

Plots created using the 'r4ss' package in R

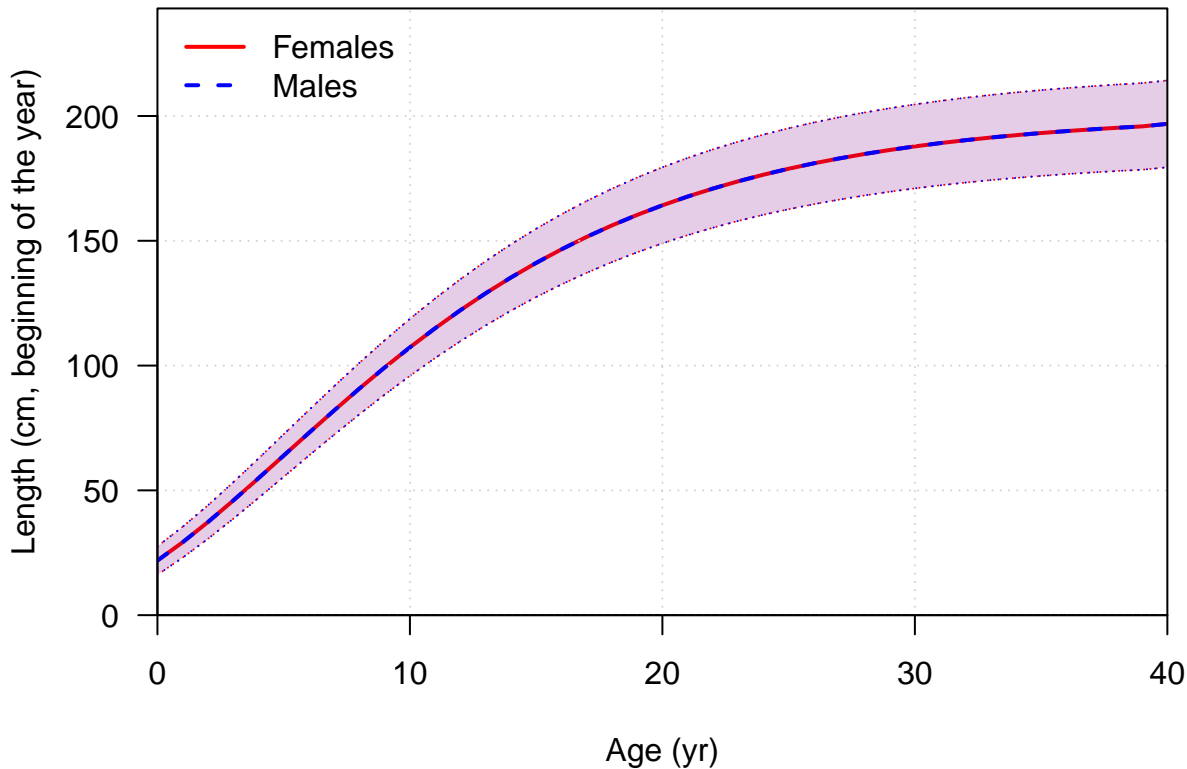
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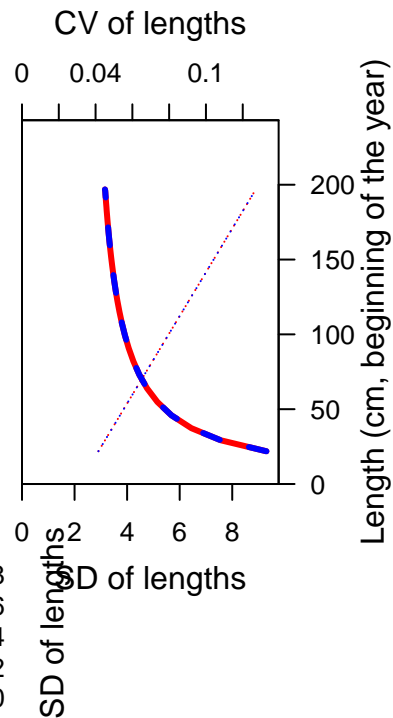
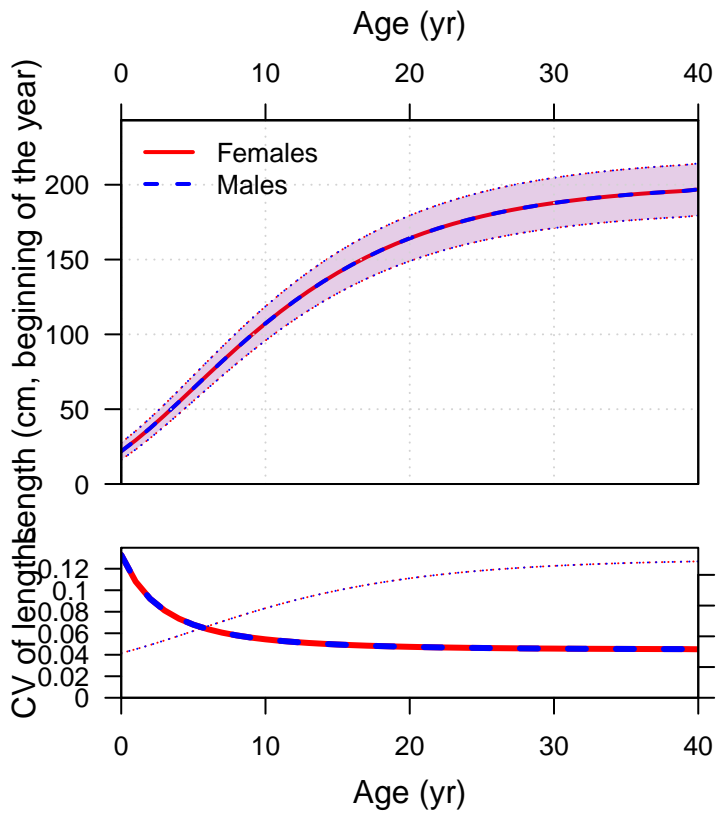
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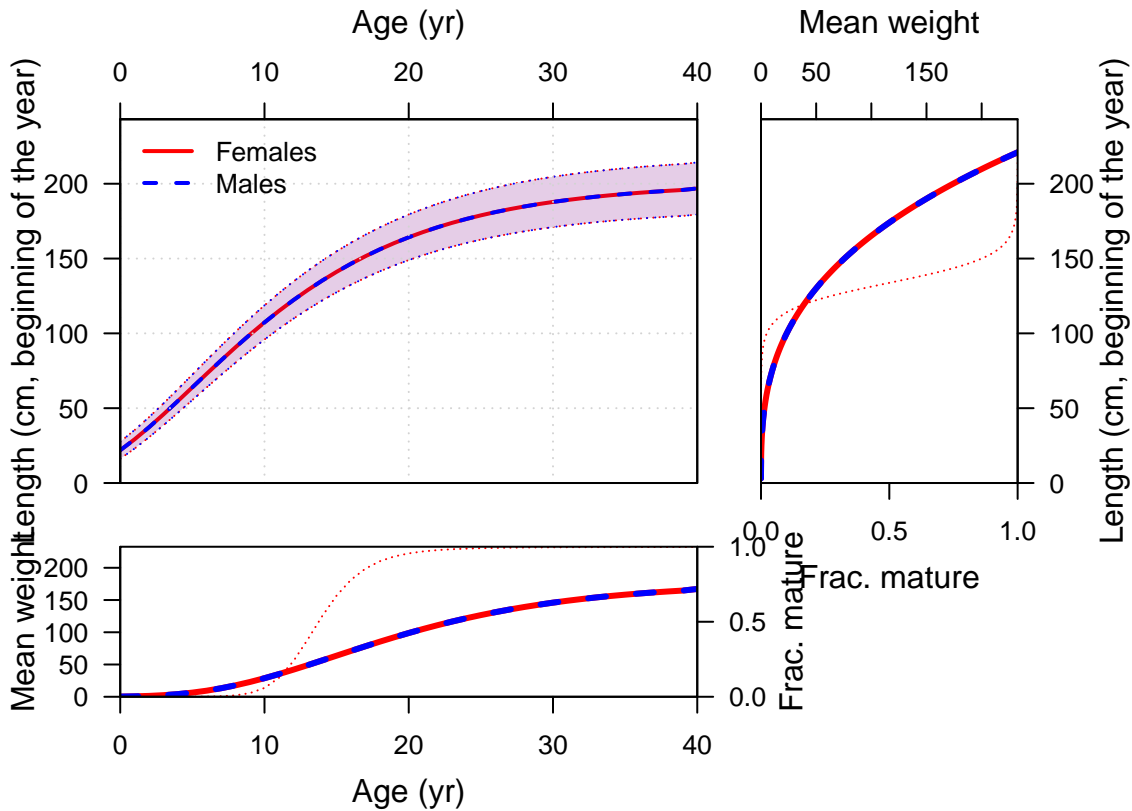
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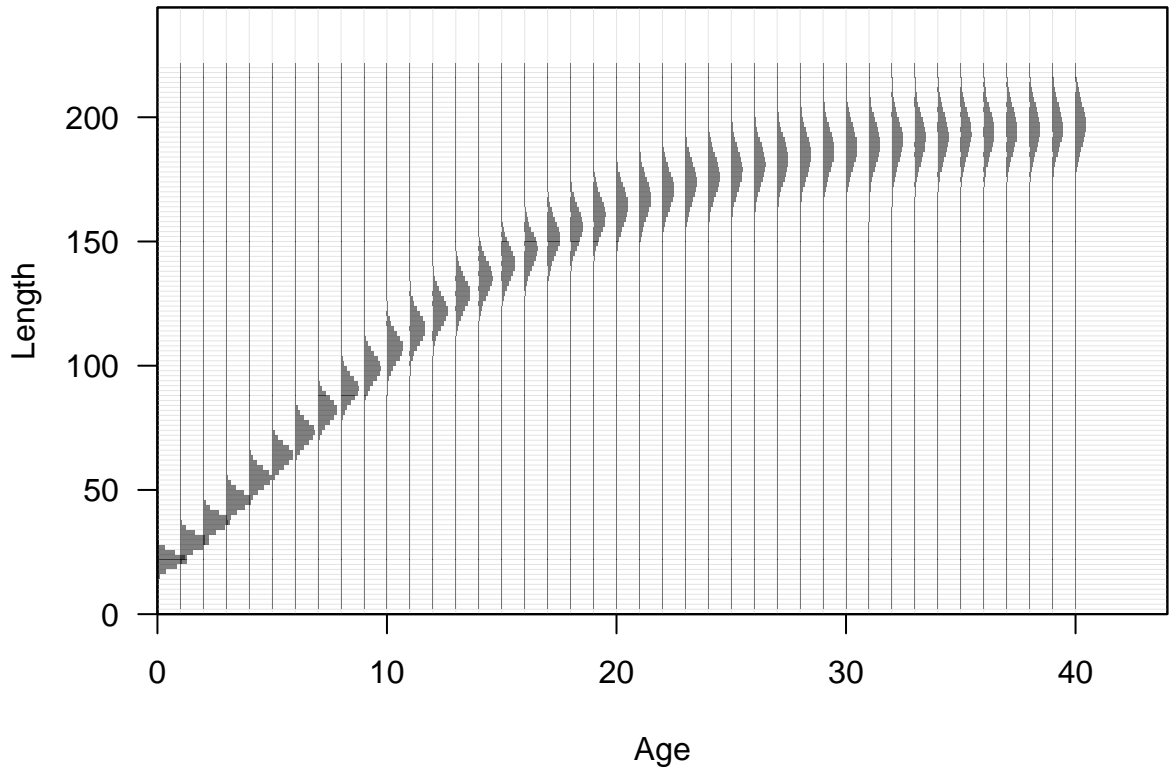
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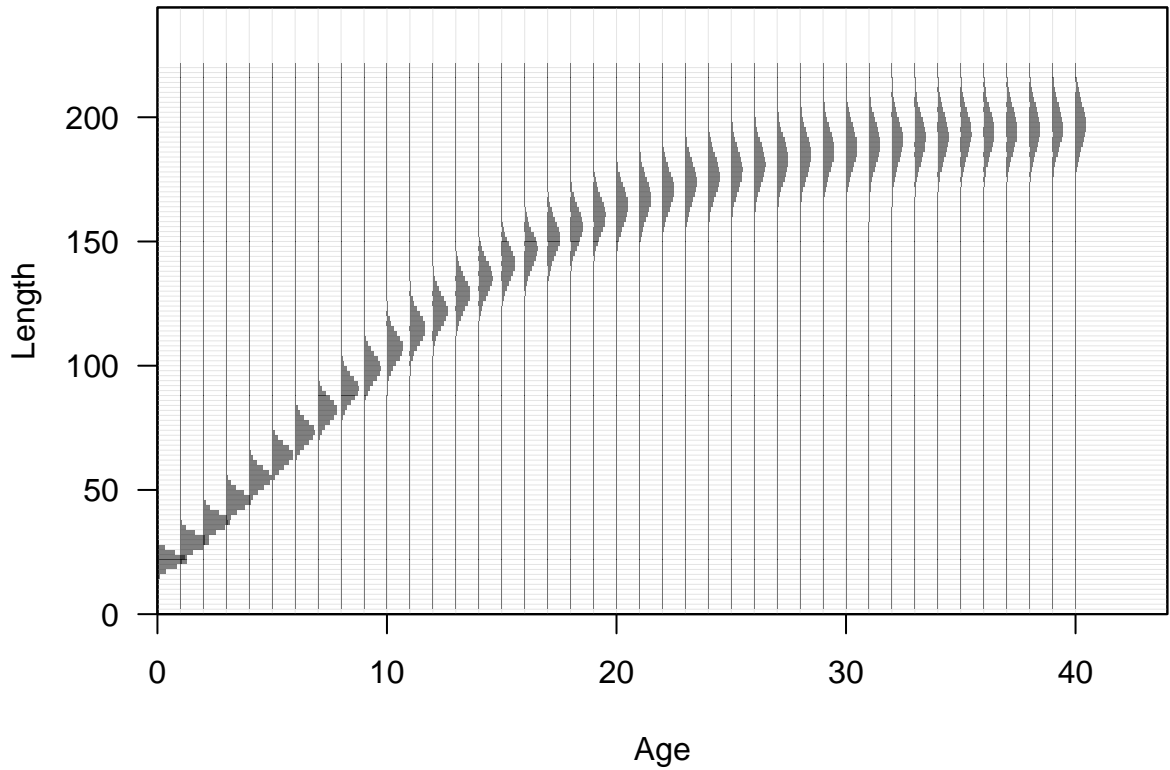
## Ending year expected growth (with 95% intervals)

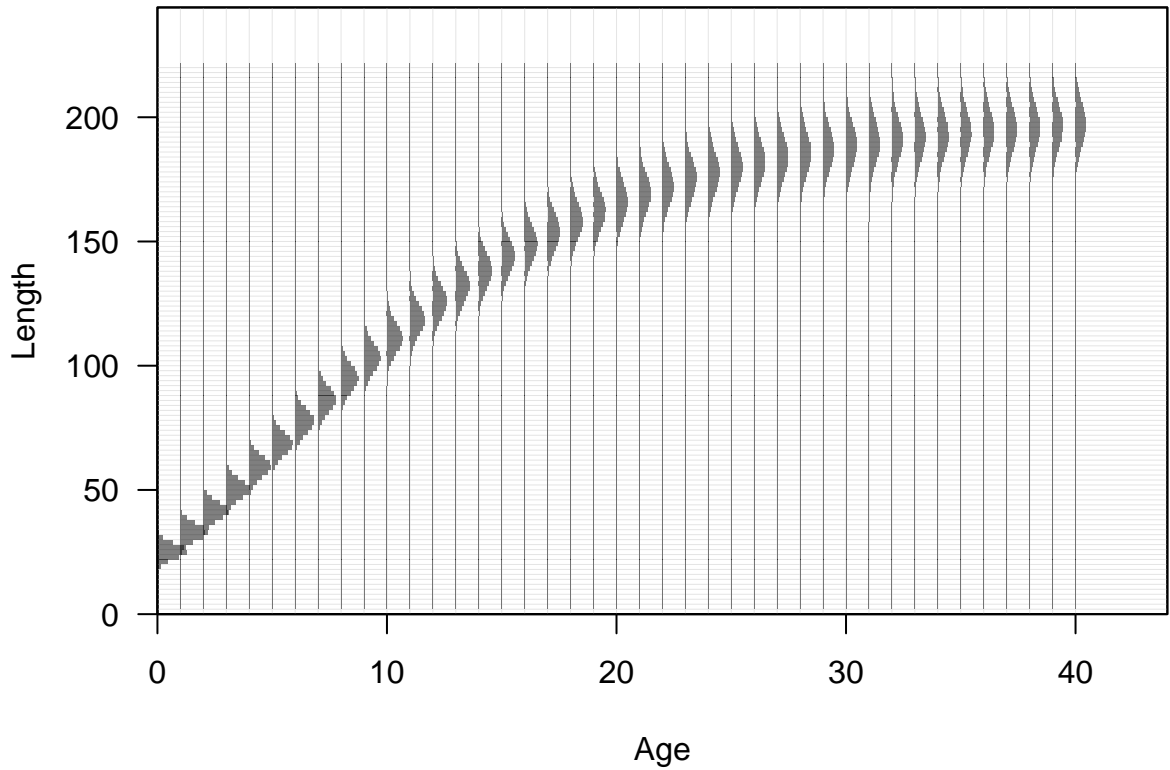


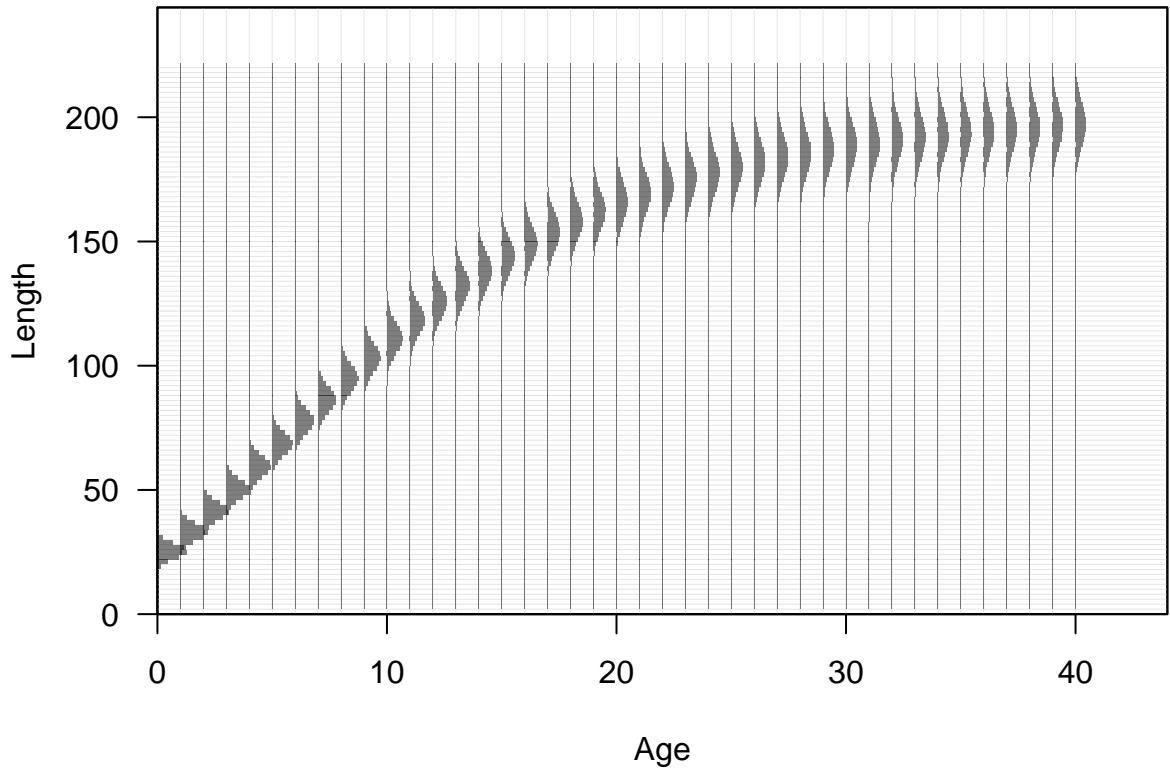




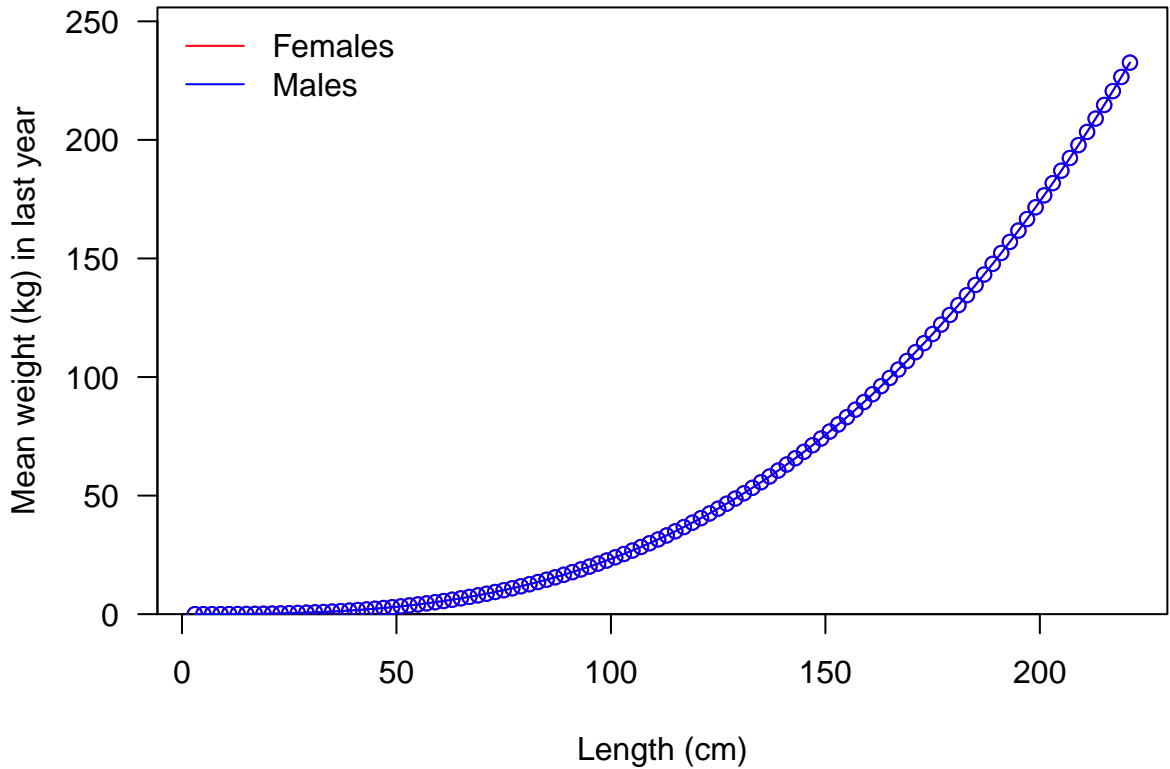


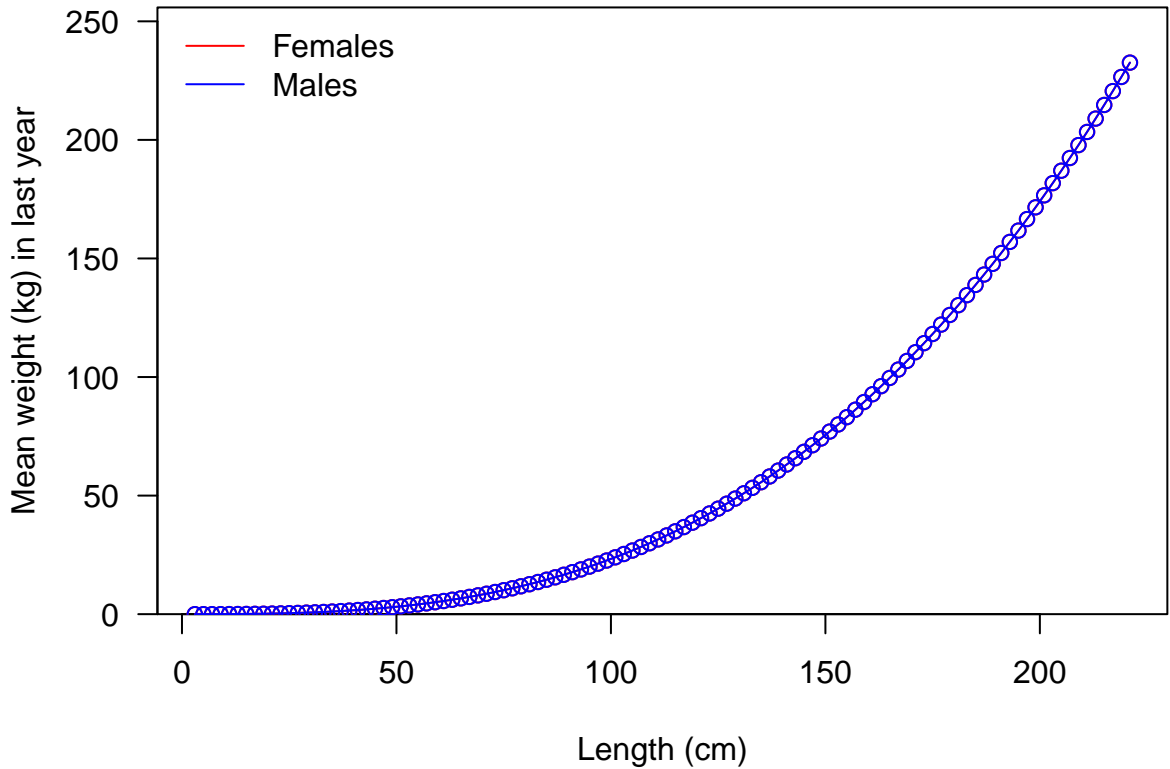


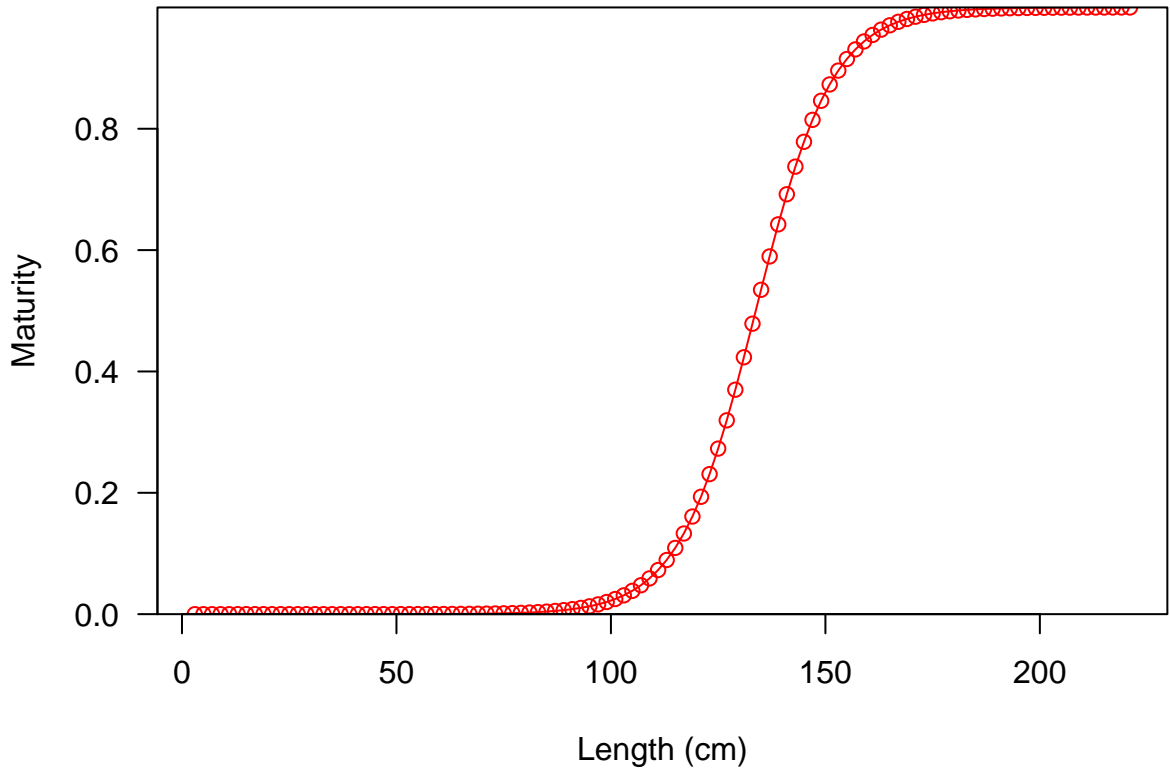


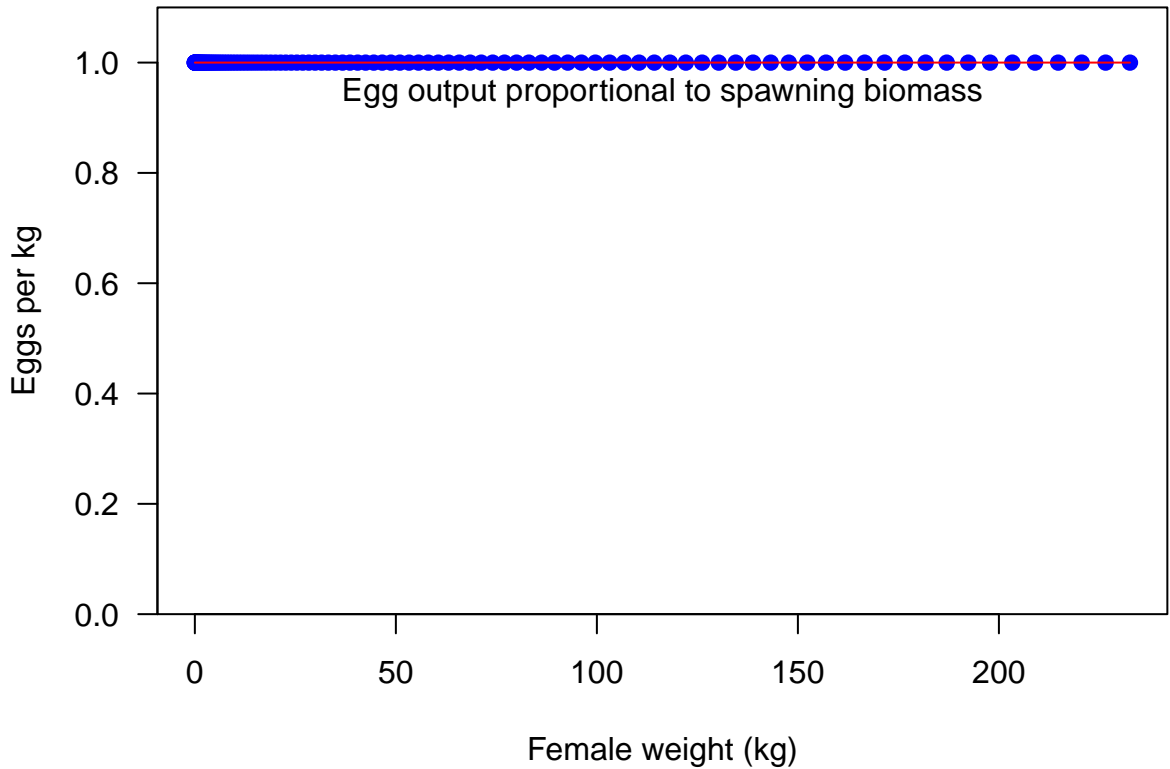


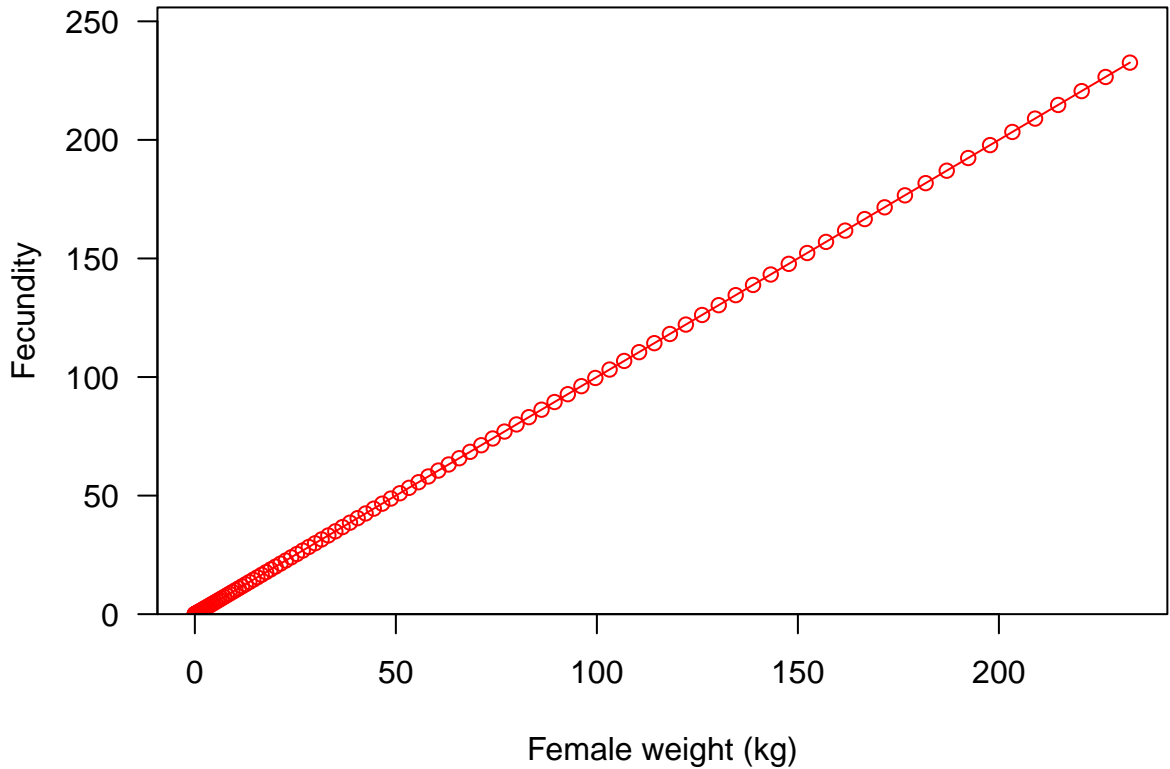


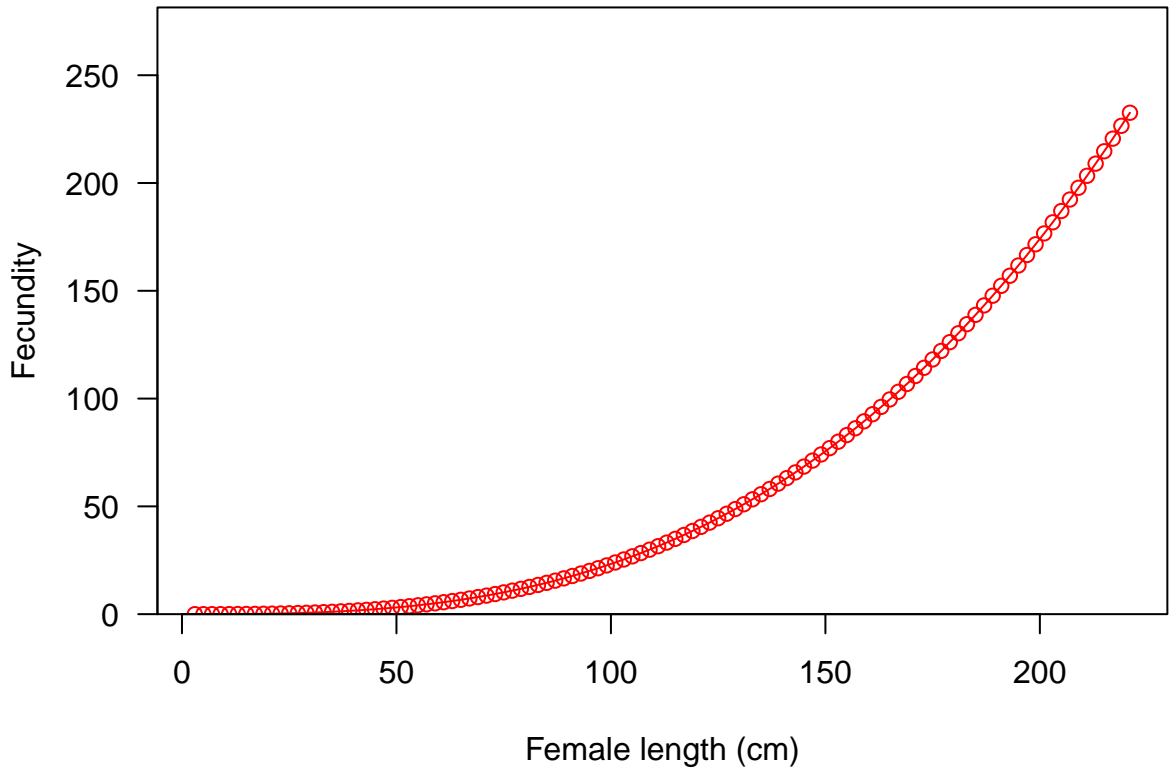


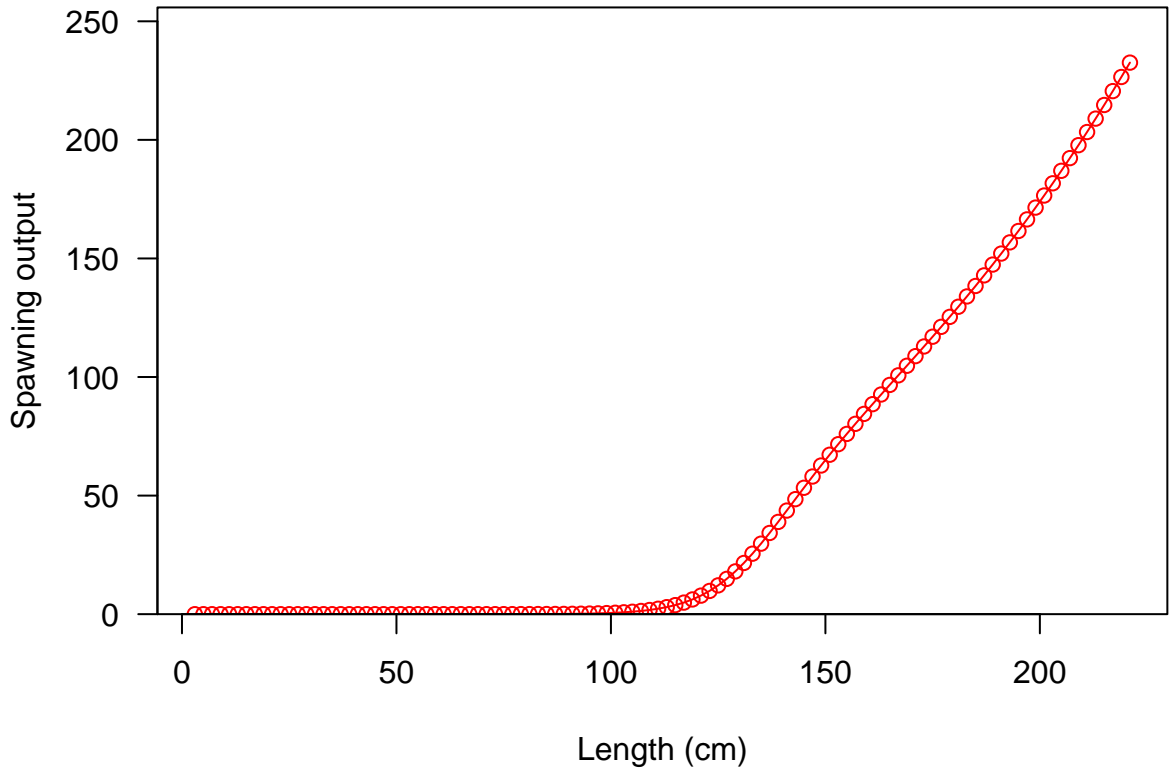


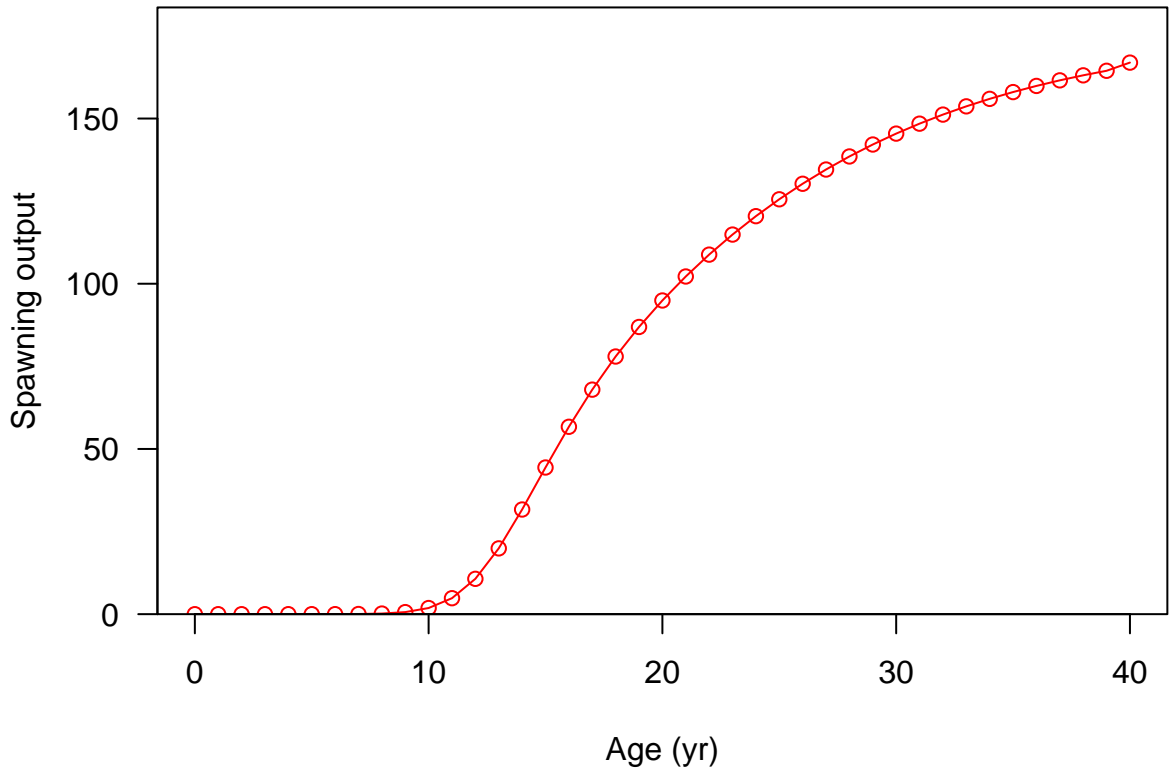




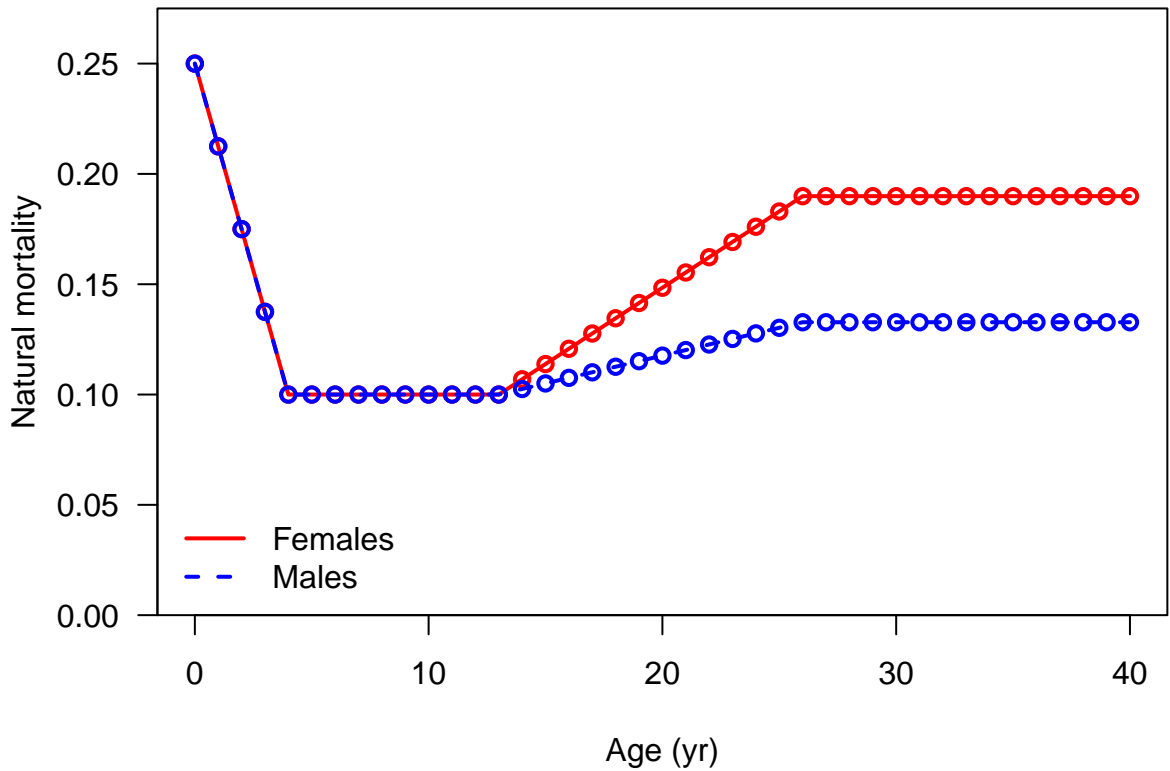




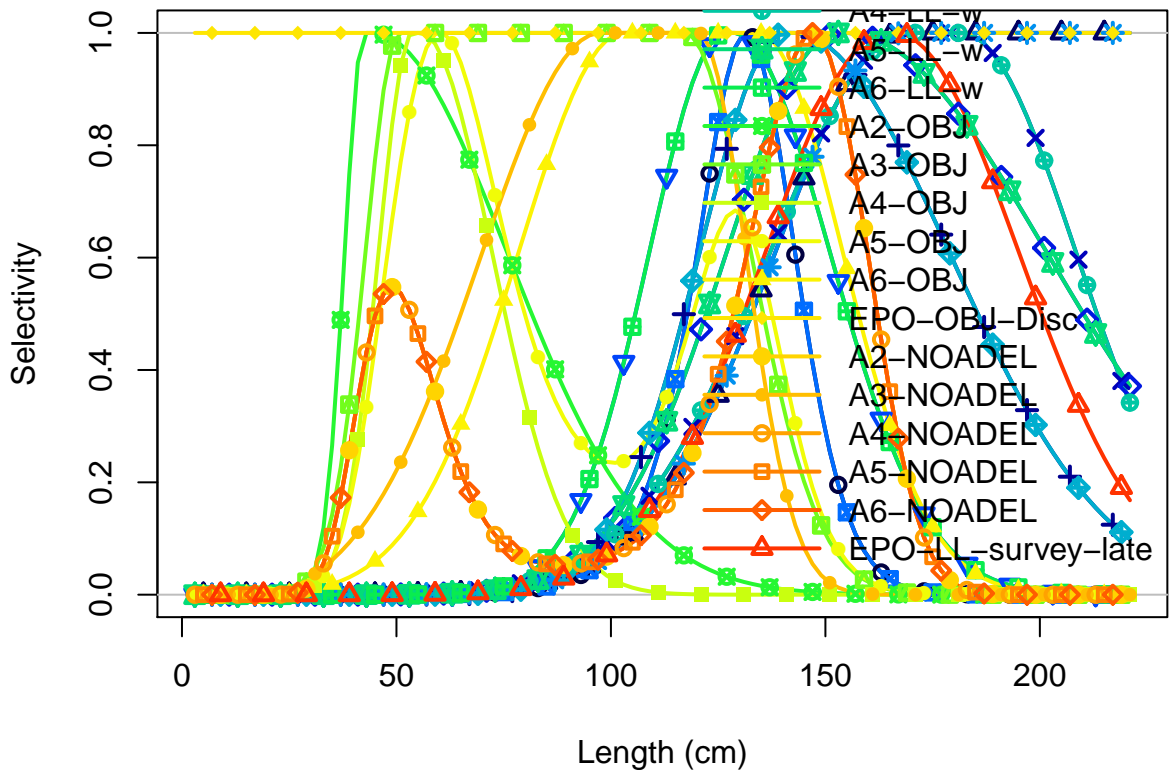




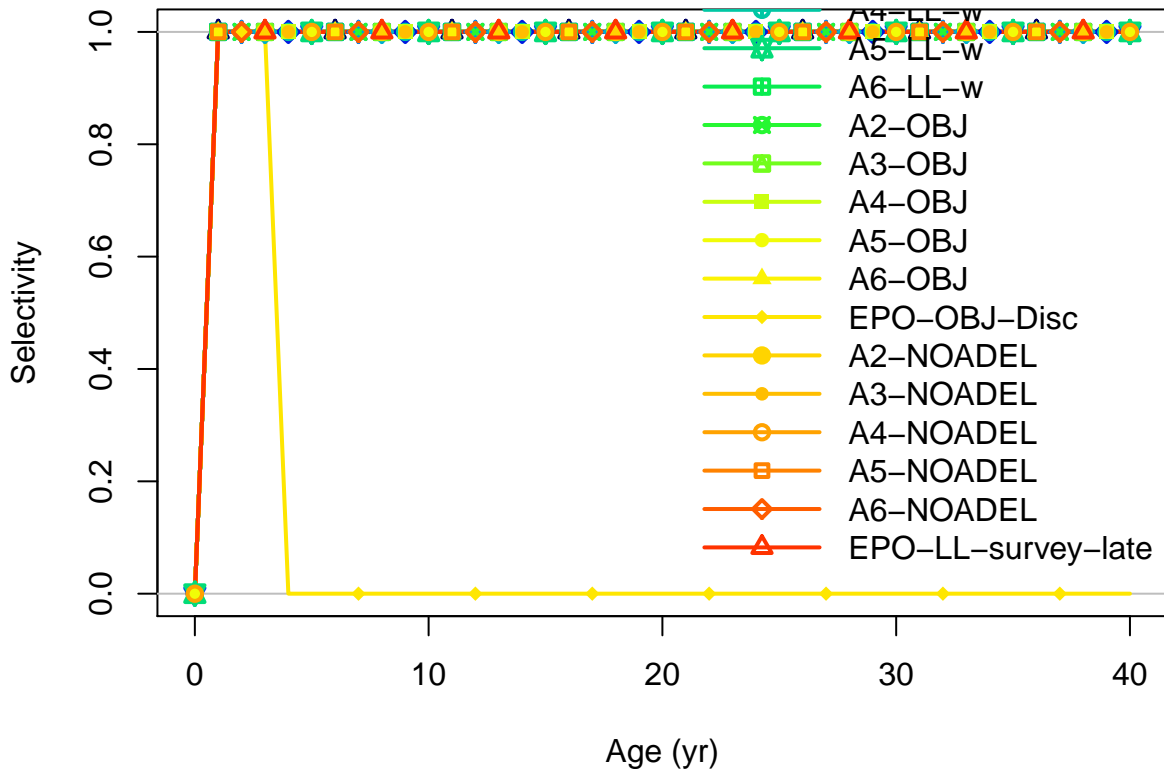




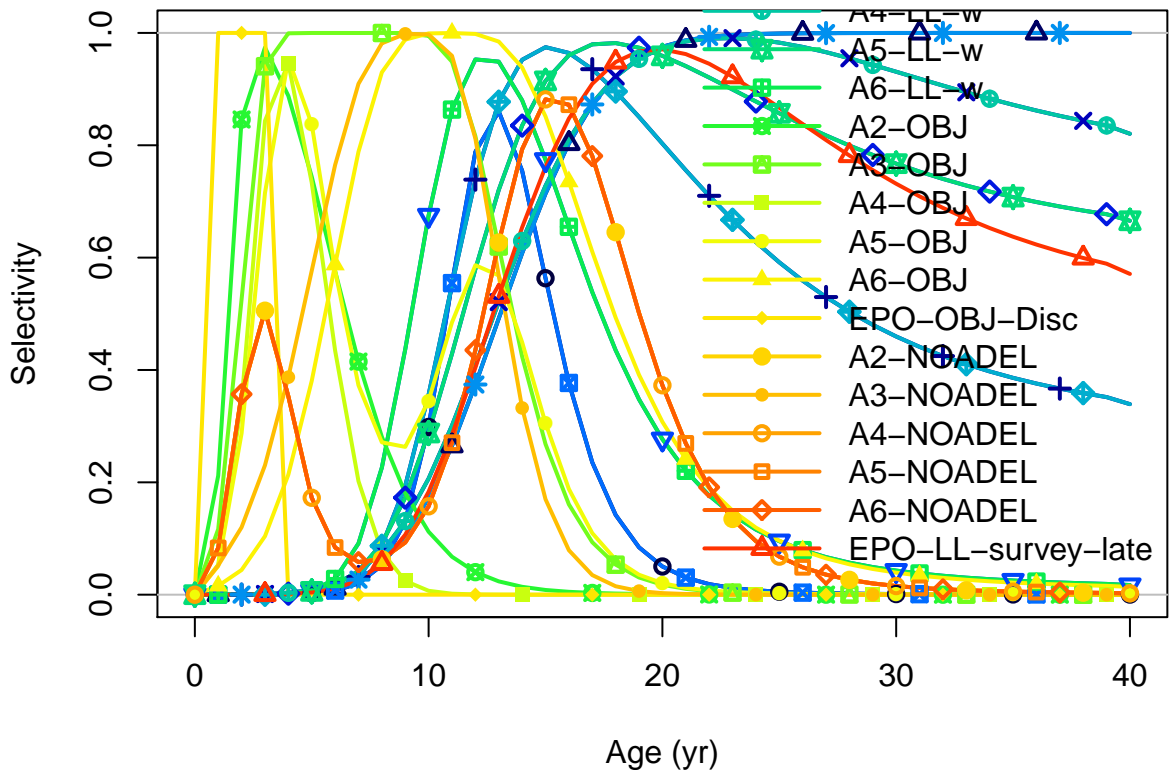
## Length-based selectivity by fleet in 180



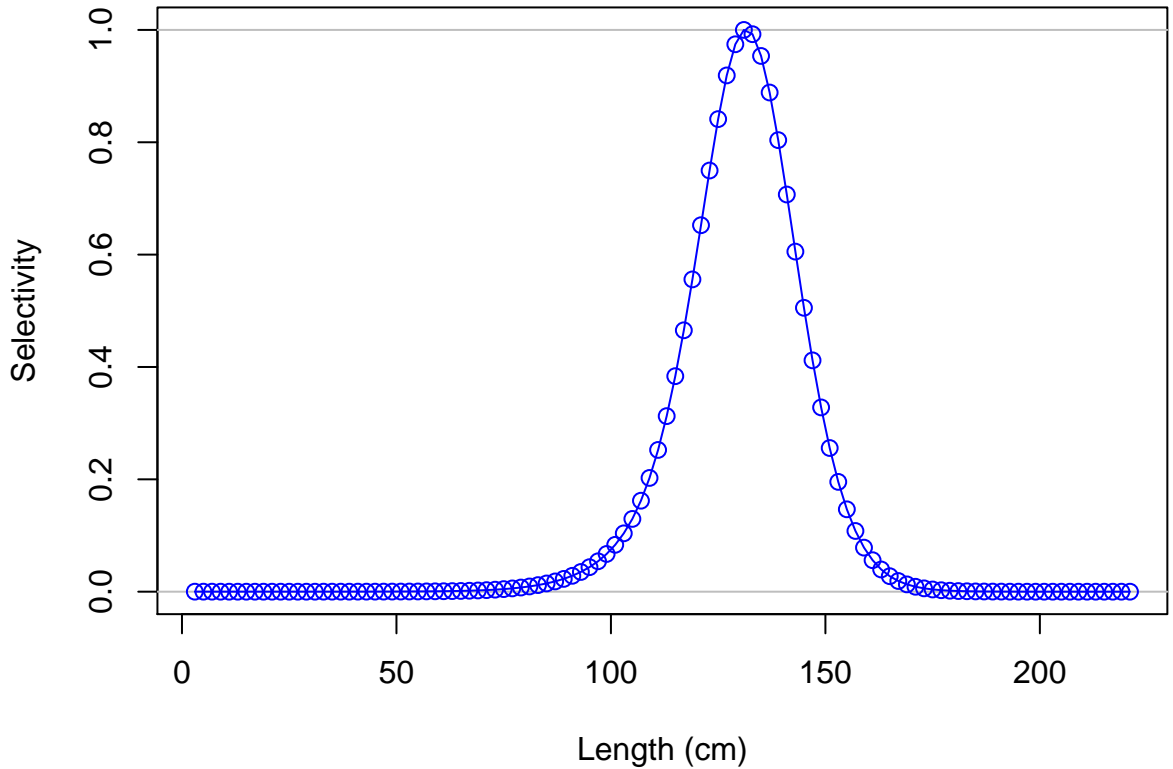
## Age-based selectivity by fleet in 180



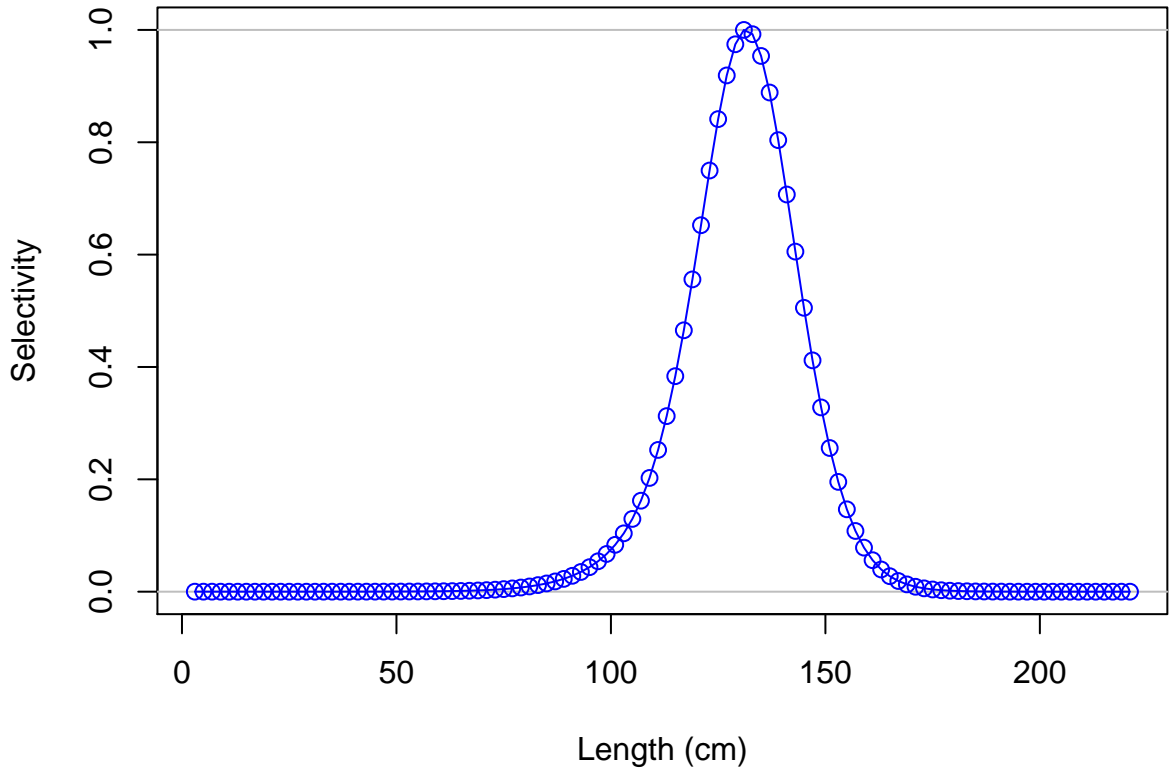
# Derived age-based from length-based selectivity by fleet in 180



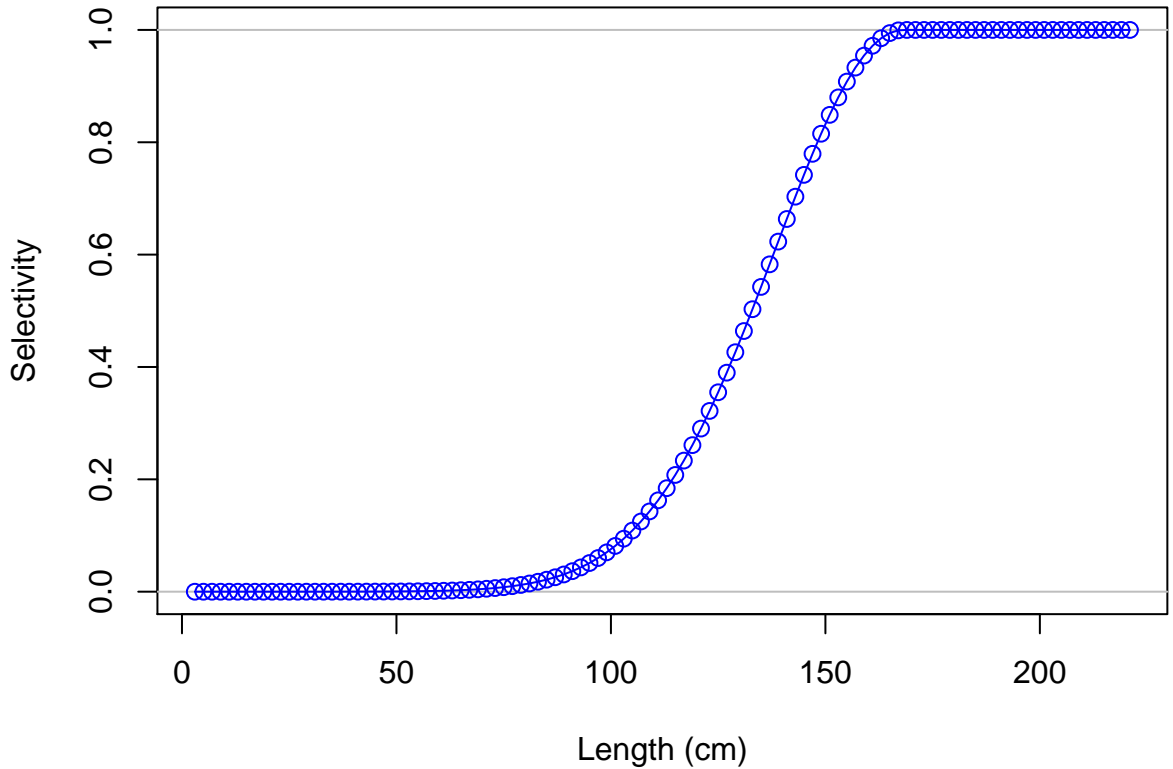
## Female ending year selectivity for A1-LL-n



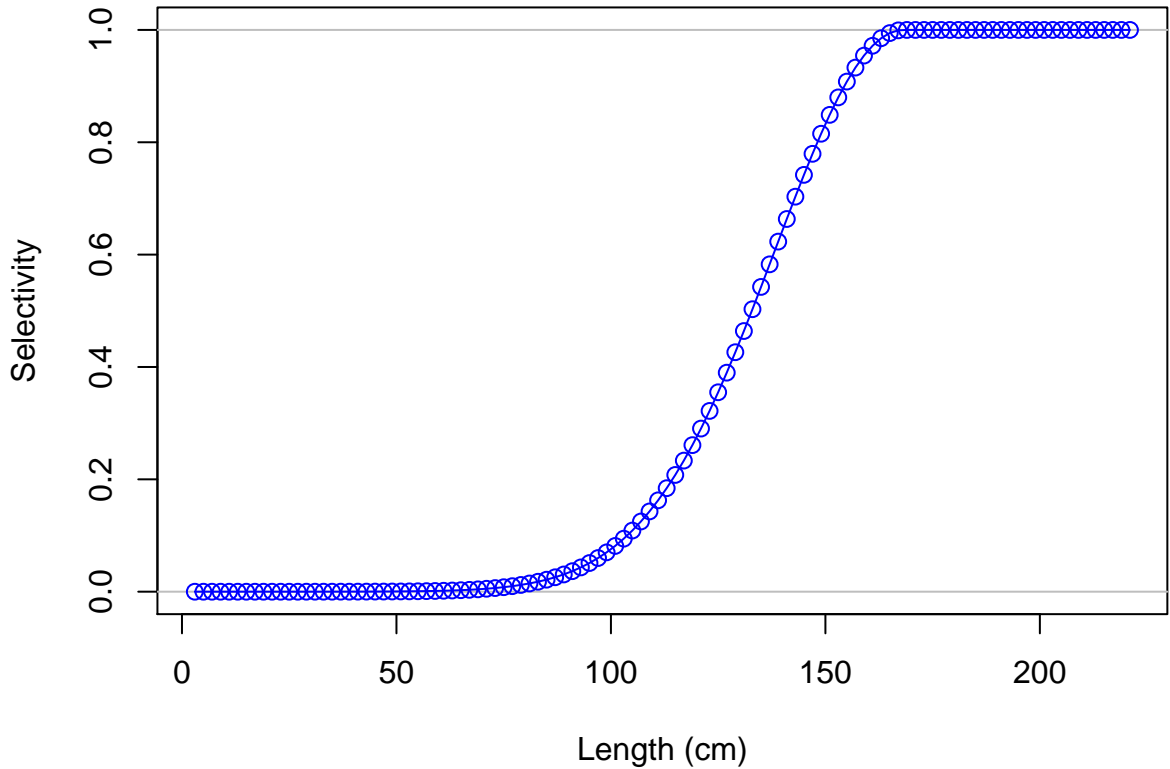
# Male ending year selectivity for A1-LL-n



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

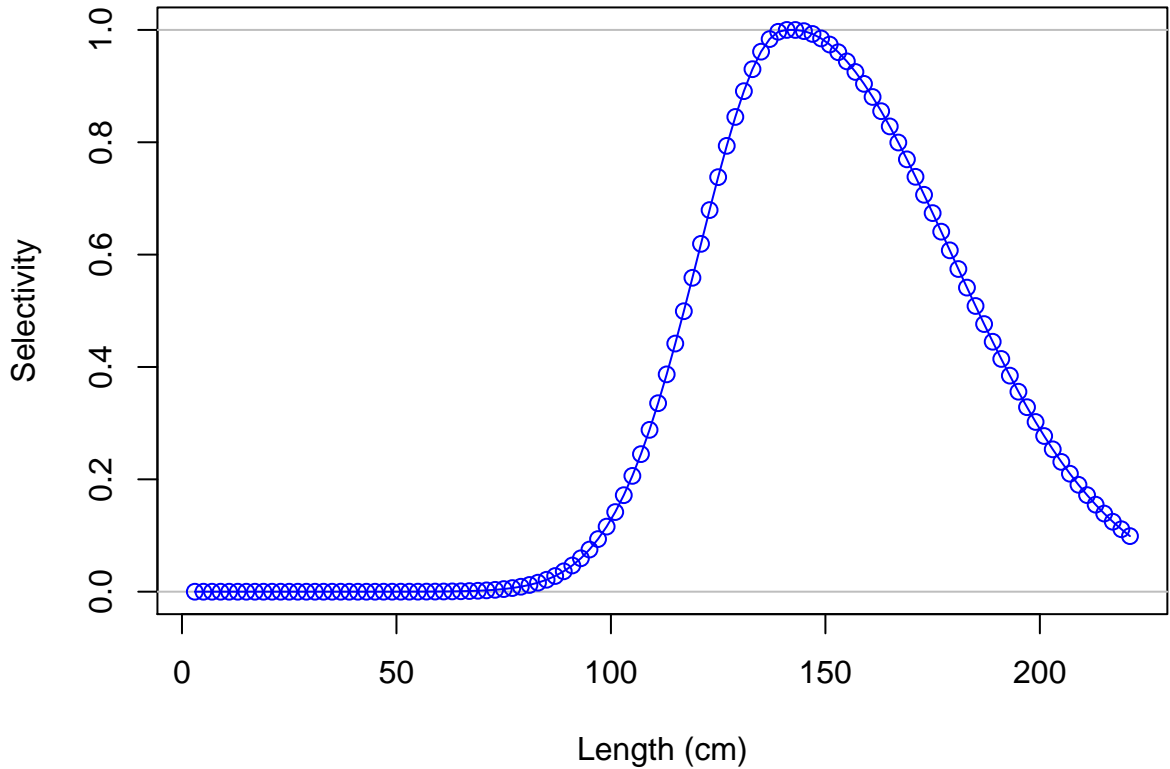


## Male ending year selectivity for A2-LL-n

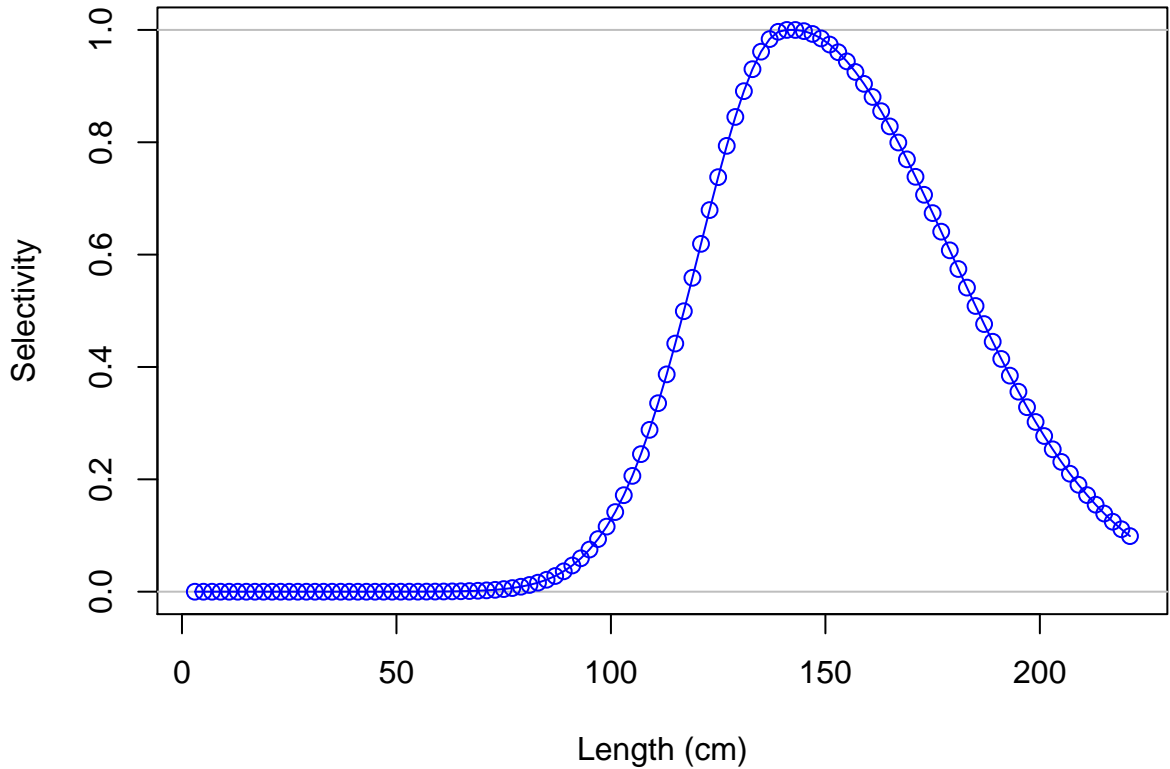




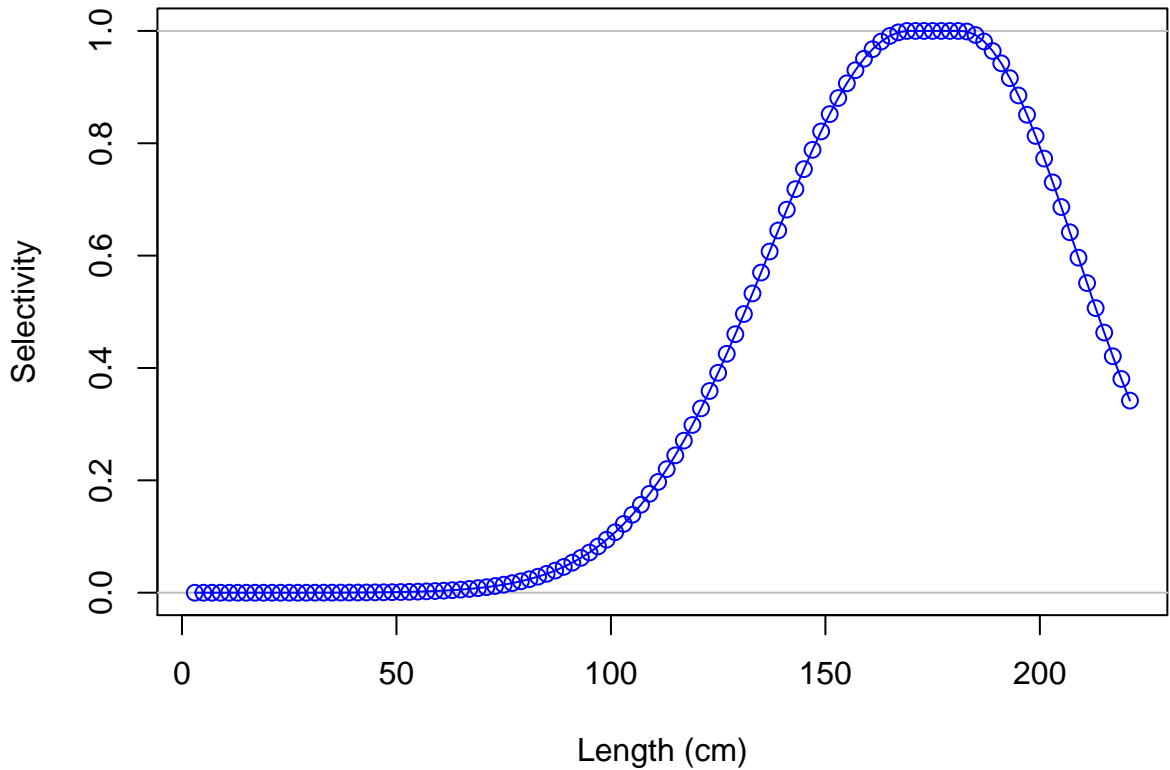
# Female ending year selectivity for A3-LL-n



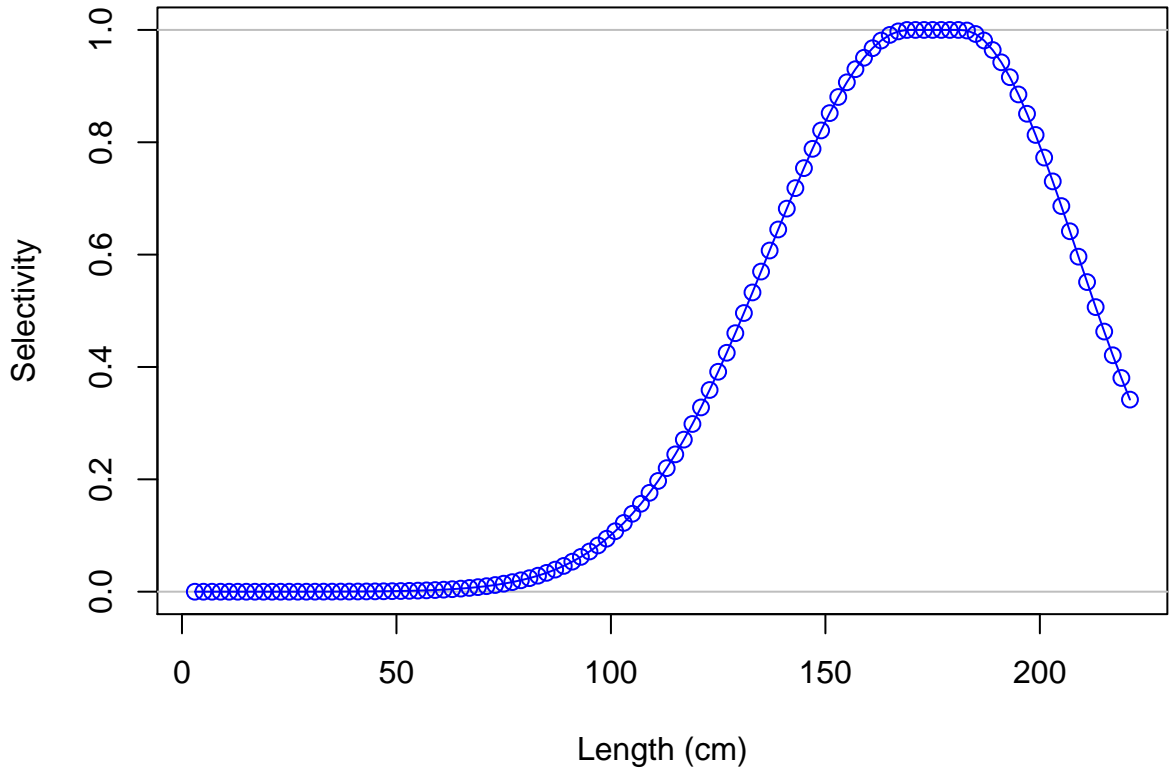
## Male ending year selectivity for A3-LL-n



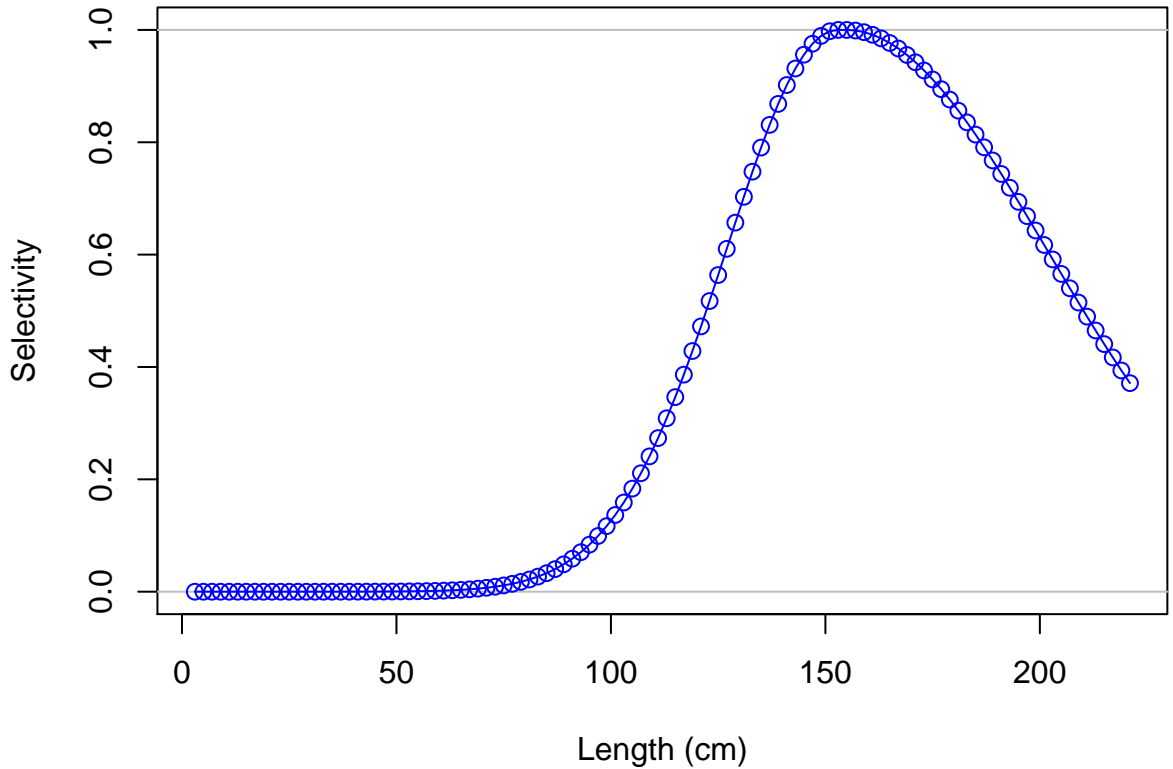
## Female ending year selectivity for A4-LL-n



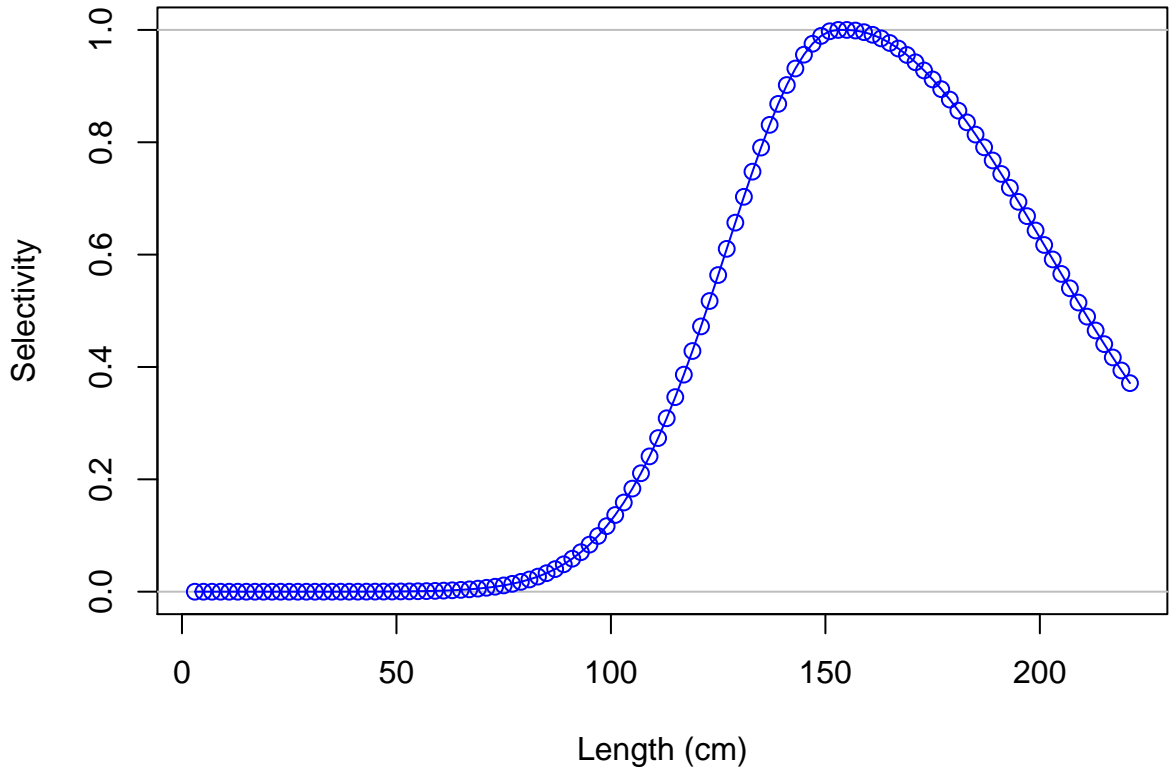
## Male ending year selectivity for A4-LL-n



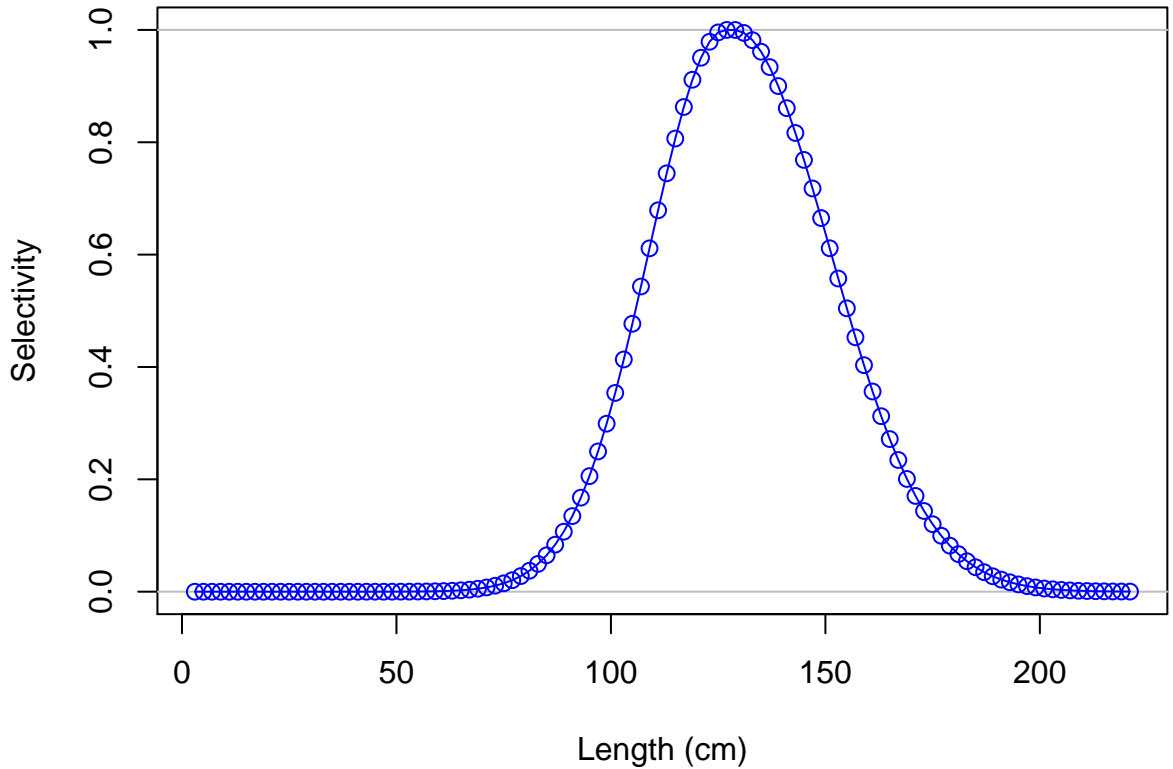
## Female ending year selectivity for A5-LL-n



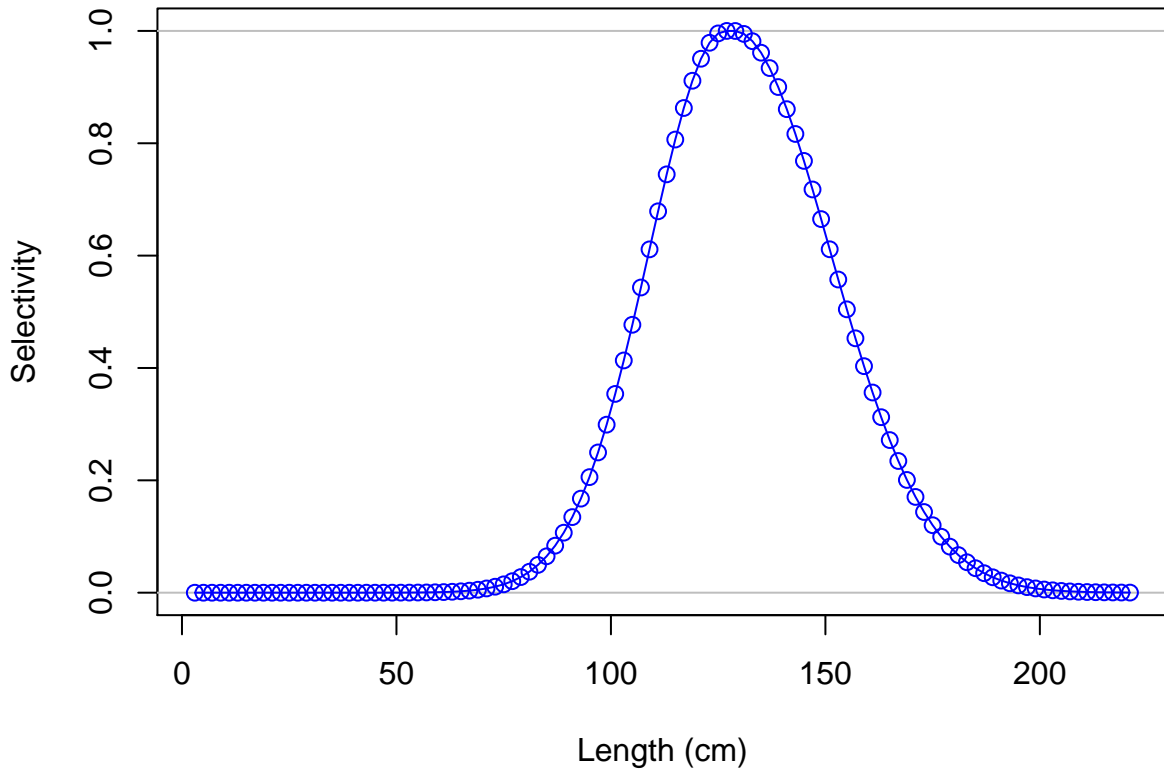
## Male ending year selectivity for A5-LL-n



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

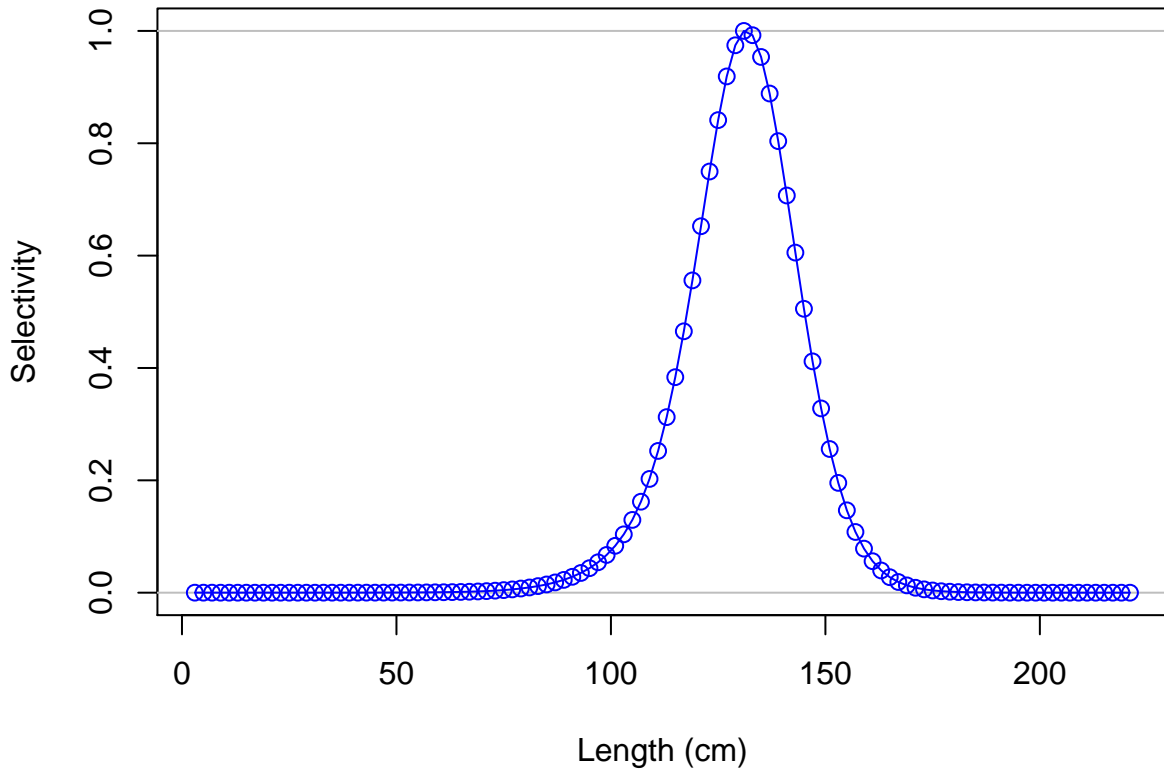


## Male ending year selectivity for A6-LL-n

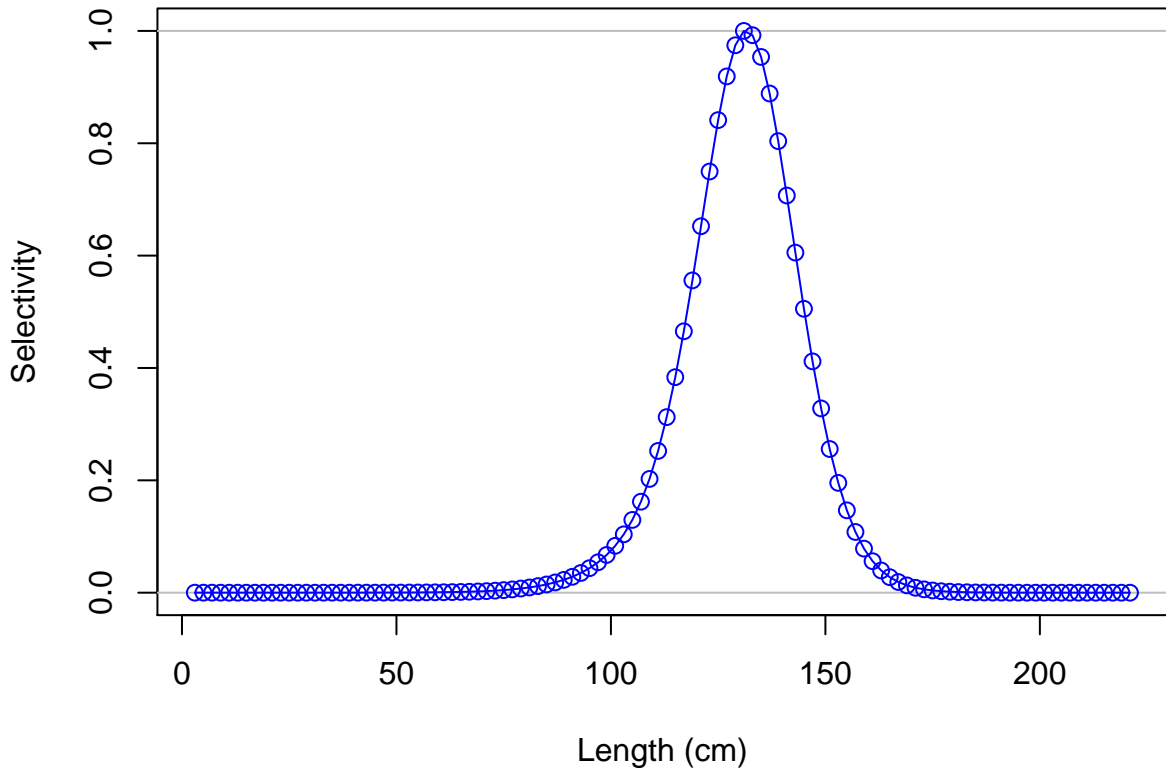




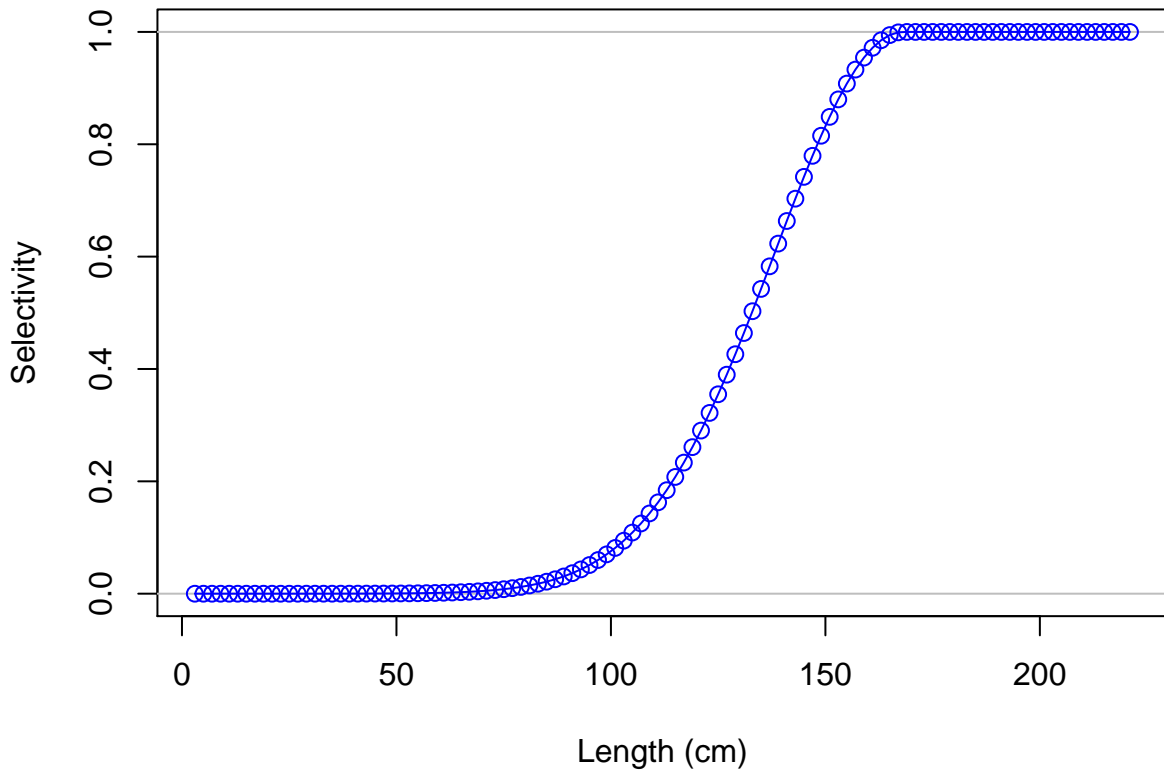
## Female ending year selectivity for A1-LL-w



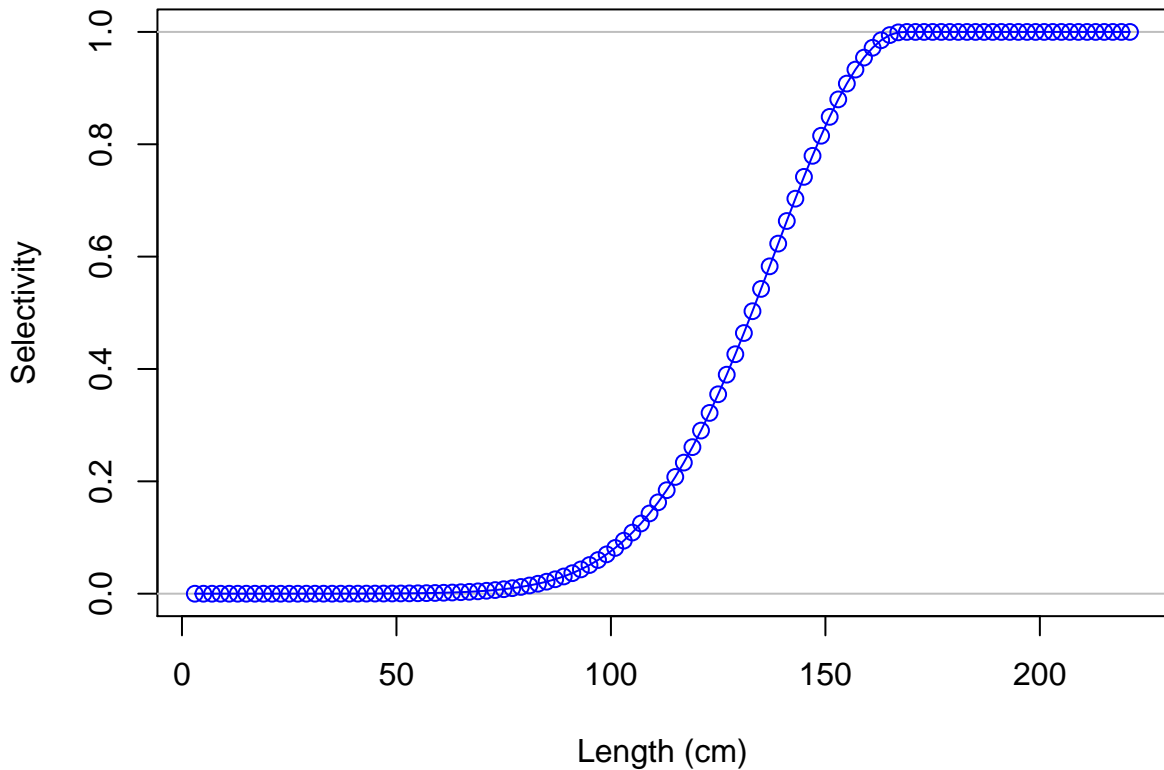
# Male ending year selectivity for A1-LL-w



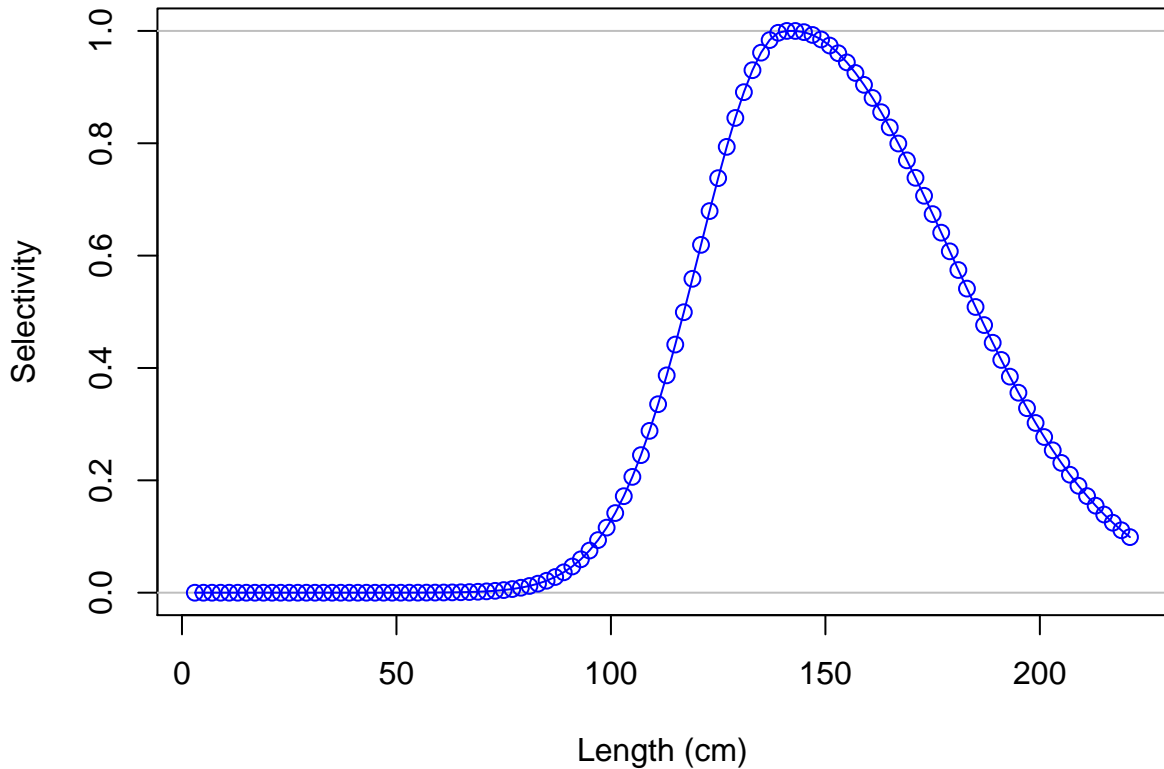
## Female ending year selectivity for A2-LL-w



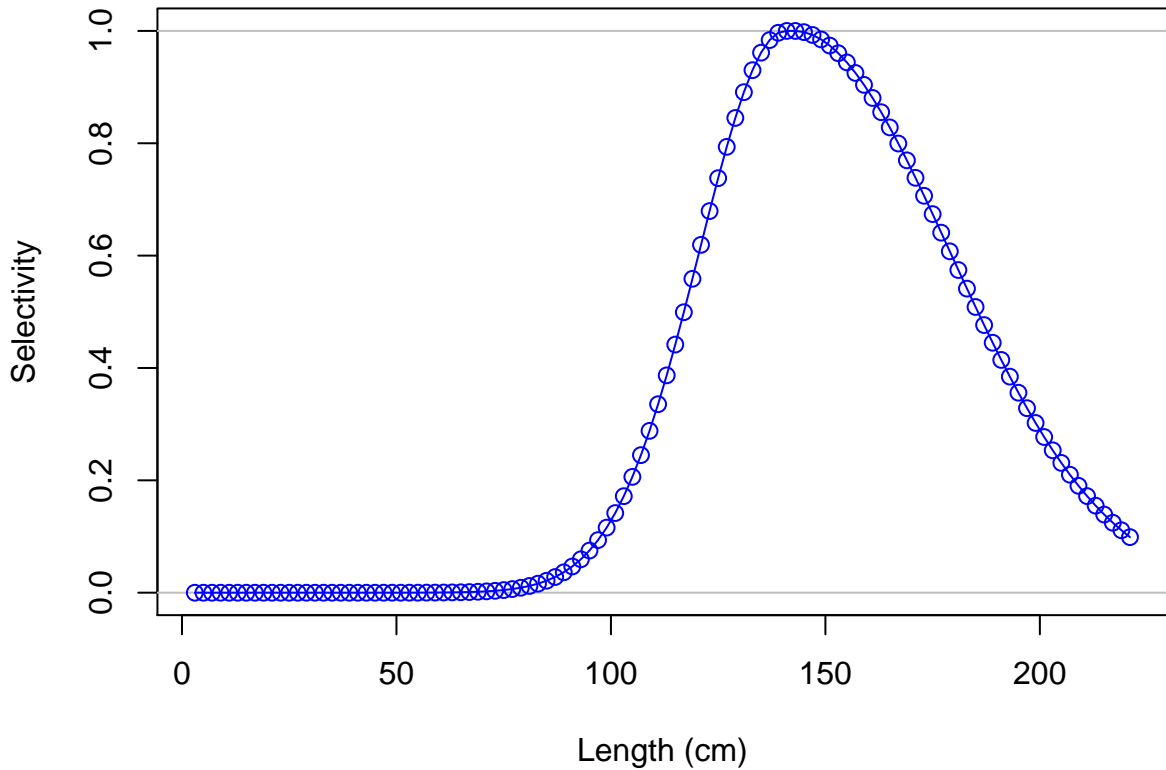
## Male ending year selectivity for A2-LL-w



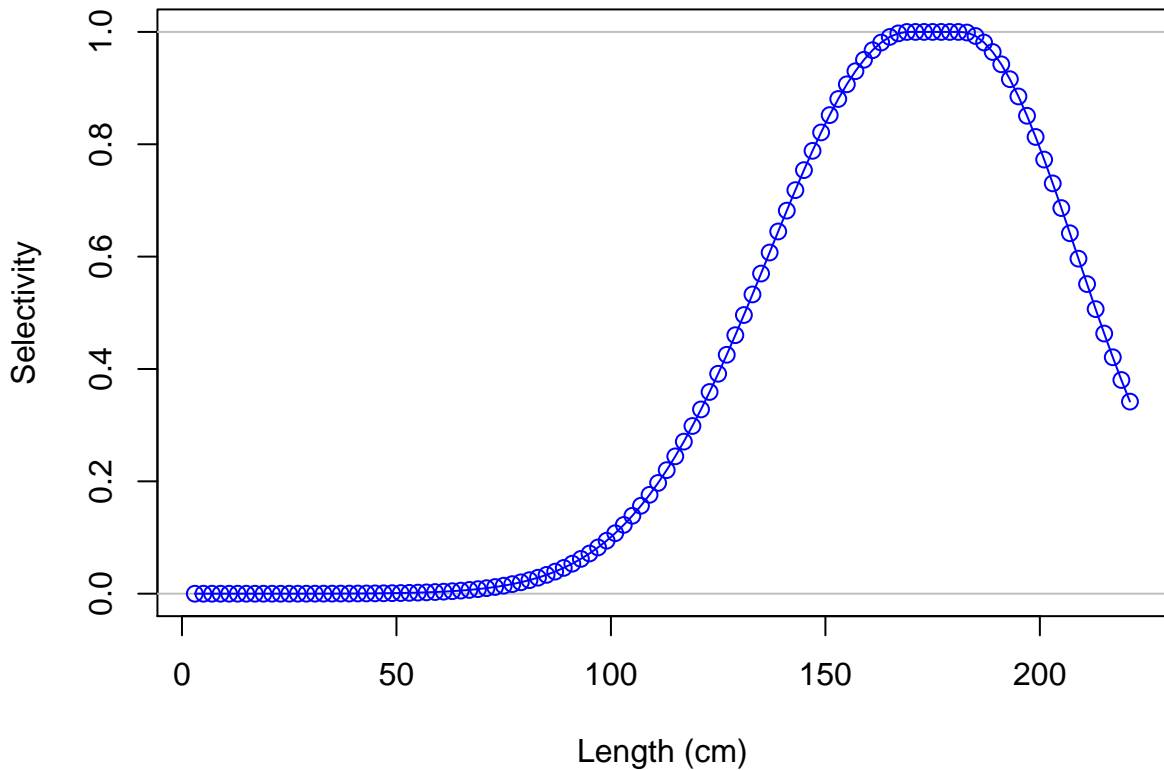
## Female ending year selectivity for A3-LL-w



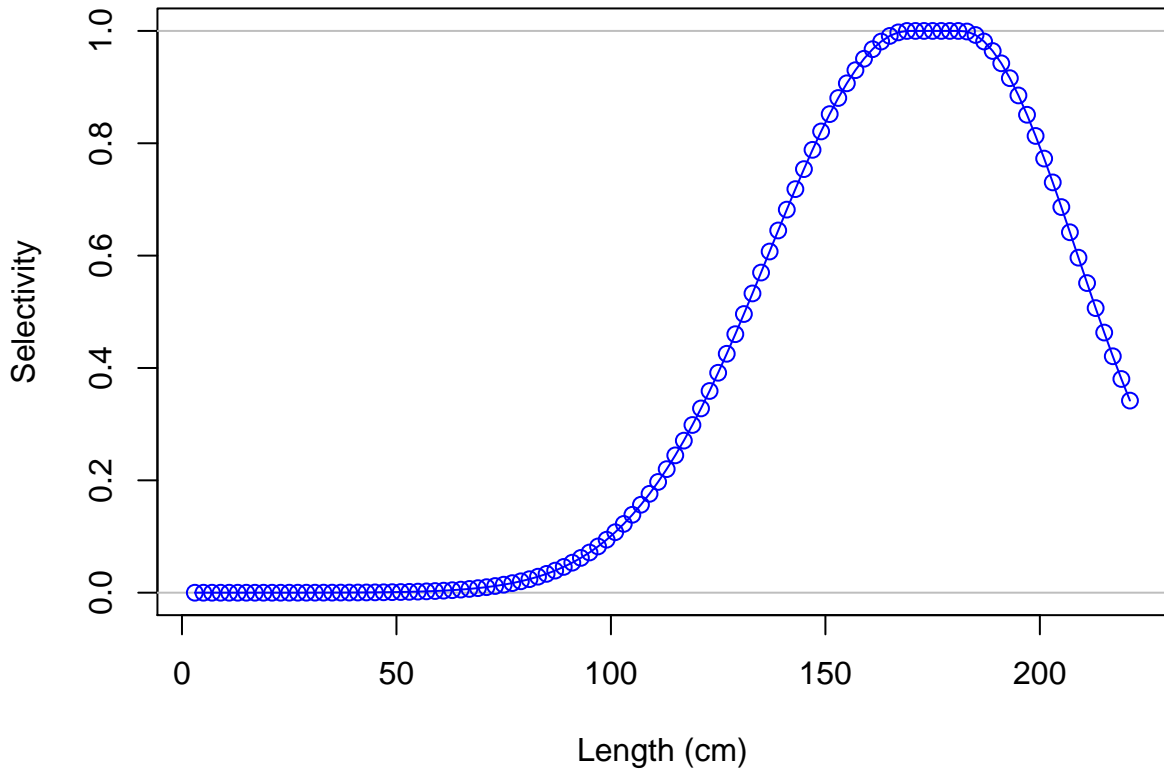
## Male ending year selectivity for A3-LL-w



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

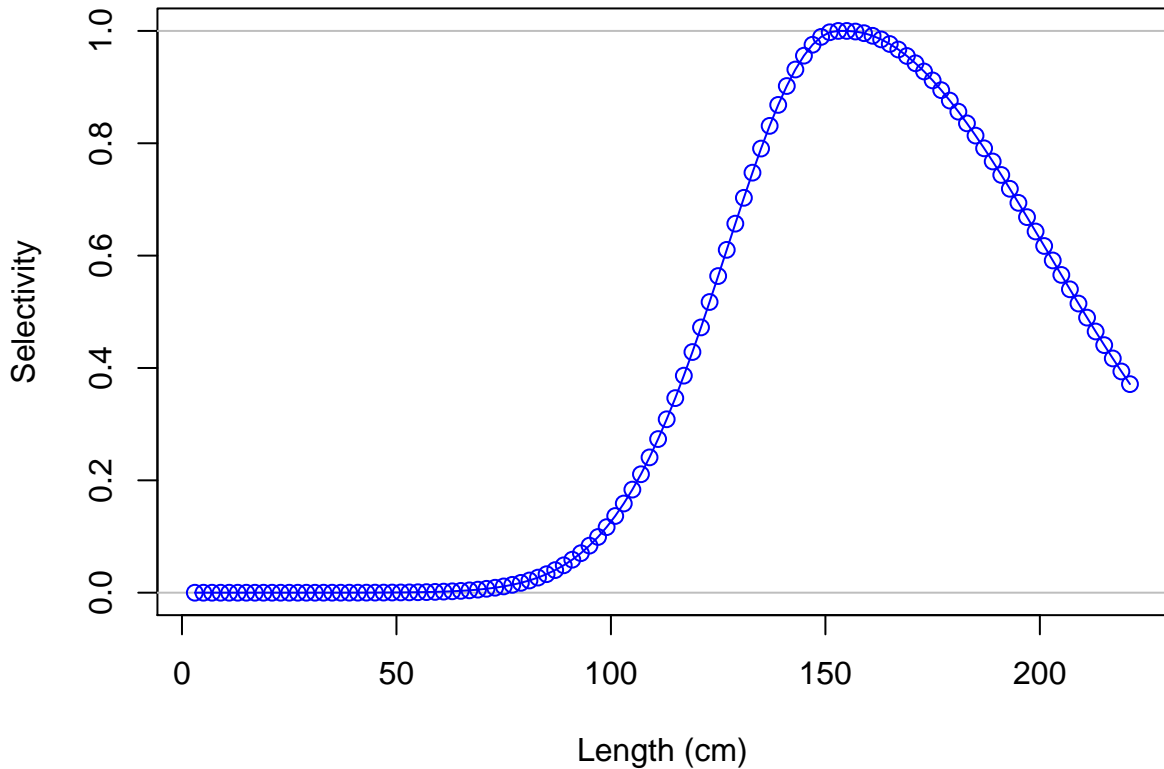


### Male ending year selectivity for A4-LL-w

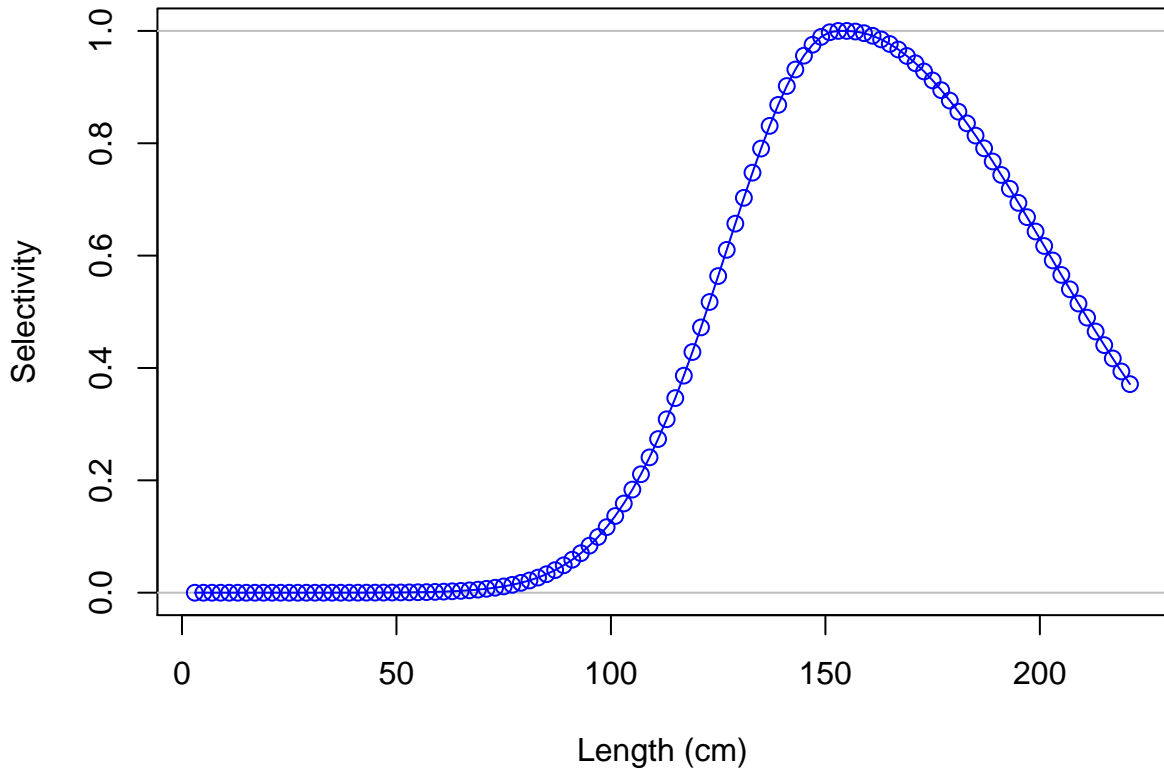




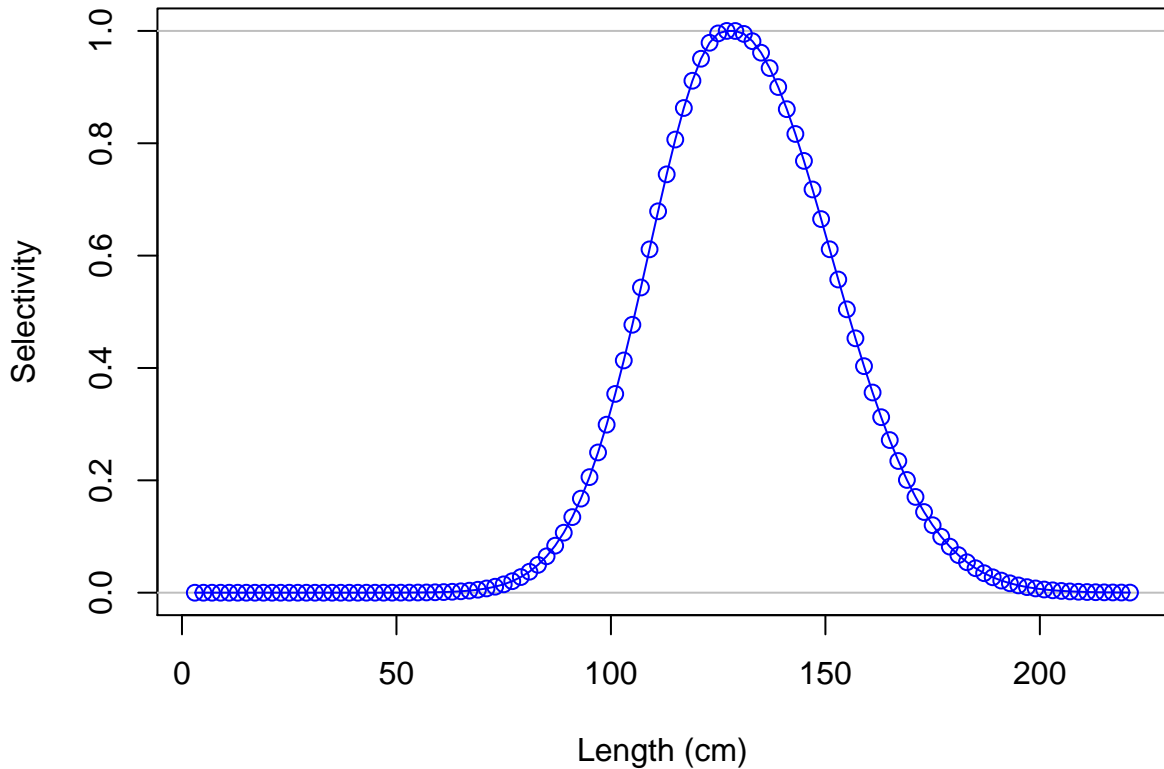
## Female ending year selectivity for A5-LL-w



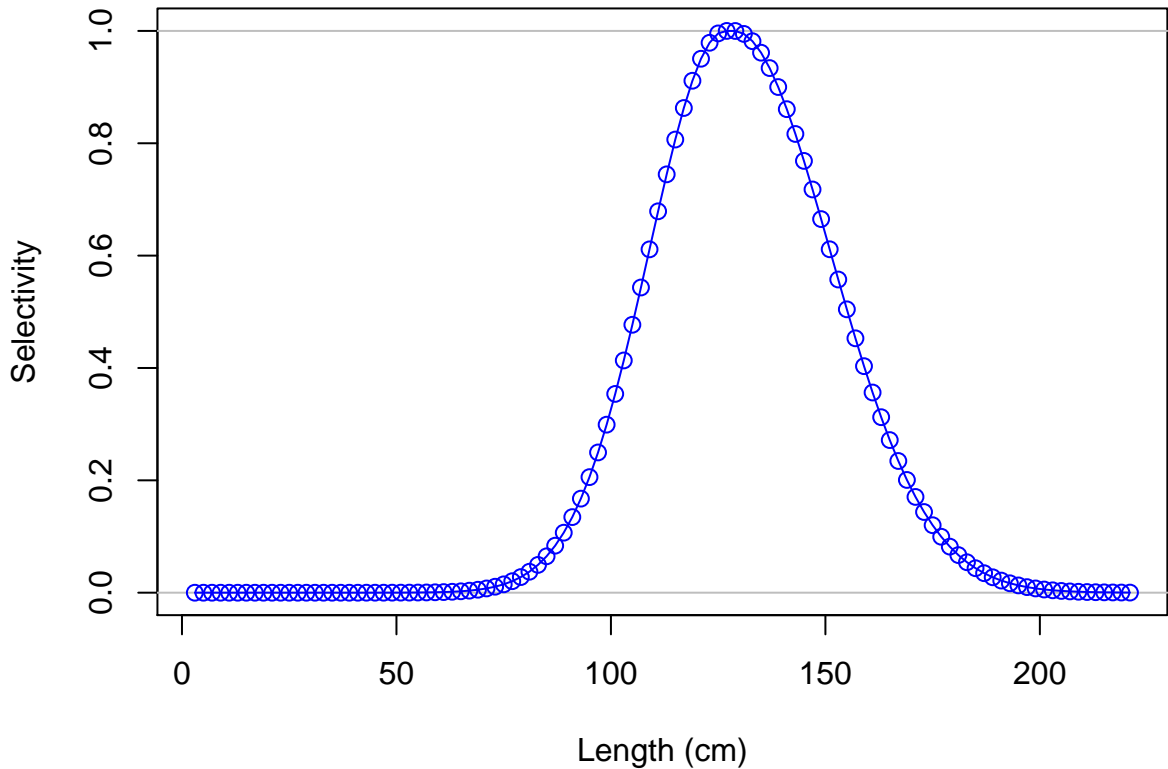
### Male ending year selectivity for A5-LL-w



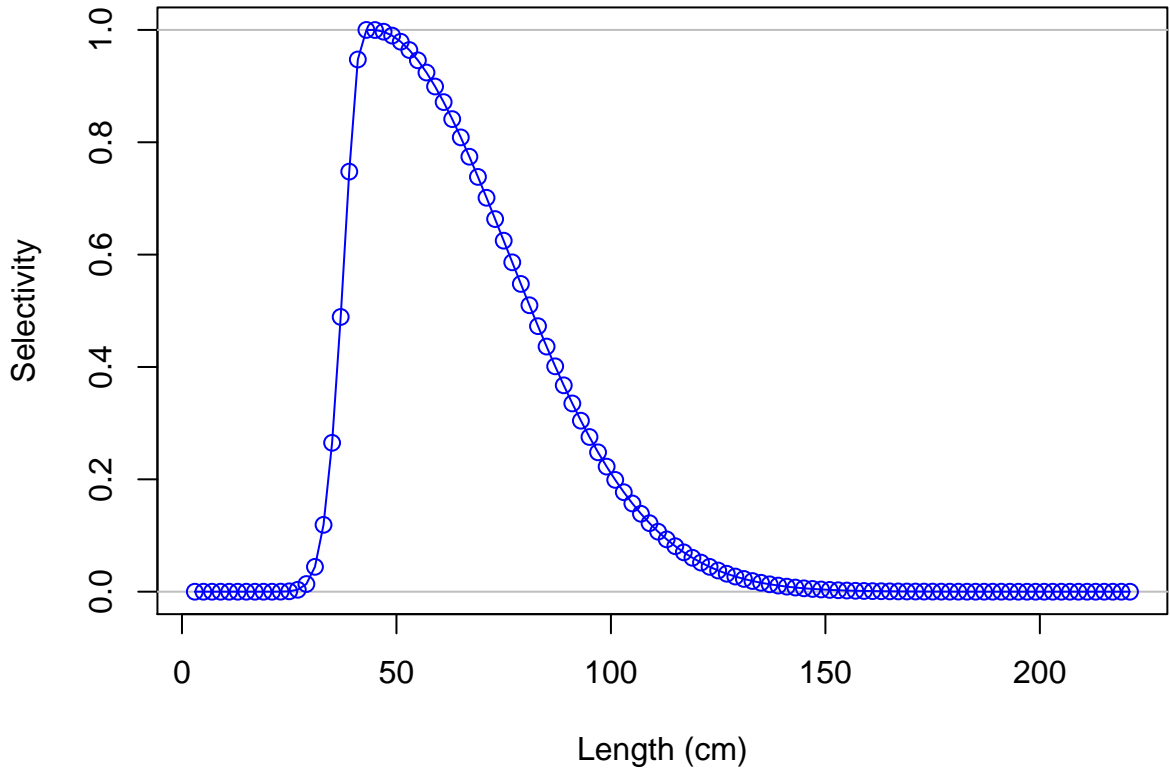
## Female ending year selectivity for A6-LL-w



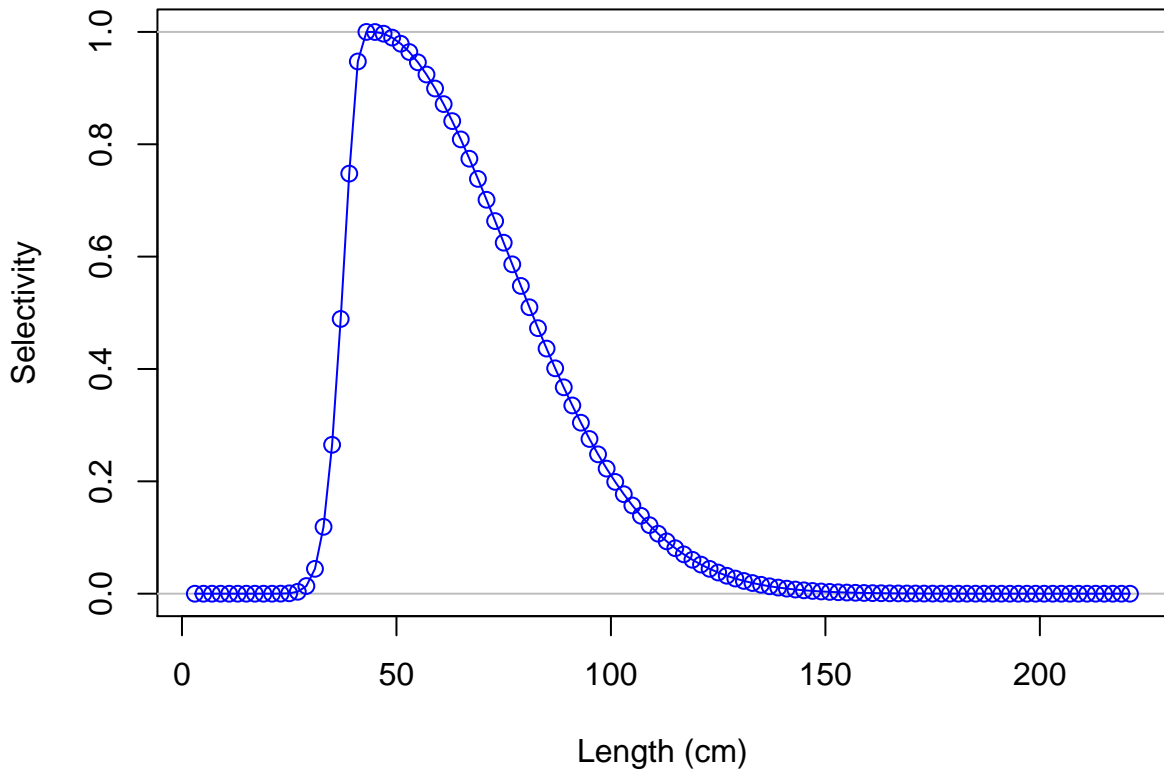
## Male ending year selectivity for A6-LL-w



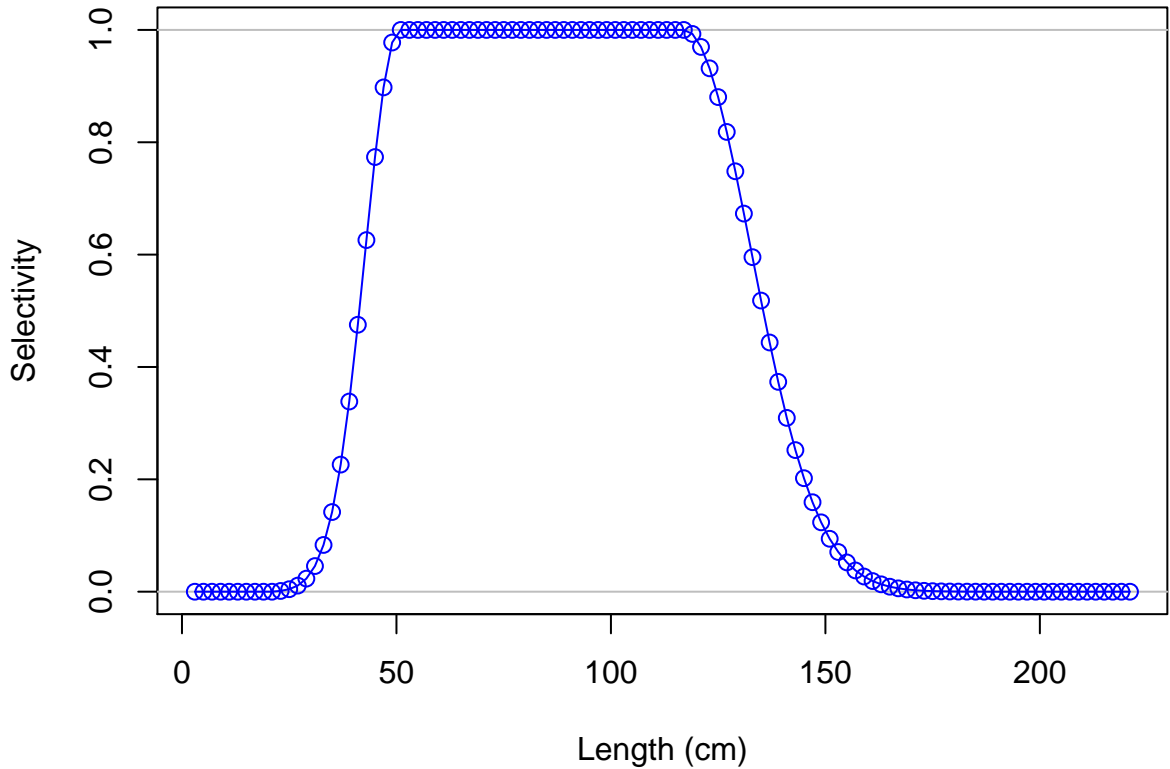
## Female ending year selectivity for A2-OBJ



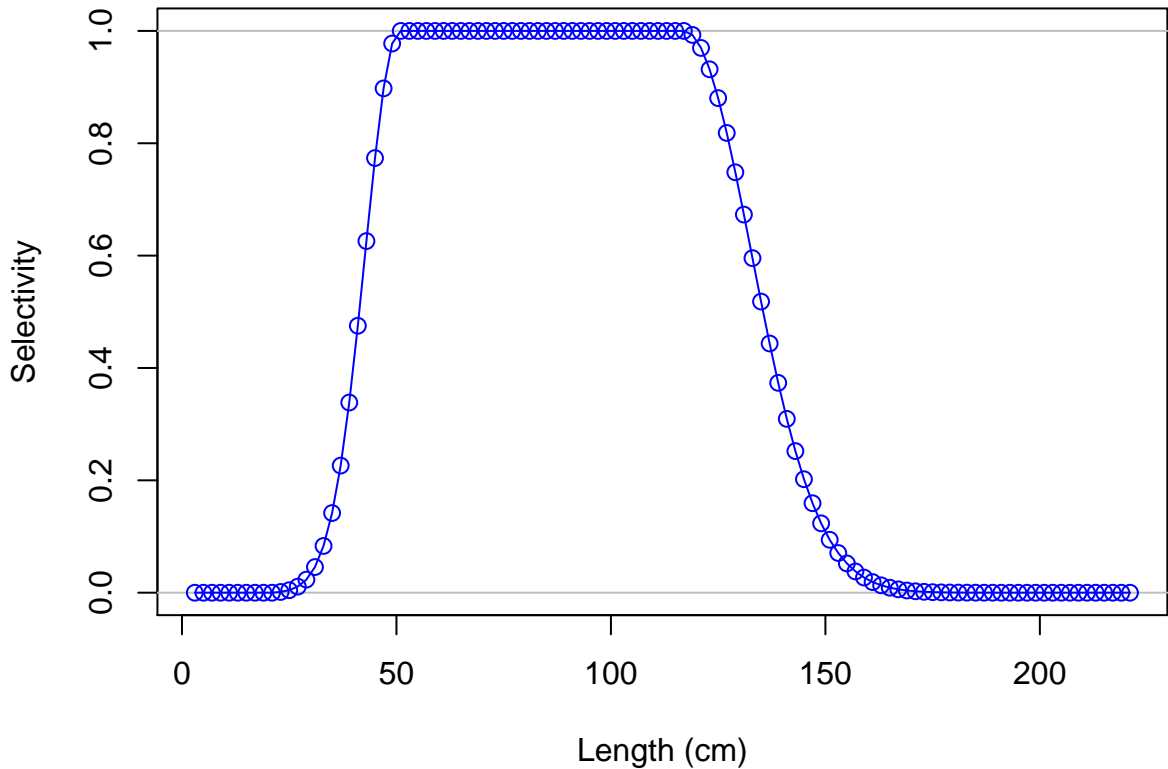
## Male ending year selectivity for A2-OBJ



## Female ending year selectivity for A3-OBJ

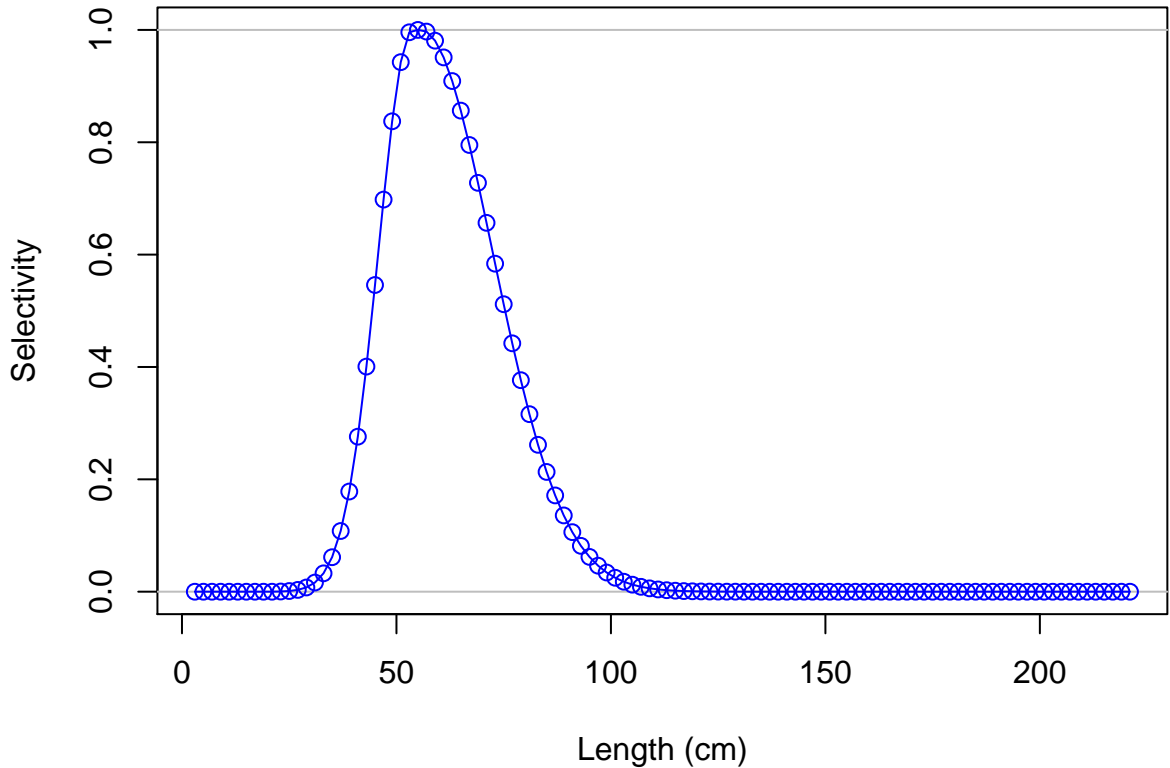


## Male ending year selectivity for A3-OBJ

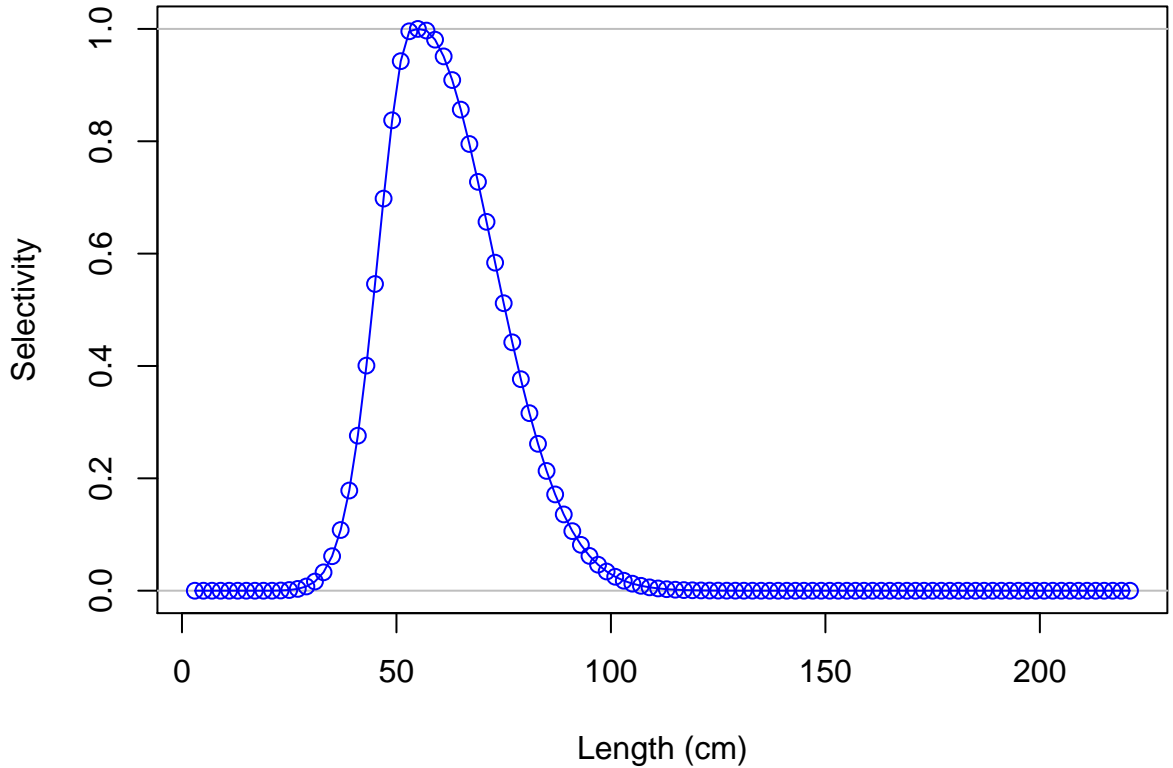




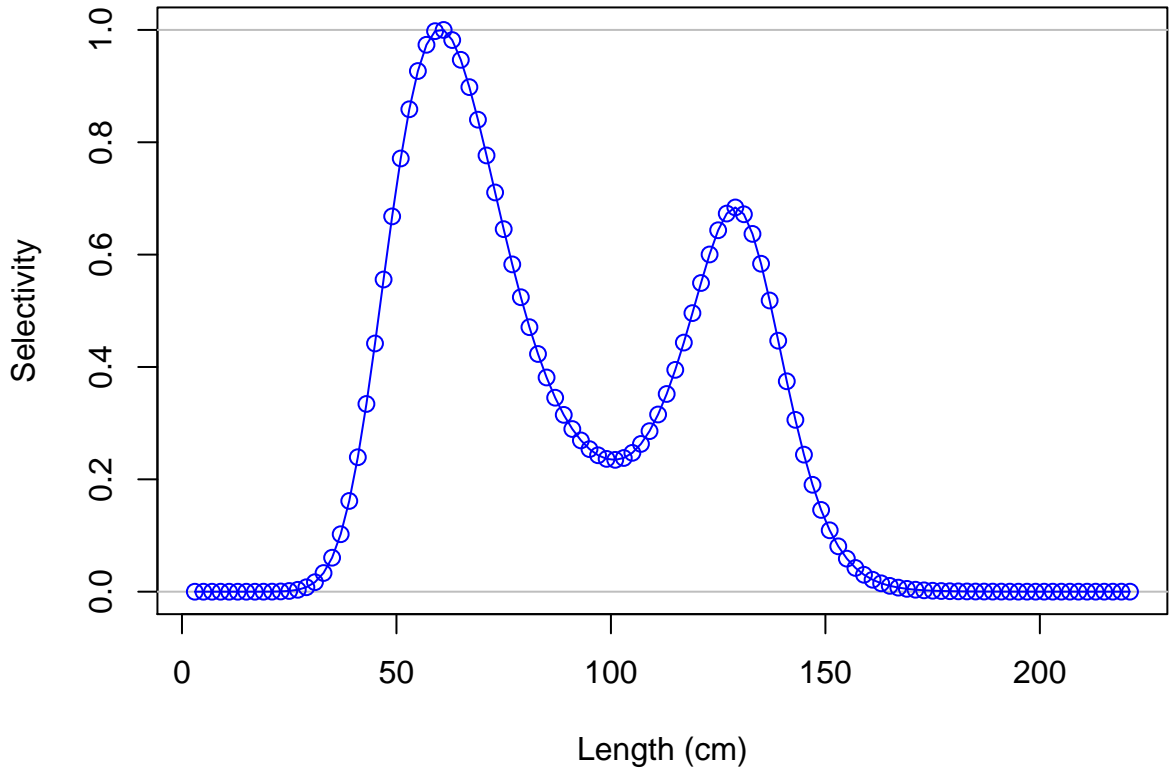
## Female ending year selectivity for A4-Obj



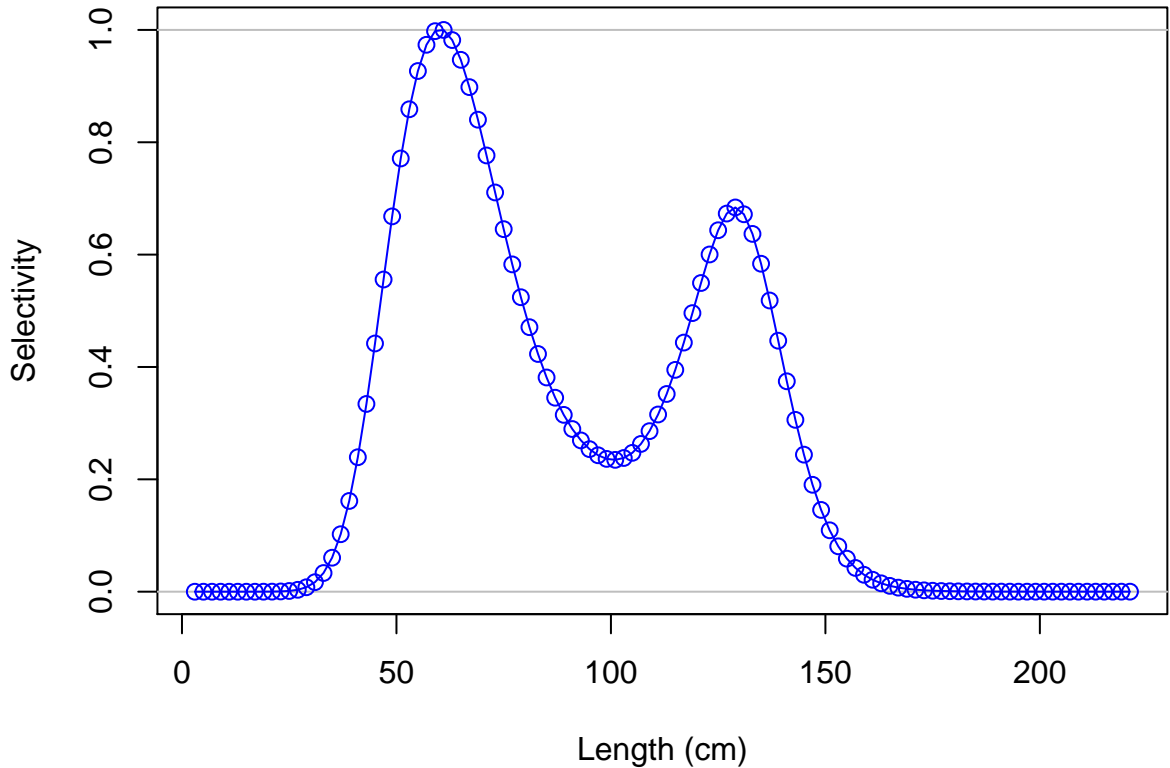
# Male ending year selectivity for A4-OBJ



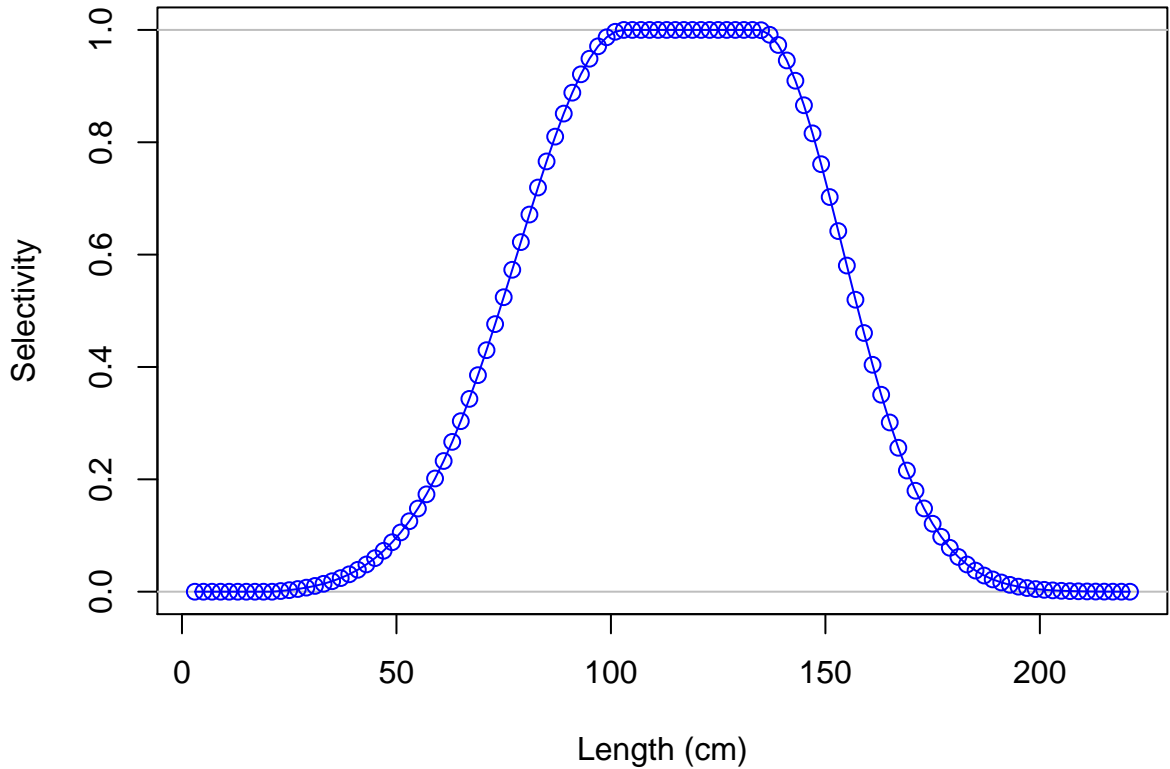
## Female ending year selectivity for A5-OBJ



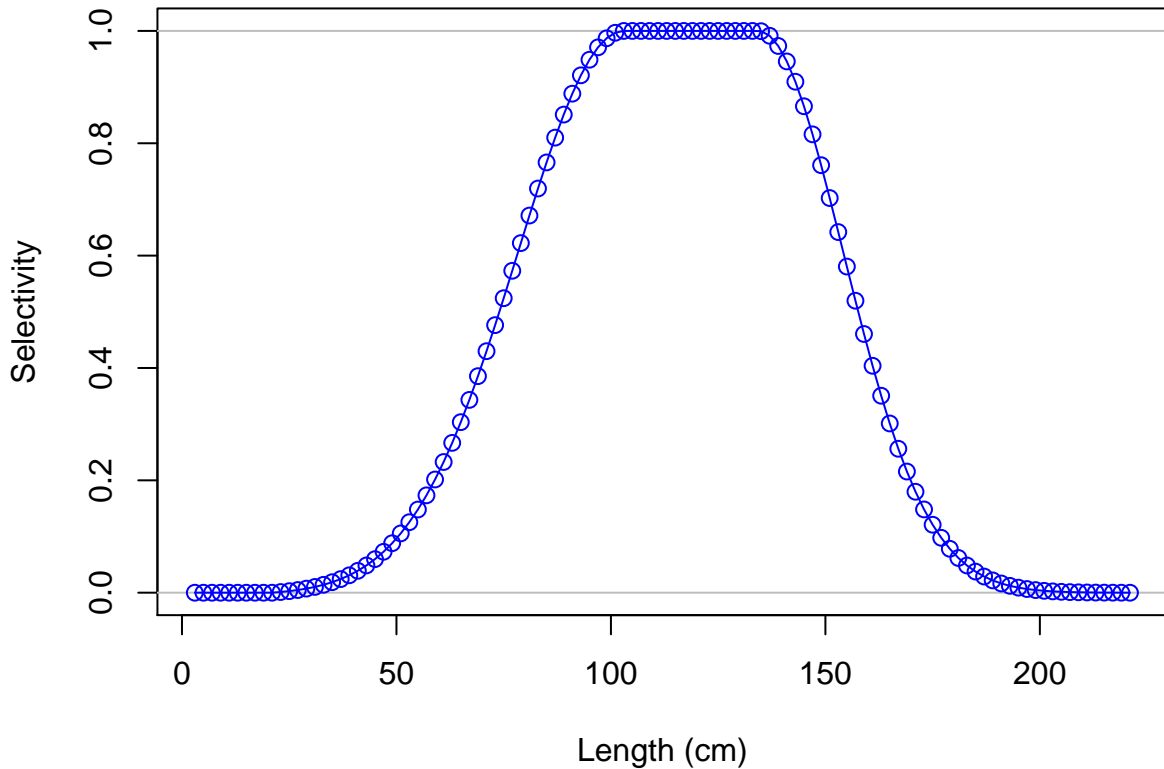
## Male ending year selectivity for A5-OBJ



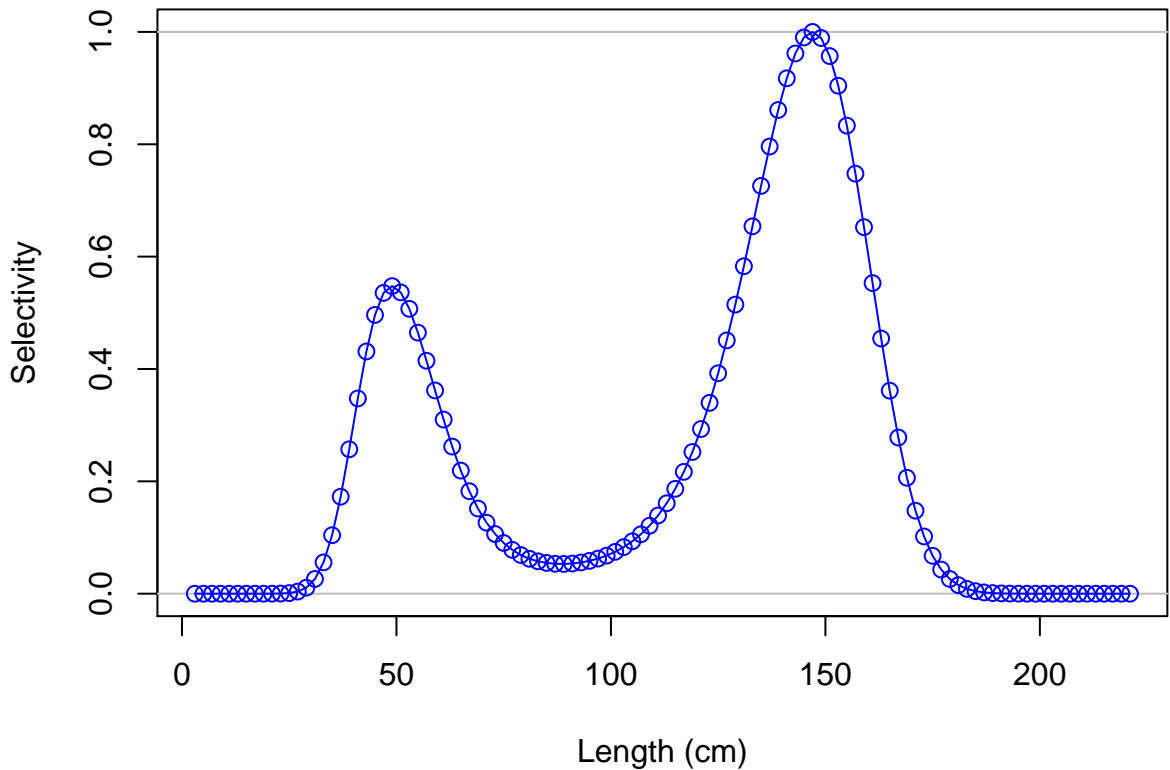
## Female ending year selectivity for A6-OBJ



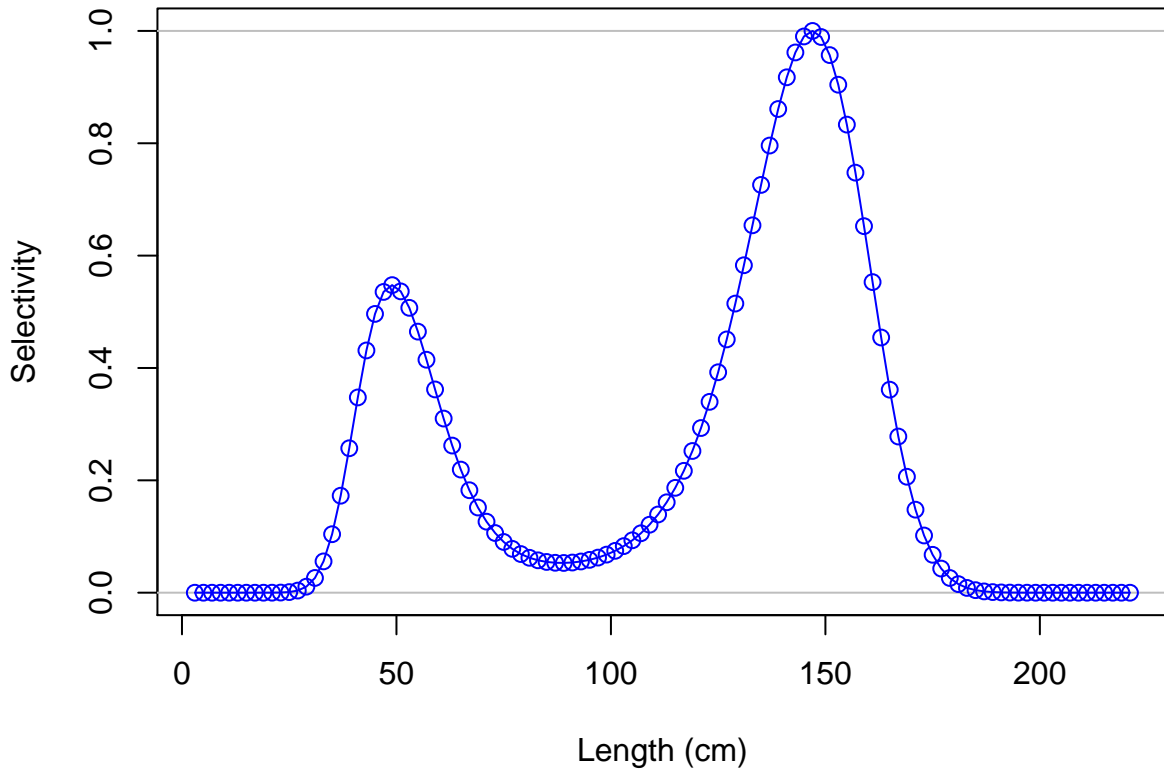
## Male ending year selectivity for A6-OBJ



## Female ending year selectivity for A2-NOADEL

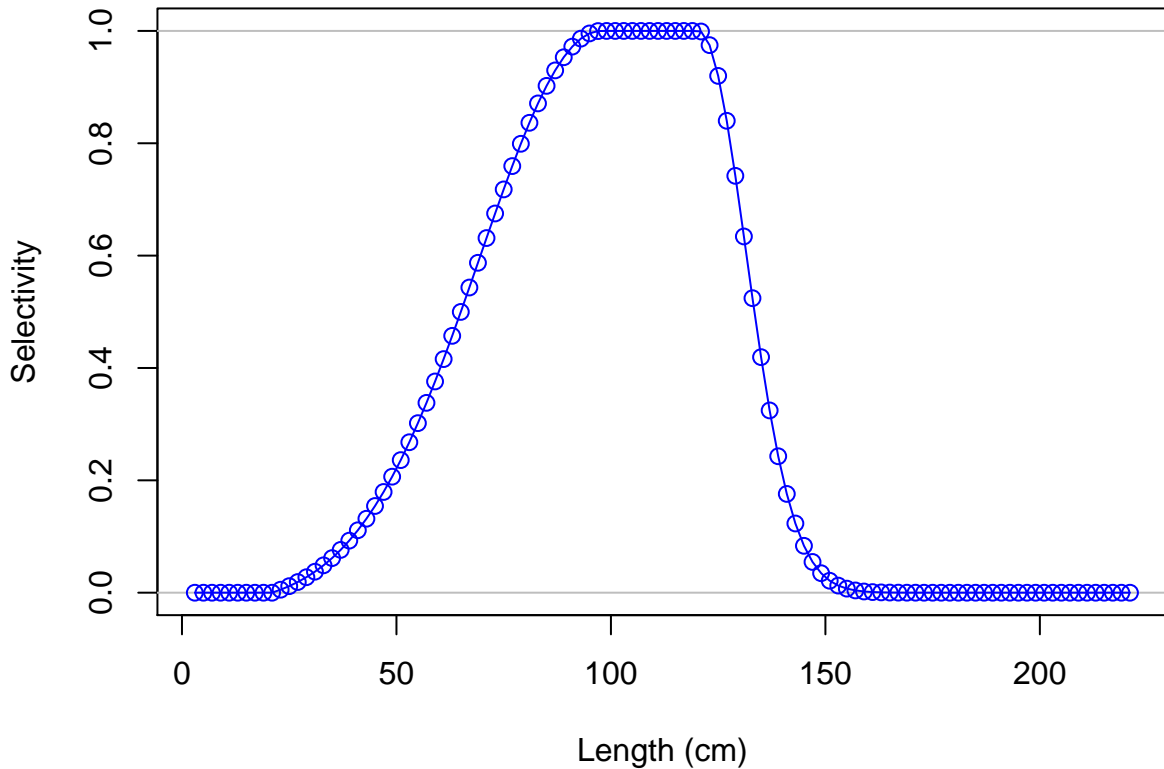


## Male ending year selectivity for A2-NOADEL

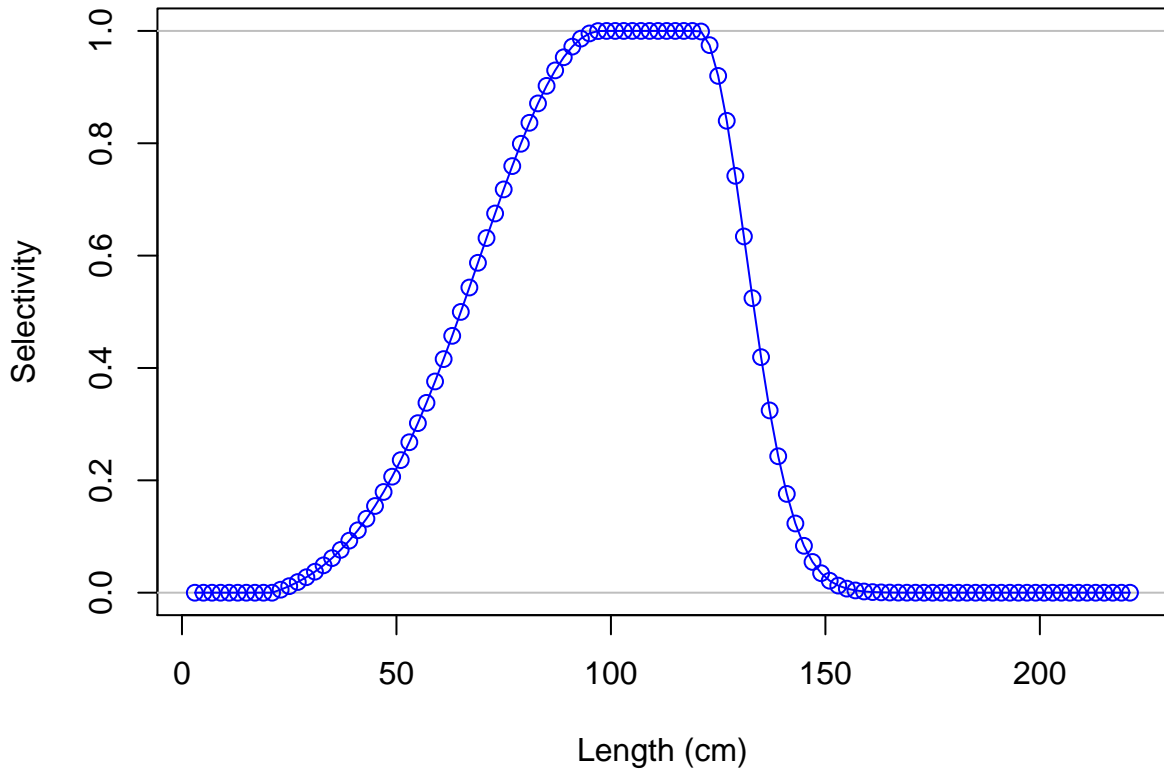




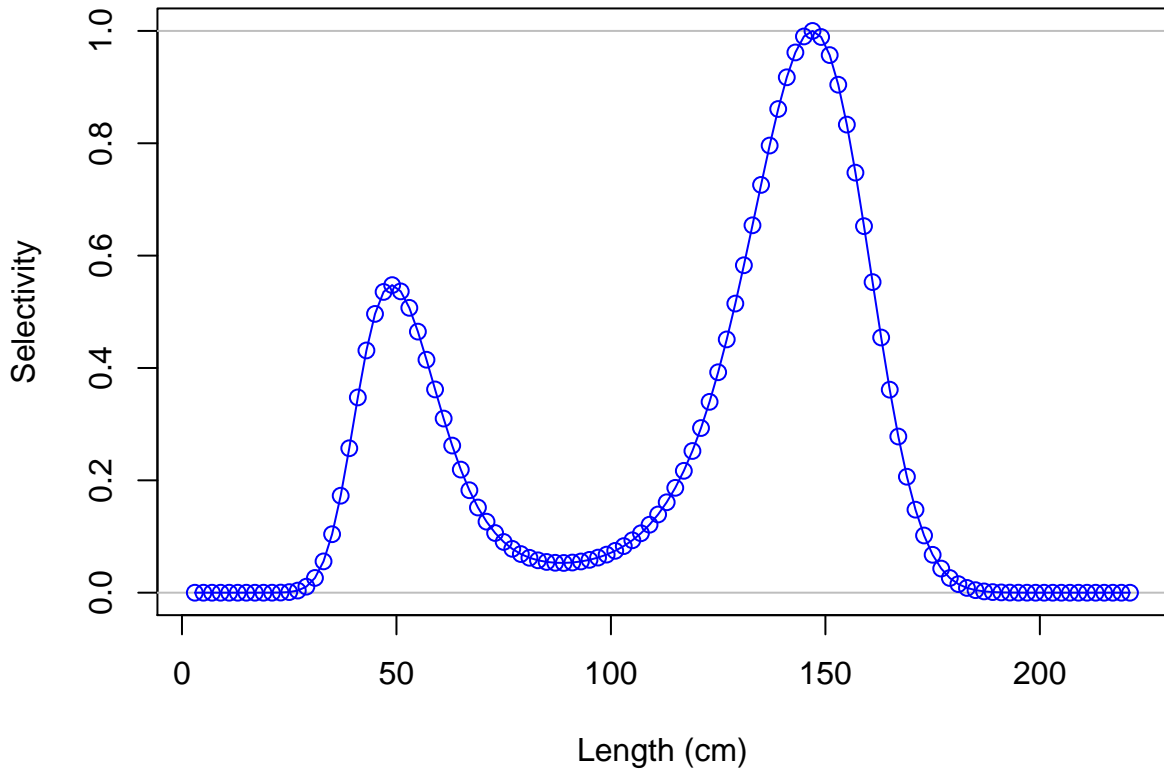
## Female ending year selectivity for A3-NOADEL



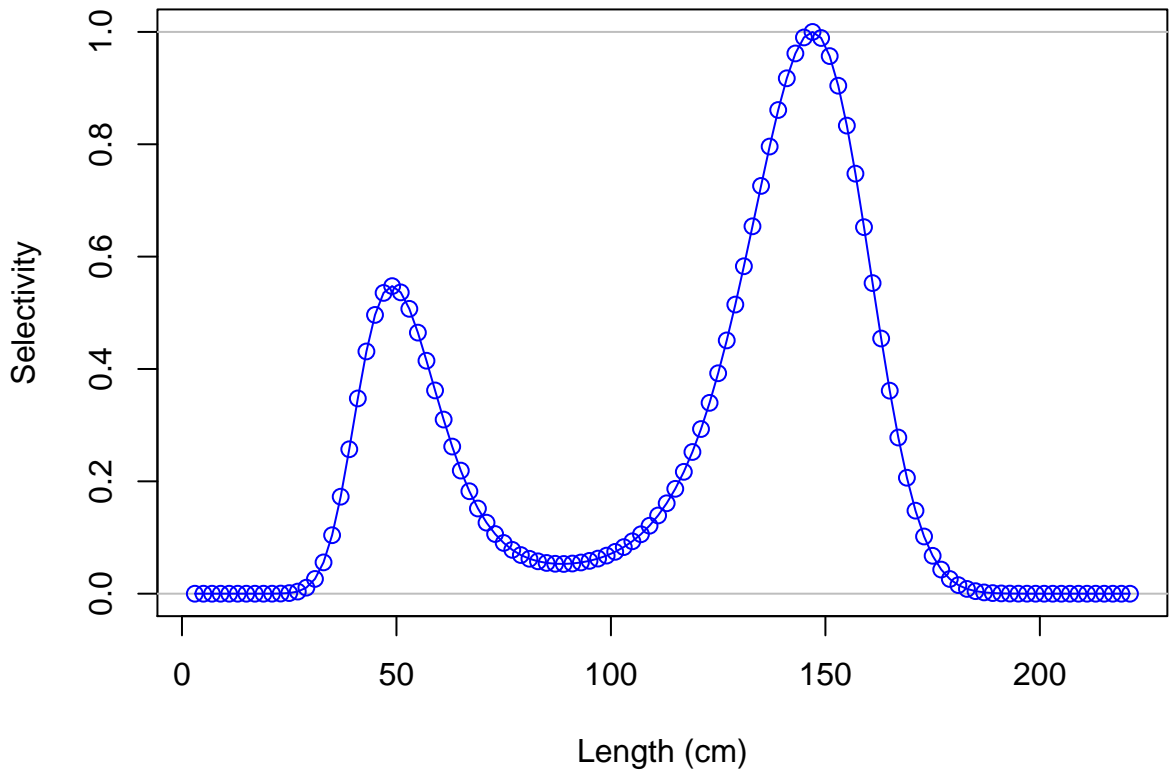
# Male ending year selectivity for A3-NOADEL



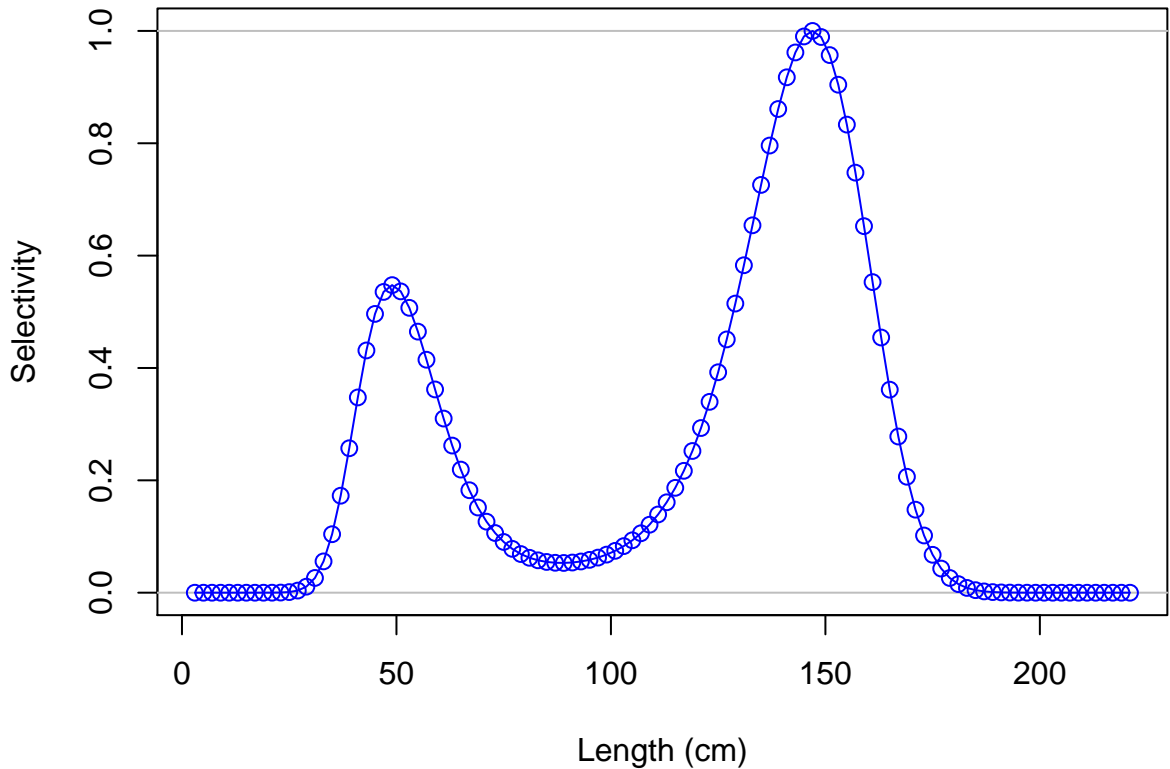
## Female ending year selectivity for A4-NOADEL



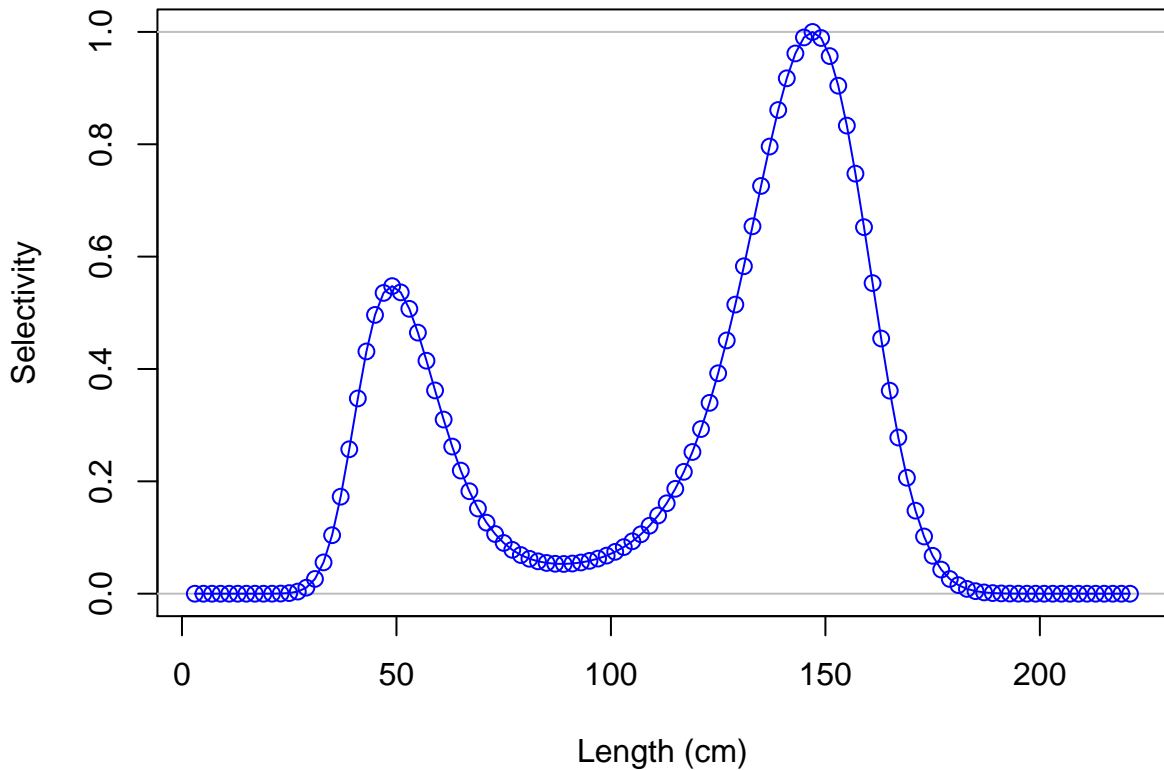
## Male ending year selectivity for A4-NOADEL



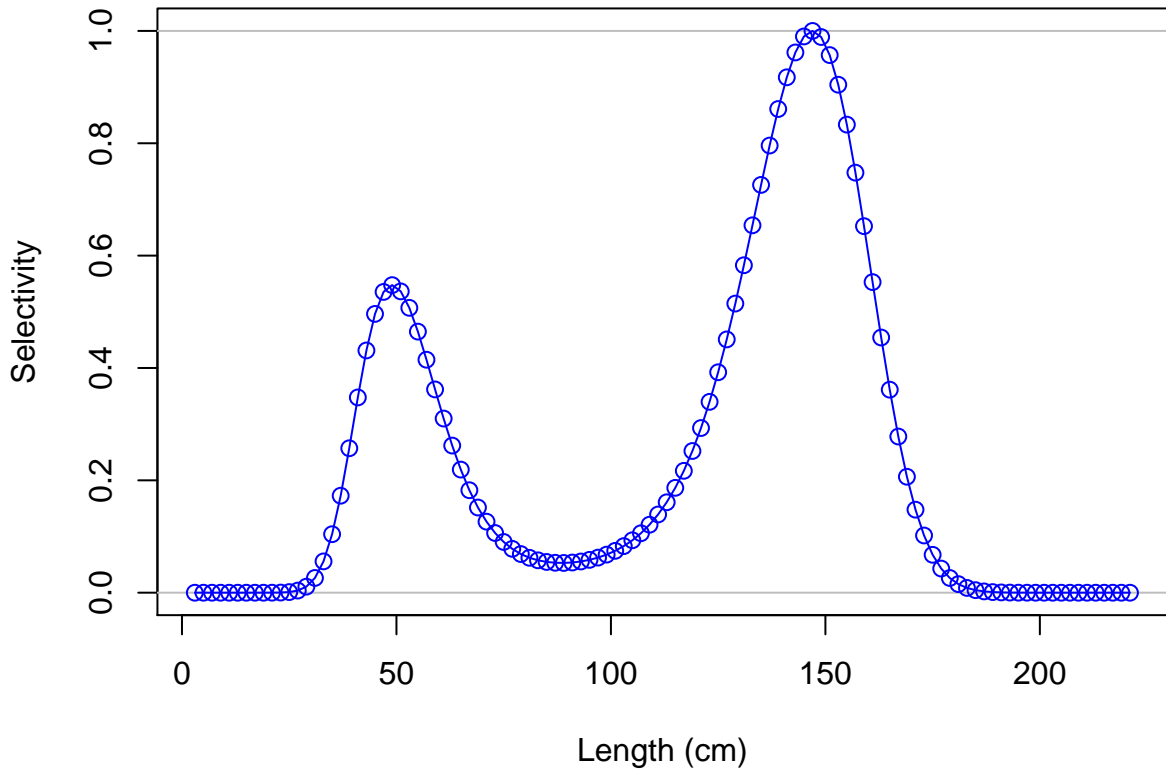
## Female ending year selectivity for A5-NOADEL



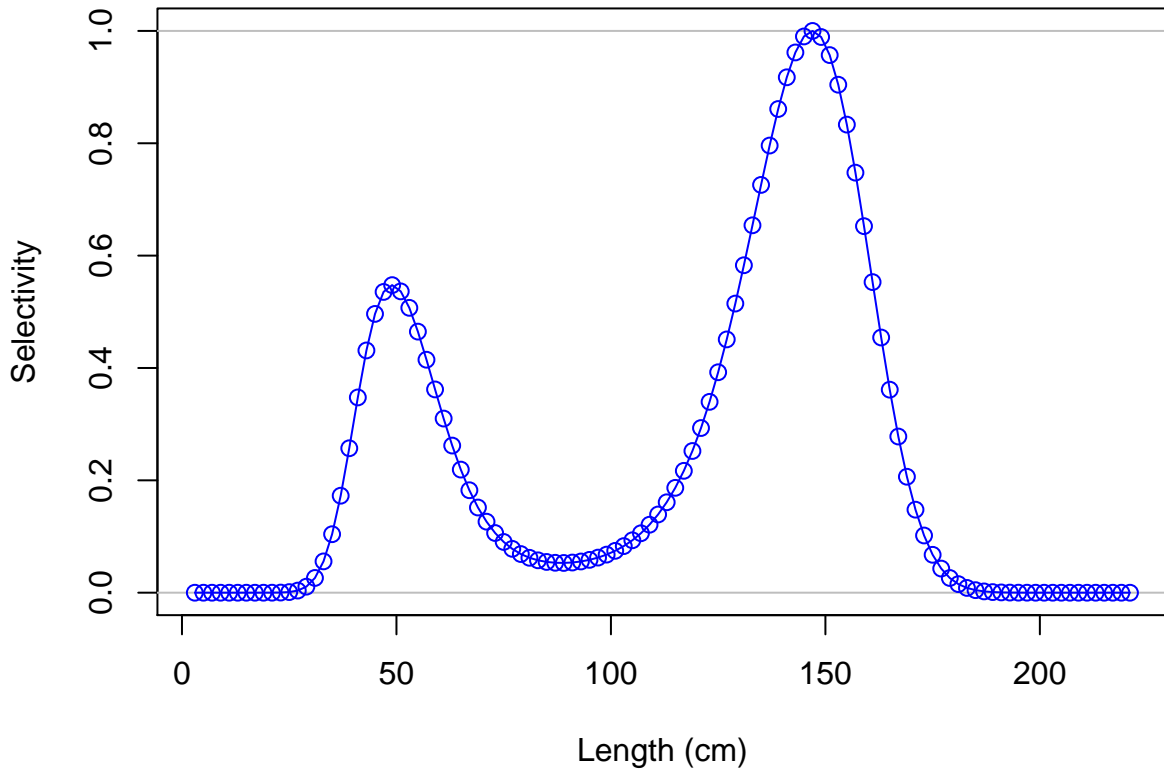
## Male ending year selectivity for A5-NOADEL



## Female ending year selectivity for A6-NOADEL

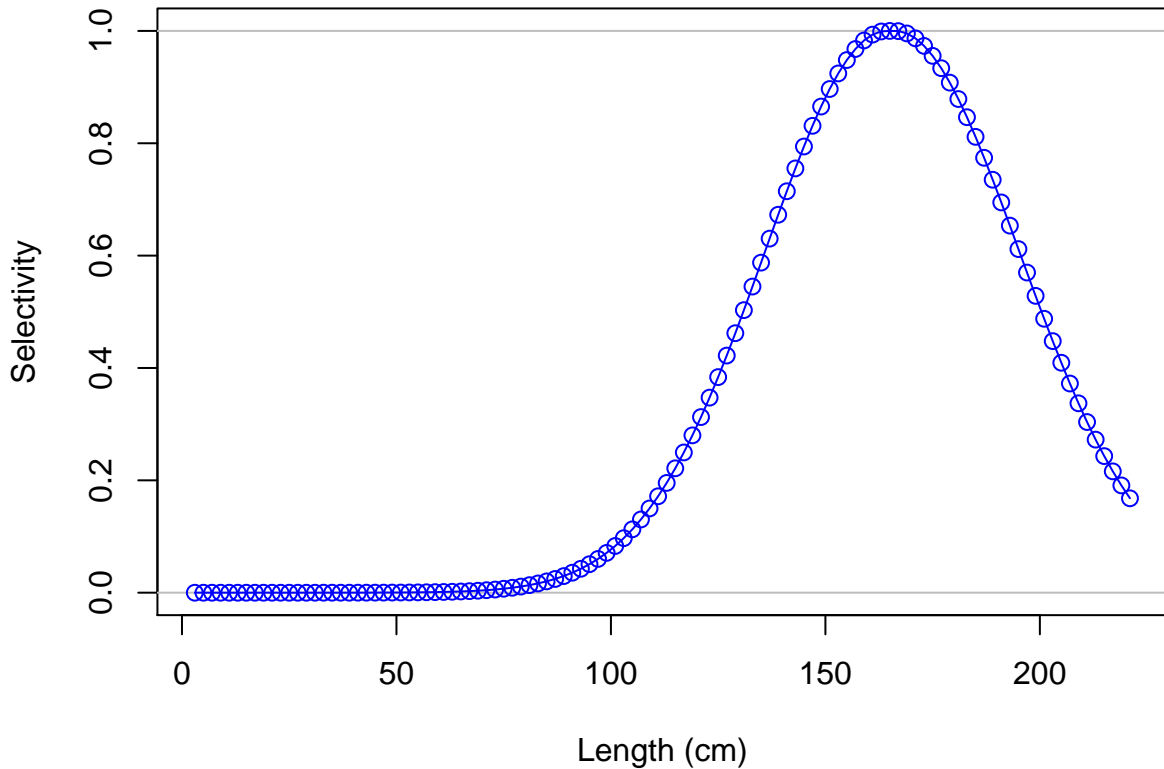


## Male ending year selectivity for A6-NOADEL

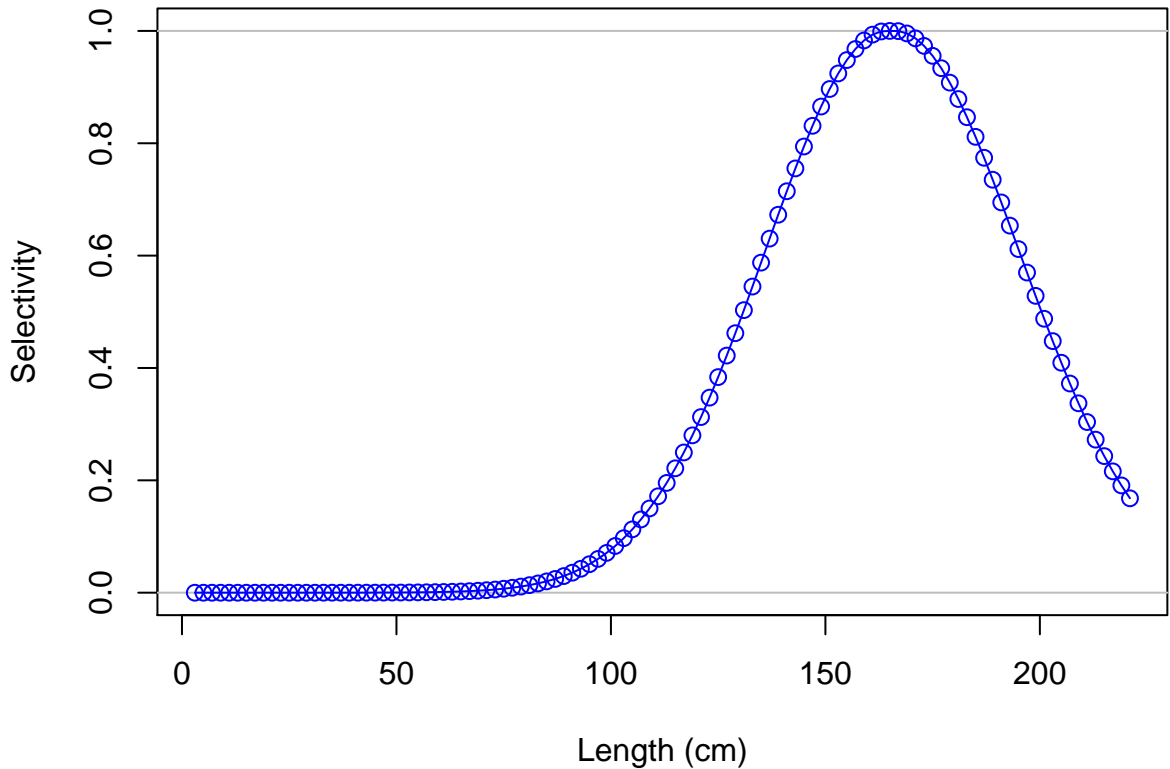




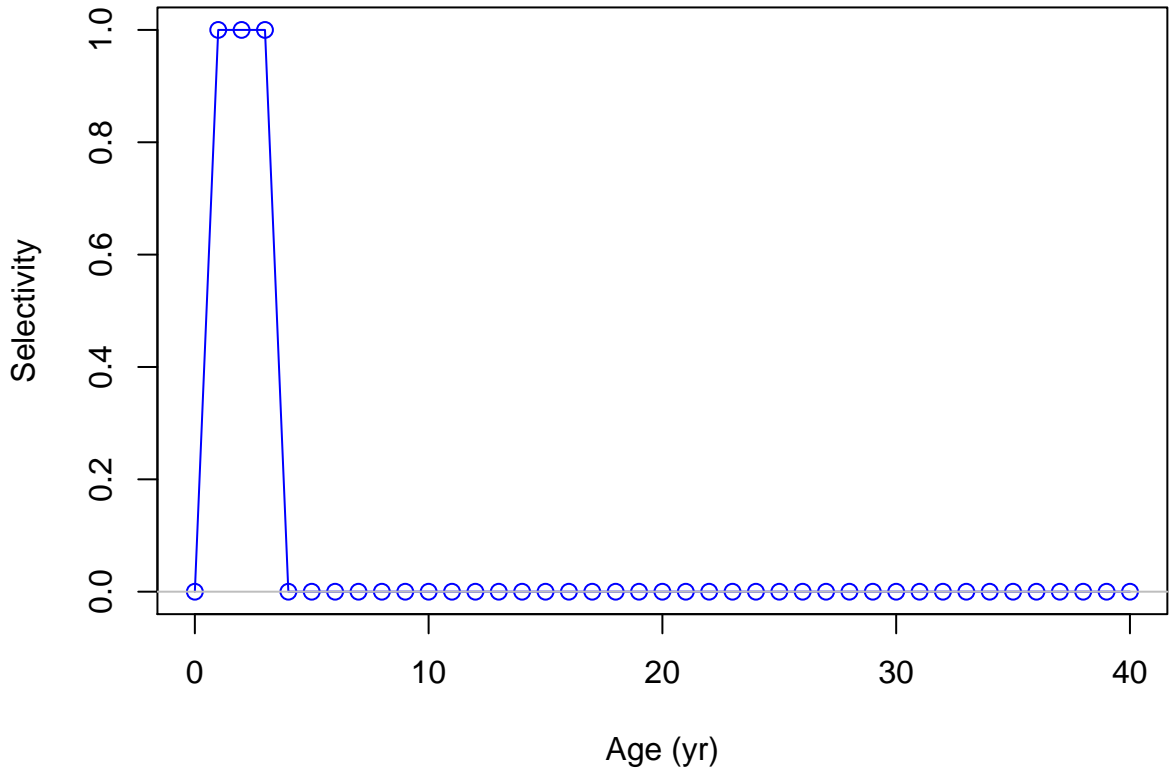
# Female ending year selectivity for EPO-LL-survey-late



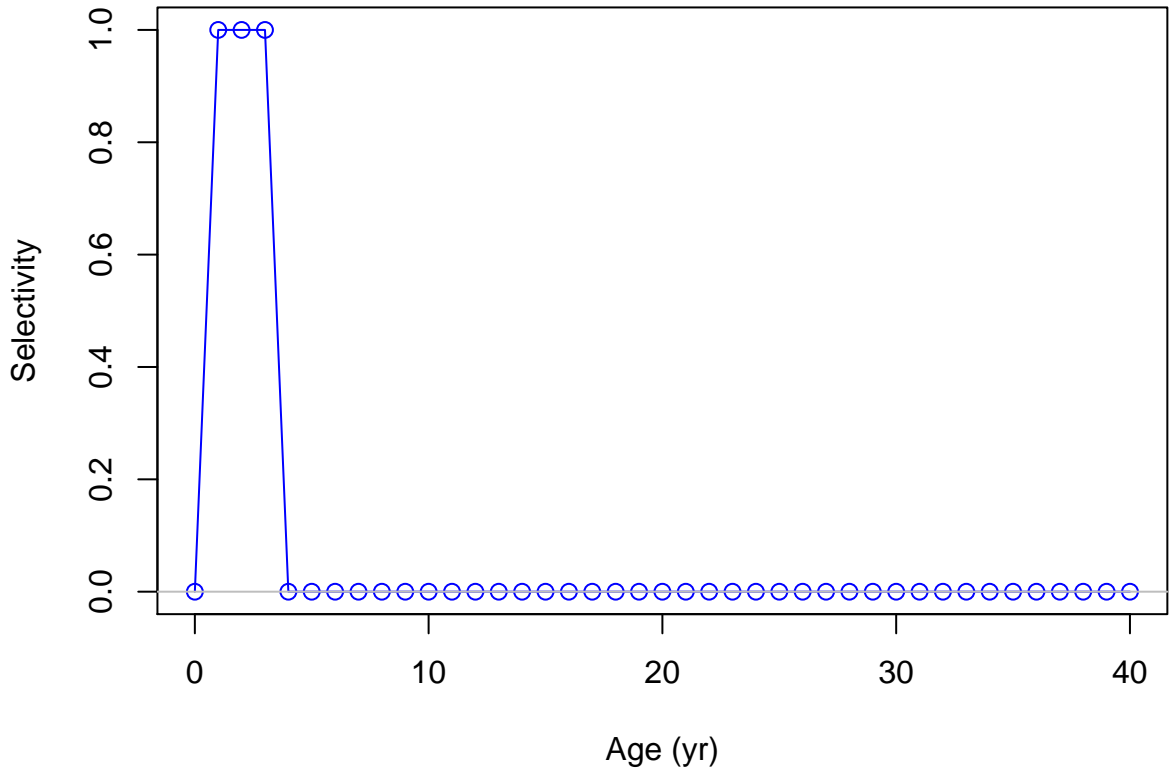
# Male ending year selectivity for EPO-LL-survey-late



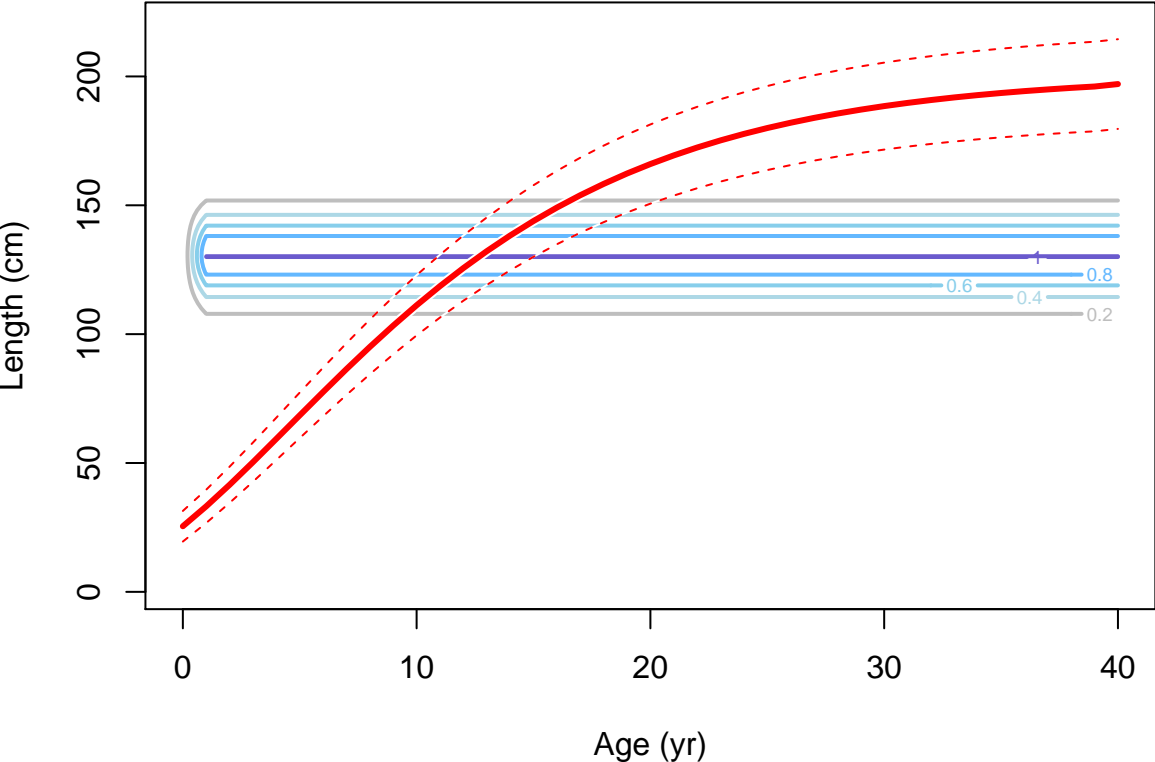
## Female ending year selectivity for EPO-Obj-Disc



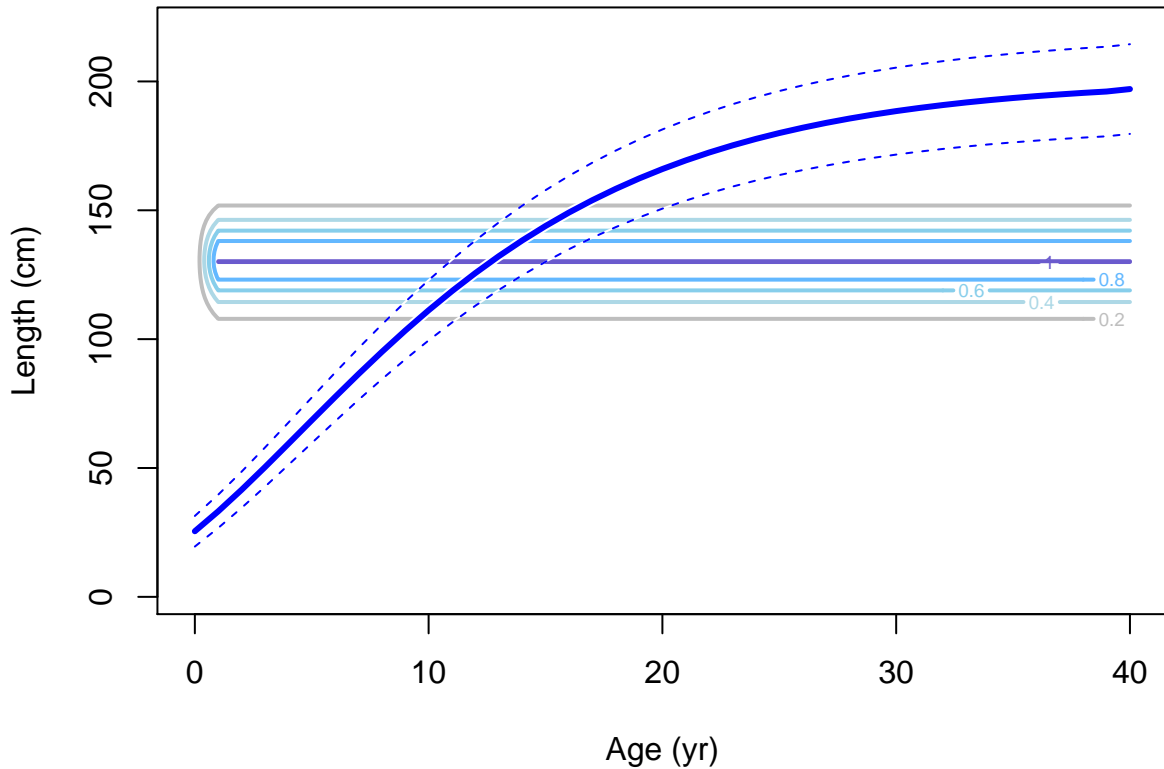
# Male ending year selectivity for EPO-OBJ-Disc



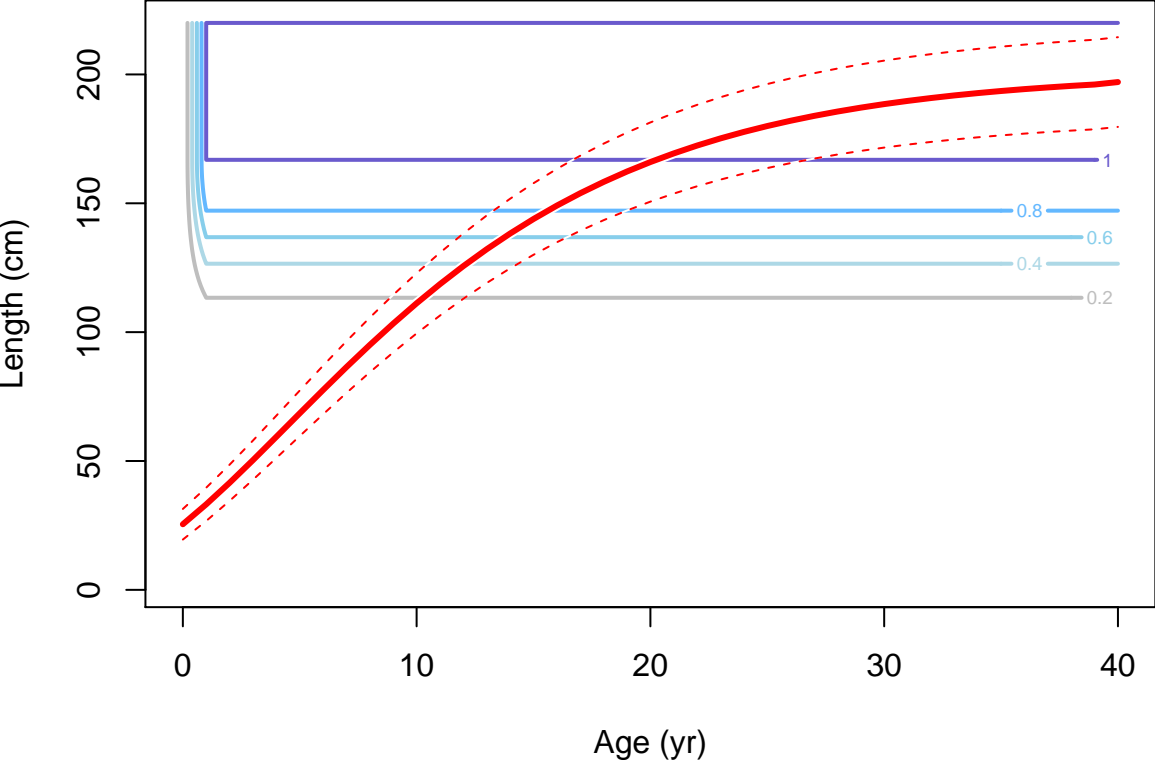
# Female ending year selectivity and growth for A1-LL-n



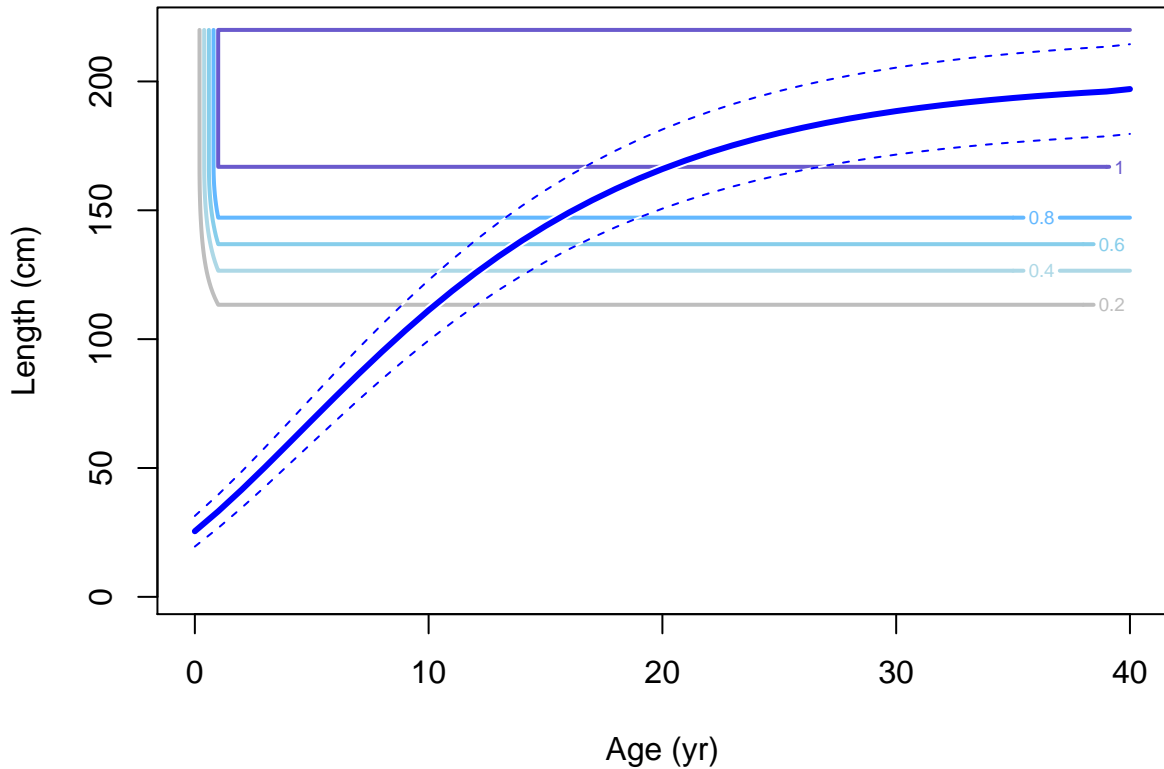
# Male ending year selectivity and growth for A1-LL-n



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

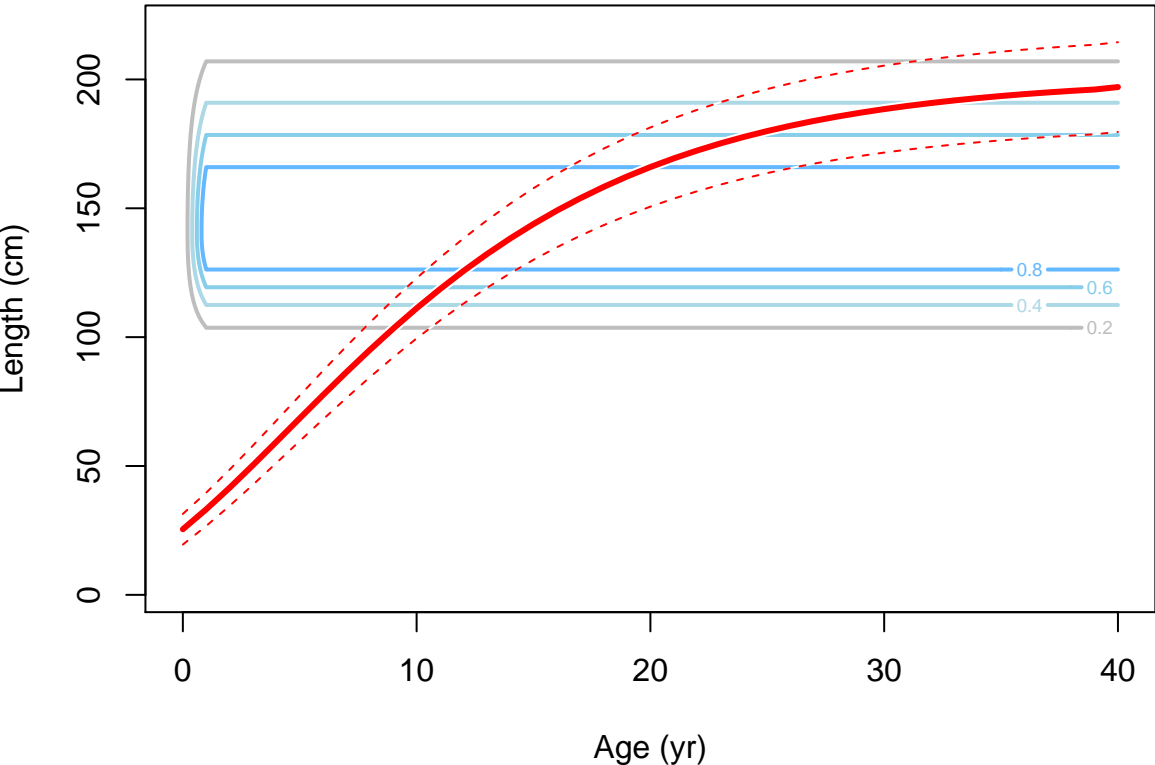


# Male ending year selectivity and growth for A2-LL-n

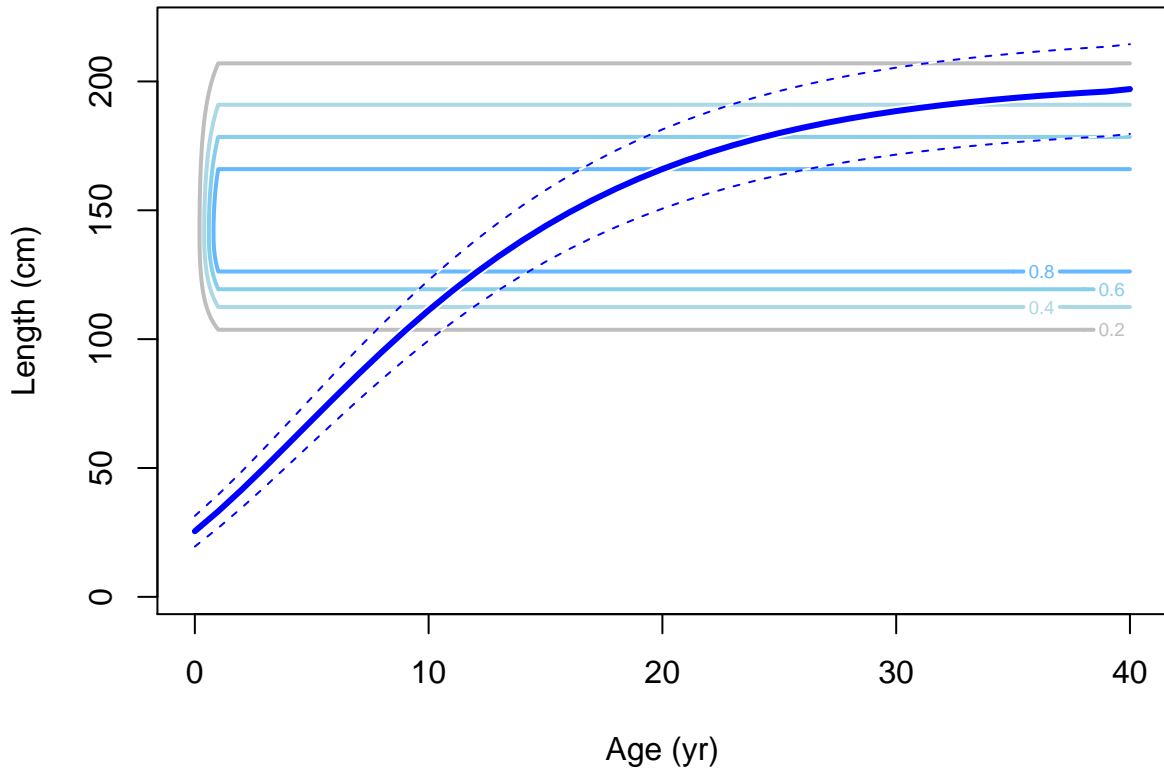




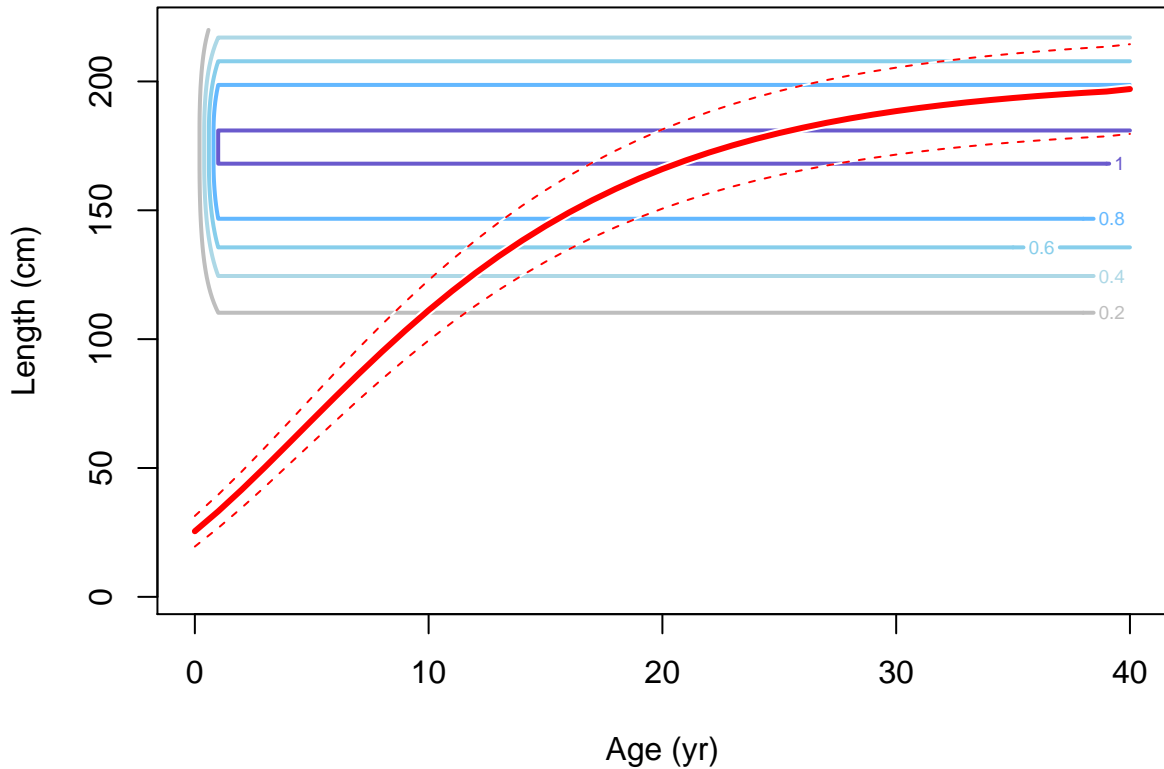
# Female ending year selectivity and growth for A3-LL-n



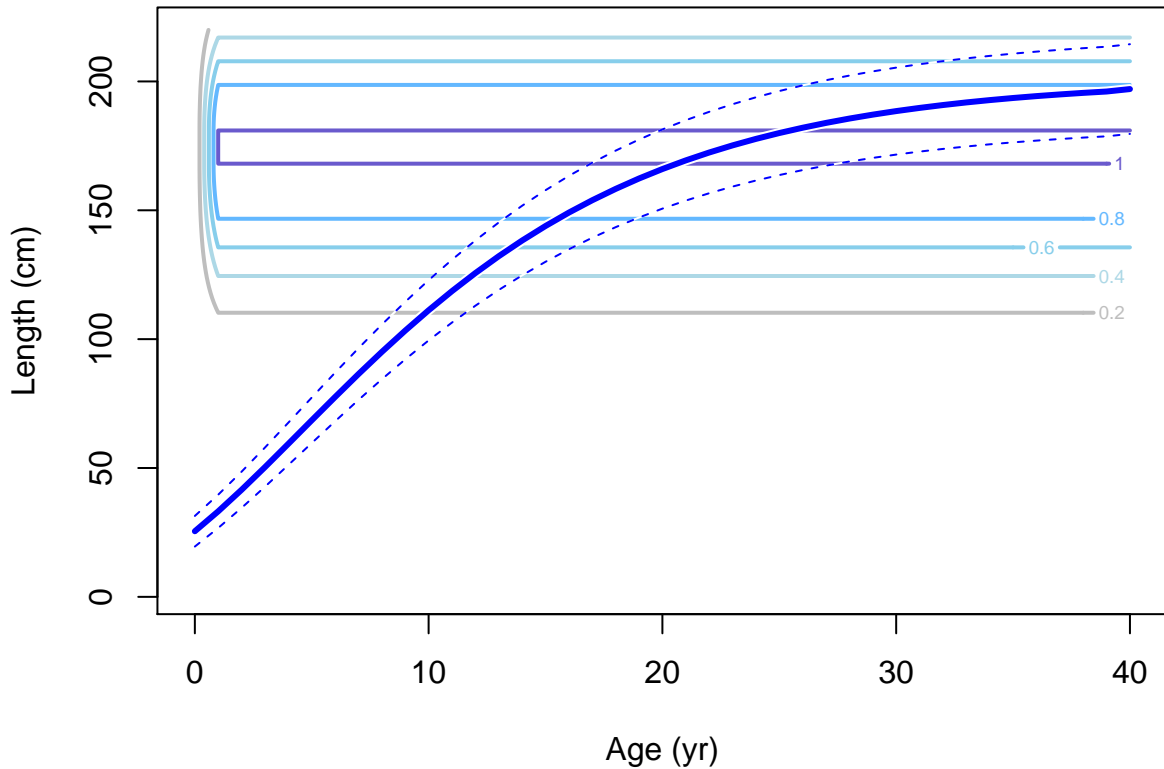
# Male ending year selectivity and growth for A3-LL-n



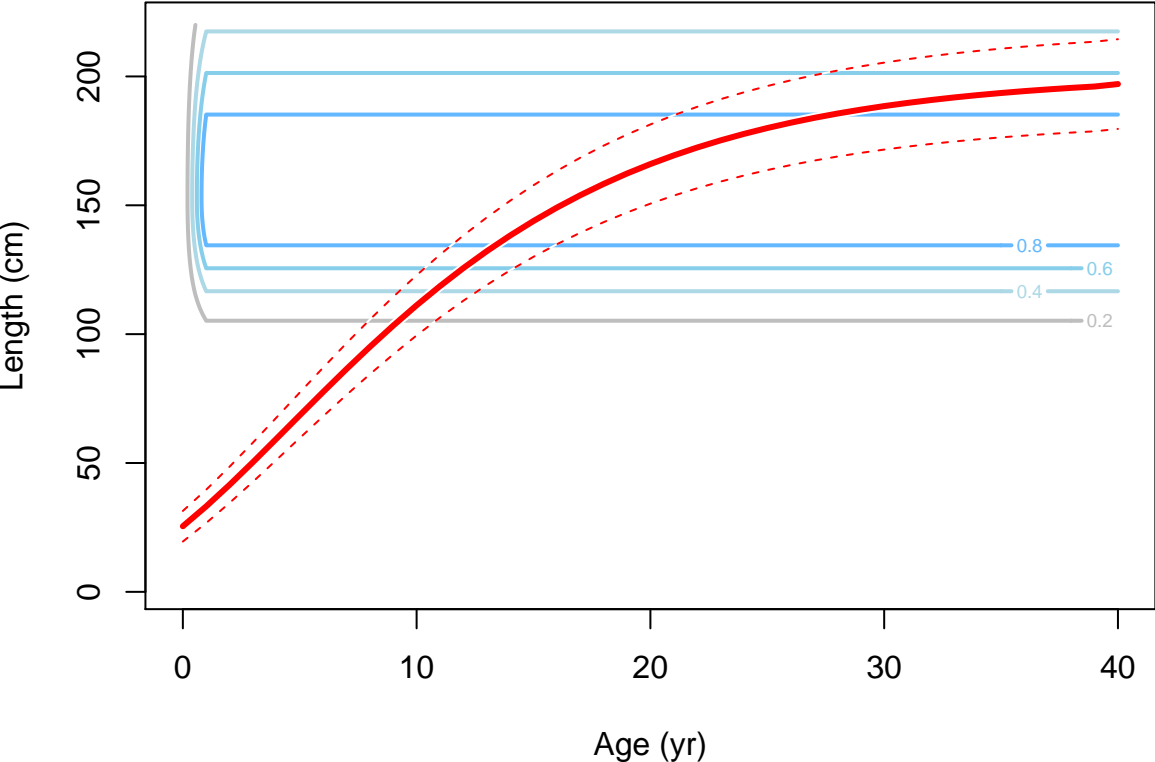
## Female ending year selectivity and growth for A4-LL-n



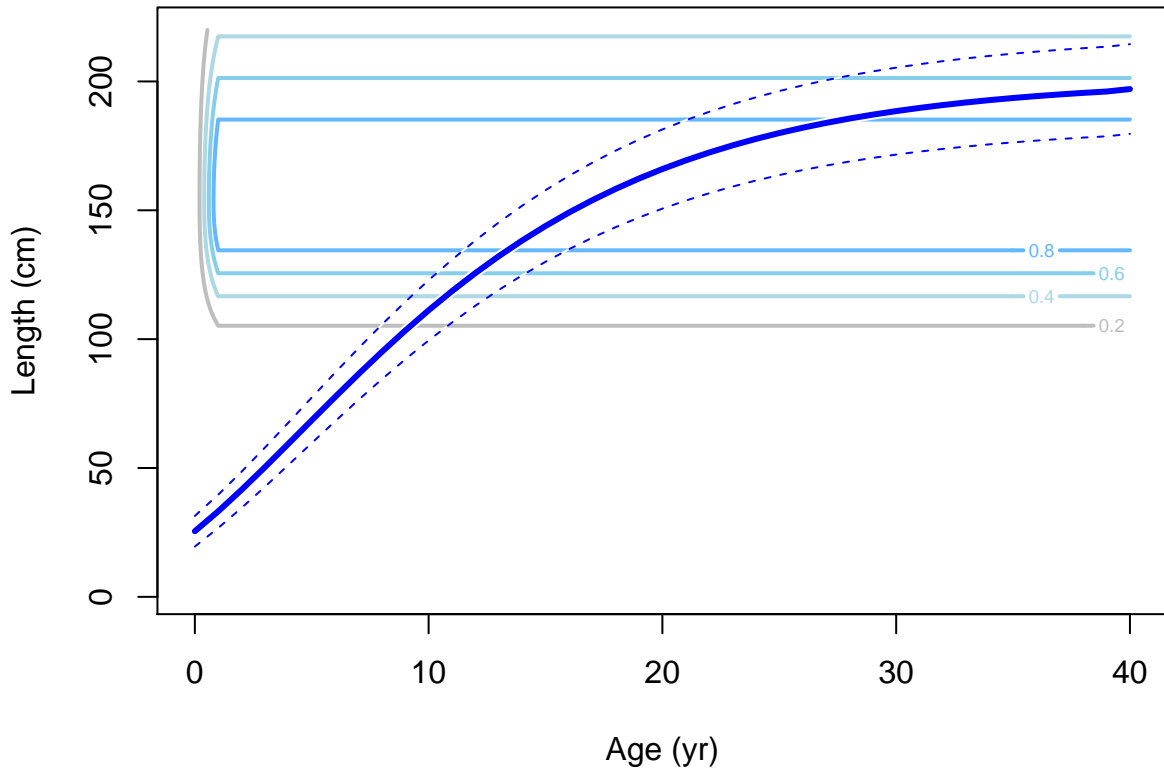
# Male ending year selectivity and growth for A4-LL-n



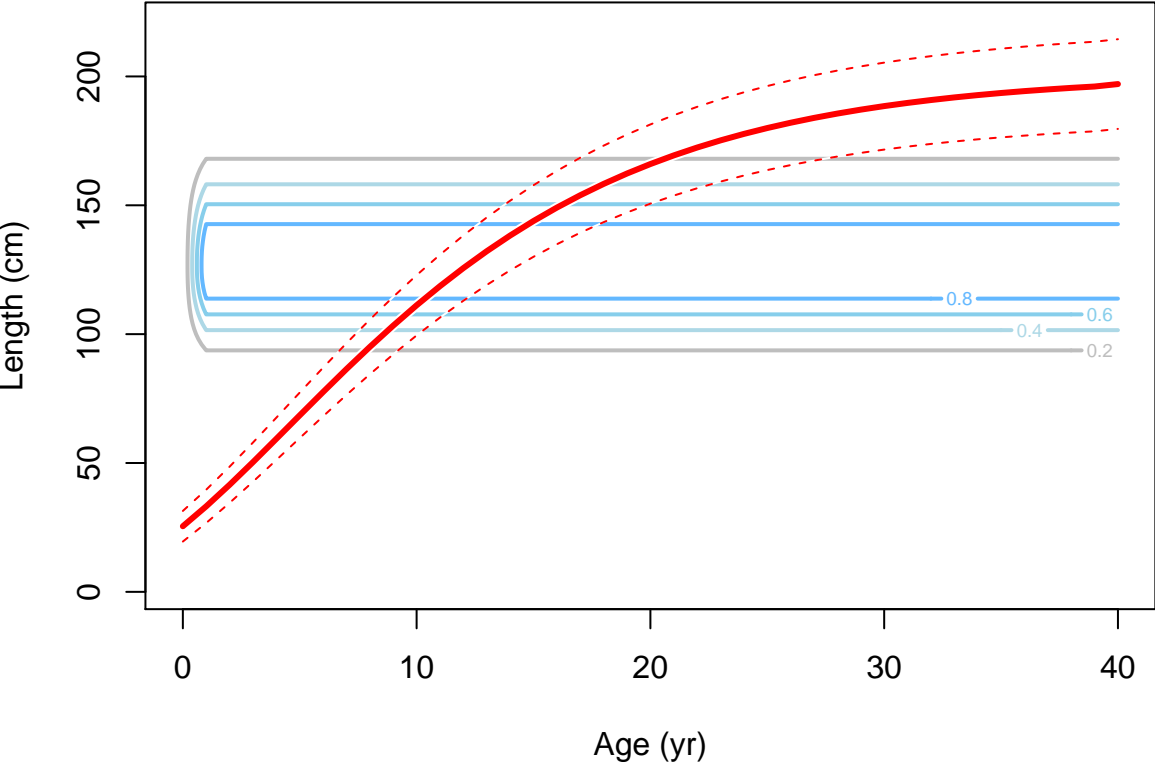
# Female ending year selectivity and growth for A5-LL-n



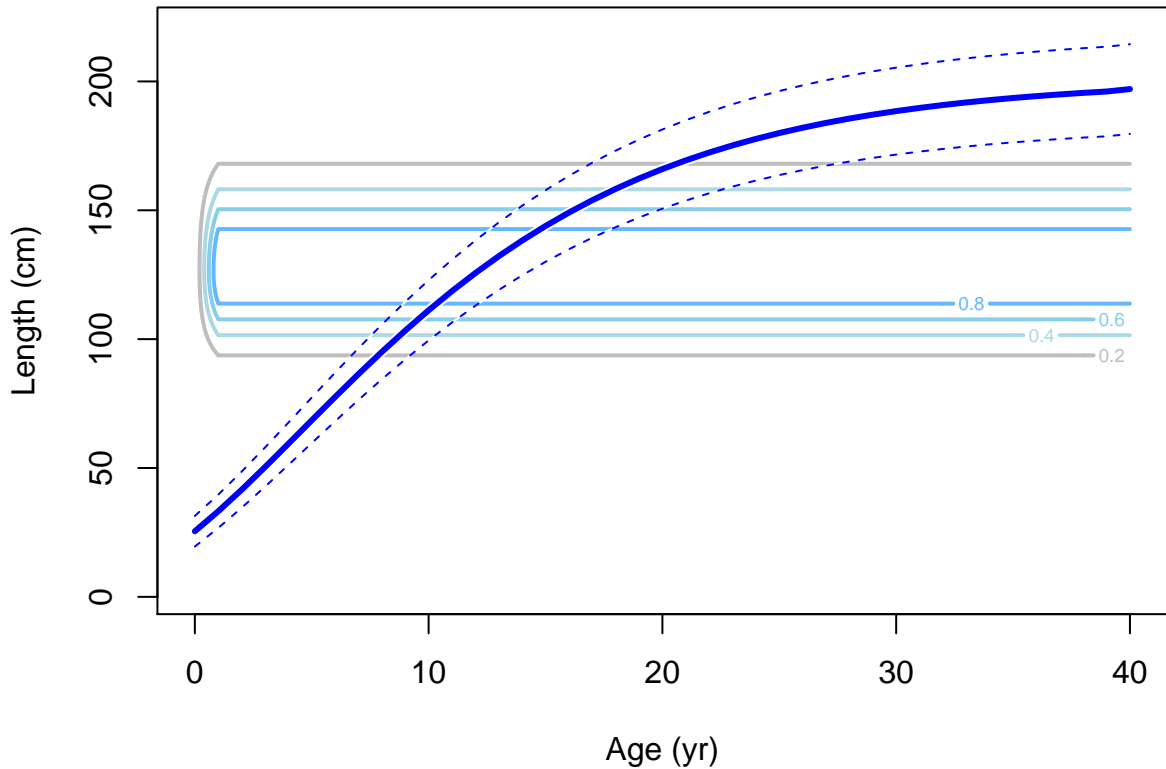
# Male ending year selectivity and growth for A5-LL-n



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

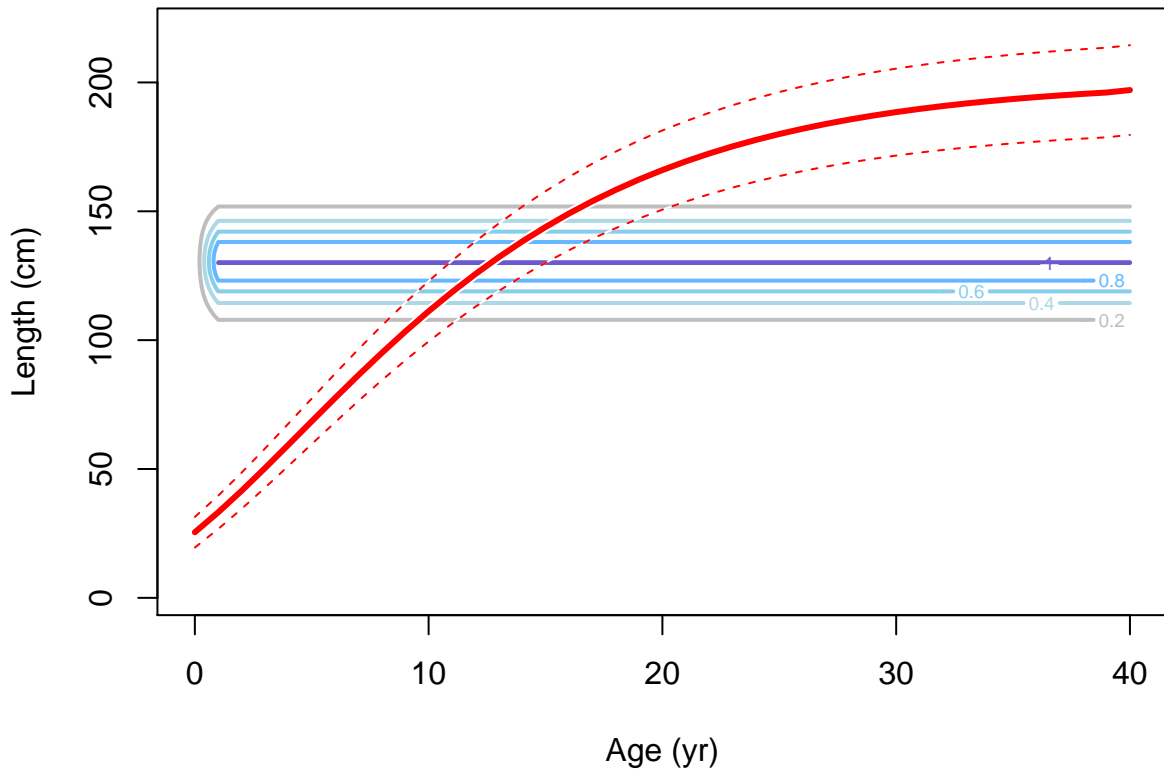


# Male ending year selectivity and growth for A6-LL-n

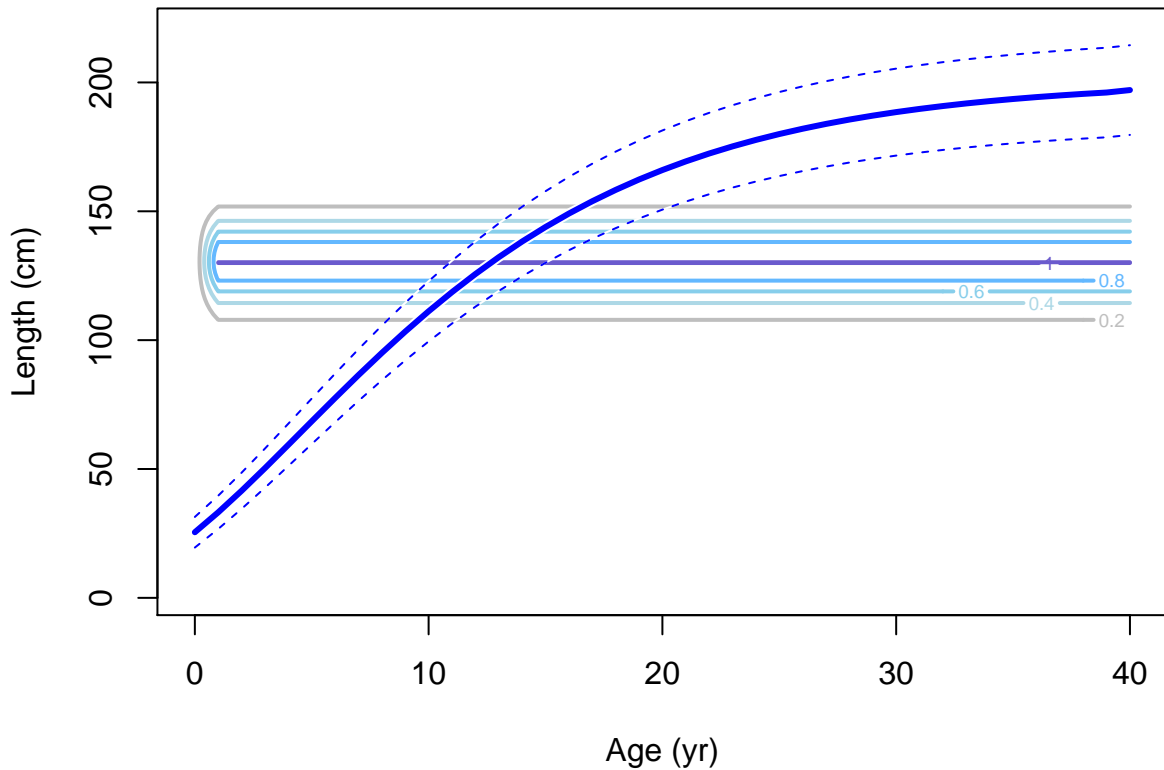




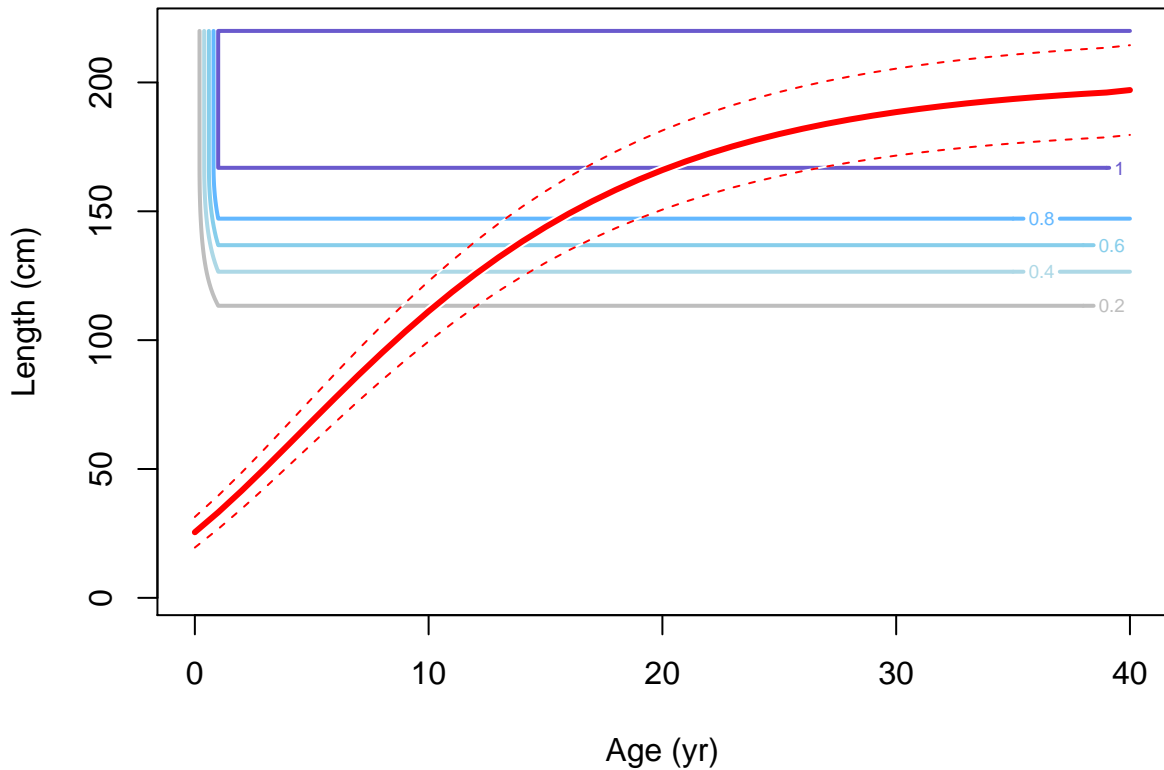
## Female ending year selectivity and growth for A1-LL-w



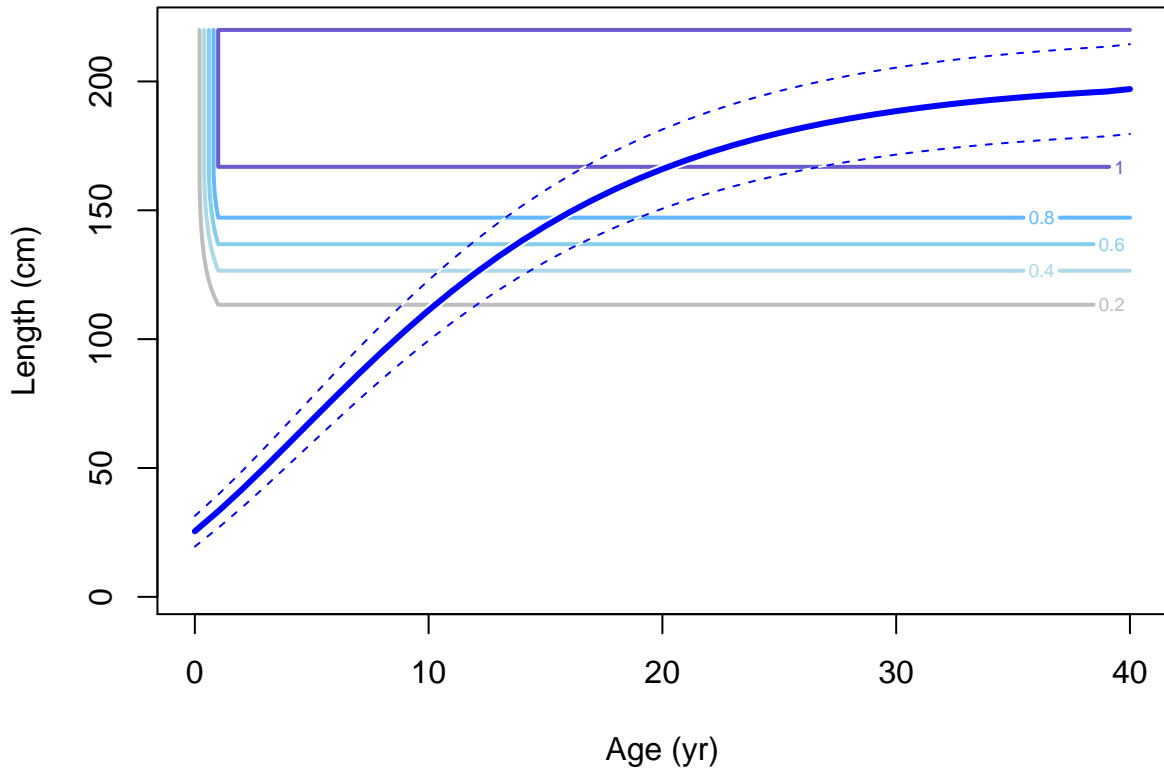
# Male ending year selectivity and growth for A1-LL-w



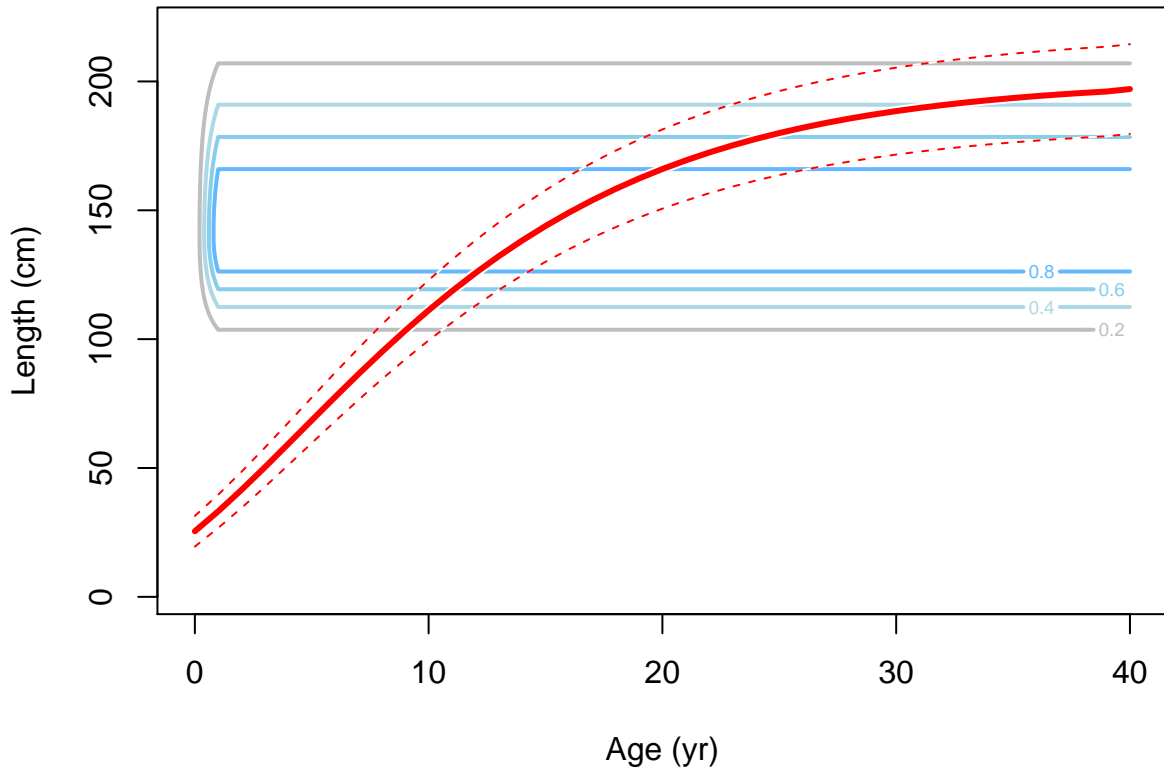
## Female ending year selectivity and growth for A2-LL-w



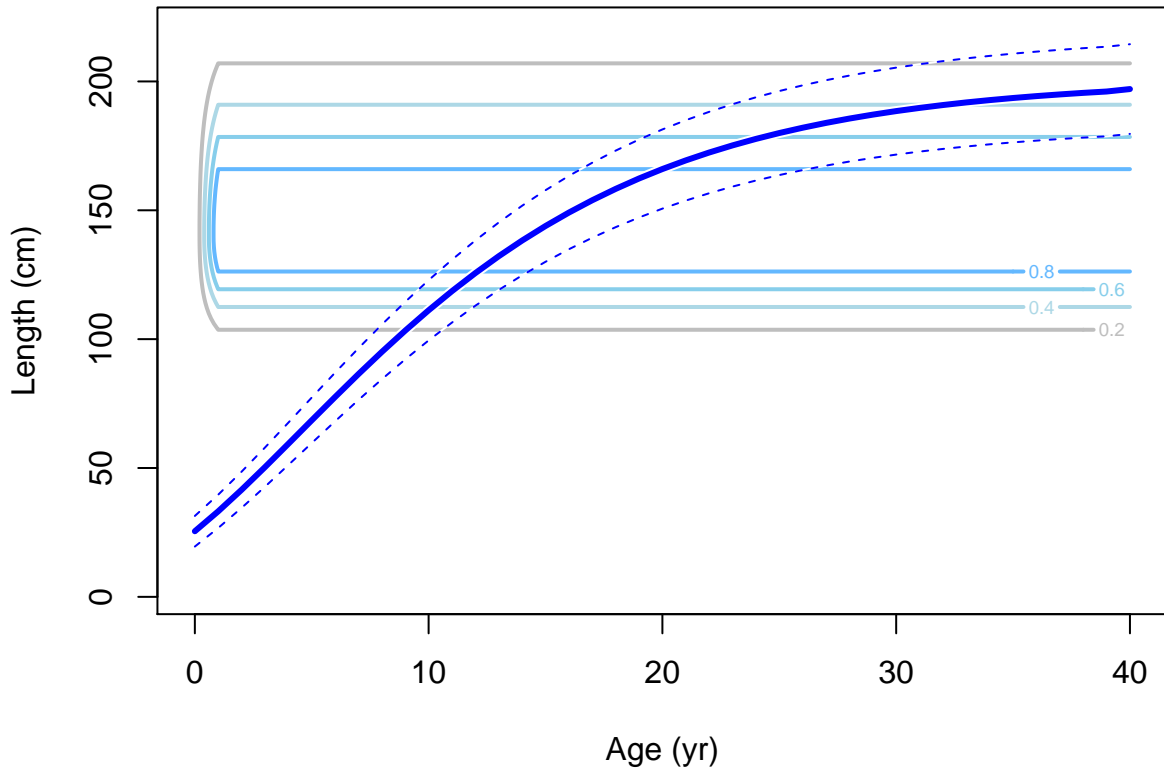
## Male ending year selectivity and growth for A2-LL-w



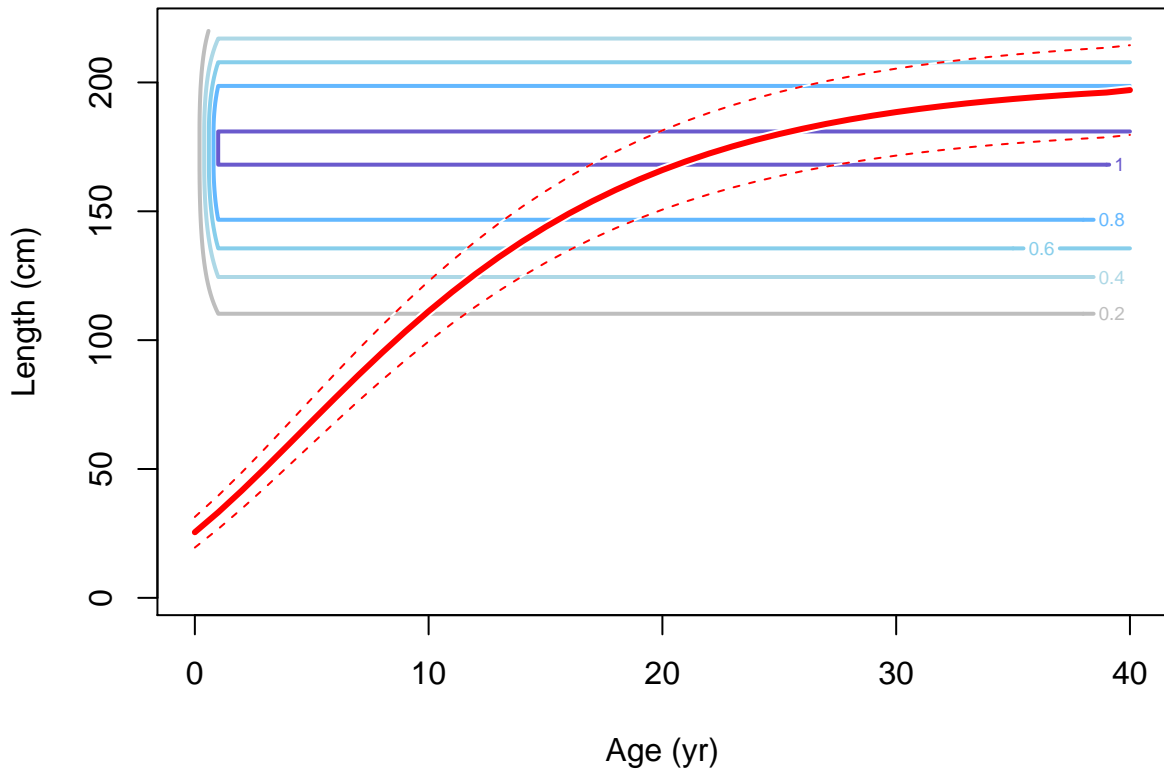
## Female ending year selectivity and growth for A3-LL-w



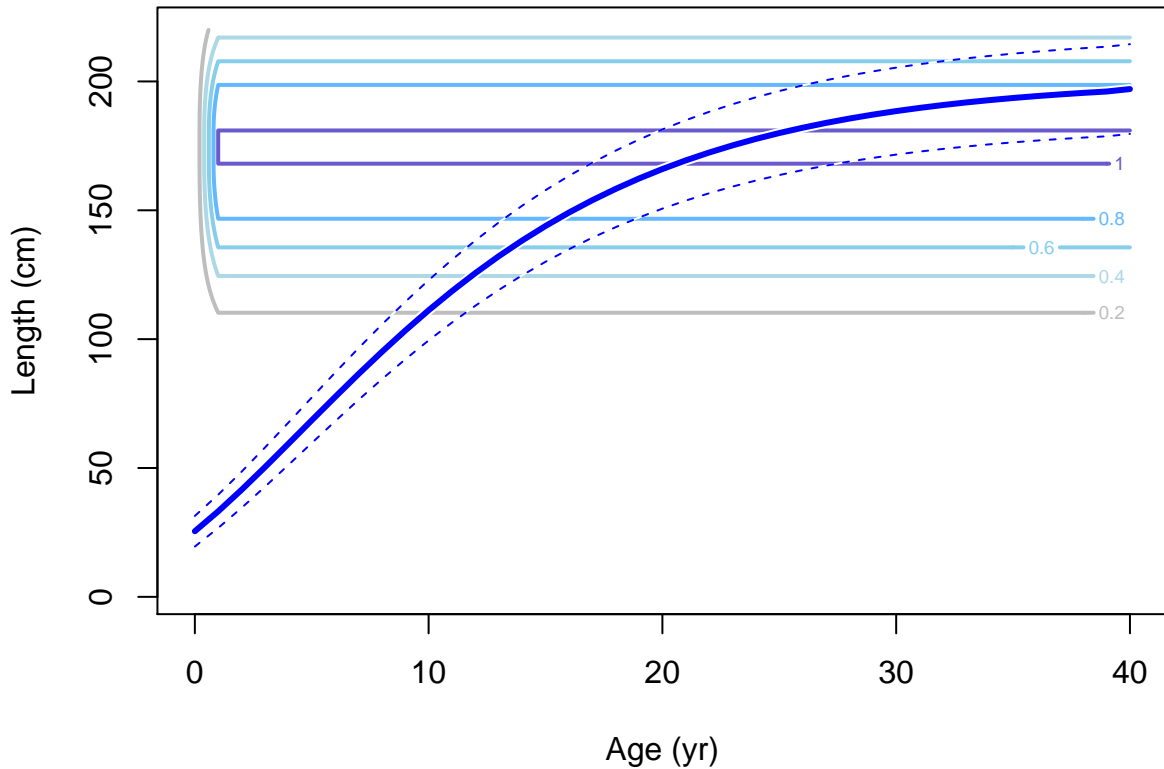
# Male ending year selectivity and growth for A3-LL-w



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

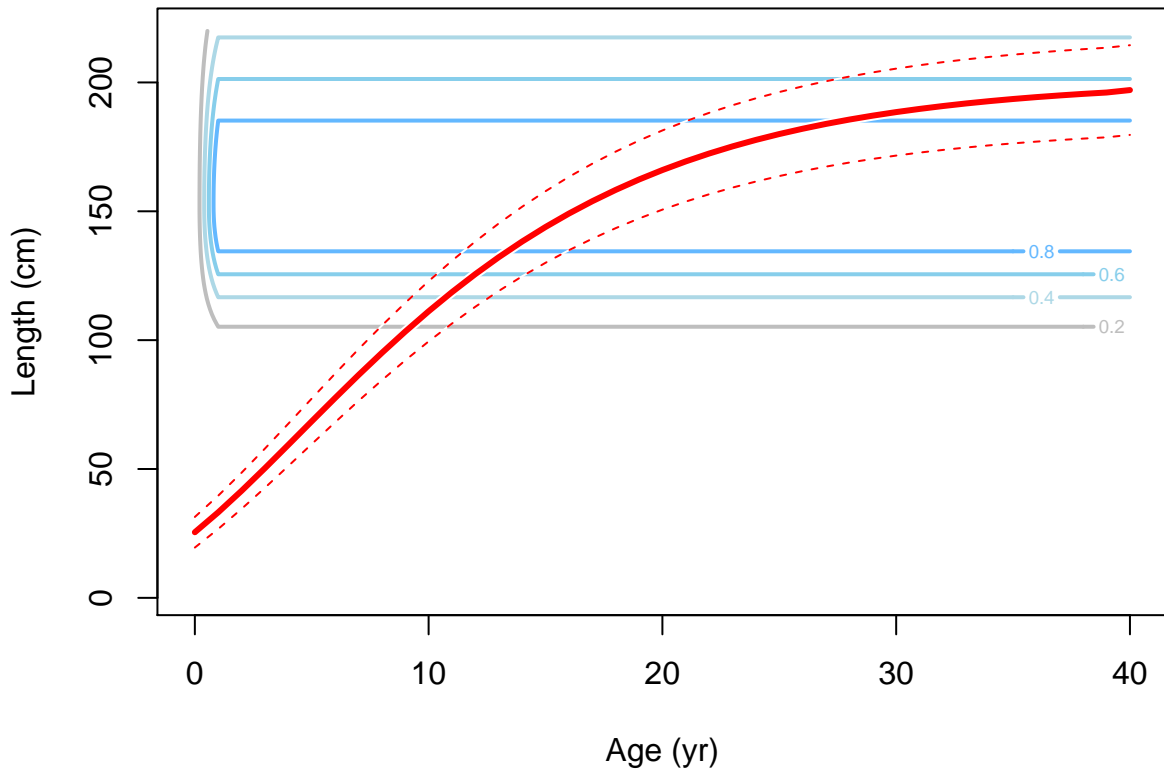


# Male ending year selectivity and growth for A4-LL-w

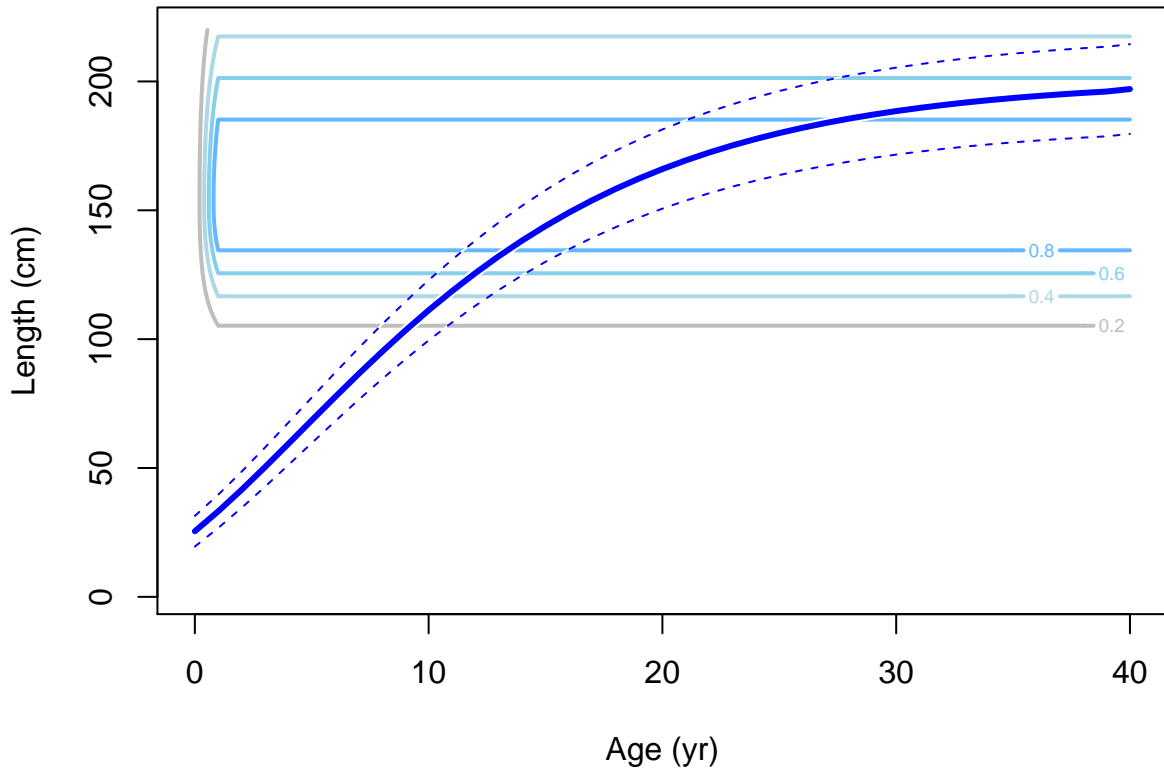




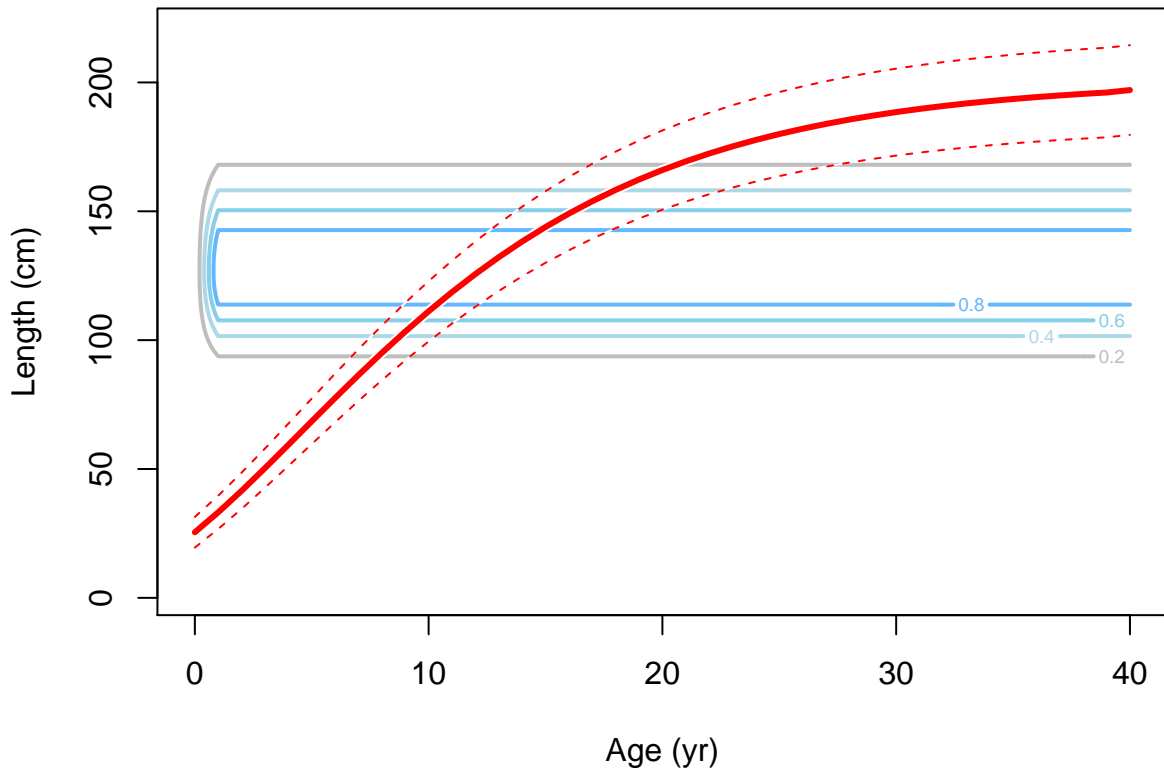
## Female ending year selectivity and growth for A5-LL-w



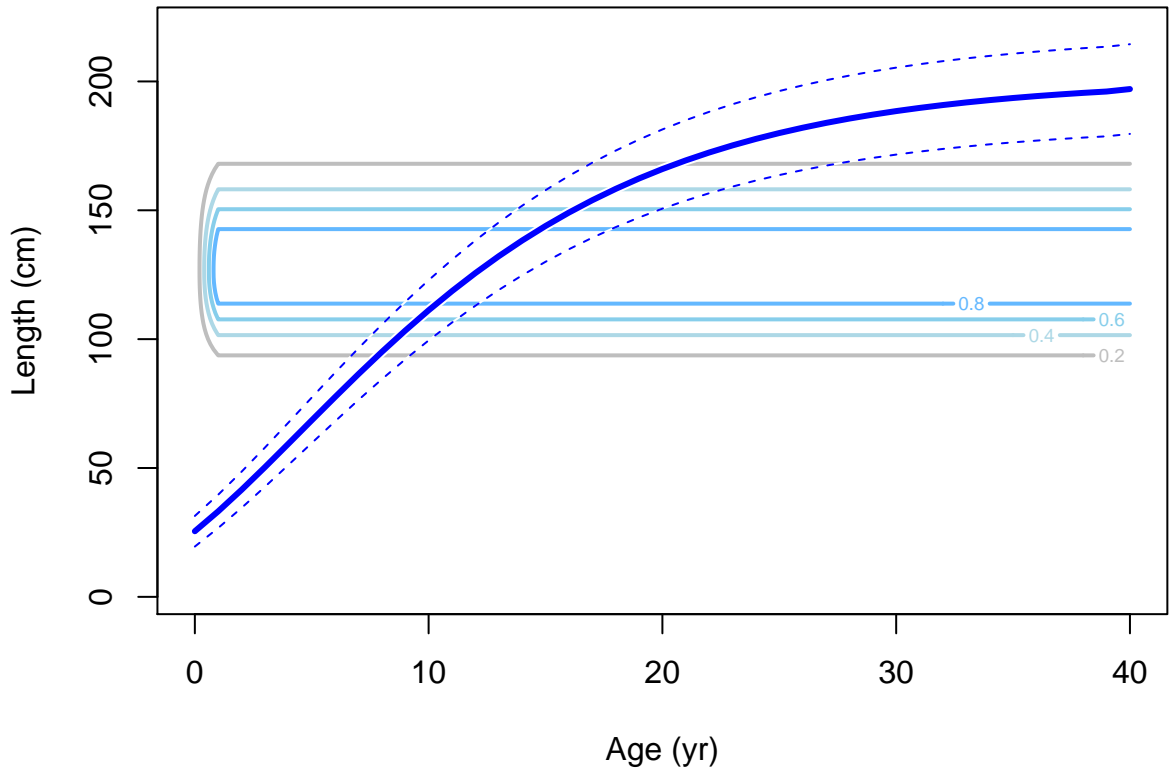
# Male ending year selectivity and growth for A5-LL-w



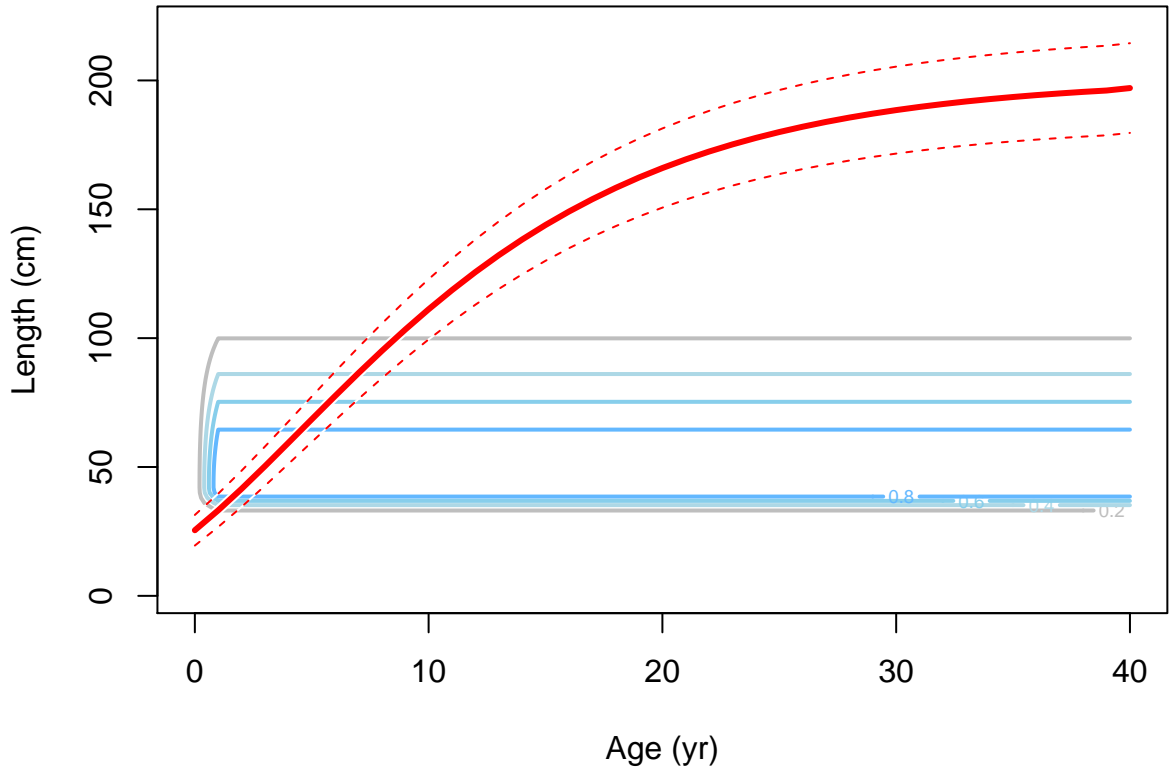
## Female ending year selectivity and growth for A6-LL-w



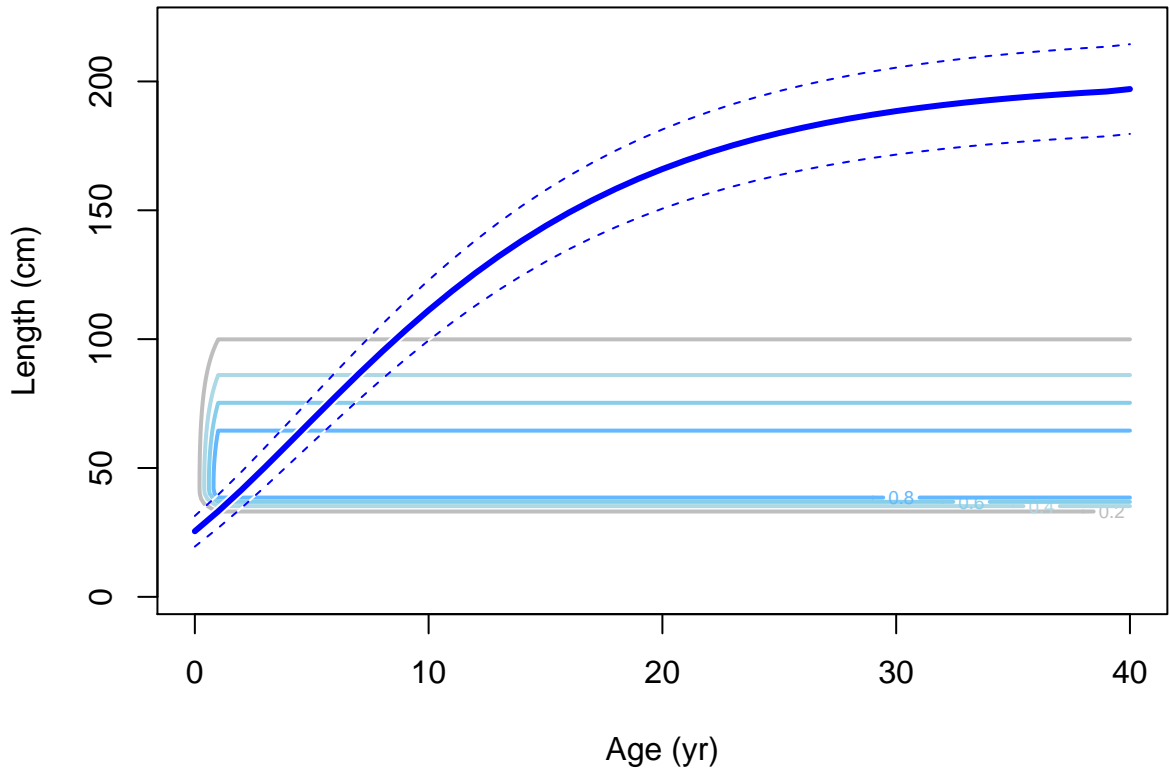
# Male ending year selectivity and growth for A6-LL-w



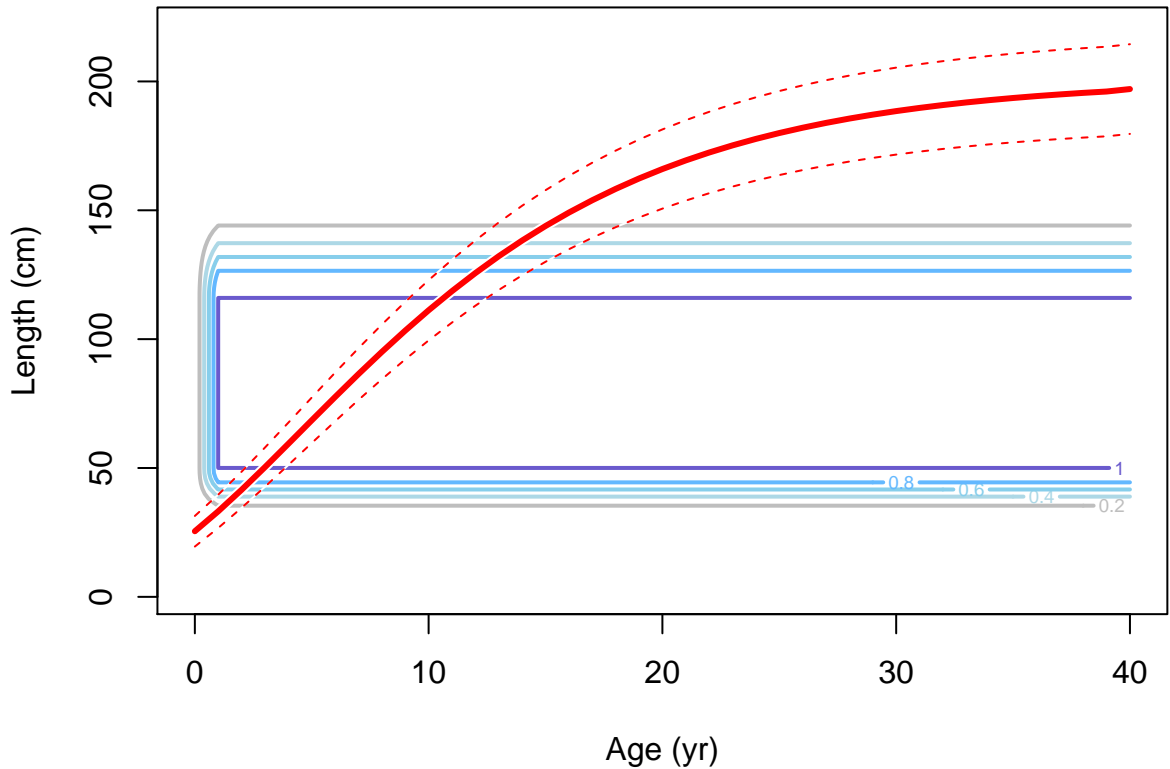
## Female ending year selectivity and growth for A2-OBJ



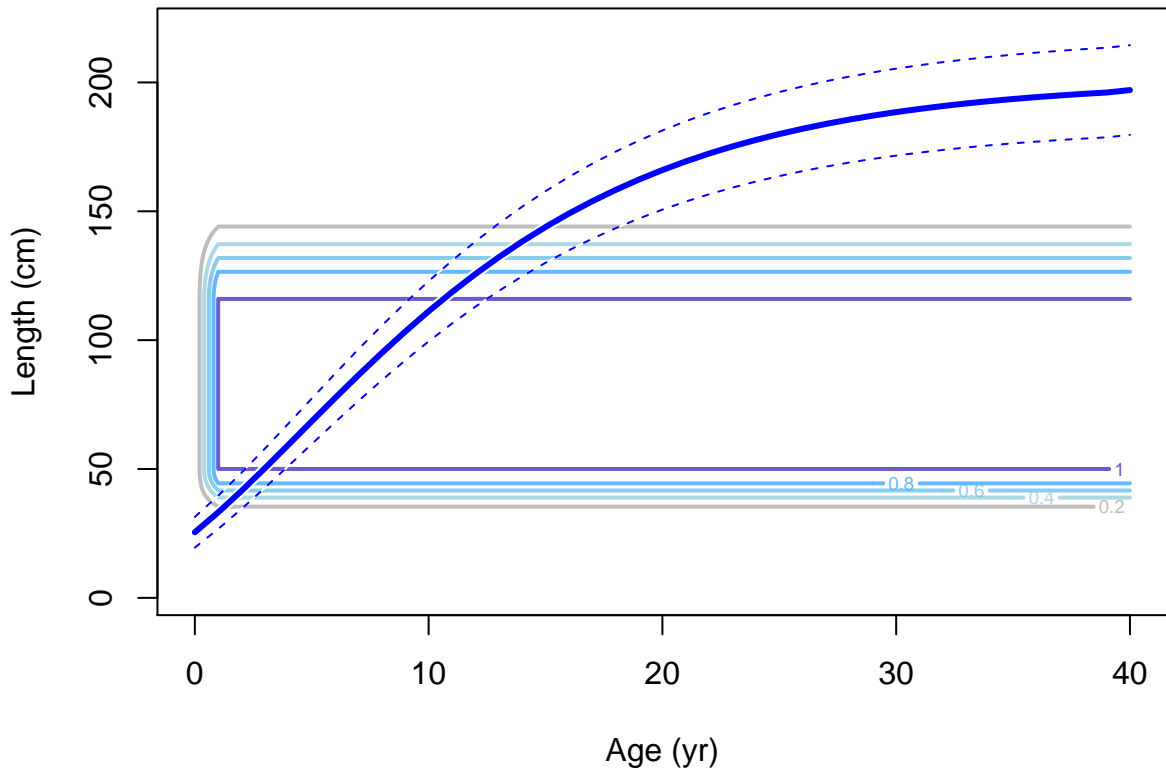
# Male ending year selectivity and growth for A2-OBJ



# Female ending year selectivity and growth for A3-OBJ

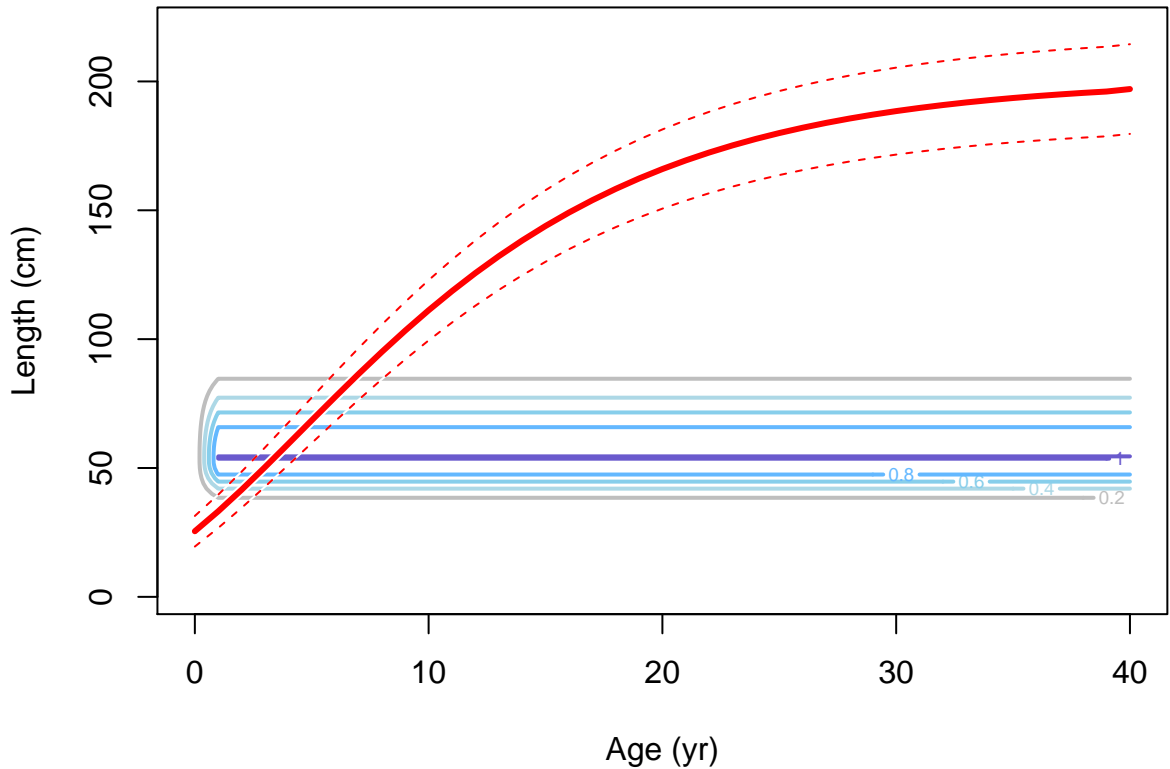


# Male ending year selectivity and growth for A3-OBJ

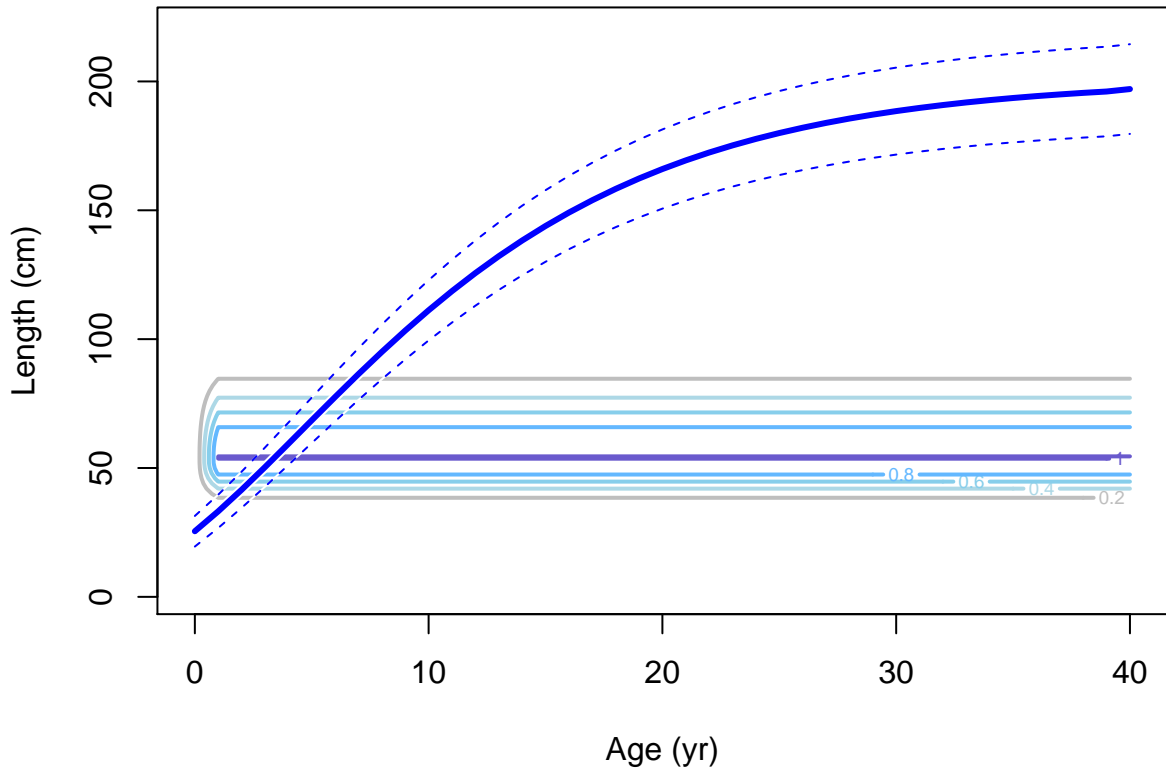




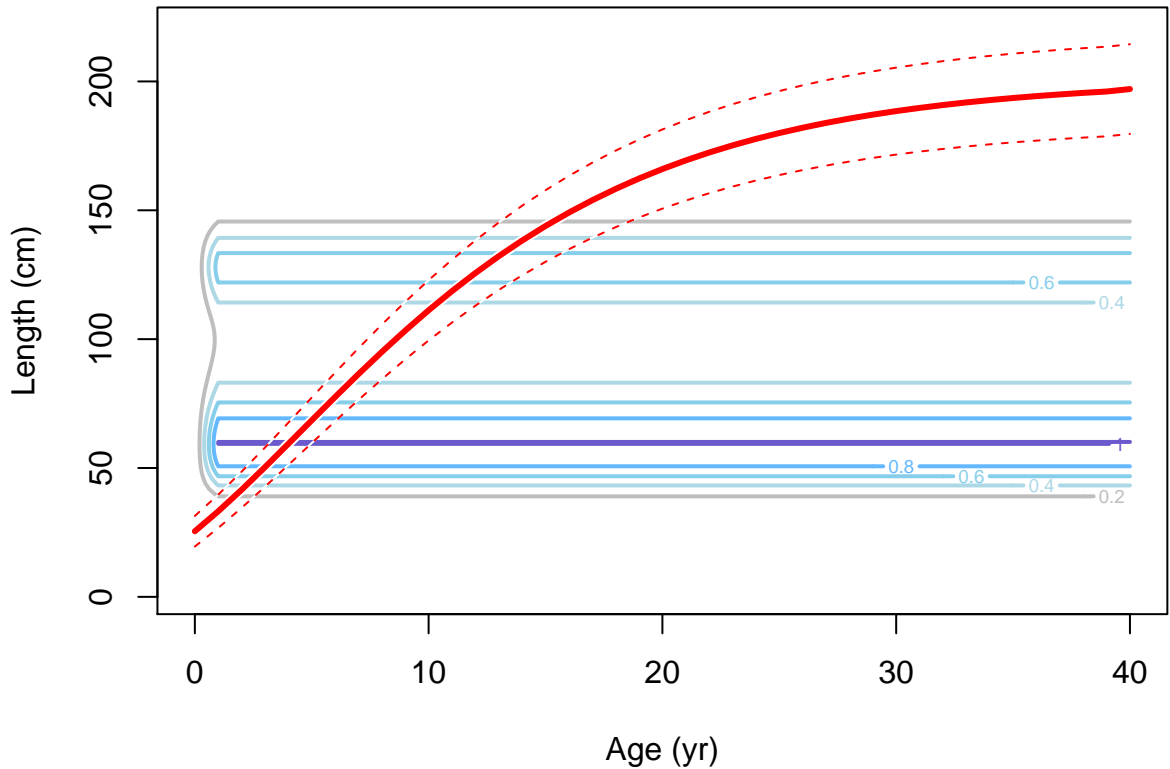
# Female ending year selectivity and growth for A4-OBJ



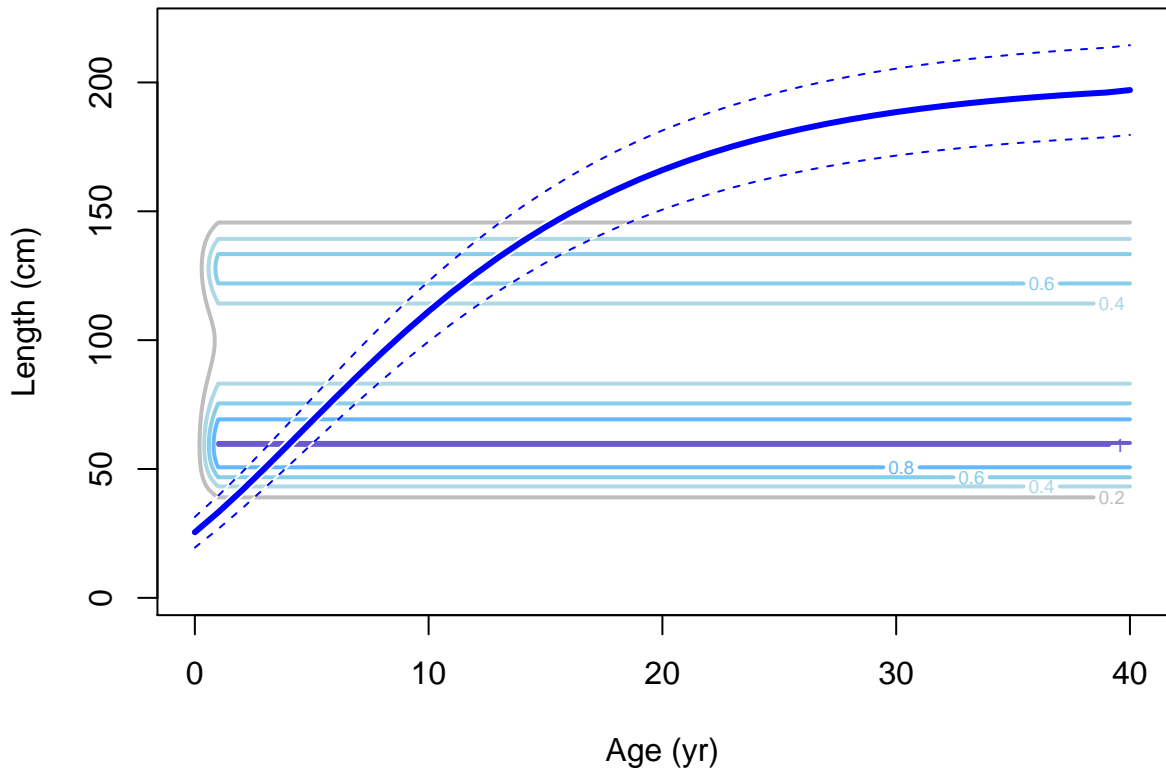
# Male ending year selectivity and growth for A4-OBJ



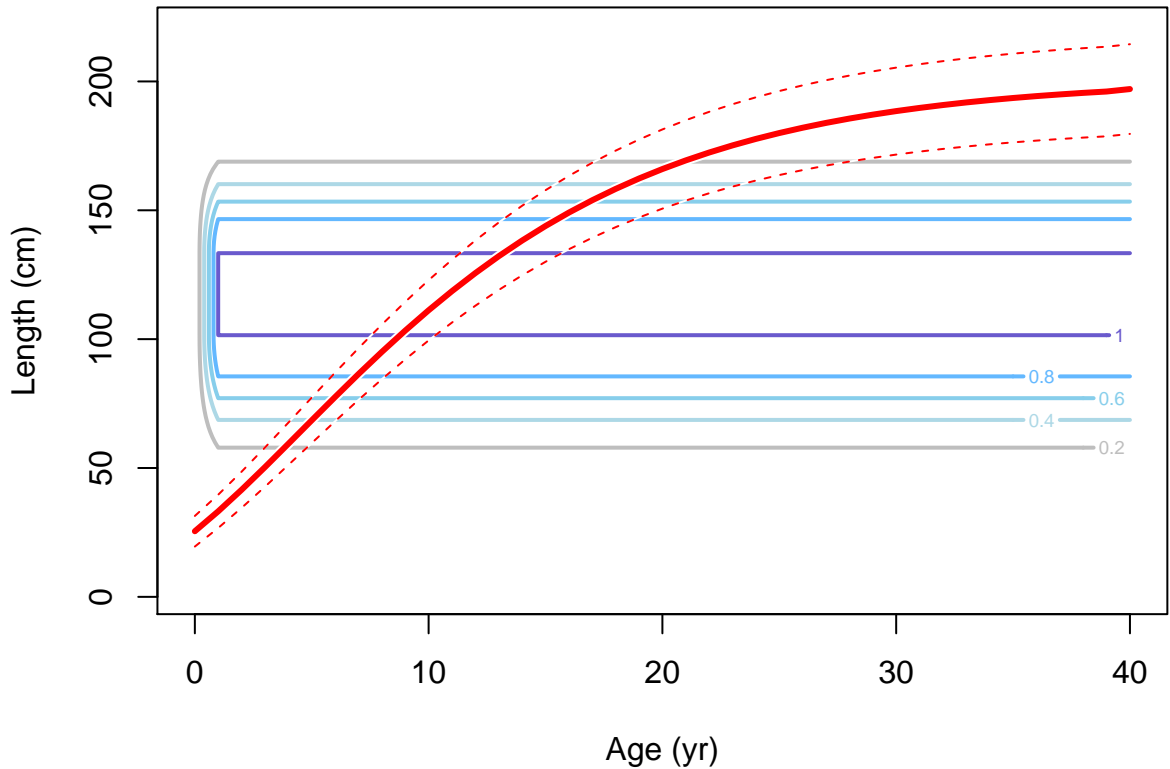
## Female ending year selectivity and growth for A5-OBJ



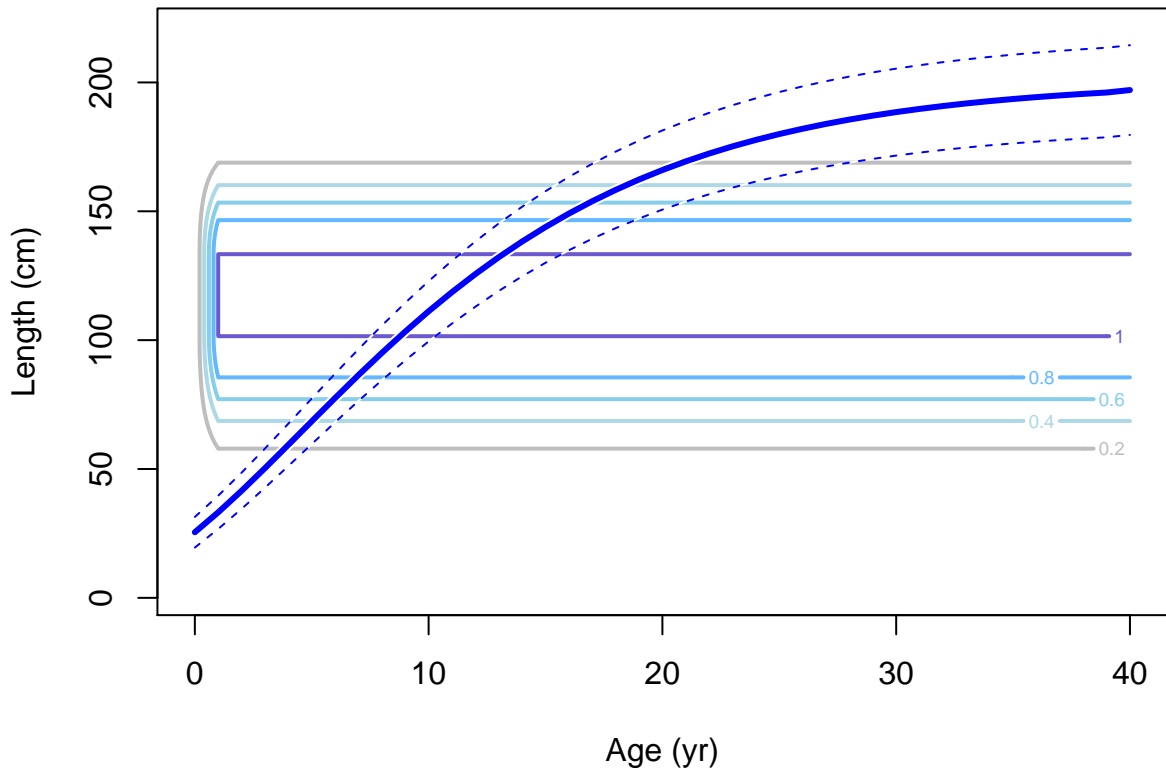
# Male ending year selectivity and growth for A5-OBJ



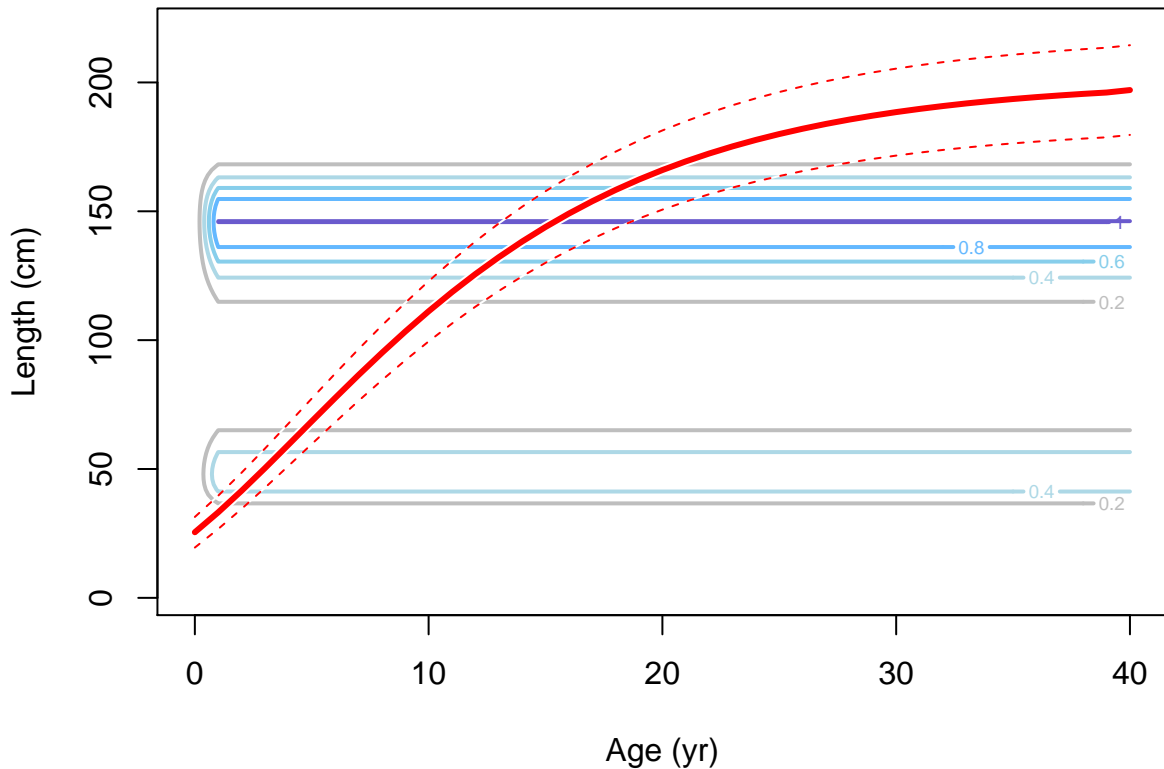
## Female ending year selectivity and growth for A6-OBJ



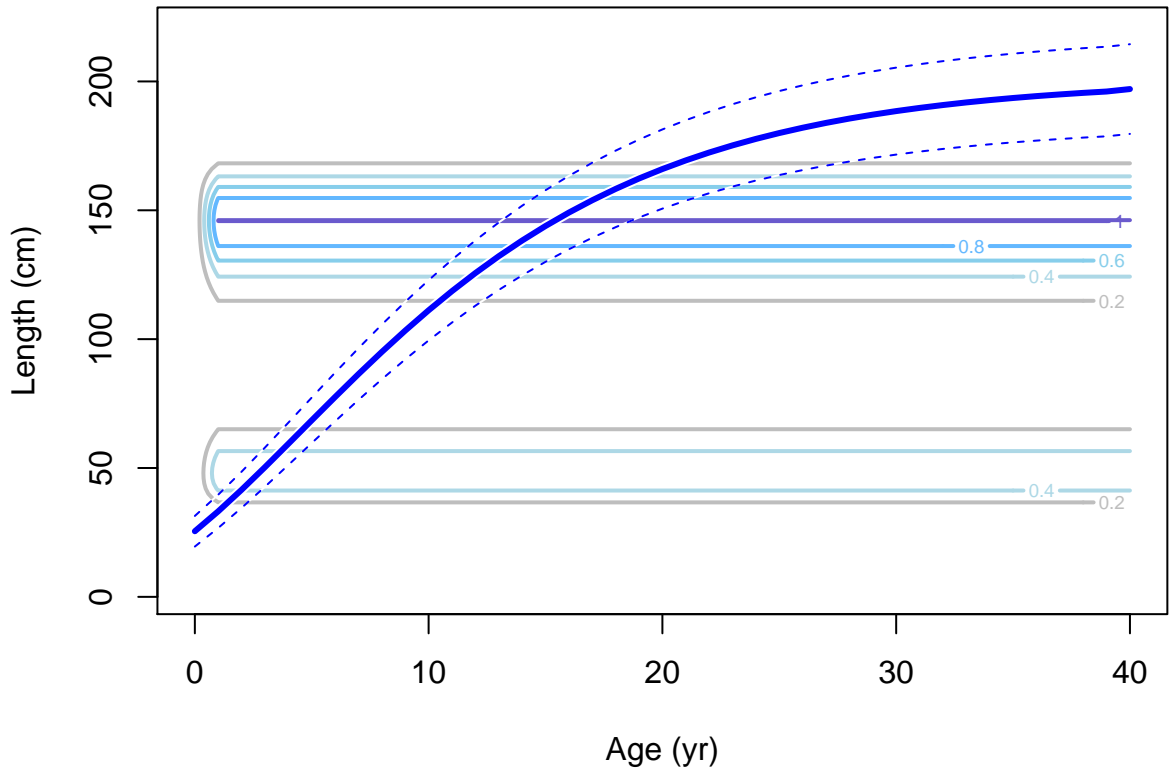
# Male ending year selectivity and growth for A6-OBJ



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

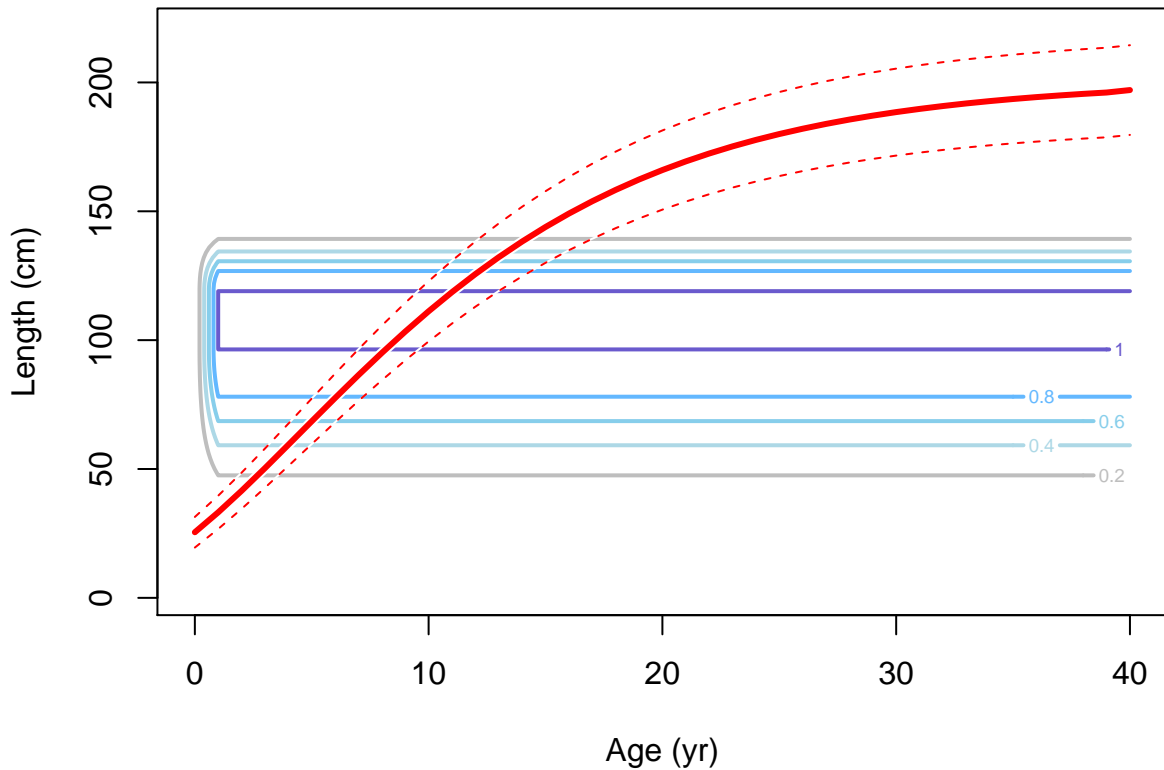


# Male ending year selectivity and growth for A2-NOADEL

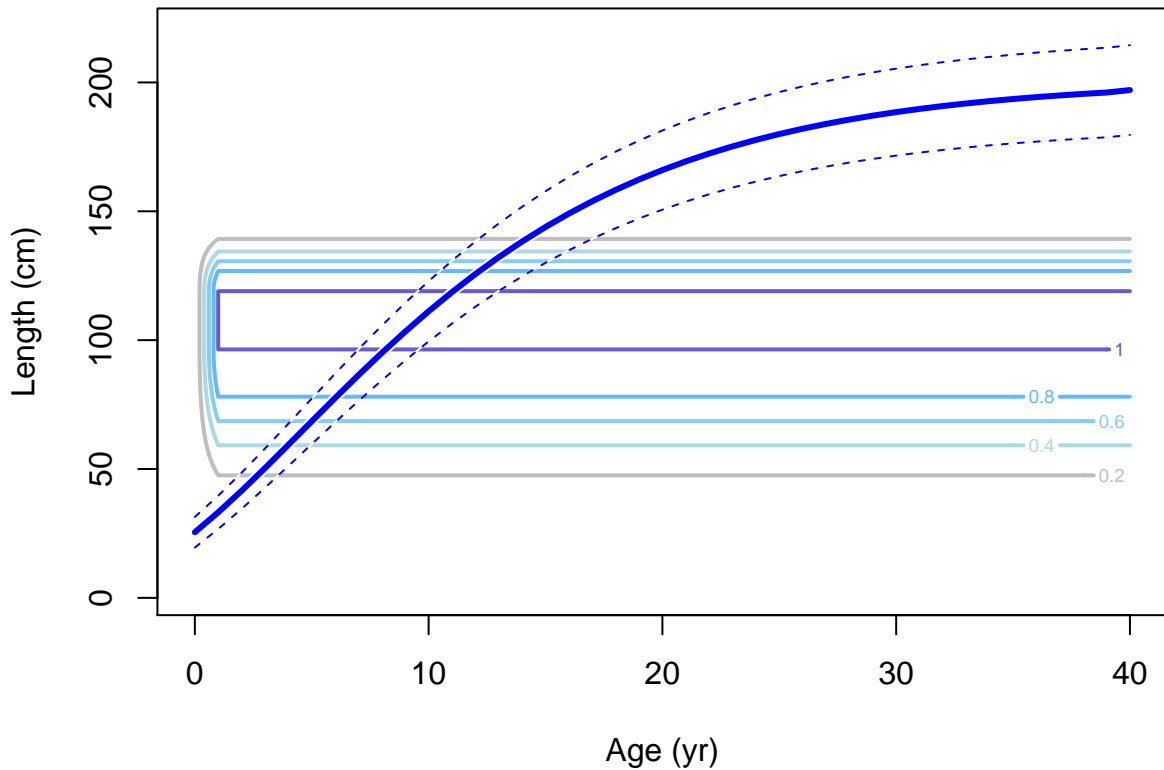




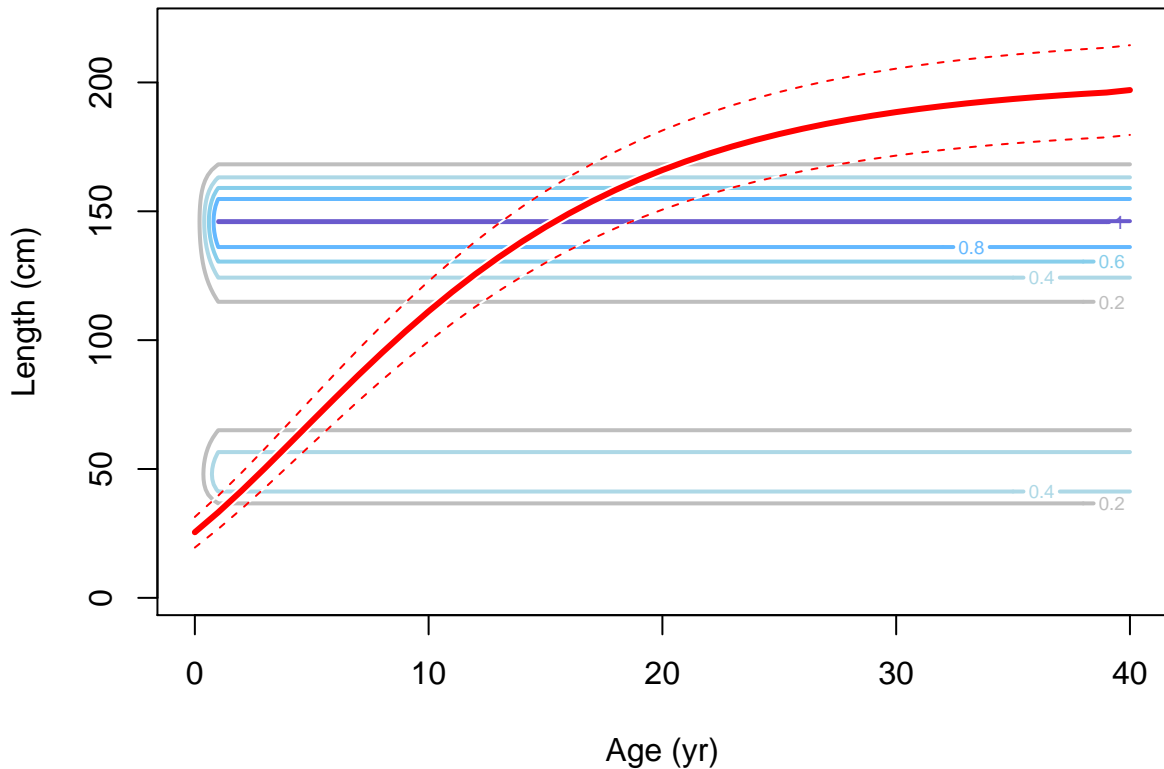
## Female ending year selectivity and growth for A3-NOADEL



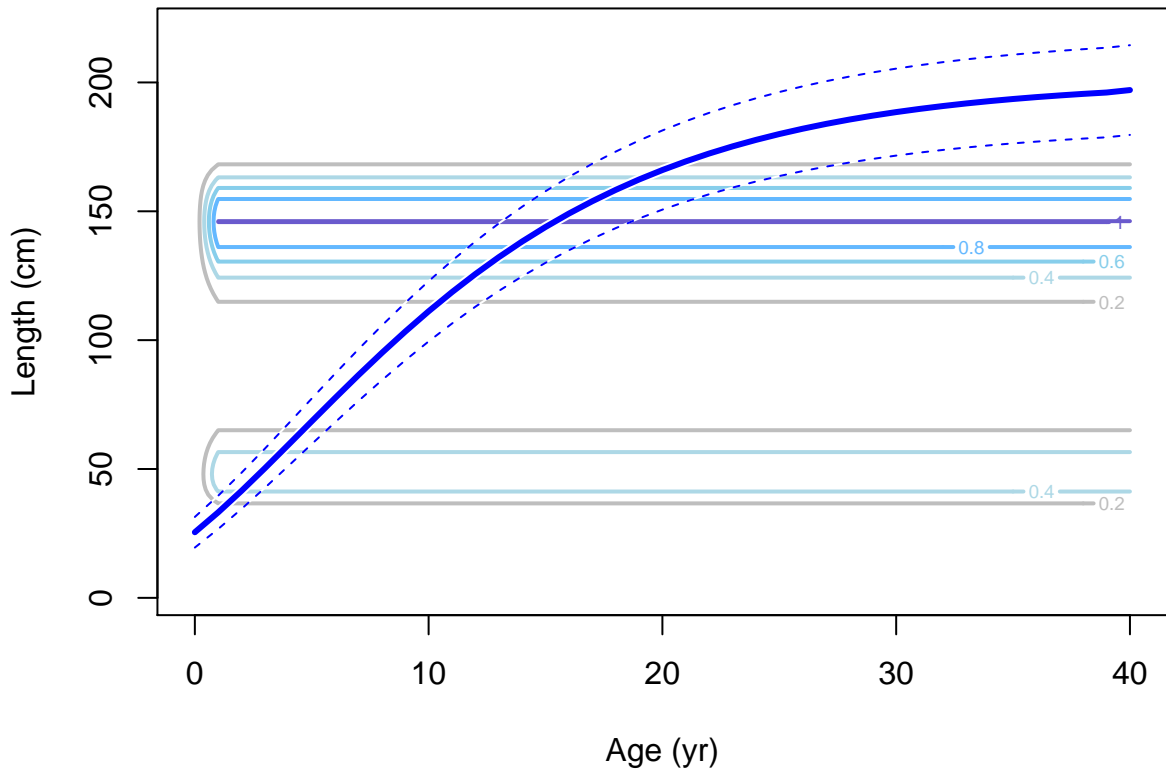
## Male ending year selectivity and growth for A3-NOADEL



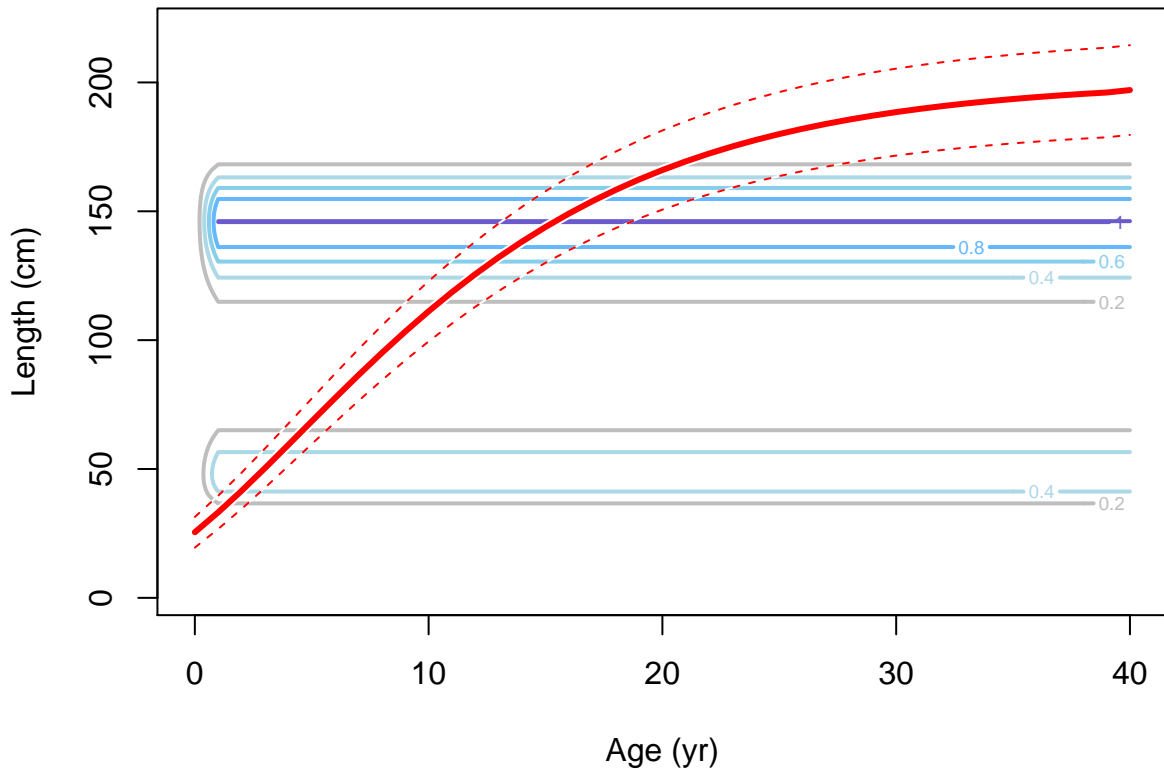
## Female ending year selectivity and growth for A4-NOADEL



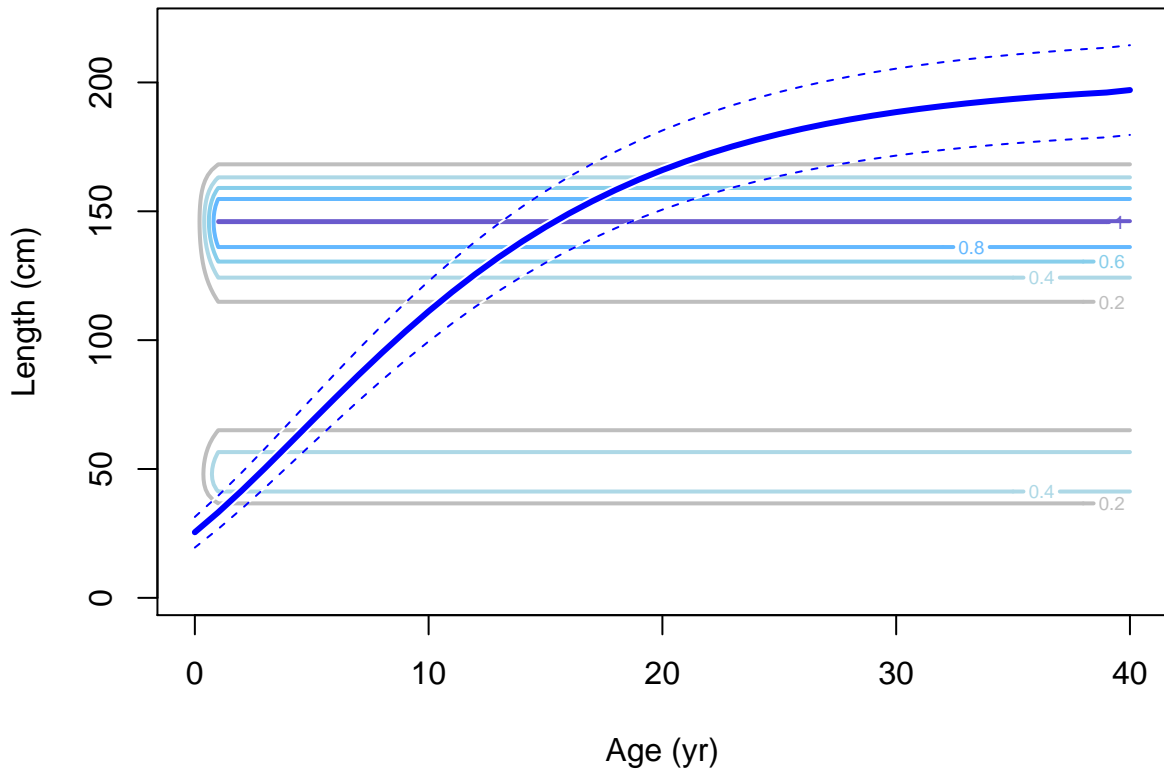
# Male ending year selectivity and growth for A4-NOADEL



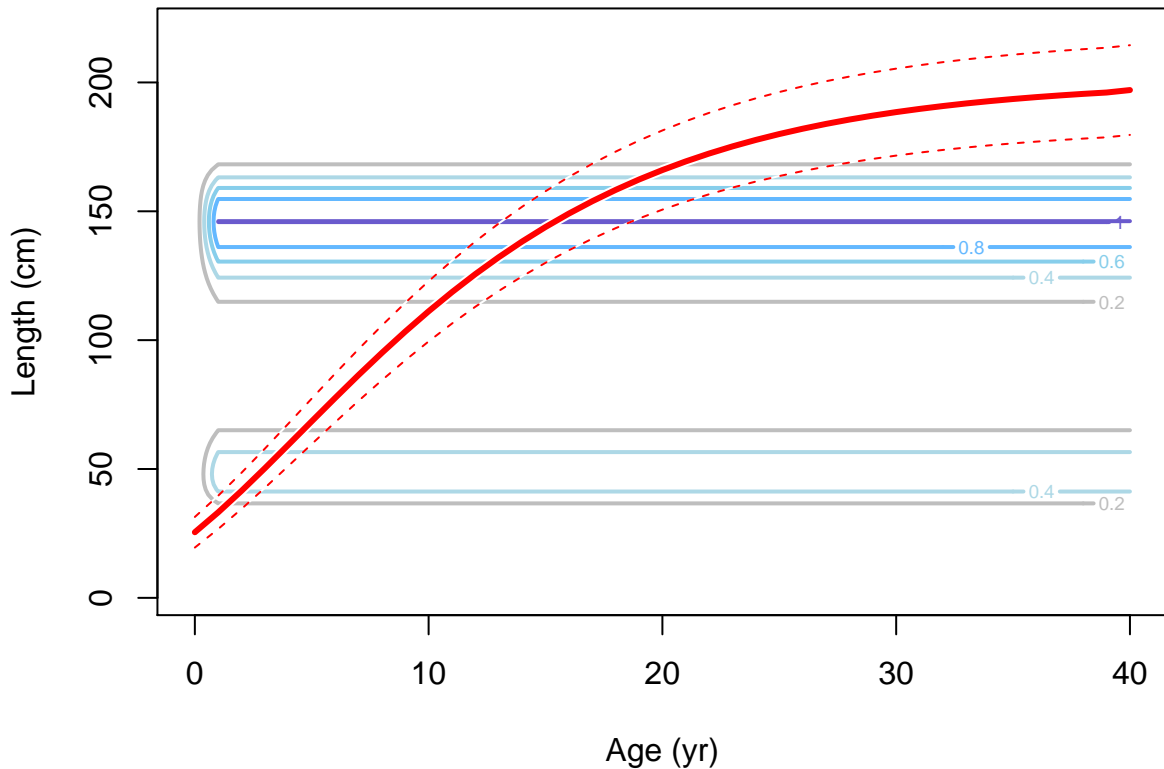
## Female ending year selectivity and growth for A5-NOADEL



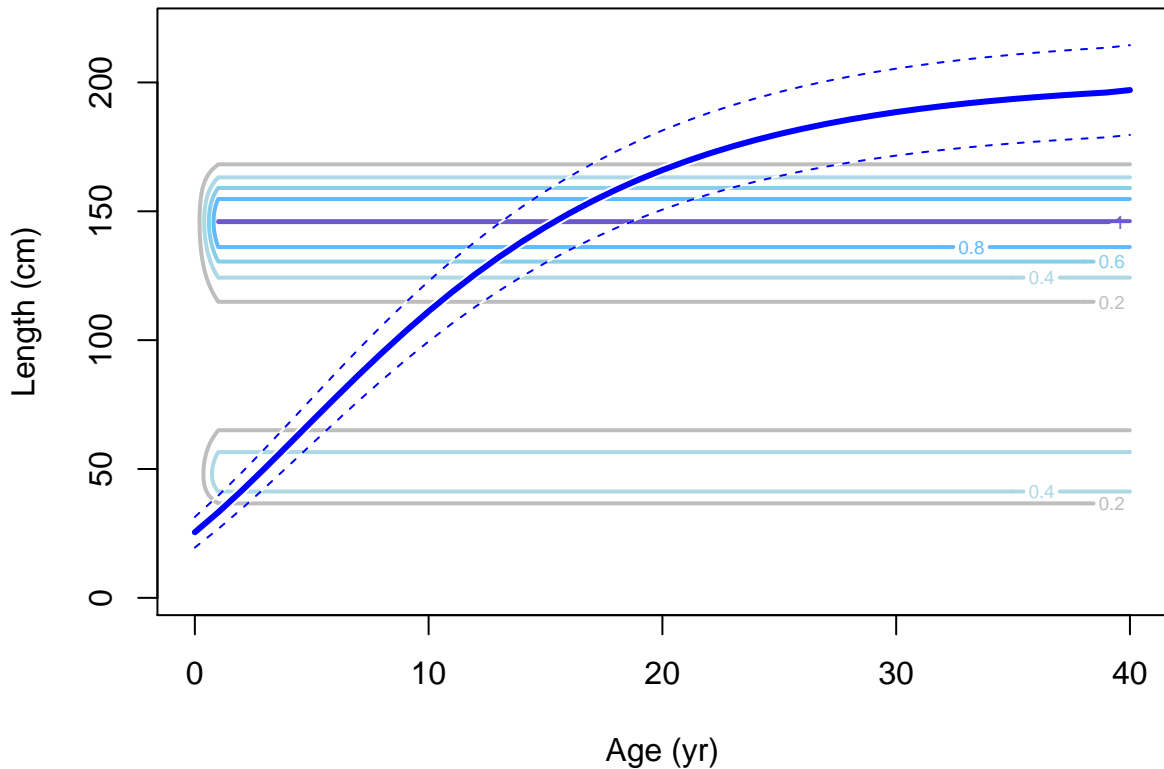
# Male ending year selectivity and growth for A5-NOADEL



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

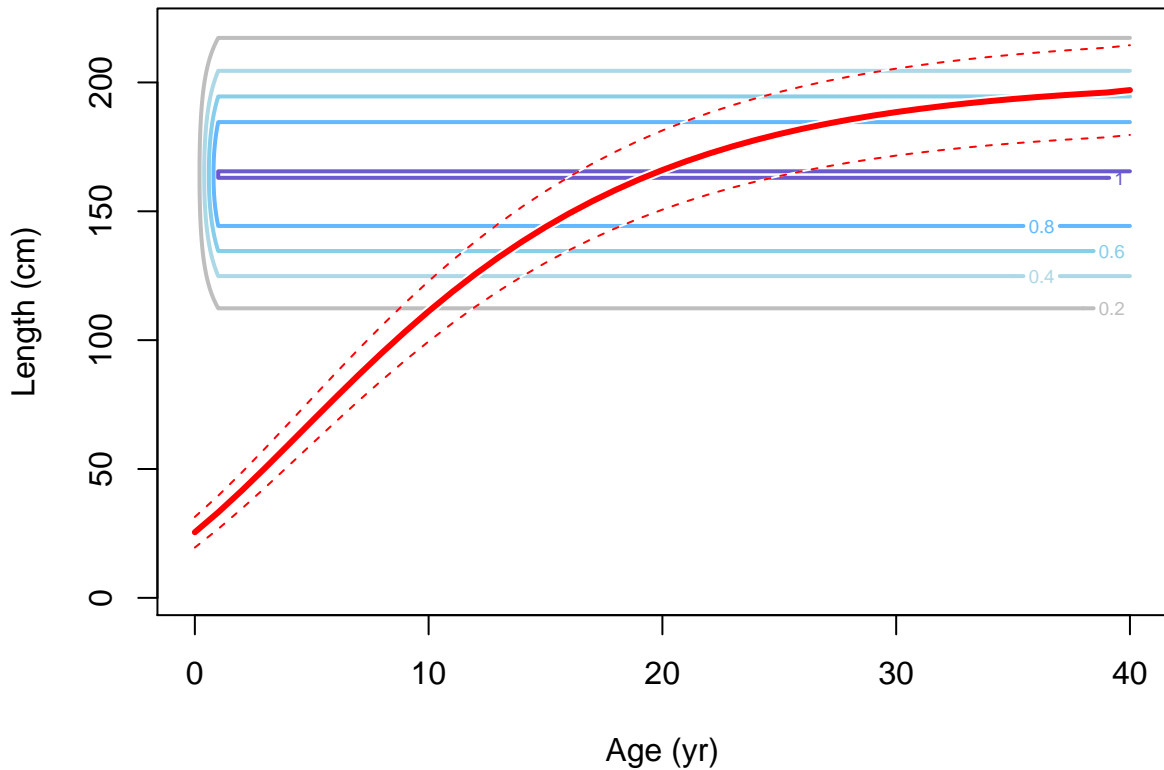


# Male ending year selectivity and growth for A6-NOADEL

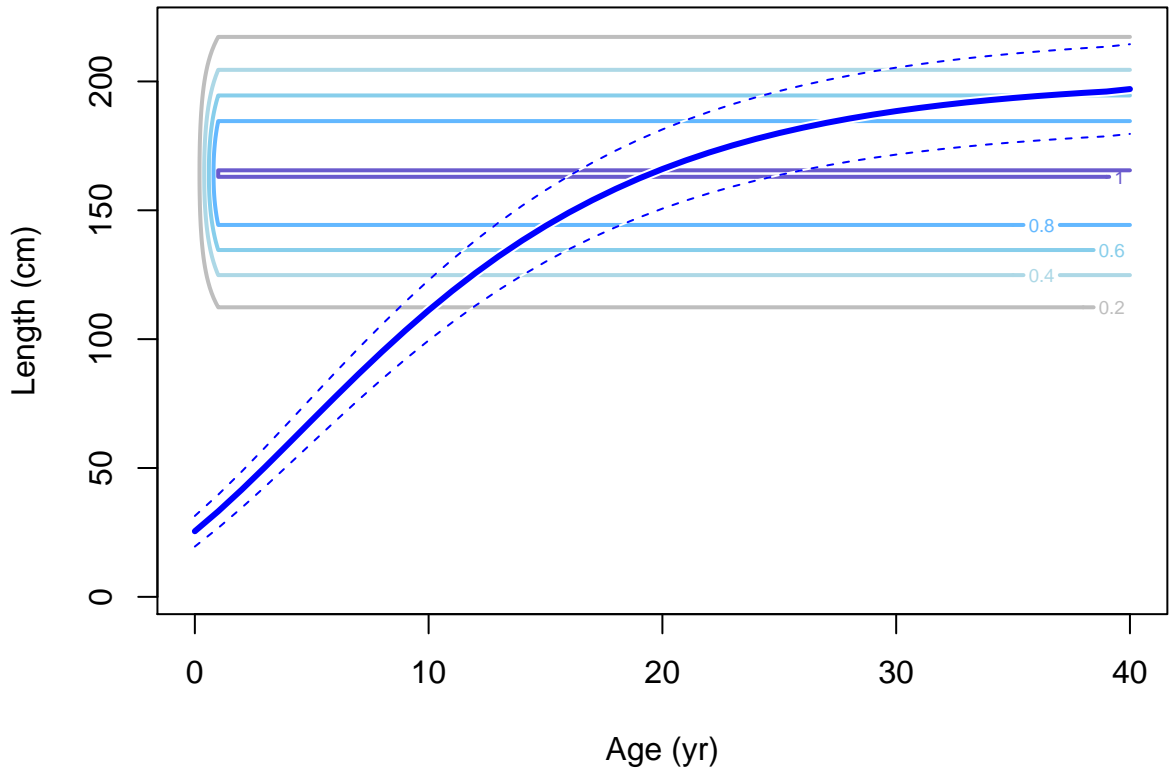




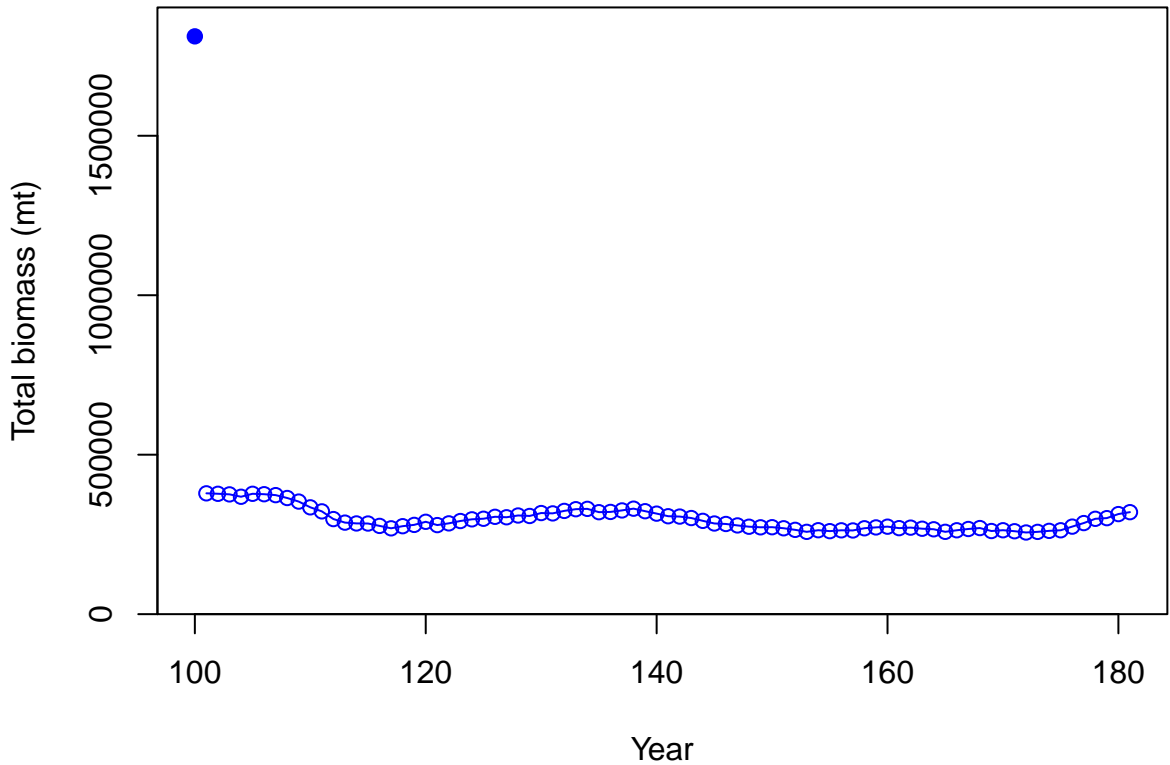
# Female ending year selectivity and growth for EPO-LL-survey-late



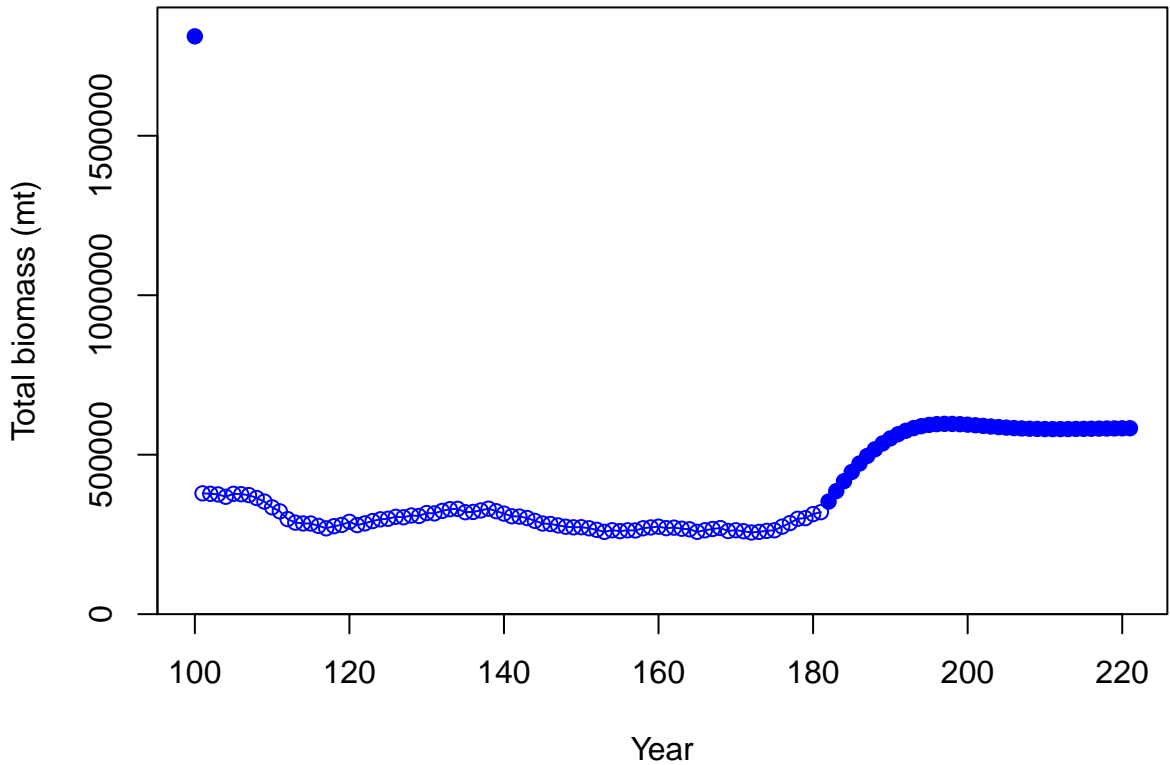
# Male ending year selectivity and growth for EPO-LL-survey-late



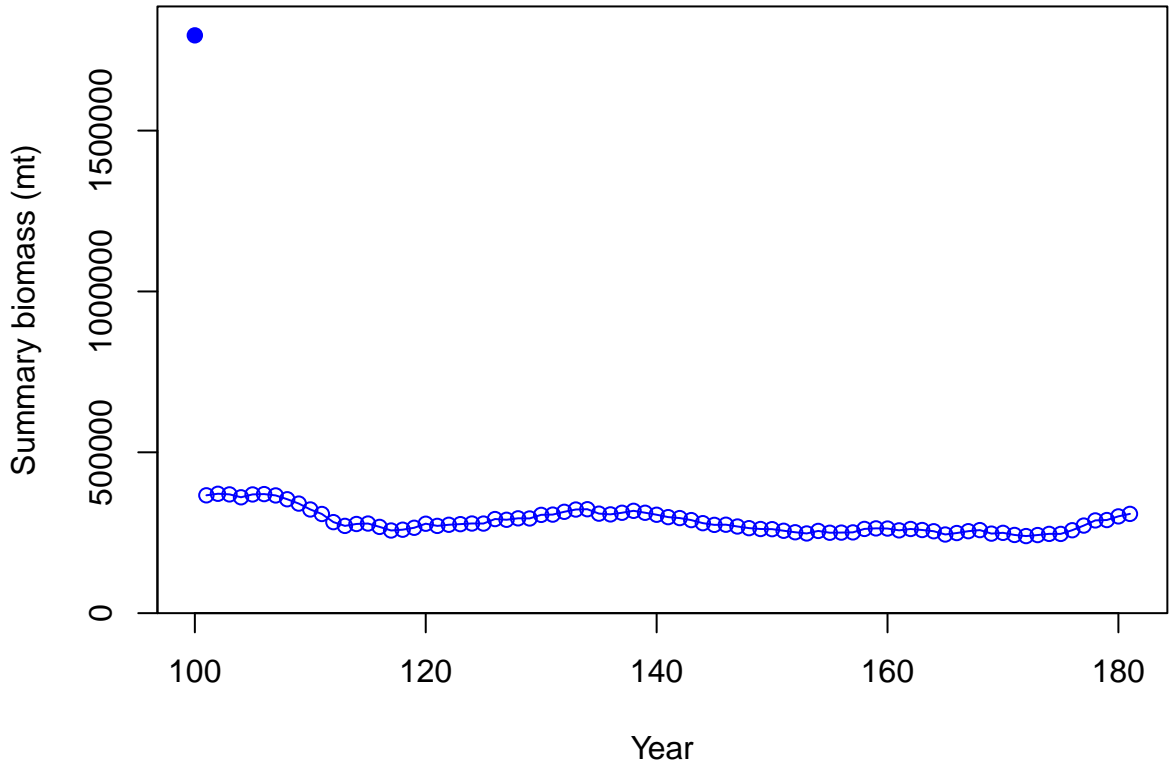
# Total biomass (mt)



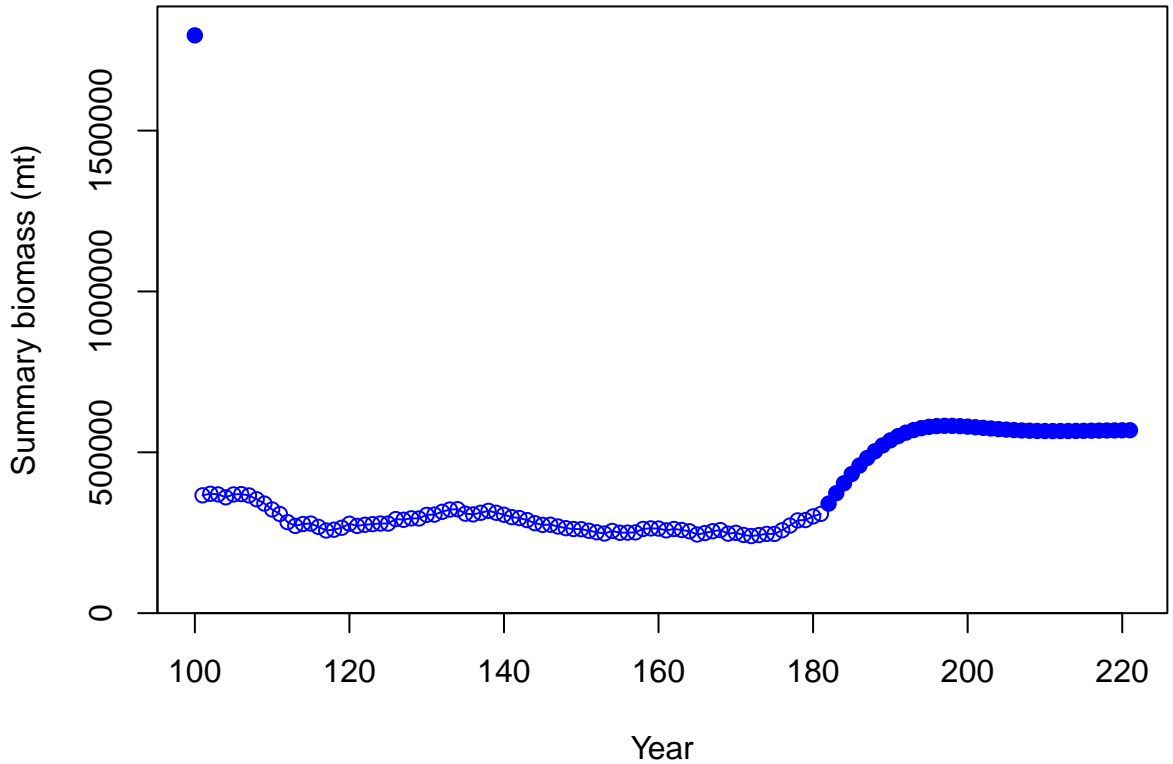
Total biomass (mt) with forecast



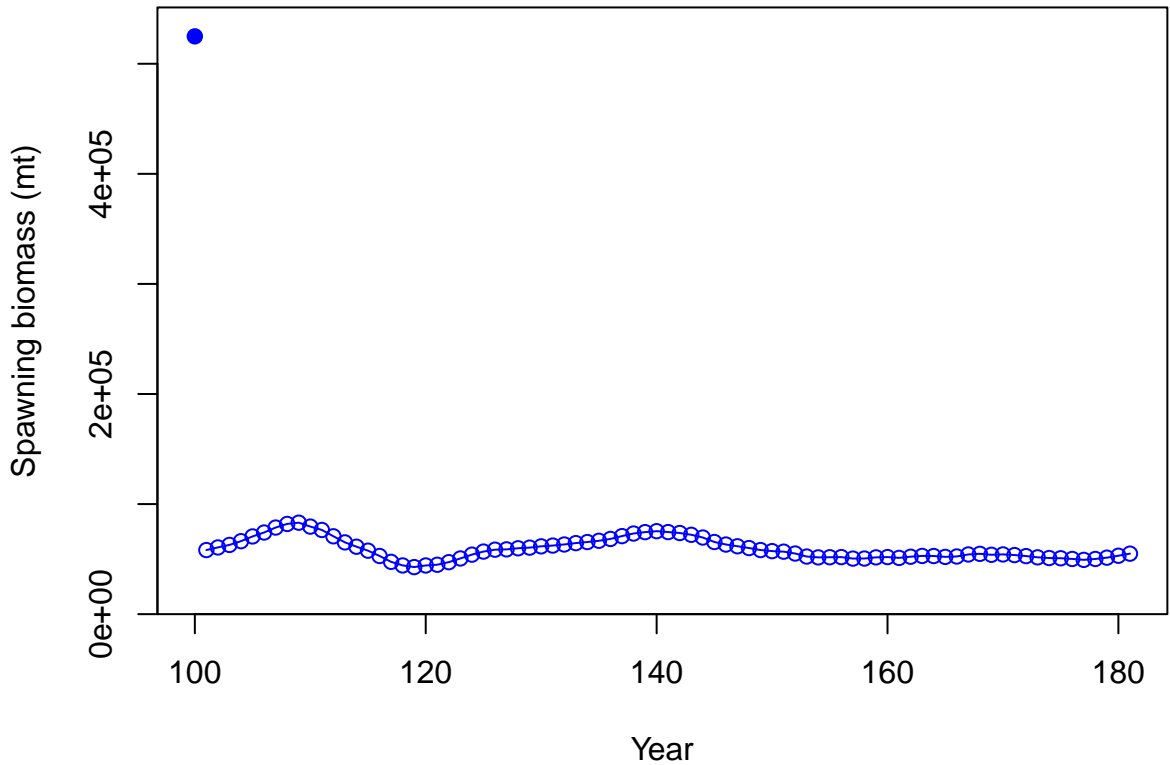
# Summary biomass (mt)



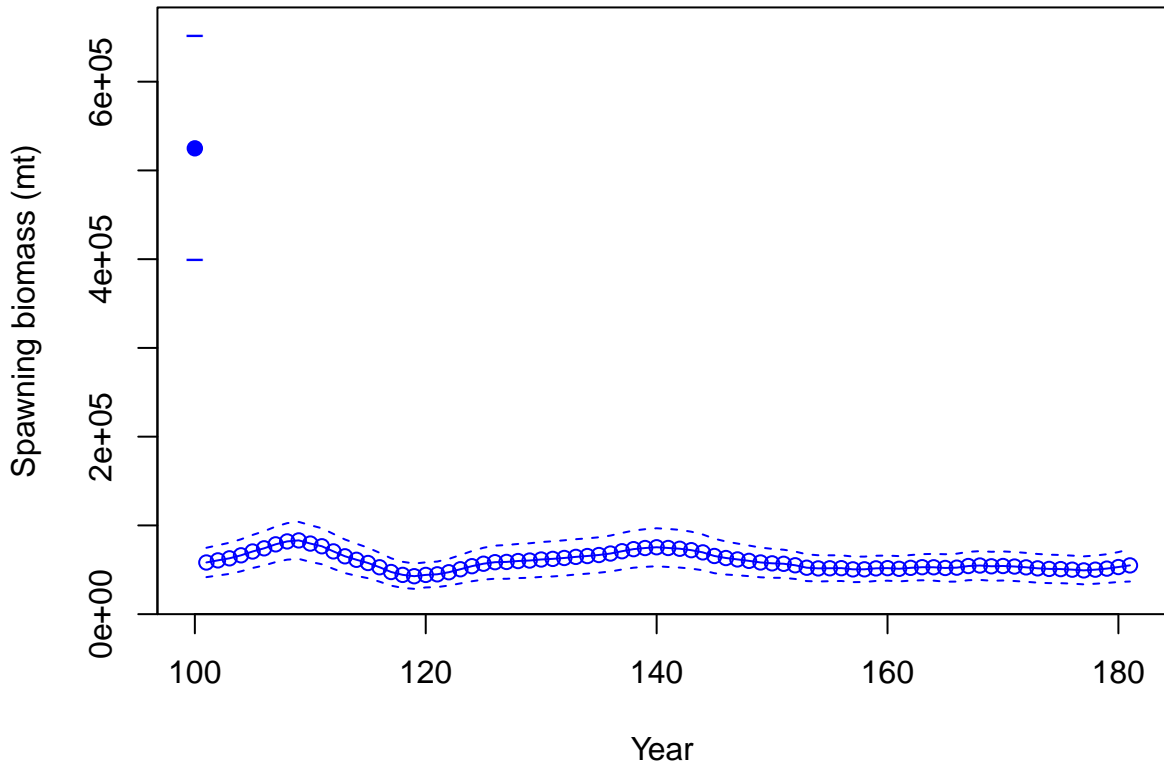
## Summary biomass (mt) with forecast



# Spawning biomass (mt)

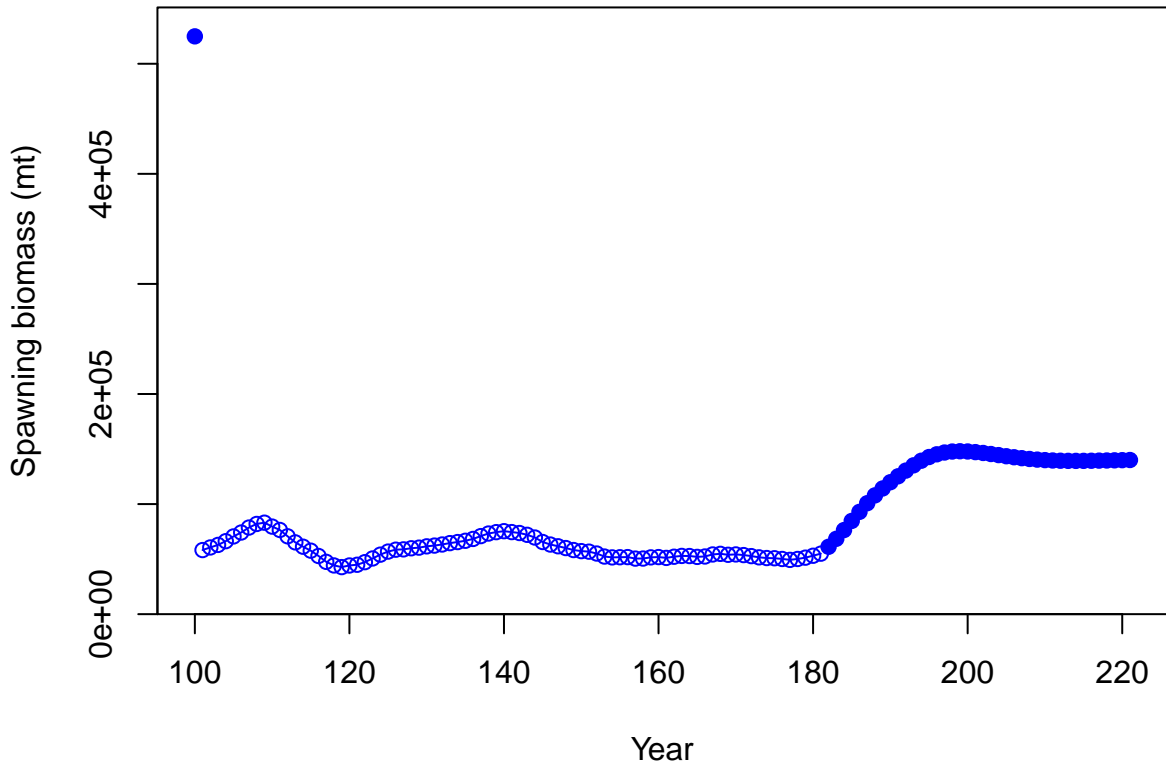


## Spawning biomass (mt) with ~95% asymptotic intervals

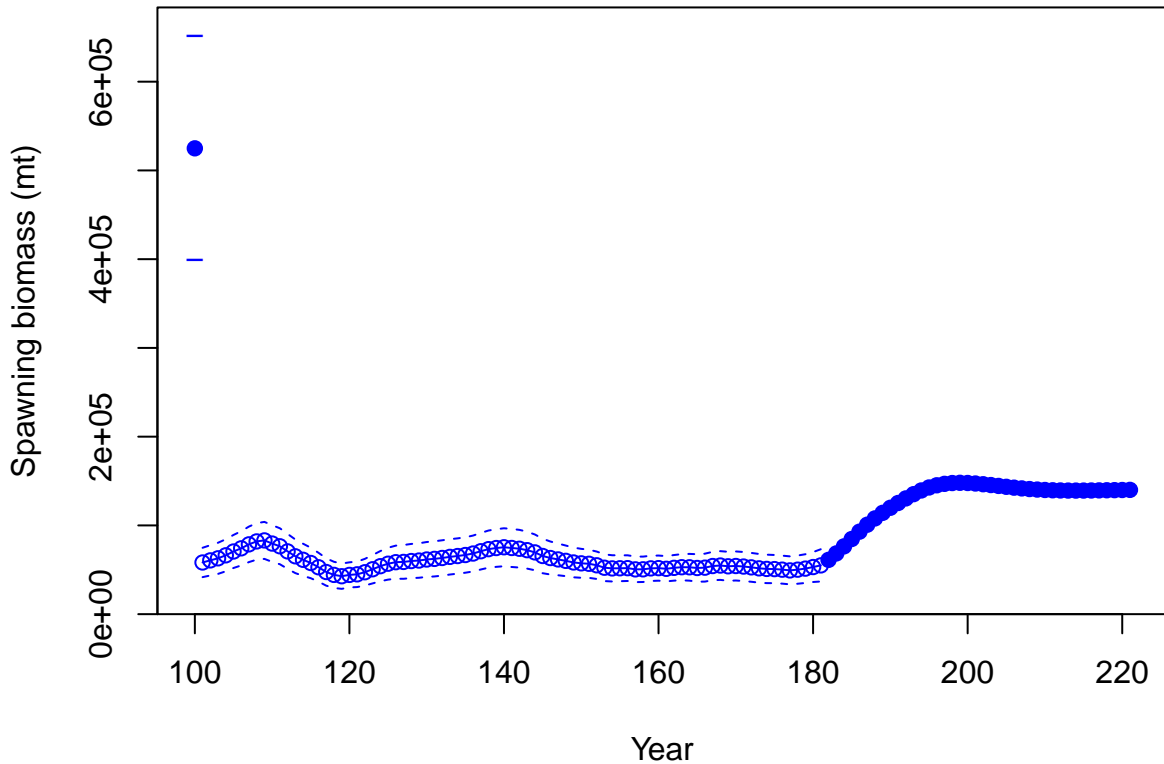




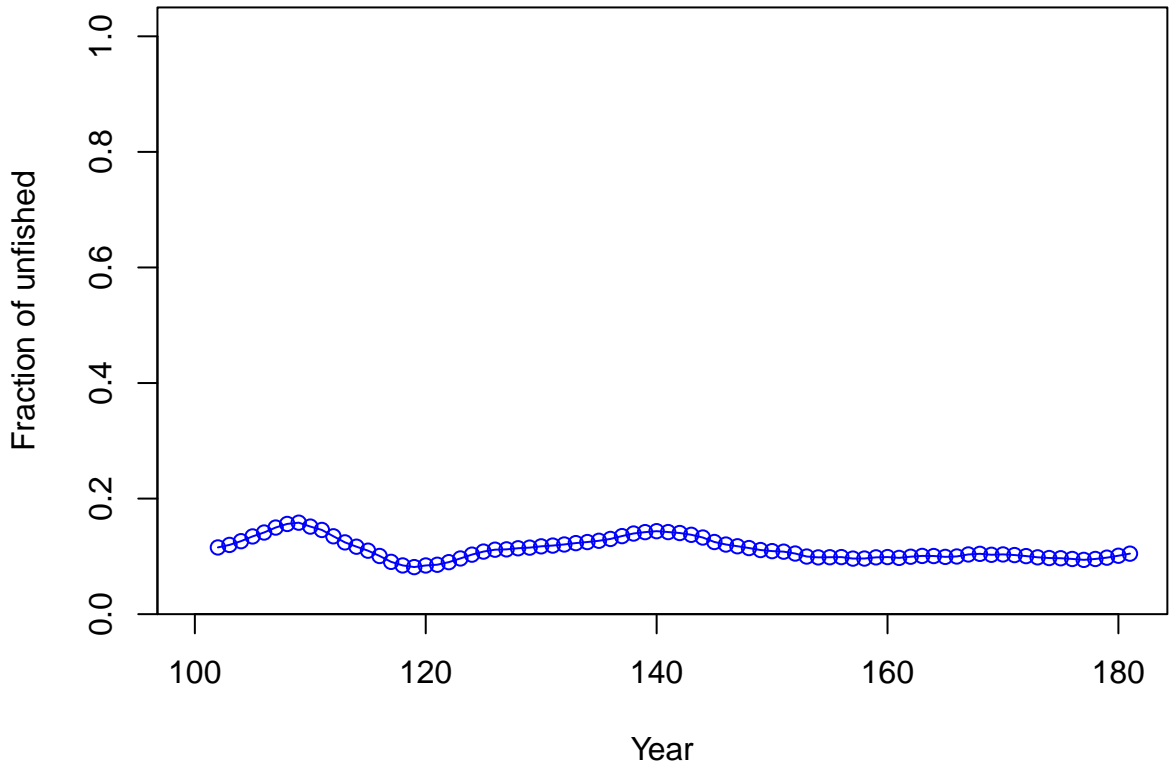
## Spawning biomass (mt) with forecast



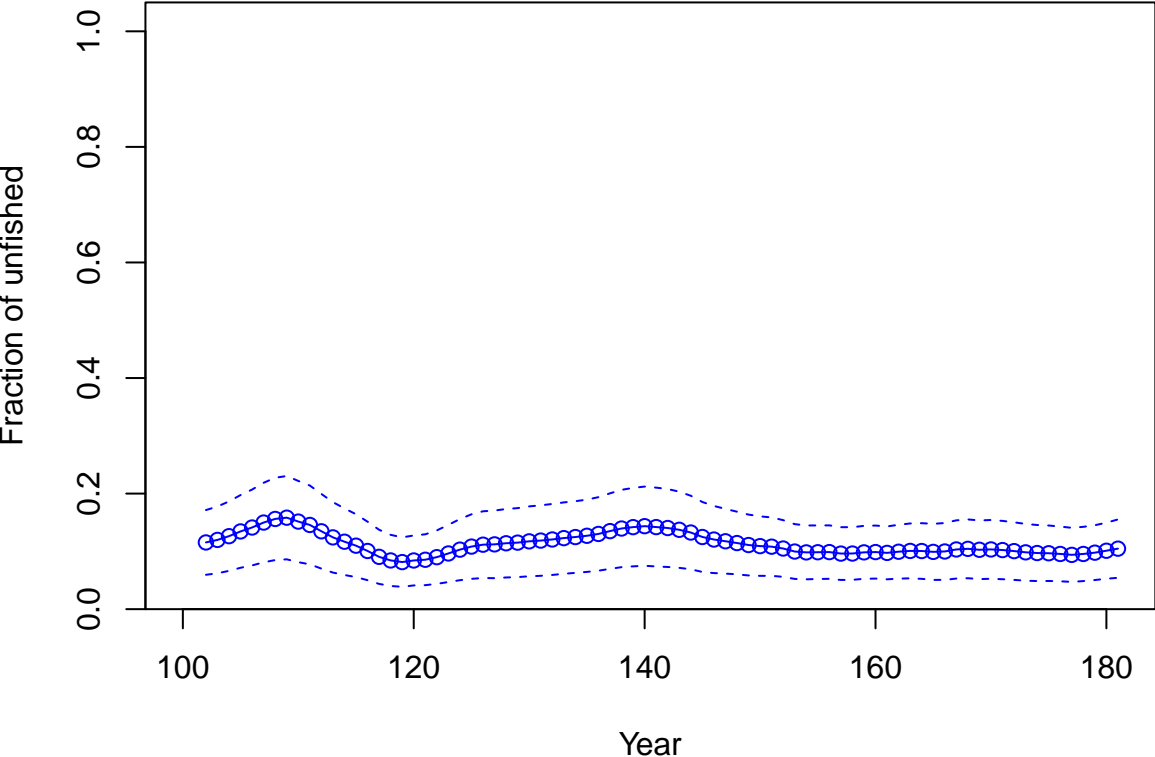
# Spawning biomass (mt) with forecast with ~95% asymptotic intervals



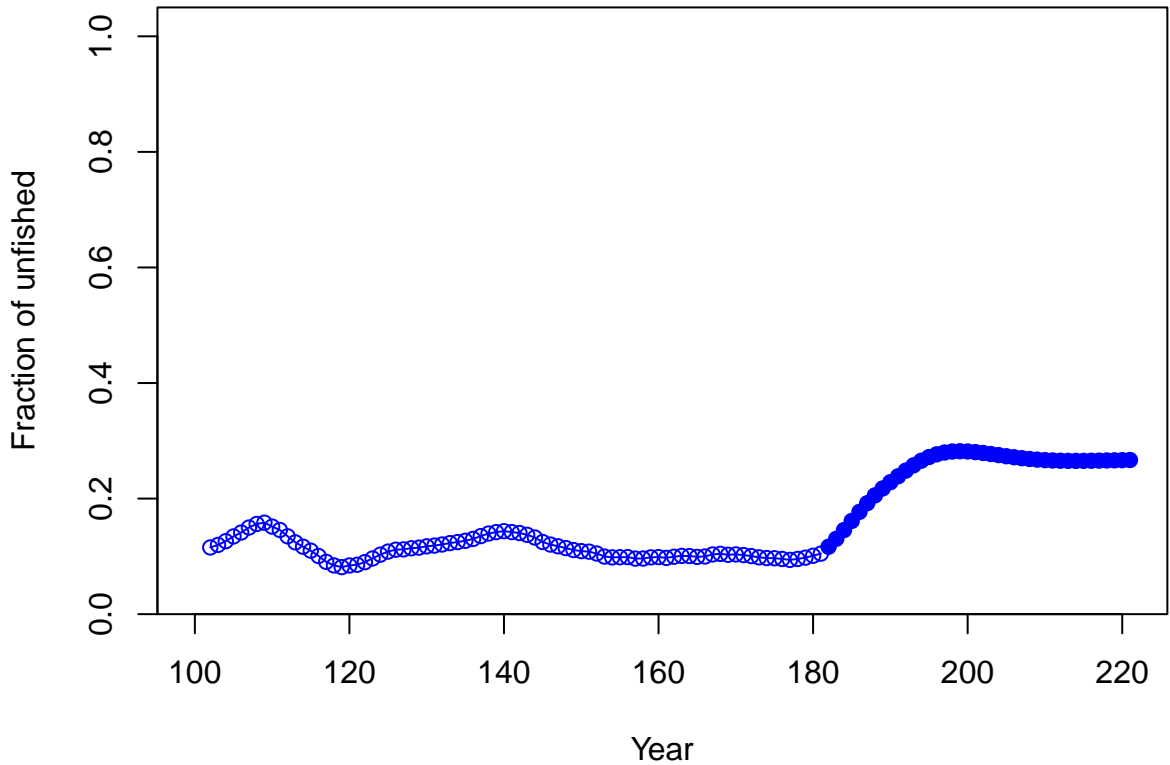
## Fraction of unfished



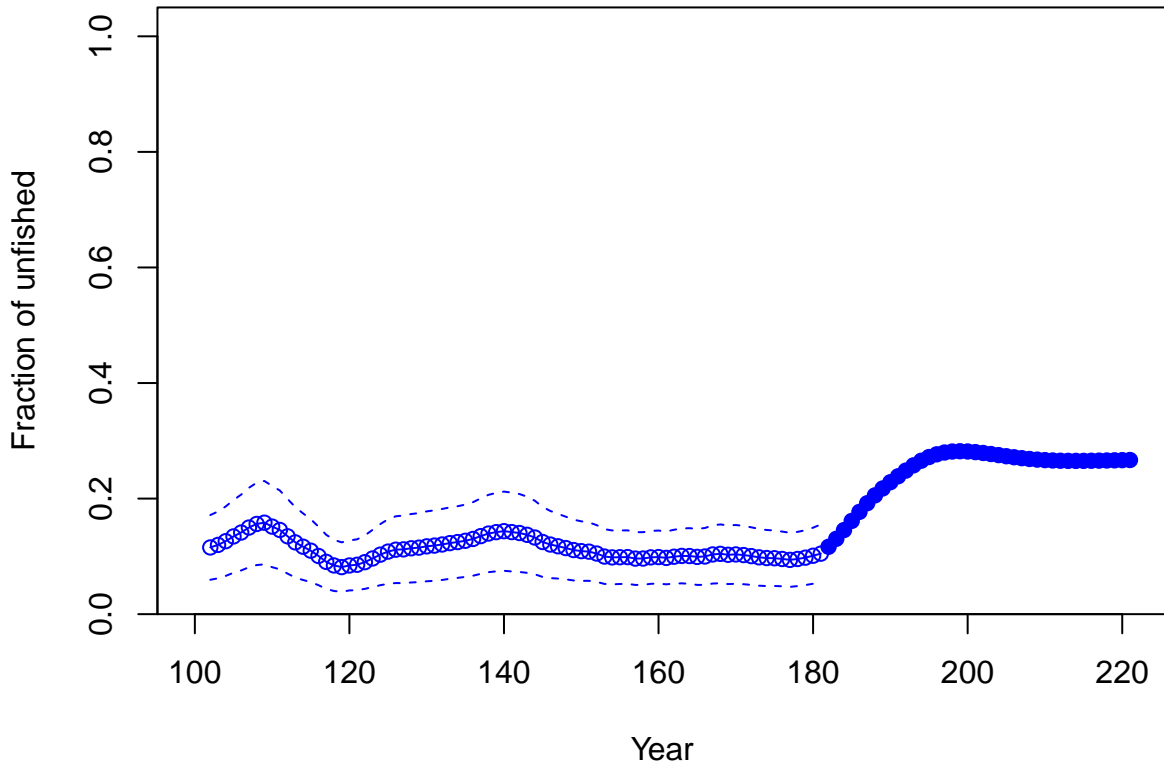
Fraction of unfished with ~95% asymptotic intervals



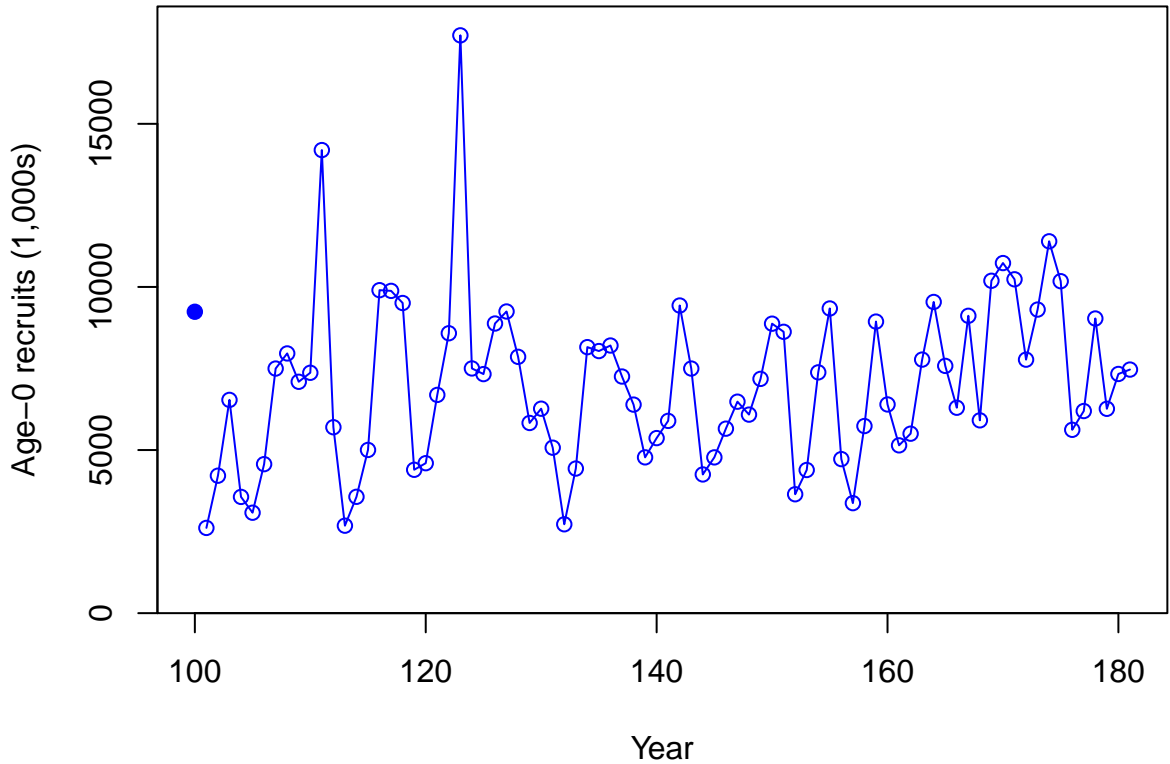
Fraction of unfished with forecast



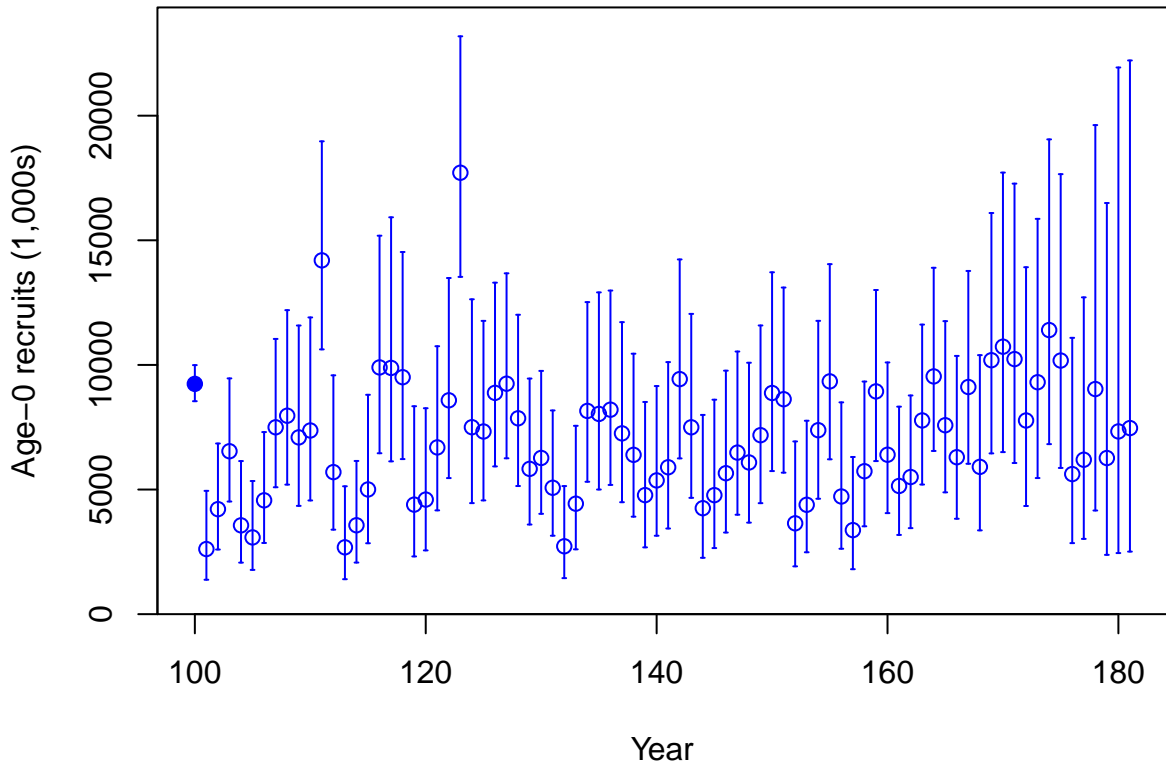
**Fraction of unfished with forecast with ~95% asymptotic intervals**



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

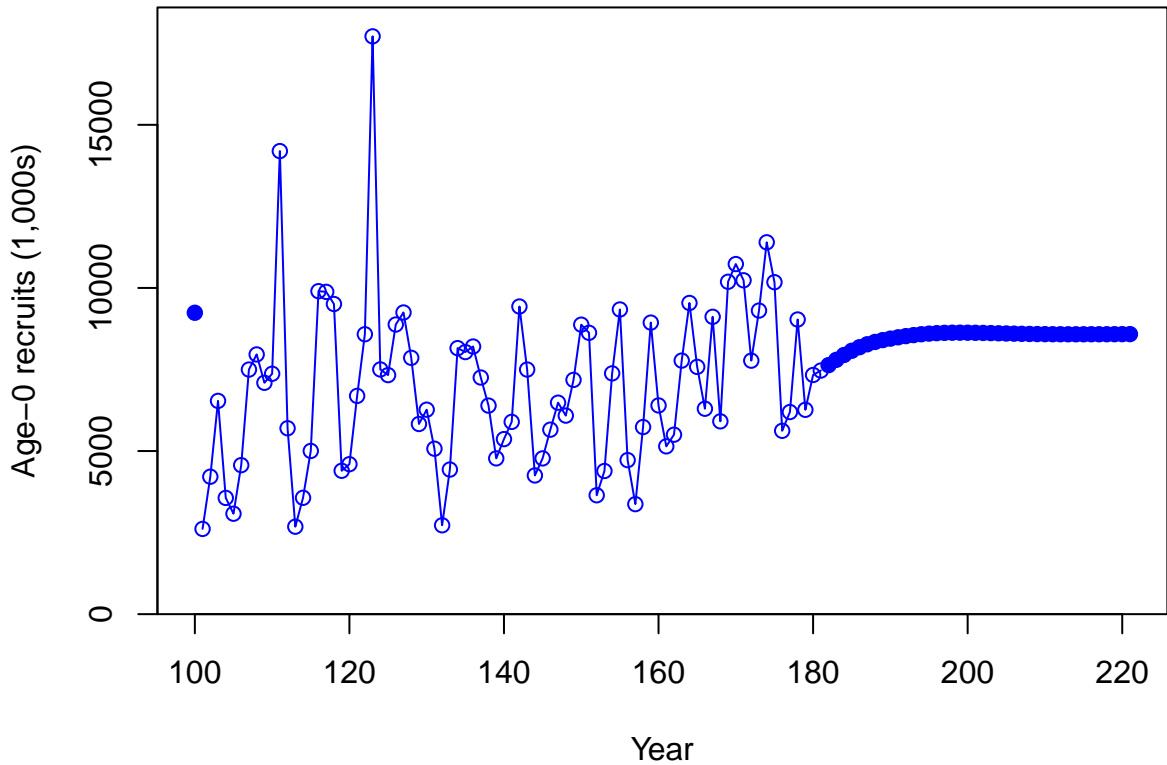


# Age-0 recruits (1,000s) with ~95% asymptotic intervals

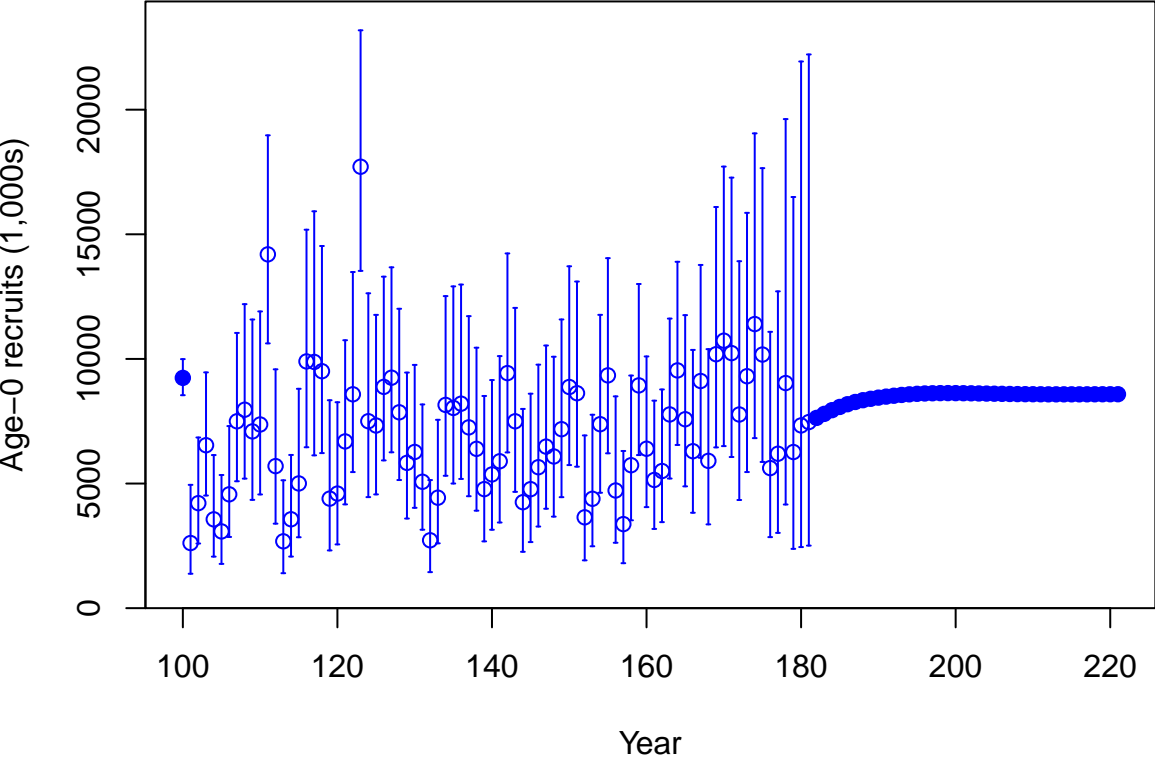




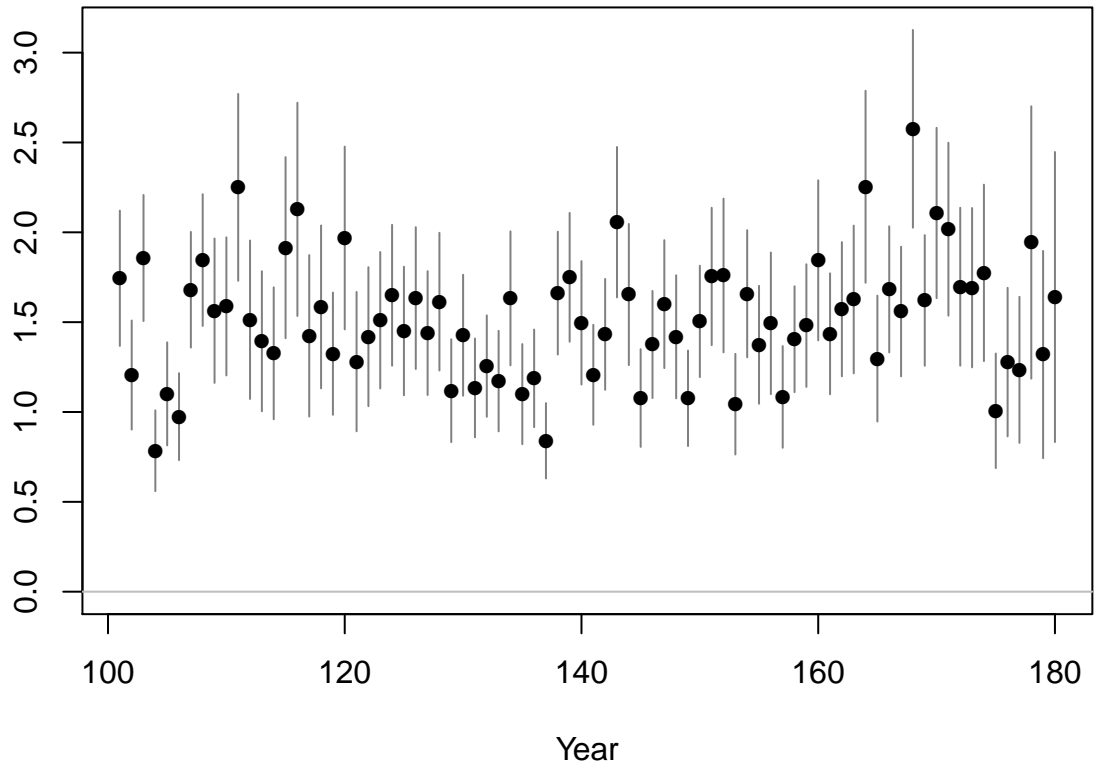
Age-0 recruits (1,000s) with forecast

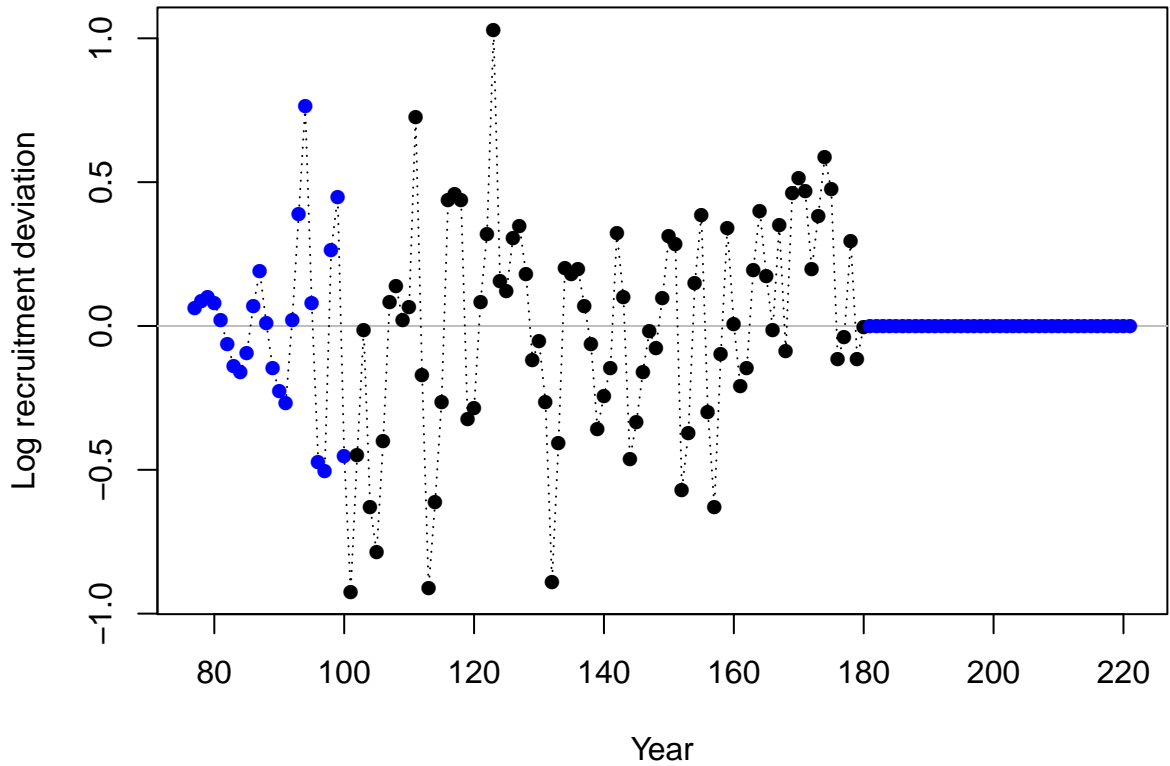


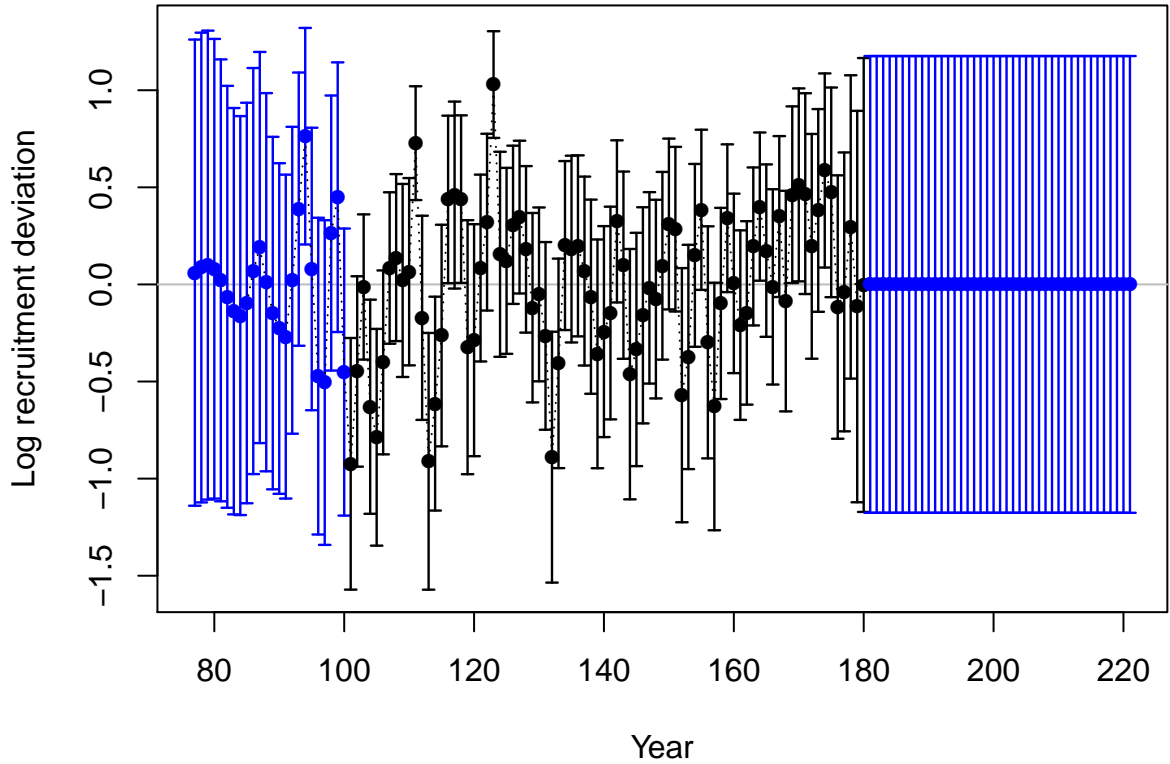
**Age-0 recruits (1,000s) with forecast with ~95% asymptotic intervals**



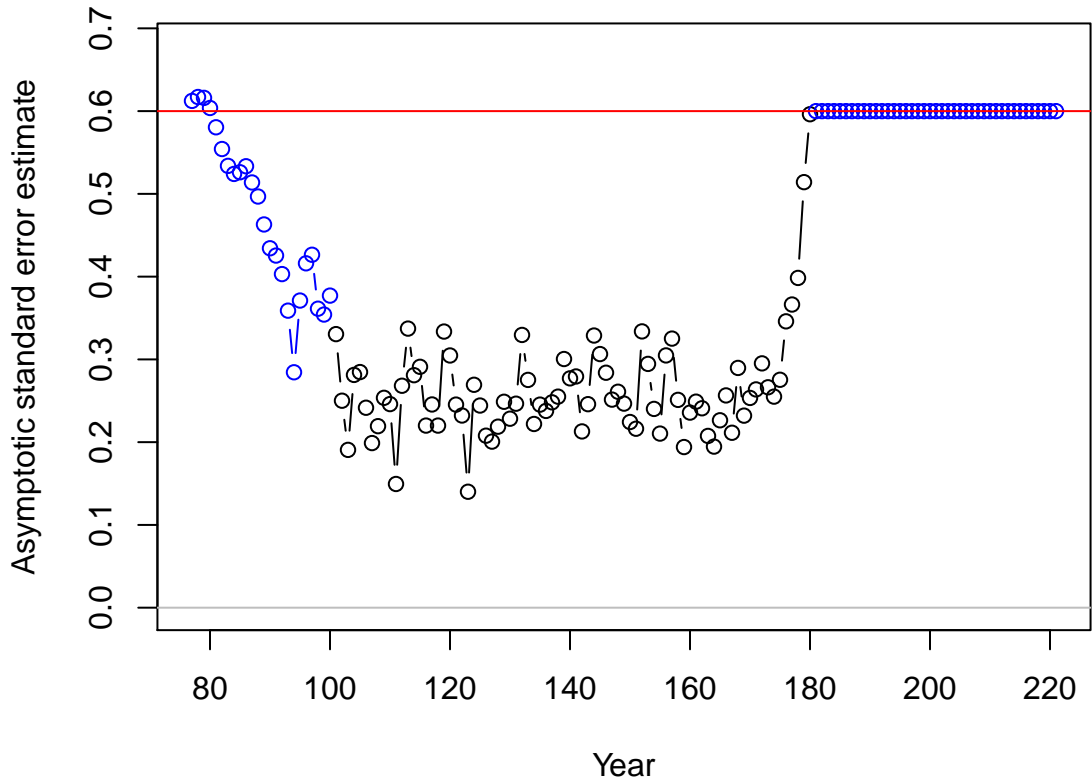
Summary Fishing Mortality

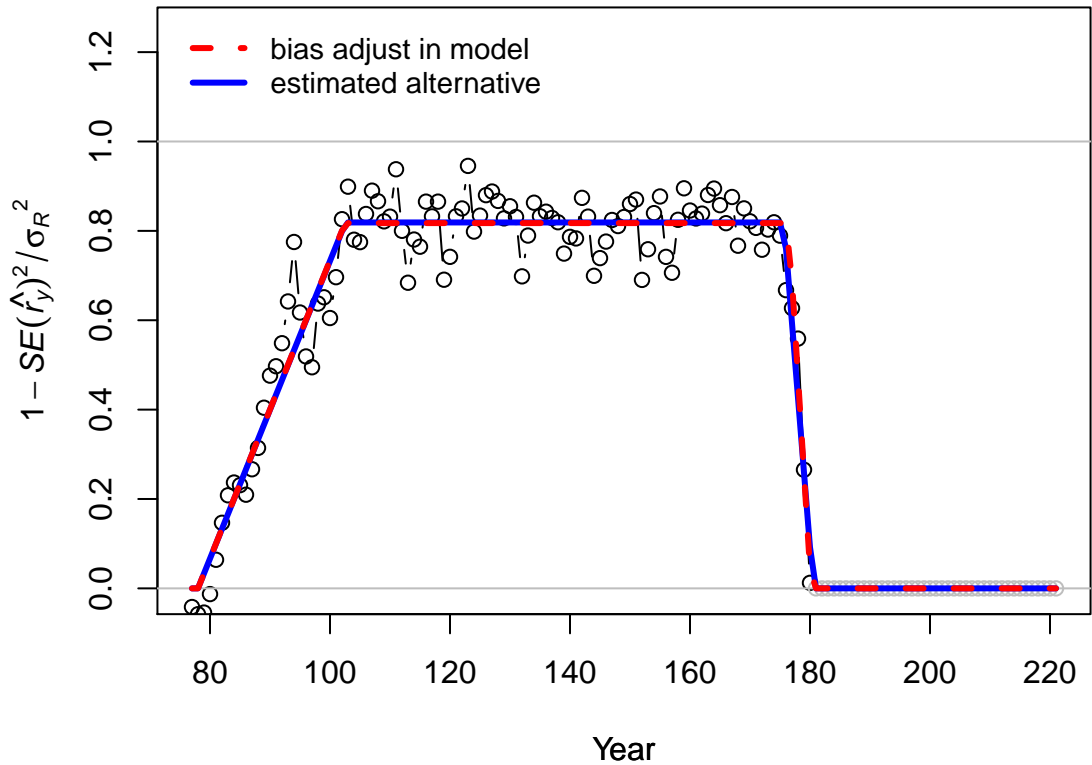


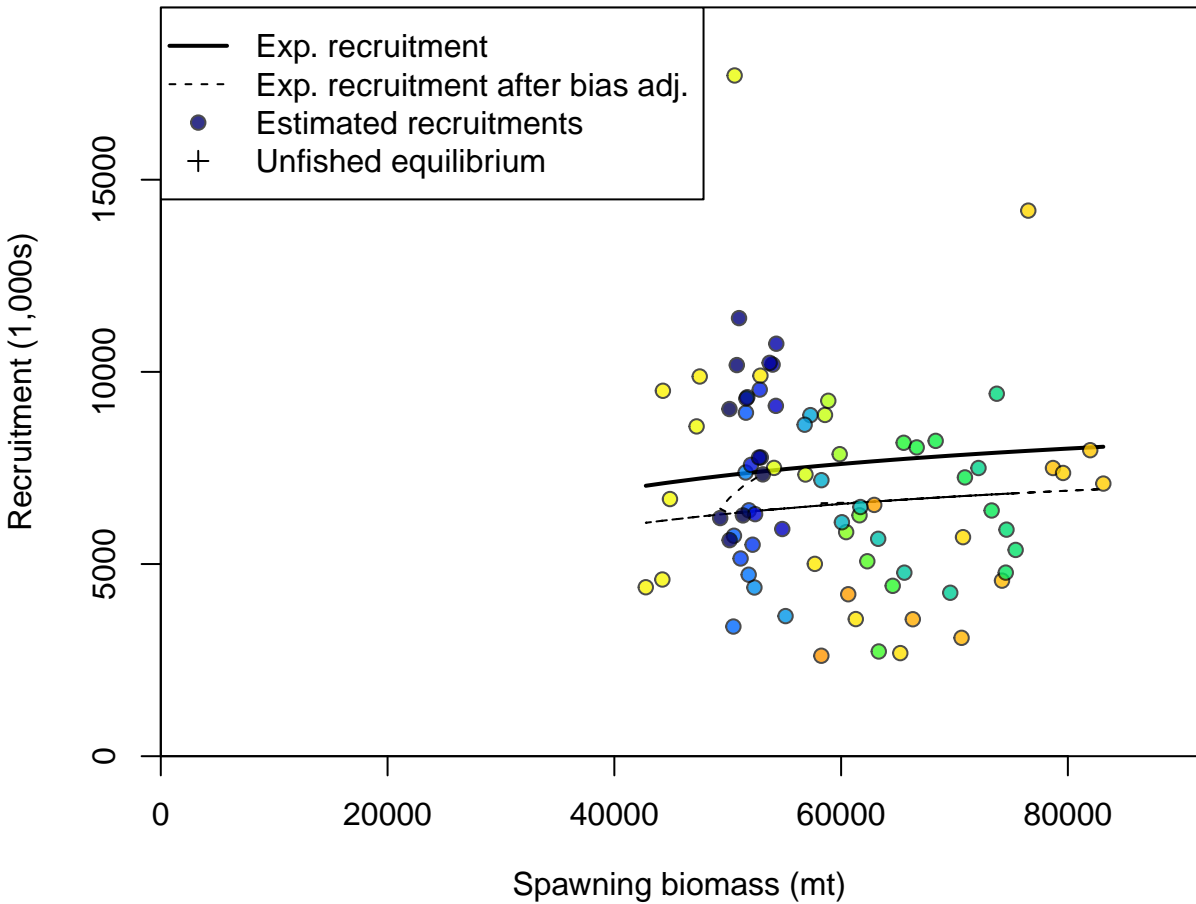




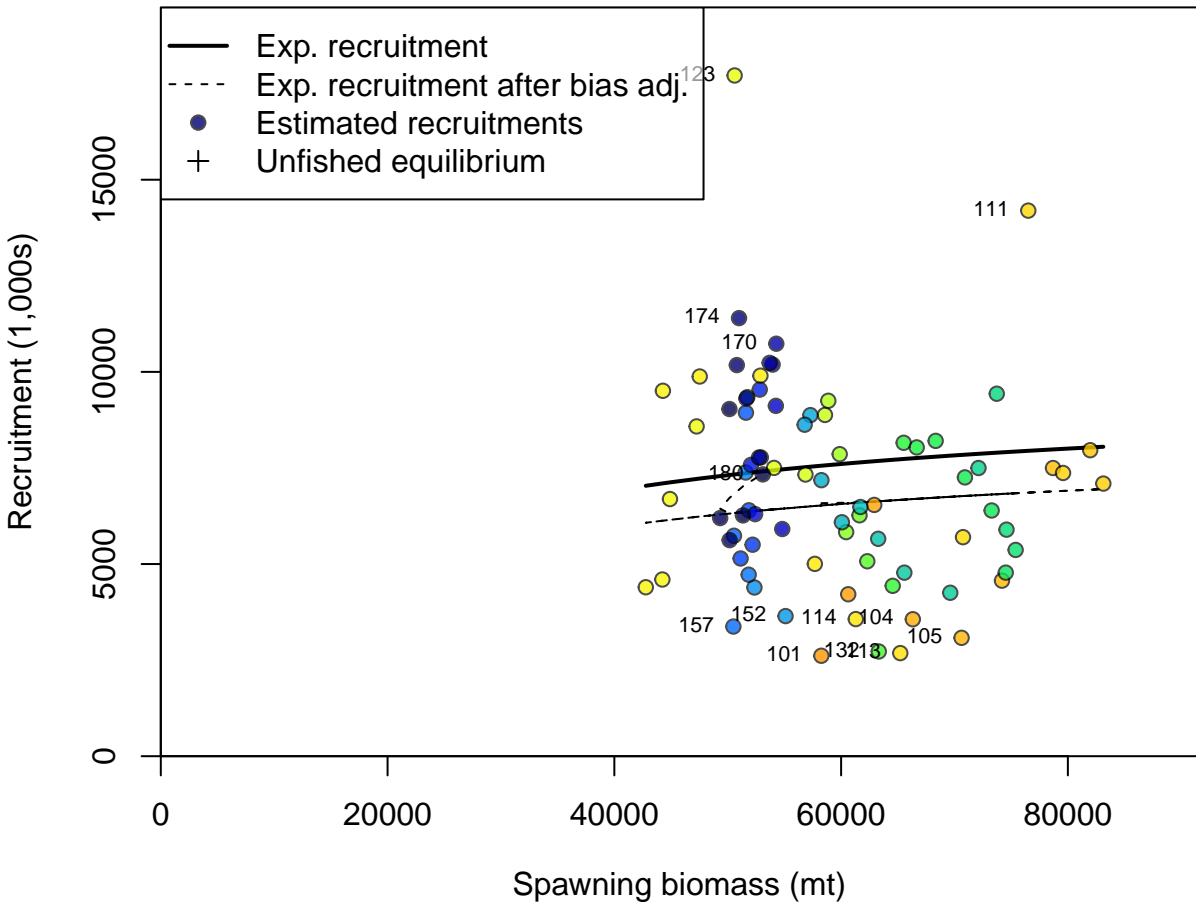
# Recruitment deviation variance

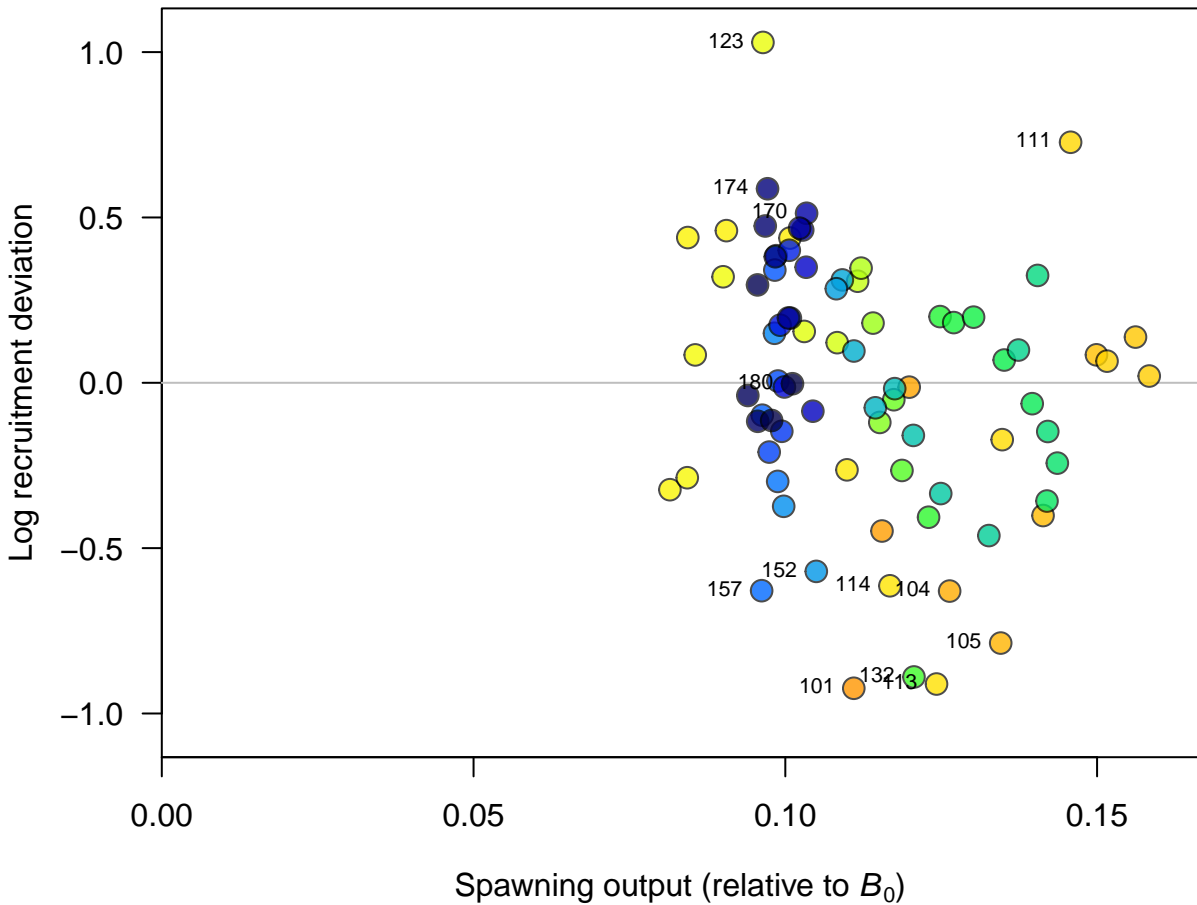


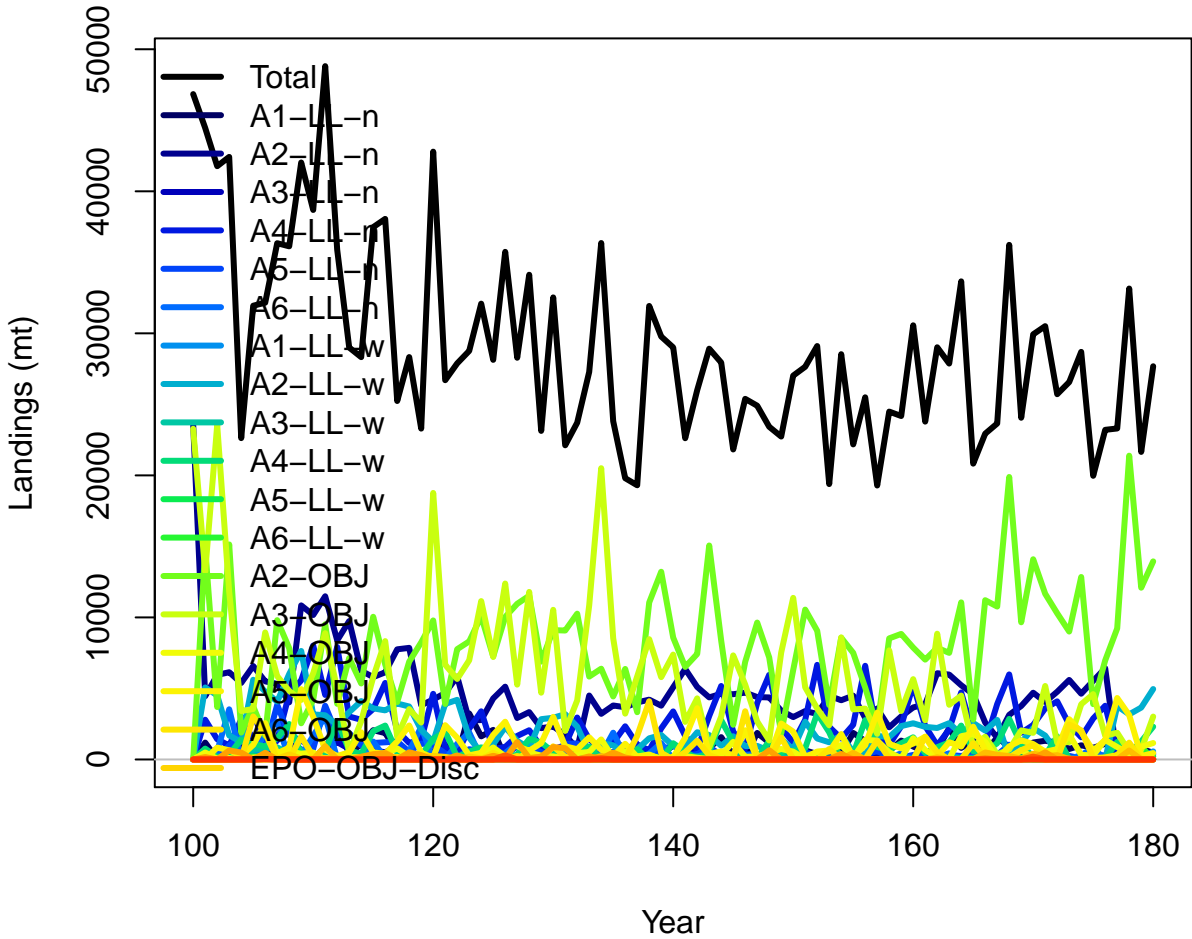


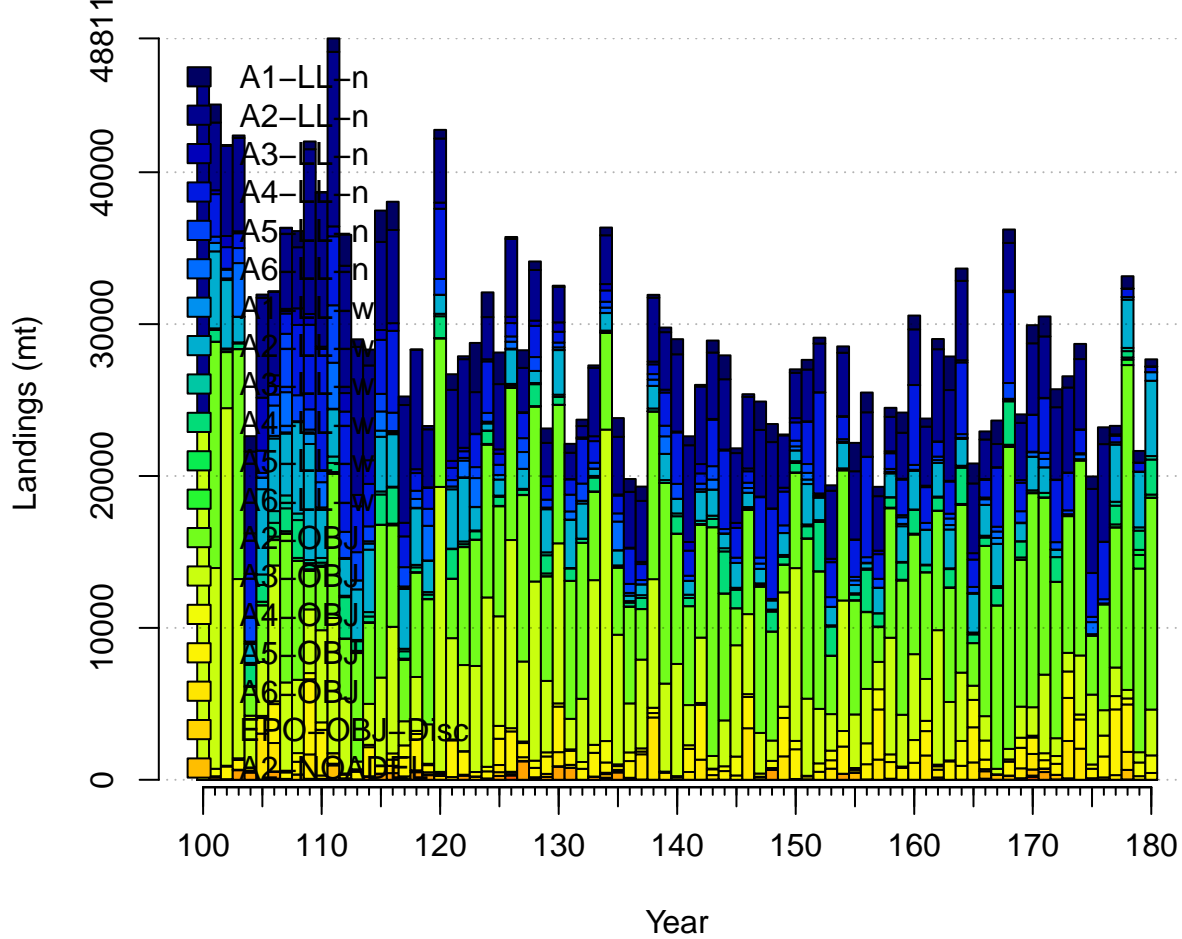












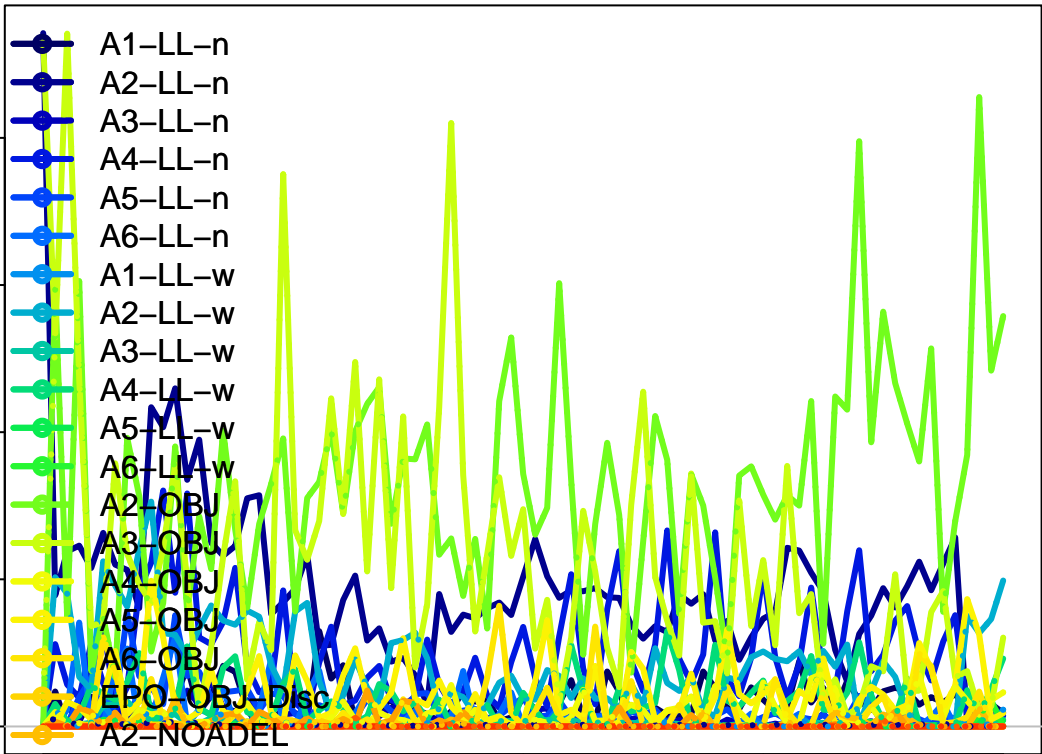
Observed and expected Landings (mt)

20000  
15000  
10000  
5000  
0

100 120 140 160 180

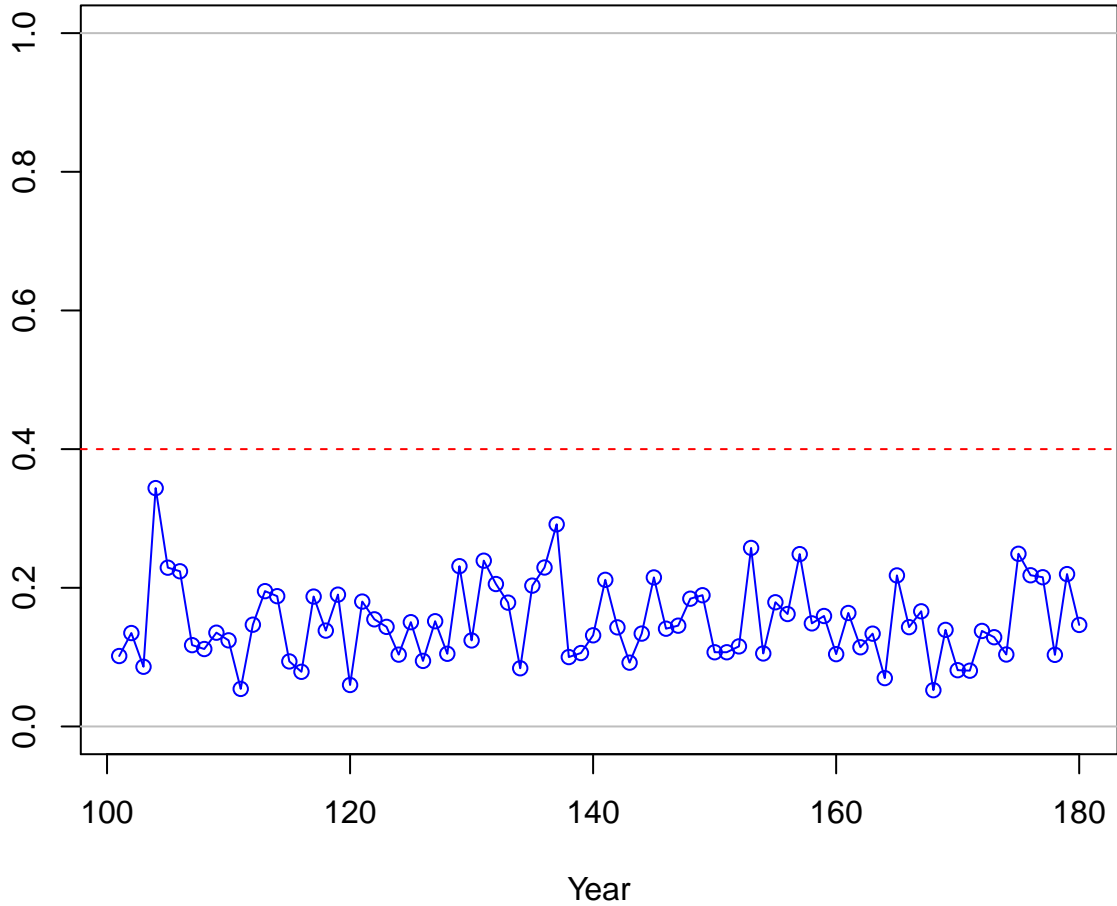
Year

- 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

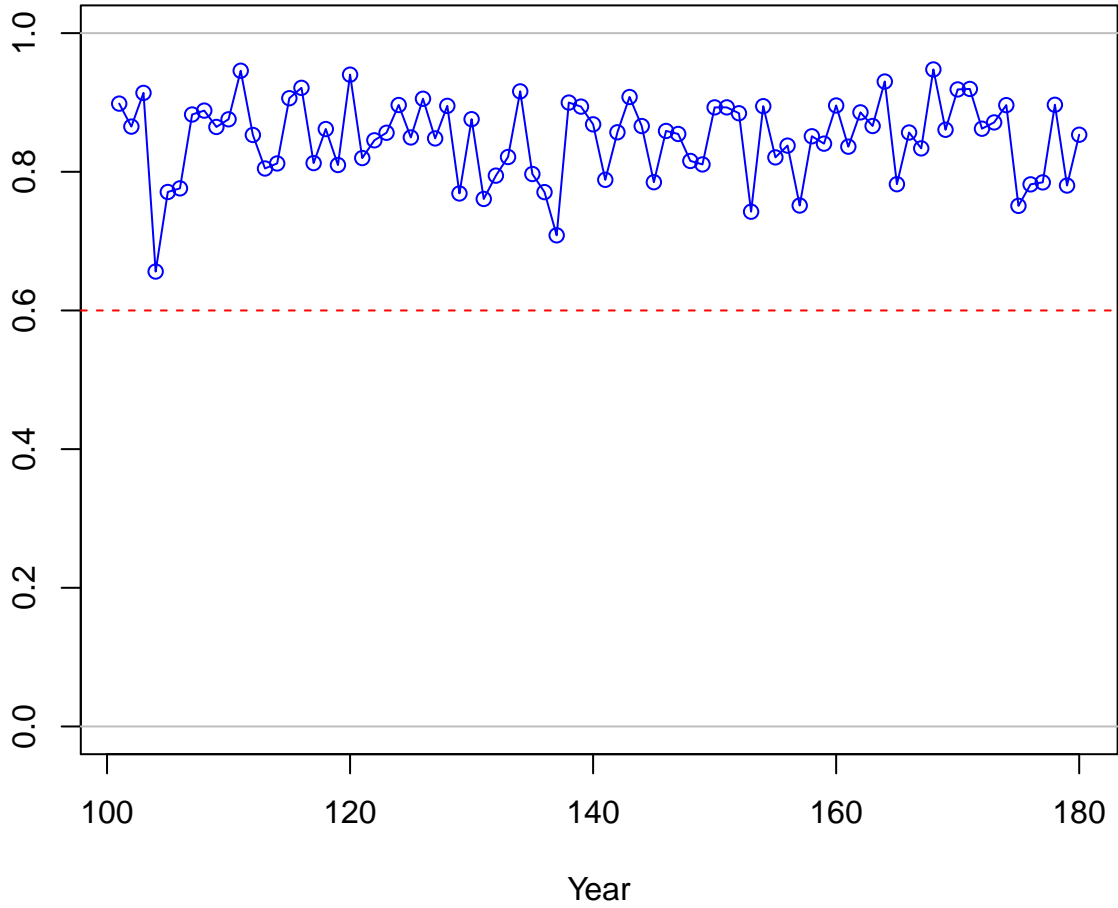




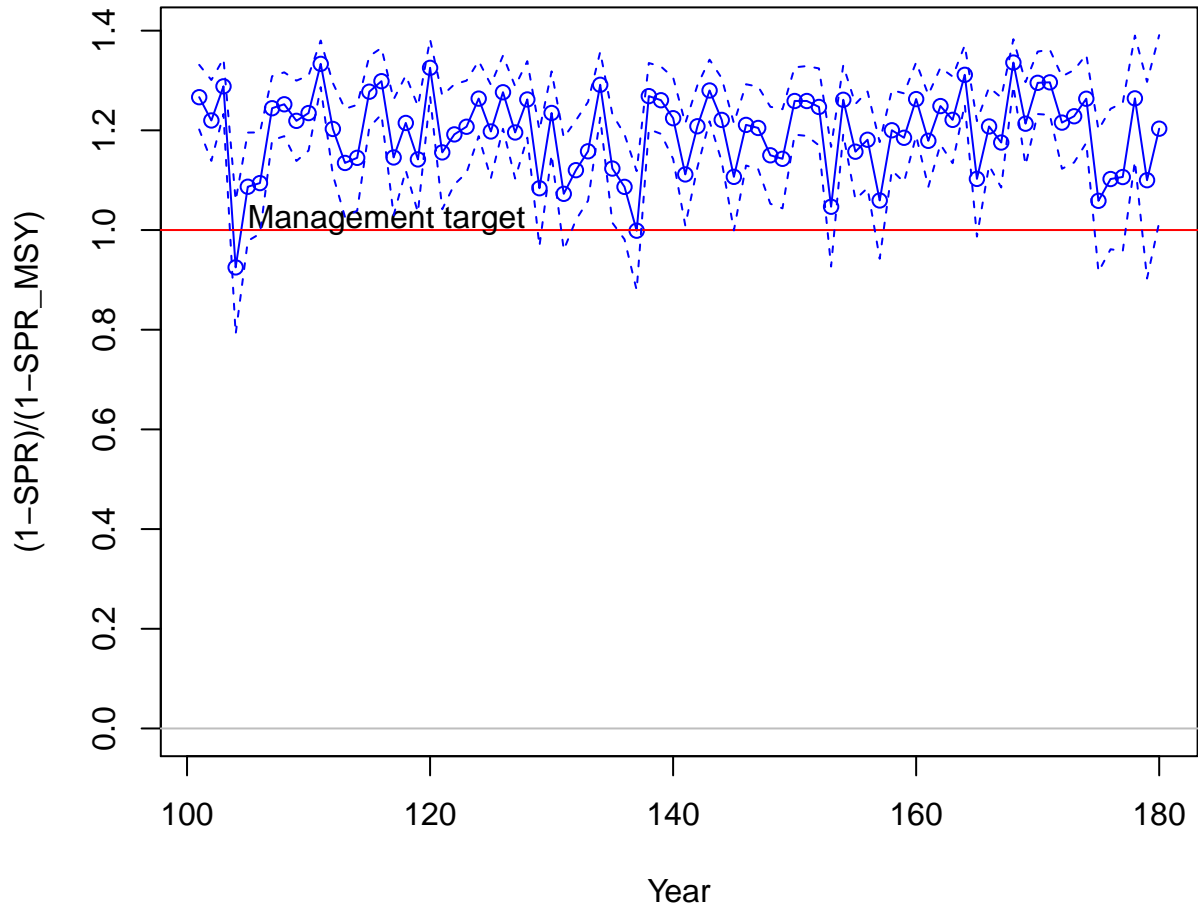
SPR

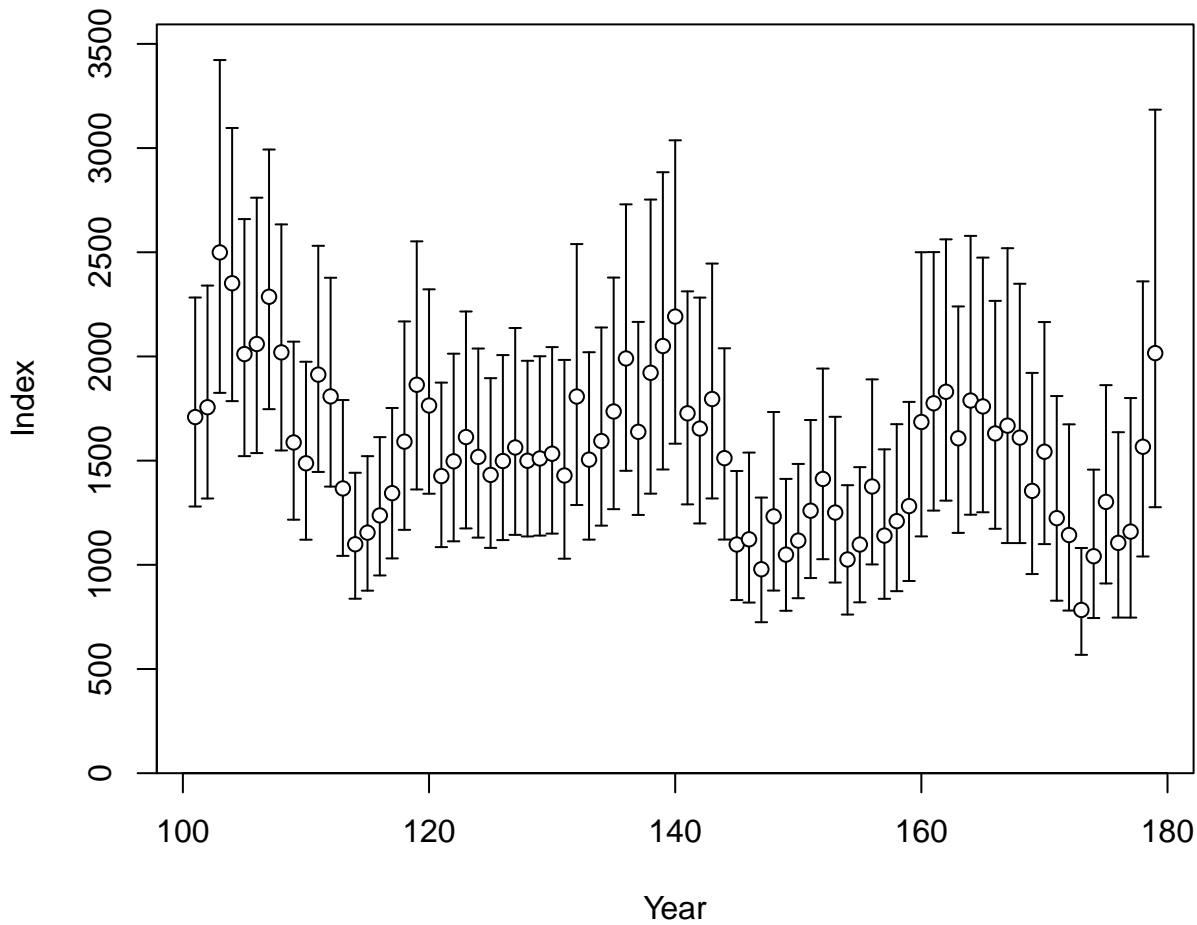


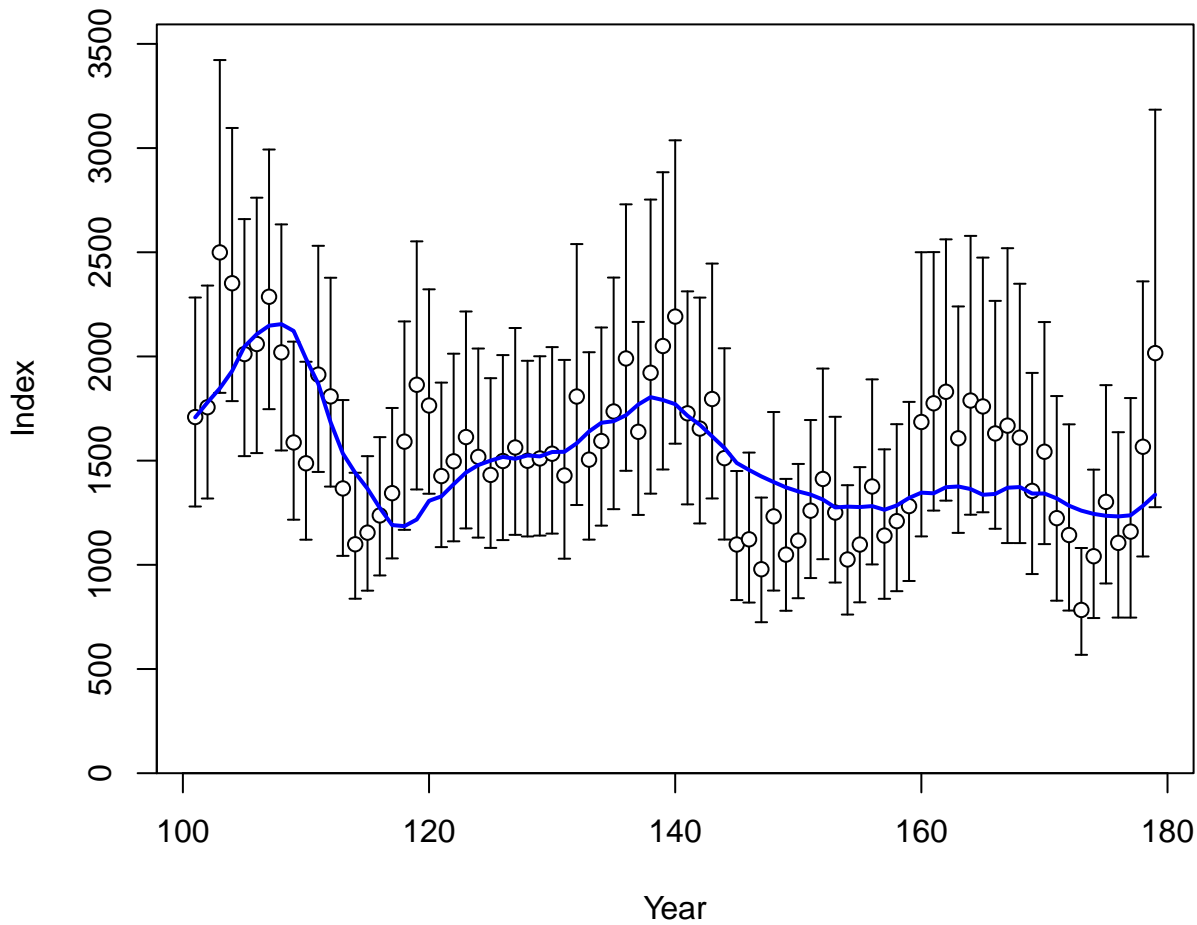
1-SPR



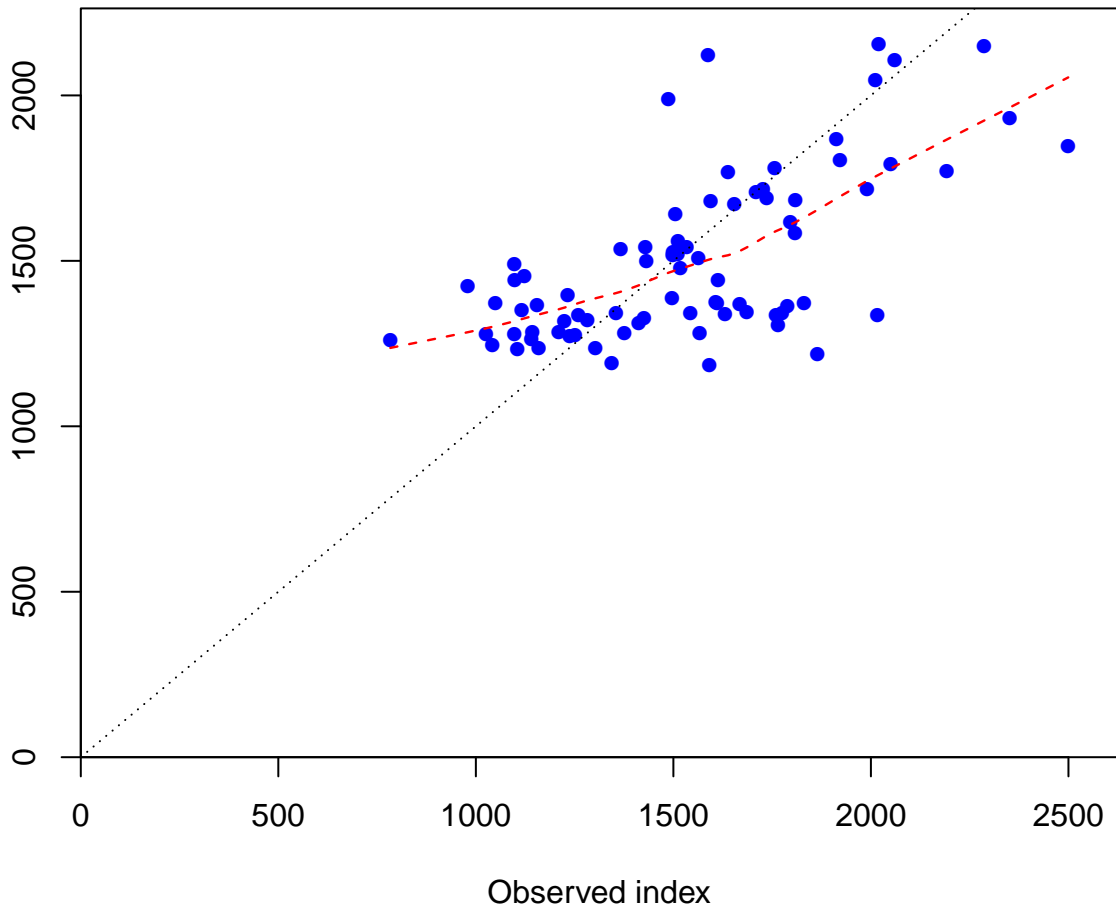


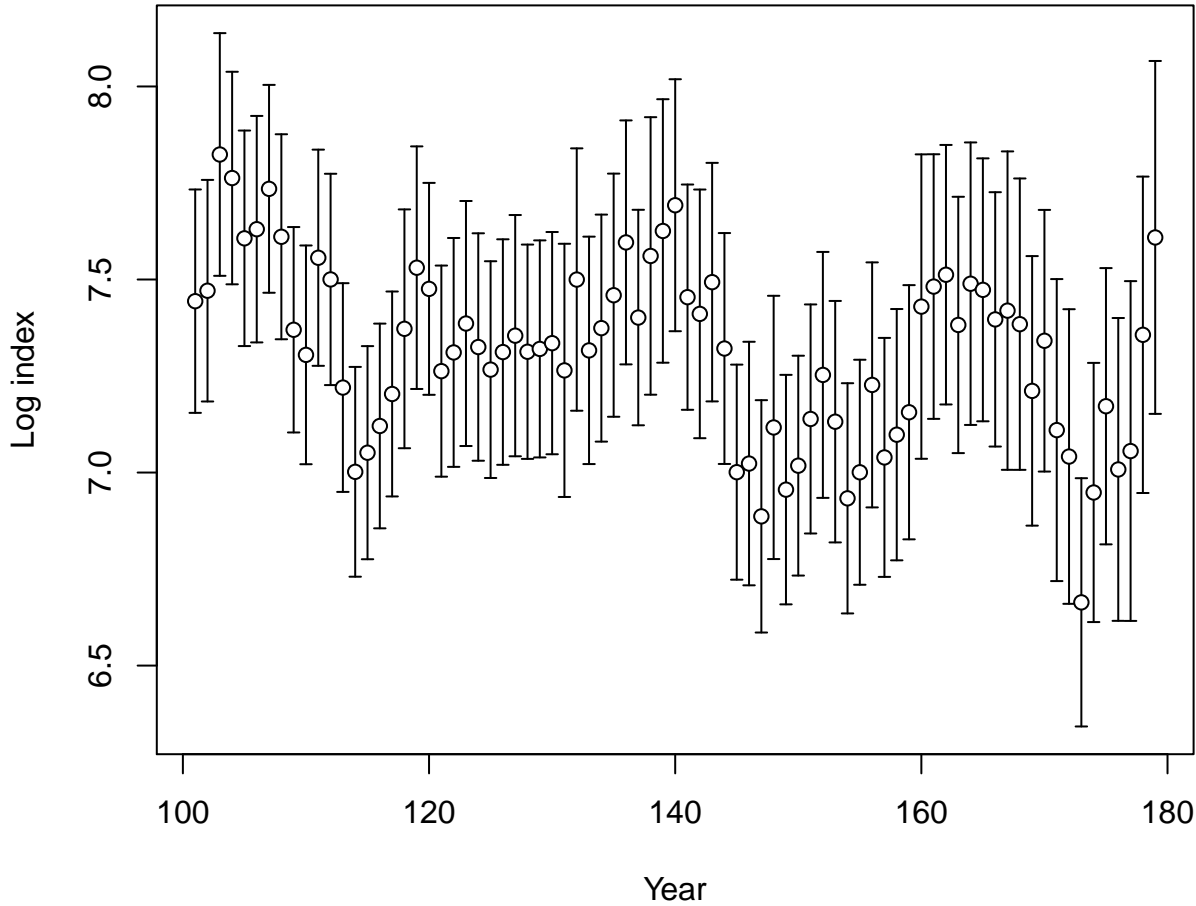






Expected index





Log index

8.0

7.5

7.0

6.5

100

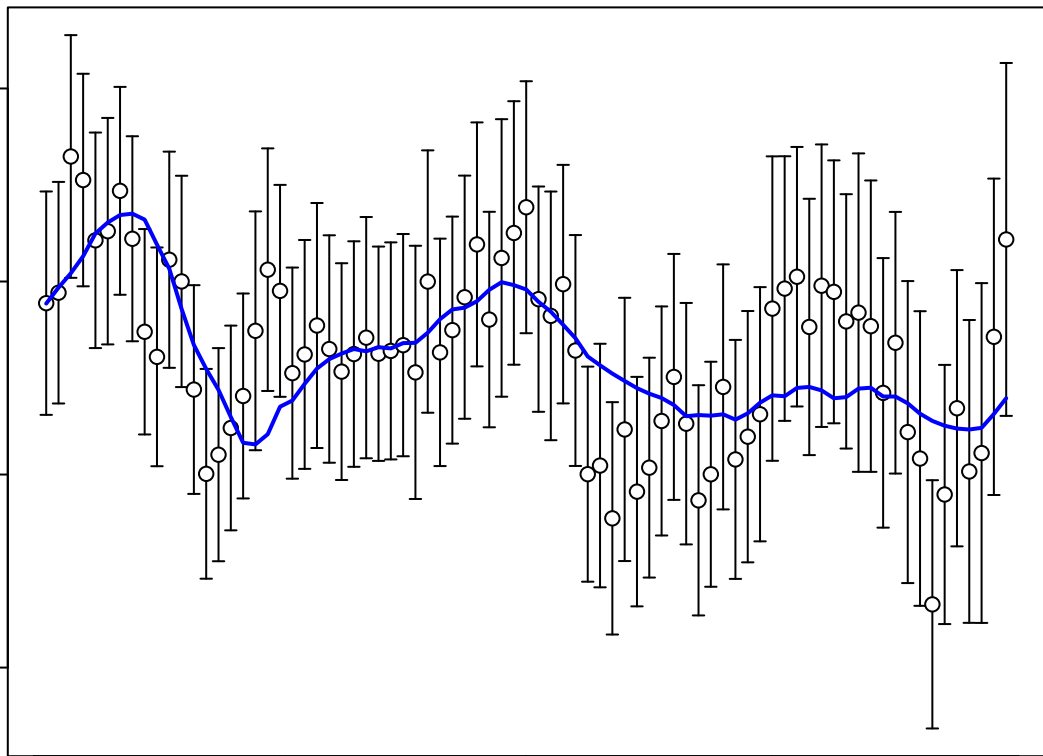
120

140

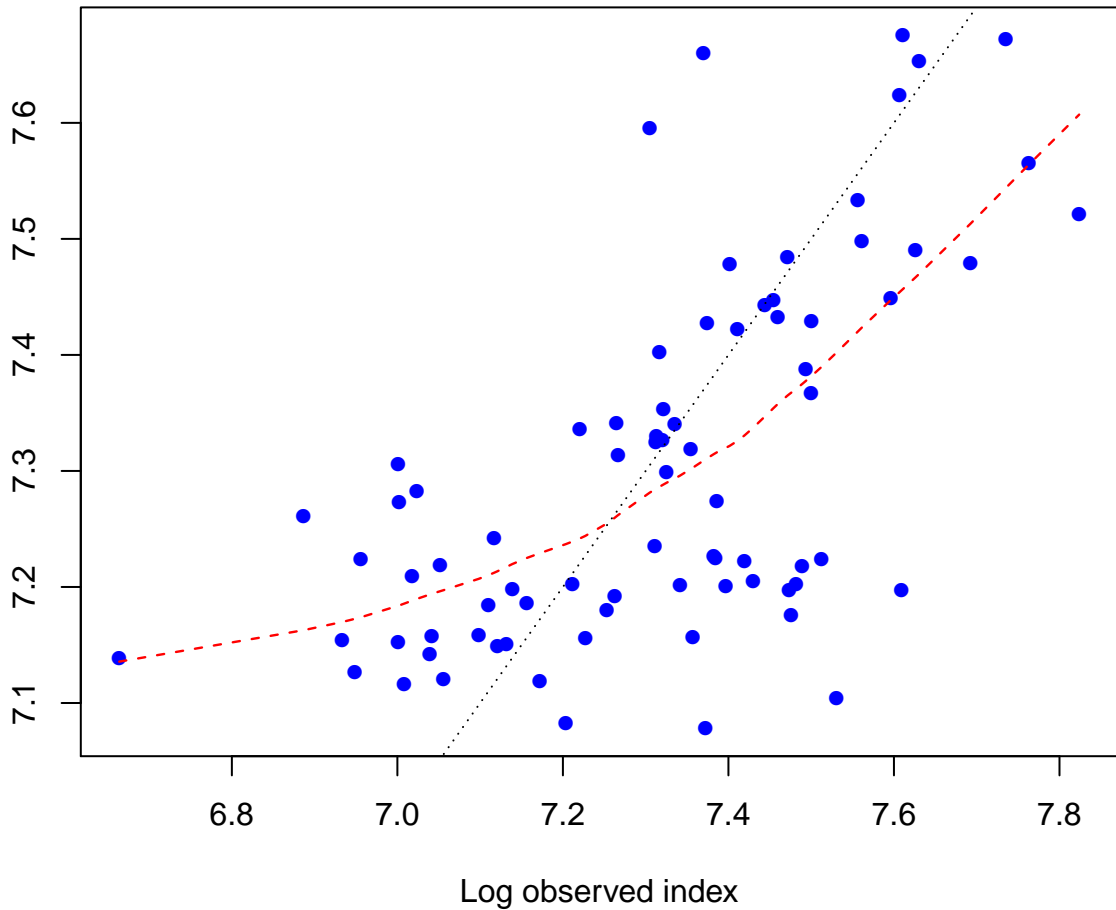
160

180

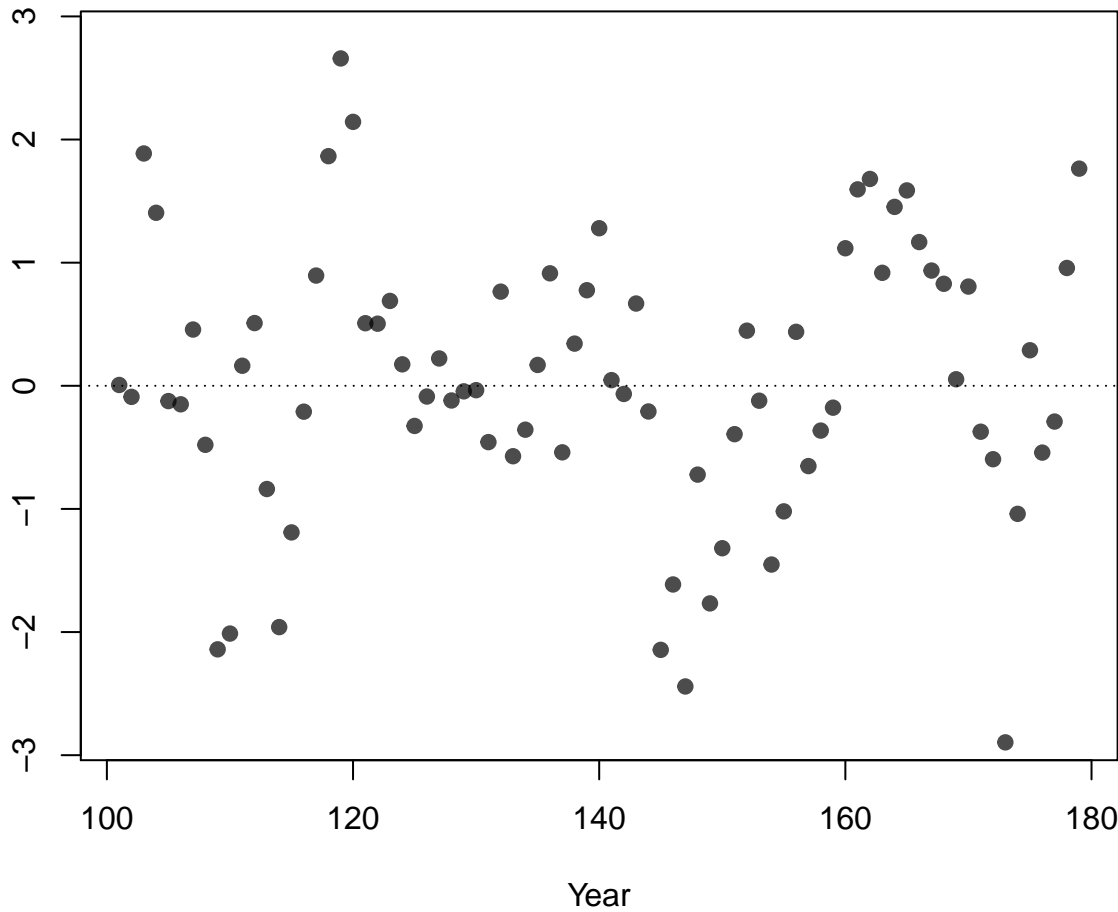
Year



Log expected index

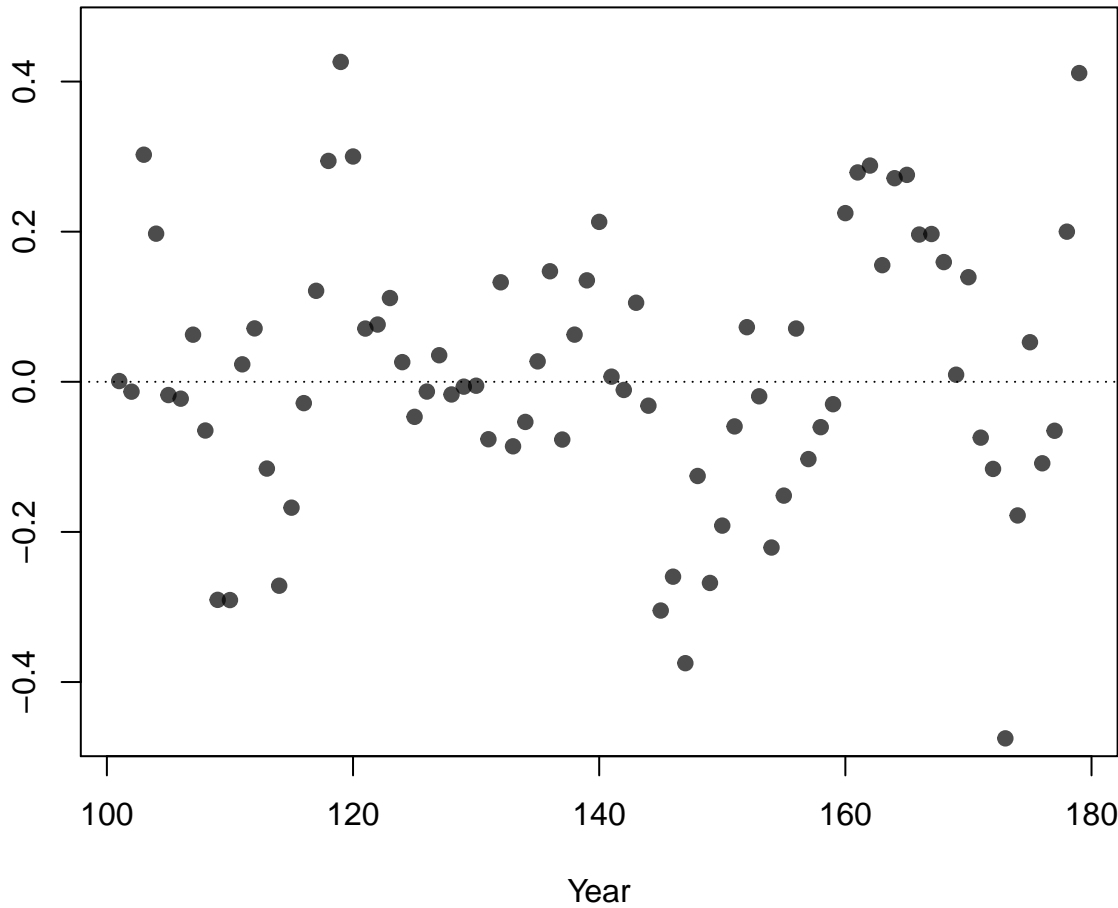


Residual





Deviation



Standardized index

1.6  
1.4  
1.2  
1.0  
0.8  
0.6

100

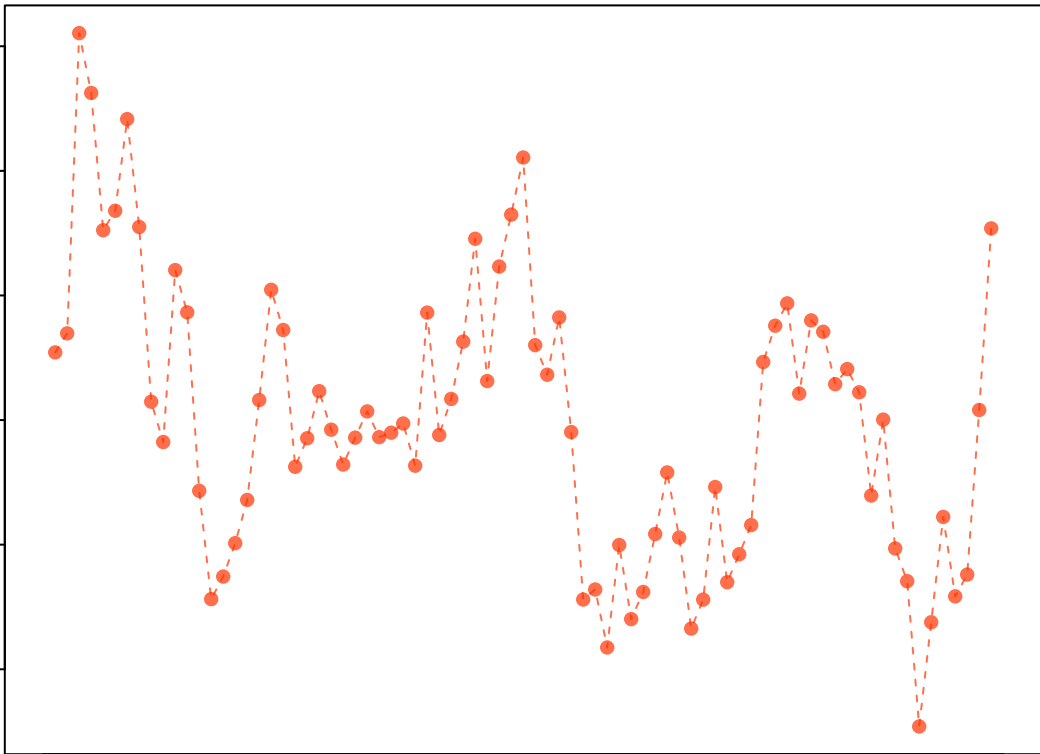
120

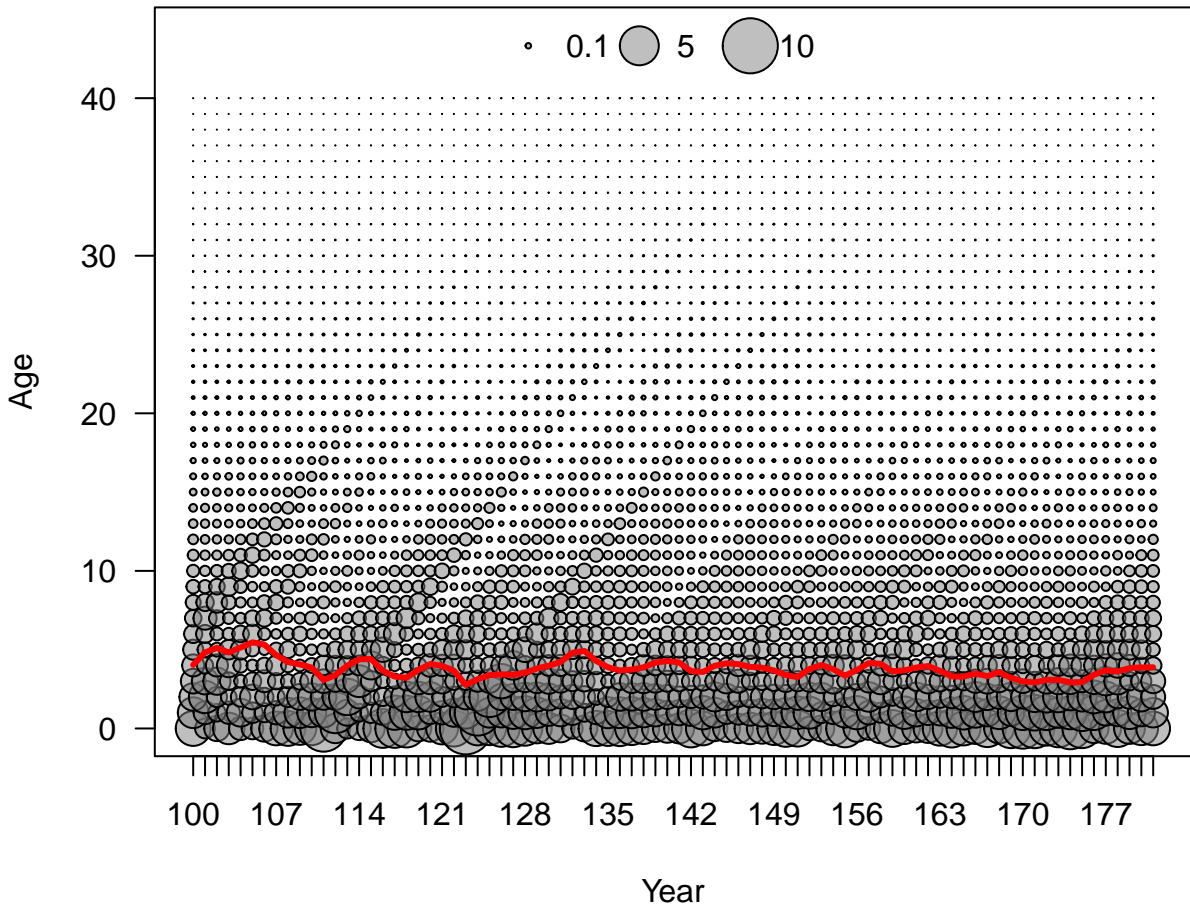
140

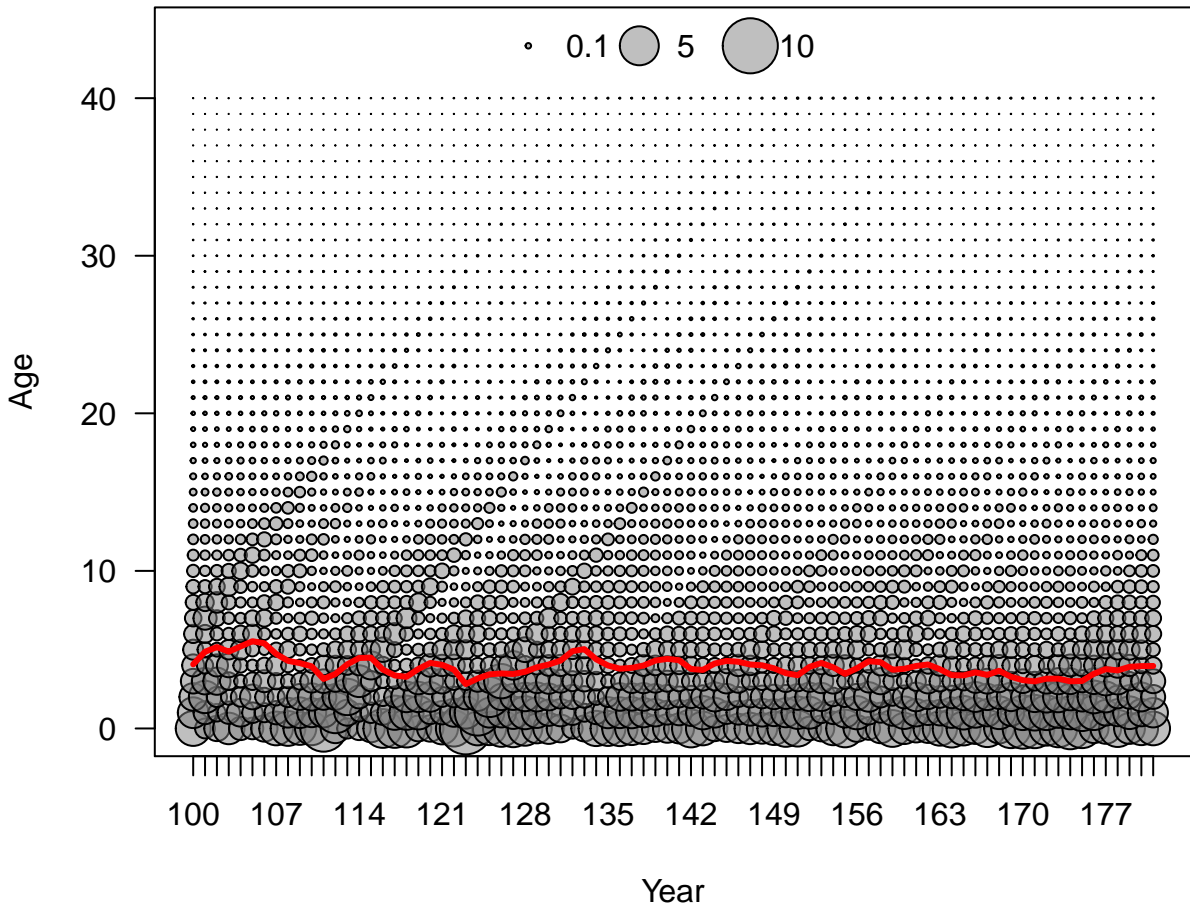
160

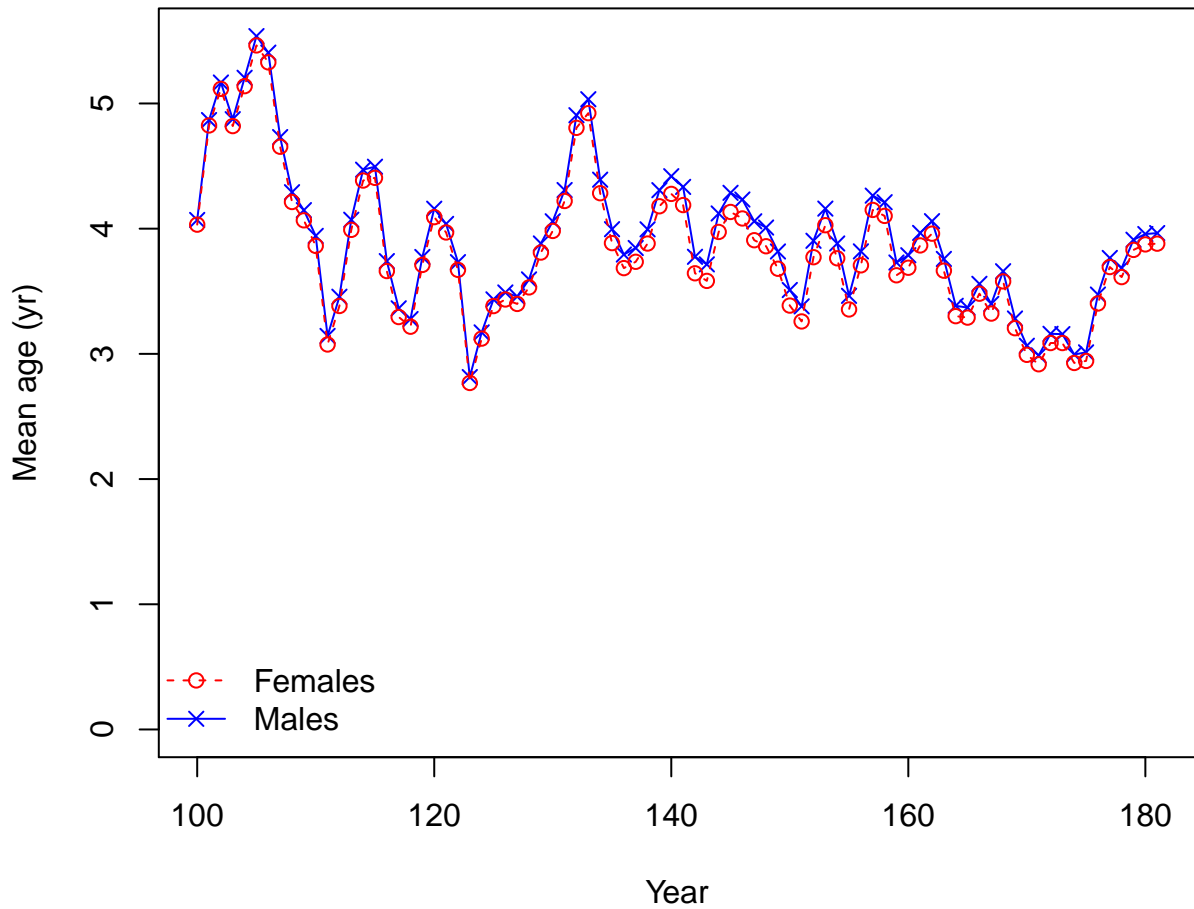
180

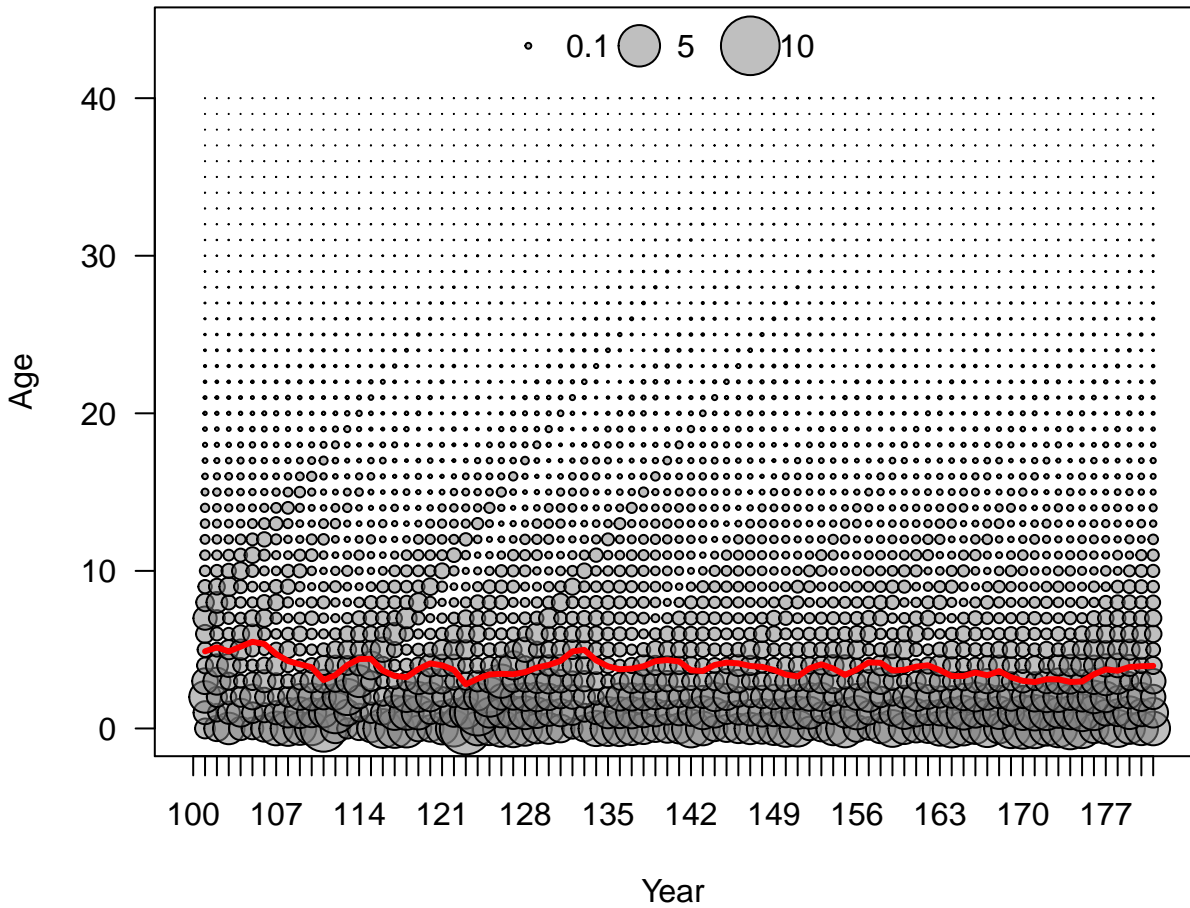
Year











Age

• 0.1    ● 5    ● 10

40

30

20

10

0

100

107

114

121

128

135

142

149

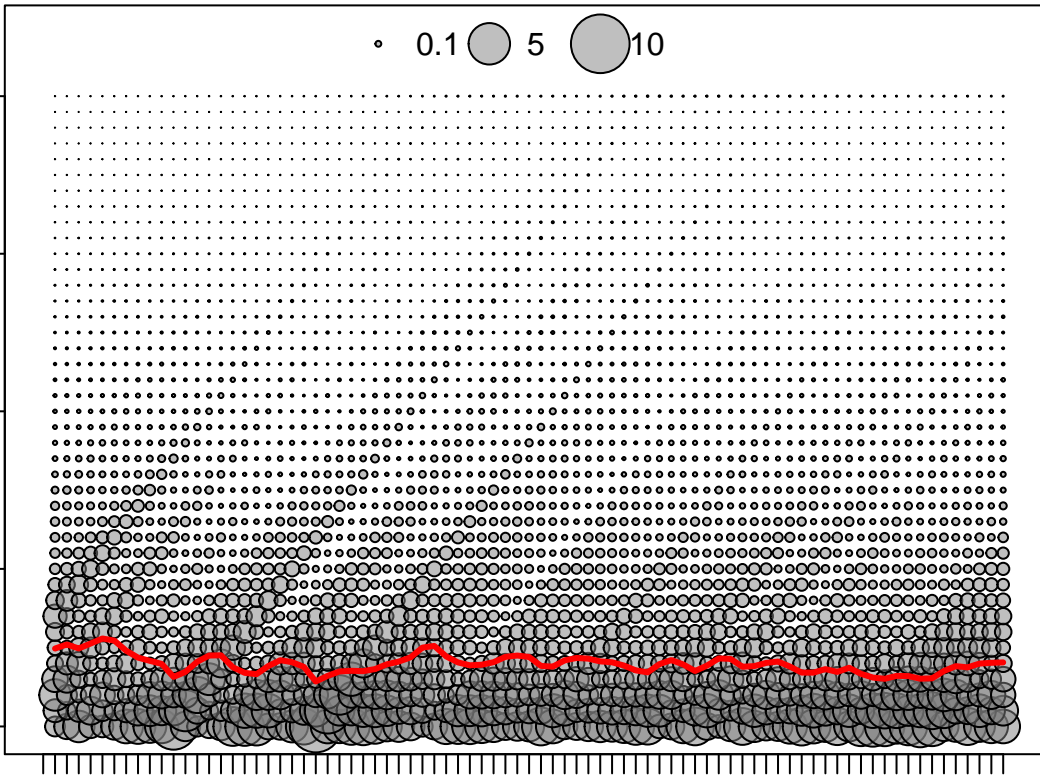
156

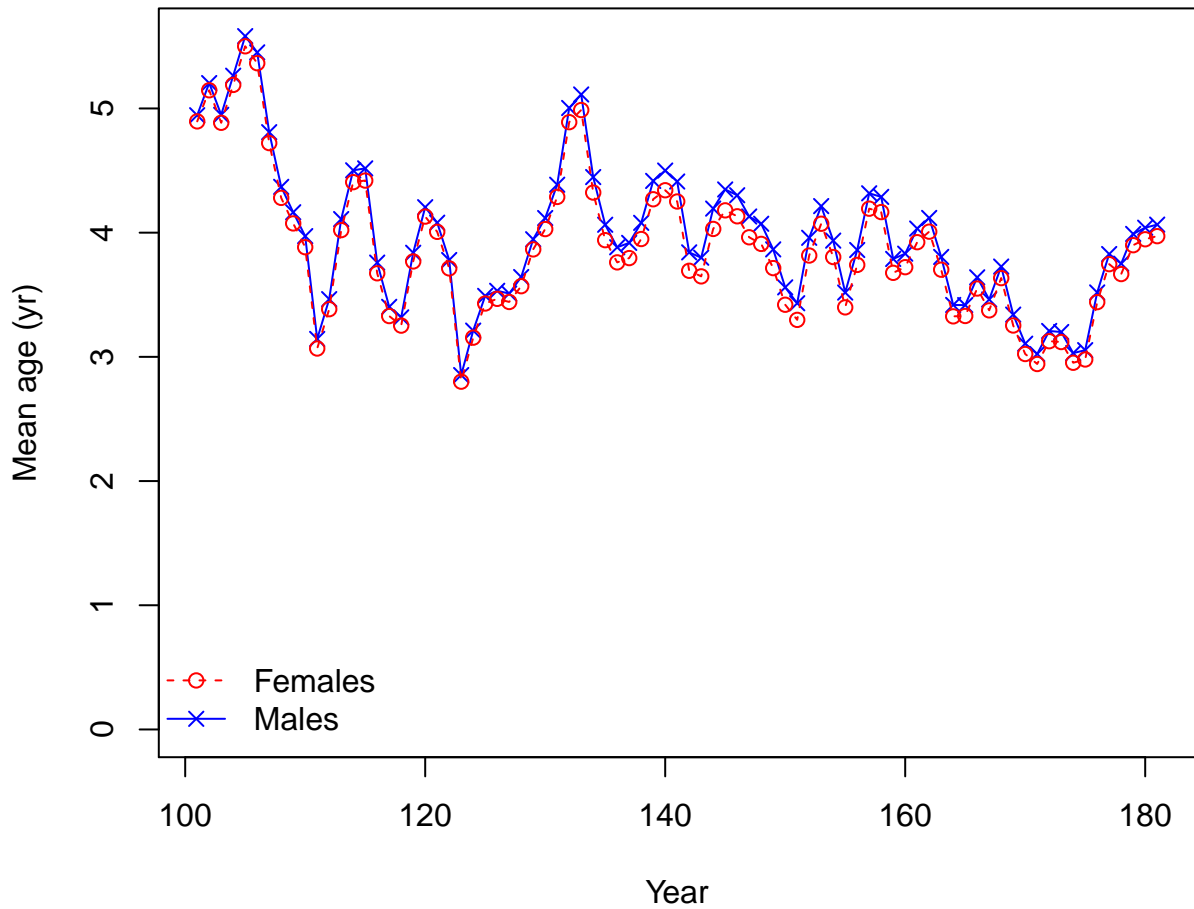
163

170

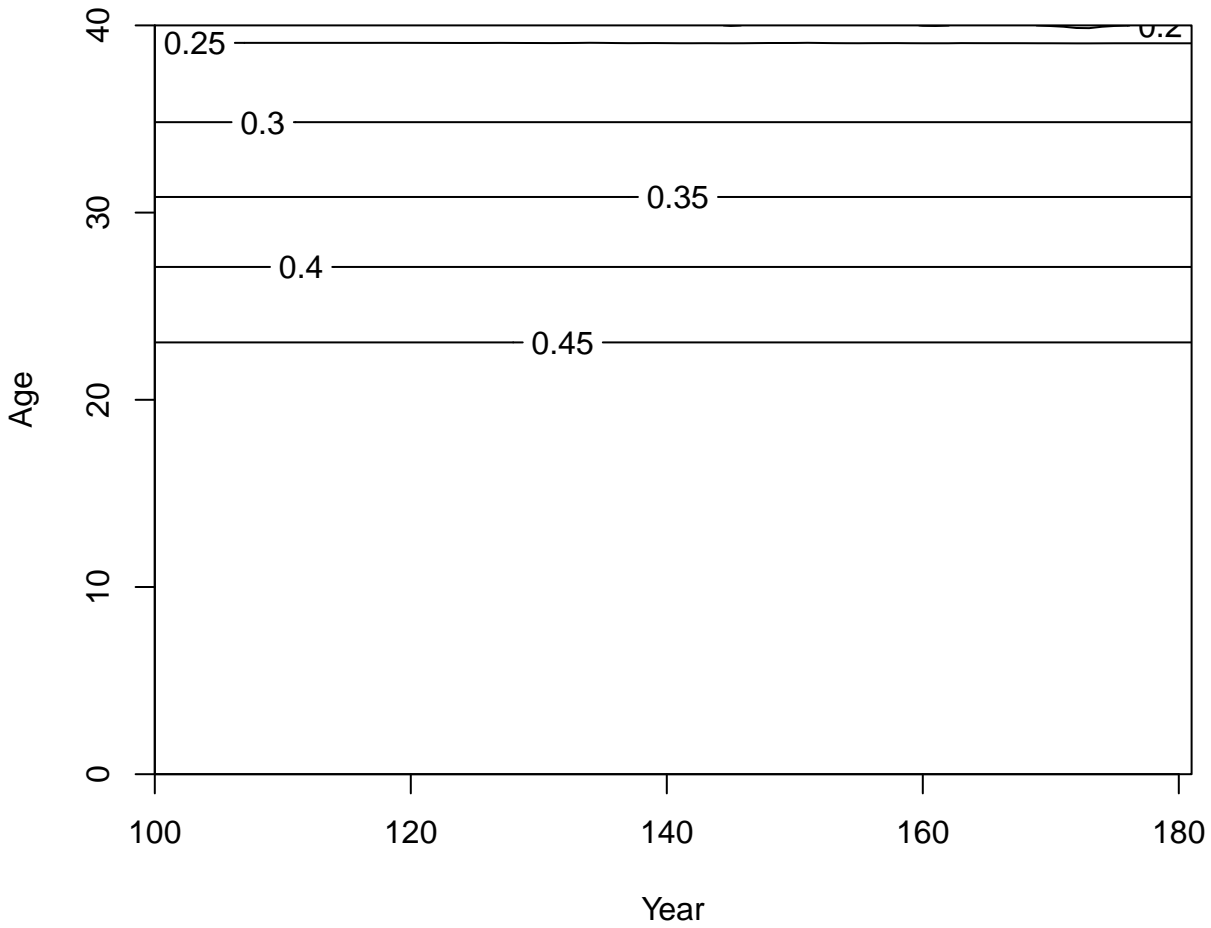
177

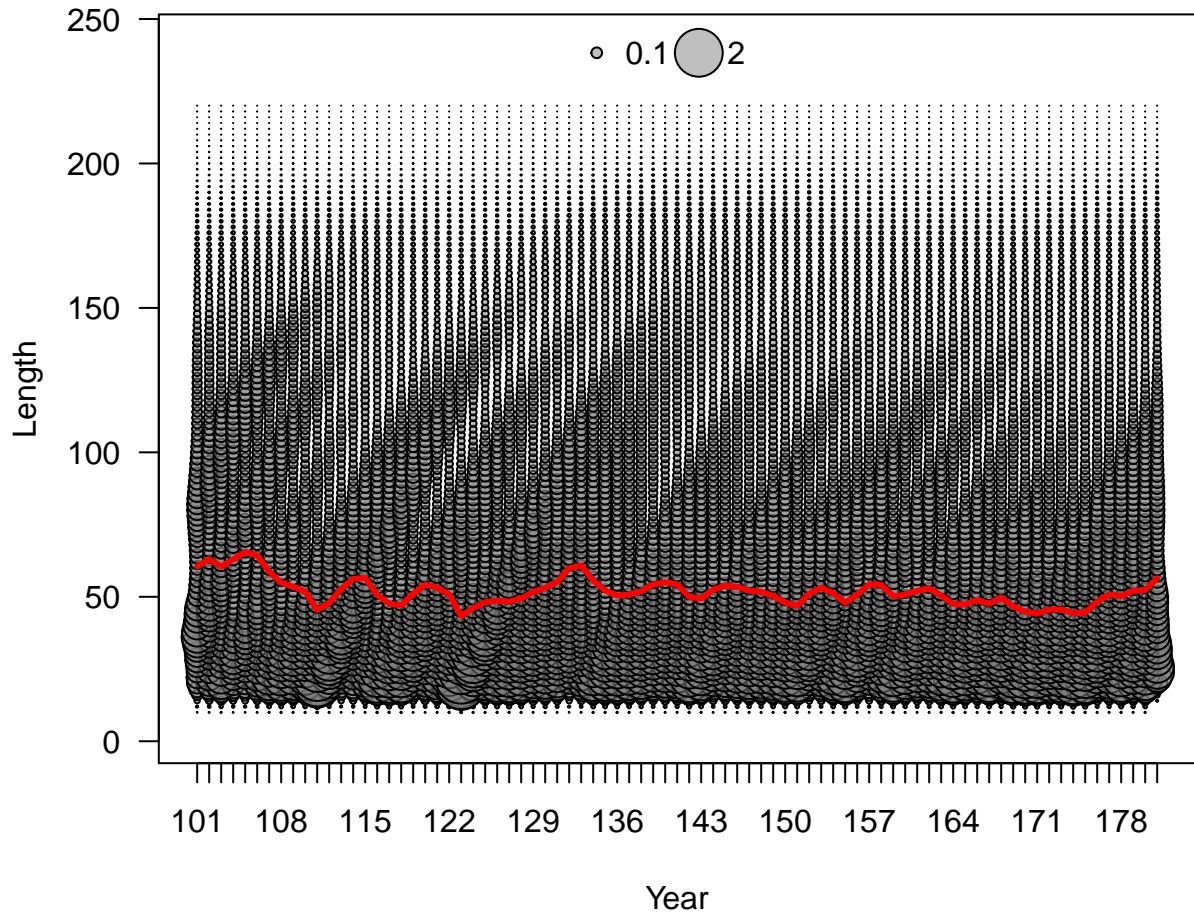
Year

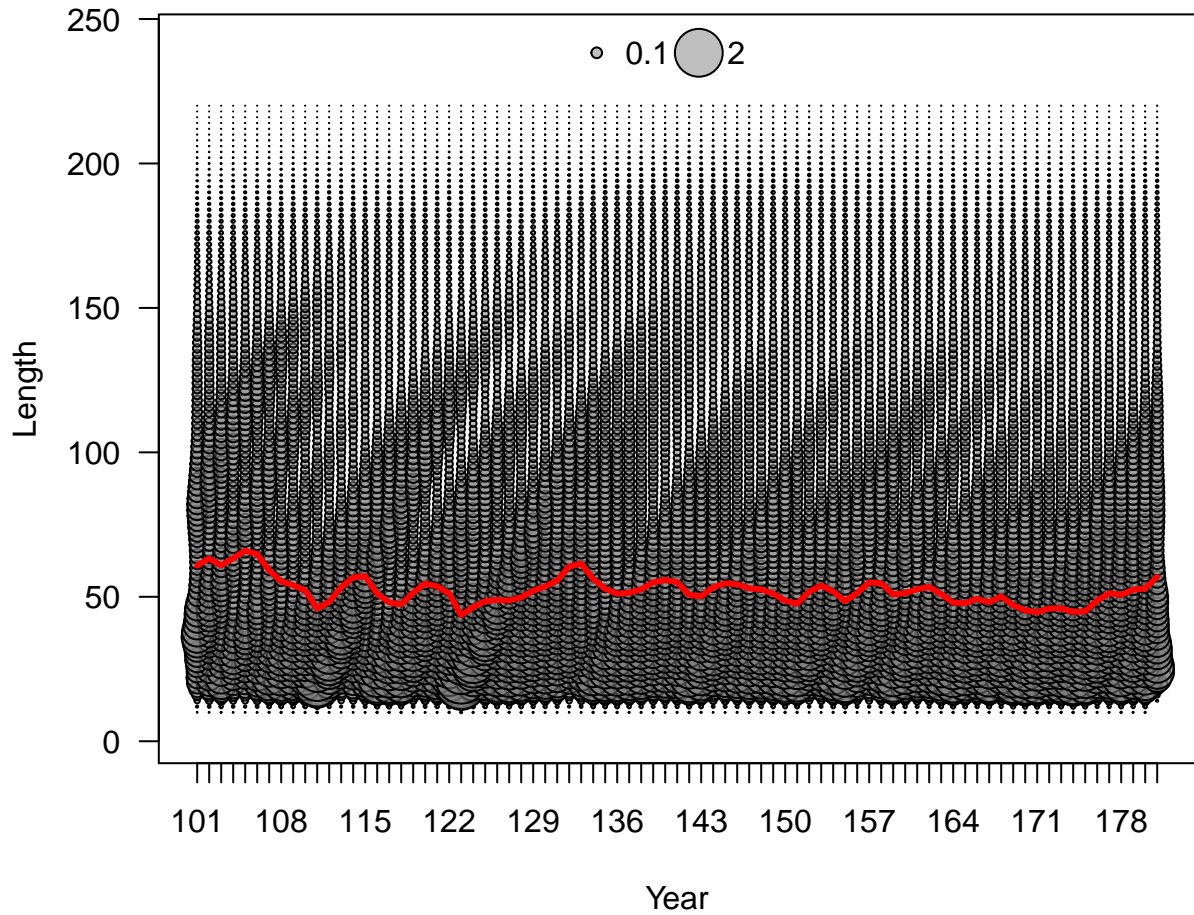


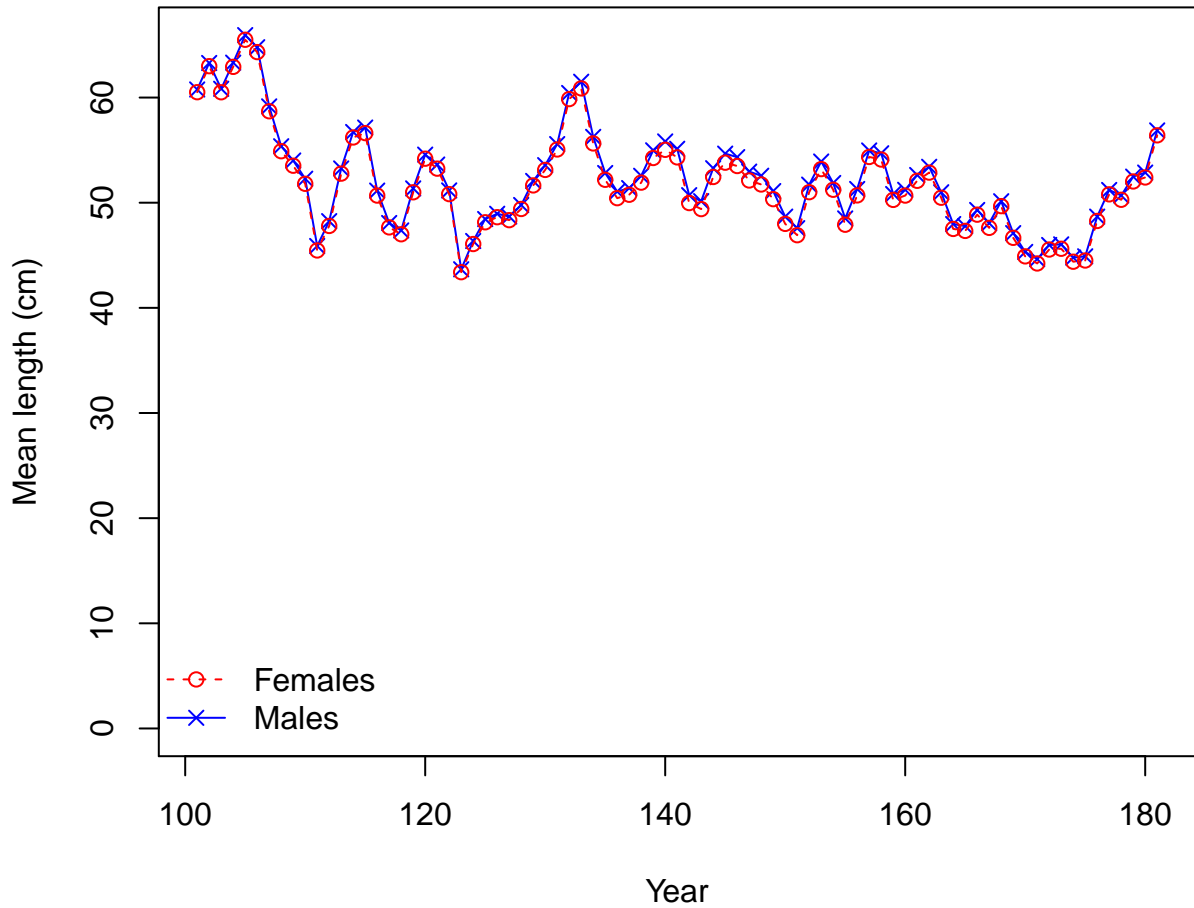


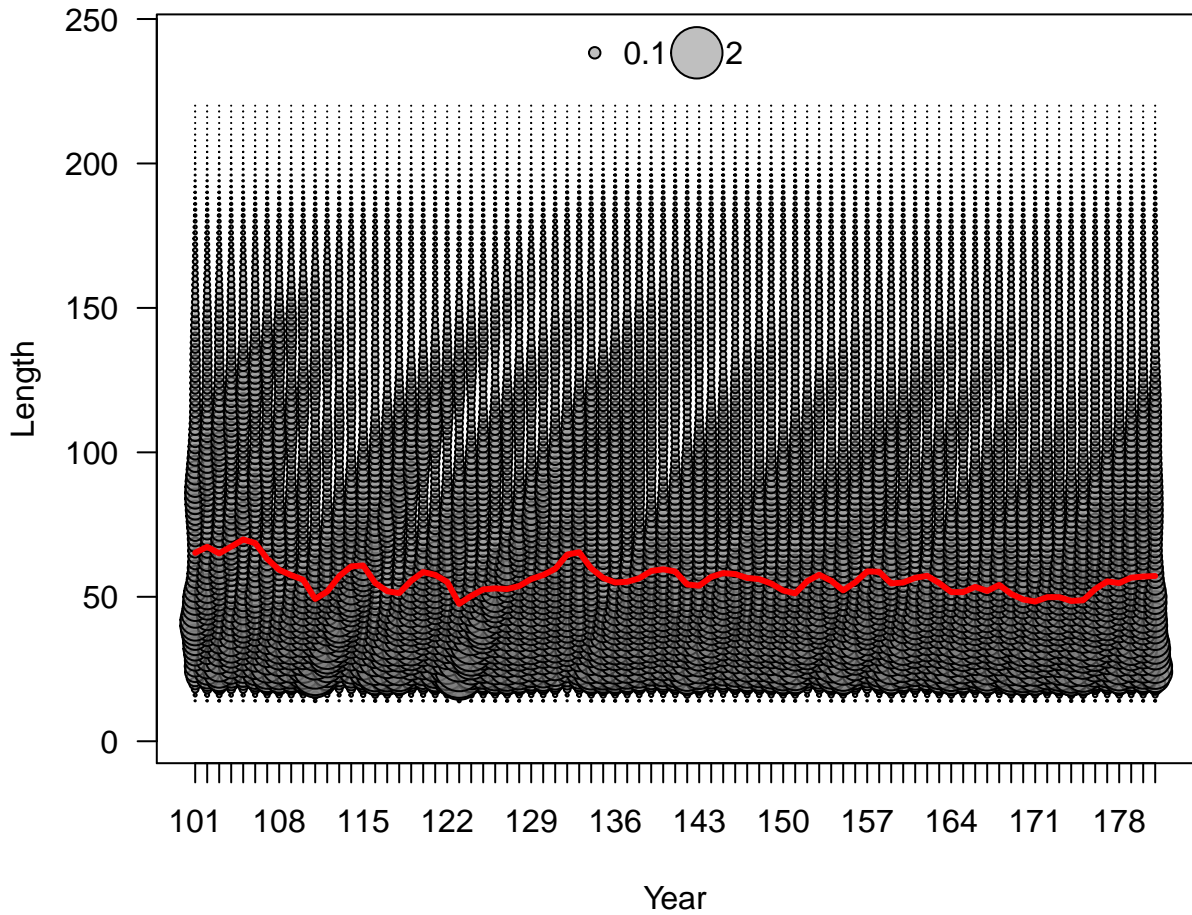


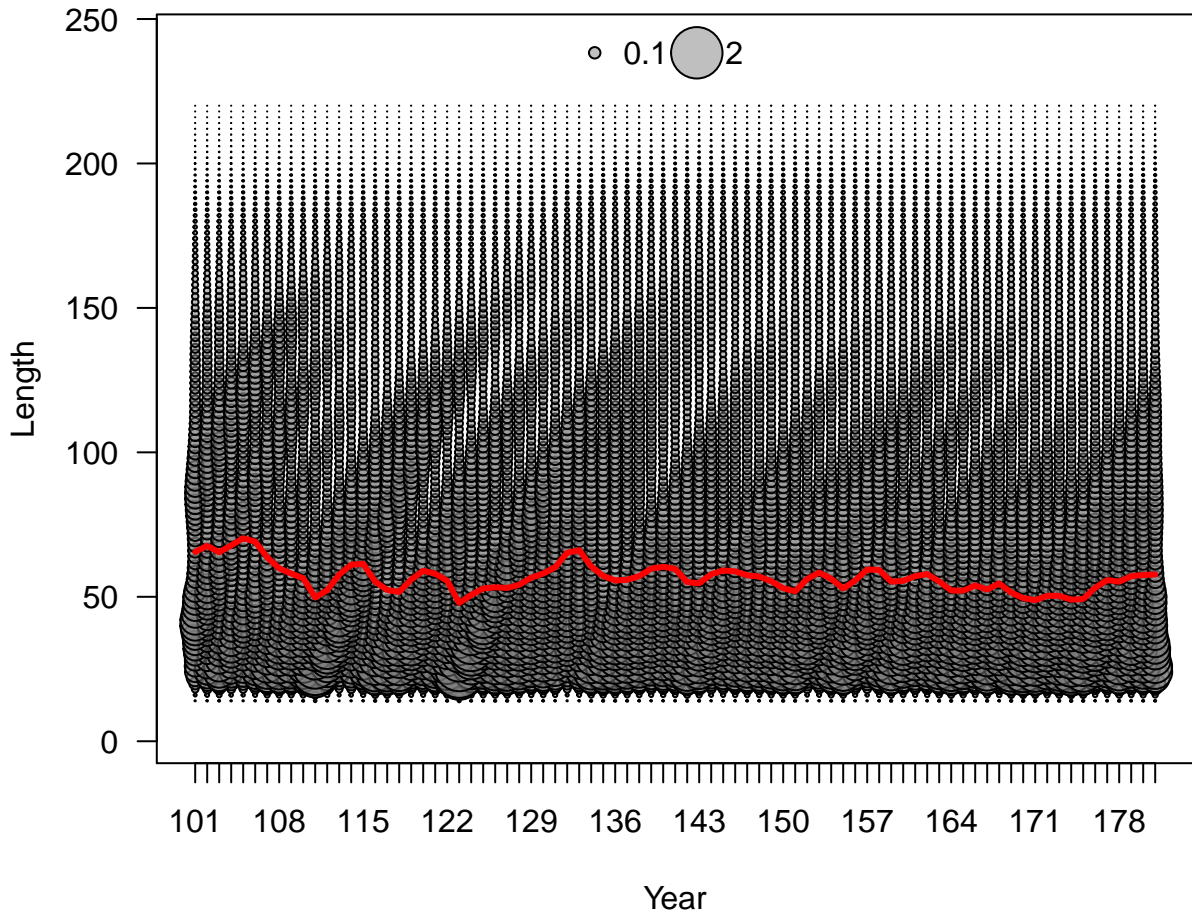


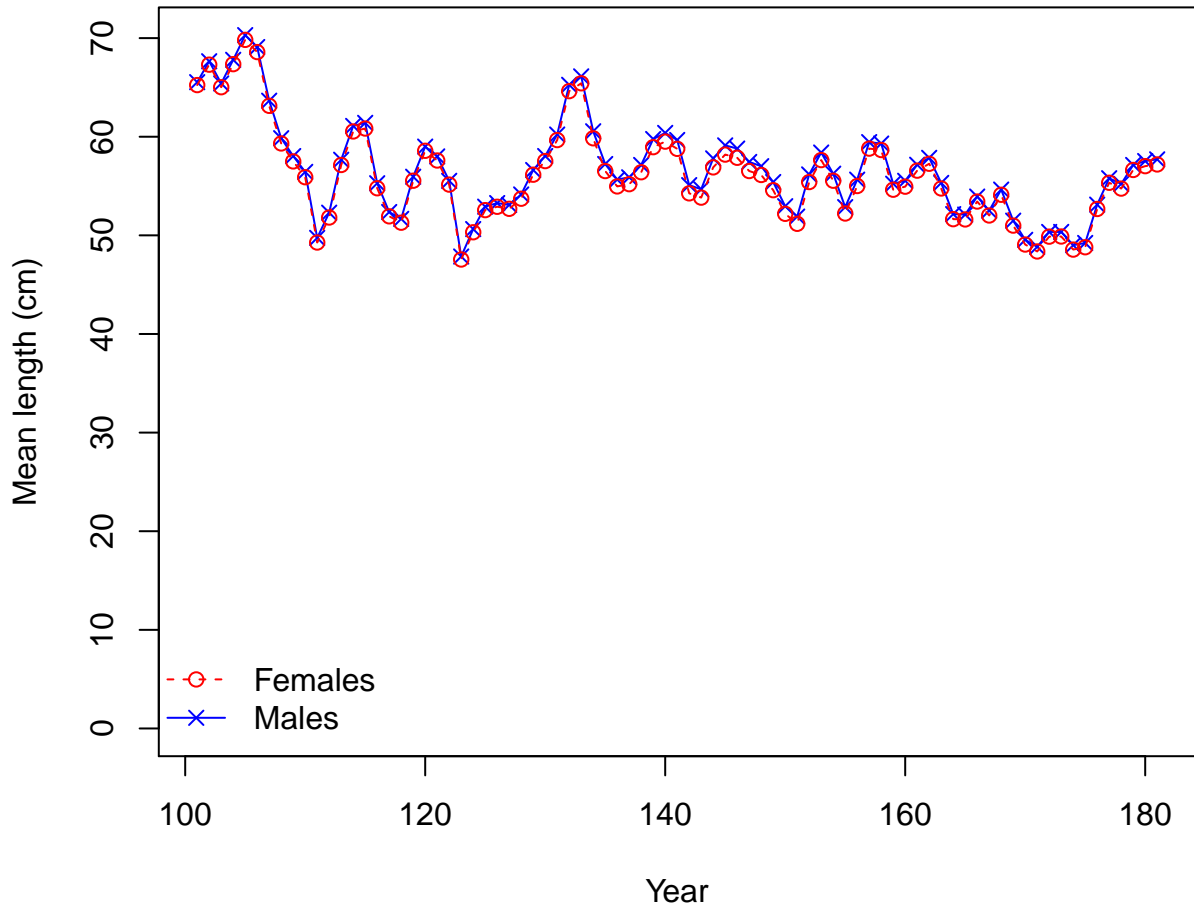




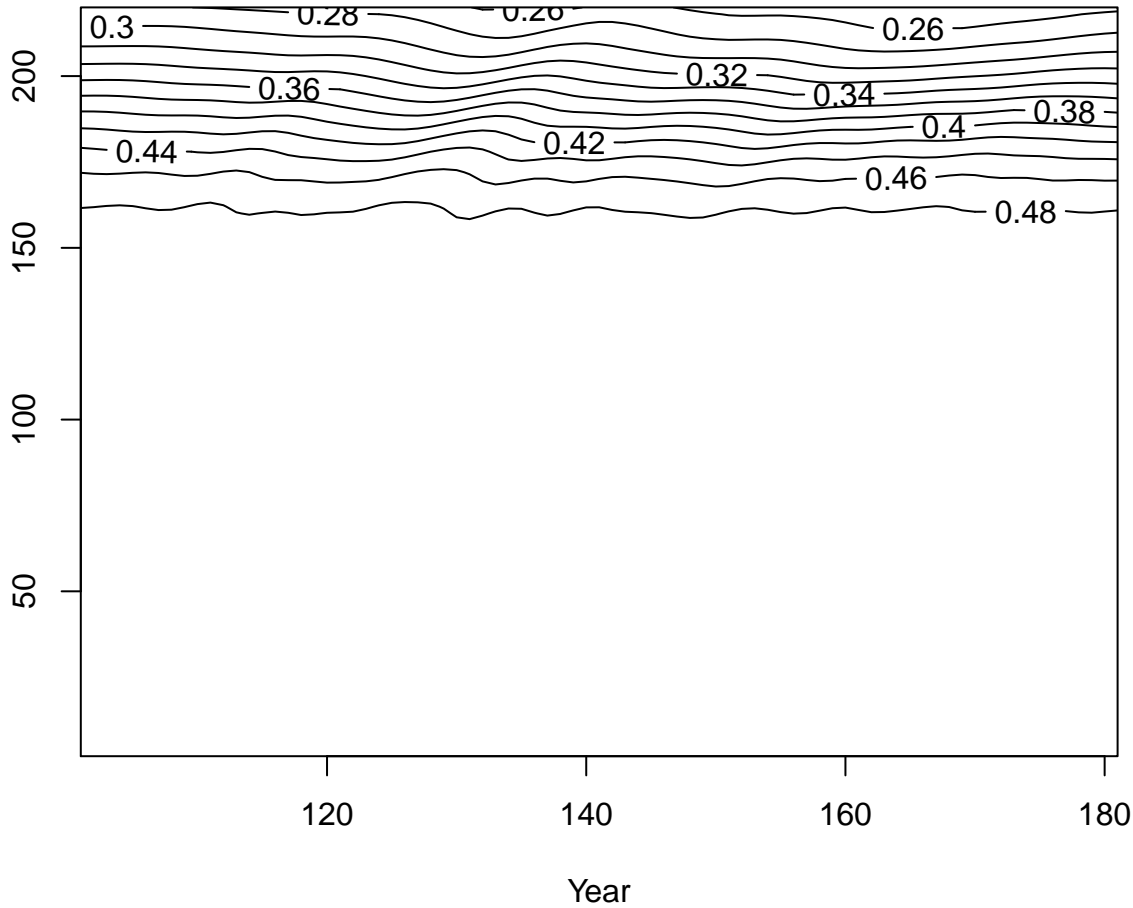




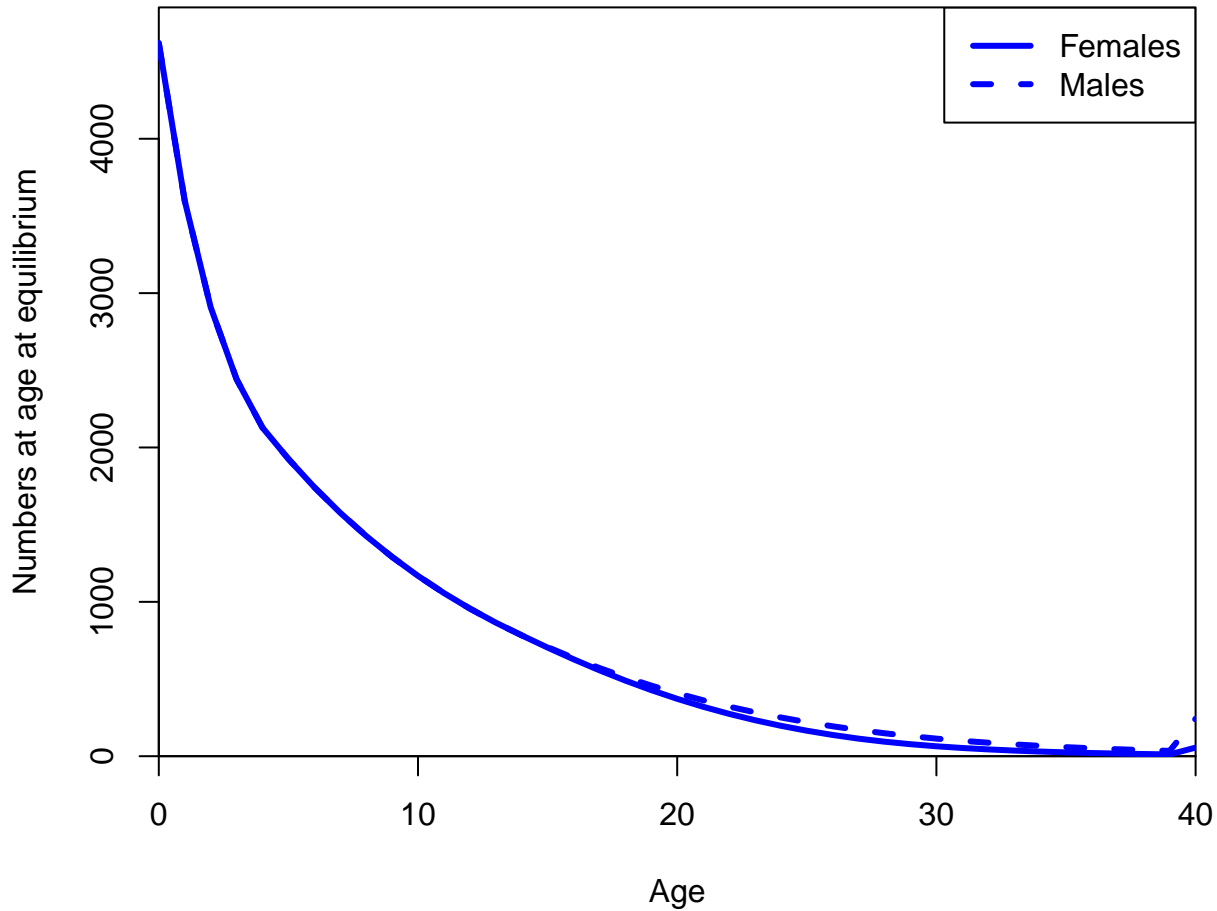


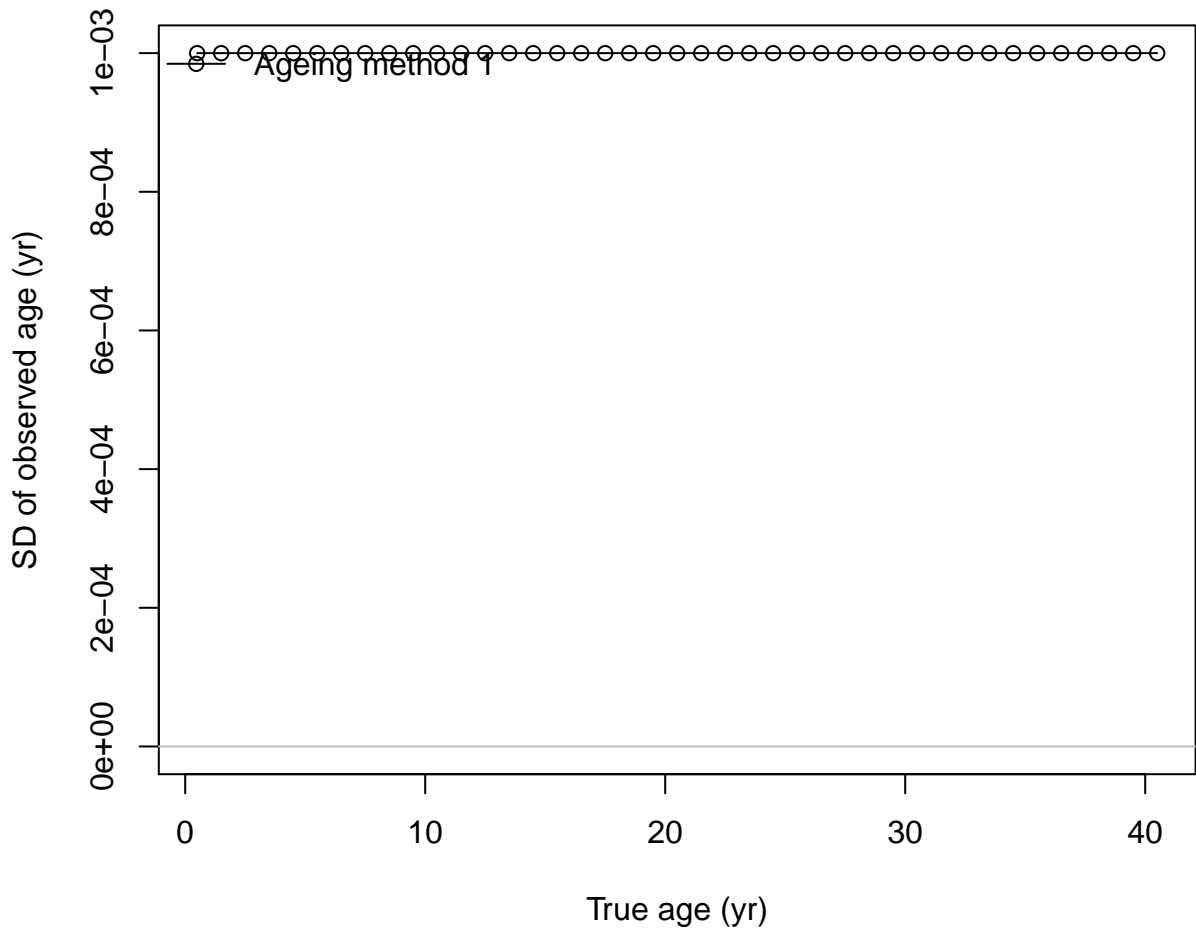


Length

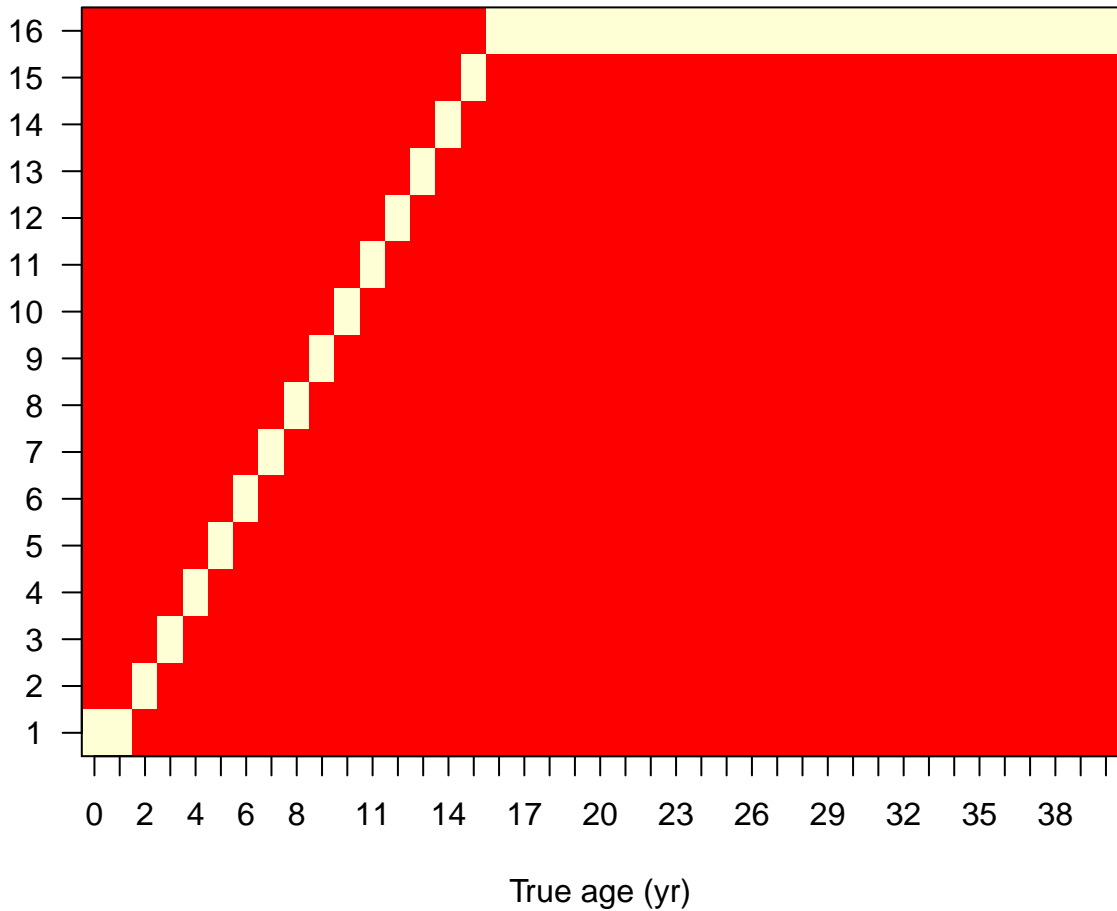






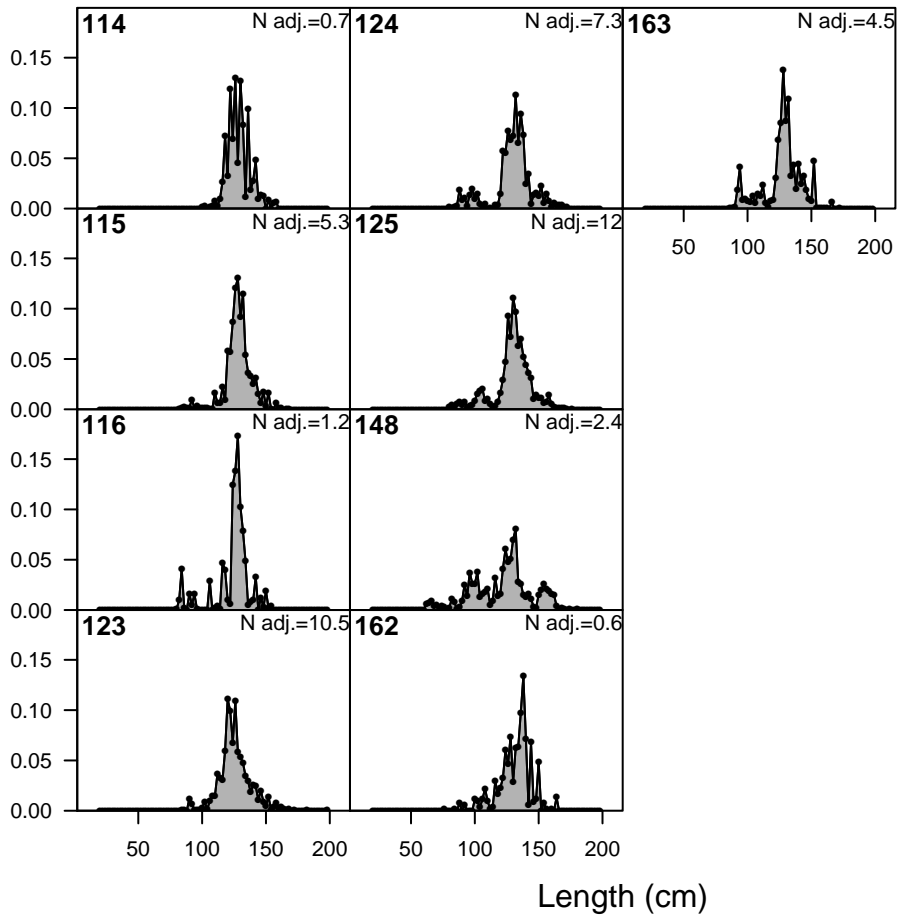


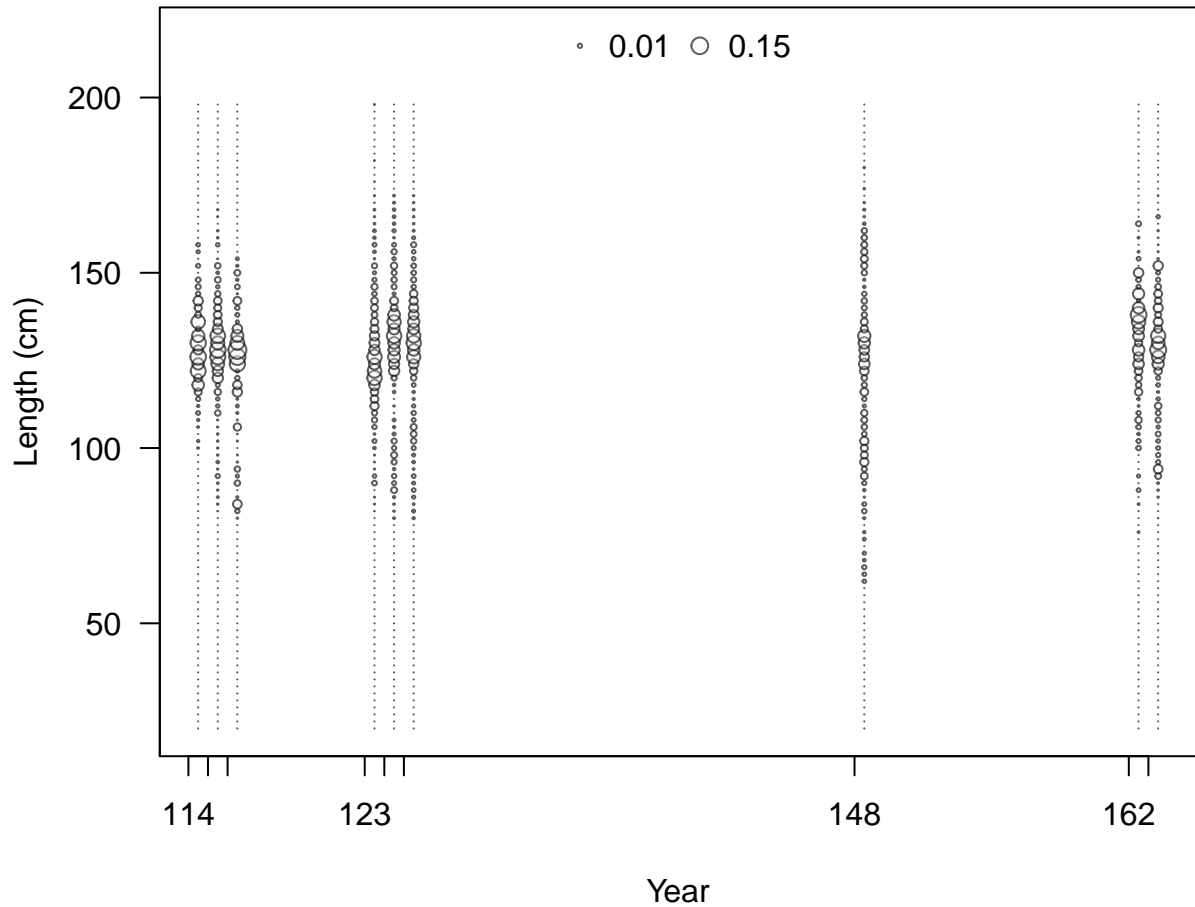
Observed age (yr)



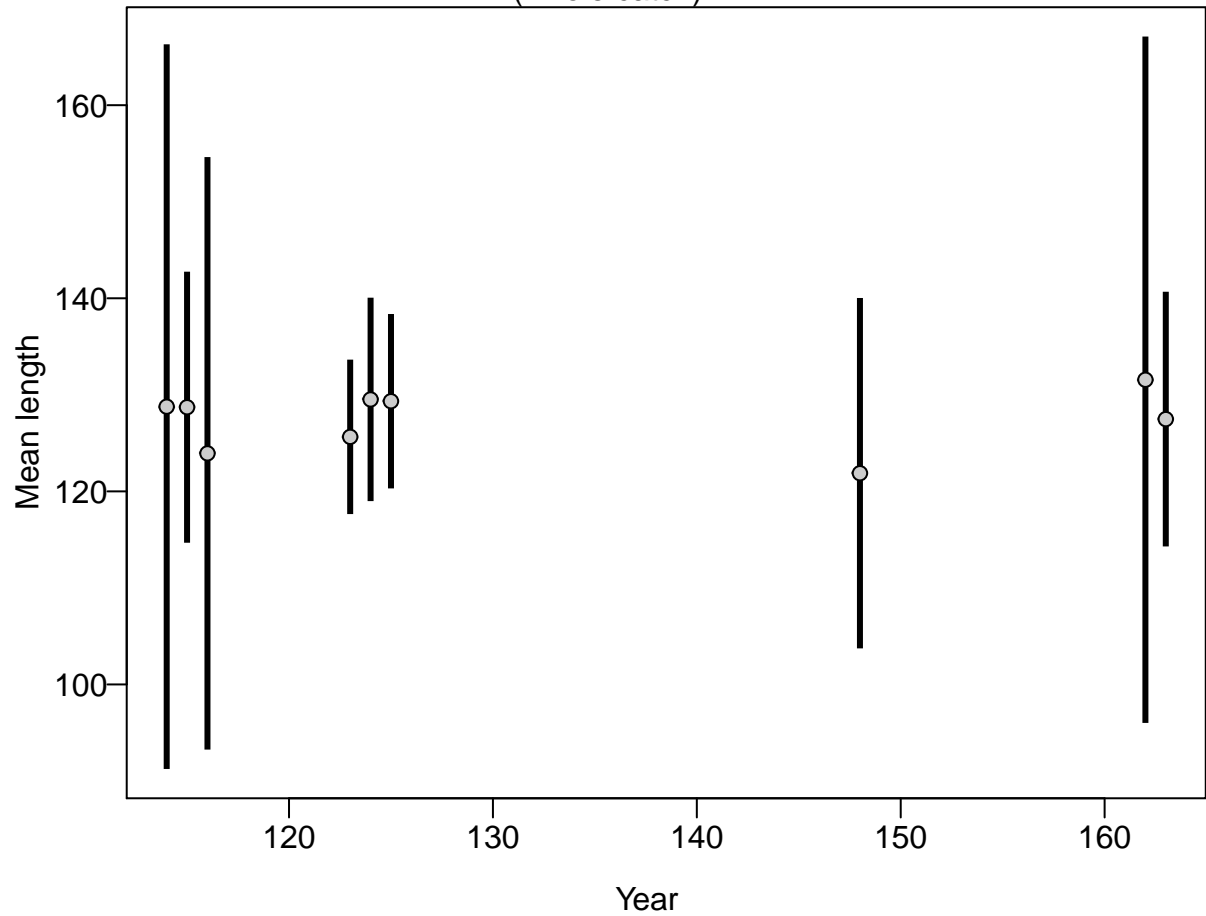
True age (yr)

Proportion

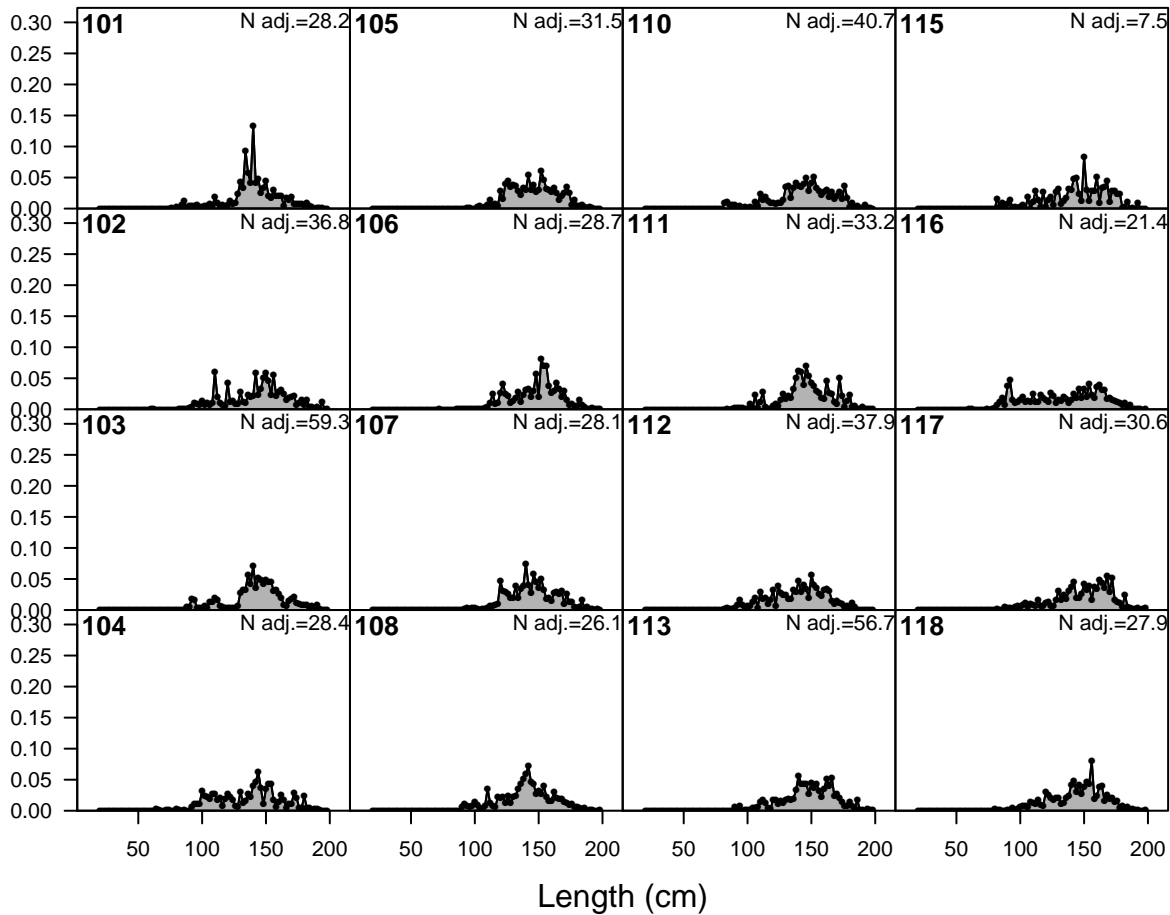




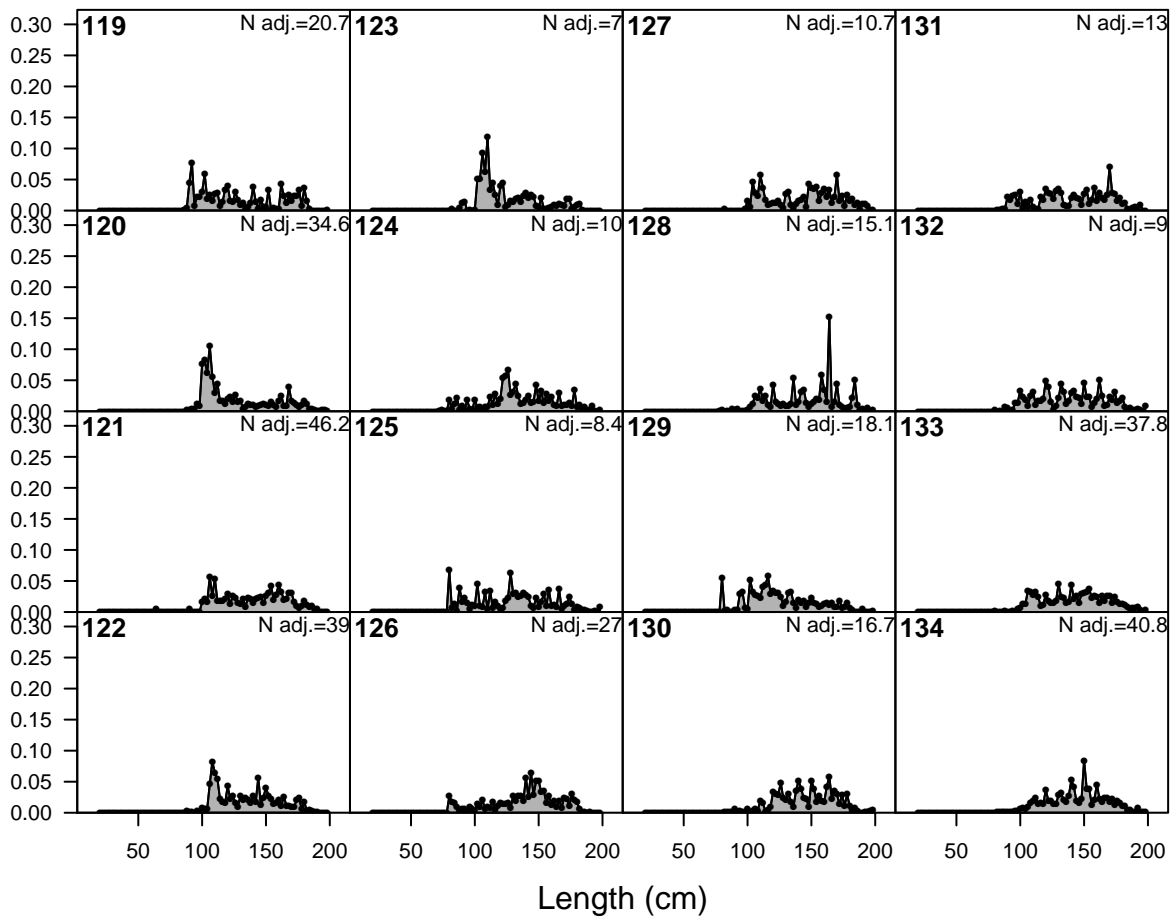
A1-LL-n (whole catch)



Proportion

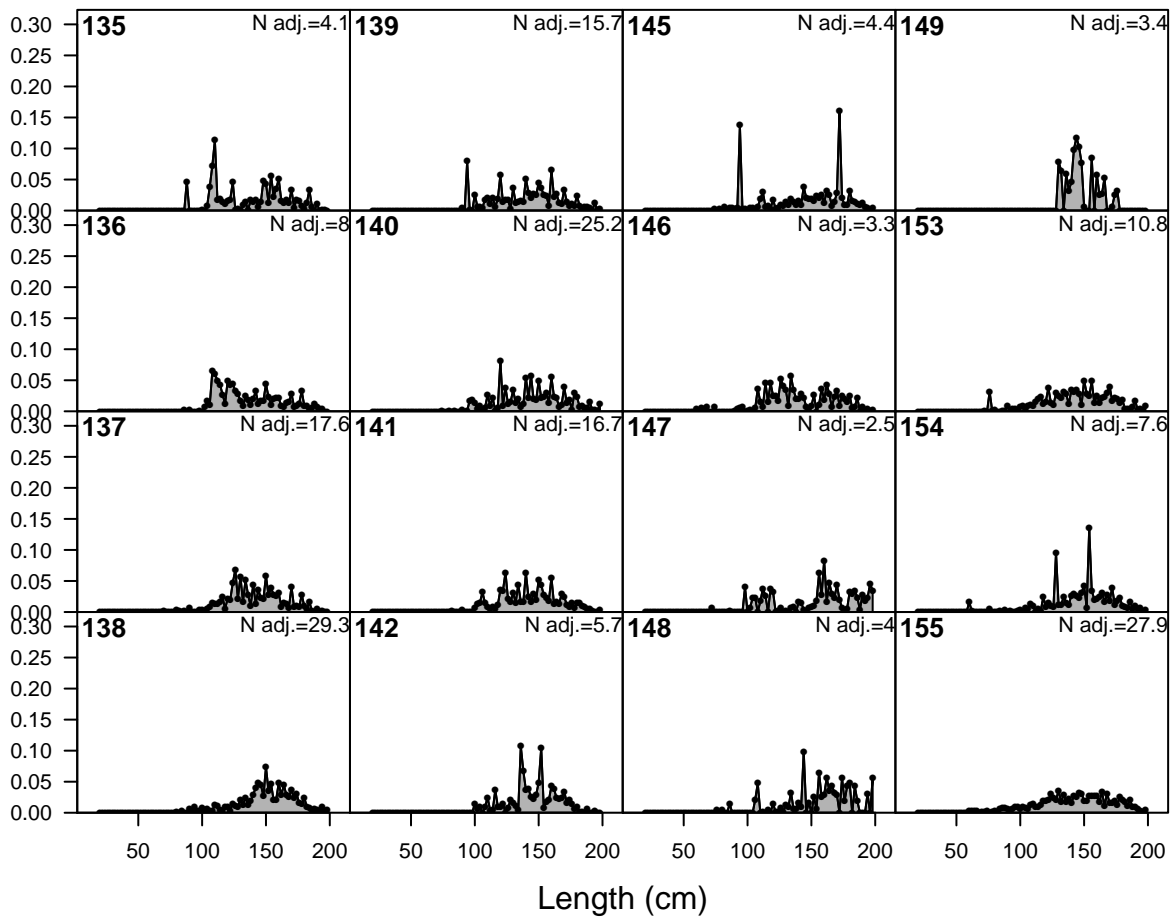


Proportion

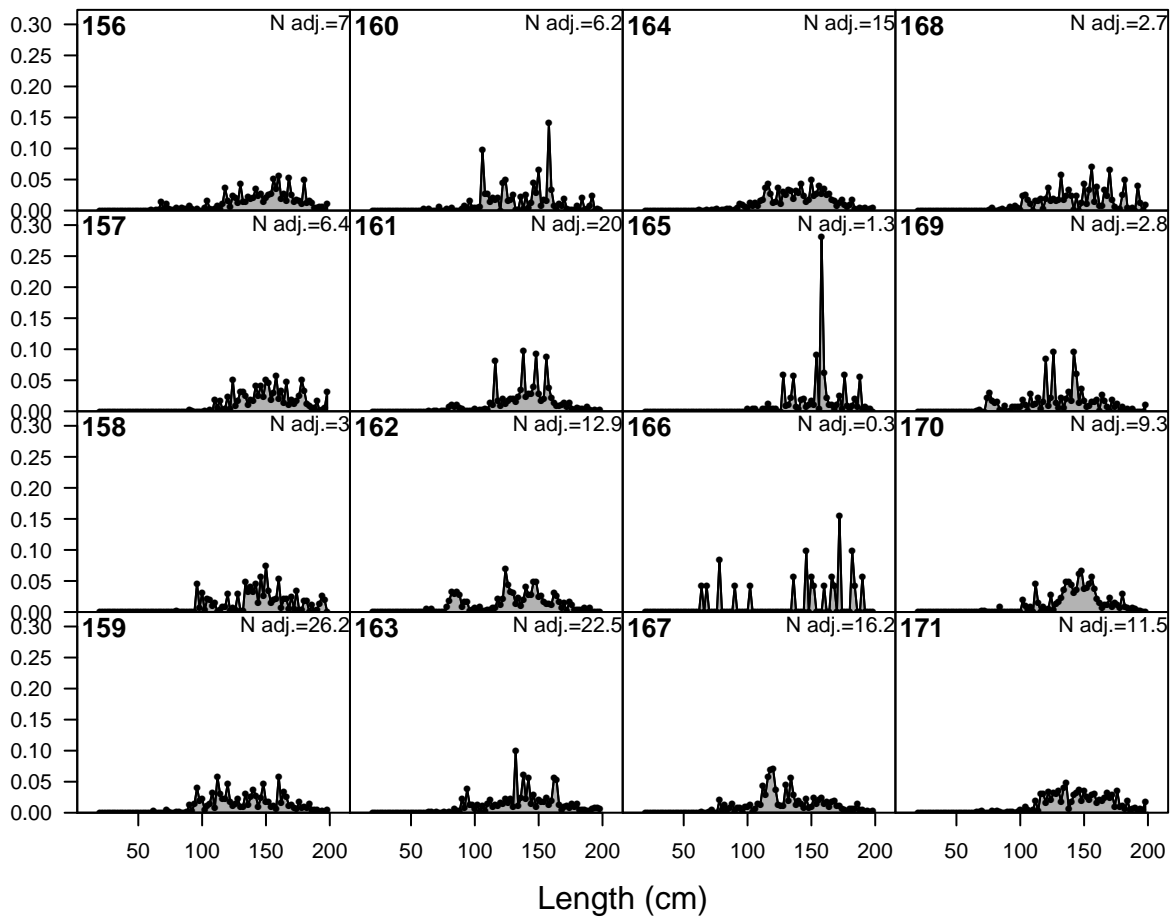




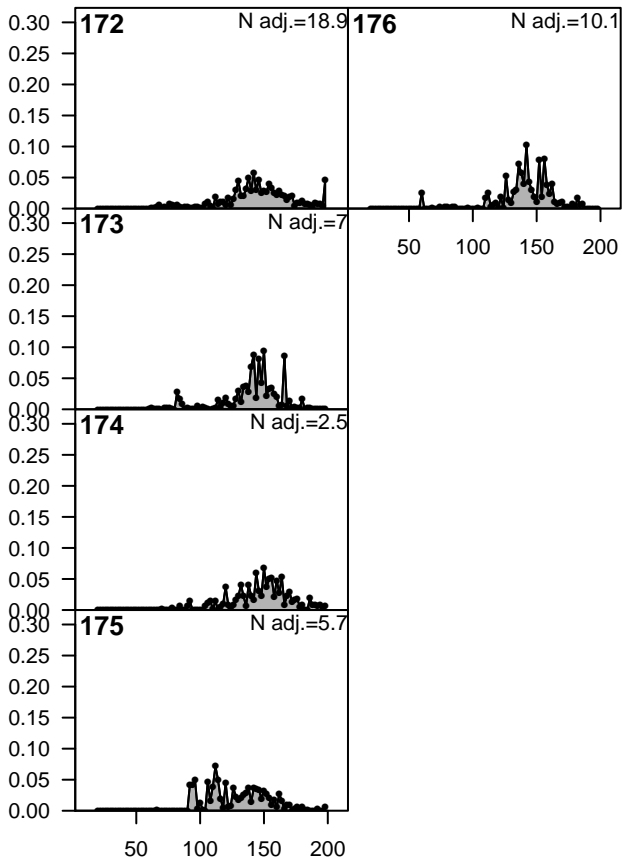
Proportion



Proportion



Proportion



Length (cm)

Length (cm)

200

150

100

50

◦ 0.01 ○ 0.2

101

108

115

122

129

136

145

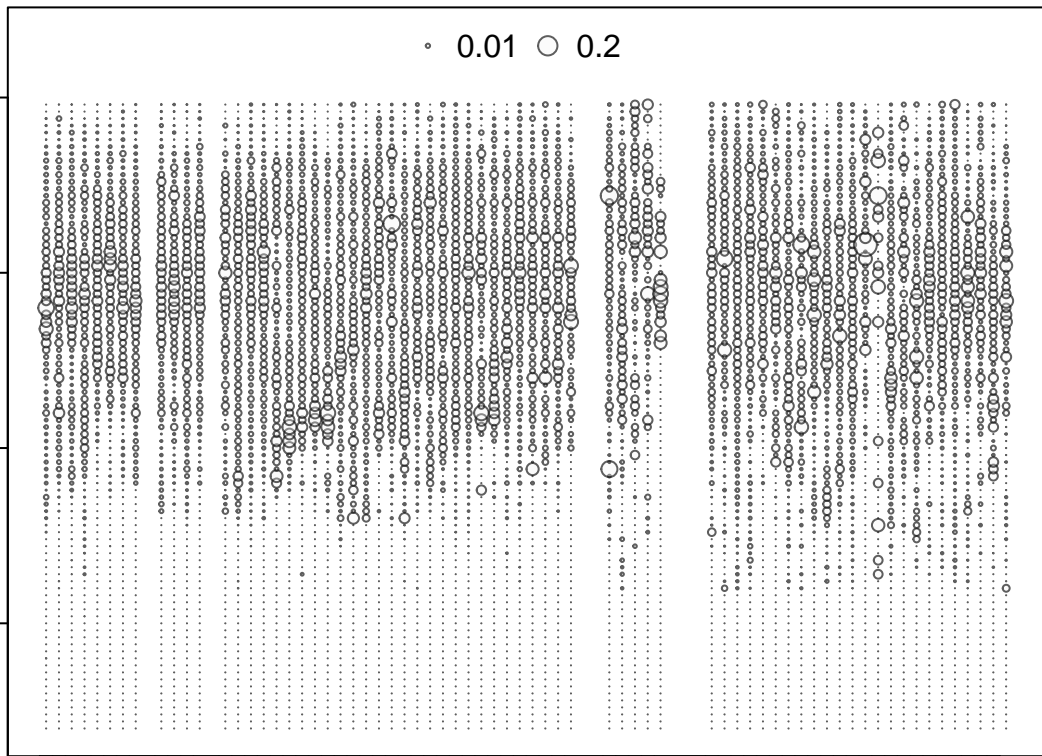
153

160

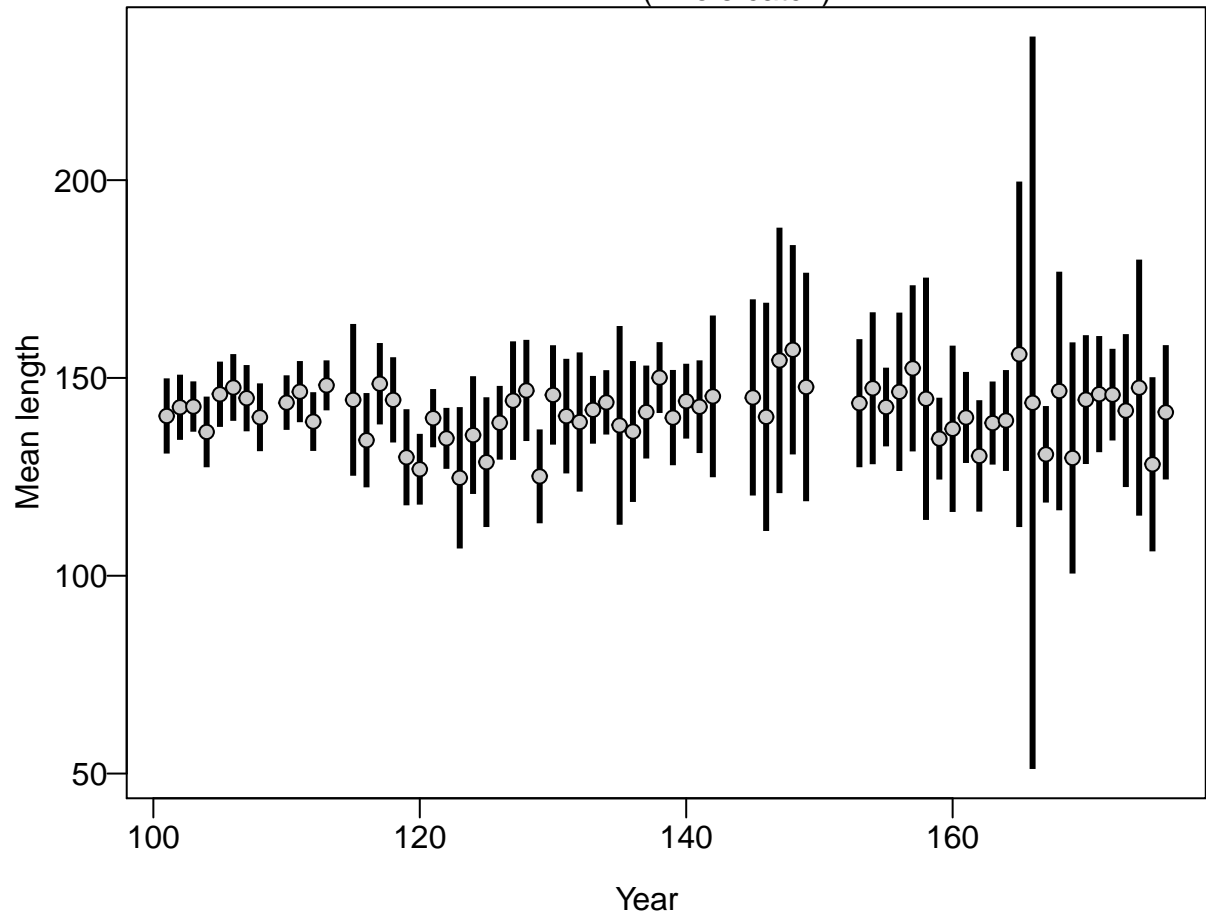
167

174

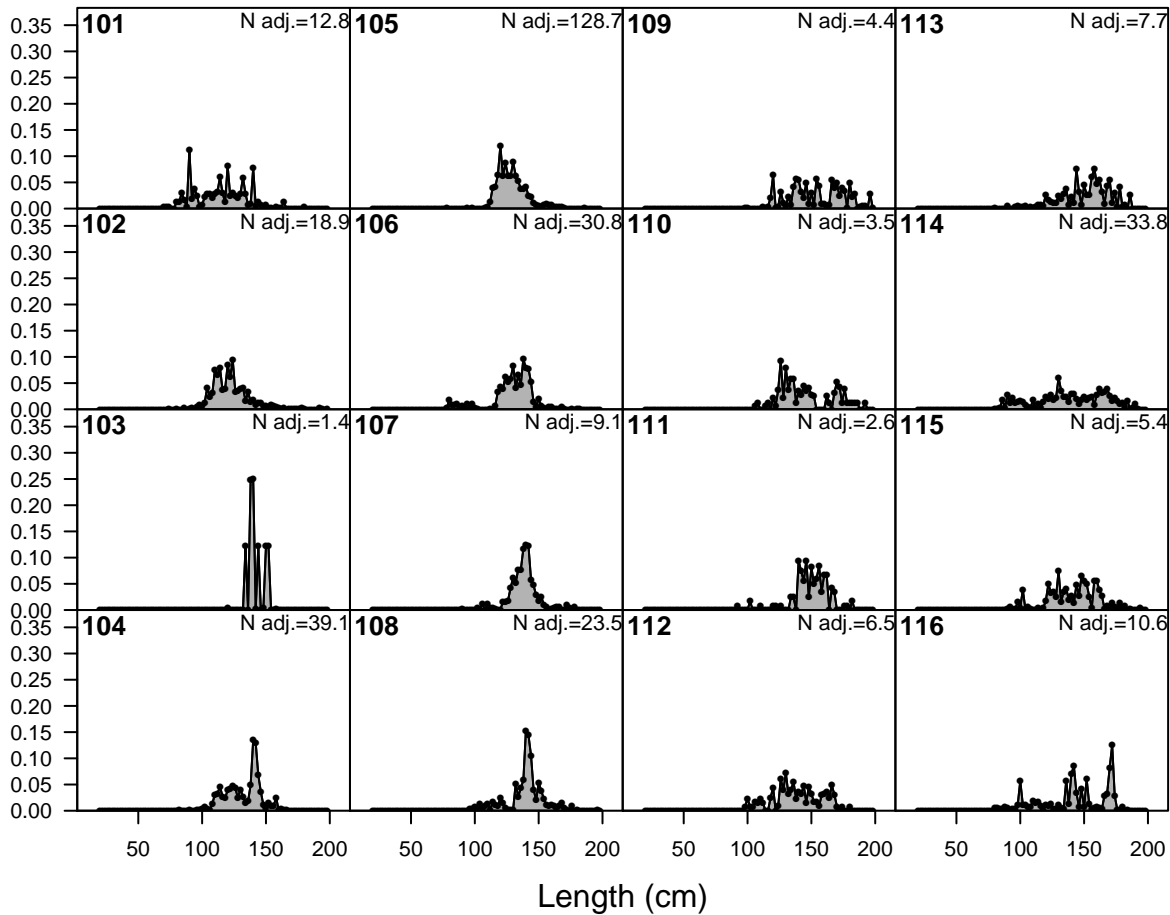
Year



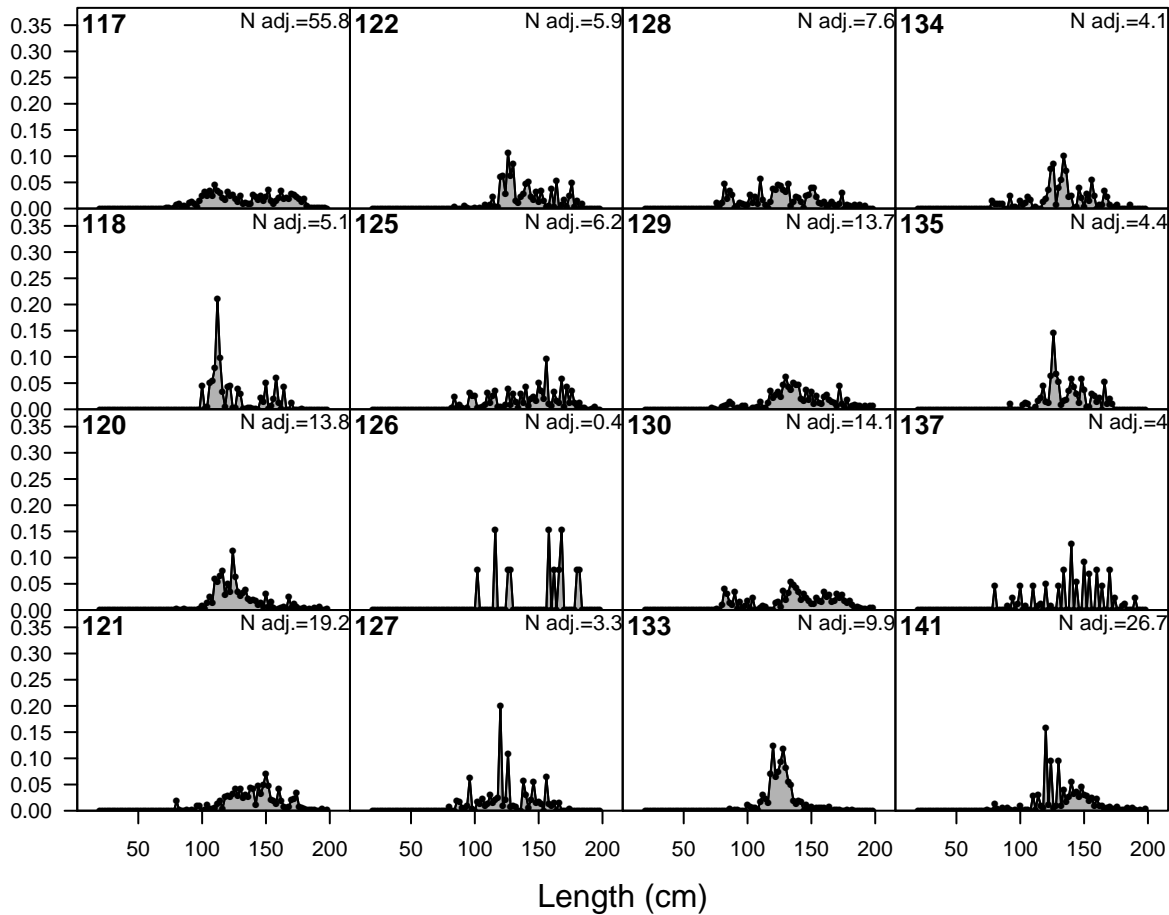
A2-LL-n (whole catch)



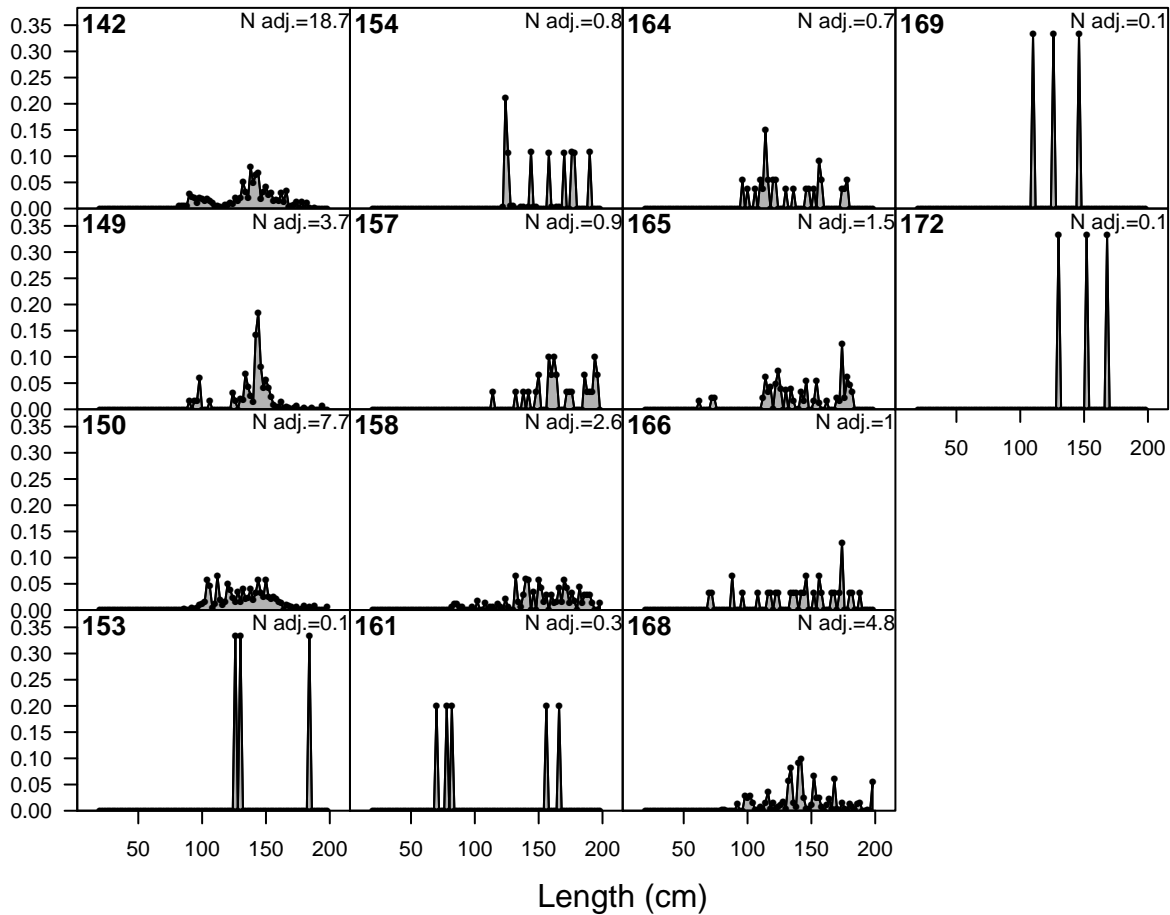
Proportion



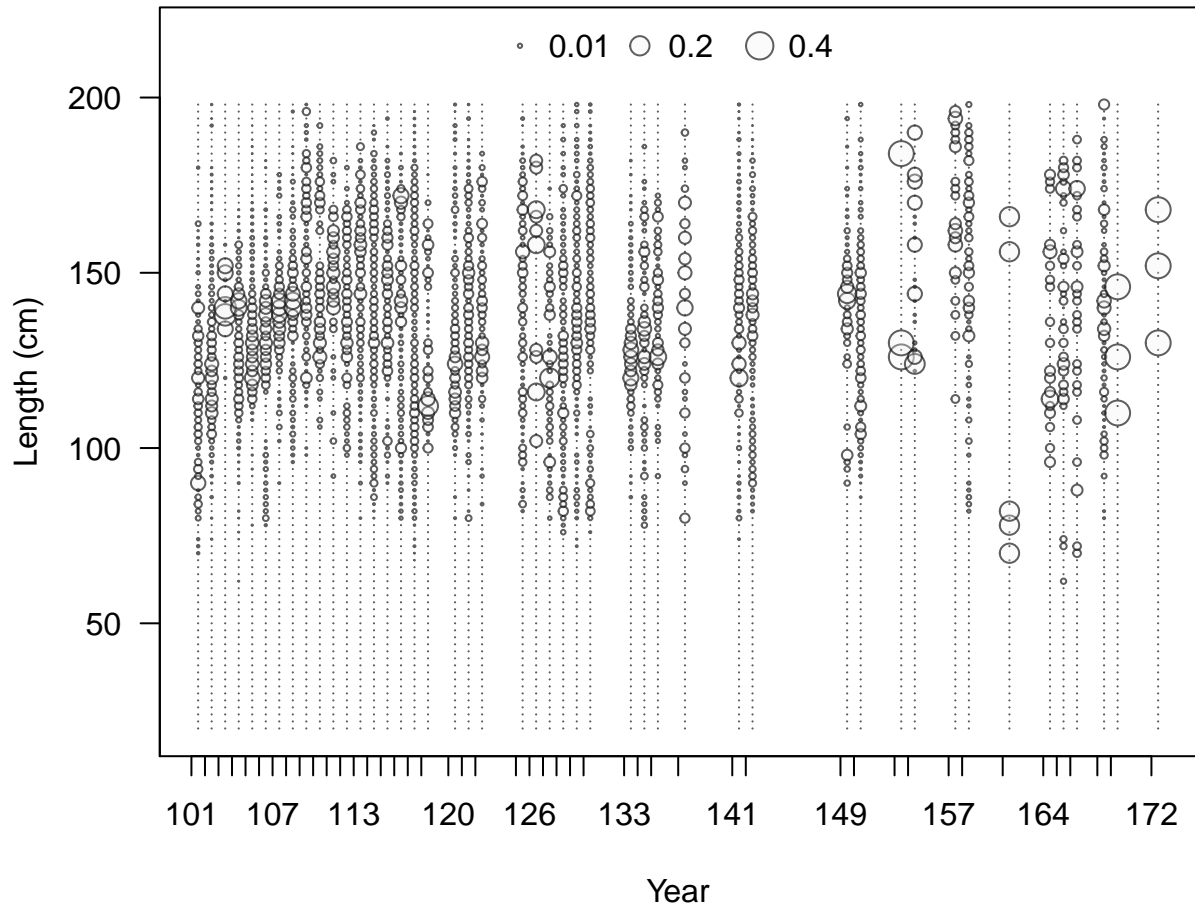
Proportion



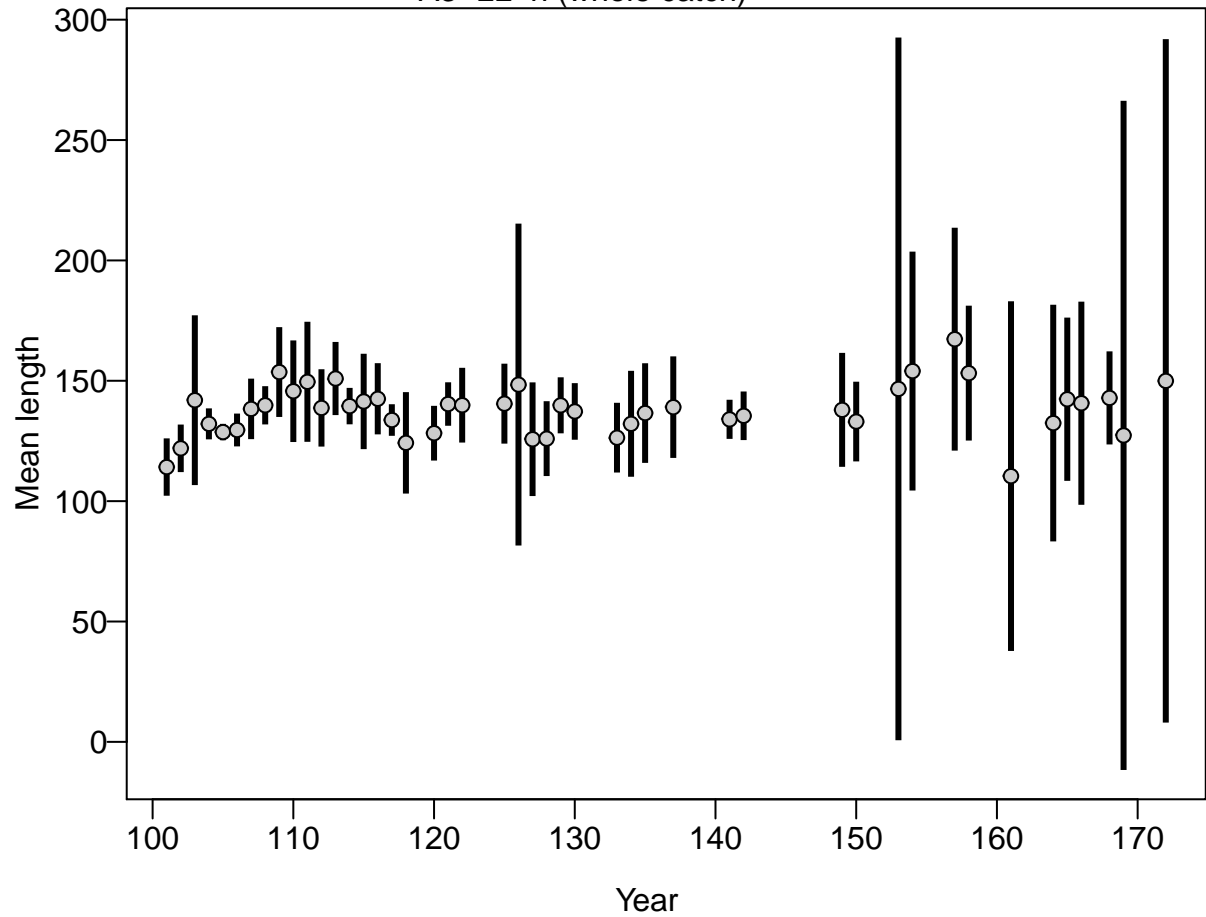
Proportion



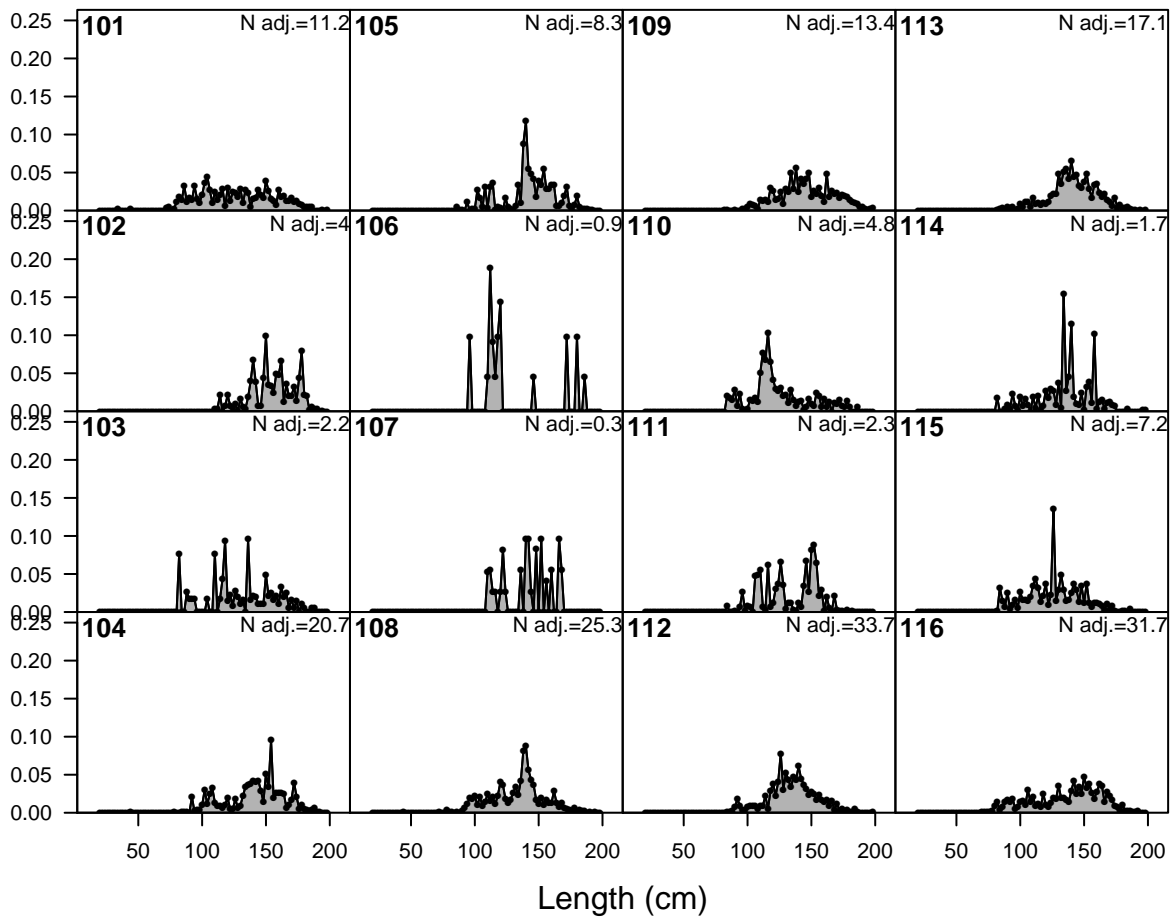




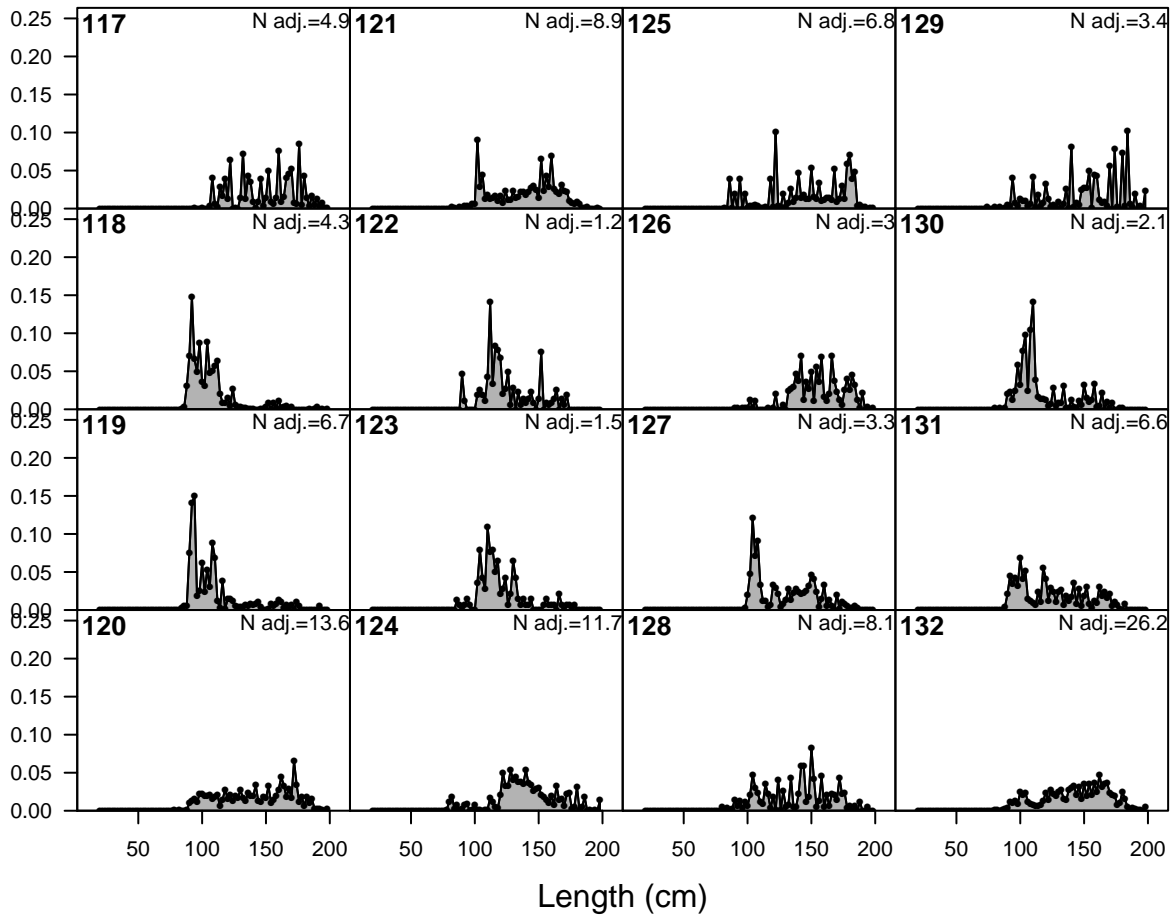
A3-LL-n (whole catch)



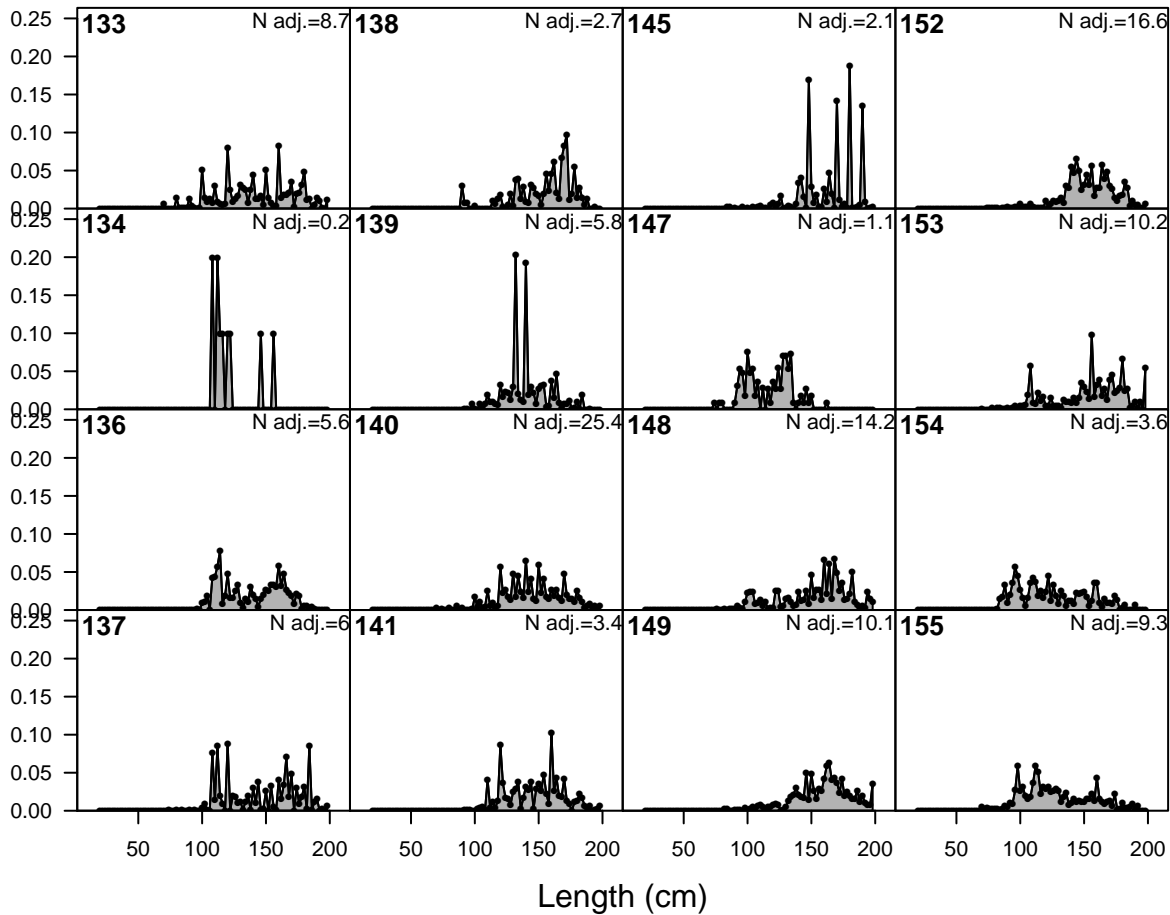
Proportion



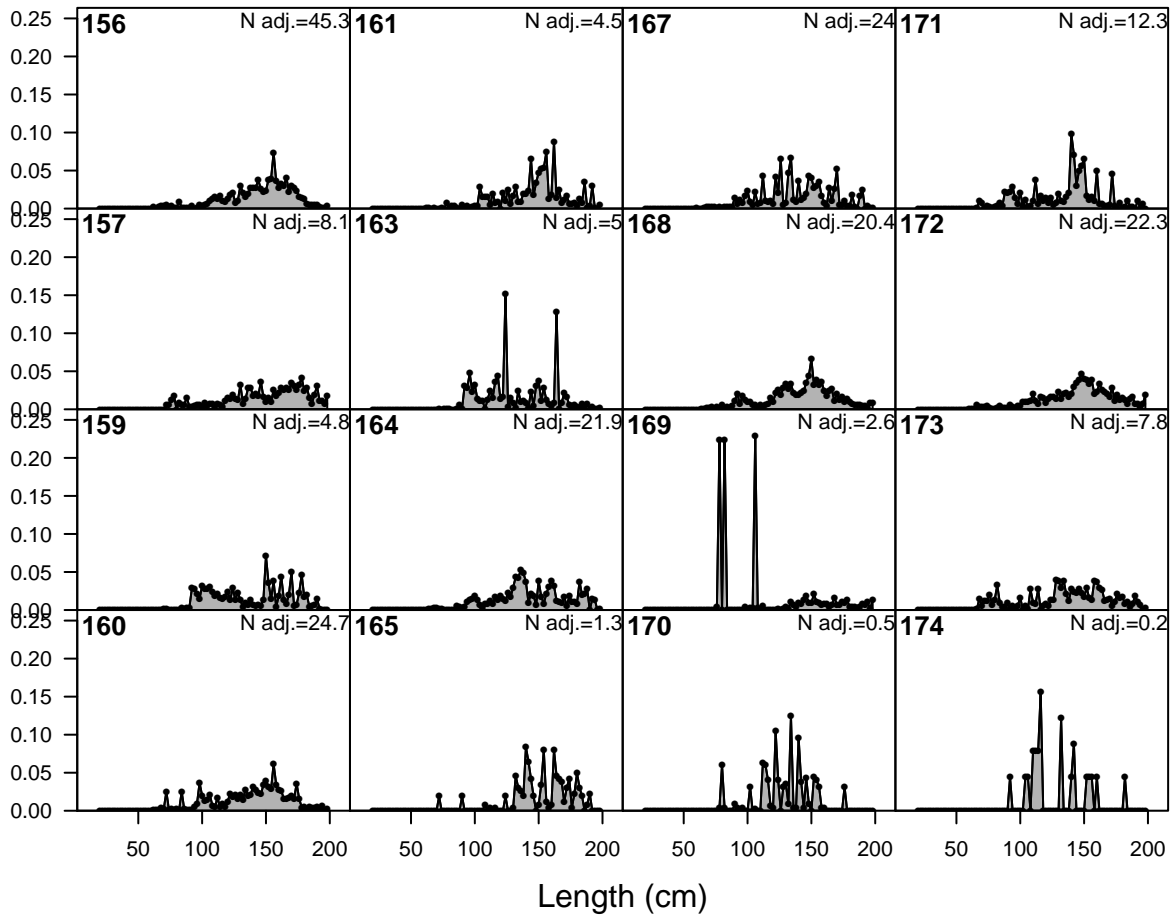
Proportion

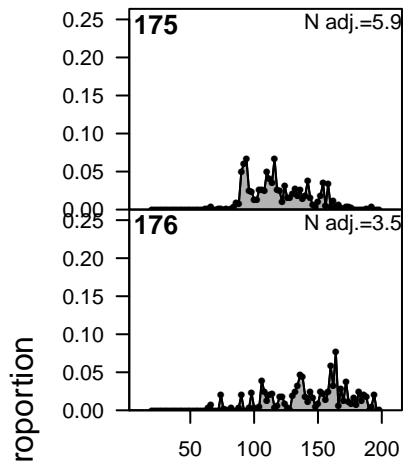


Proportion

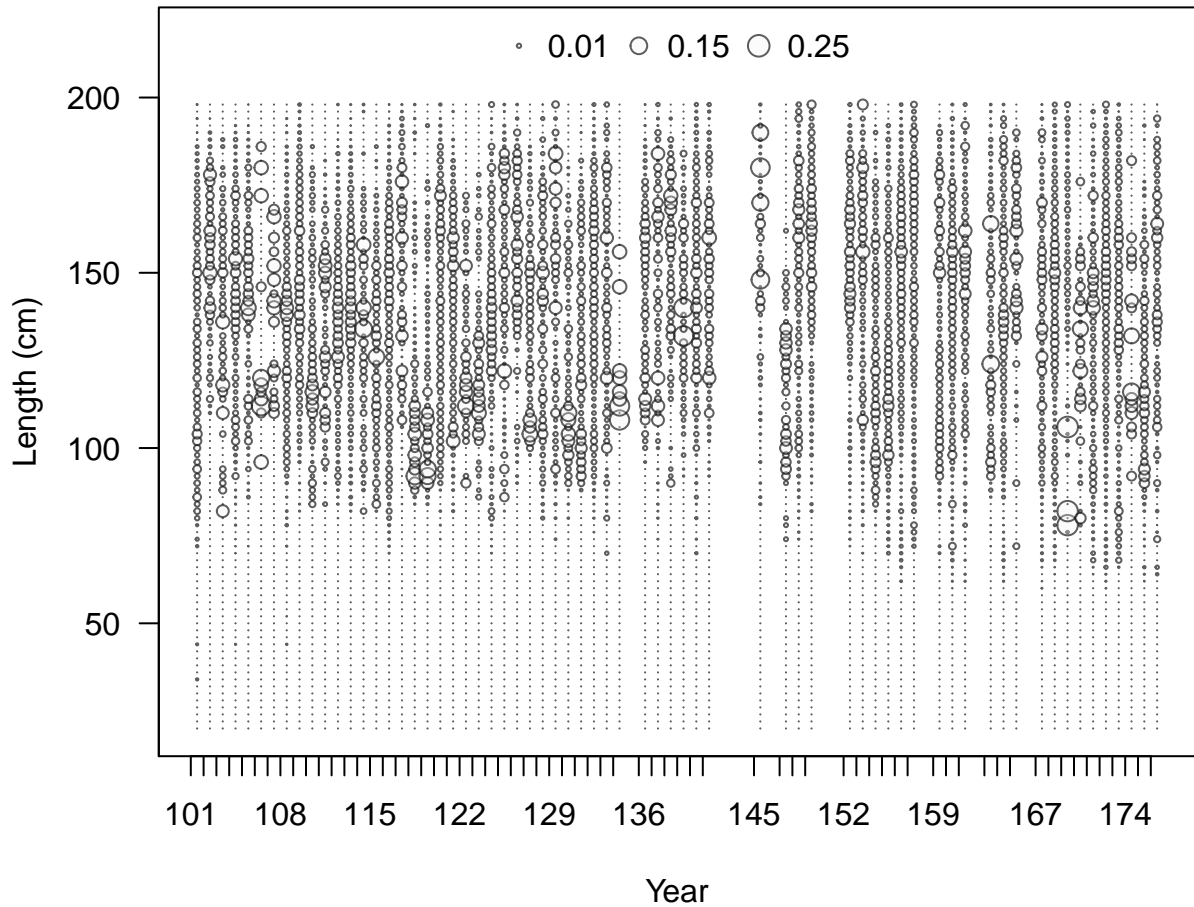


Proportion



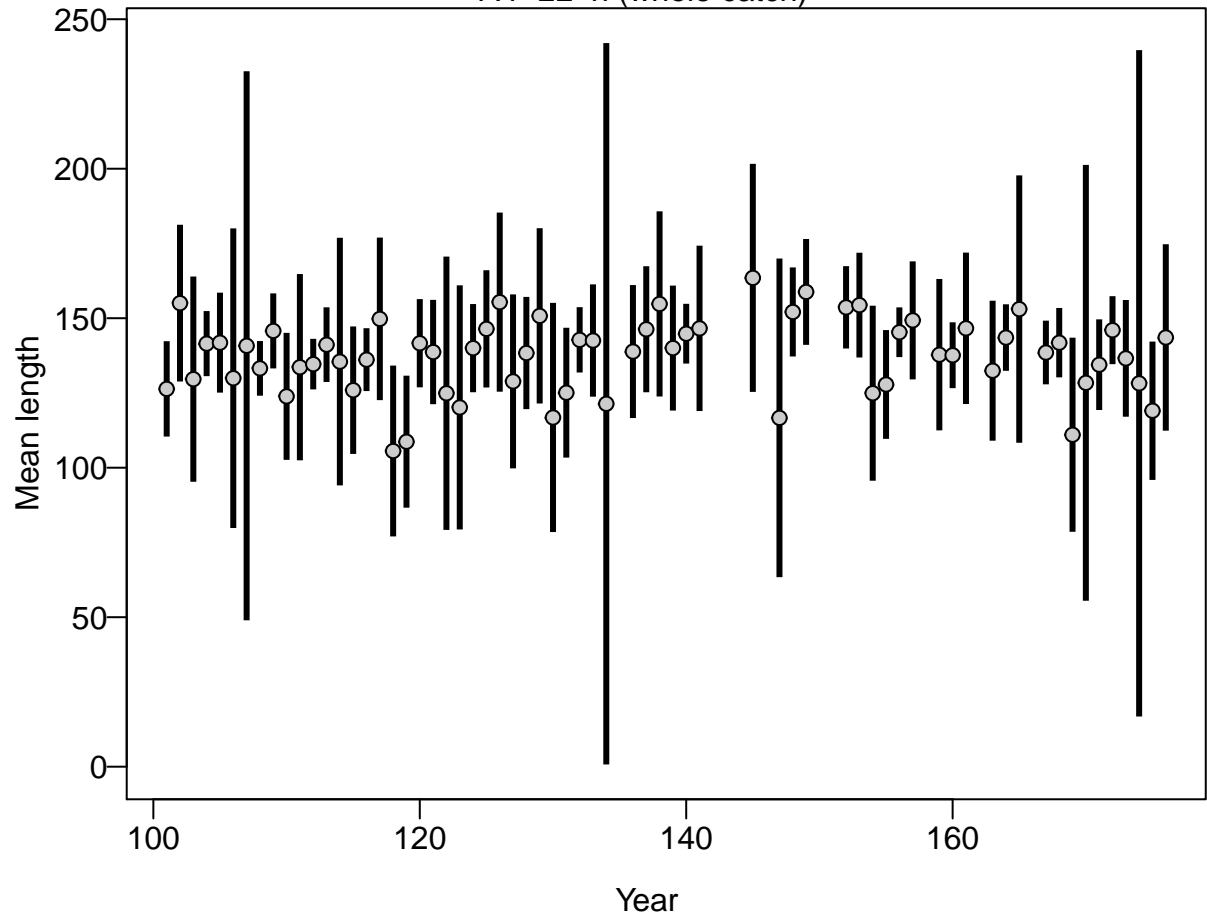


Length (cm)

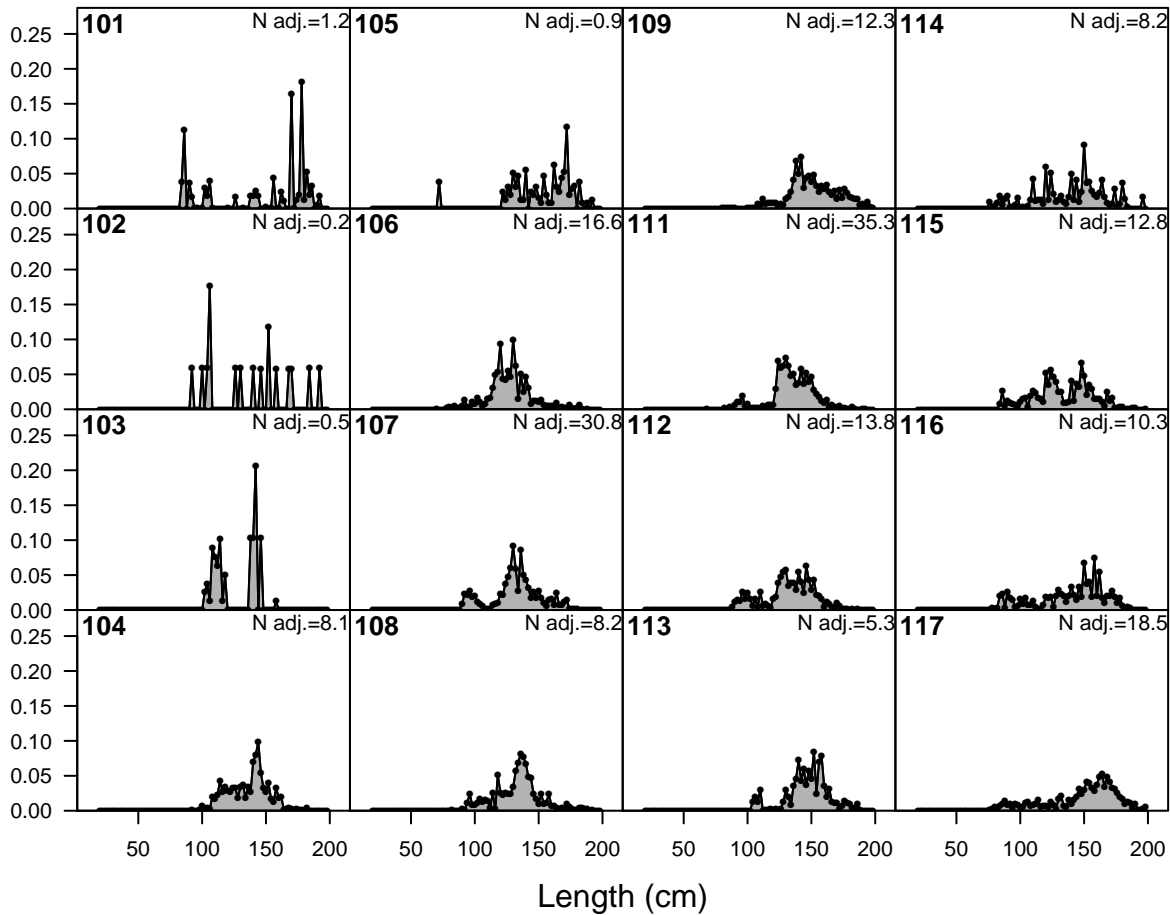




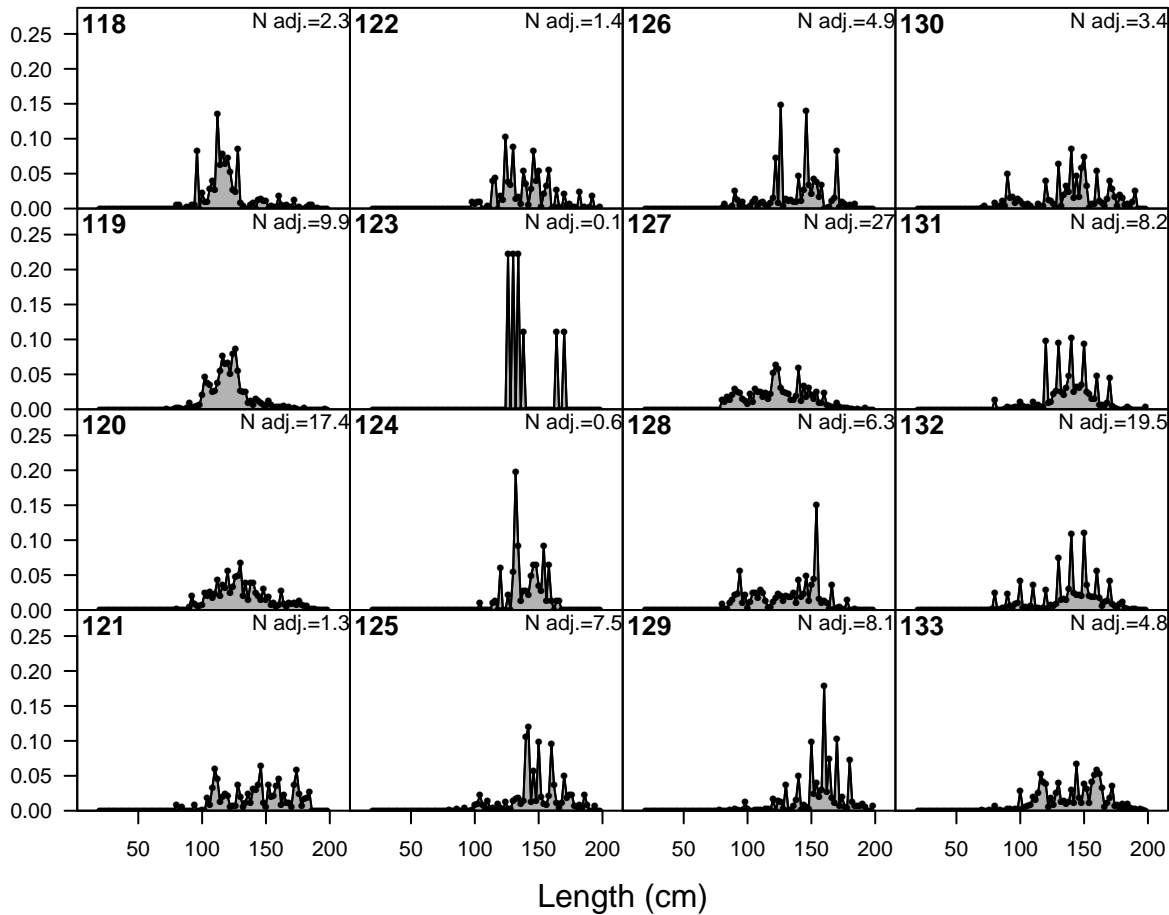
A4-LL-n (whole catch)



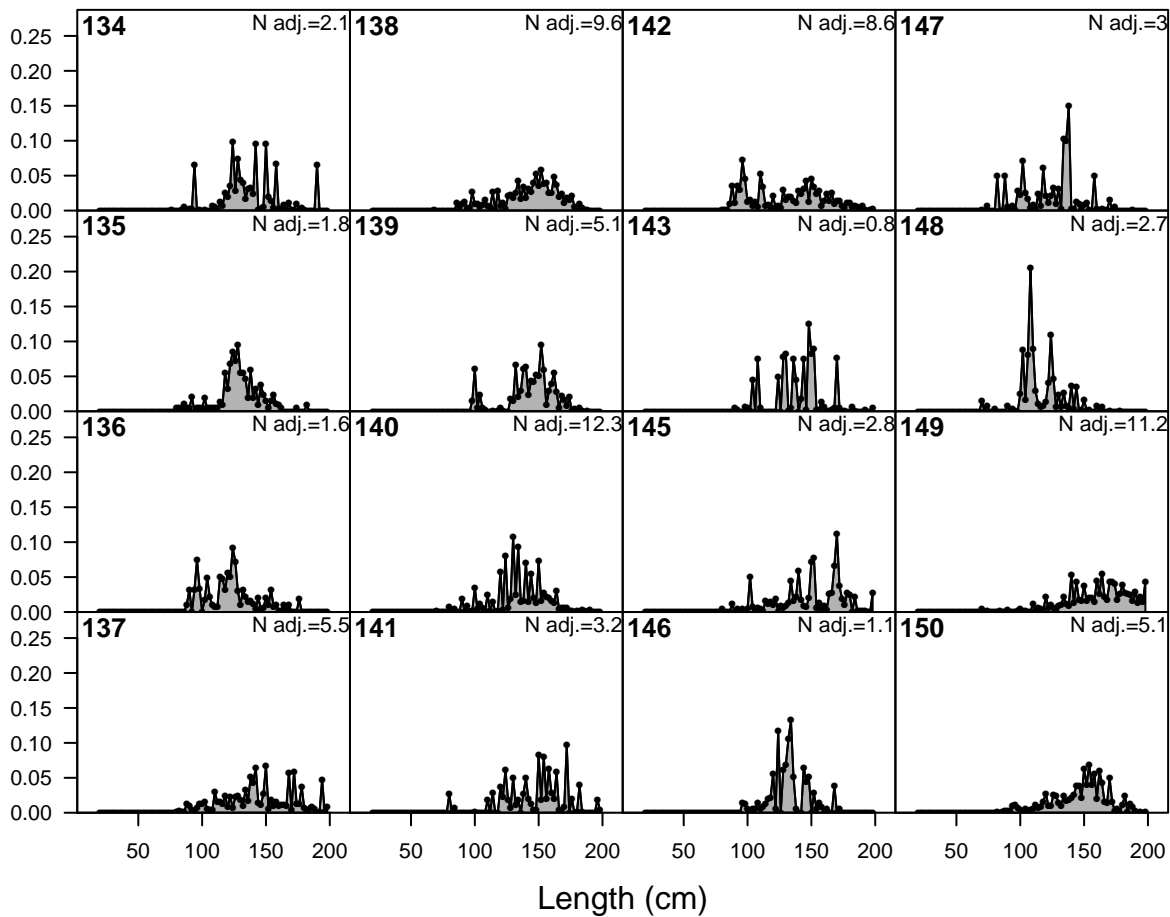
Proportion



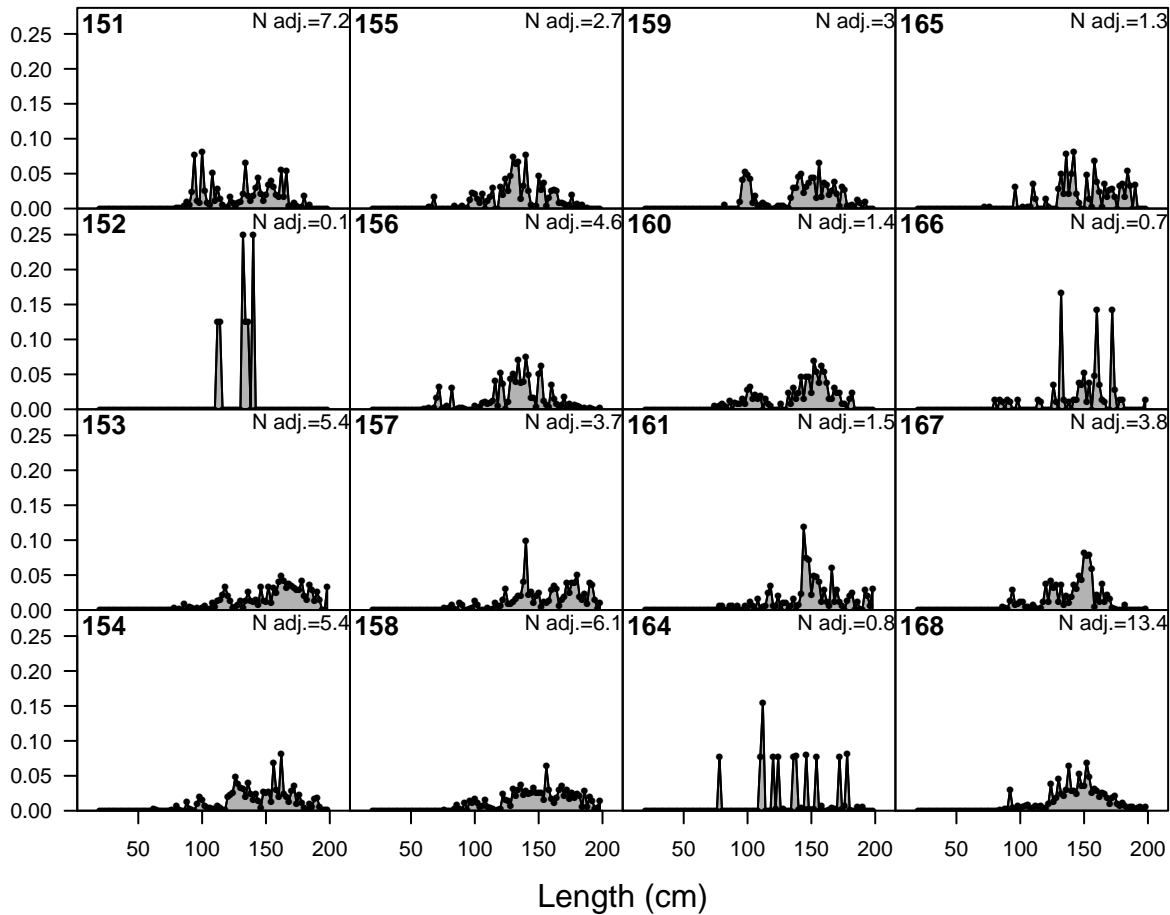
Proportion



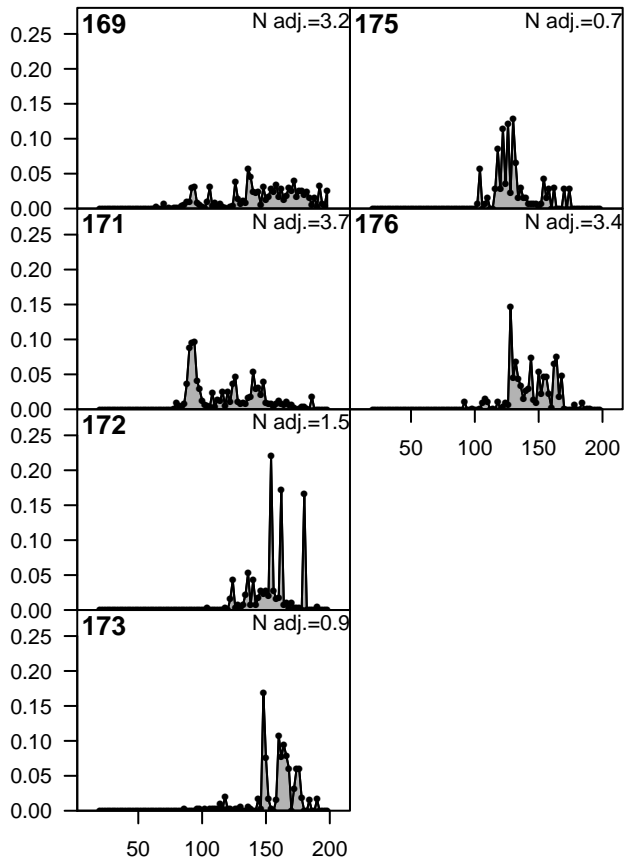
Proportion



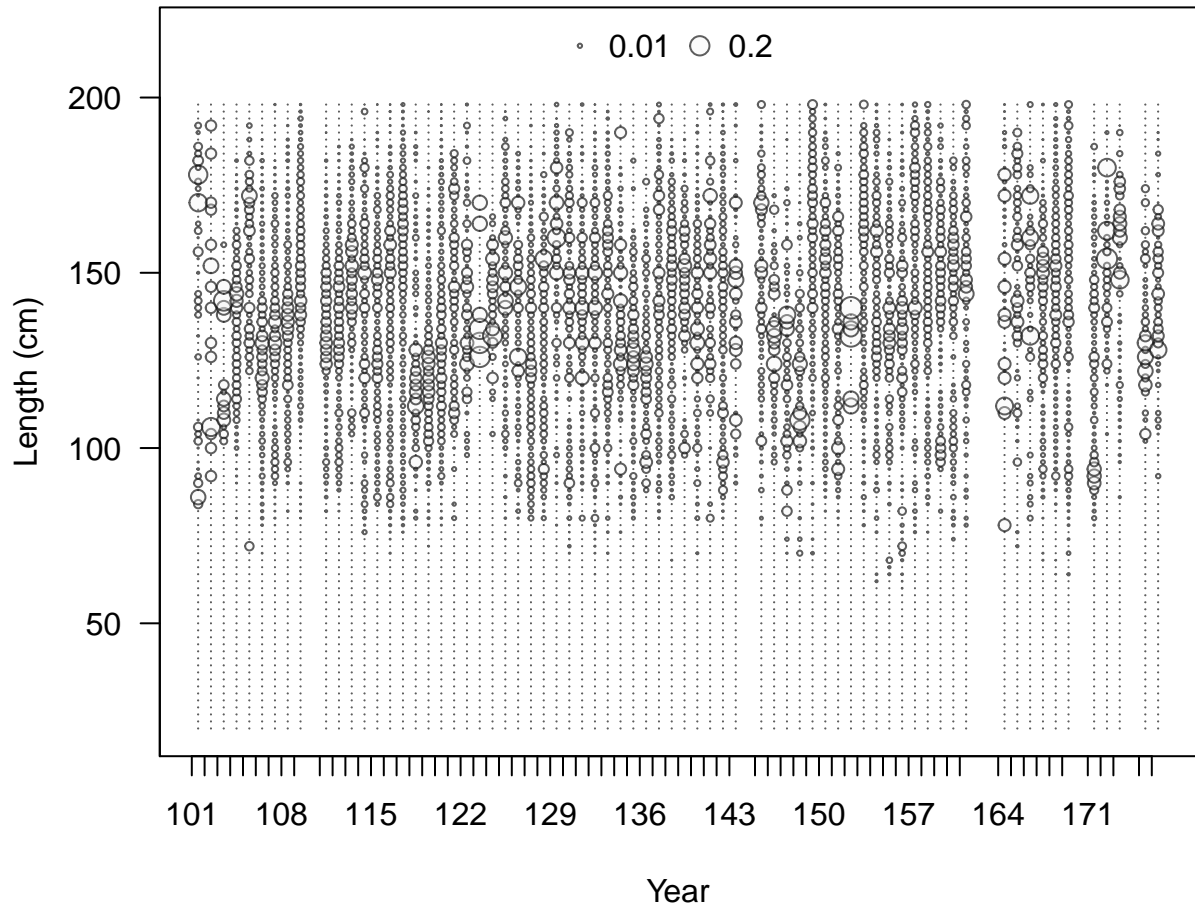
Proportion



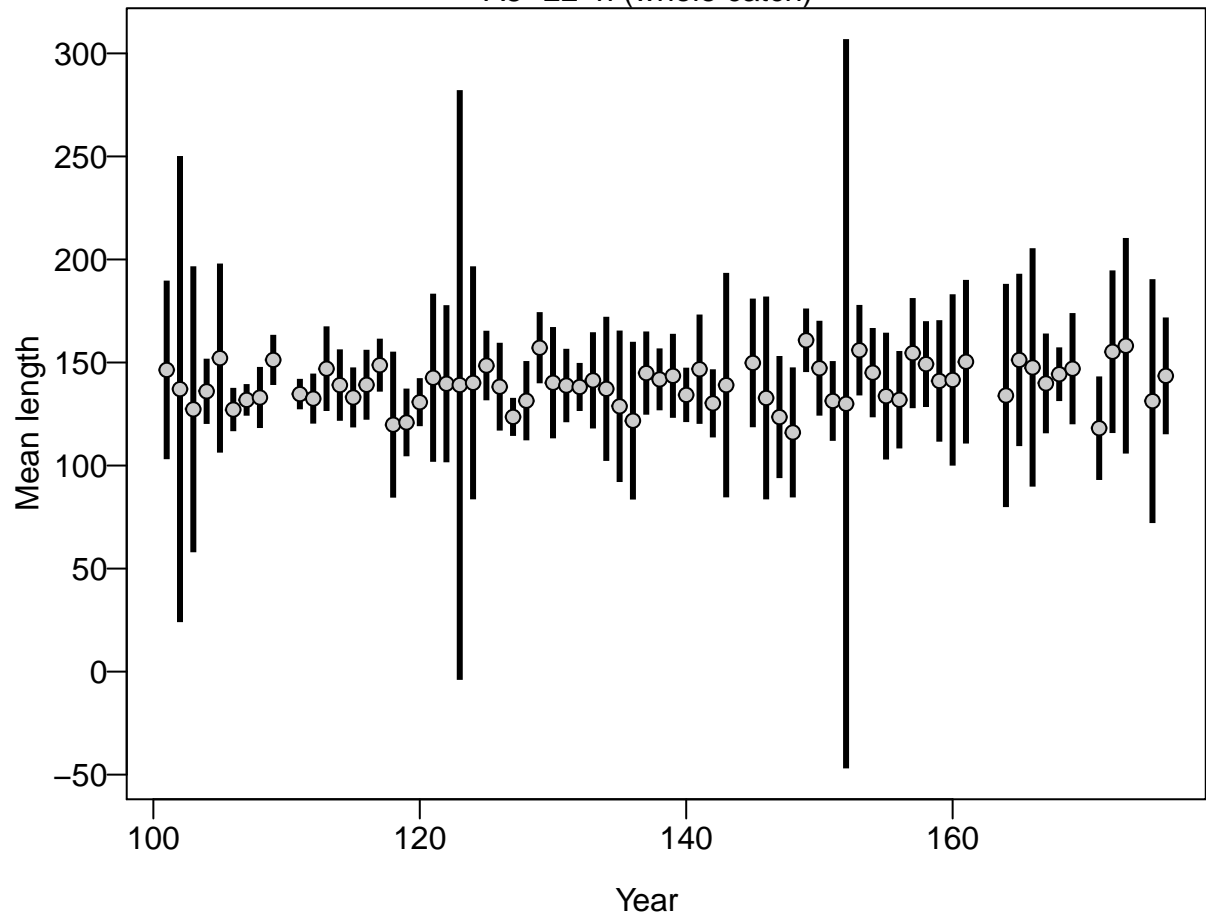
Proportion



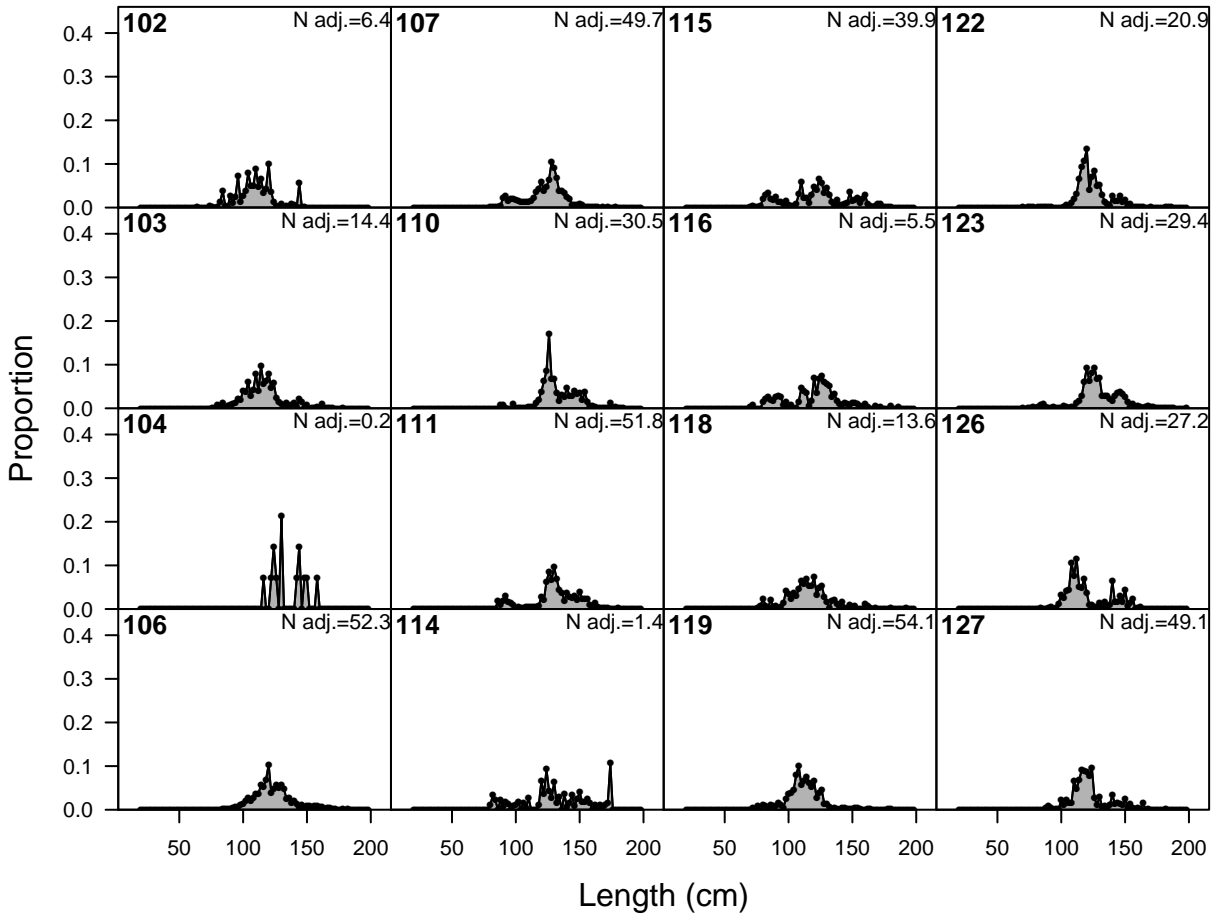
Length (cm)

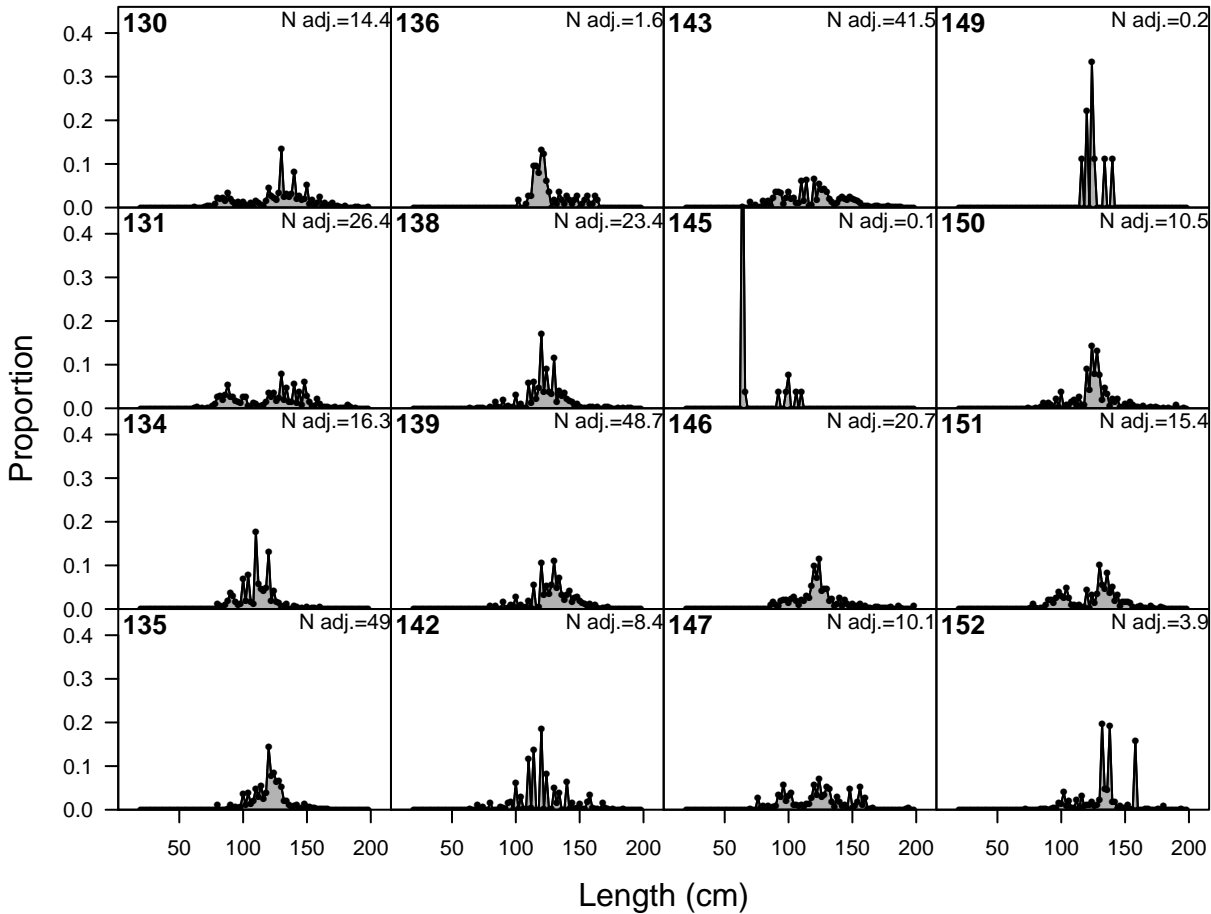


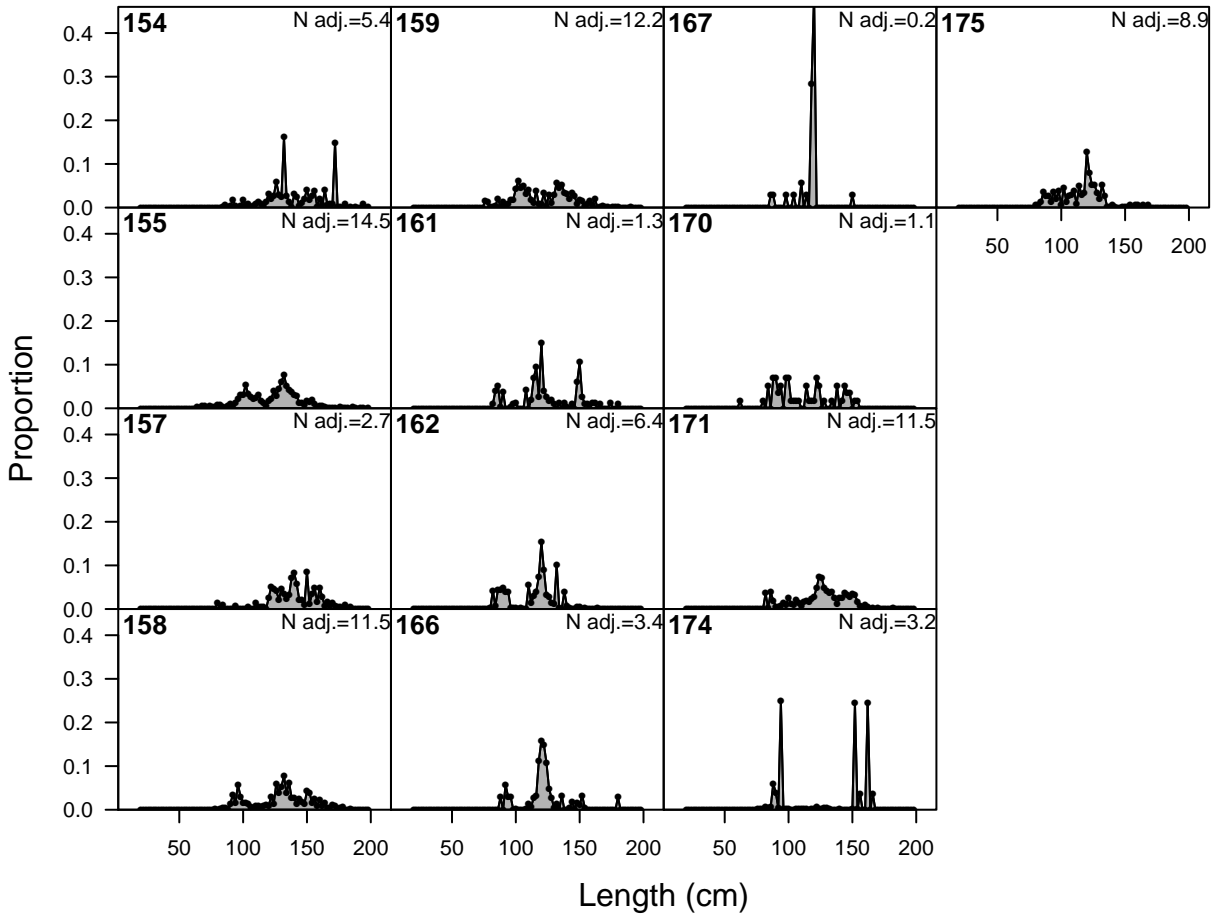
A5-LL-n (whole catch)











Length (cm)

200

150

100

50

◦ 0.01 ○ 0.5 ○ 1

102

110

118

126

134

142

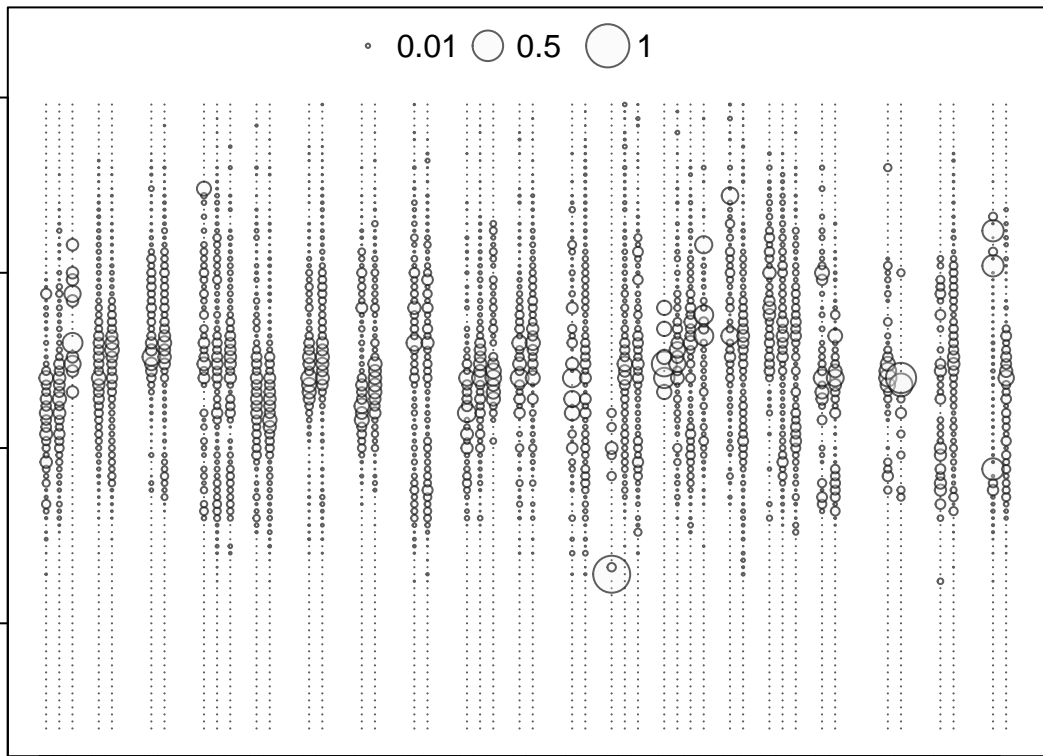
149

157

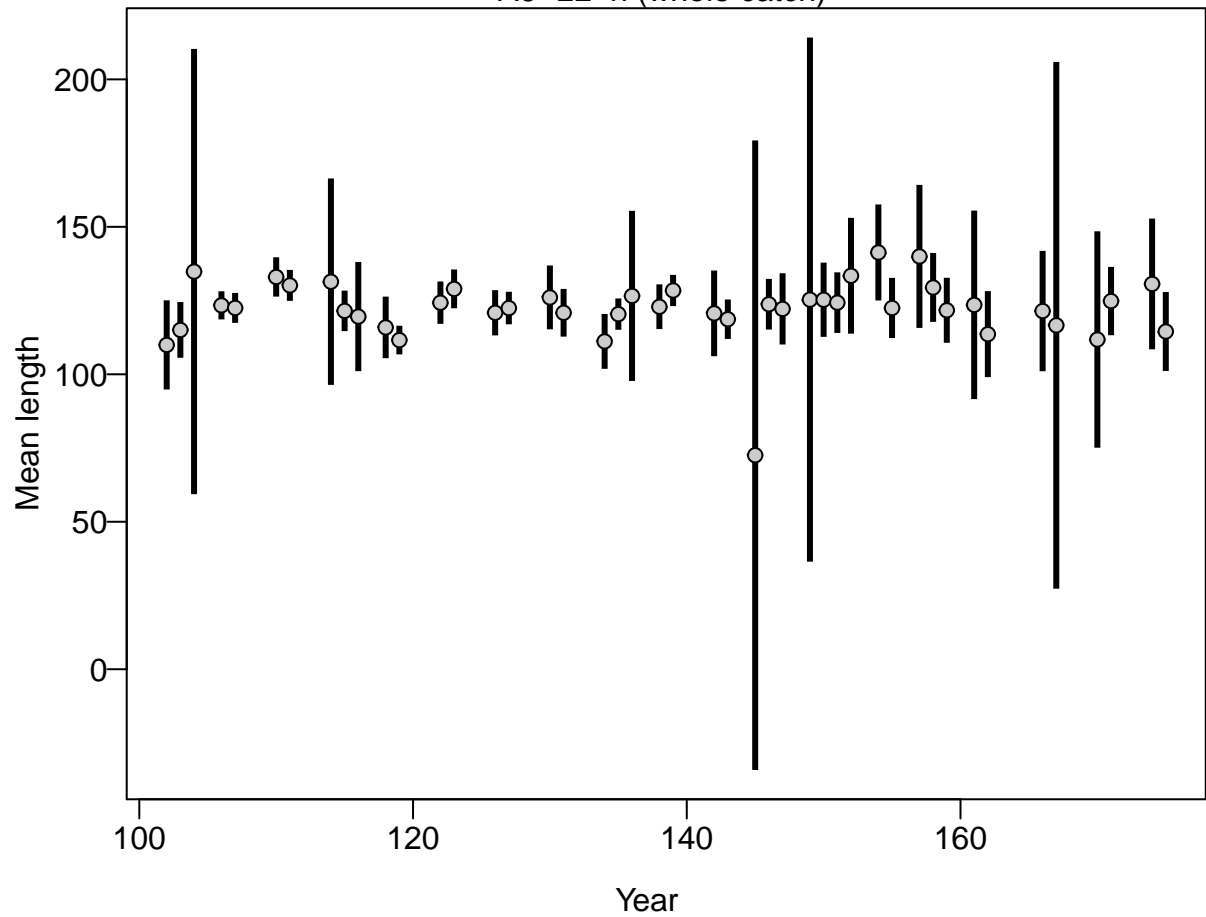
166

174

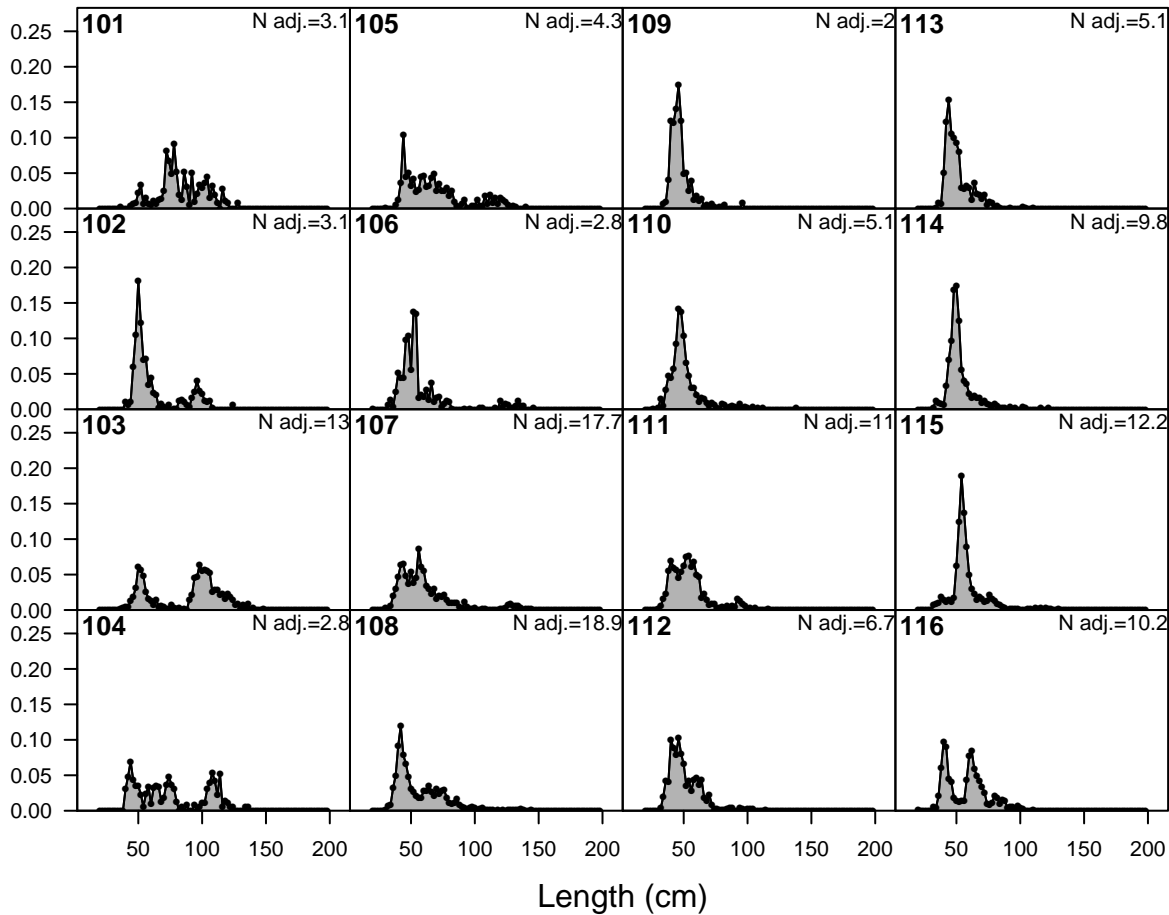
Year



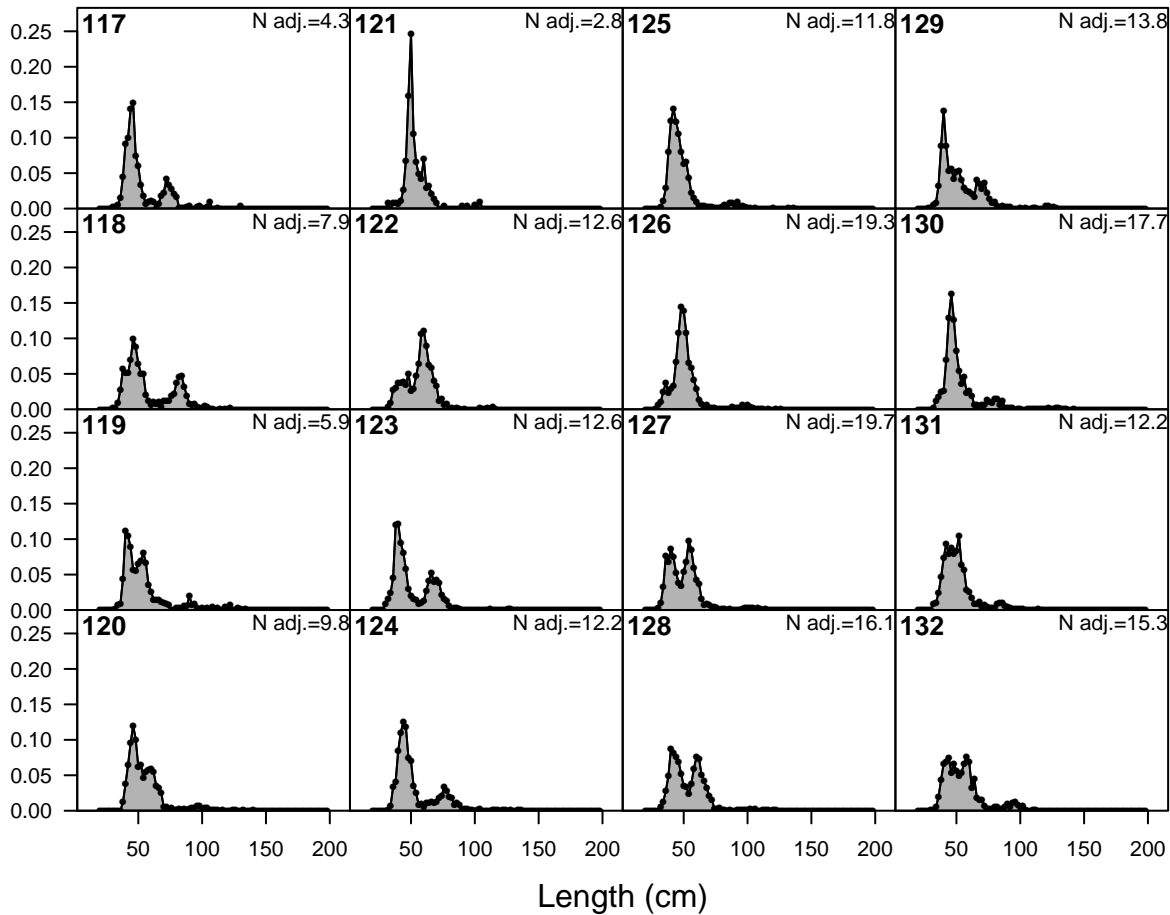
A6-LL-n (whole catch)



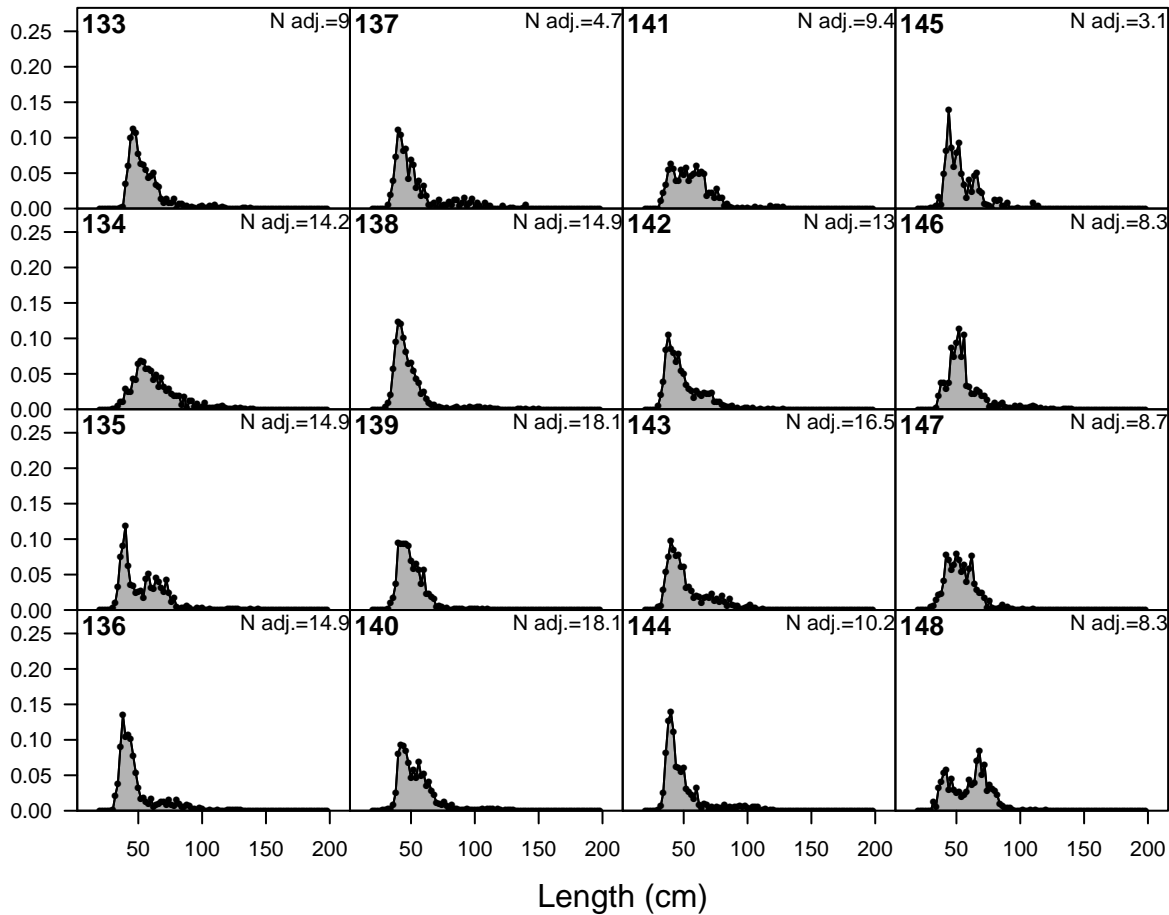
Proportion



Proportion

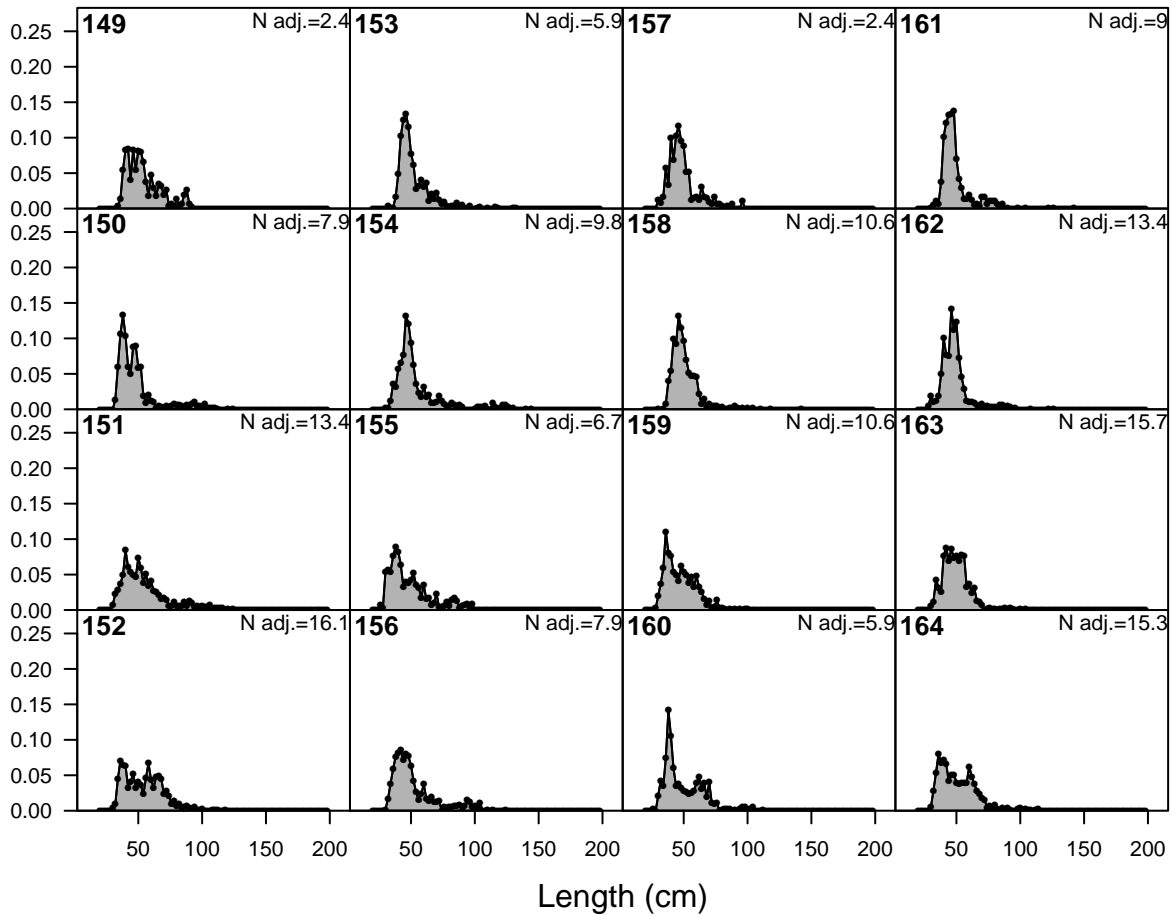


Proportion

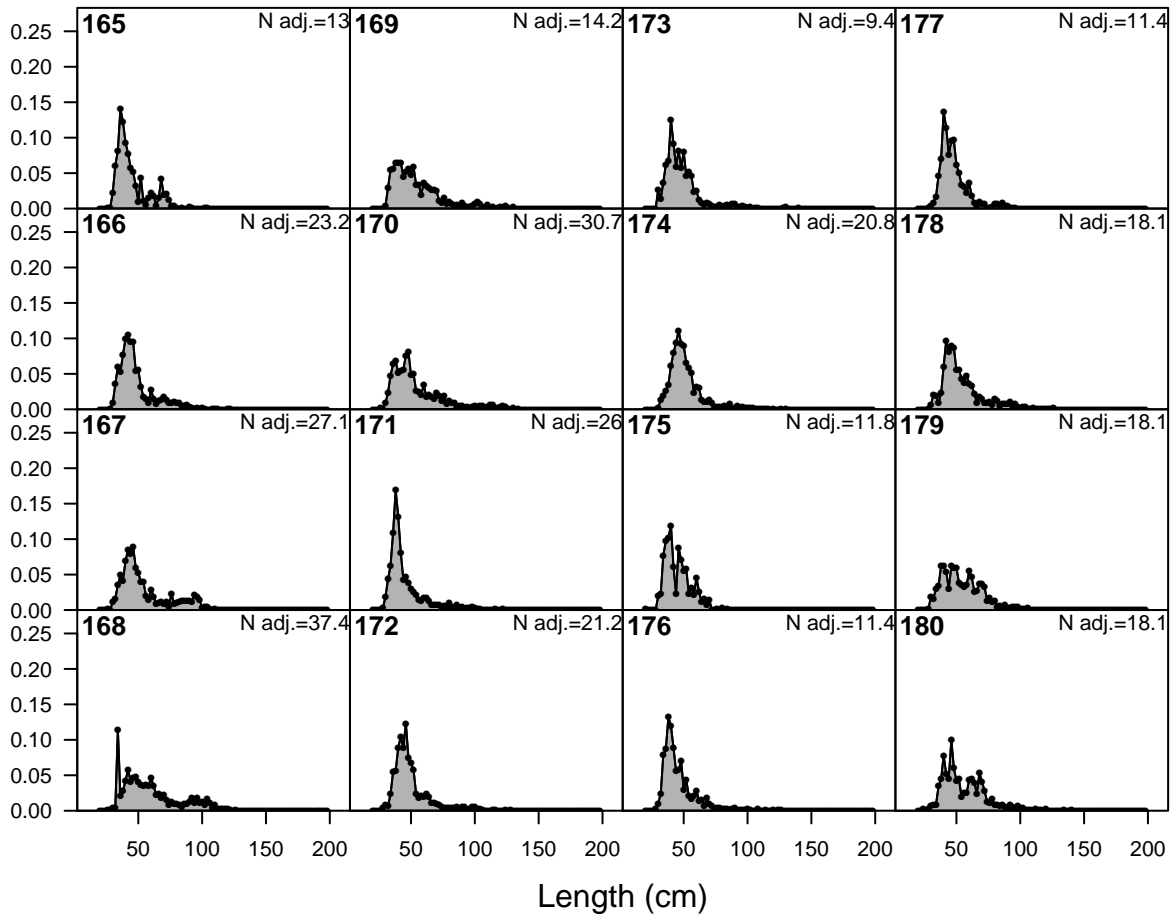




Proportion



Proportion



Length (cm)

200

150

100

50

◦ 0.01 ○ 0.2

101

108

115

122

129

136

143

150

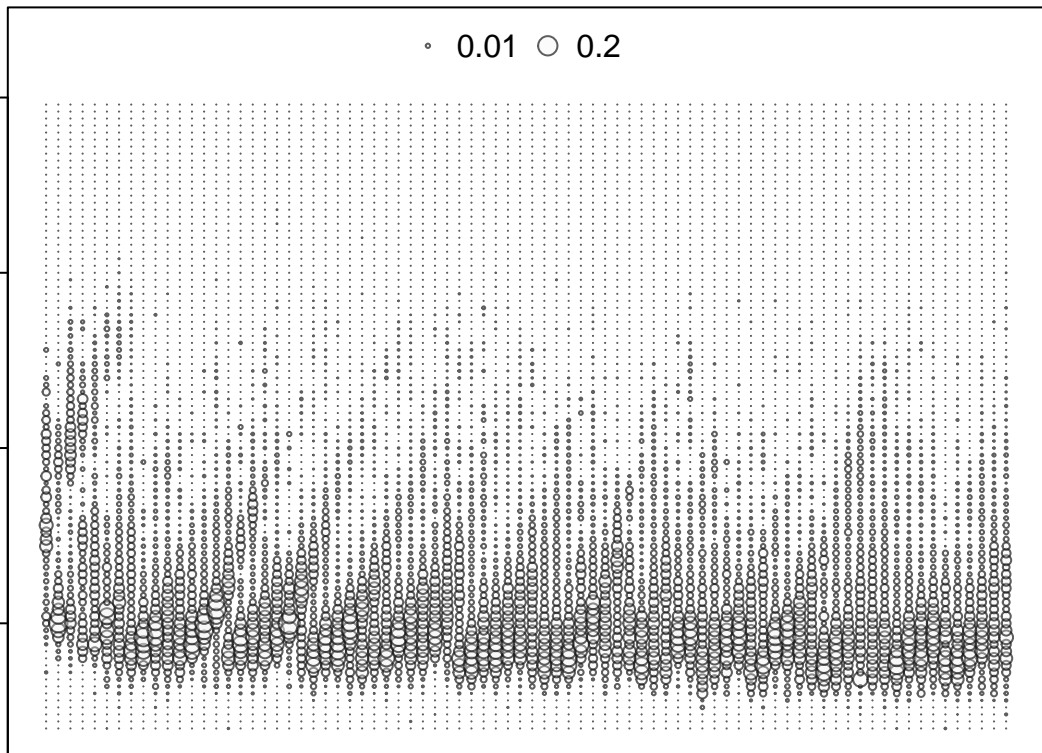
157

164

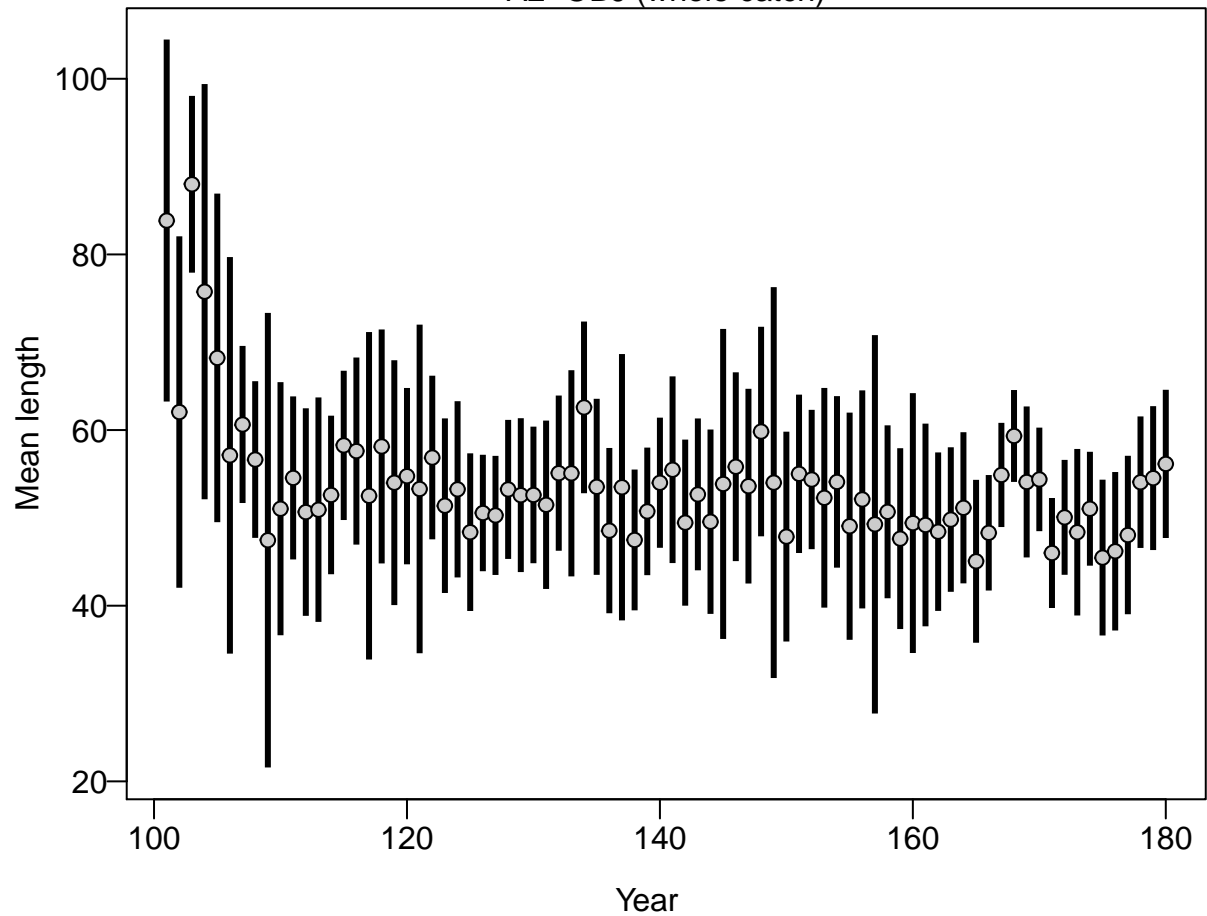
171

178

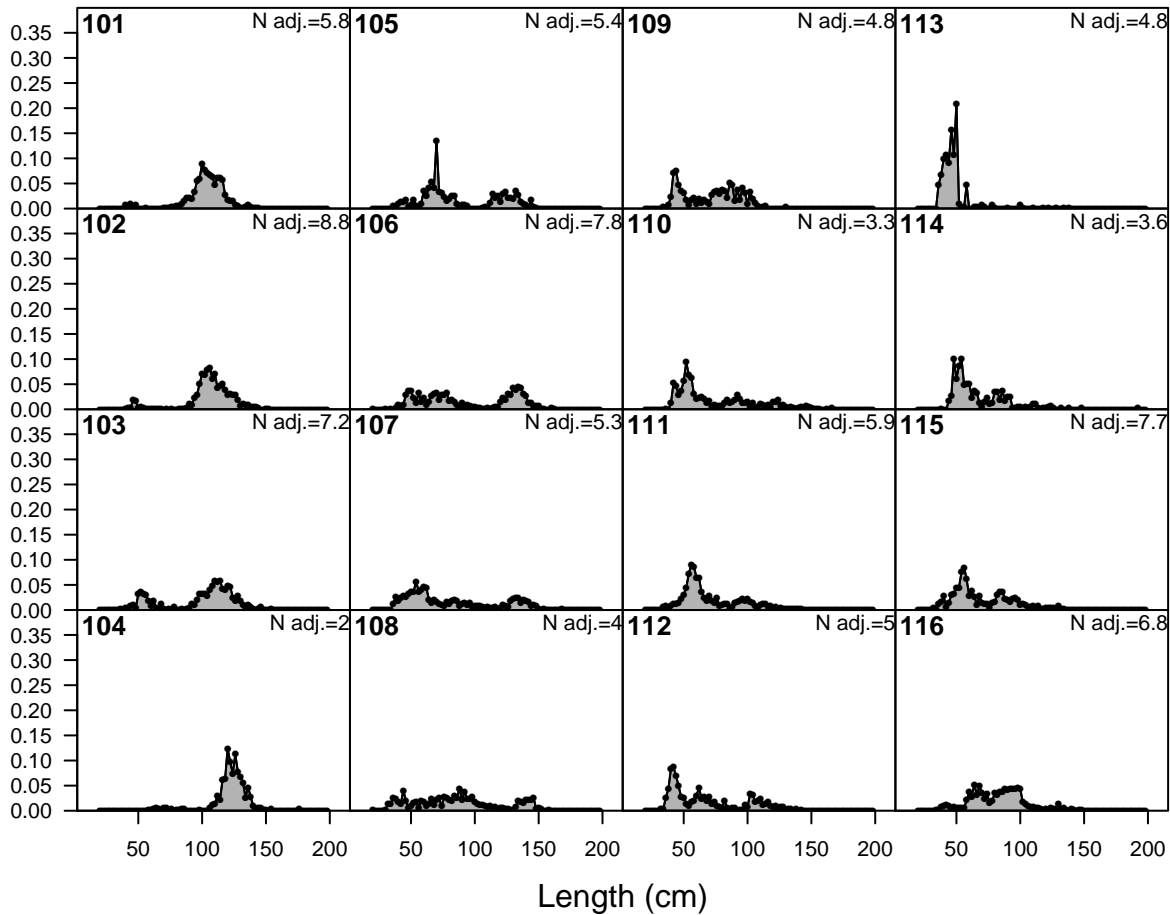
Year



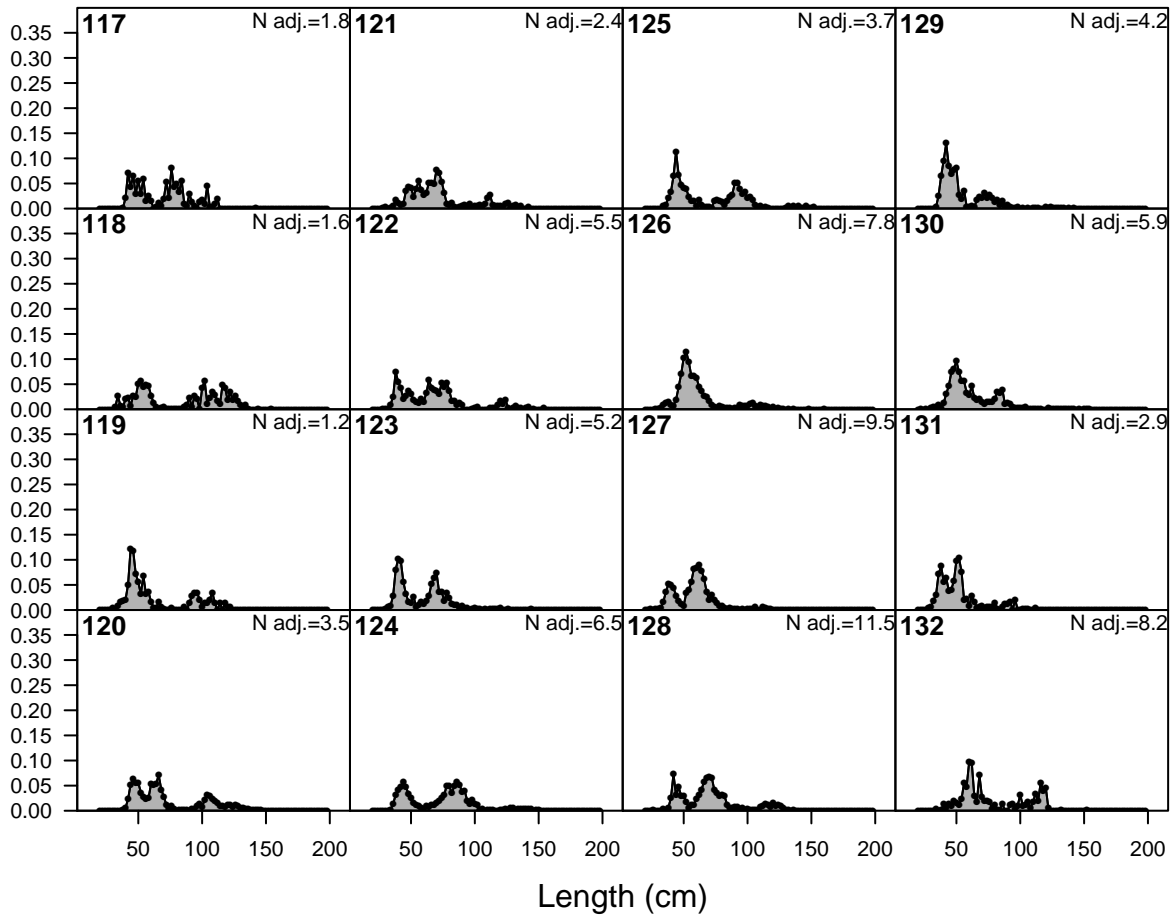
## A2-Obj (whole catch)



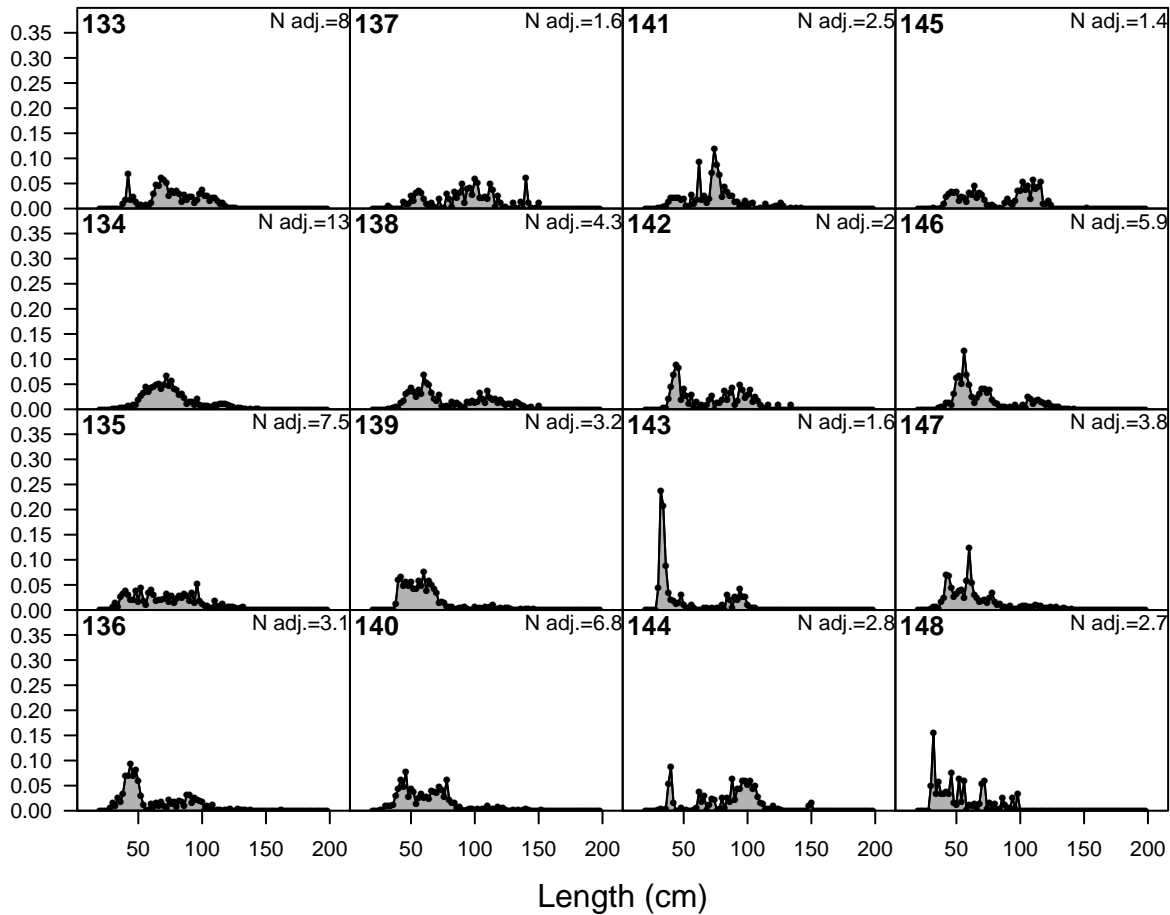
Proportion



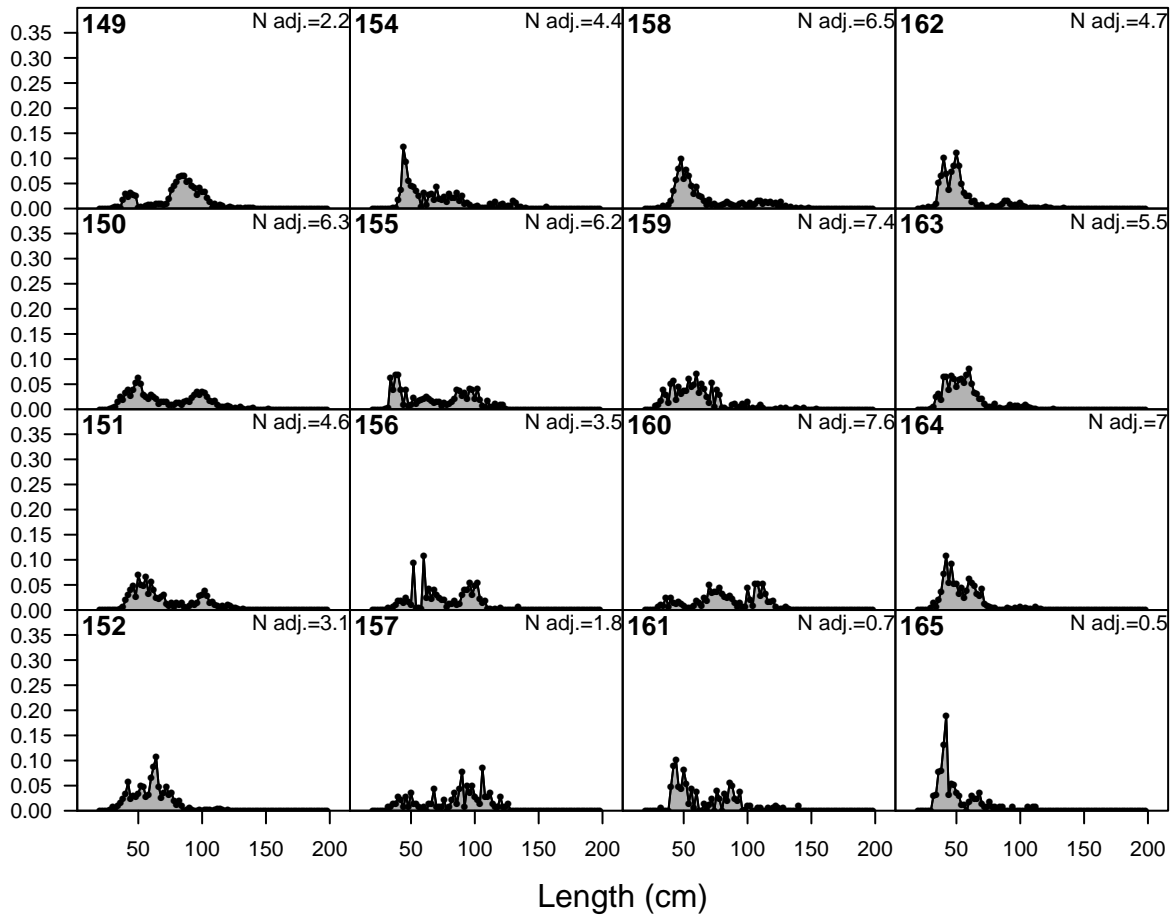
Proportion



Proportion

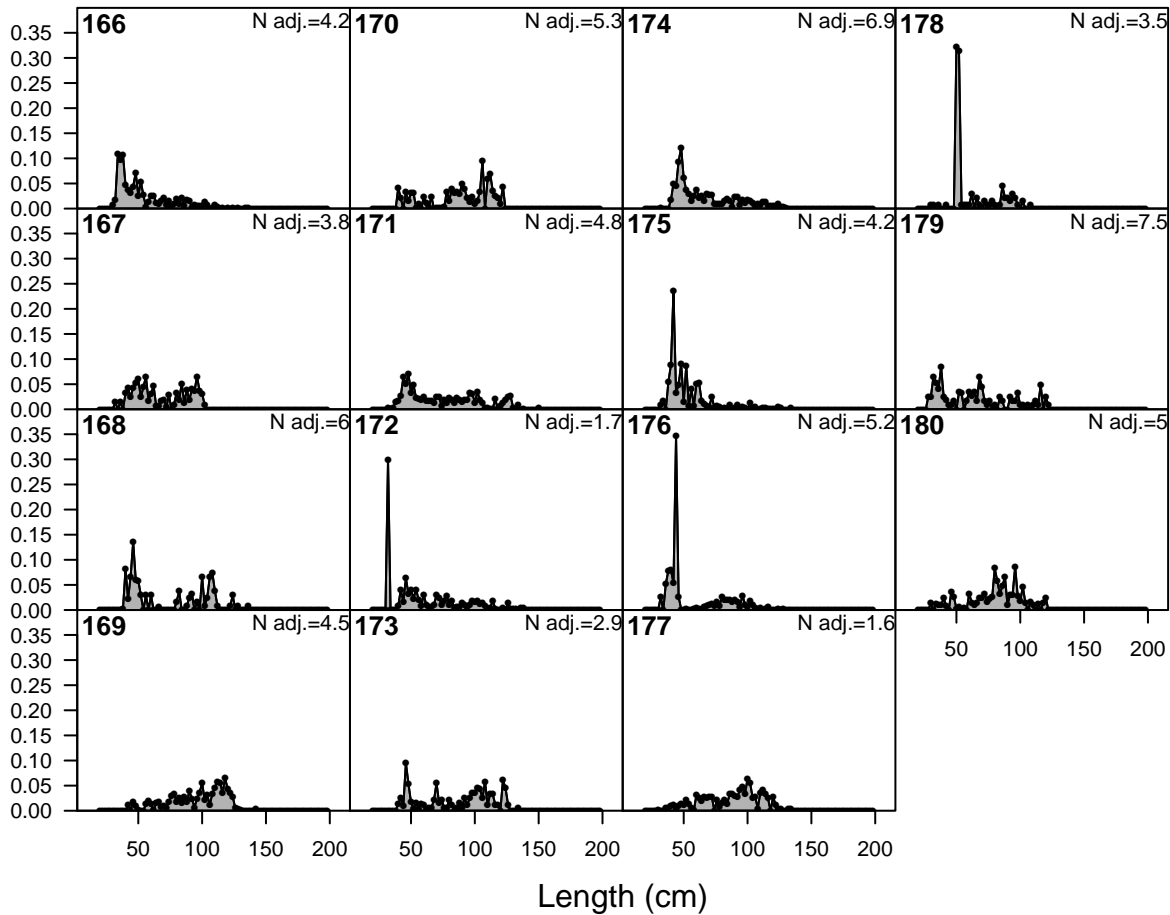


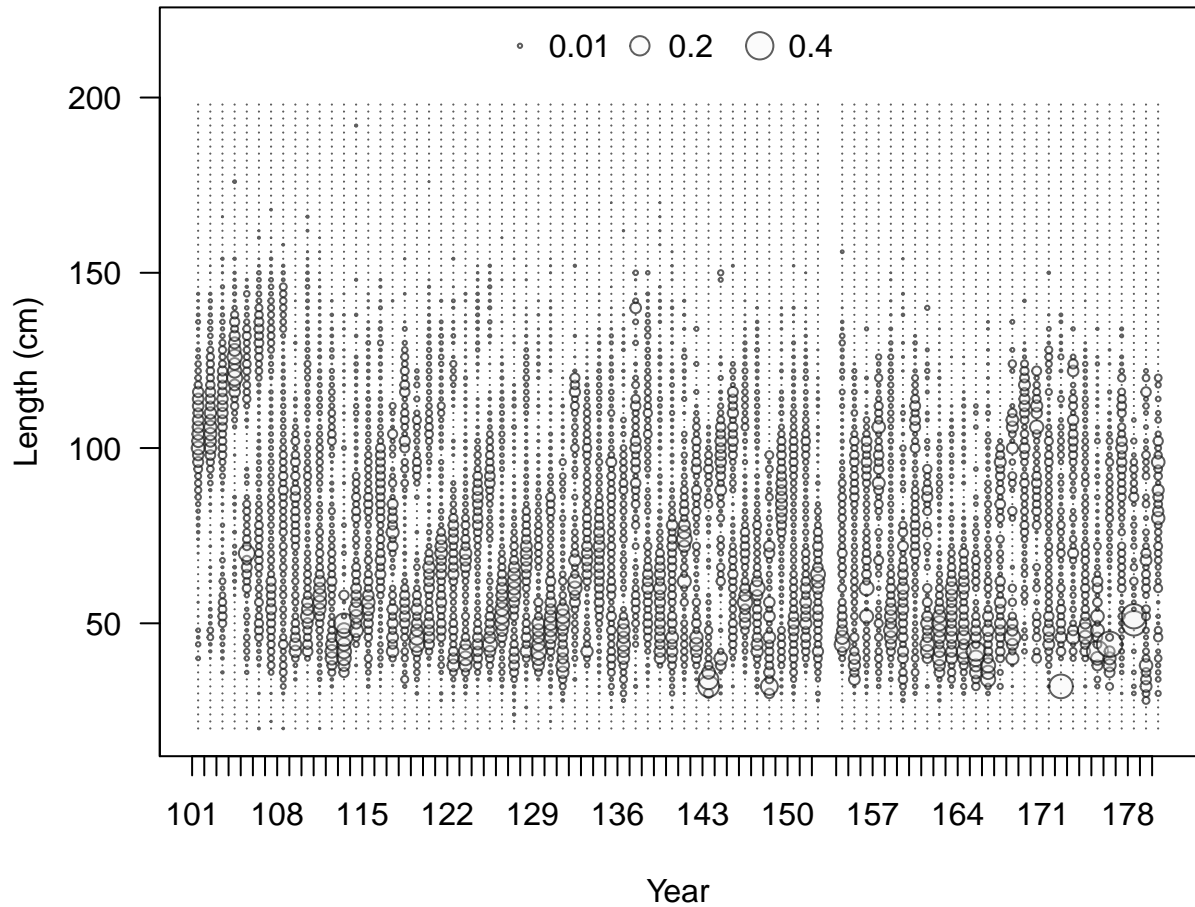
Proportion



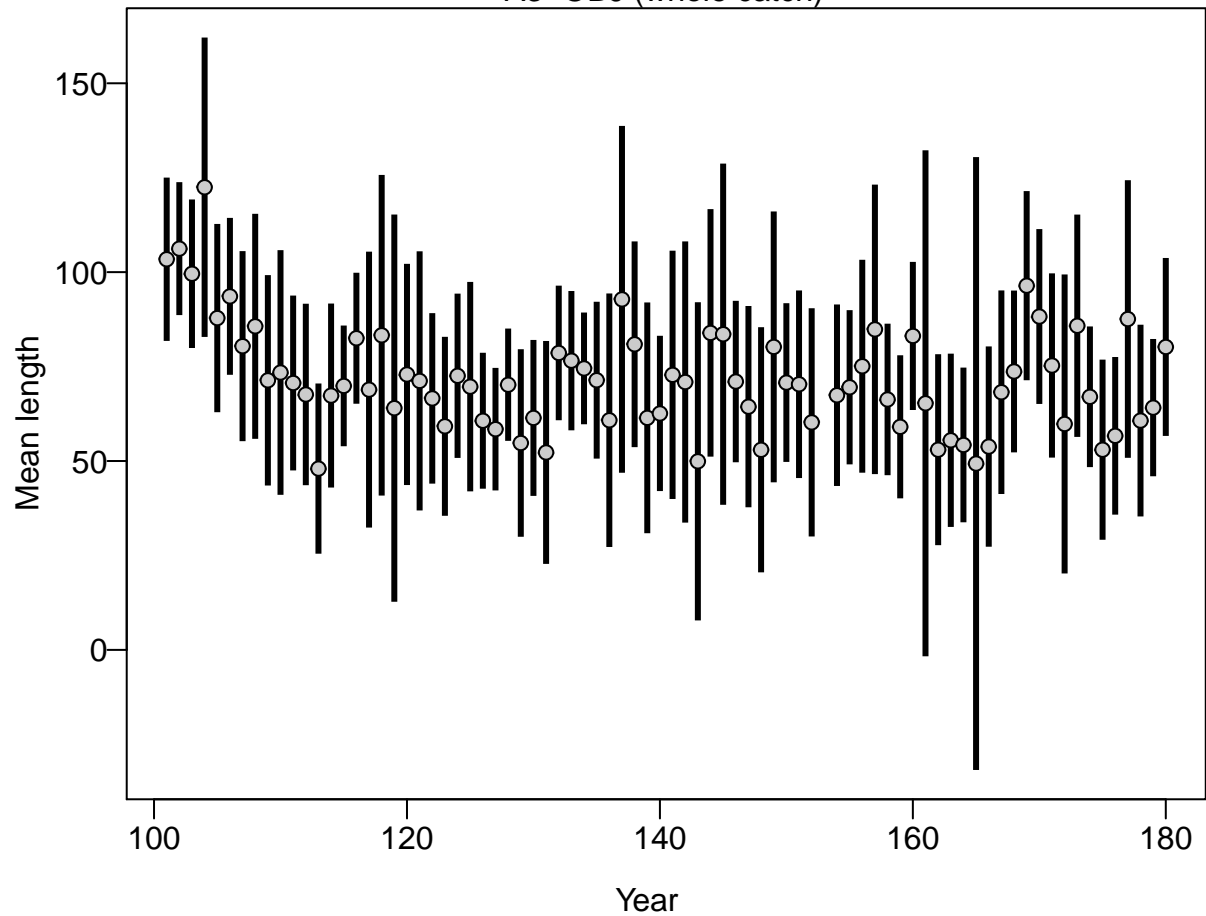


Proportion

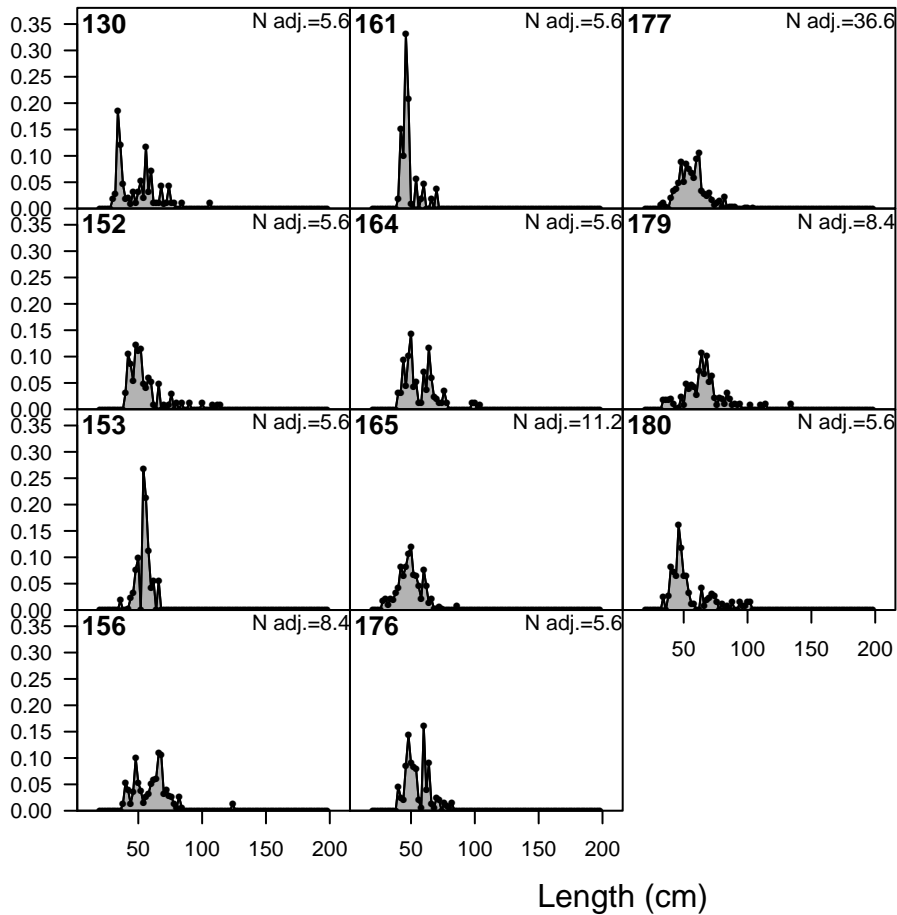


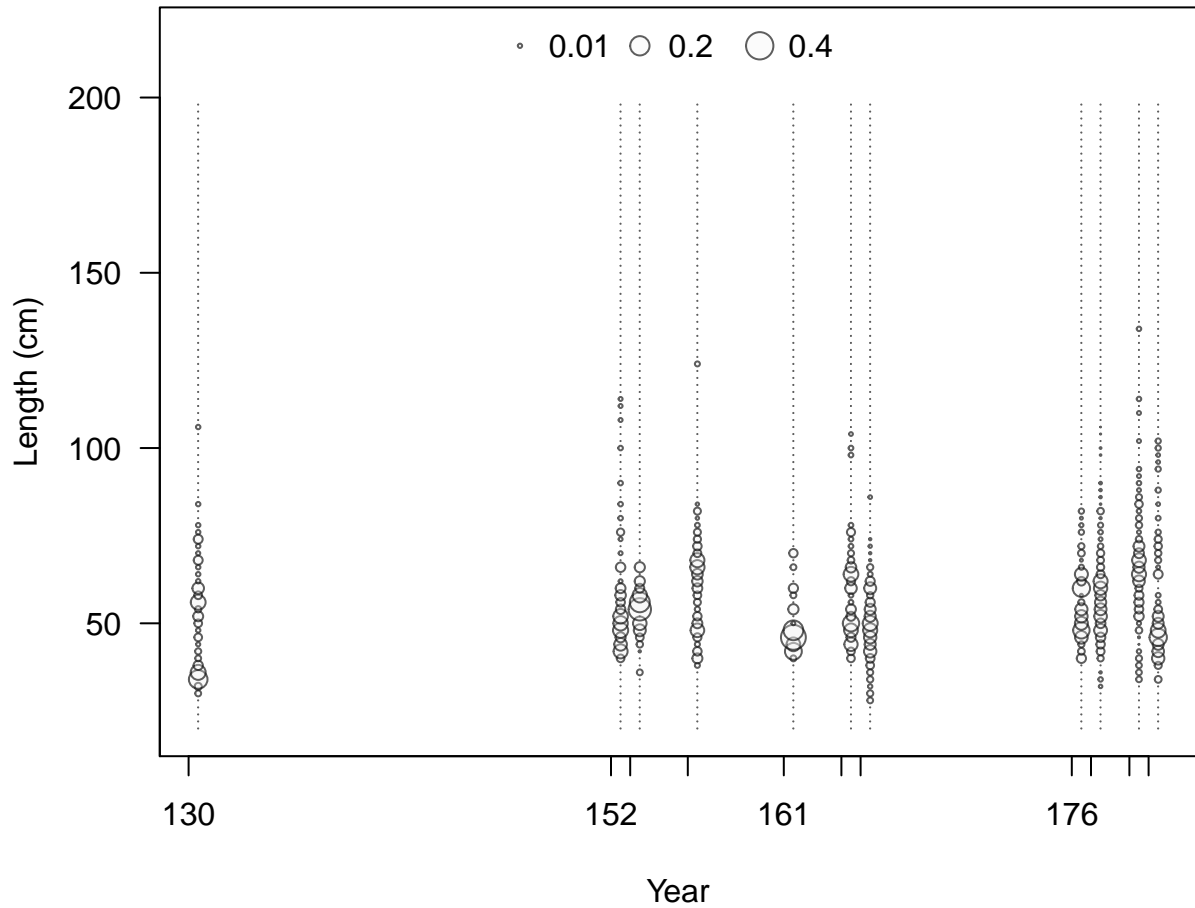


## A3-OBJ (whole catch)

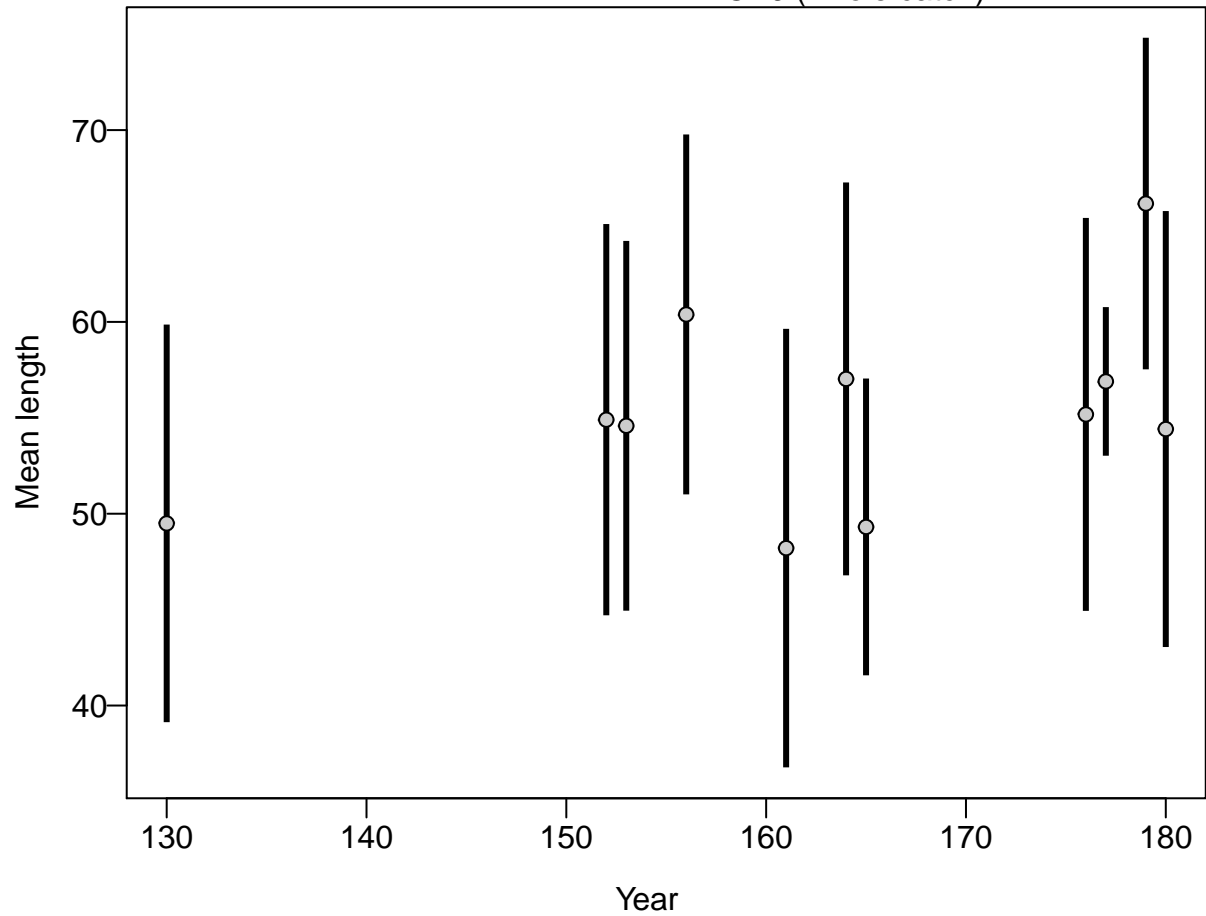


Proportion

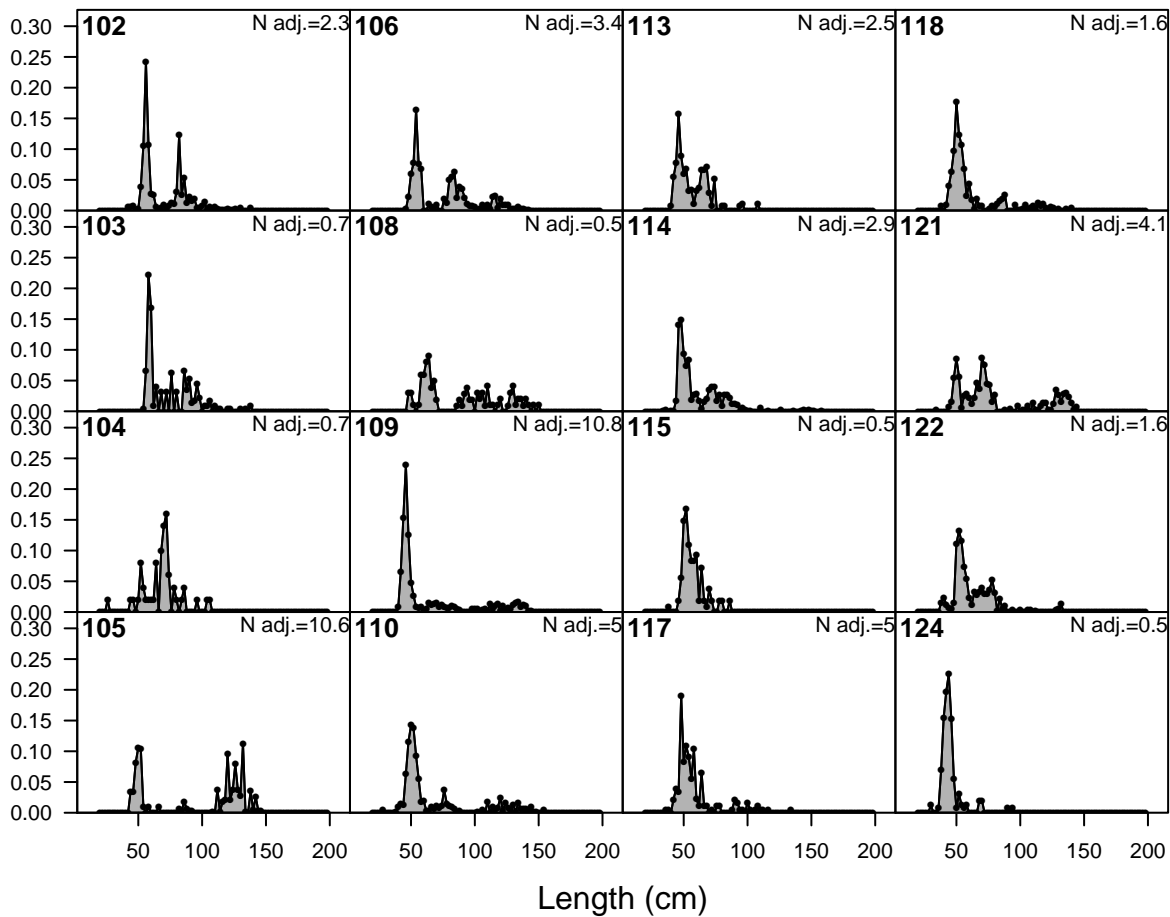




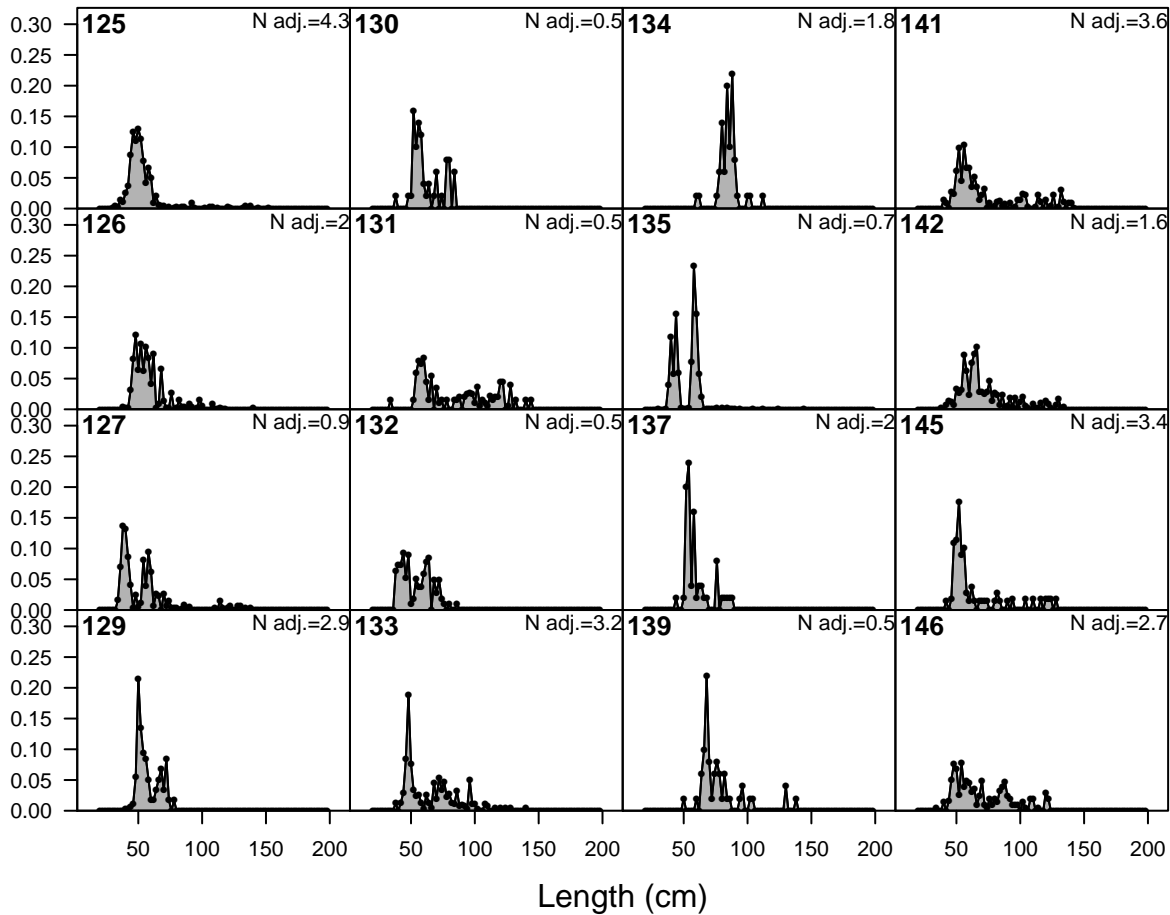
## A4-OBJ (whole catch)



Proportion

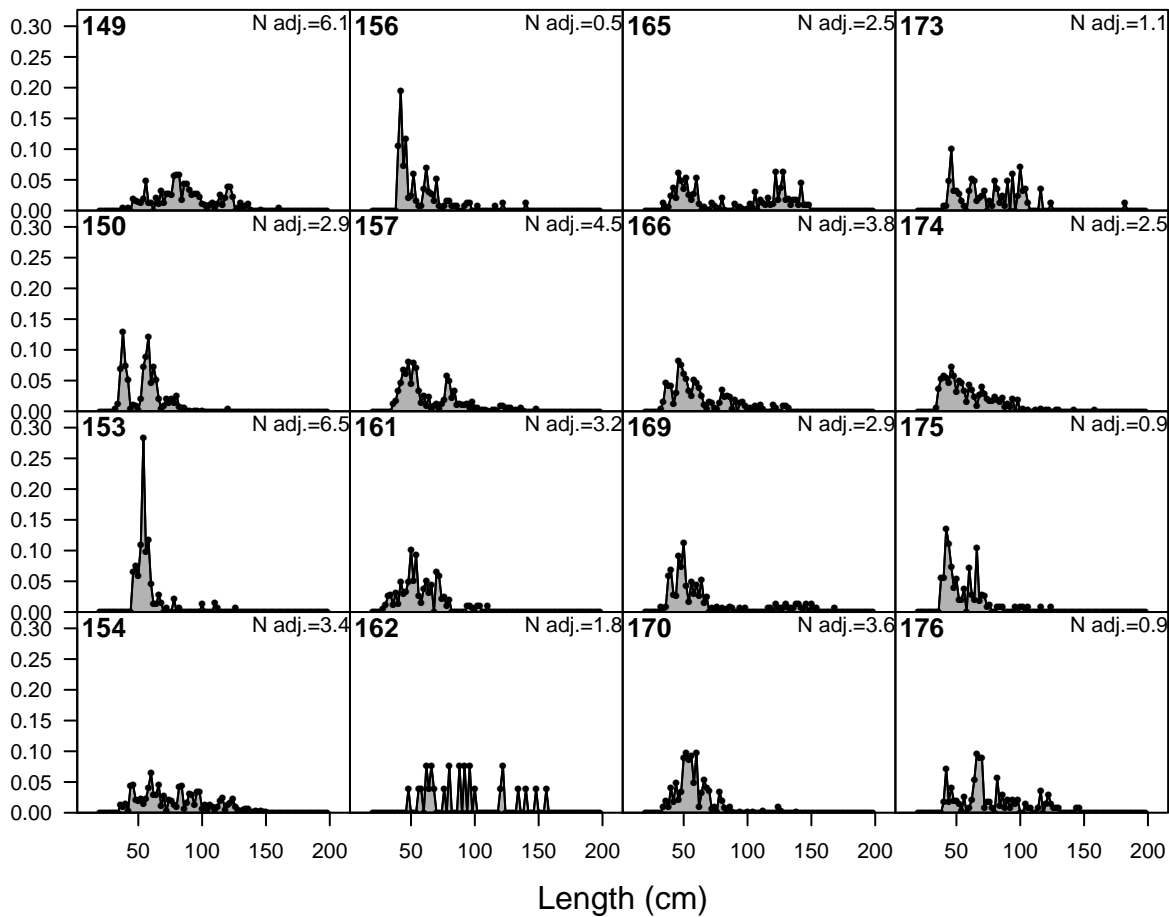


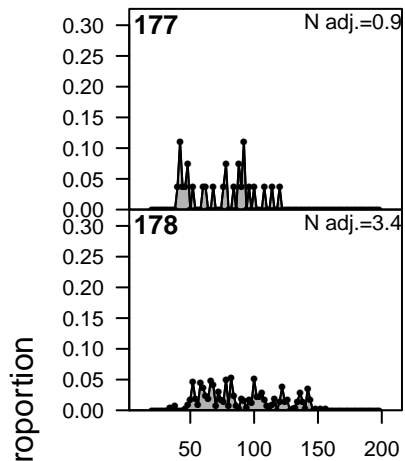
Proportion





Proportion





Length (cm)

Length (cm)

200

150

100

50

◦ 0.01 ○ 0.2

102

109

117

124

131

139

146

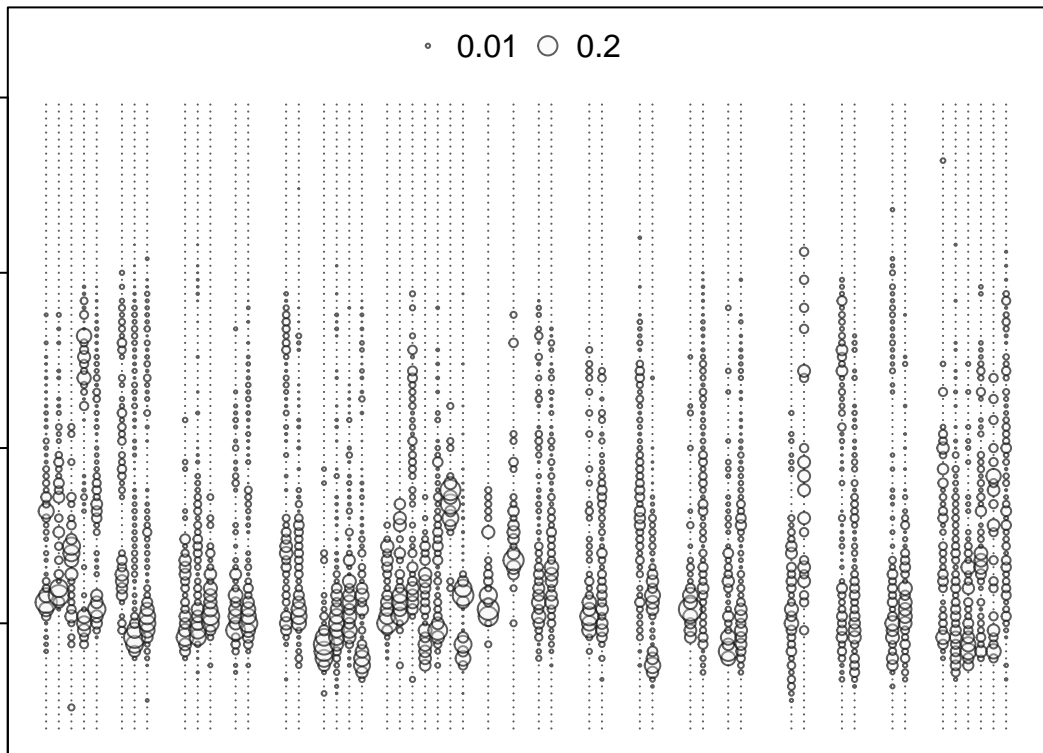
153

161

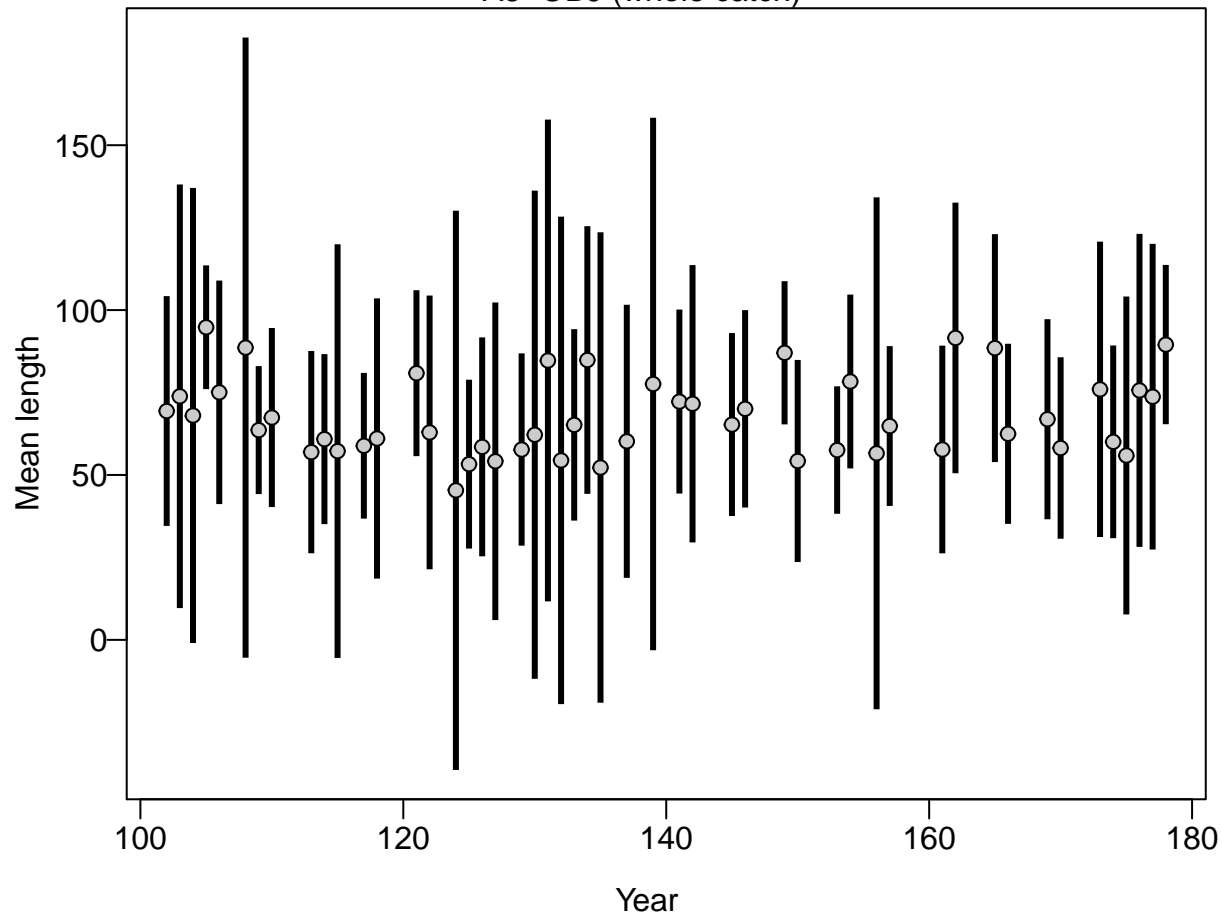
169

176

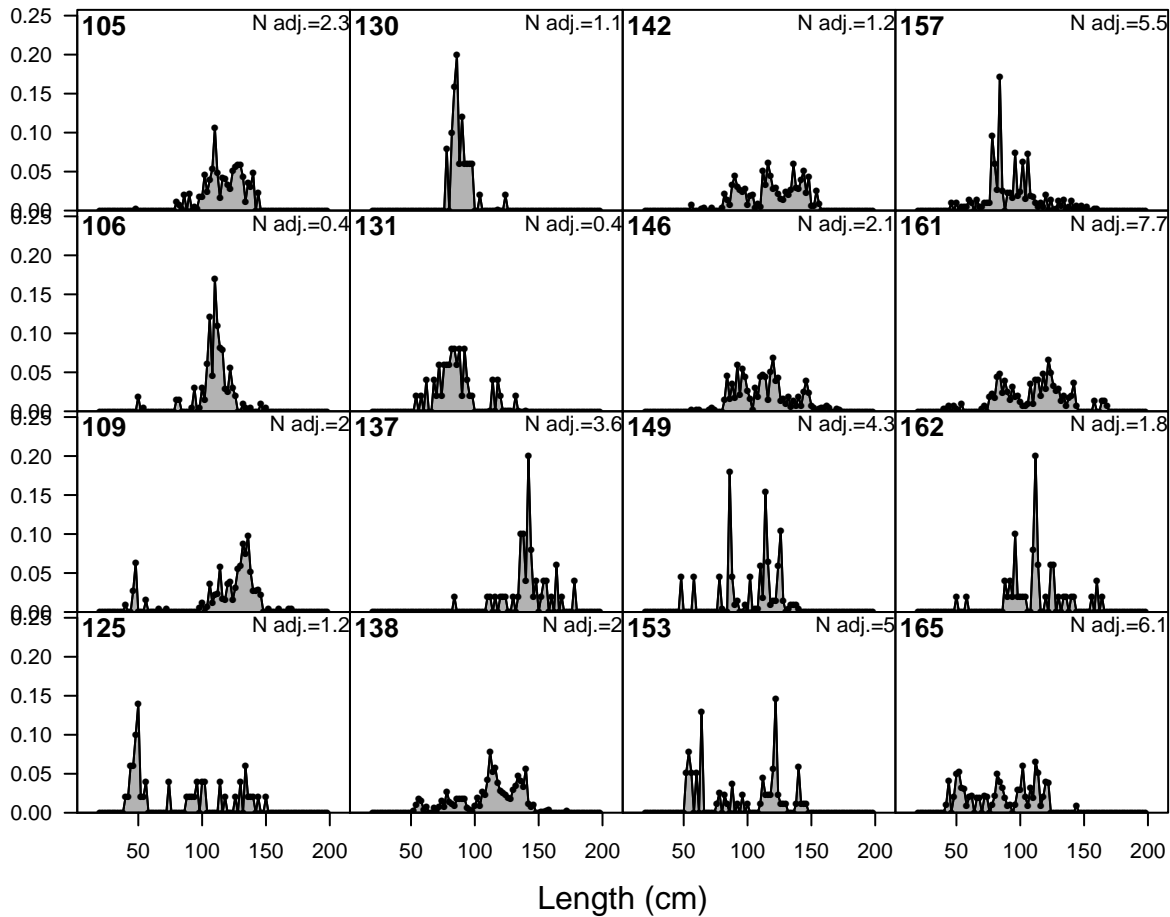
Year



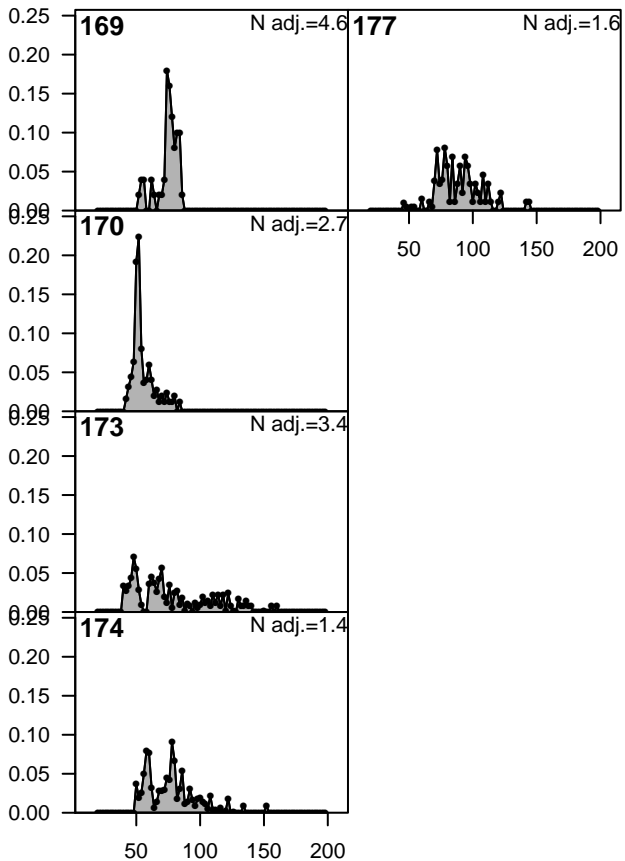
## A5-OBJ (whole catch)



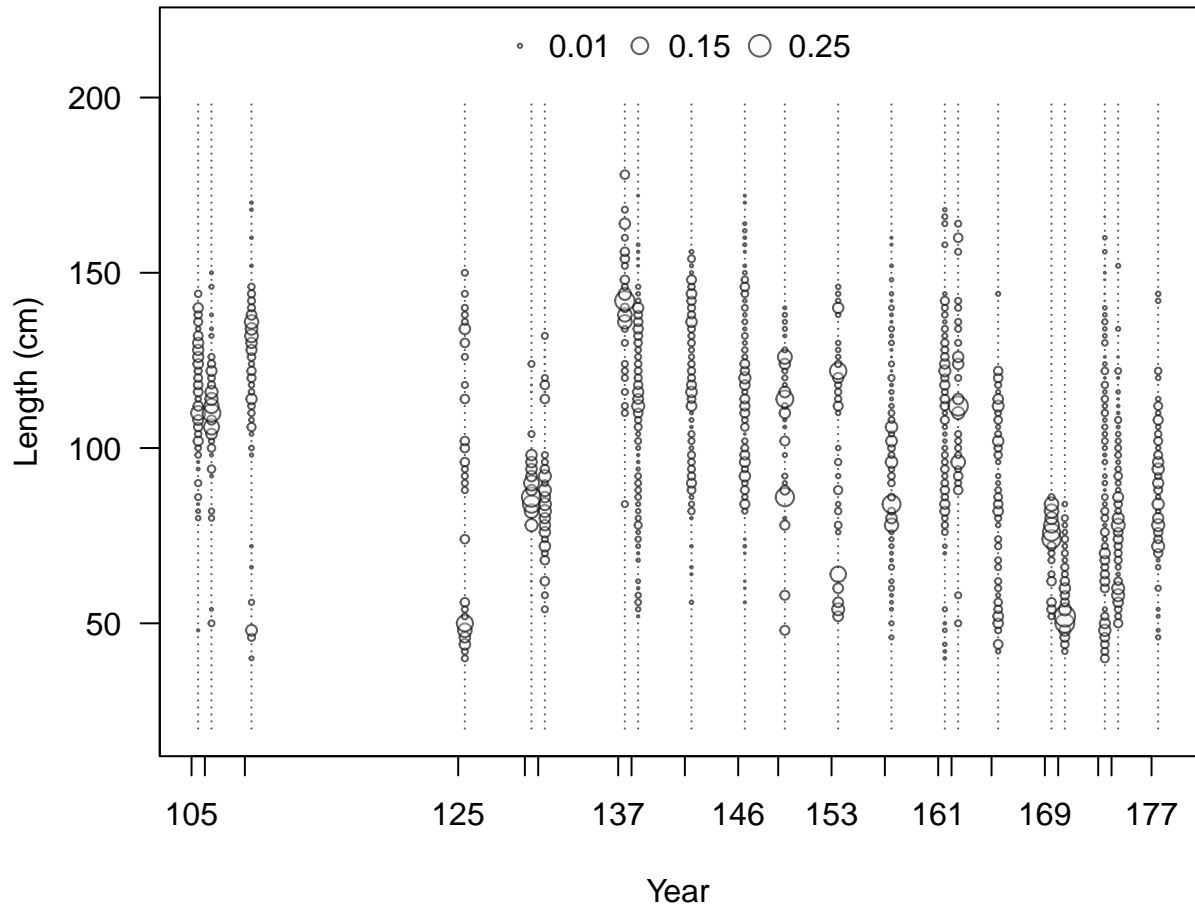
Proportion



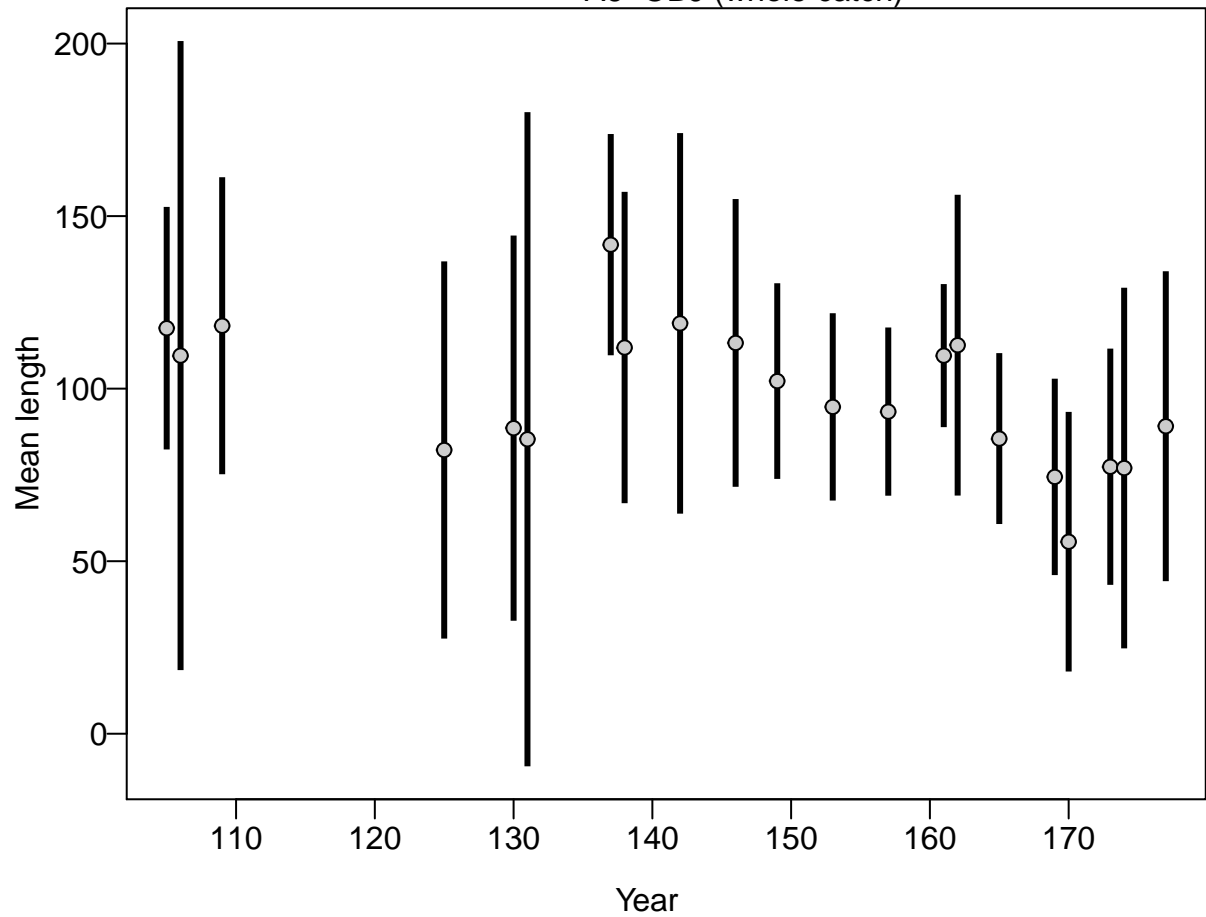
Proportion



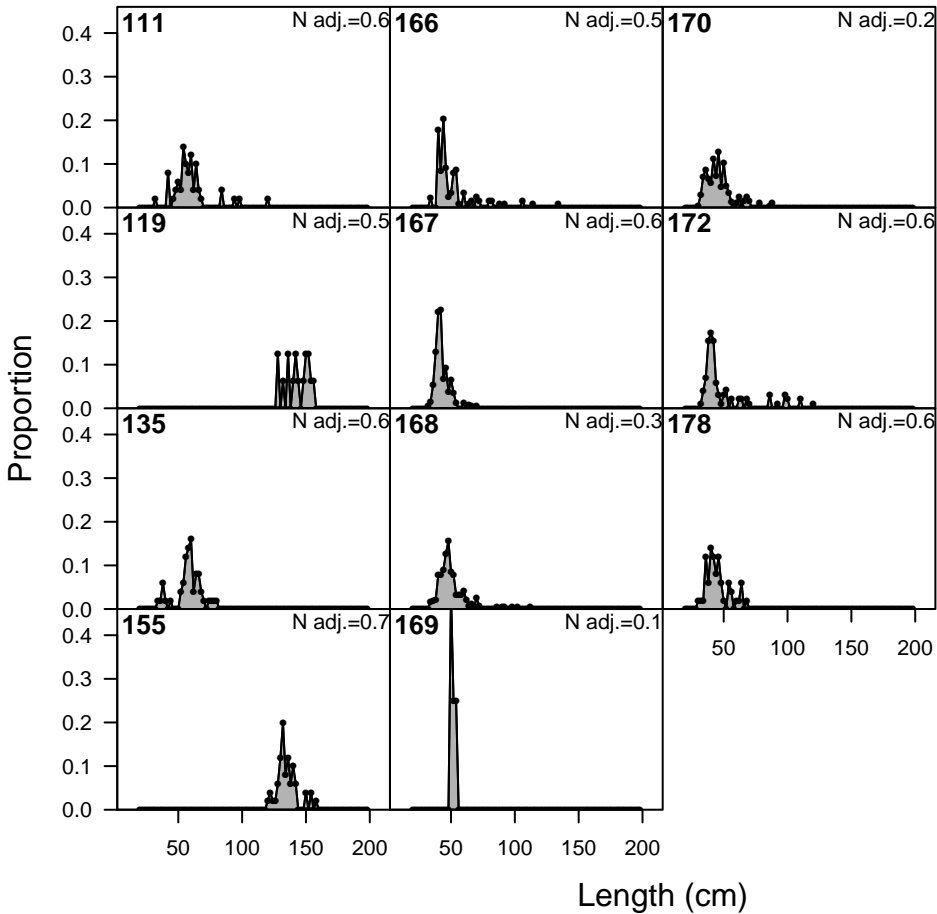
Length (cm)

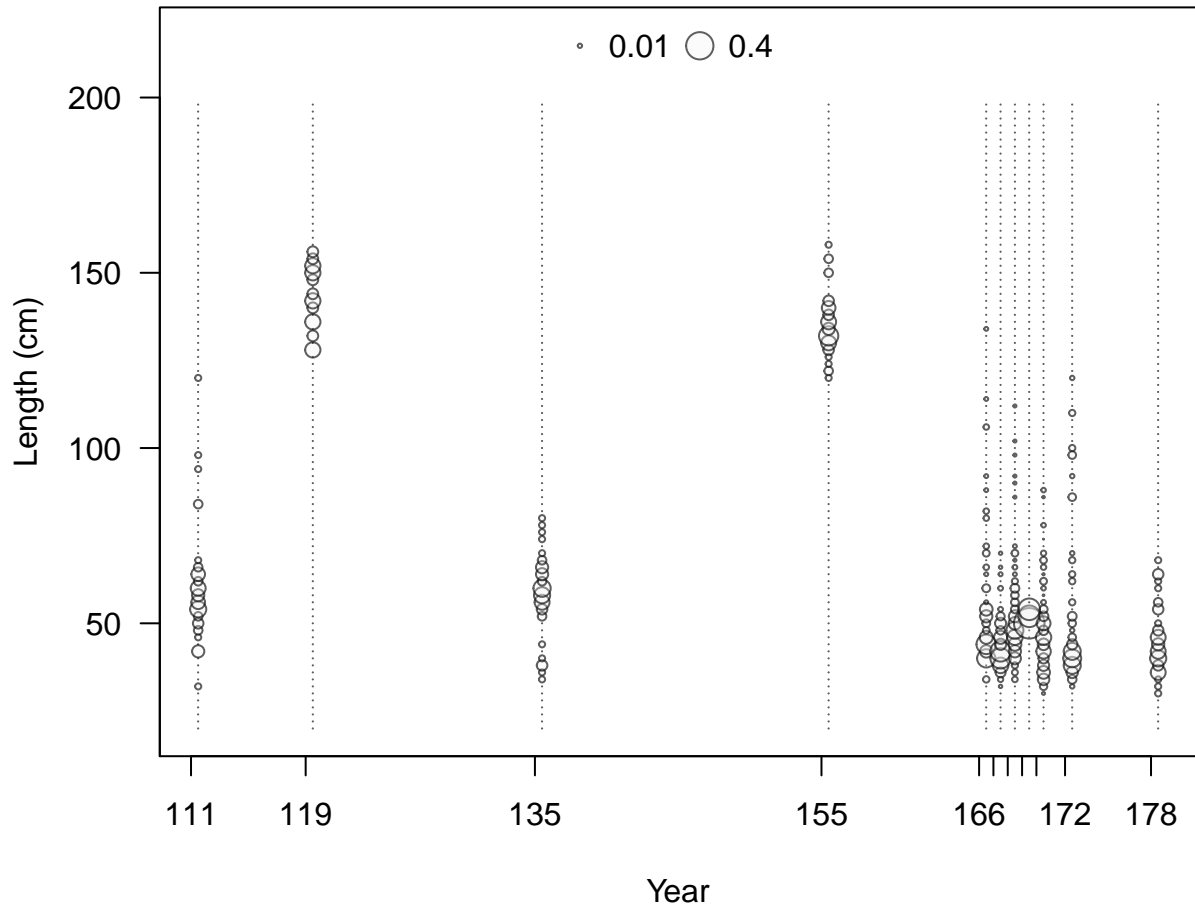


## A6-Obj (whole catch)

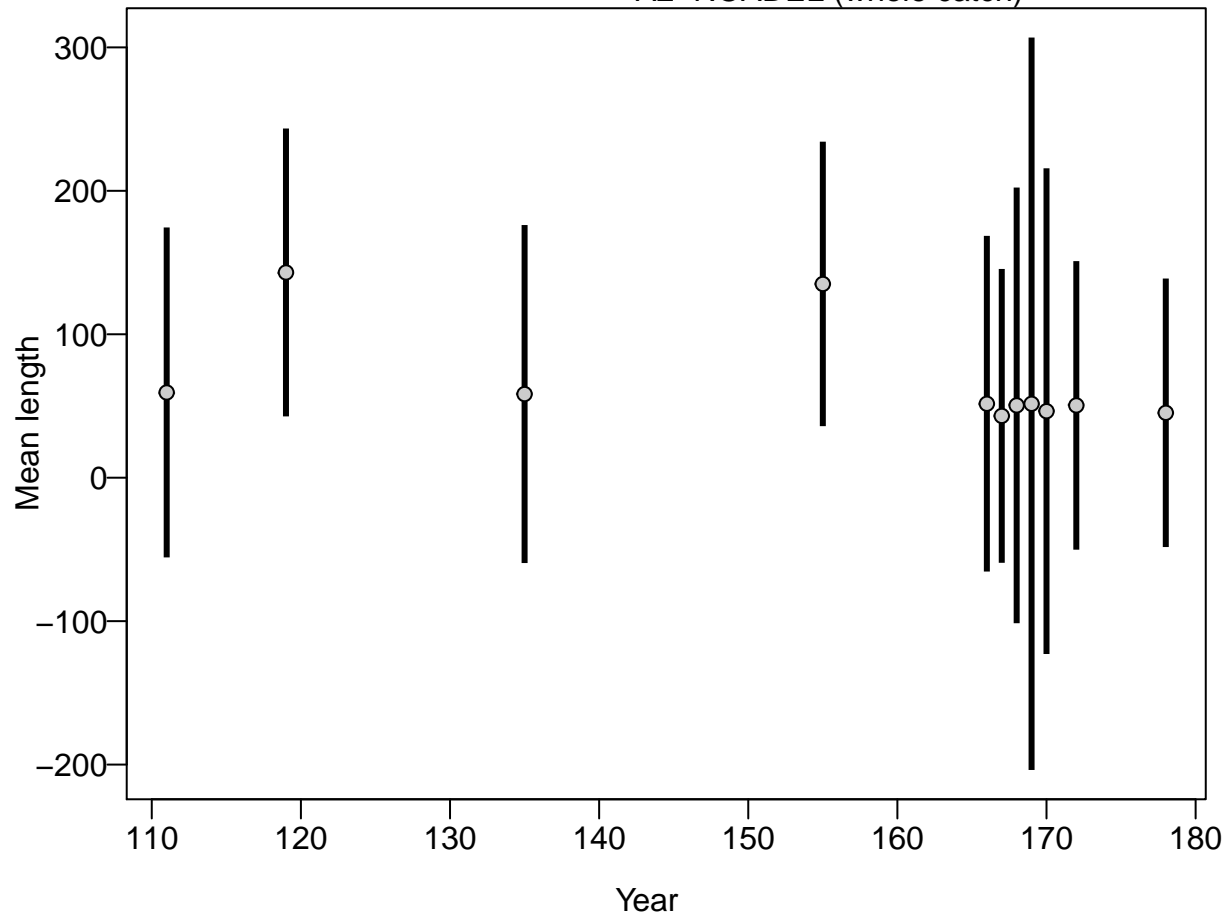


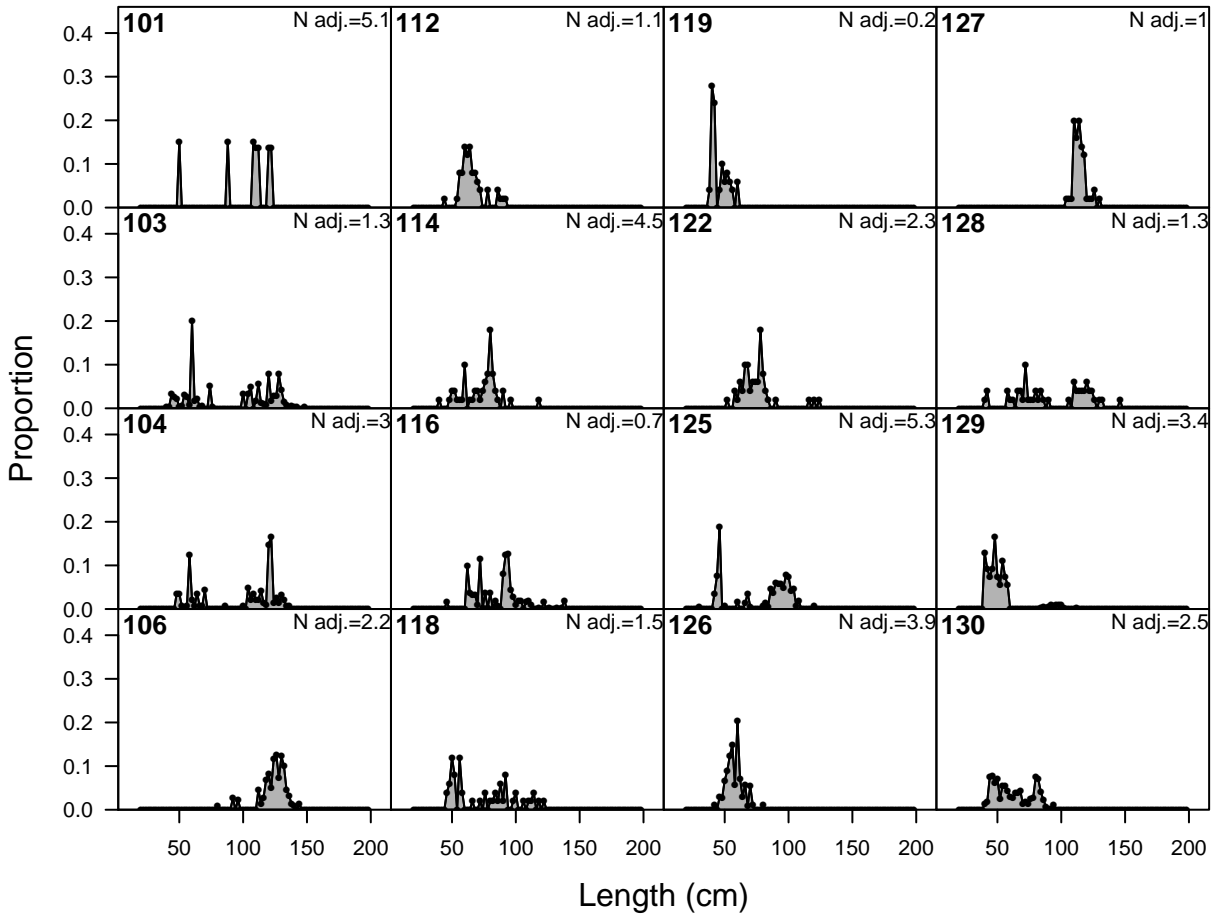


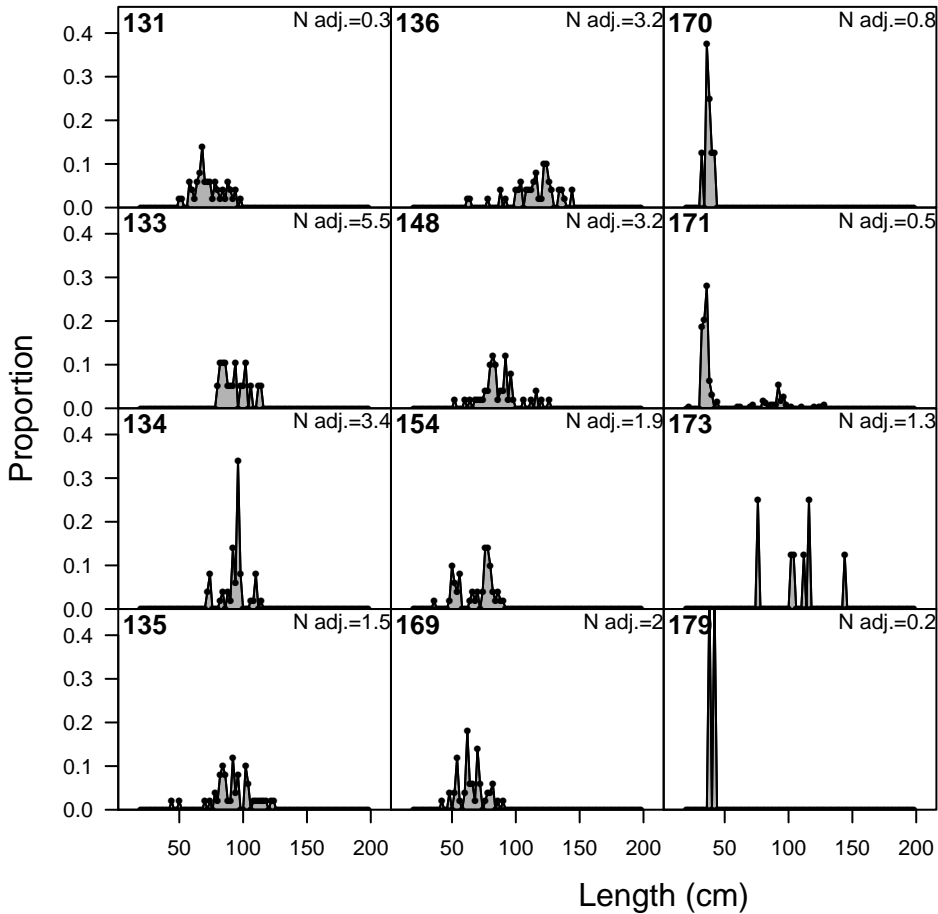


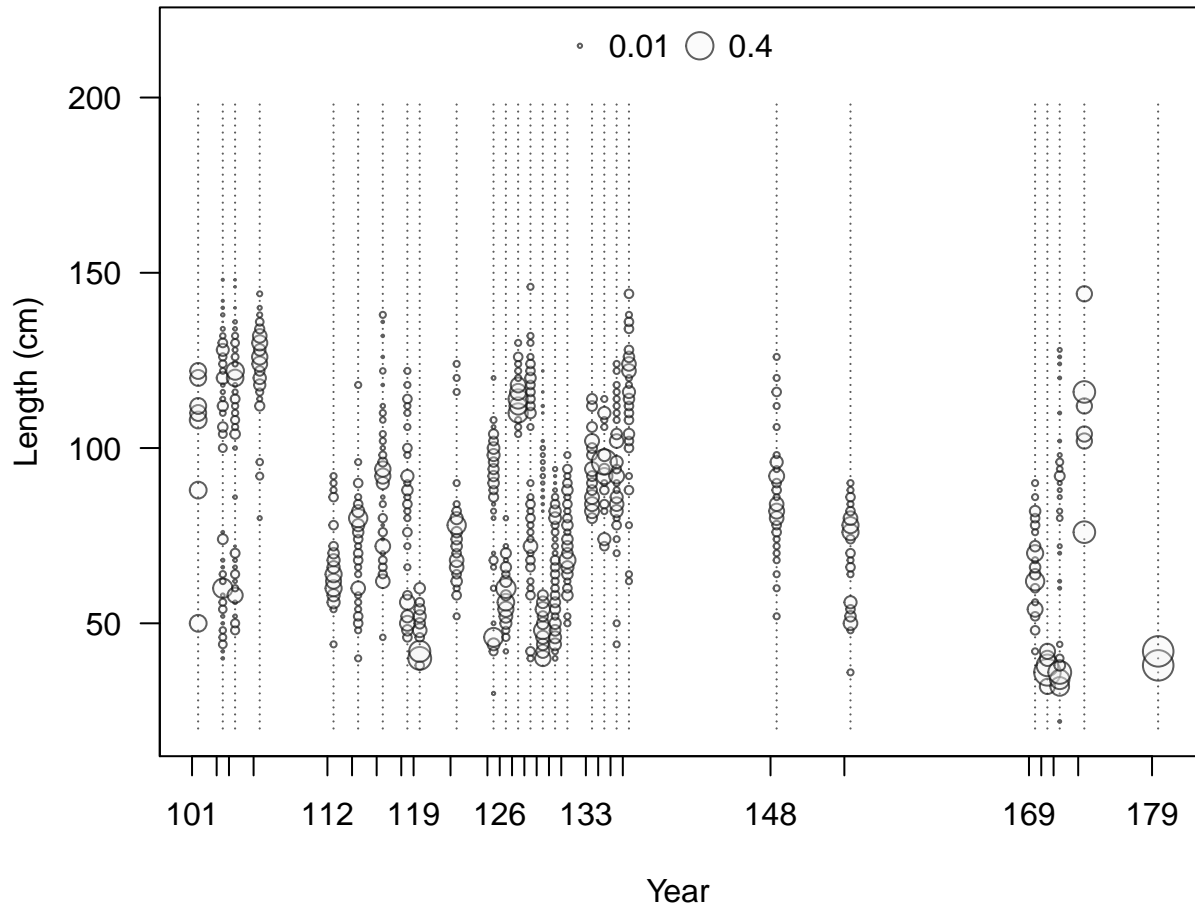


## A2-NOADEL (whole catch)

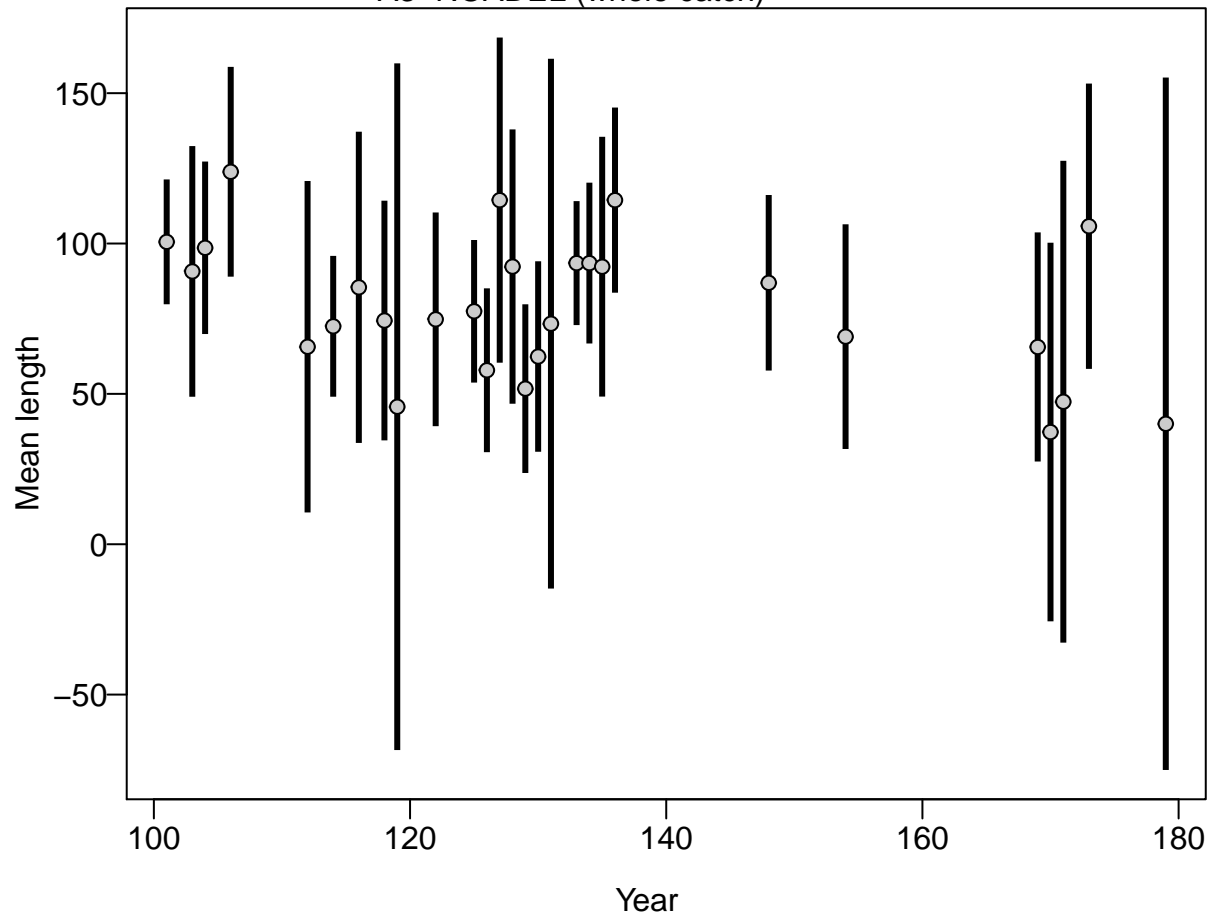


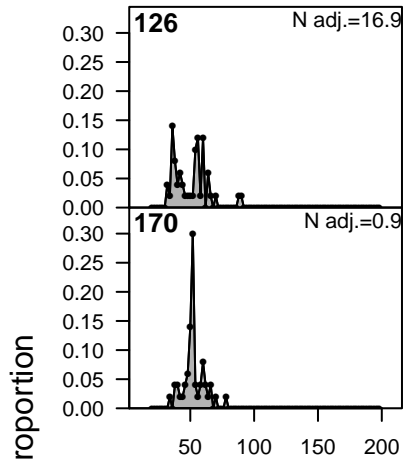






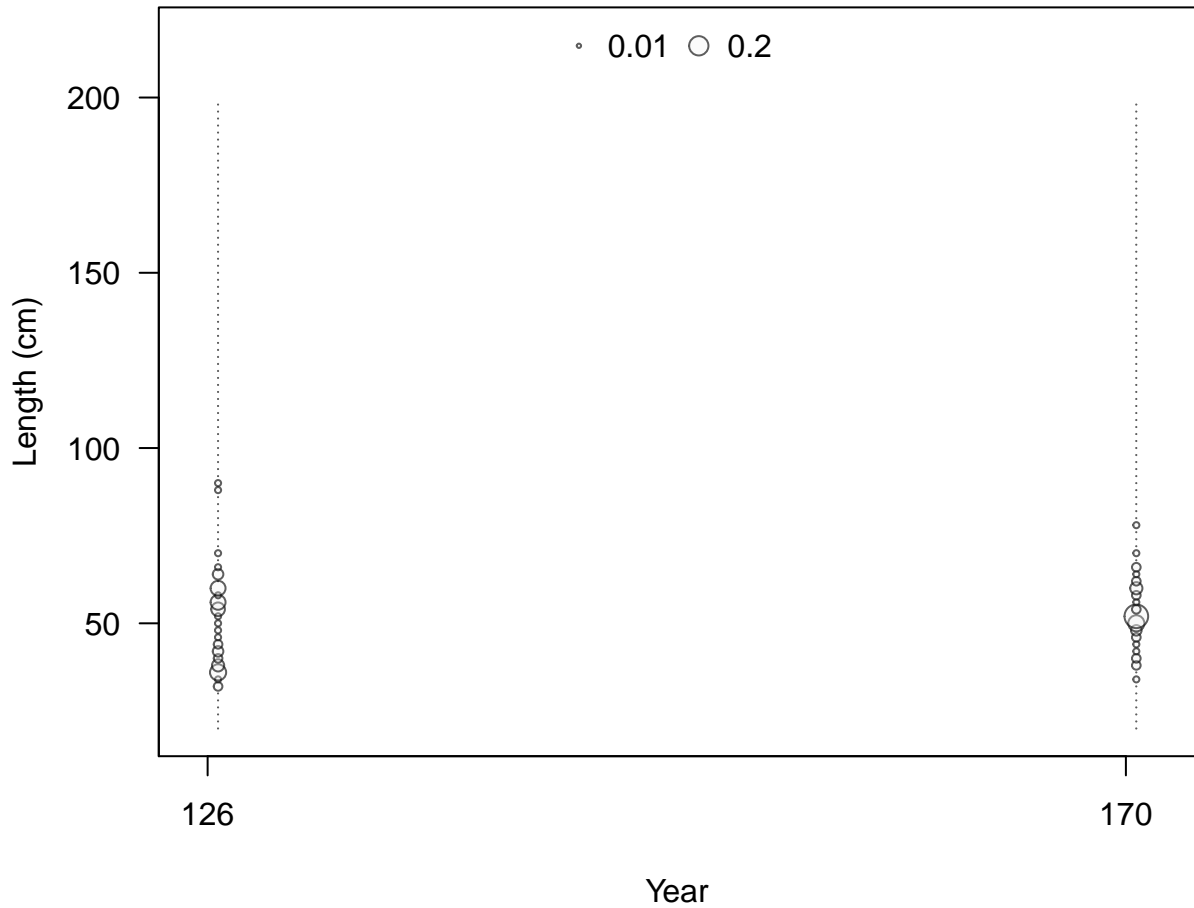
## A3-NOADEL (whole catch)



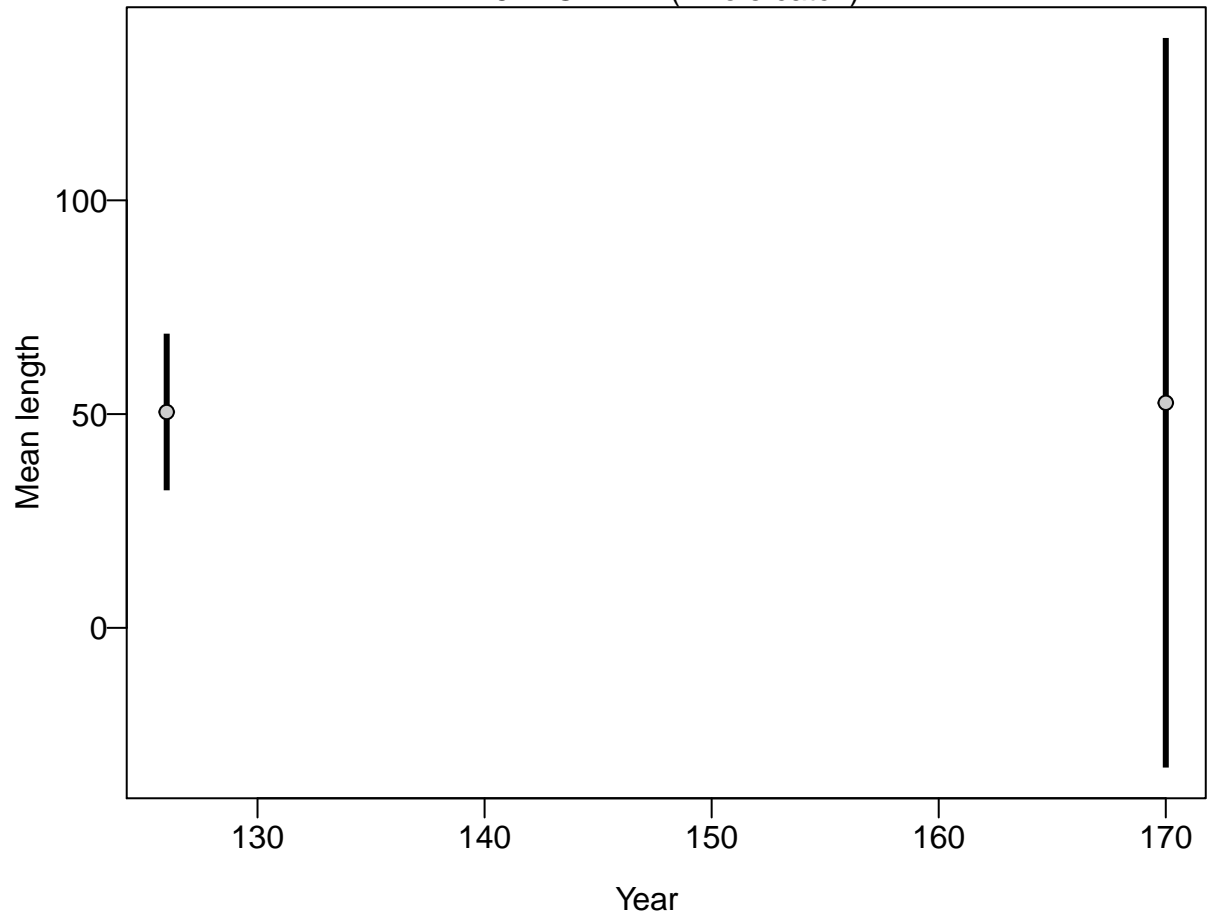


Length (cm)

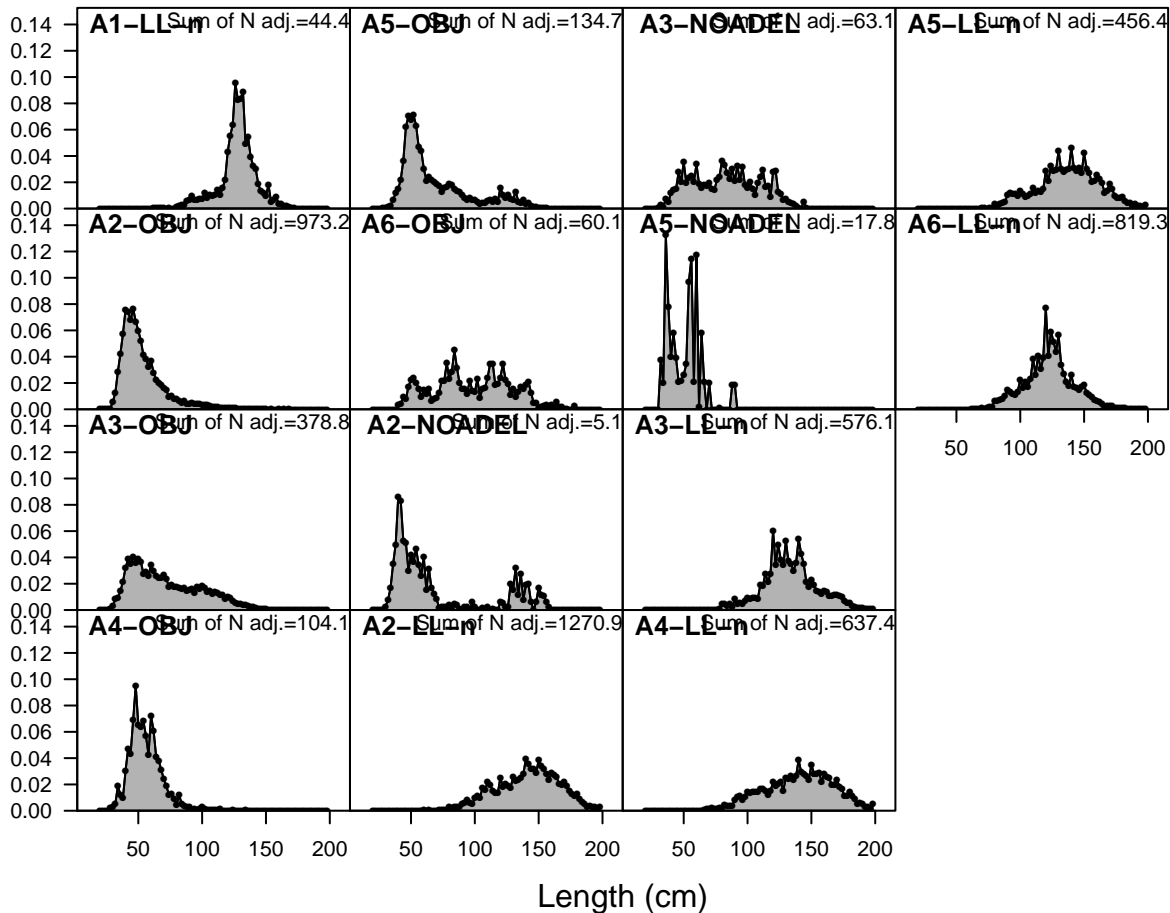


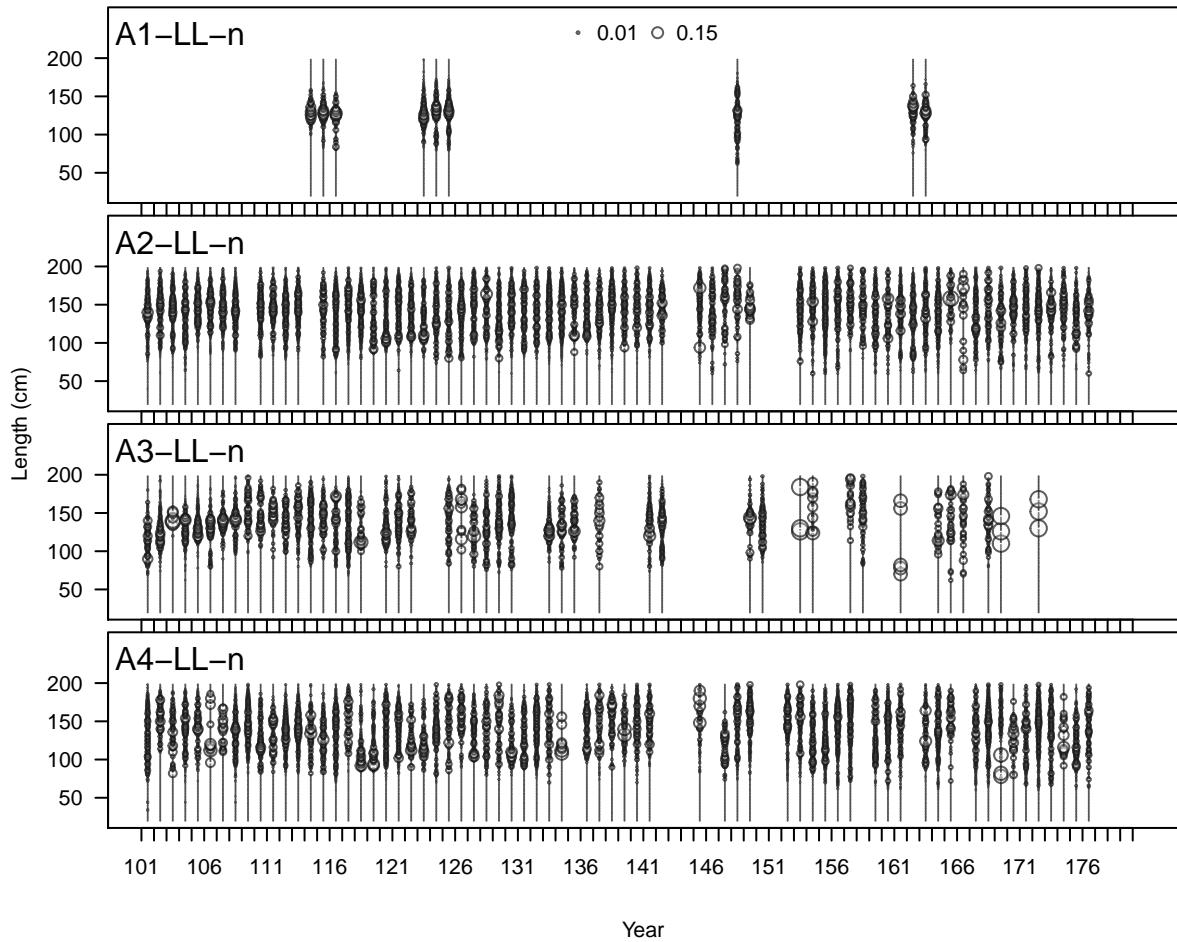


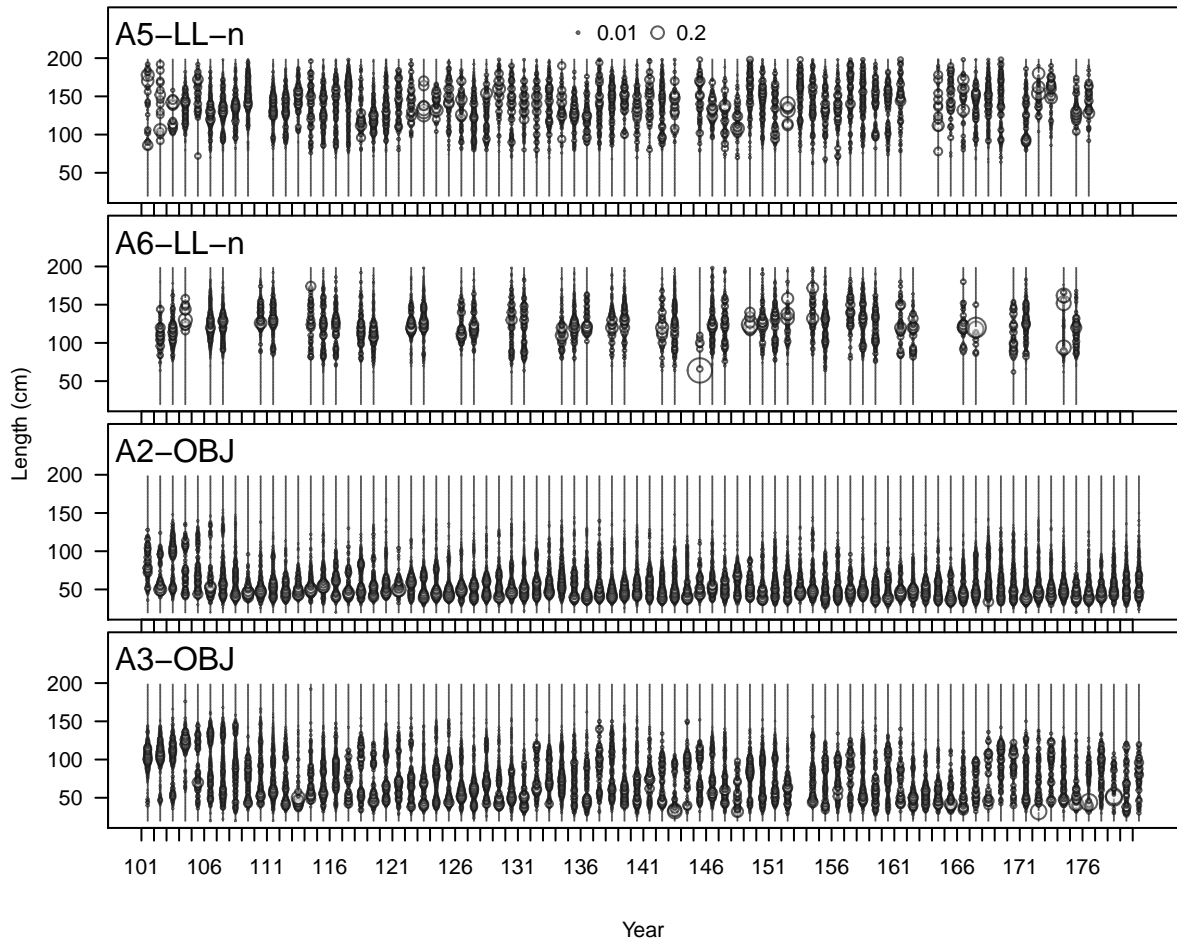
A5-NOADEL (whole catch)

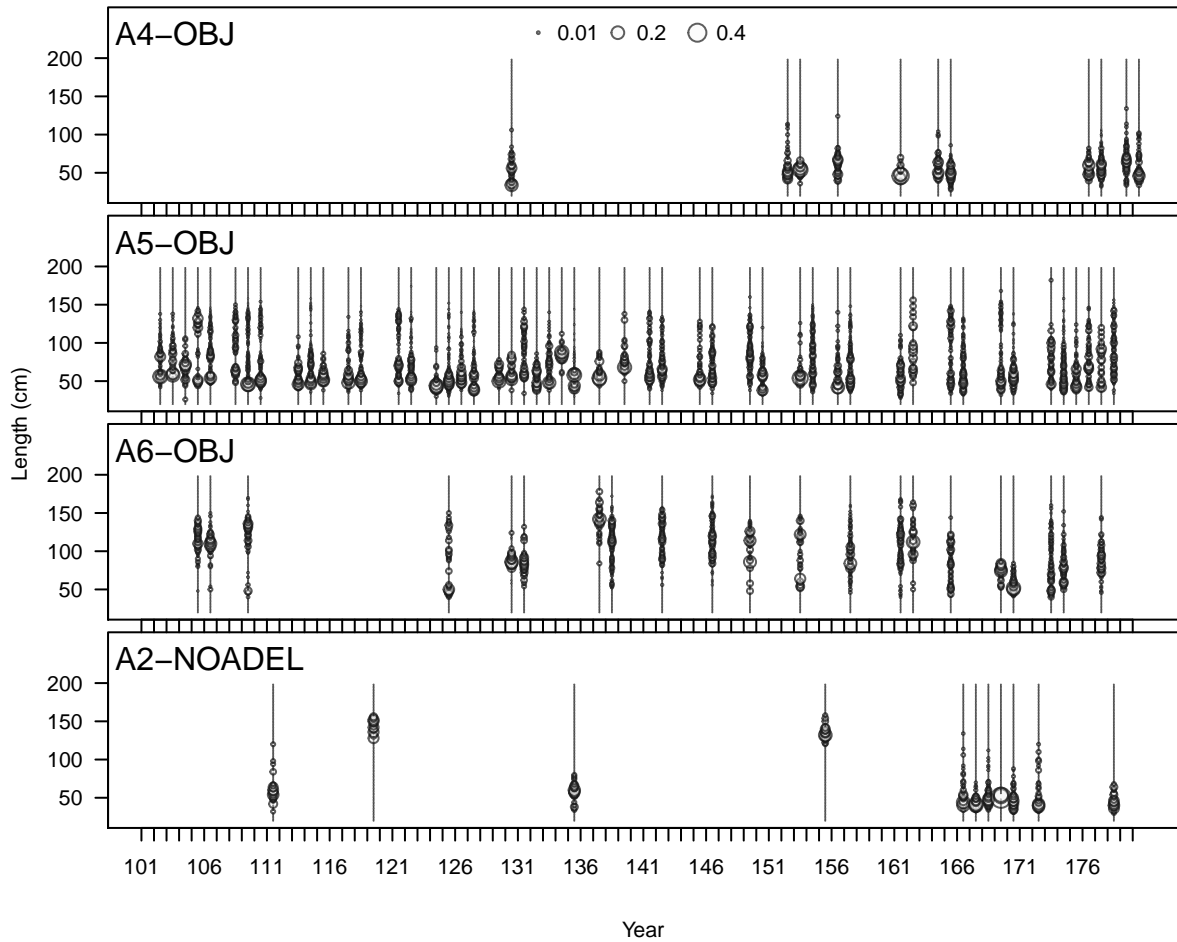


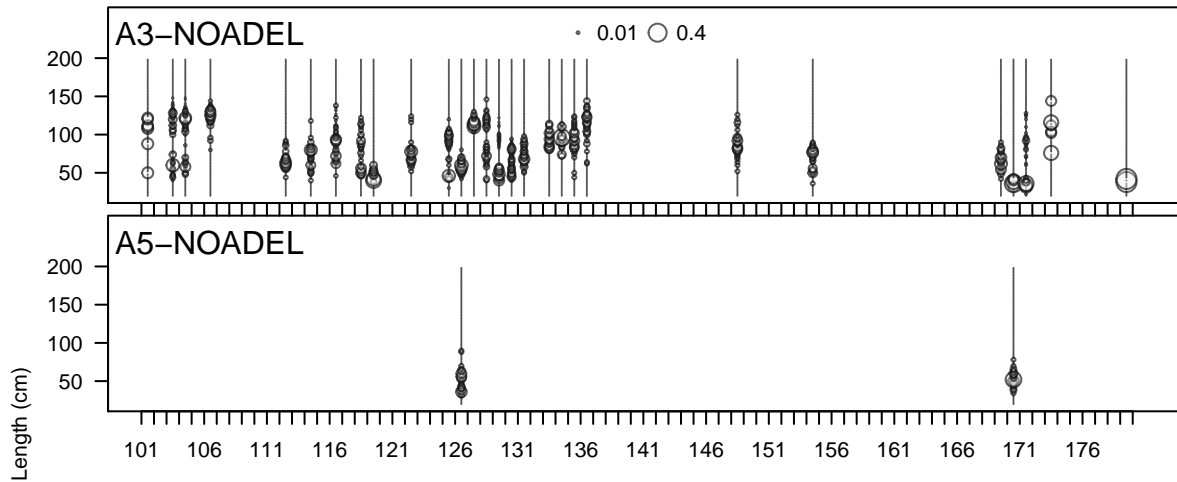
Proportion

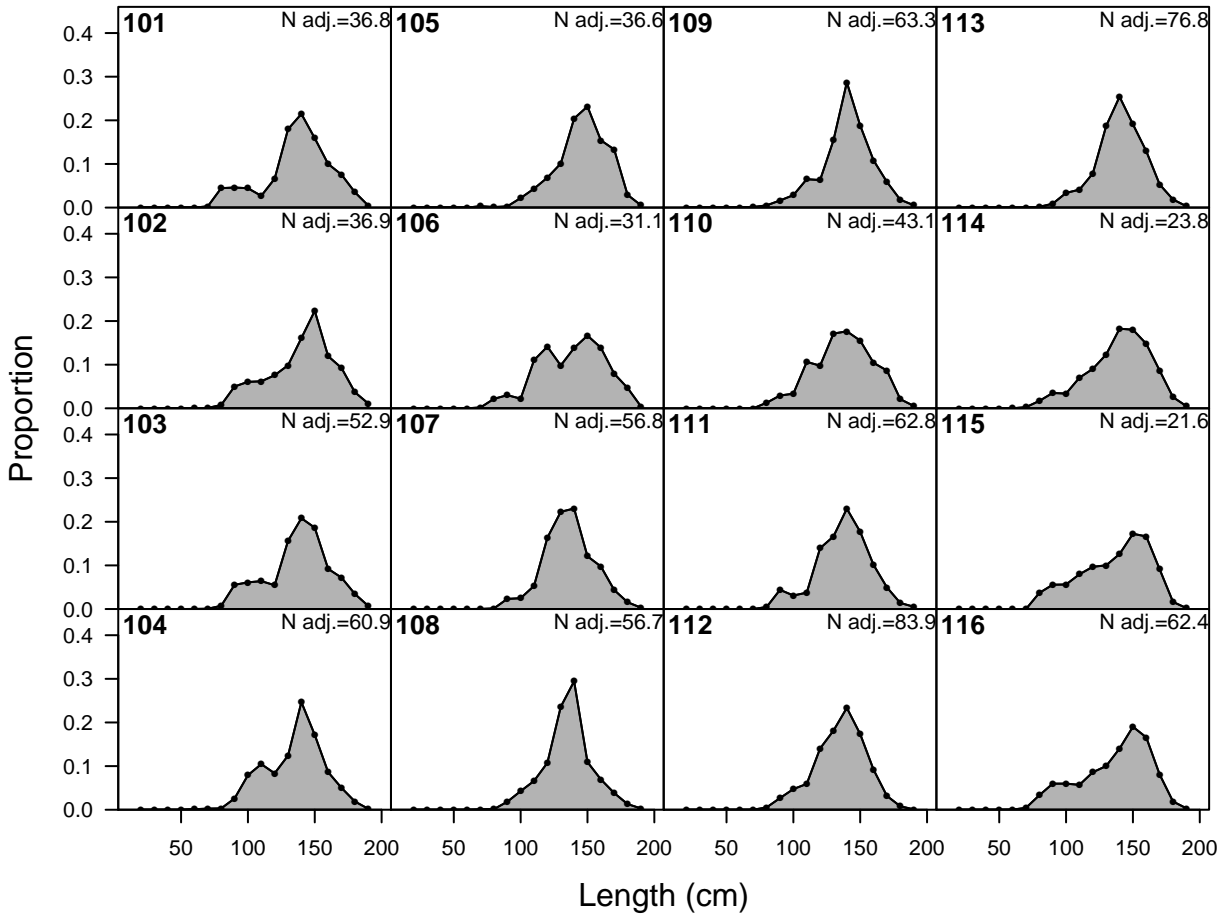




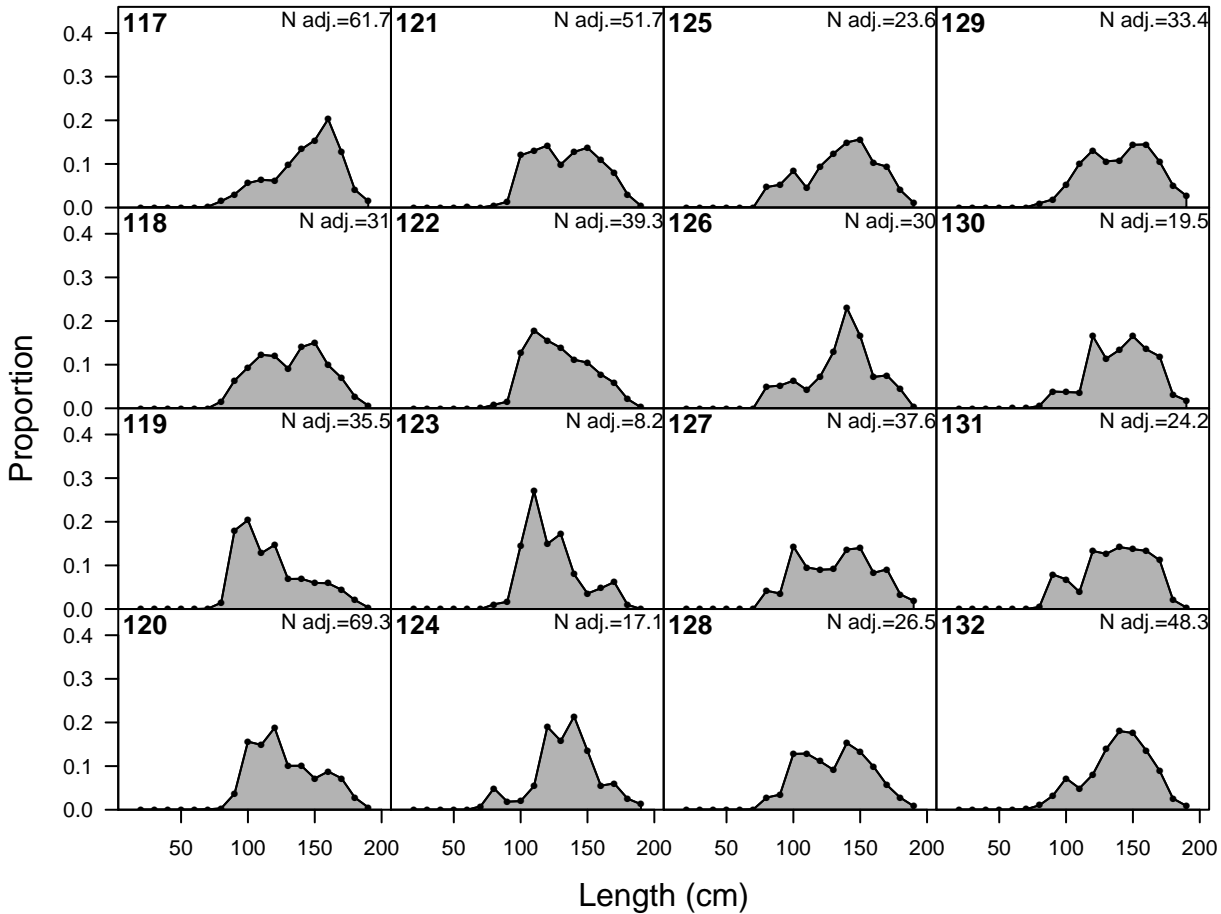


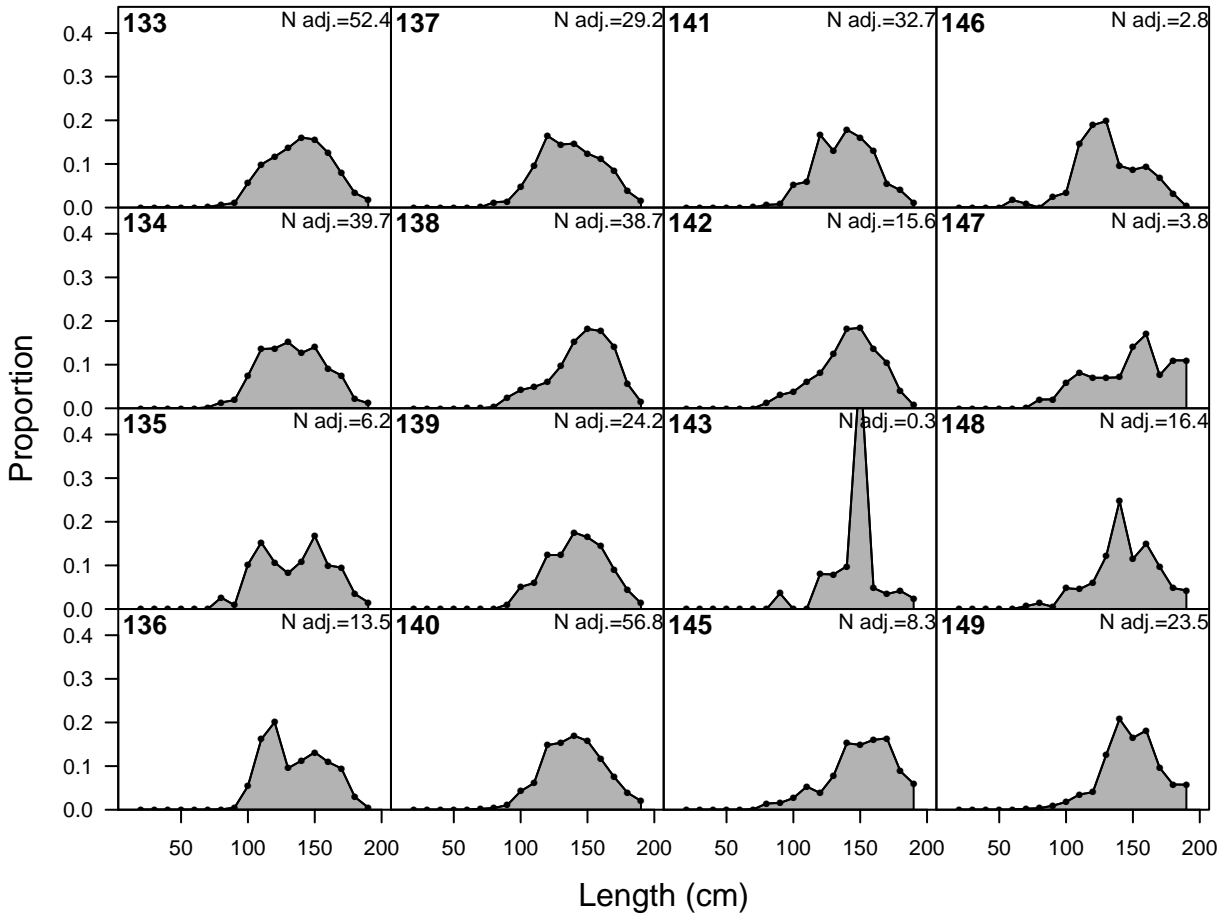


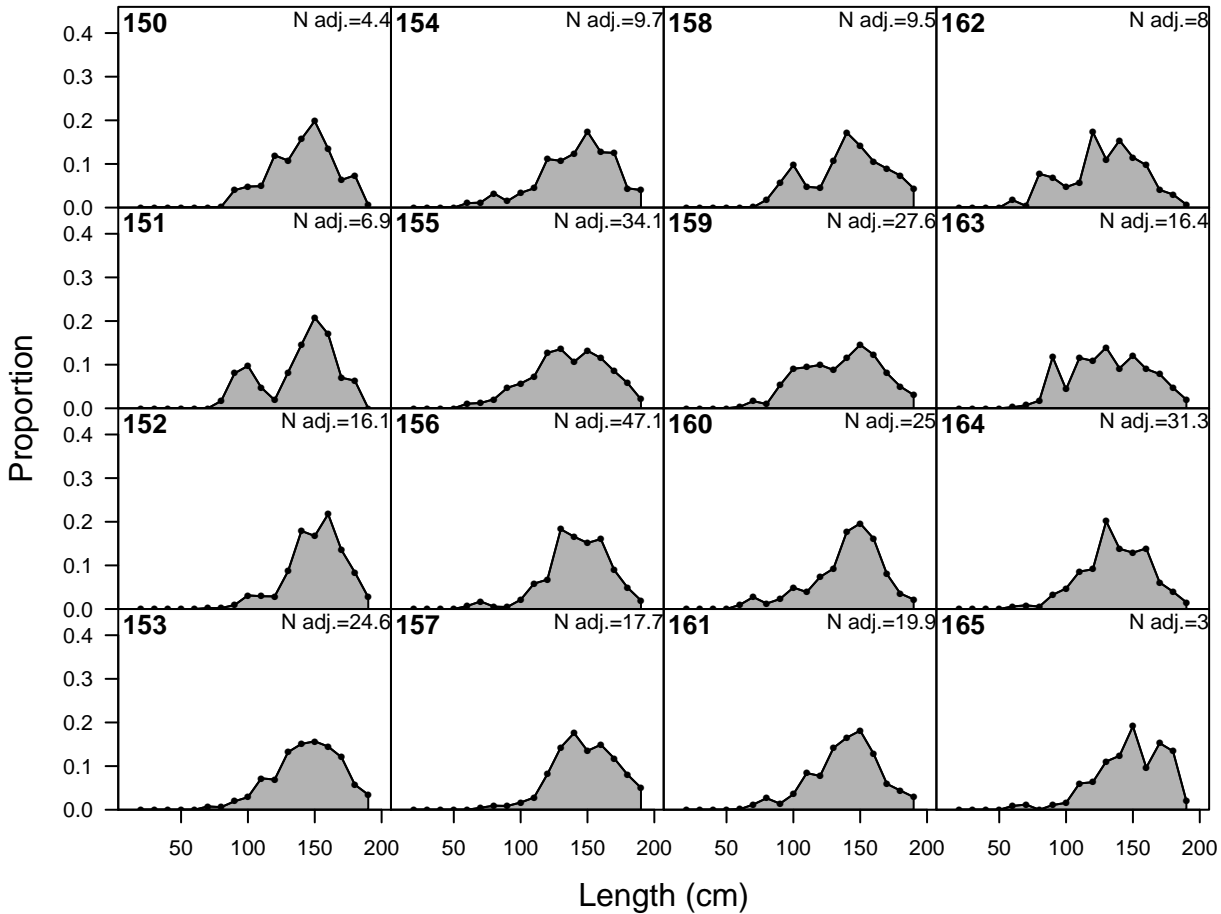


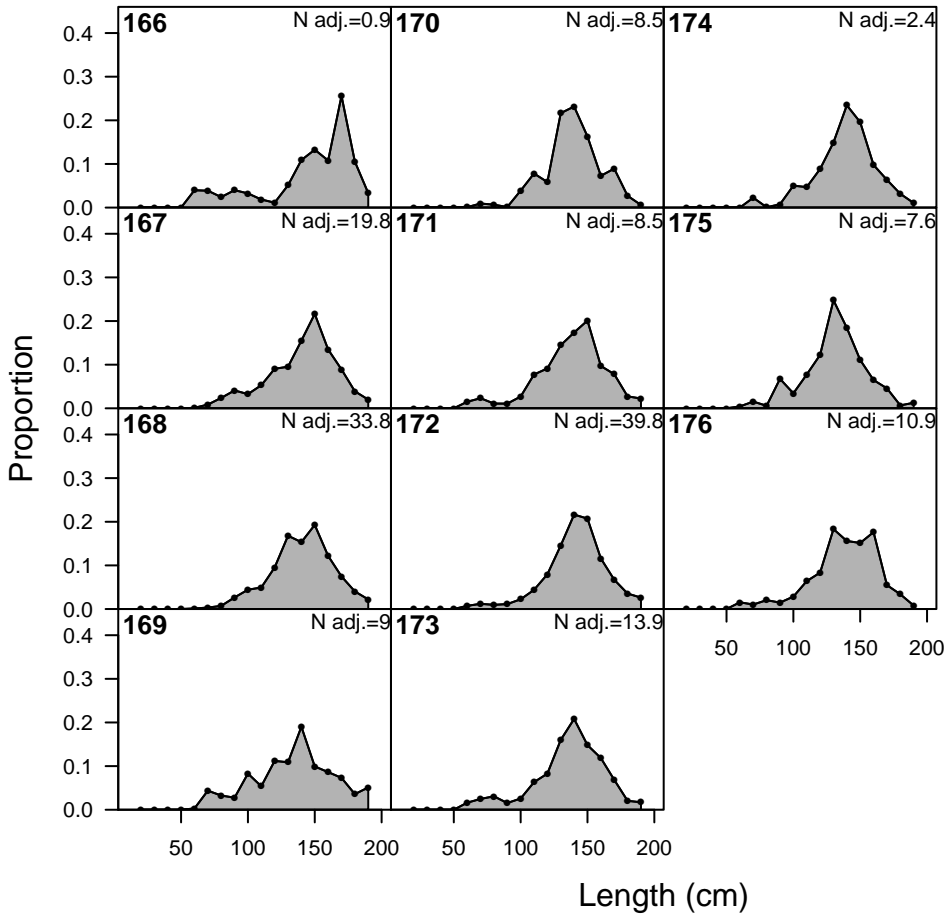


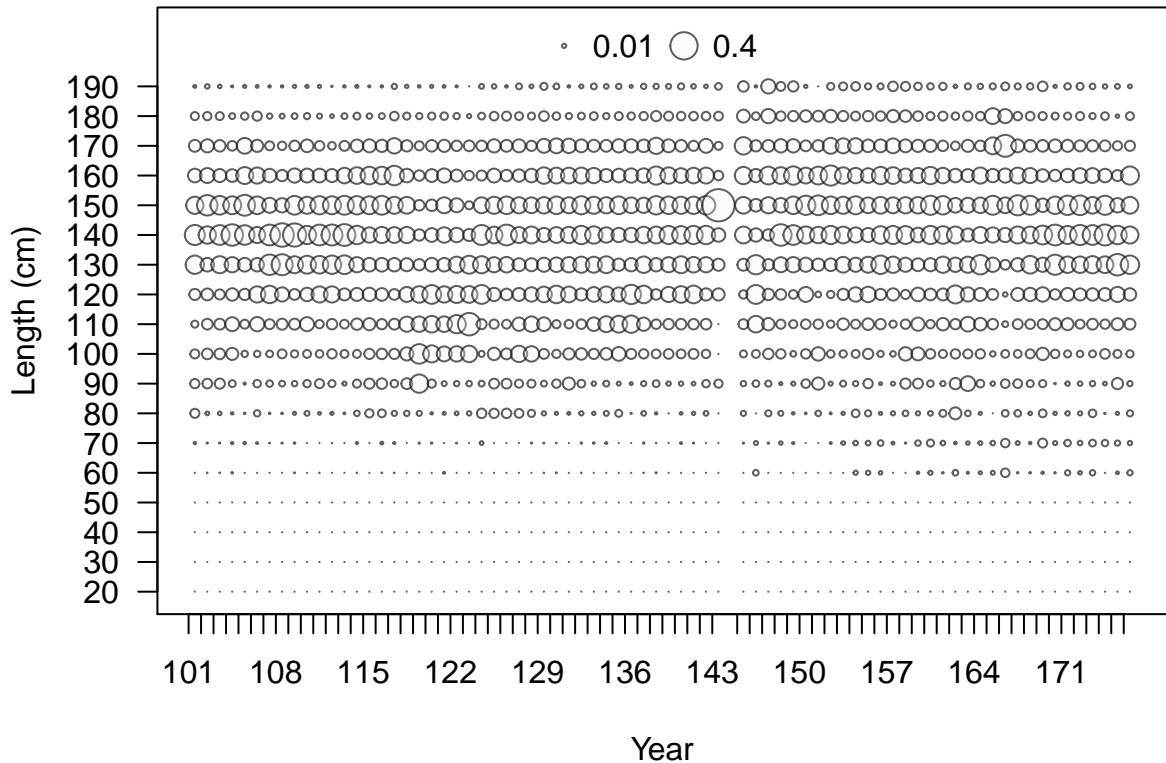




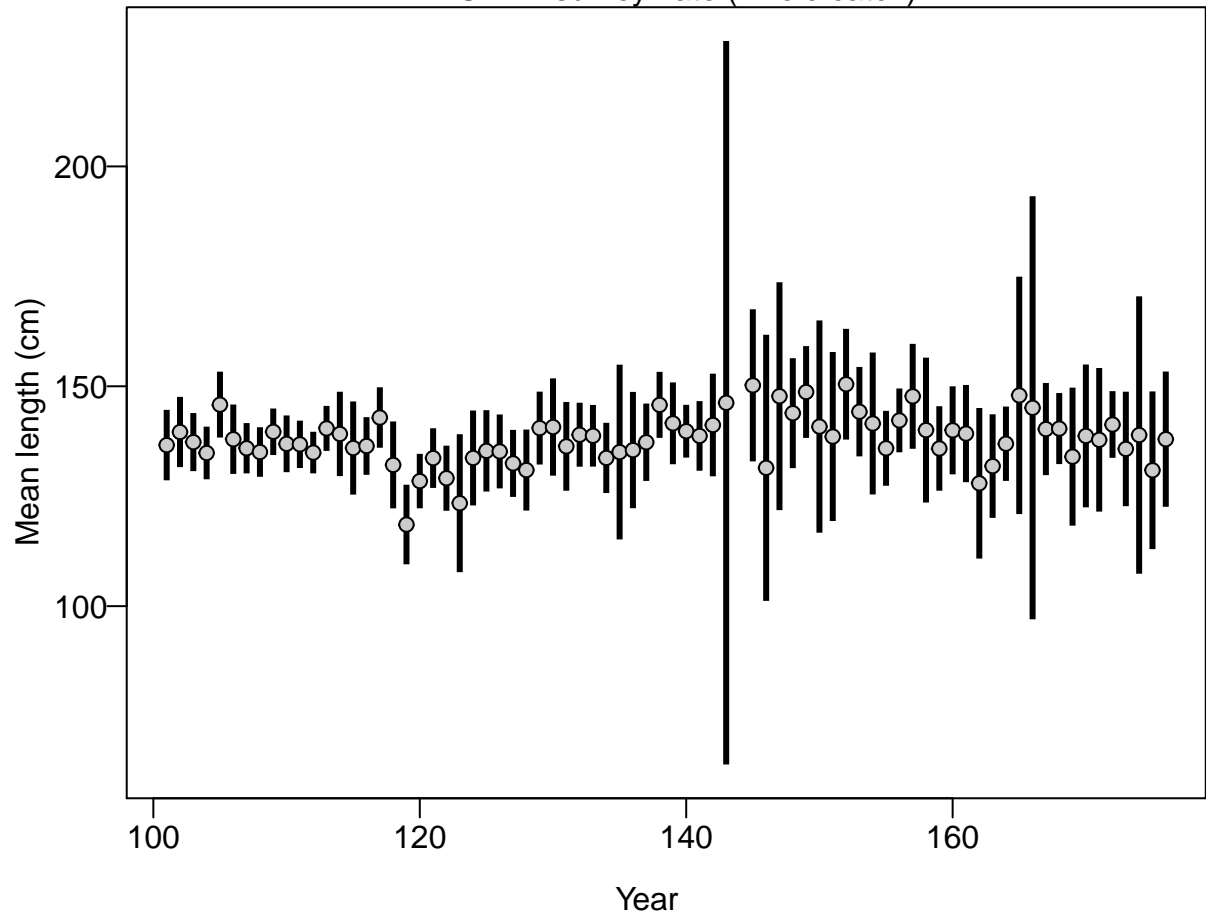


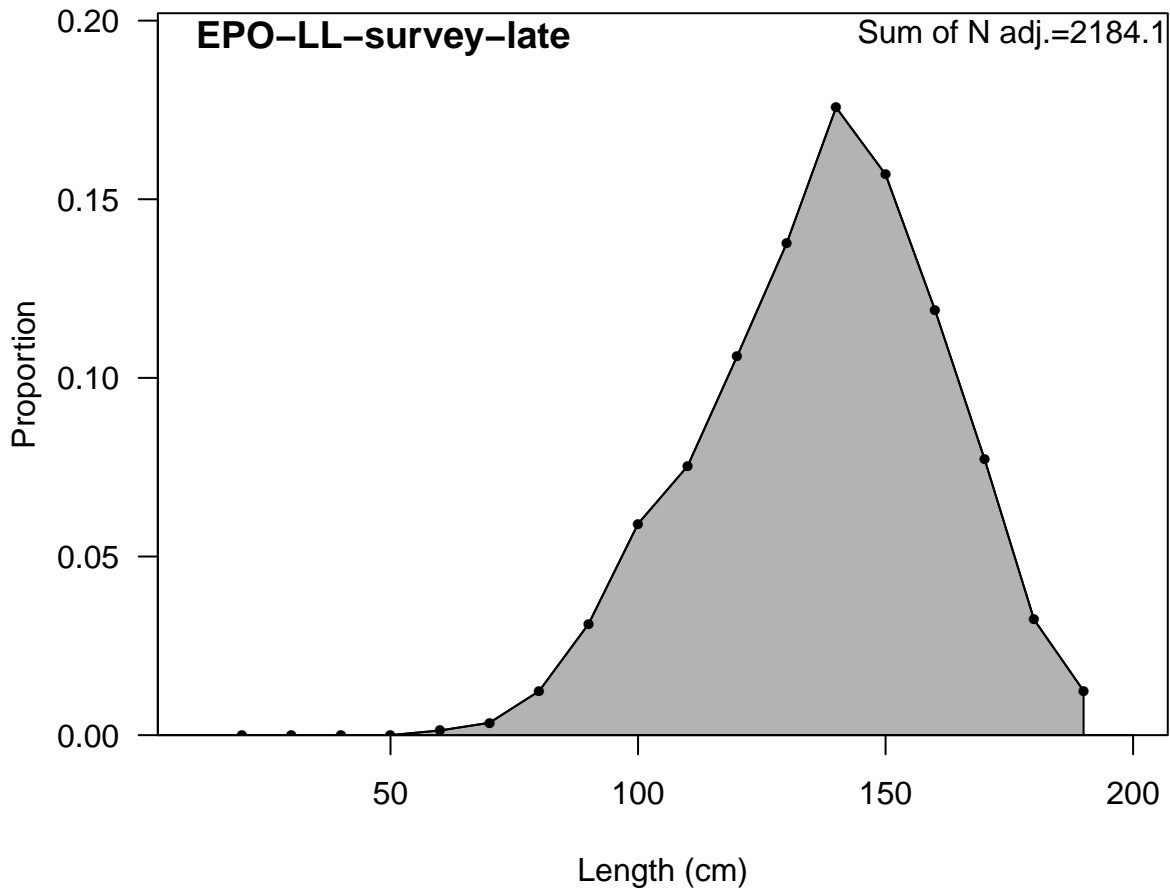




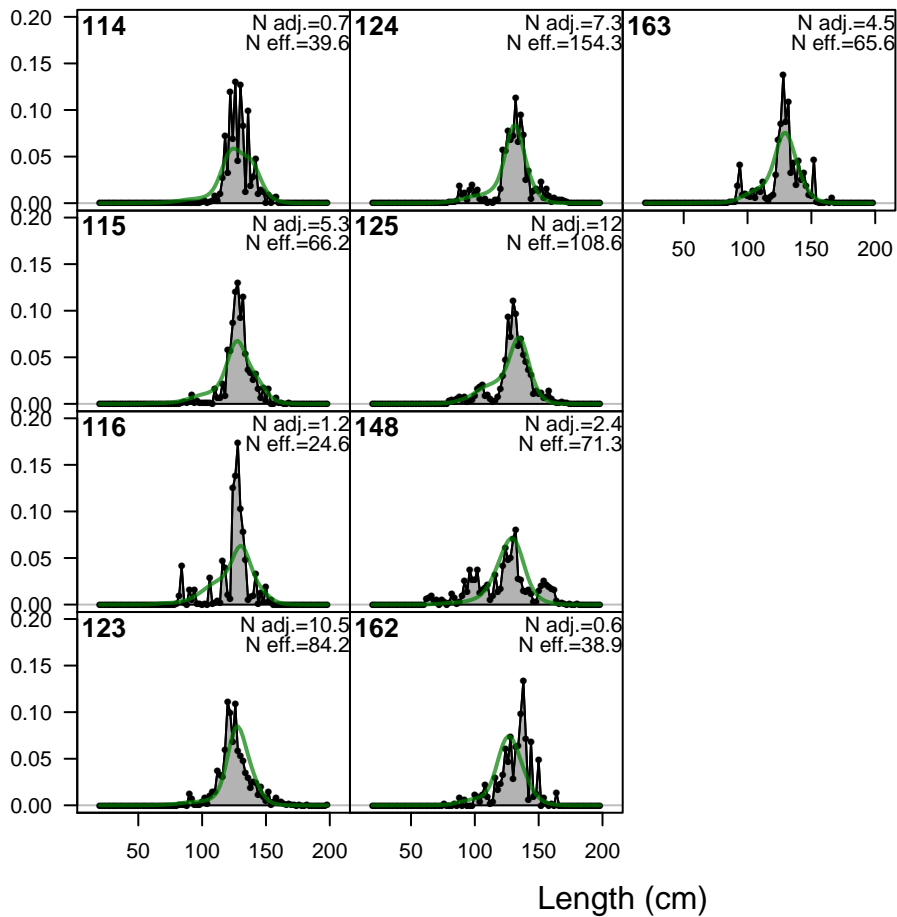


EPO-LL-survey-late (whole catch)

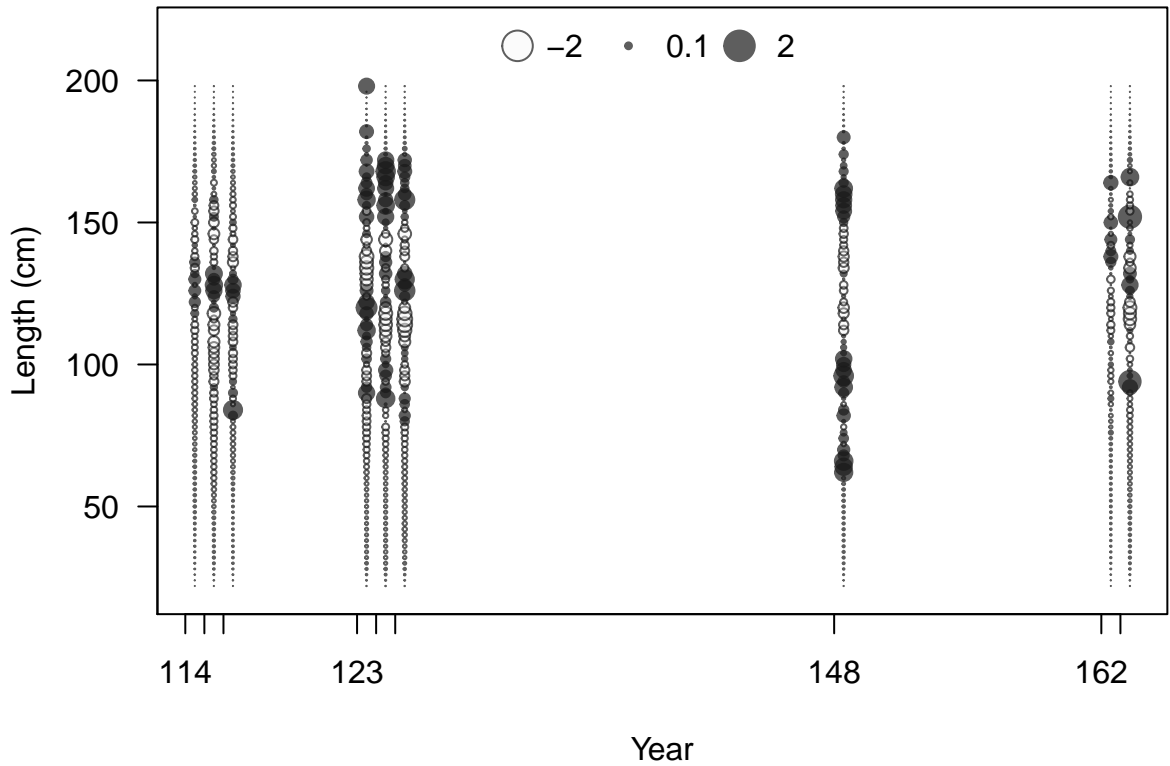


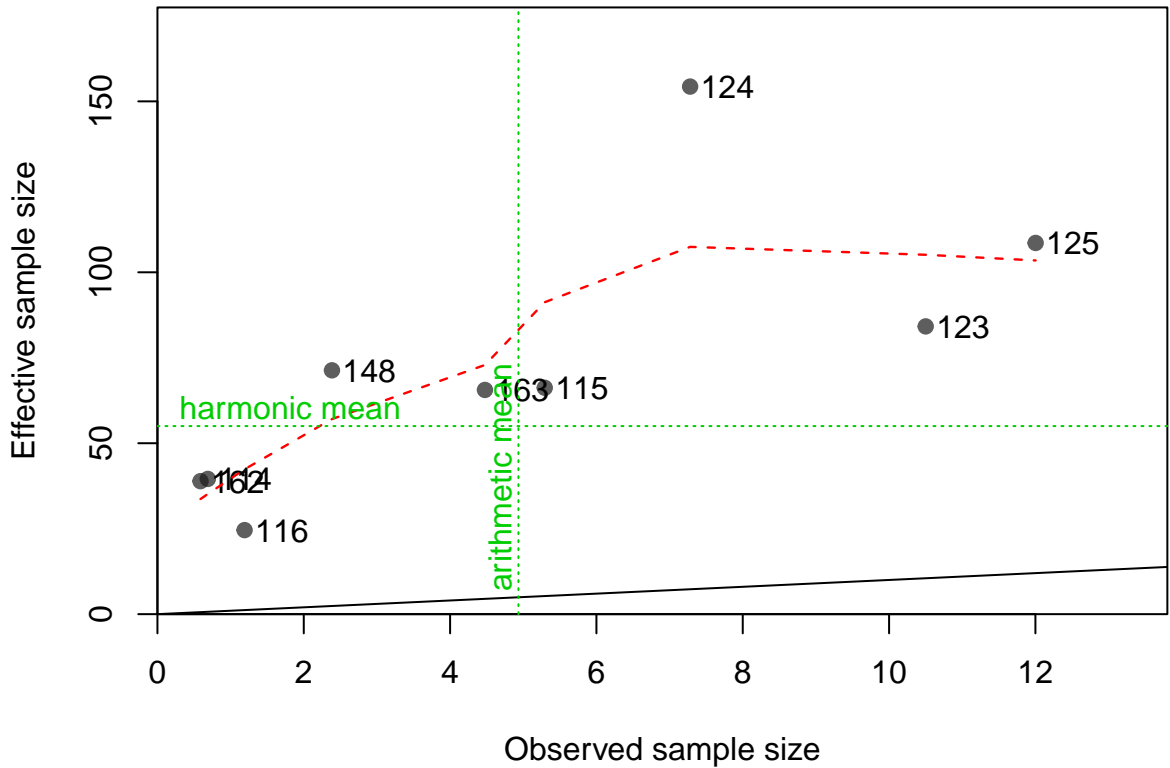


Proportion

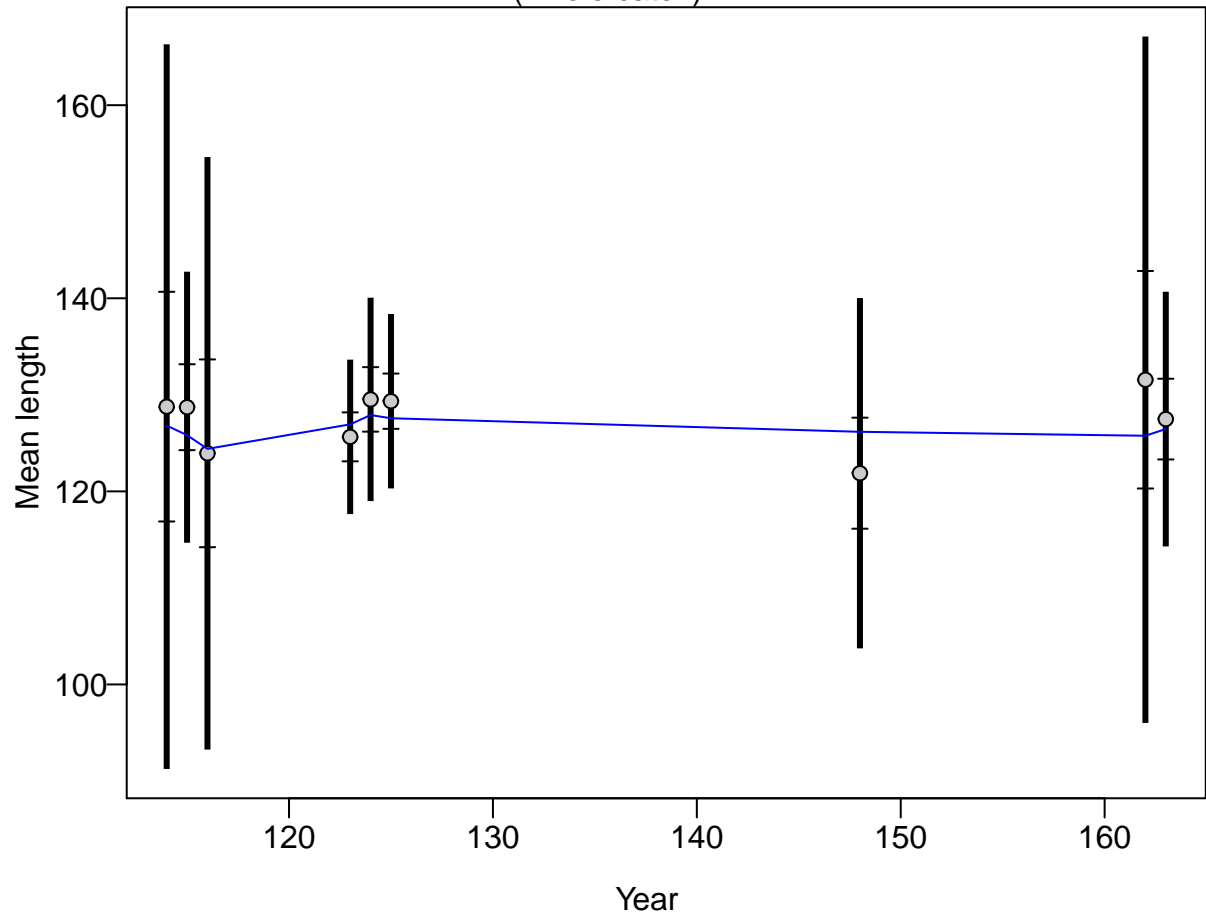




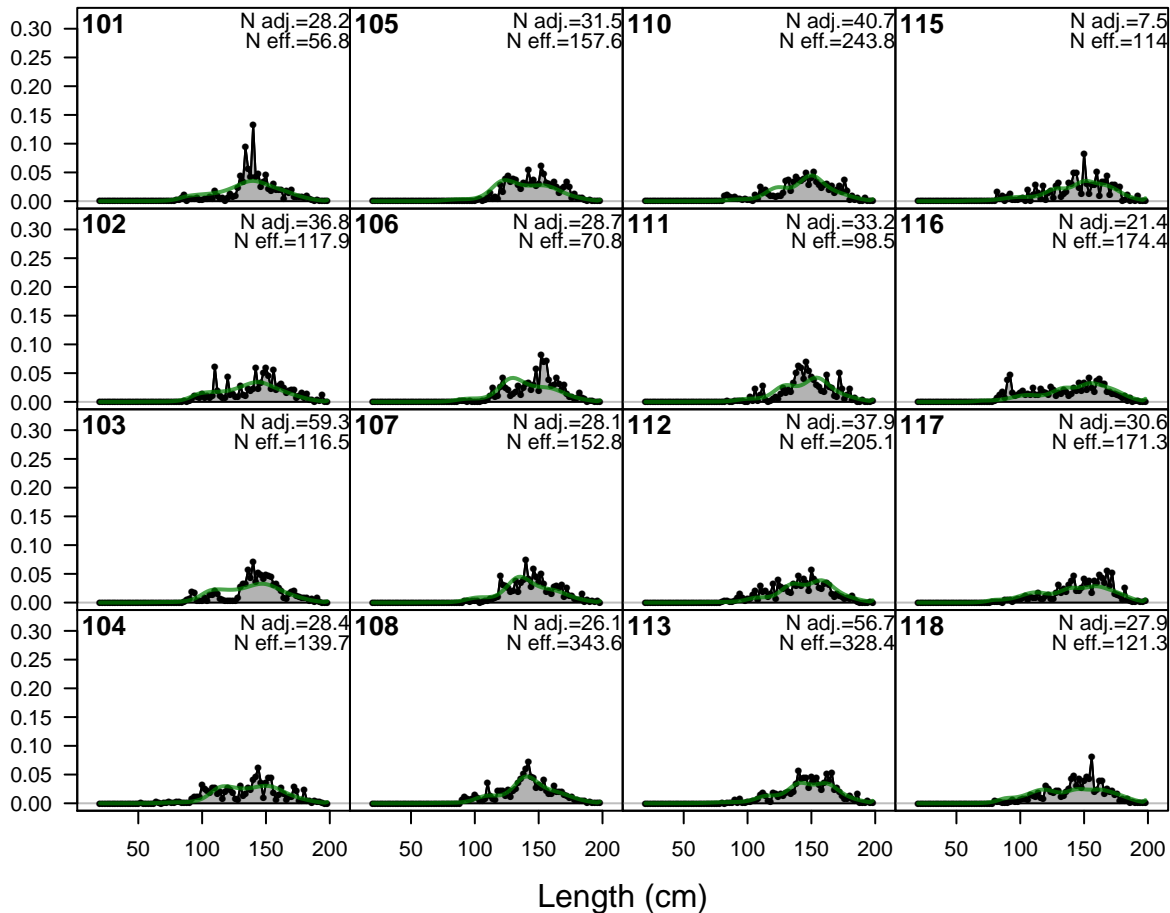




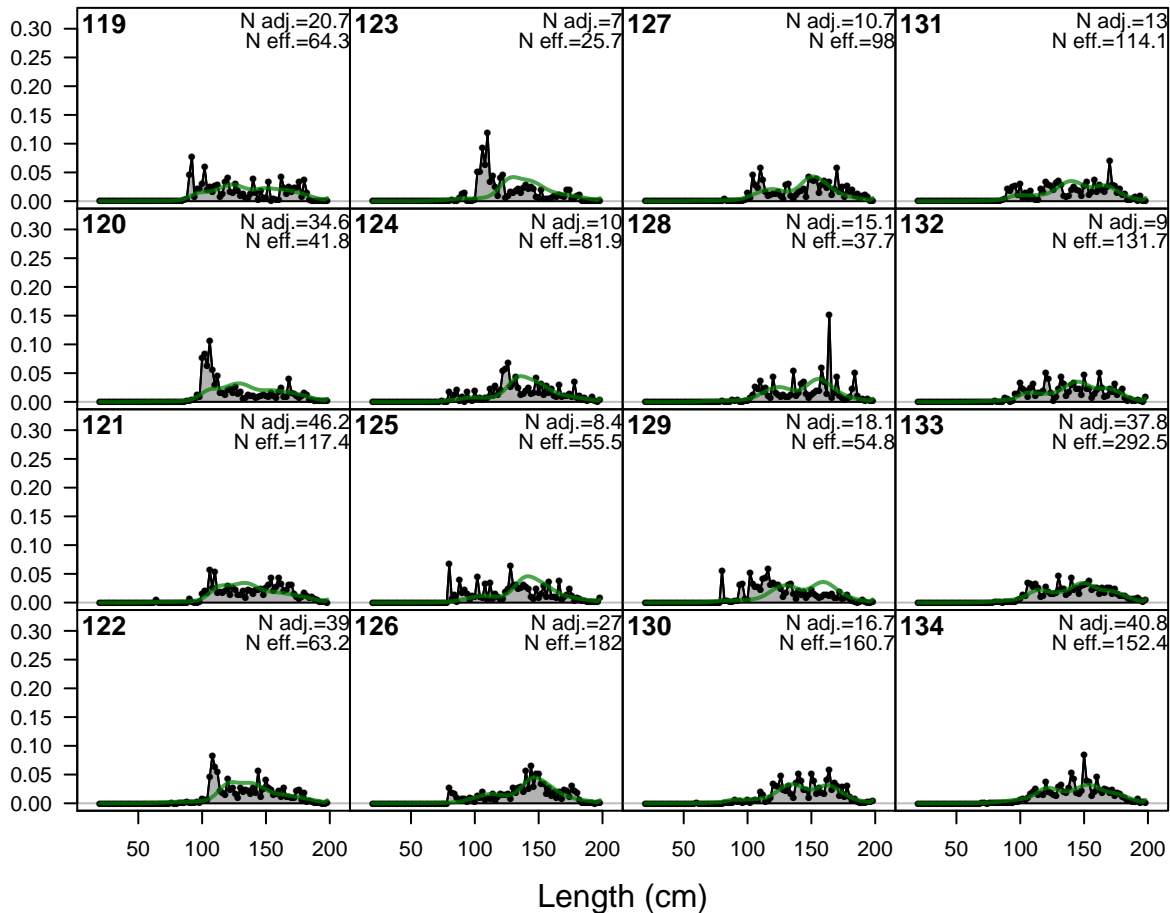
A1-LL-n (whole catch)



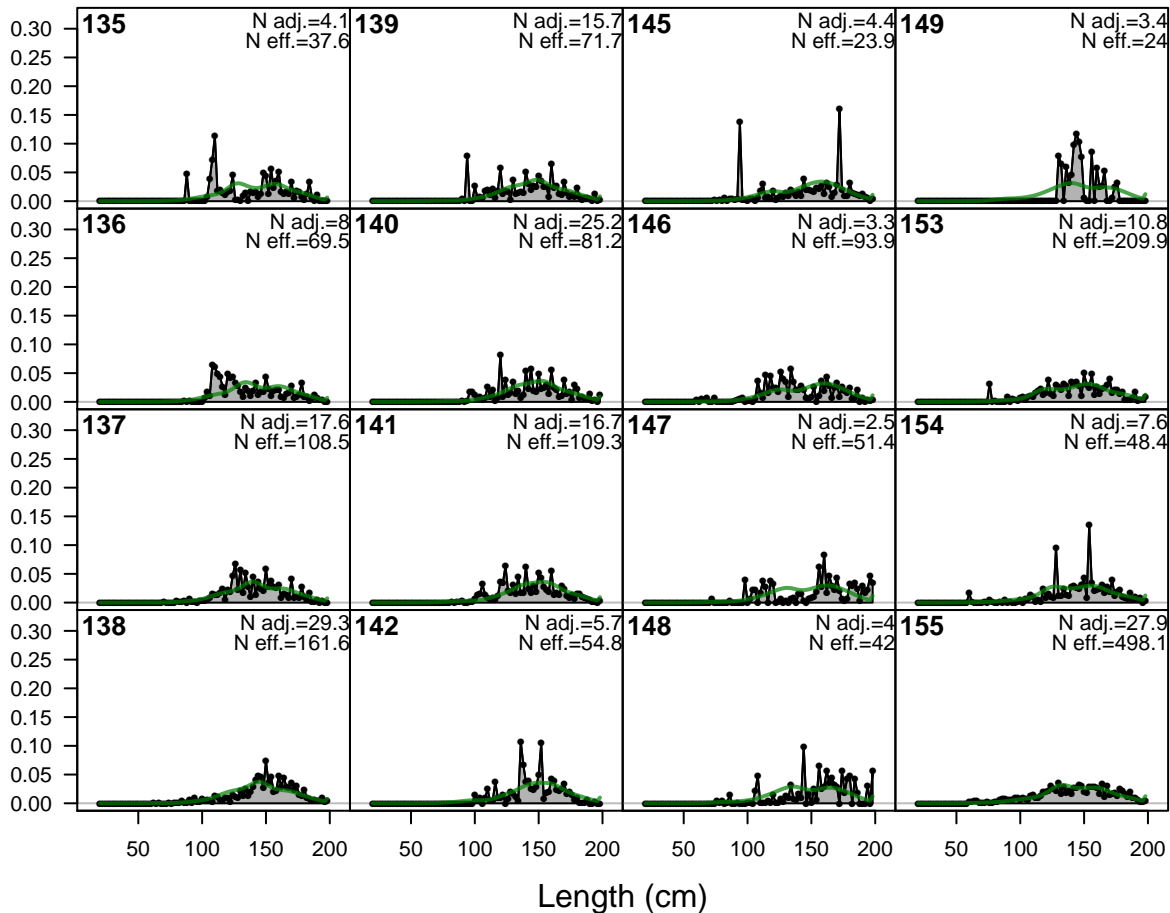
Proportion



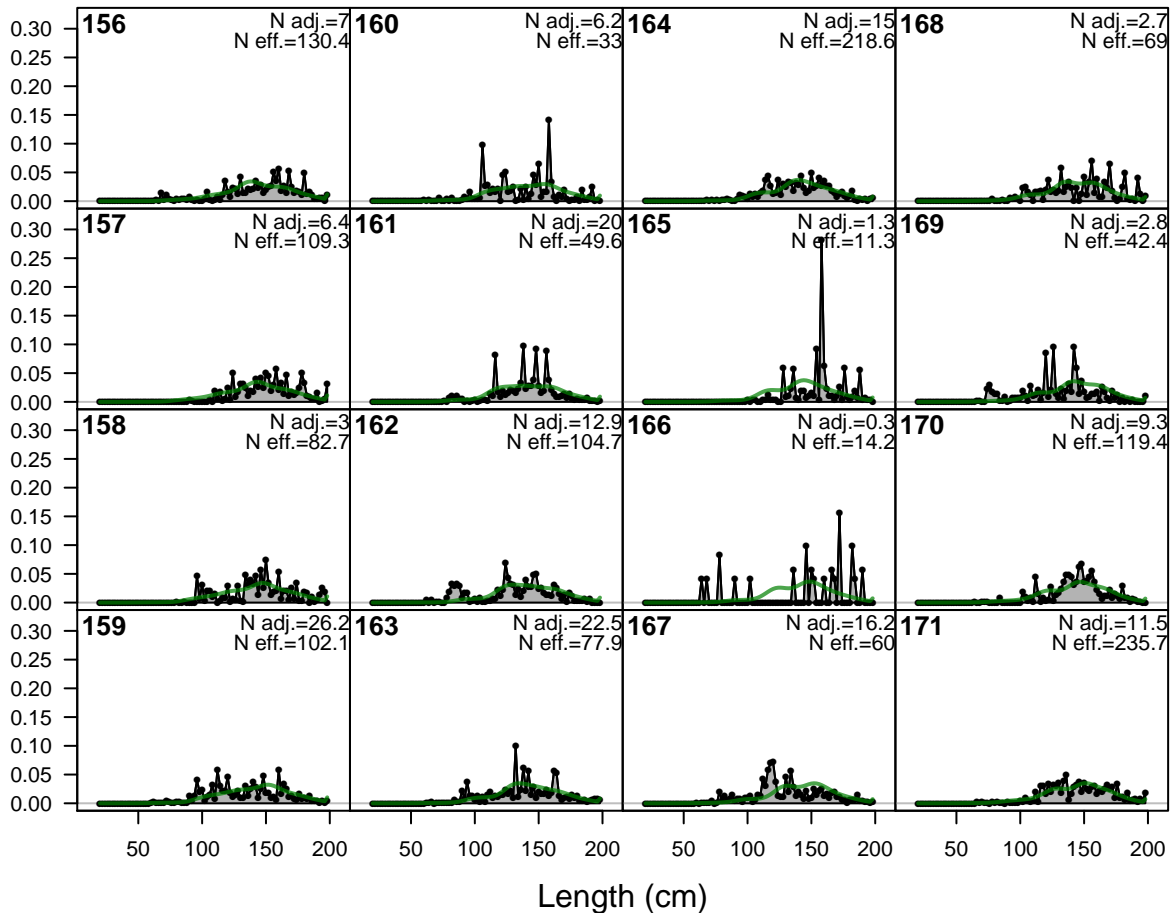
Proportion



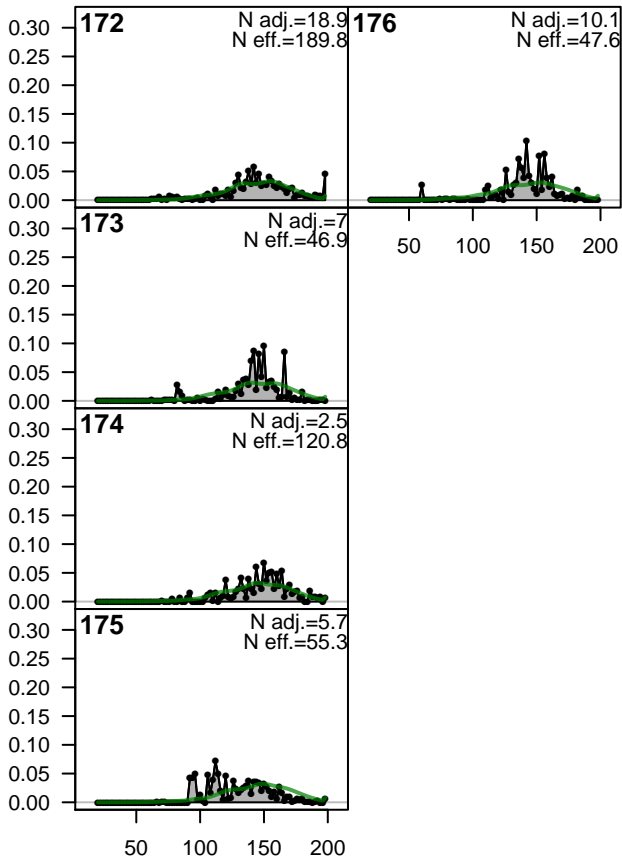
Proportion



Proportion

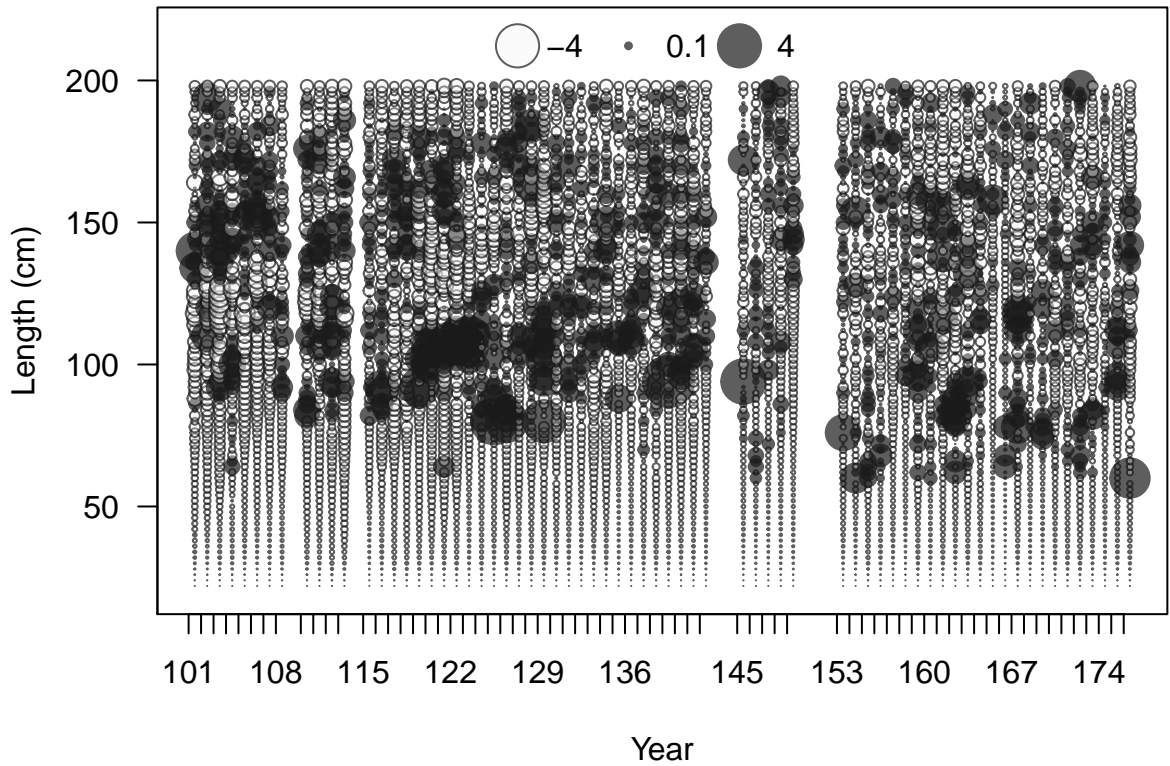


Proportion

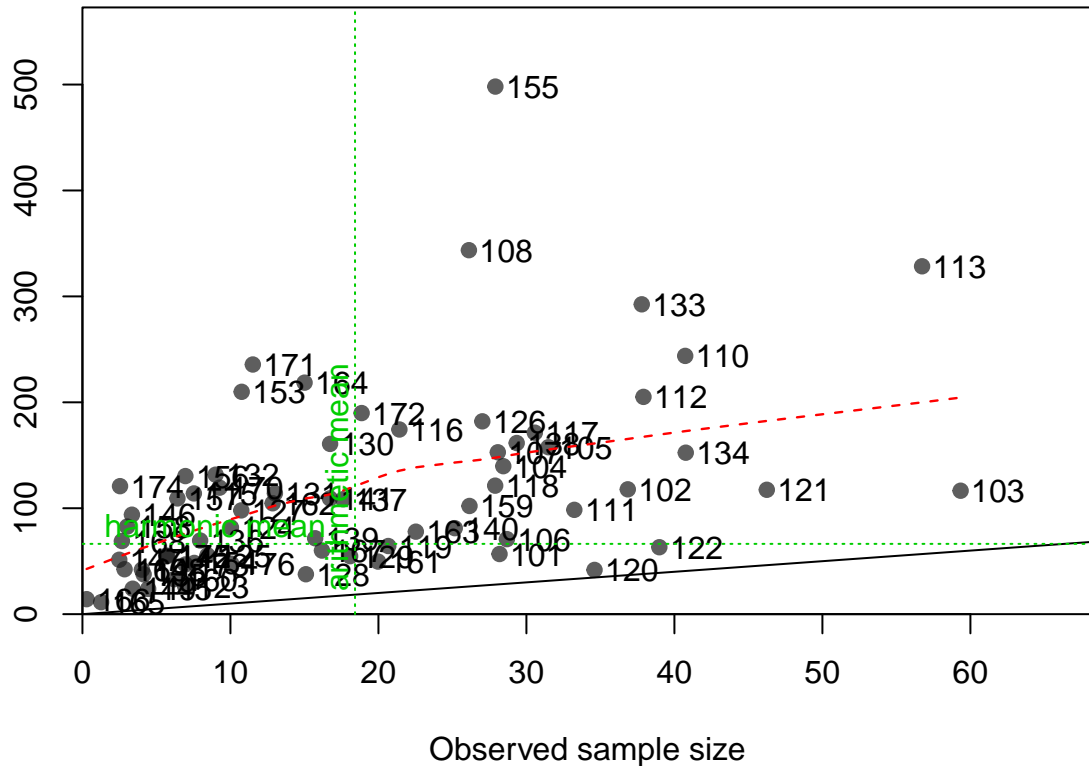


Length (cm)

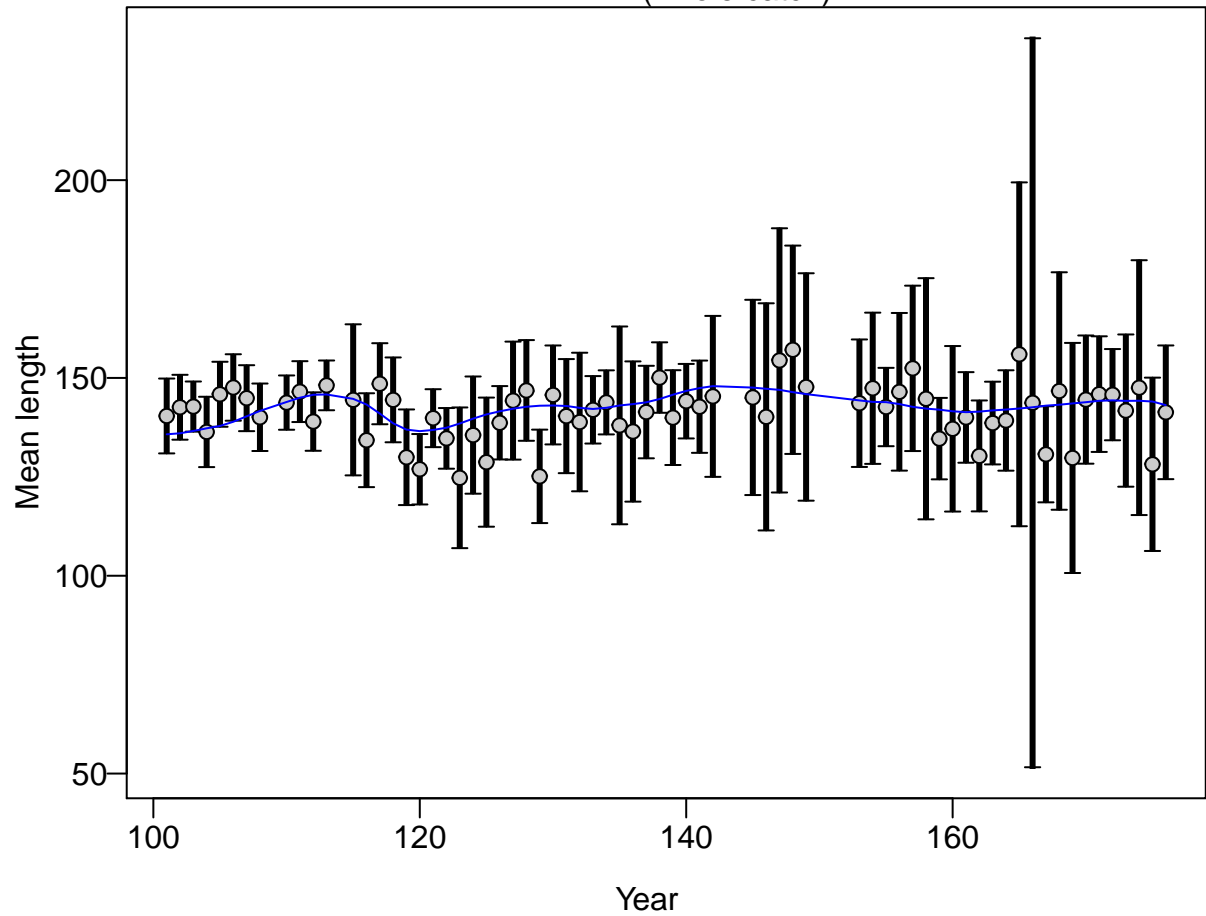




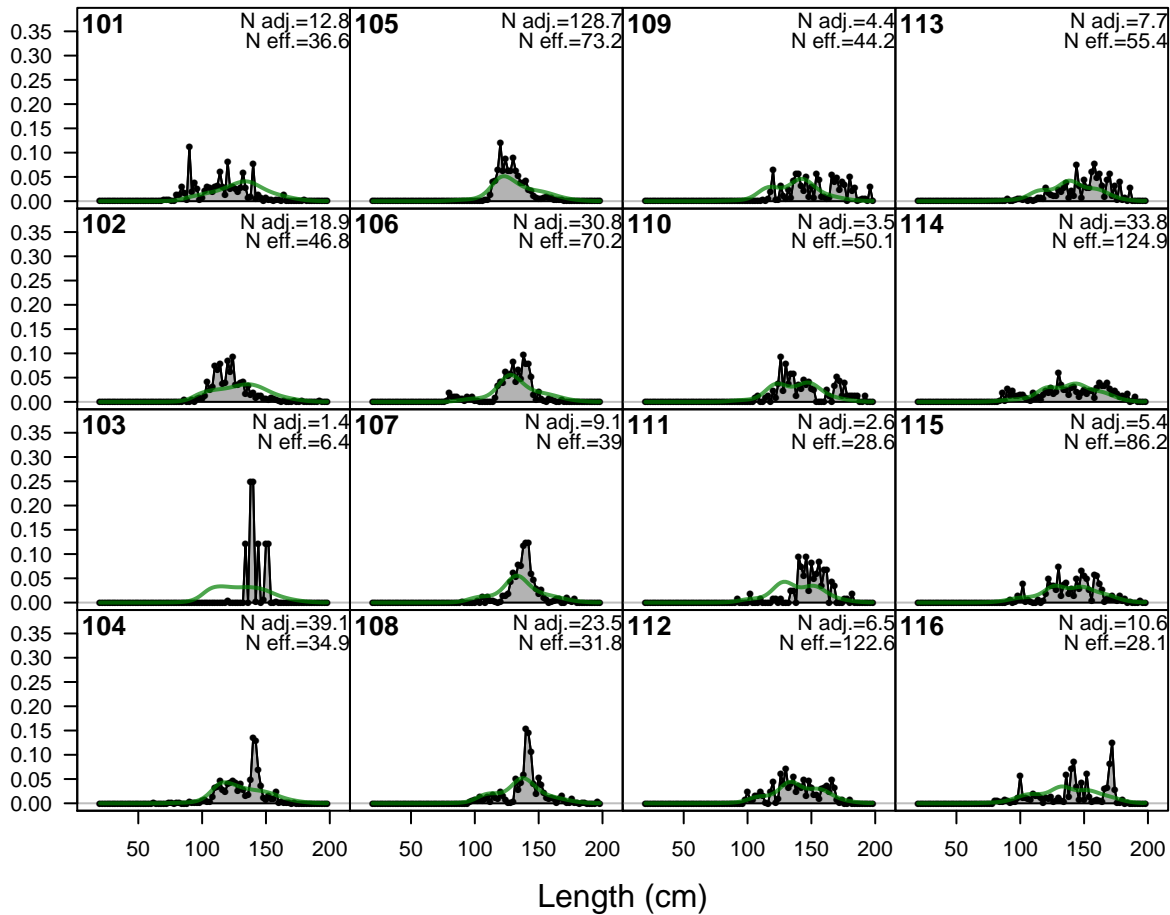
Effective sample size



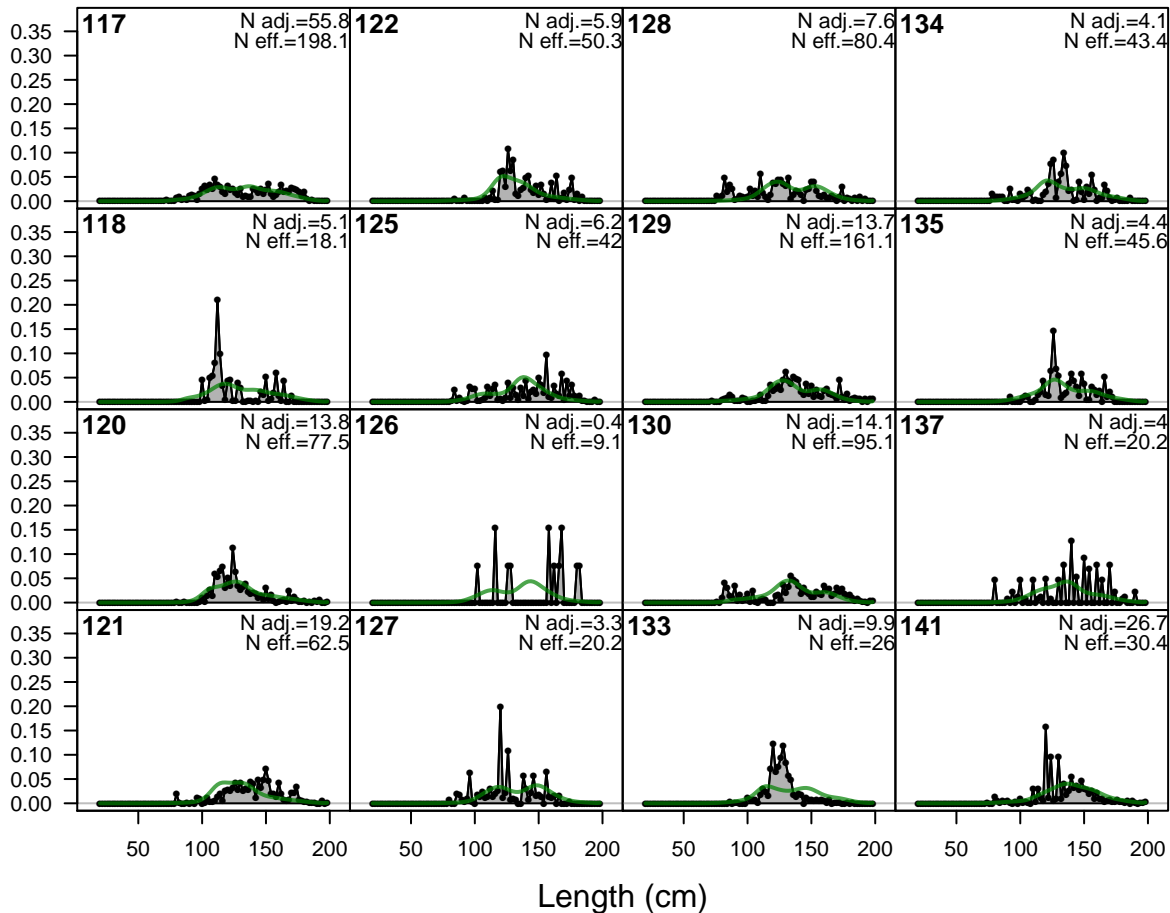
A2-LL-n (whole catch)



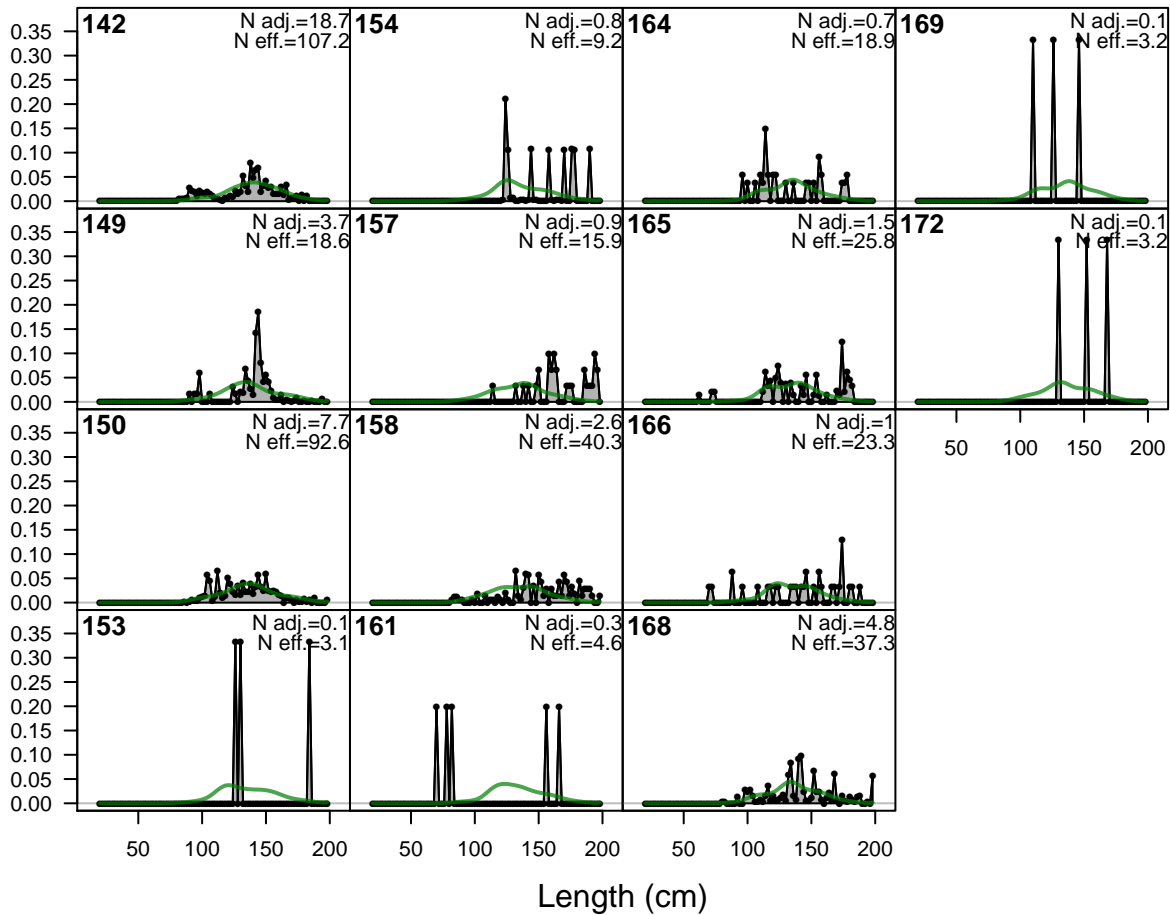
Proportion

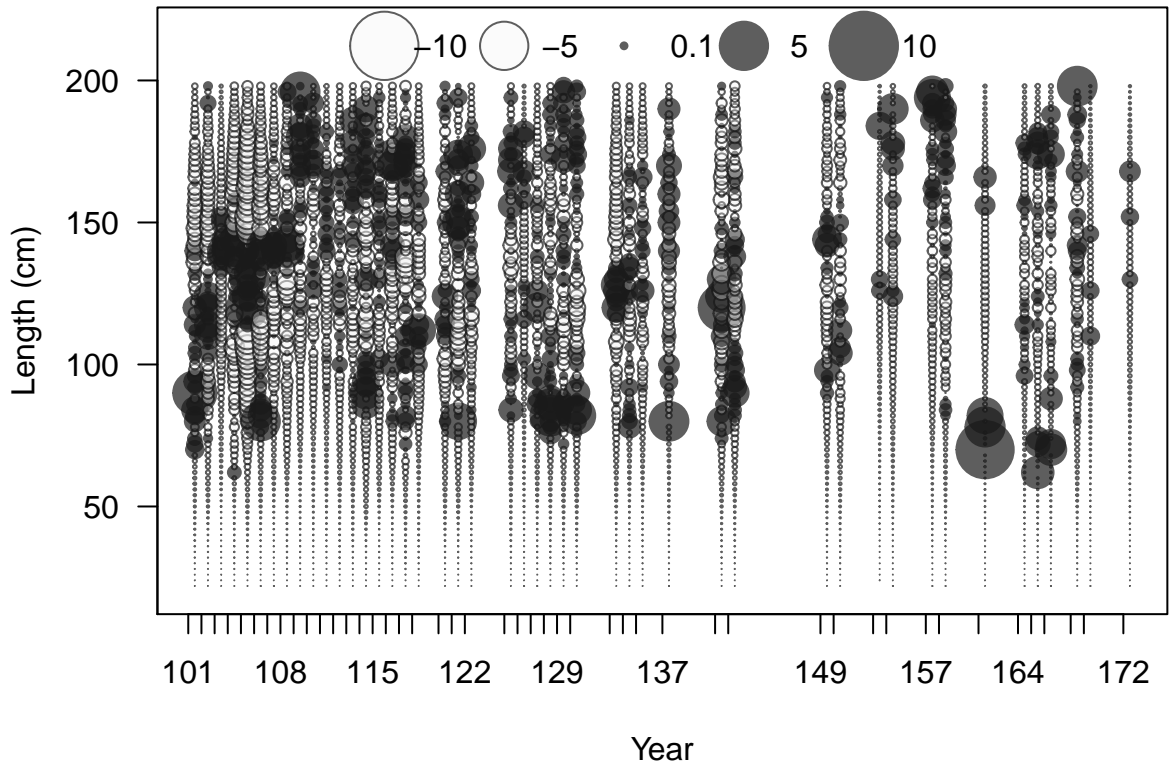


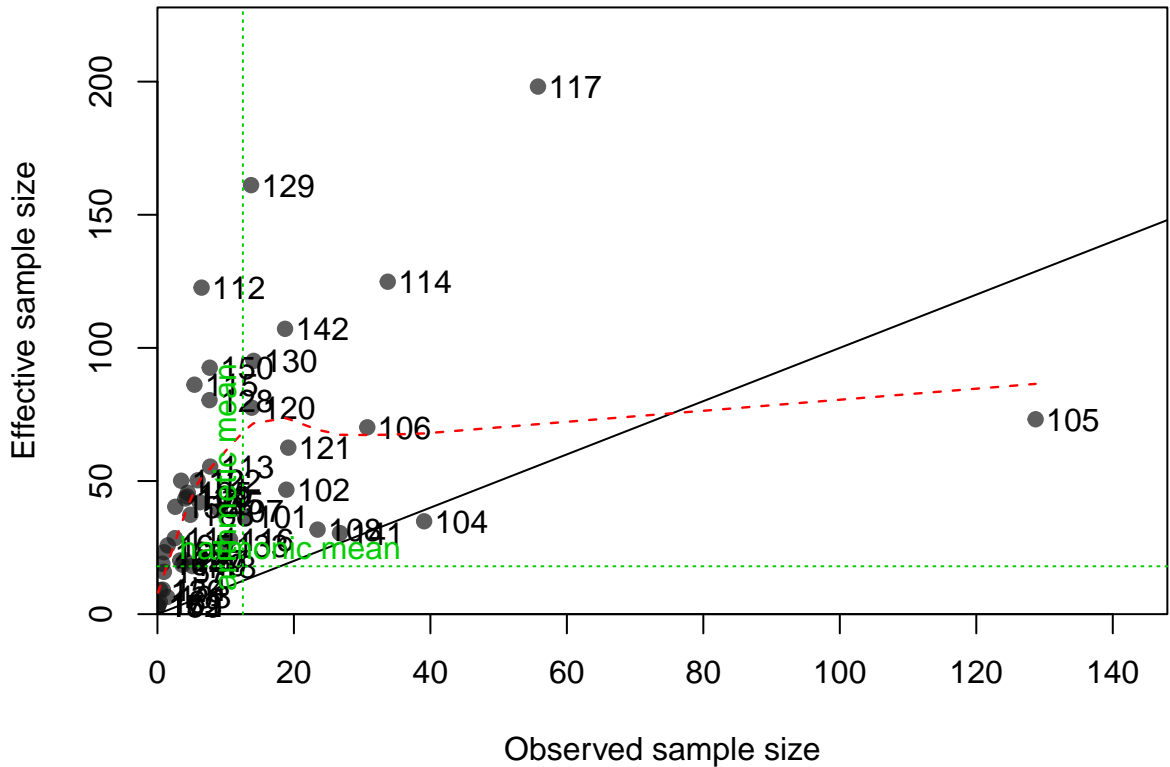
Proportion



Proportion

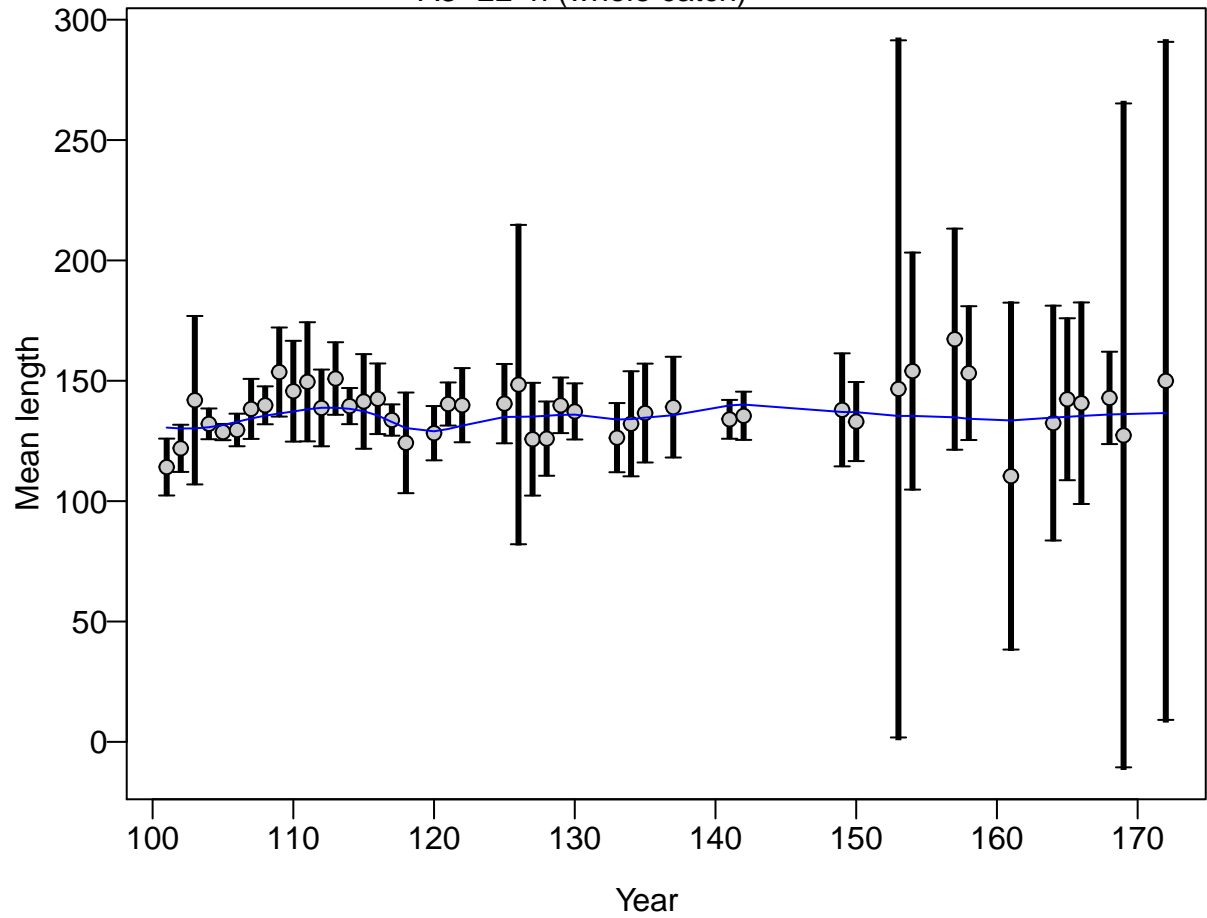




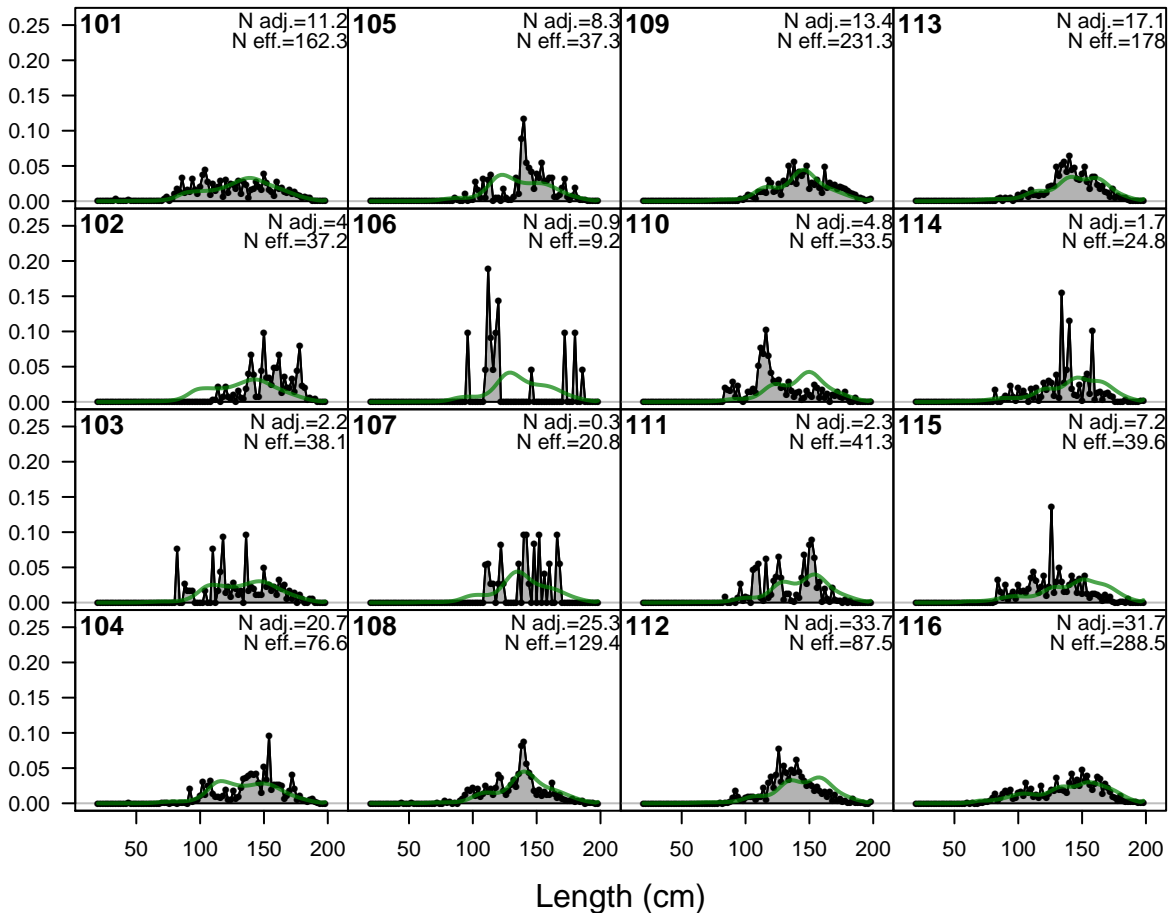




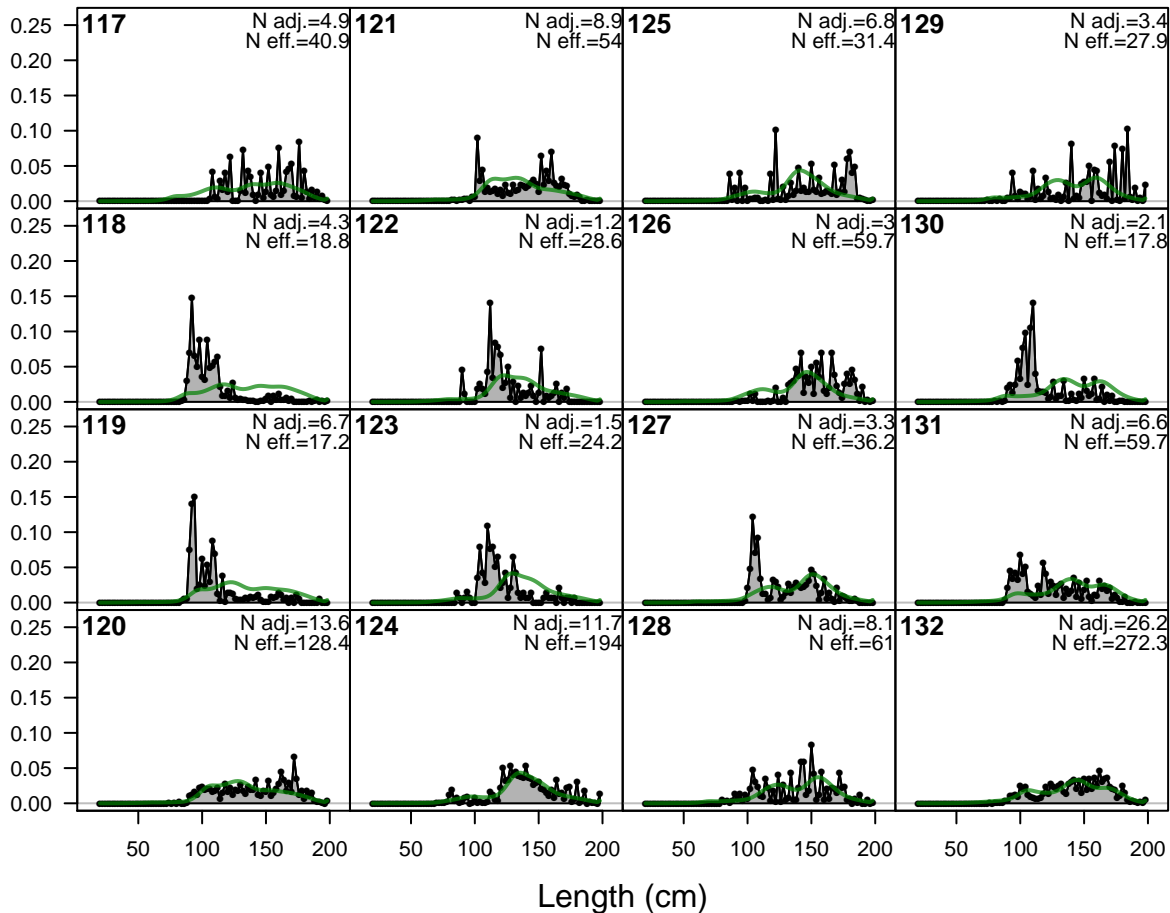
A3-LL-n (whole catch)



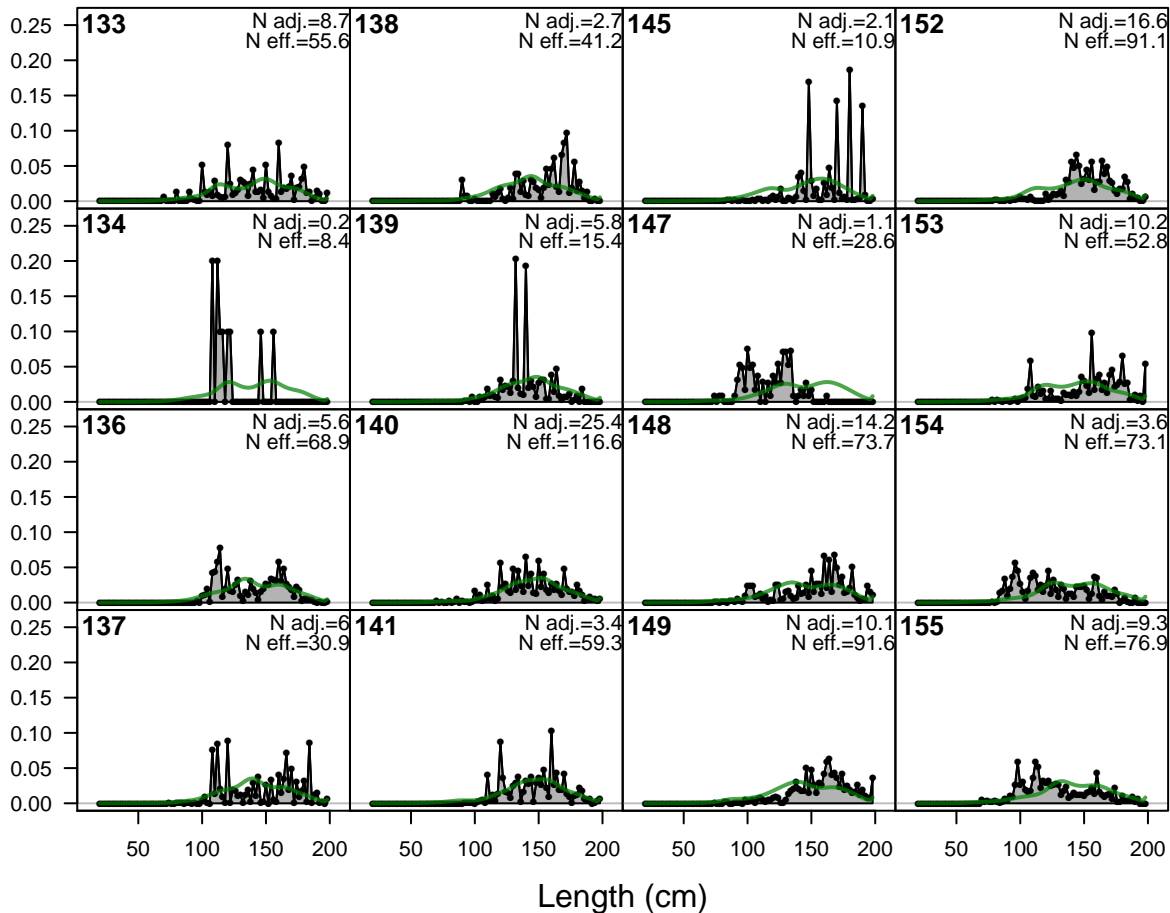
Proportion



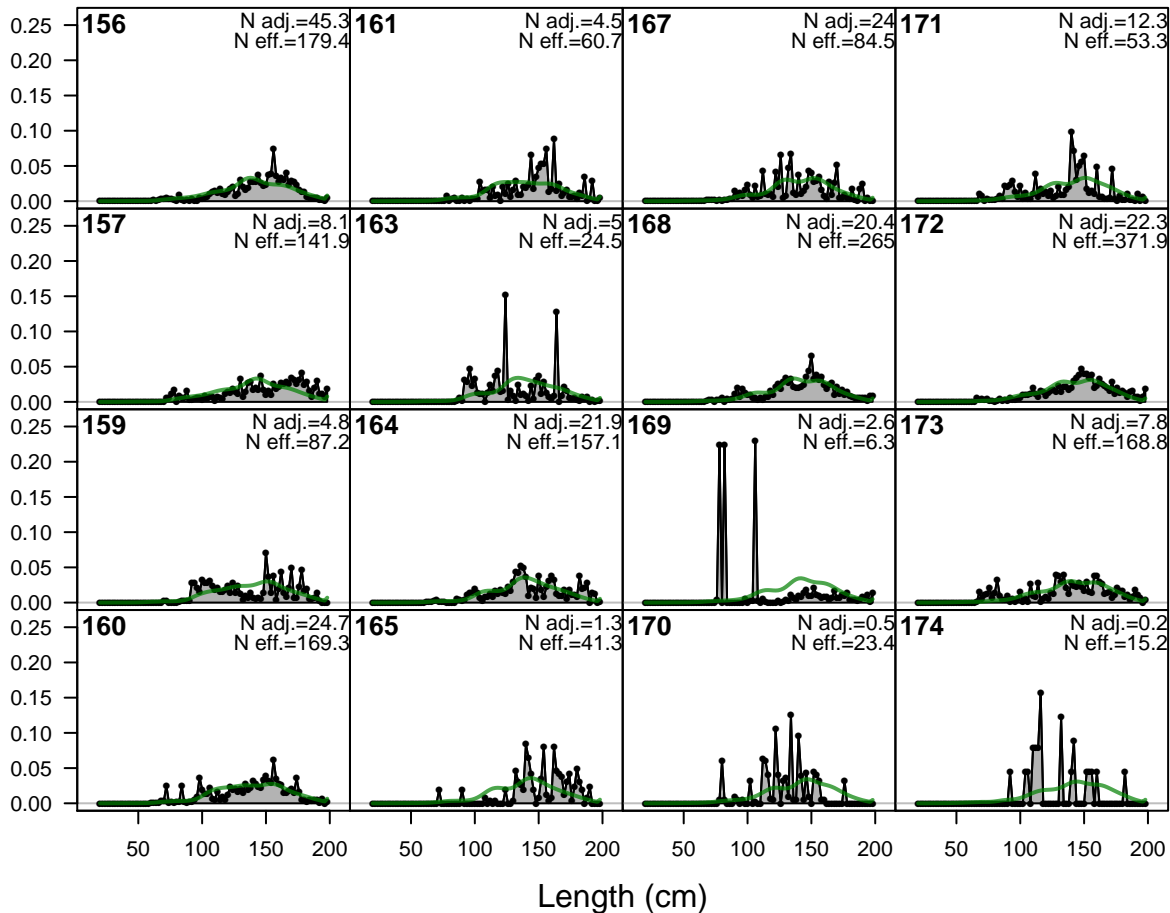
Proportion



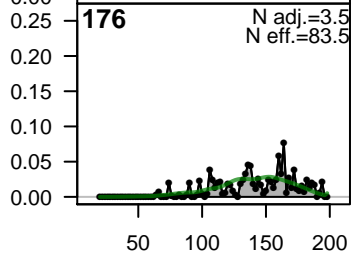
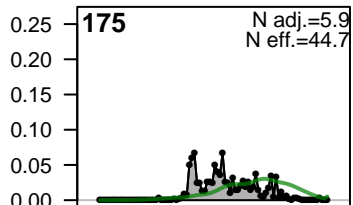
Proportion



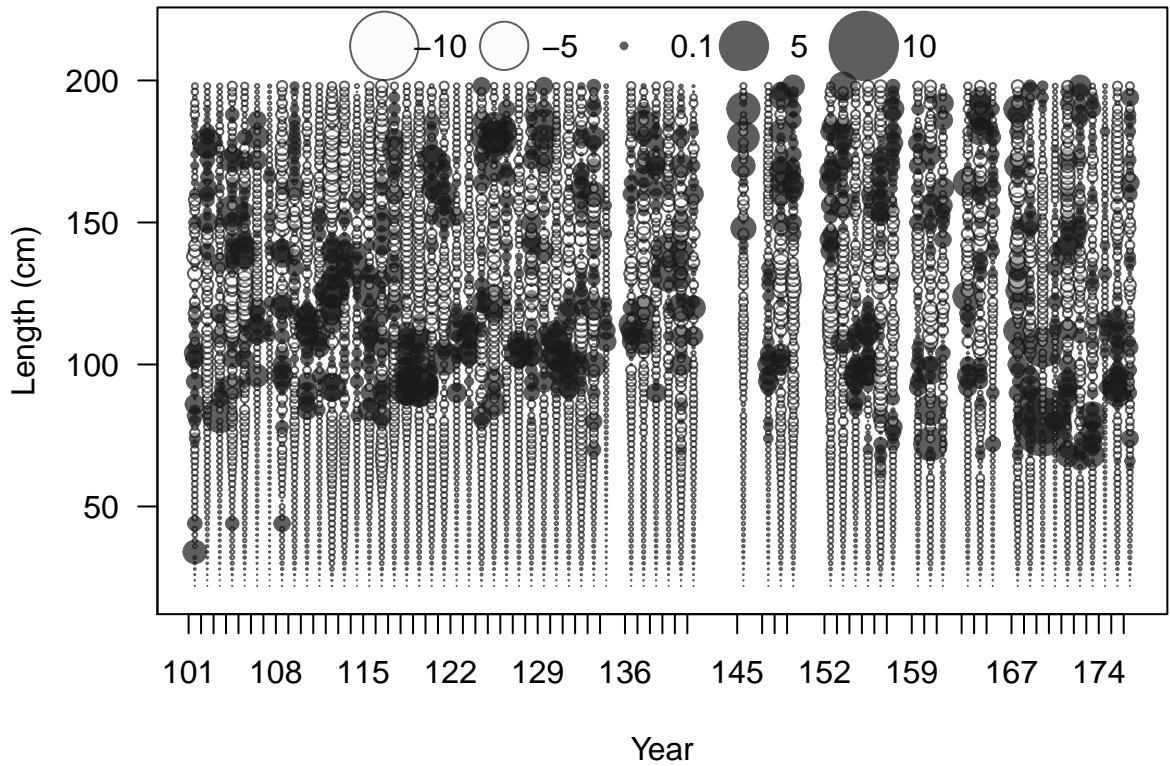
Proportion



Proportion



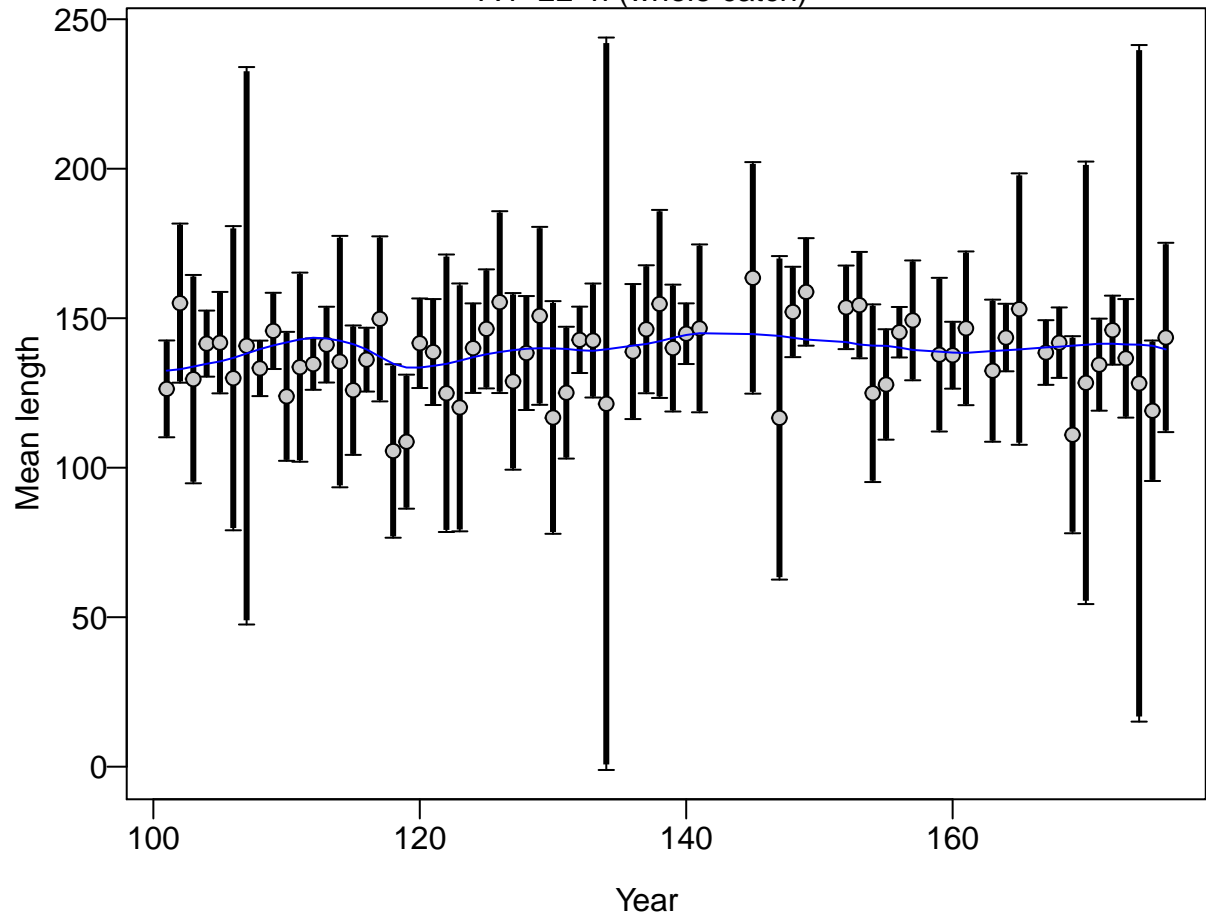
Length (cm)



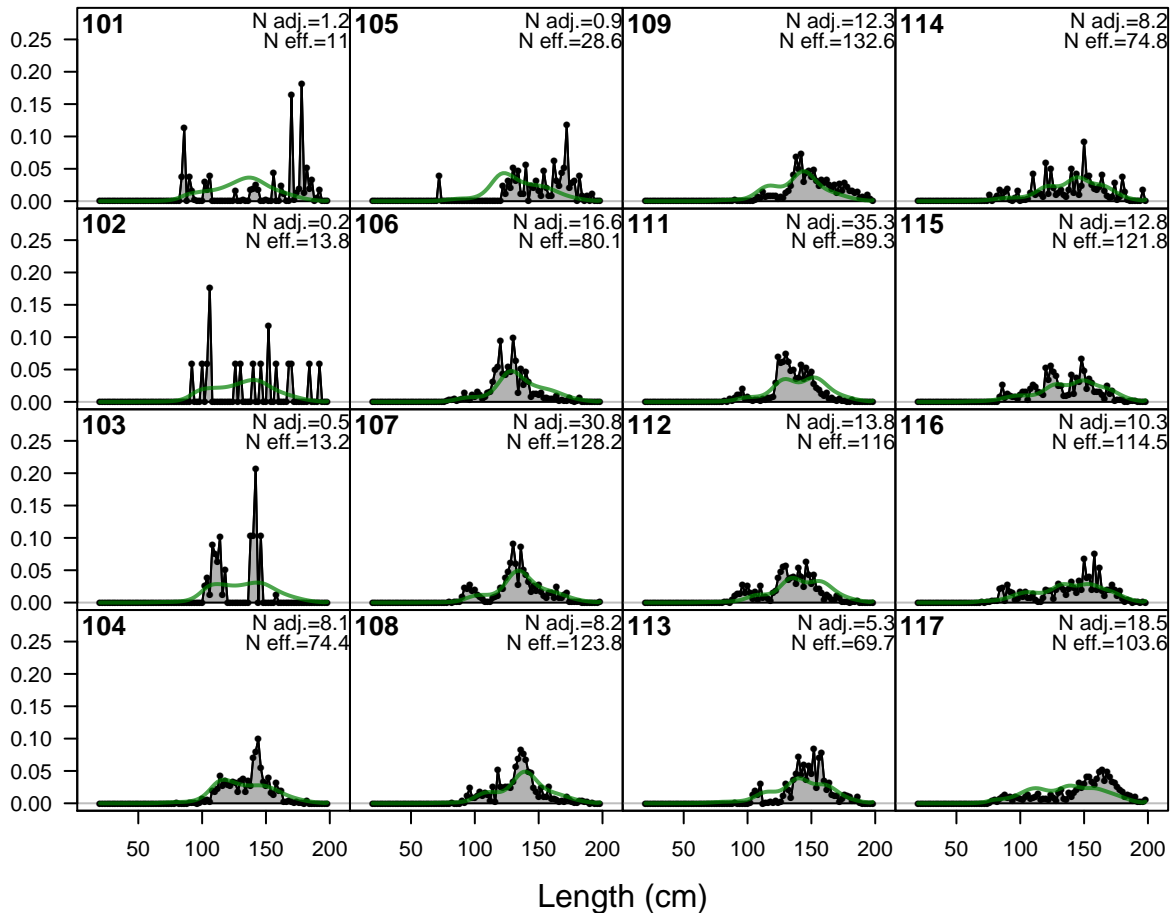




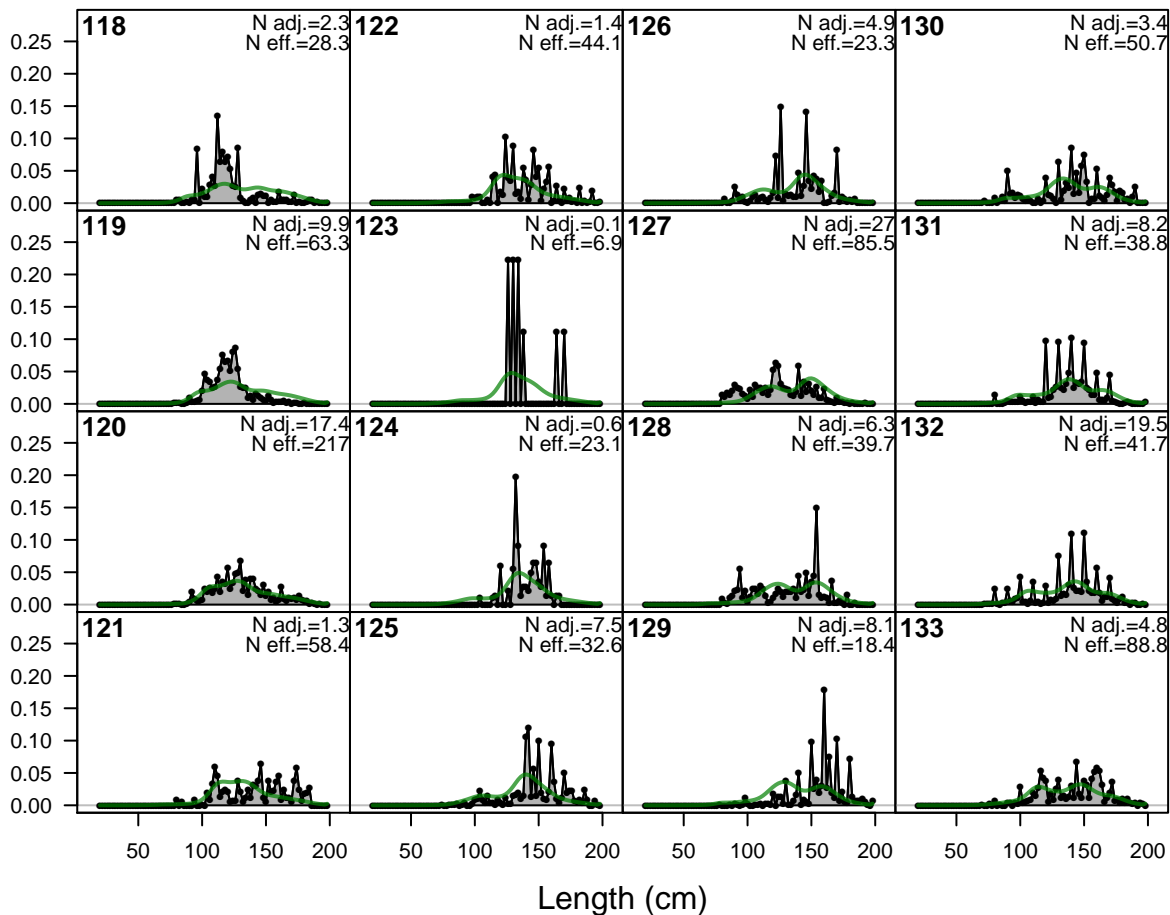
A4-LL-n (whole catch)



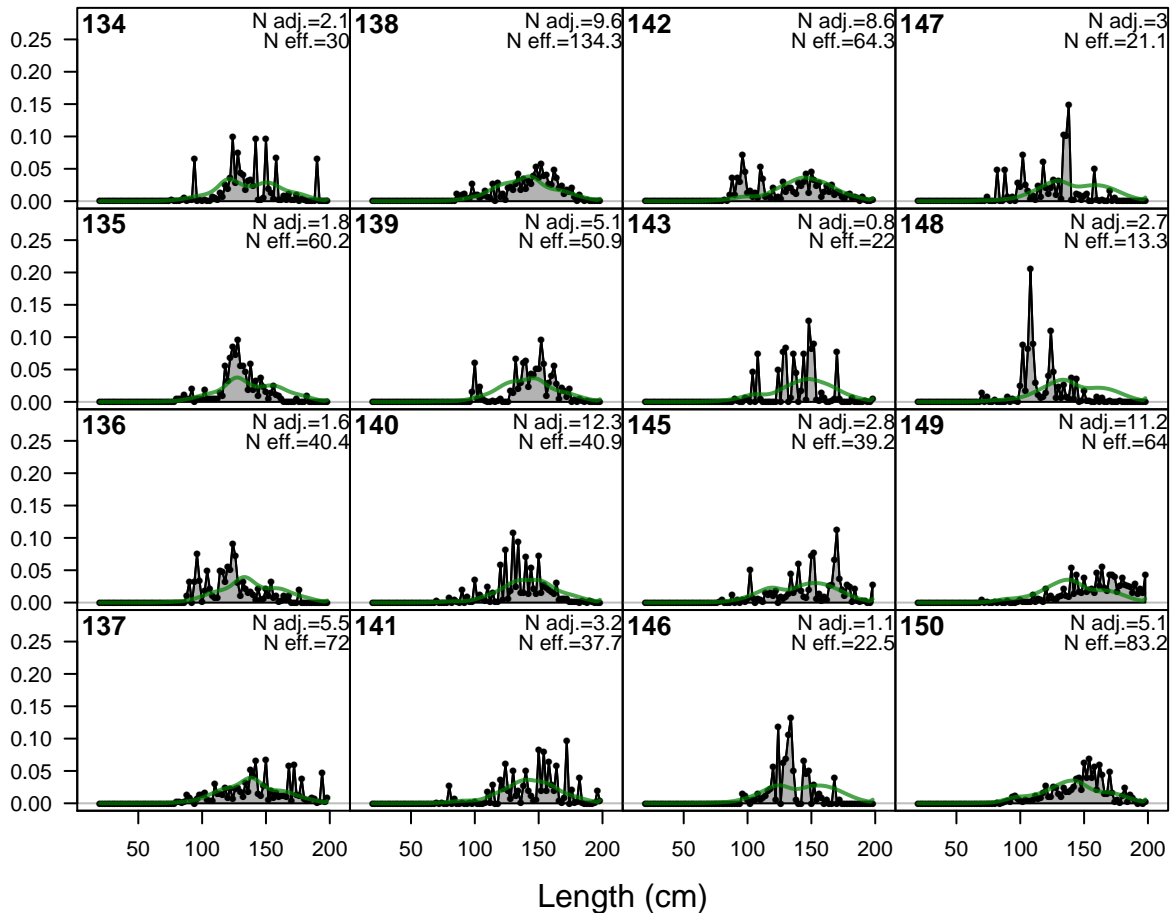
Proportion



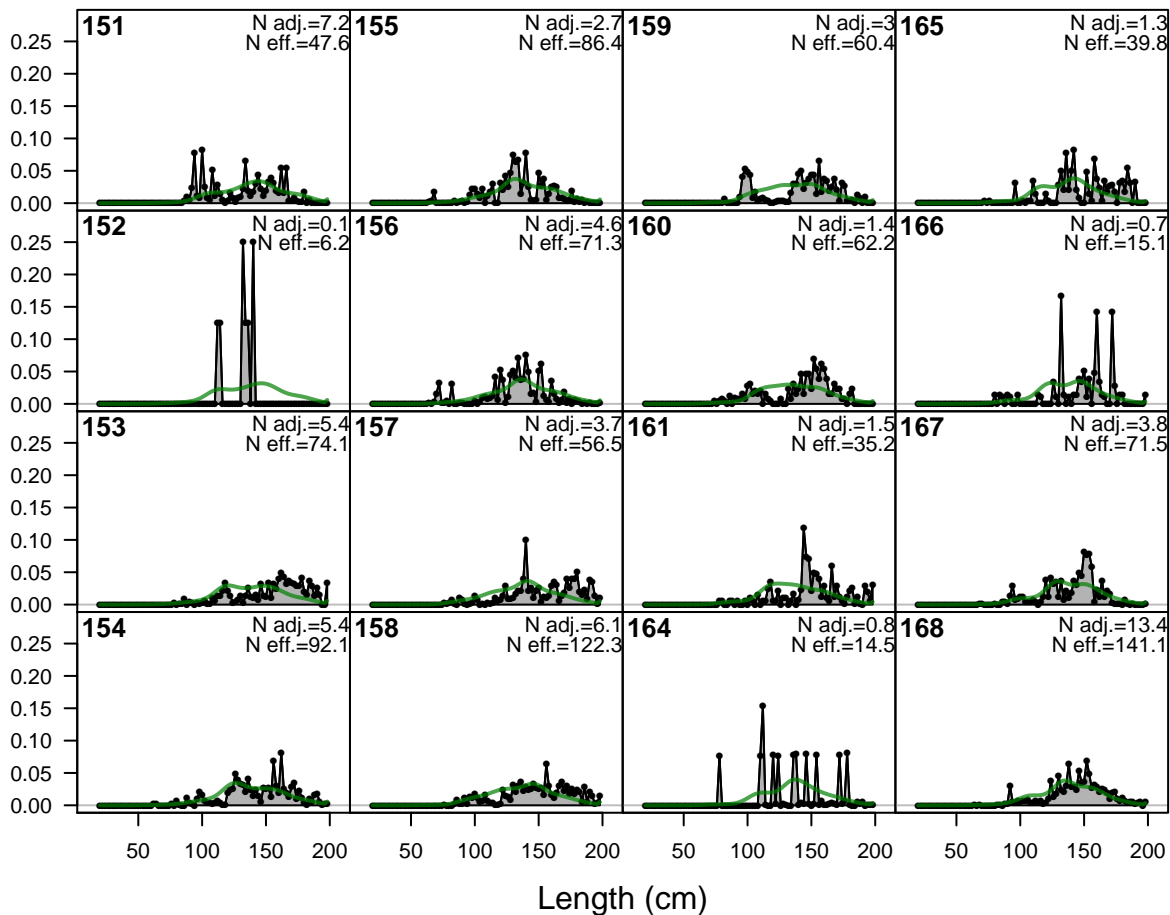
Proportion



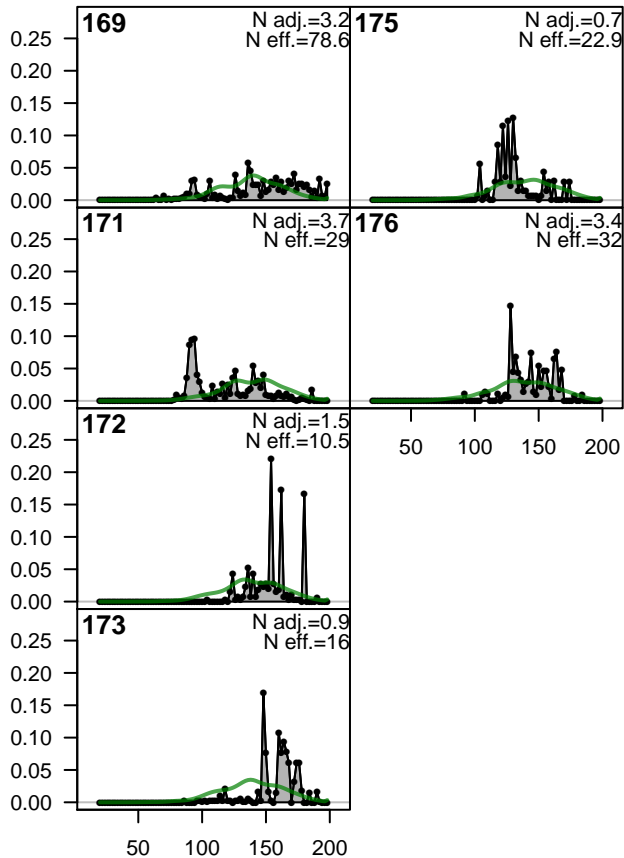
Proportion



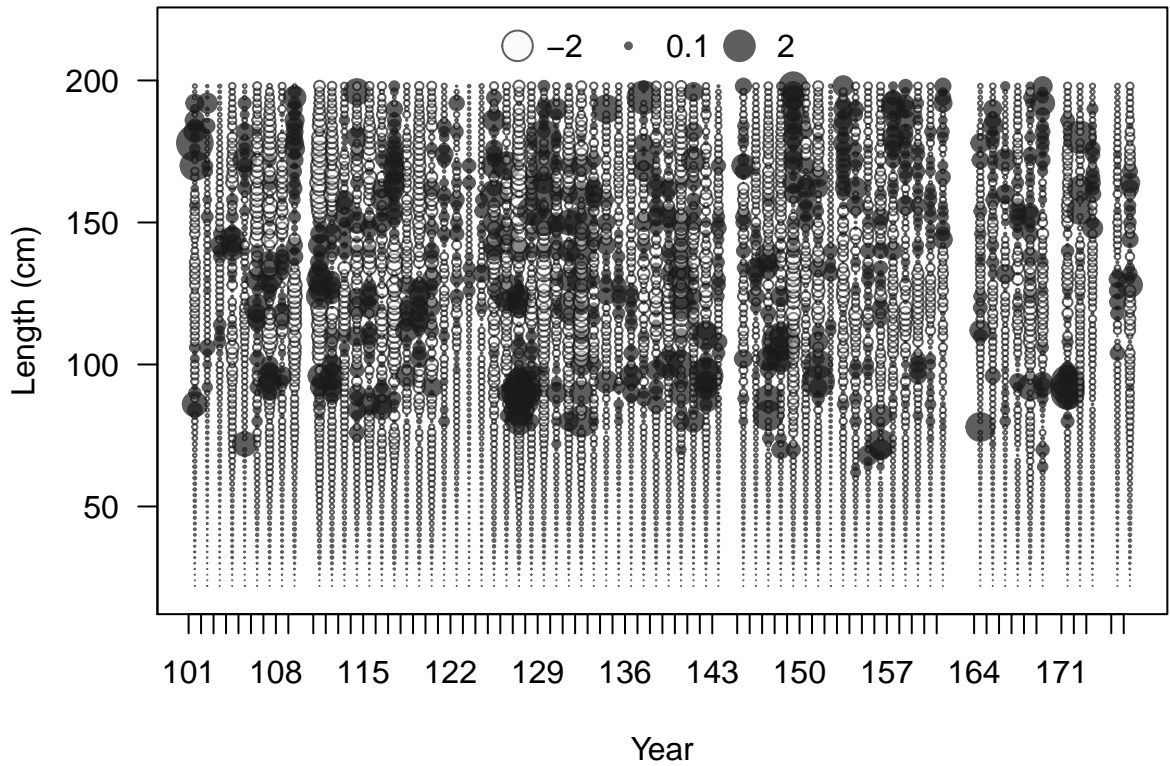
Proportion

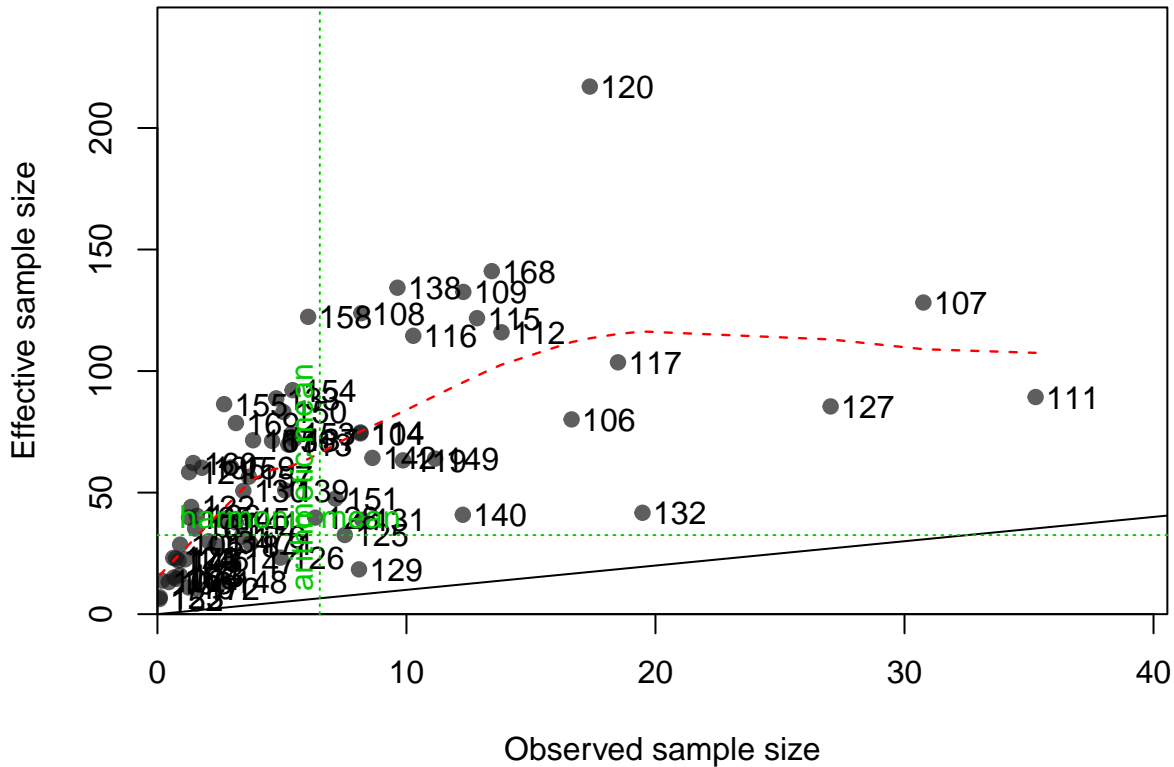


Proportion



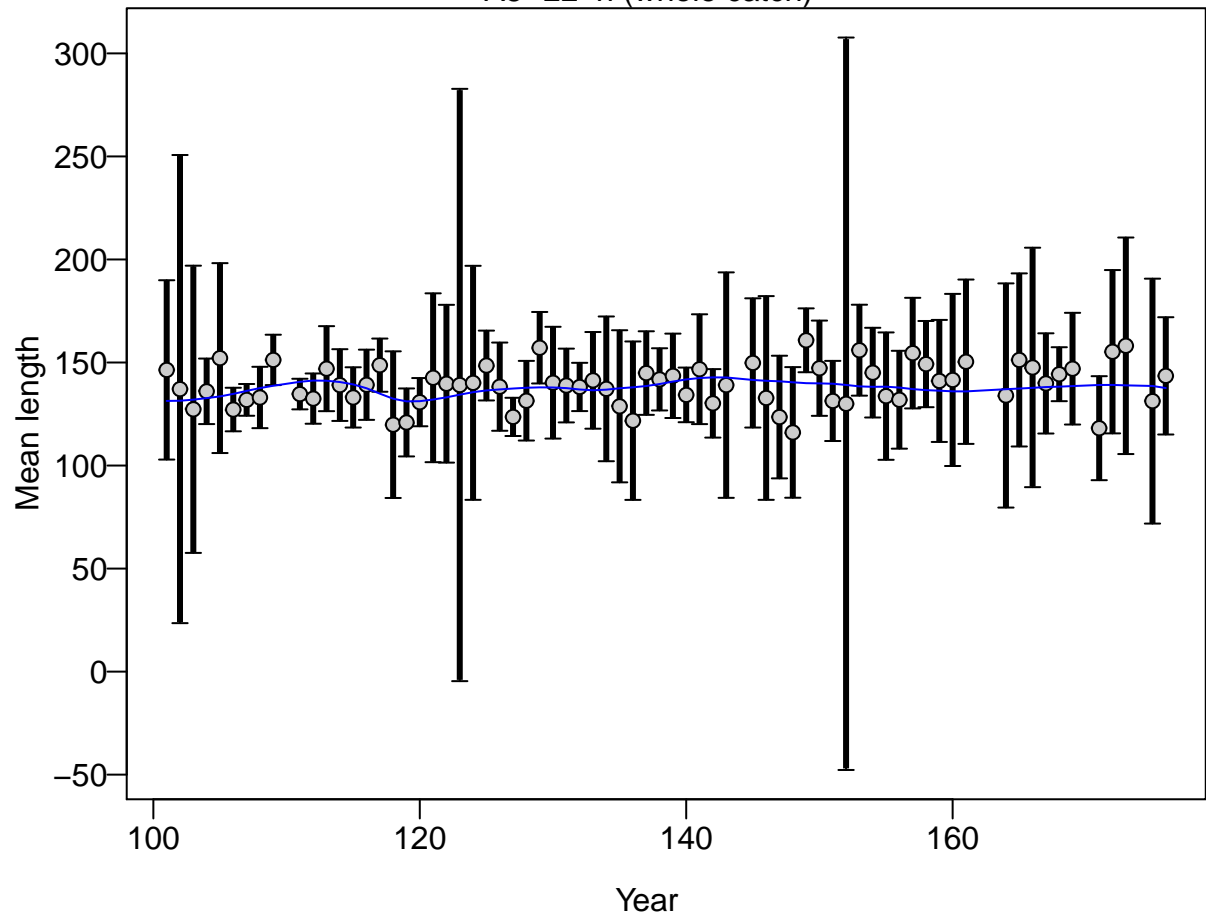
Length (cm)



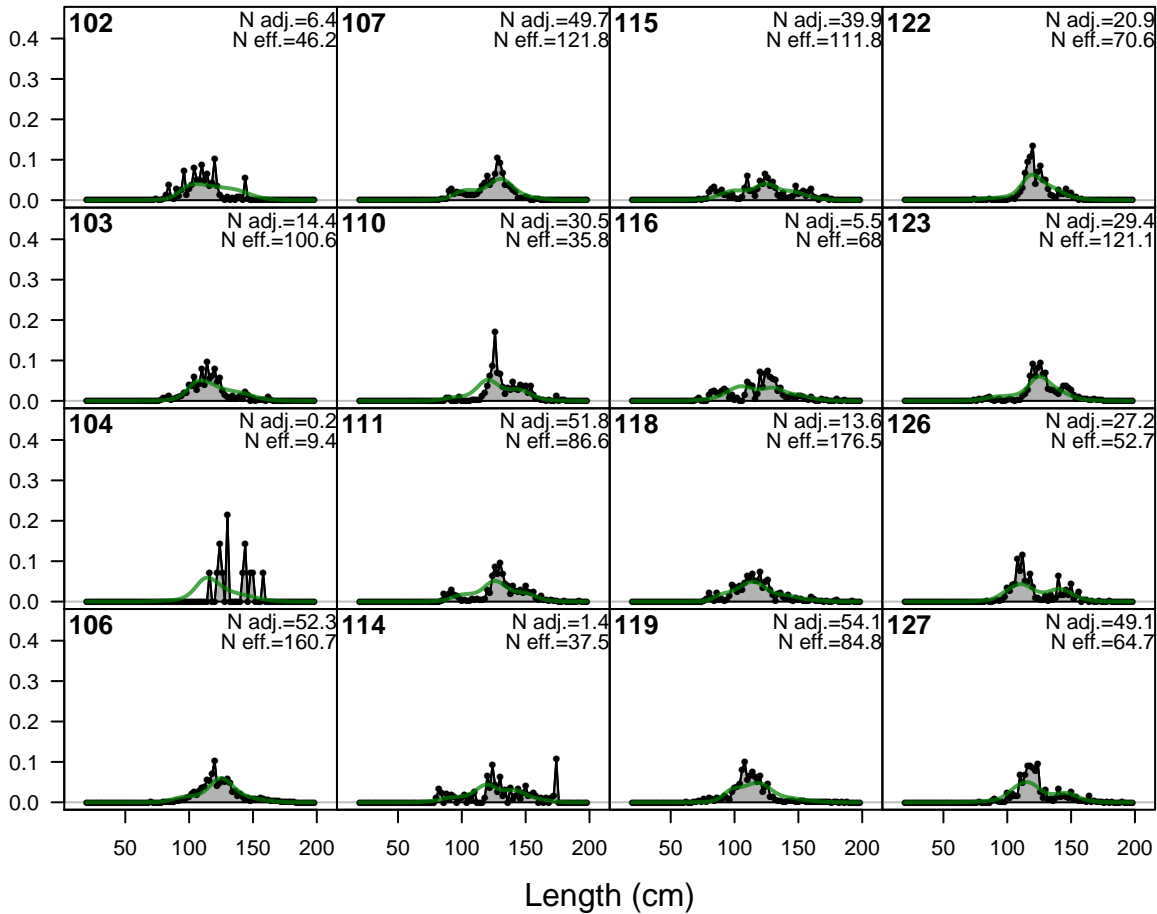




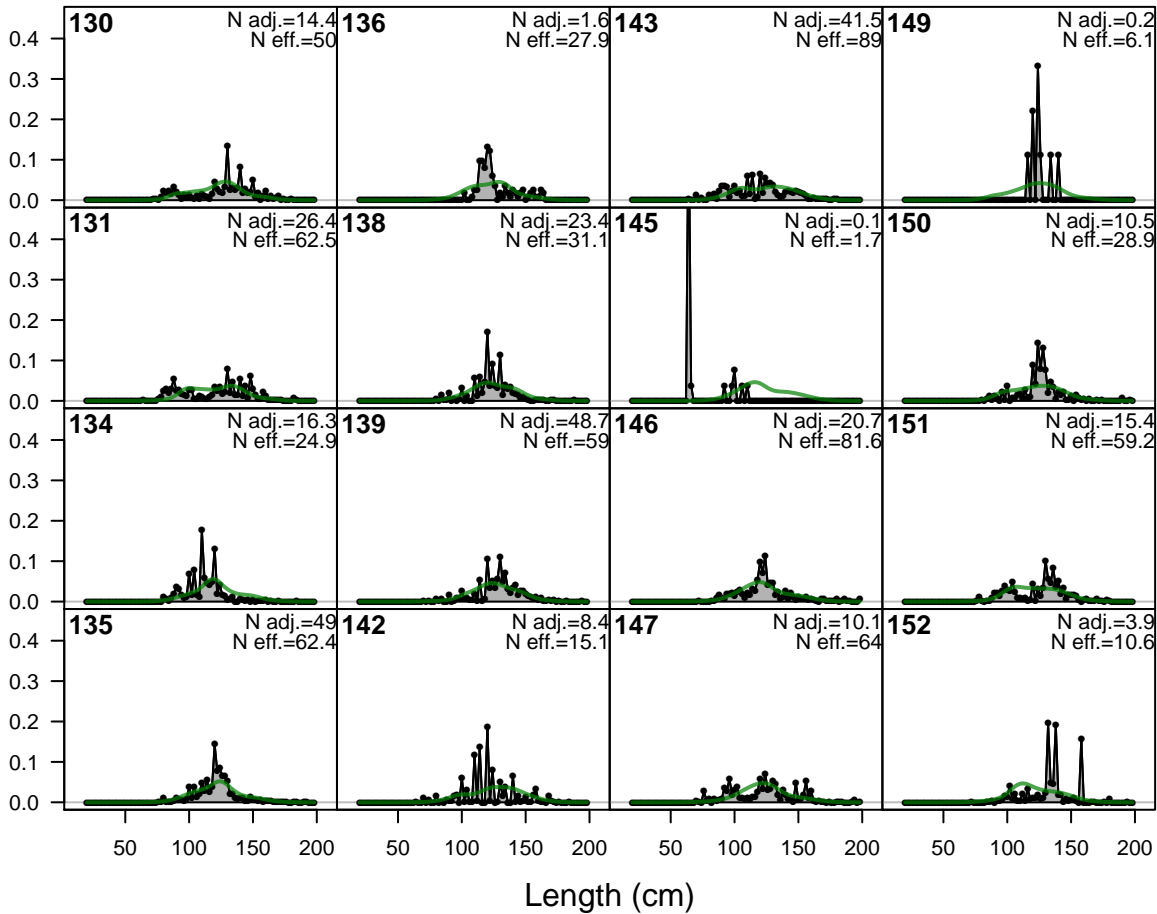
A5-LL-n (whole catch)

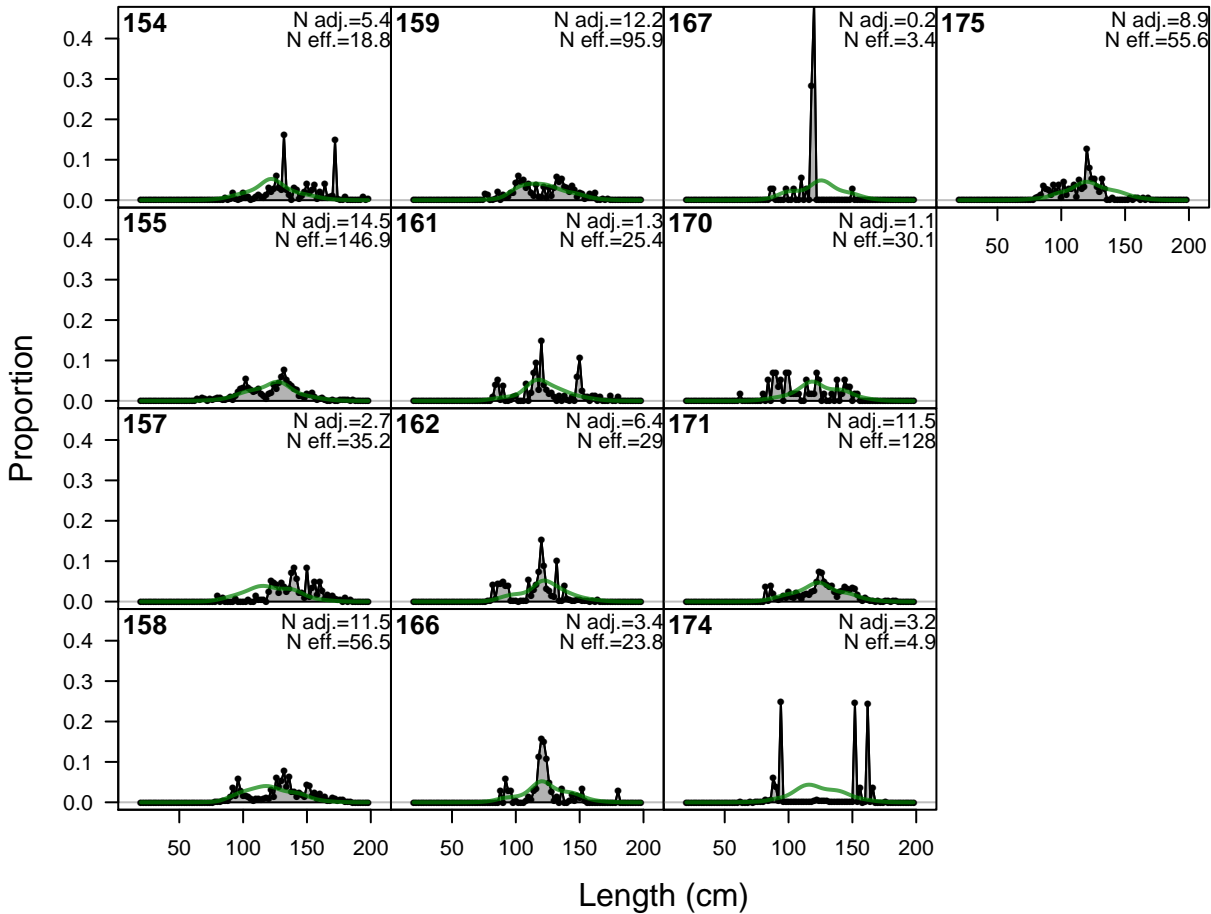


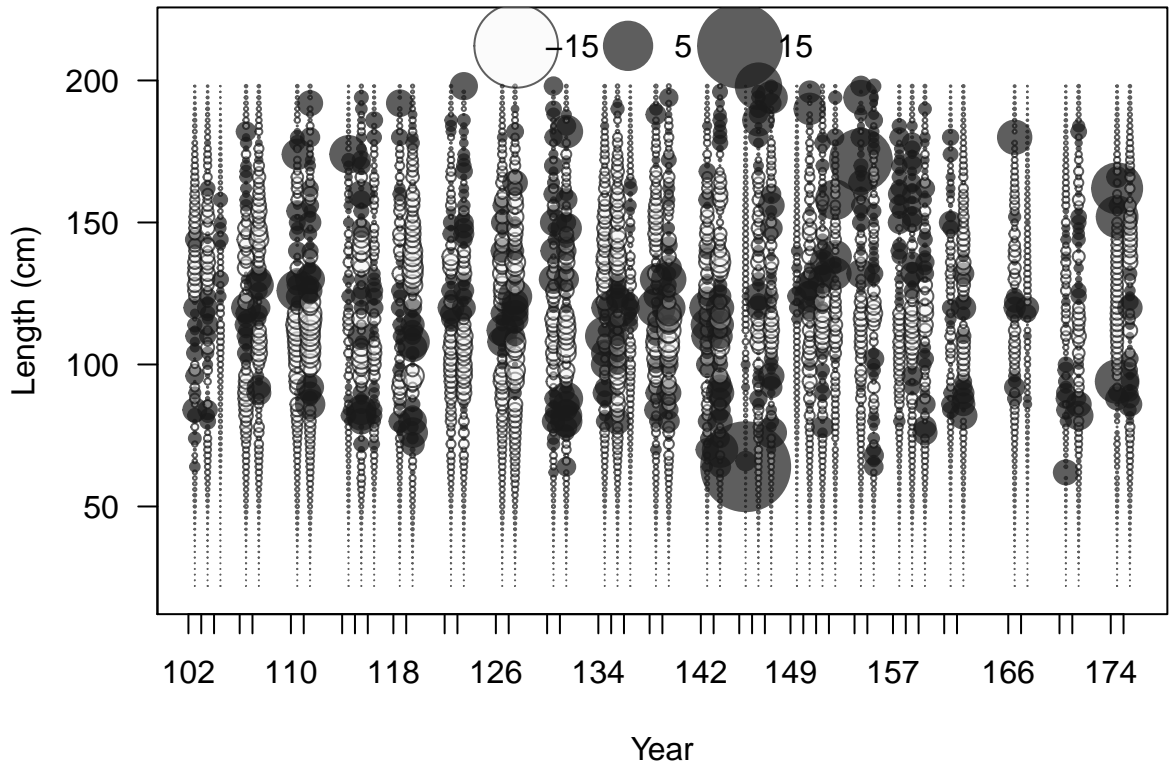
Proportion

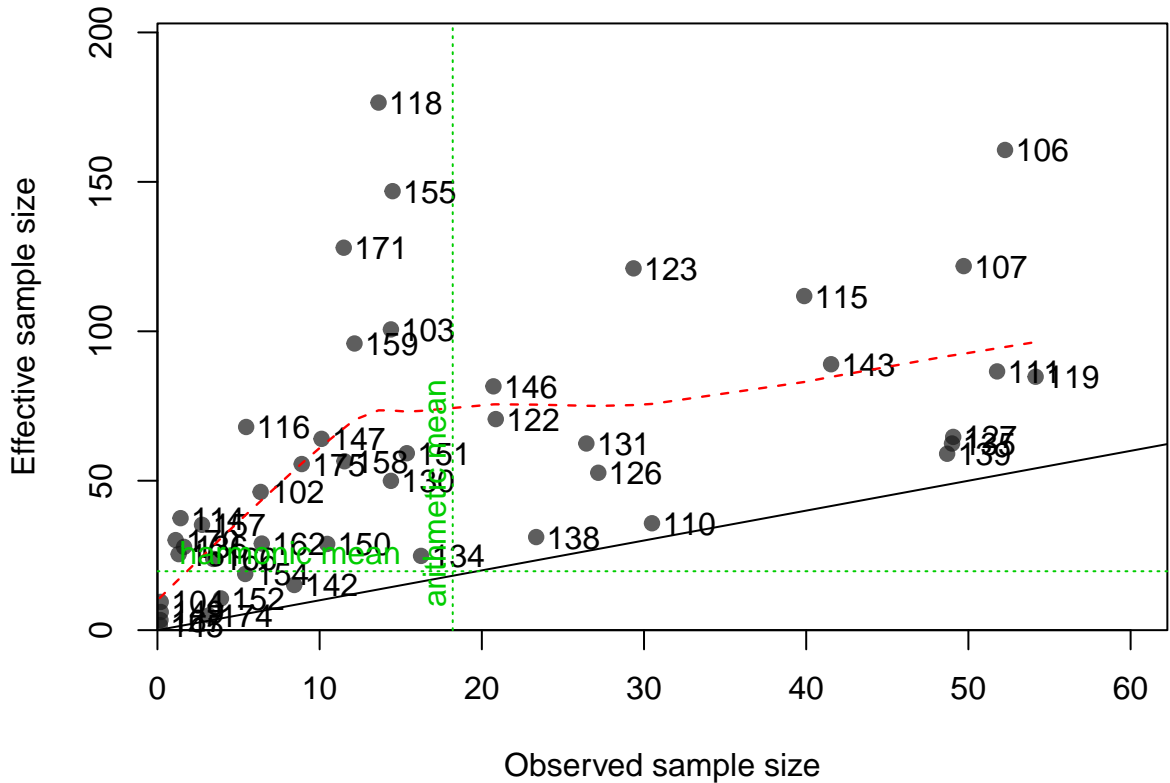


Proportion

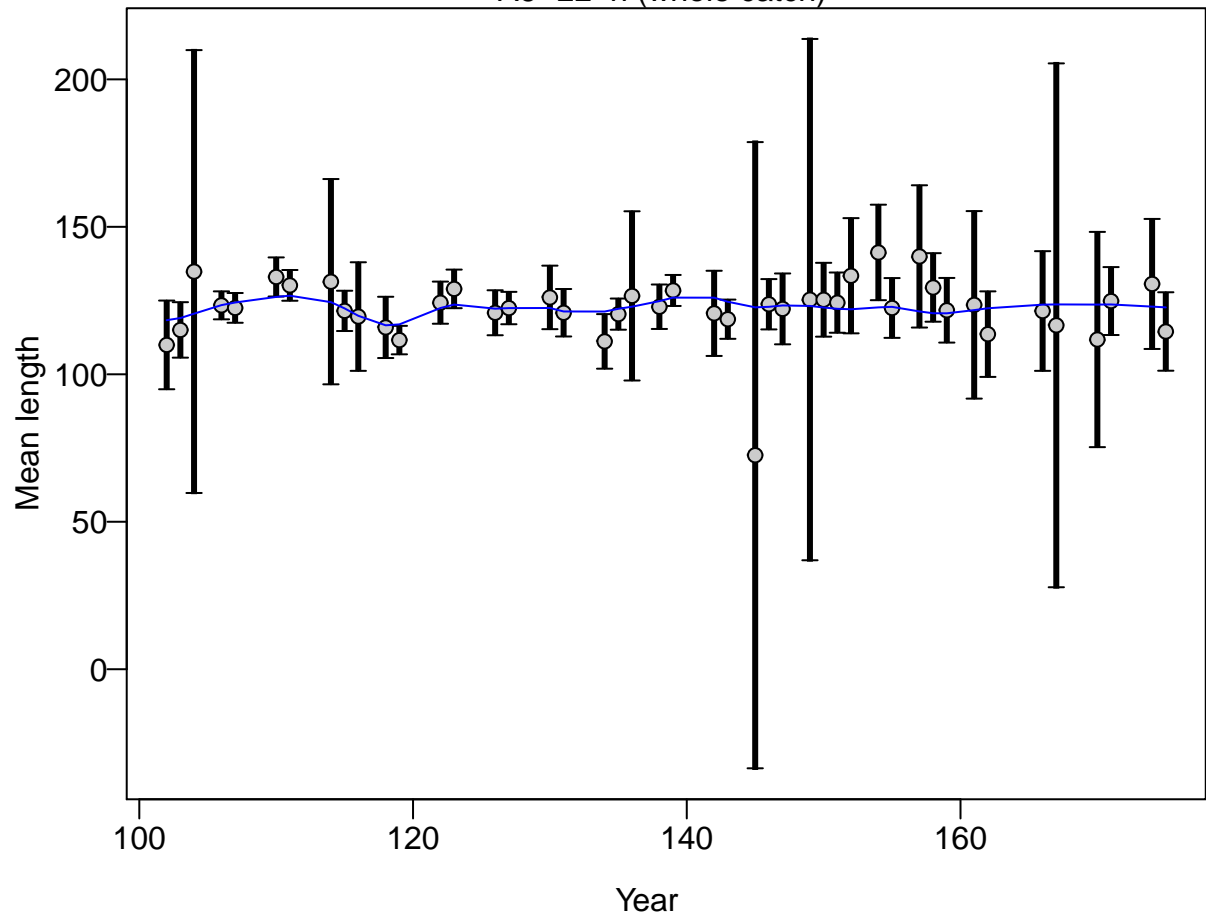




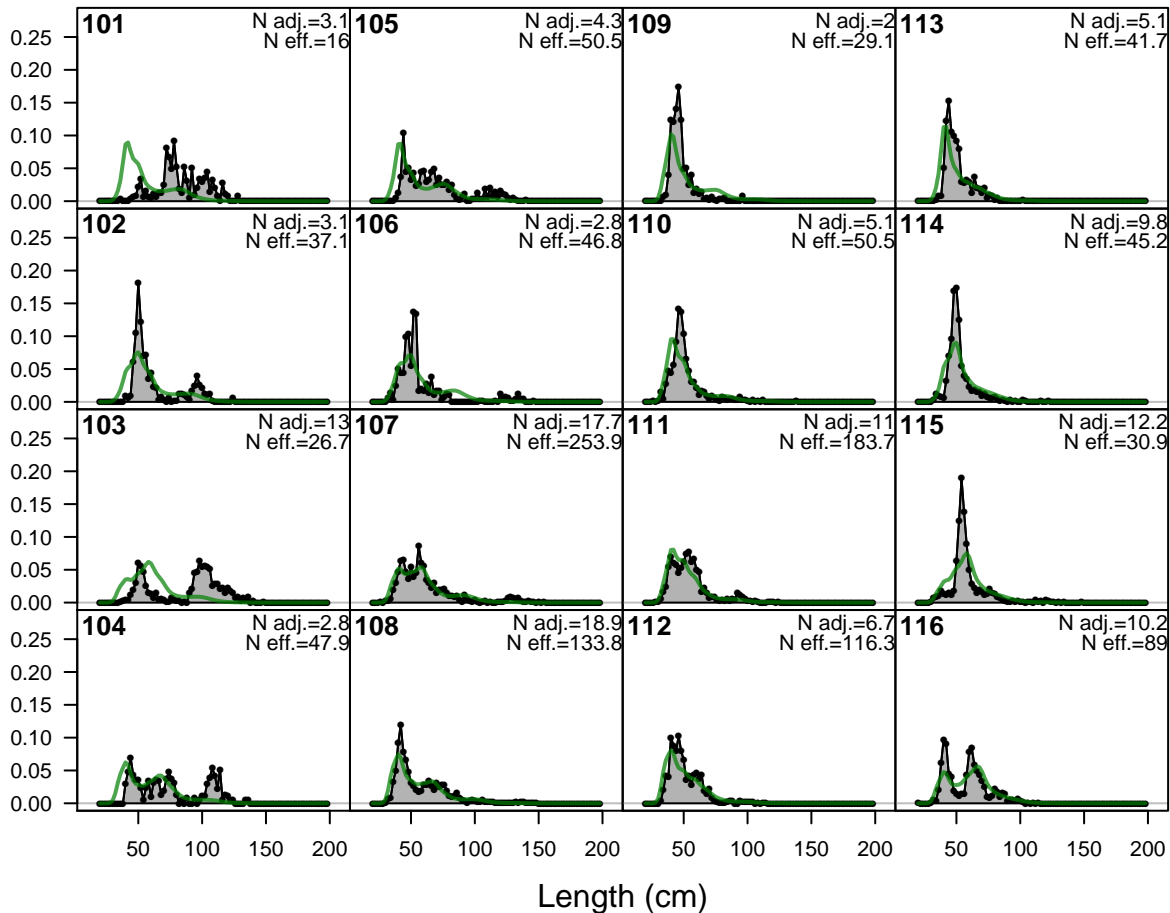




A6-LL-n (whole catch)

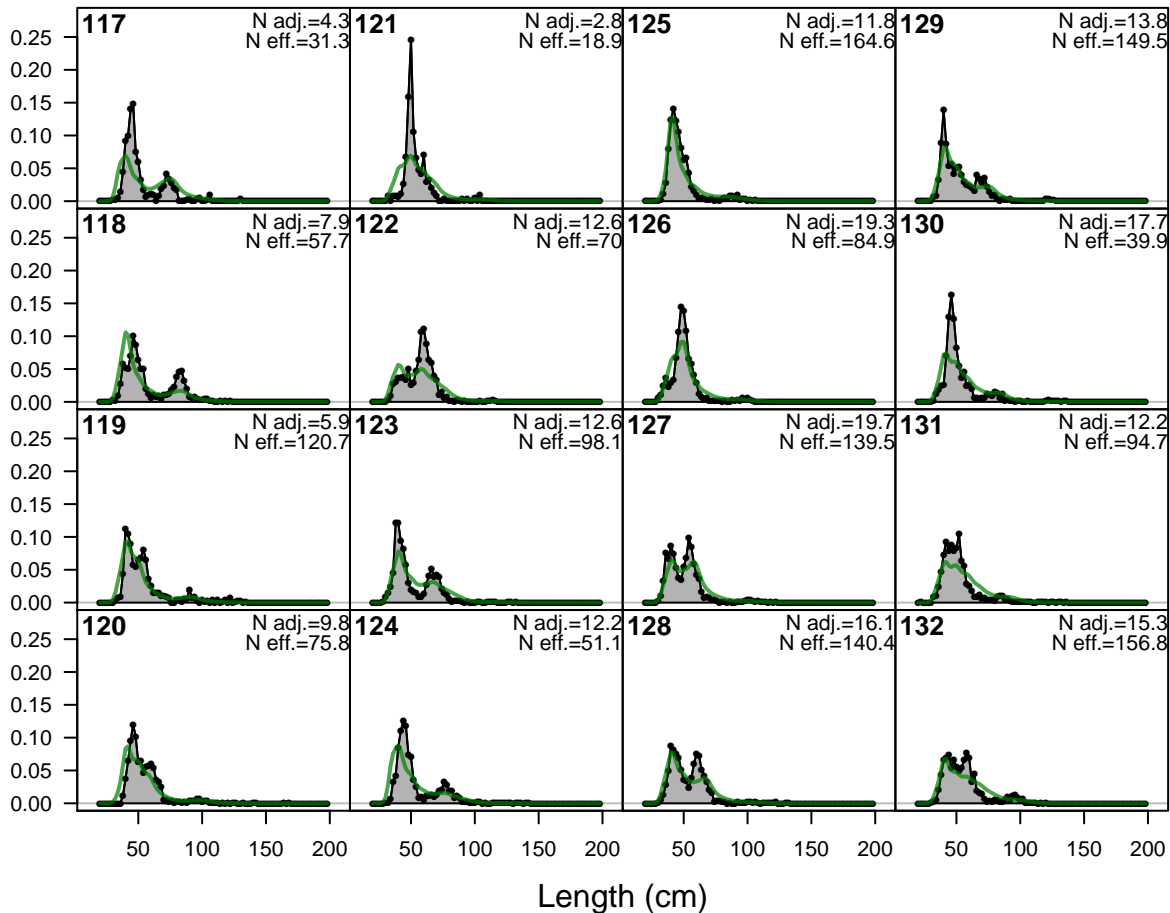


Proportion

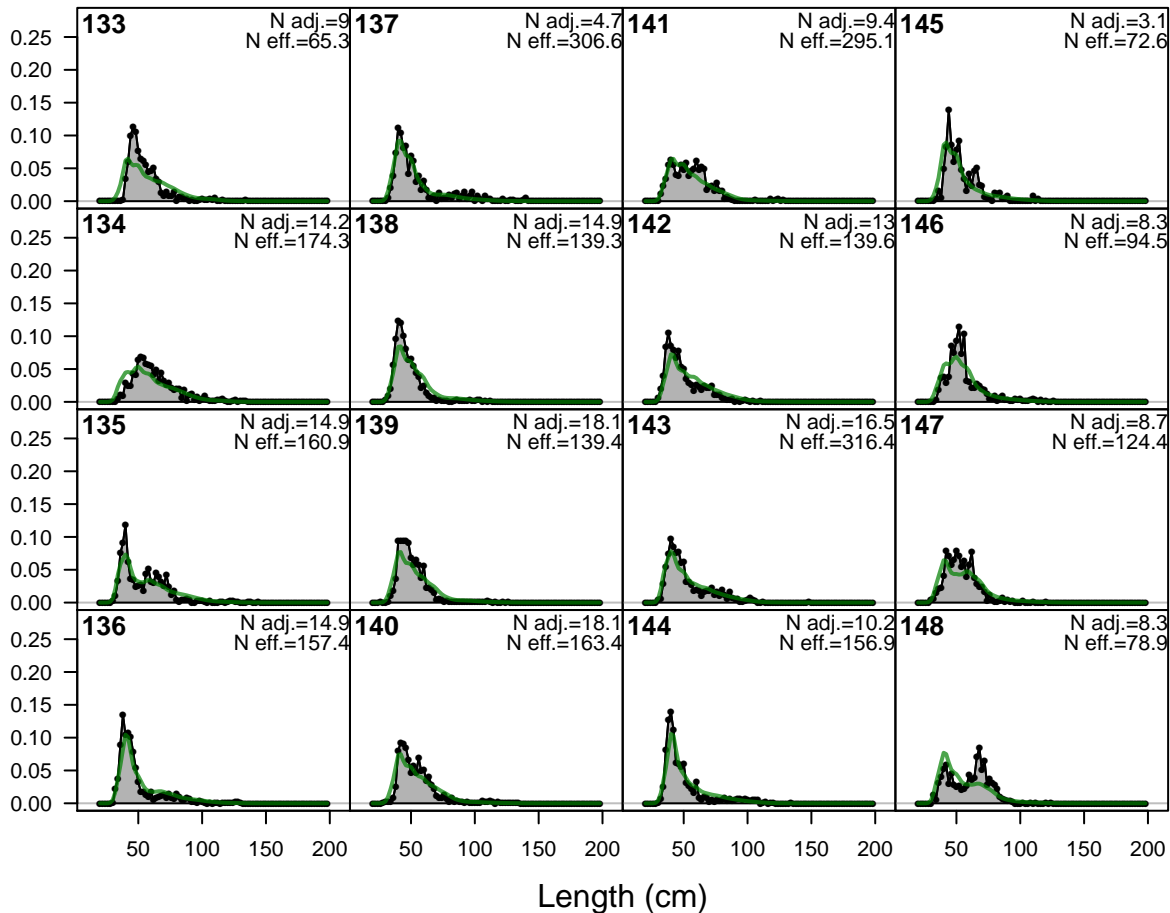




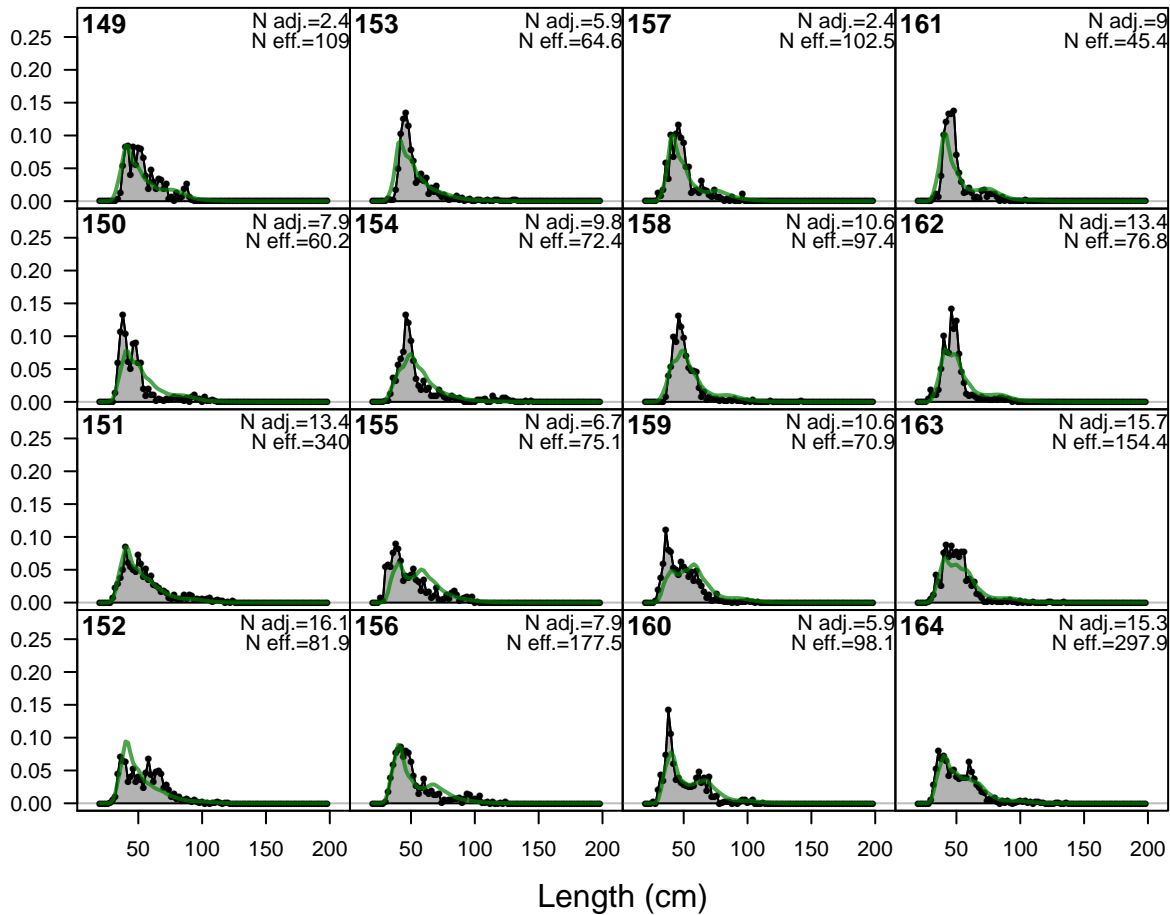
Proportion



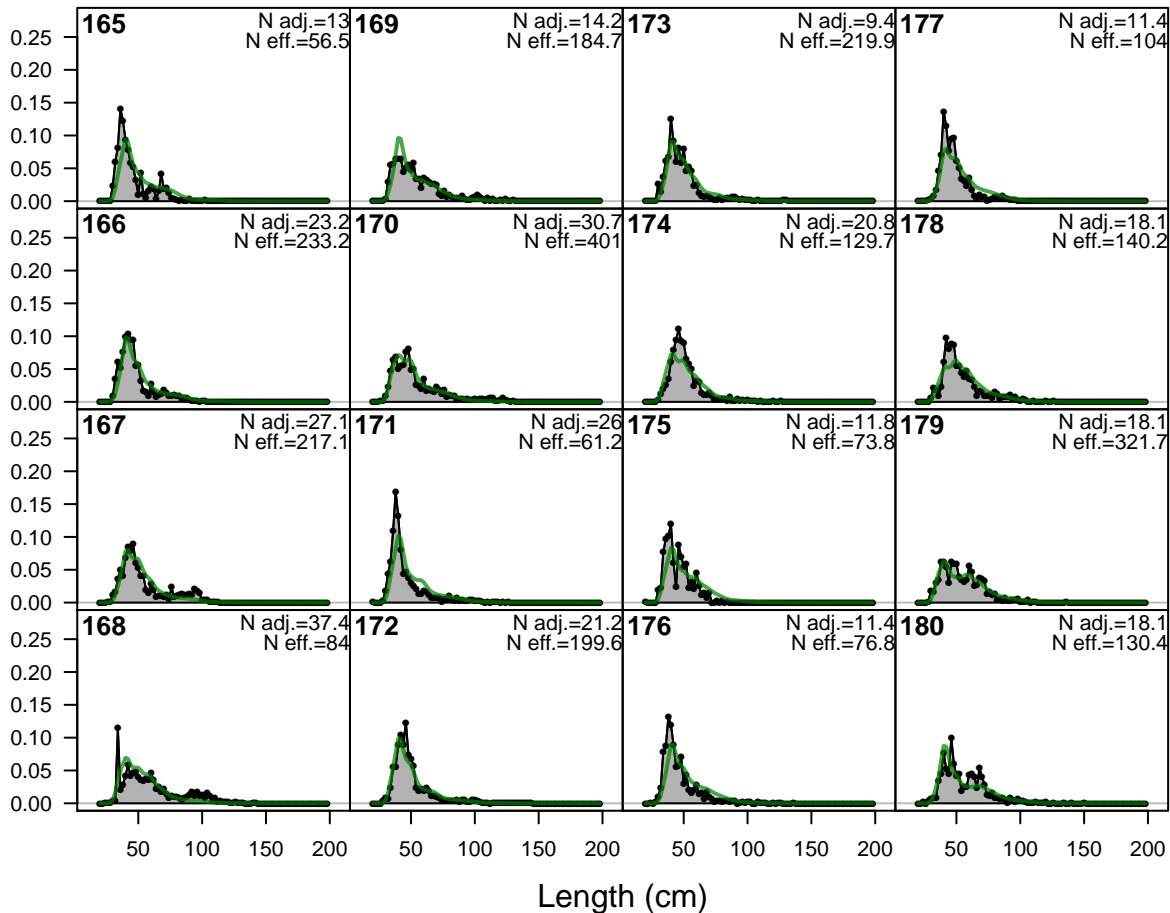
Proportion

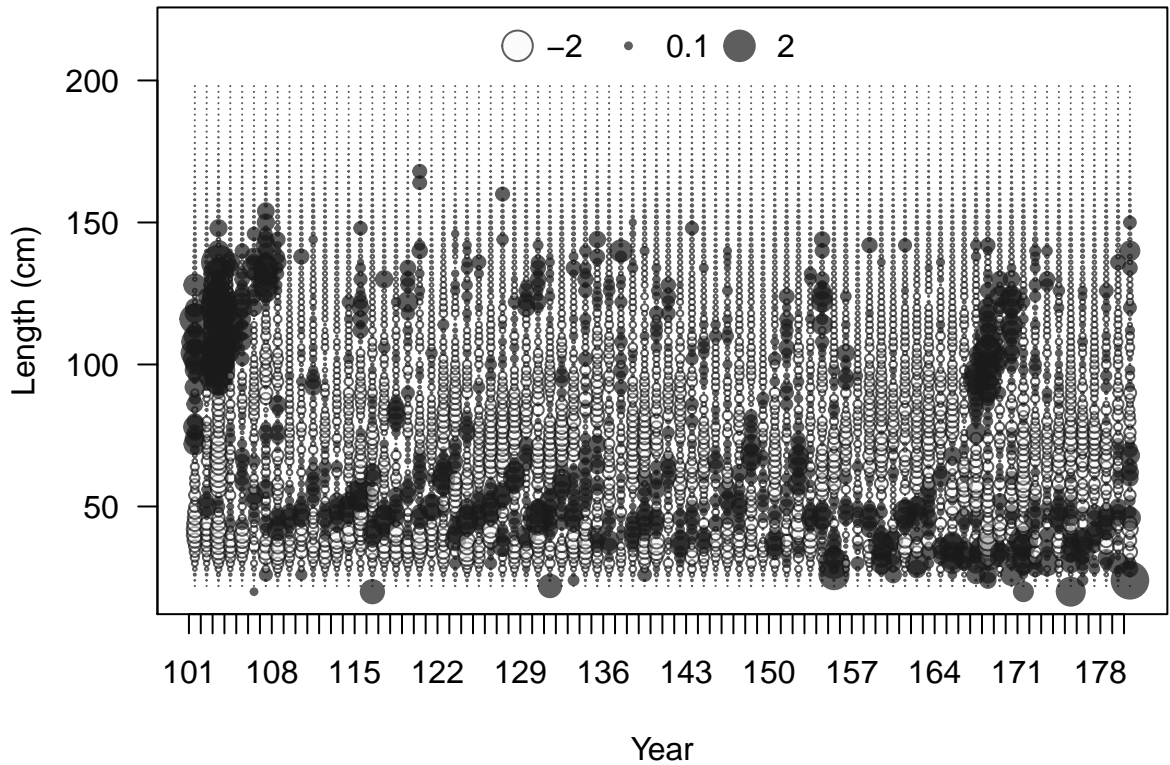


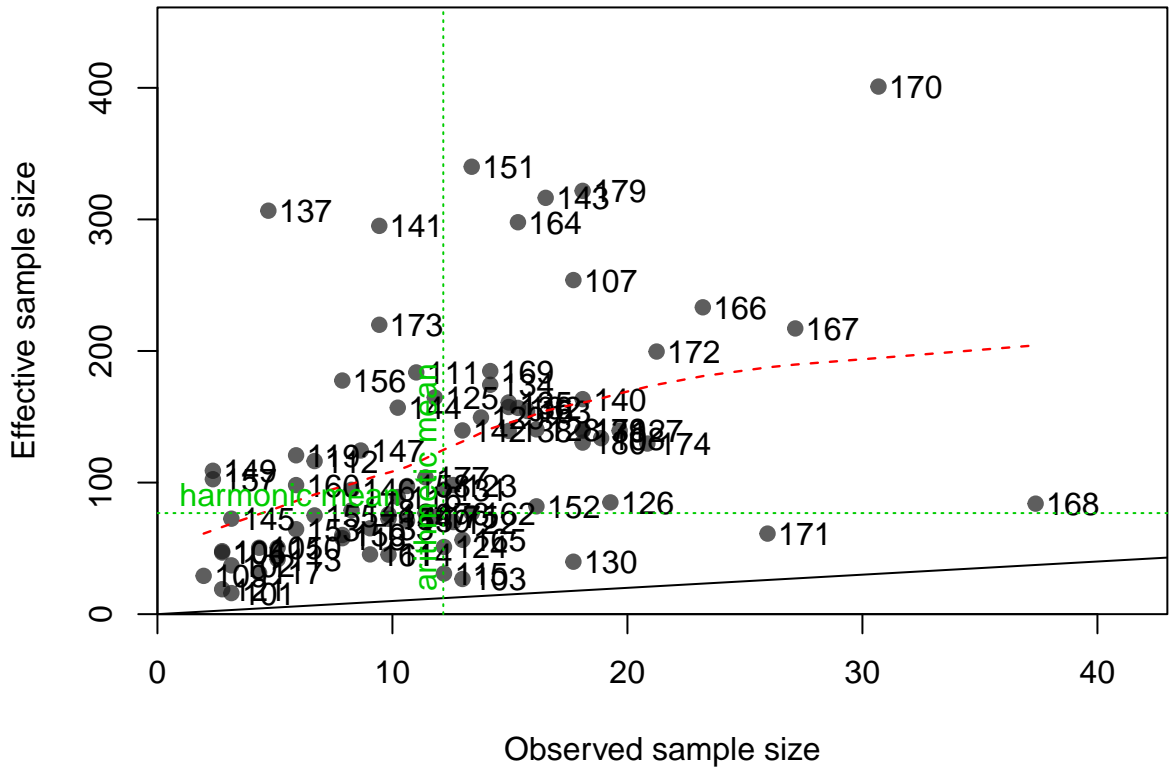
Proportion



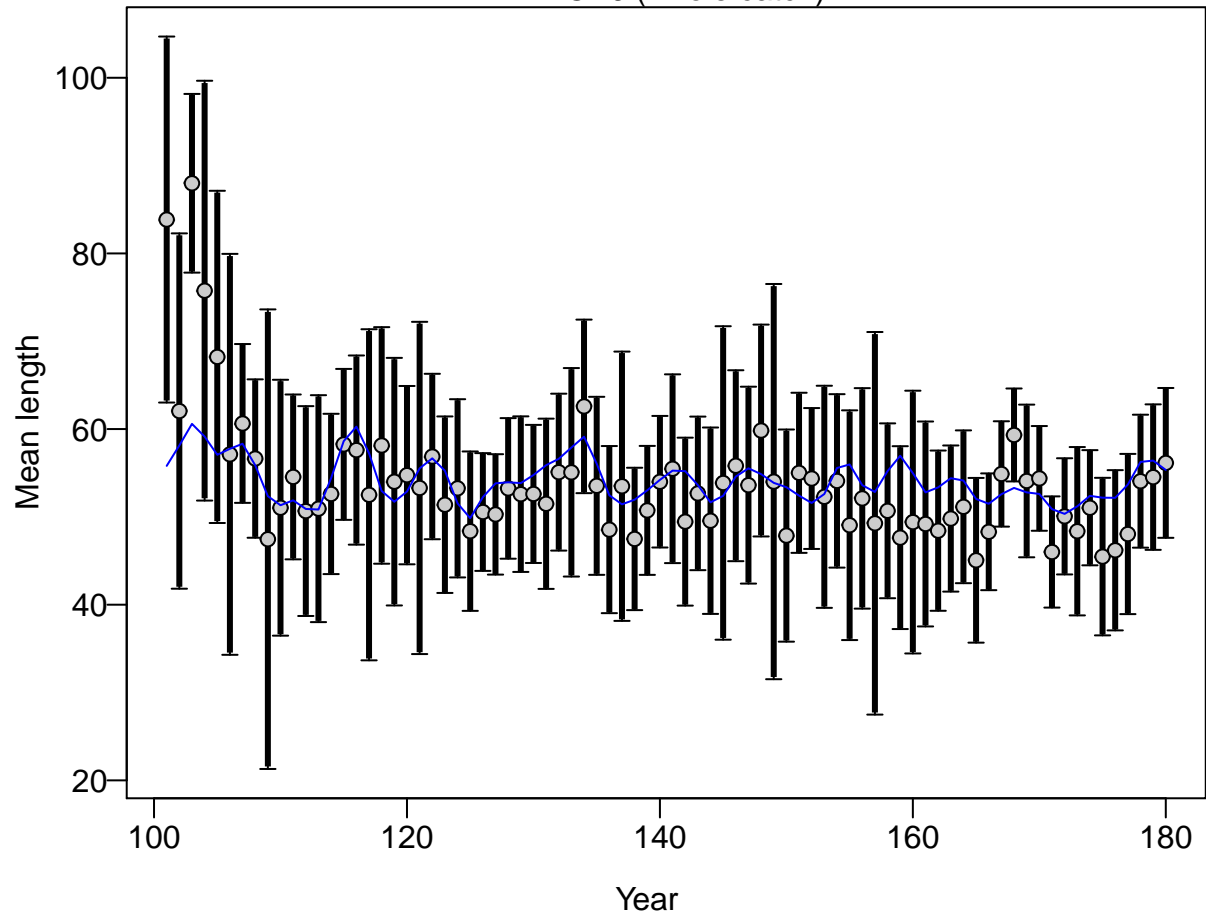
Proportion



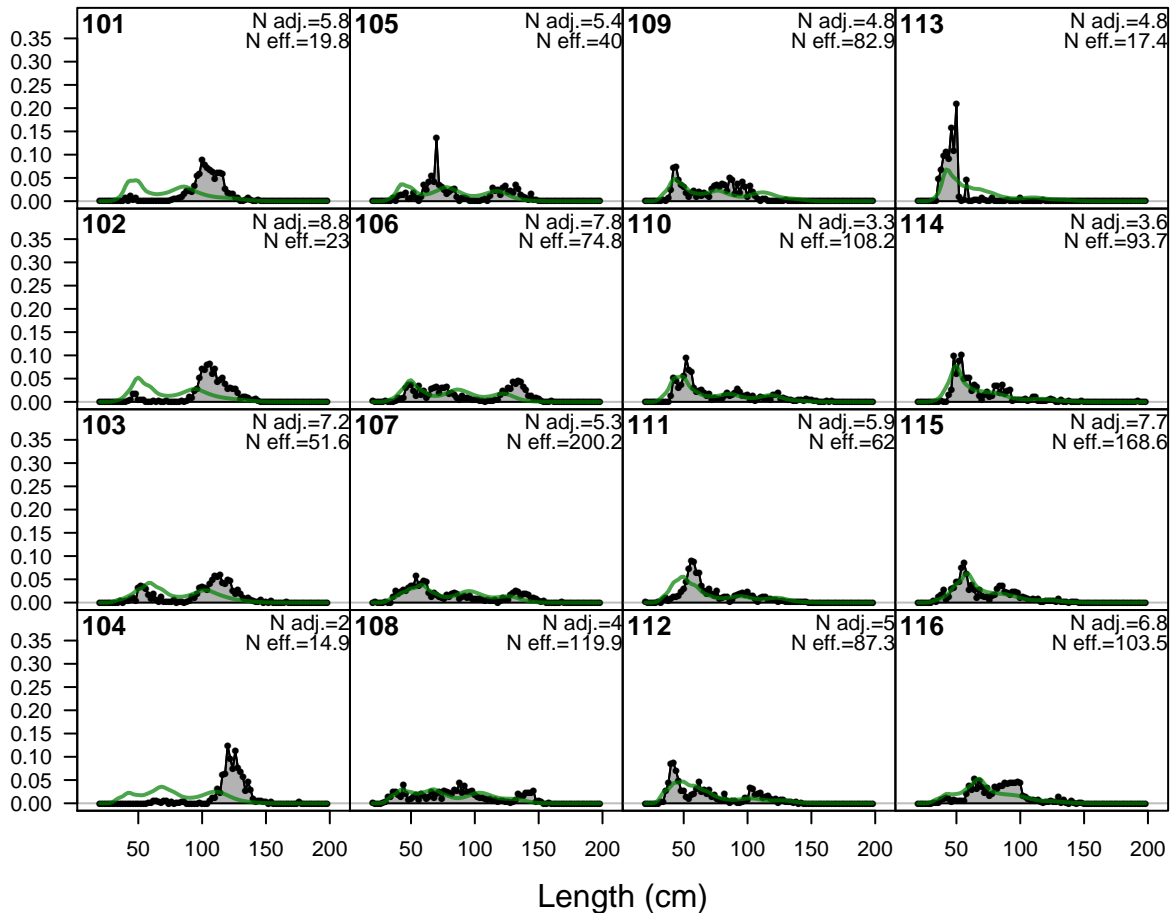




## A2-OBJ (whole catch)

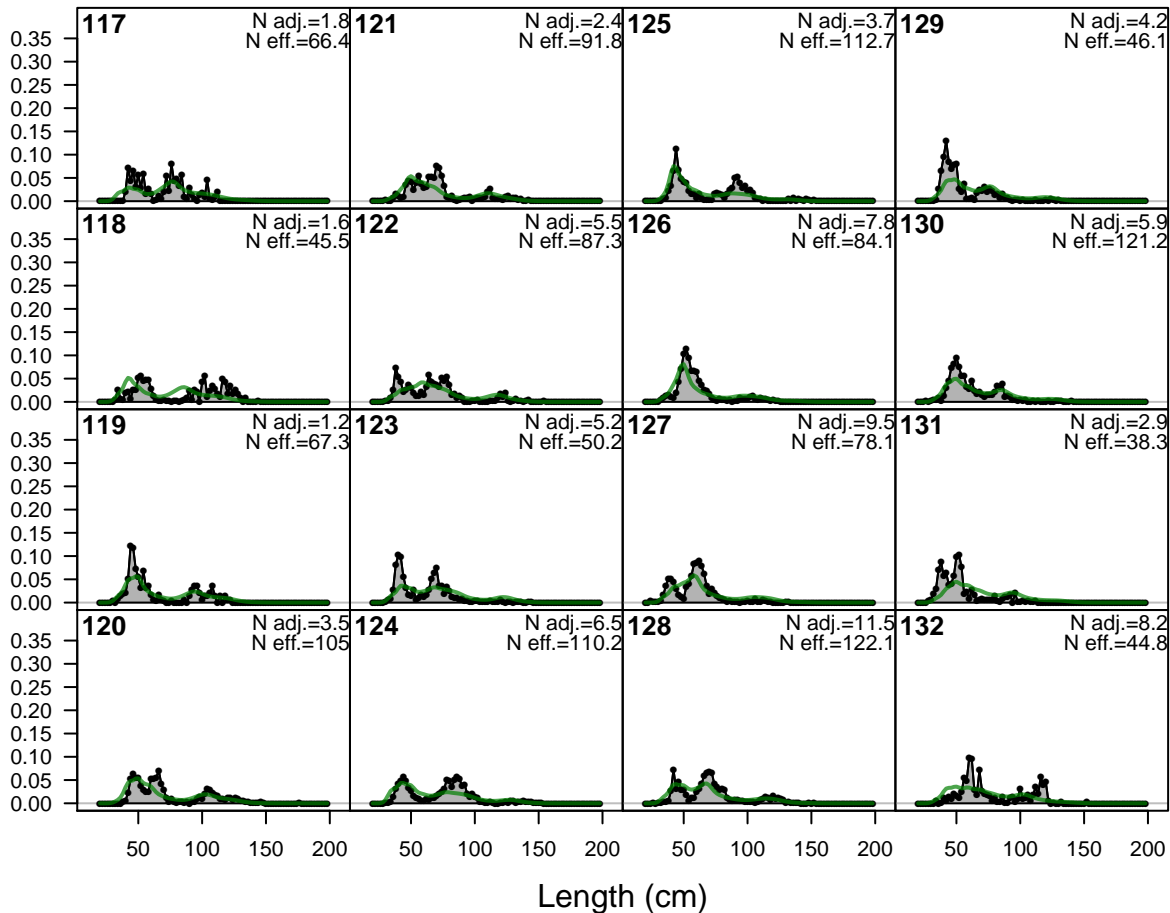


Proportion

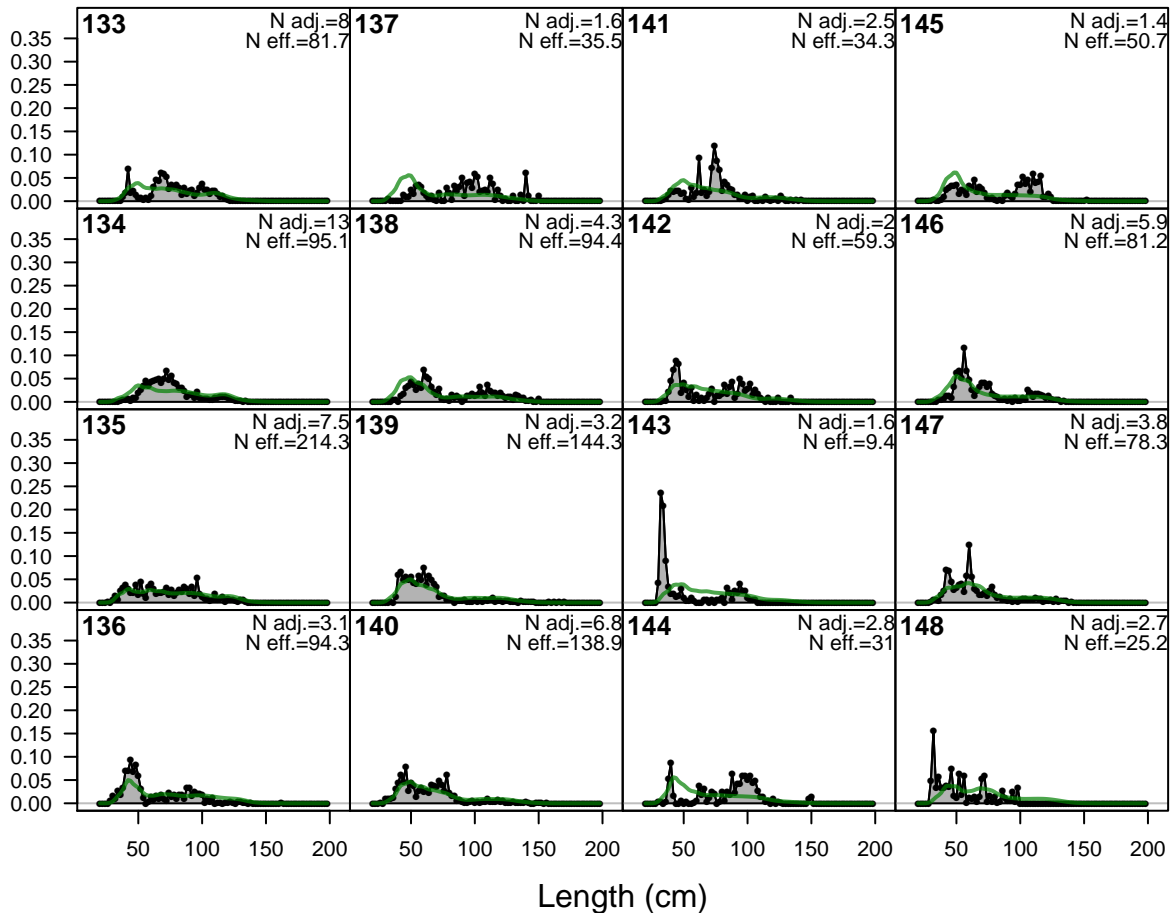




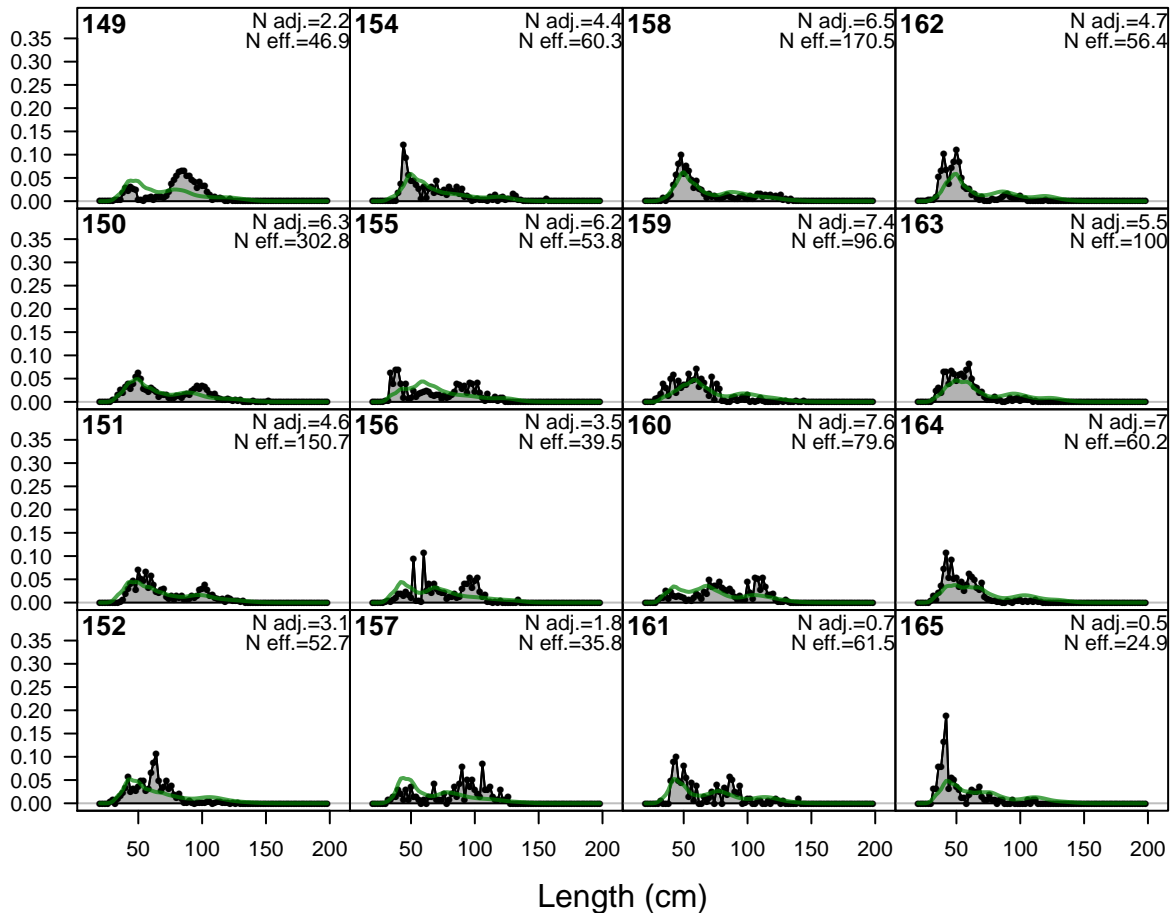
Proportion



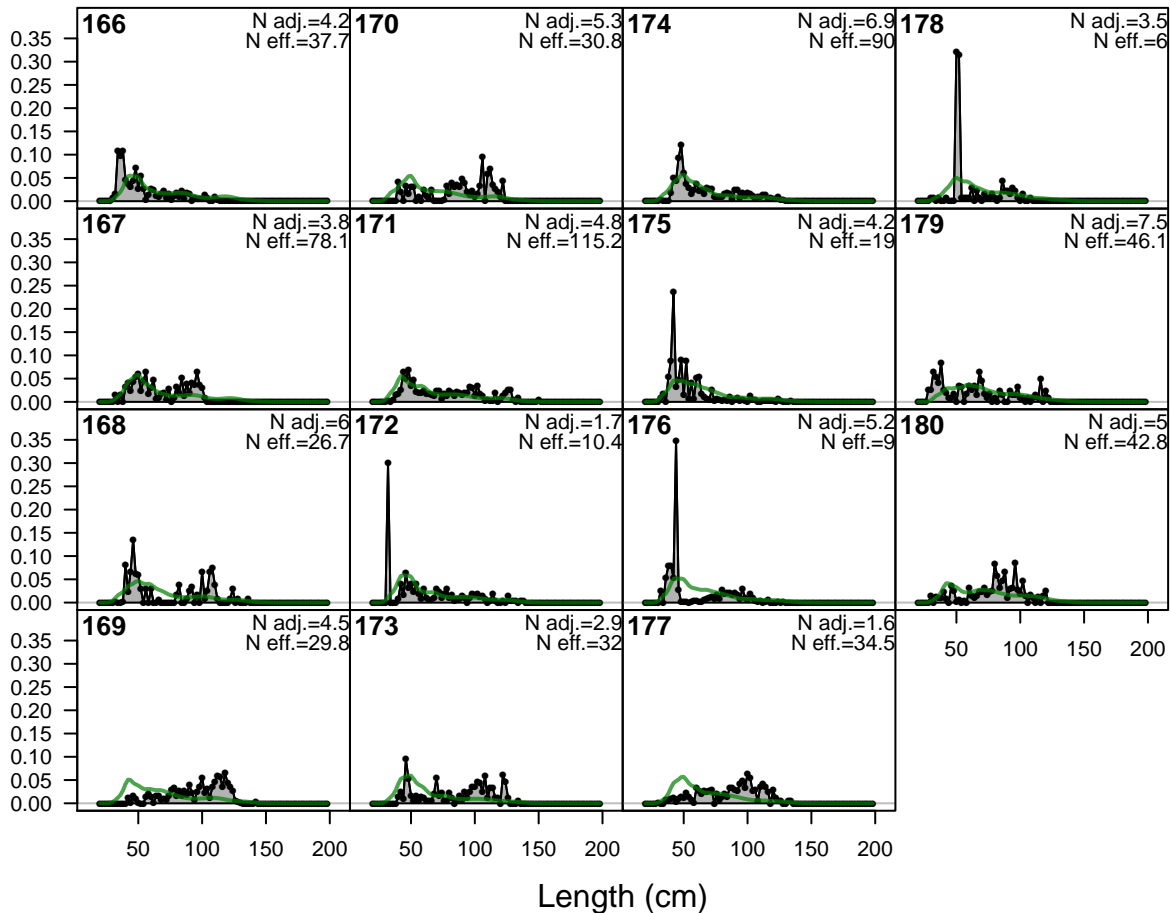
Proportion

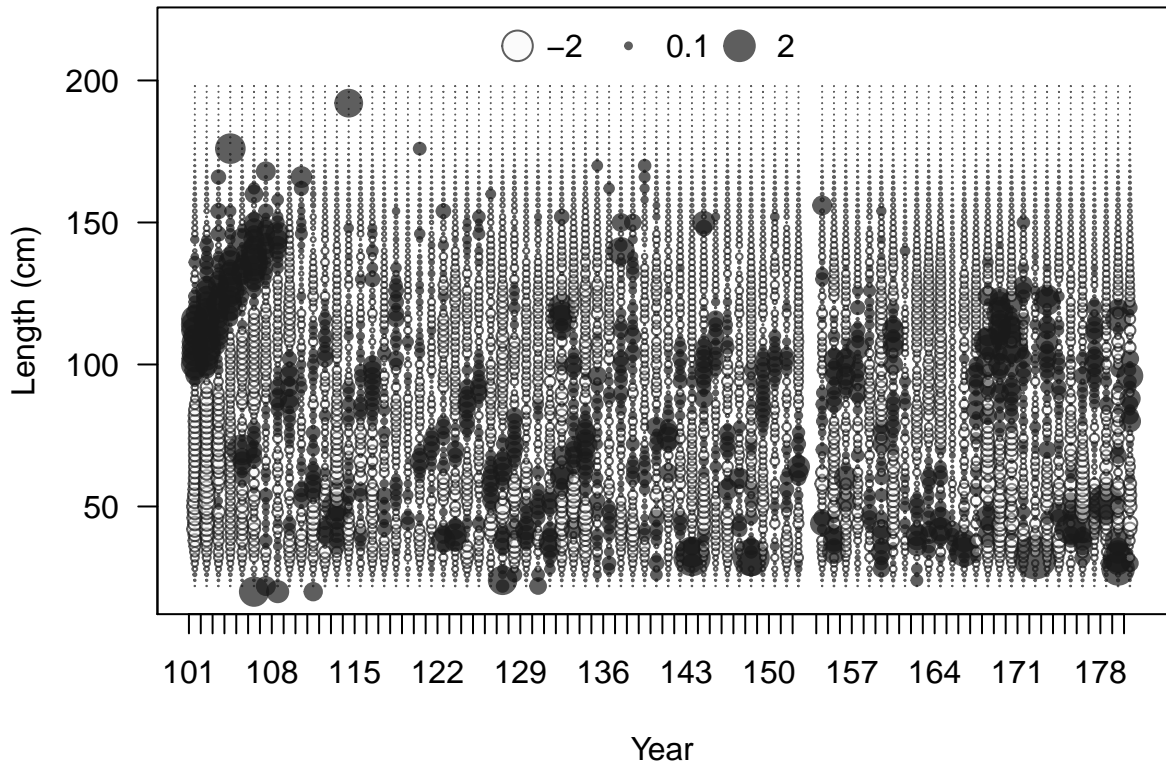


Proportion



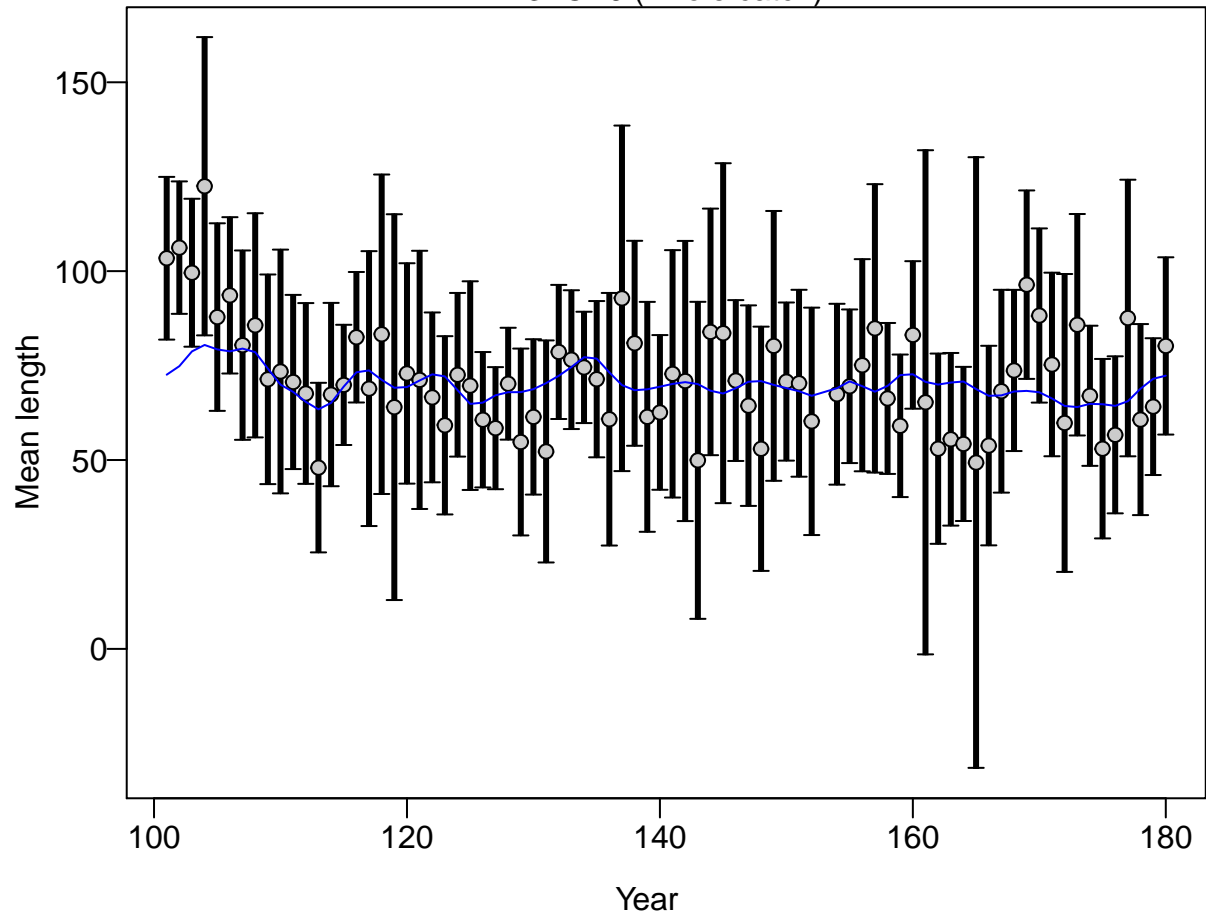
Proportion



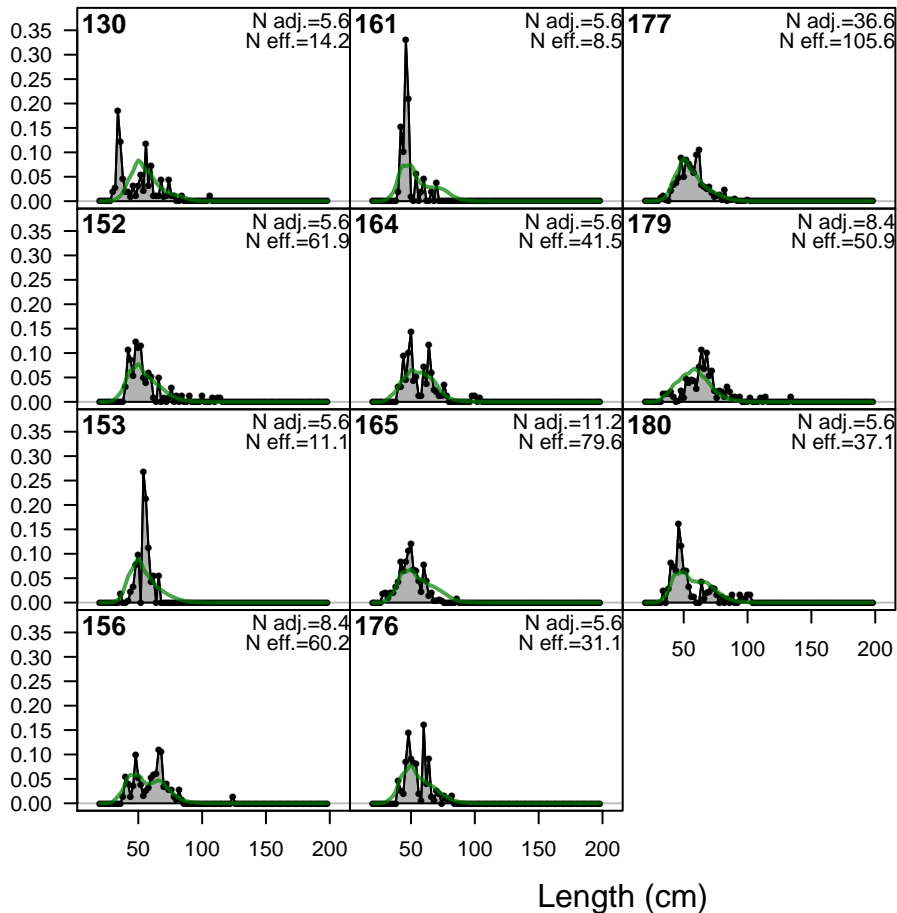




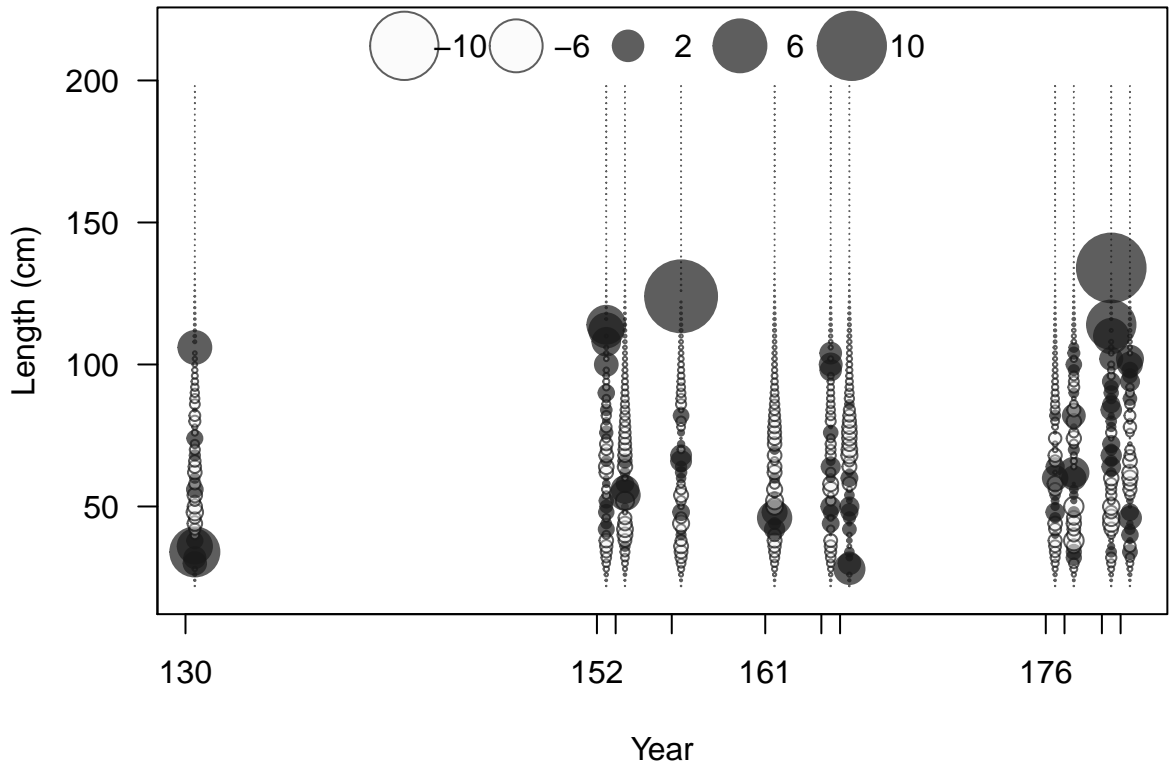
A3-OBJ (whole catch)

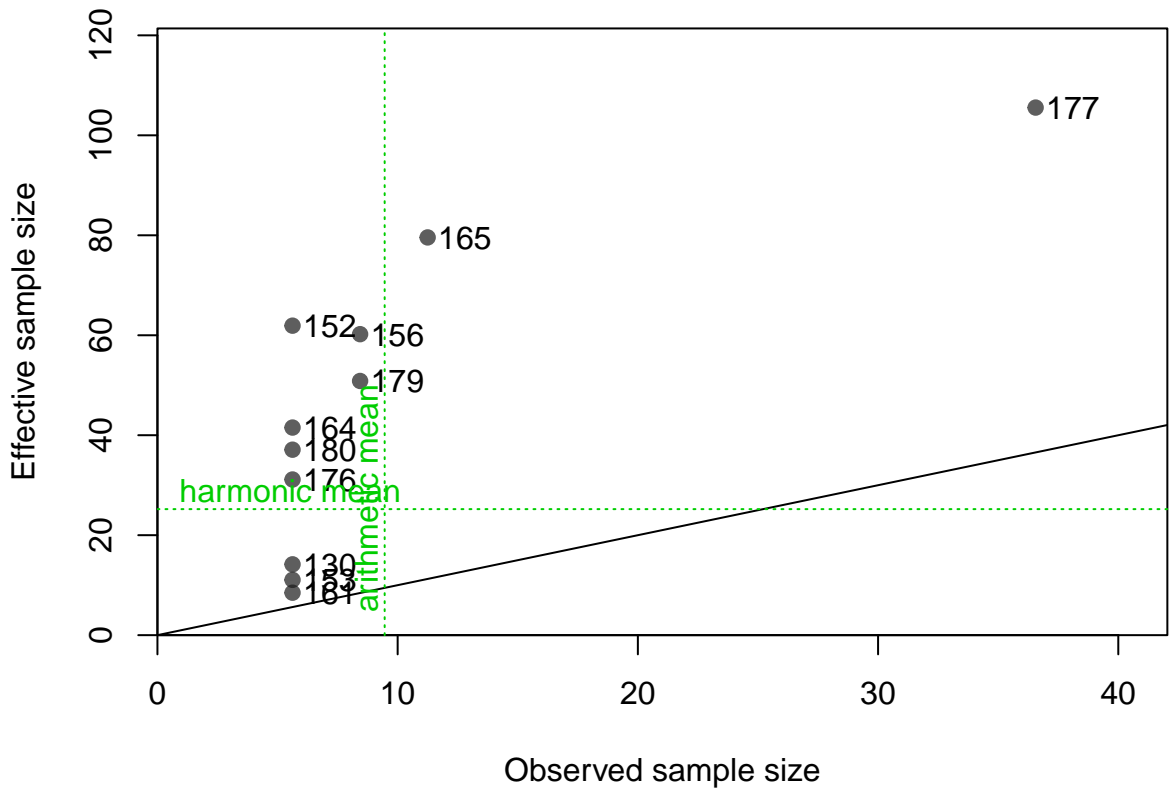


Proportion

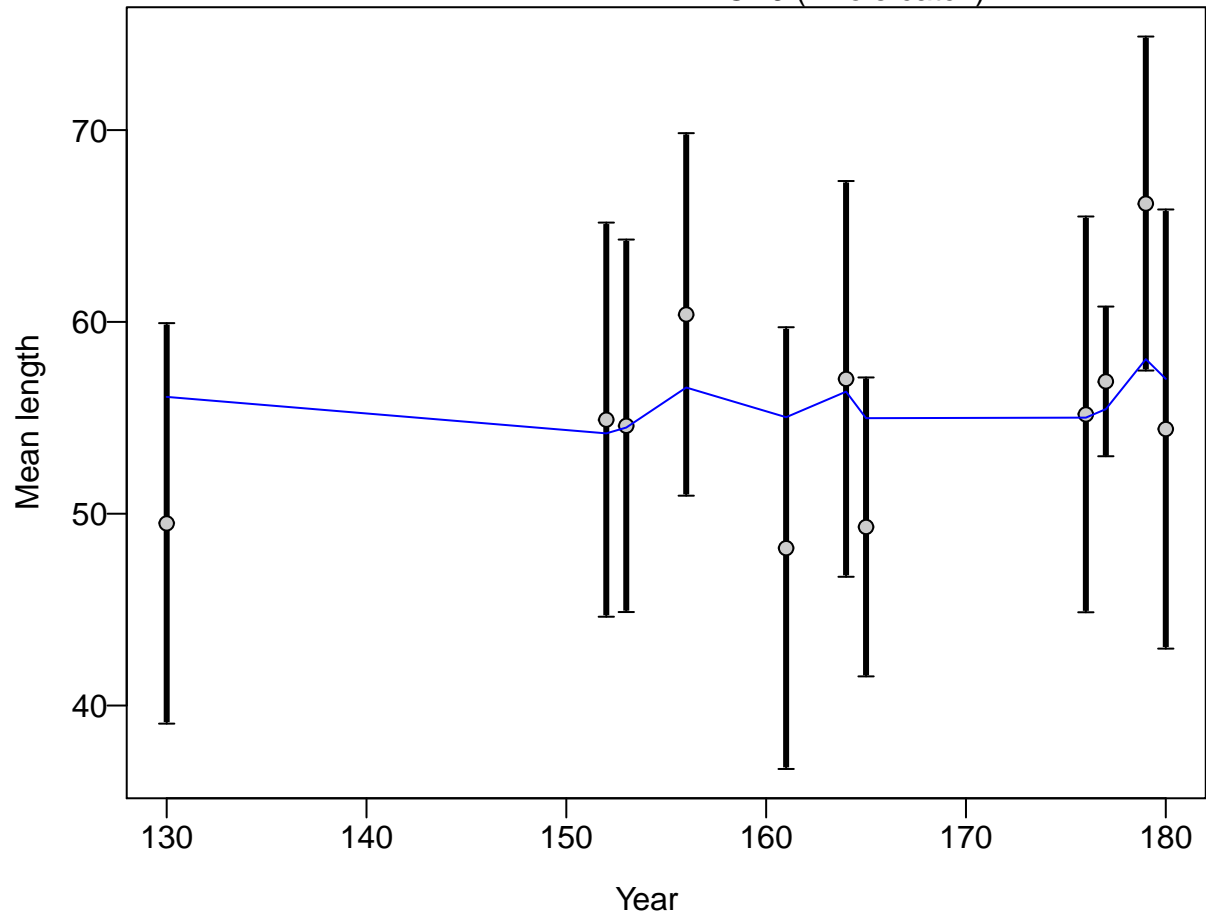




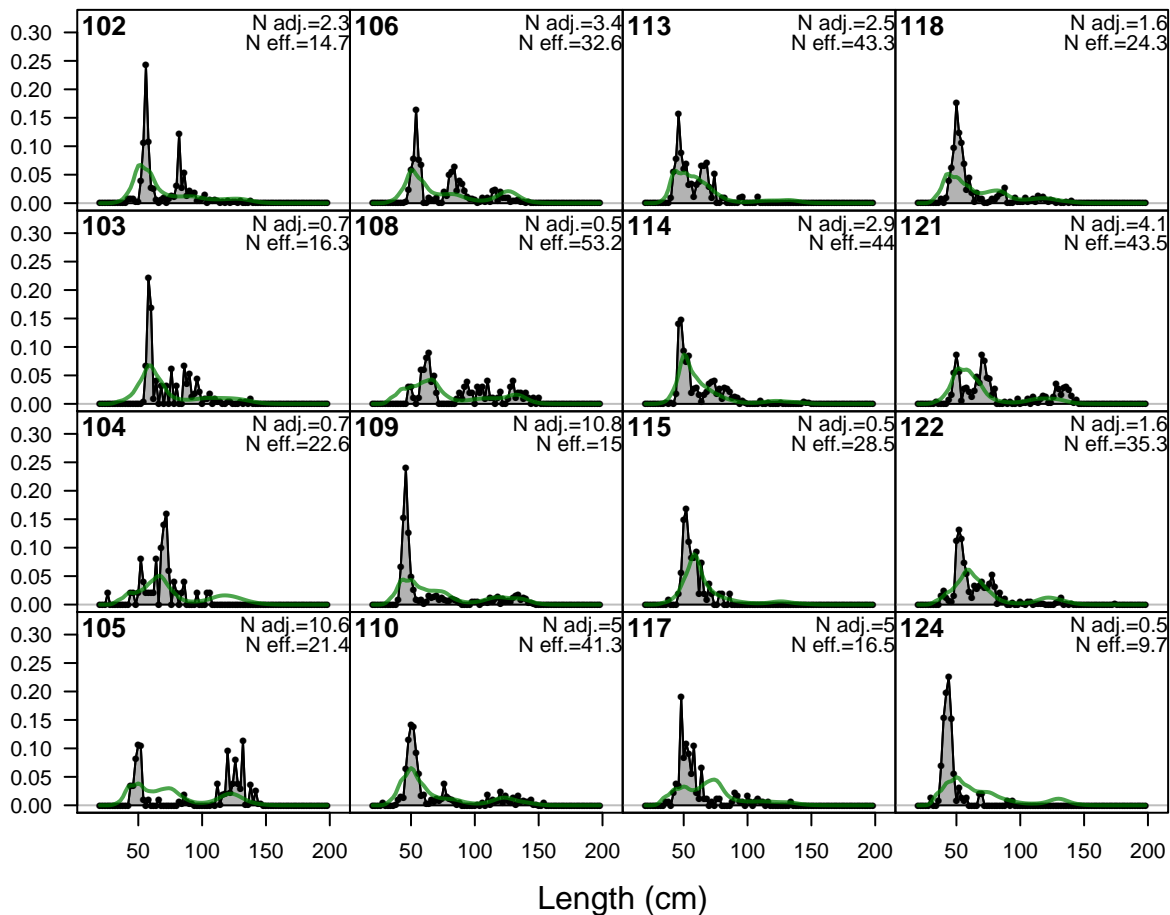




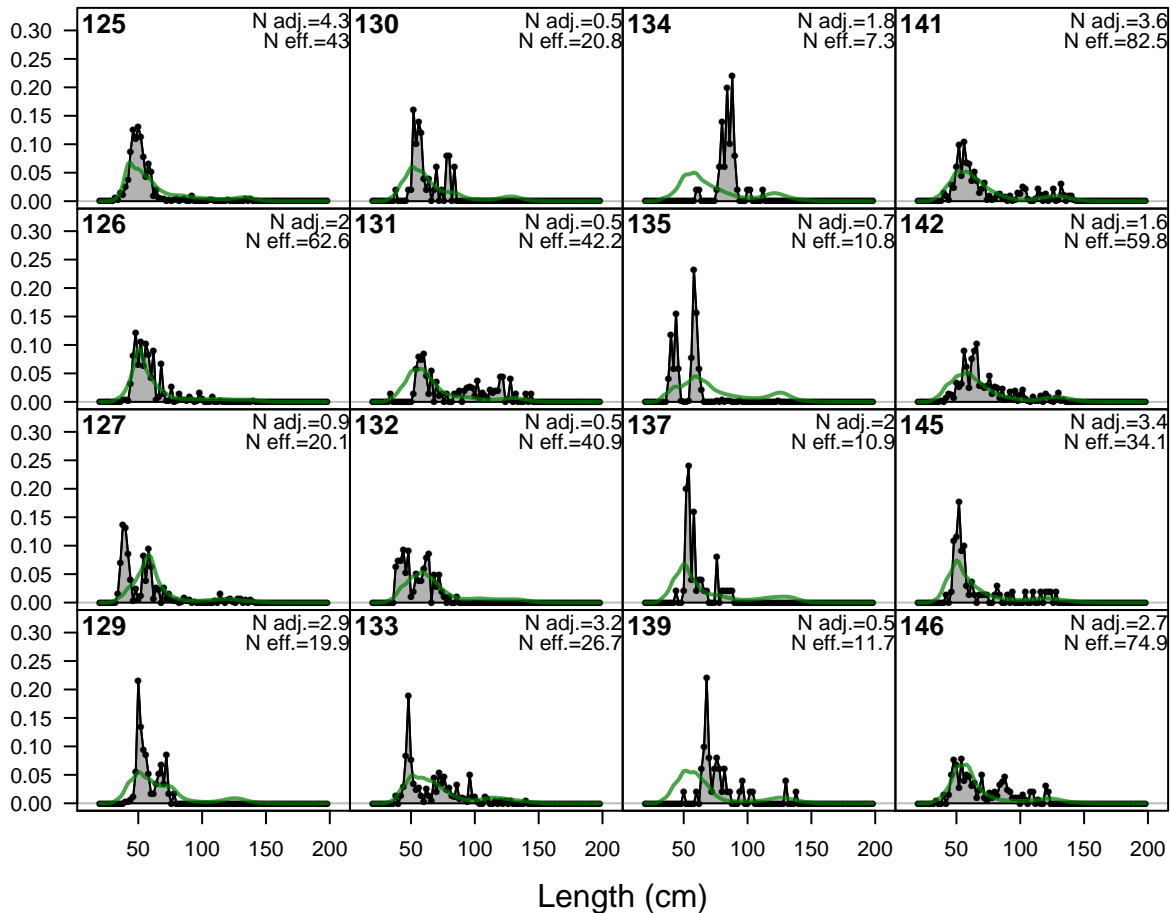
## A4-OBJ (whole catch)



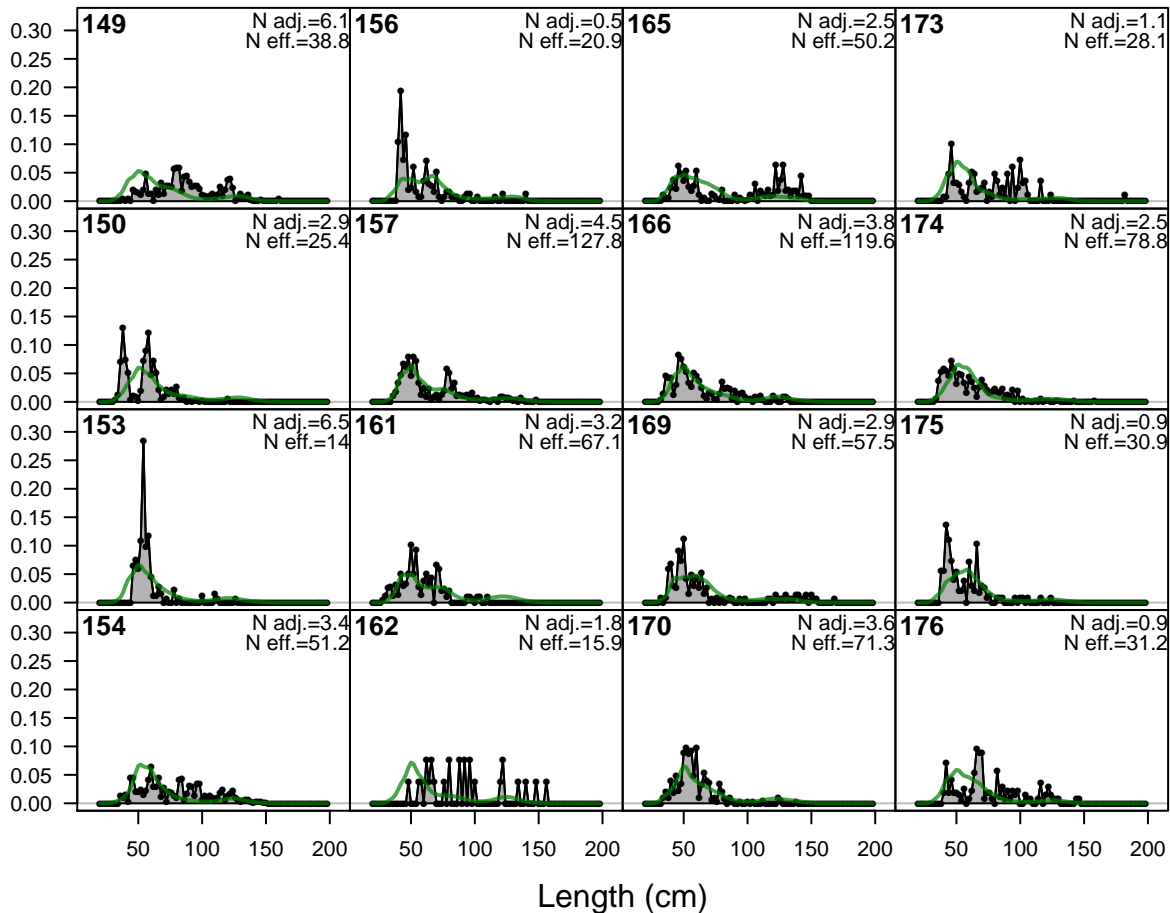
Proportion



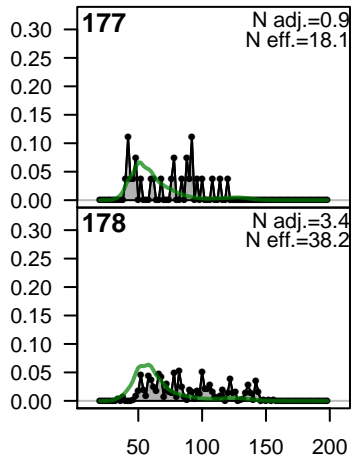
Proportion



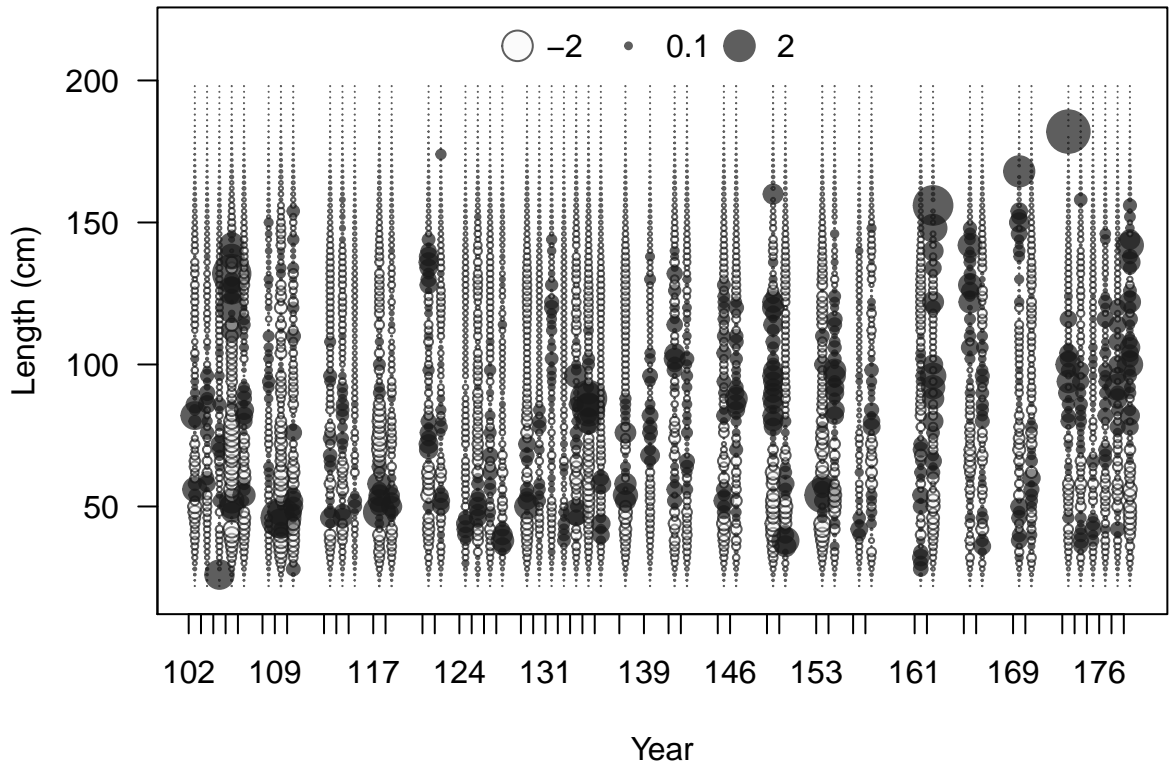
Proportion



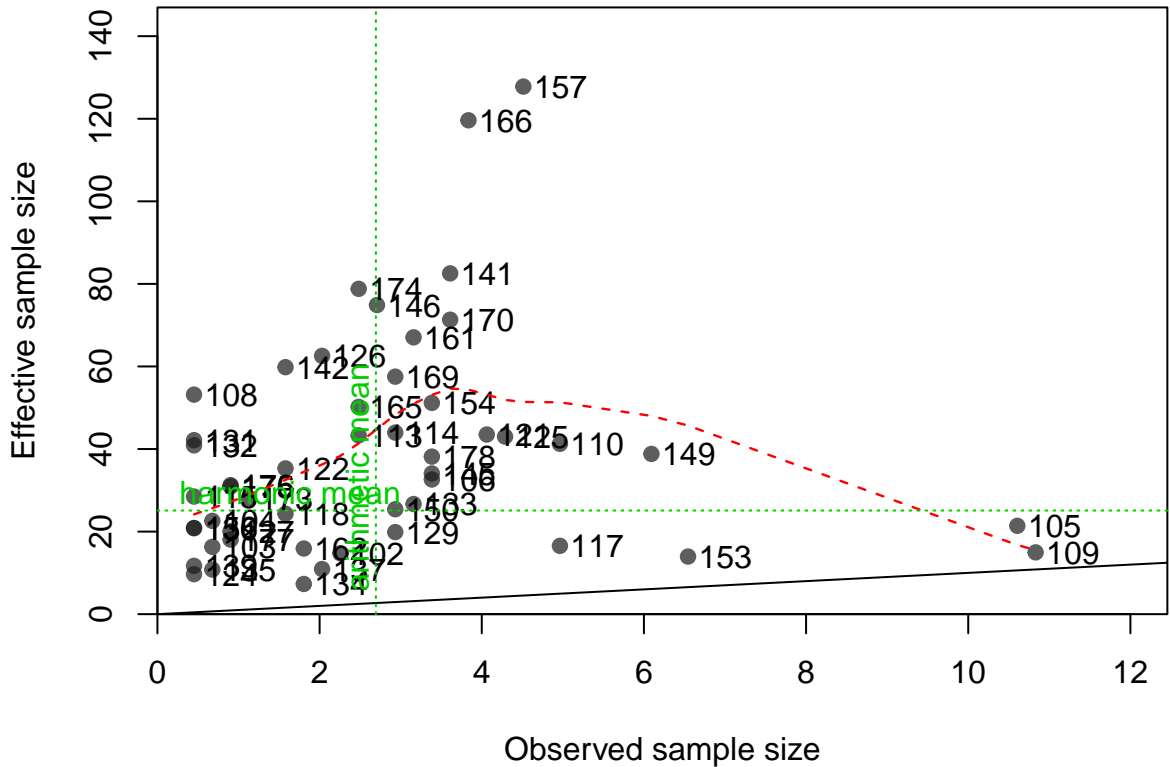
Proportion



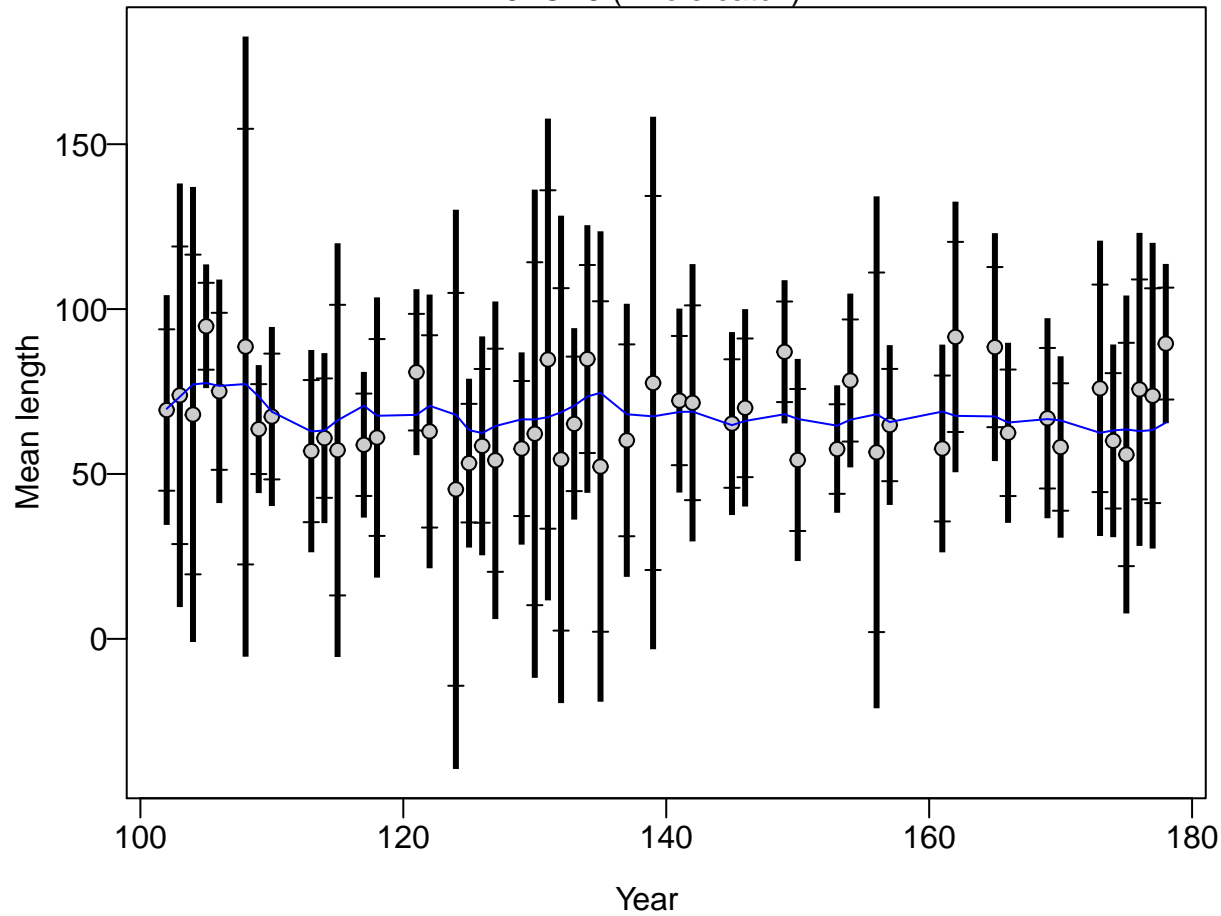
Length (cm)



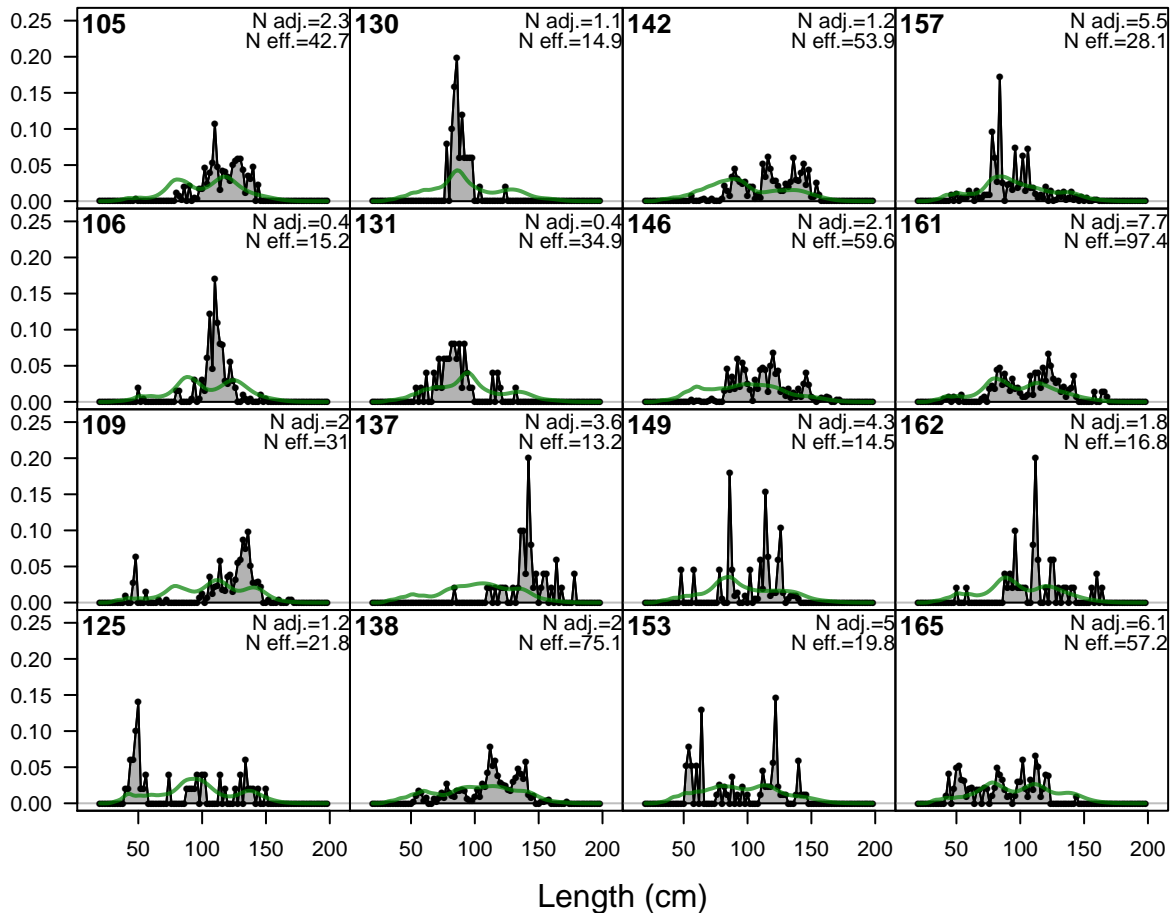




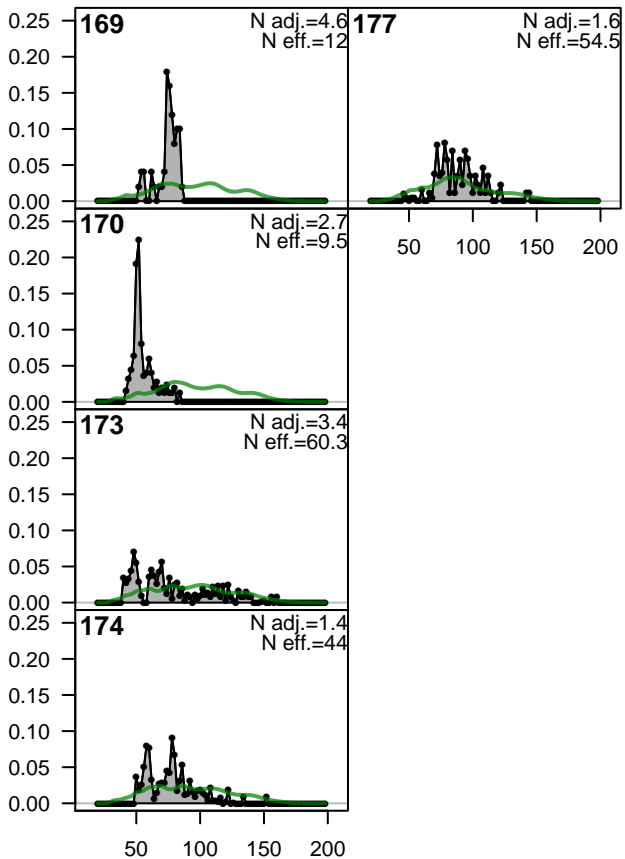
A5-OBJ (whole catch)



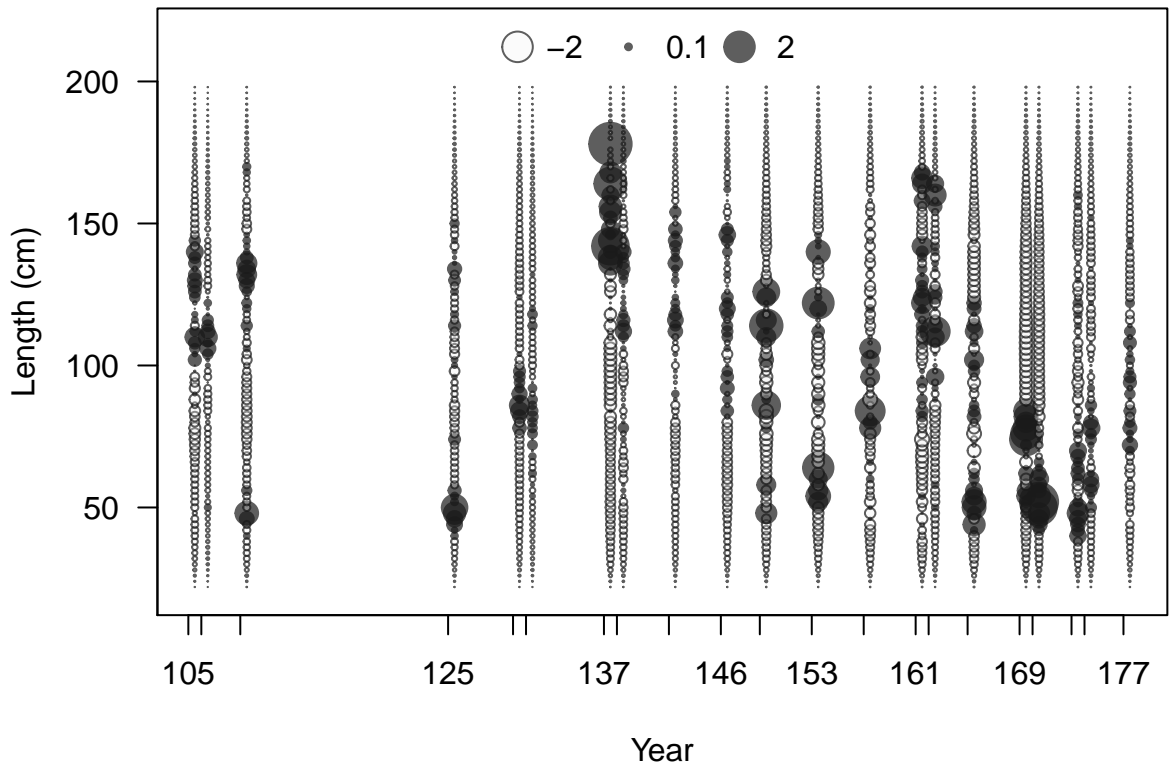
Proportion

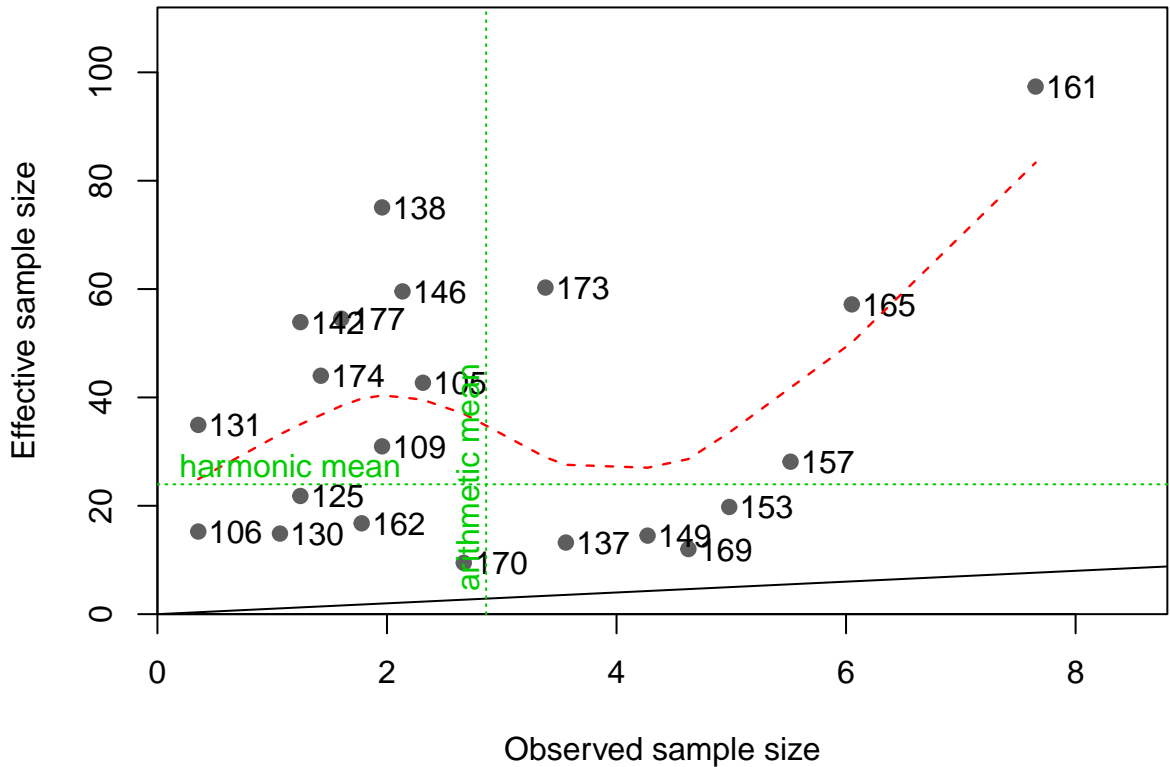


Proportion

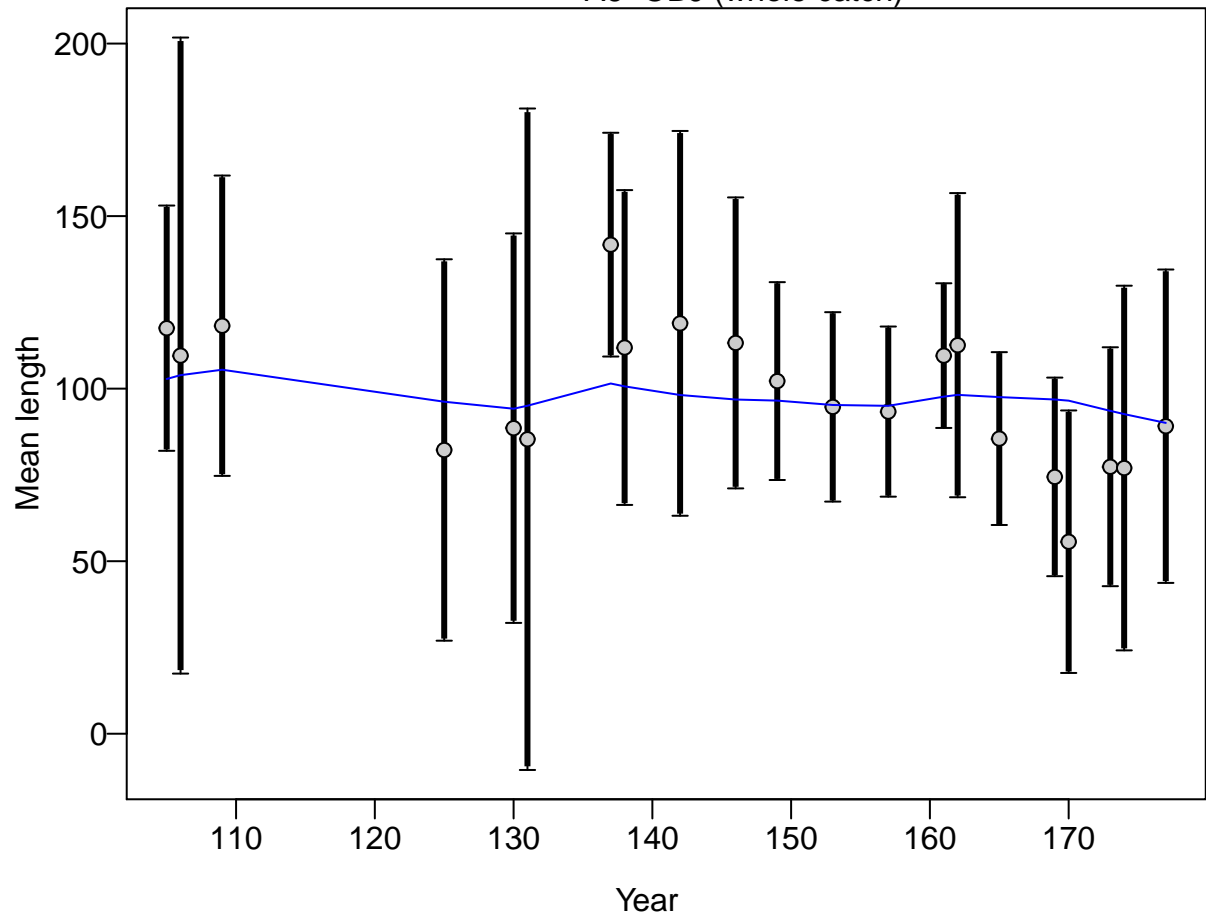


Length (cm)

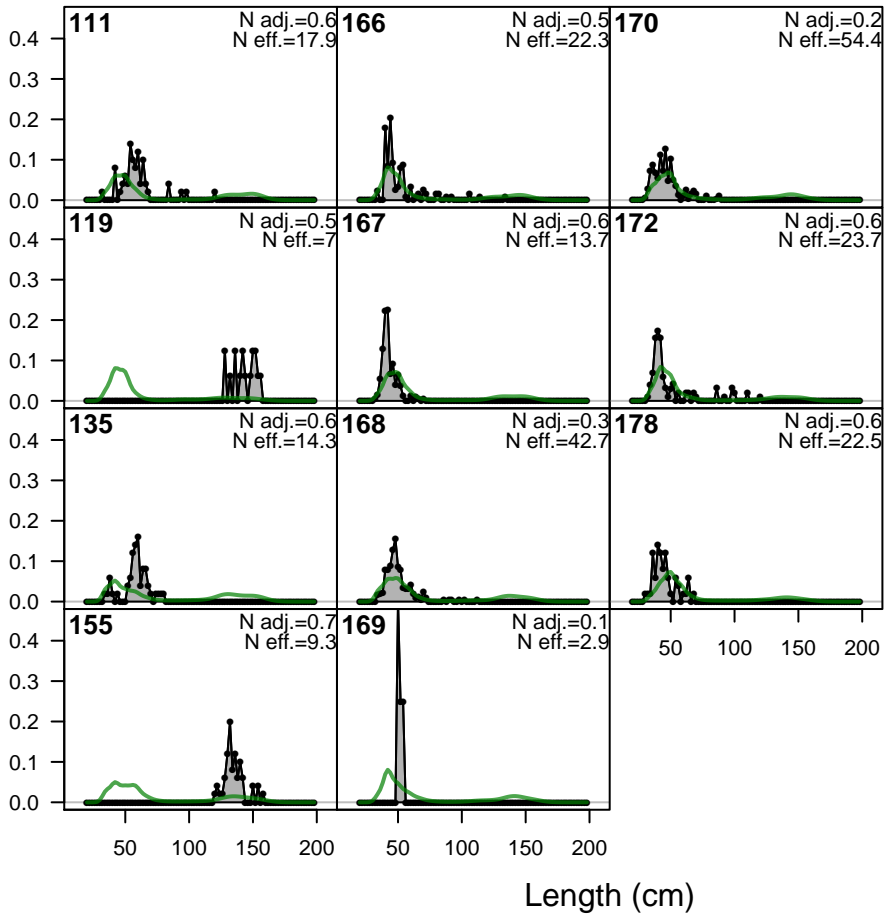




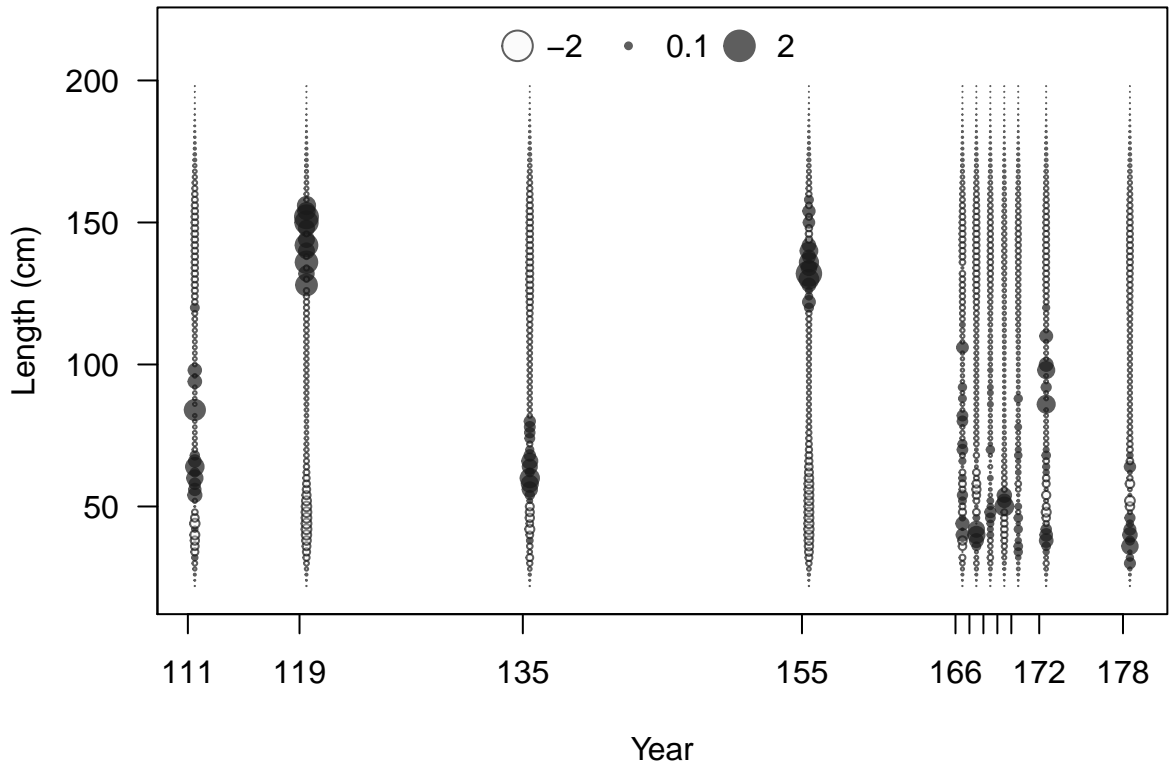
## A6-OBJ (whole catch)

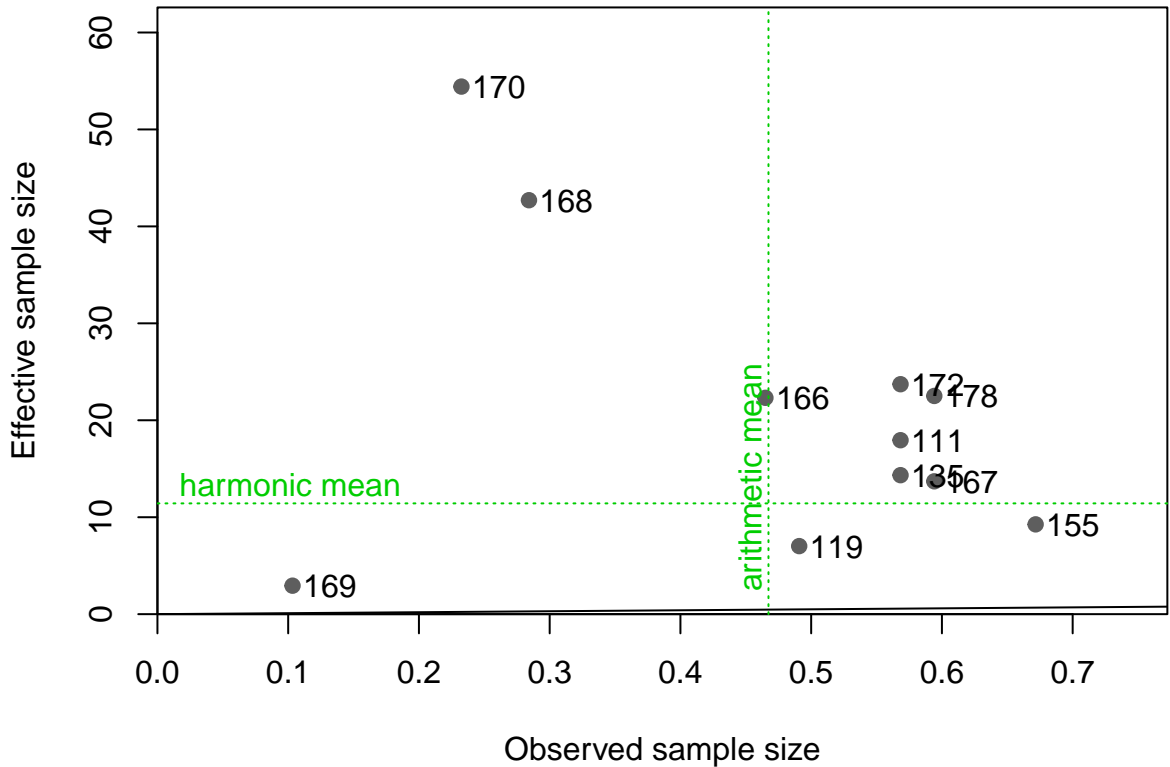


Proportion

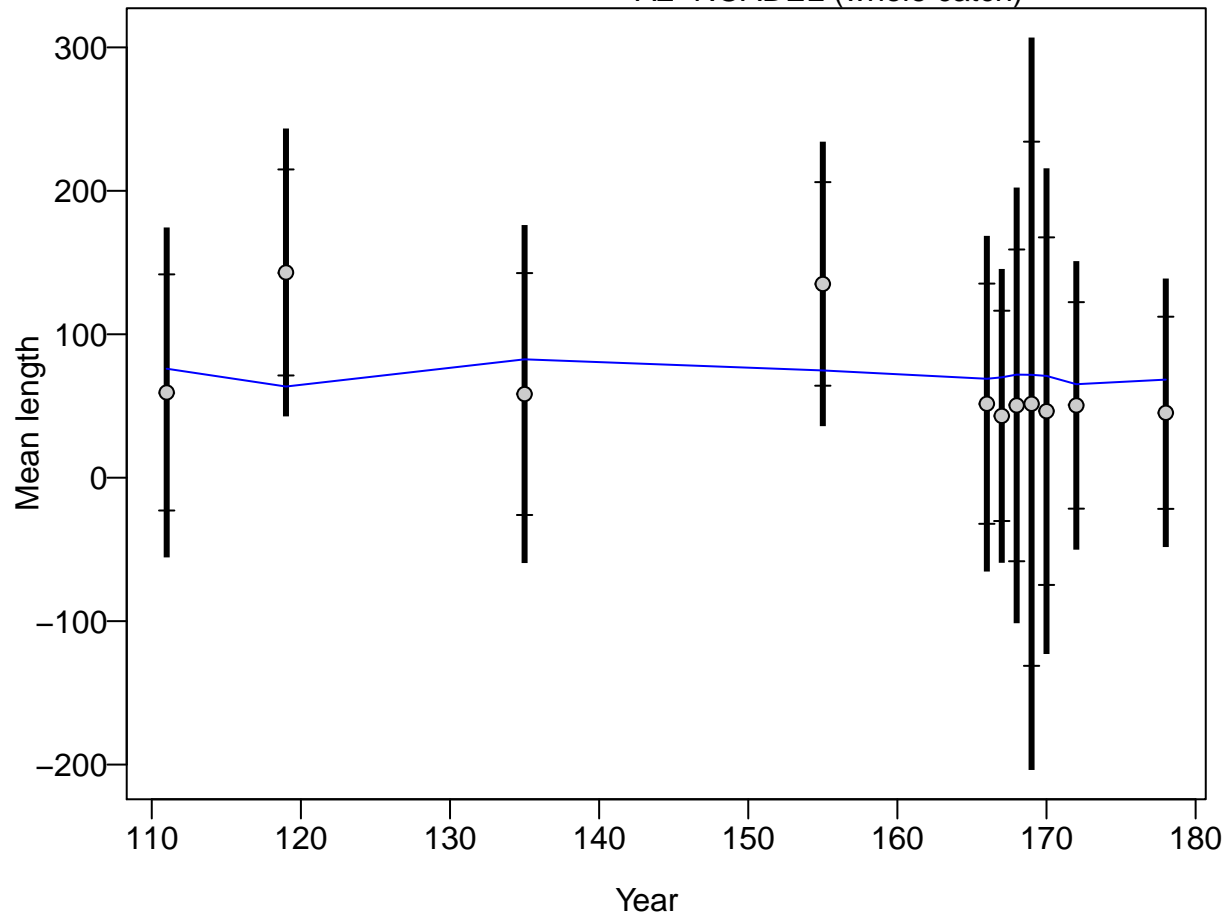




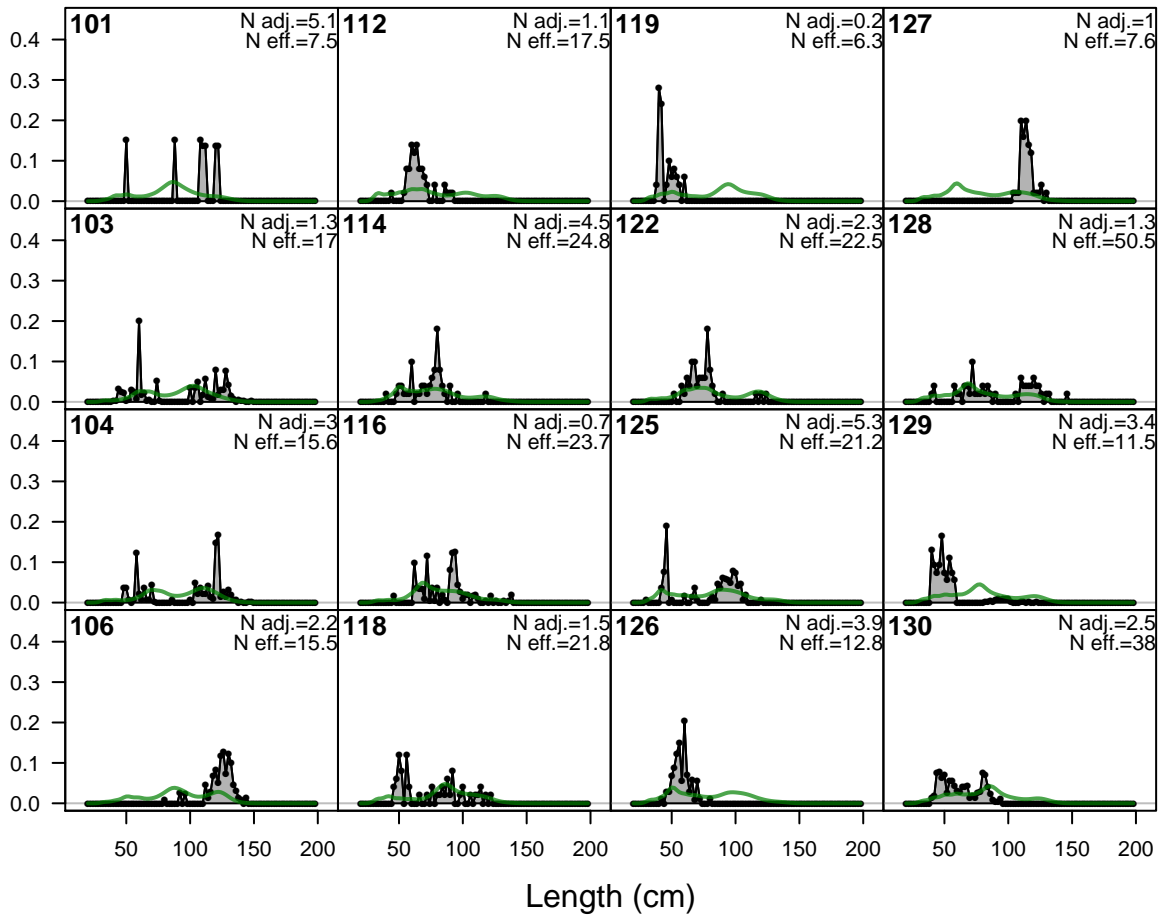




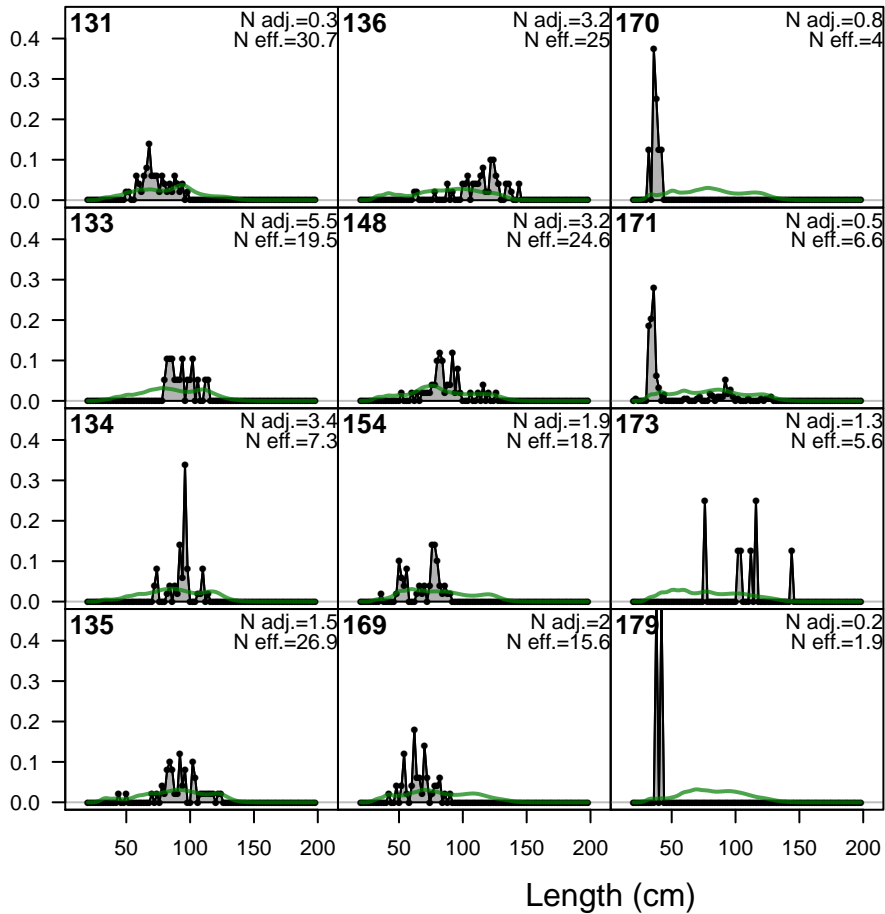
A2-NOADEL (whole catch)

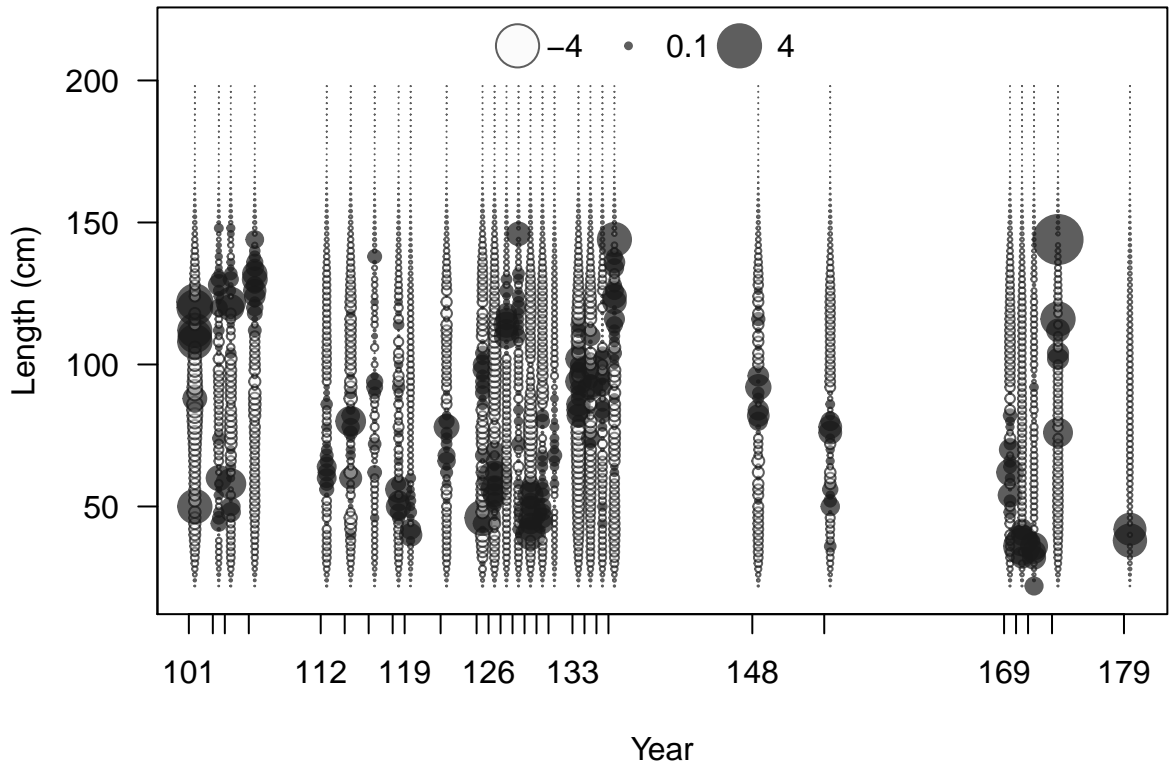


Proportion

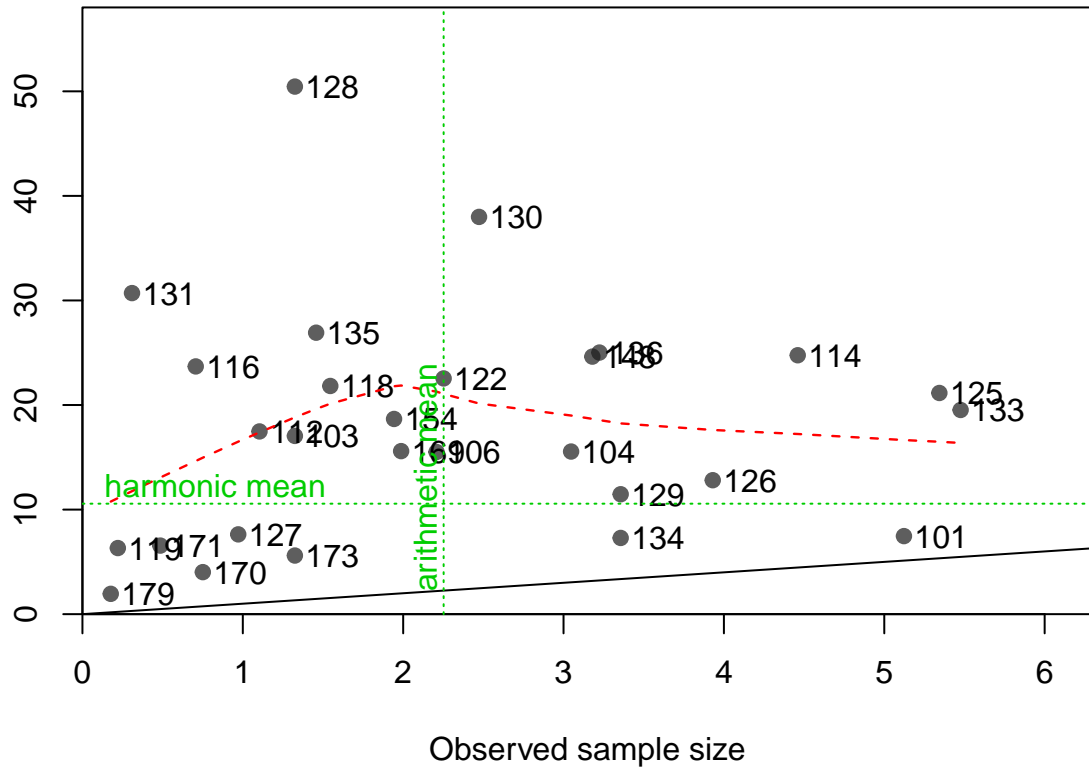


Proportion

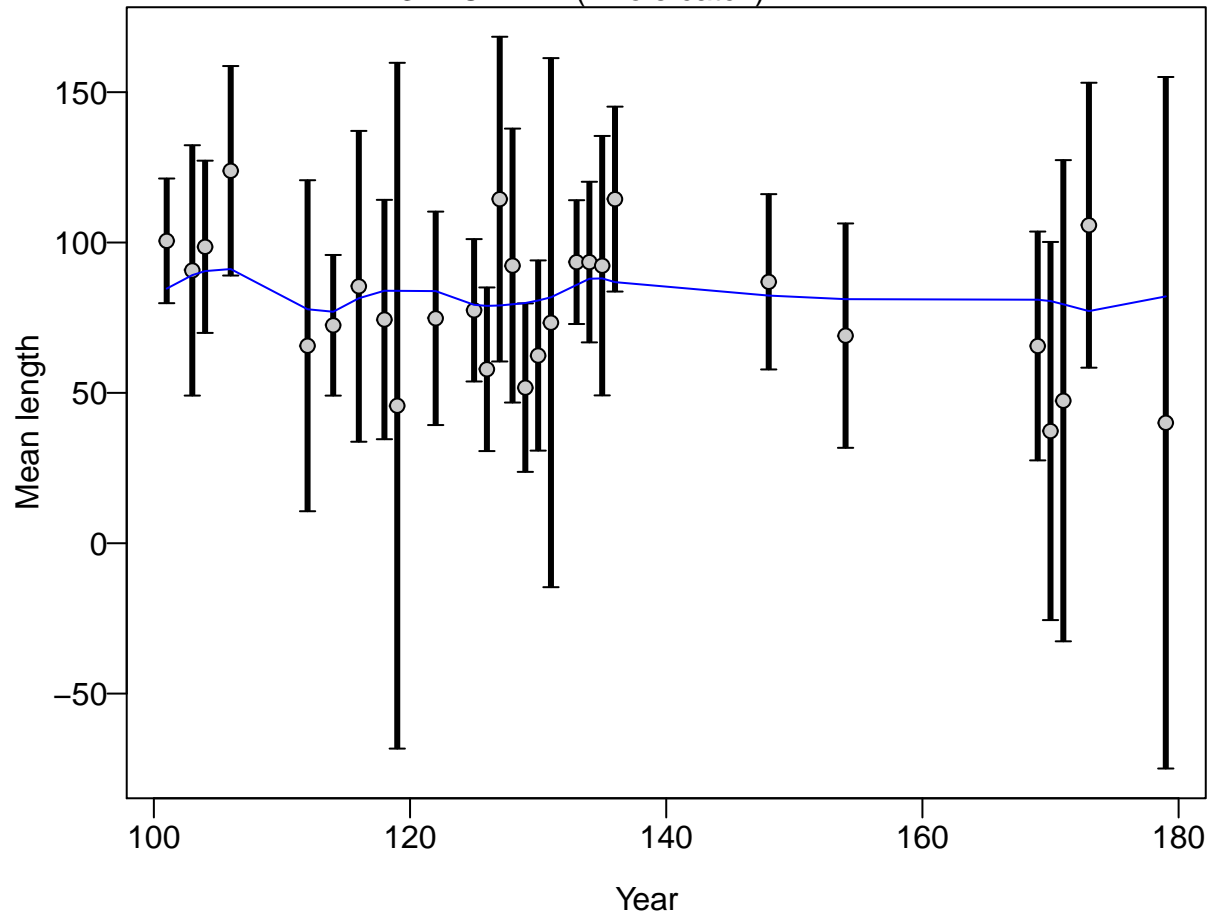




Effective sample size

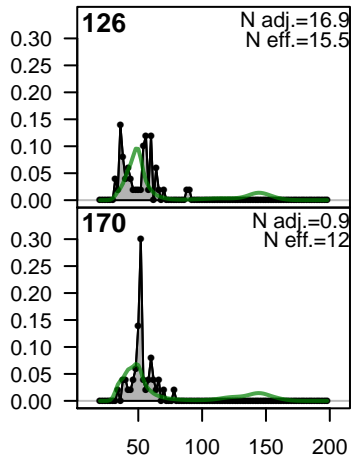


A3-NOADEL (whole catch)

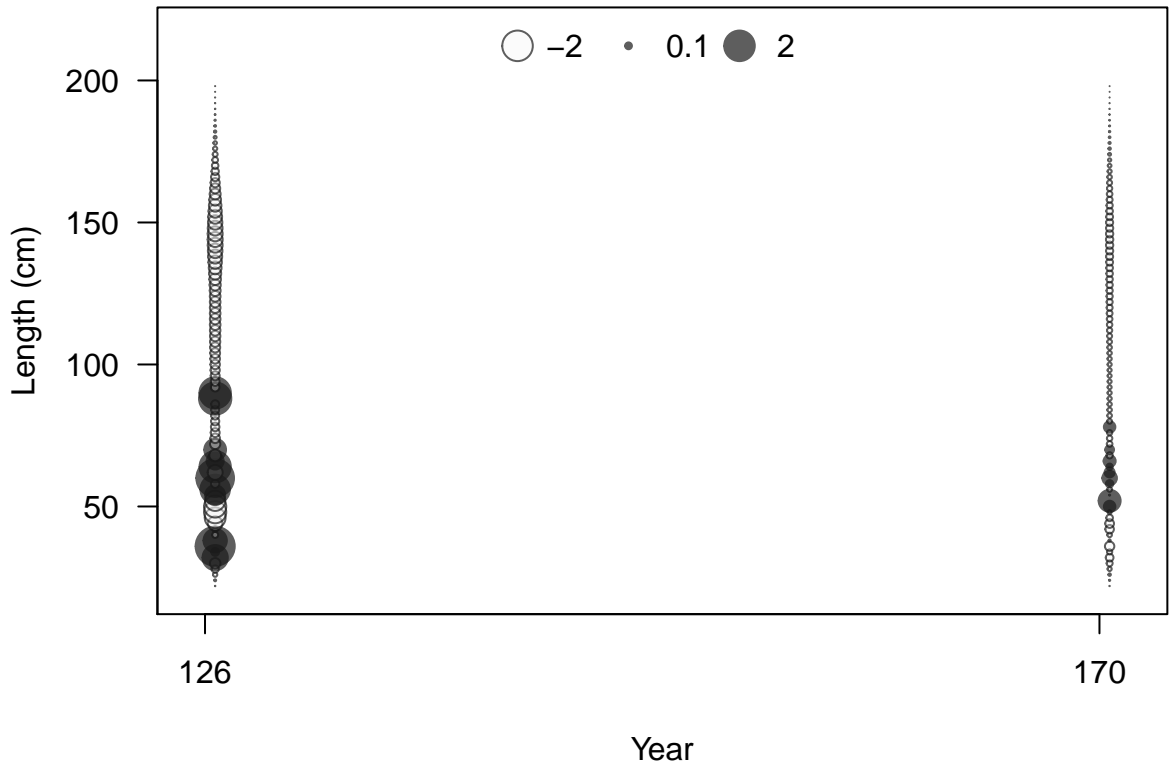


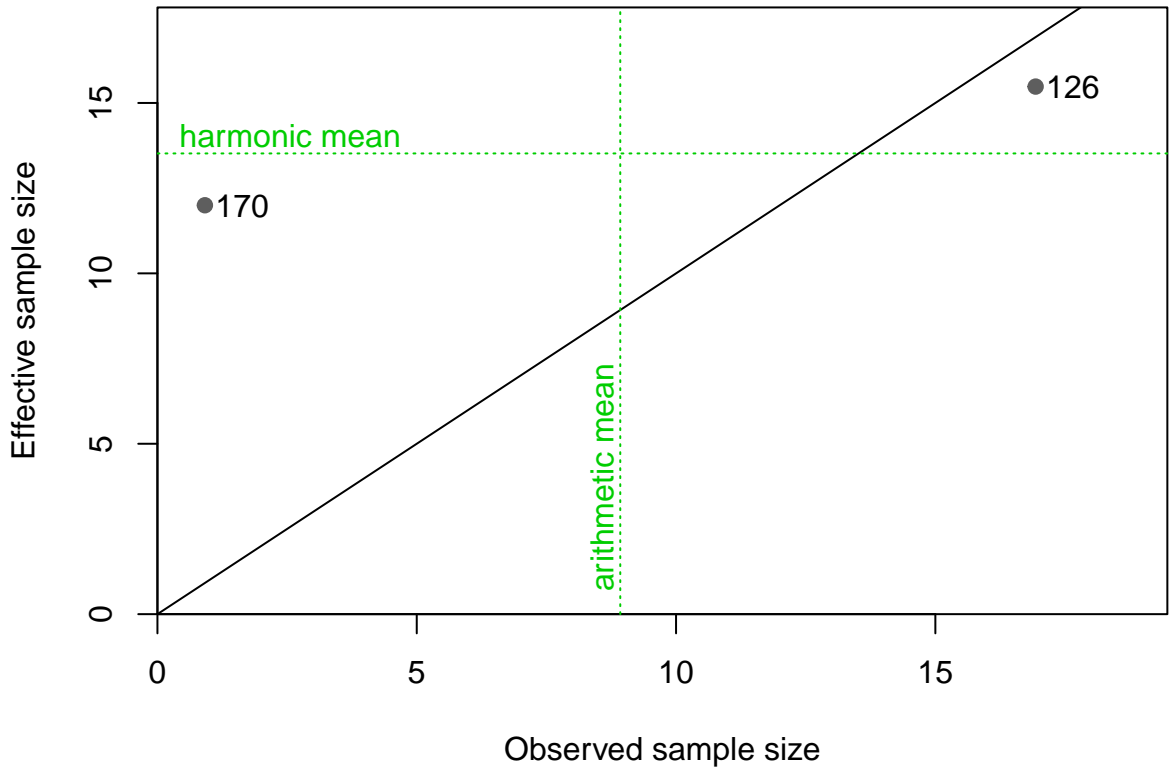


Proportion

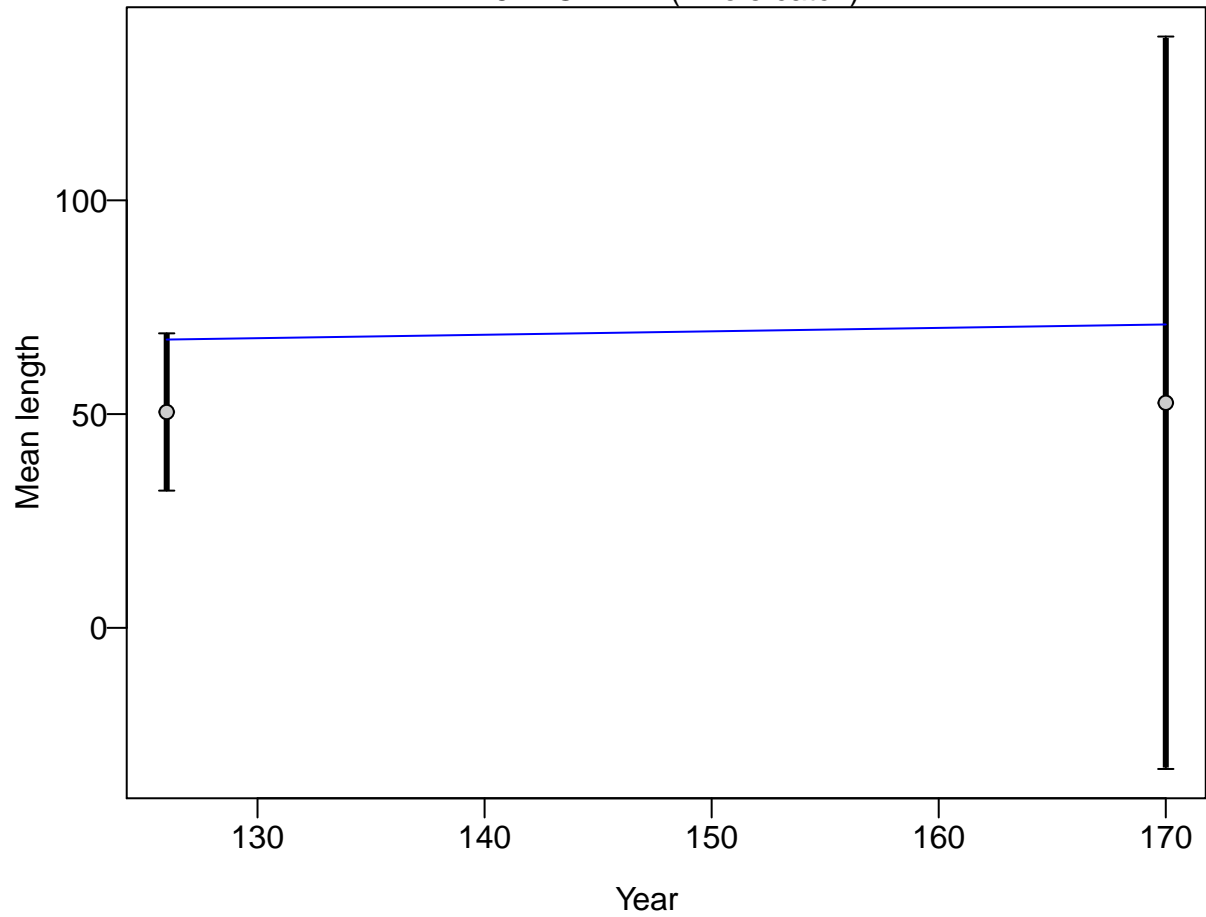


Length (cm)

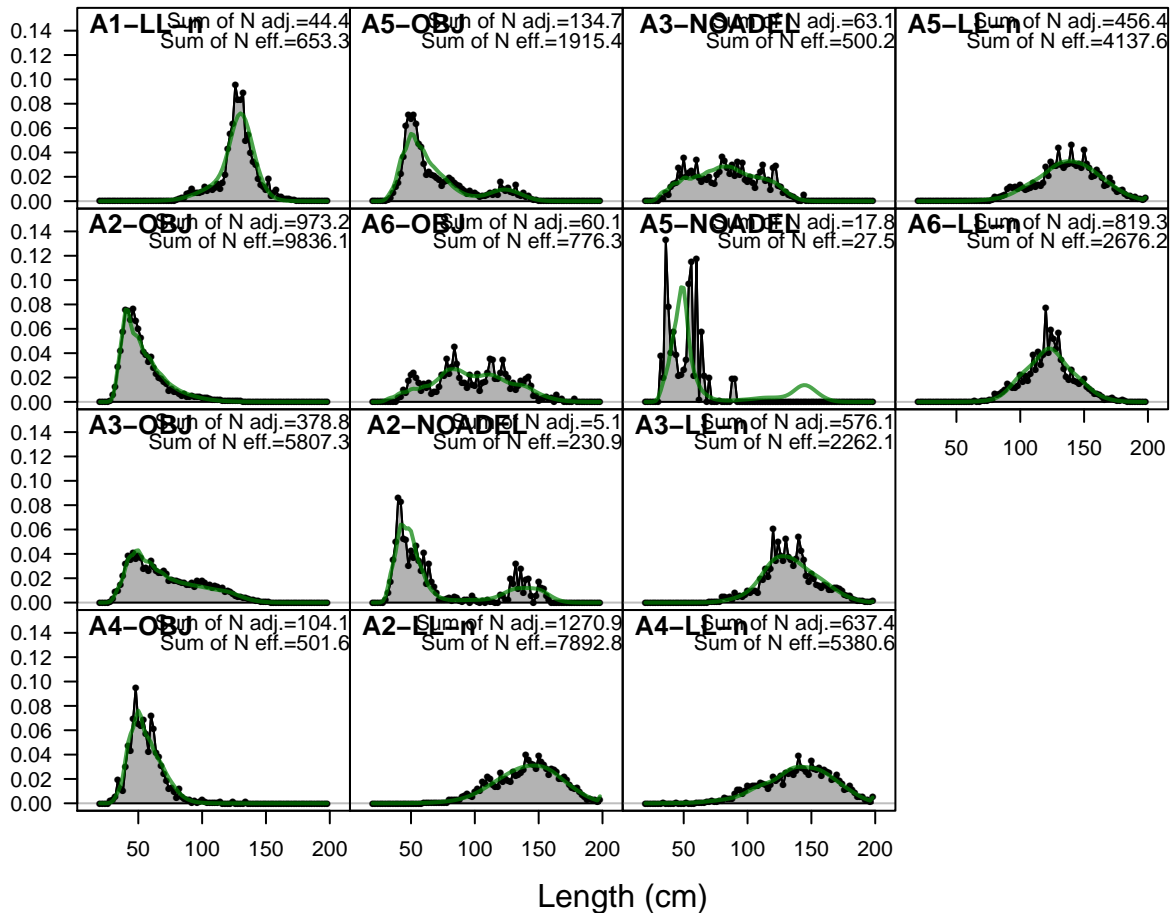




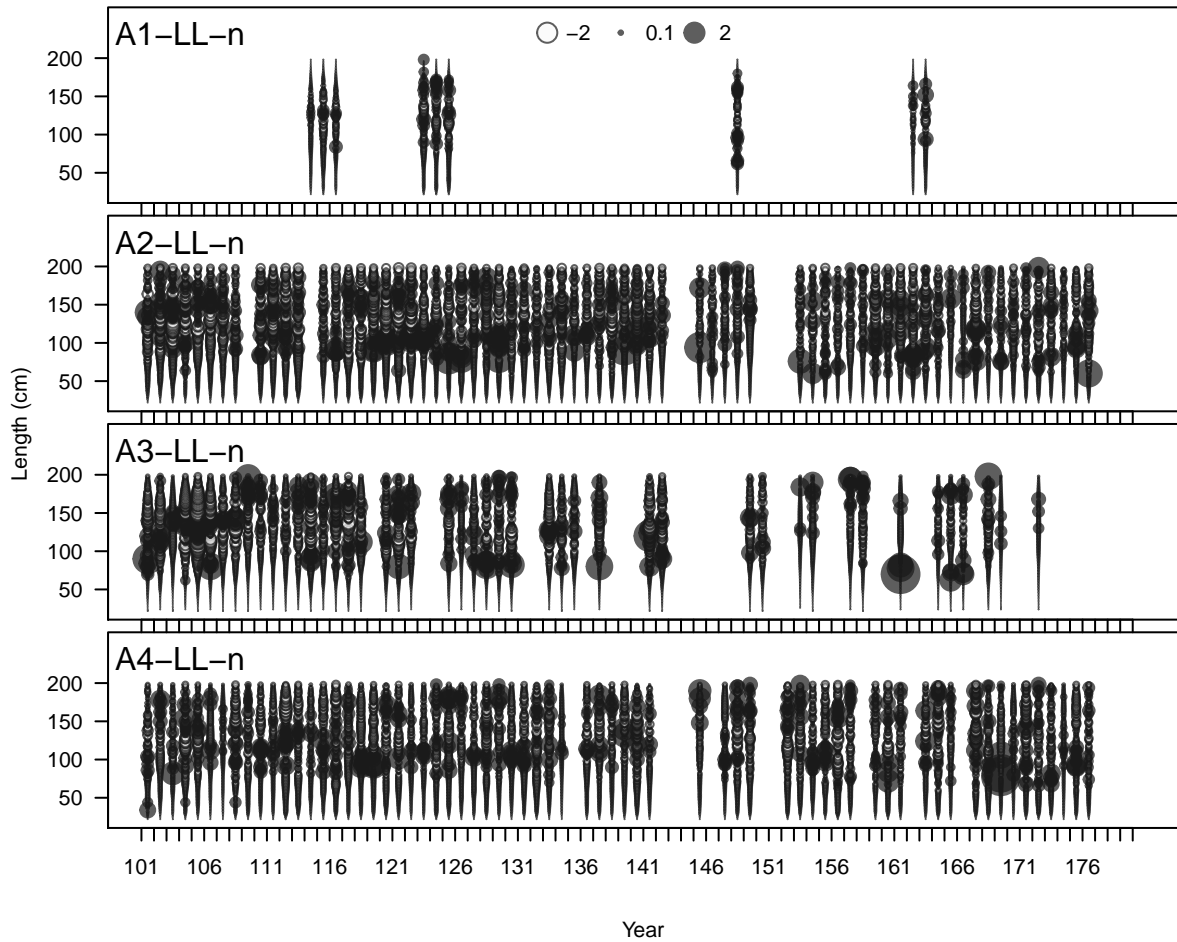
A5-NOADEL (whole catch)

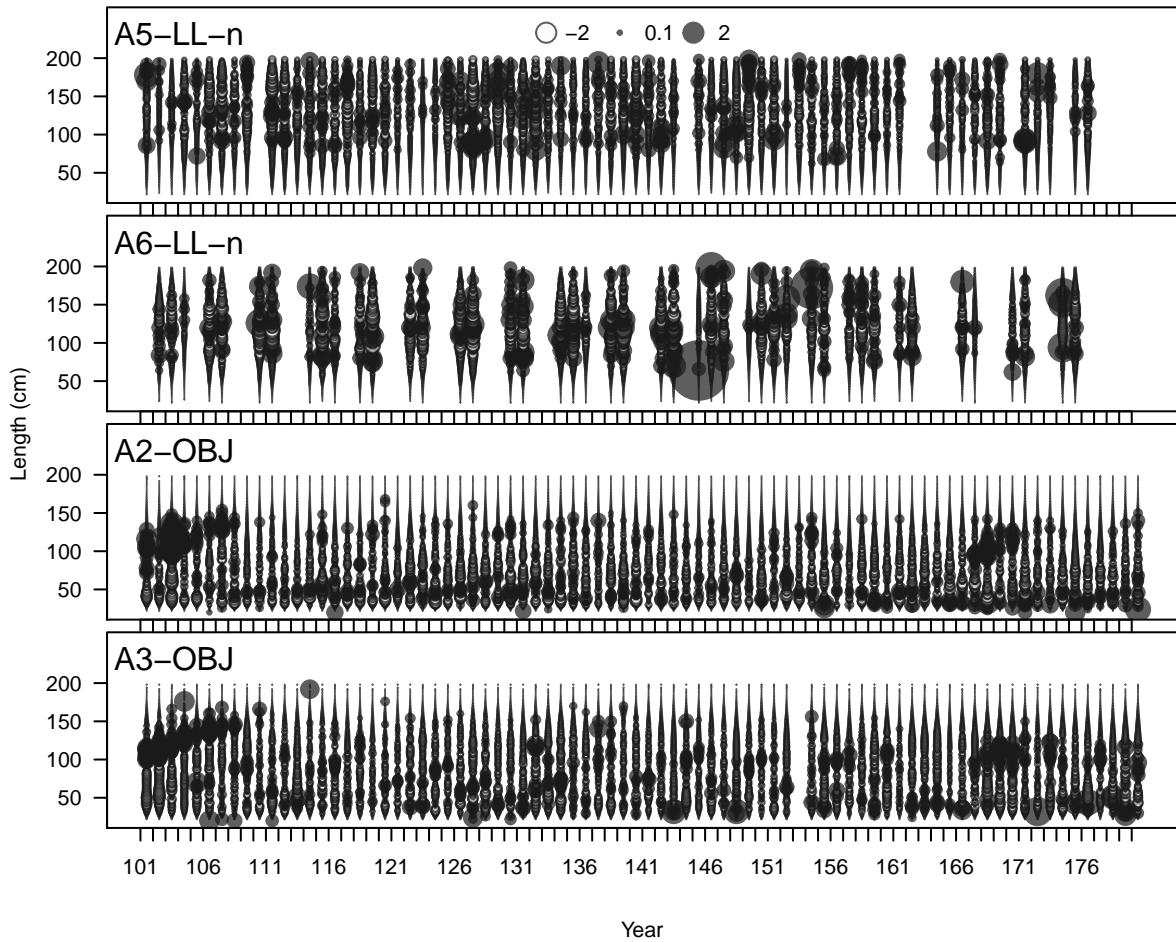


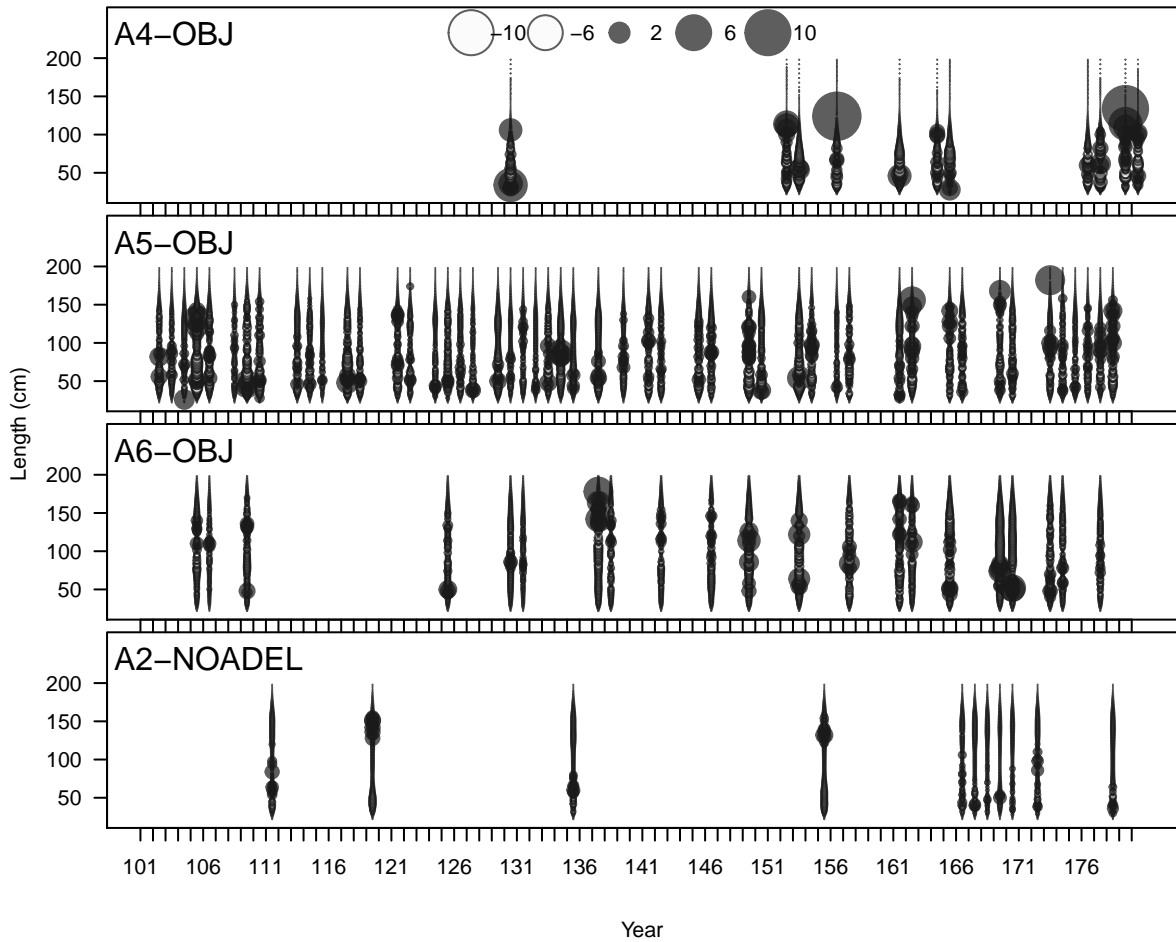
Proportion



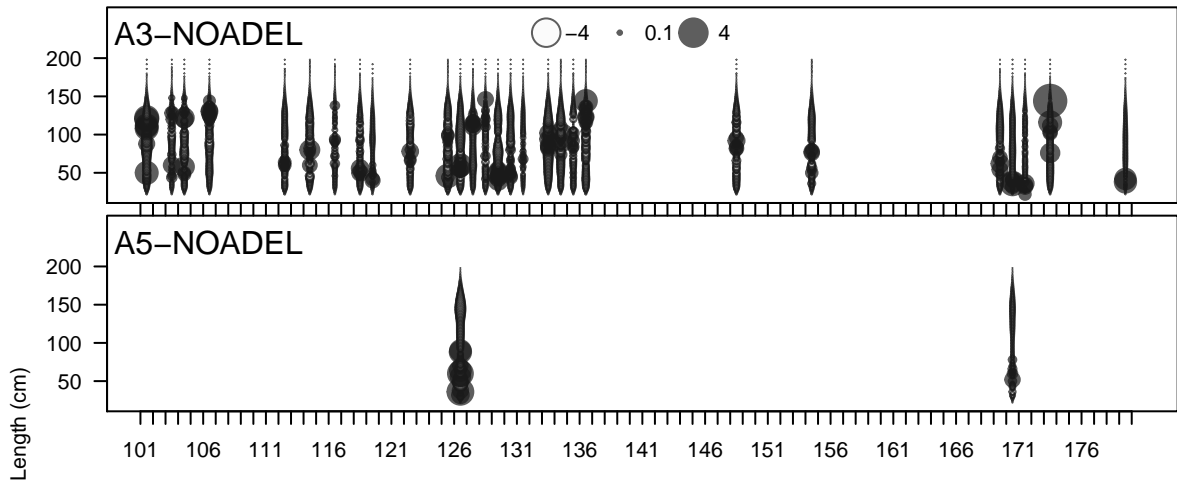
Length (cm)





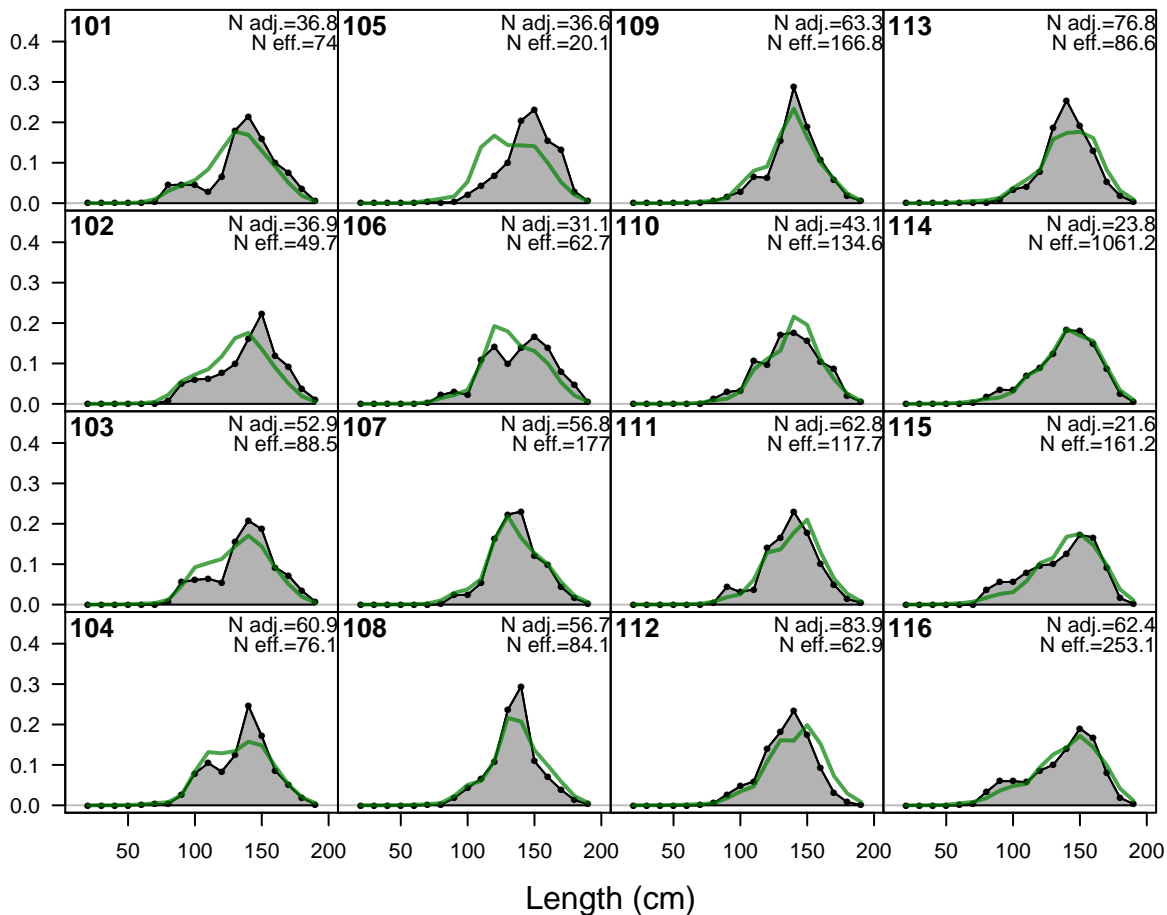




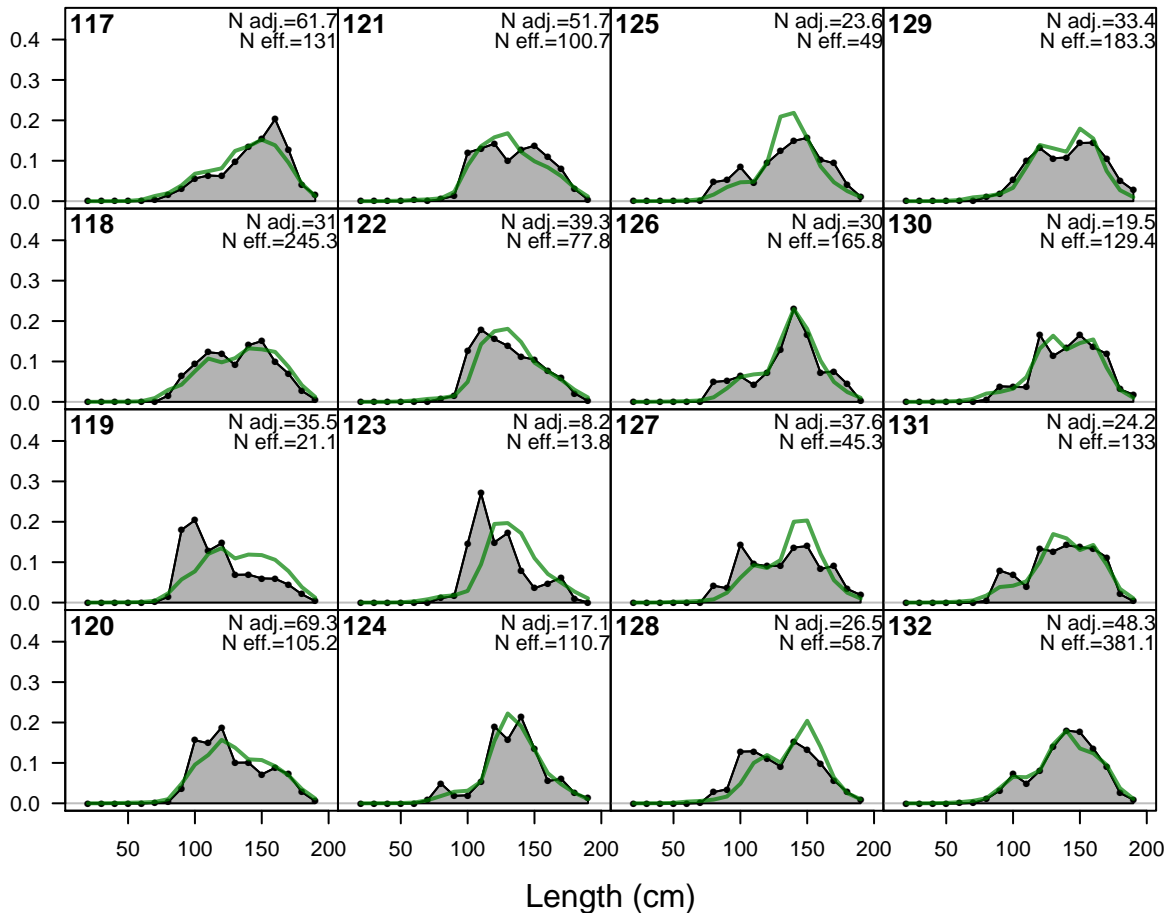


Year

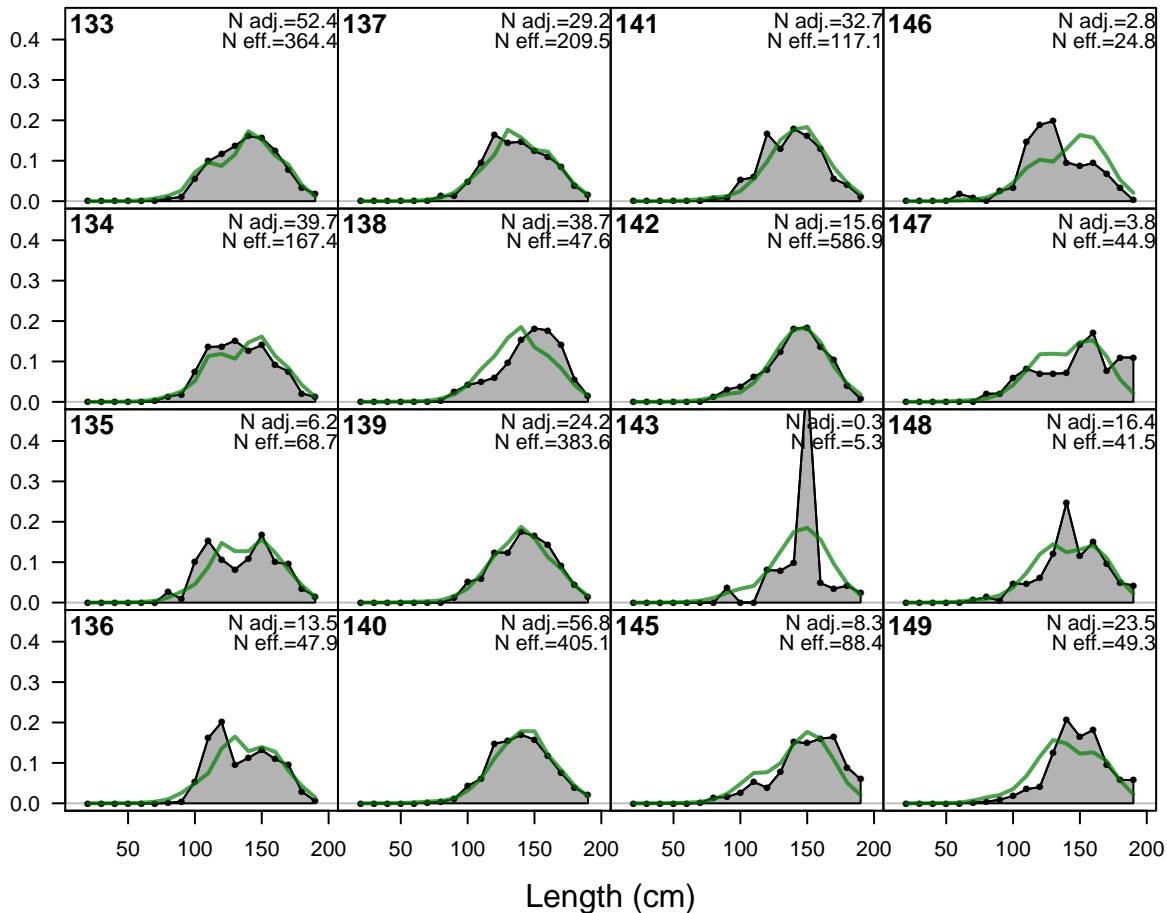
Proportion



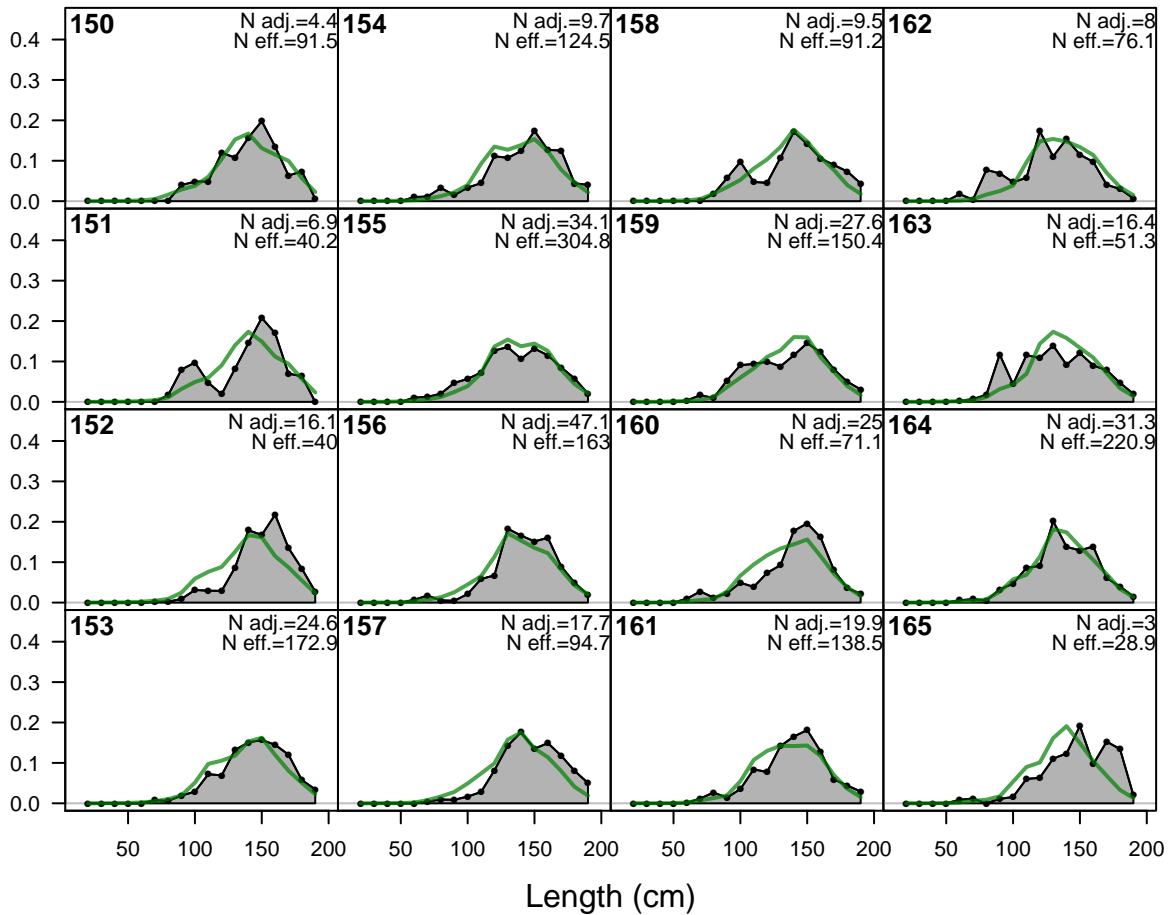
Proportion



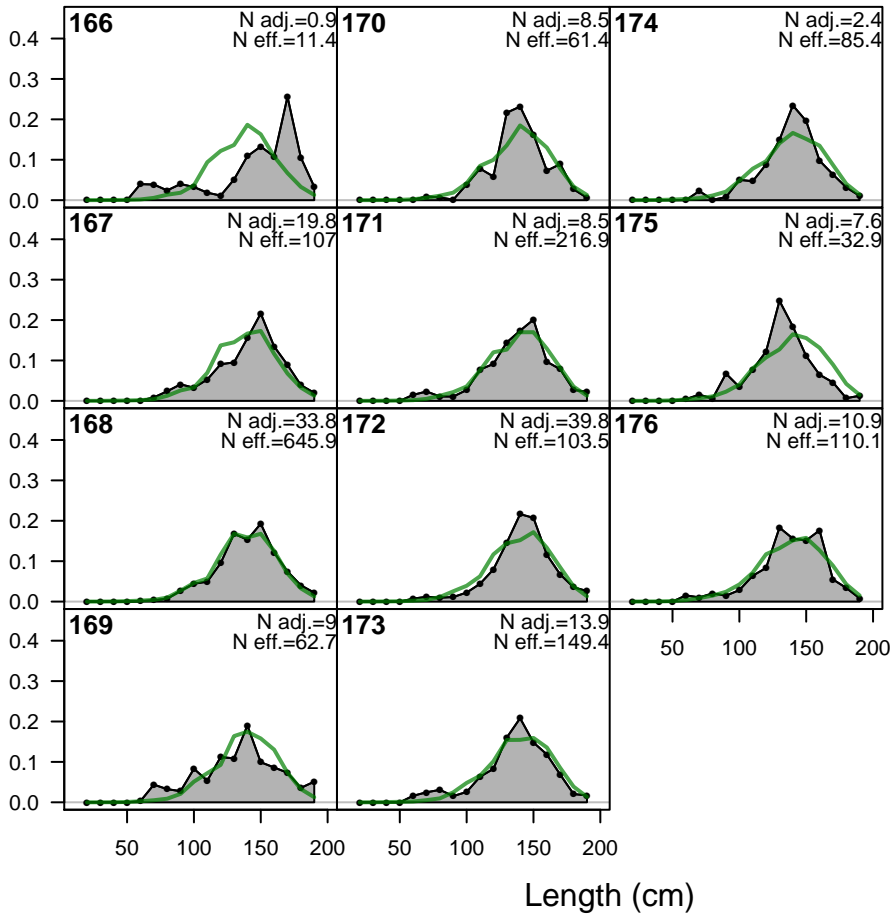
Proportion

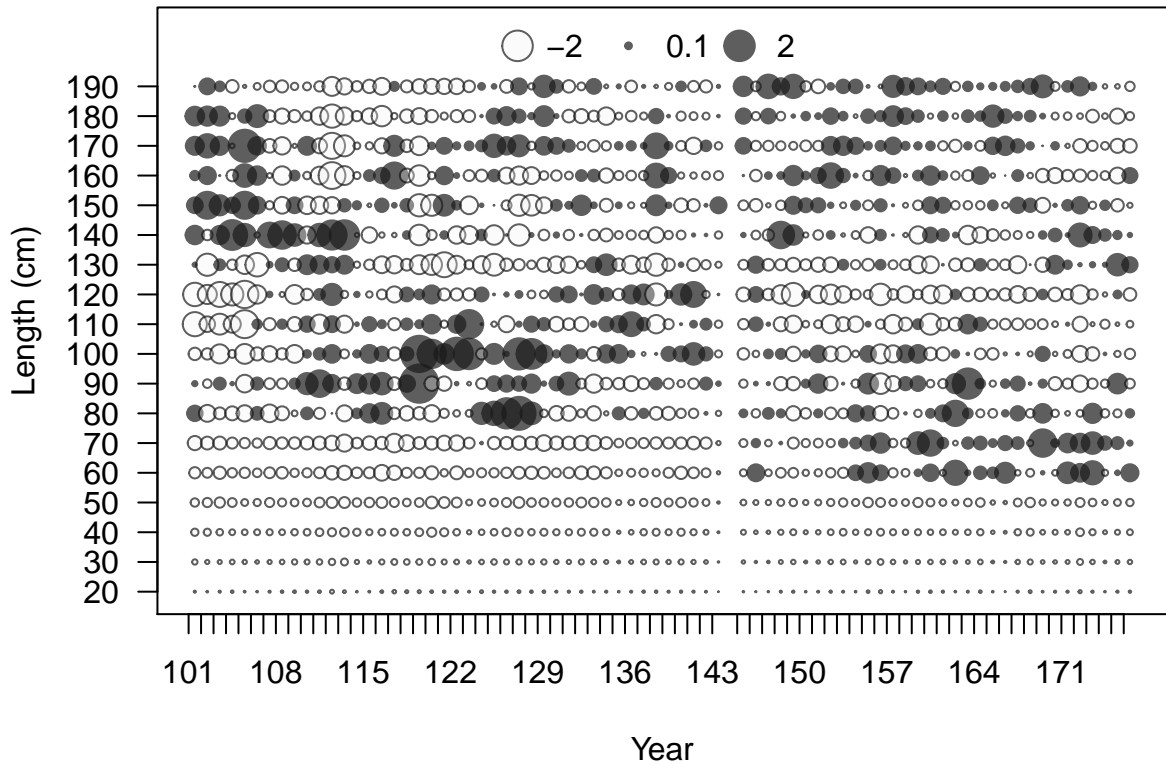


Proportion



Proportion

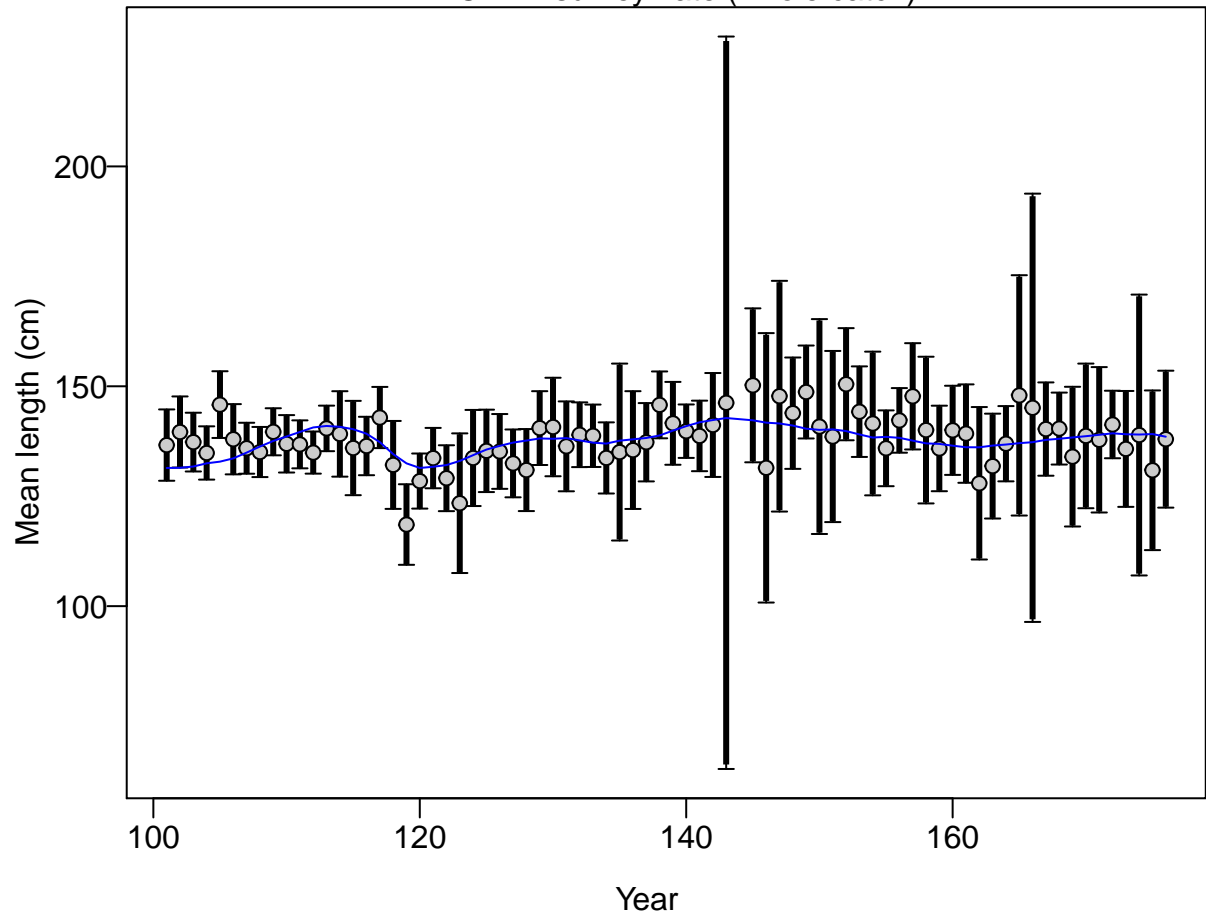


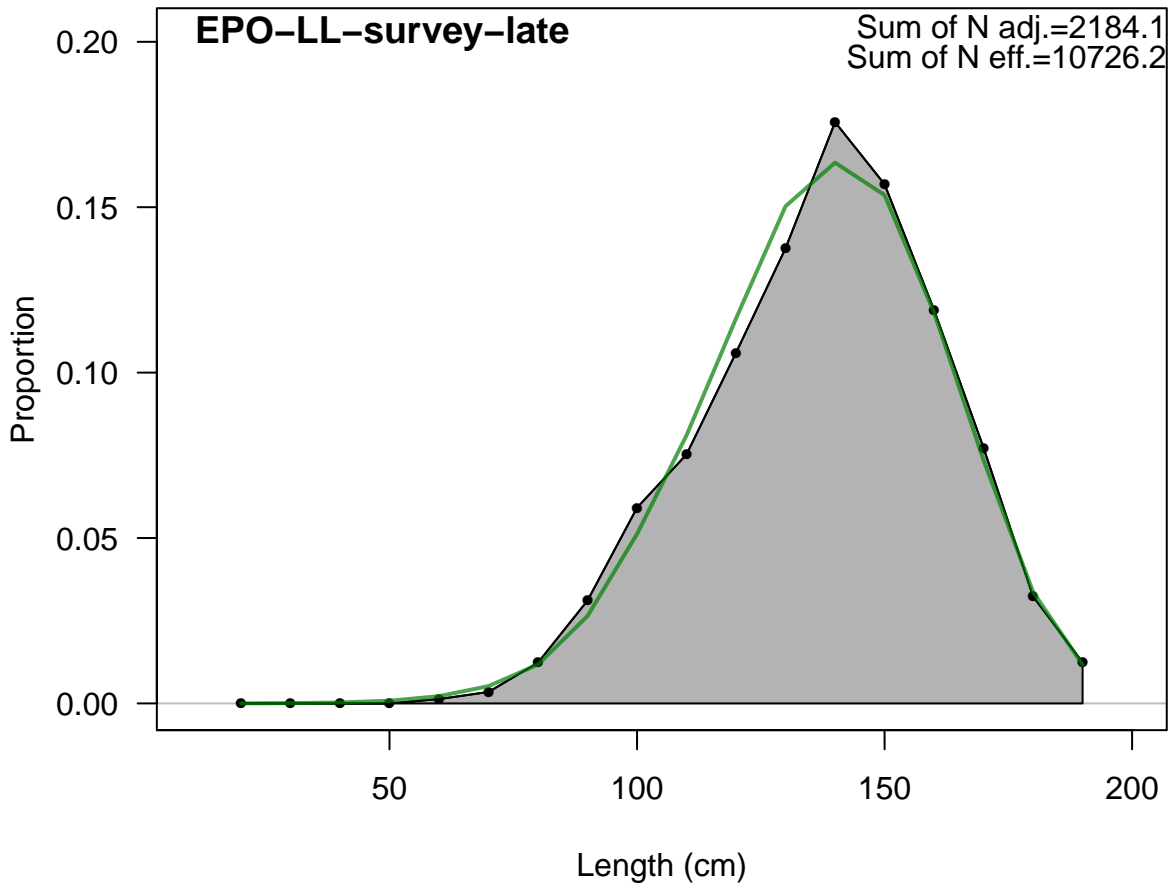


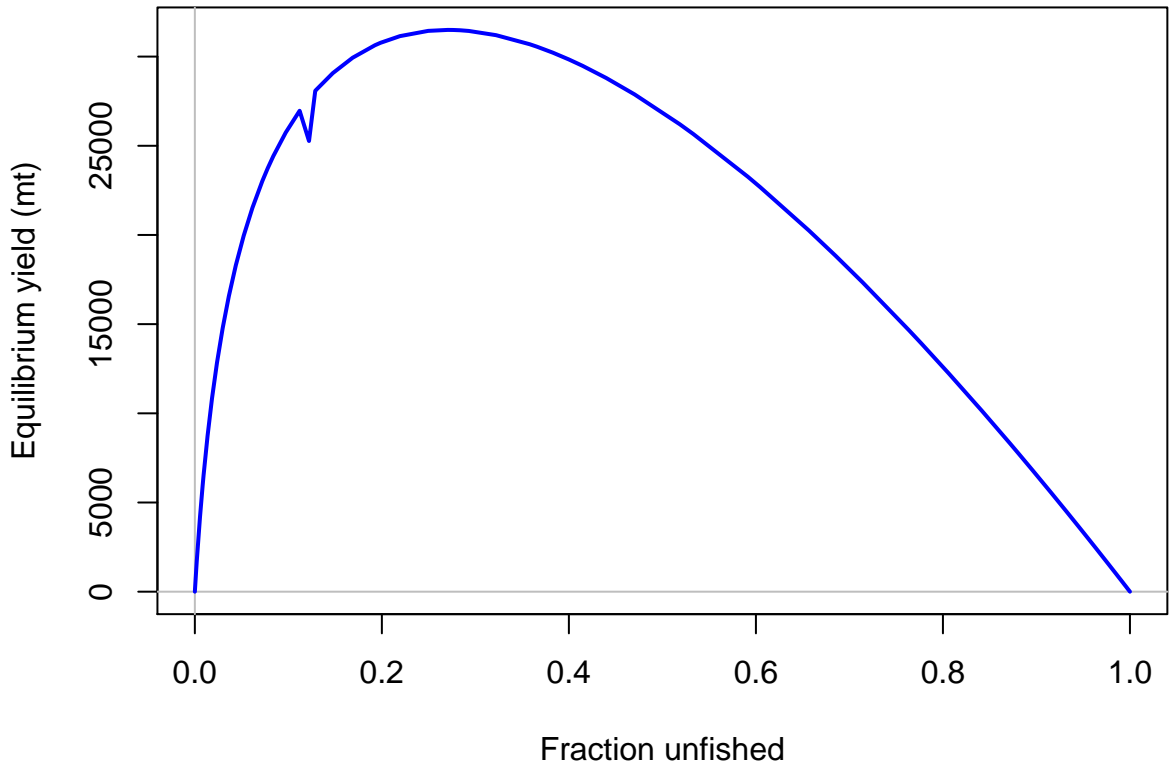


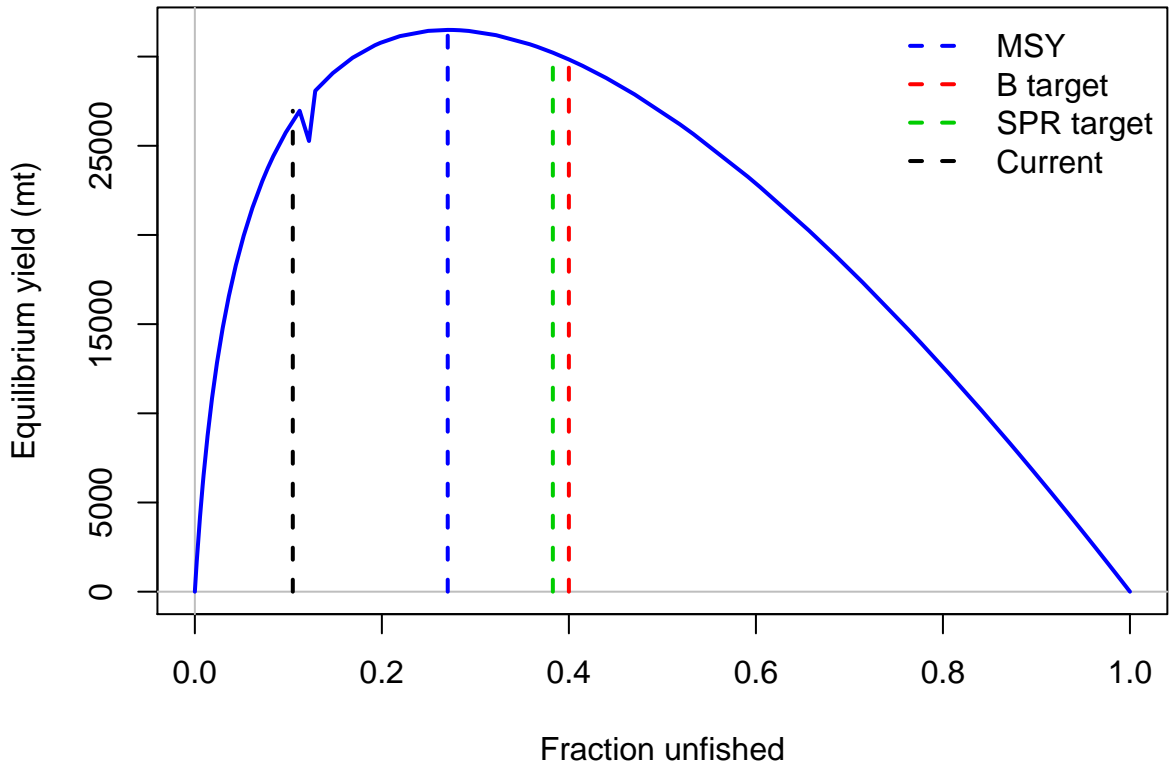


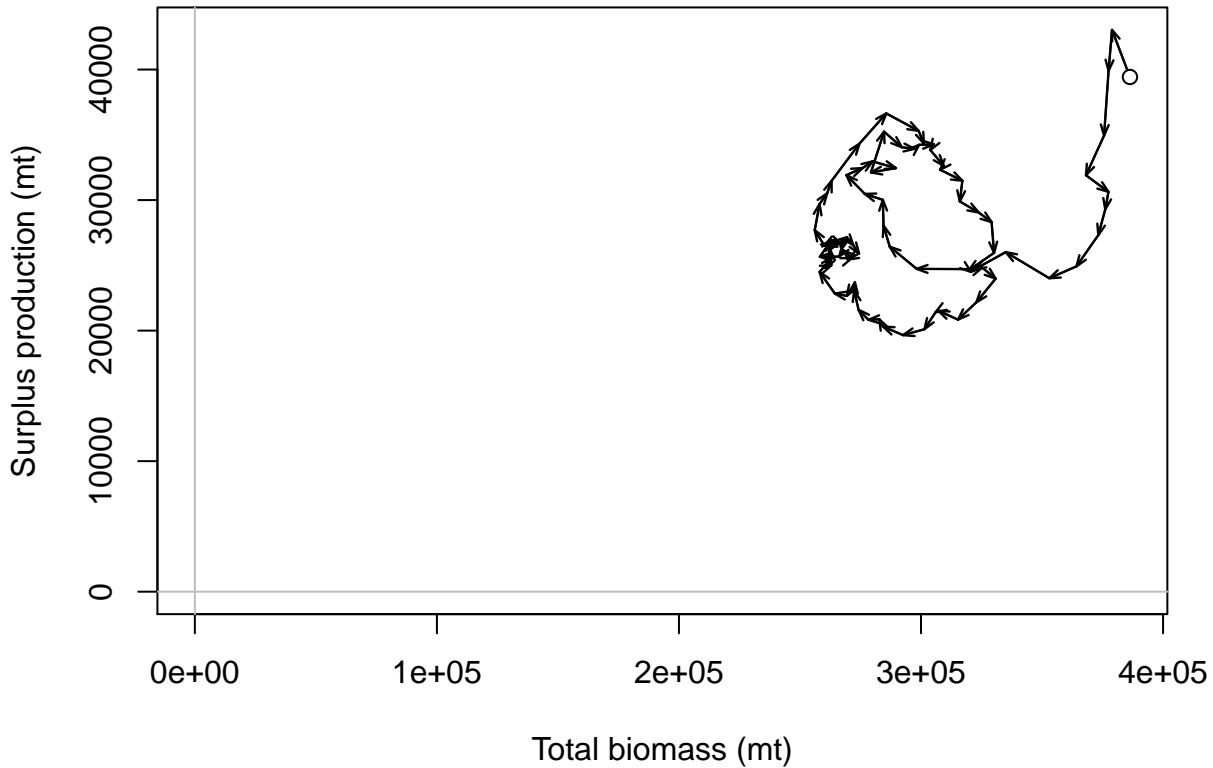
EPO-LL-survey-late (whole catch)



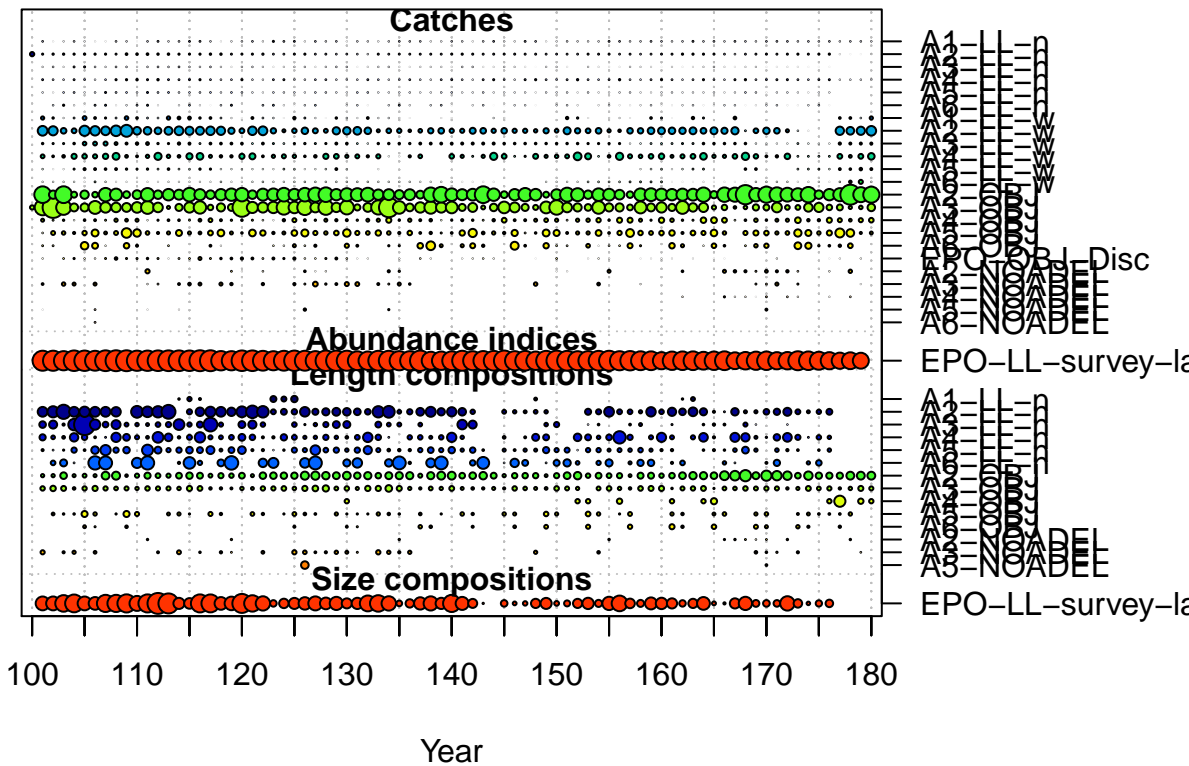


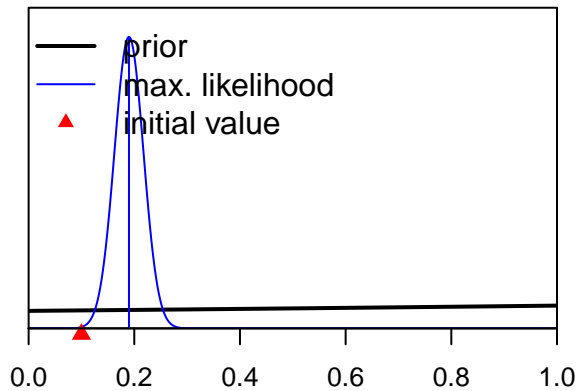
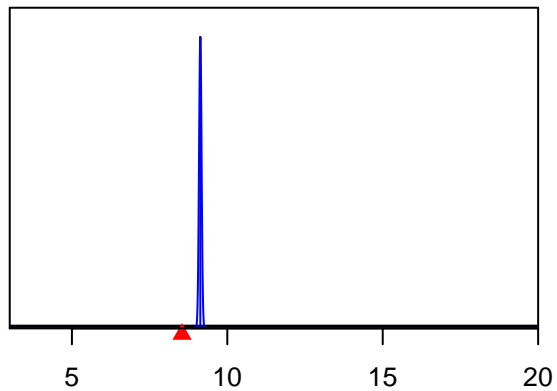
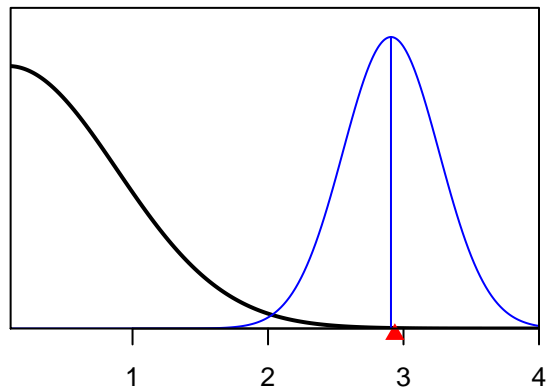
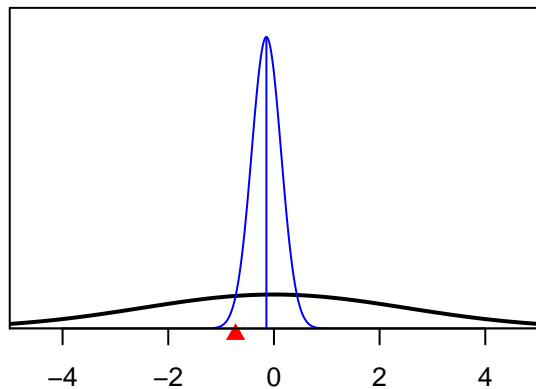








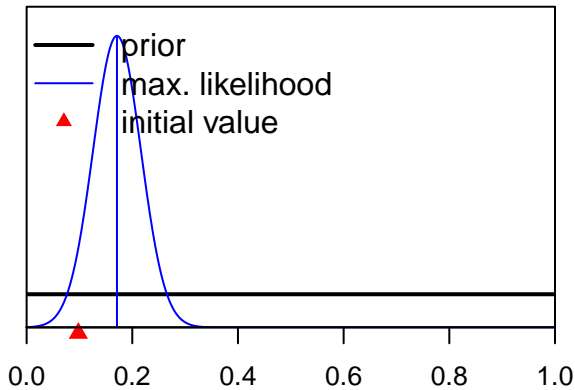


**NatM\_p\_4\_Fem\_GP\_1****SR\_LN(R0)****SD\_young\_Fem\_GP\_1****SR\_regime\_BLK1add\_100**

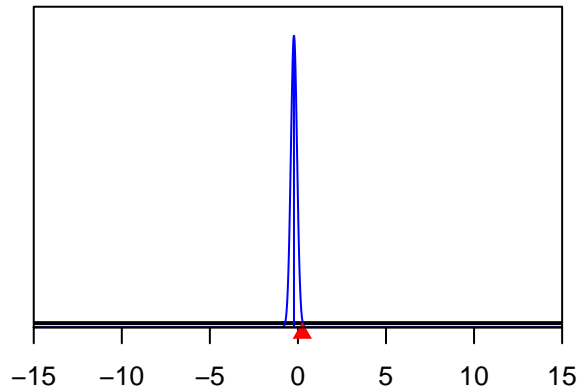
Parameter value



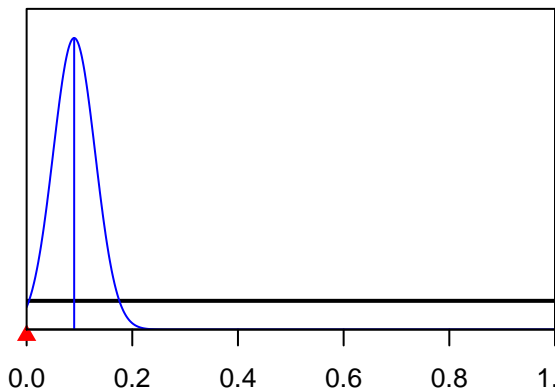
InitF\_seas\_1\_flt\_2A2-LL-n



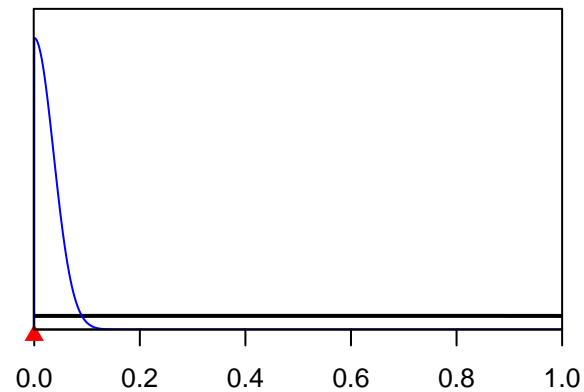
LnQ\_base\_EPO-LL-survey-late(24)



InitF\_seas\_1\_flt\_14A3-OBJ

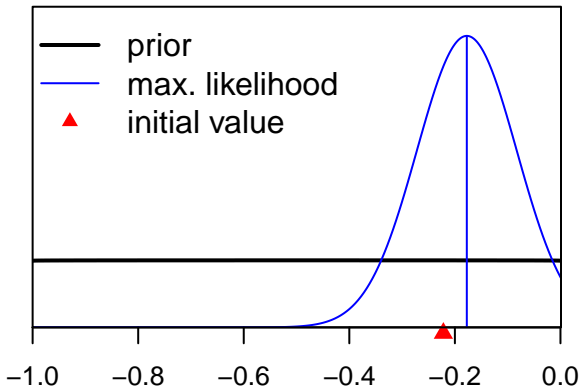


SizeSpline\_GradLo\_A1-LL-n(1)

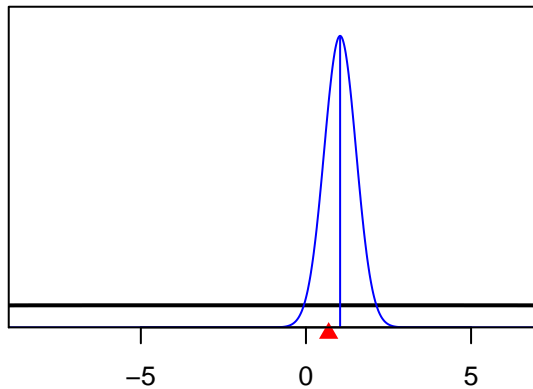


Parameter value

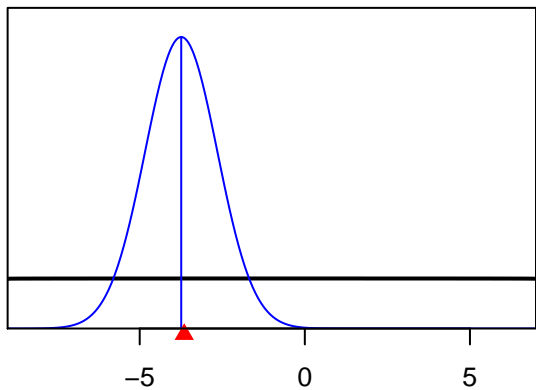
SizeSpline\_GradHi\_A1-LL-n(1)



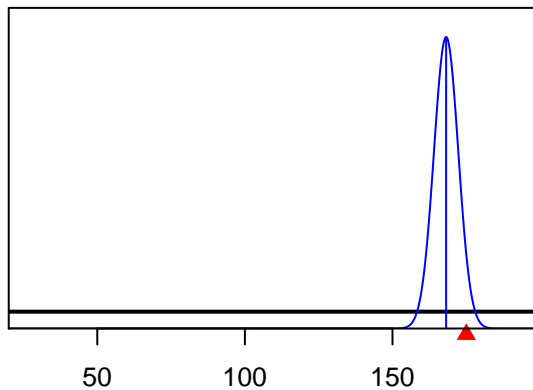
SizeSpline\_Val\_4\_A1-LL-n(1)



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

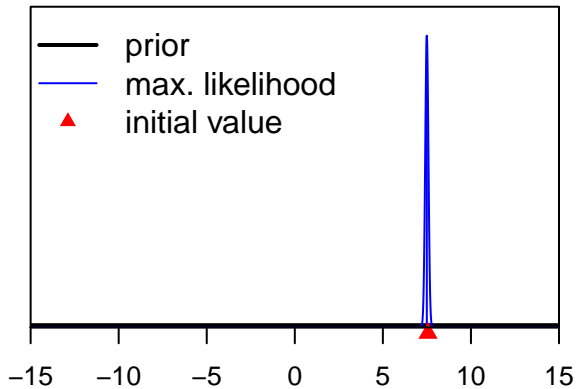


Size\_DbIN\_peak\_A2-LL-n(2)

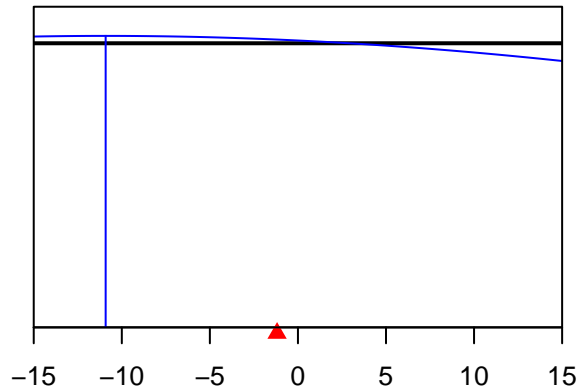


Parameter value

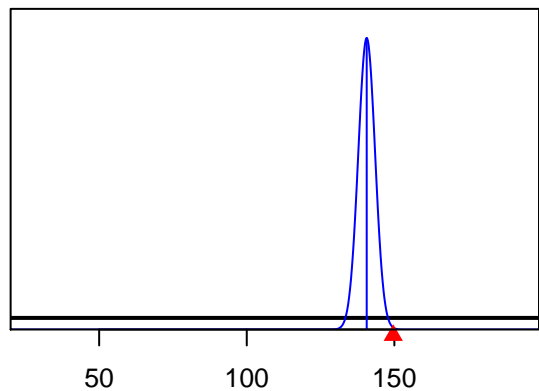
Size\_DbIN\_ascend\_se\_A2-LL-n(2)



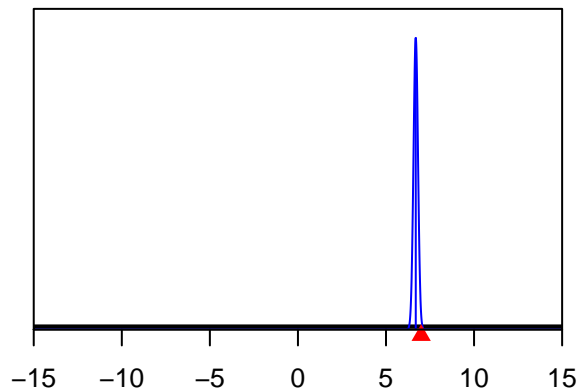
Size\_DbIN\_top\_logit\_A3-LL-n(3)



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

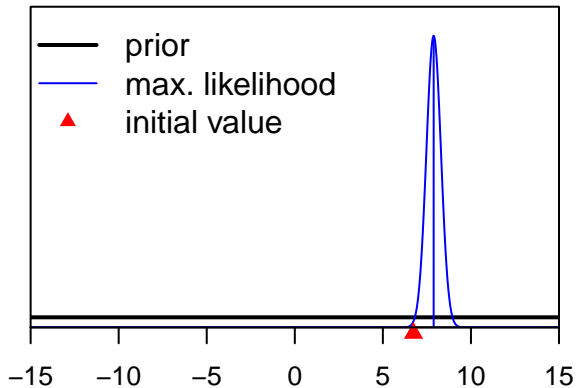


Size\_DbIN\_ascend\_se\_A3-LL-n(3)

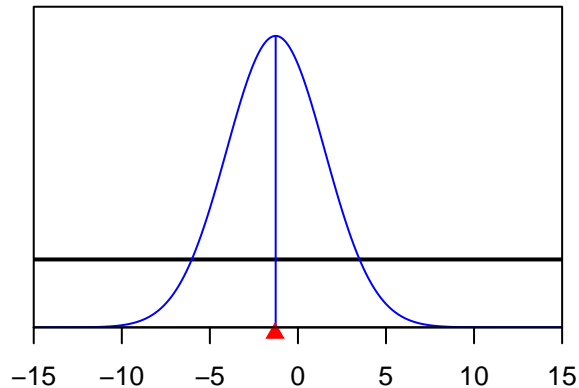


Parameter value

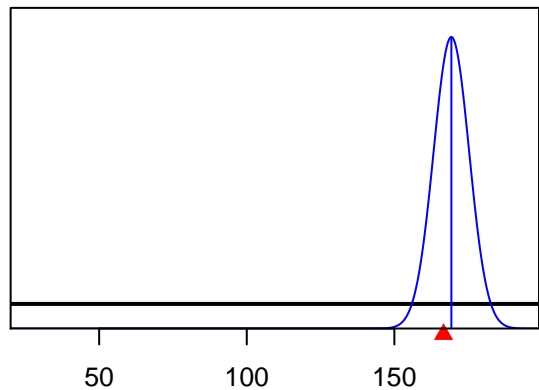
Size\_DbIN\_descend\_se\_A3-LL-n(3)



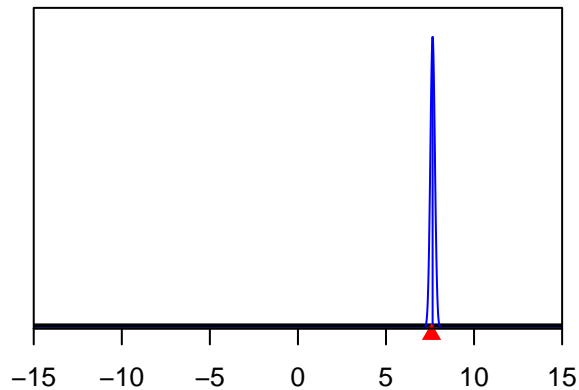
Size\_DbIN\_top\_logit\_A4-LL-n(4)



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

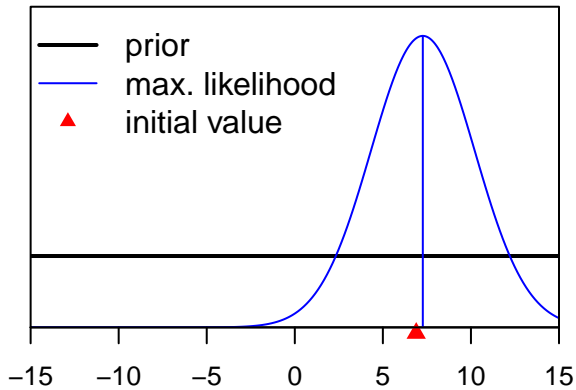


Size\_DbIN\_ascend\_se\_A4-LL-n(4)

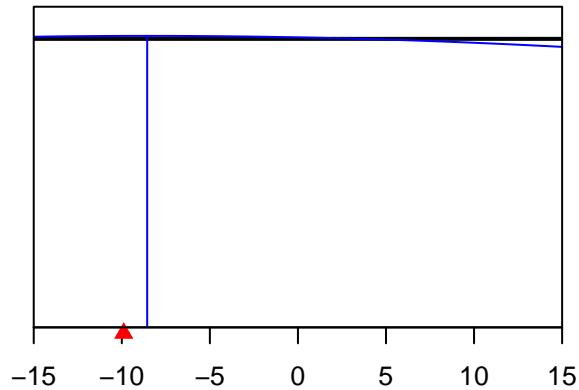


Parameter value

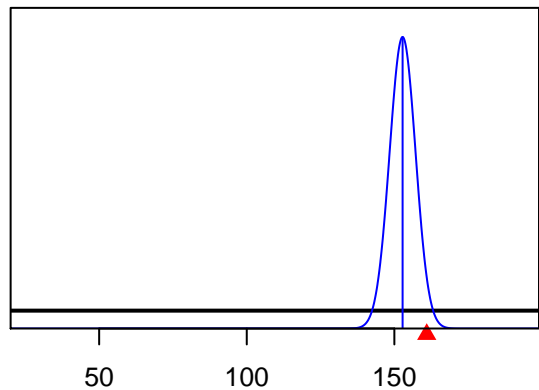
Size\_DbIN\_descend\_se\_A4-LL-n(4)



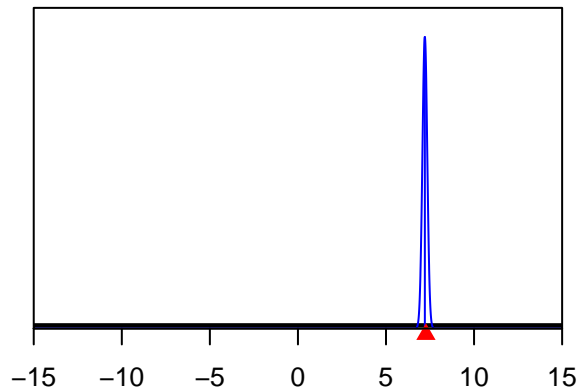
Size\_DbIN\_top\_logit\_A5-LL-n(5)



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

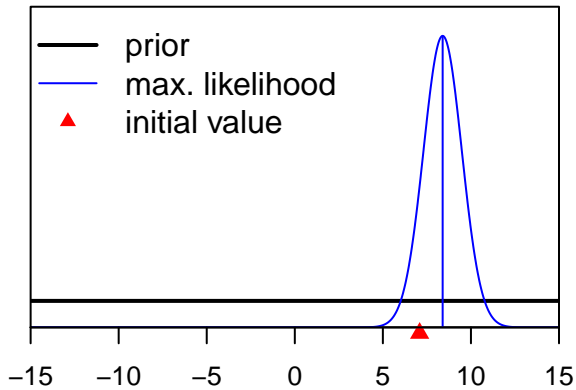


Size\_DbIN\_ascend\_se\_A5-LL-n(5)

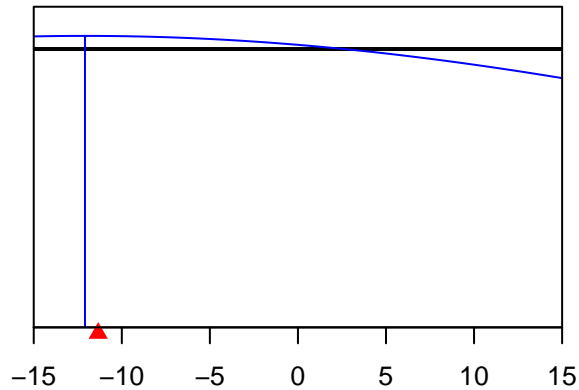


Parameter value

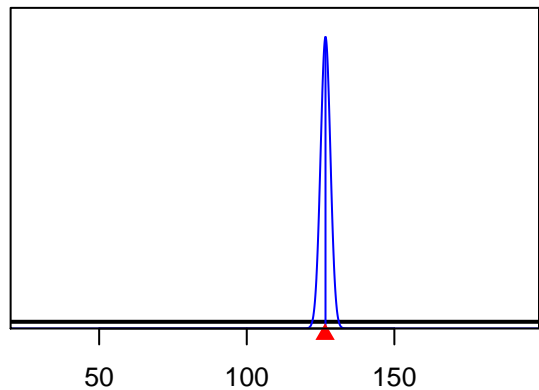
Size\_DbIN\_descend\_se\_A5-LL-n(5)



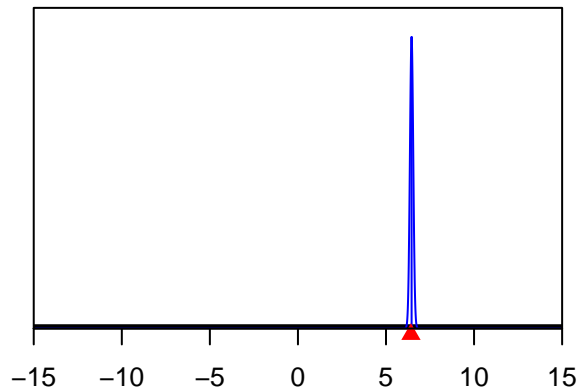
Size\_DbIN\_top\_logit\_A6-LL-n(6)



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

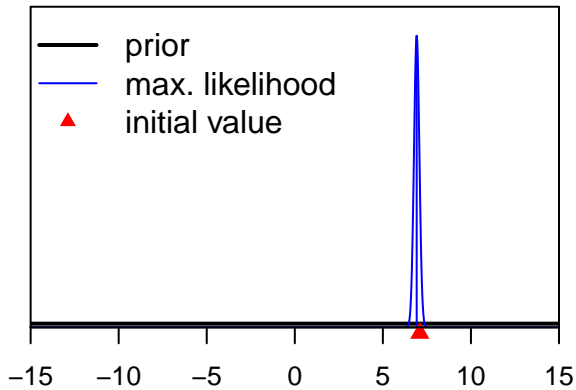


Size\_DbIN\_ascend\_se\_A6-LL-n(6)

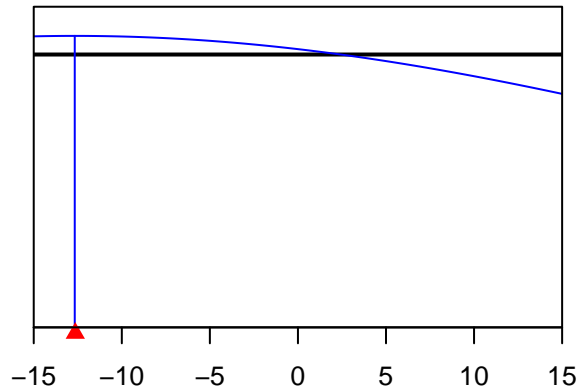


Parameter value

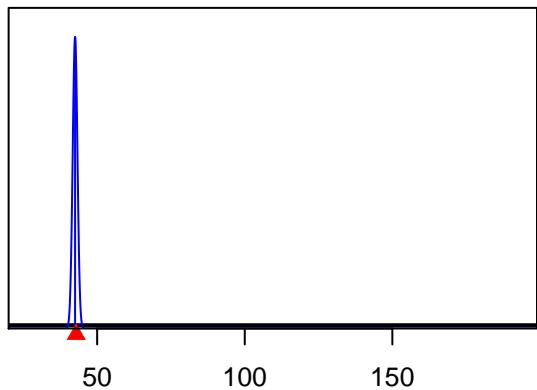
Size\_DbIN\_descend\_se\_A6-LL-n(6)



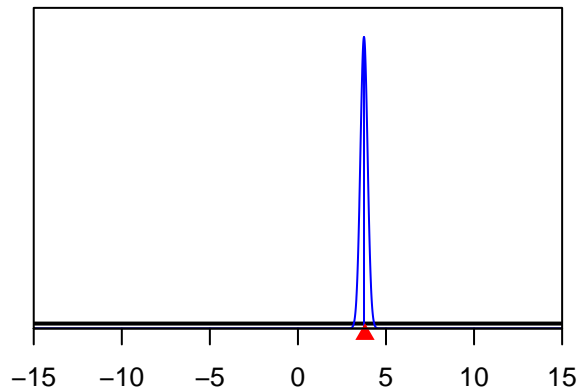
Size\_DbIN\_top\_logit\_A2-OBJ(13)



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

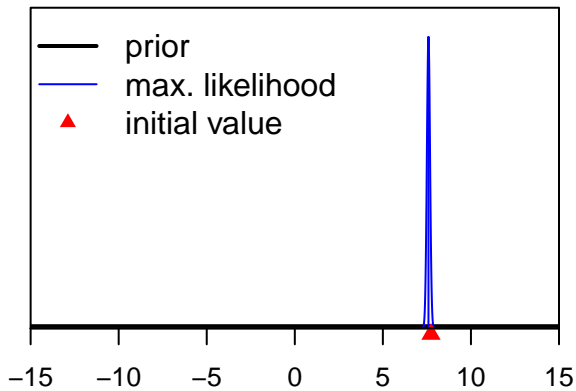


Size\_DbIN\_ascend\_se\_A2-OBJ(13)

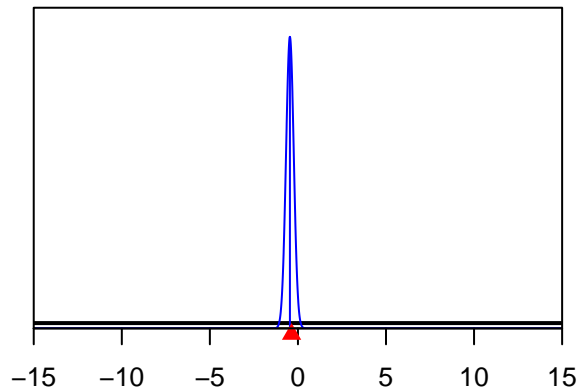


Parameter value

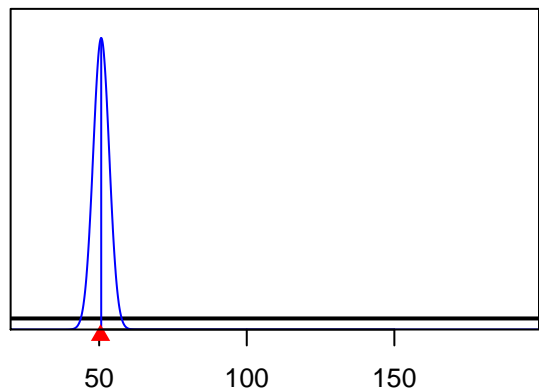
Size\_DbIN\_descend\_se\_A2-Obj(13)



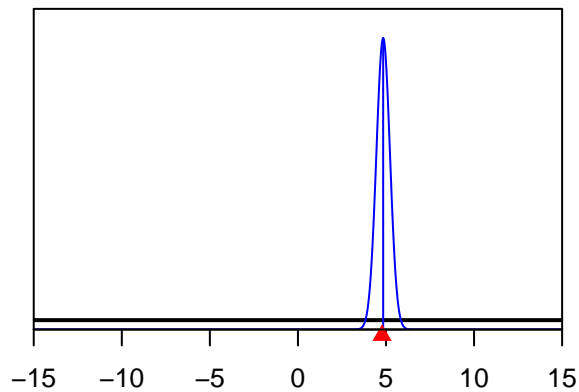
Size\_DbIN\_top\_logit\_A3-Obj(14)



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



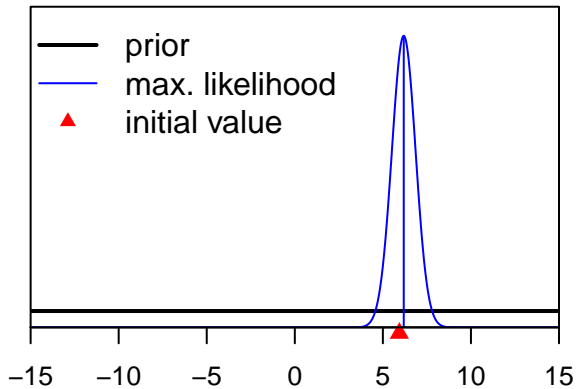
Size\_DbIN\_ascend\_se\_A3-Obj(14)



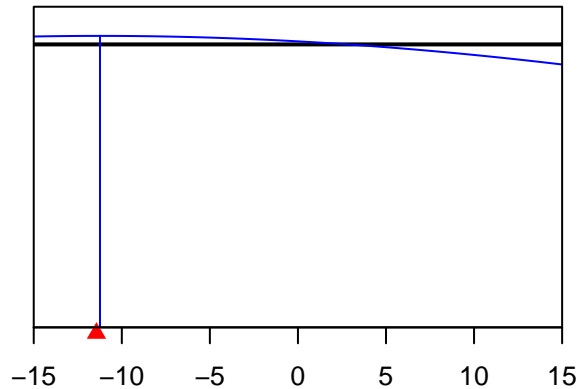
Parameter value



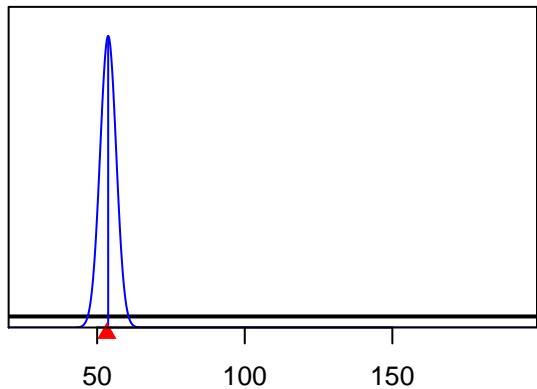
Size\_DbIN\_descend\_se\_A3-Obj(14)



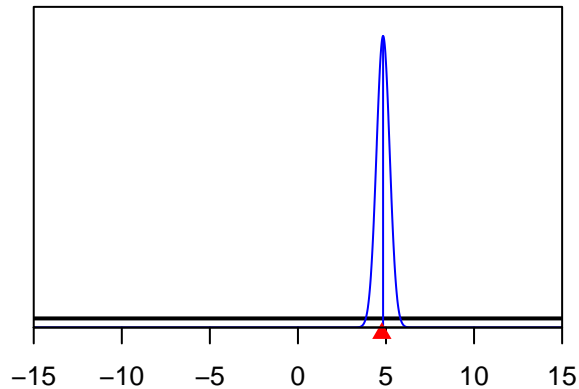
Size\_DbIN\_top\_logit\_A4-Obj(15)



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

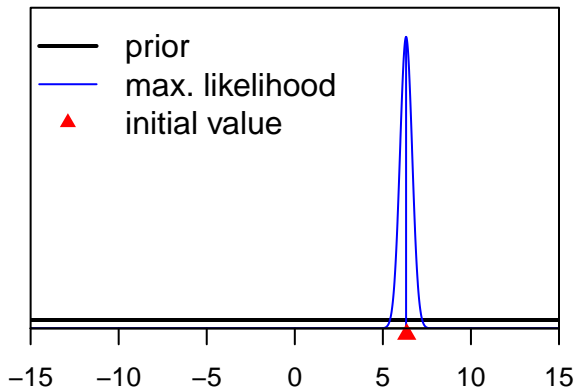


Size\_DbIN\_ascend\_se\_A4-Obj(15)

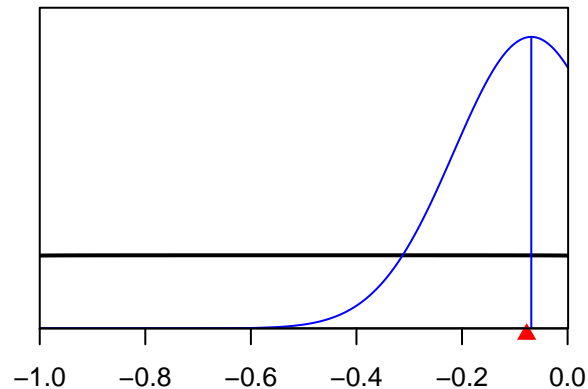


Parameter value

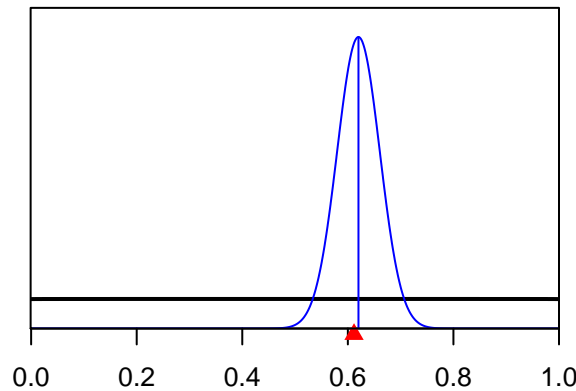
Size\_DblN\_descend\_se\_A4-Obj(15)



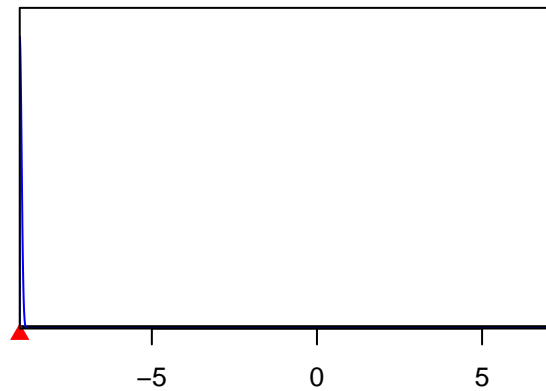
SizeSpline\_GradHi\_A5-Obj(16)



SizeSpline\_GradLo\_A5-Obj(16)

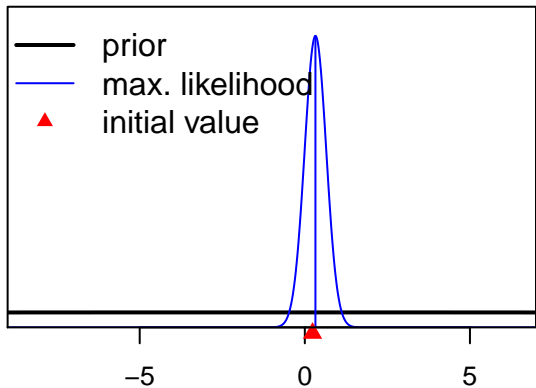


SizeSpline\_Val\_1\_A5-Obj(16)

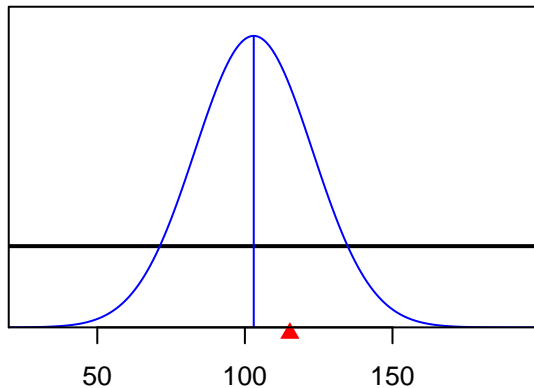


Parameter value

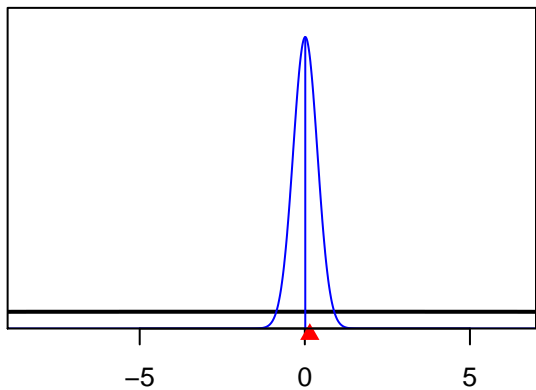
SizeSpline\_Val\_2\_A5-OBJ(16)



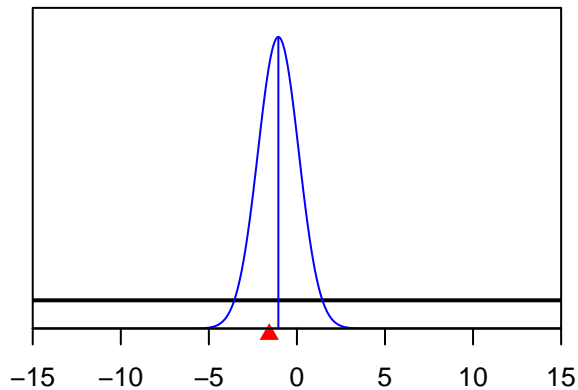
Size\_DbIN\_peak\_A6-OBJ(17)



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

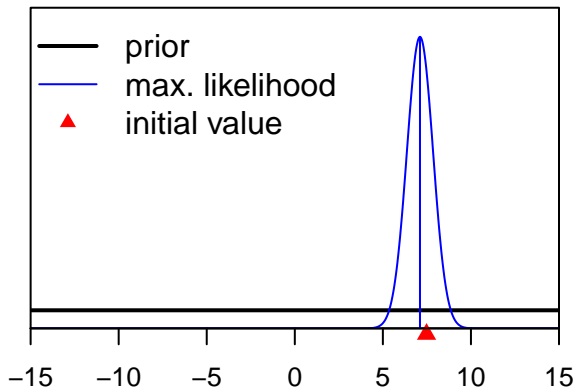


Size\_DbIN\_top\_logit\_A6-OBJ(17)

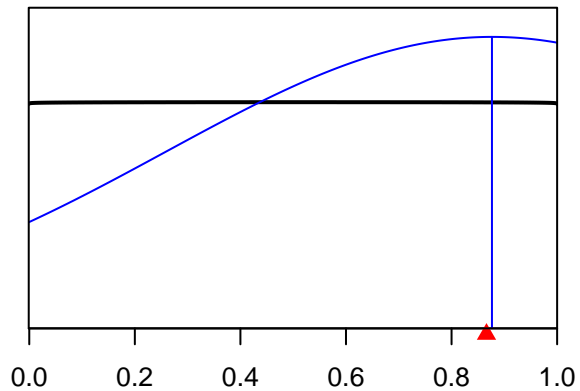


Parameter value

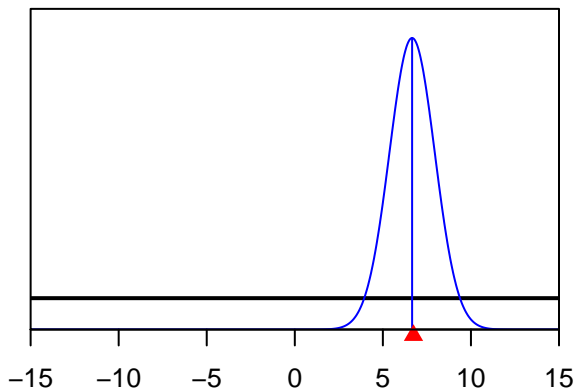
Size\_DbIN\_ascend\_se\_A6-OBJ(17)



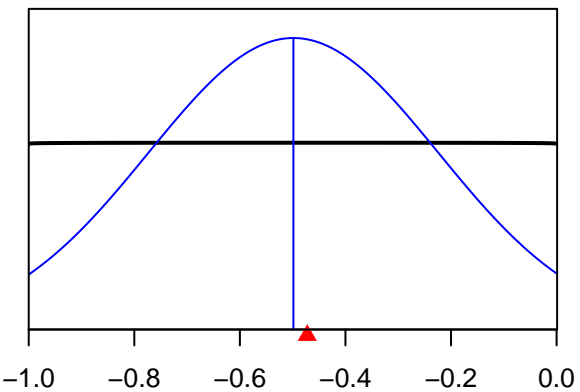
SizeSpline\_GradLo\_A2-NOADEL(19)



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

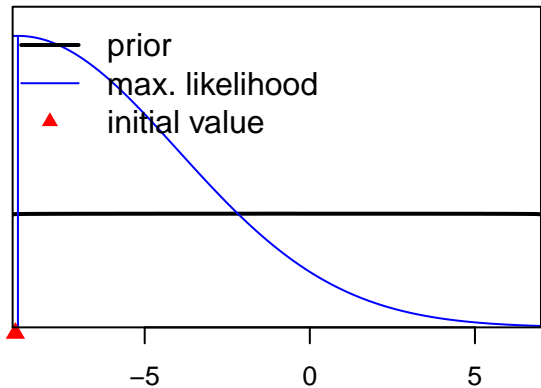


SizeSpline\_GradHi\_A2-NOADEL(19)

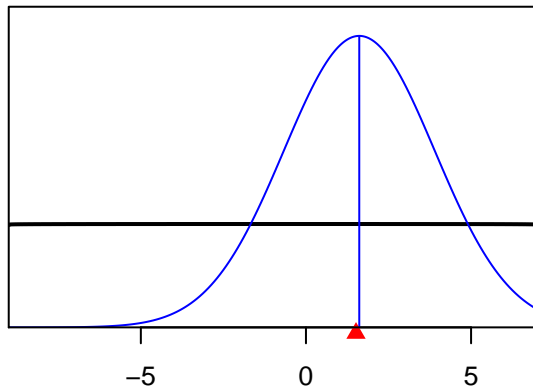


Parameter value

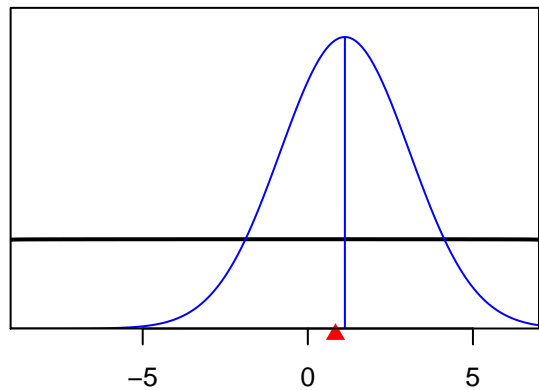
SizeSpline\_Val\_1\_A2-NOADEL(19)



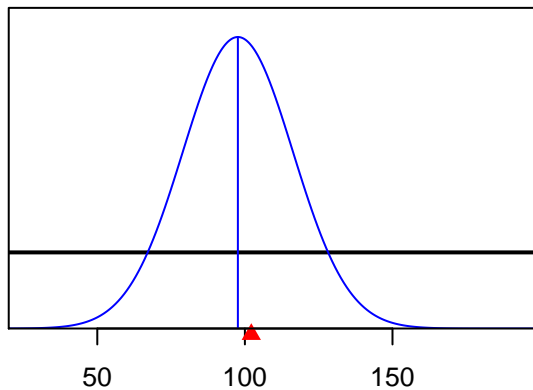
SizeSpline\_Val\_4\_A2-NOADEL(19)



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



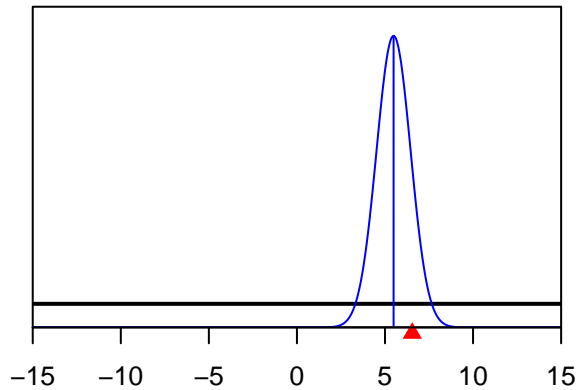
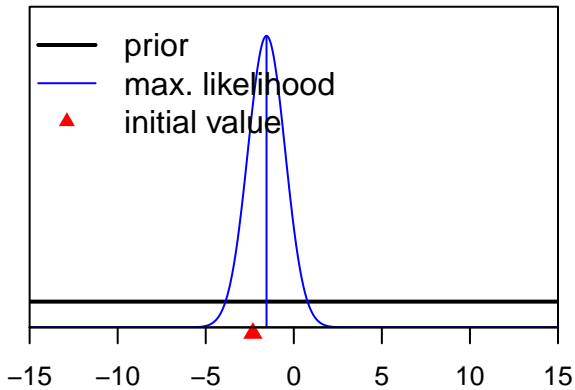
Size\_DblN\_peak\_A3-NOADEL(20)



Parameter value

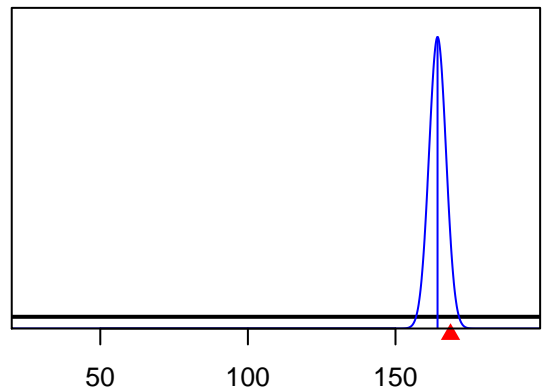
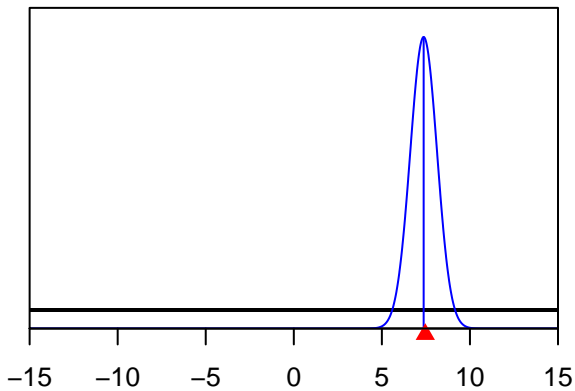
Size\_DbIN\_top\_logit\_A3-NOADEL(20)

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



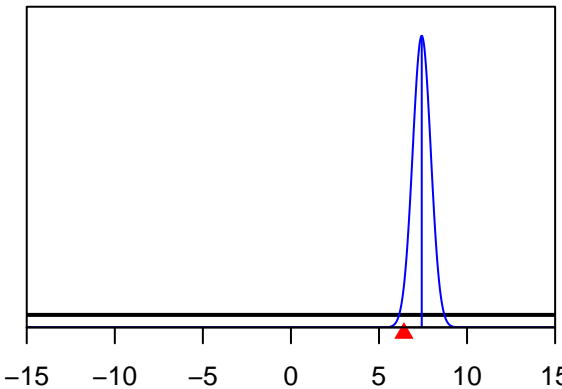
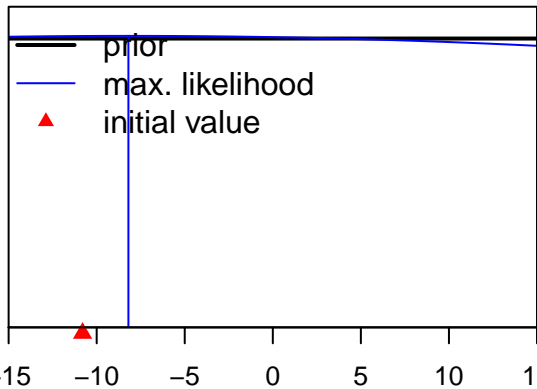
Size\_DbIN\_ascend\_se\_A3-NOADEL(20)

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

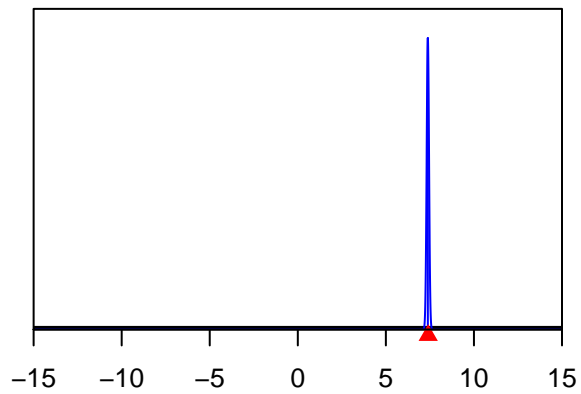


Parameter value

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