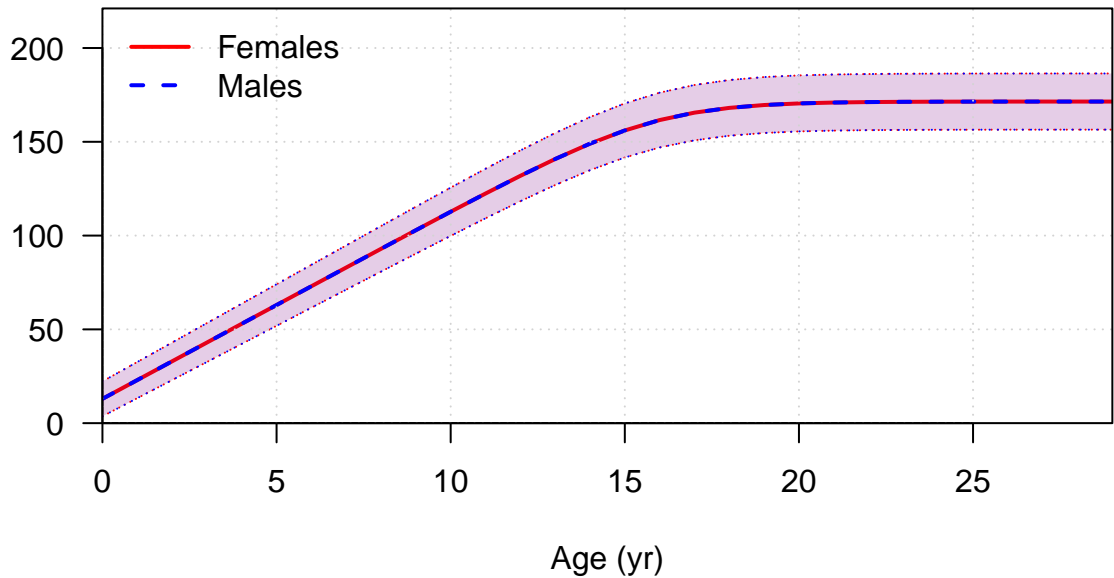
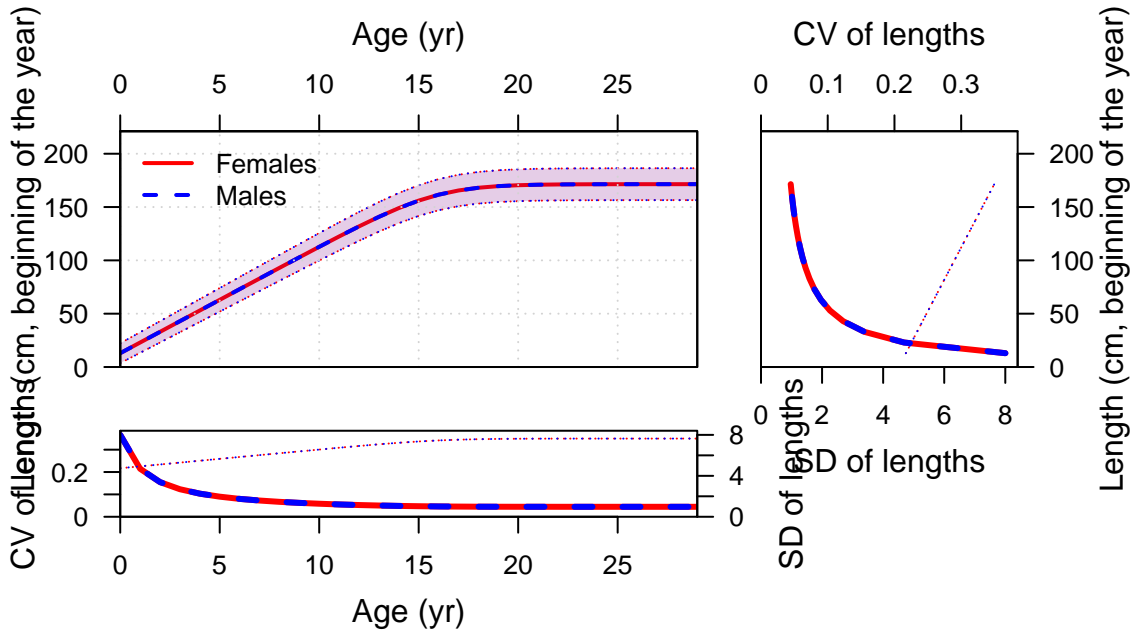
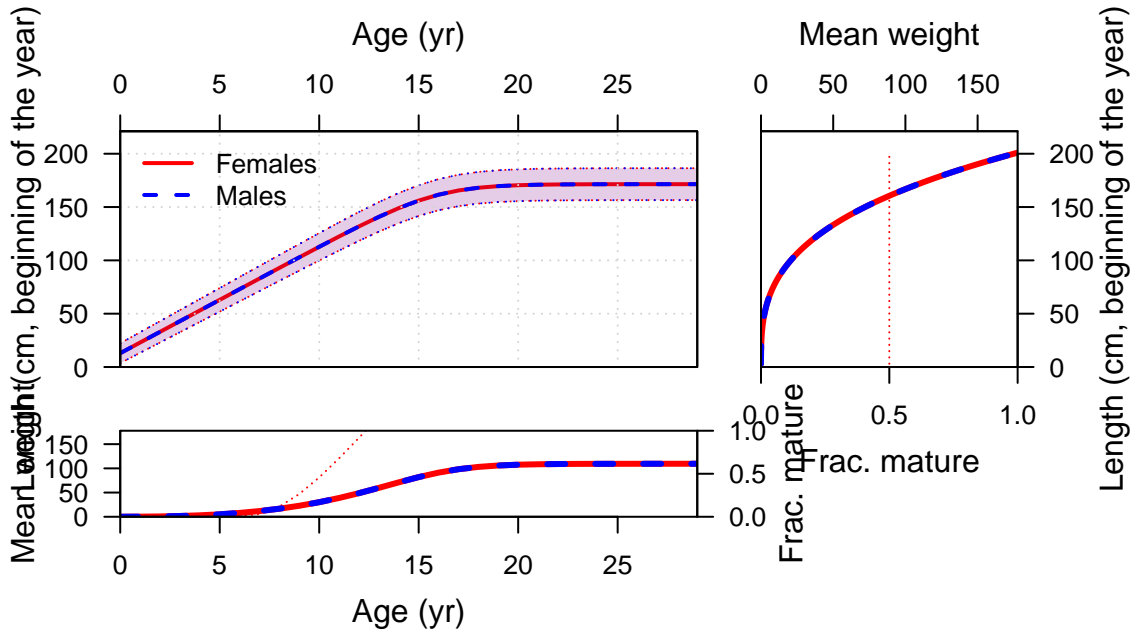


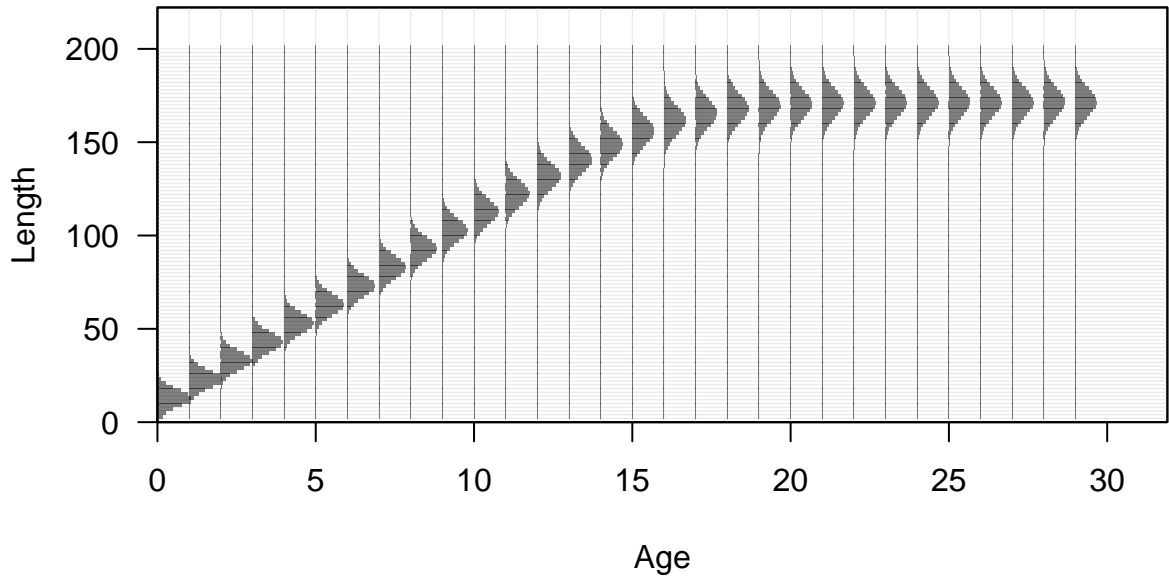
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StartTime: Sat Jun 8 16:48:08 2024
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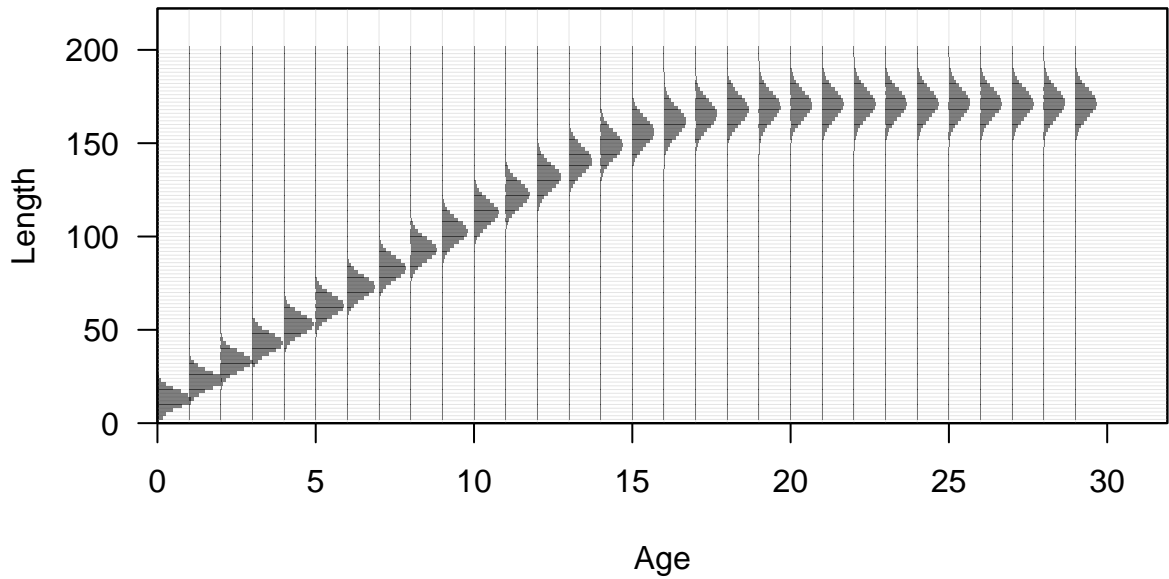
Length (cm, beginning of the year)

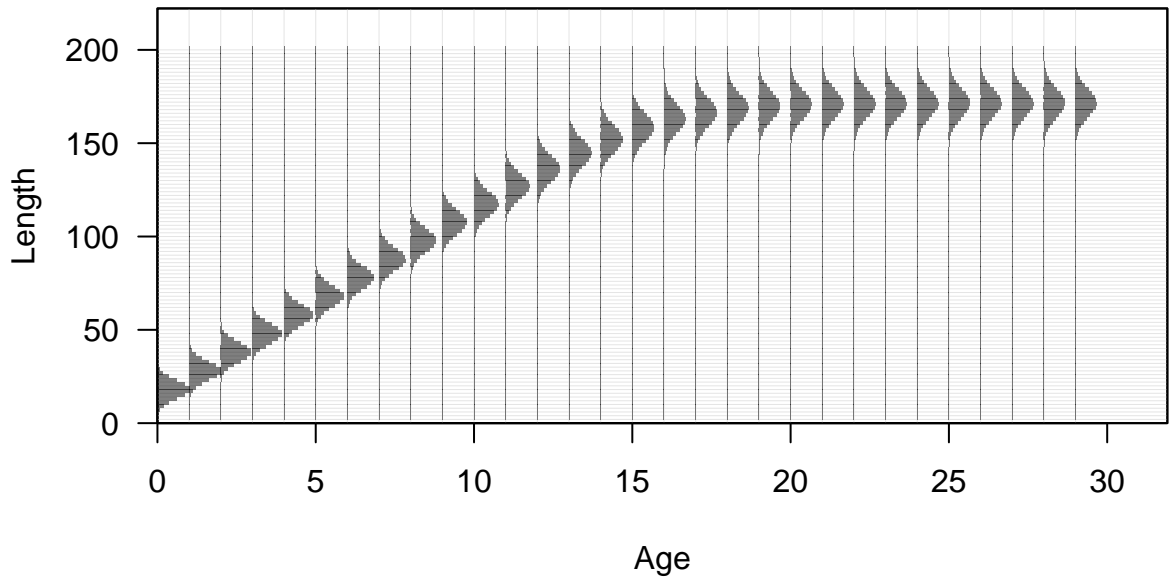


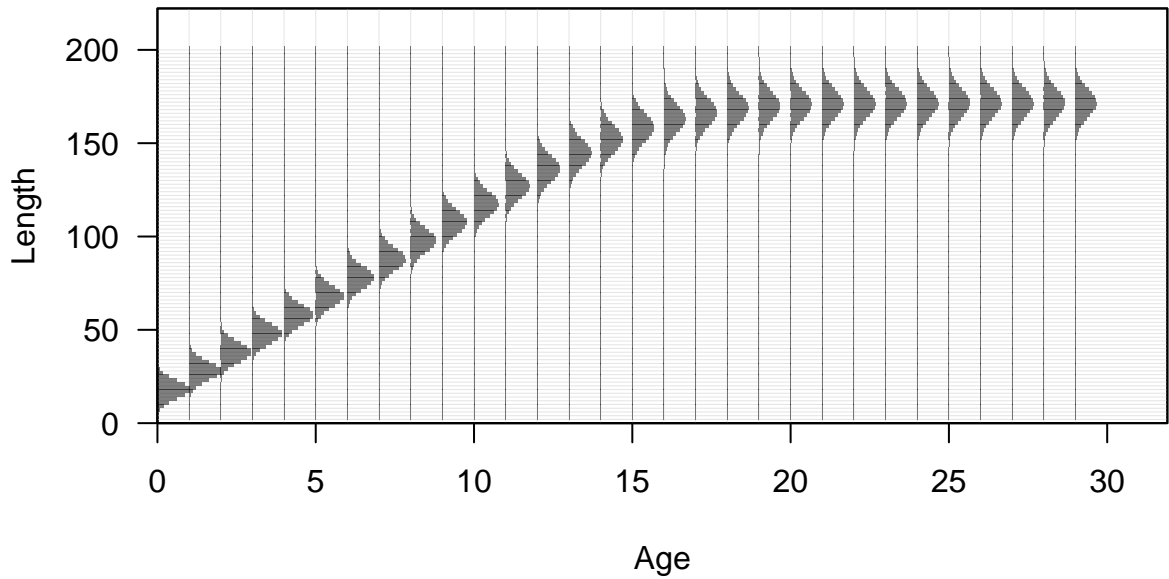


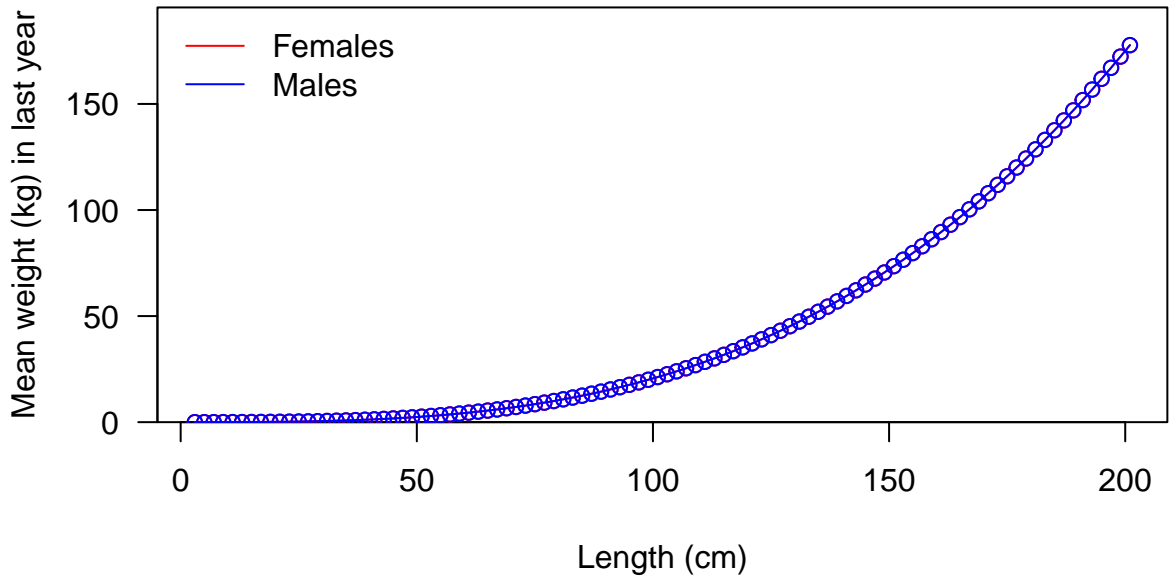


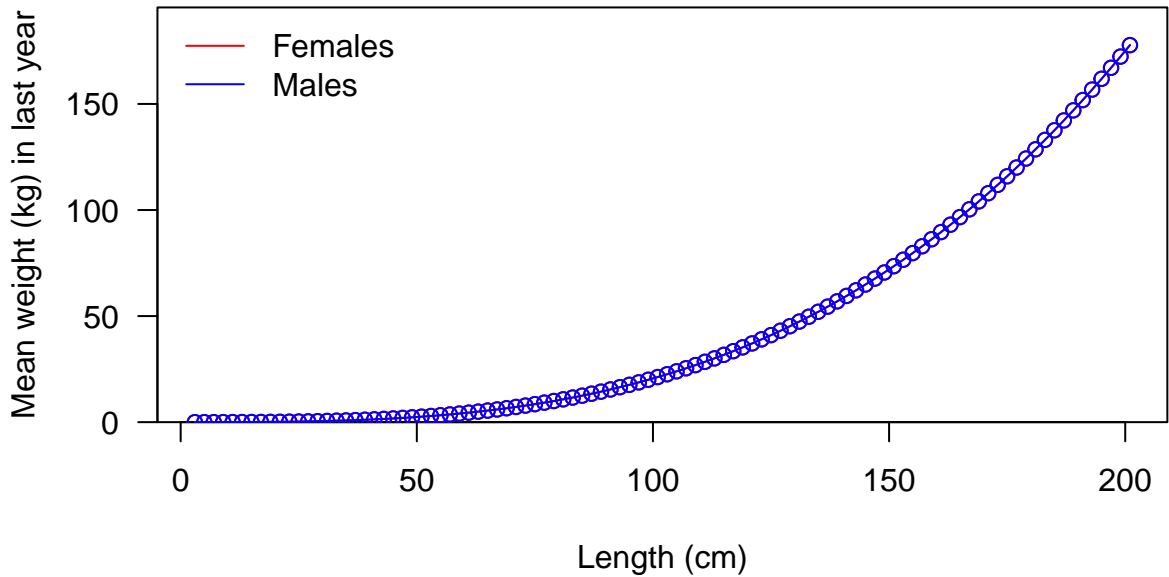


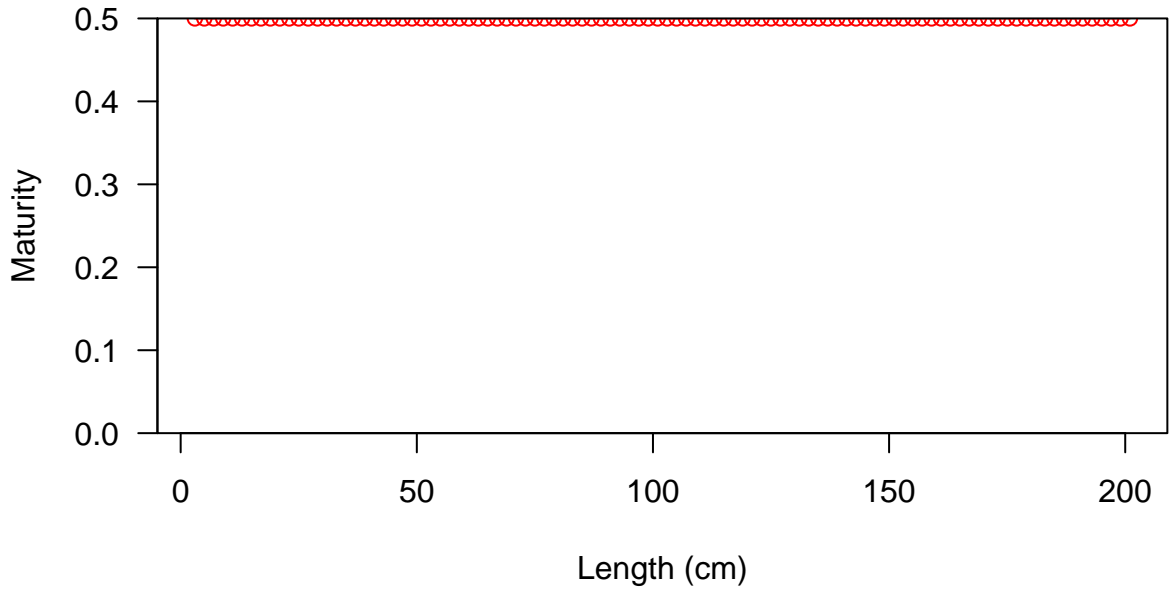


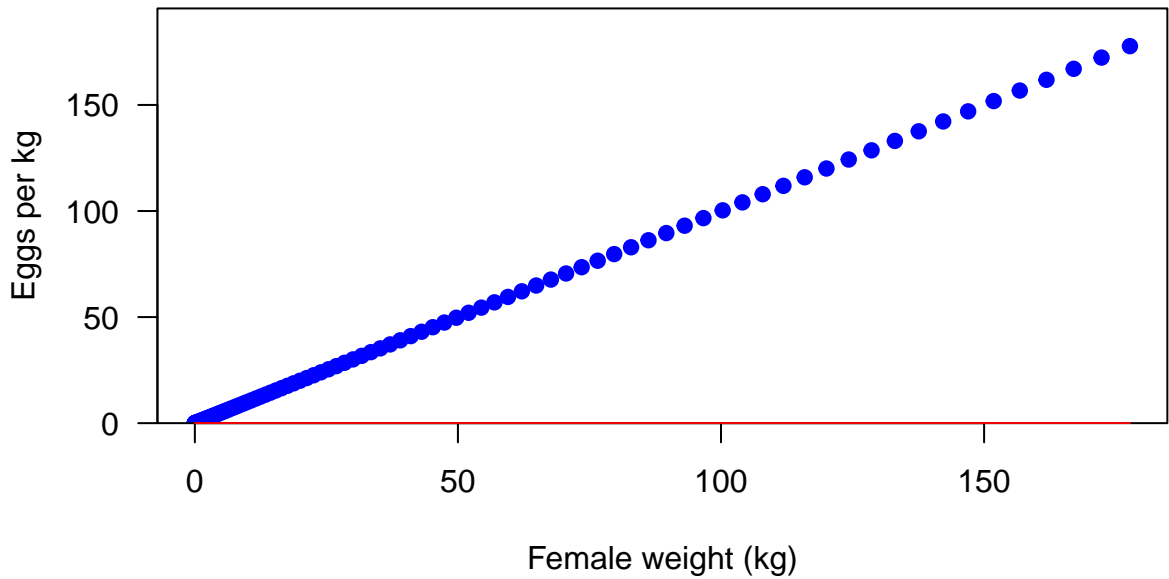


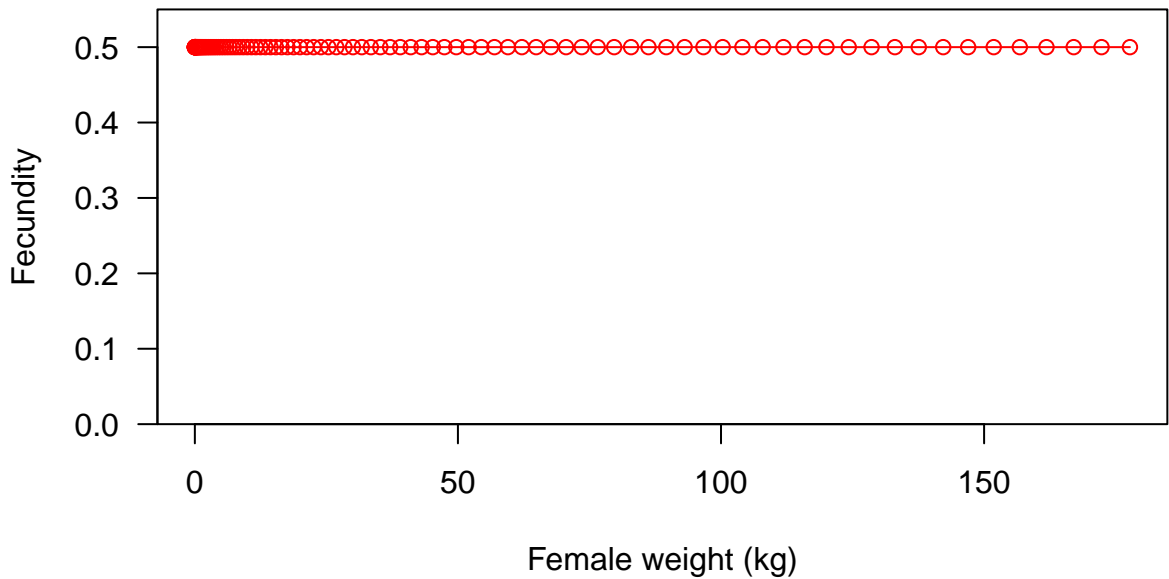


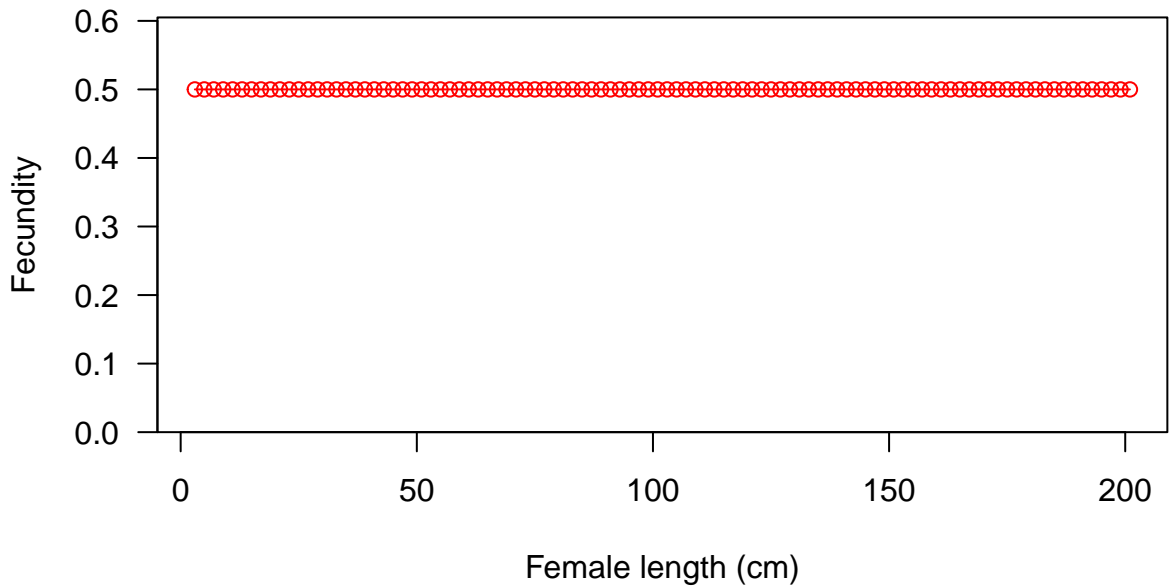


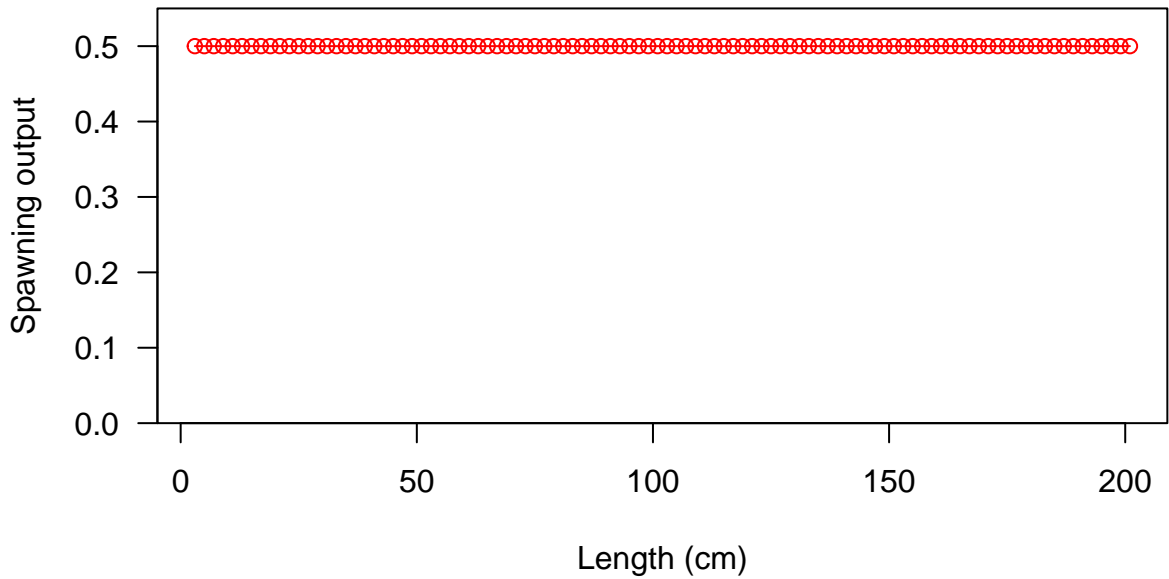




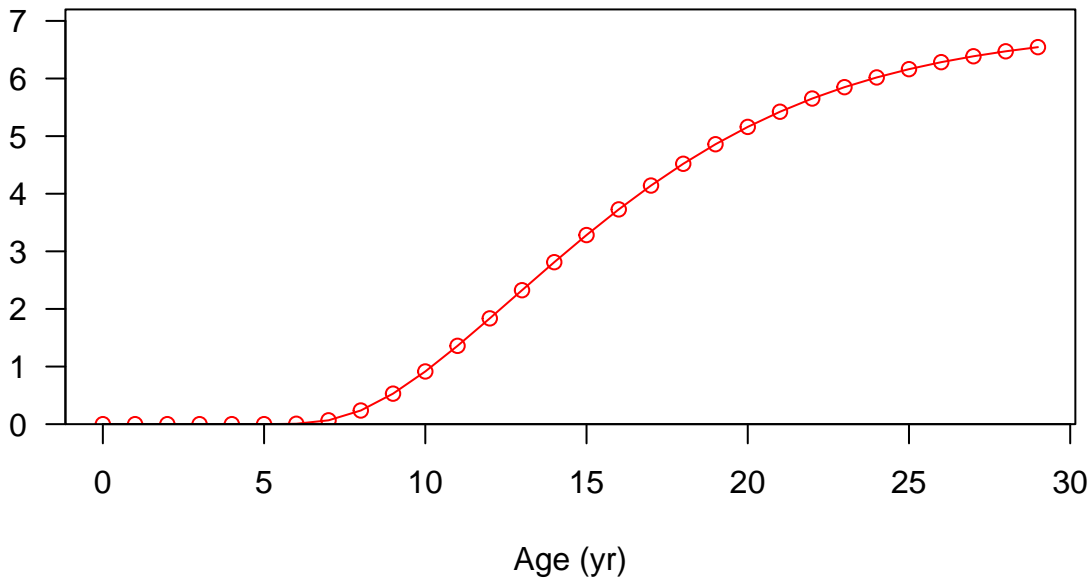




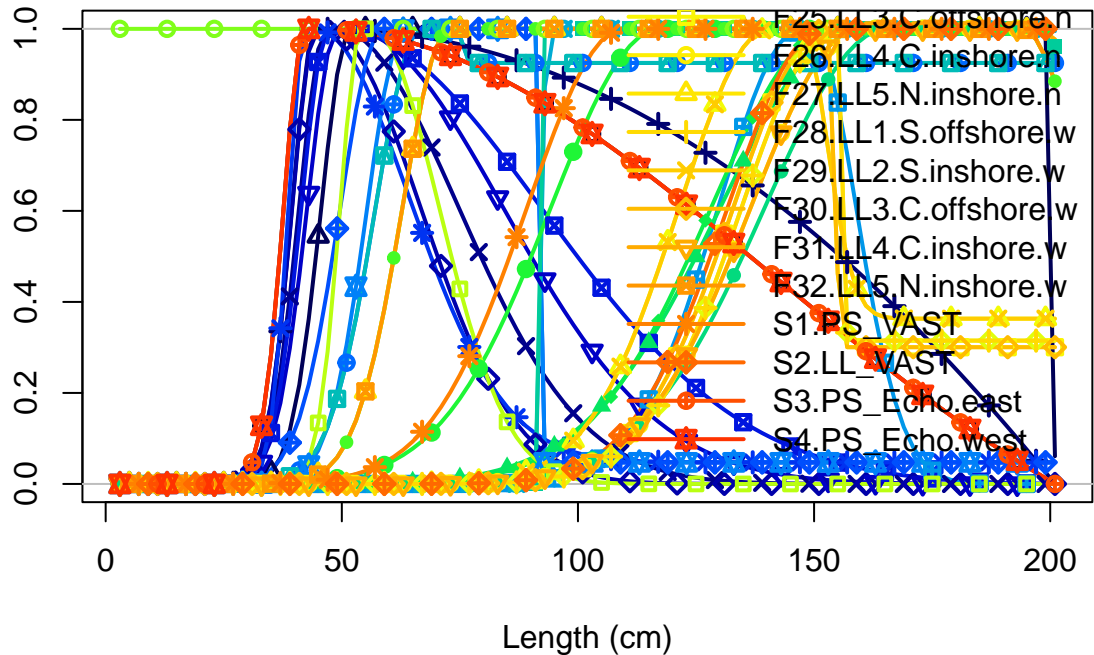




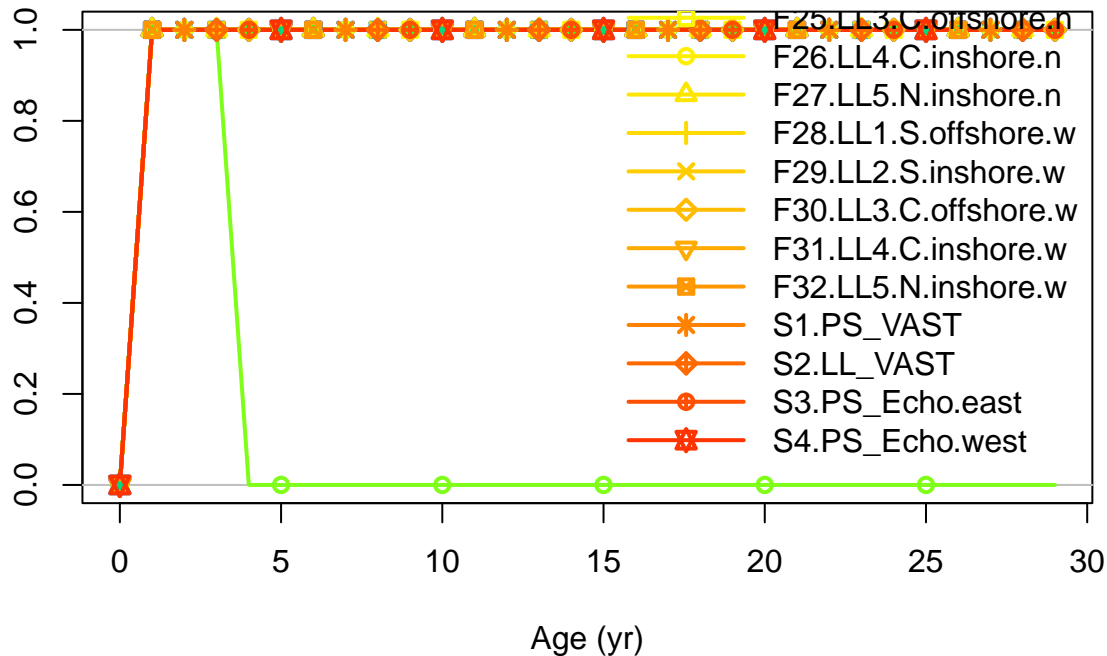
Spawning output



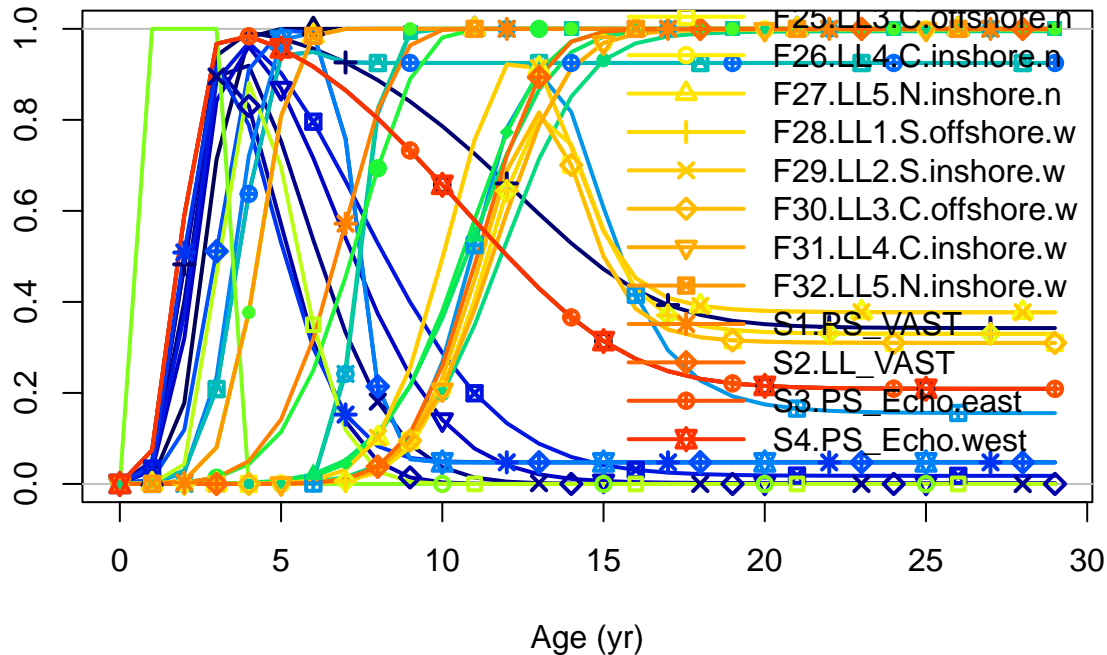
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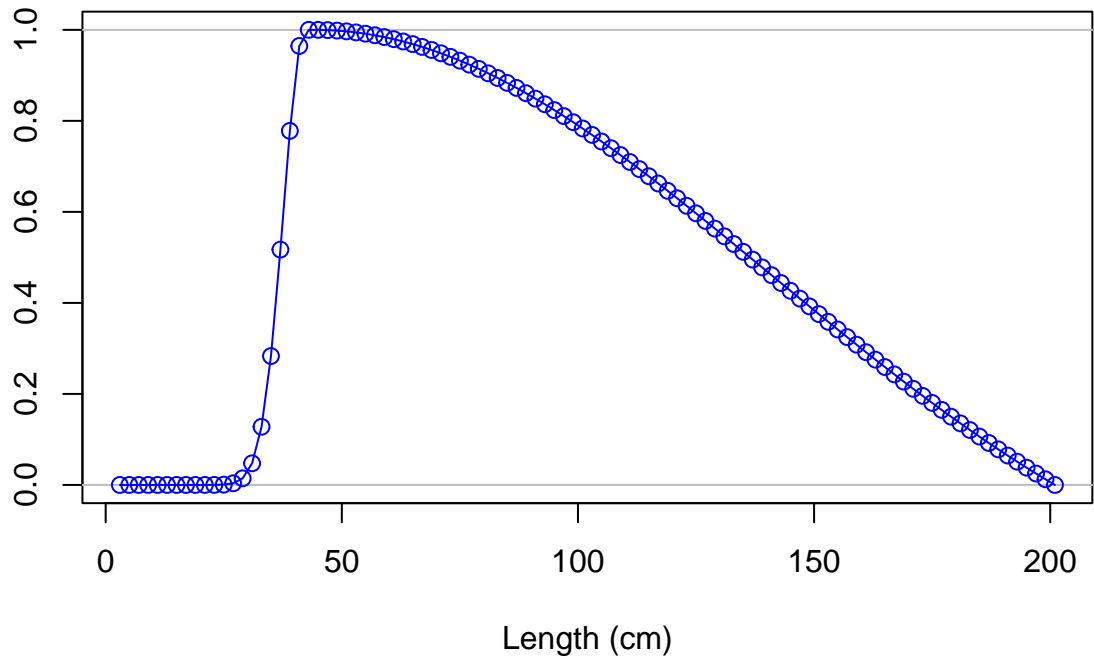
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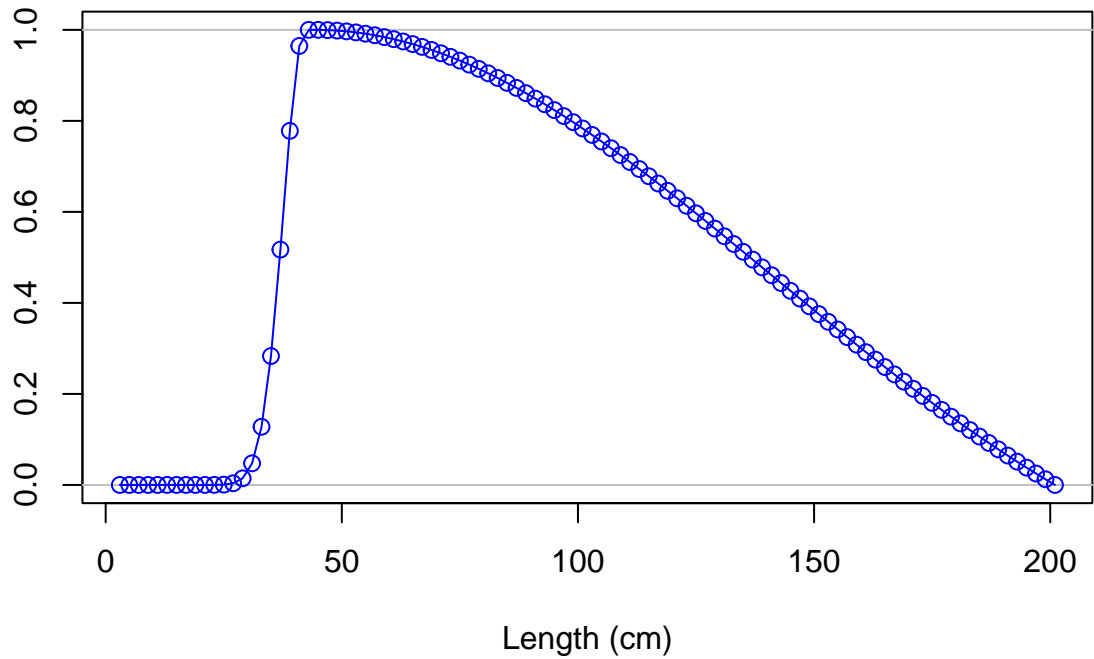
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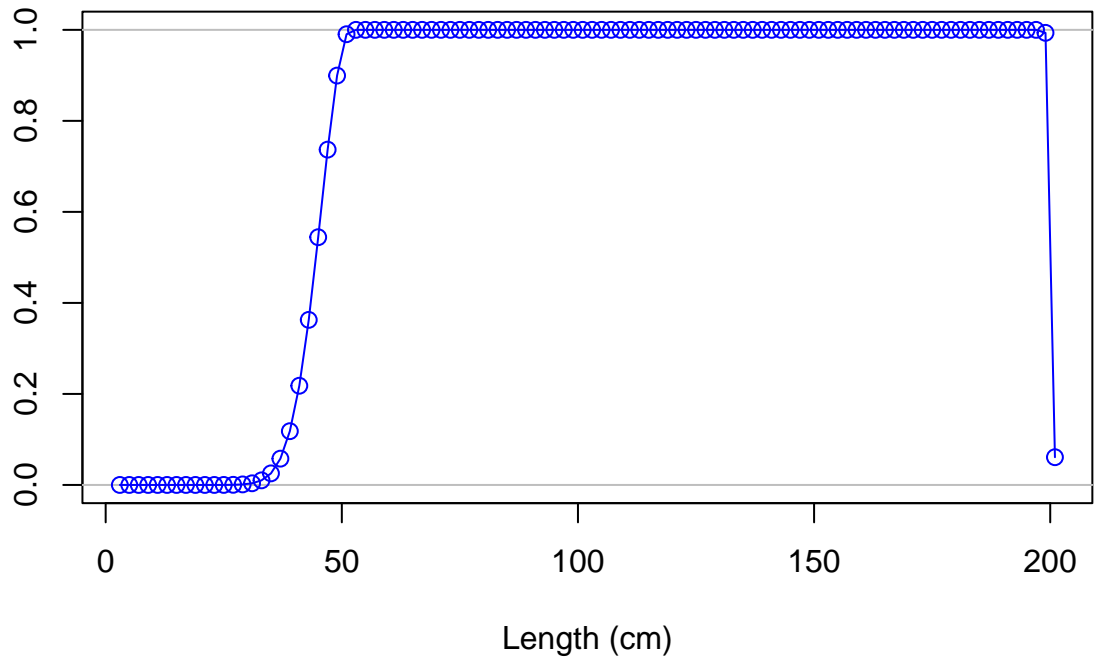
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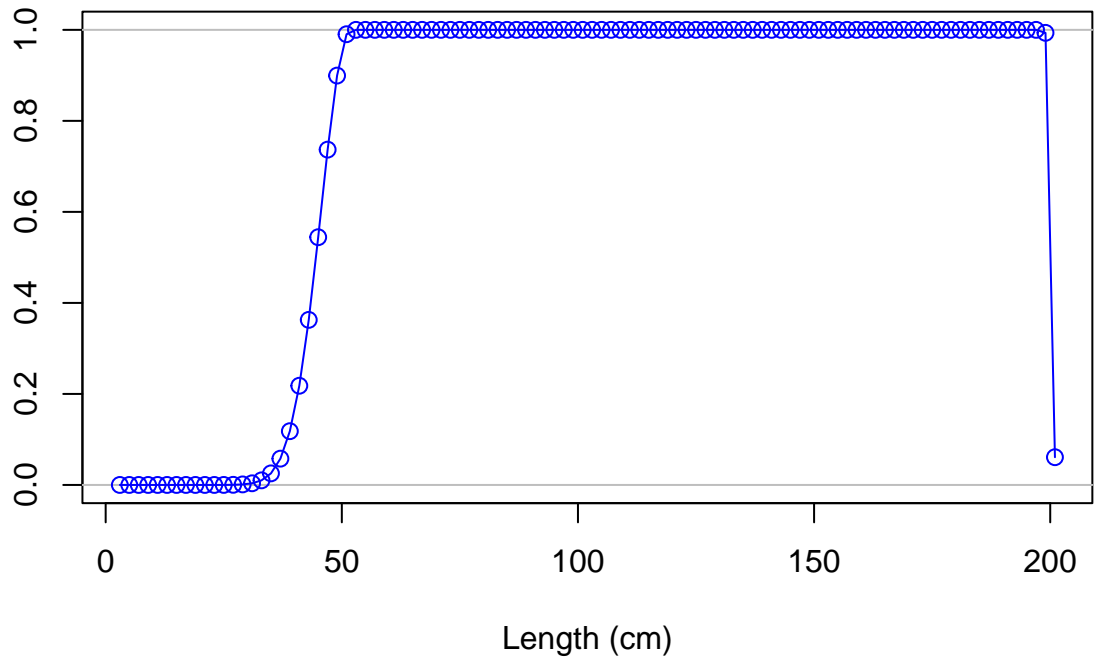
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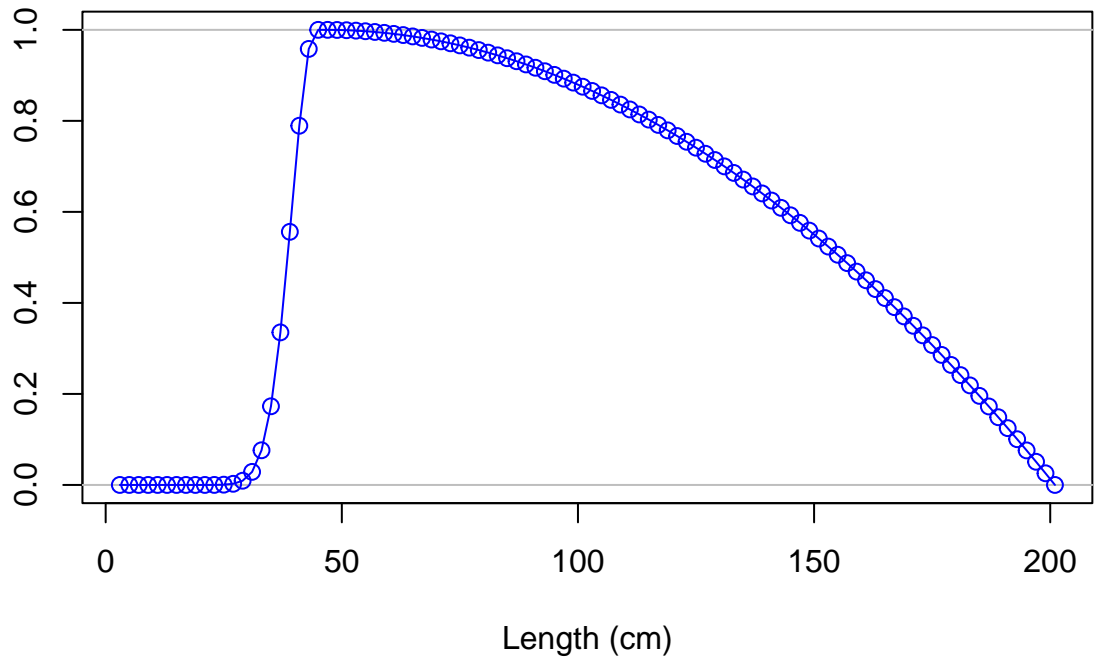
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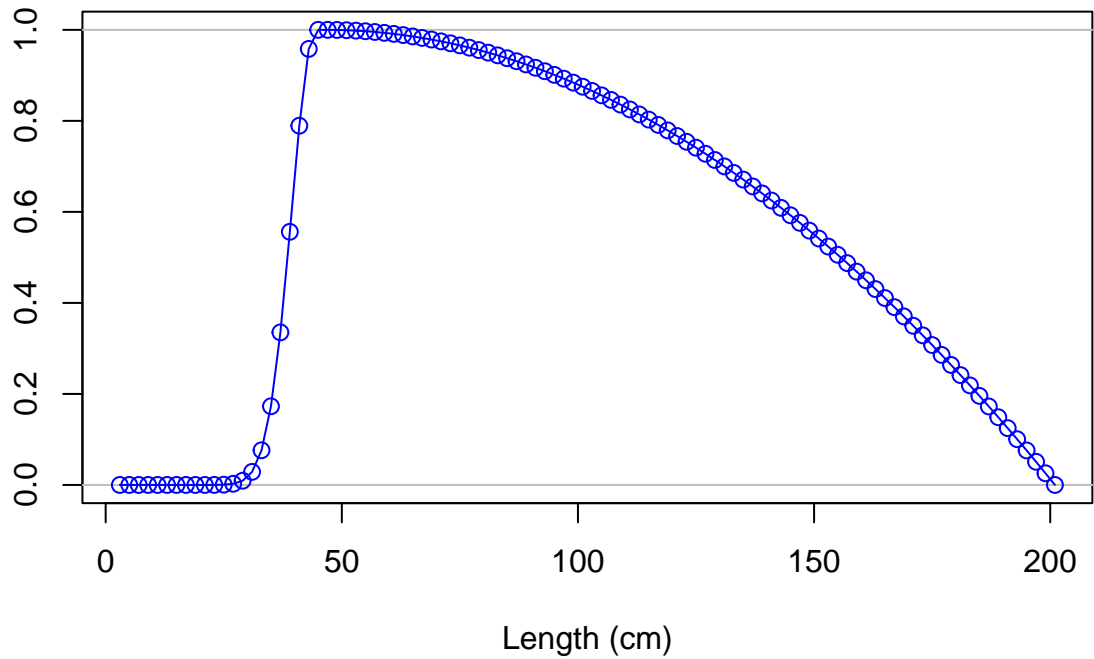
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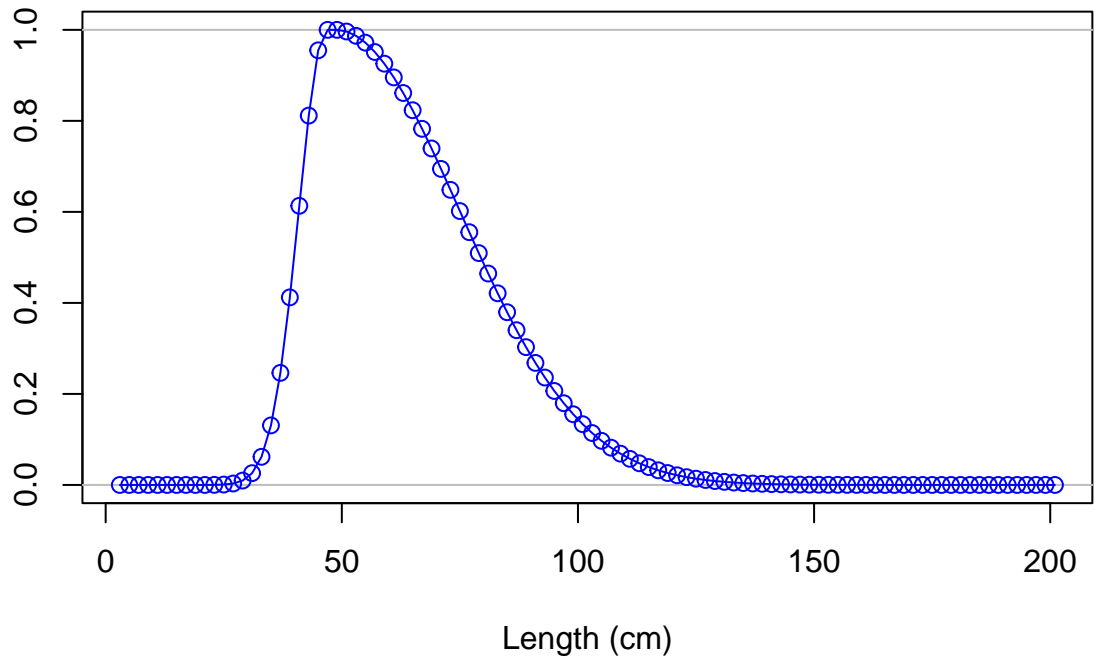
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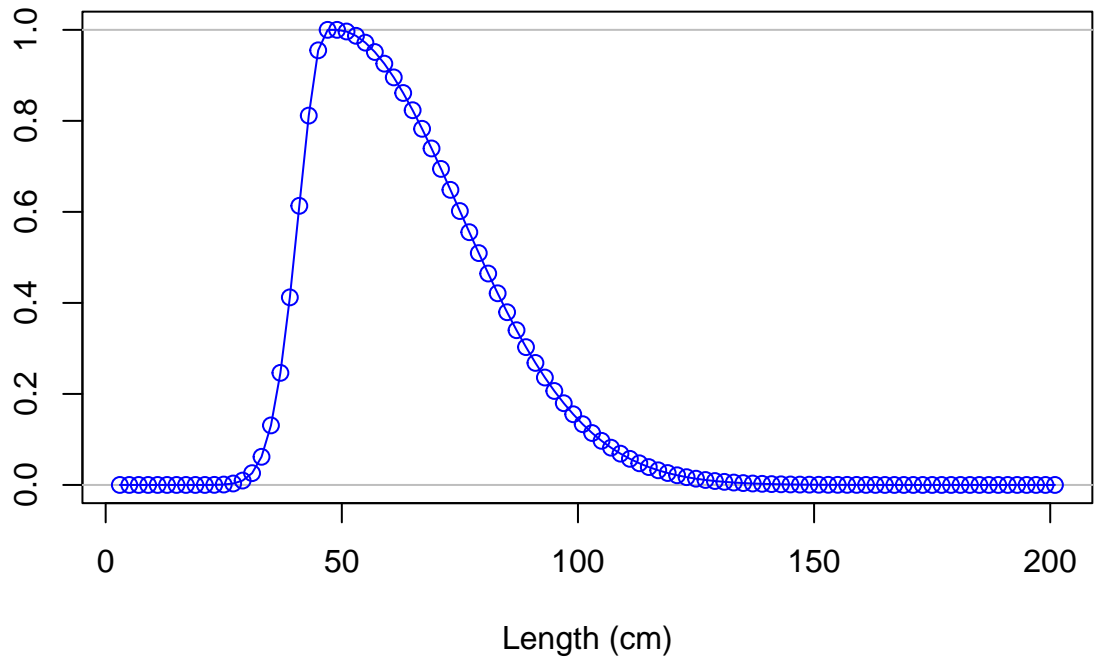
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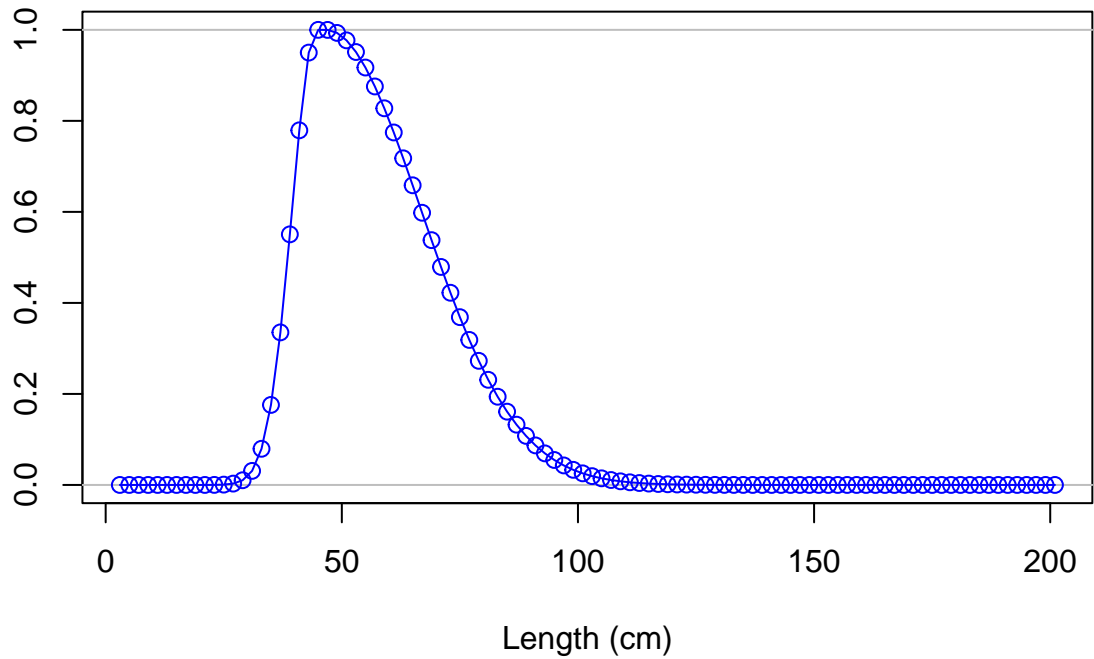
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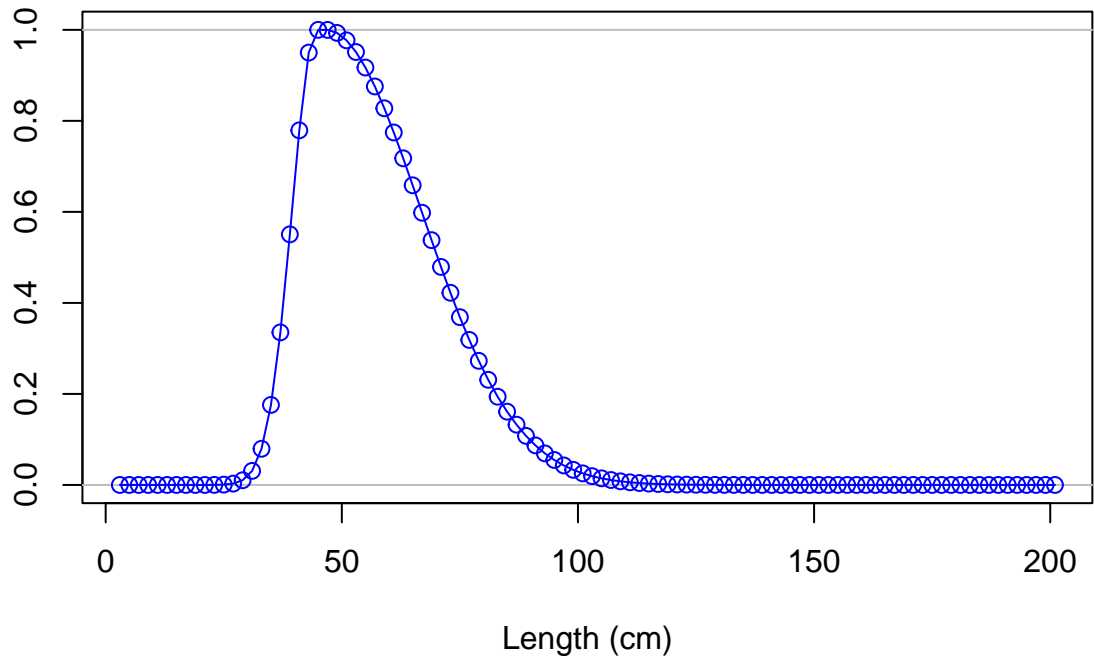
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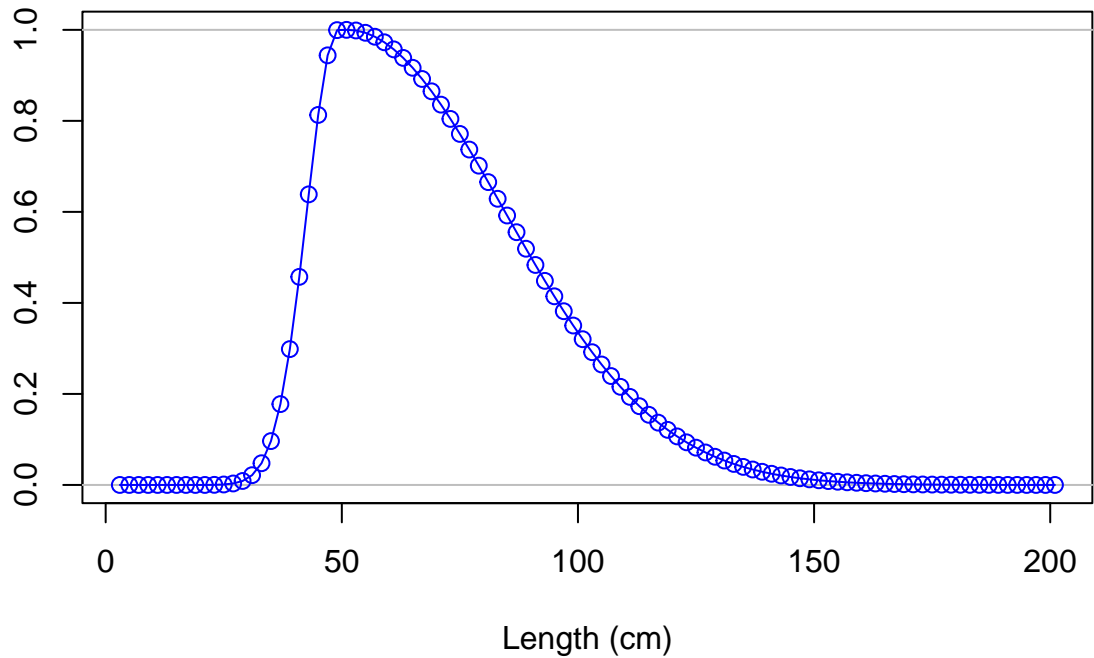
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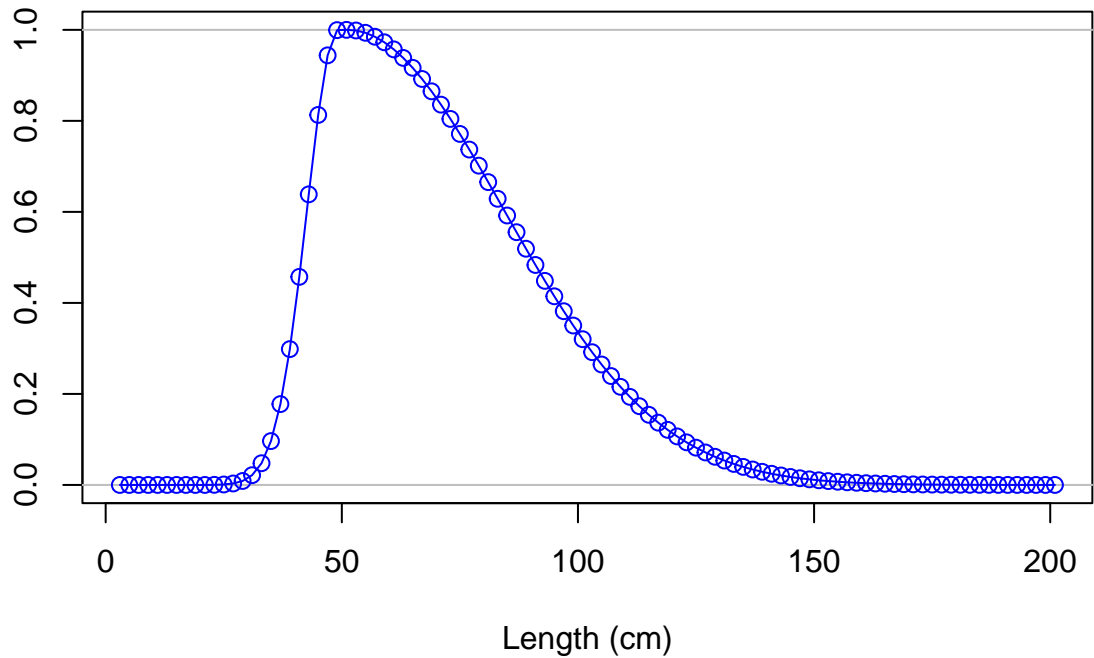
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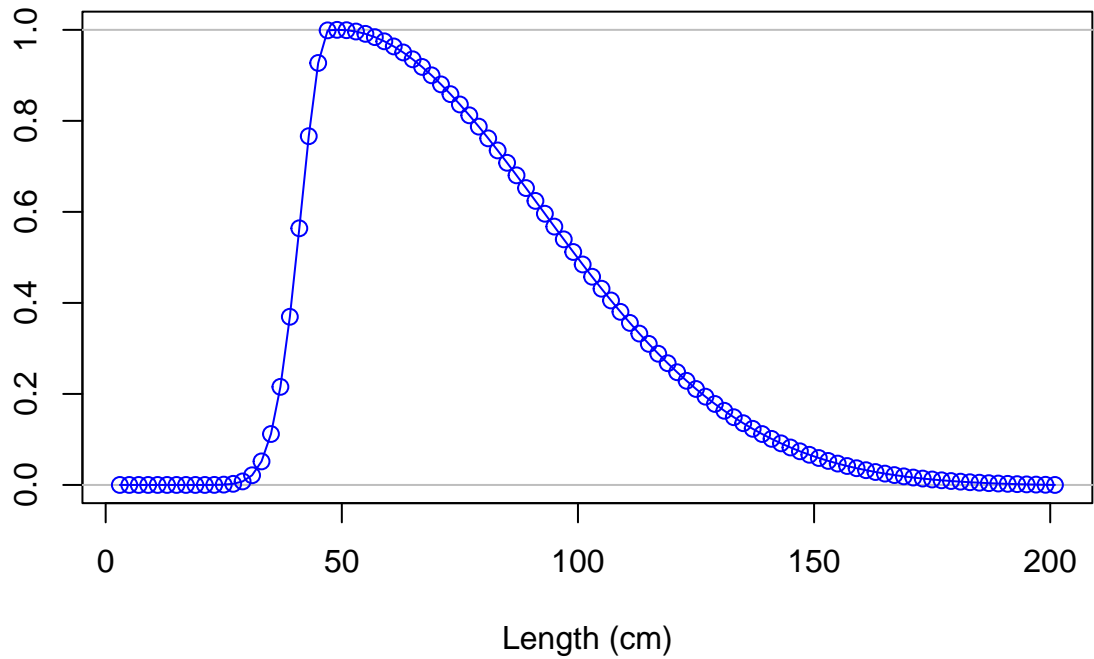
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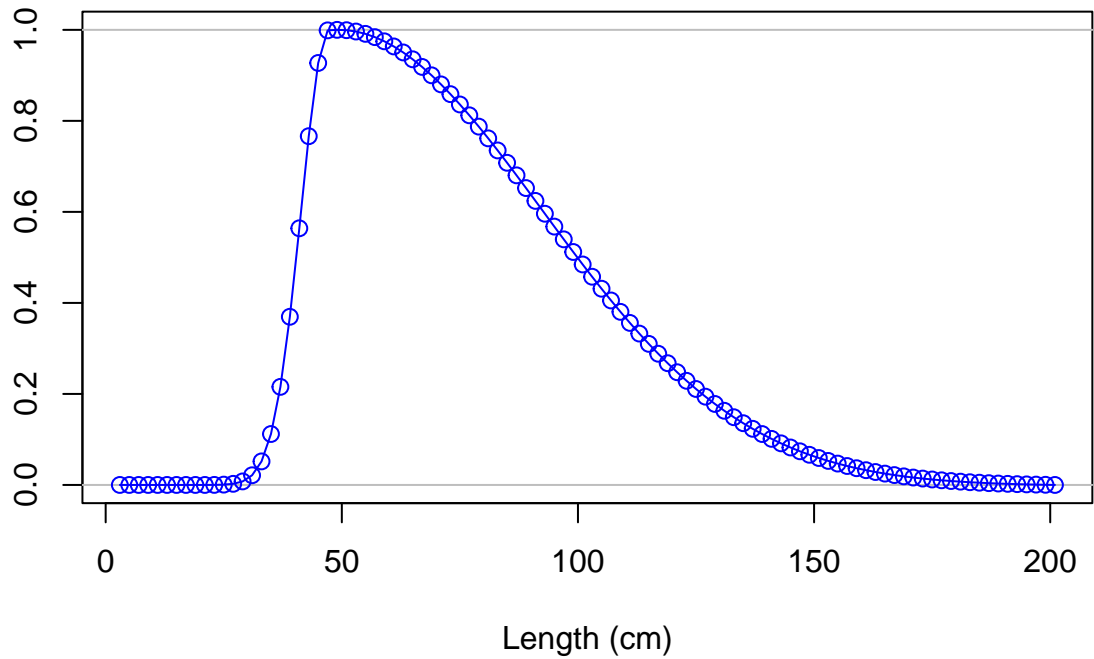
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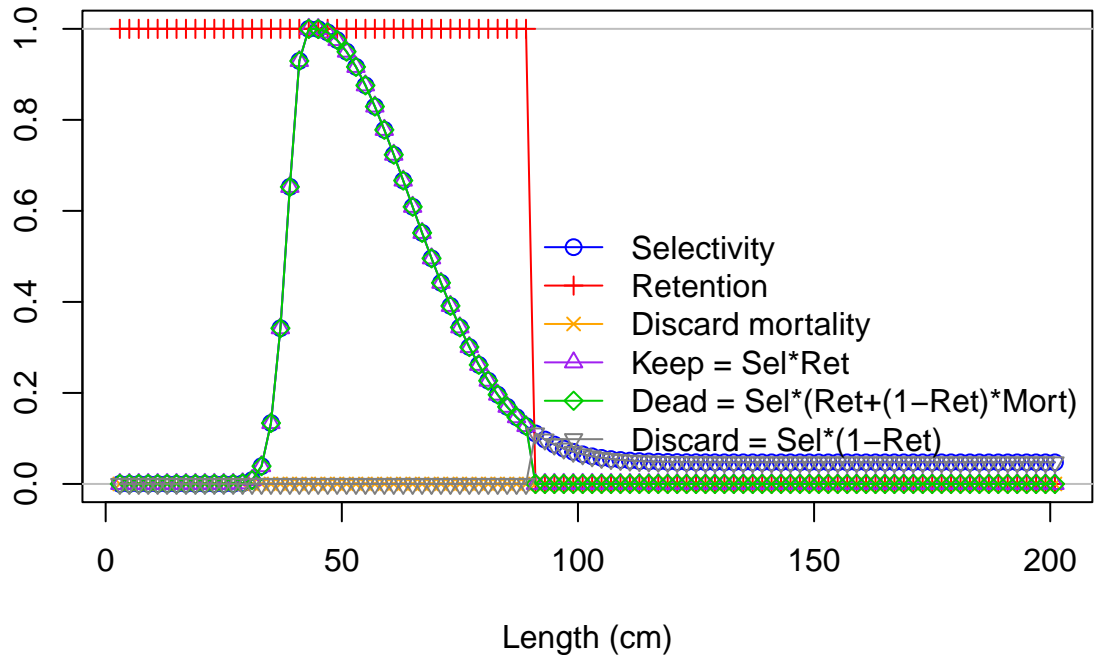
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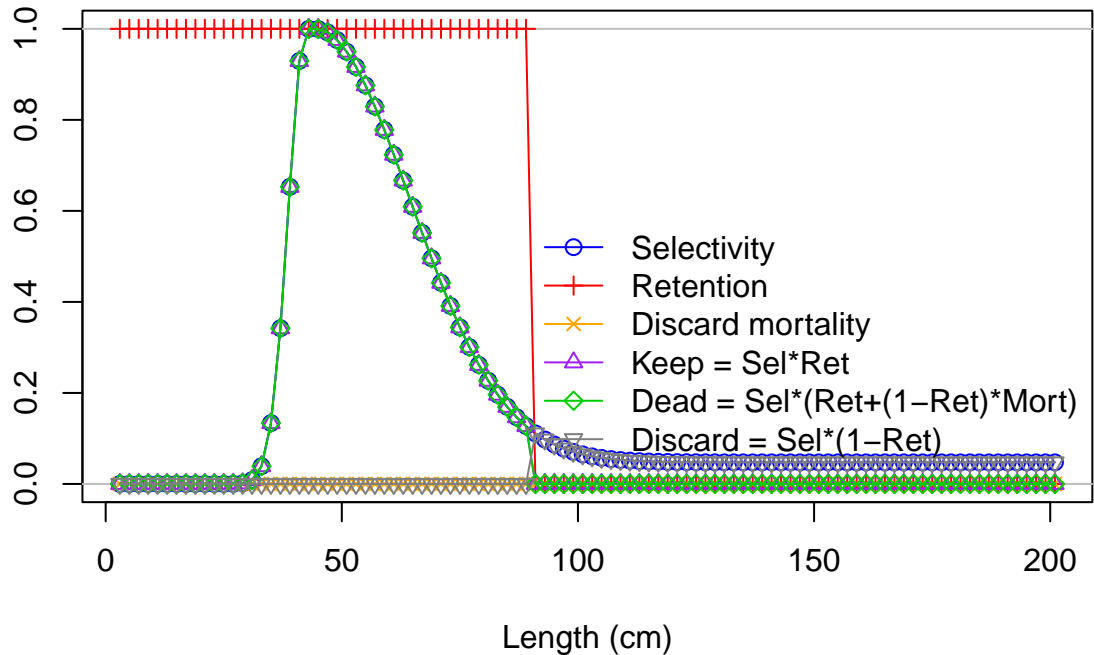
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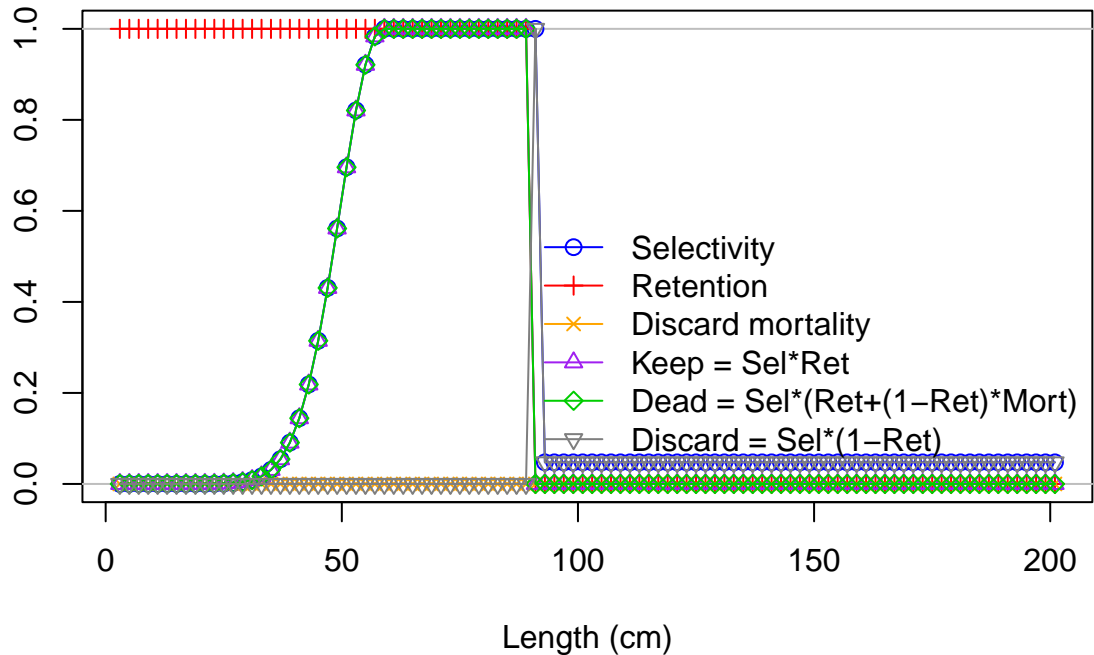
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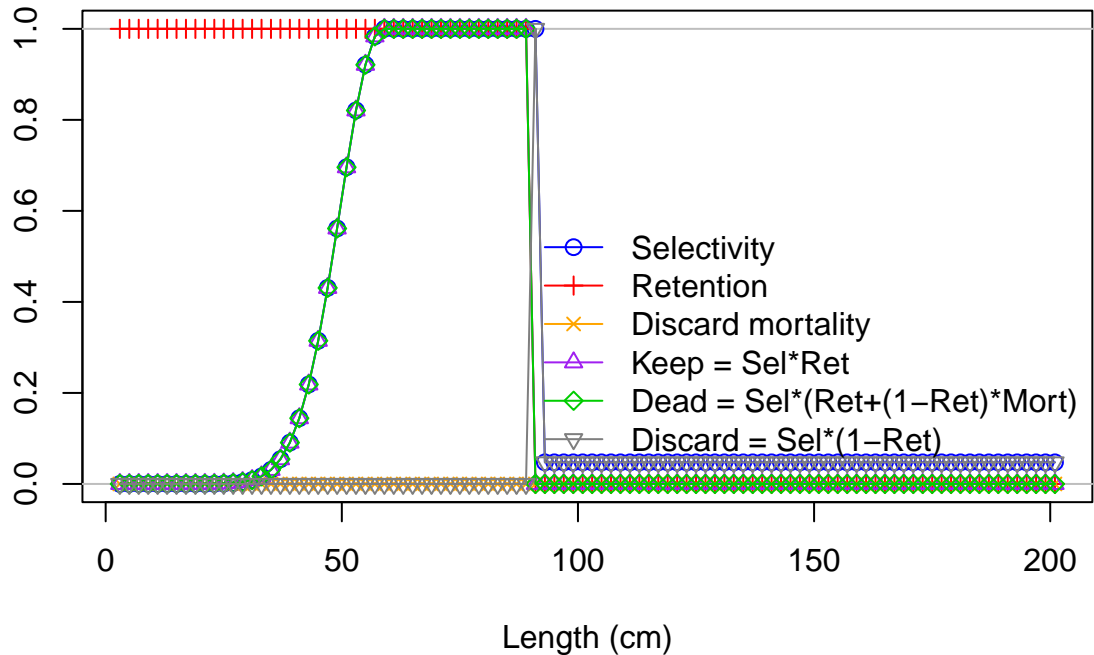
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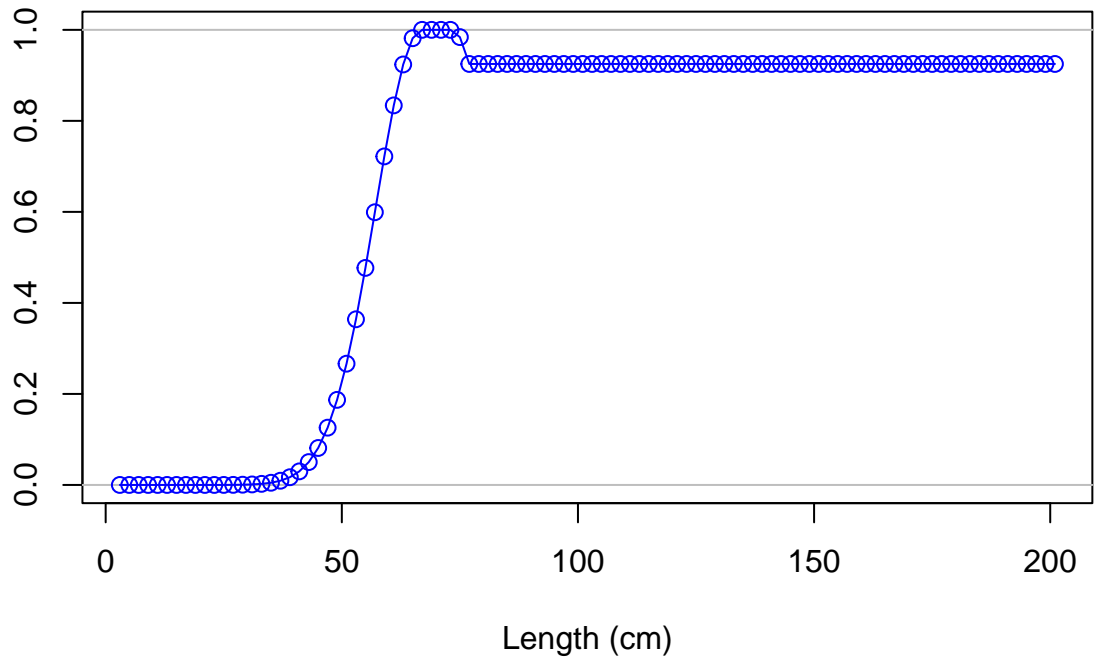
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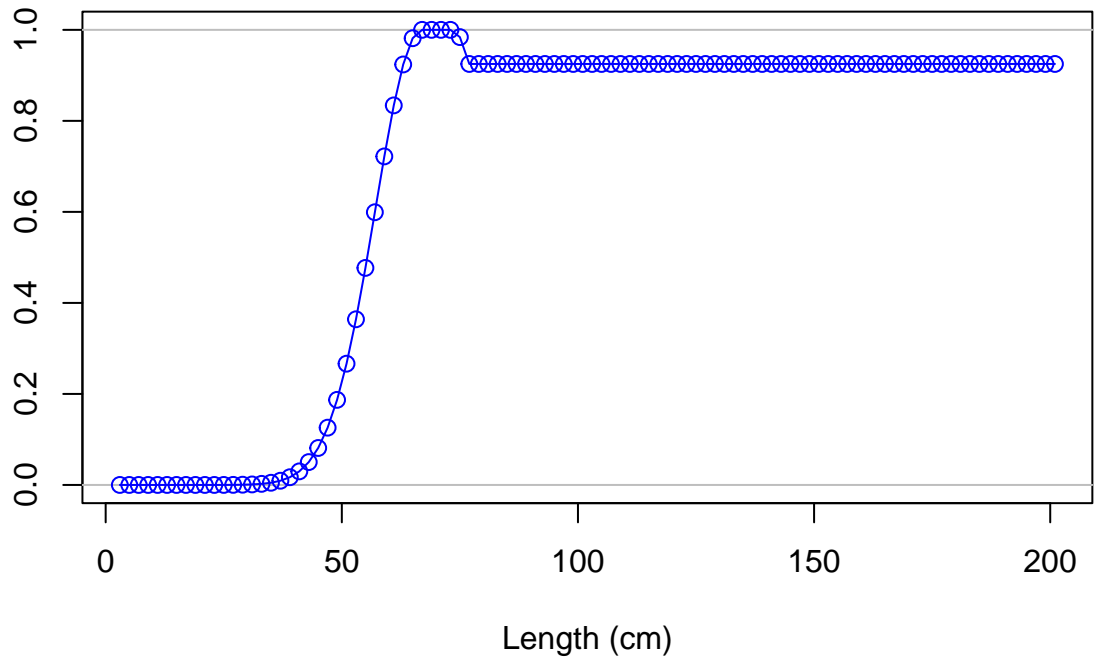
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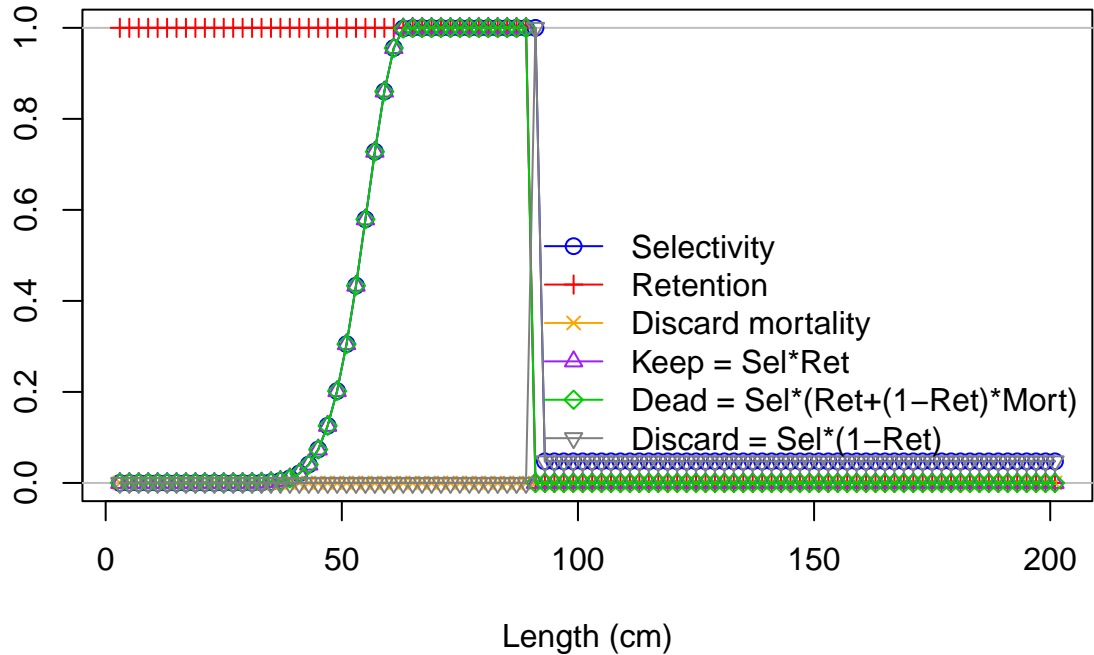
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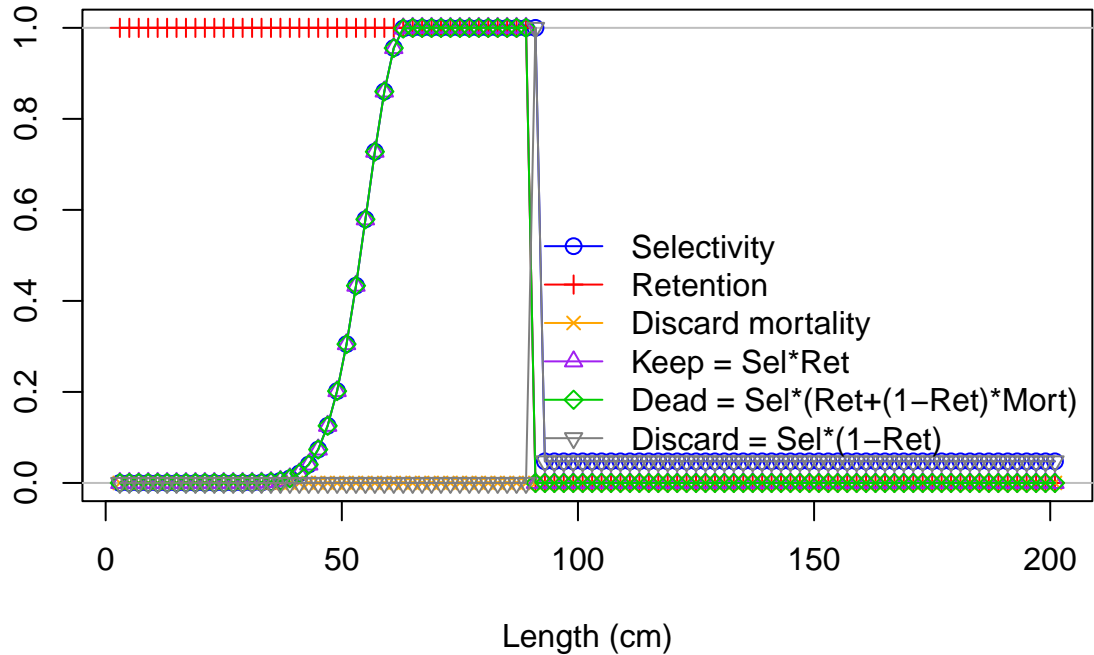
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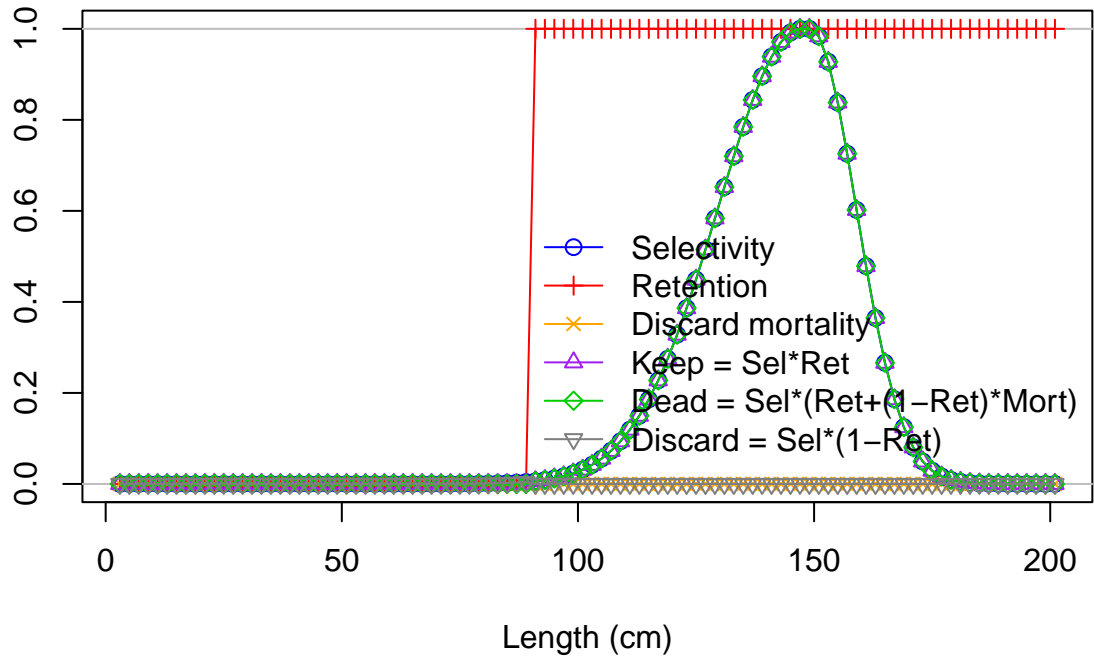
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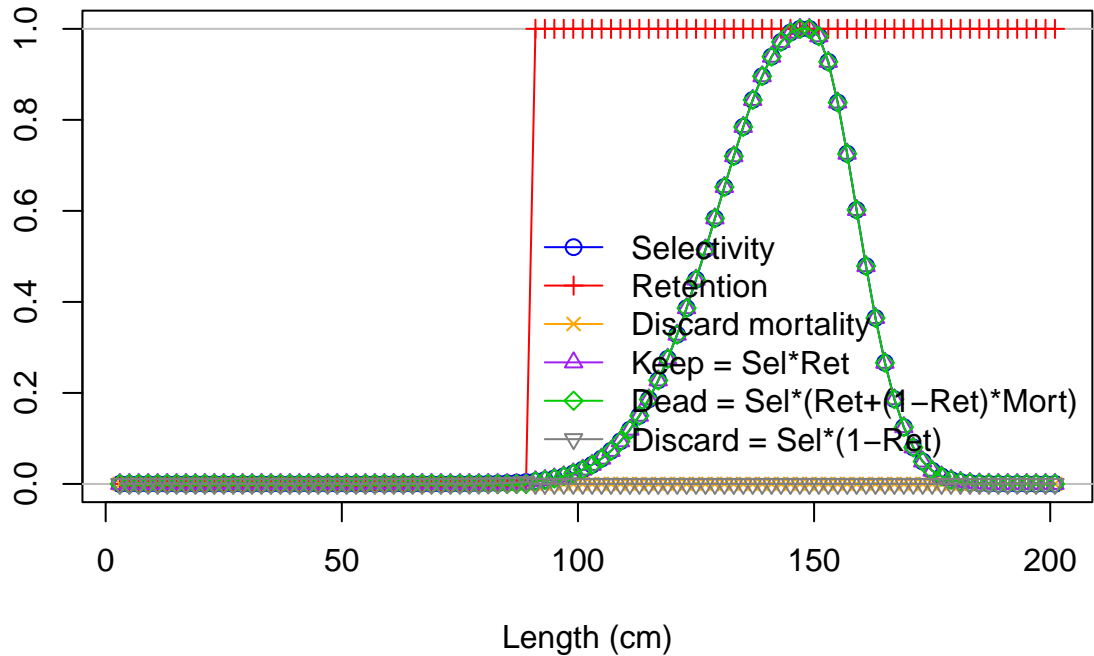
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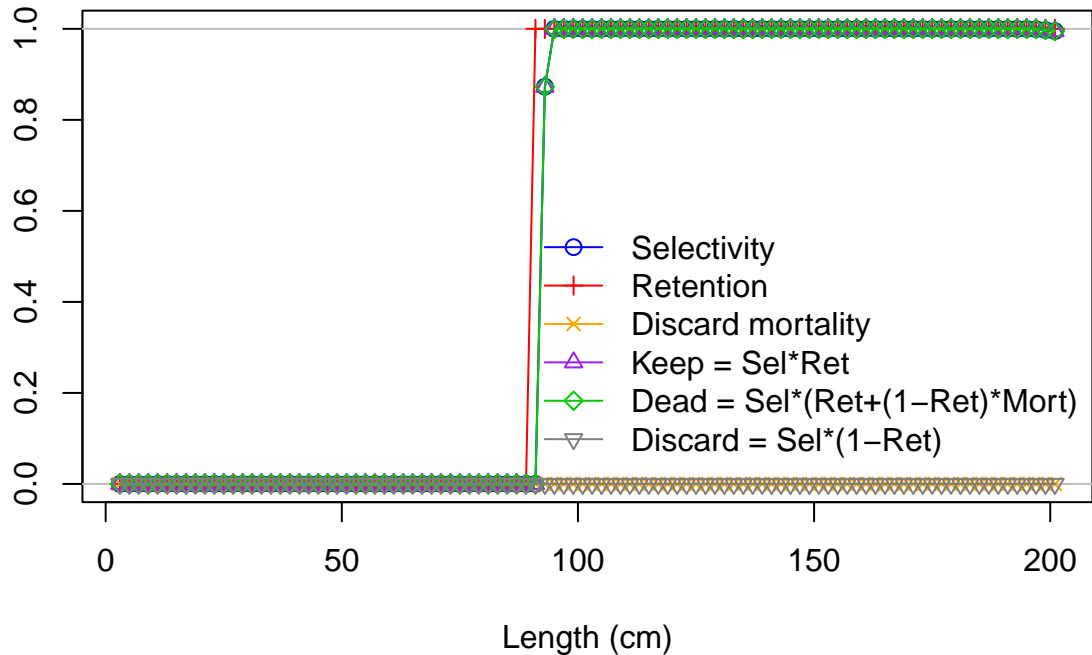
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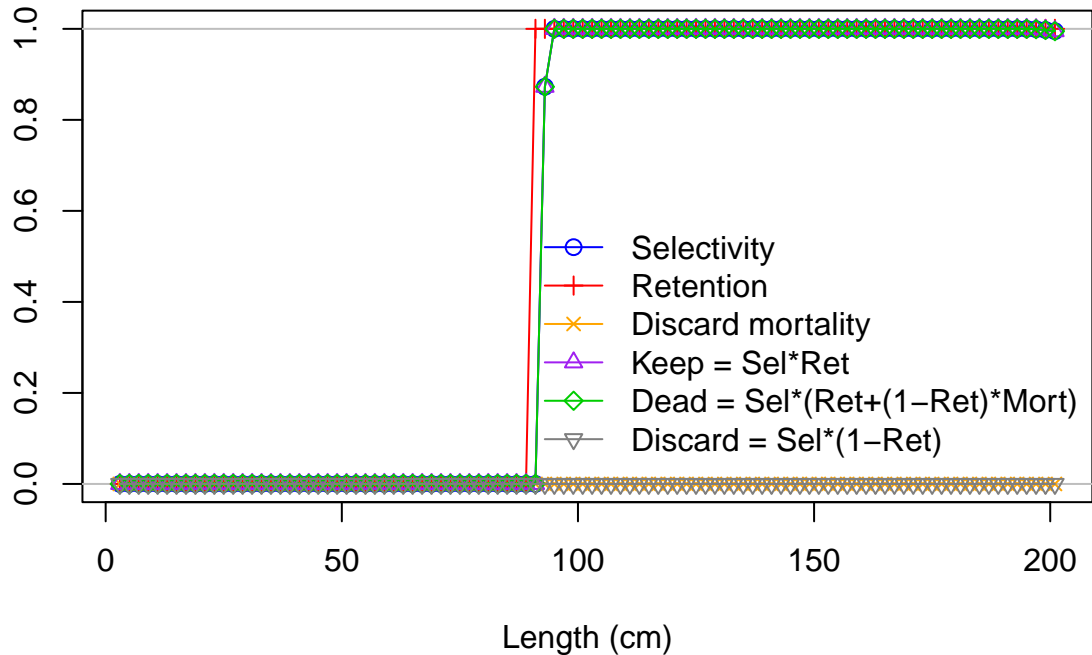
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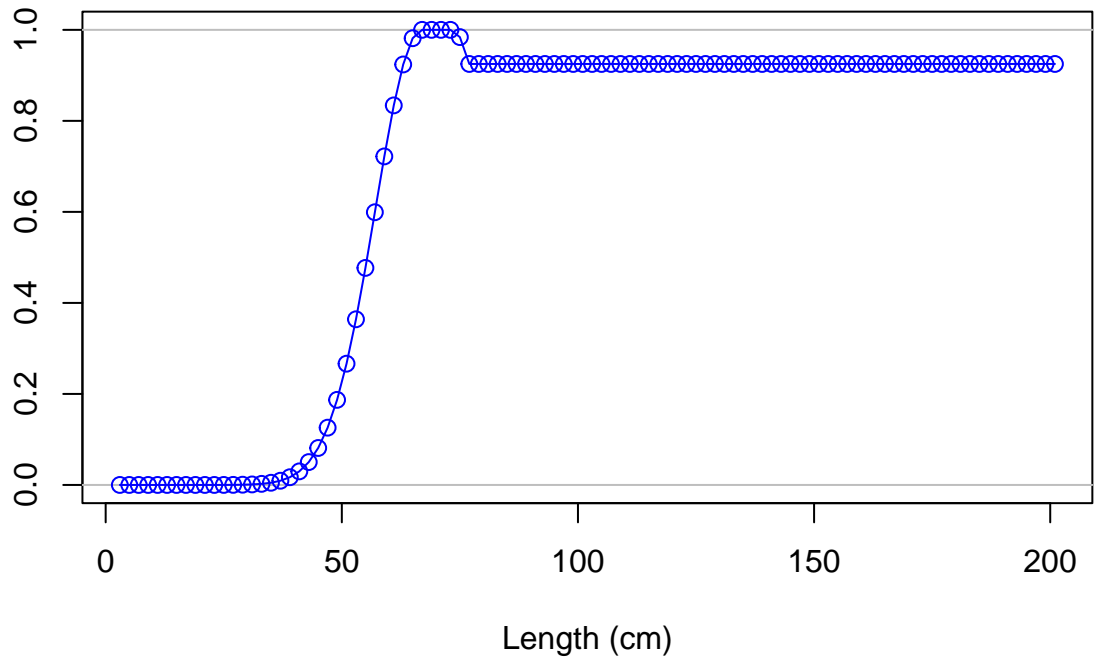
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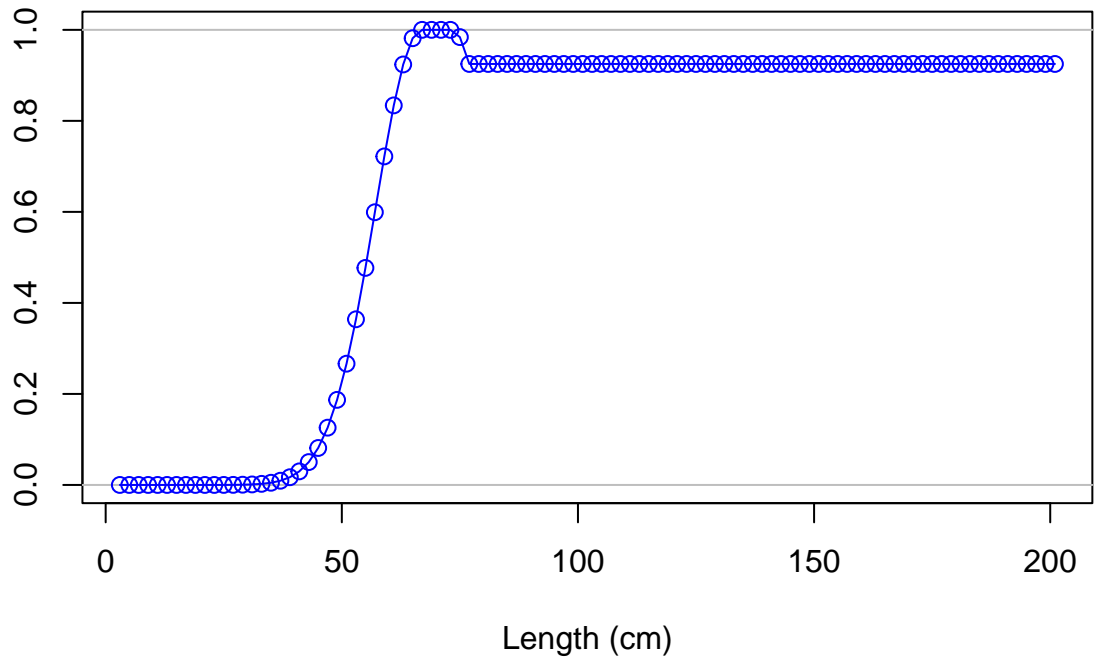
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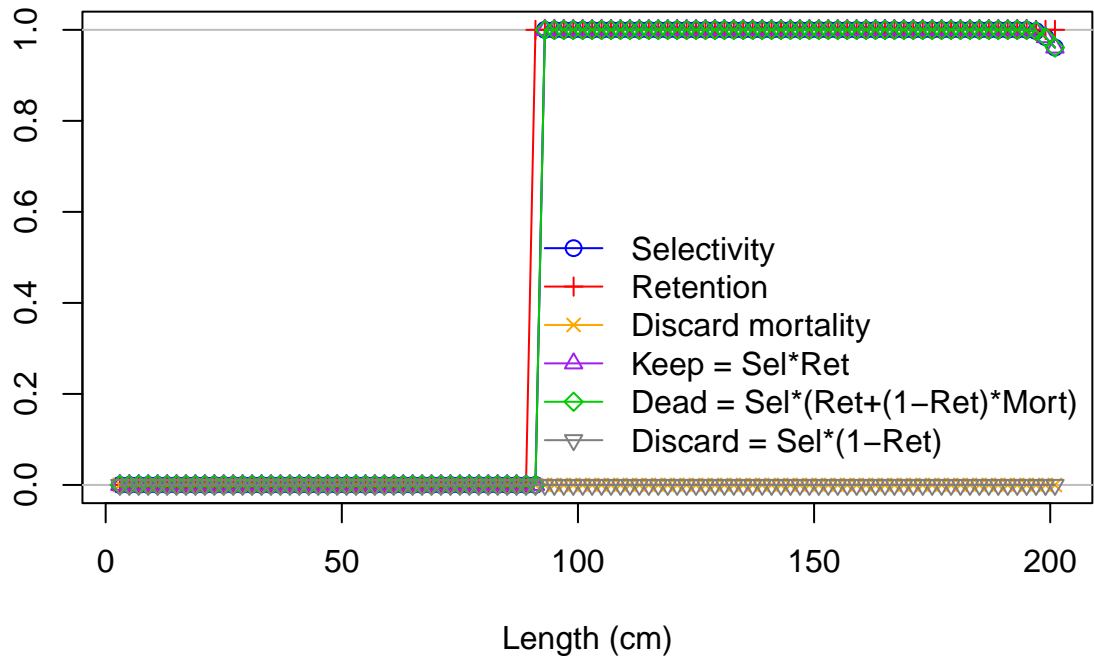
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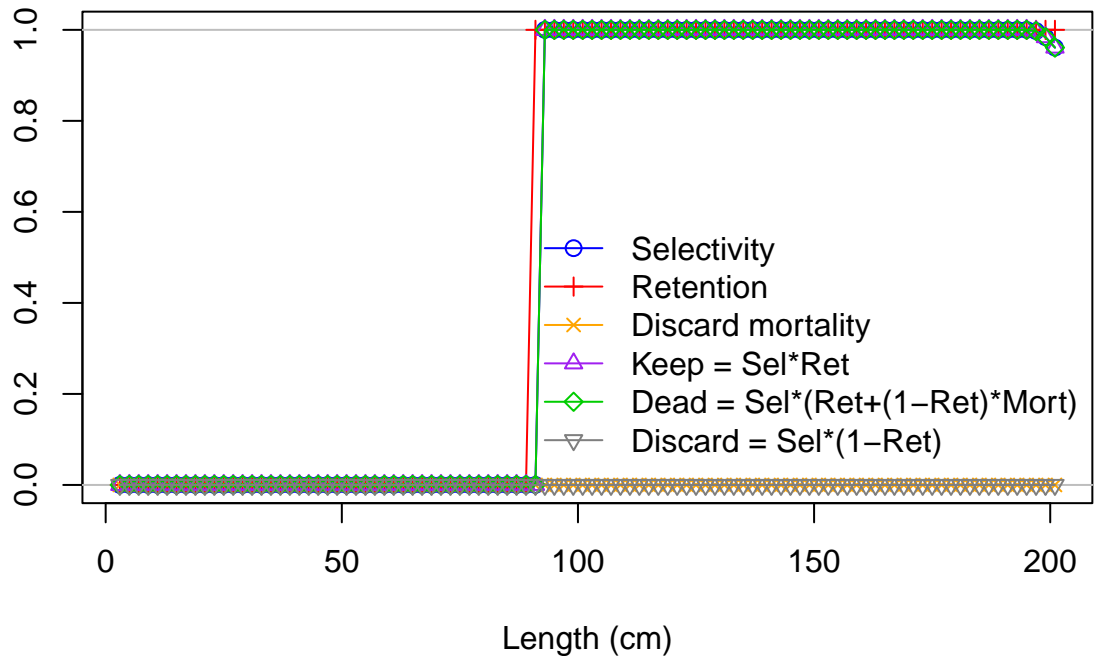
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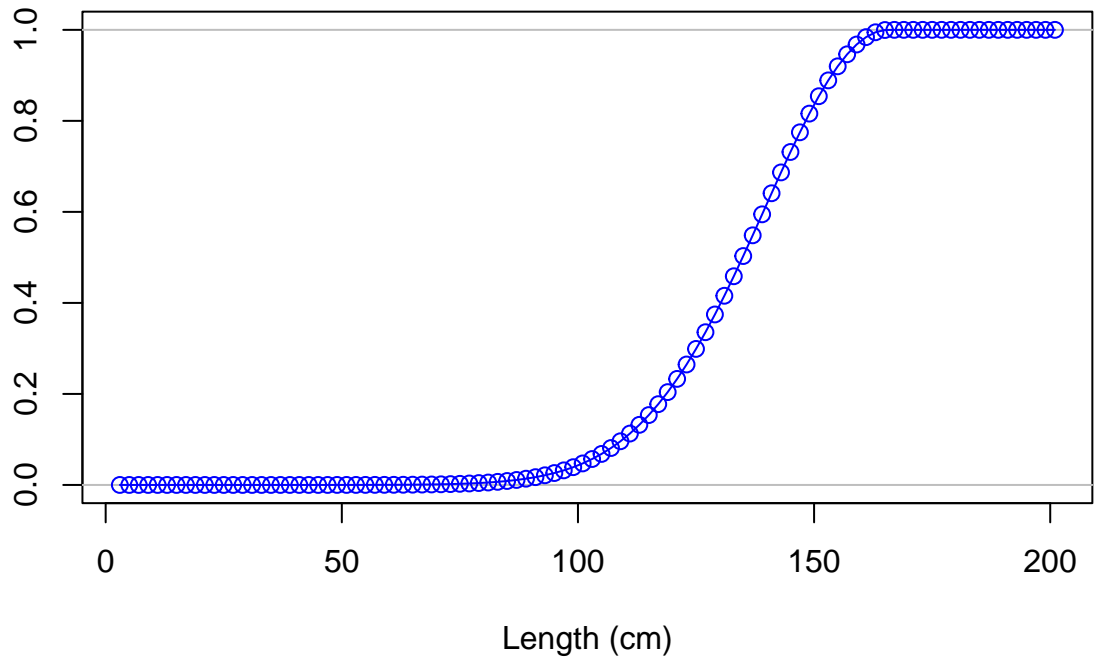
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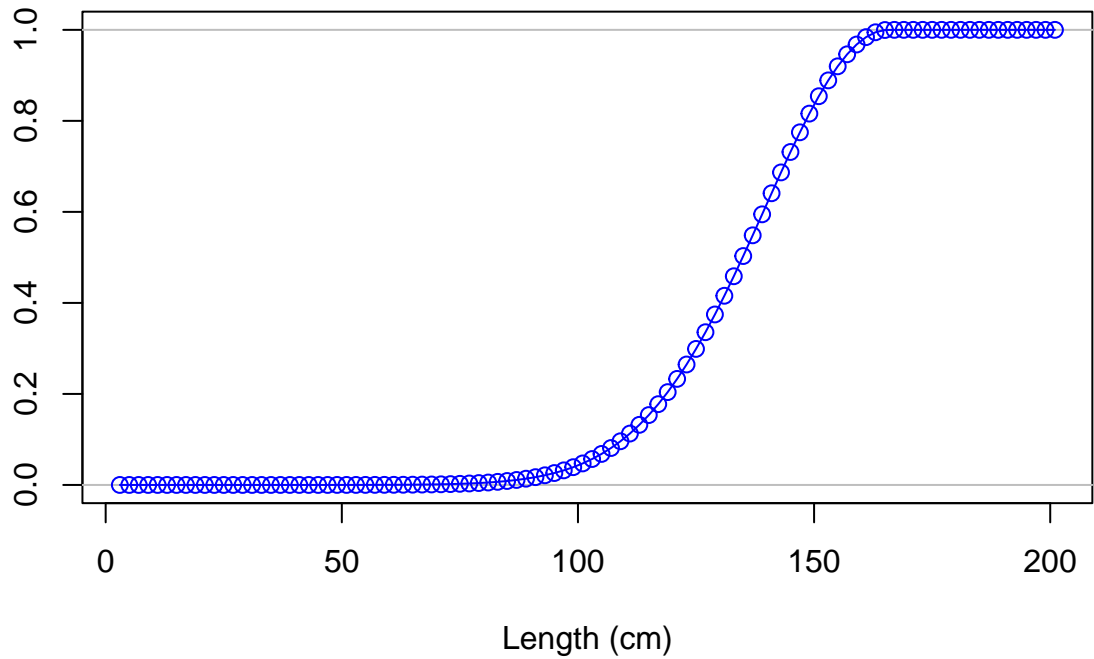
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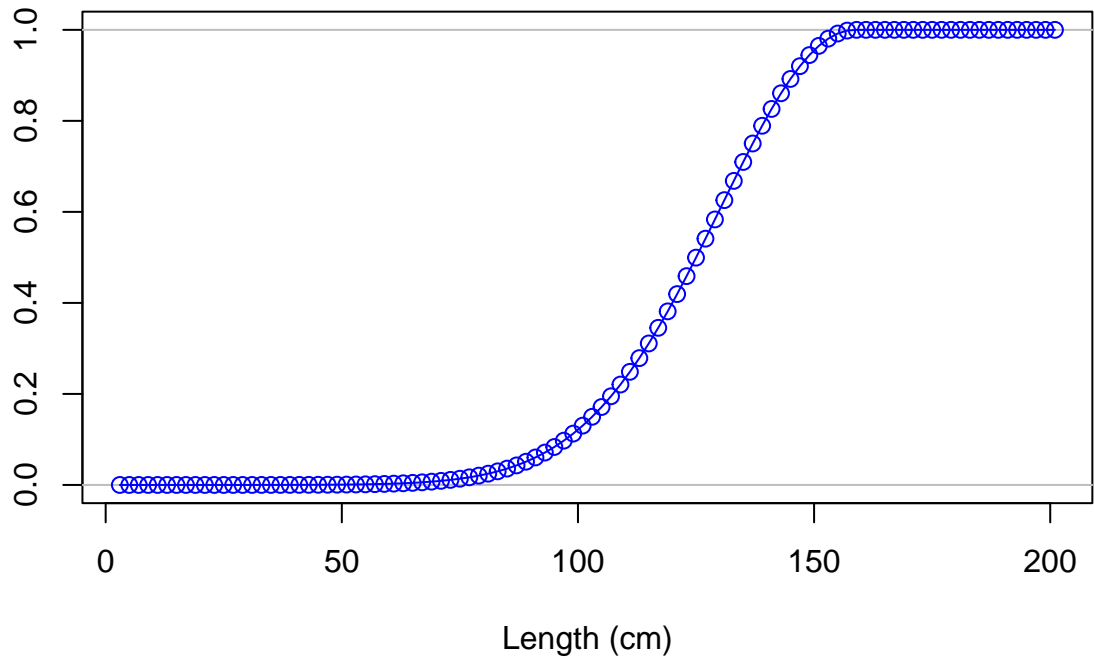
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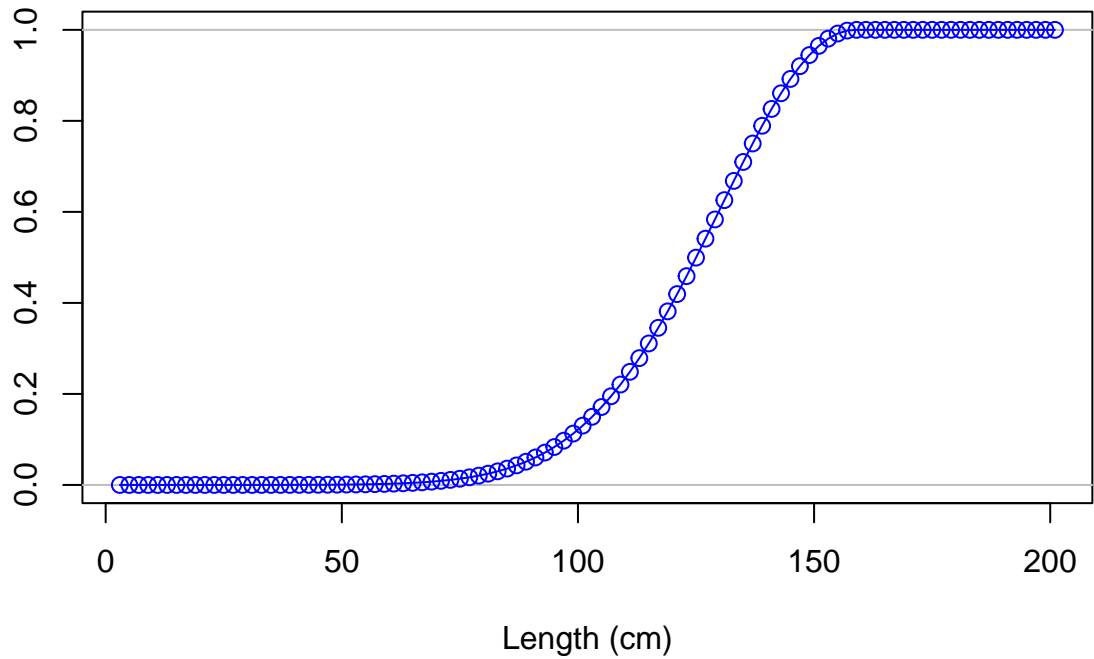
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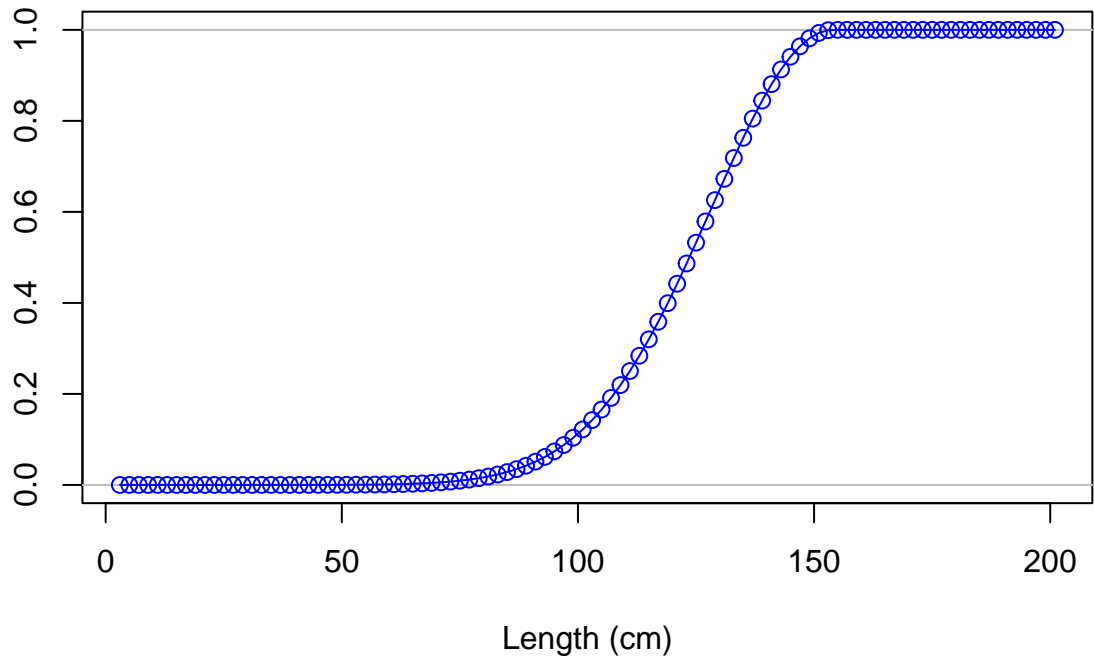
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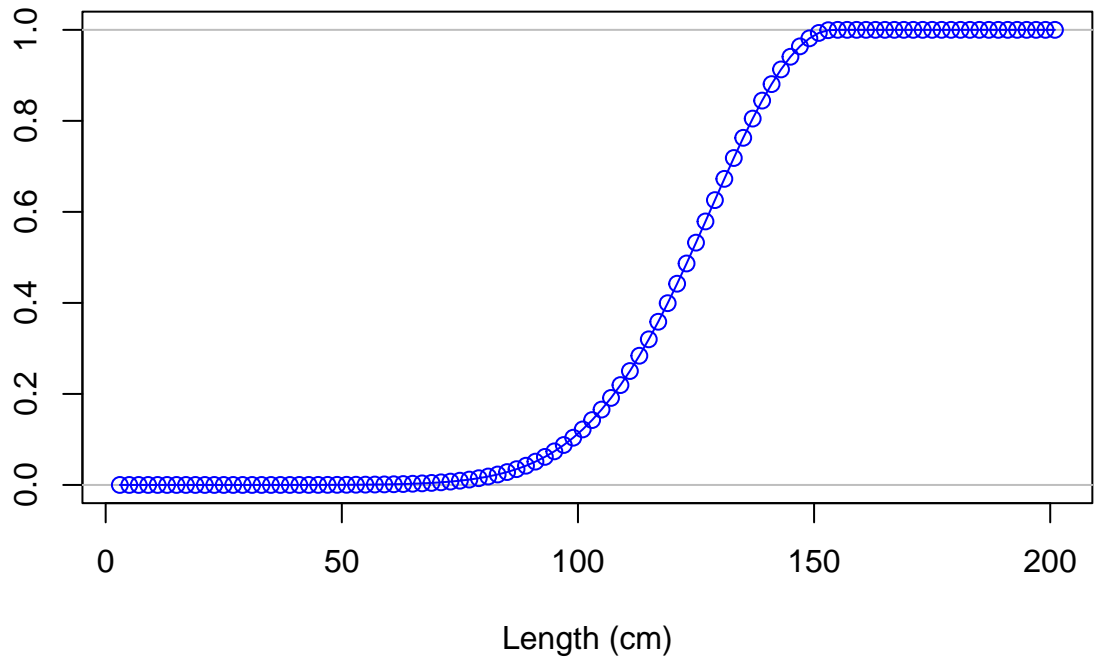
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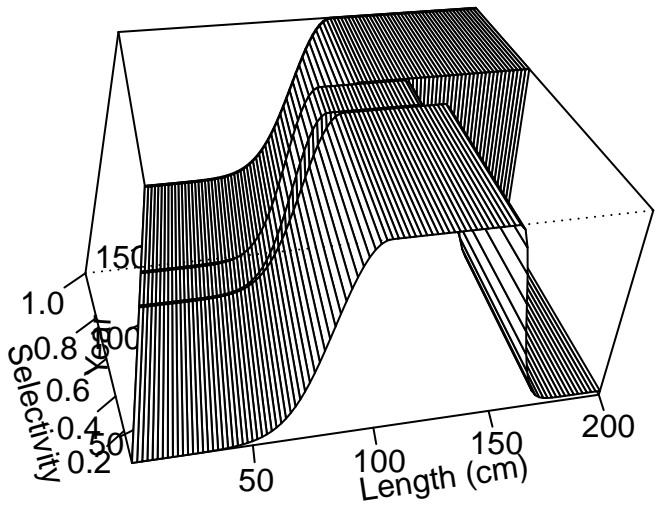


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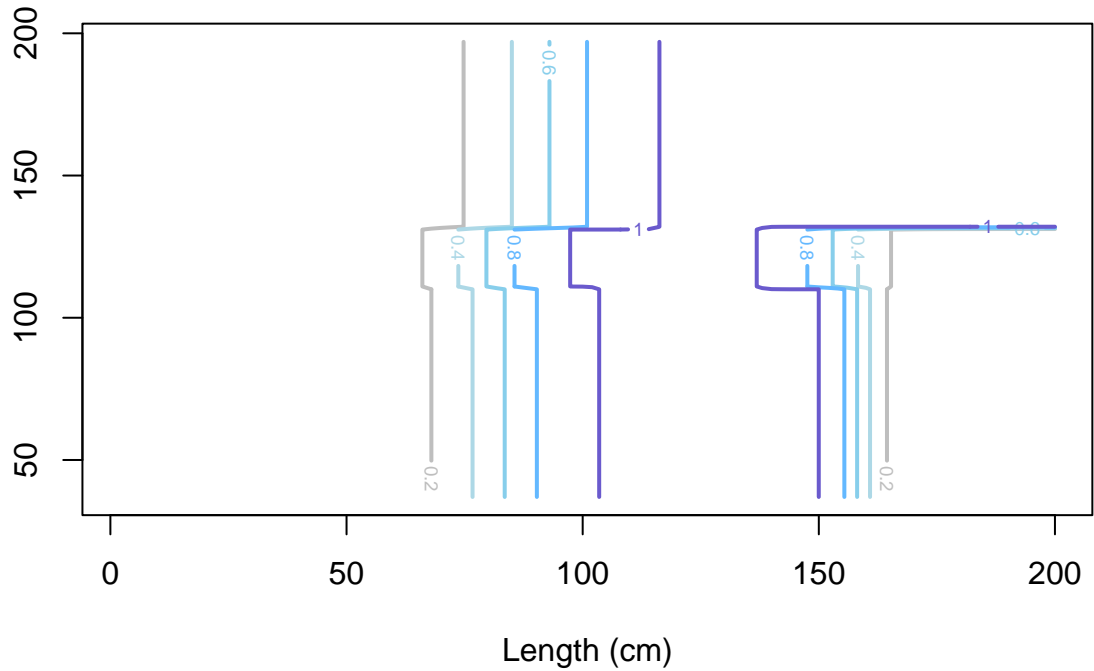


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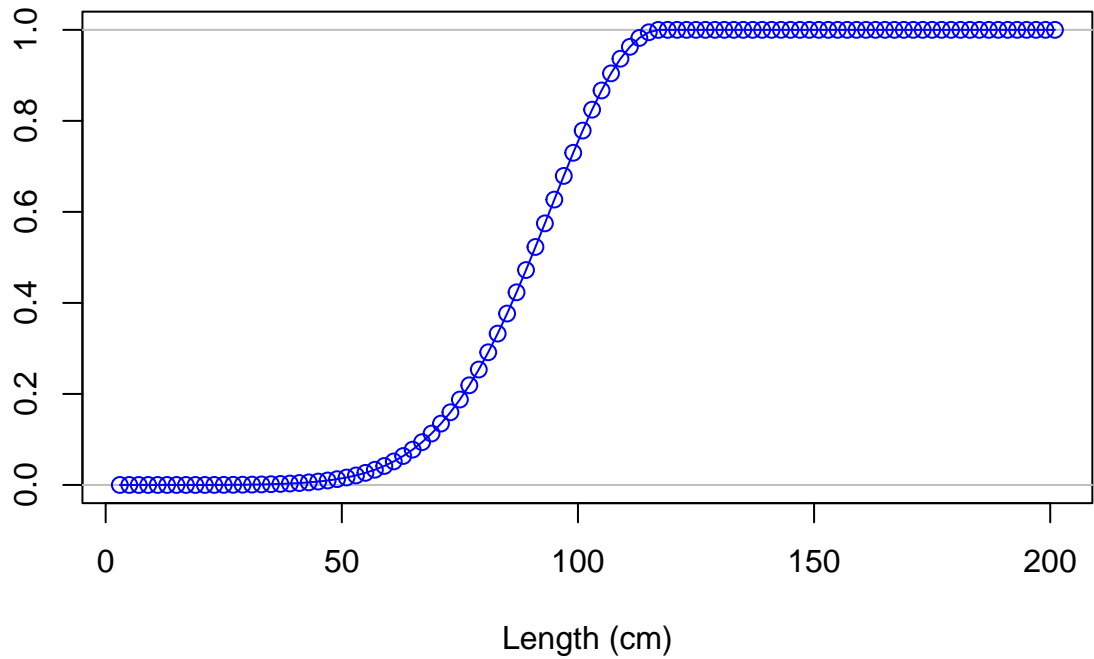


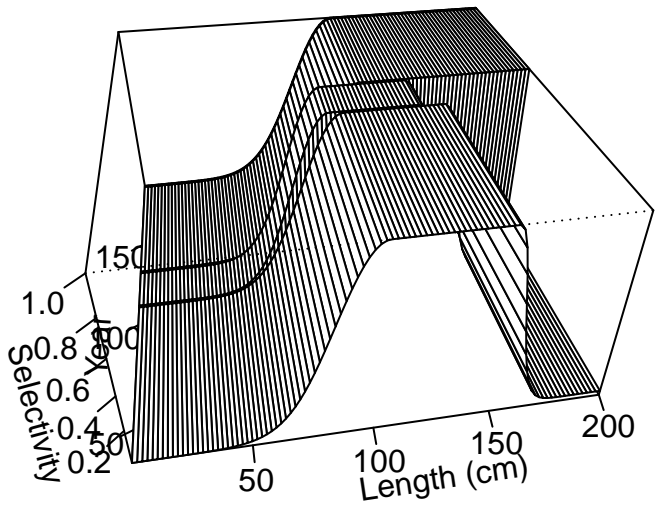


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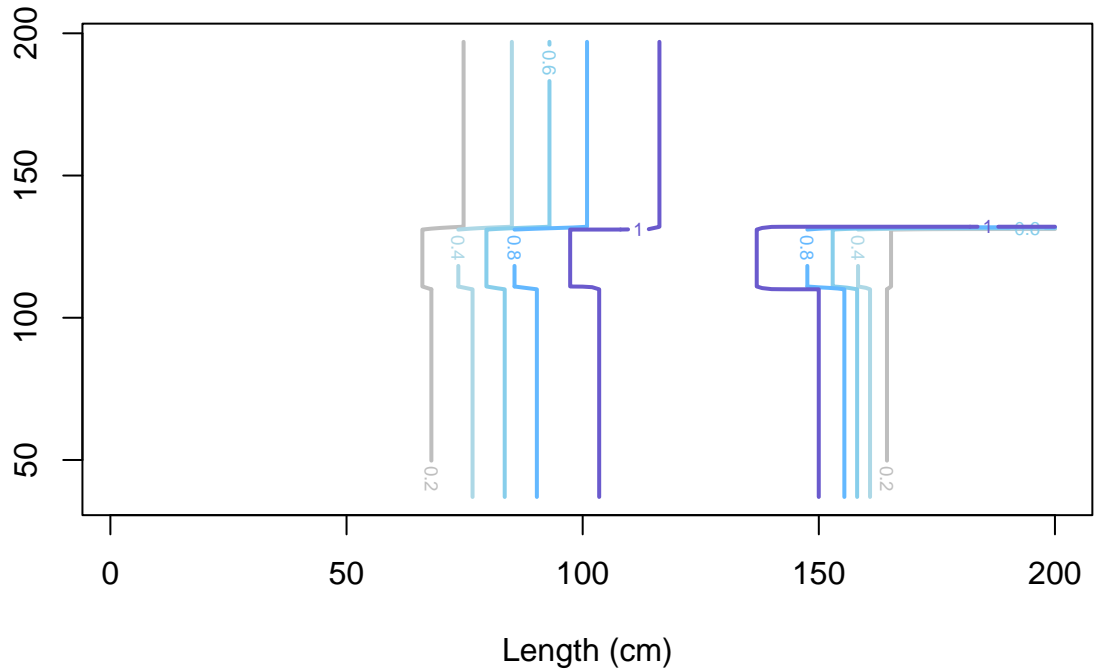


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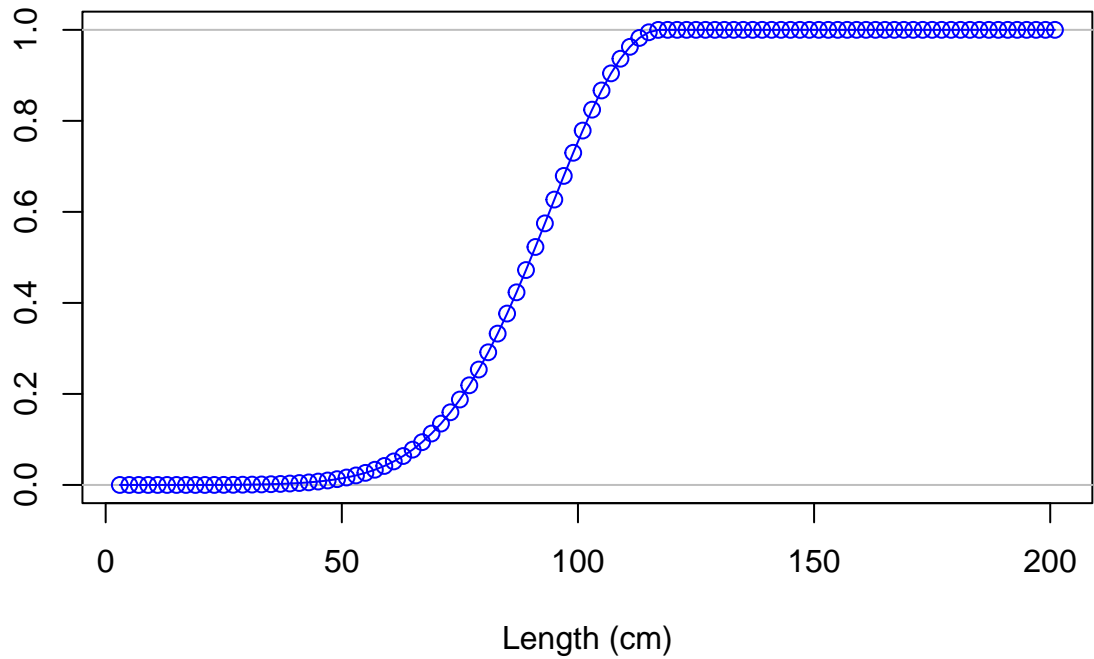




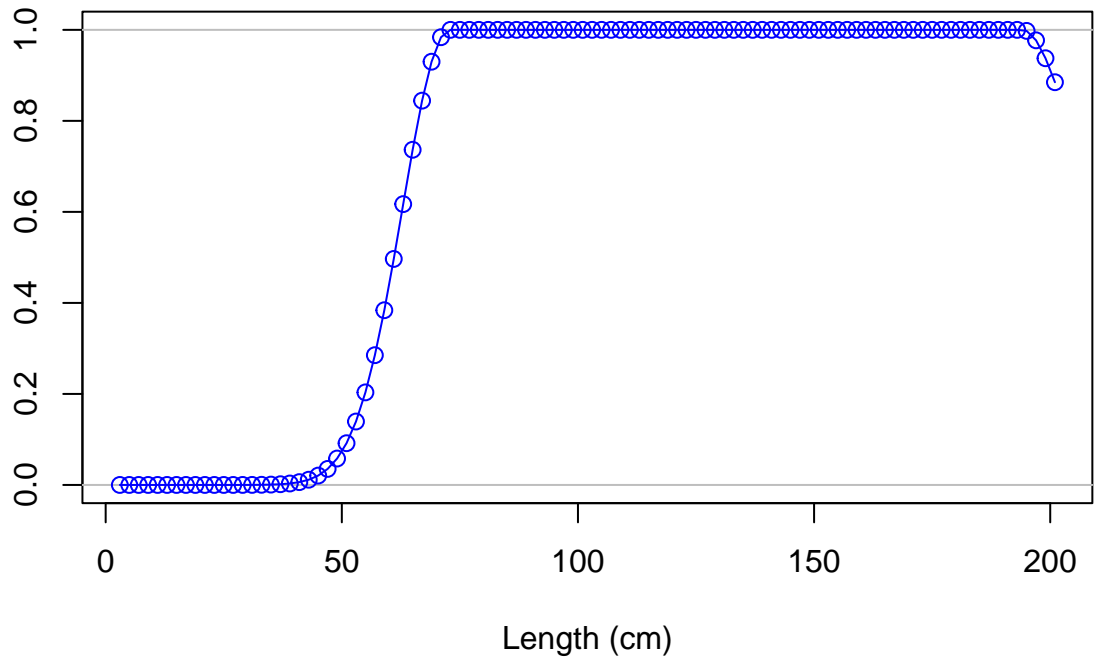
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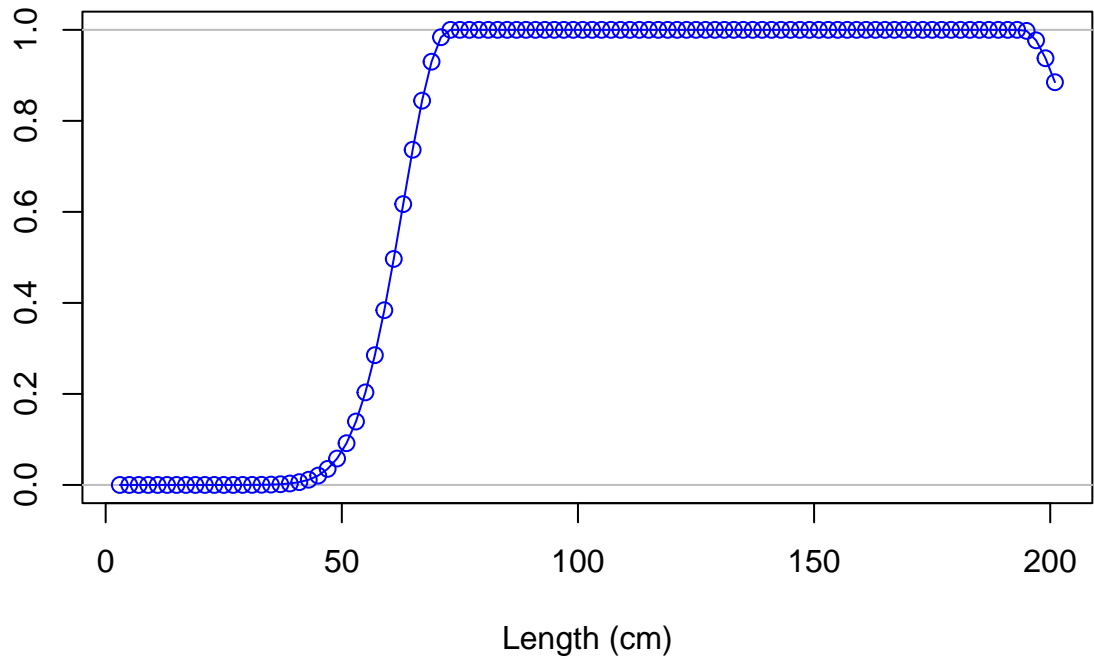
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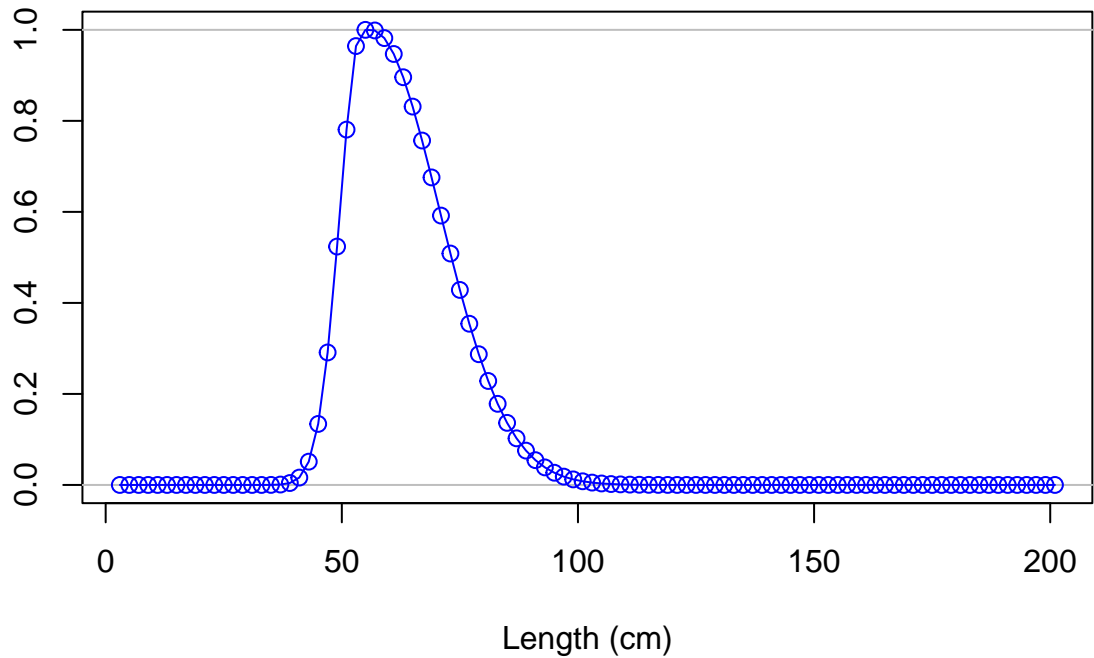
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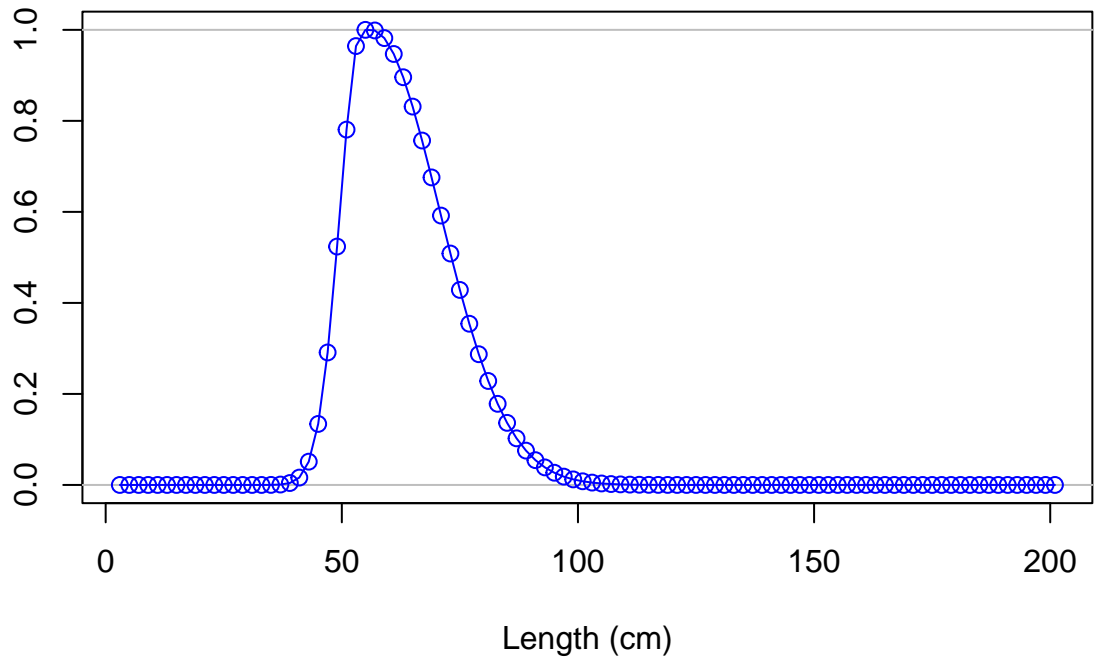
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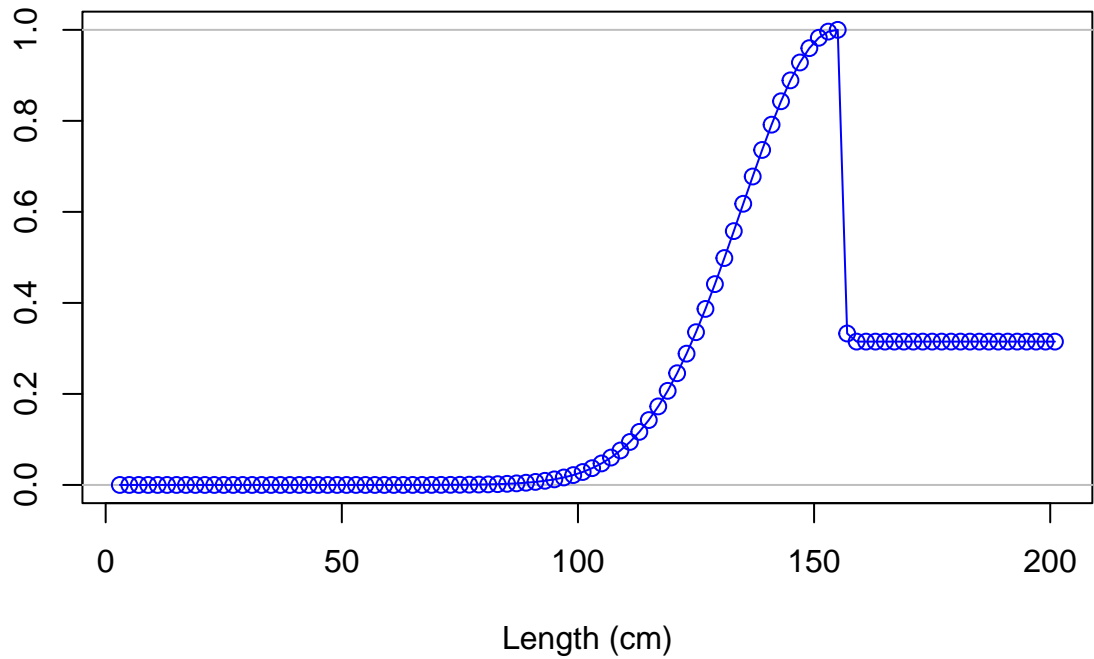
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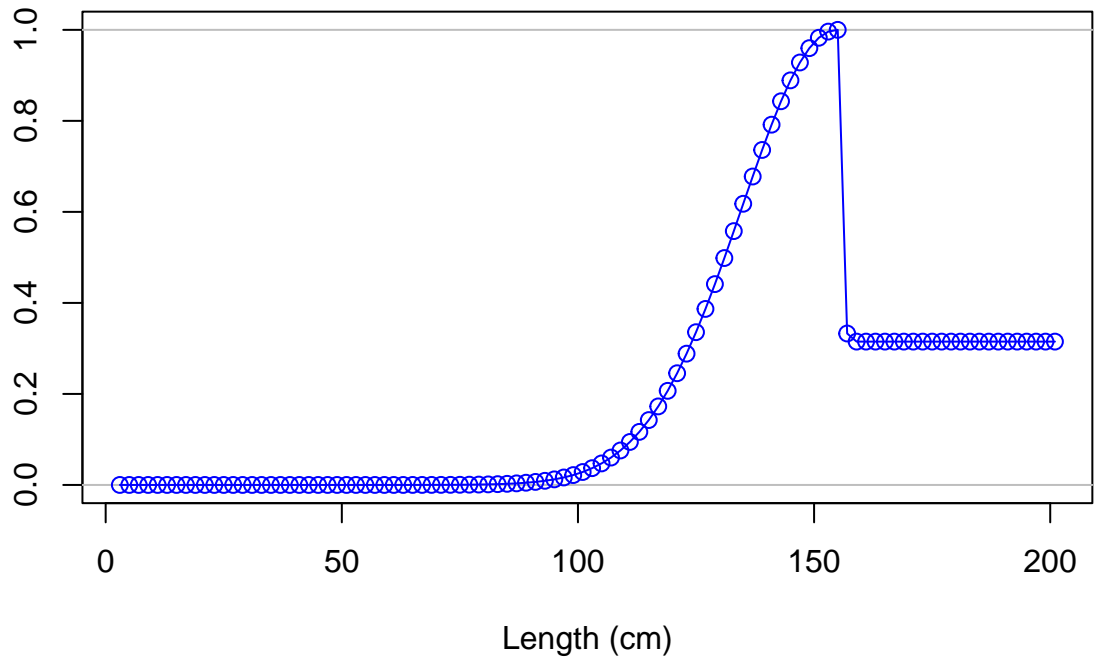
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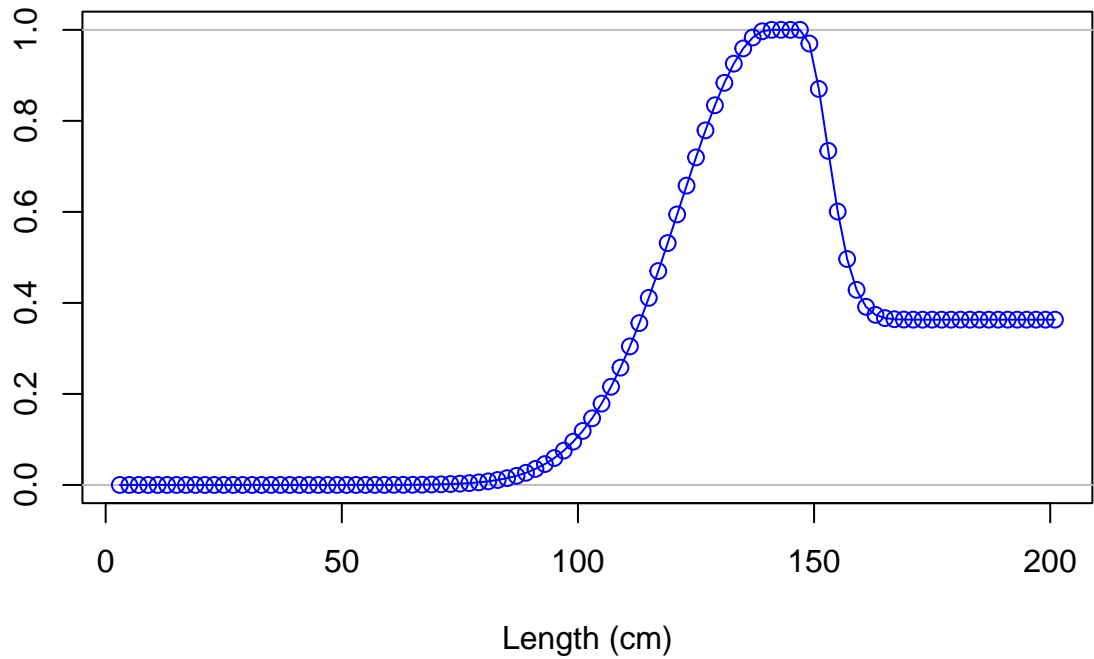
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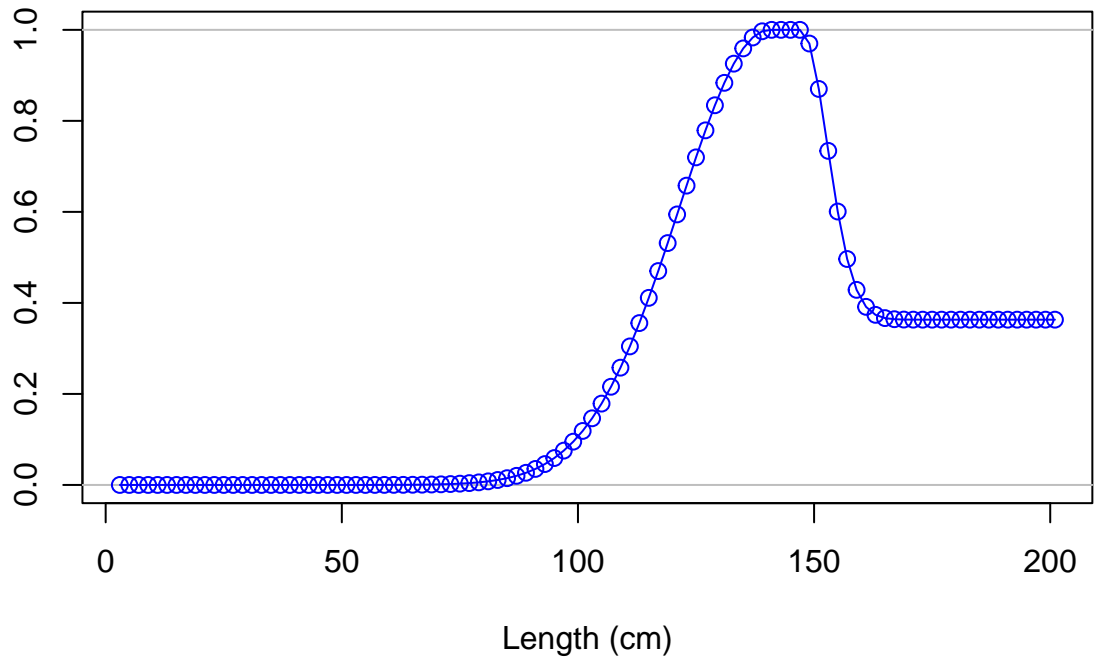
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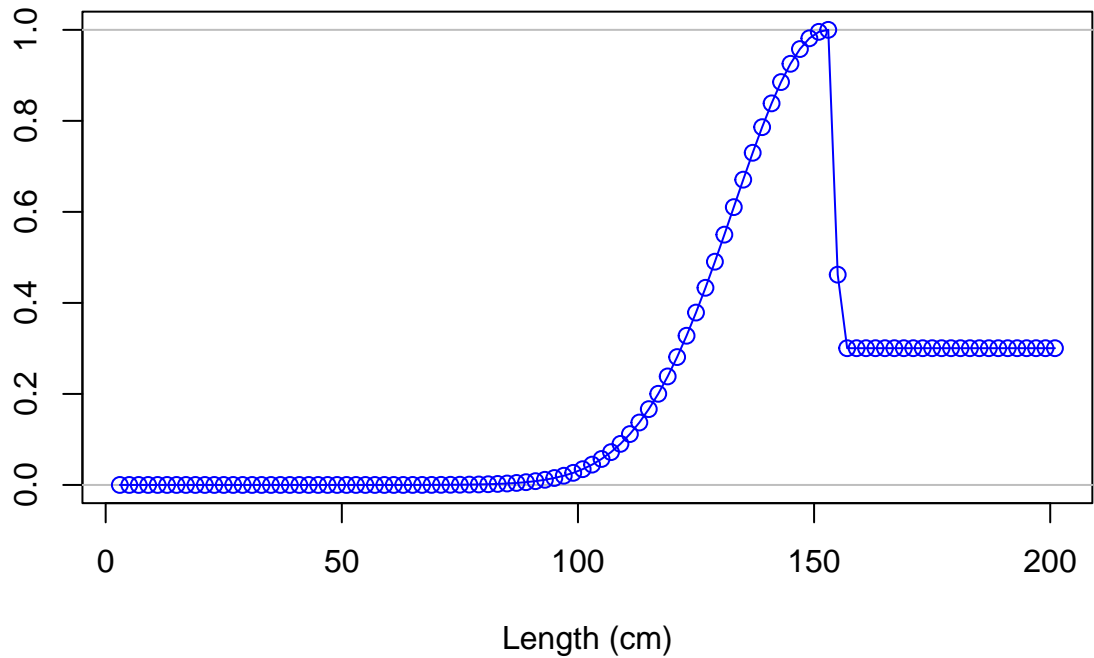
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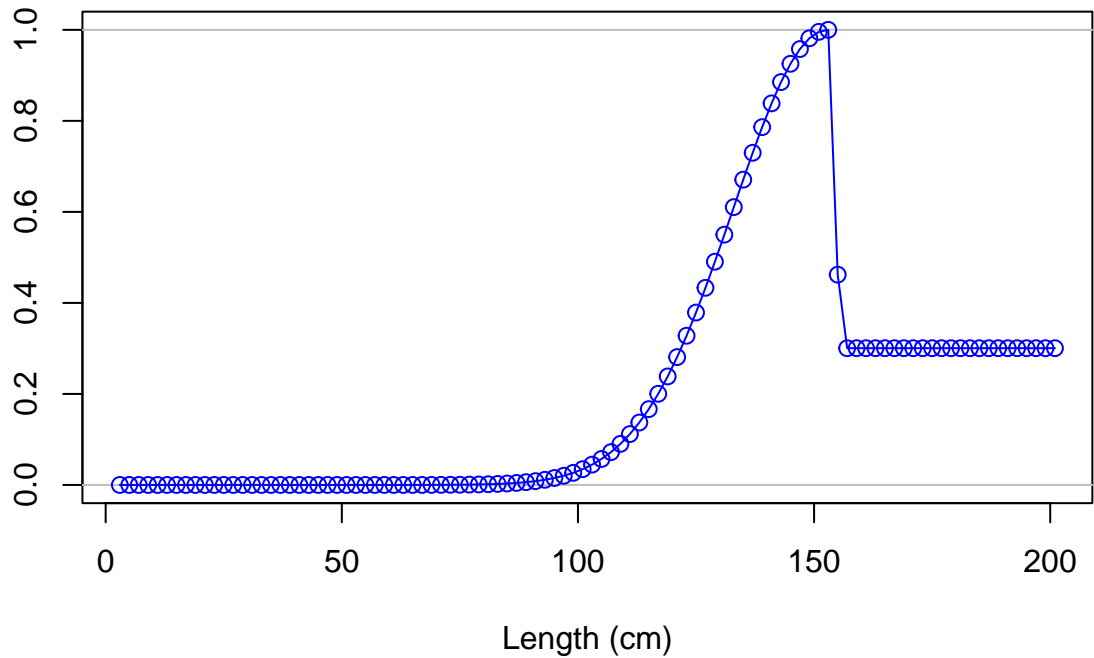
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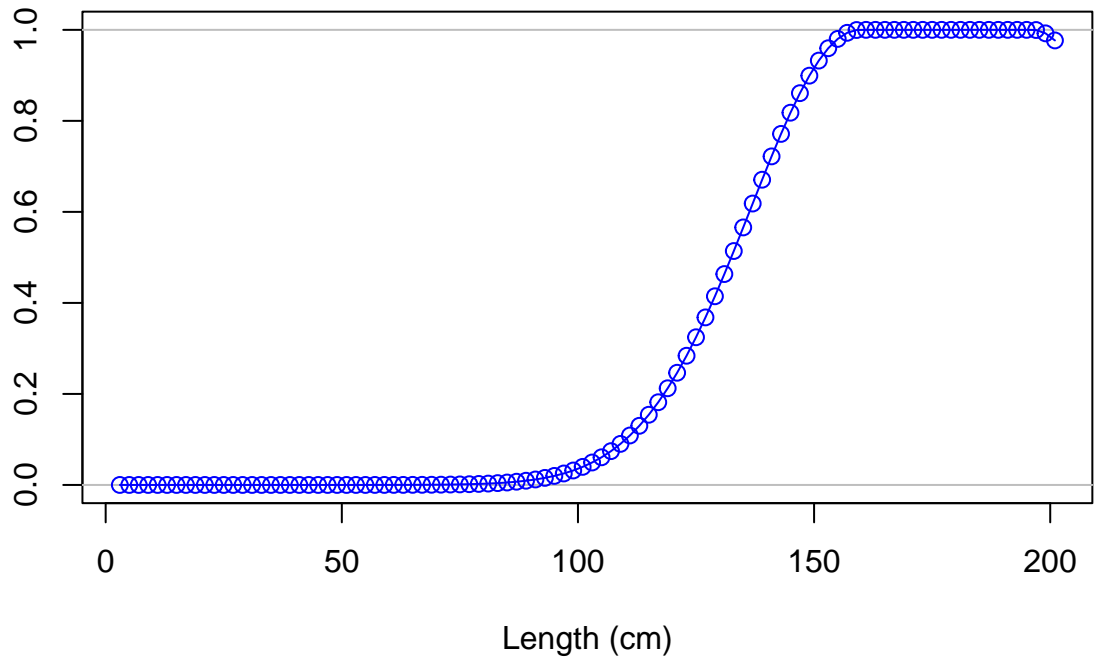
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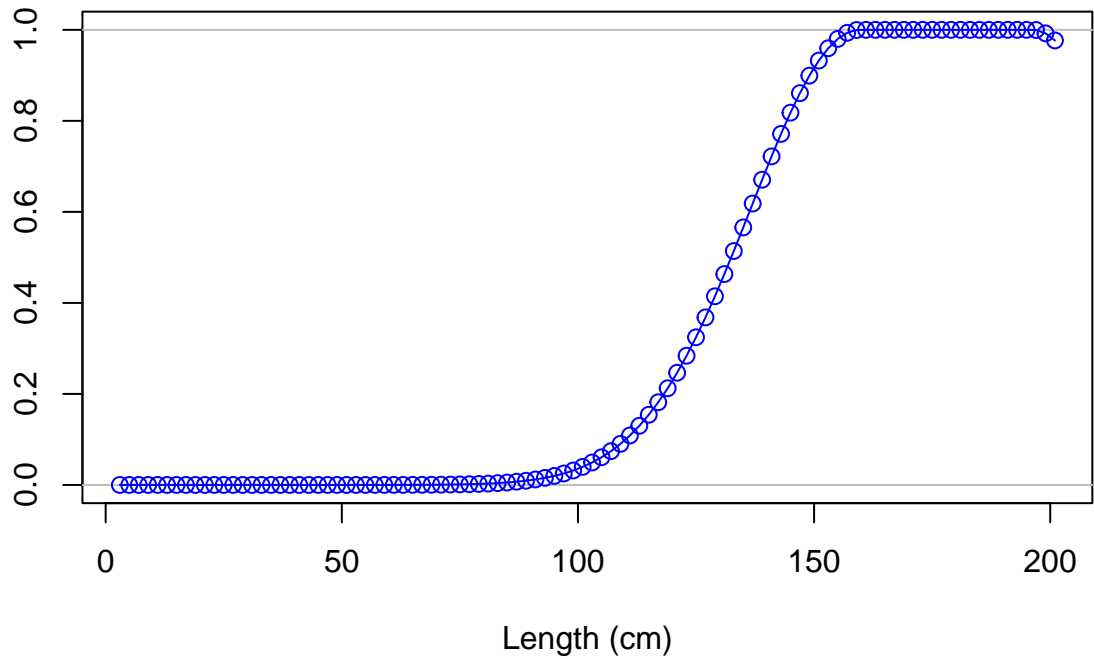
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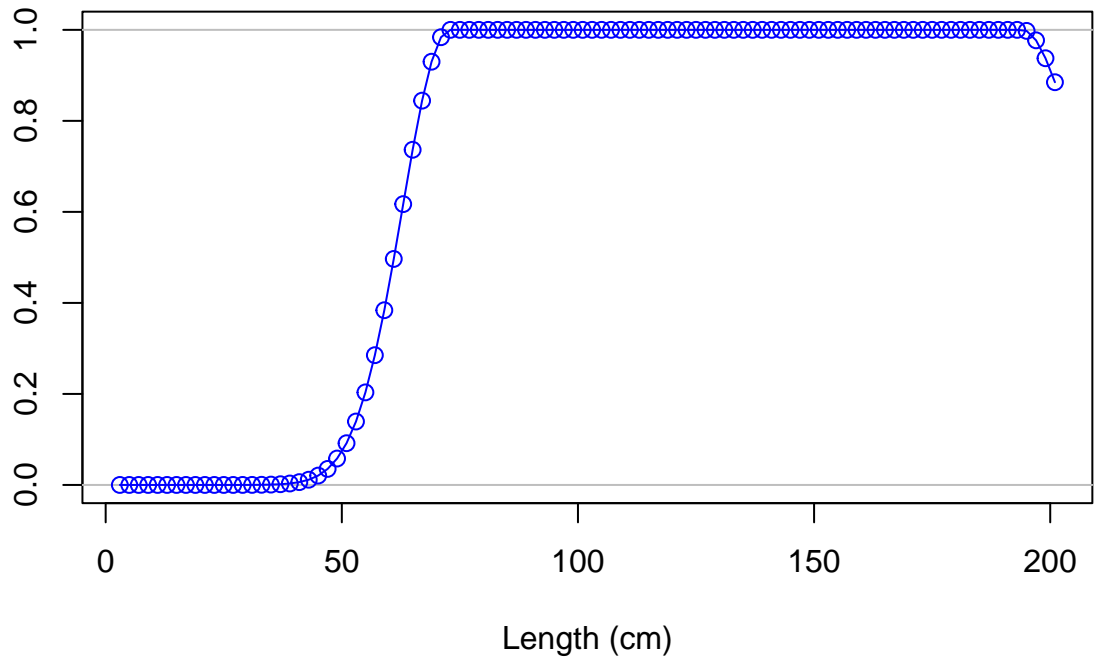
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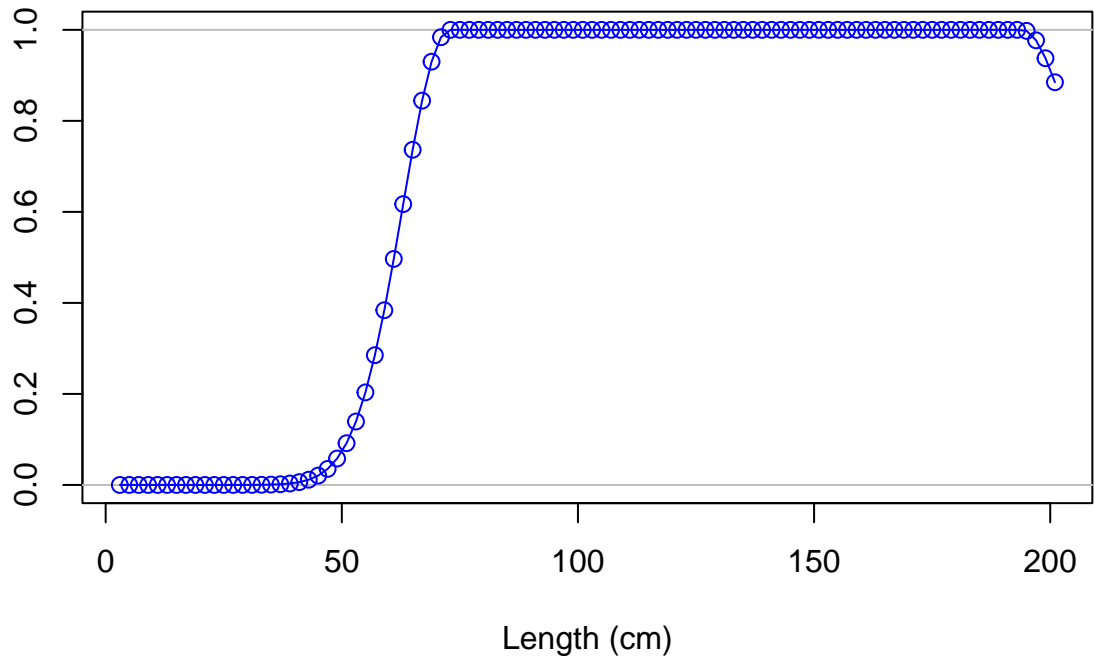
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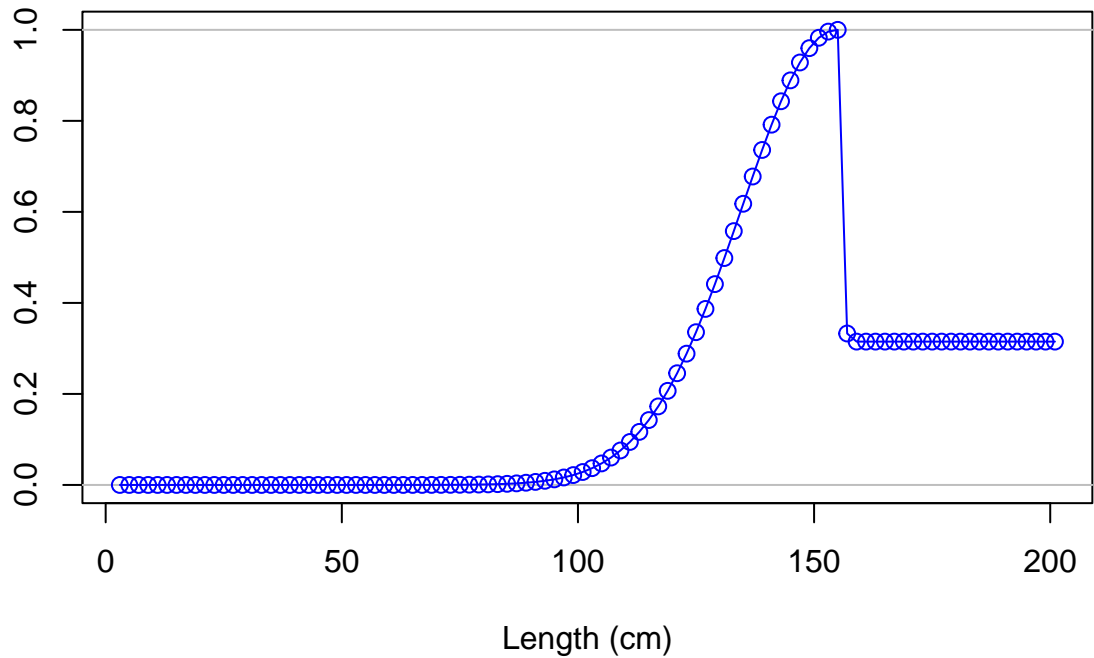
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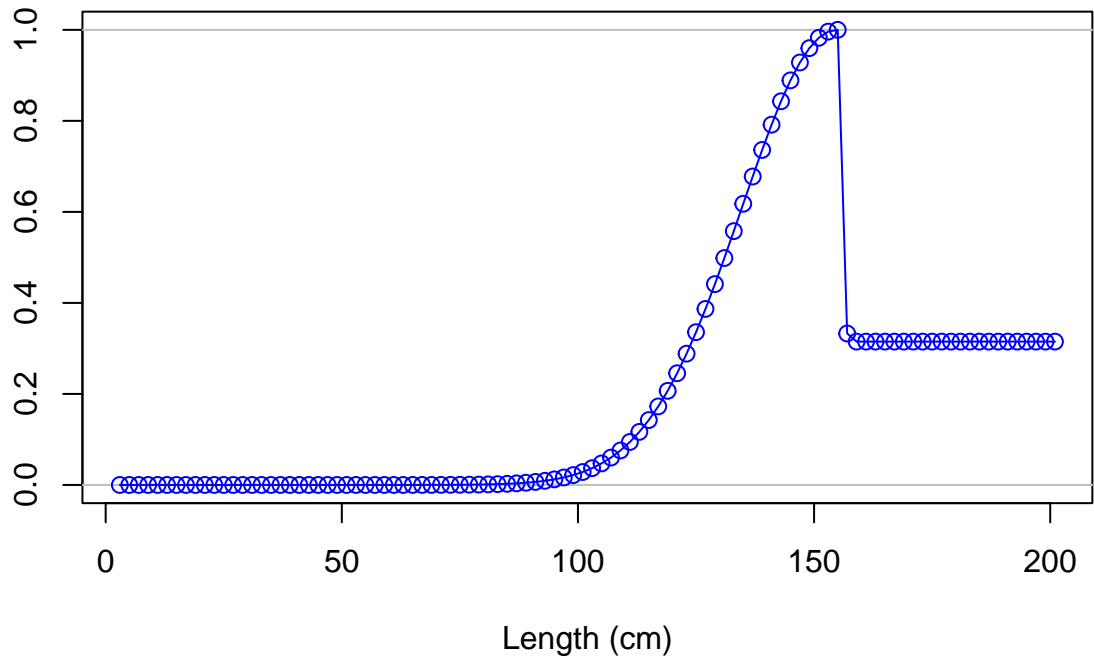
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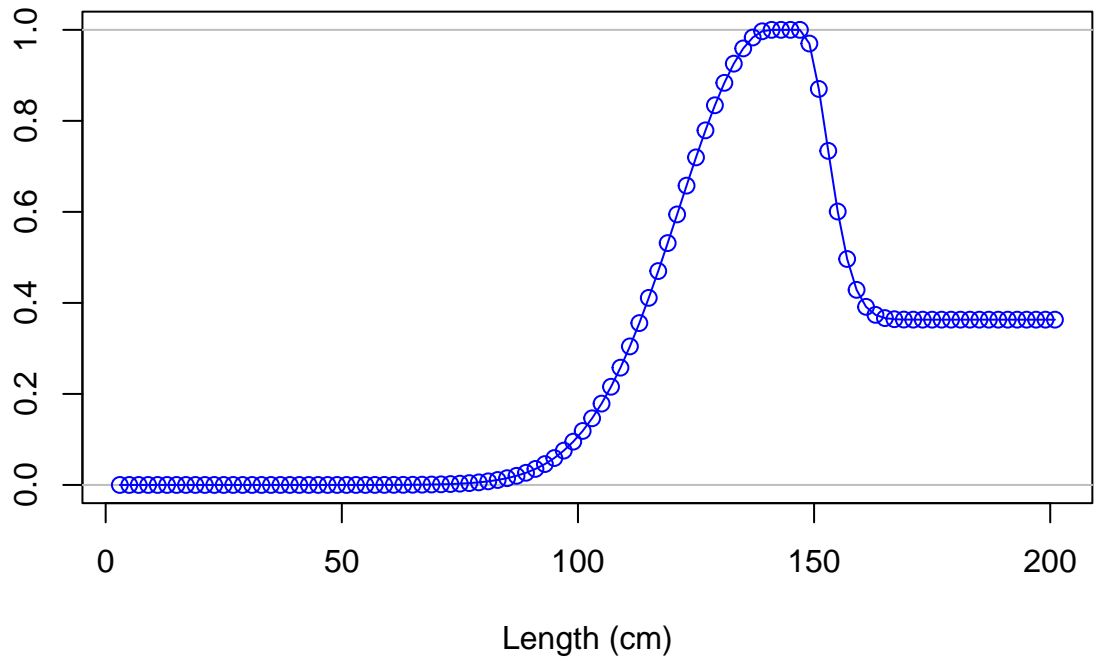
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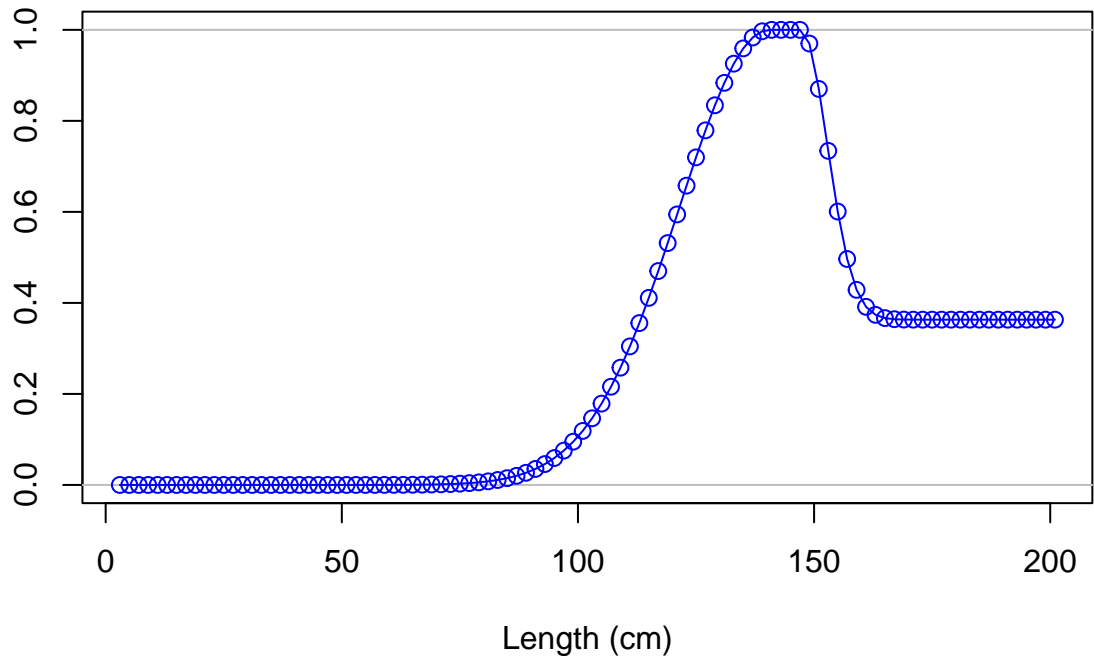
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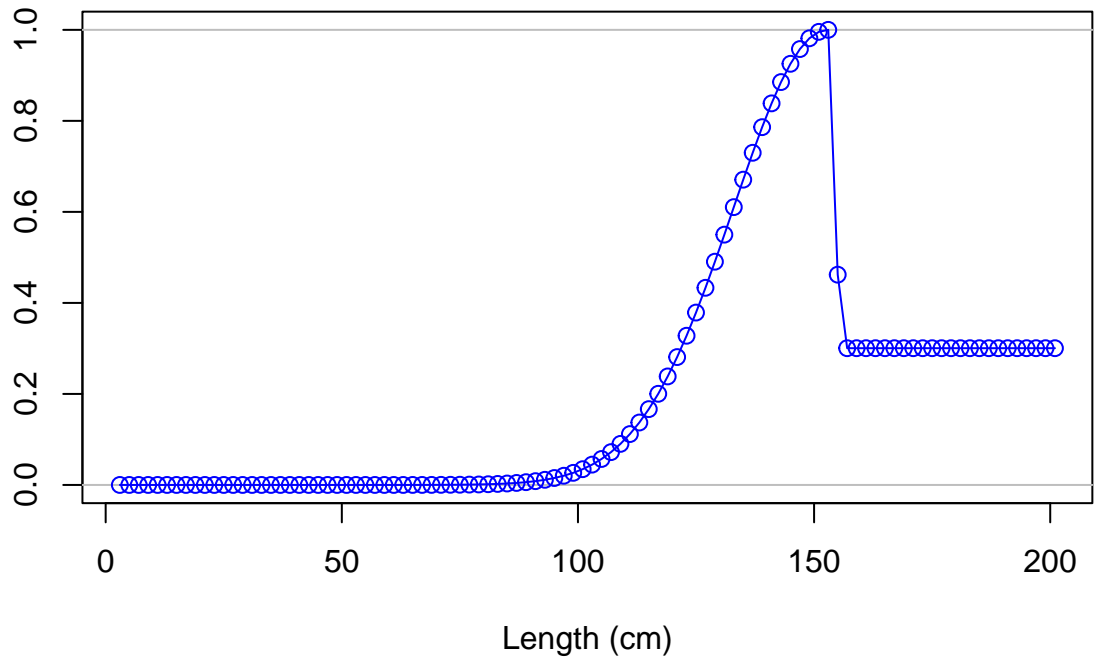
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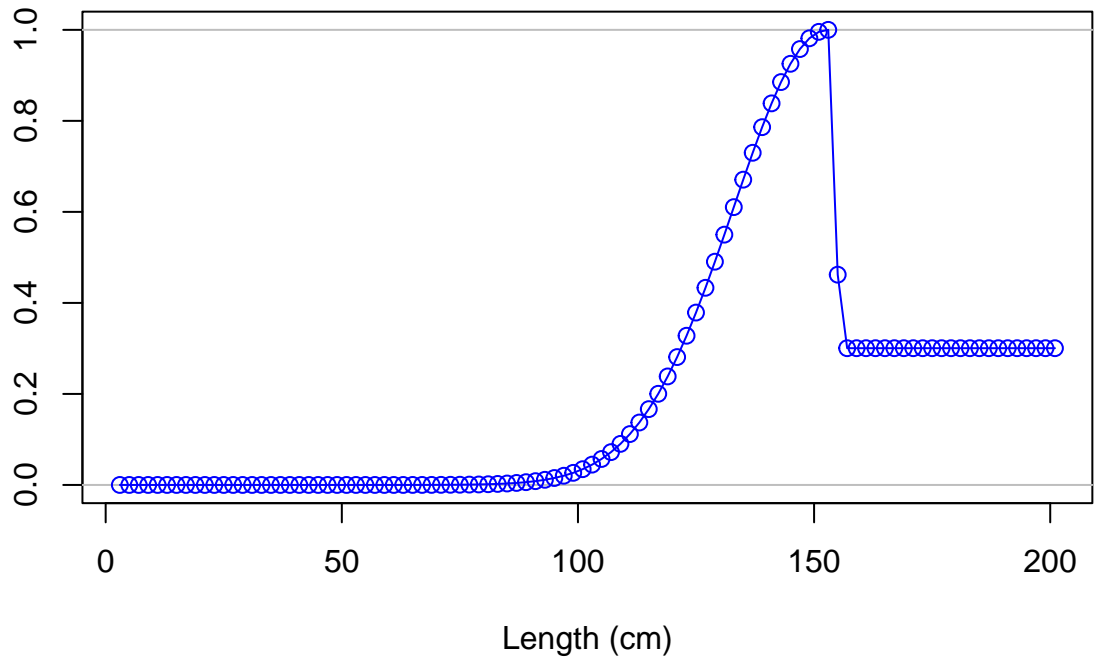
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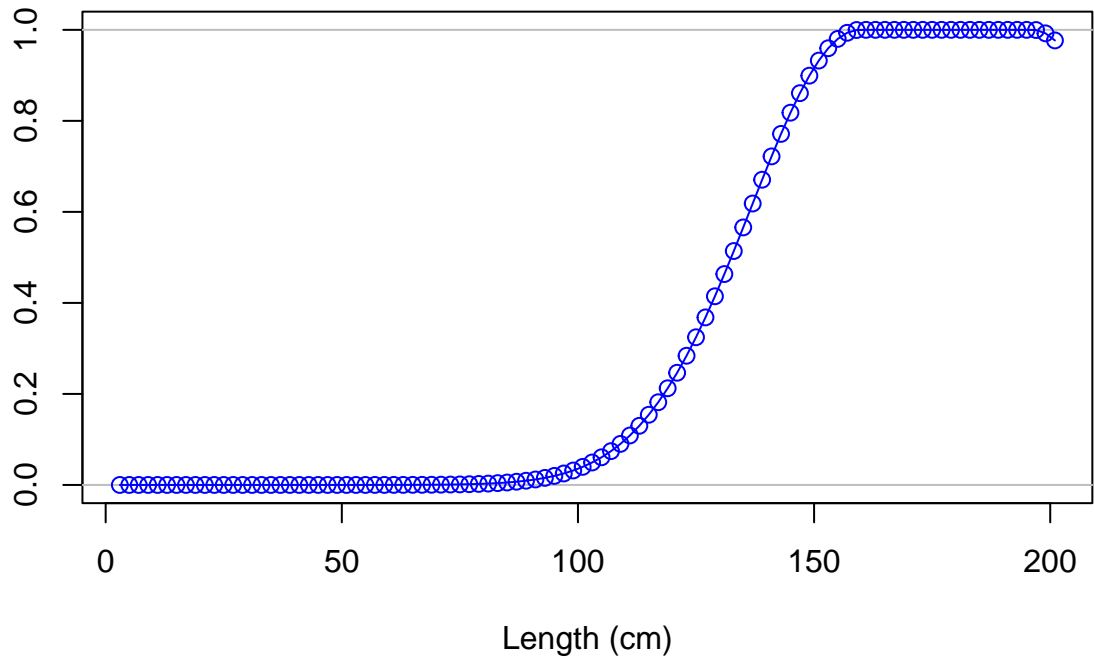
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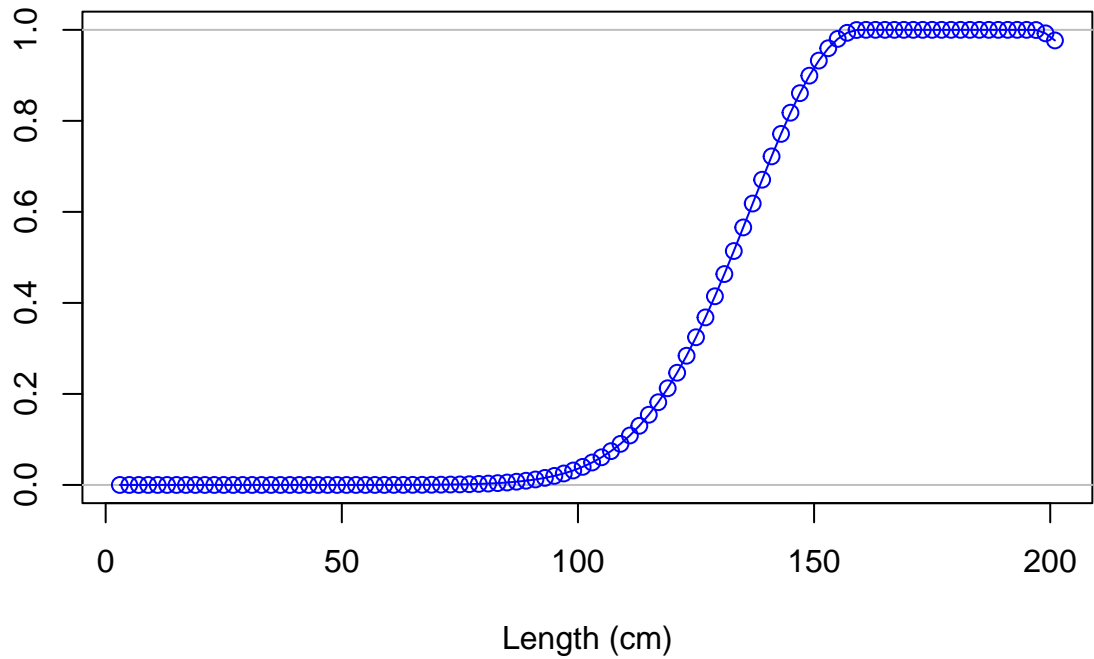
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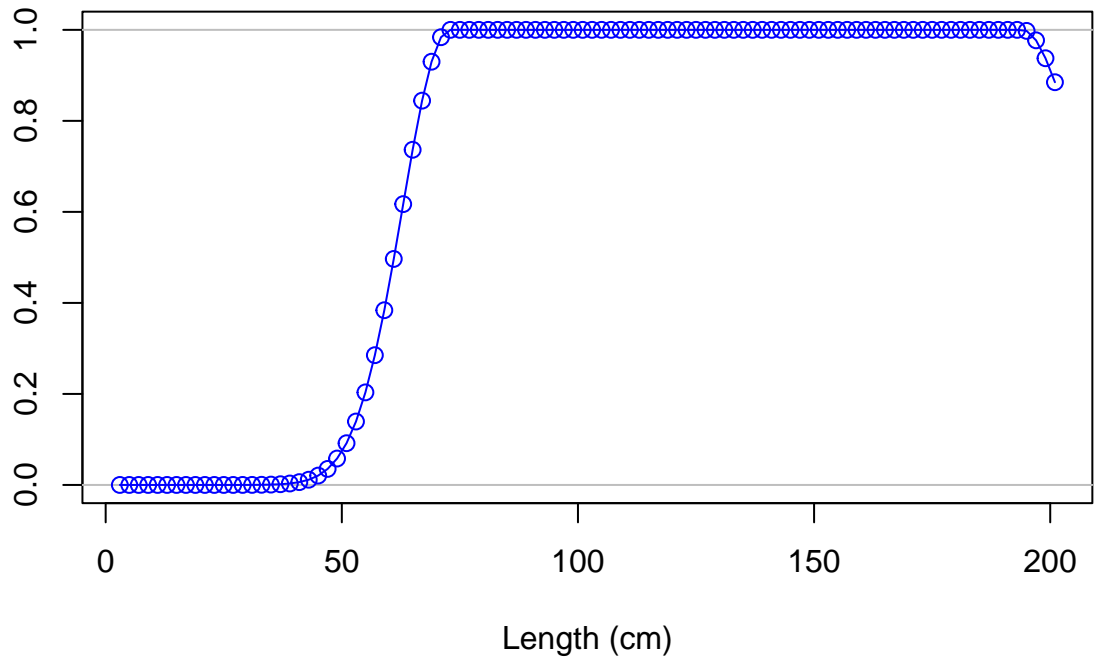
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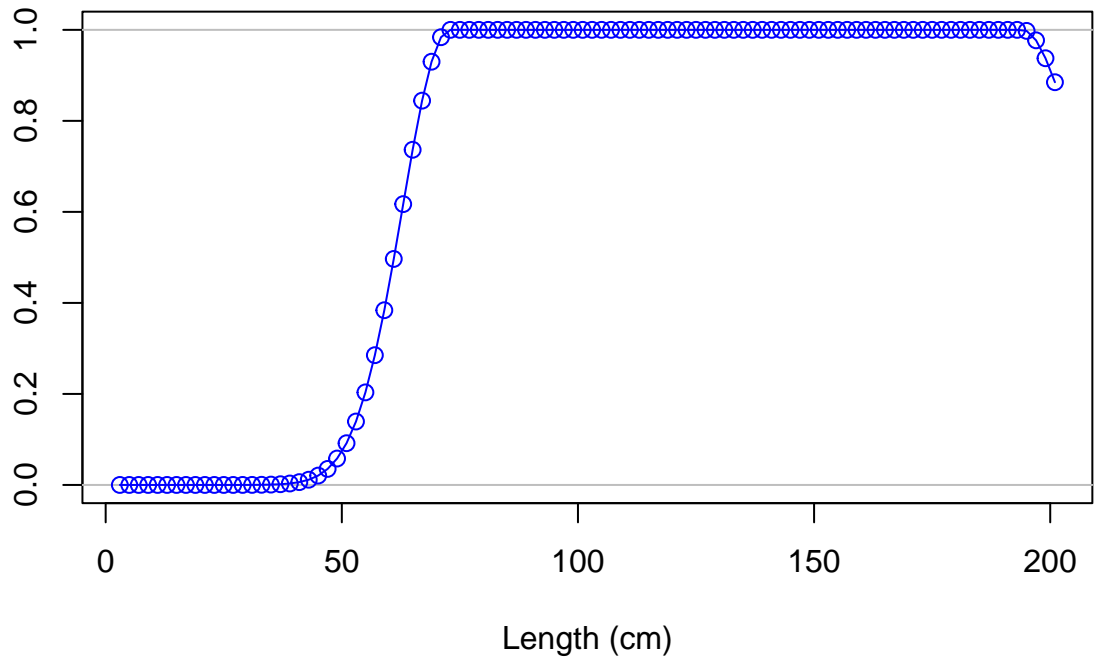
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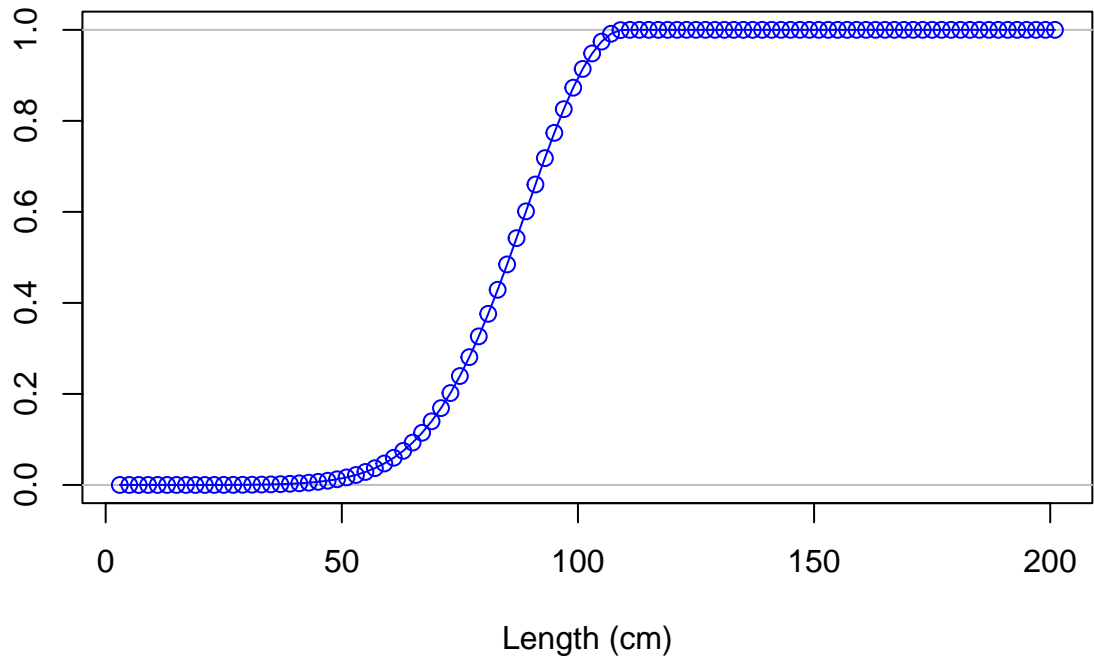
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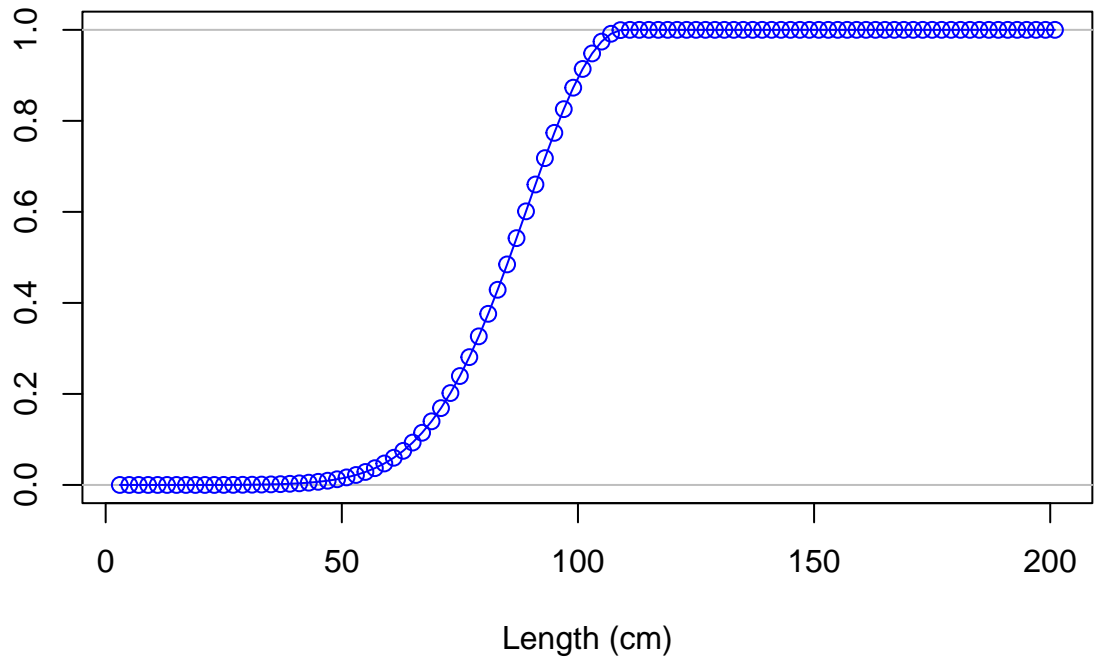
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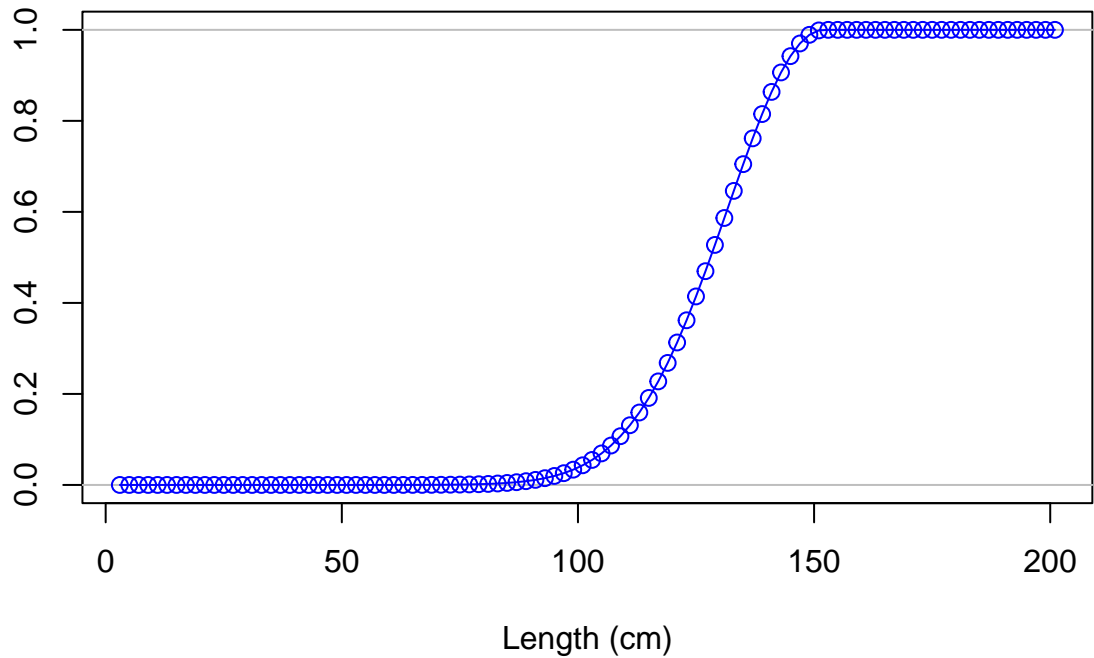
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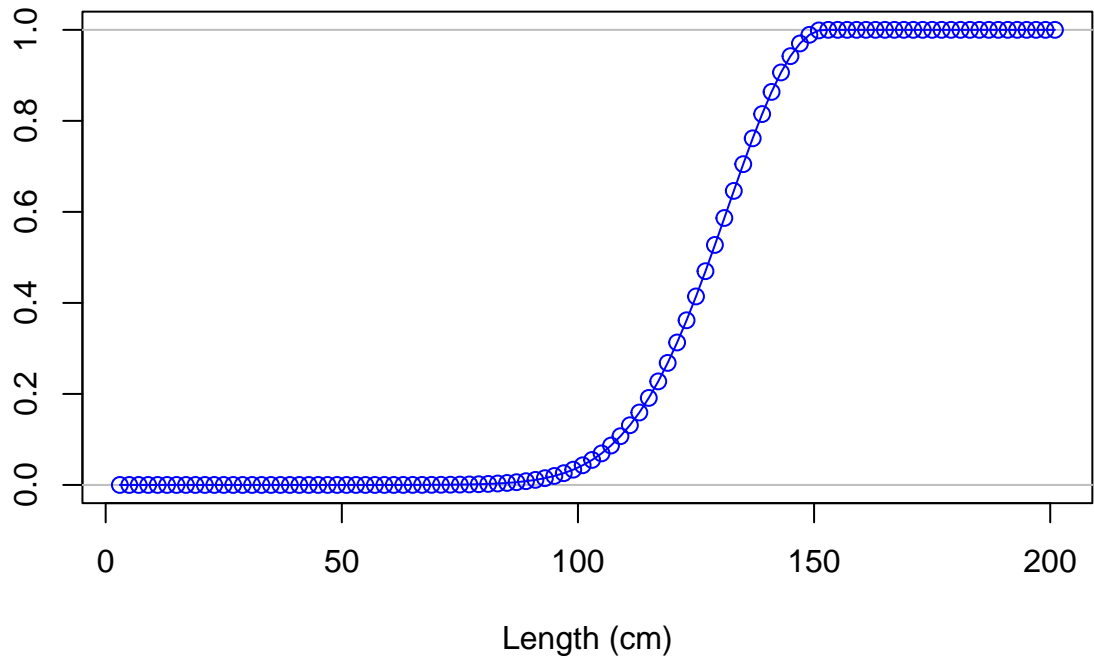
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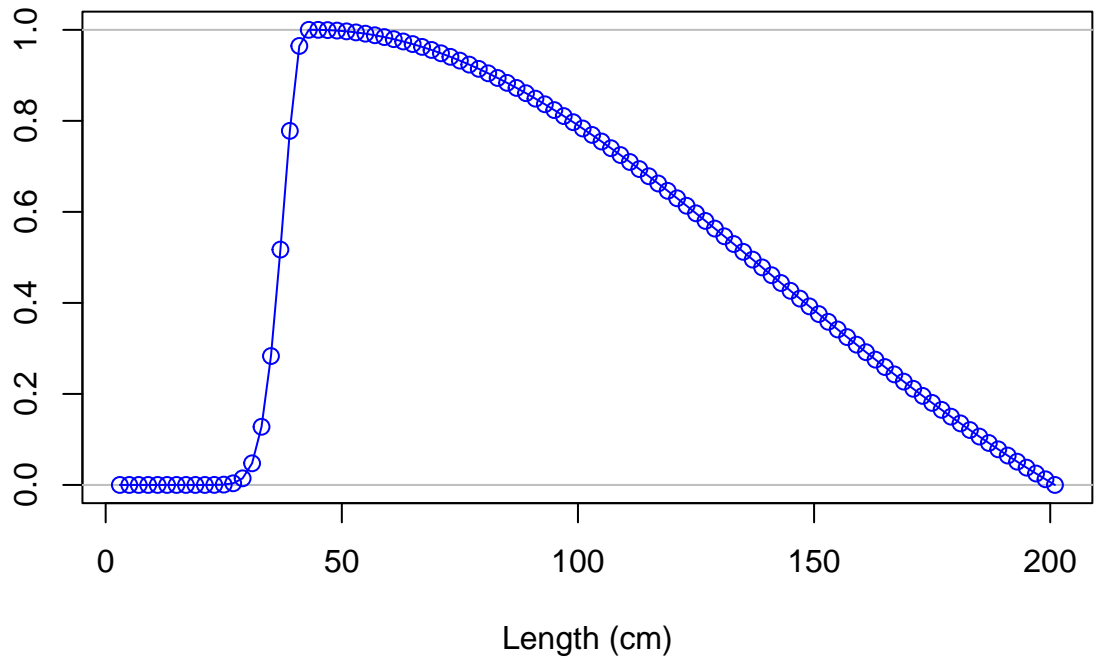
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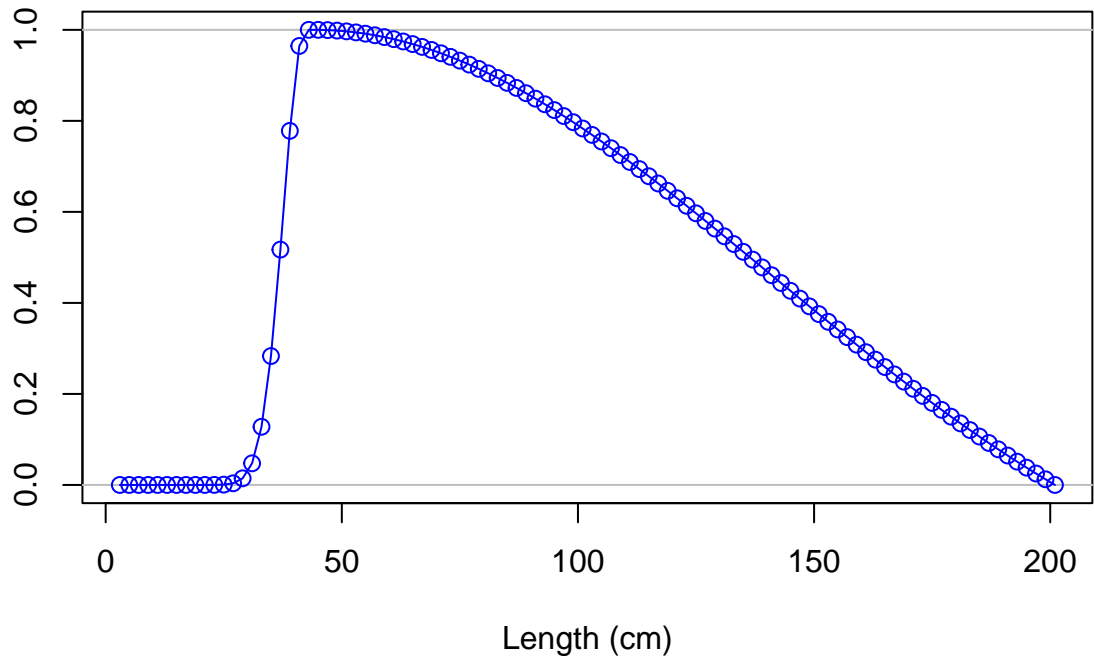
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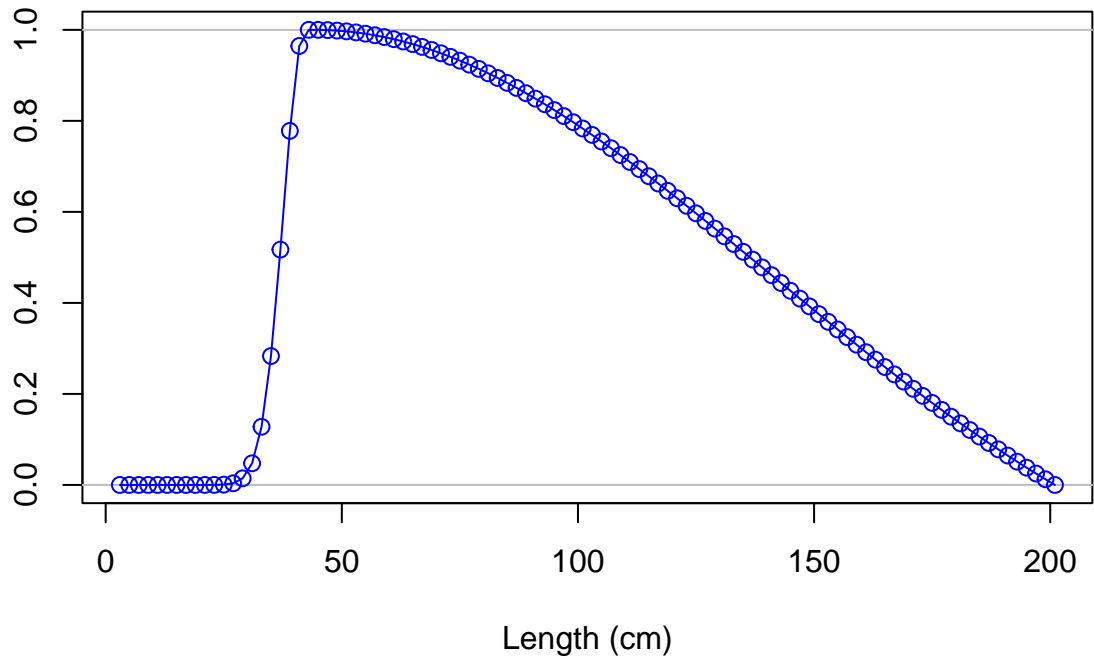
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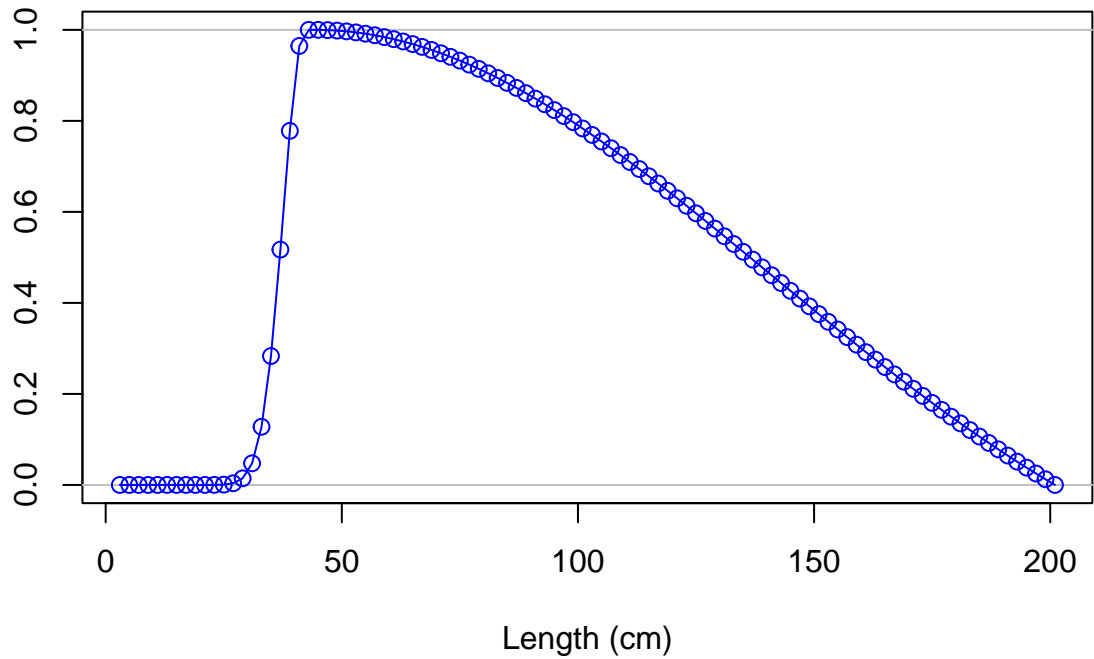
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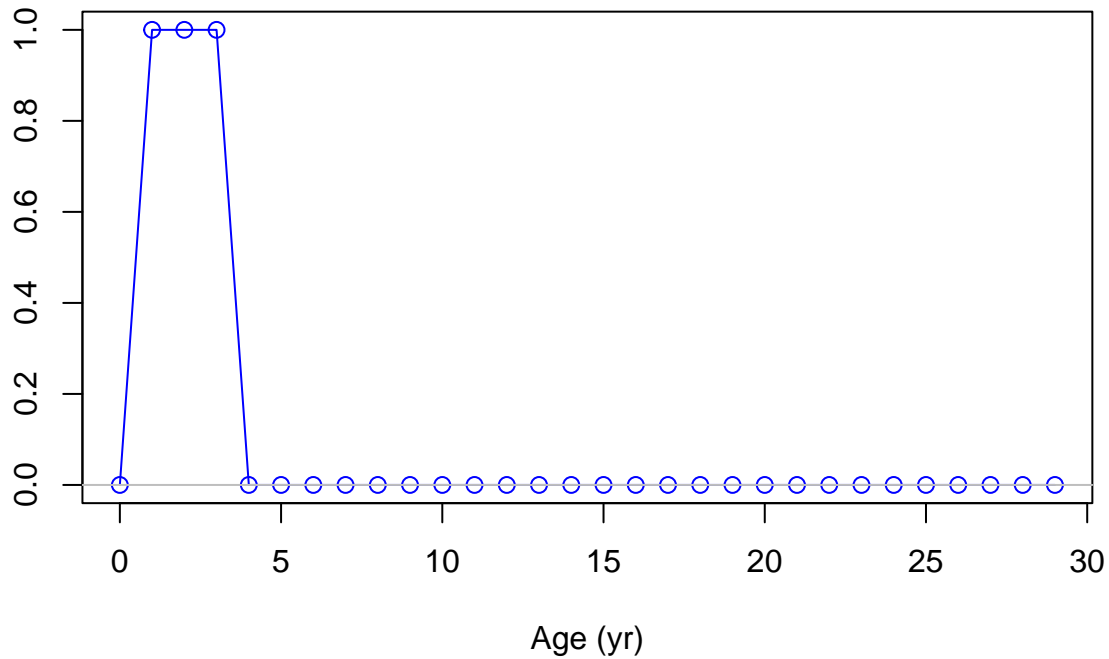
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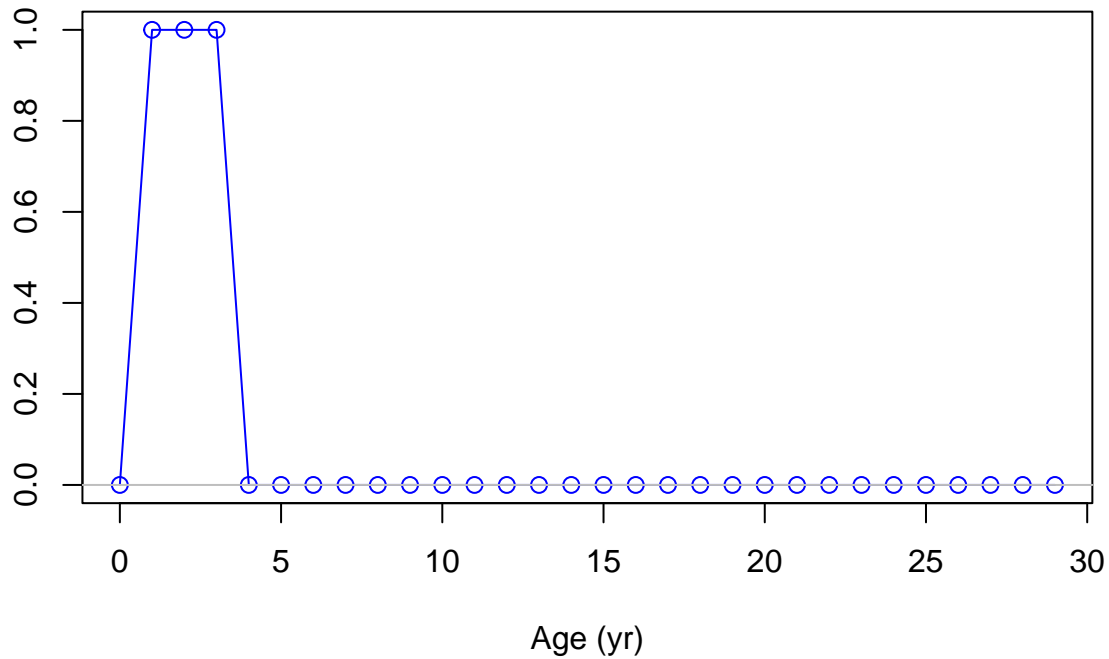
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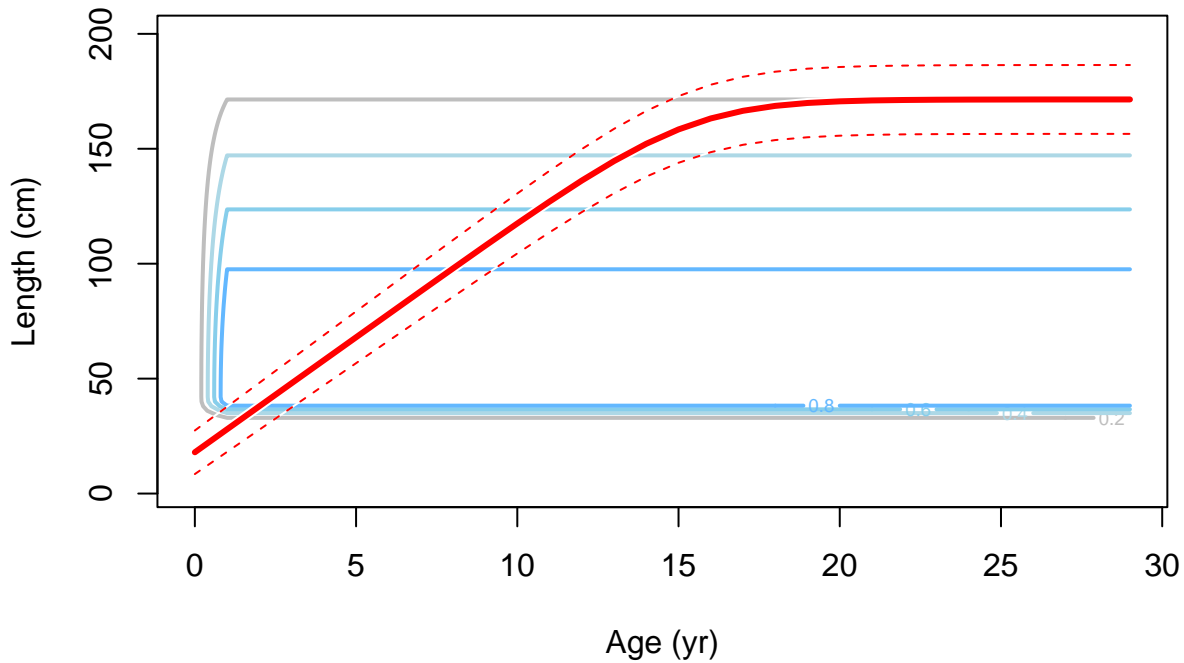


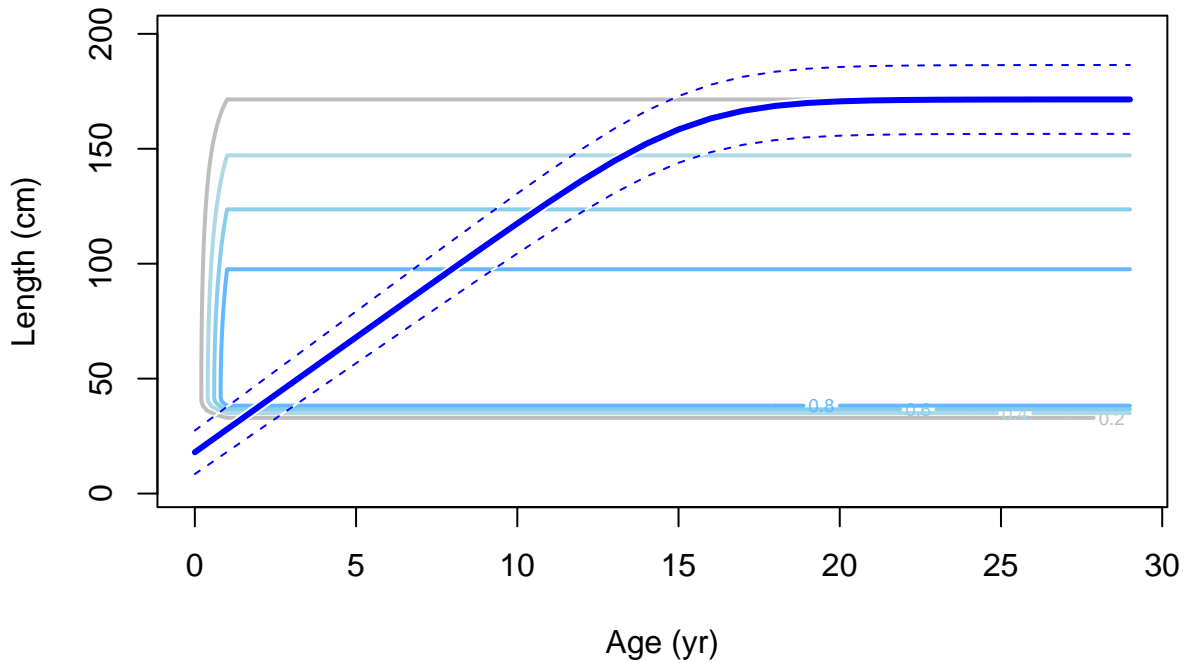
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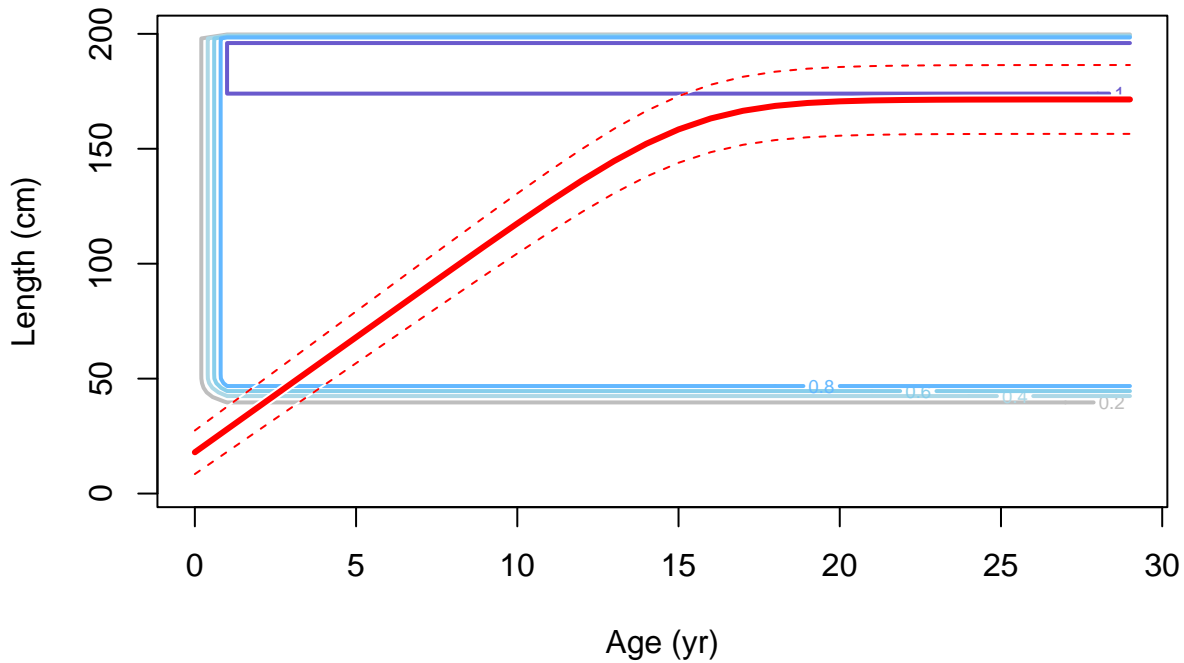


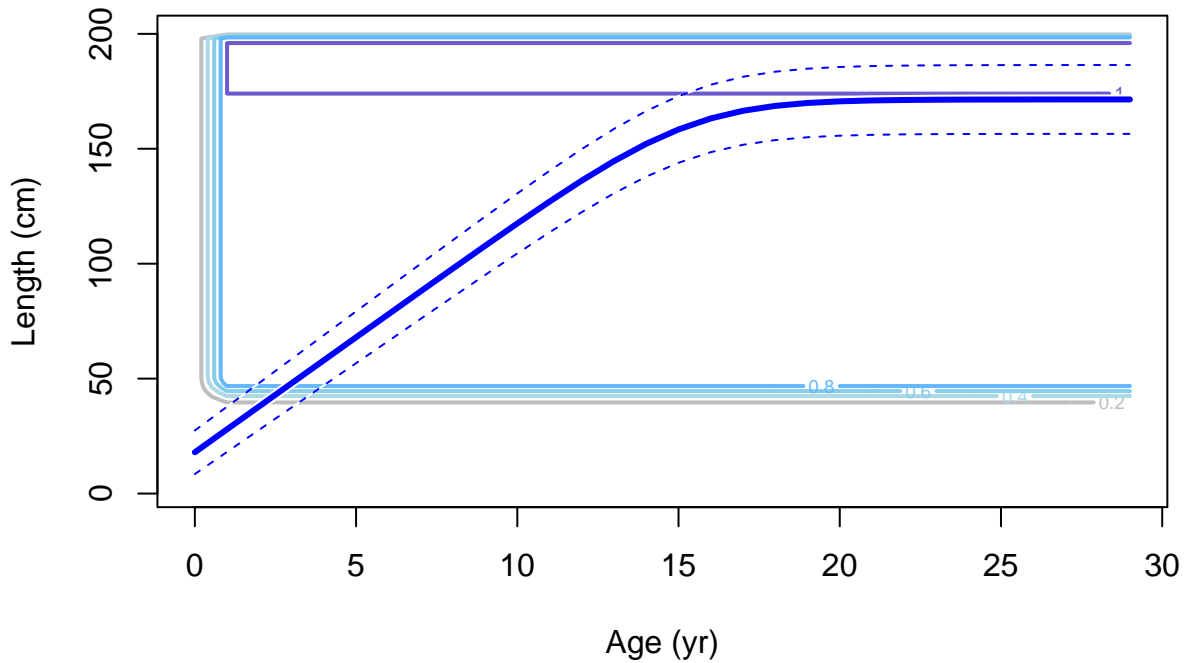
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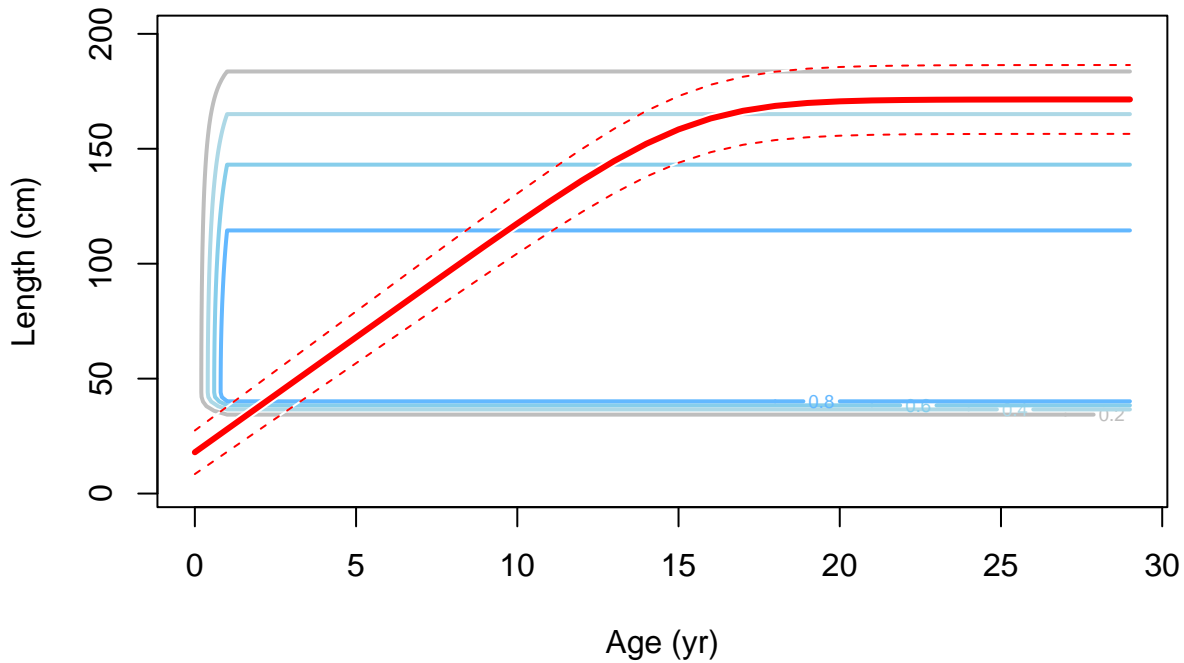


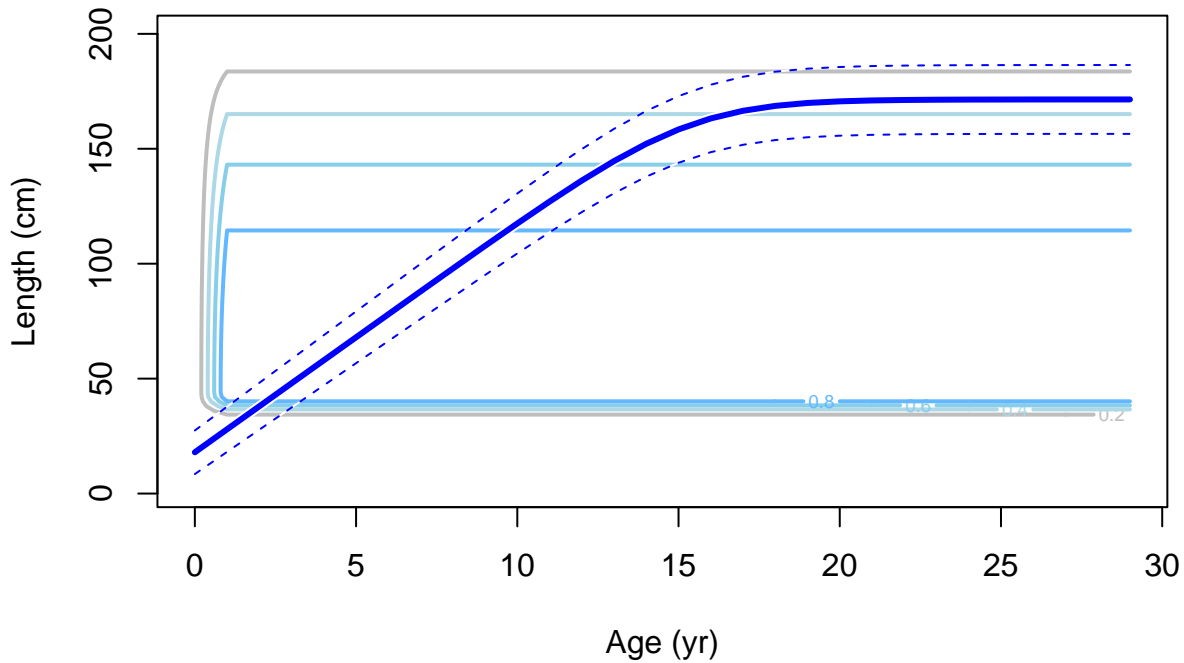


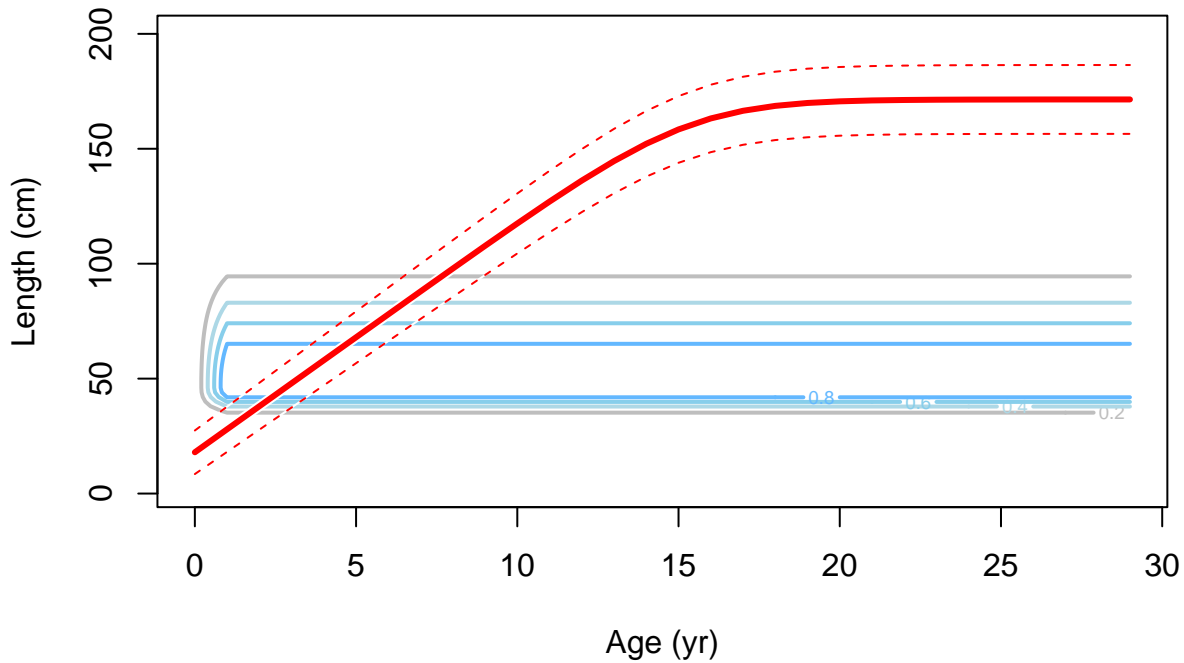


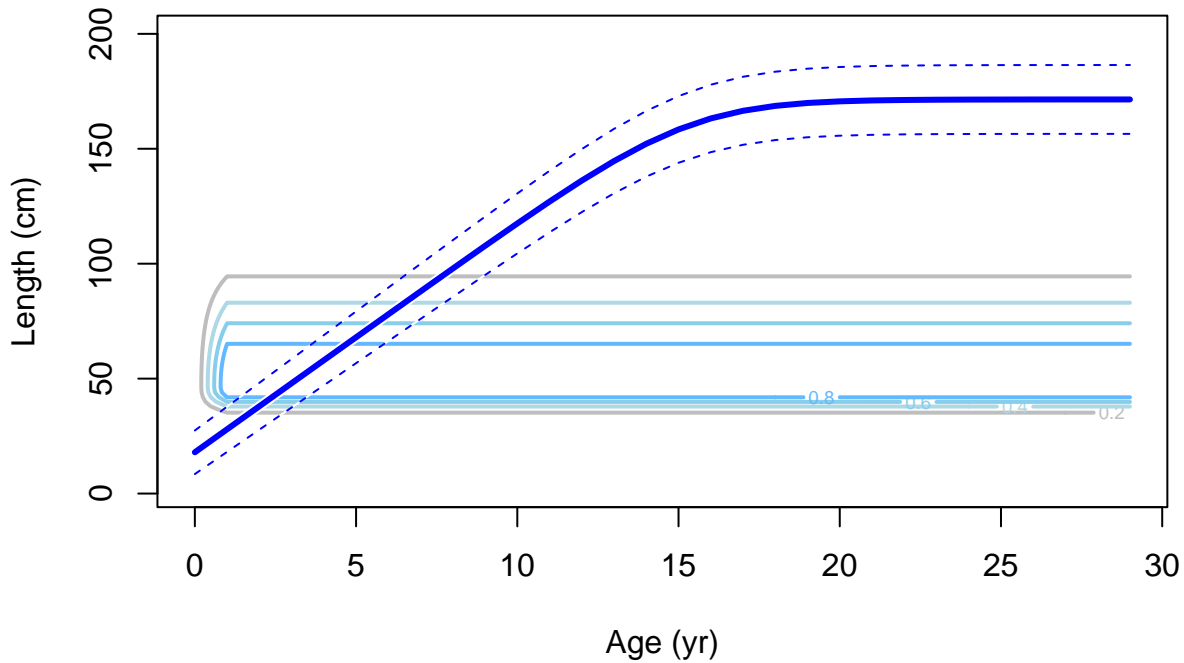


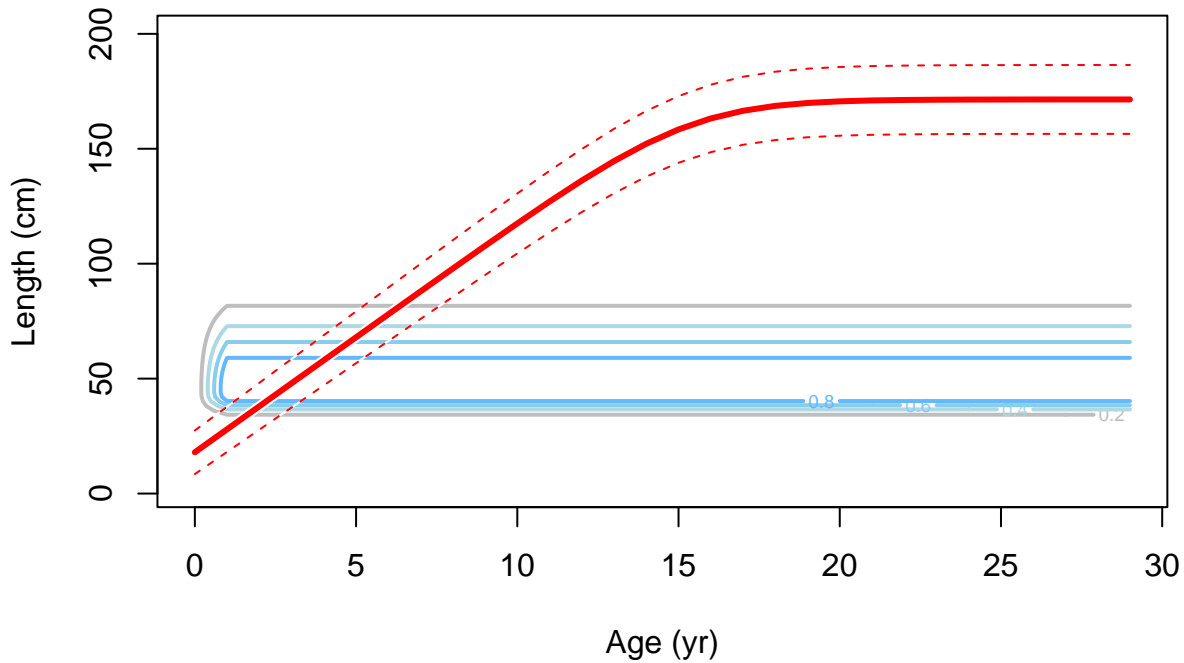


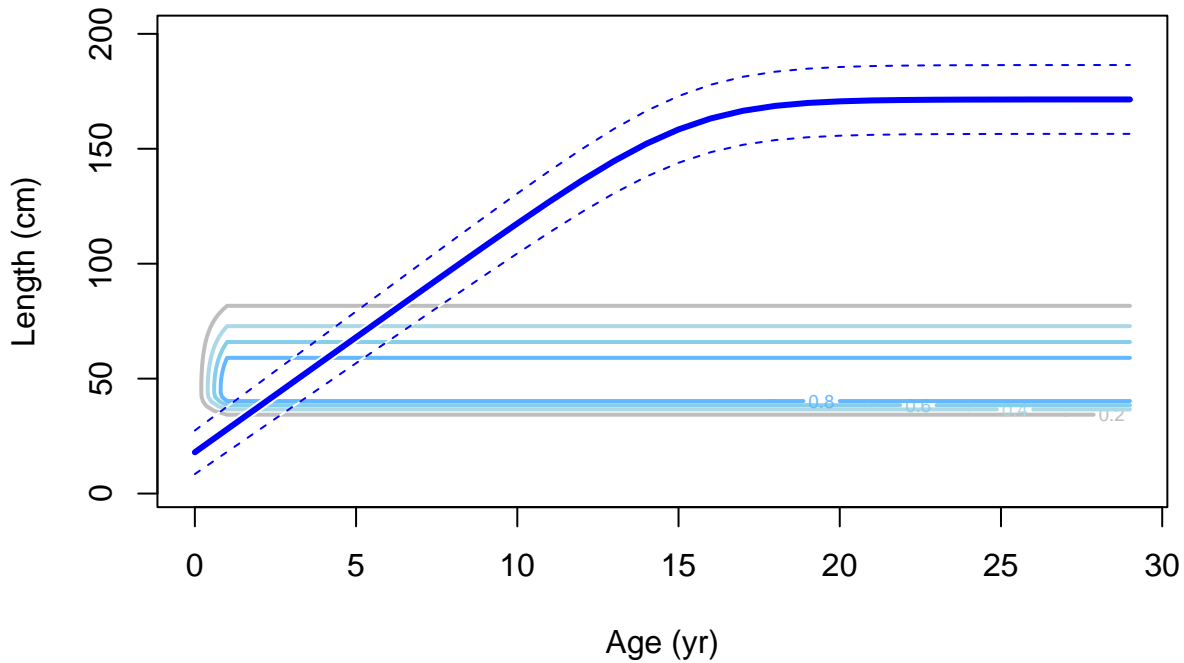


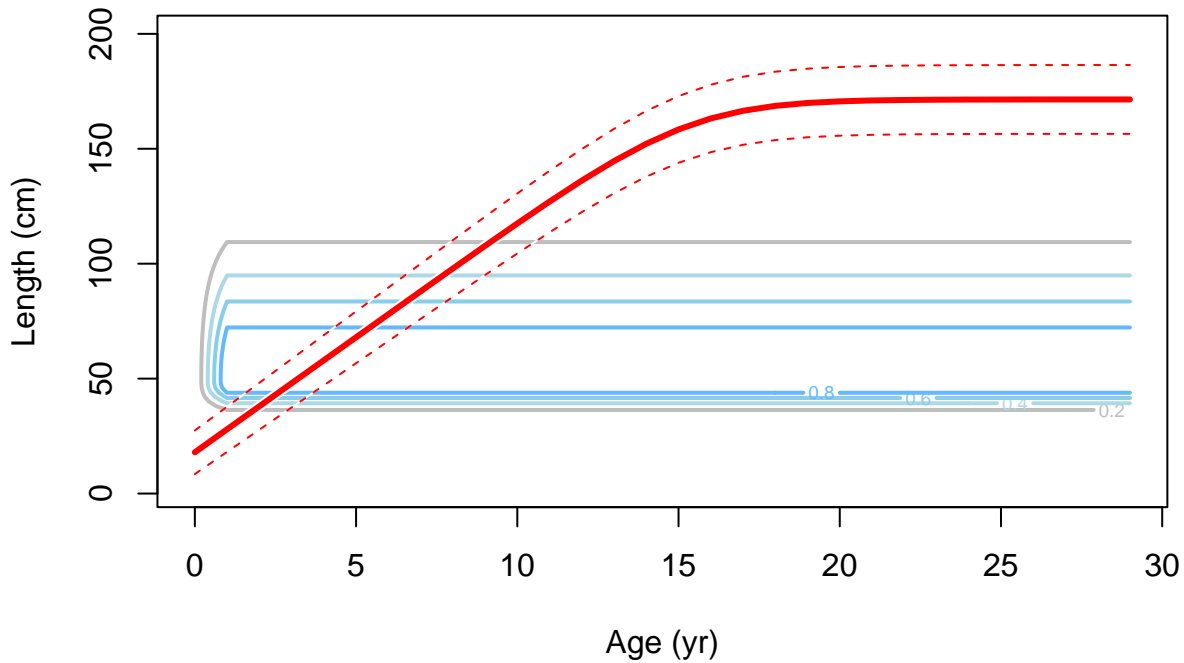


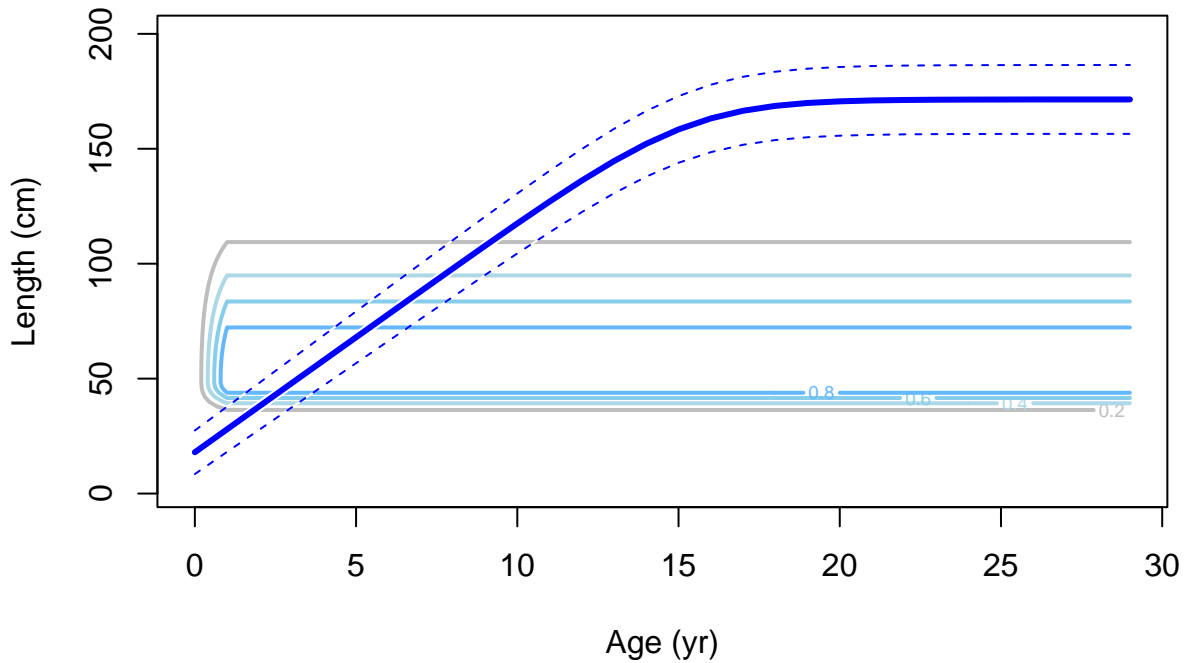


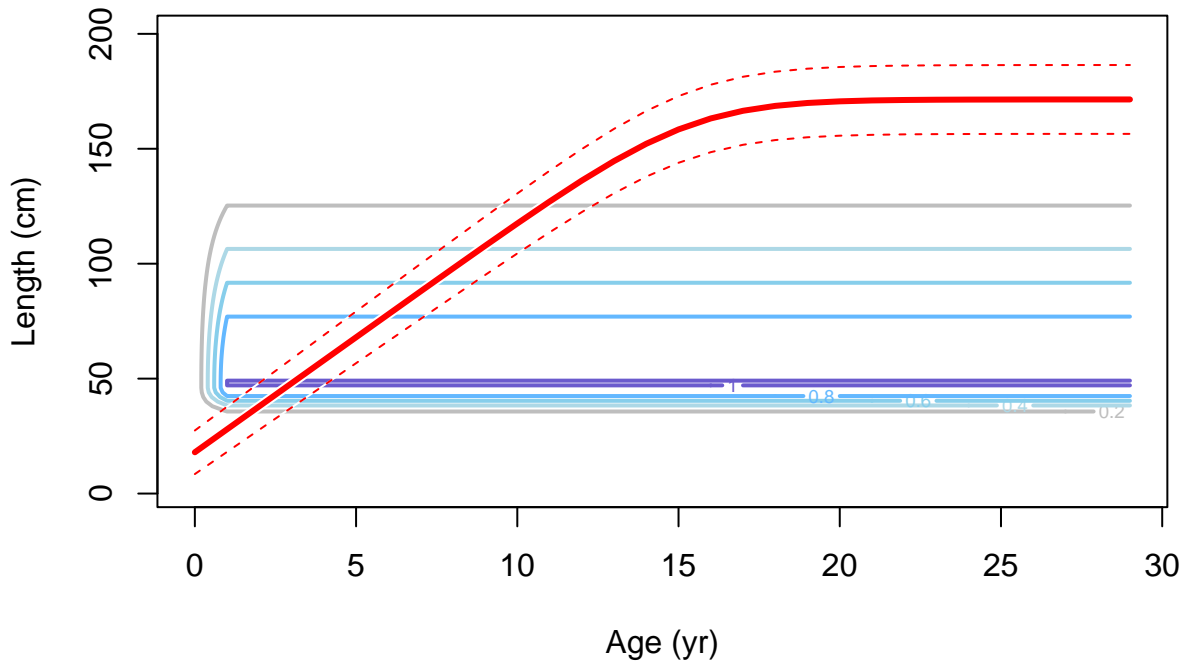


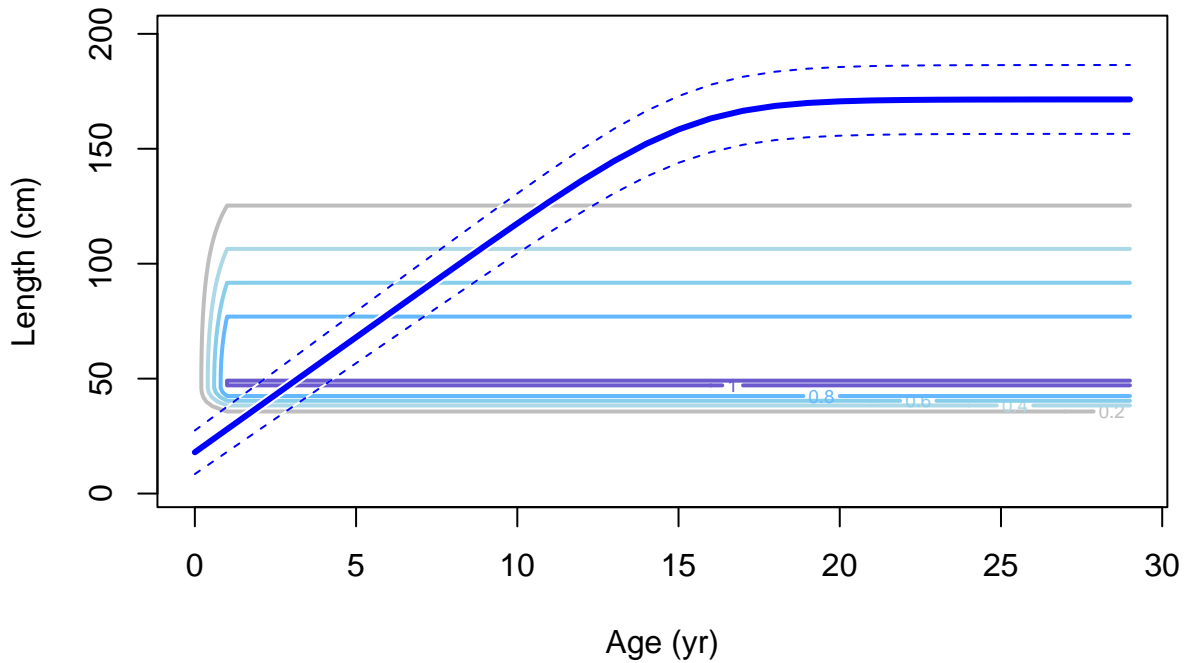


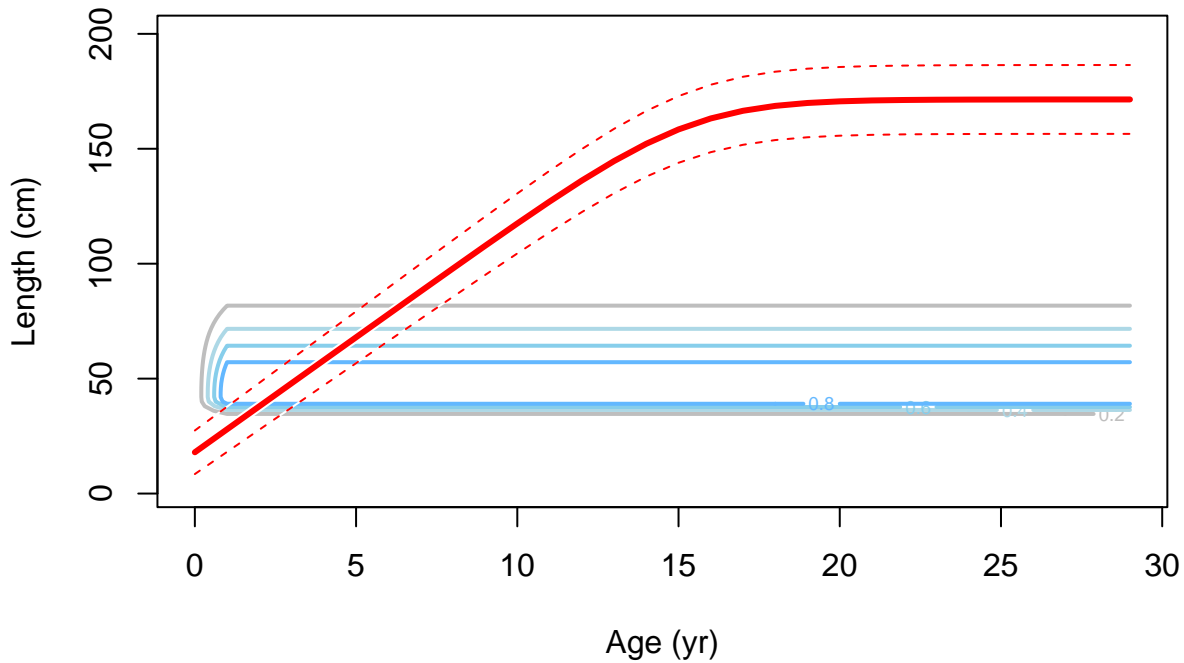


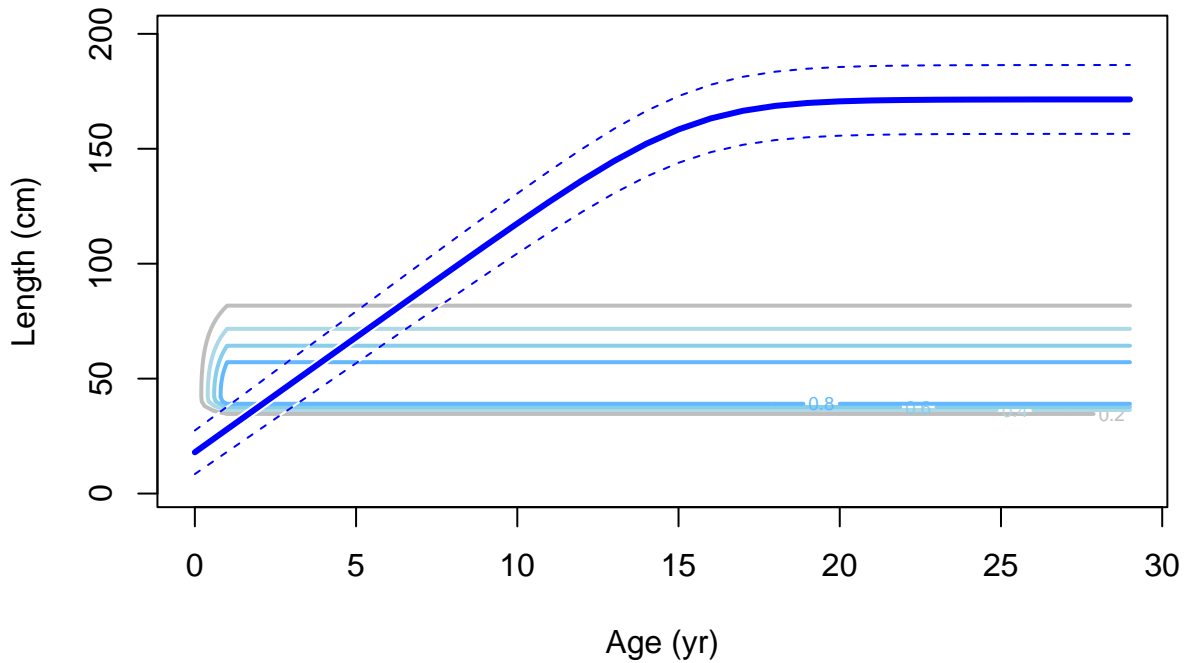


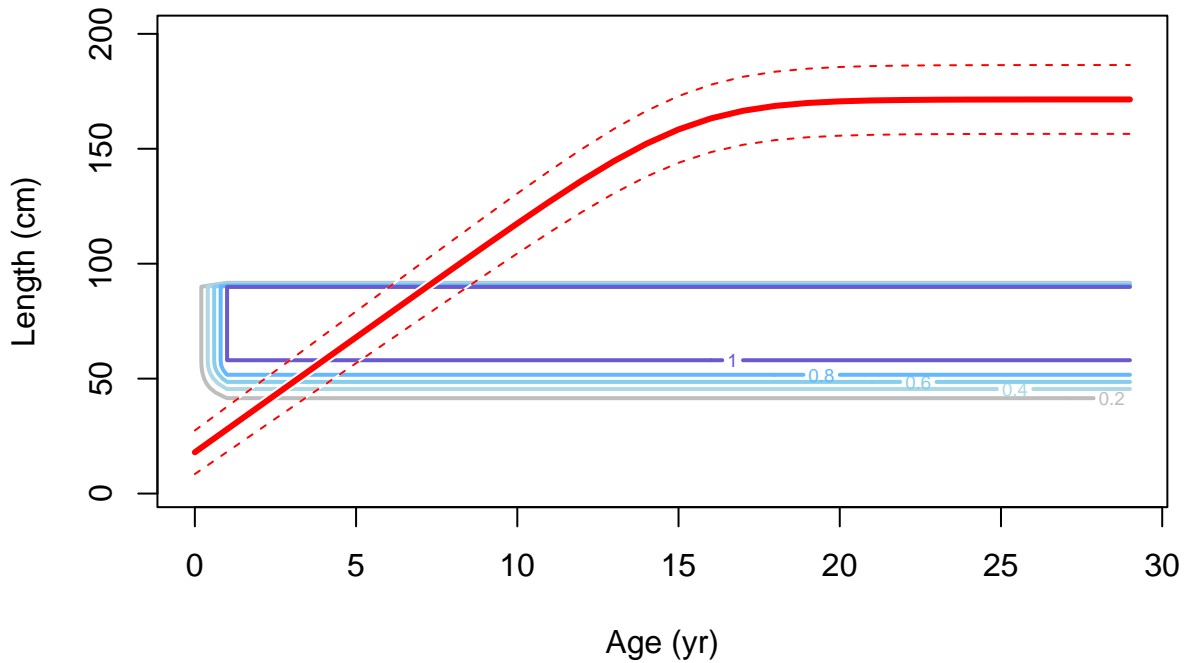


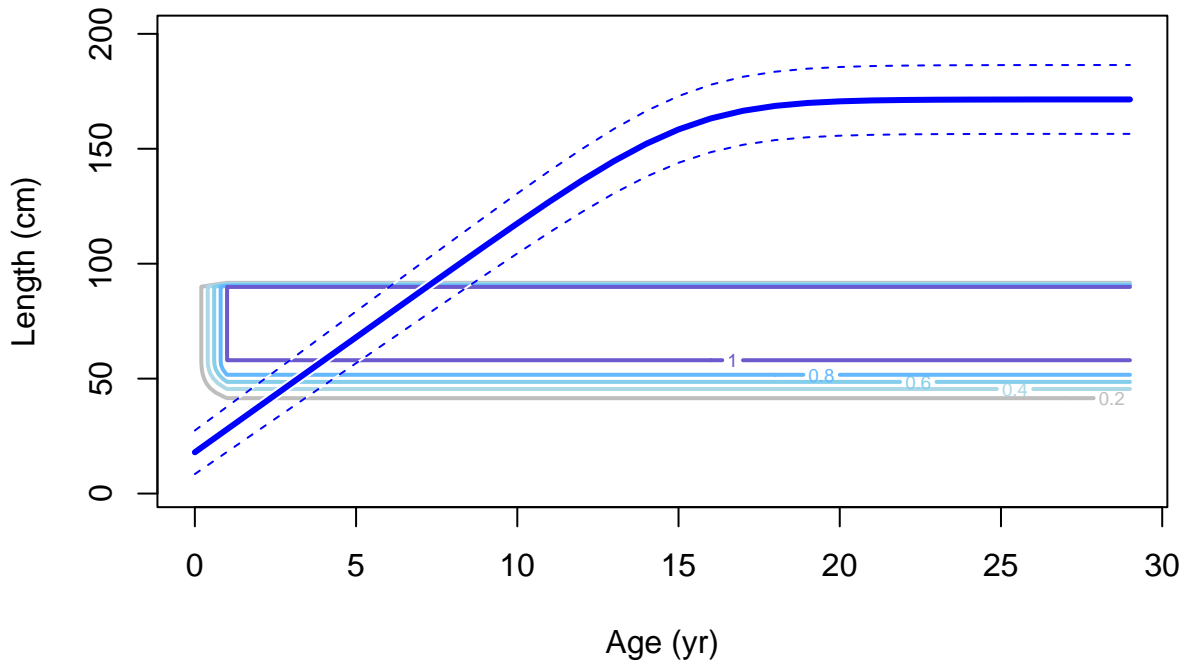


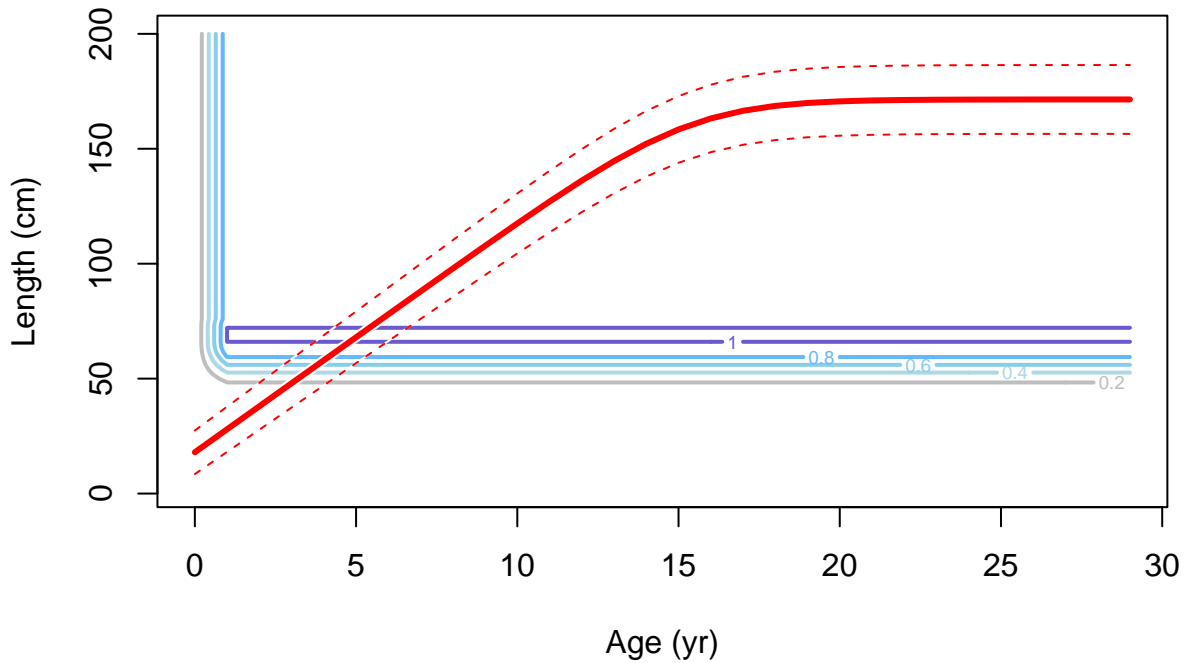


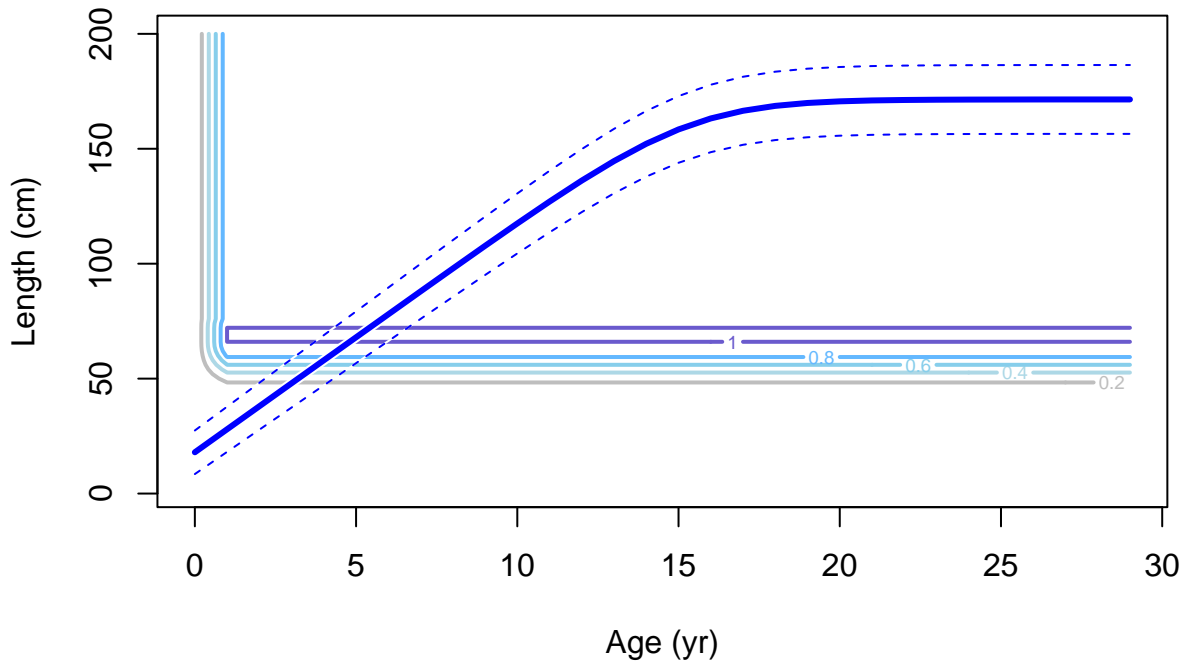


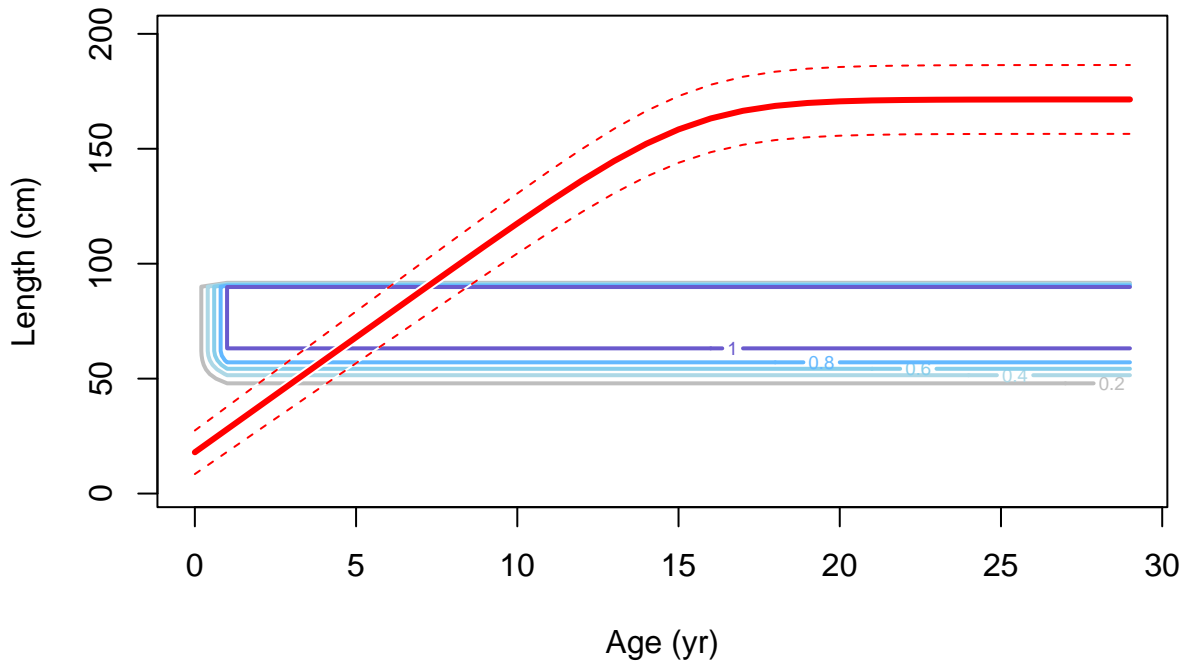


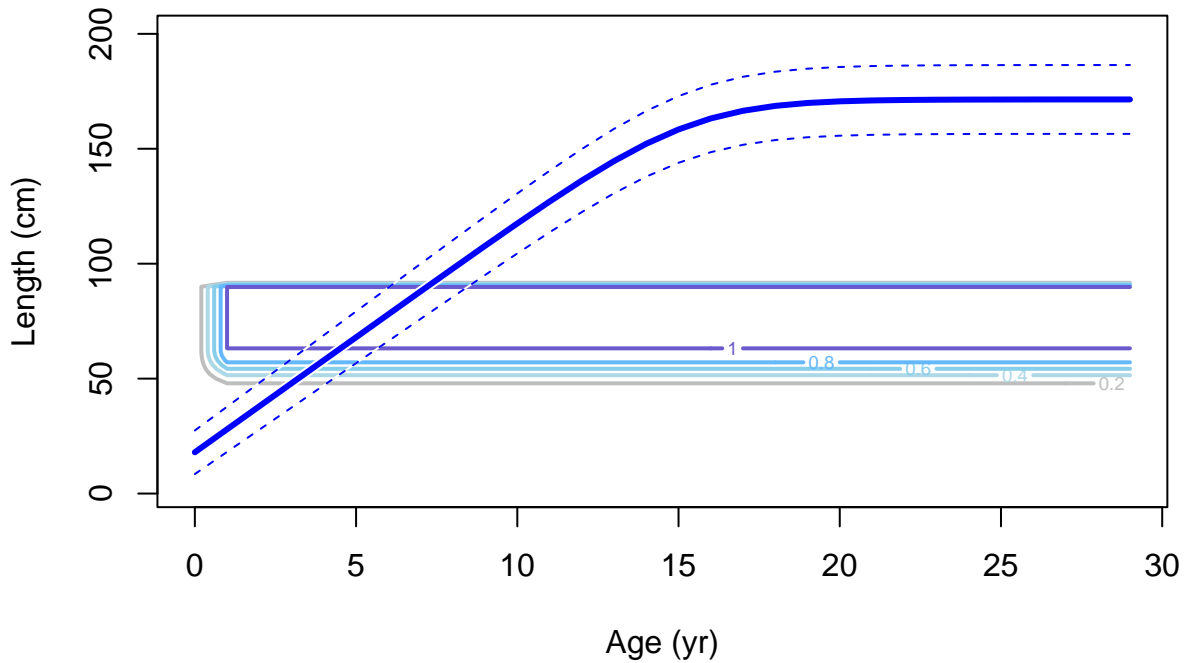


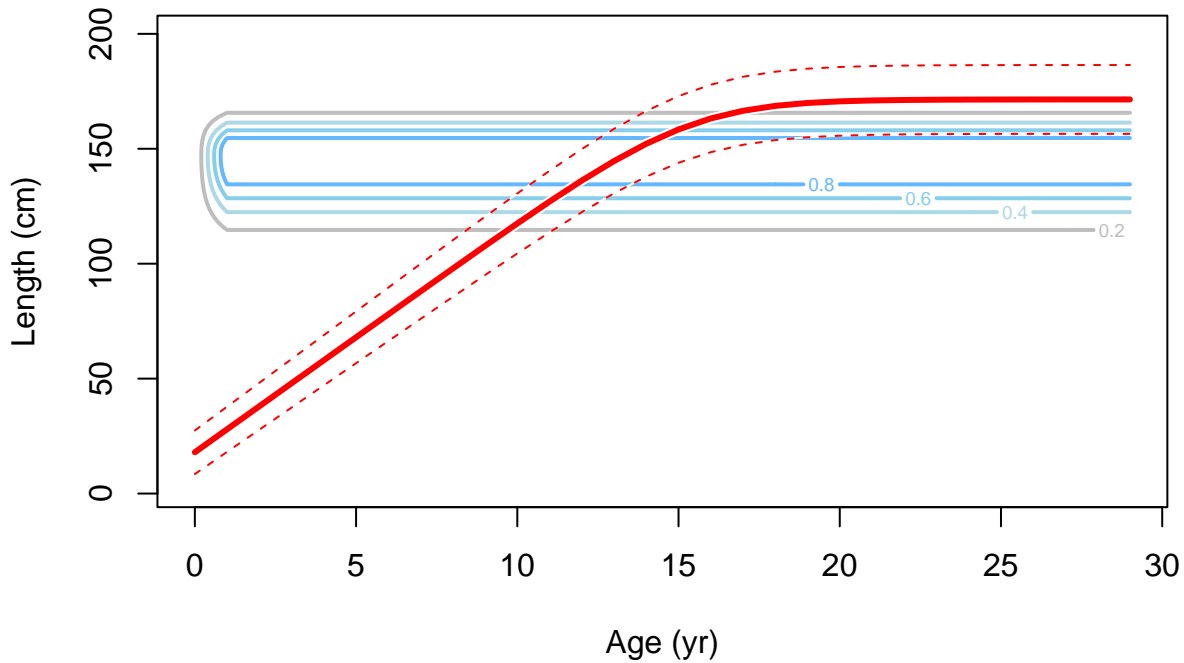


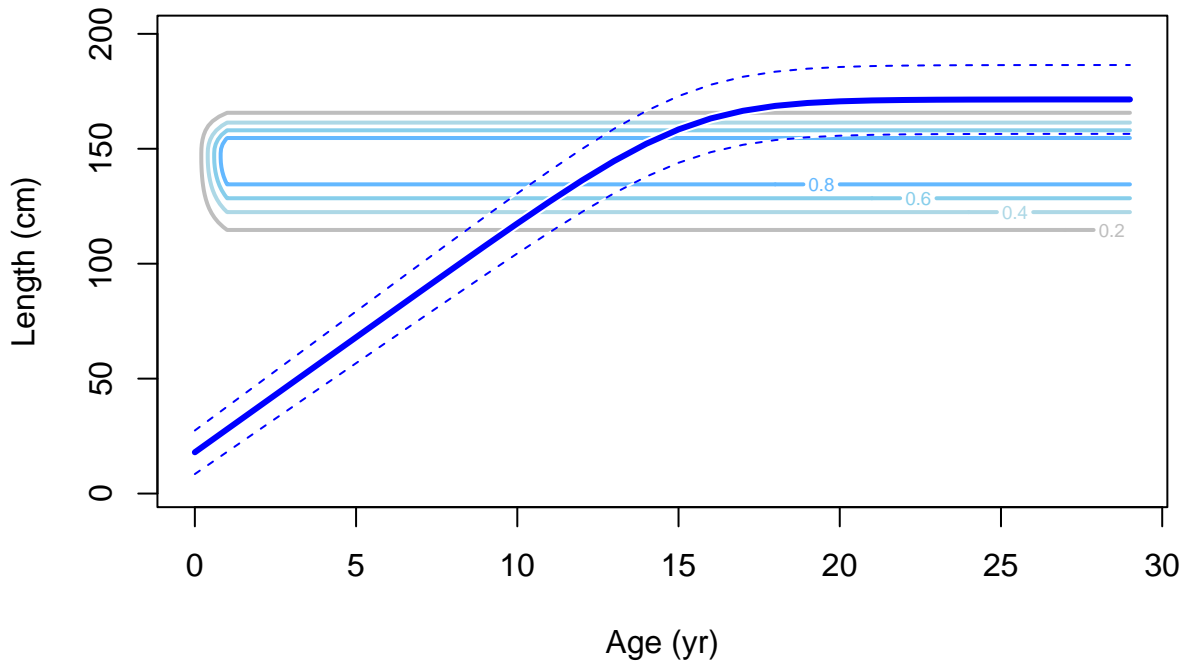


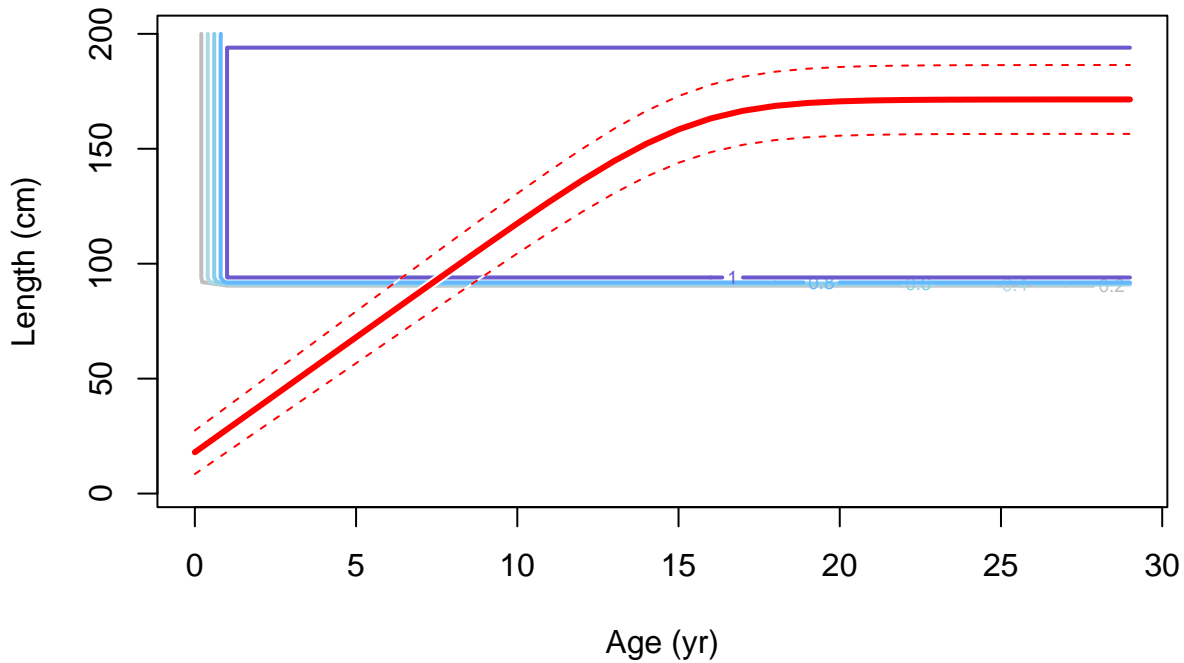


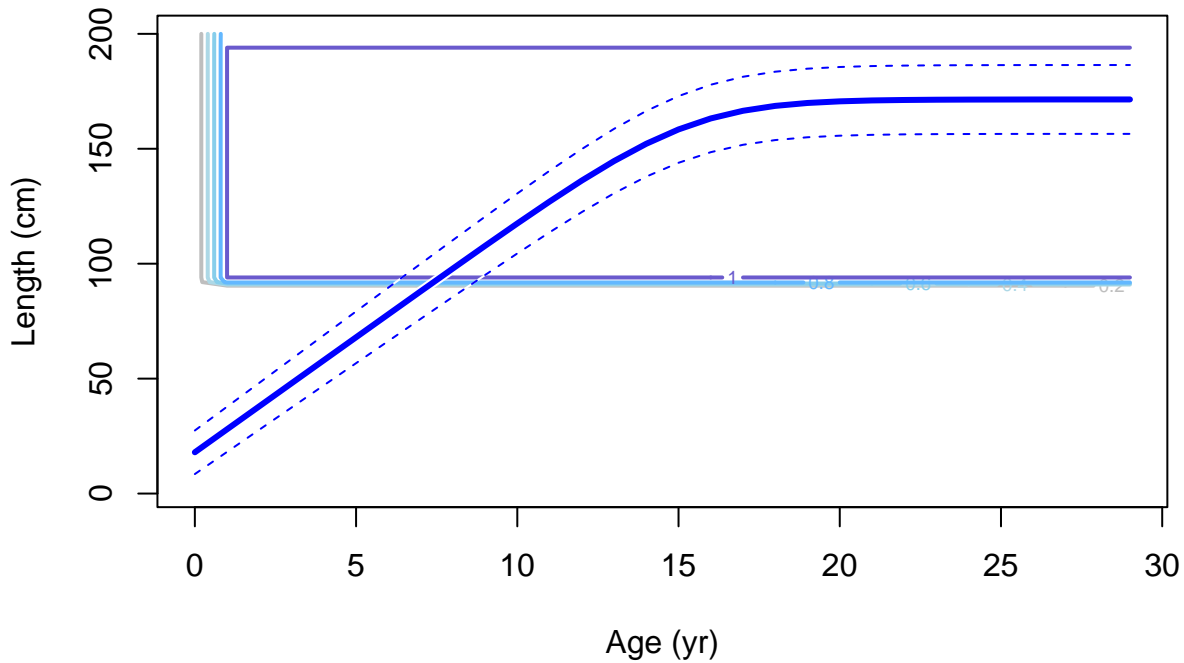


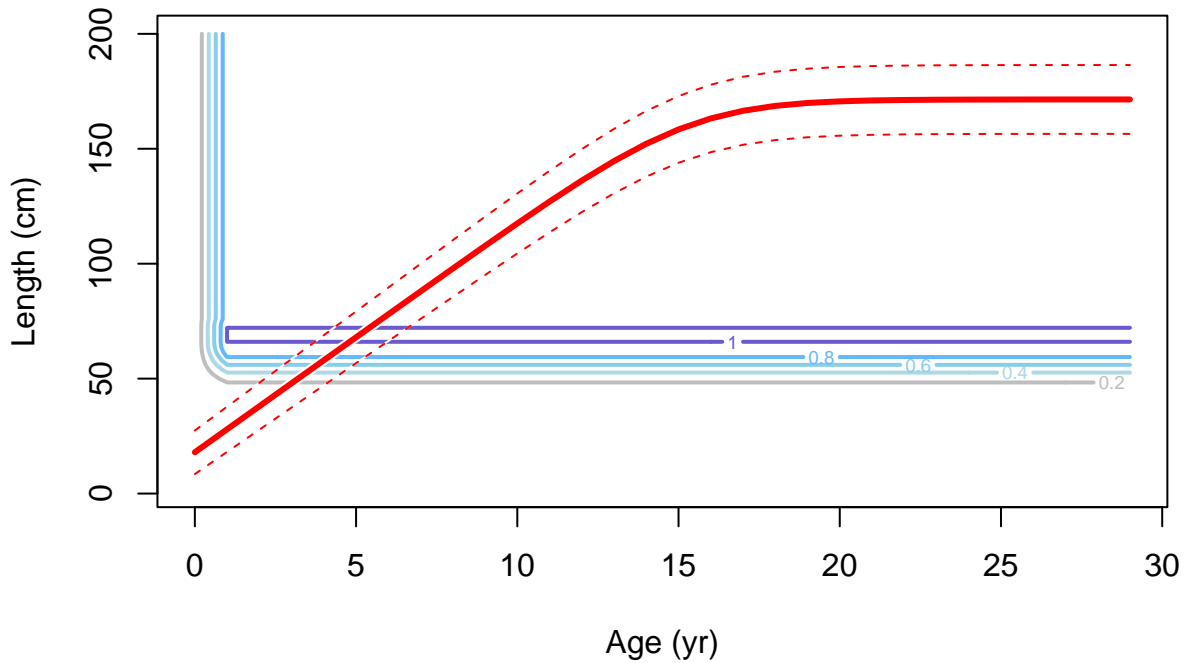


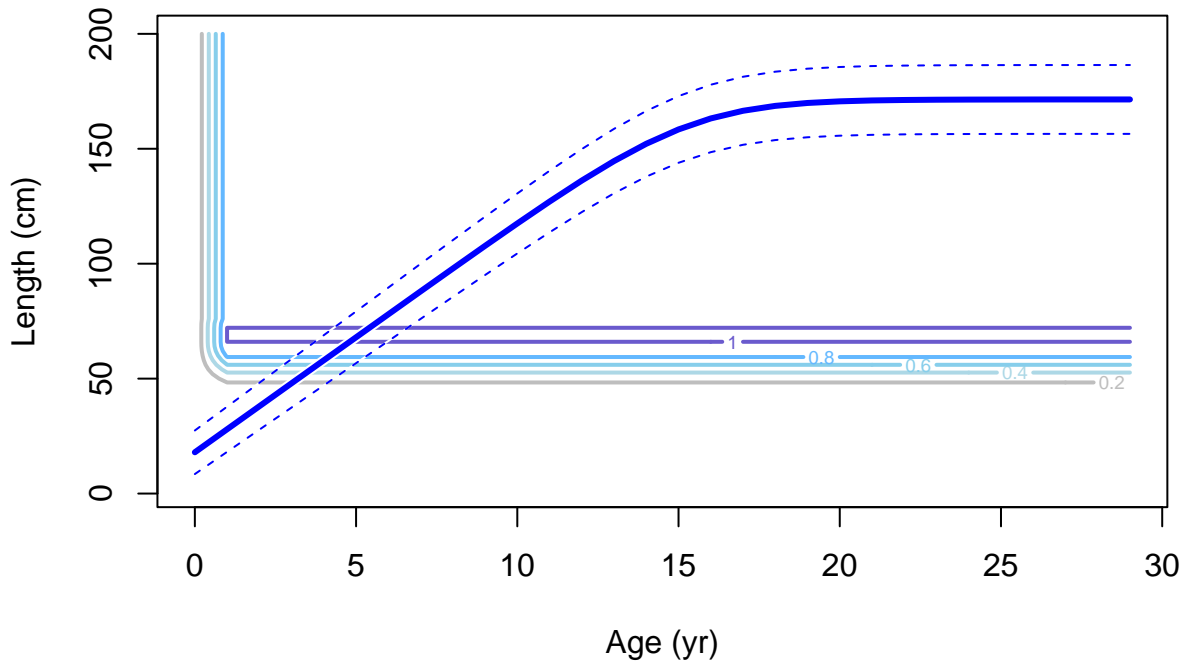


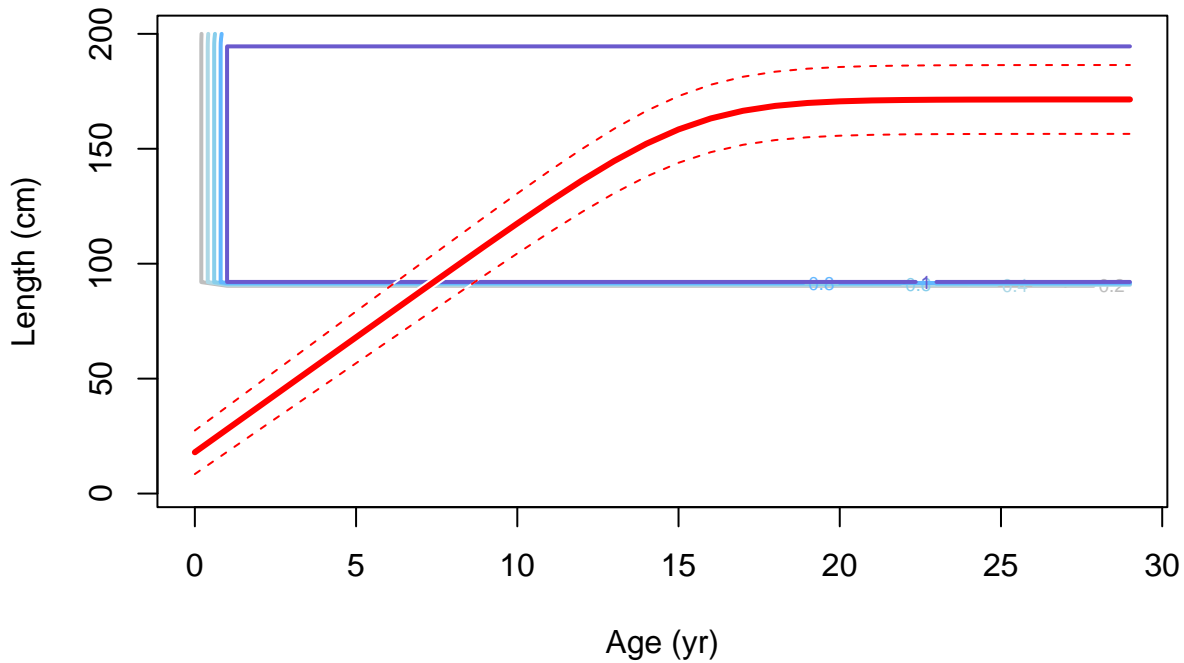


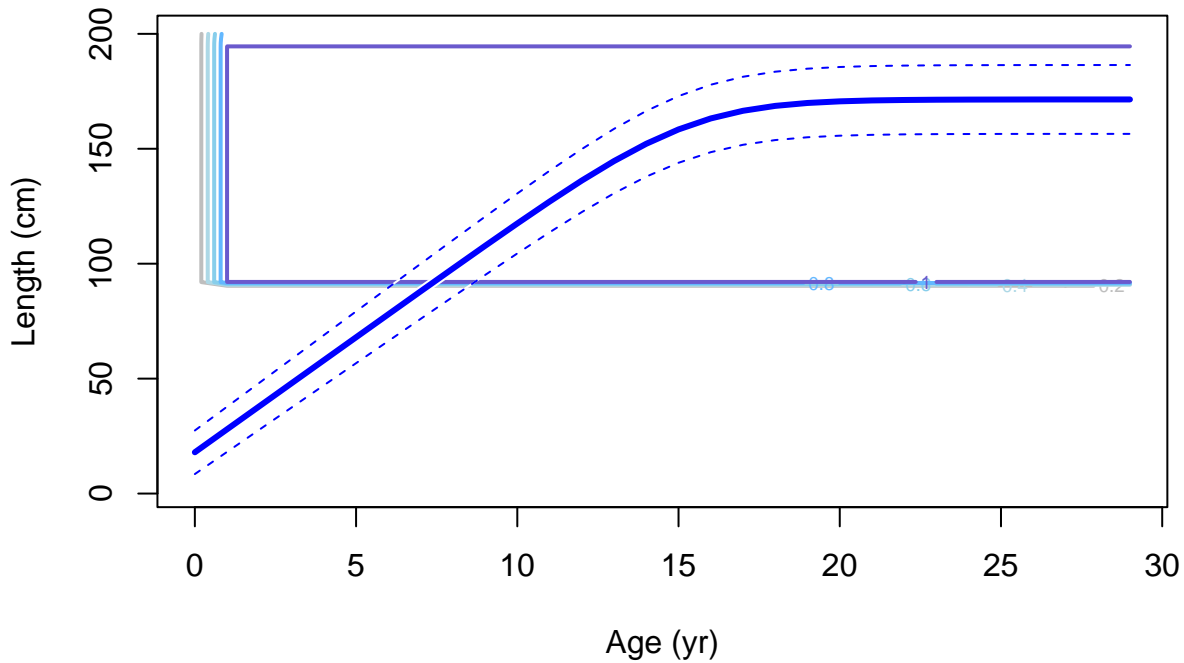


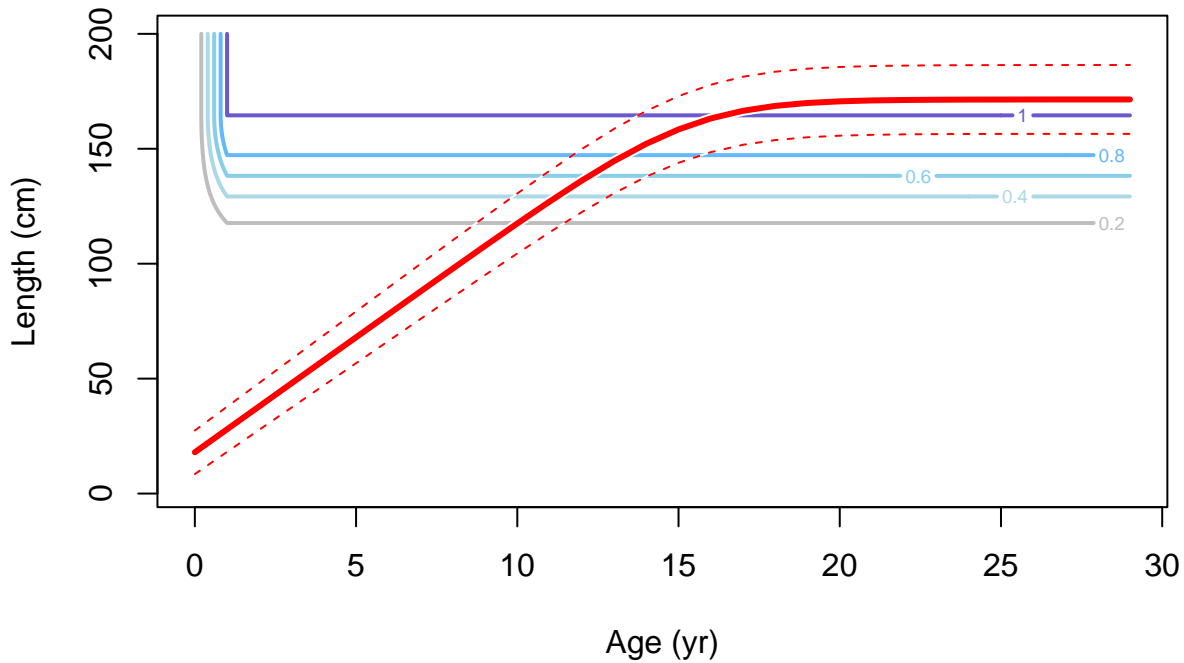


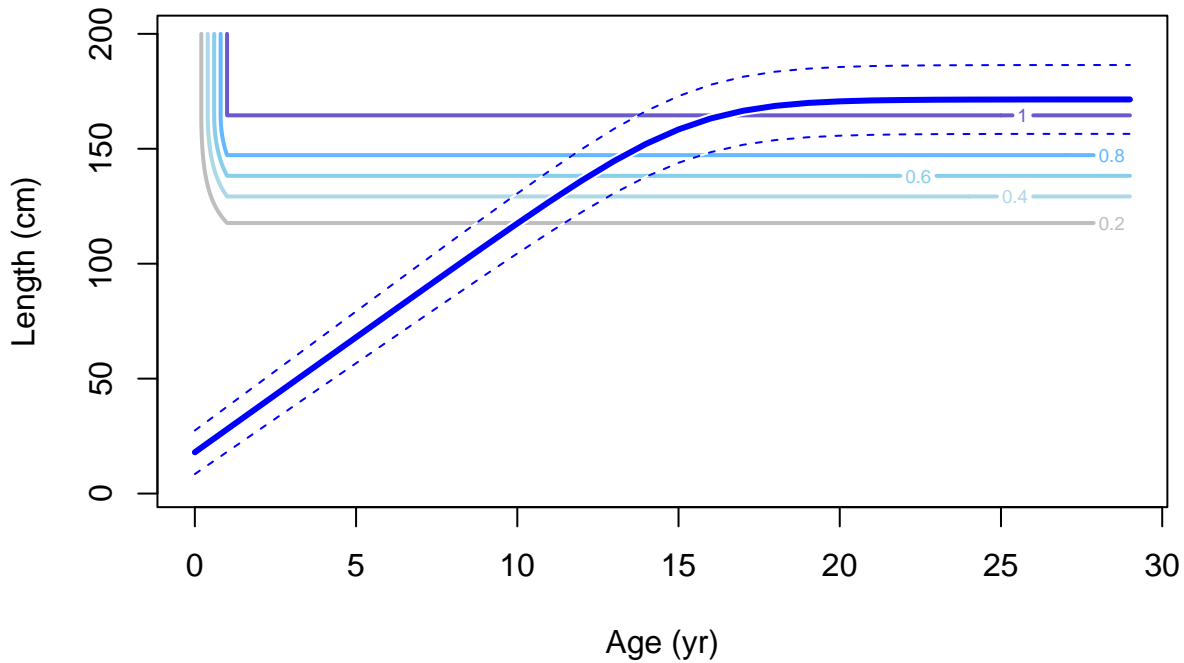


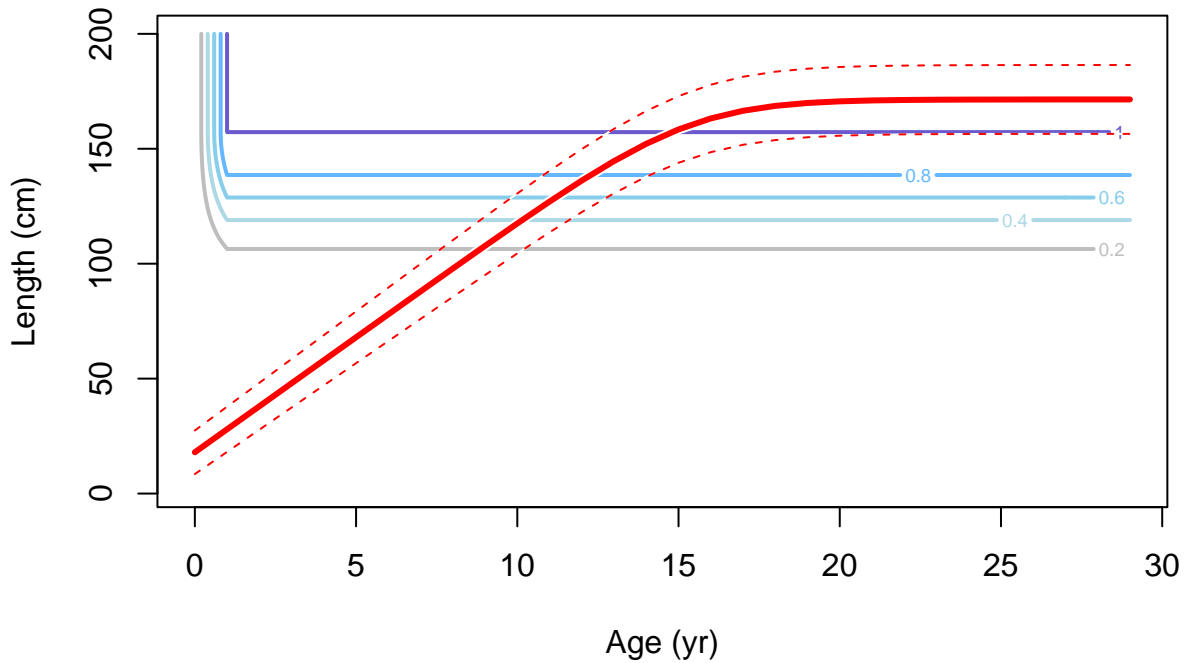


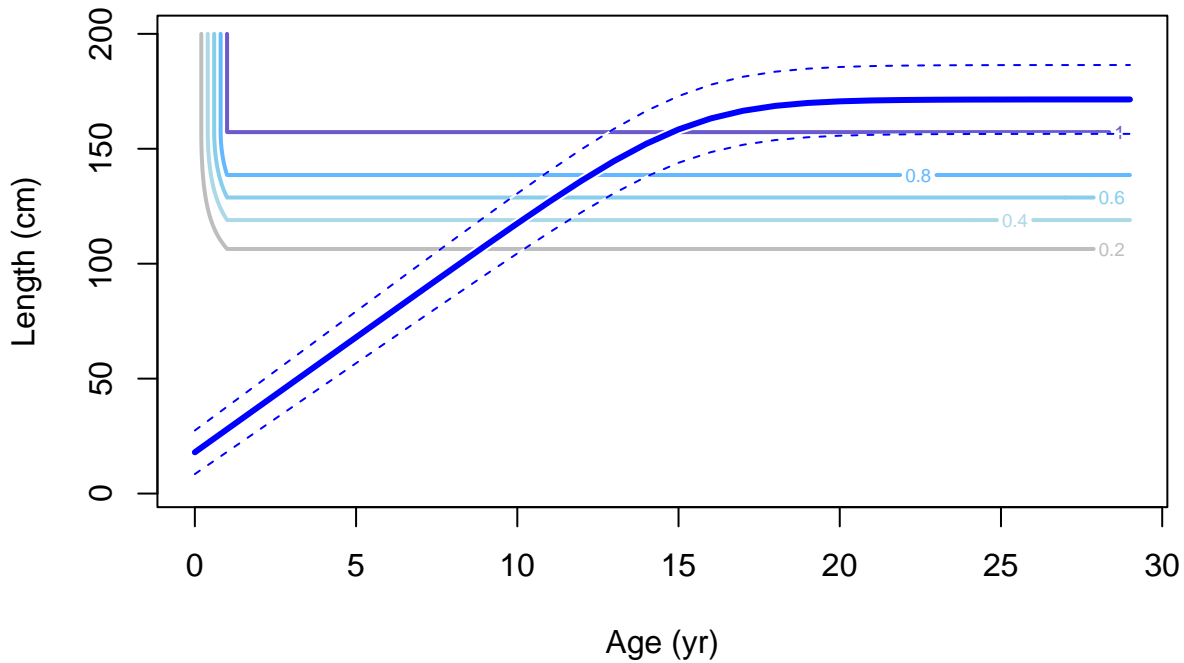


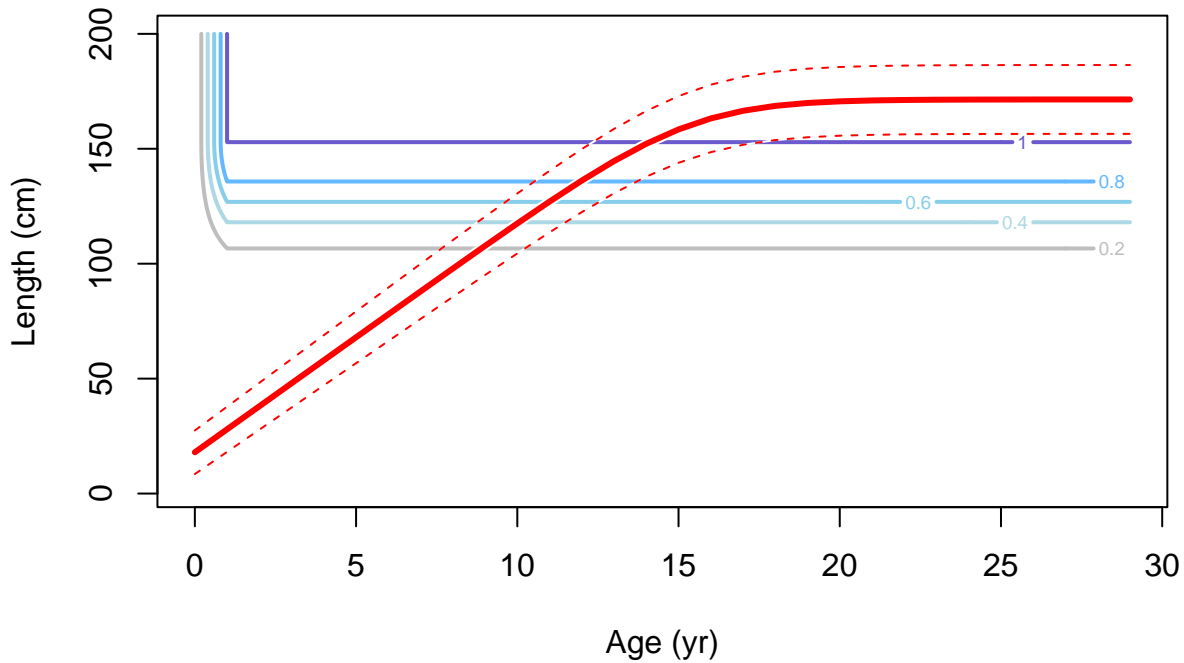


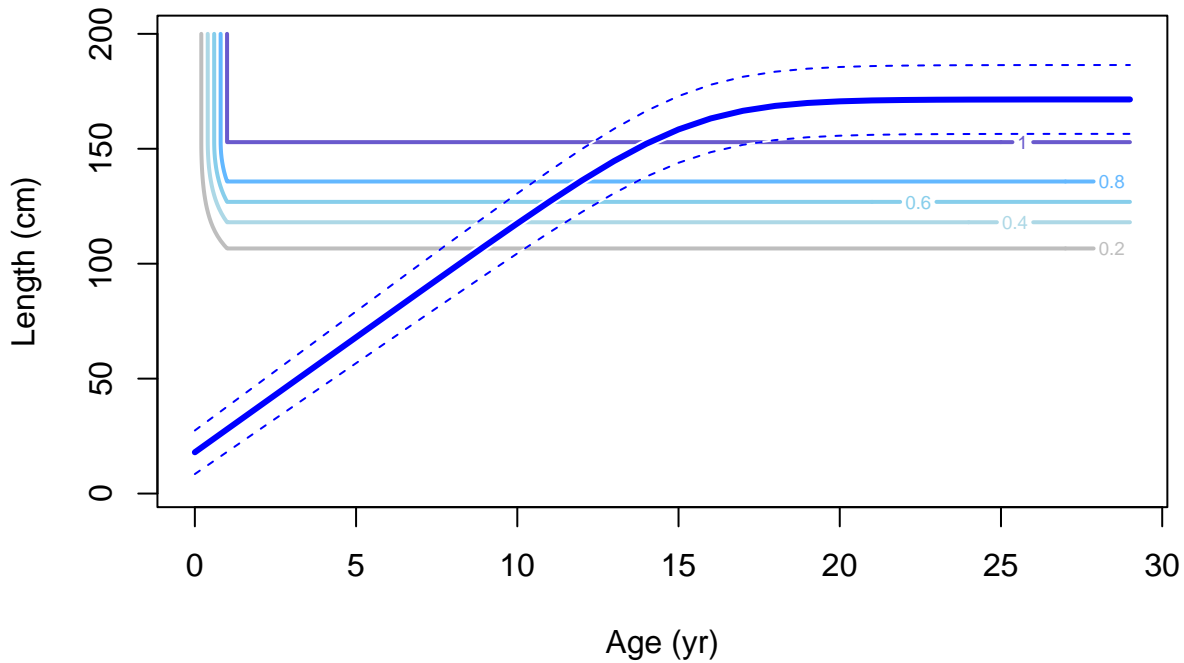


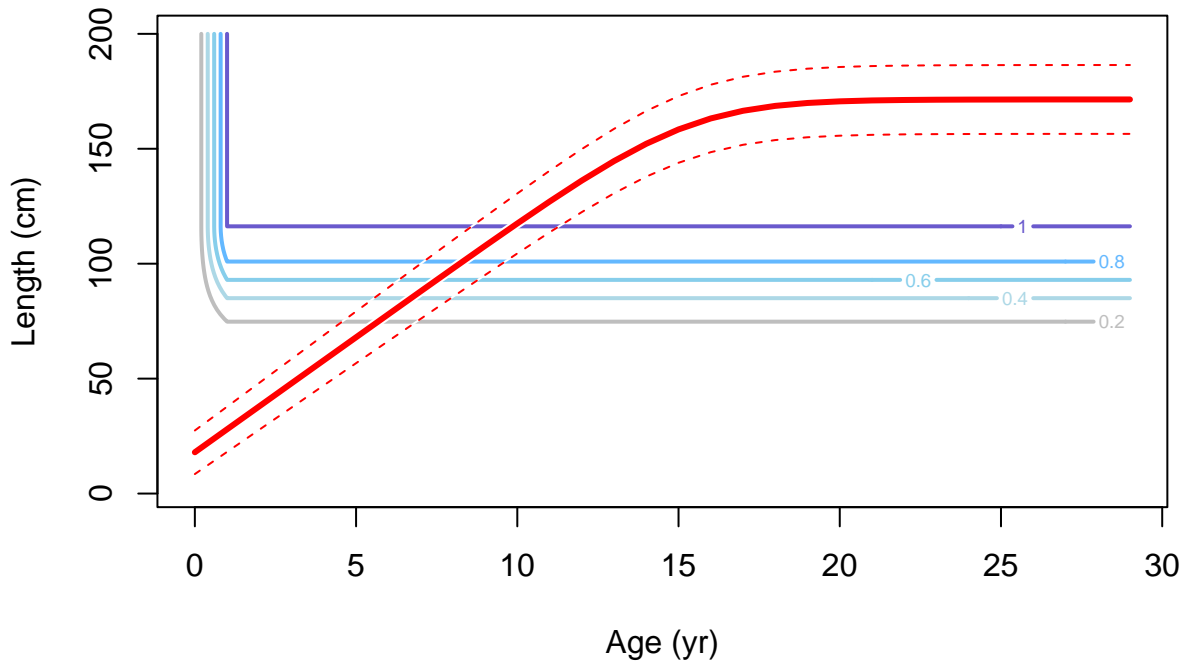


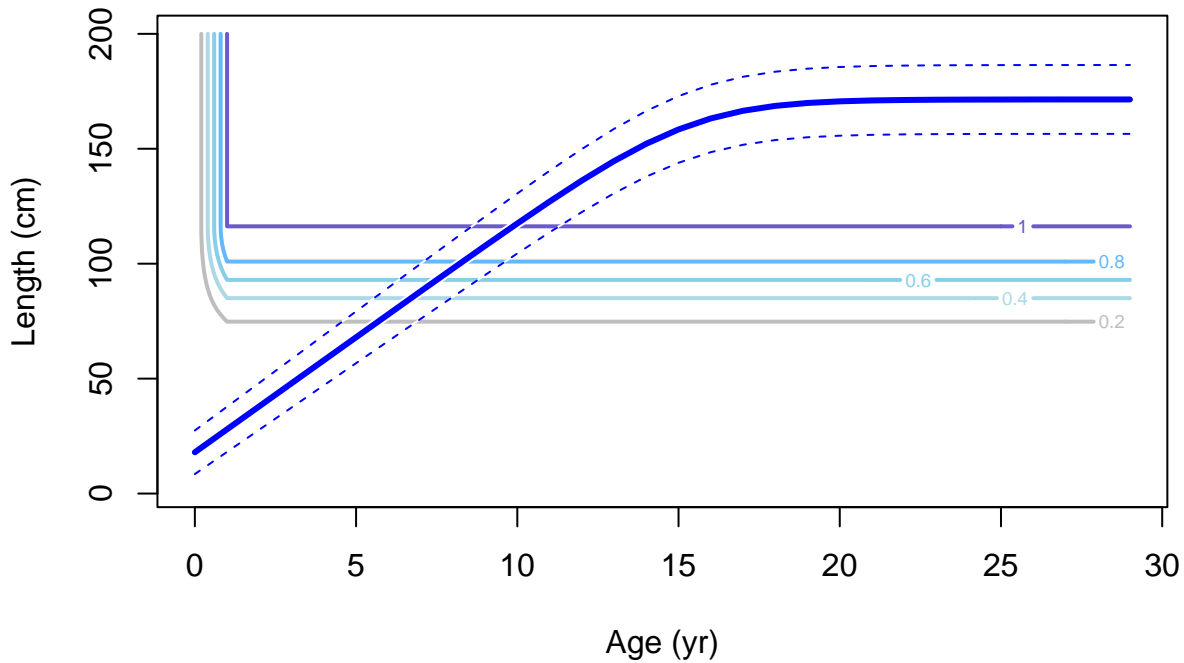


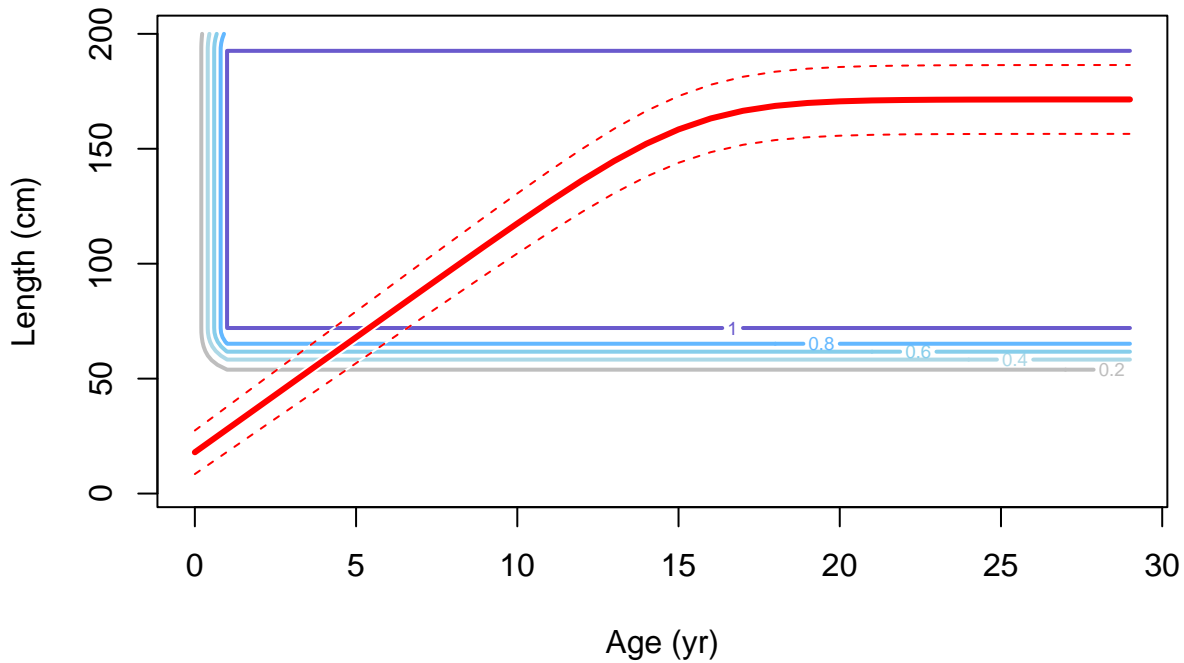


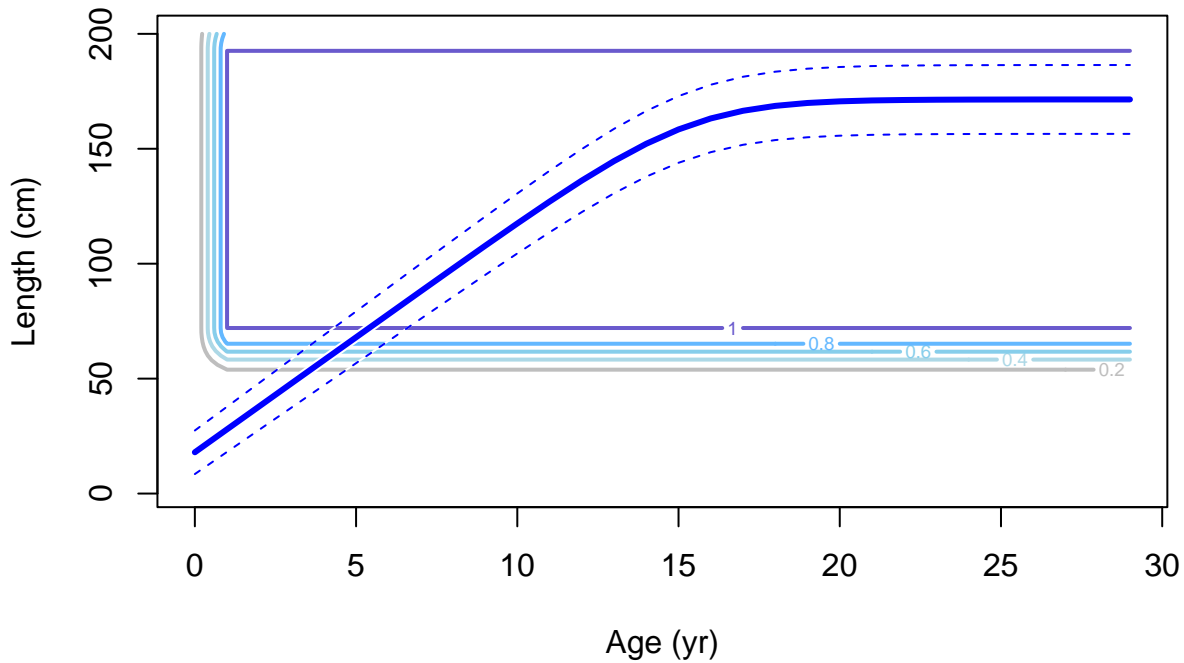


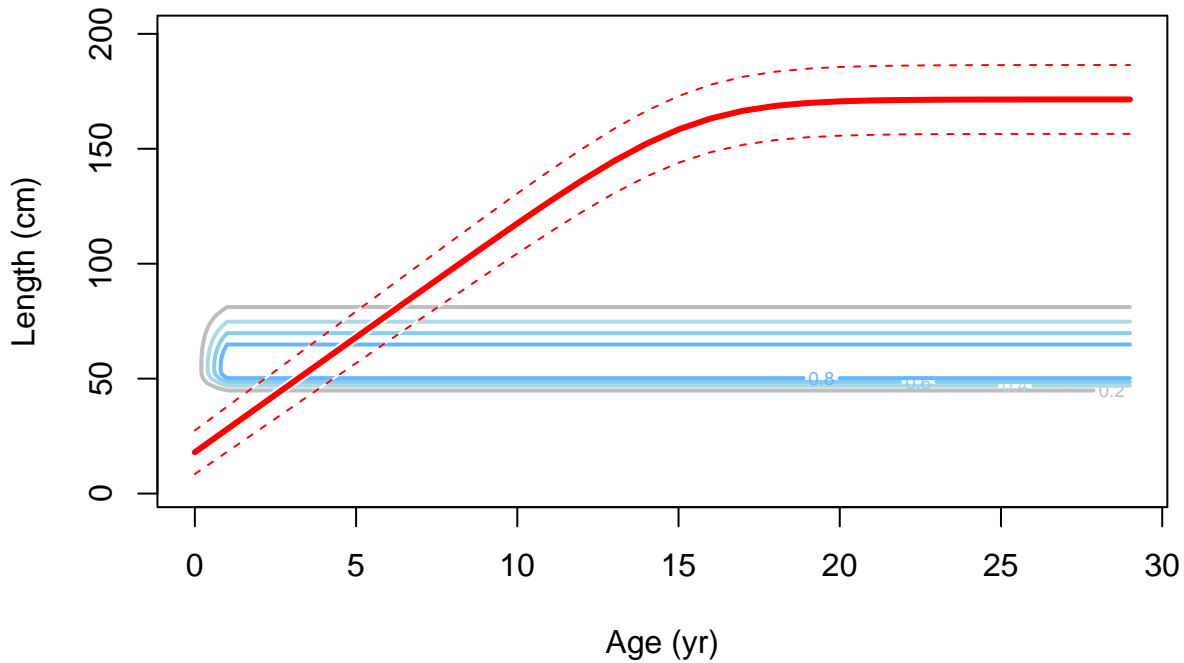


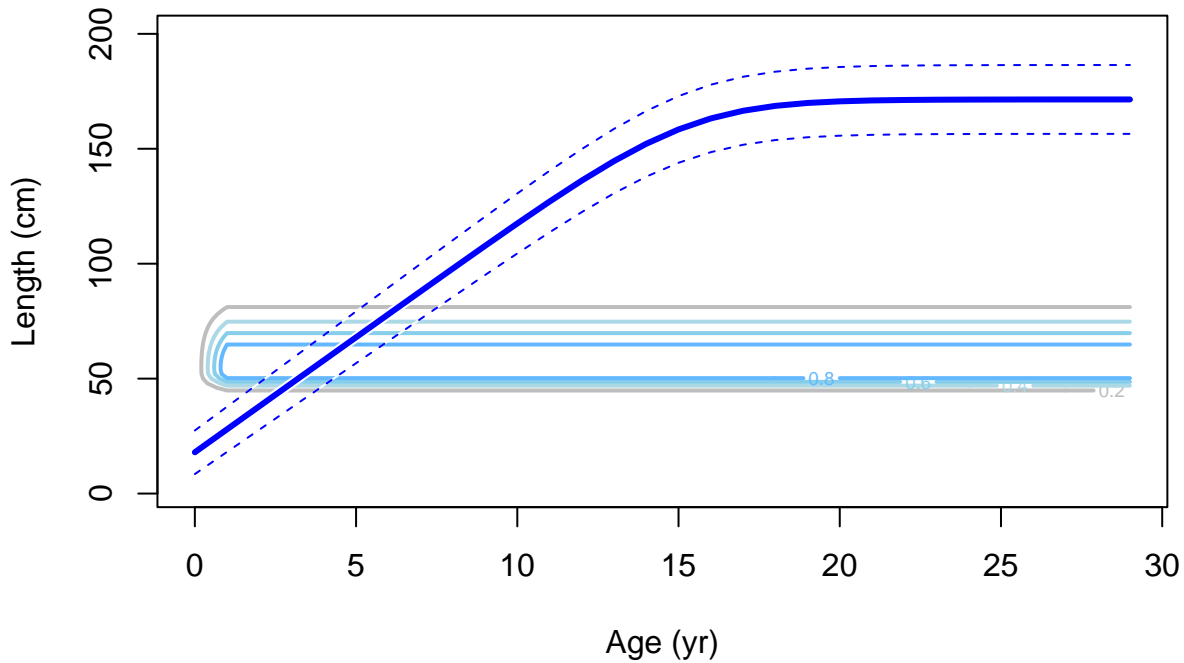


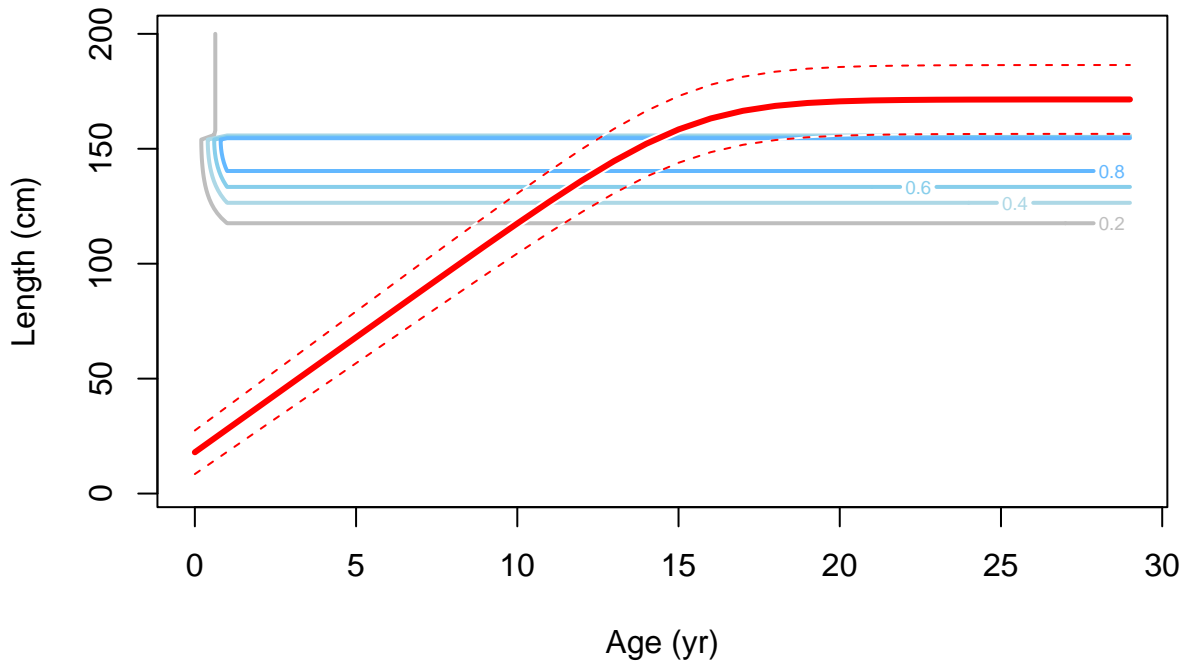


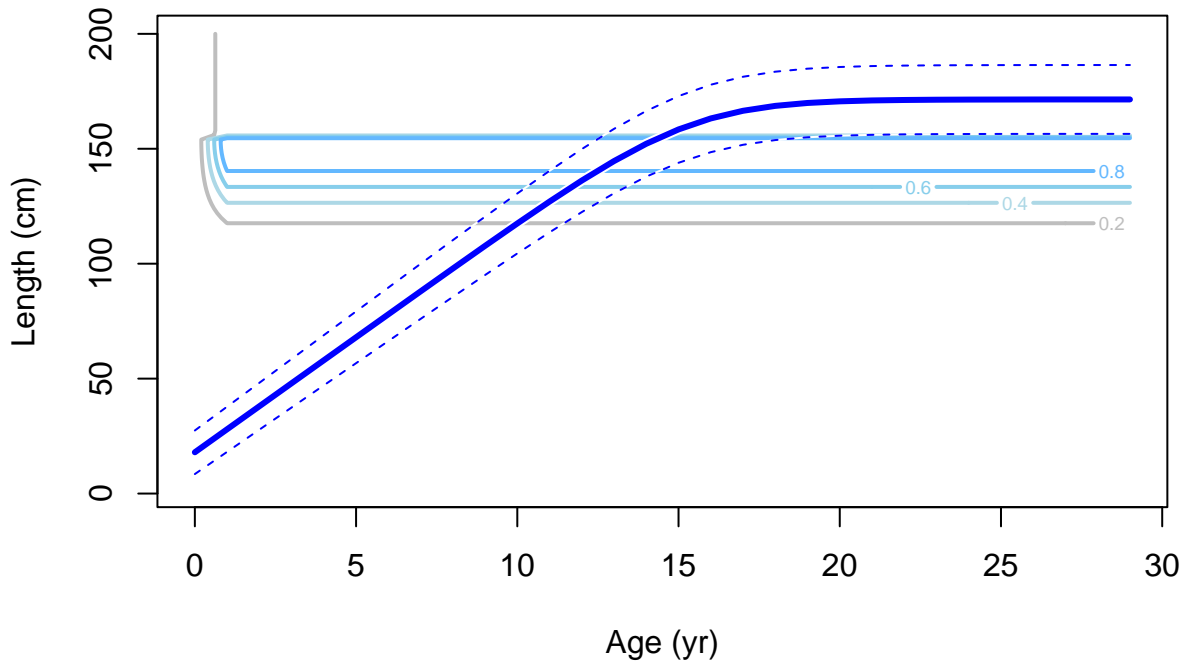


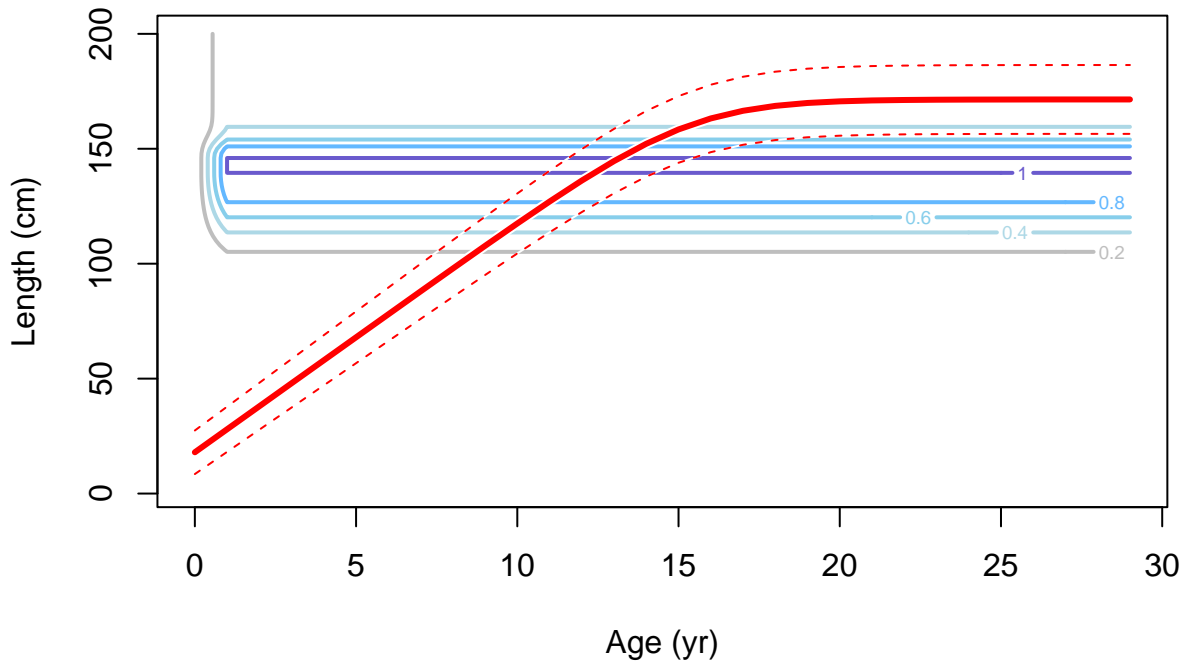


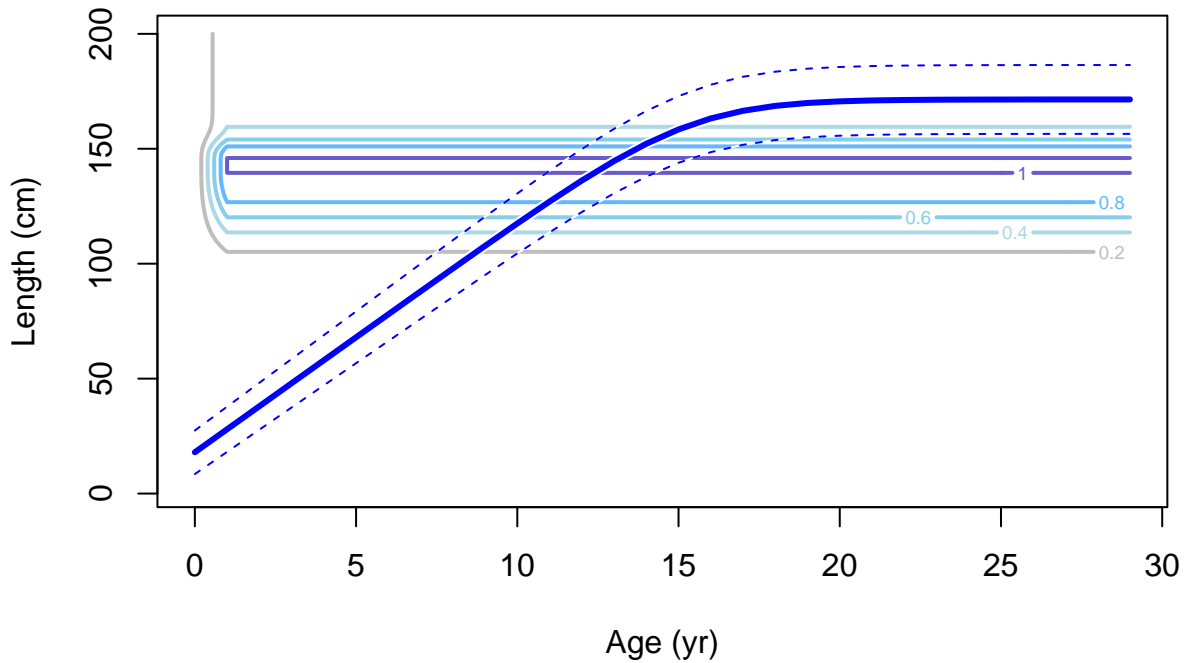


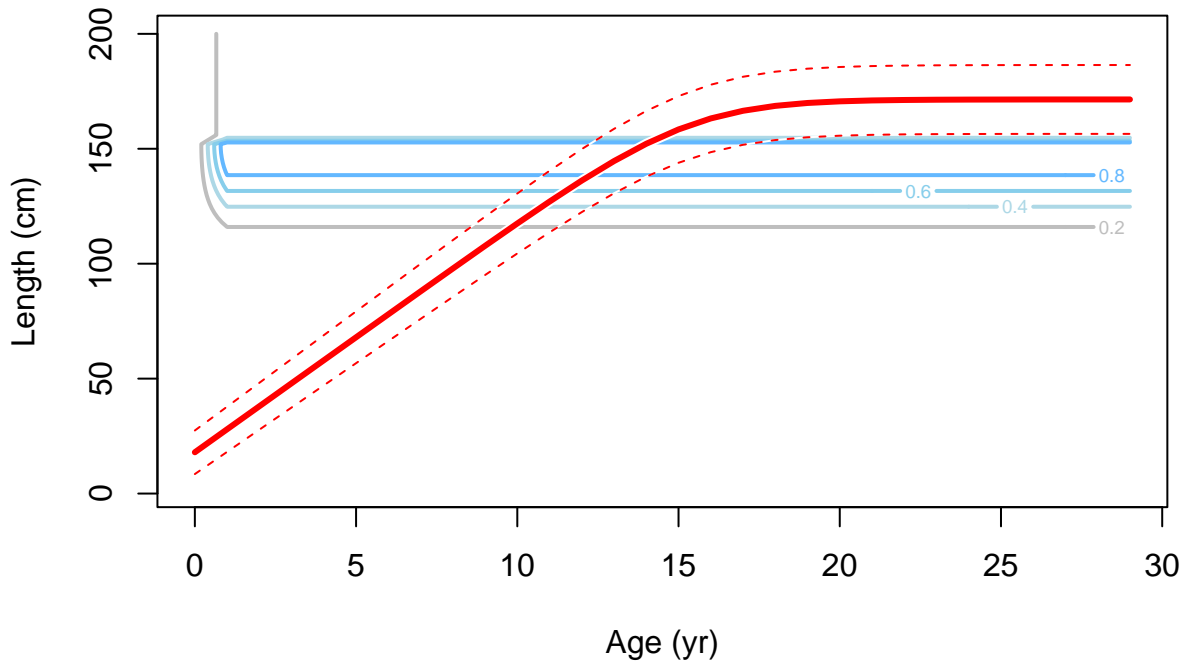


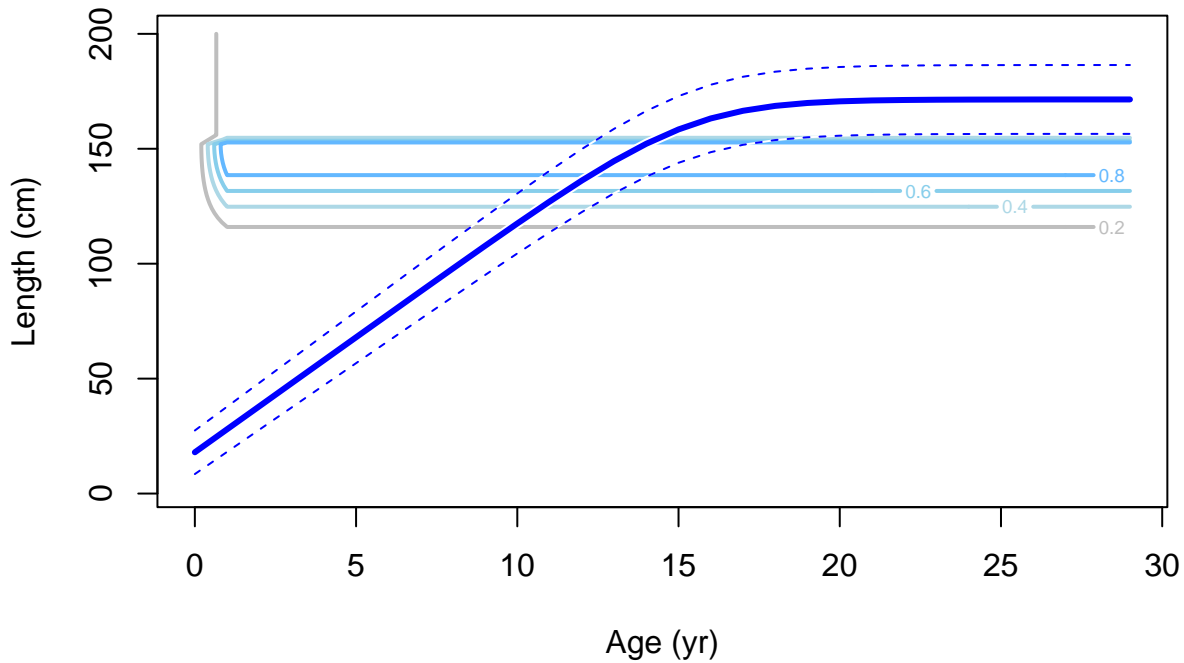


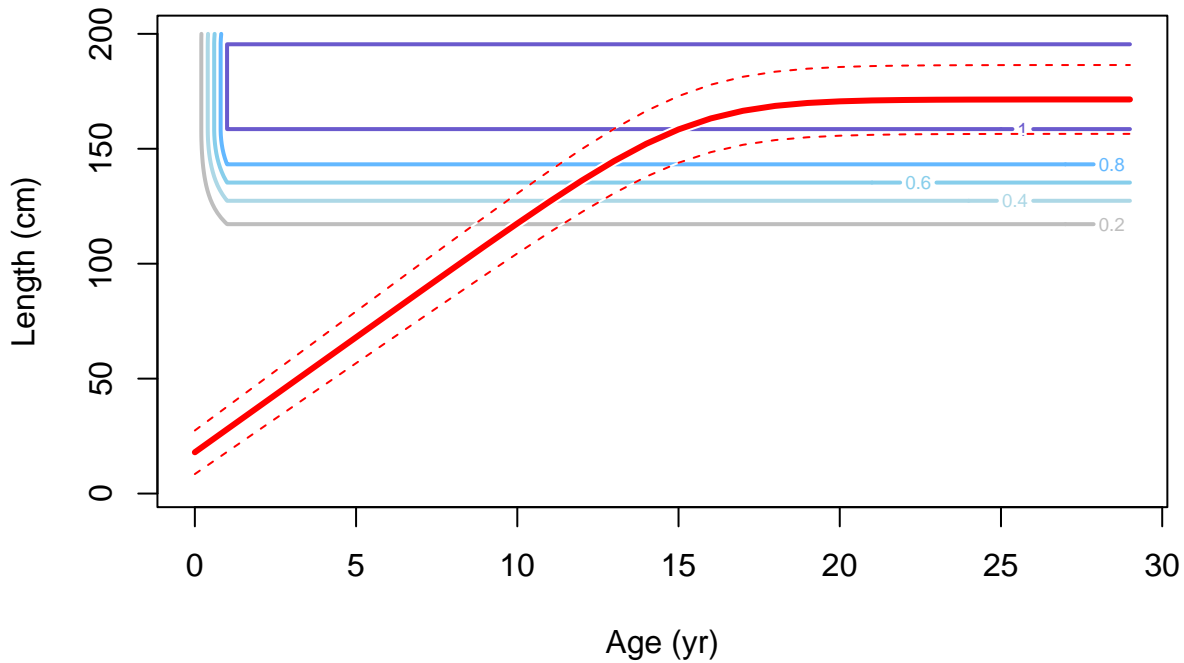


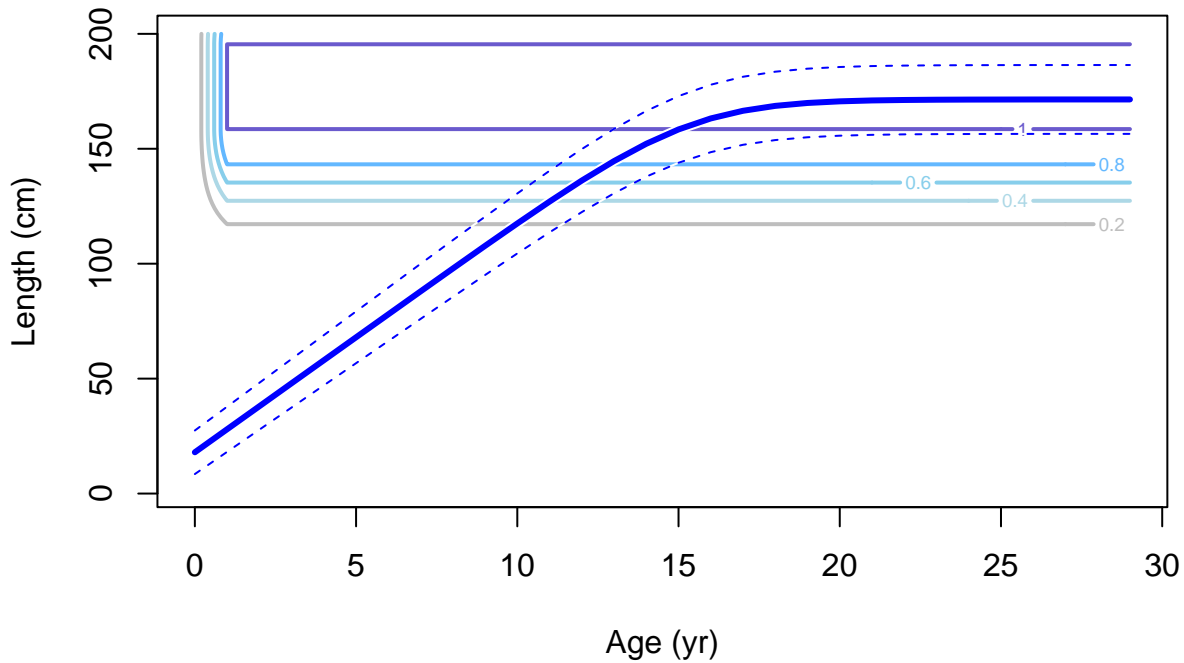


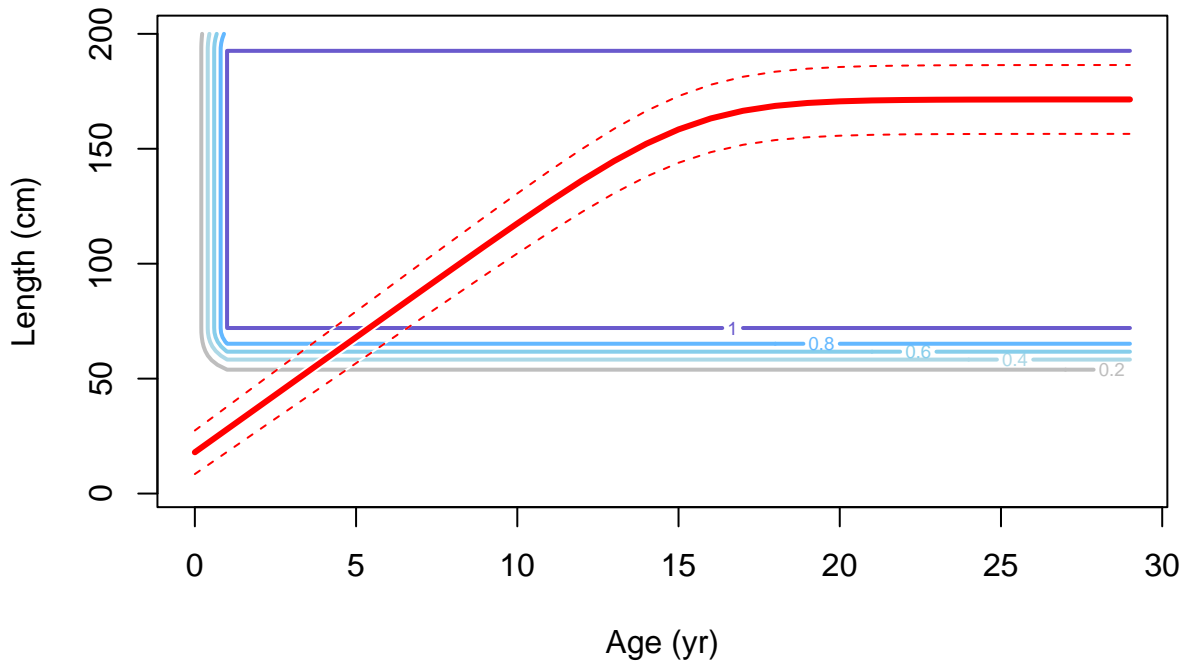


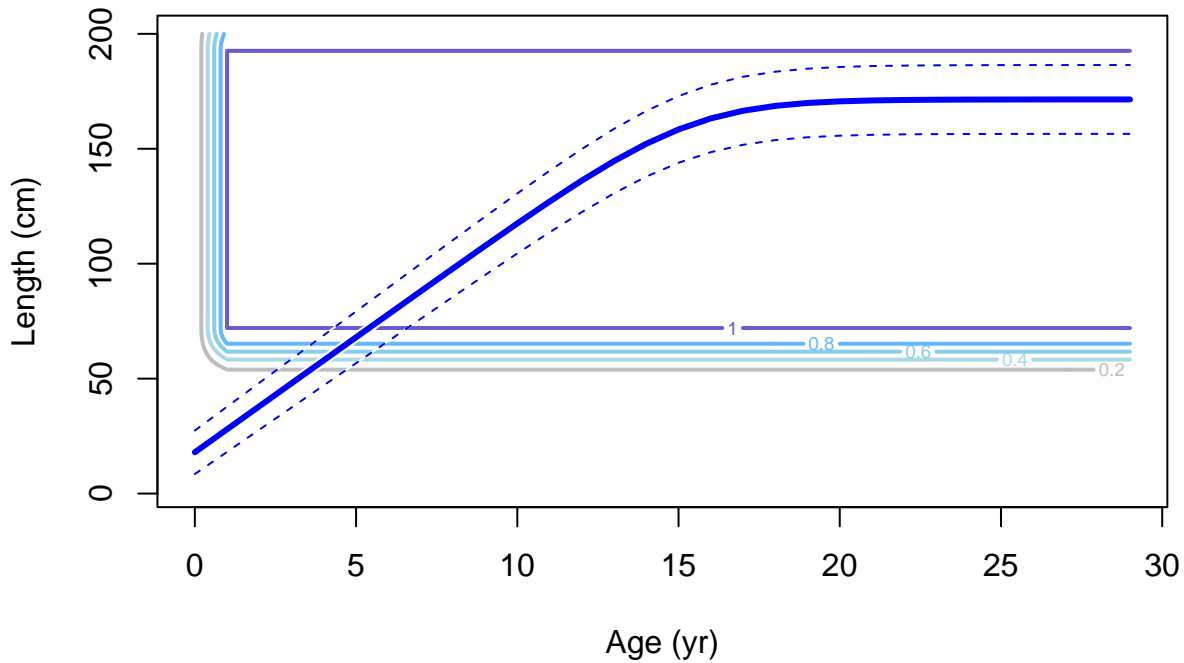


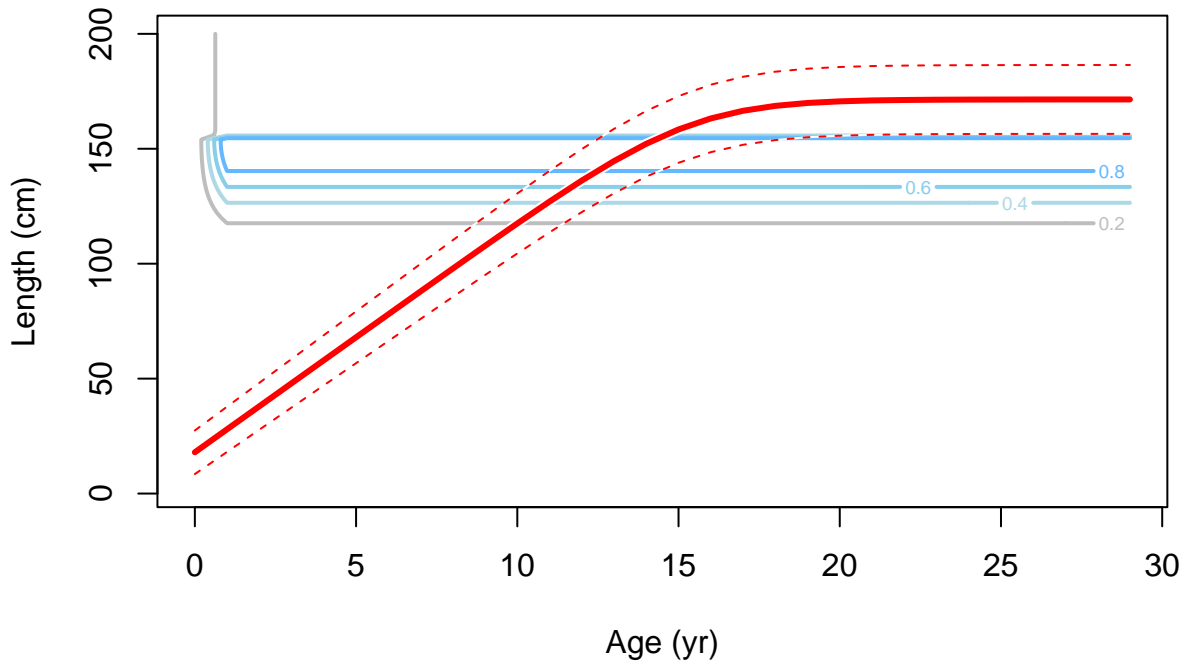


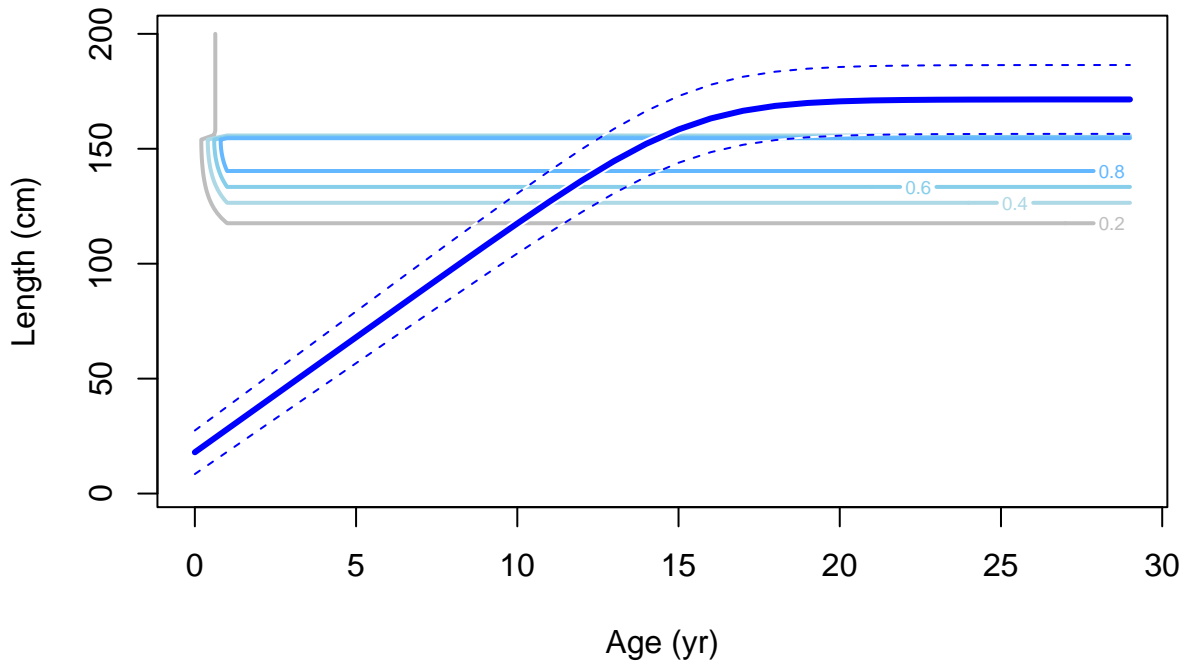


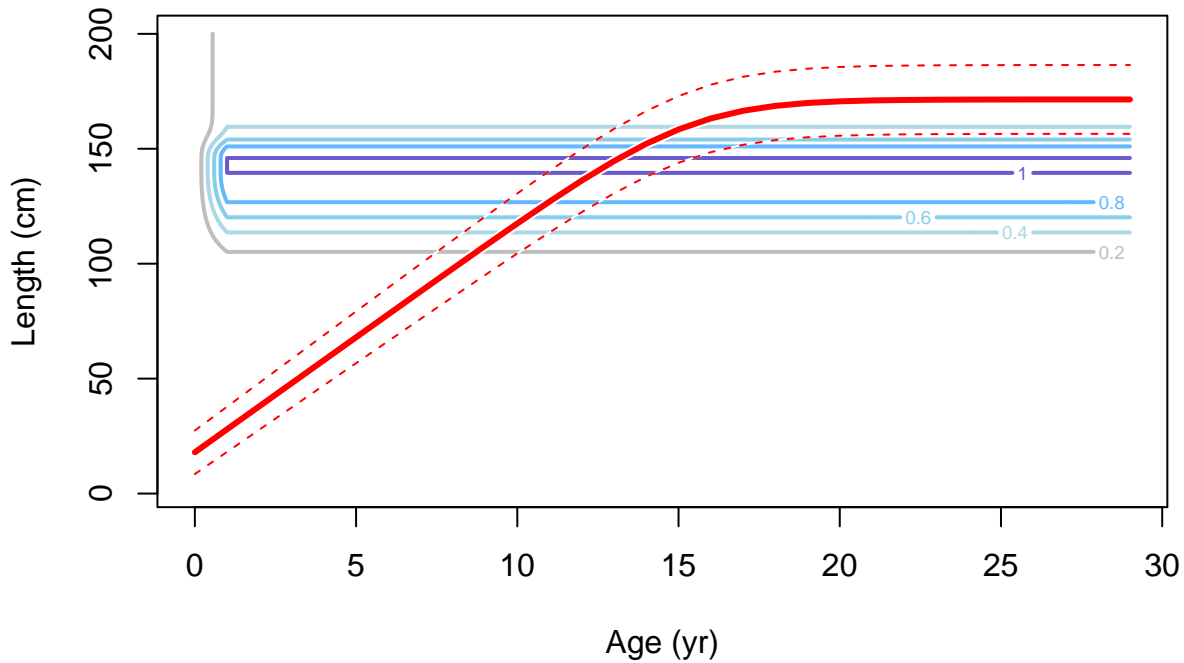


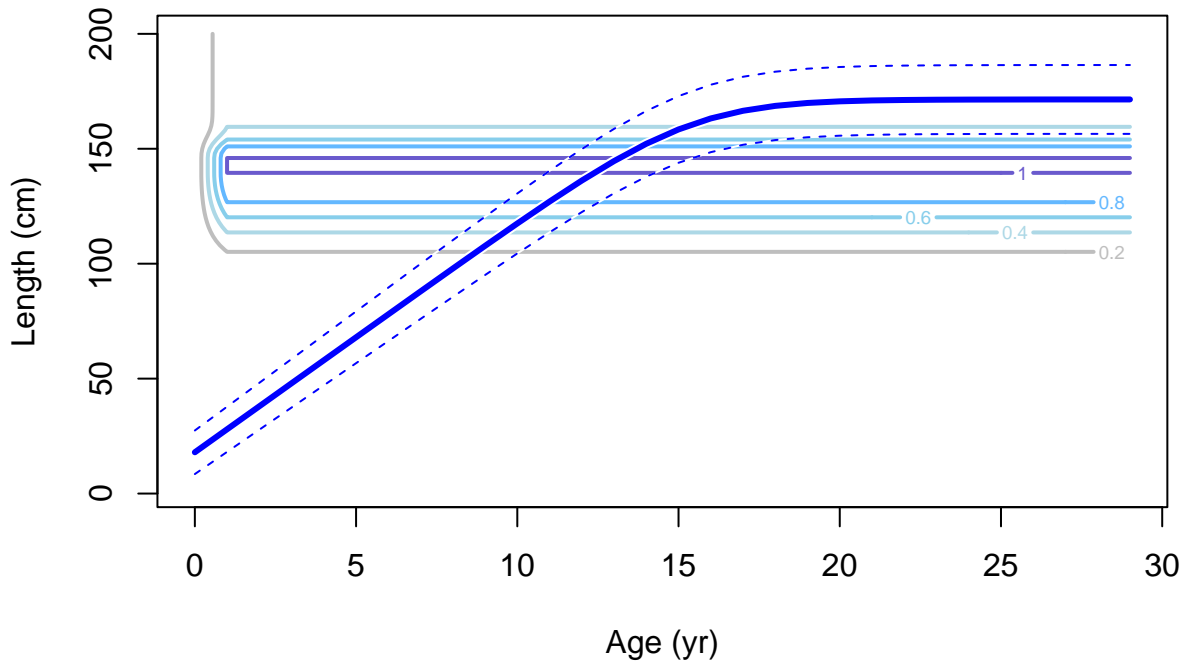


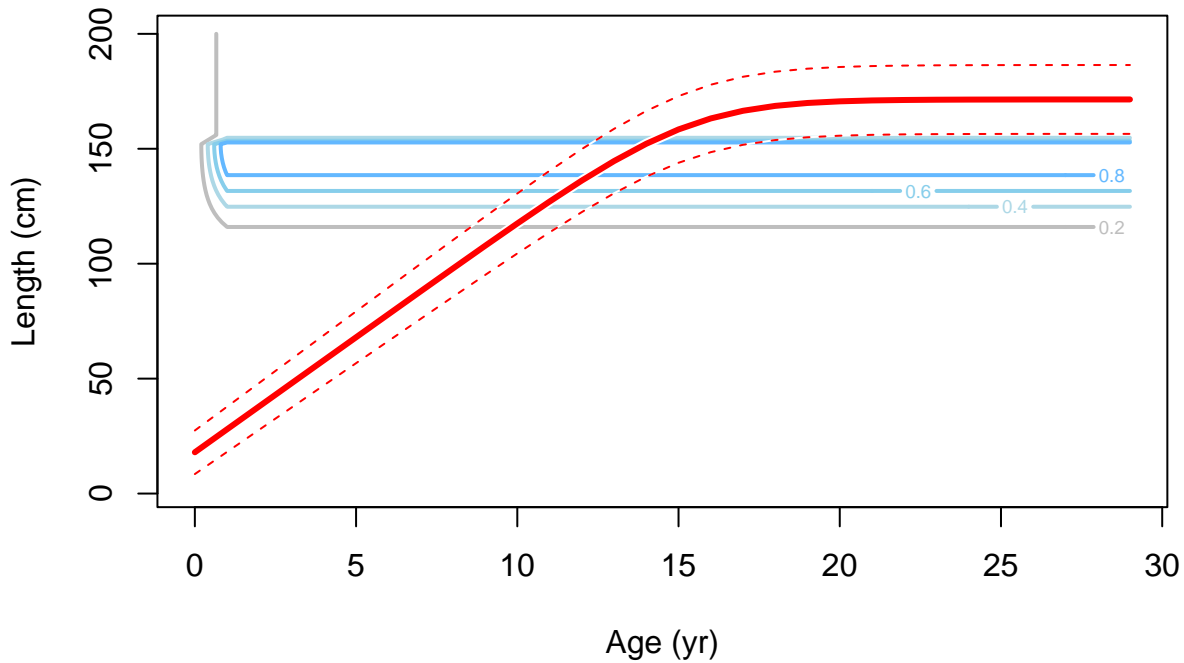


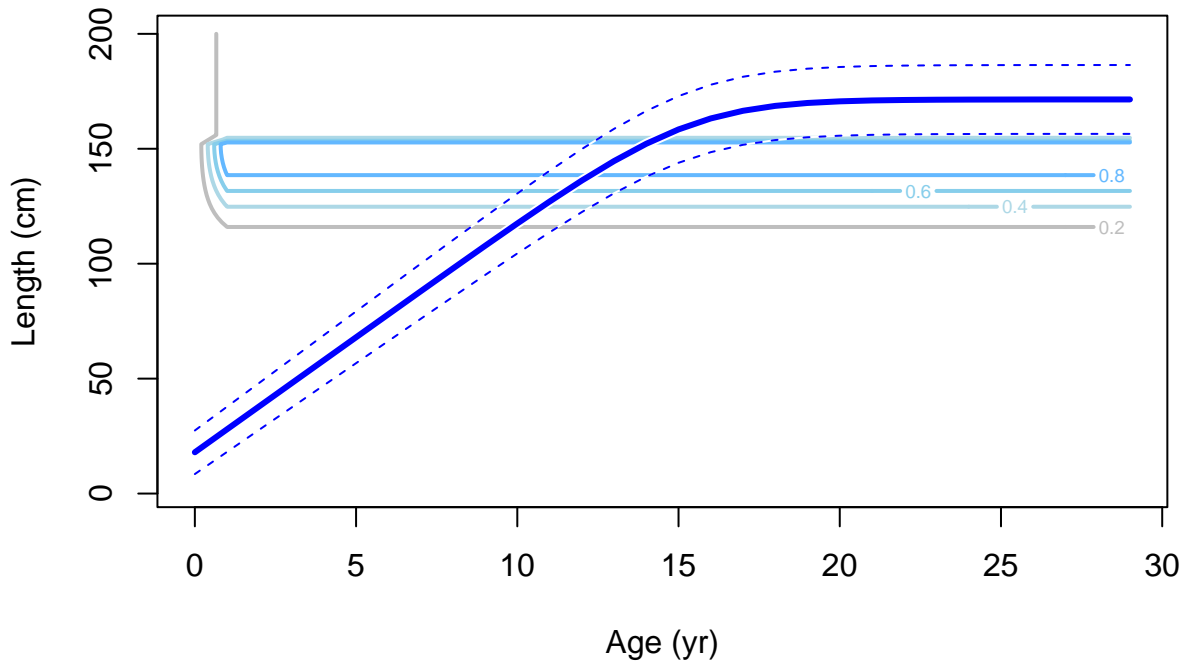


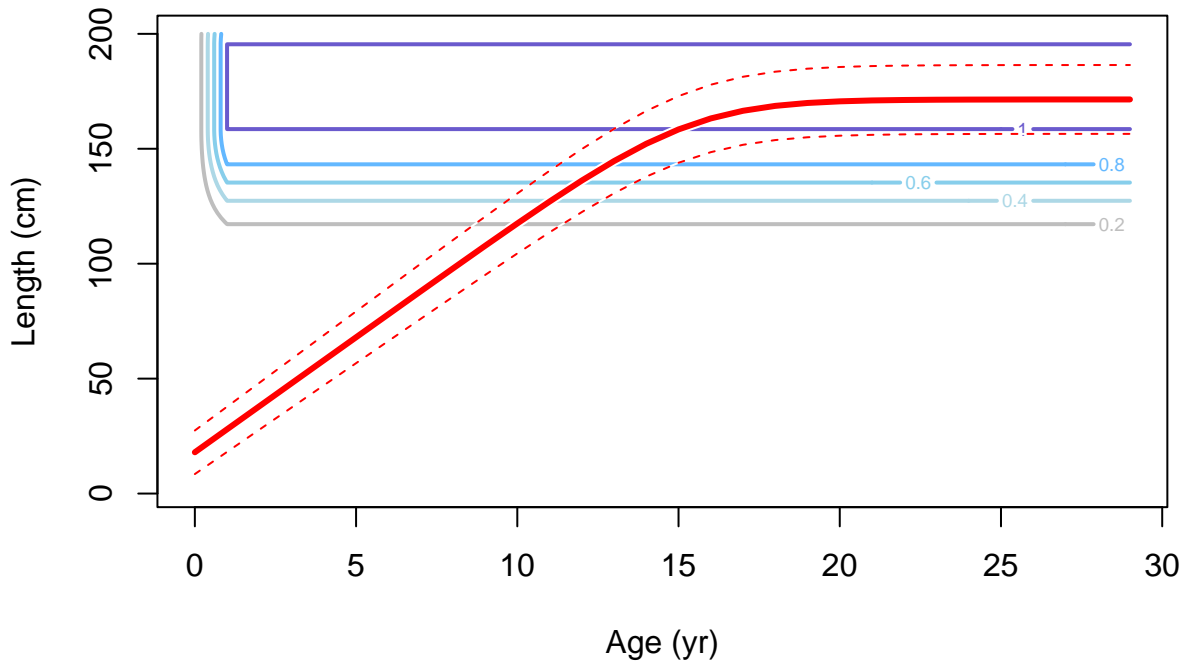


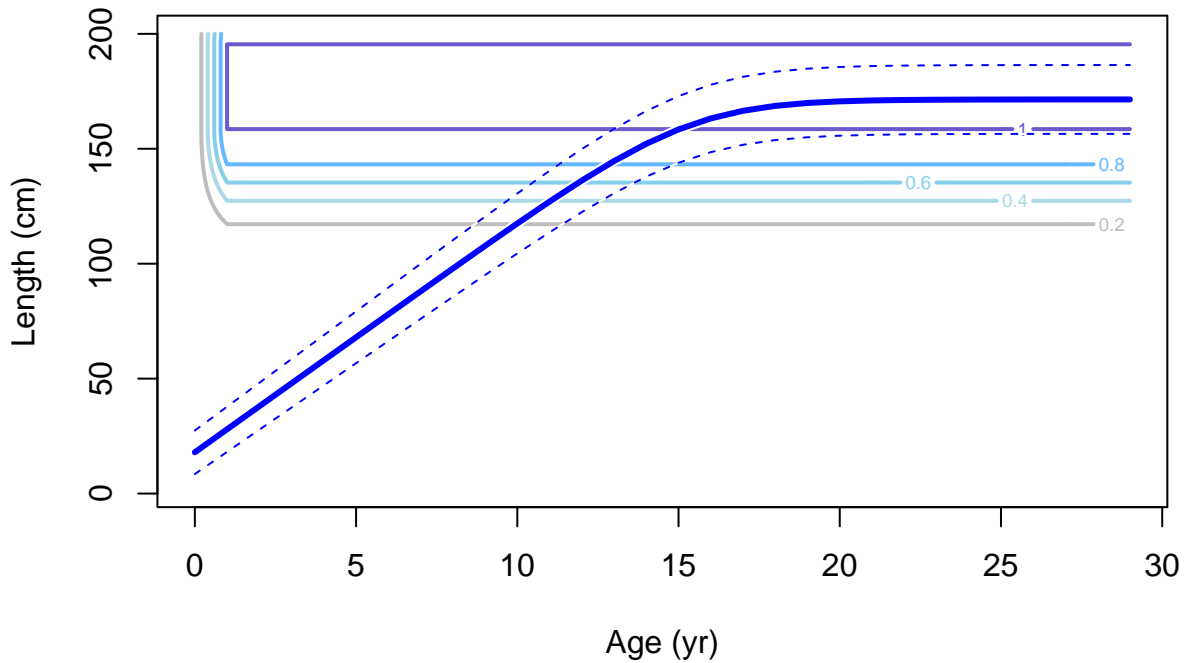


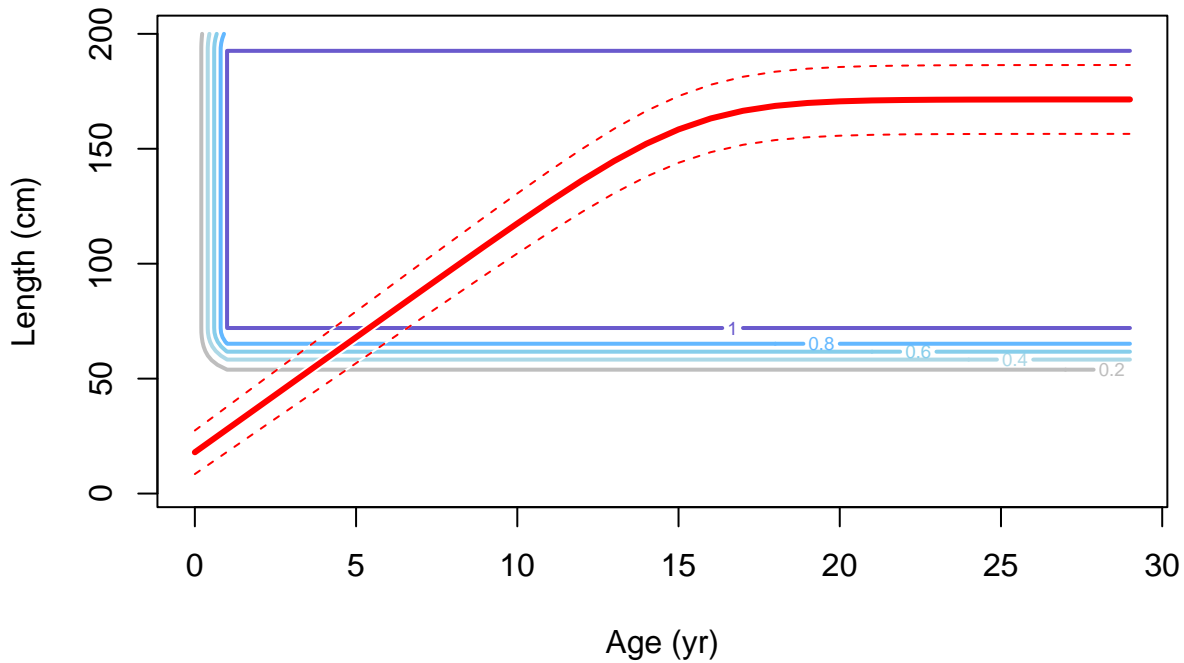


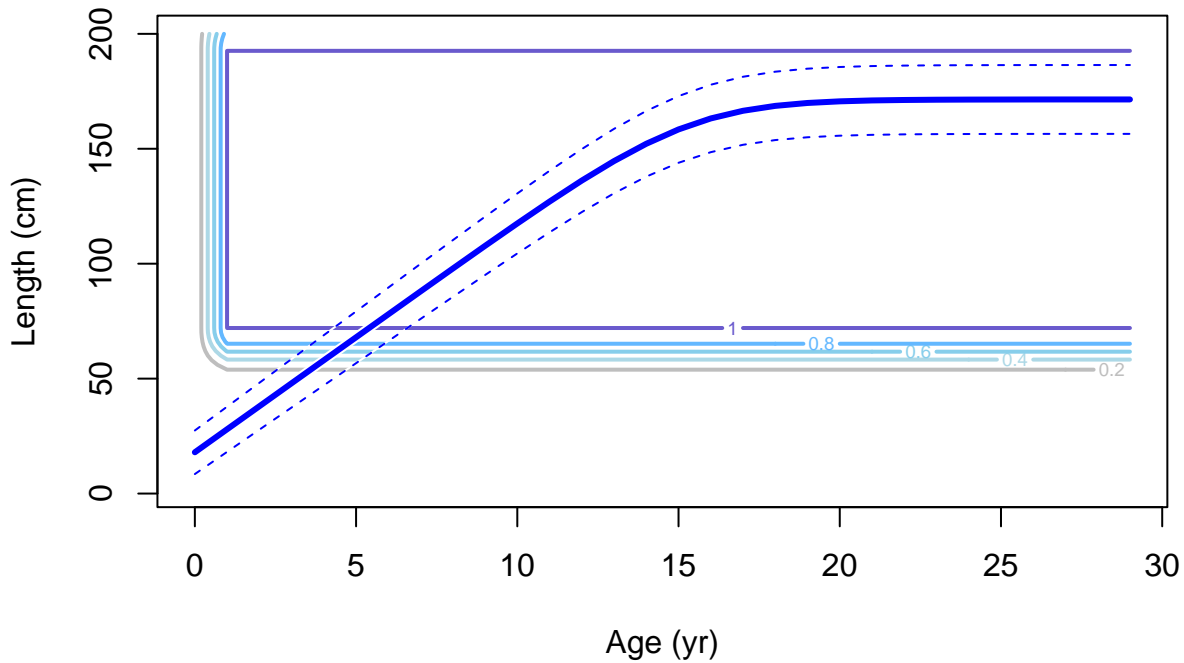


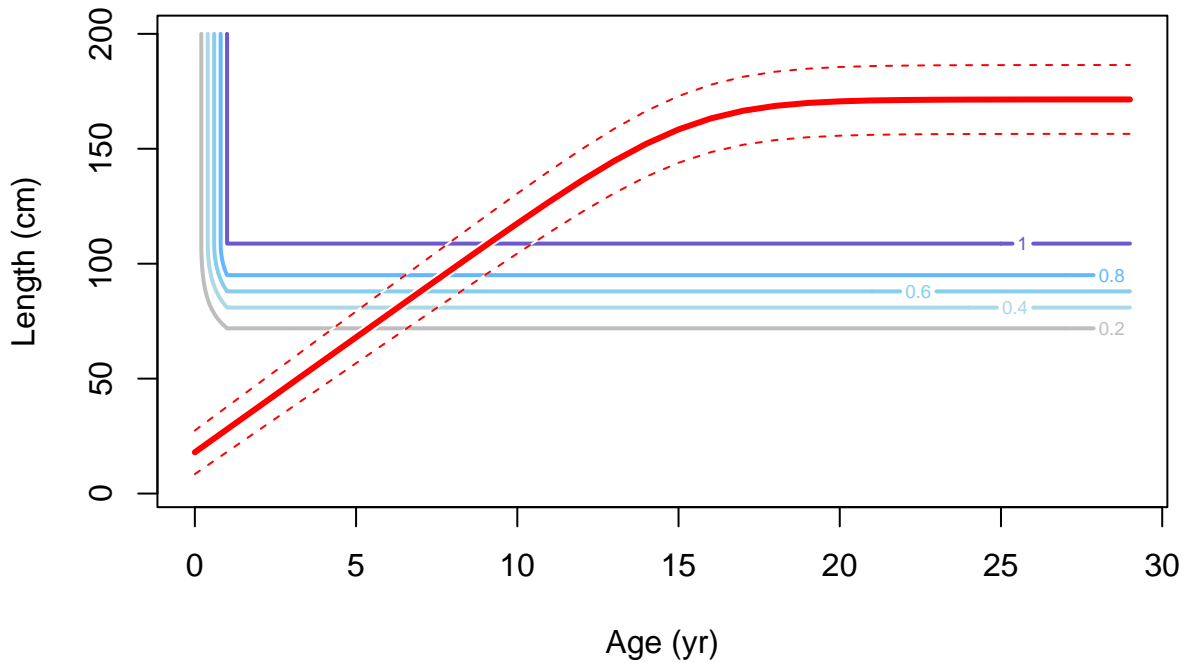


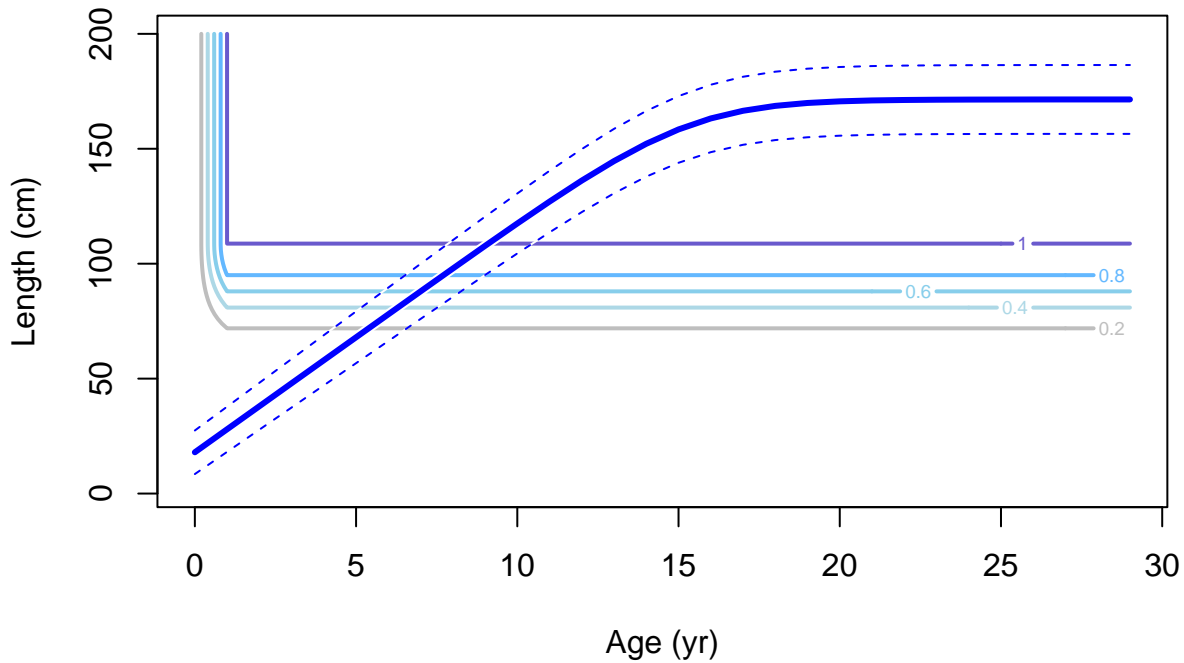


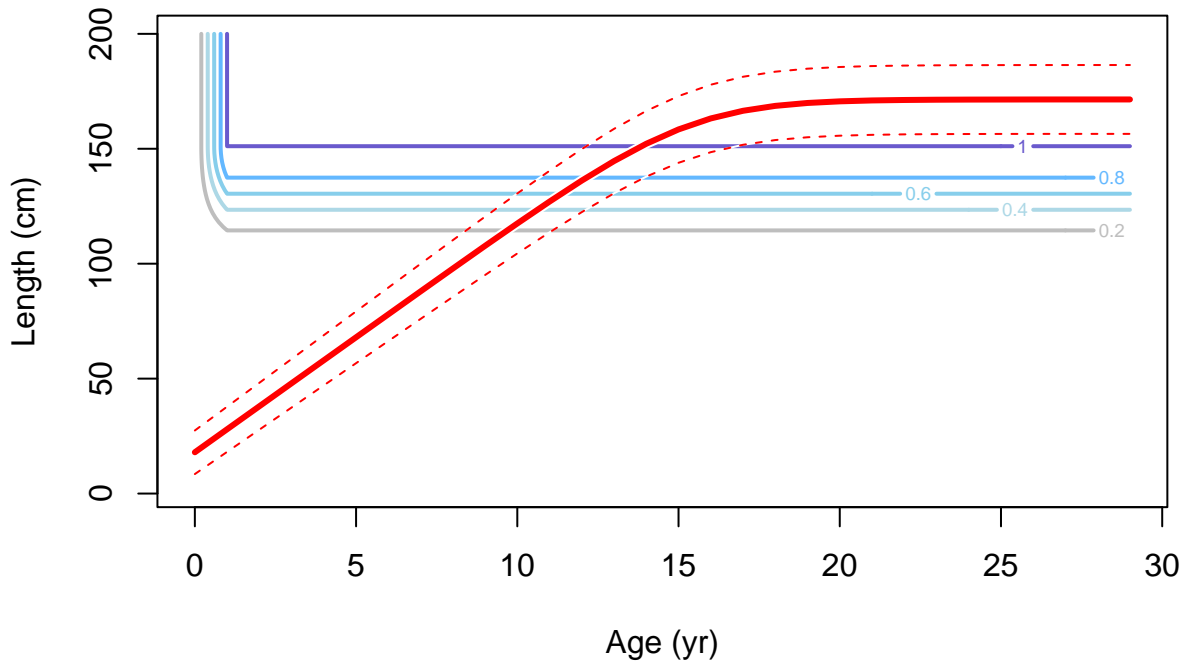


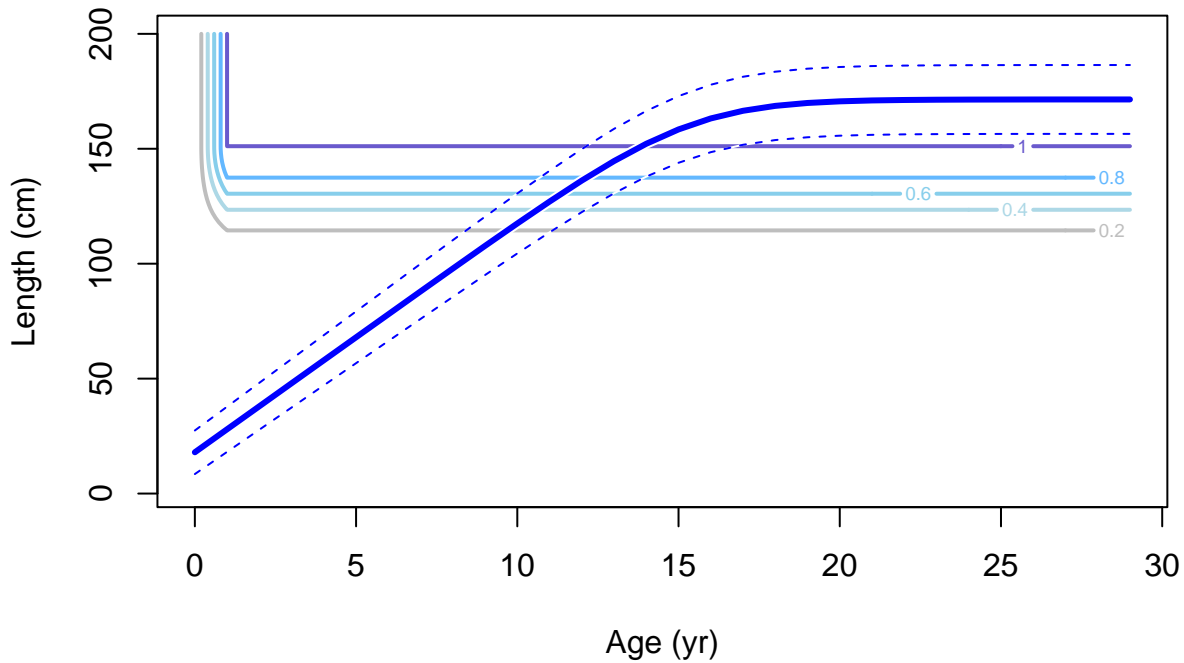


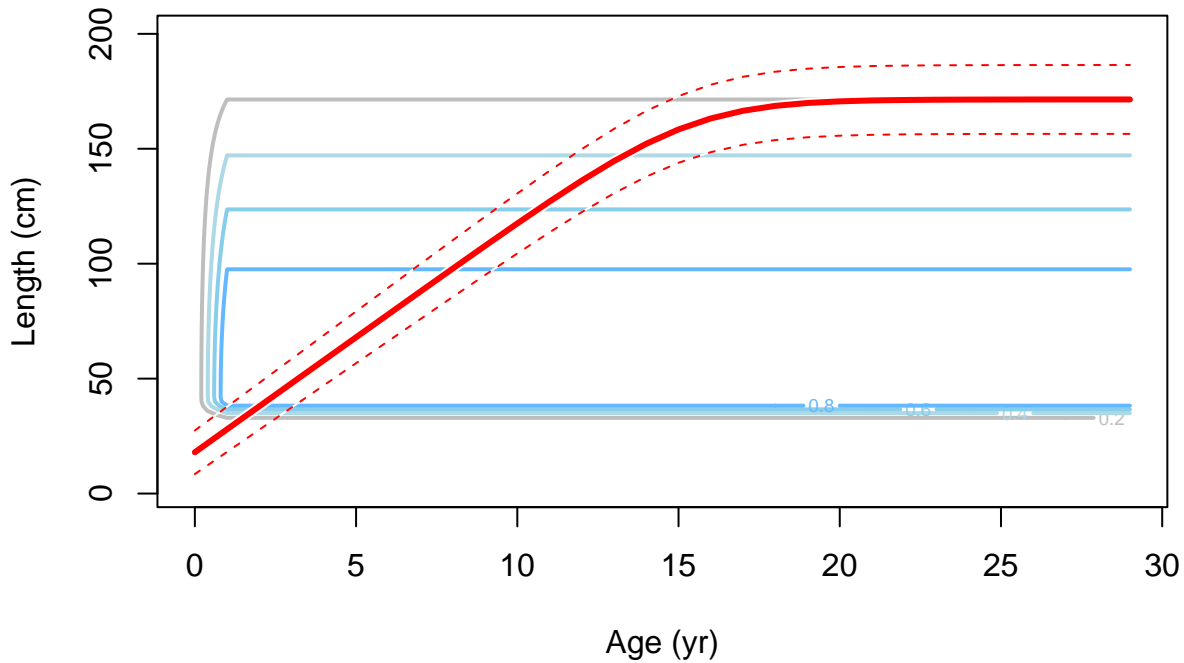


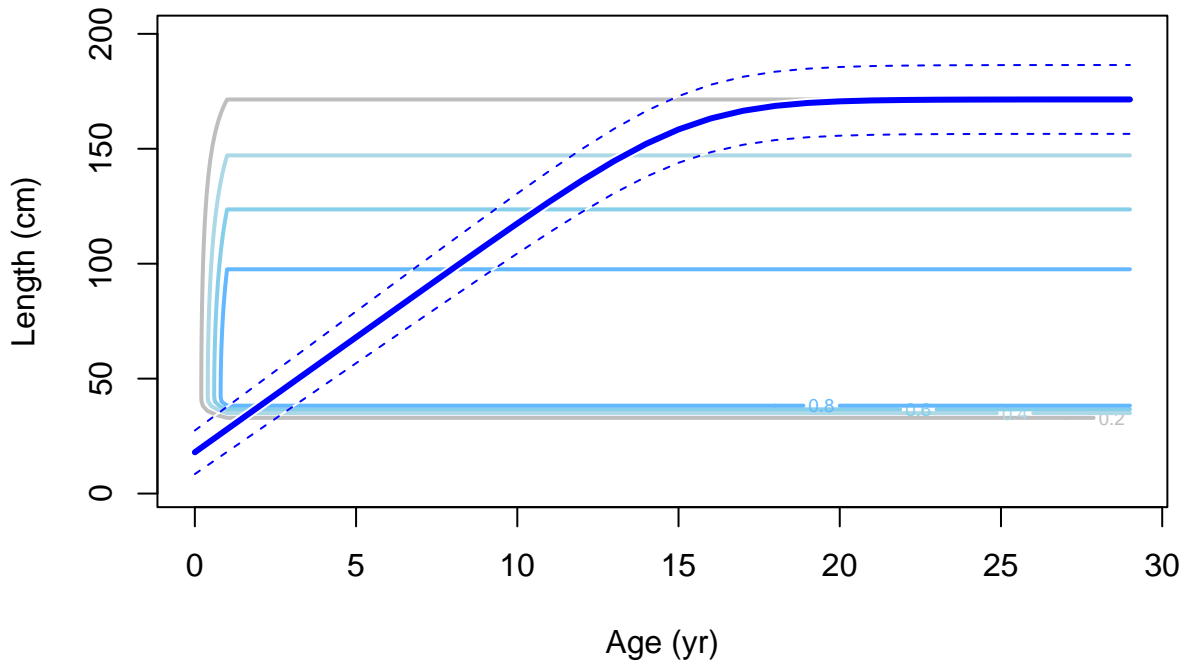


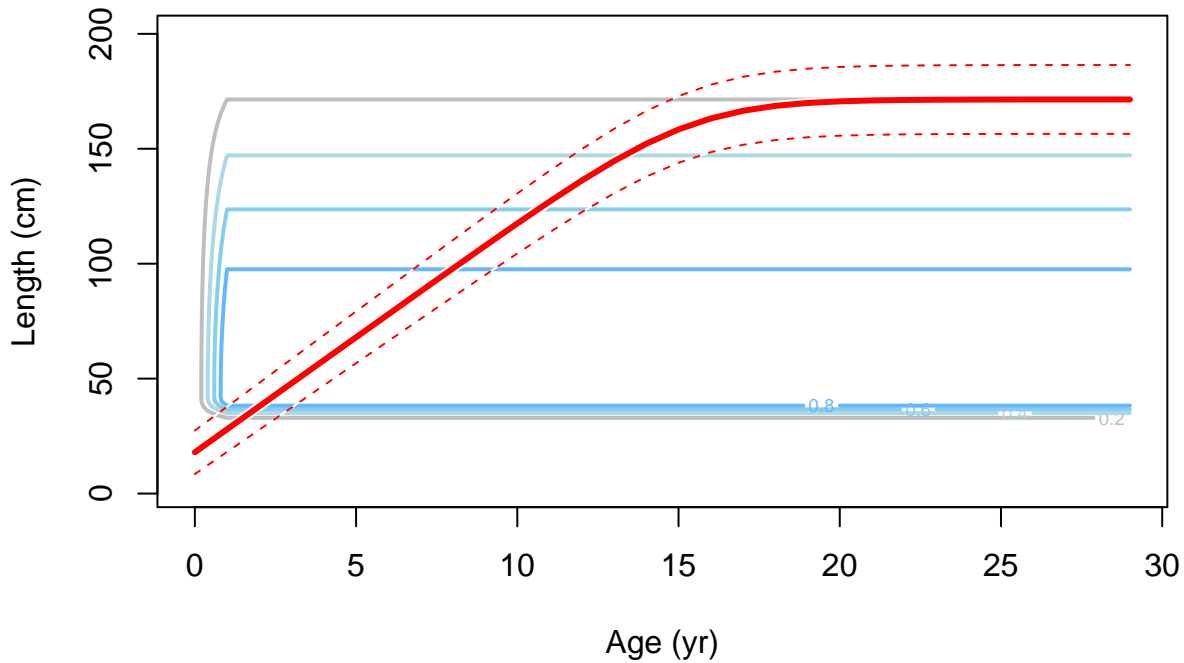


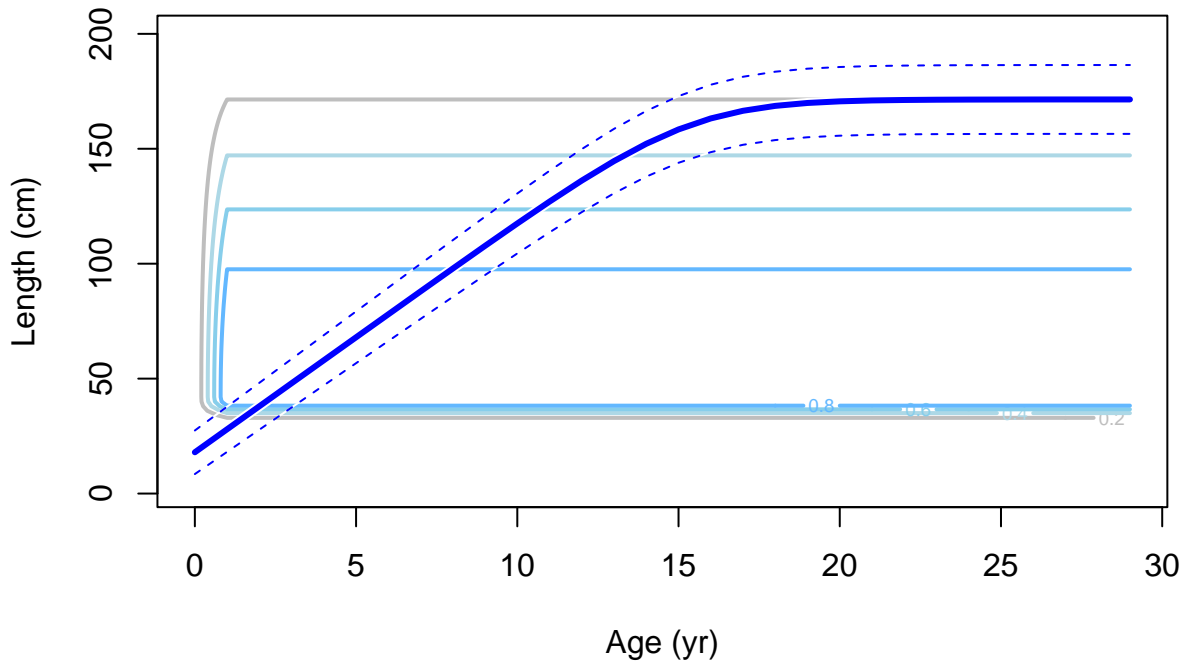




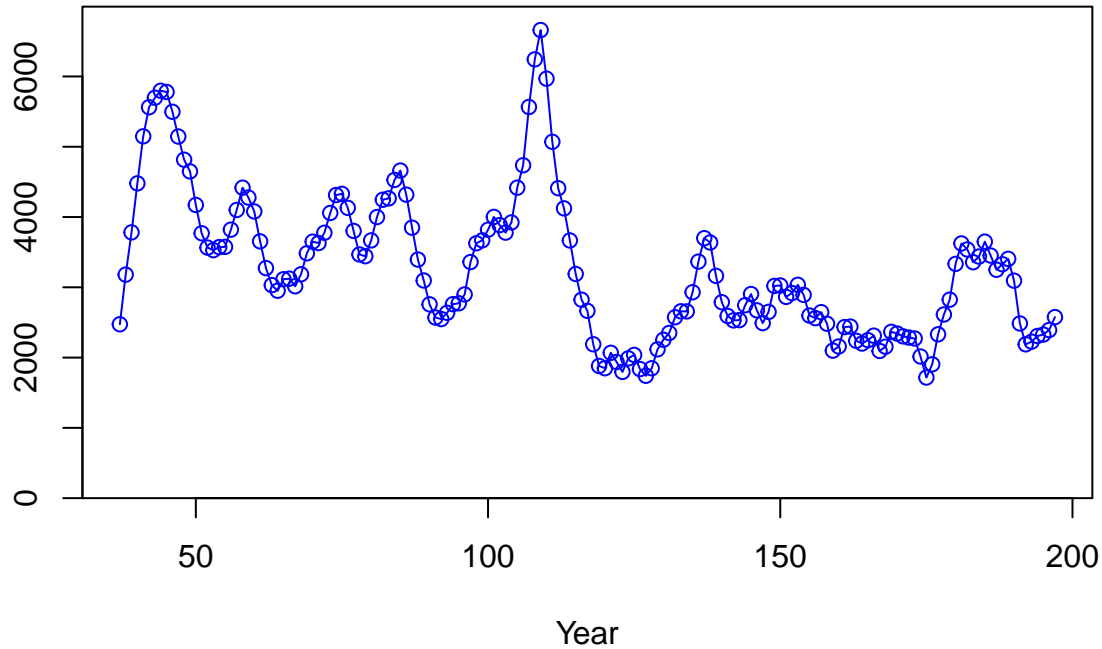




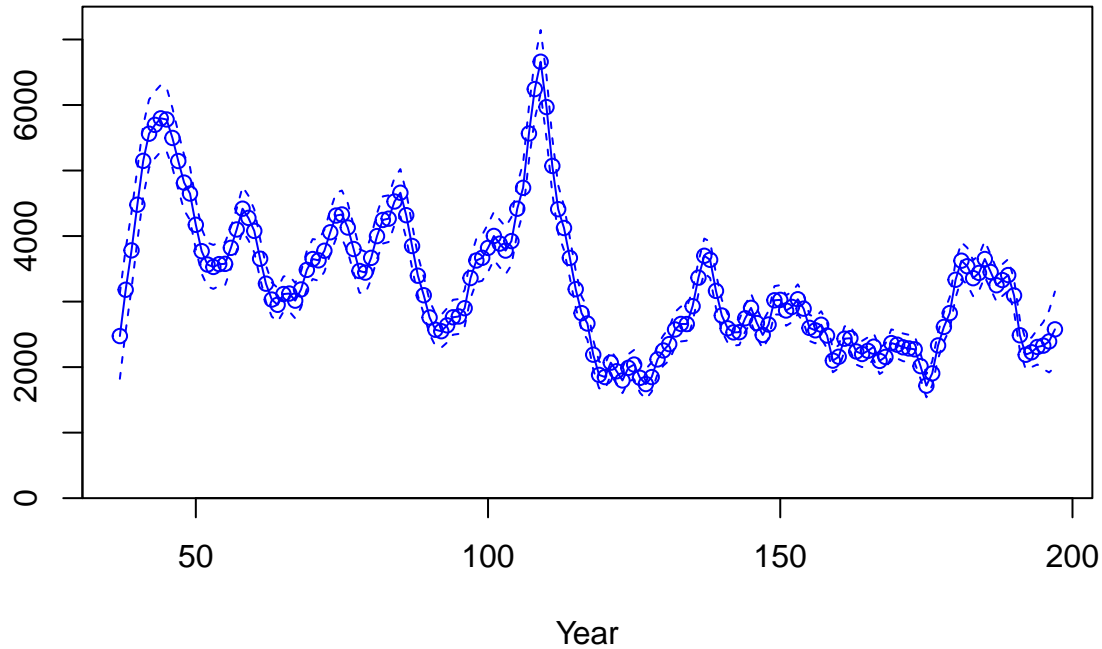




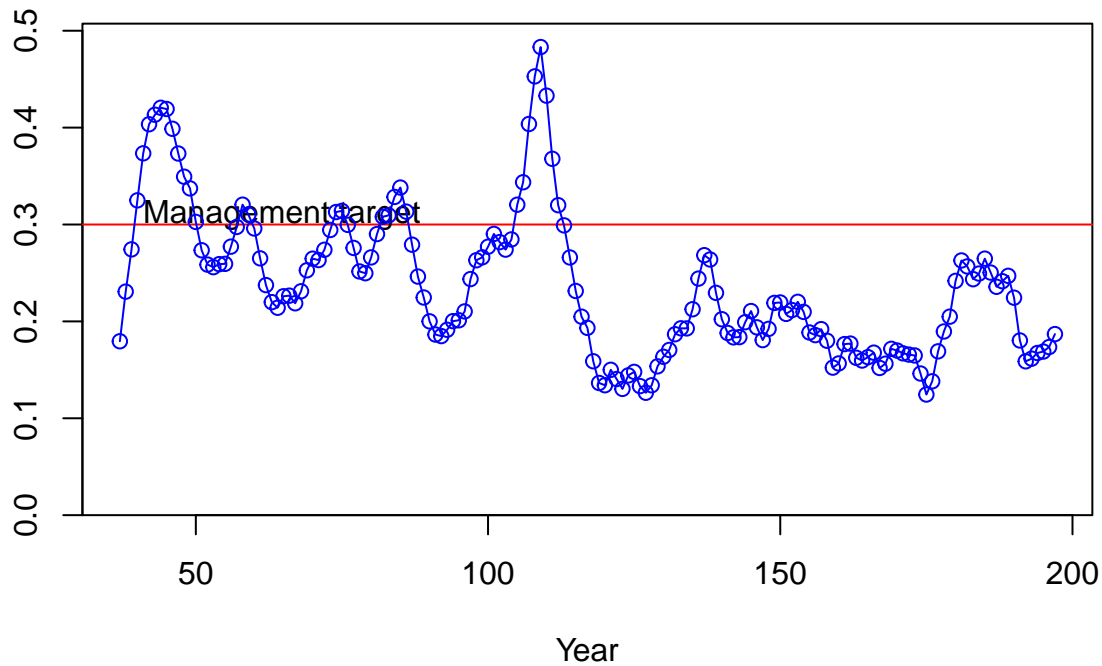
Spawning output



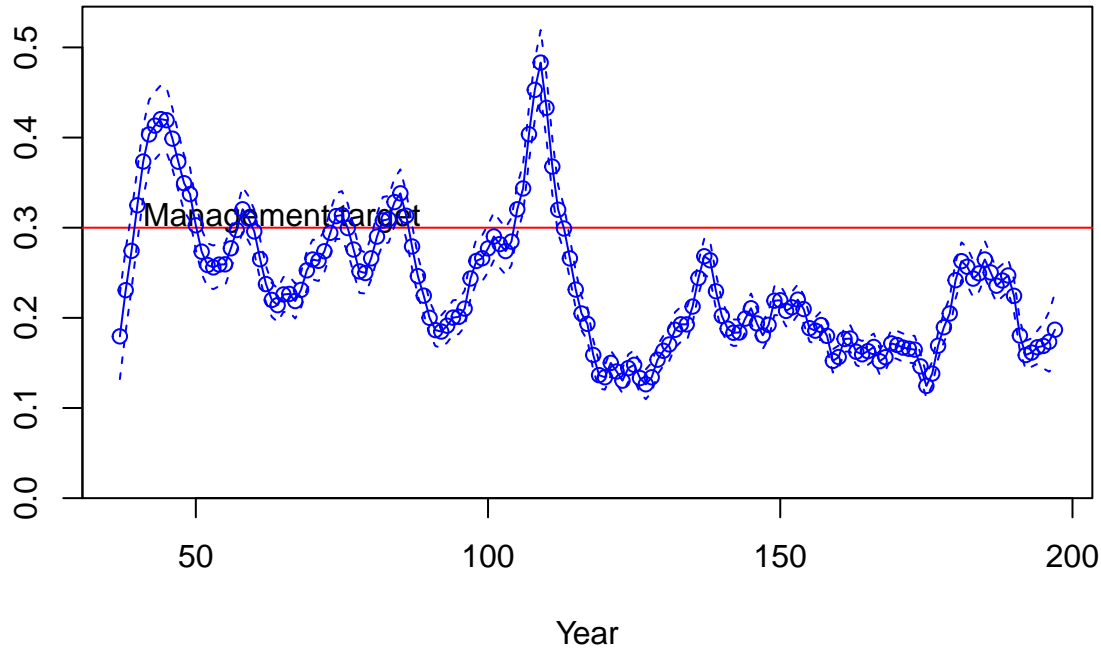
Spawning output

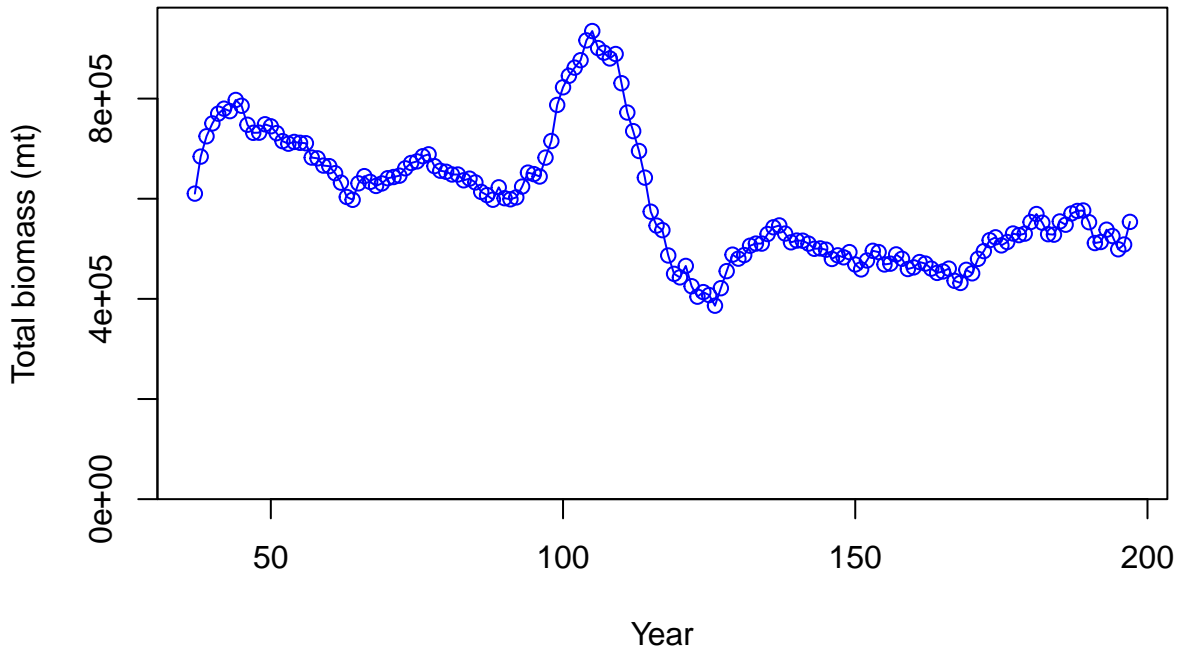


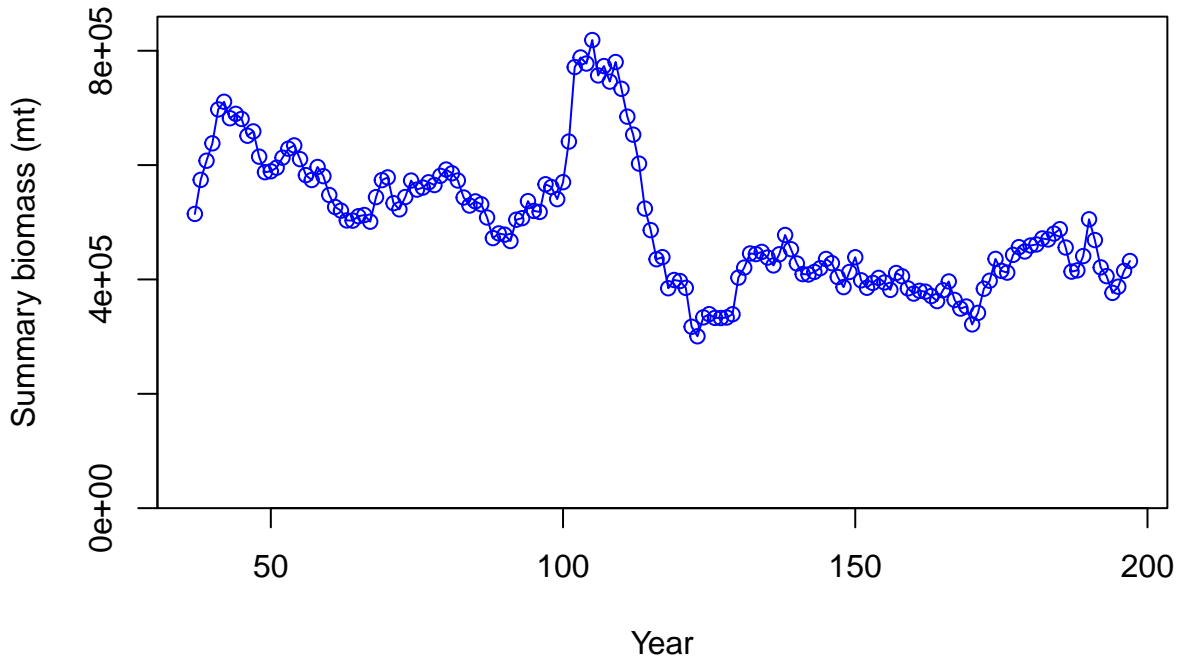
Relative spawning output: B/B_0

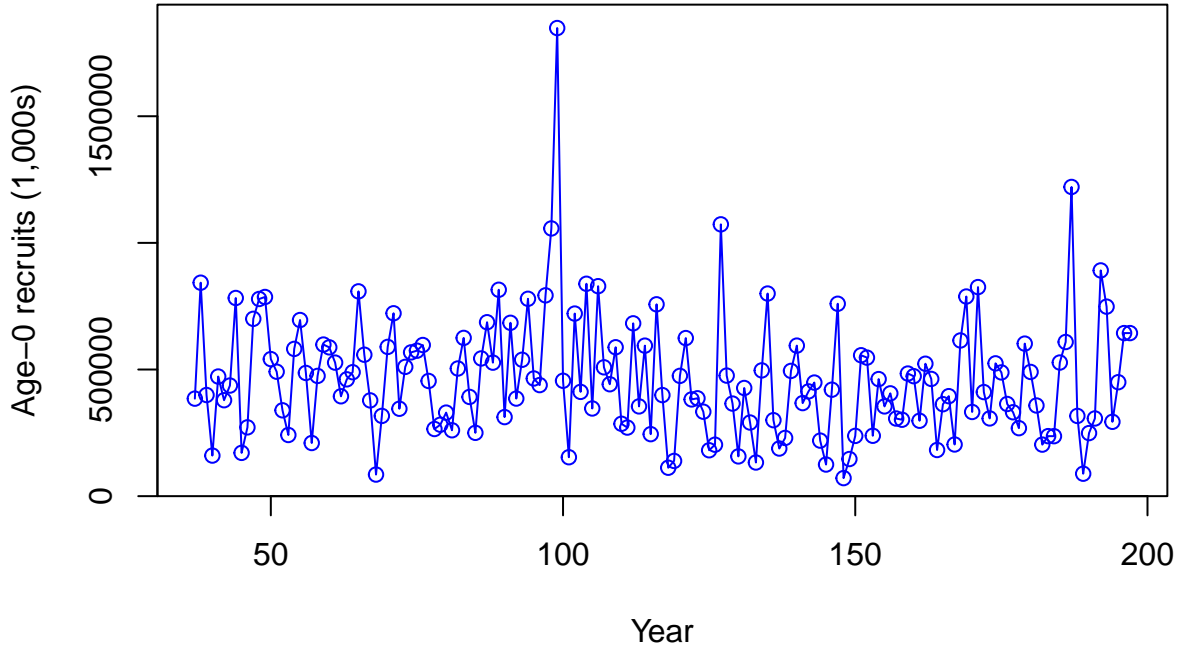


Relative spawning output: B/B_0

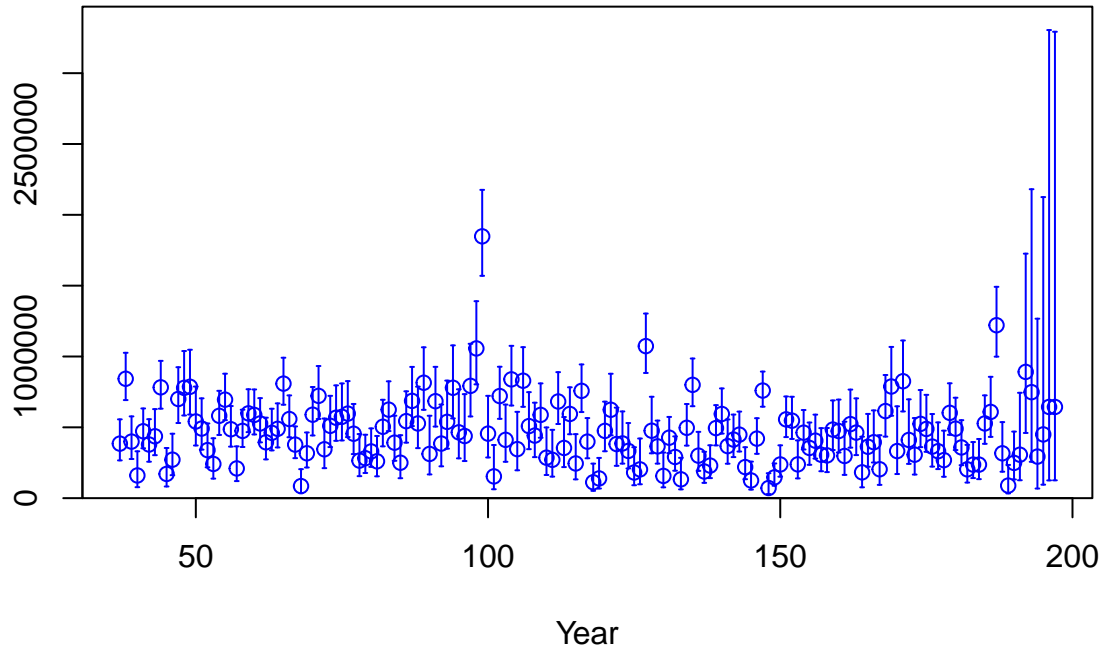




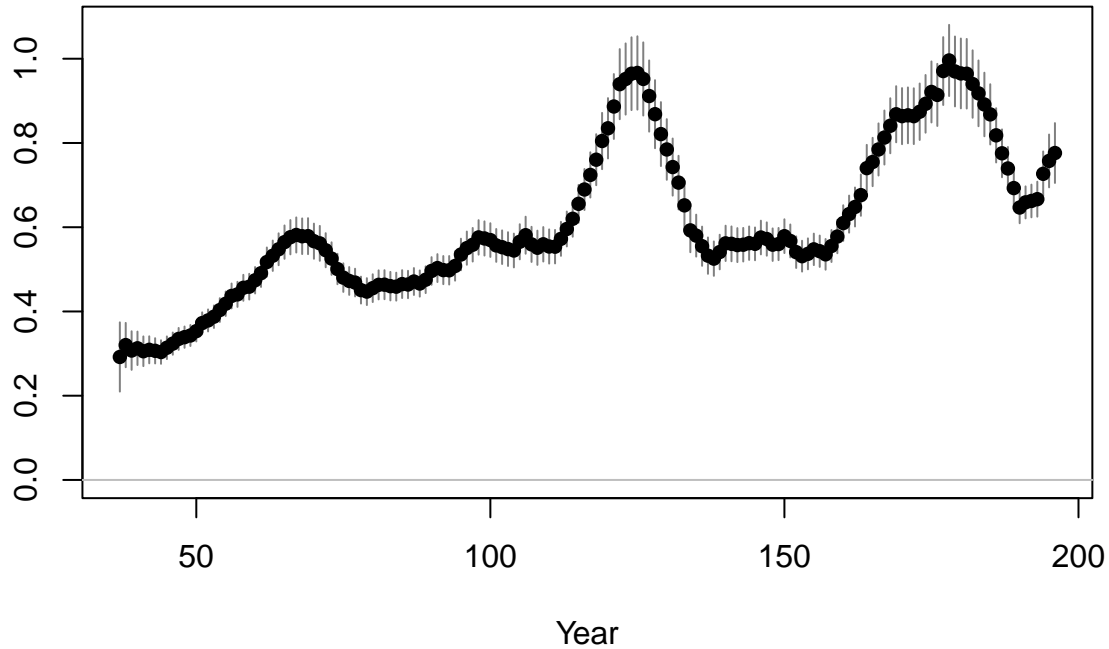


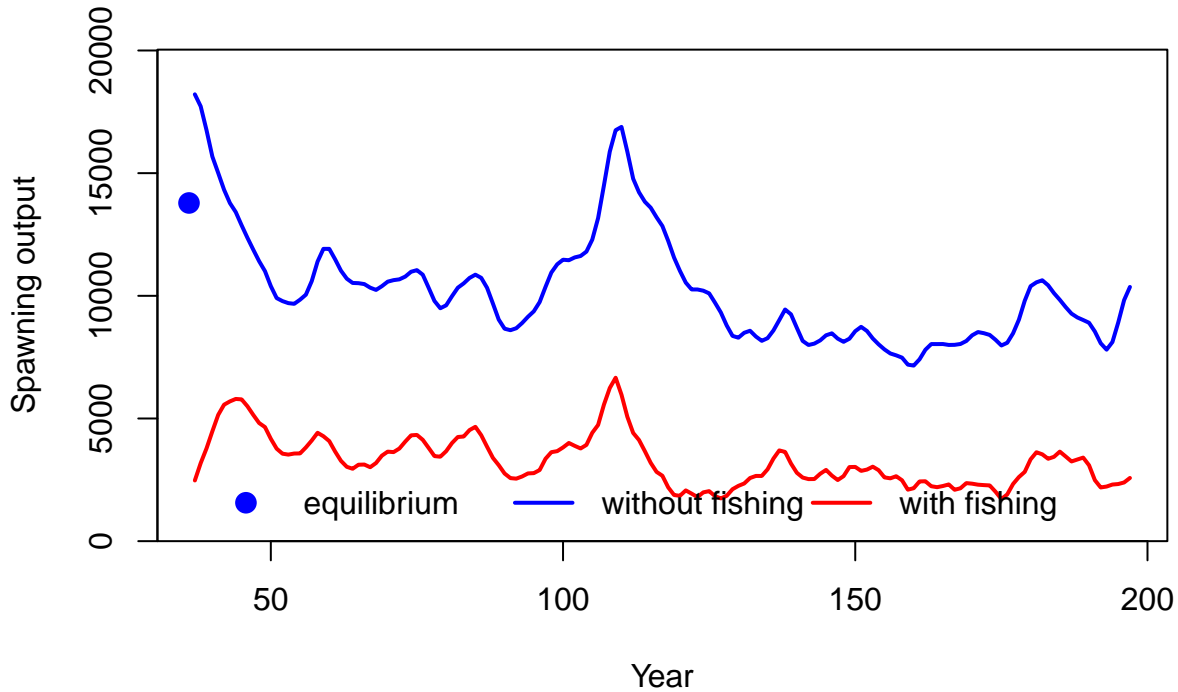


Age-0 recruits (1,000s)

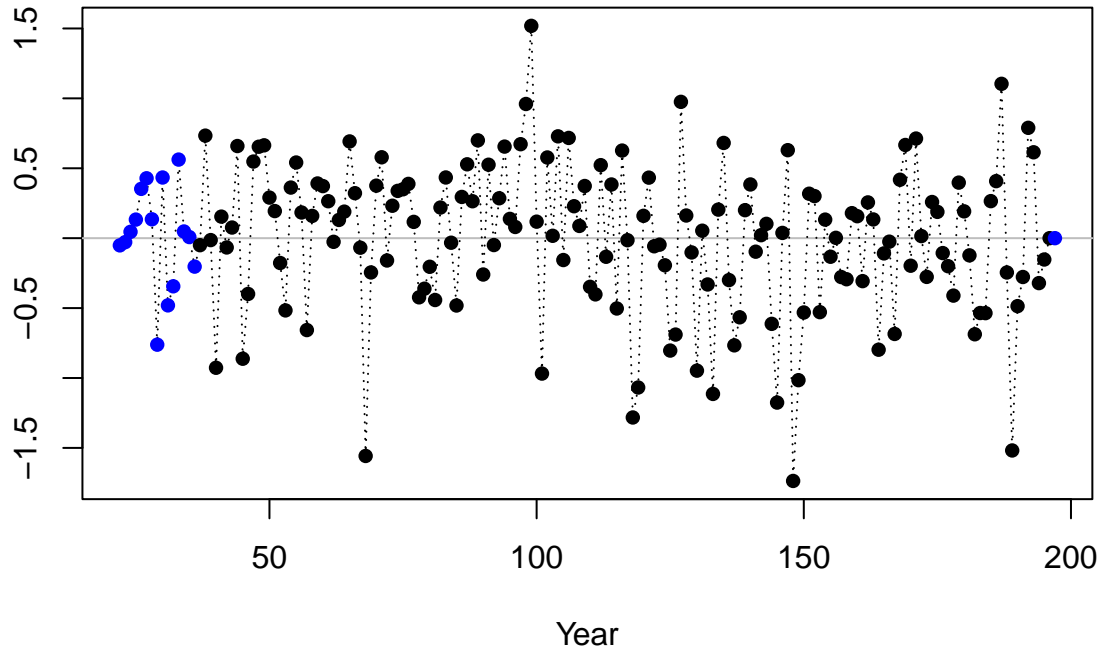


Summary Fishing Mortality

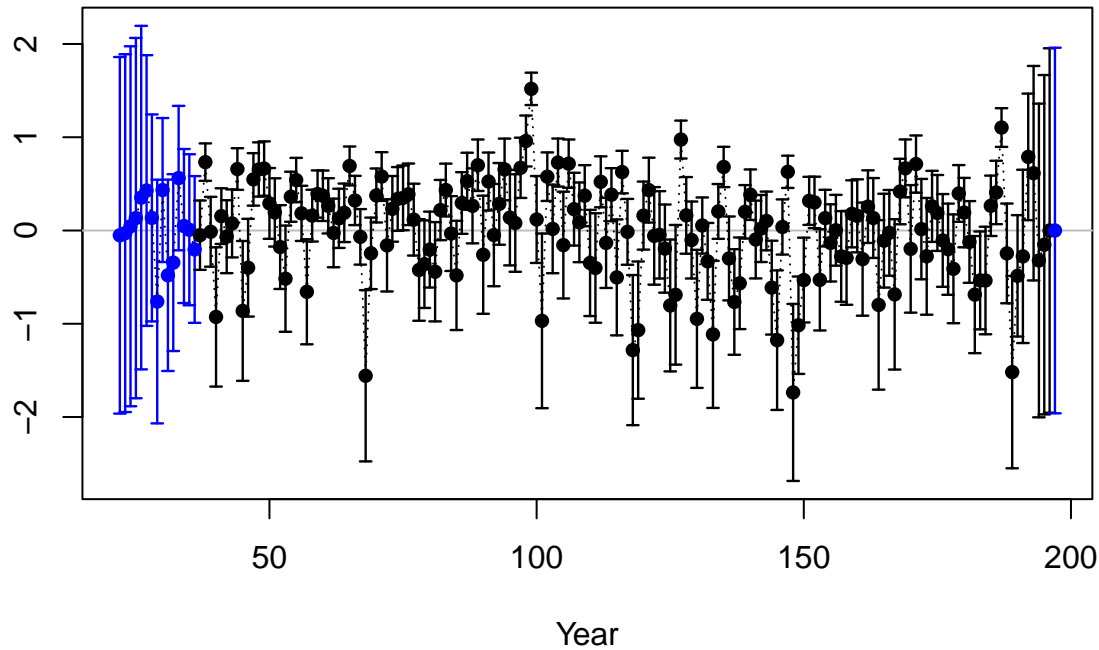




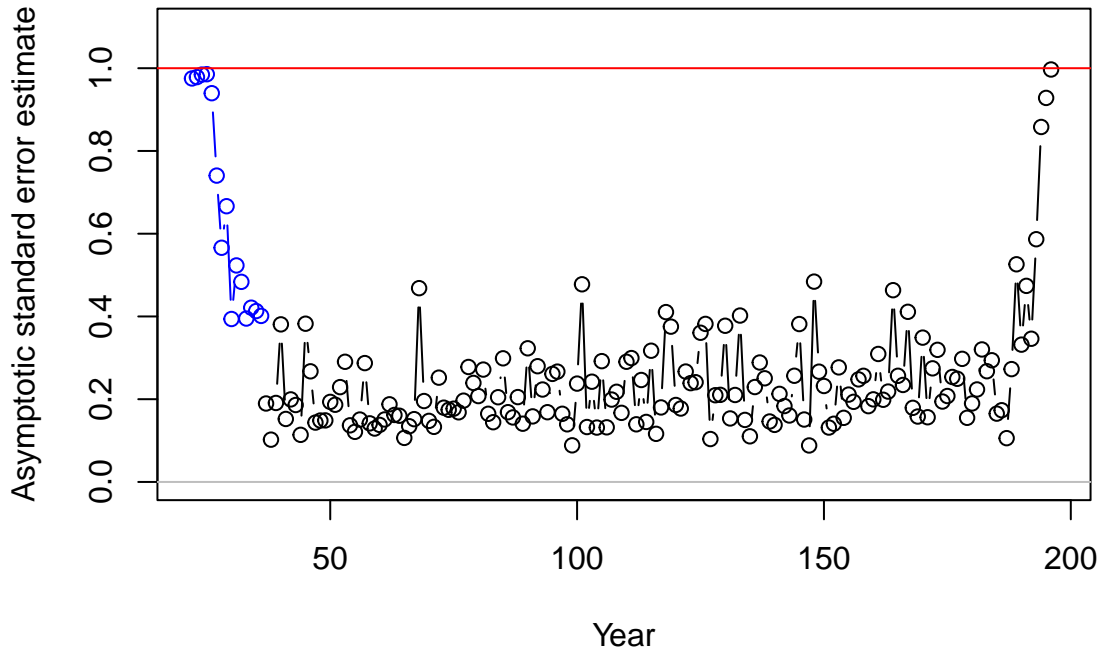
Log recruitment deviation

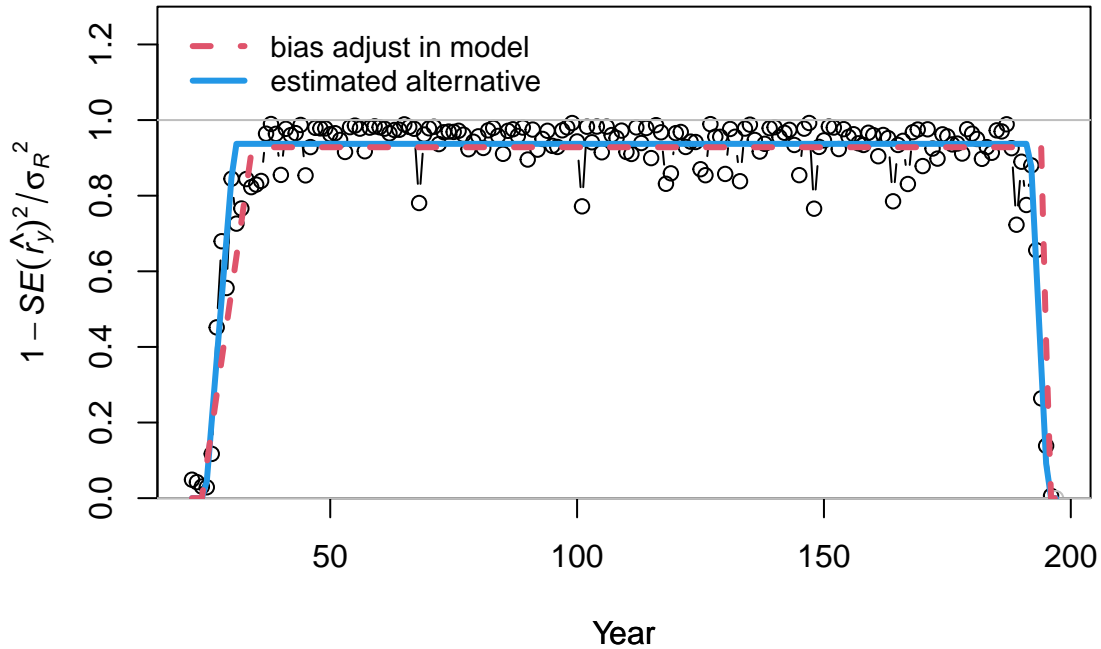


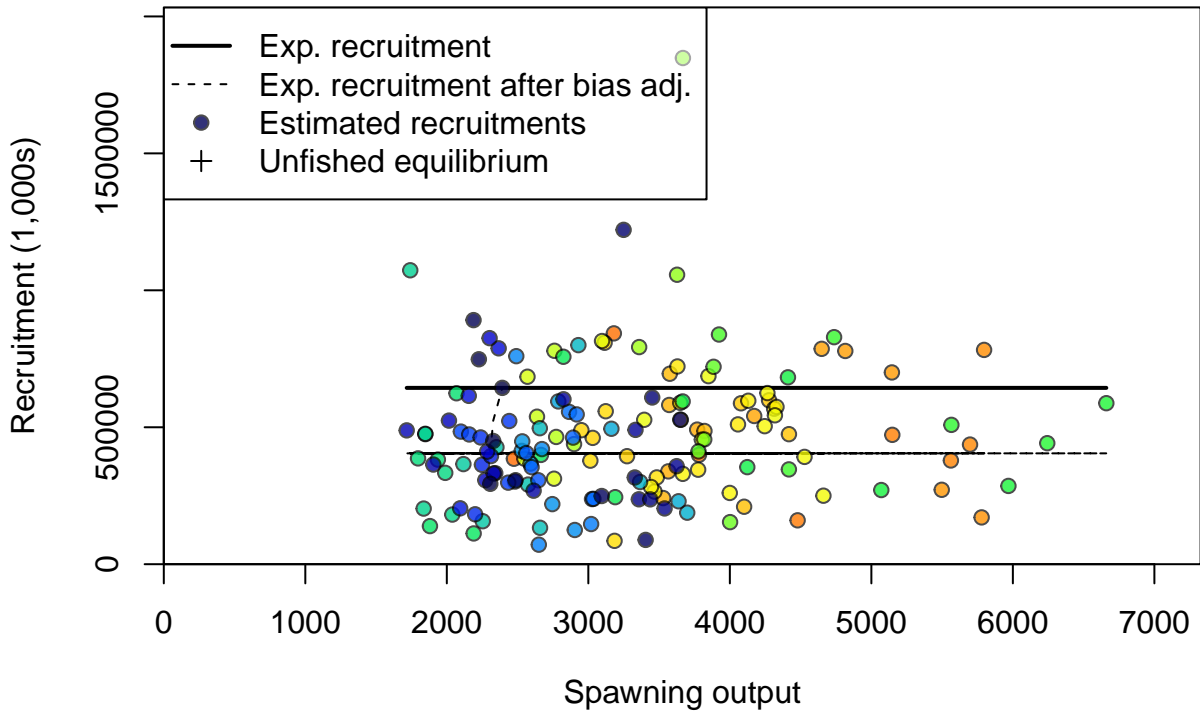
Log recruitment deviation

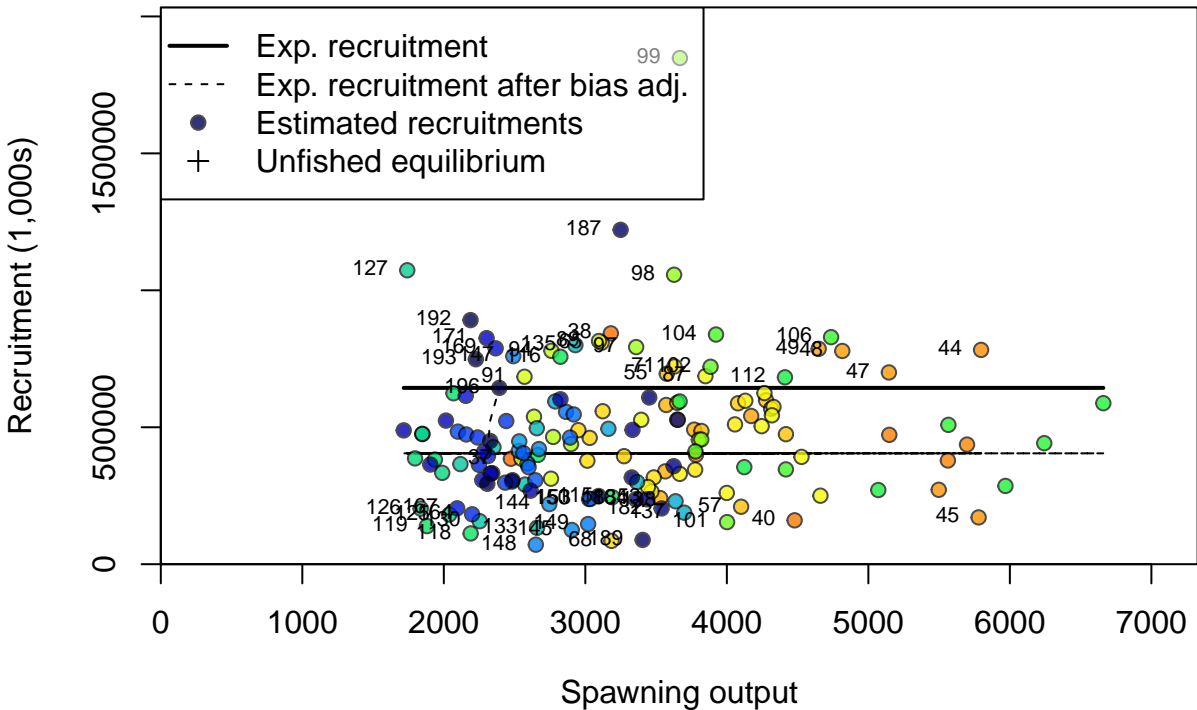


Recruitment deviation variance

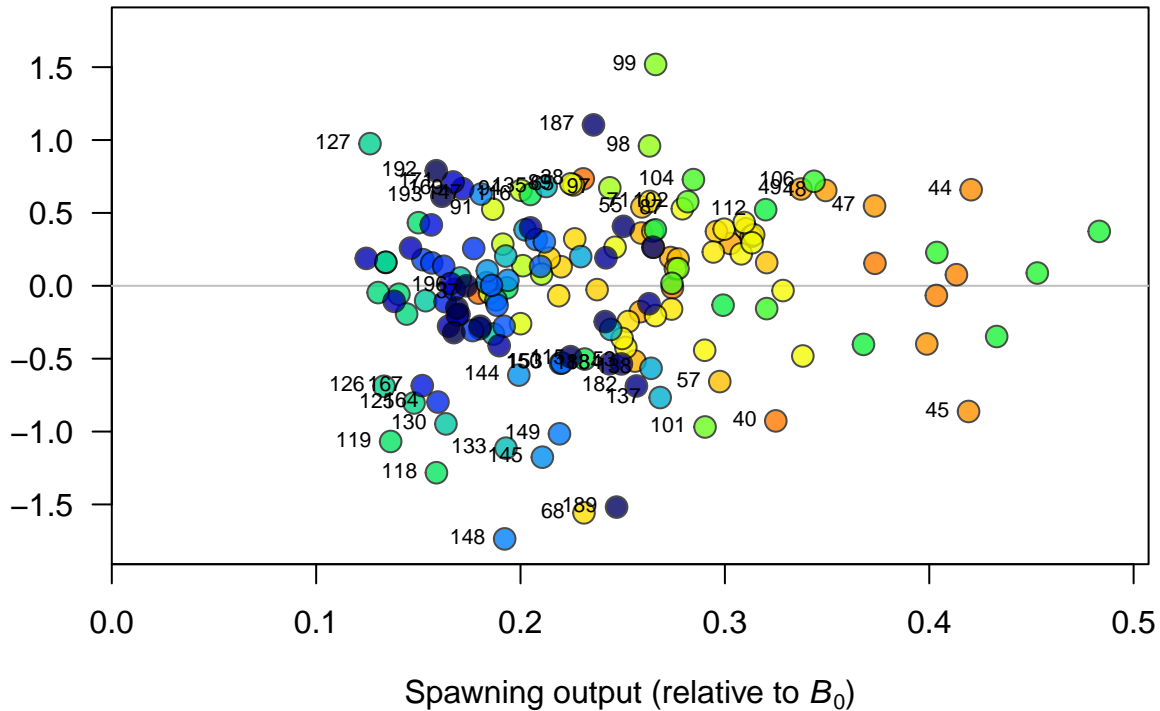


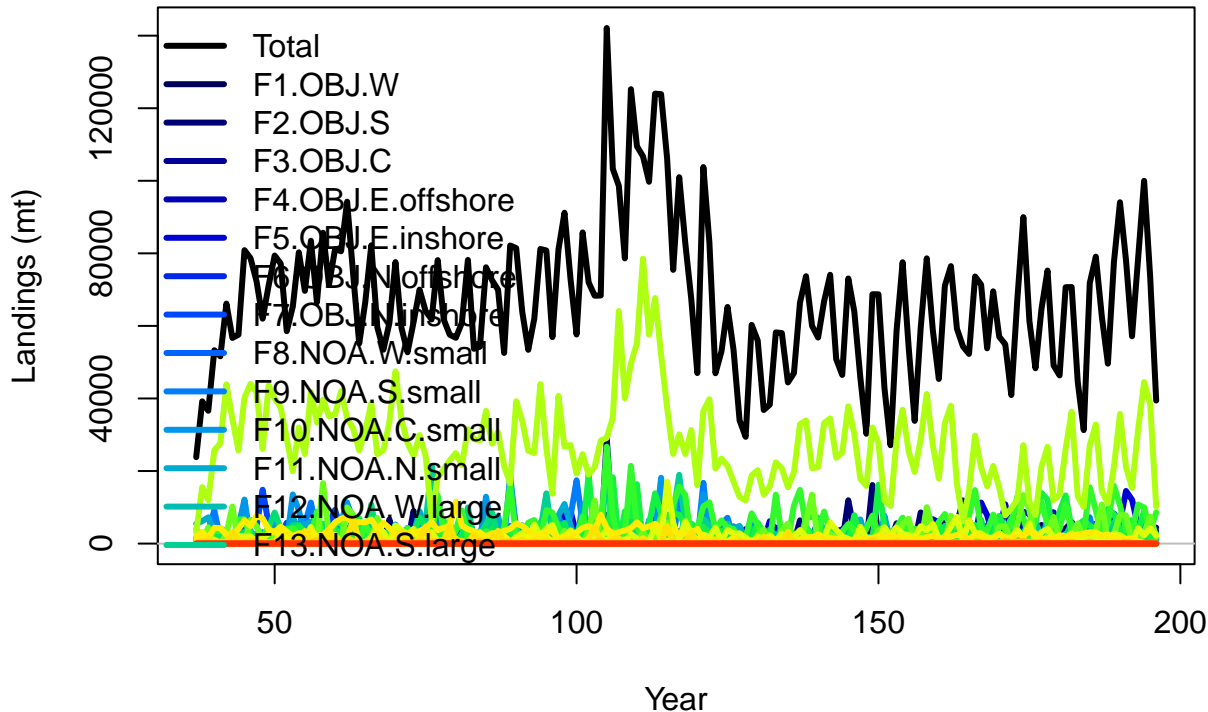


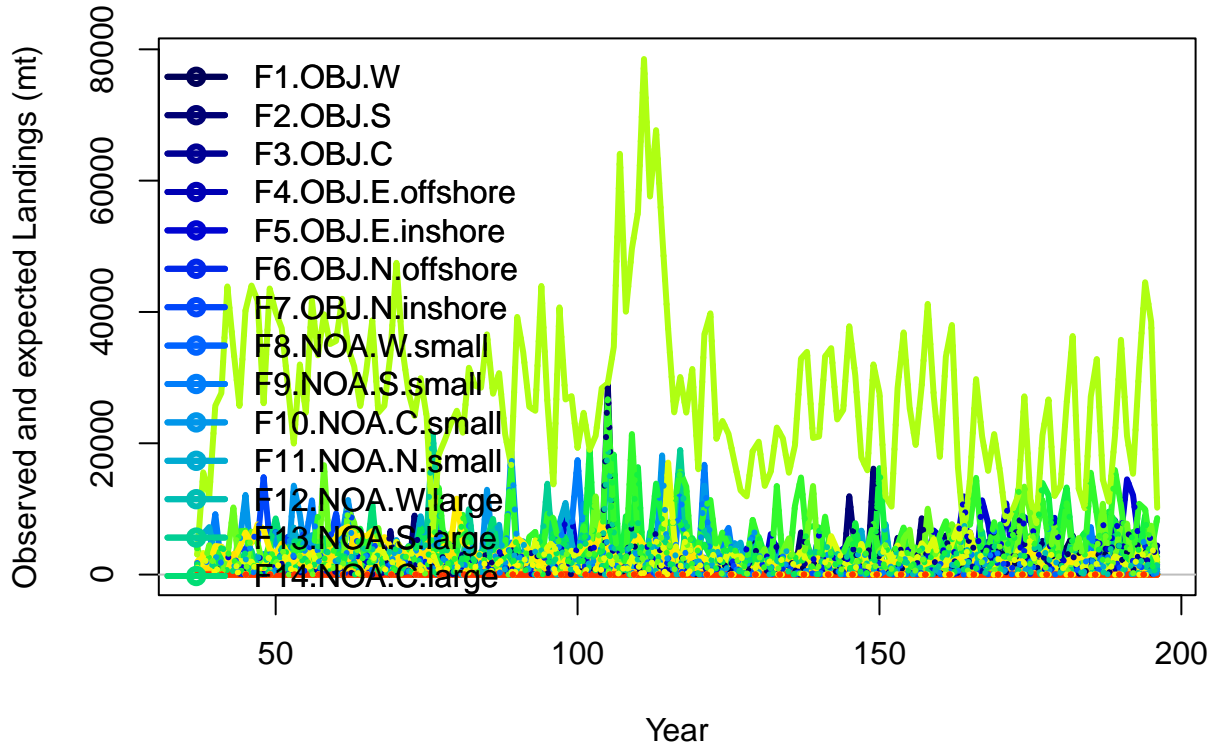


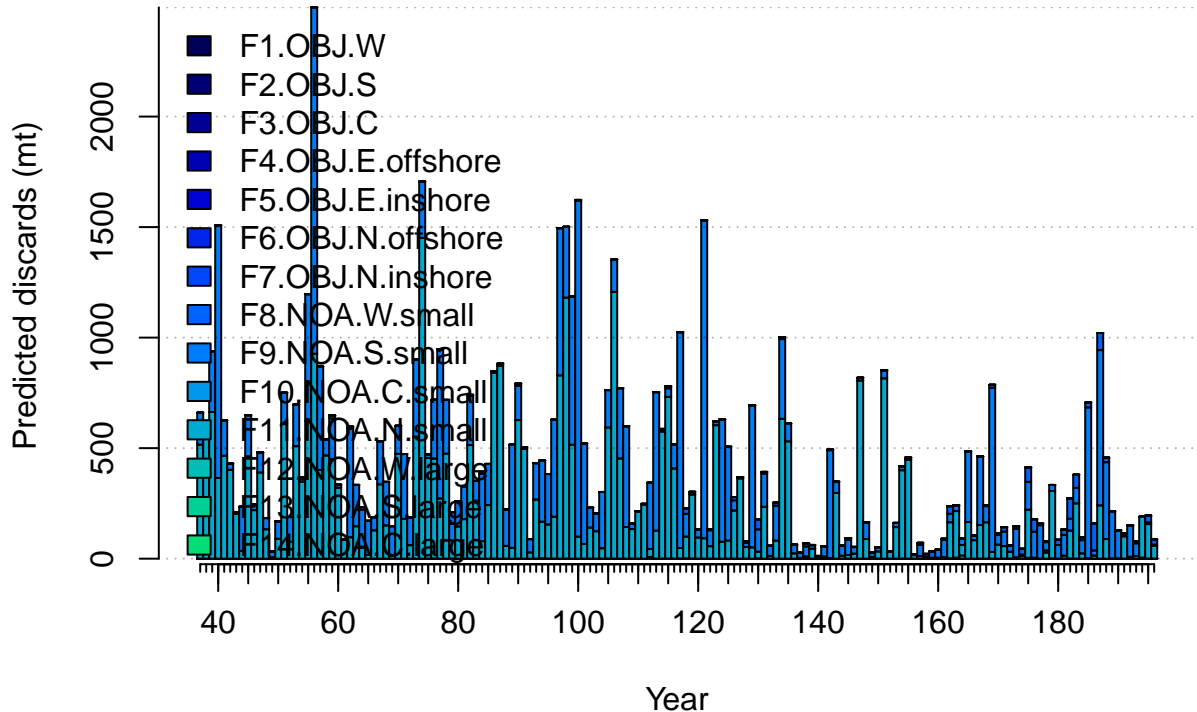


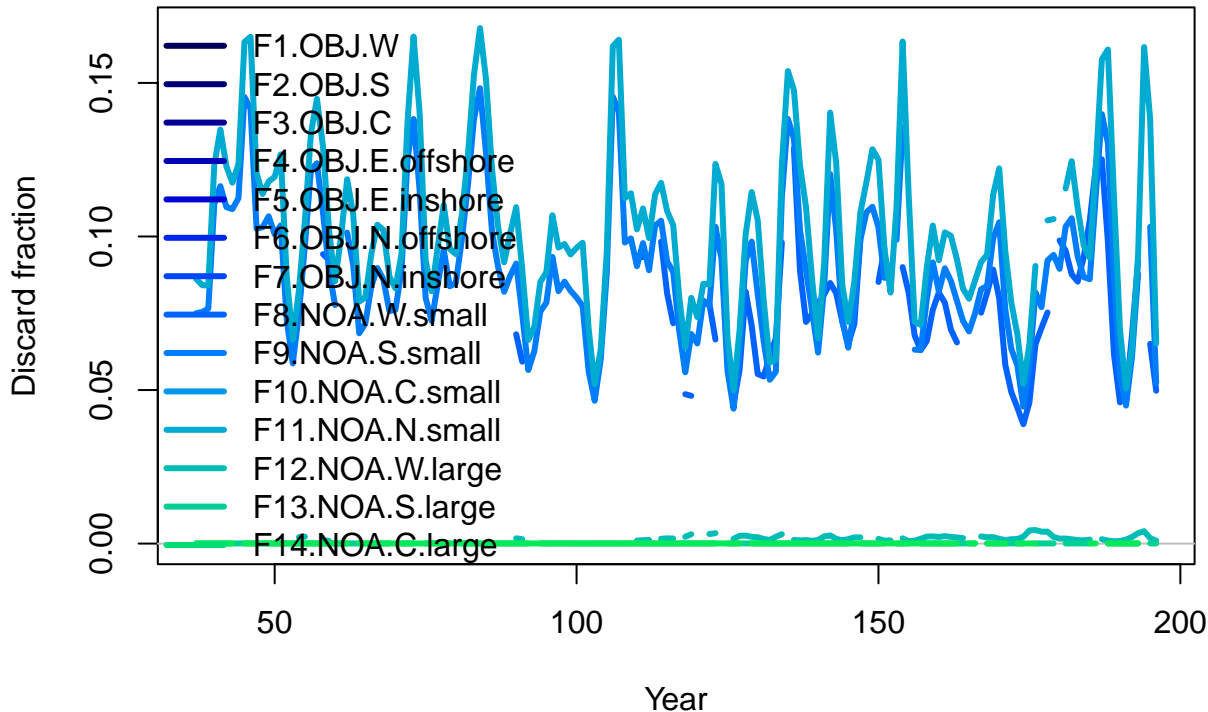
Log recruitment deviation

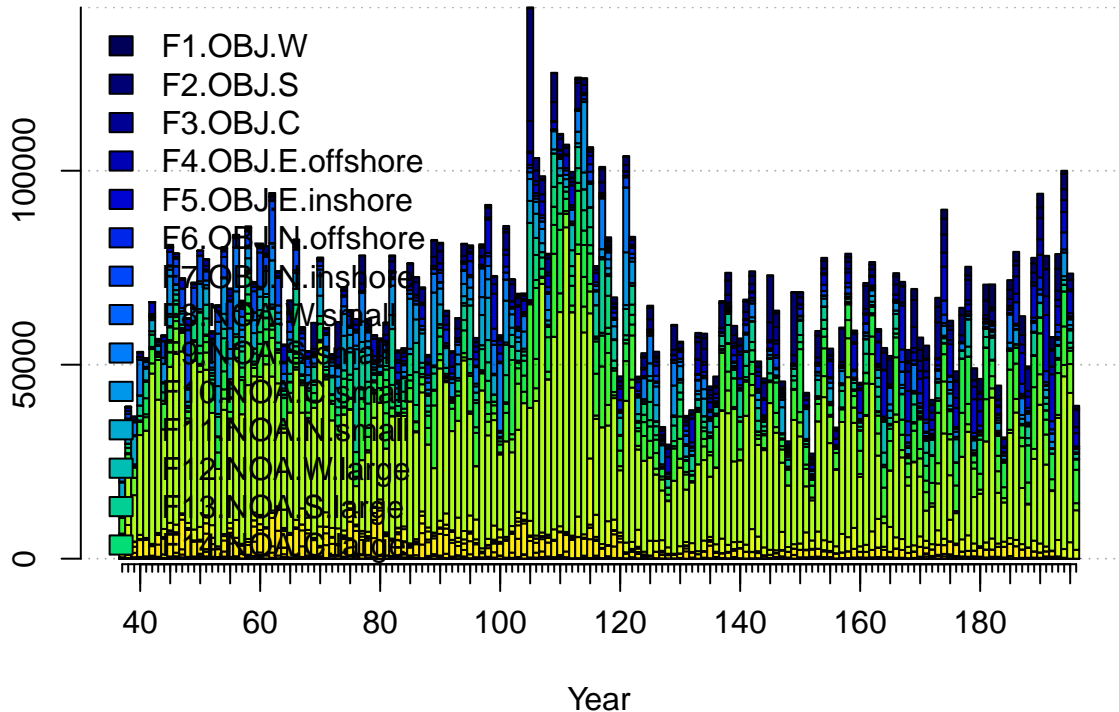


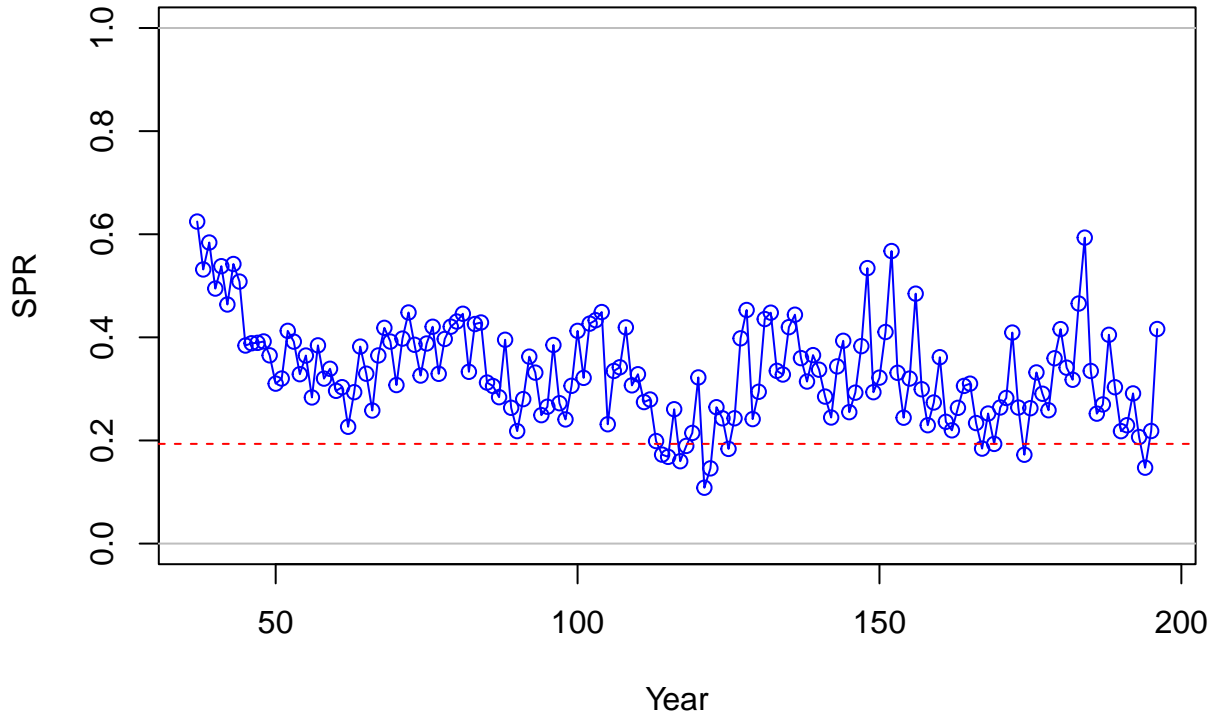


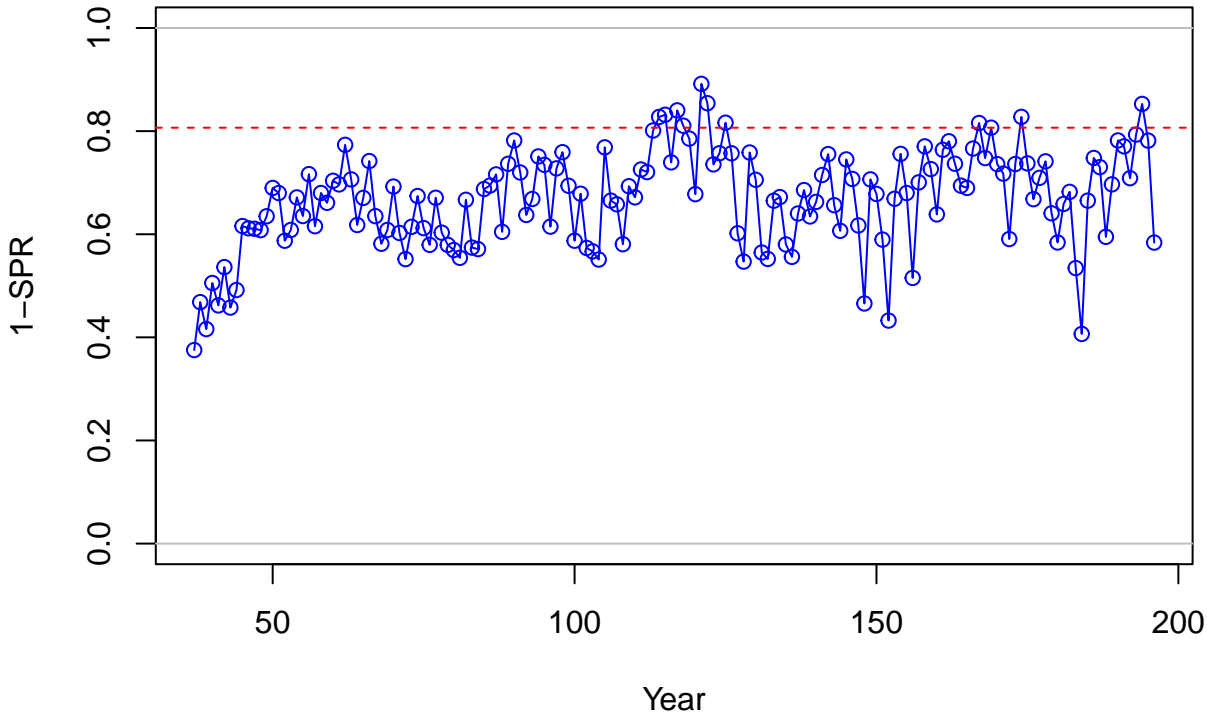




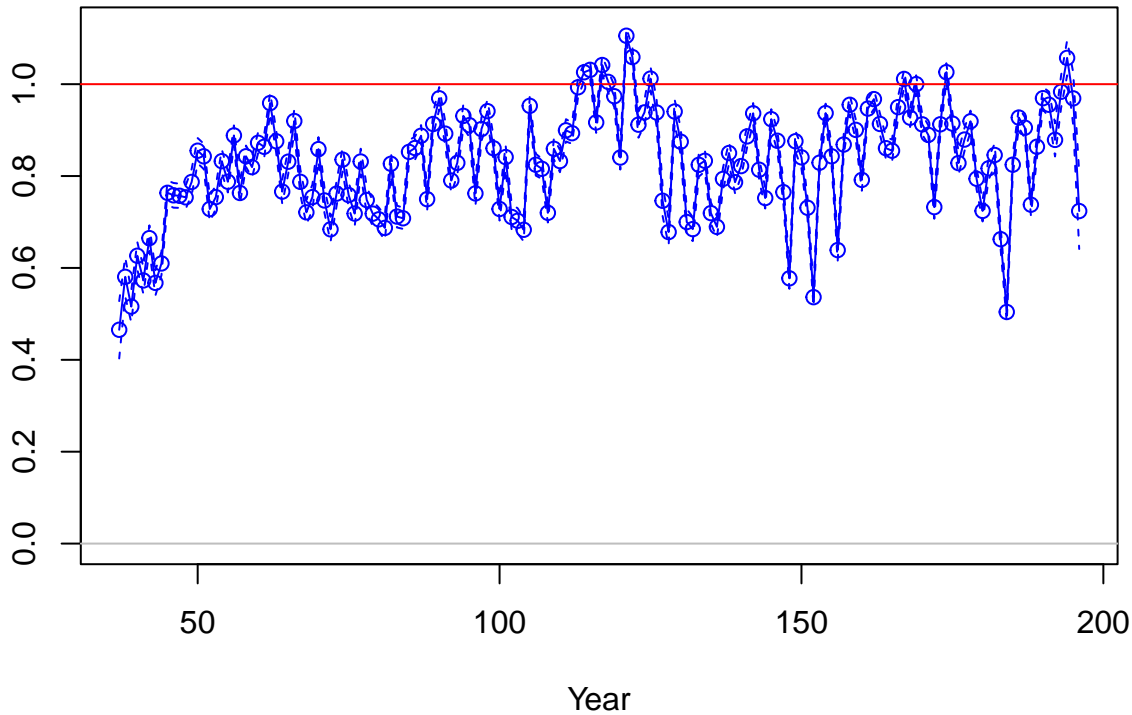


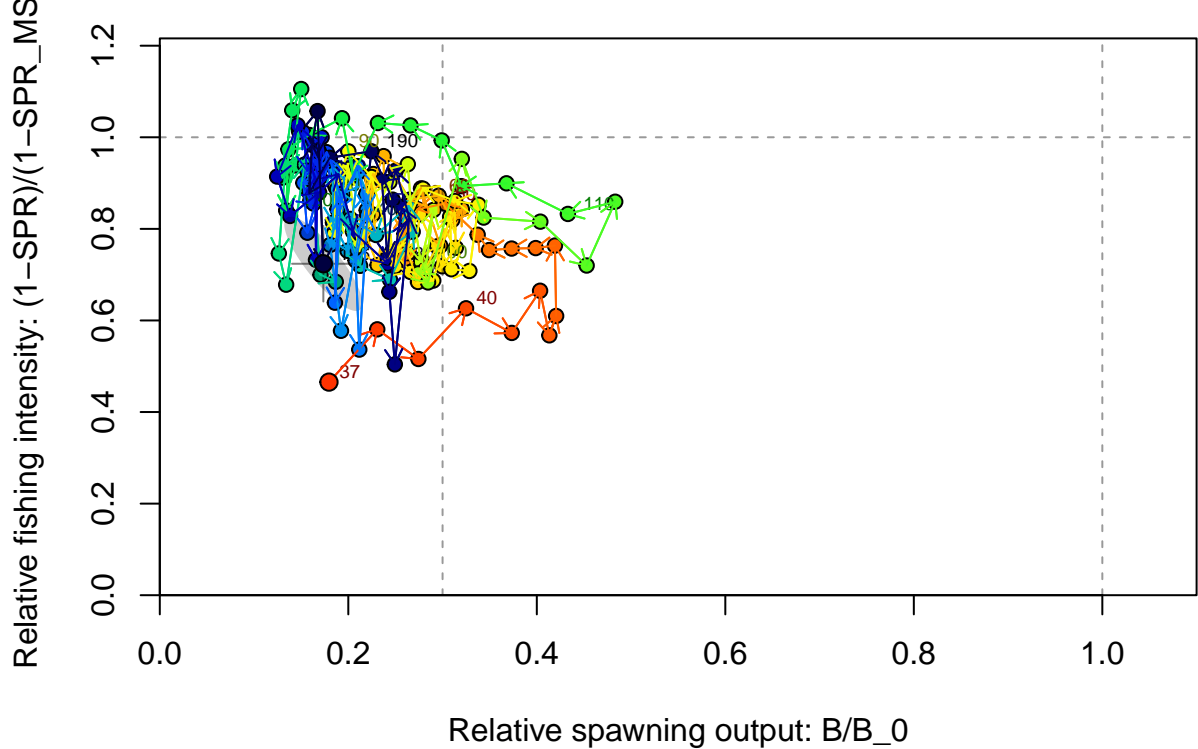




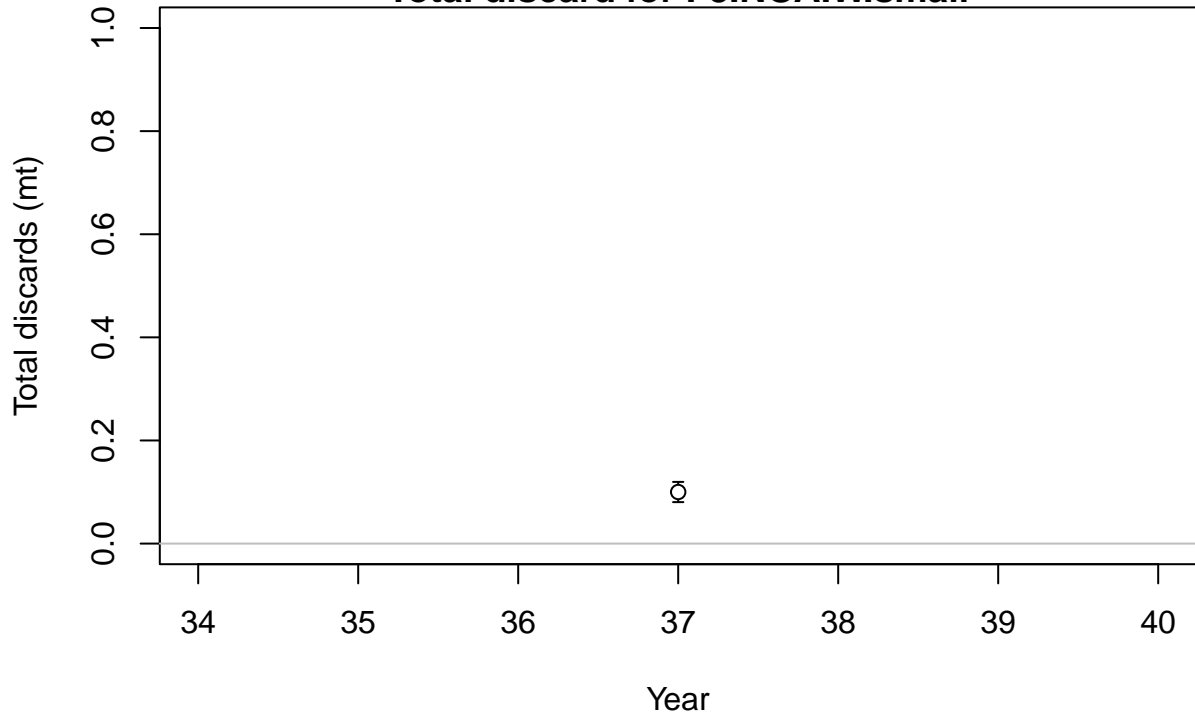


Relative fishing intensity: $(1-SPR)/(1-SPR_{MS})$

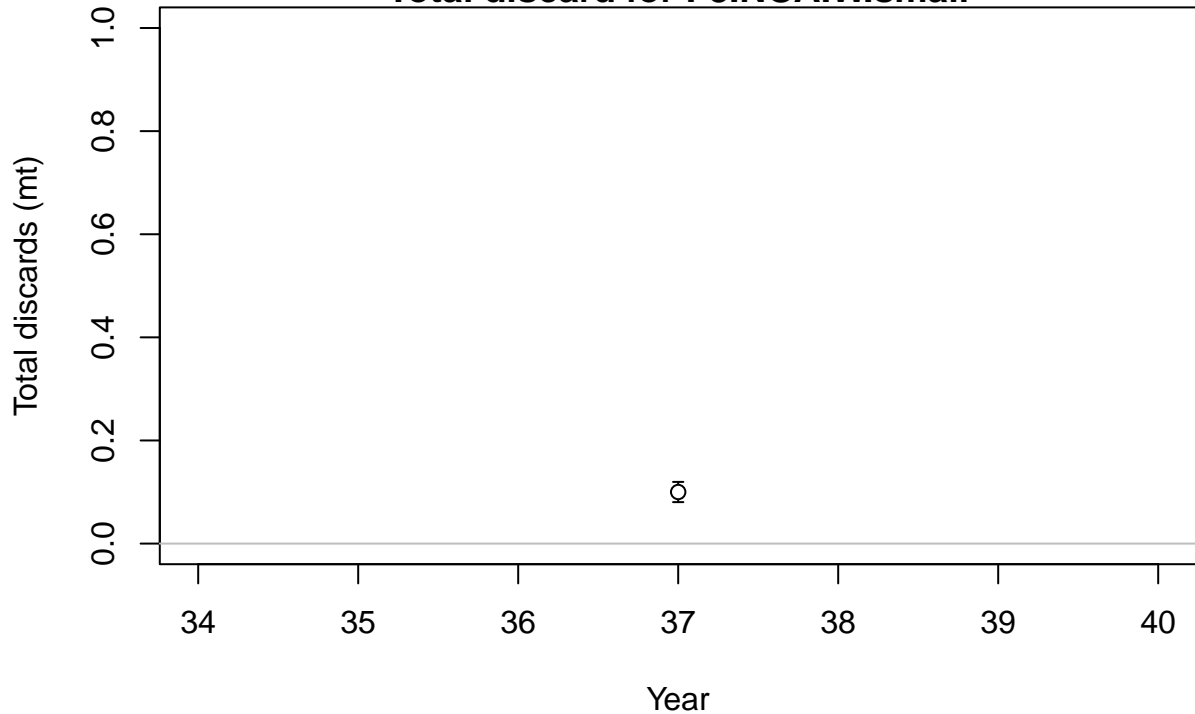




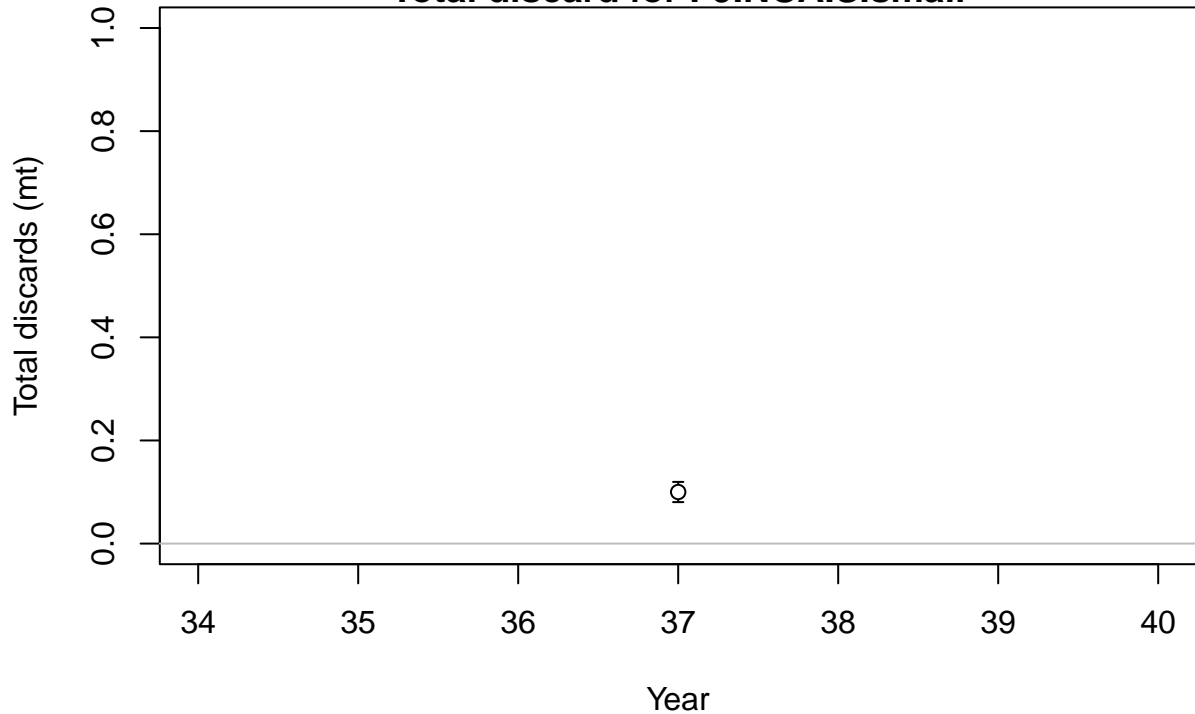
Total discard for F8.NOA.W.small



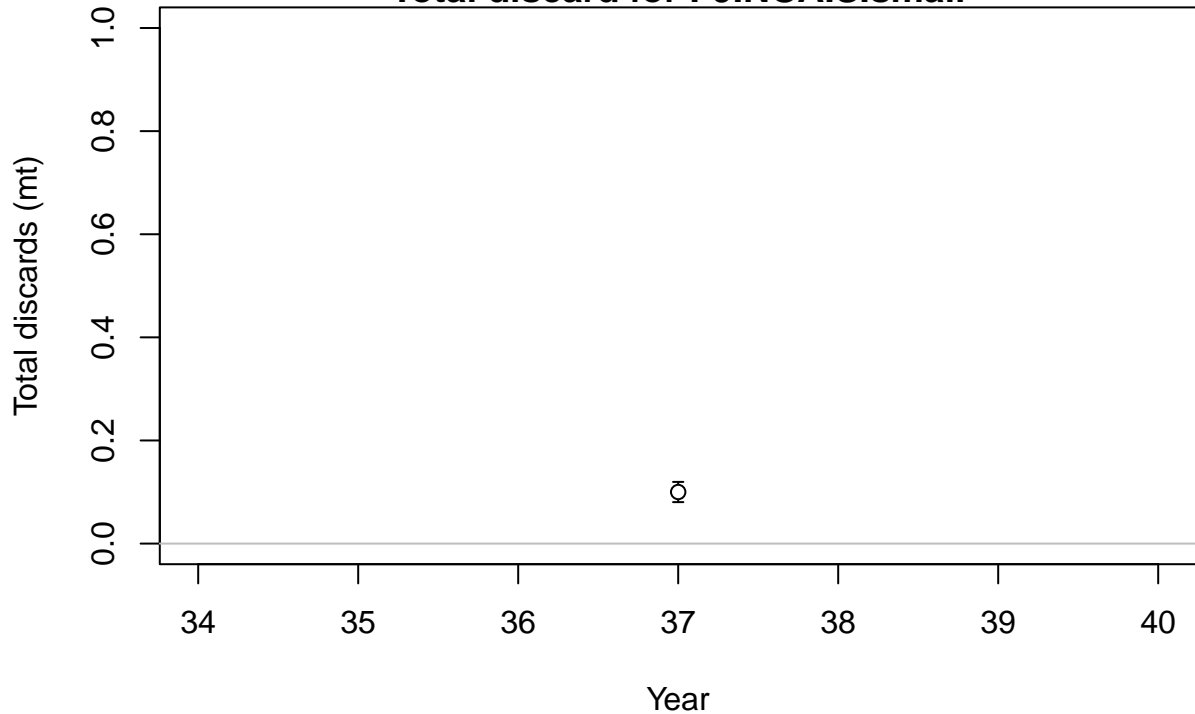
Total discard for F8.NOA.W.small



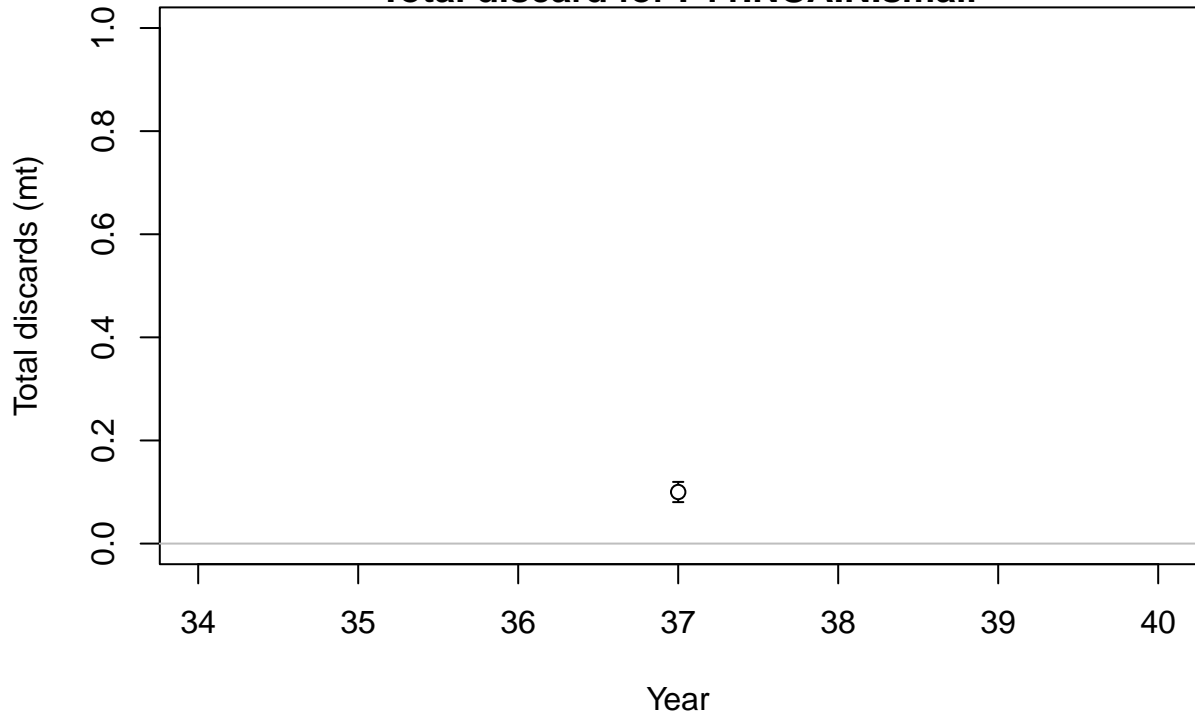
Total discard for F9.NOA.S.small



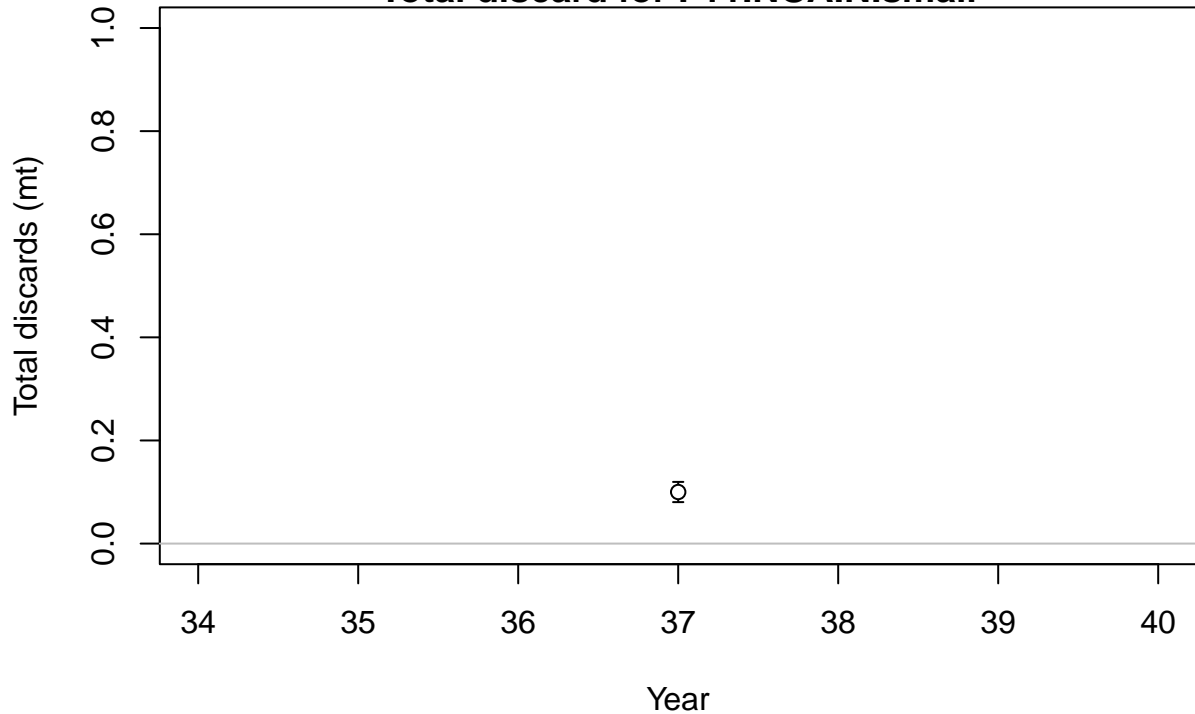
Total discard for F9.NOA.S.small



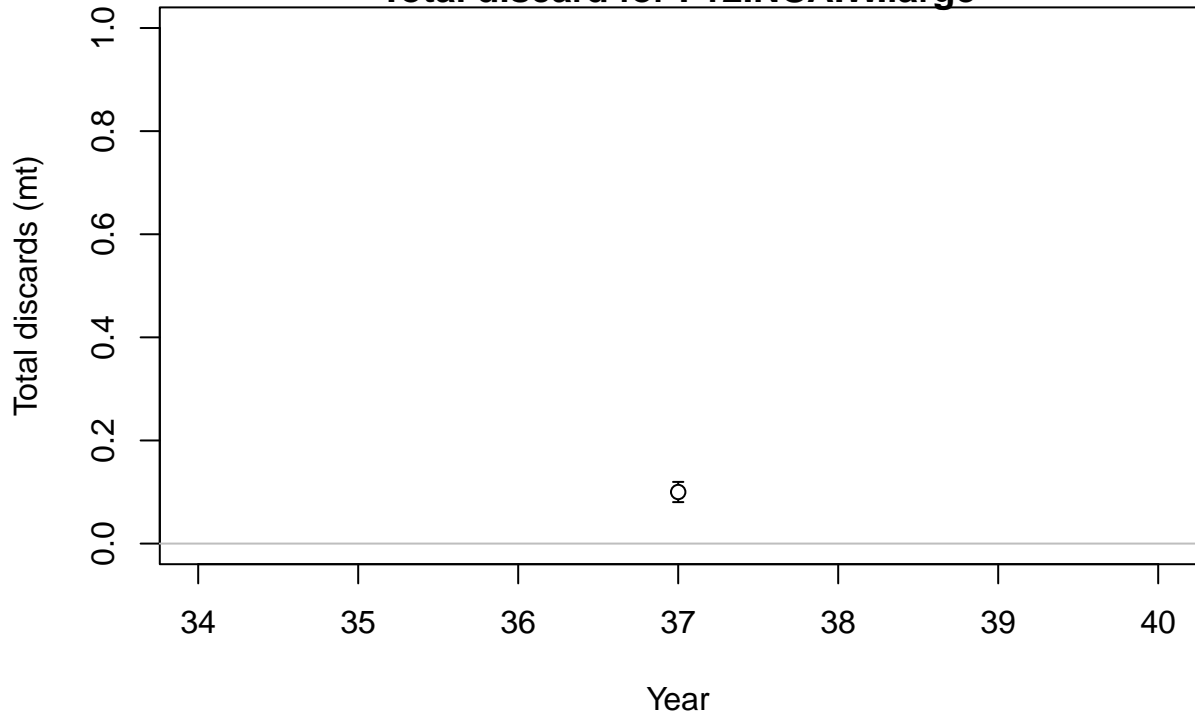
Total discard for F11.NOA.N.small



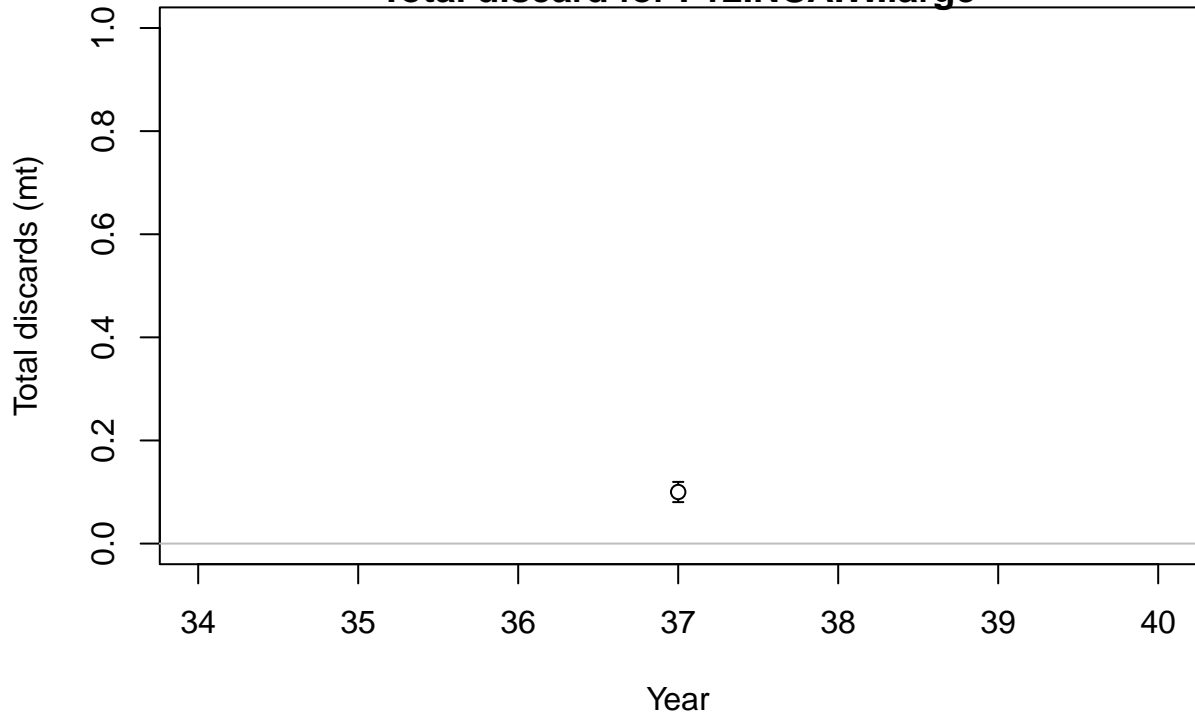
Total discard for F11.NOA.N.small



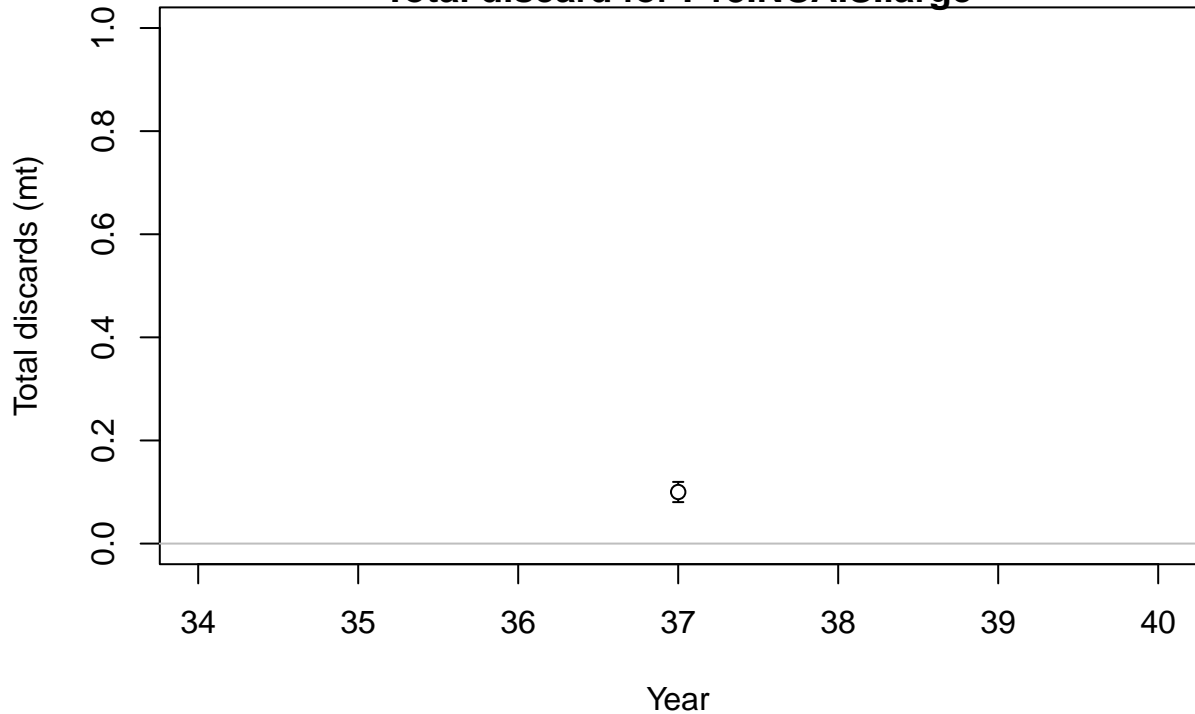
Total discard for F12.NOA.W.large



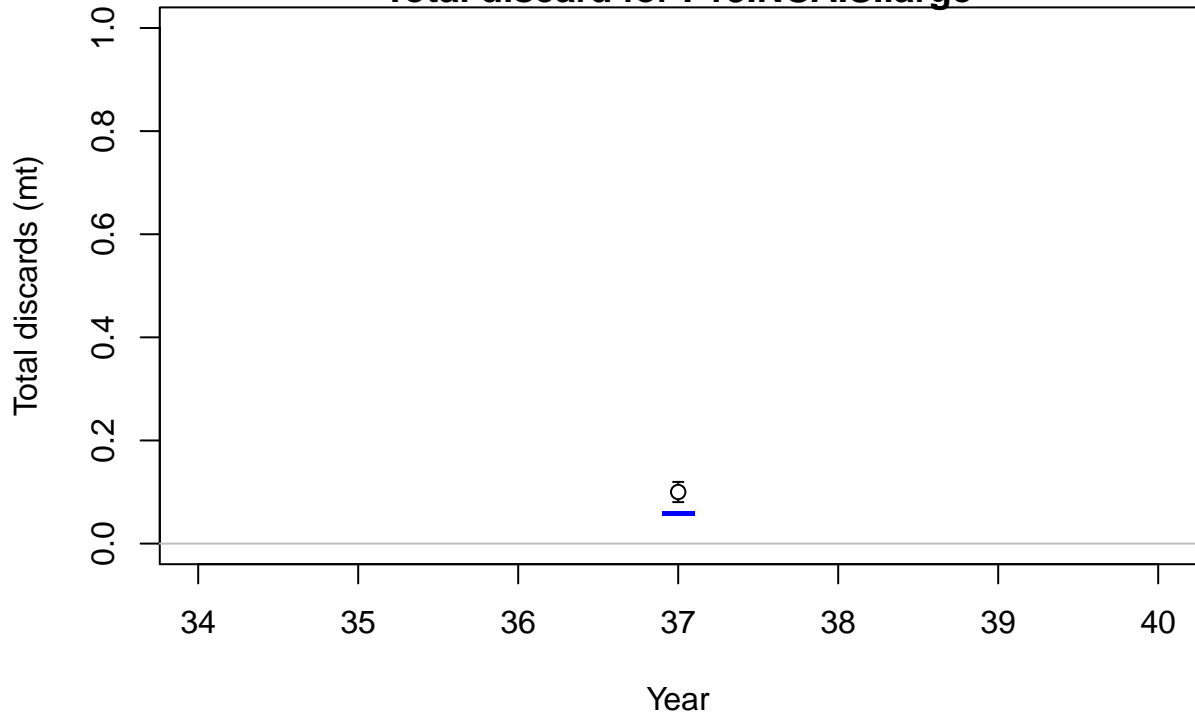
Total discard for F12.NOA.W.large



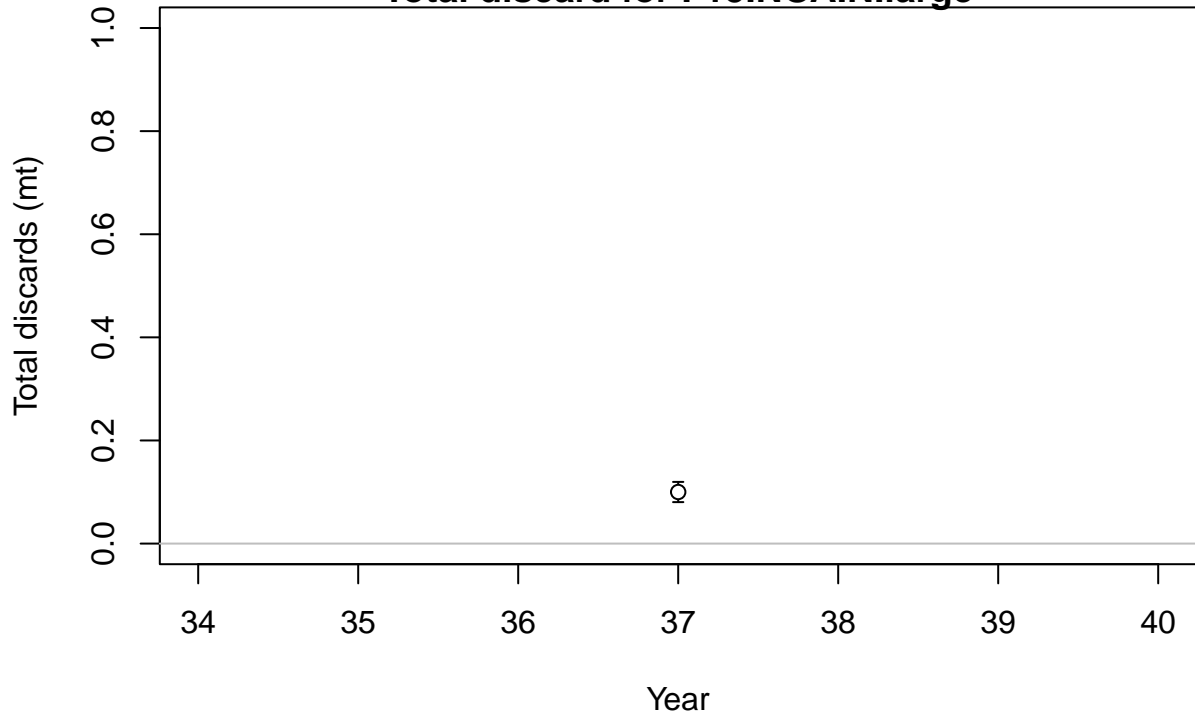
Total discard for F13.NOA.S.large



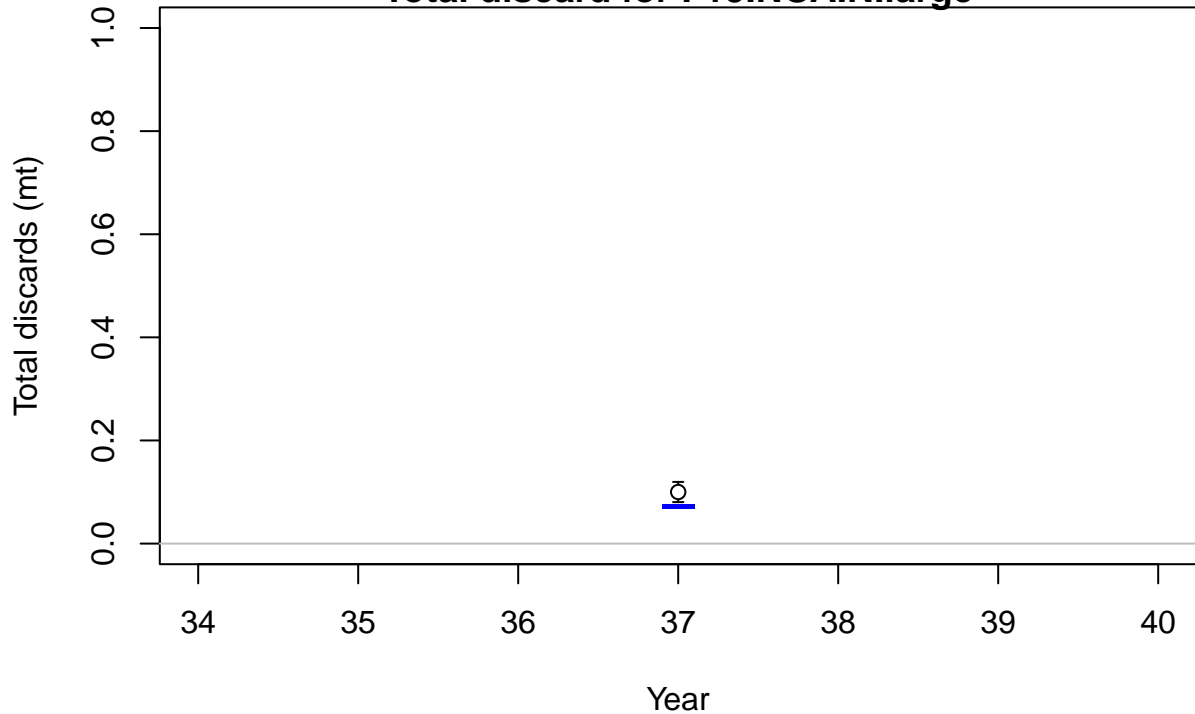
Total discard for F13.NOA.S.large

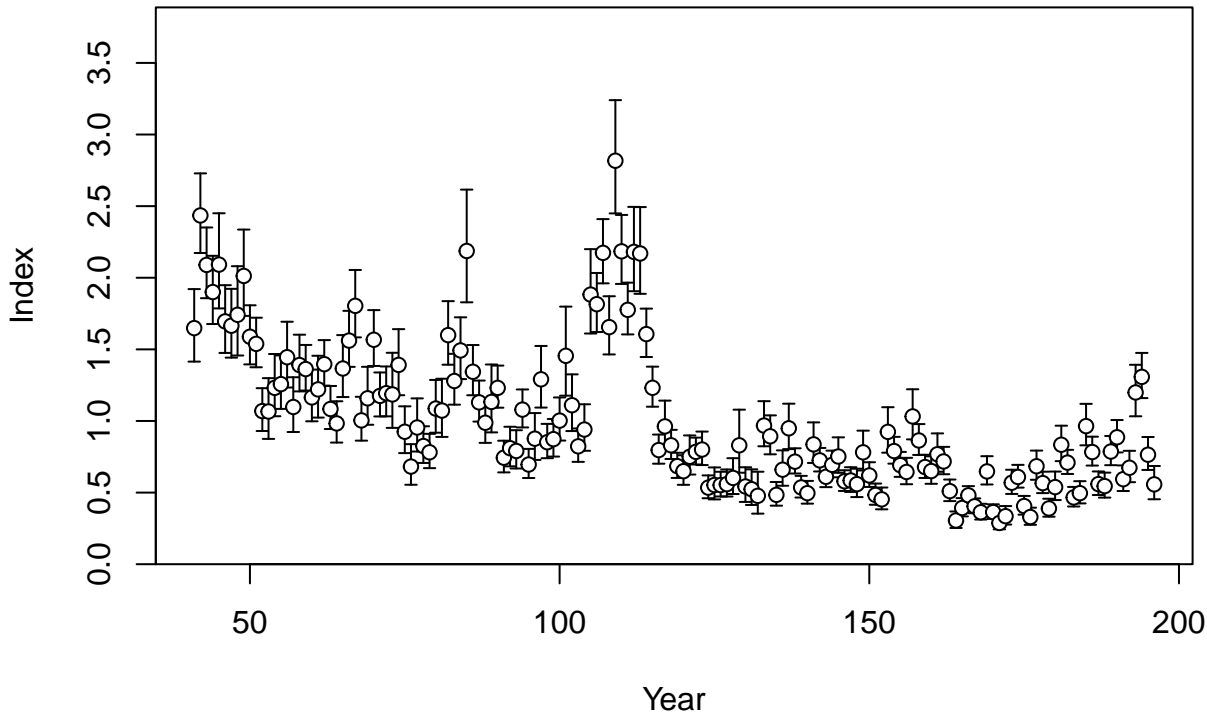


Total discard for F15.NOA.N.large

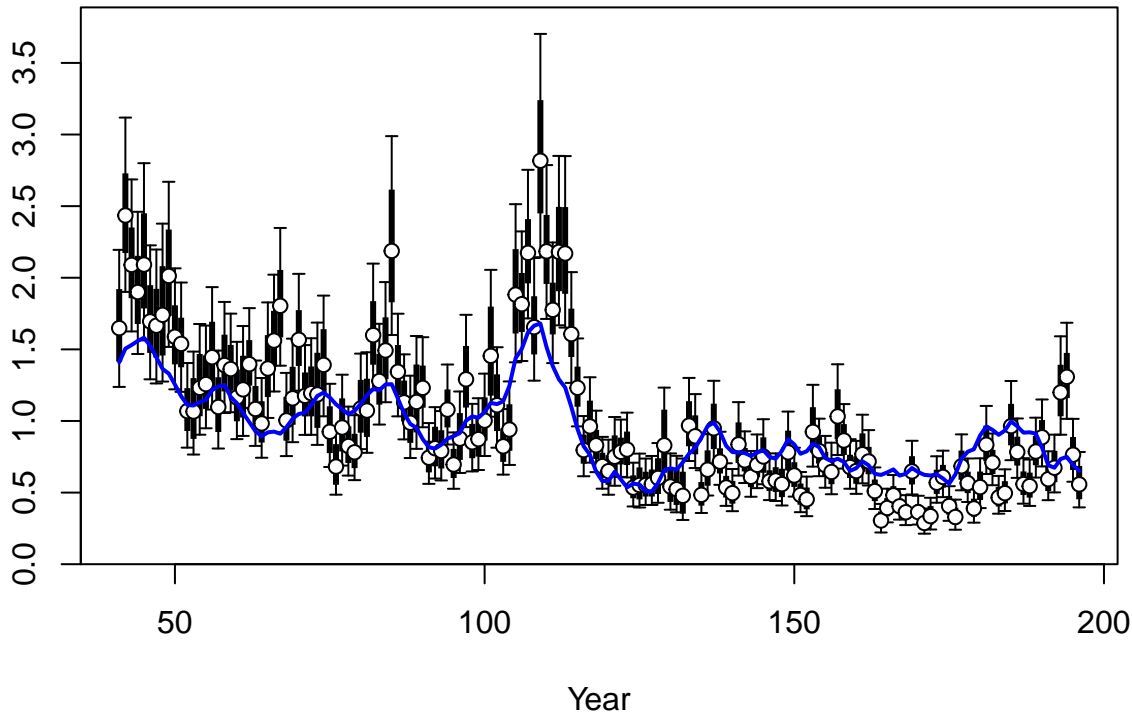


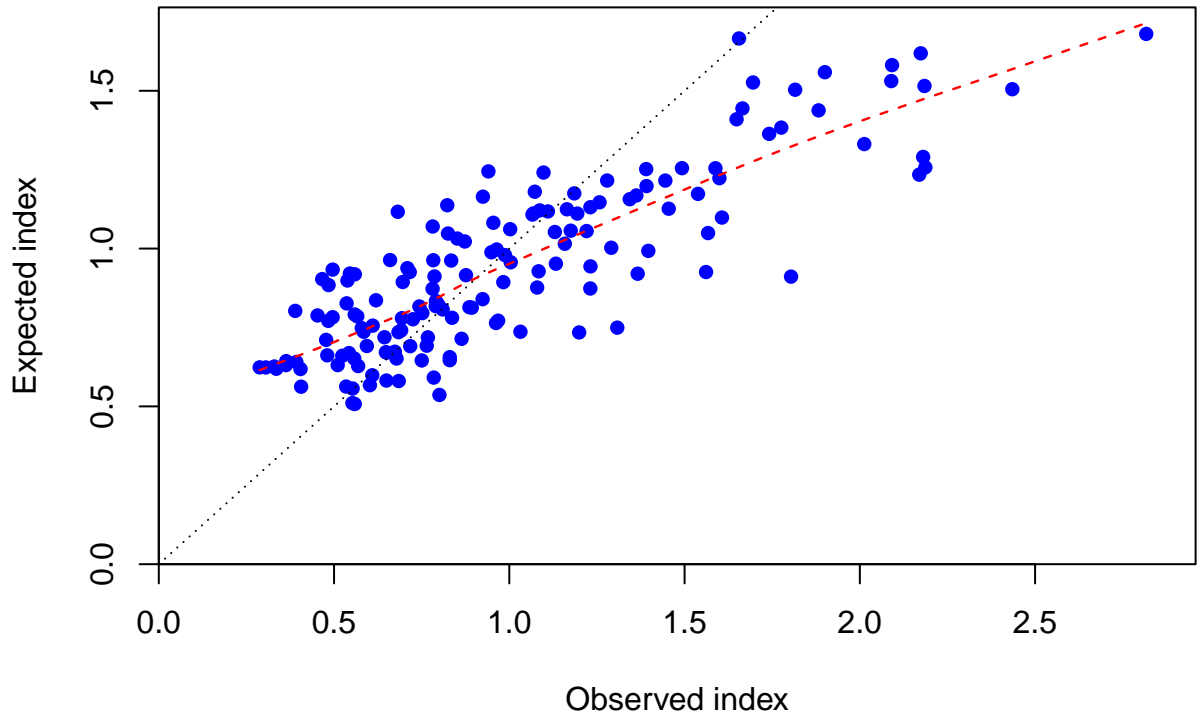
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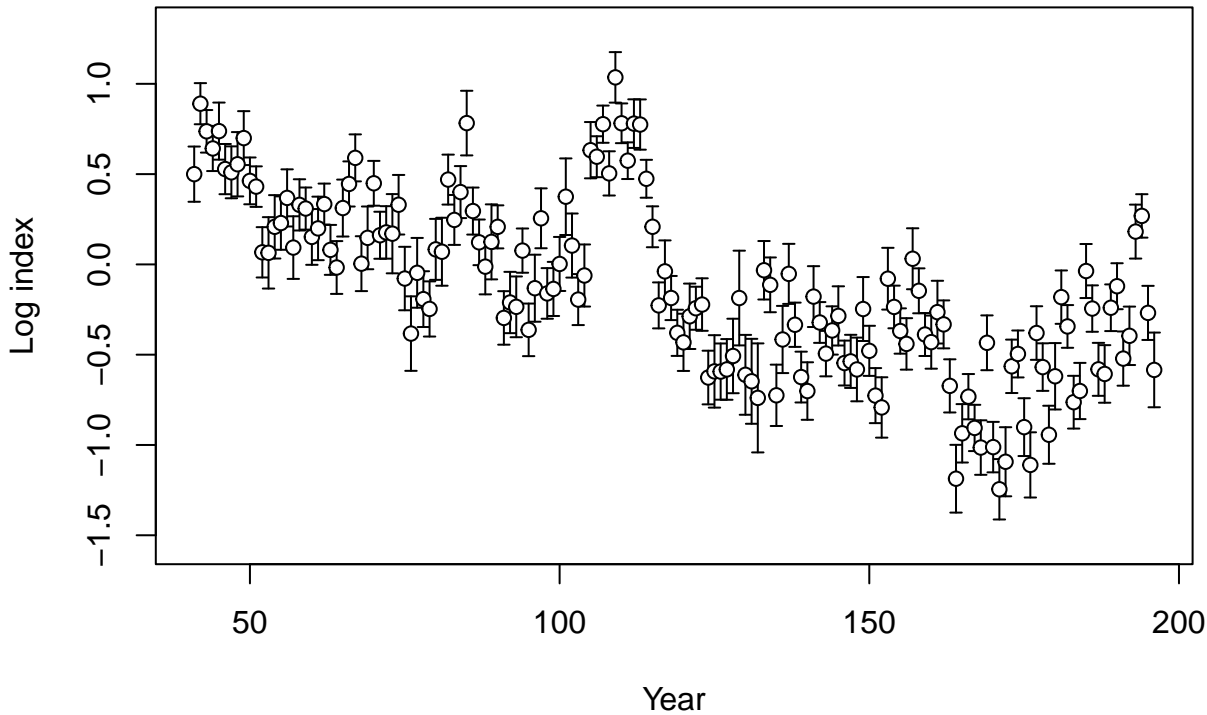


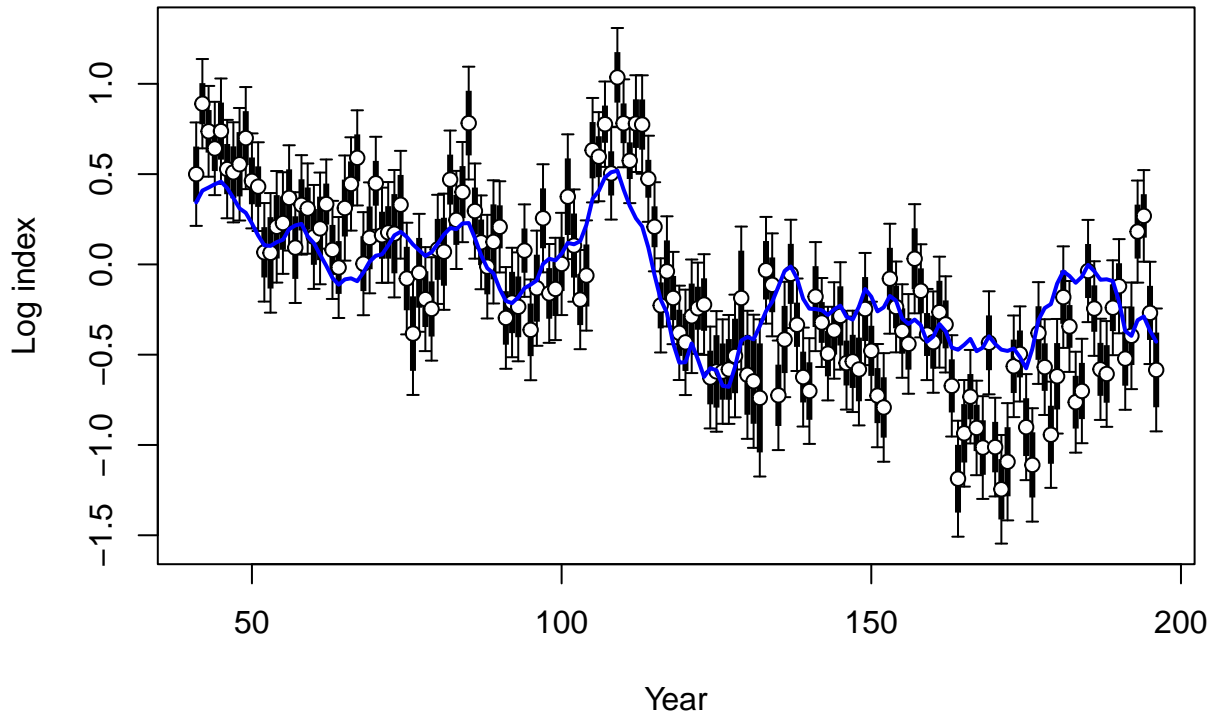


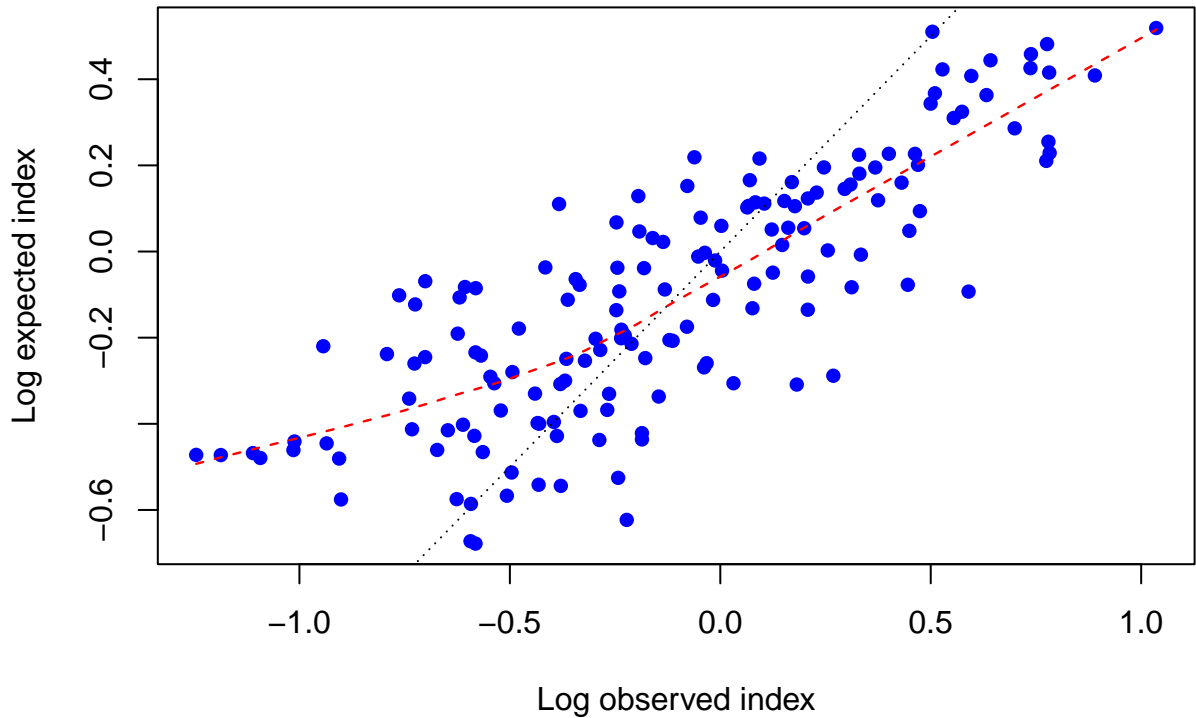
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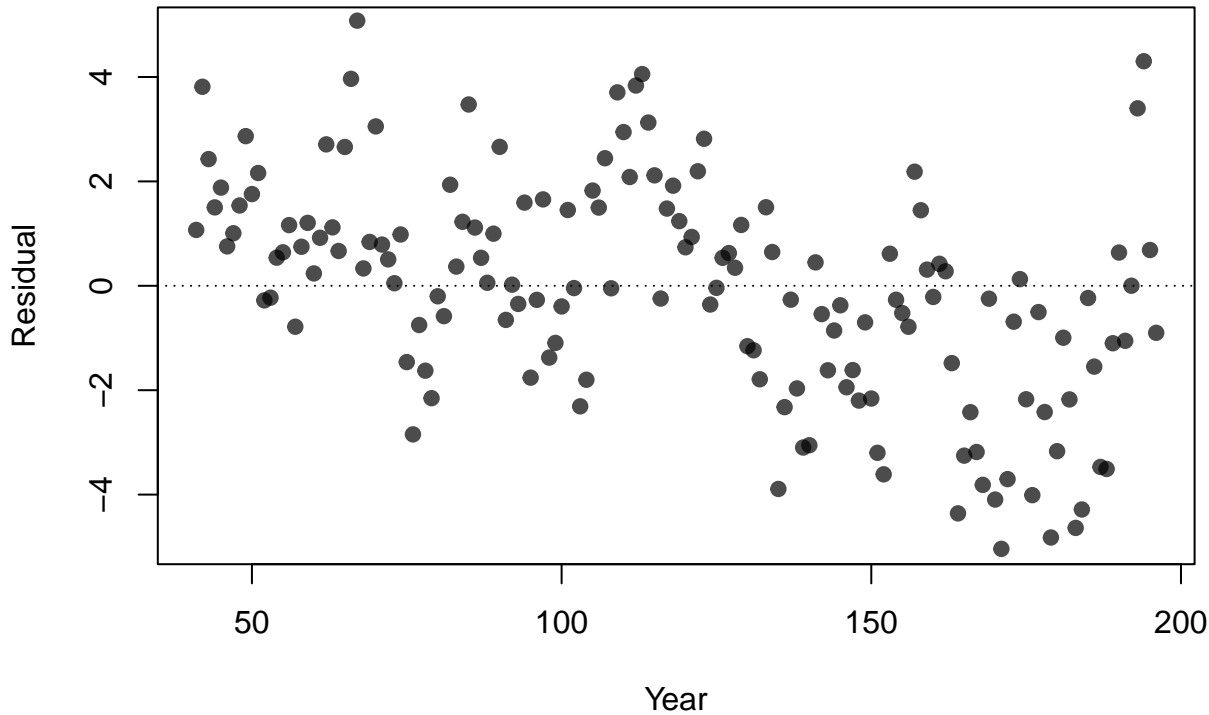


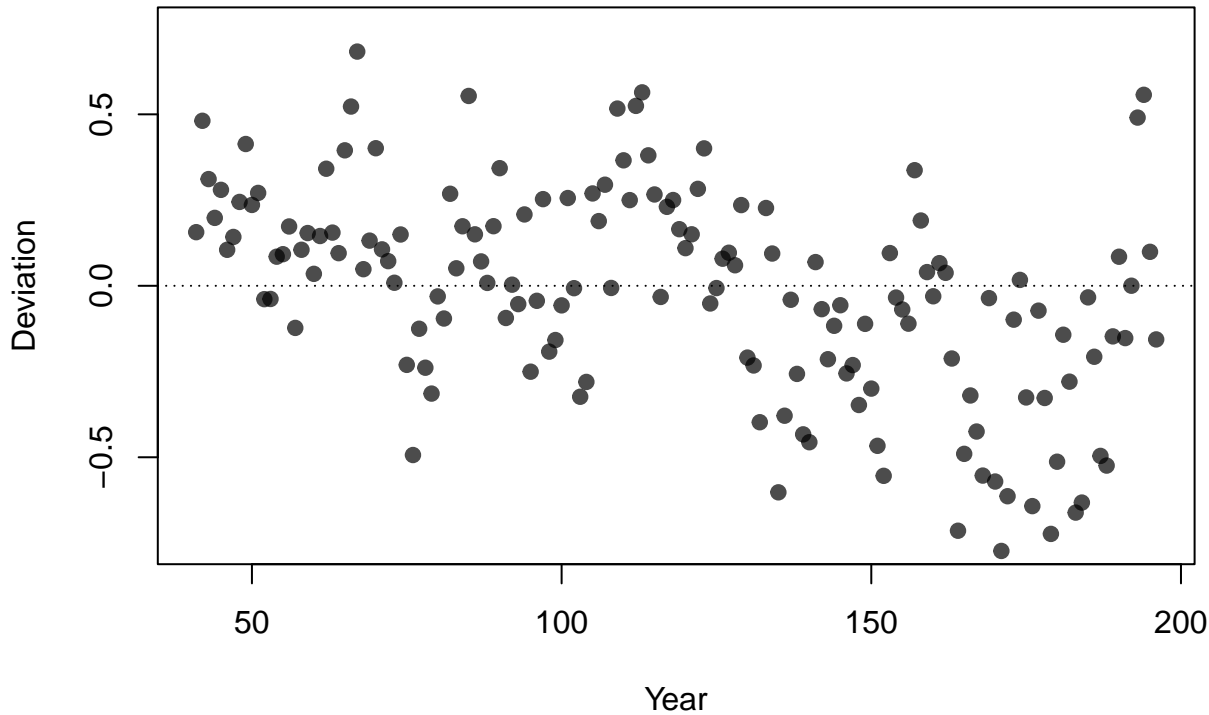


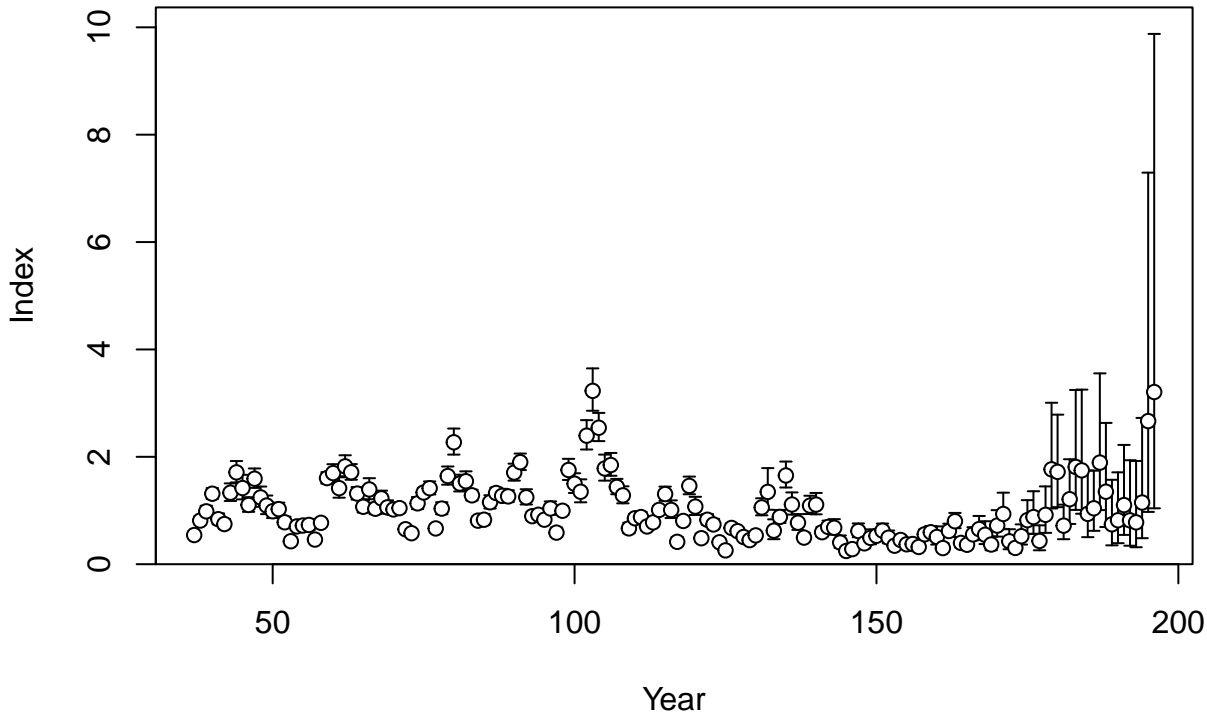




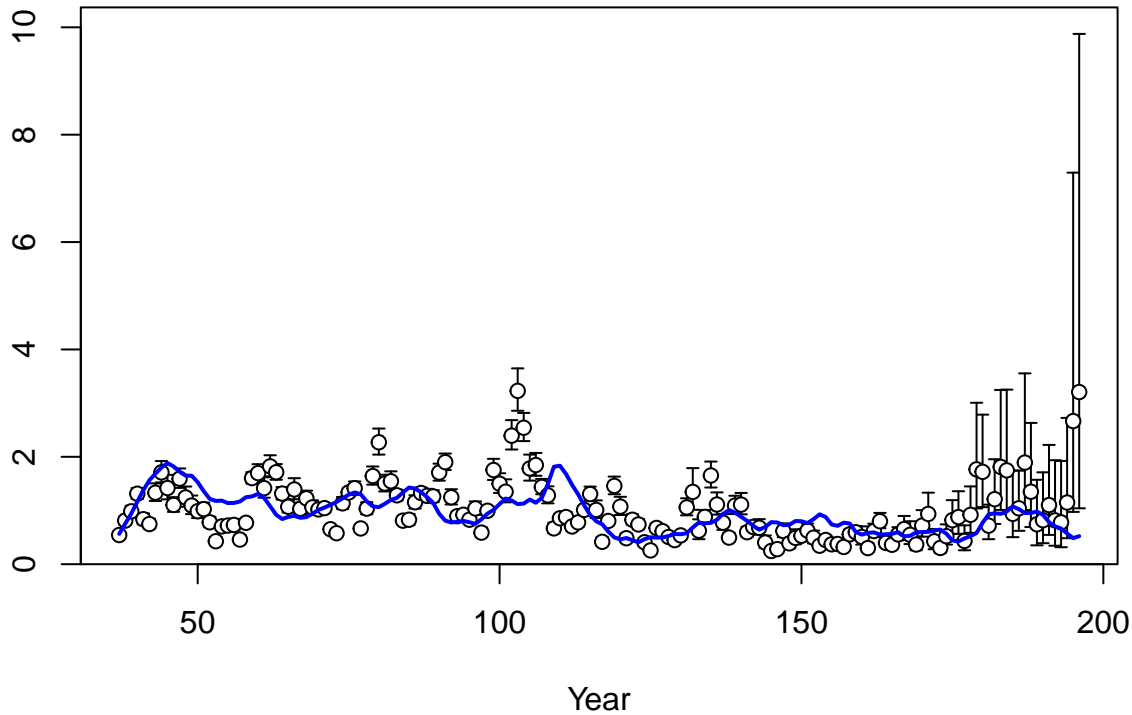


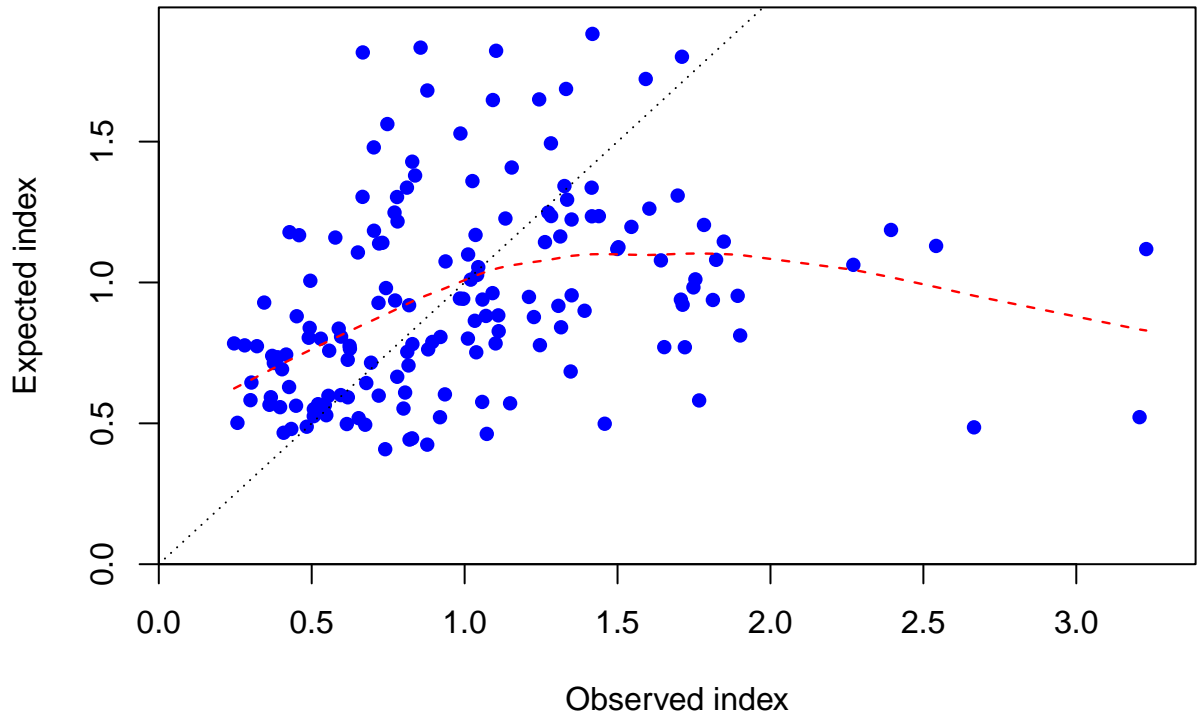






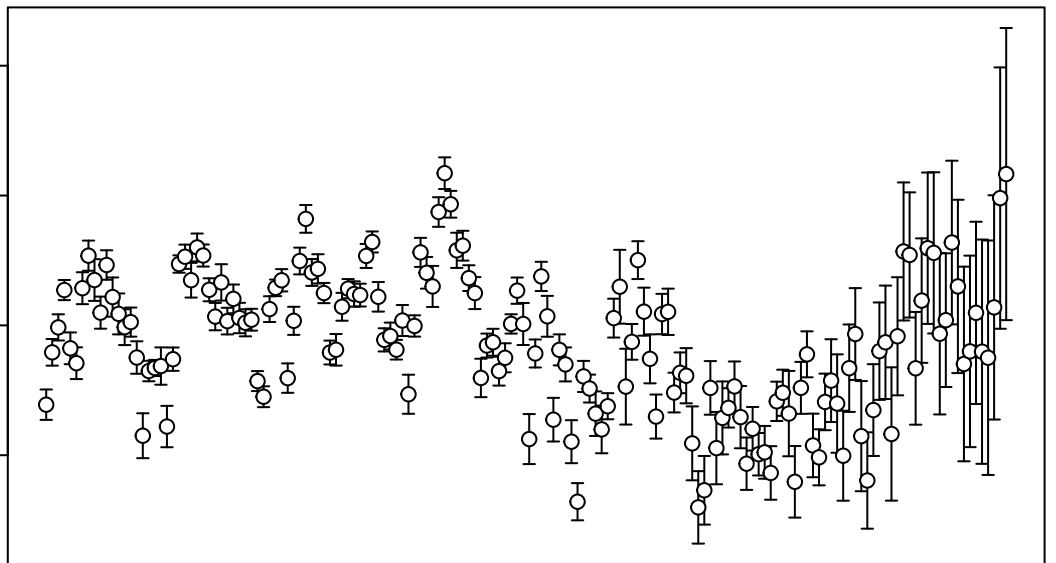
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Log index

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1
0
-1



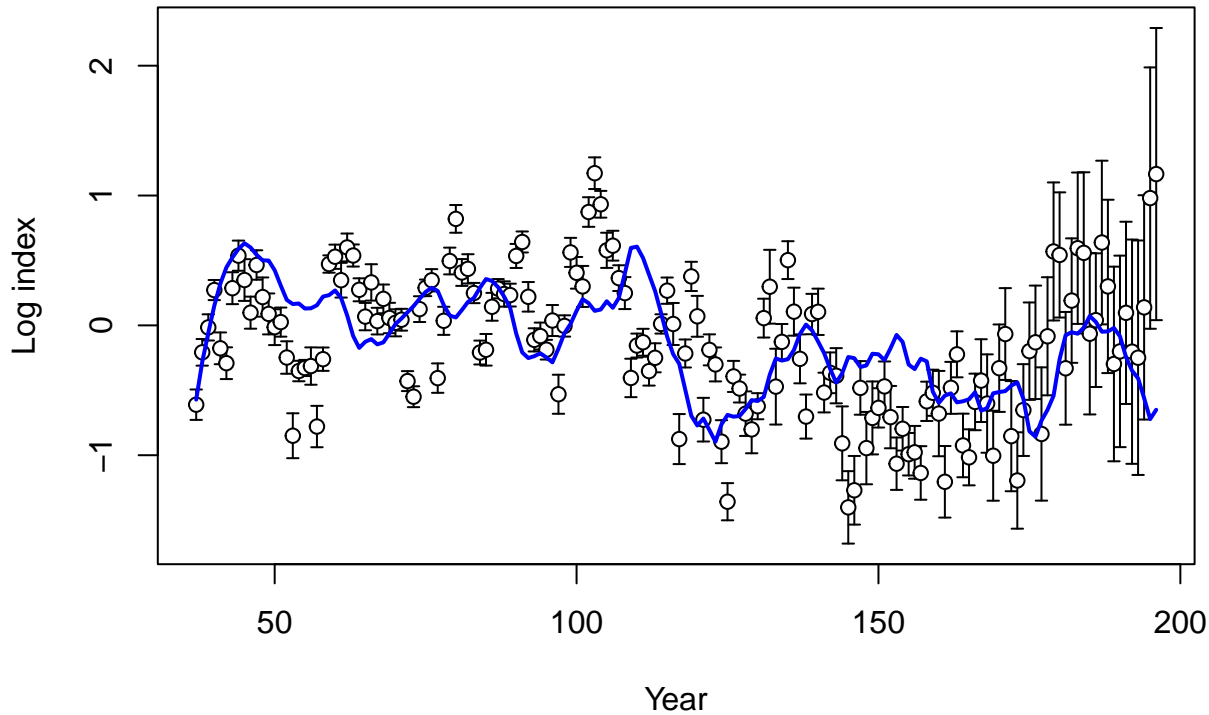
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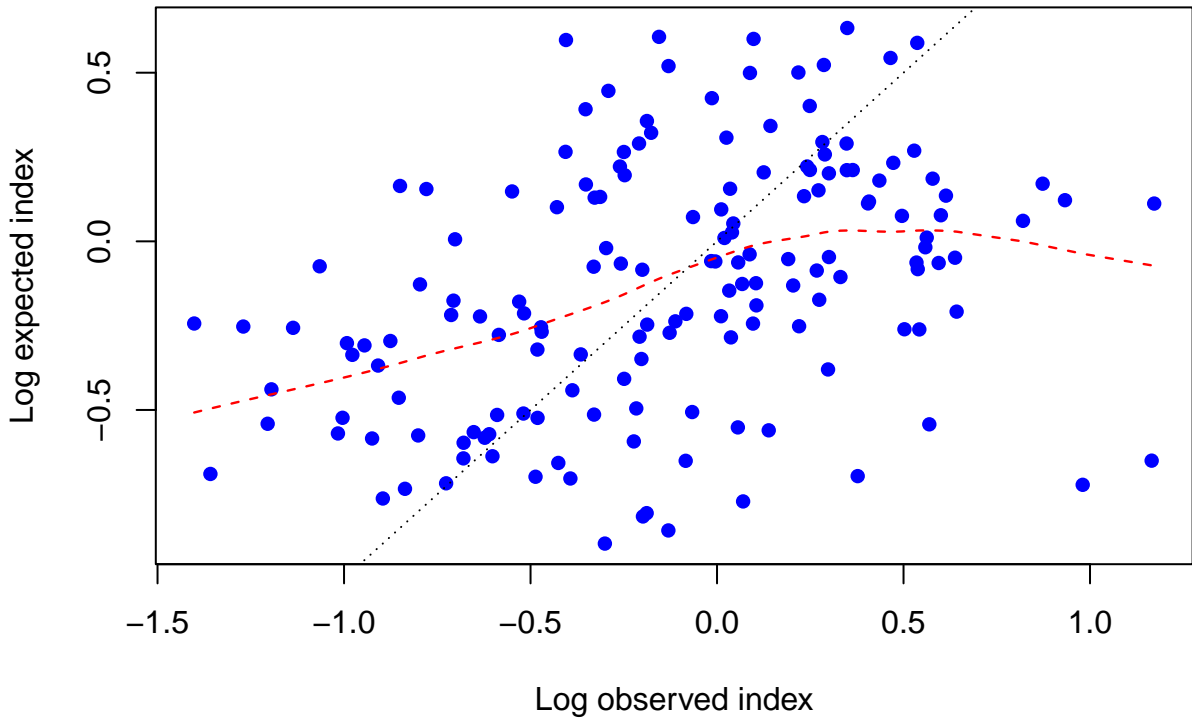
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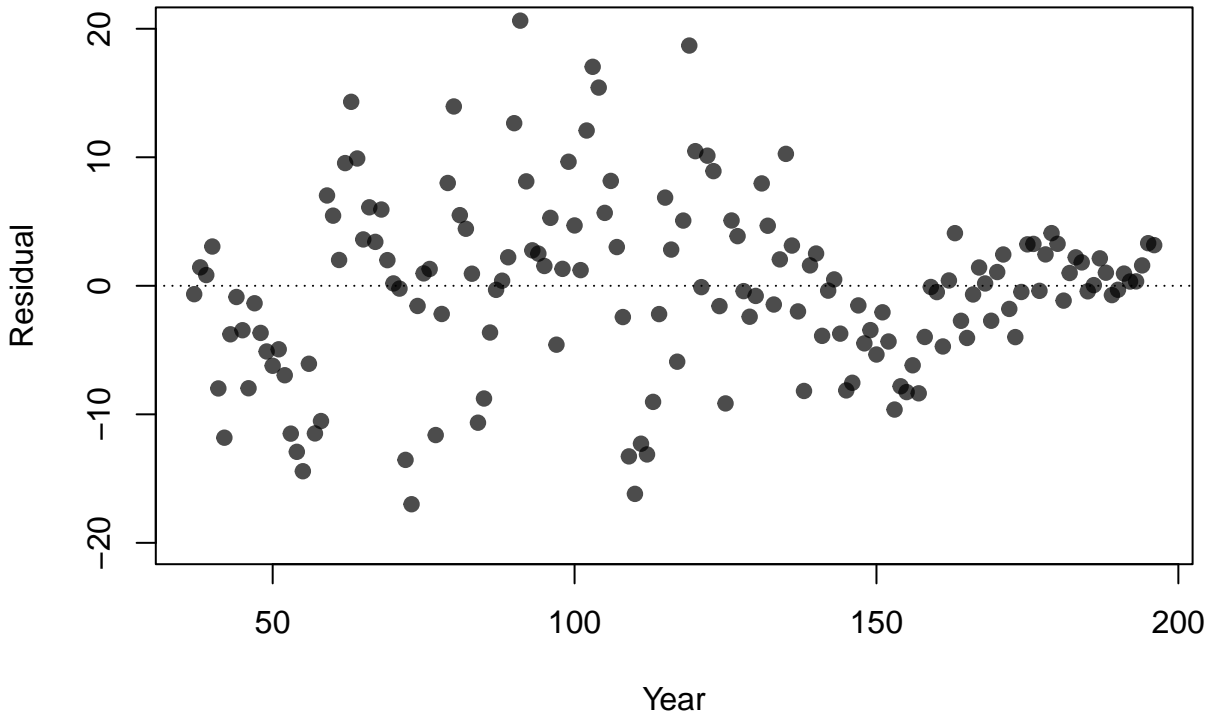
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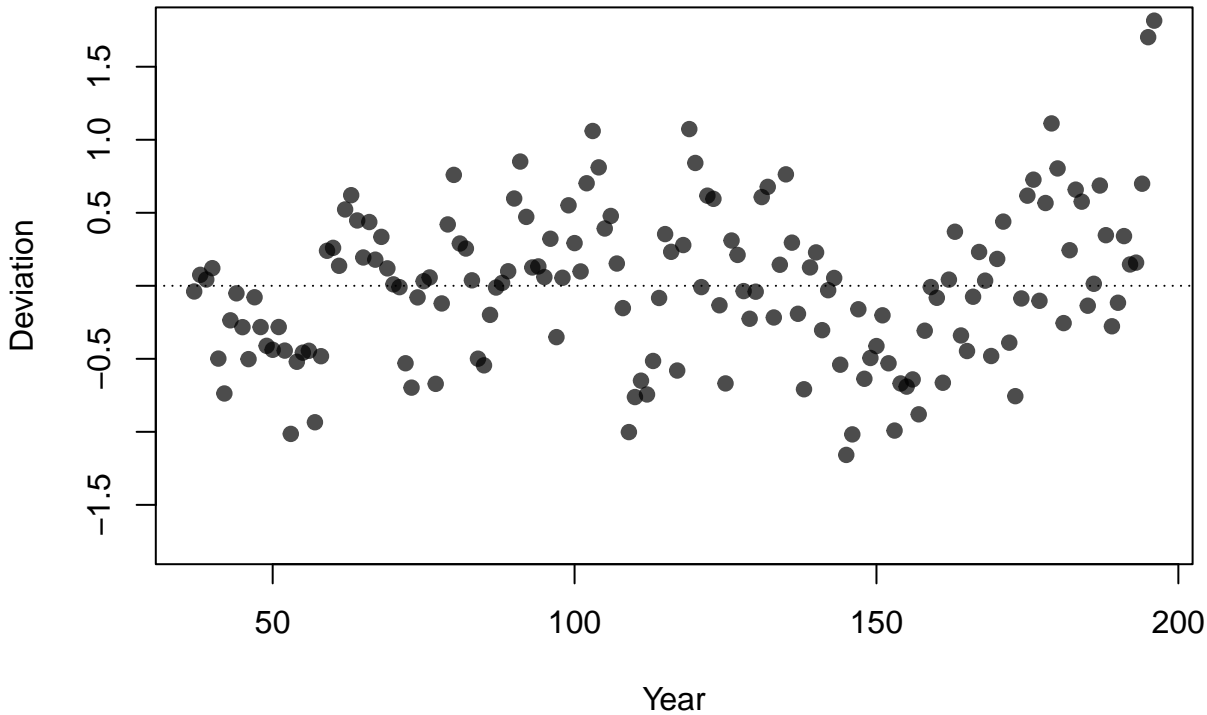
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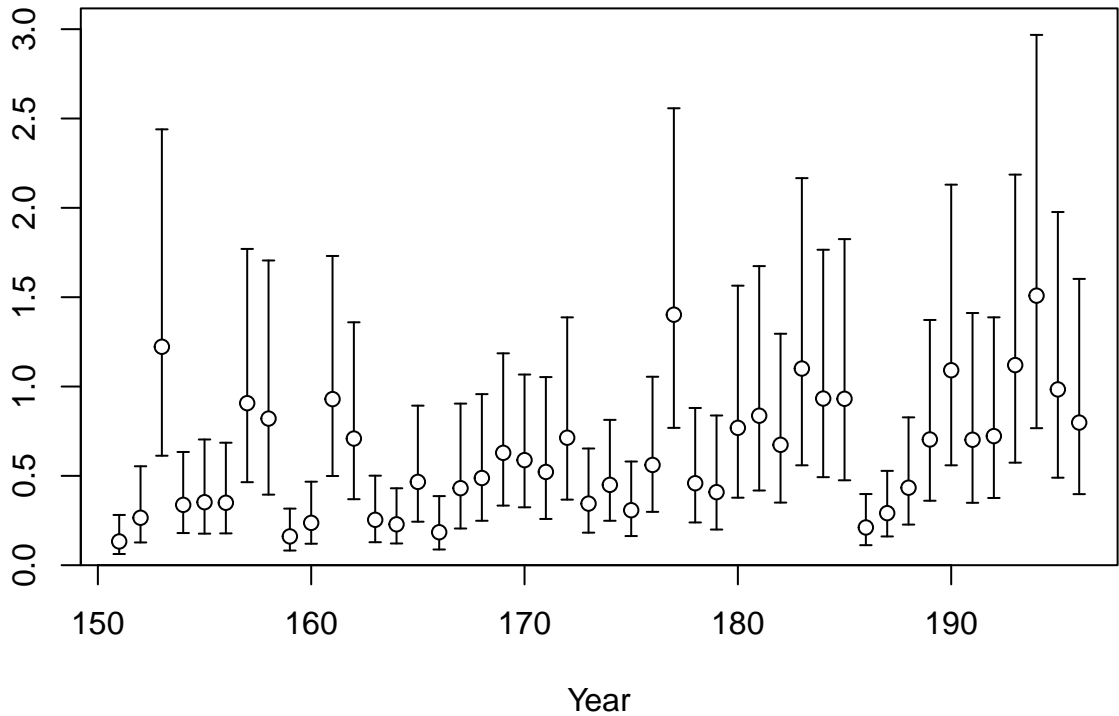




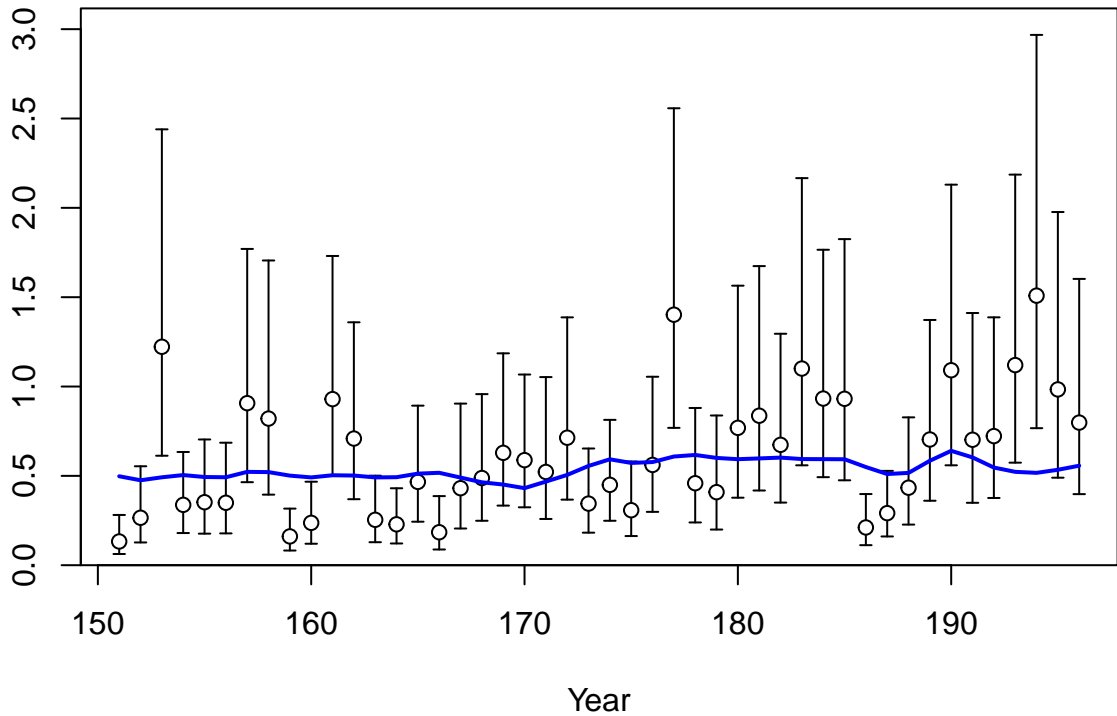


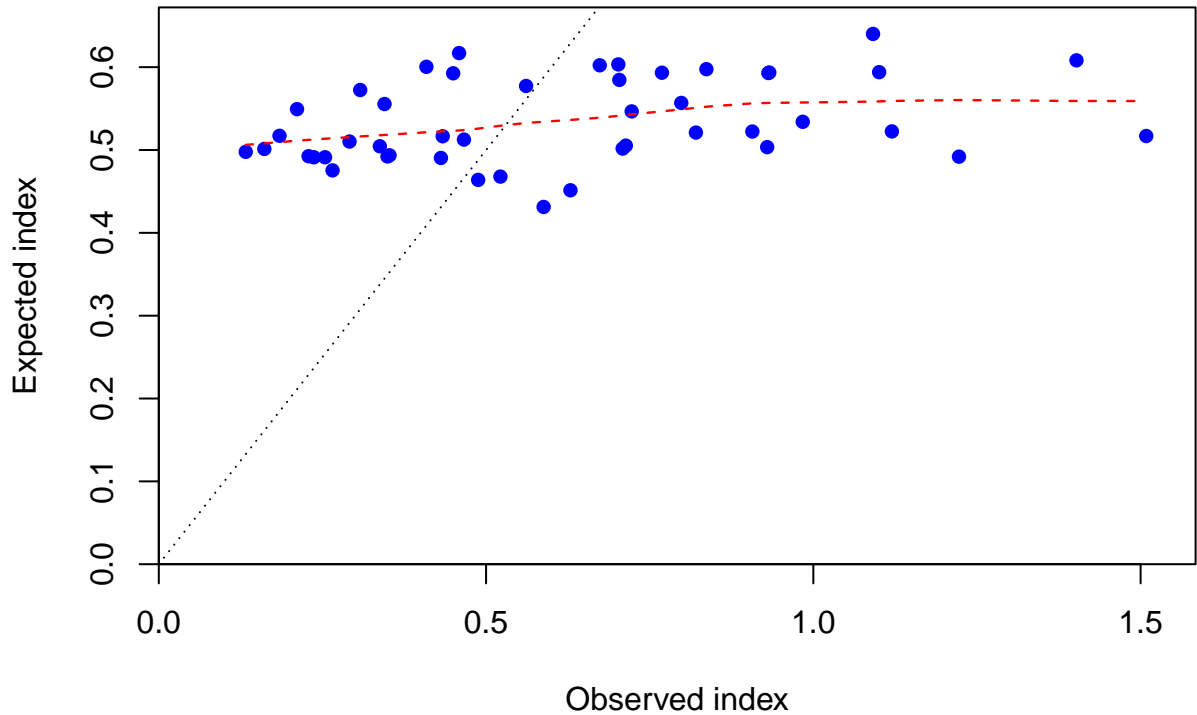


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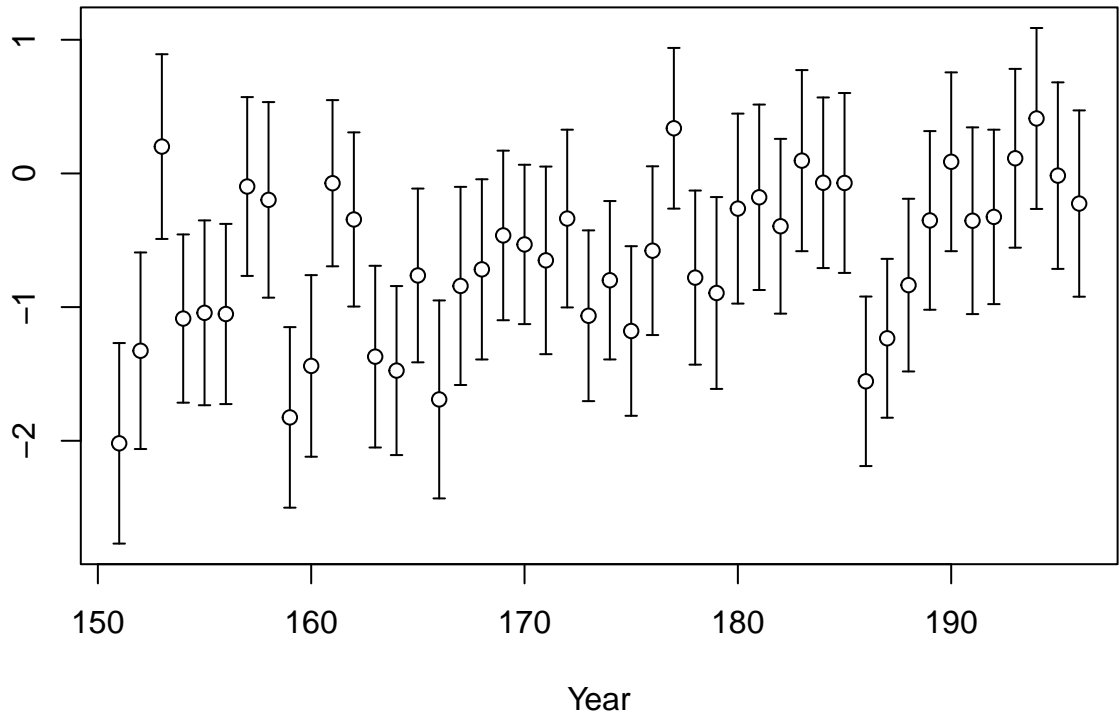


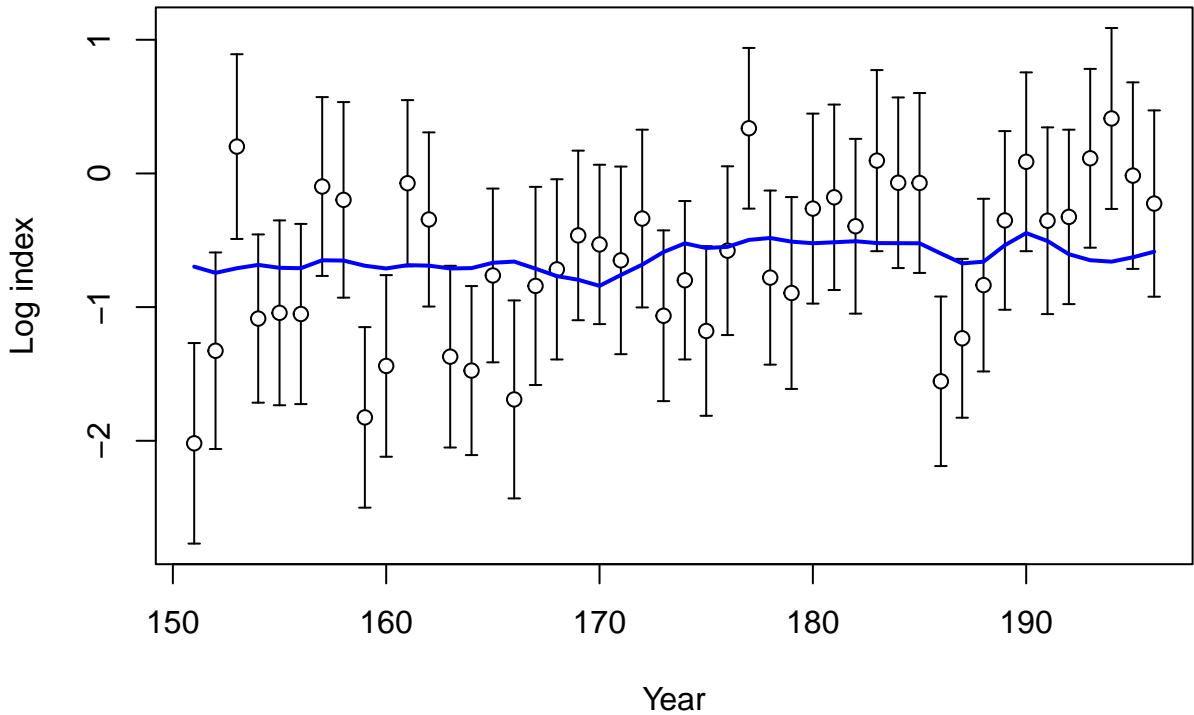
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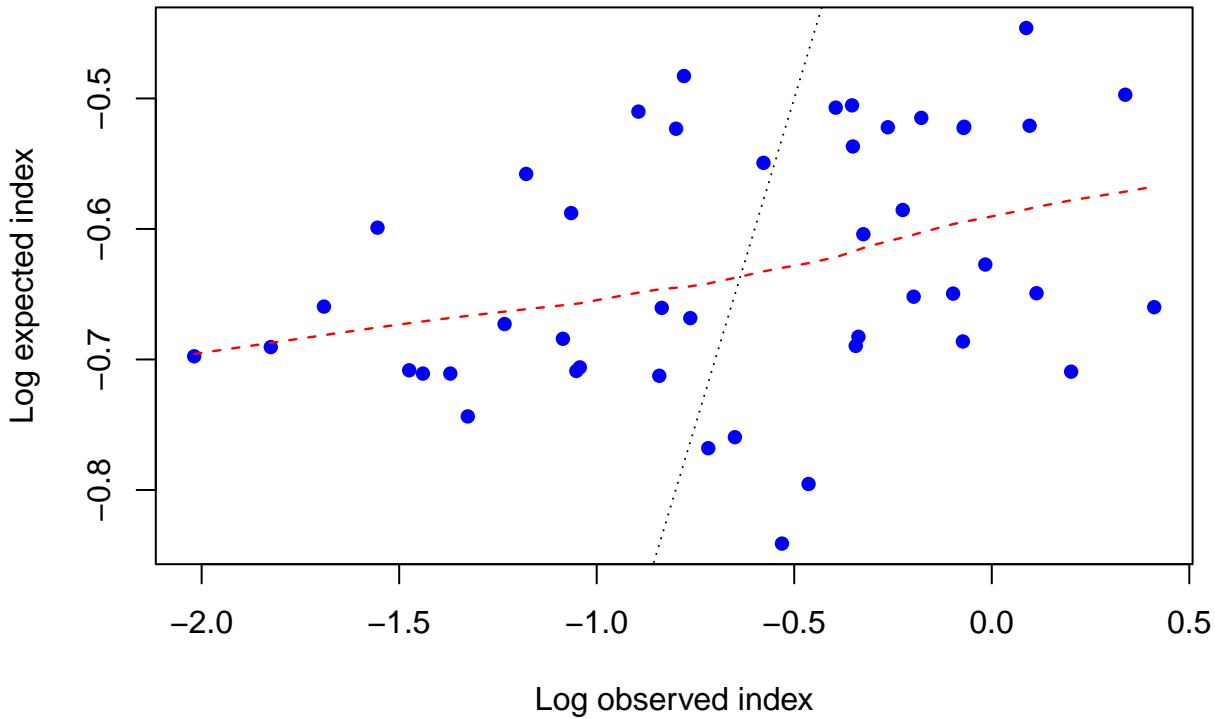


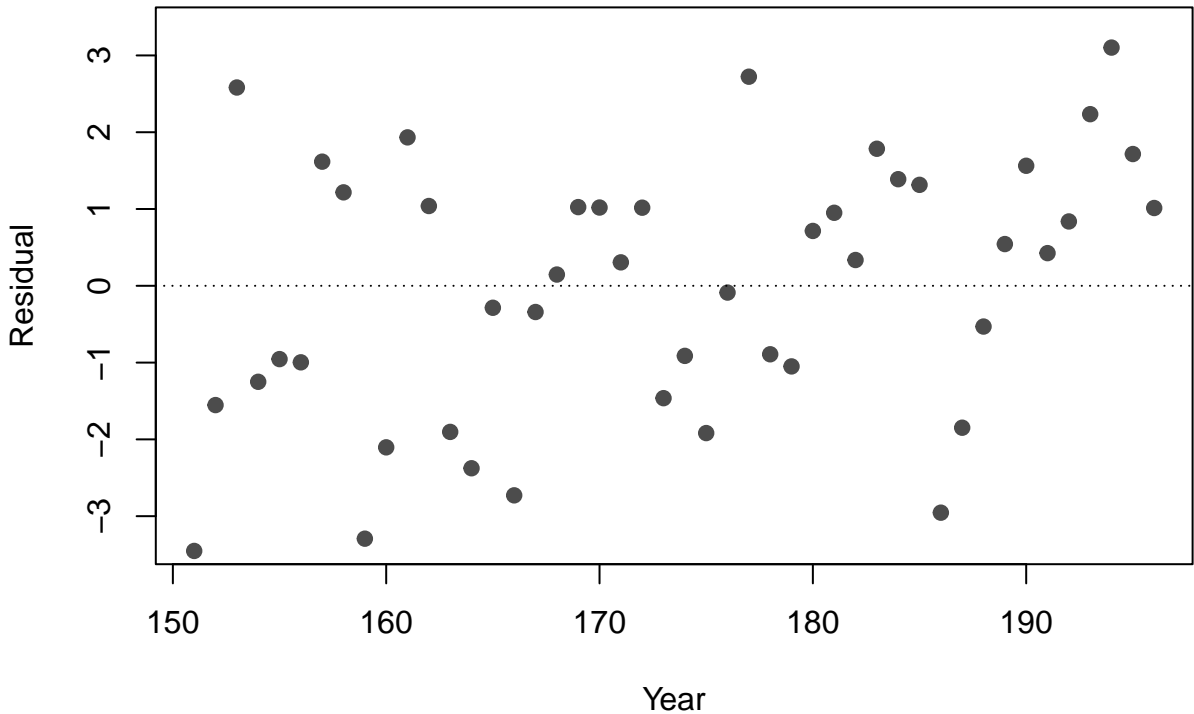


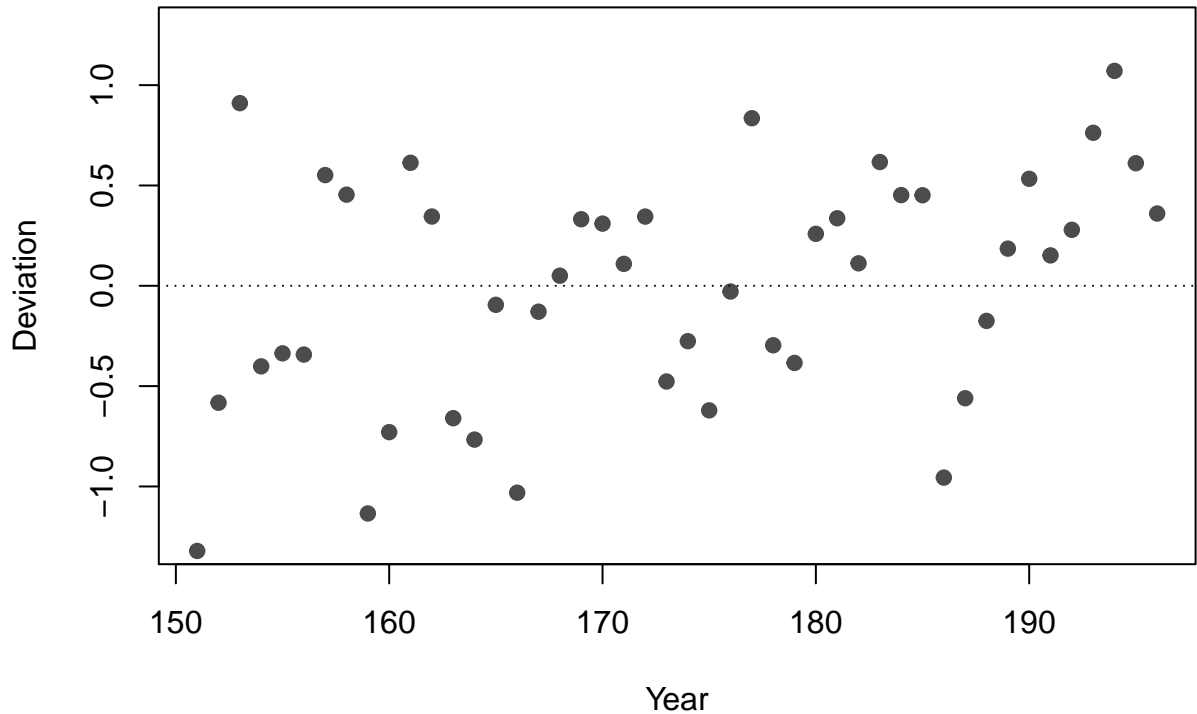
Log index



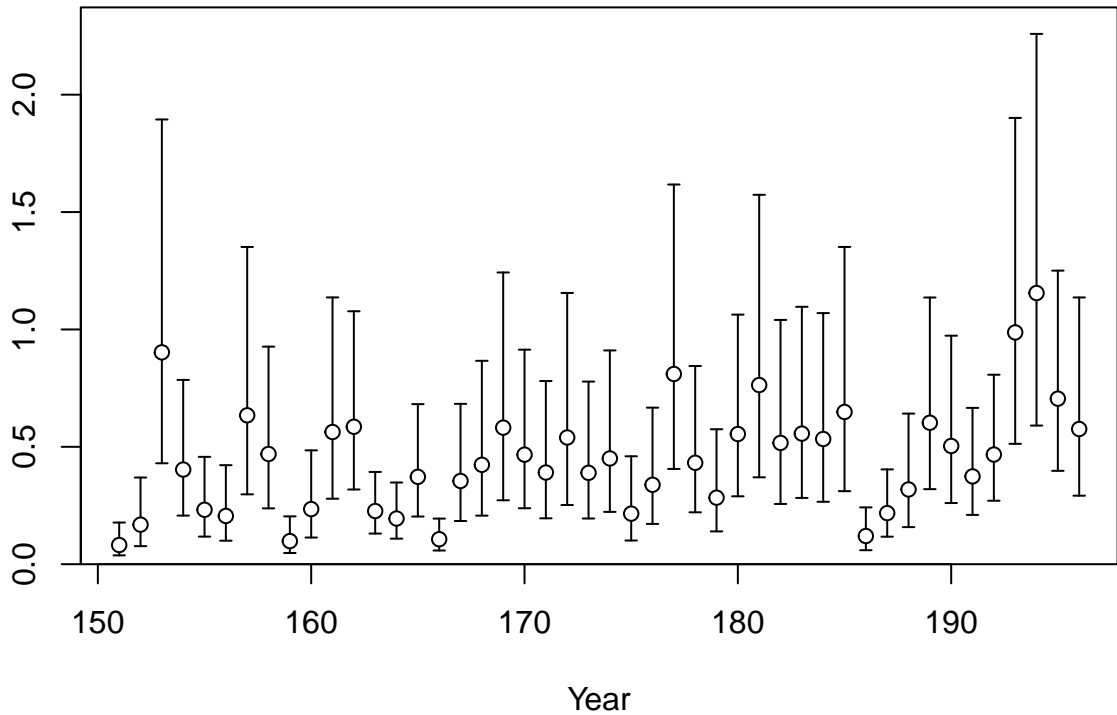


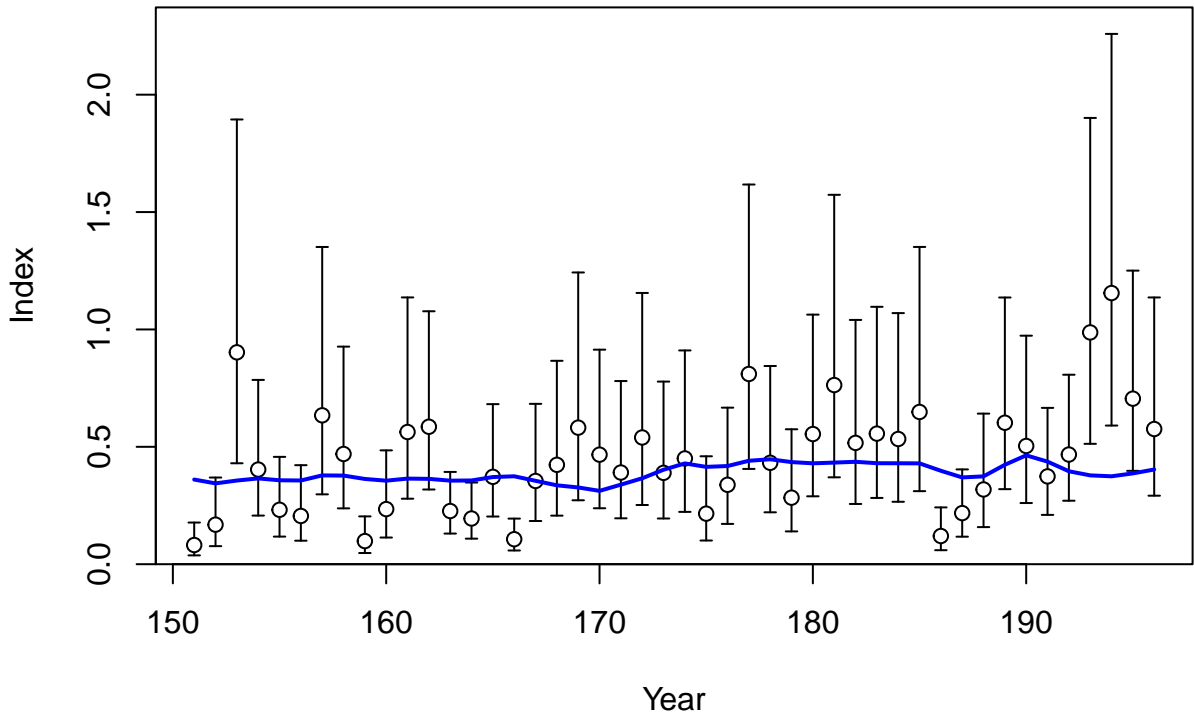


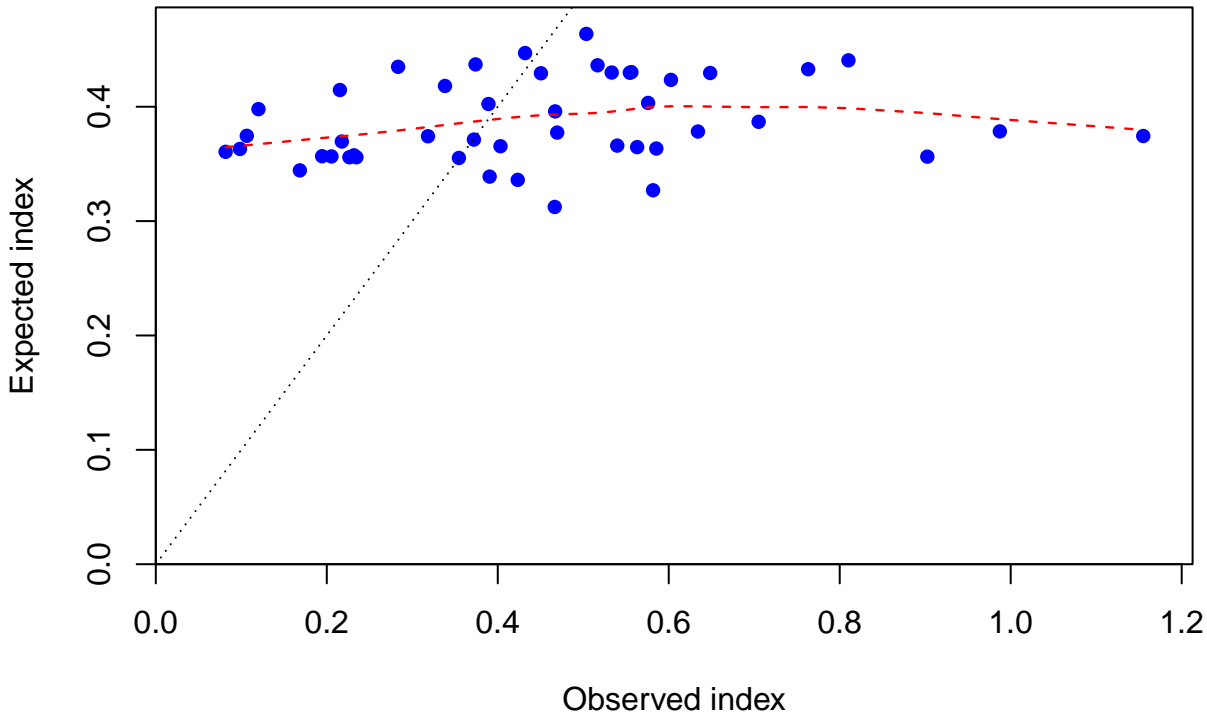




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Log index

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-2
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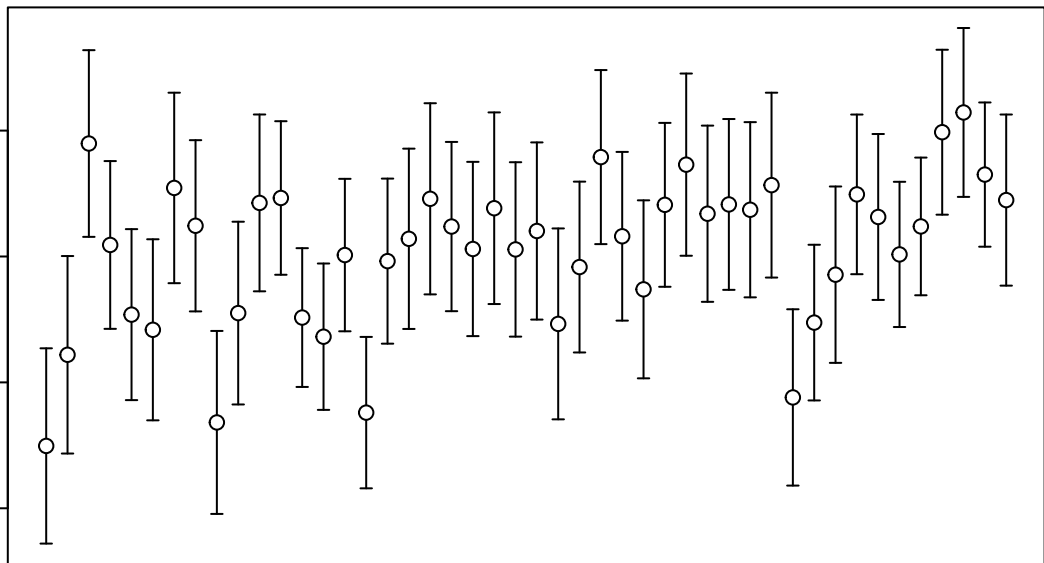
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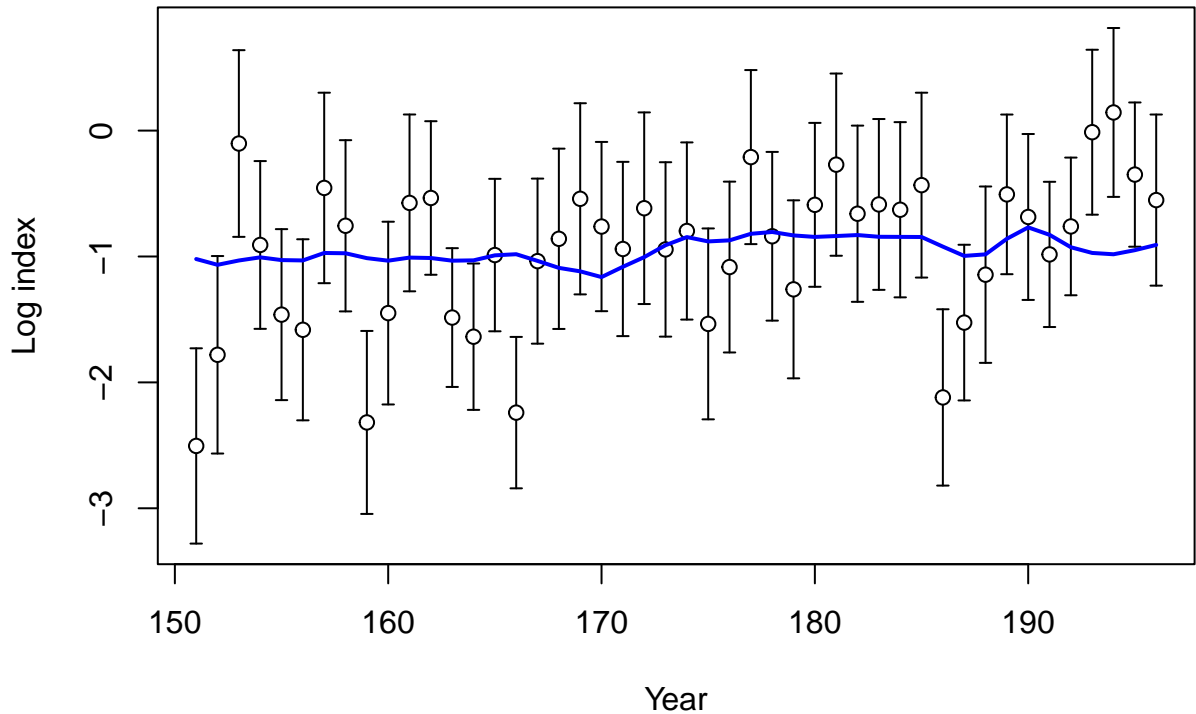
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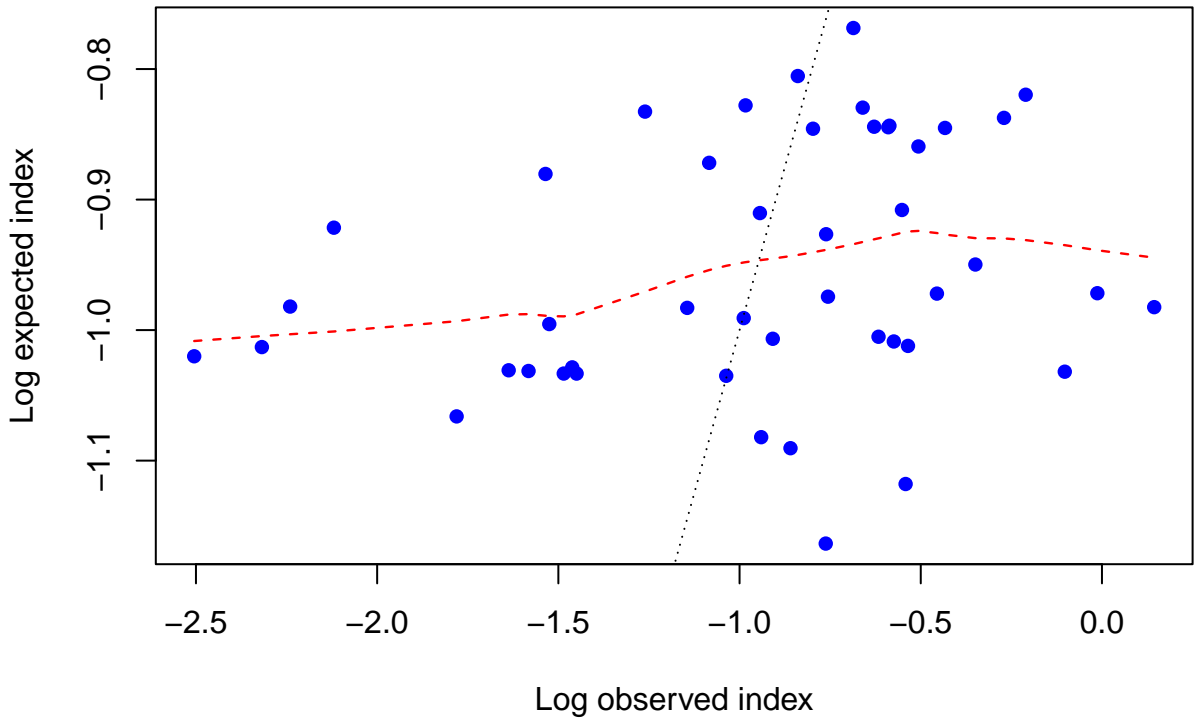
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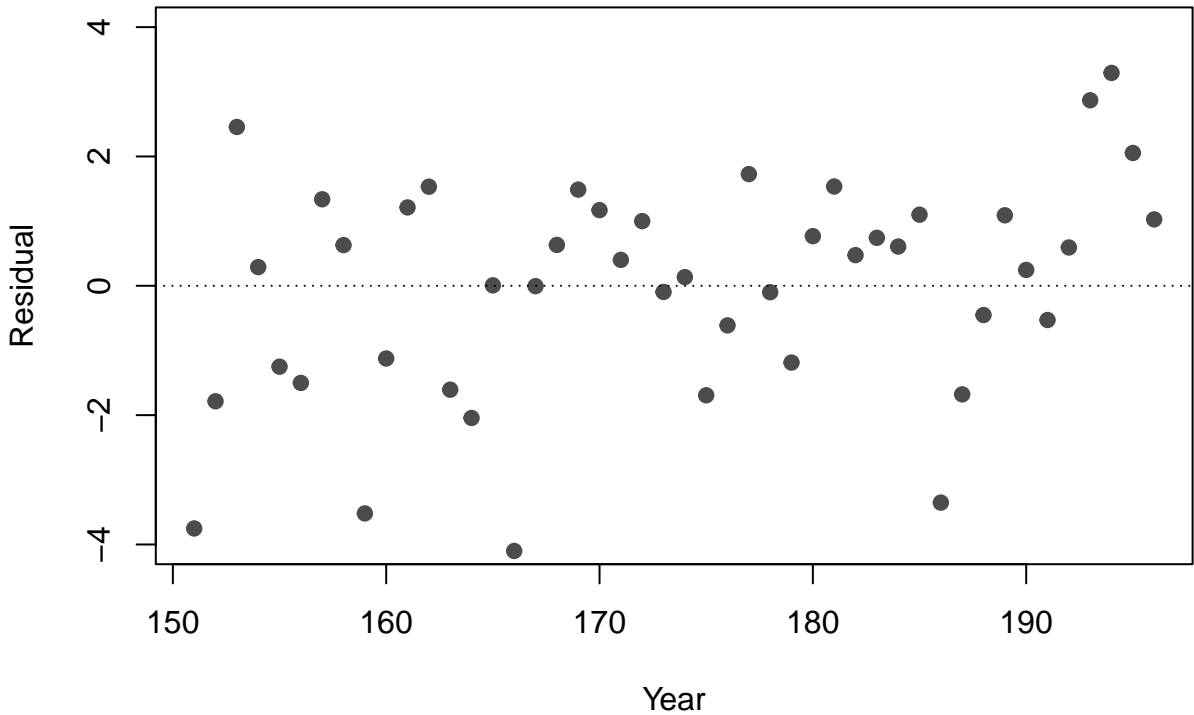
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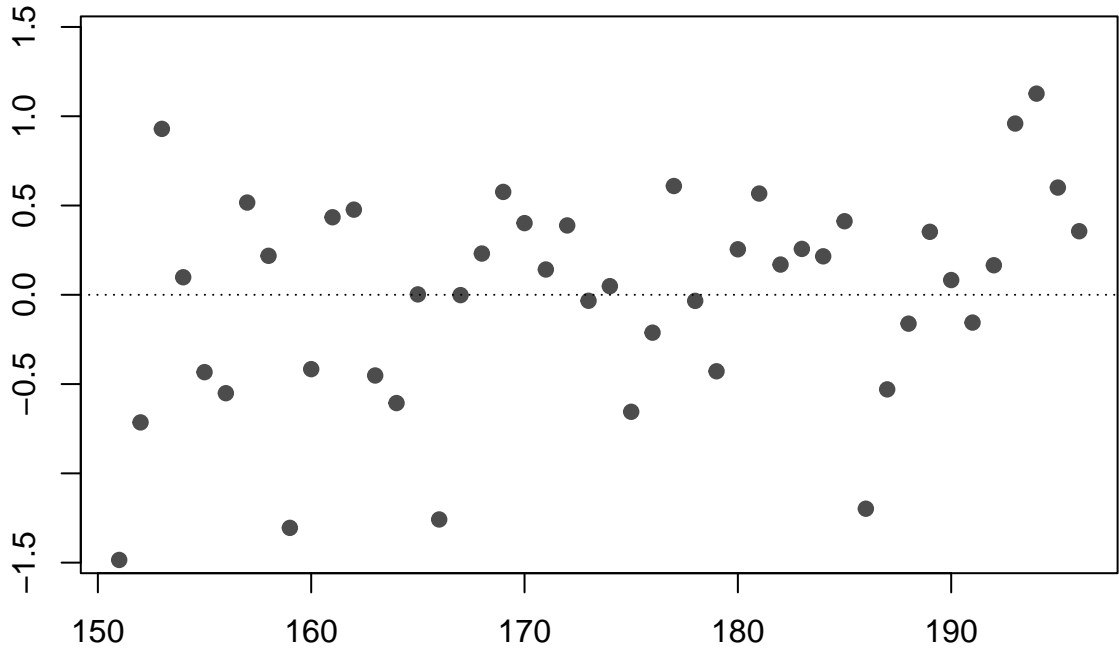






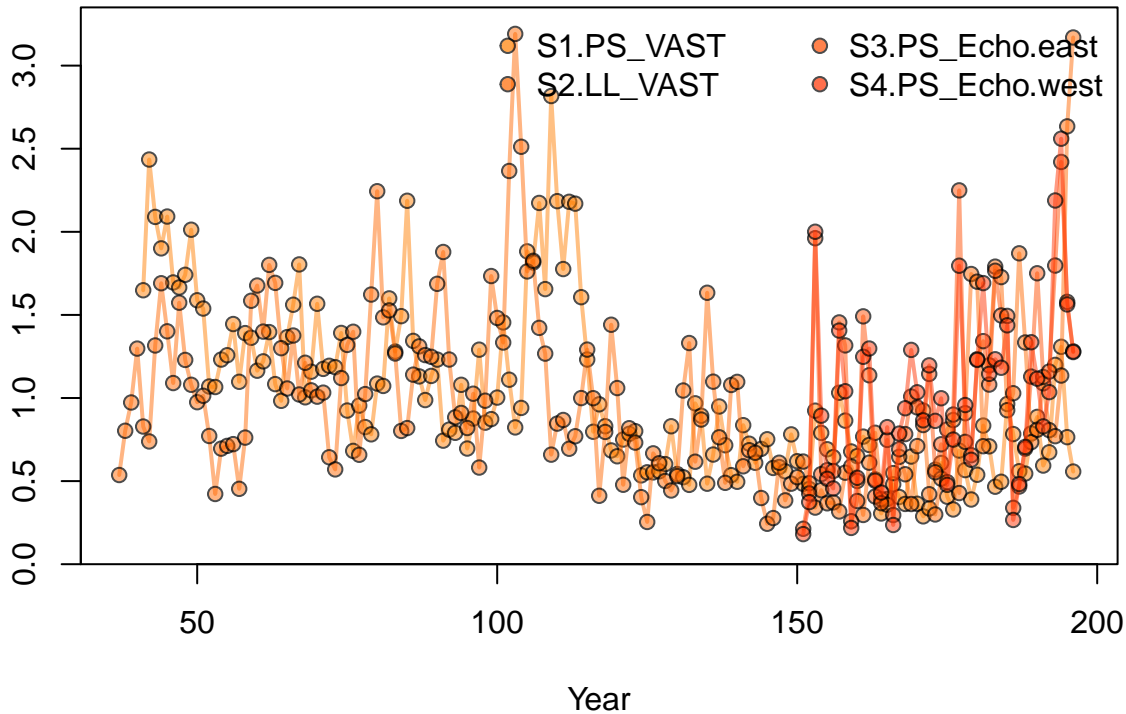


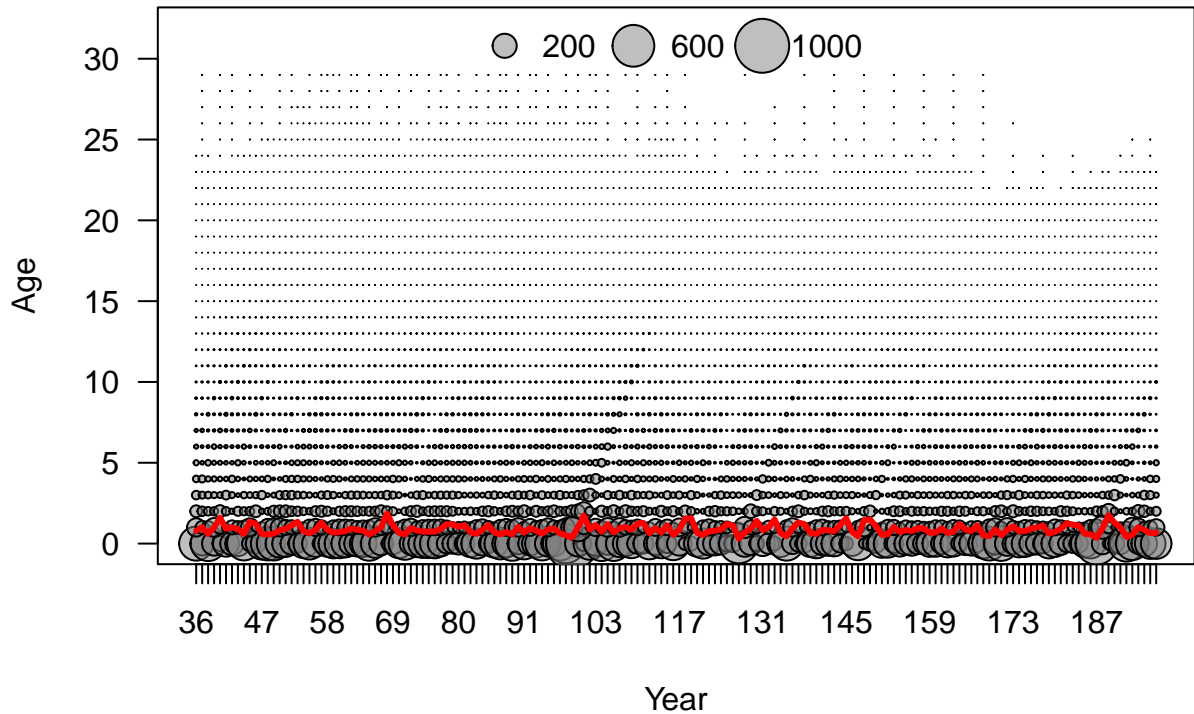
Deviation

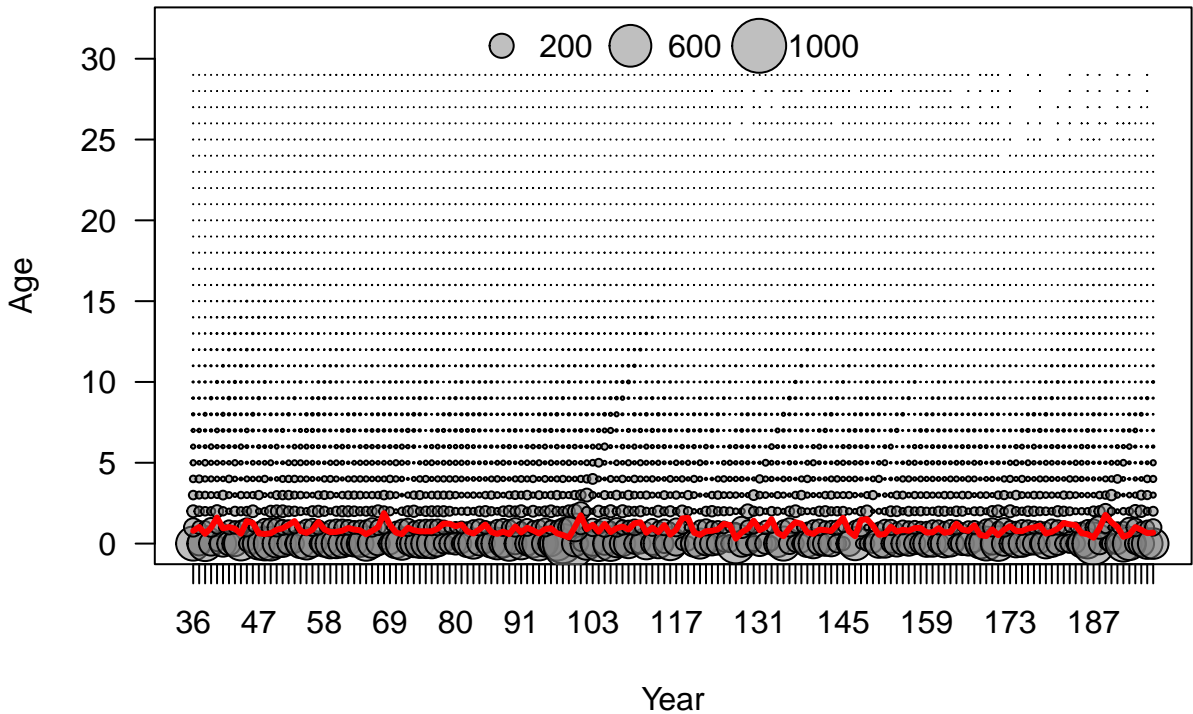


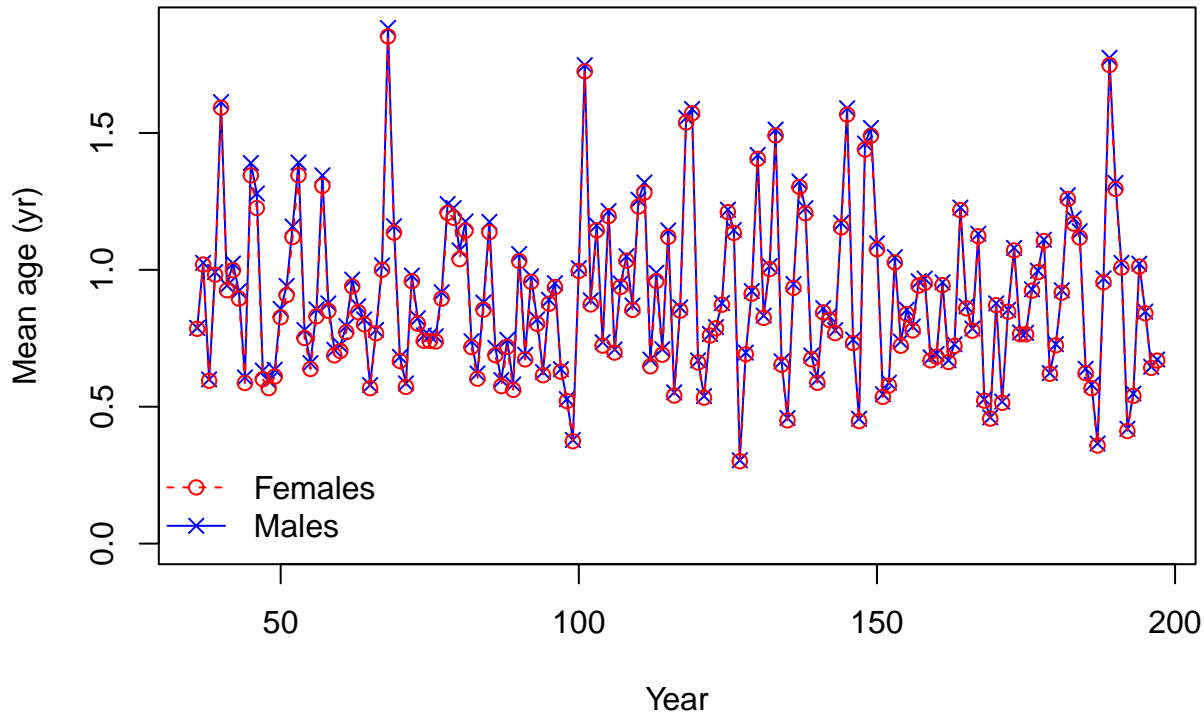
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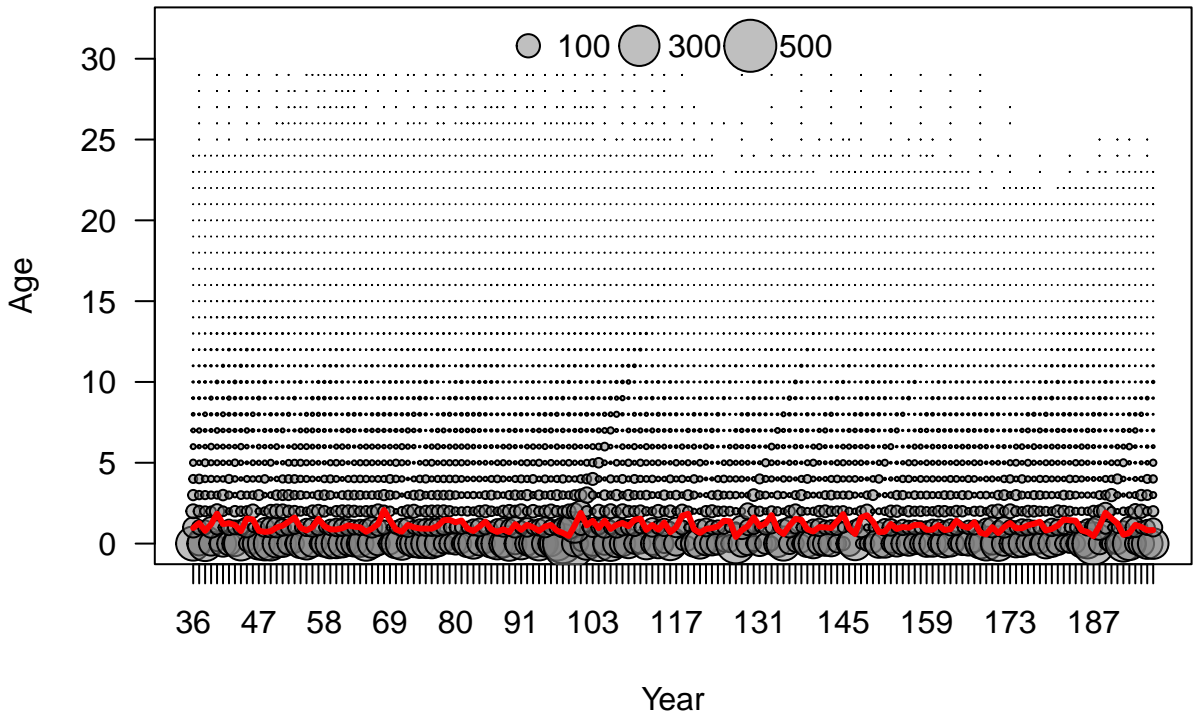
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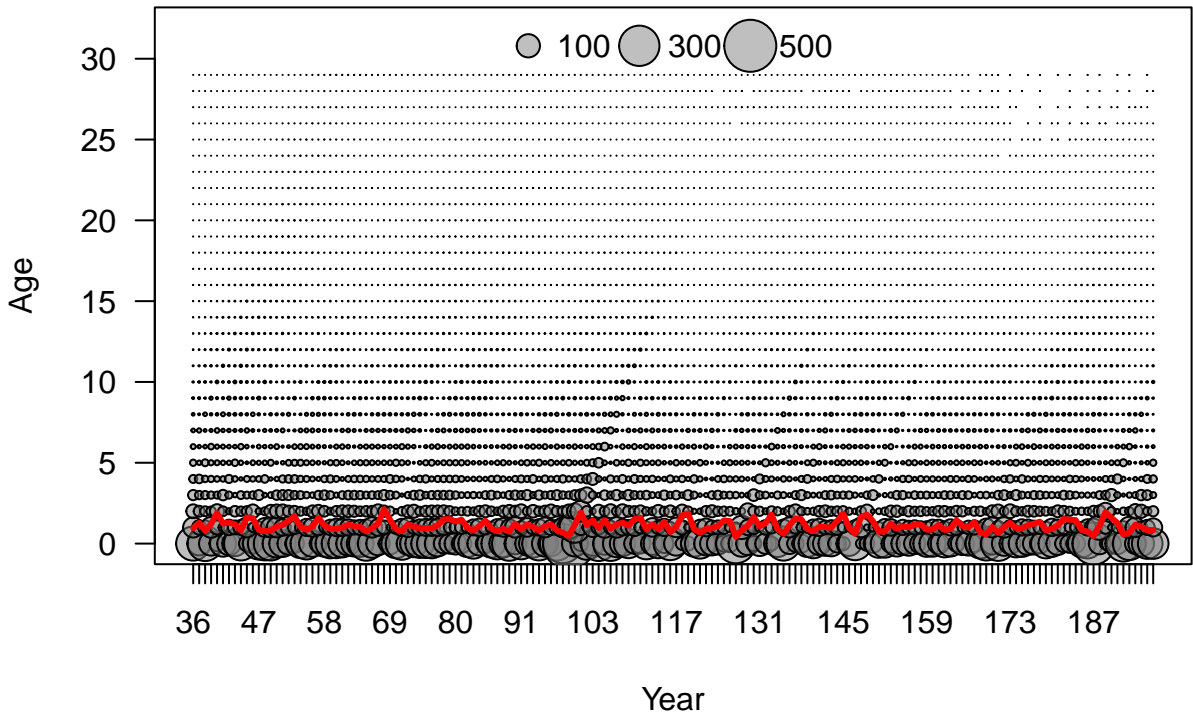


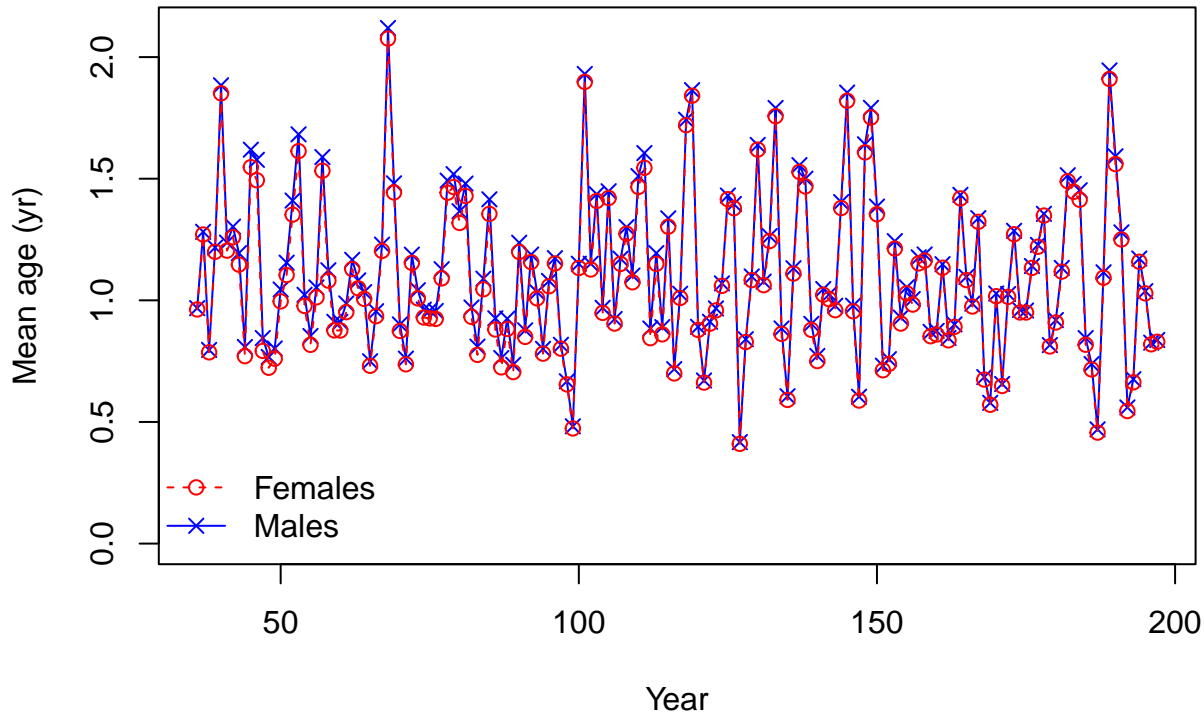


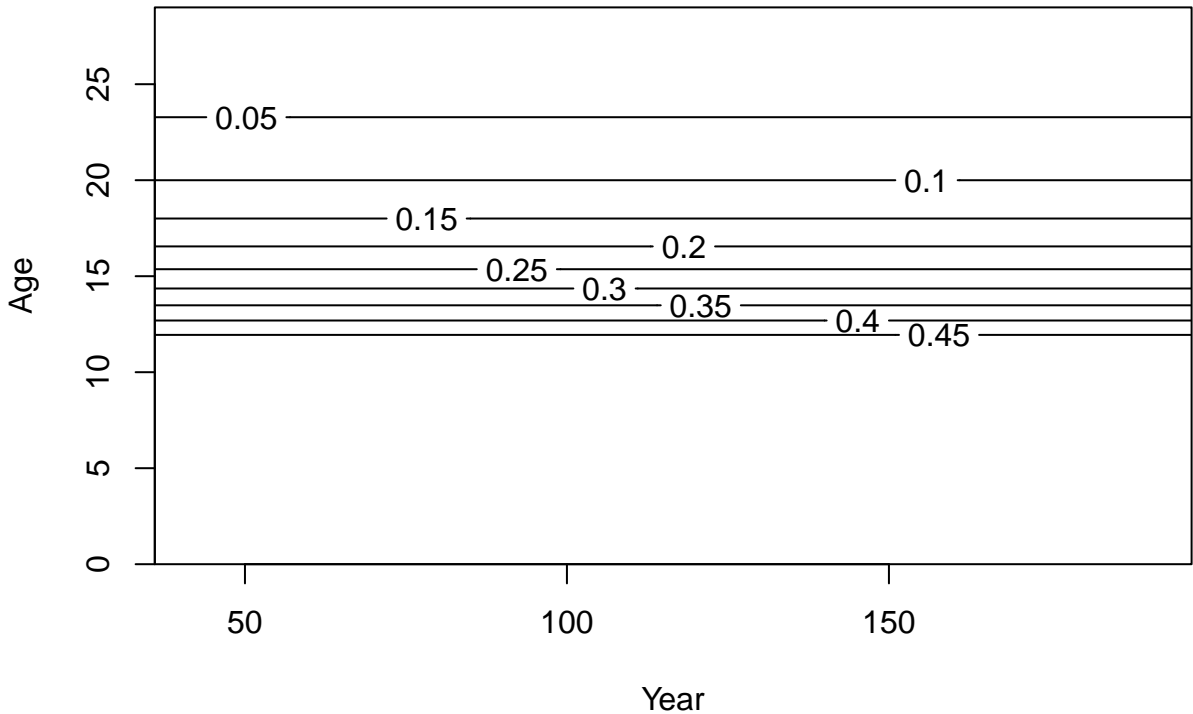


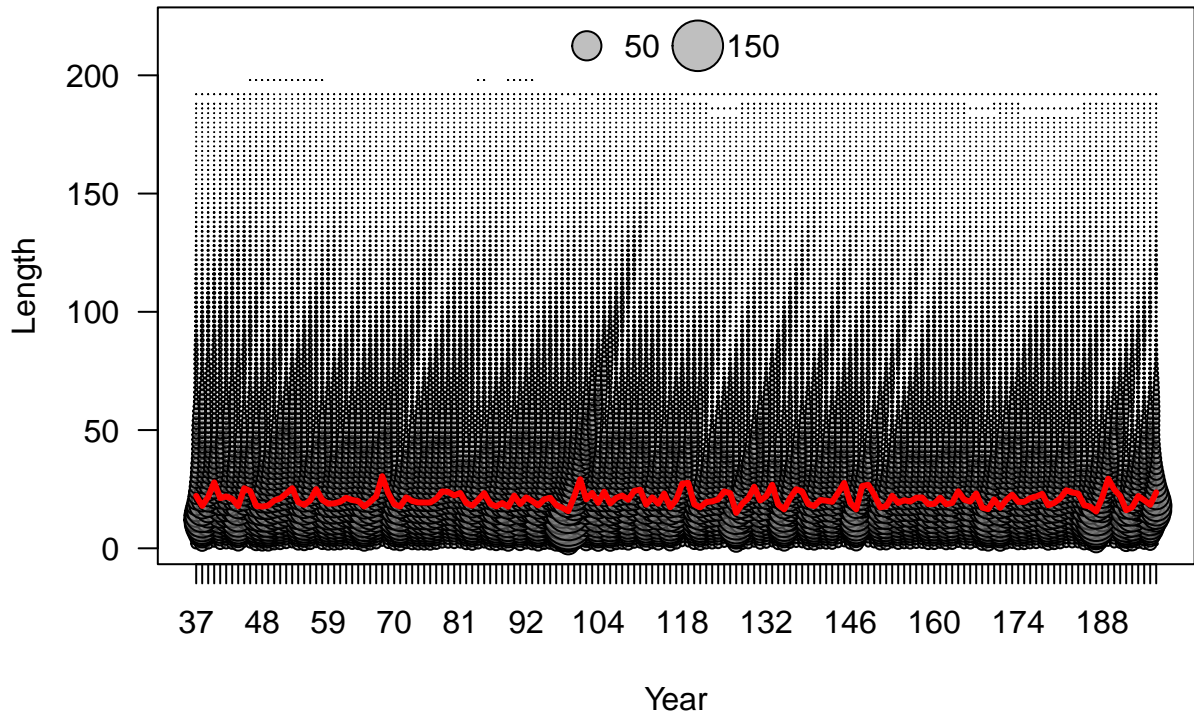


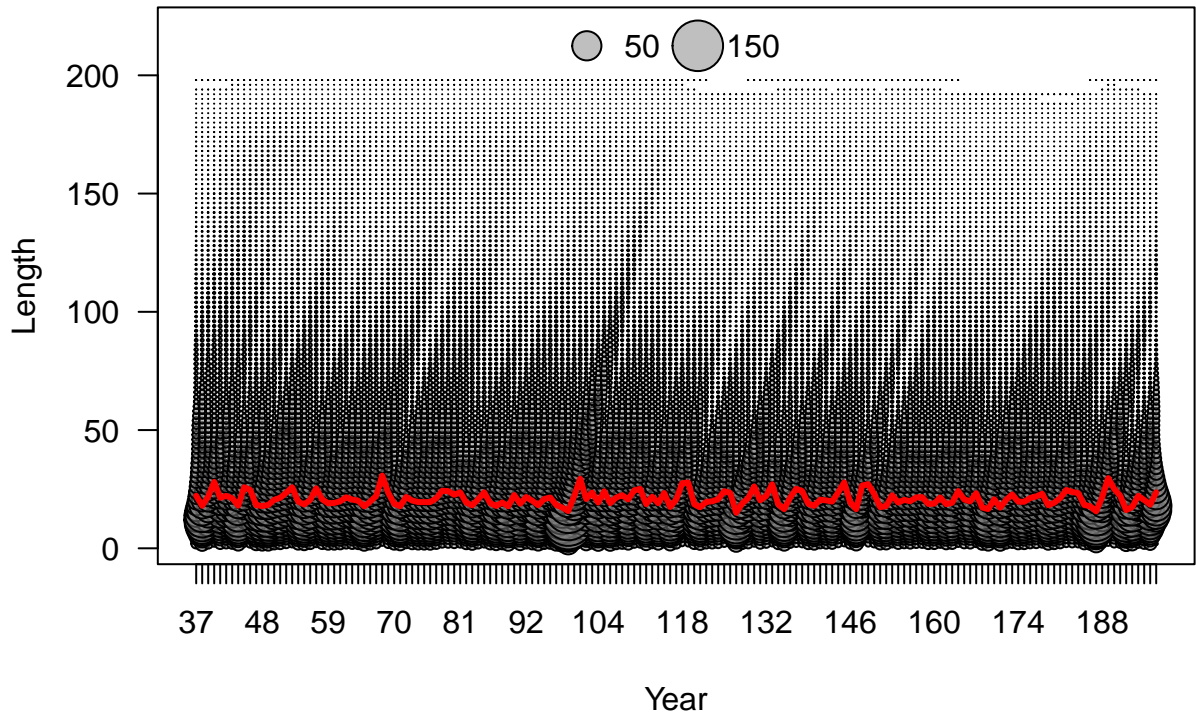


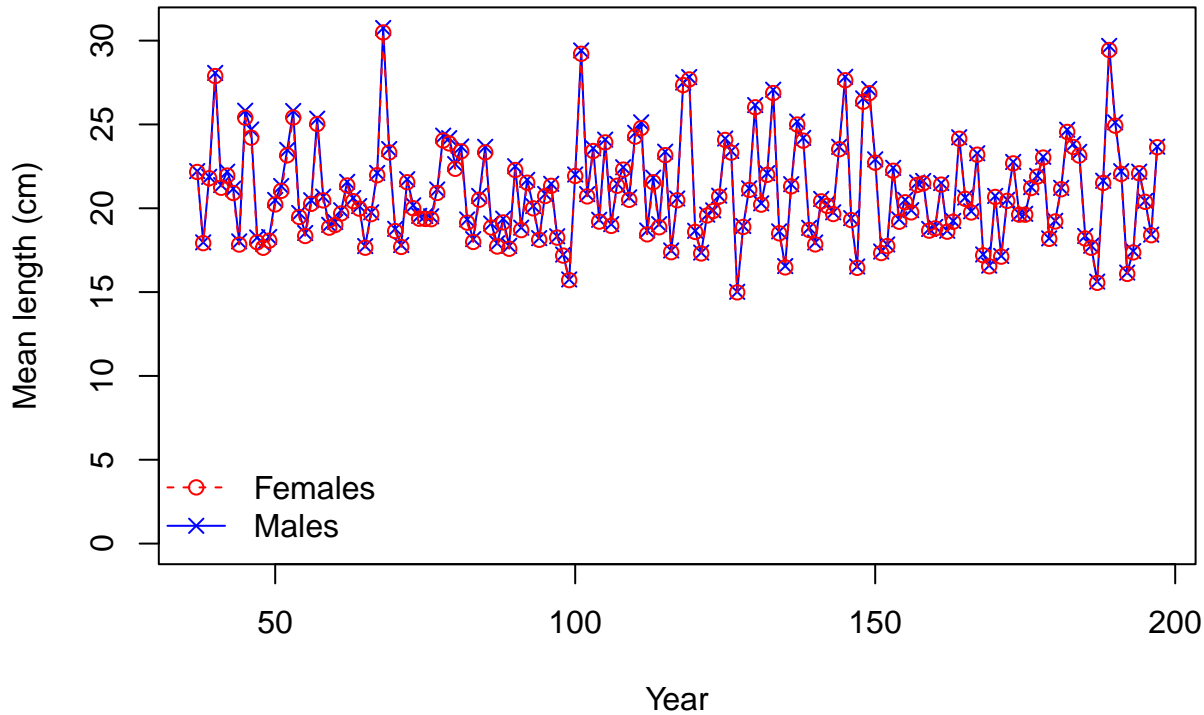


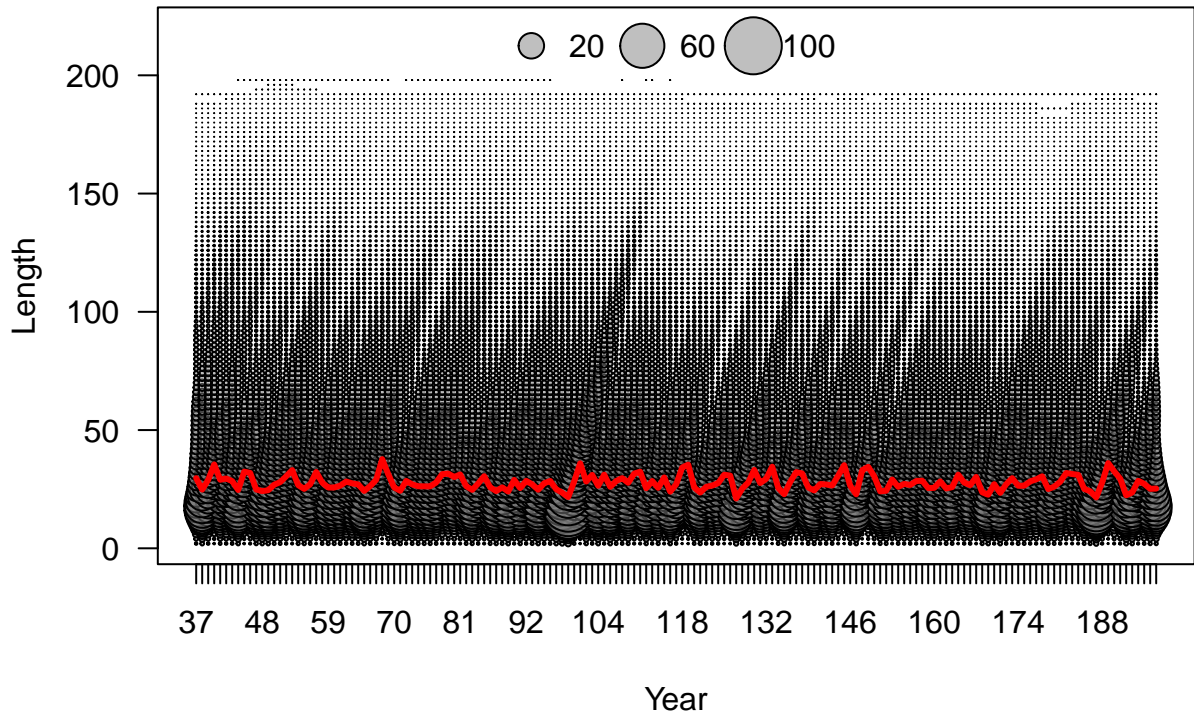


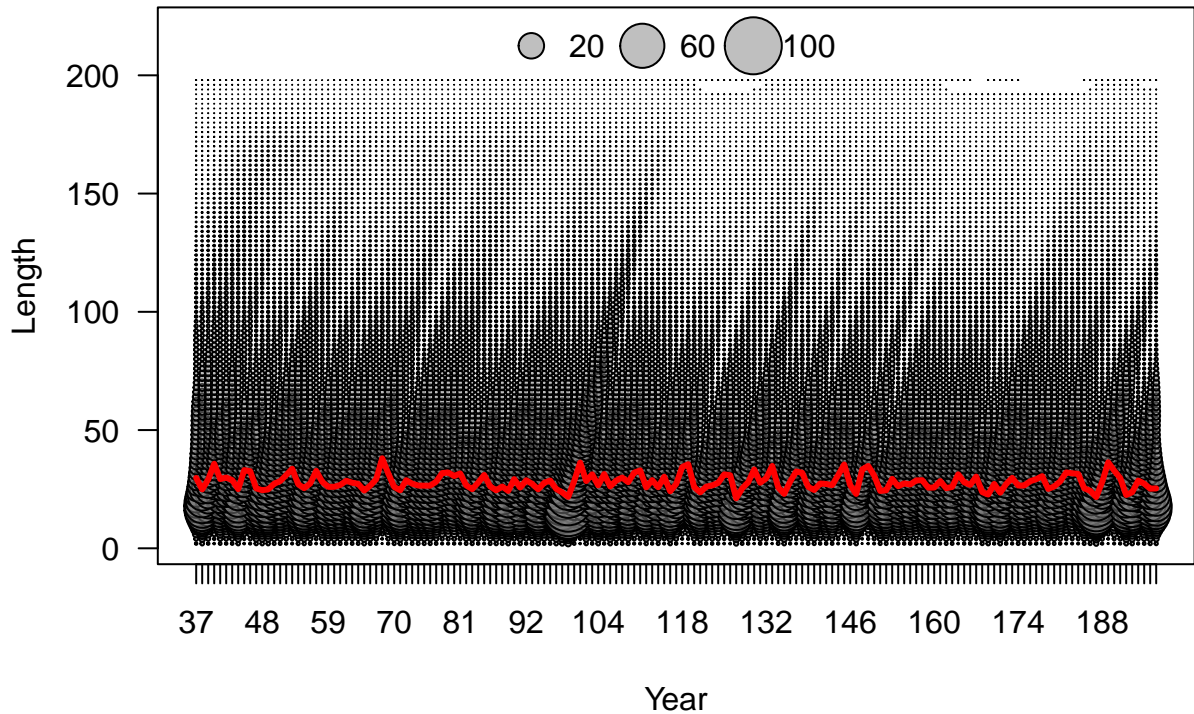


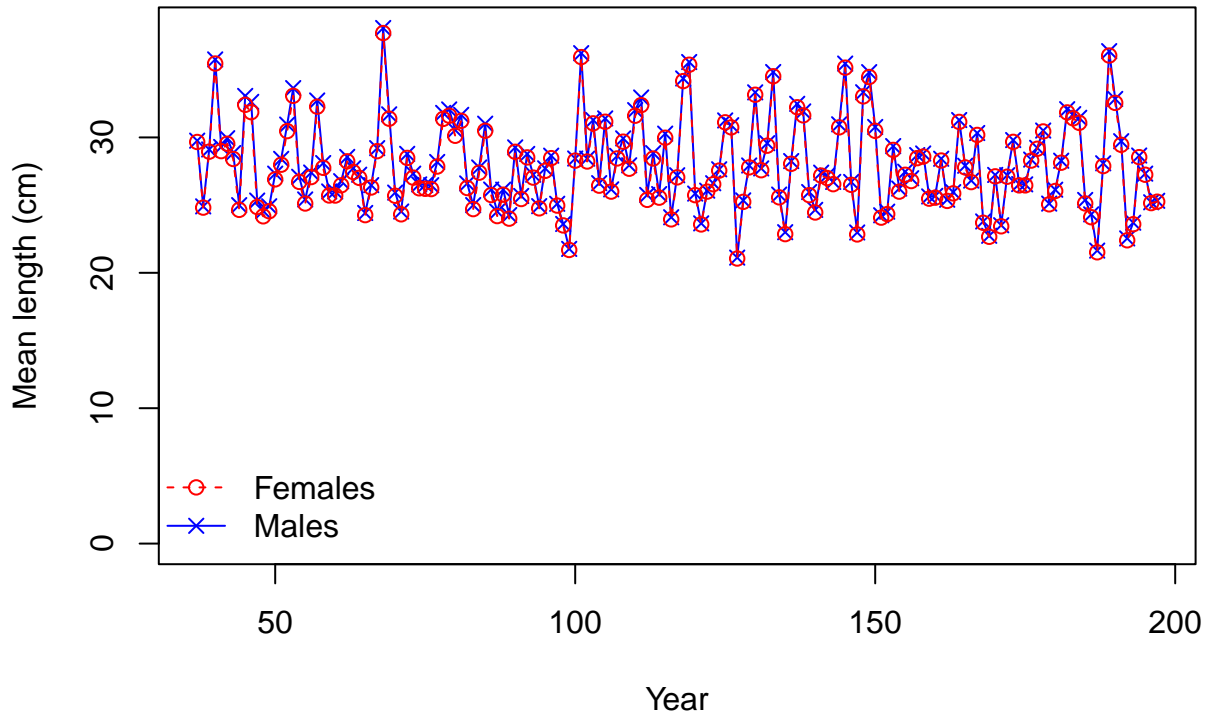


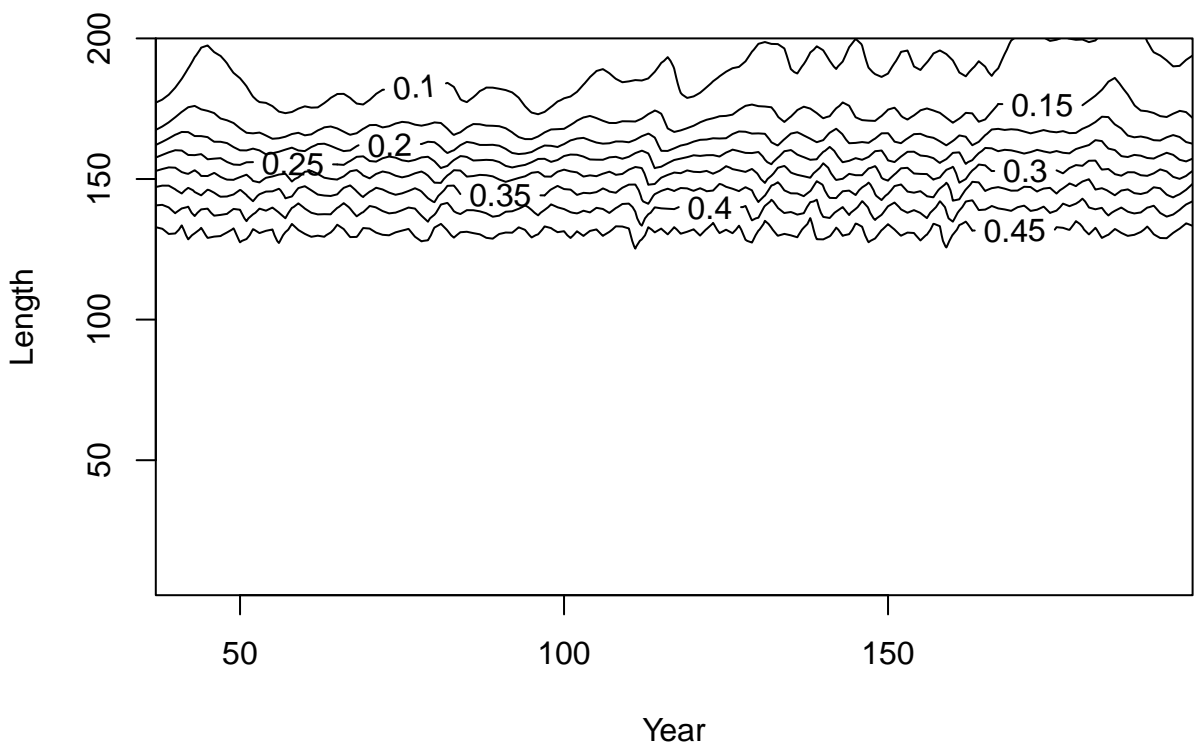


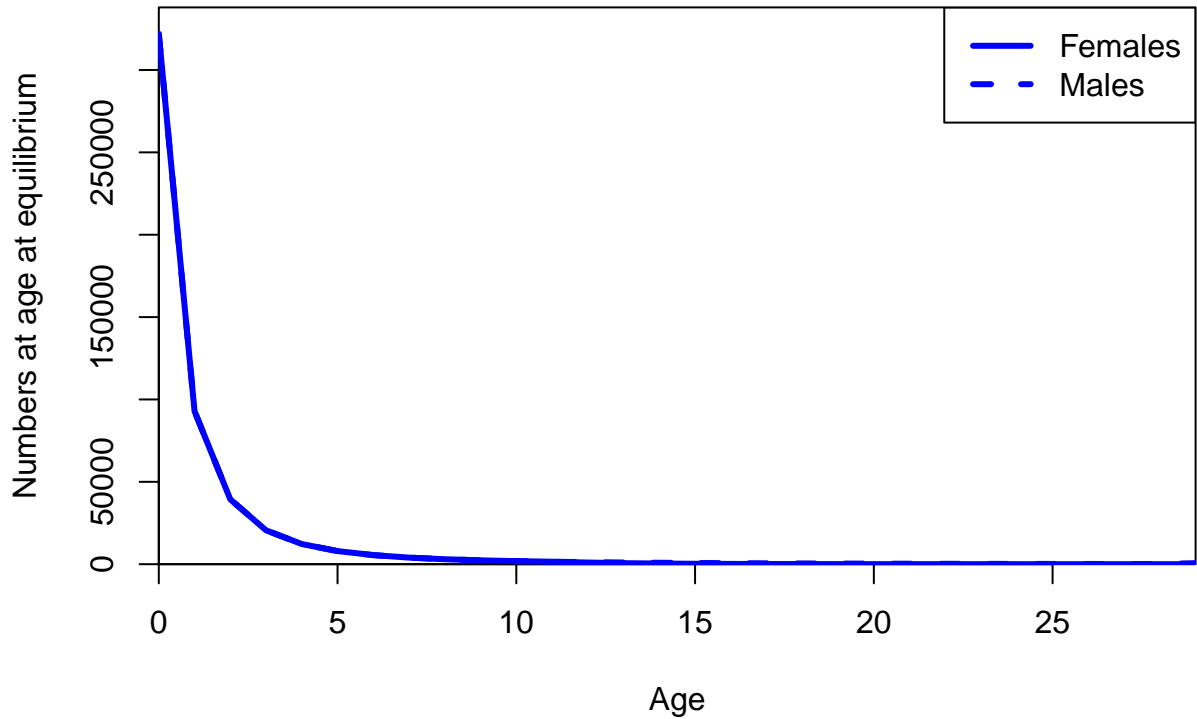


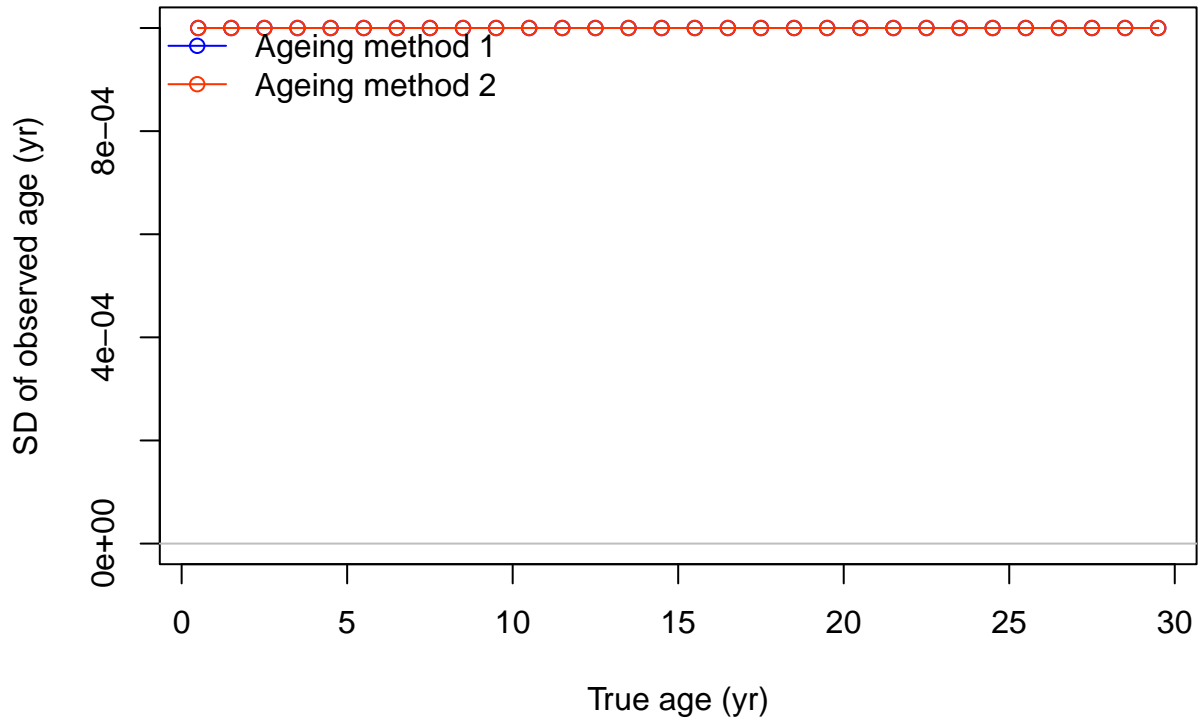


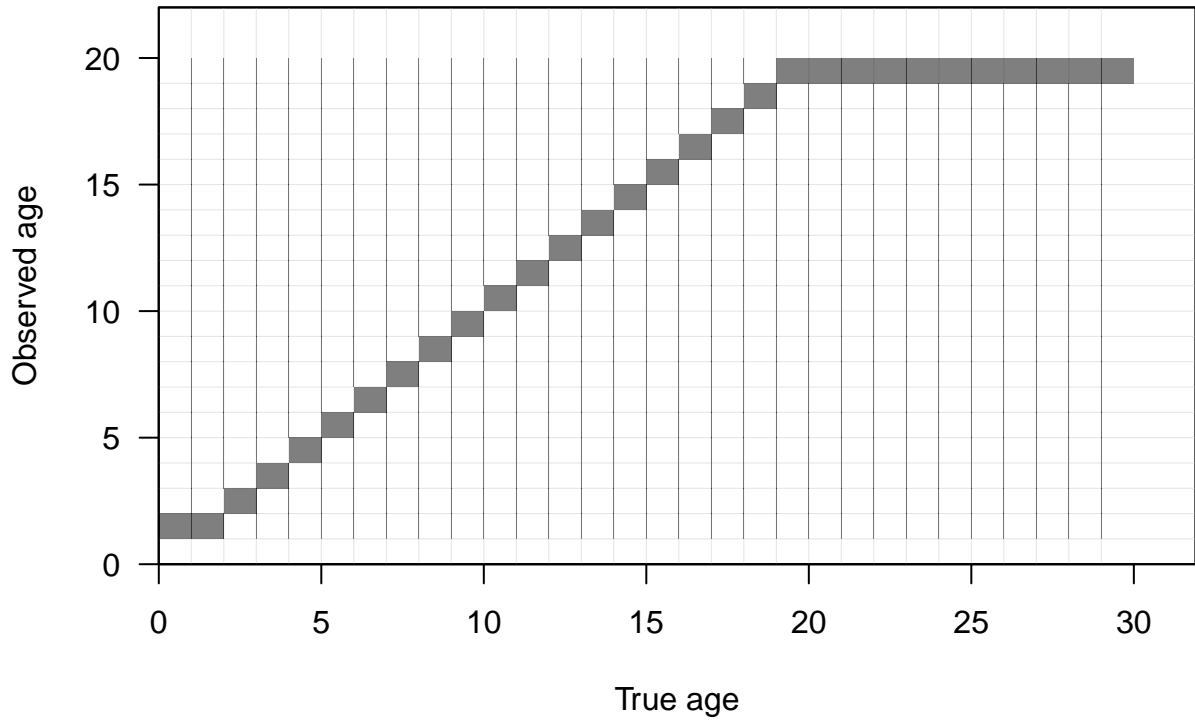


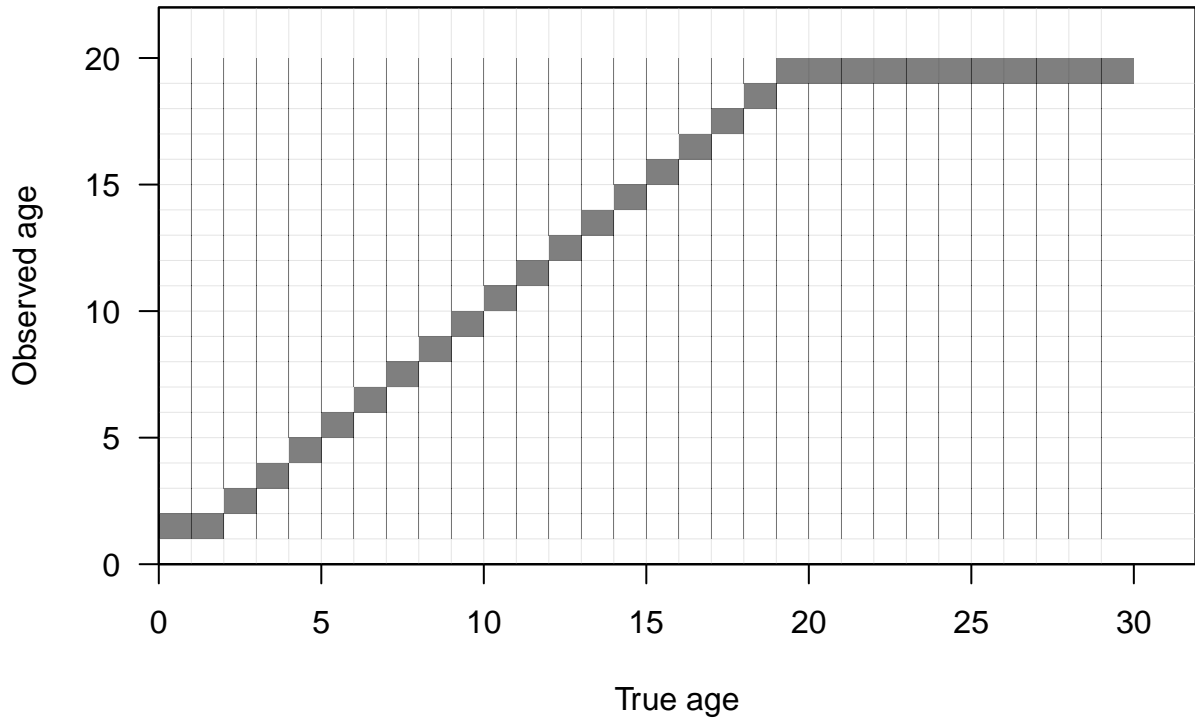




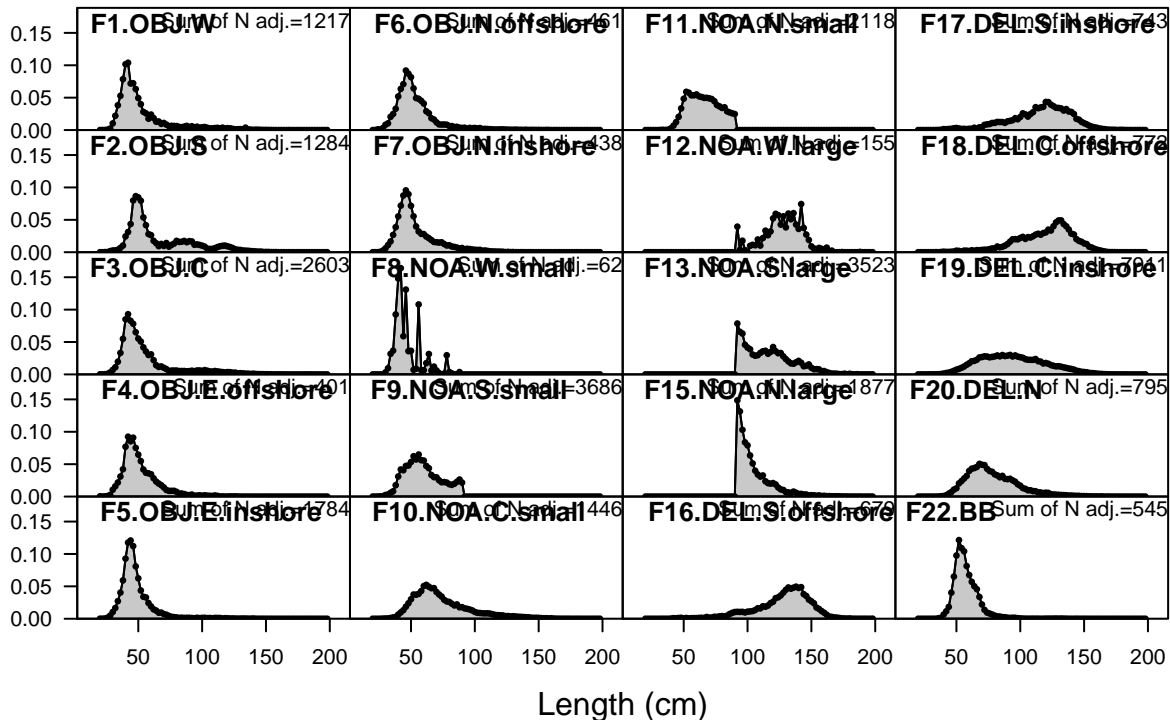


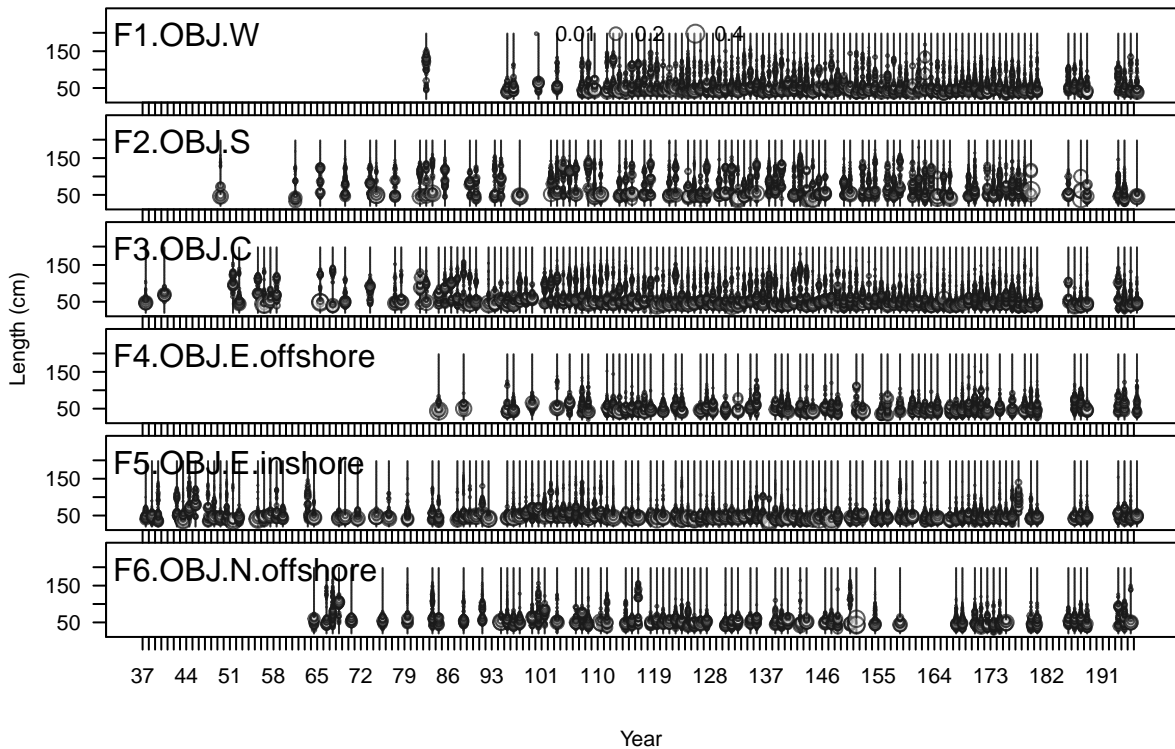


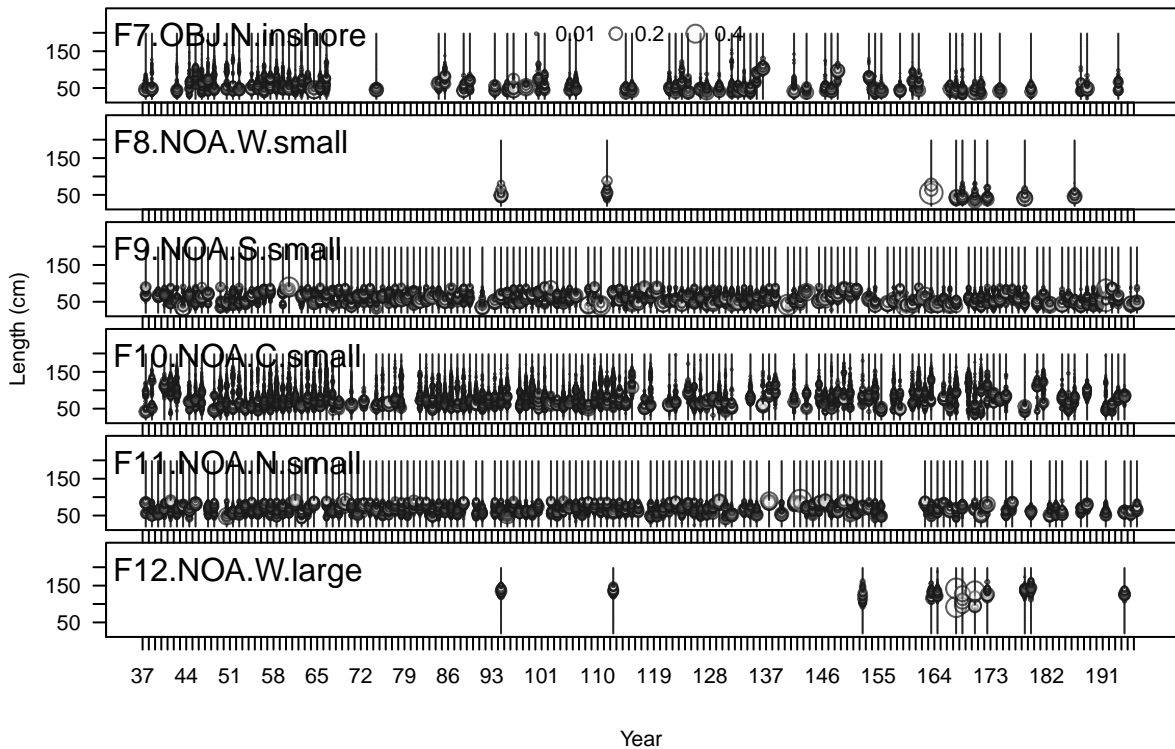


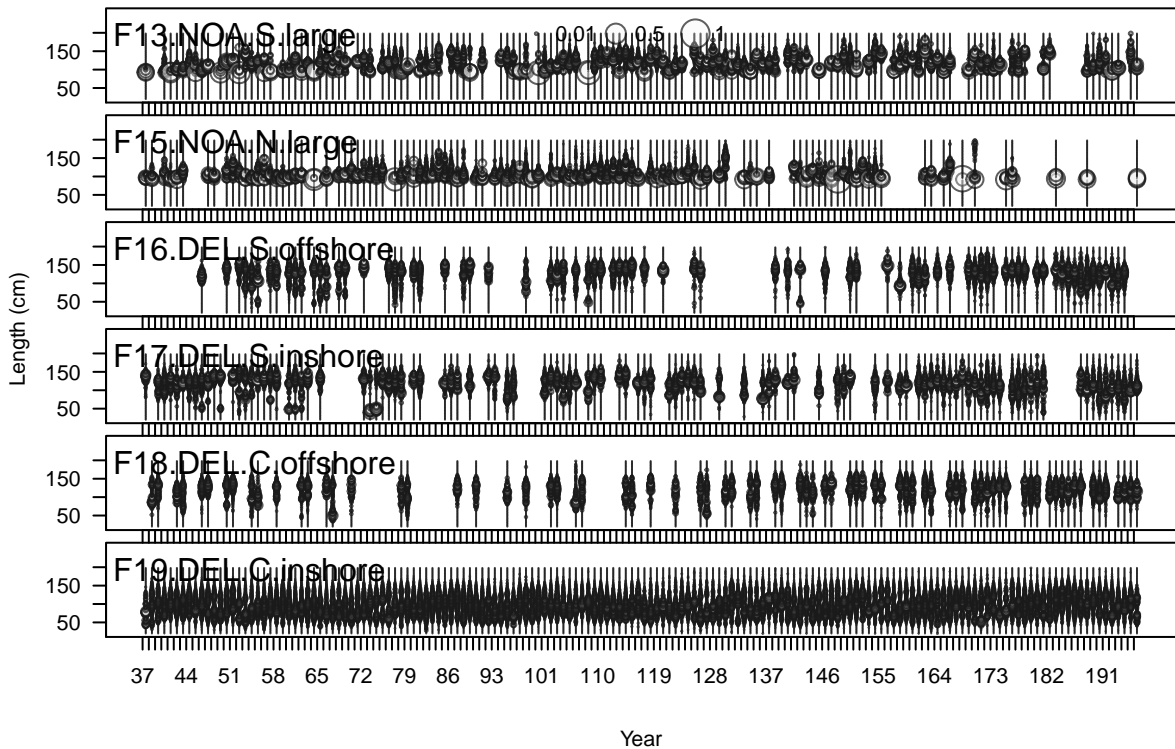


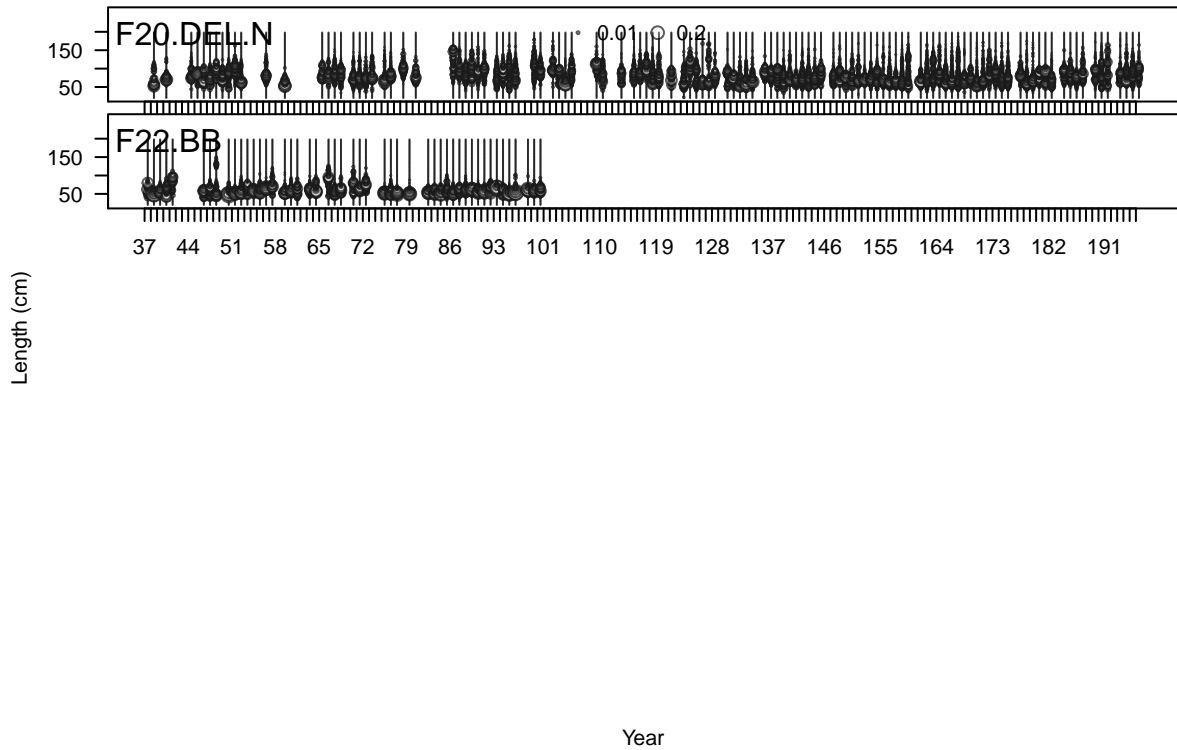
Proportion



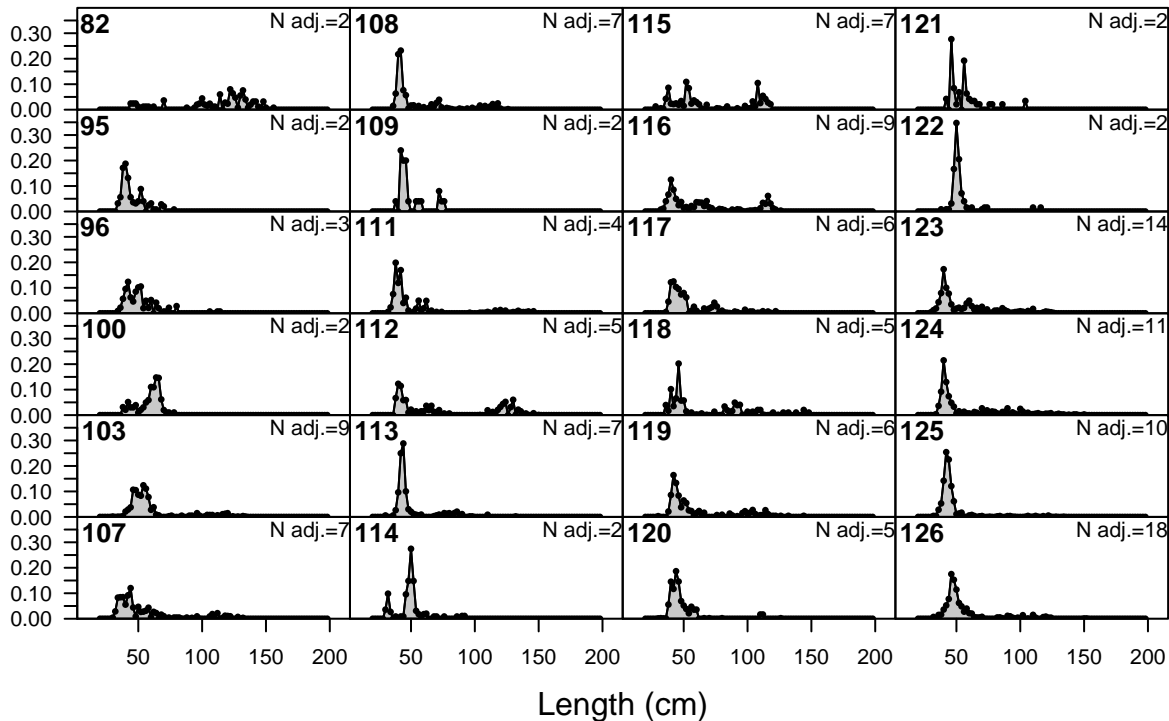




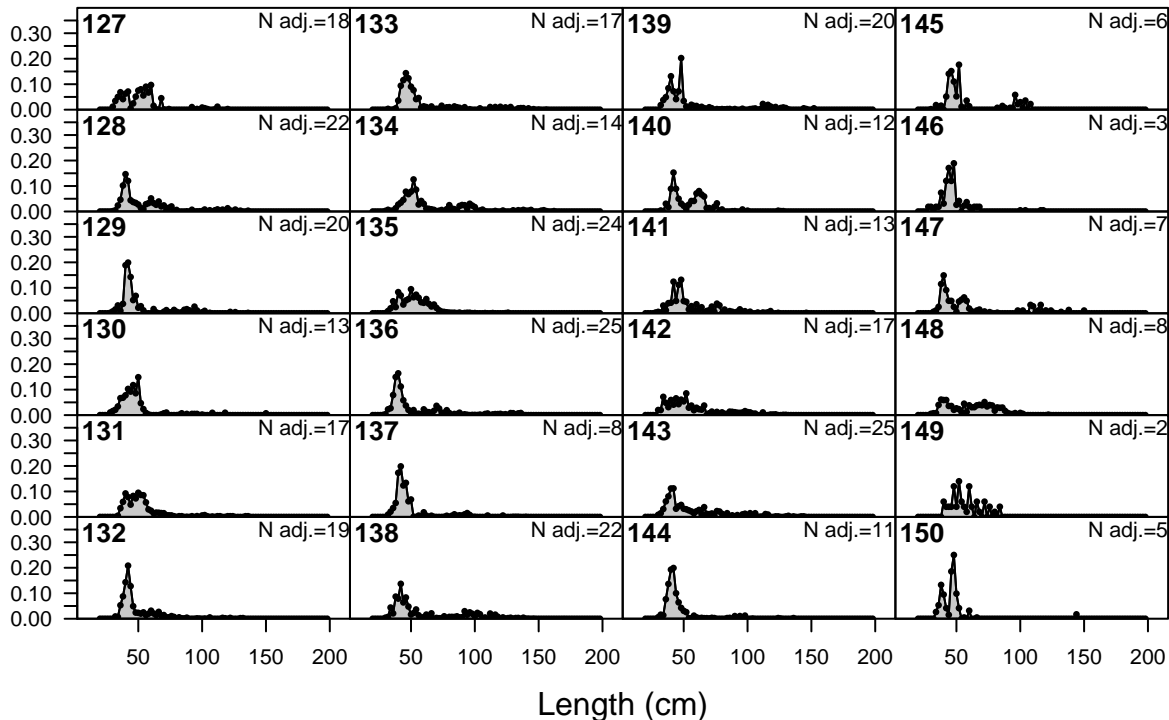




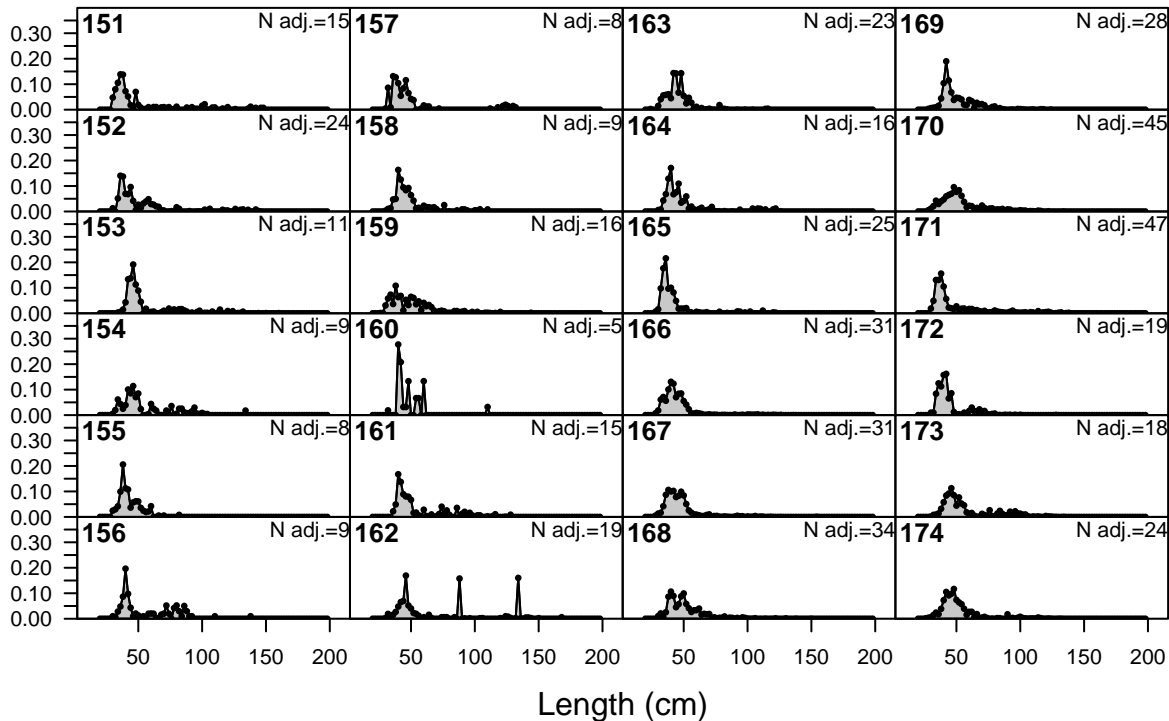
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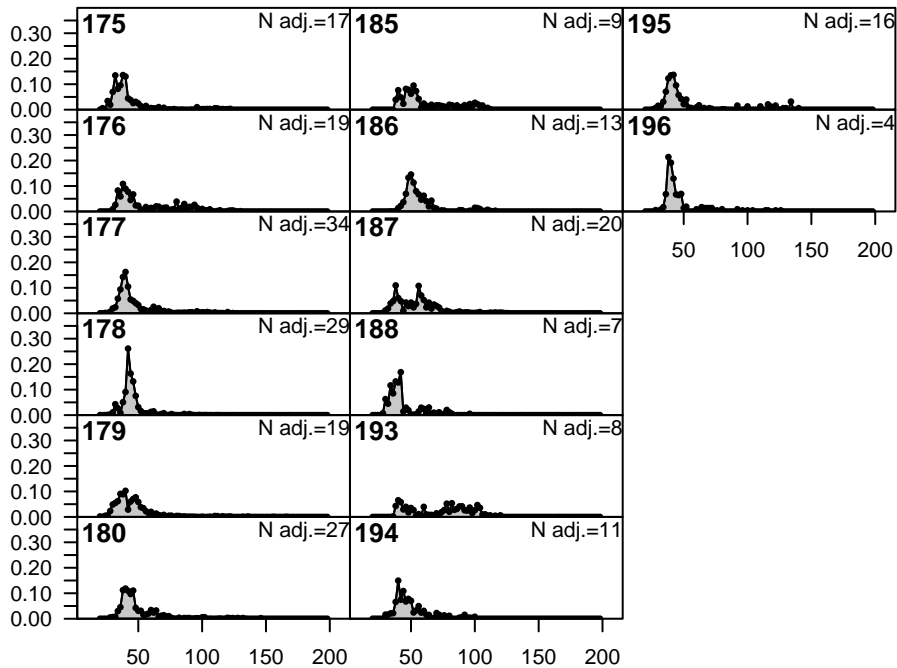
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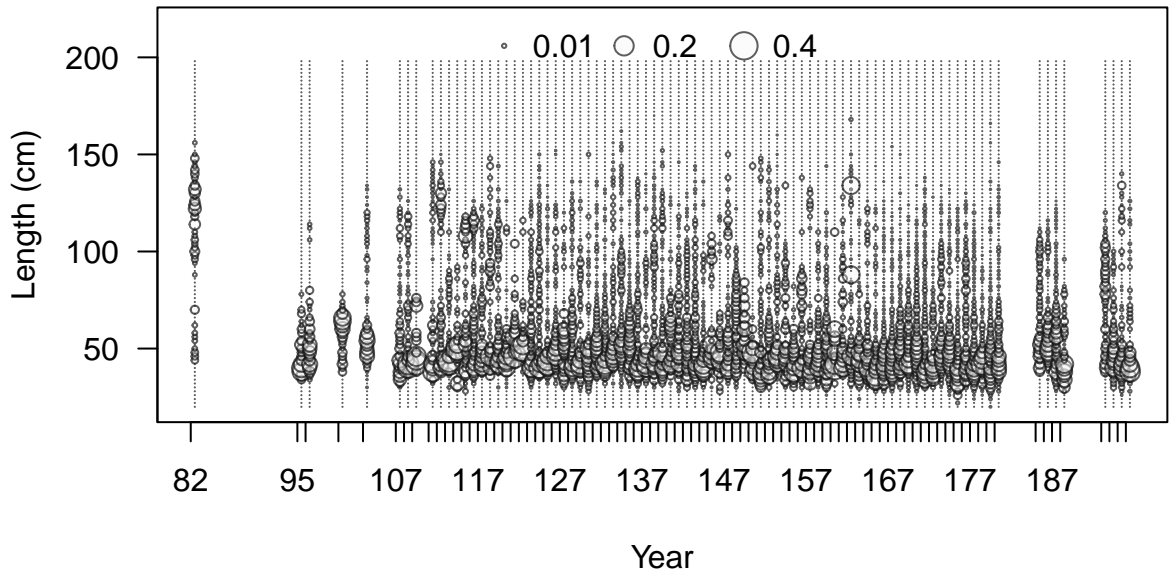
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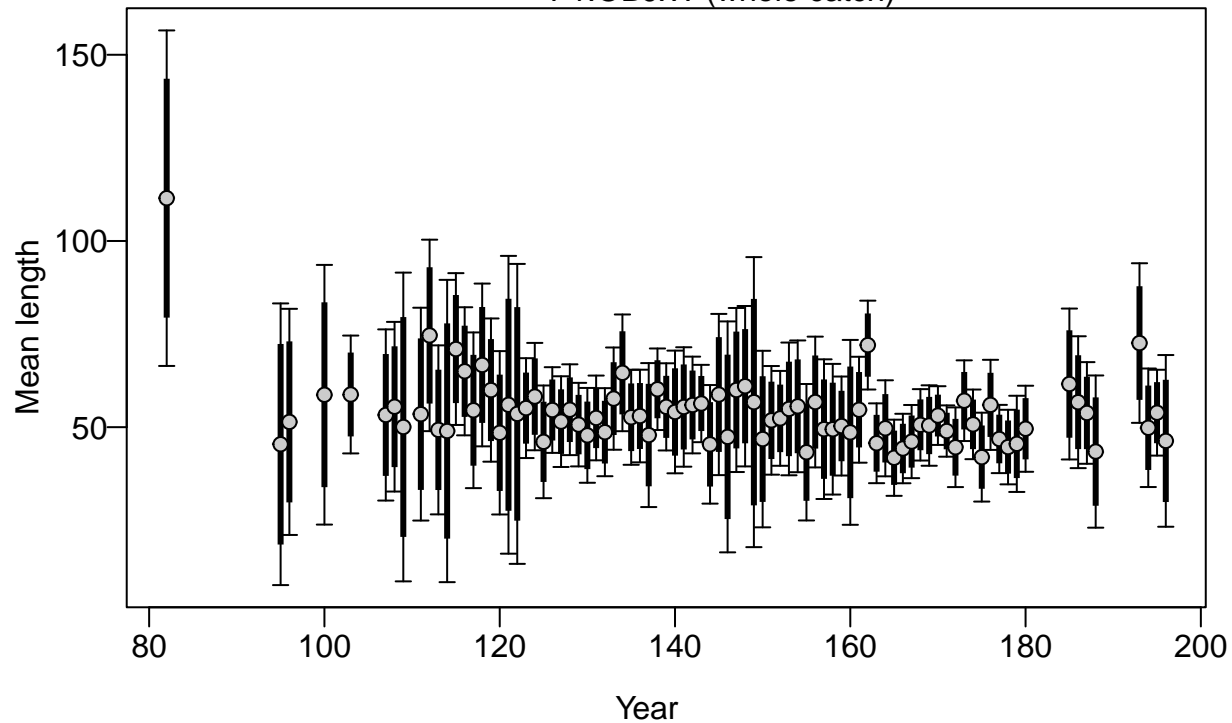
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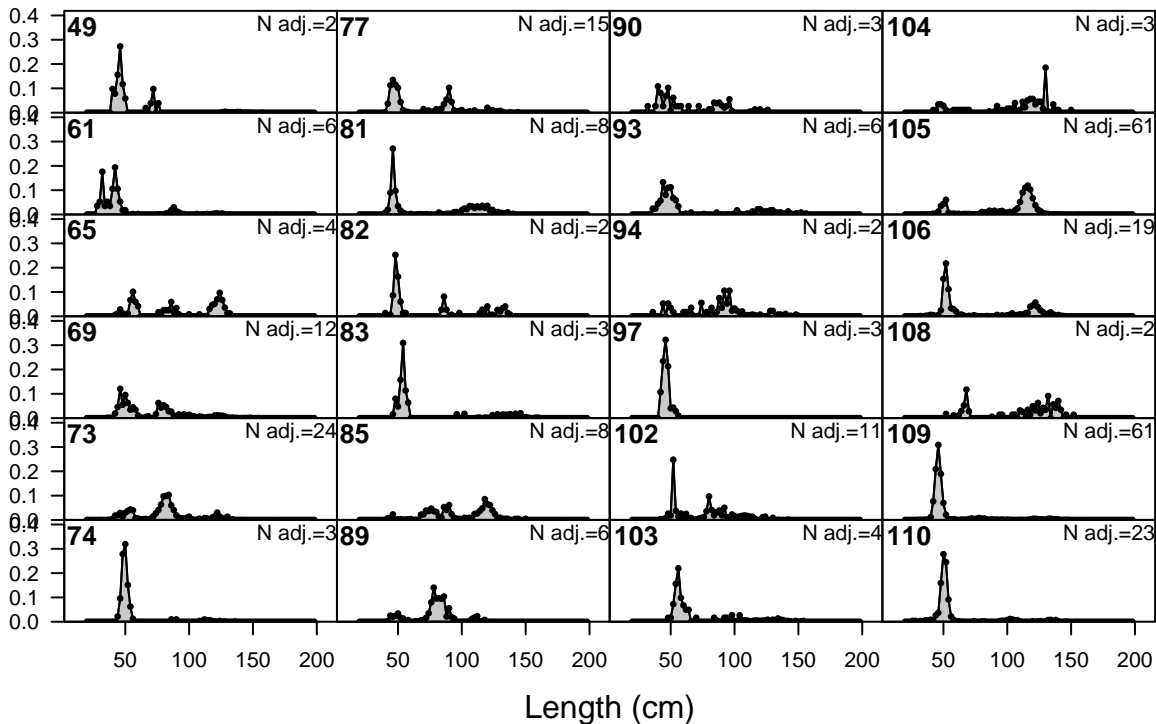
Length (cm)



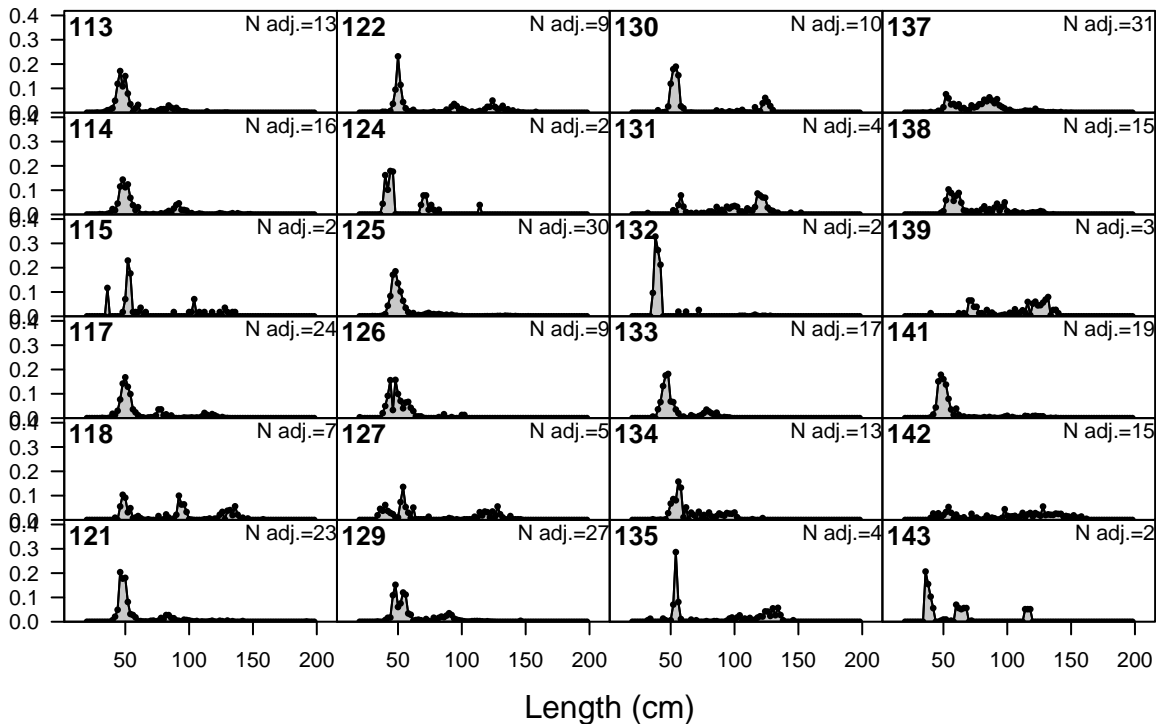
F1.OBJ.W (whole catch)



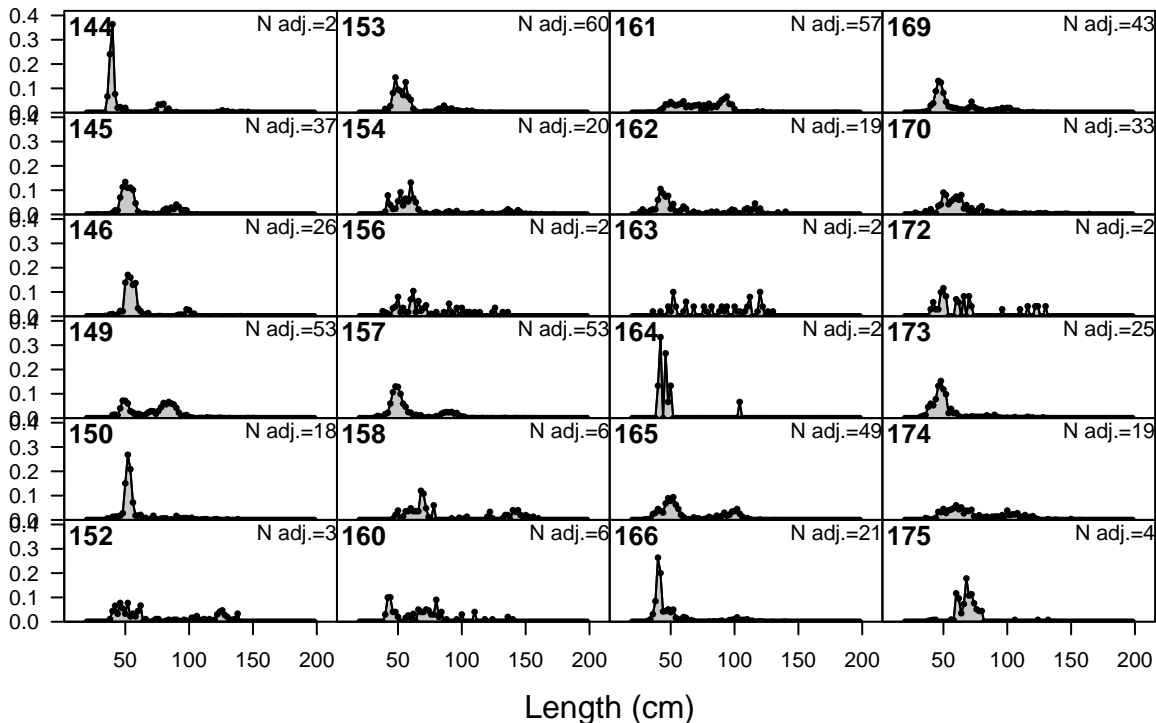
Proportion

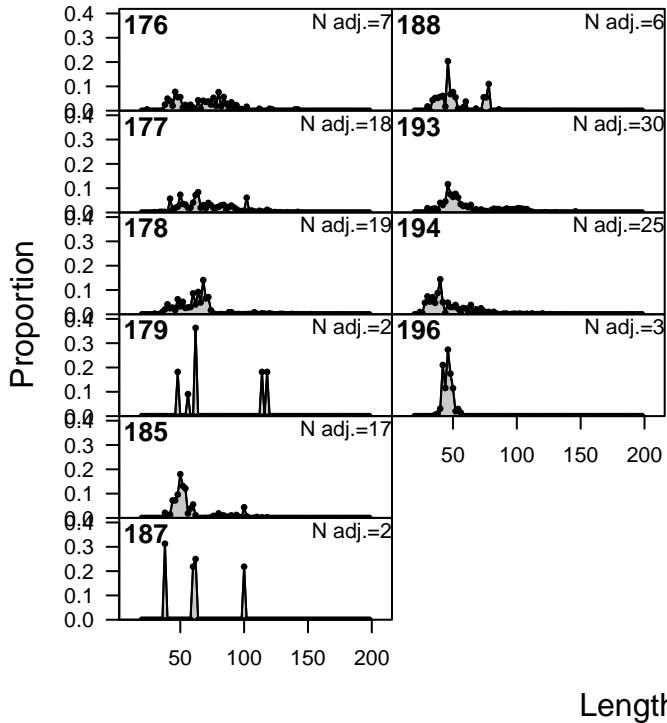


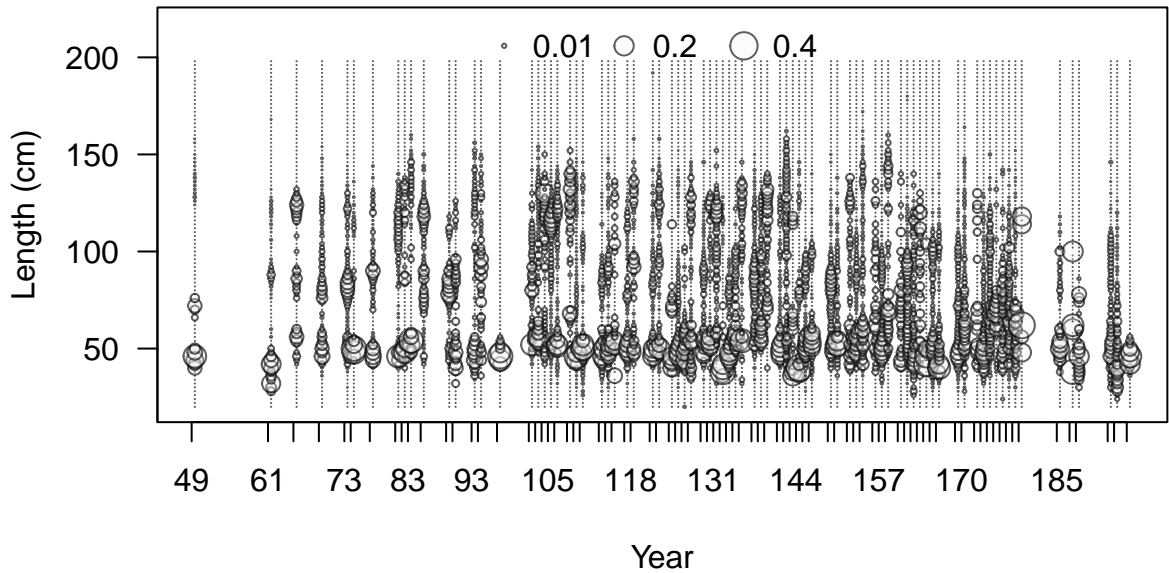
Proportion



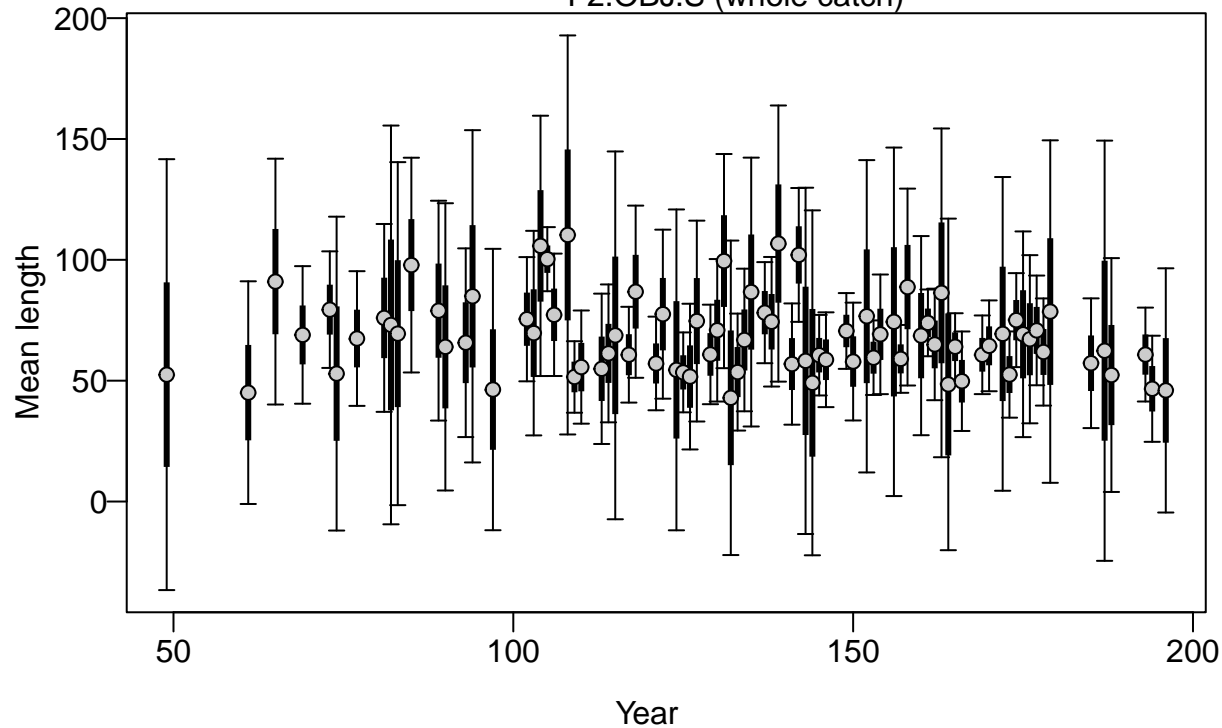
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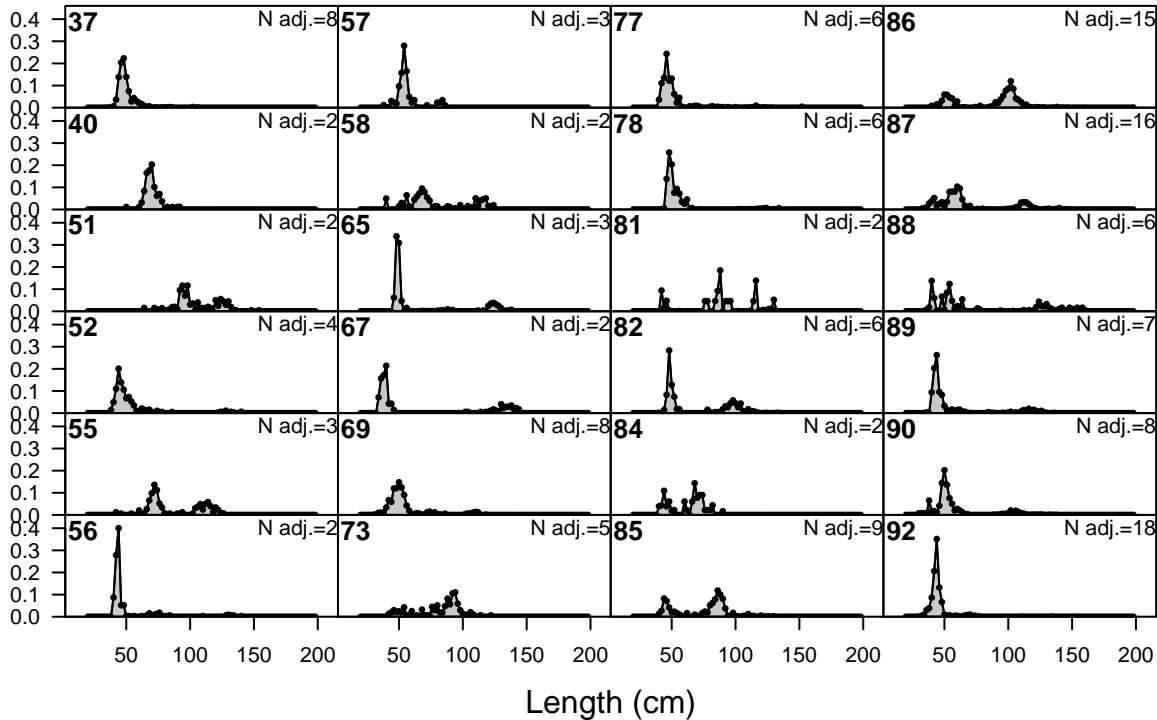




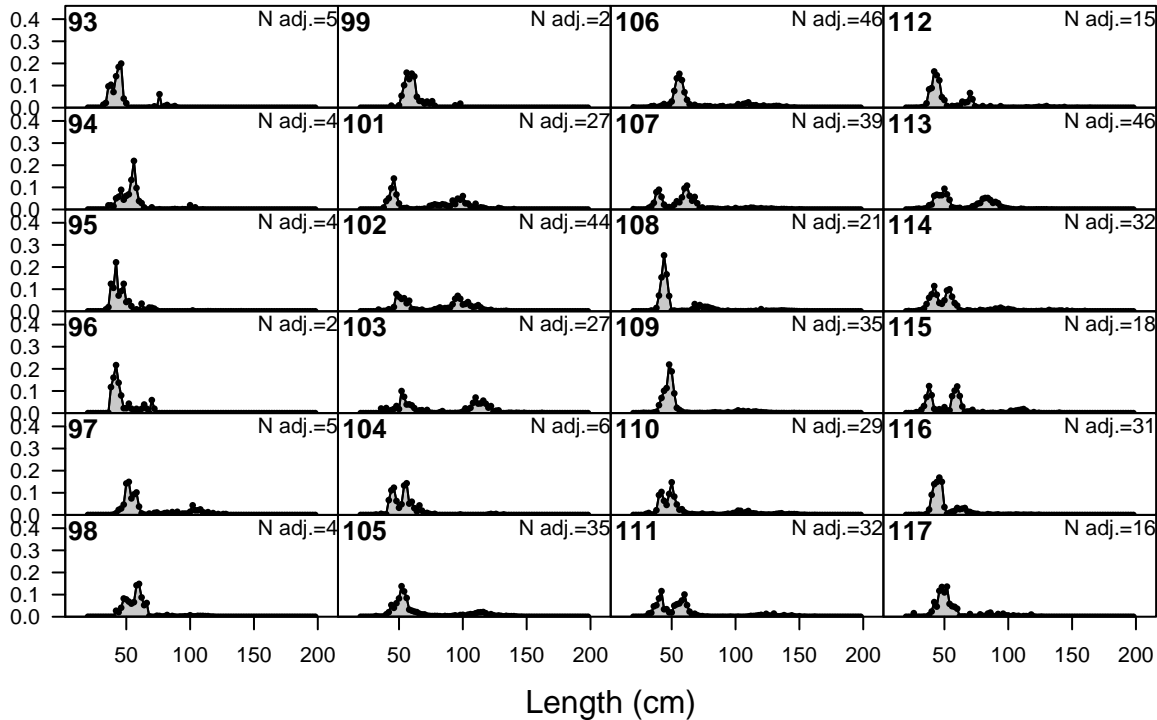
F2.OBJ.S (whole catch)



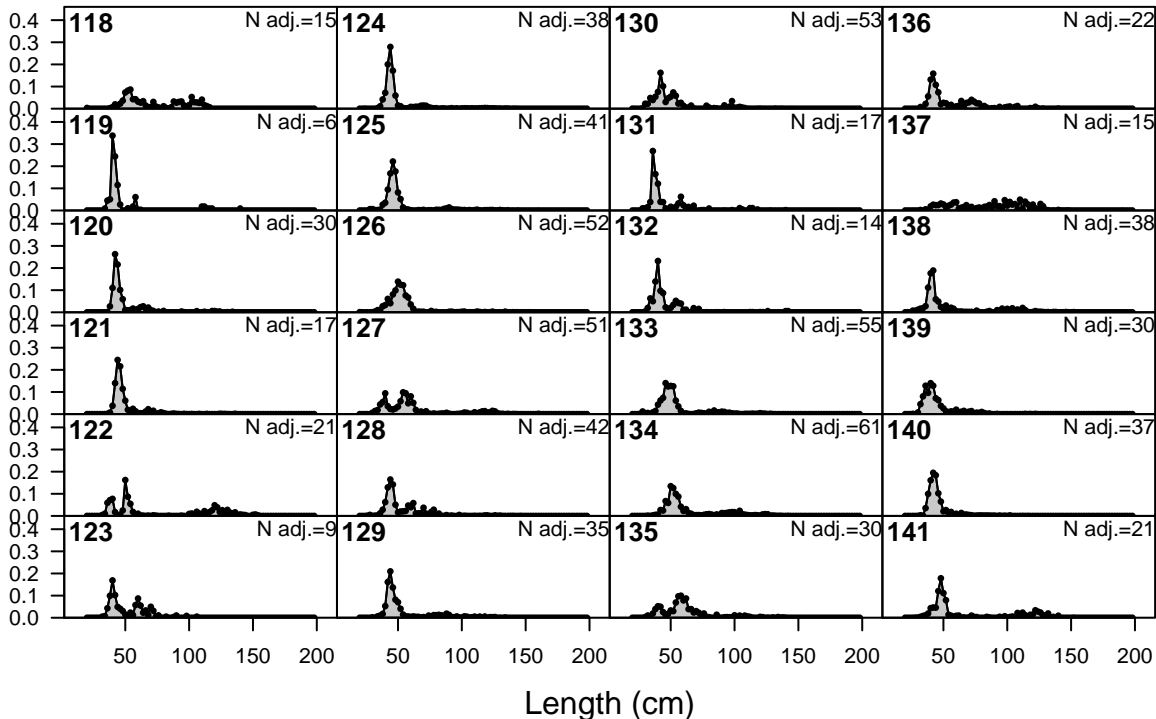
Proportion



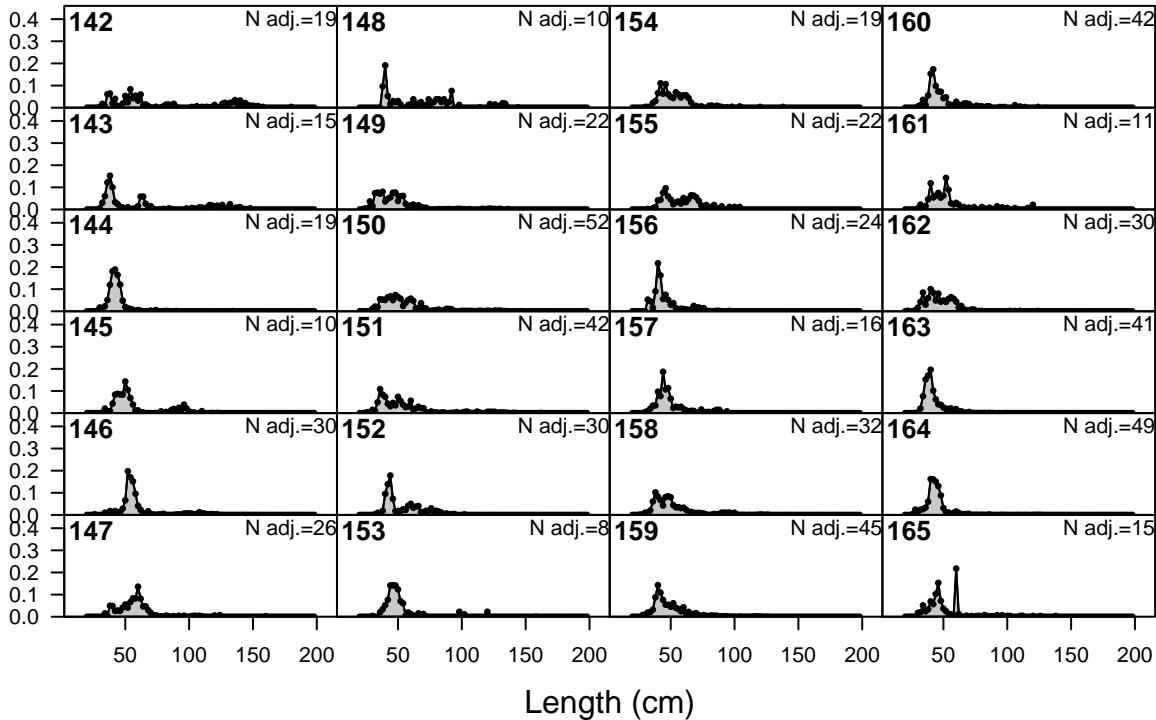
Proportion



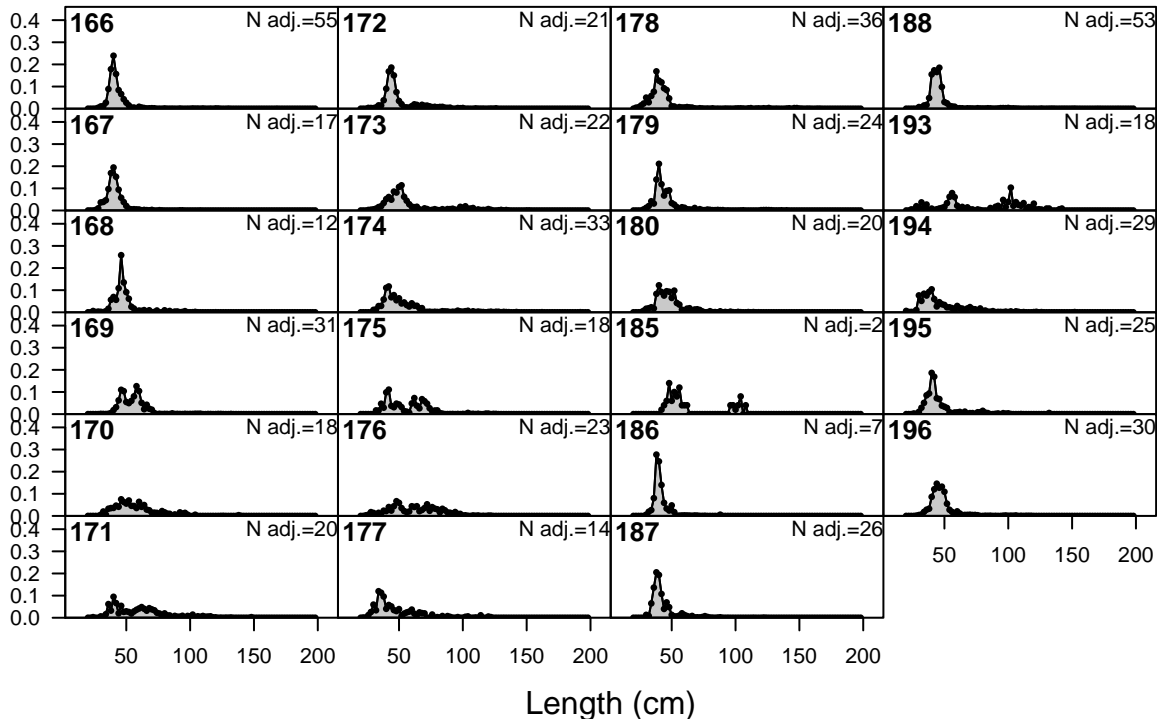
Proportion

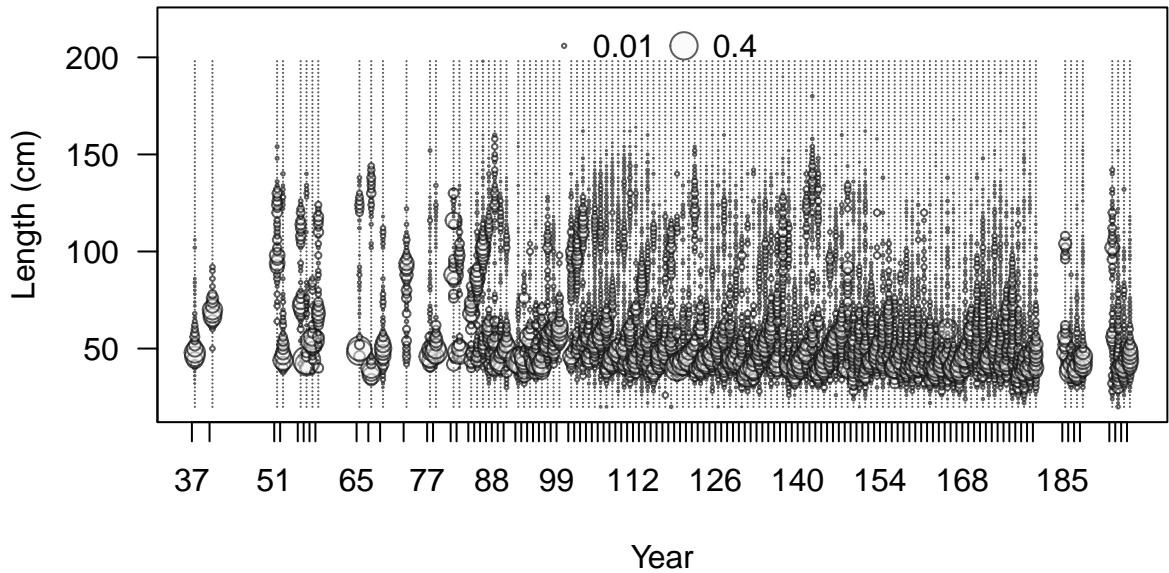


Proportion

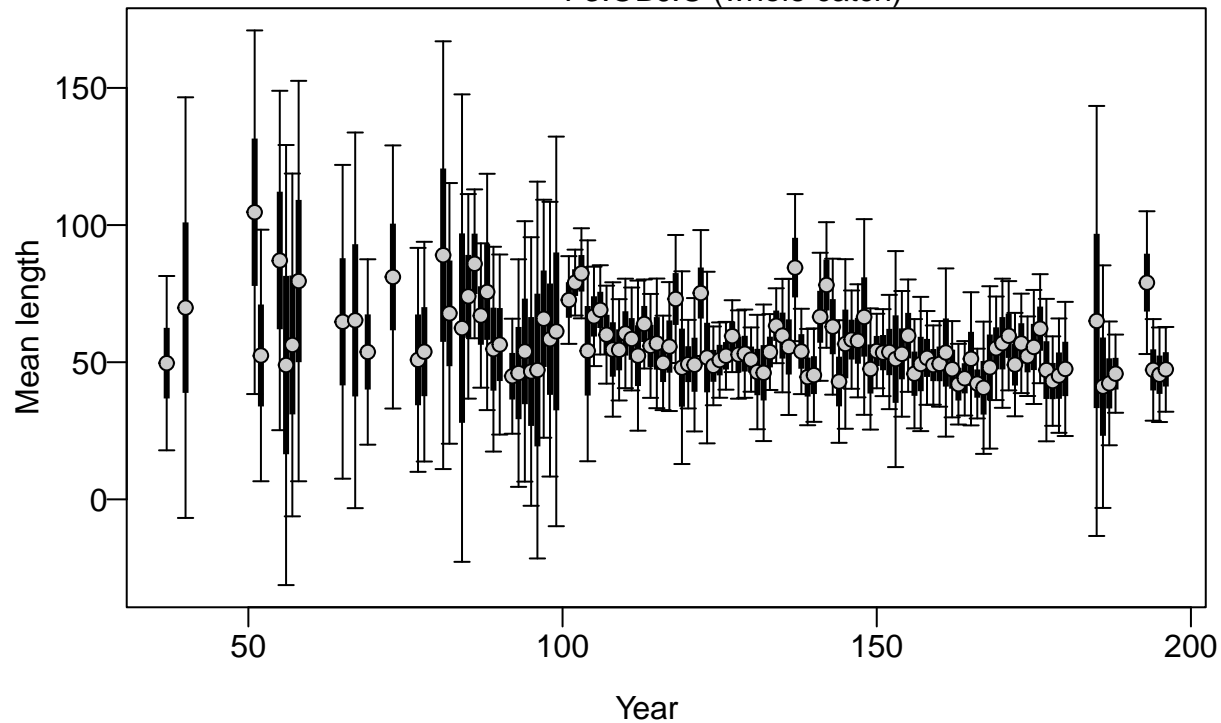


Proportion

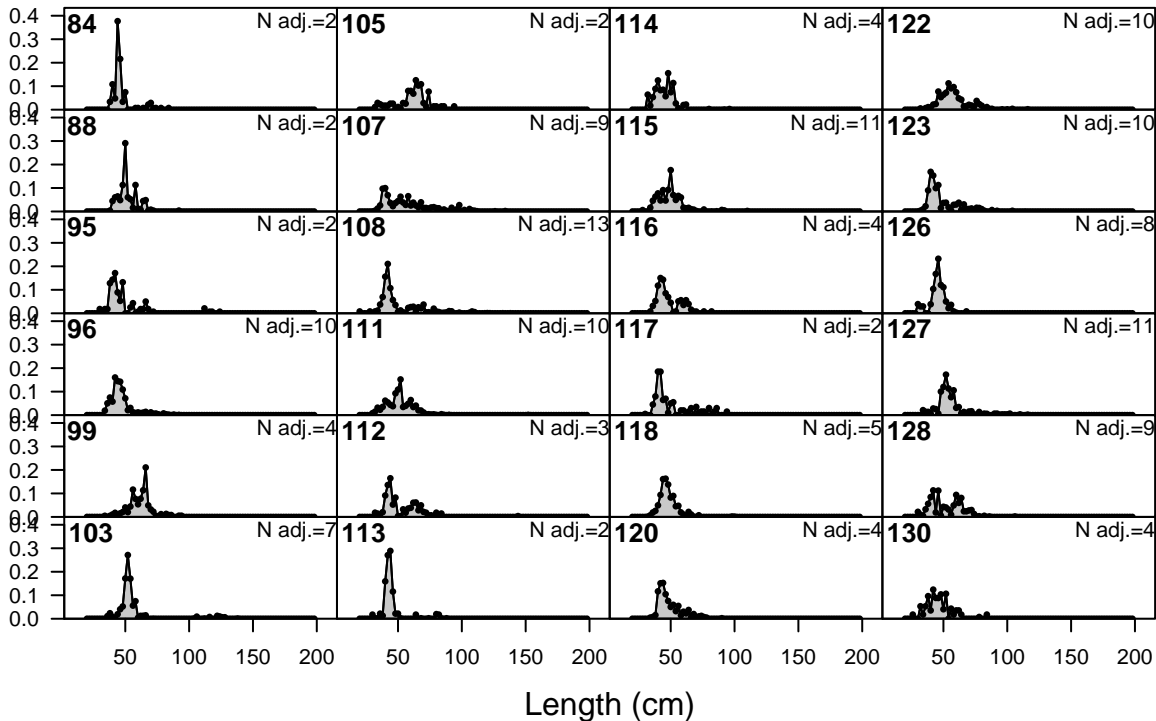




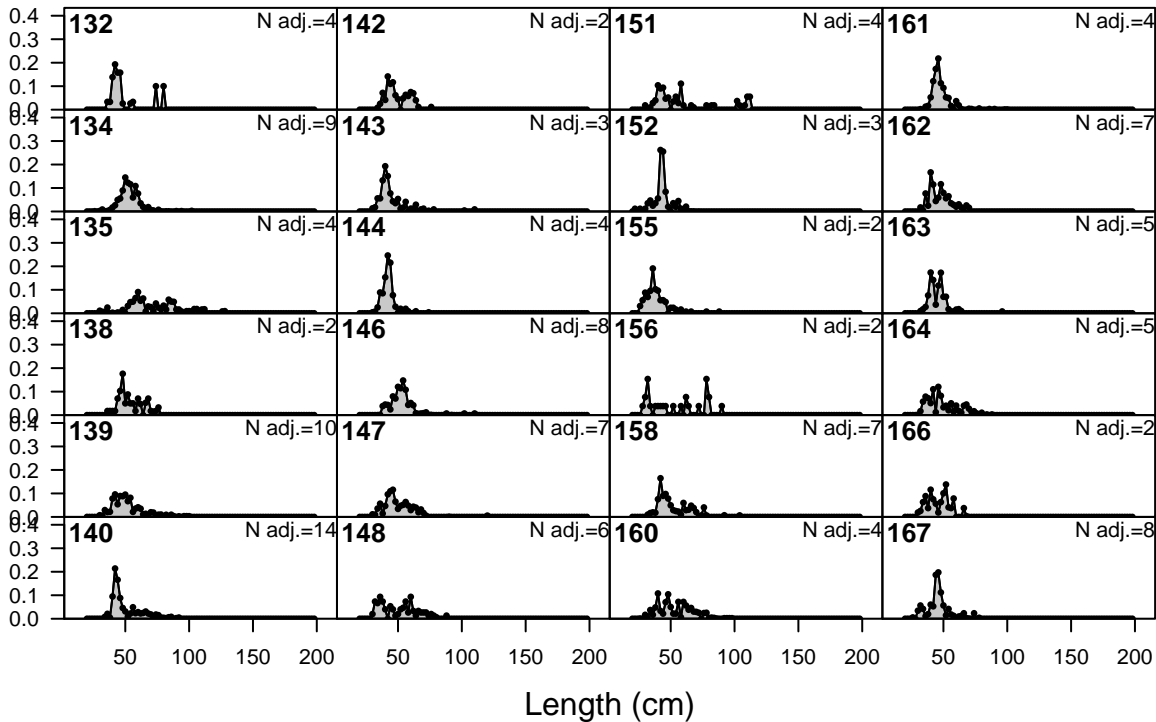
F3.OBJ.C (whole catch)



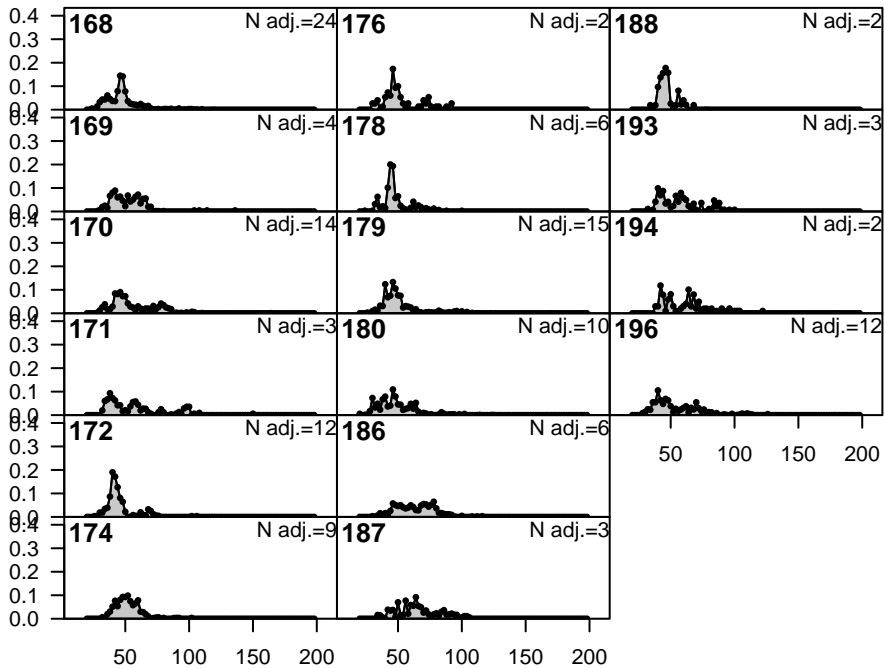
Proportion



Proportion



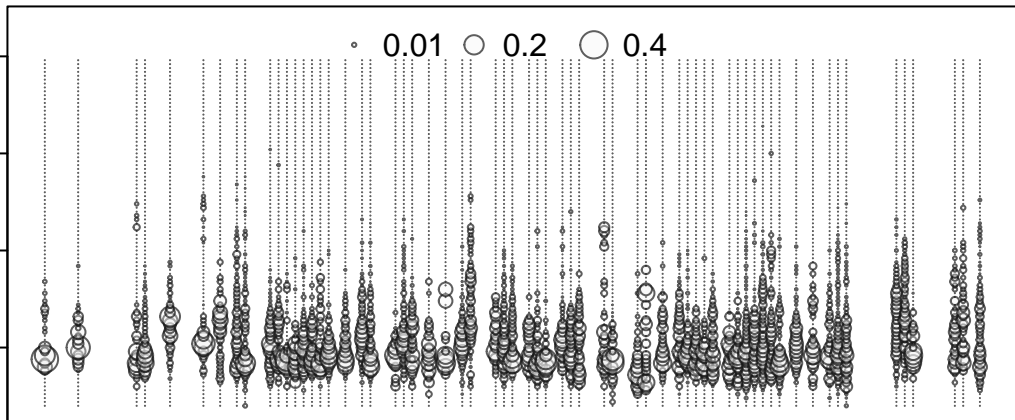
Proportion



Length (cm)

Length (cm)

200
150
100
50



84

95

105

115

126

138

148

158

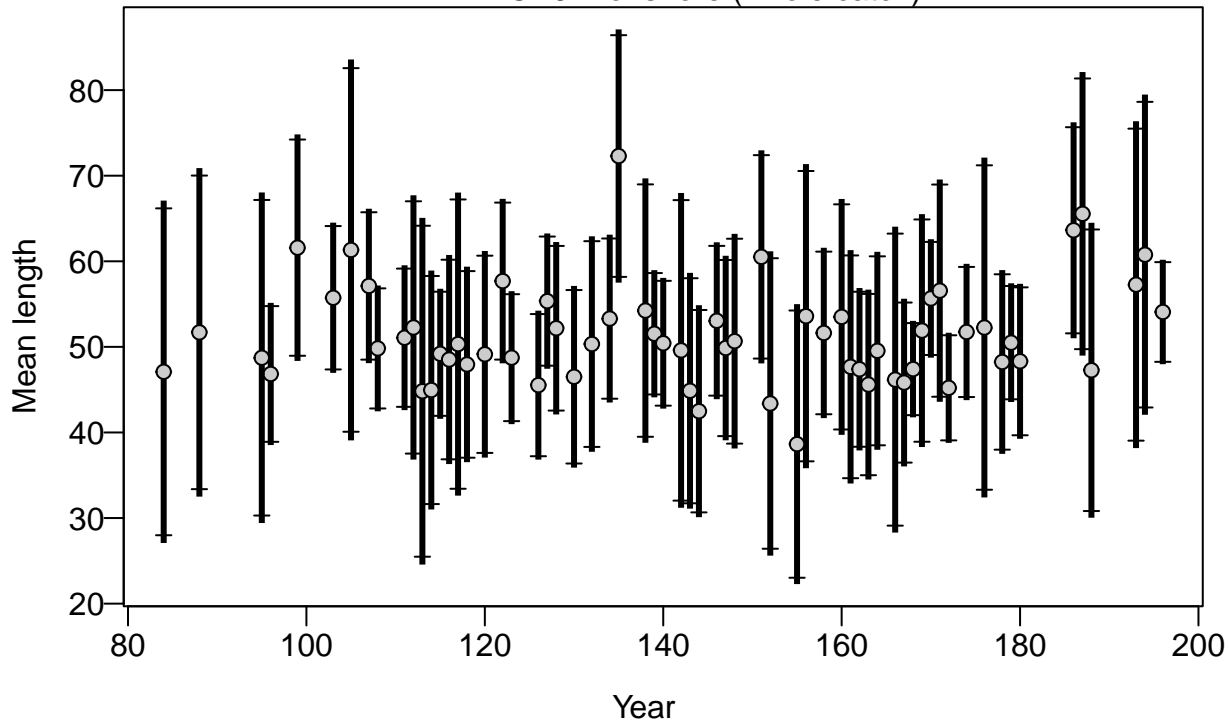
168

178

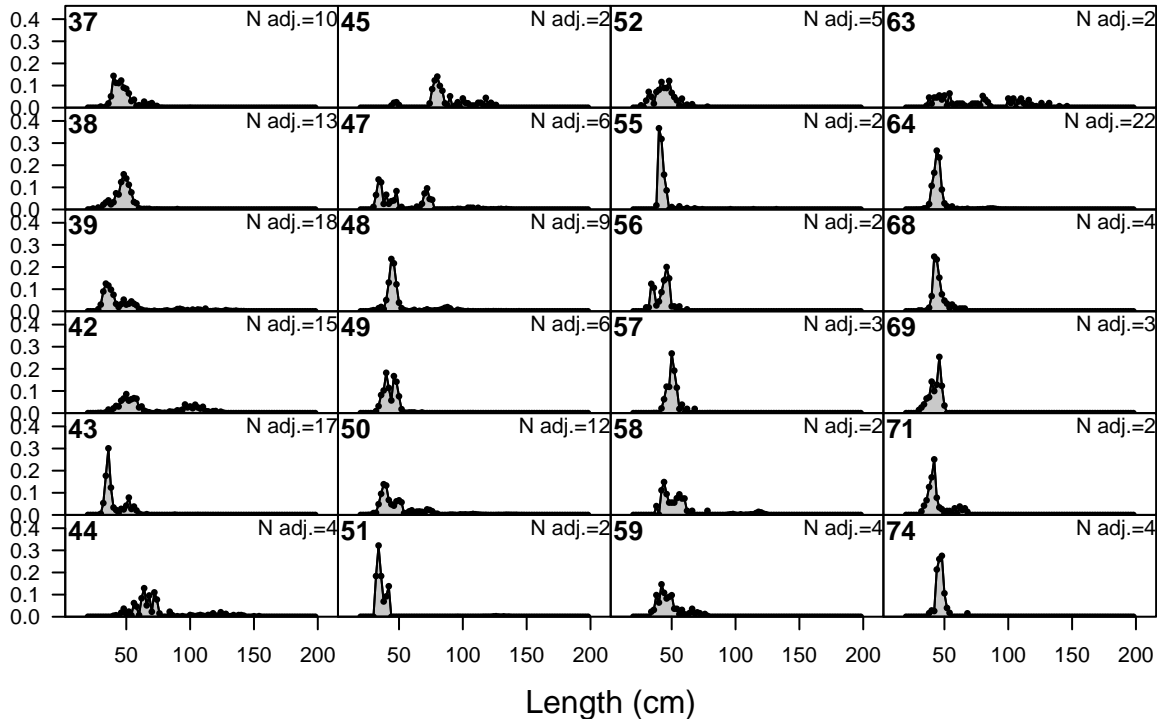
188

Year

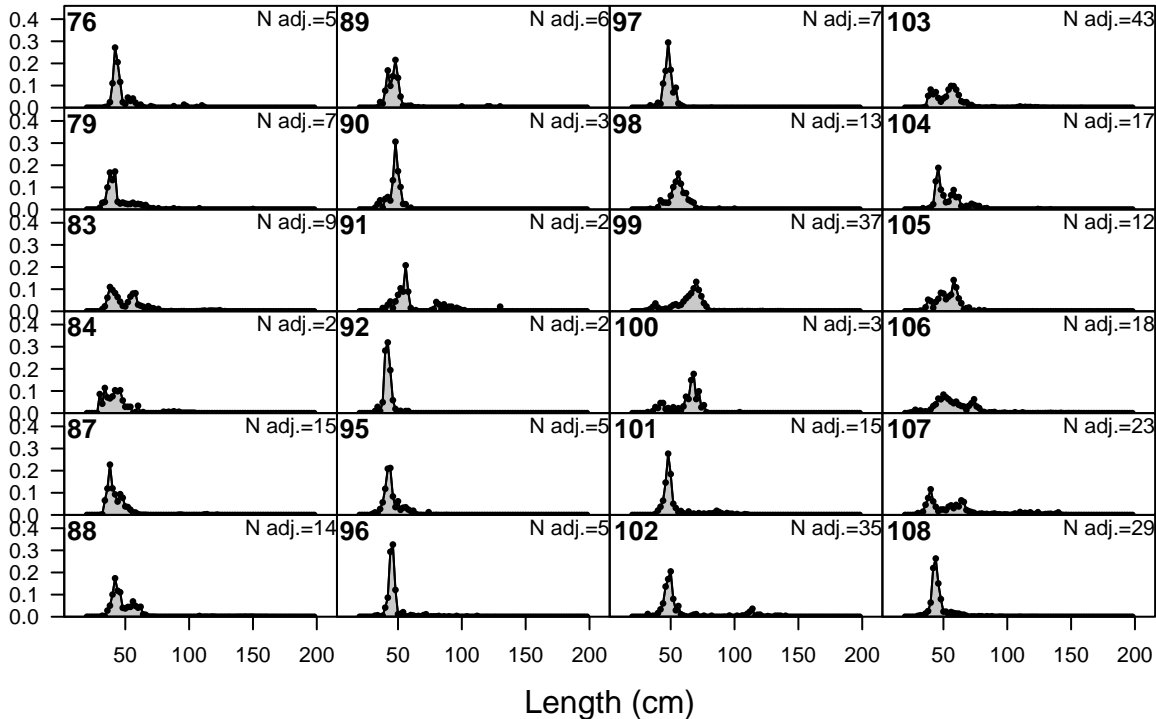
F4.OBJ.E.offshore (whole catch)



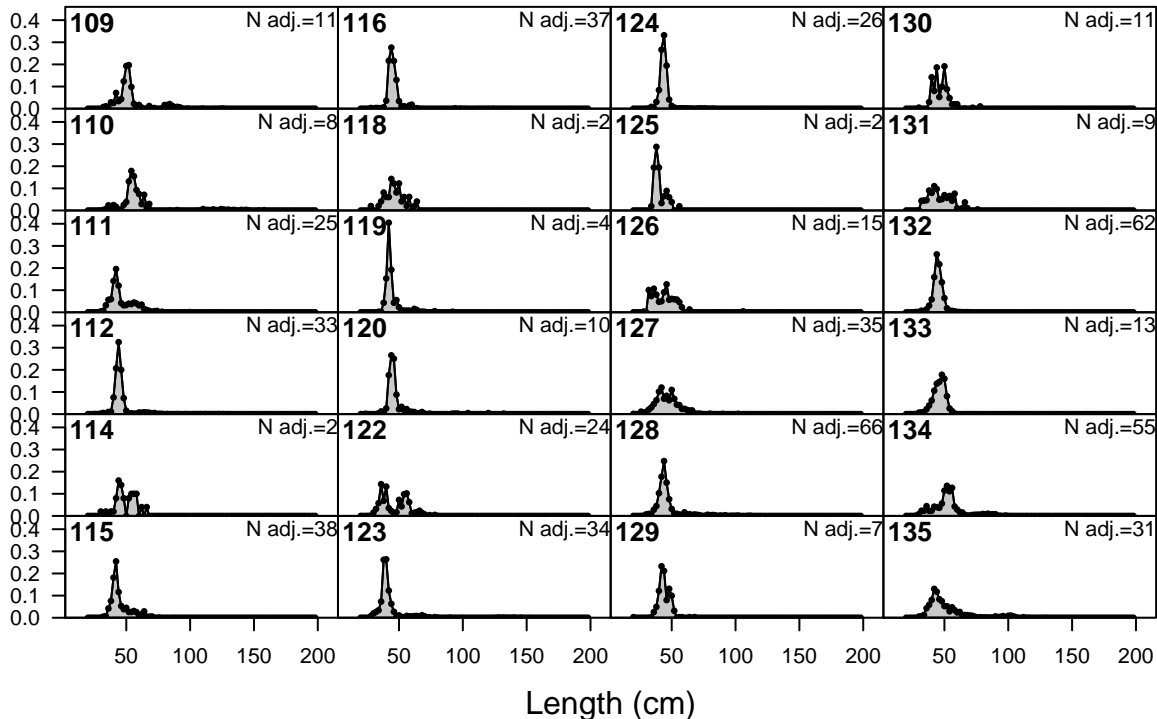
Proportion



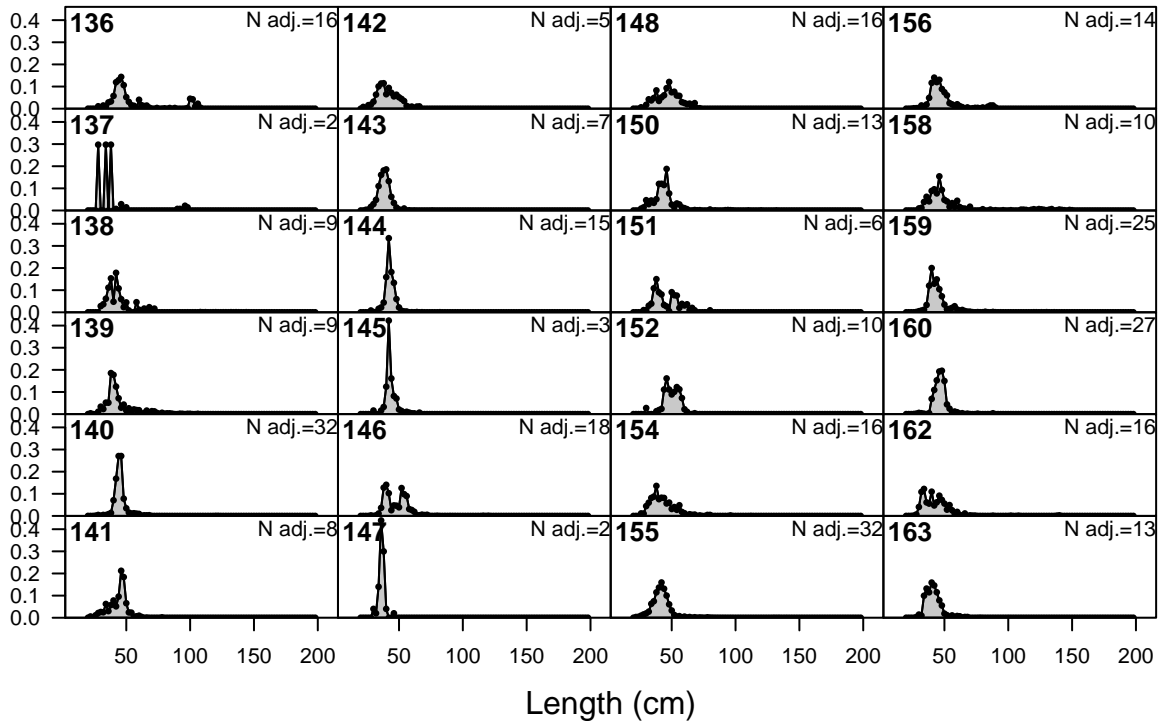
Proportion



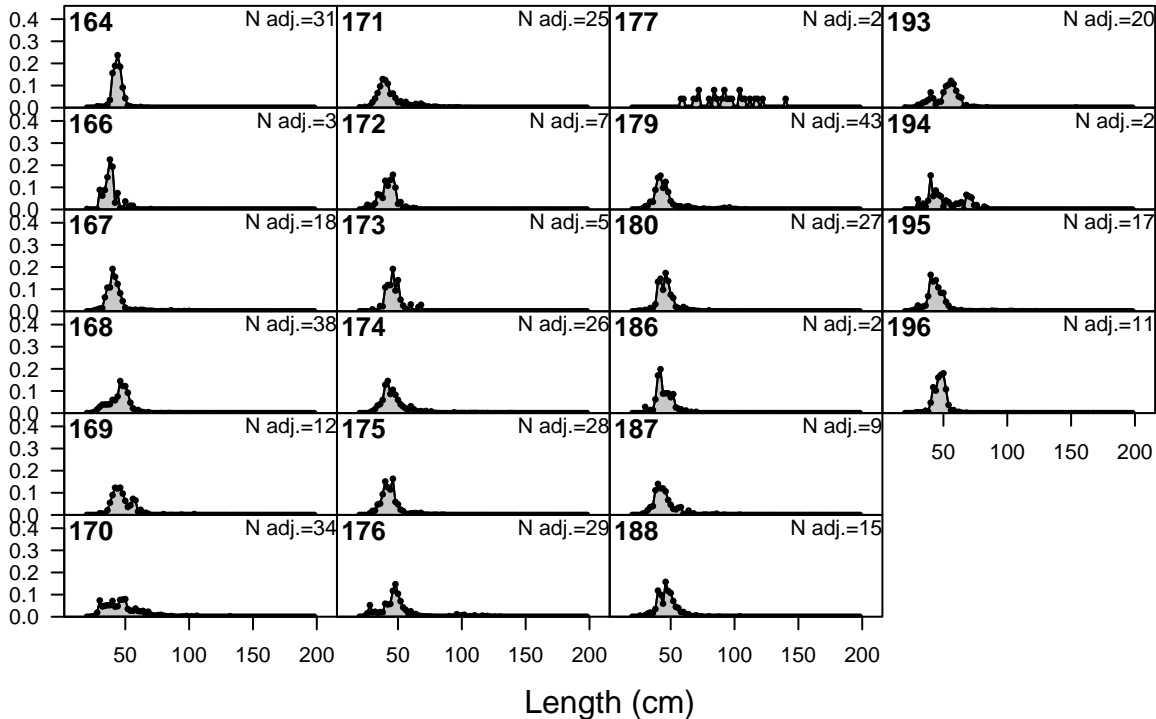
Proportion

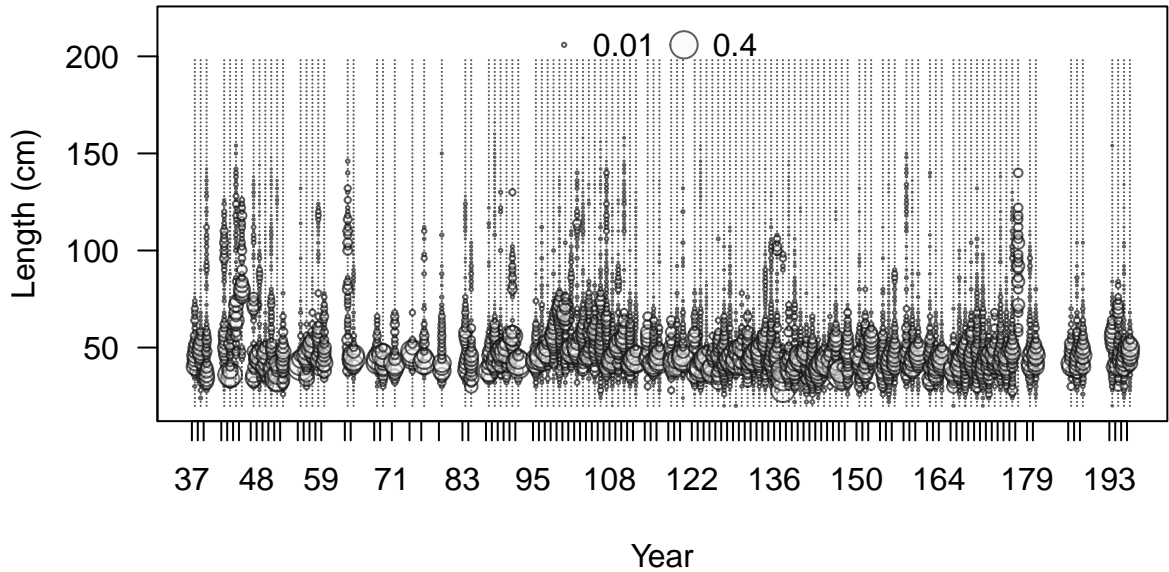


Proportion

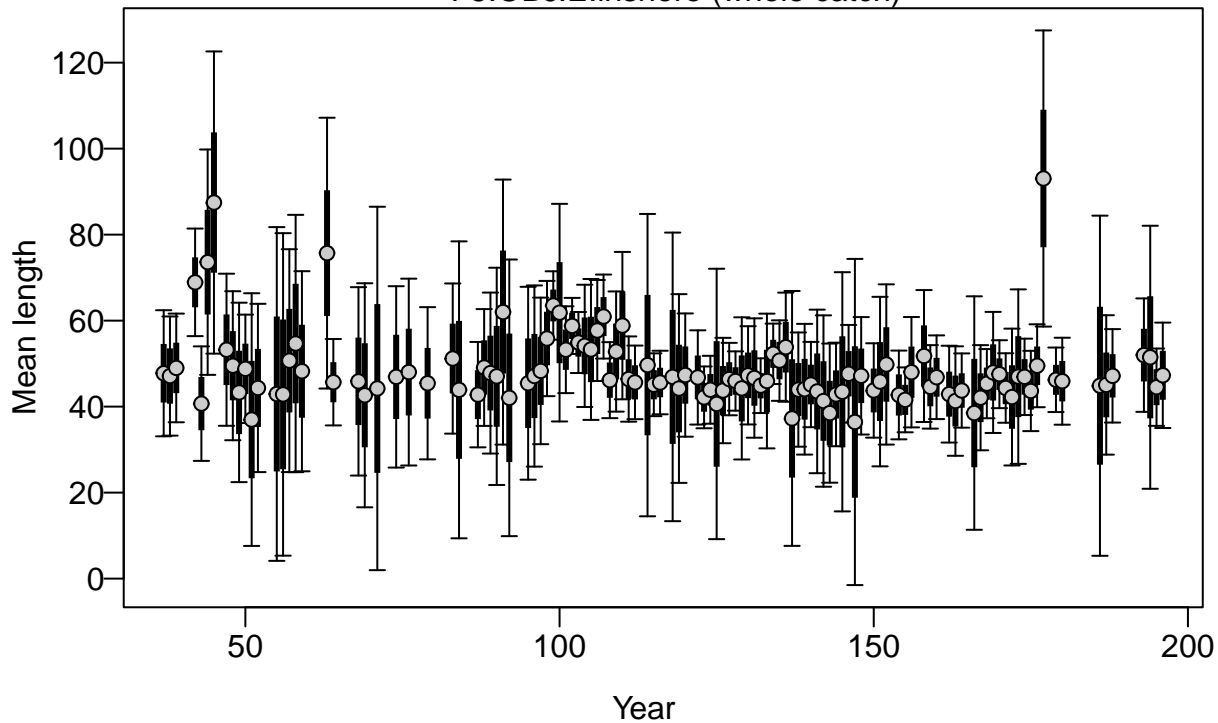


Proportion

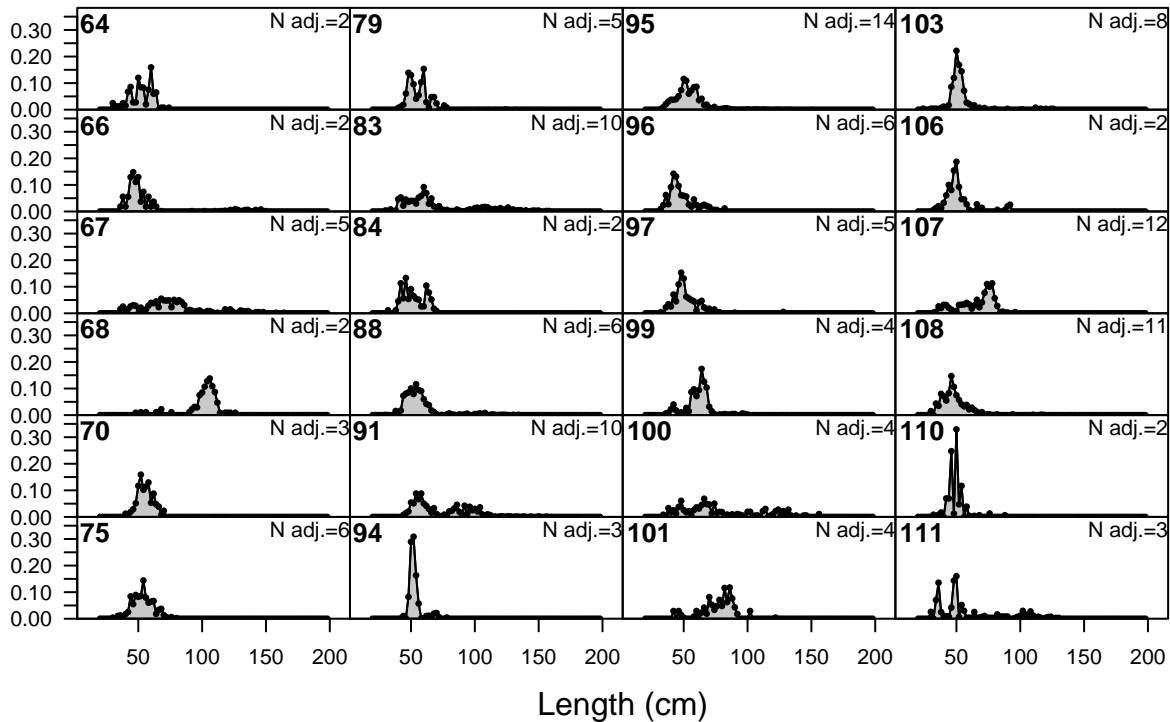




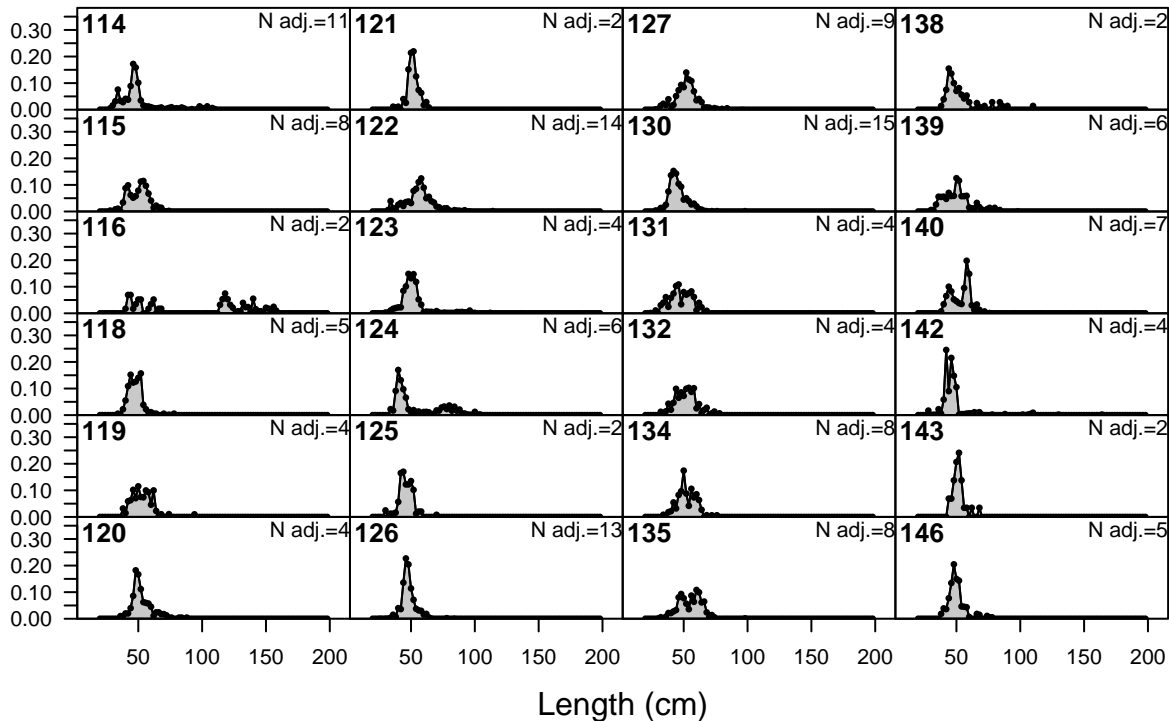
F5.OBJ.E.inshore (whole catch)



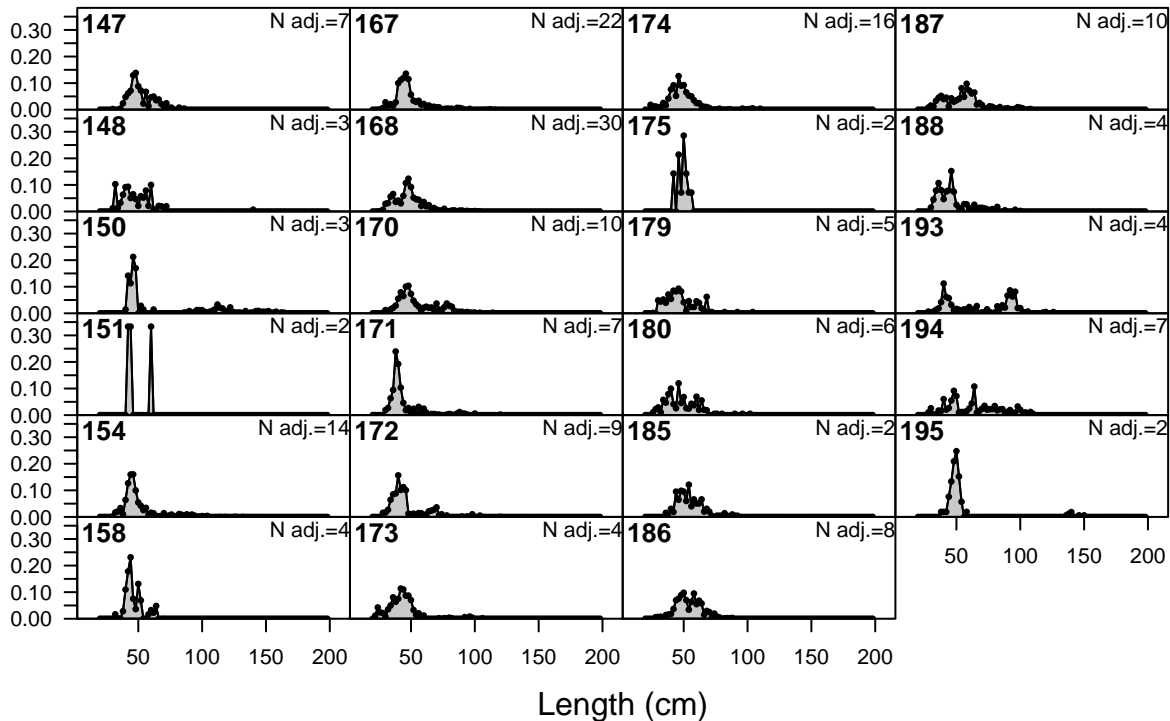
Proportion

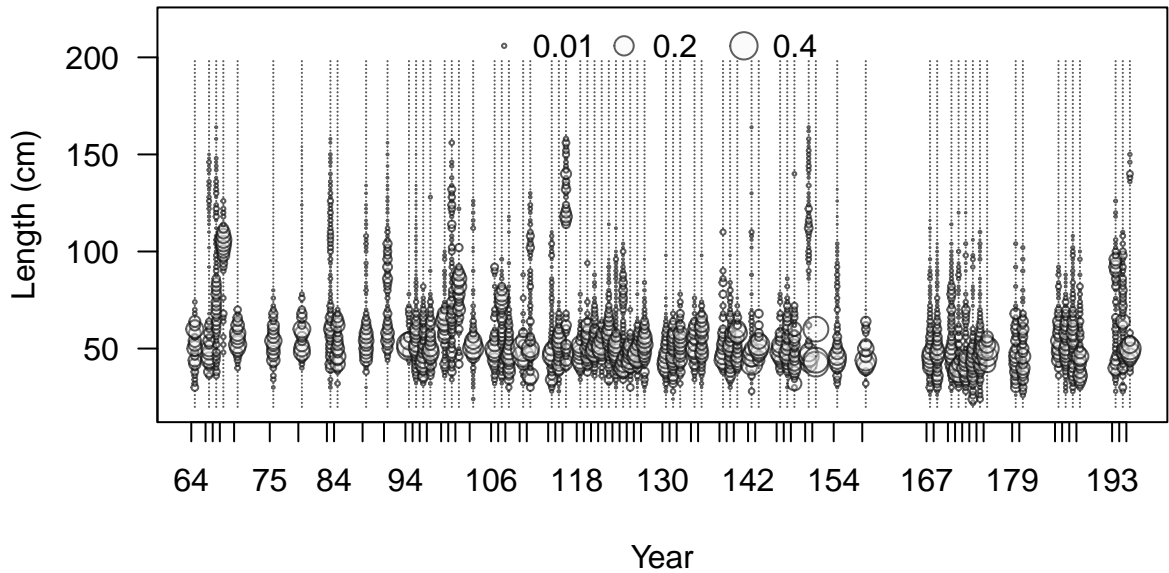


Proportion

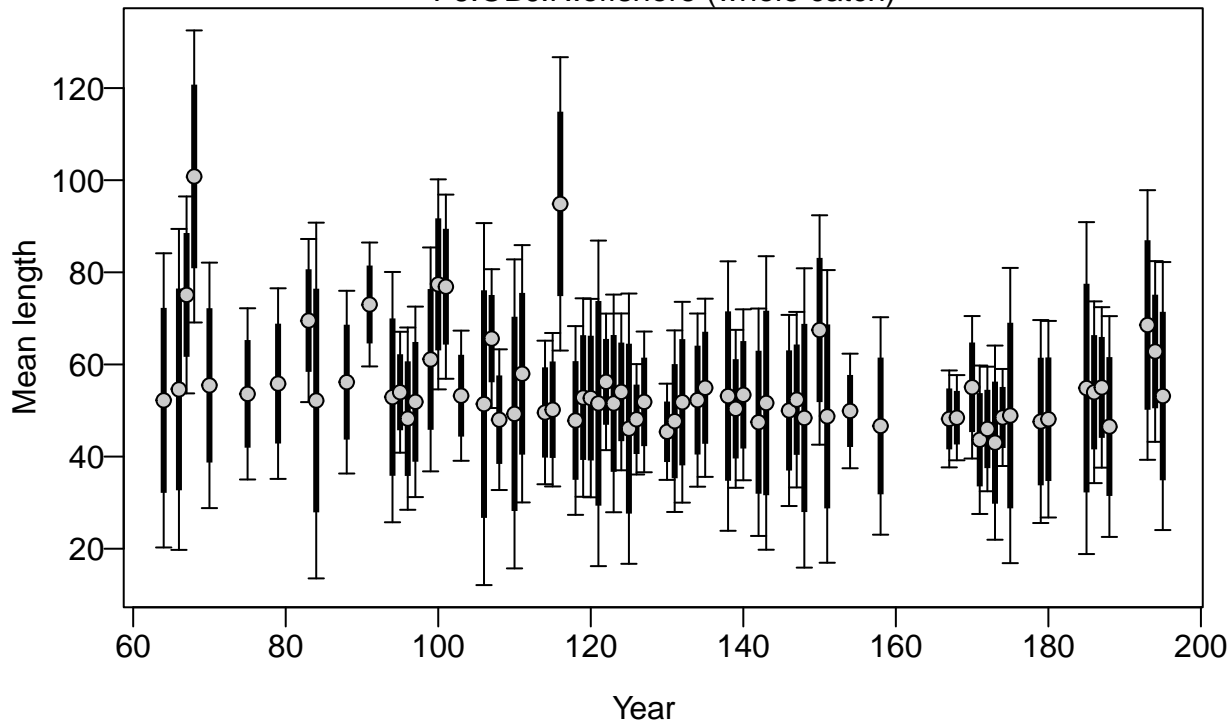


Proportion

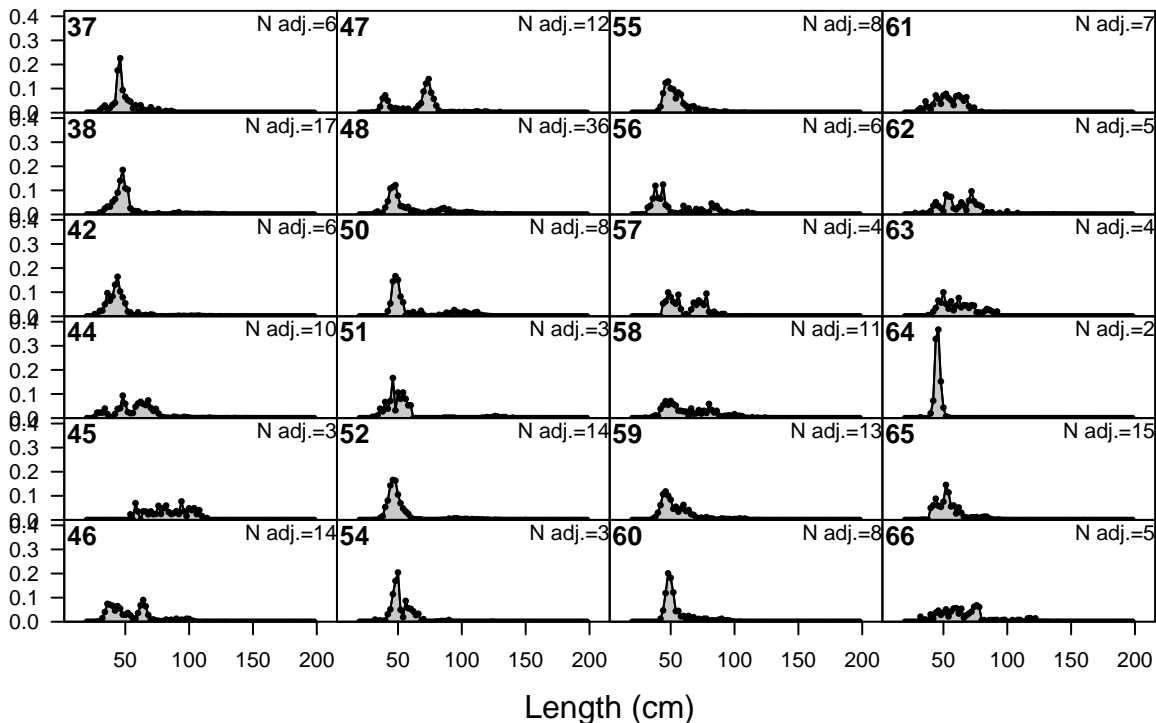




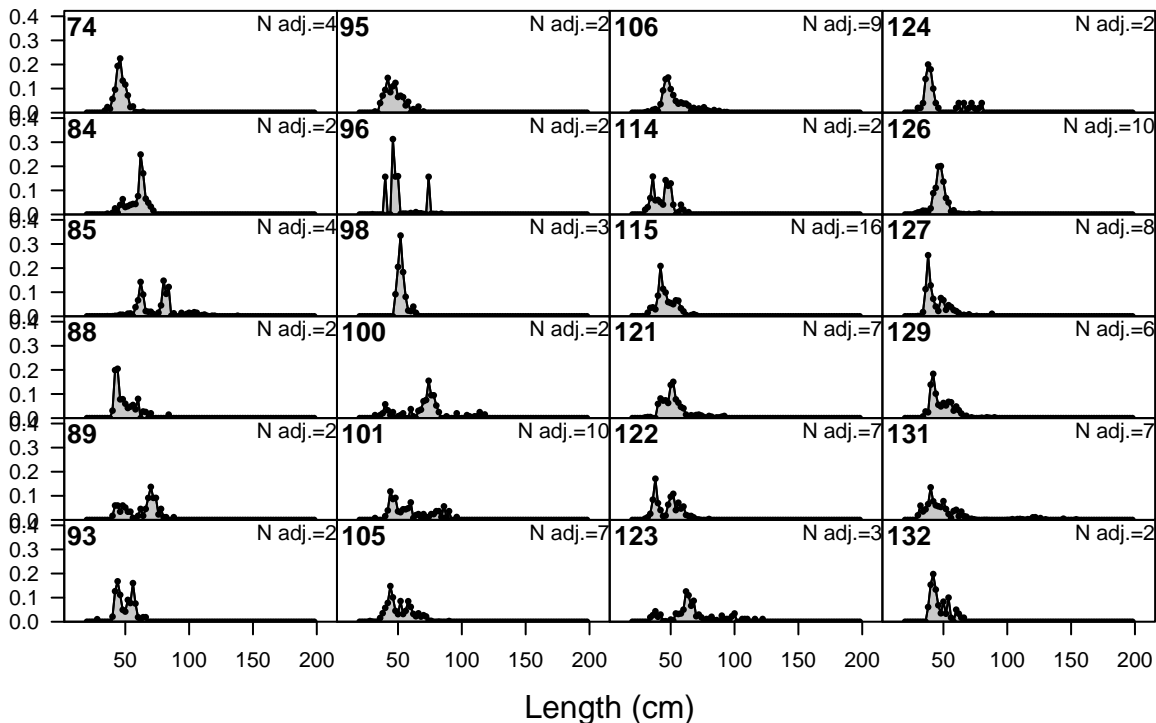
F6.OBJ.N.offshore (whole catch)



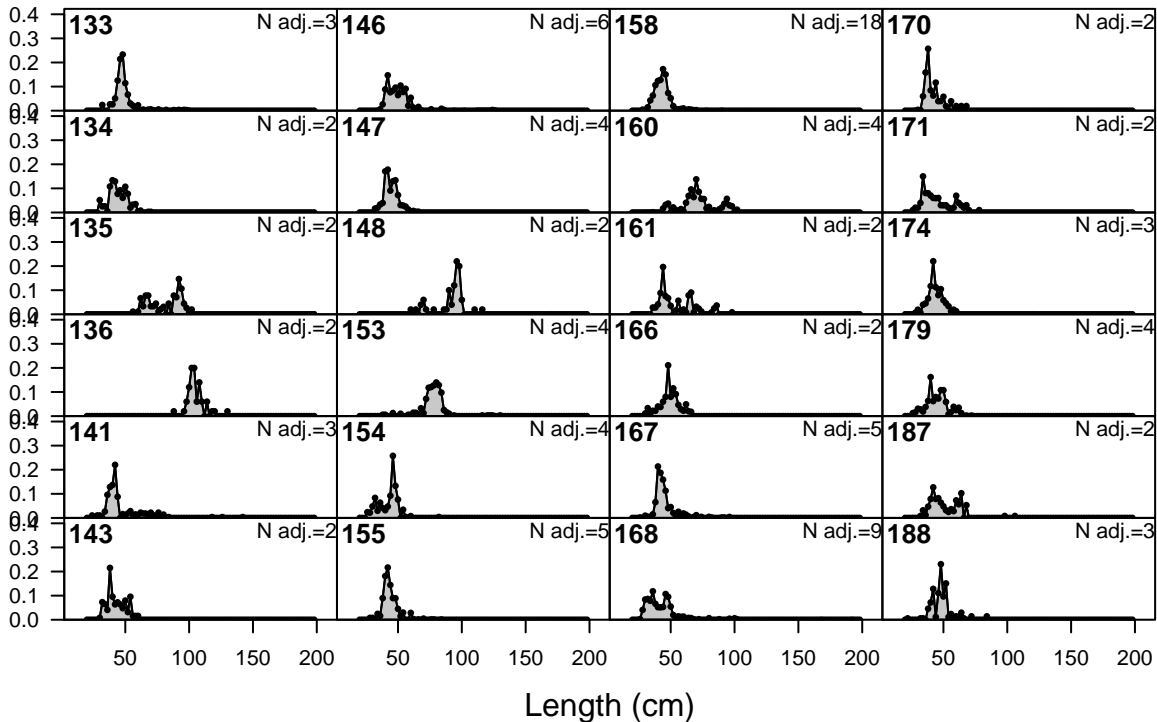
Proportion

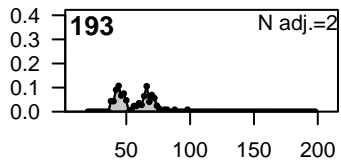


Proportion



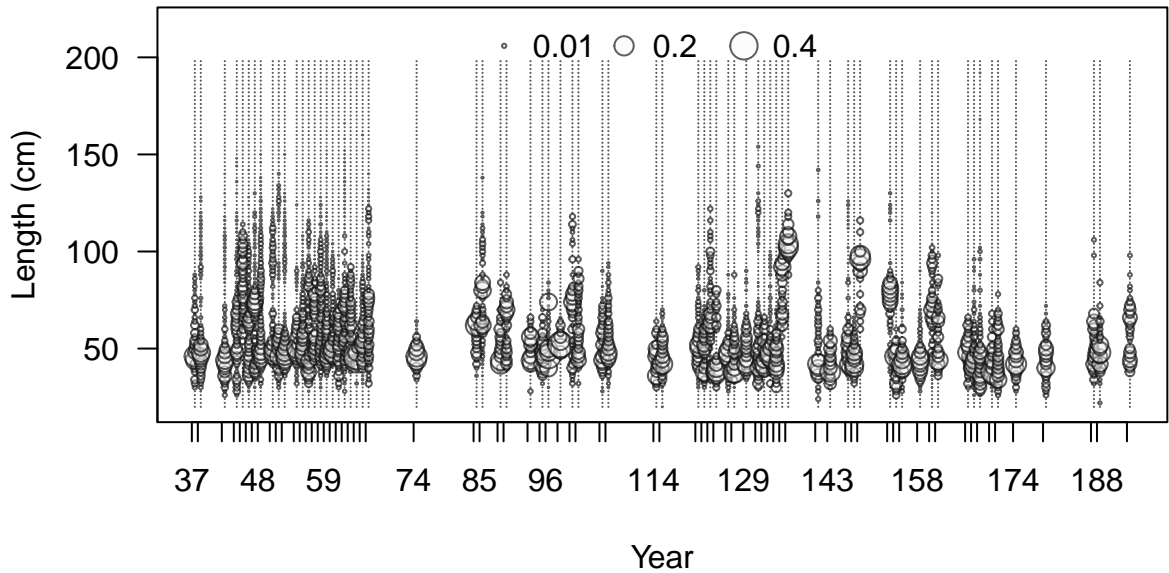
Proportion



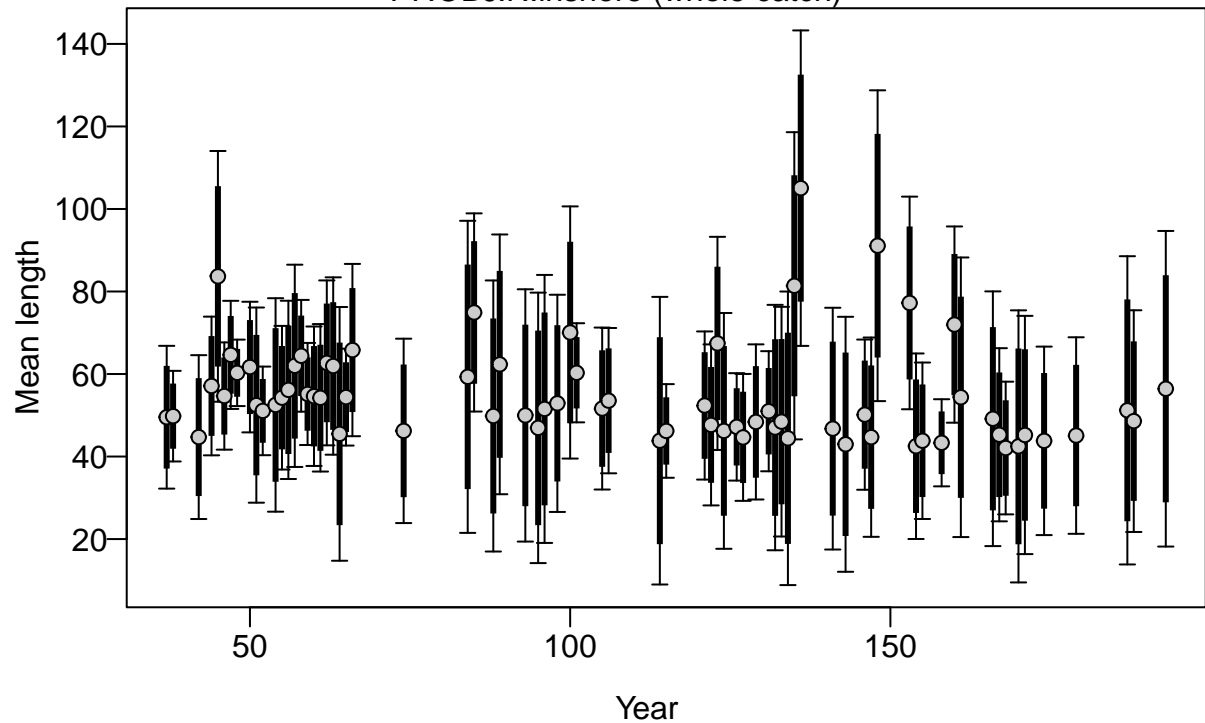


Proportion

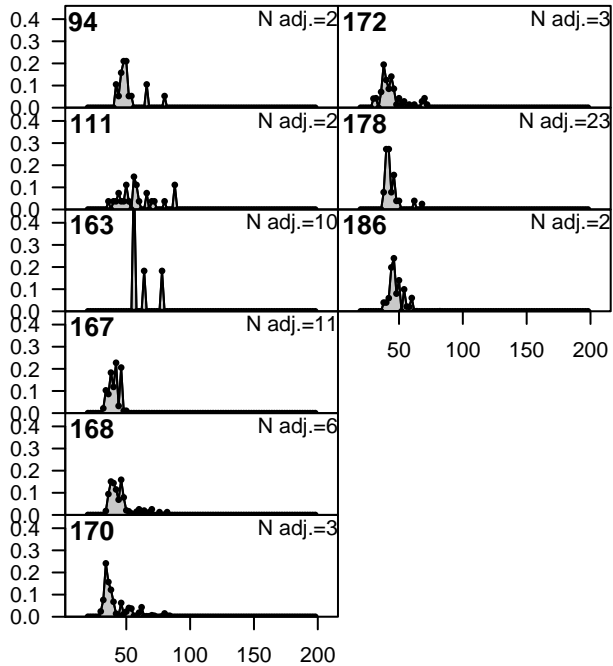
Length (cm)



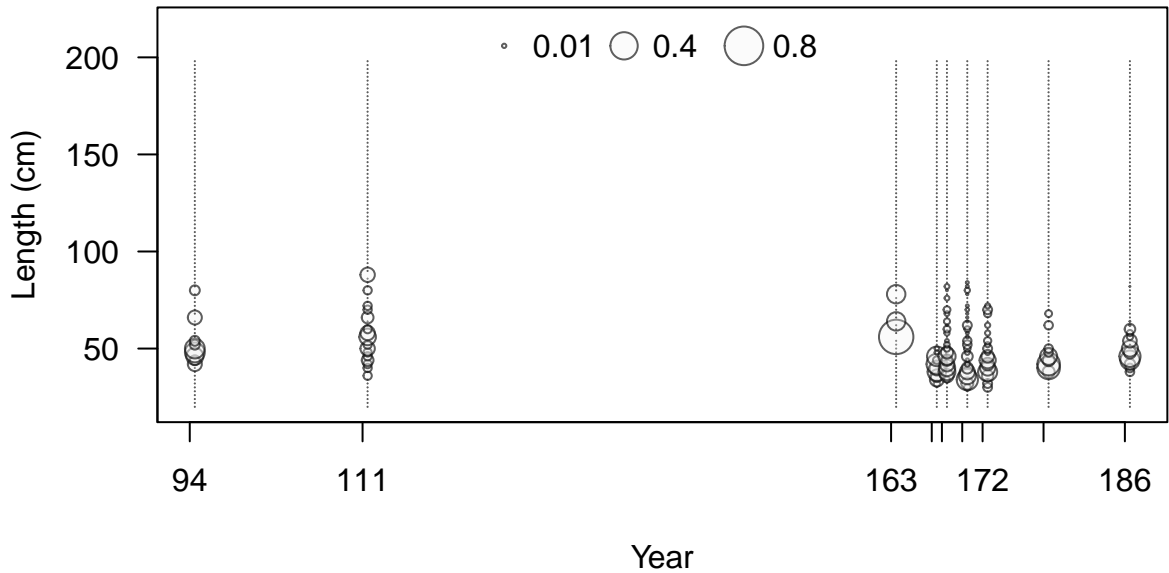
F7.OBJ.N.inshore (whole catch)



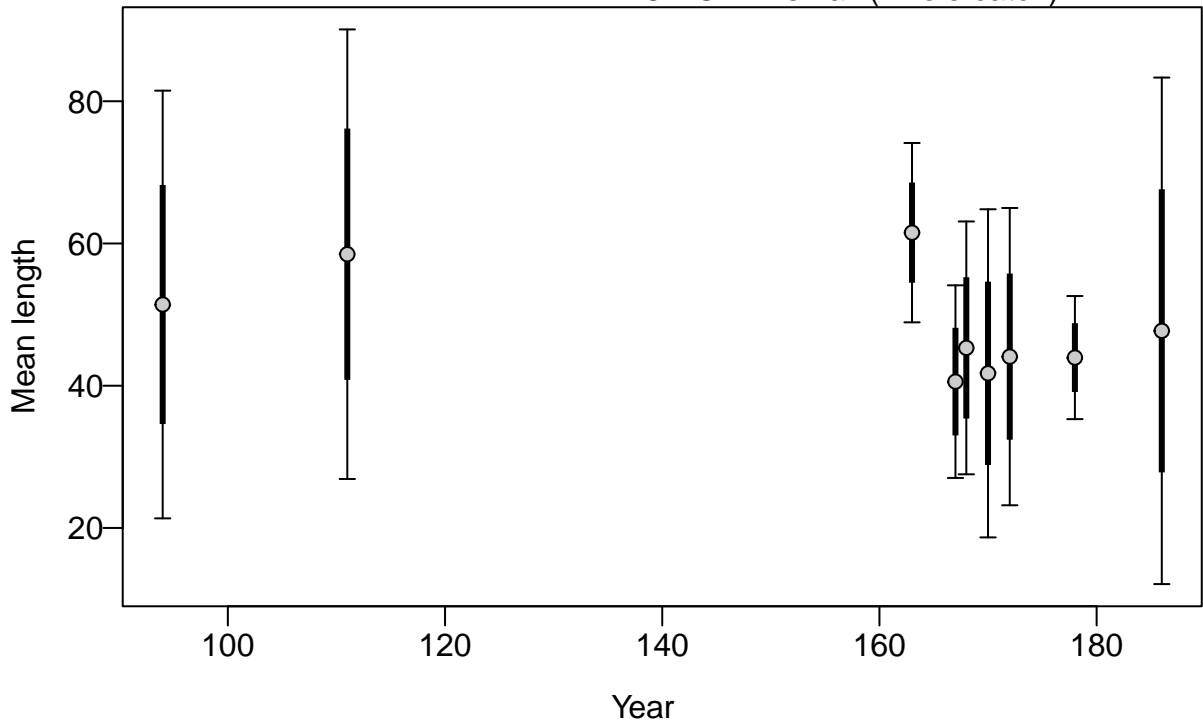
Proportion



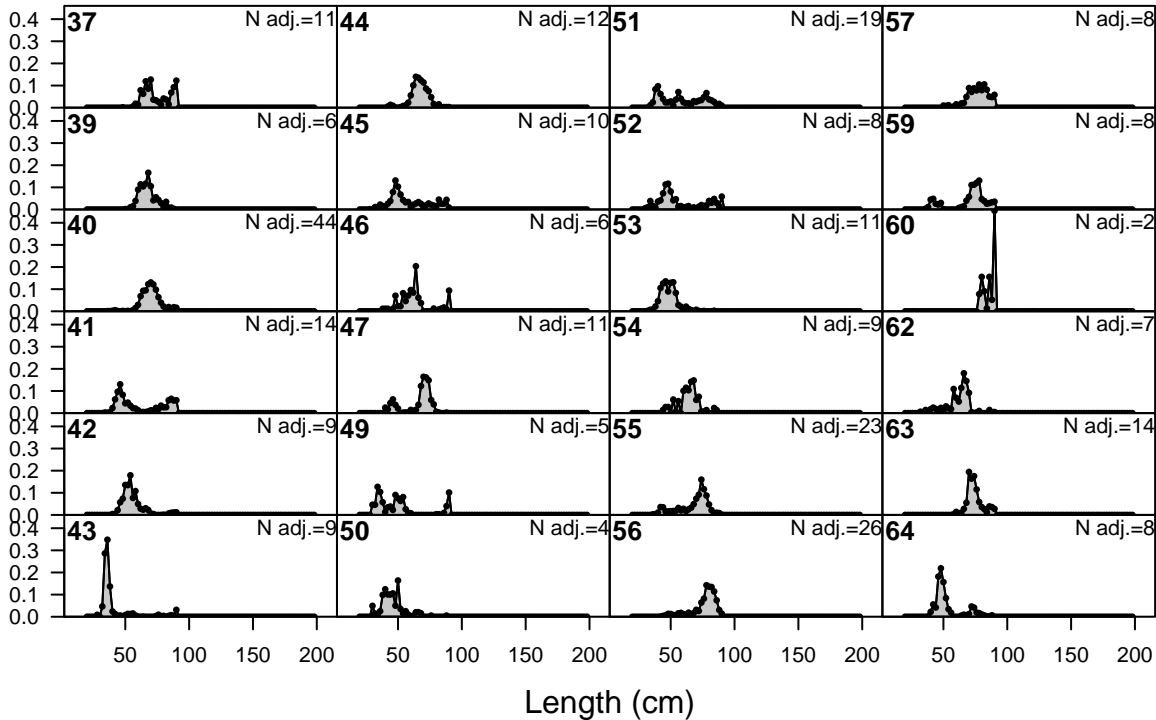
Length (cm)



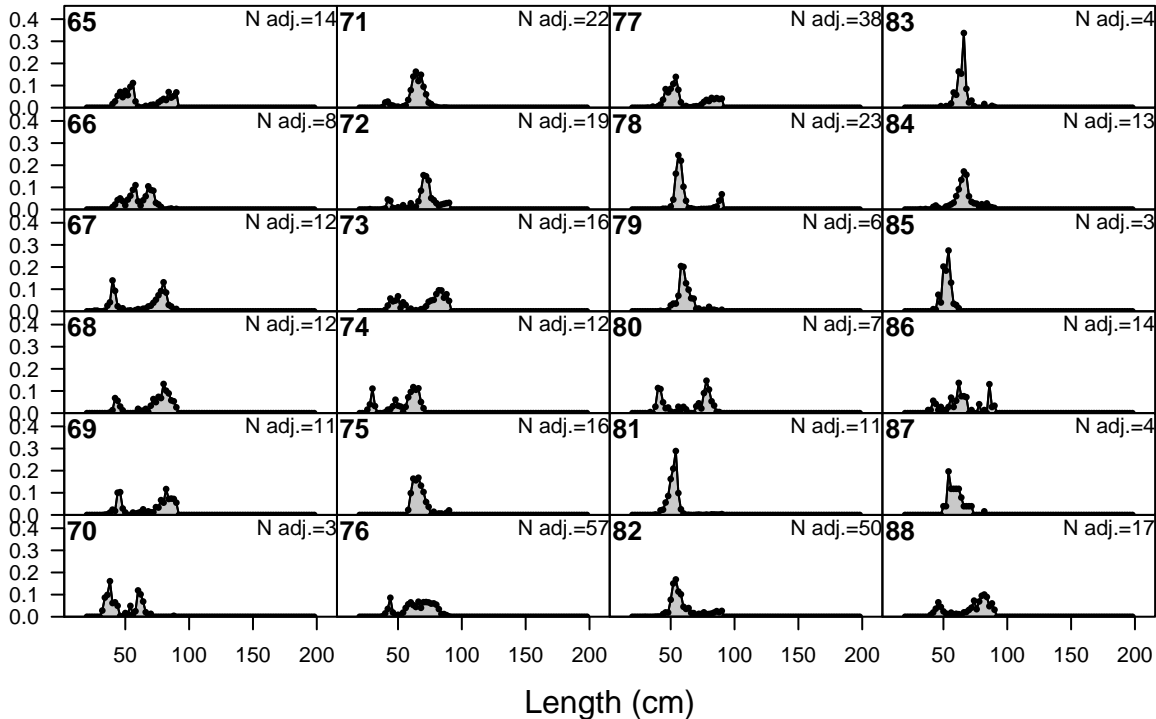
F8.NOA.W.small (whole catch)



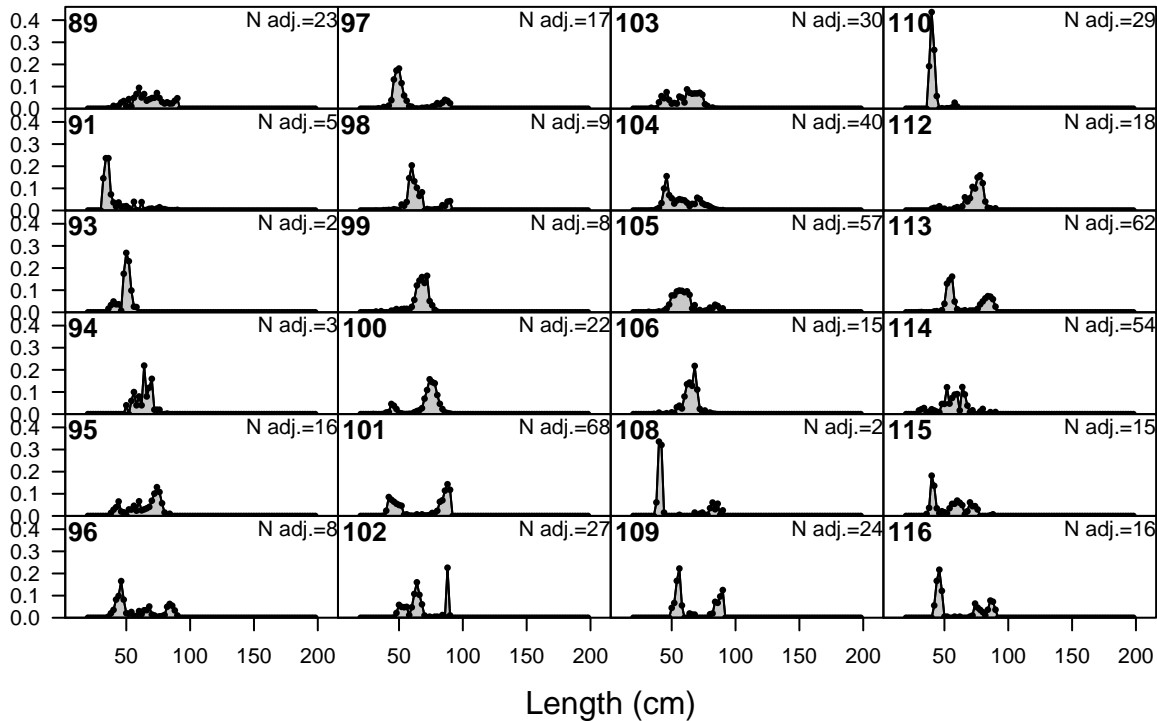
Proportion



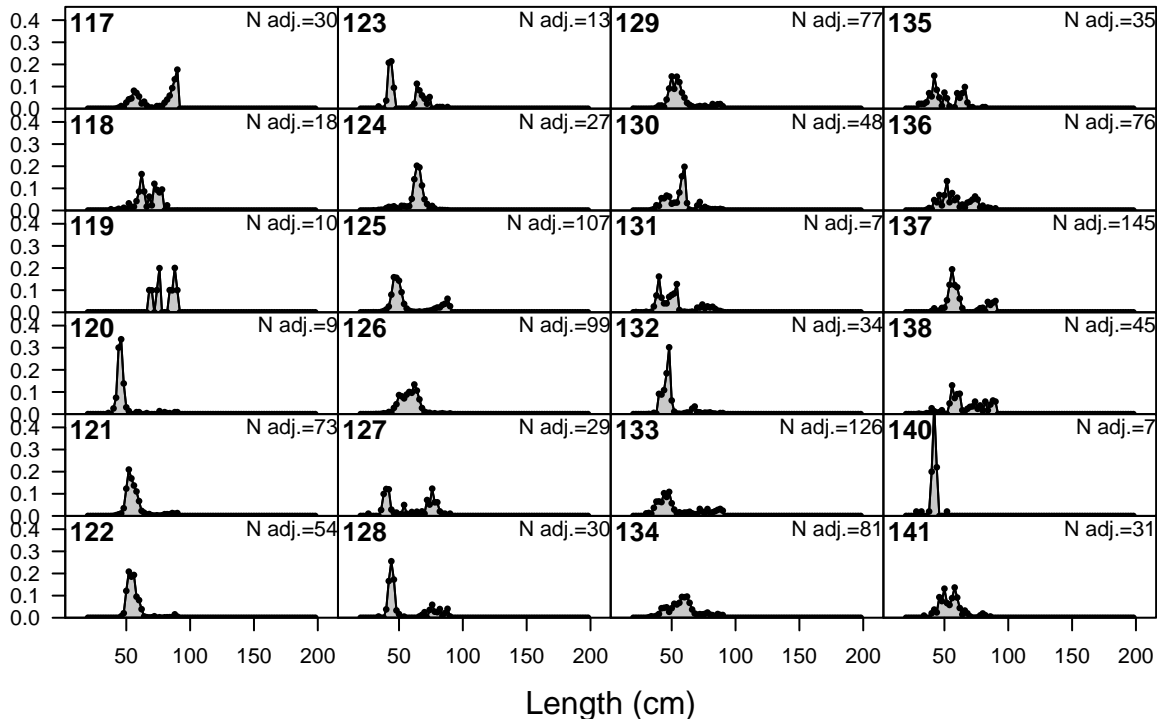
Proportion



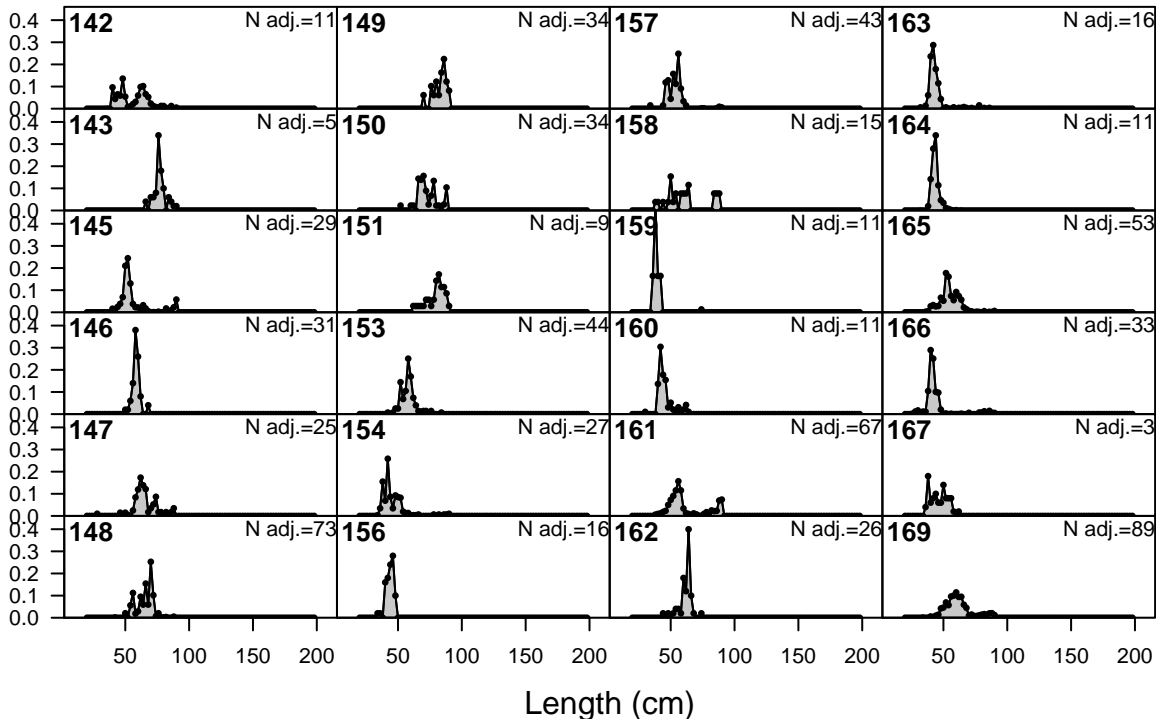
Proportion



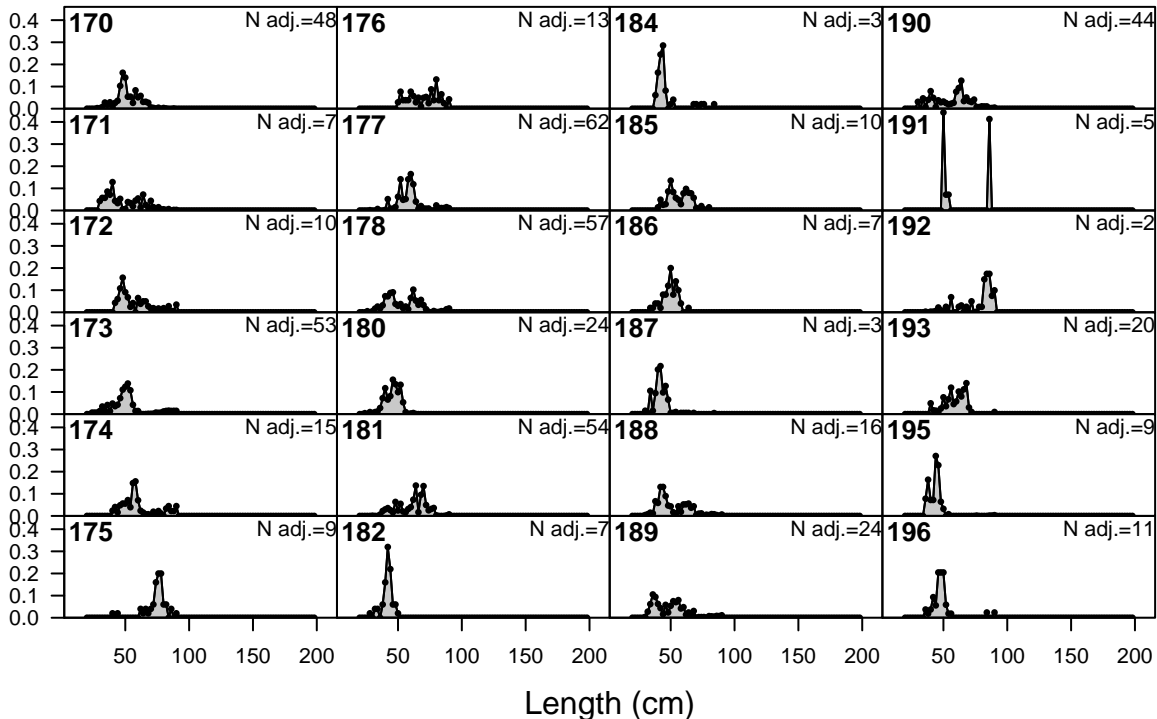
Proportion

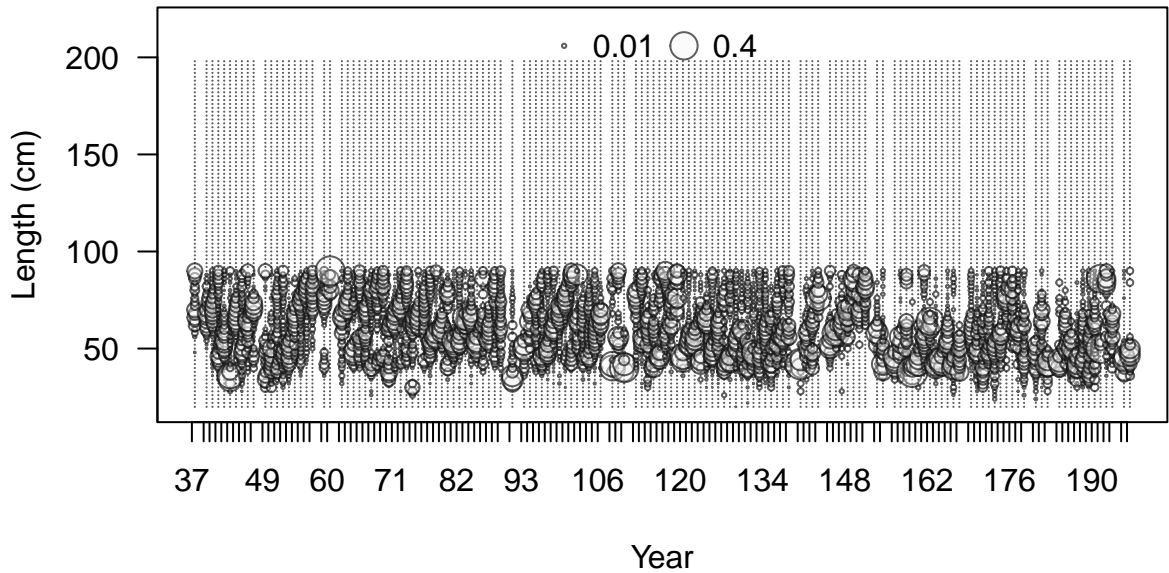


Proportion

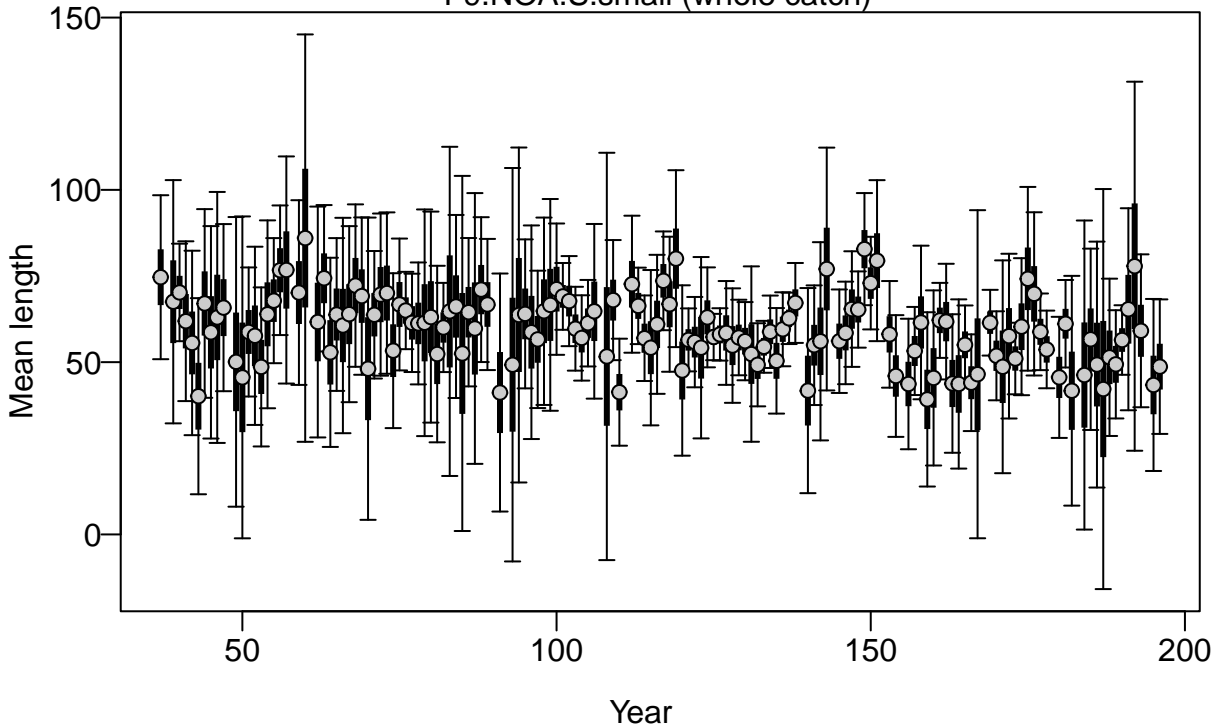


Proportion

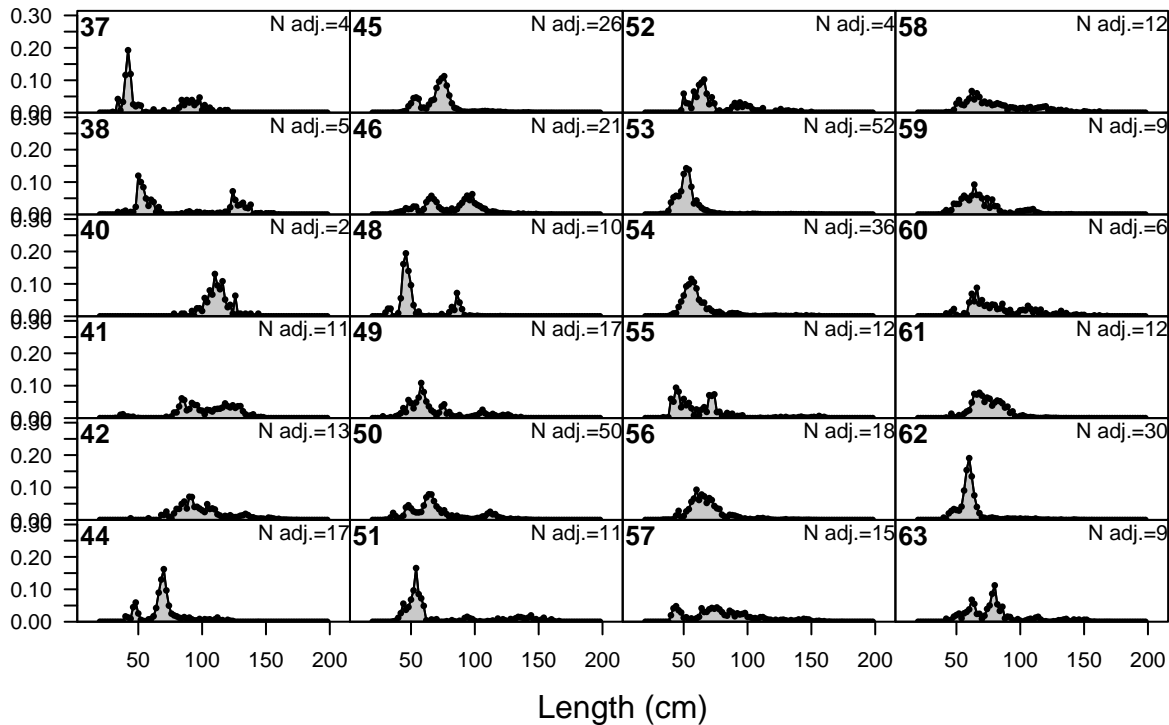




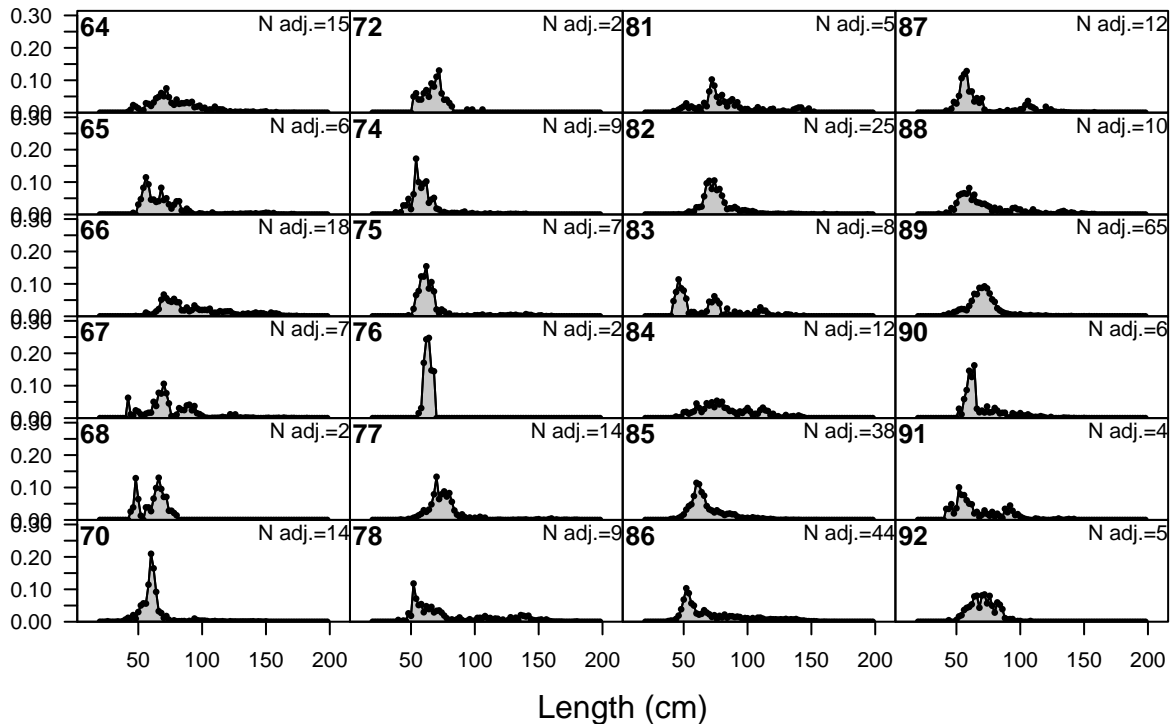
F9.NOA.S.small (whole catch)



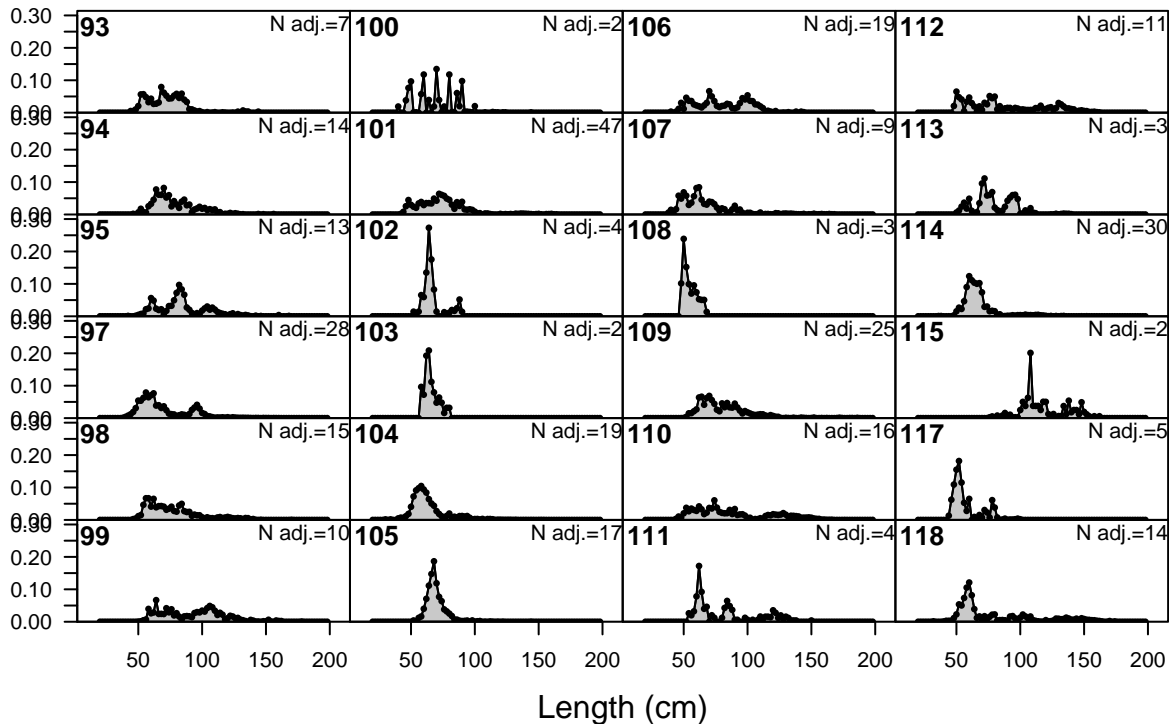
Proportion



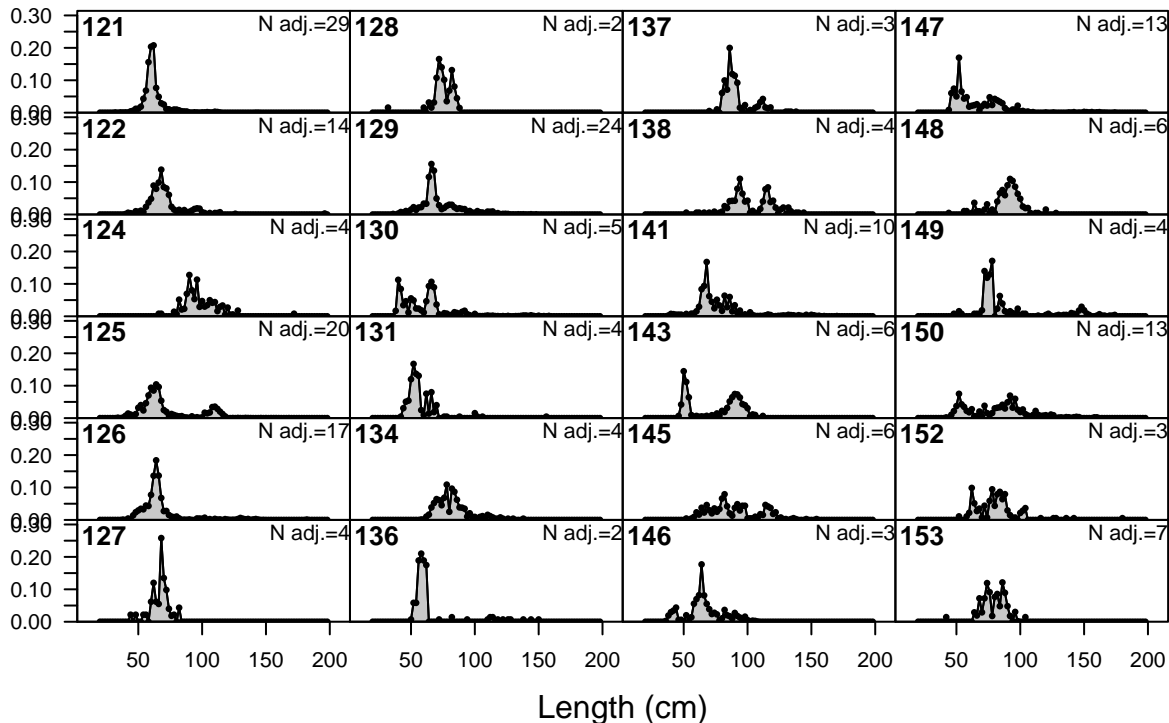
Proportion



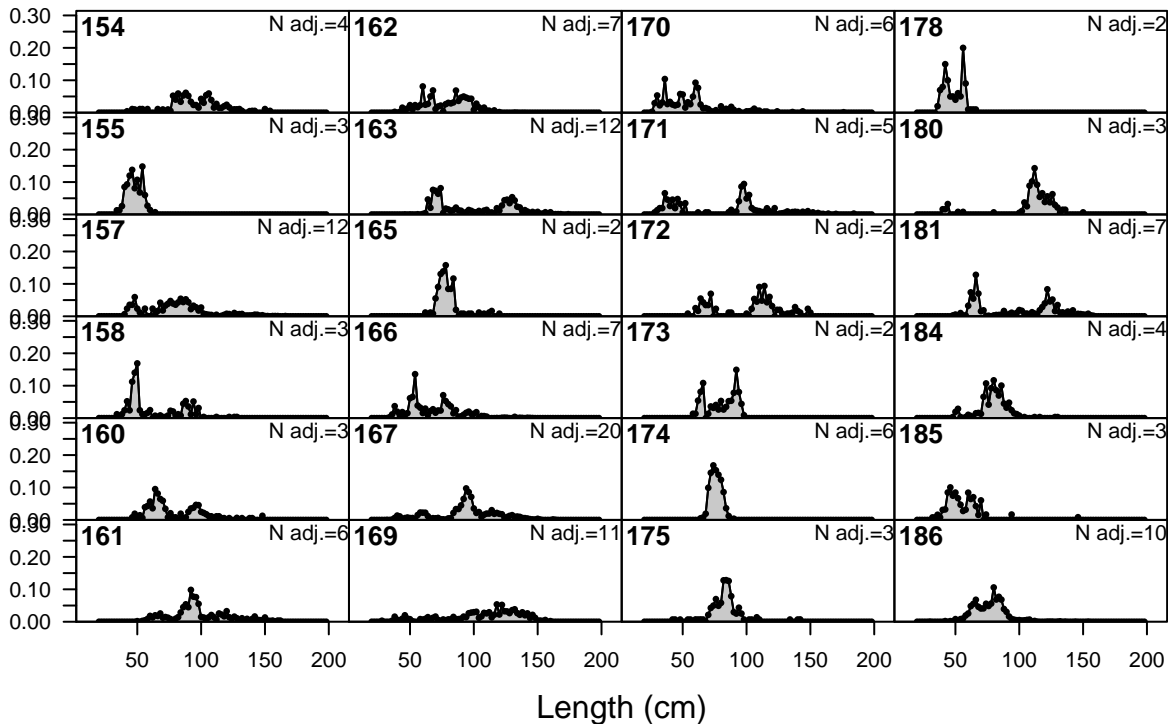
Proportion

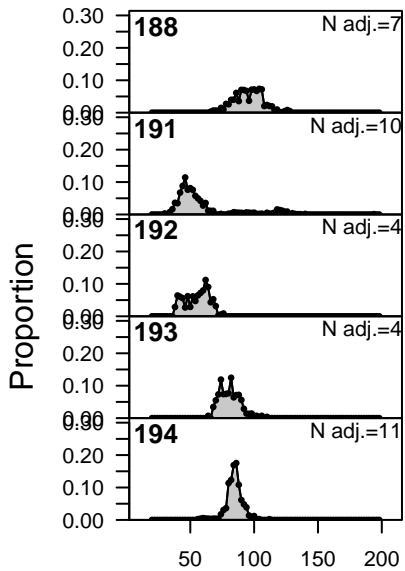


Proportion

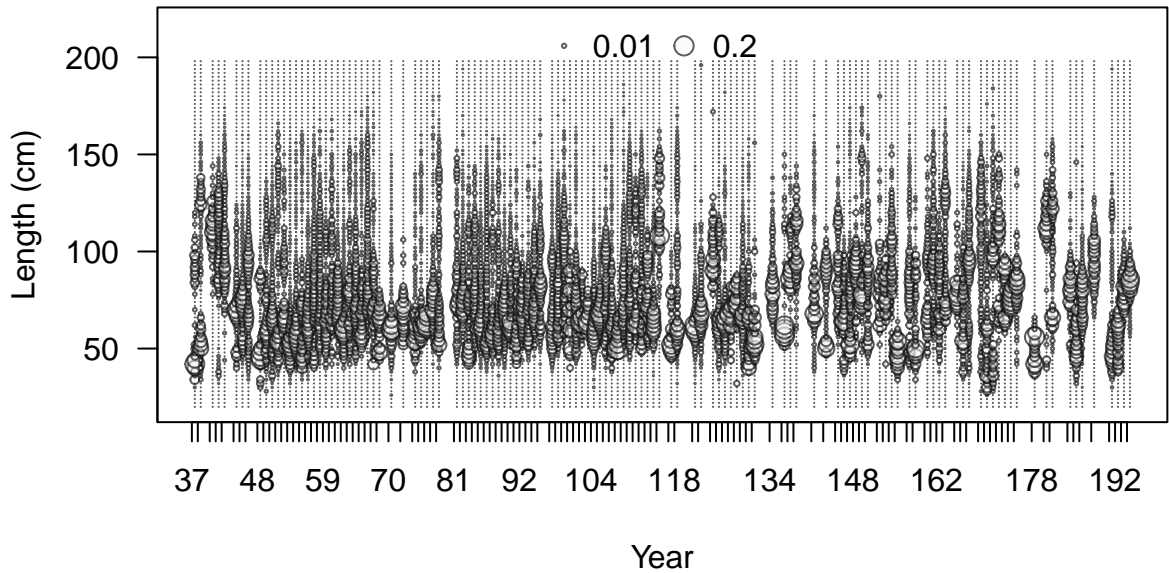


Proportion

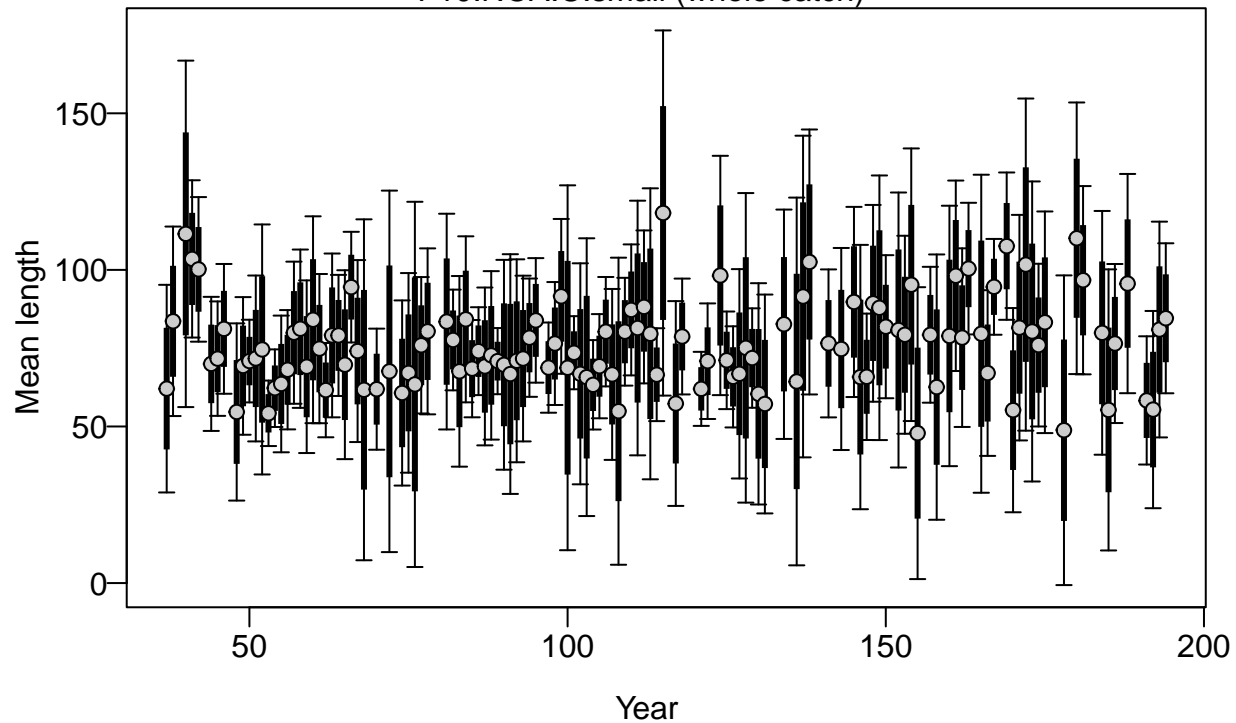




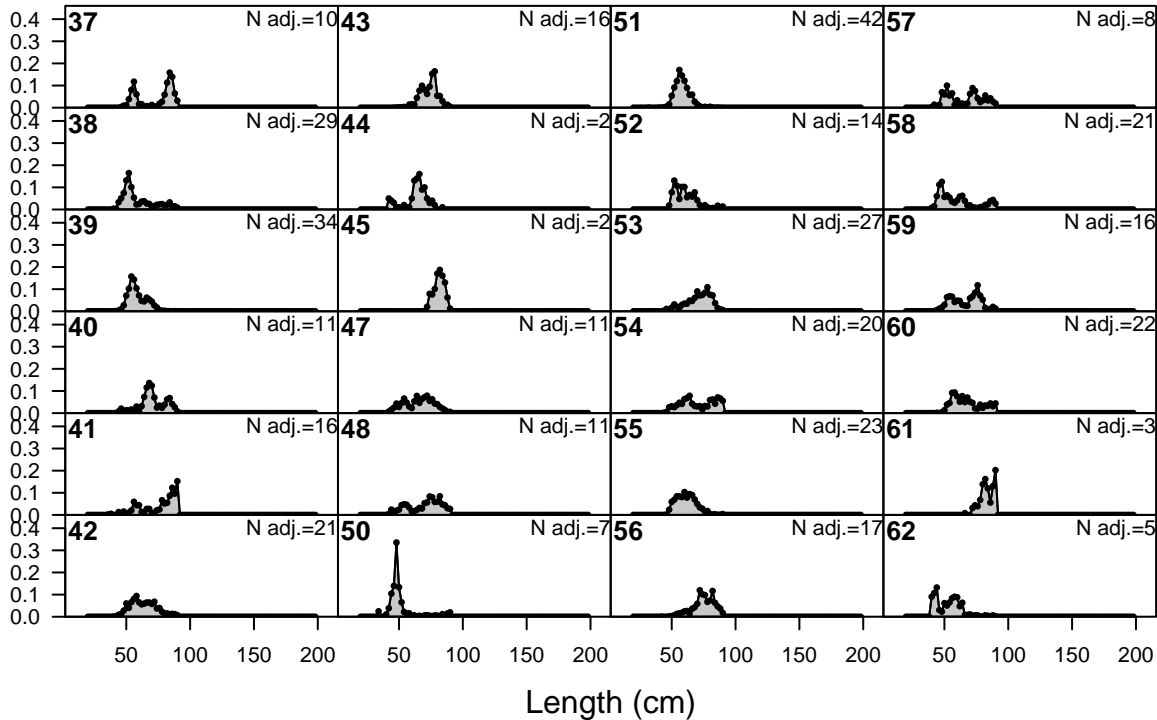
Length (cm)



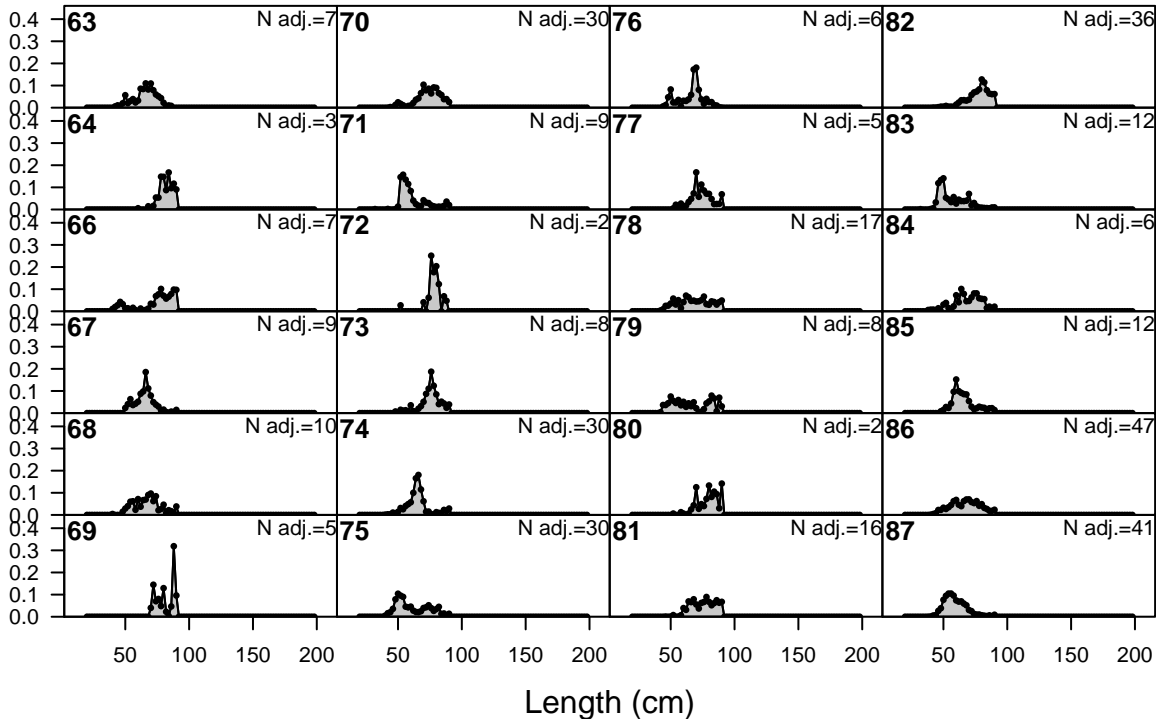
F10.NOA.C.small (whole catch)



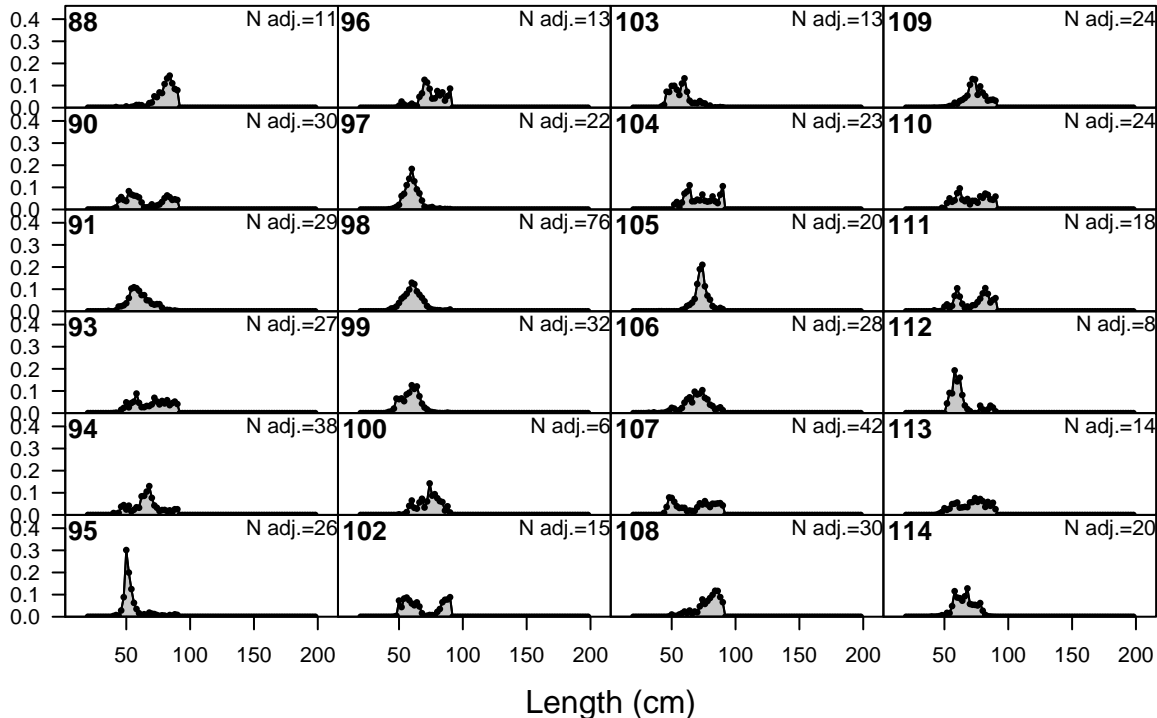
Proportion



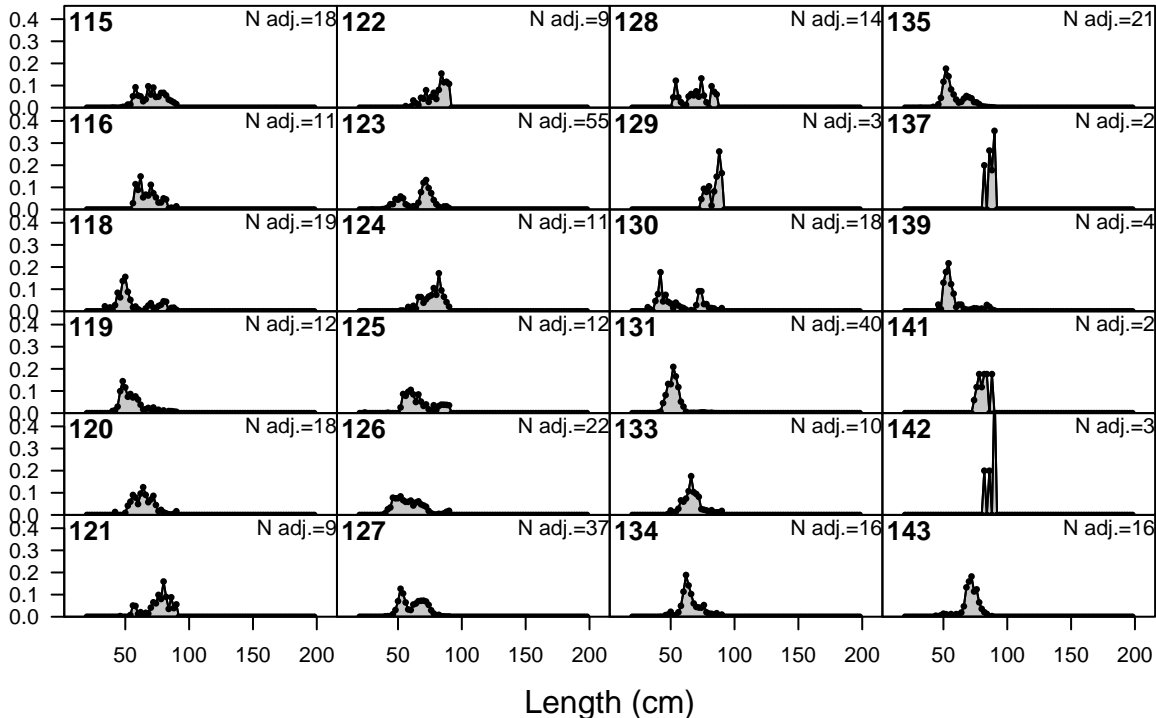
Proportion



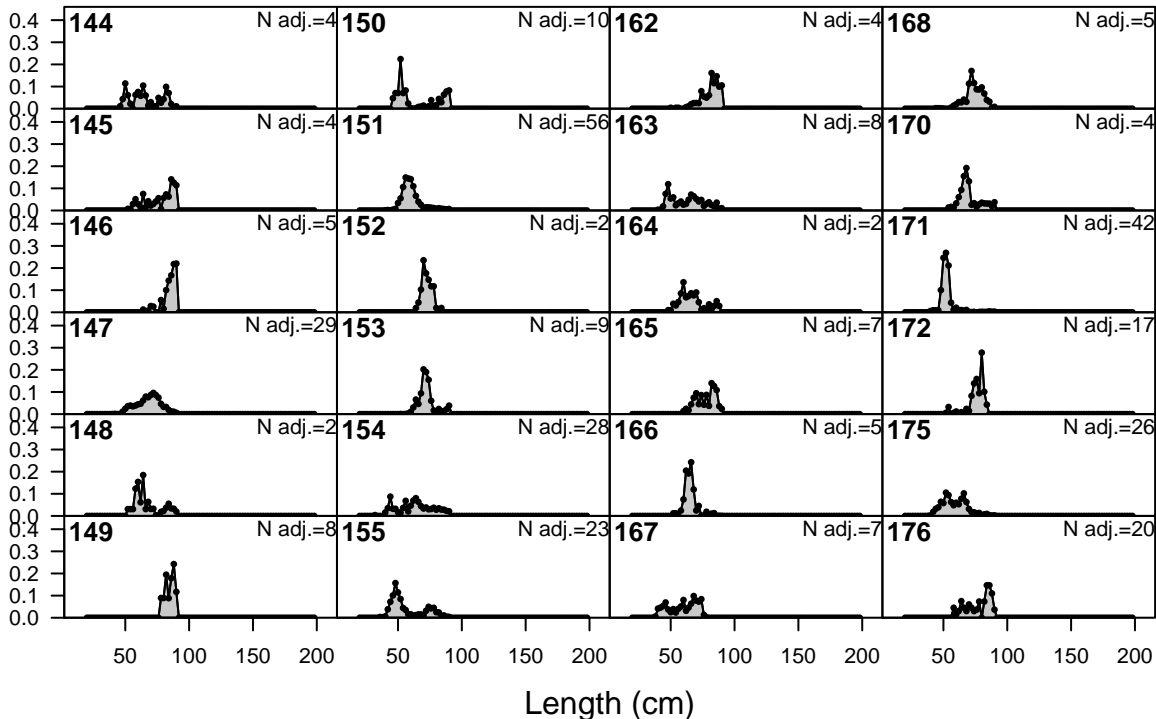
Proportion



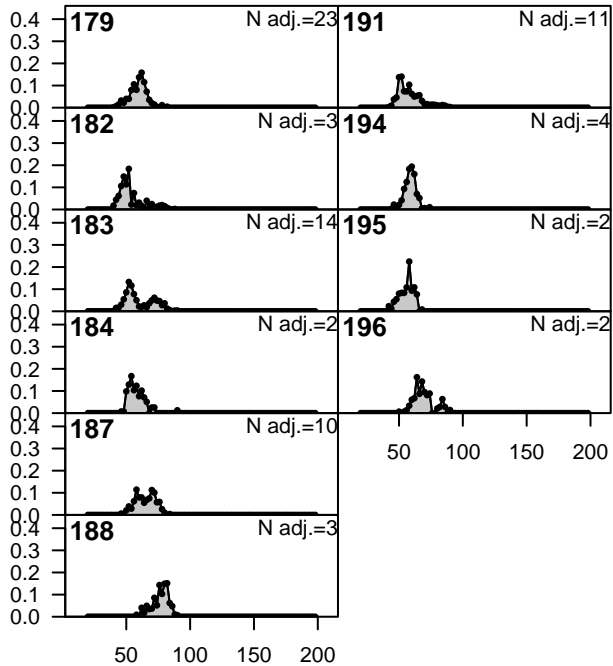
Proportion



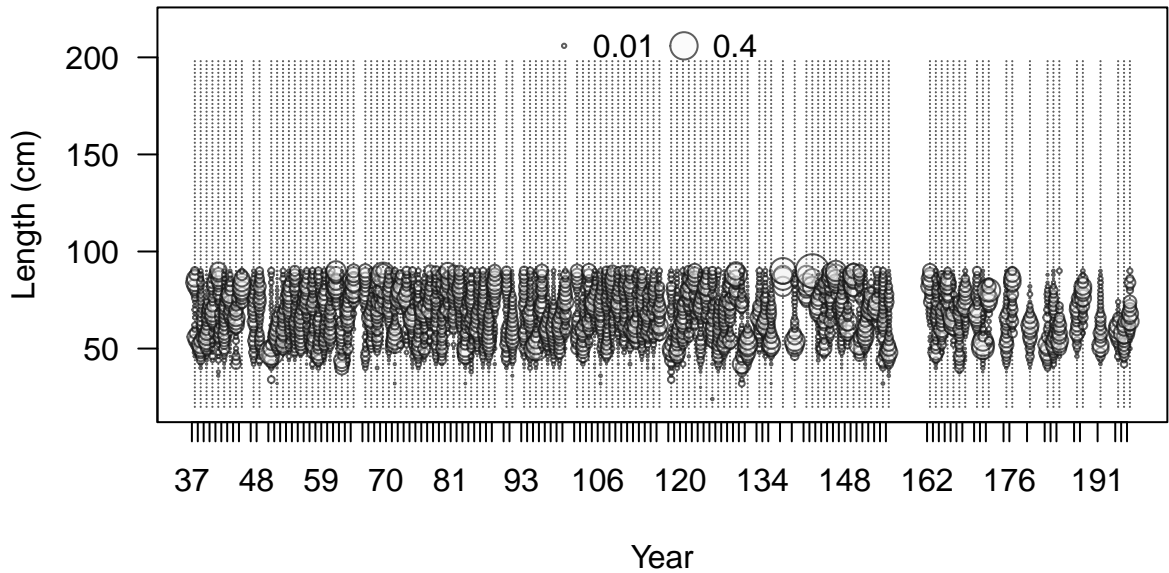
Proportion



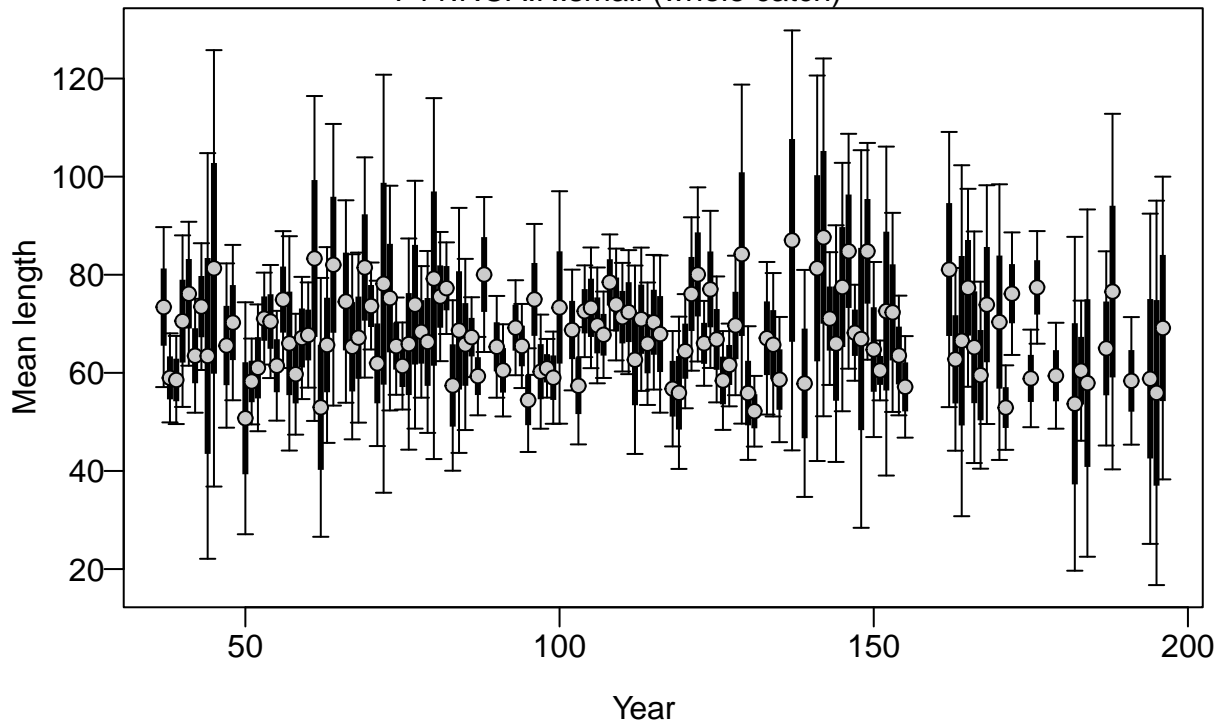
Proportion



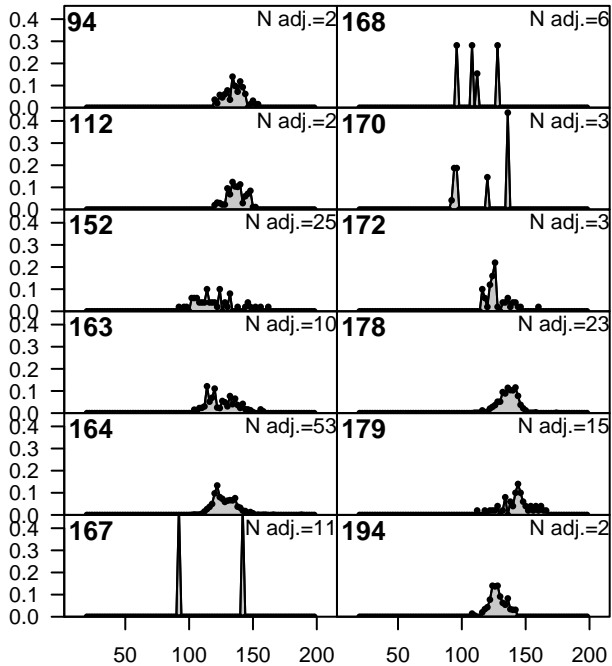
Length (cm)



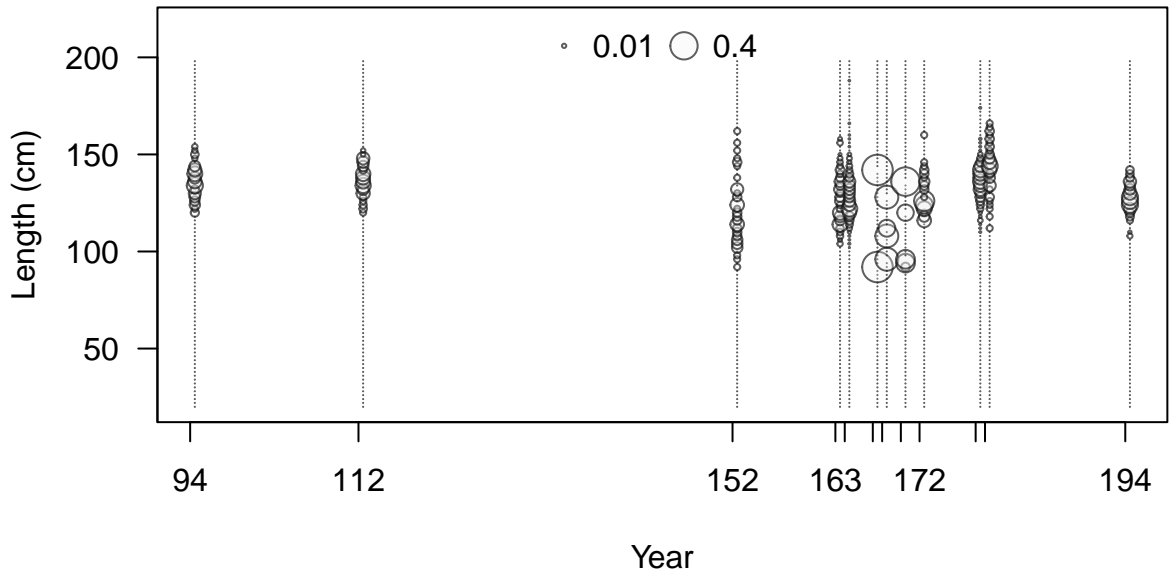
F11.NOA.N.small (whole catch)



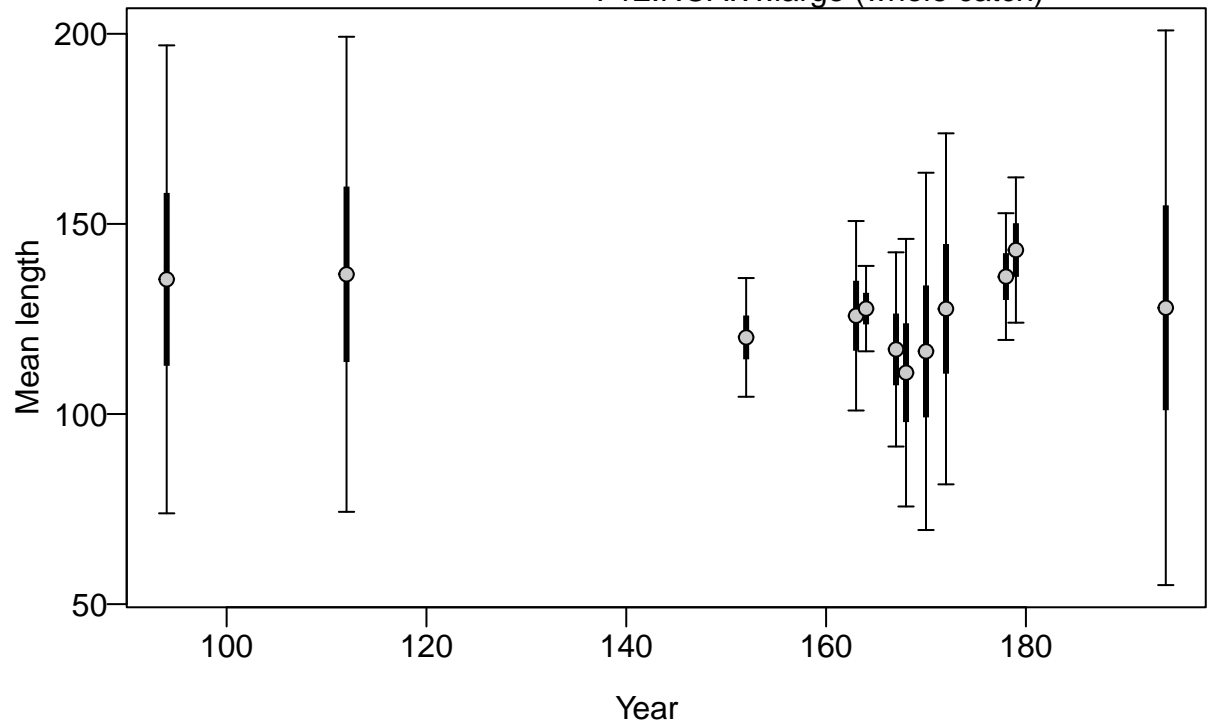
Proportion



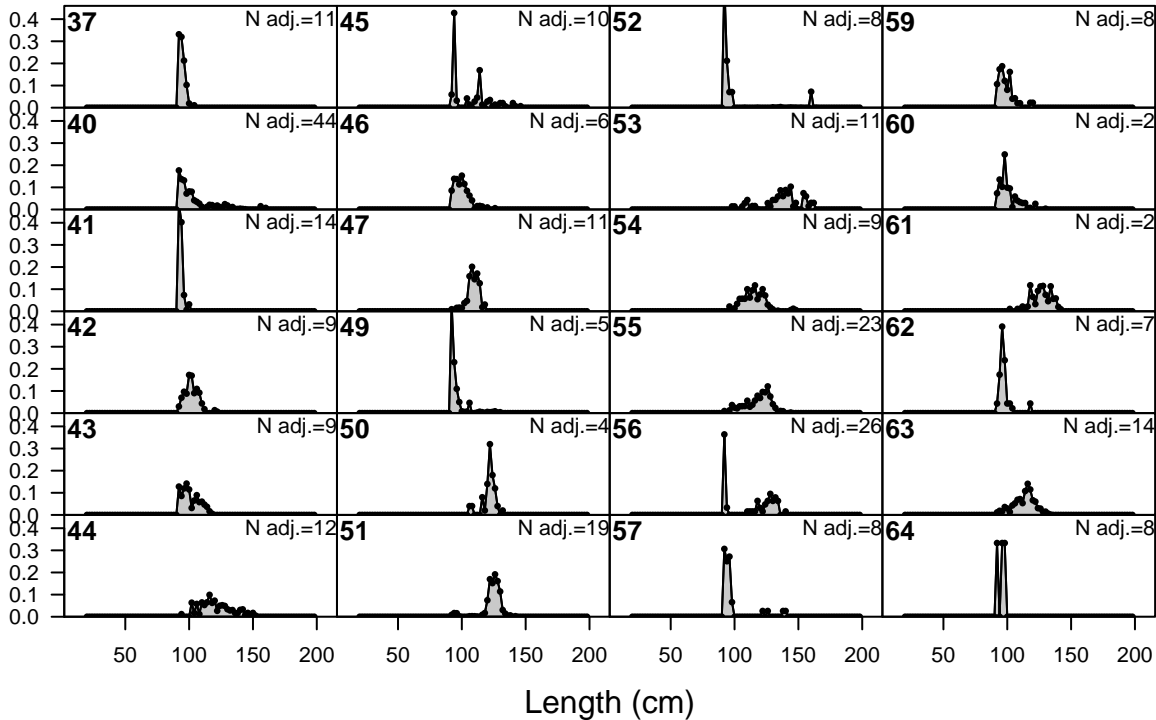
Length (cm)



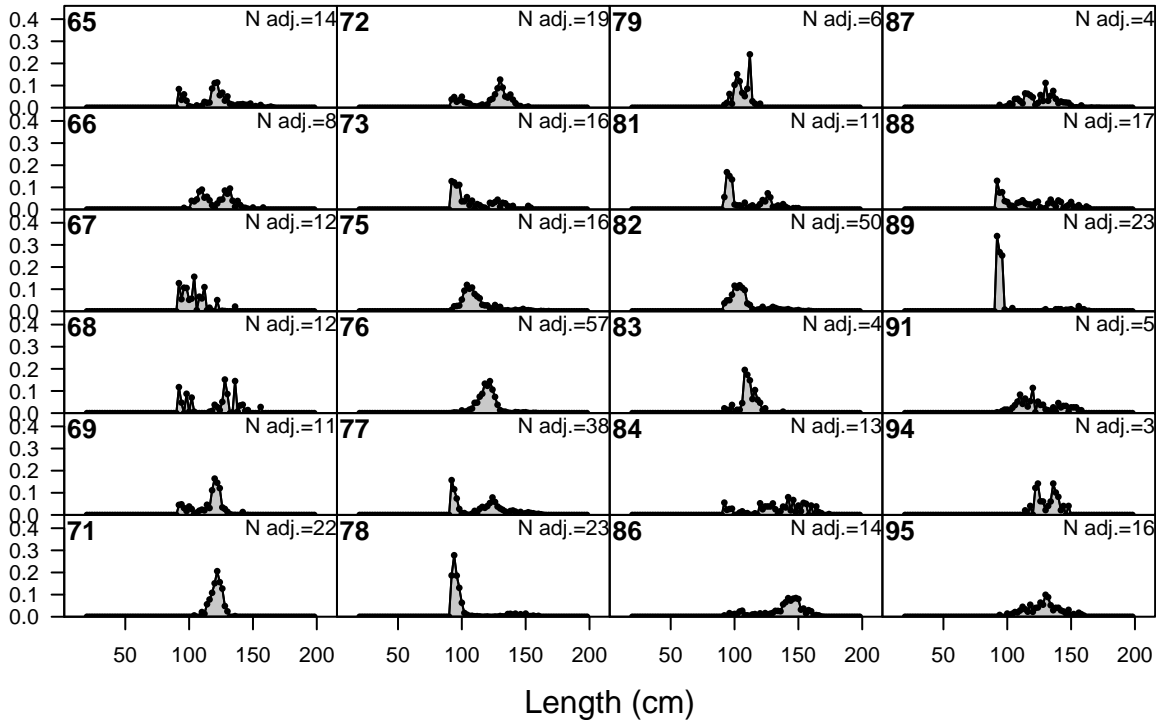
F12.NOA.W.large (whole catch)



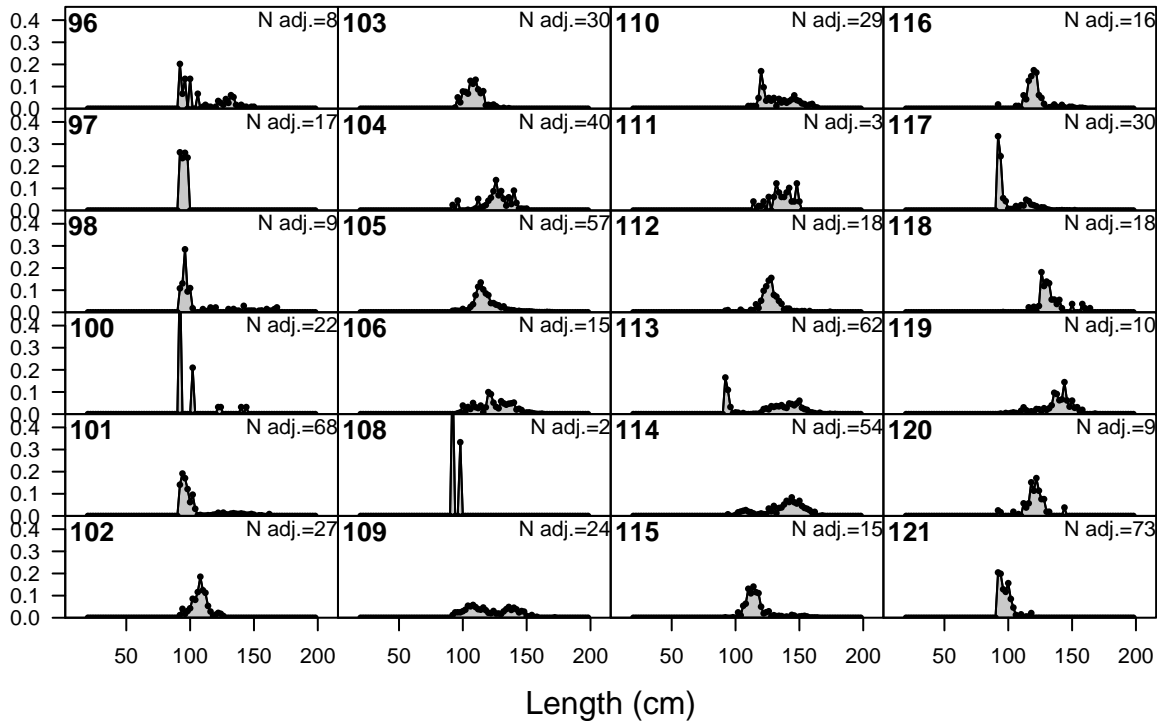
Proportion



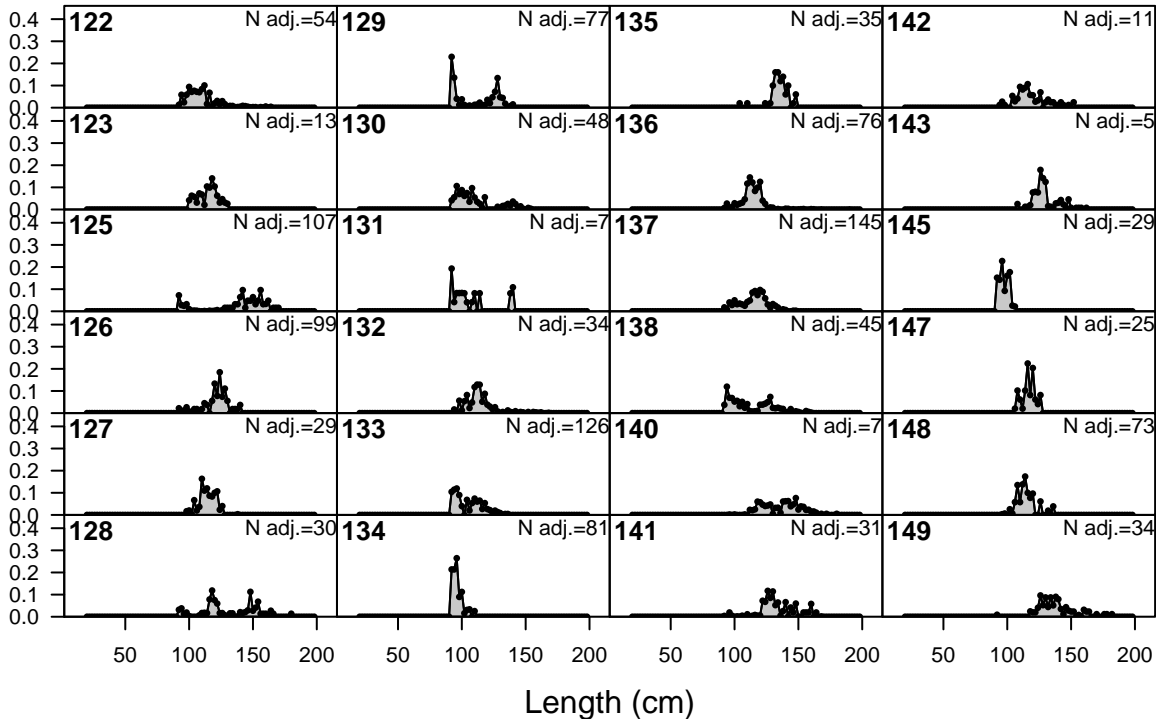
Proportion



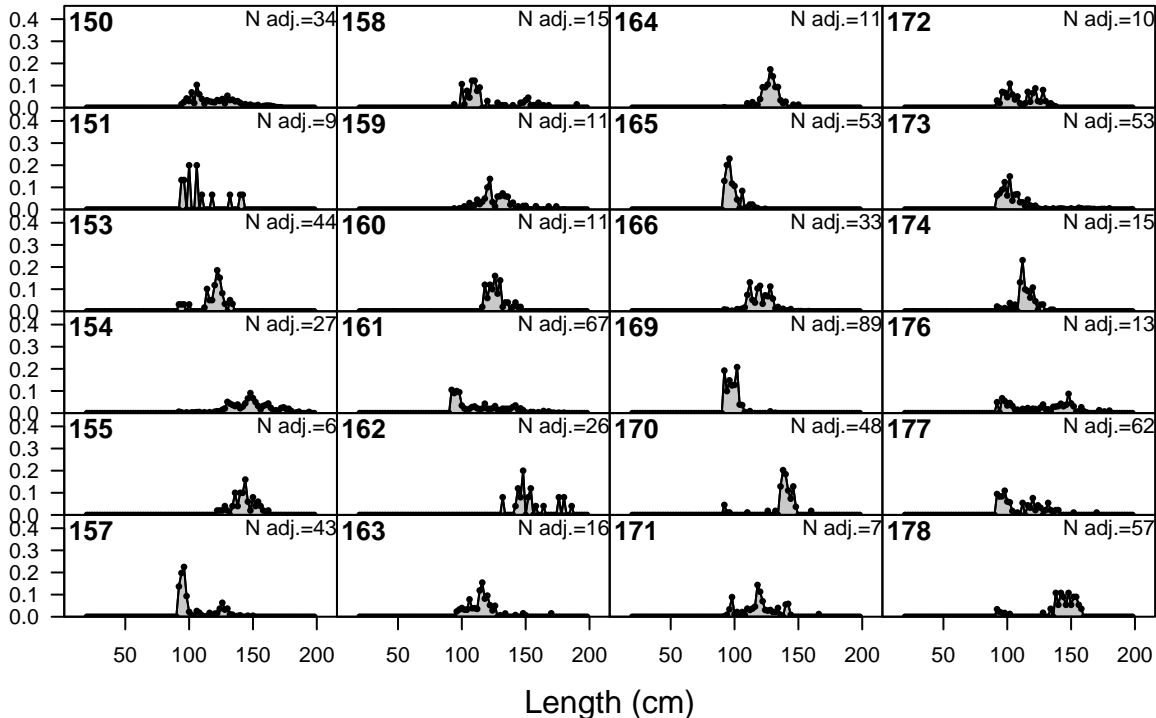
Proportion



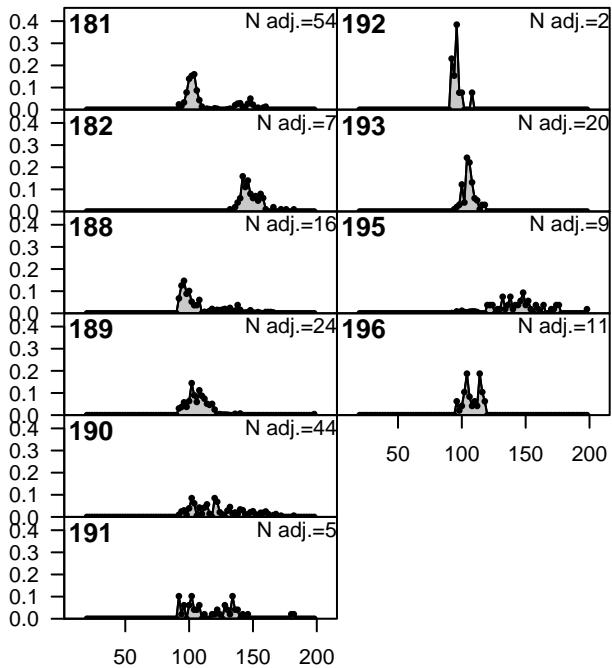
Proportion



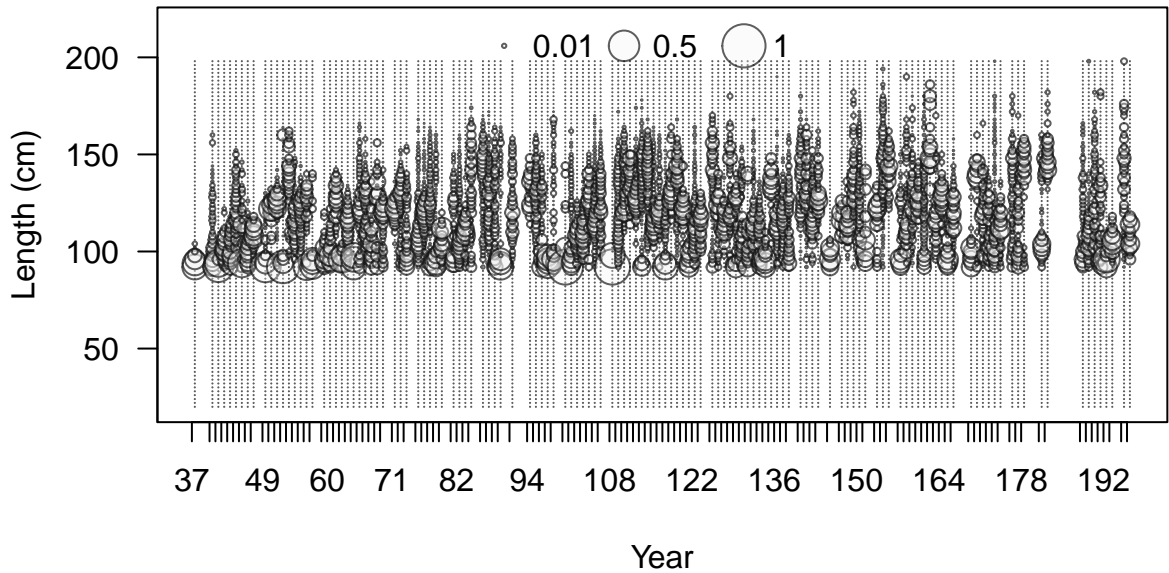
Proportion



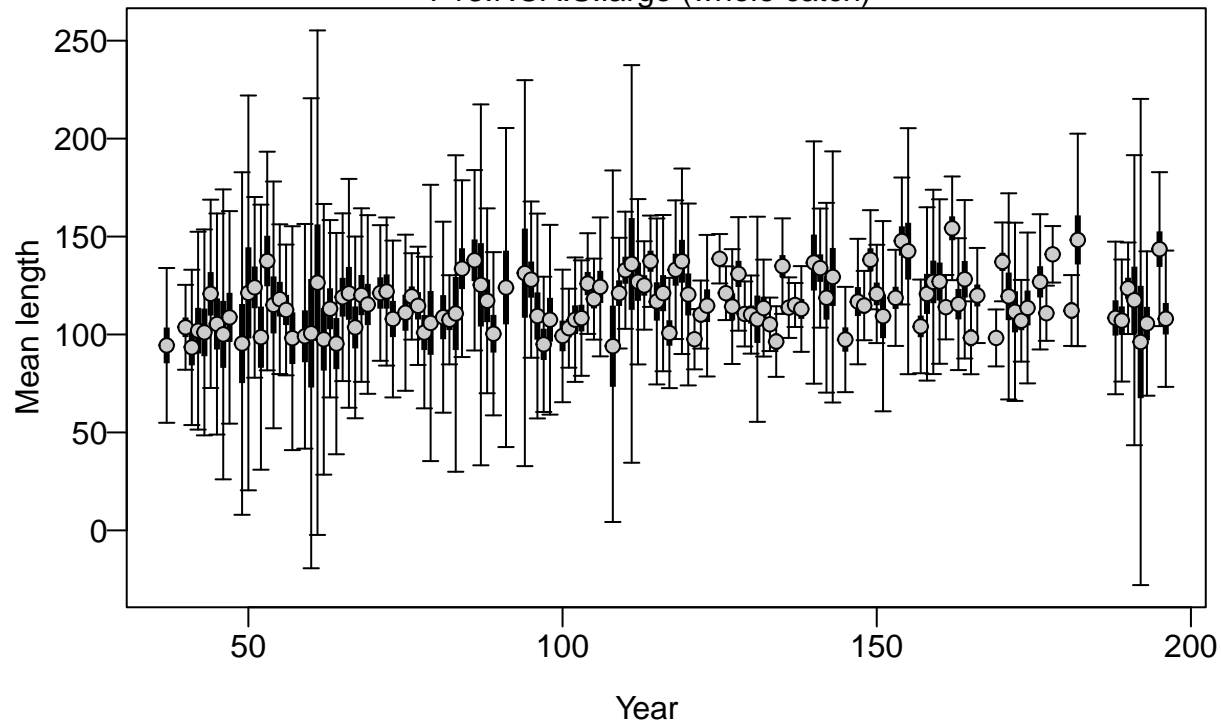
Proportion



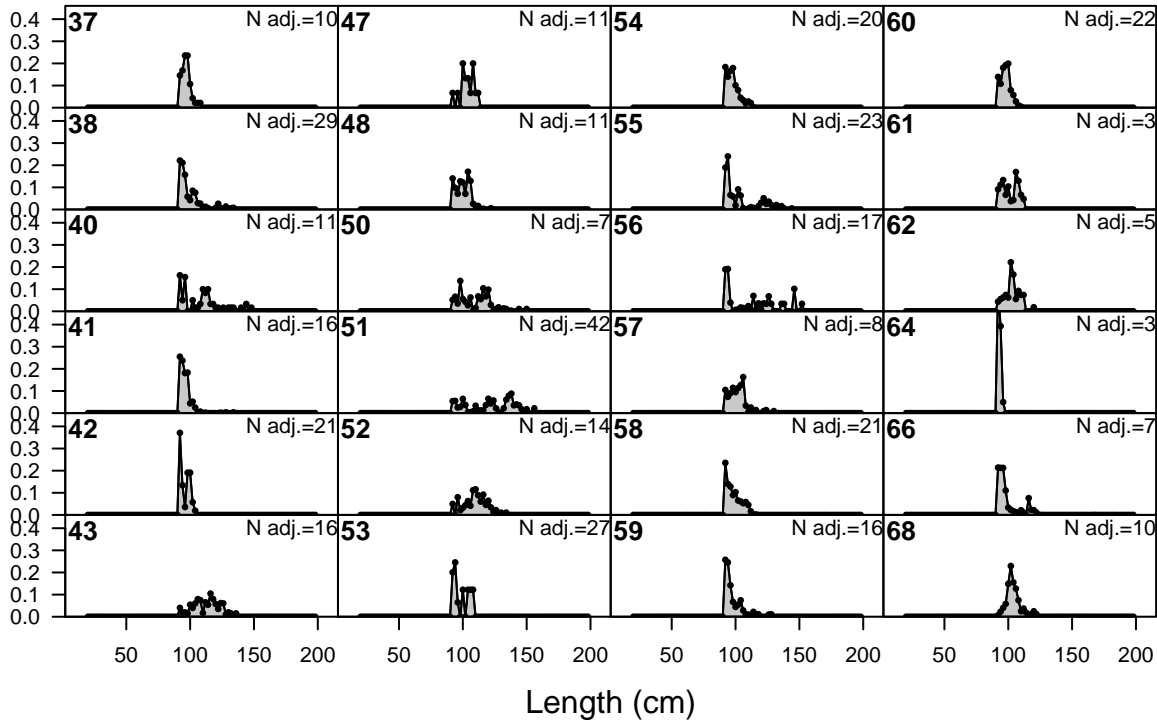
Length (cm)



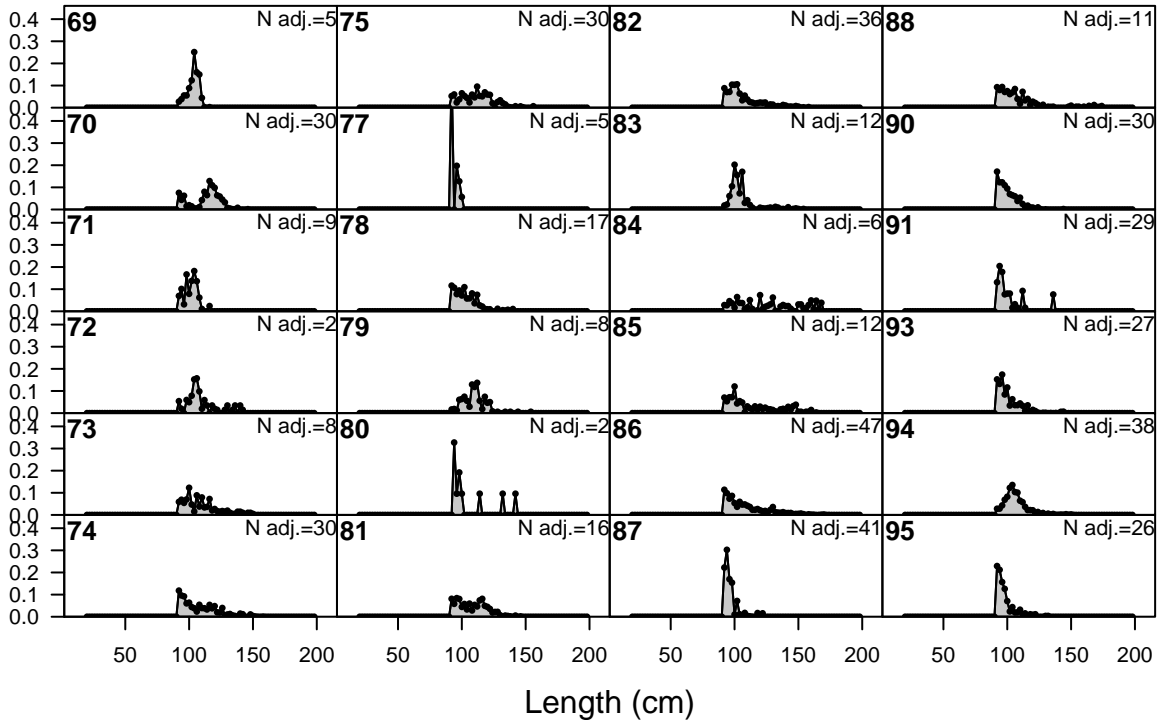
F13.NOA.S.large (whole catch)



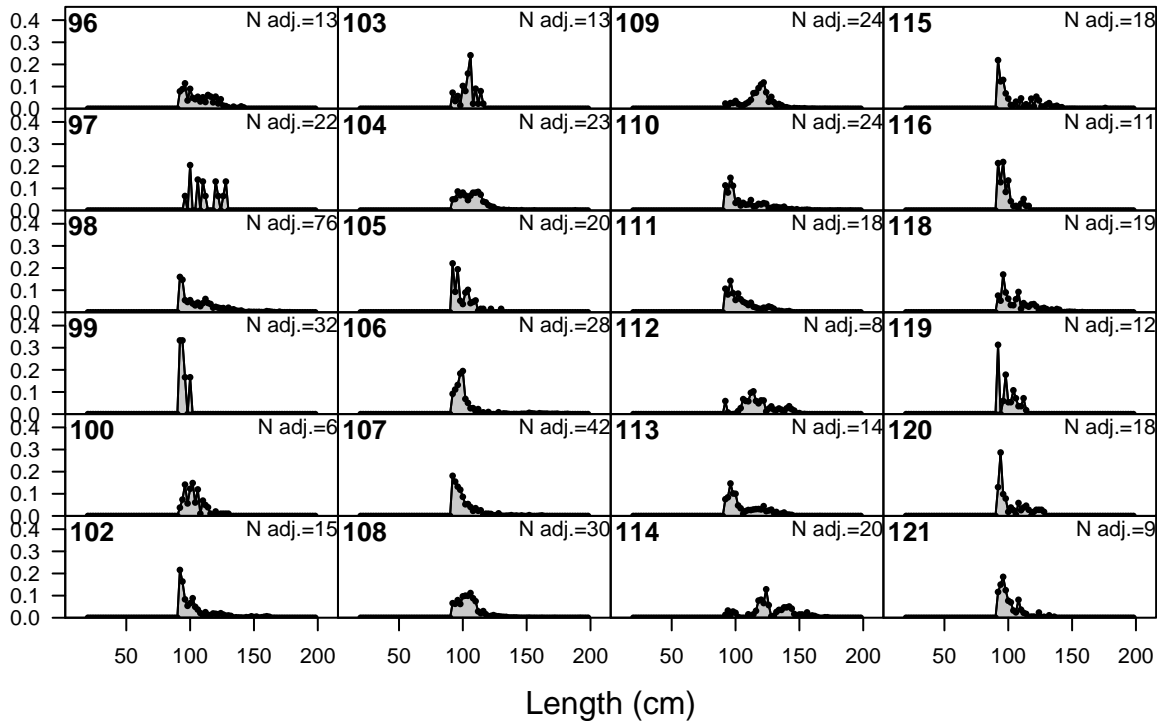
Proportion



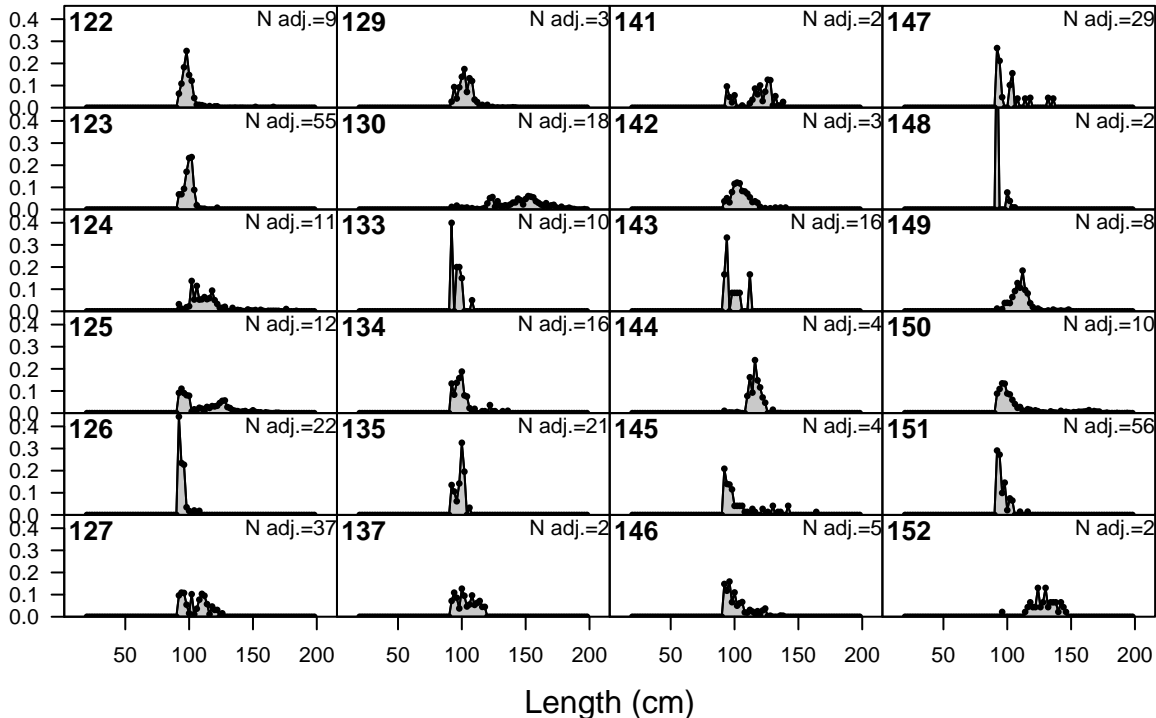
Proportion



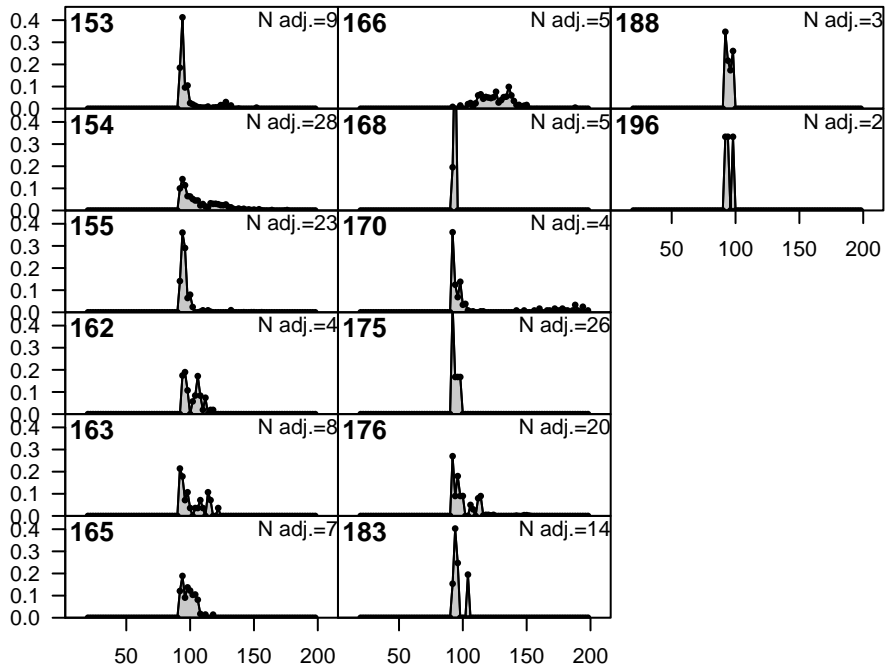
Proportion



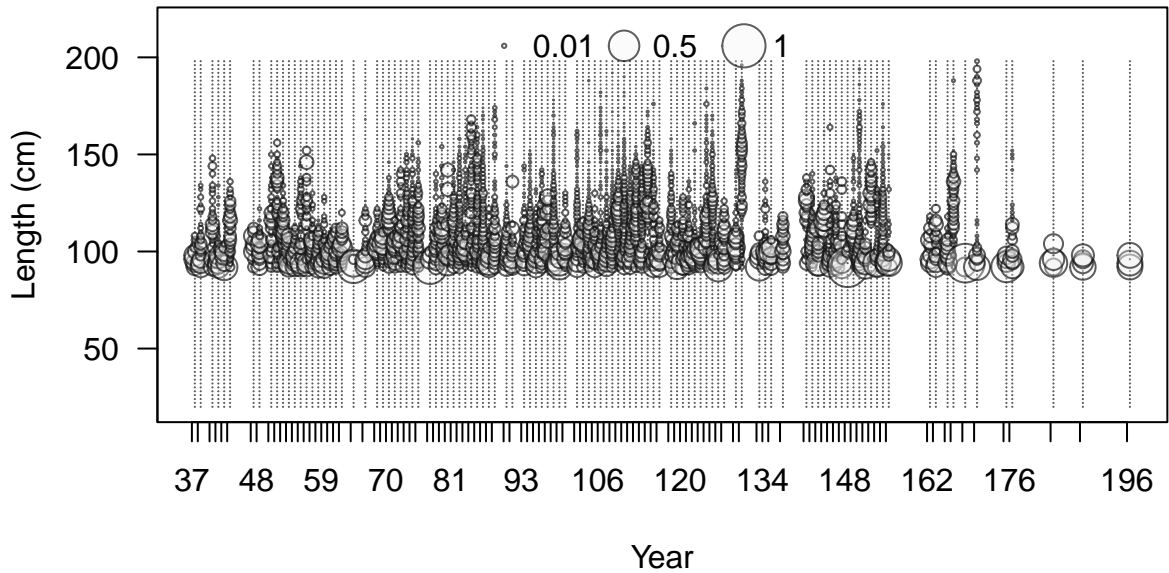
Proportion



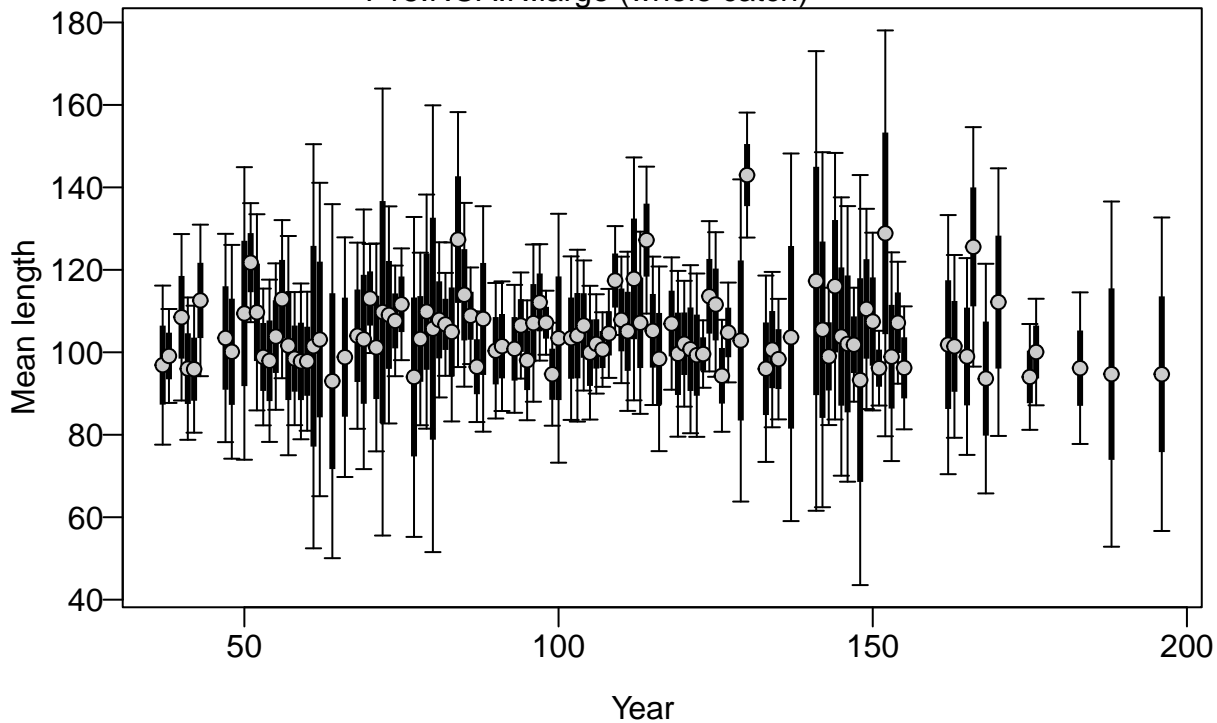
Proportion



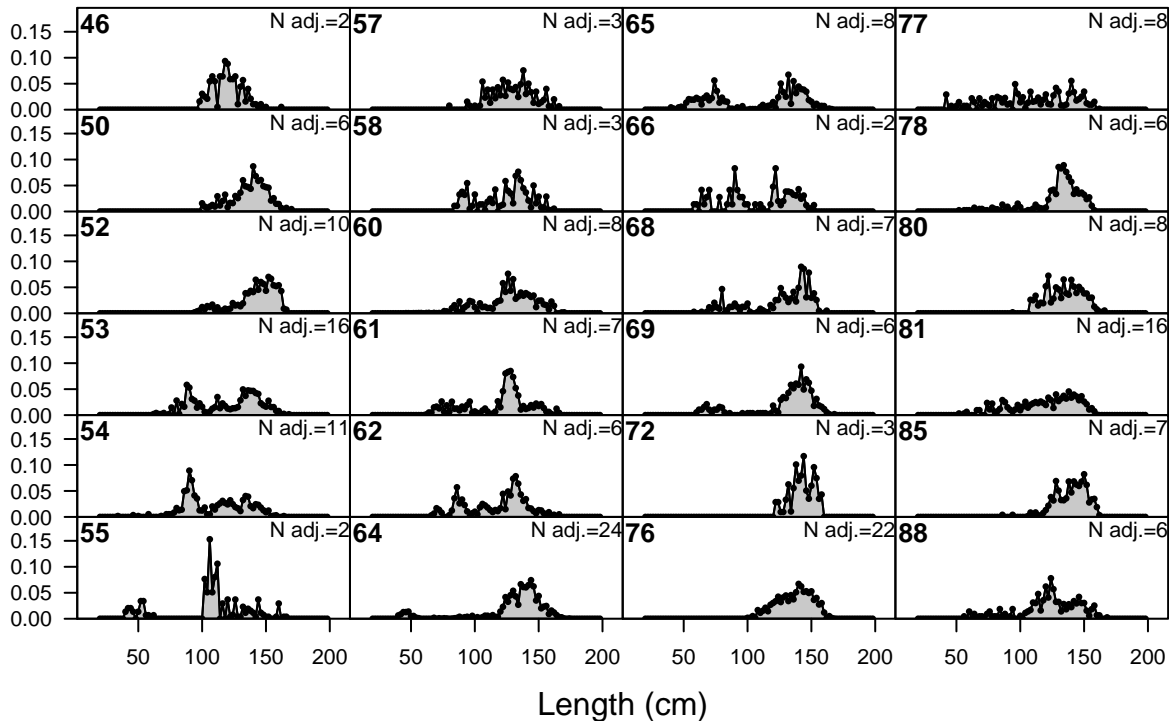
Length (cm)



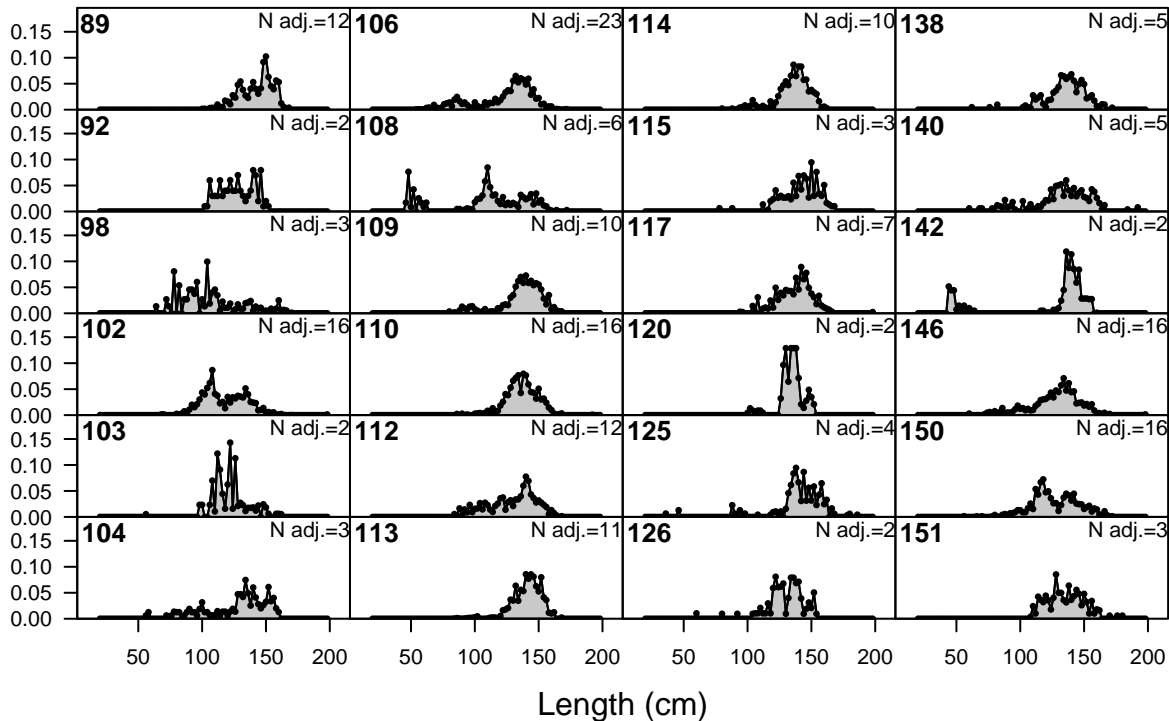
F15.NOA.N.large (whole catch)



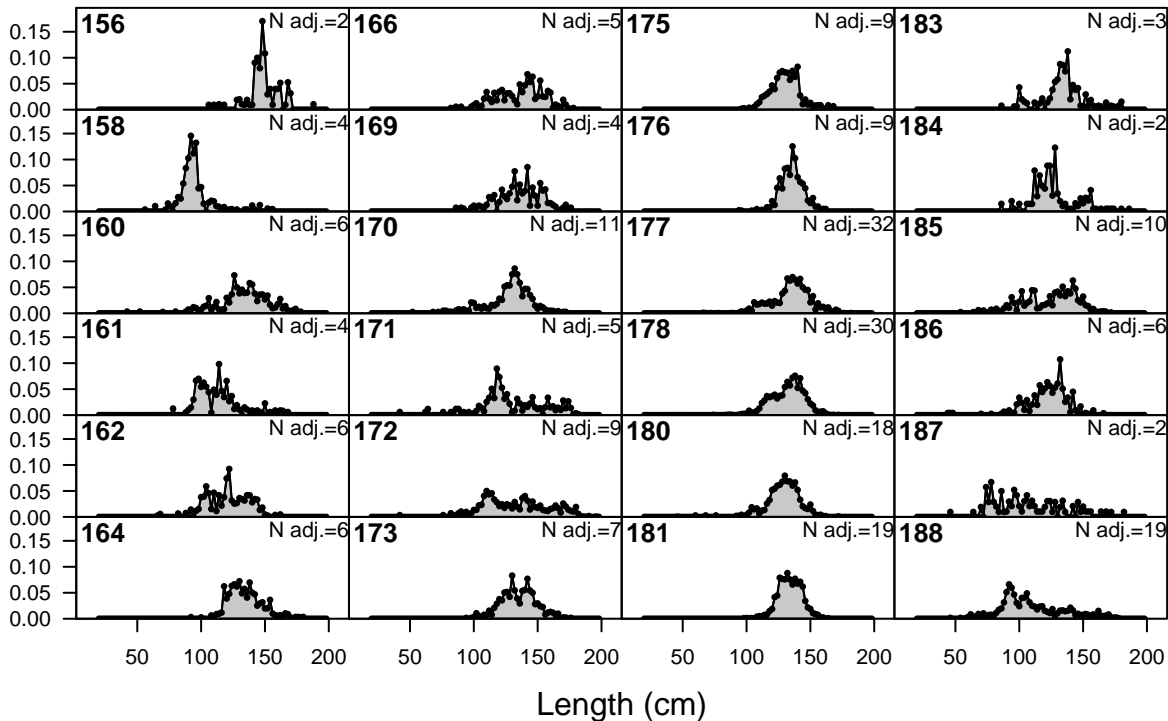
Proportion



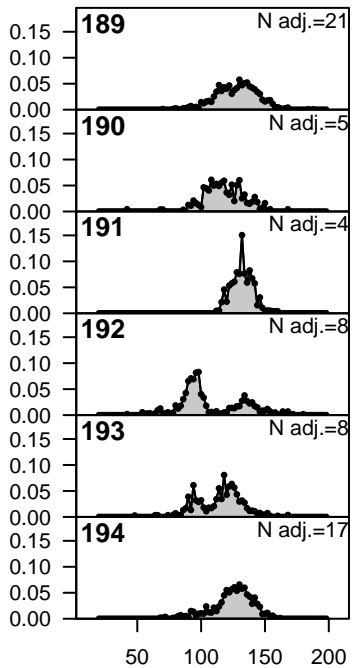
Proportion



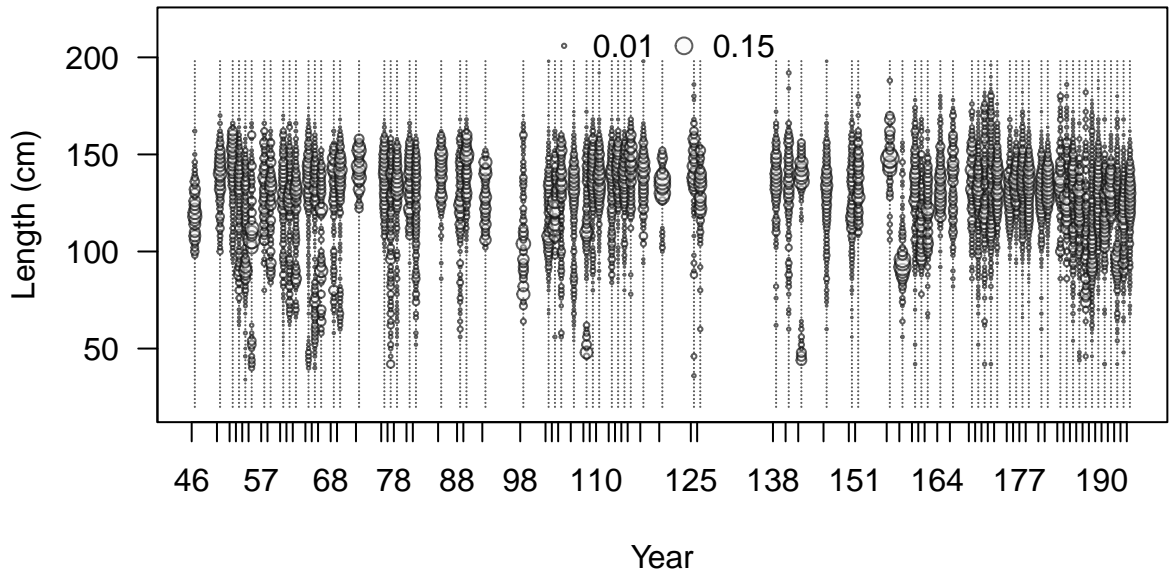
Proportion



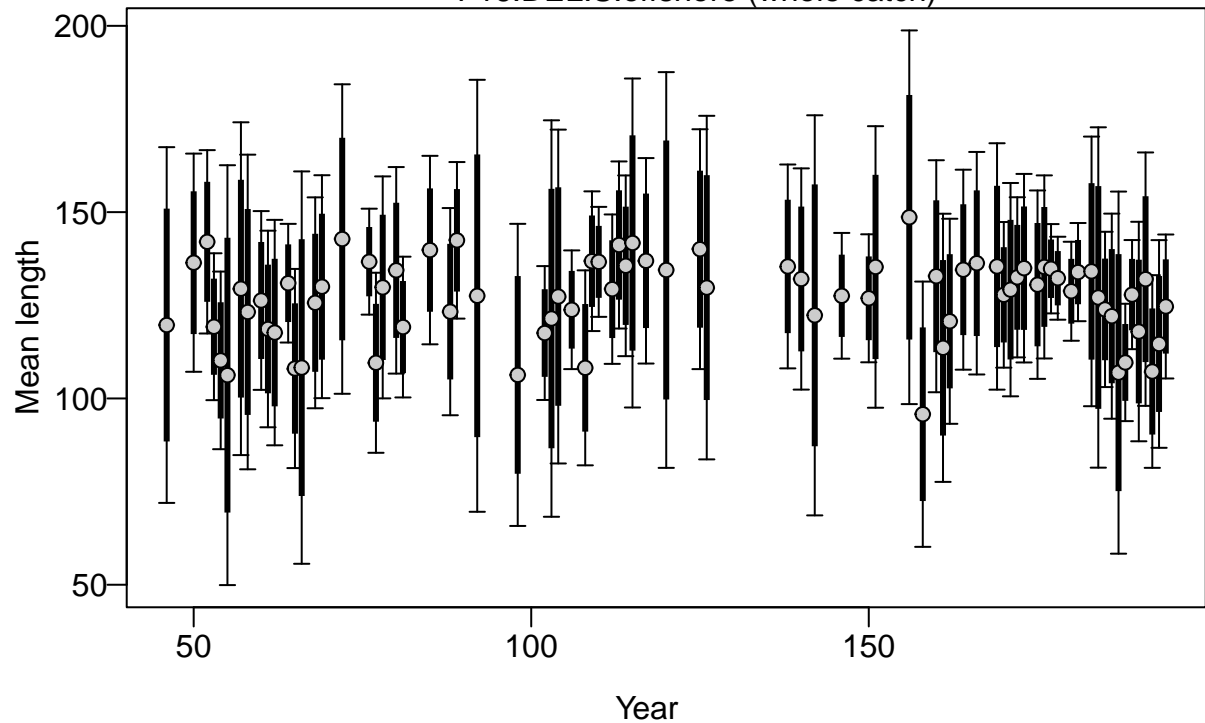
Proportion



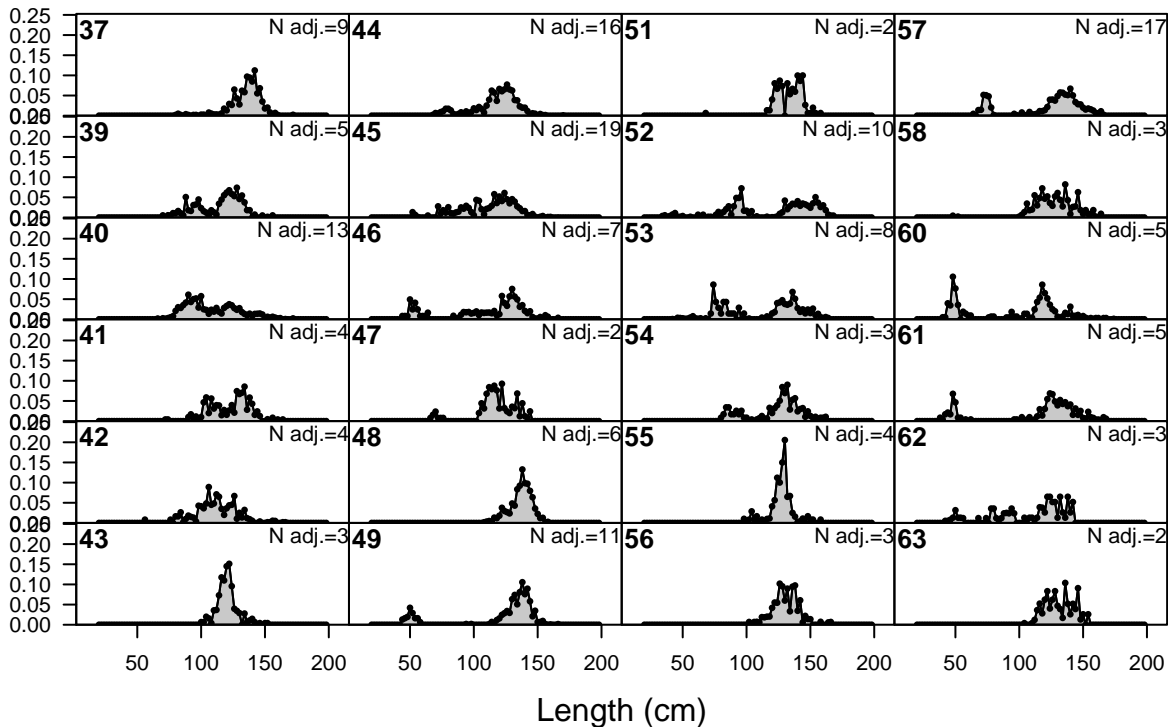
Length (cm)



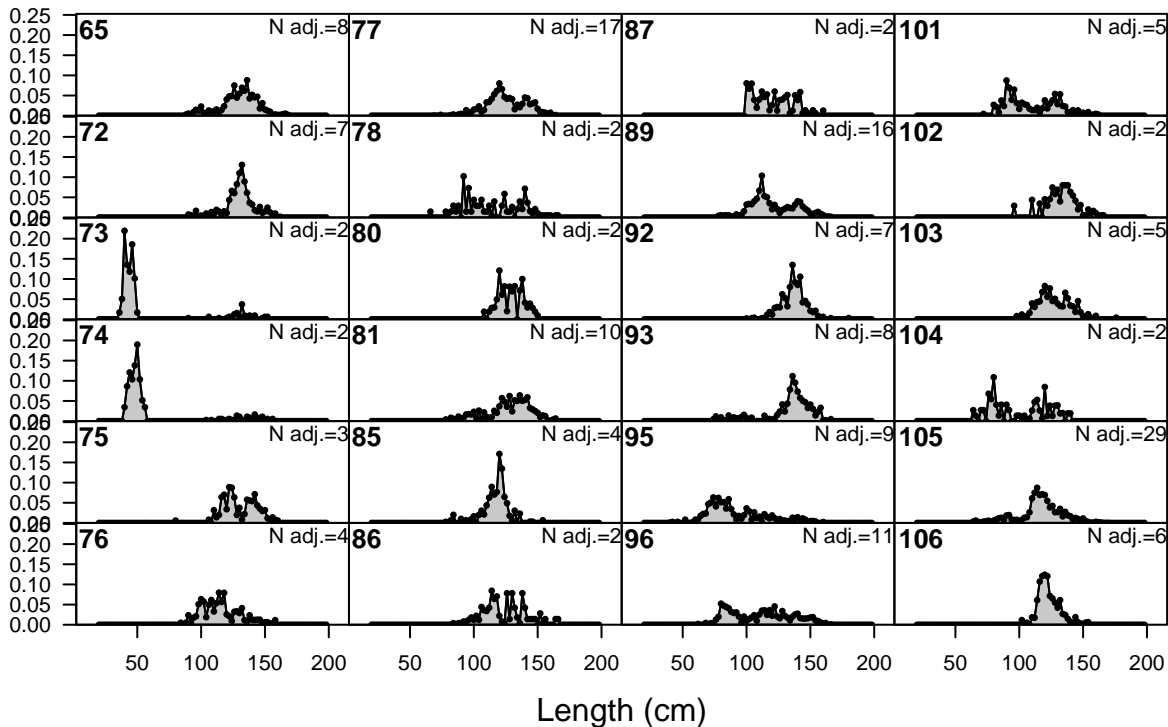
F16.DEL.S.offshore (whole catch)



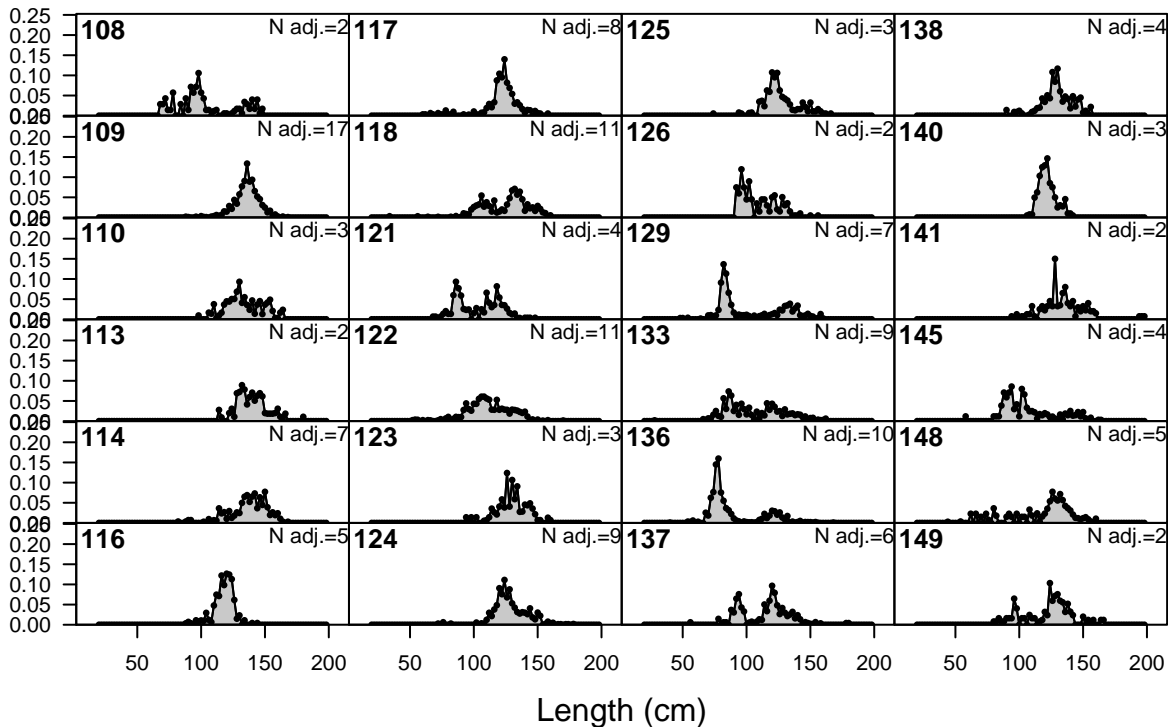
Proportion



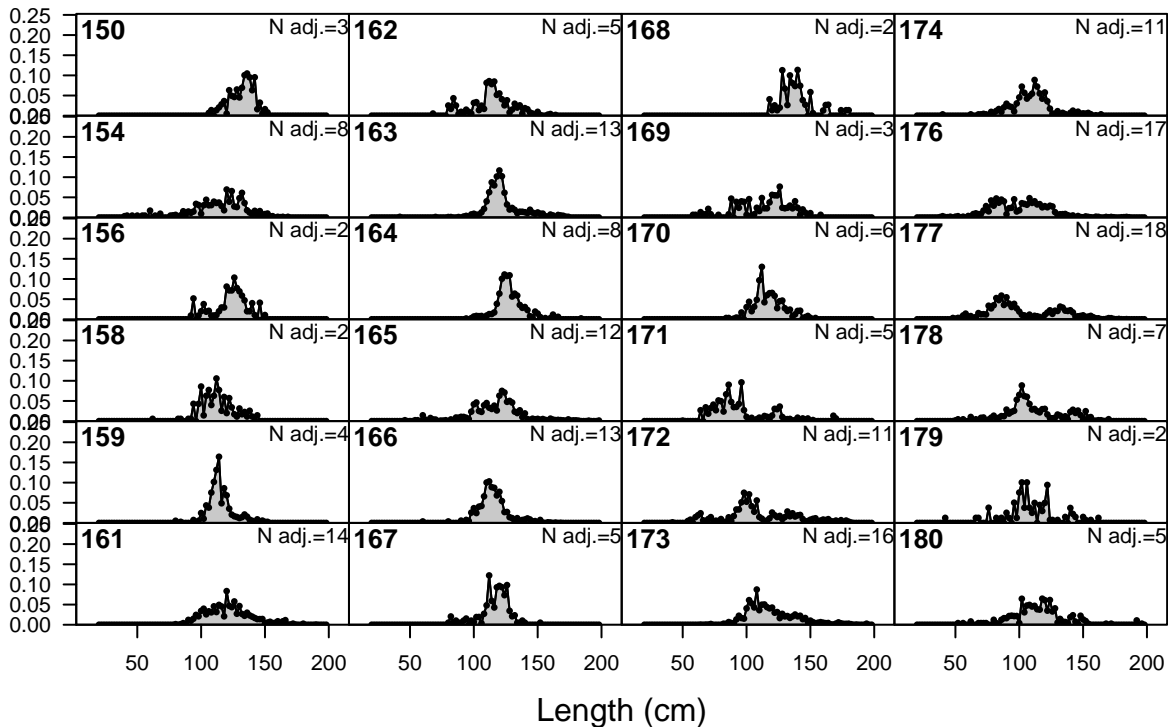
Proportion



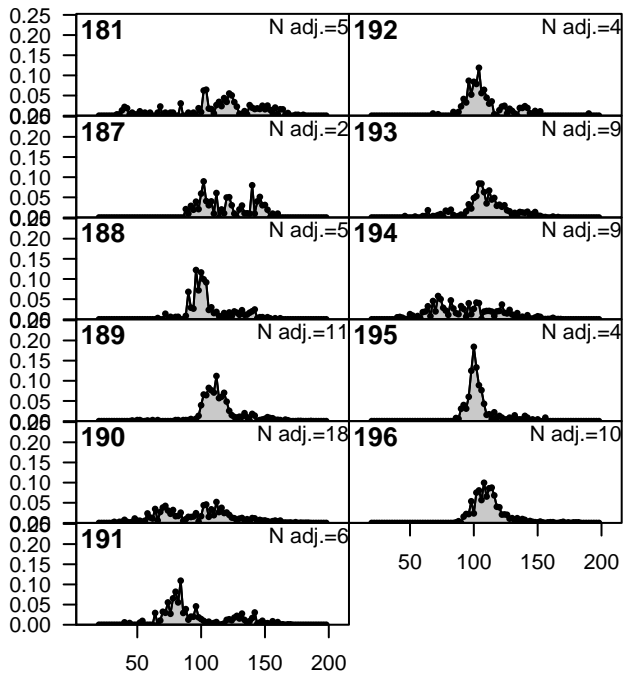
Proportion



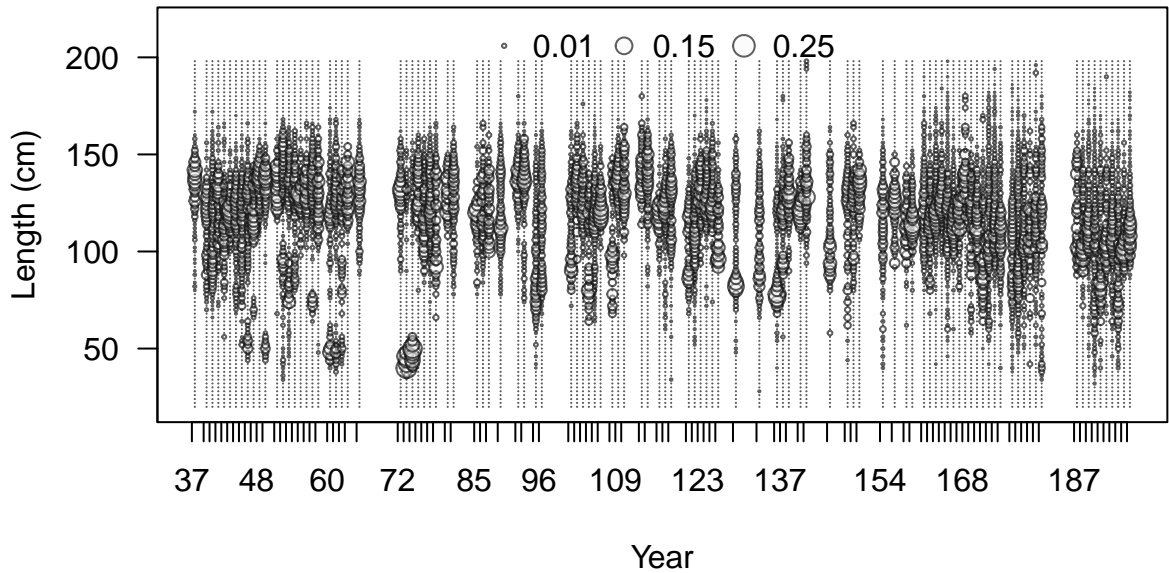
Proportion



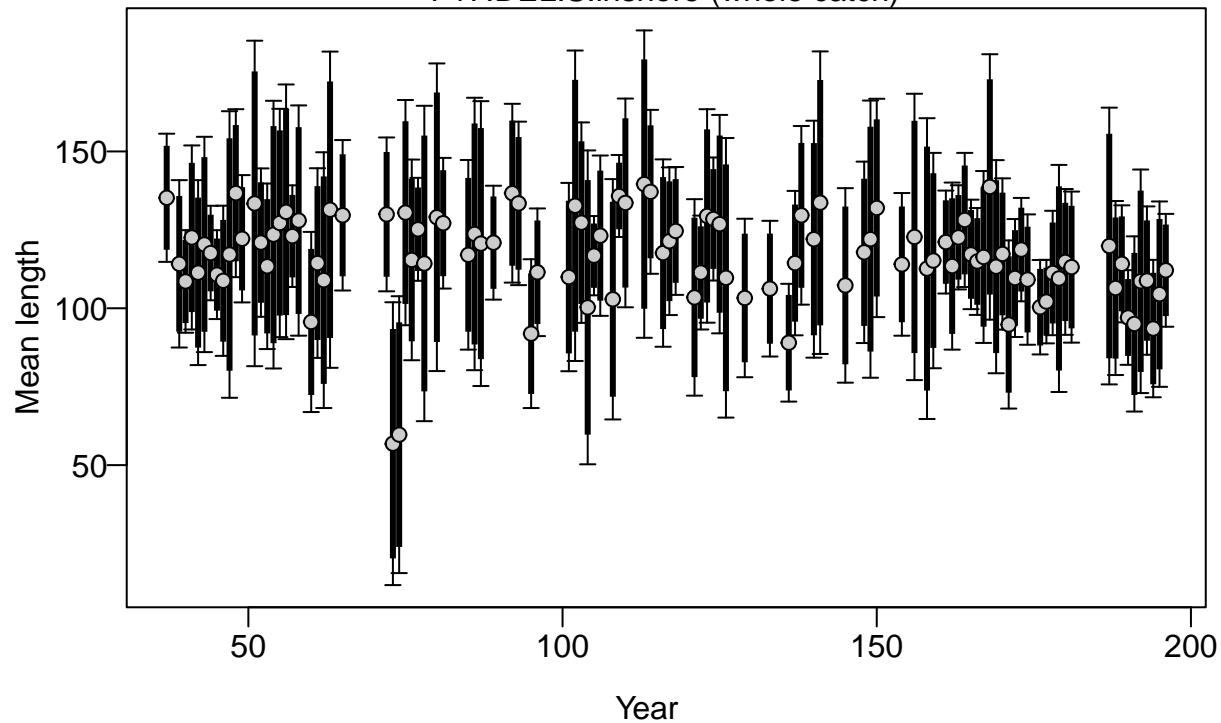
Proportion



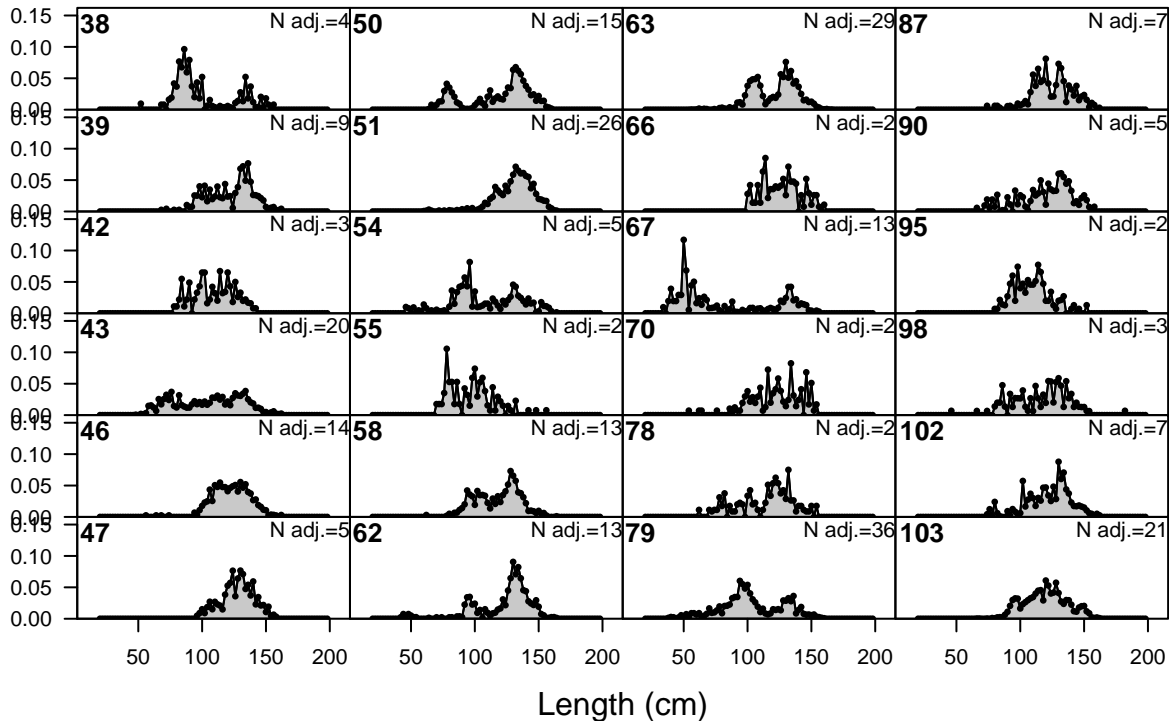
Length (cm)



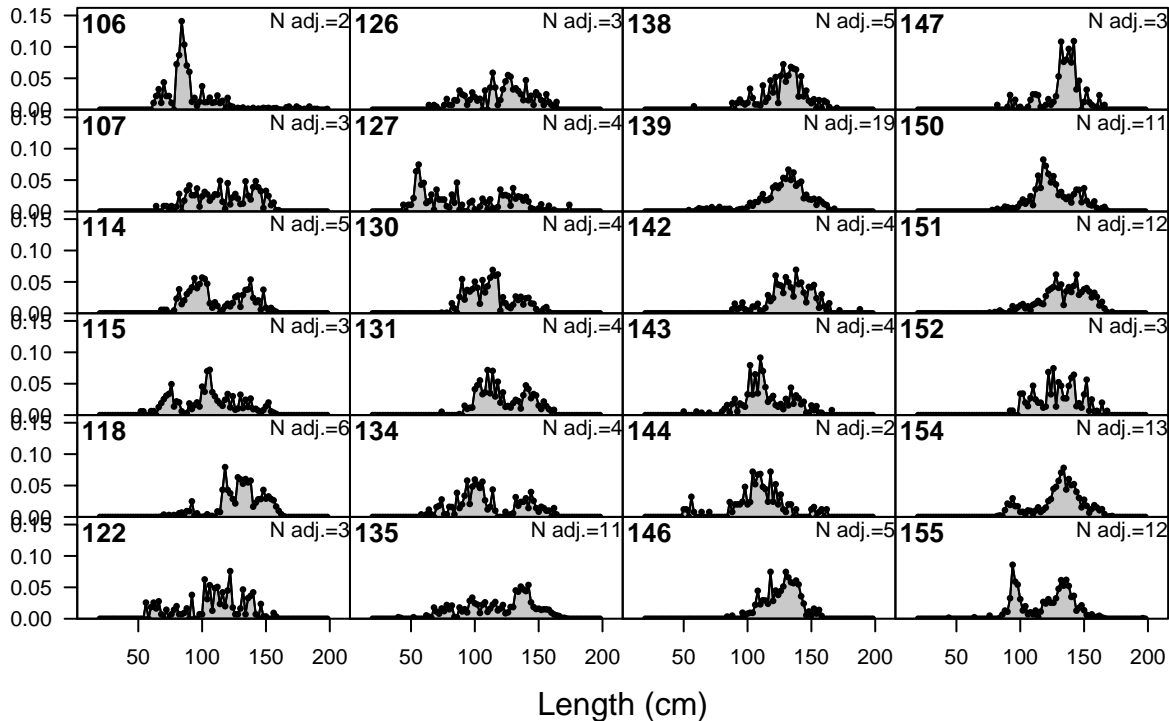
F17.DEL.S.inshore (whole catch)



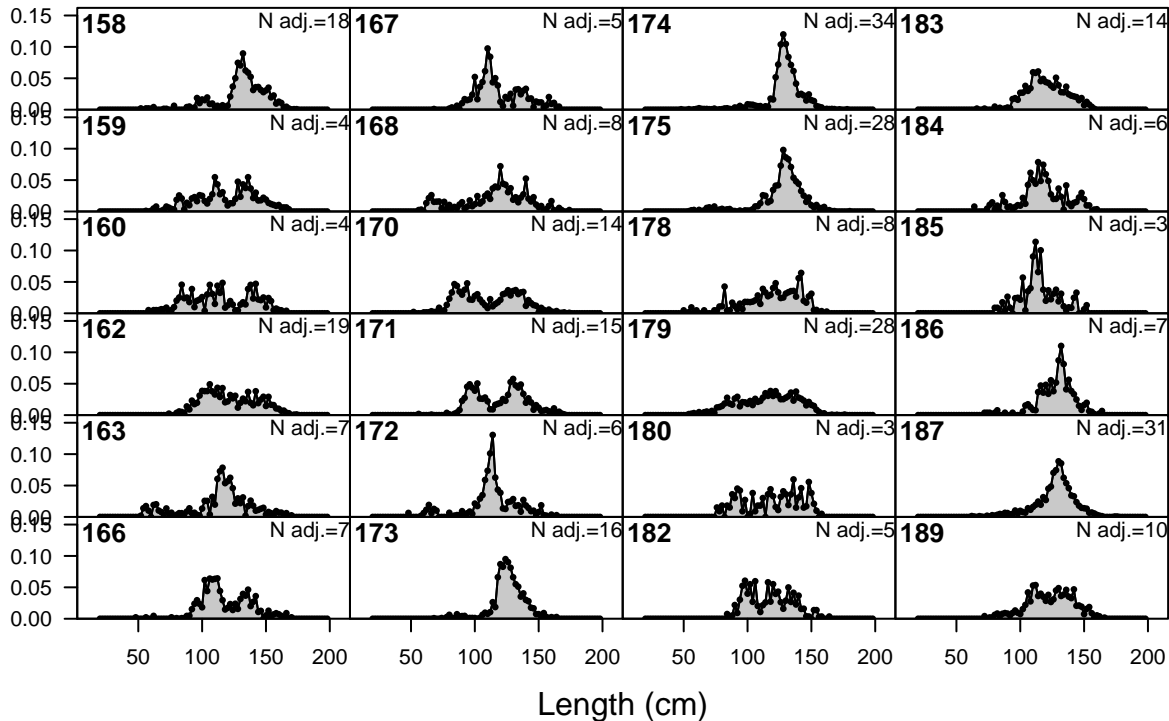
Proportion



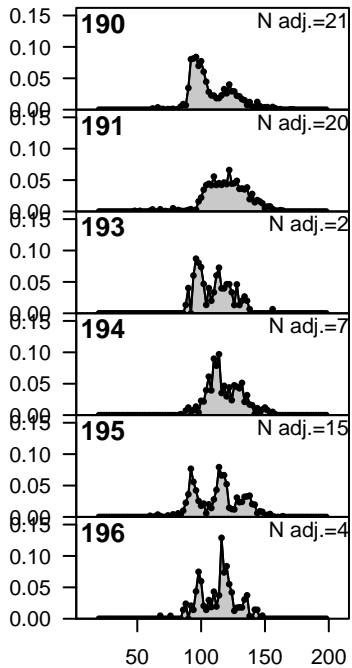
Proportion



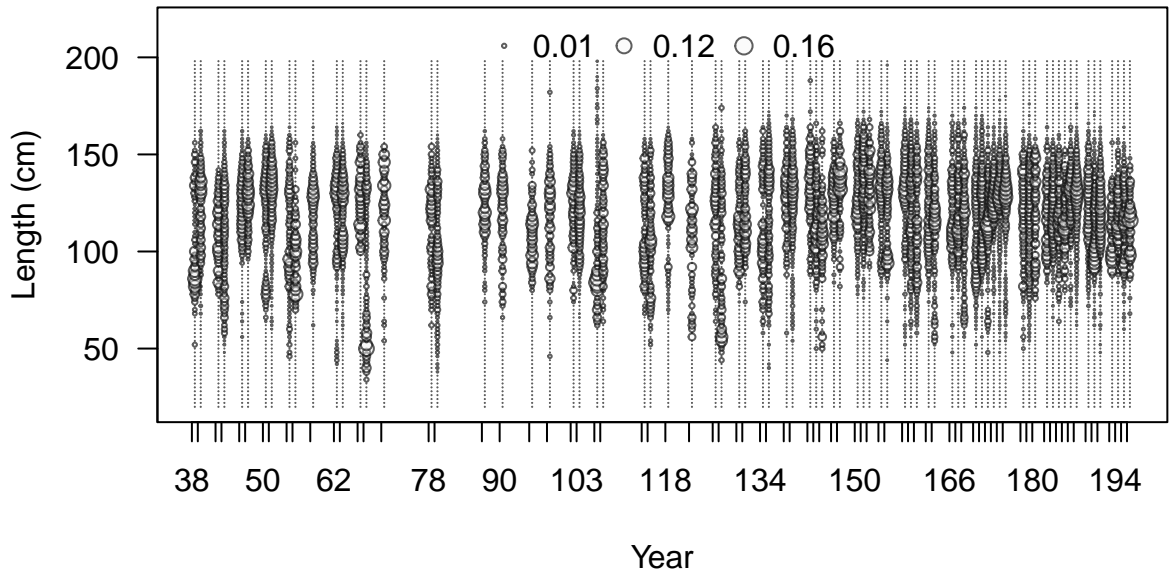
Proportion



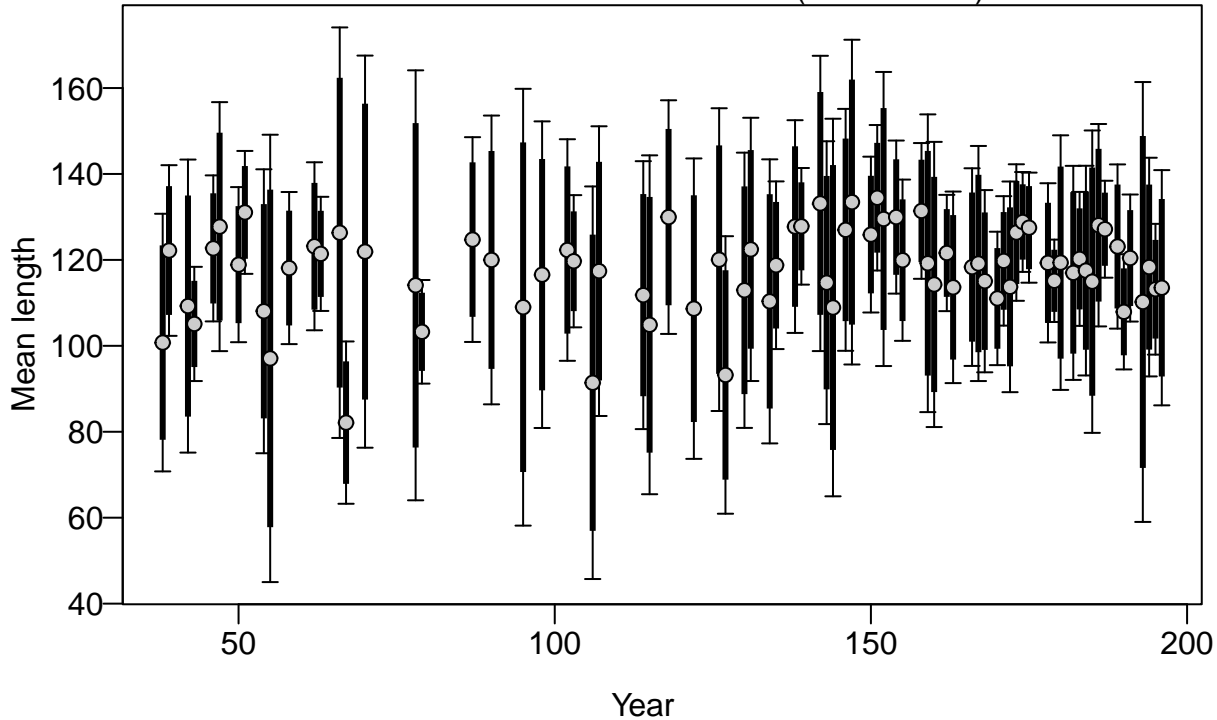
Proportion



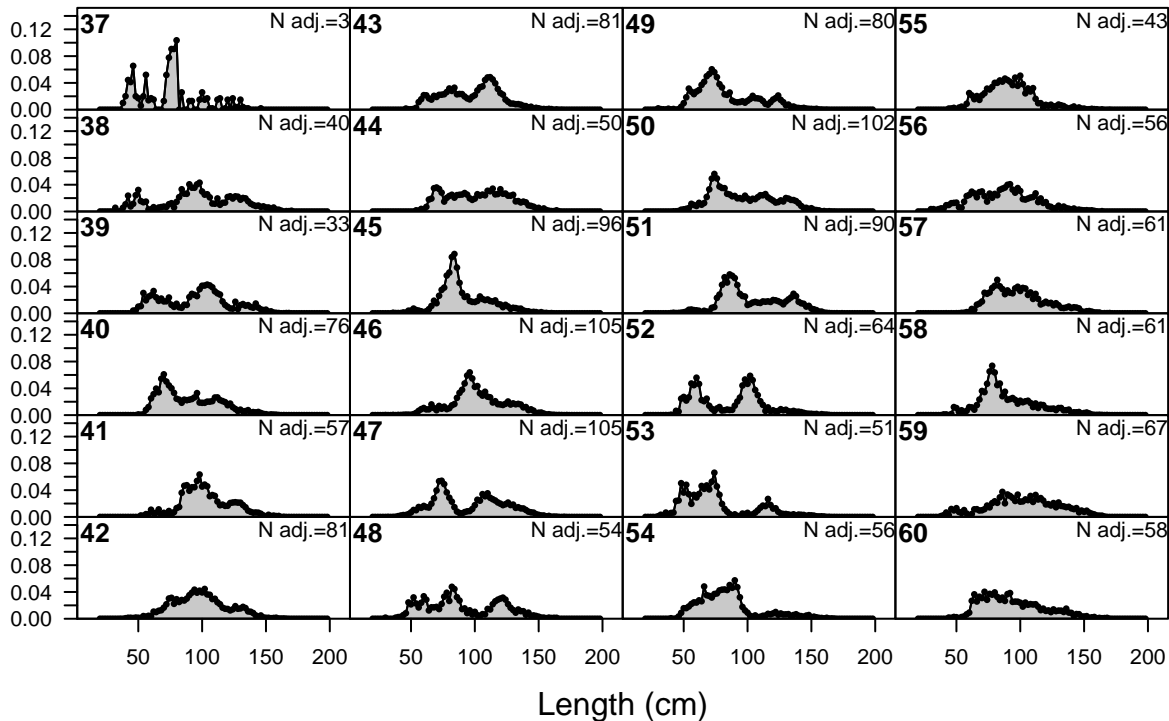
Length (cm)



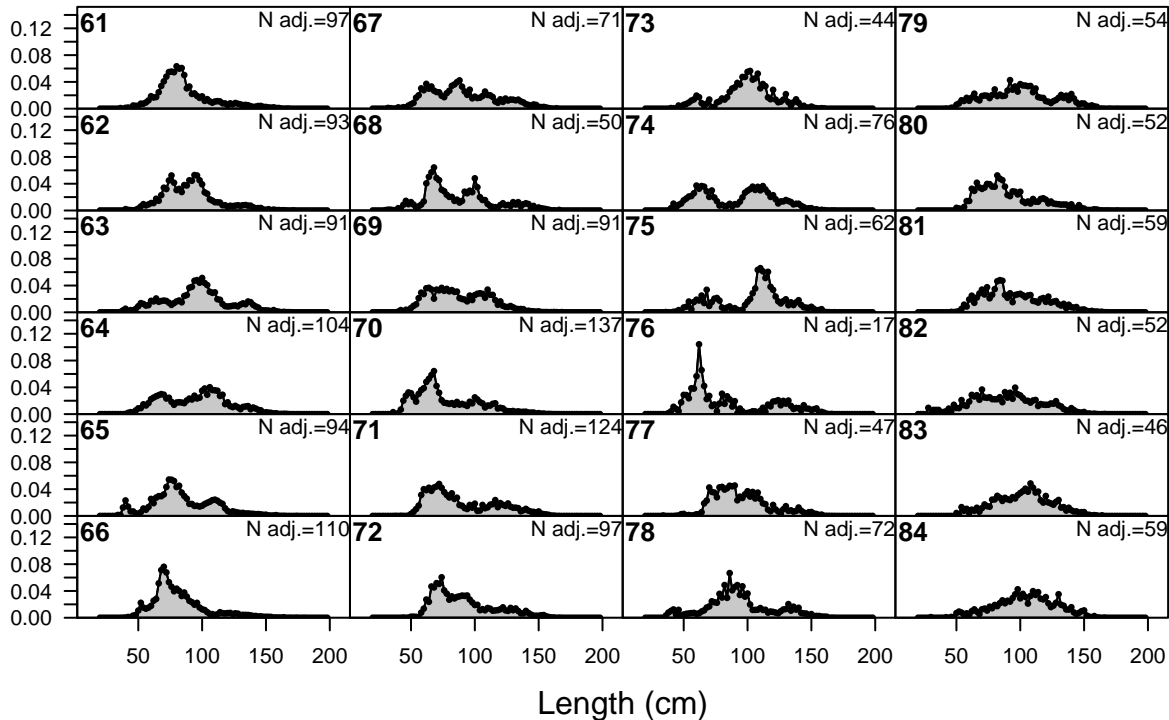
F18.DEL.C.offshore (whole catch)



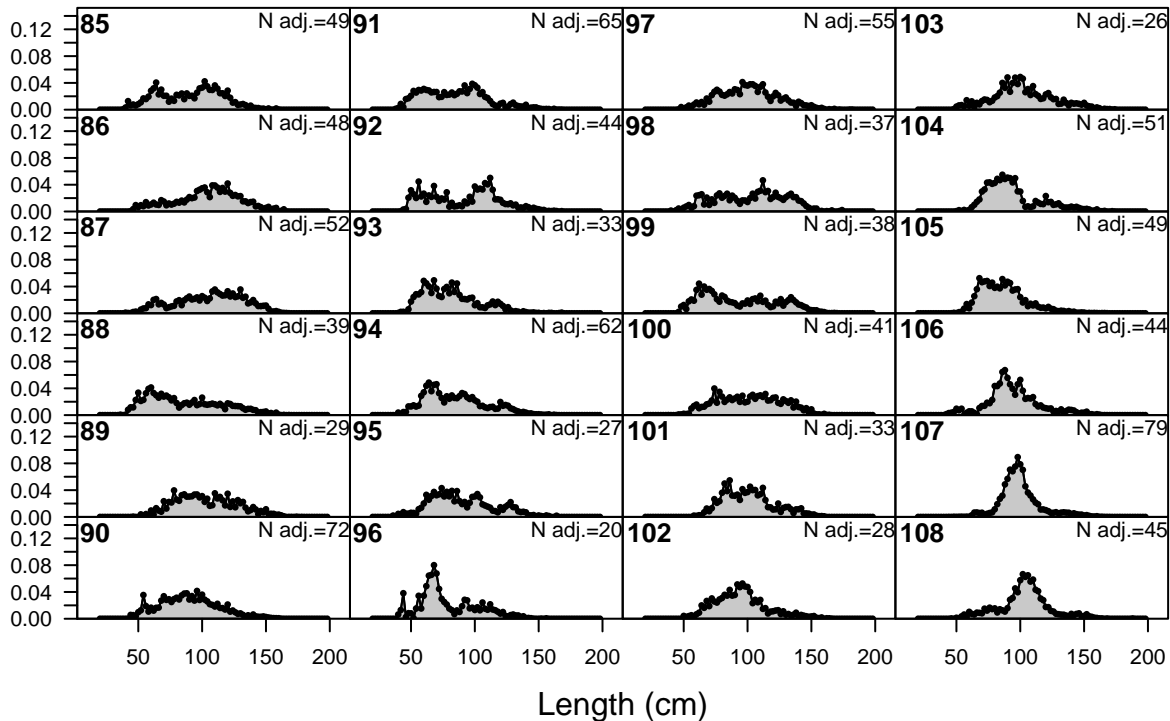
Proportion



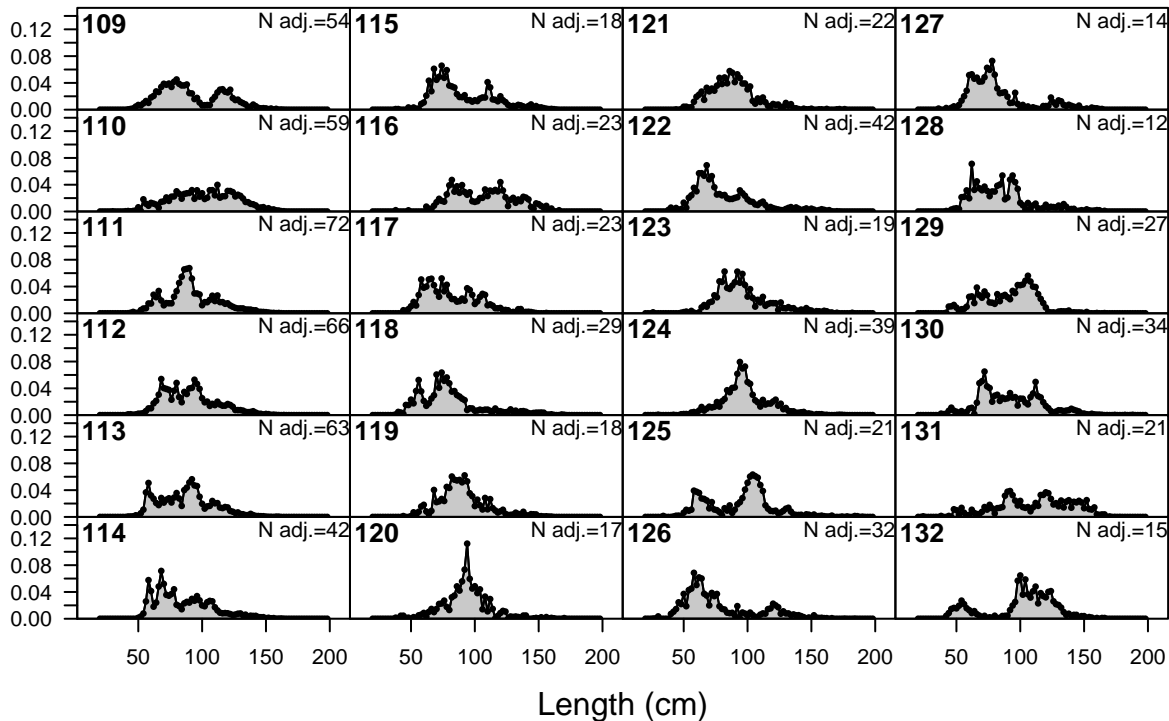
Proportion



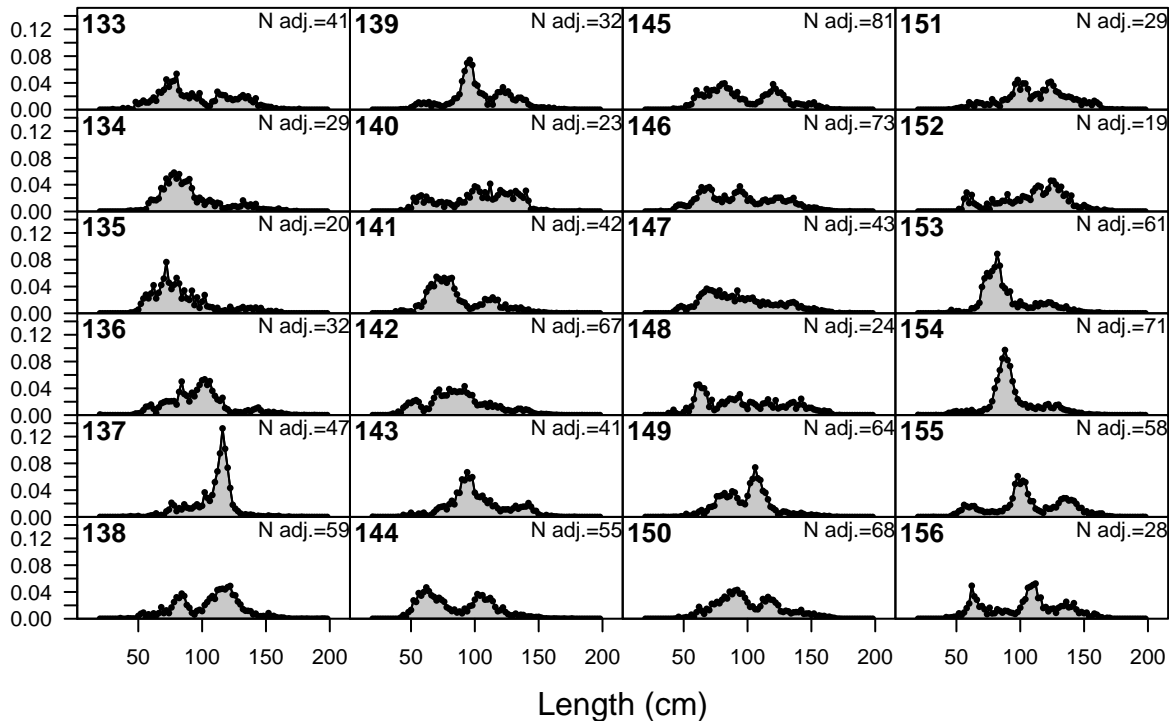
Proportion



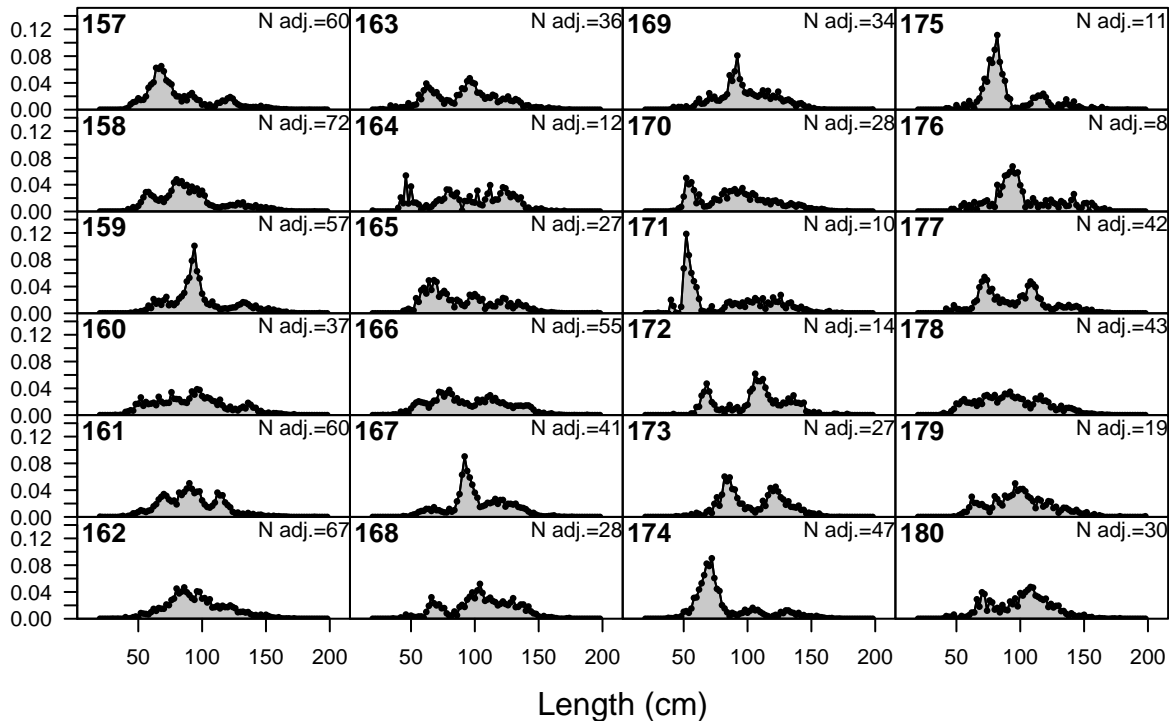
Proportion



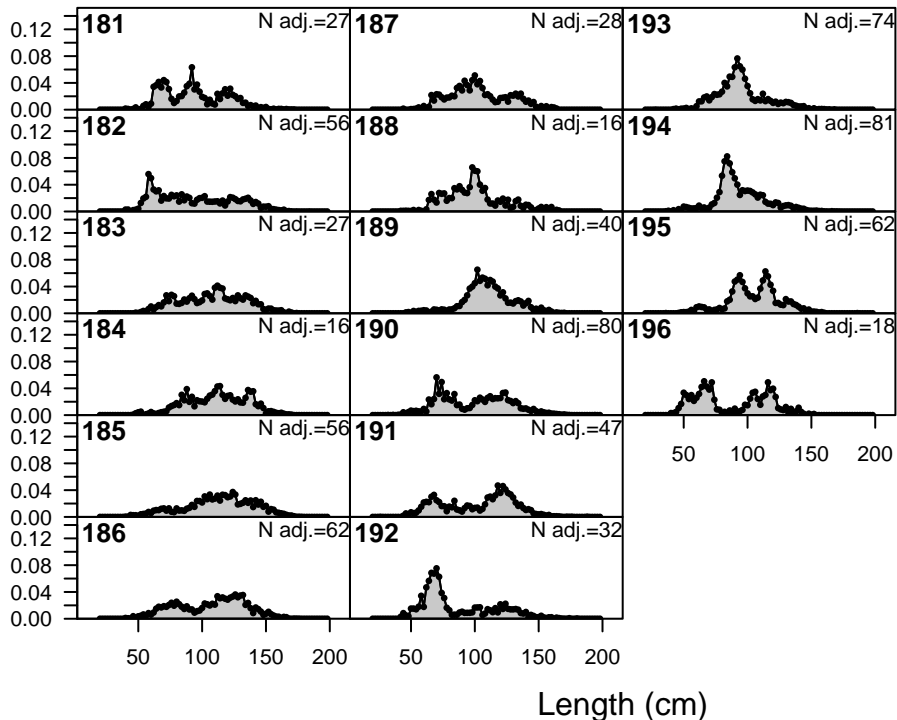
Proportion

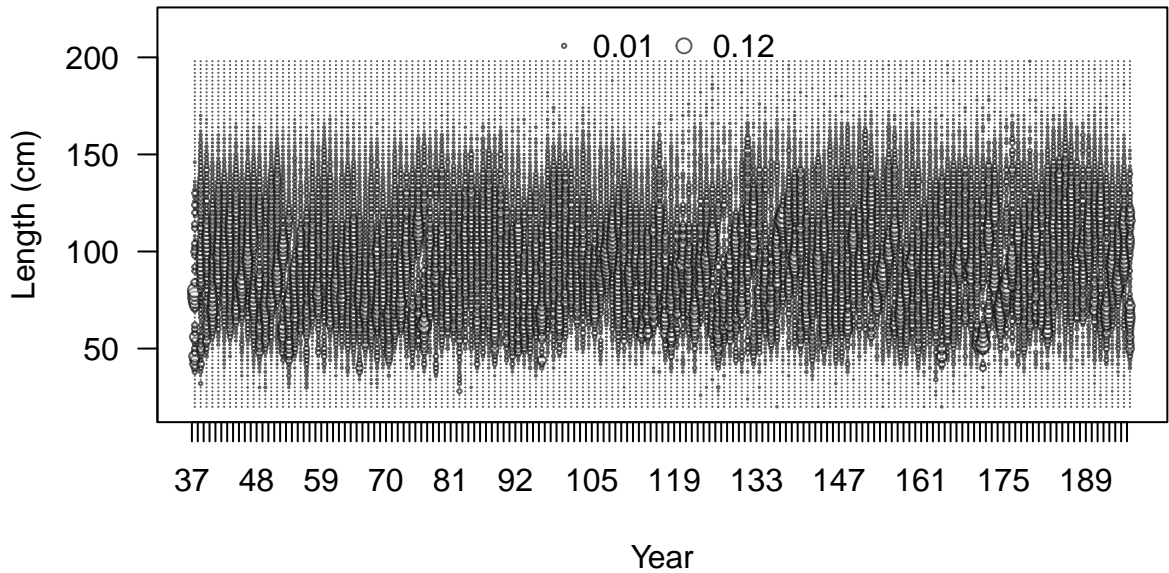


Proportion

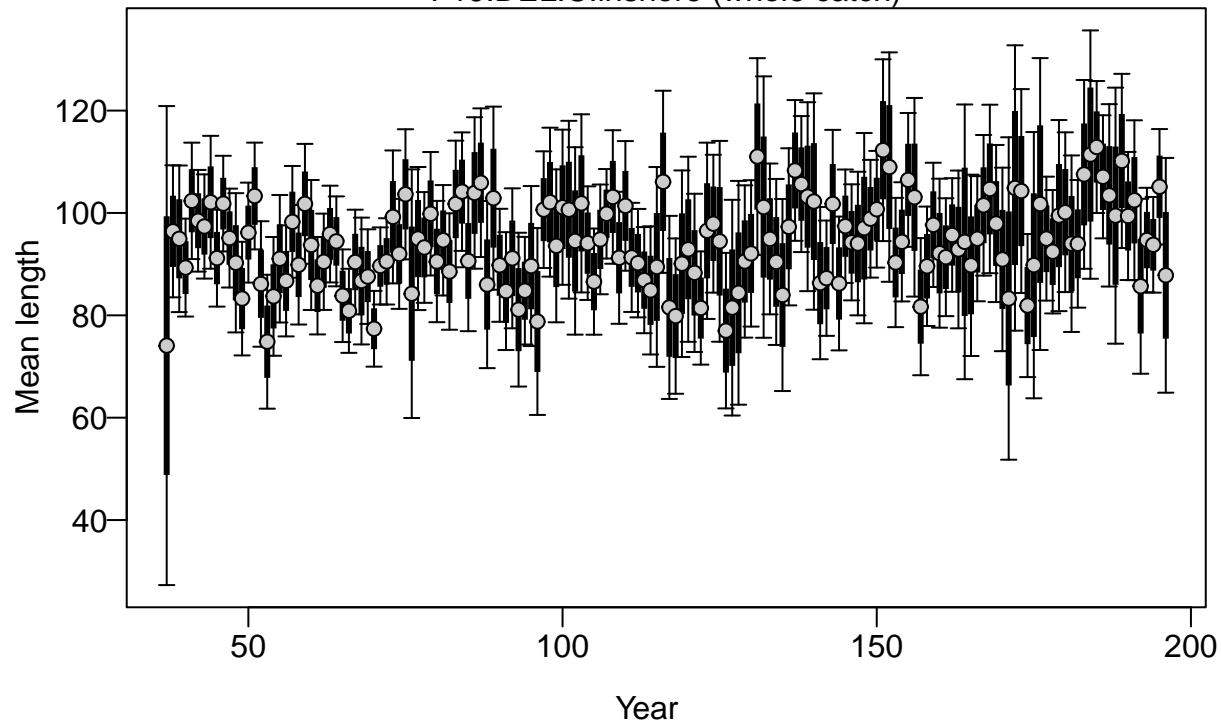


Proportion

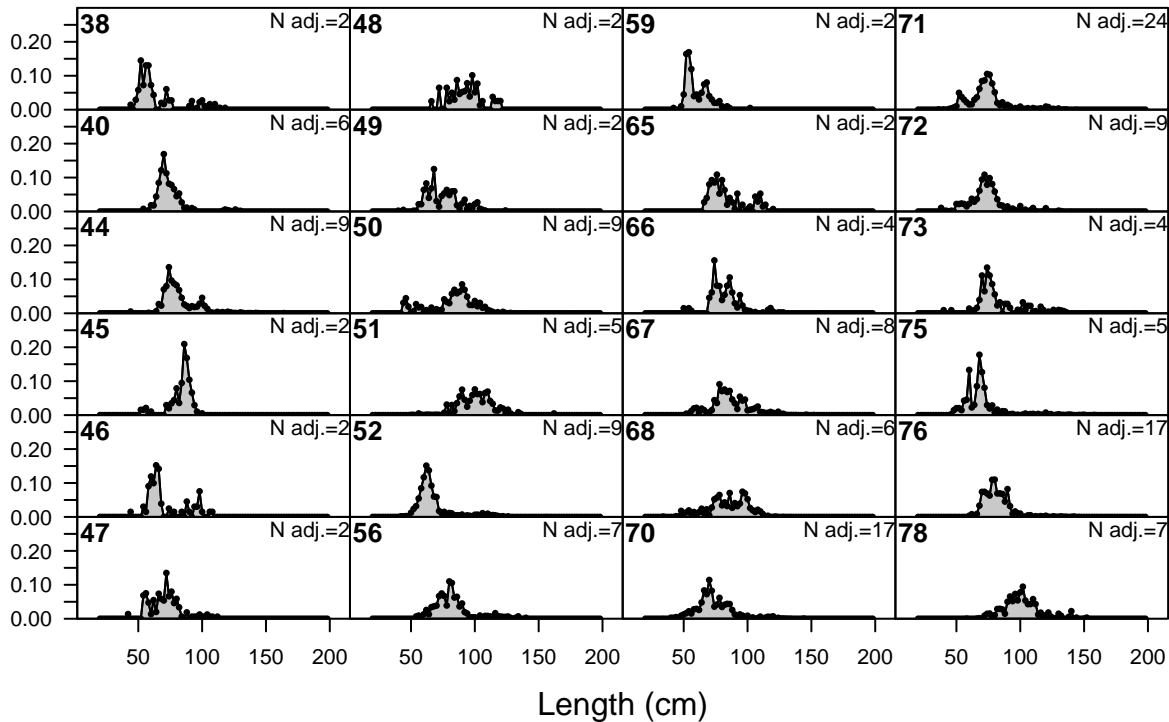




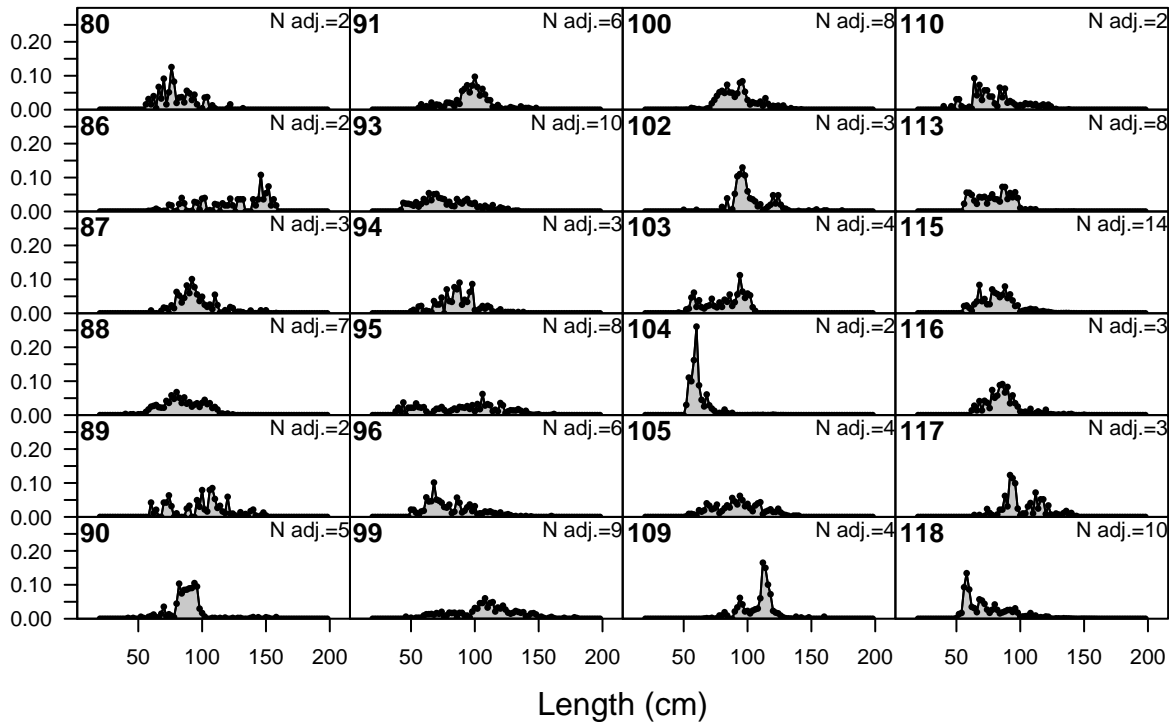
F19.DEL.C.inshore (whole catch)



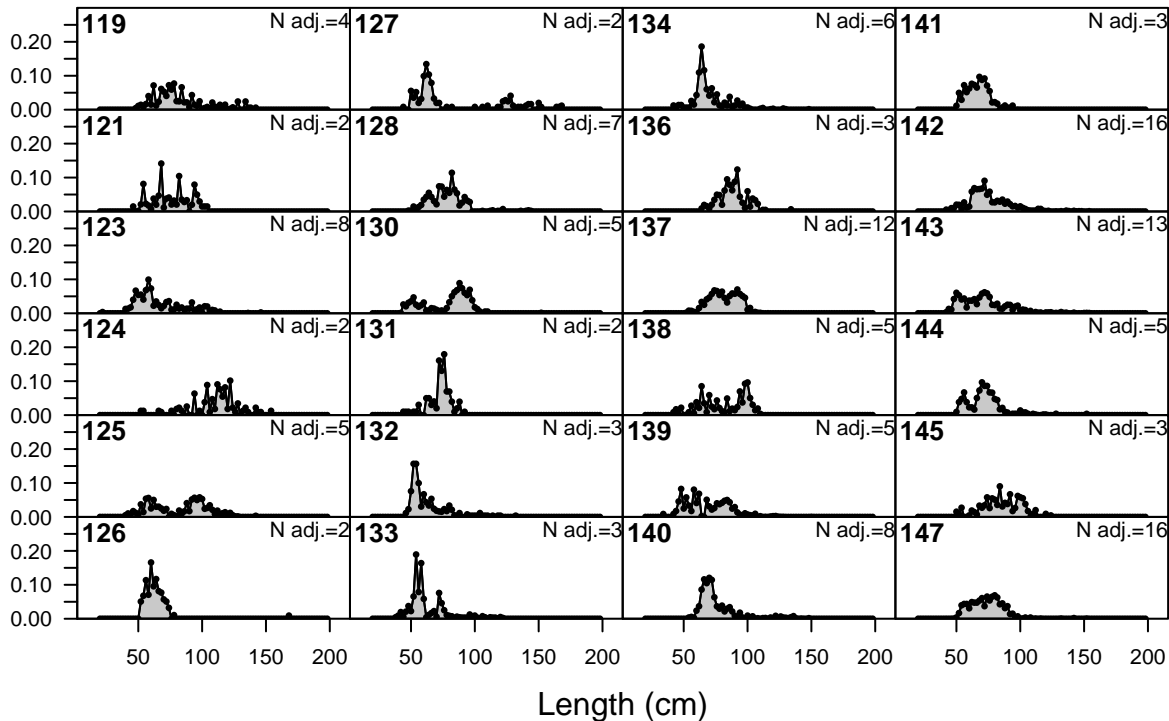
Proportion



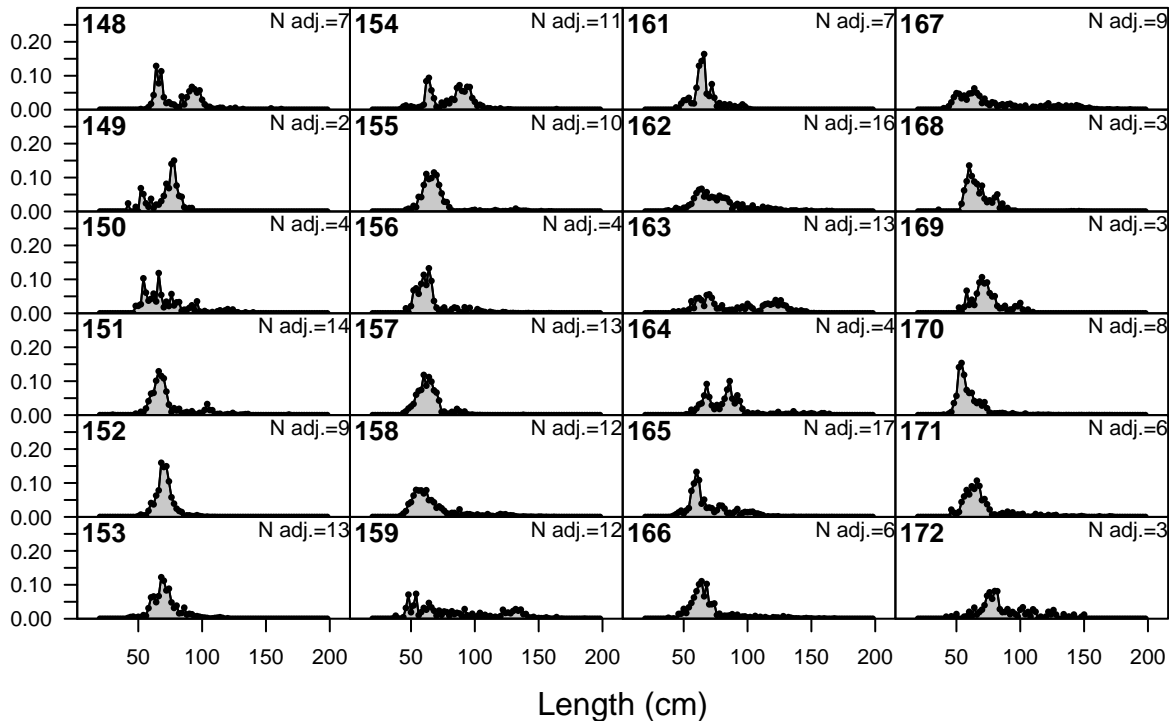
Proportion



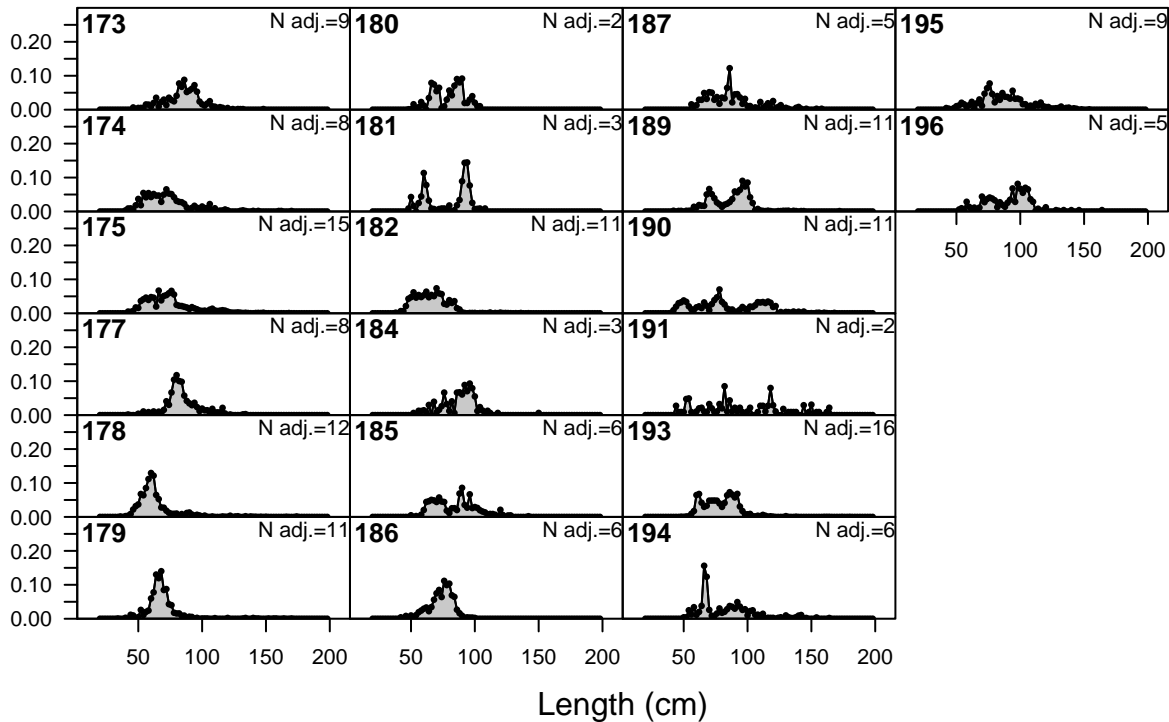
Proportion



Proportion



Proportion



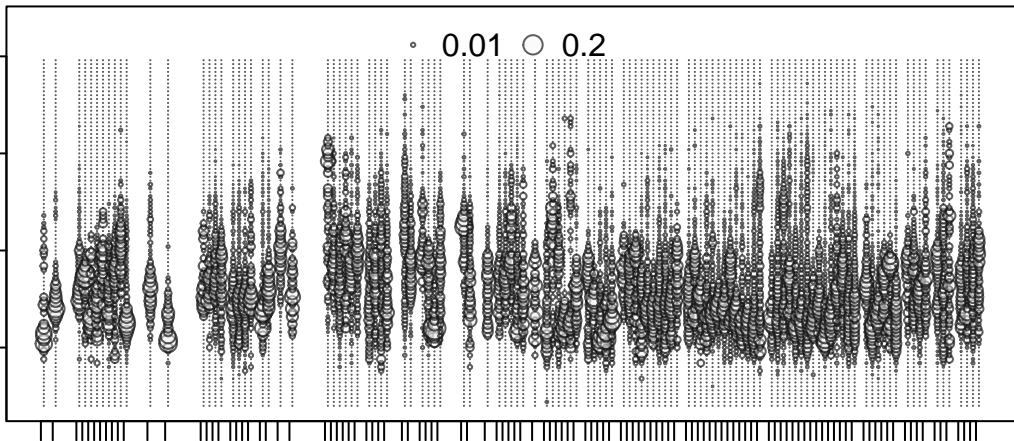
Length (cm)

200
150
100
50

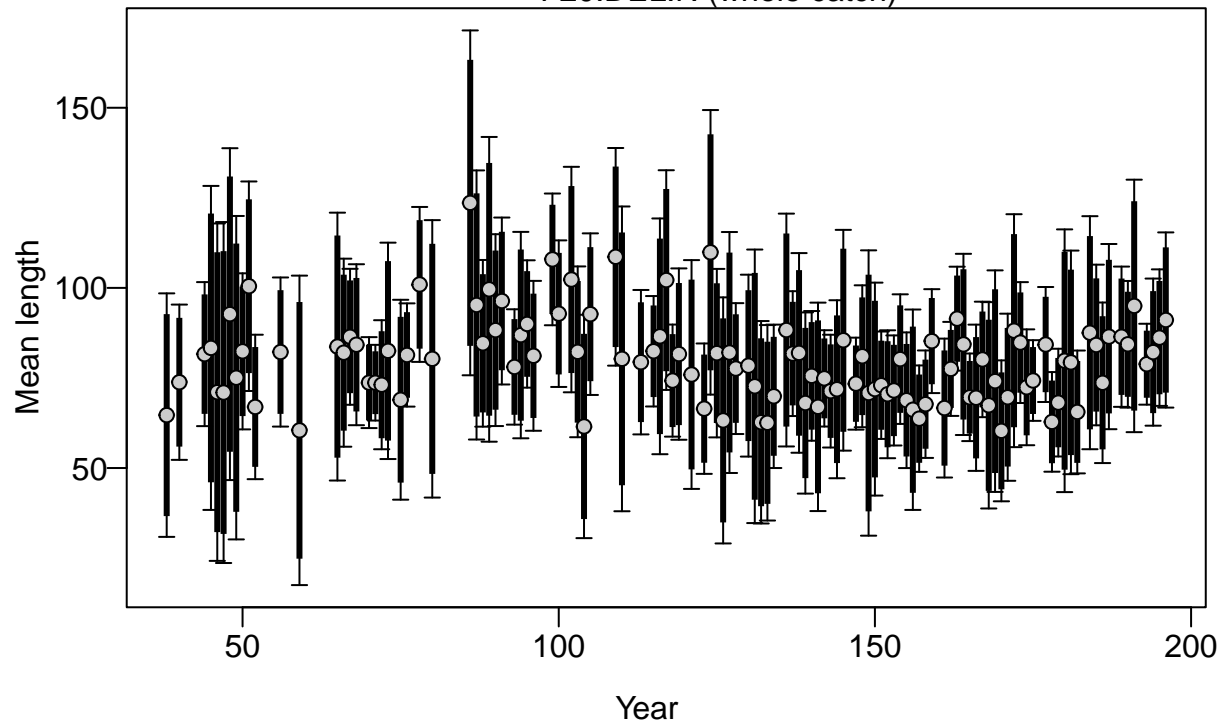
◦ 0.01 ○ 0.2

38 49 65 76 87 99 113 127 141 155 169 184

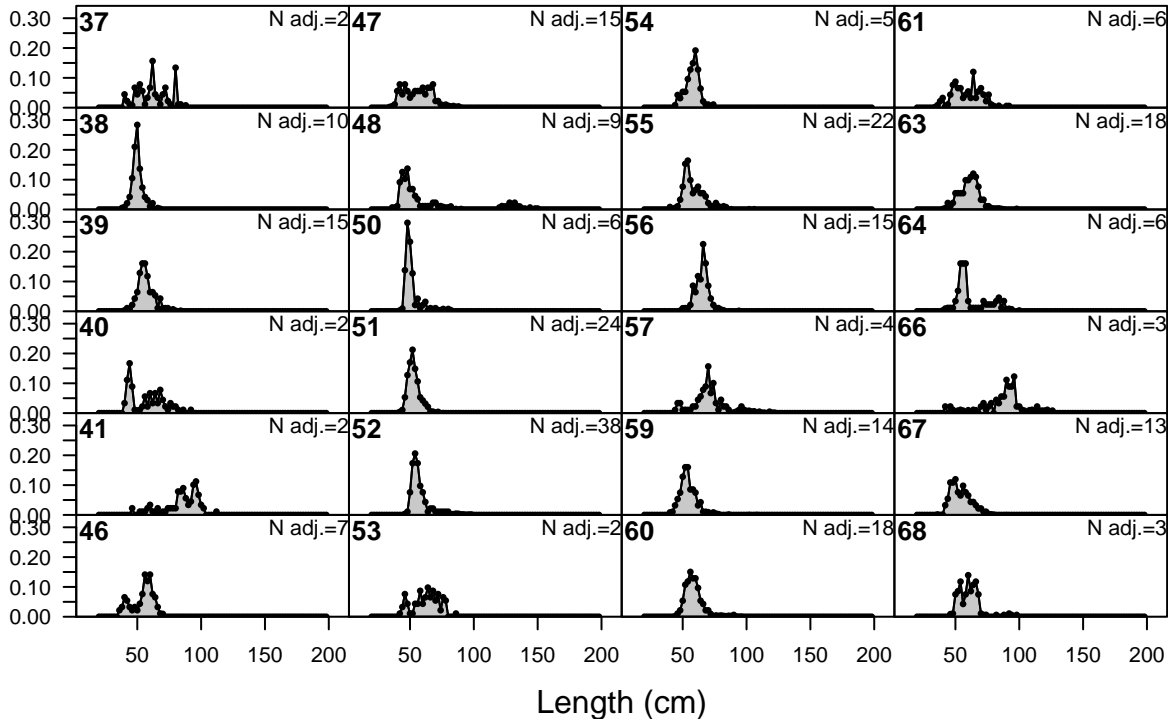
Year



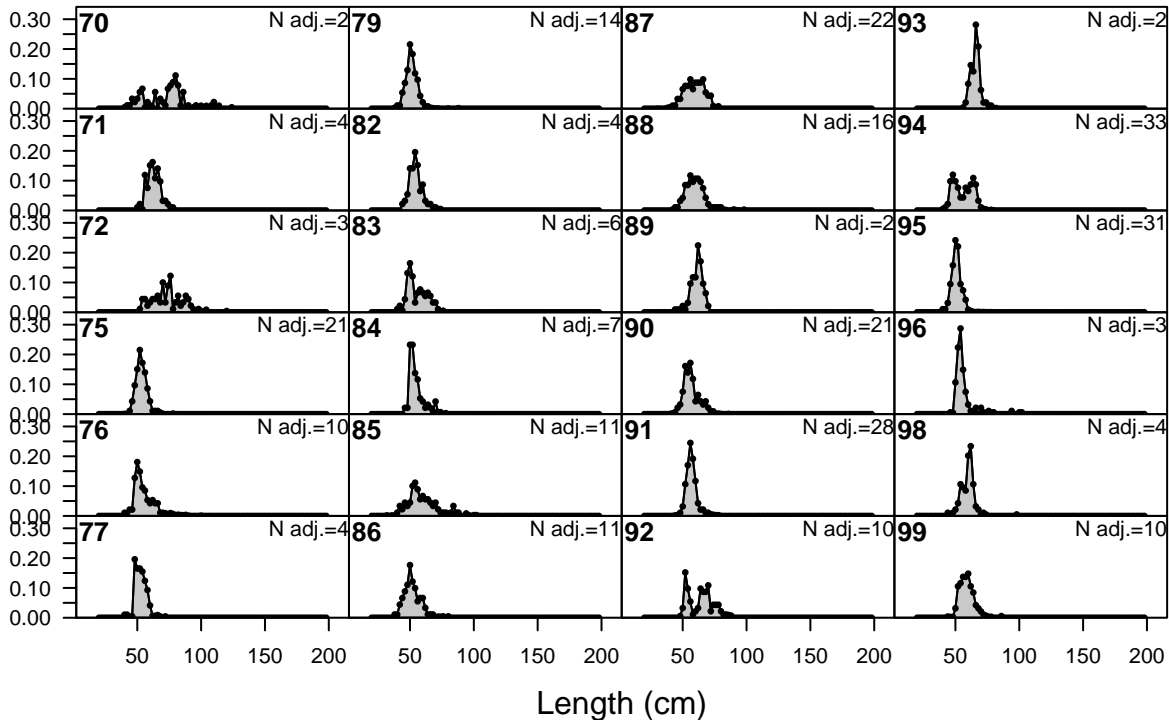
F20.DEL.N (whole catch)

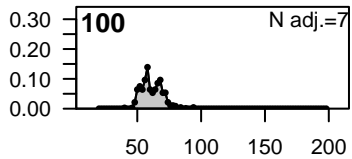


Proportion



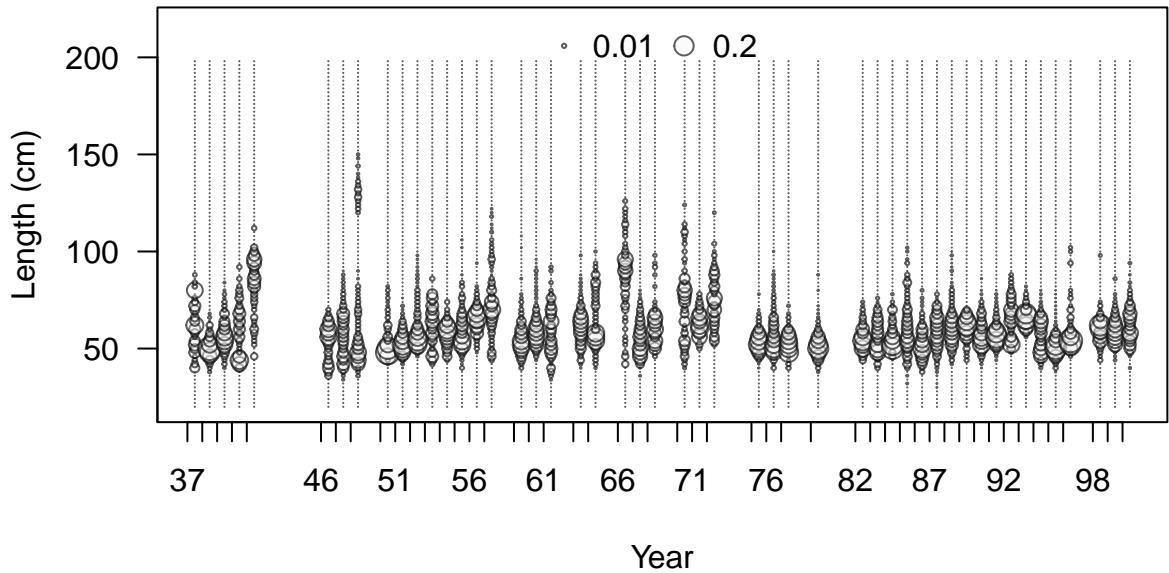
Proportion



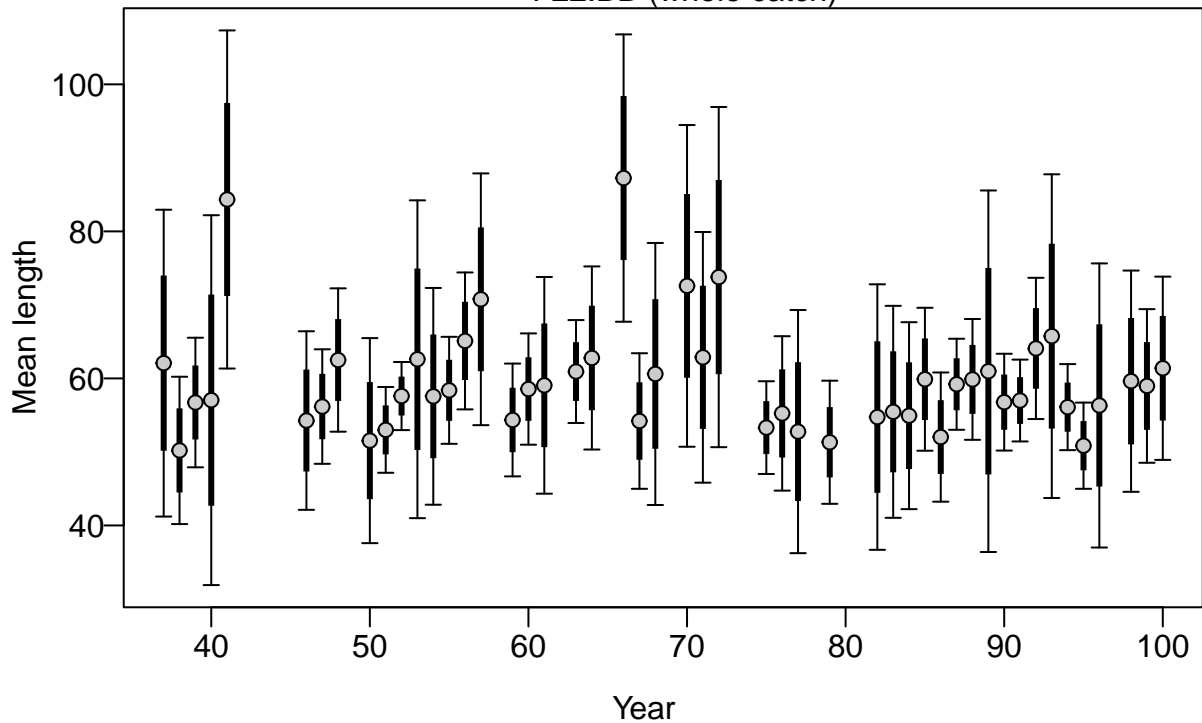


Proportion

Length (cm)

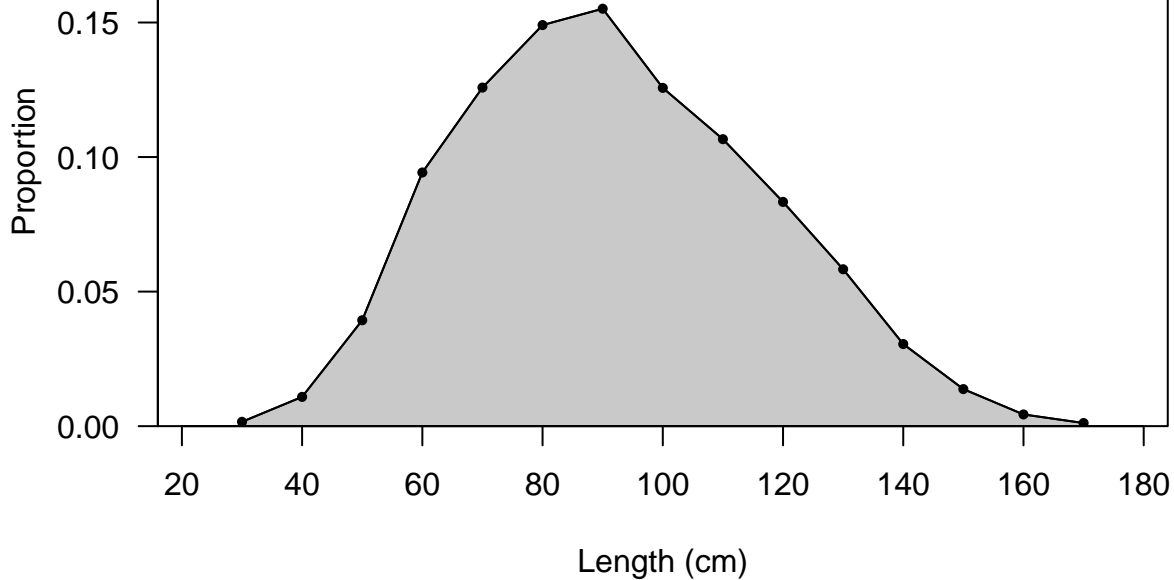


F22.BB (whole catch)

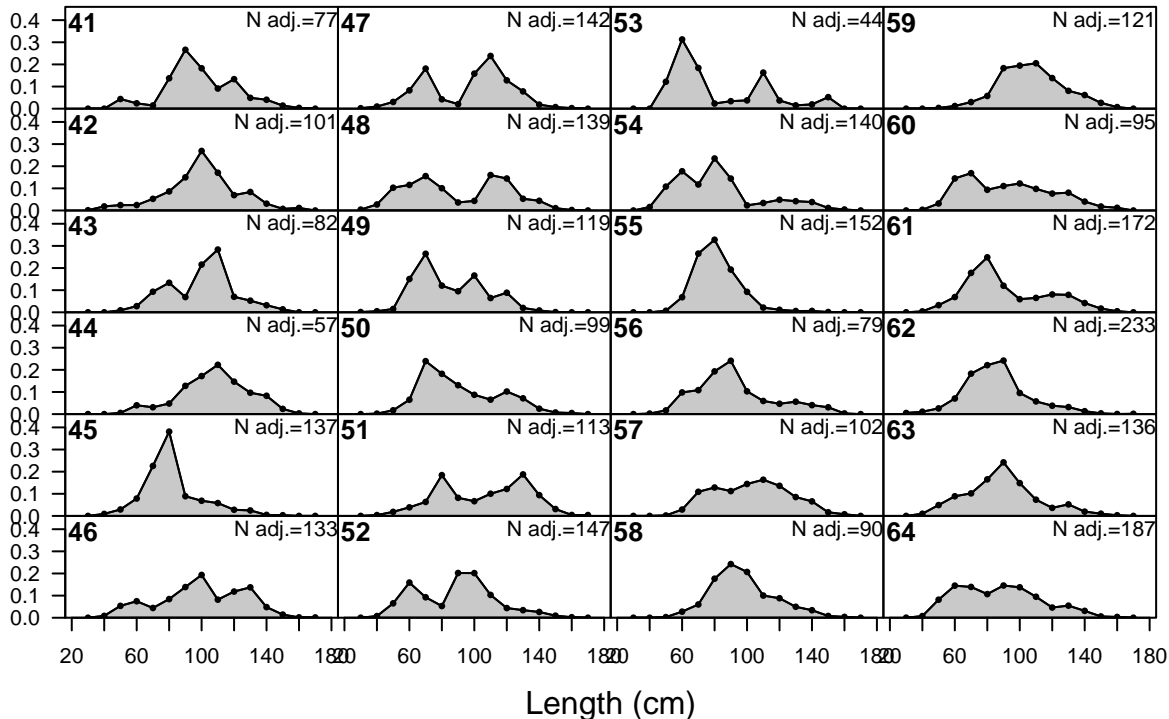


S1.PS_VAST

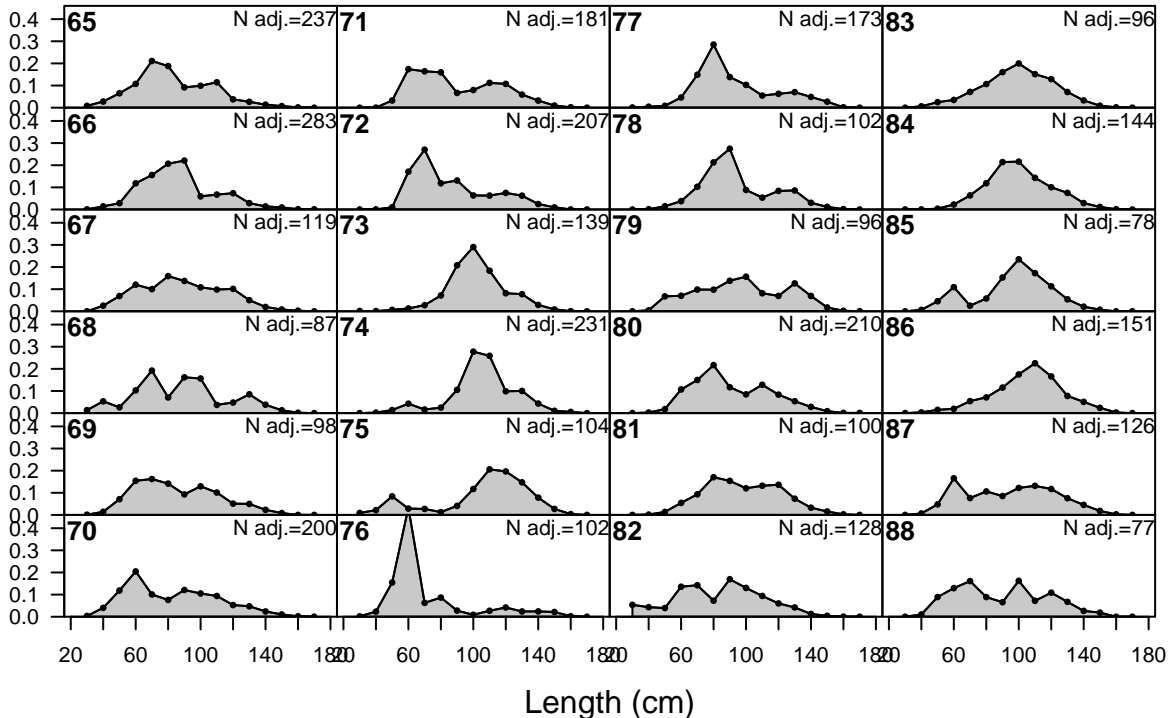
Sum of N adj.=18861



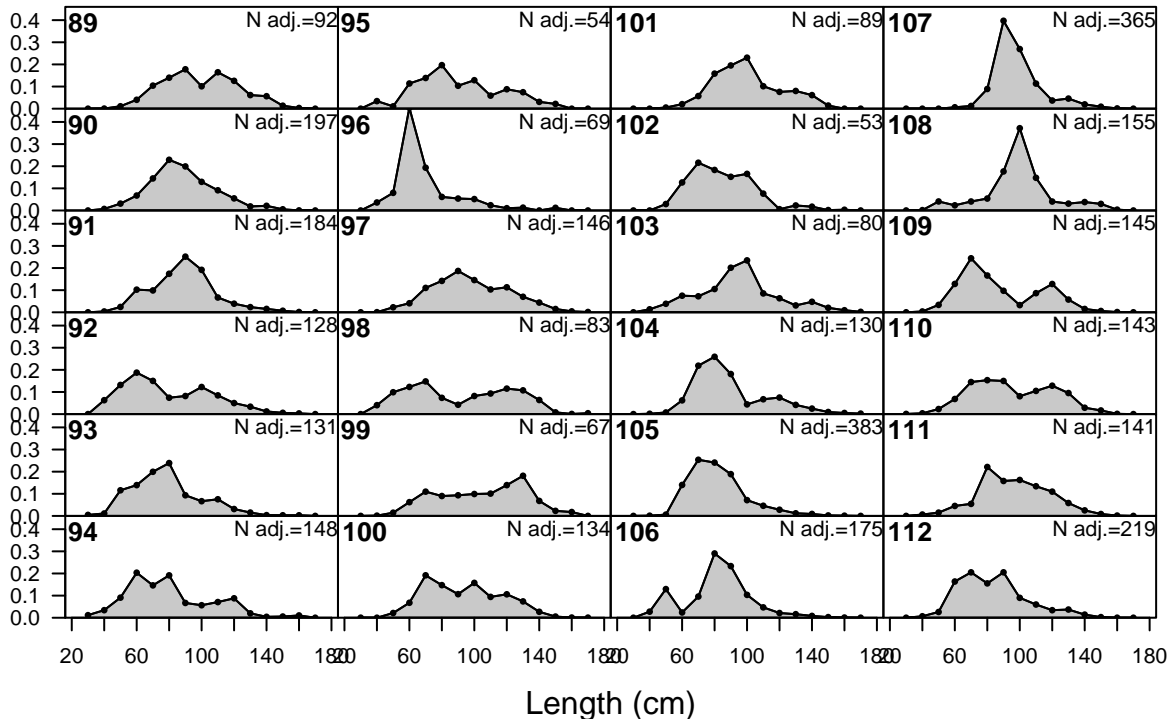
Proportion



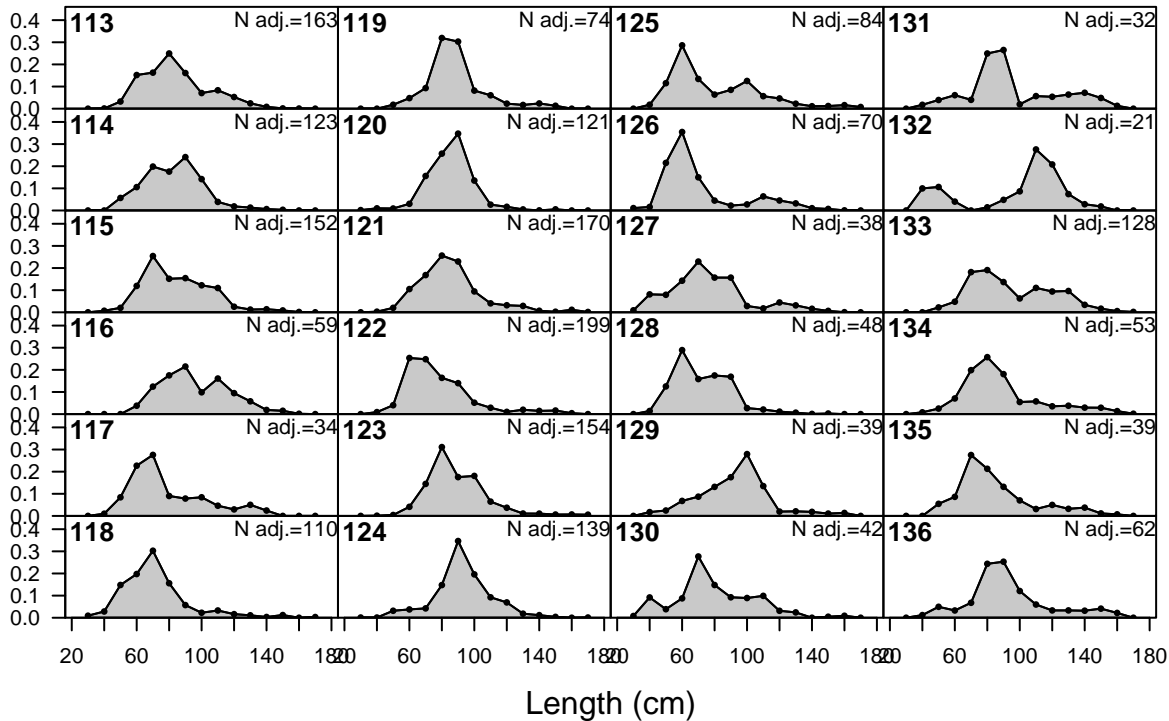
Proportion



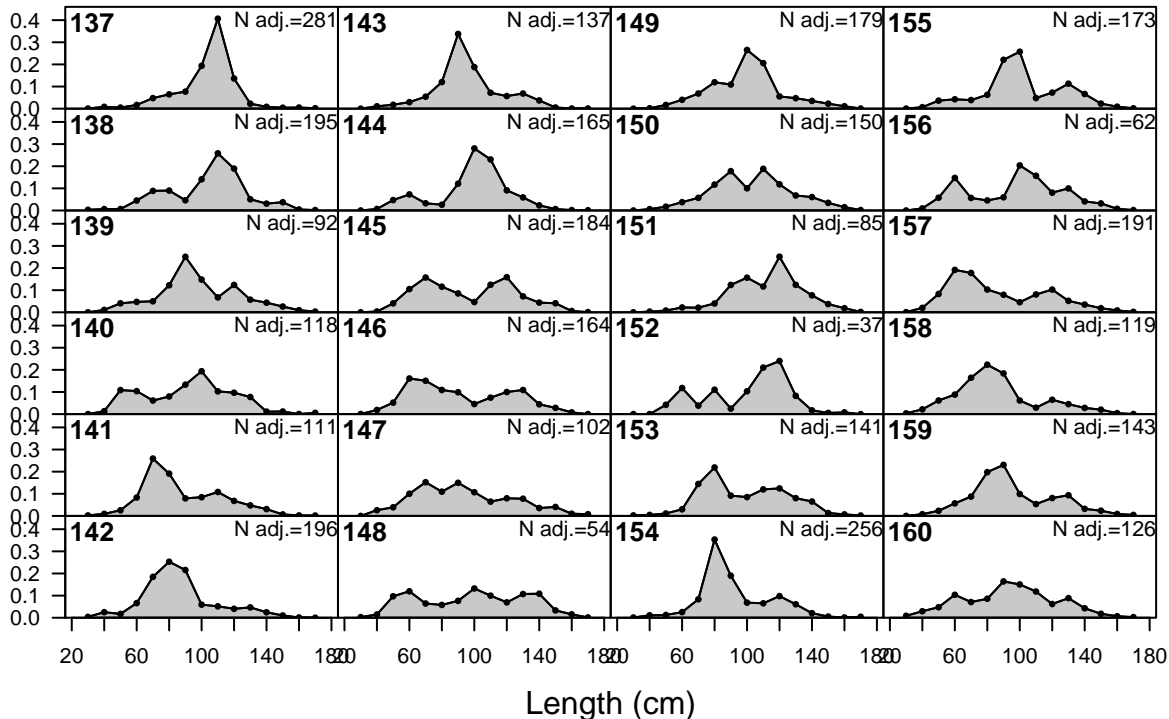
Proportion



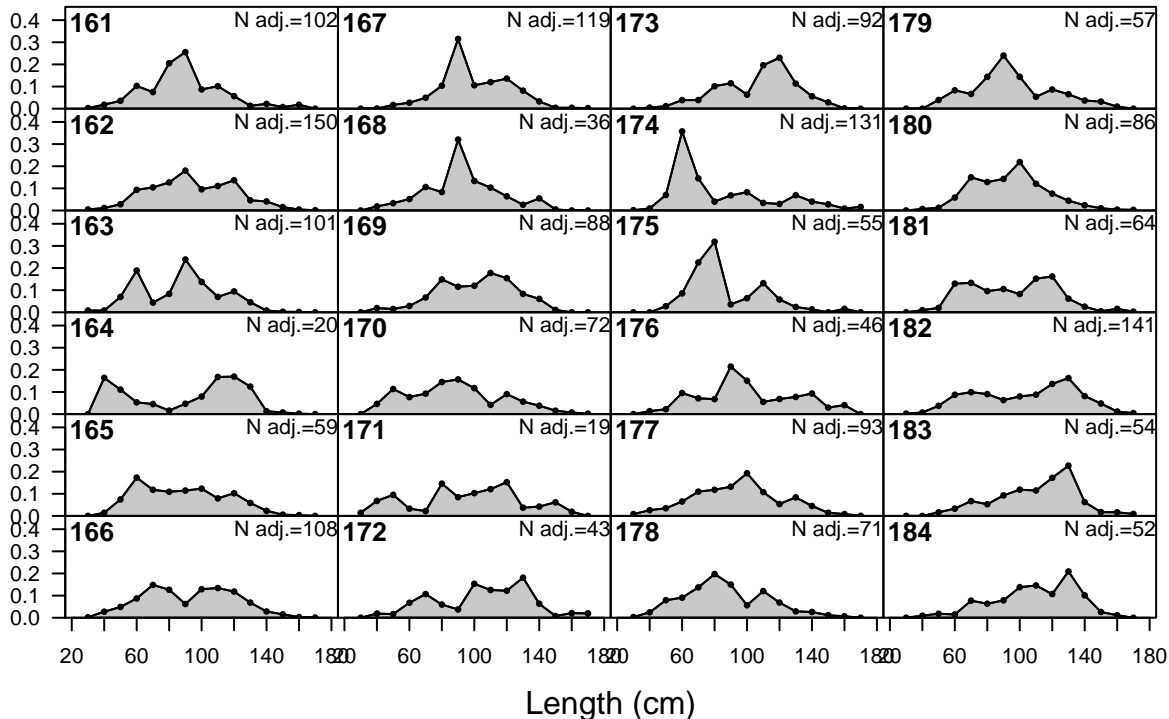
Proportion



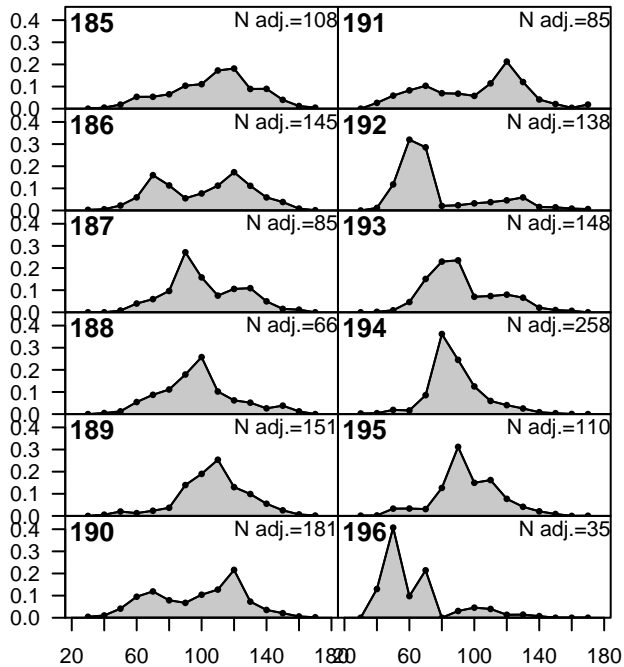
Proportion



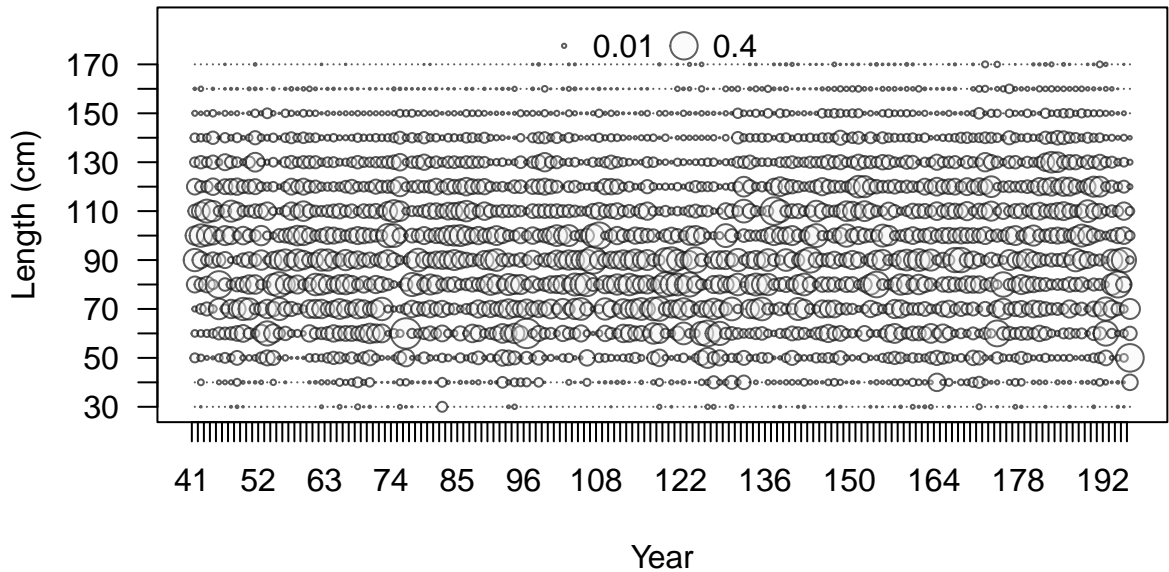
Proportion



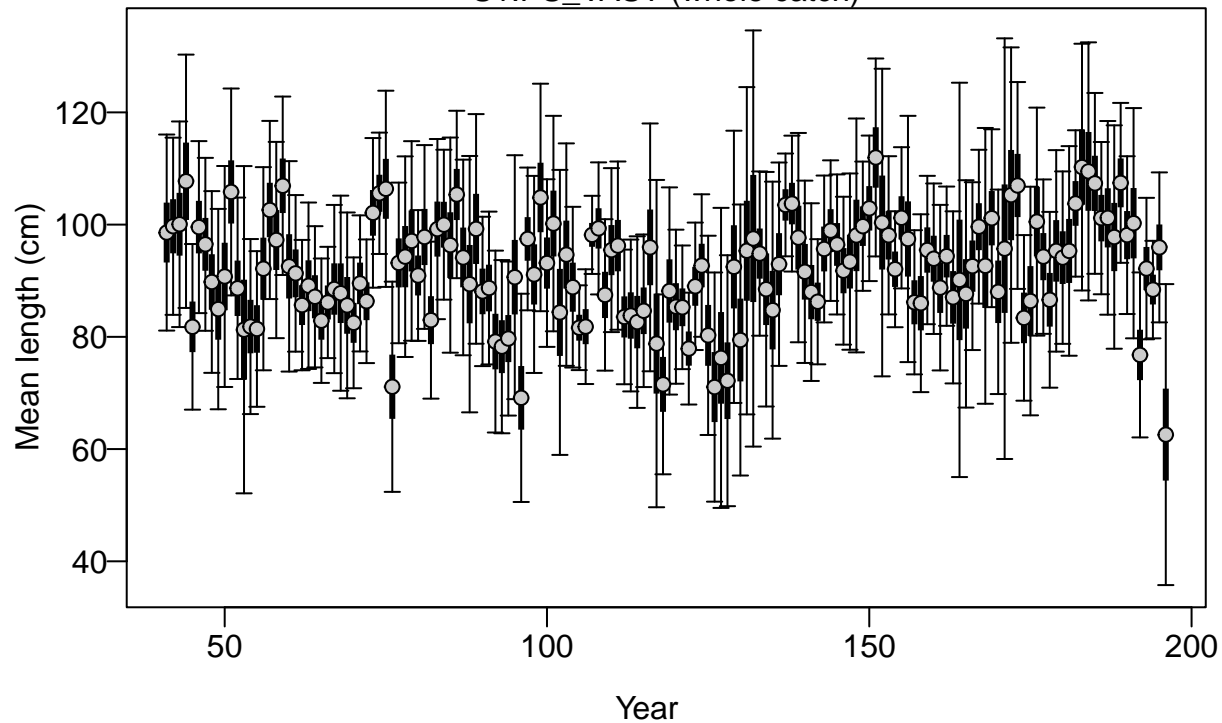
Proportion



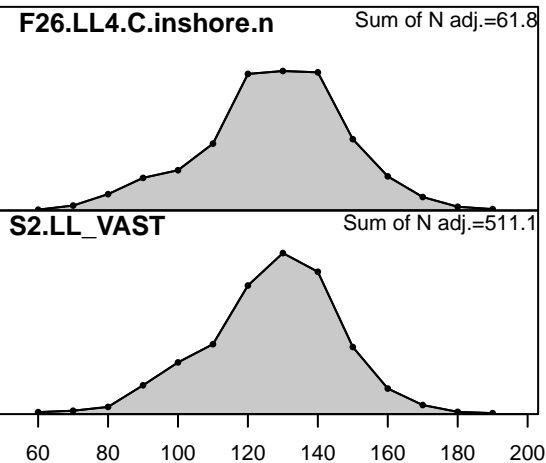
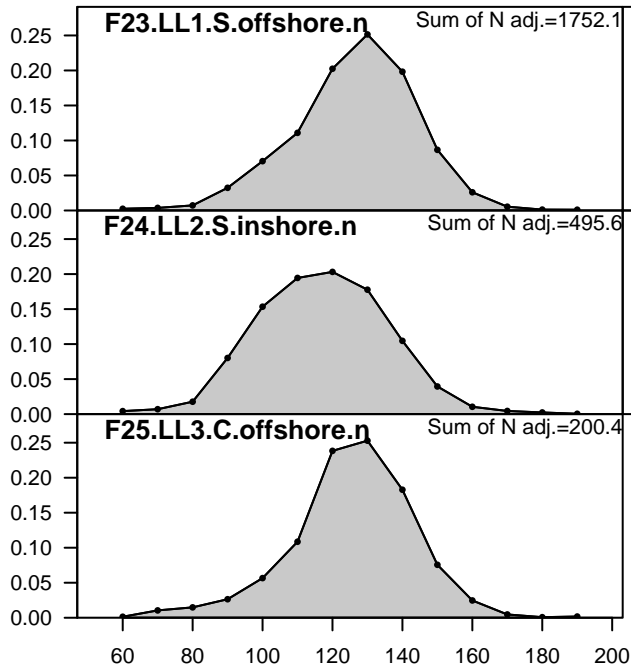
Length (cm)



S1.PS_VAST (whole catch)

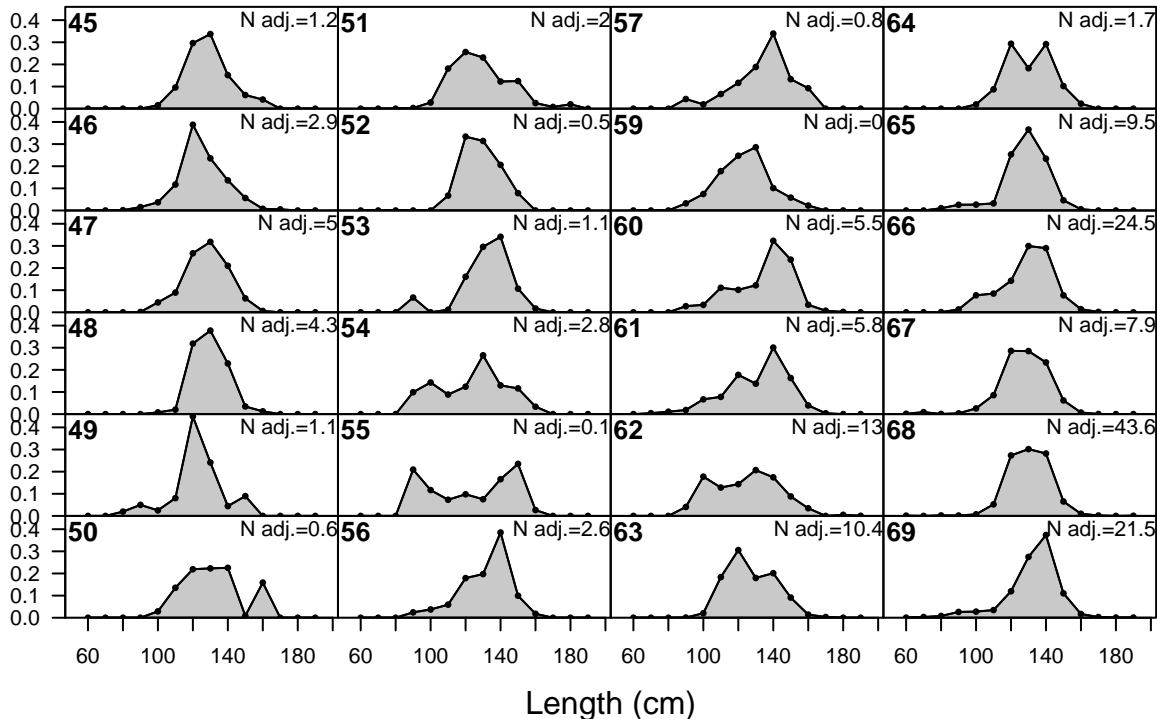


Proportion

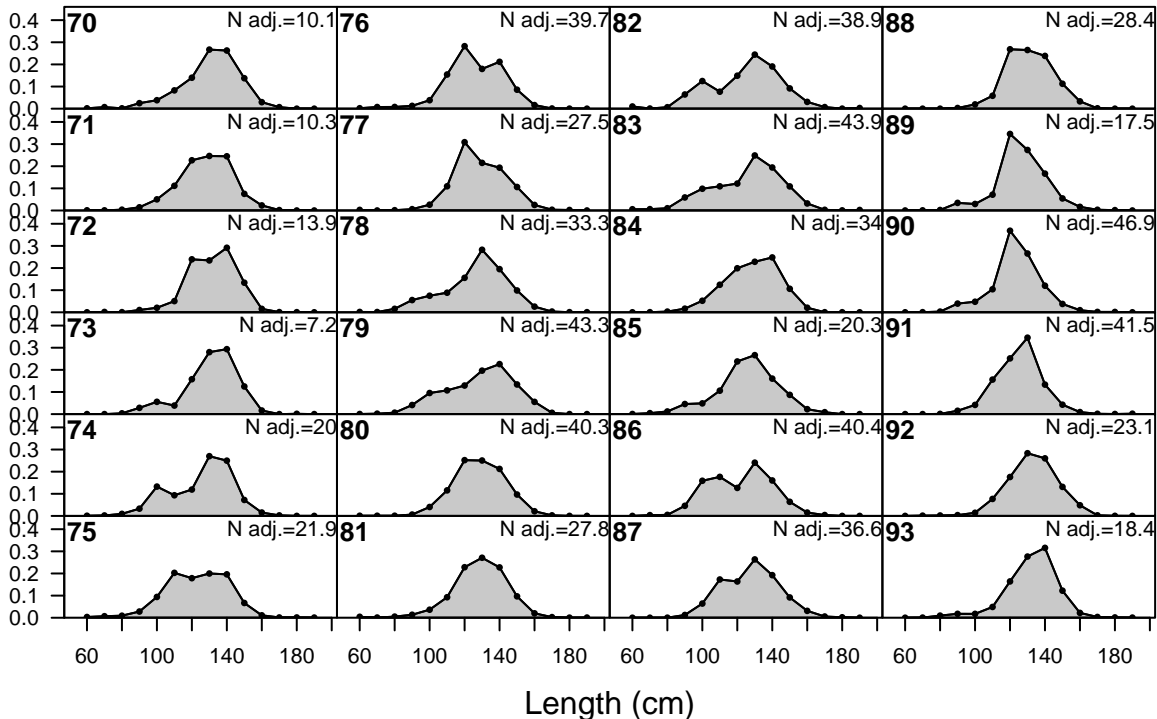


Length (cm)

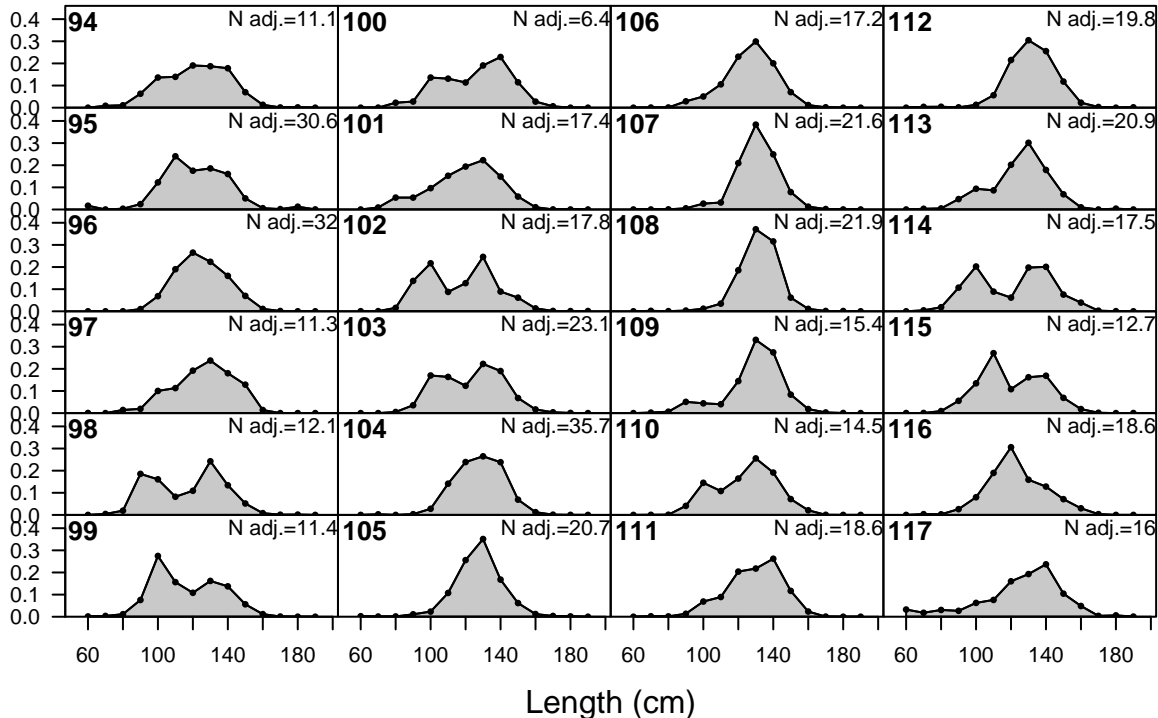
Proportion



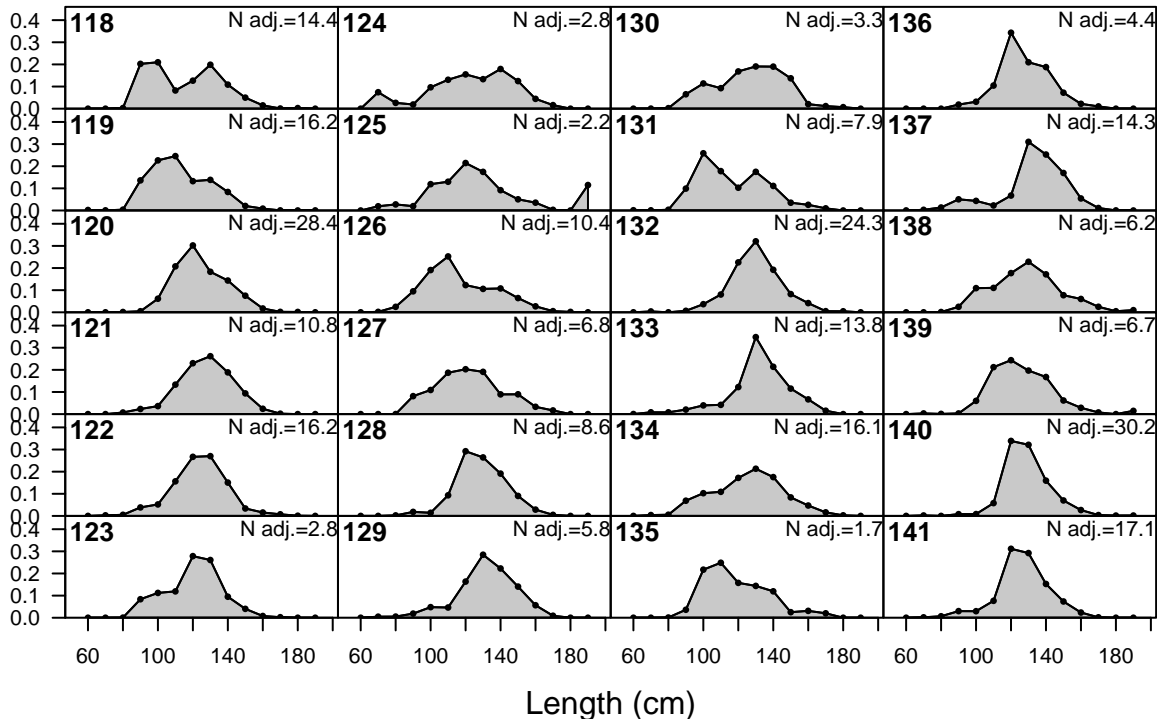
Proportion



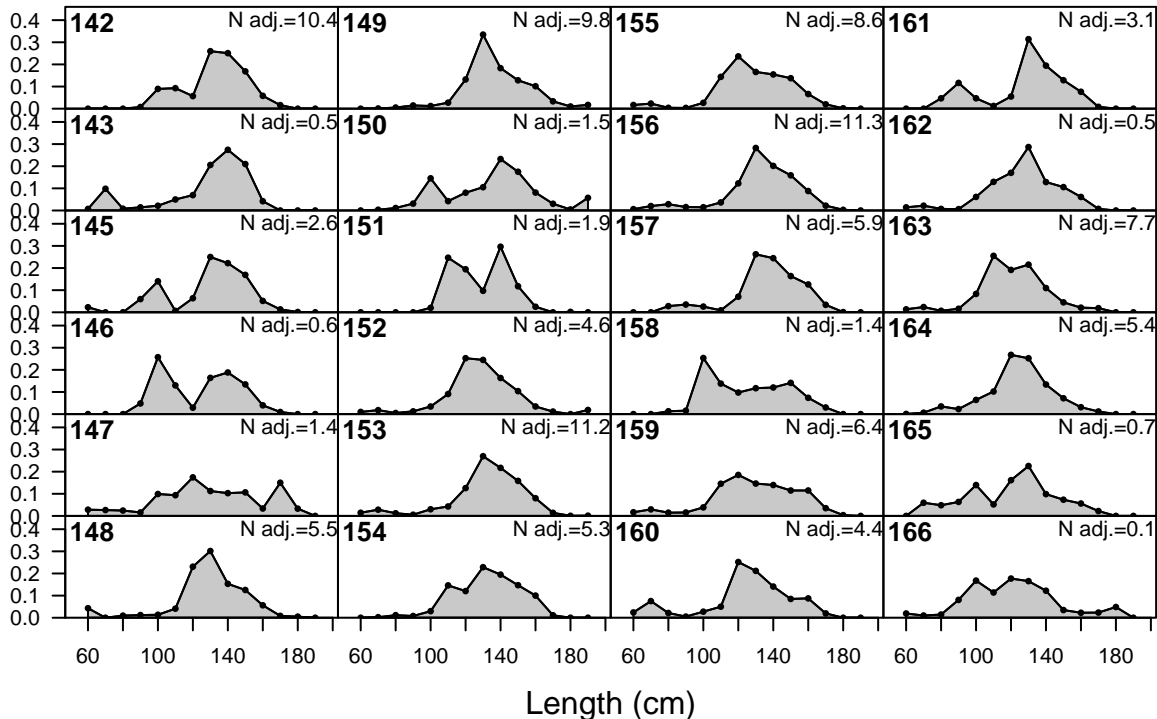
Proportion



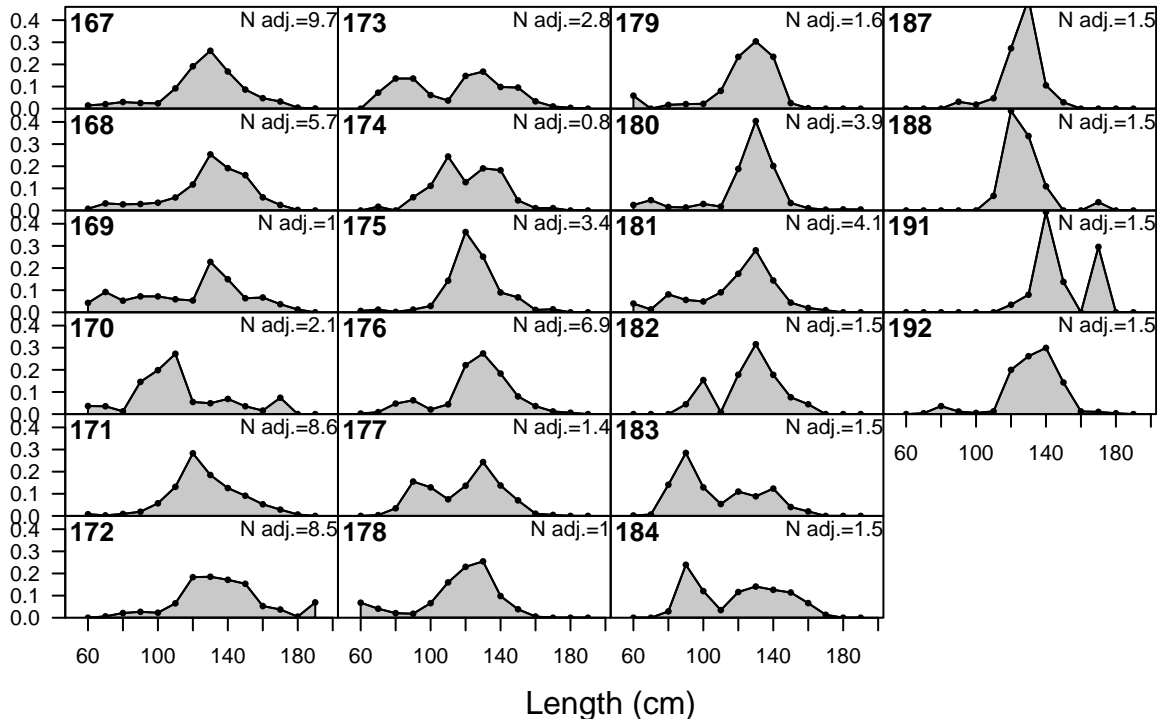
Proportion

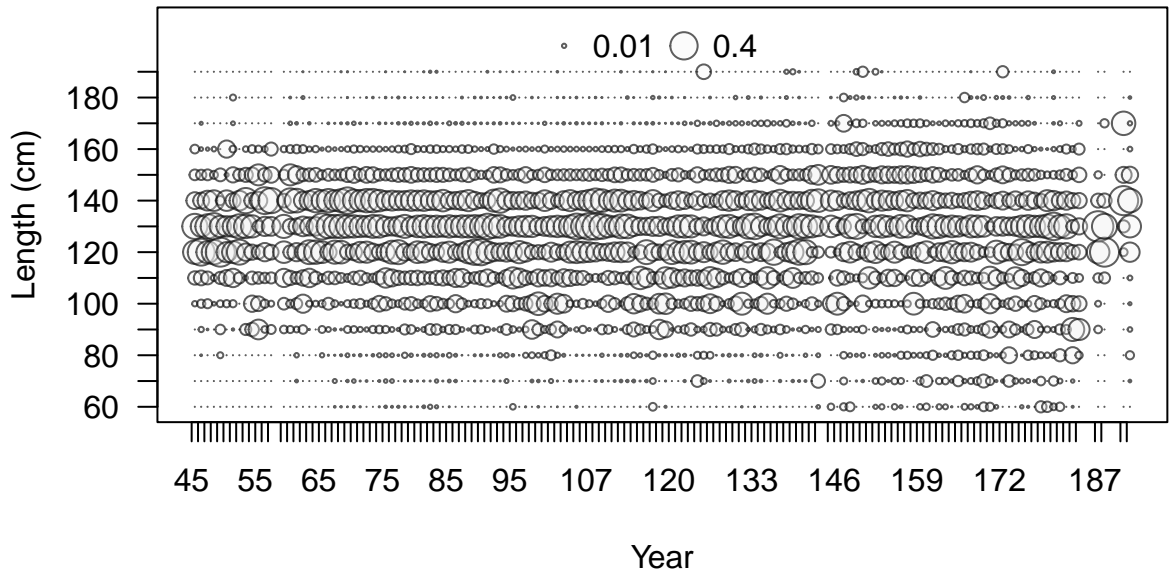


Proportion

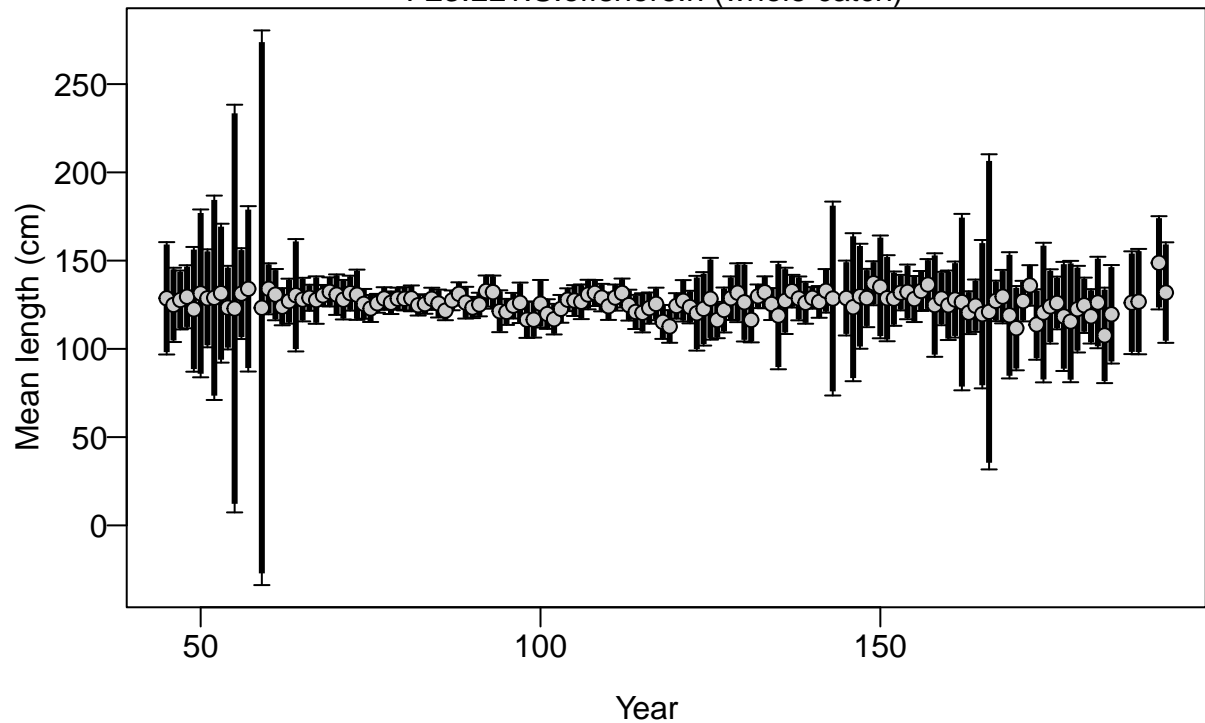


Proportion

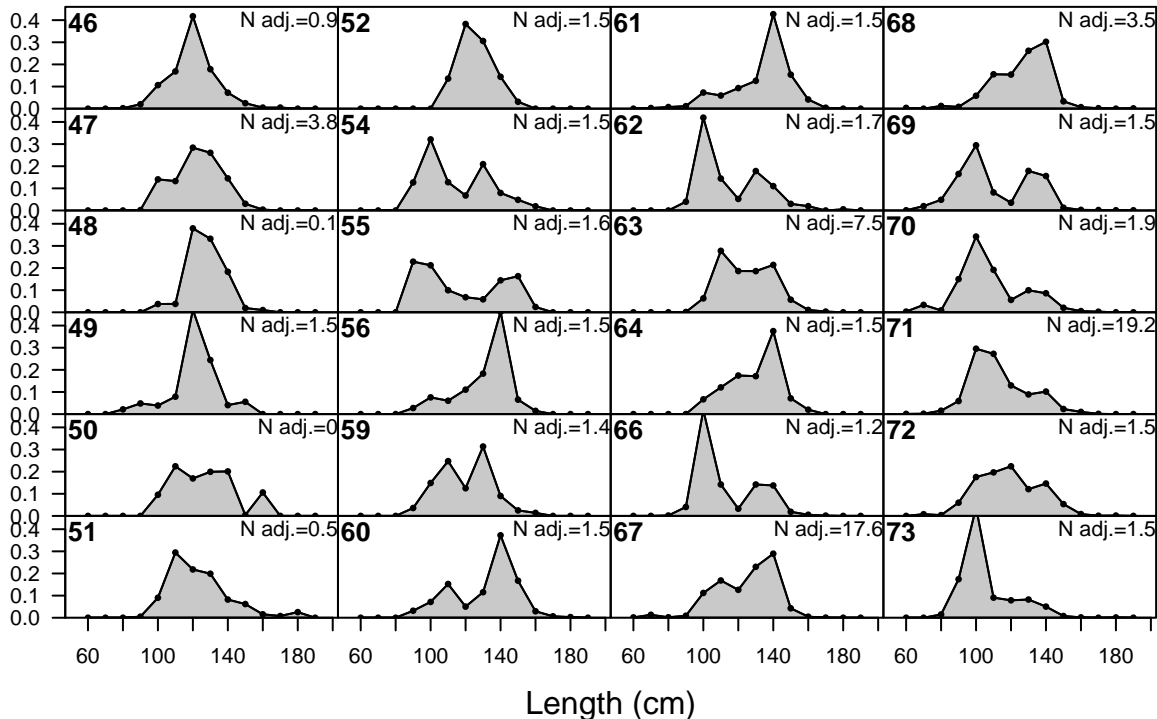




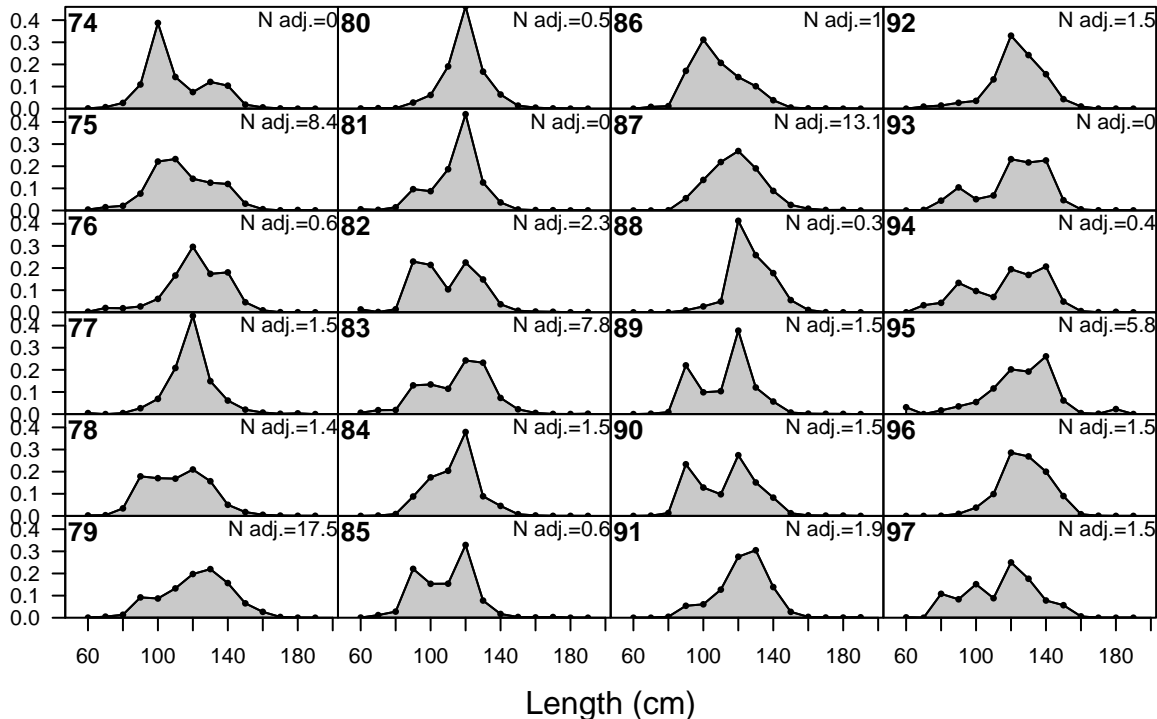
F23.LL1.S.offshore.n (whole catch)



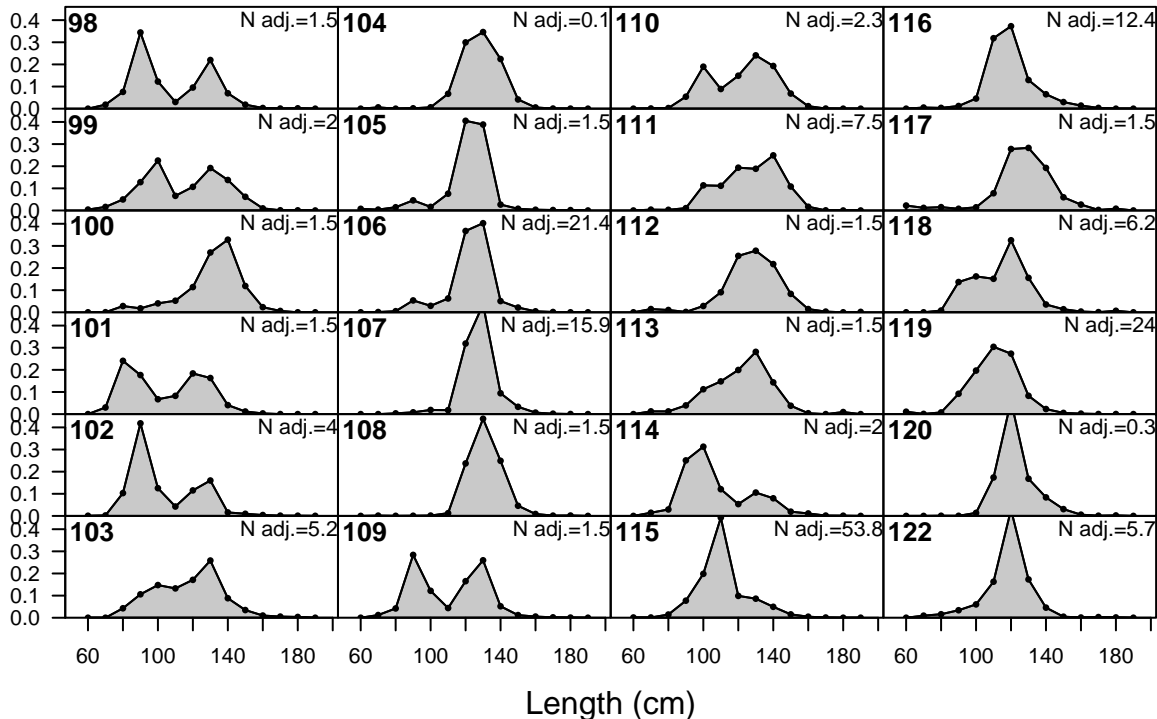
Proportion



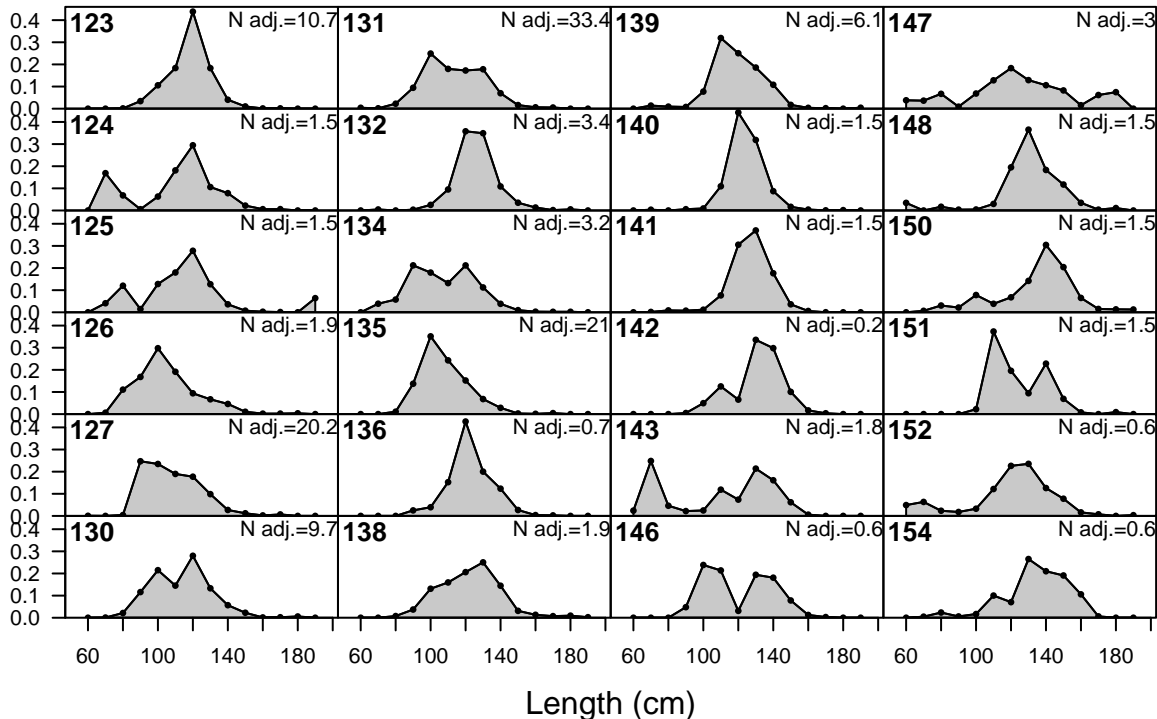
Proportion



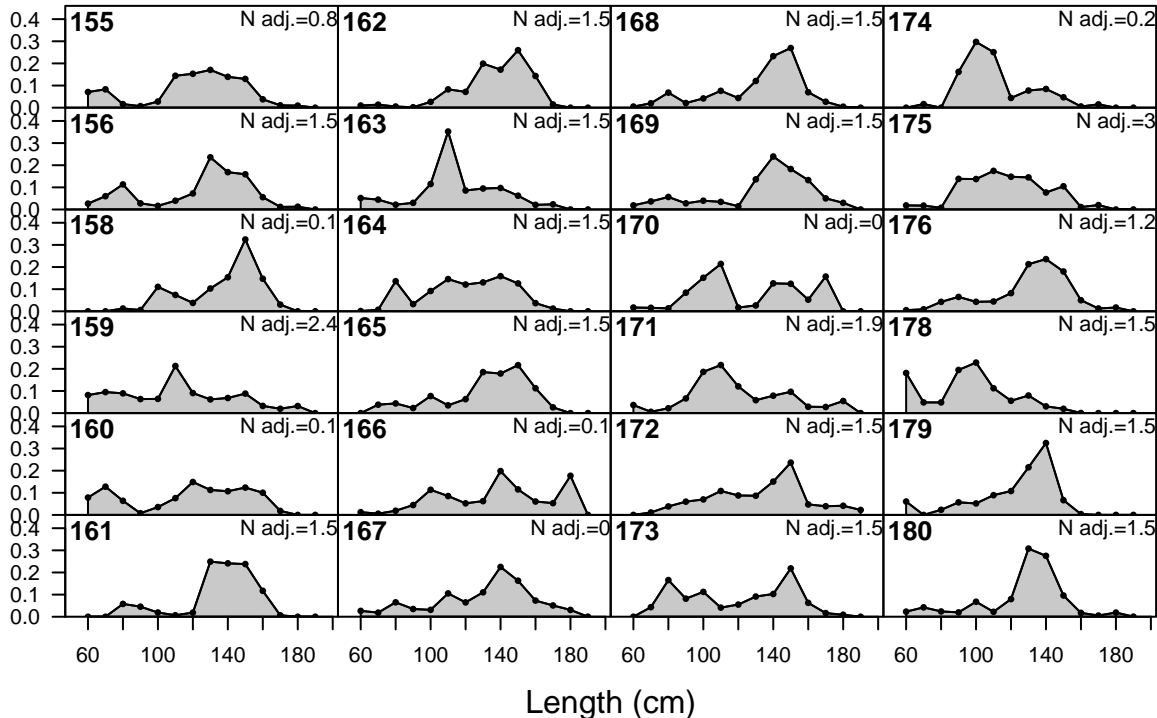
Proportion



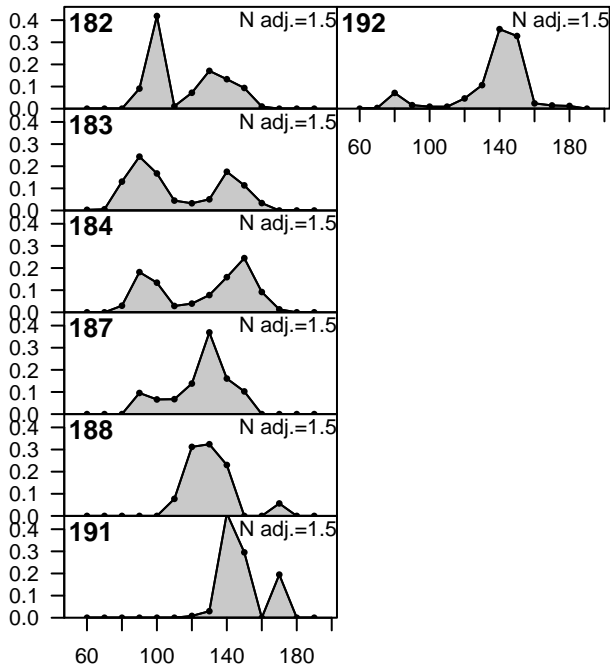
Proportion



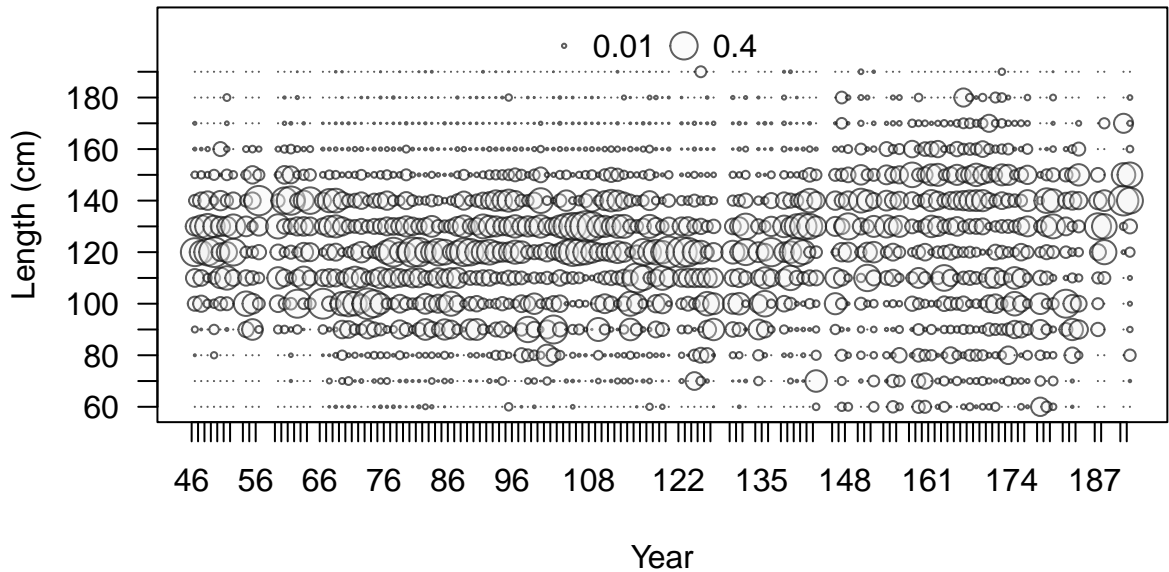
Proportion



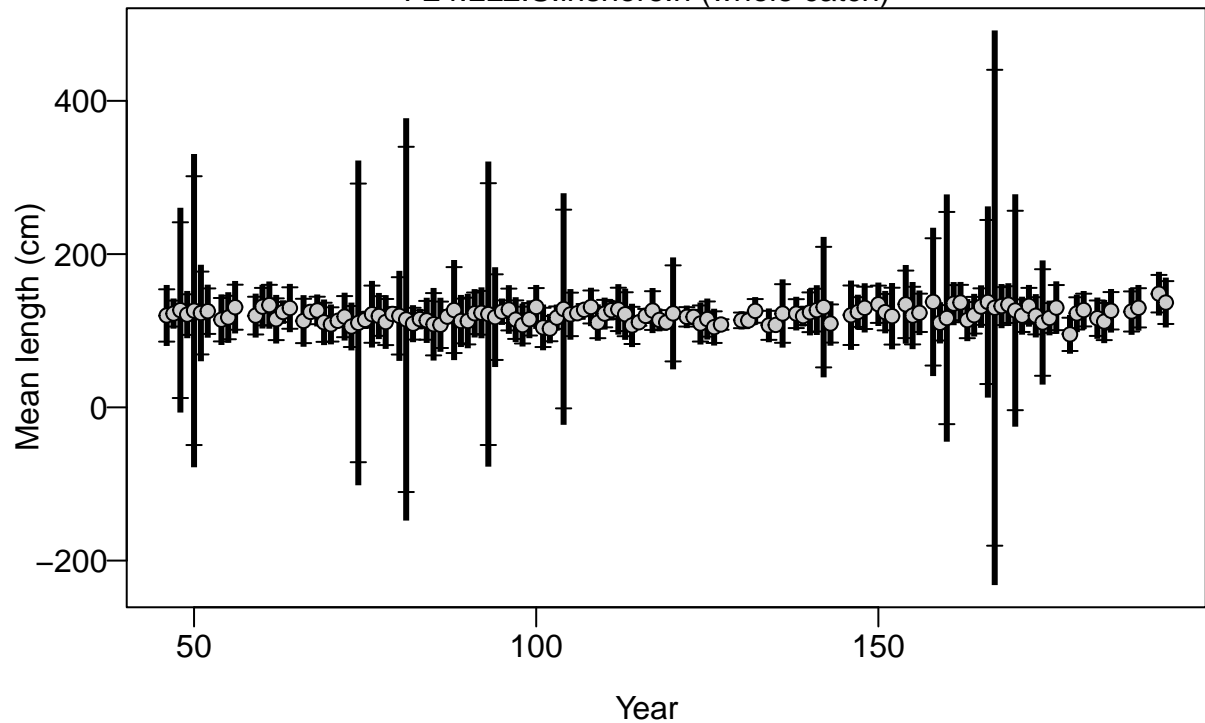
Proportion



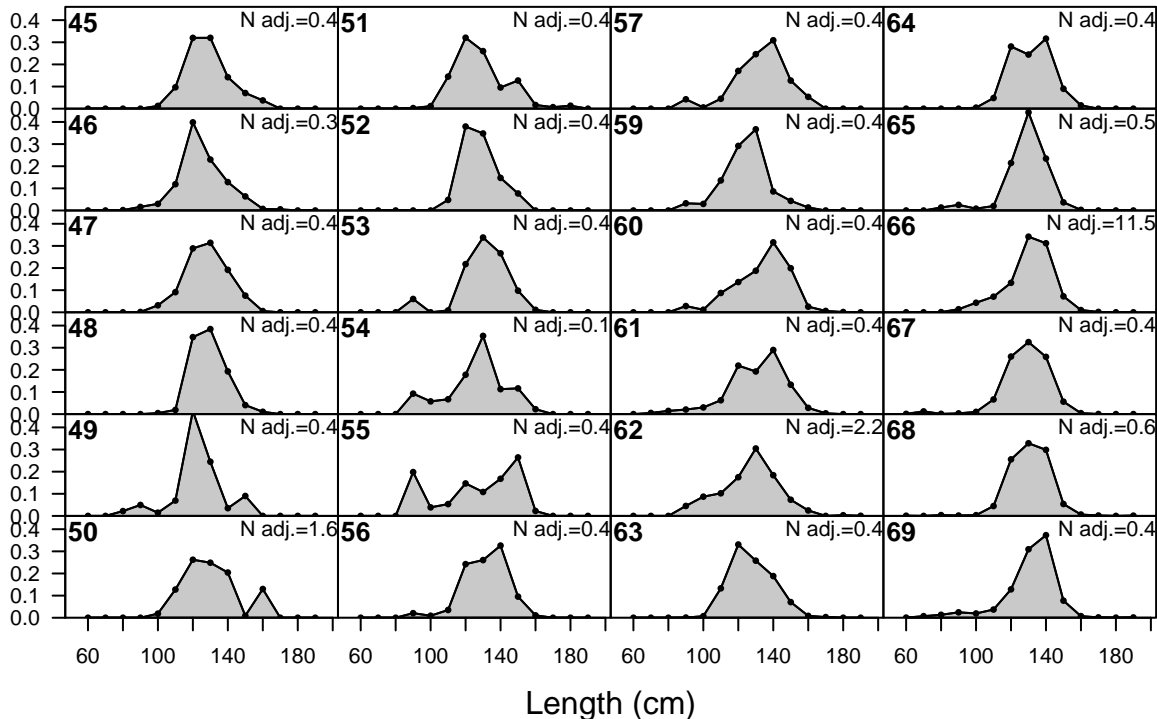
Length (cm)



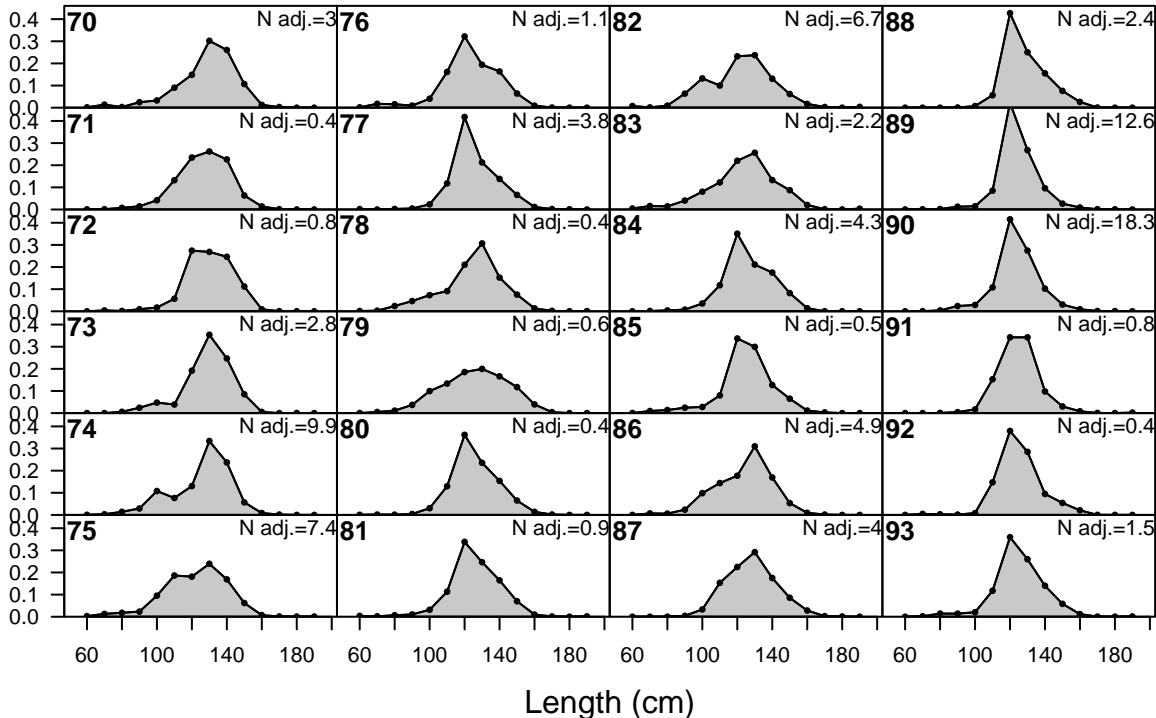
F24.LL2.S.inshore.n (whole catch)



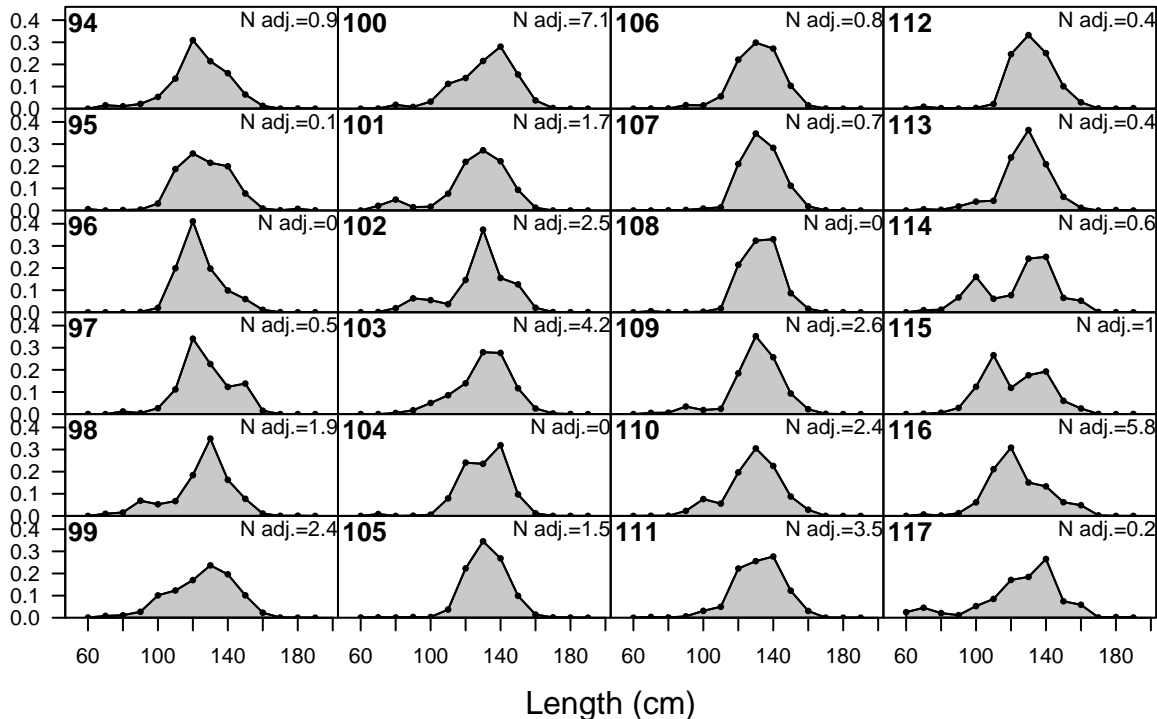
Proportion



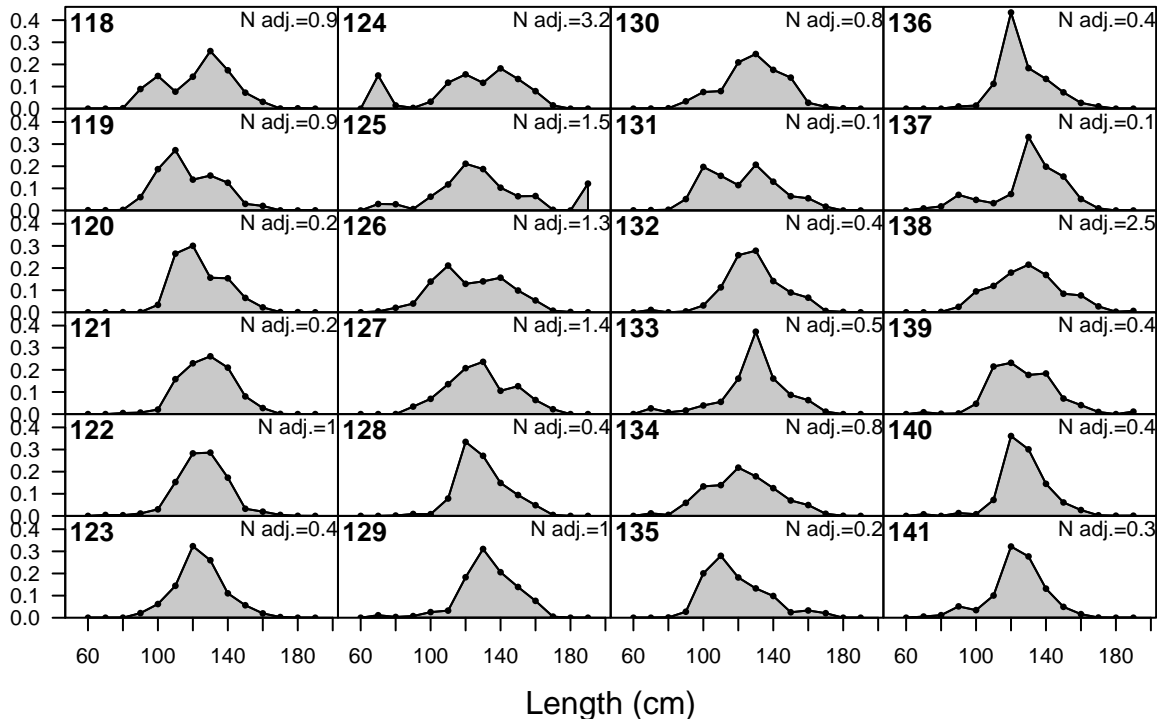
Proportion



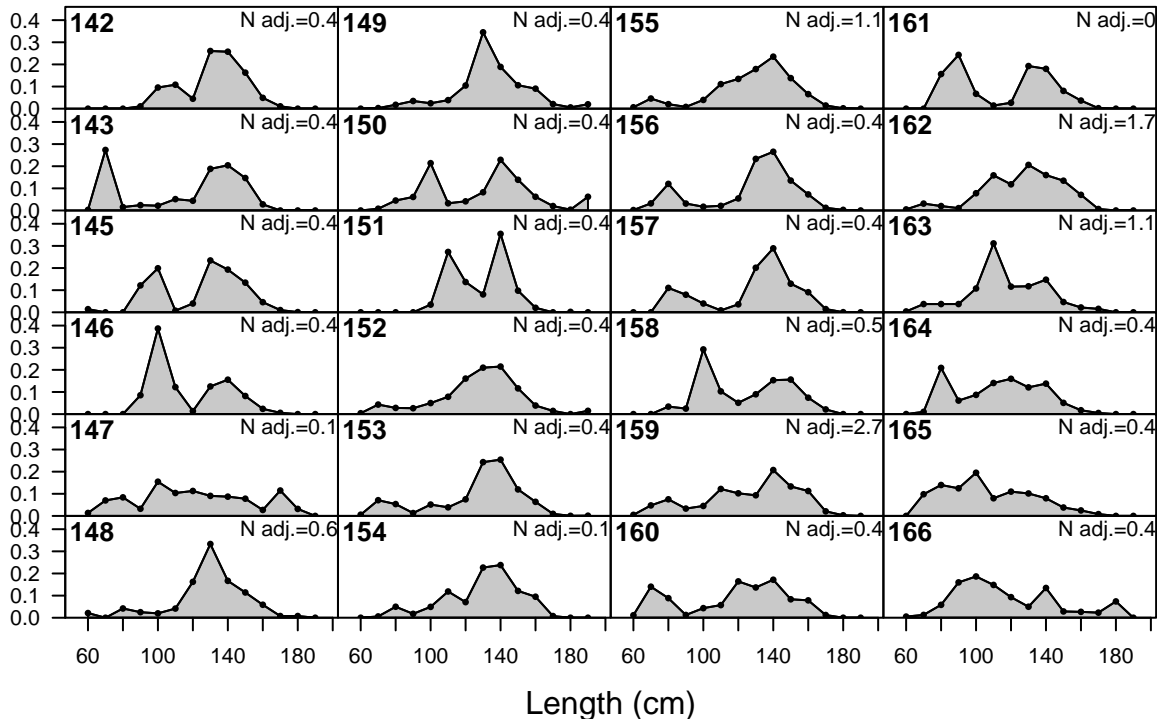
Proportion



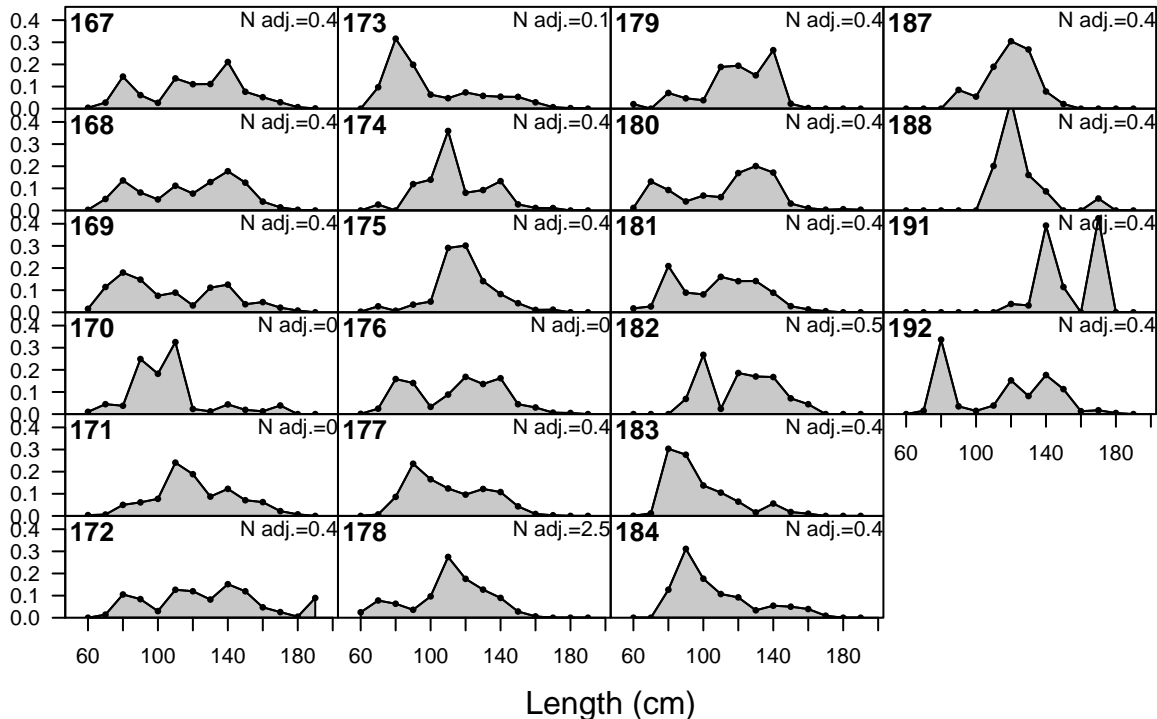
Proportion

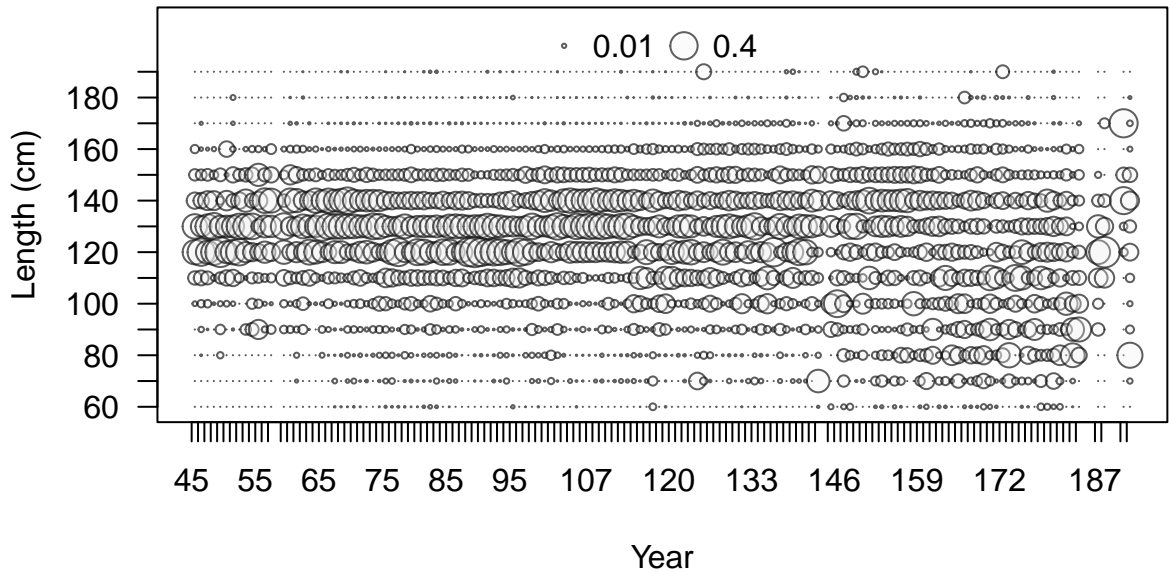


Proportion

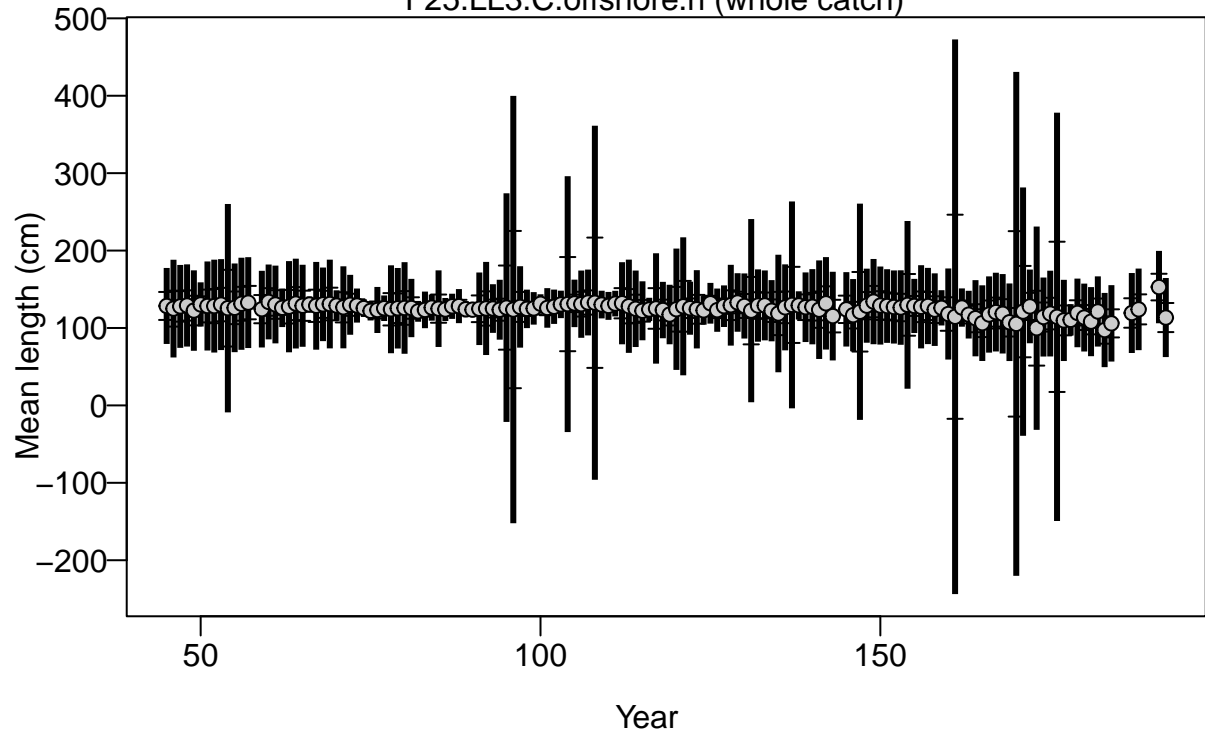


Proportion

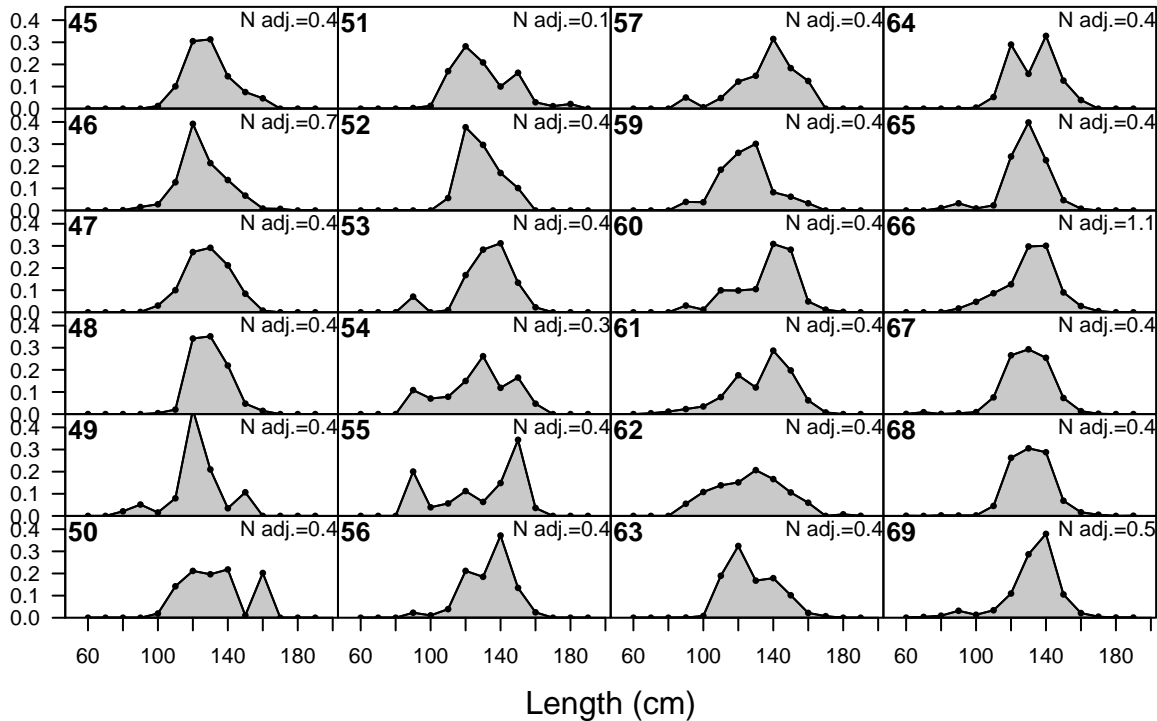




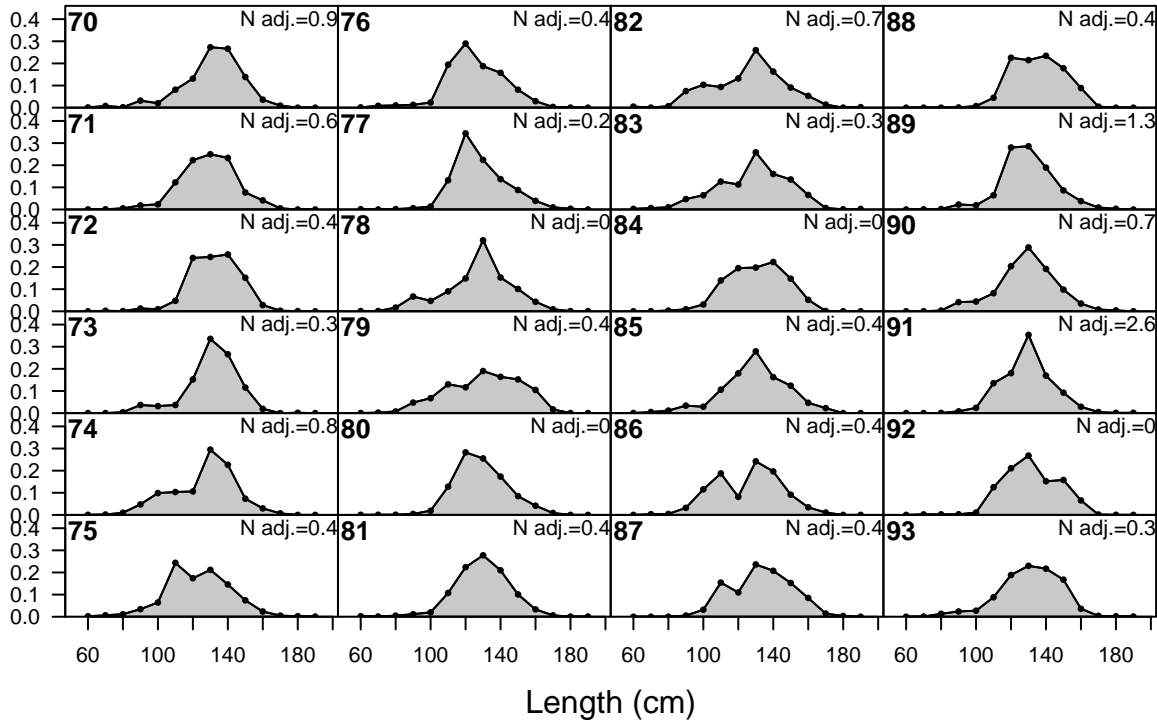
F25.LL3.C.offshore.n (whole catch)



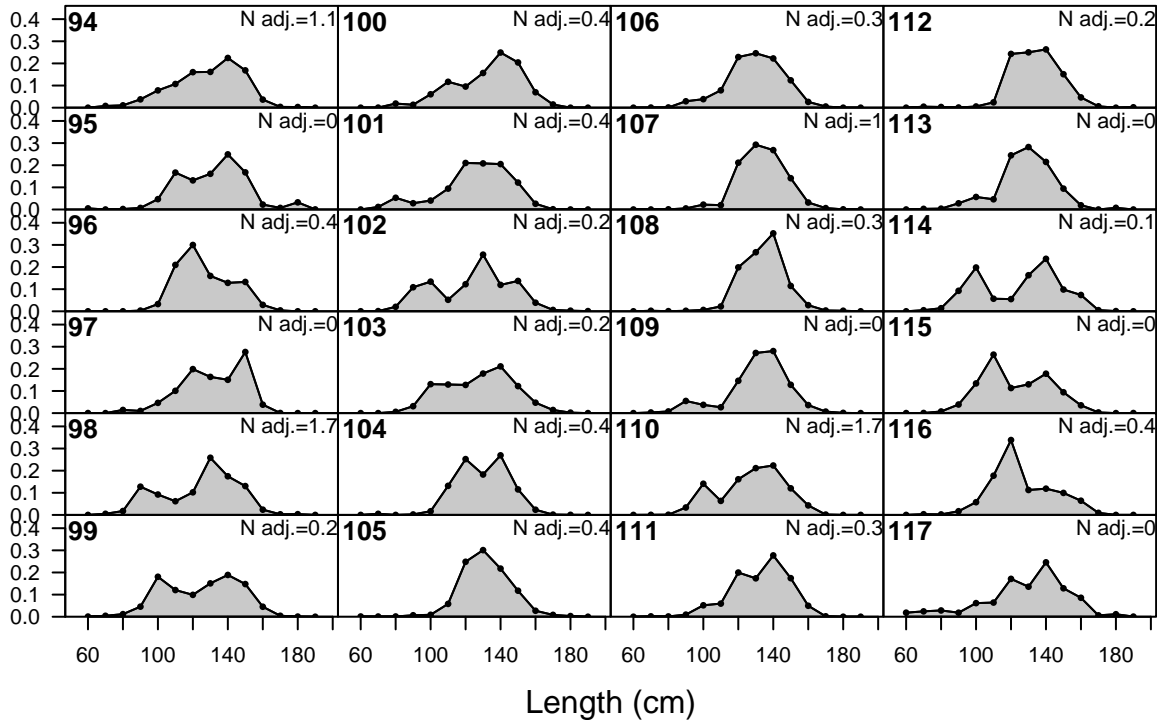
Proportion



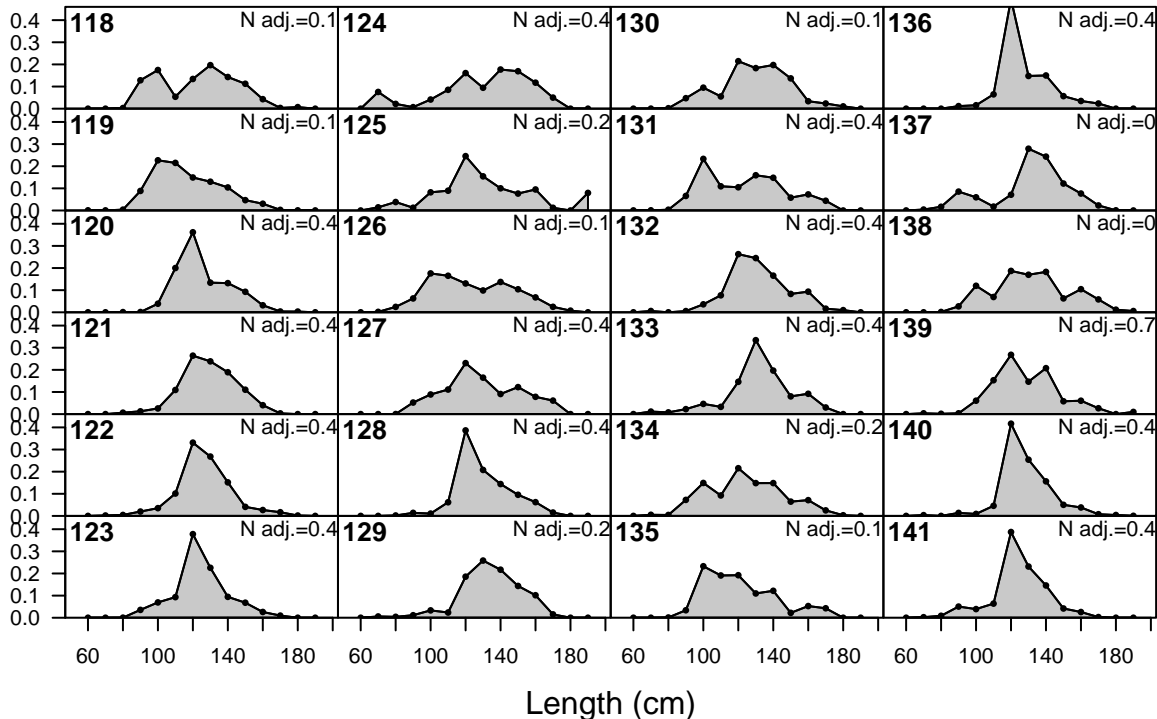
Proportion



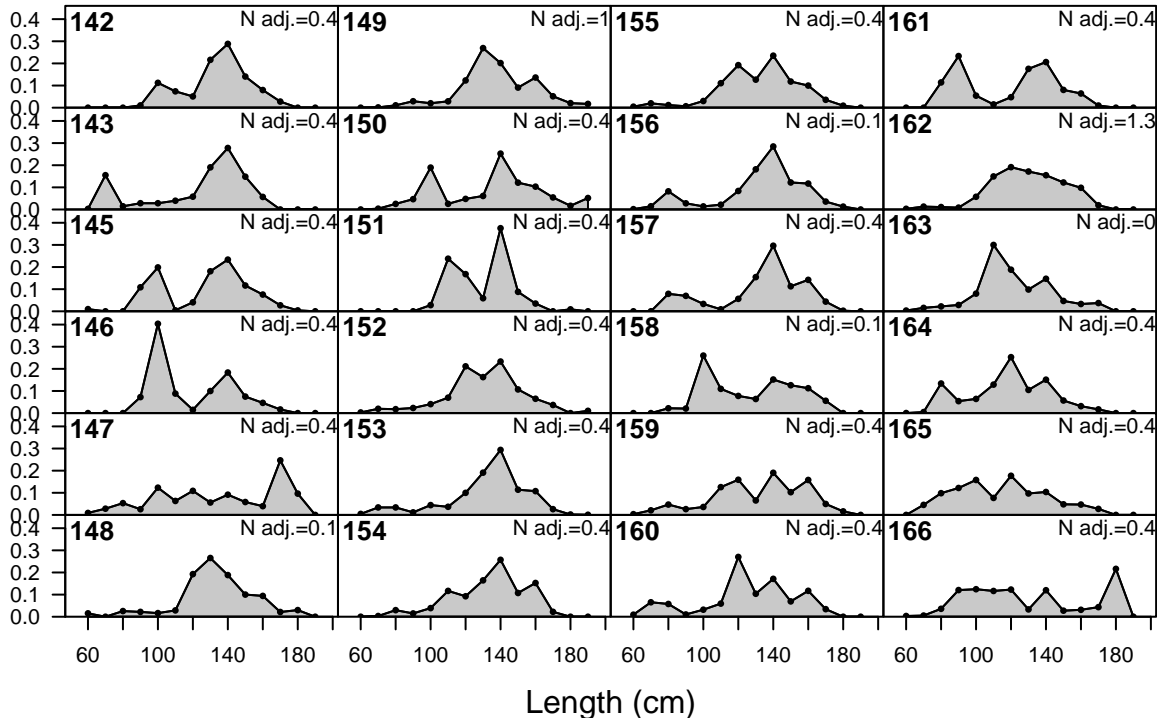
Proportion



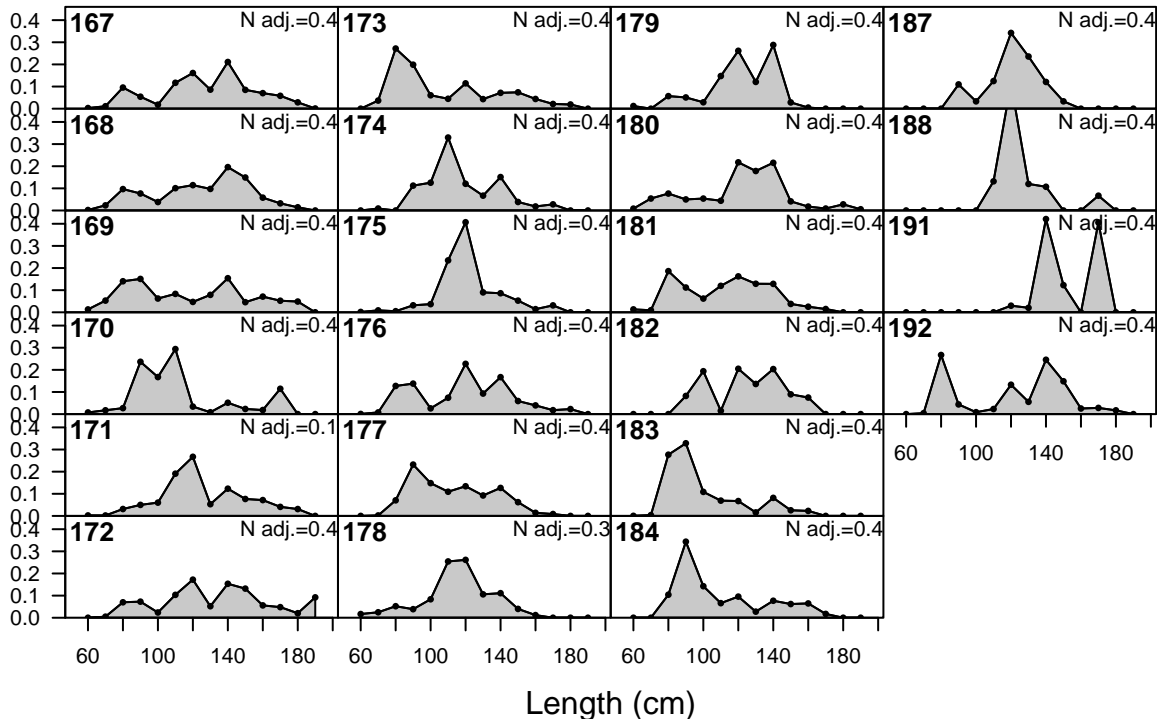
Proportion

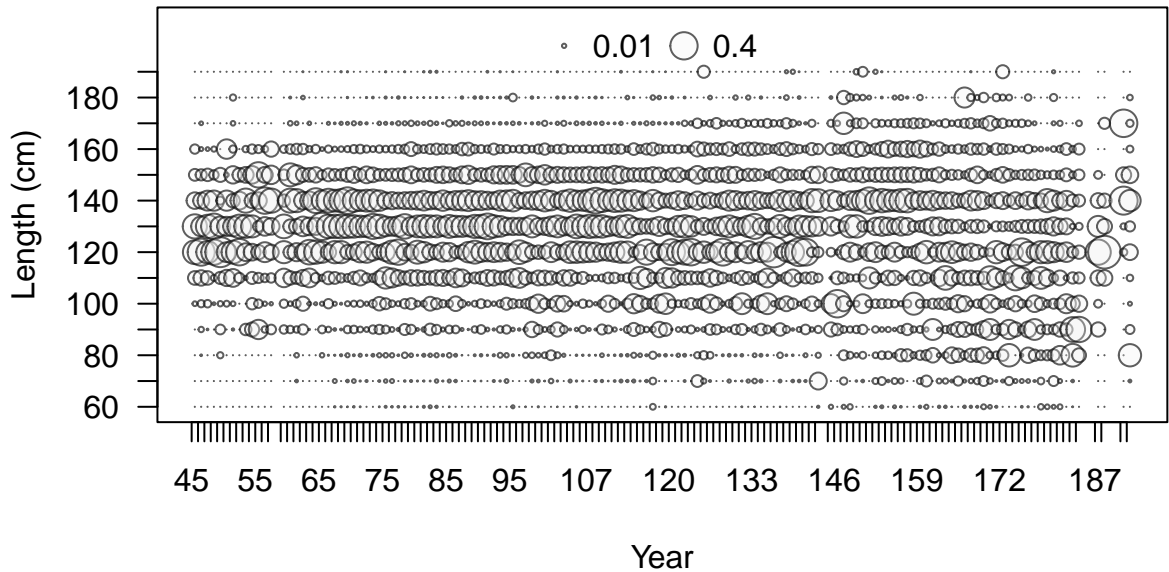


Proportion

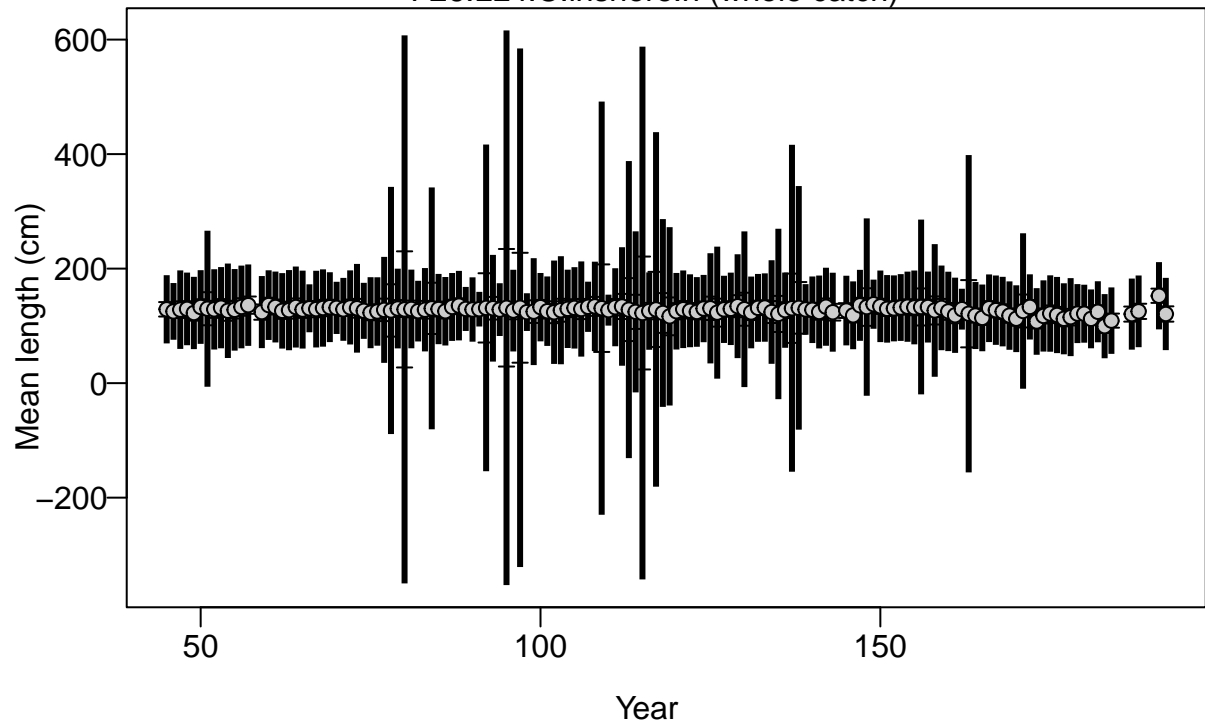


Proportion

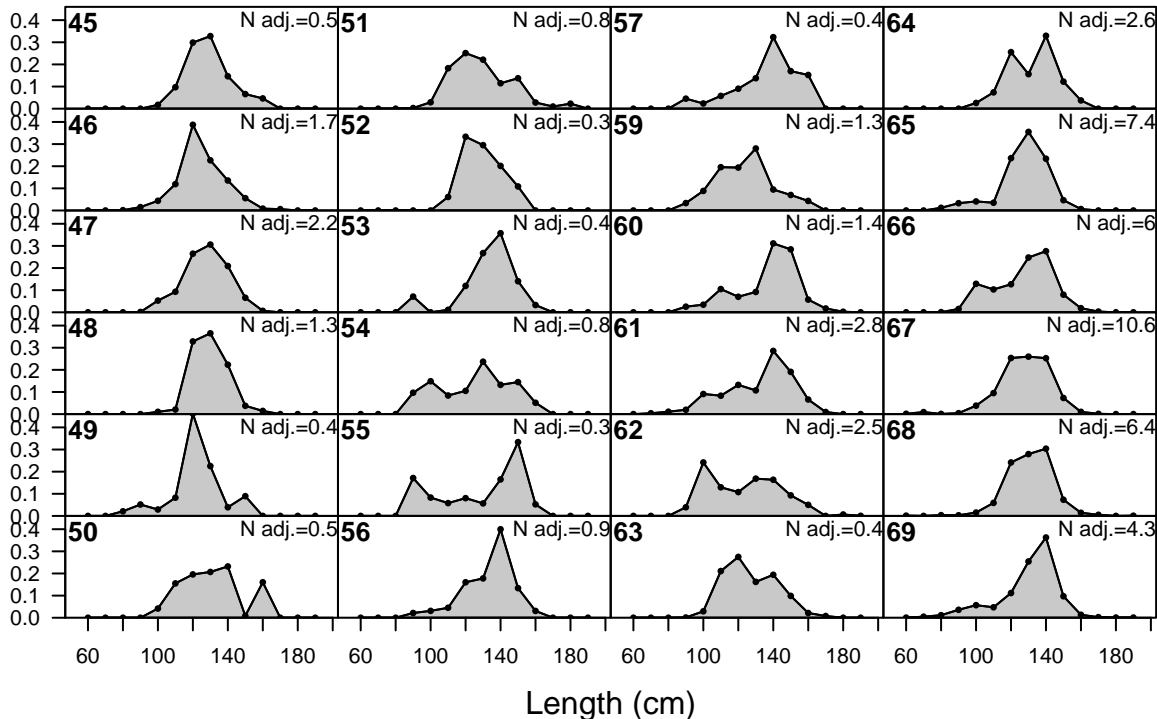




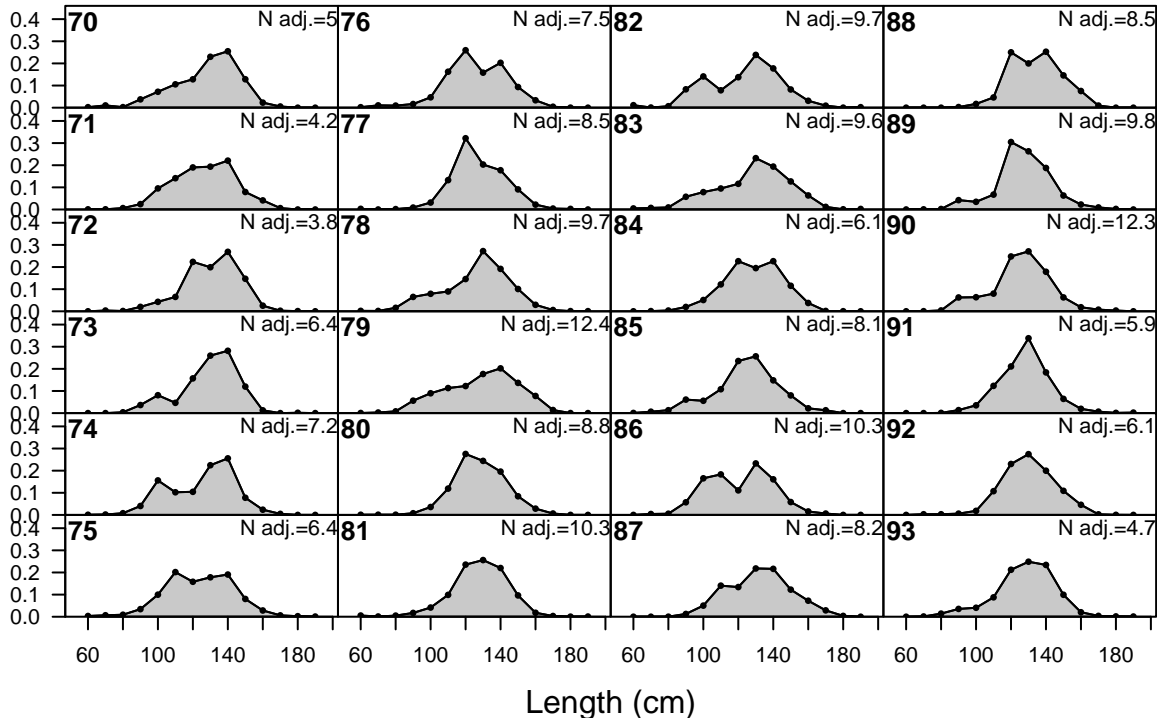
F26.LL4.C.inshore.n (whole catch)



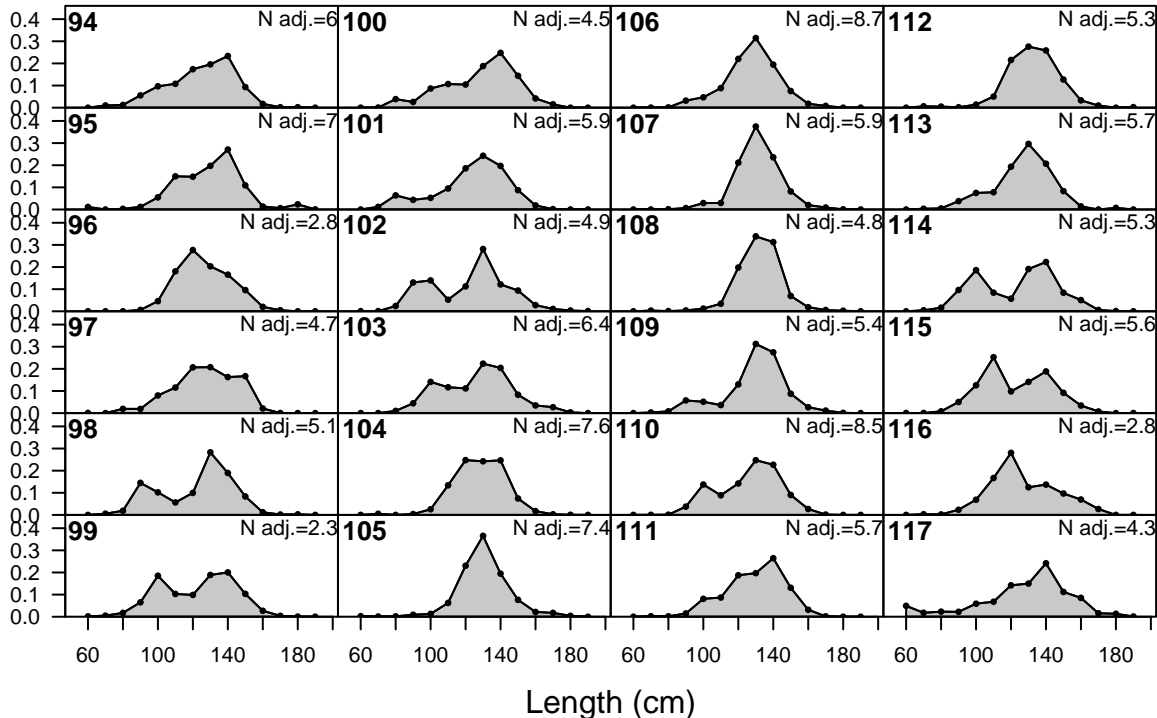
Proportion



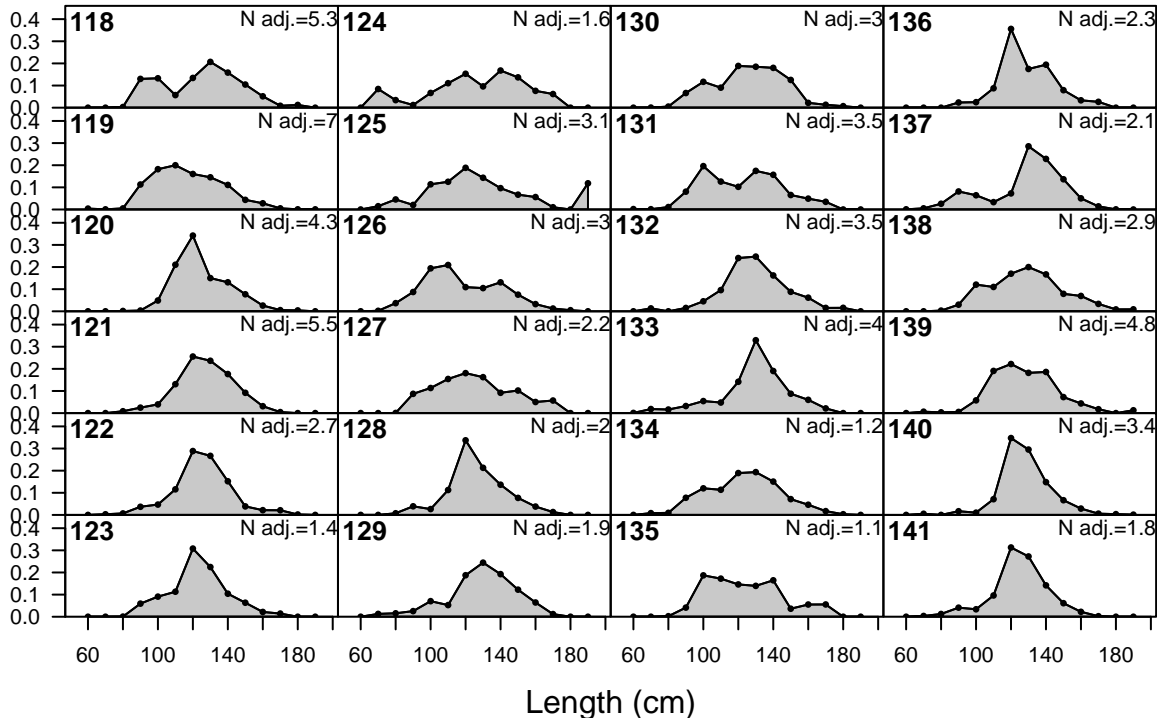
Proportion



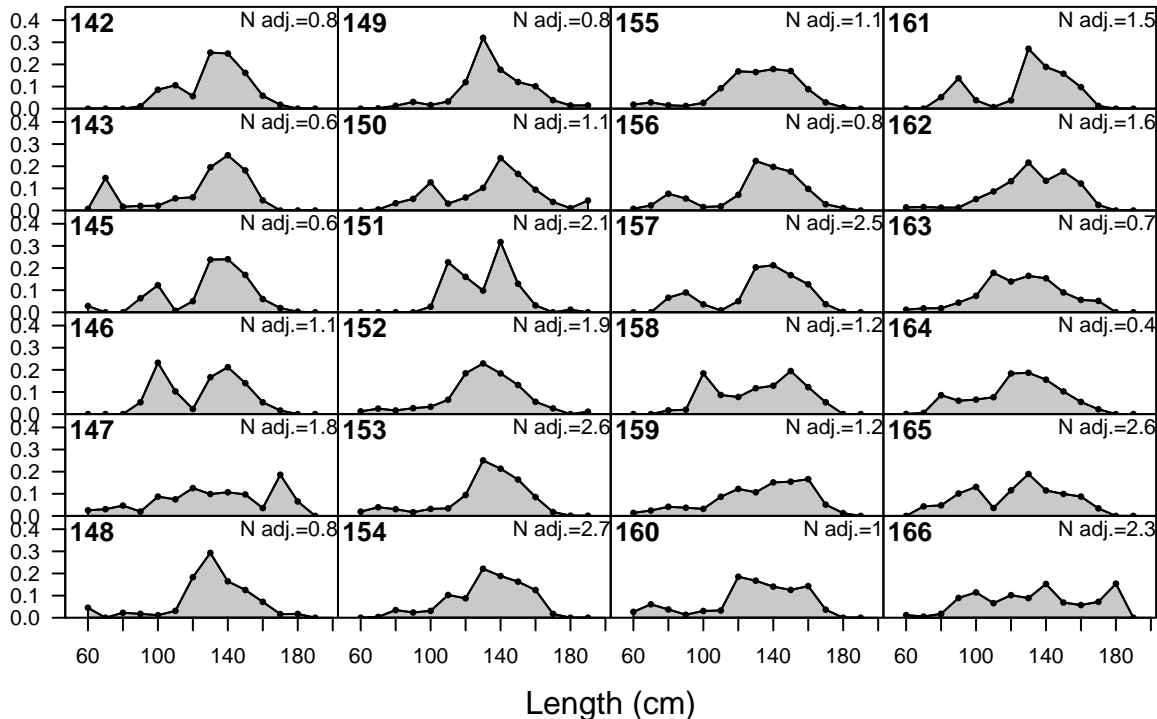
Proportion



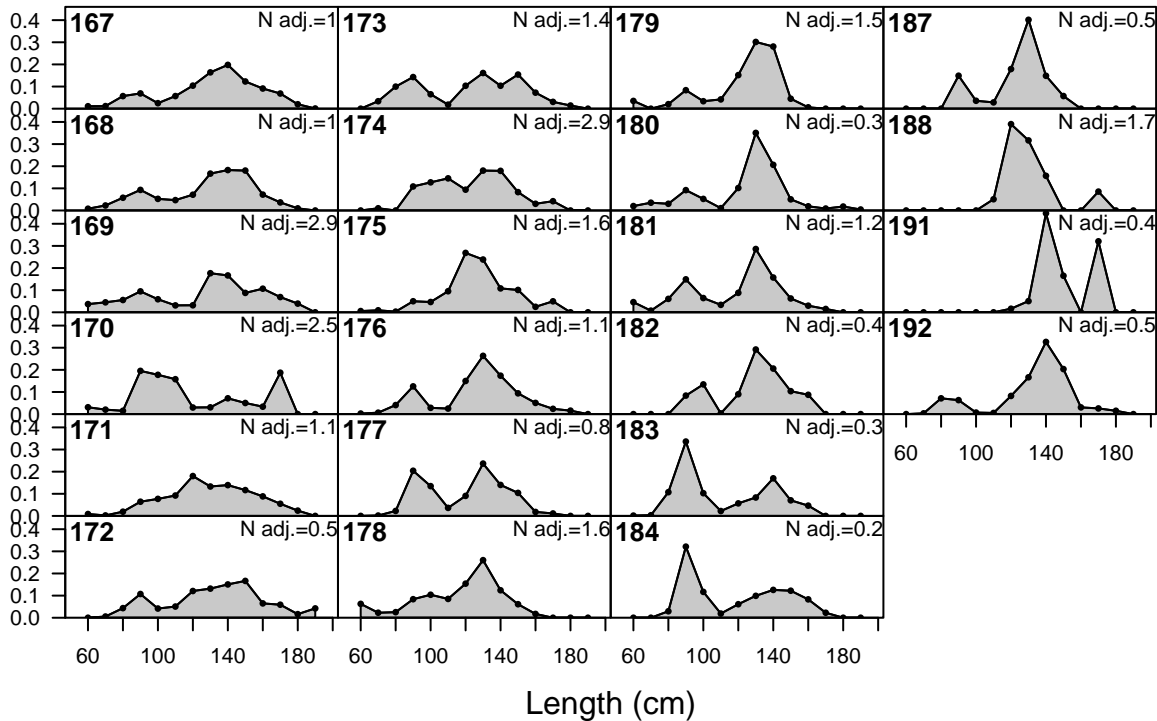
Proportion

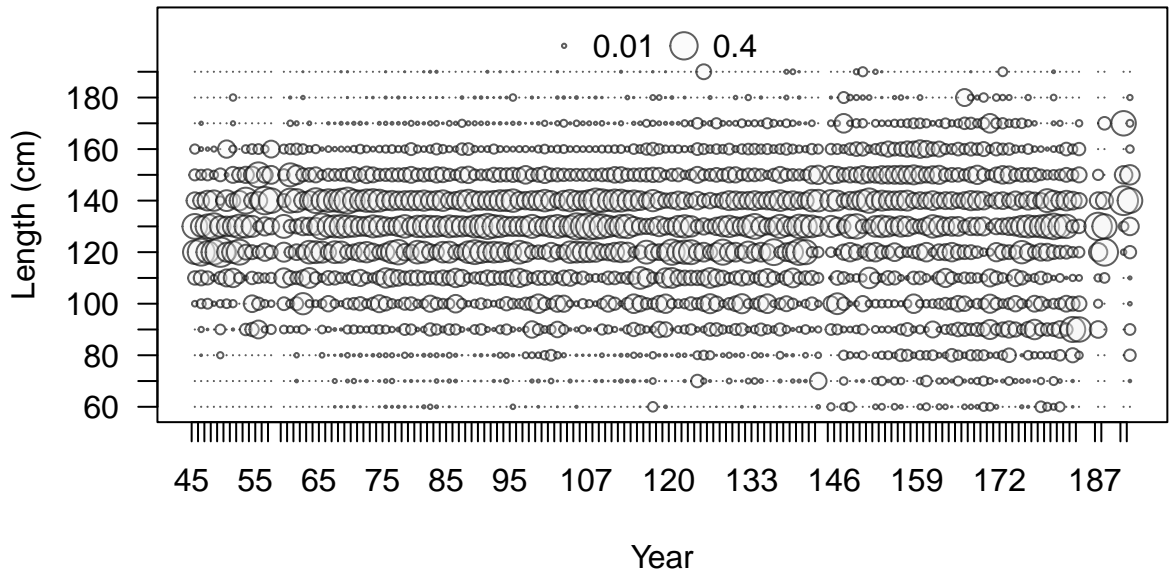


Proportion

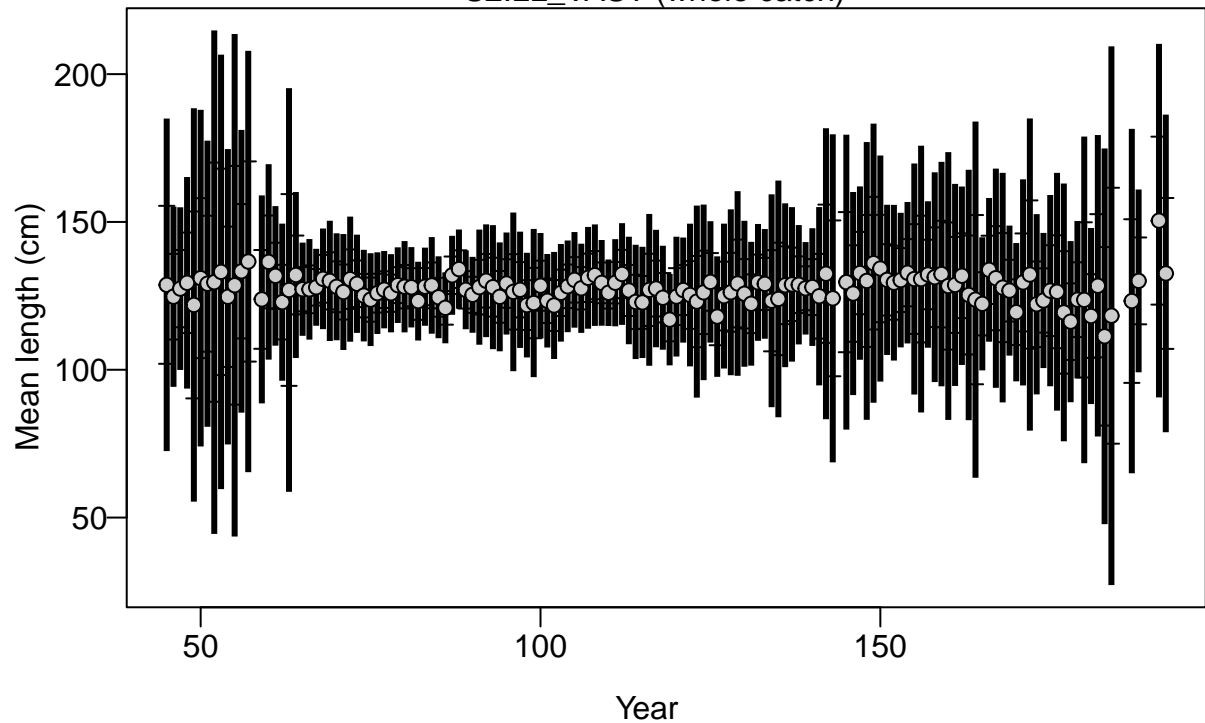


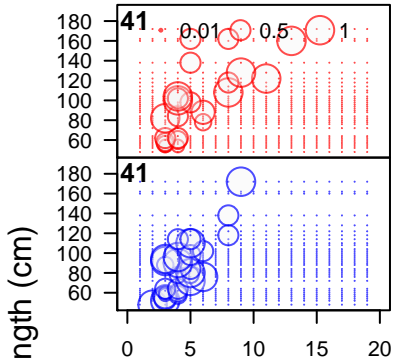
Proportion



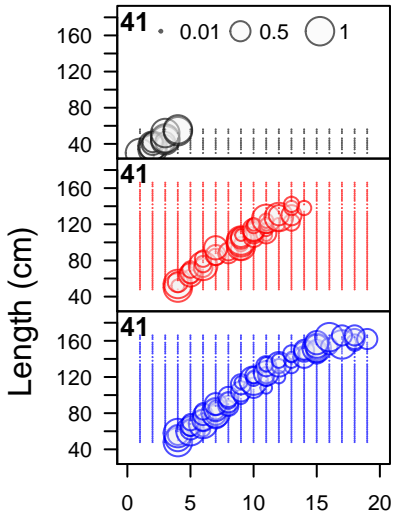


S2.LL_VAST (whole catch)



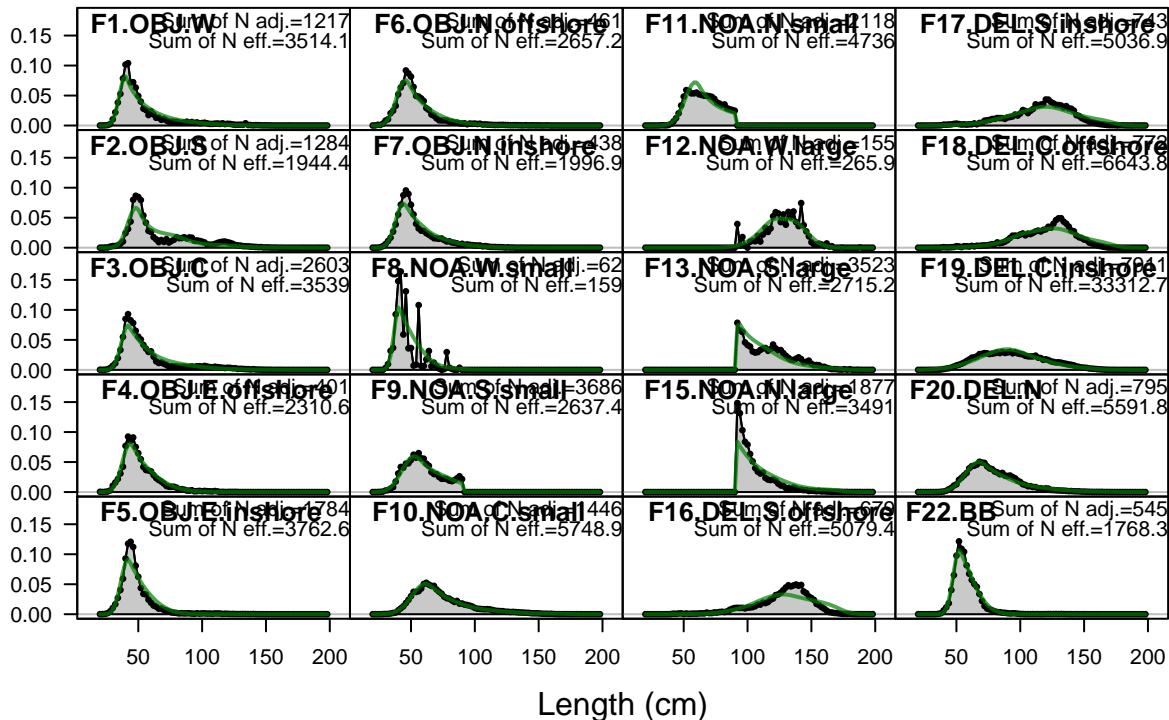


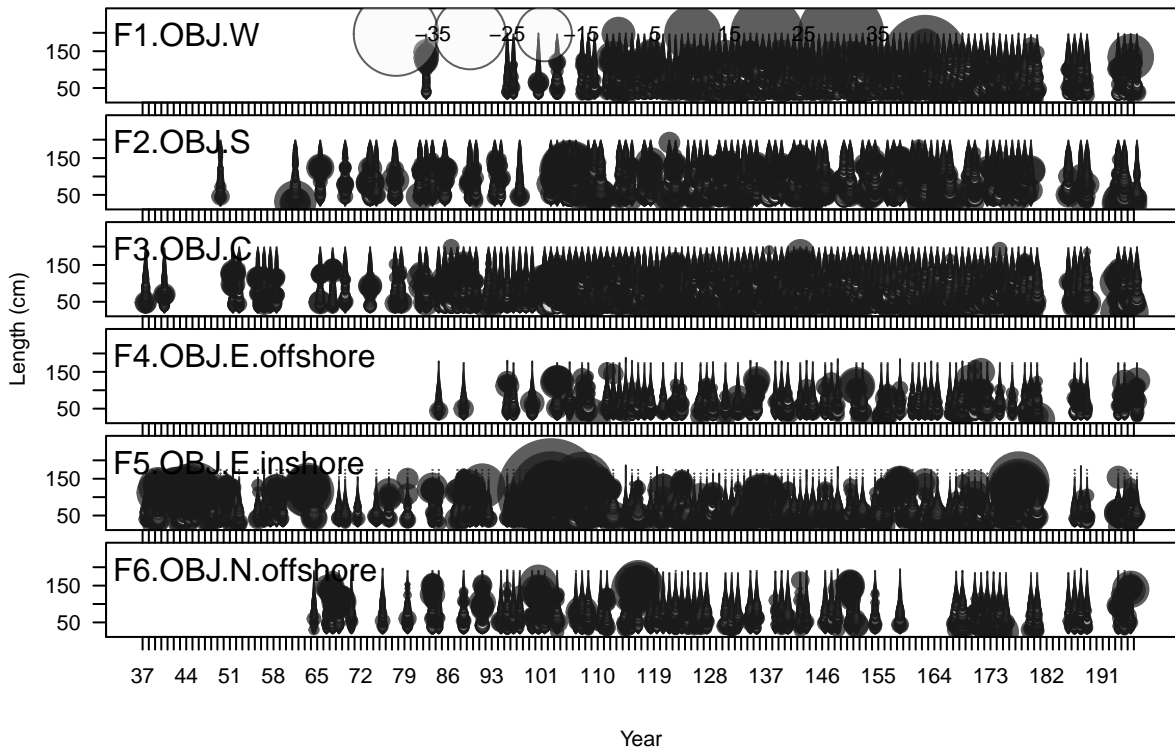
Age (yr)

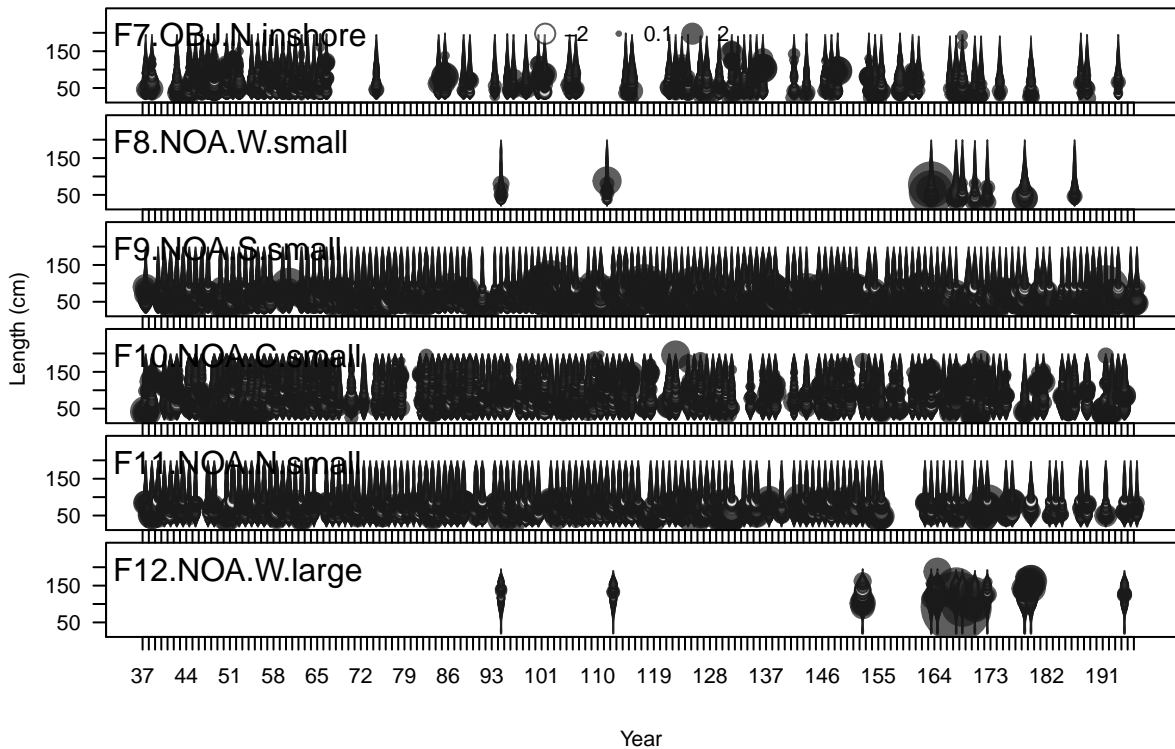


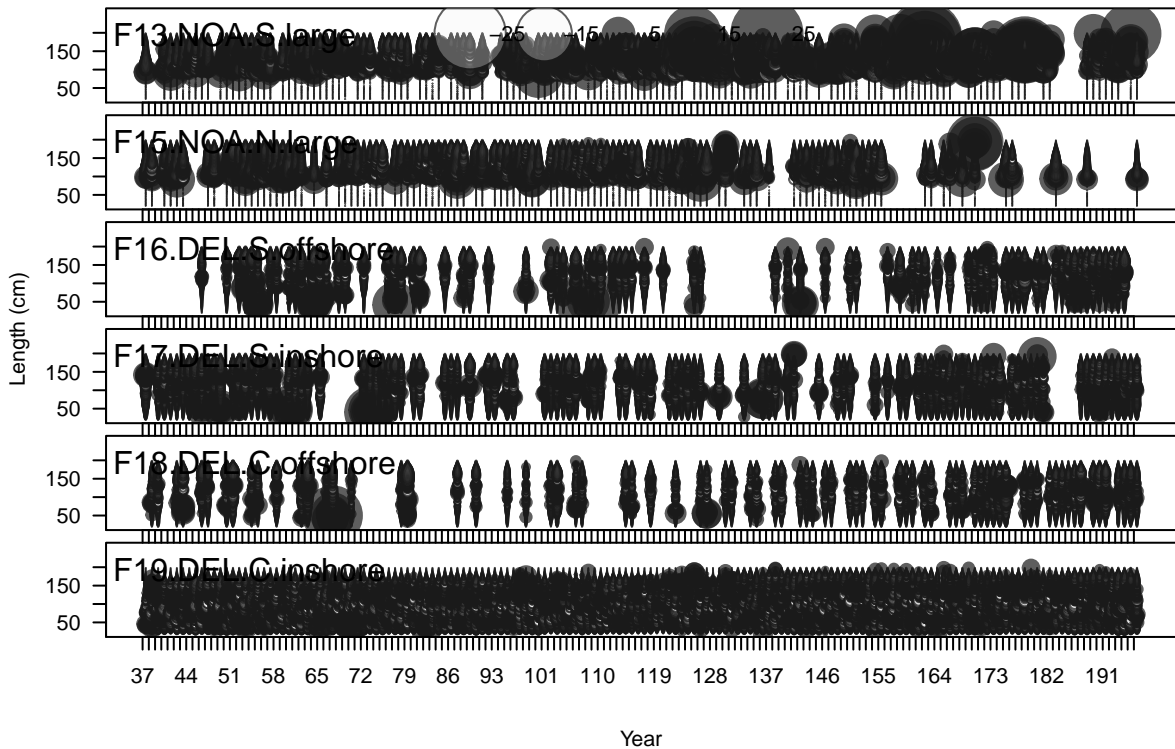
Age (yr)

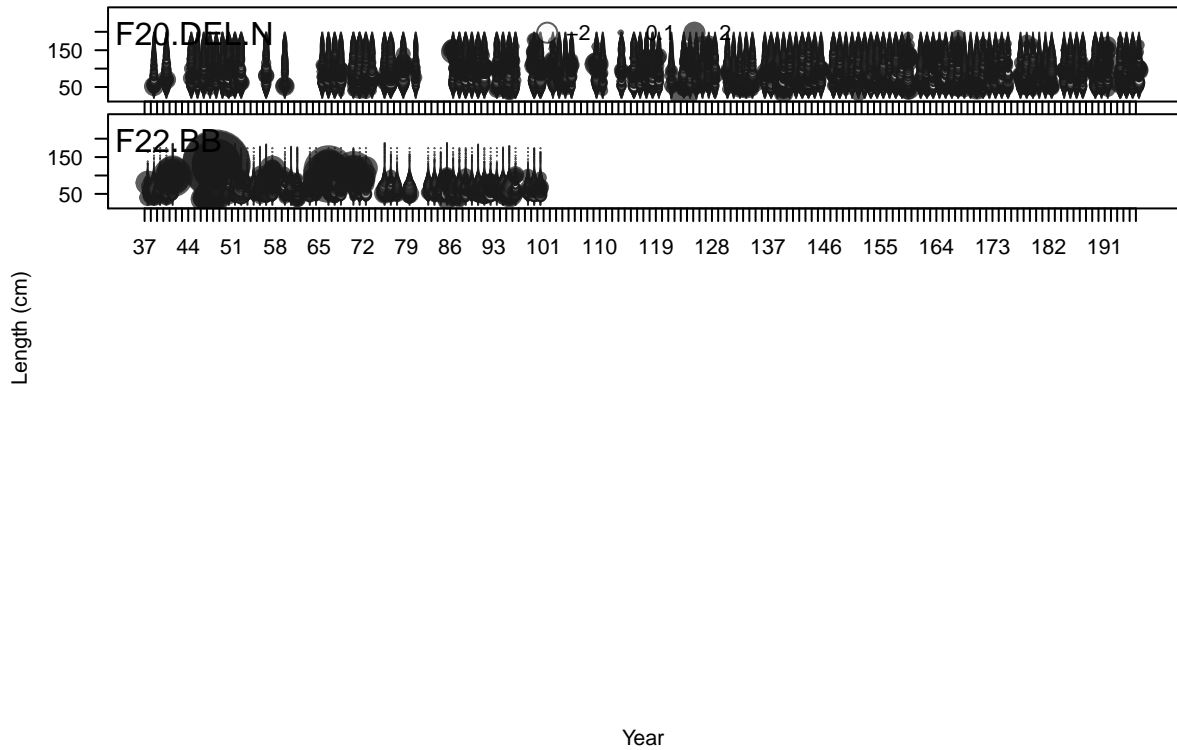
Proportion



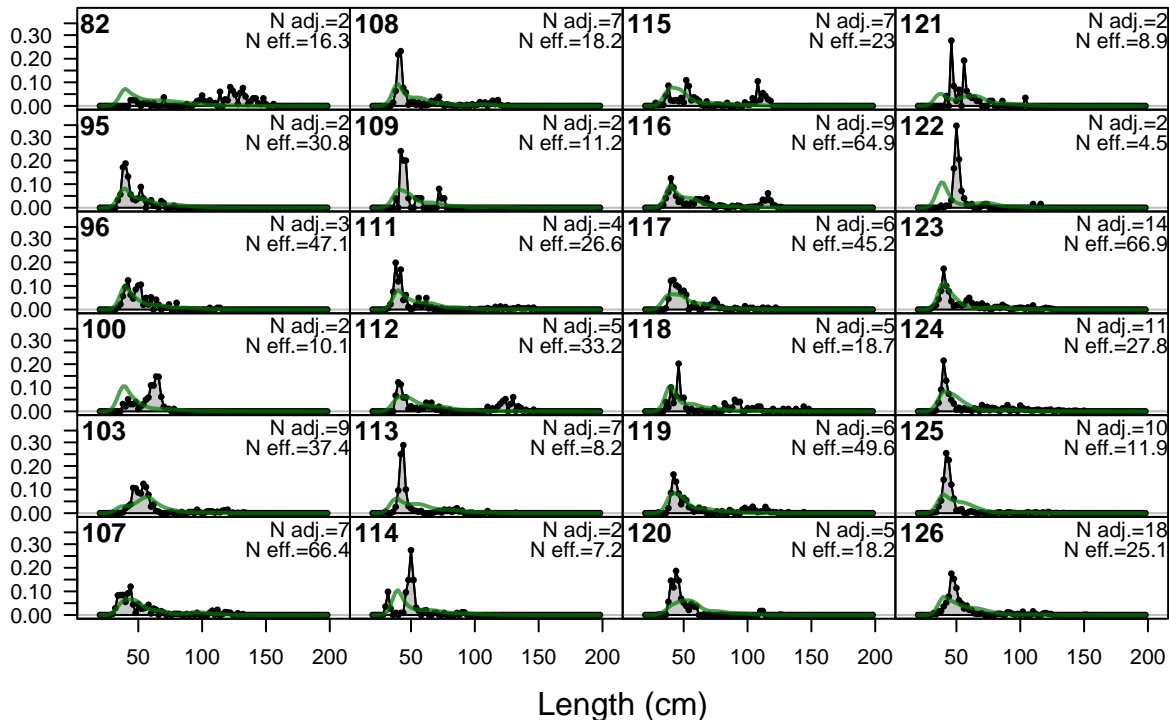




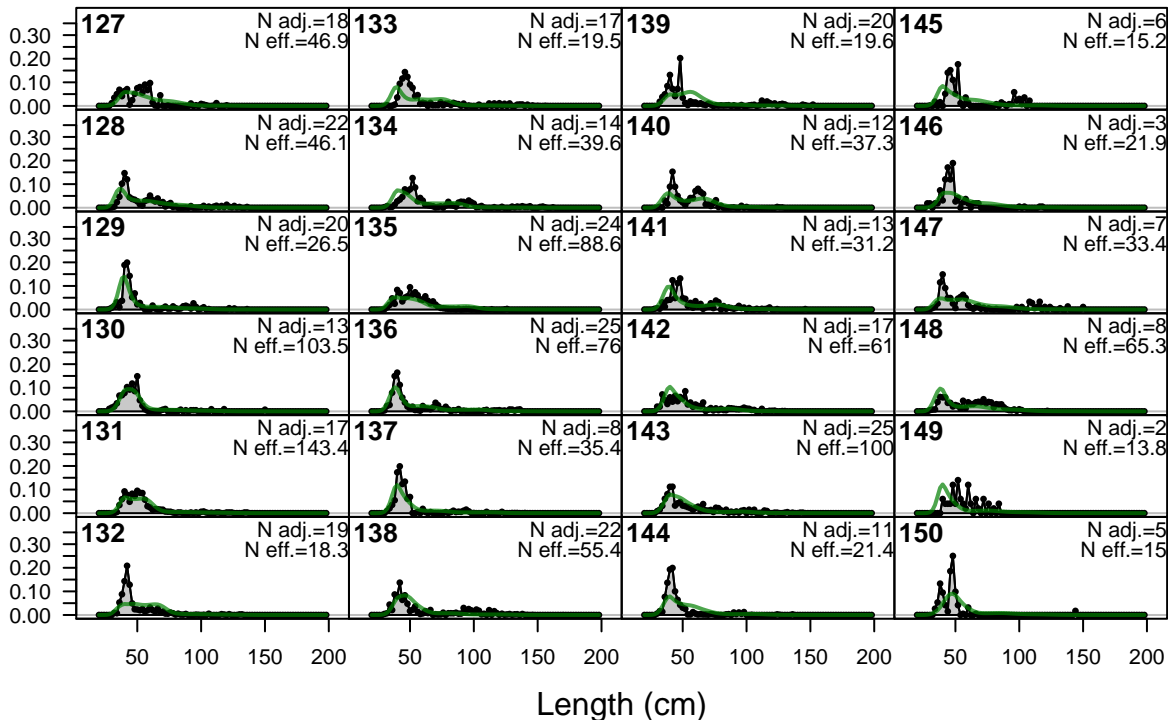




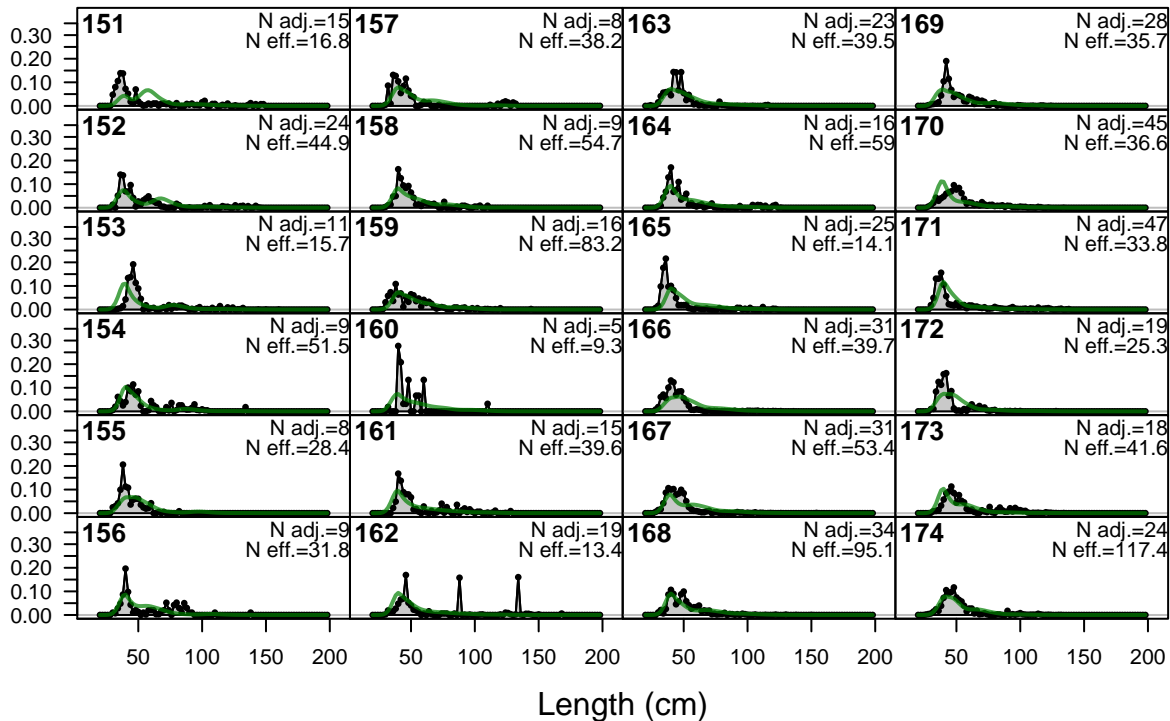
Proportion



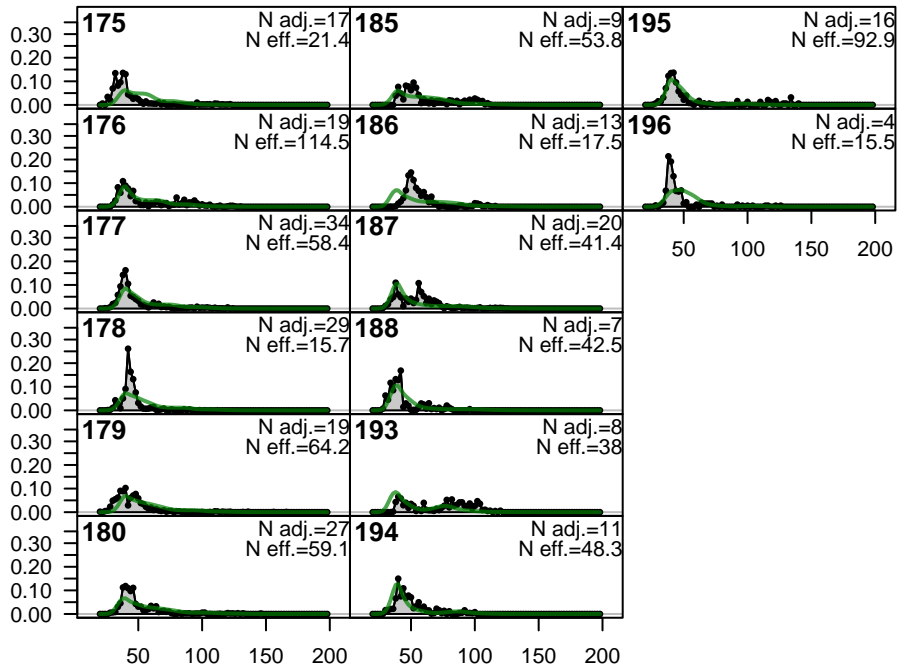
Proportion



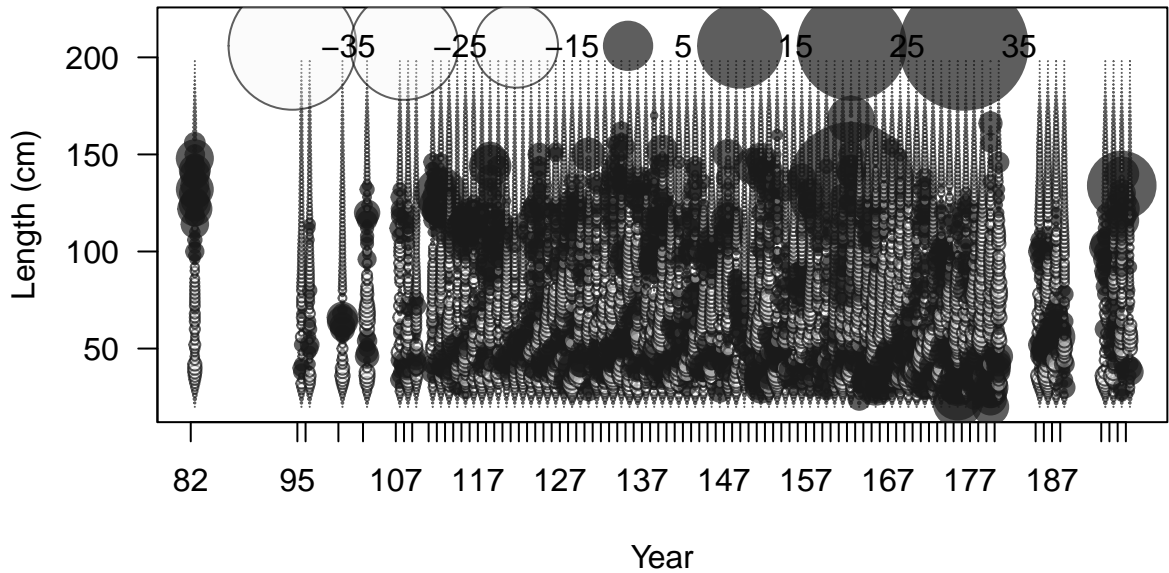
Proportion



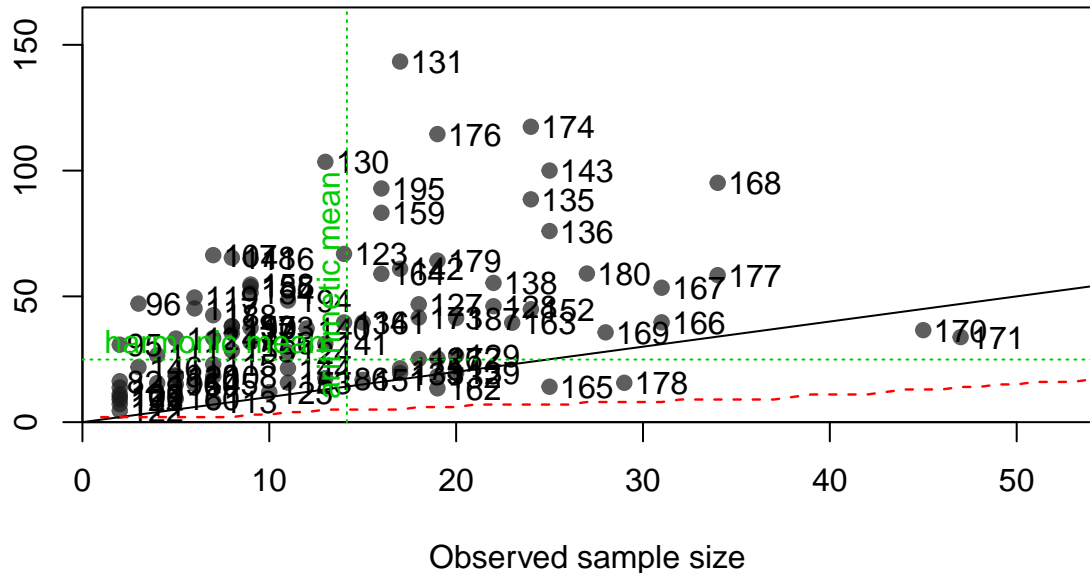
Proportion



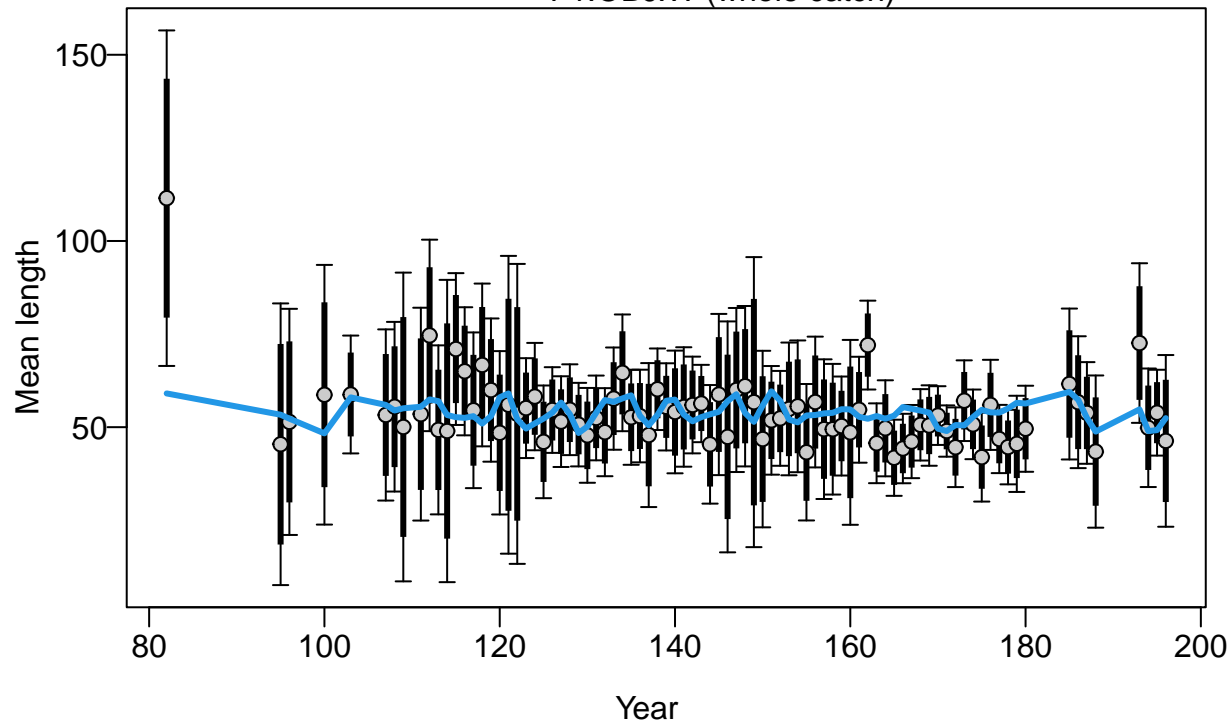
Length (cm)



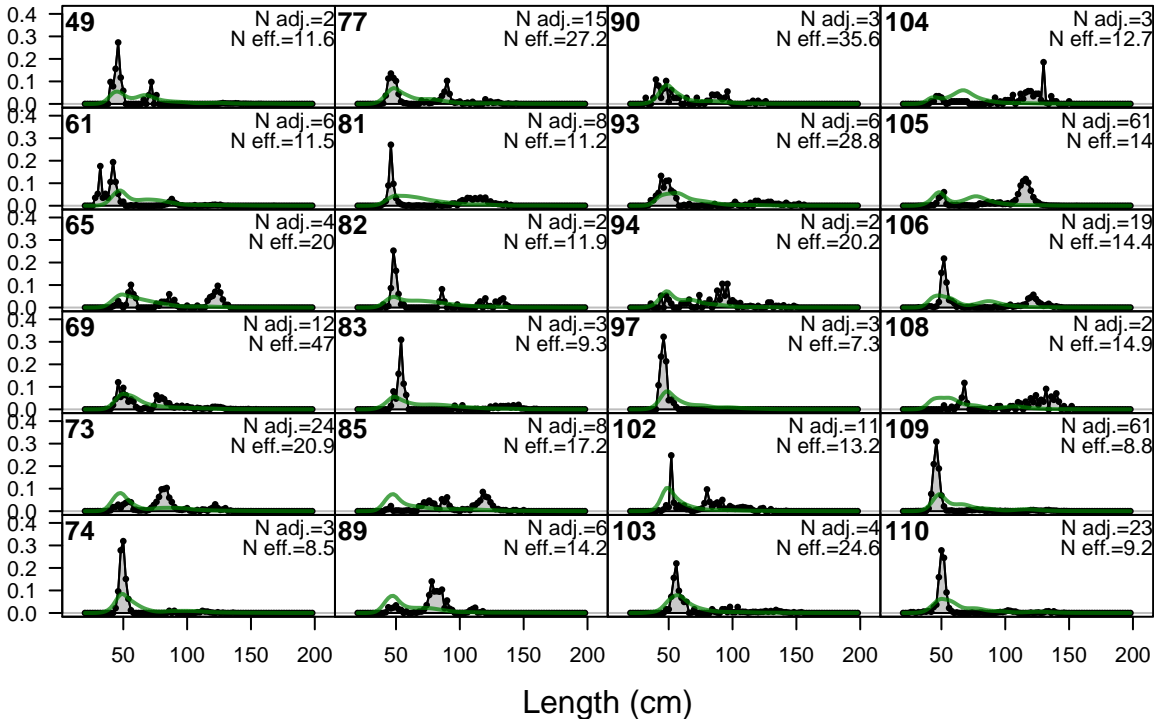
Effective sample size



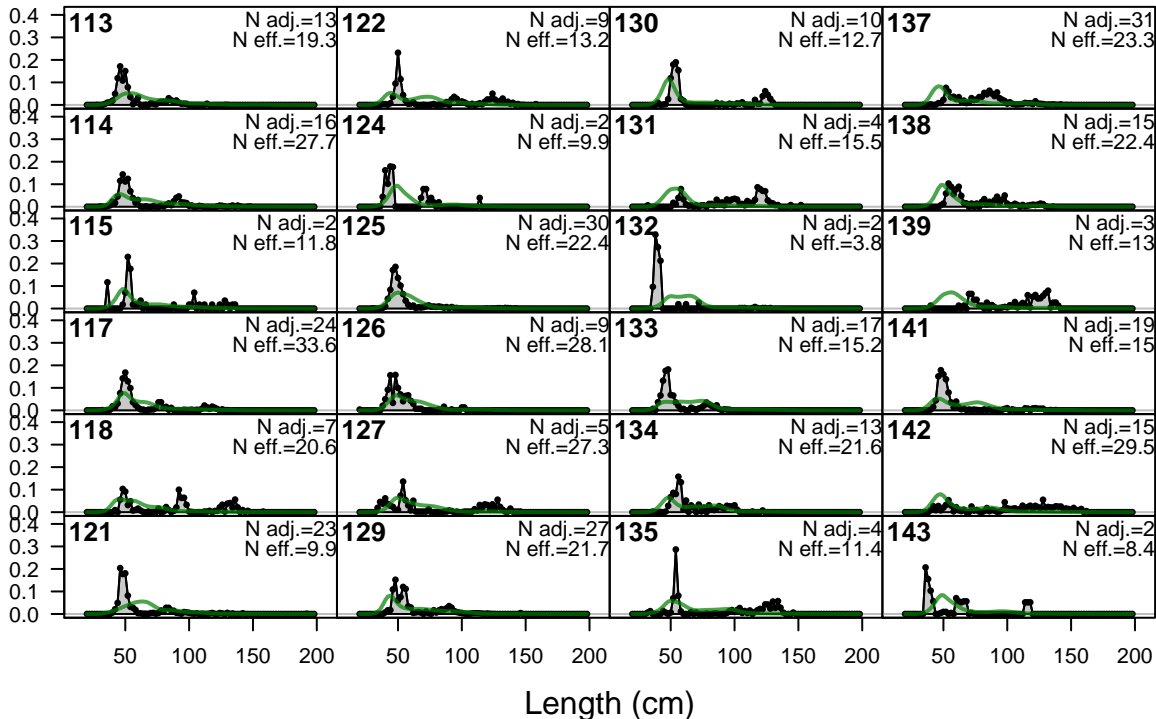
F1.OBJ.W (whole catch)



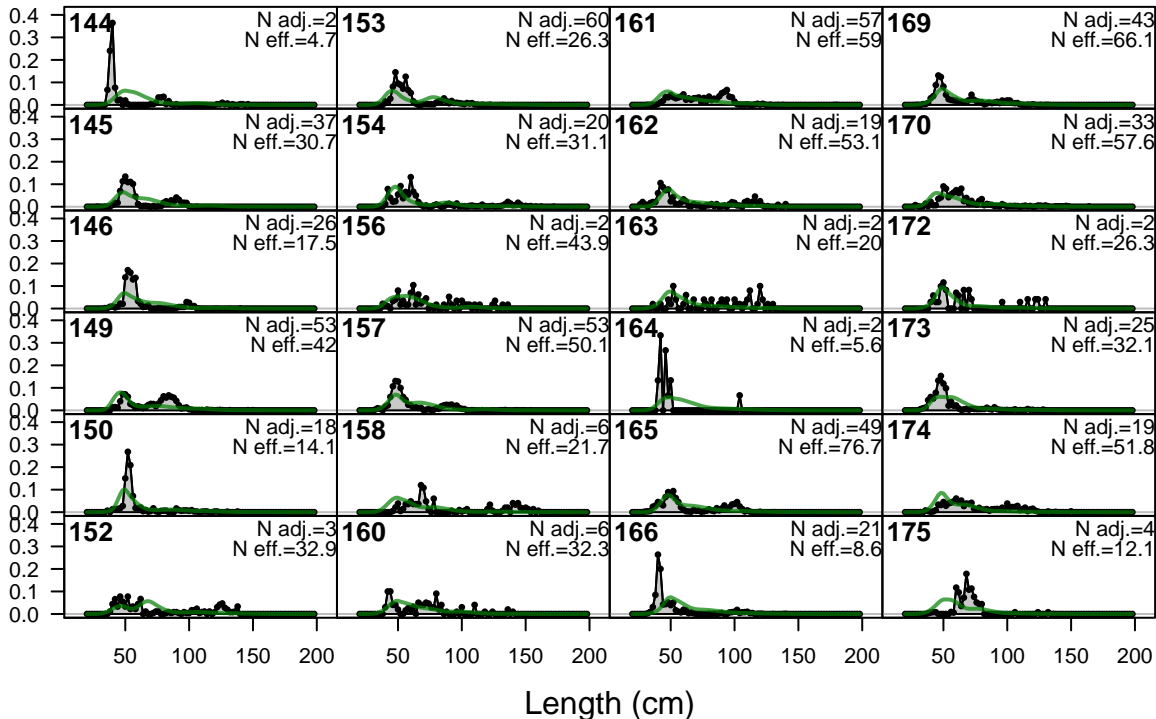
Proportion



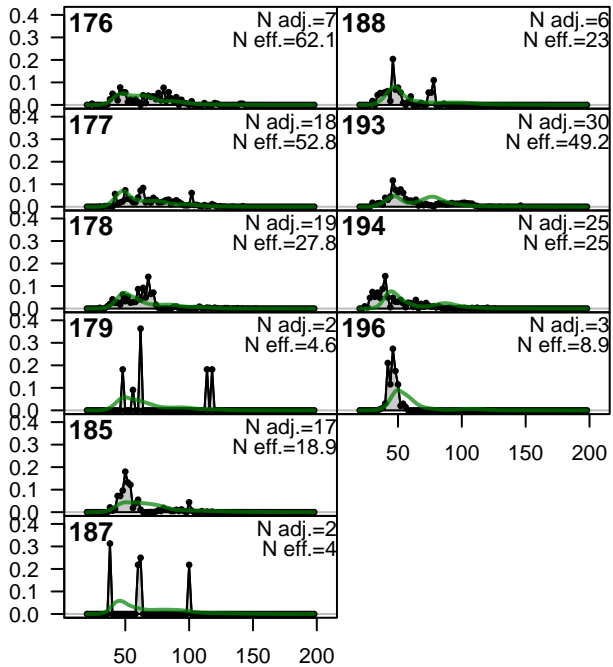
Proportion



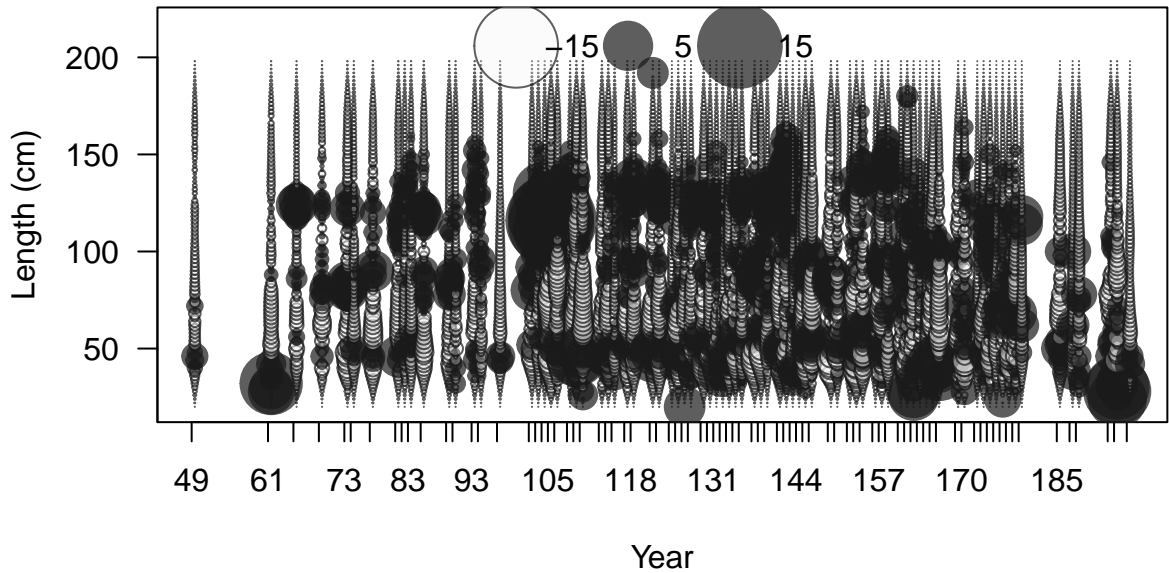
Proportion



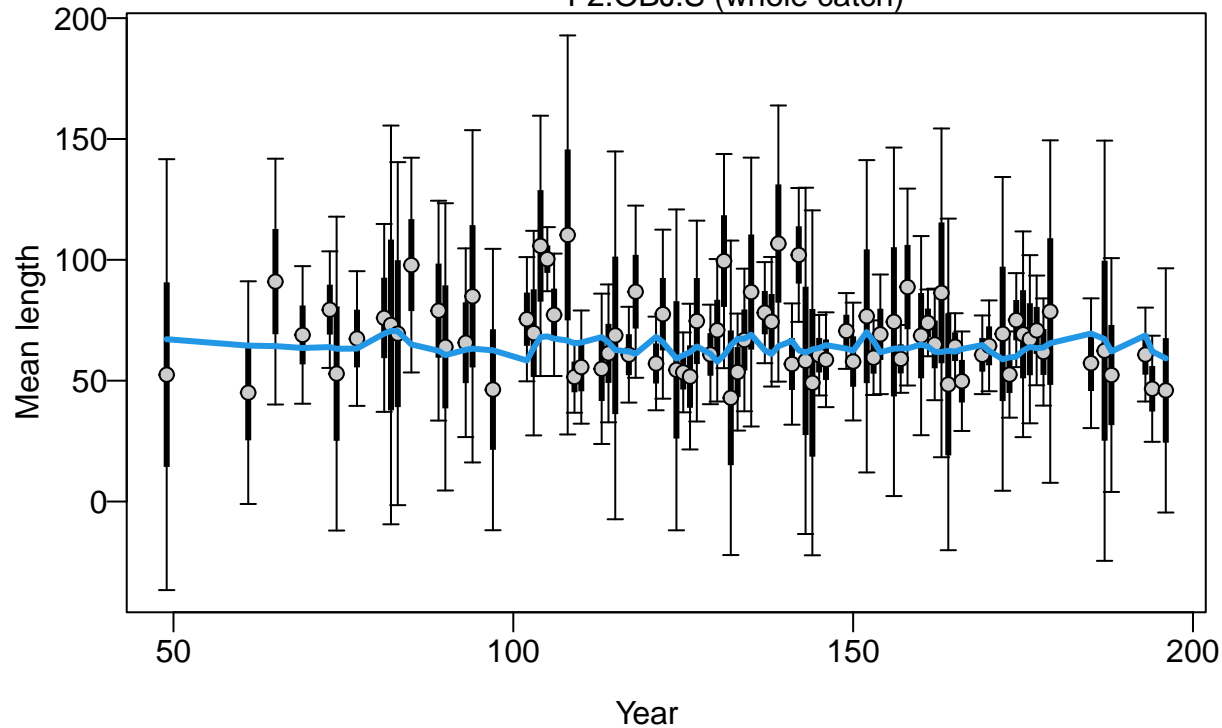
Proportion



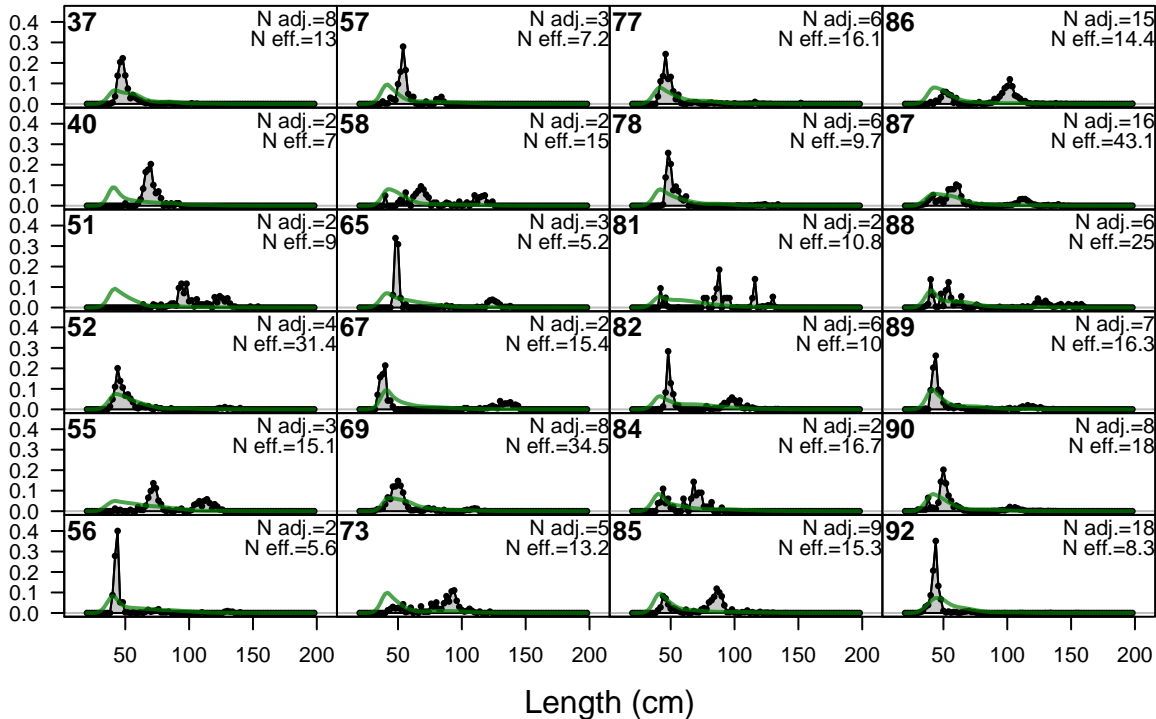
Length (cm)



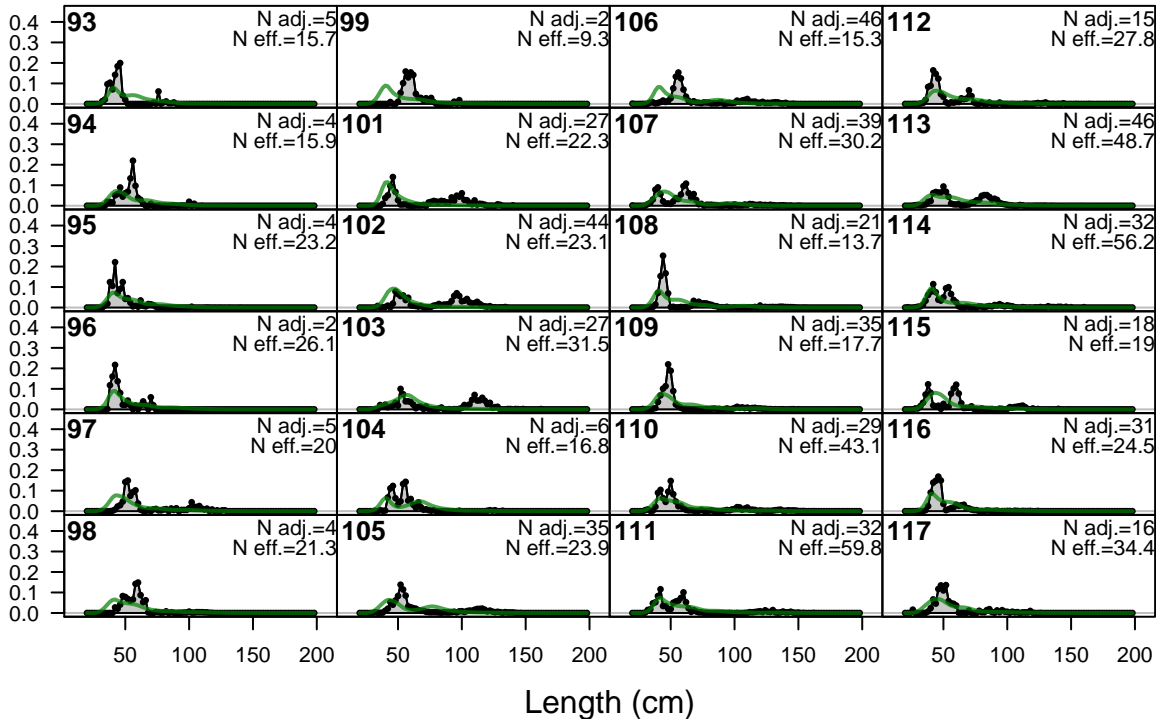
F2.OBJ.S (whole catch)



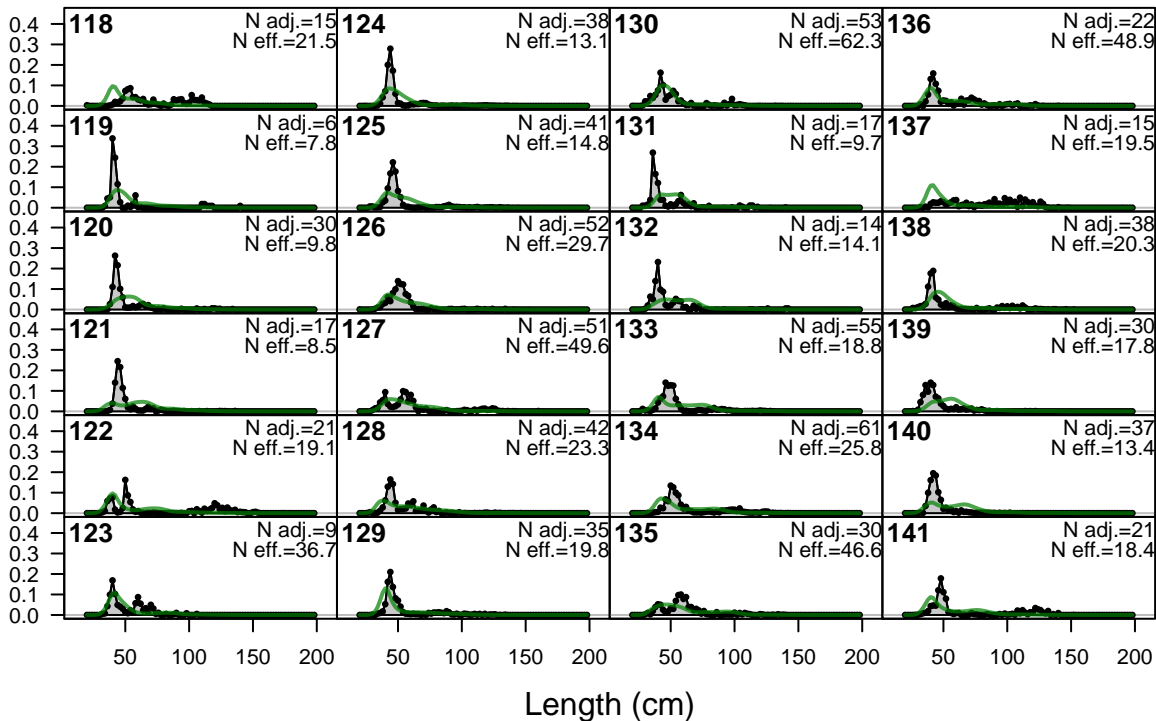
Proportion



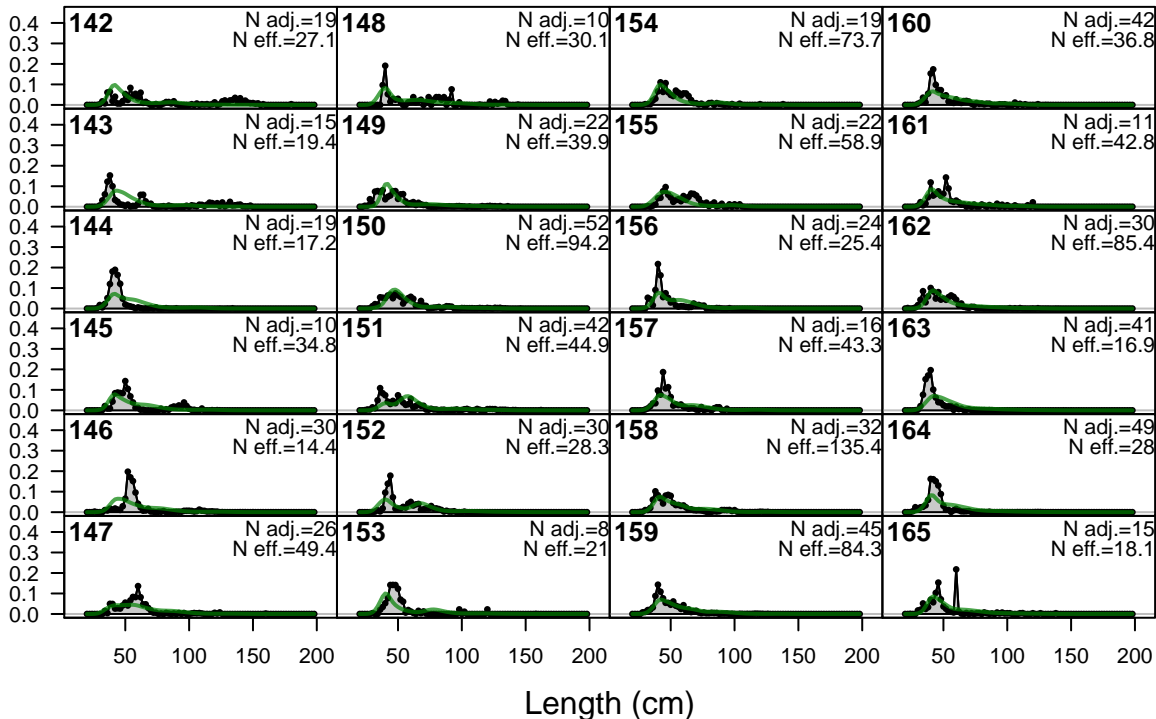
Proportion



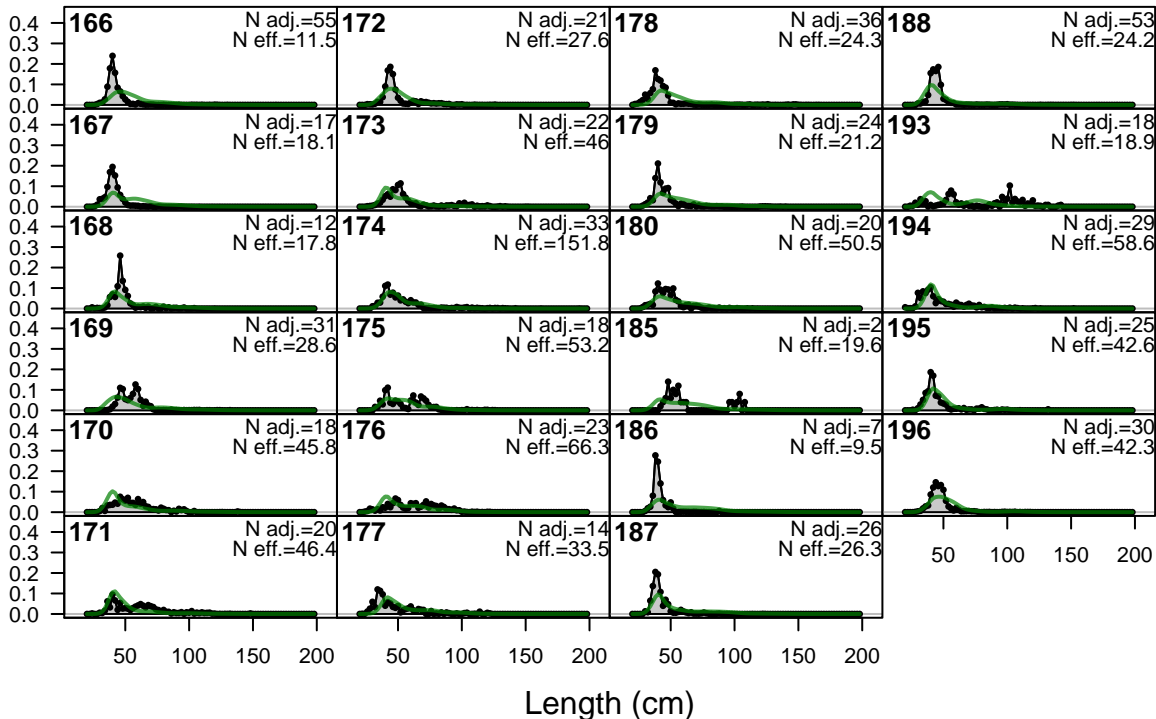
Proportion

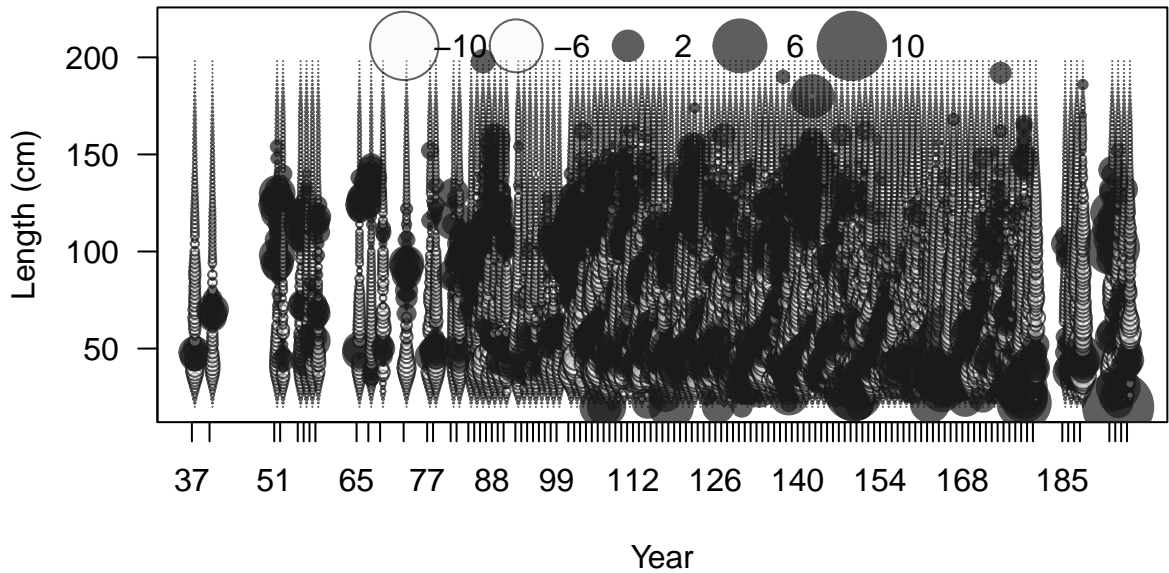


Proportion

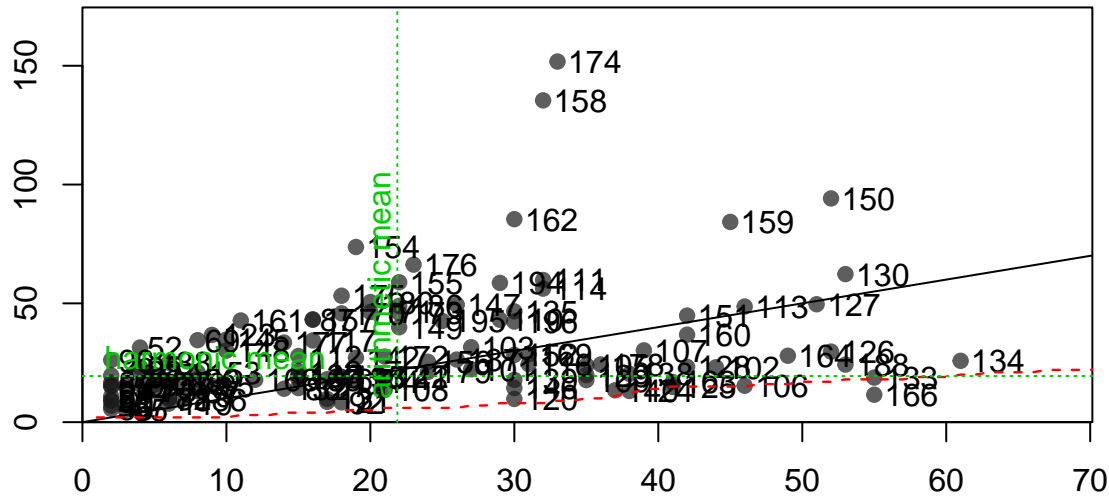


Proportion



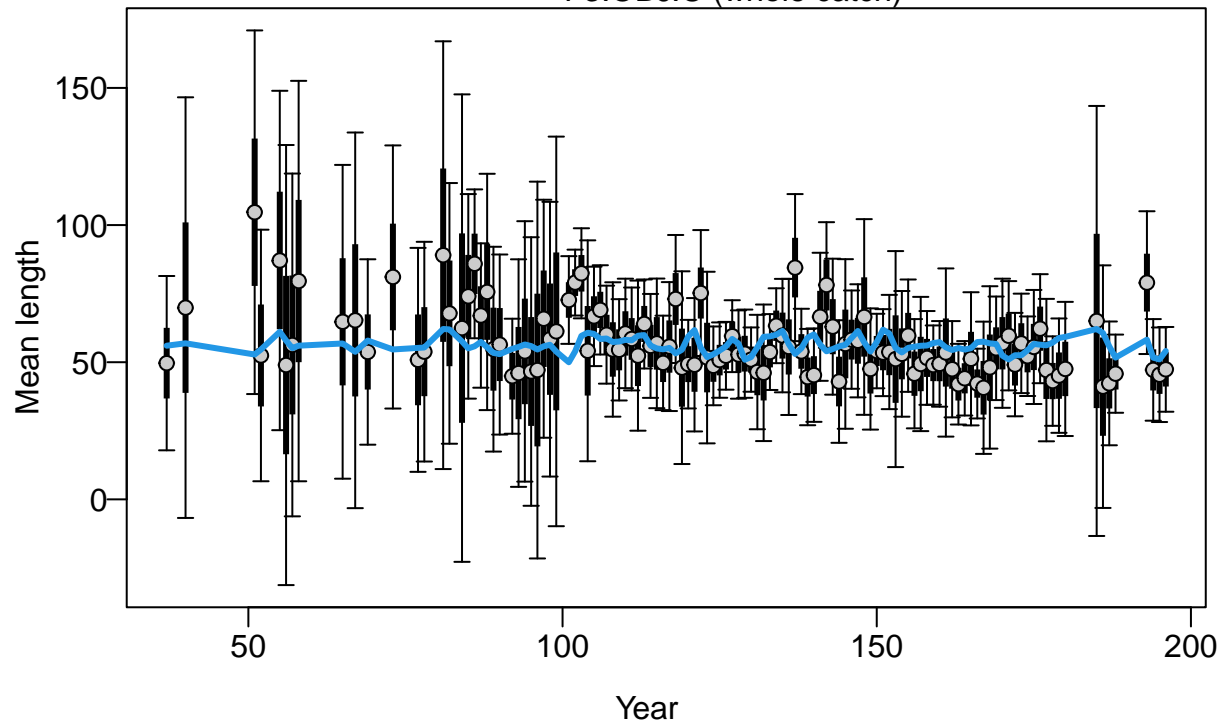


Effective sample size

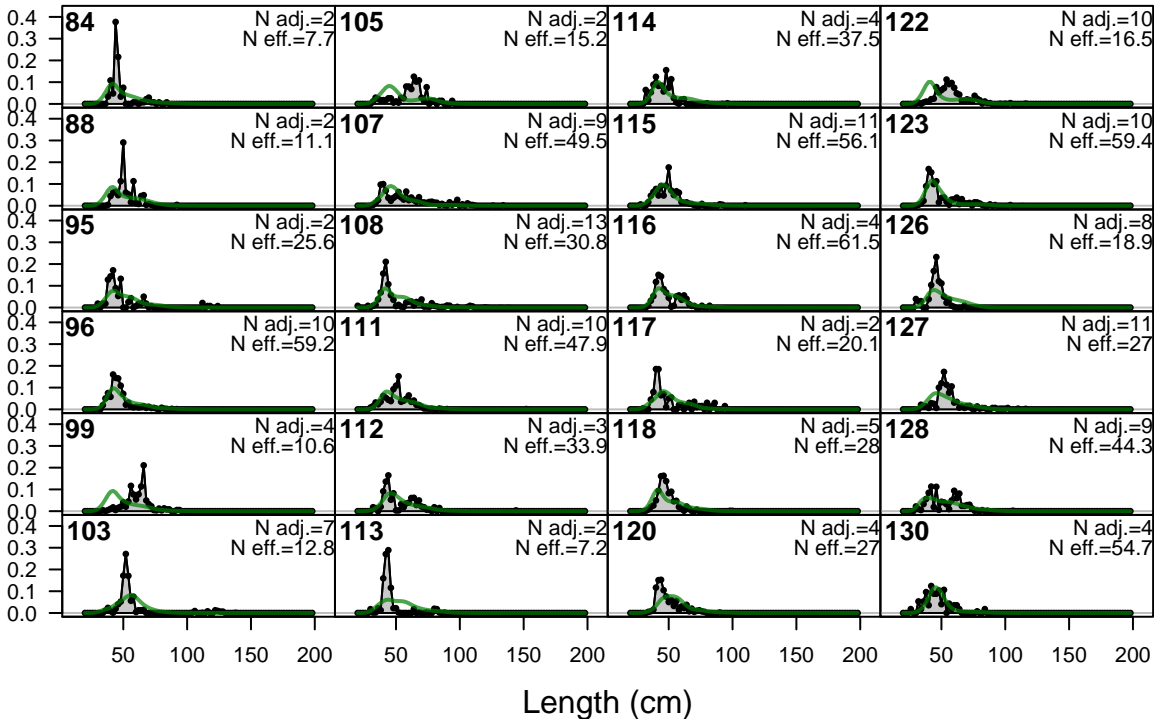


Observed sample size

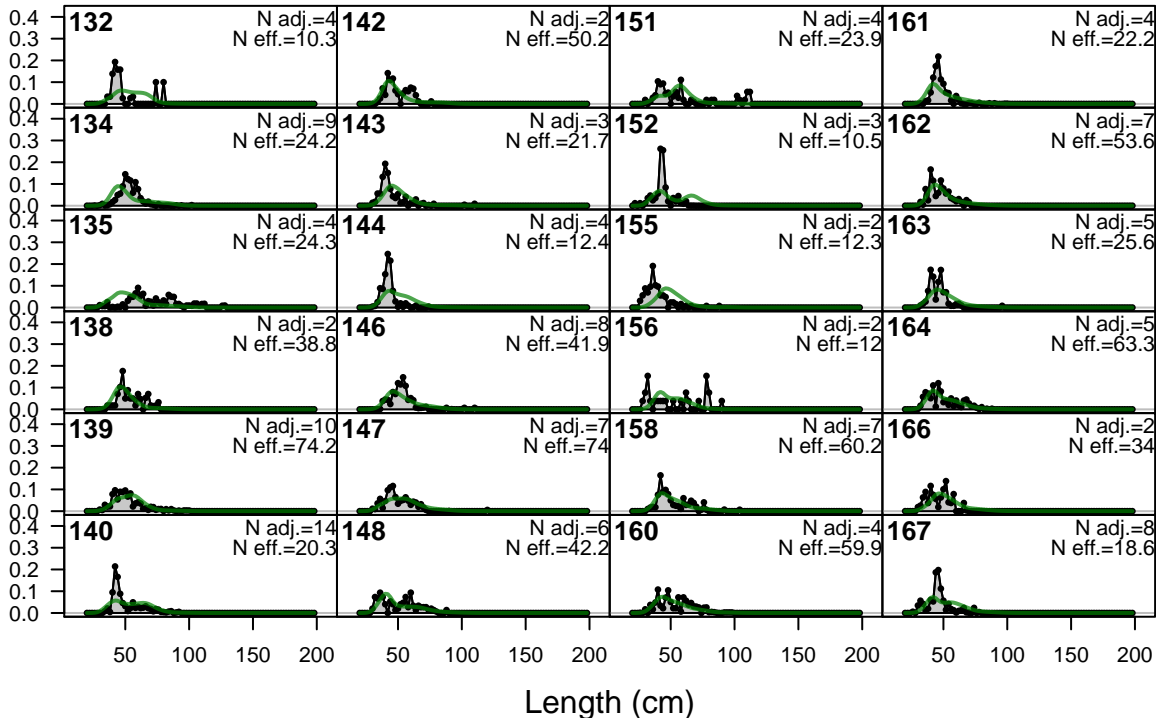
F3.OBJ.C (whole catch)



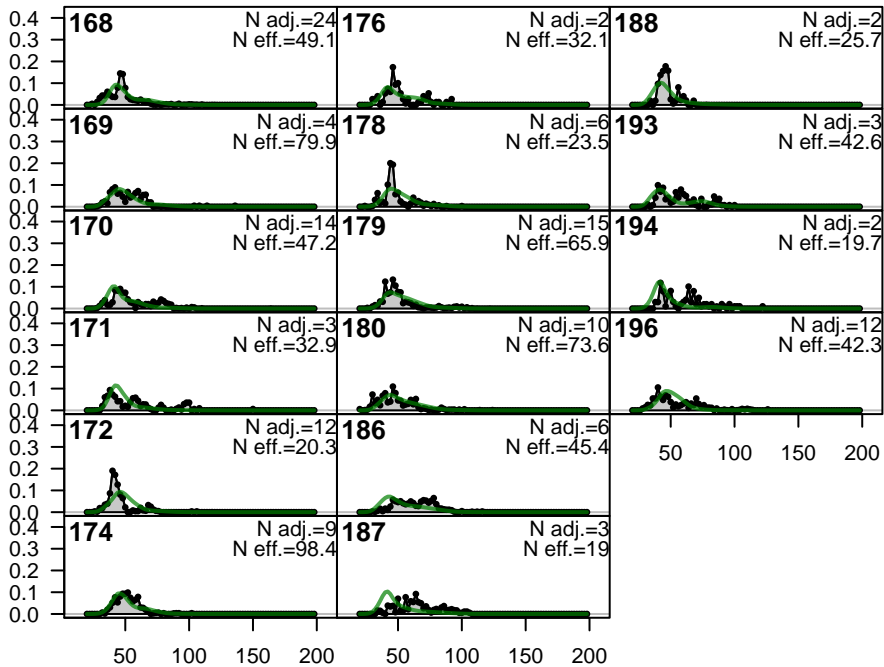
Proportion



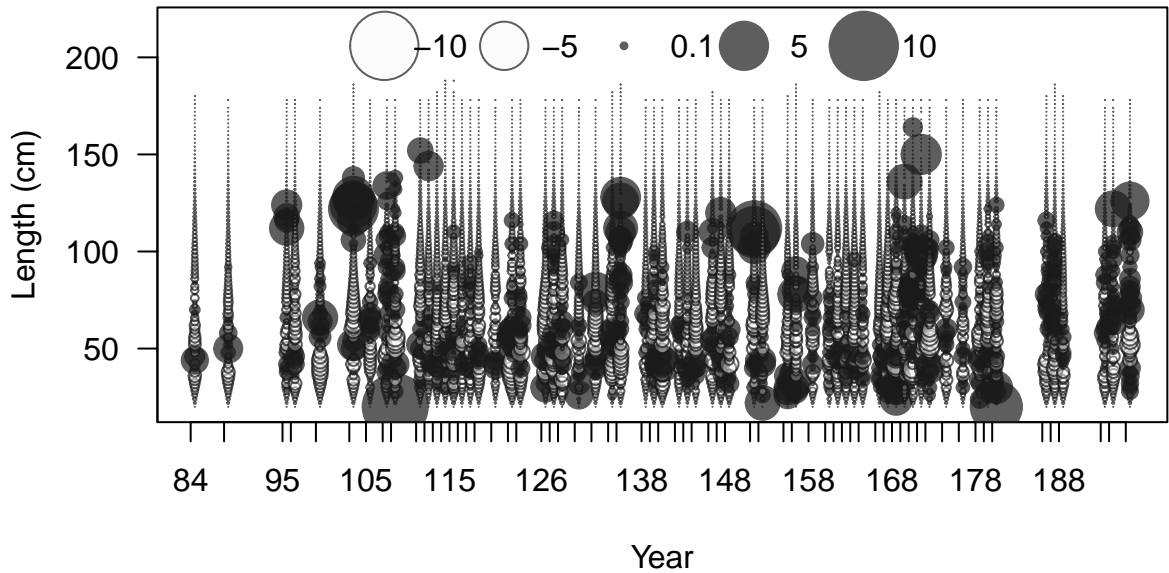
Proportion



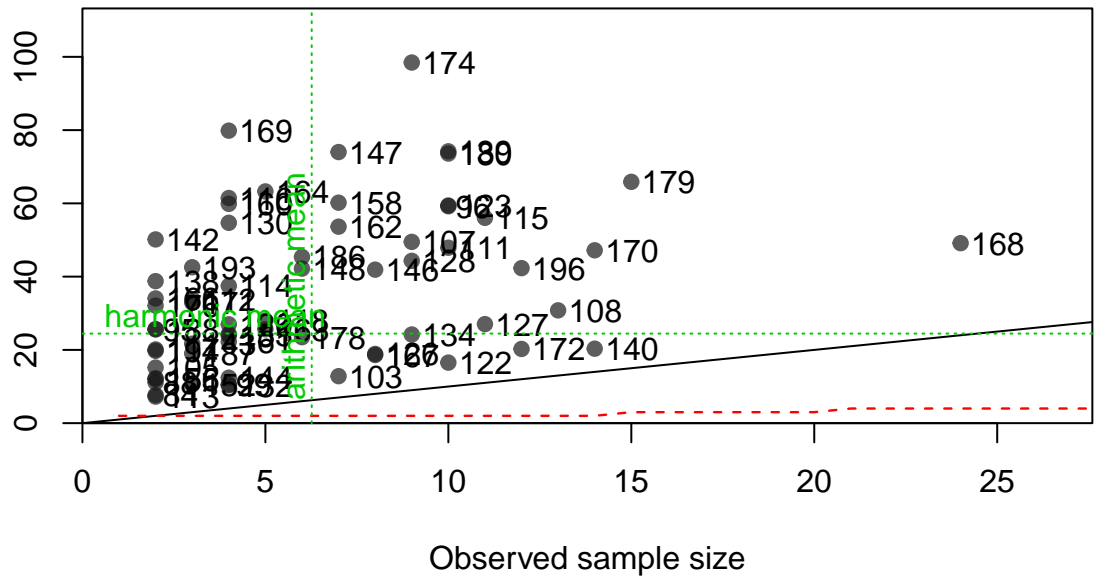
Proportion



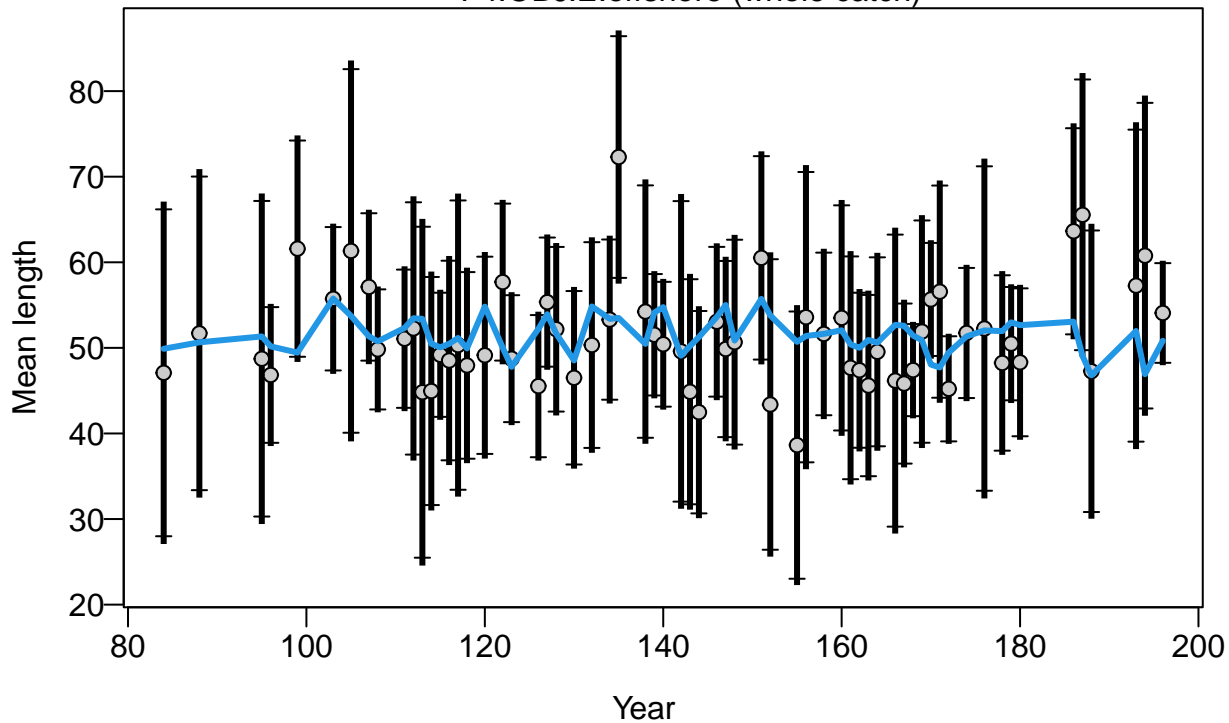
Length (cm)



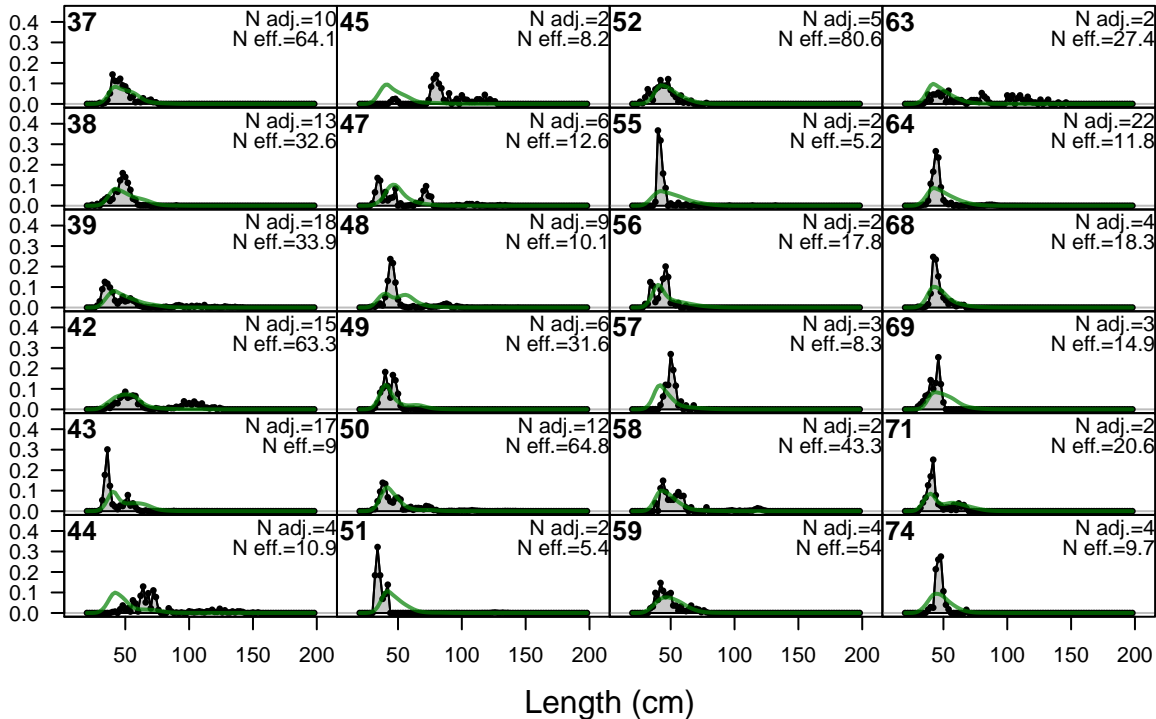
Effective sample size



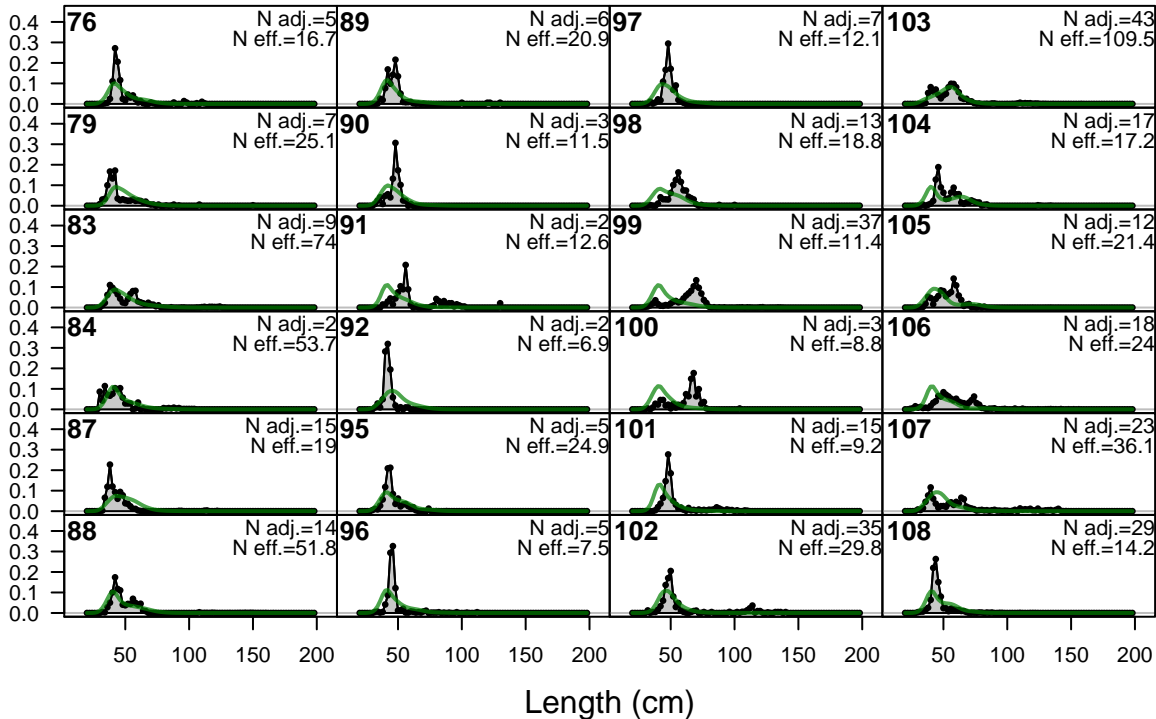
F4.OBJ.E.offshore (whole catch)



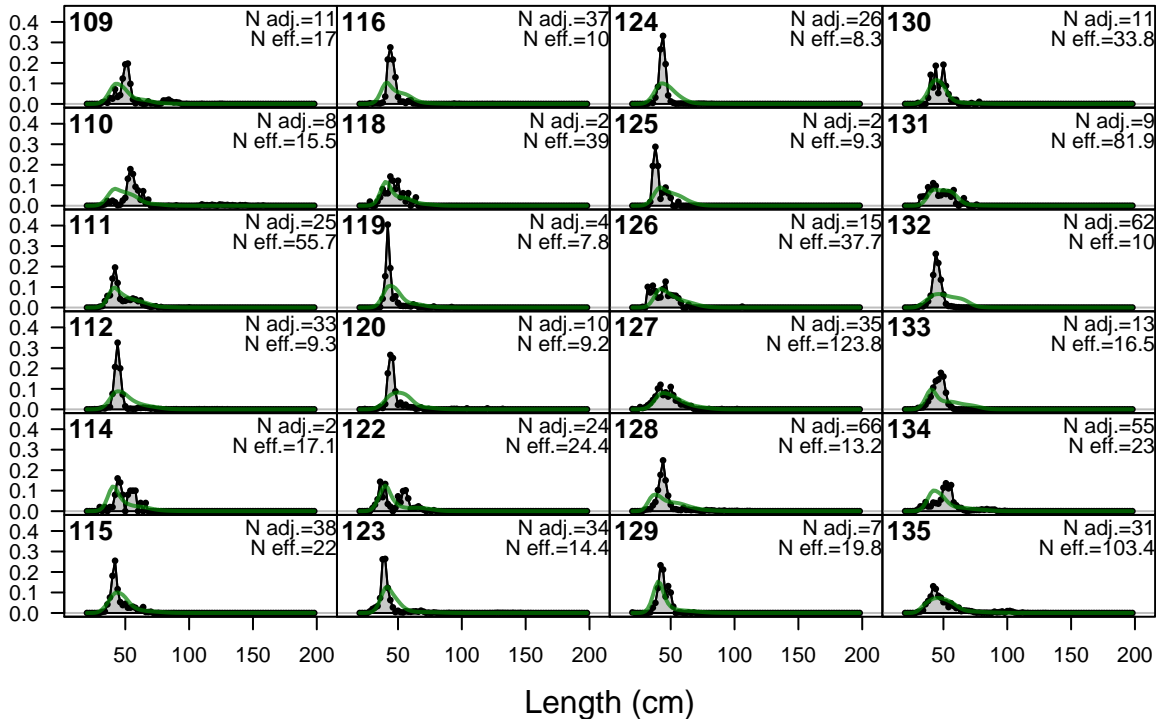
Proportion



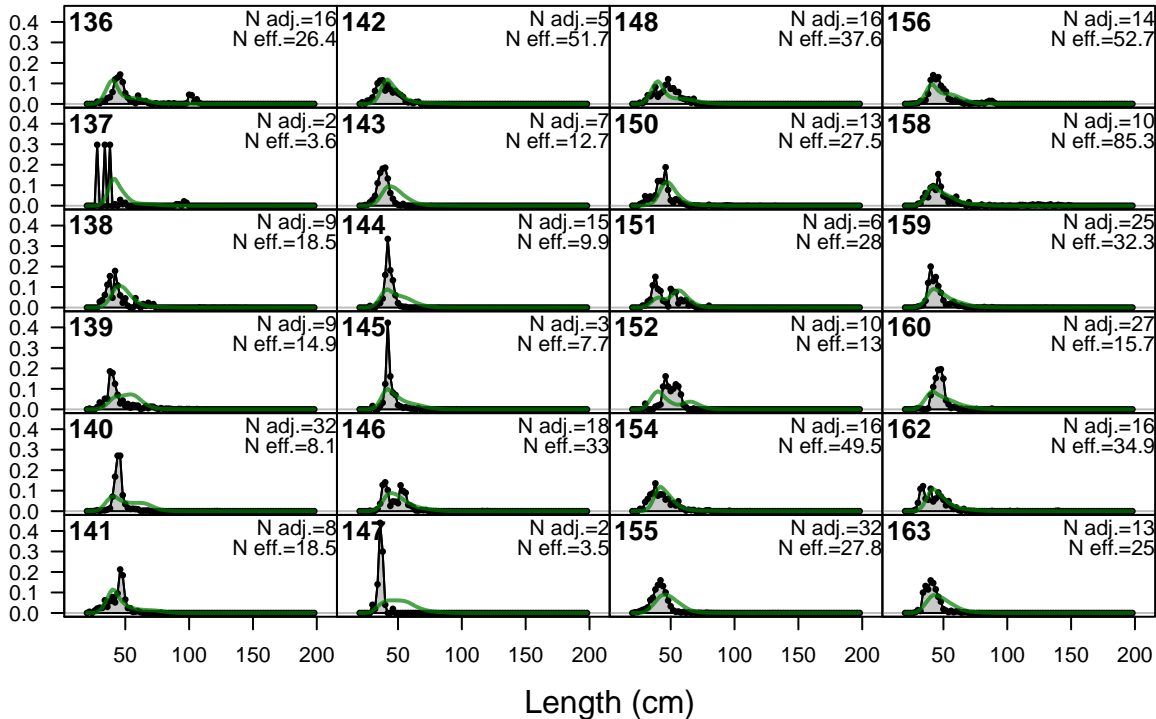
Proportion



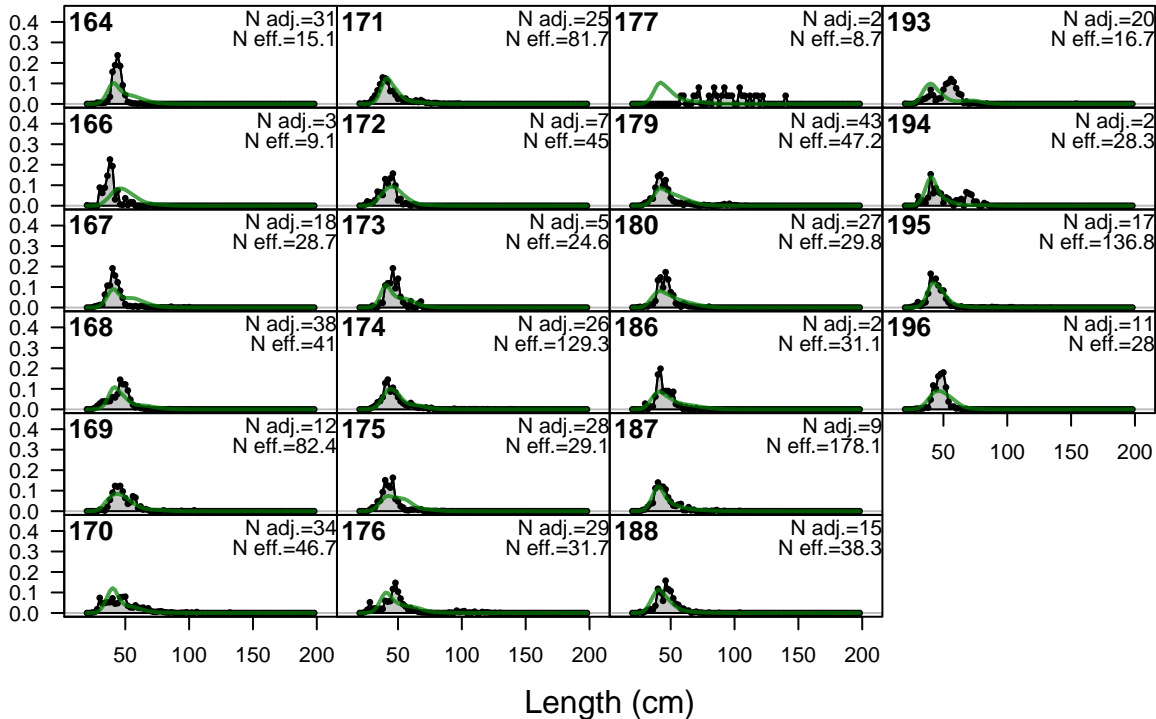
Proportion

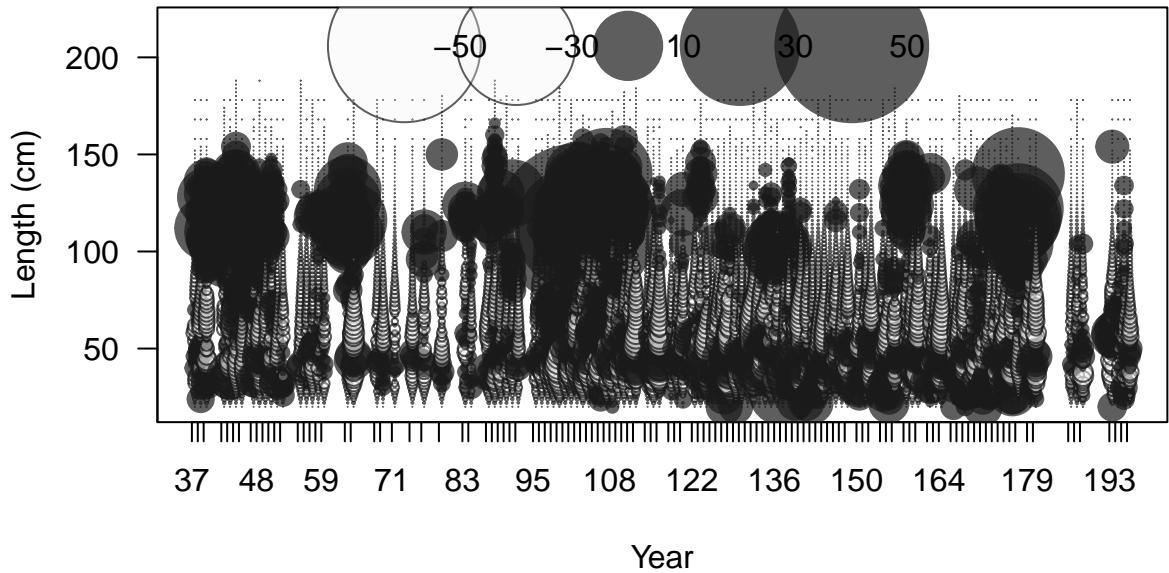


Proportion

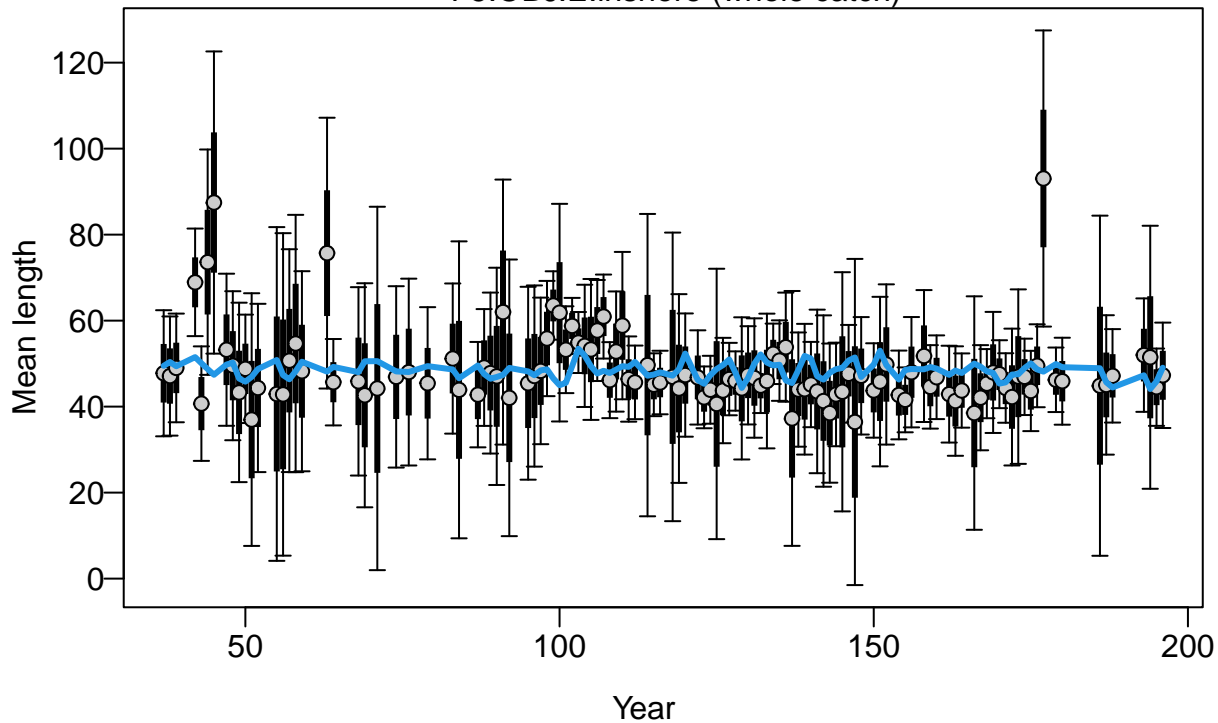


Proportion

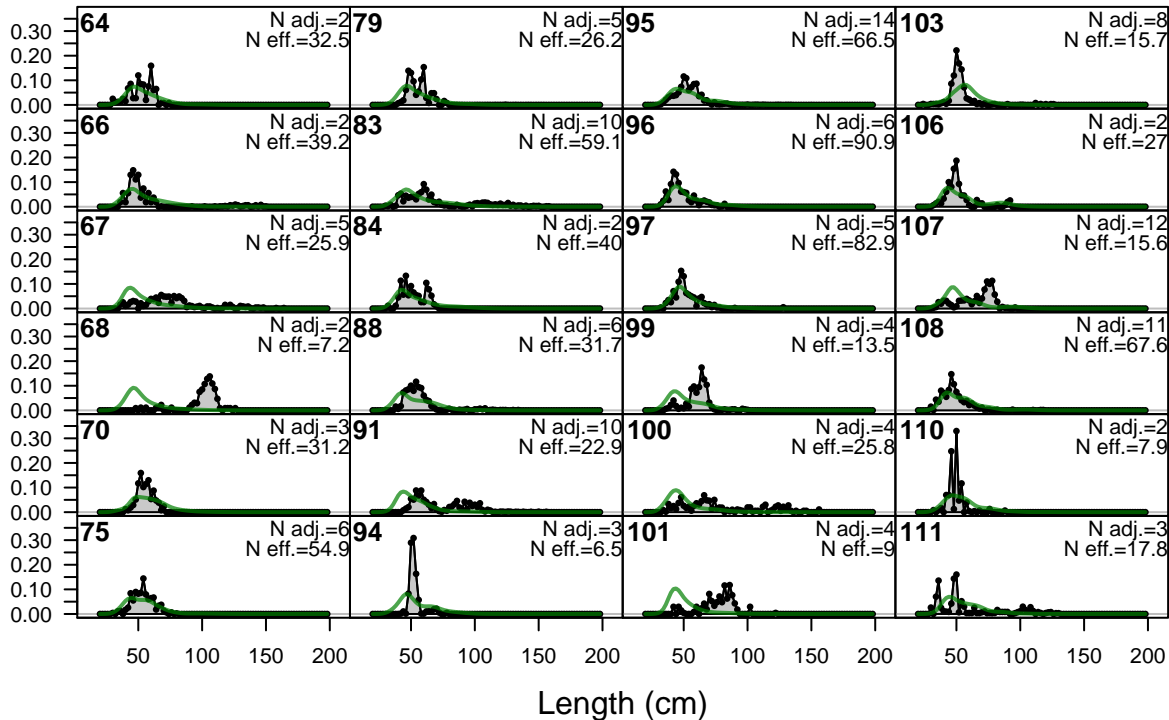




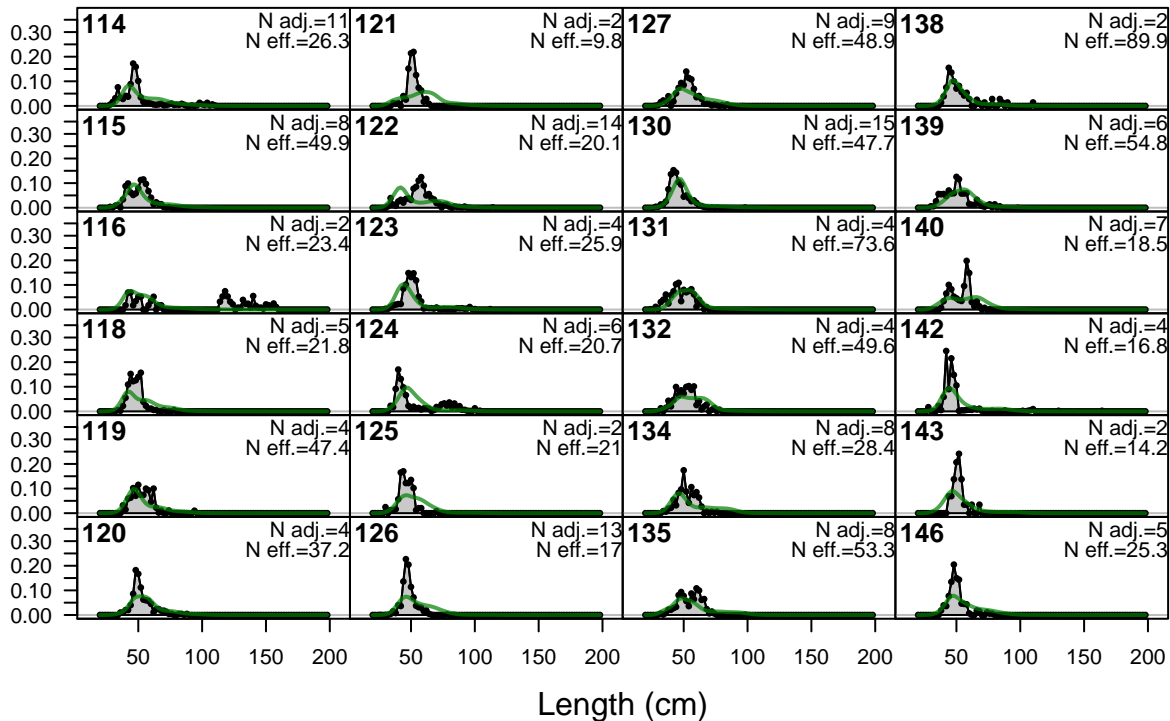
F5.OBJ.E.inshore (whole catch)



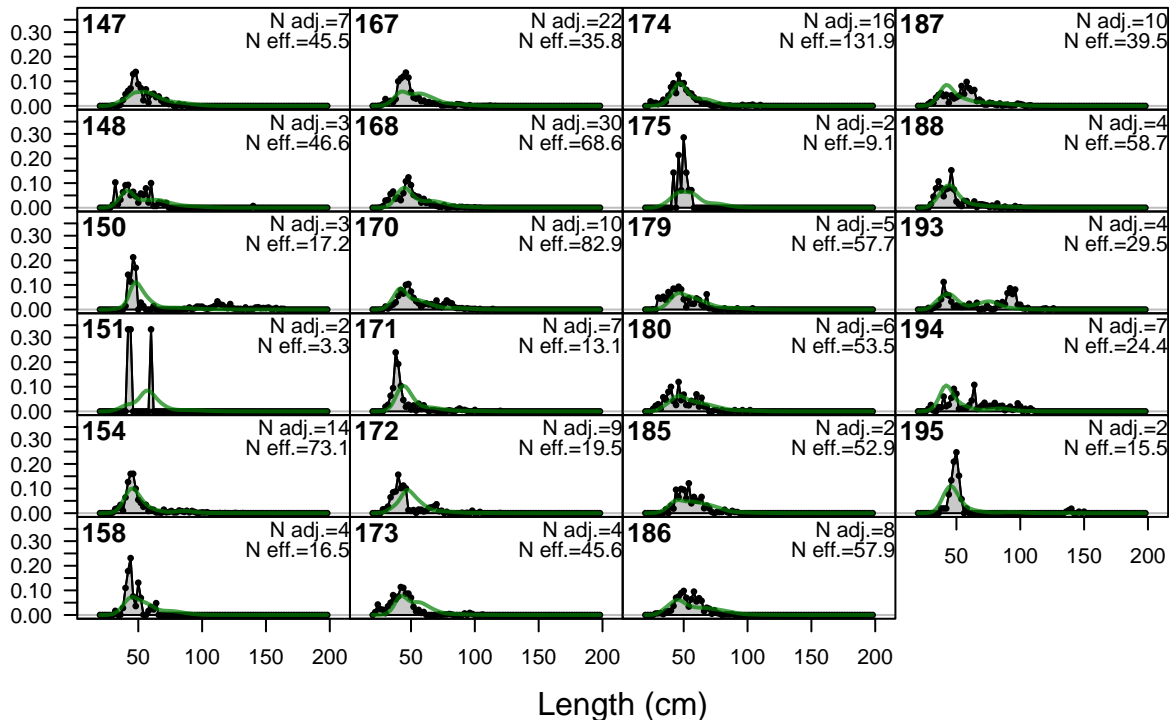
Proportion

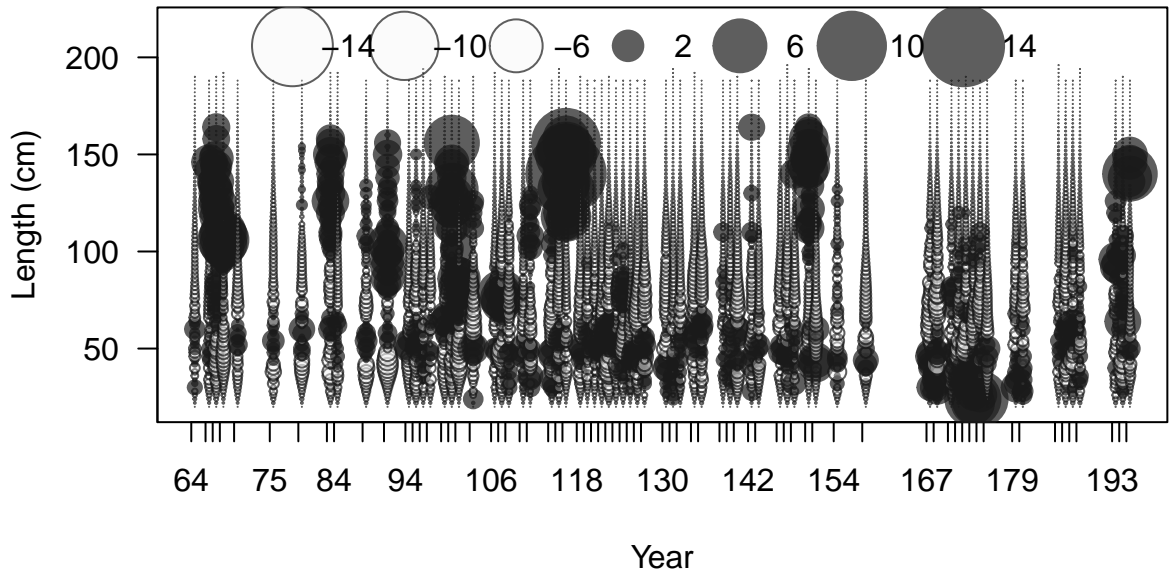


Proportion

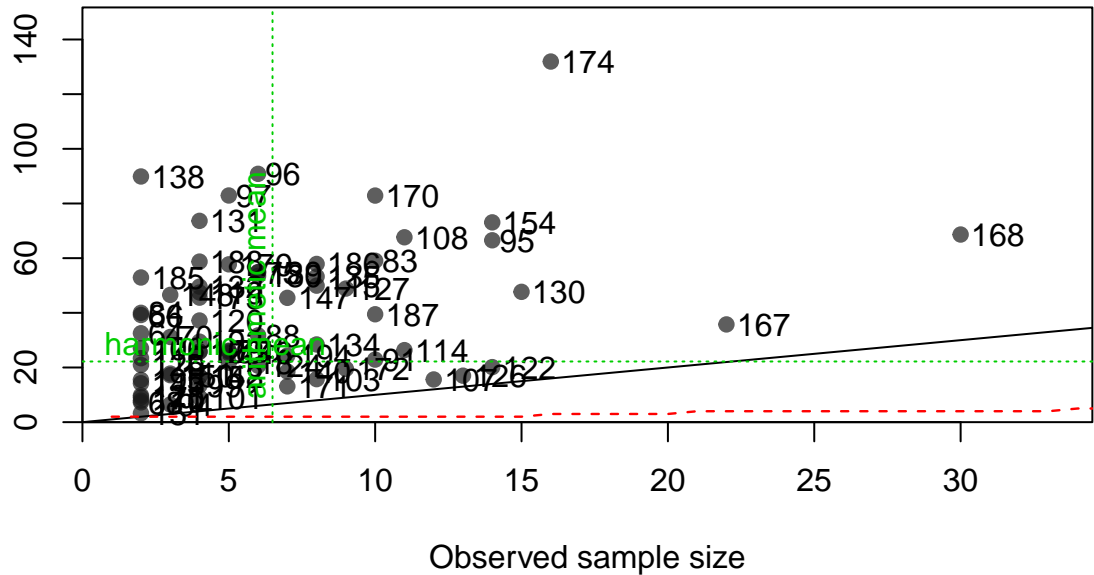


Proportion

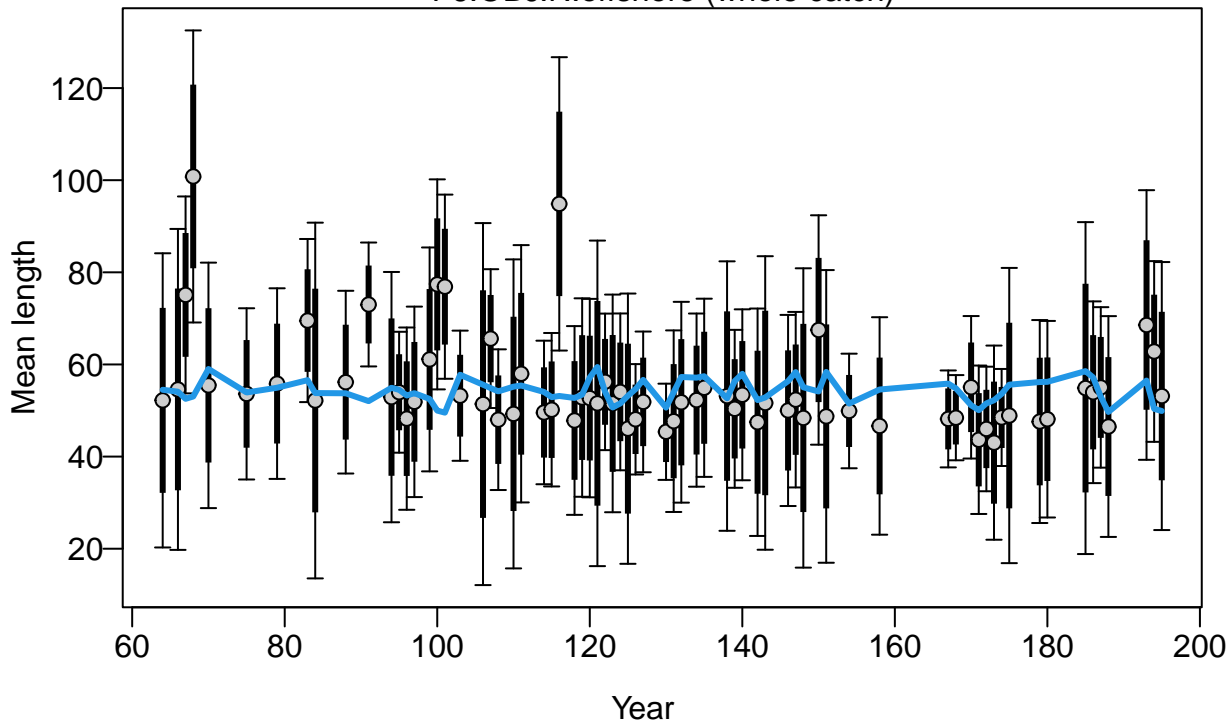




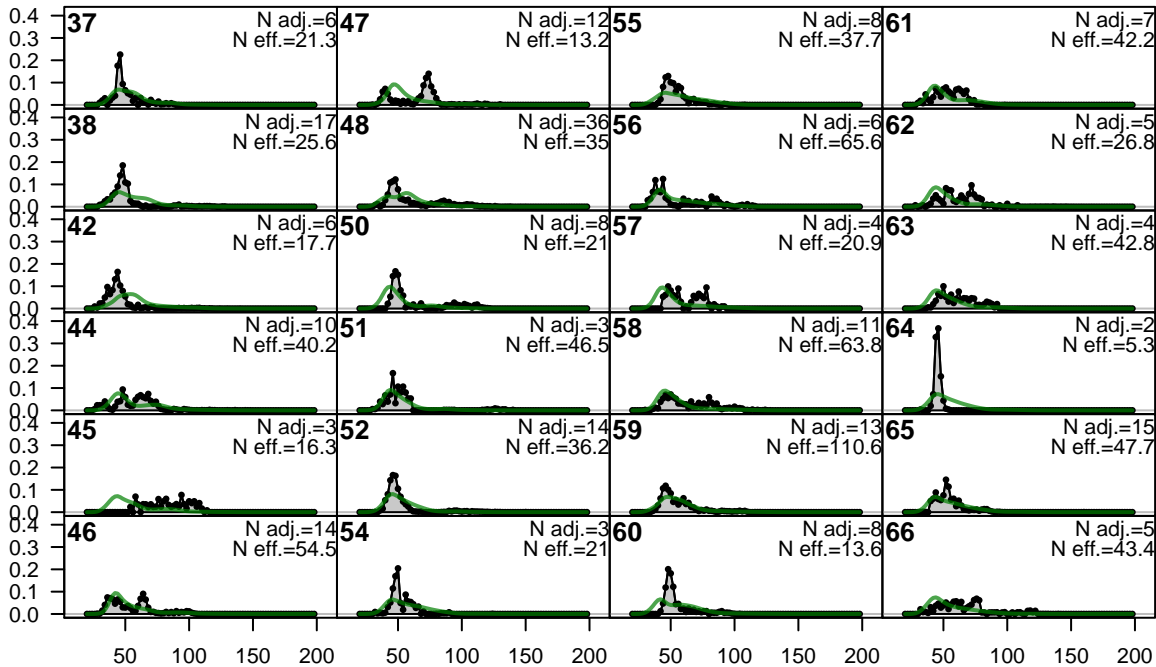
Effective sample size



F6.OBJ.N.offshore (whole catch)

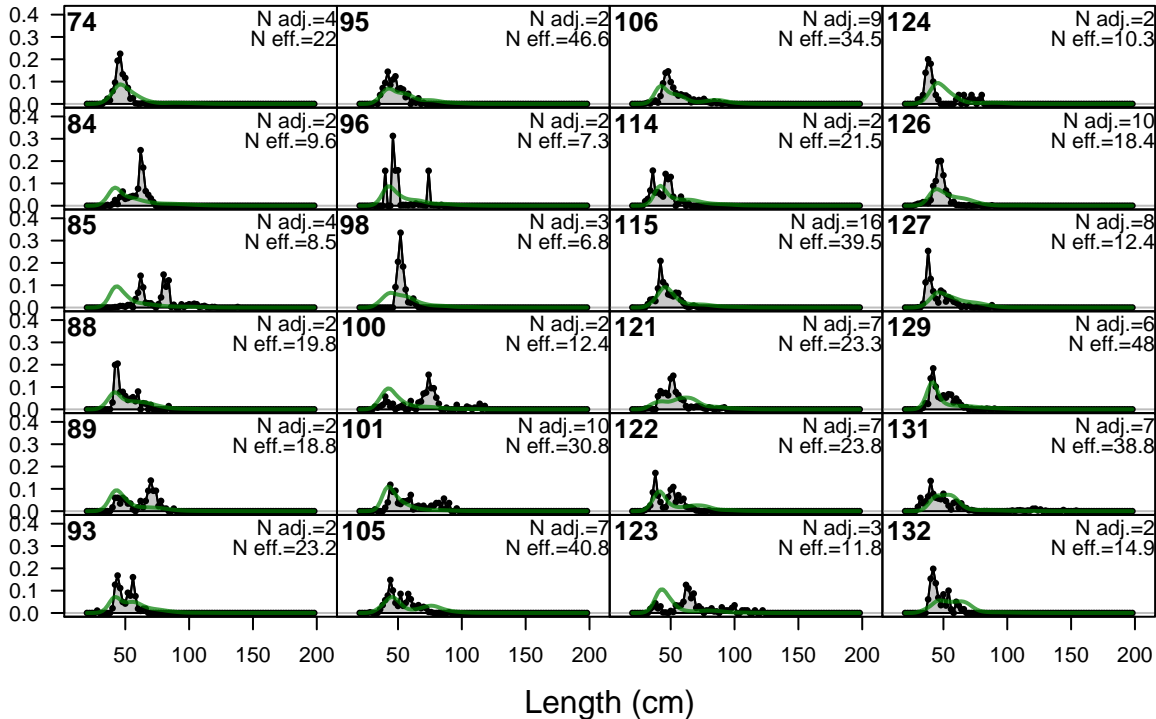


Proportion

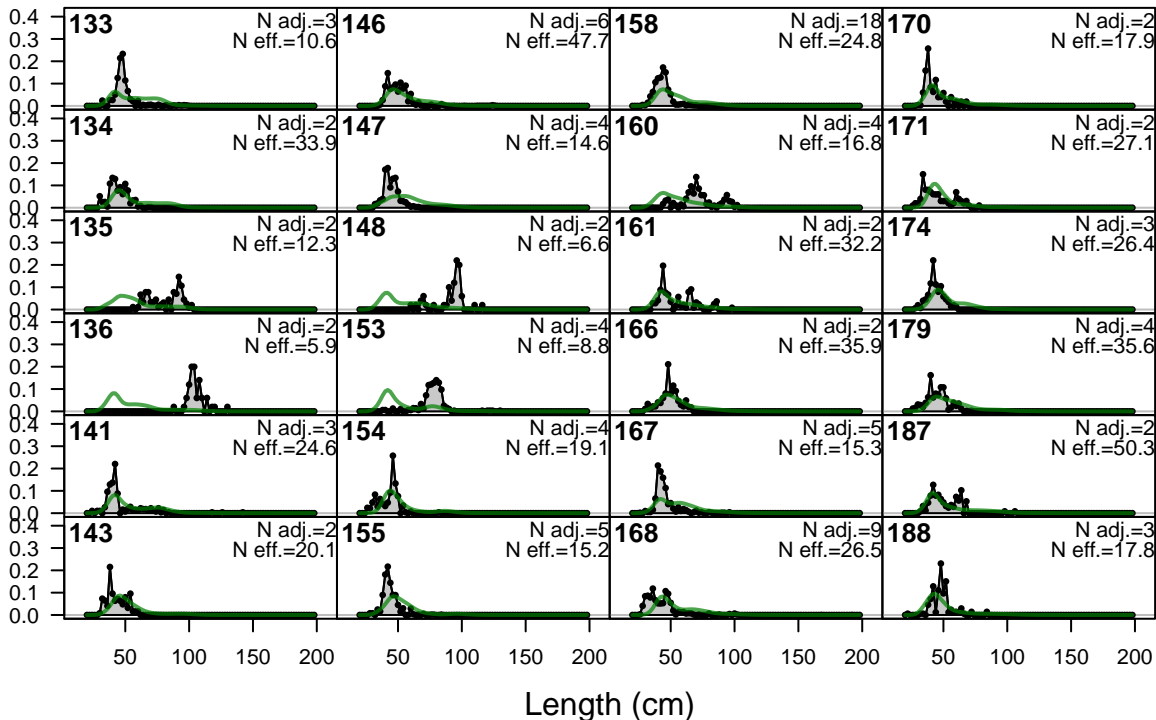


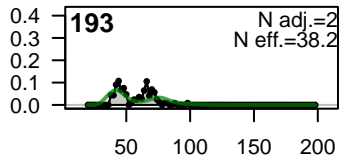
Length (cm)

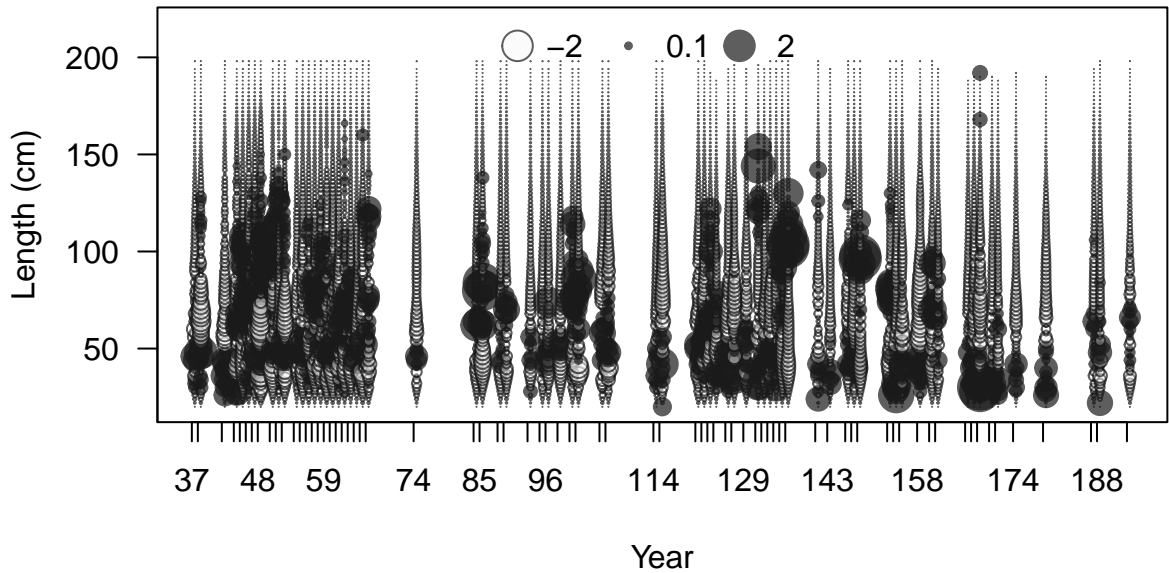
Proportion

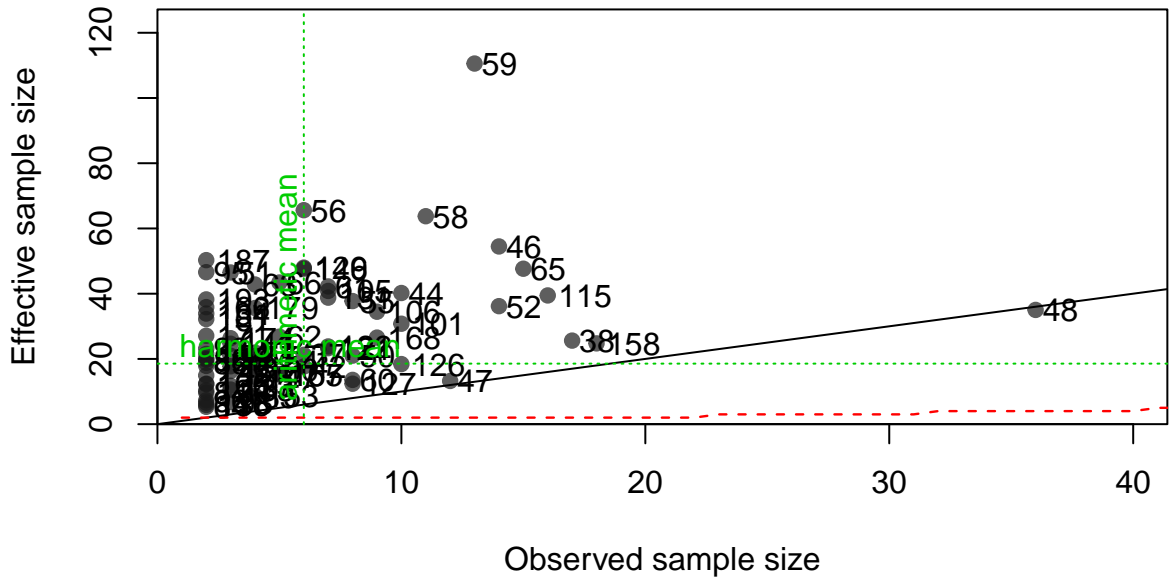


Proportion

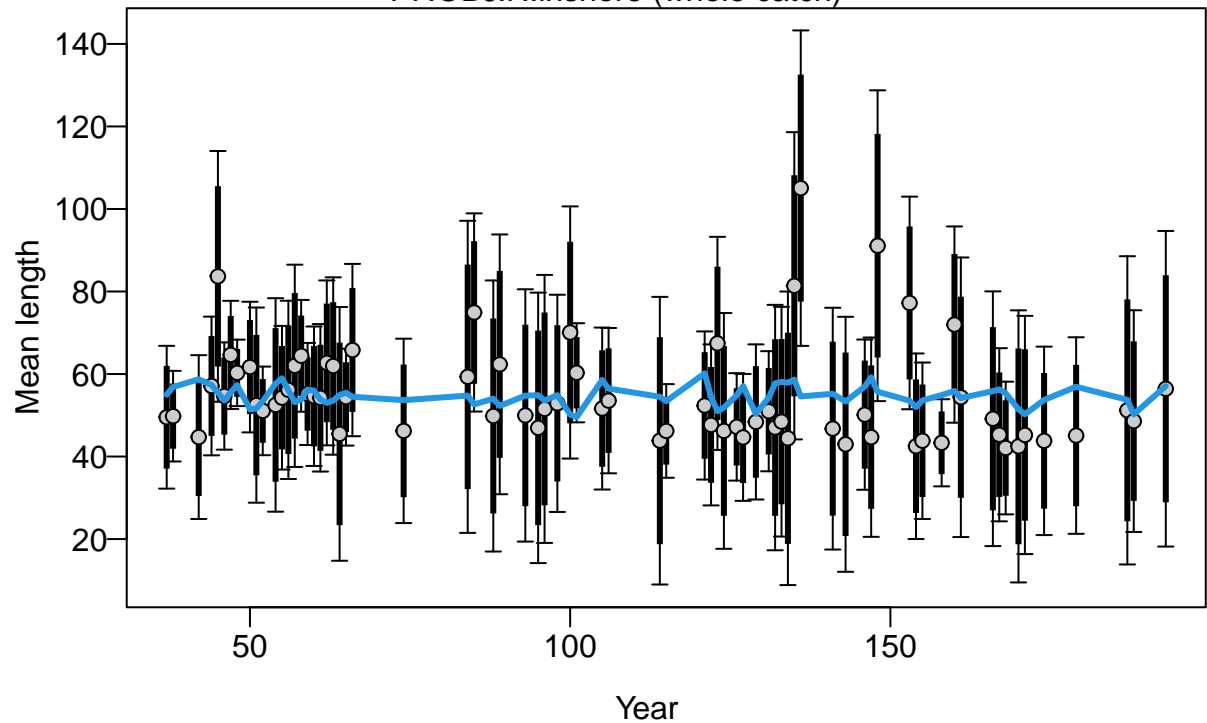




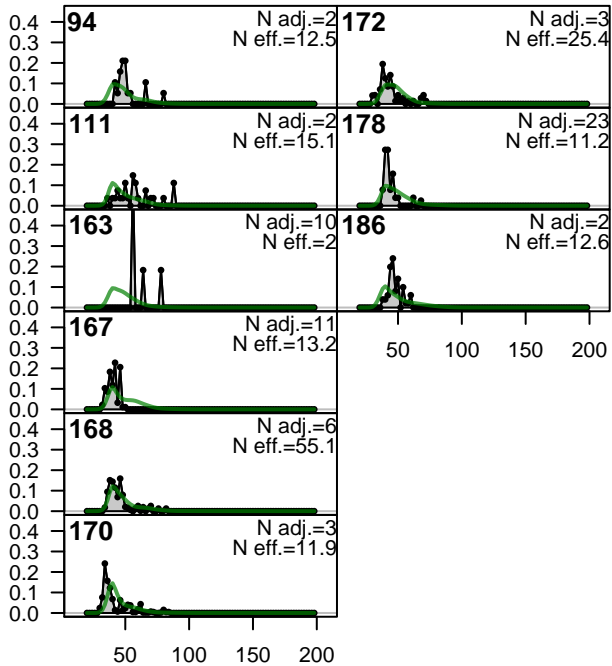




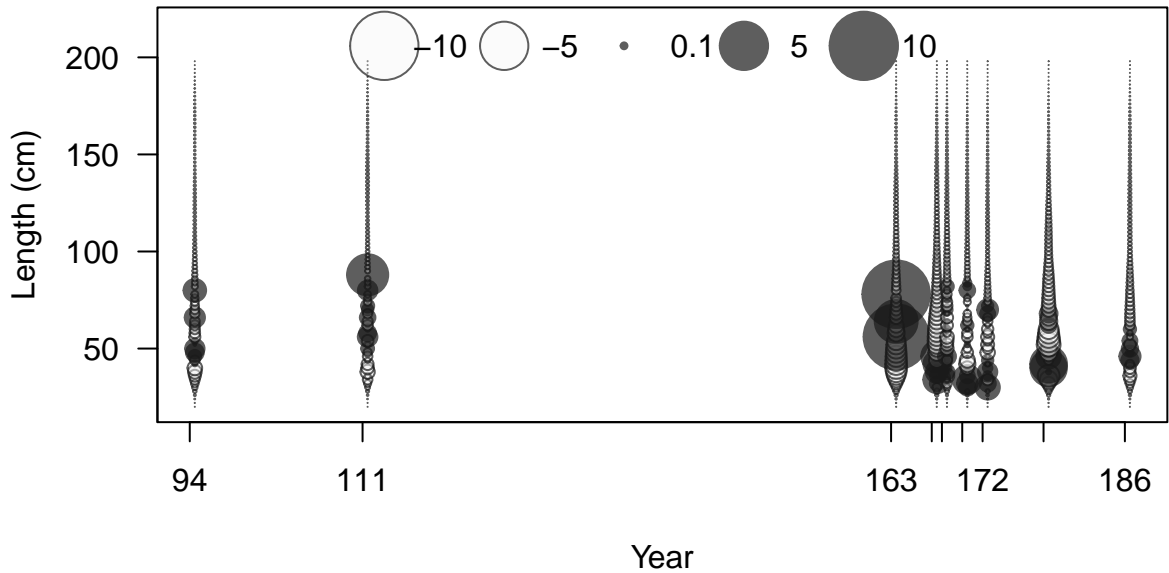
F7.OBJ.N.inshore (whole catch)



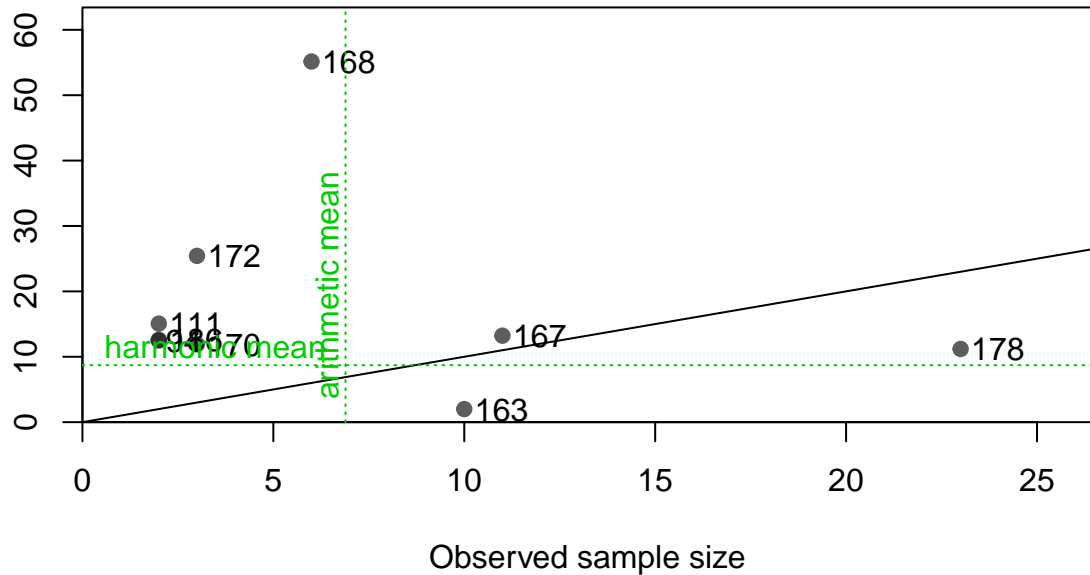
Proportion



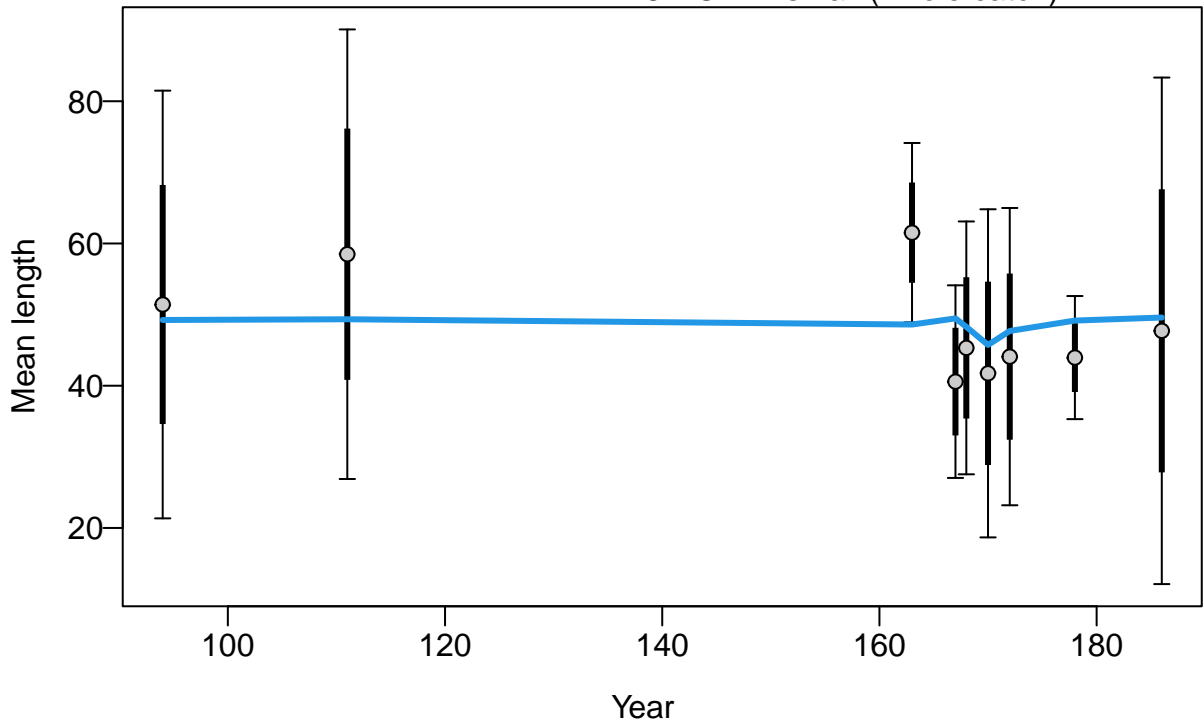
Length (cm)



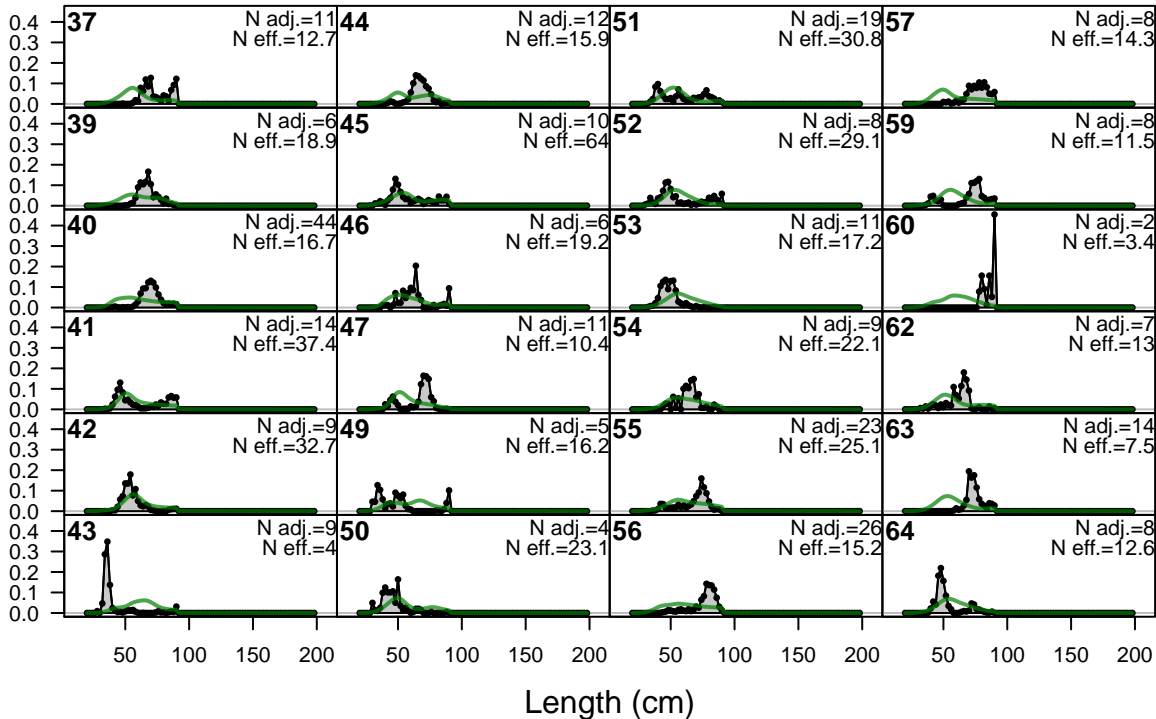
Effective sample size



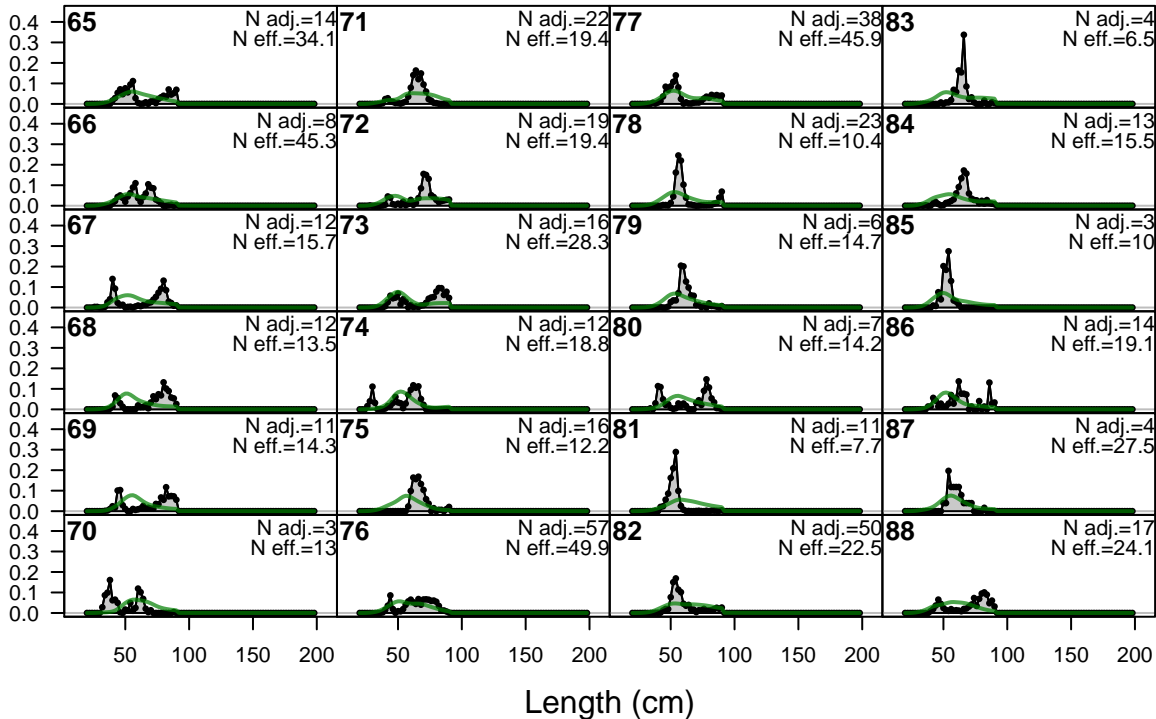
F8.NOA.W.small (whole catch)



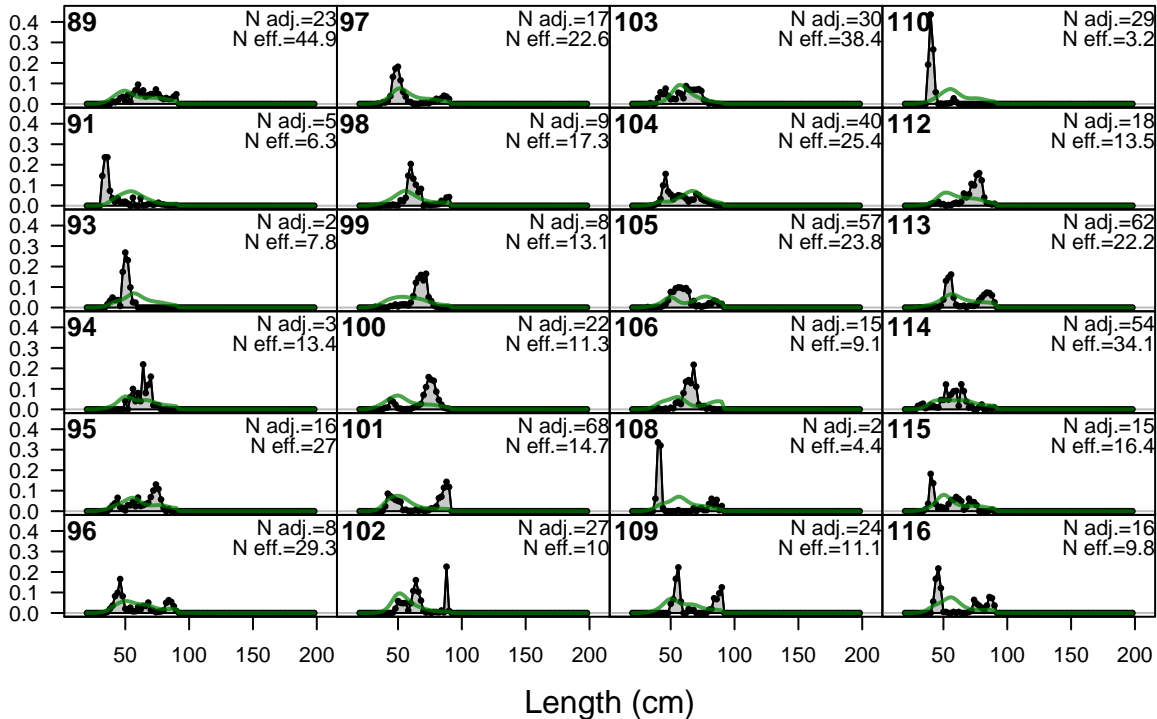
Proportion



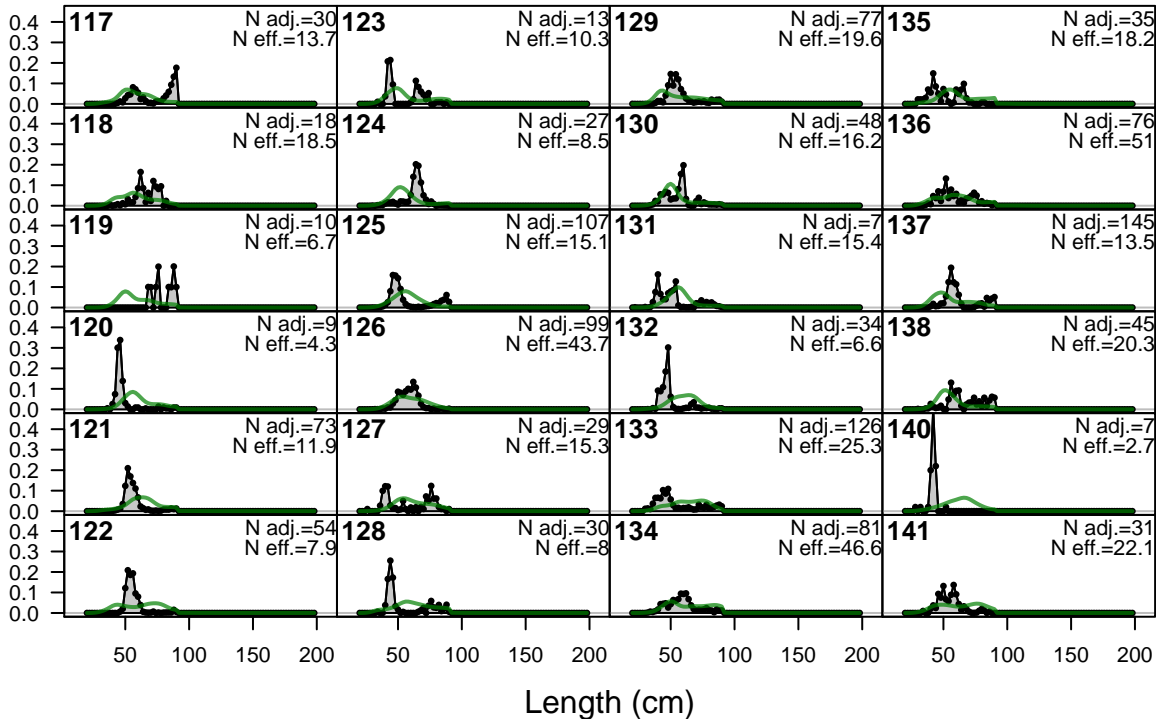
Proportion



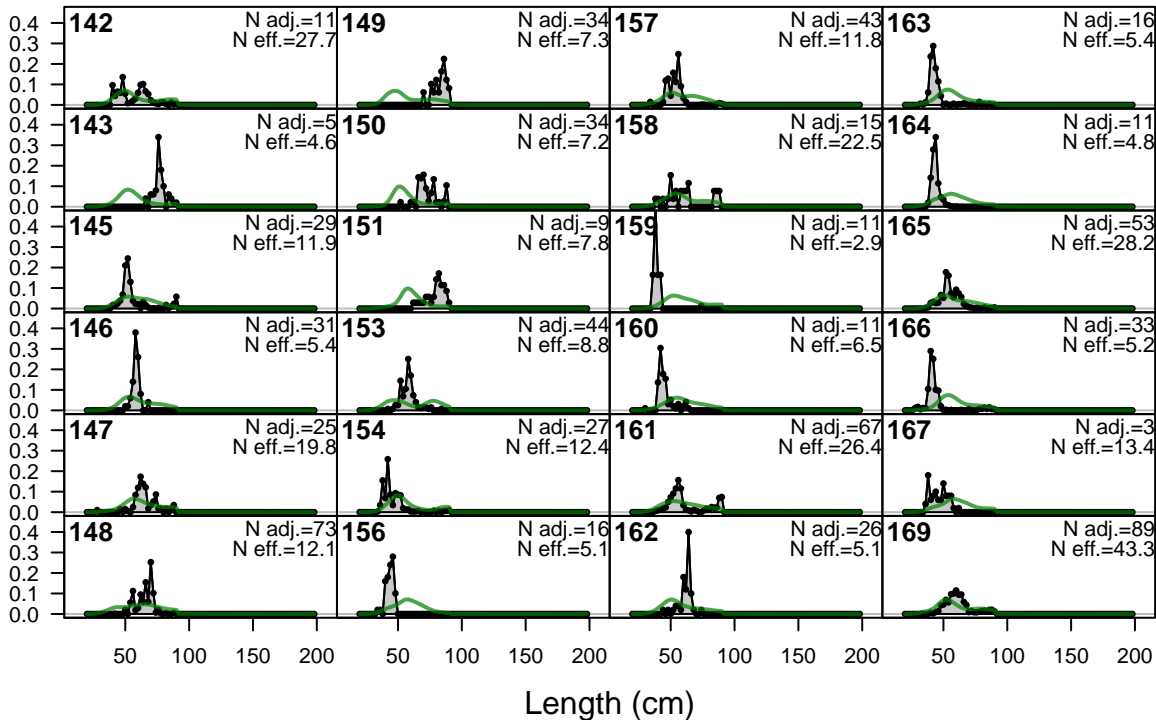
Proportion



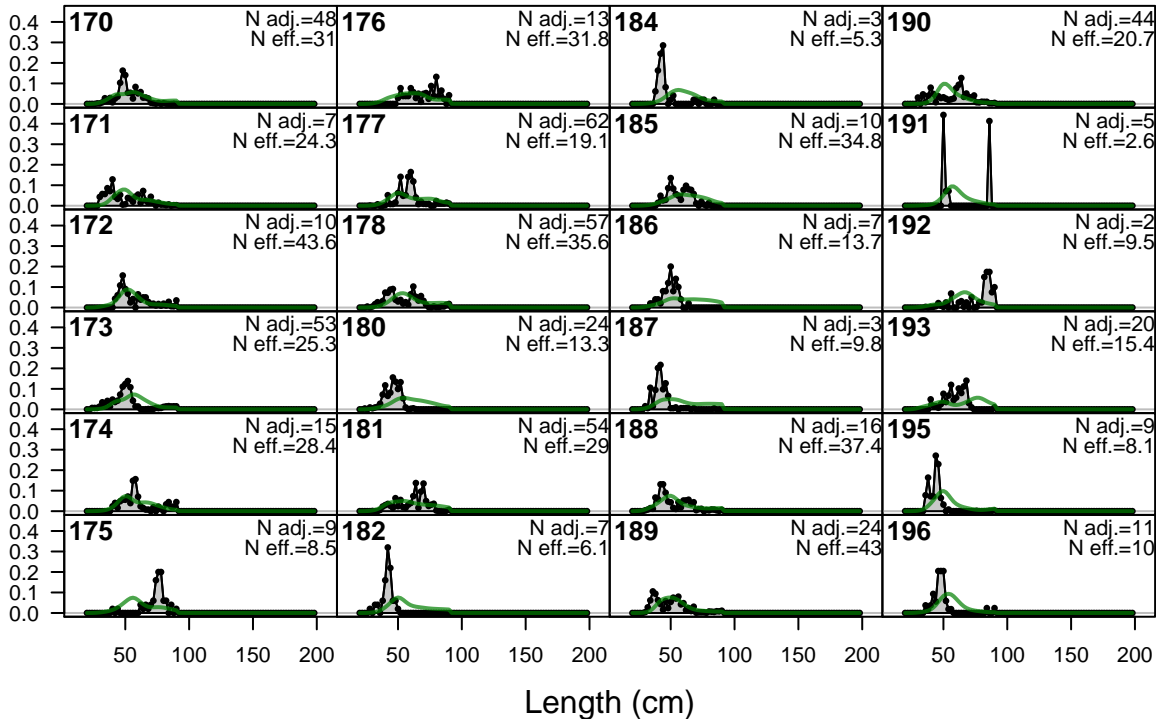
Proportion

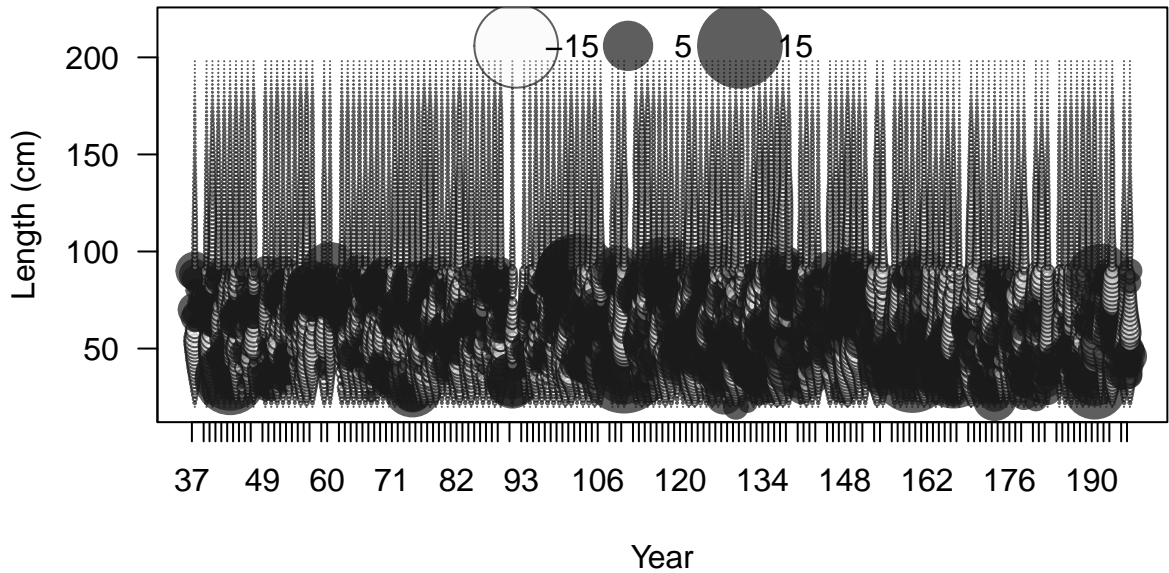


Proportion

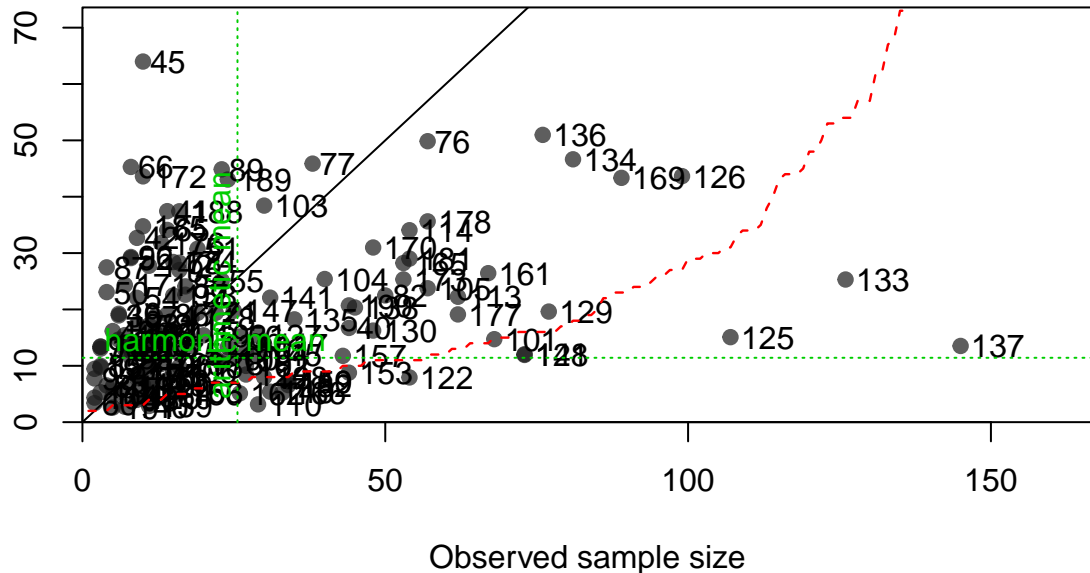


Proportion

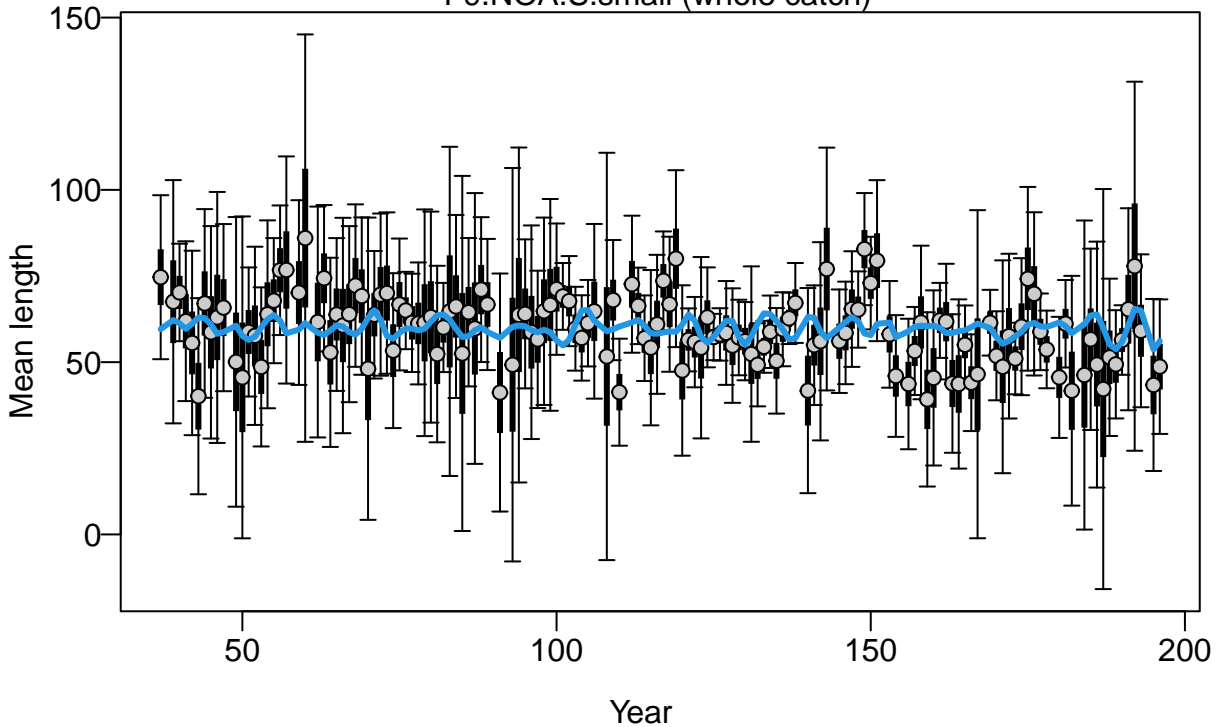




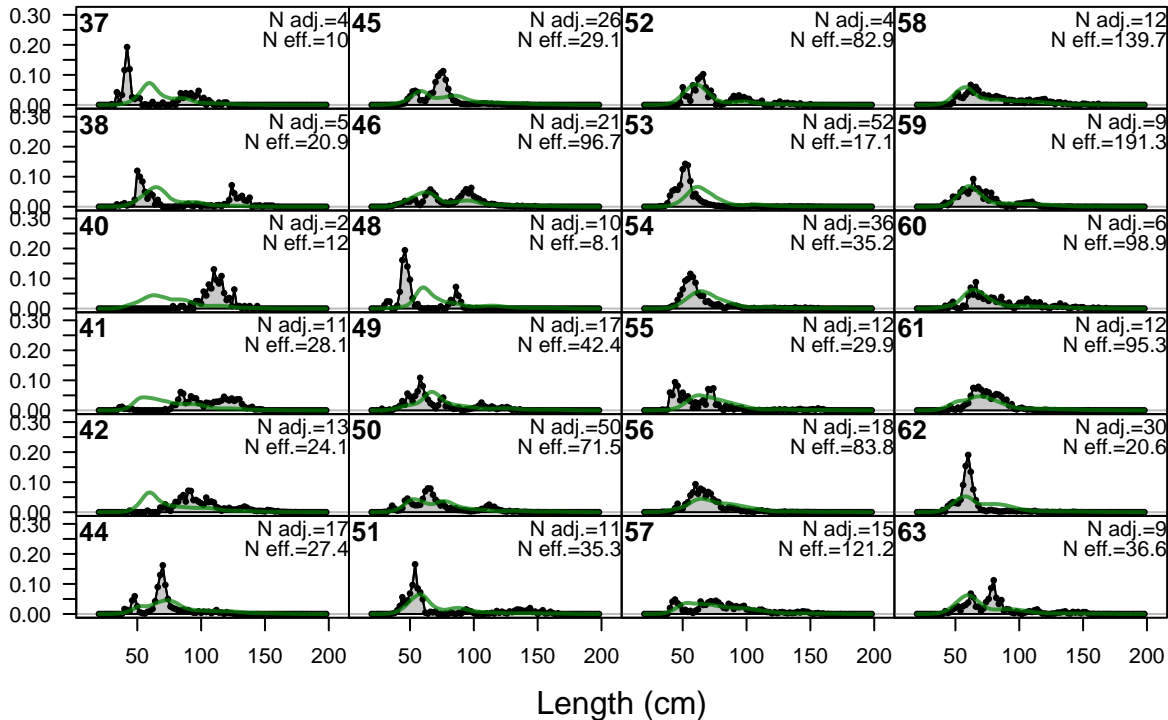
Effective sample size



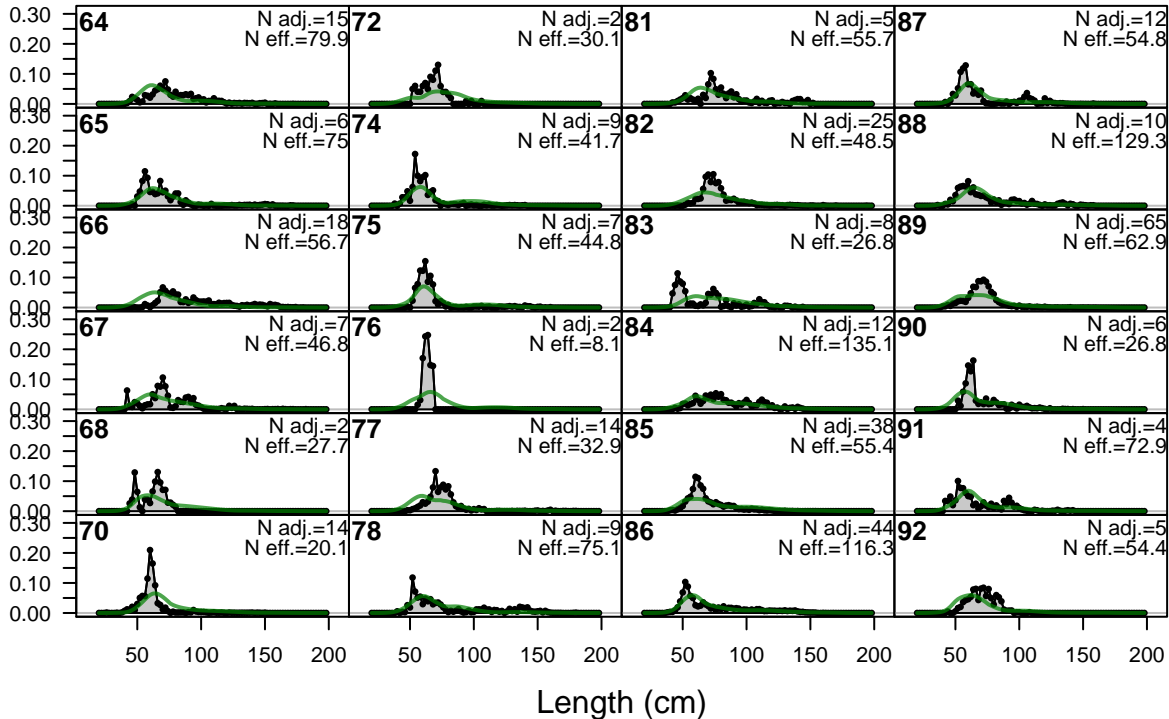
F9.NOA.S.small (whole catch)



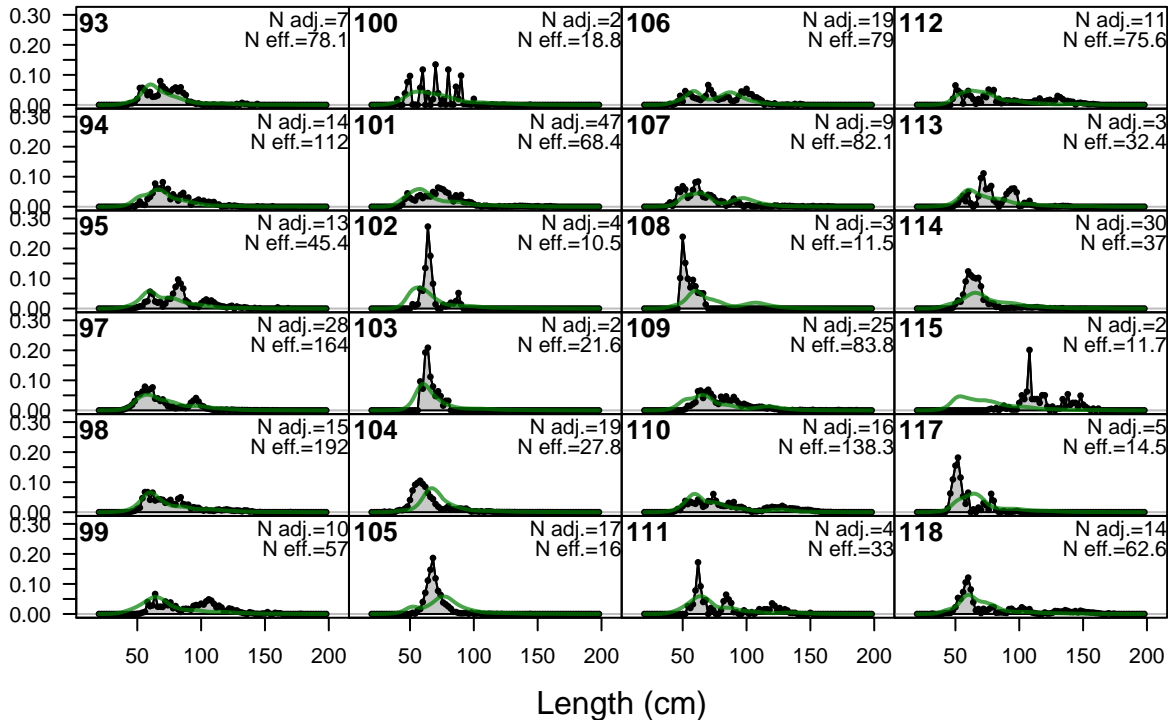
Proportion



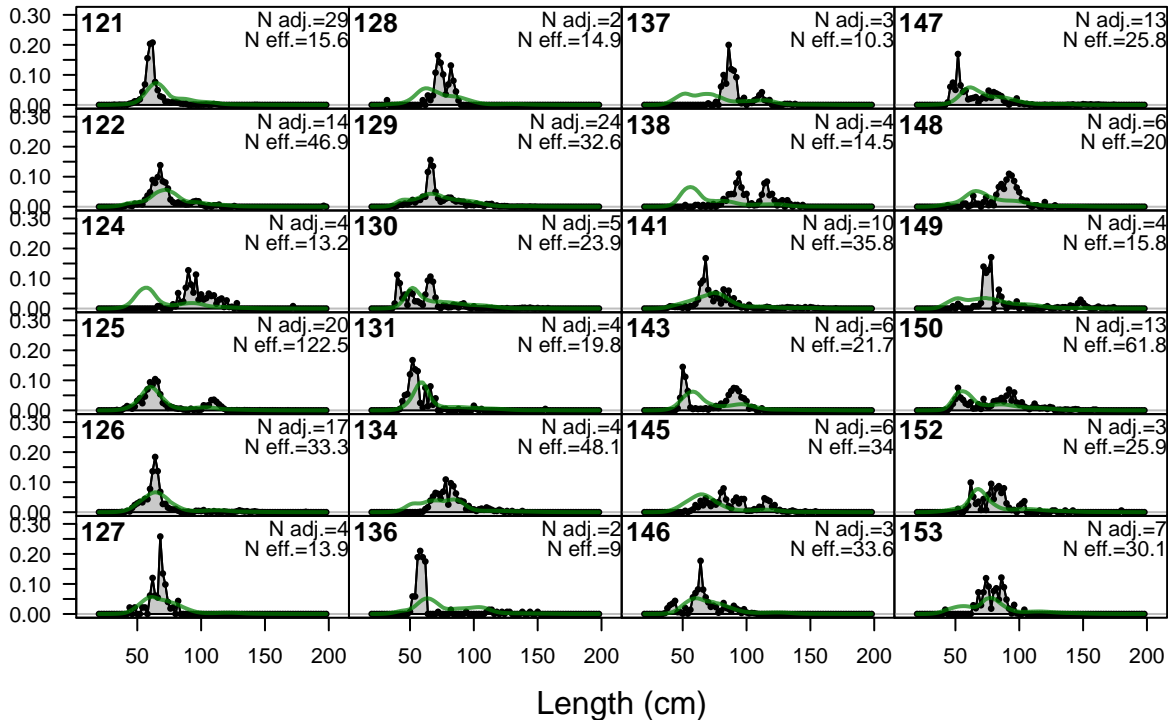
Proportion



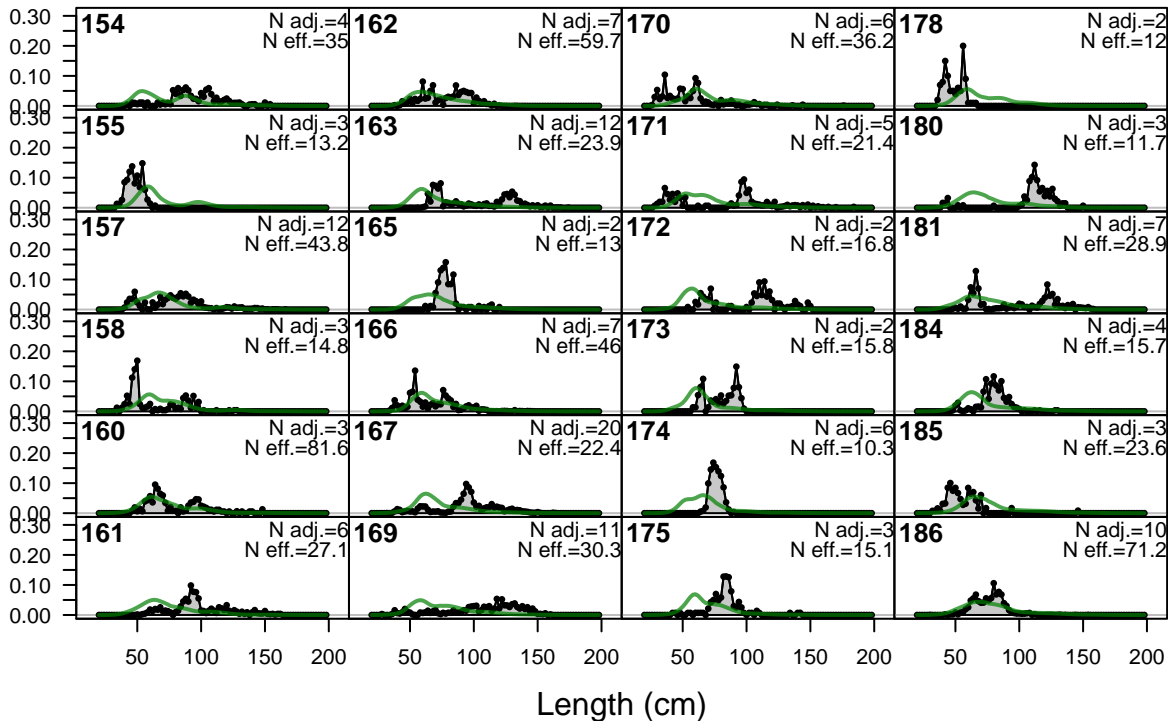
Proportion



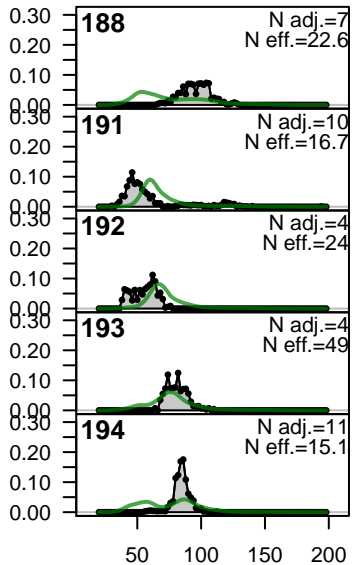
Proportion



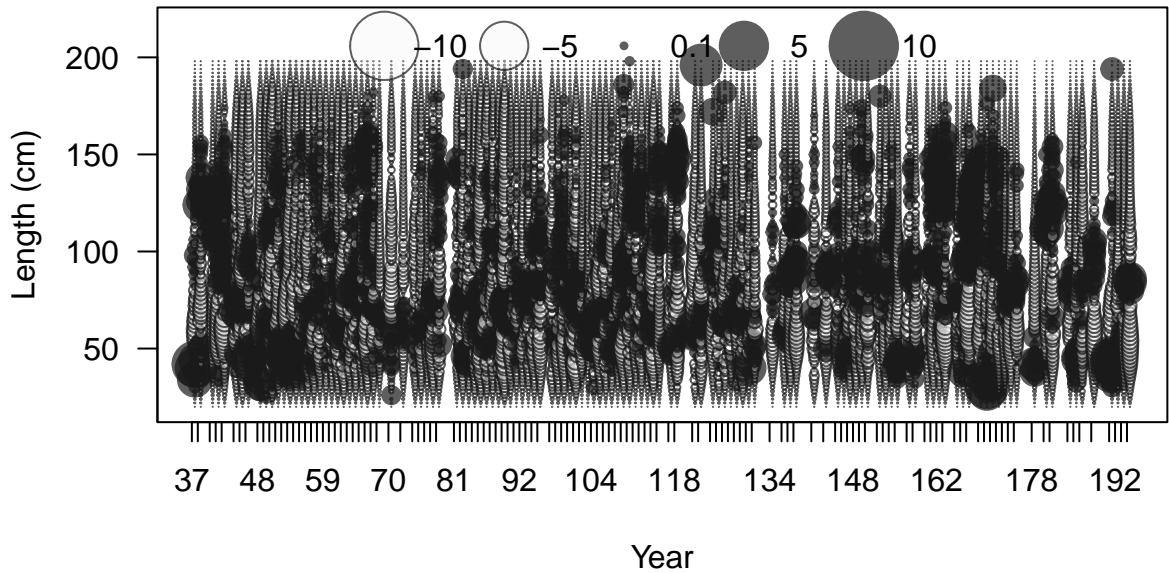
Proportion



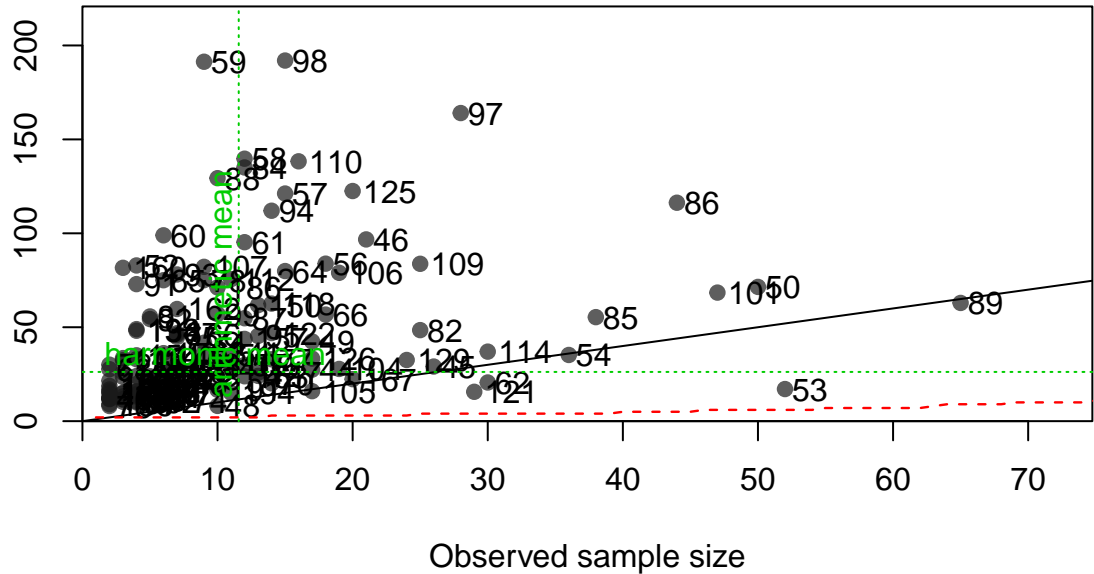
Proportion



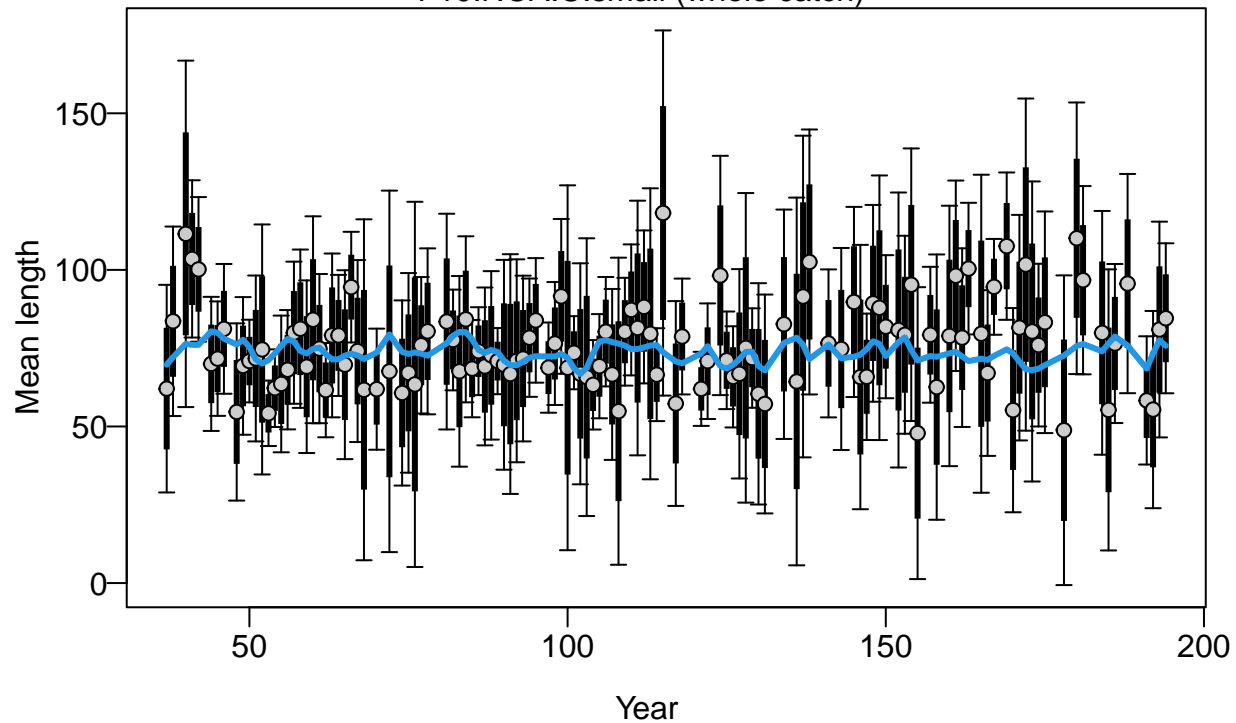
Length (cm)



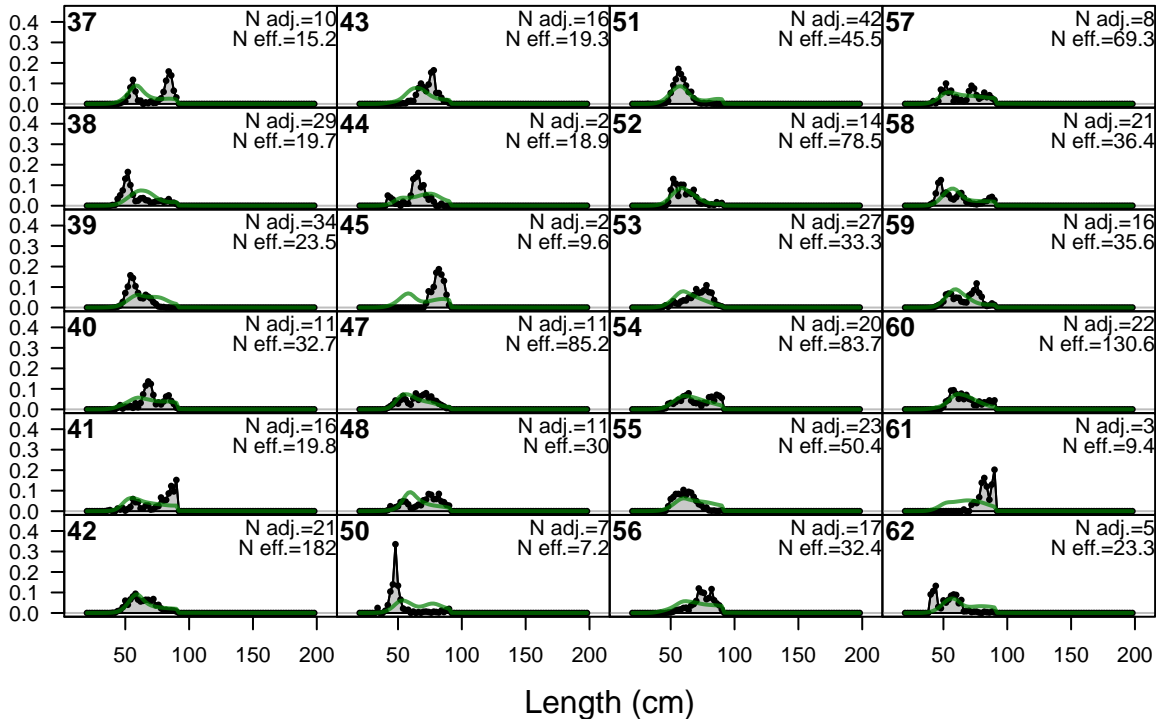
Effective sample size



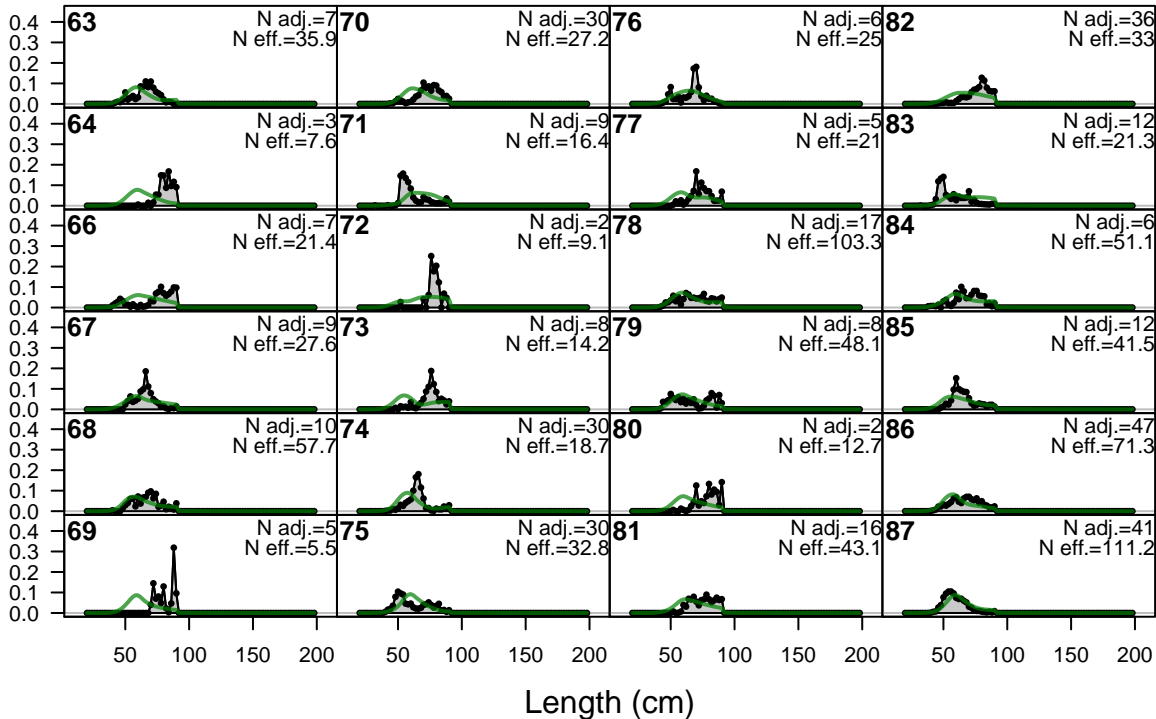
F10.NOA.C.small (whole catch)



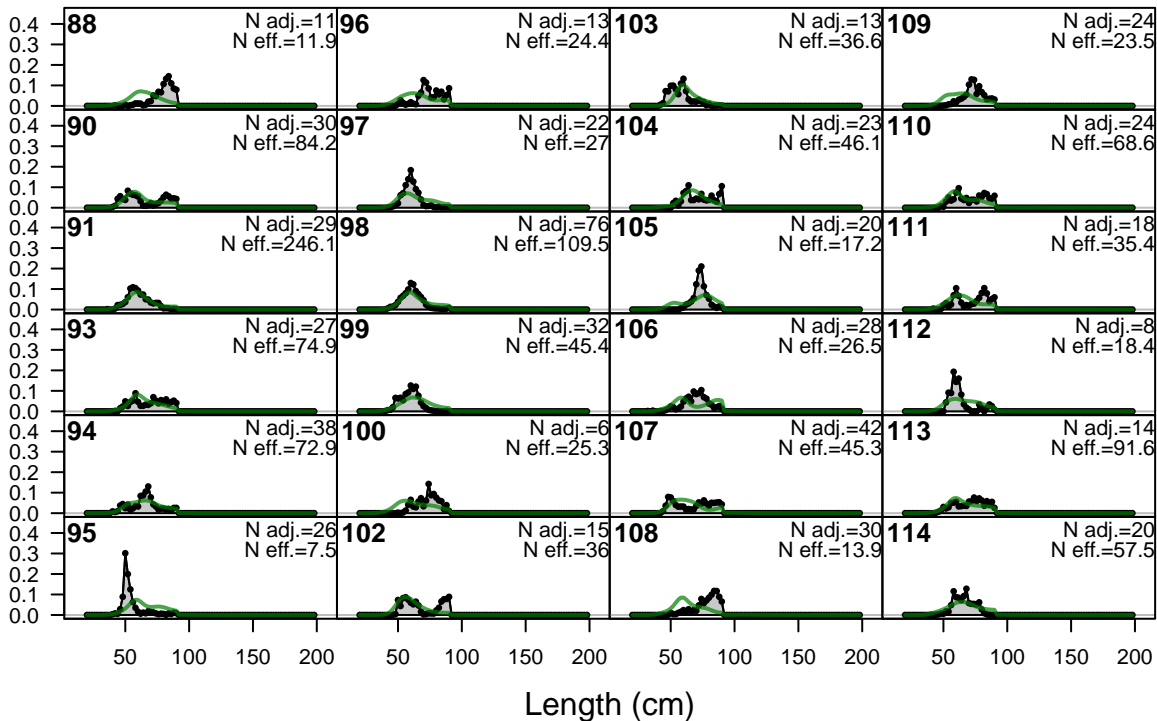
Proportion



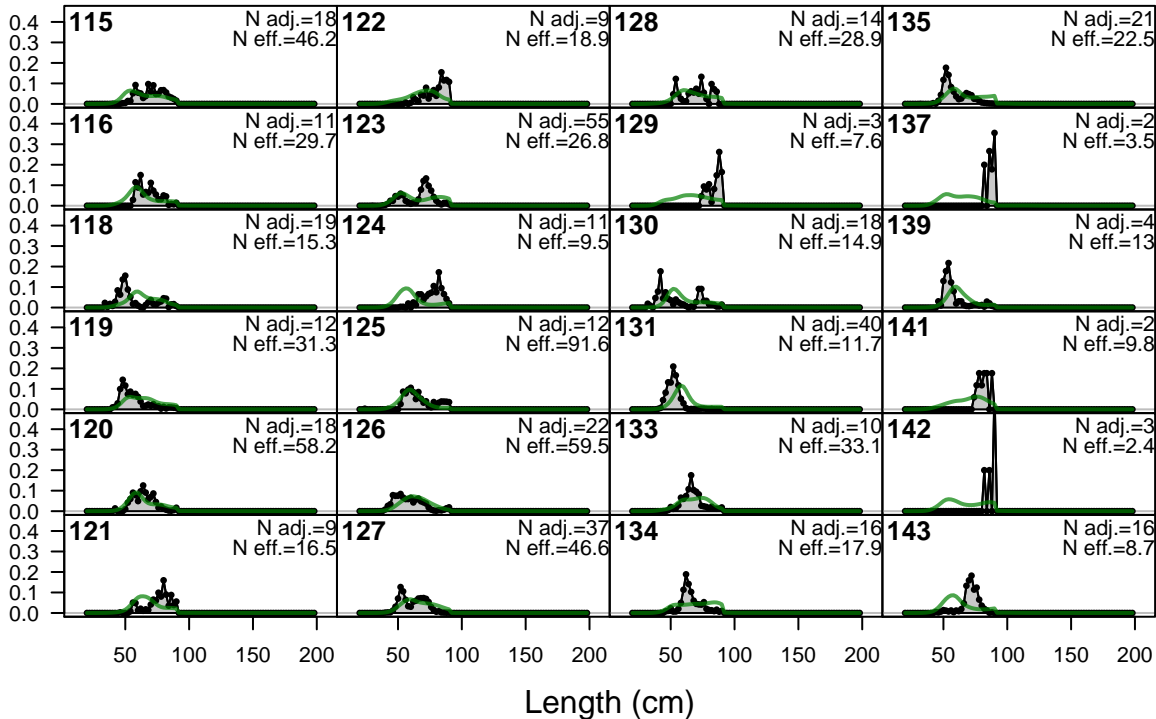
Proportion



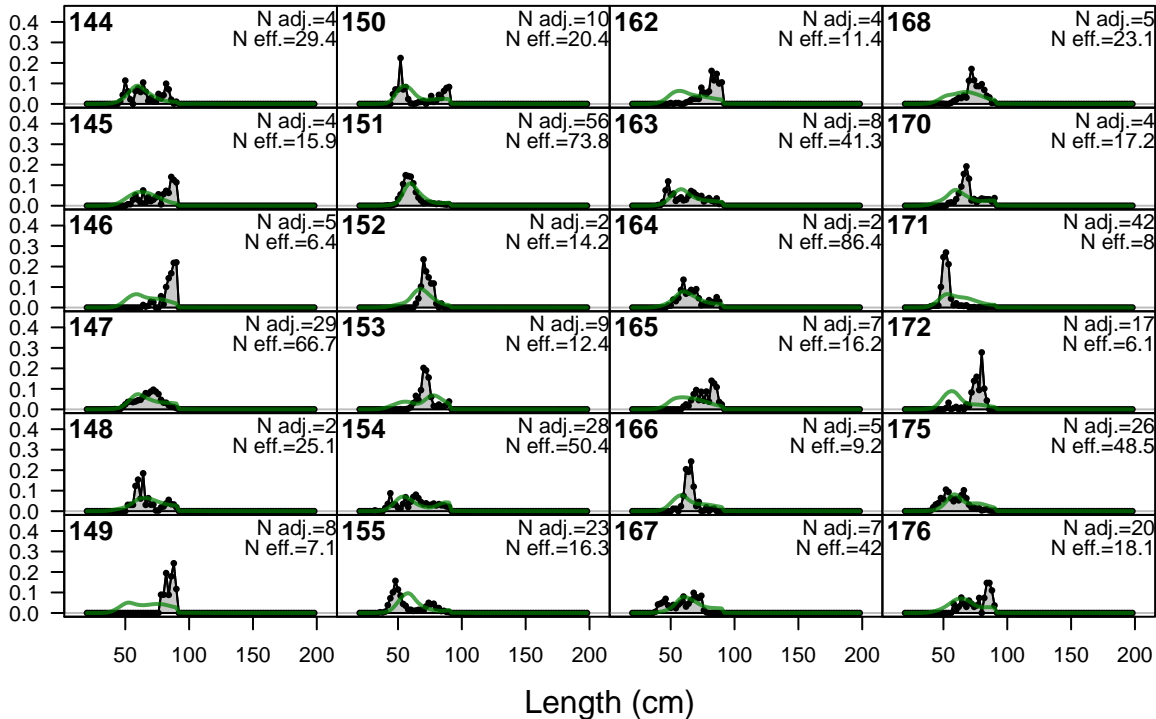
Proportion



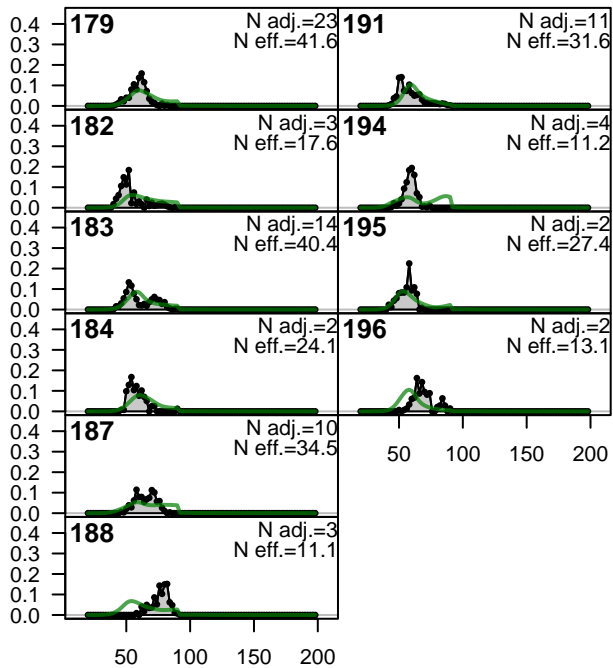
Proportion



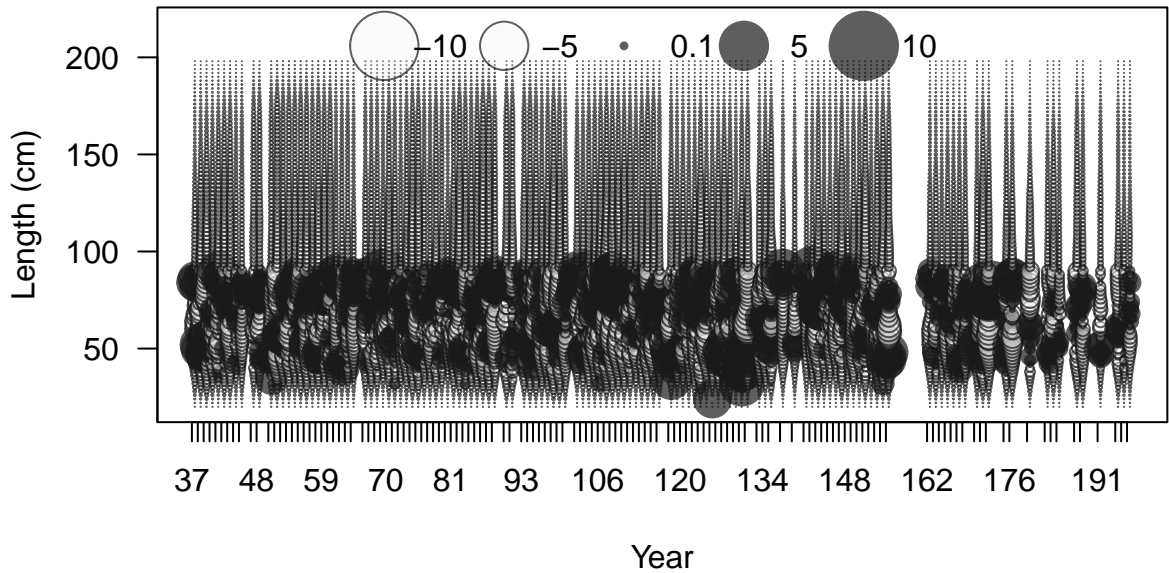
Proportion



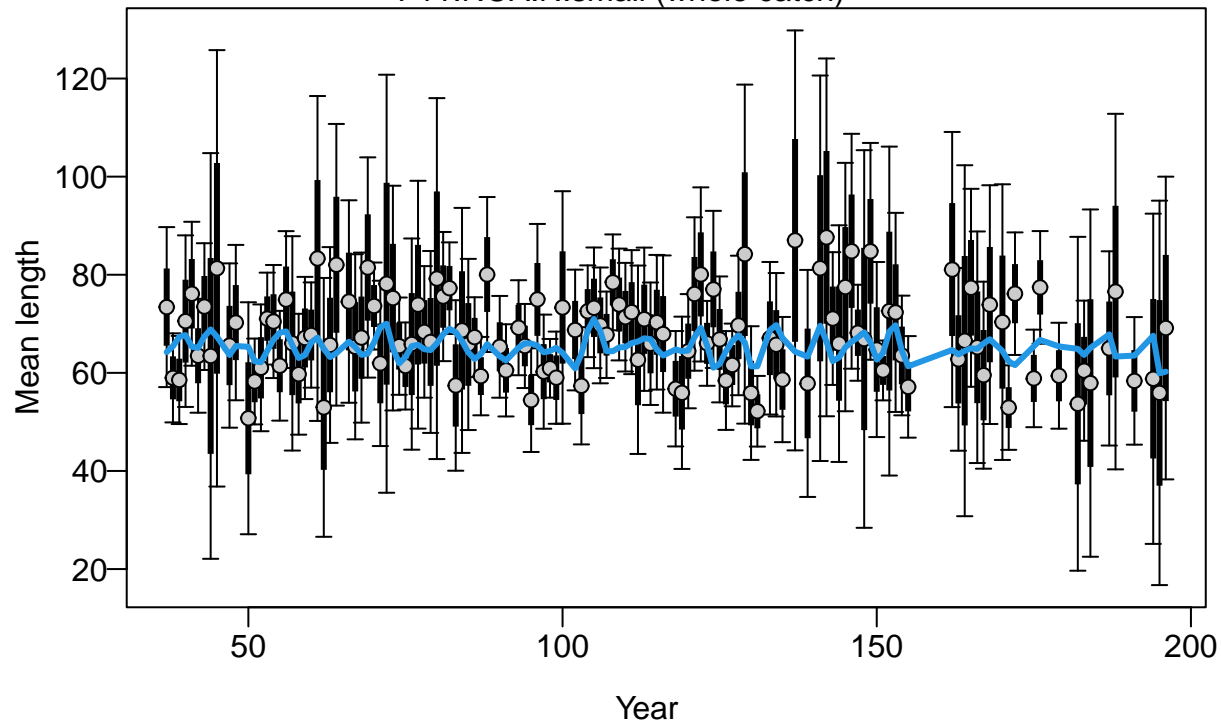
Proportion



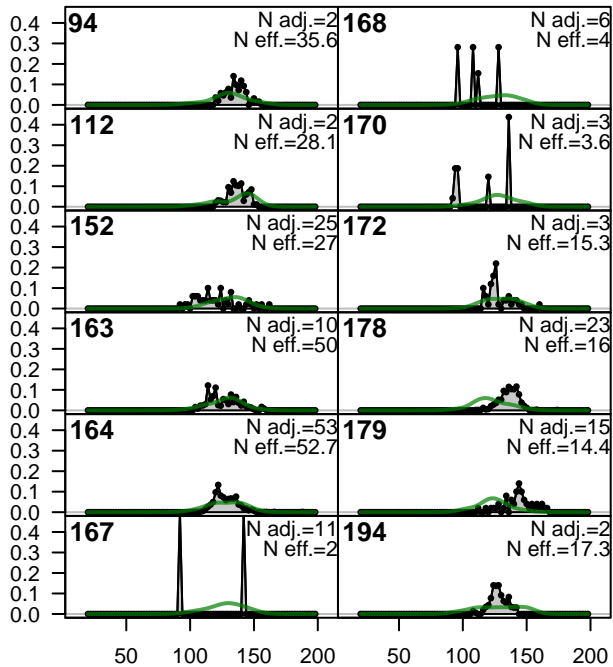
Length (cm)



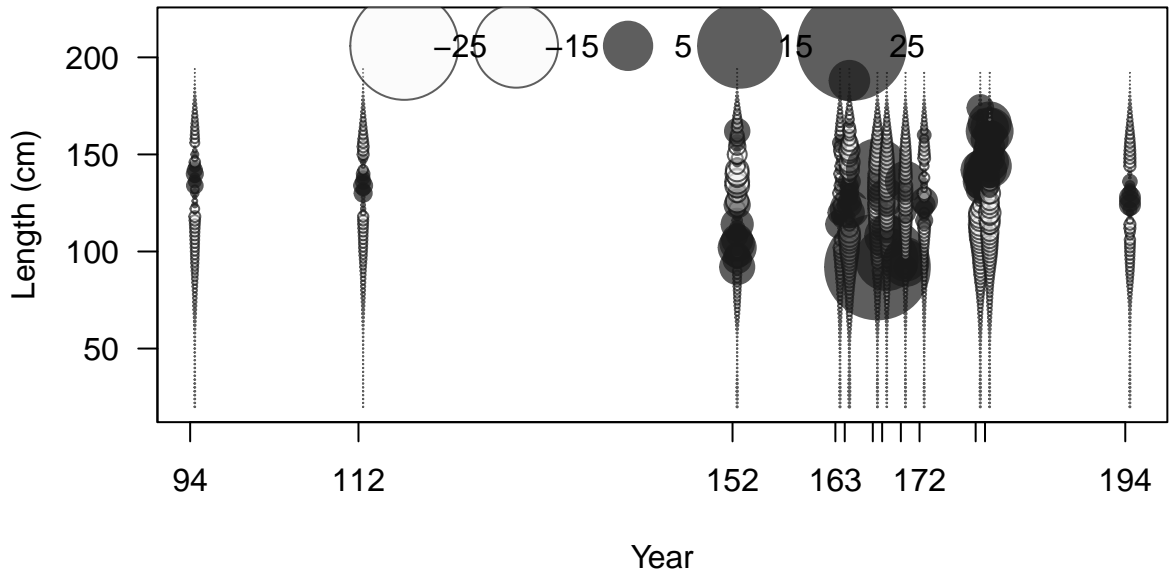
F11.NOA.N.small (whole catch)

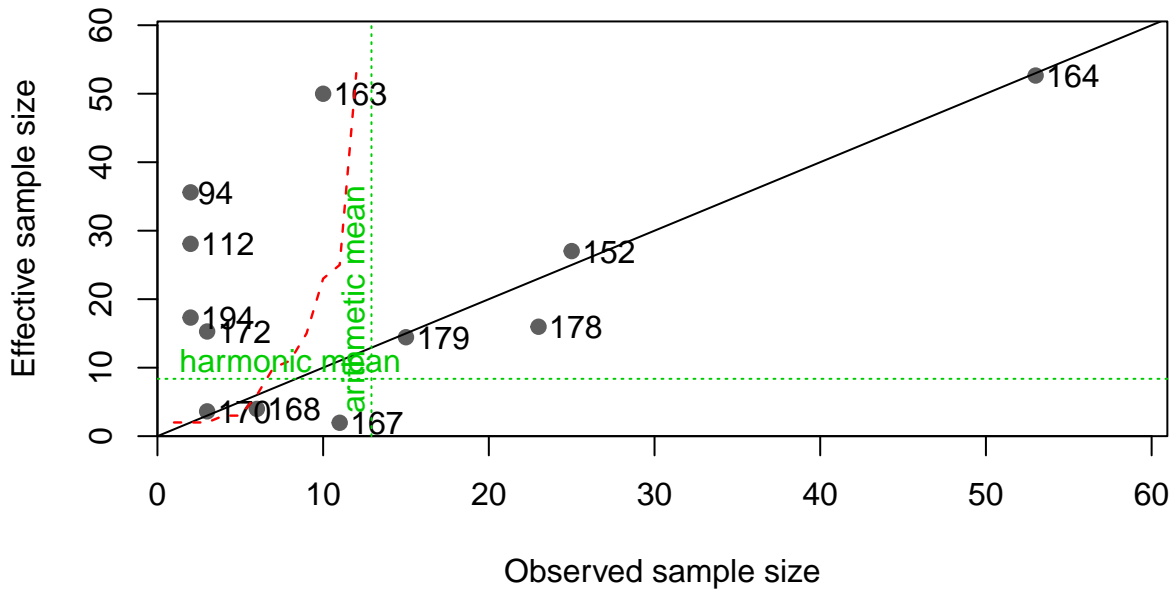


Proportion

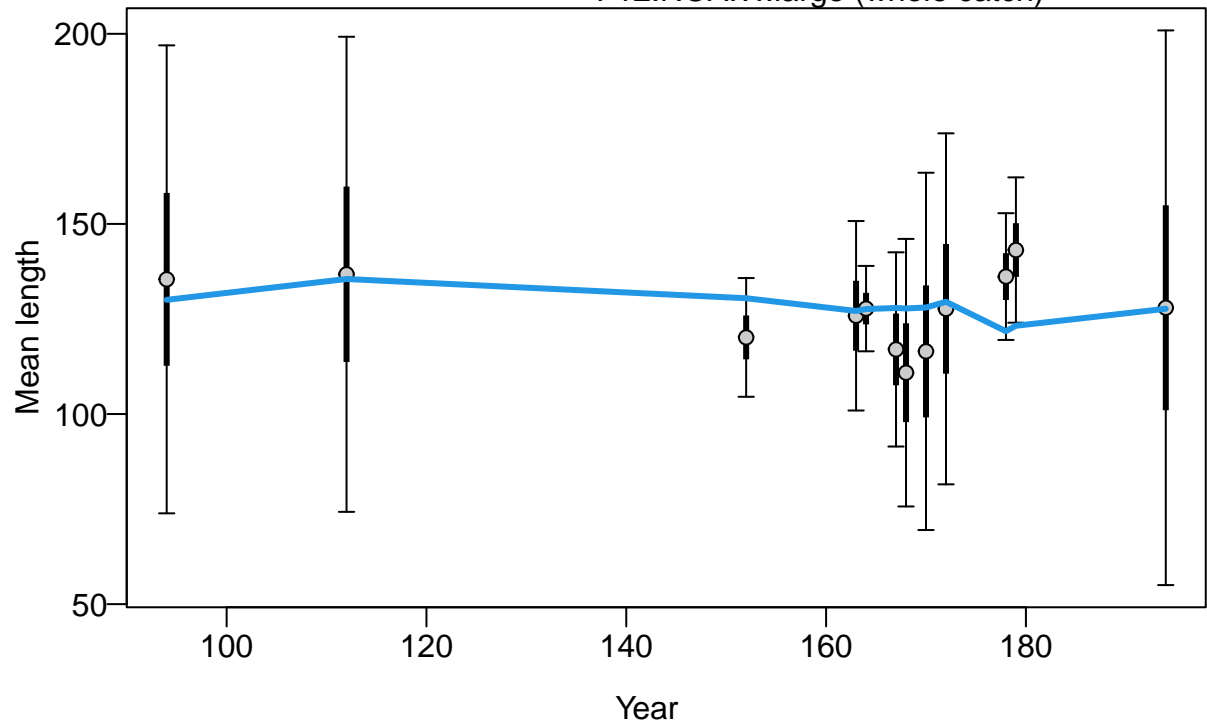


Length (cm)

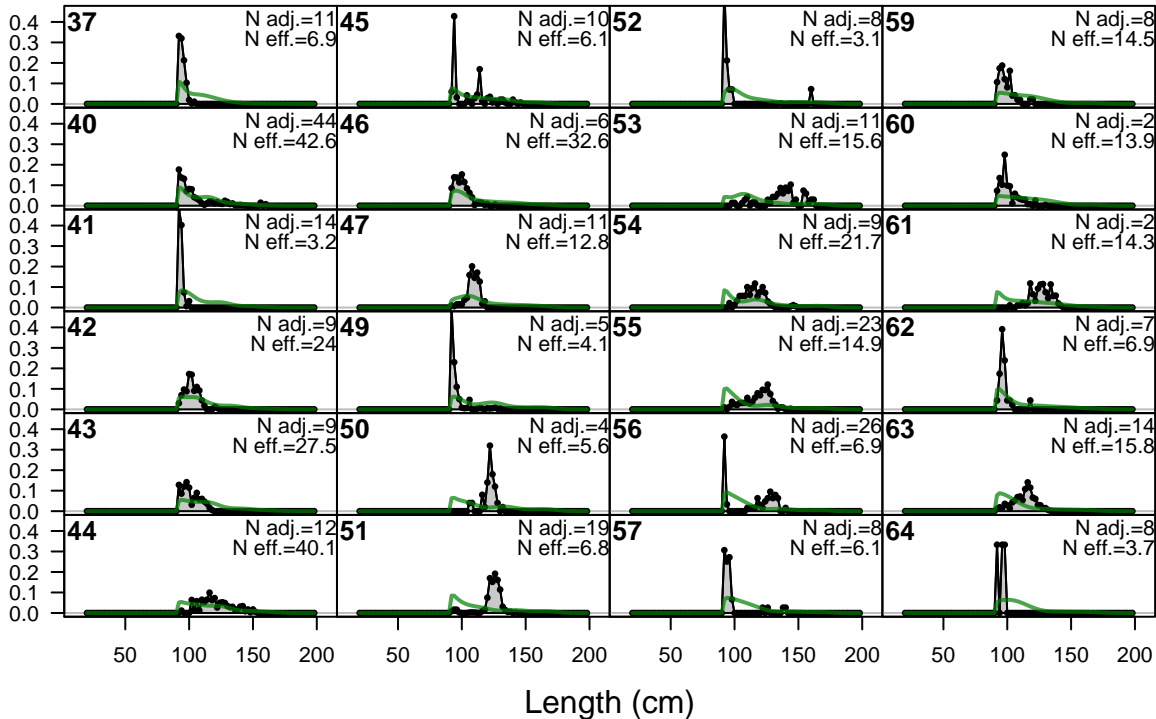




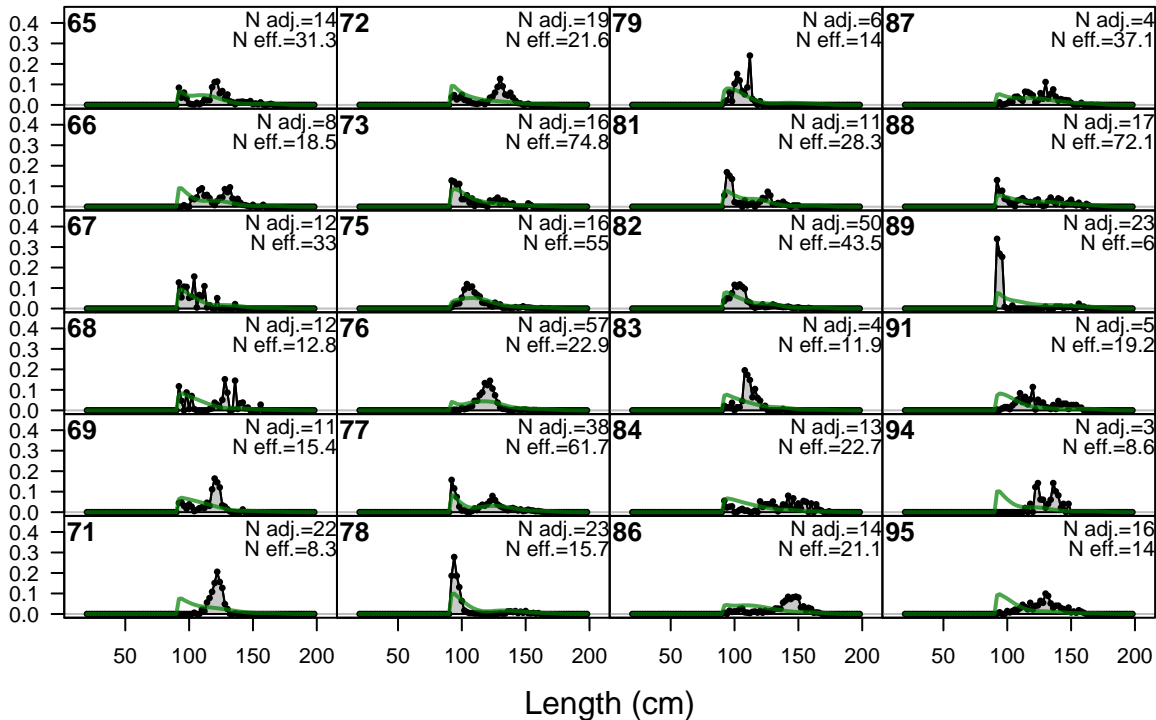
F12.NOA.W.large (whole catch)



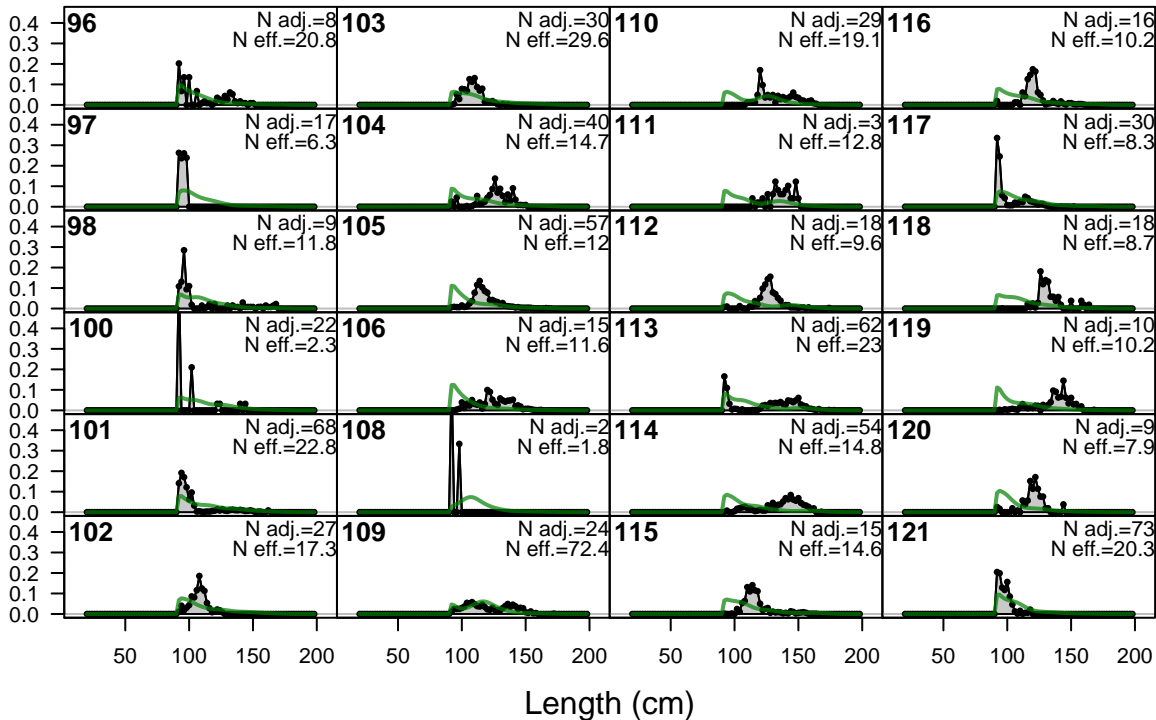
Proportion



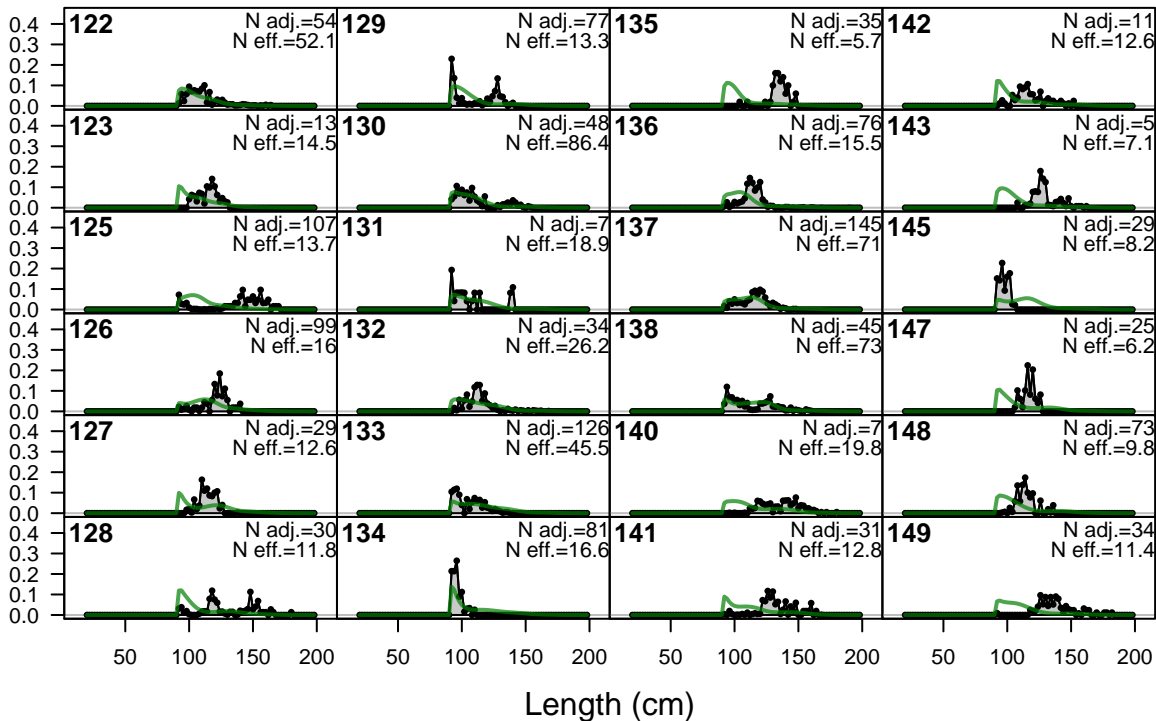
Proportion



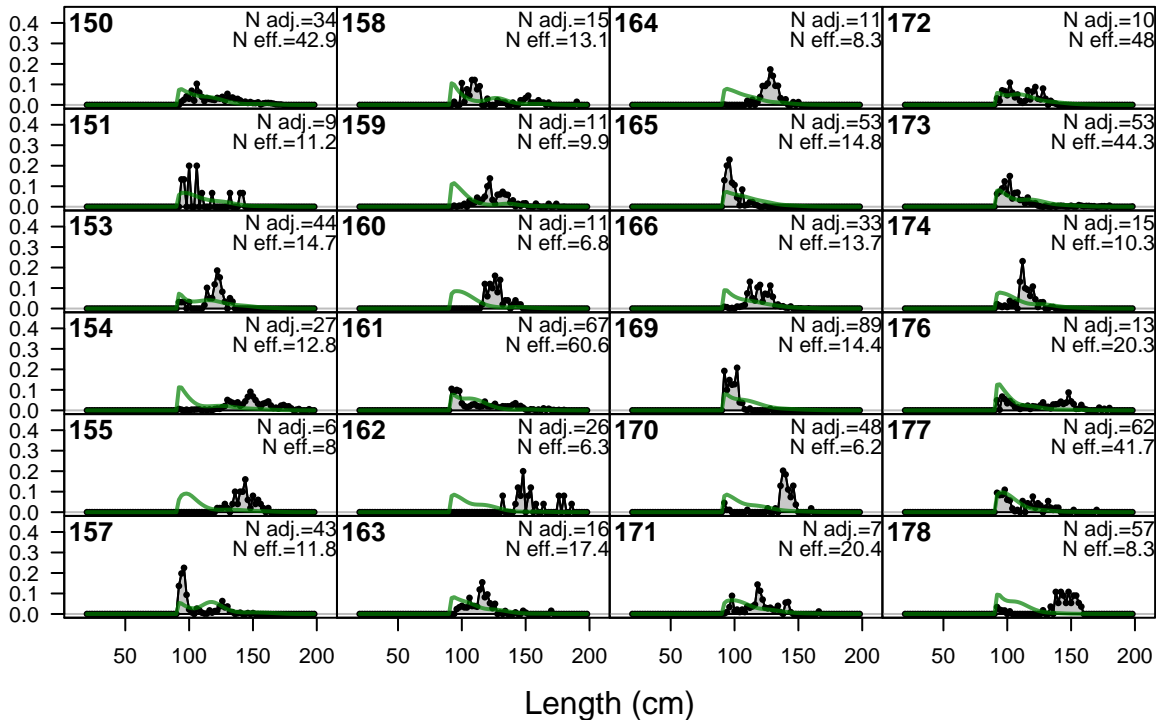
Proportion



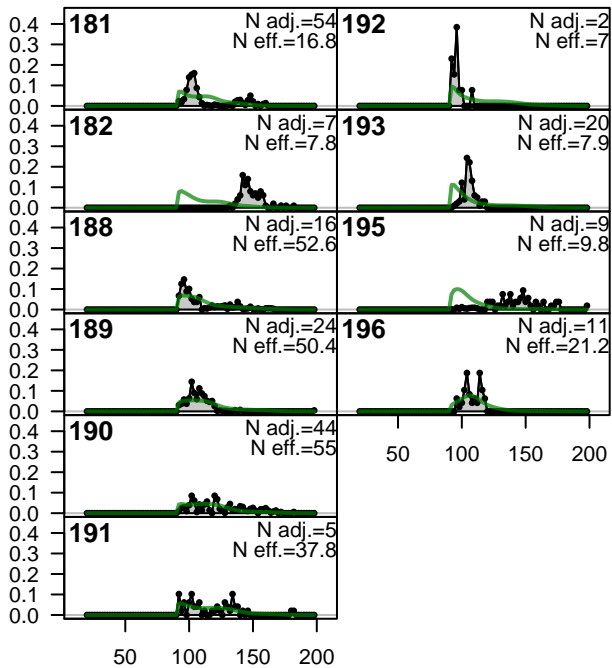
Proportion



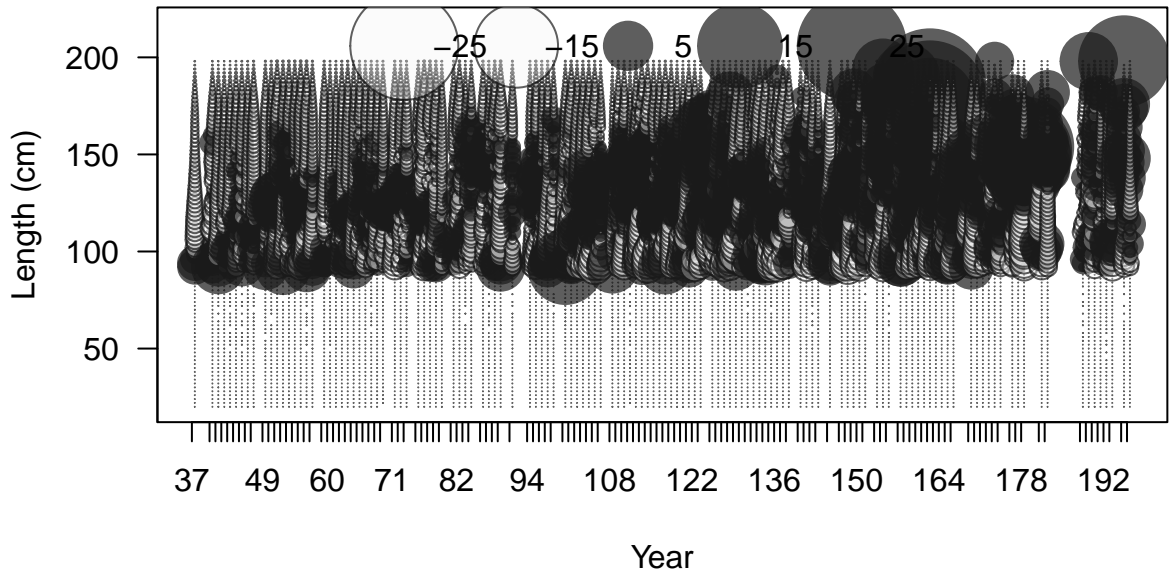
Proportion



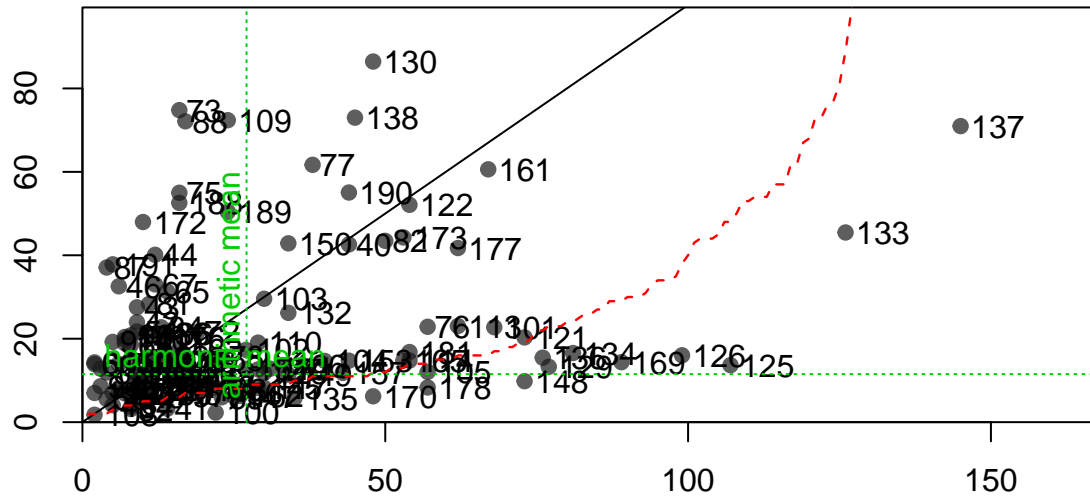
Proportion



Length (cm)

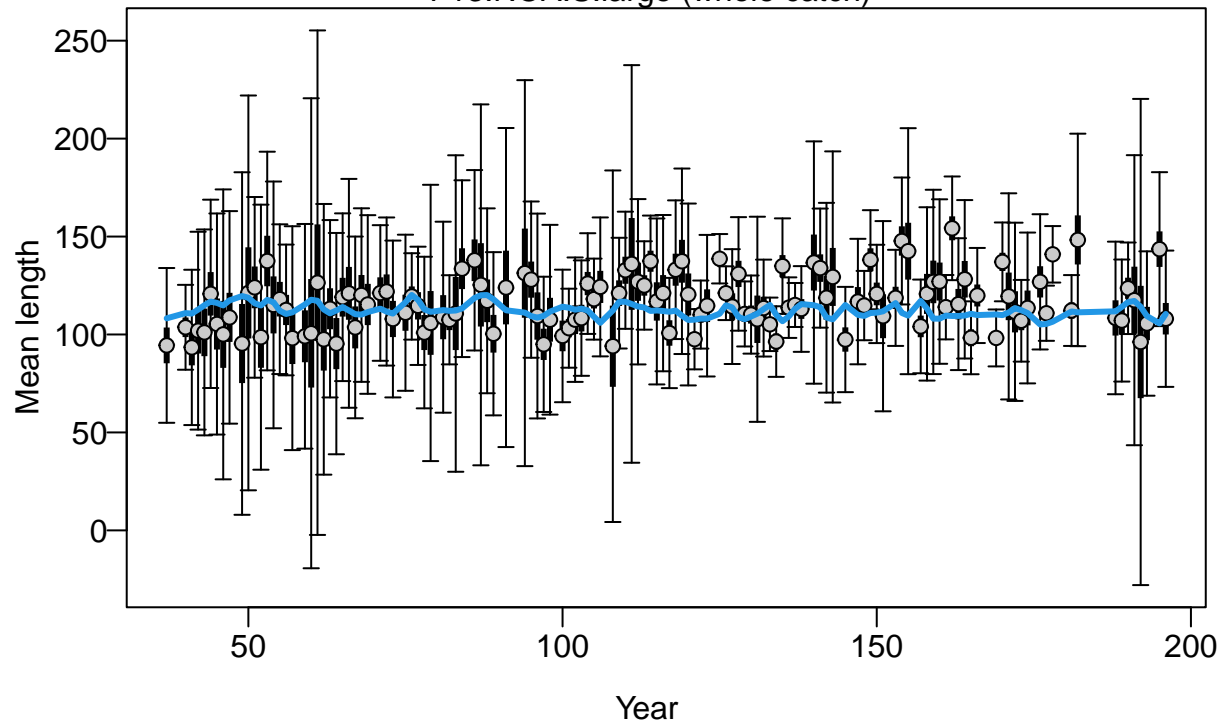


Effective sample size

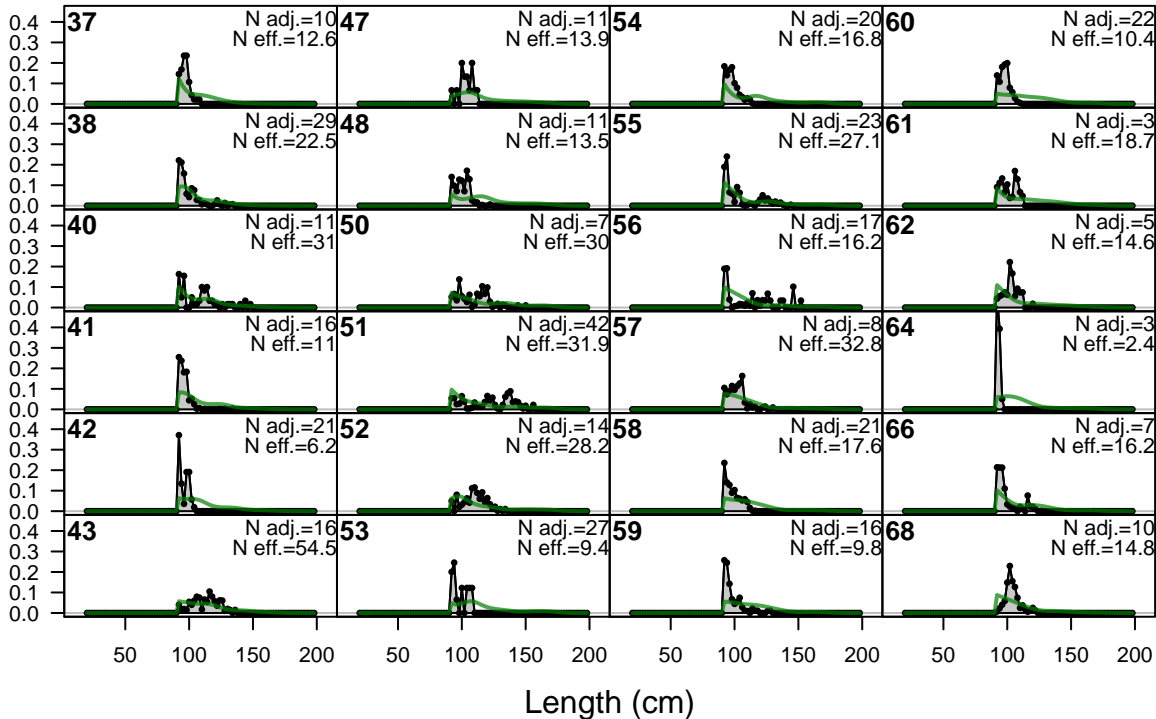


Observed sample size

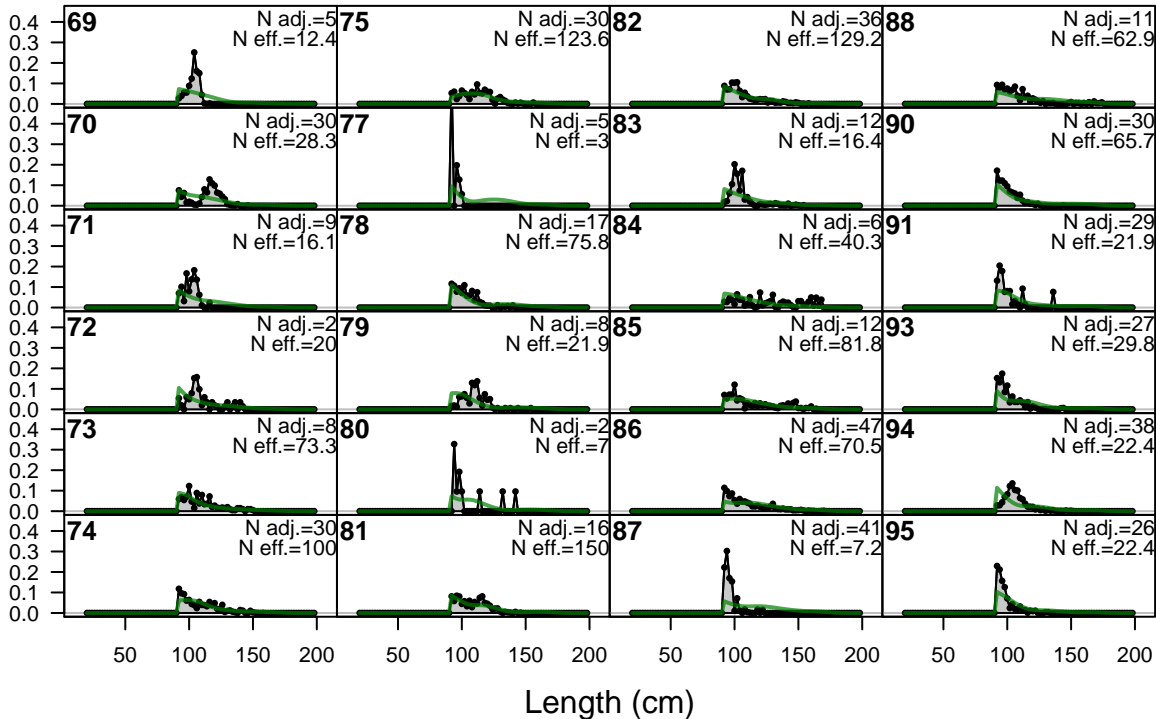
F13.NOA.S.large (whole catch)



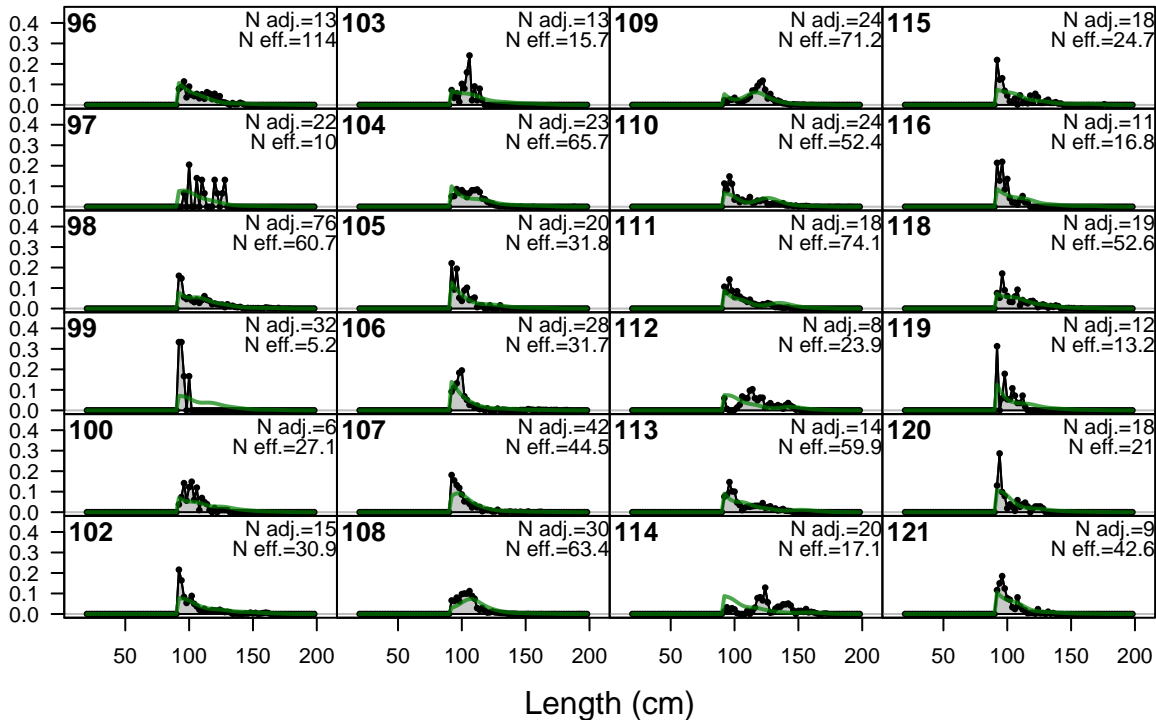
Proportion



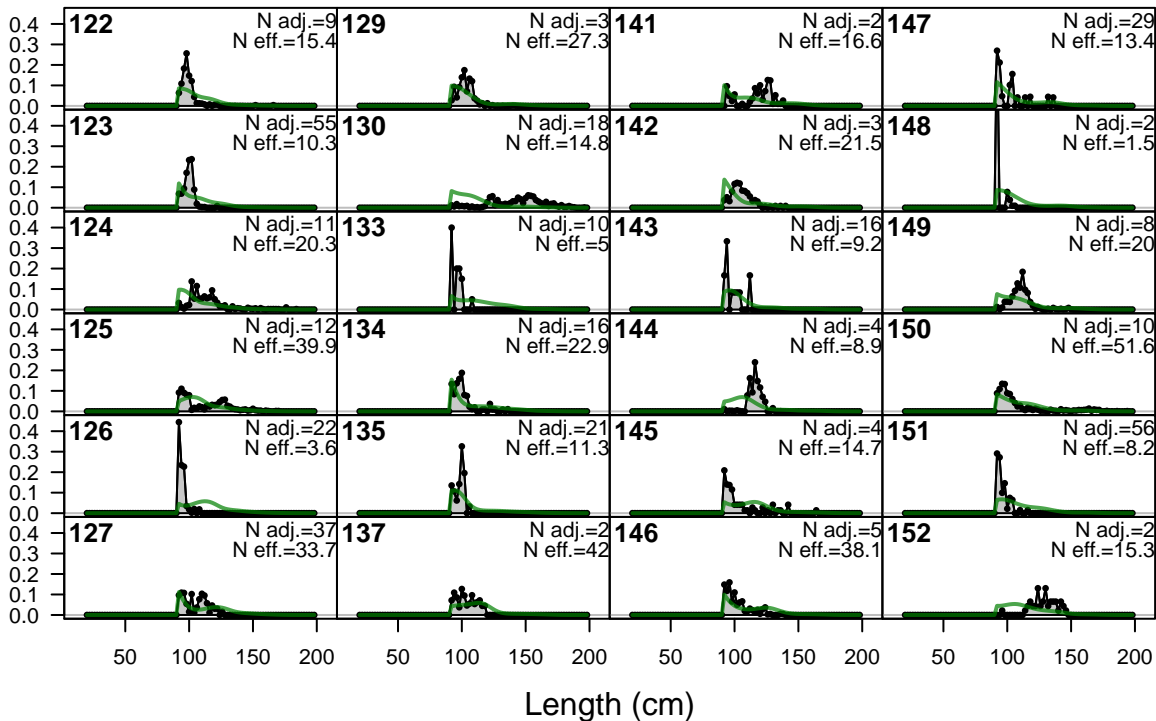
Proportion



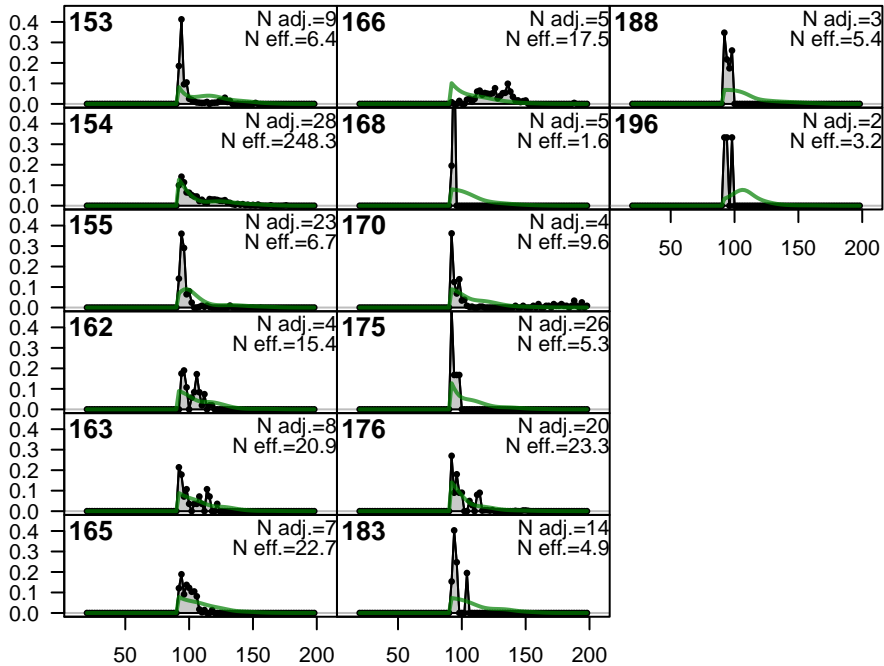
Proportion



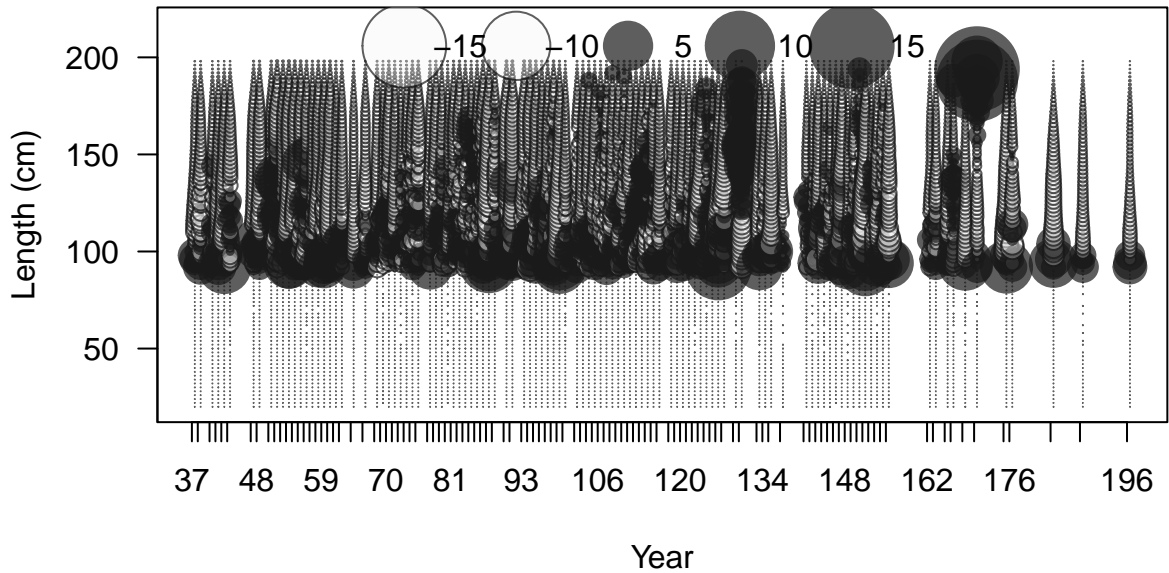
Proportion



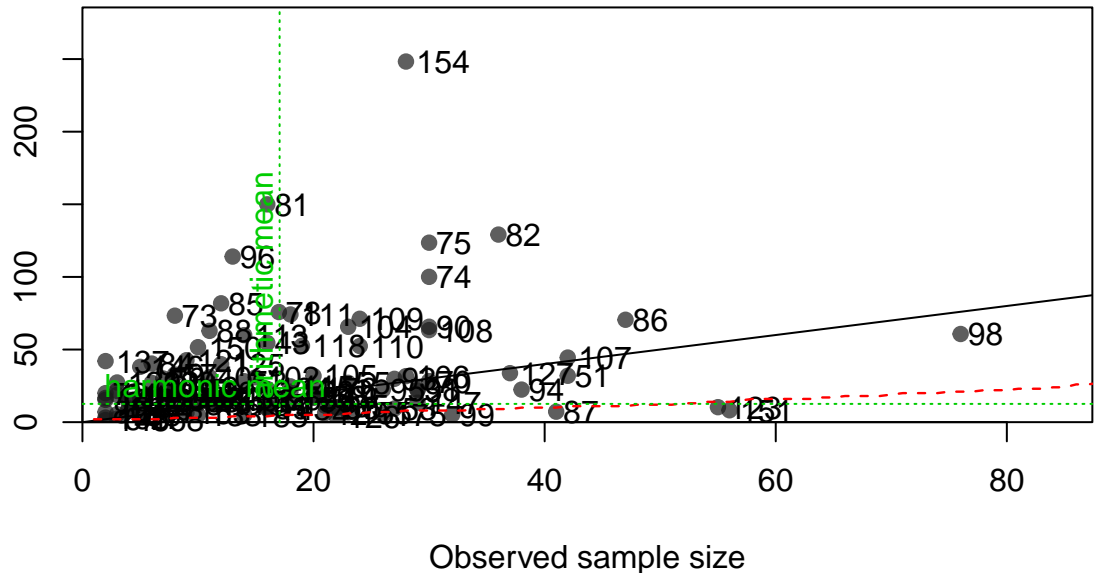
Proportion



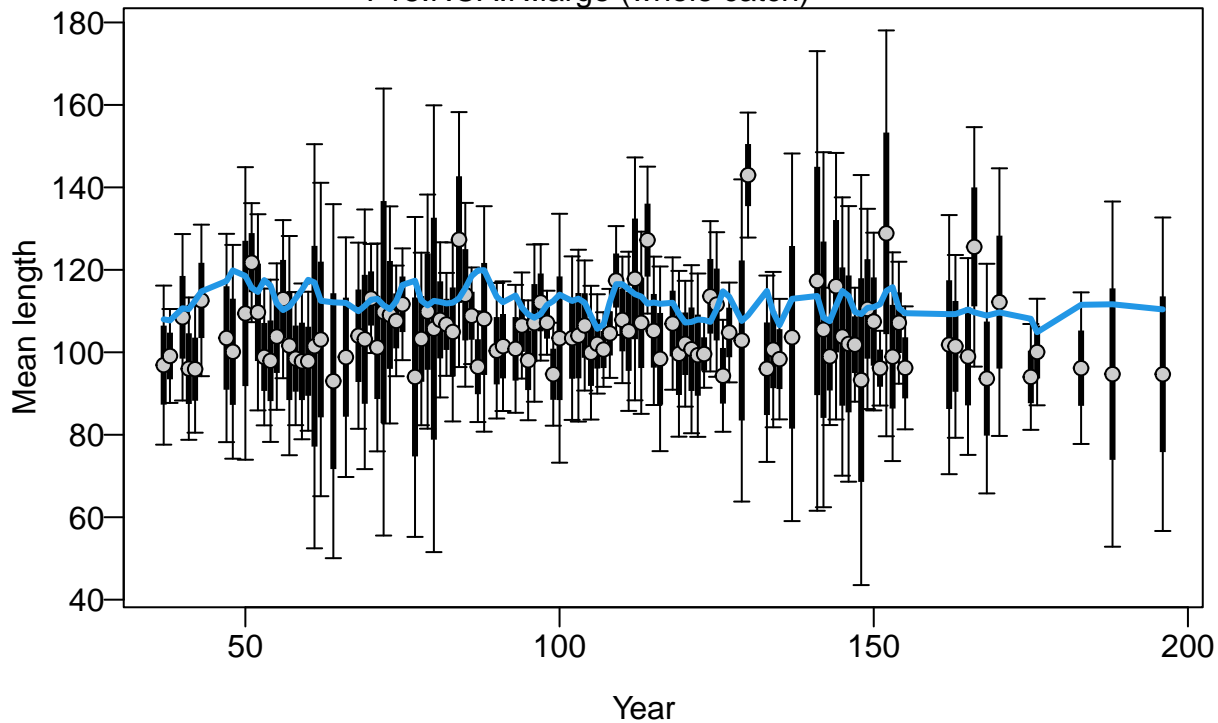
Length (cm)



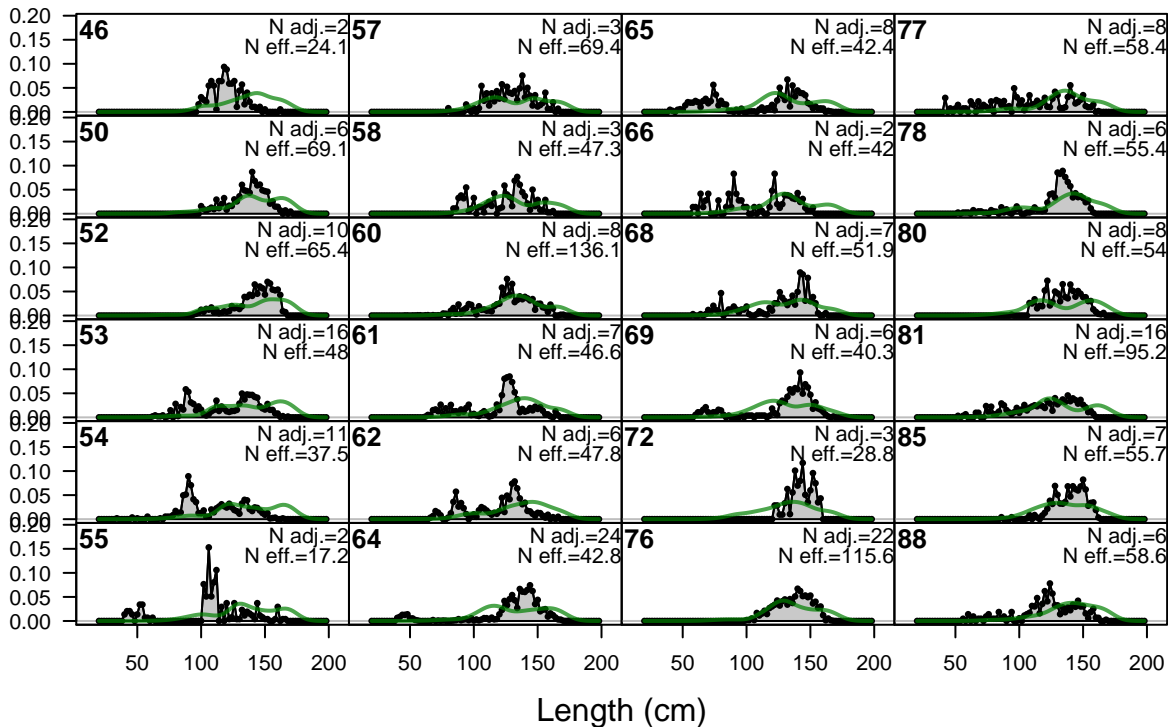
Effective sample size



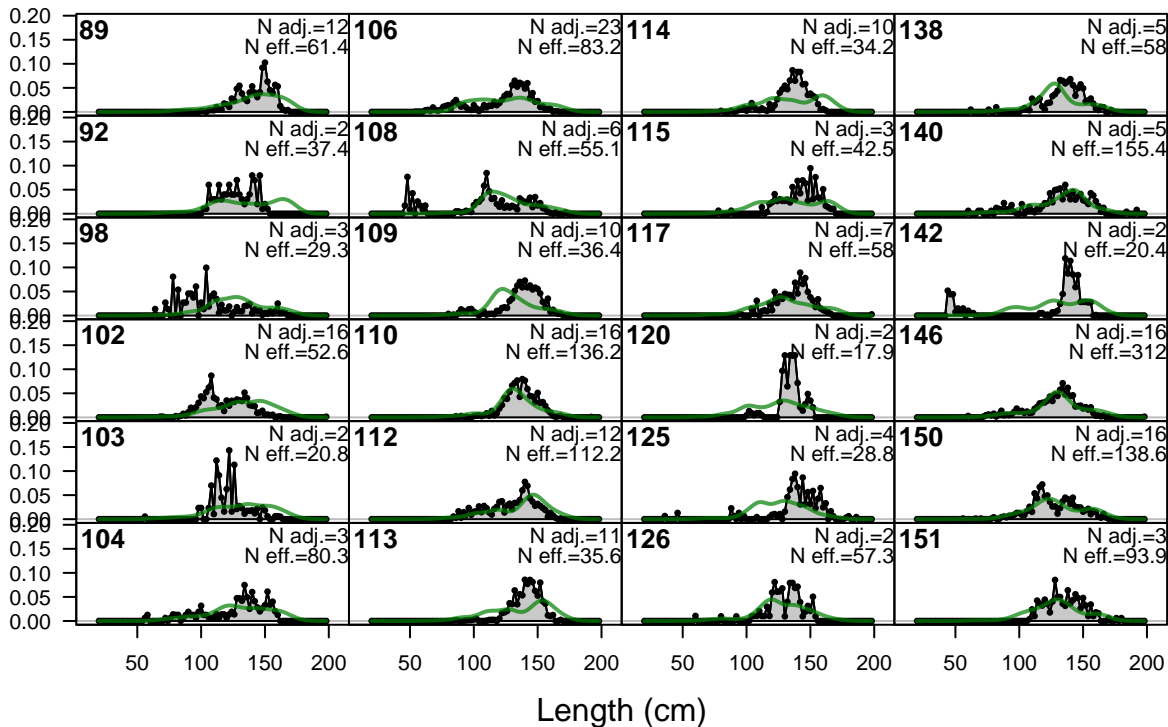
F15.NOA.N.large (whole catch)



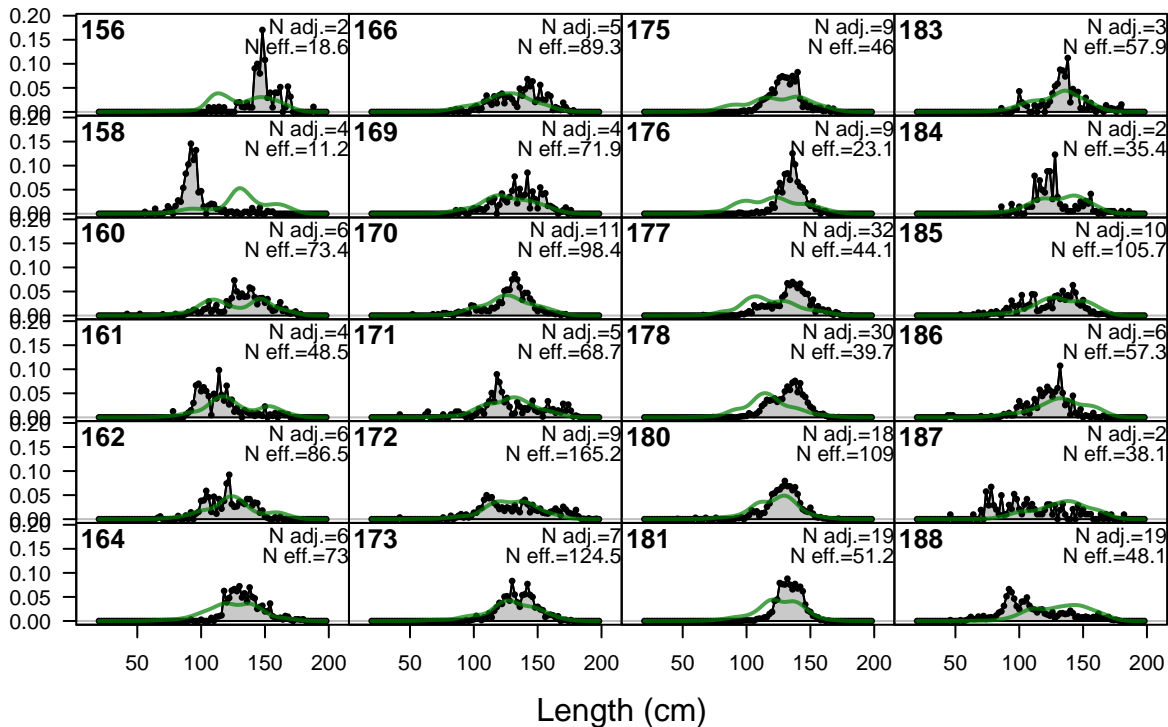
Proportion



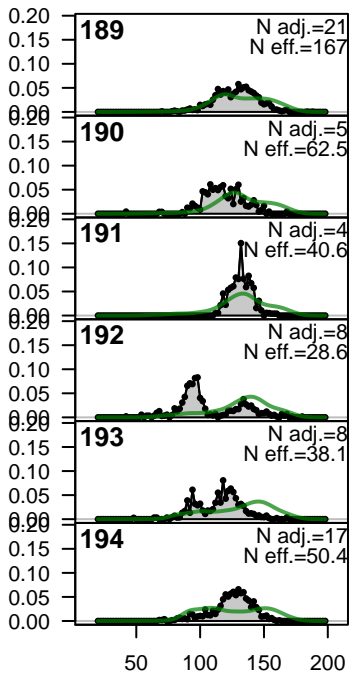
Proportion



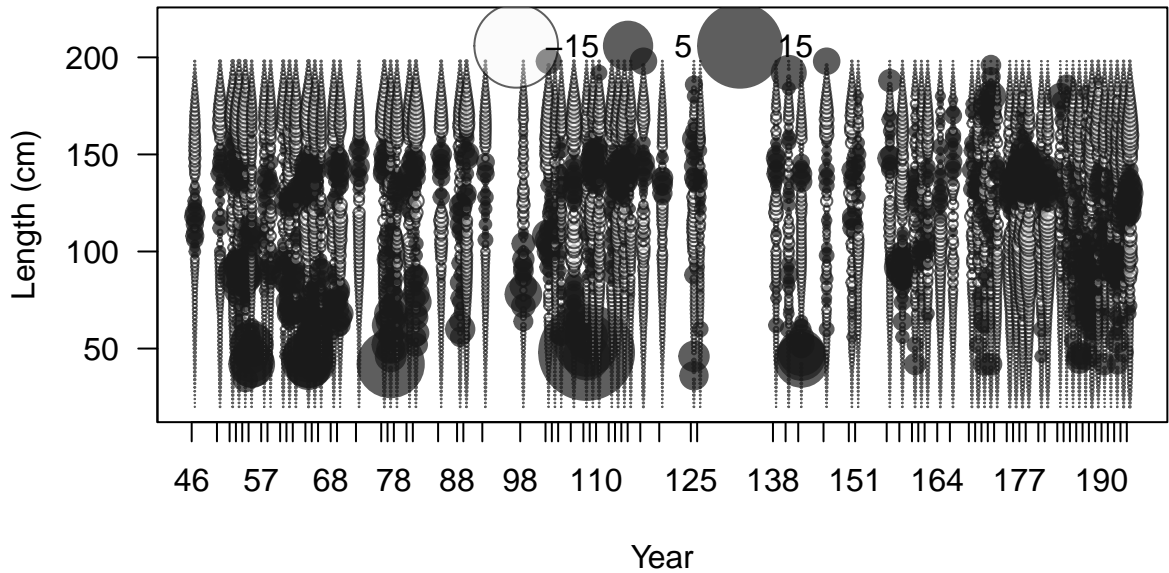
Proportion



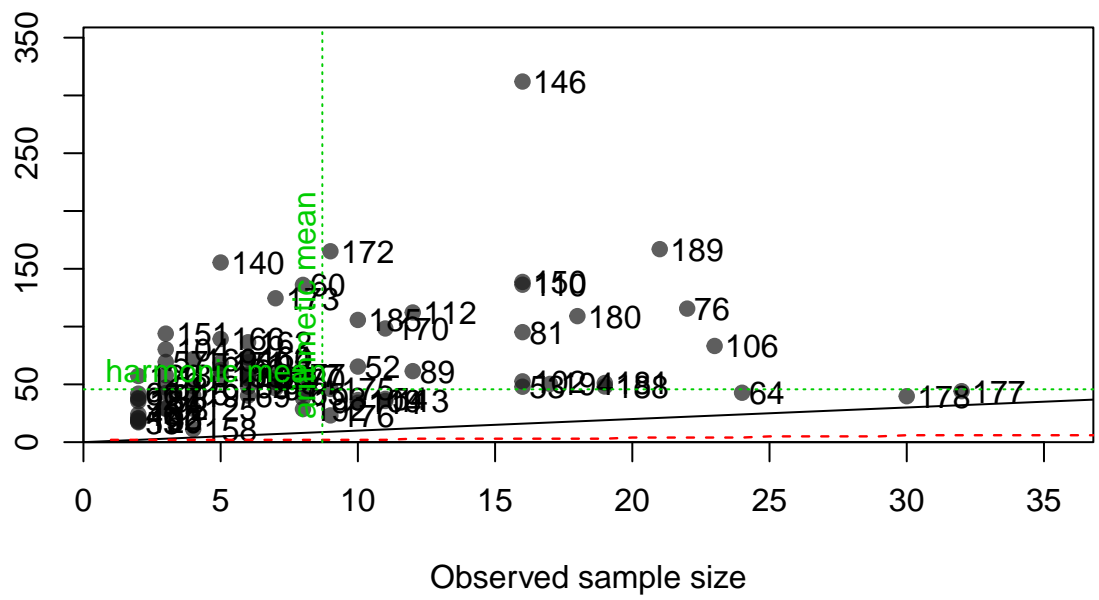
Proportion



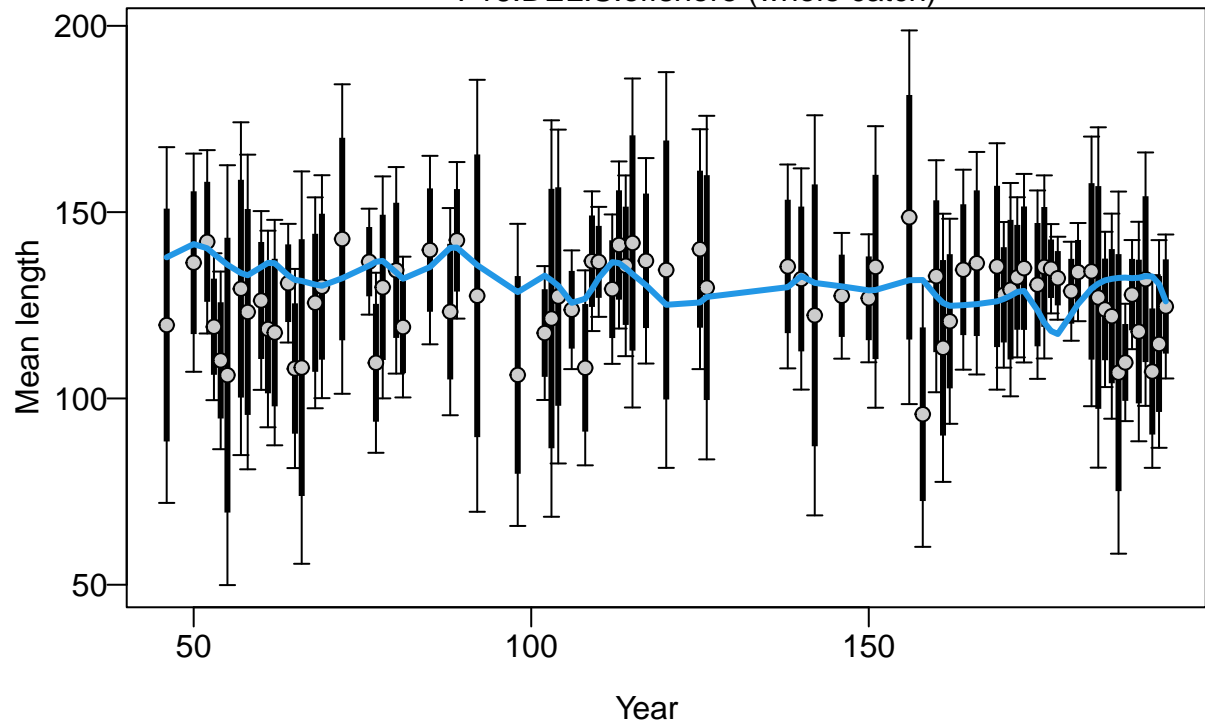
Length (cm)



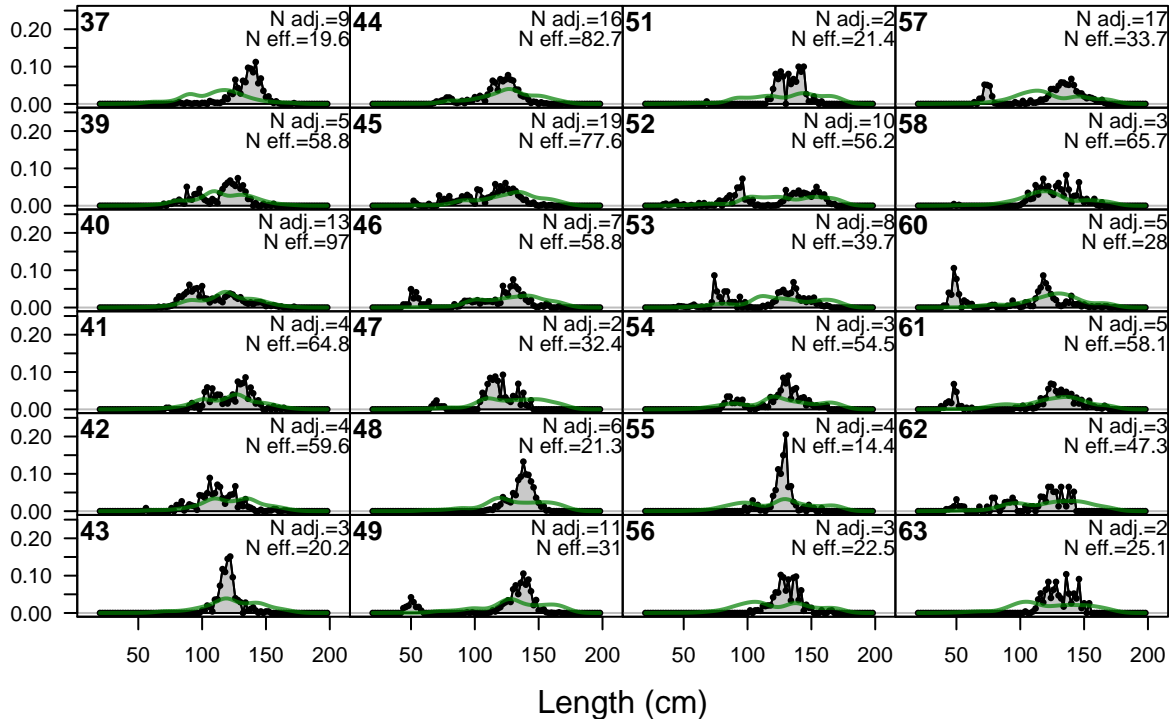
Effective sample size



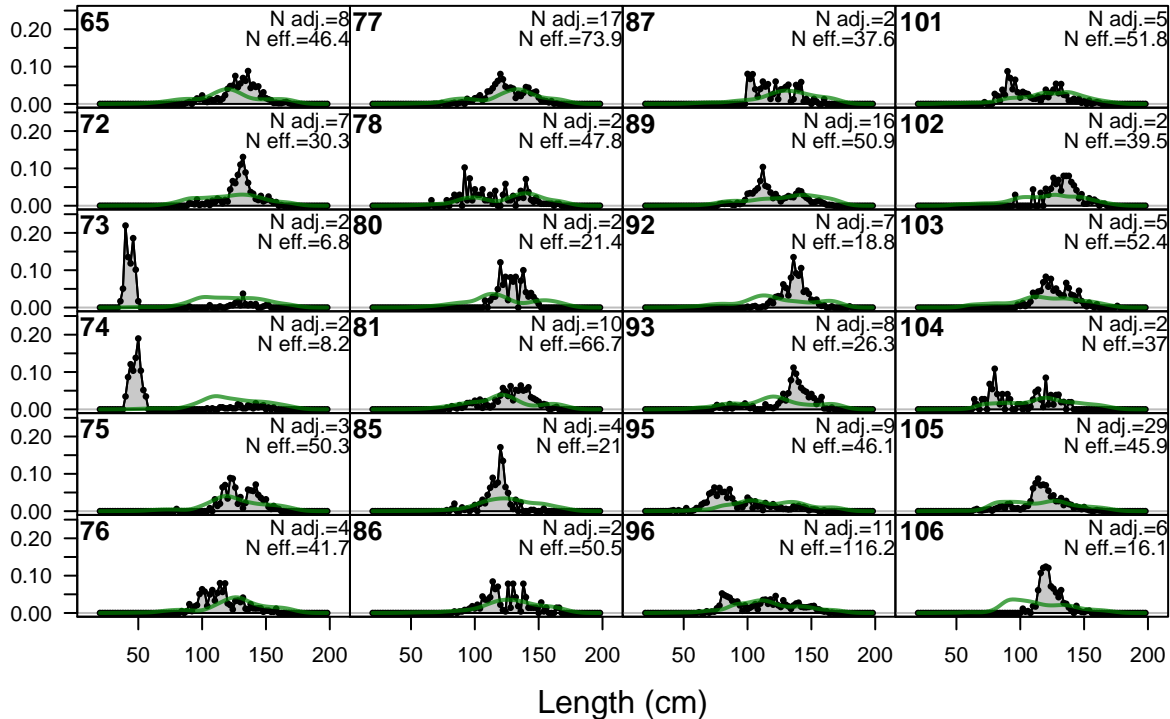
F16.DEL.S.offshore (whole catch)



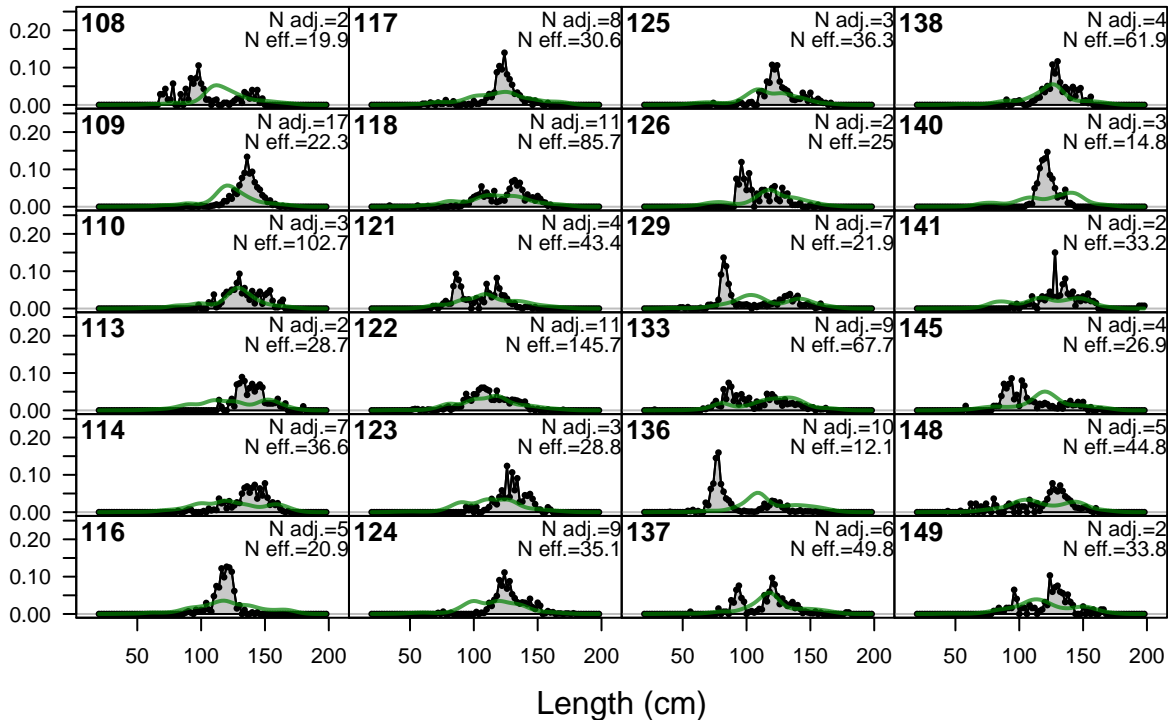
Proportion



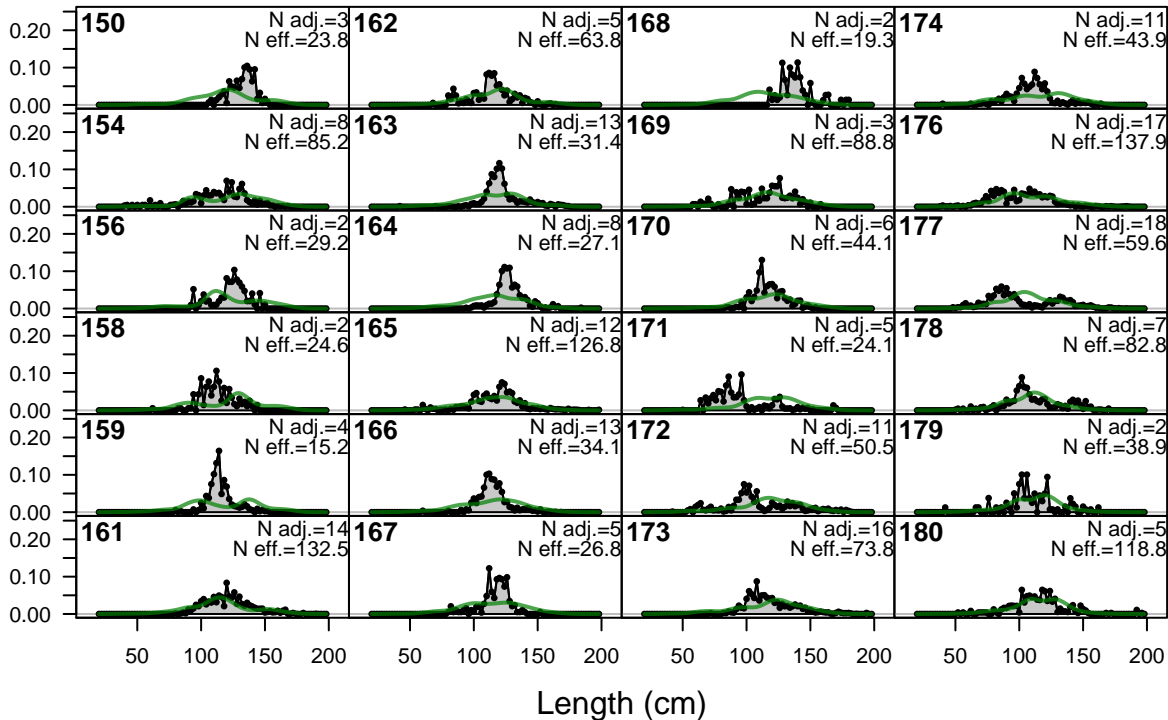
Proportion



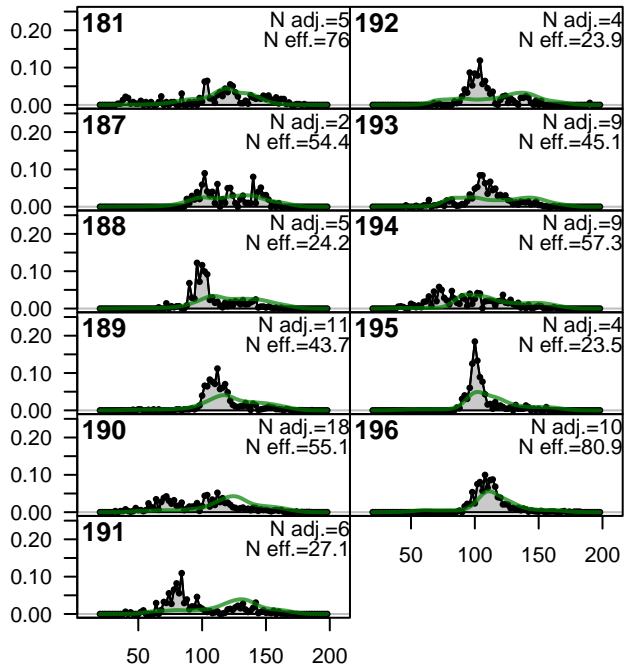
Proportion



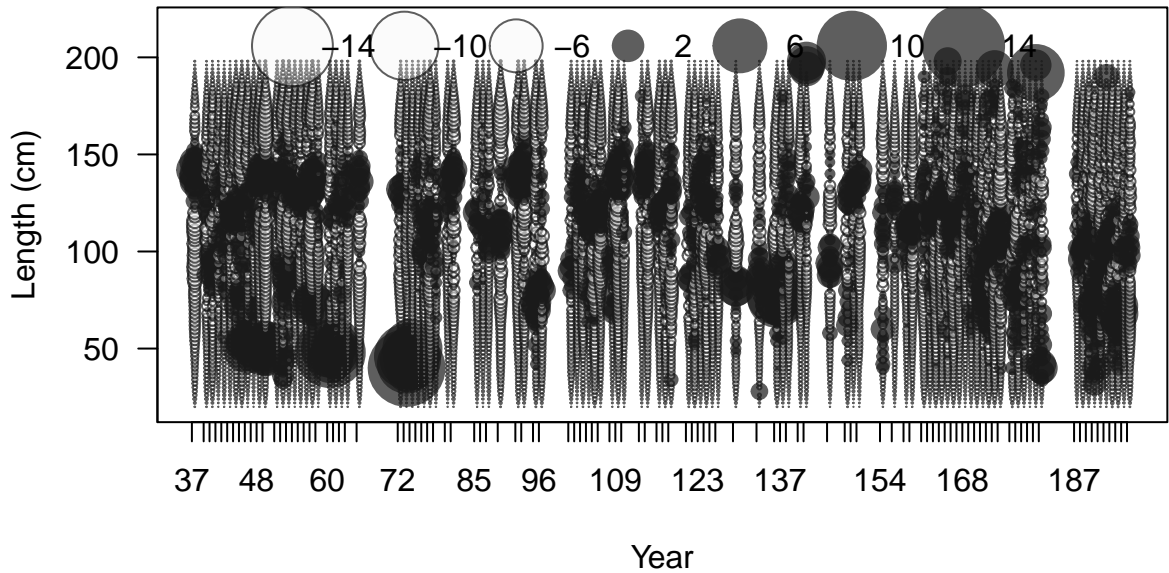
Proportion



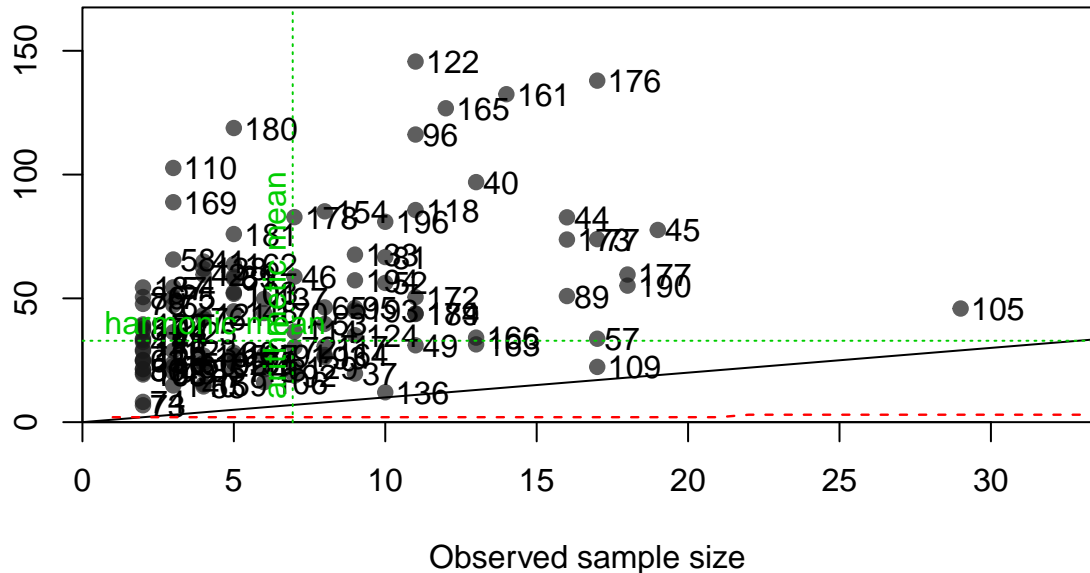
Proportion



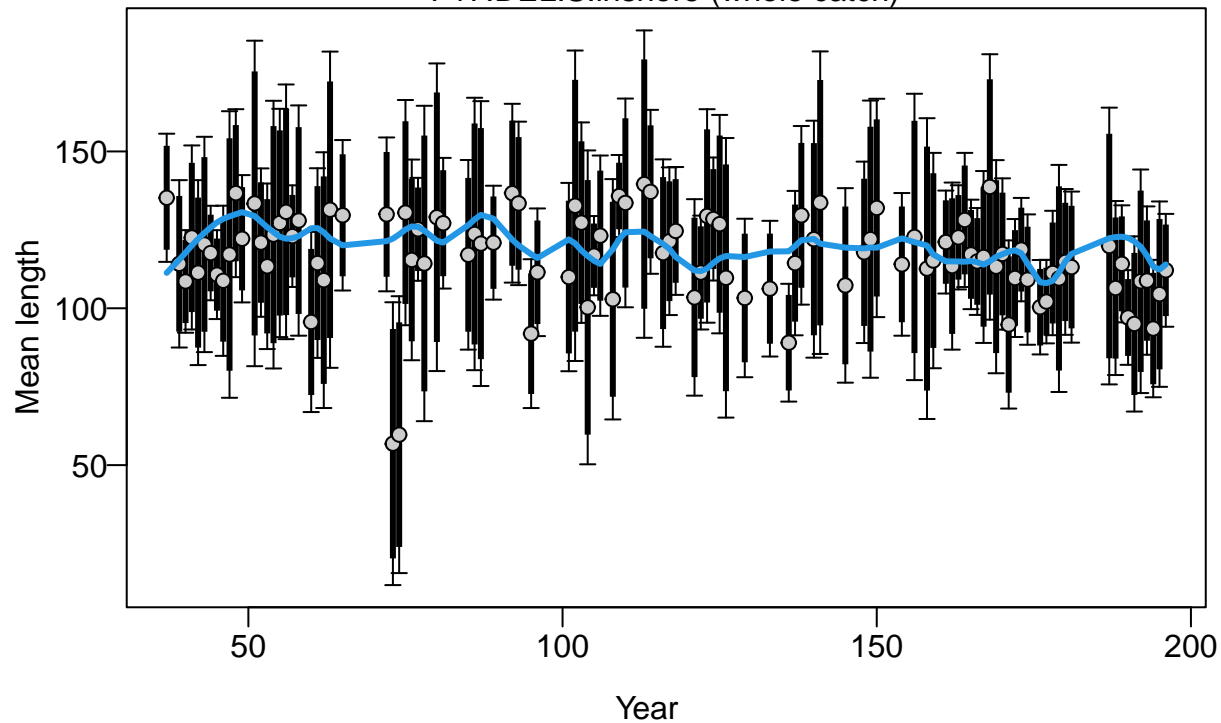
Length (cm)



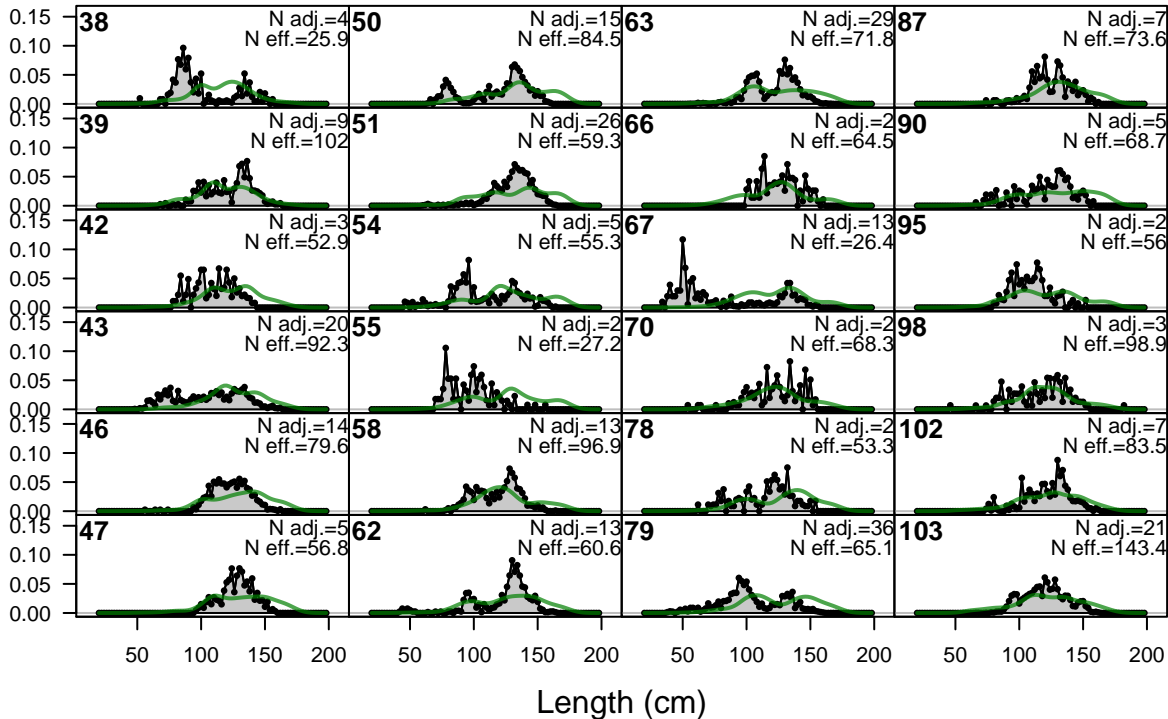
Effective sample size



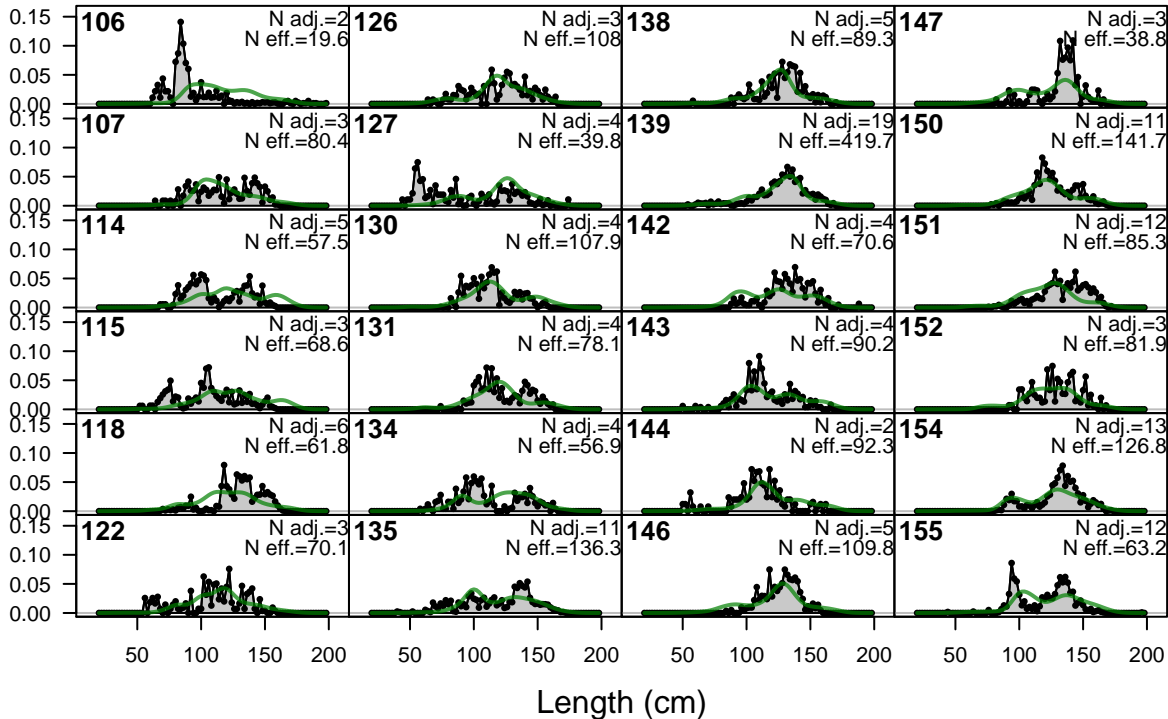
F17.DEL.S.inshore (whole catch)



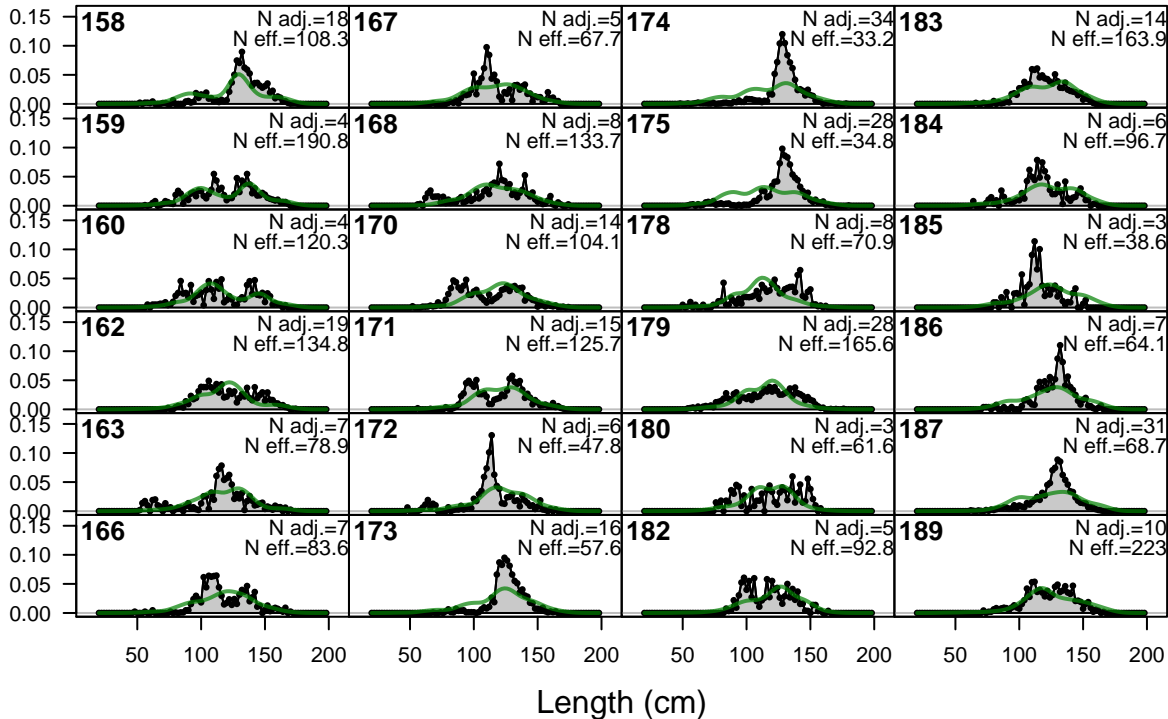
Proportion



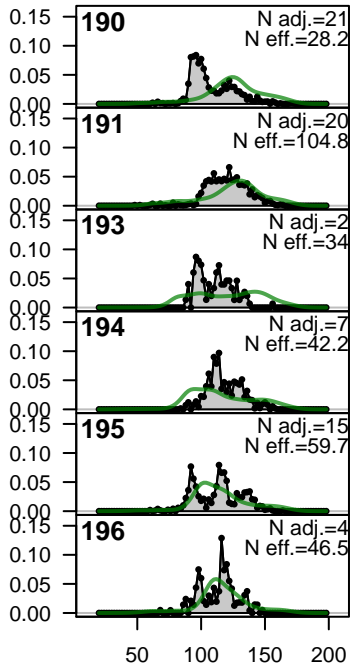
Proportion



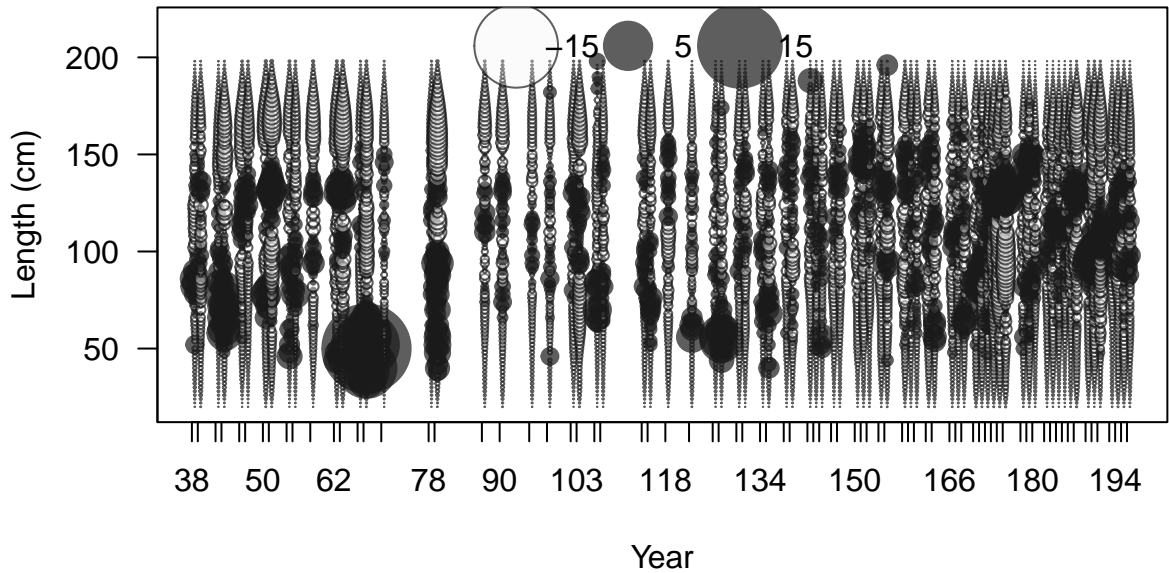
Proportion



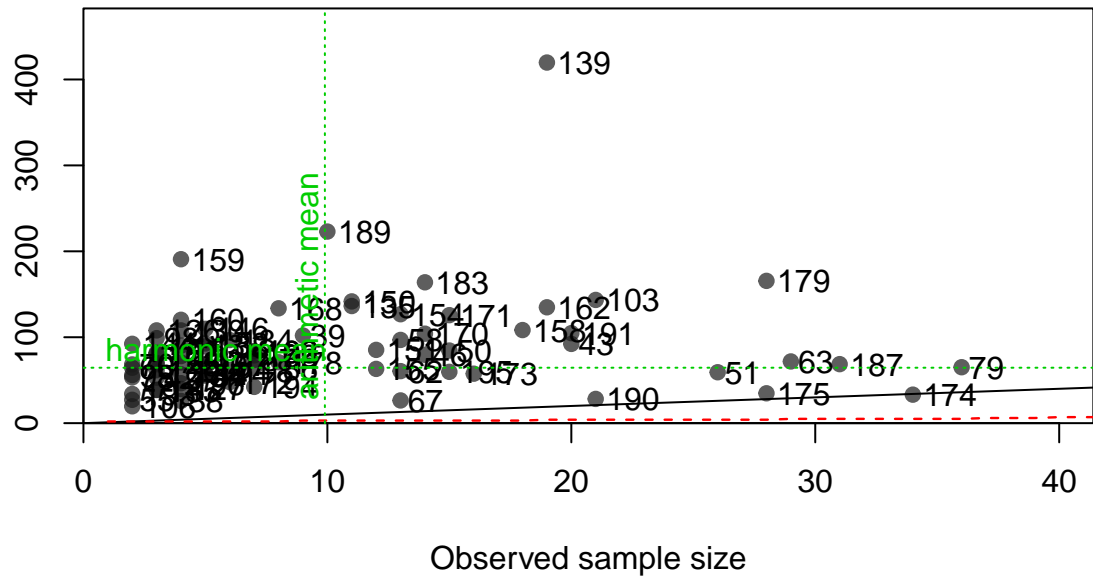
Proportion



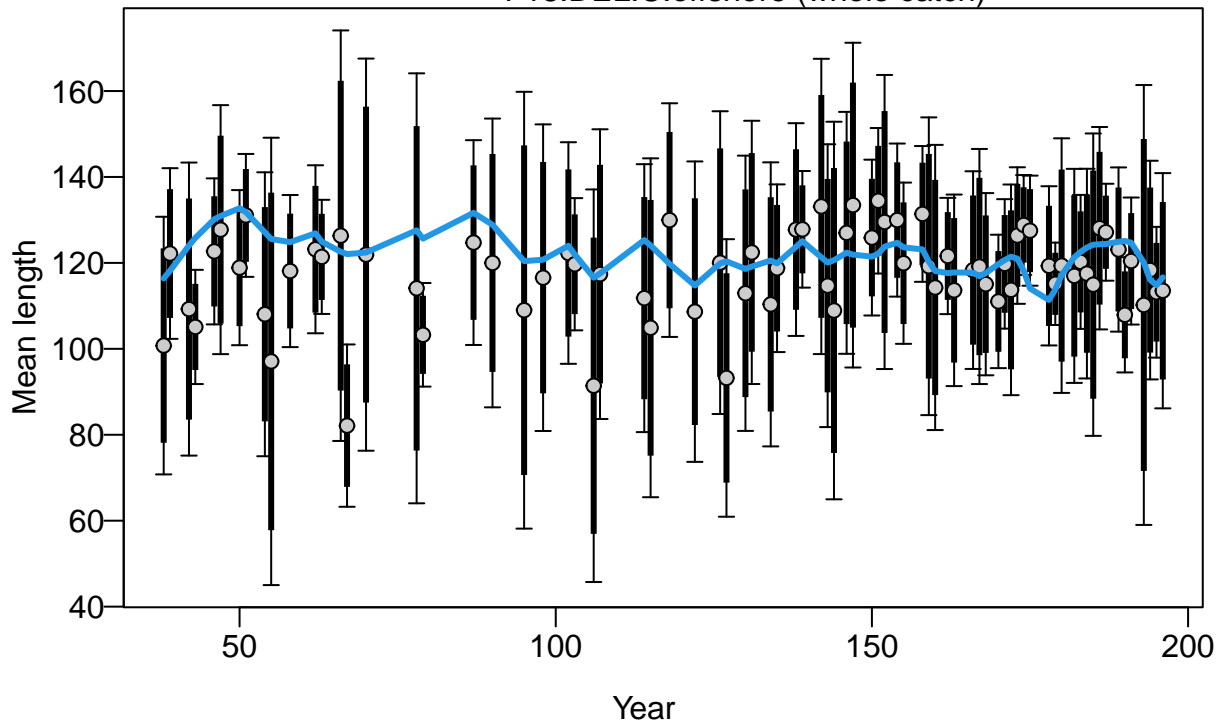
Length (cm)



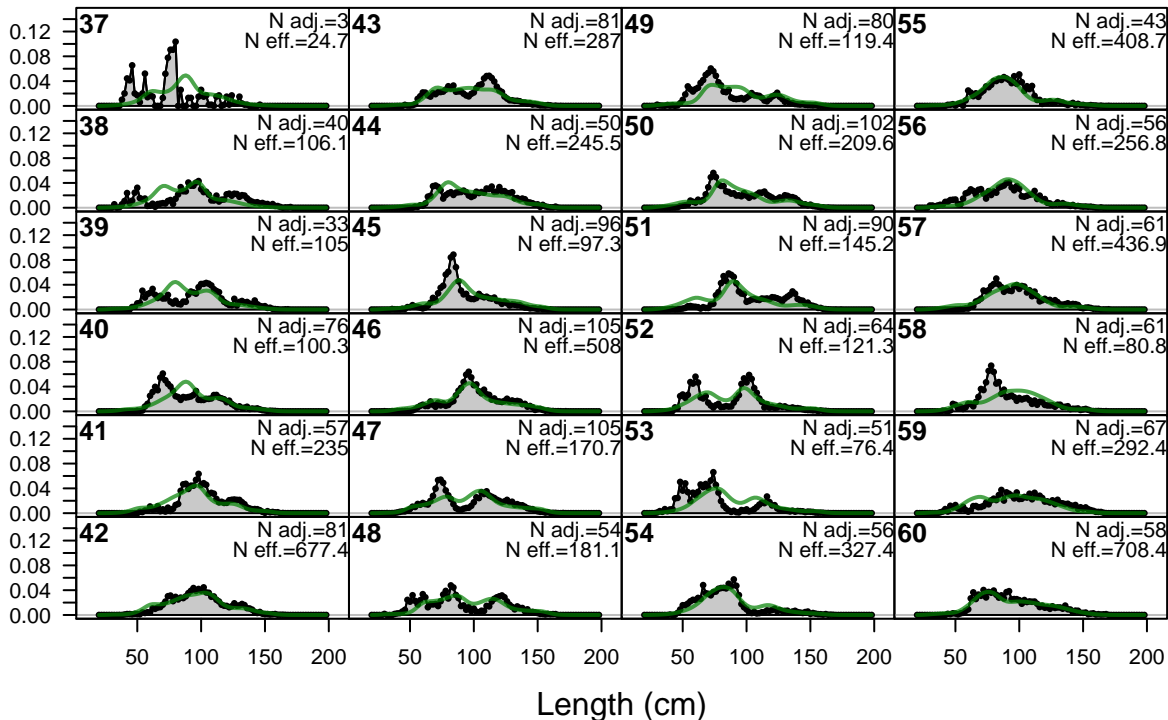
Effective sample size



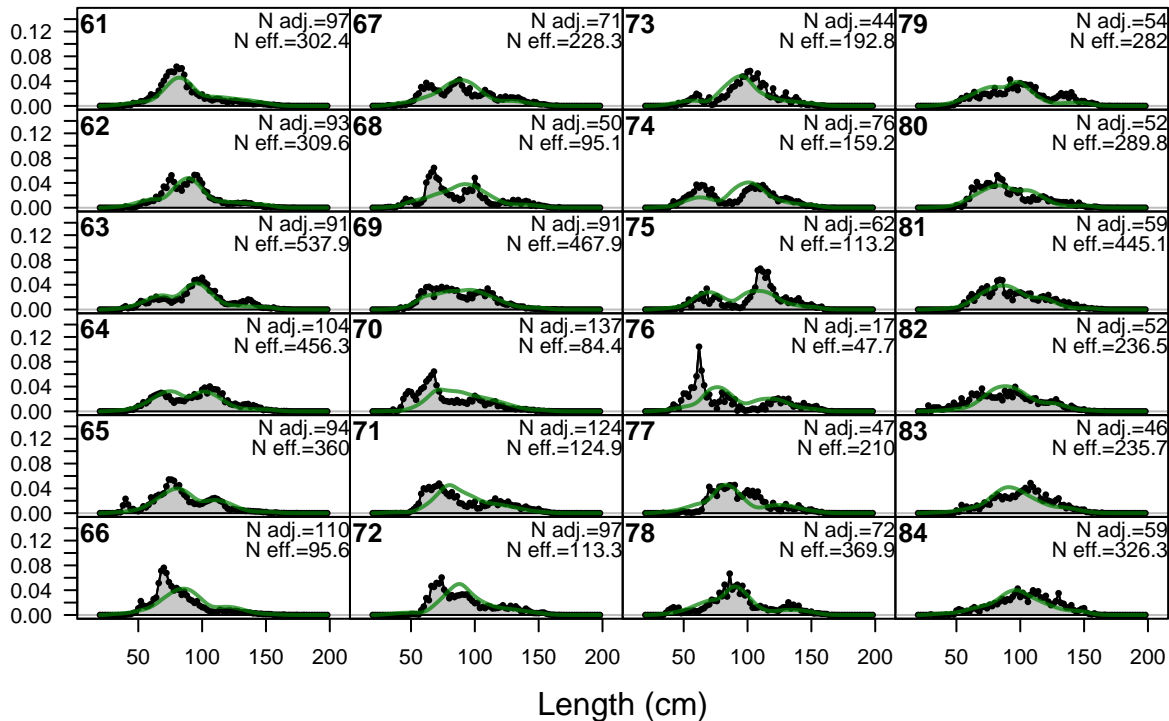
F18.DEL.C.offshore (whole catch)



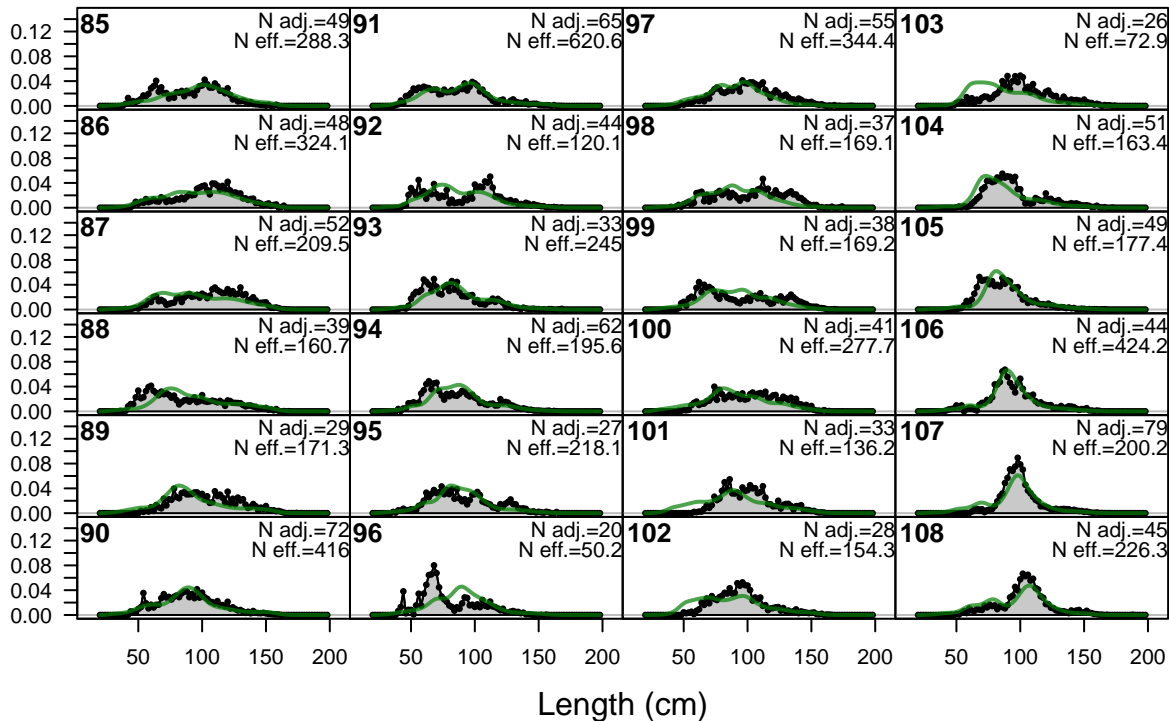
Proportion



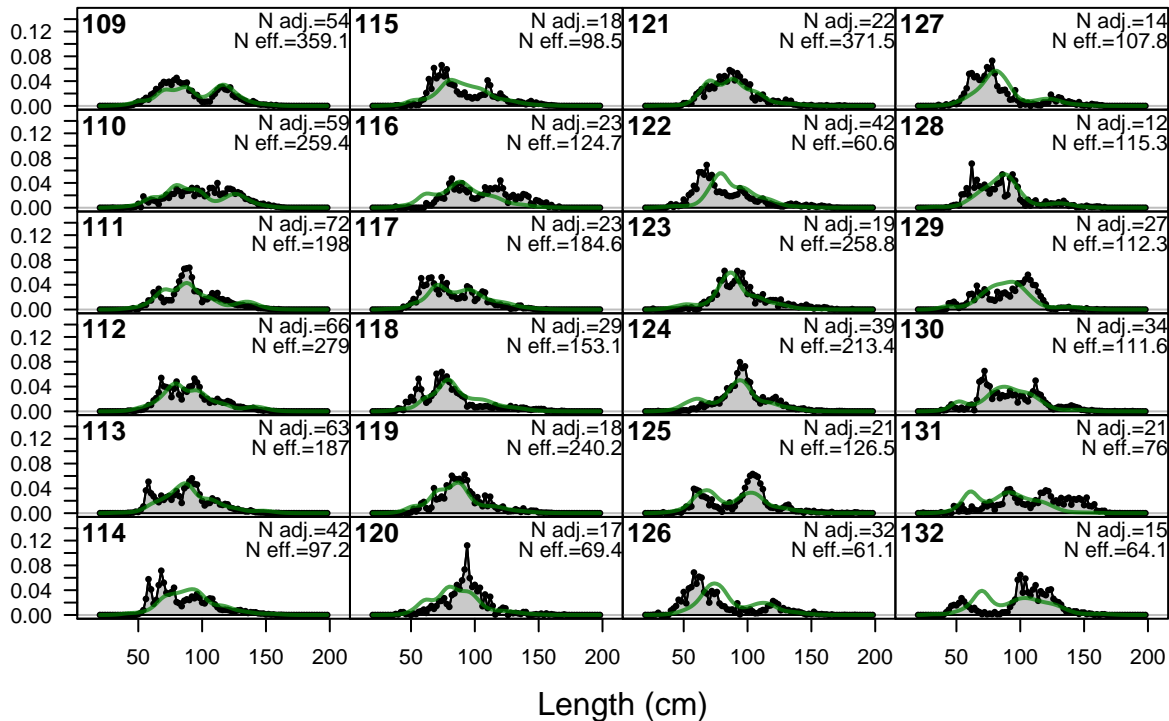
Proportion



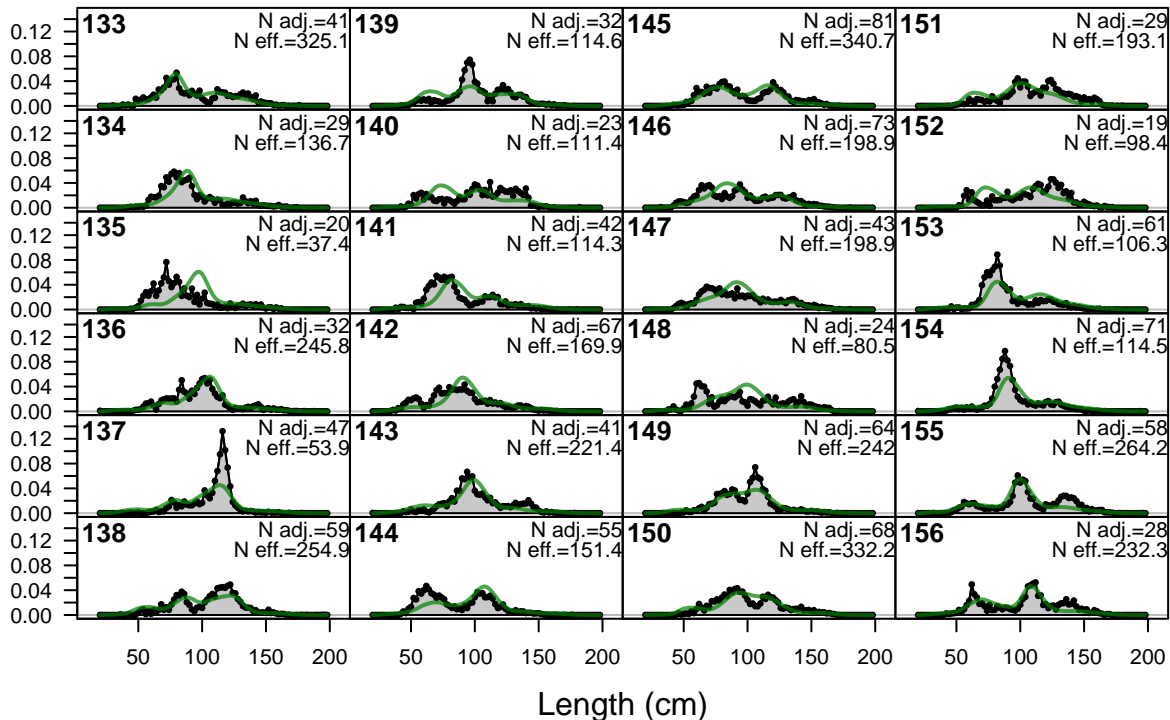
Proportion



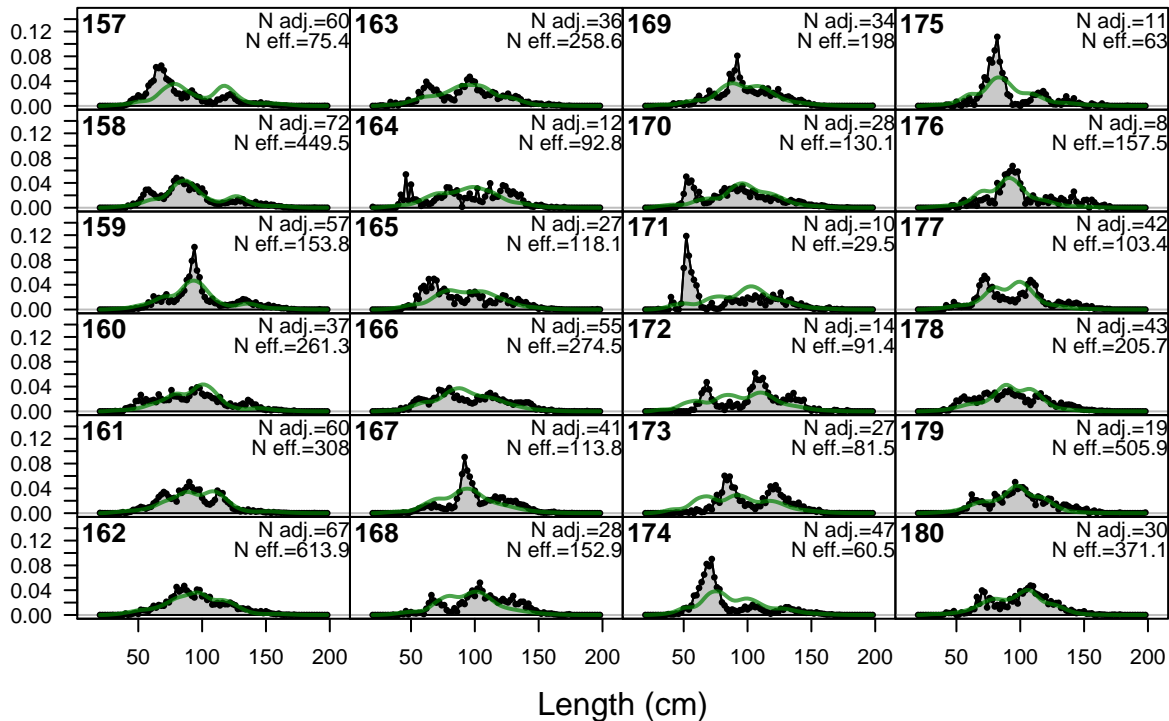
Proportion



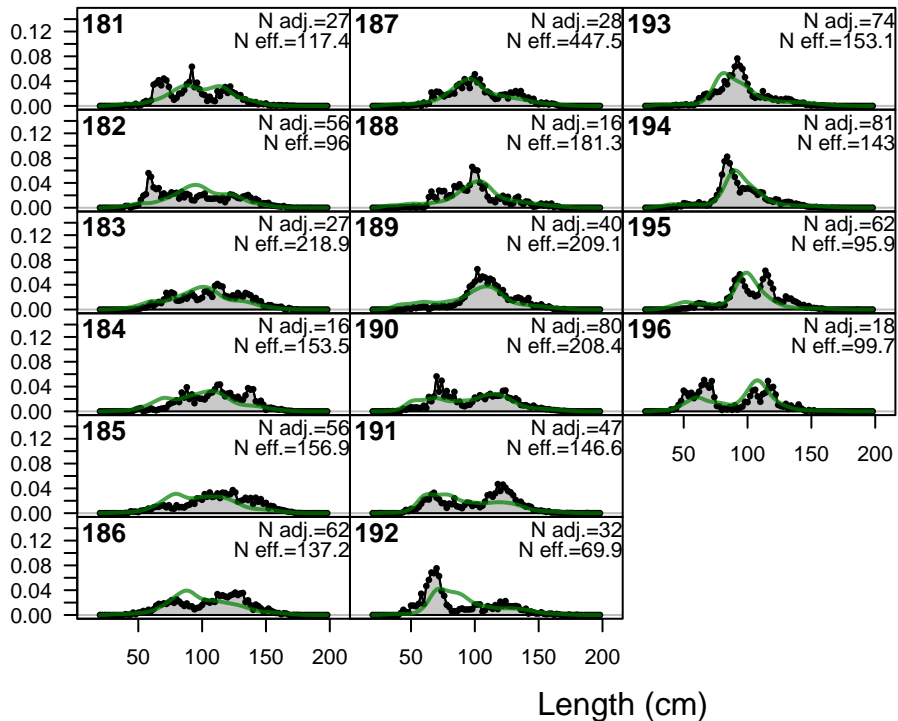
Proportion

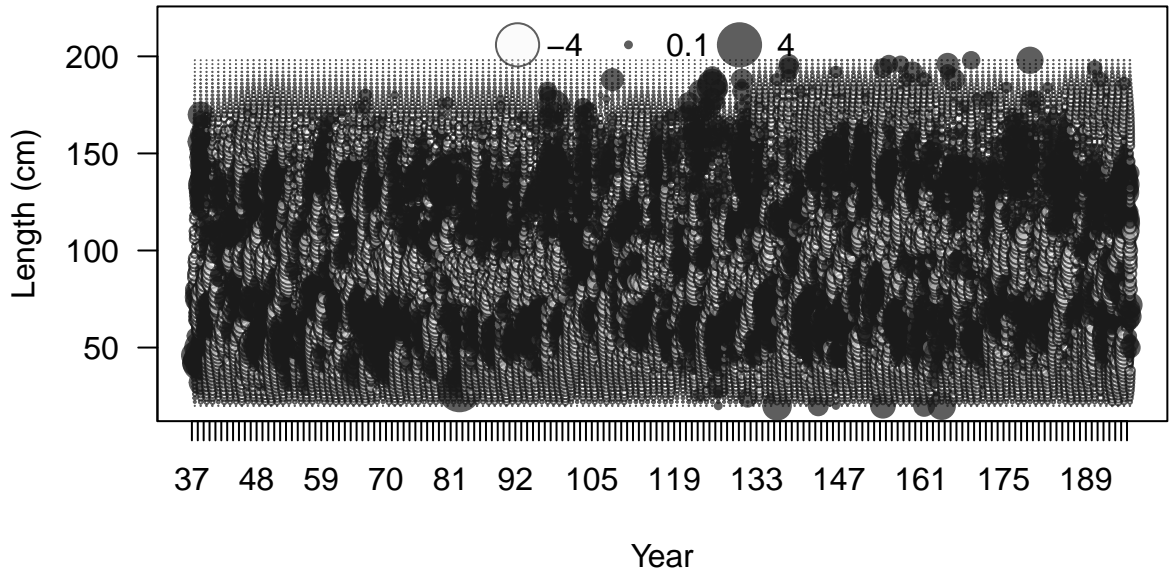


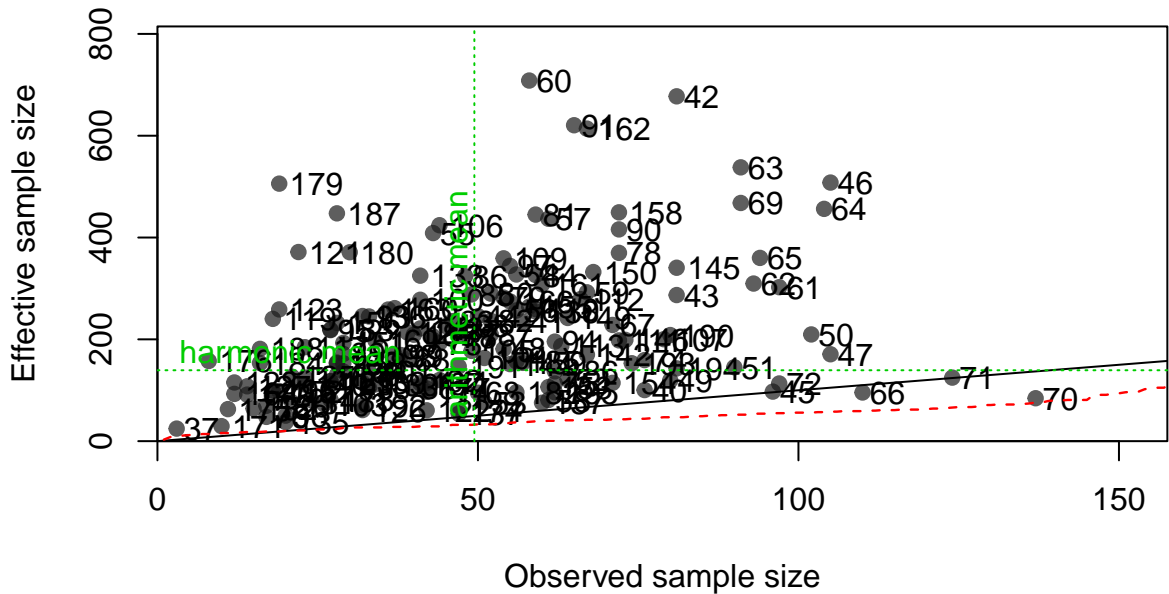
Proportion



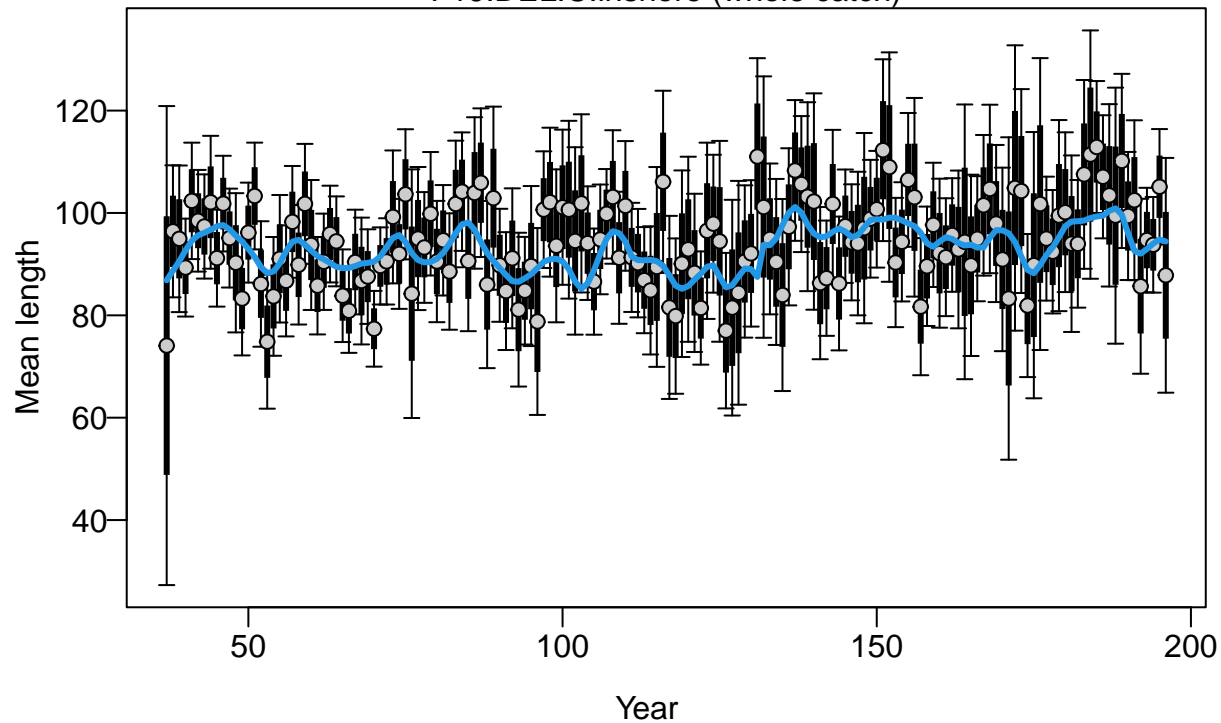
Proportion



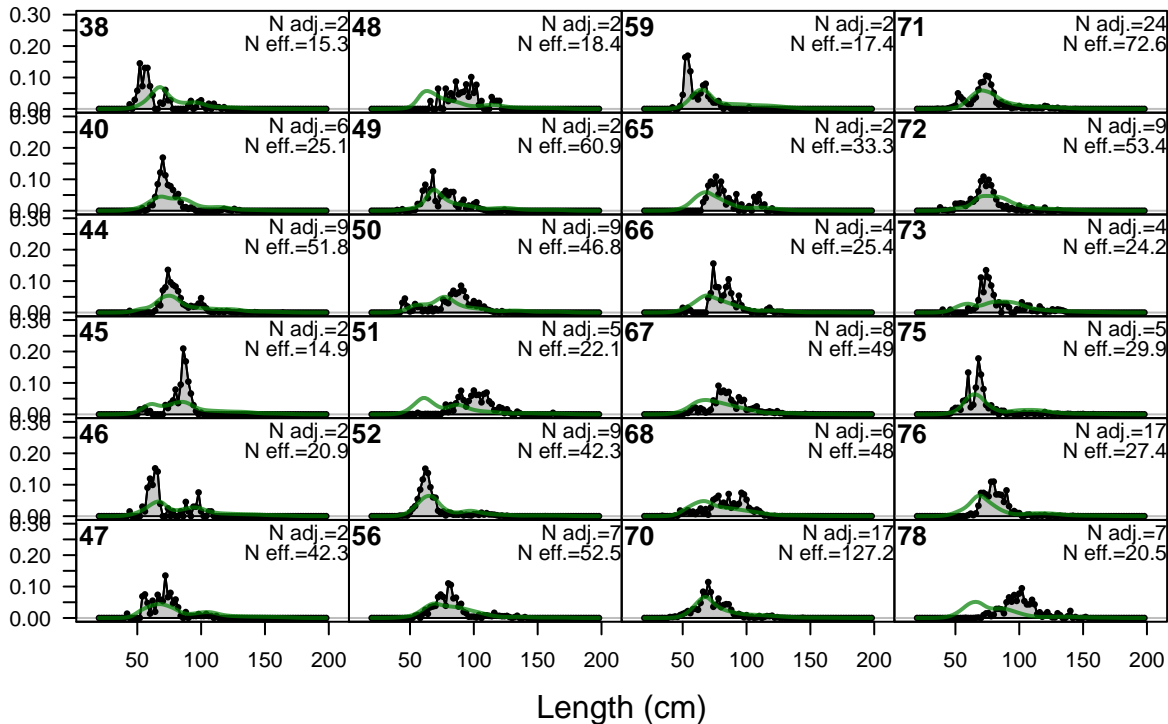




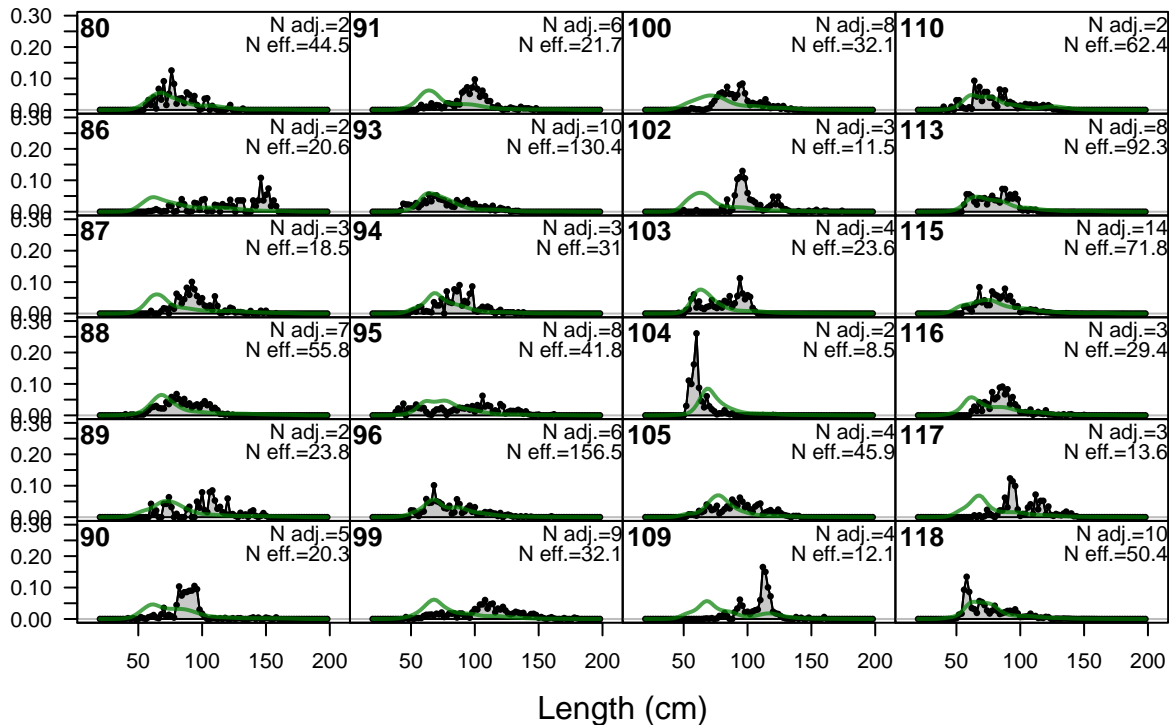
F19.DEL.C.inshore (whole catch)



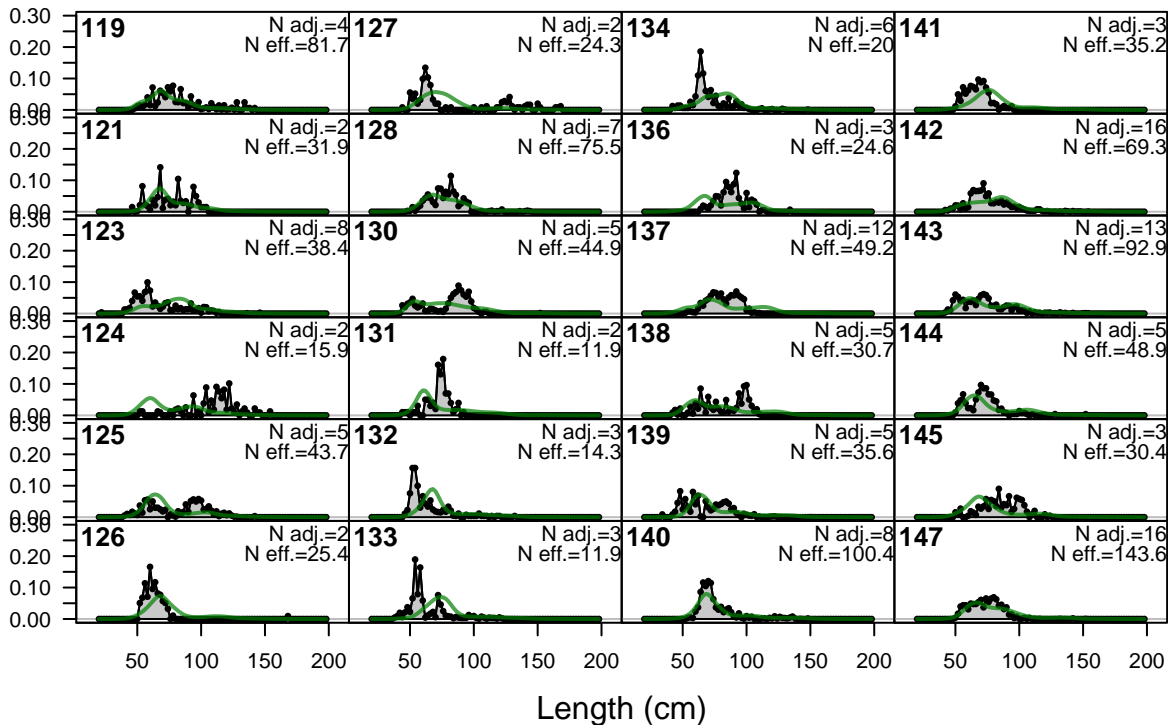
Proportion



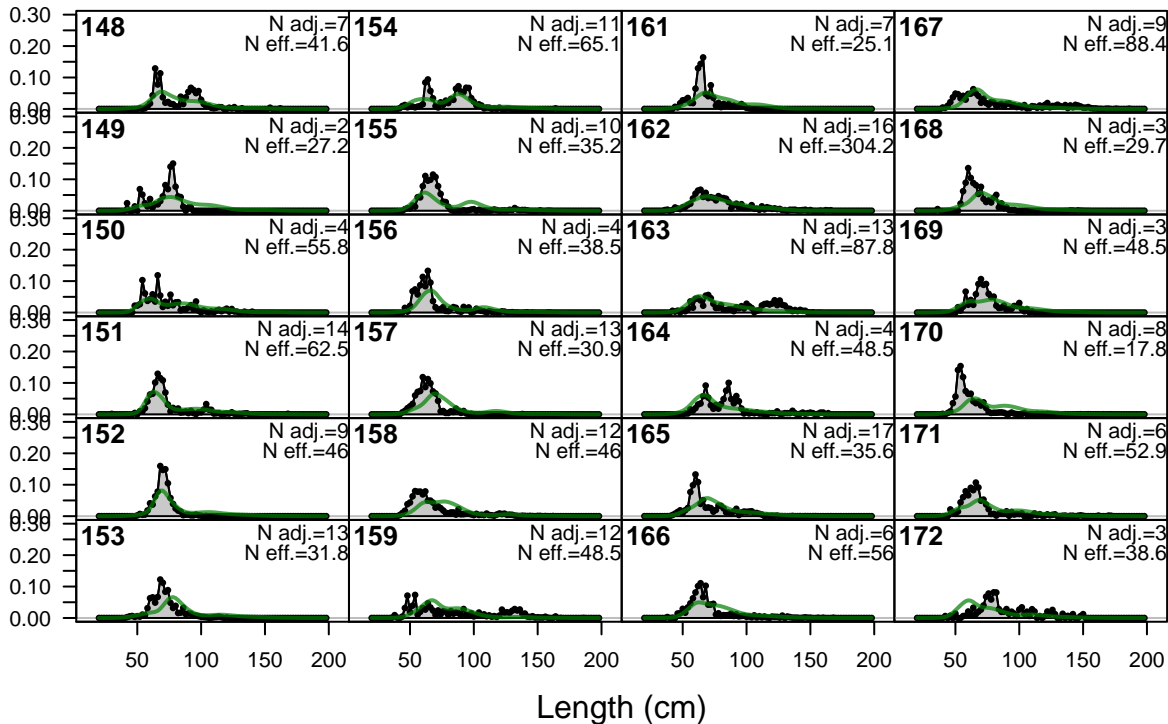
Proportion



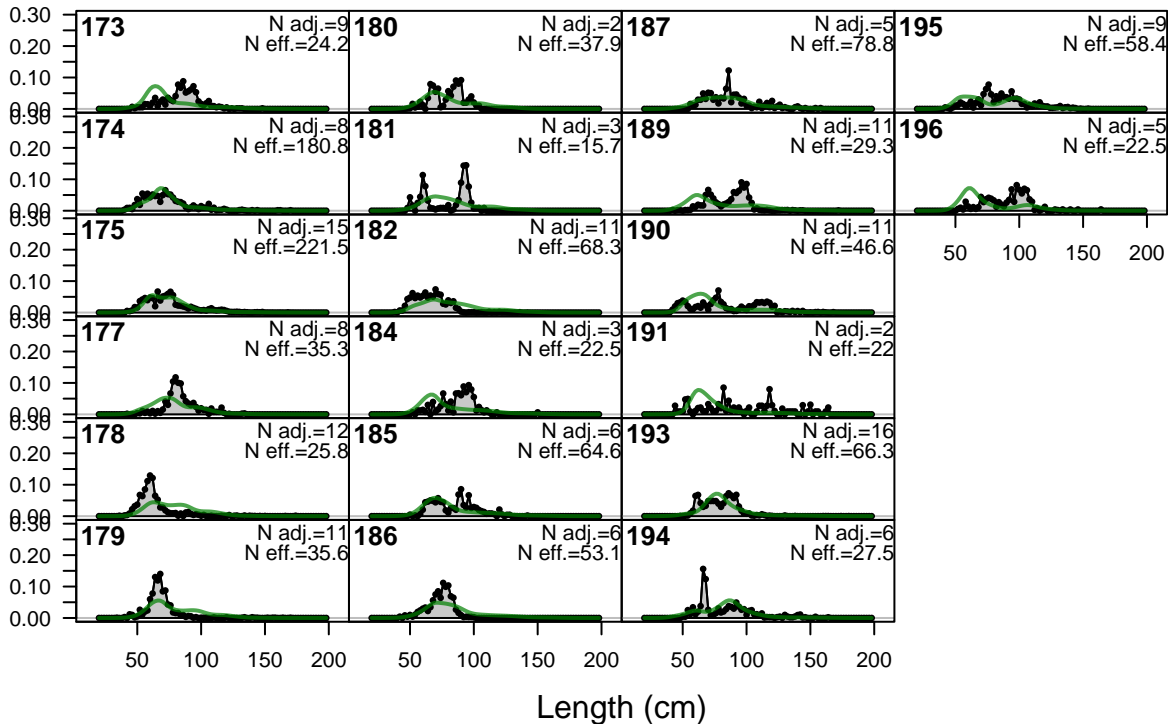
Proportion

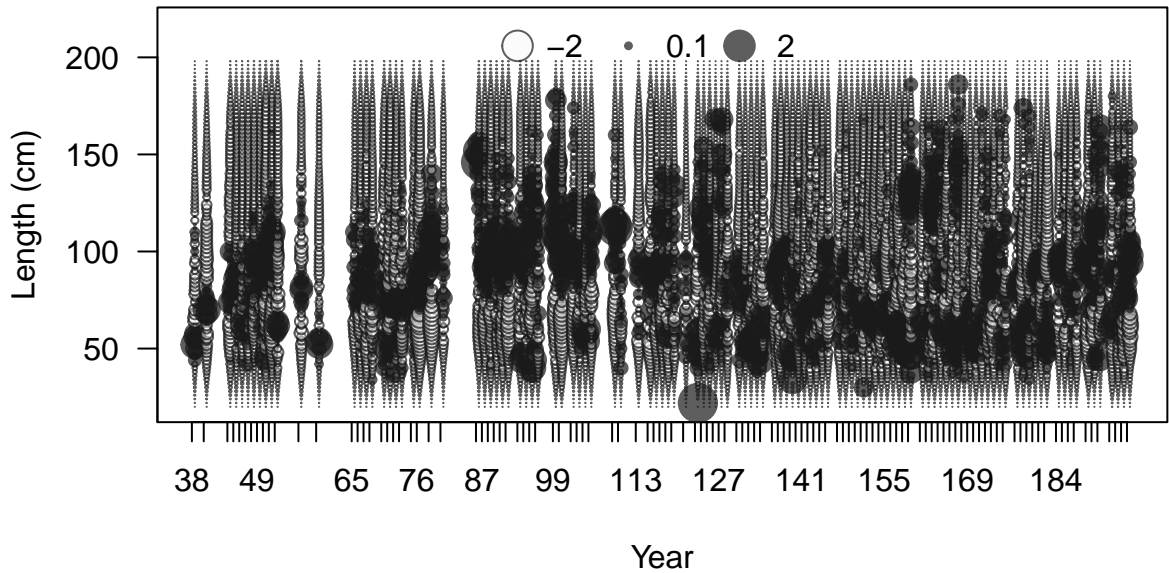


Proportion

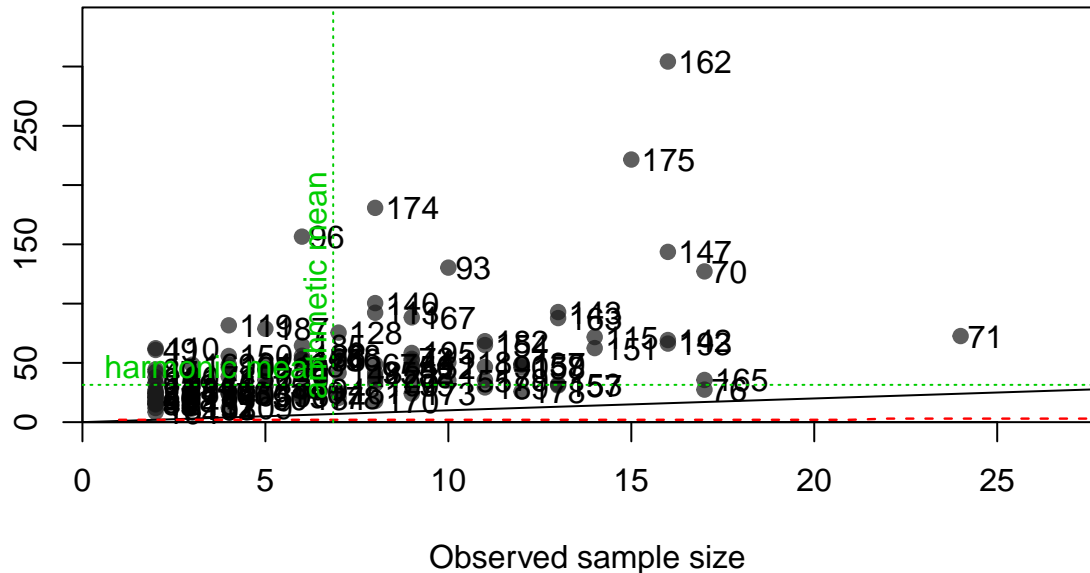


Proportion

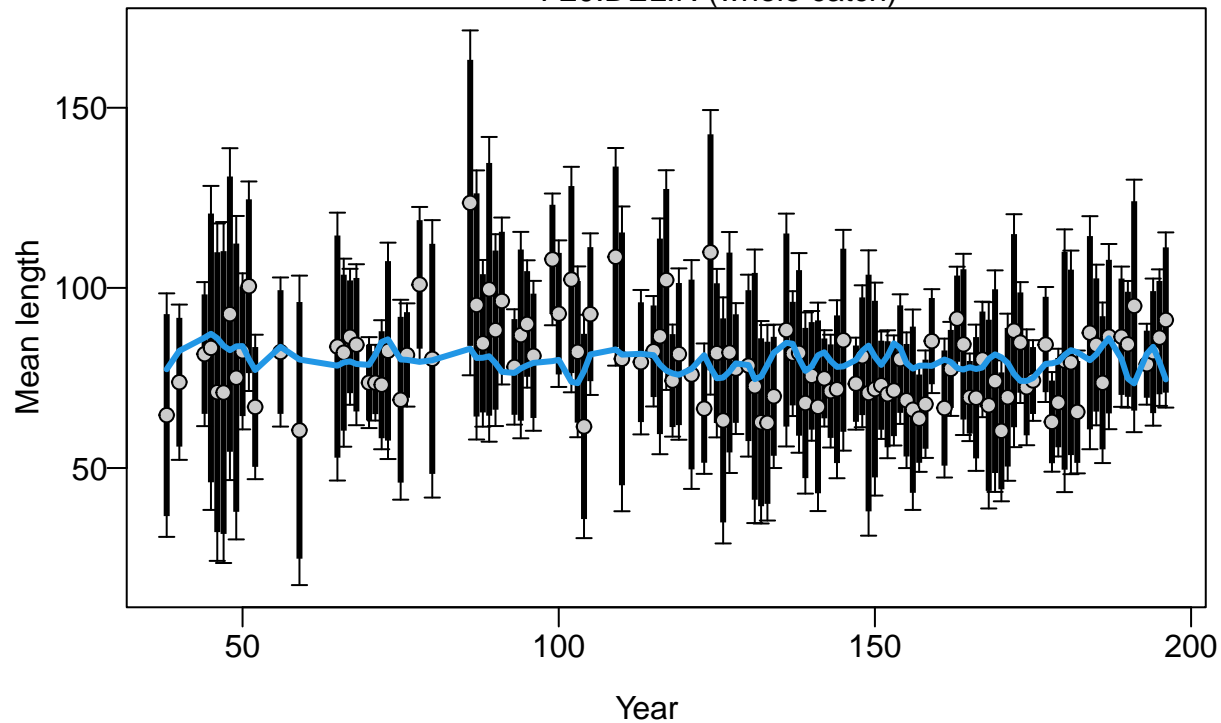




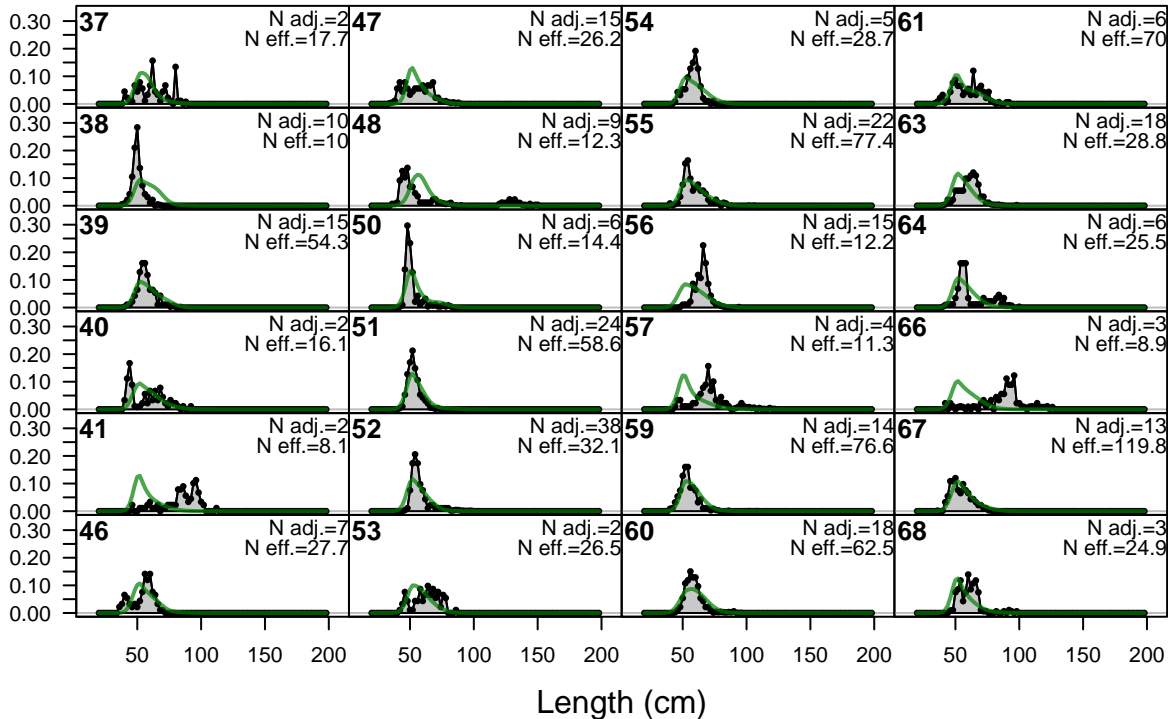
Effective sample size



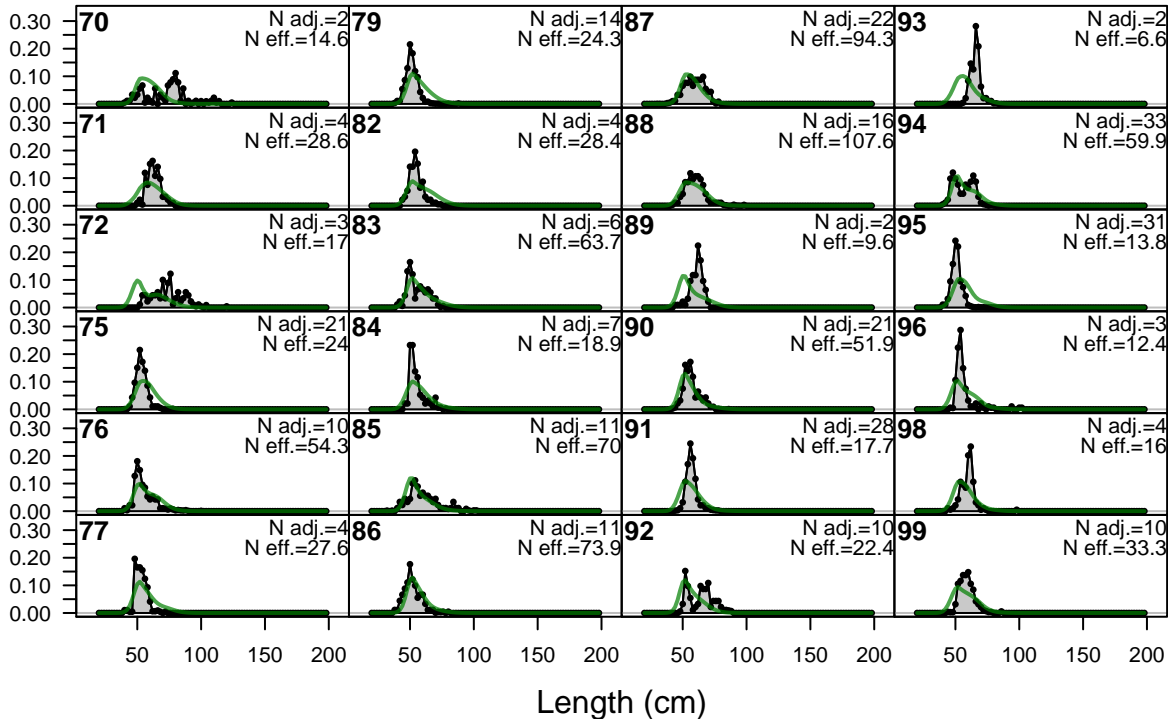
F20.DEL.N (whole catch)

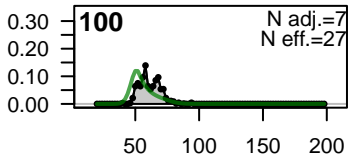


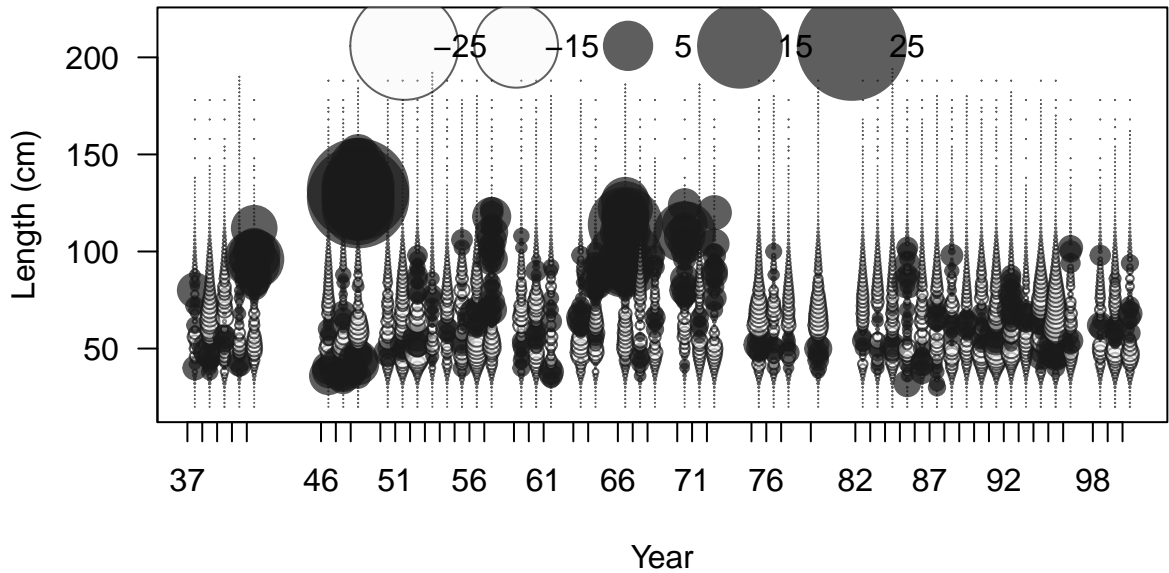
Proportion



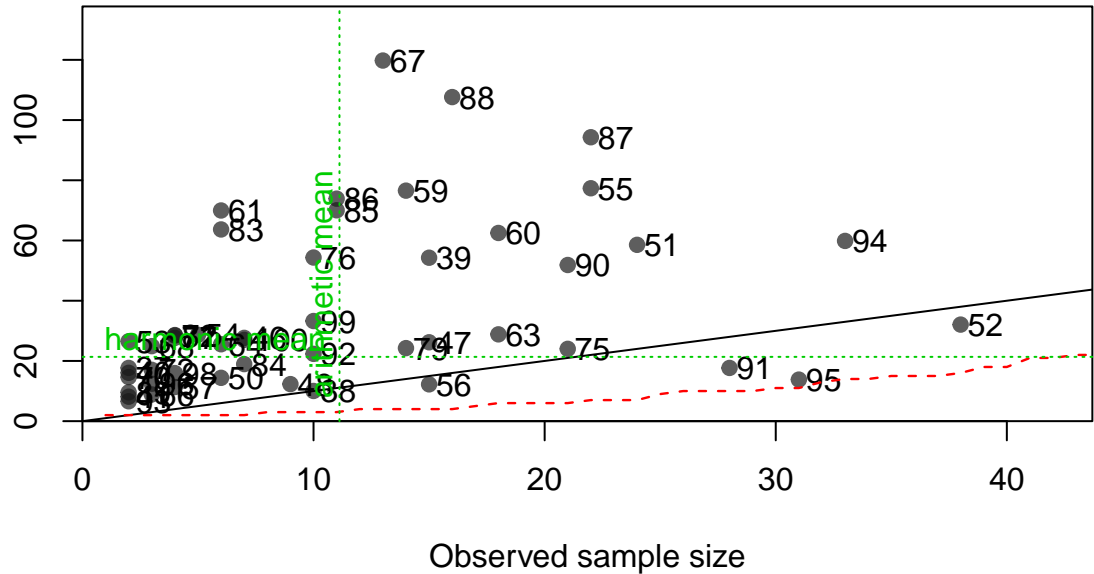
Proportion



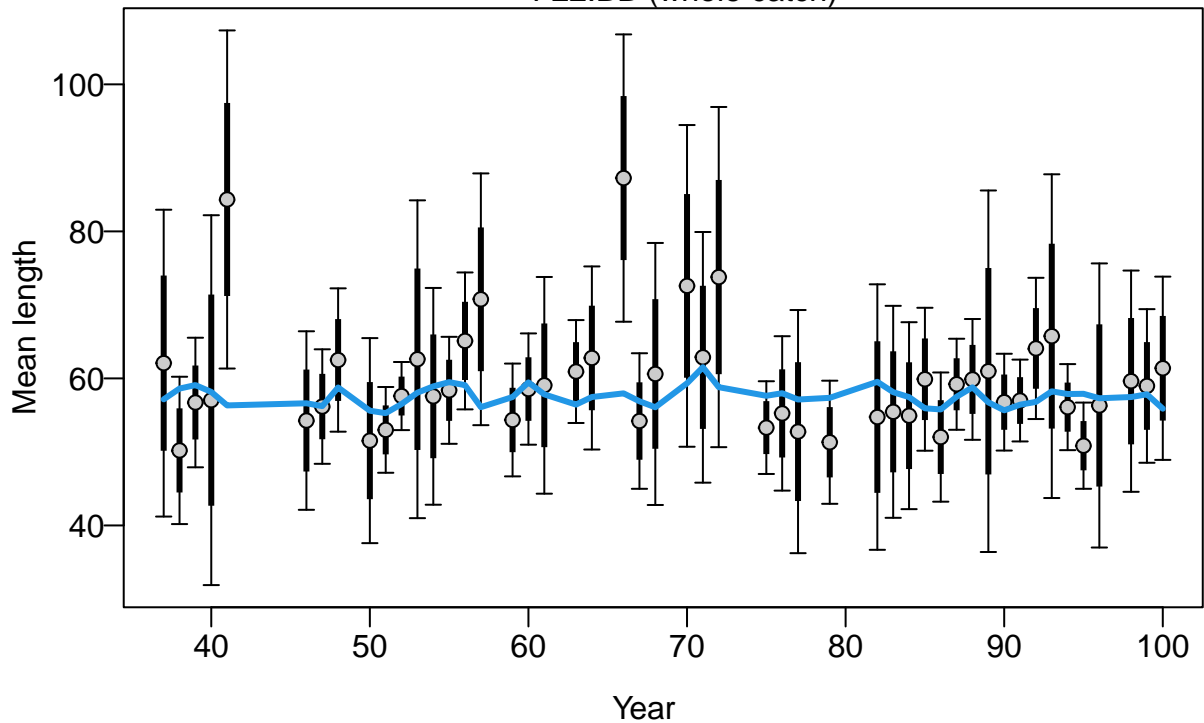


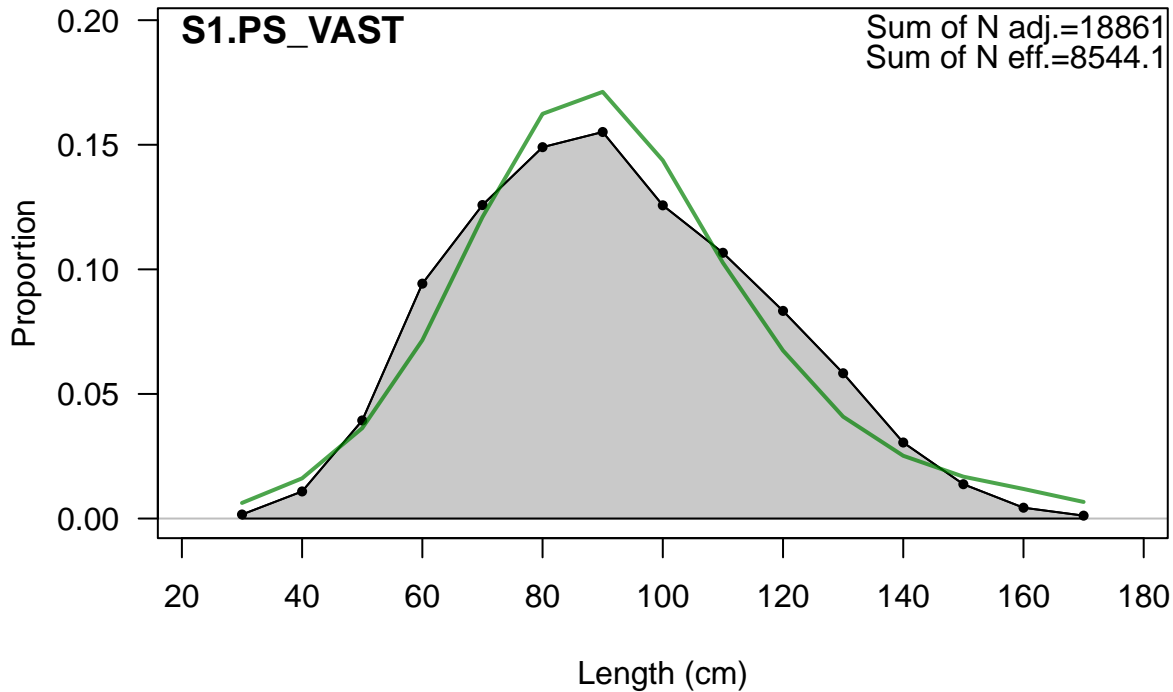


Effective sample size

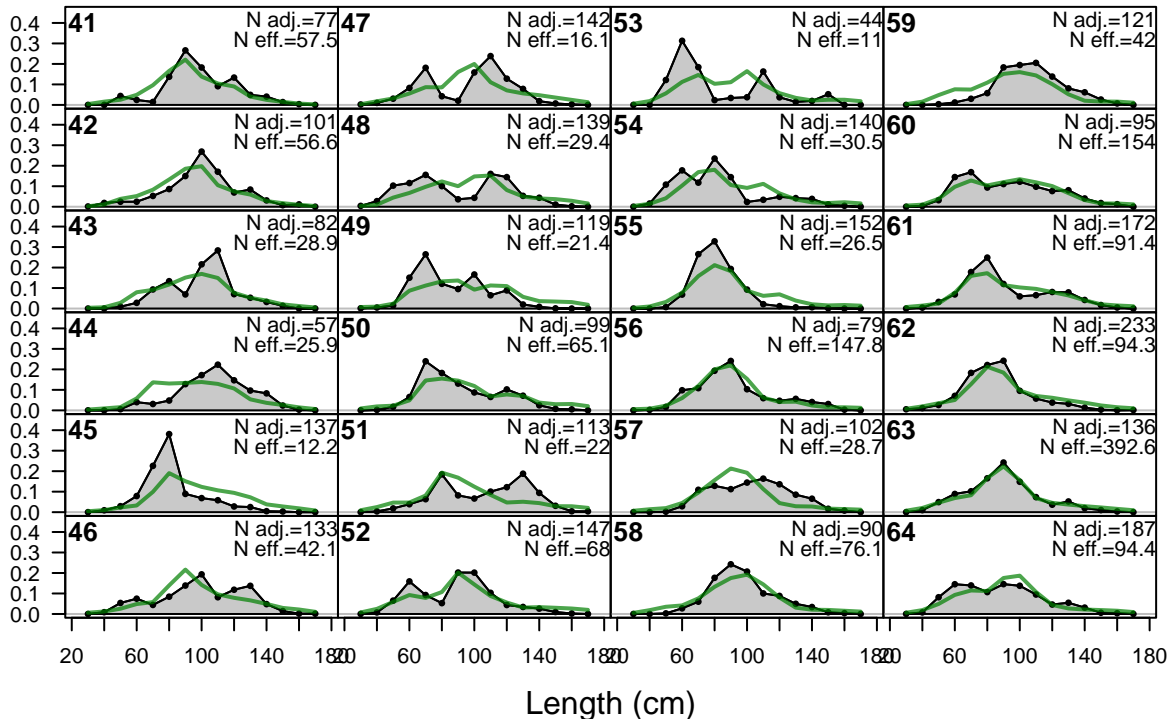


F22.BB (whole catch)

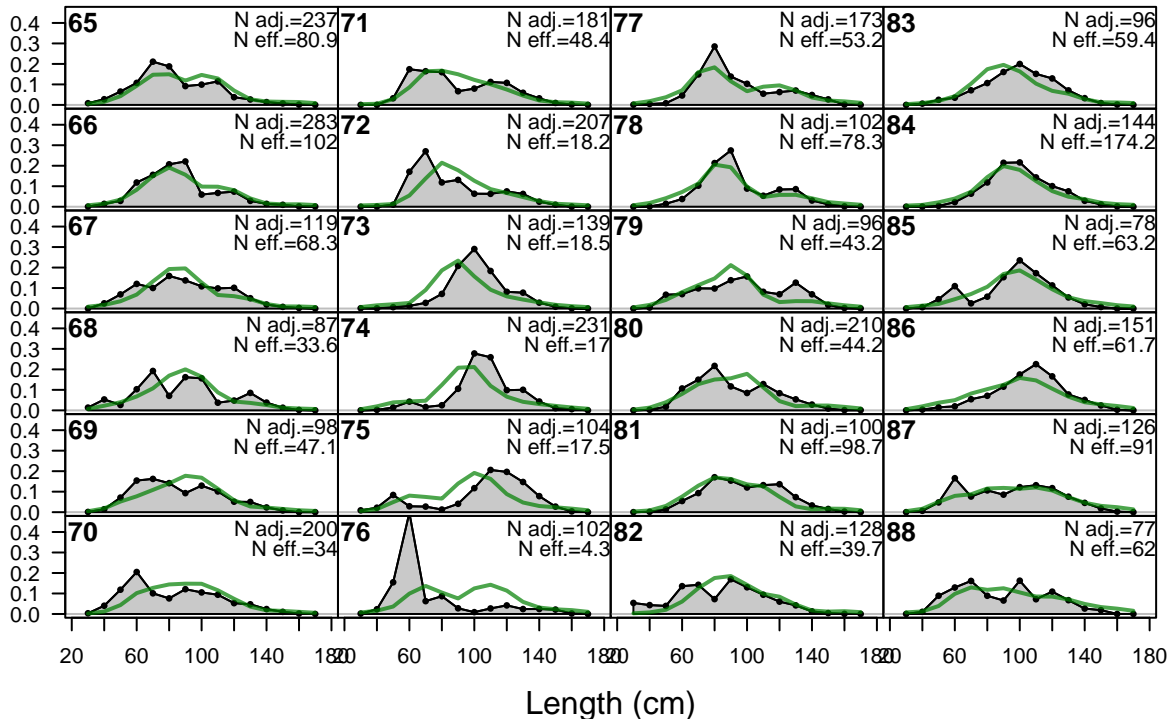




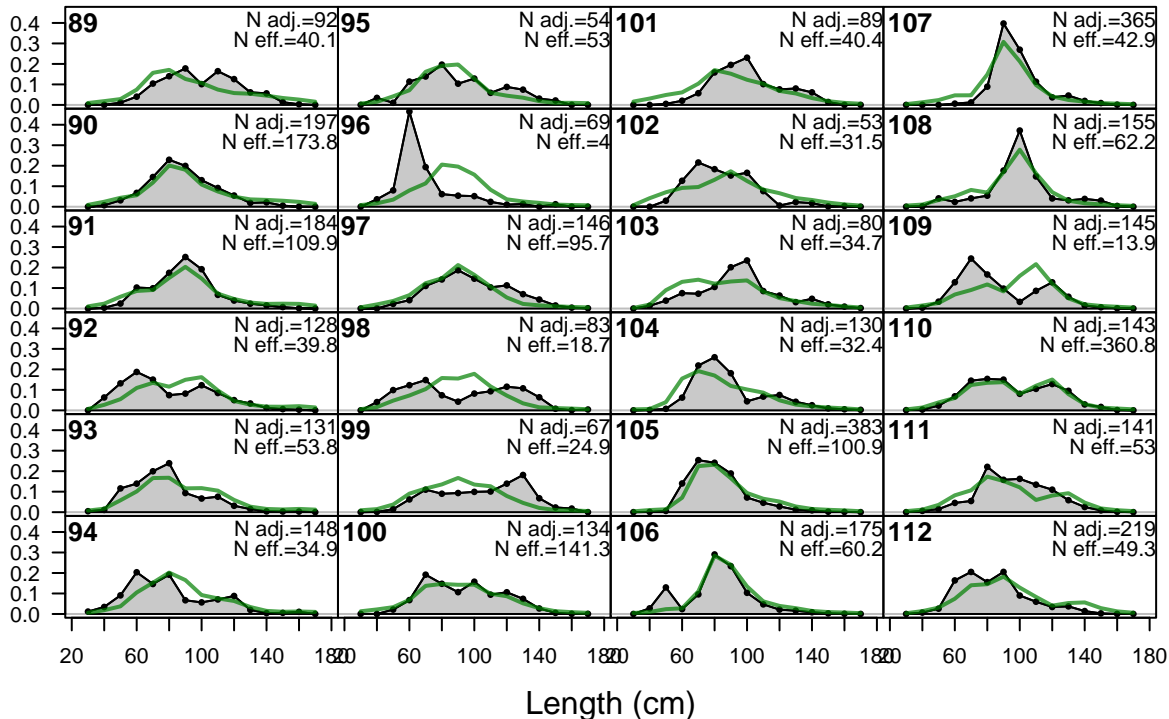
Proportion



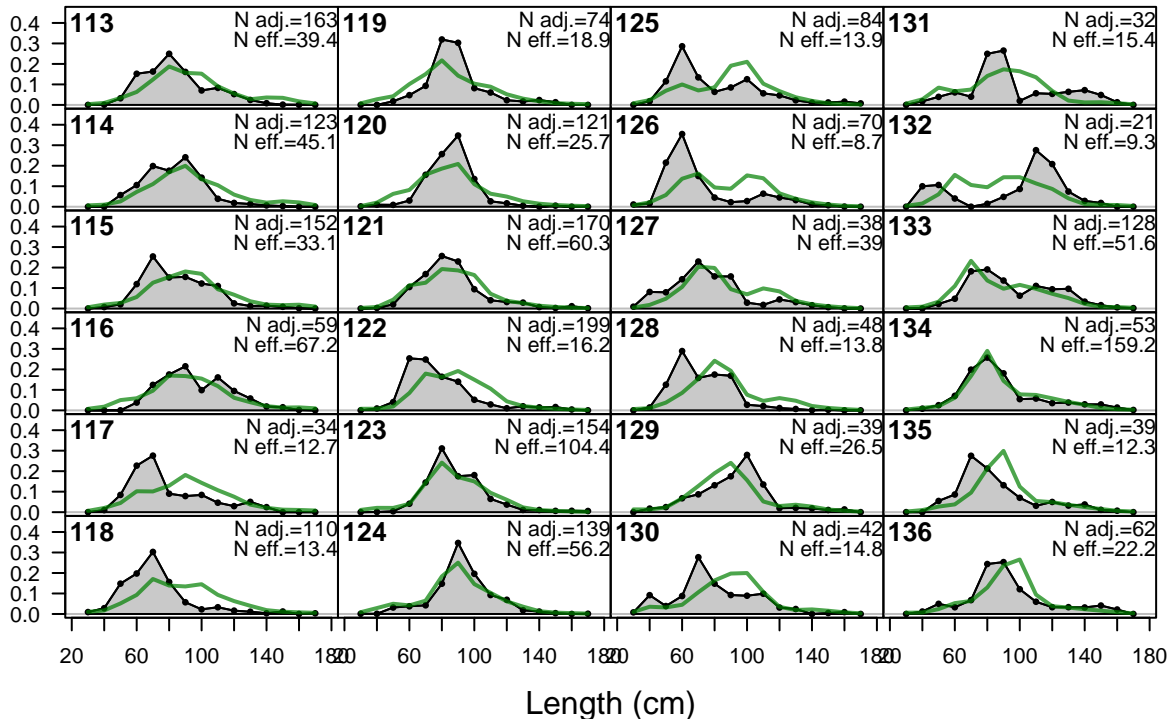
Proportion



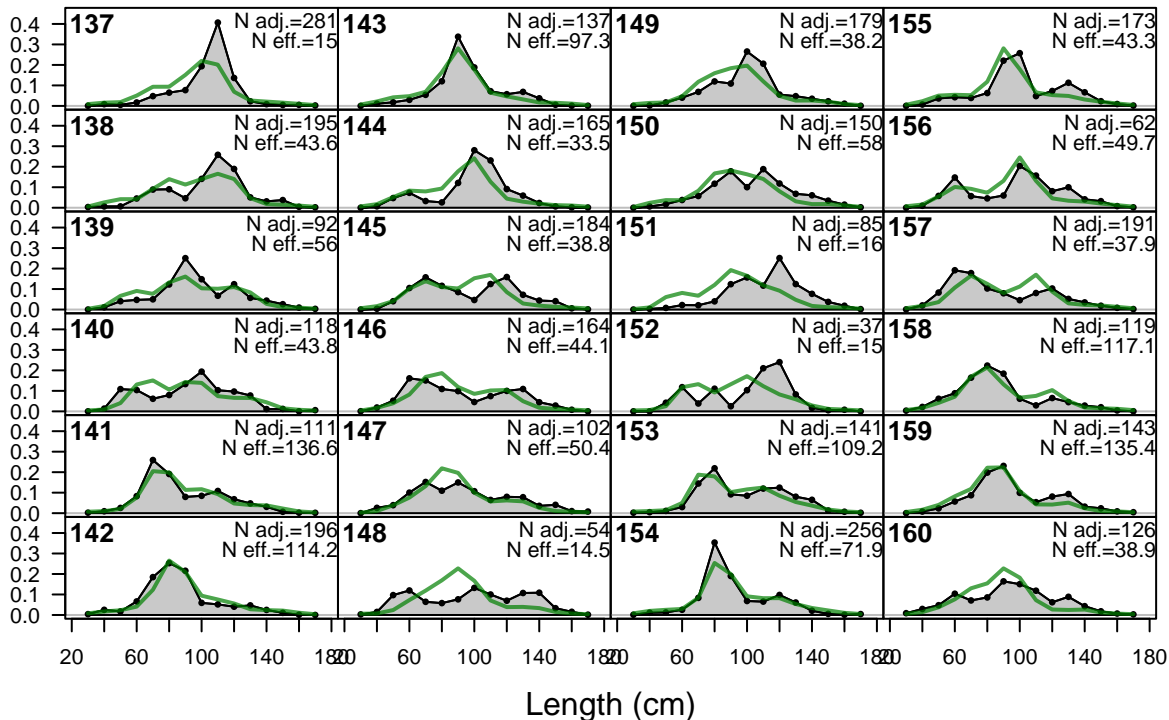
Proportion



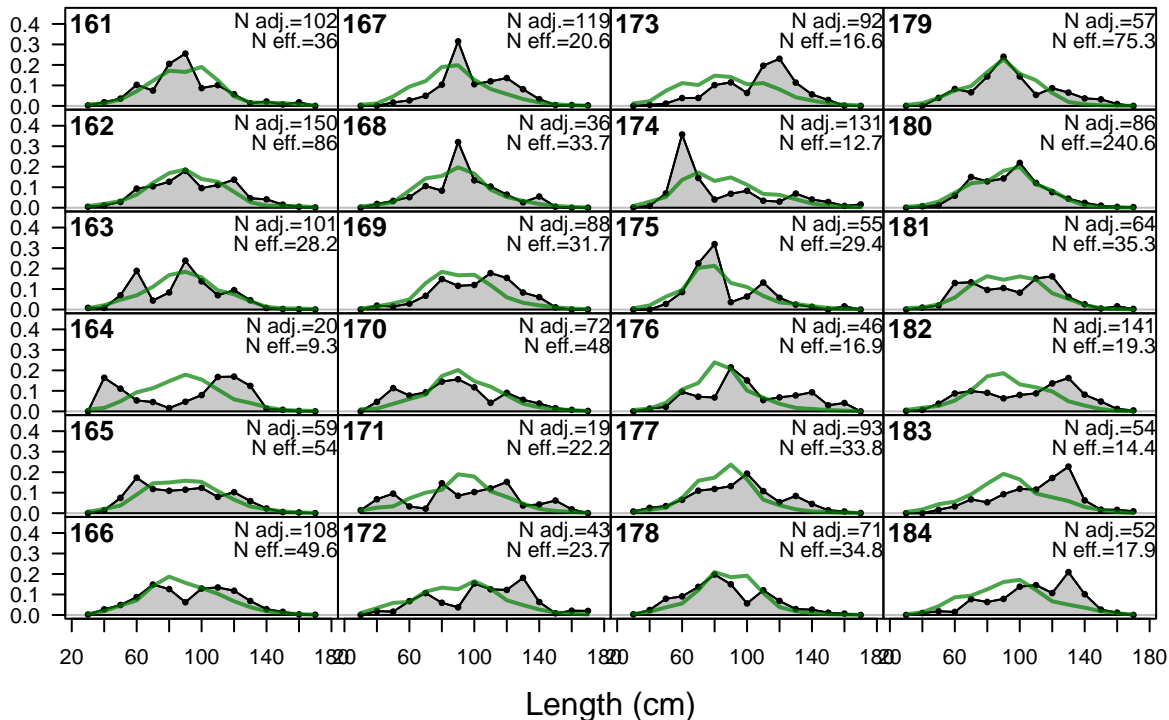
Proportion



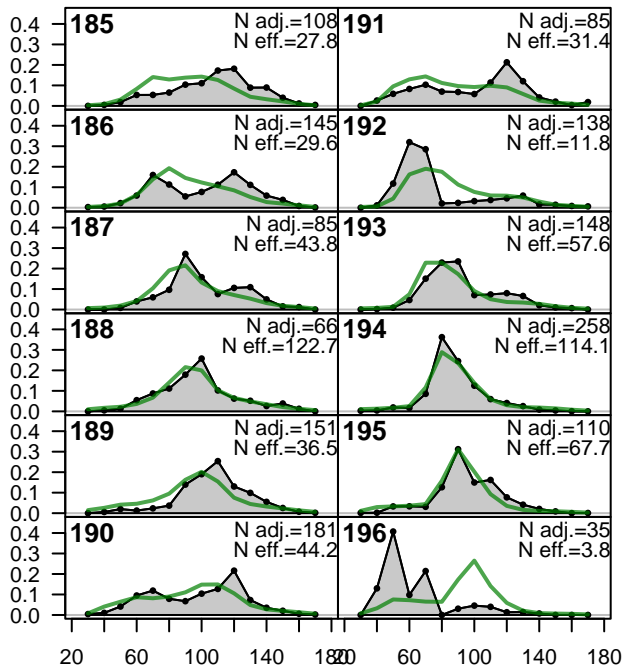
Proportion



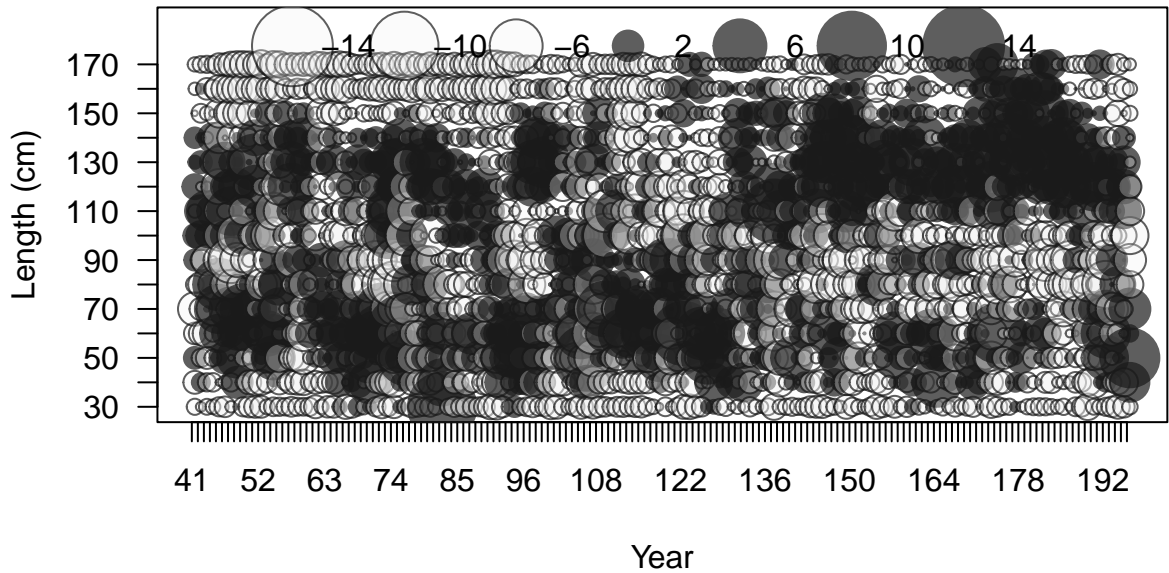
Proportion



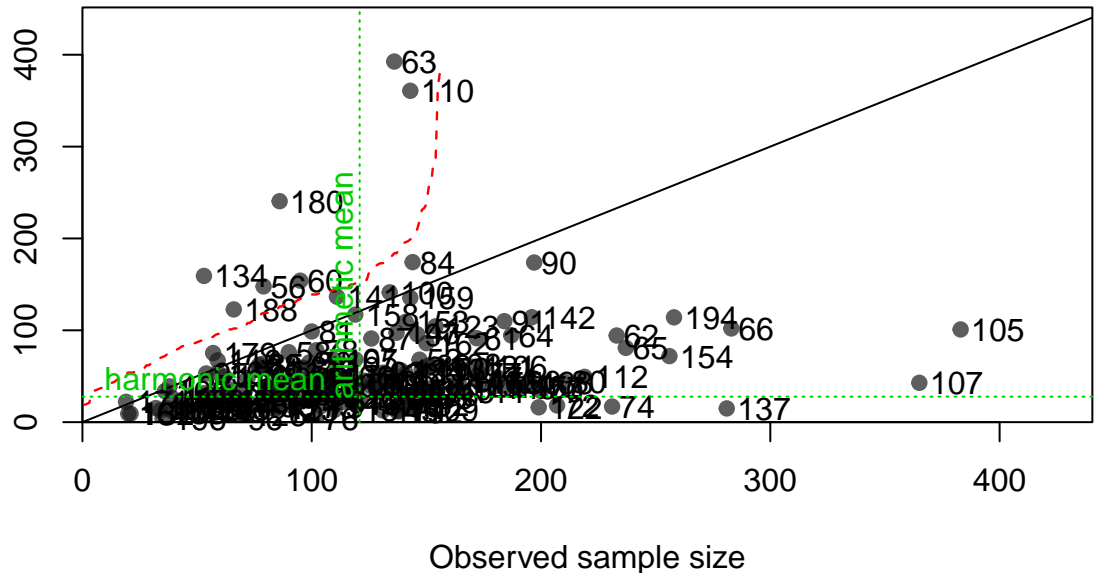
Proportion



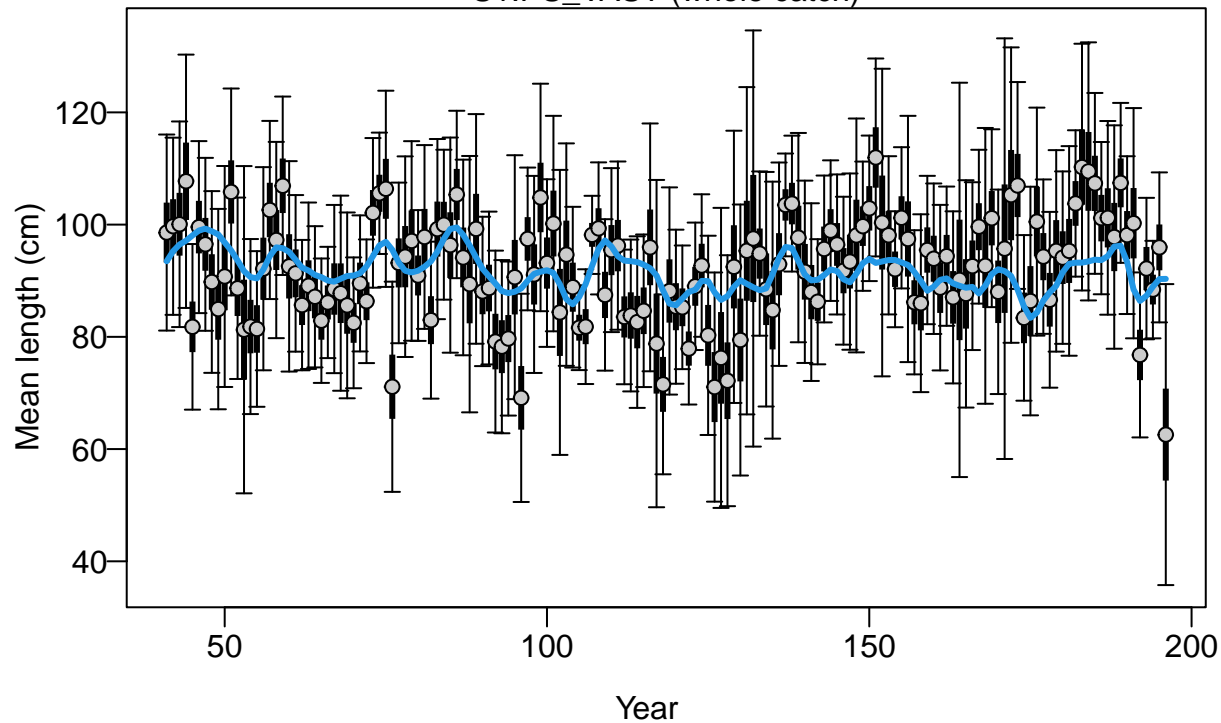
Length (cm)



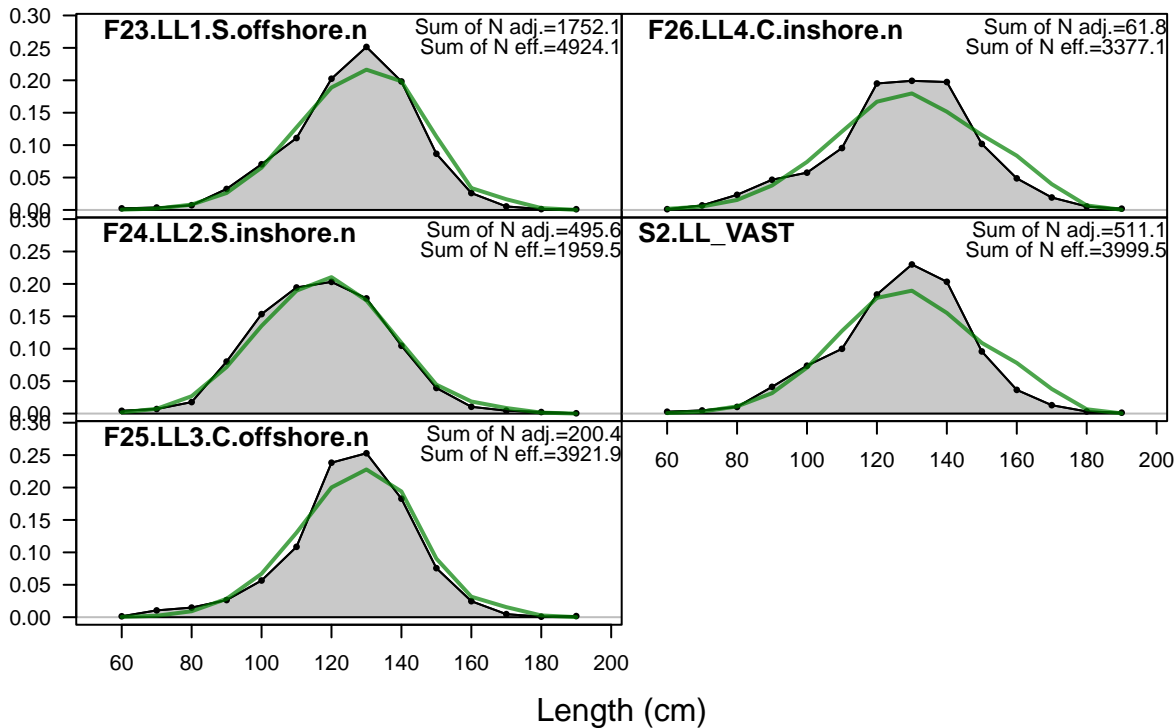
Effective sample size



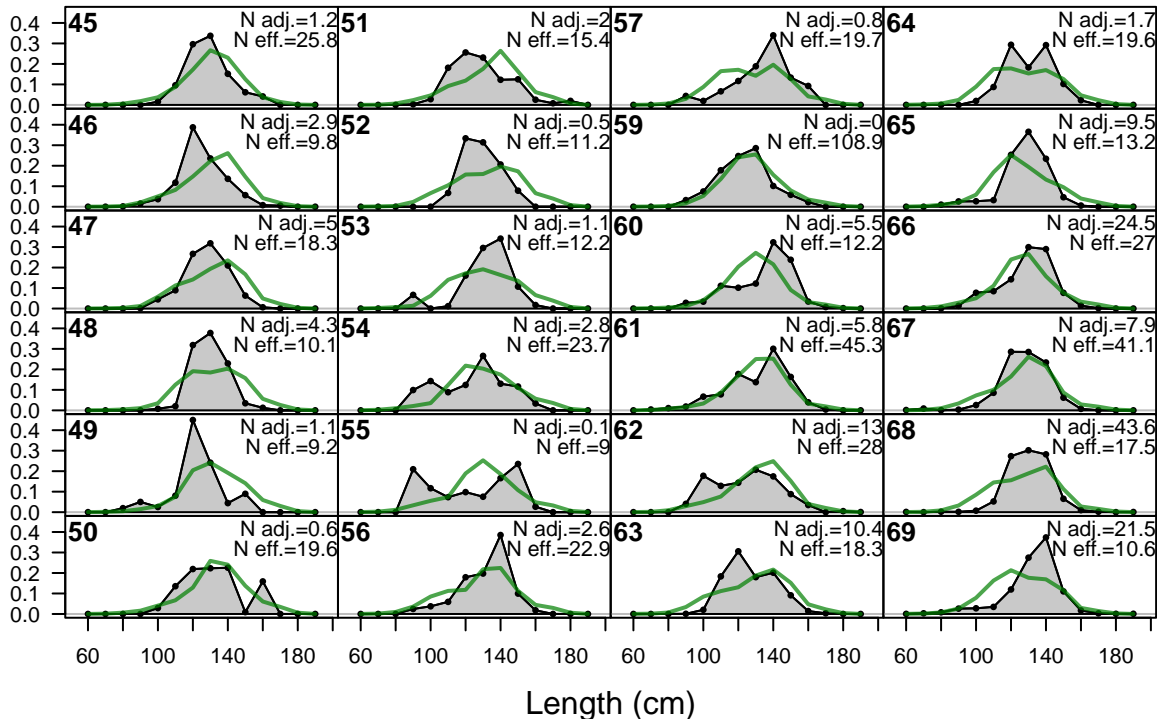
S1.PS_VAST (whole catch)



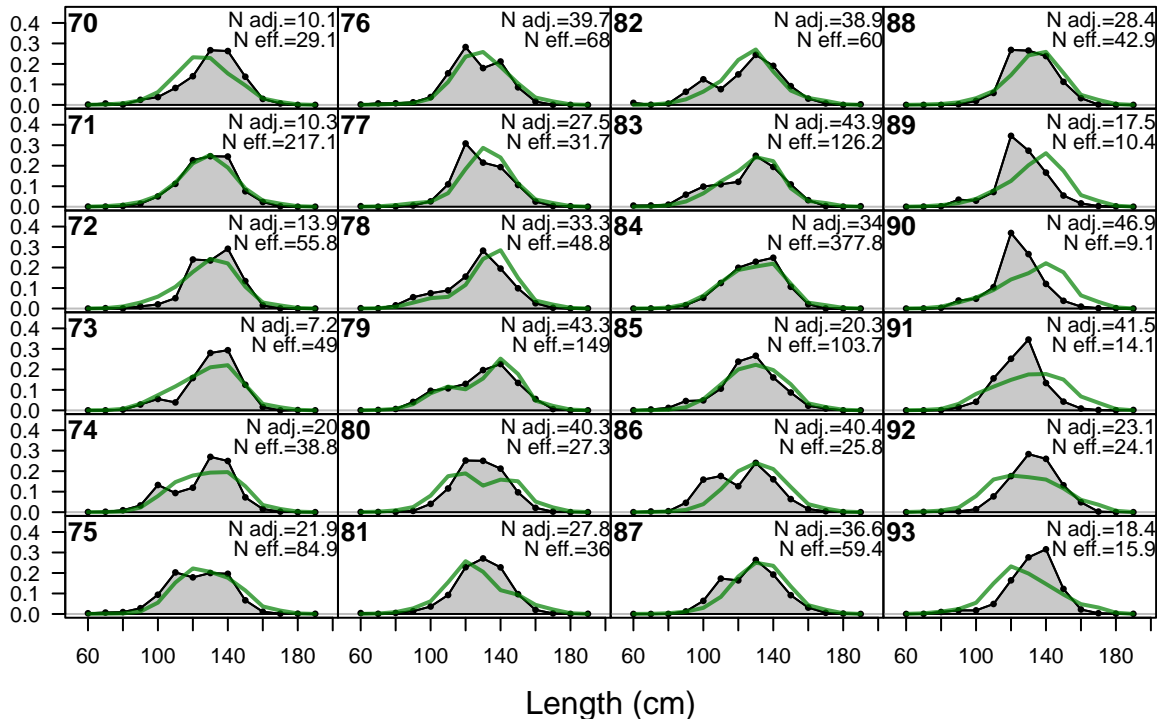
Proportion



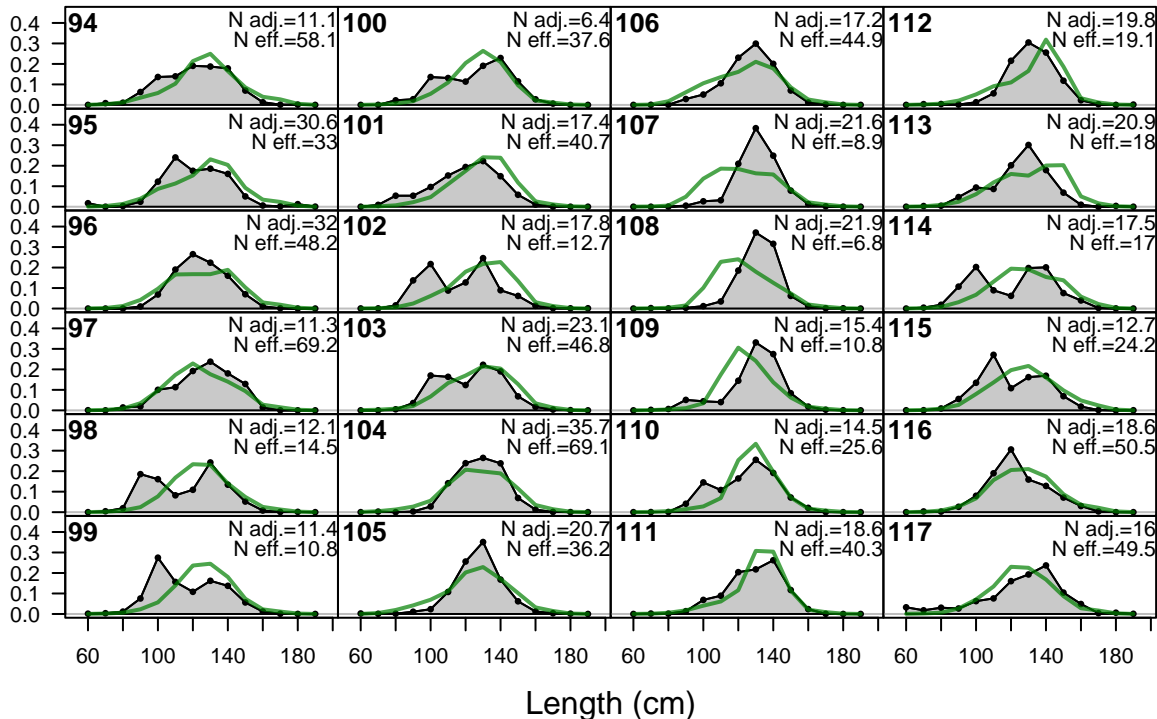
Proportion



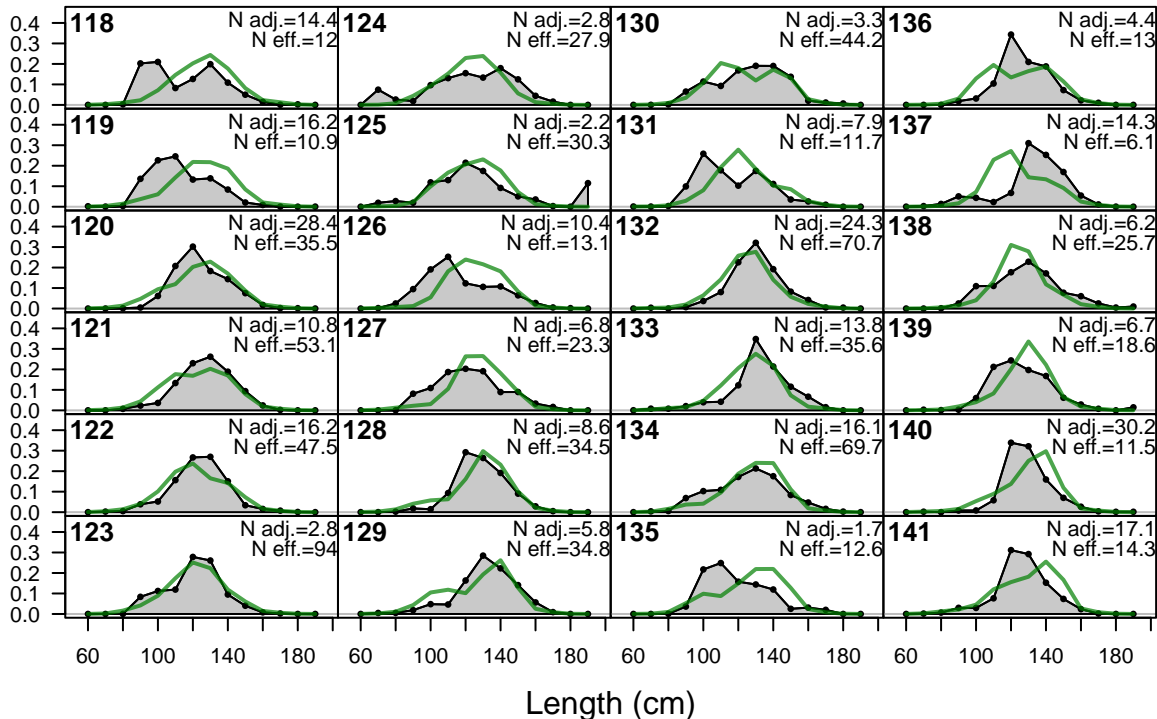
Proportion



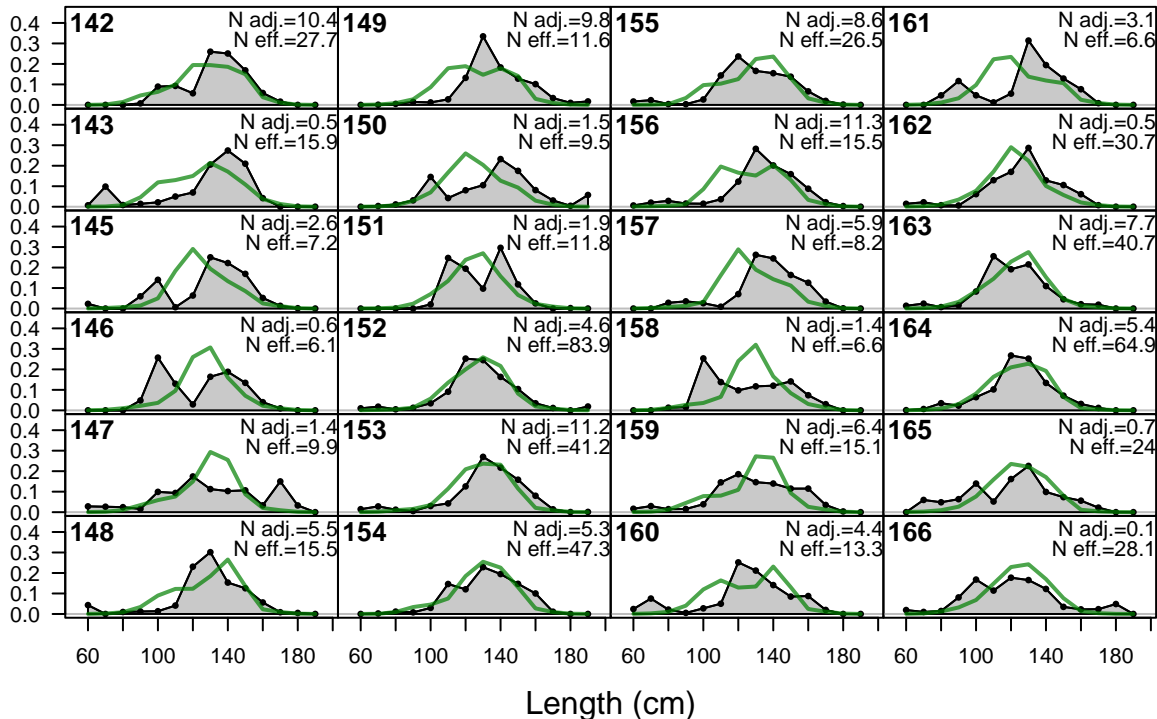
Proportion



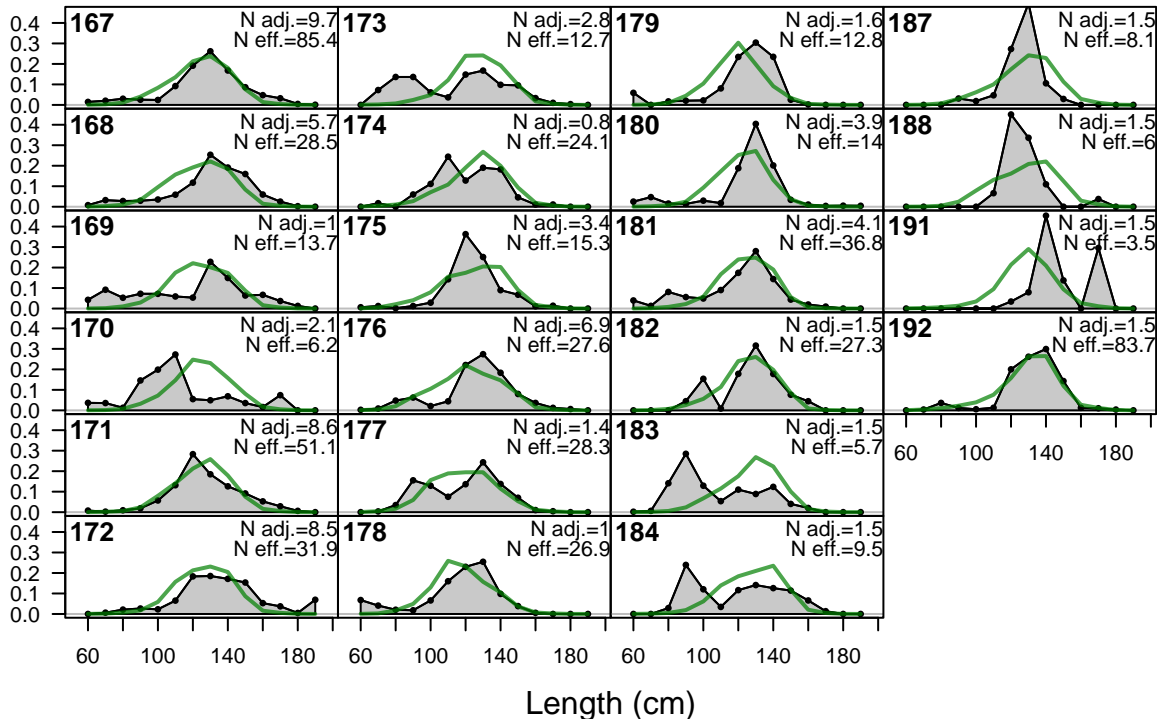
Proportion

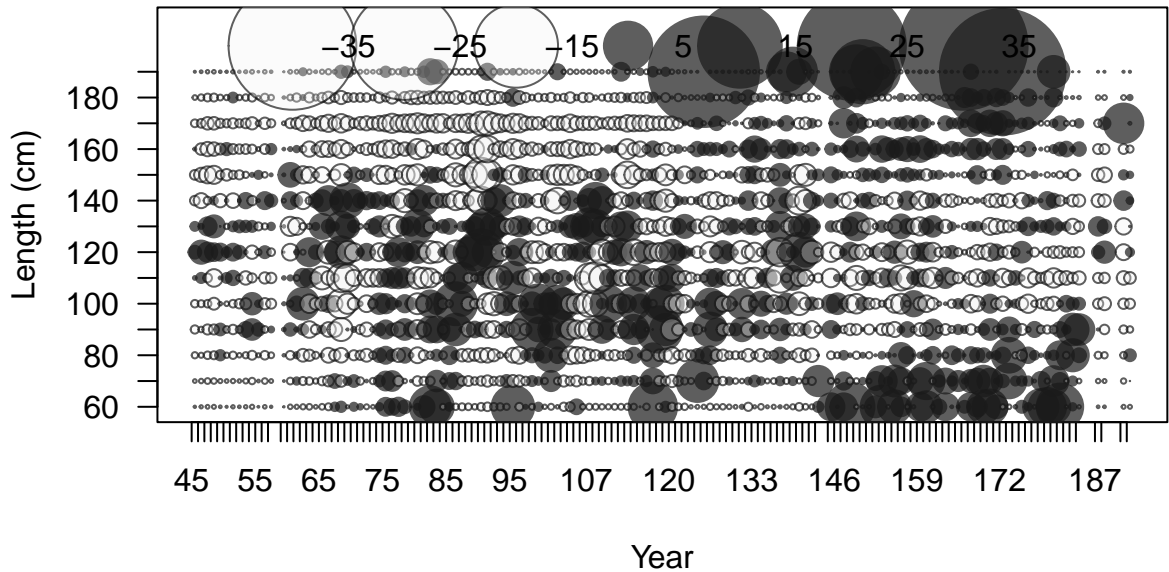


Proportion

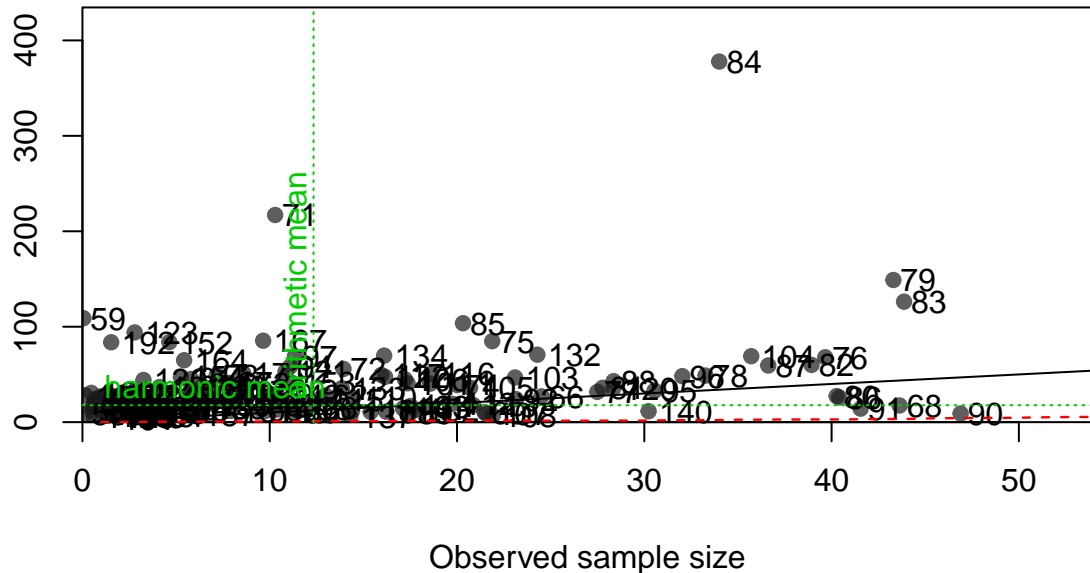


Proportion

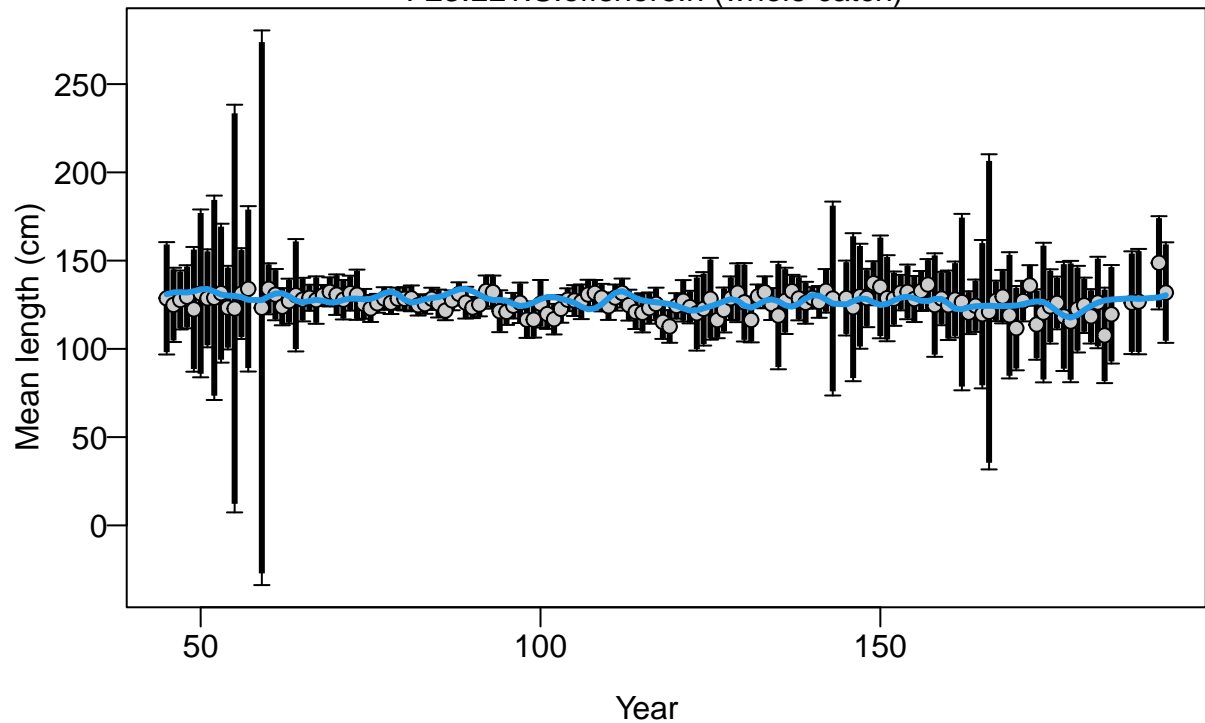




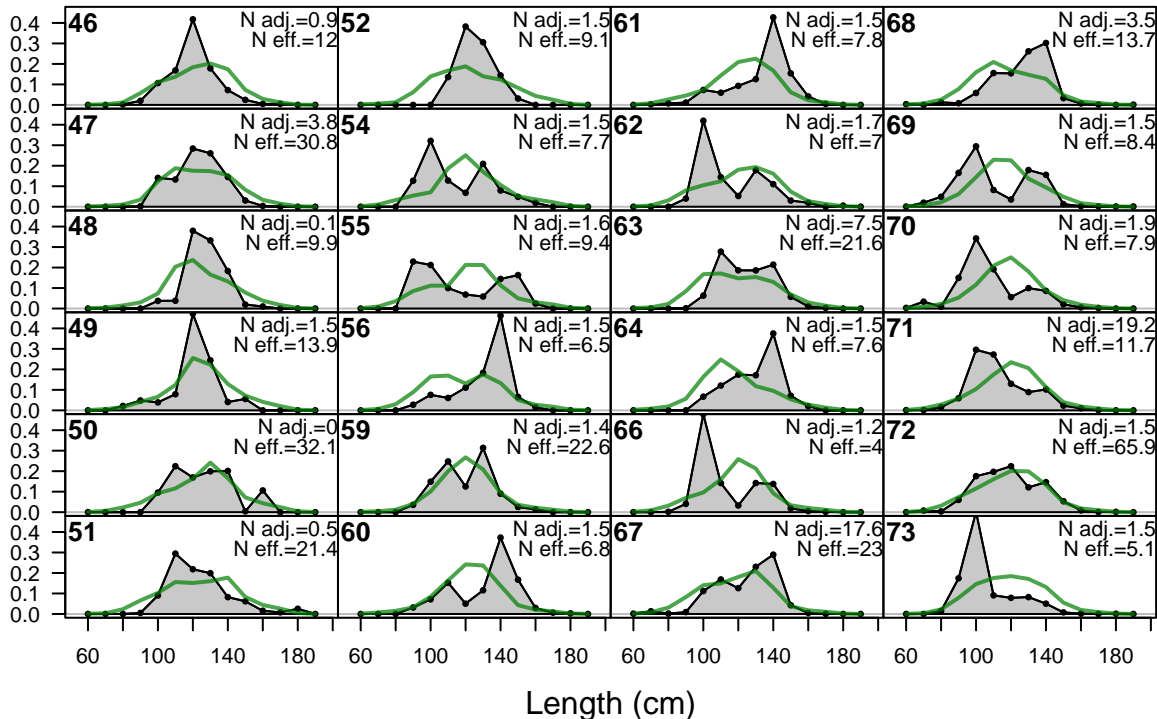
Effective sample size



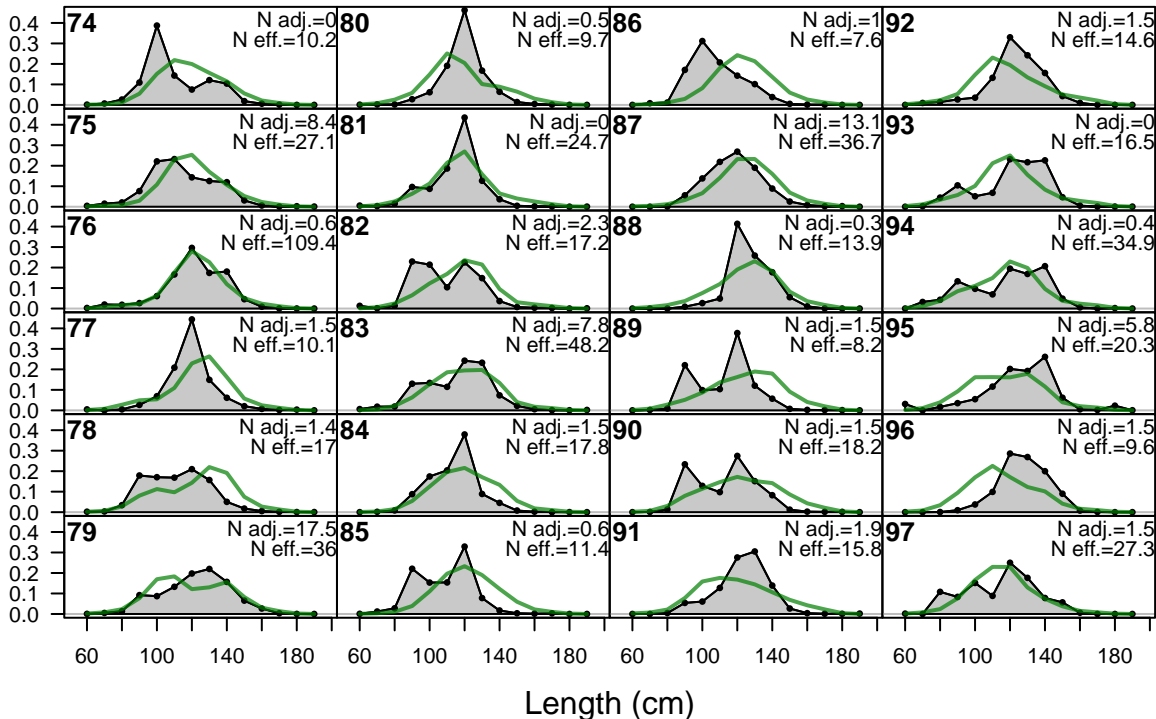
F23.LL1.S.offshore.n (whole catch)



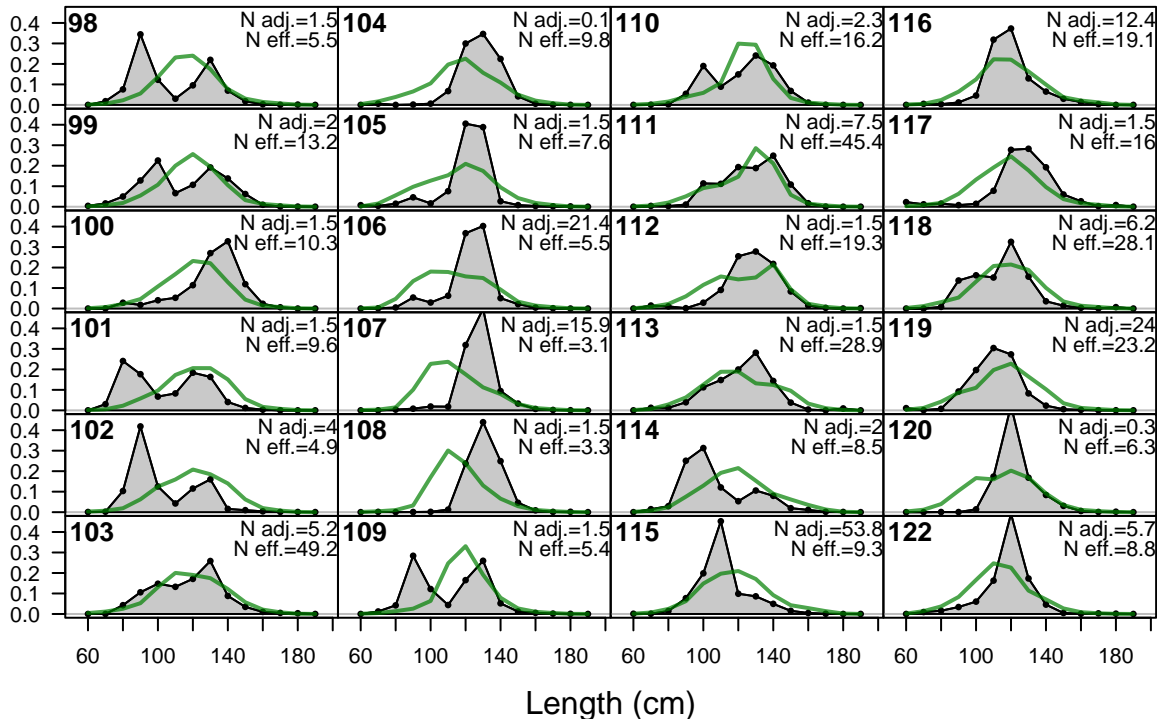
Proportion



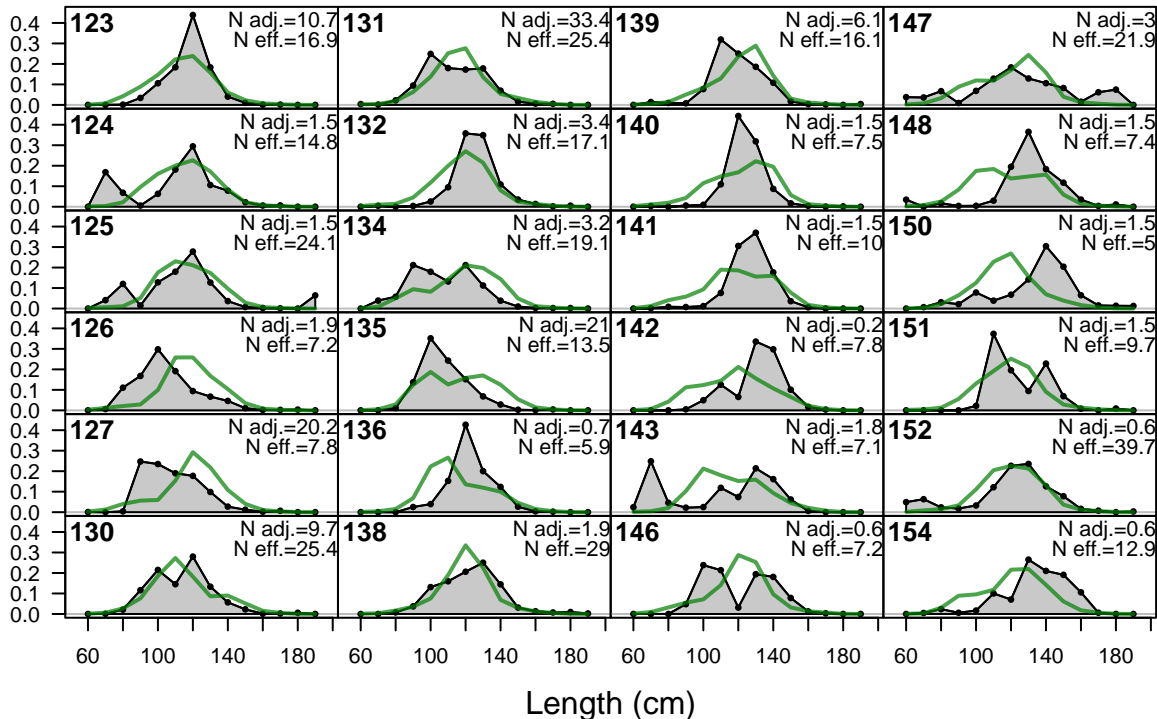
Proportion



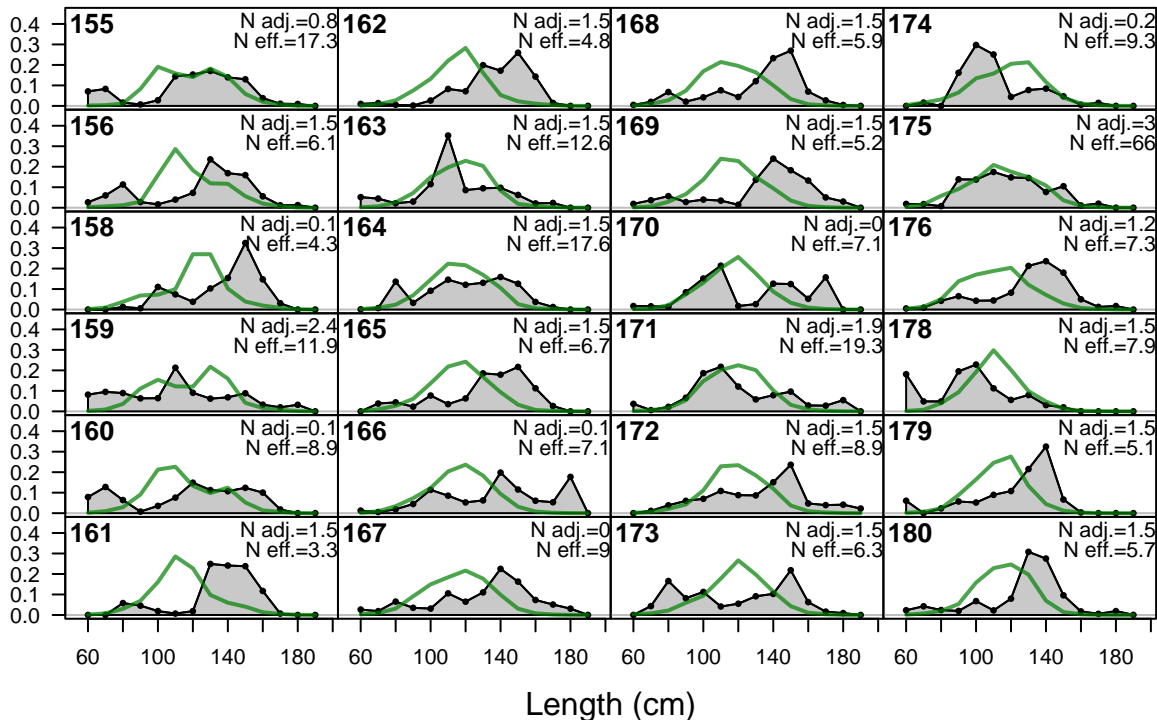
Proportion



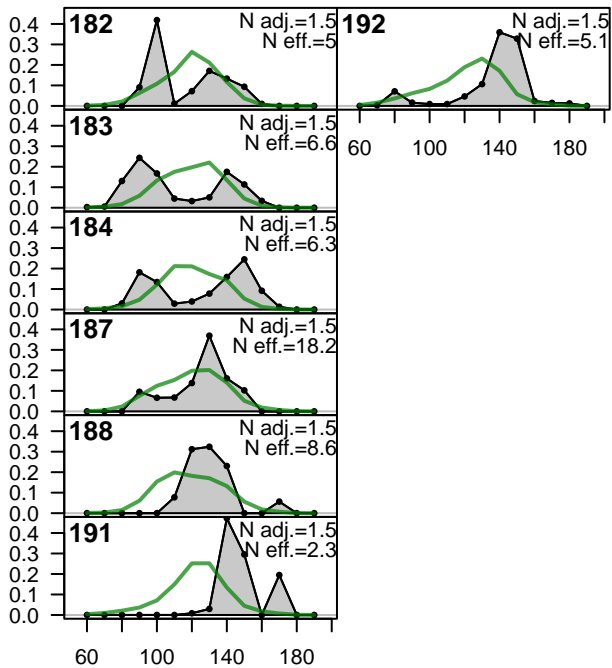
Proportion



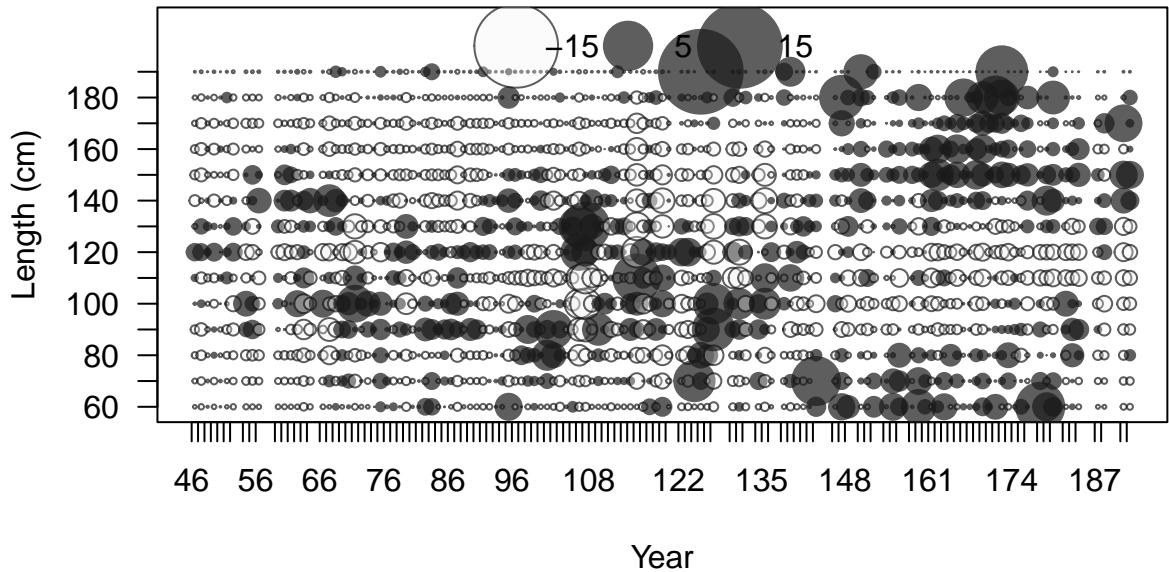
Proportion

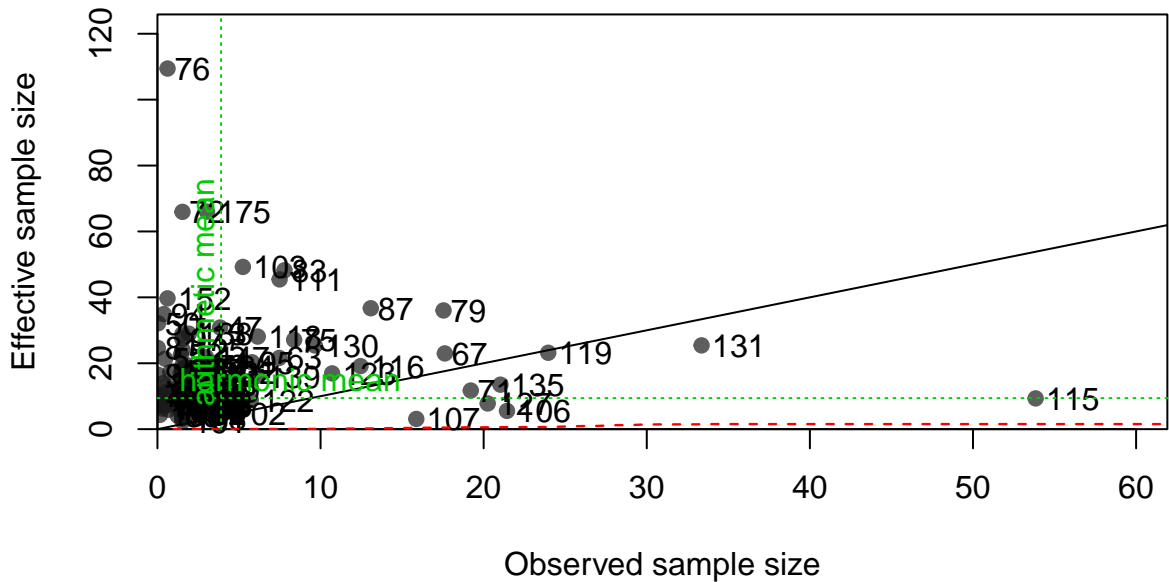


Proportion

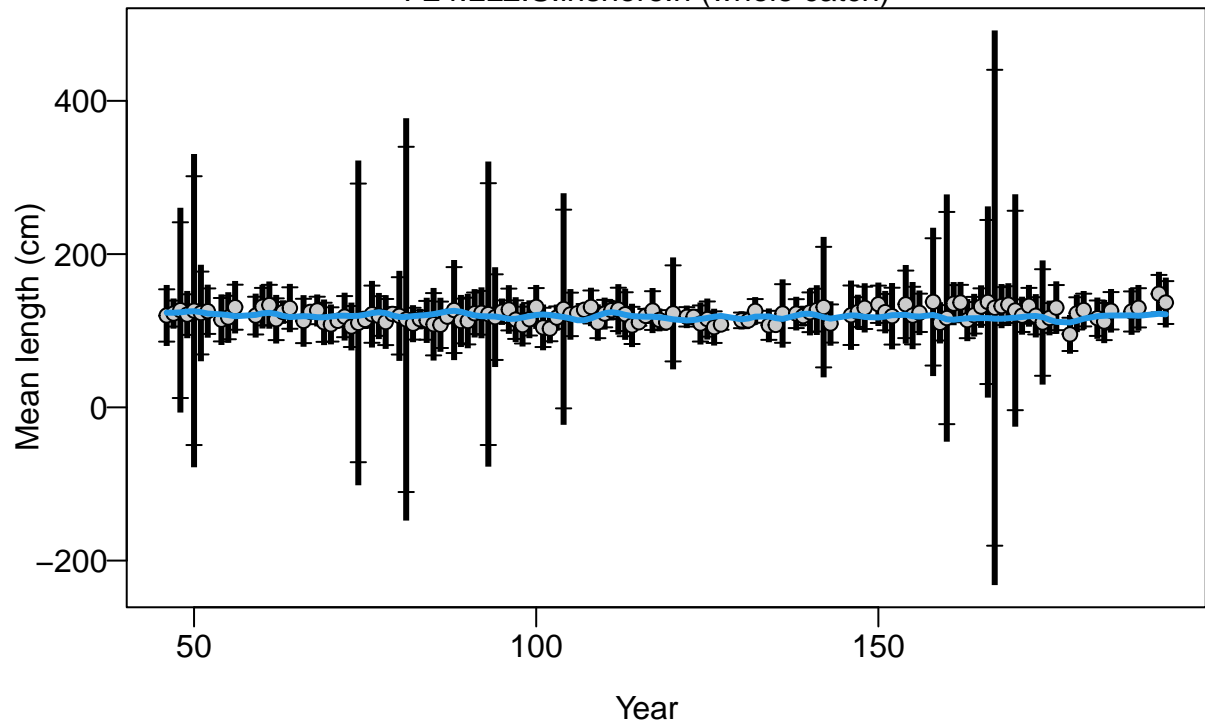


Length (cm)

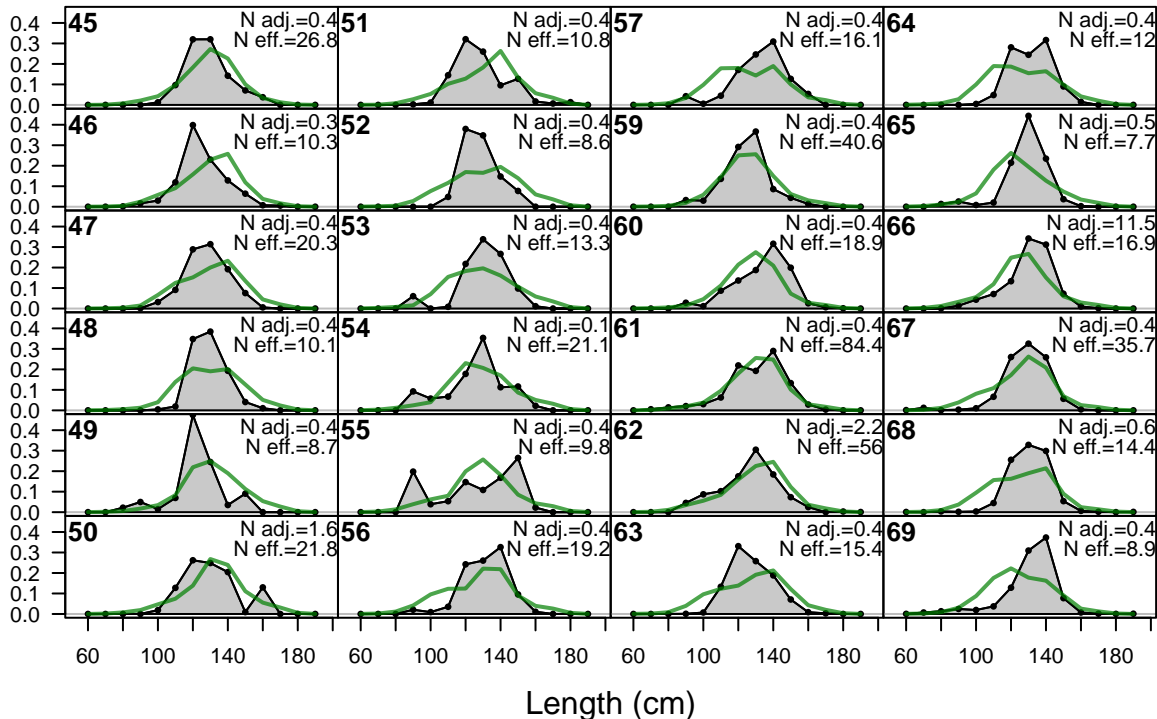




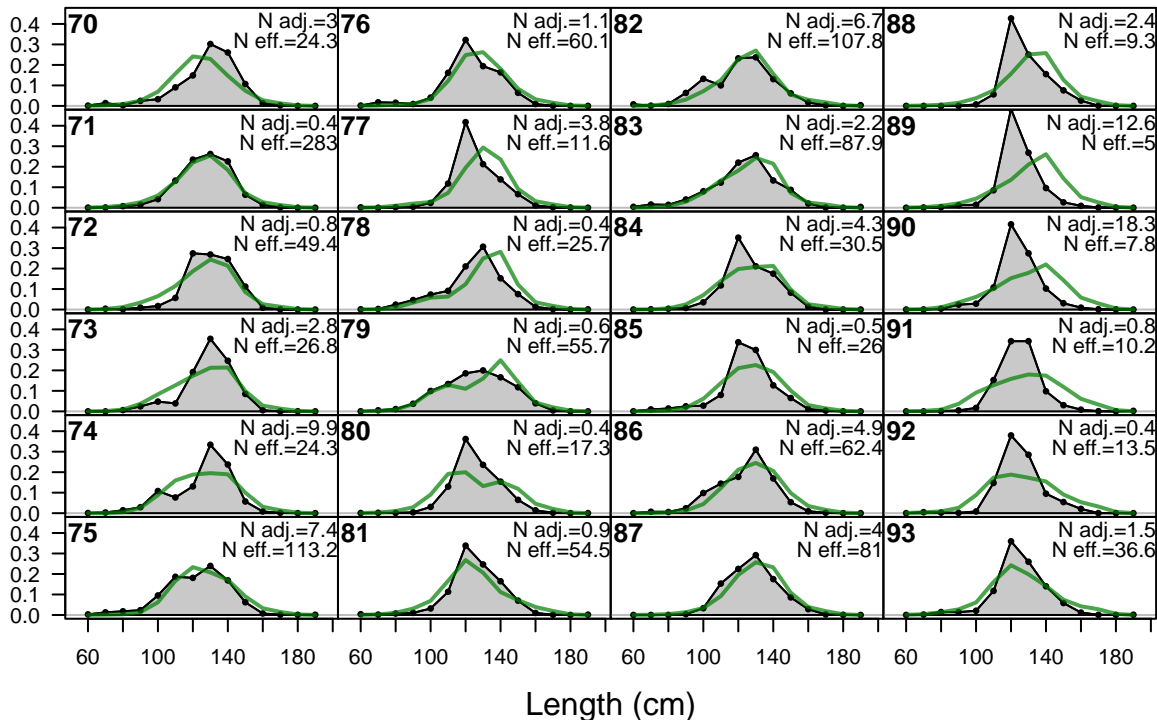
F24.LL2.S.inshore.n (whole catch)



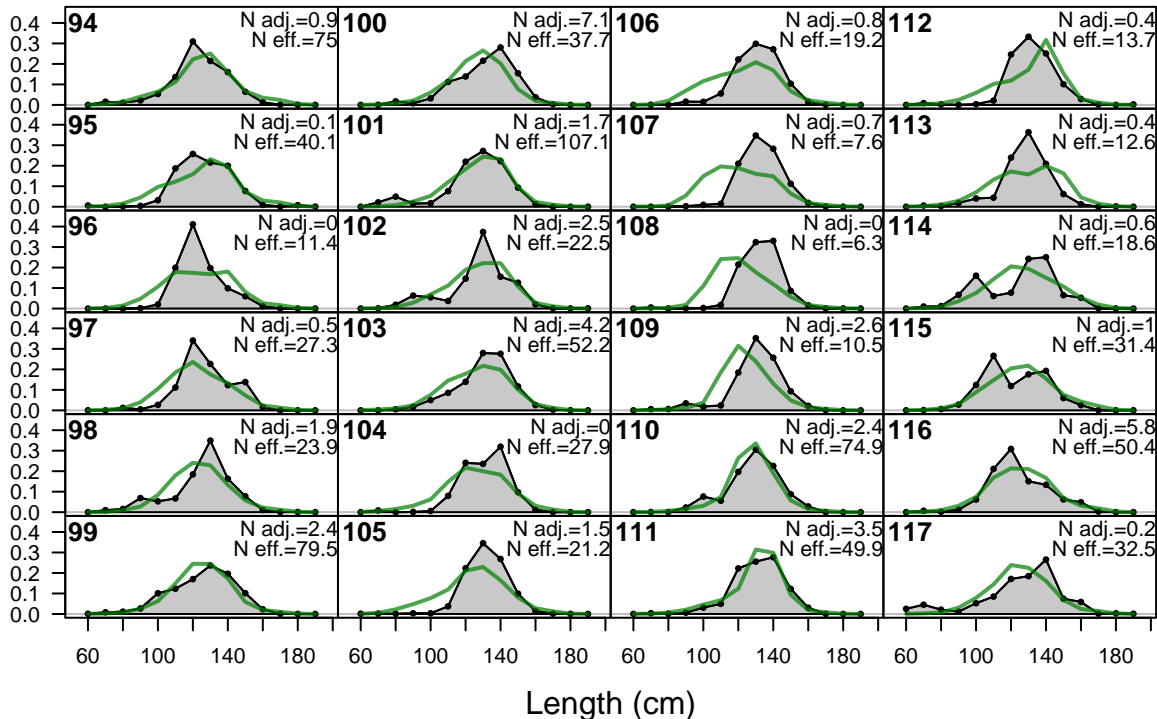
Proportion



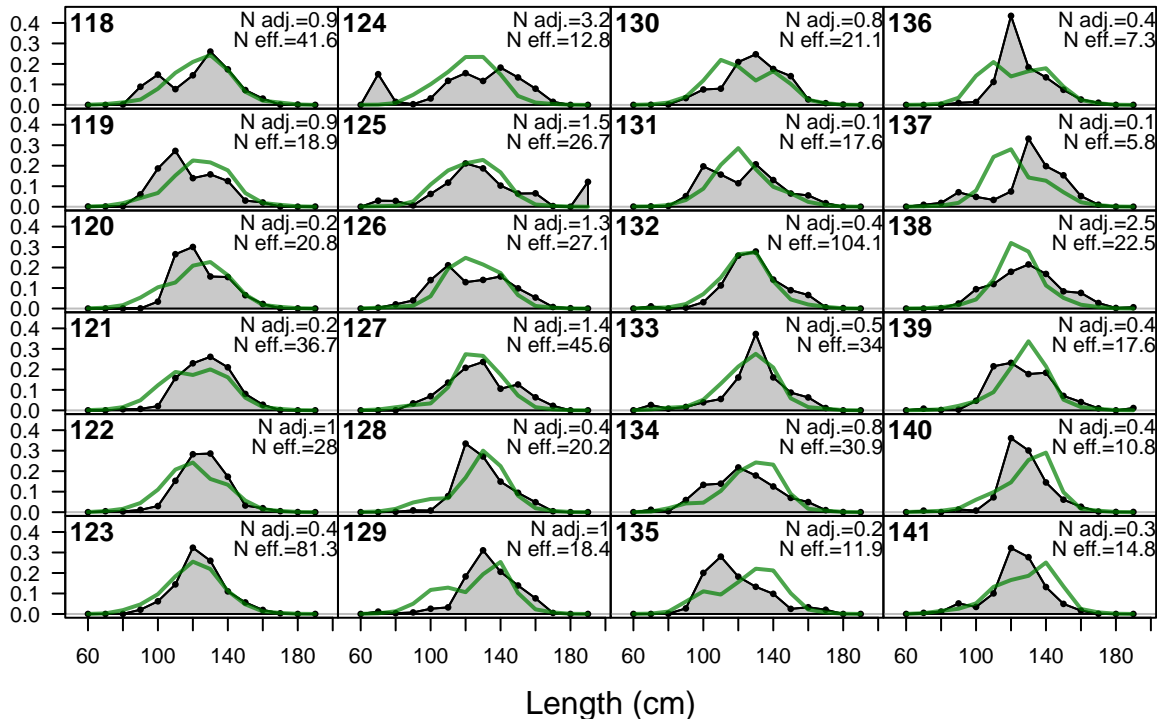
Proportion



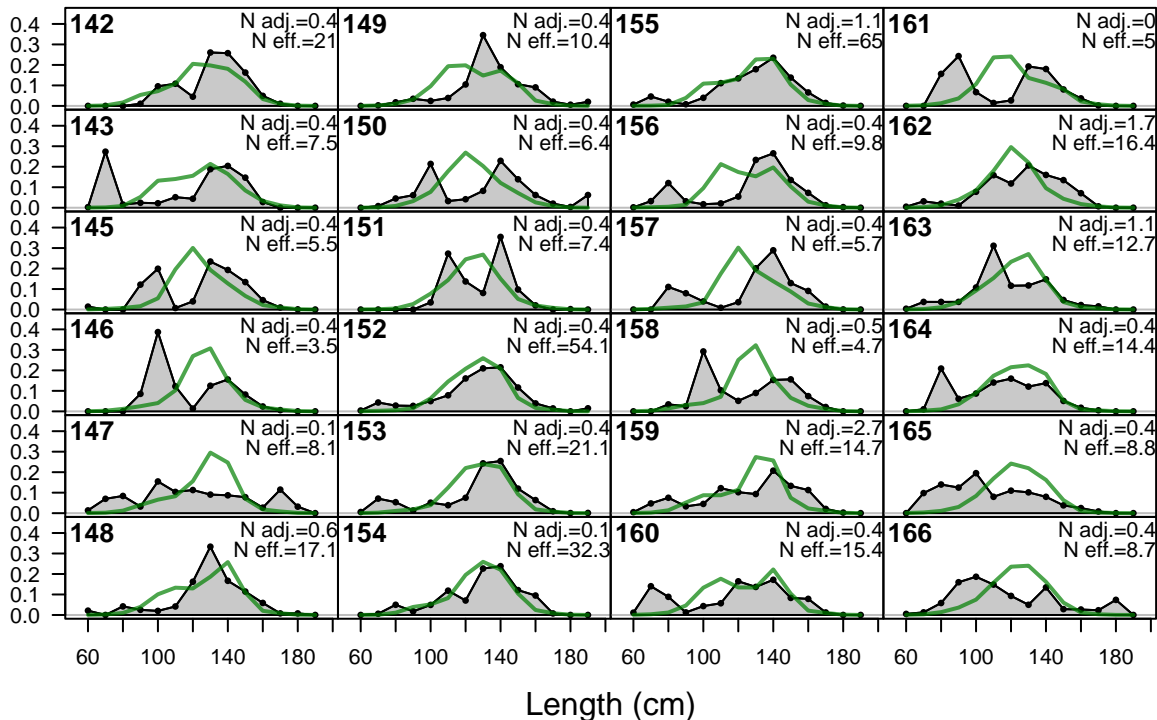
Proportion



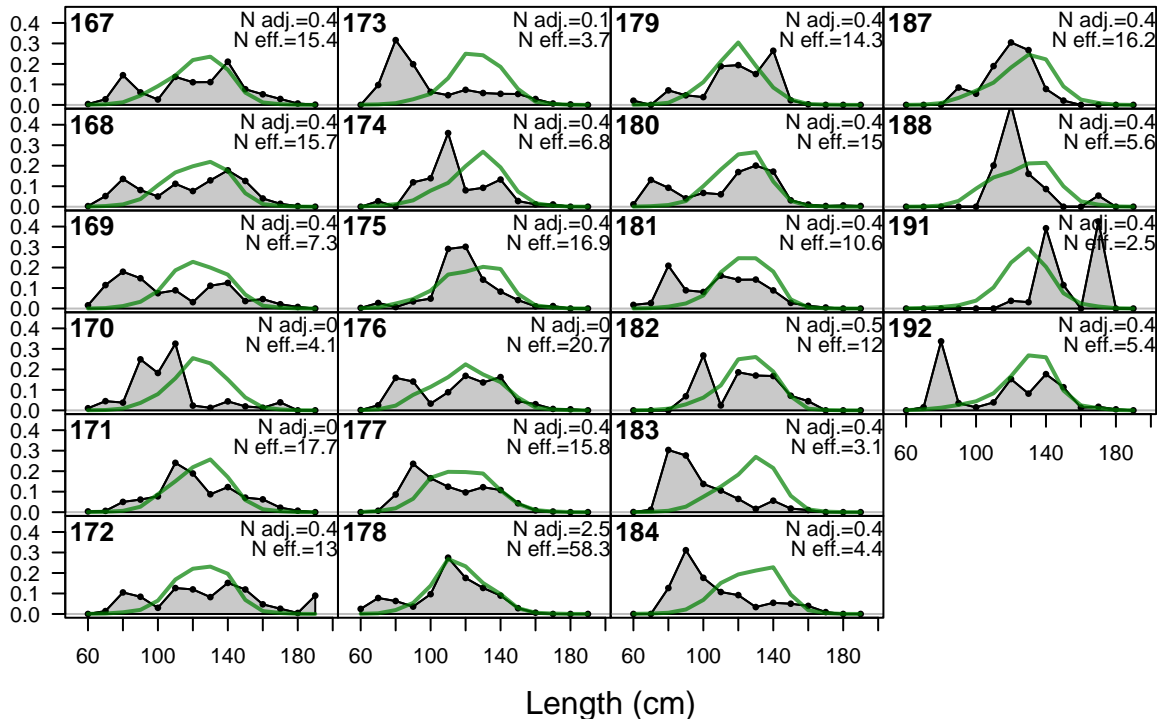
Proportion

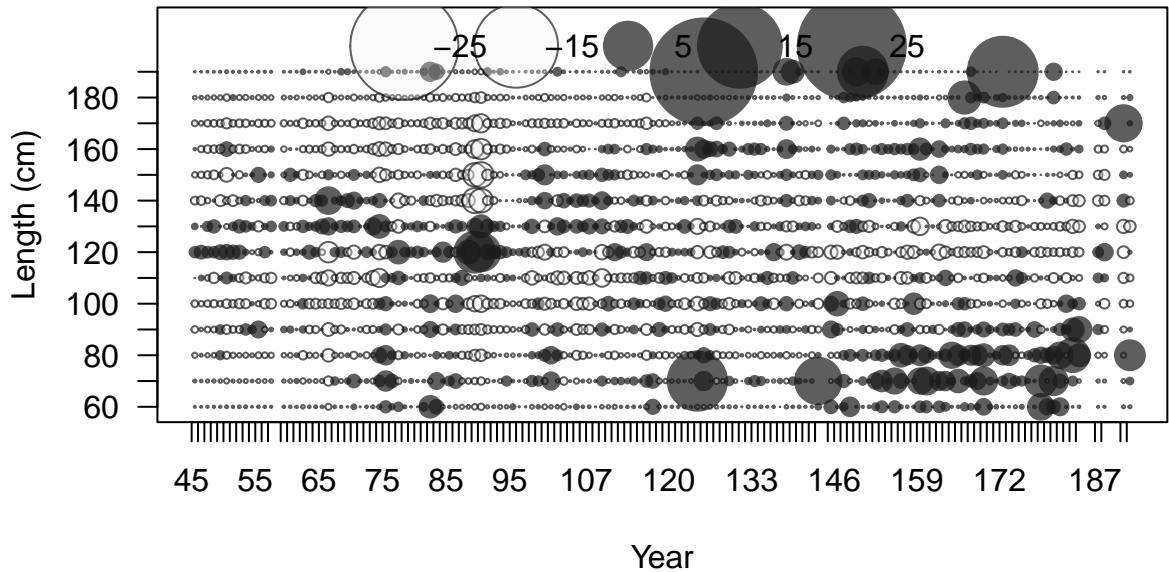


Proportion

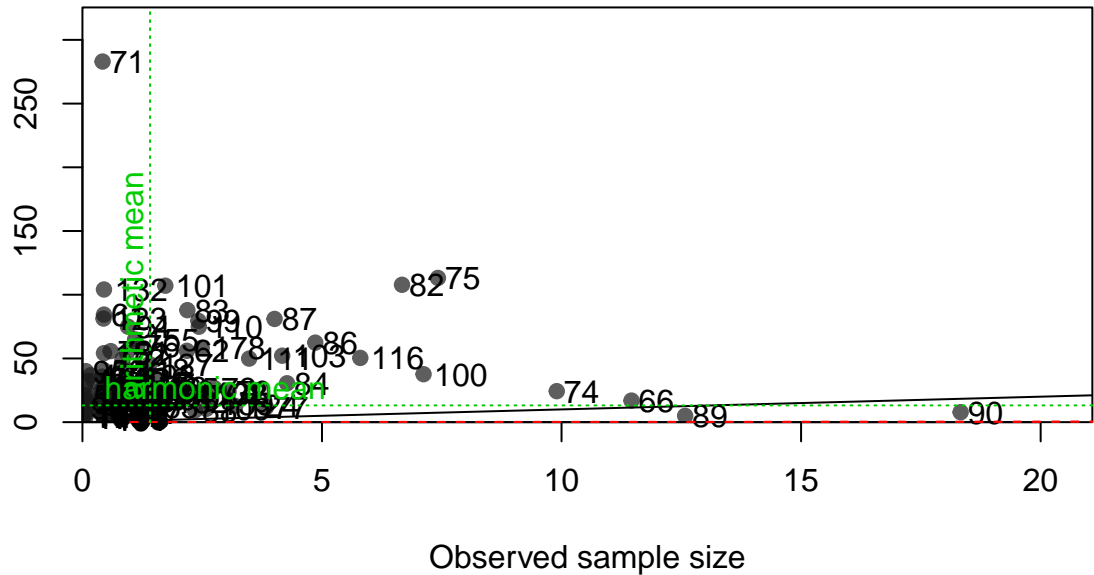


Proportion

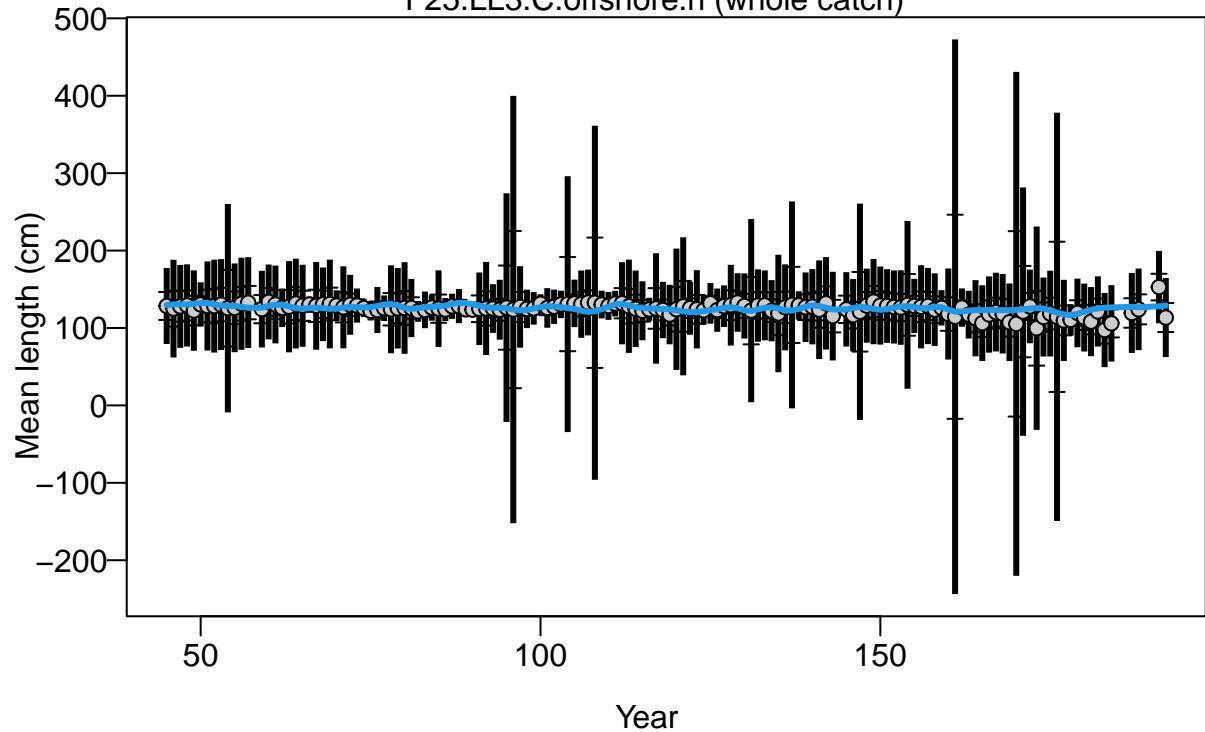




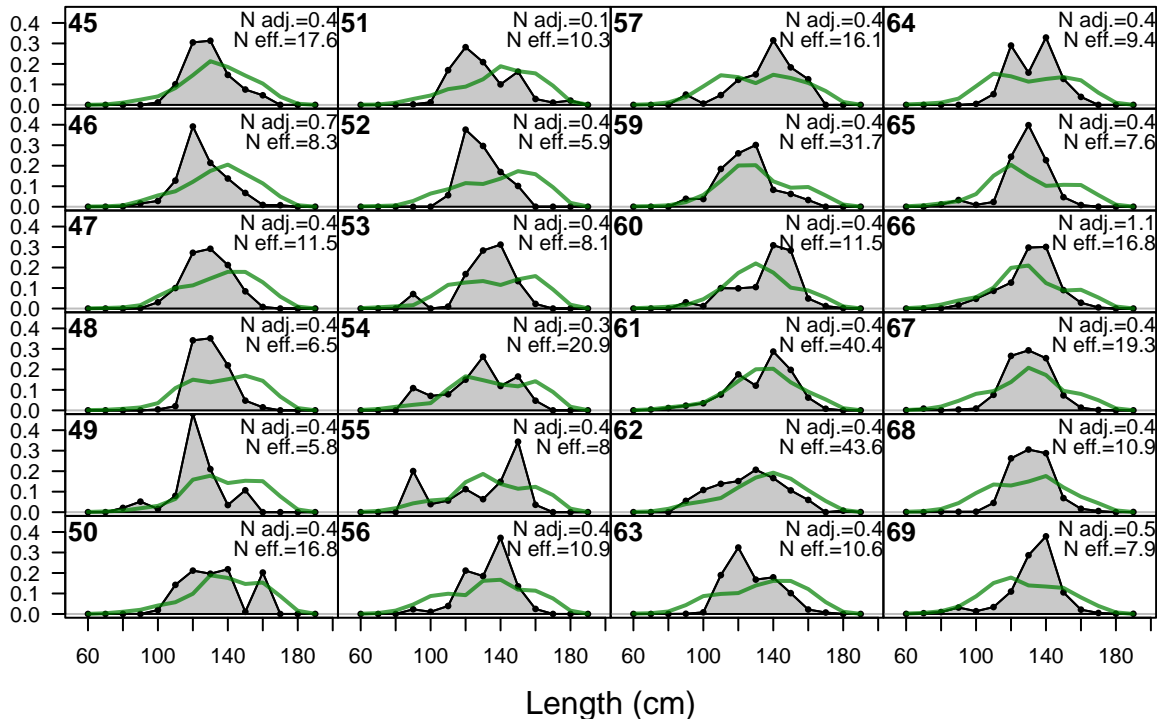
Effective sample size



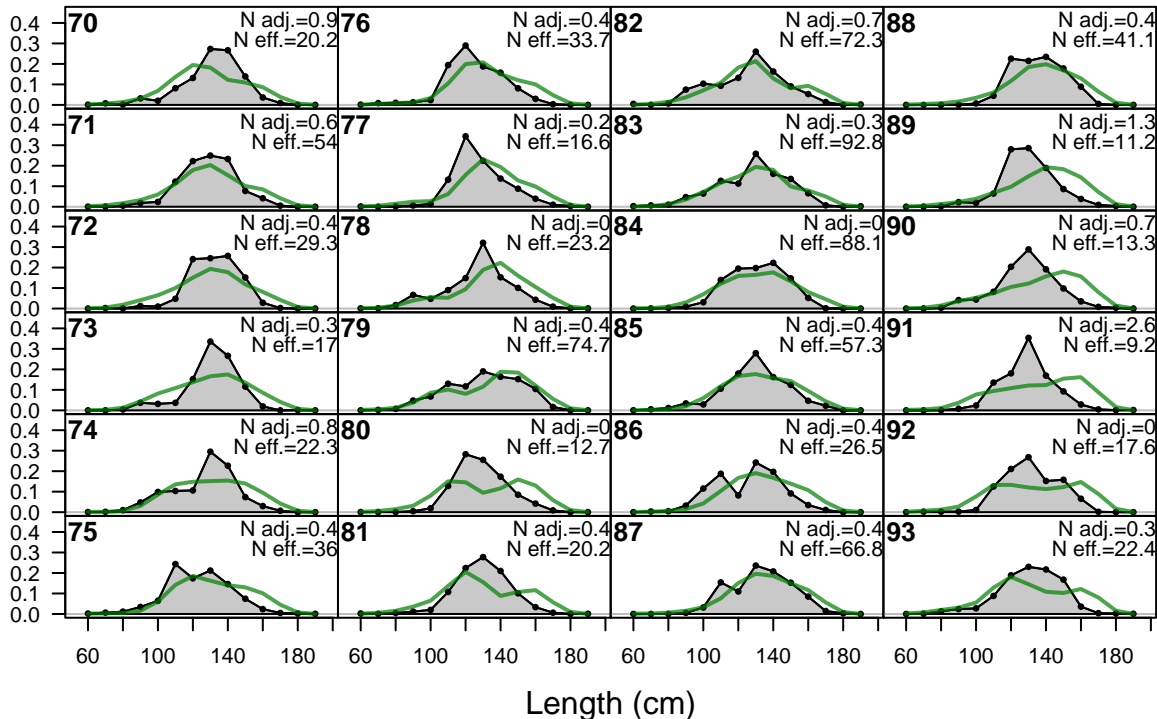
F25.LL3.C.offshore.n (whole catch)



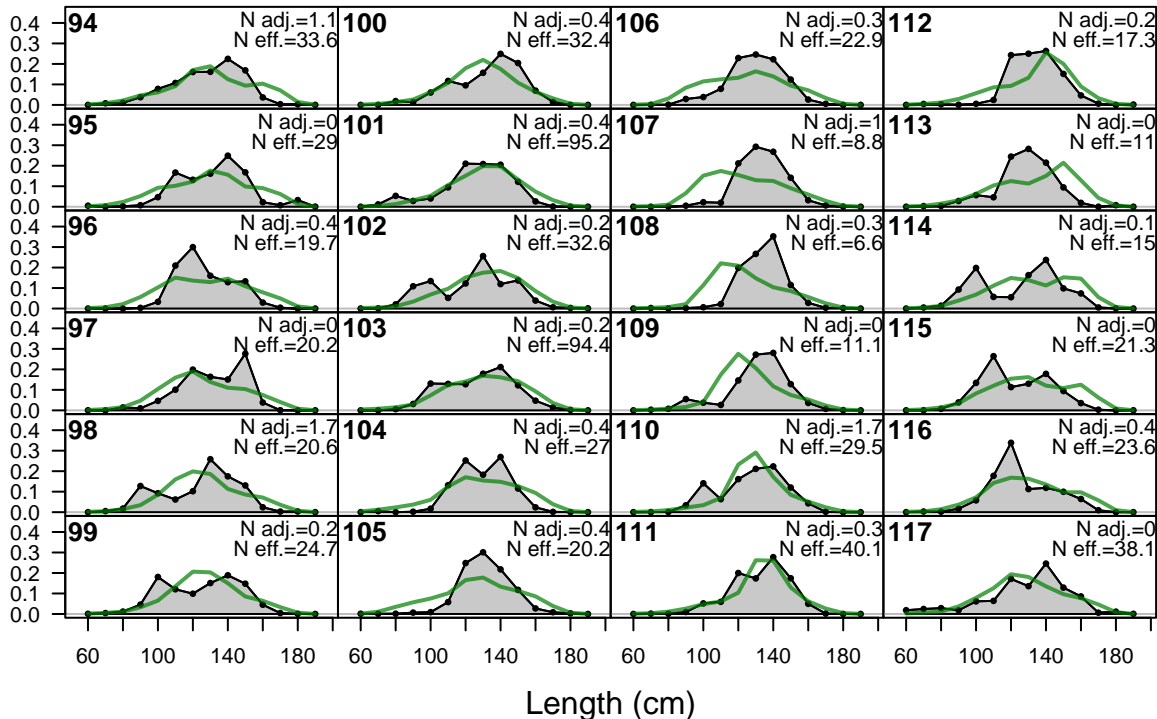
Proportion



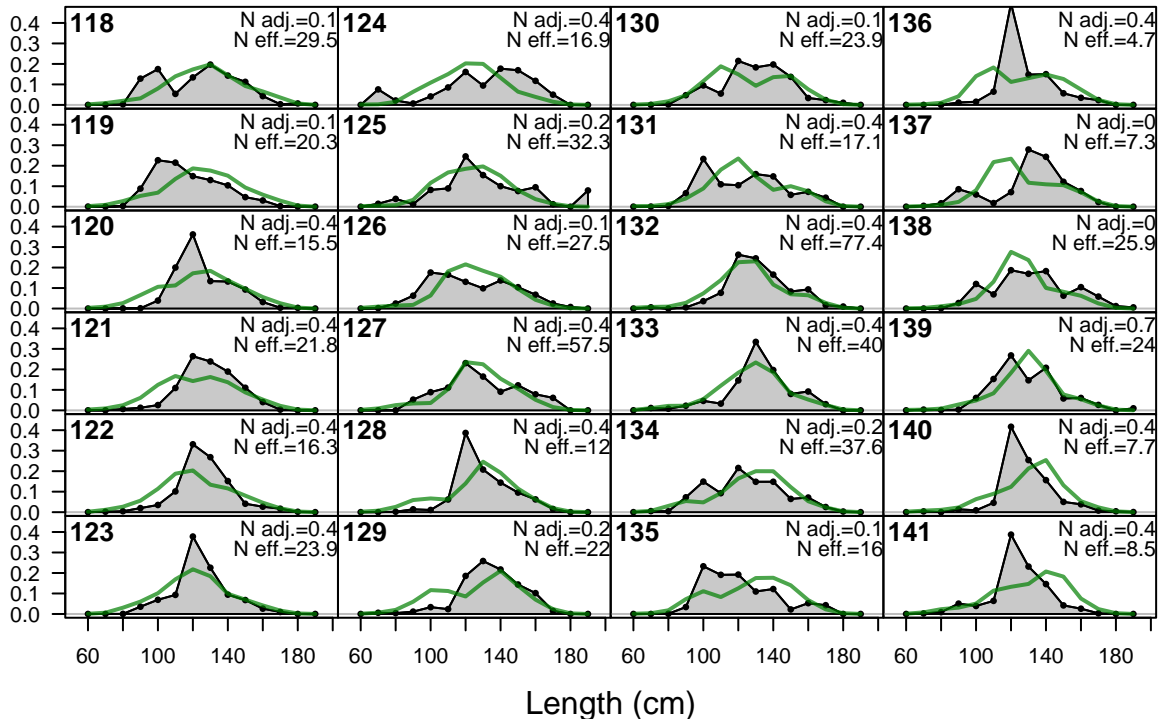
Proportion



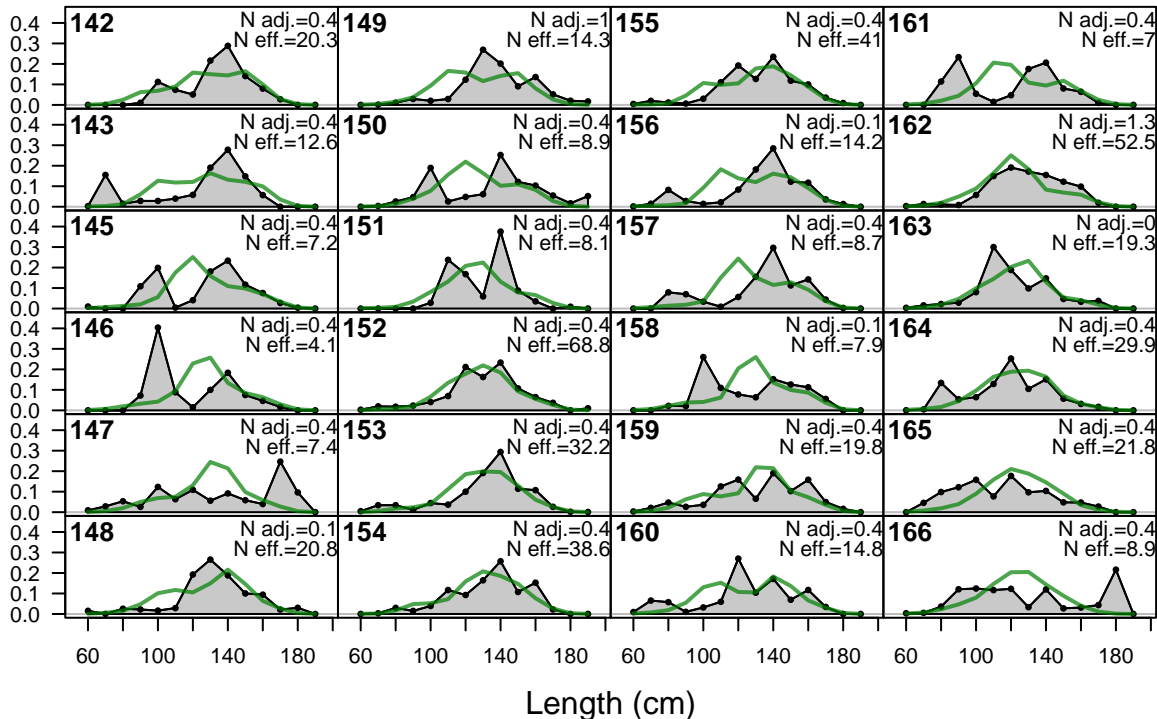
Proportion



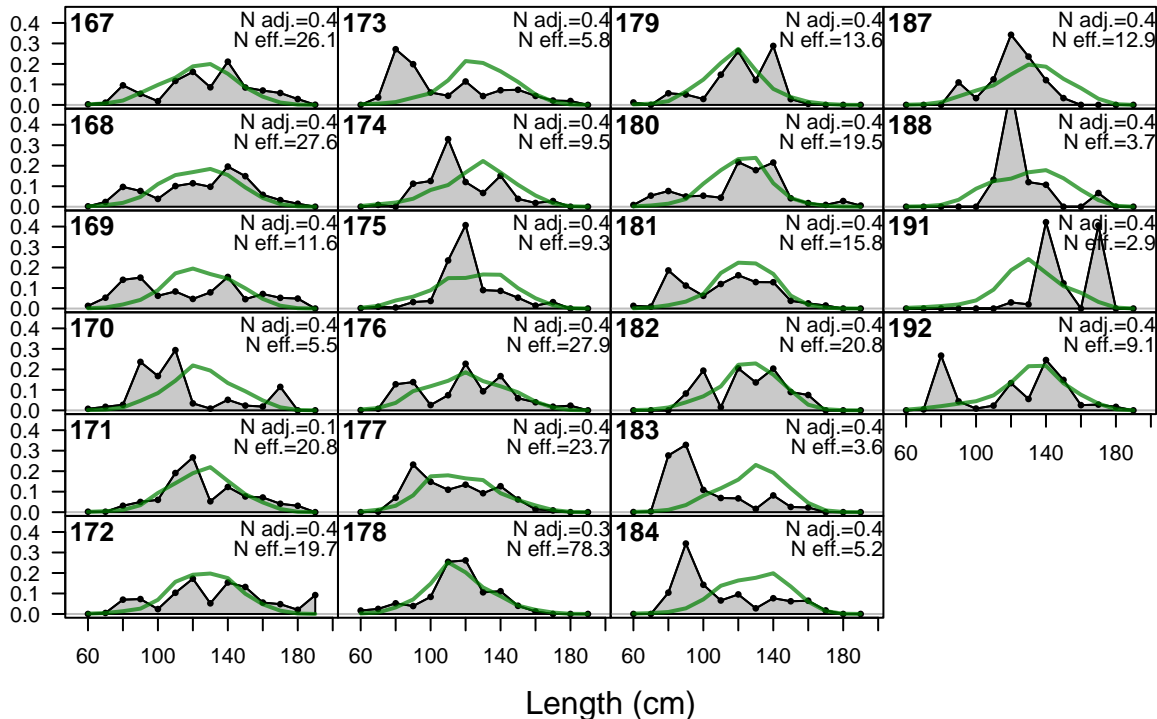
Proportion



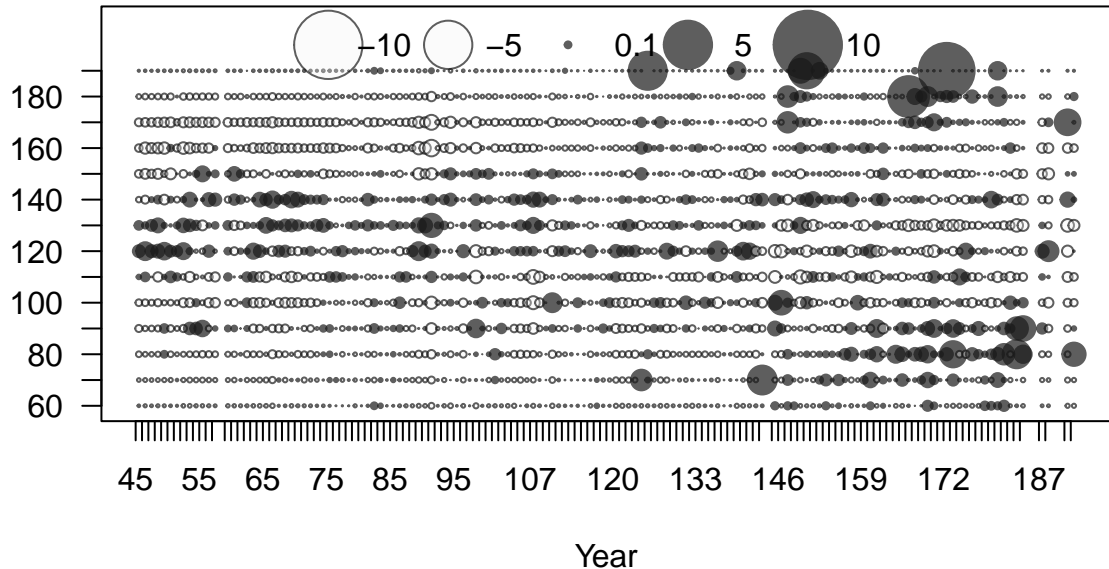
Proportion



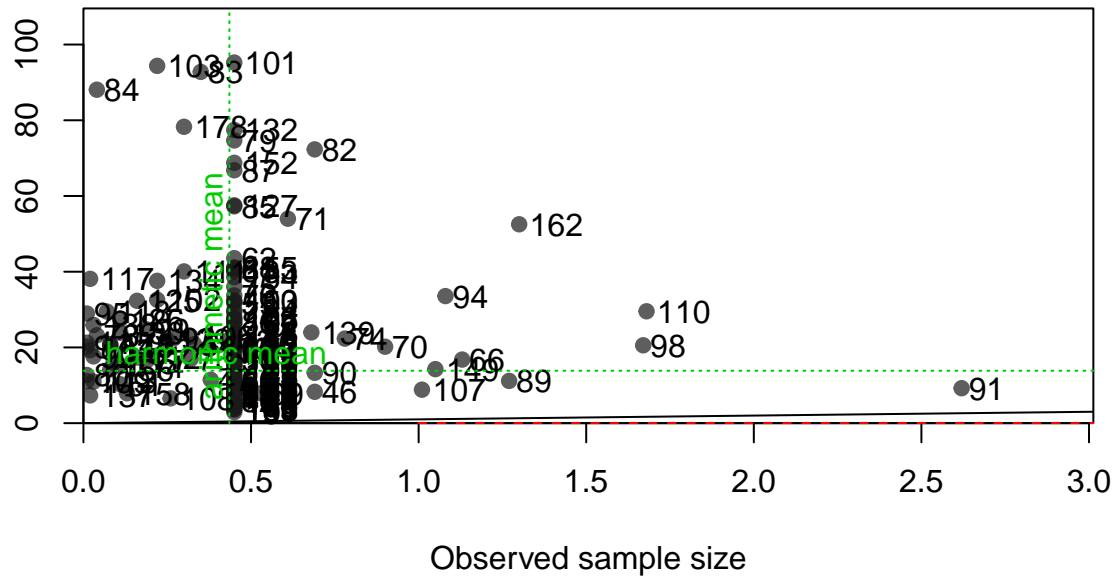
Proportion



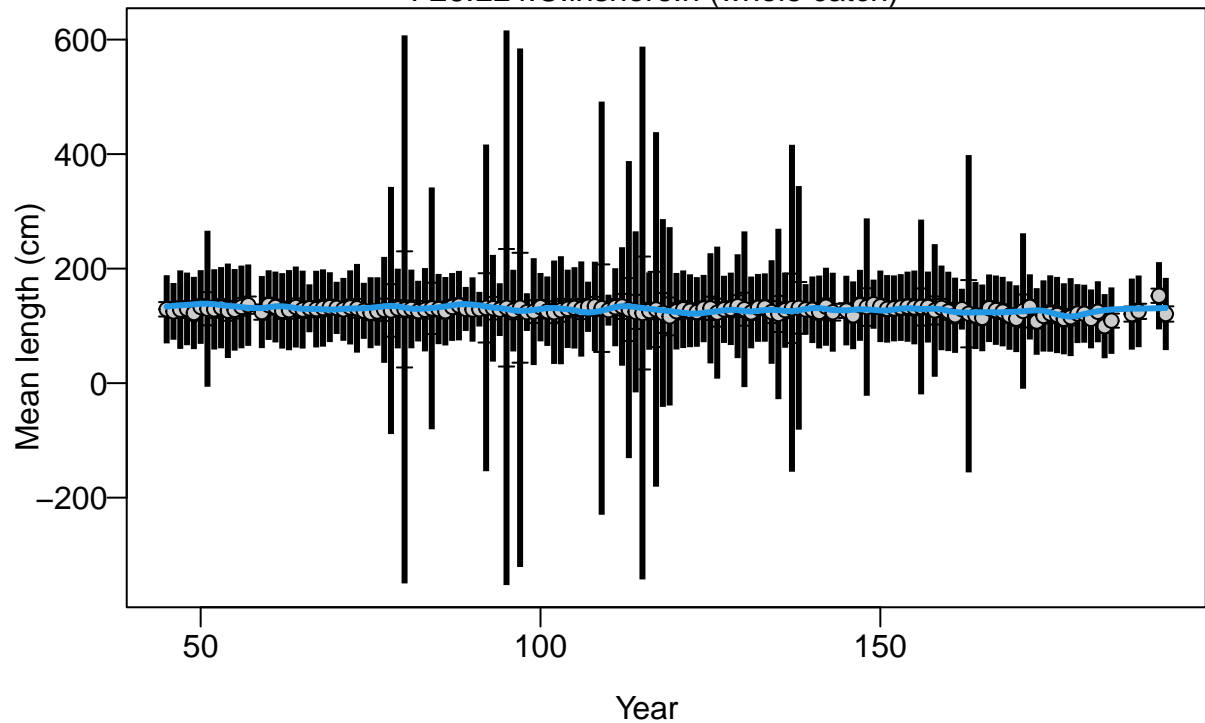
Length (cm)



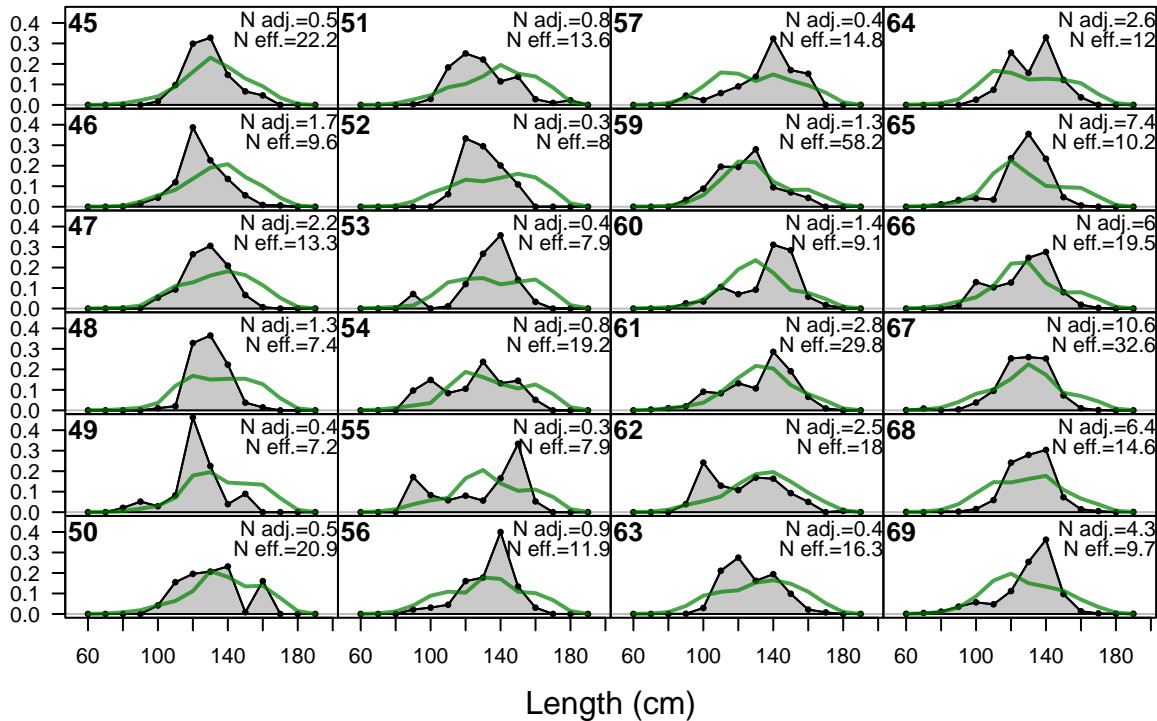
Effective sample size



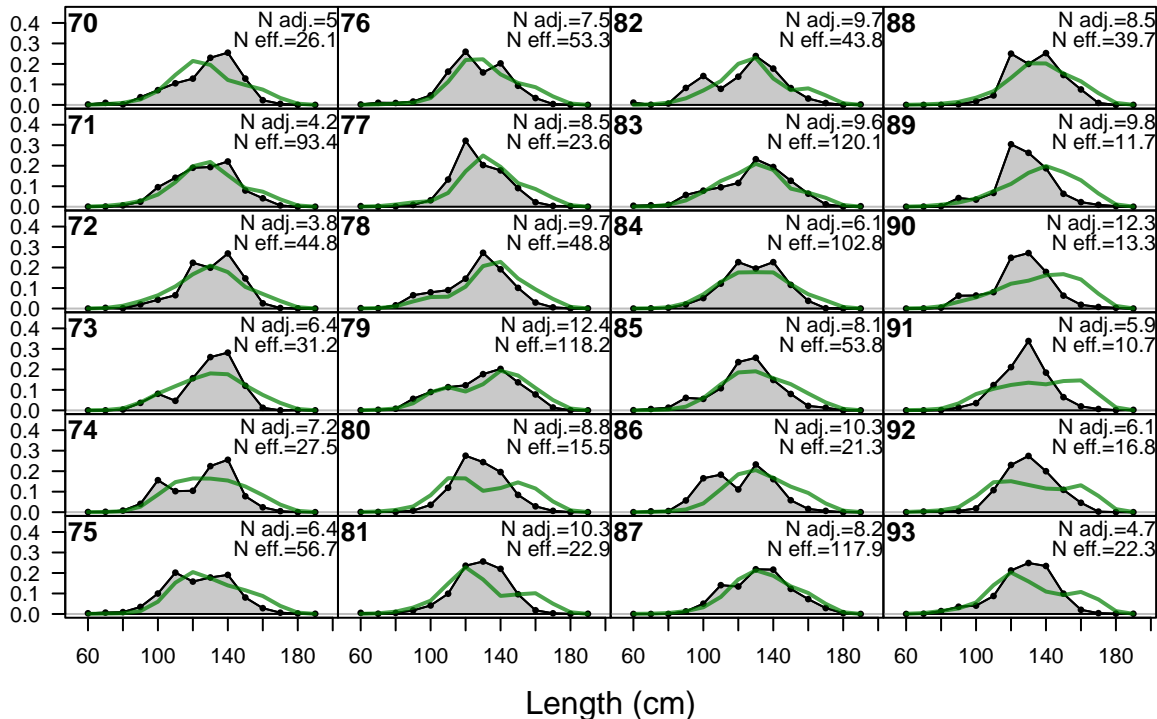
F26.LL4.C.inshore.n (whole catch)



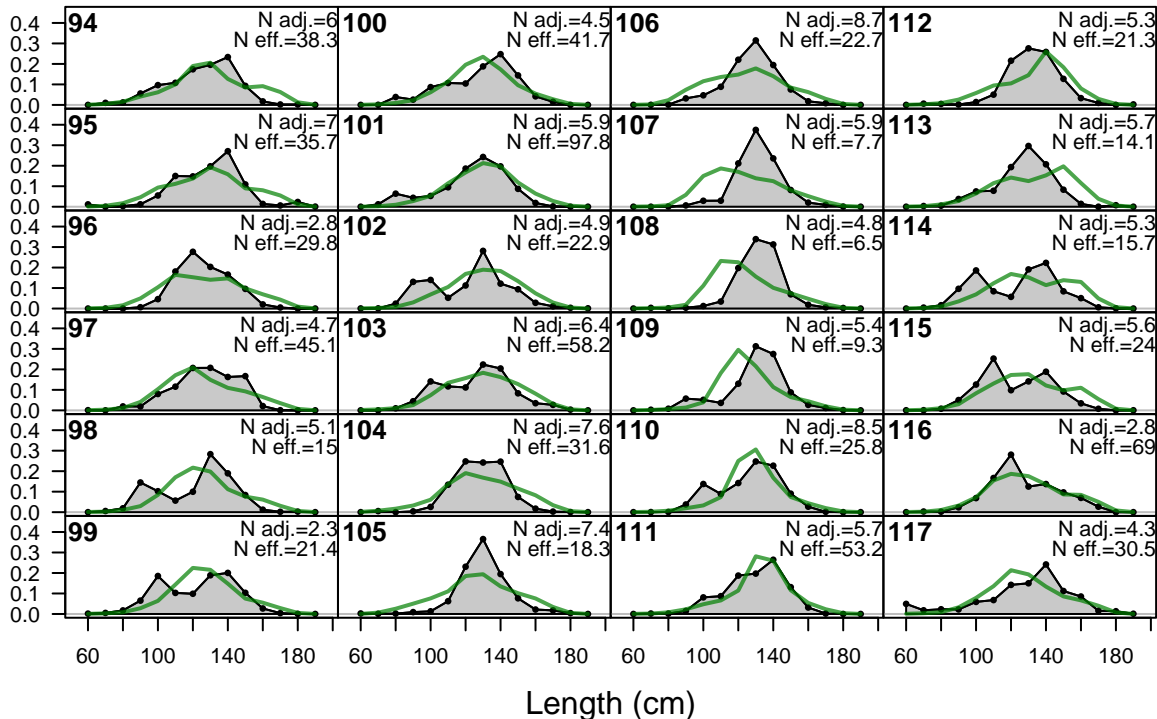
Proportion



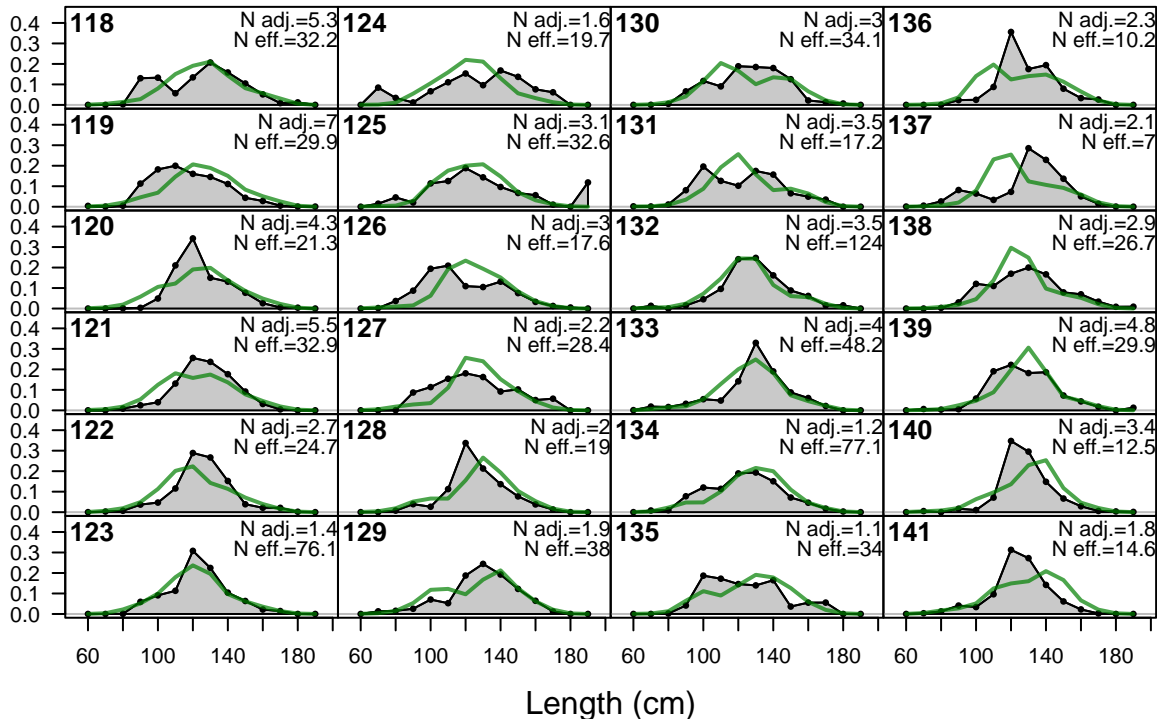
Proportion



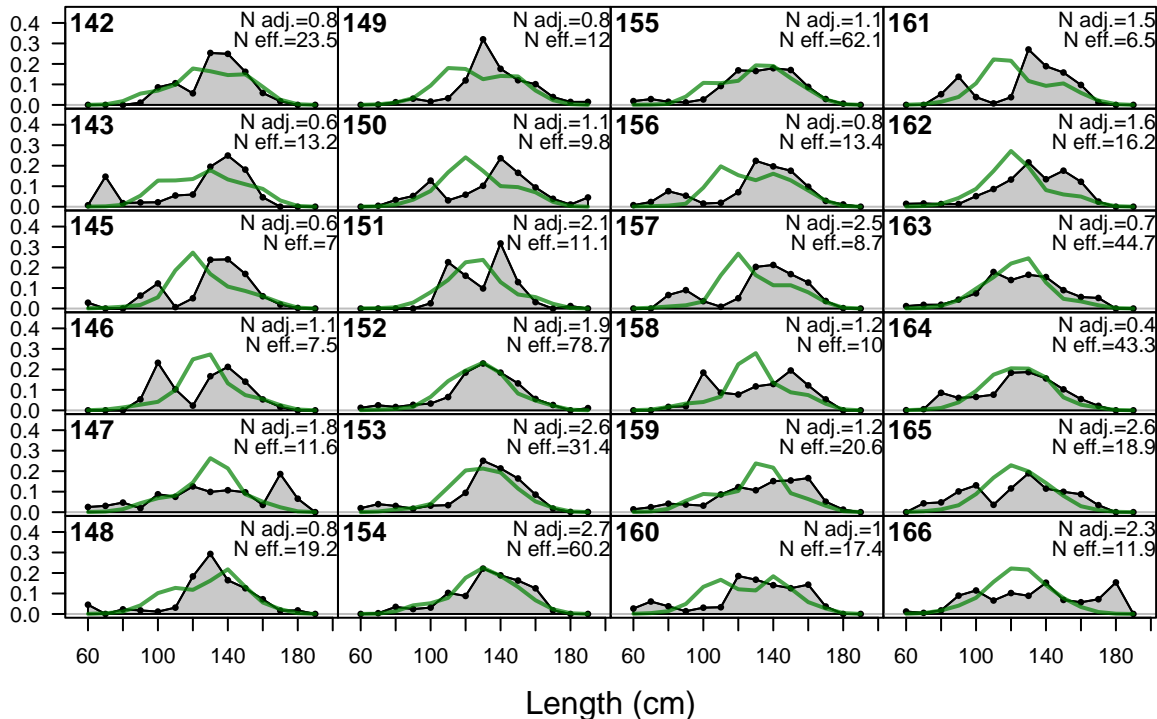
Proportion



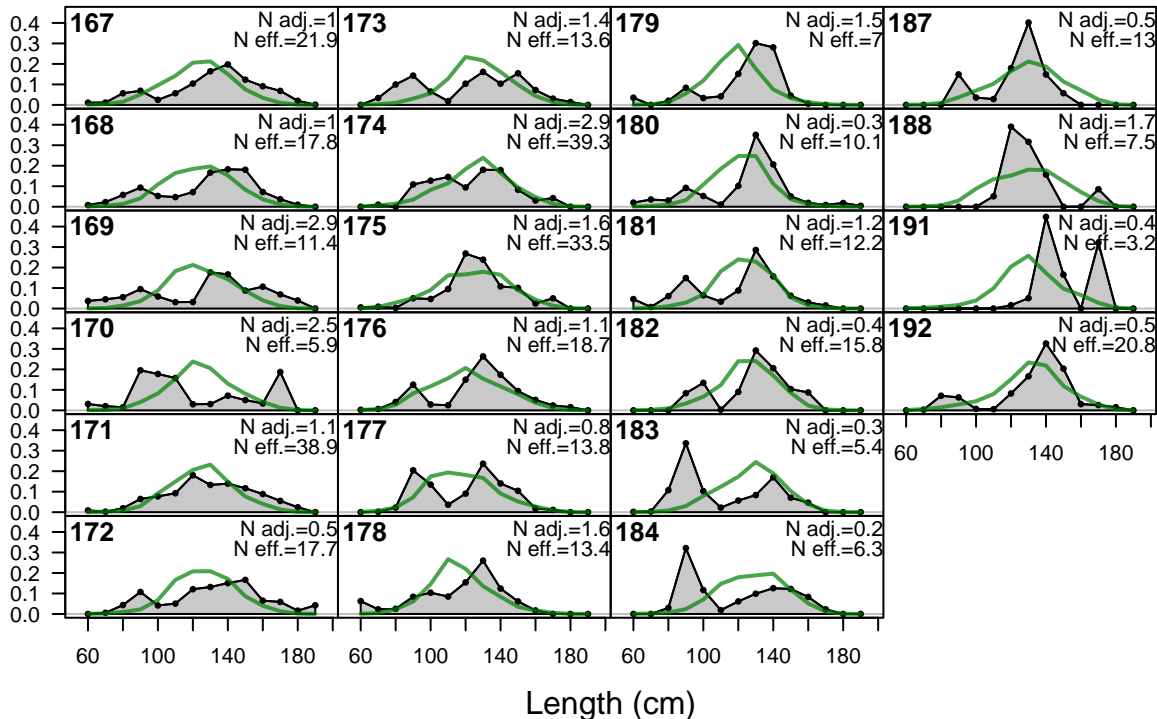
Proportion

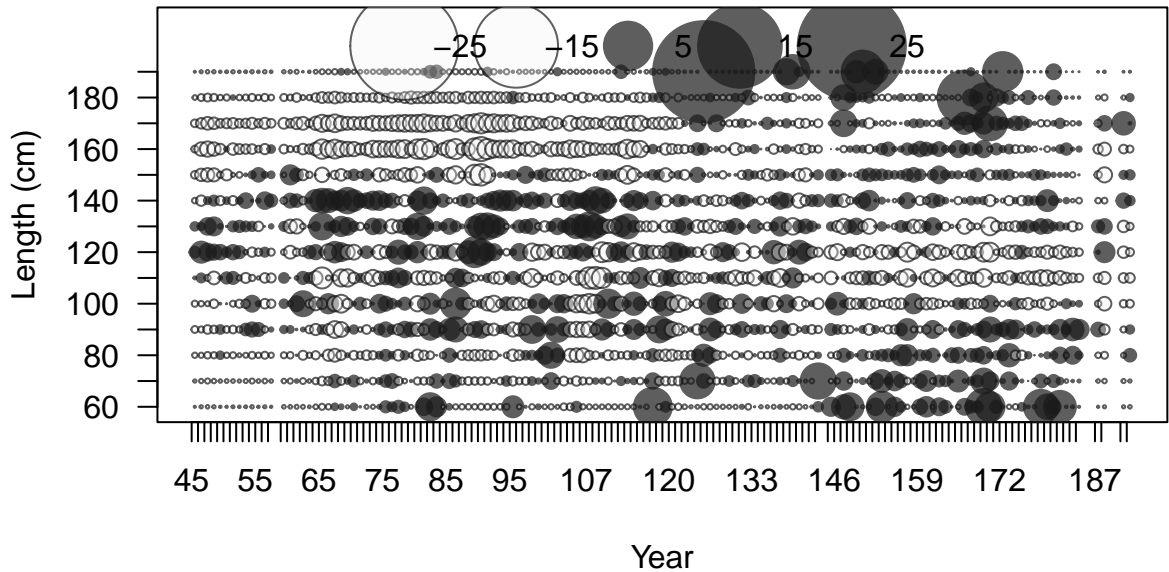


Proportion

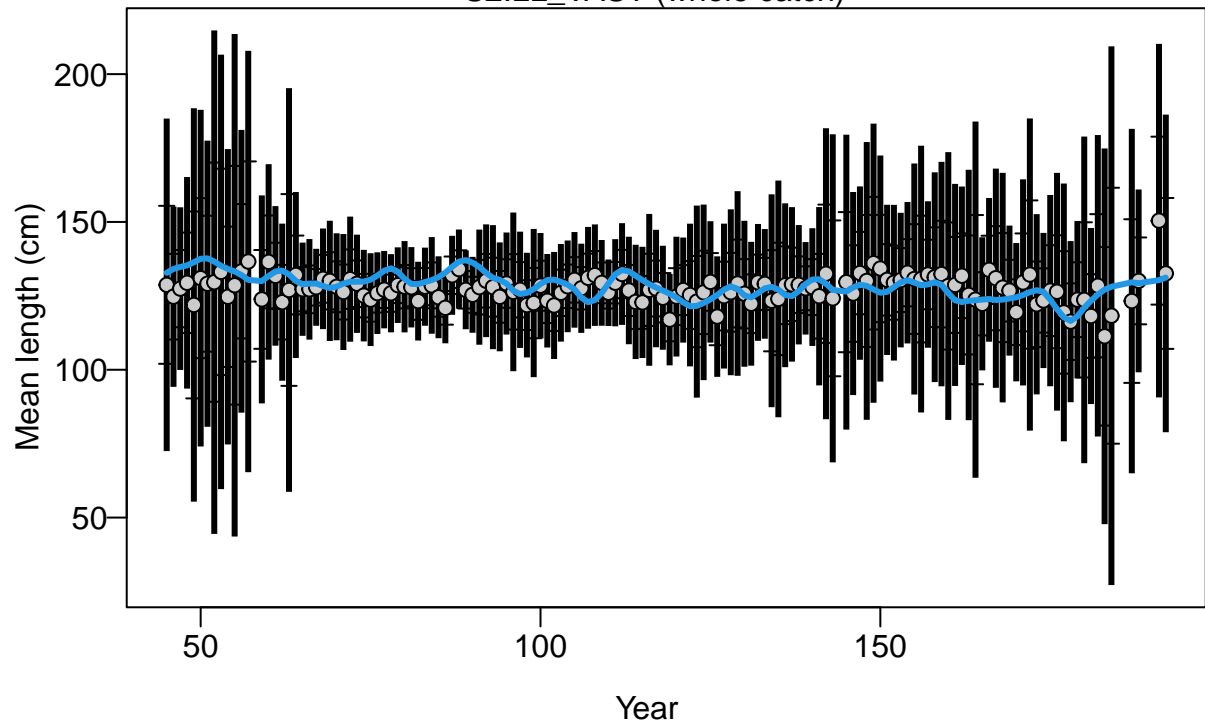


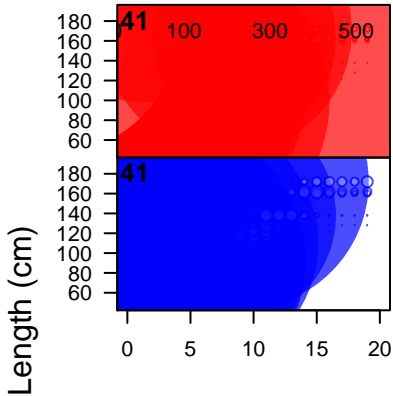
Proportion



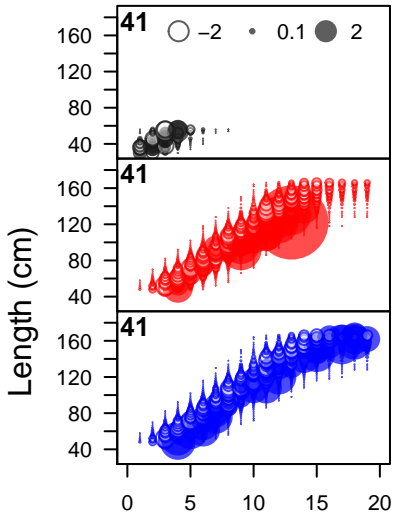


S2.LL_VAST (whole catch)

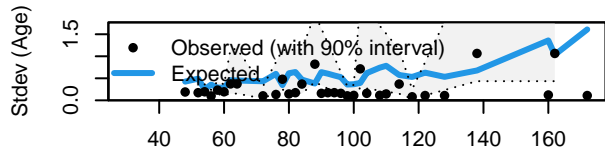
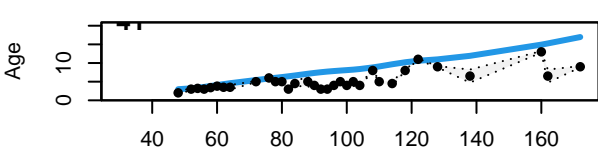




Age (yr)

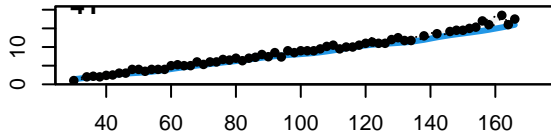


Age (yr)

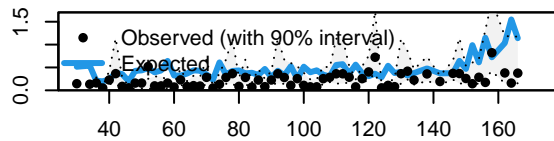


Length (cm)

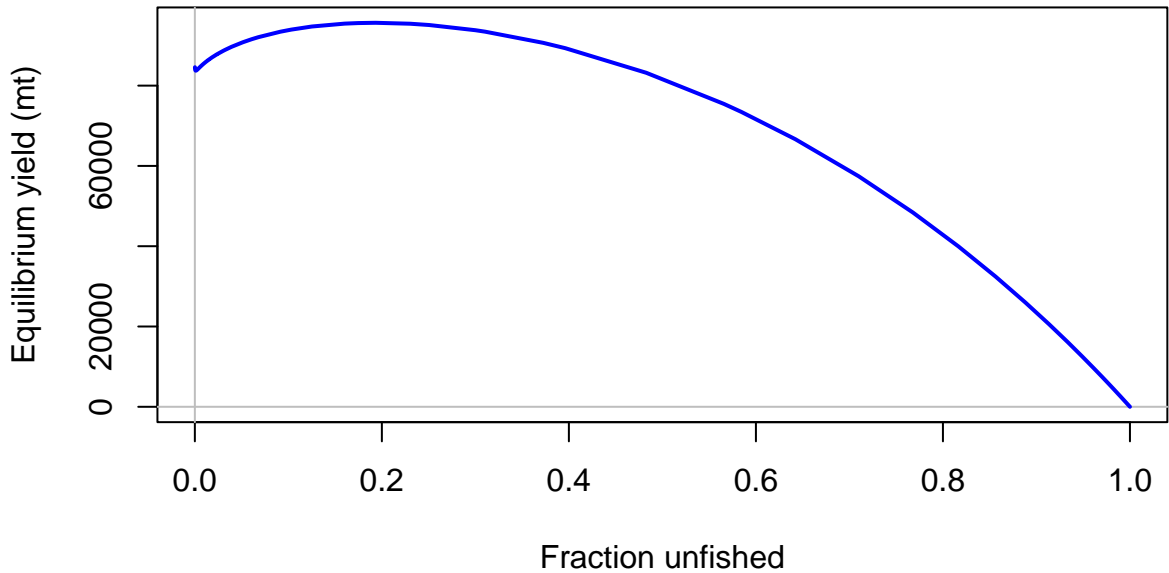
Age

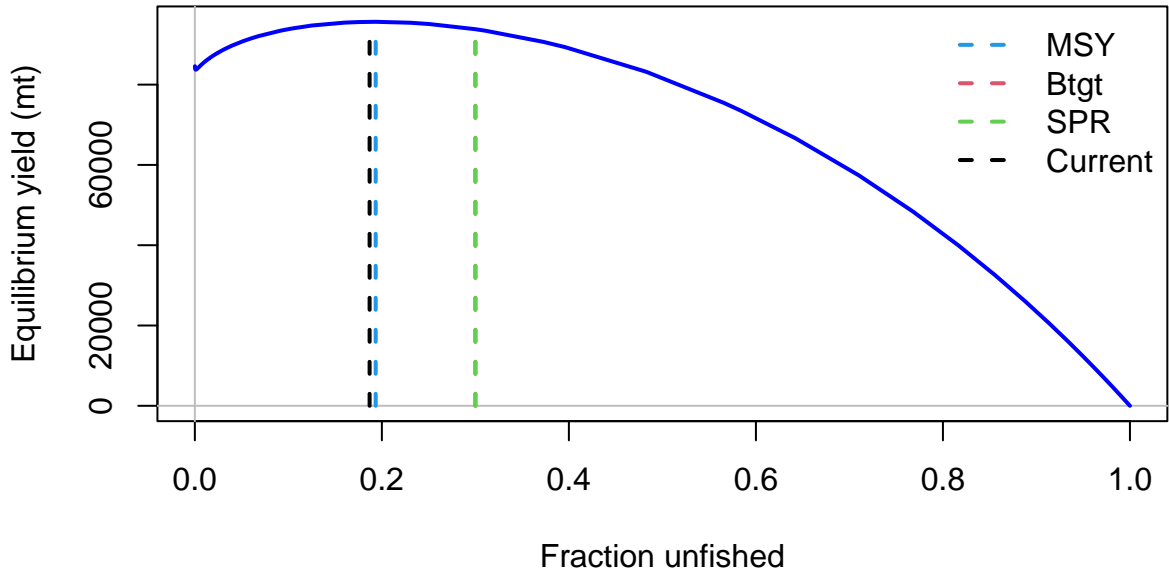


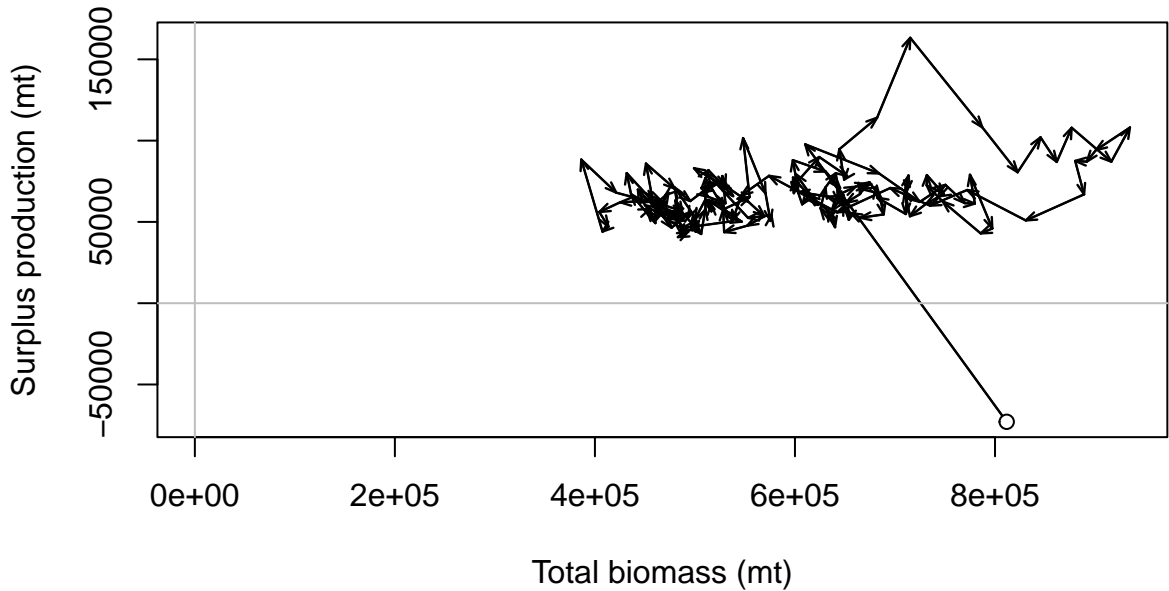
Stdev (Age)

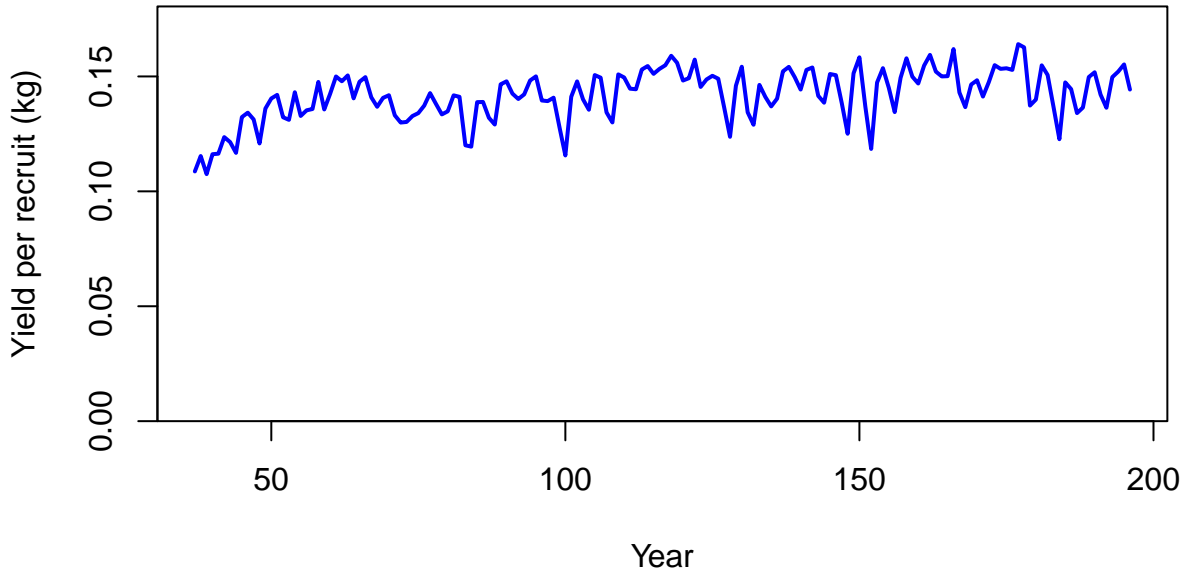


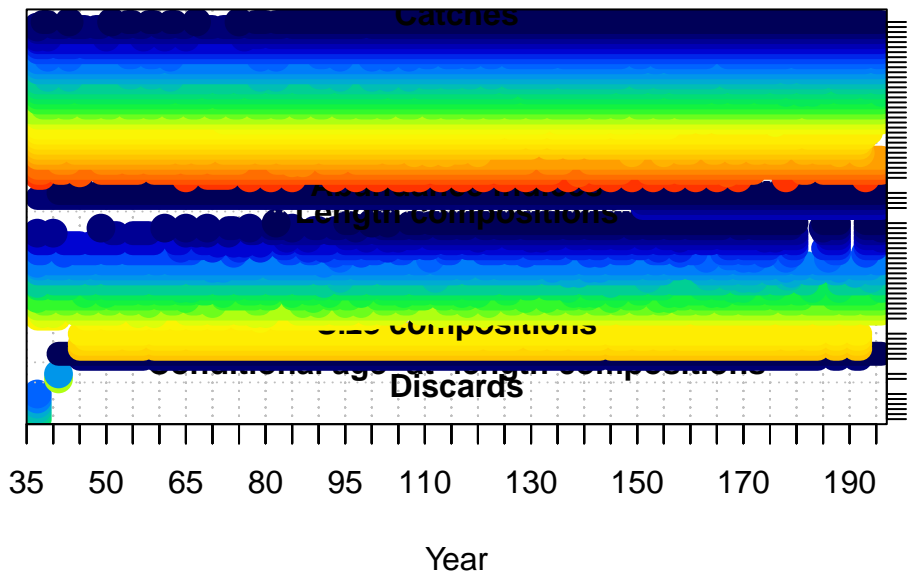
Length (cm)



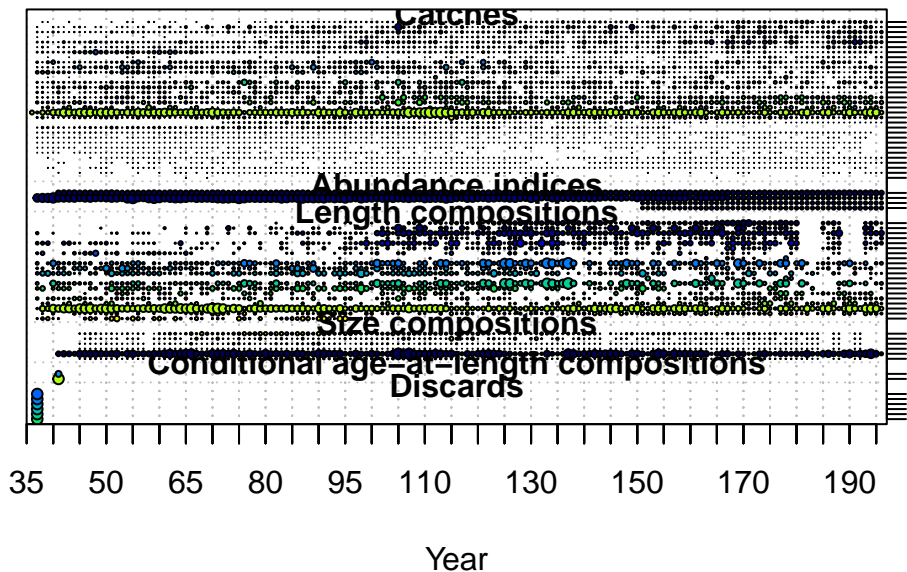






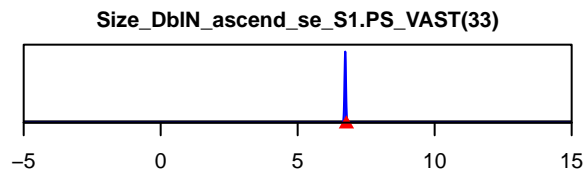
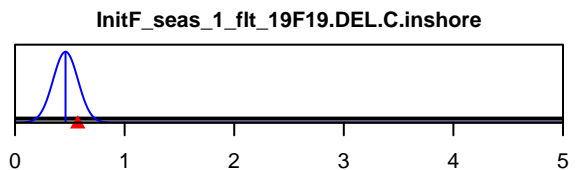
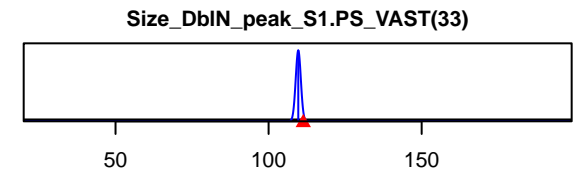
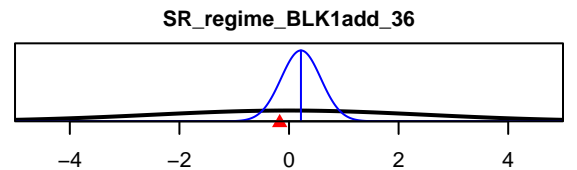
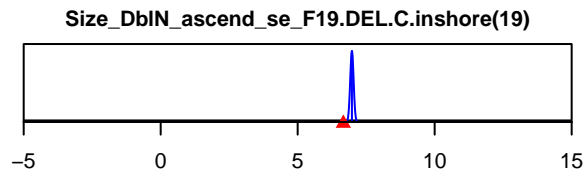
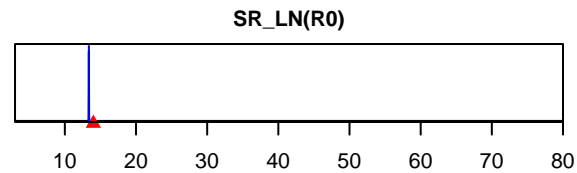
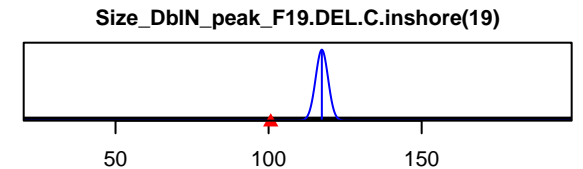
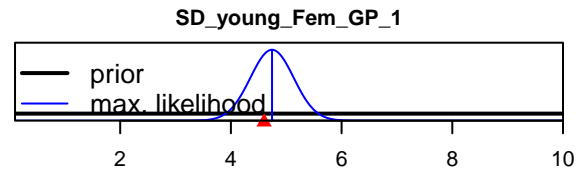


F6.OBJ.N.offshore
 F12.NOA.W.large
 F18.DEL.C.offshore
 F24.LL2.S.inshore.
 F30.LL3.C.offshore
 S2.LL_VAST
 F2.OBJ.S
 F8.NOA.W.small
 F15.NOA.N.large
 F22.BB
 F26.LL4.C.inshore.
 F19.DEL.C.inshore
 F15.NOA.N.large



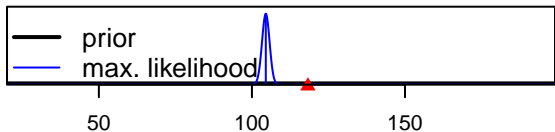
F6.OBJ.N.offshore
 F12.NOA.W.large
 F18.DEL.C.offshore
 F24.LL2.S.inshore.
 F30.LL3.C.offshore
 S2.LL_VAST
 F2.OBJ.S
 F8.NOA.W.small
 F15.NOA.N.large
 F22.BB
 F26.LL4.C.inshore.
 F19.DEL.C.inshore
 F15.NOA.N.large

Density

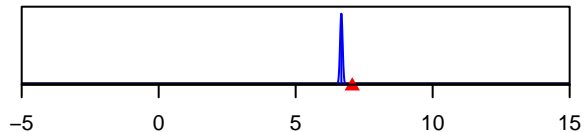


Parameter value

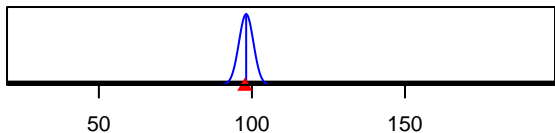
Size_DbIN_peak_F19.DEL.C.inshore(19)_BLK2repl_36



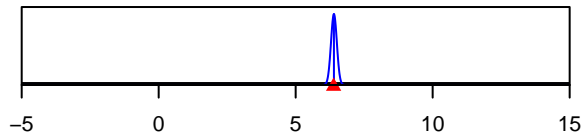
Size_DbIN_ascend_se_F19.DEL.C.inshore(19)_BLK2repl_36



Size_DbIN_peak_F19.DEL.C.inshore(19)_BLK2repl_111

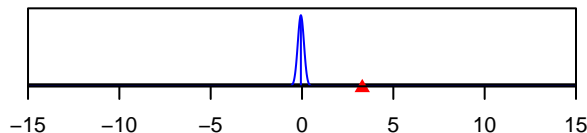


Size_DbIN_ascend_se_F19.DEL.C.inshore(19)_BLK2repl_111

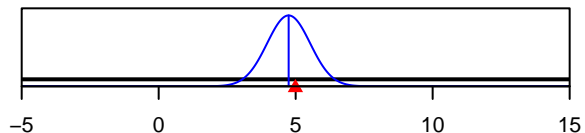


Density

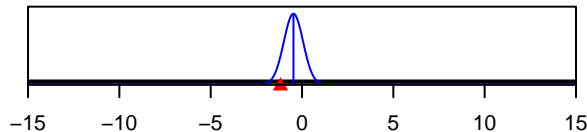
Size_DbIN_top_logit_F19.DEL.C.inshore(19)_BLK2repl_36



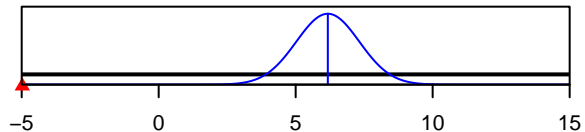
Size_DbIN_descend_se_F19.DEL.C.inshore(19)_BLK2repl_36



Size_DbIN_top_logit_F19.DEL.C.inshore(19)_BLK2repl_111

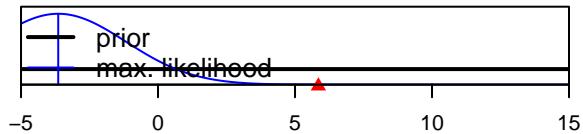


Size_DbIN_descend_se_F19.DEL.C.inshore(19)_BLK2repl_111

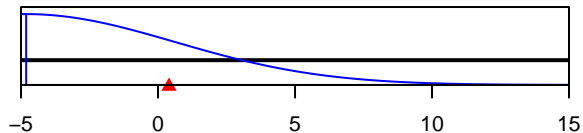


Parameter value

Size_DbIN_end_logit_F19.DEL.C.inshore(19)_BLK2repl_36



Size_DbIN_end_logit_F19.DEL.C.inshore(19)_BLK2repl_111



Density

Parameter value