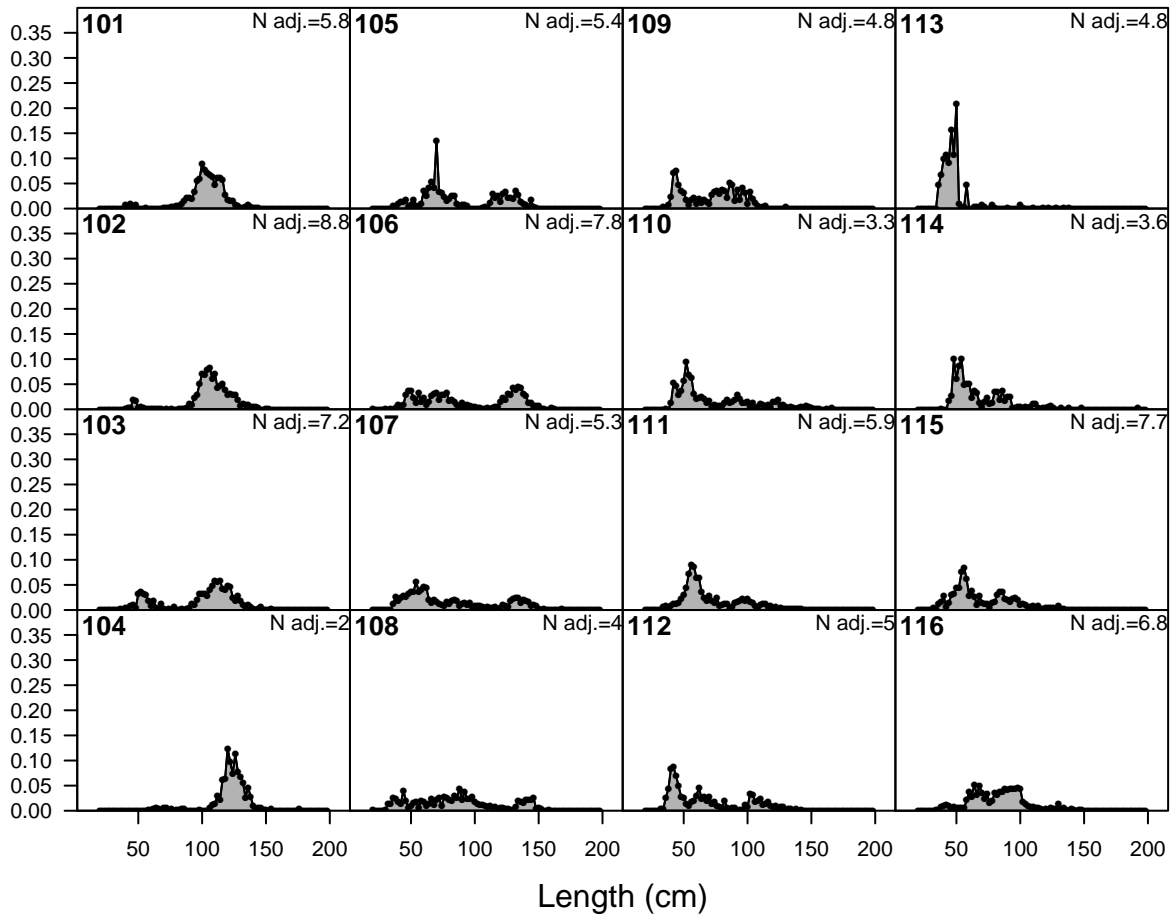
Year



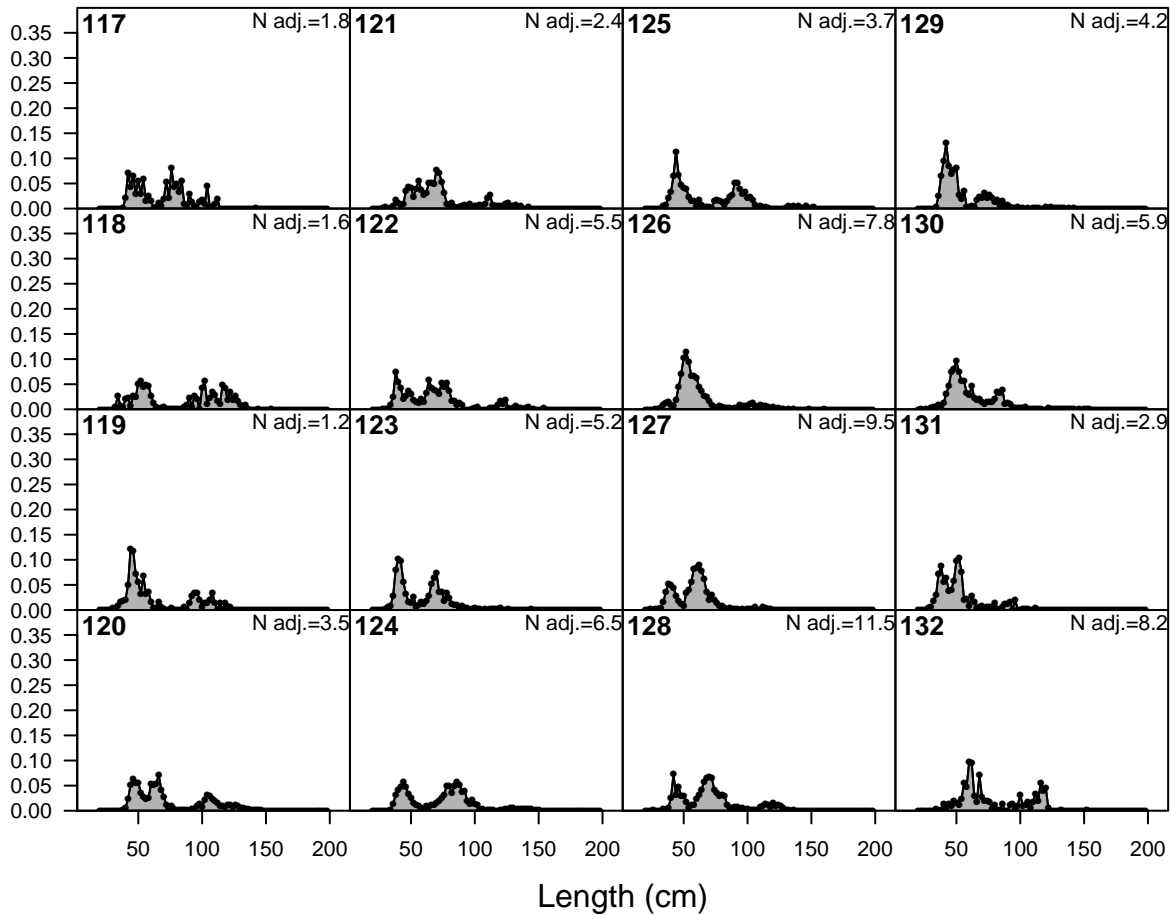
## A2-OBJ (whole catch)



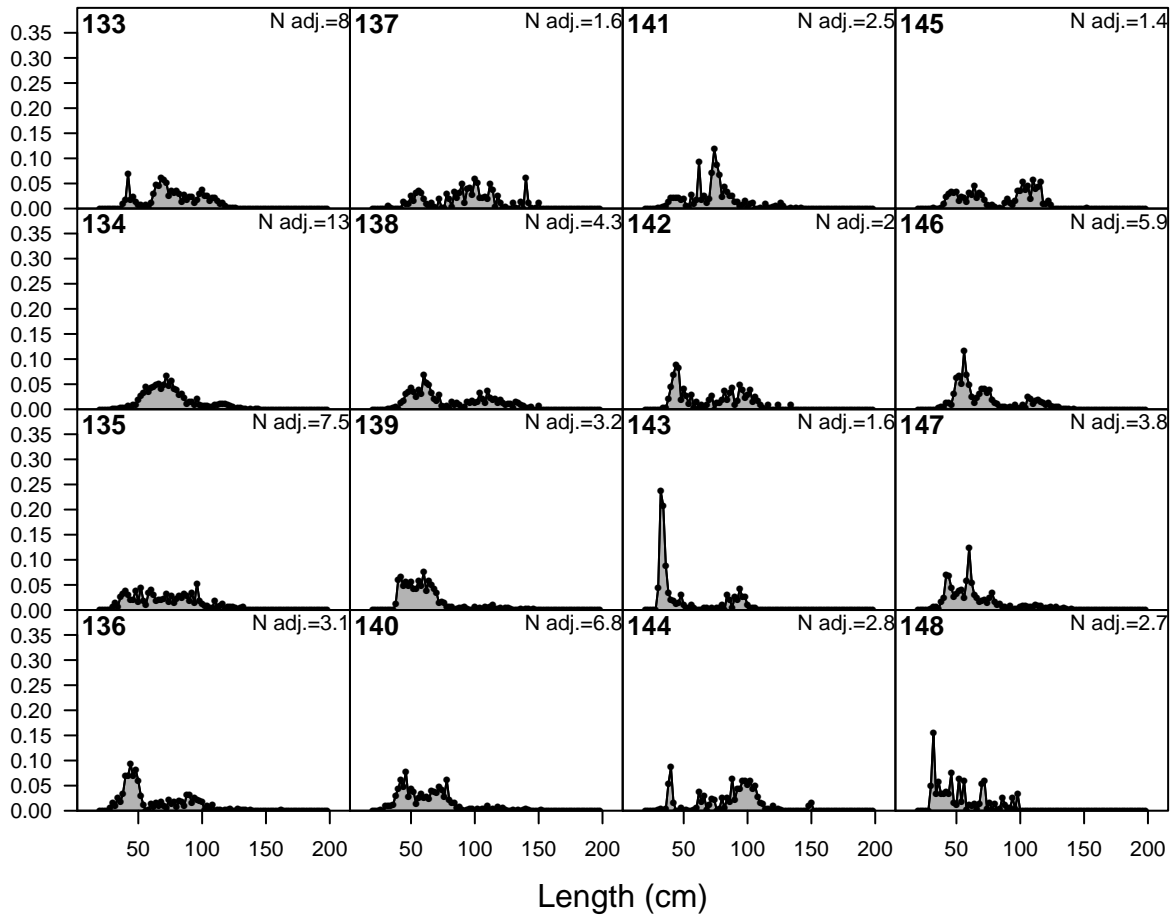
Proportion



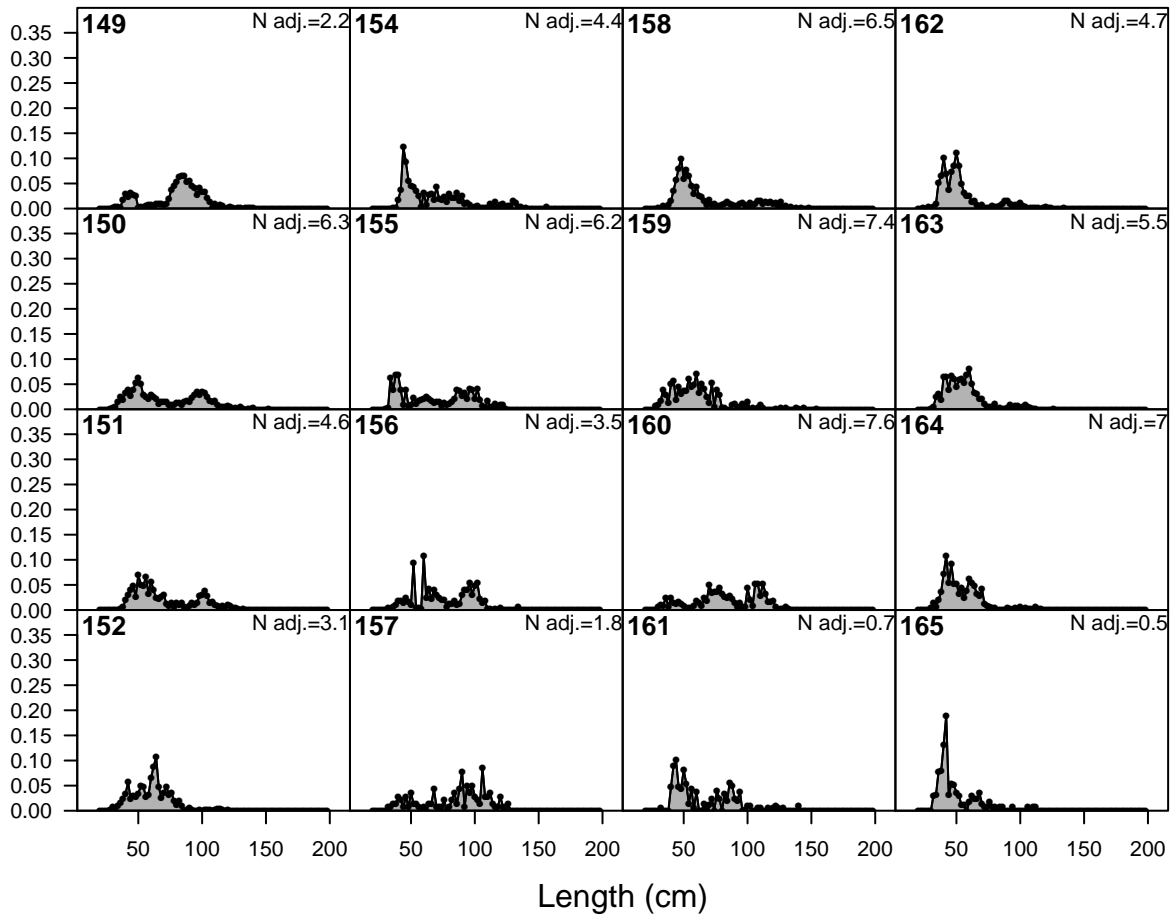
Proportion



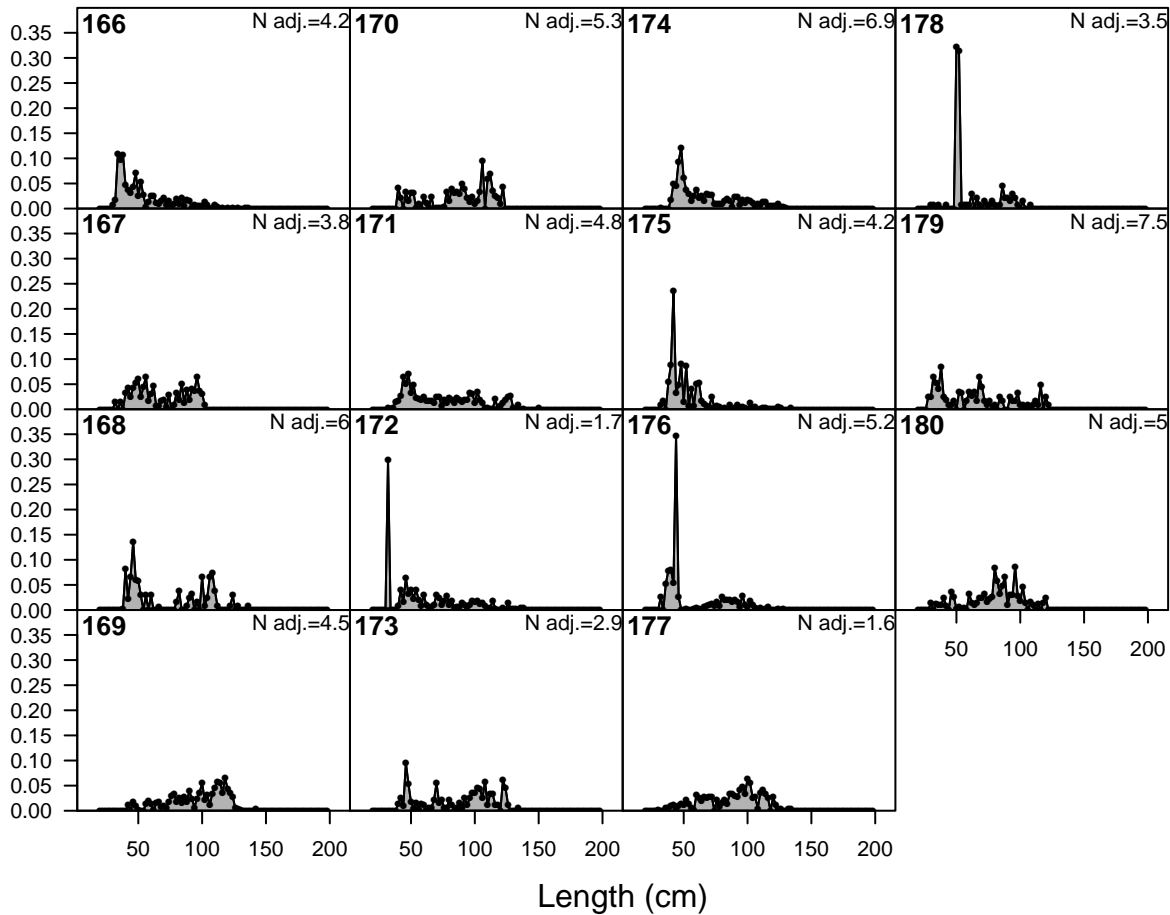
Proportion



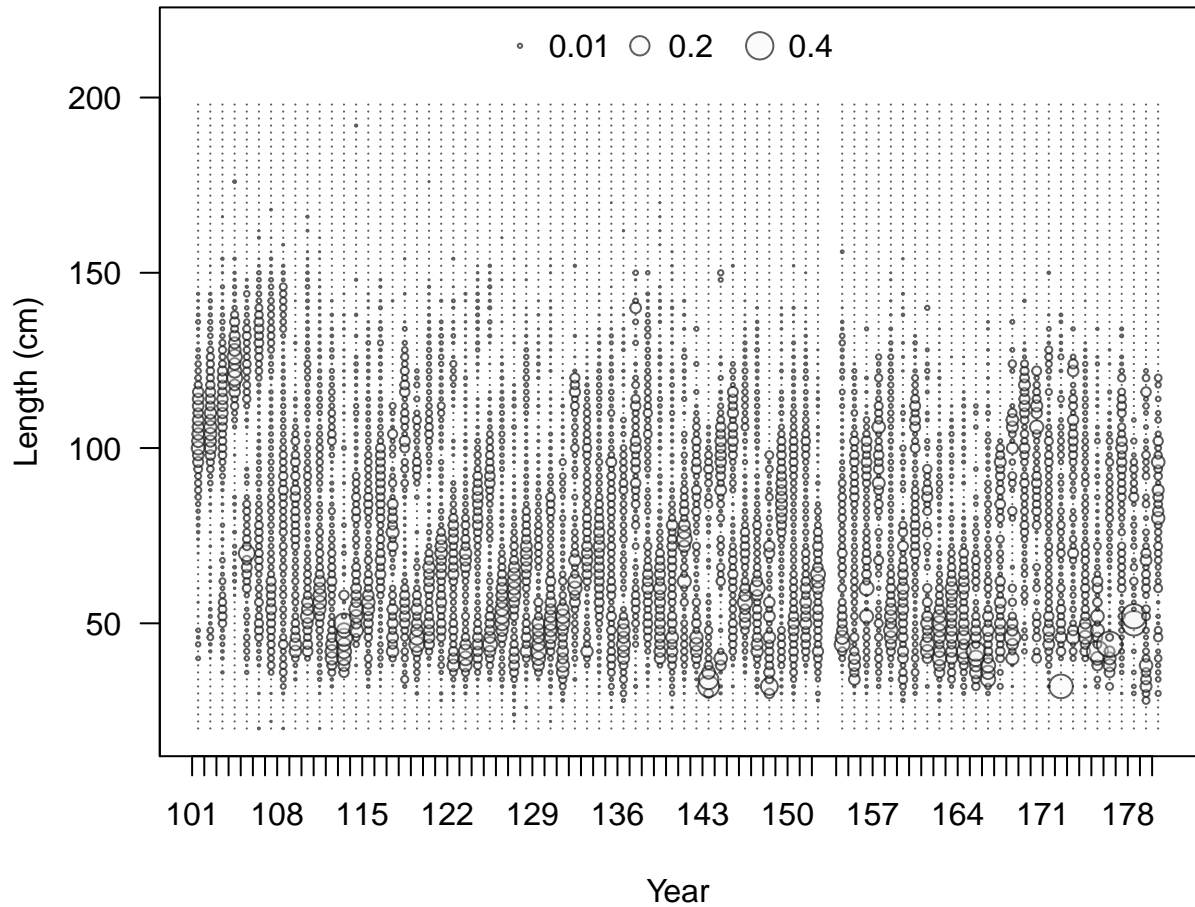
Proportion



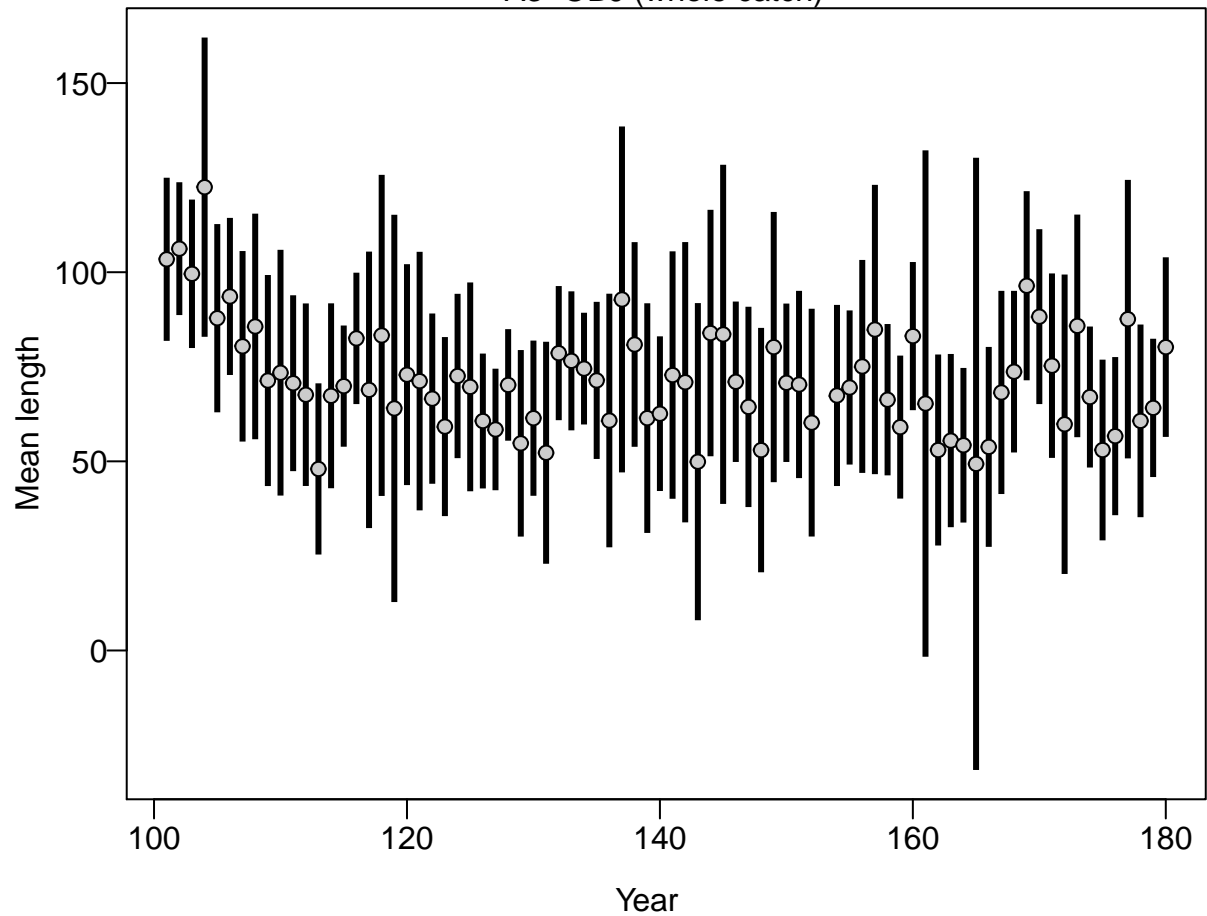
Proportion



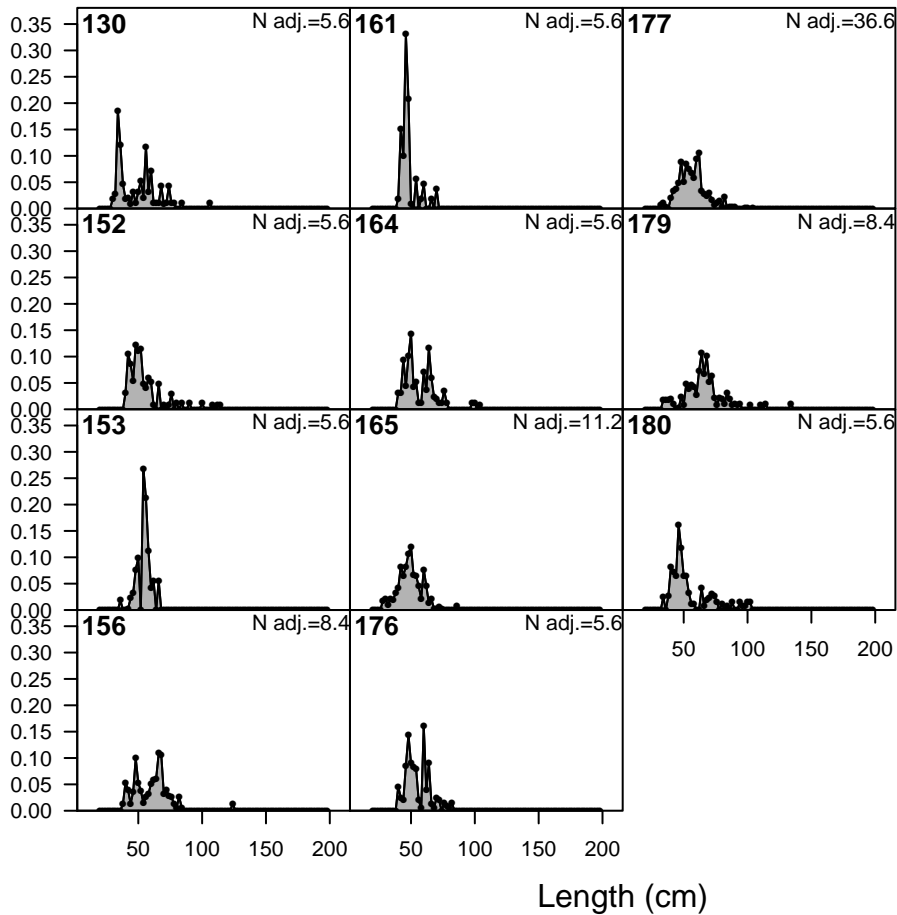


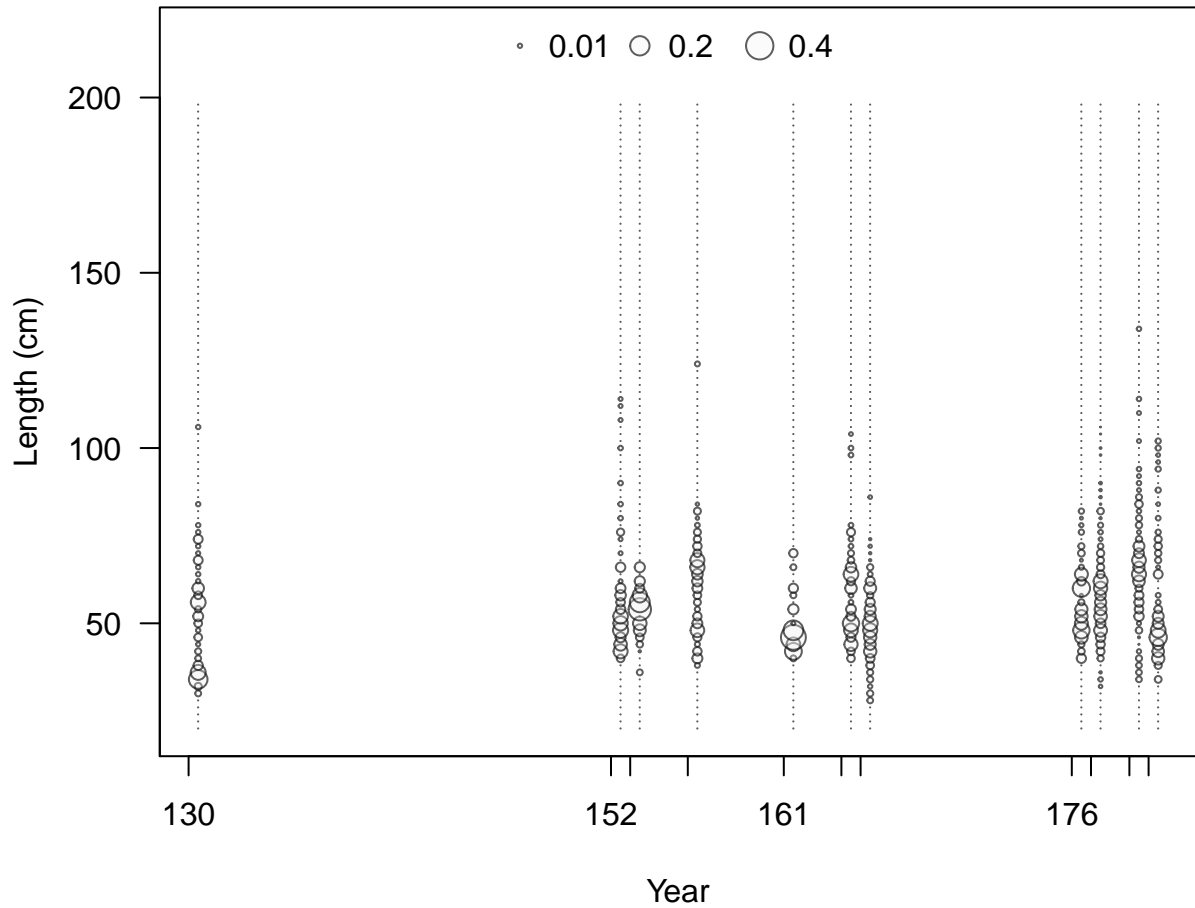


## A3-OBJ (whole catch)

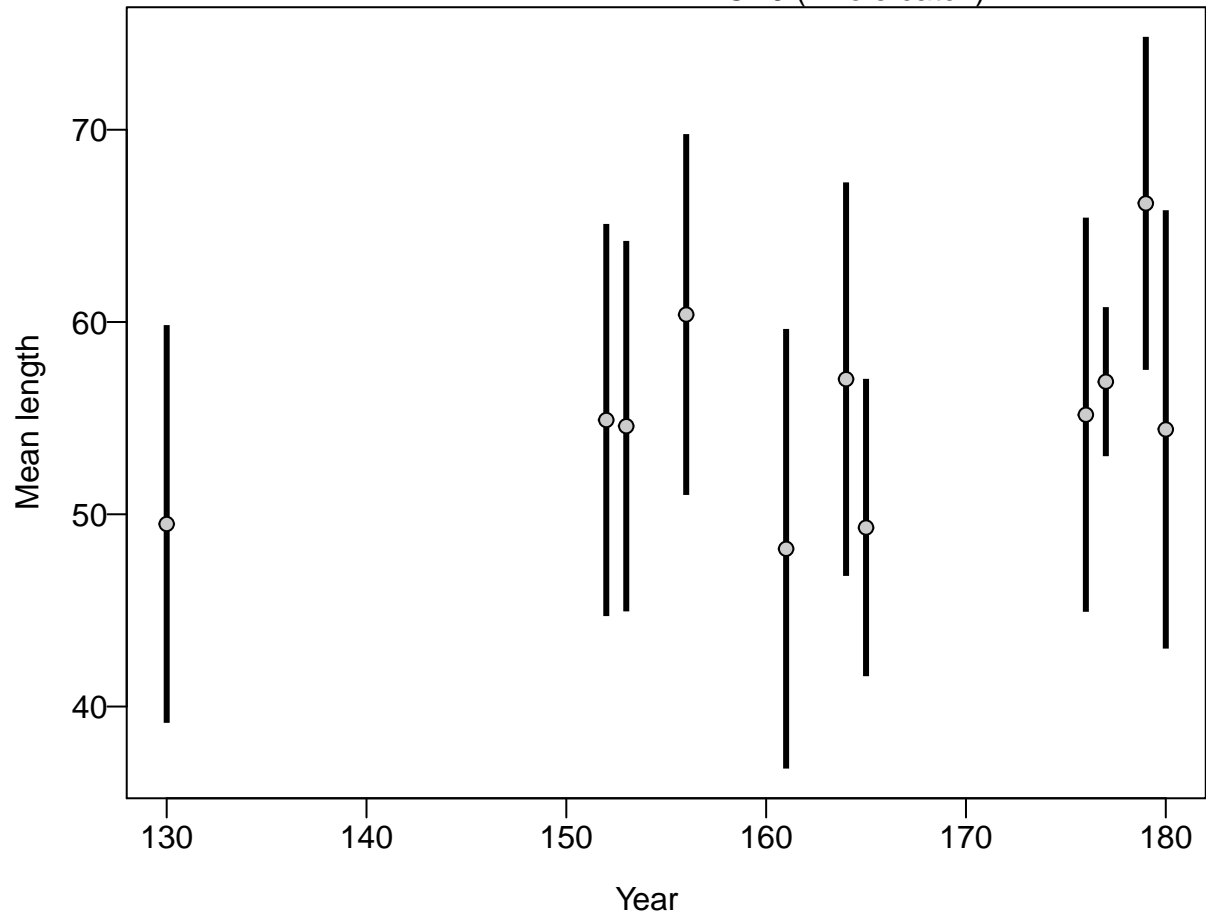


Proportion

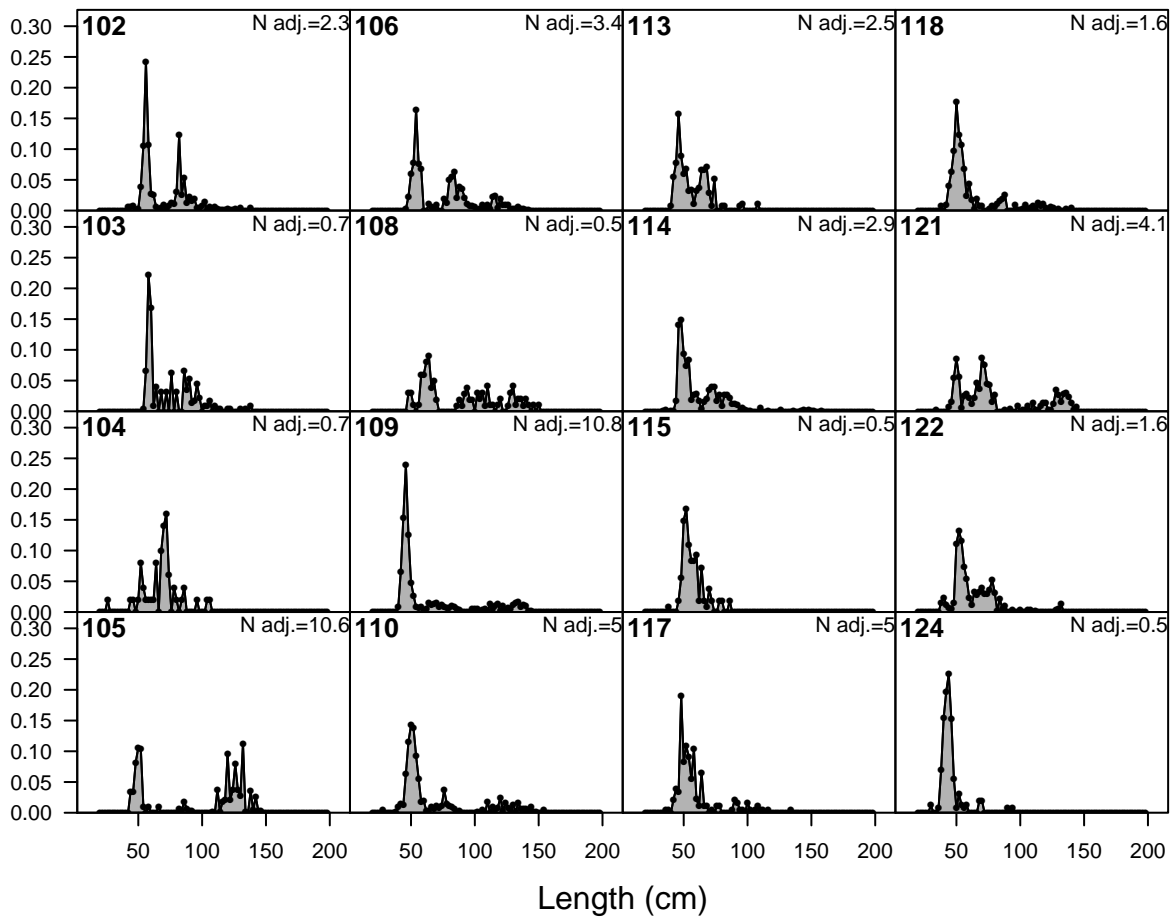




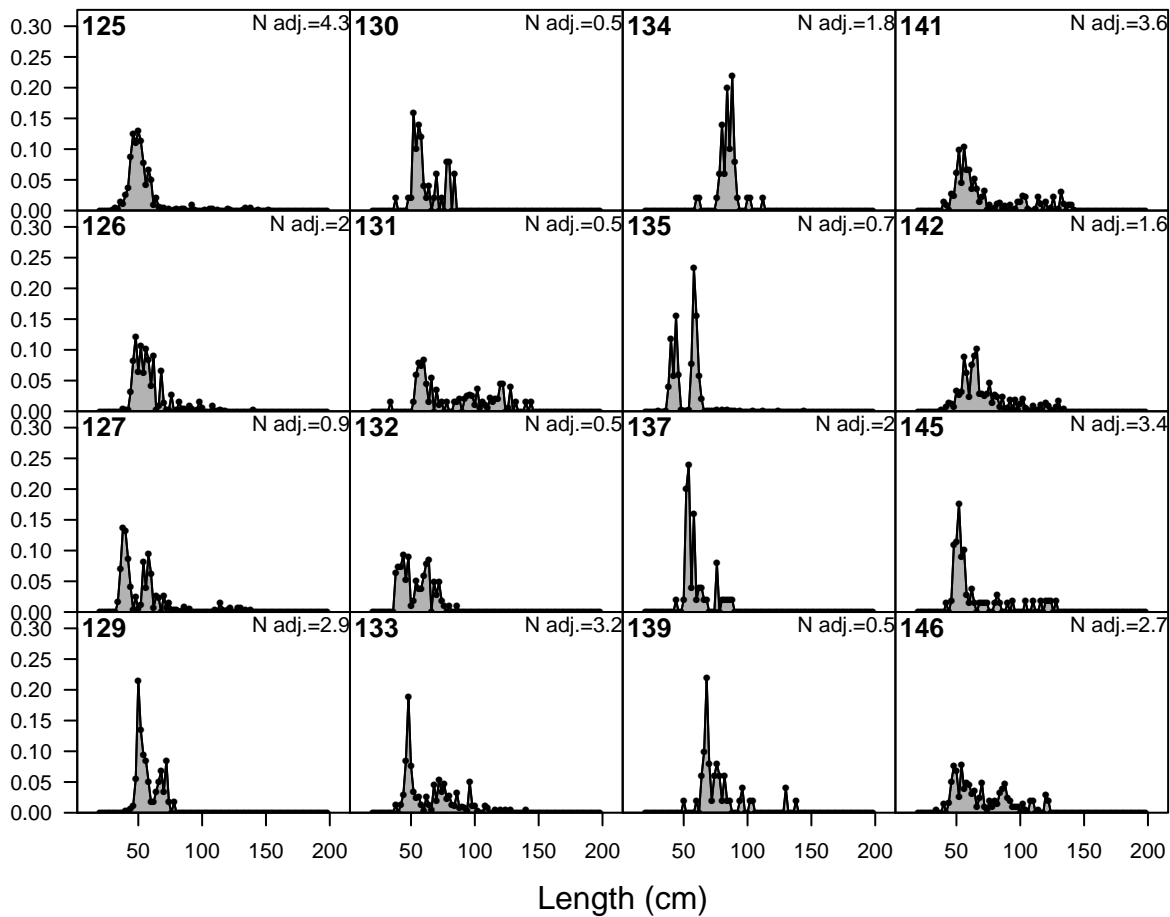
## A4-OBJ (whole catch)



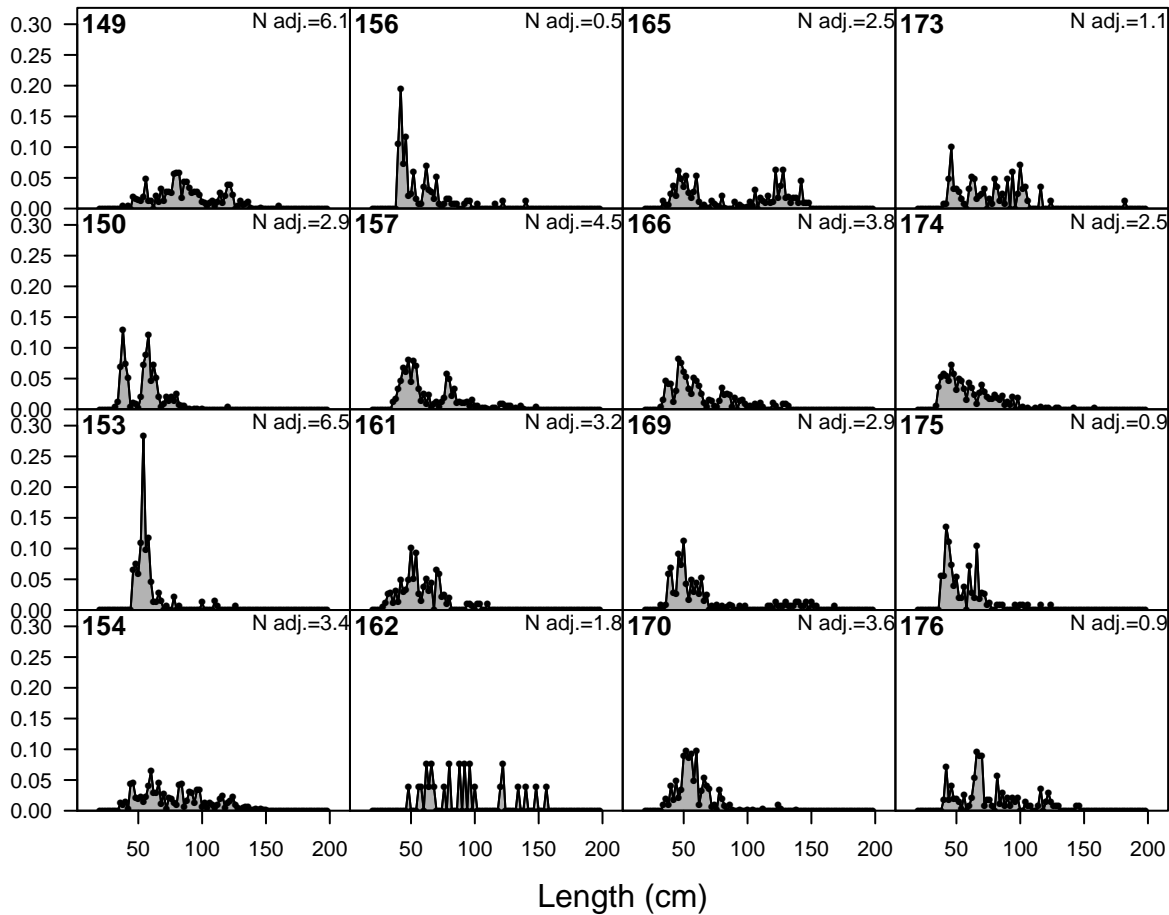
Proportion



Proportion

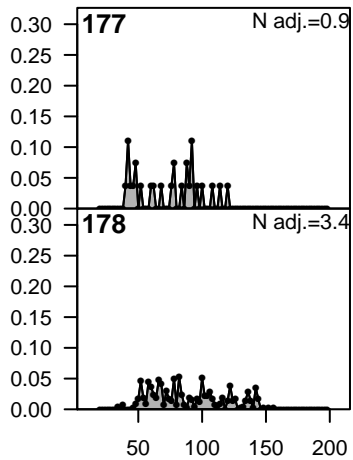


Proportion





Proportion



Length (cm)

Length (cm)

200

150

100

50

◦ 0.01 ○ 0.2

102

109

117

124

131

139

146

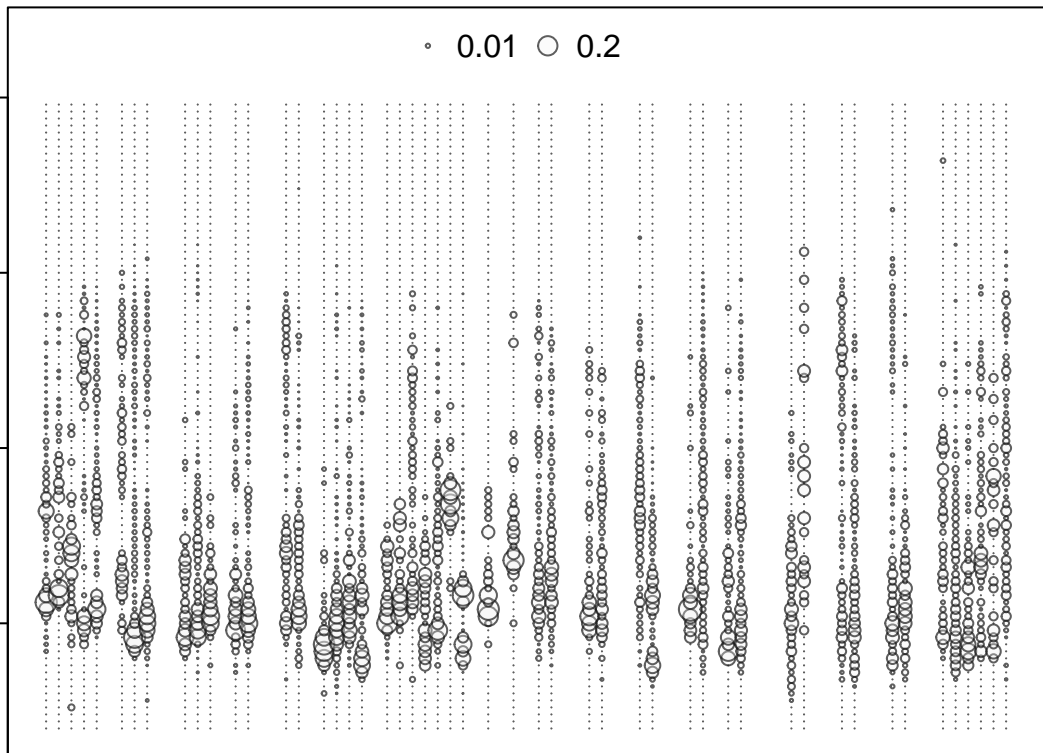
153

161

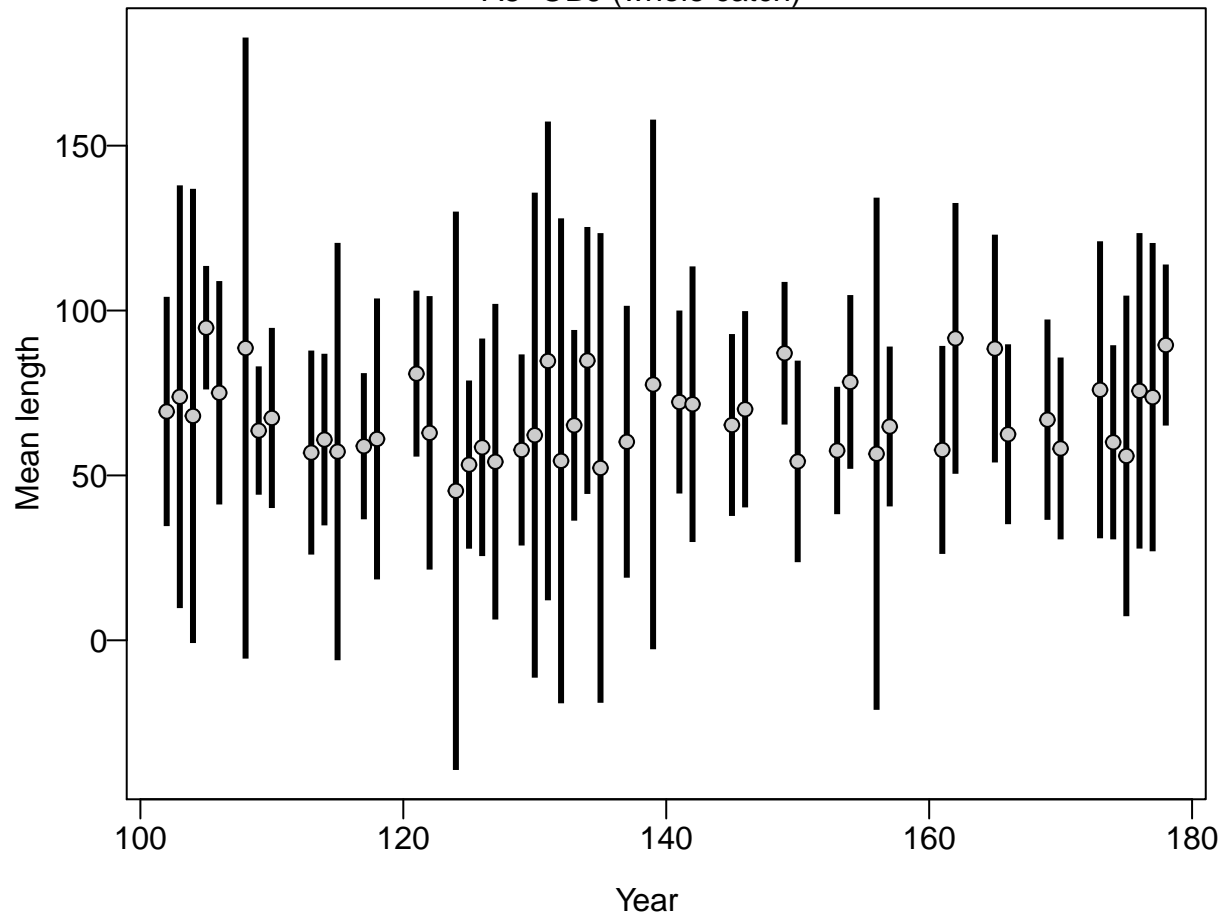
169

176

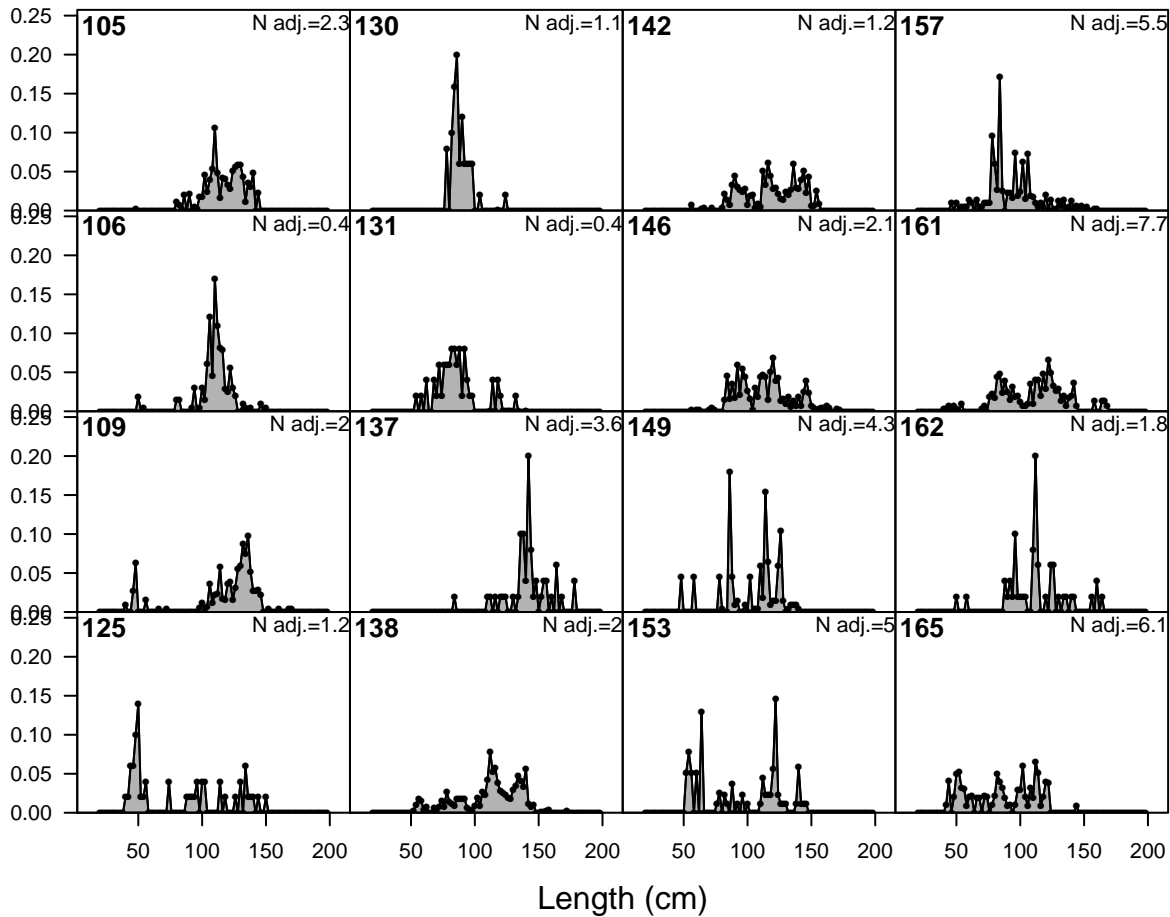
Year



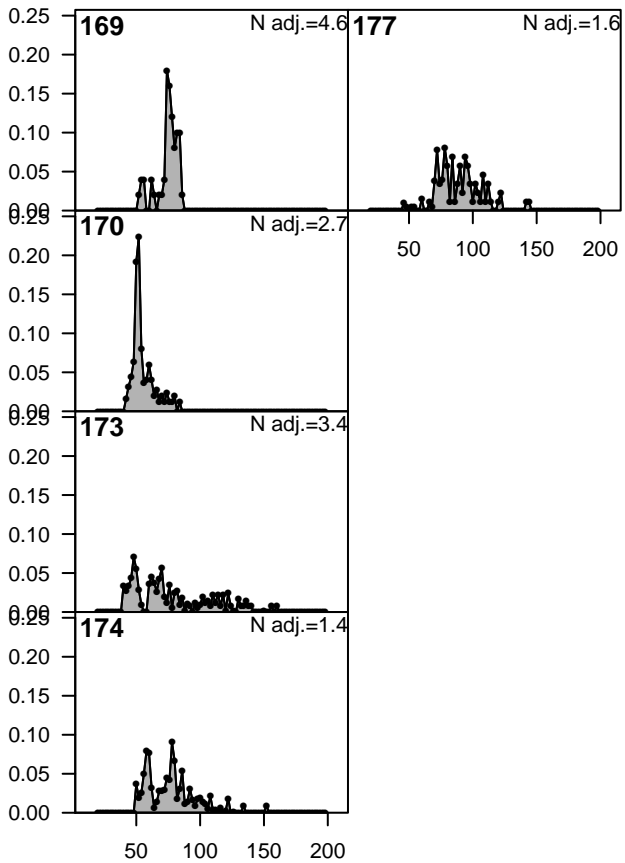
## A5-OBJ (whole catch)



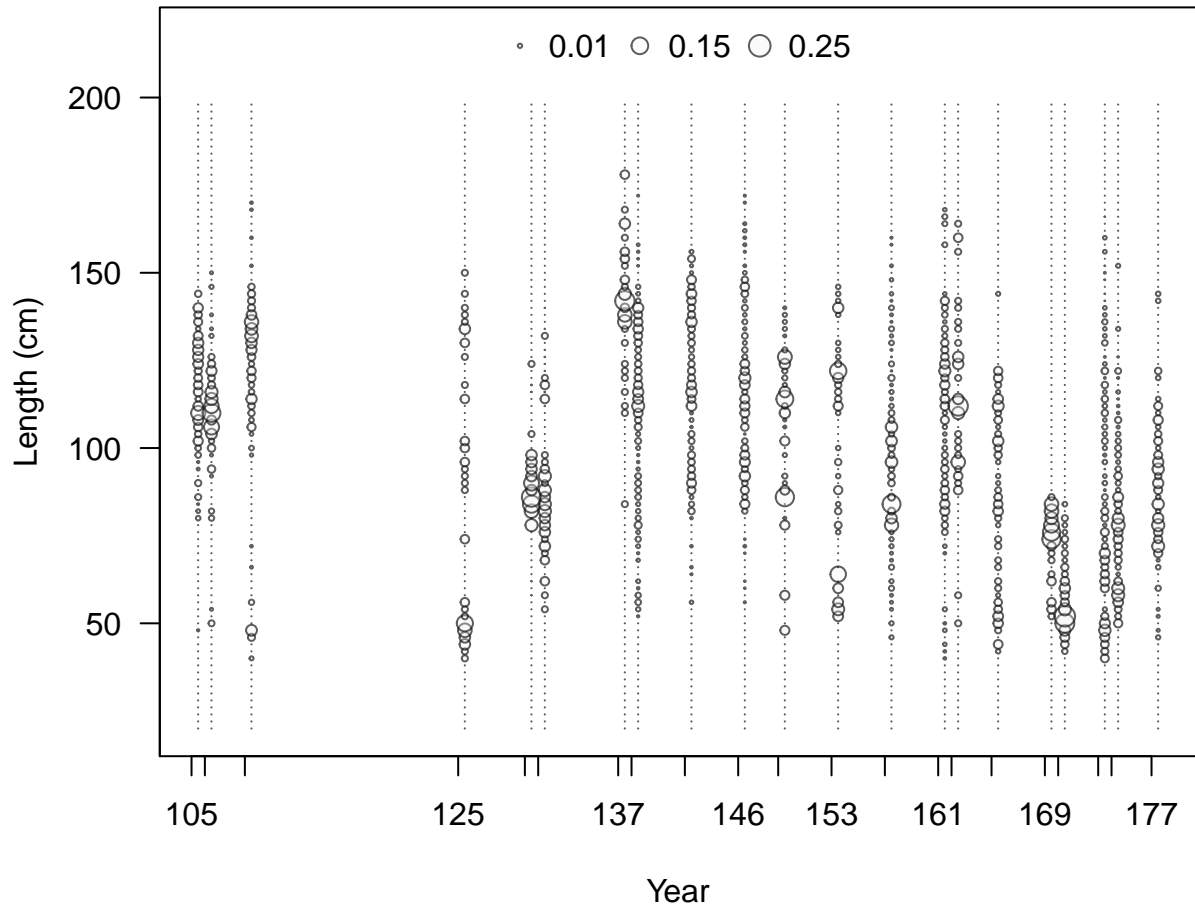
Proportion



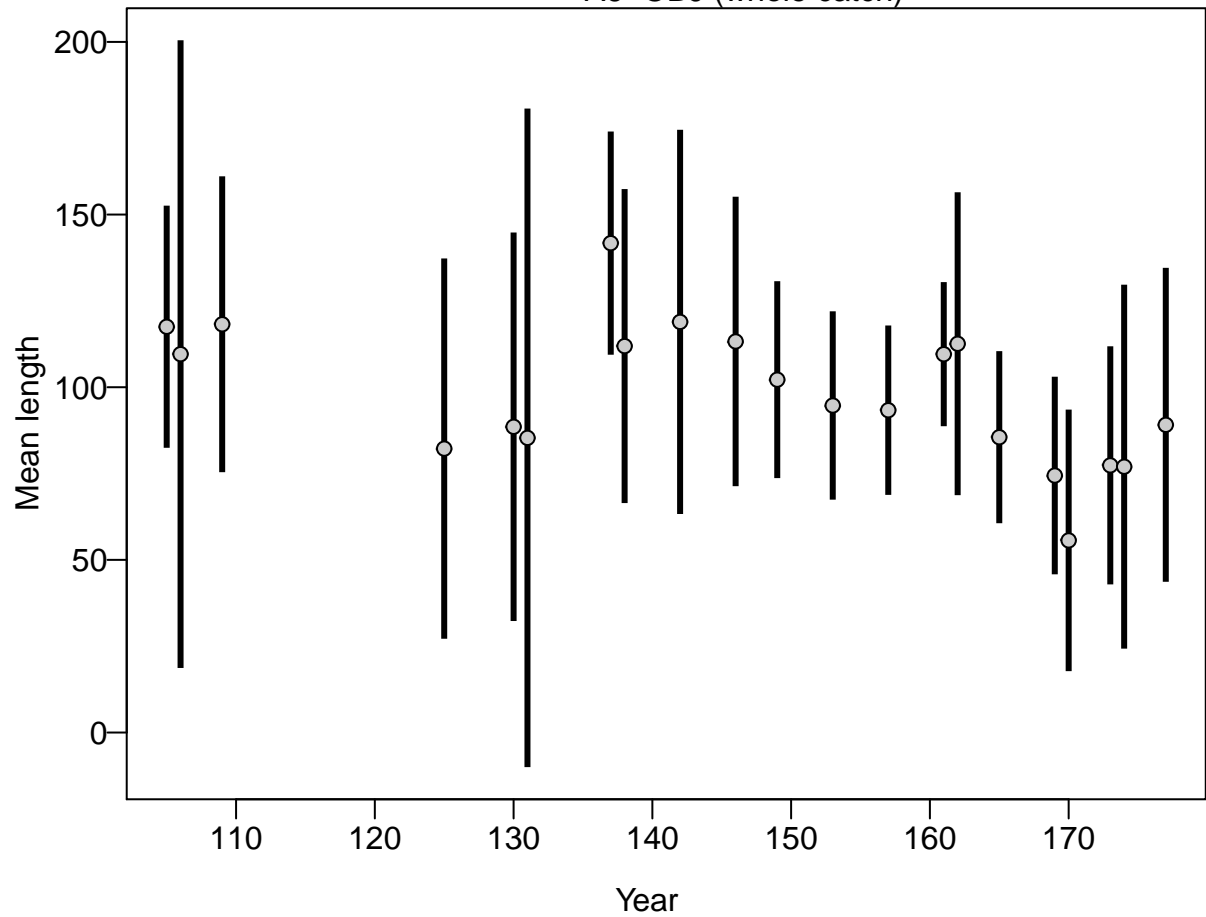
Proportion

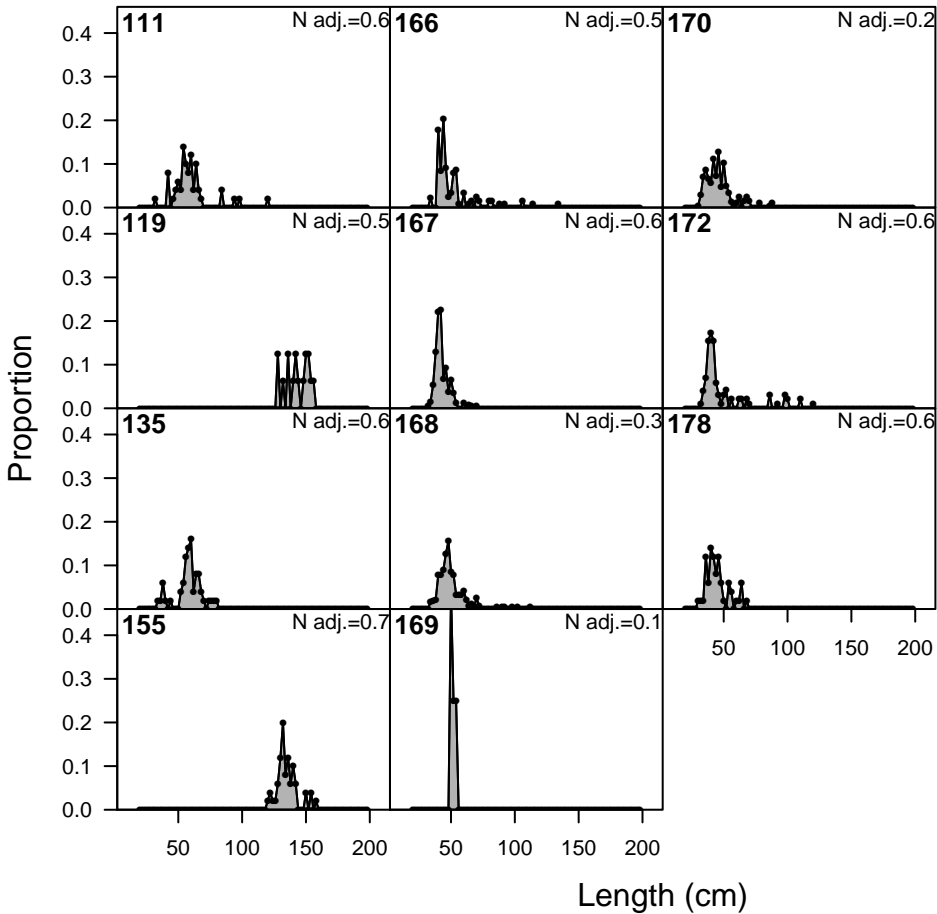


Length (cm)

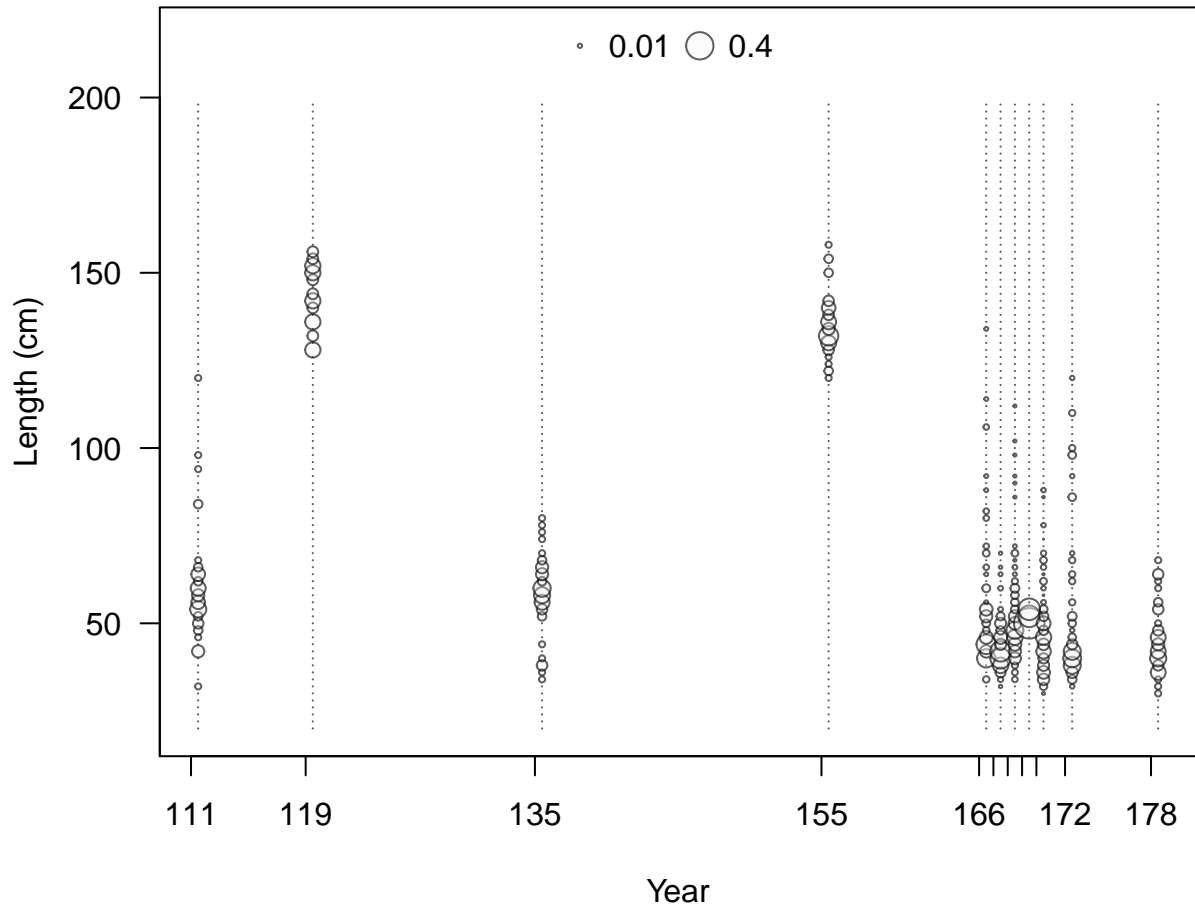


## A6-Obj (whole catch)

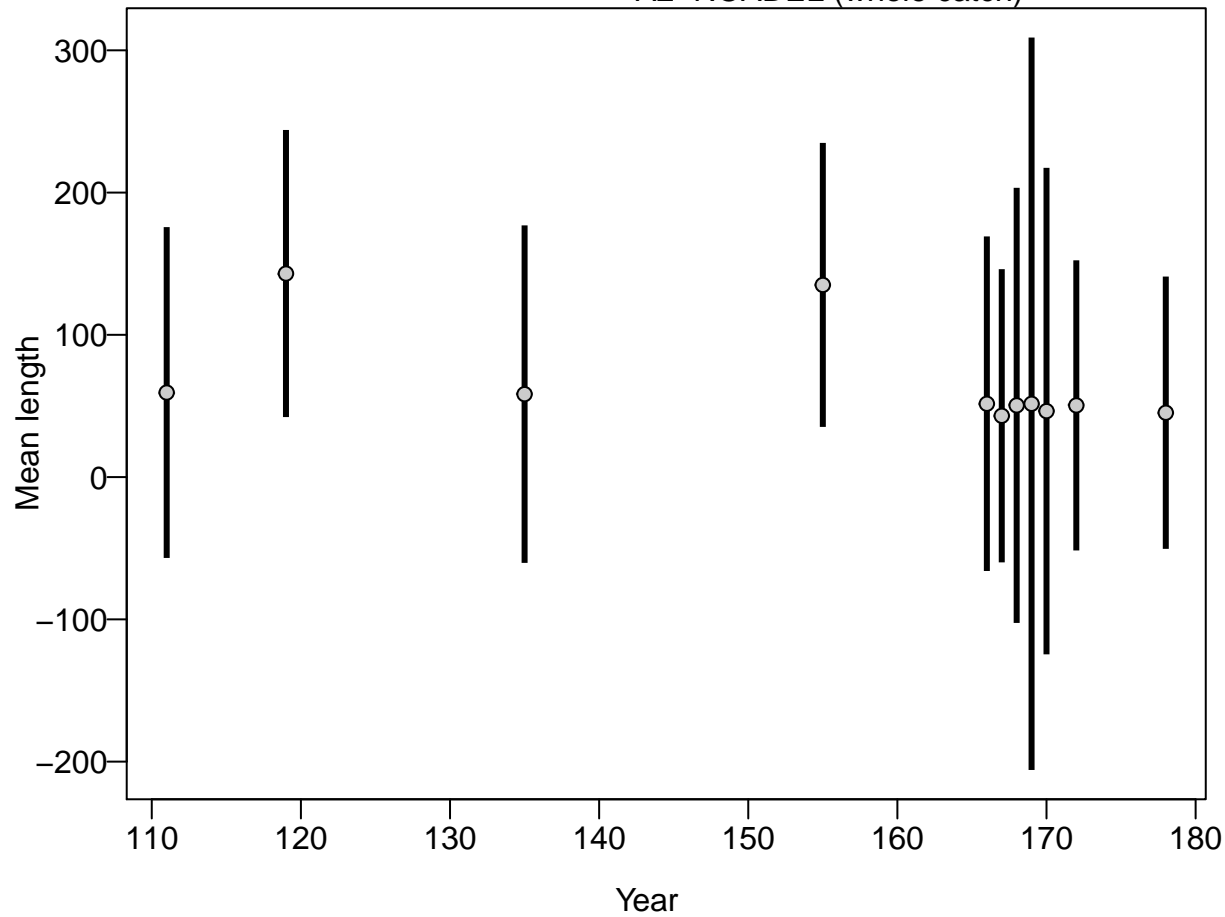


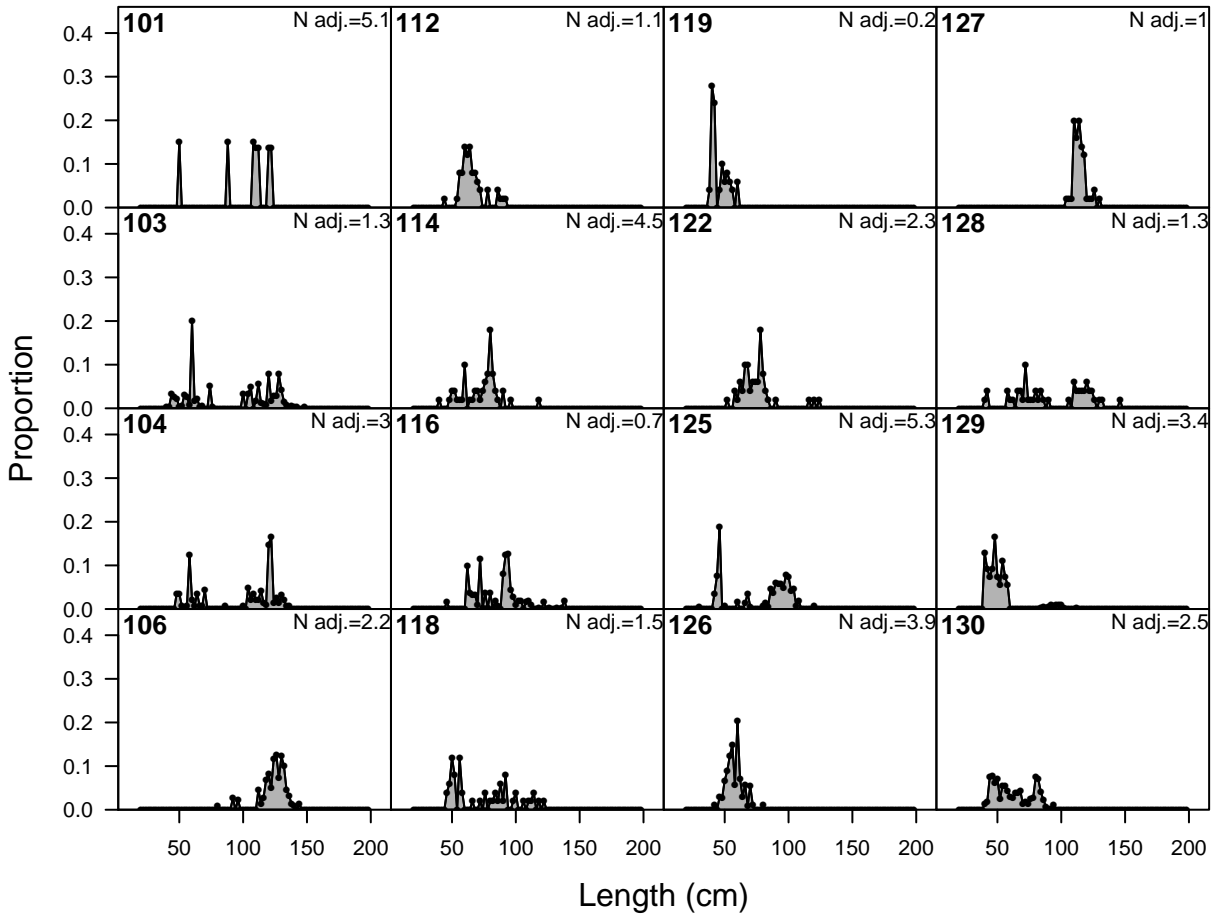


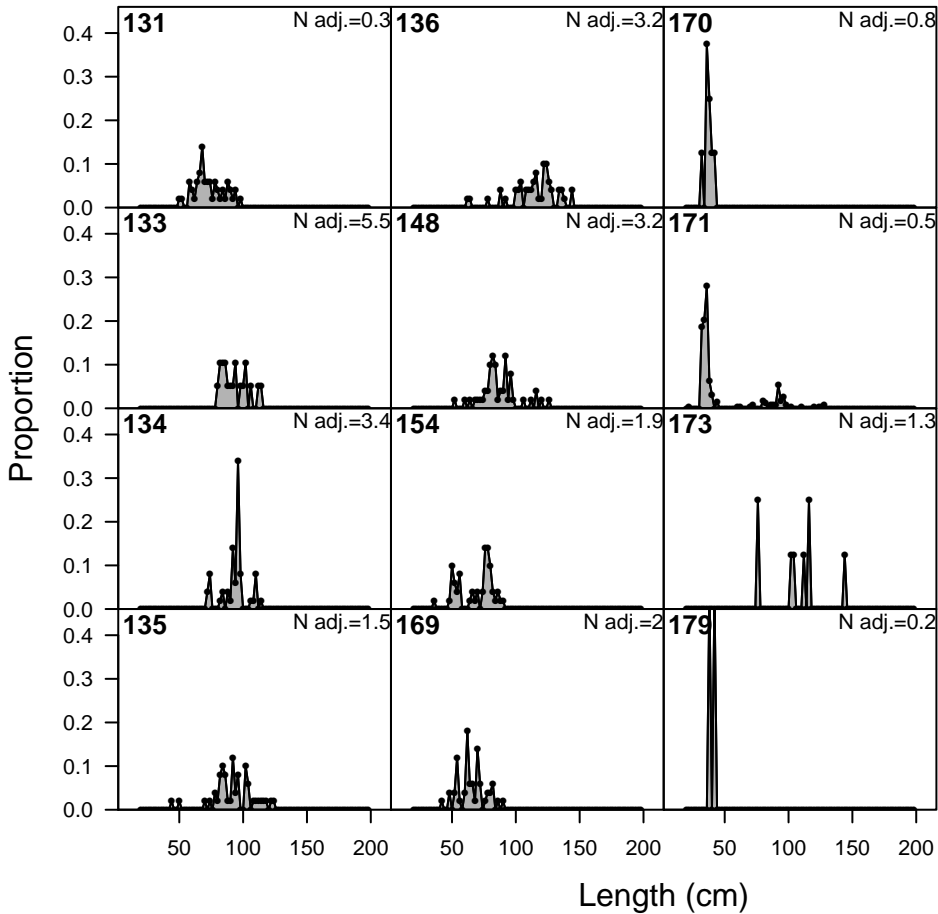


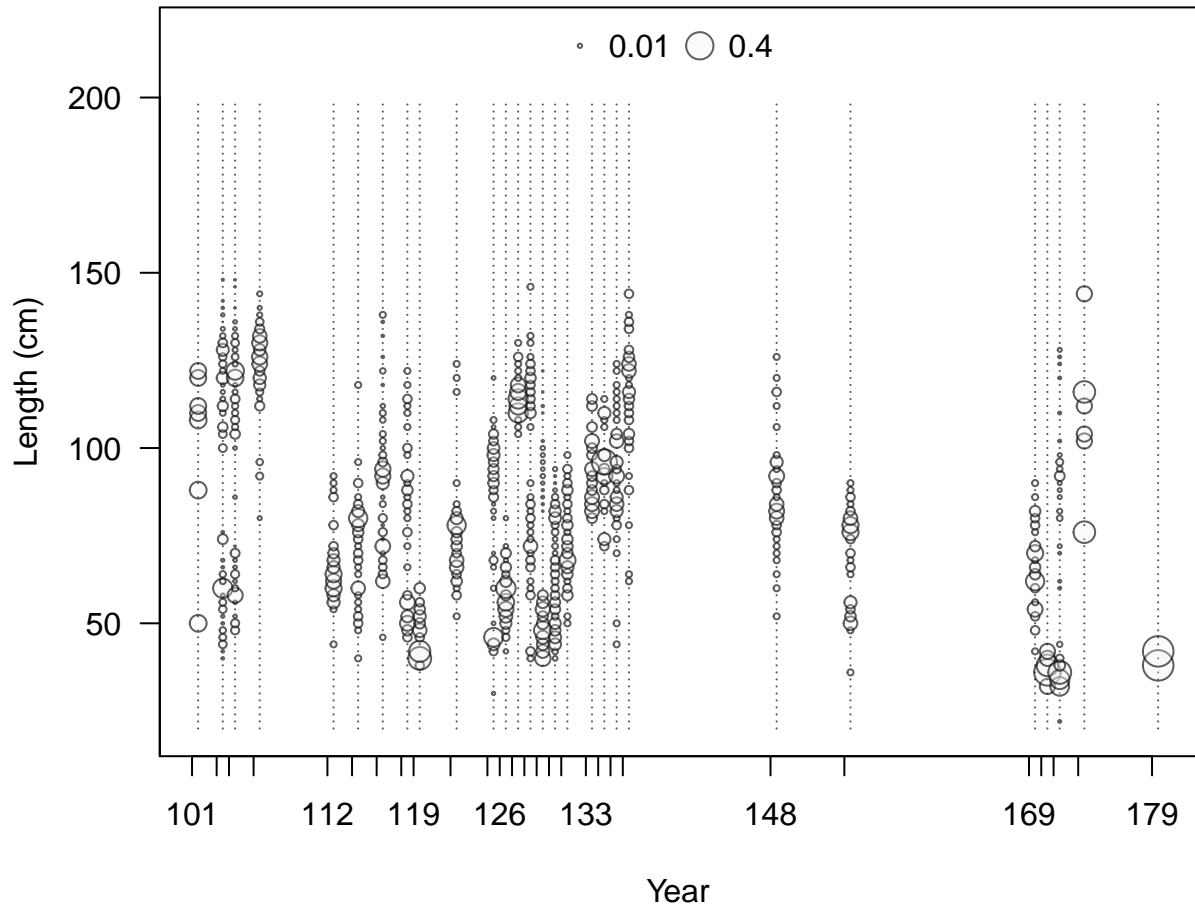


## A2-NOADEL (whole catch)

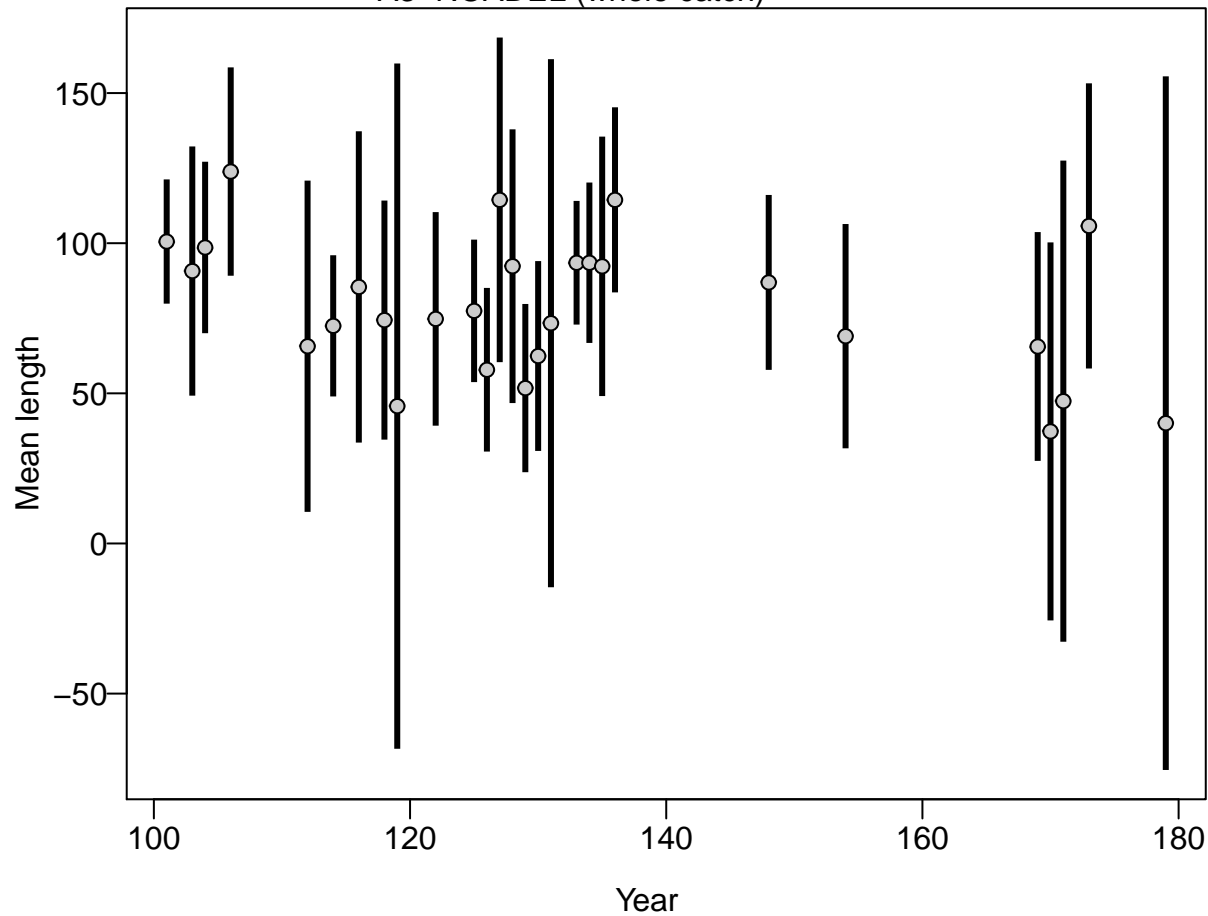


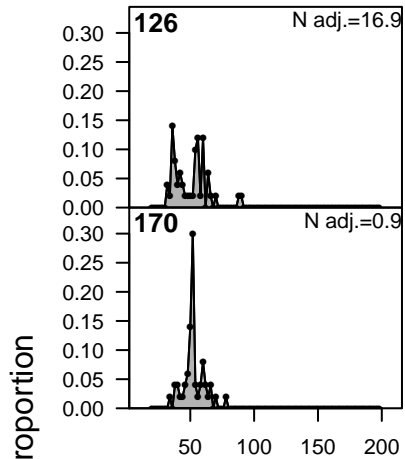




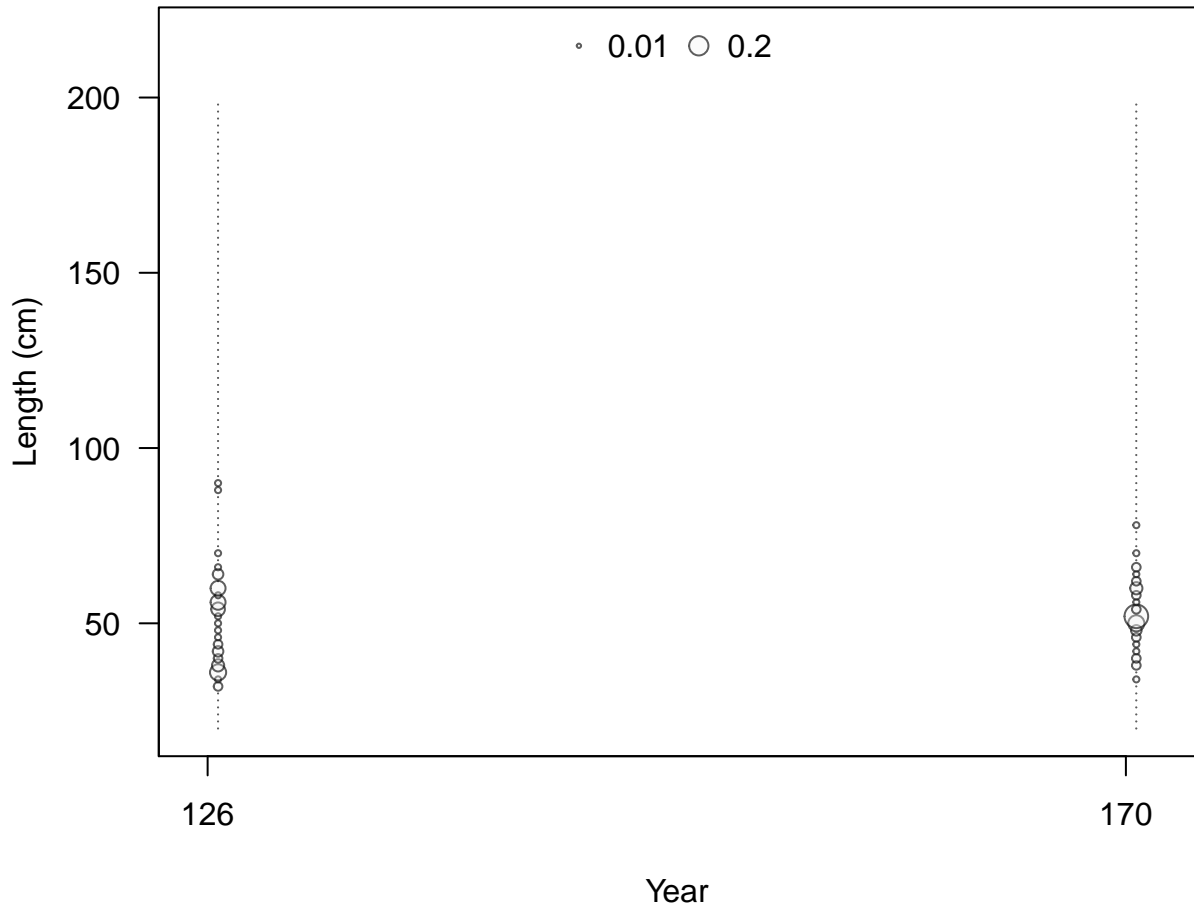


## A3-NOADEL (whole catch)



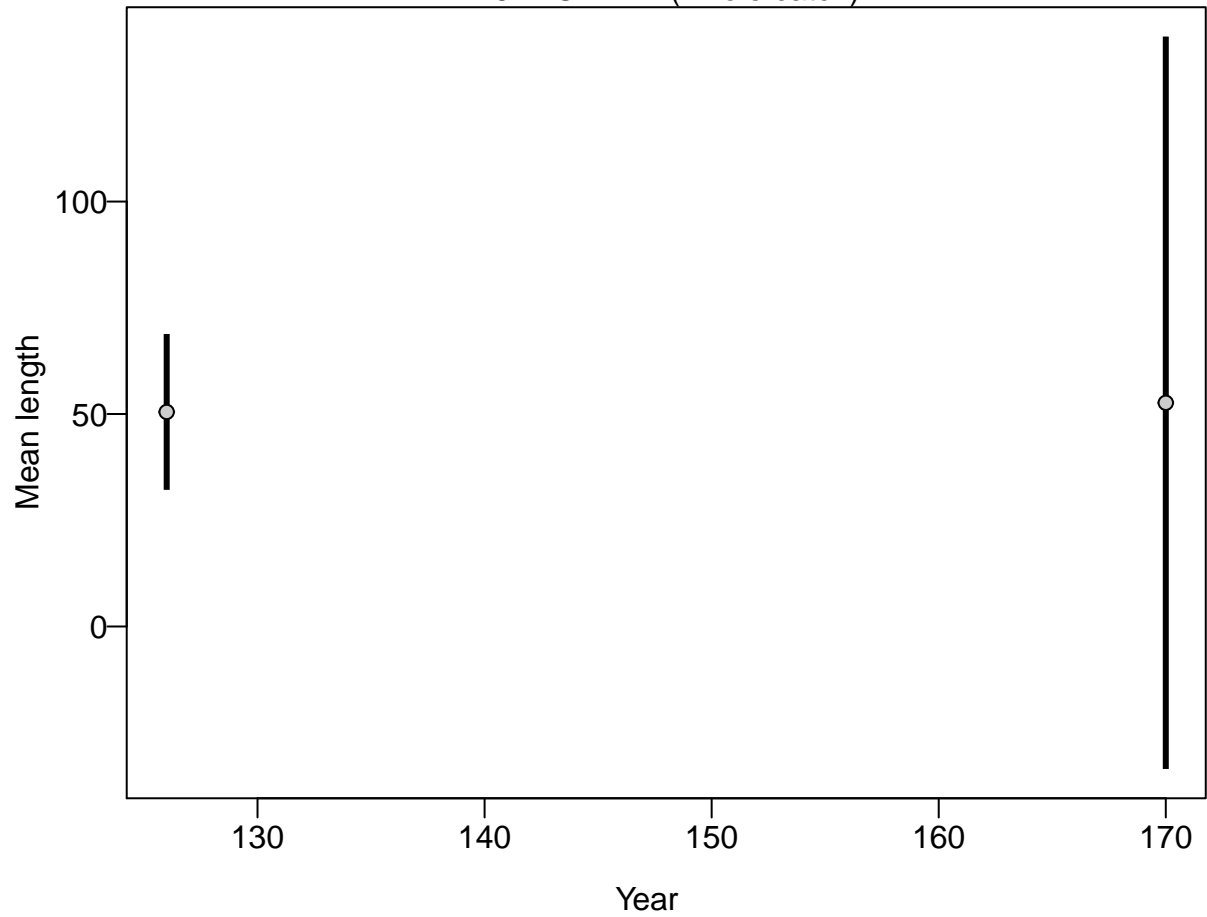


Length (cm)

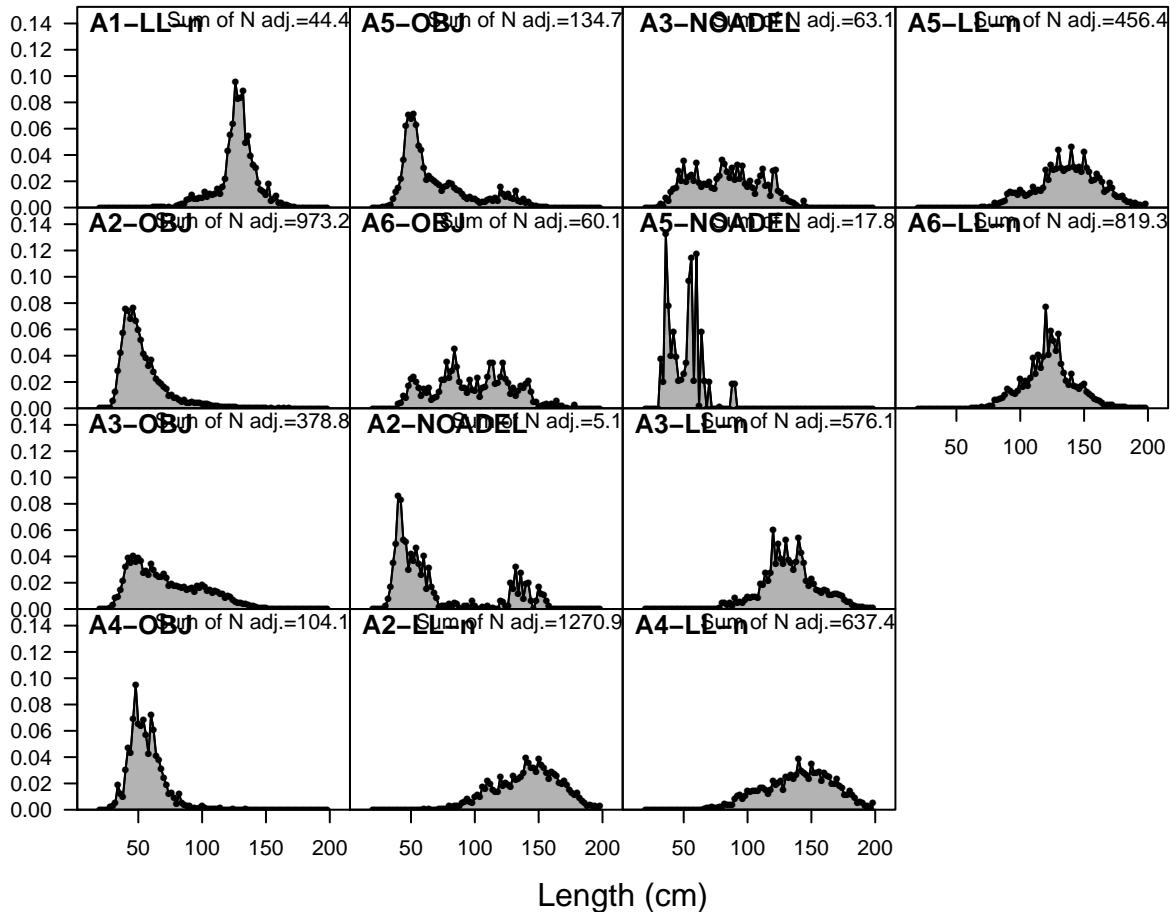


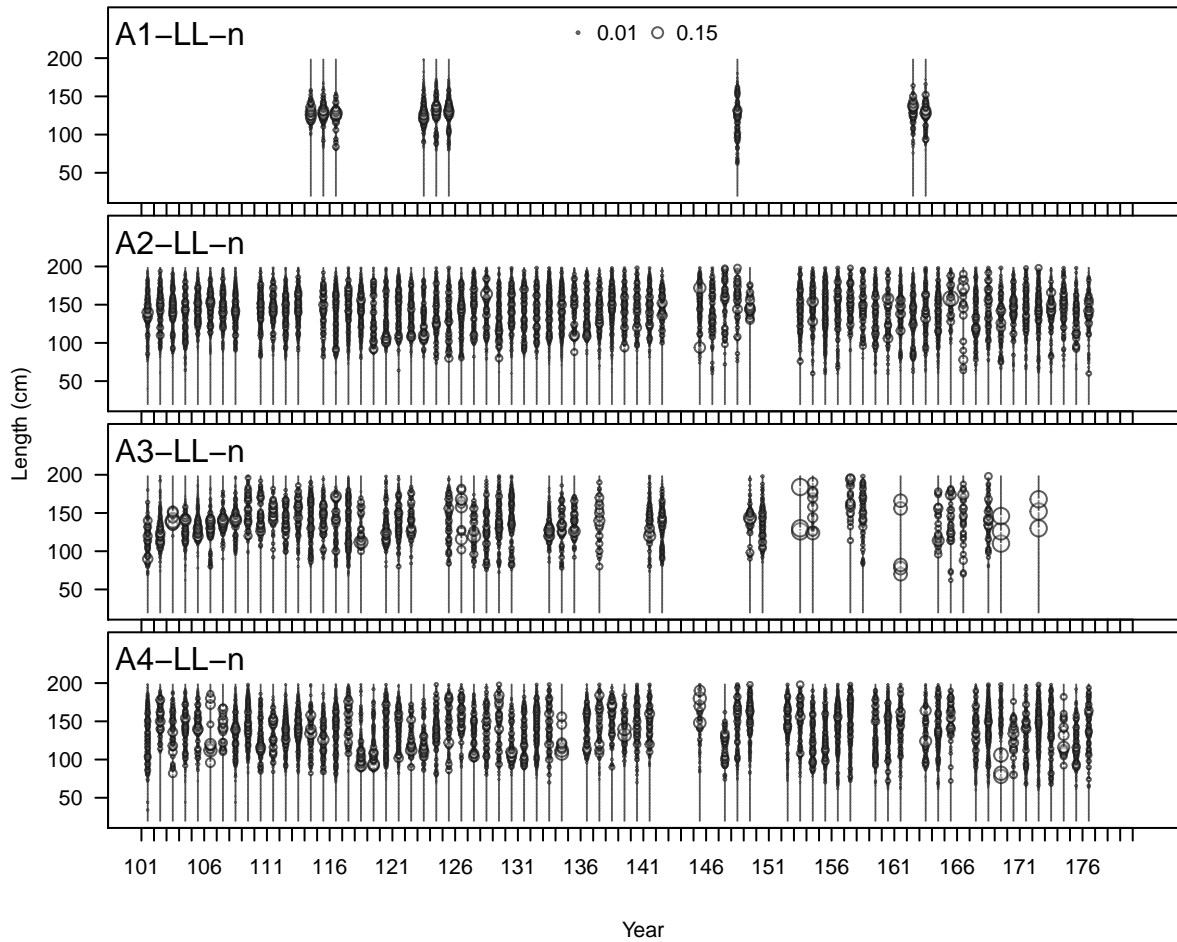


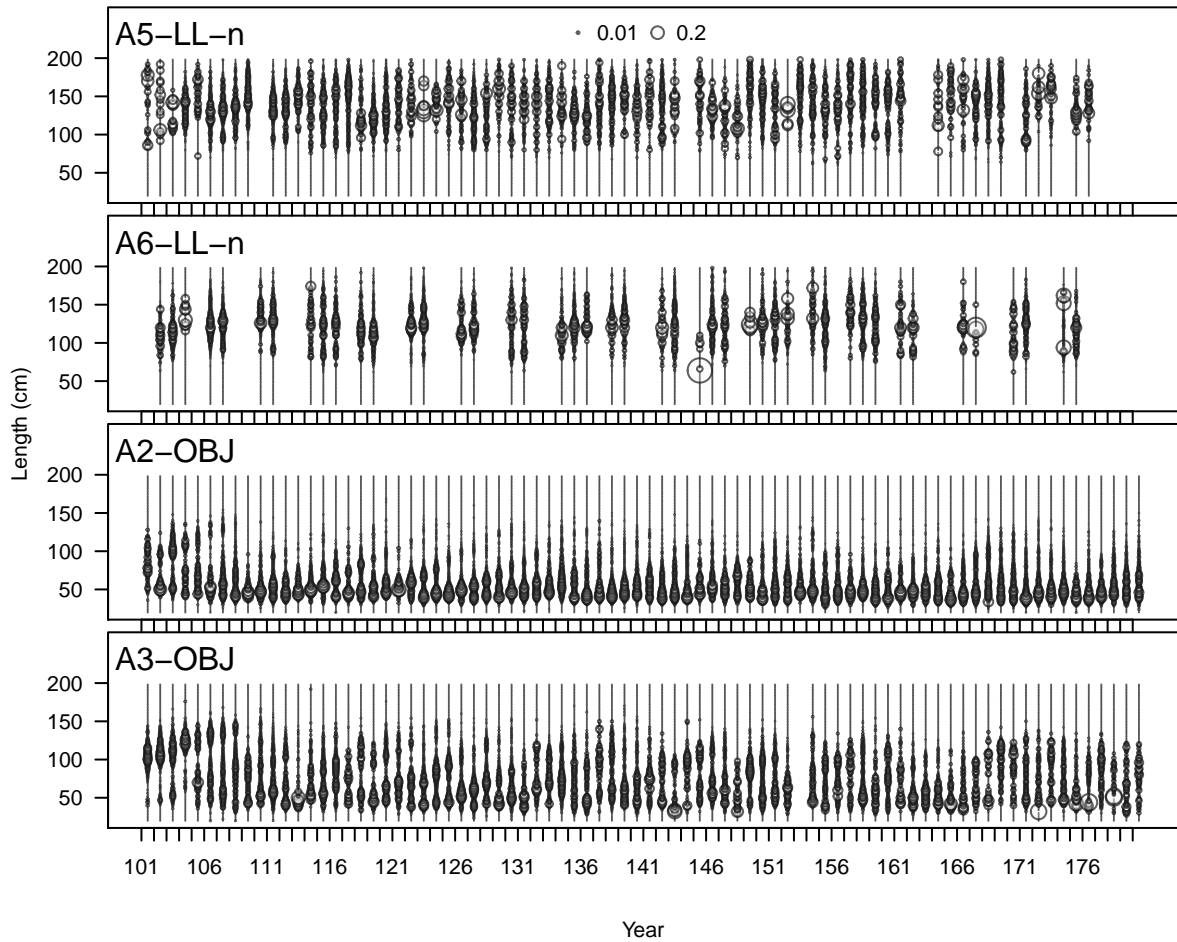
A5-NOADEL (whole catch)

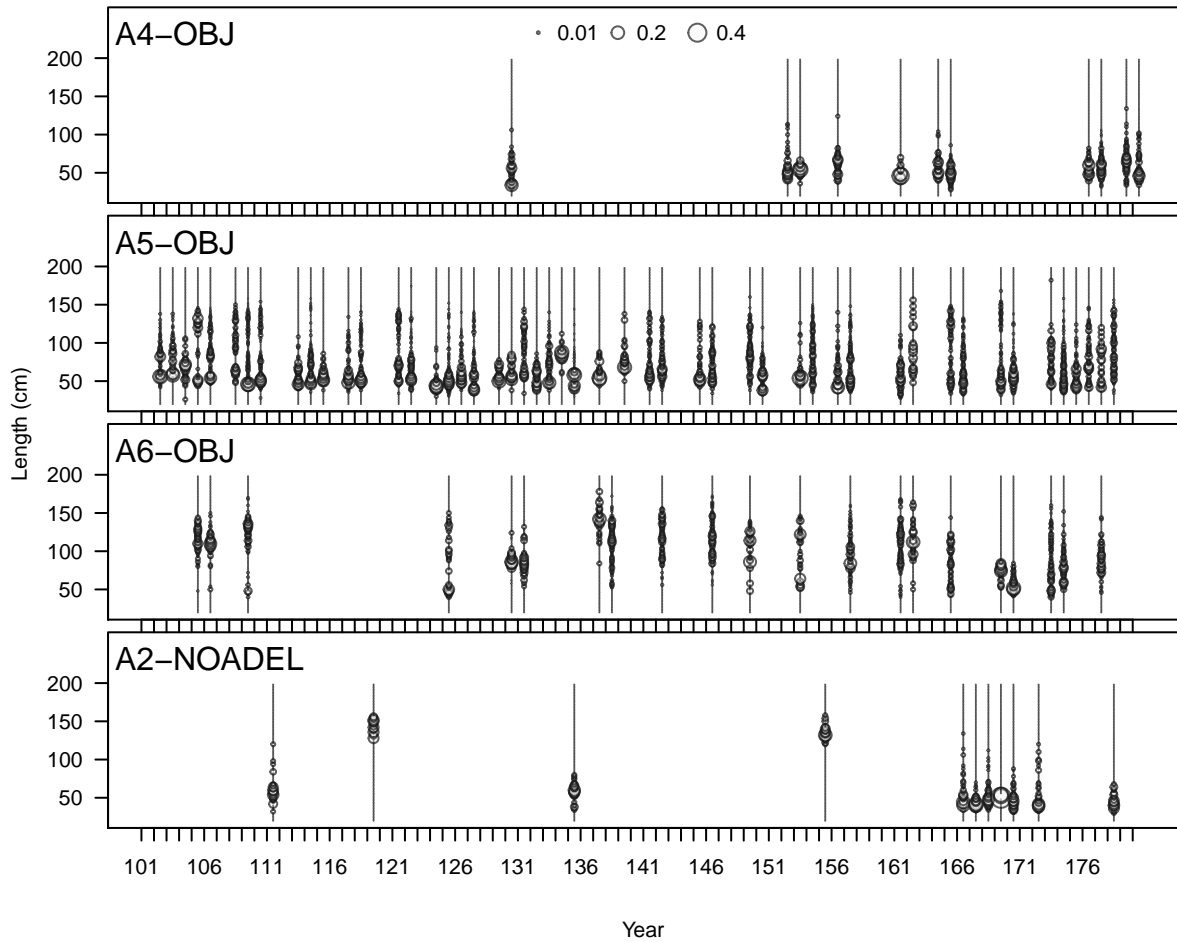


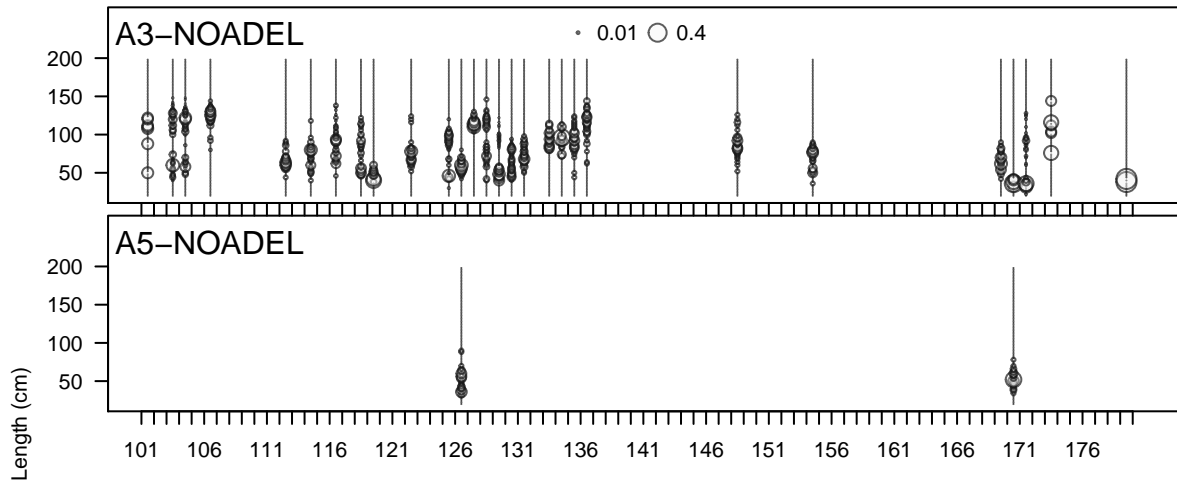
Proportion

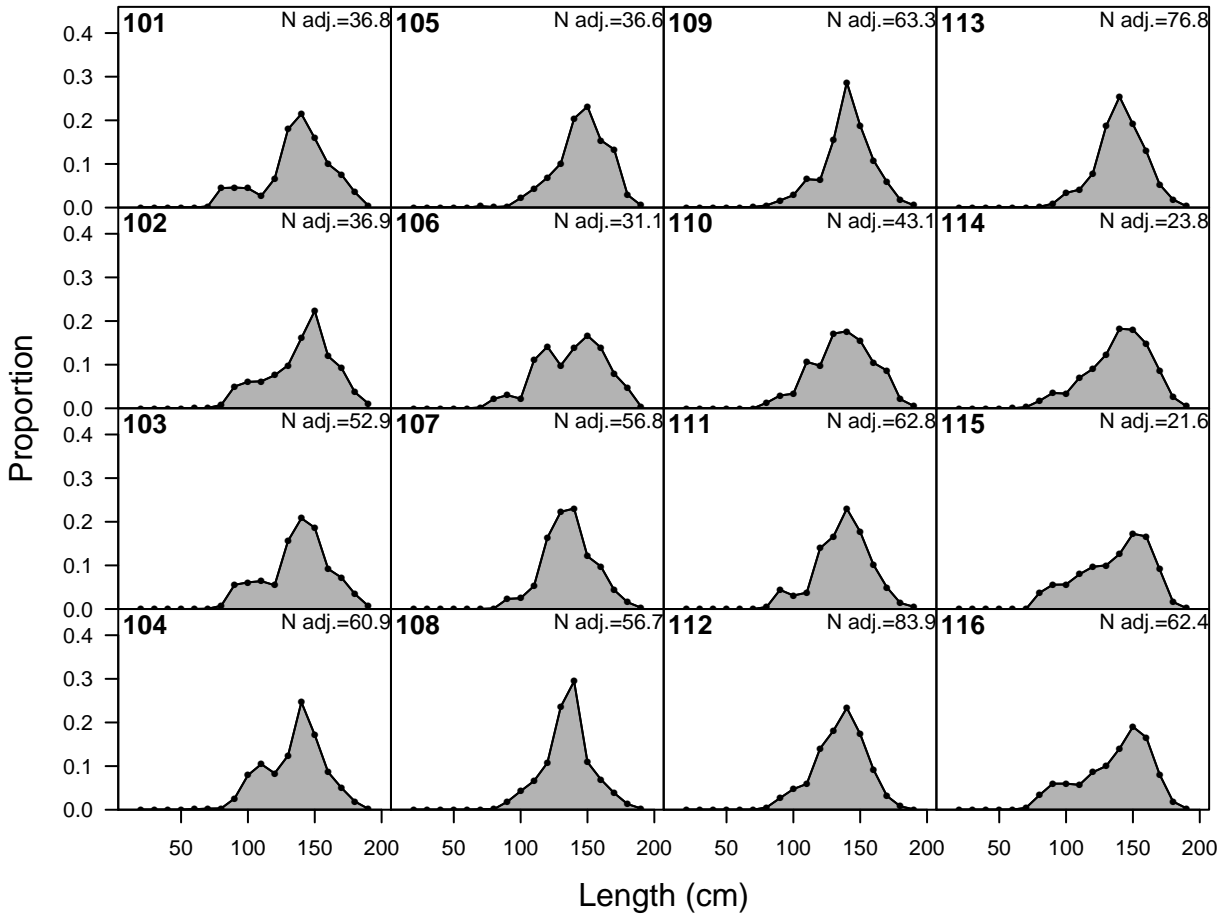


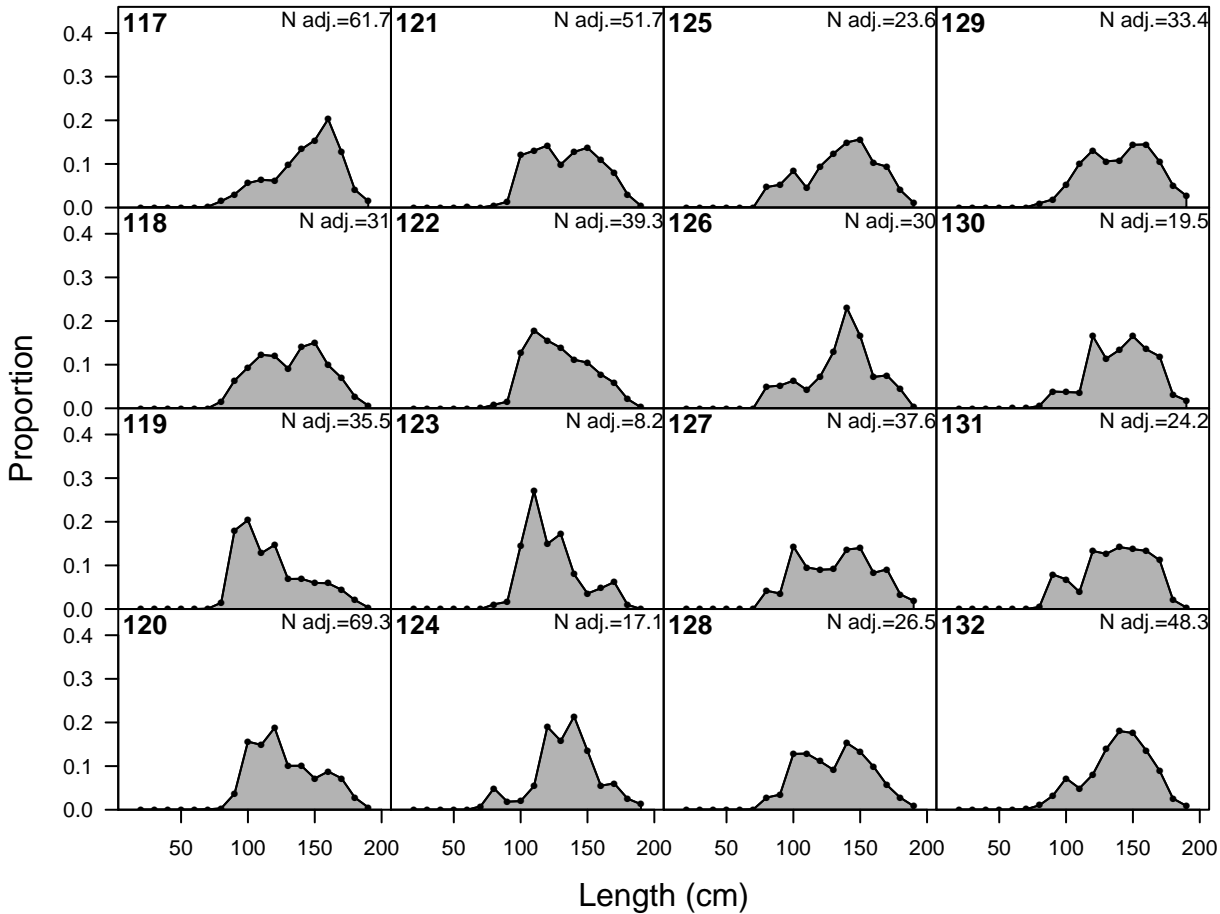




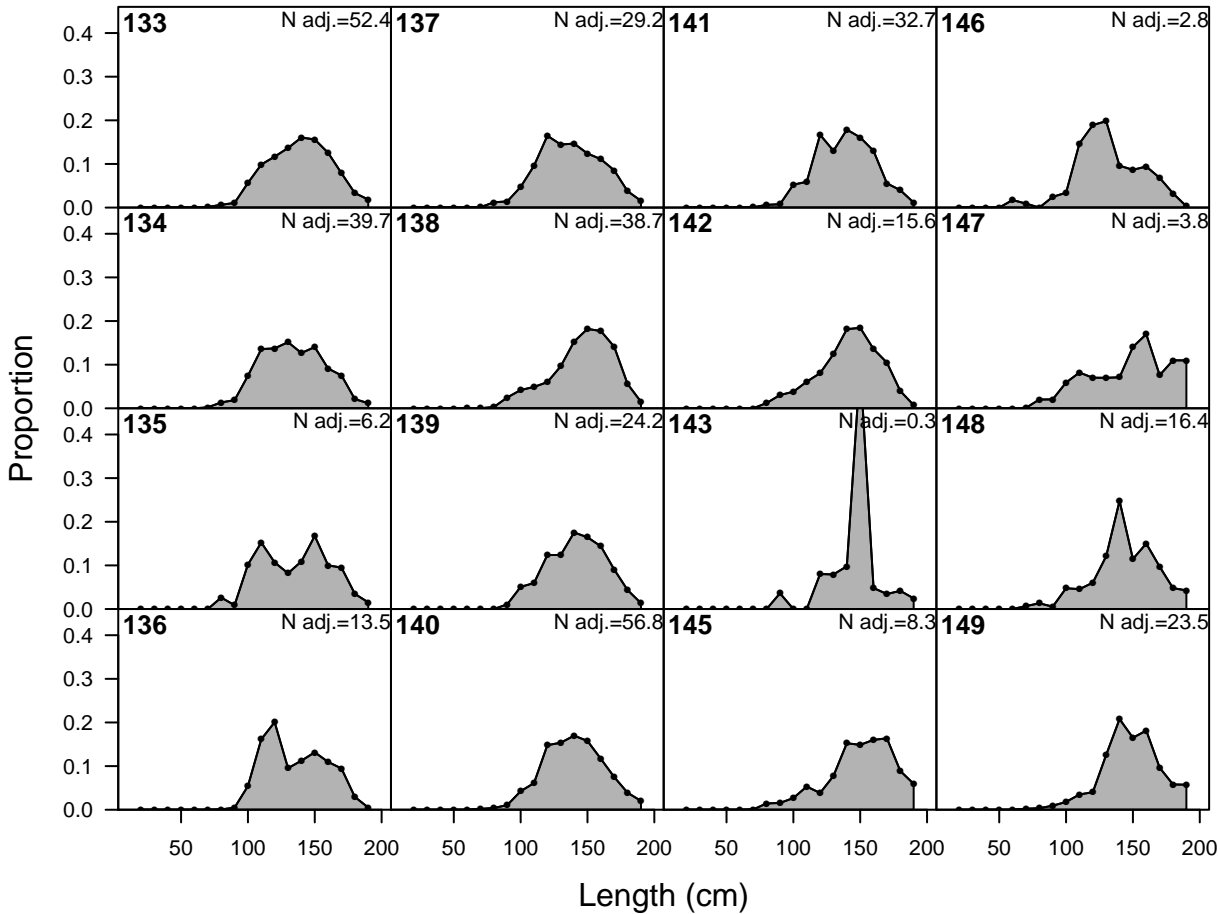


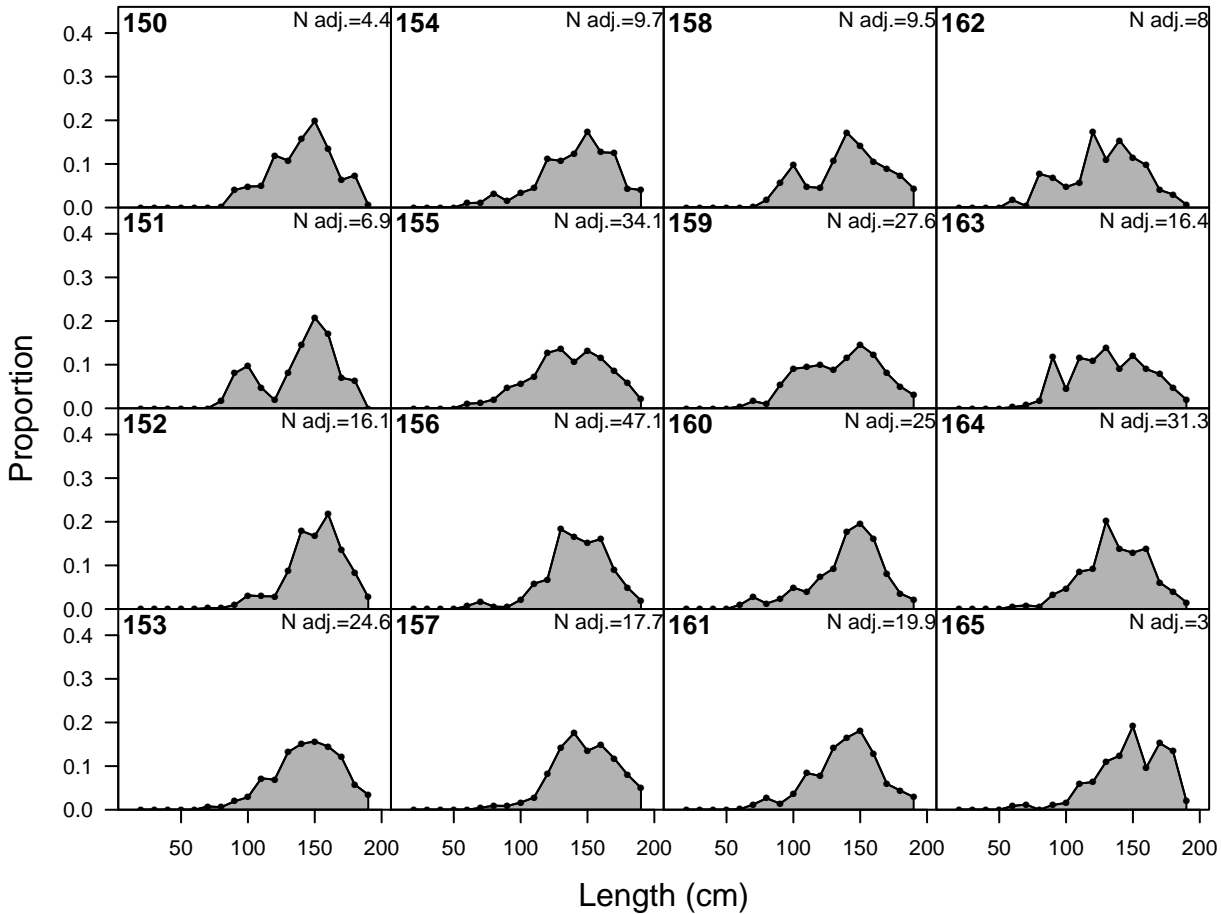


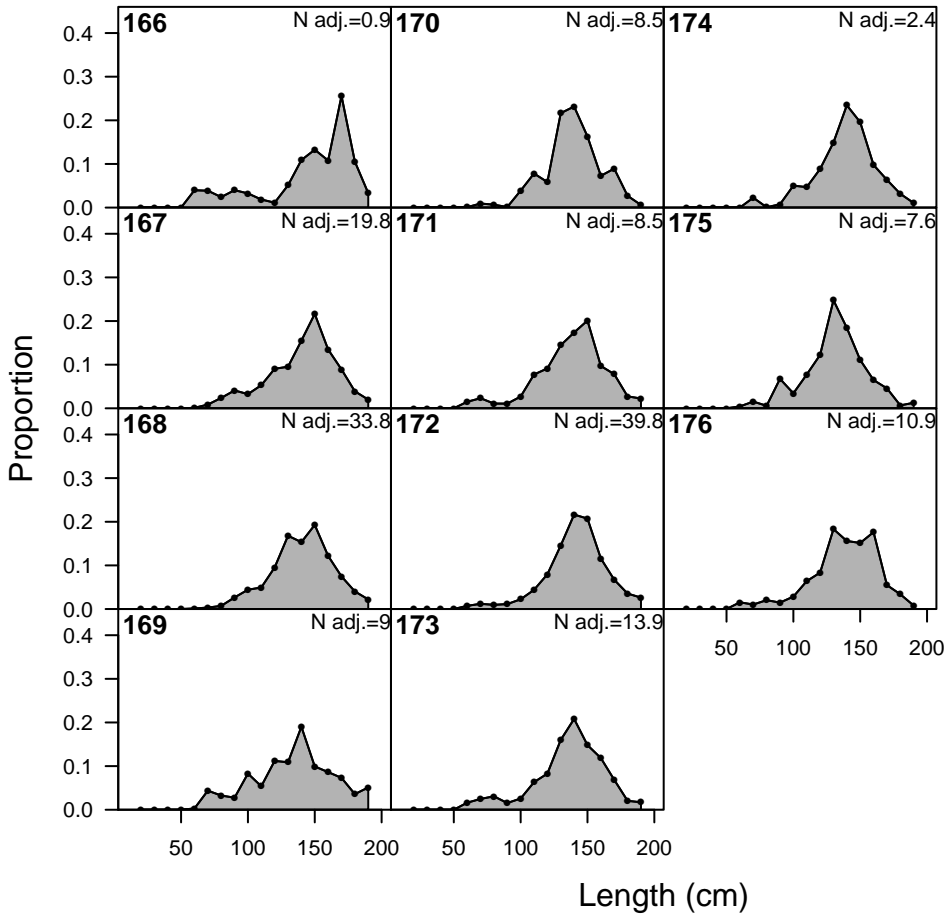


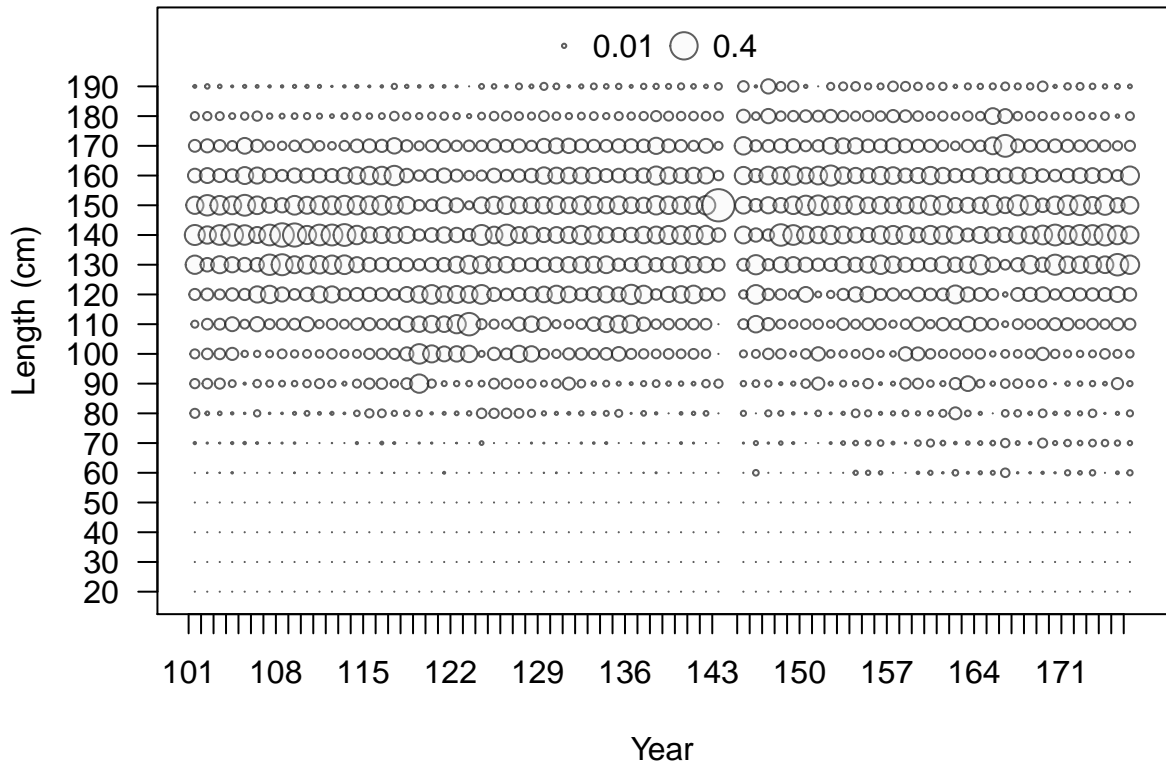




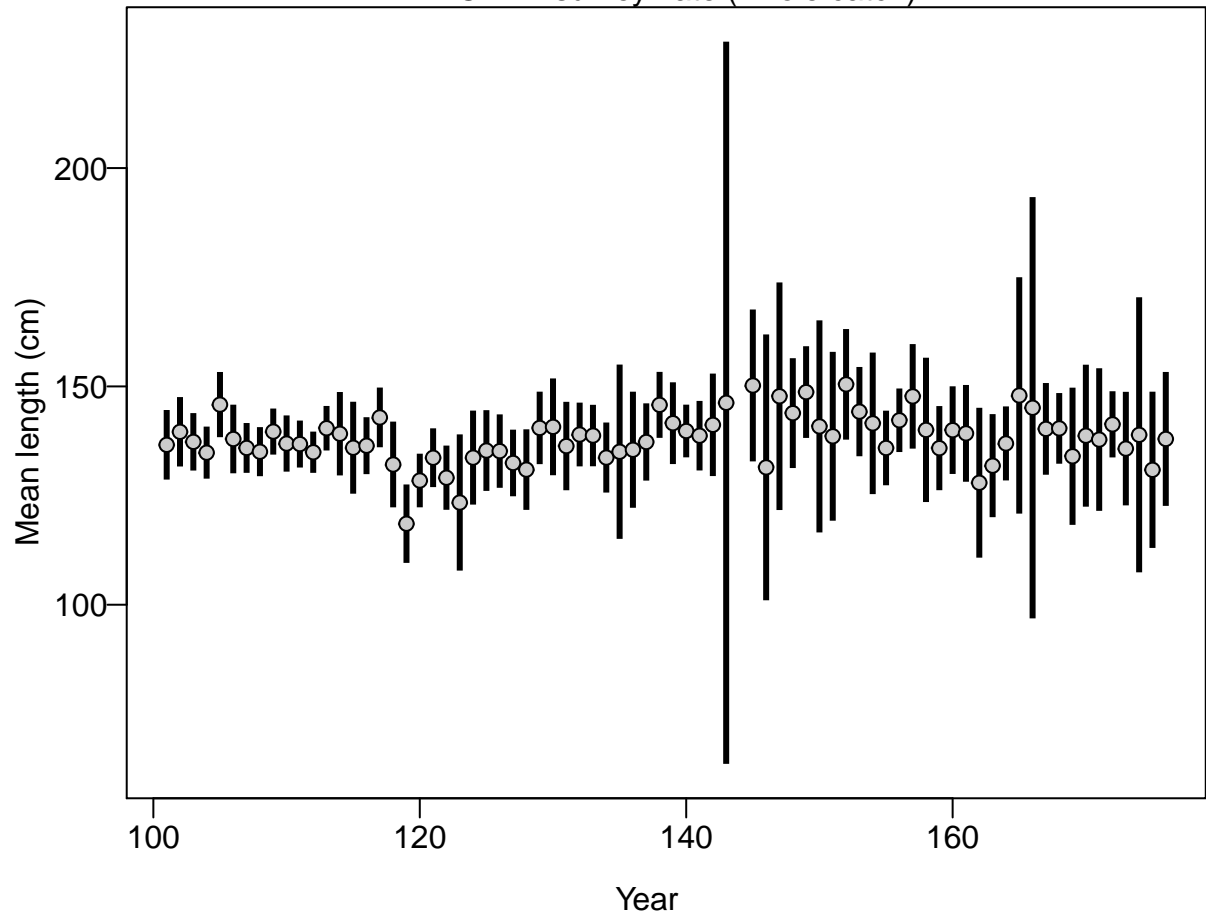








EPO-LL-survey-late (whole catch)



**EPO-LL-survey-late**

Sum of N adj.=2184.1

Proportion

0.20  
0.15  
0.10  
0.05  
0.00

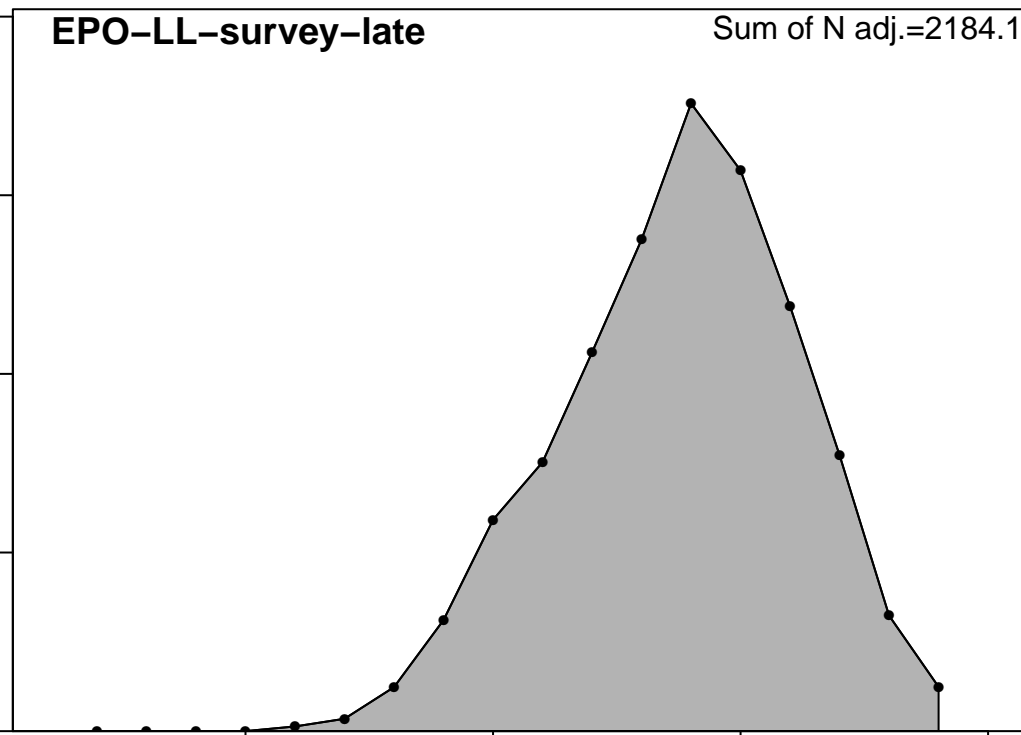
50

100

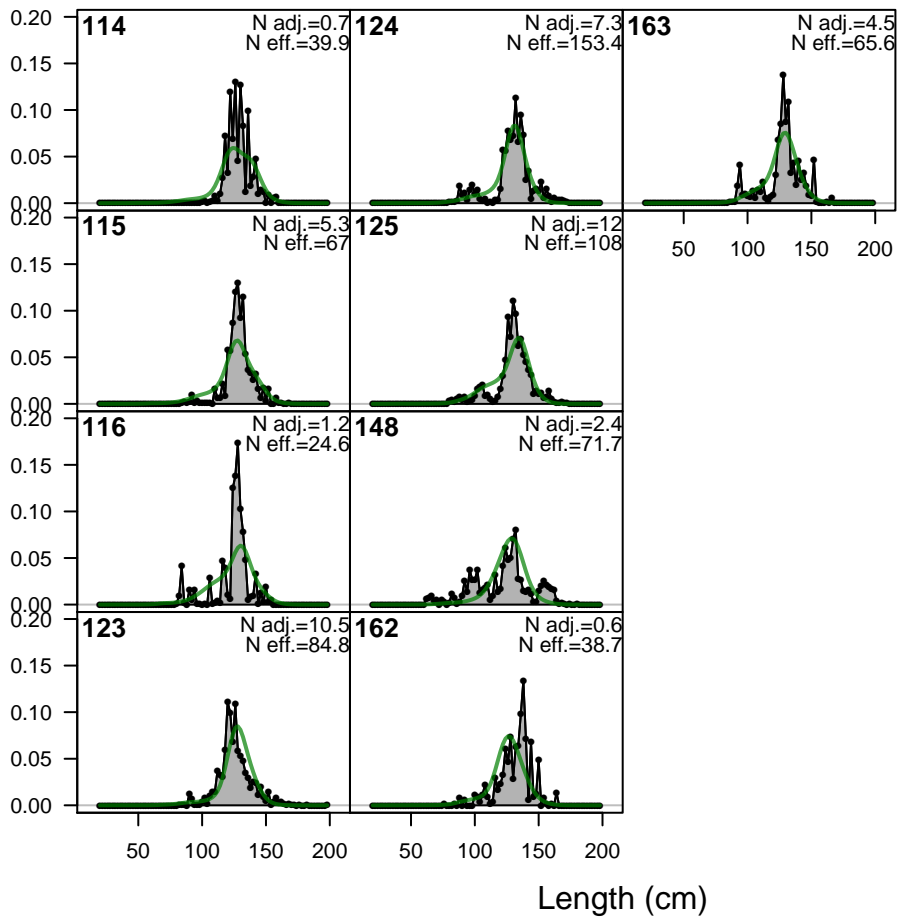
150

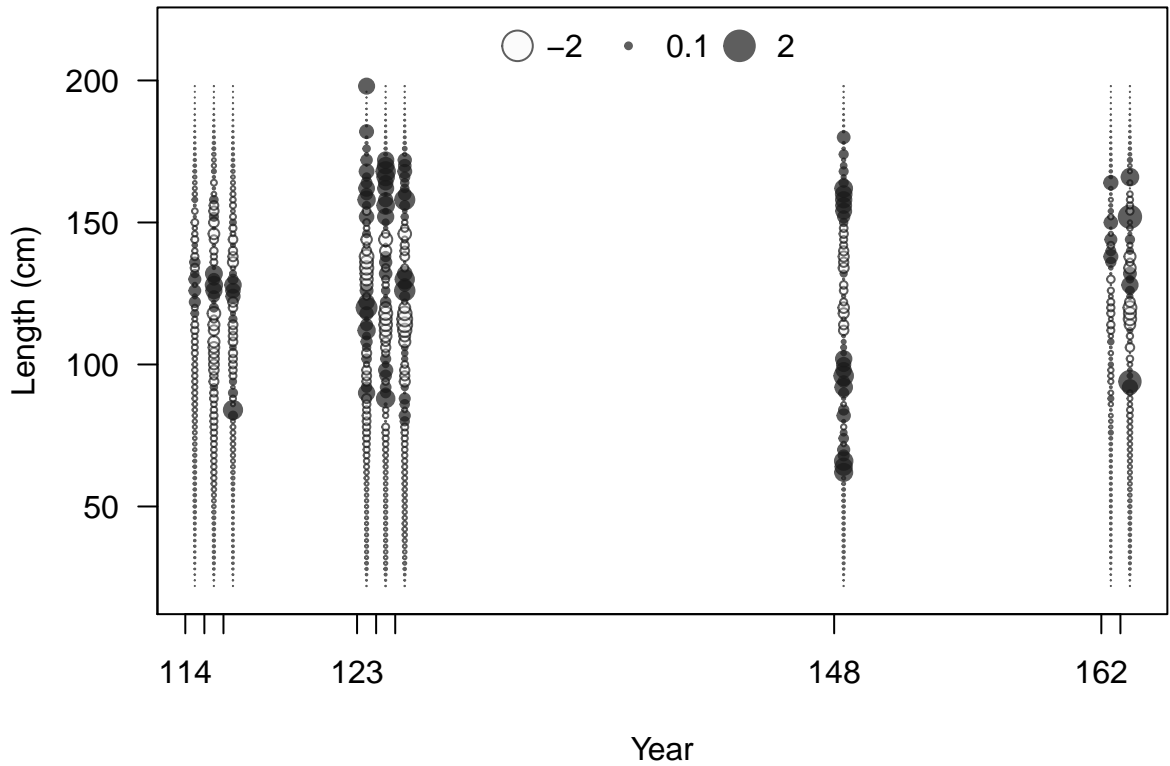
200

Length (cm)

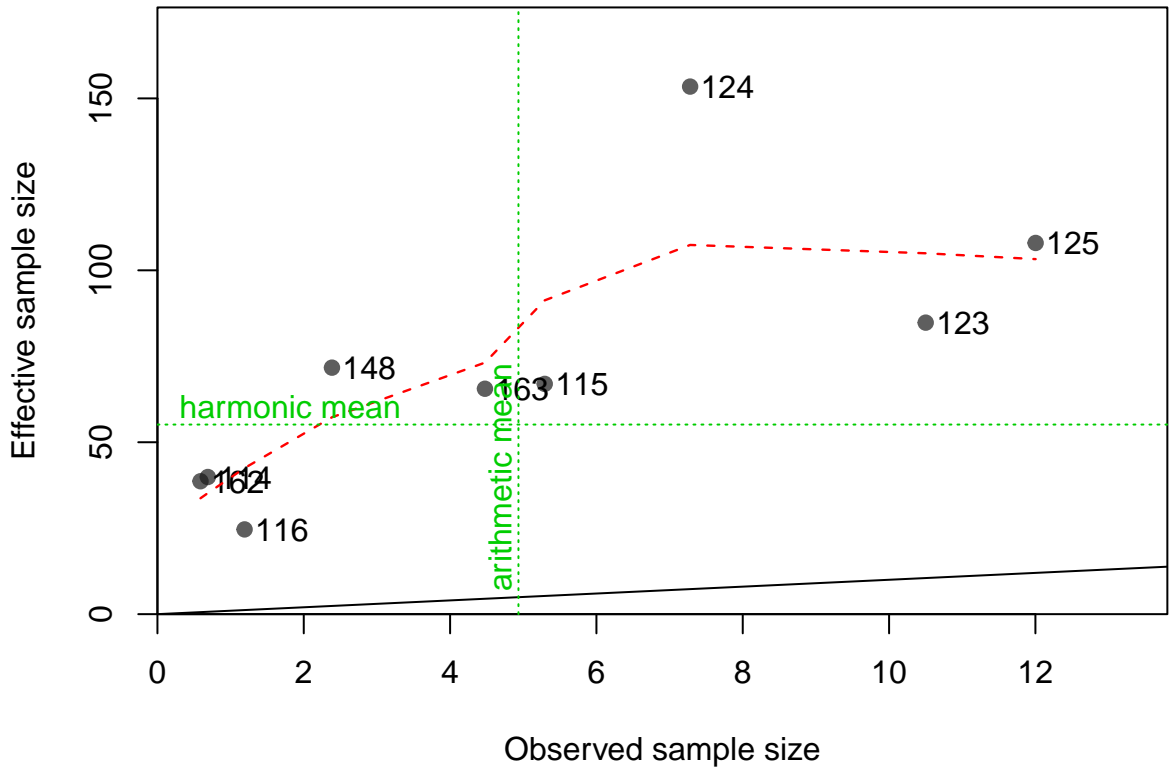


Proportion

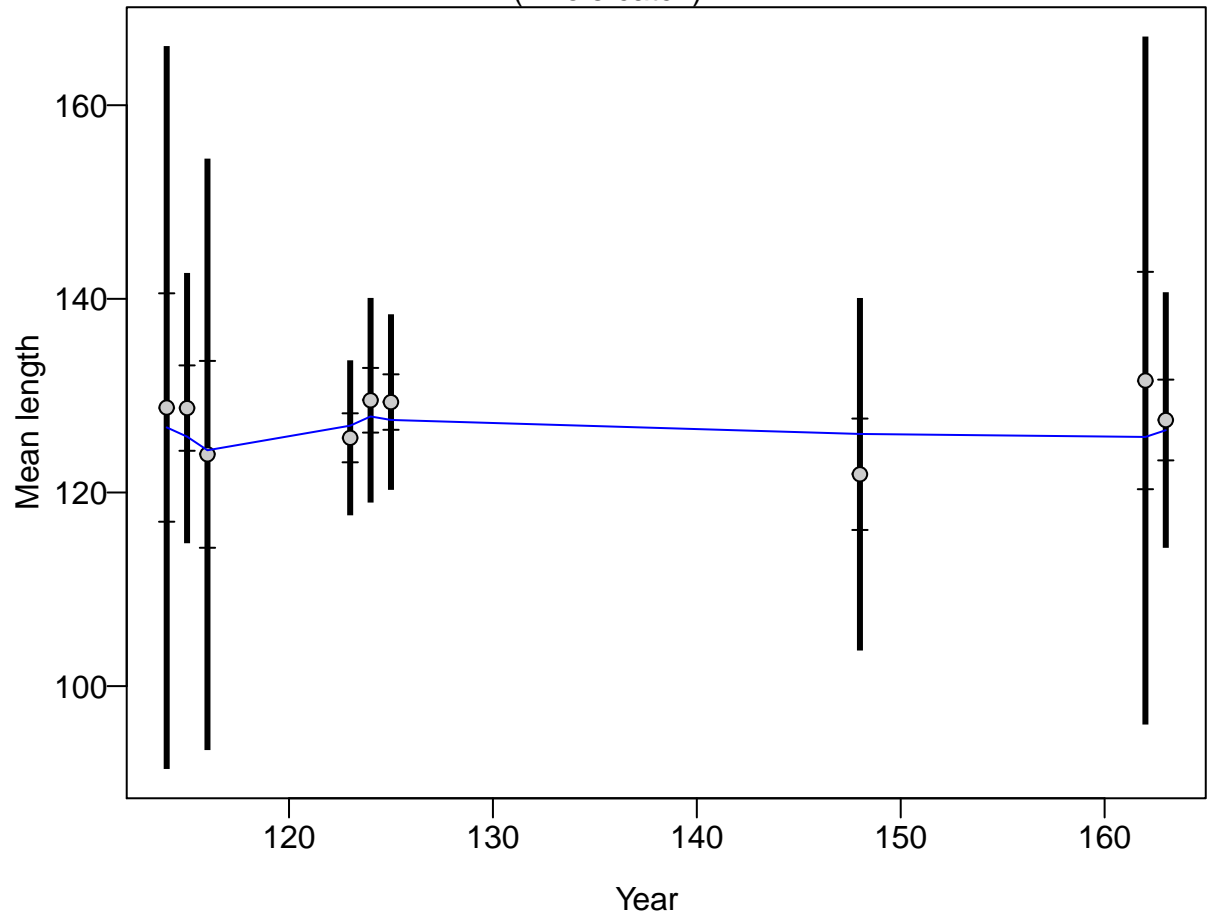




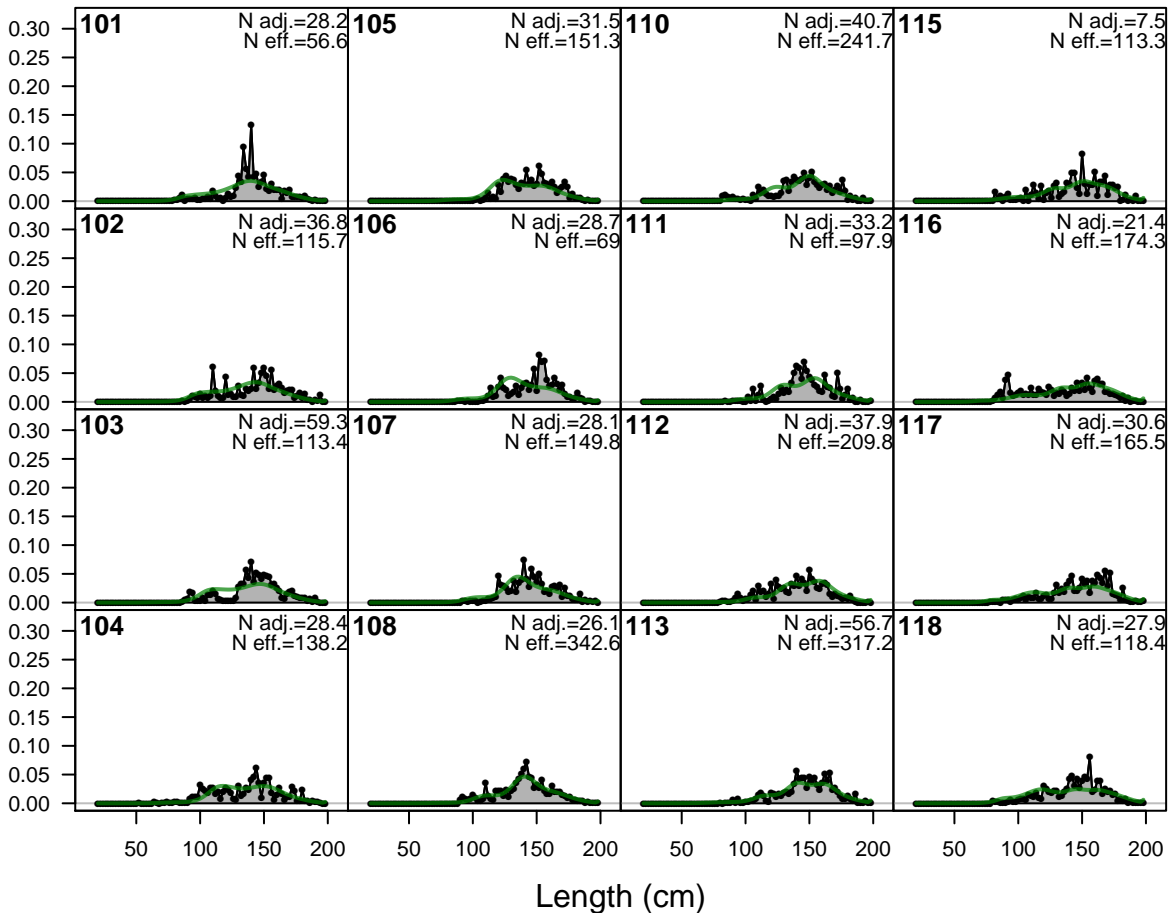




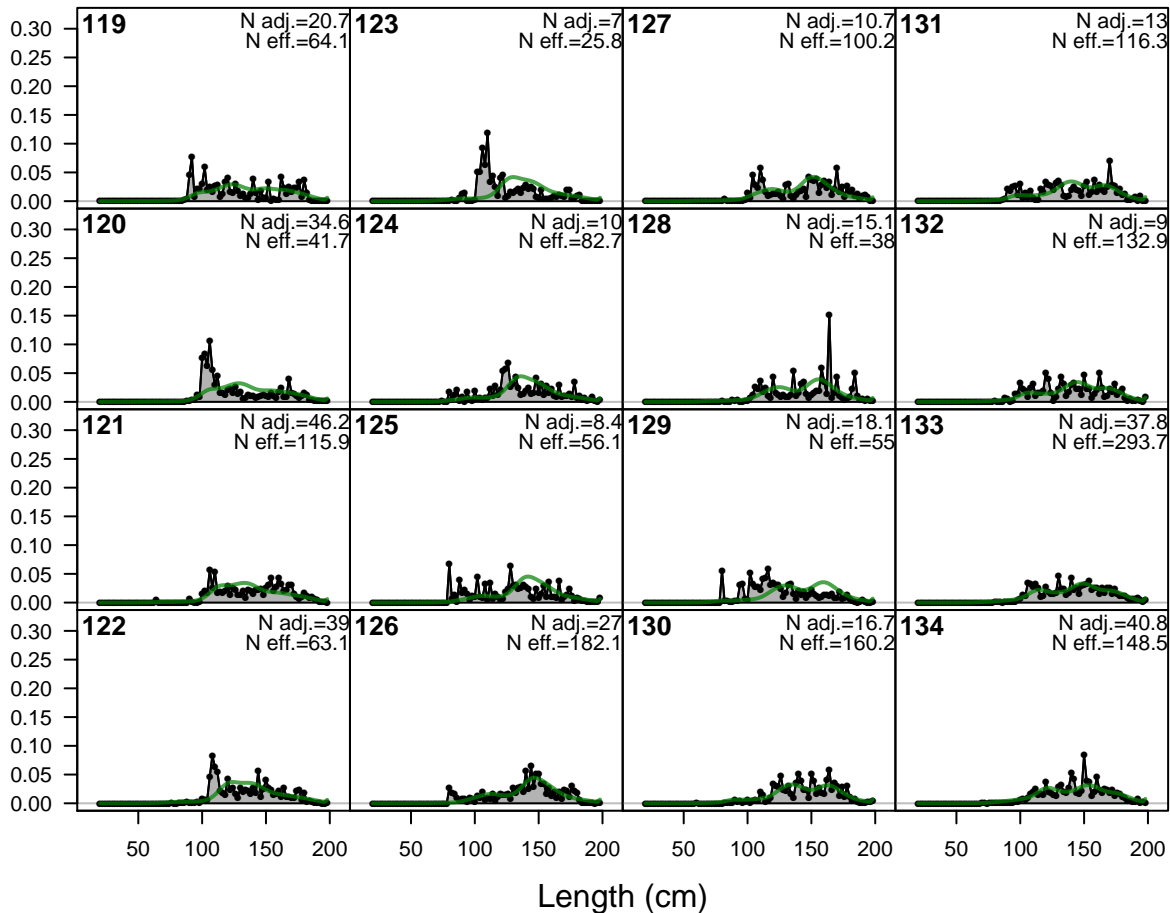
A1-LL-n (whole catch)



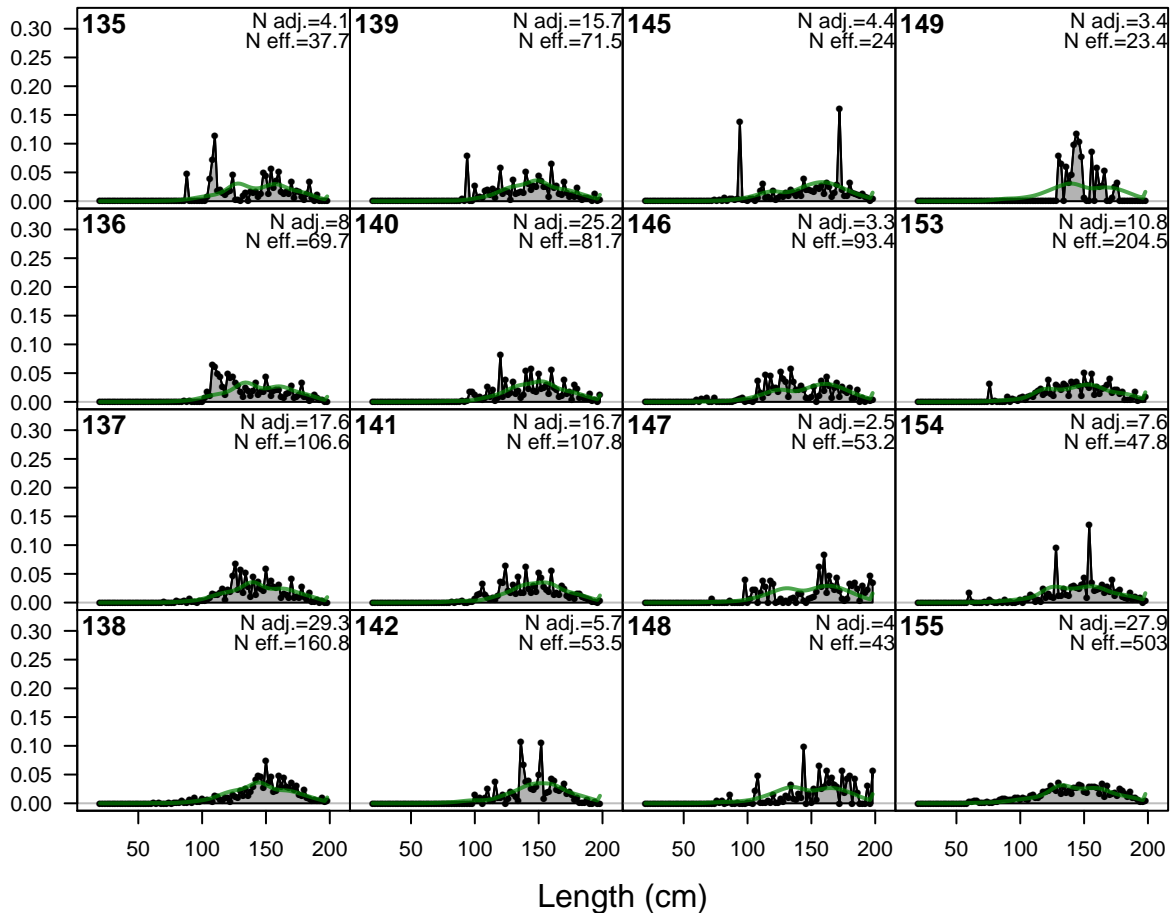
Proportion



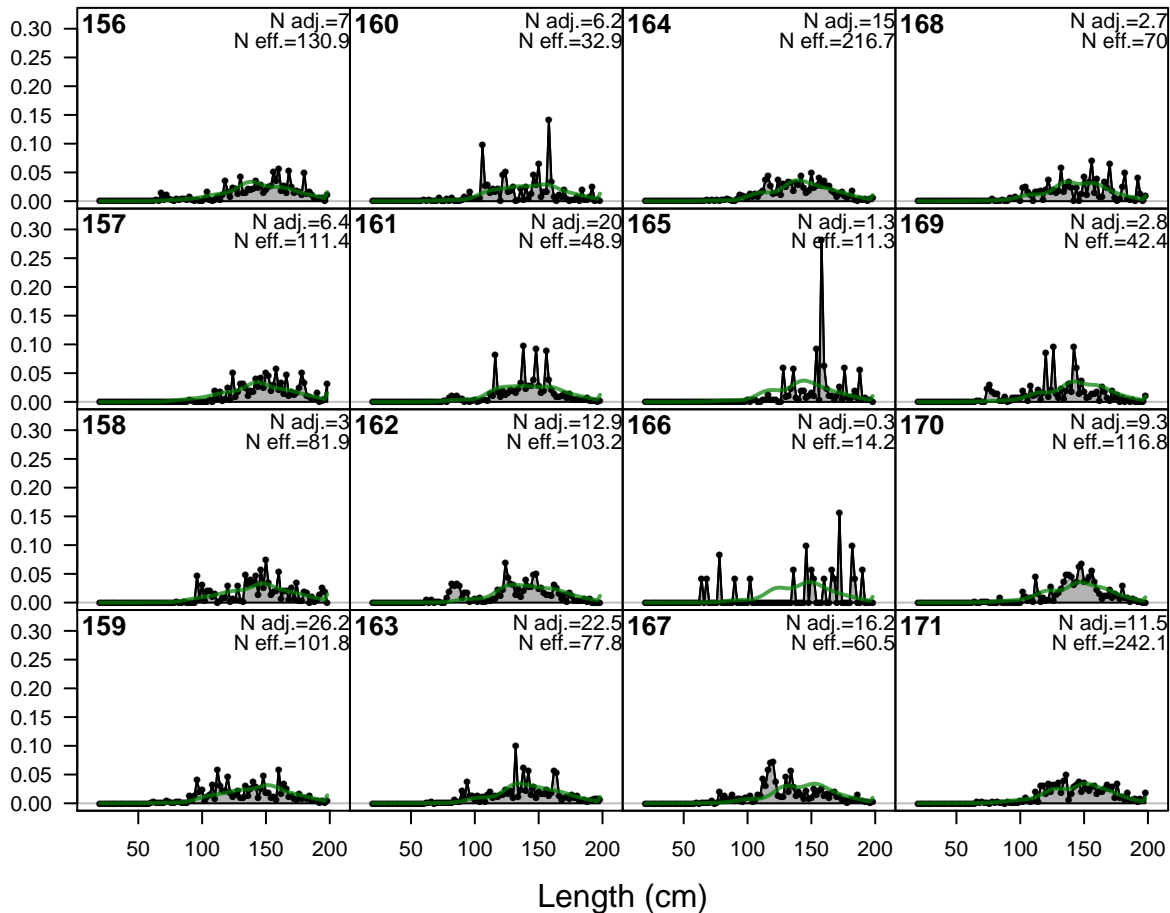
Proportion



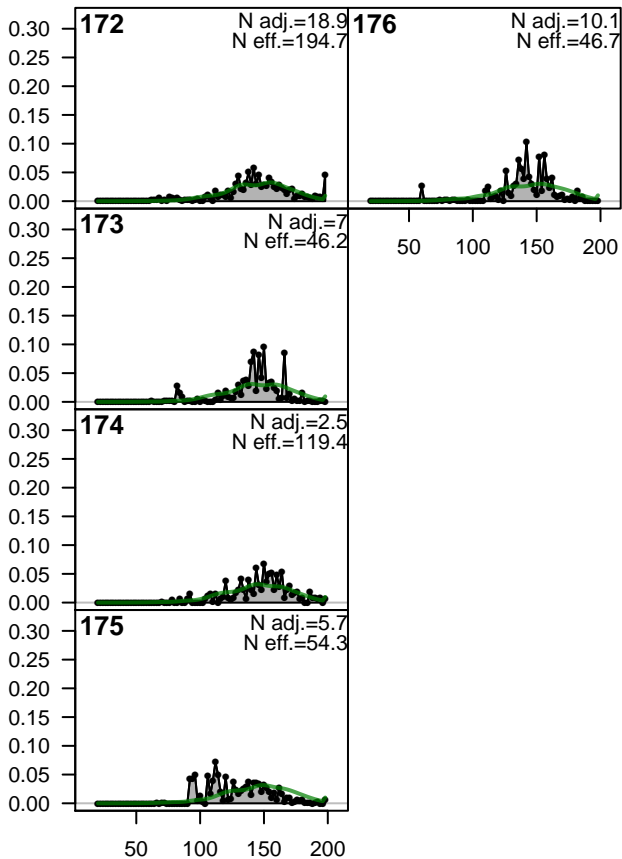
Proportion



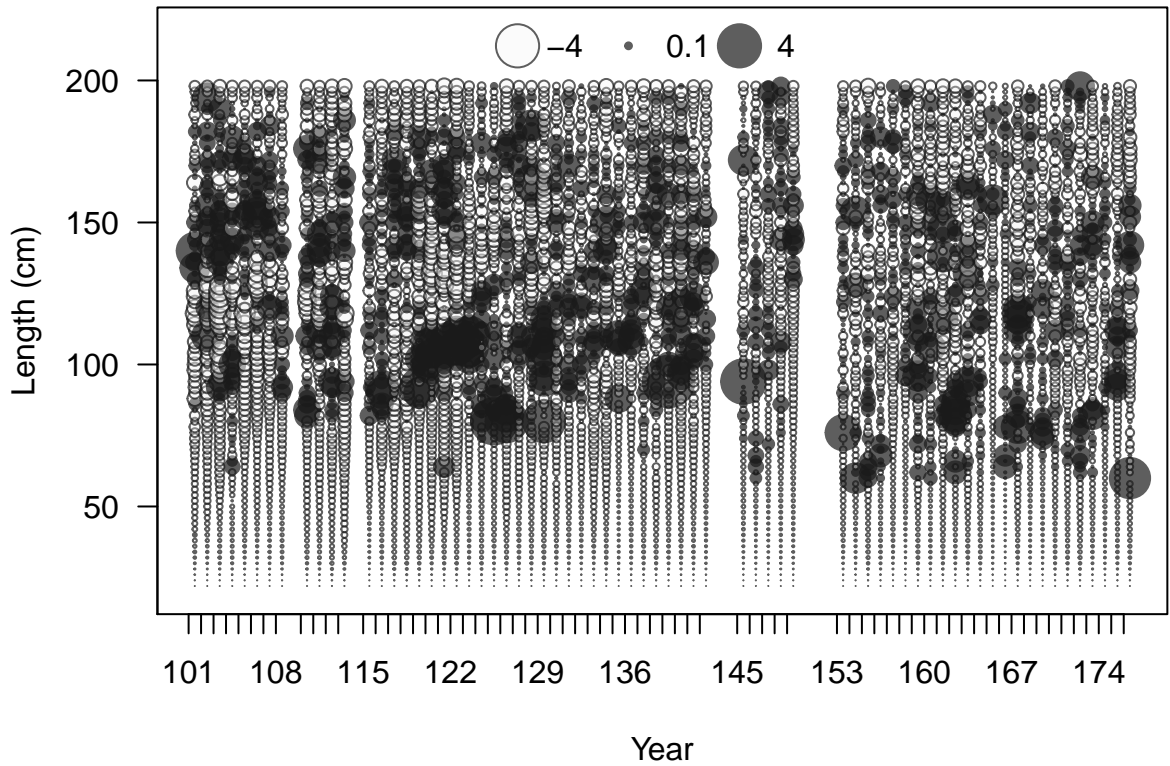
Proportion



Proportion

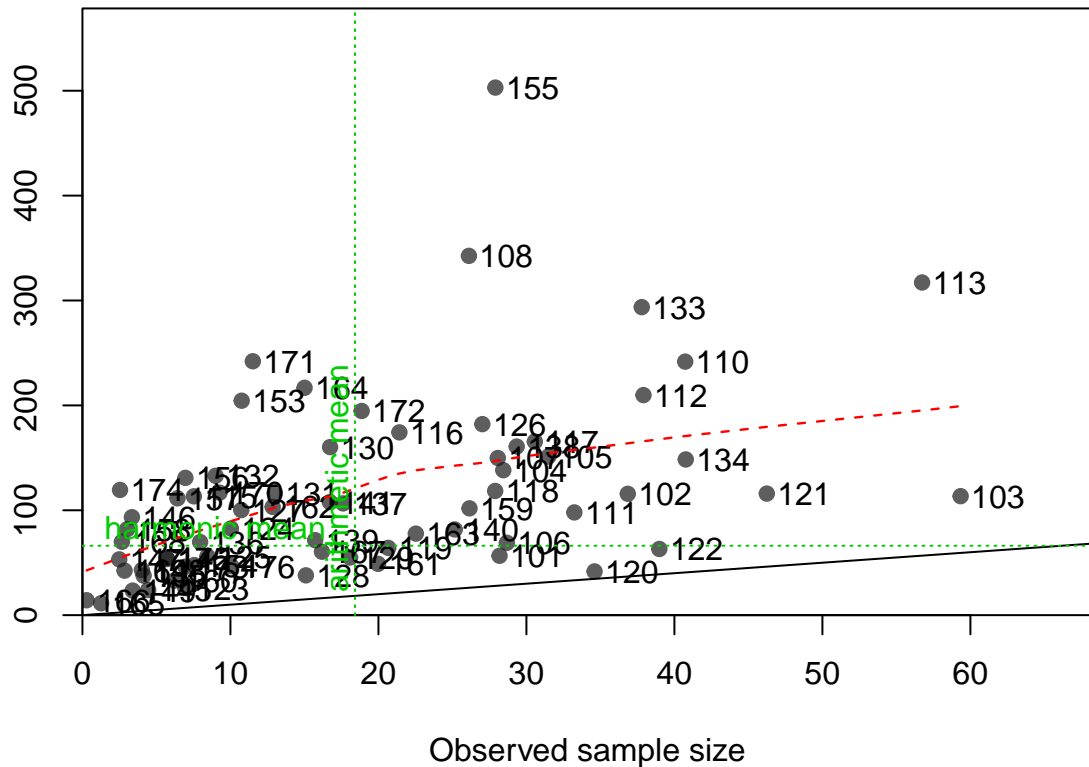


Length (cm)

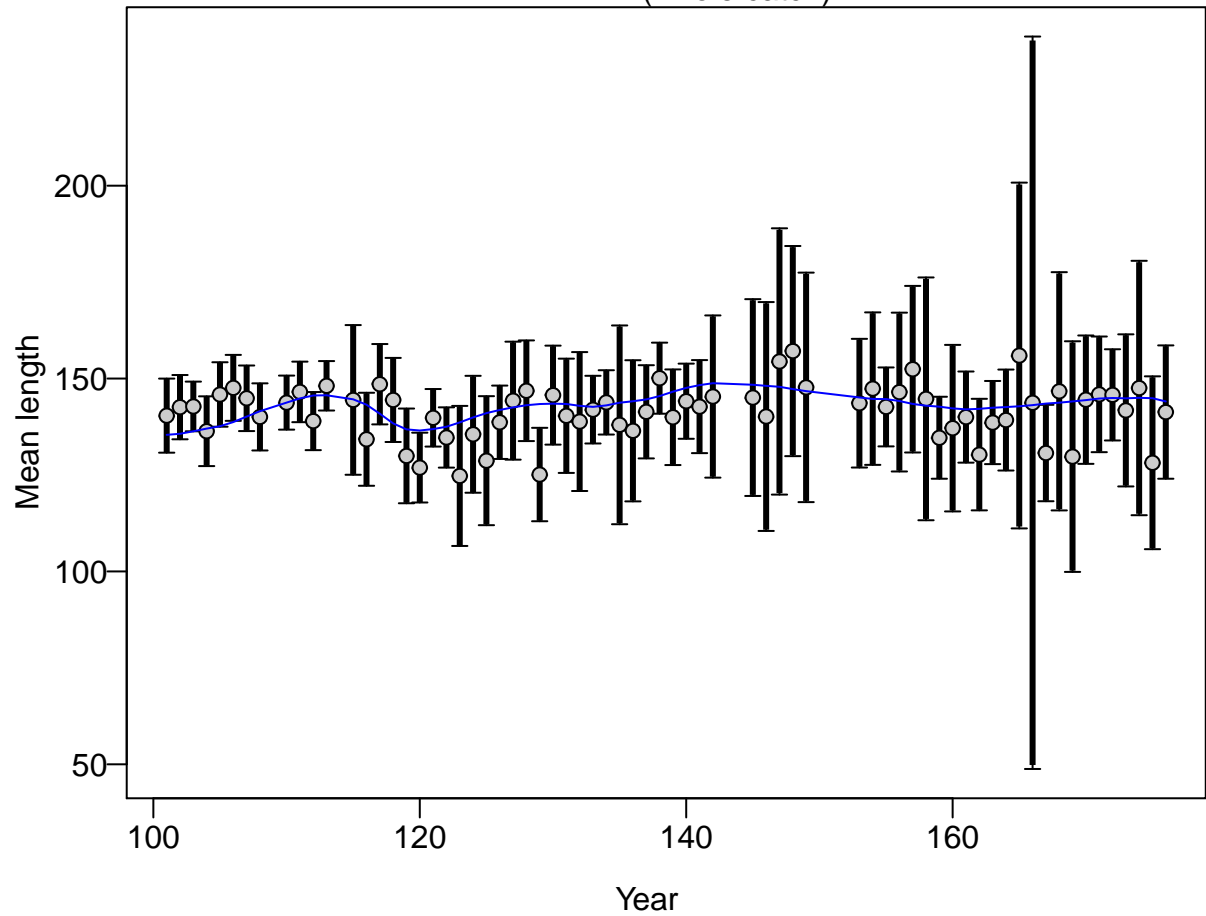




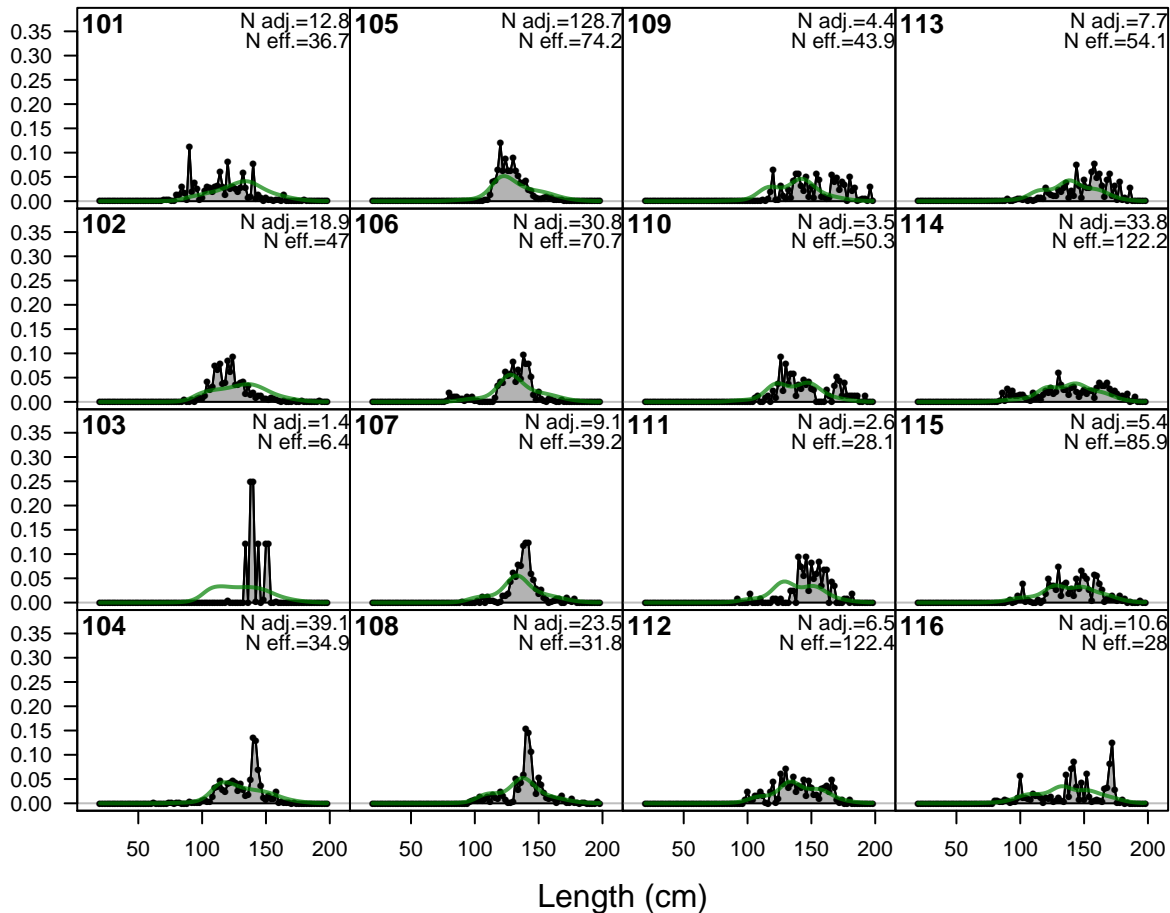
Effective sample size



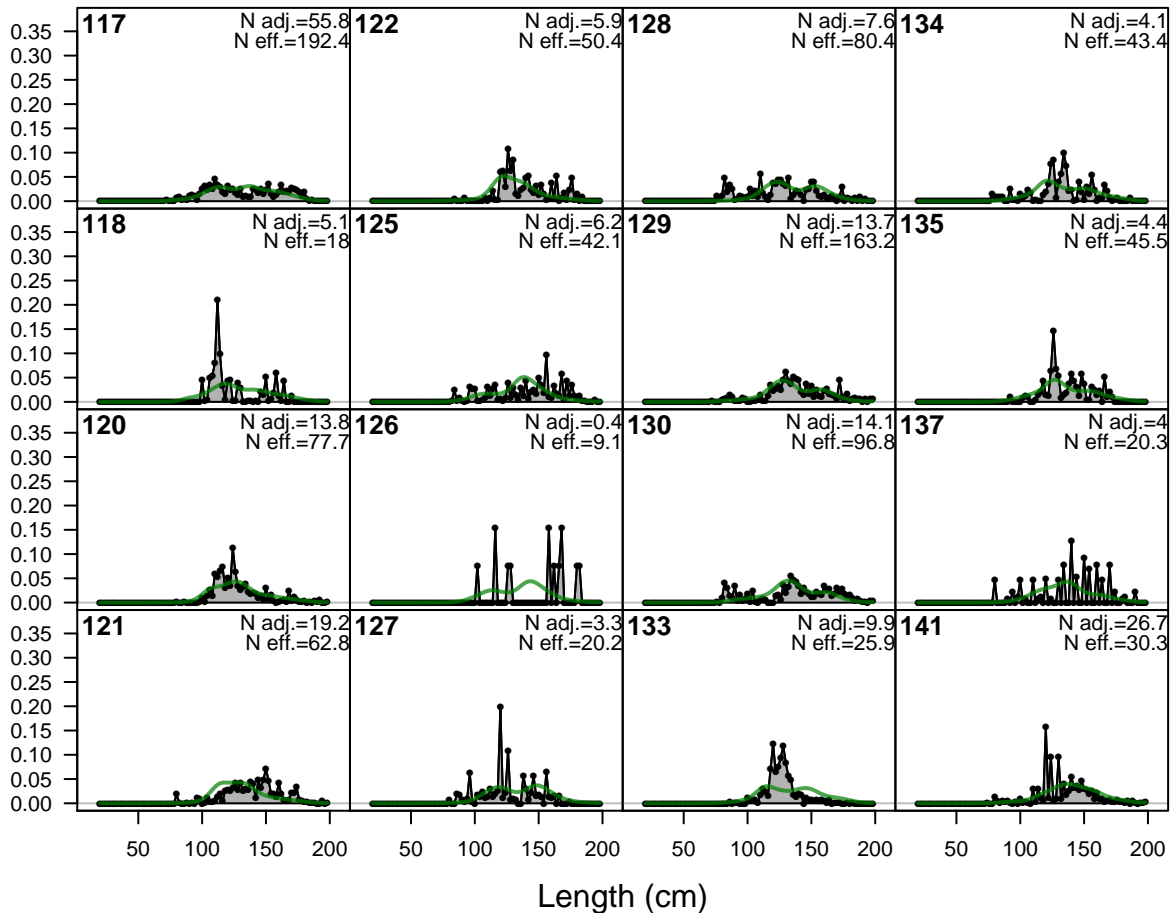
A2-LL-n (whole catch)



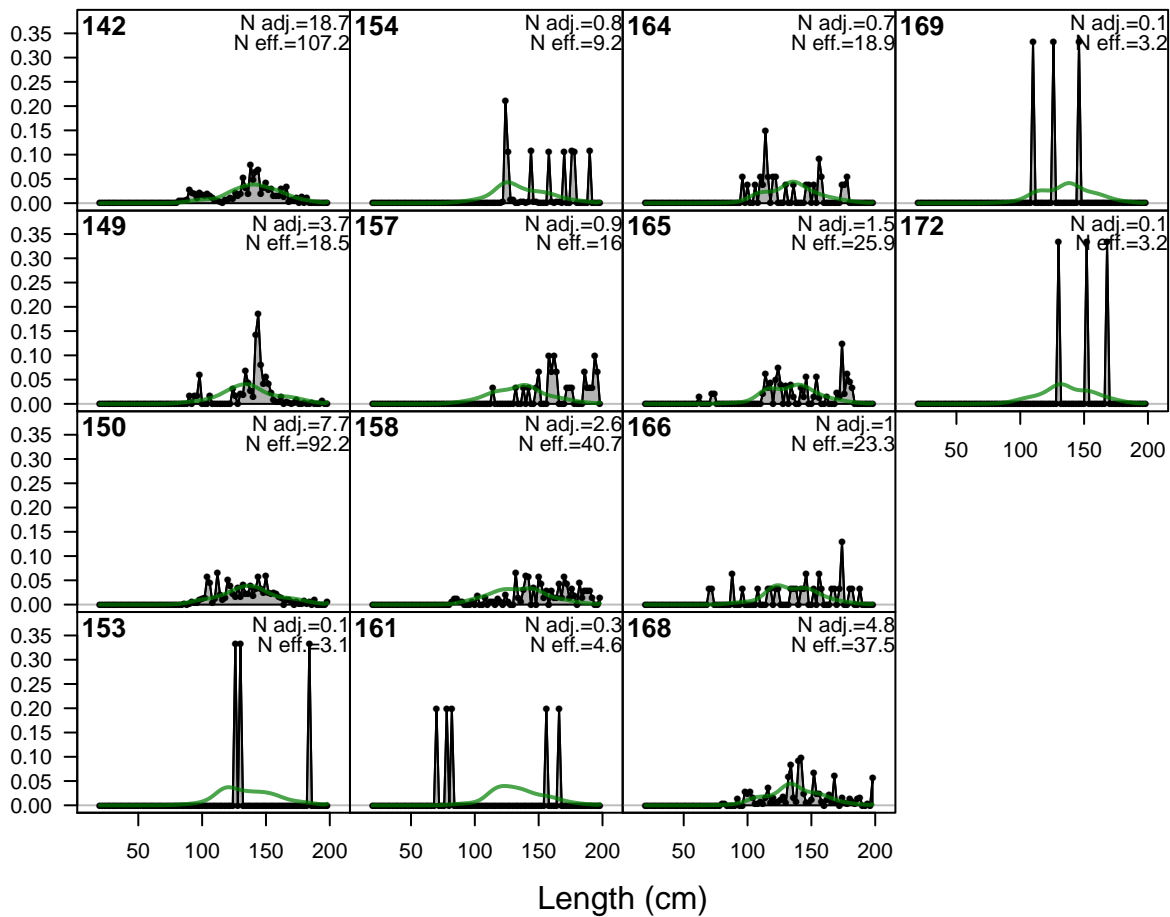
Proportion

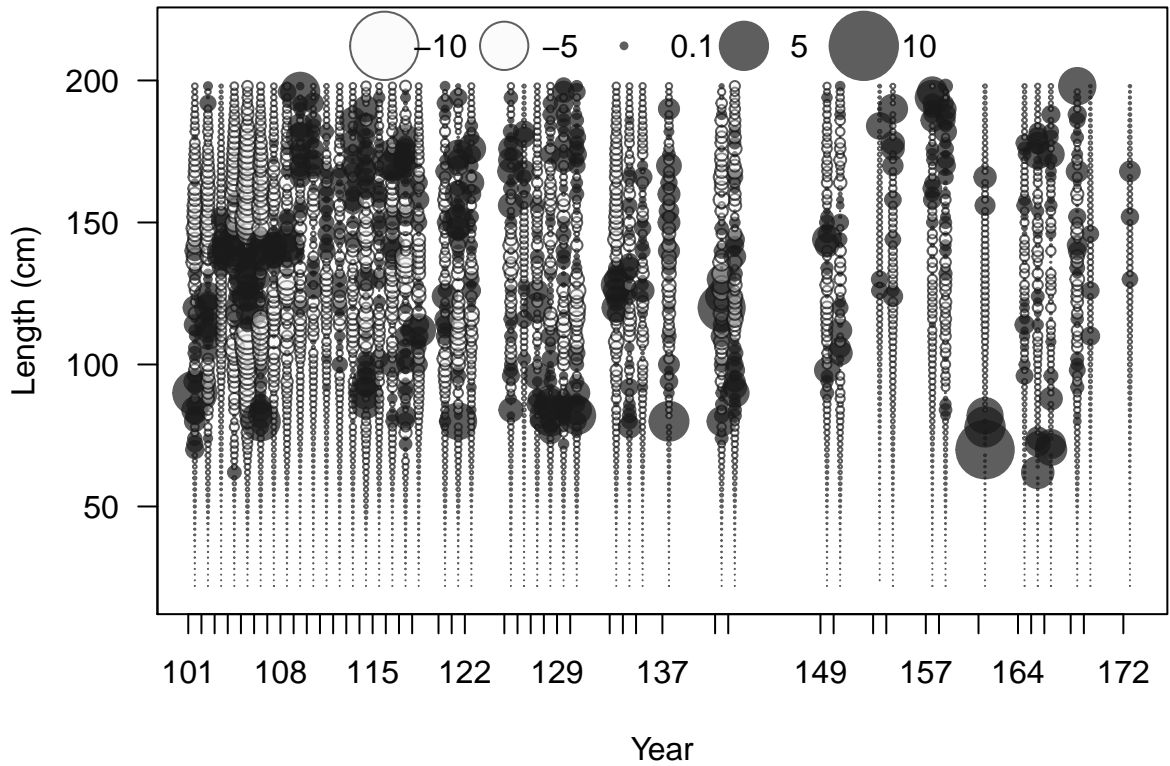


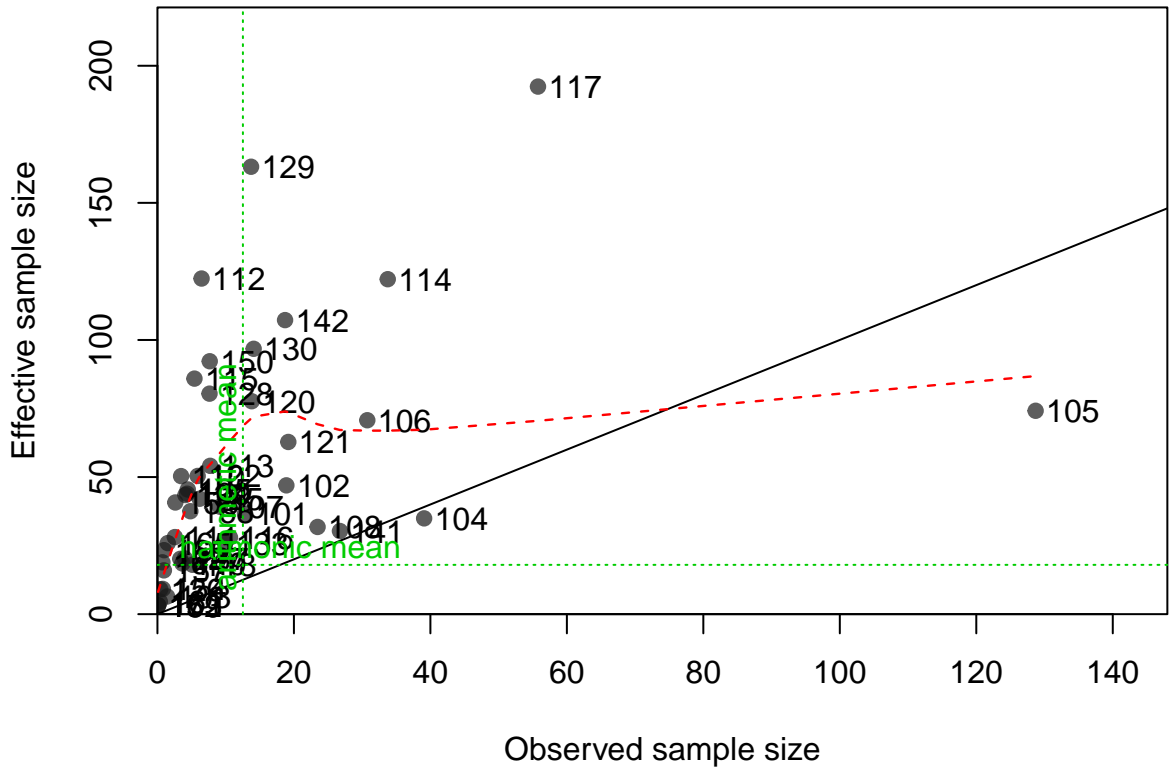
Proportion



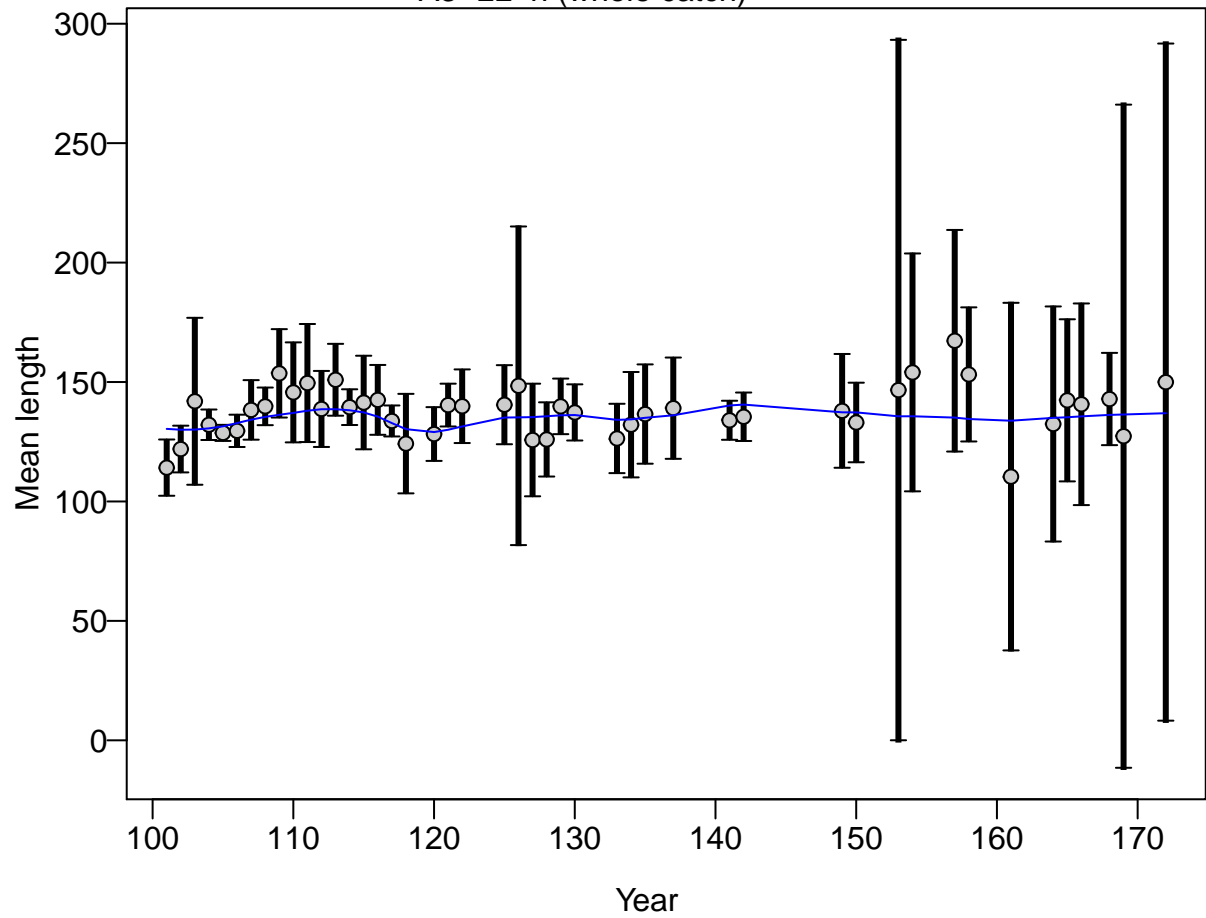
Proportion





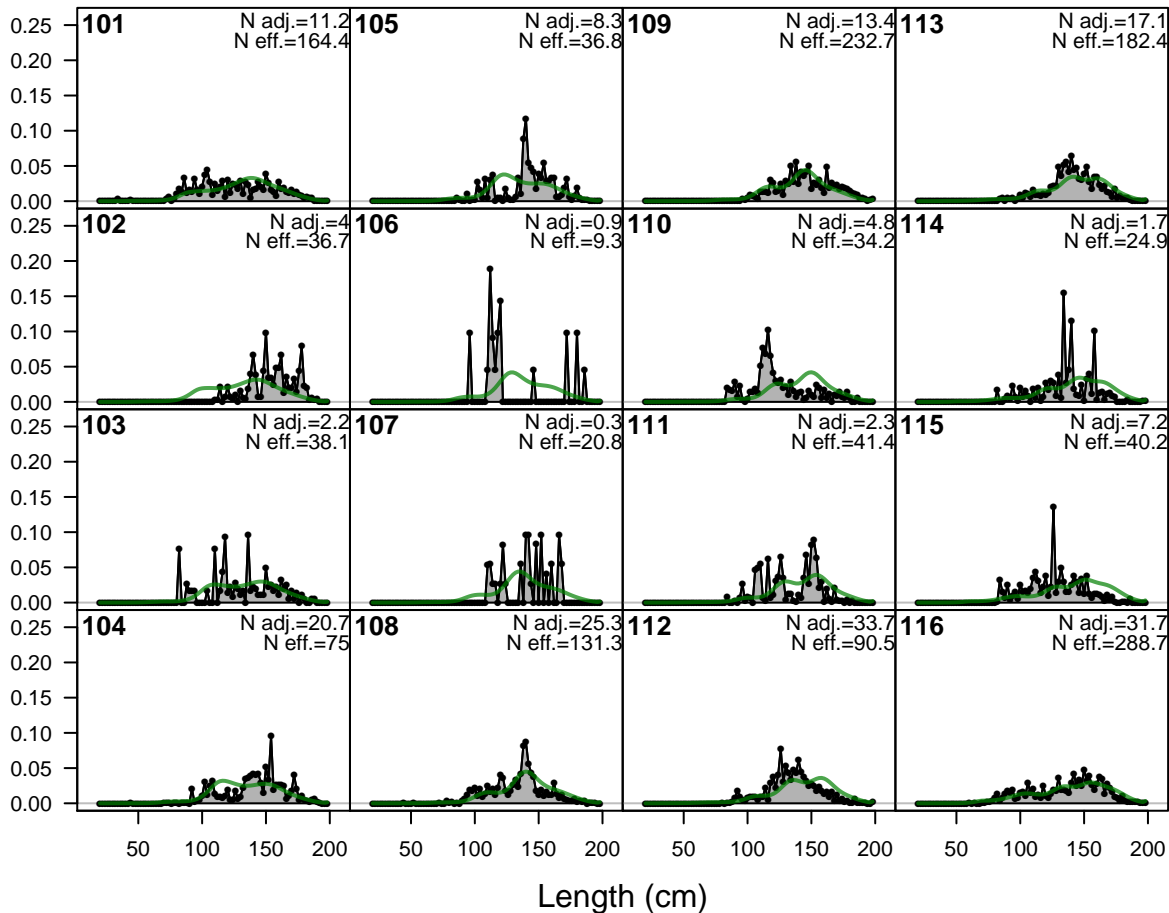


A3-LL-n (whole catch)

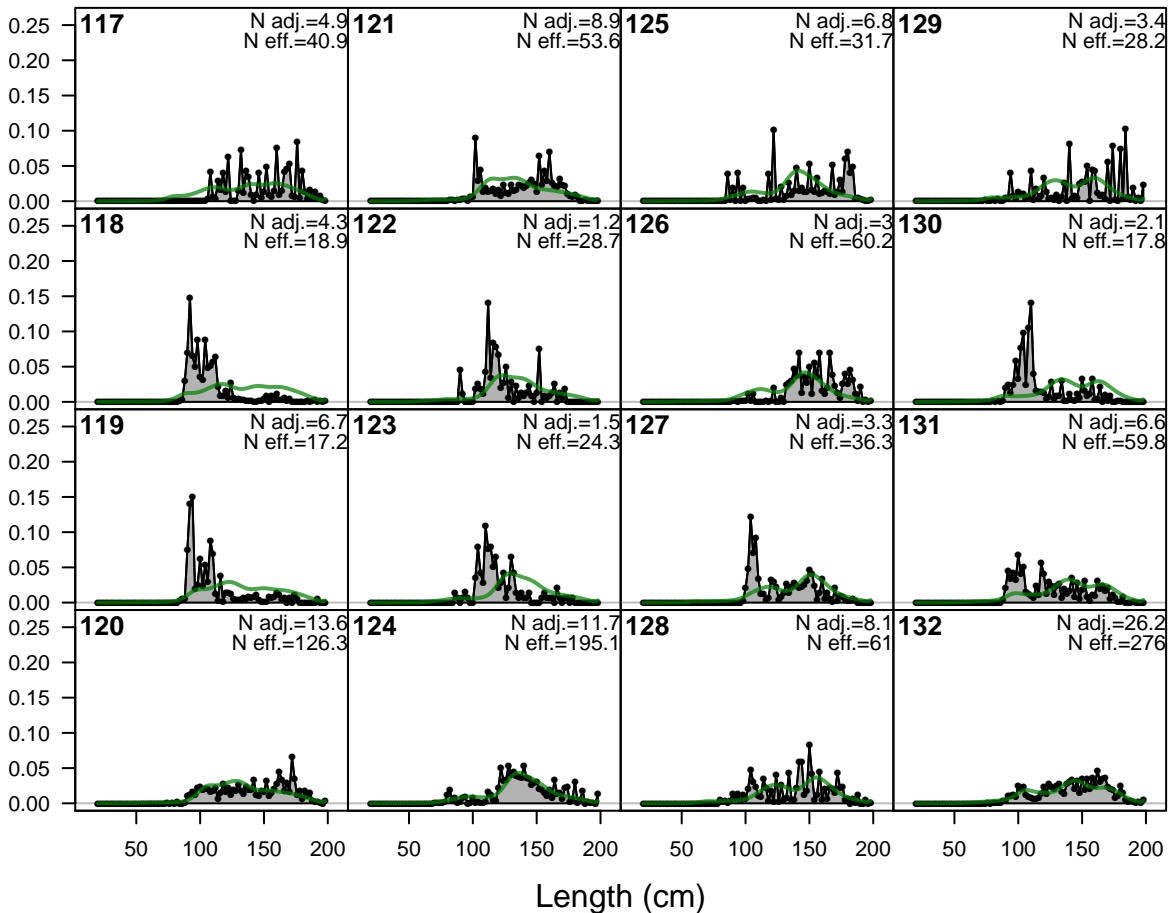




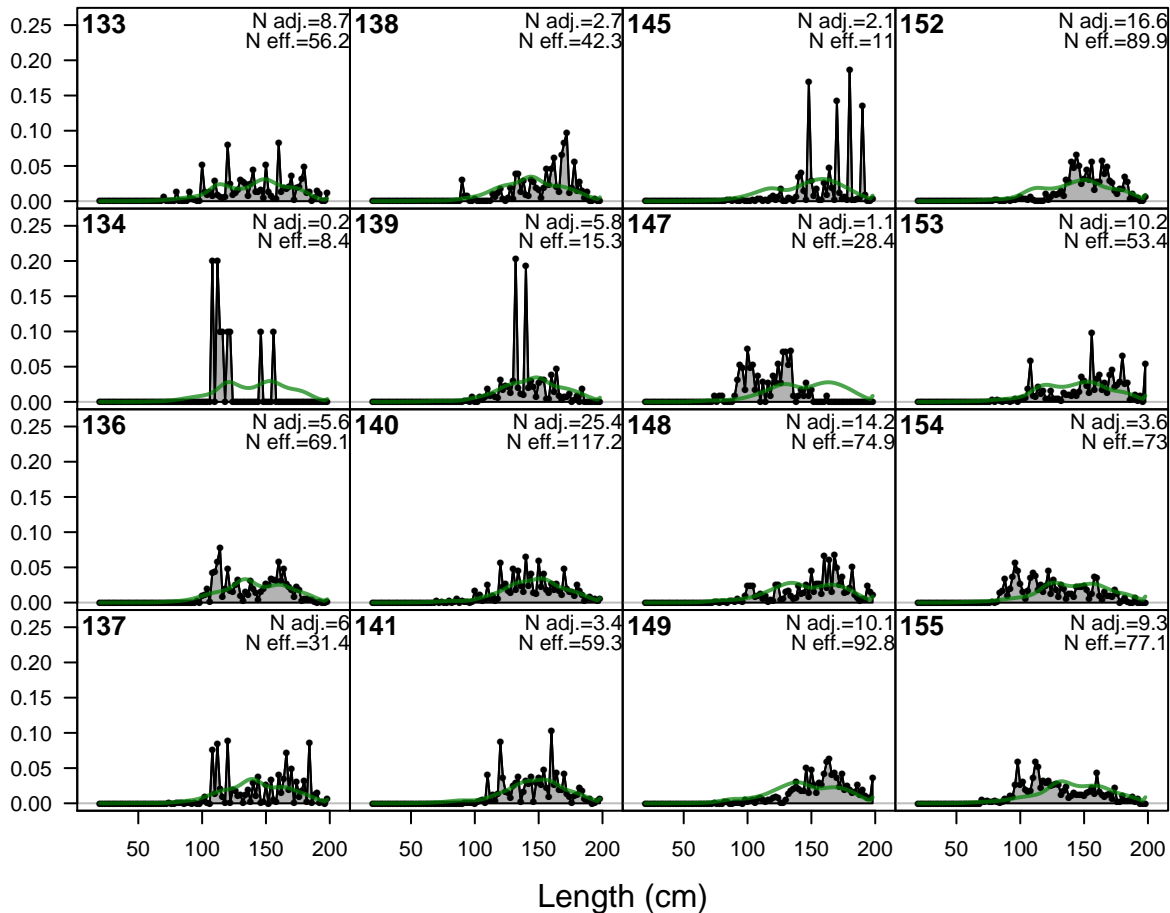
Proportion



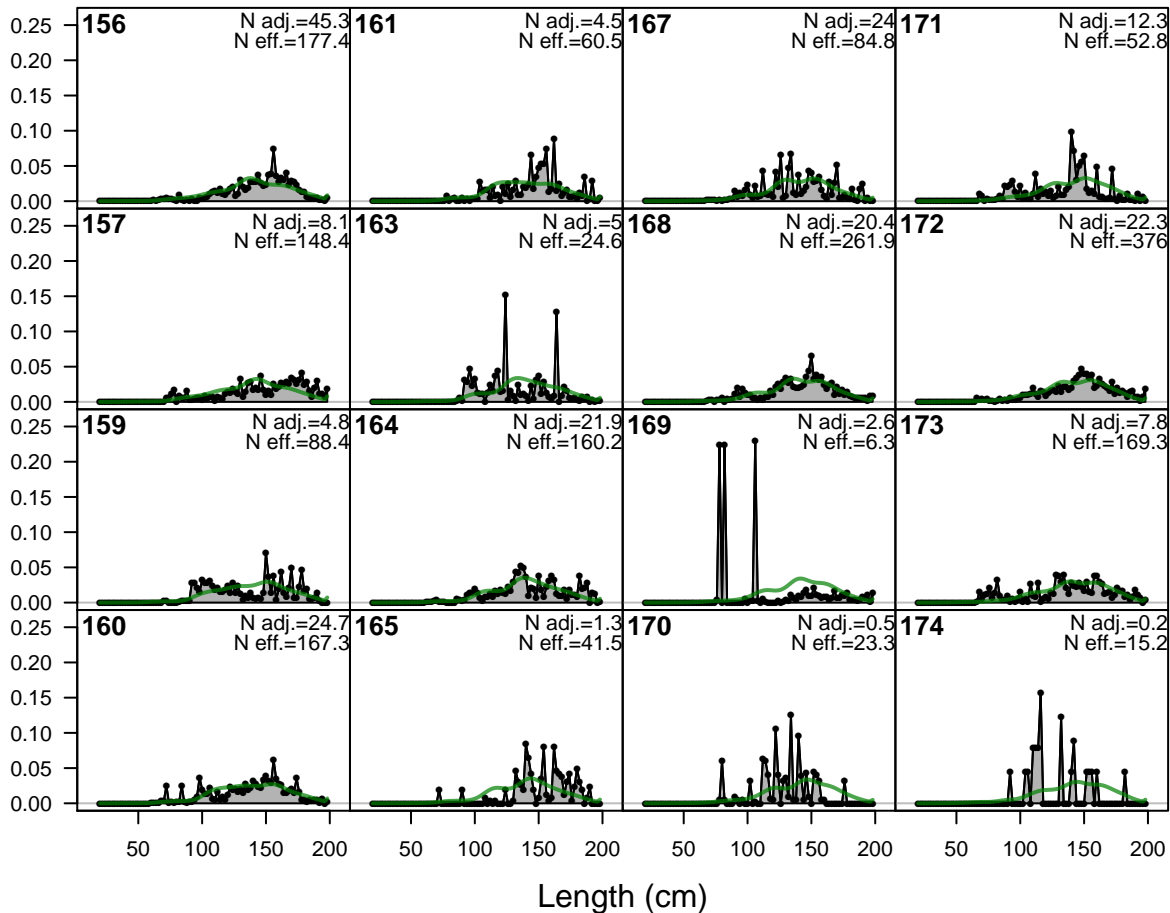
Proportion



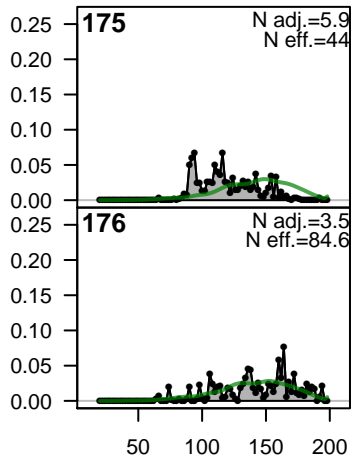
Proportion



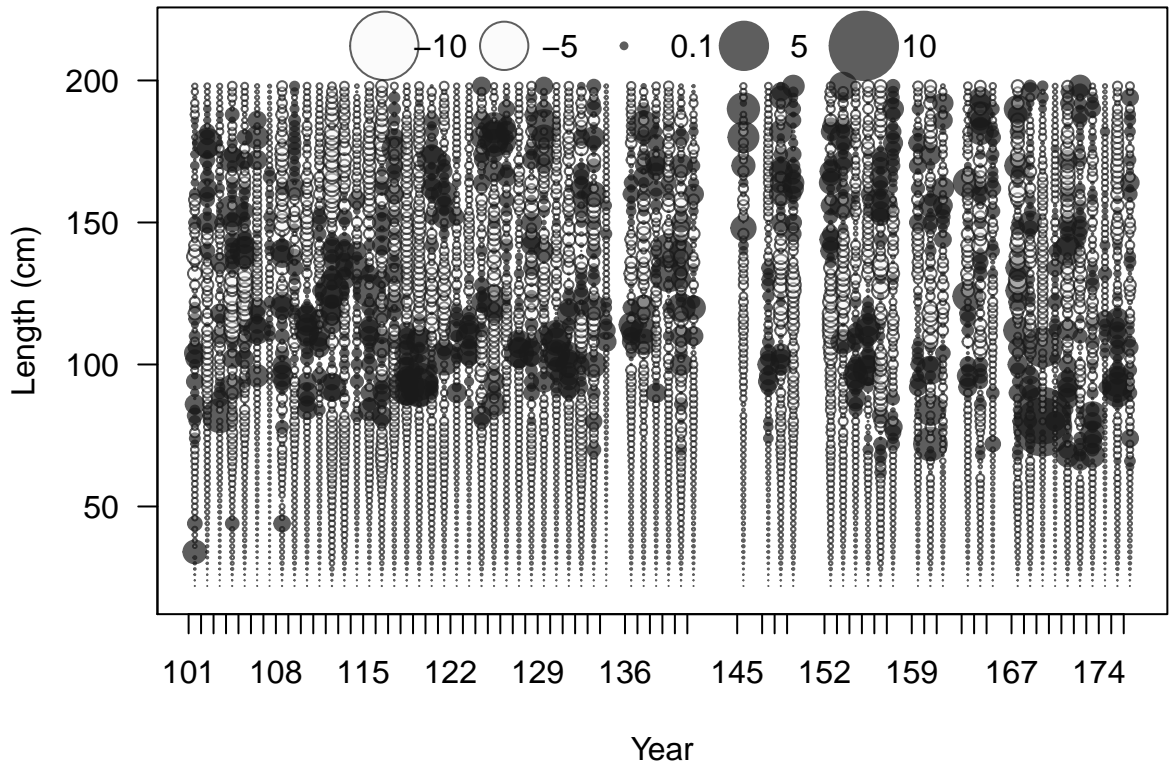
Proportion

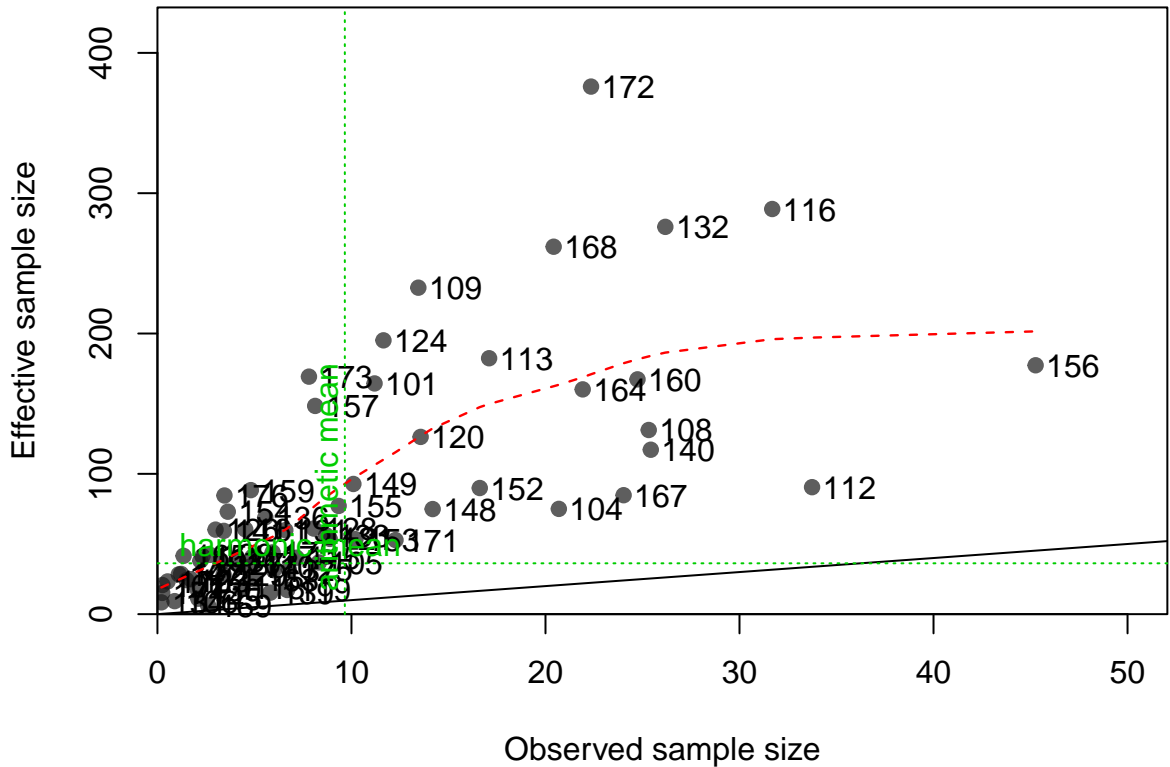


Proportion

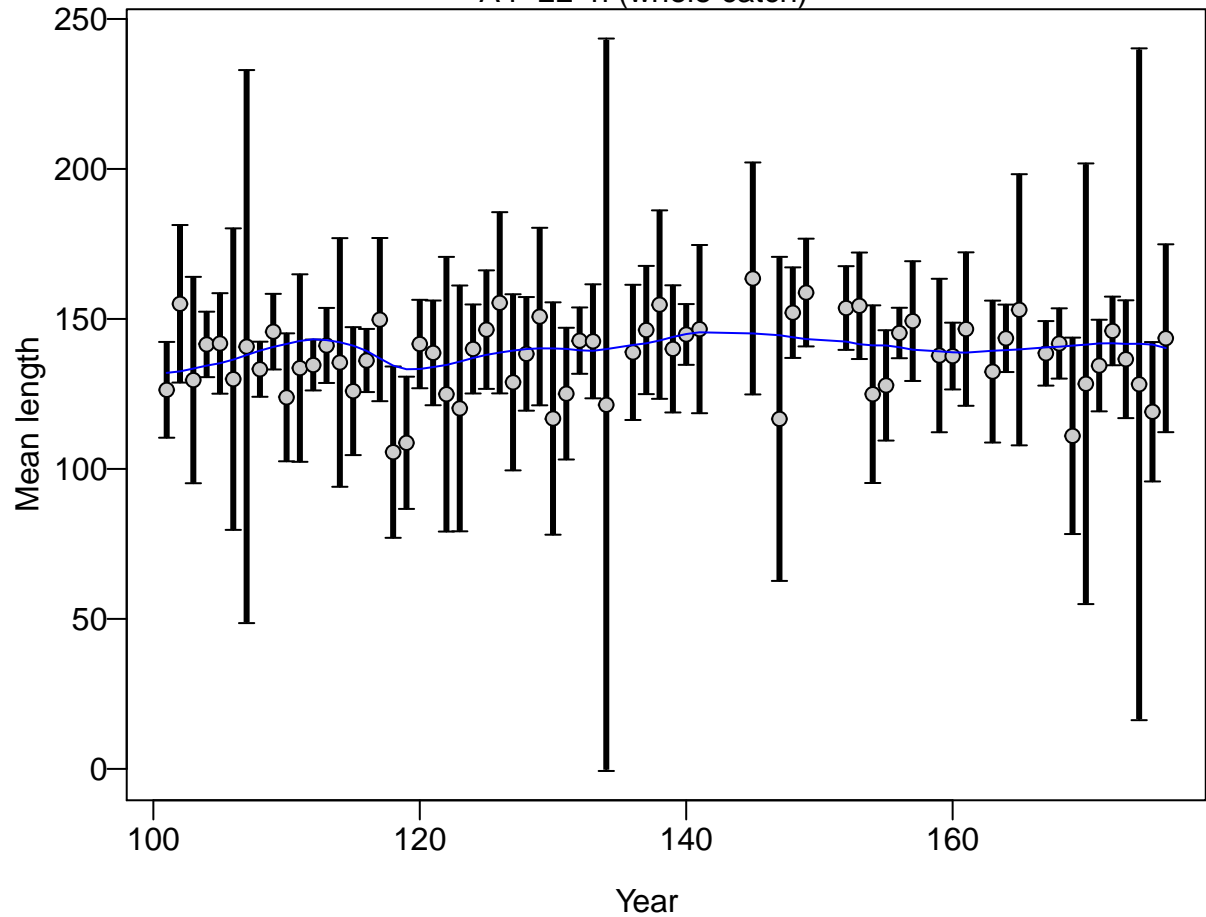


Length (cm)



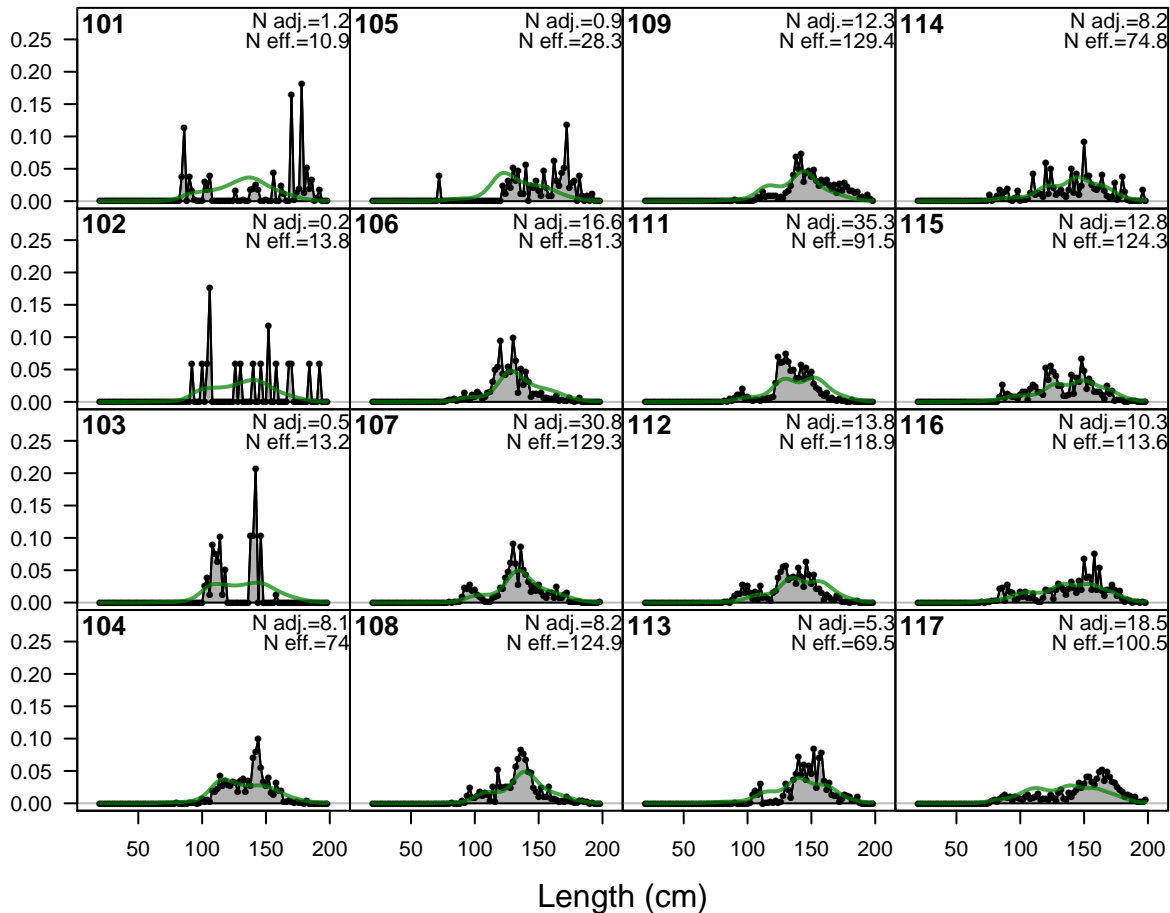


A4-LL-n (whole catch)

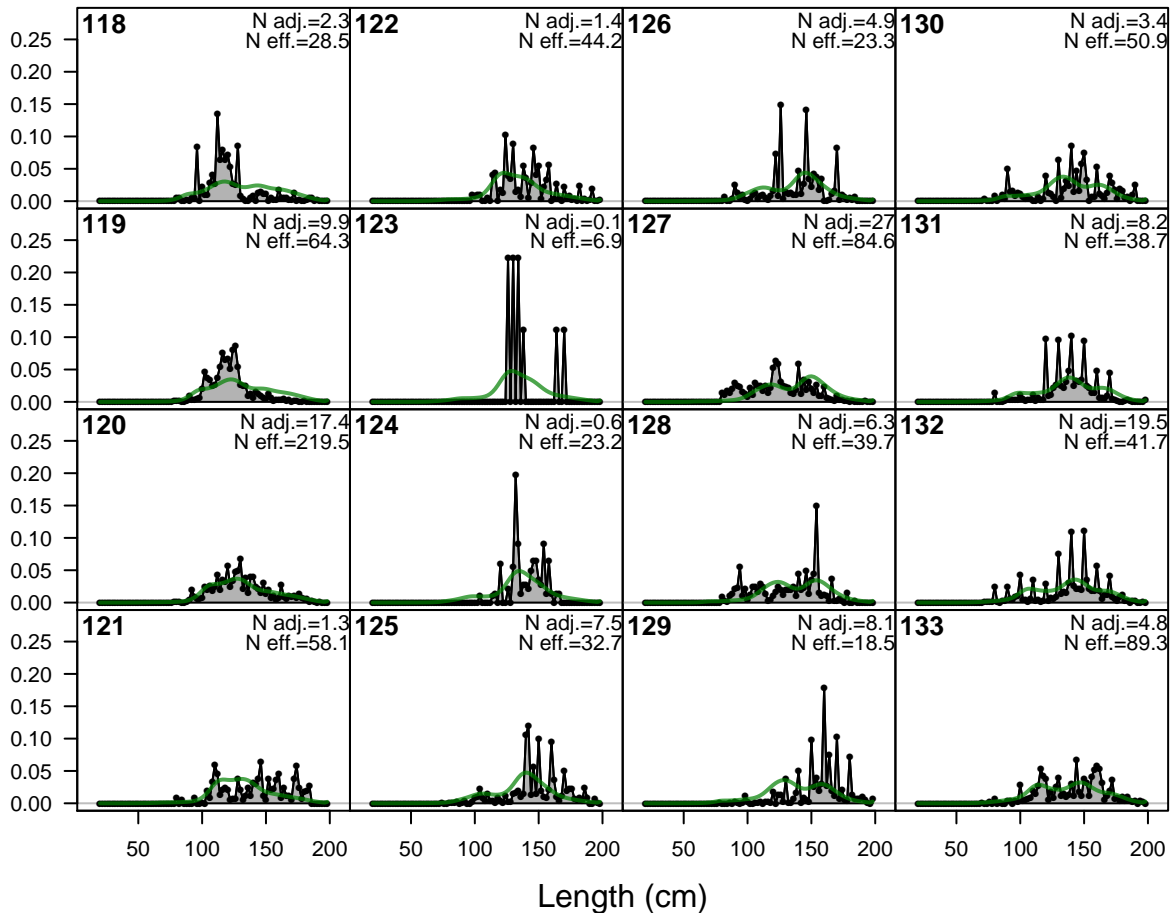




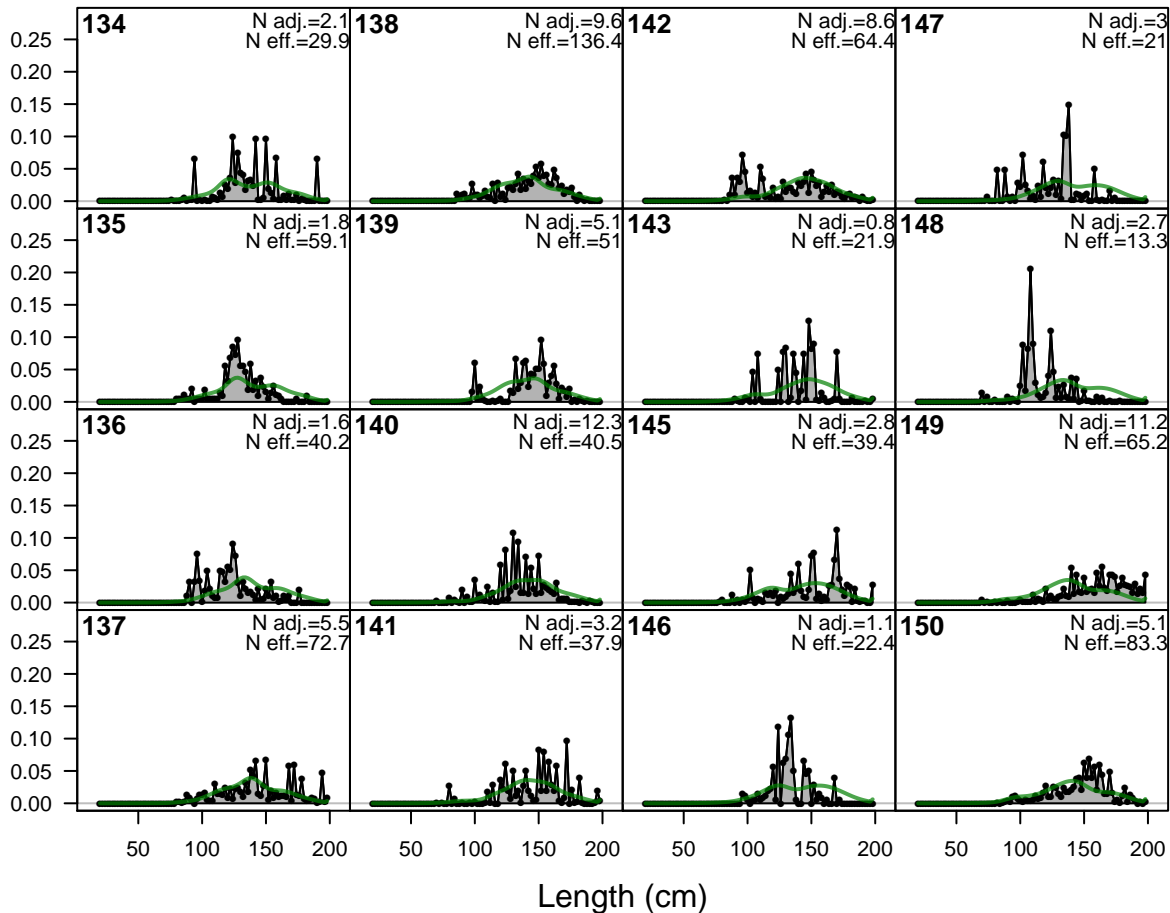
Proportion



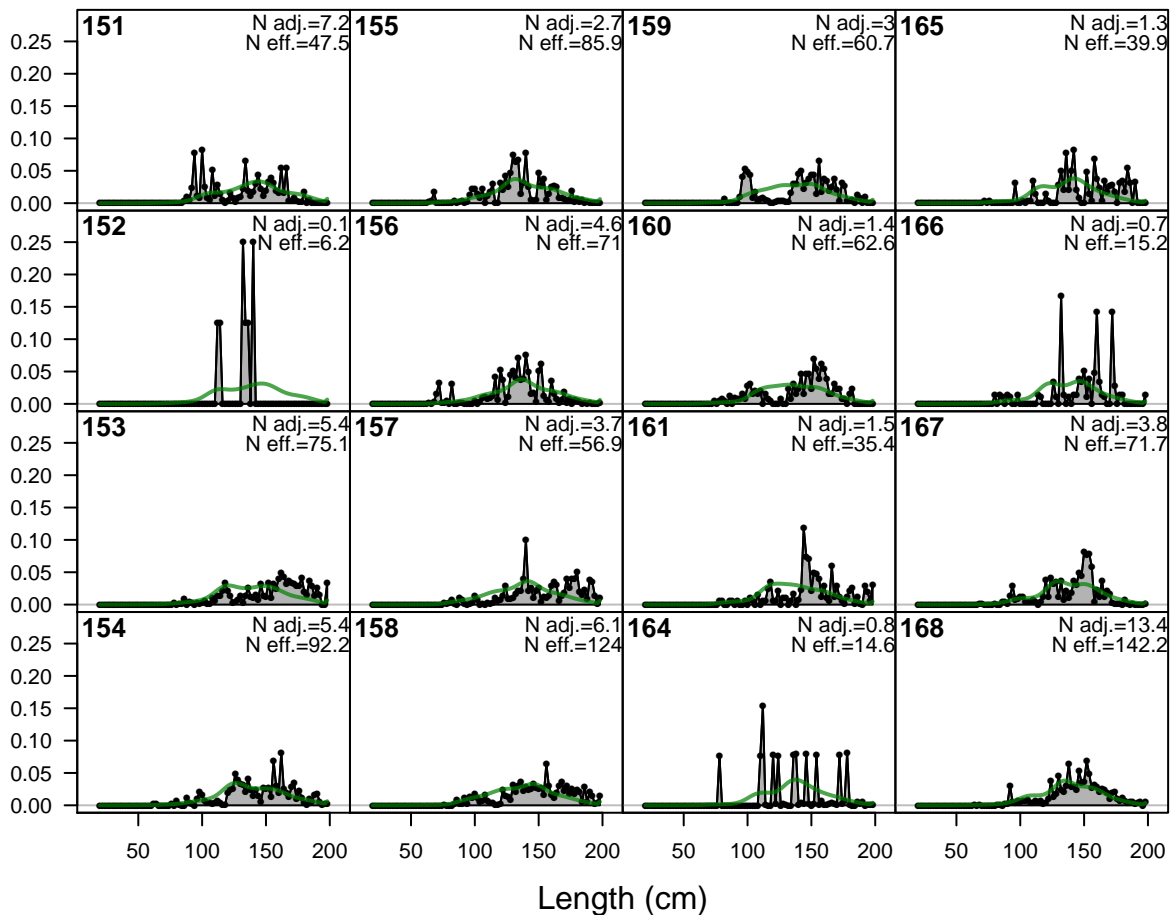
Proportion



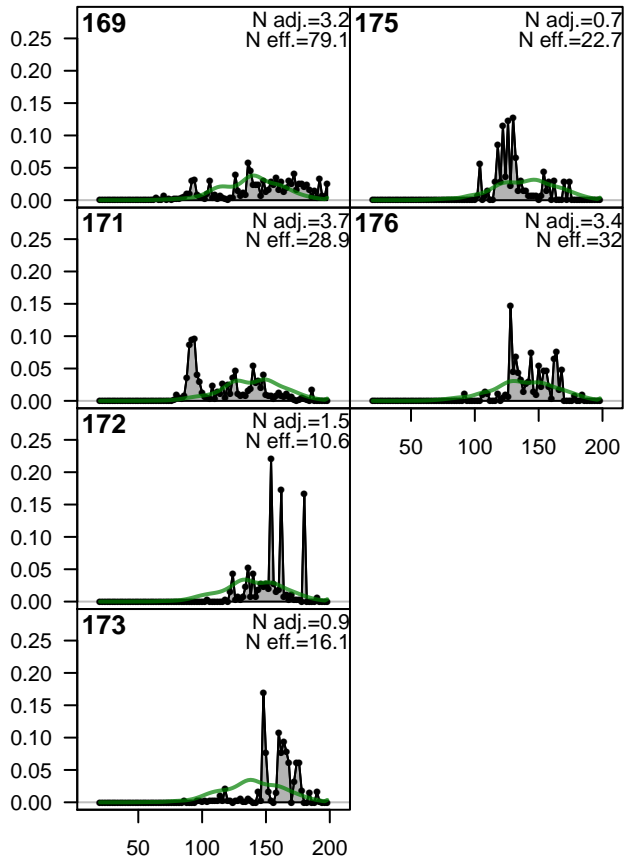
Proportion



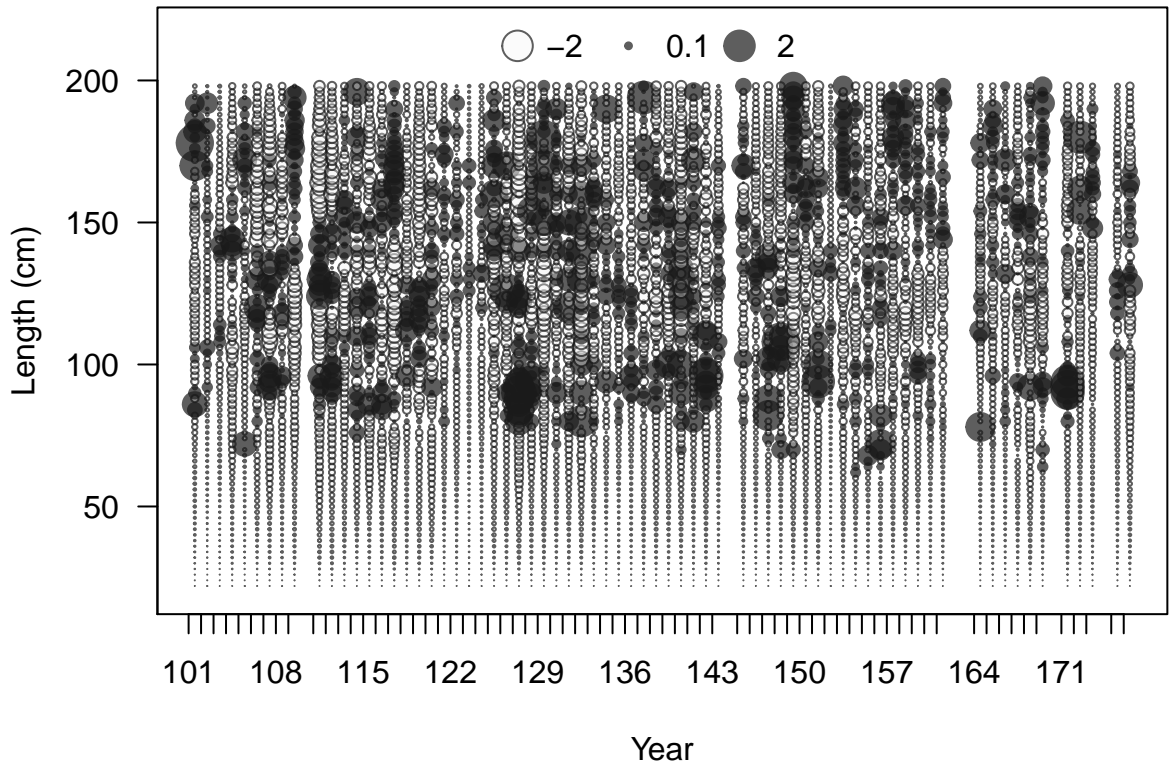
Proportion

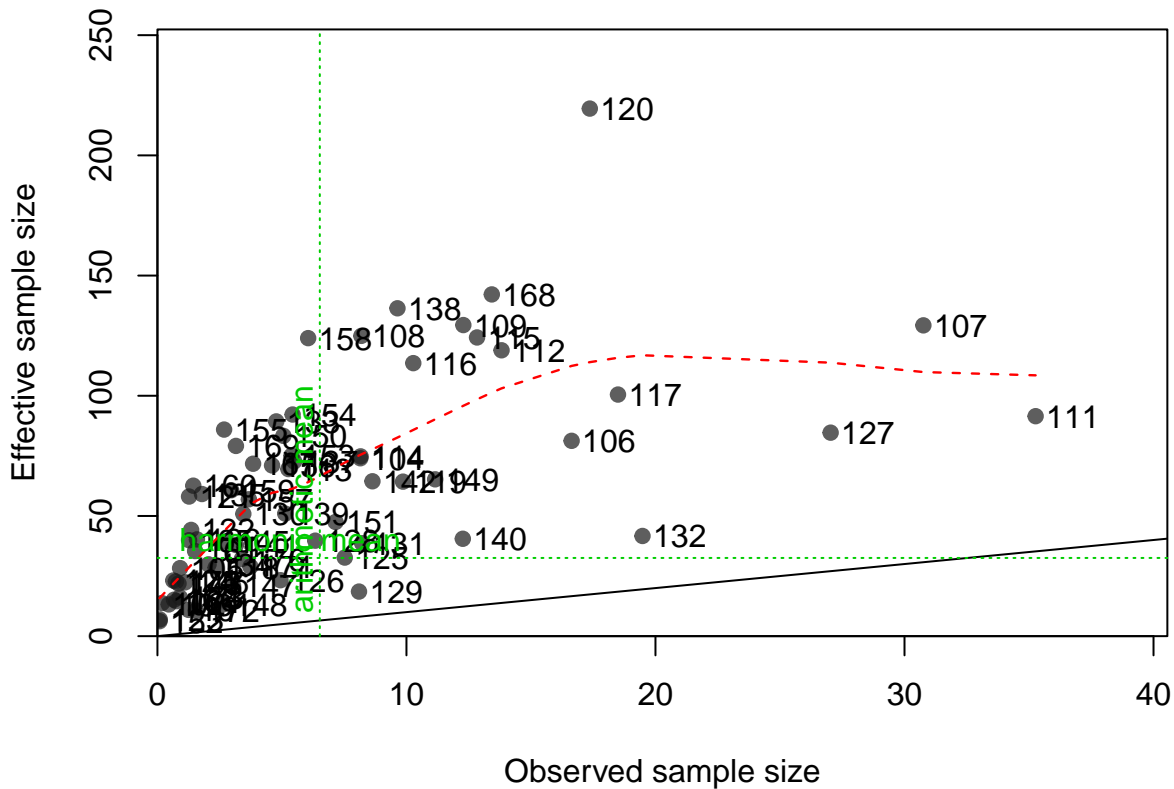


Proportion

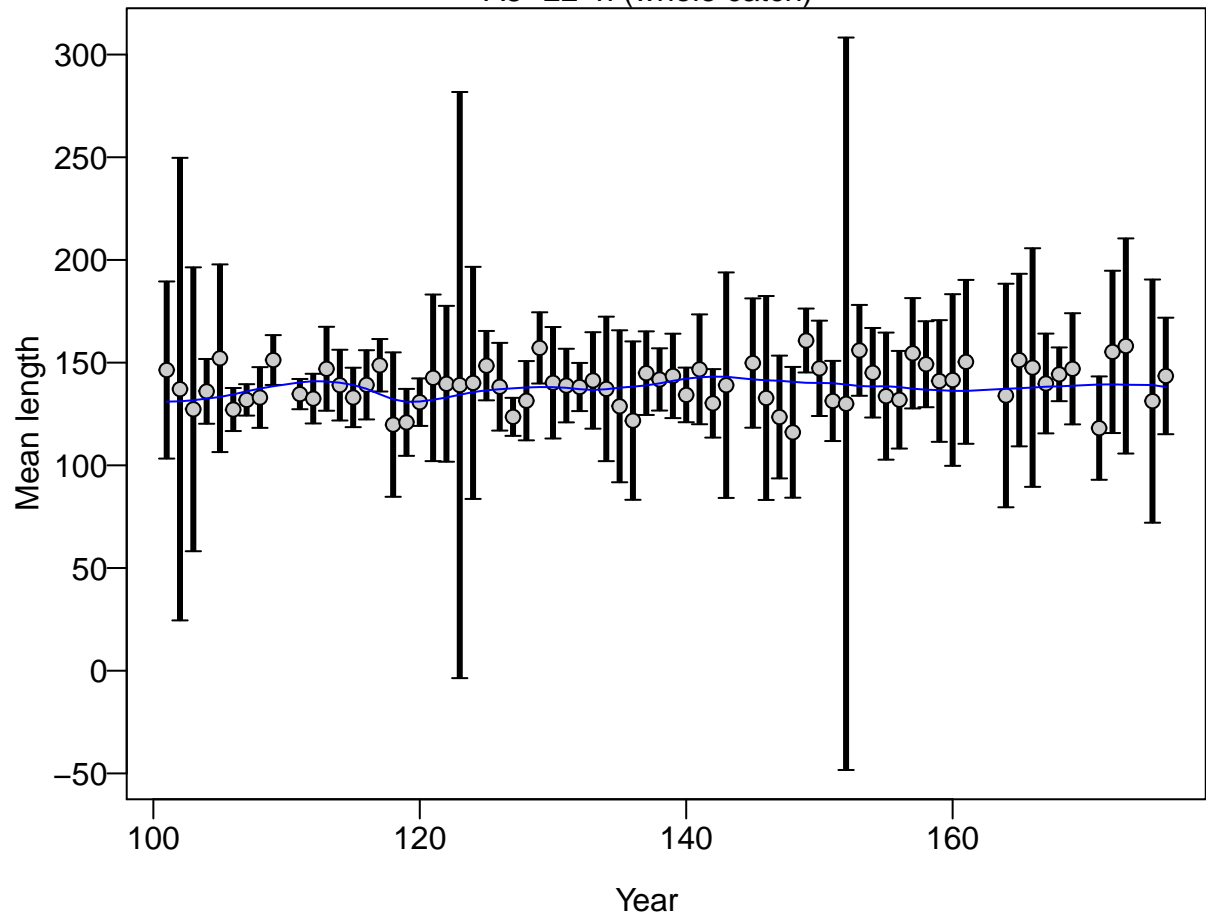


Length (cm)



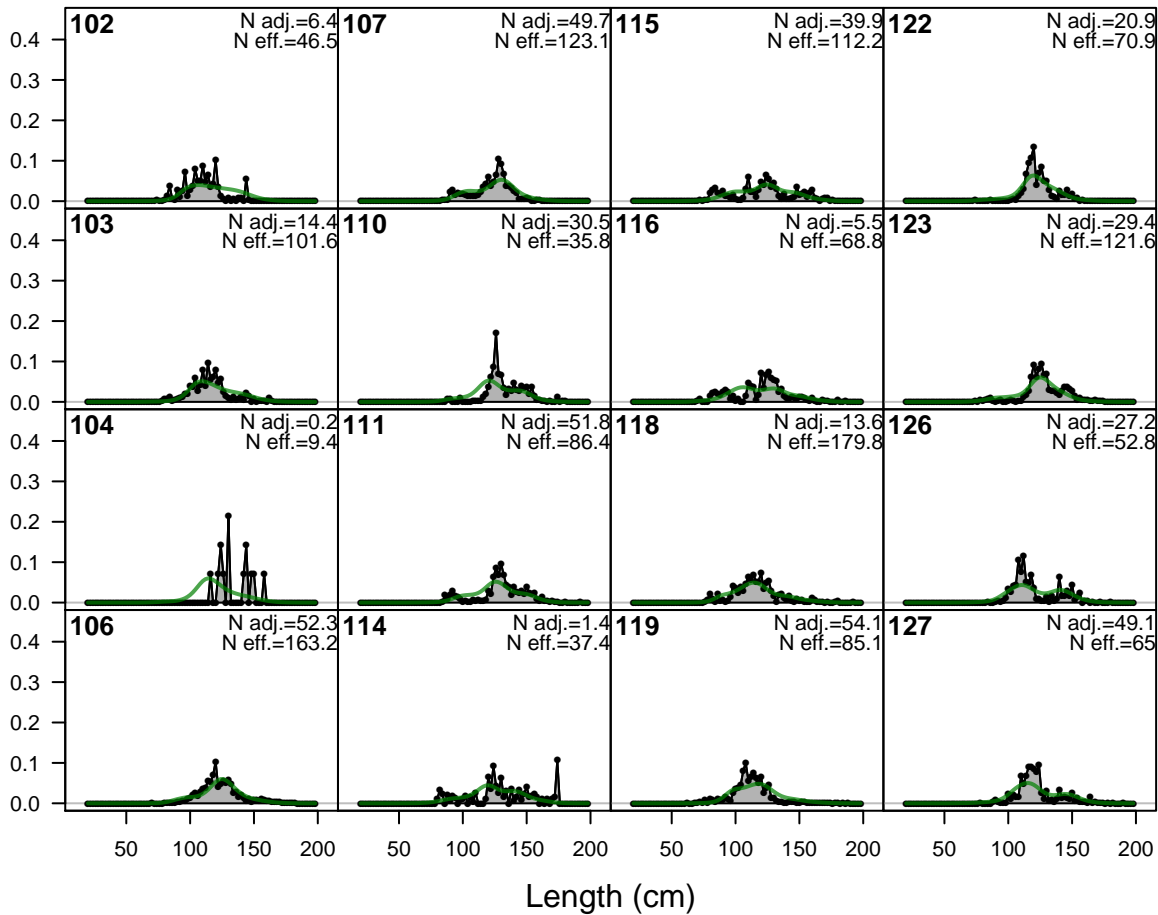


A5-LL-n (whole catch)

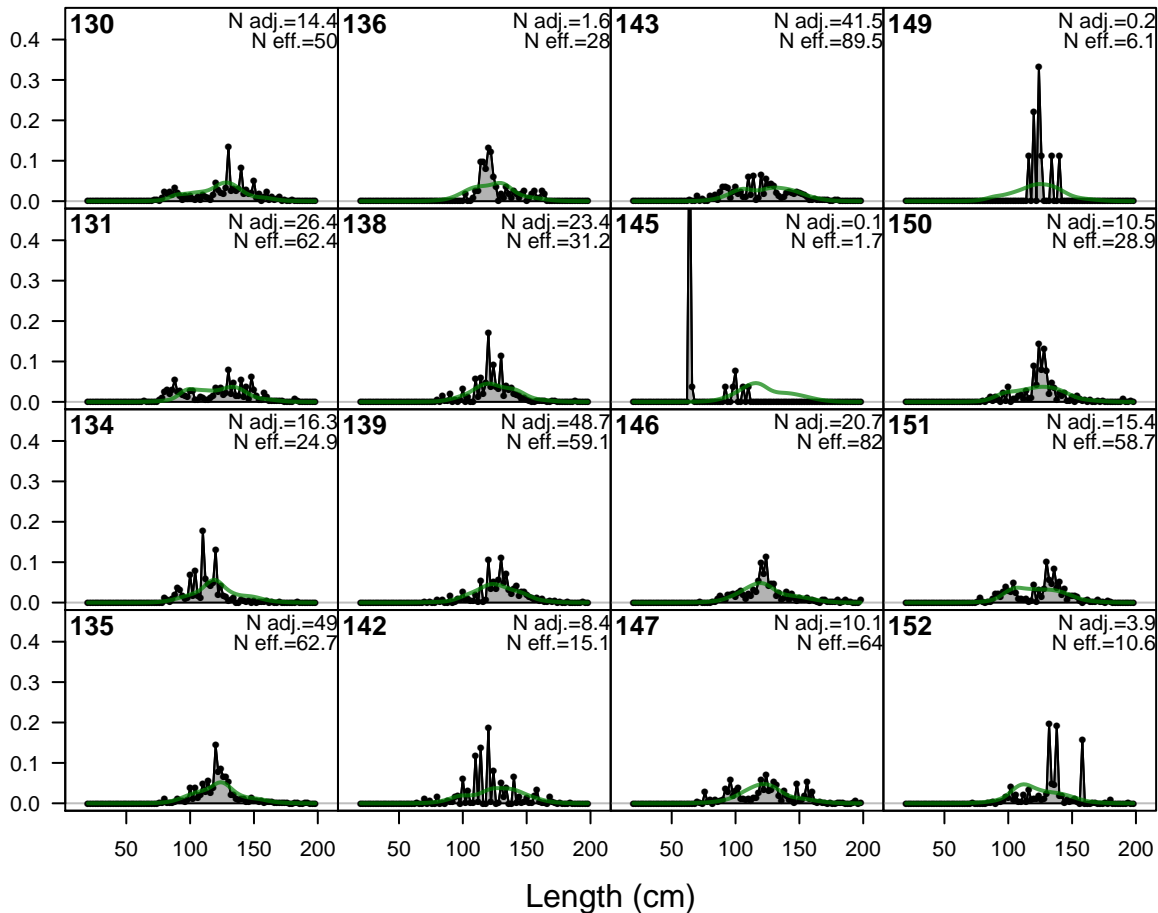




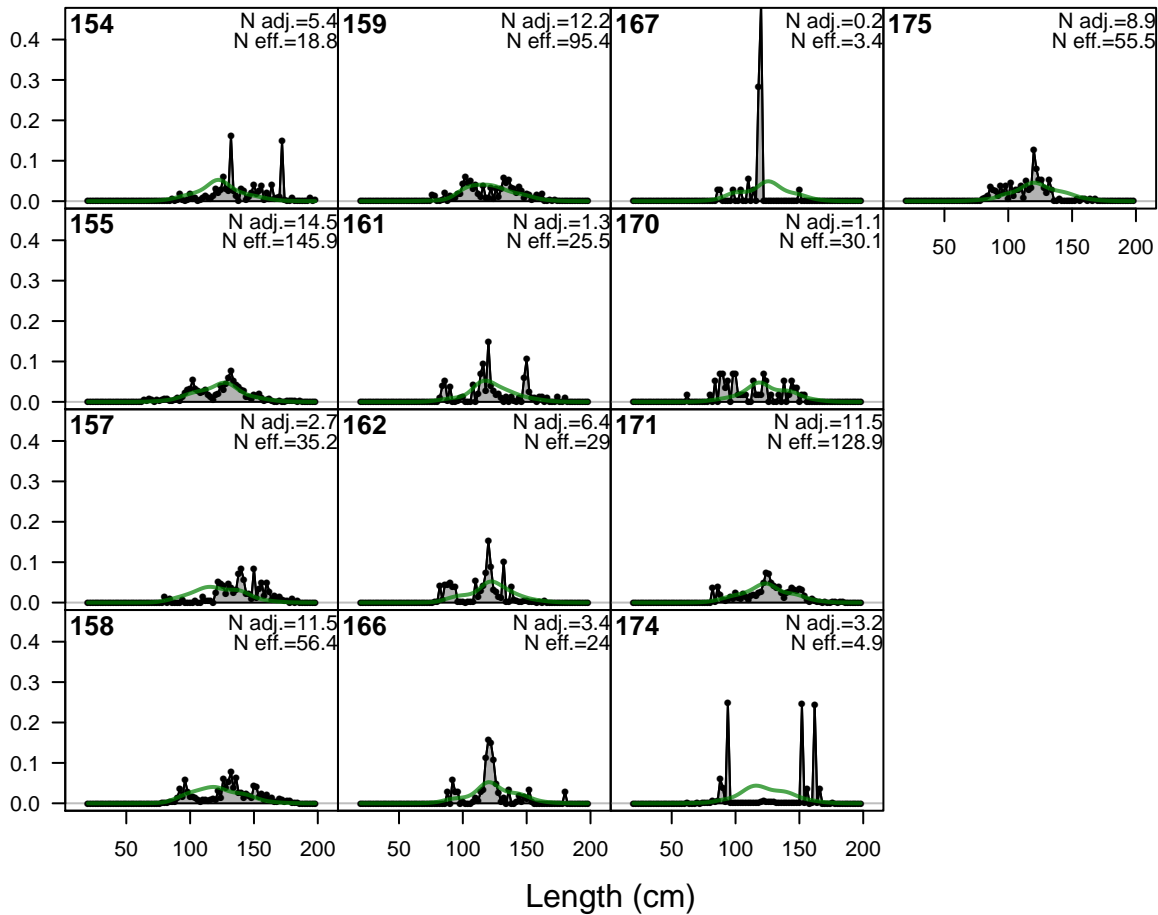
Proportion

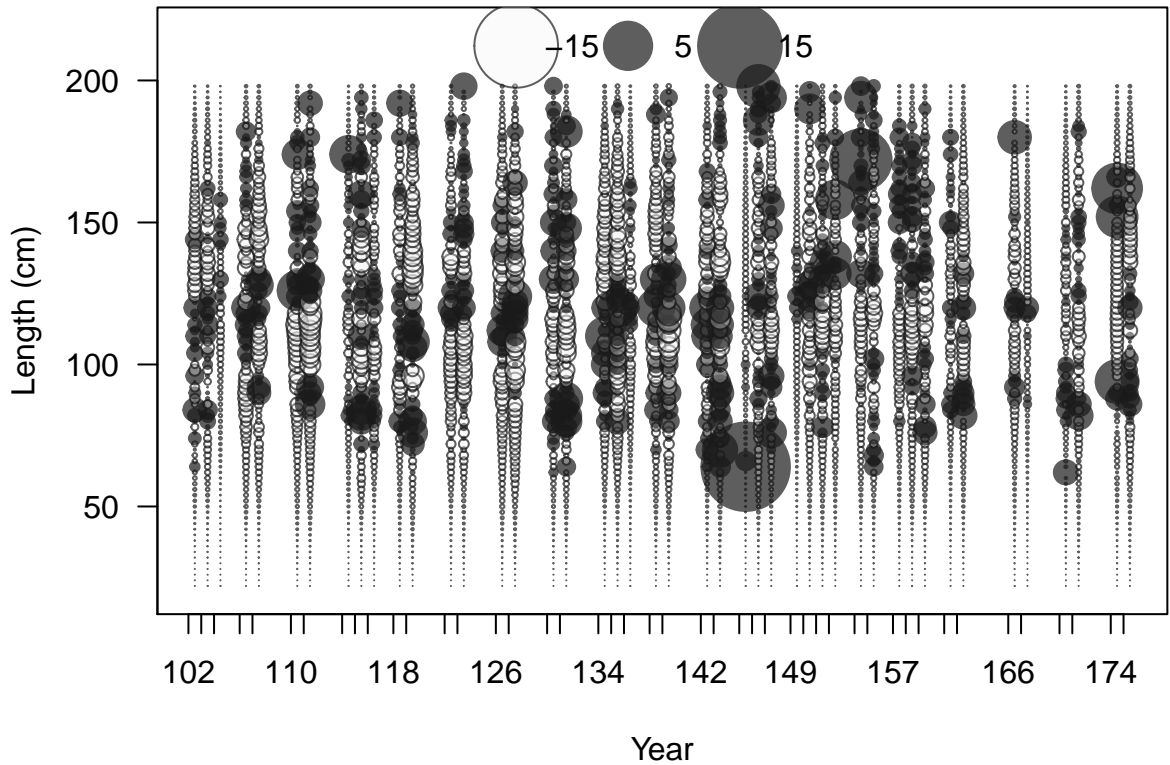


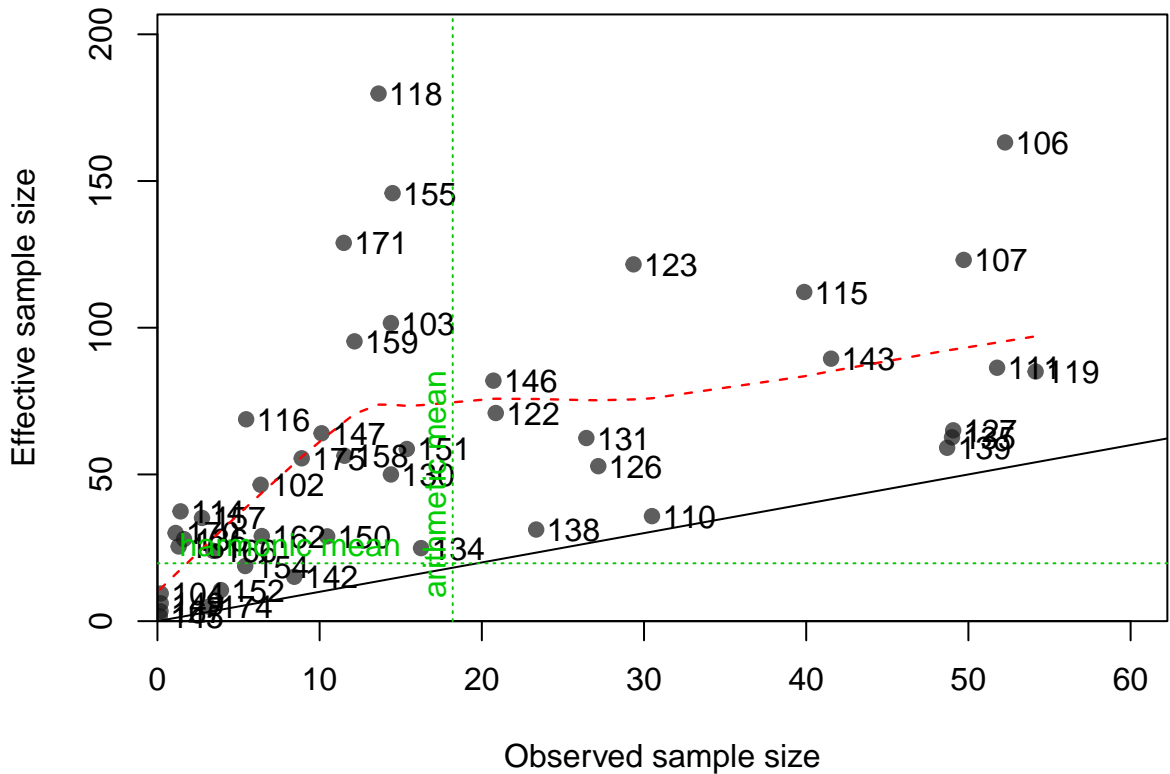
Proportion



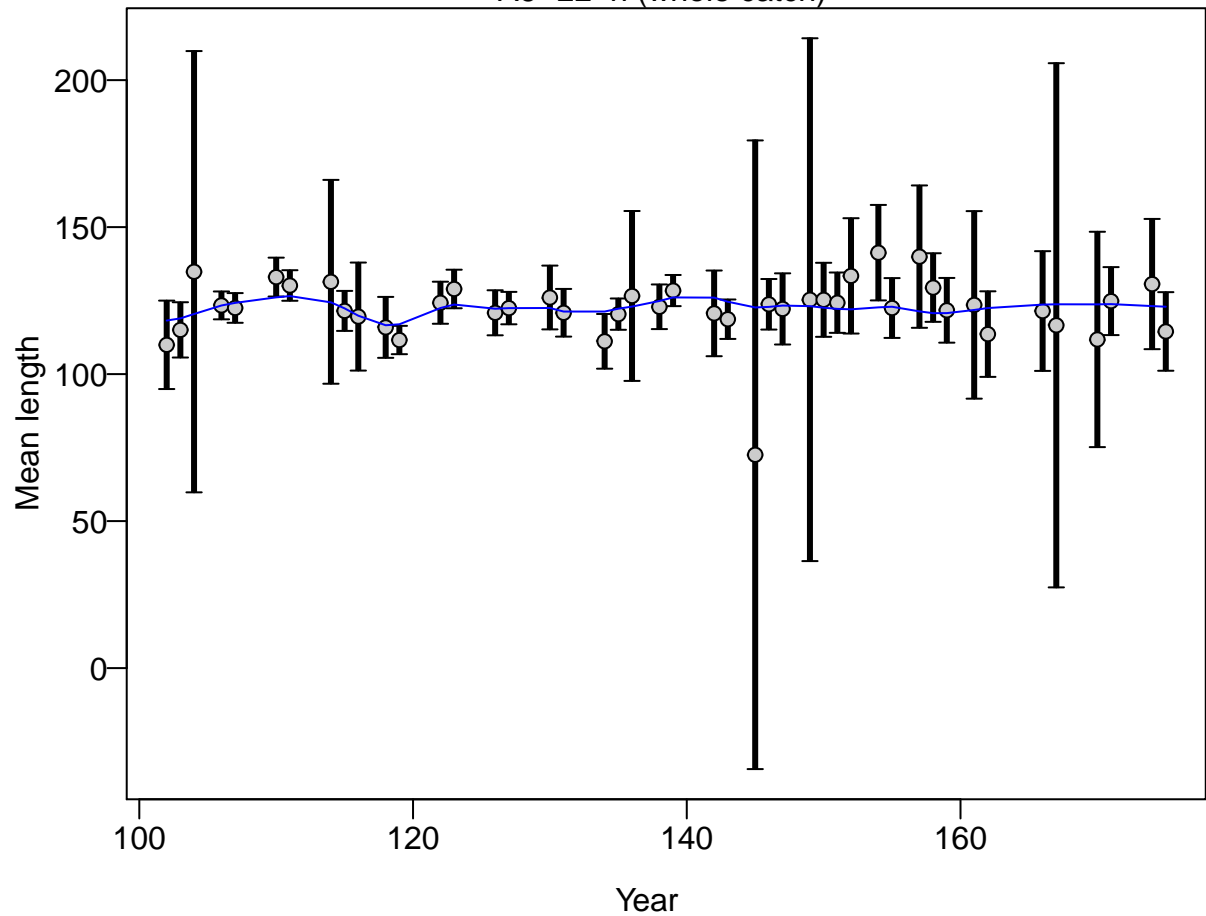
Proportion



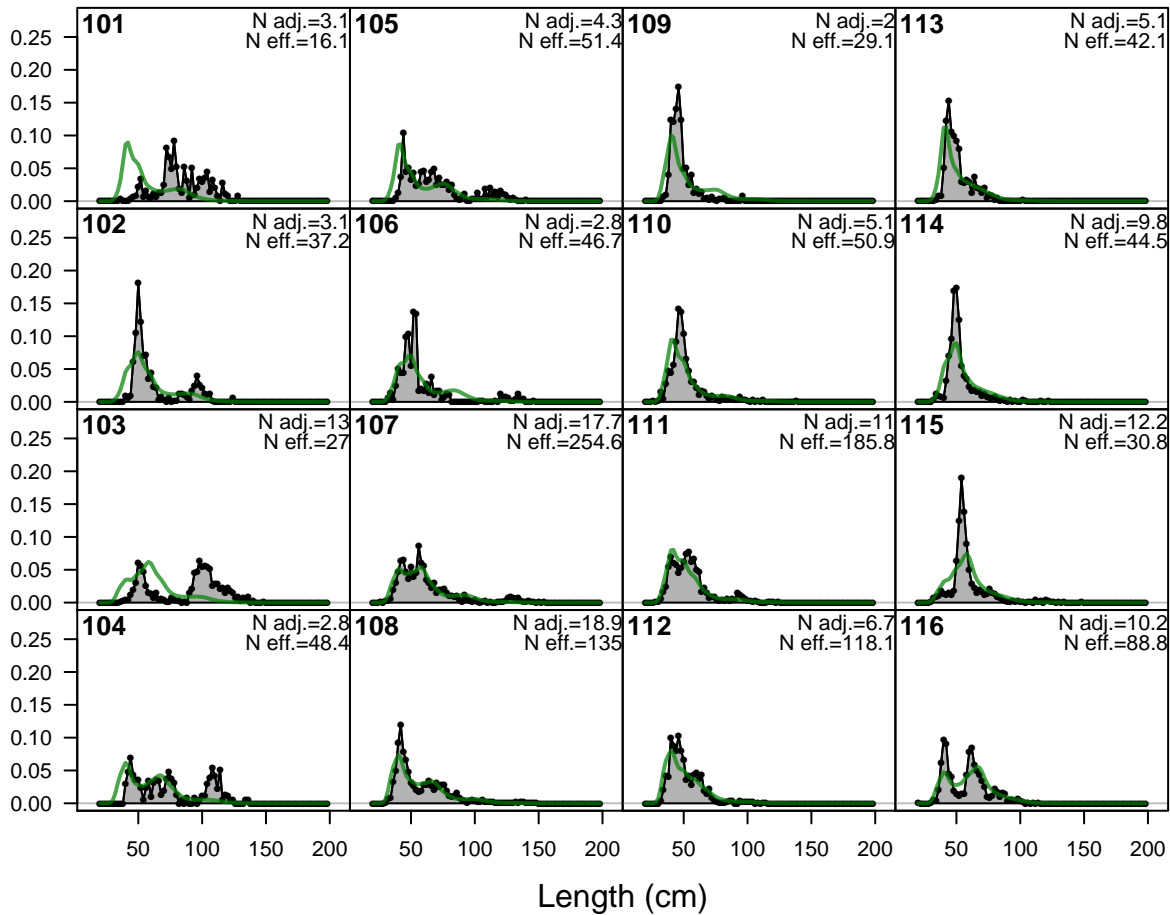




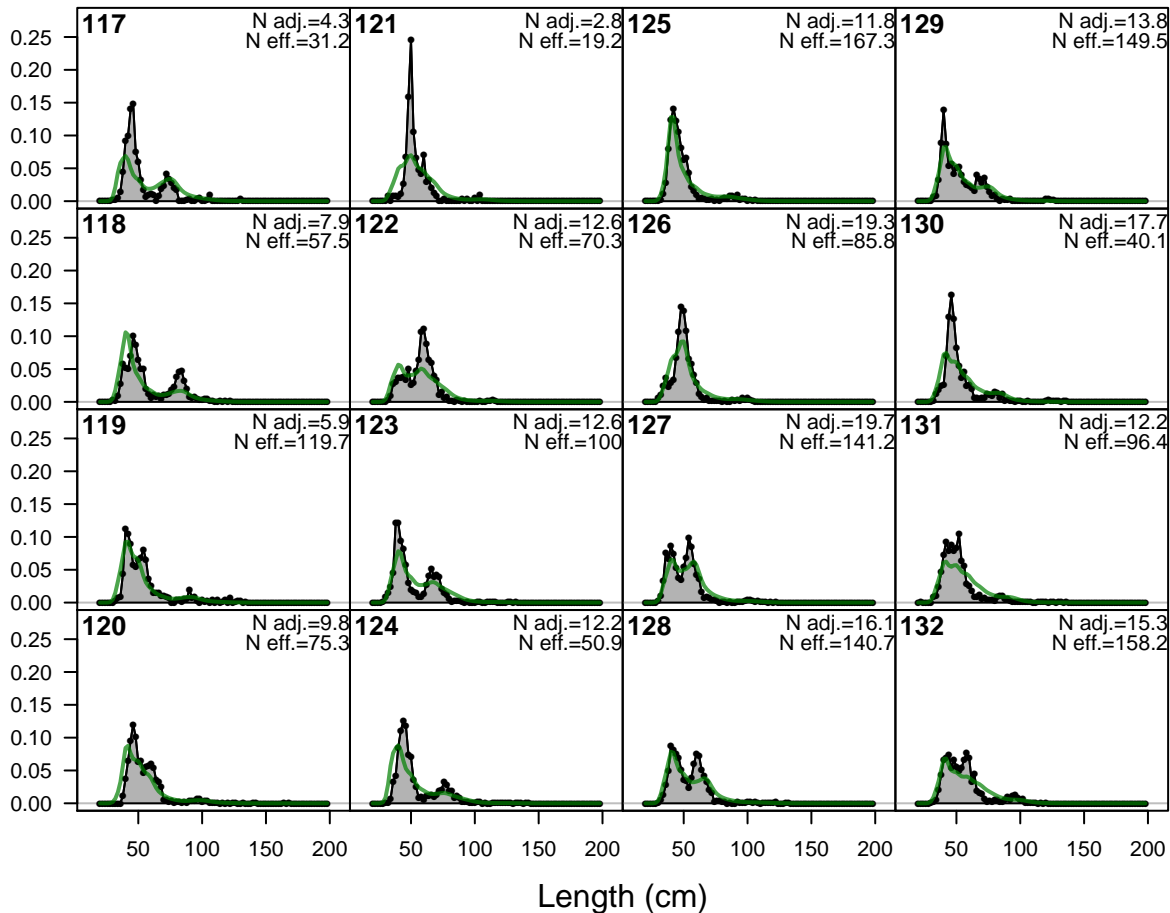
A6-LL-n (whole catch)



Proportion

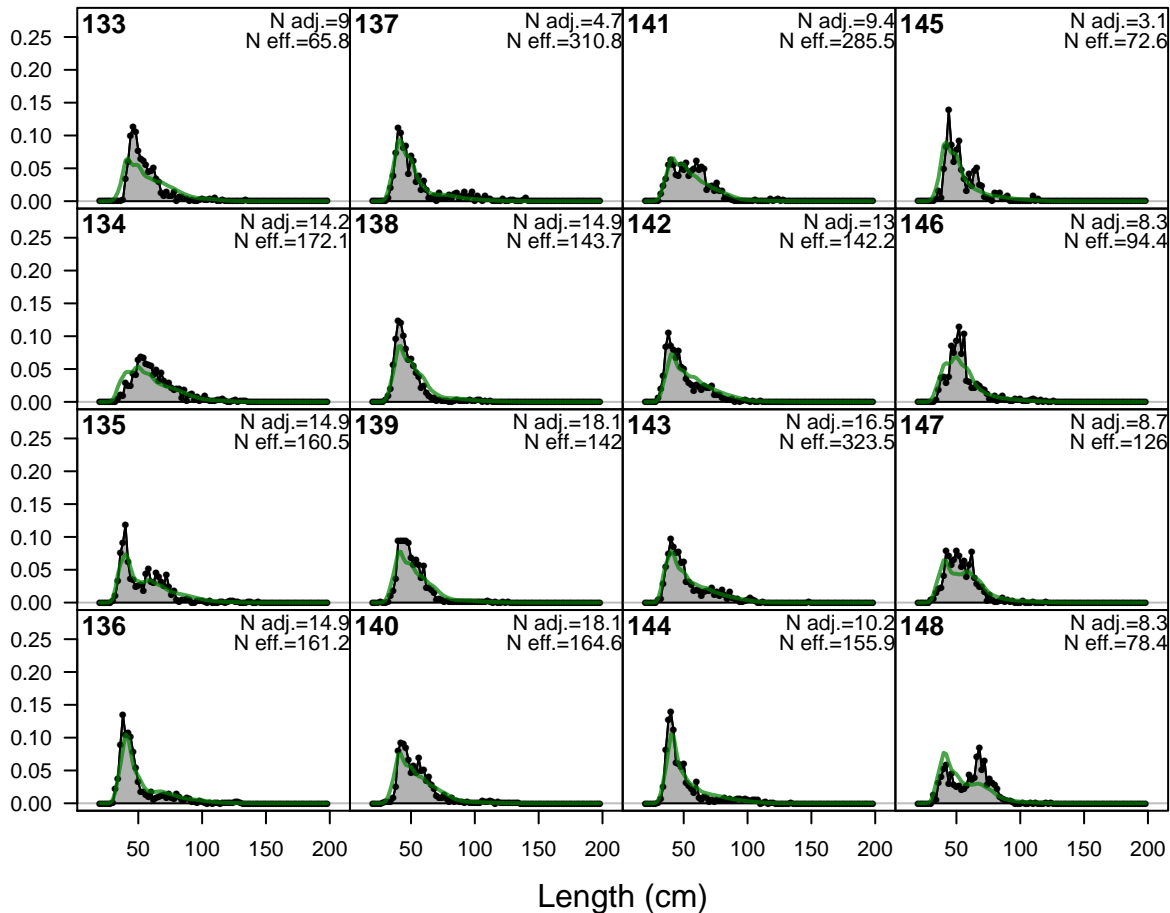


Proportion

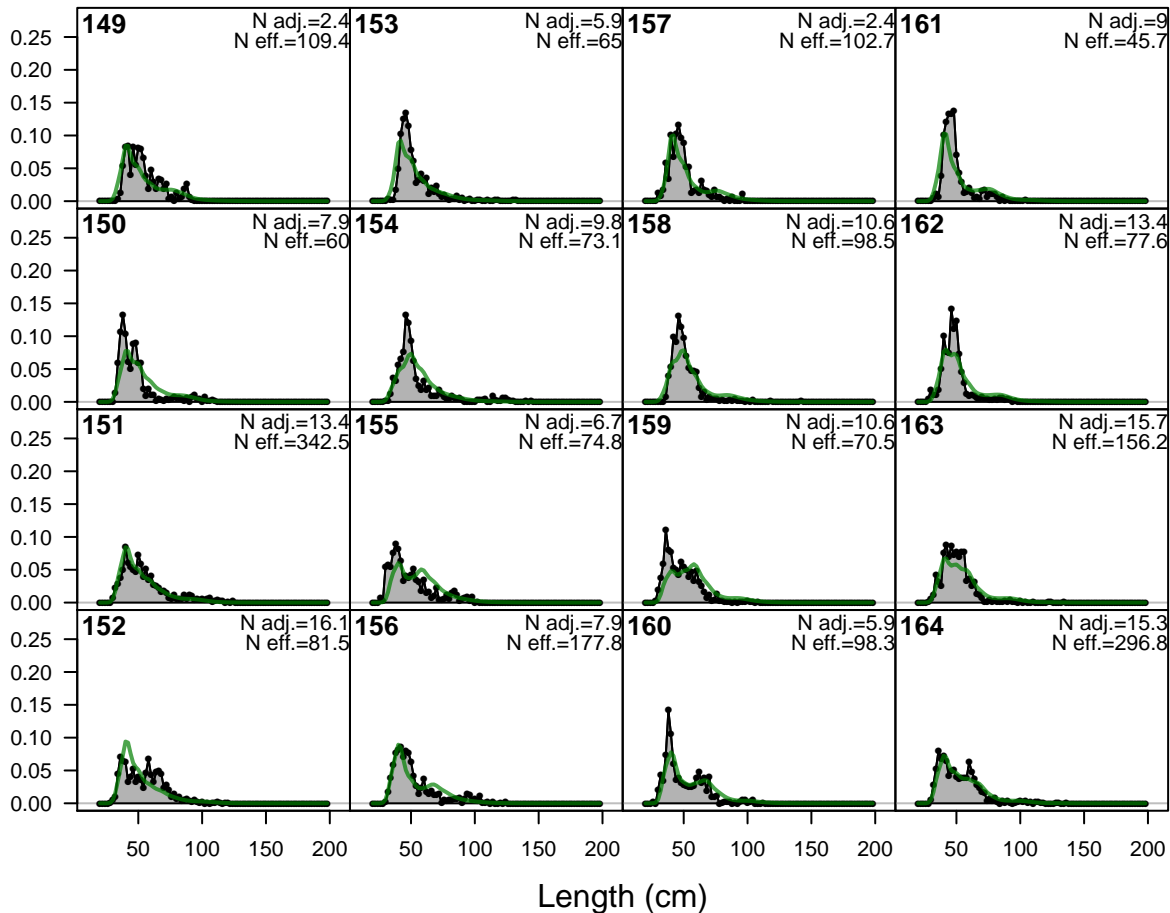




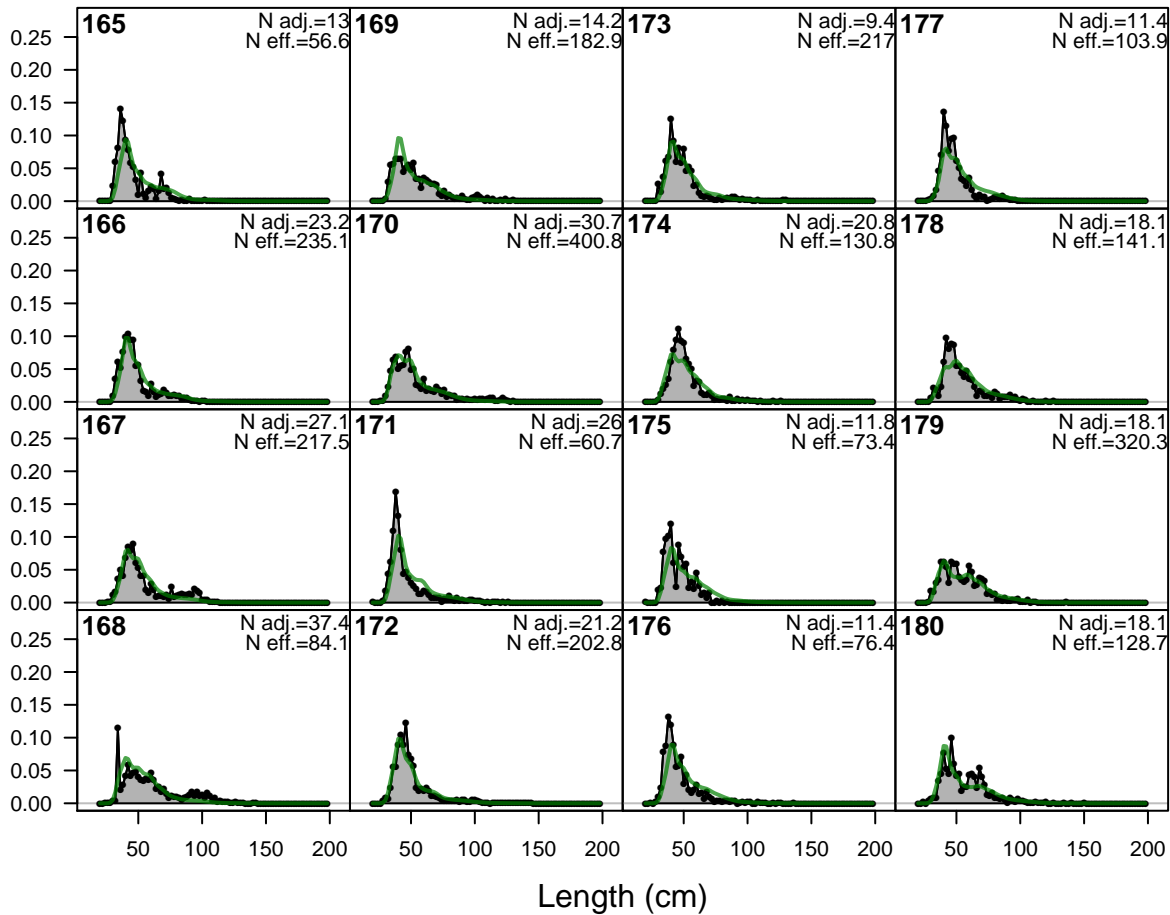
Proportion

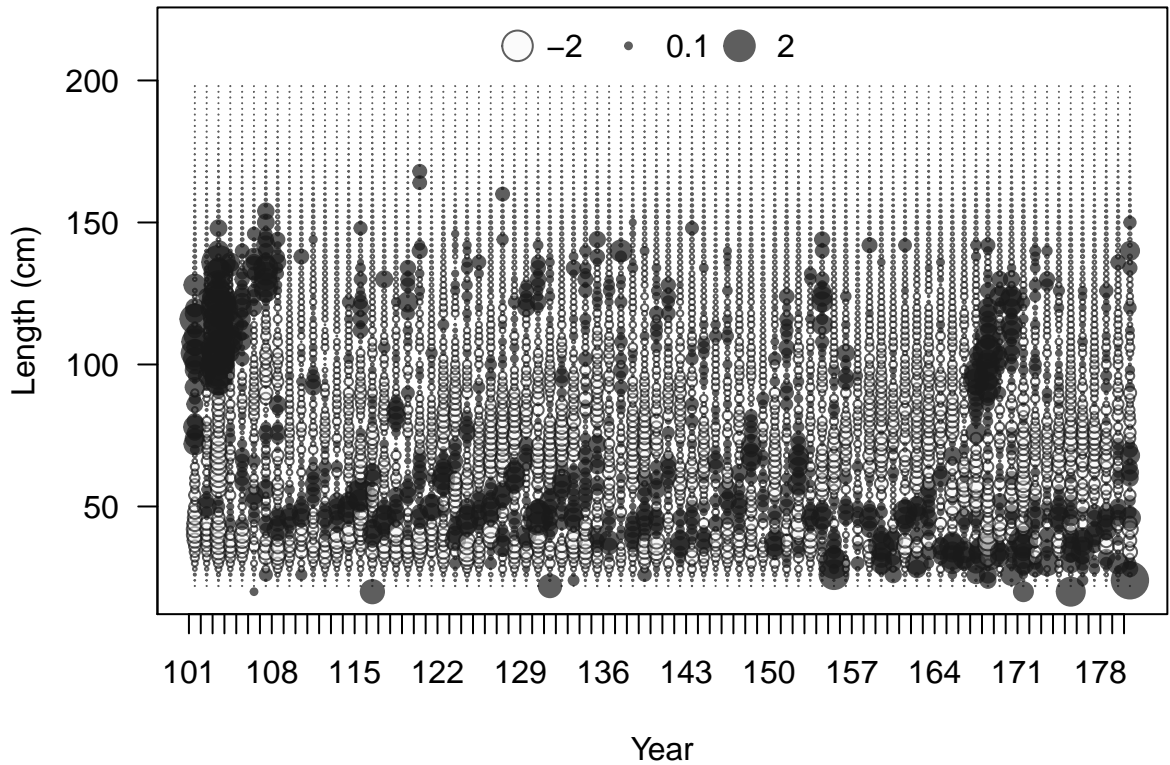


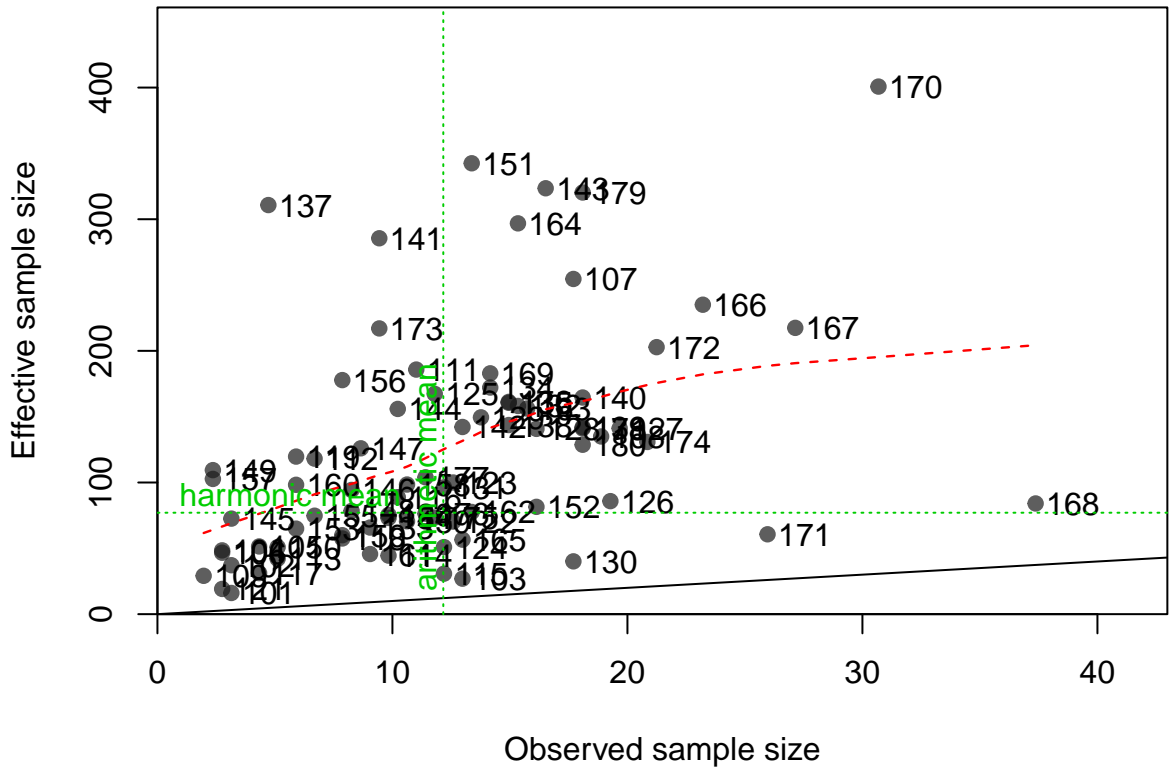
Proportion



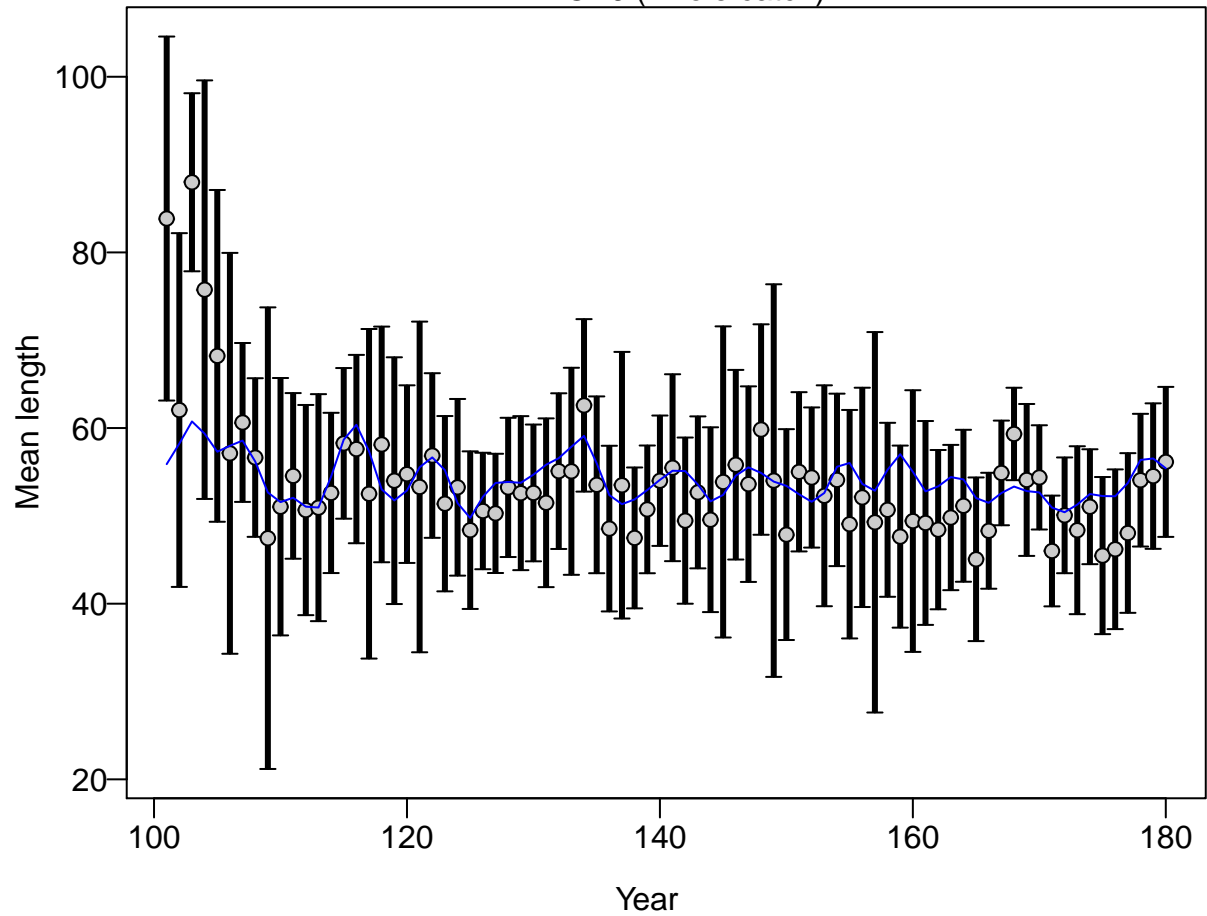
Proportion



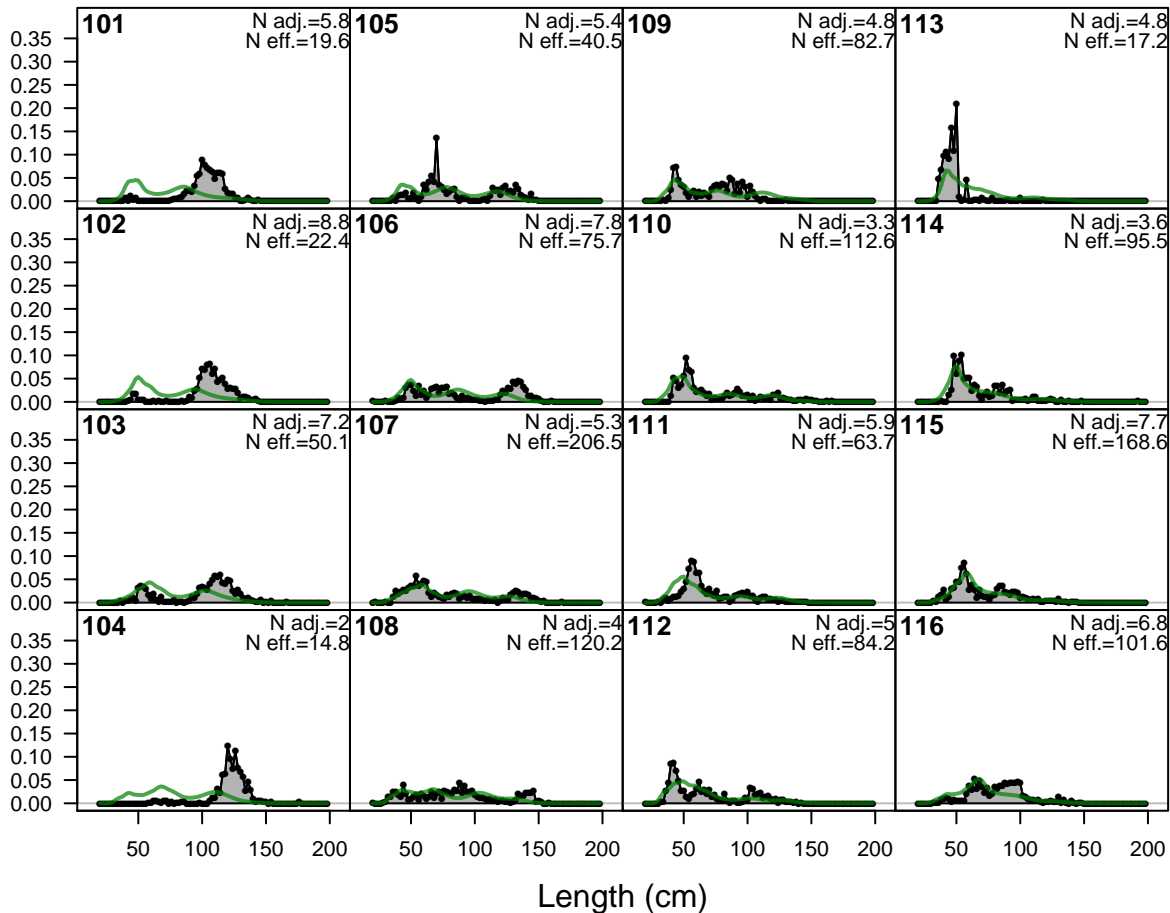




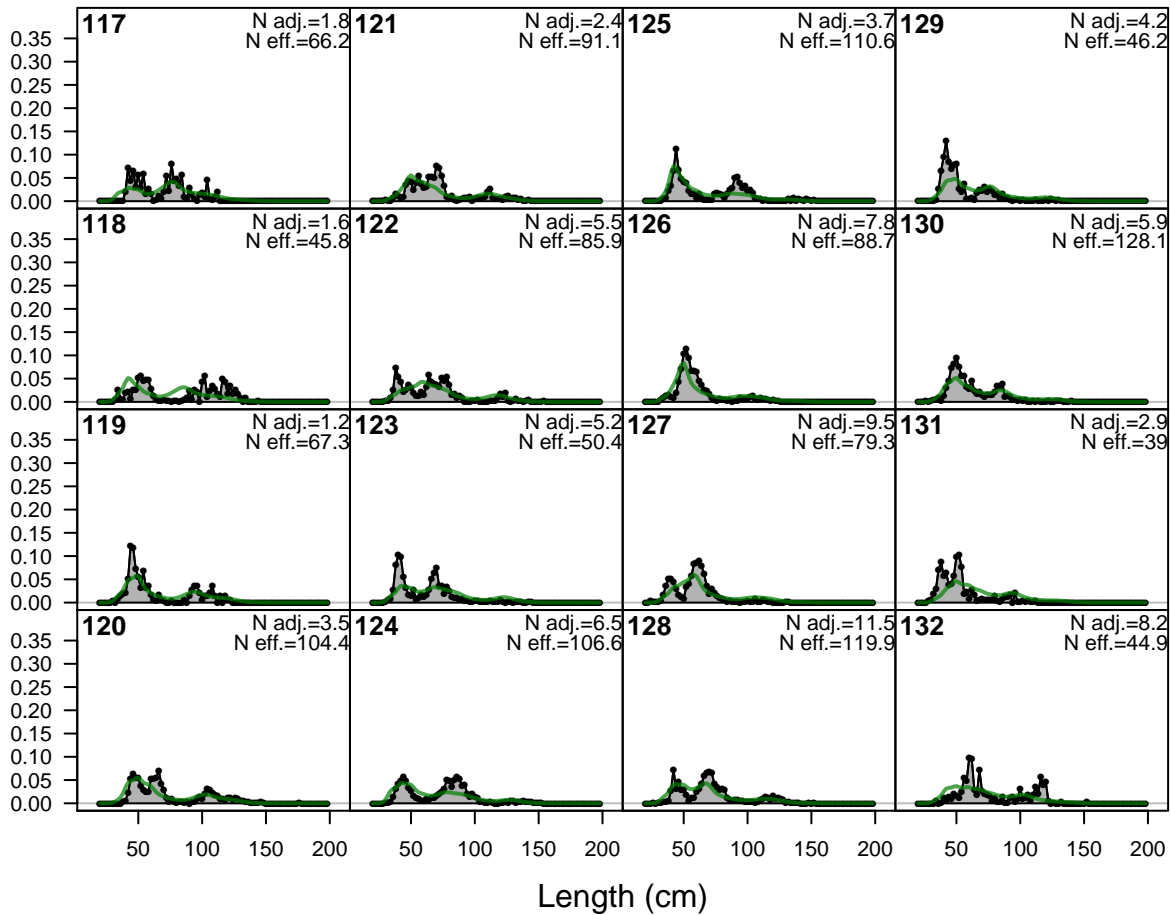
## A2-OBJ (whole catch)



Proportion

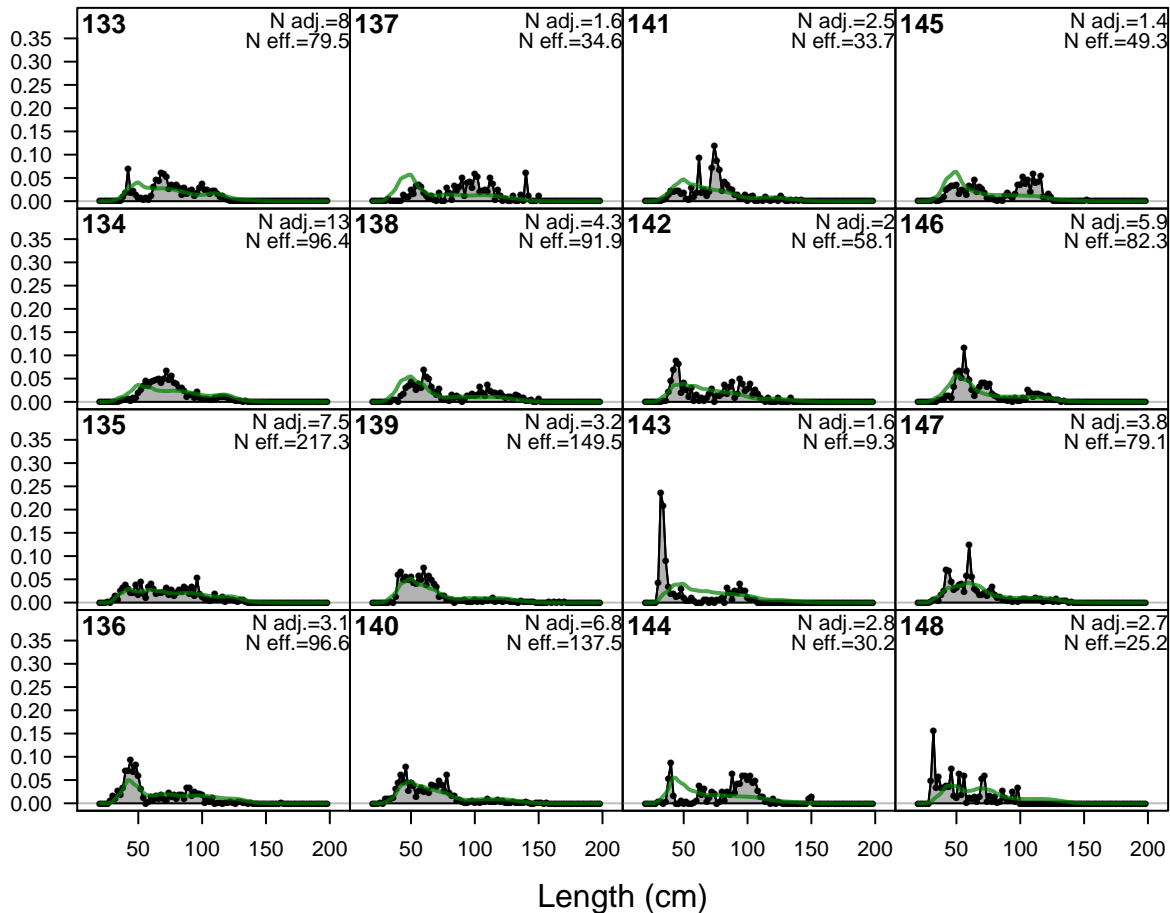


Proportion

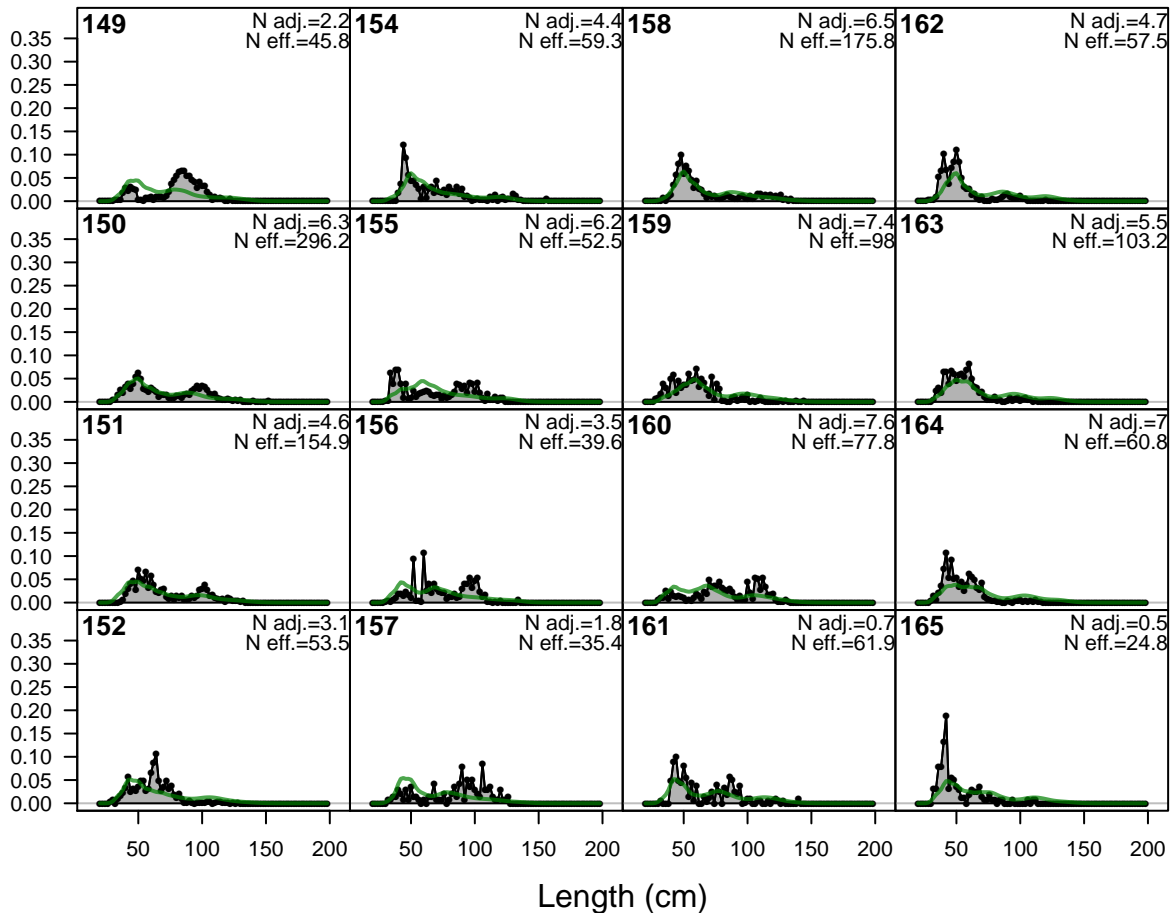




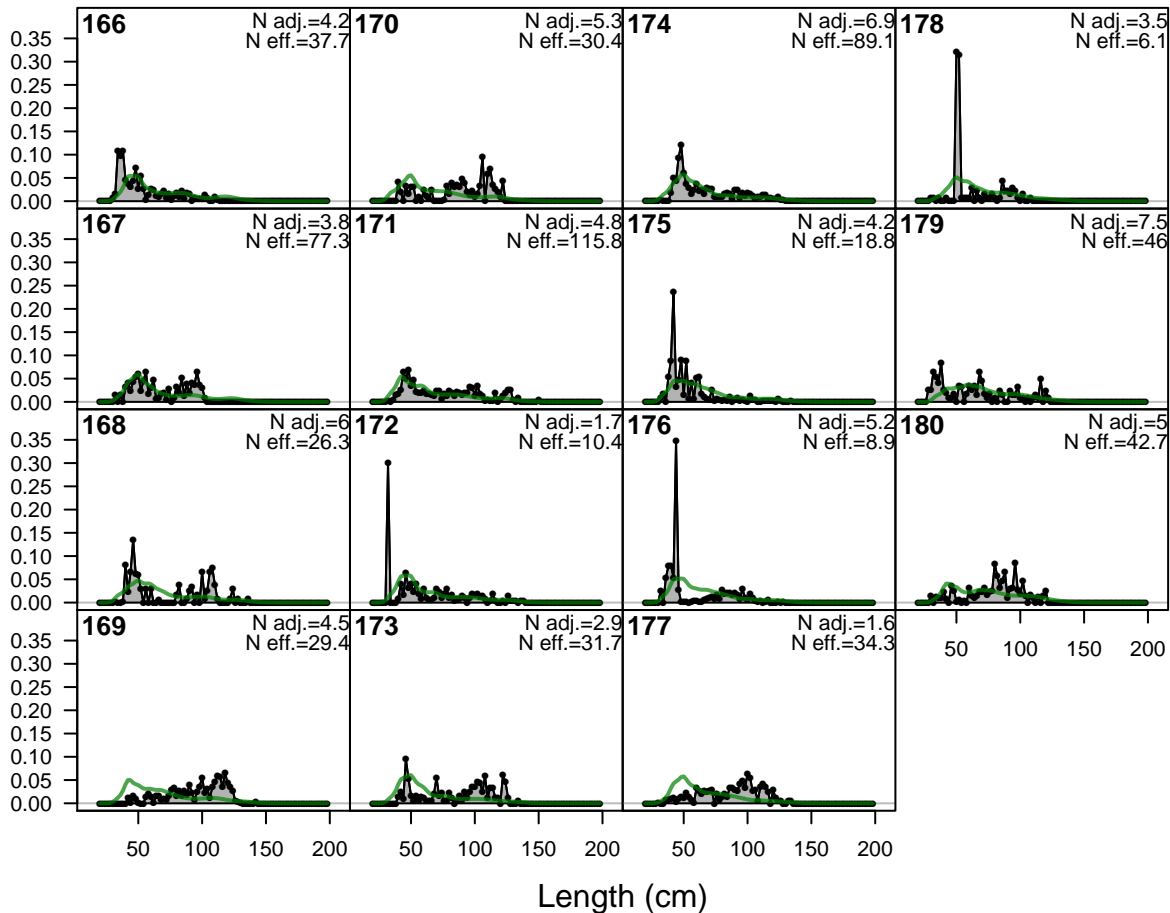
Proportion

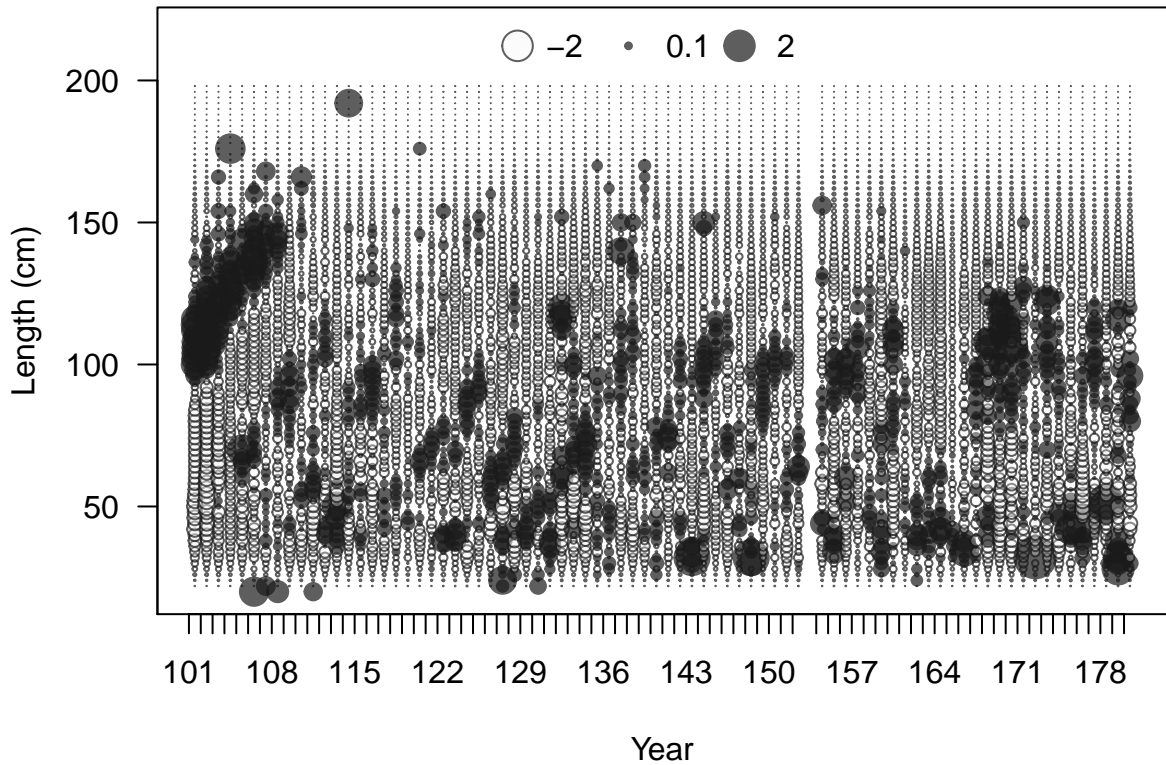


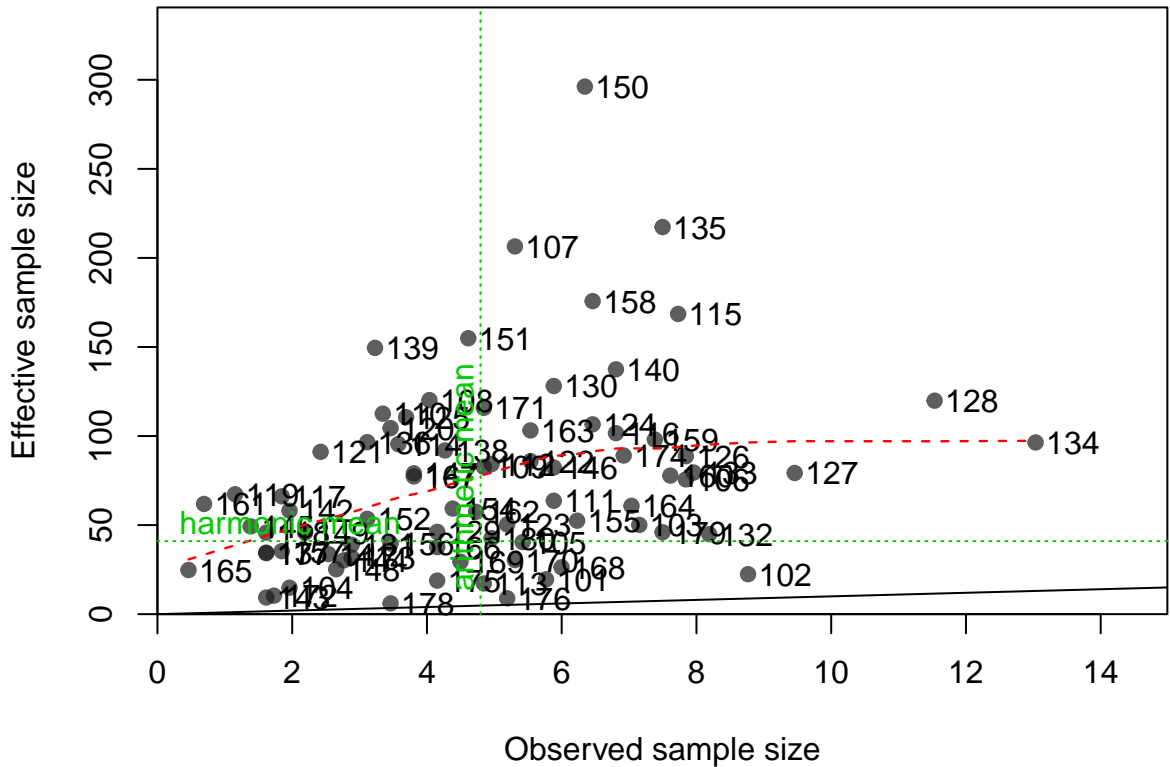
Proportion



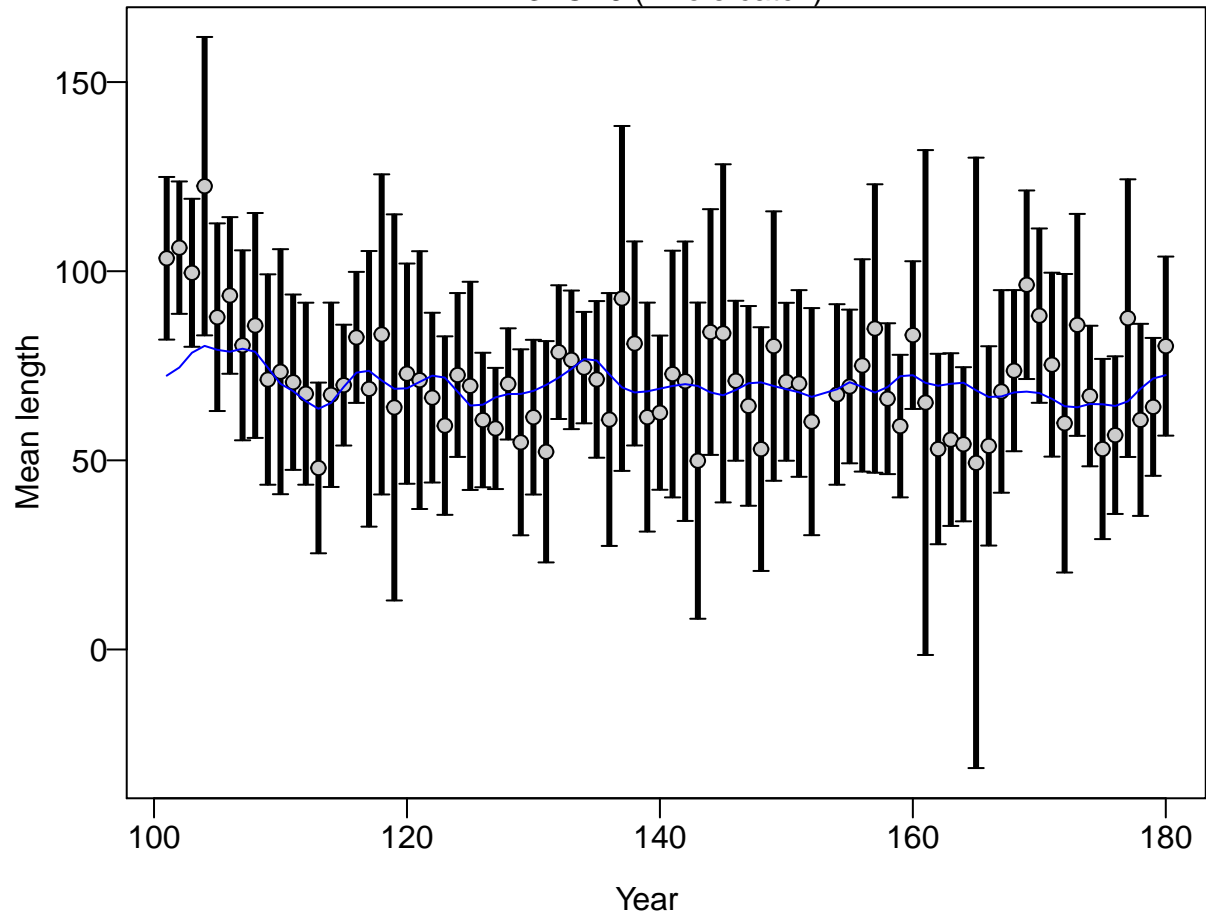
Proportion



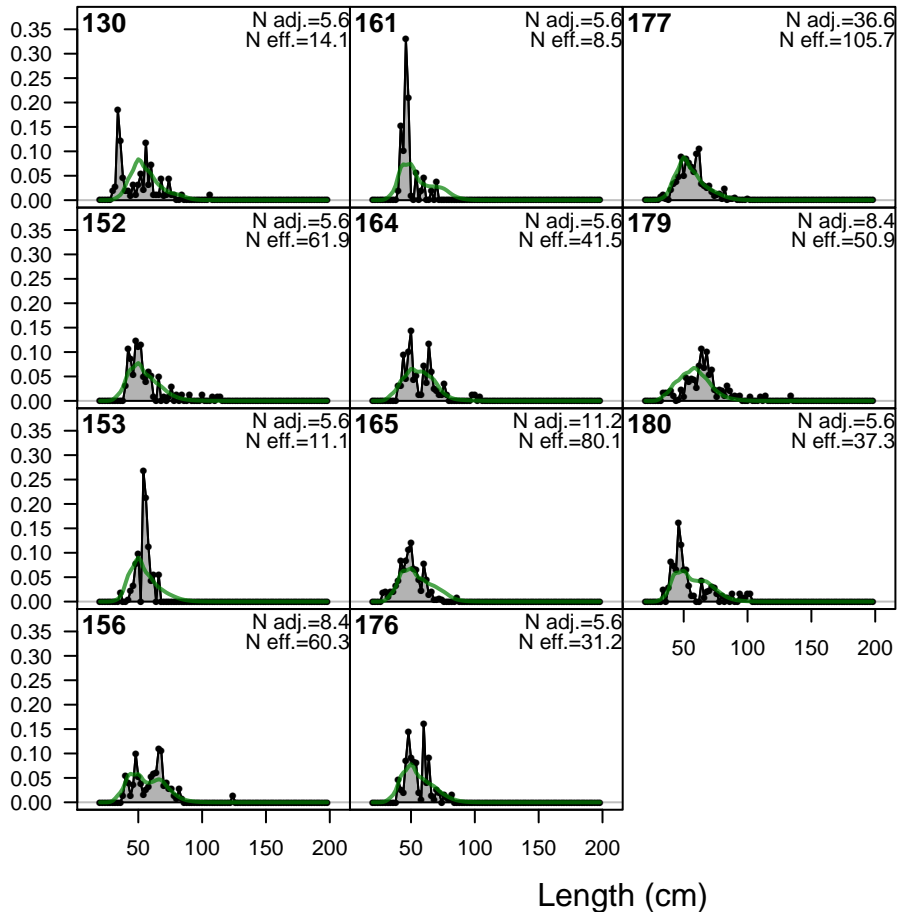


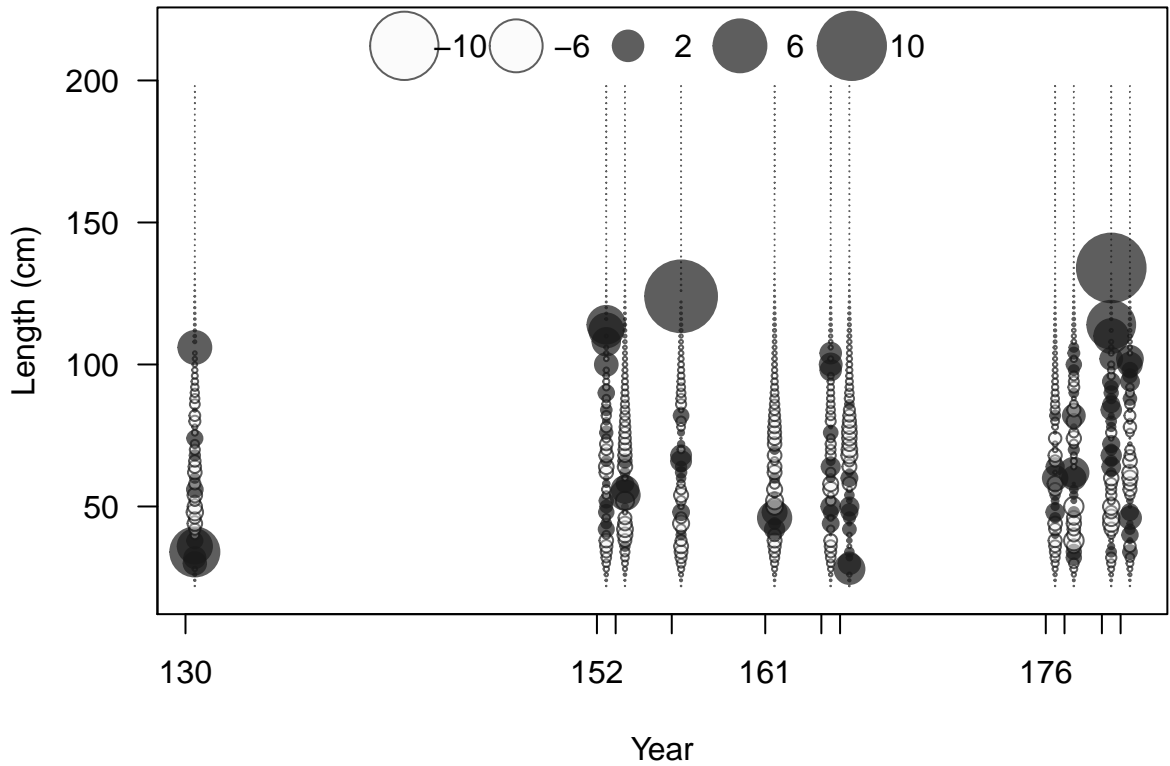


## A3-OBJ (whole catch)

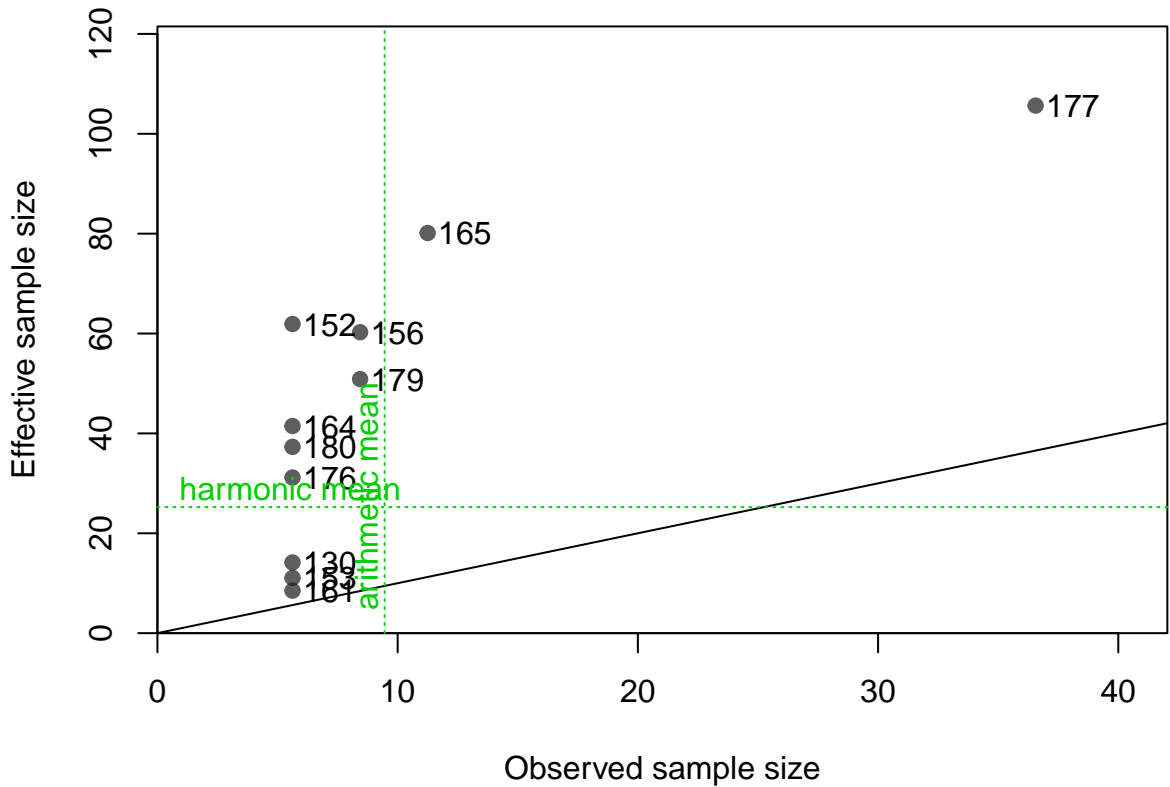


Proportion

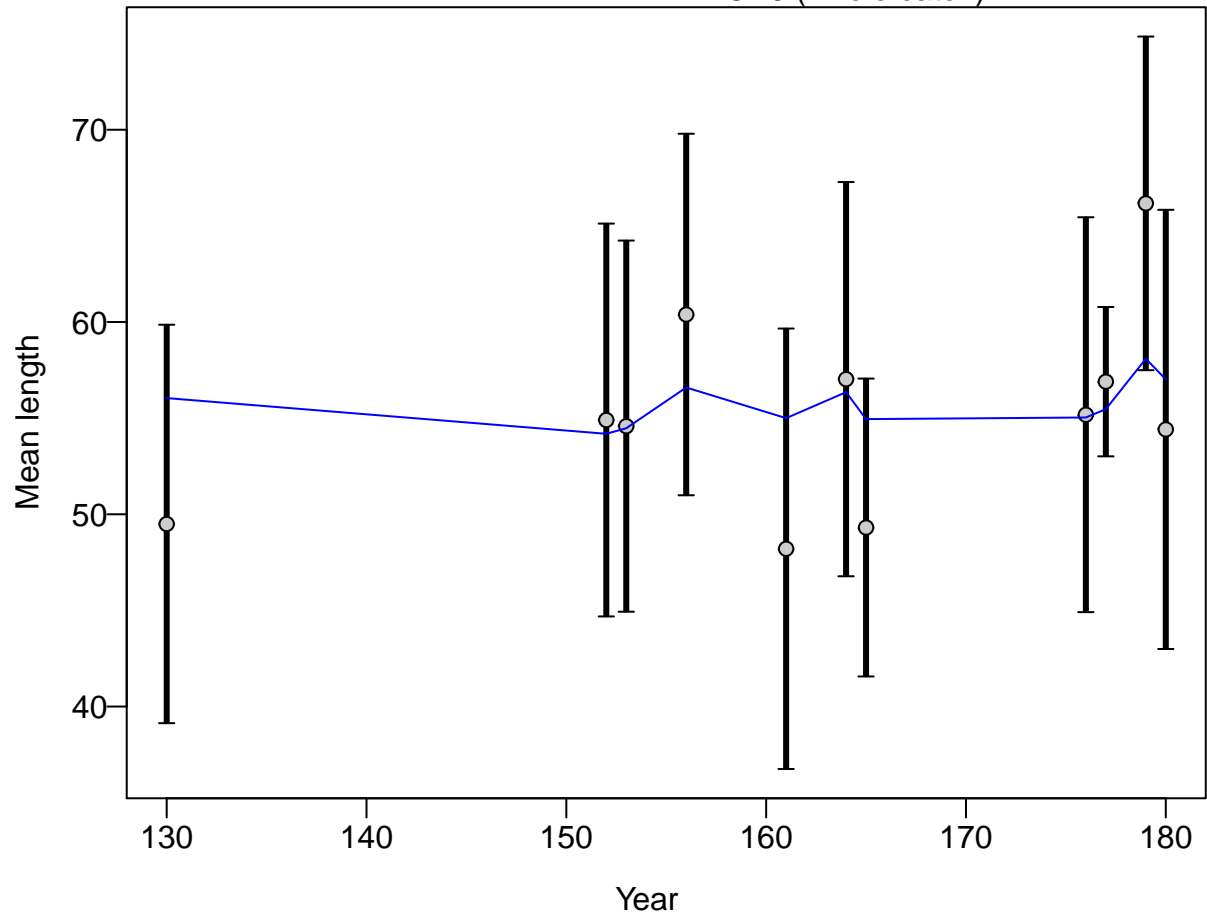




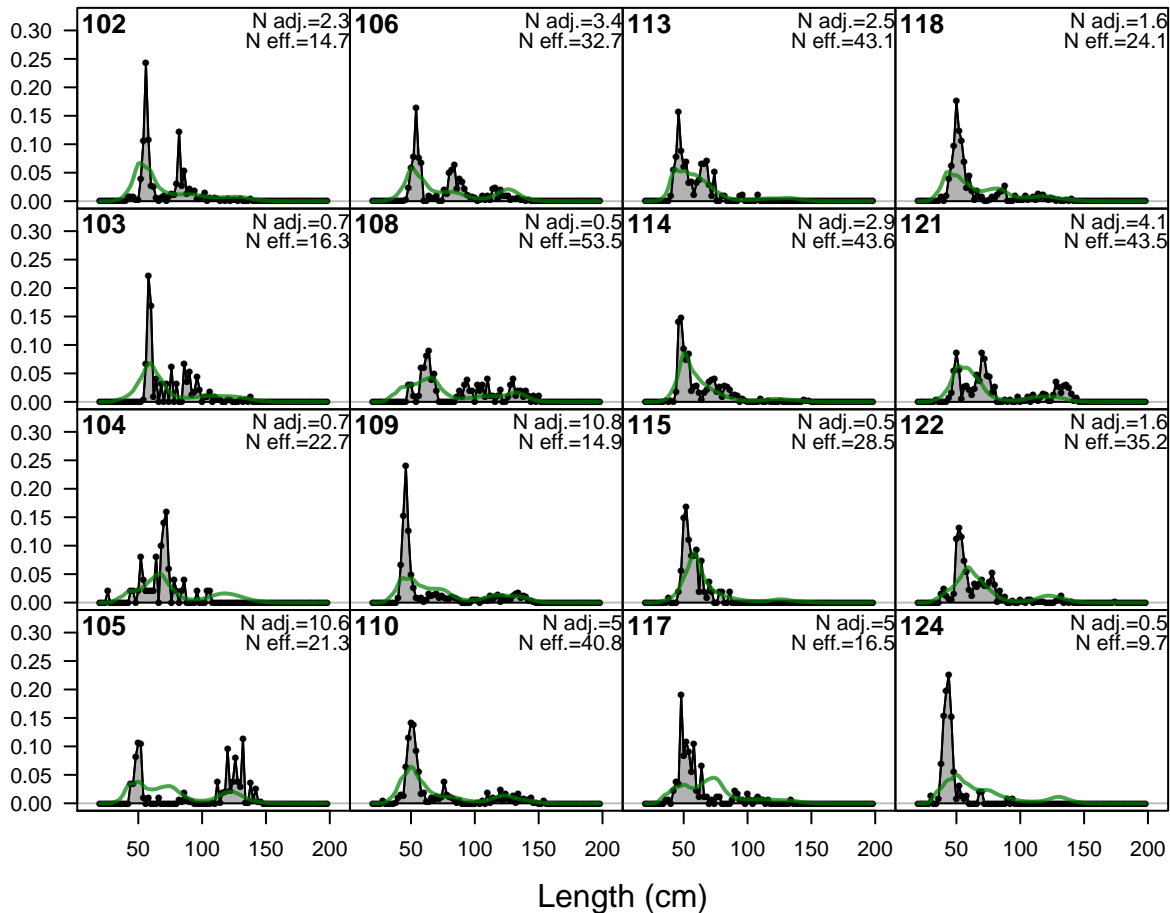




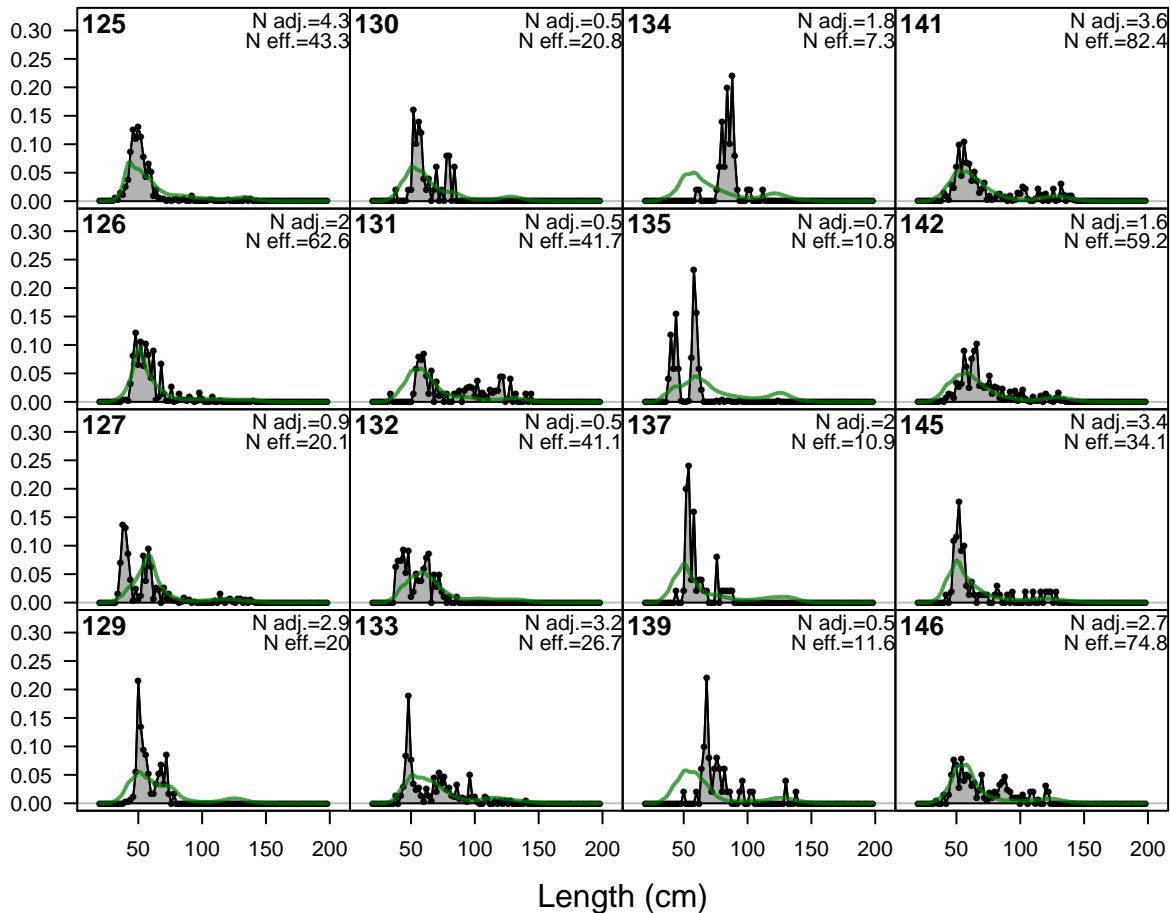
A4-OBJ (whole catch)



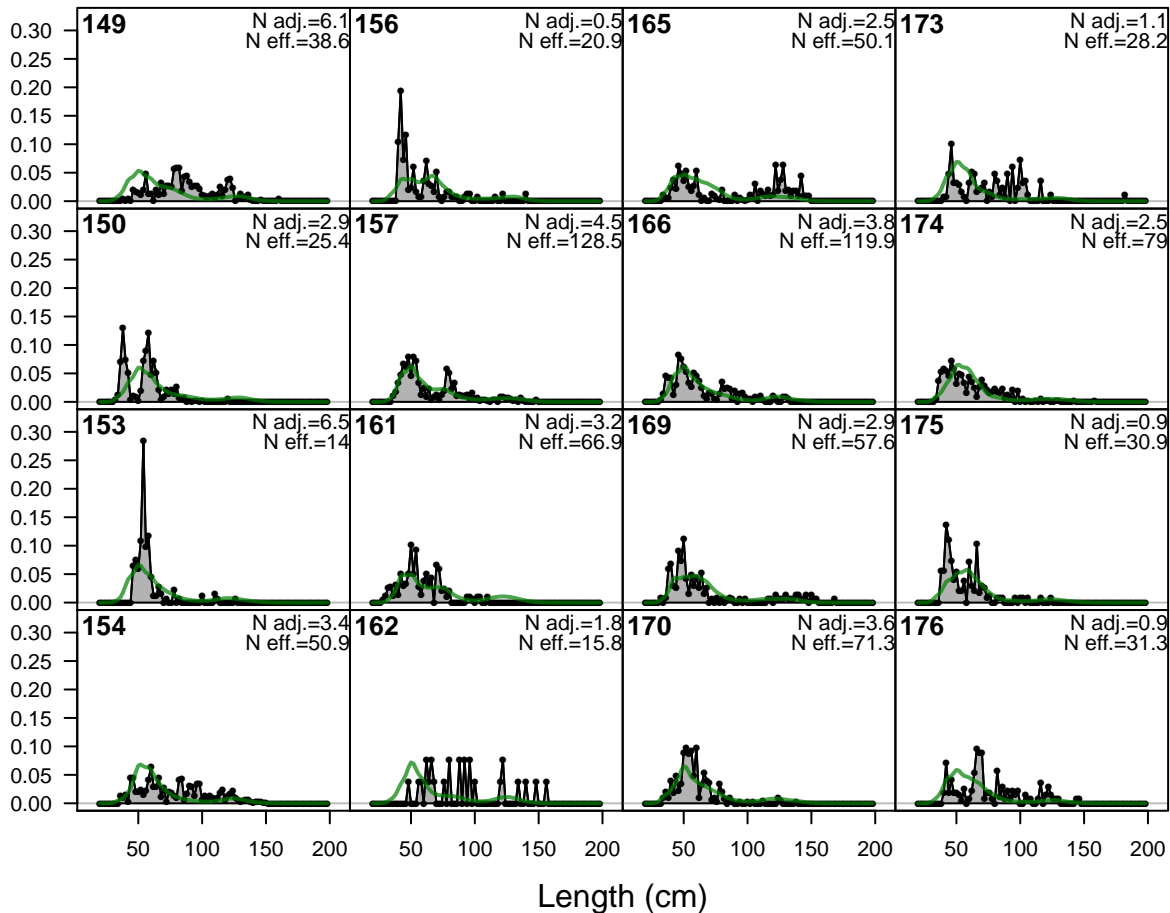
Proportion



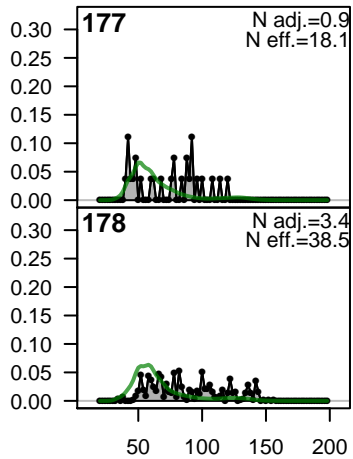
Proportion



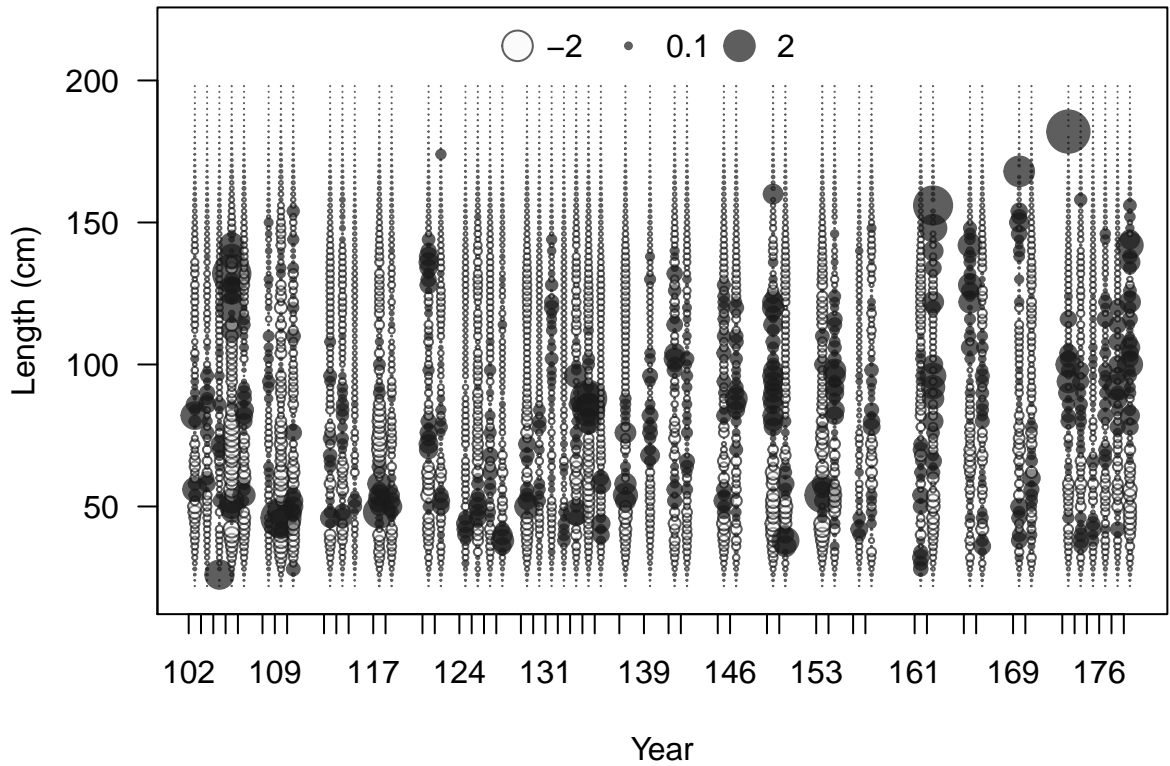
Proportion



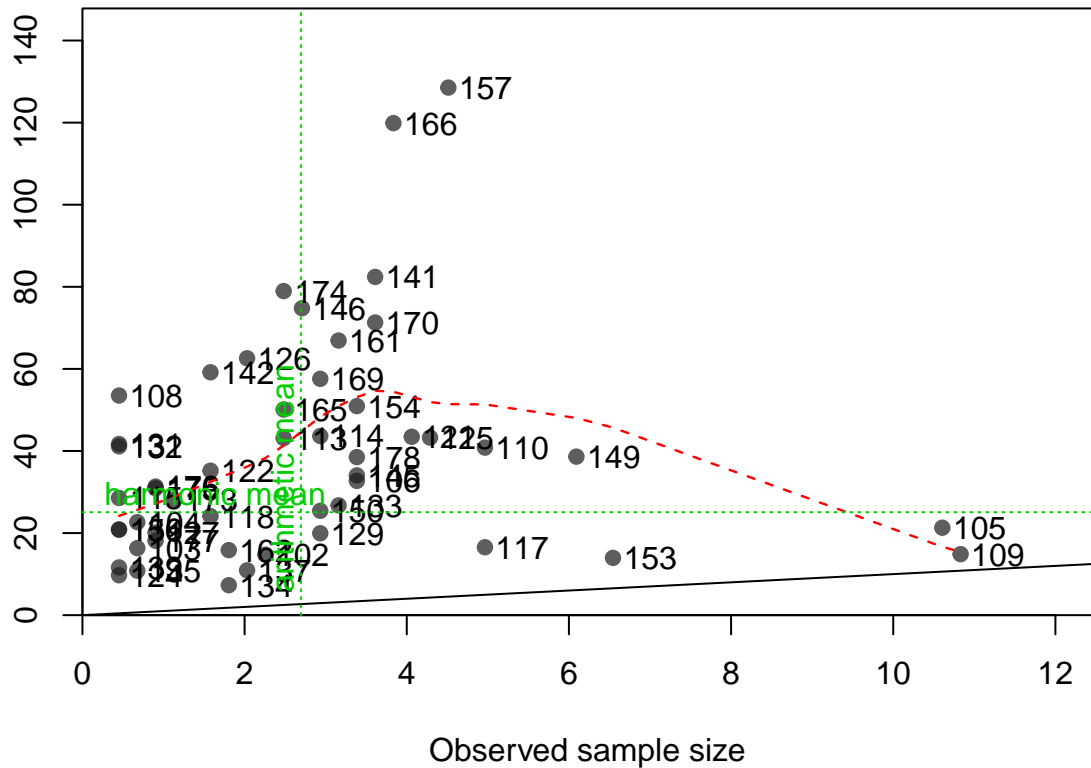
Proportion



Length (cm)

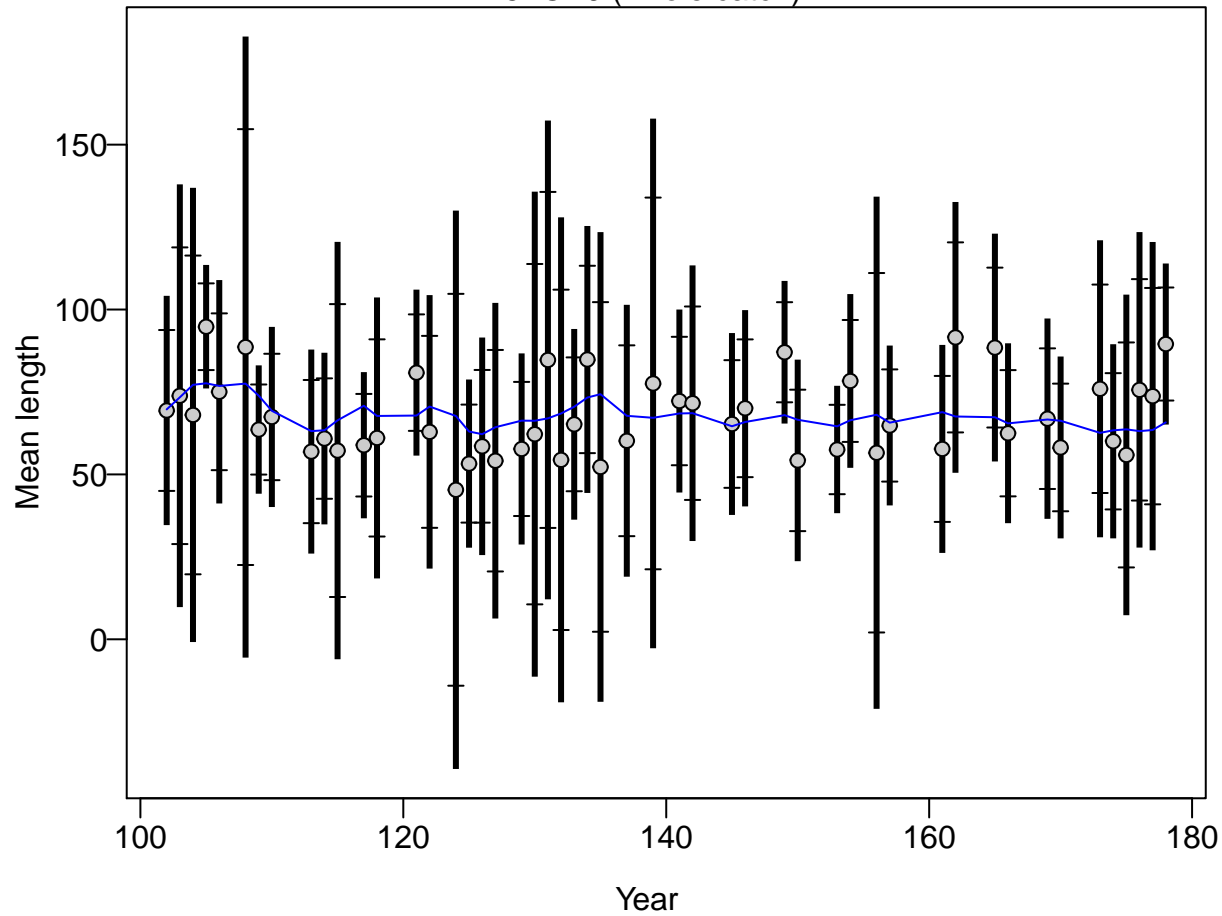


Effective sample size

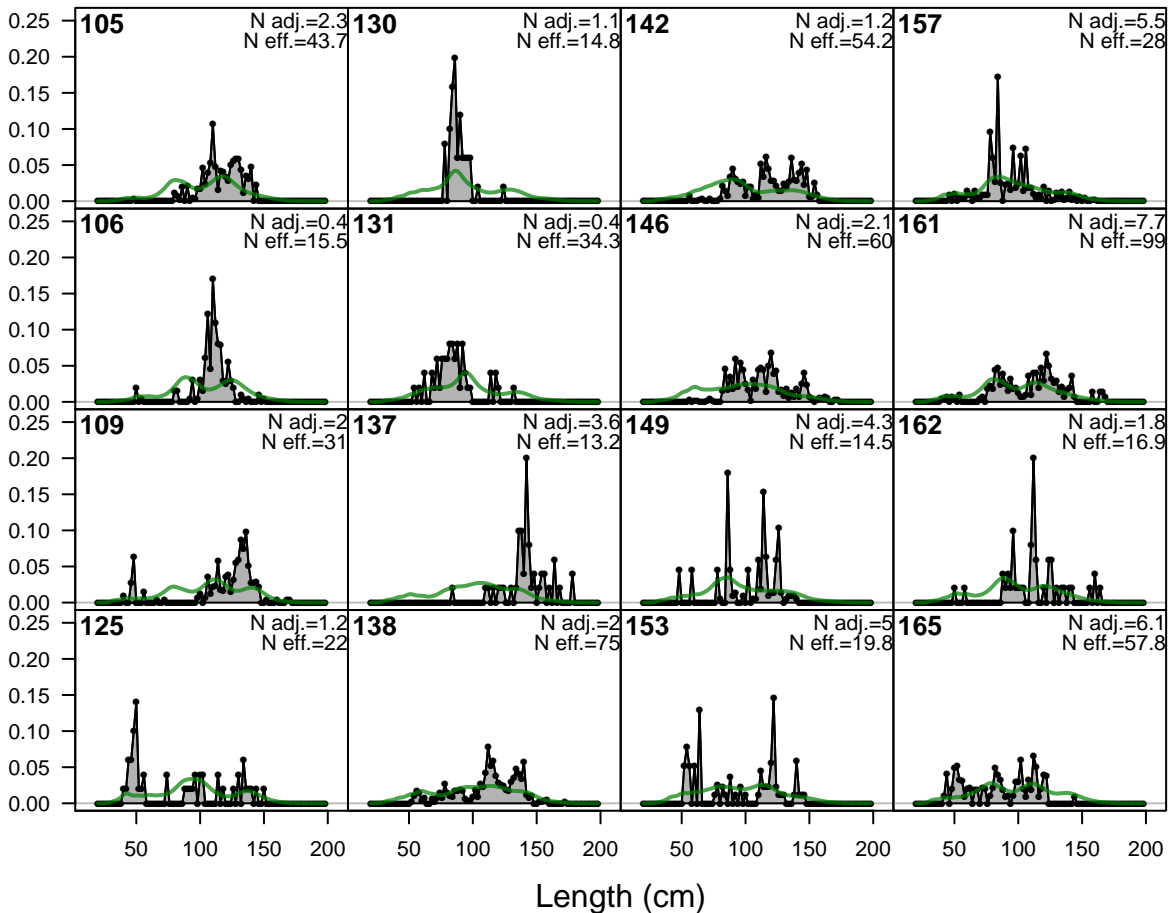




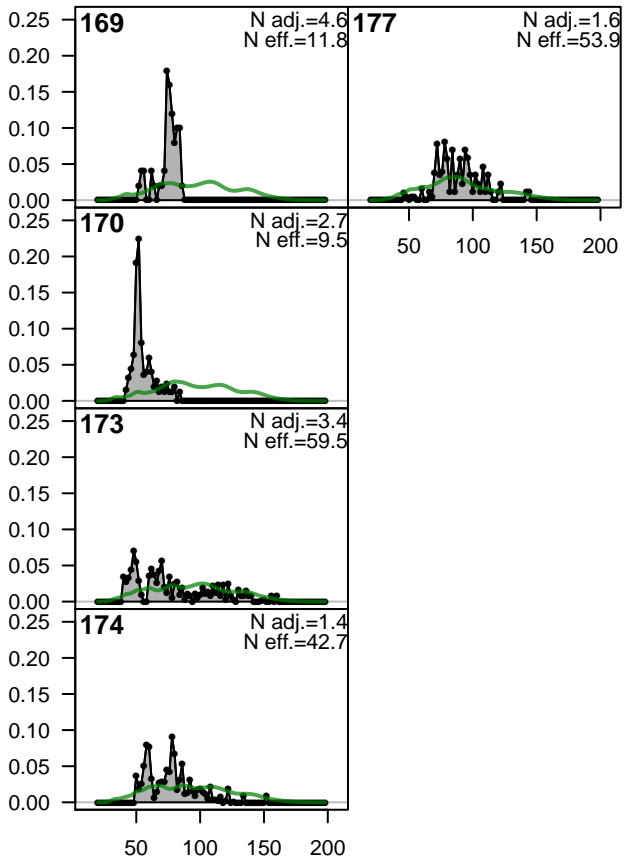
A5-OBJ (whole catch)



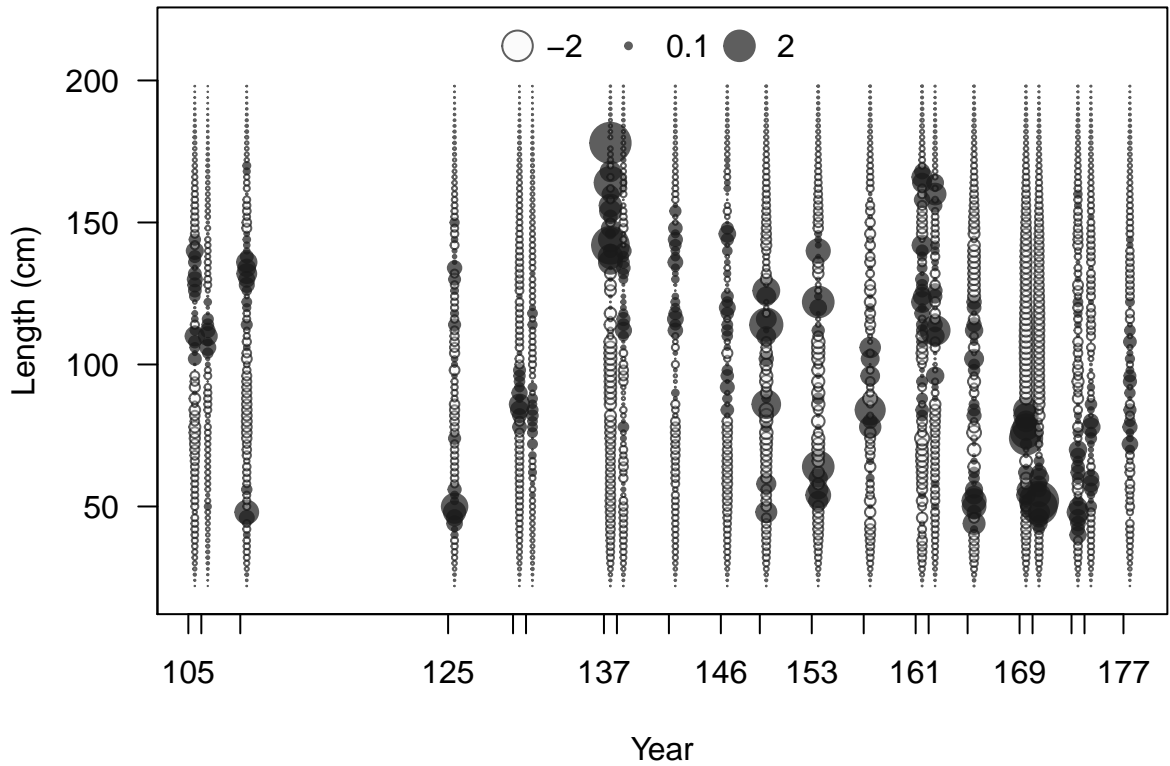
Proportion

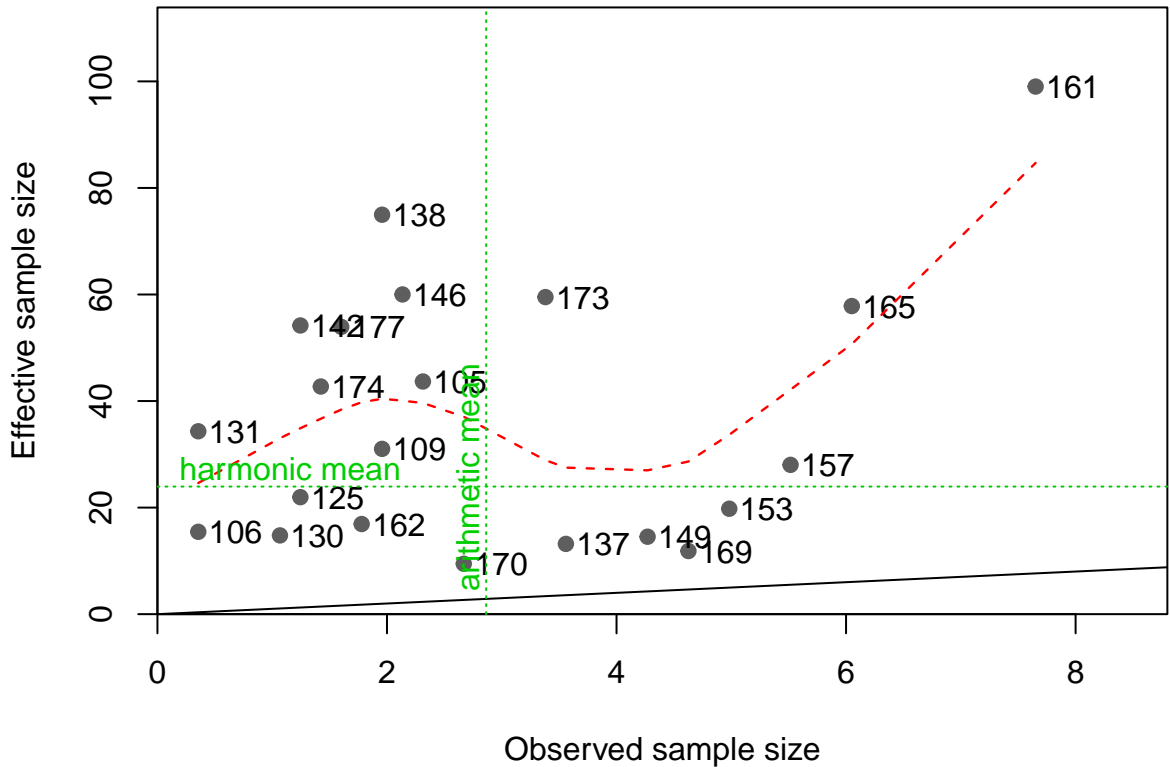


Proportion

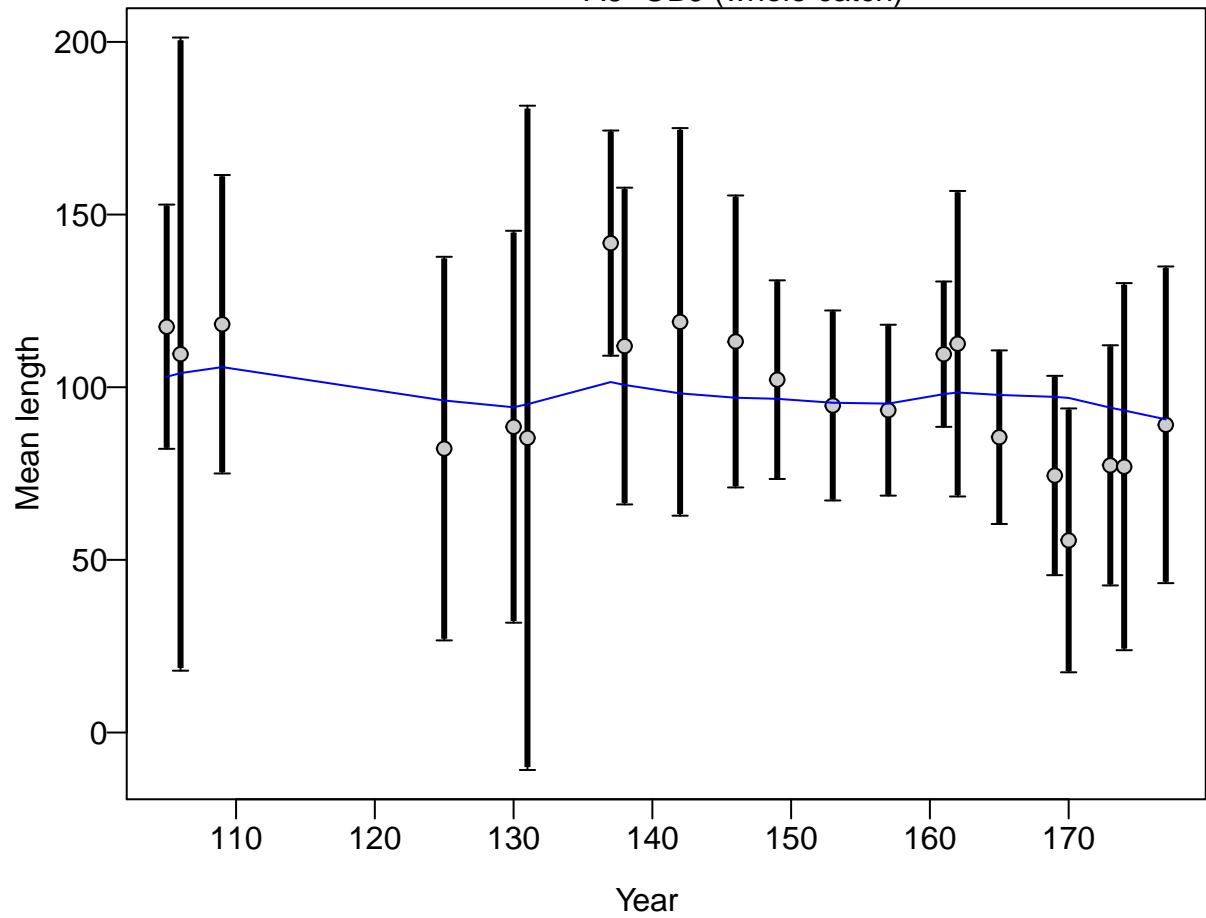


Length (cm)

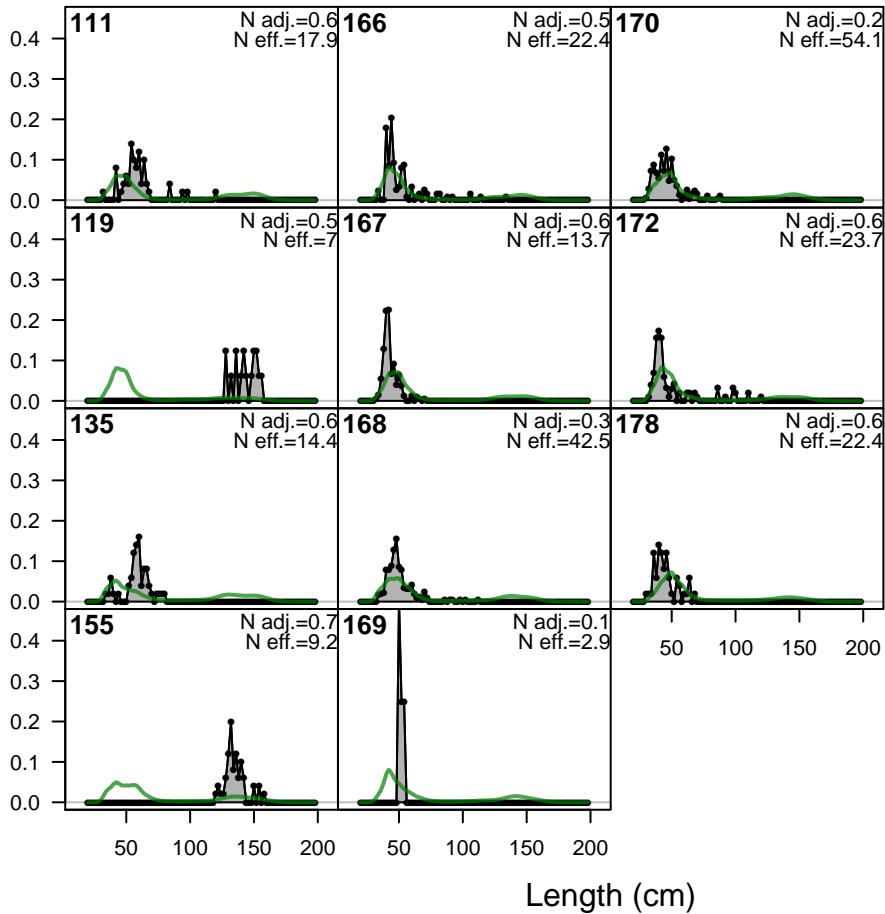


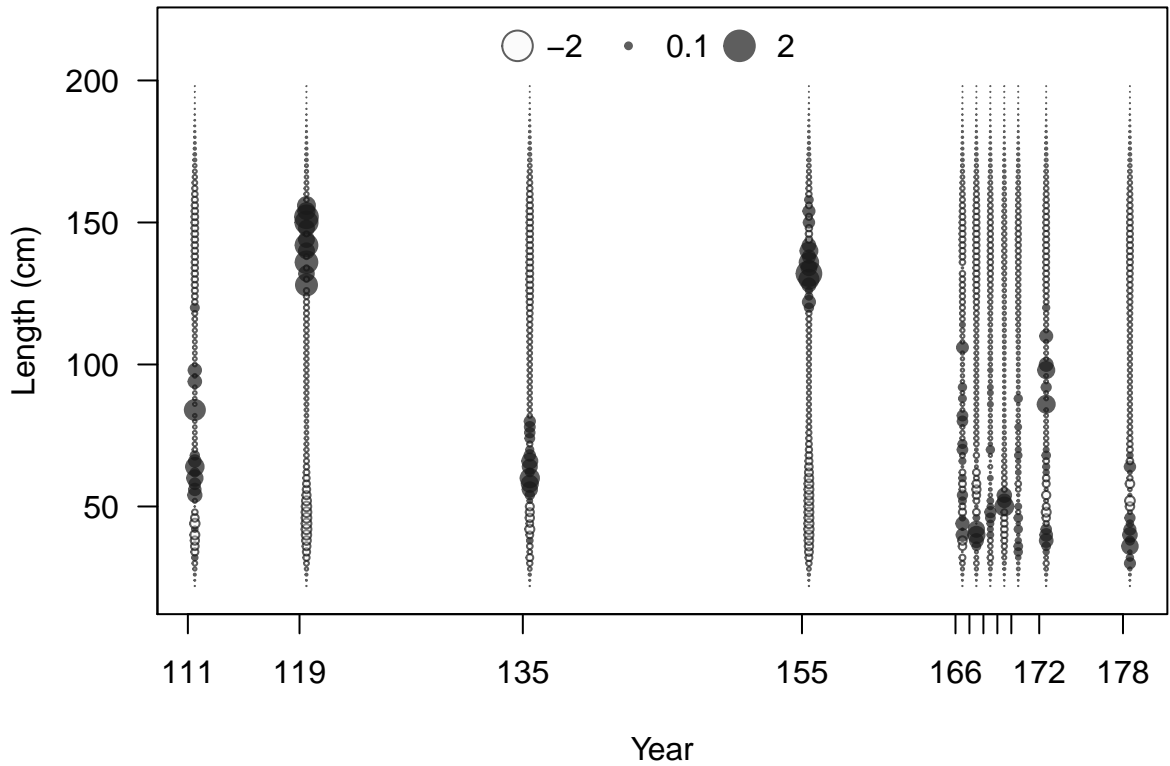


## A6-OBJ (whole catch)

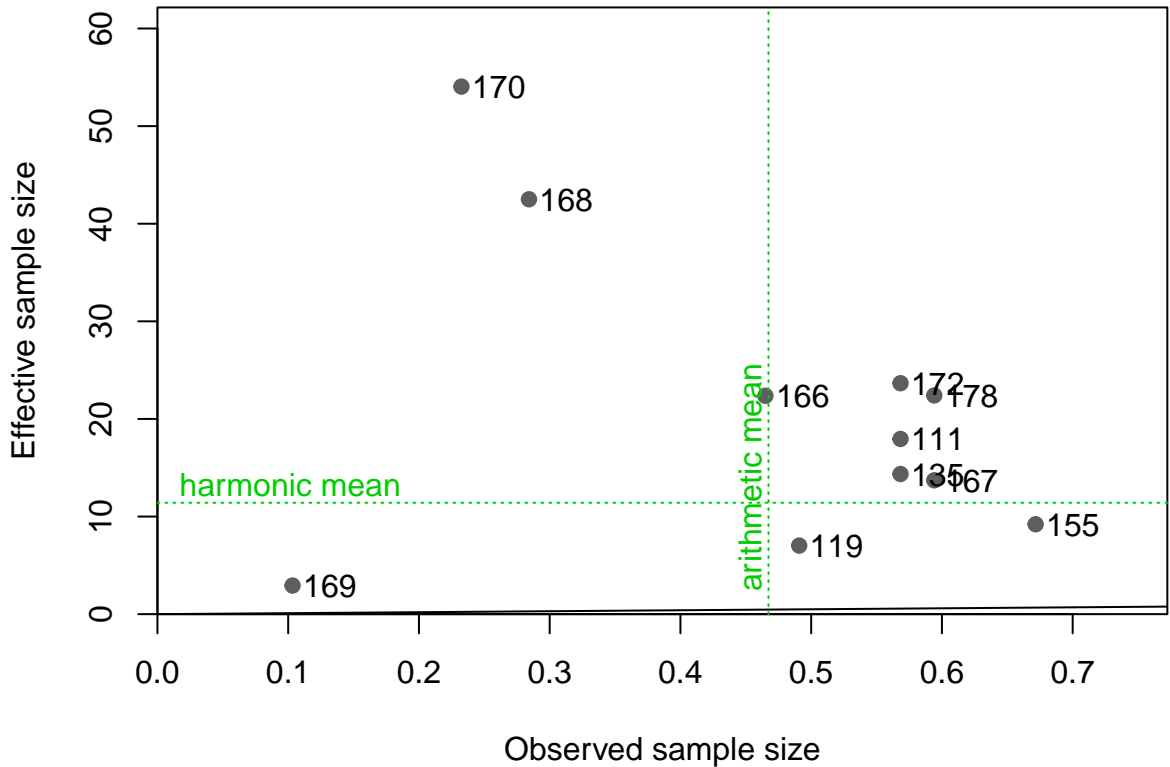


Proportion

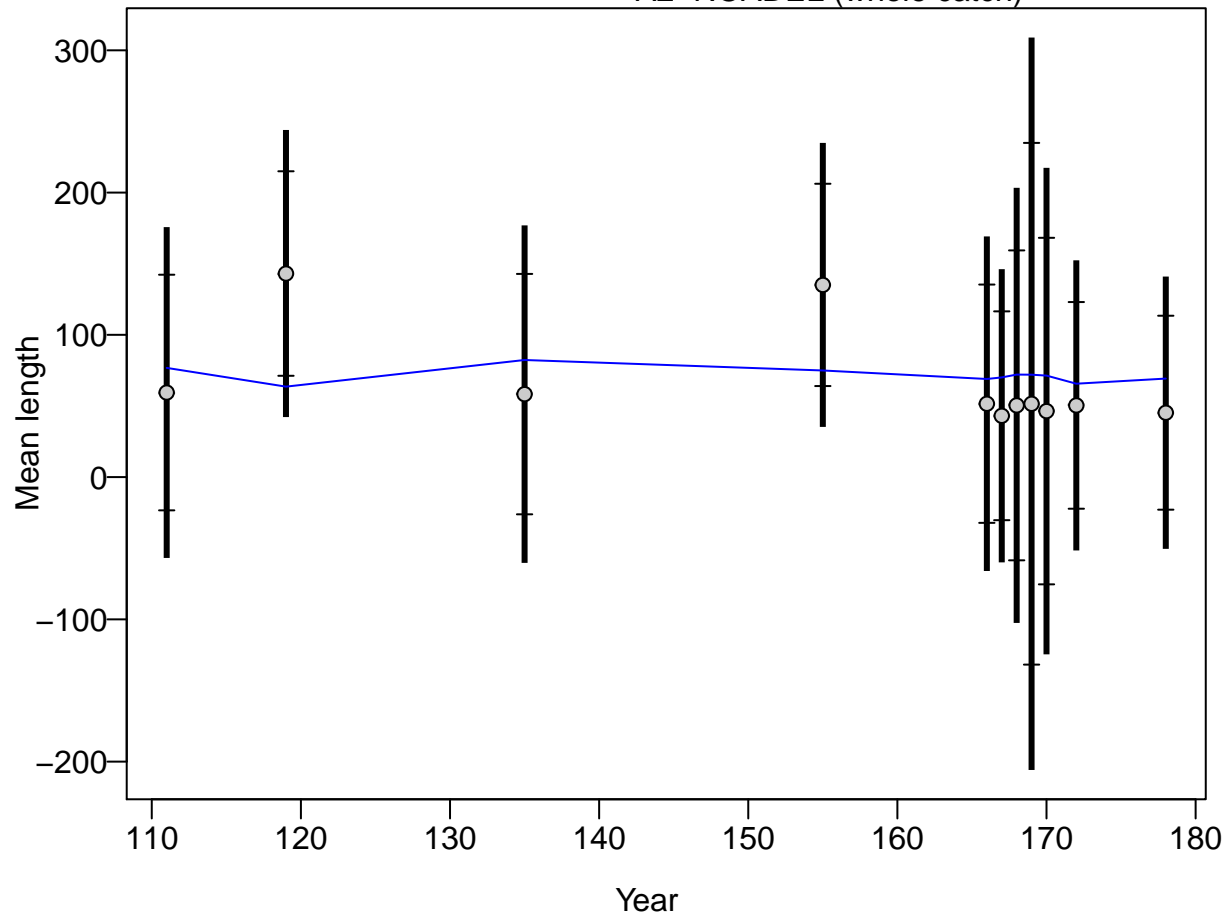




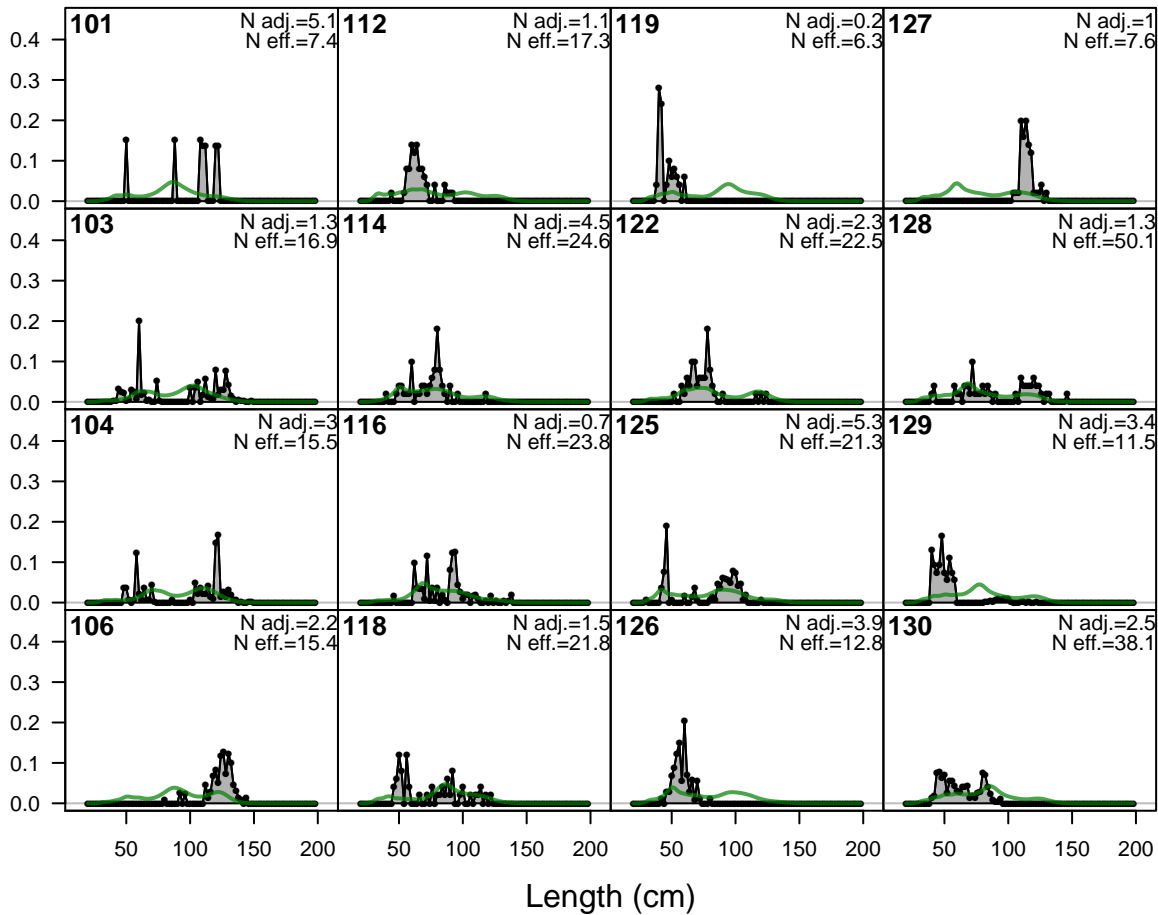




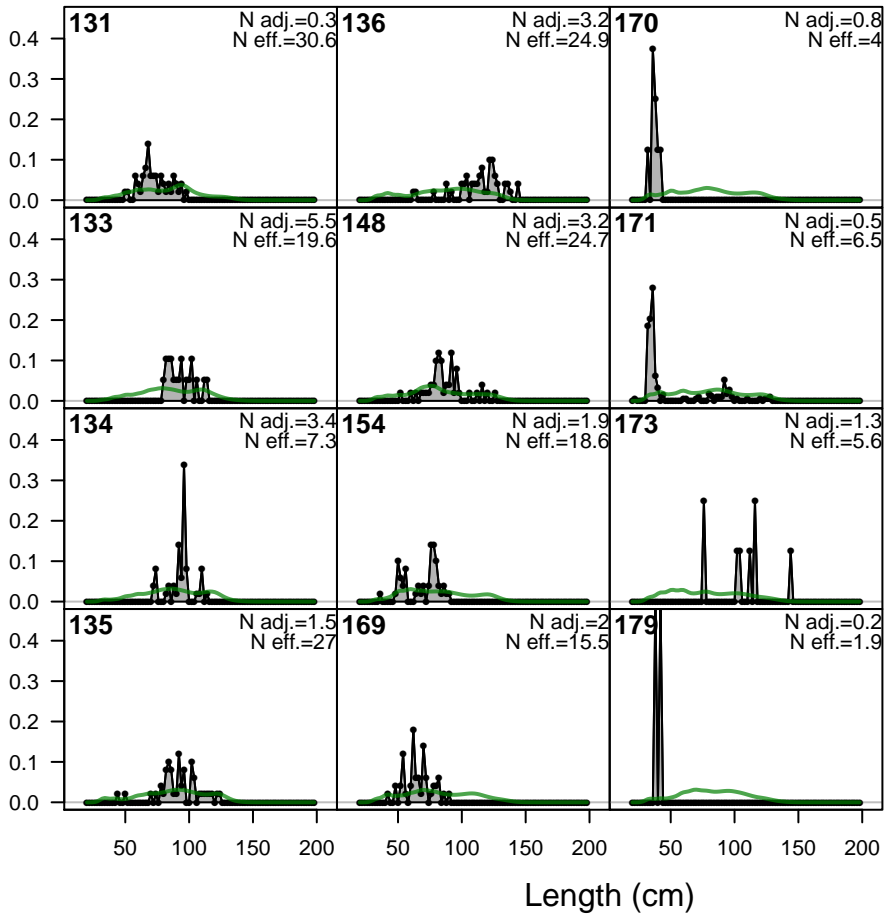
A2-NOADEL (whole catch)

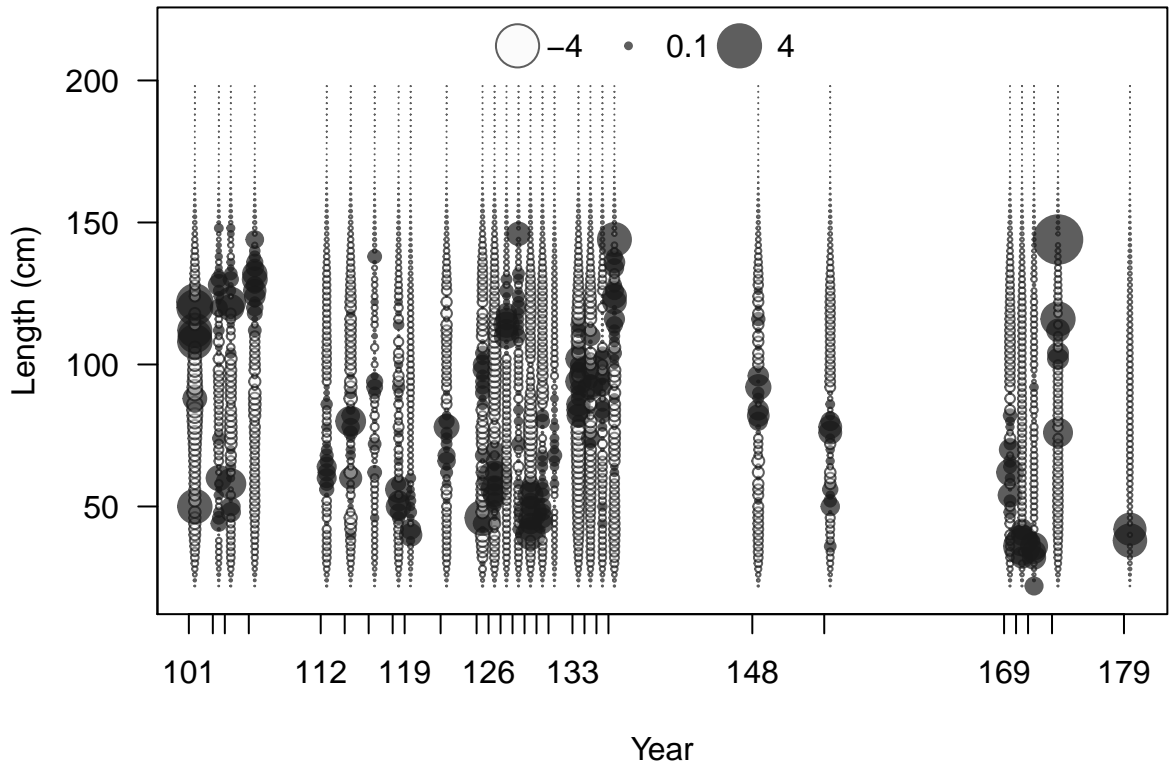


Proportion

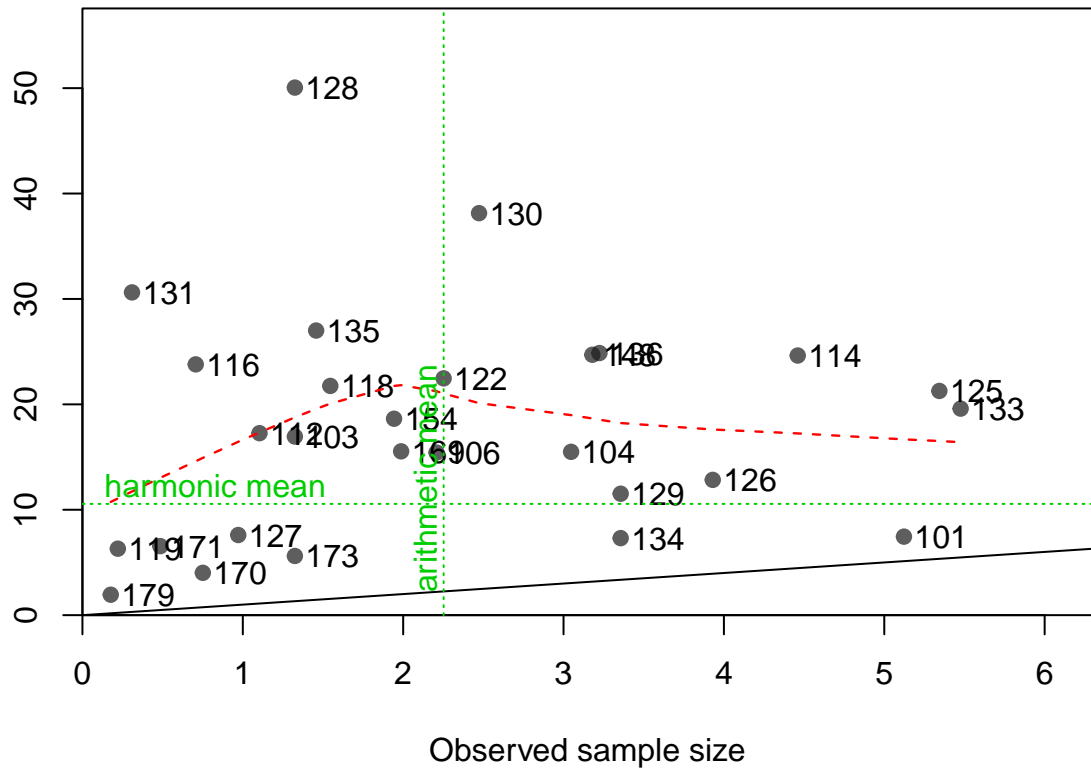


Proportion

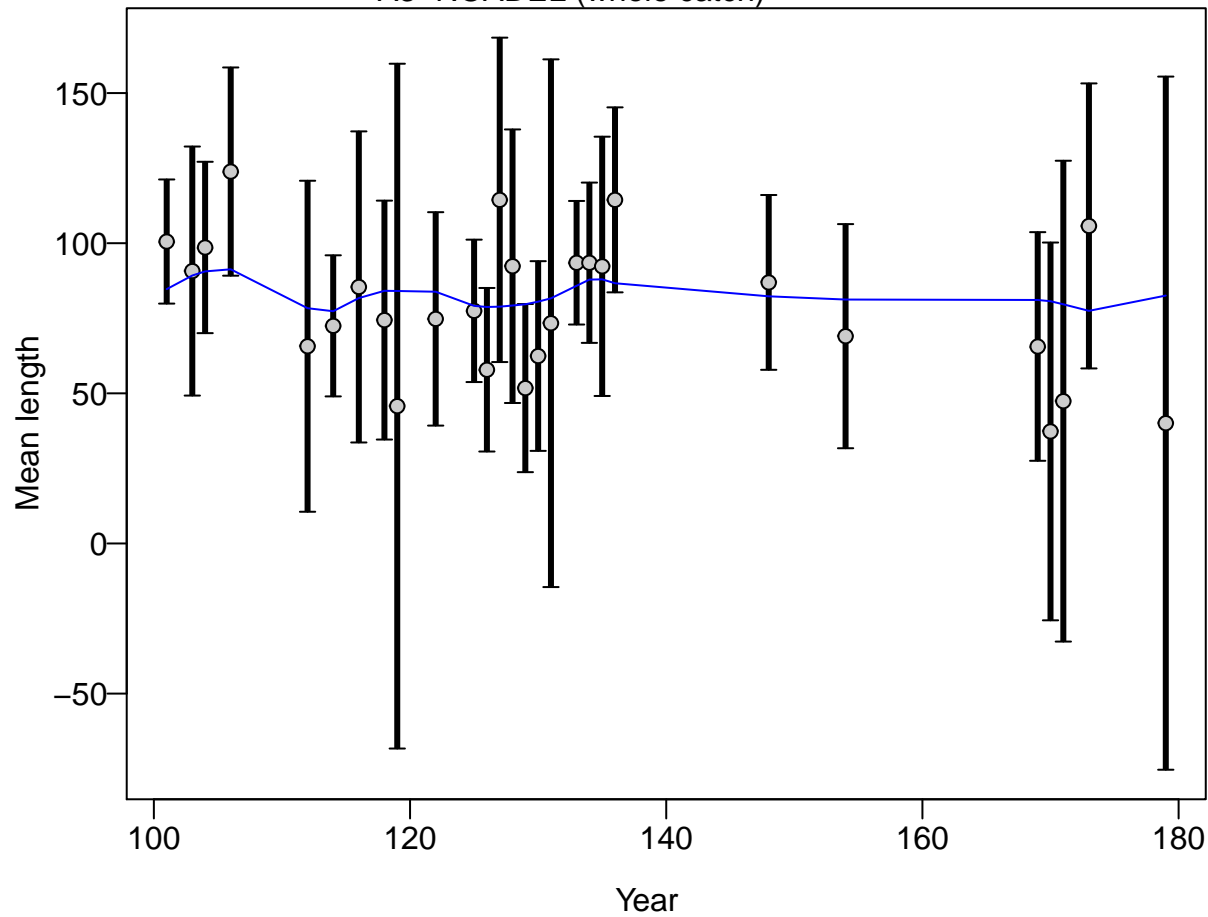




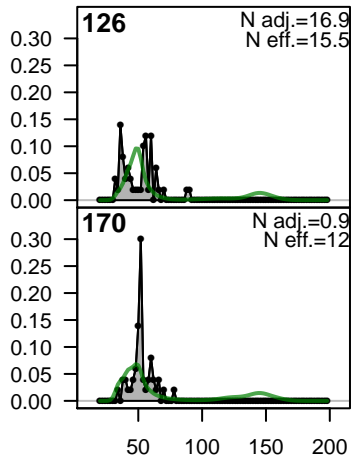
Effective sample size



A3-NOADEL (whole catch)

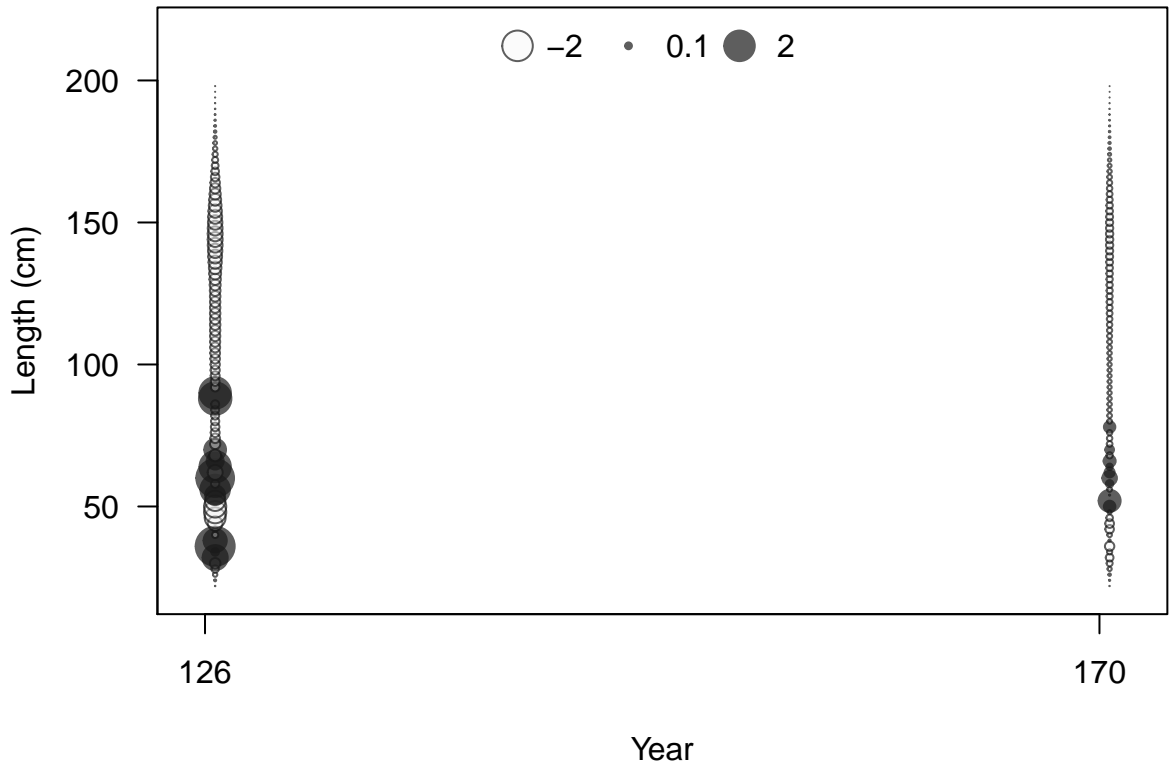


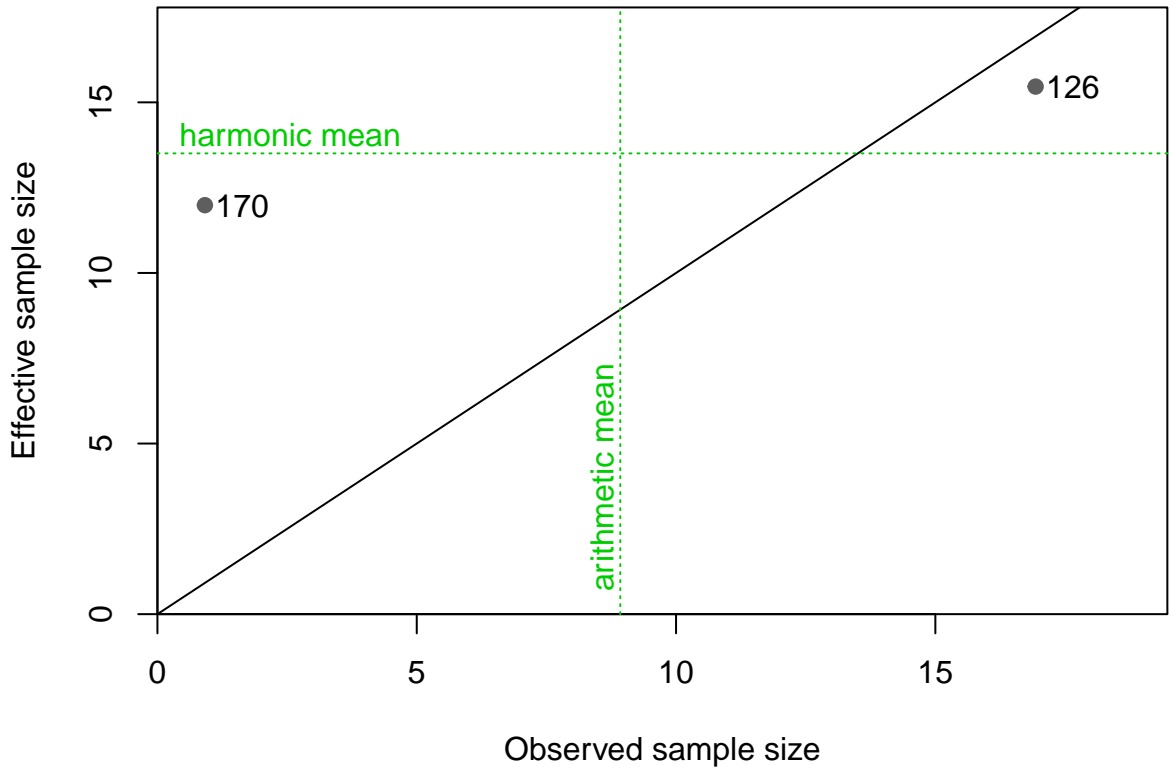
Proportion



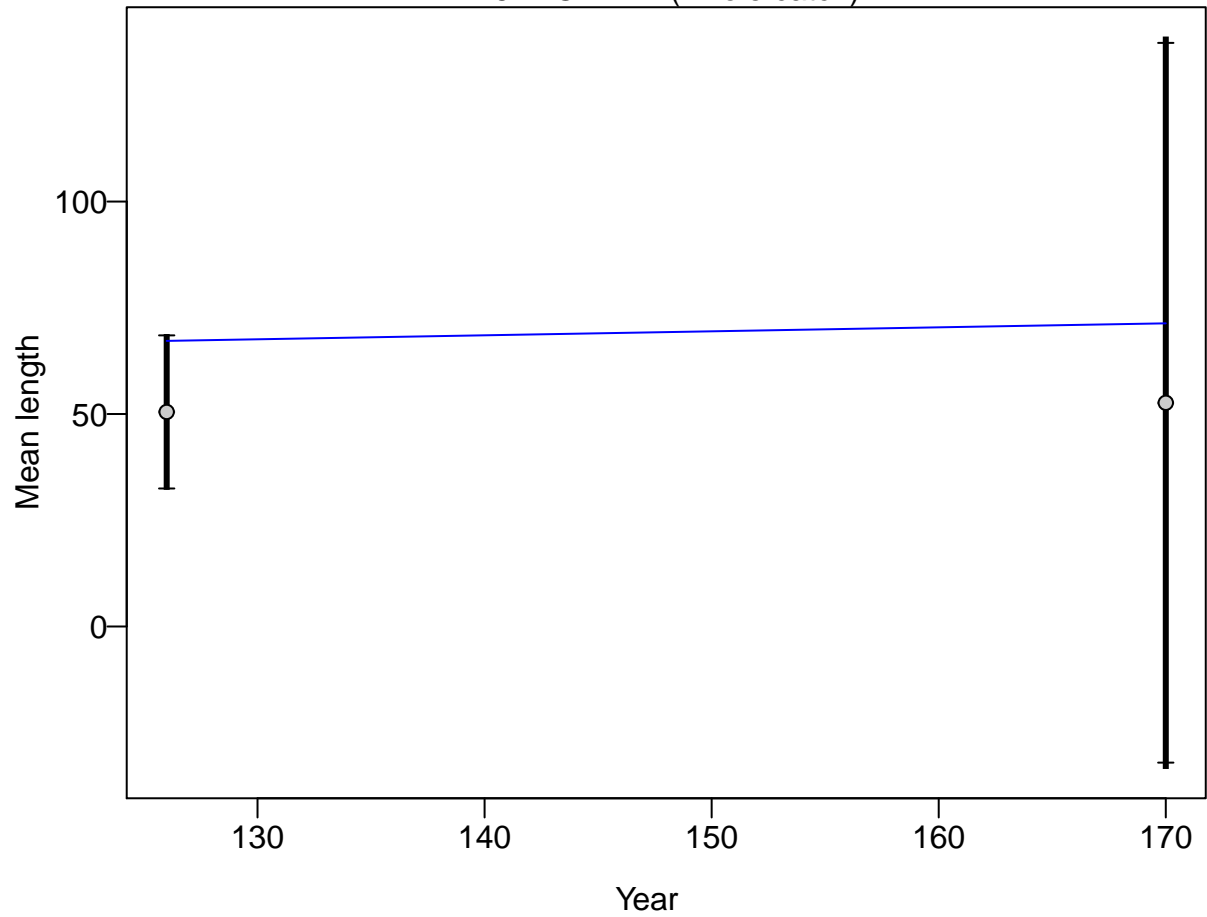
Length (cm)



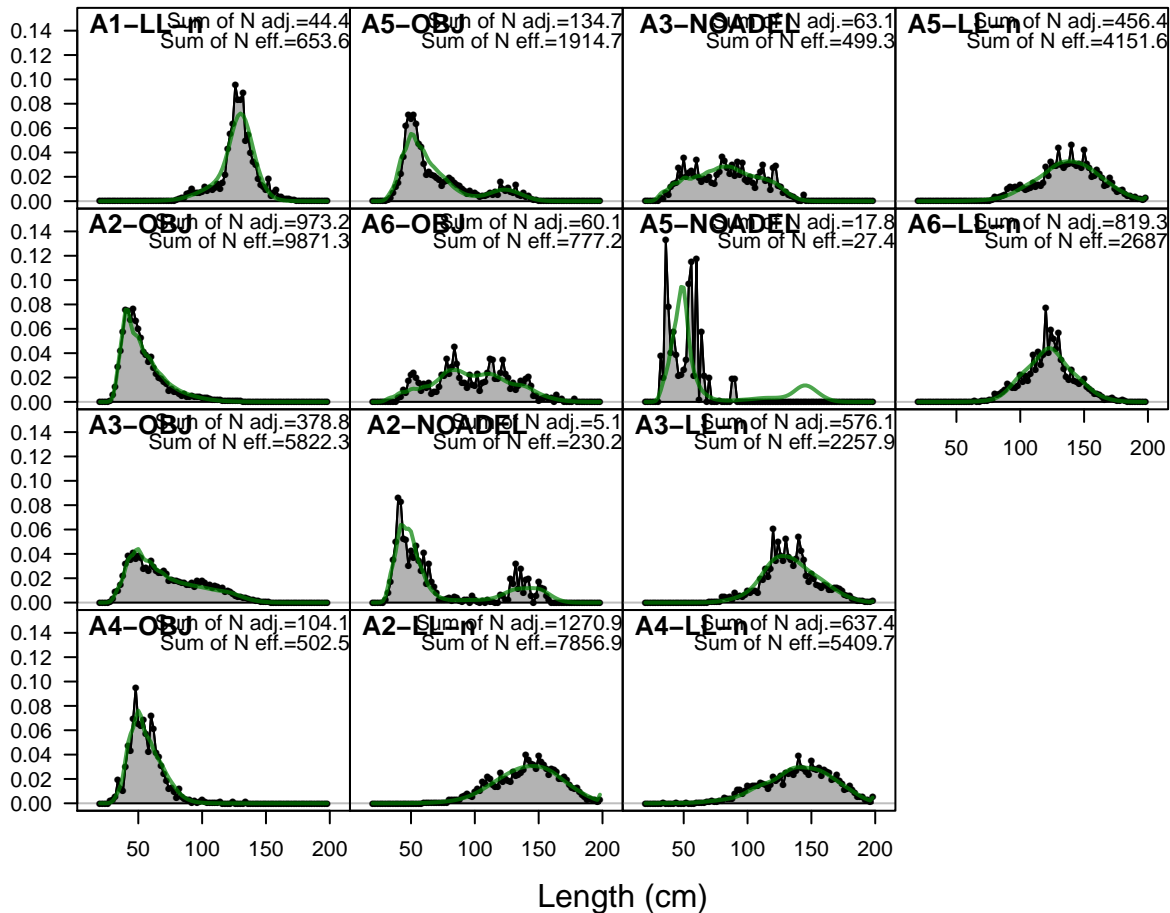


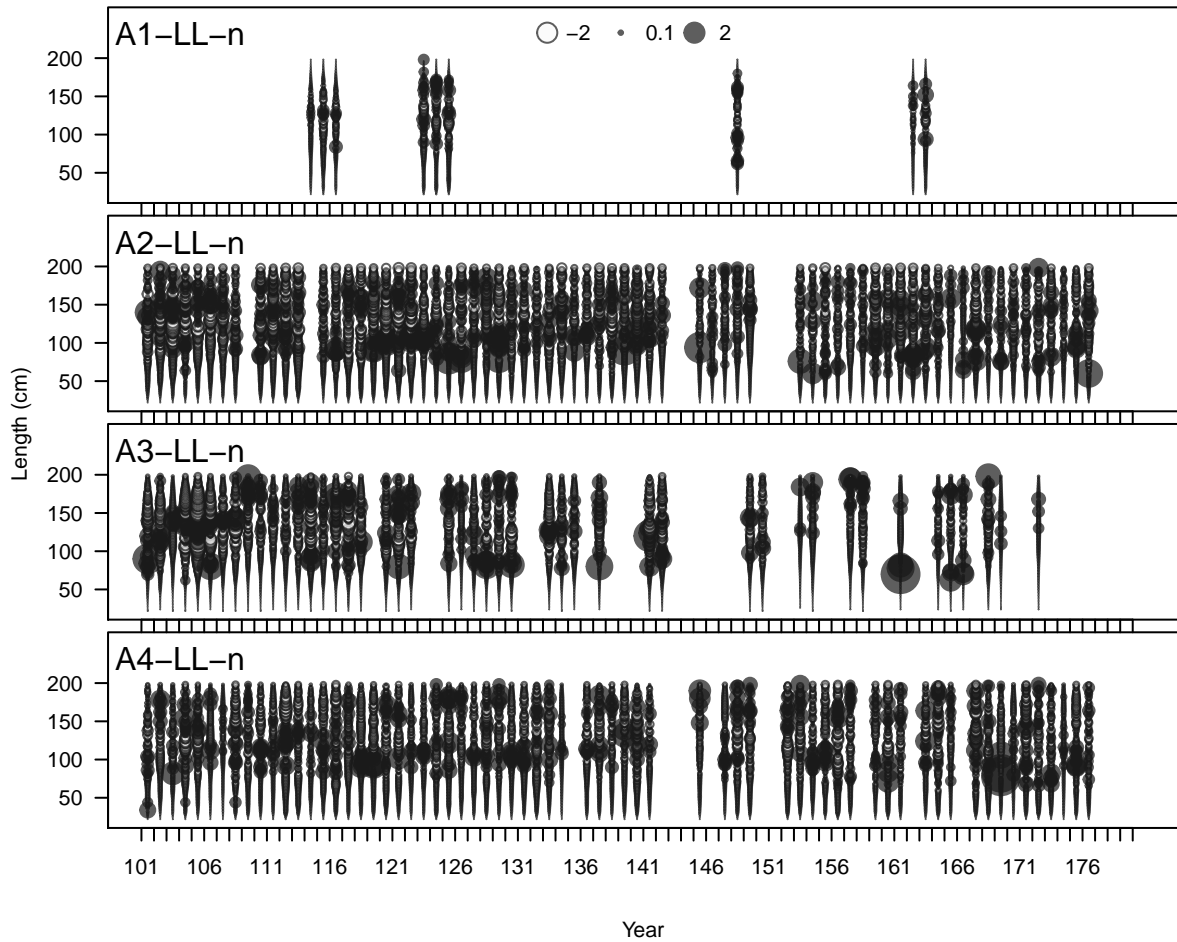


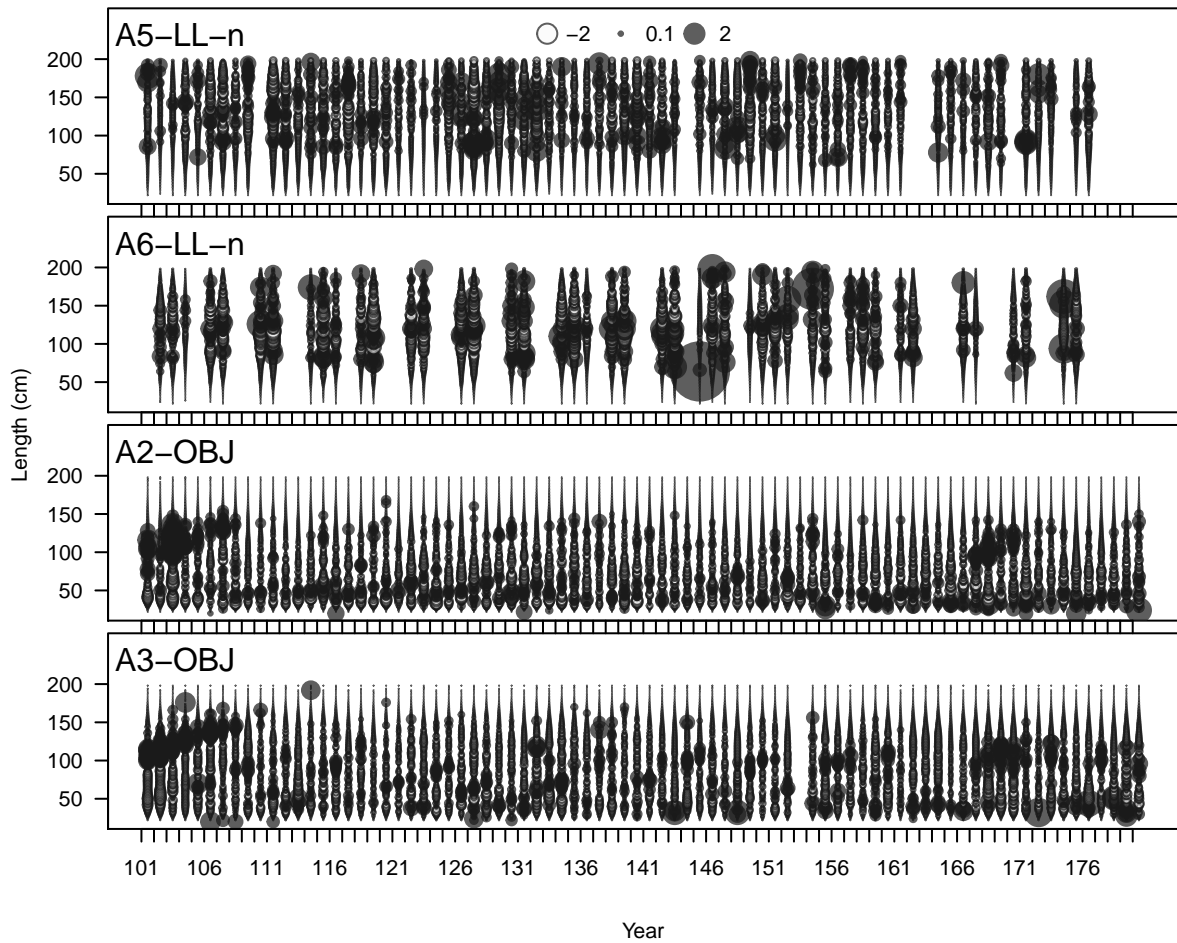
A5-NOADEL (whole catch)

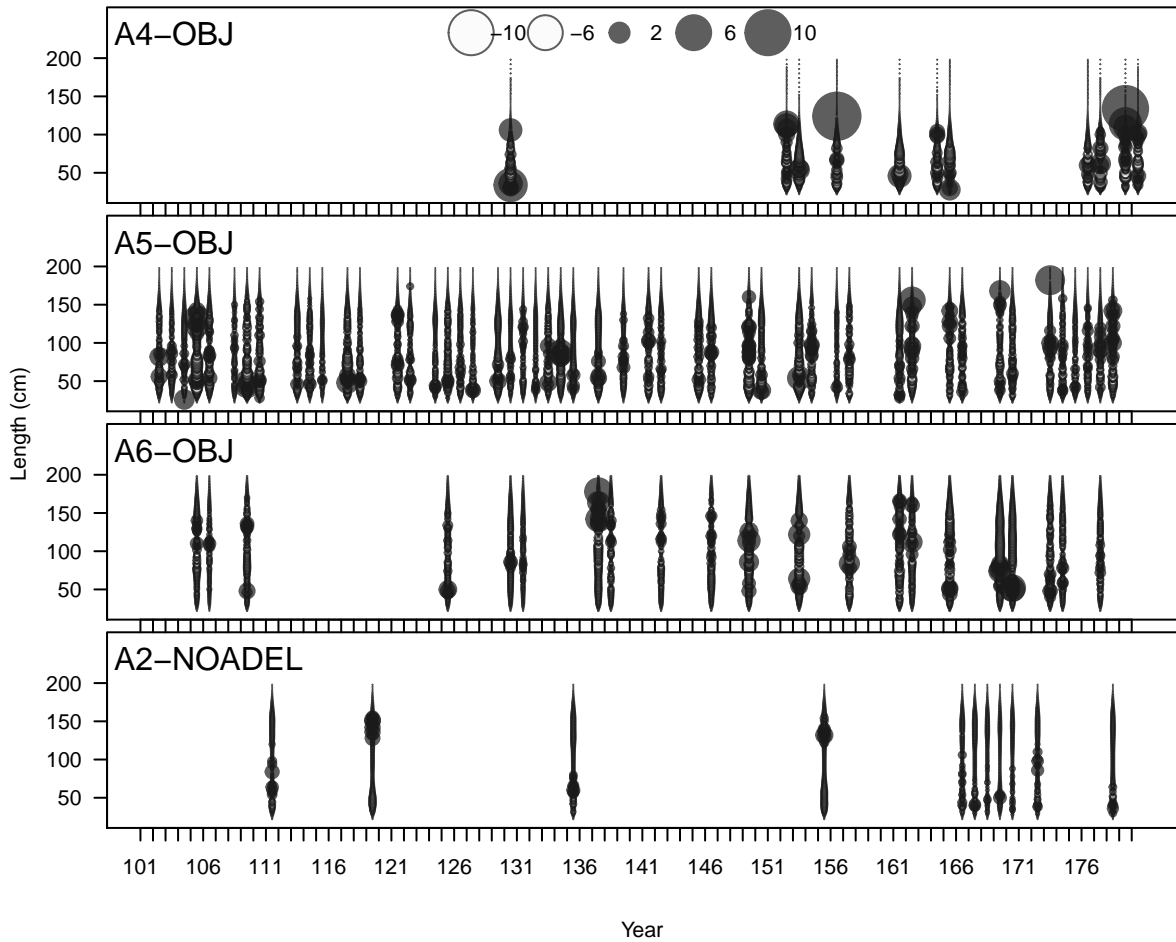


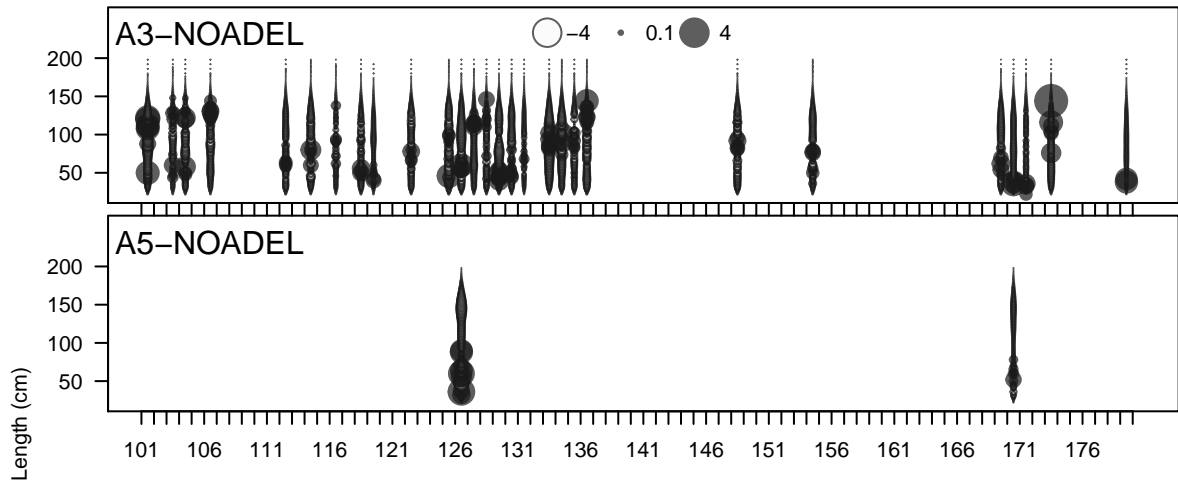
Proportion







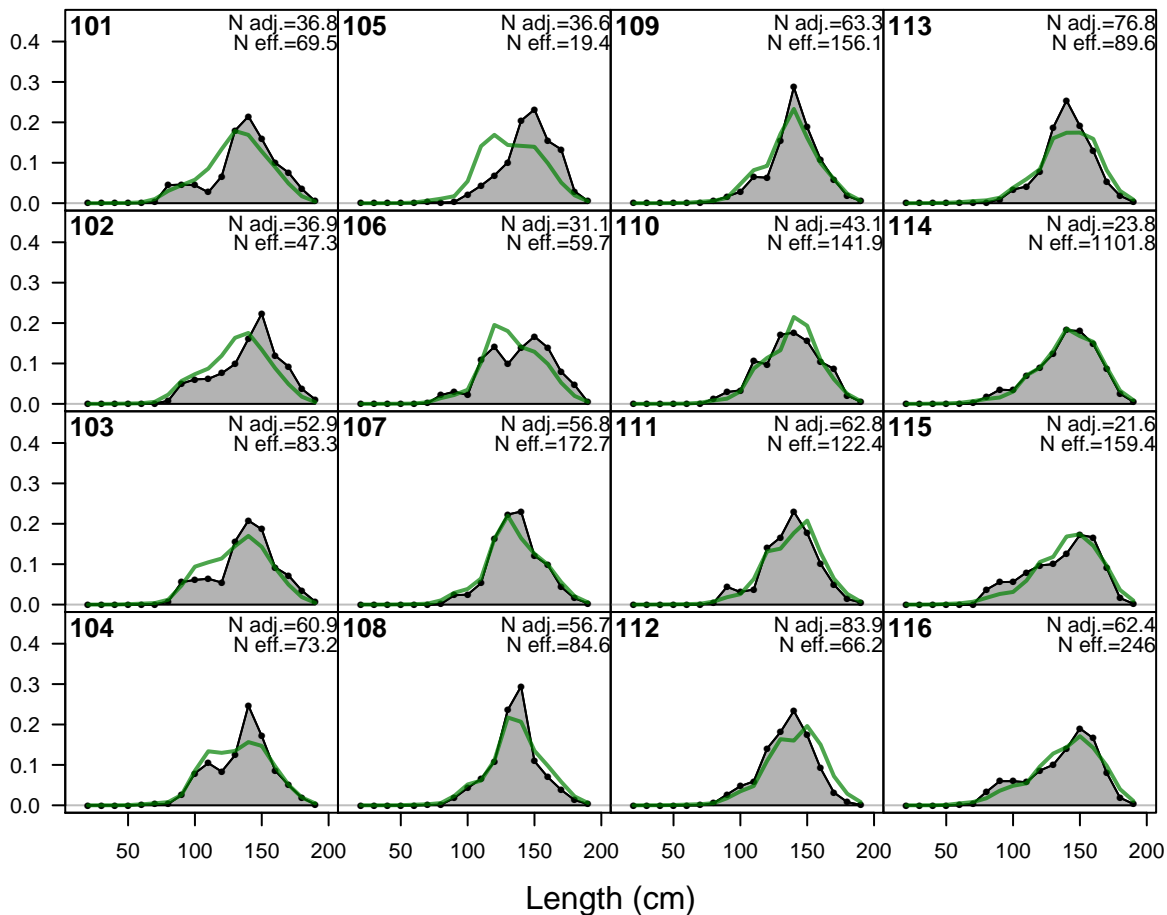




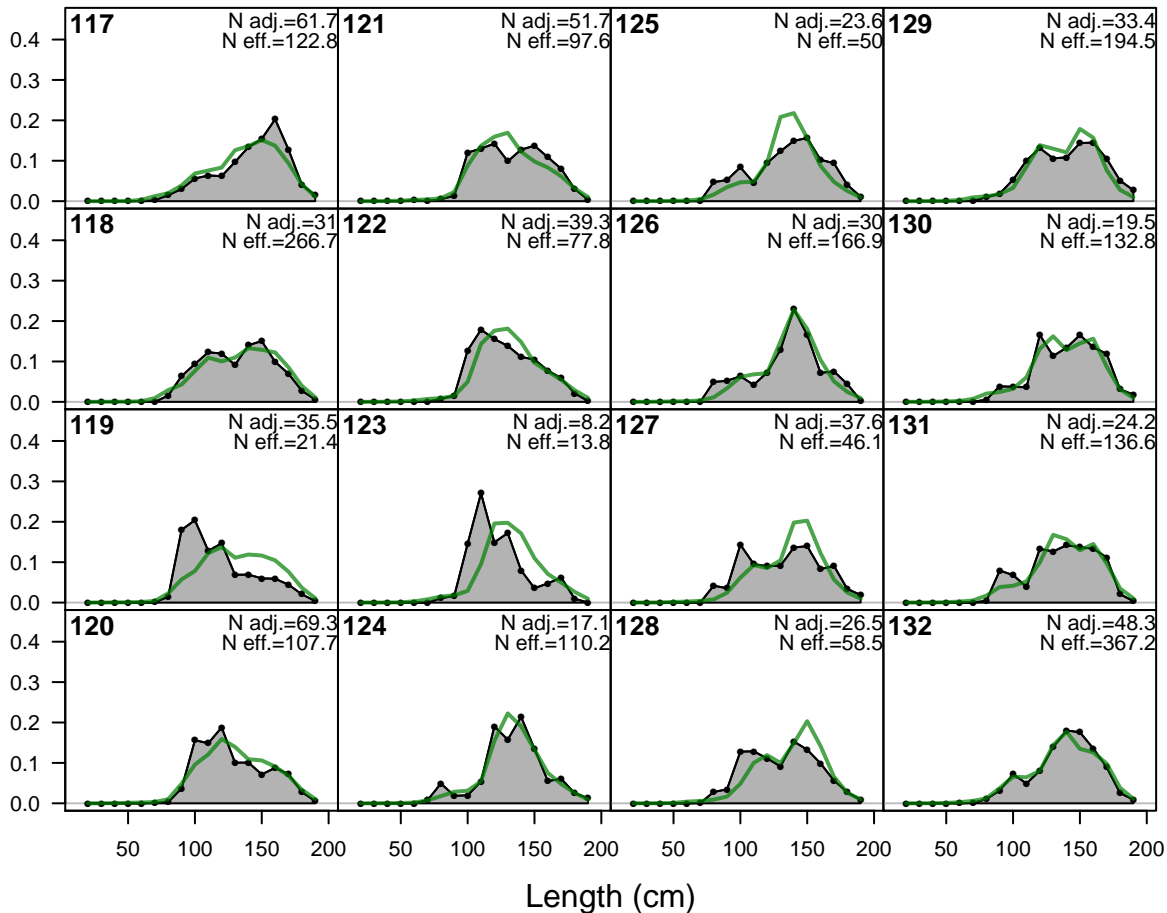
Year



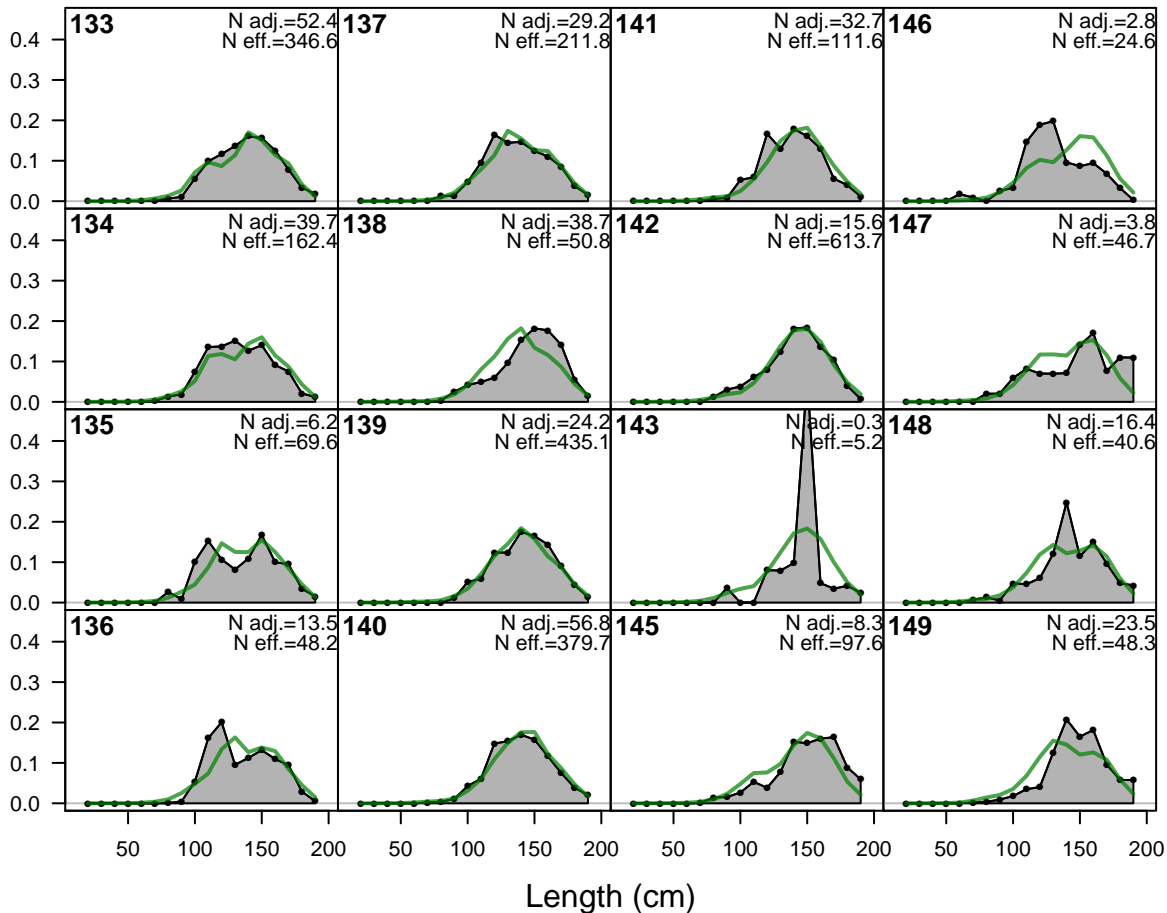
Proportion



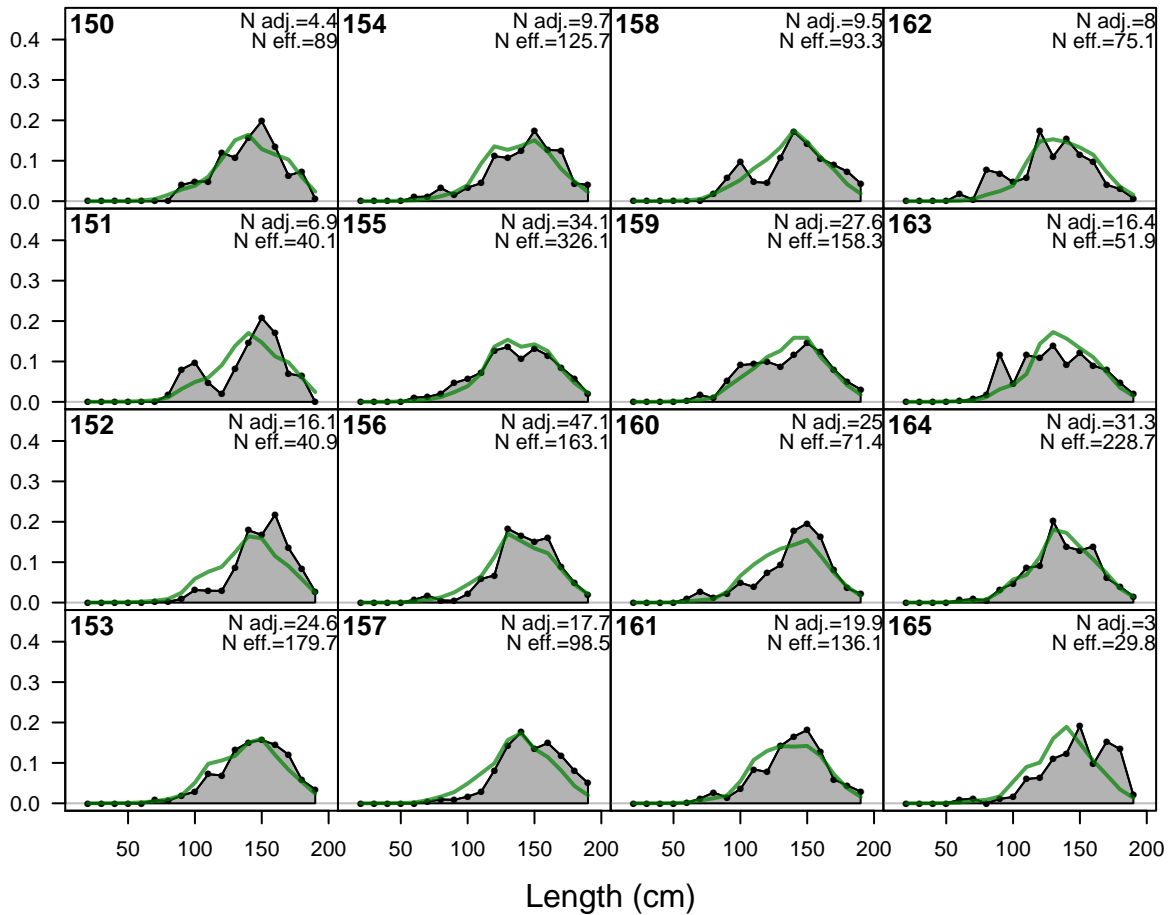
Proportion



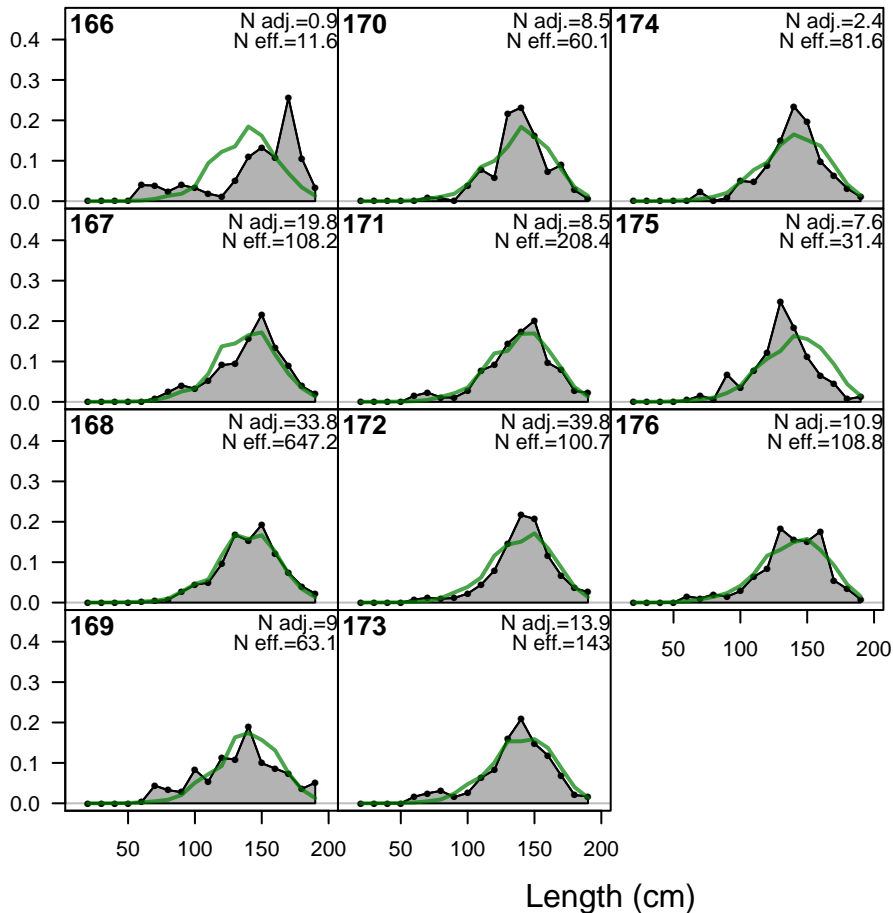
Proportion

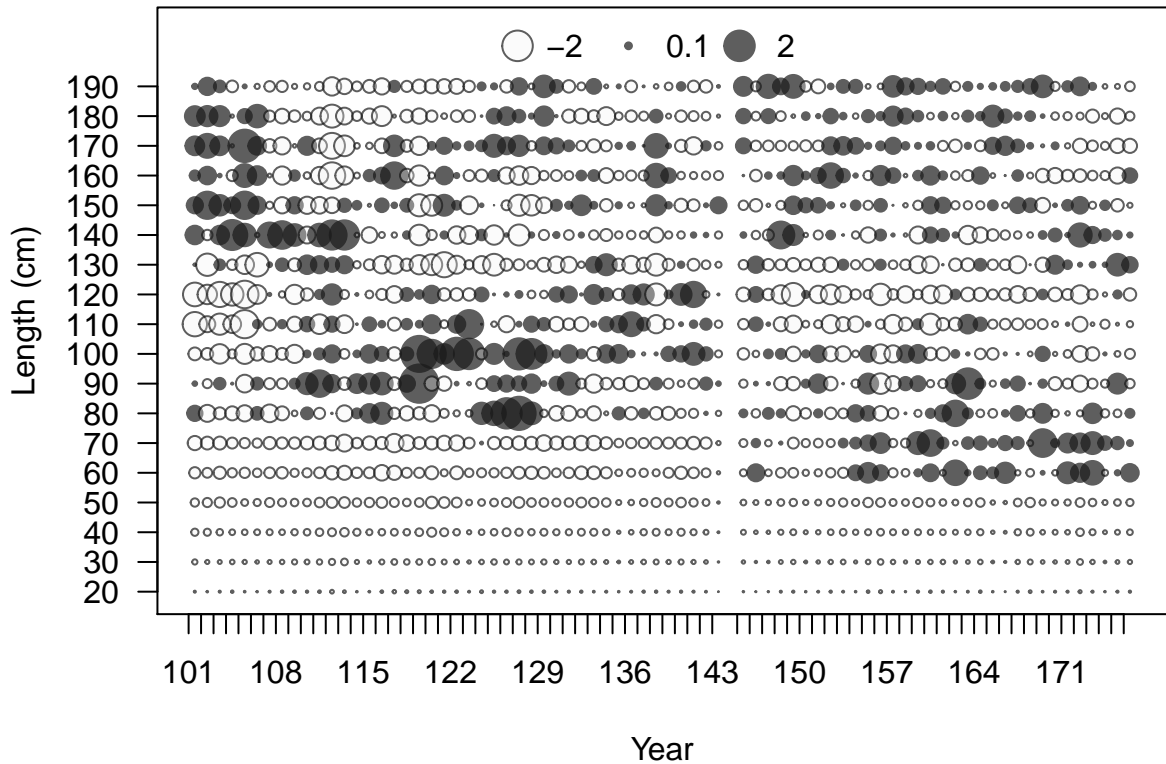


Proportion

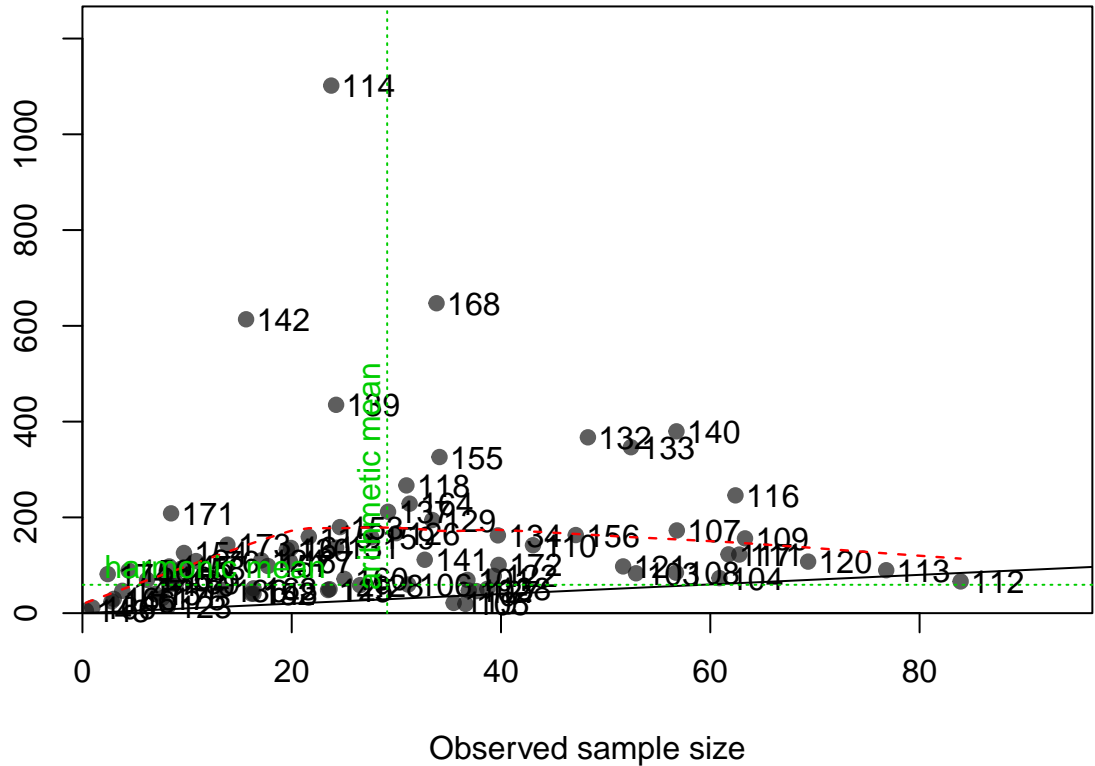


Proportion

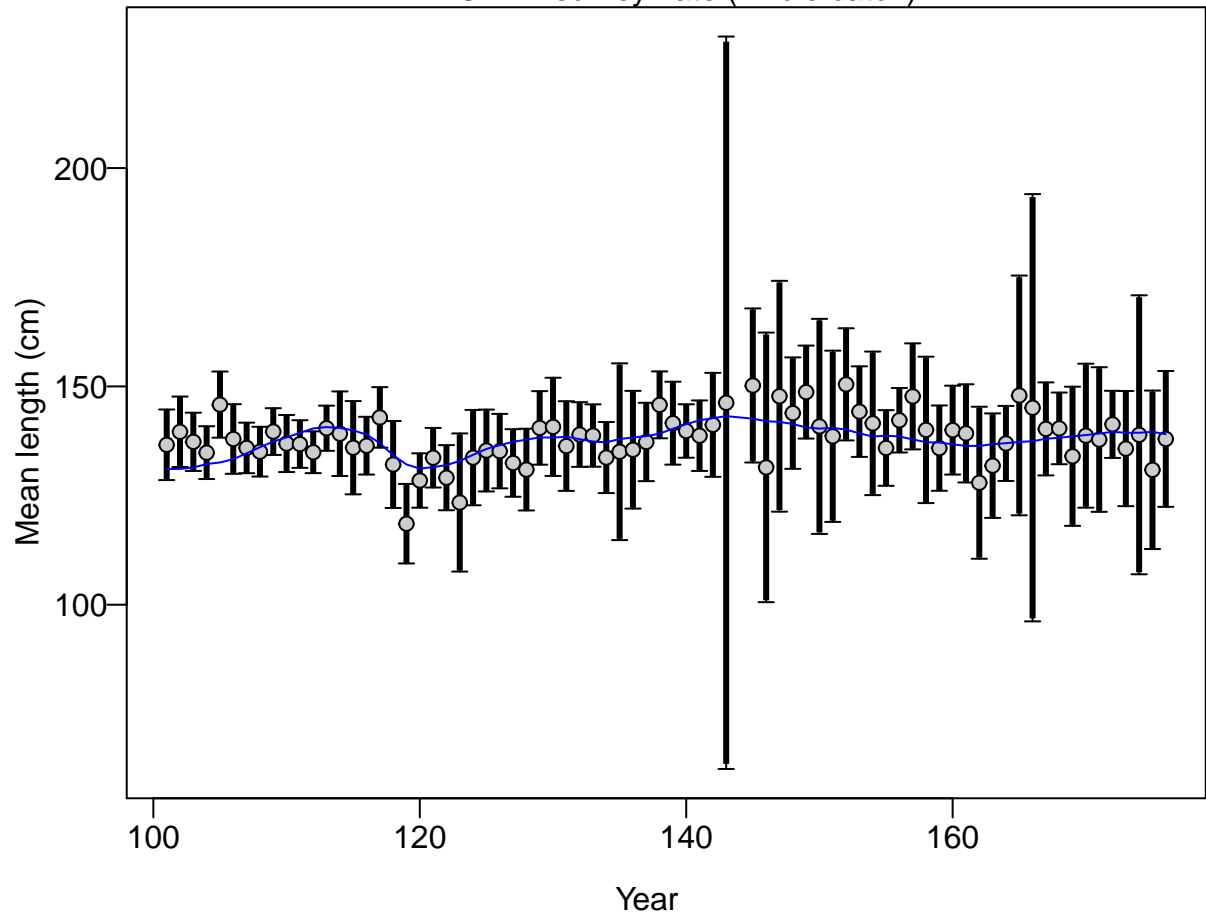




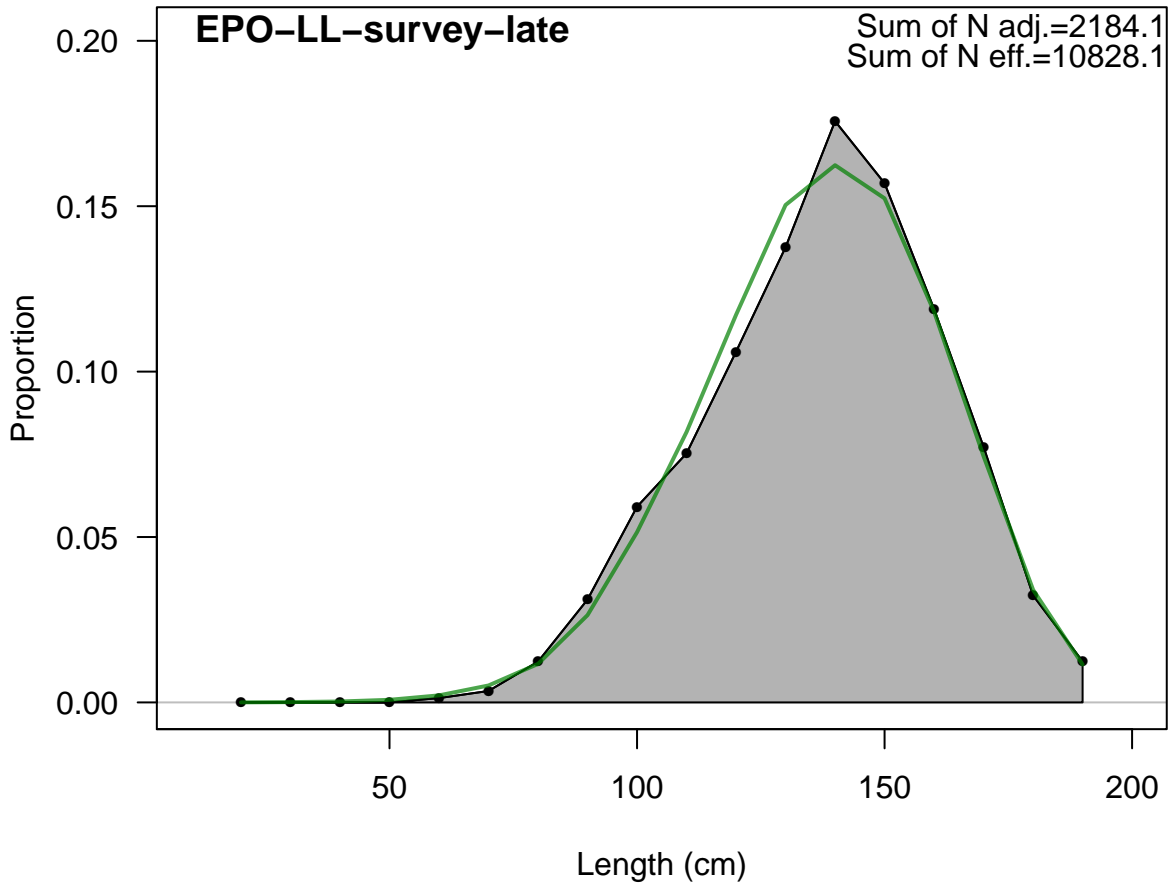
Effective sample size

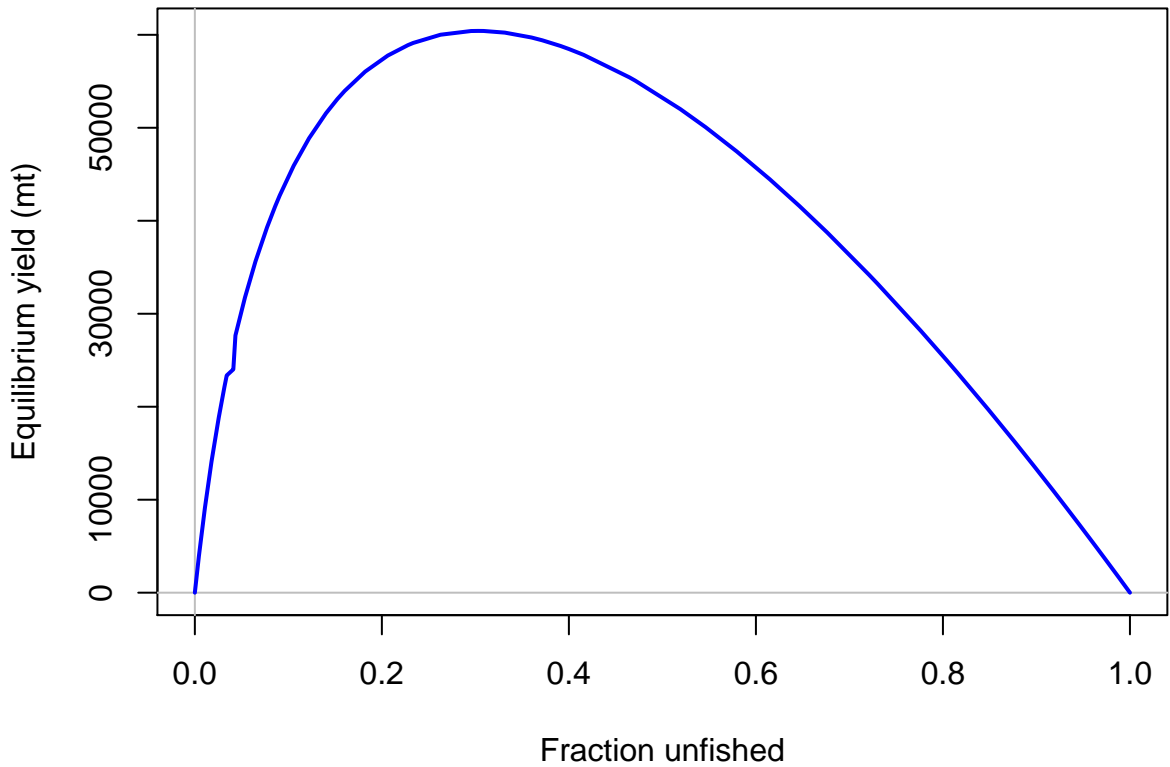


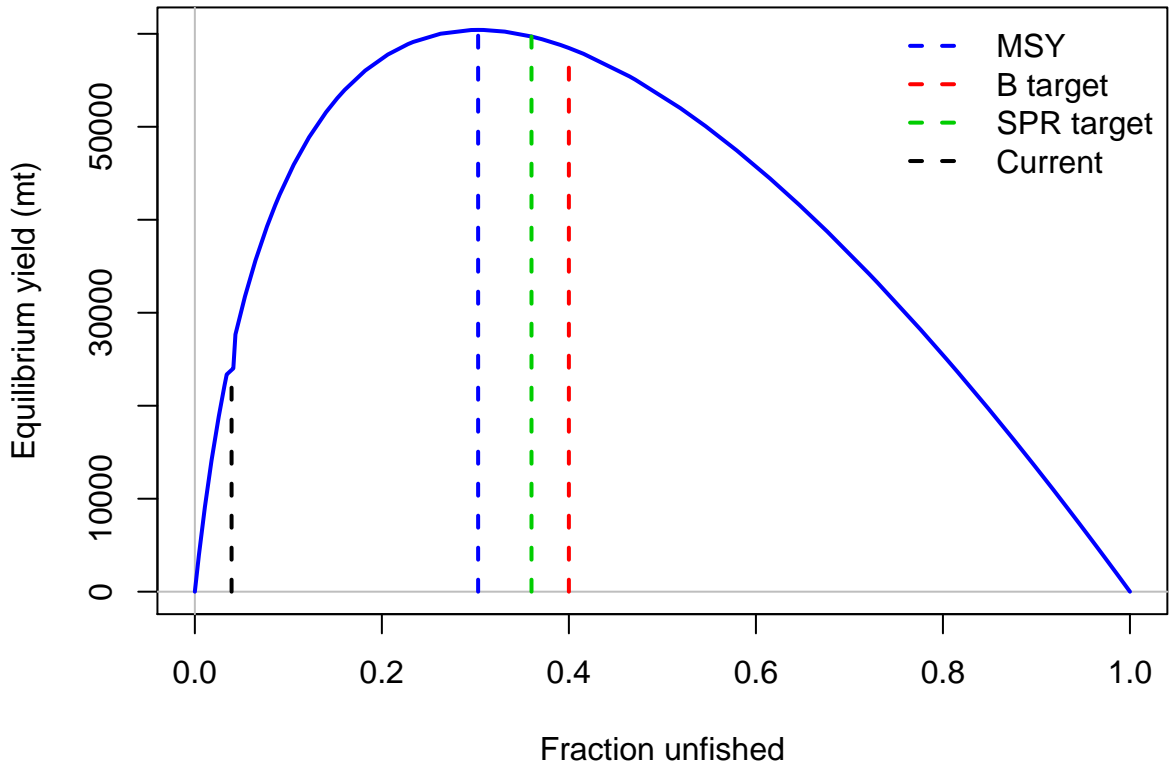
EPO-LL-survey-late (whole catch)

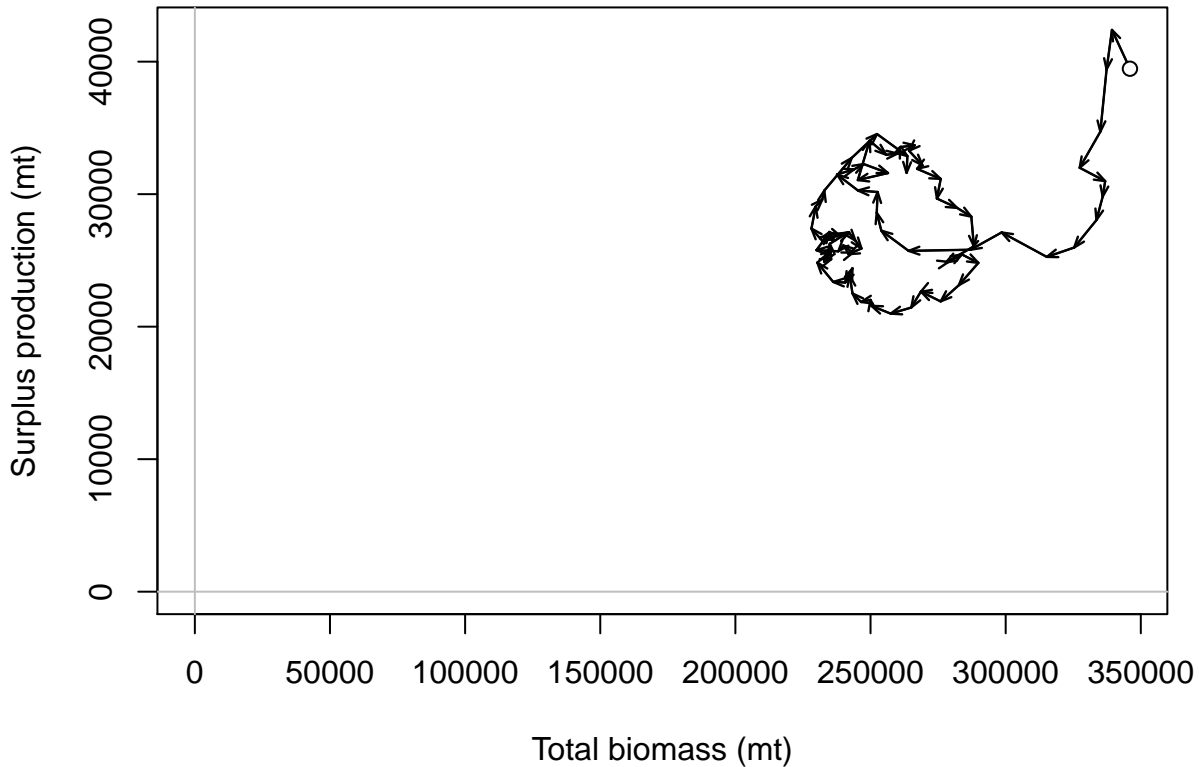


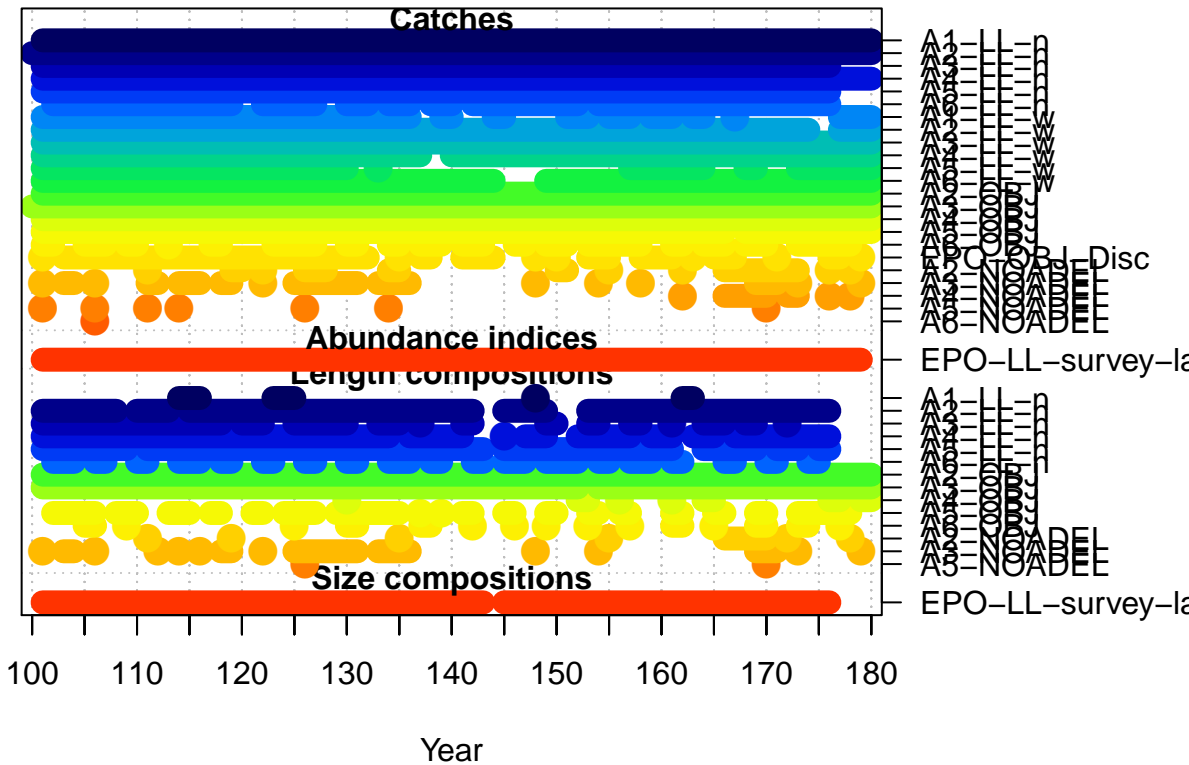


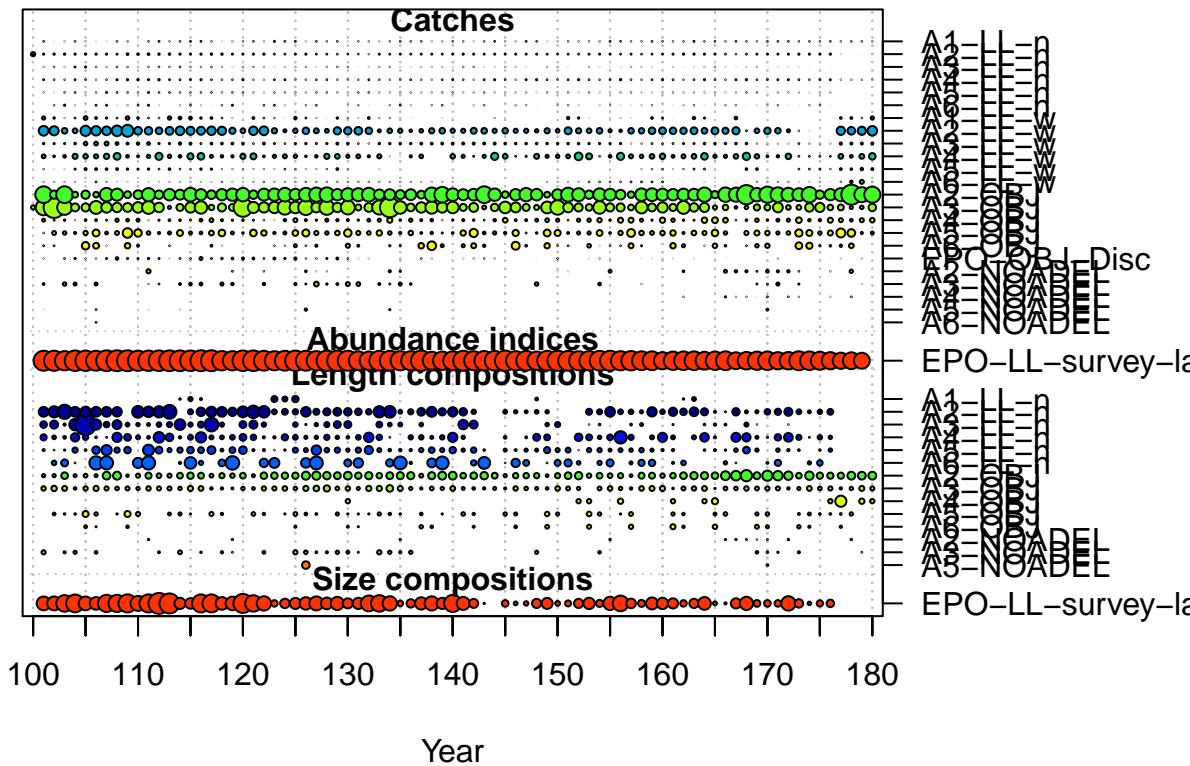




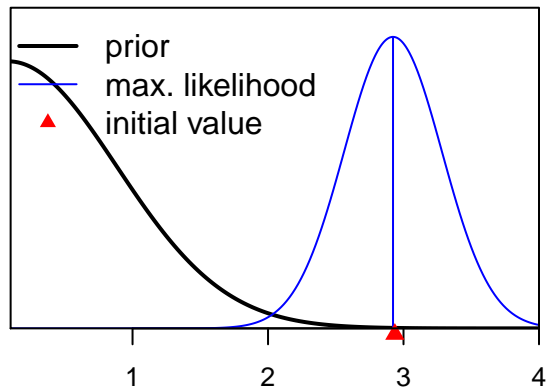




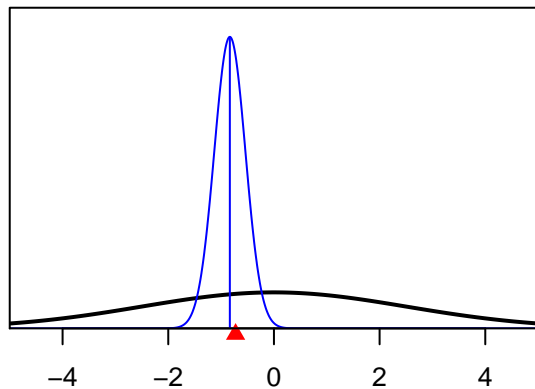




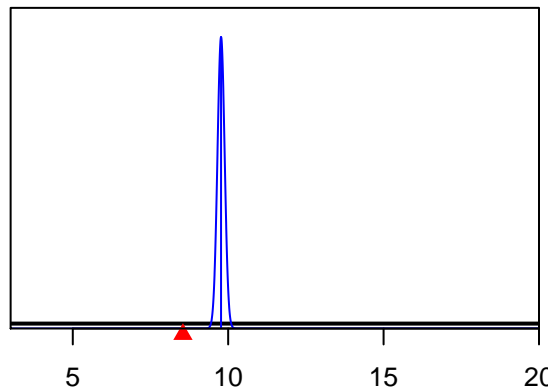
SD\_young\_Fem\_GP\_1



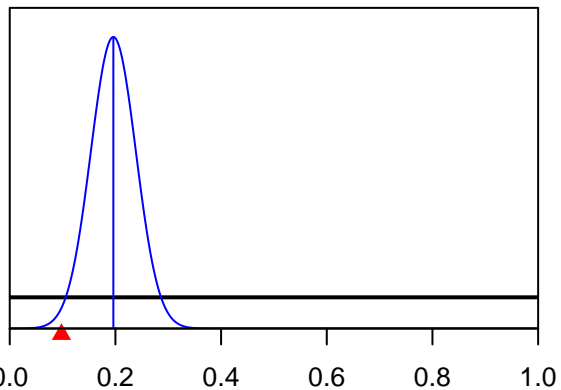
SR\_regime\_BLK1add\_100



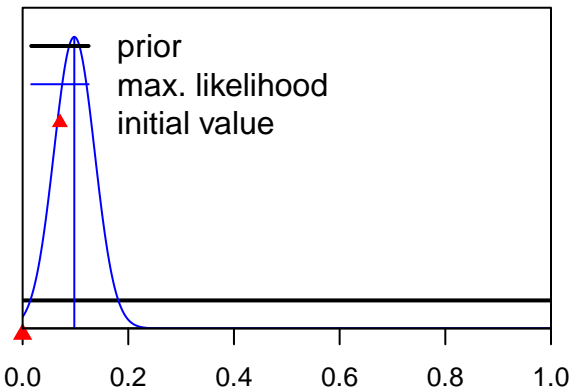
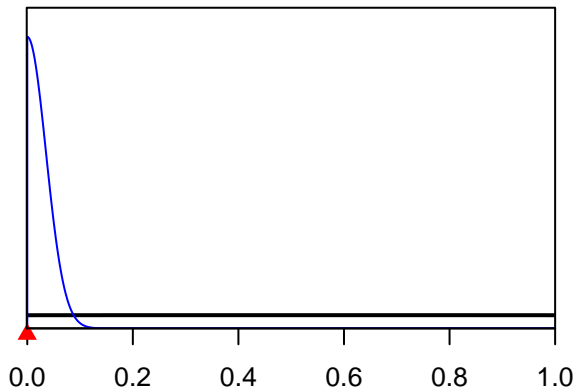
SR\_LN(R0)



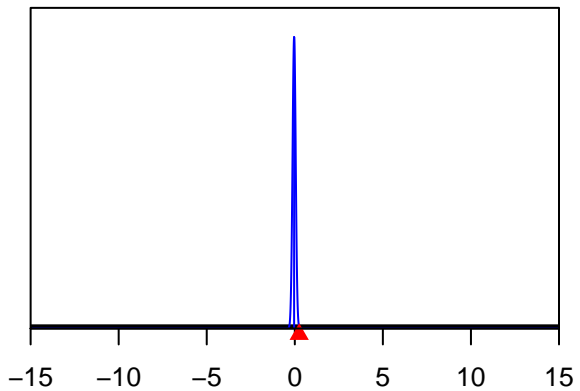
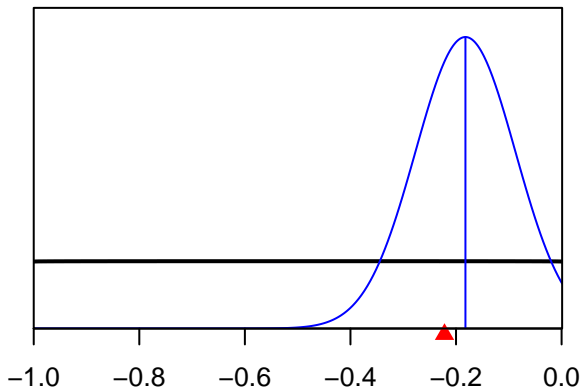
InitF\_seas\_1\_fit\_2A2-LL-n



Parameter value

**InitF\_seas\_1\_flt\_14A3-OBJ****SizeSpline\_GradLo\_A1-LL-n(1)**

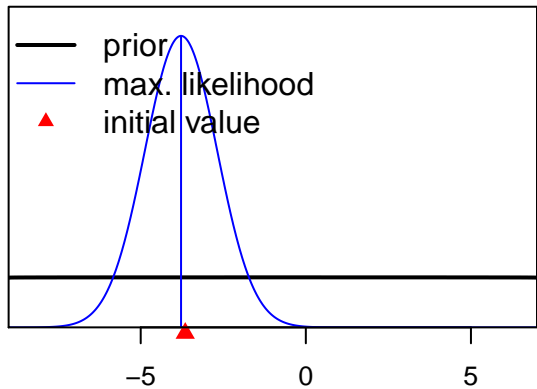
Density

**LnQ\_base\_EPO-LL-survey-late(24)****SizeSpline\_GradHi\_A1-LL-n(1)**

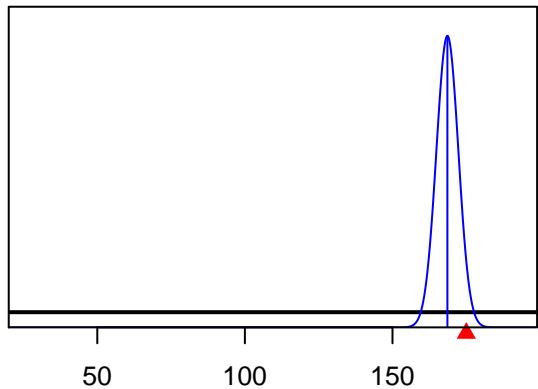
Parameter value



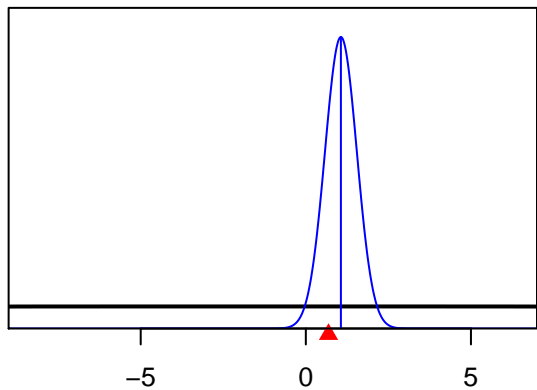
SizeSpline\_Val\_2\_A1-LL-n(1)



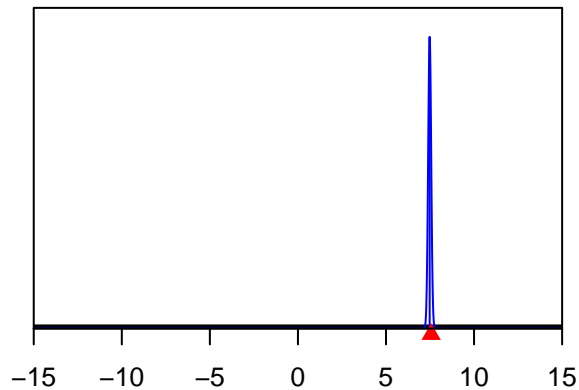
Size\_DbIN\_peak\_A2-LL-n(2)



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

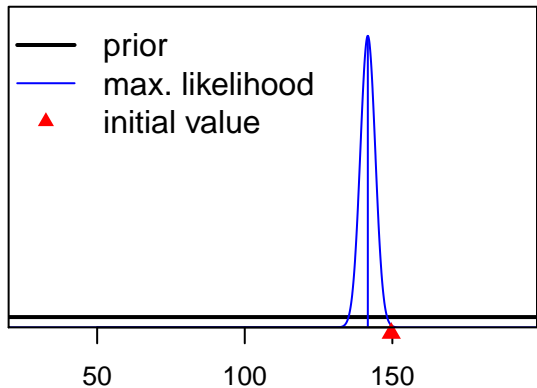


Size\_DbIN\_ascend\_se\_A2-LL-n(2)

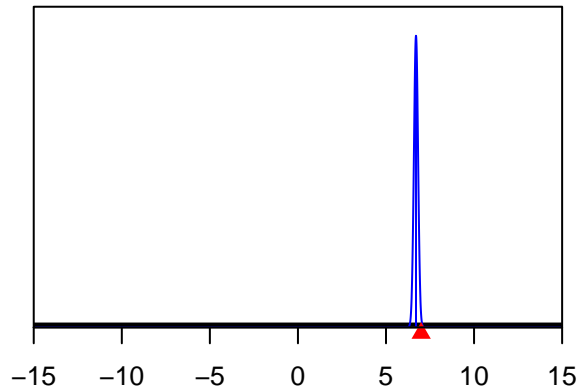


Parameter value

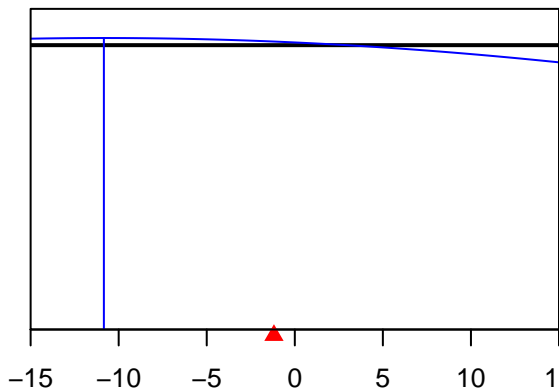
Size\_DbIN\_peak\_A3-LL-n(3)



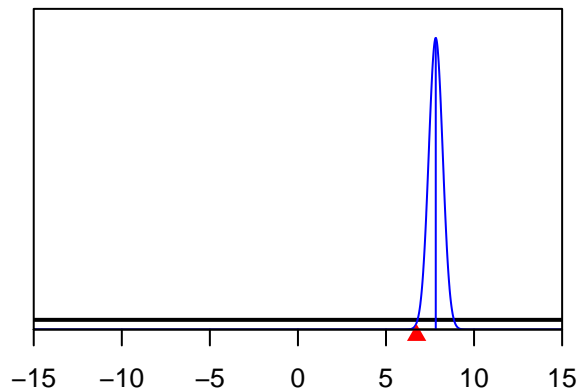
Size\_DbIN\_ascend\_se\_A3-LL-n(3)



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

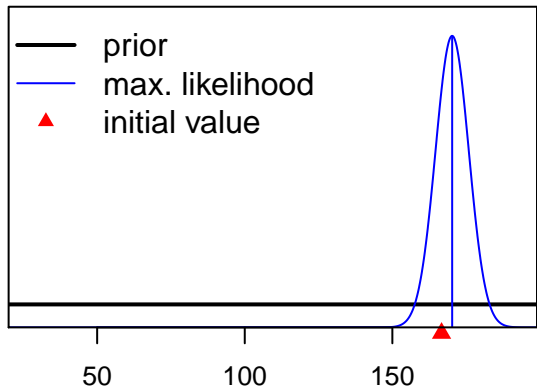


Size\_DbIN\_descend\_se\_A3-LL-n(3)

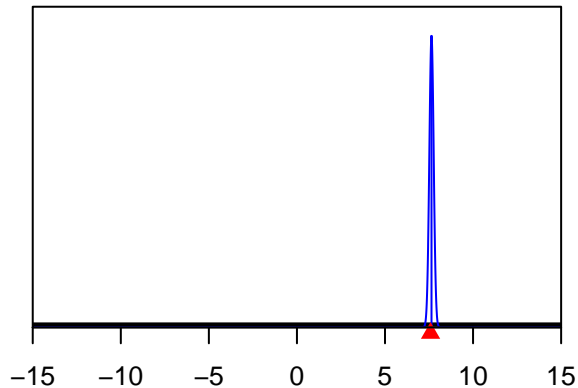


Parameter value

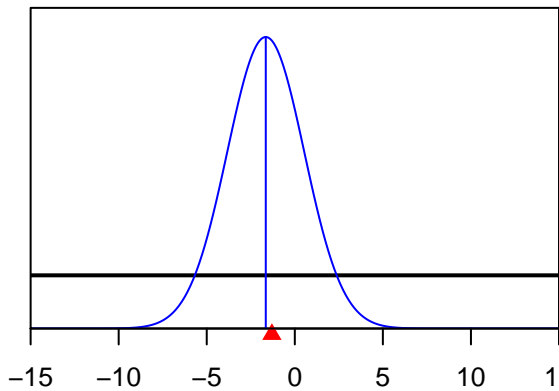
Size\_DbIN\_peak\_A4-LL-n(4)



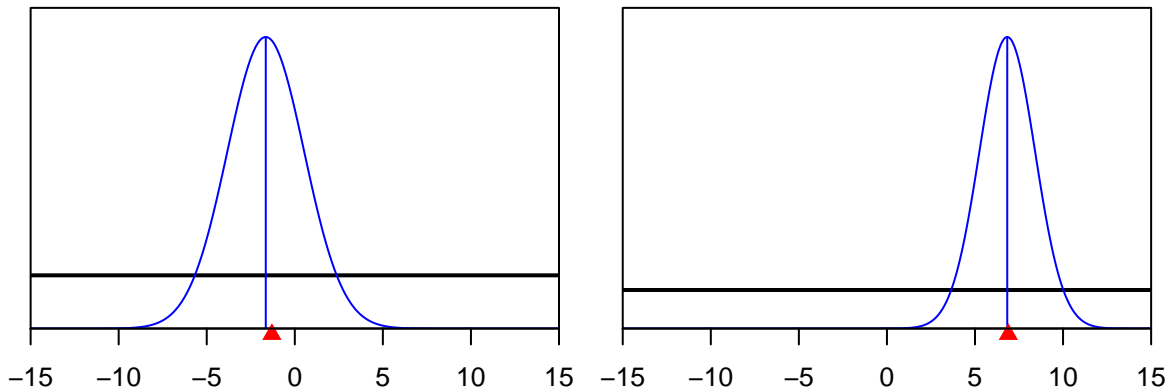
Size\_DbIN\_ascend\_se\_A4-LL-n(4)



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



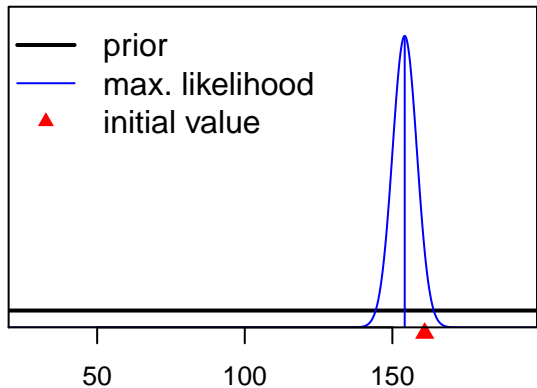
Size\_DbIN\_descend\_se\_A4-LL-n(4)



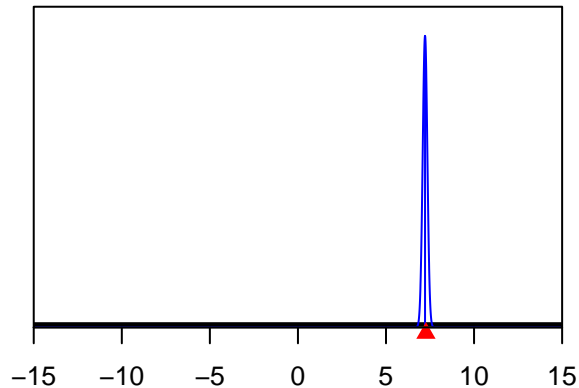
Parameter value

Density

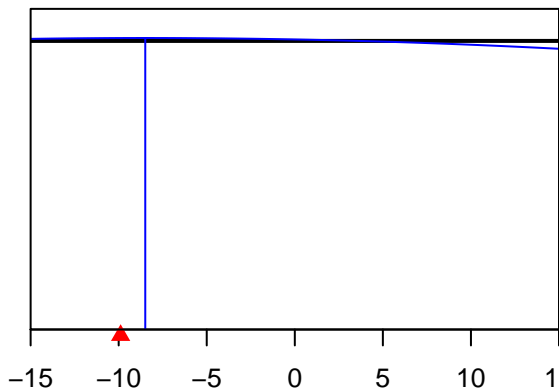
Size\_DbIN\_peak\_A5-LL-n(5)



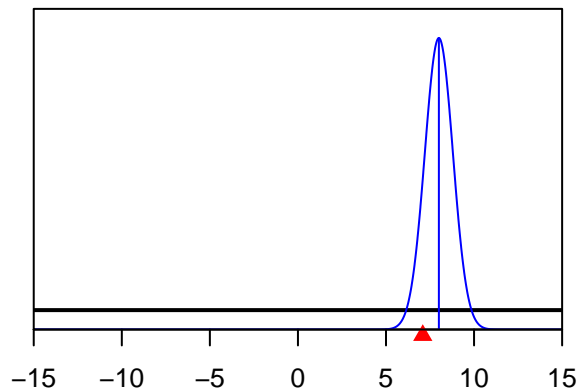
Size\_DbIN\_ascend\_se\_A5-LL-n(5)



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

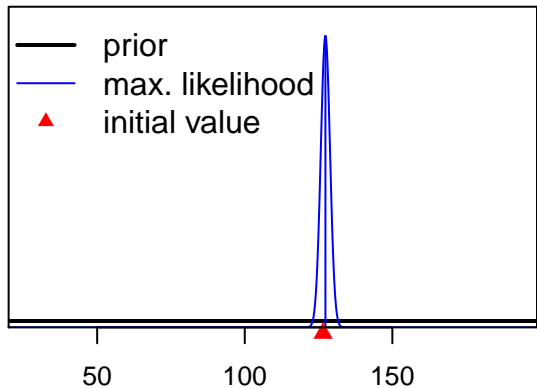


Size\_DbIN\_descend\_se\_A5-LL-n(5)

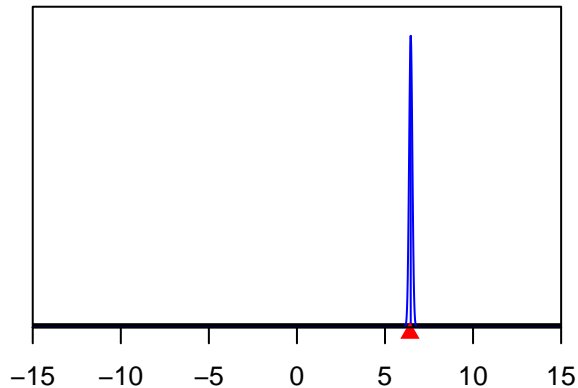


Parameter value

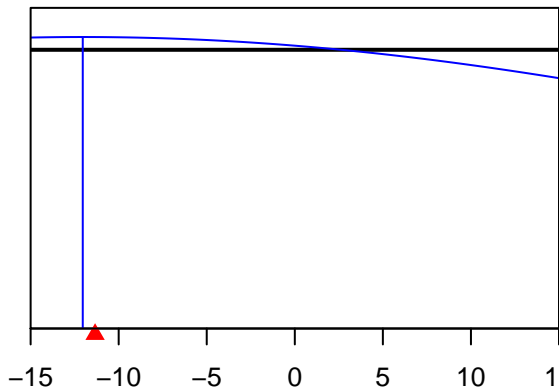
Size\_DbIN\_peak\_A6-LL-n(6)



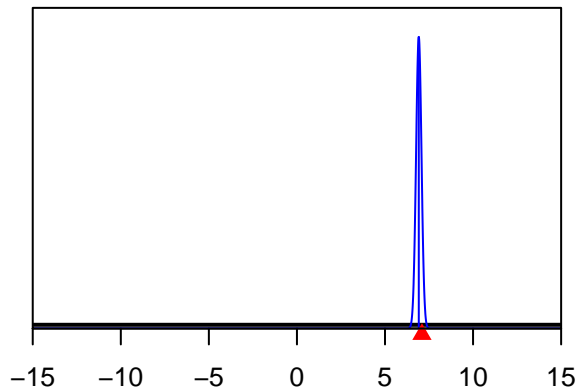
Size\_DbIN\_ascend\_se\_A6-LL-n(6)



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

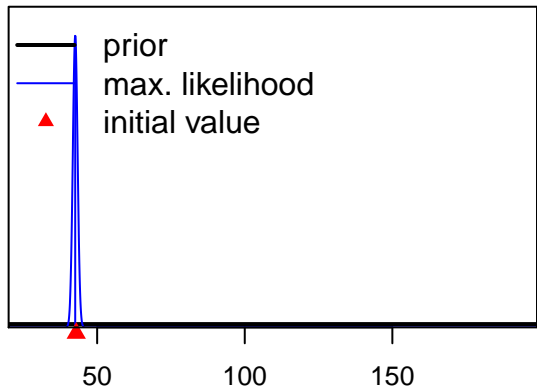


Size\_DbIN\_descend\_se\_A6-LL-n(6)

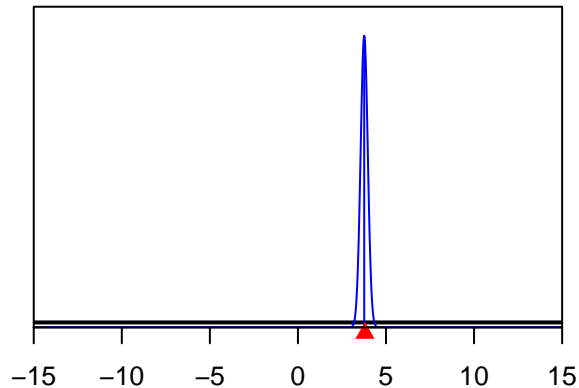


Parameter value

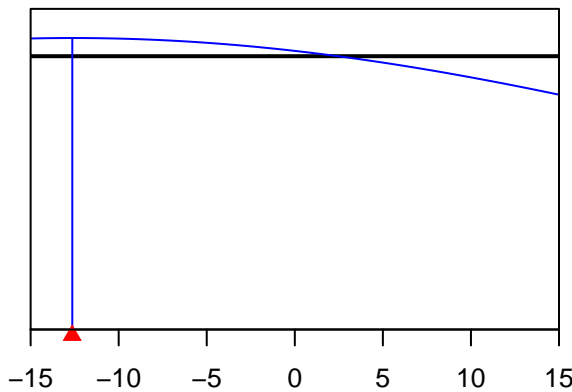
Size\_DbIN\_peak\_A2-OBJ(13)



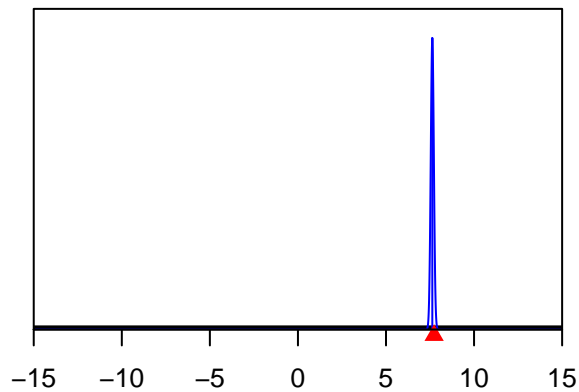
Size\_DbIN\_ascend\_se\_A2-OBJ(13)



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

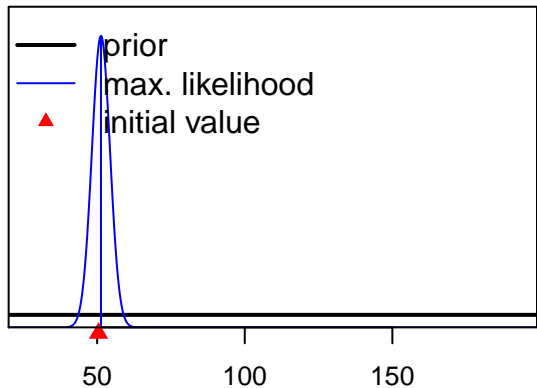


Size\_DbIN\_descend\_se\_A2-OBJ(13)

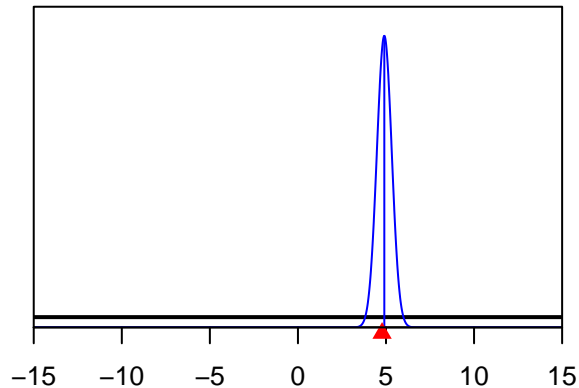


Parameter value

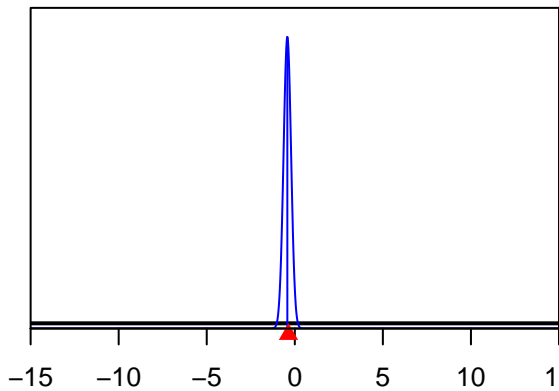
Size\_DbIN\_peak\_A3-OBJ(14)



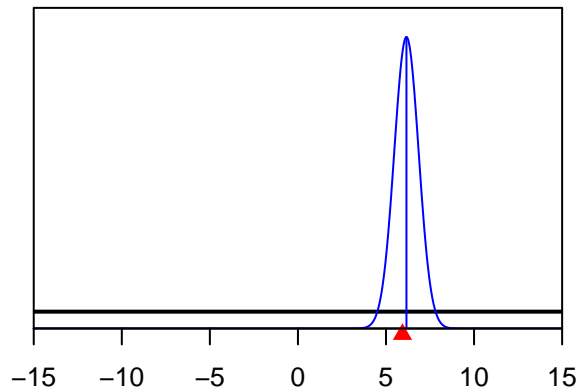
Size\_DbIN\_ascend\_se\_A3-OBJ(14)



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

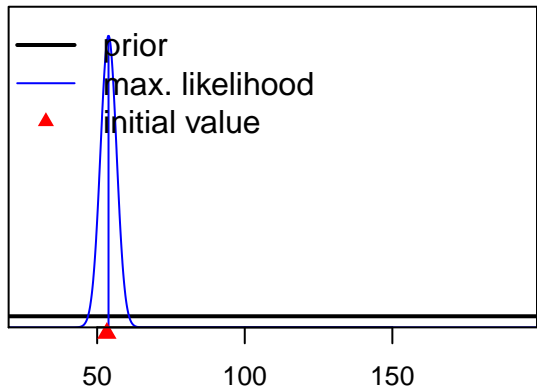


Size\_DbIN\_descend\_se\_A3-OBJ(14)

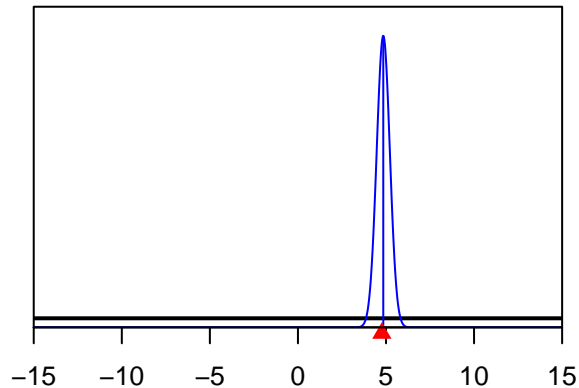


Parameter value

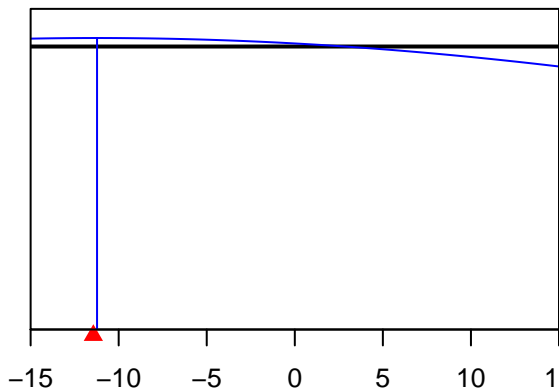
Size\_DbIN\_peak\_A4-Obj(15)



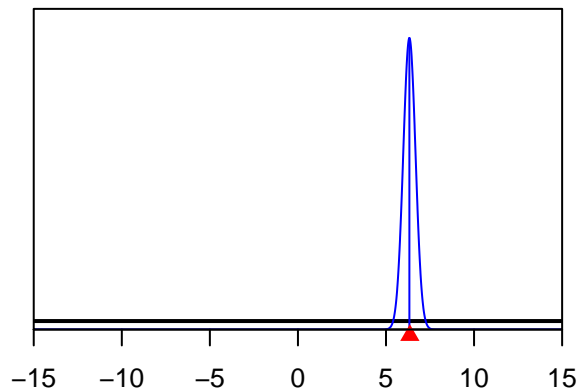
Size\_DbIN\_ascend\_se\_A4-Obj(15)



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



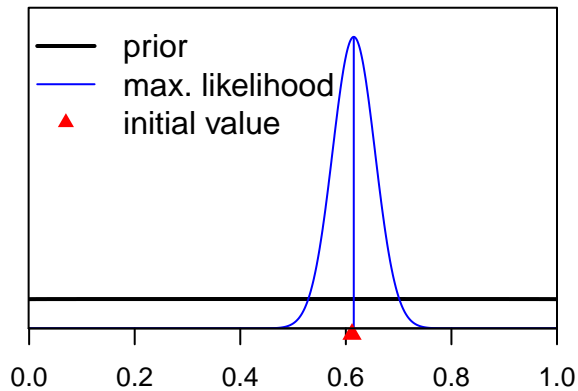
Size\_DbIN\_descend\_se\_A4-Obj(15)



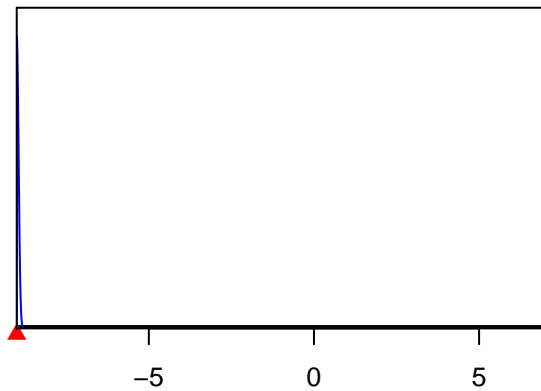
Parameter value



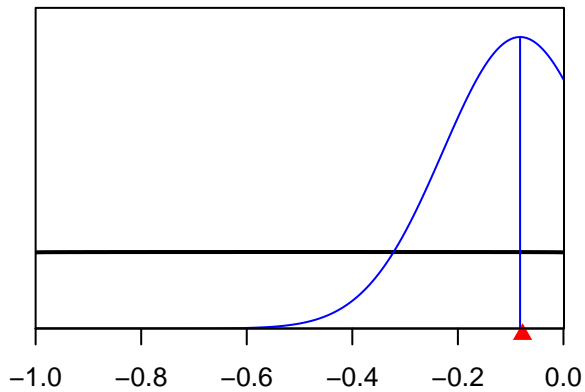
SizeSpline\_GradLo\_A5-Obj(16)



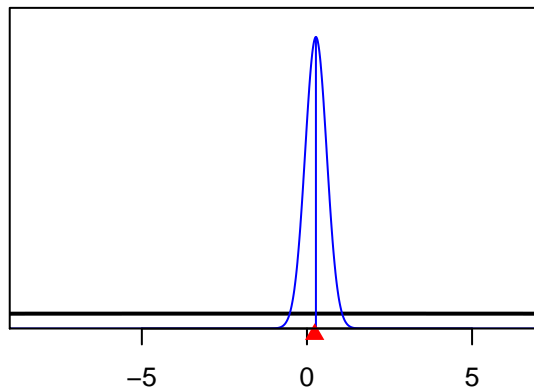
SizeSpline\_Val\_1\_A5-Obj(16)



SizeSpline\_GradHi\_A5-Obj(16)

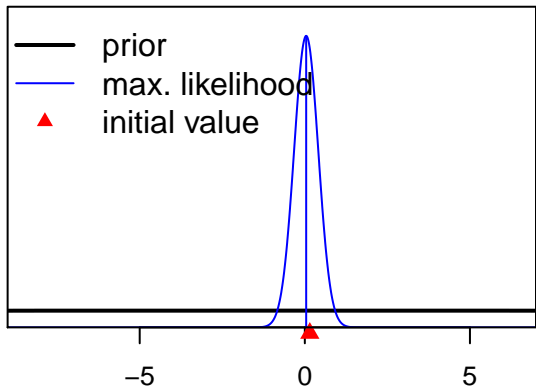


SizeSpline\_Val\_2\_A5-Obj(16)

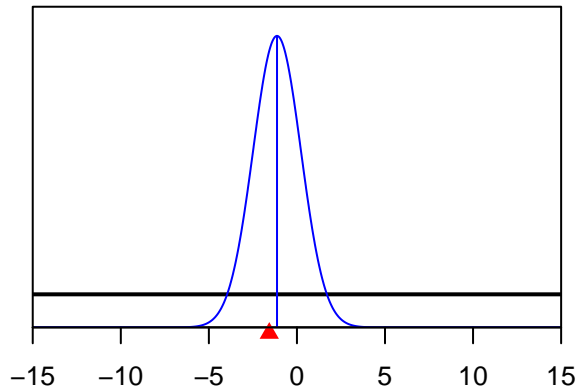


Parameter value

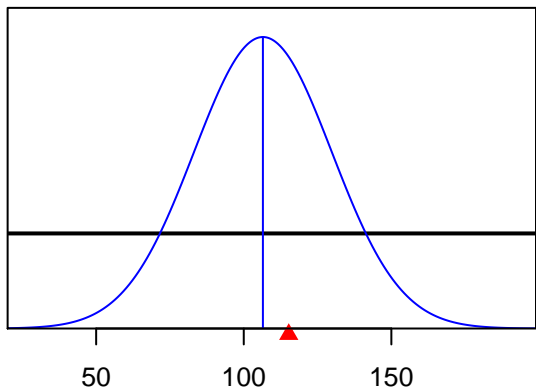
SizeSpline\_Val\_4\_A5-OBJ(16)



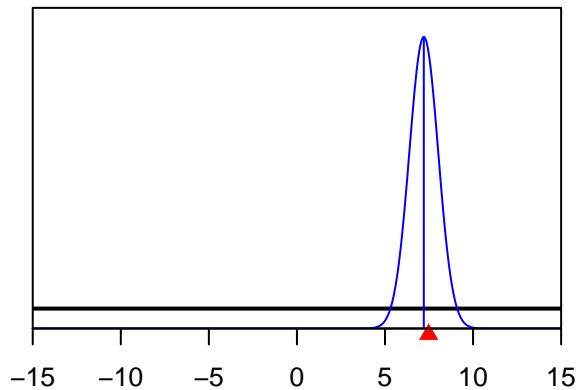
Size\_DbIN\_top\_logit\_A6-OBJ(17)



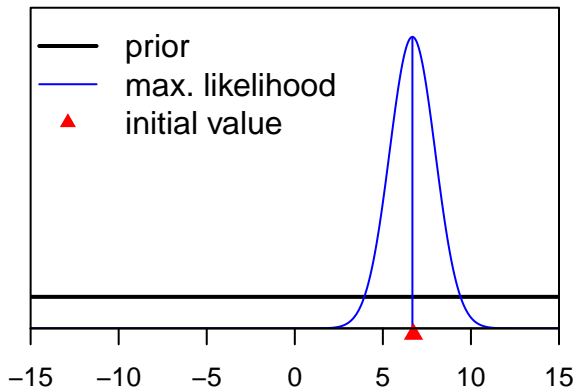
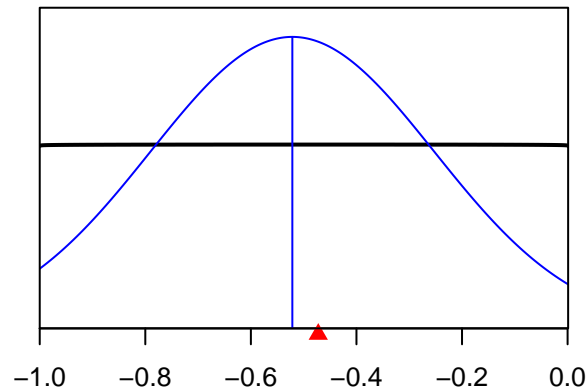
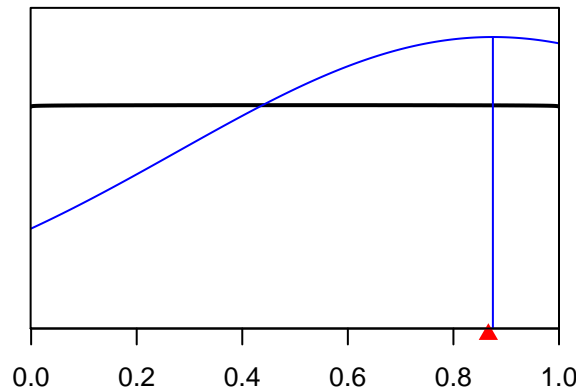
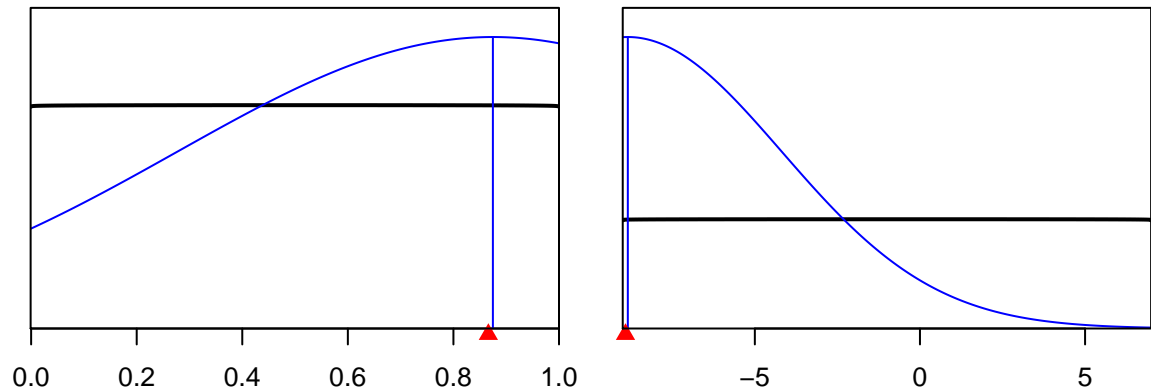
Size\_DbIN\_peak\_A6-OBJ(17)



Size\_DbIN\_ascend\_se\_A6-OBJ(17)

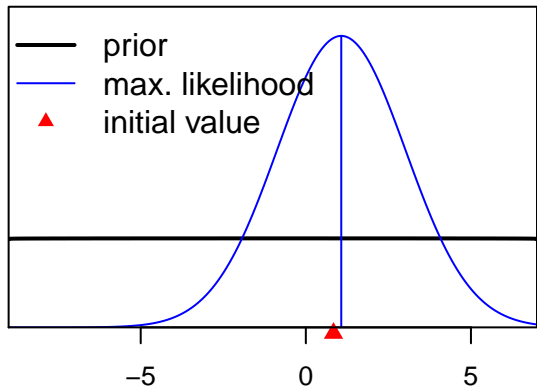


Parameter value

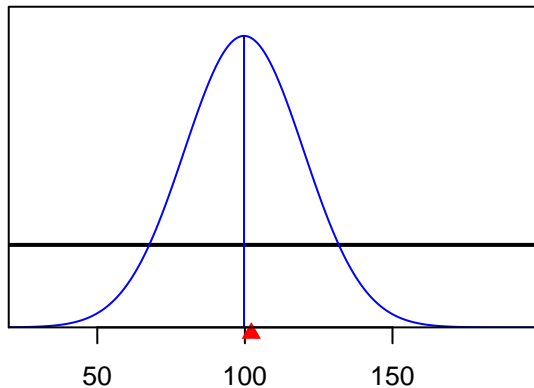
**Size\_DblN\_descend\_se\_A6-Obj(17)****SizeSpline\_GradHi\_A2-NOADEL(19)****SizeSpline\_GradLo\_A2-NOADEL(19)****SizeSpline\_Val\_1\_A2-NOADEL(19)**

Parameter value

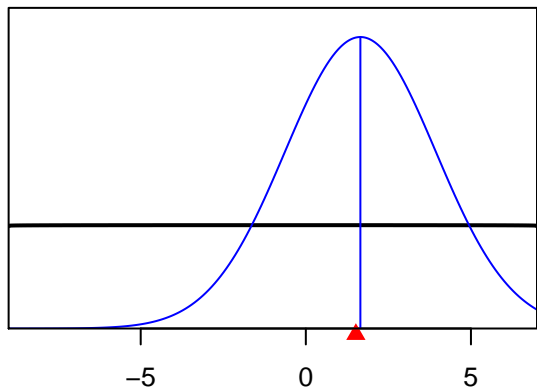
SizeSpline\_Val\_2\_A2-NOADEL(19)



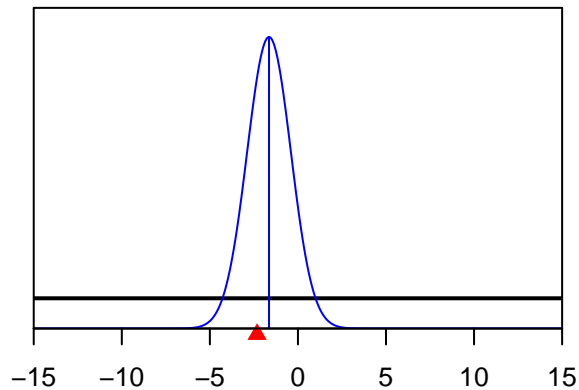
Size\_DbIN\_peak\_A3-NOADEL(20)



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



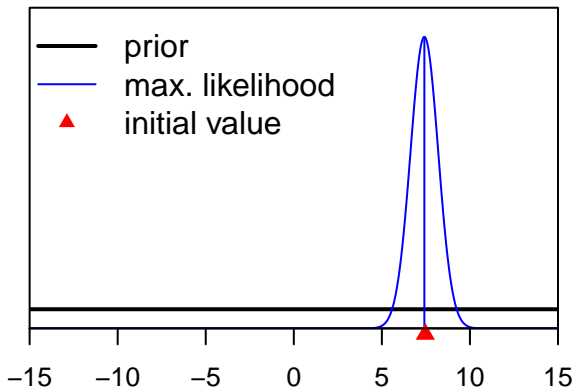
Size\_DbIN\_top\_logit\_A3-NOADEL(20)



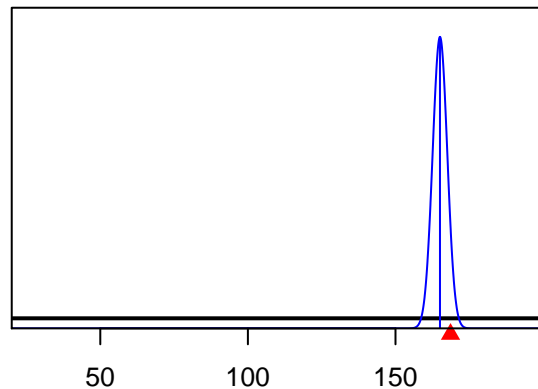
Parameter value

Density

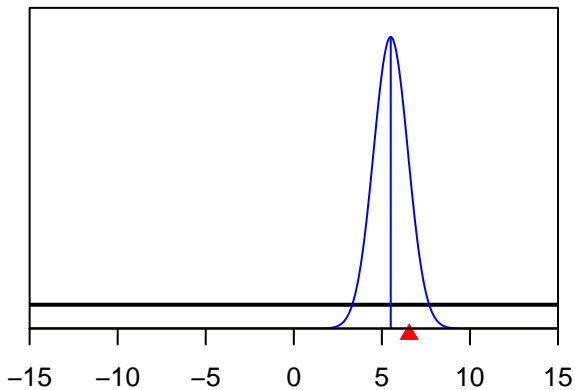
Size\_DbIN\_ascend\_se\_A3-NOADEL(20)



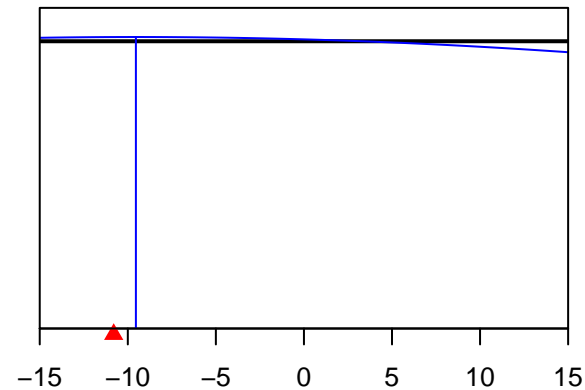
Size\_DbIN\_peak\_EPO-LL-survey-late(24)



Size\_DbIN\_descend\_se\_A3-NOADEL(20)

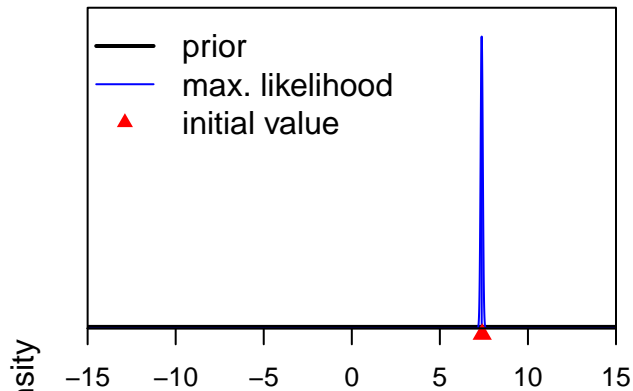


Size\_DbIN\_top\_logit\_EPO-LL-survey-late(24)



Parameter value

size\_DblN\_ascend\_se\_EPO-LL-survey-late(24)



size\_DblN\_descend\_se\_EPO-LL-survey-late(24)

