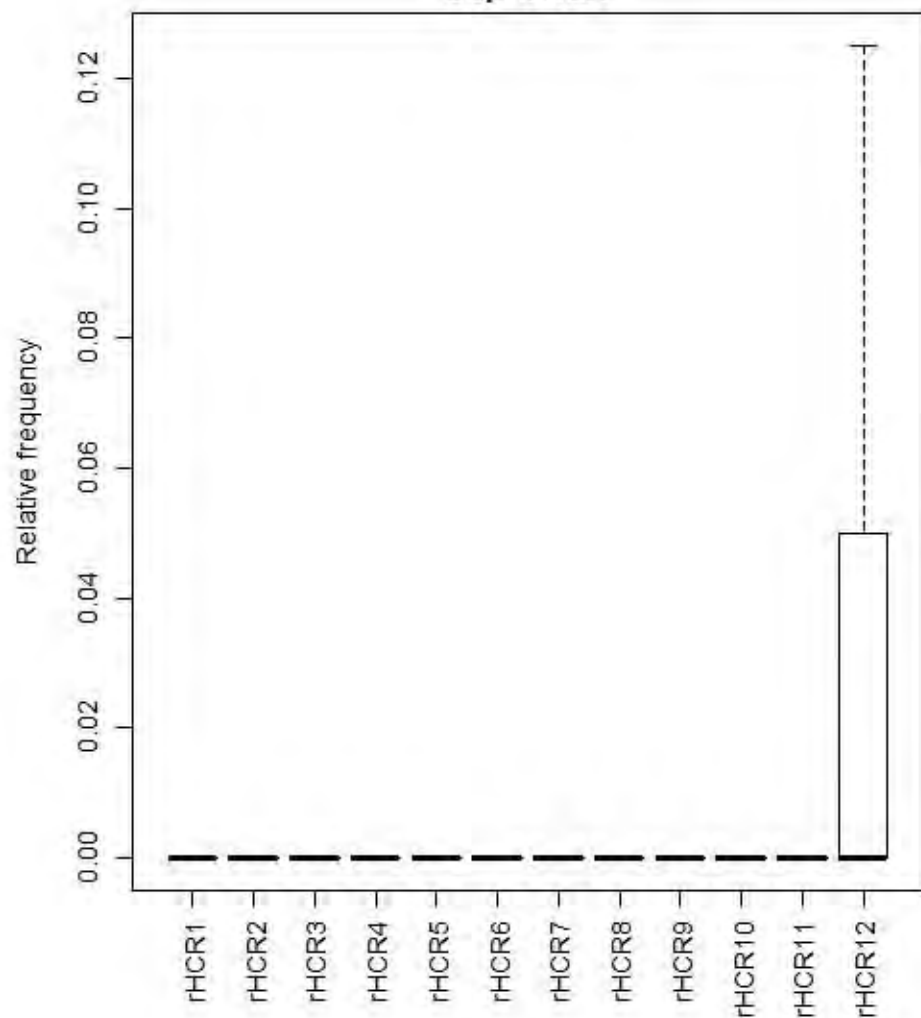
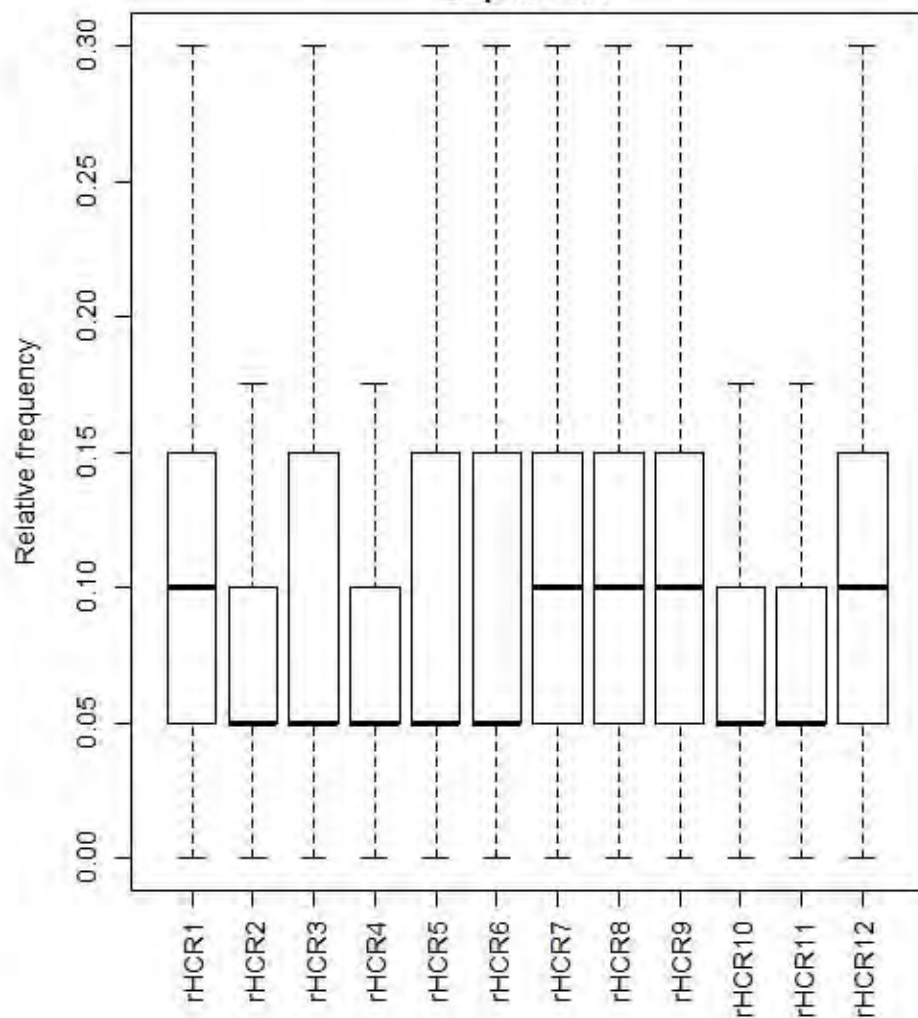
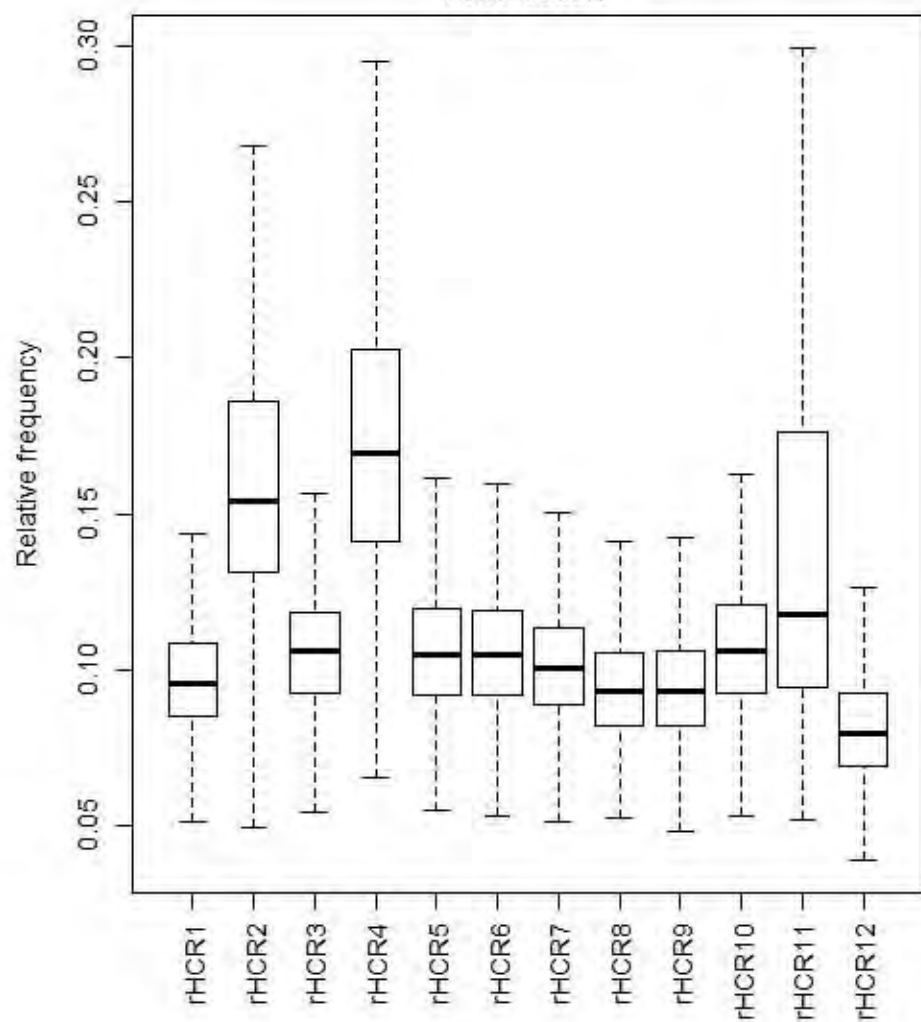
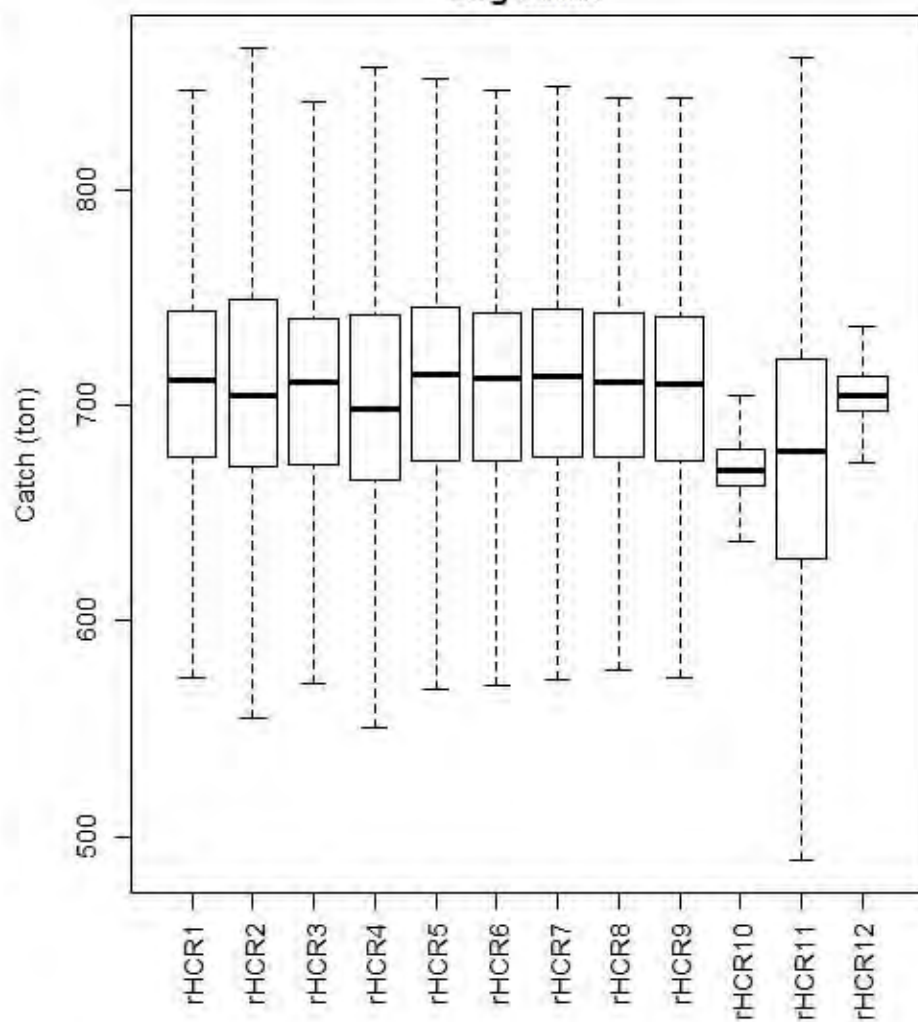
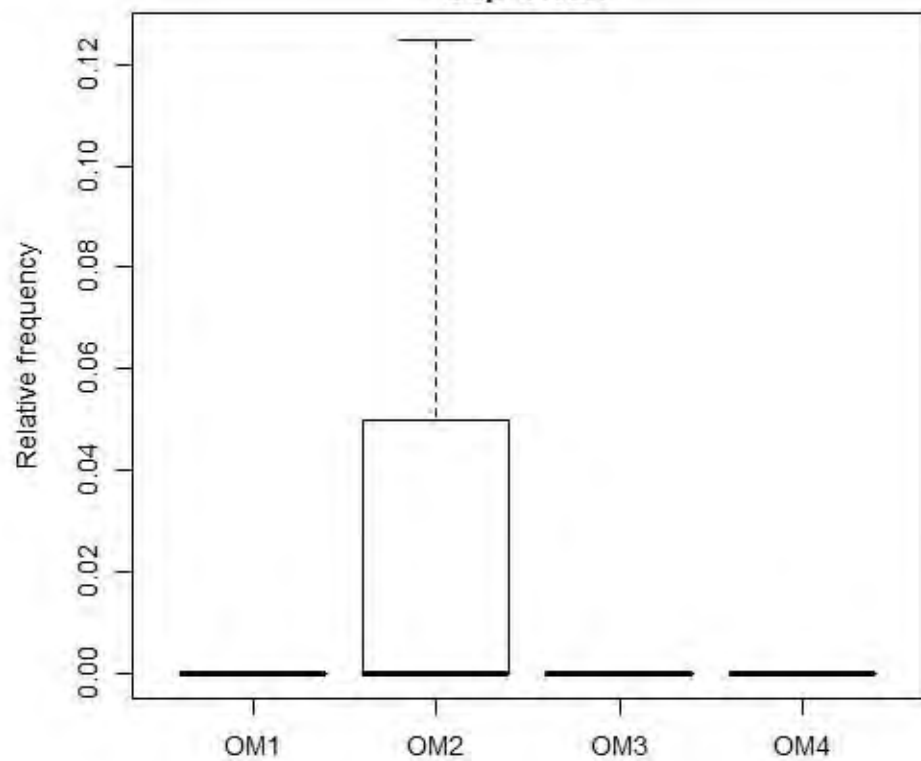
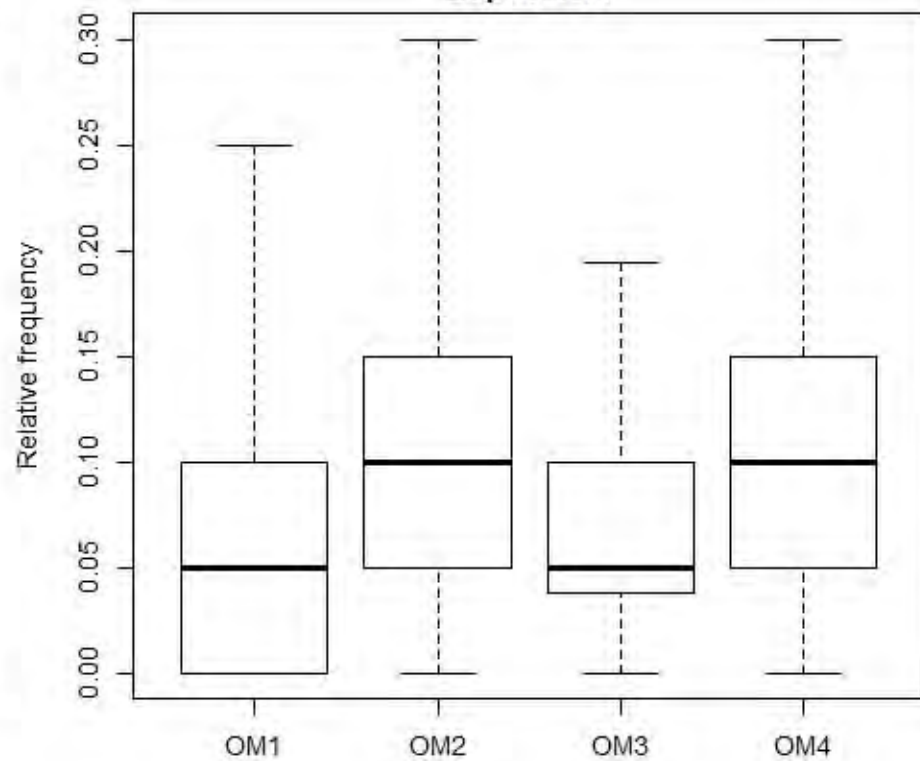
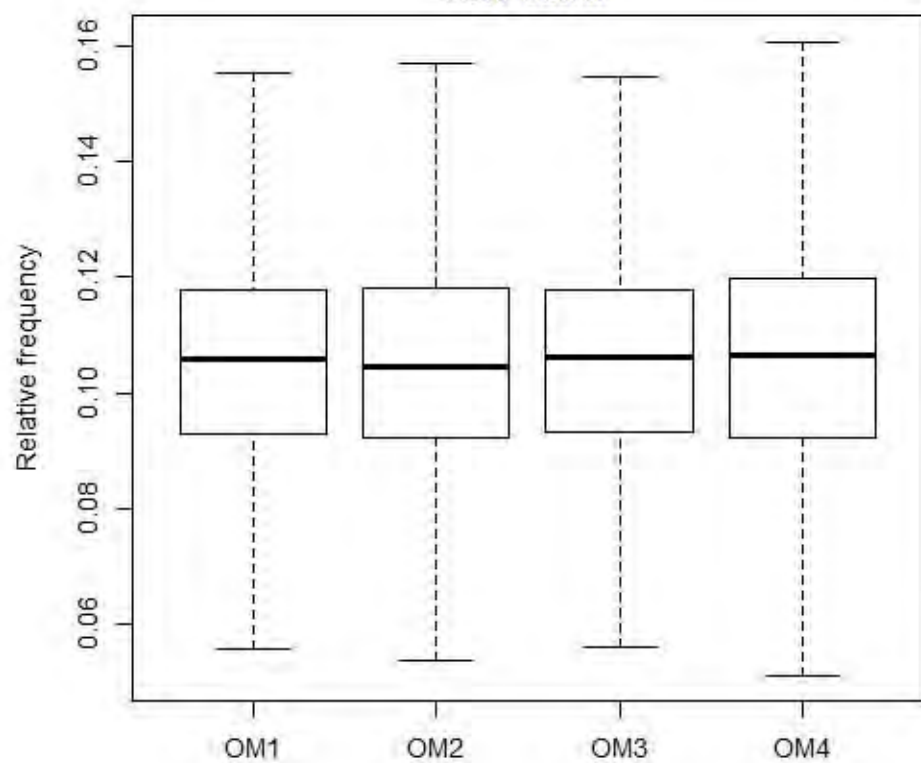
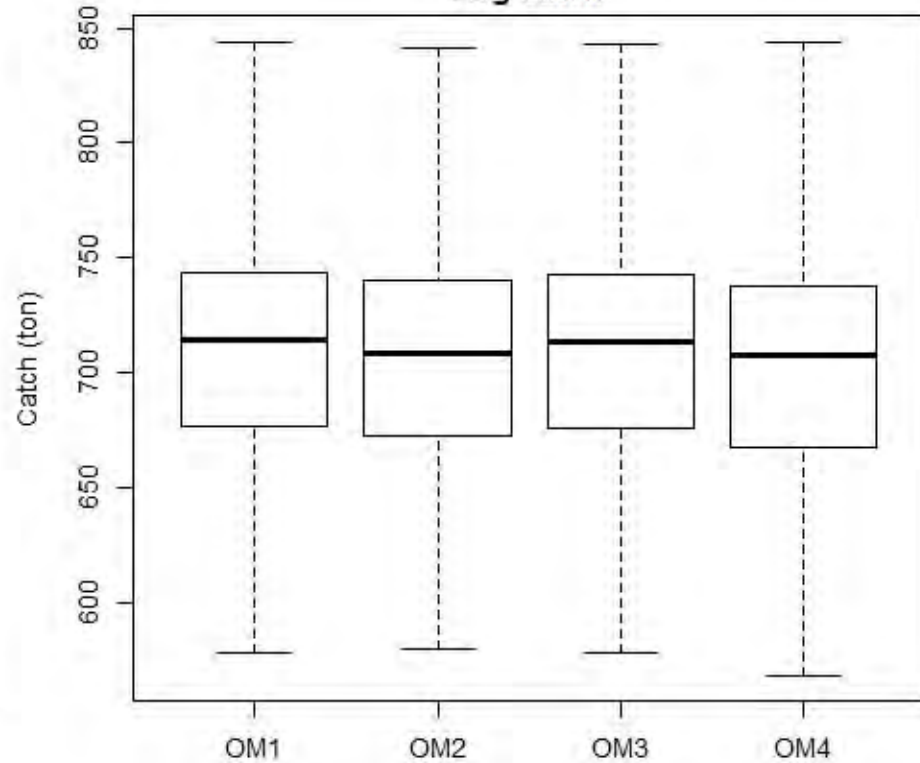


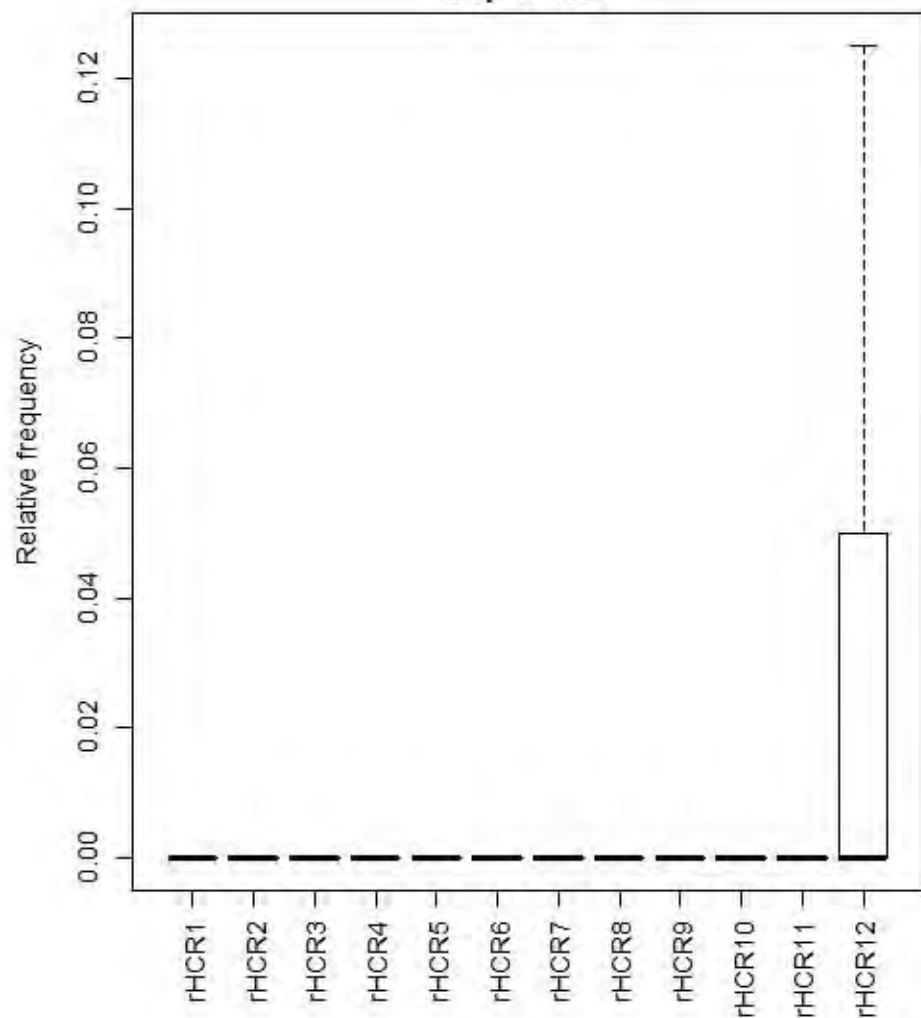
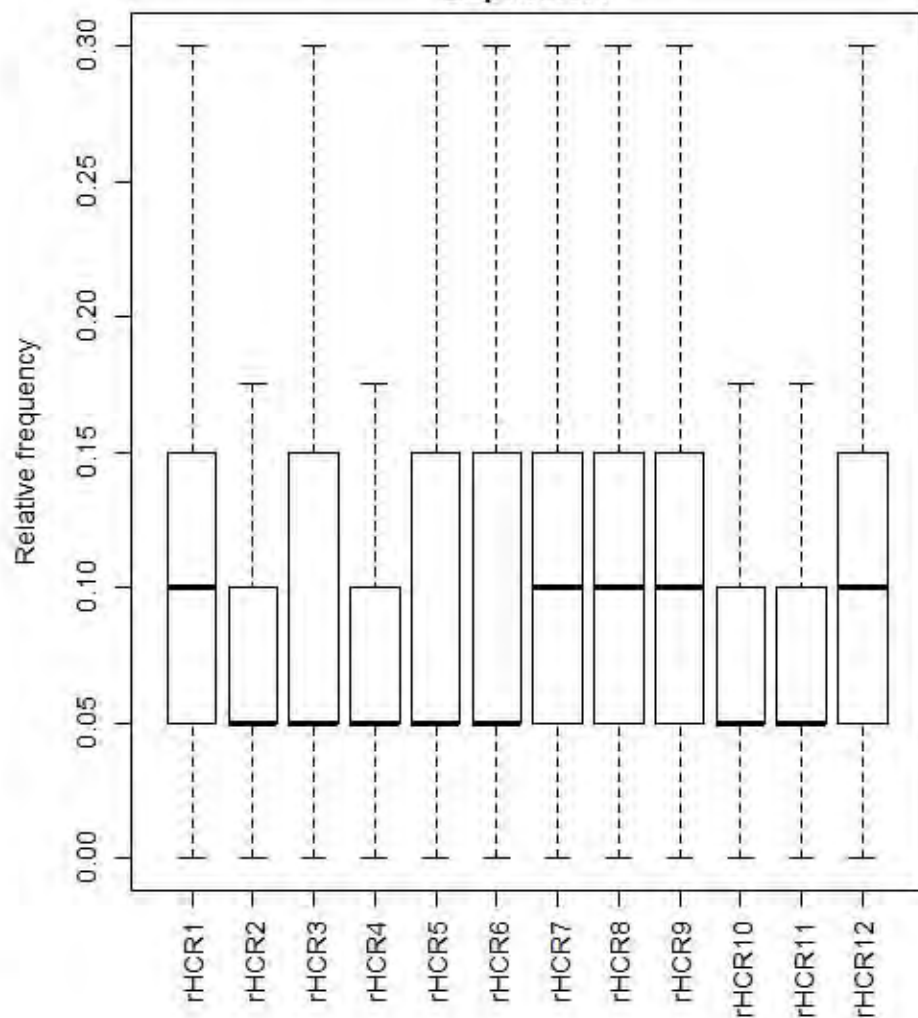
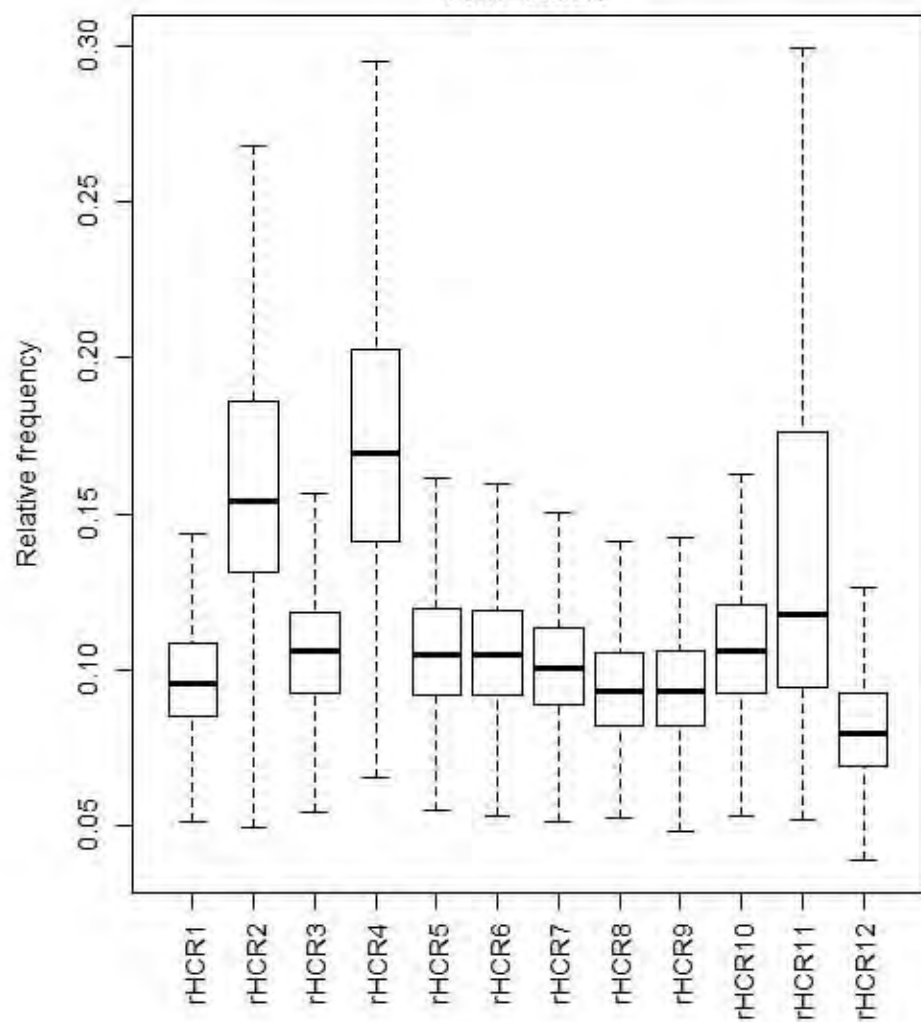
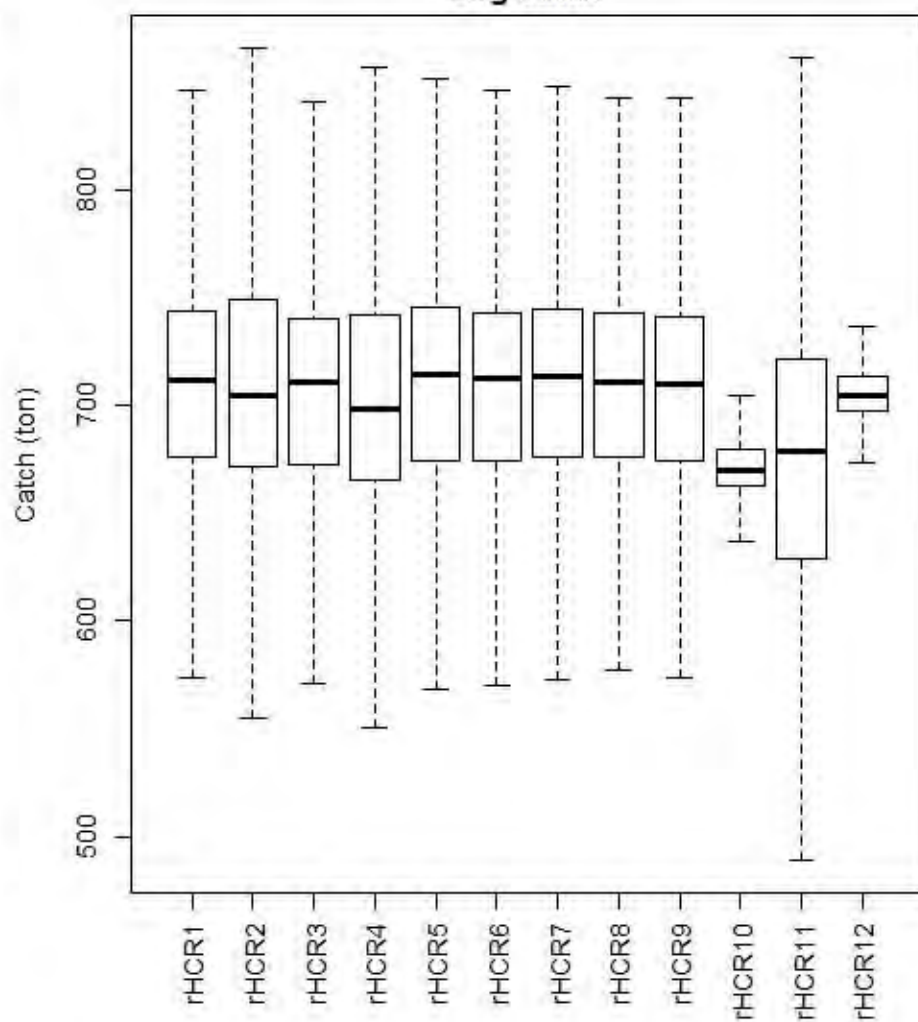
Summary of TRL TAC setting process and development of Harvest Control Rules (HCR) for use under quota management

Appendix 6 Full Results for revised TRL HCRs 1-12

	Name	Description	Details	Forecast parameter
1	HCR1	Constant Catch 600		
2	HCR2	Constant Catch 800		
3	HCR3	Constant Catch 400		
4	HCR4	Pre1	$(1+\ln(\text{slope_Pre})) \times \text{Catch_ave_5yrs}$	0.85
5	HCR5	Pre2	$(1+\ln(\text{slope_Pre})) \times \text{Catch_ave_3yrs}$	0.85
6	HCR6	Pre3	$(1+(\text{slope_Pre})) \times \text{Catch_ave_5yrs}$	0.85
7	HCR7	Pre4	$(1+(\text{slope_Pre})) \times \text{Catch_ave_3yrs}$	0.85
8	HCR8	All (Pre1, Pre0, CPUE_TVH, CPUE_TIB)	(slopes last 5 yrs); Catch_ave_5yrs; weightings(Pre1;Pre0;CPUE_TVH;CPUE_TIB)=(0.6;0.1;0.15;0.15)	0.85
9	HCR9	All (Pre1, Pre0, CPUE_TVH, CPUE_TIB)	(slopes last 5 yrs); Catch_ave_5yrs; weightings(Pre1;Pre0;CPUE_TVH;CPUE_TIB)=(0.8;0.1;0.05;0.05)	0.85
10	HCR10	All (Pre1, Pre0, CPUE_TVH, CPUE_TIB)	Ln(slopes last 5 yrs); Catch_ave_5yrs; weightings(Pre1;Pre0;CPUE_TVH;CPUE_TIB)=(0.6;0.1;0.15;0.15)	0.85
11	HCR11	All (Pre1, Pre0, CPUE_TVH, CPUE_TIB)	Ln(slopes last 5 yrs); Catch_ave_5yrs; weightings(Pre1;Pre0;CPUE_TVH;CPUE_TIB)=(0.8;0.1;0.05;0.05)	0.85
12	HCR12	No PreSeas	(slopes last 5 yrs); Catch_ave_5yrs; weightings(Pre1;Pre0;CPUE_TVH;CPUE_TIB)=(0.0;0.0.0;0.5;0.5)	0.85
	Revised HCR			
13	RHCR1	All (Pre1, Pre0, CPUE_TVH, CPUE_TIB)	Ln(slopes last 5 yrs); Catch_ave_5yrs; weightings(Pre1;Pre0;CPUE_TVH;CPUE_TIB)=(0.6;0.1;0.15;0.15)	1
14	RHCR2	All (Pre1, Pre0, CPUE_TVH, CPUE_TIB)	(slopes last 5 yrs); Catch_ave_5yrs; weightings(Pre1;Pre0;CPUE_TVH;CPUE_TIB)=(0.6;0.1;0.15;0.15)	1
15	RHCR3	All (Pre1, Pre0, CPUE_TVH, CPUE_TIB)	Ln(slopes last 5 yrs); Catch_ave_5yrs; weightings(Pre1;Pre0;CPUE_TVH;CPUE_TIB)=(0.6;0.3;0.05;0.05)	1
16	RHCR4	All (Pre1, Pre0, CPUE_TVH, CPUE_TIB)	(slopes last 5 yrs); Catch_ave_5yrs; weightings(Pre1;Pre0;CPUE_TVH;CPUE_TIB)=(0.6;0.3;0.05;0.05)	1
17	RHCR5	All (Pre1, Pre0, CPUE_TVH, CPUE_TIB)	Ln(slopes last 5 yrs); Catch_ave_5yrs; weightings(Pre1;Pre0;CPUE_TVH;CPUE_TIB)=(0.8;0.1;0.05;0.05)	1
18	RHCR6	All (Pre1, Pre0, CPUE_TVH, CPUE_TIB)	Ln(slopes last 5 yrs); Catch_ave_5yrs; weightings(Pre1;Pre0;CPUE_TVH;CPUE_TIB)=(0.7;0.2;0.05;0.05)	0.85
19	RHCR7	All (Pre1, Pre0, CPUE_TVH, CPUE_TIB)	Ln(slopes last 5 yrs); Catch_ave_5yrs; weightings(Pre1;Pre0;CPUE_TVH;CPUE_TIB)=(0.7;0.1;0.1;0.1)	0.85
20	RHCR8	All (Pre1, Pre0, CPUE_TVH, CPUE_TIB)	Ln(slopes last 5 yrs); Catch_ave_5yrs; weightings(Pre1;Pre0;CPUE_TVH;CPUE_TIB)=(0.5;0.1;0.2;0.2)	0.85
21	RHCR9	All (Pre1, Pre0, CPUE_TVH, CPUE_TIB)	Ln(slopes last 5 yrs); Catch_ave_5yrs; weightings(Pre1;Pre0;CPUE_TVH;CPUE_TIB)=(0.41;0.21;0.19;0.19) - inverse of sigma	0.85
22	RHCR10	All (Pre1, Pre0, CPUE_TVH, CPUE_TIB)	Ln(slopes last 5 yrs); Catch_ave= 665t ; weightings(Pre1;Pre0;CPUE_TVH;CPUE_TIB)=(0.6;0.1;0.15;0.15)	1
23	RHCR11	All (Pre1, Pre0, CPUE_TVH, CPUE_TIB)	Ln(slopes last 5 yrs); Catch_ave_5yrs; weightings(Pre1;Pre0;CPUE_TVH;CPUE_TIB)=(0.6;0.1;0.15;0.15); HOCKEY RULE	Surv_lim=0.8; 1 Surv_trig=1.25
24	RHCR12	Constant Catch 700		

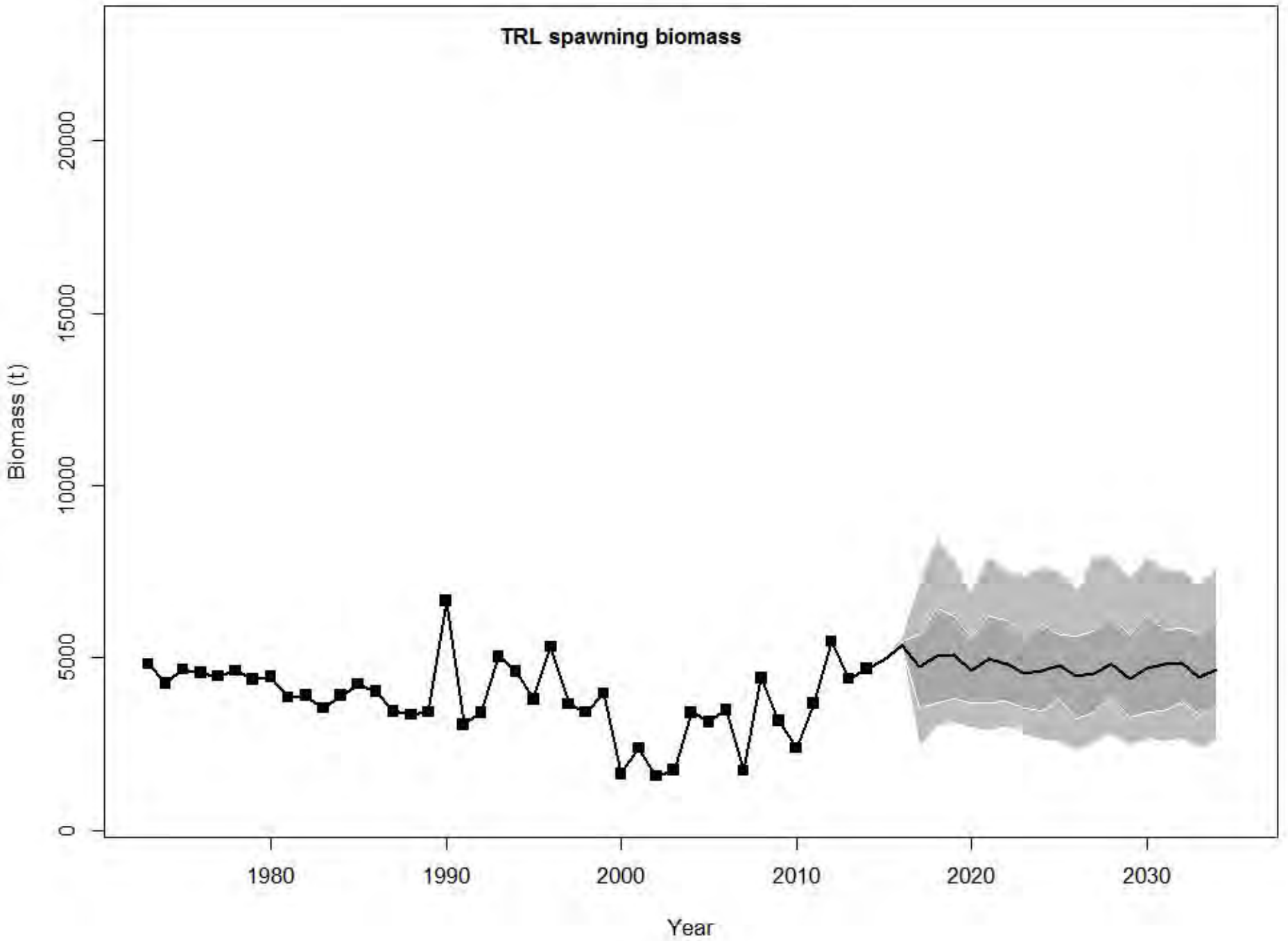
Bsp<0.32K**Bsp<0.48K****AAV catch****Avg catch**

Bsp<0.32K**Bsp<0.48K****AAV catch****Avg catch**

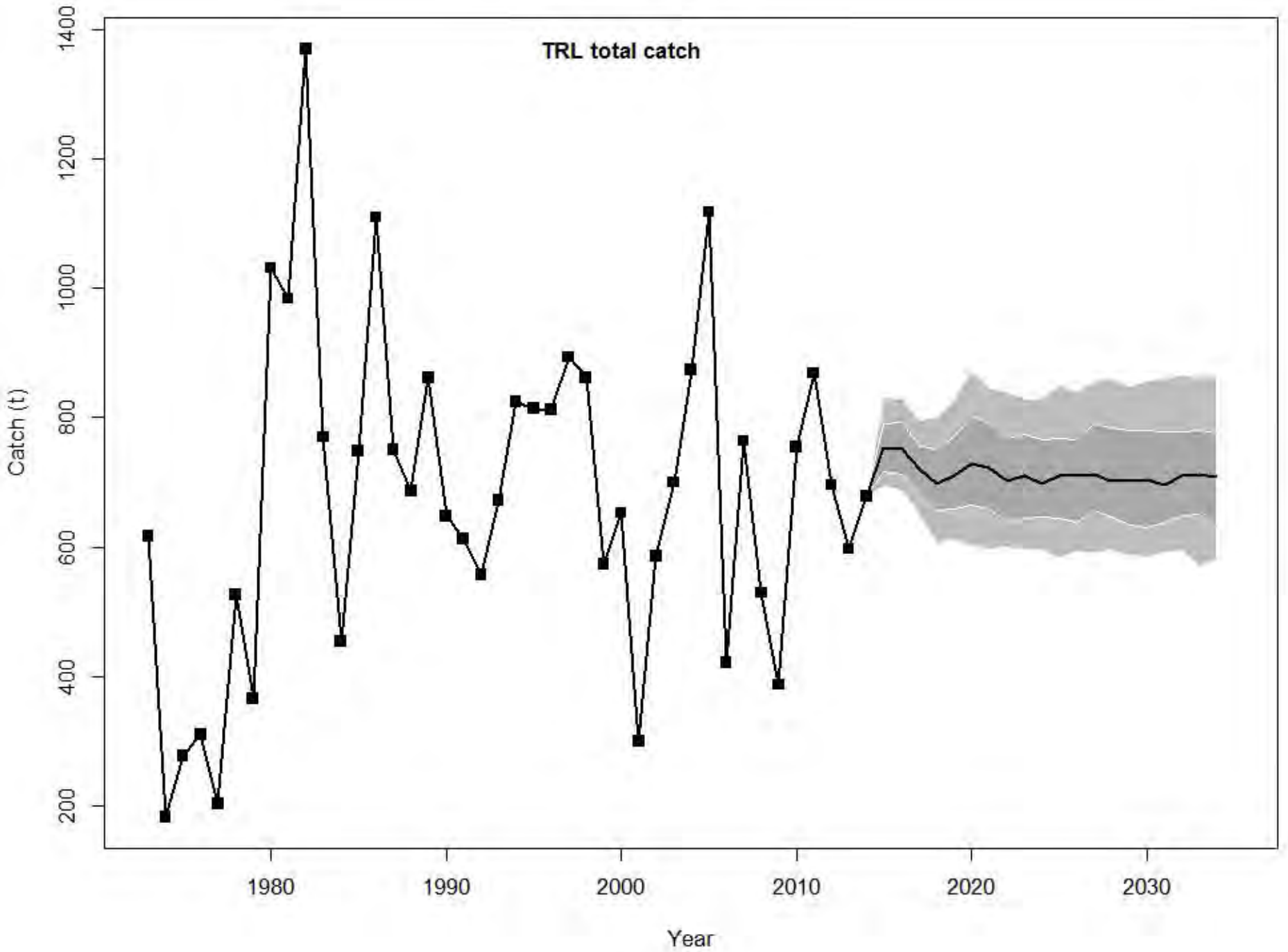
Bsp<0.32K**Bsp<0.48K****AAV catch****Avg catch**

**HARVEST
CONTROL
RULE
SCENARIO 1**

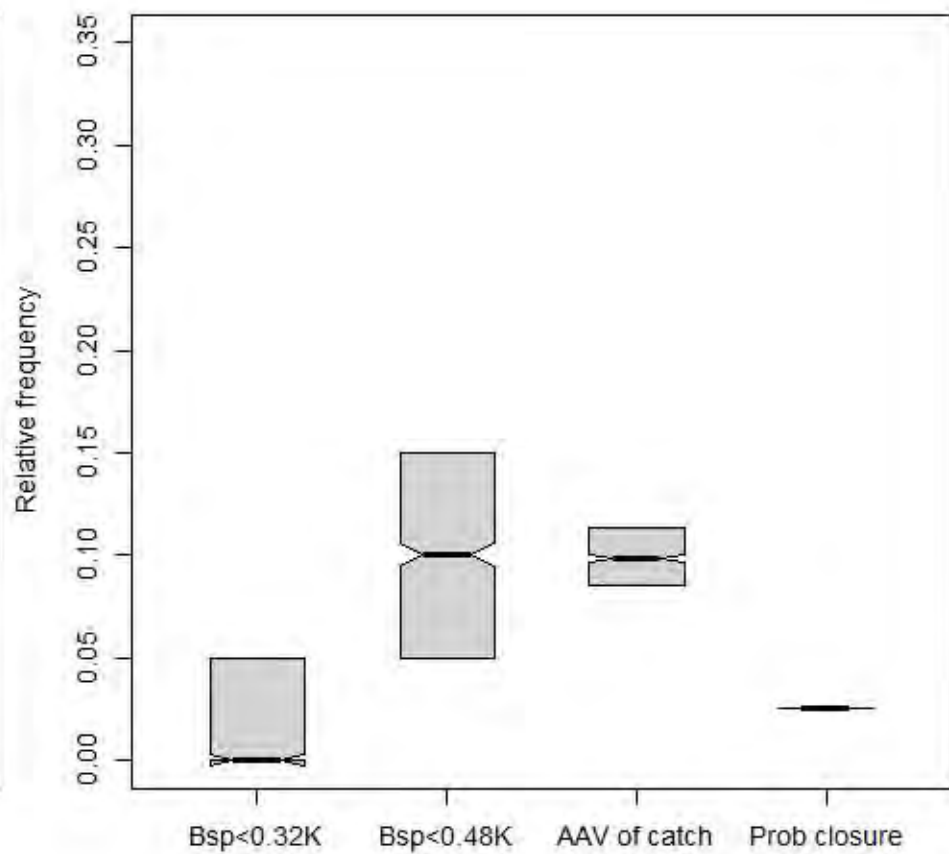
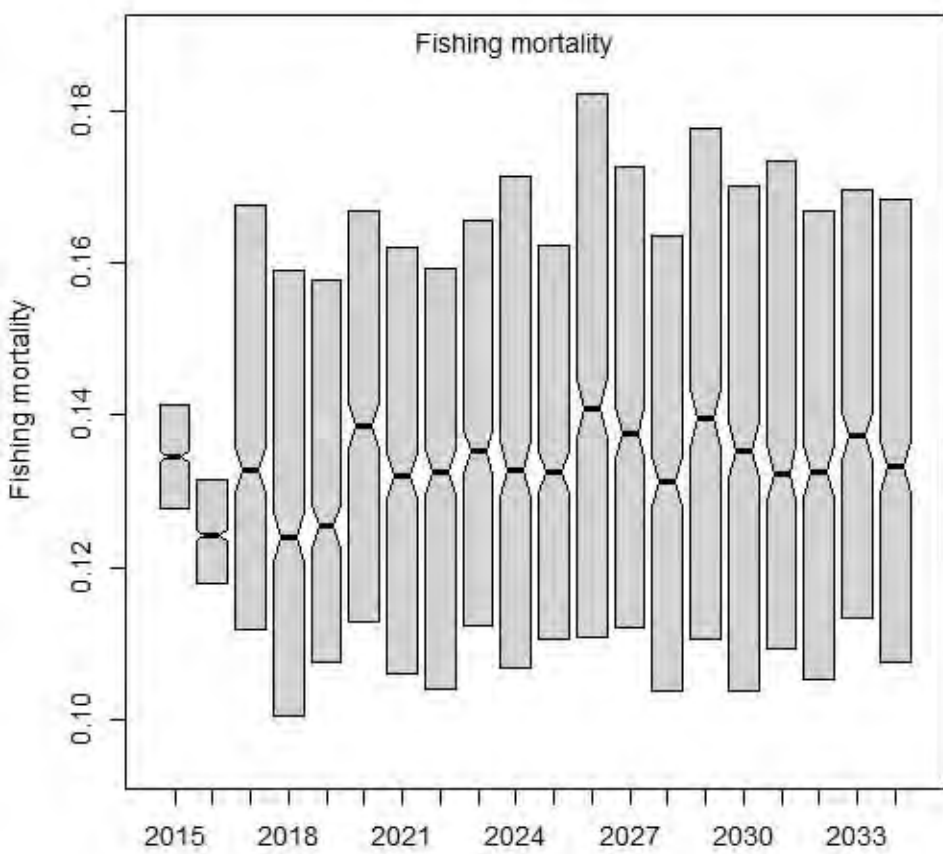
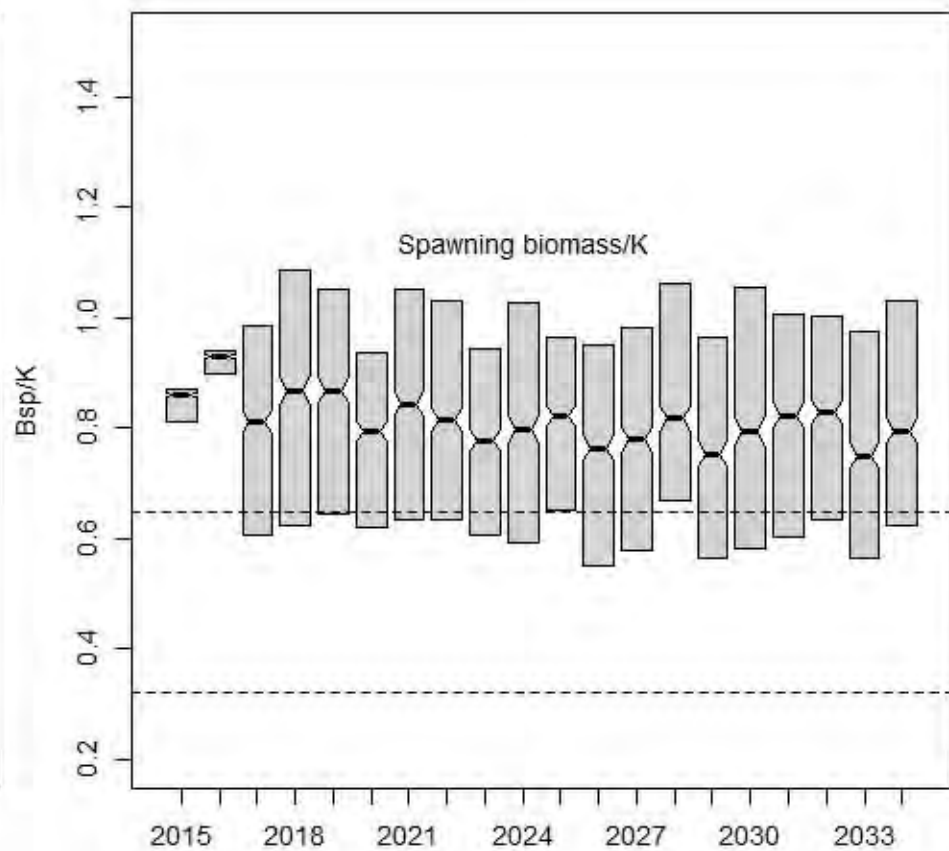
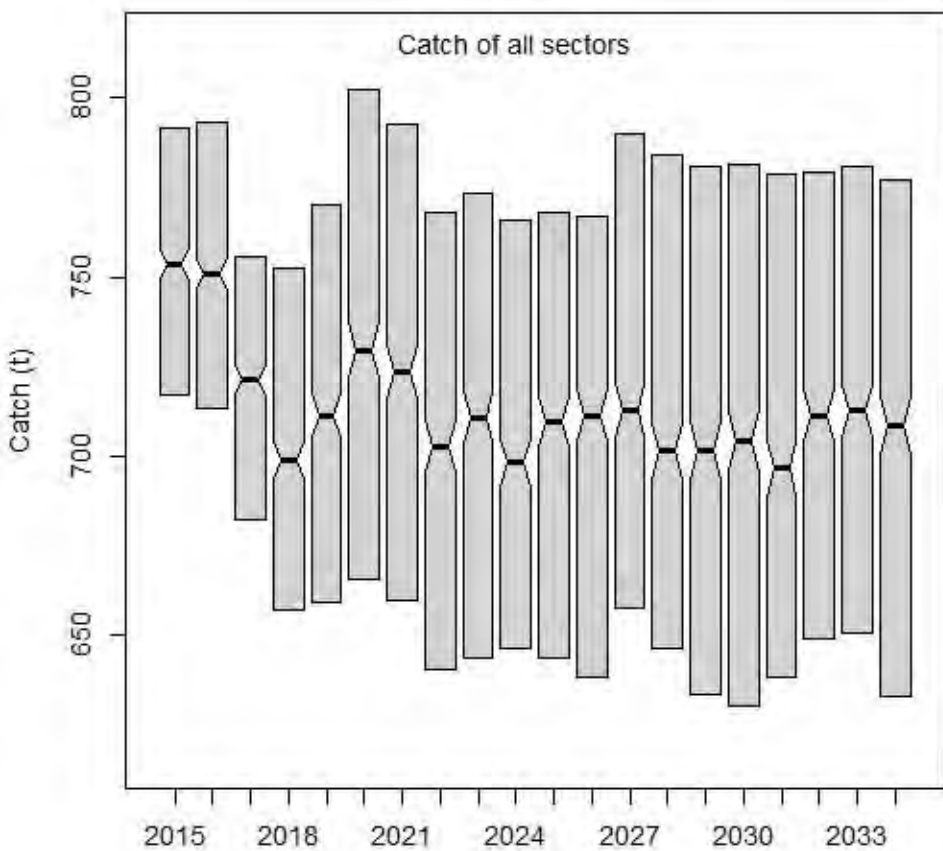
rHCR1



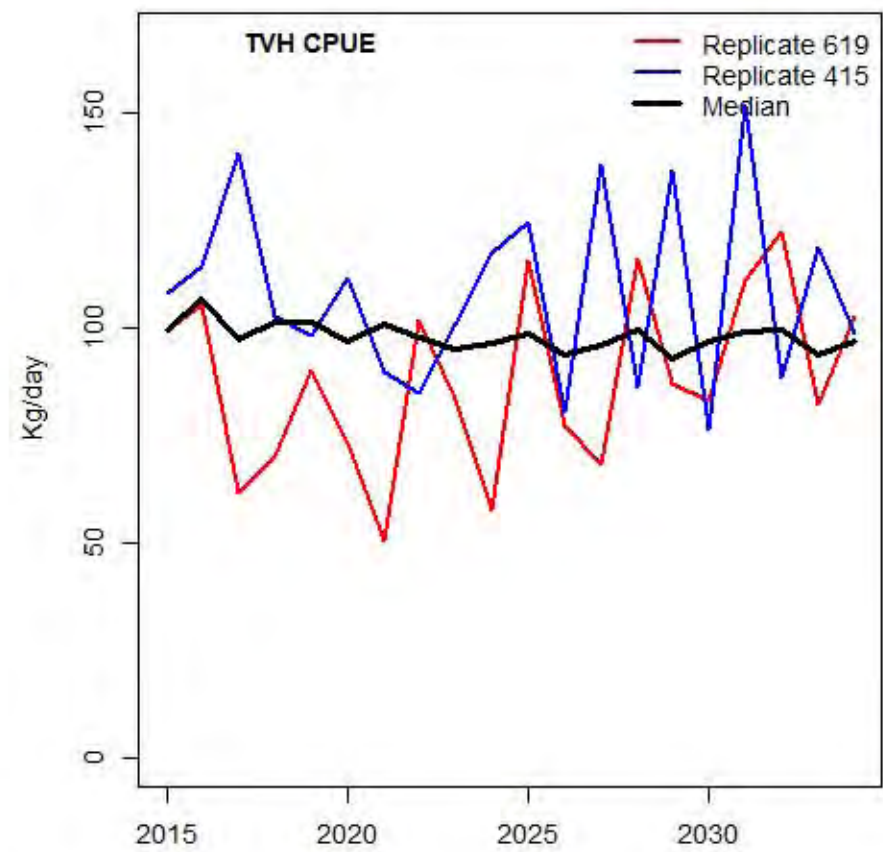
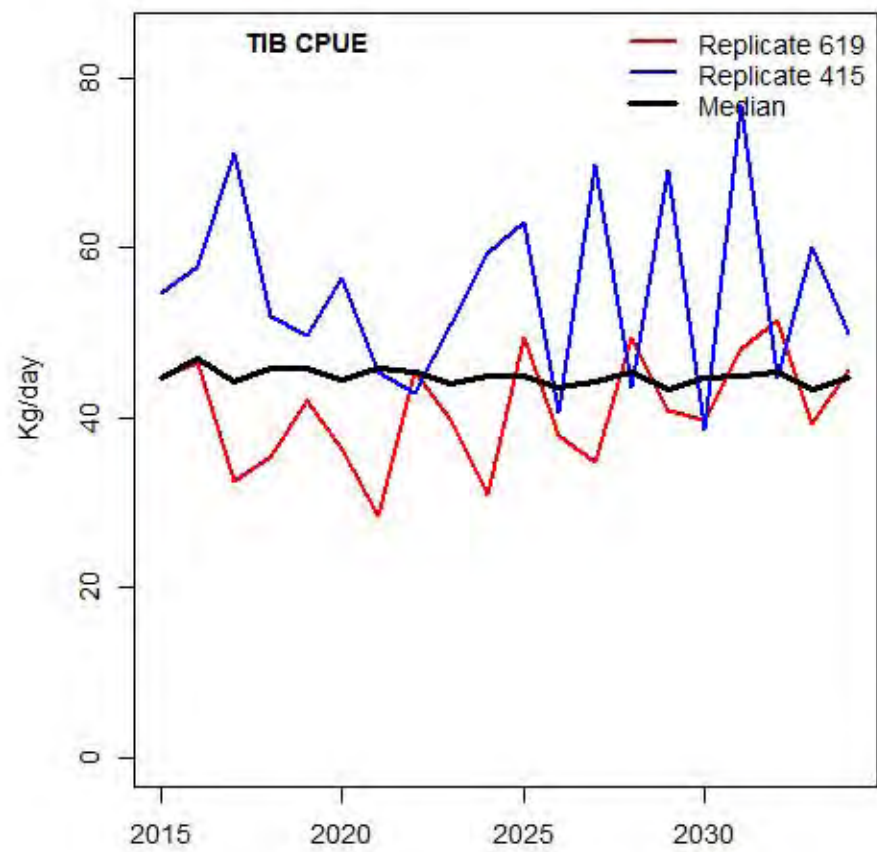
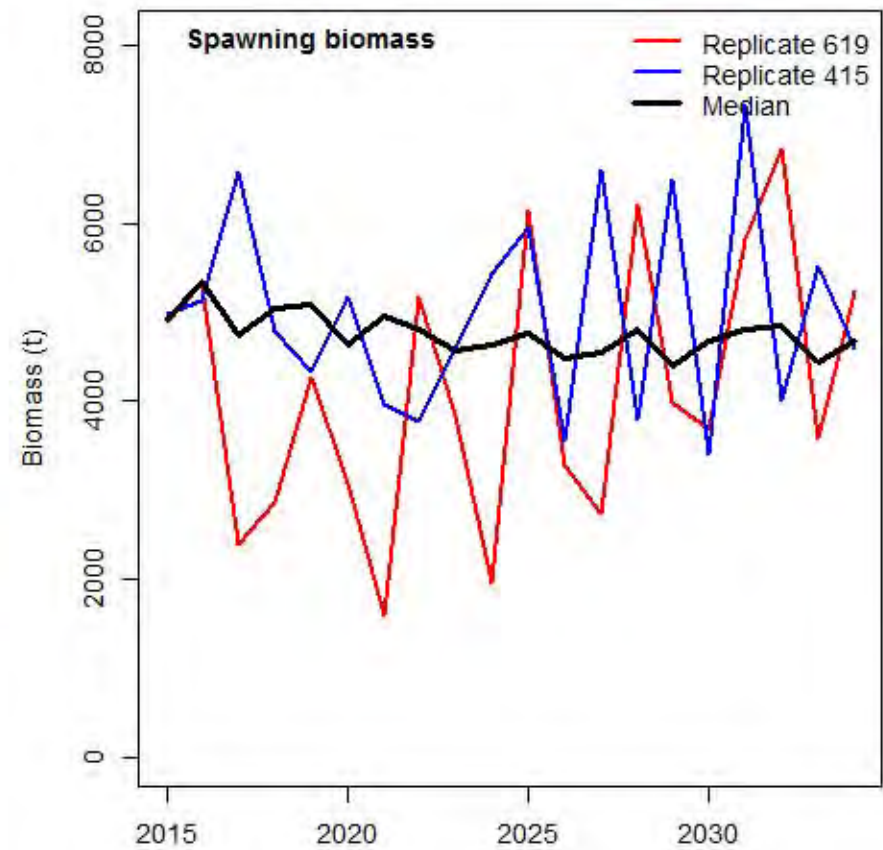
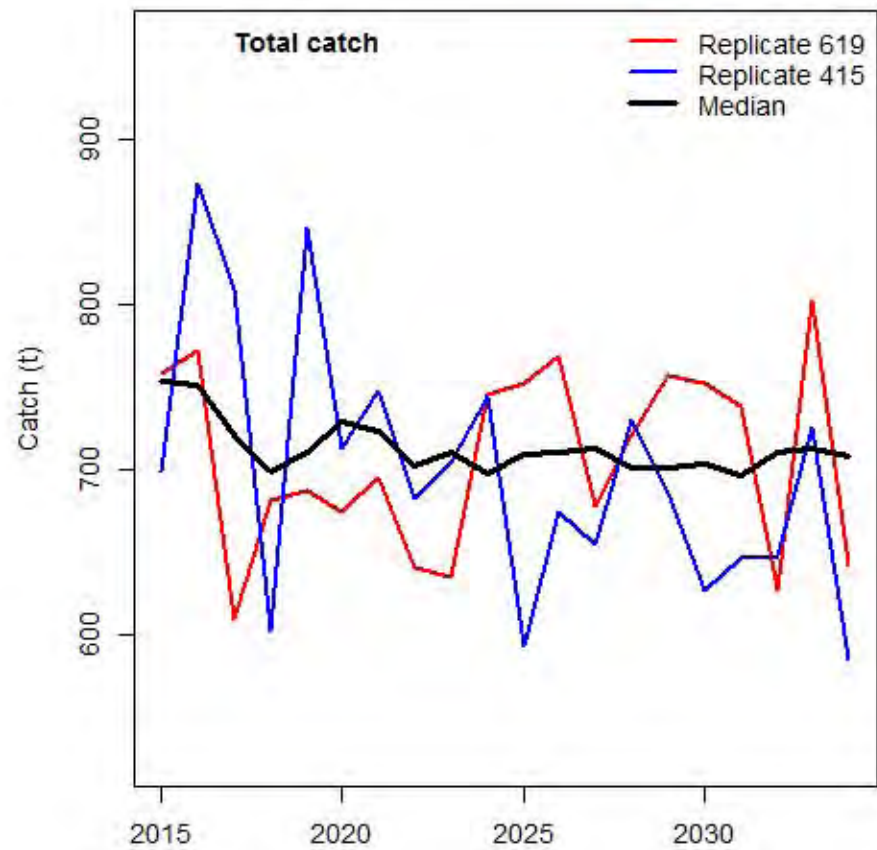
rHCR1



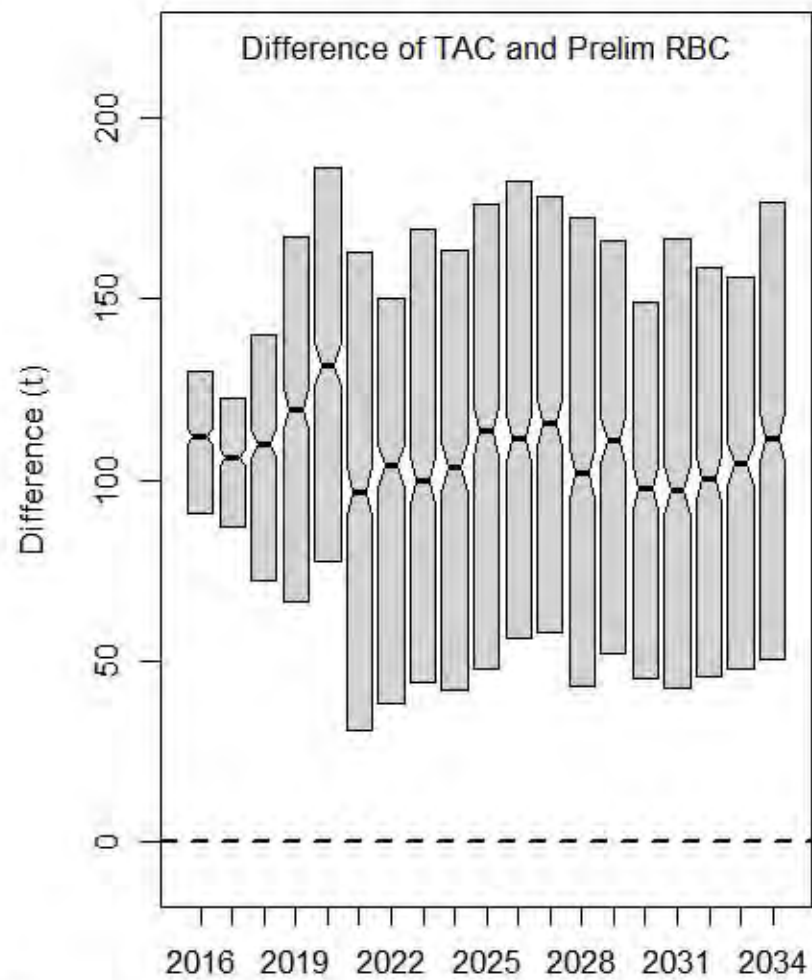
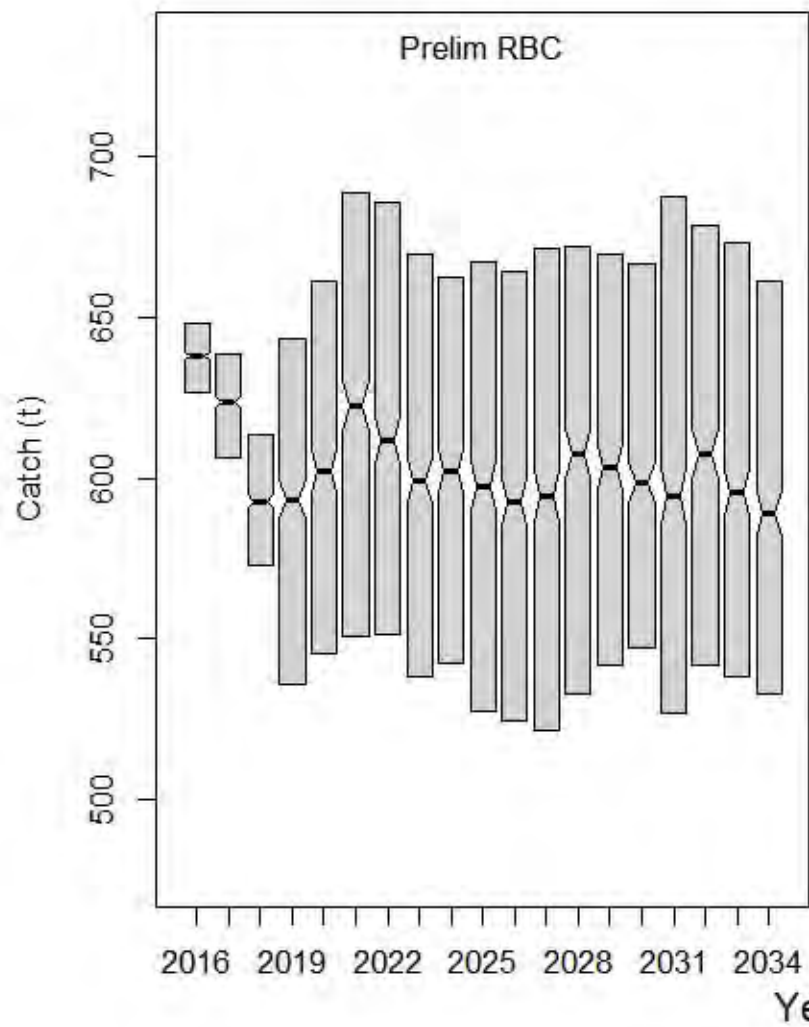
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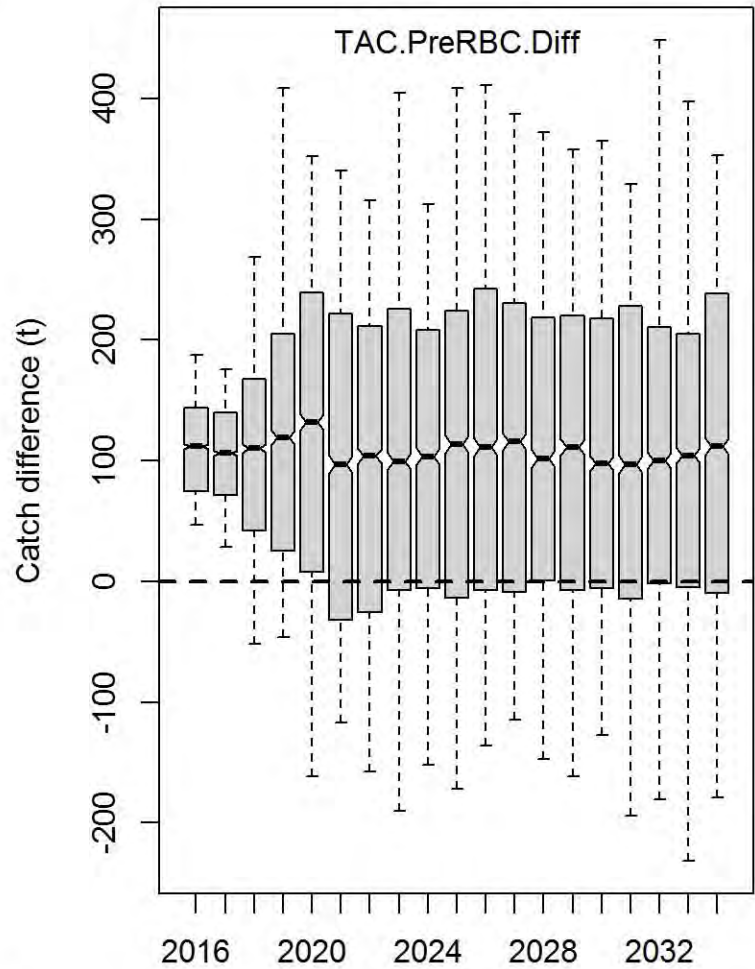
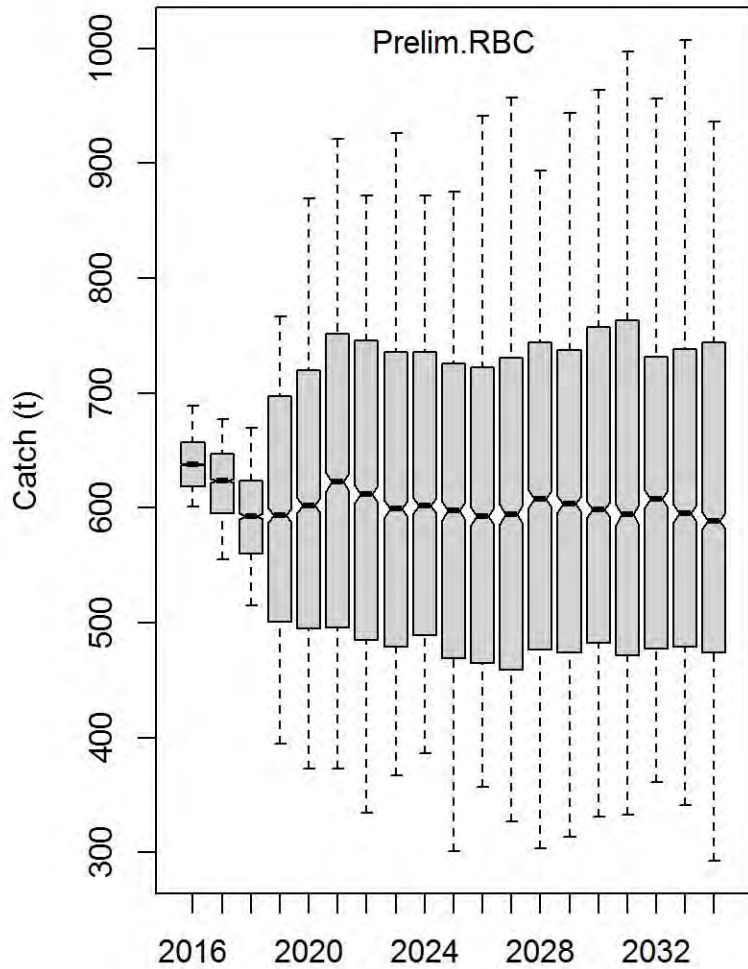
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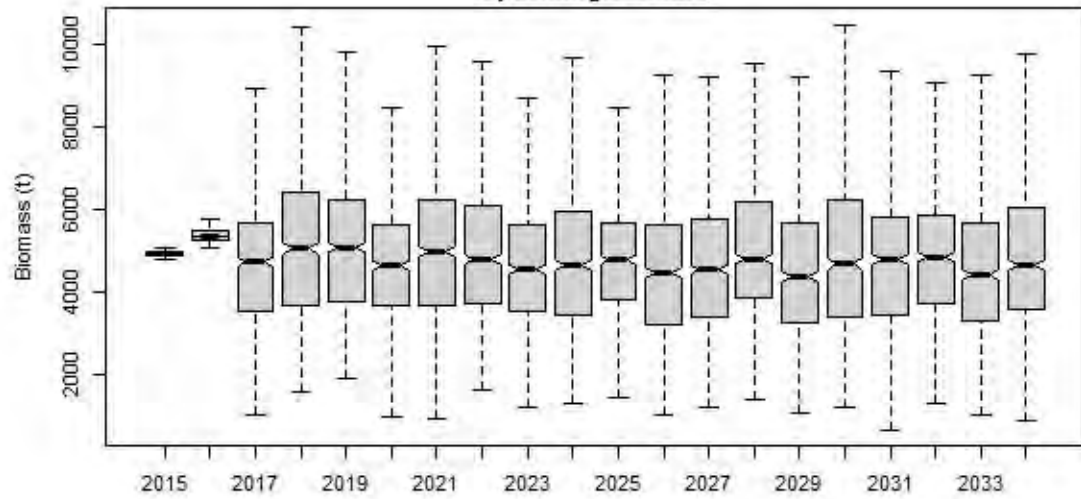
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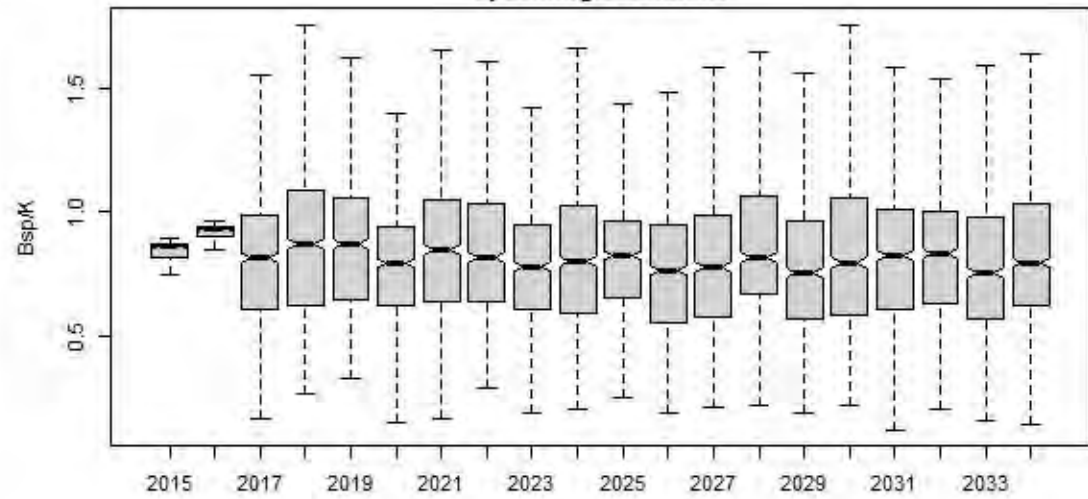
rHCR1



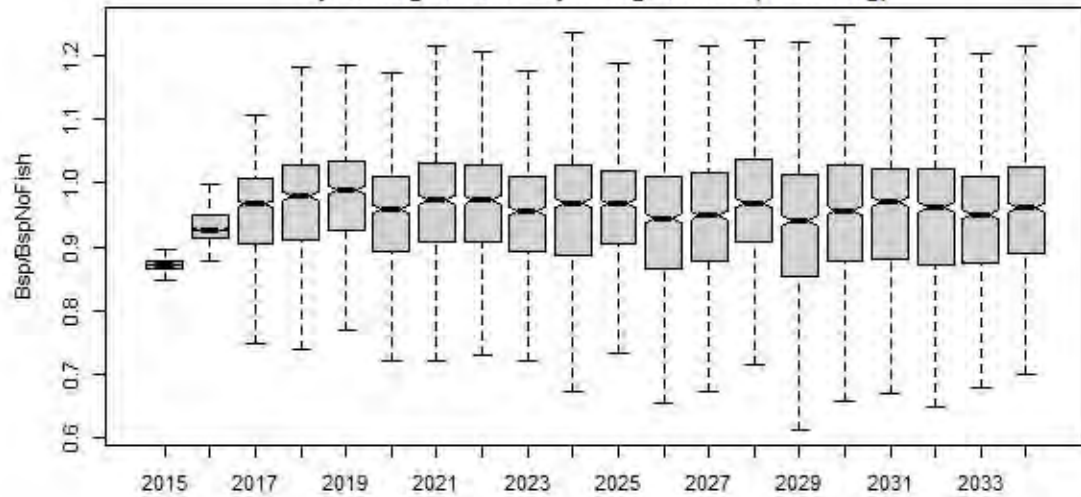
Spawning biomass



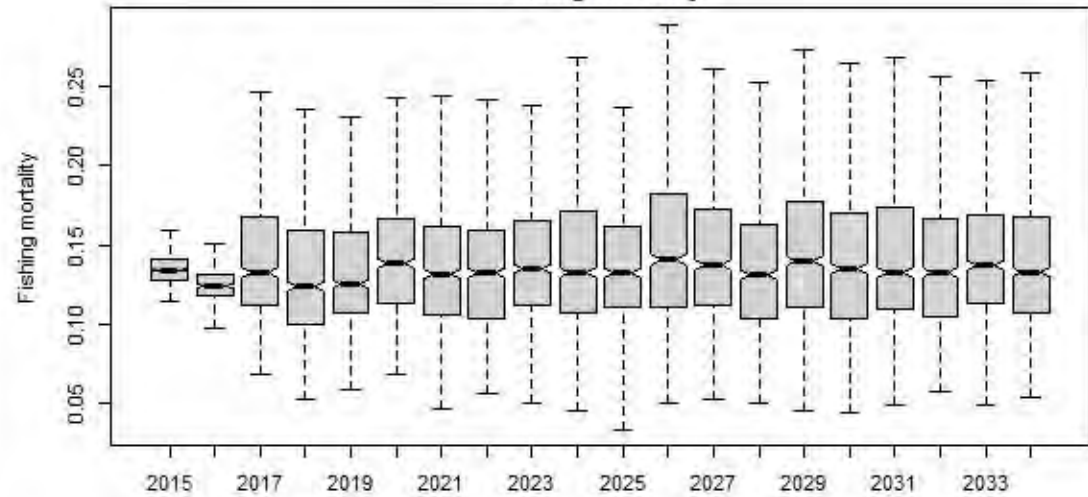
Spawning biomass/K



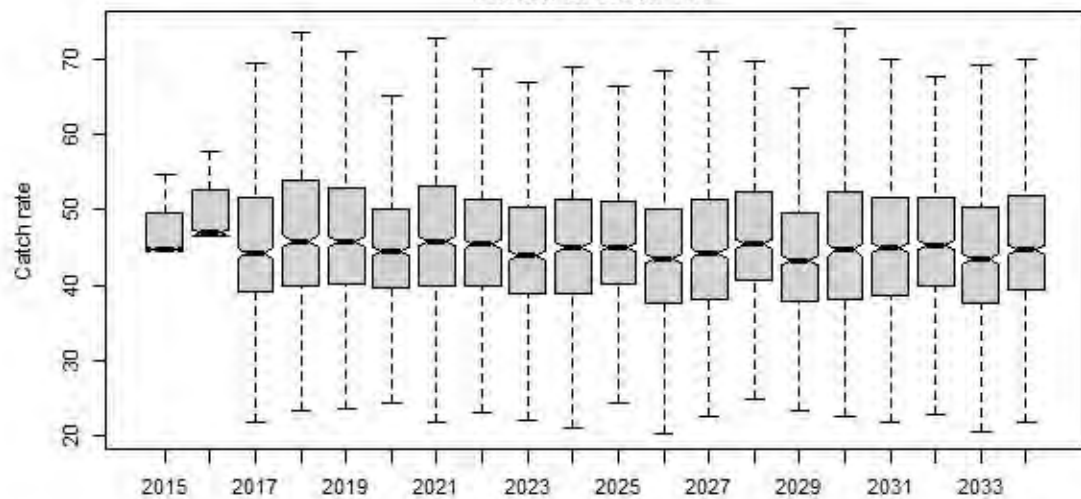
Spawning biomass/Spawning biomass(no fishing)



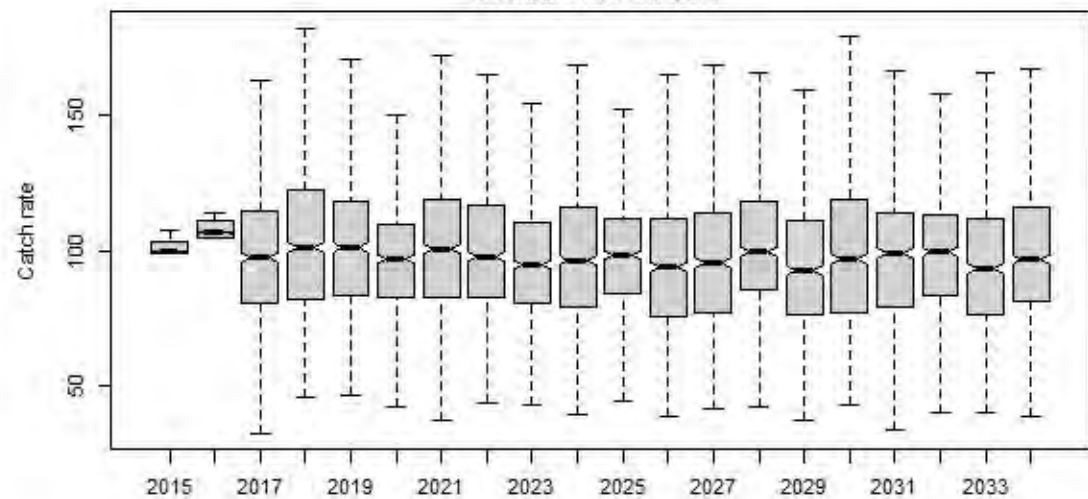
Fishing mortality



Actual CPUE of TIB

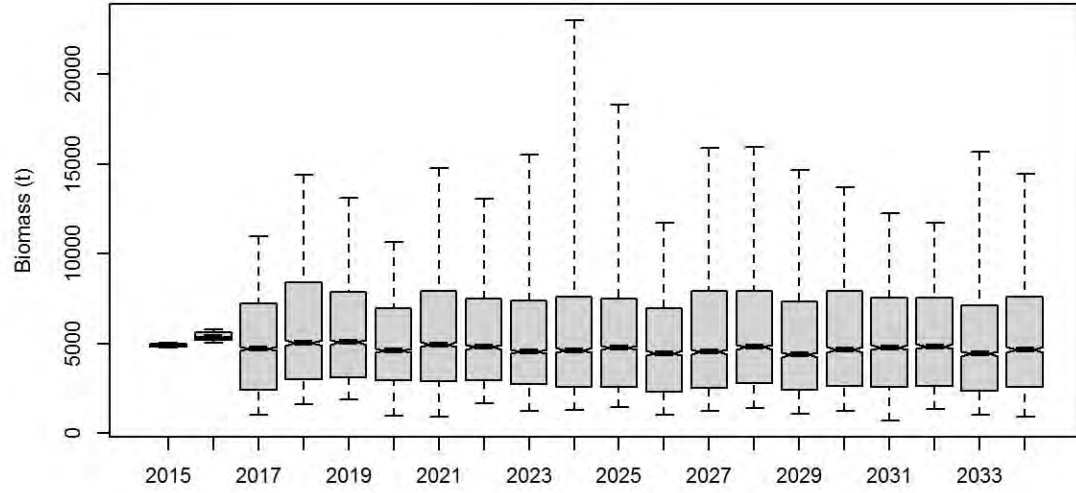


Actual CPUE of TVH

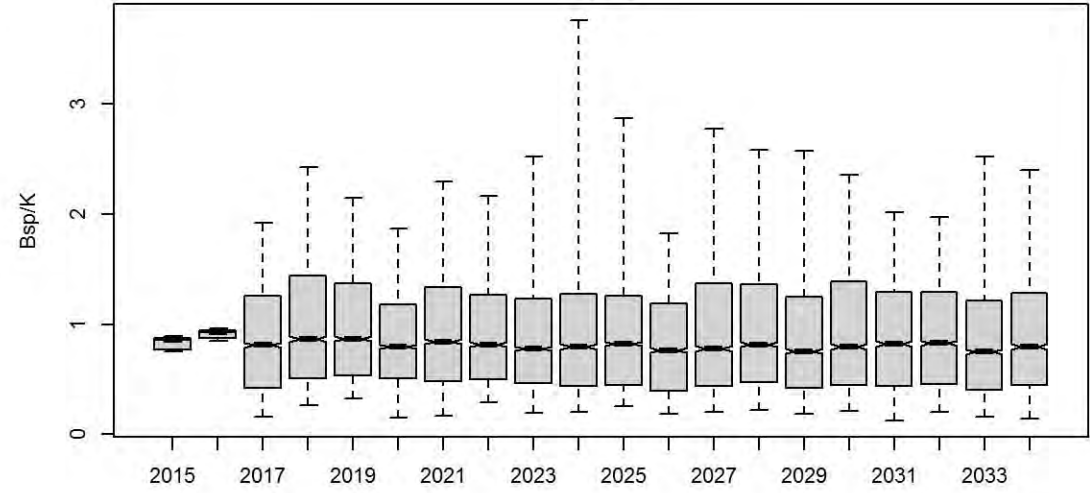


rHCR1

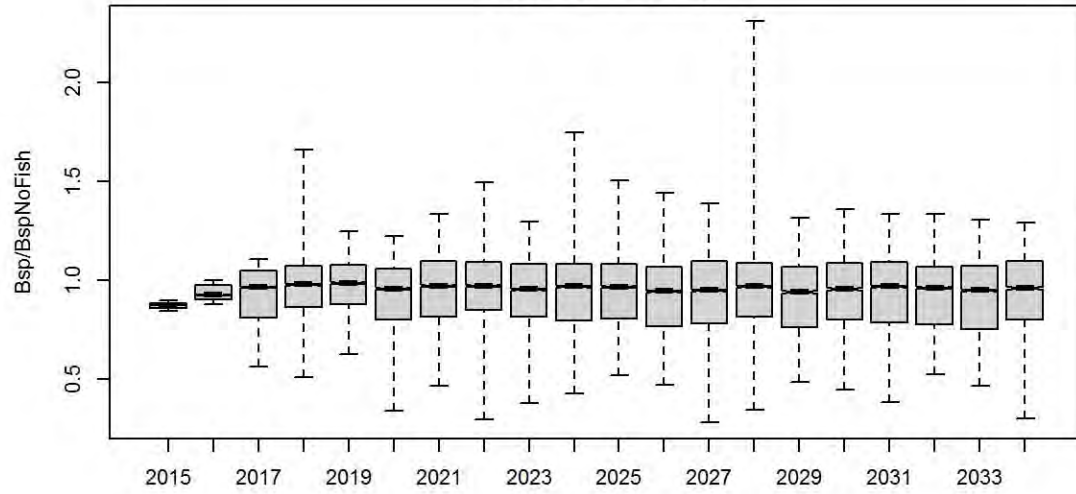
Bsp



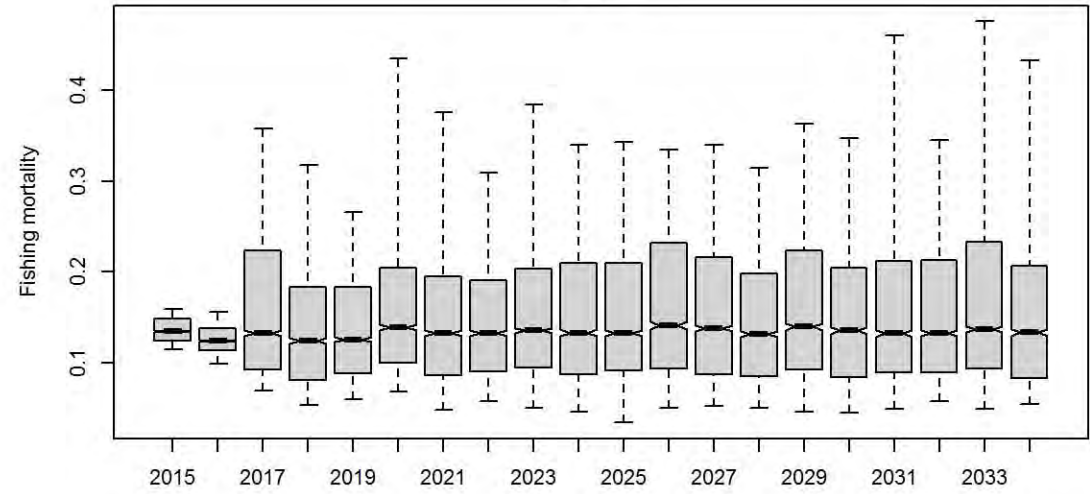
Bsp_K



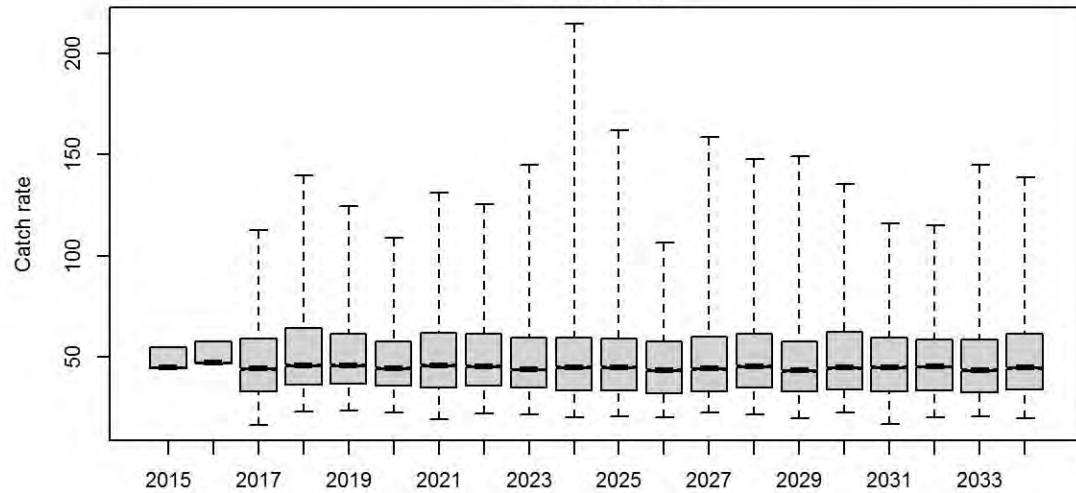
Bsp_BspNoFishing



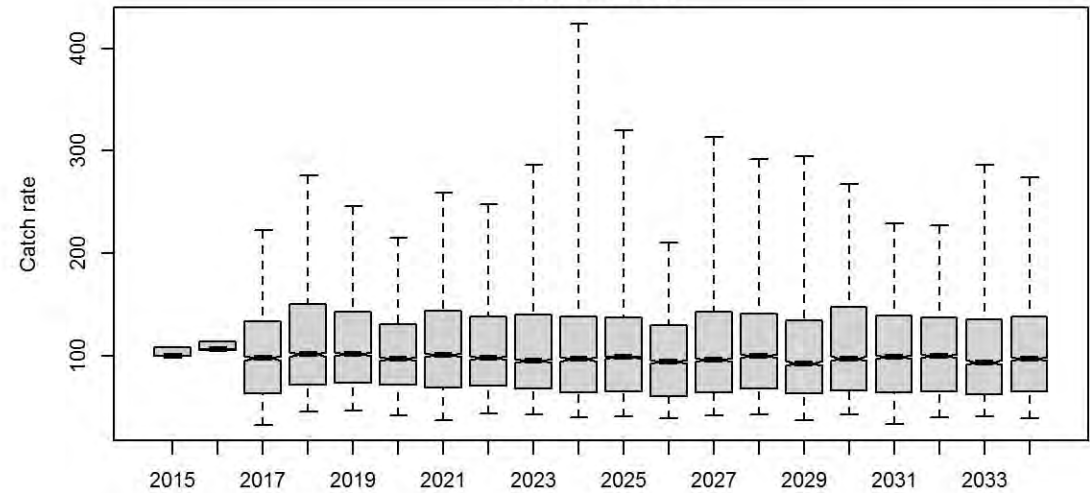
F.mal



ActICPUE.TIB

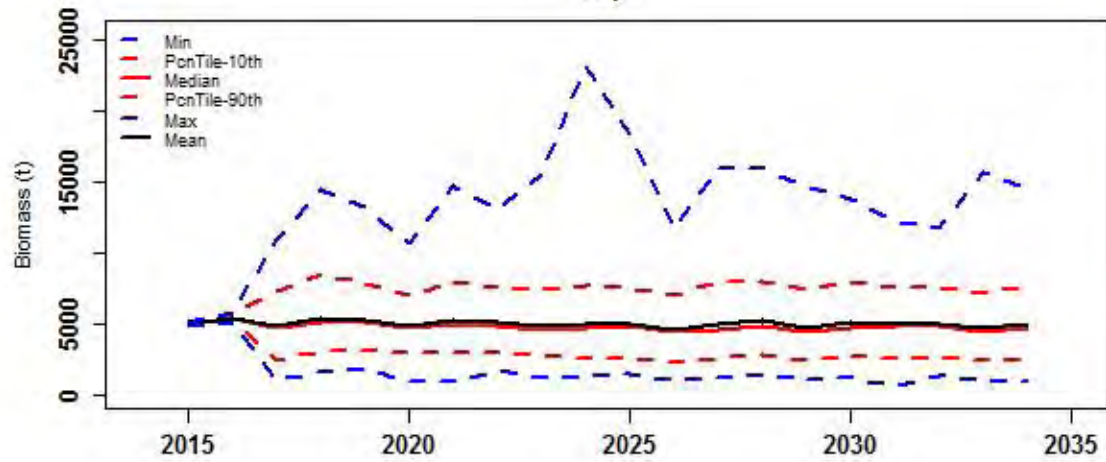


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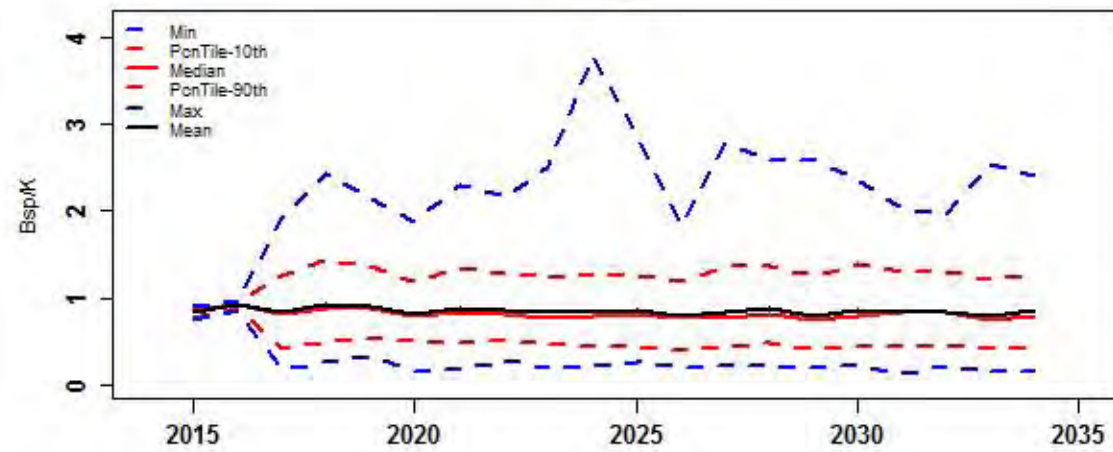


rHCR1

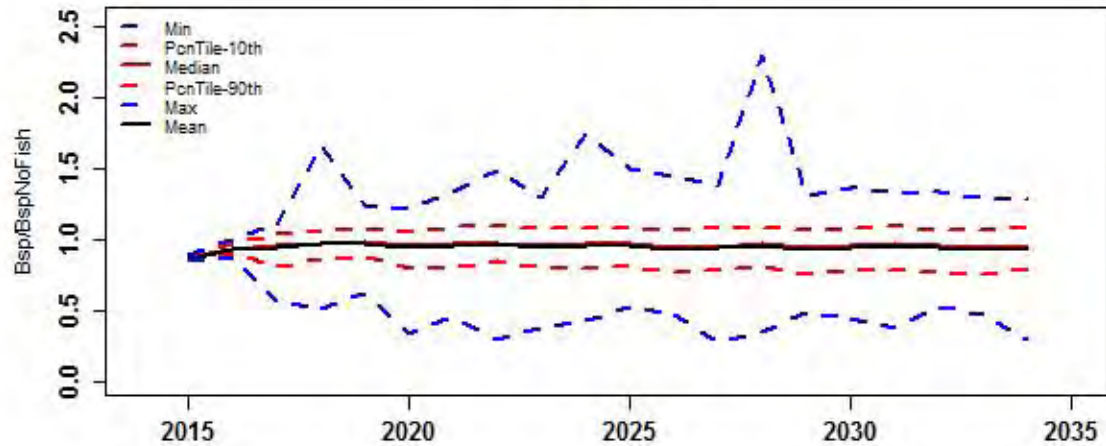
Bsp



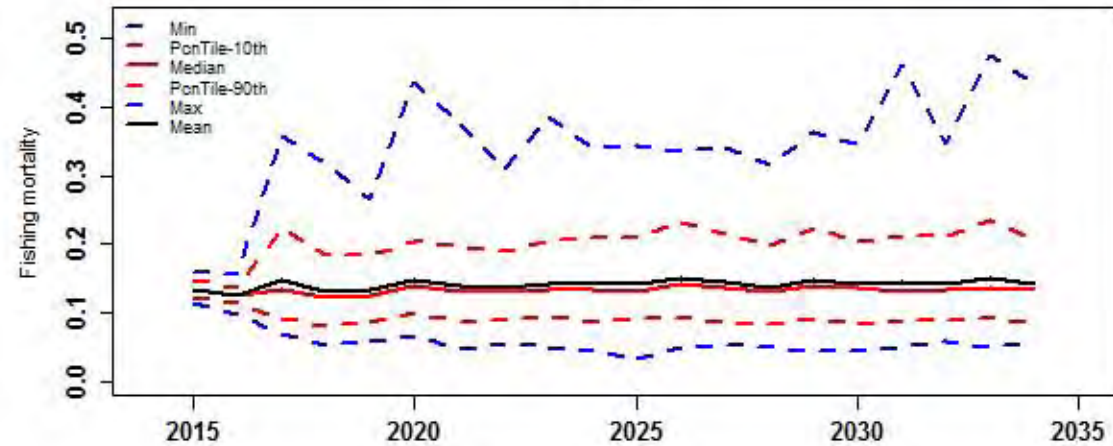
Bsp_K



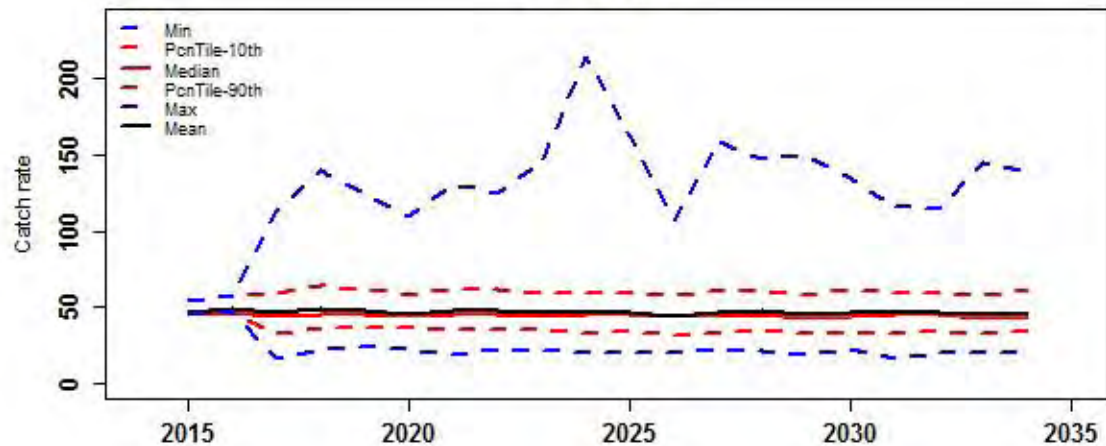
Bsp_BspNoFishing



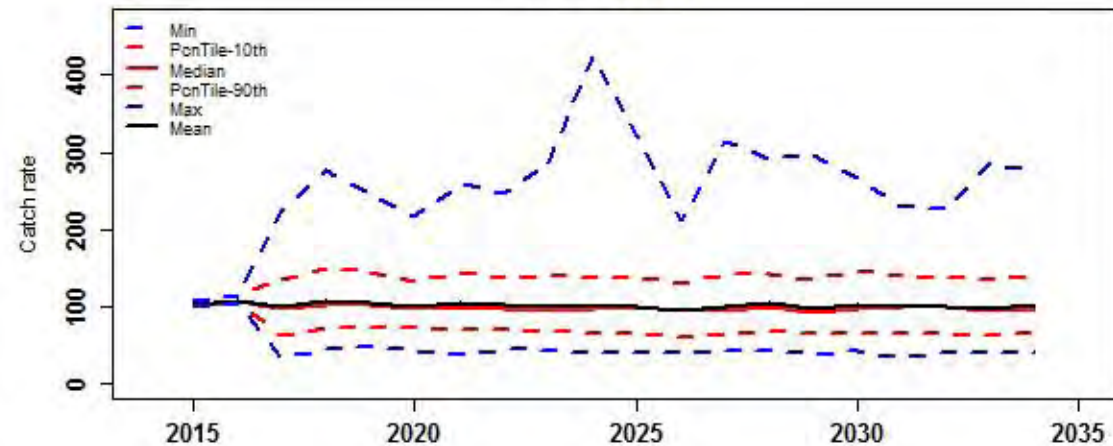
F.mal



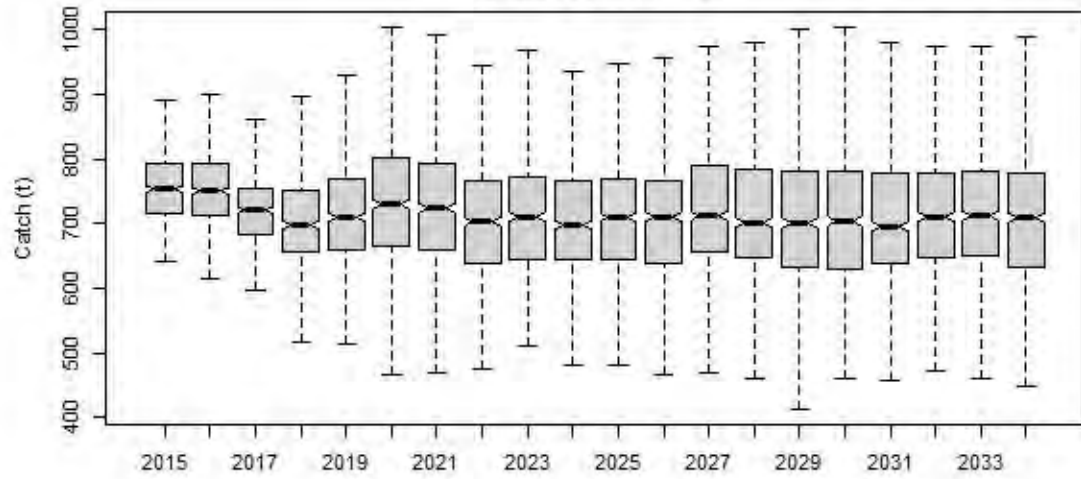
ActICPUE.TIB



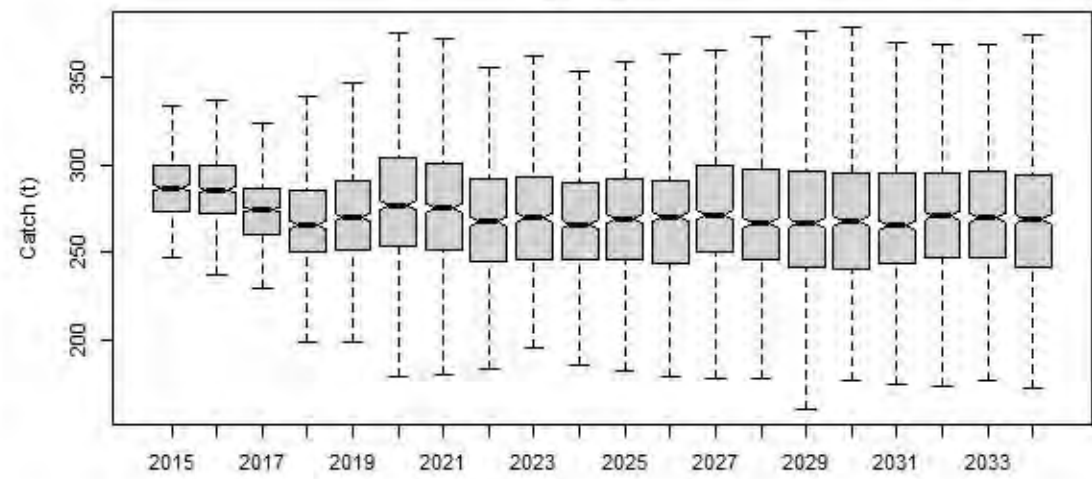
ActICPUE.TVH



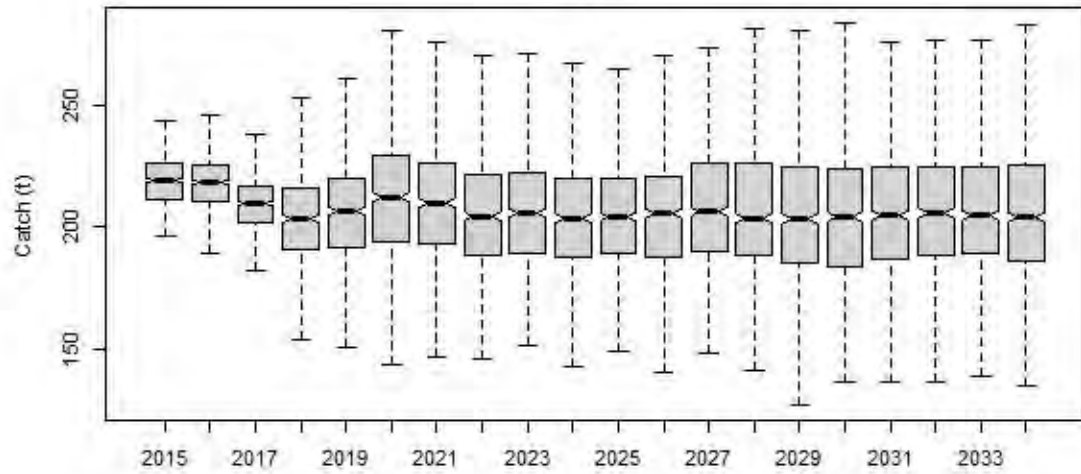
Catch of all sectors



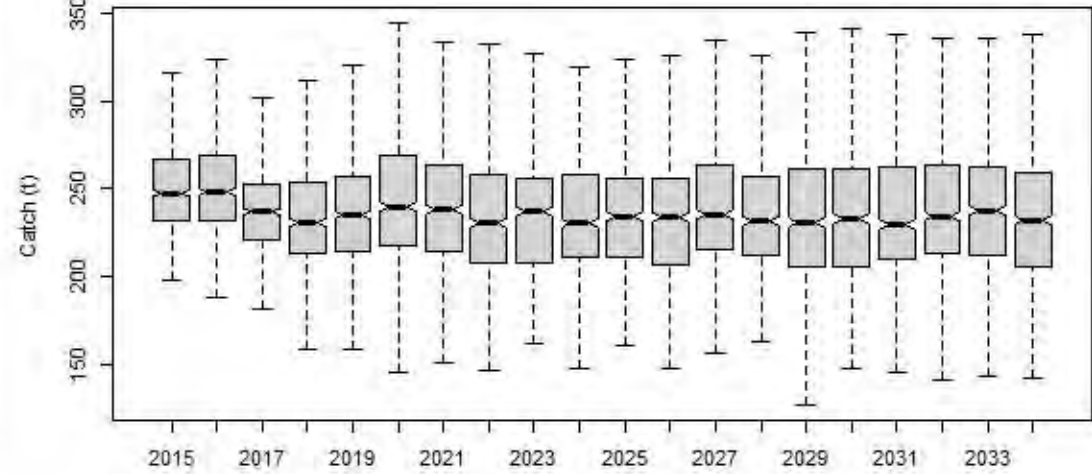
Catch of TIB



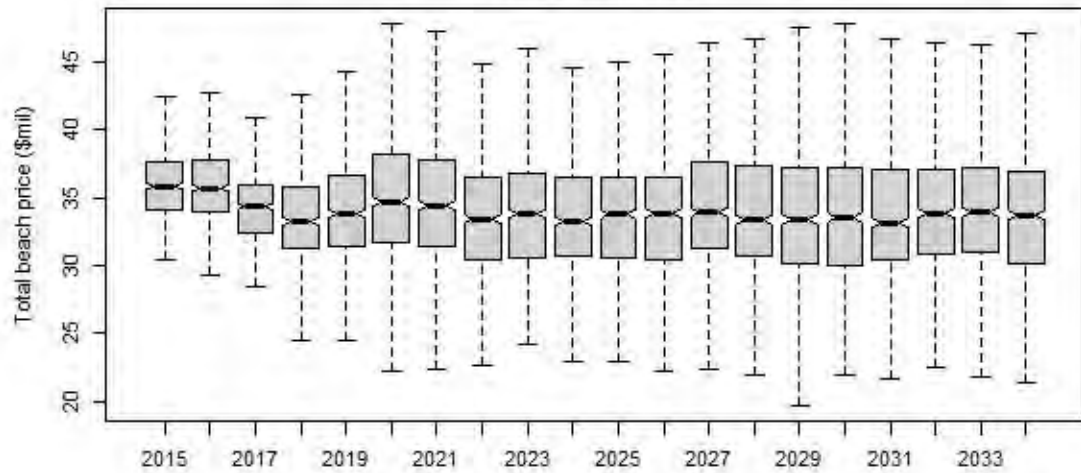
Catch of TVH



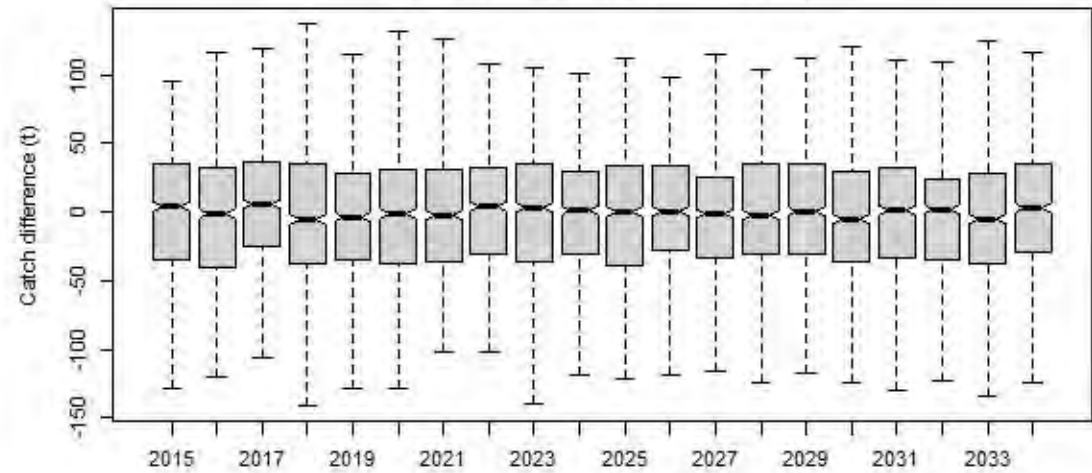
Catch of PNG



Total beach price

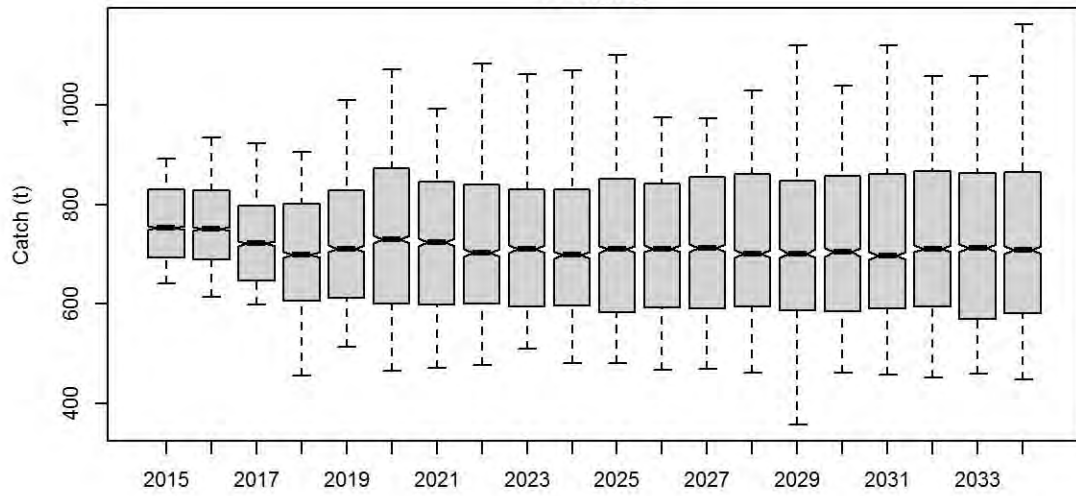


Difference of TAC and actual catch

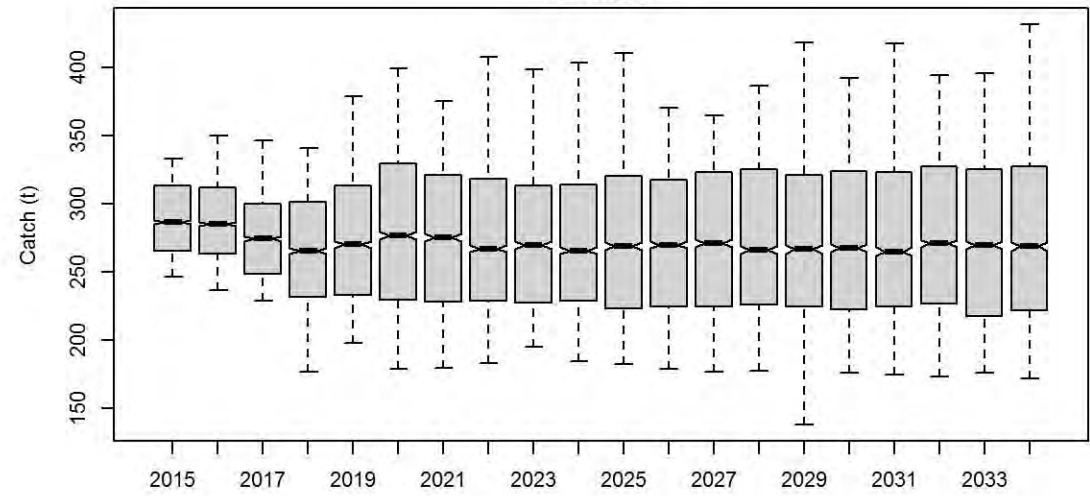


rHCR1

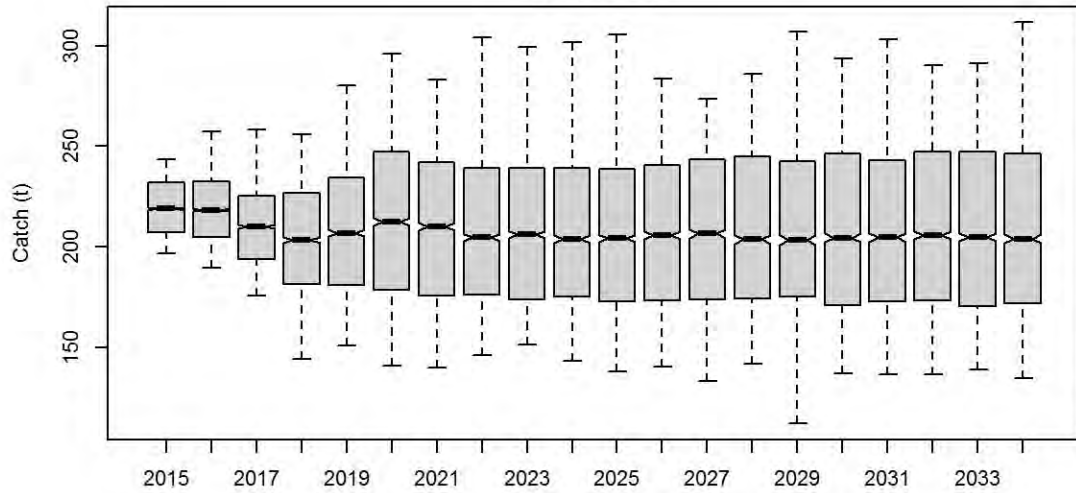
Catch.all



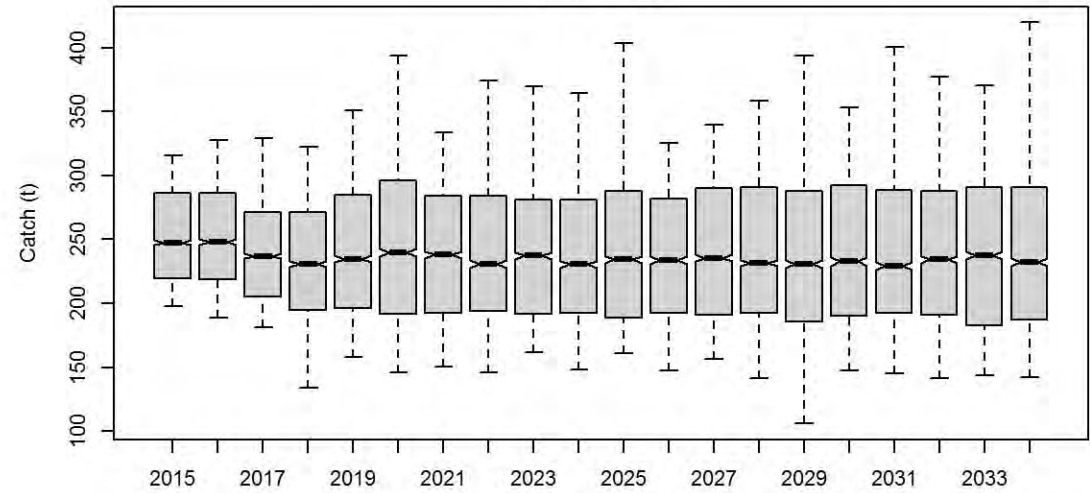
Catch.TIB



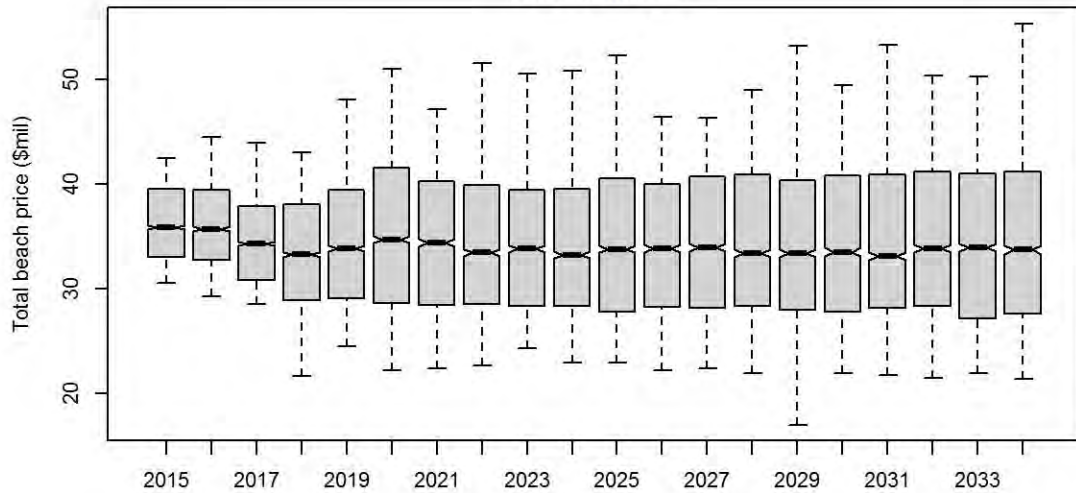
Catch.TVH



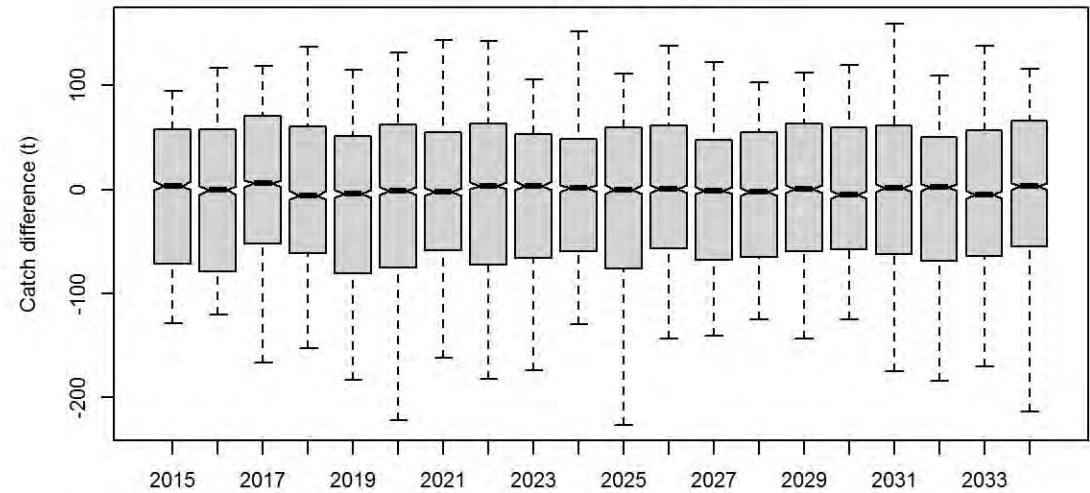
Catch.PNG



TotBeachPrice

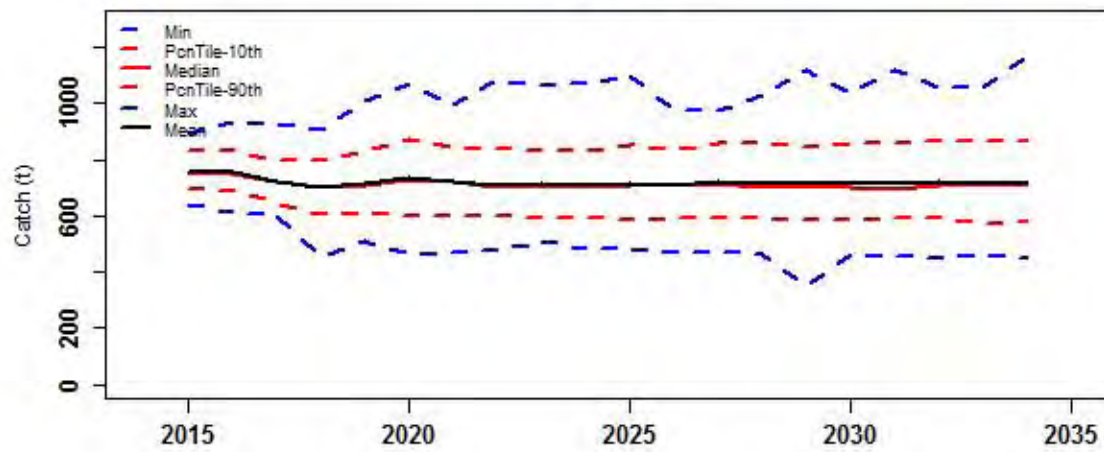


Diff.TAC.actlCatch

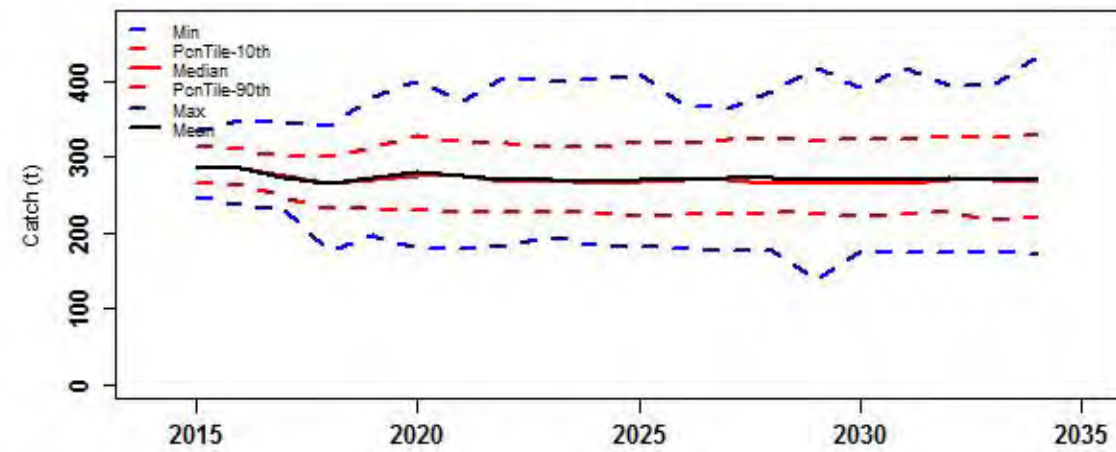


rHCR1

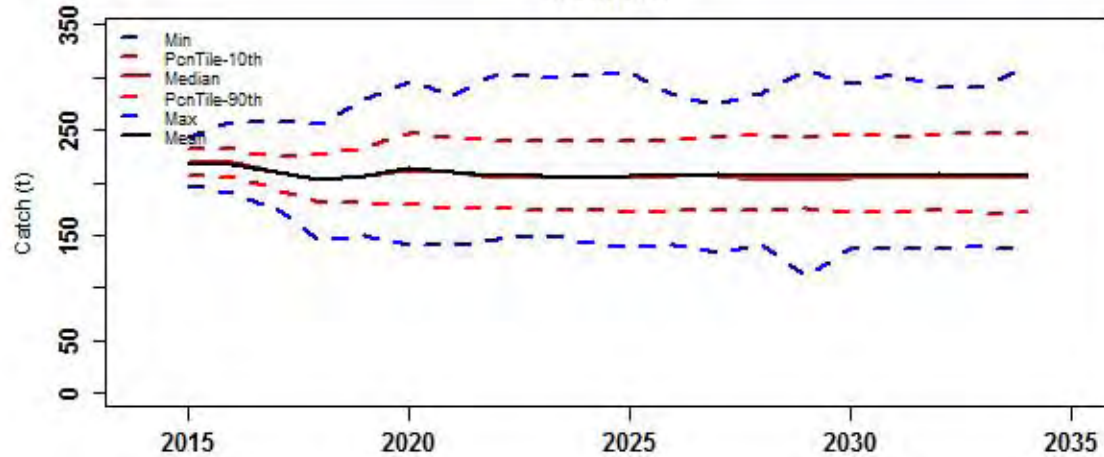
Catch.all



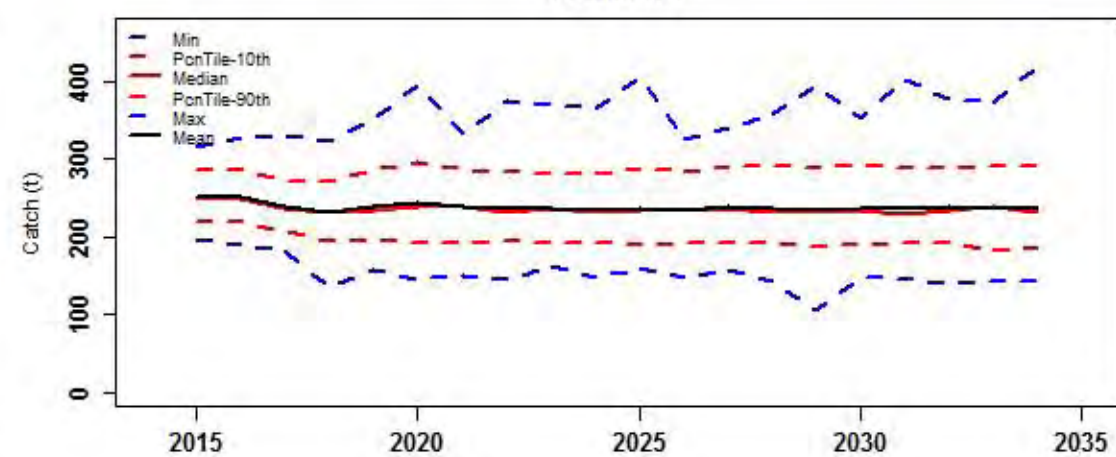
Catch.TIB



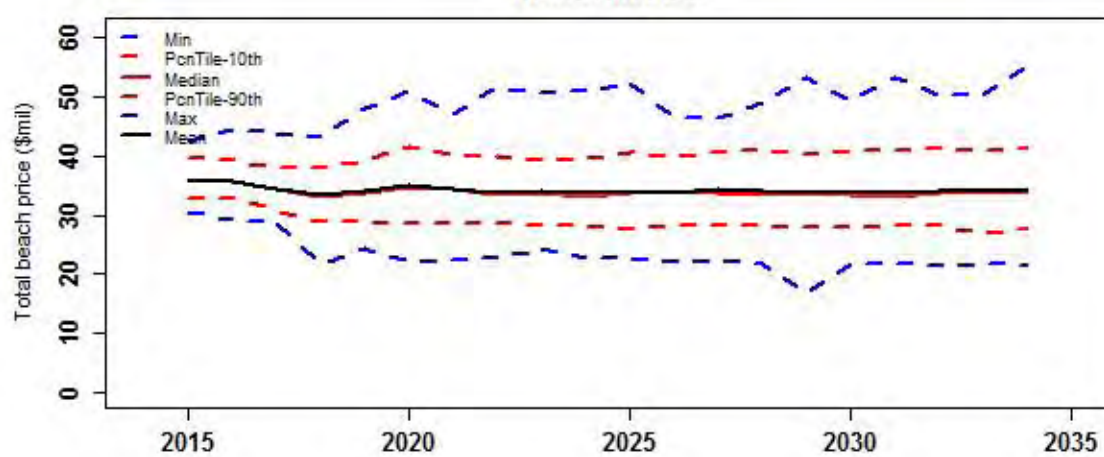
Catch.TVH



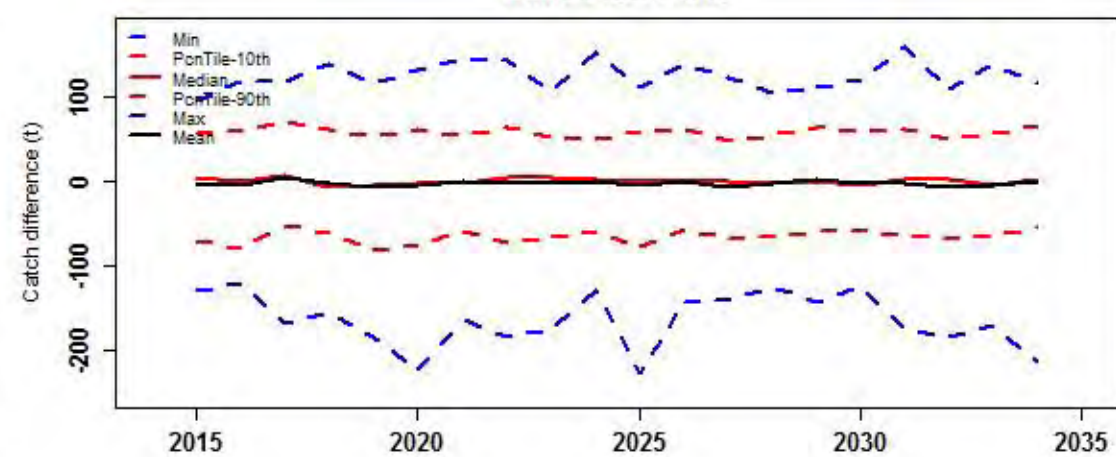
Catch.PNG

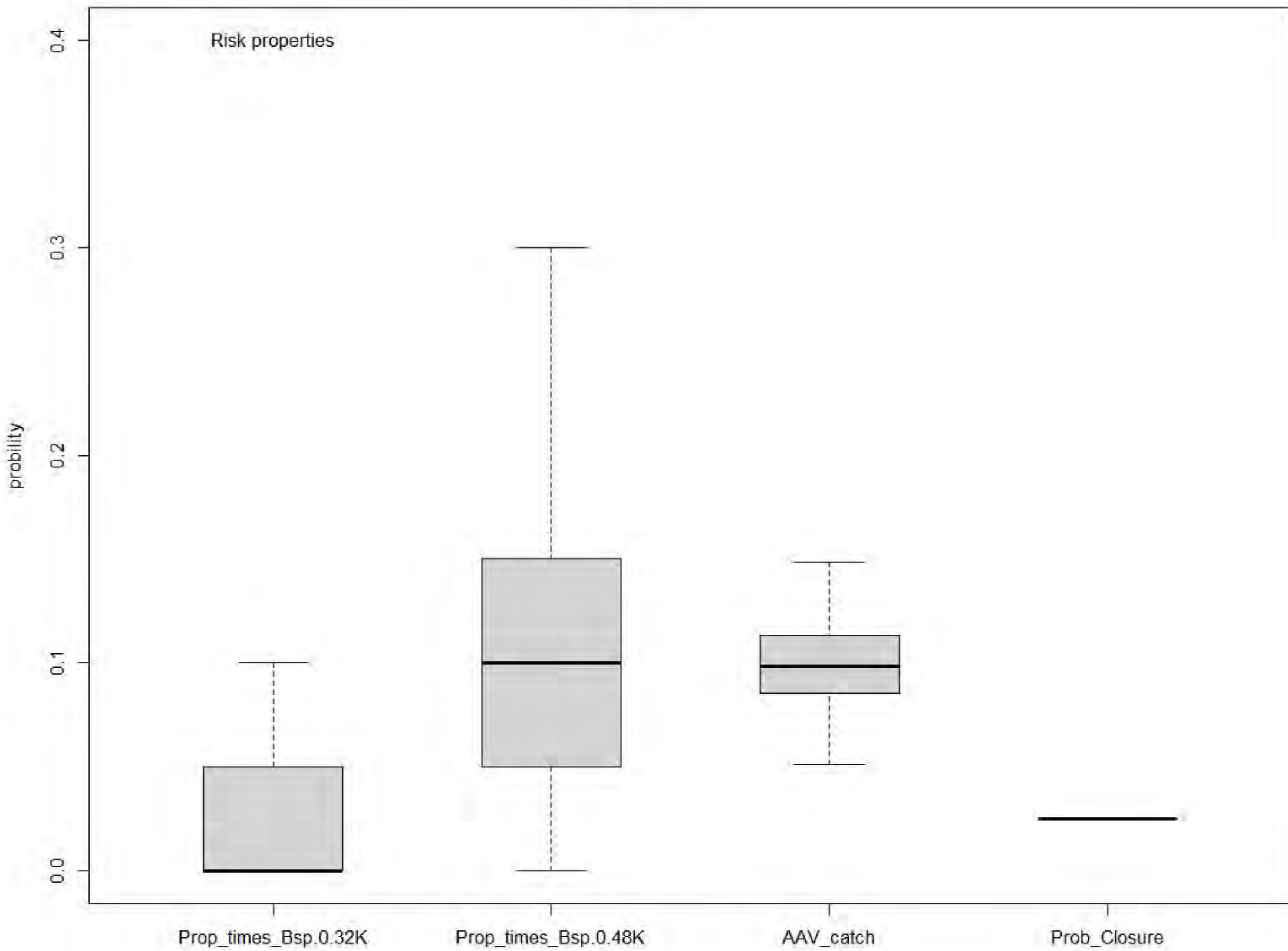


TotBeachPrice



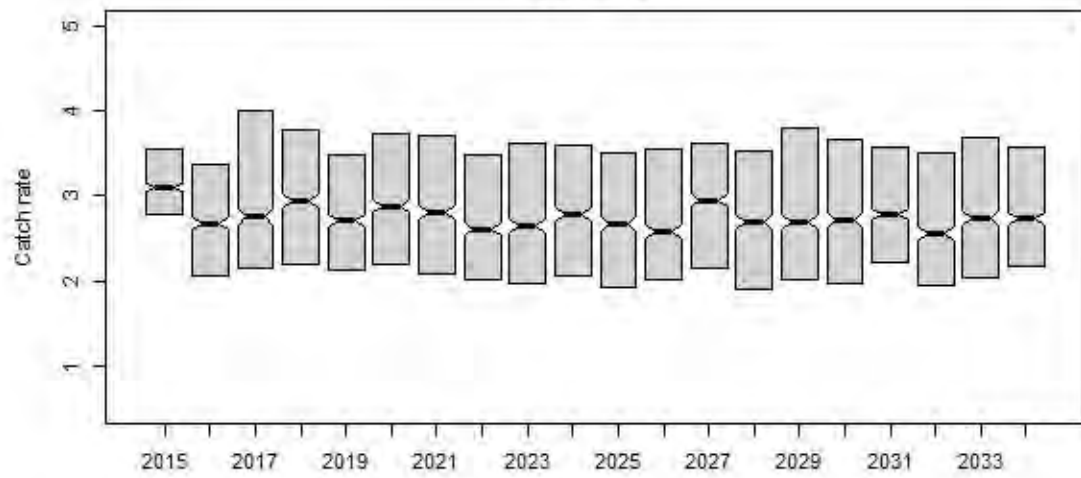
Diff.TAC.actlCatch



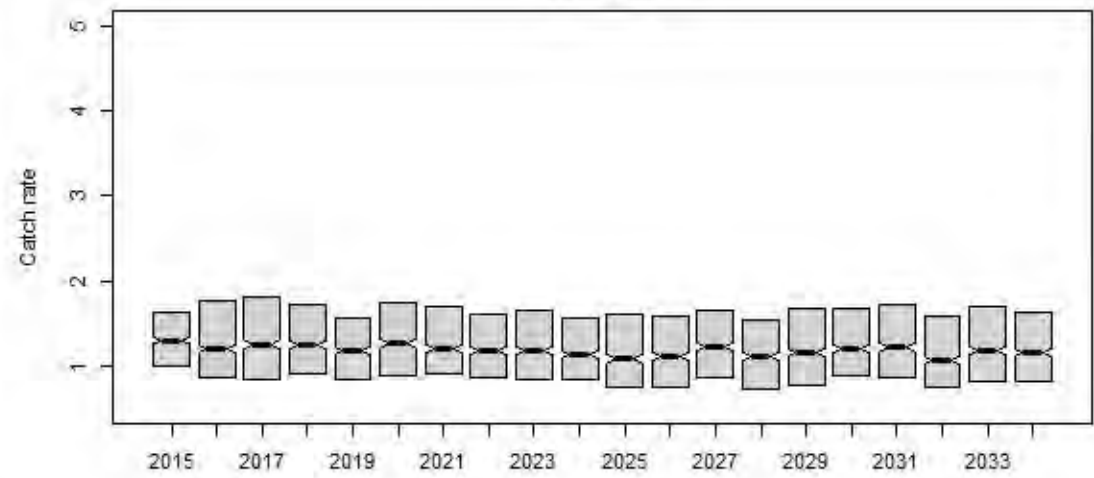


rHCR1

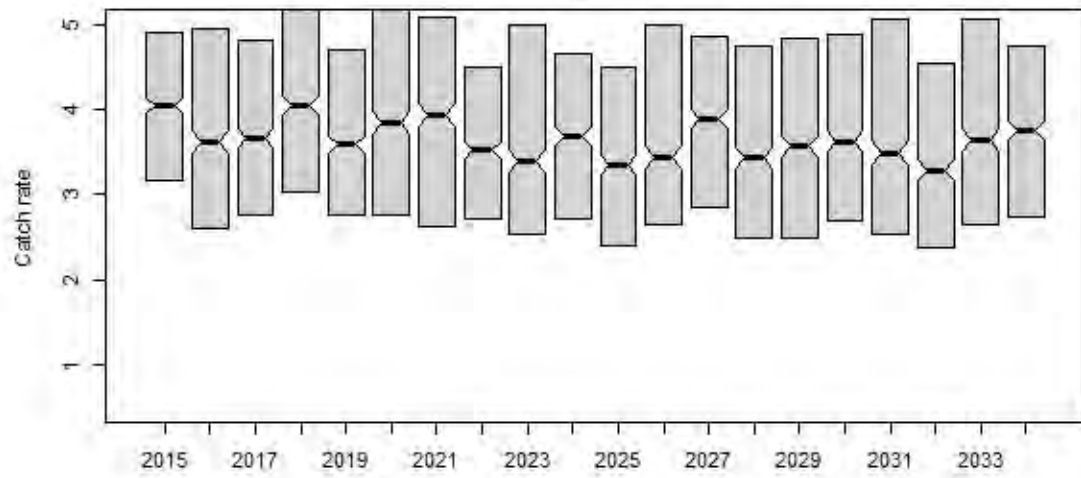
Preseas1



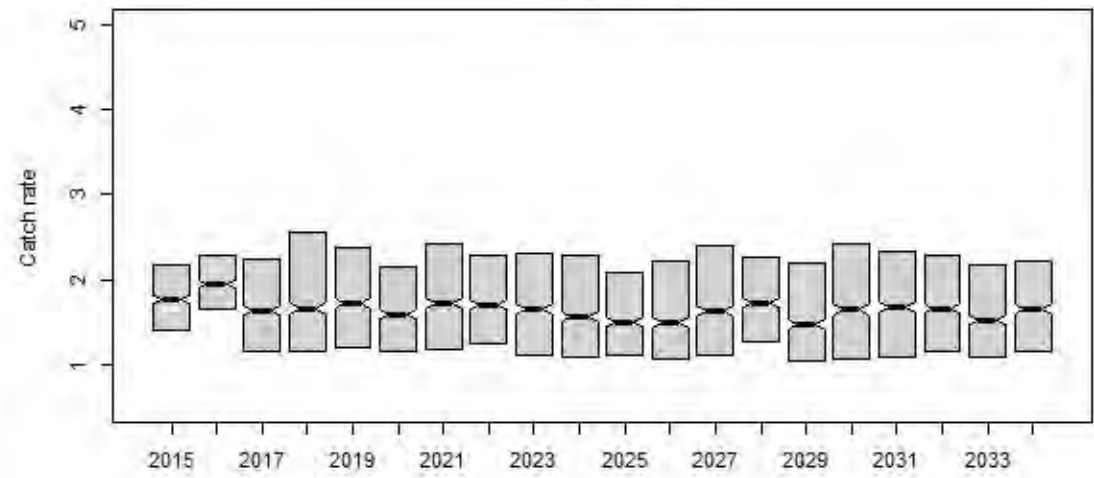
Preseas0



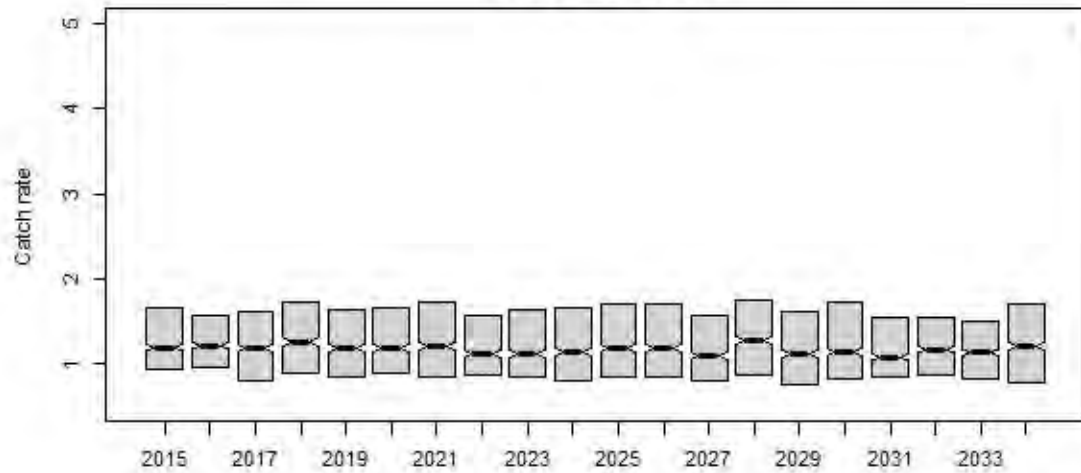
Midsurv1



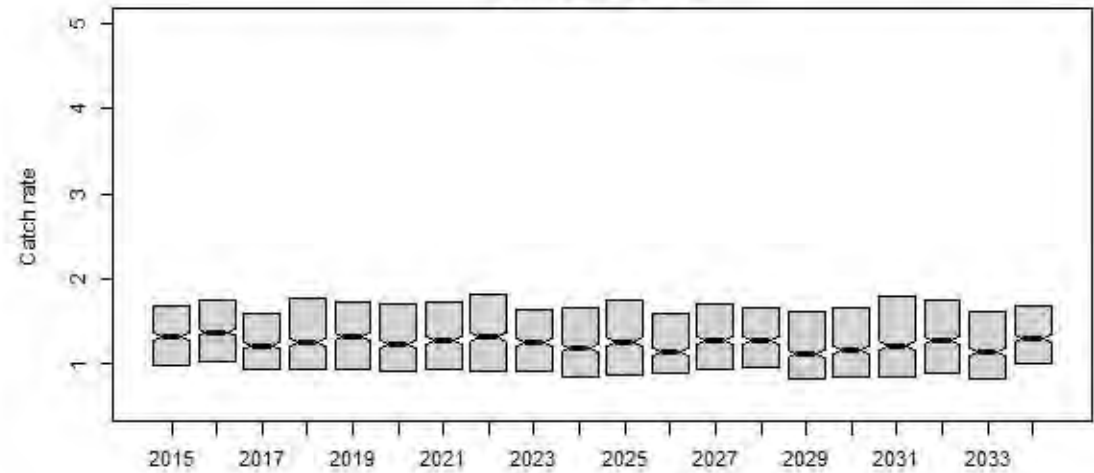
Midsurv2



Future_CPUE_TVH

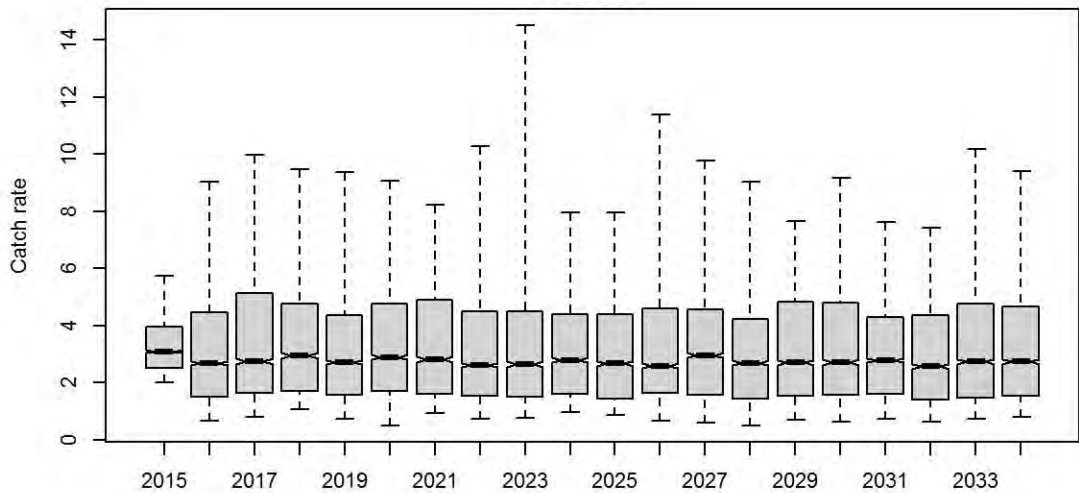


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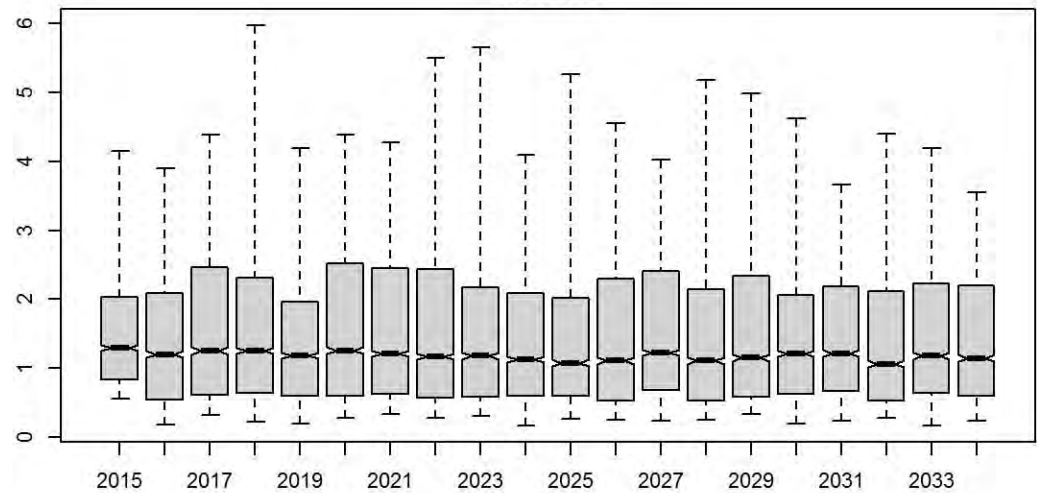


rHCR1

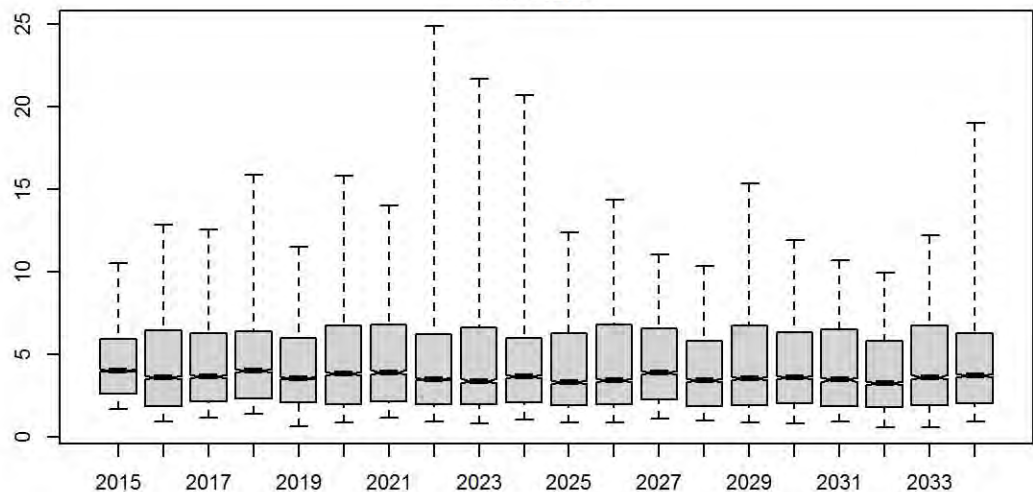
Preseas1



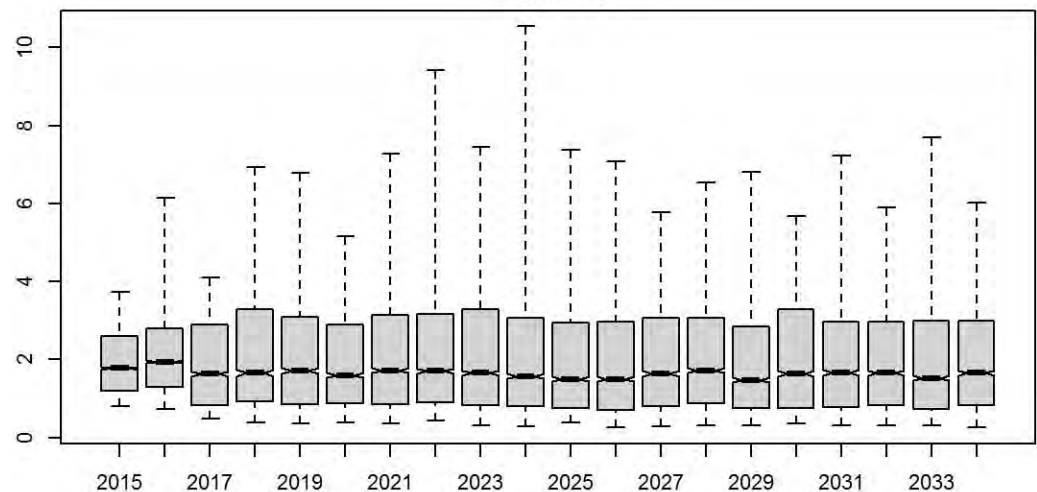
Preseas0



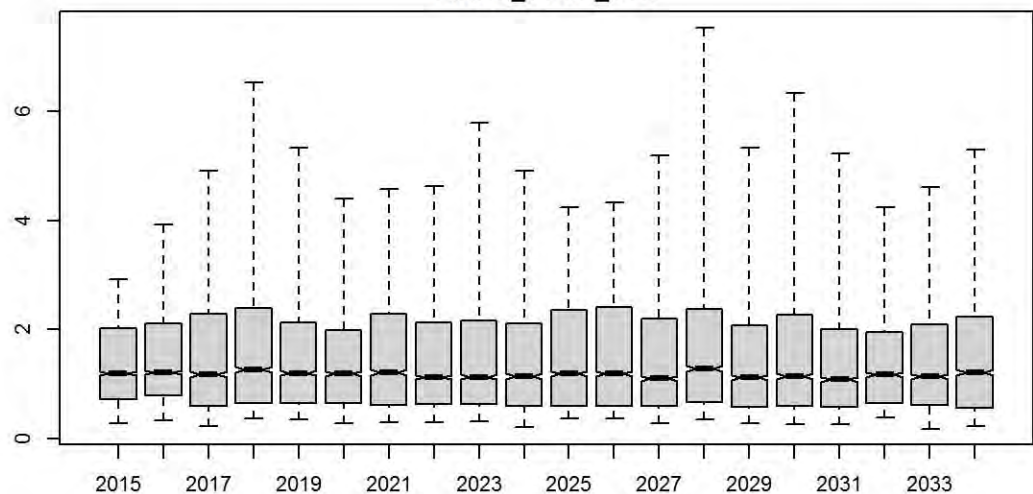
Midsurv1



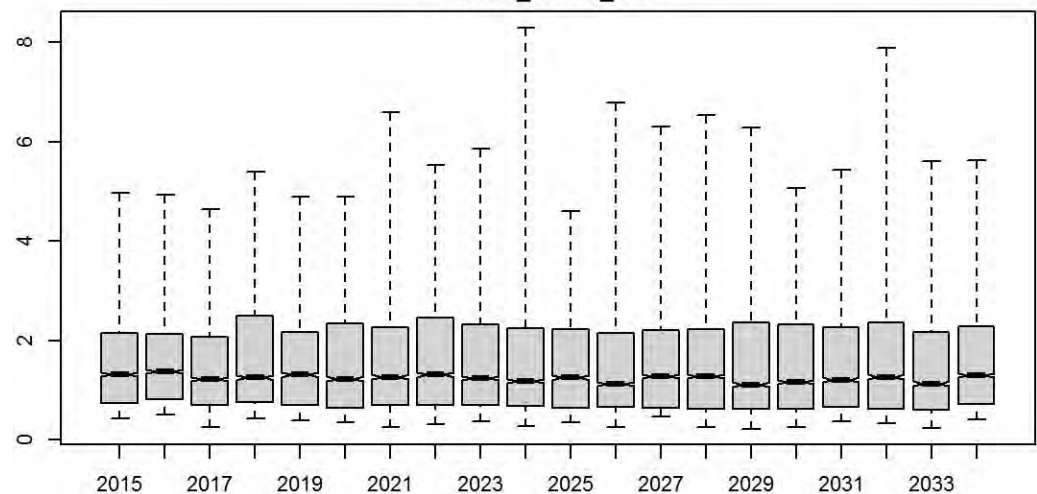
Midsurv2



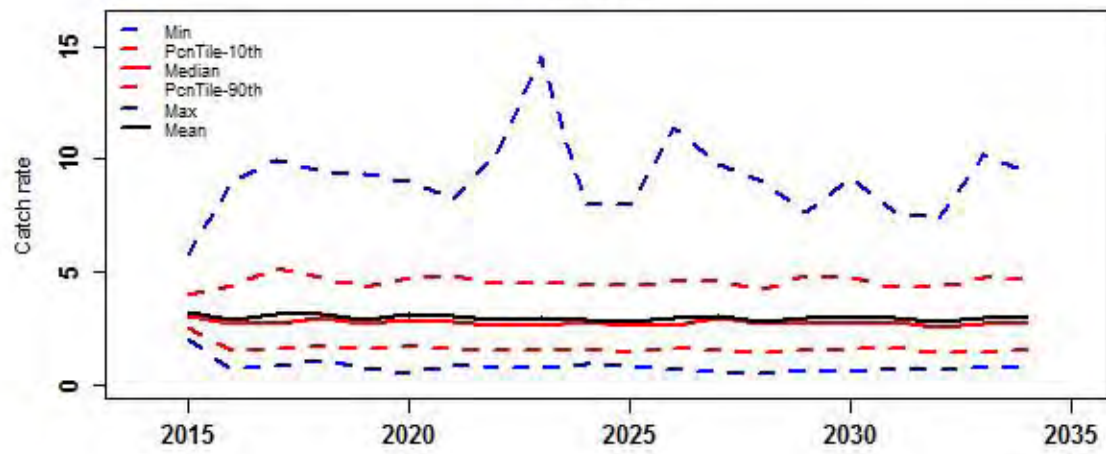
Future_CPUE_TVH



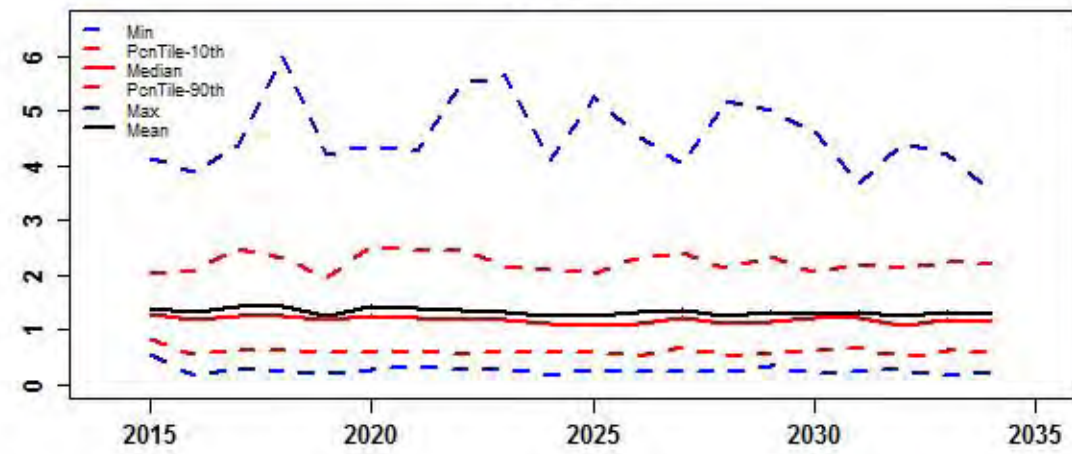
Future_CPUE_TIB



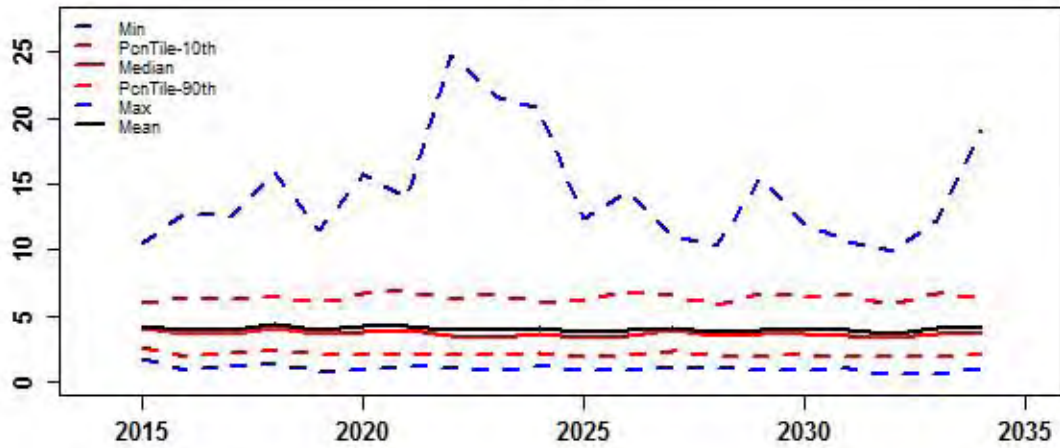
Preseas1



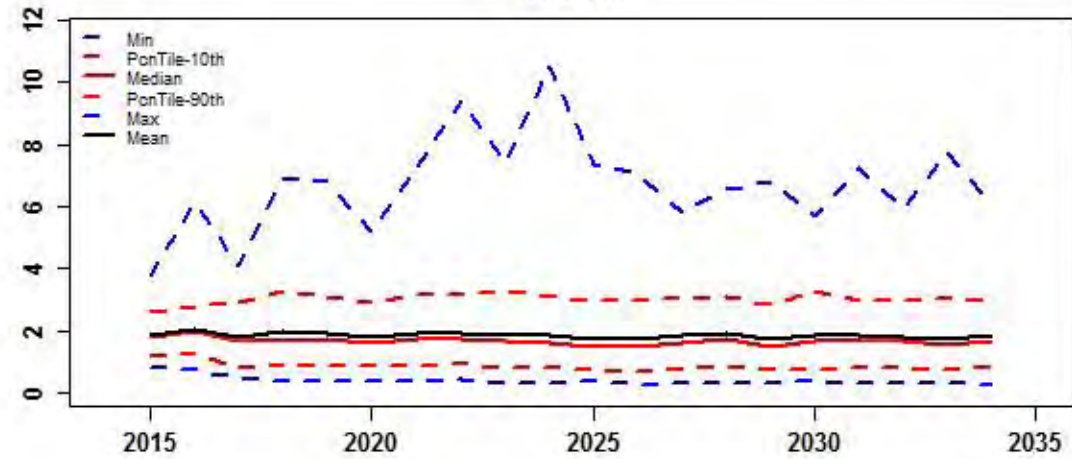
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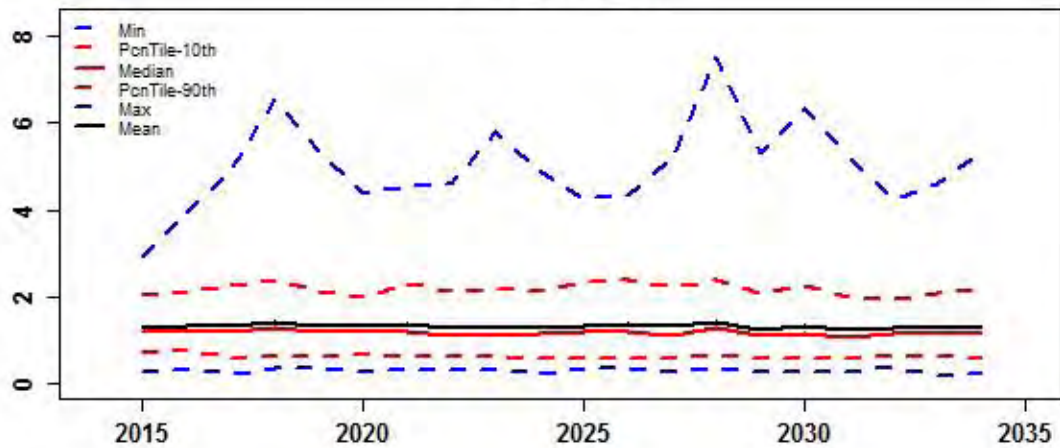
Midsurv1



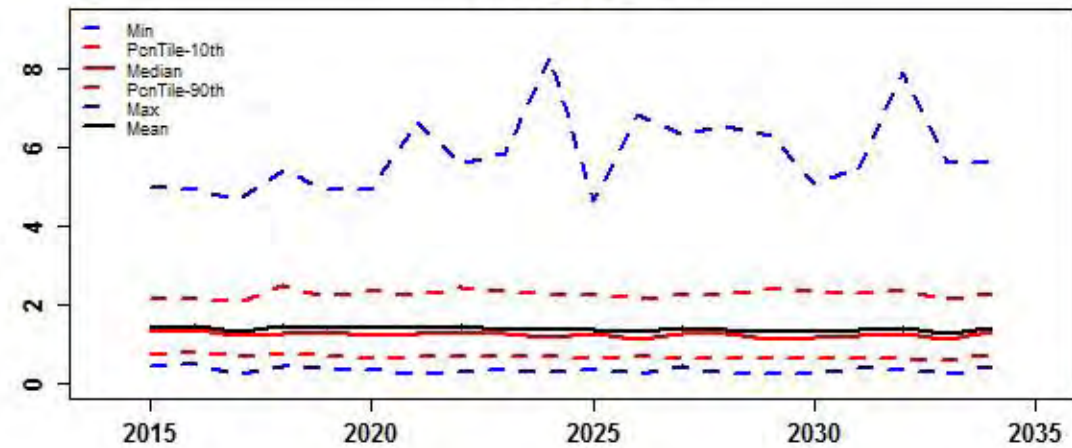
Midsurv2



Future_CPUE_TVH

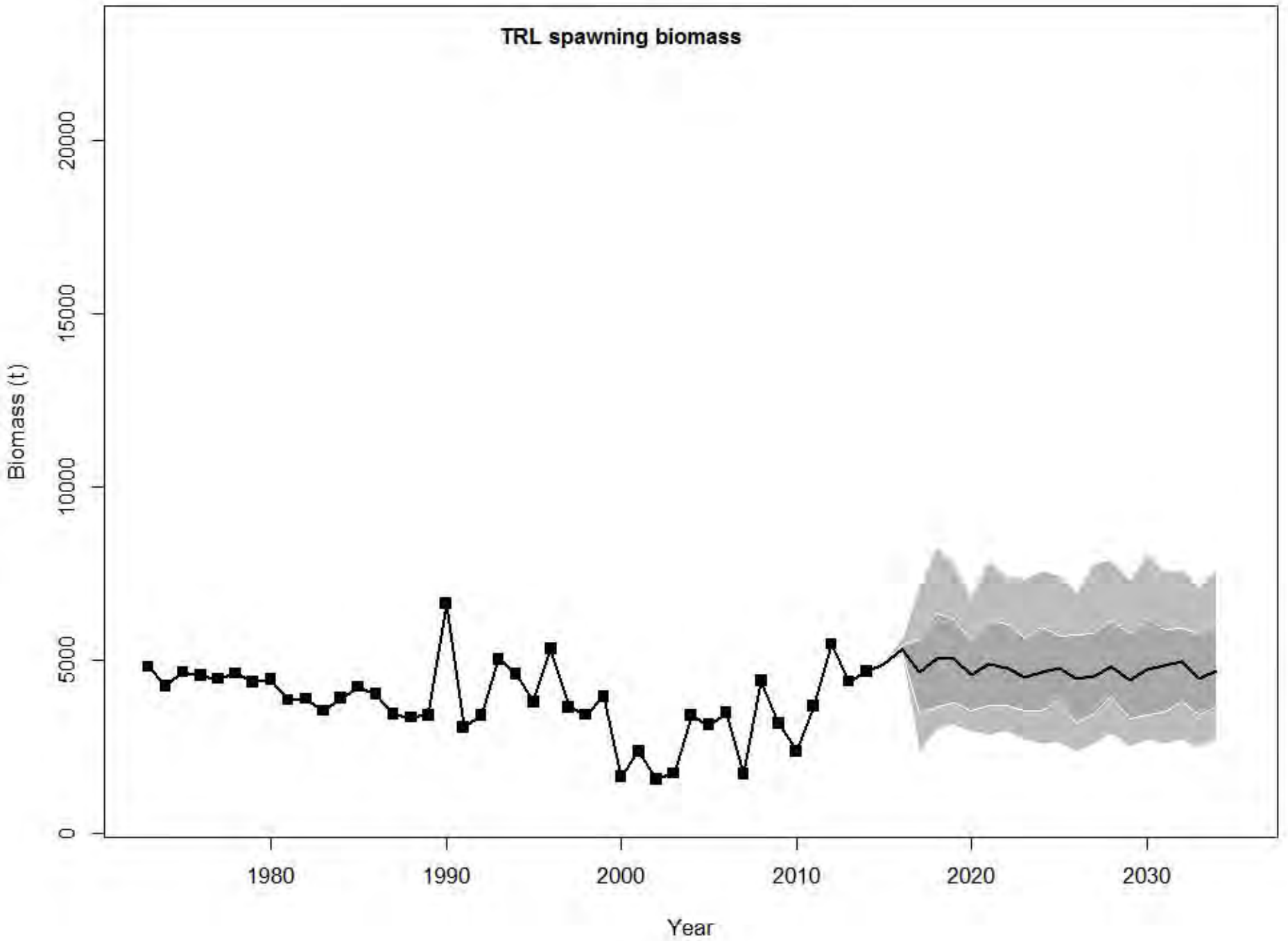


Future_CPUE_TIB

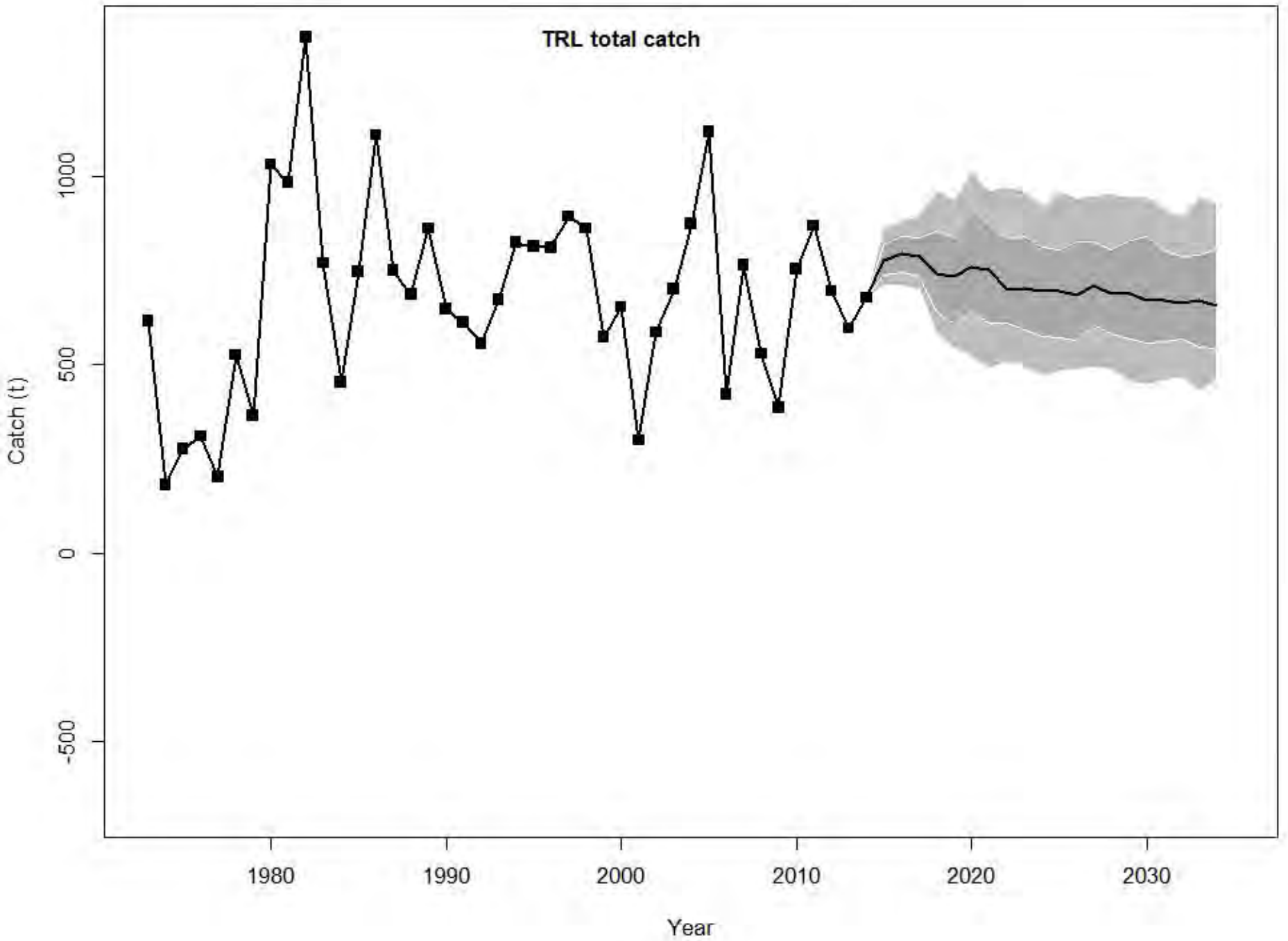


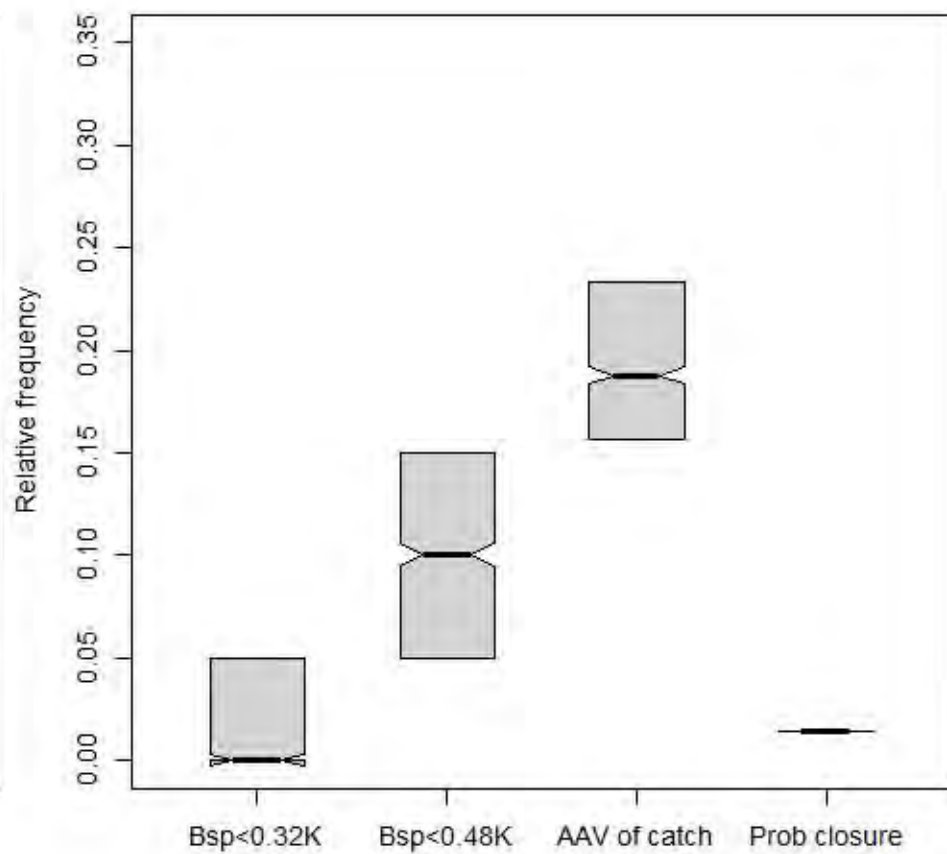
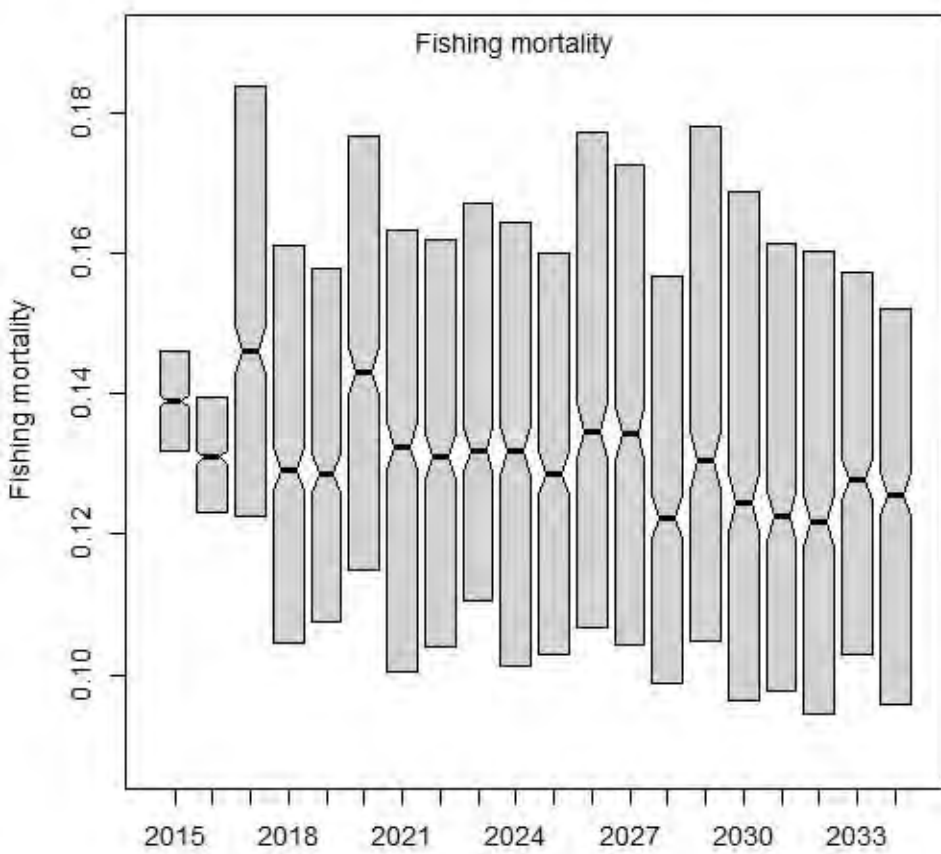
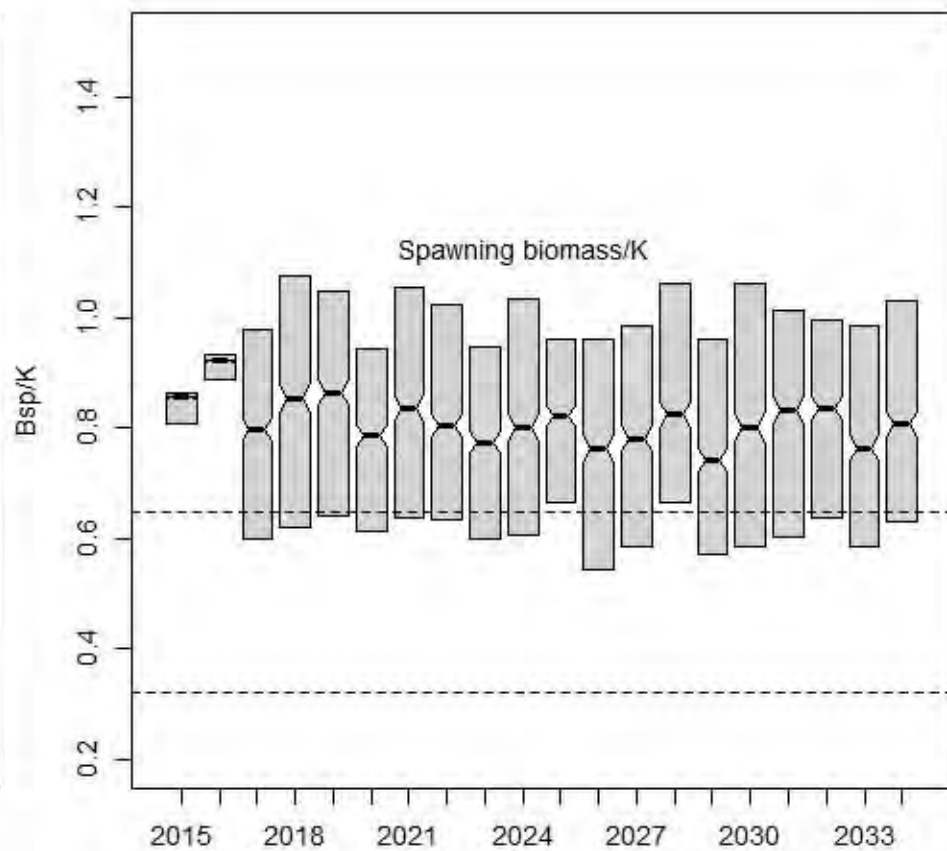
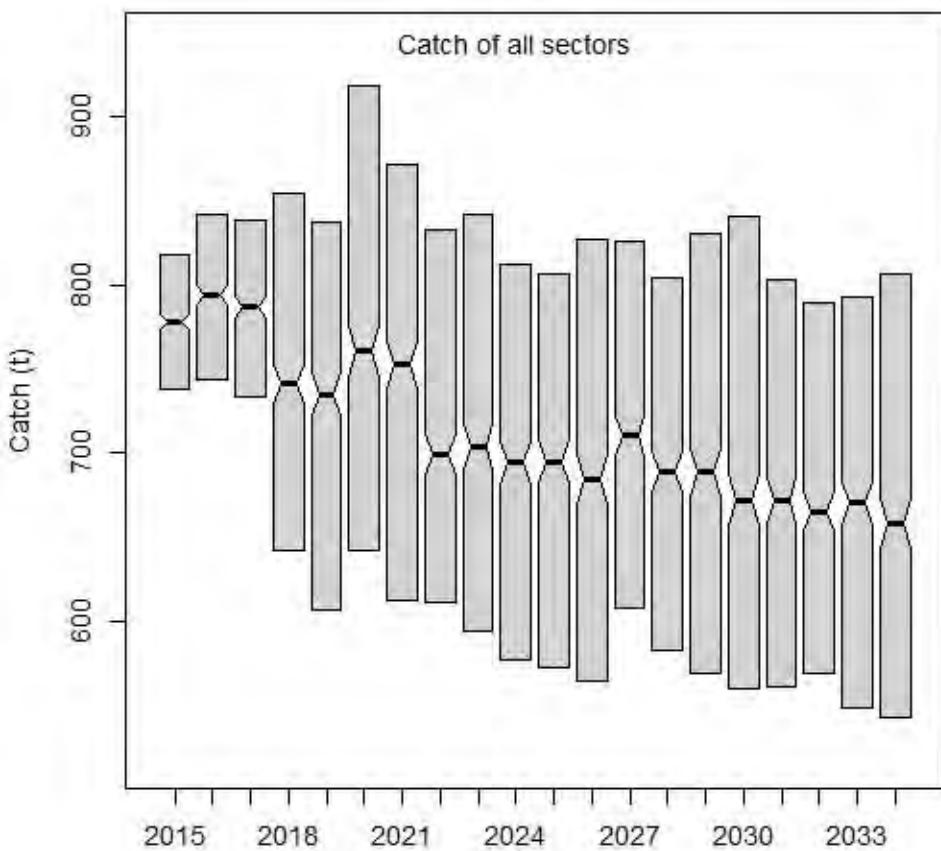
**HARVEST
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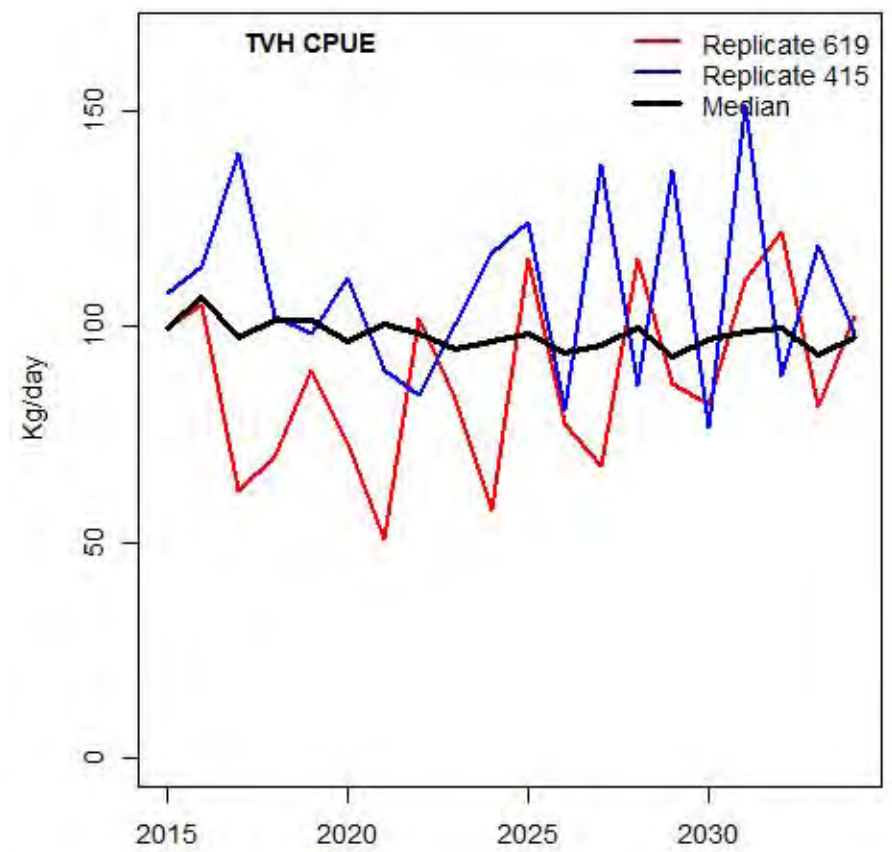
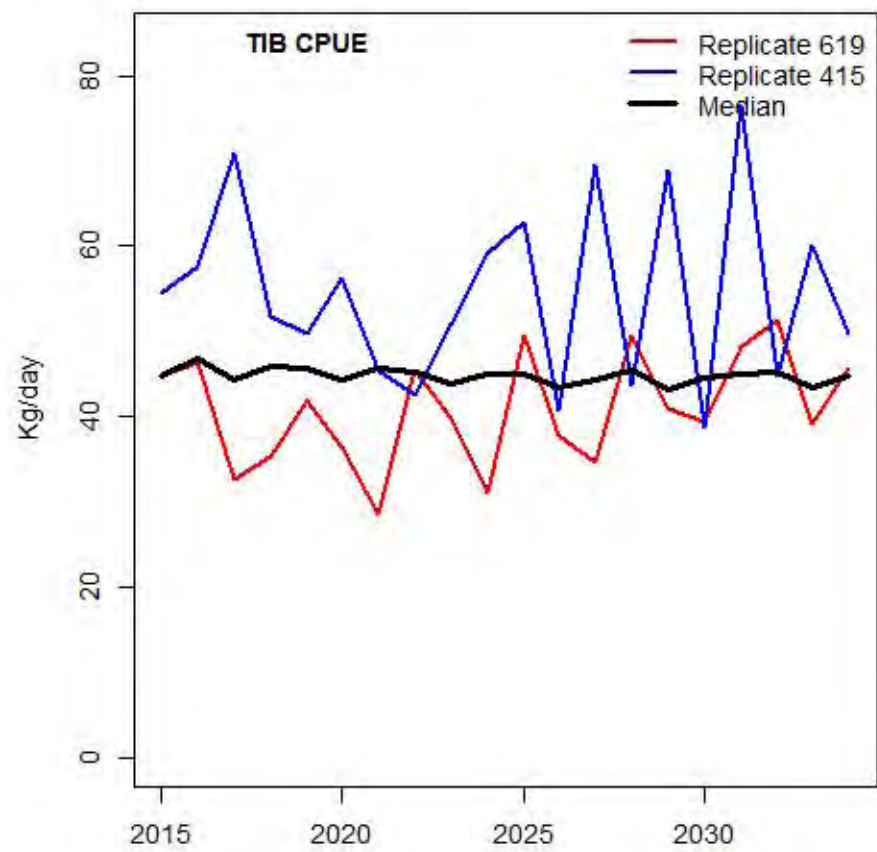
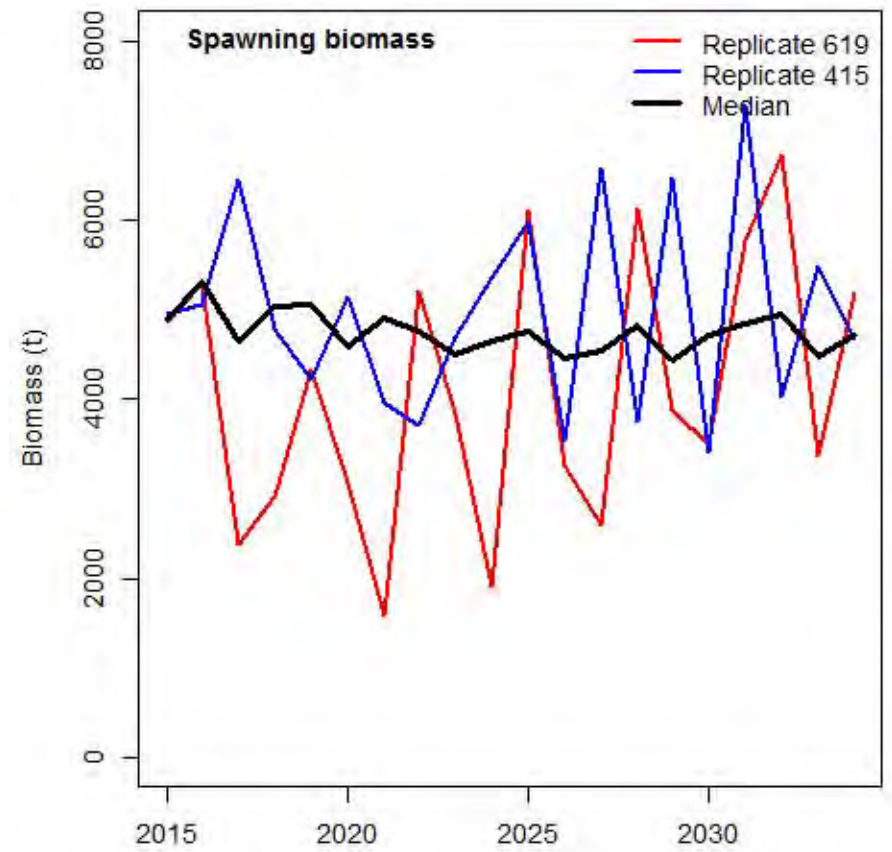
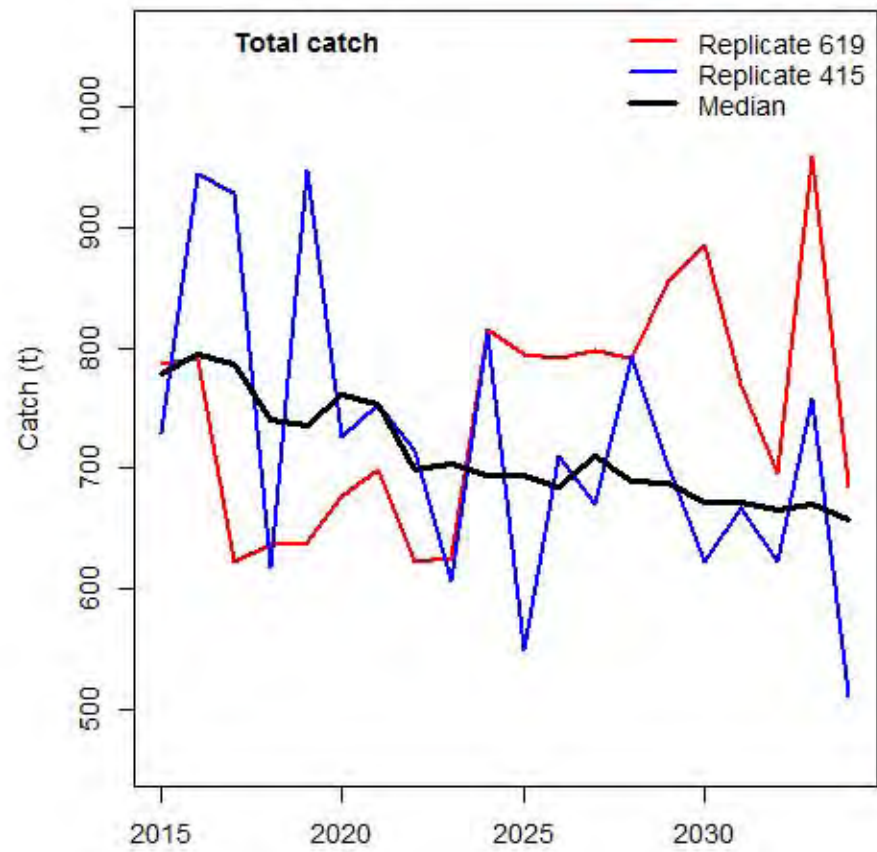
rHCR2



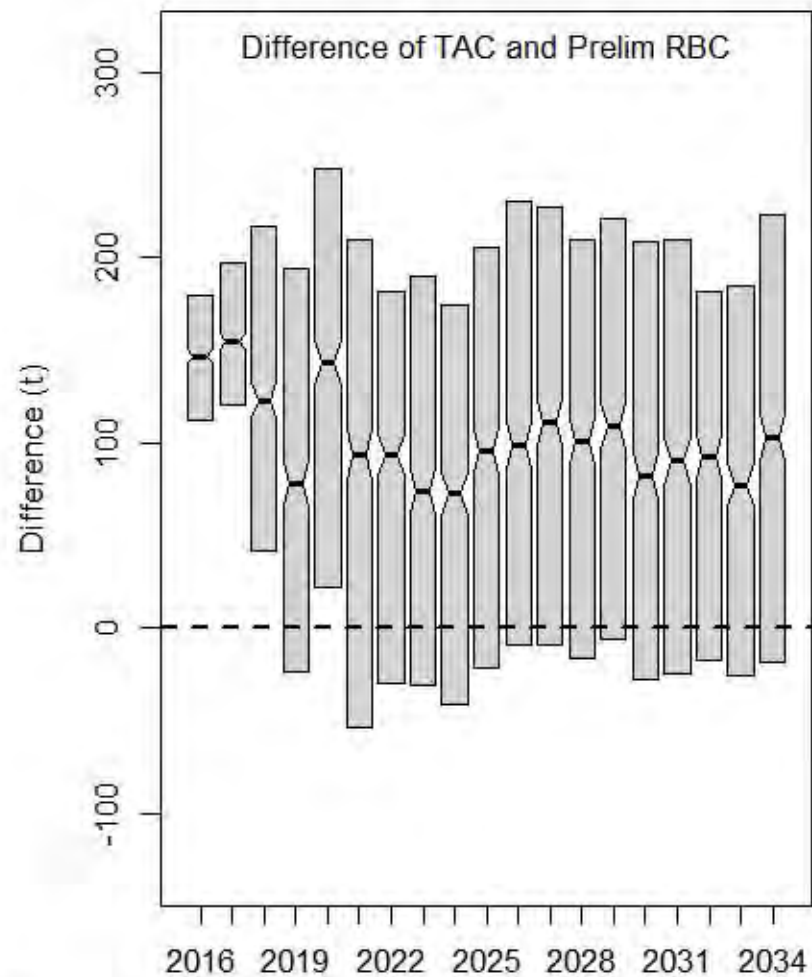
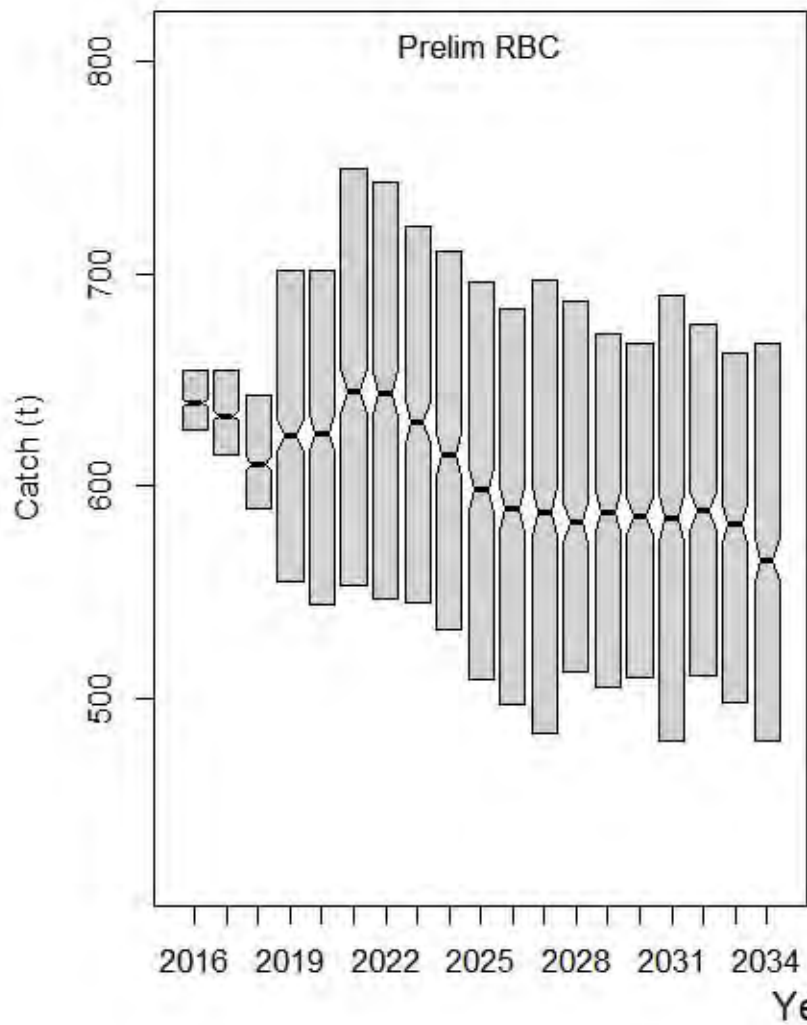
rHCR2



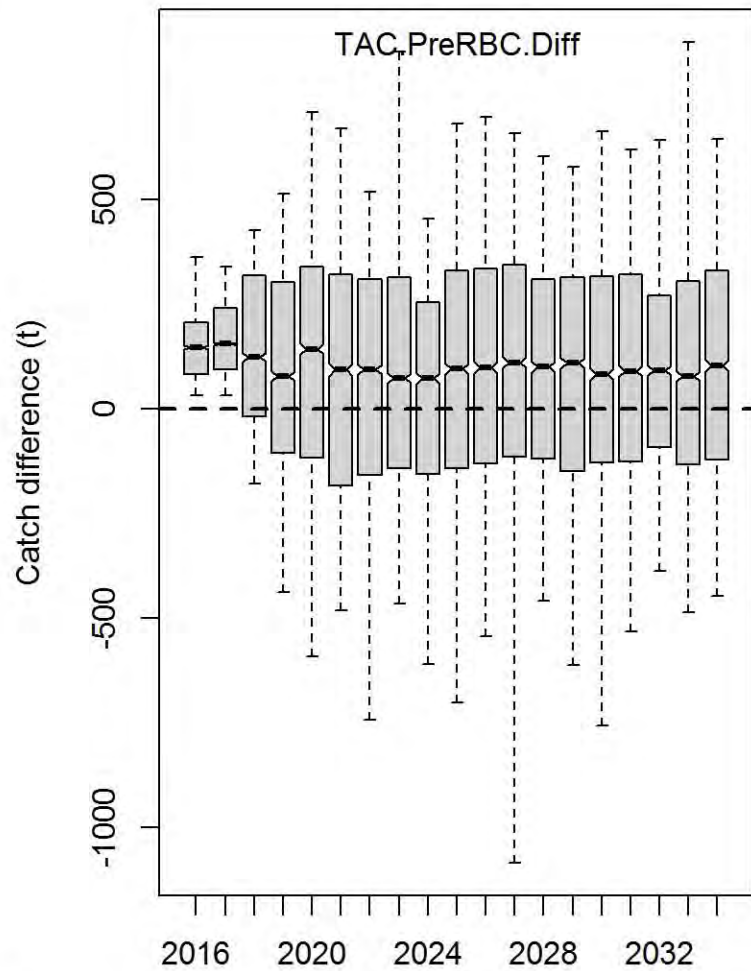
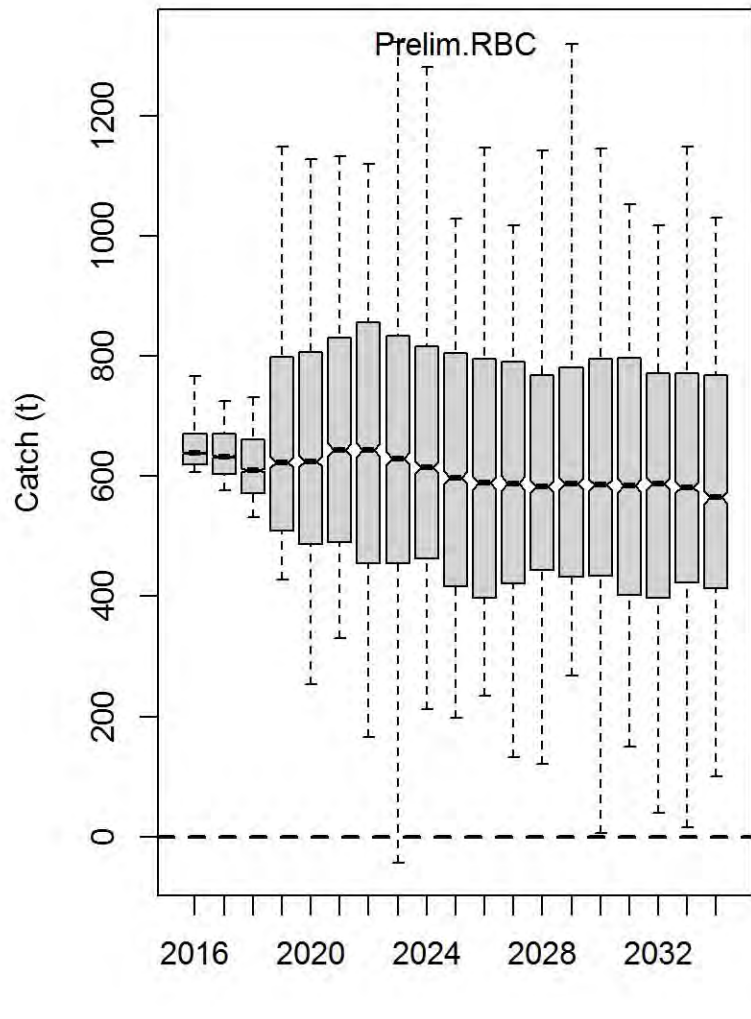




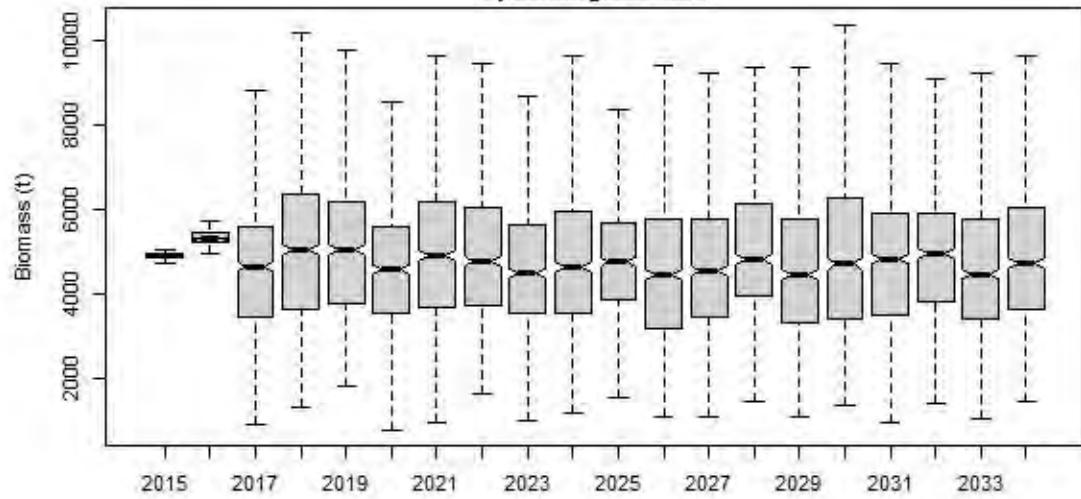
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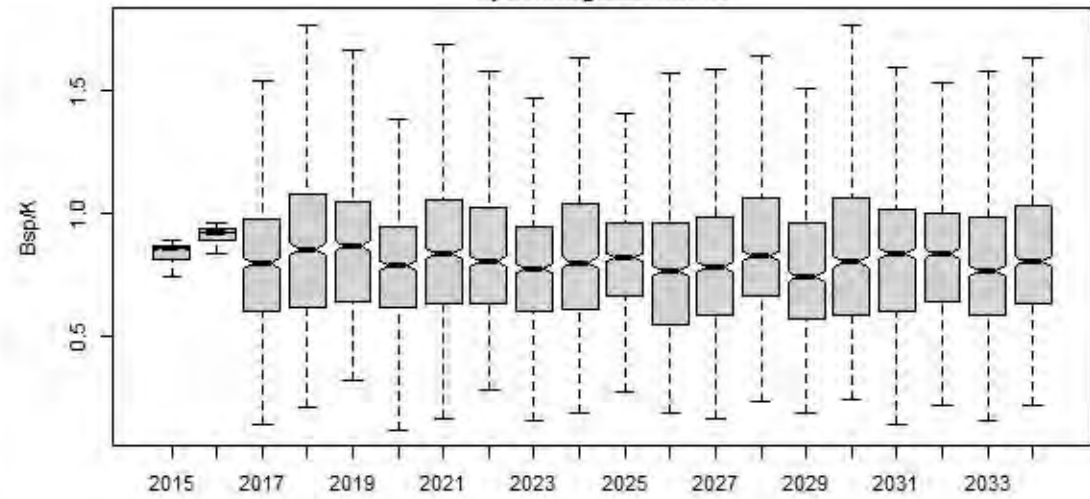
rHCR2



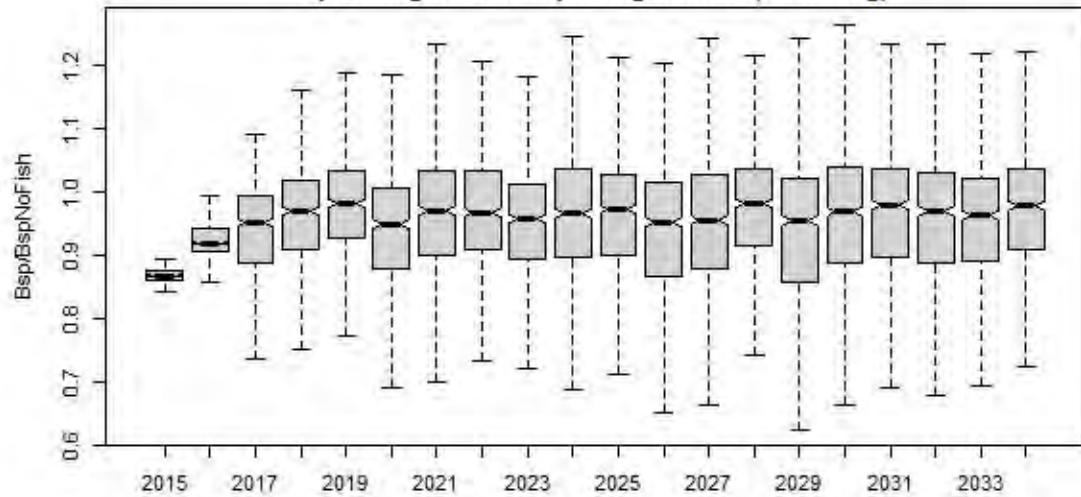
Spawning biomass



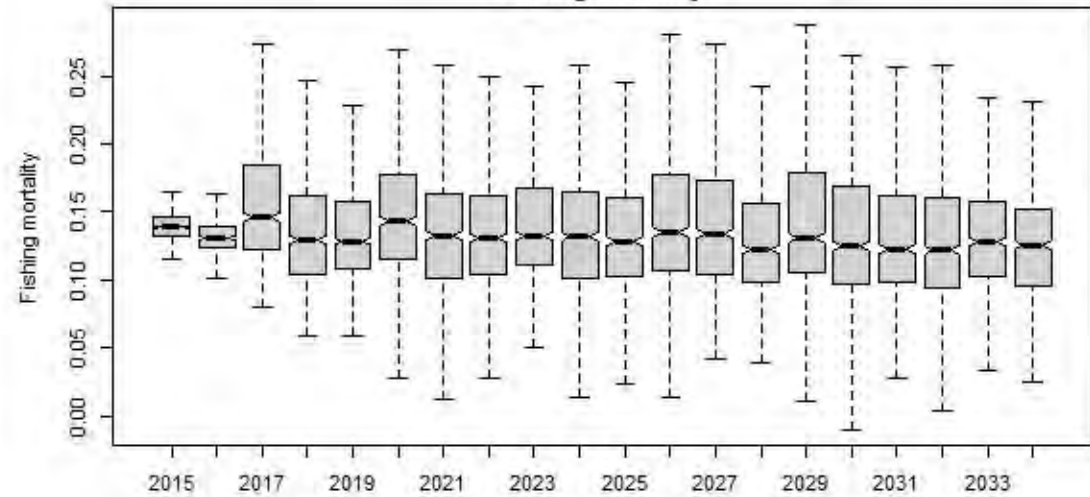
Spawning biomass/K



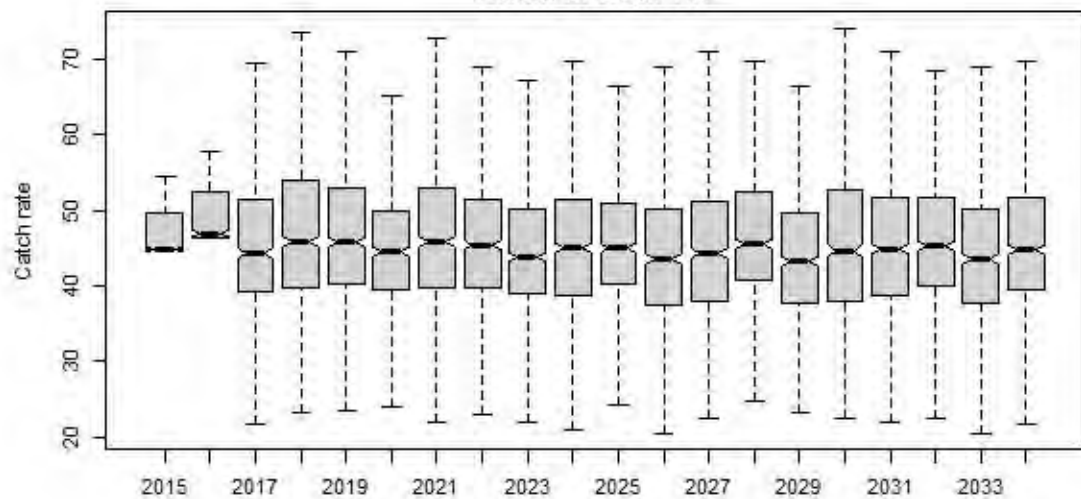
Spawning biomass/Spawning biomass(no fishing)



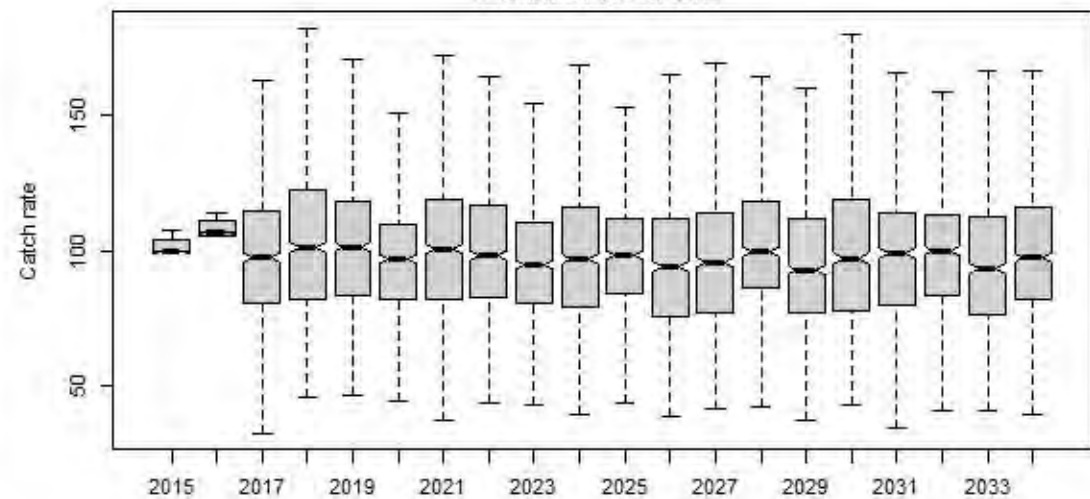
Fishing mortality



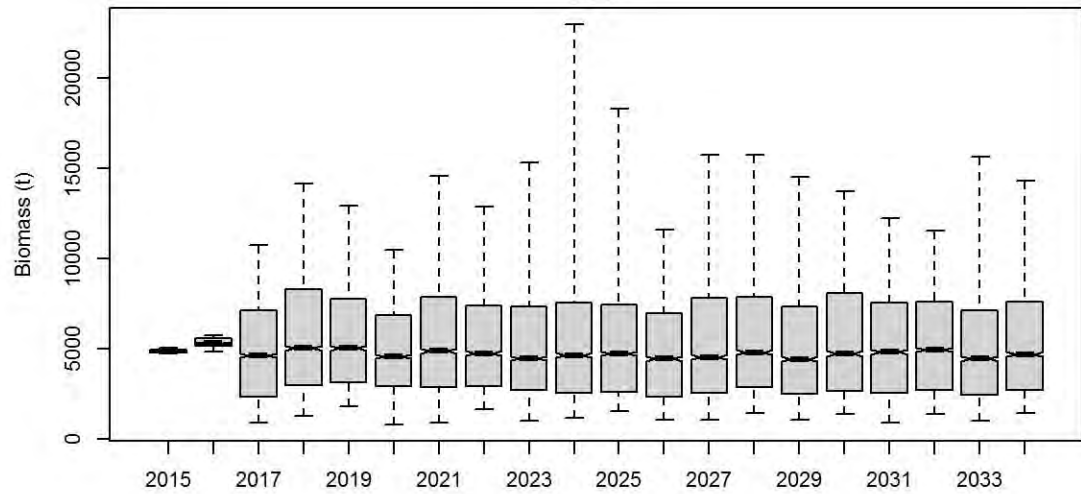
Actual CPUE of TIB



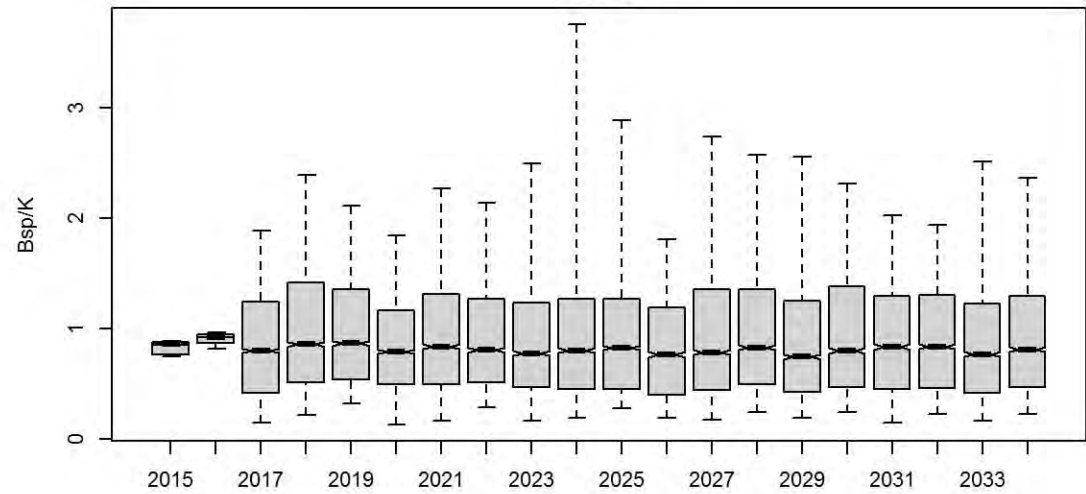
Actual CPUE of TVH



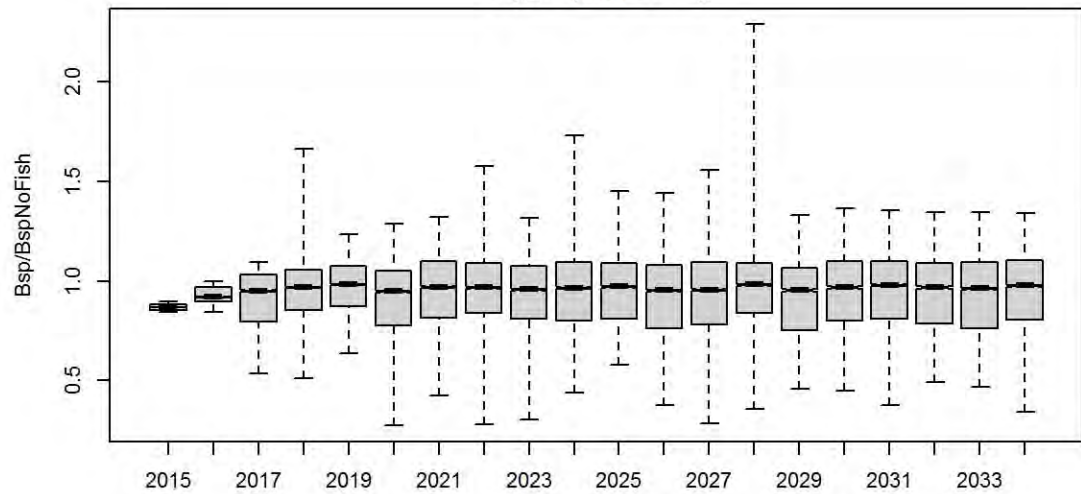
Bsp



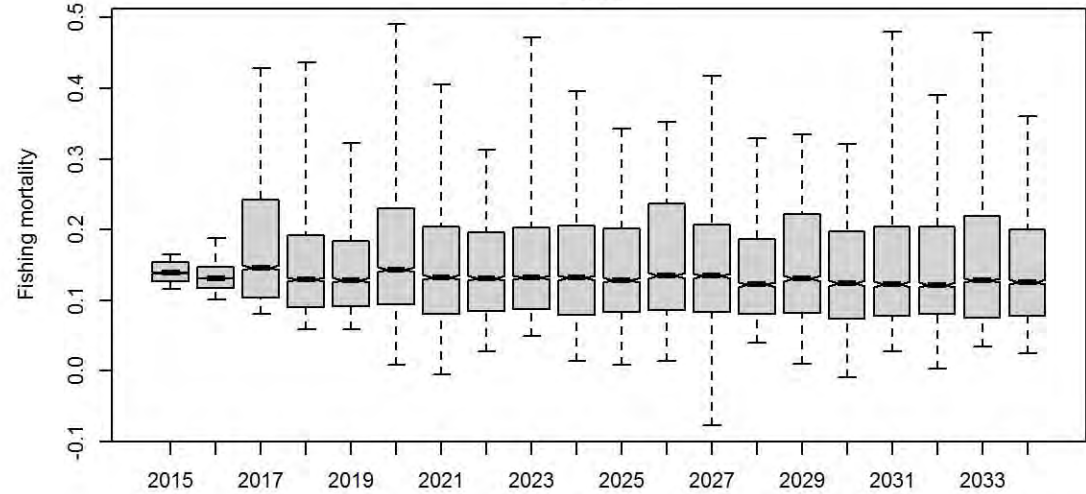
Bsp_K



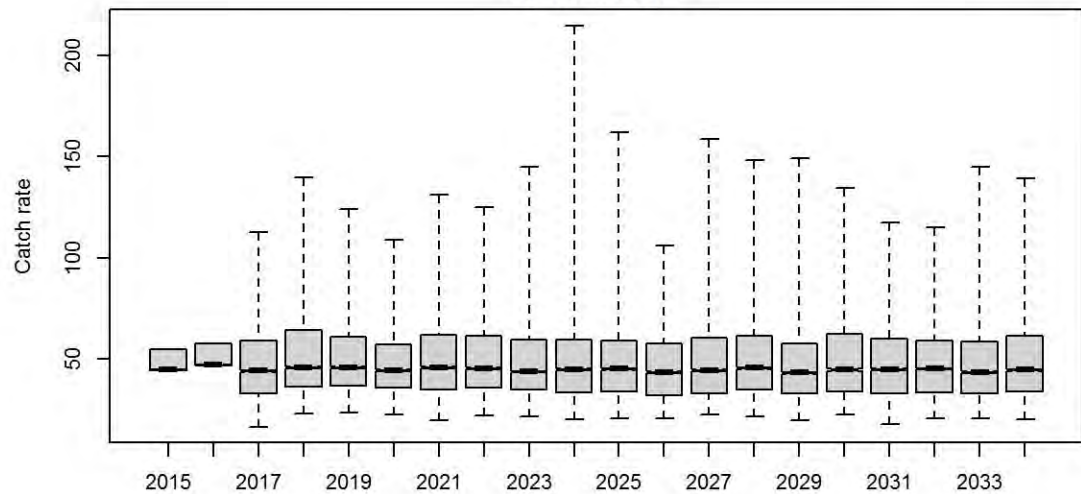
Bsp_BspNoFishing



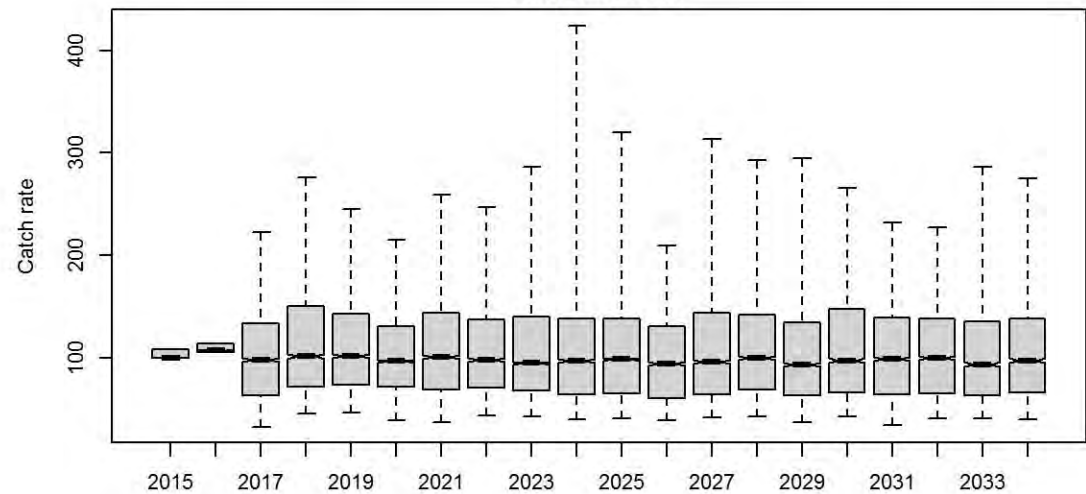
F.mal



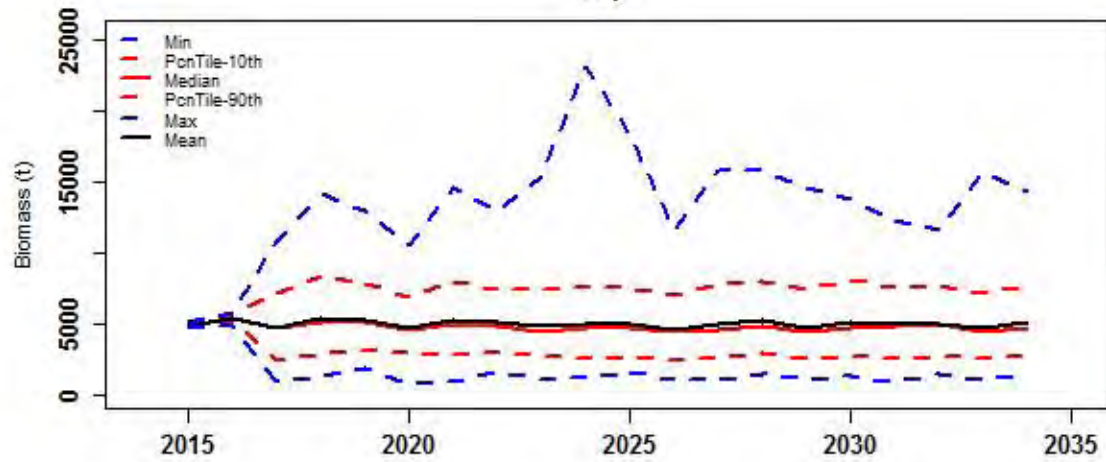
ActlCPUE.TIB



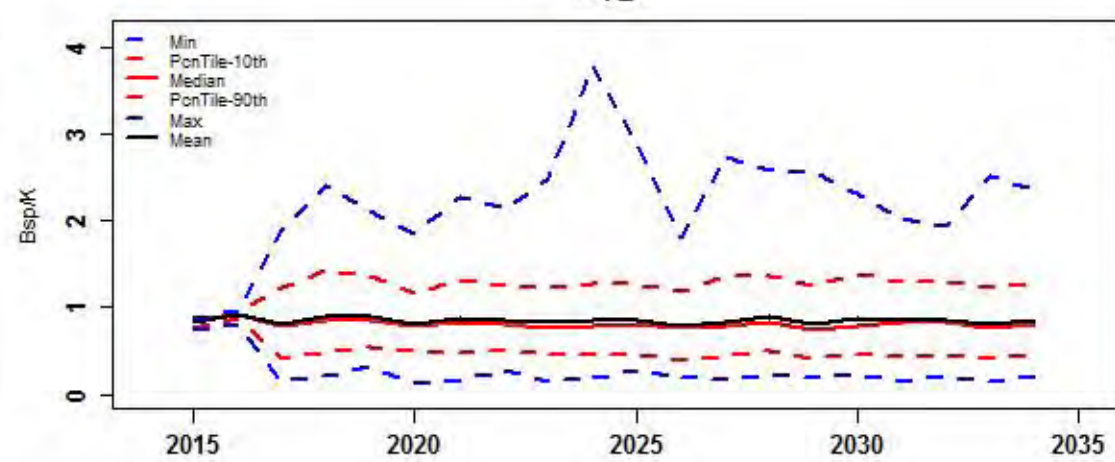
ActlCPUE.TVH



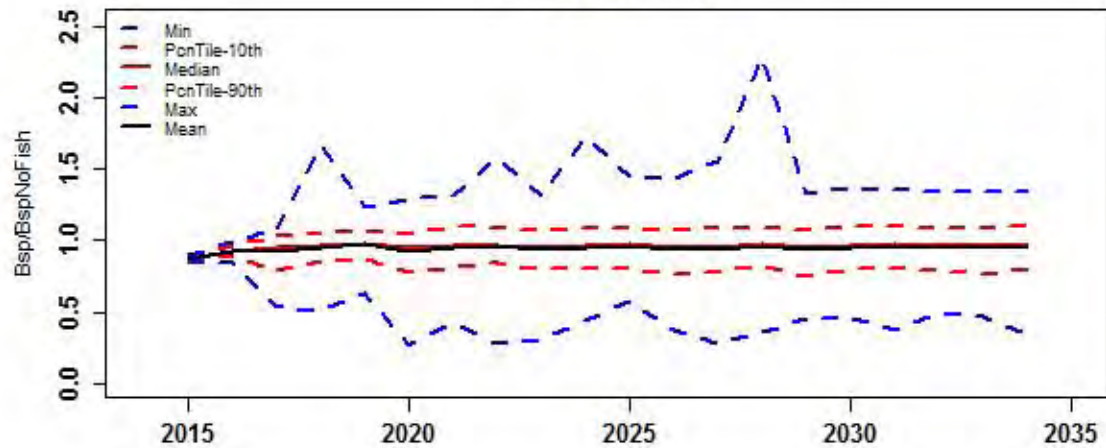
Bsp



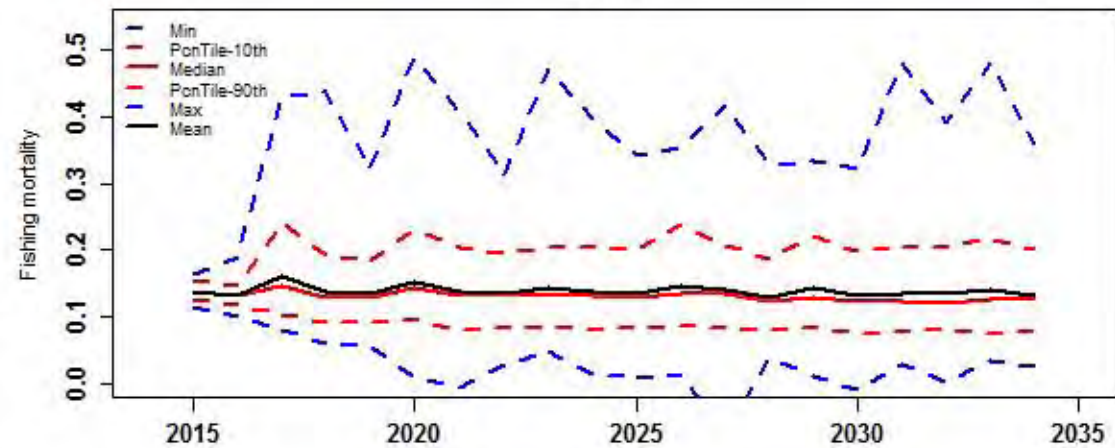
Bsp_K



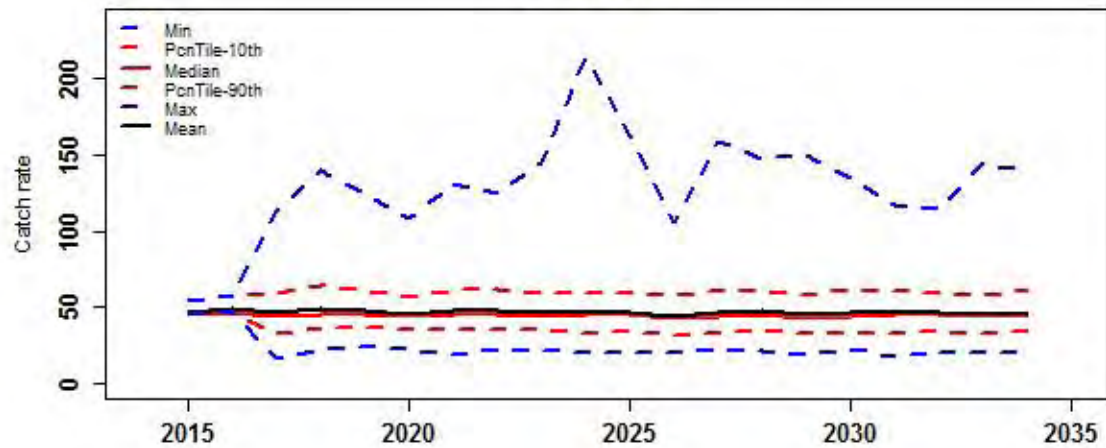
Bsp_BspNoFishing



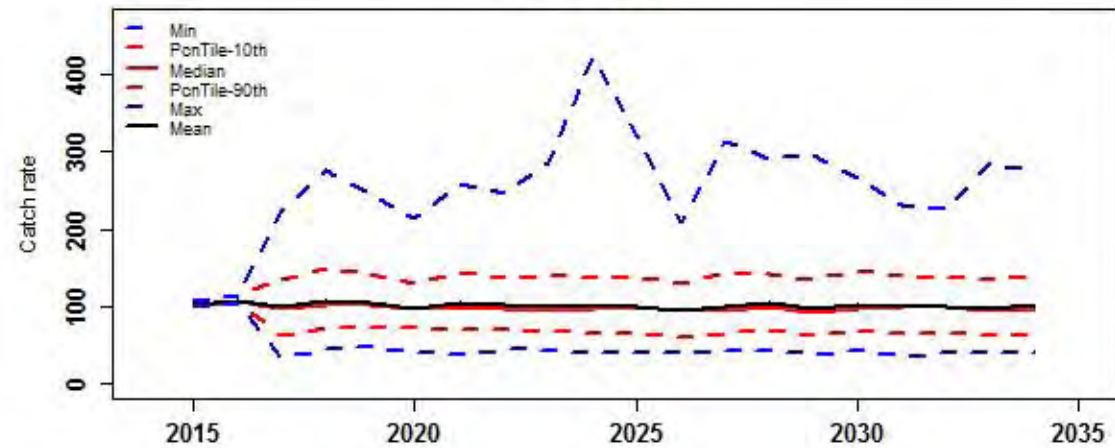
F.mal



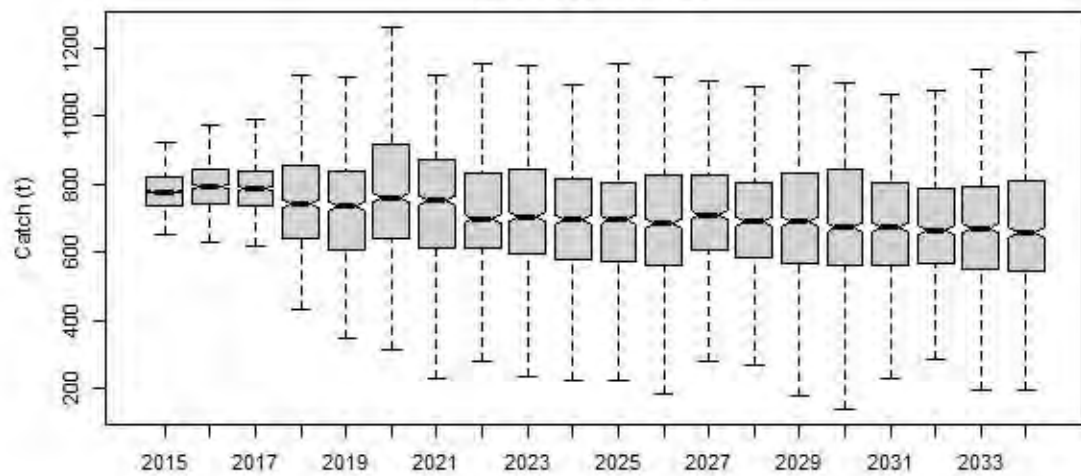
ActICPUE.TIB



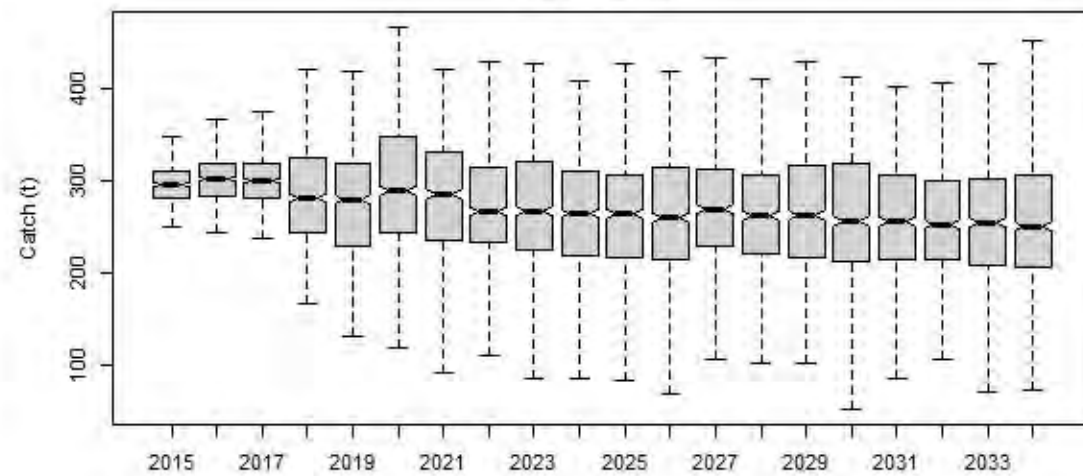
ActICPUE.TVH



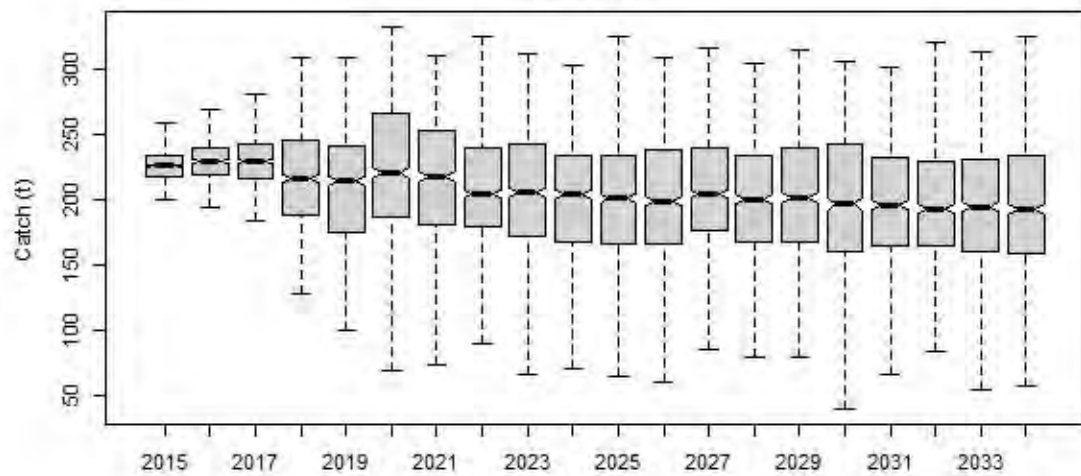
Catch of all sectors



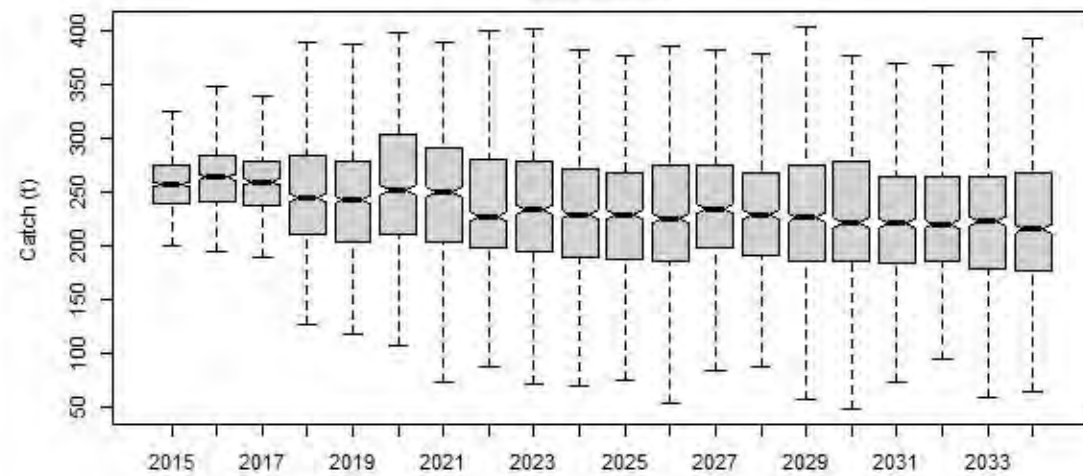
Catch of TIB



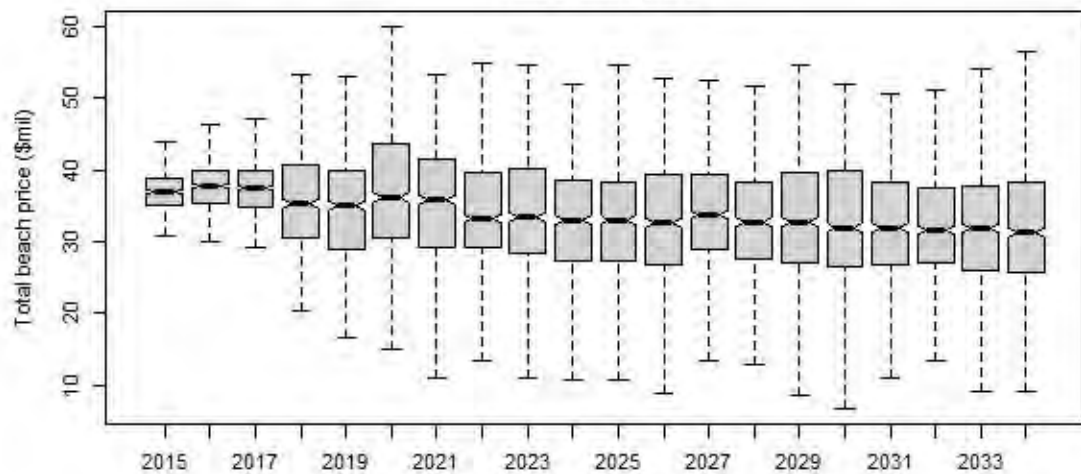
Catch of TVH



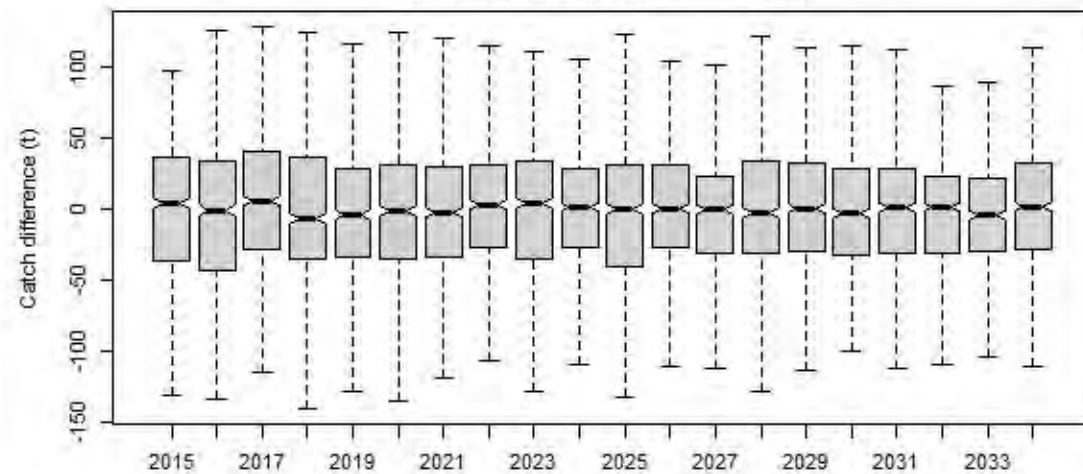
Catch of PNG



Total beach price

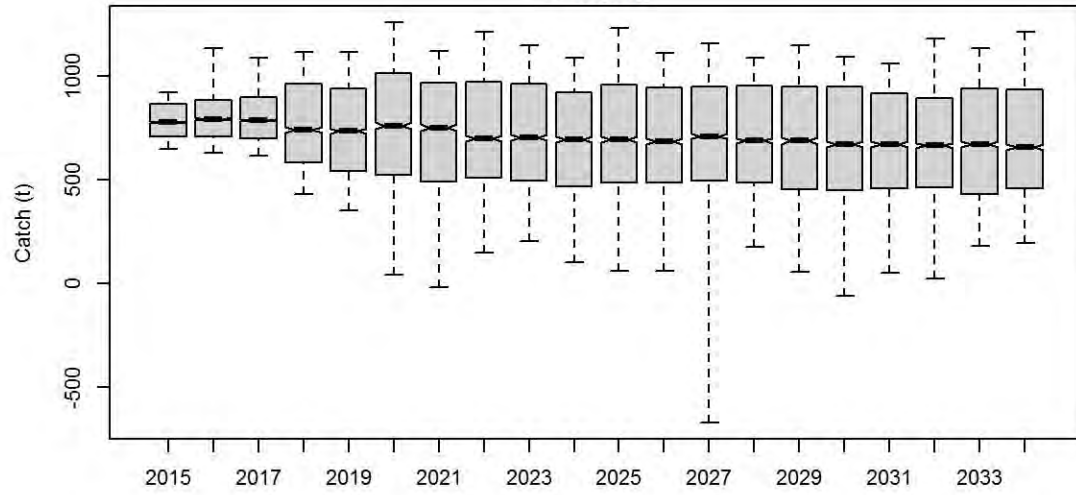


Difference of TAC and actual catch

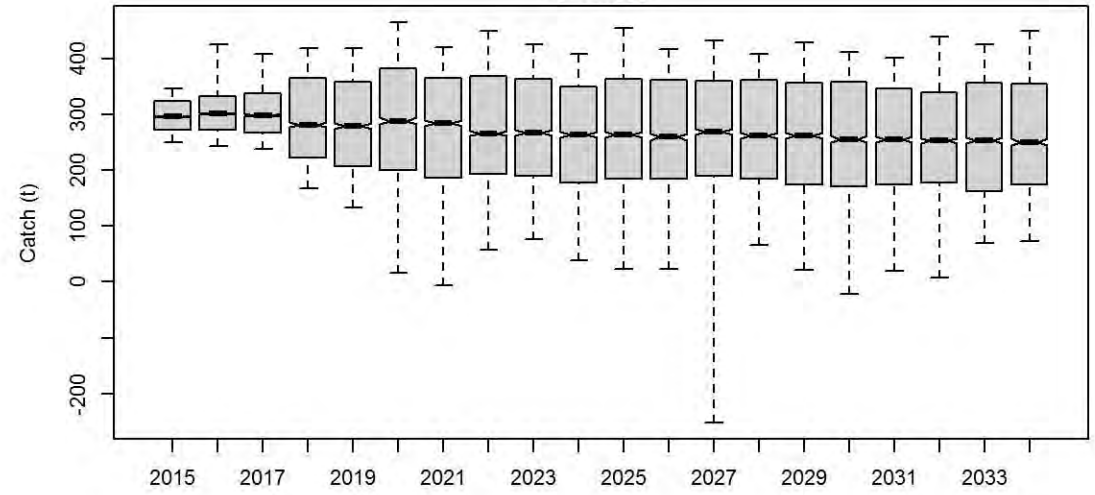


rHCR2

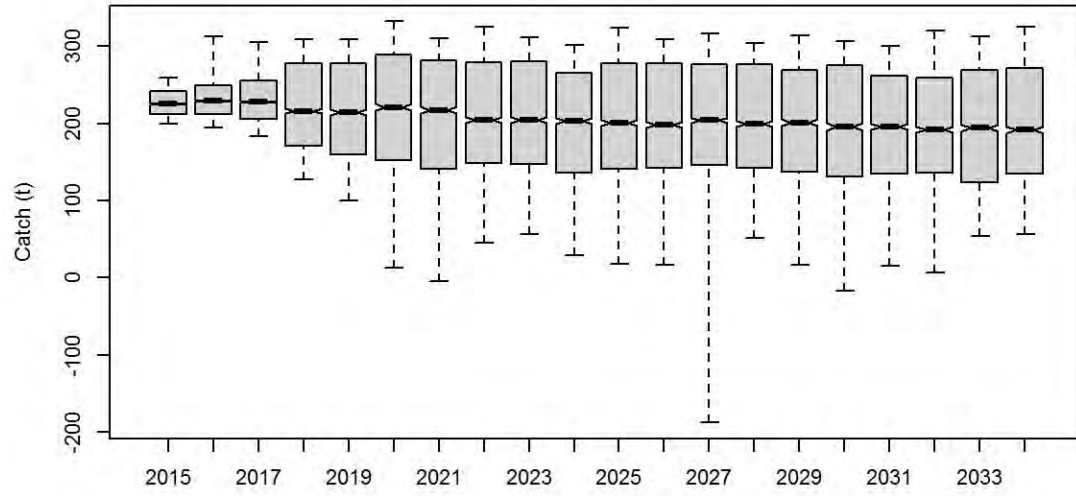
Catch.all



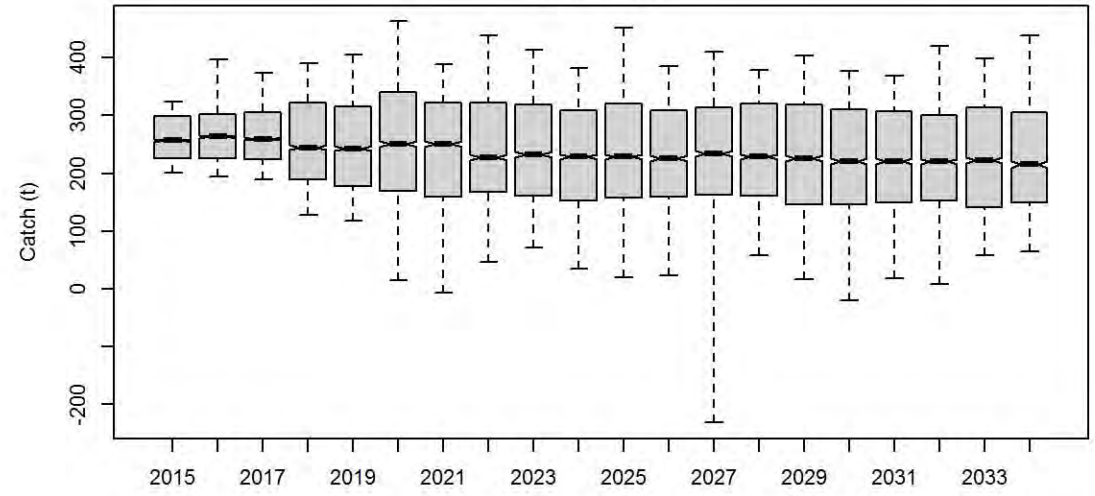
Catch.TIB



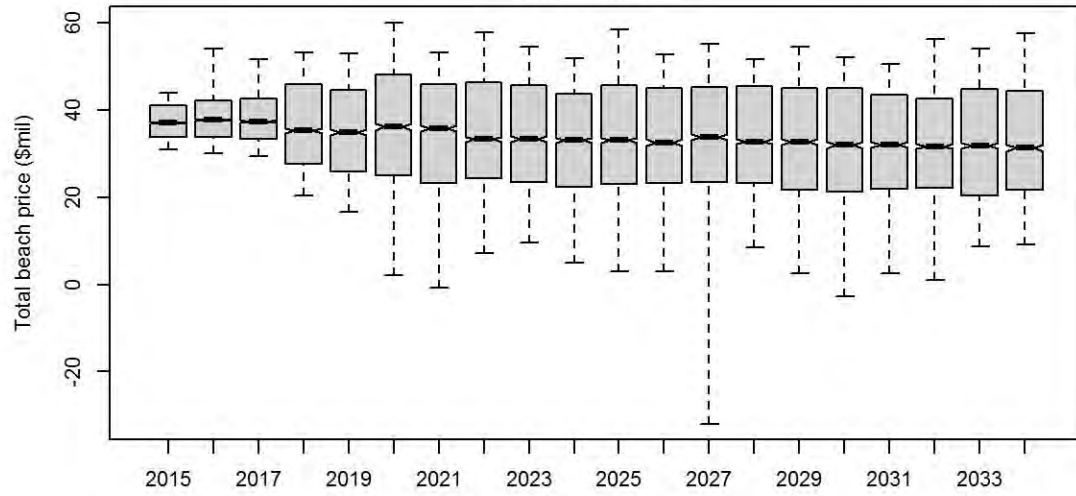
Catch.TVH



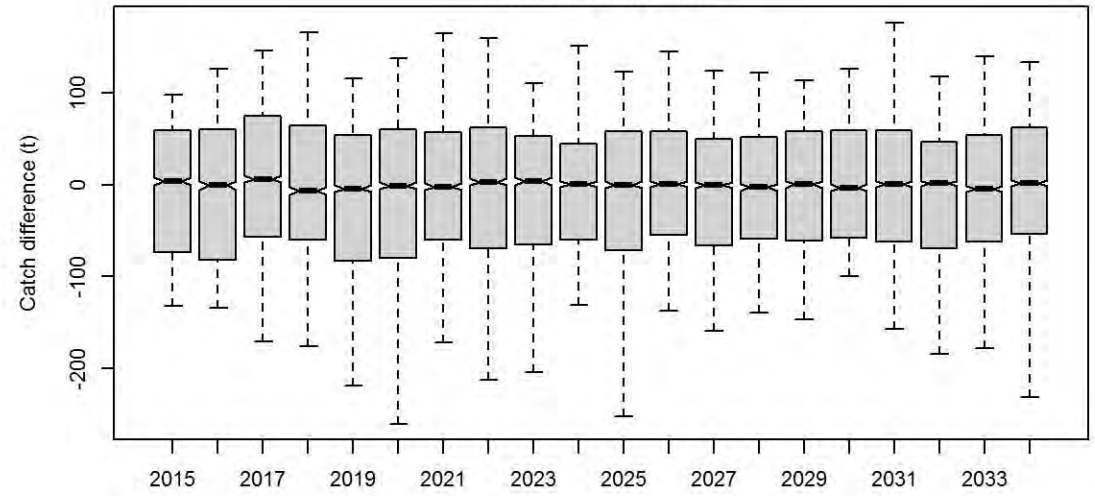
Catch.PNG



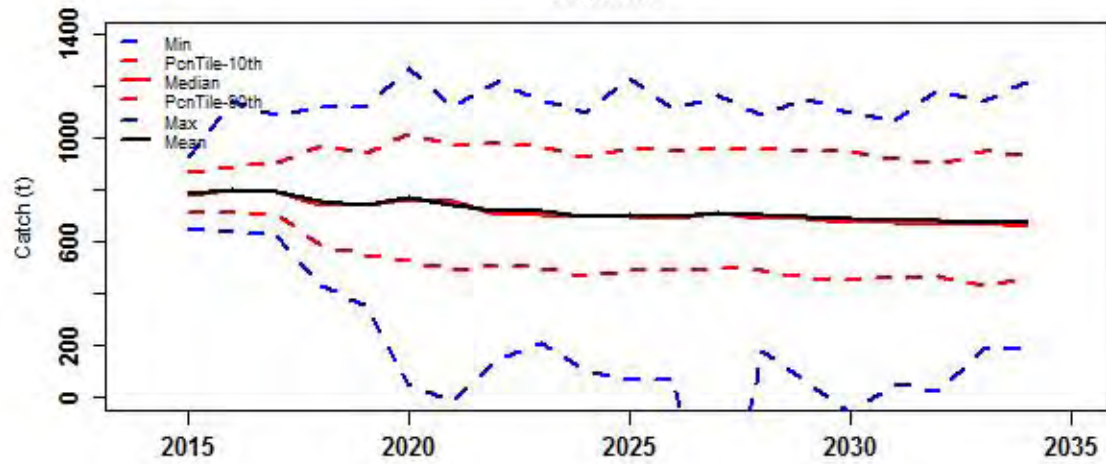
TotBeachPrice



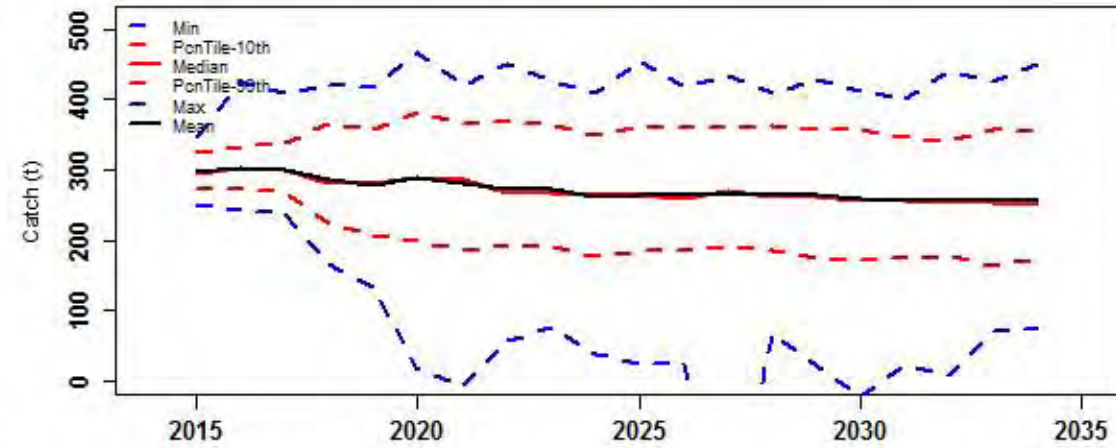
Diff.TAC.actlCatch



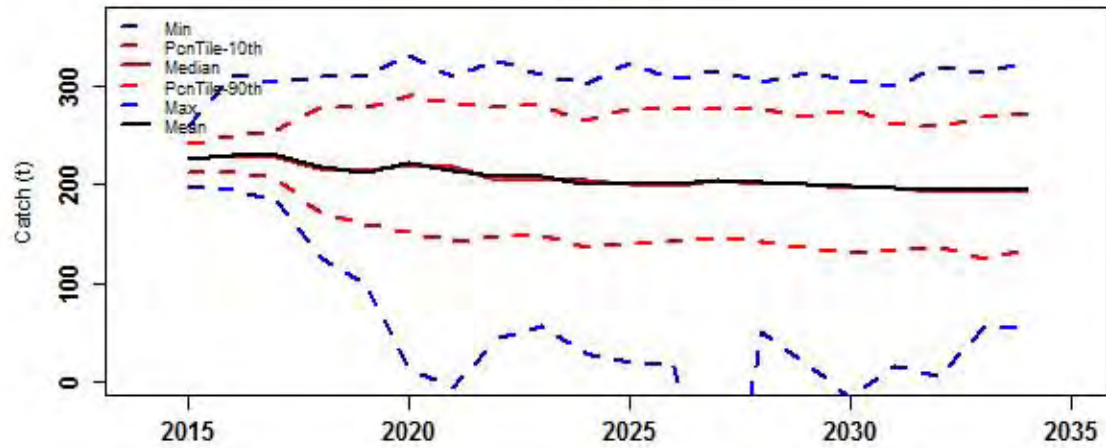
Catch.all



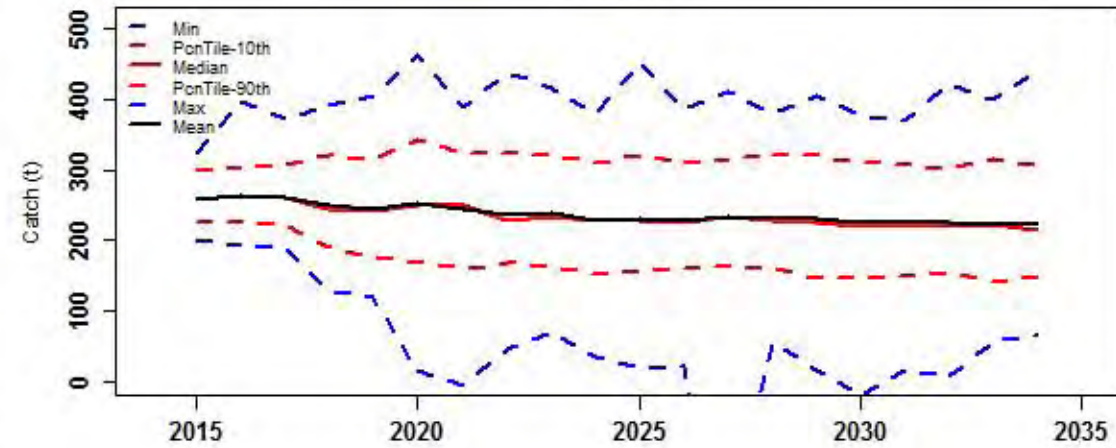
Catch.TIB



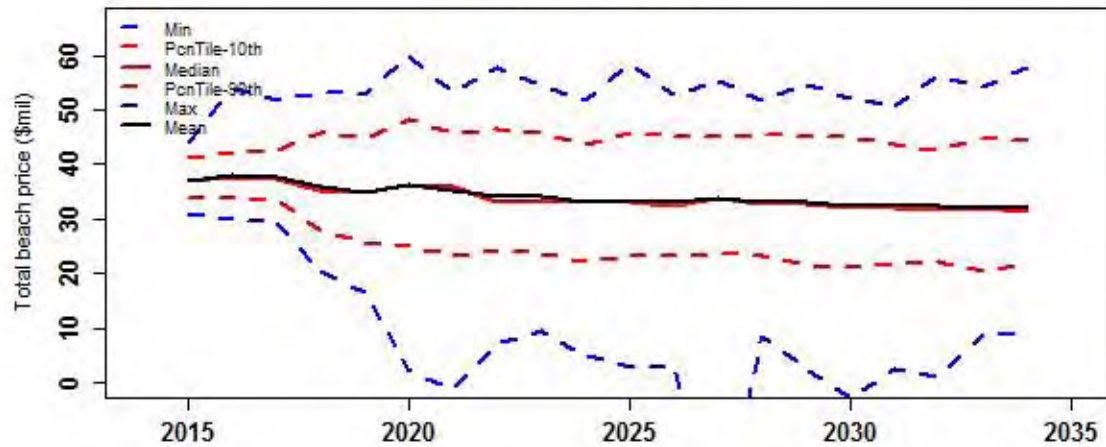
Catch.TVH



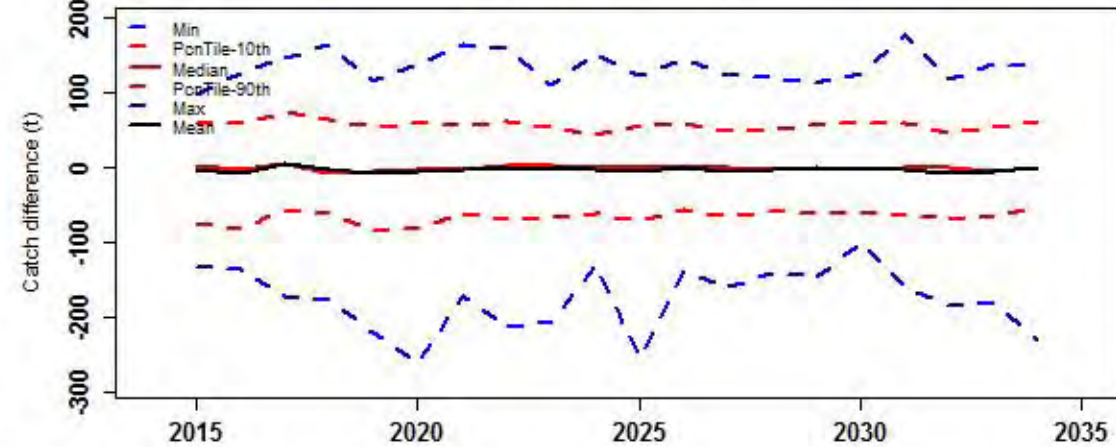
Catch.PNG



TotBeachPrice



Diff.TAC.actlCatch



Risk properties

probability

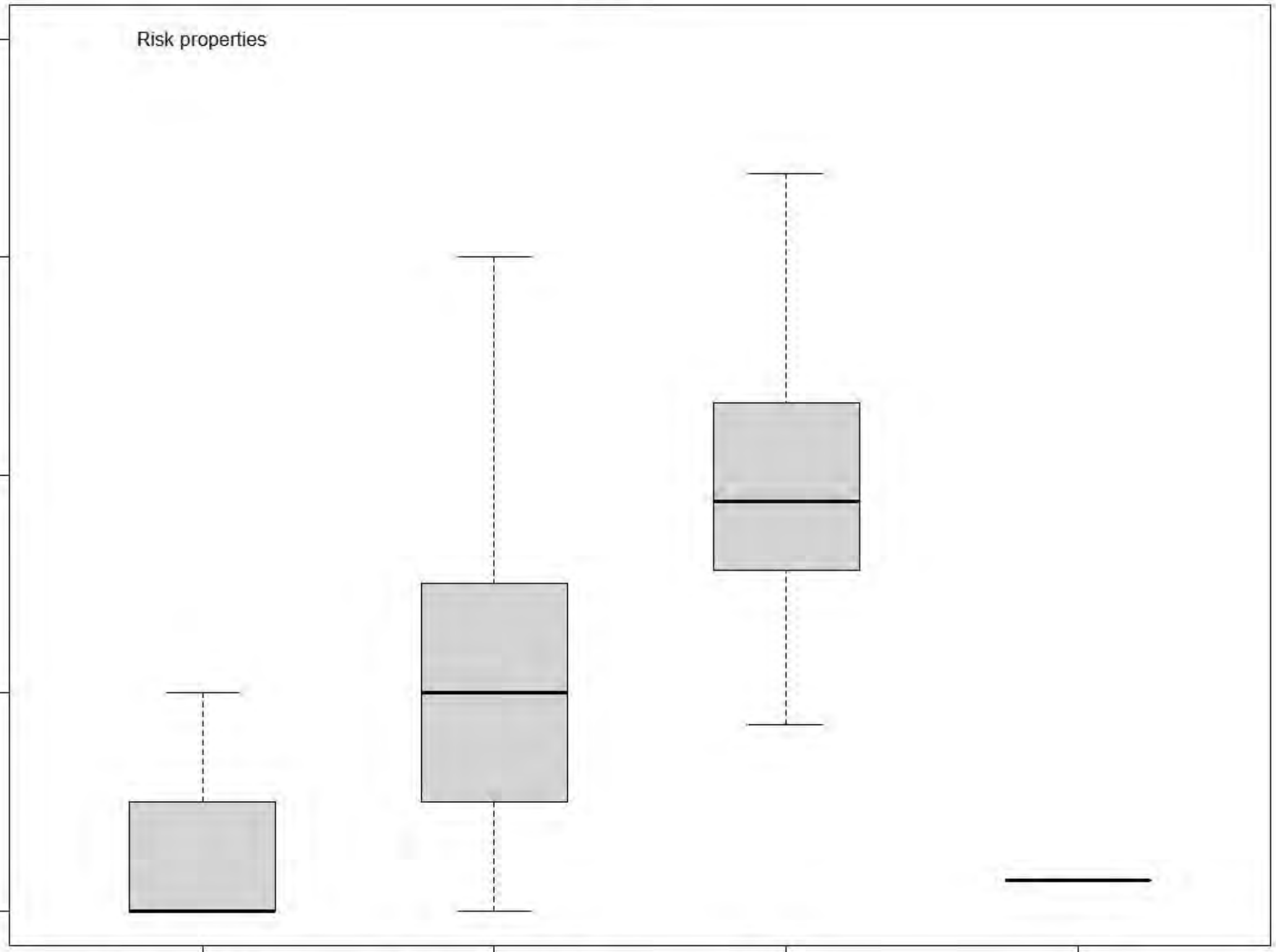
0.4
0.3
0.2
0.1
0.0

Prop_times_Bsp.0.32K

Prop_times_Bsp.0.48K

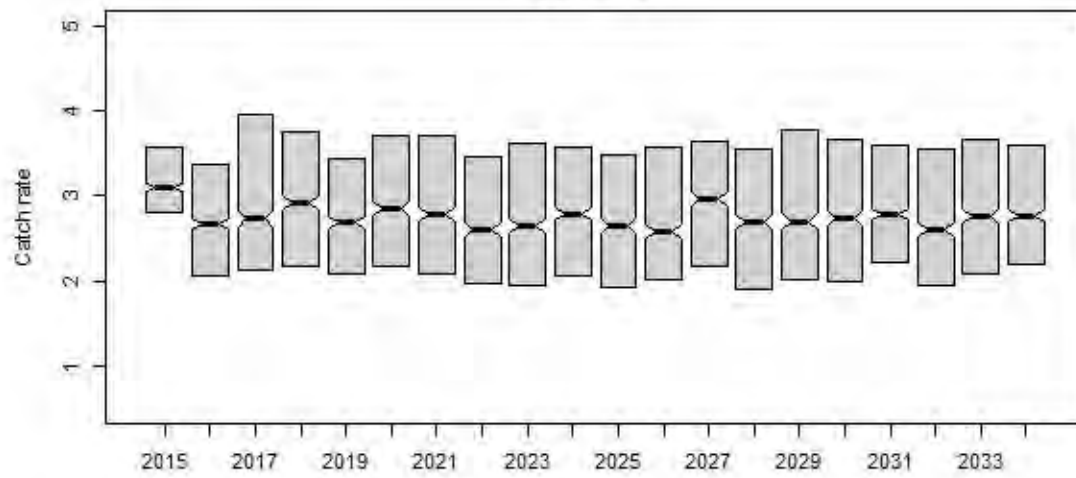
AAV_catch

Prob_Closure

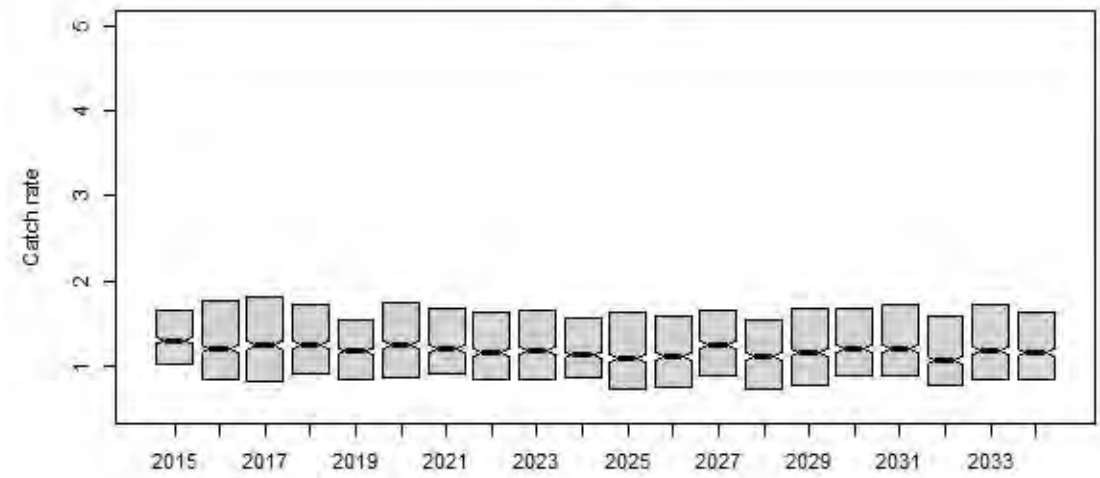


rHCR2

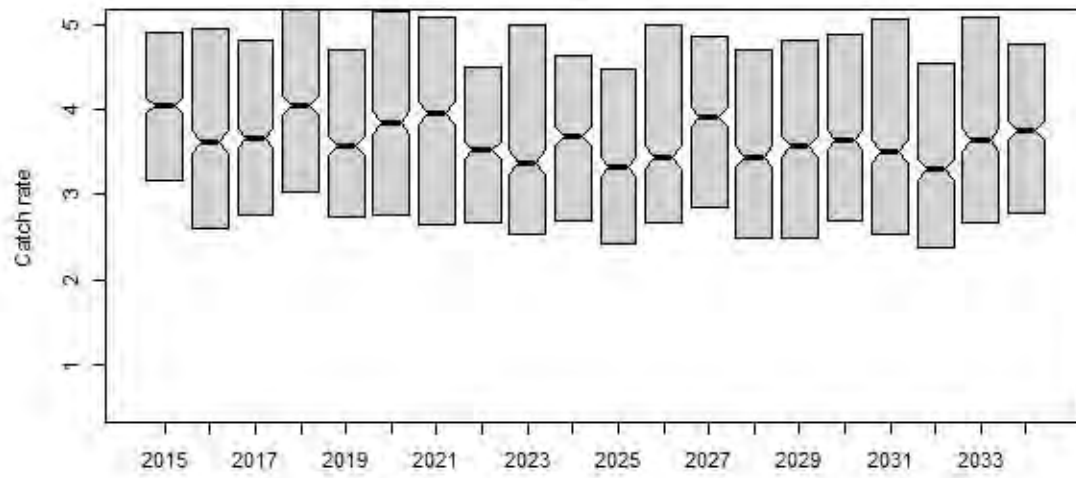
Preseas1



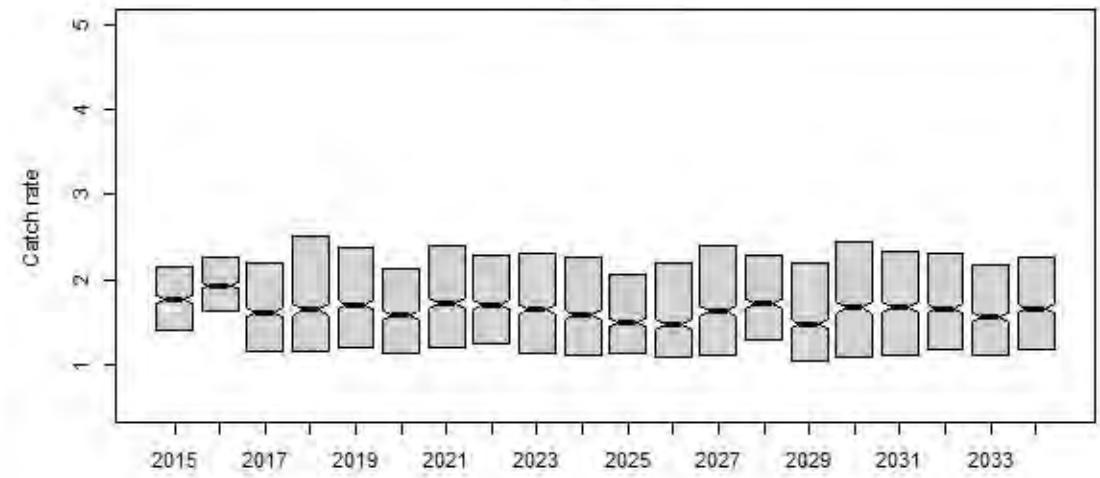
Preseas0



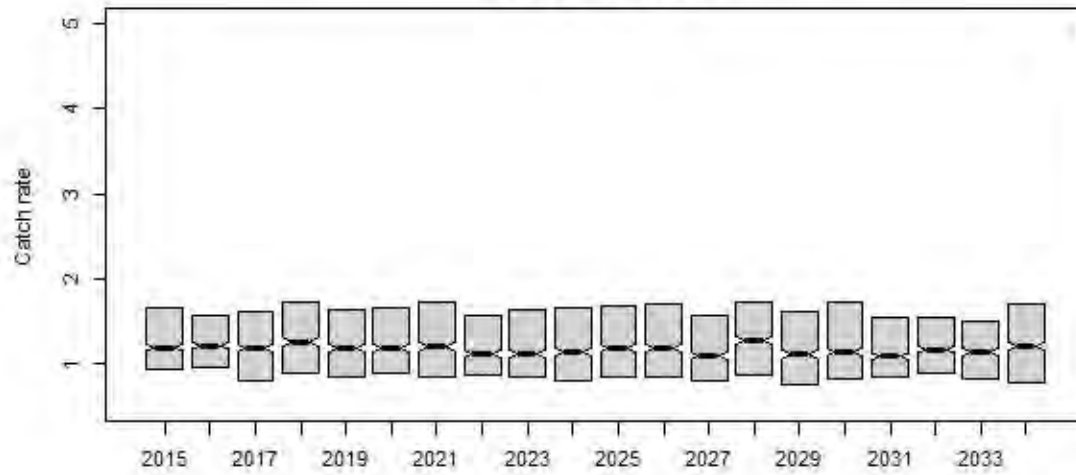
Midsurv1



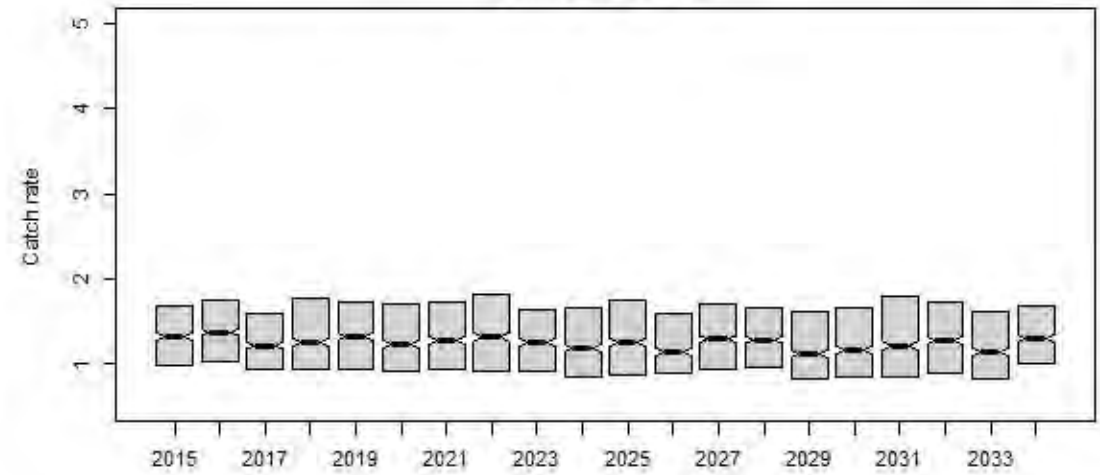
Midsurv2



Future_CPUE_TVH

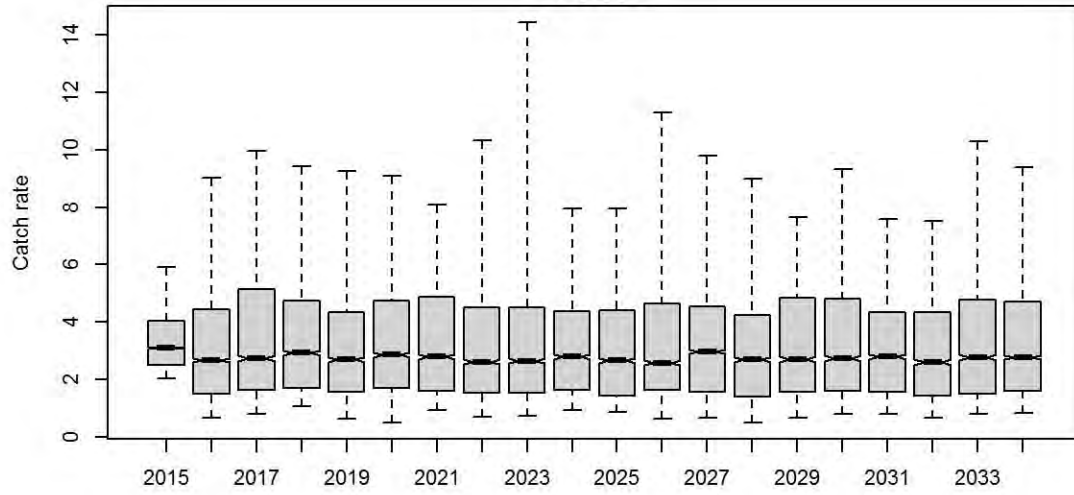


Future_CPUE_TIB

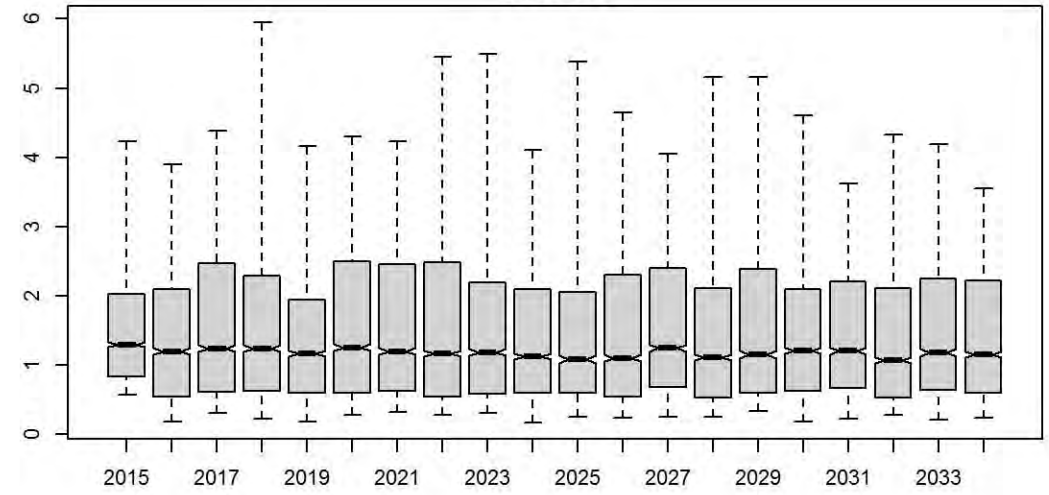


rHCR2

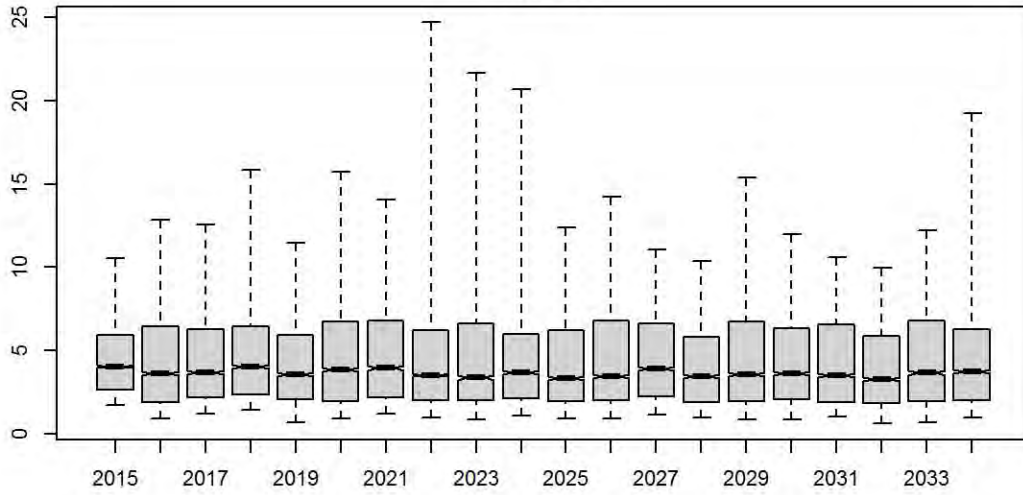
Preseas1



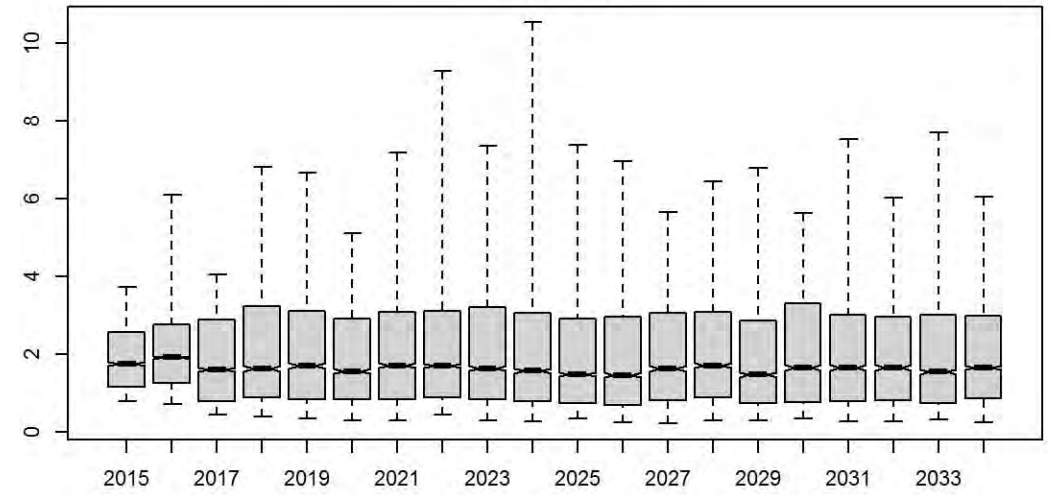
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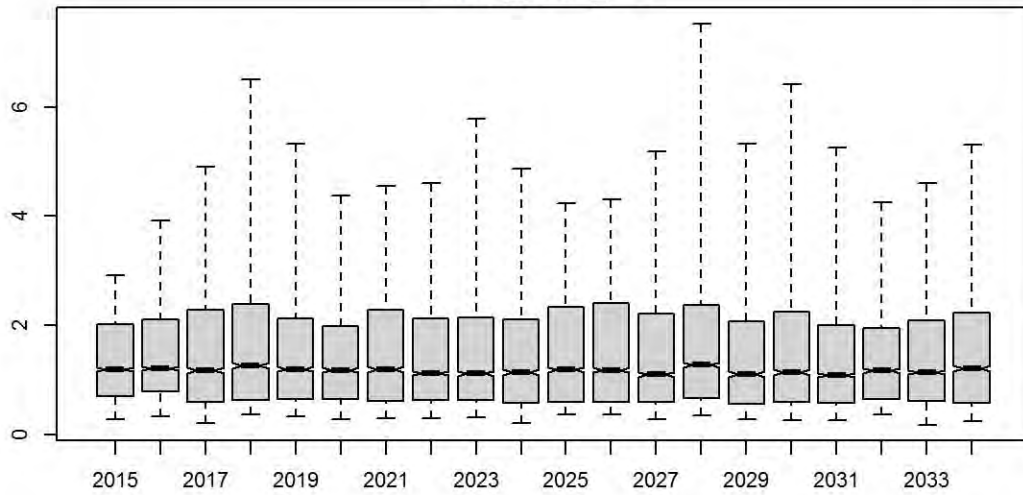
Midsurv1



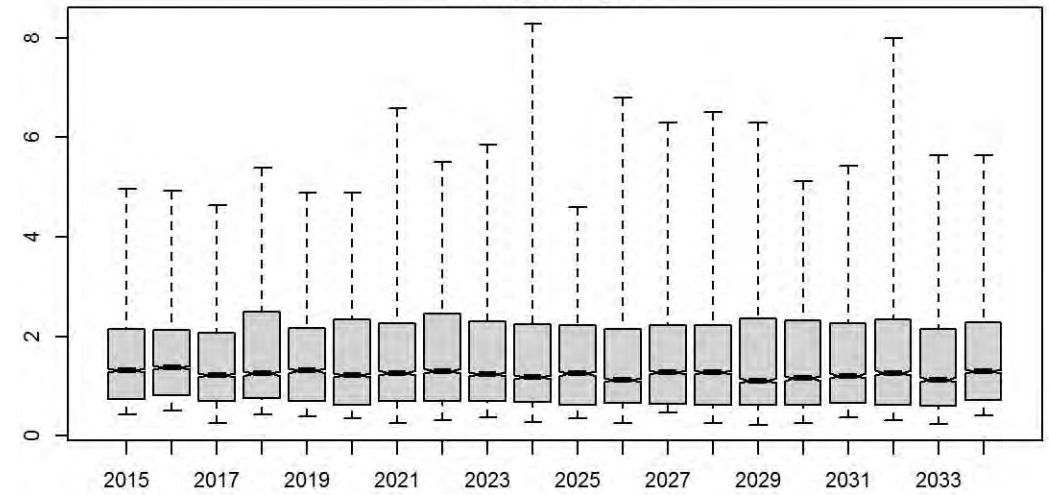
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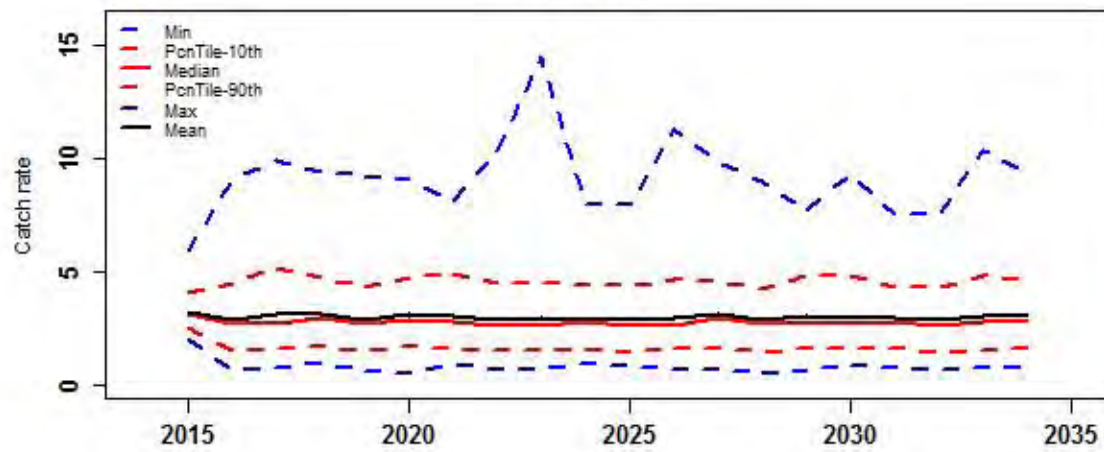
Future_CPUE_TVH



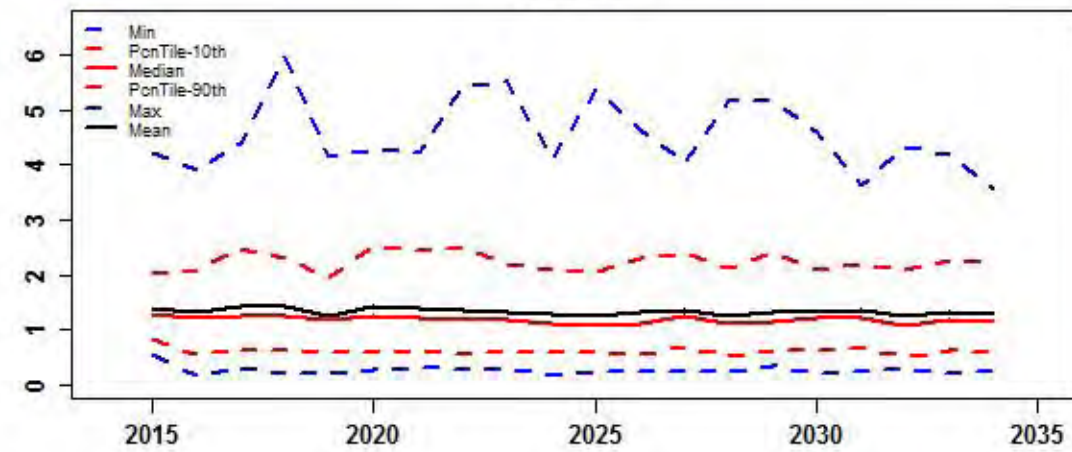
Future_CPUE_TIB



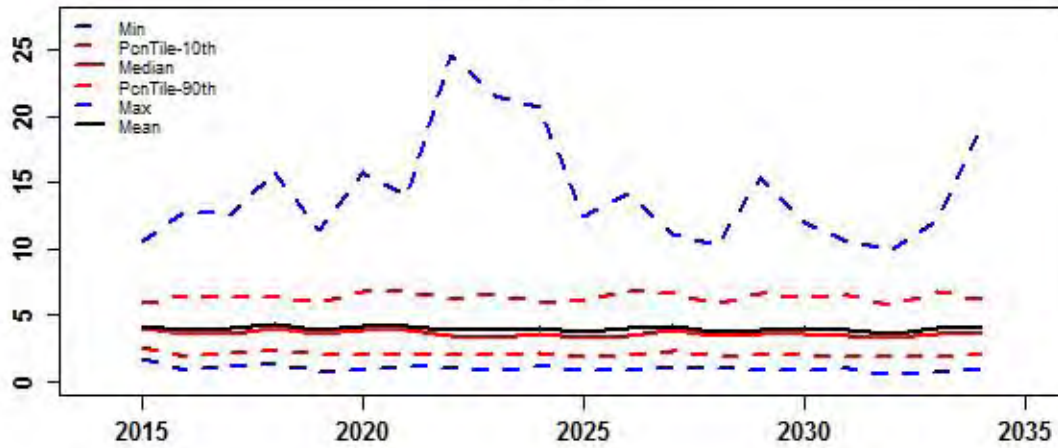
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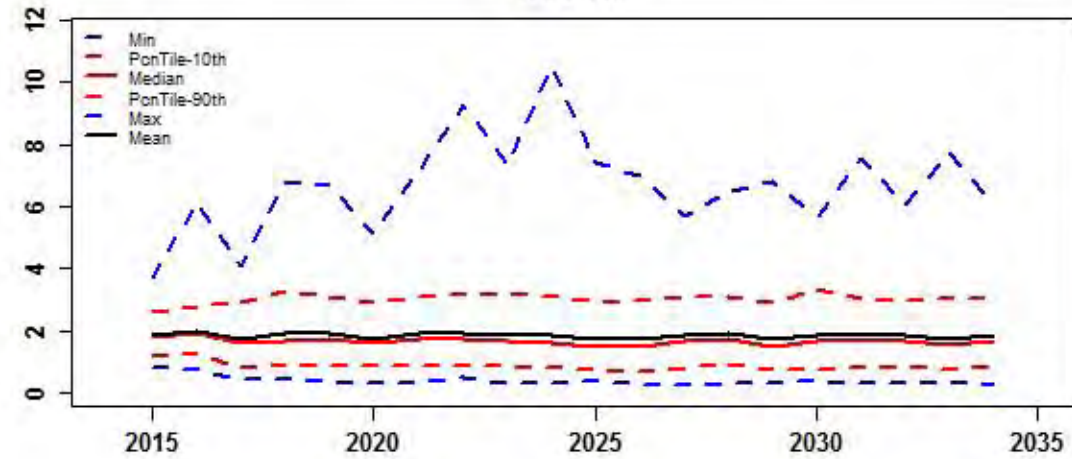
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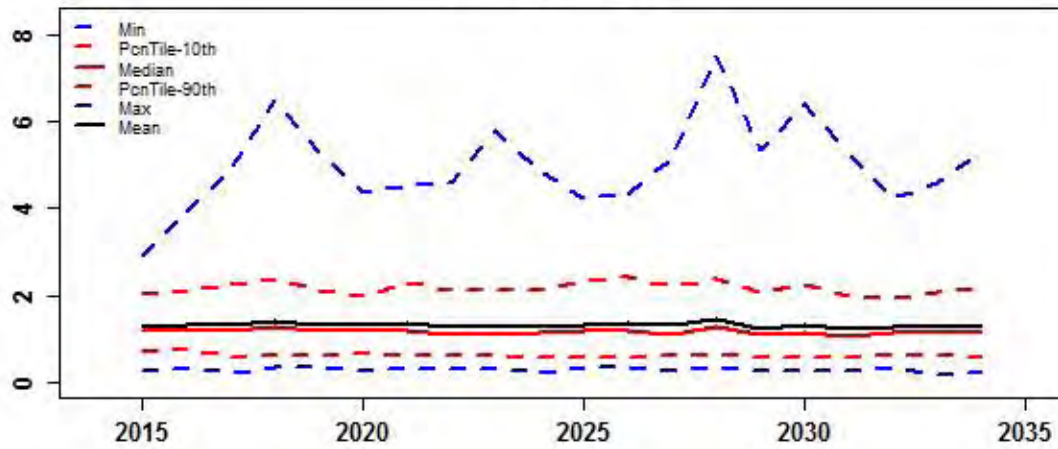
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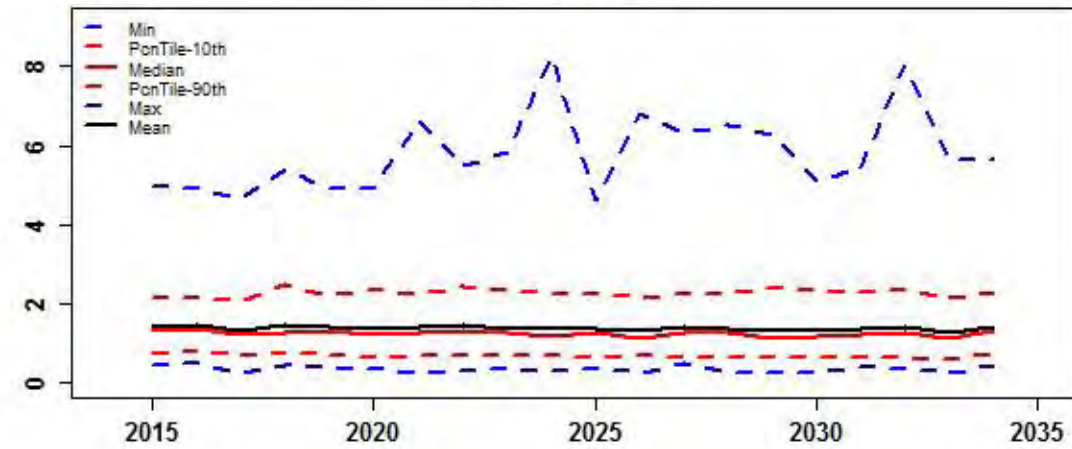
Midsurv2



Future_CPUE_TVH

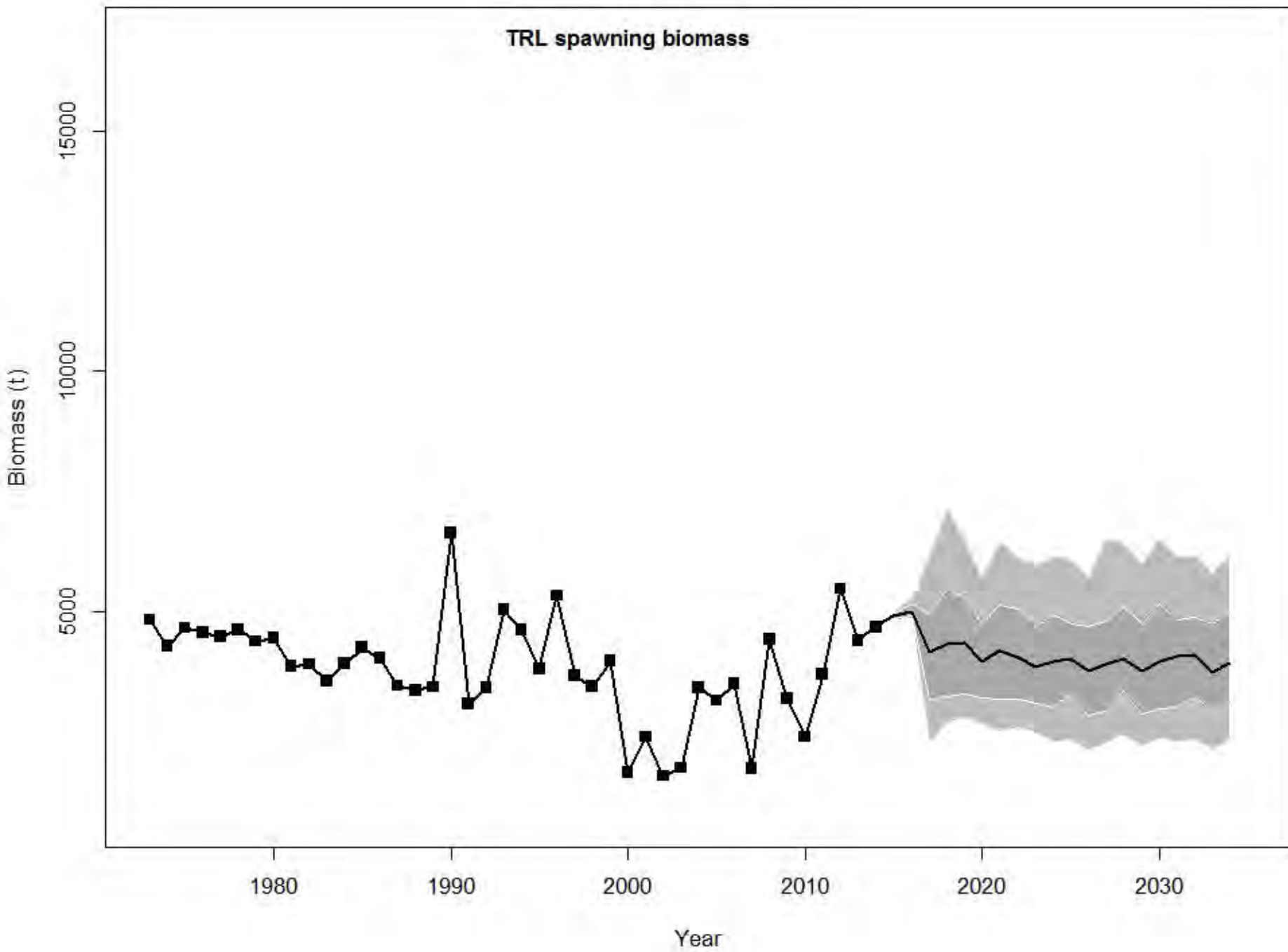


Future_CPUE_TIB

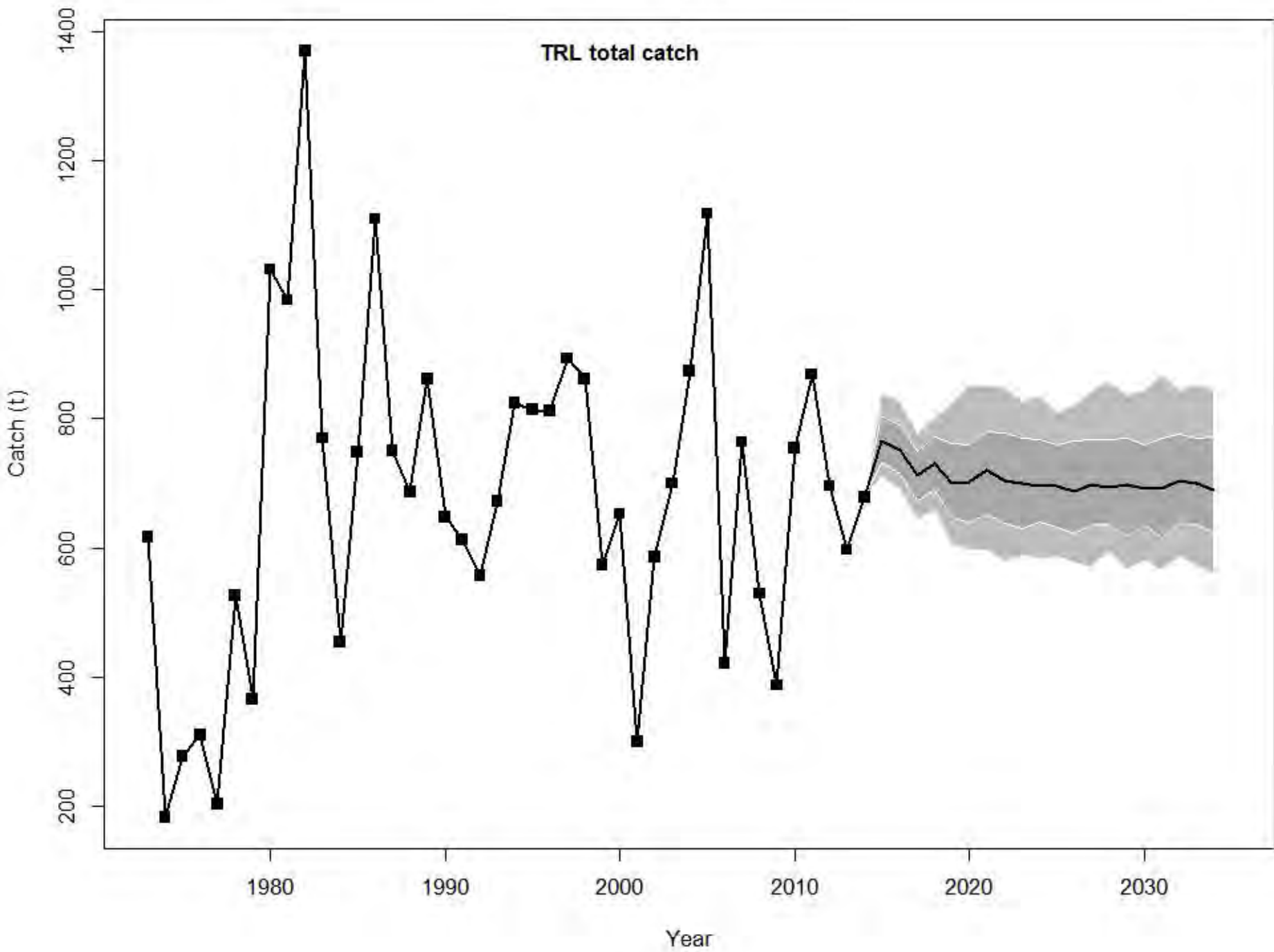


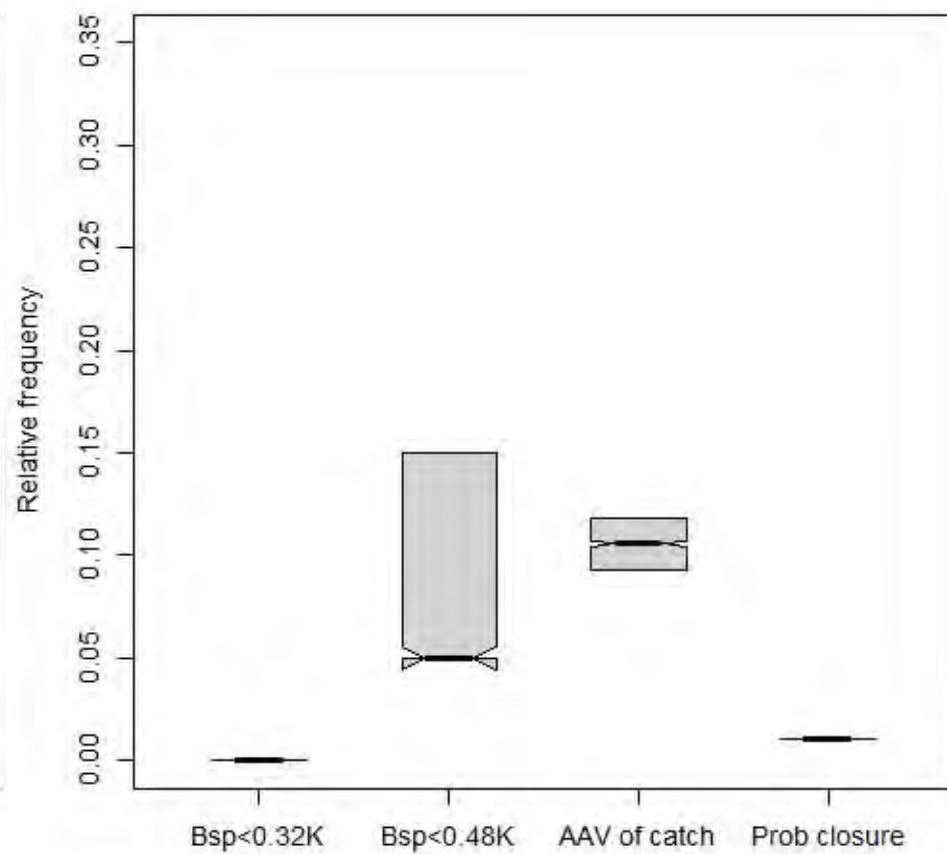
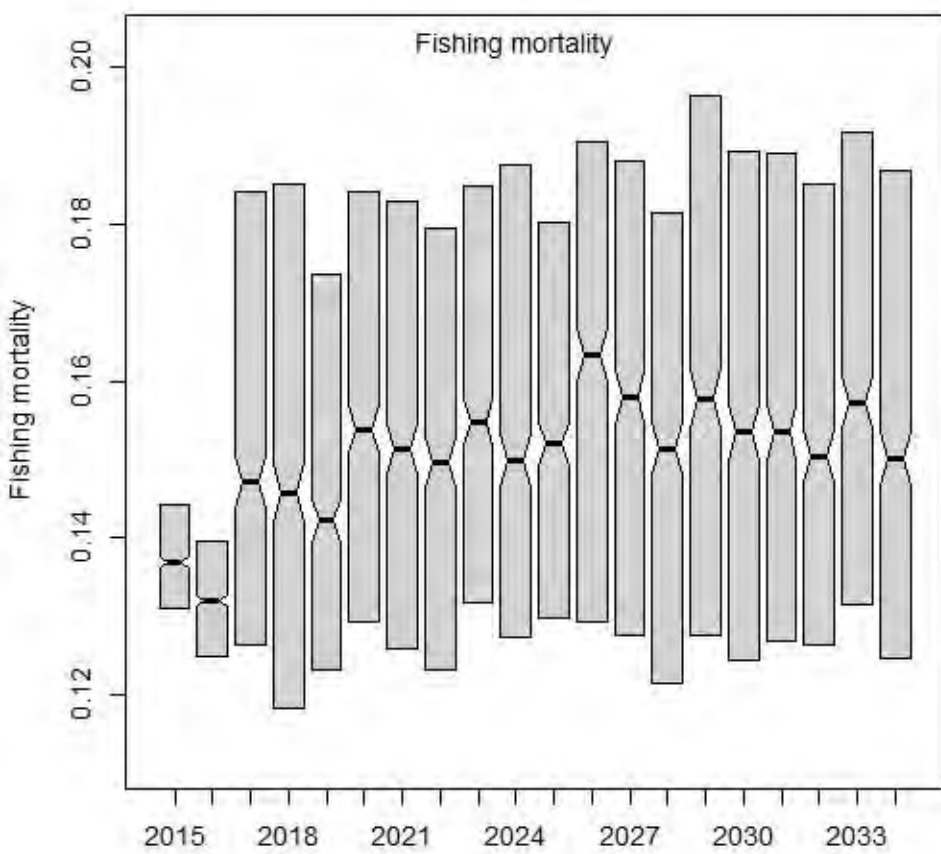
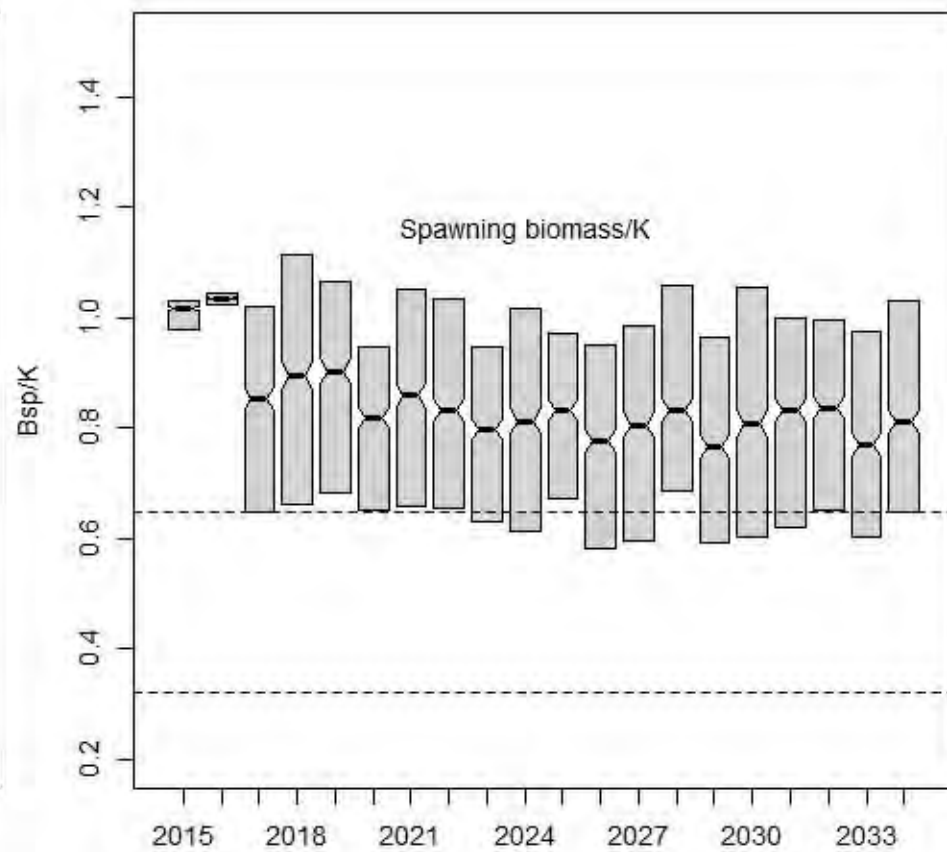
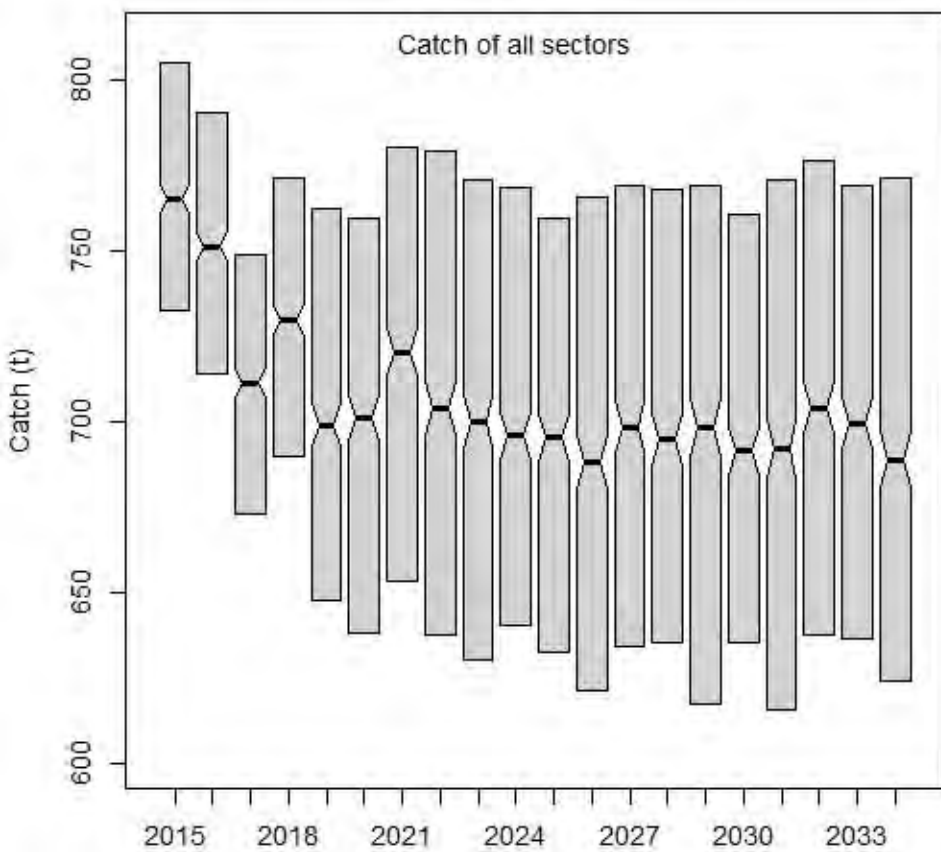
**HARVEST
CONTROL
RULE
SCENARIO 3**

rHCR3

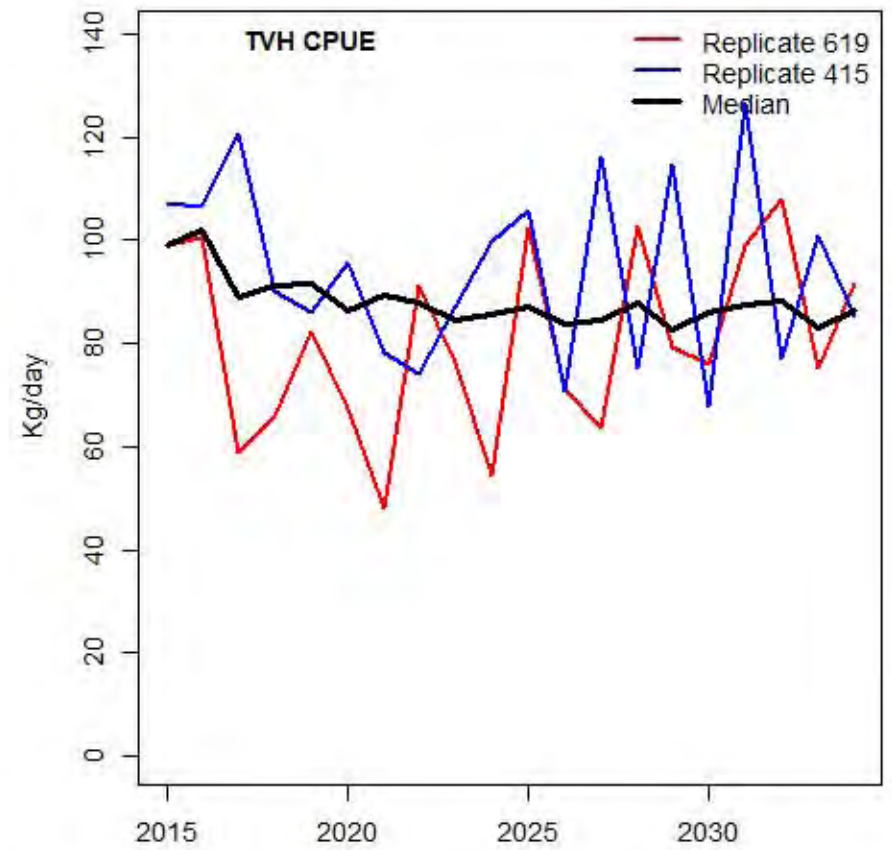
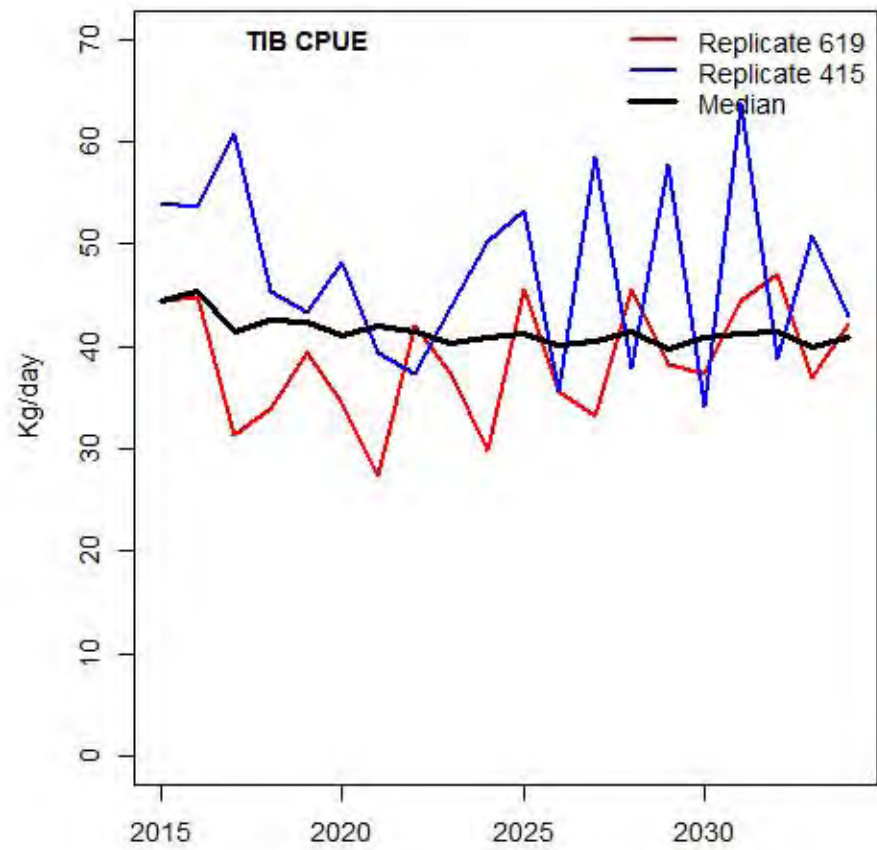
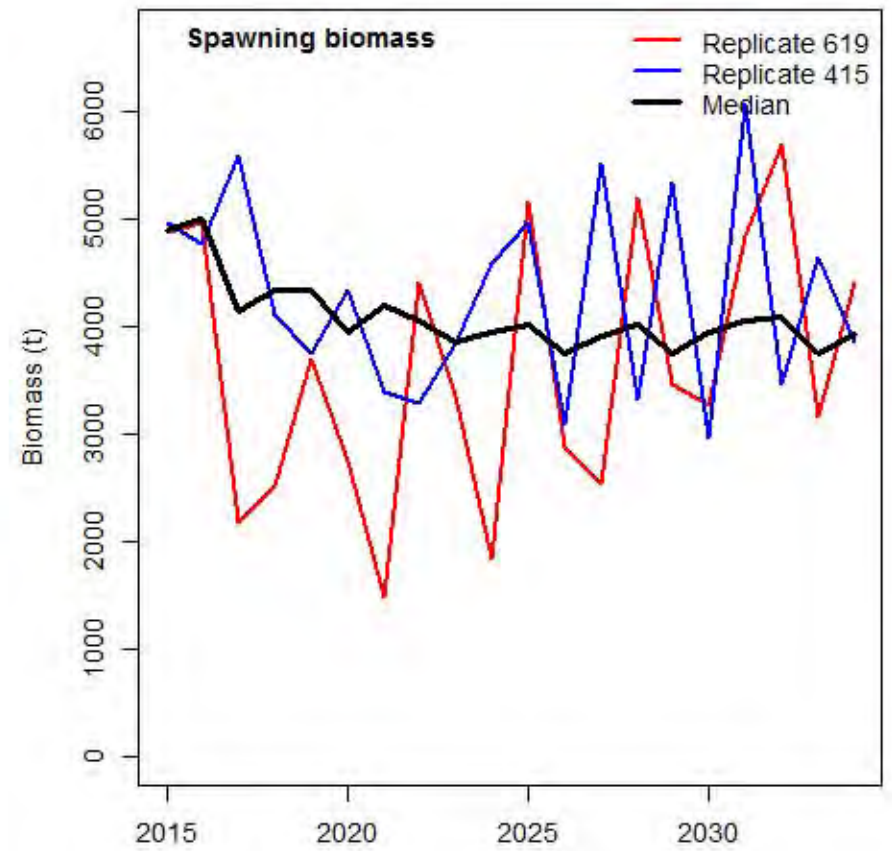
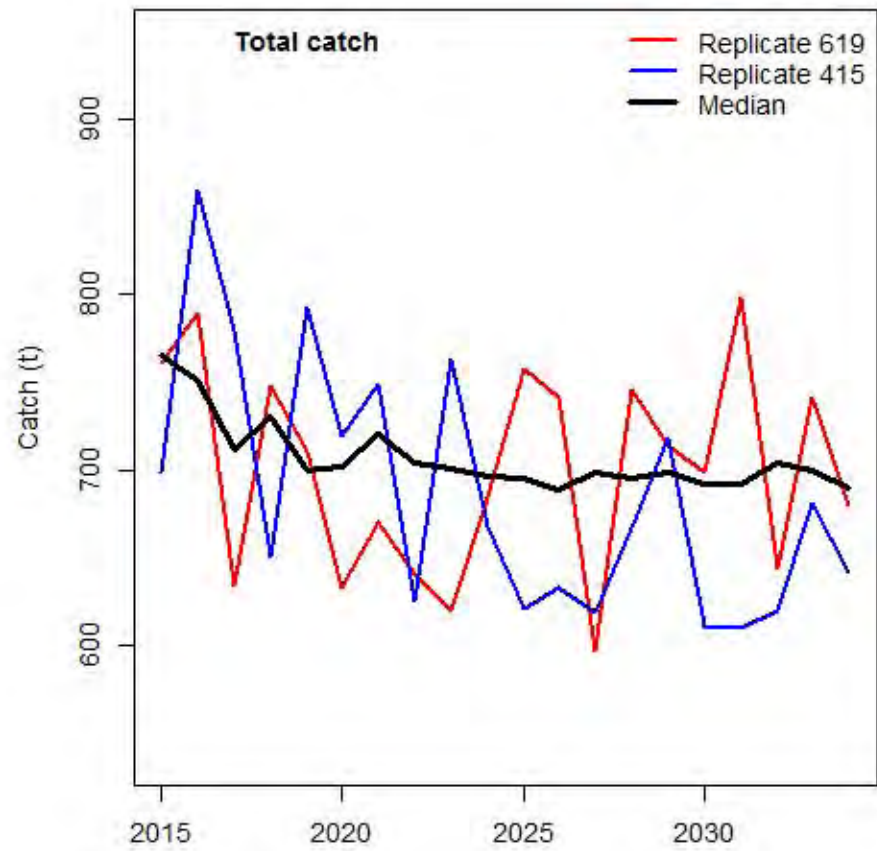


rHCR3

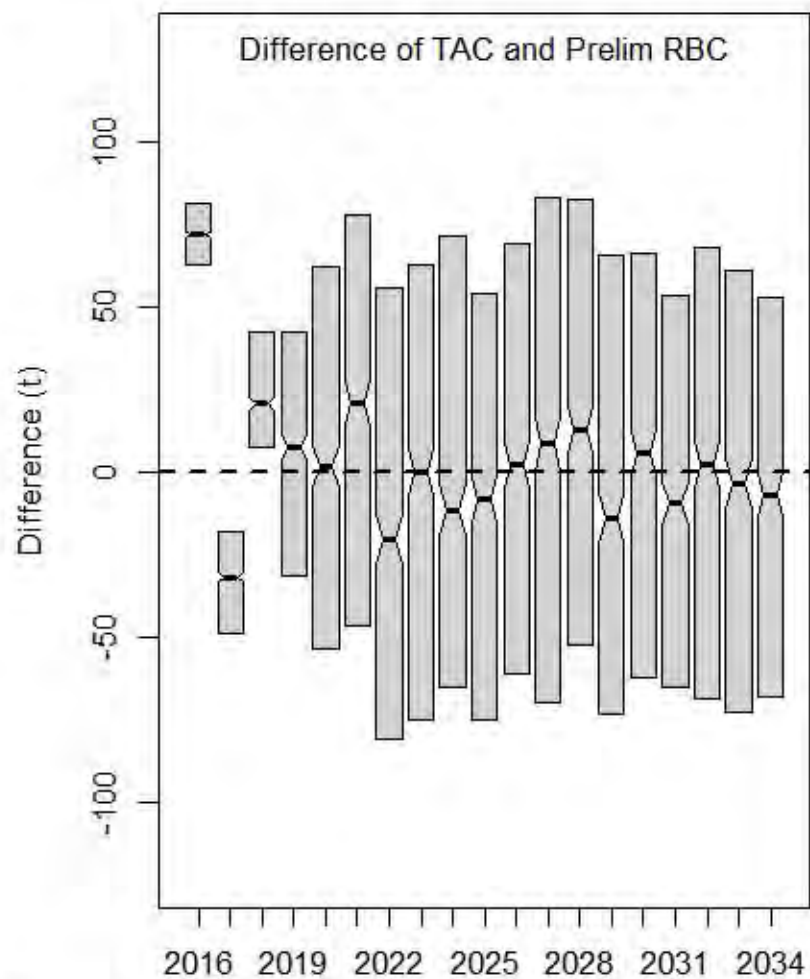
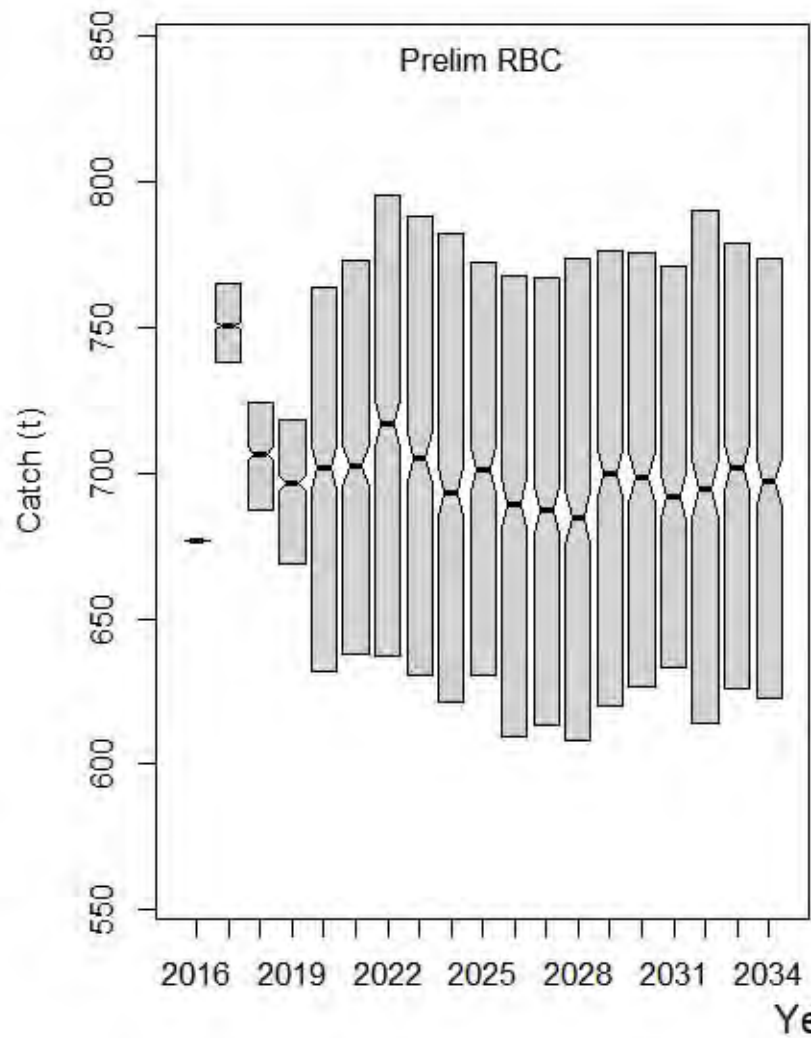




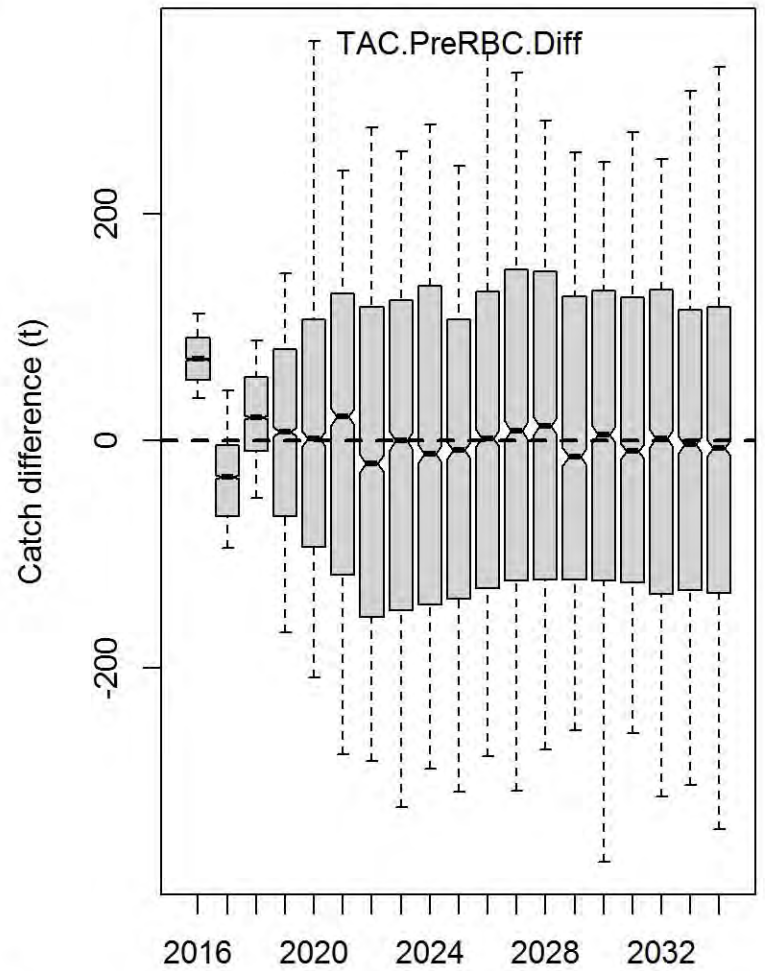
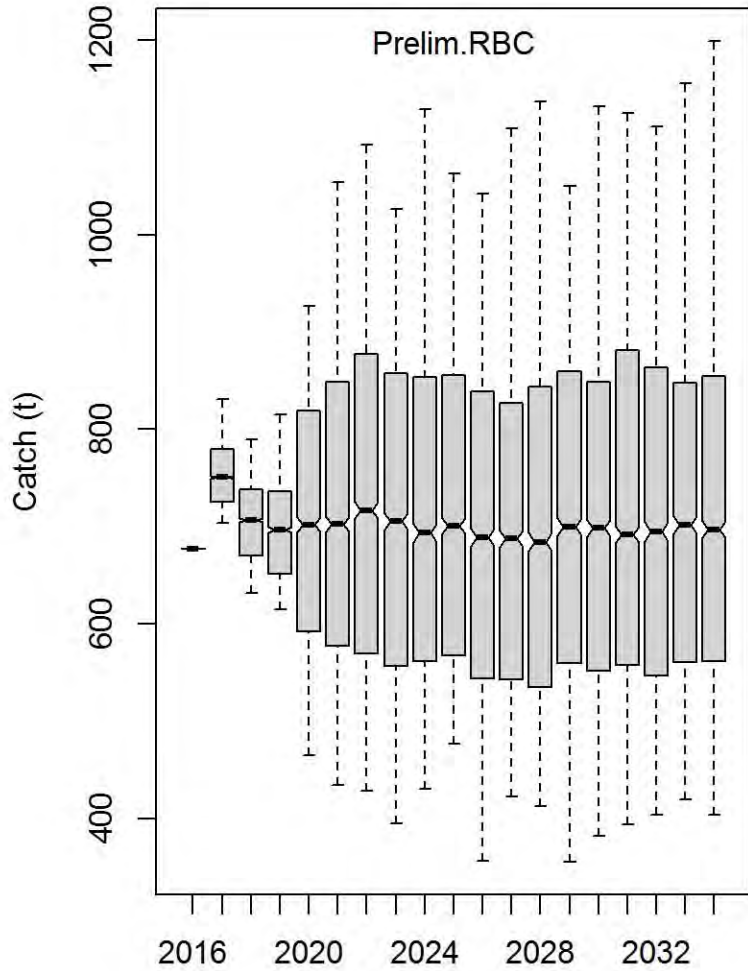
rHCR3



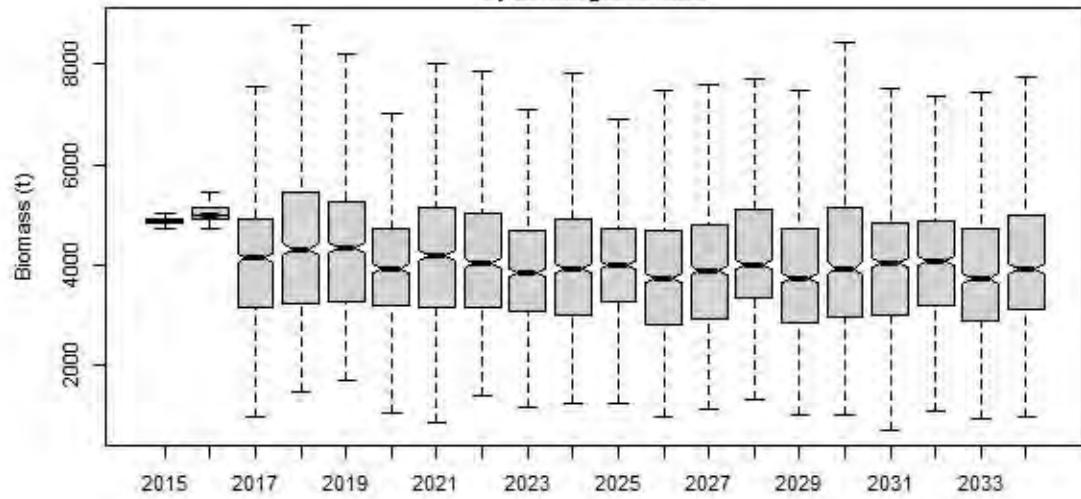
rHCR3



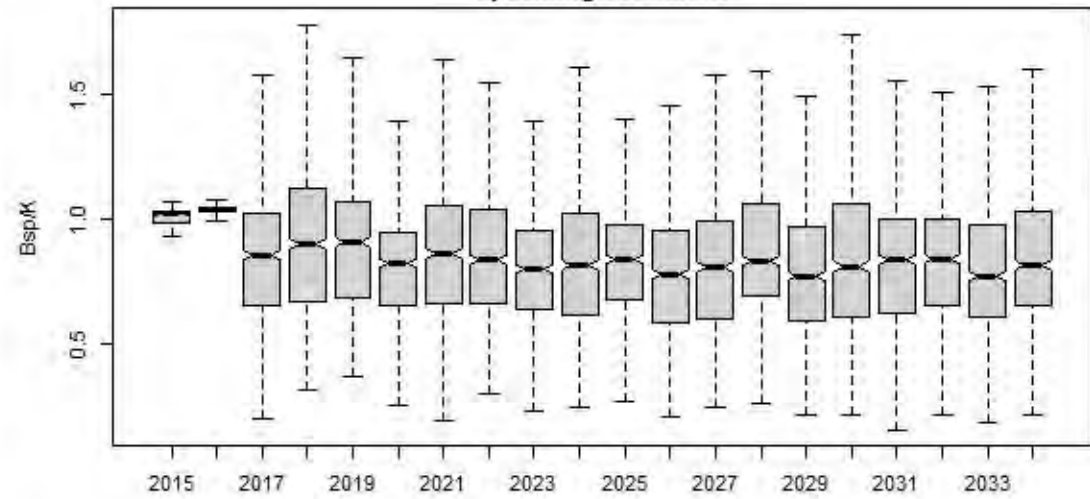
rHCR3



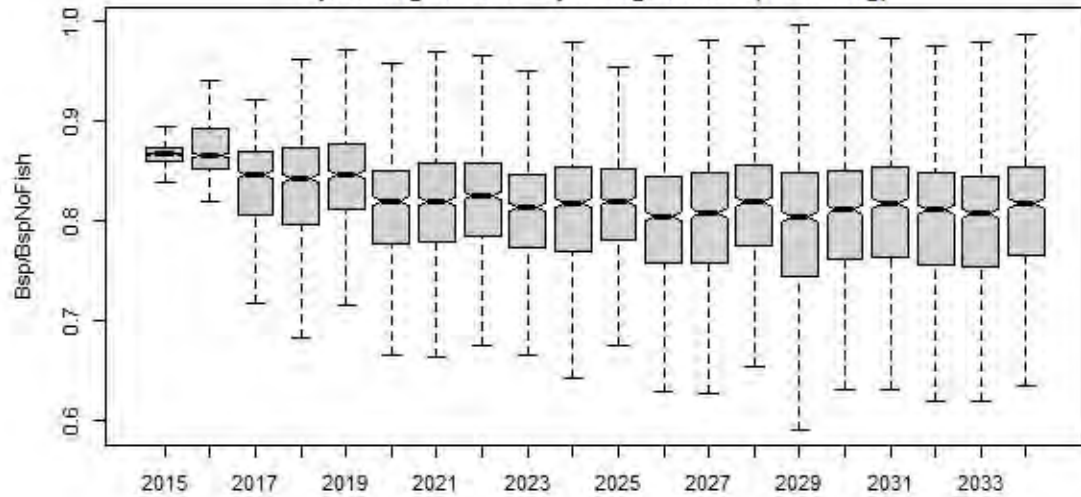
Spawning biomass



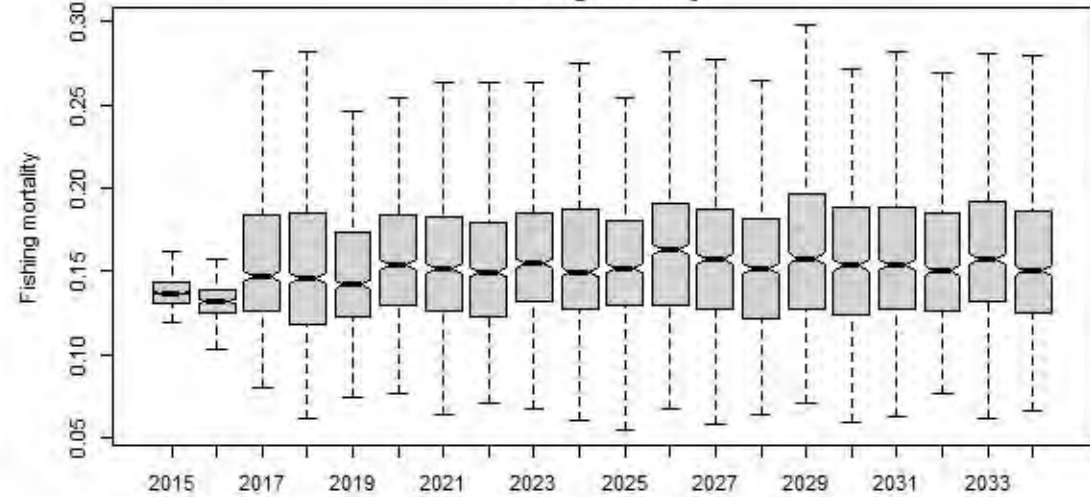
Spawning biomass/K



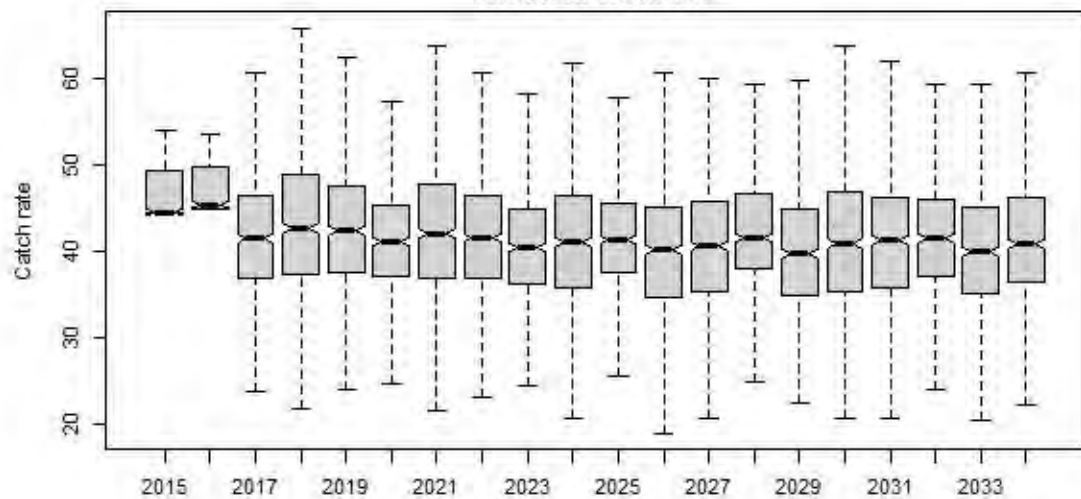
Spawning biomass/Spawning biomass(no fishing)



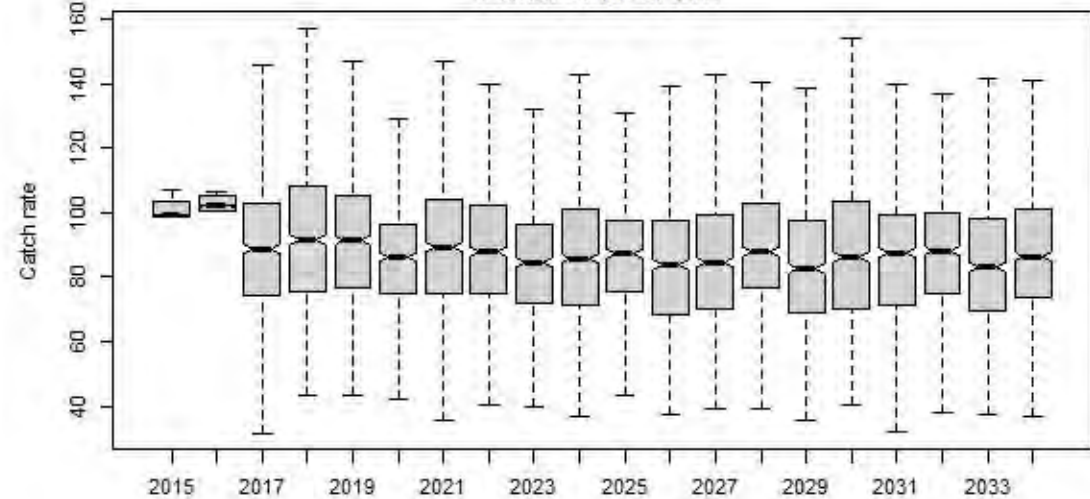
Fishing mortality



Actual CPUE of TIB

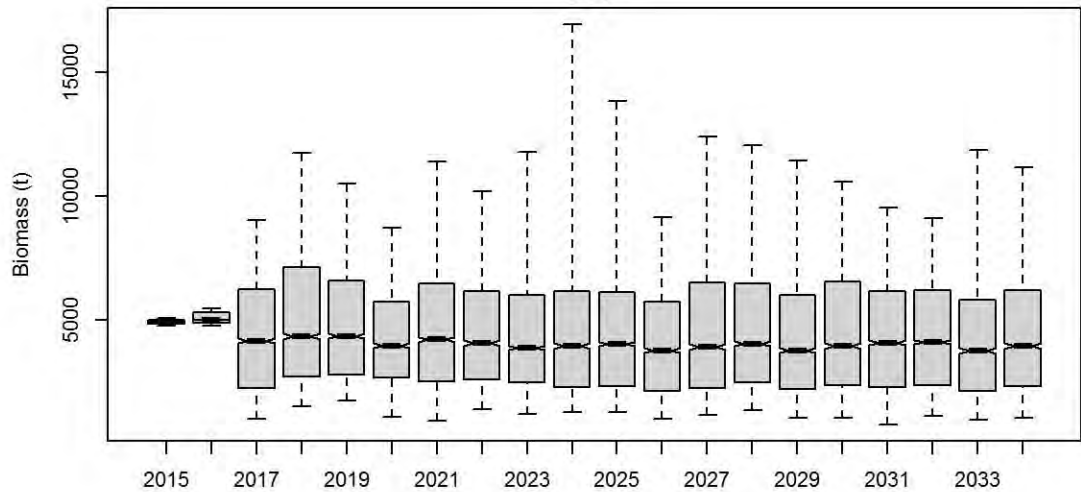


Actual CPUE of TVH

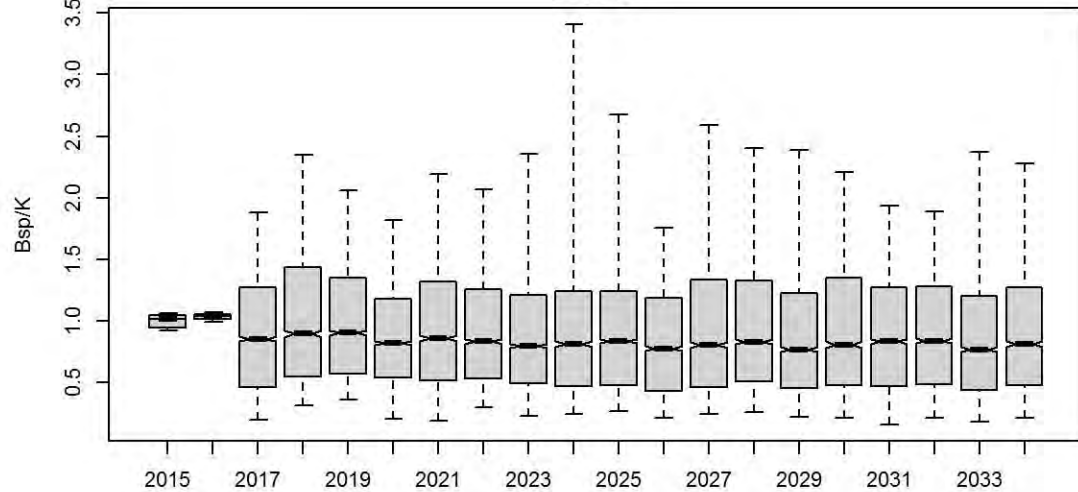


rHCR3

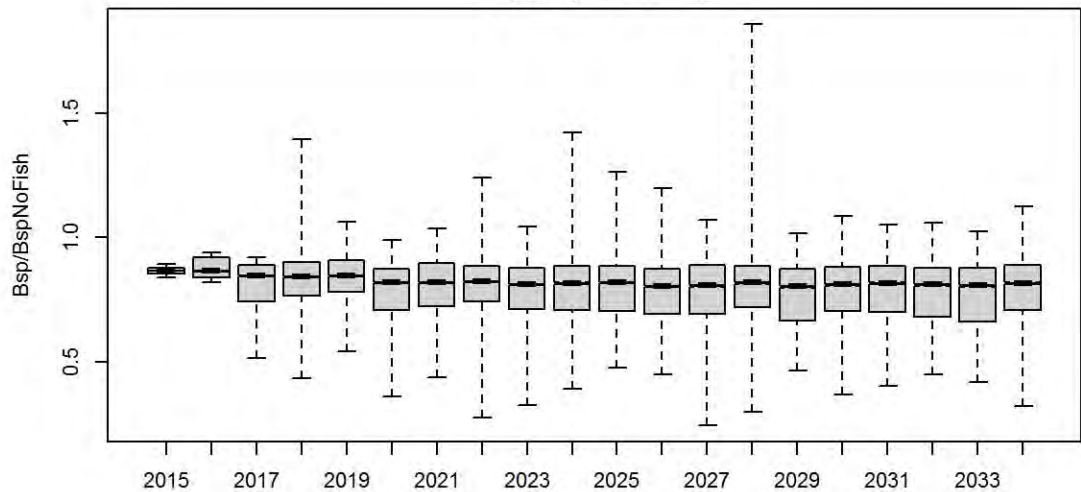
Bsp



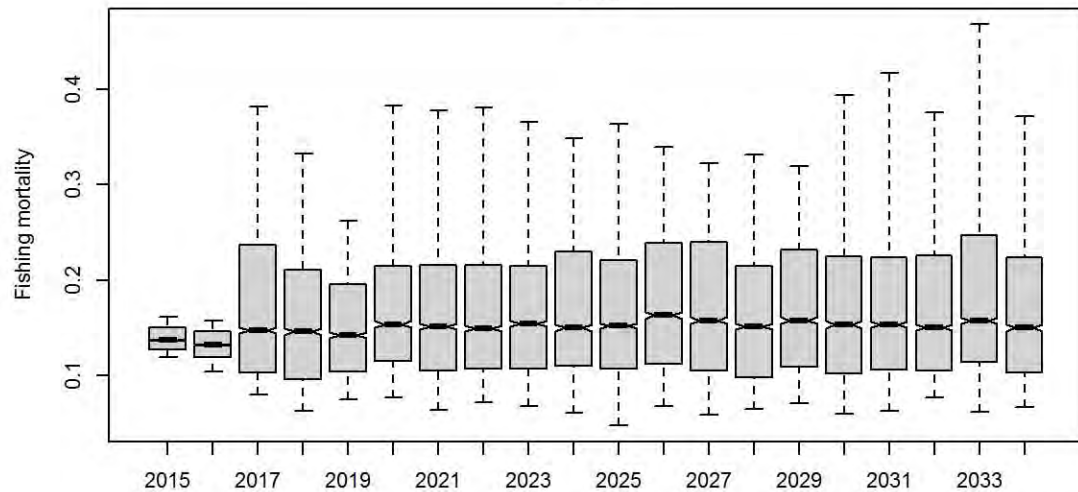
Bsp_K



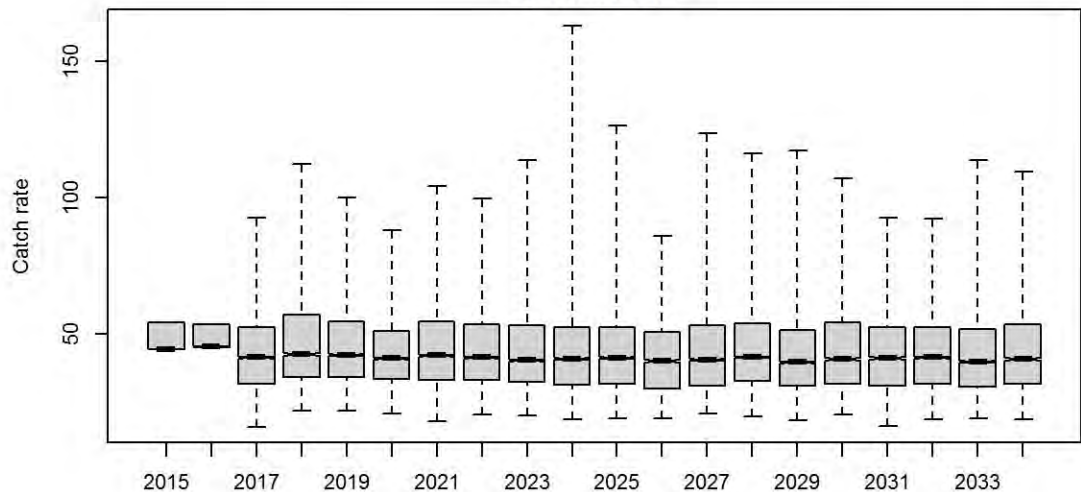
Bsp_BspNoFishing



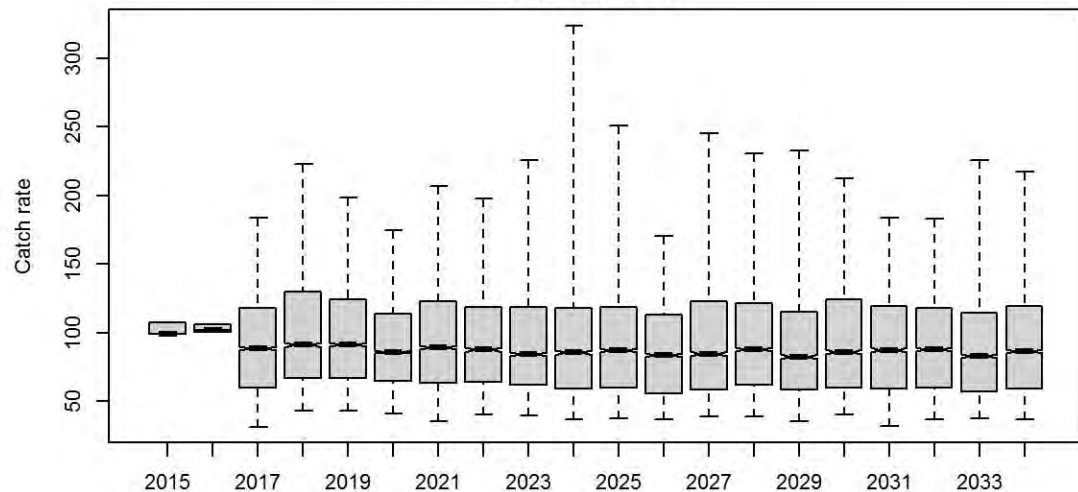
F.mal



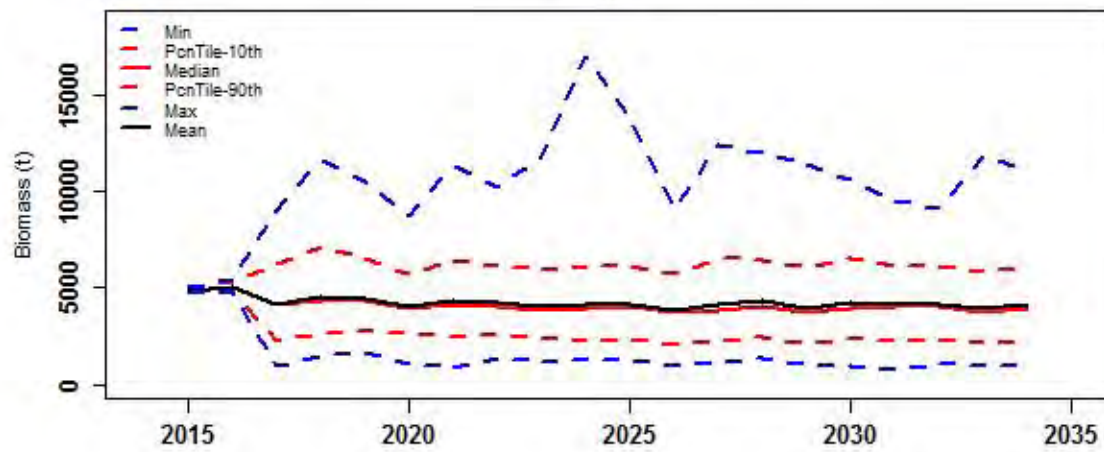
ActICPUE.TIB



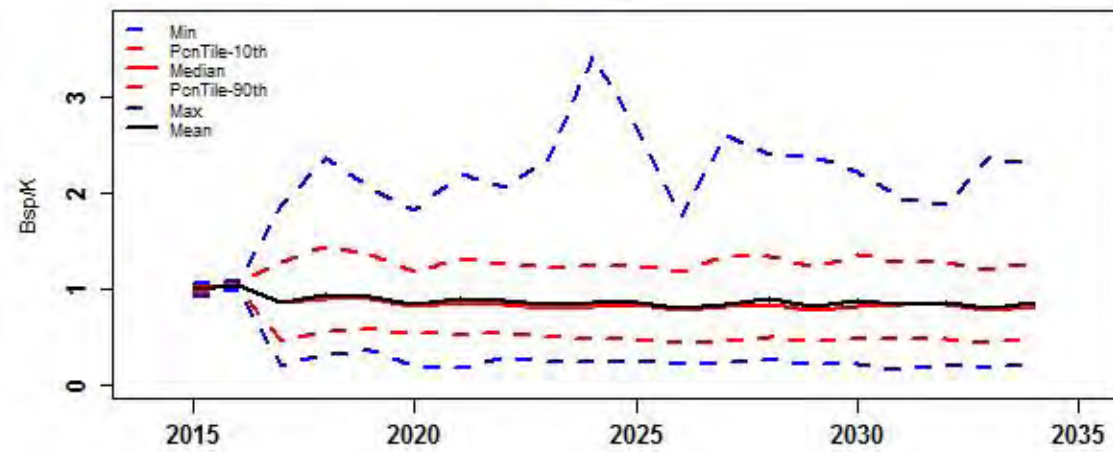
ActICPUE.TVH



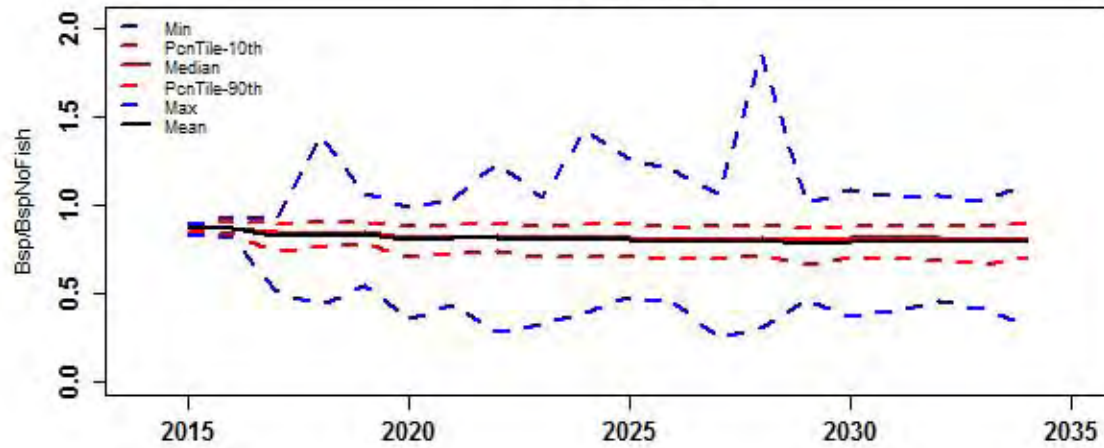
Bsp



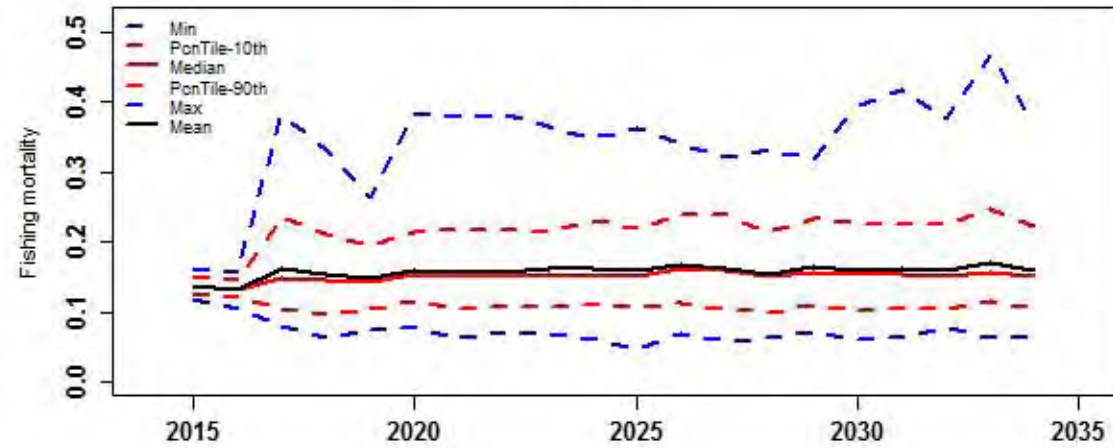
Bsp_K



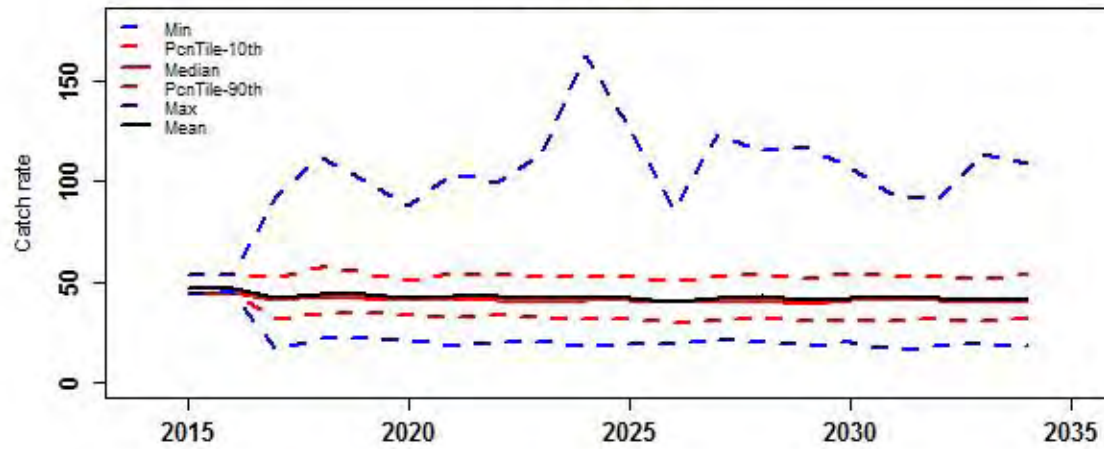
Bsp_BspNoFishing



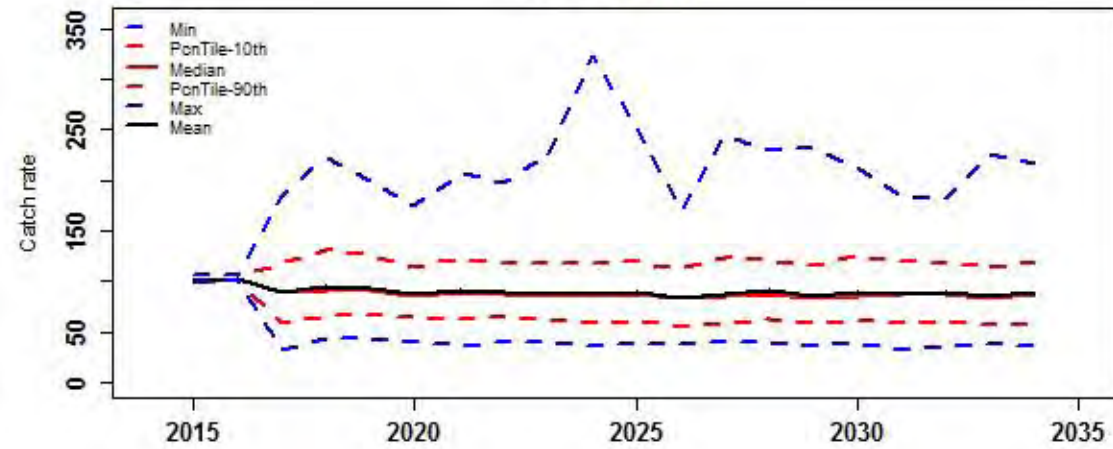
F.mal



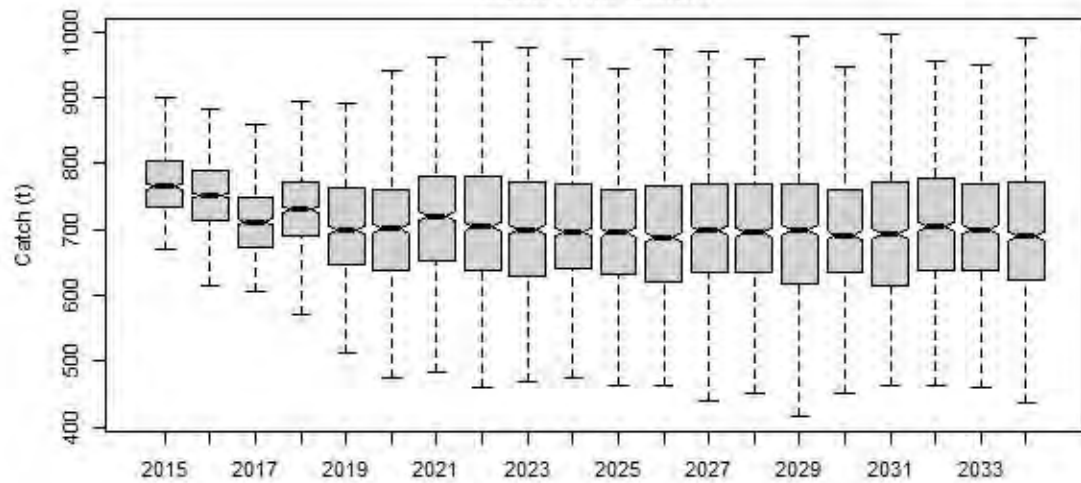
ActlCPUE.TIB



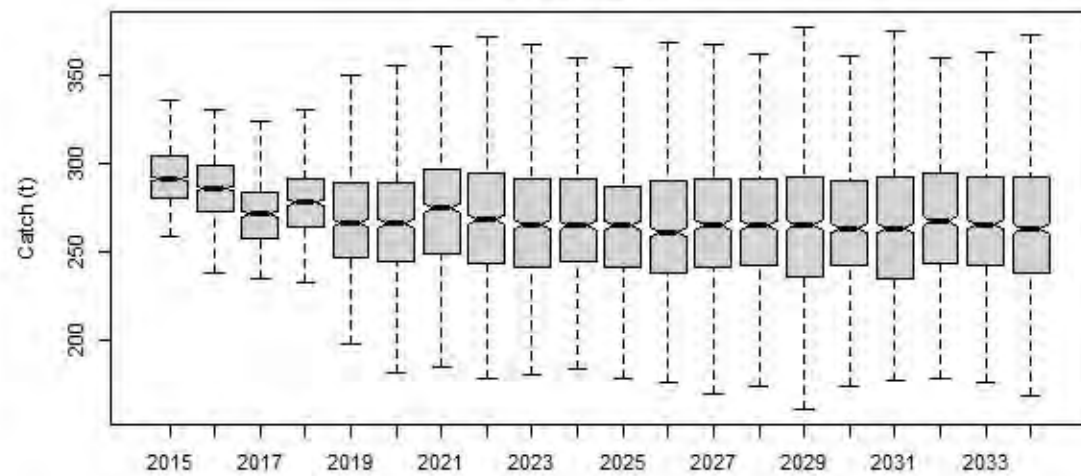
ActlCPUE.TVH



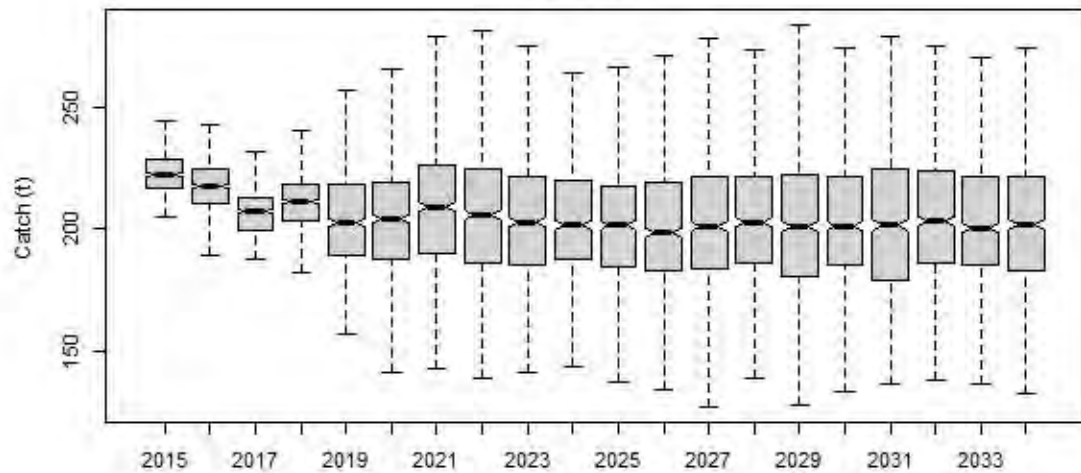
Catch of all sectors



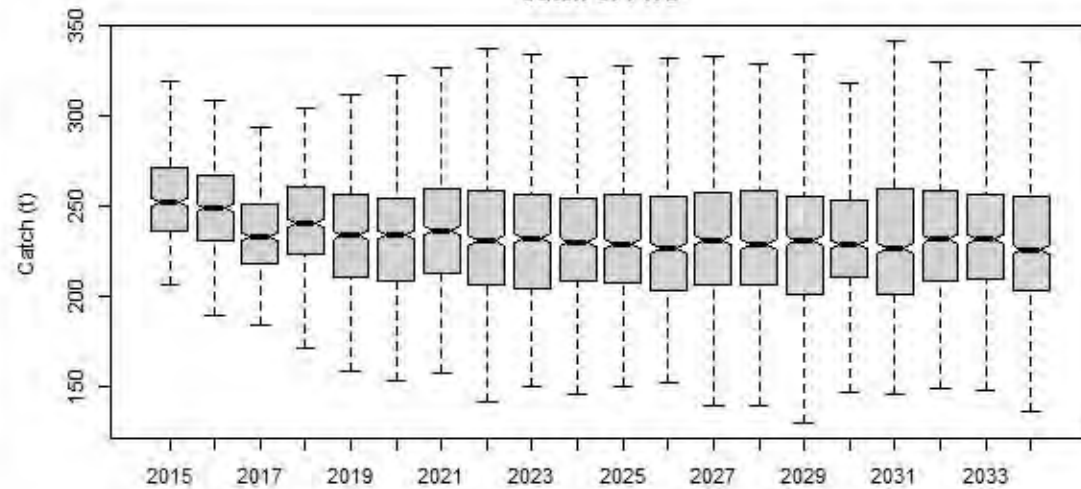
Catch of TIB



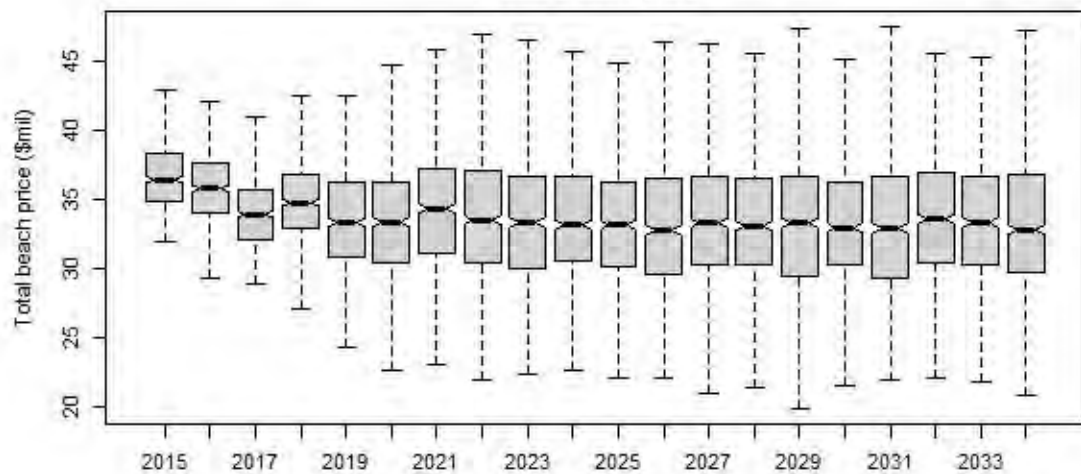
Catch of TVH



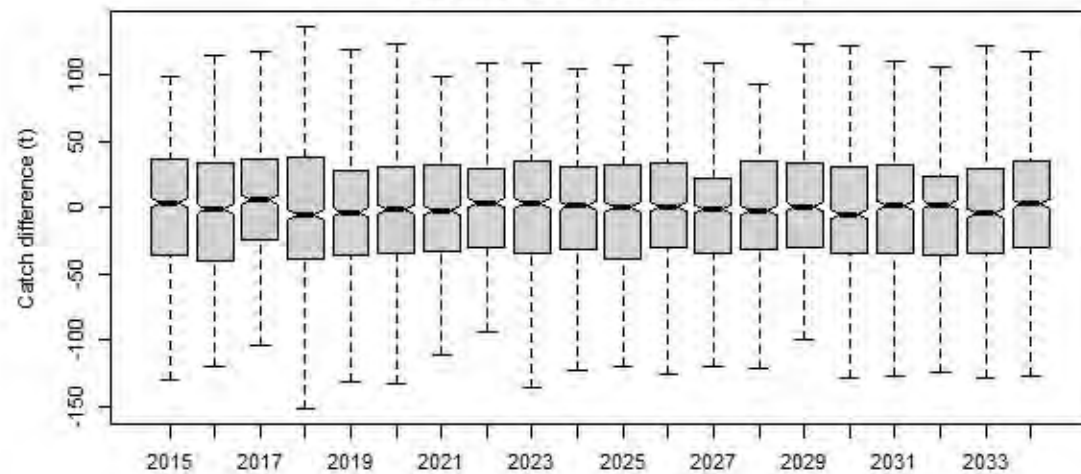
Catch of PNG



Total beach price

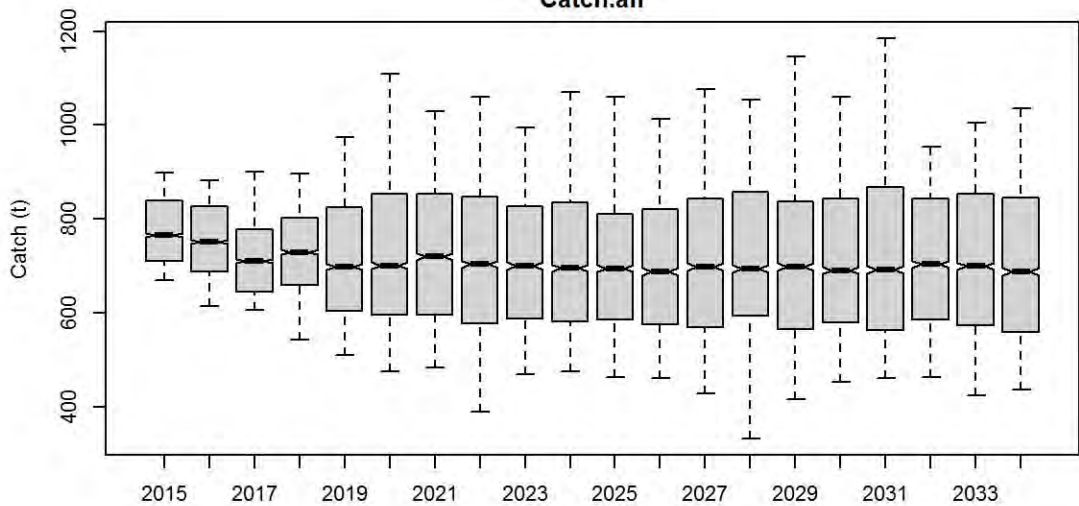


Difference of TAC and actual catch

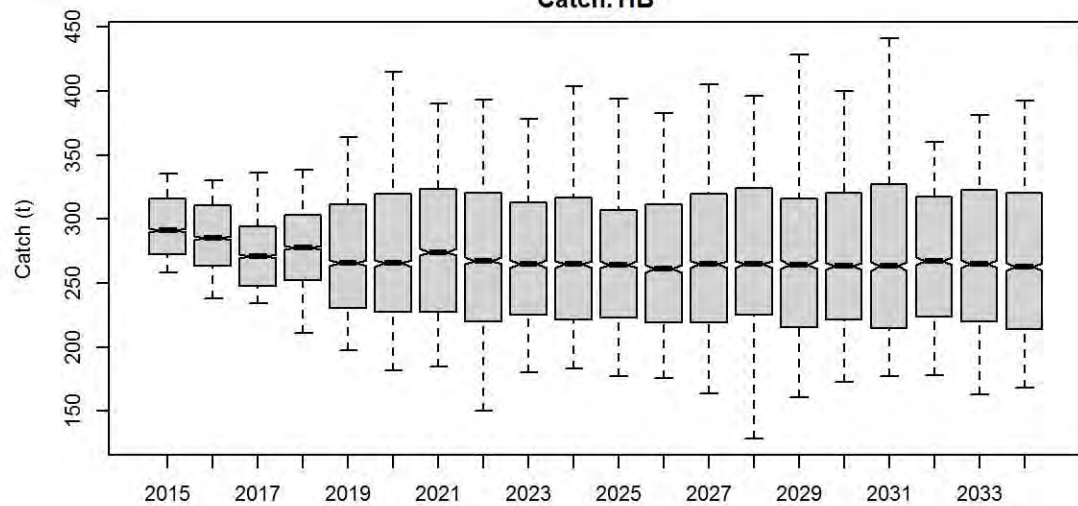


rHCR3

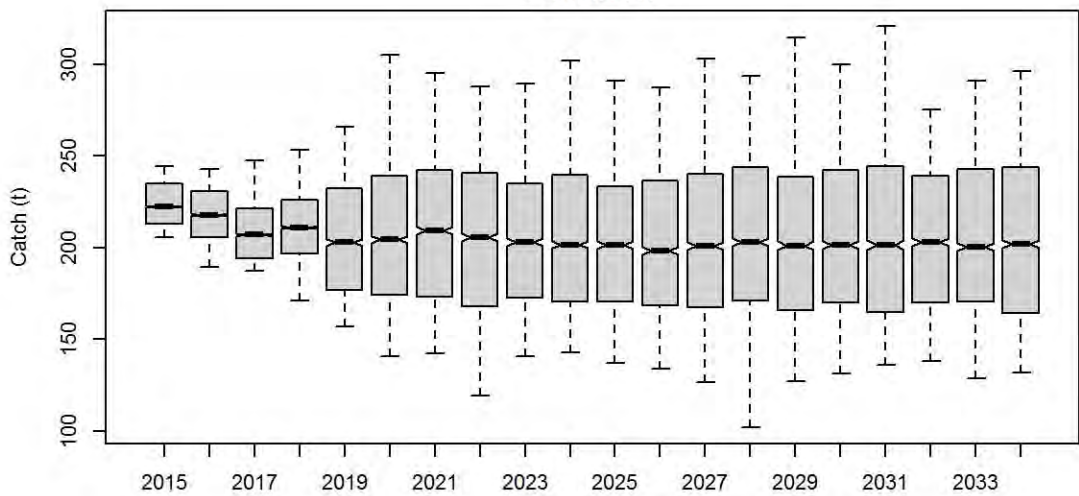
Catch.all



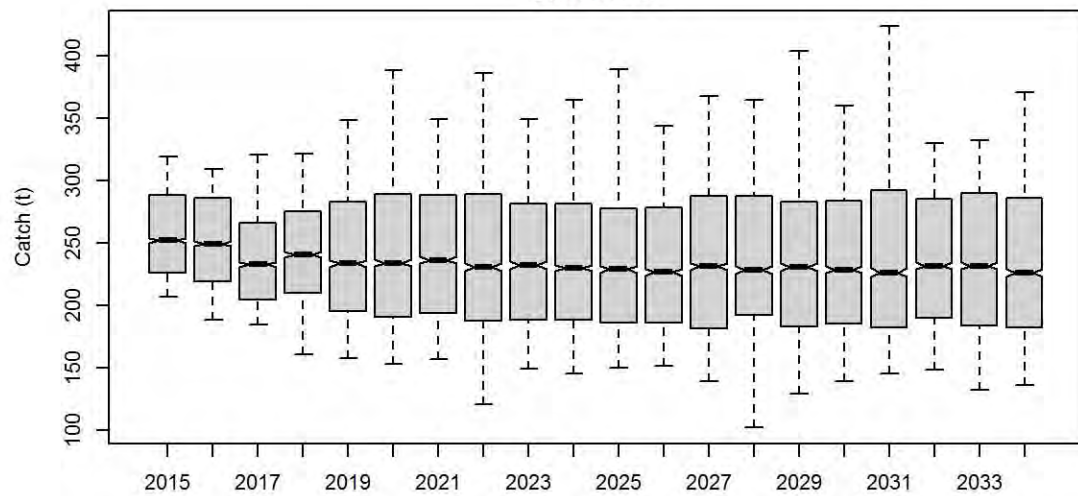
Catch.TIB



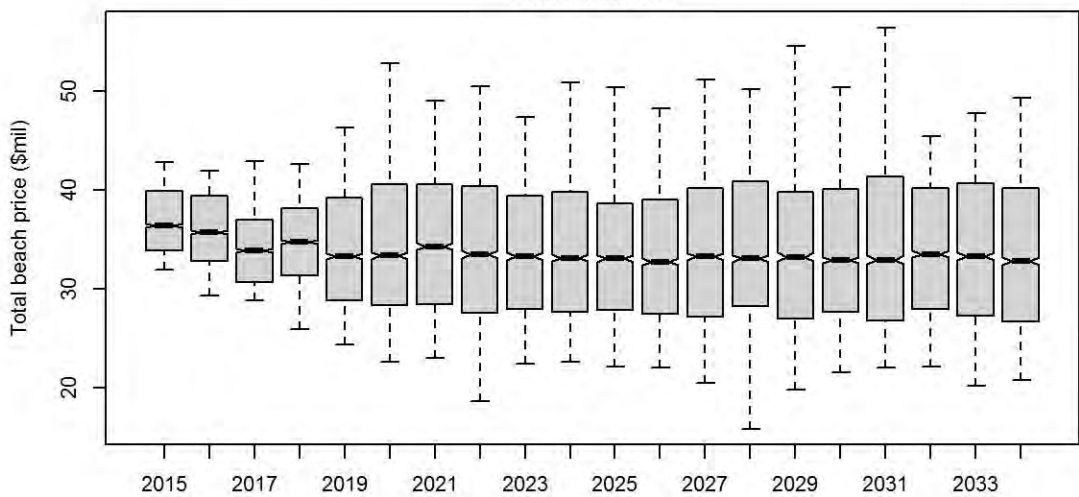
Catch.TVH



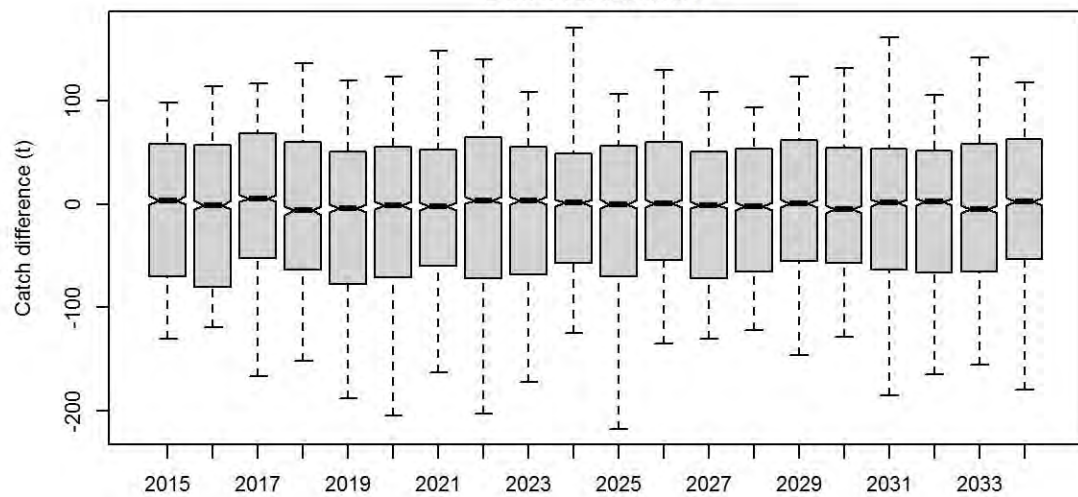
Catch.PNG



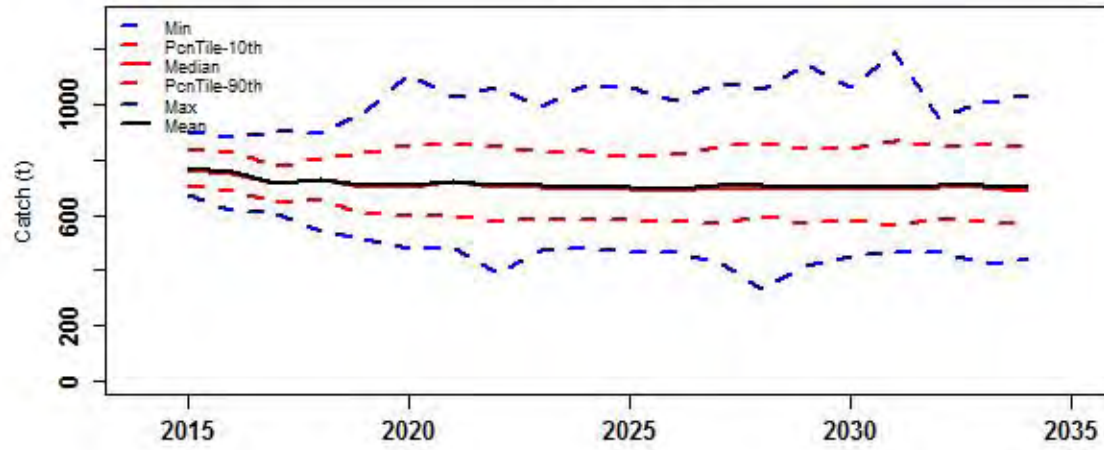
TotBeachPrice



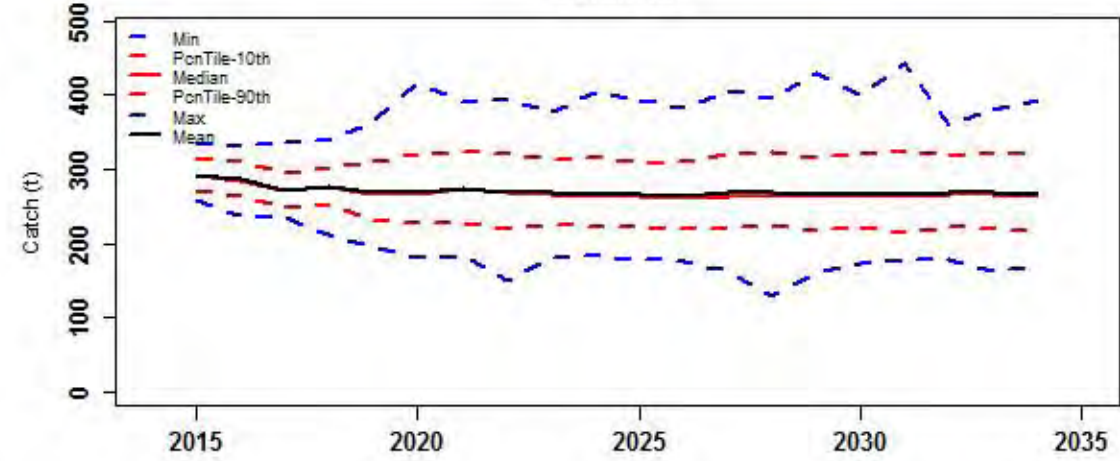
Diff.TAC.actlCatch



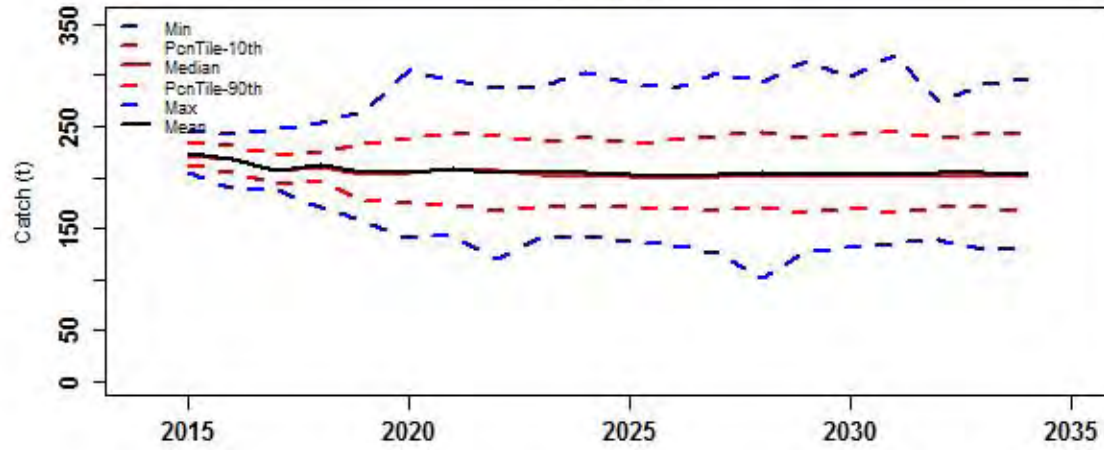
Catch.all



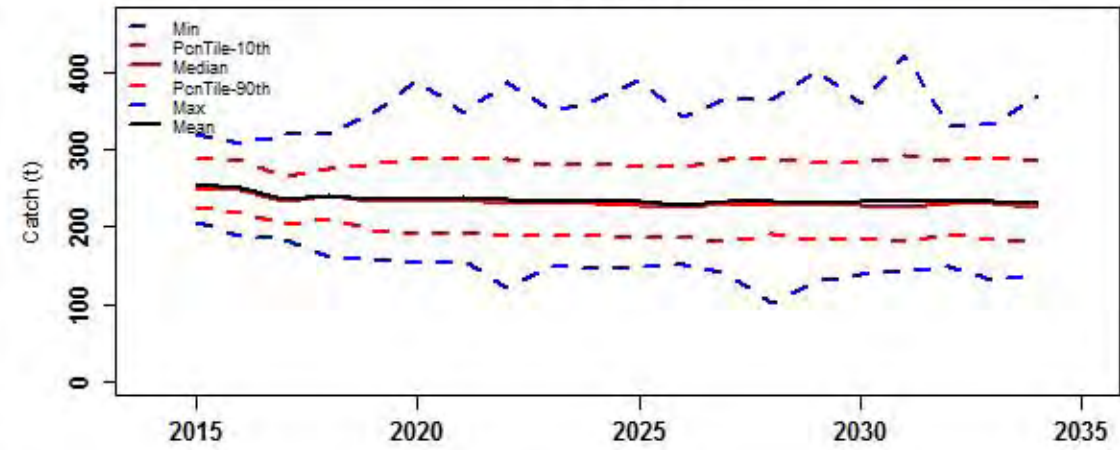
Catch.TIB



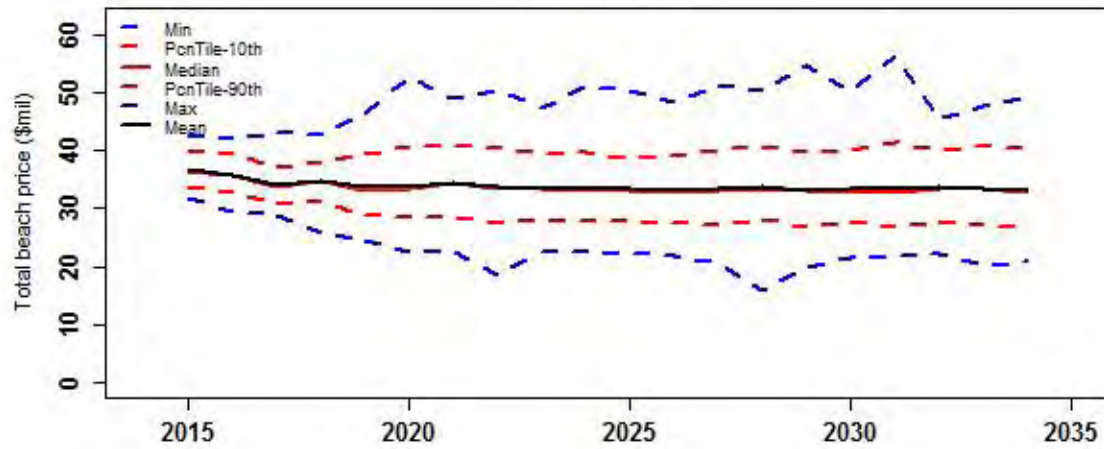
Catch.TVH



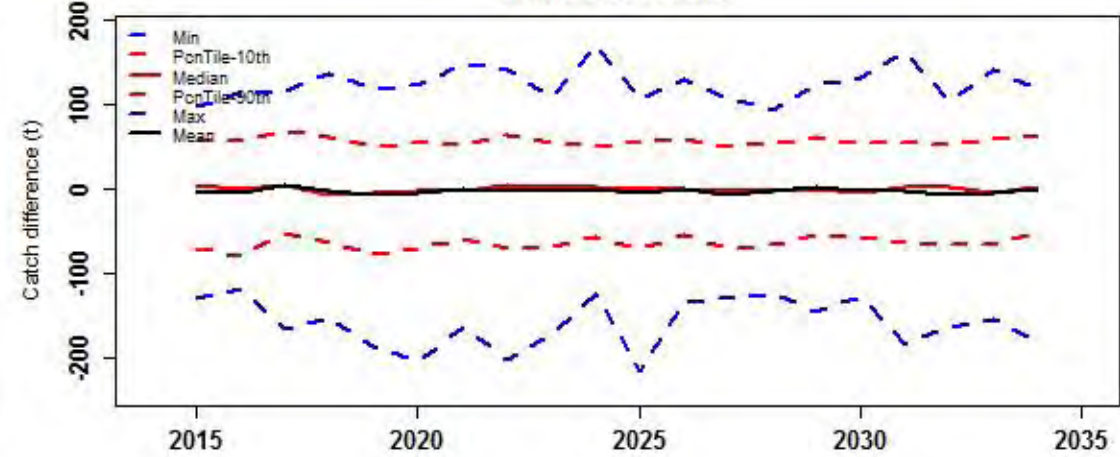
Catch.PNG



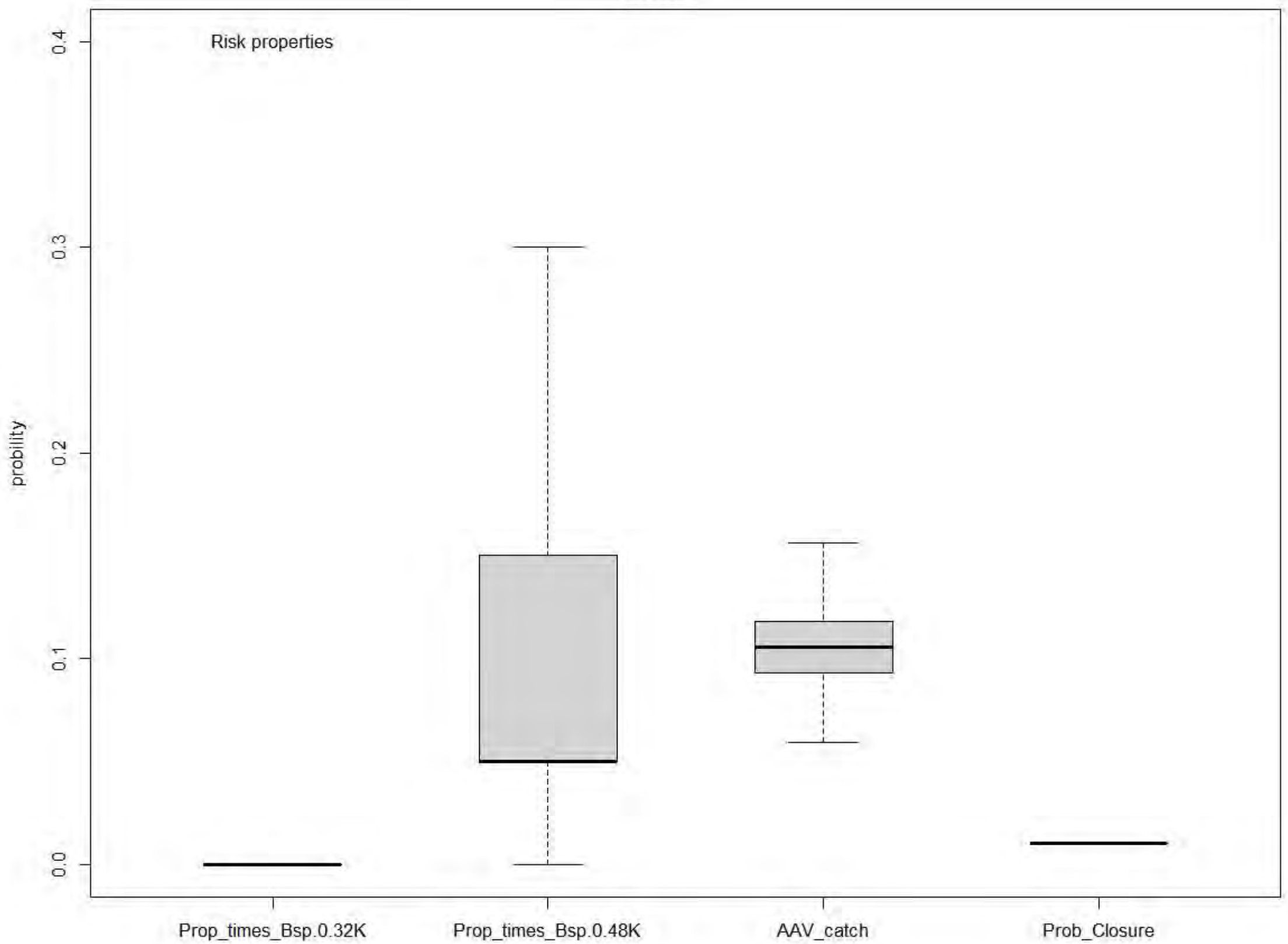
TotBeachPrice



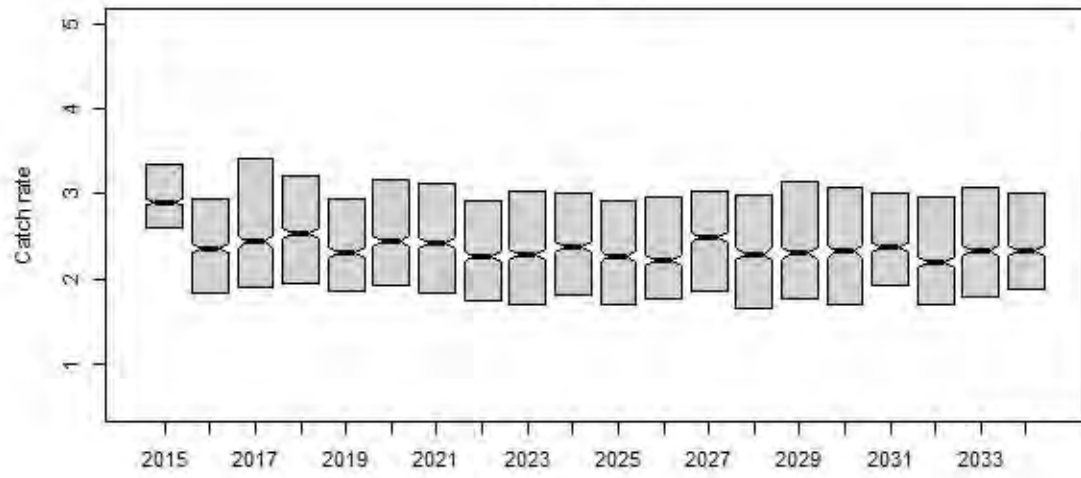
Diff.TAC.actlCatch



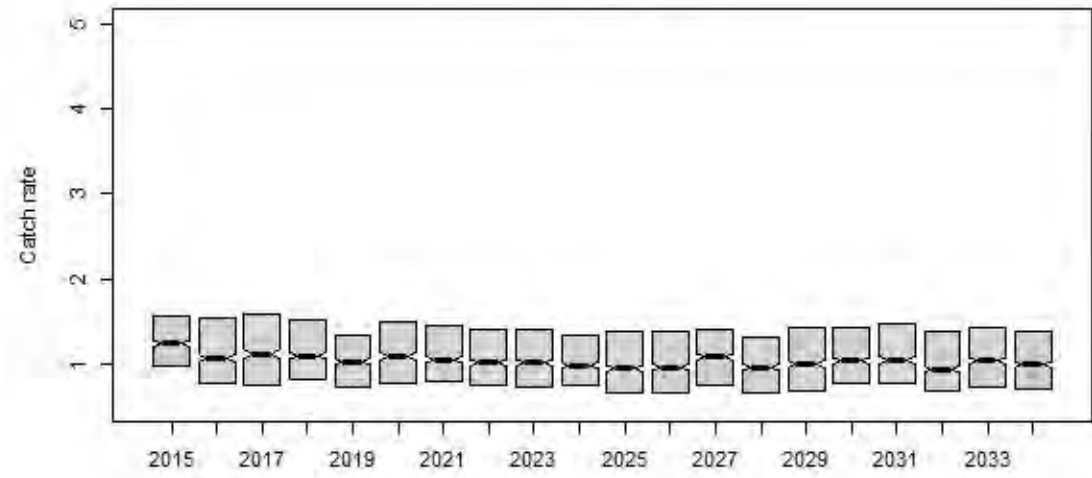
Risk properties



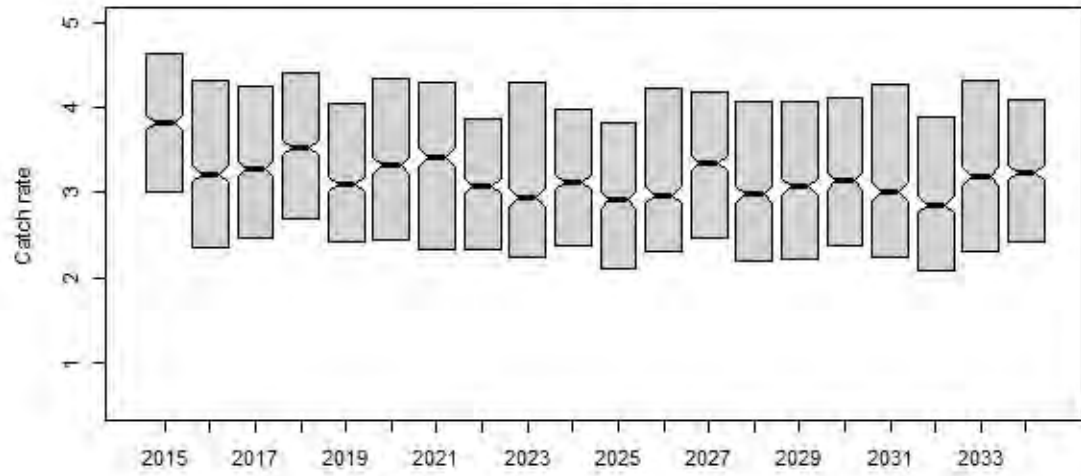
Preseas1



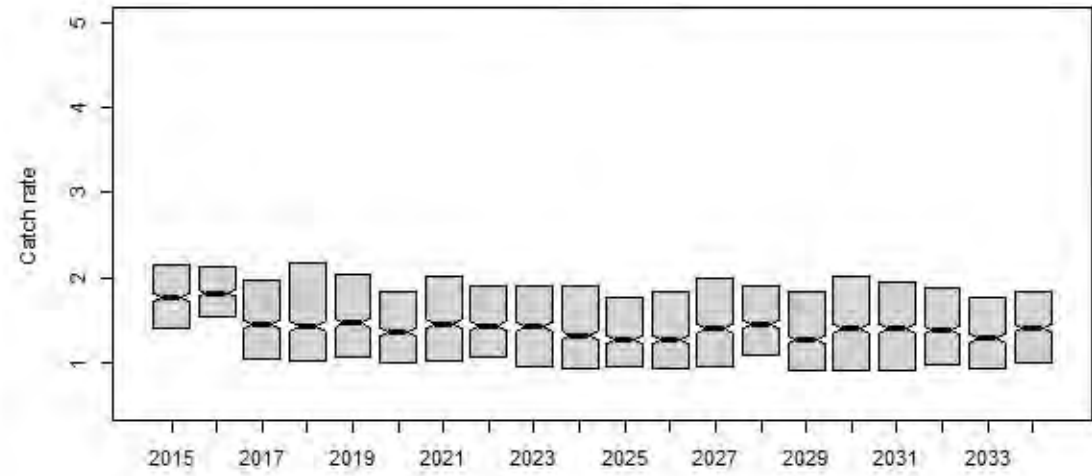
Preseas0



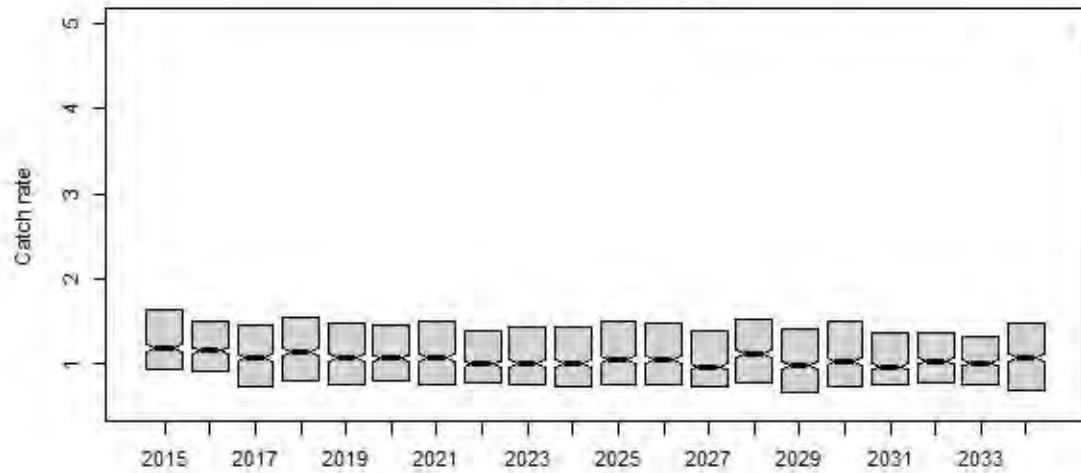
Midsurv1



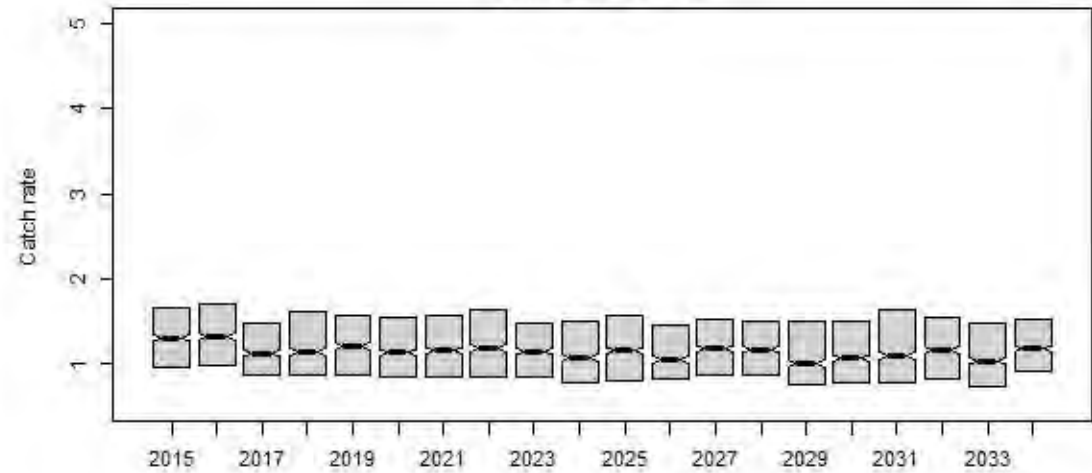
Midsurv2



Future_CPUE_TVH

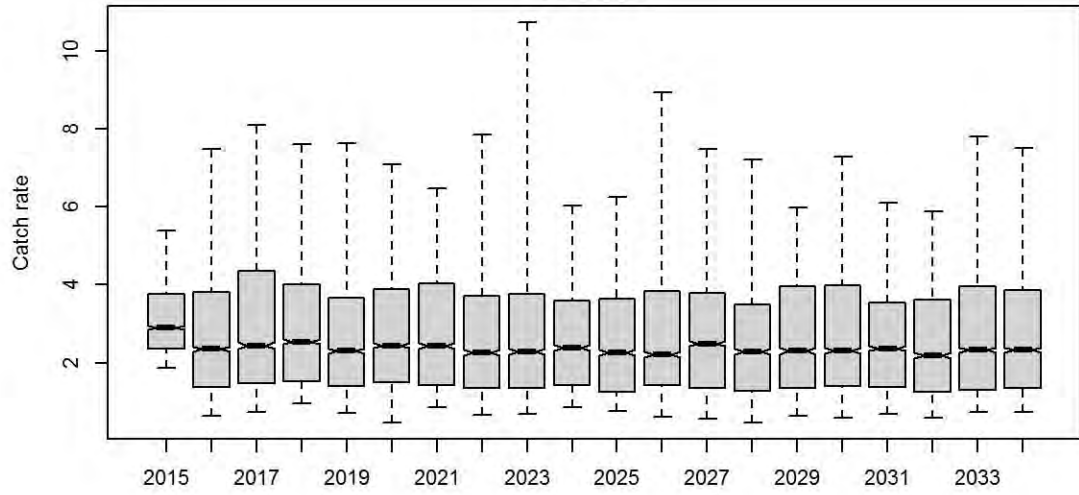


Future_CPUE_TIB

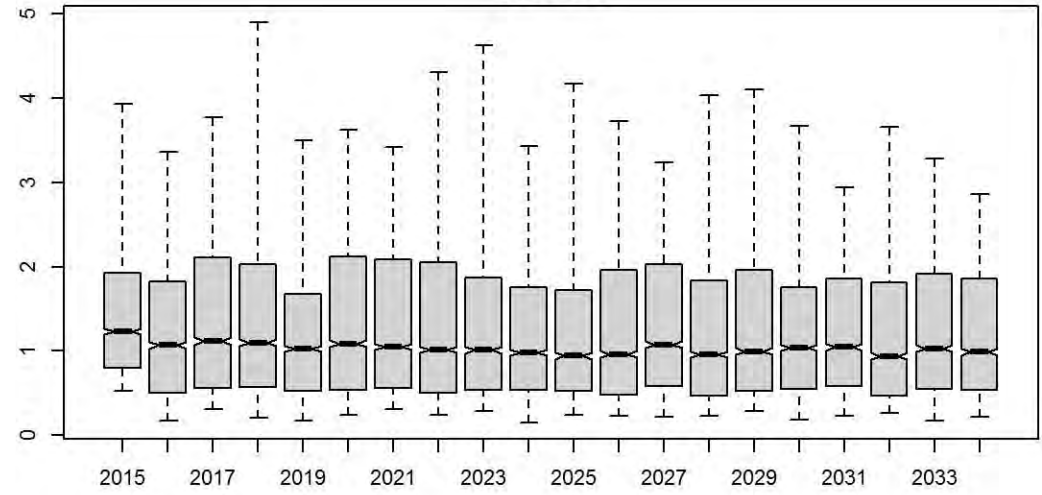


rHCR3

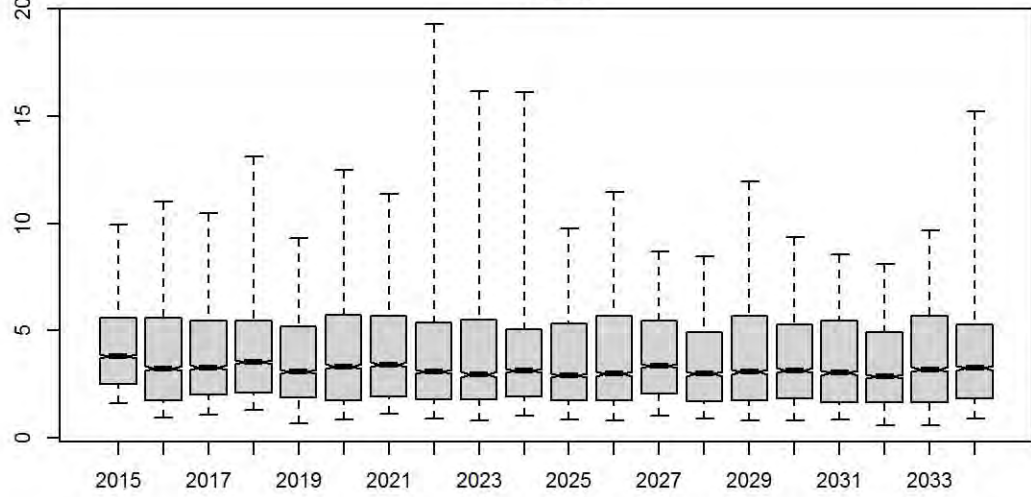
Preseas1



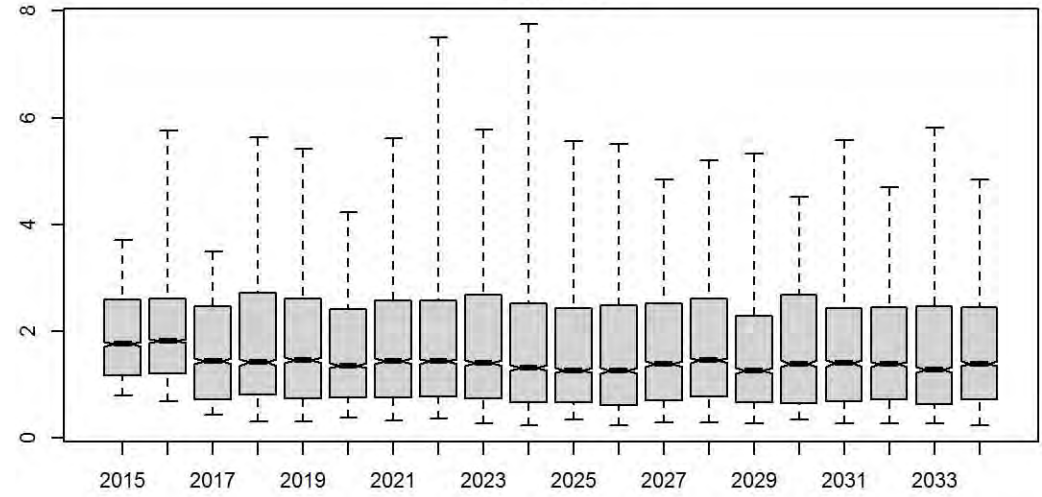
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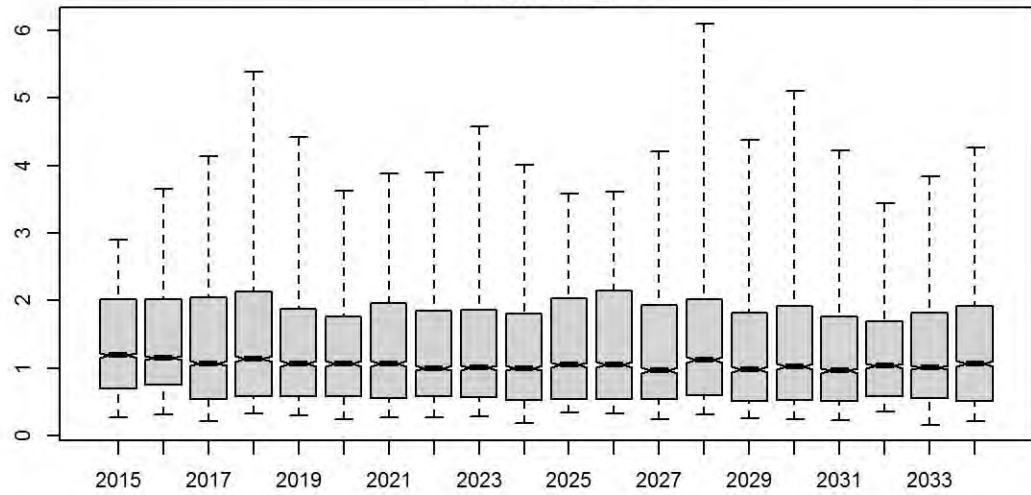
Midsurv1



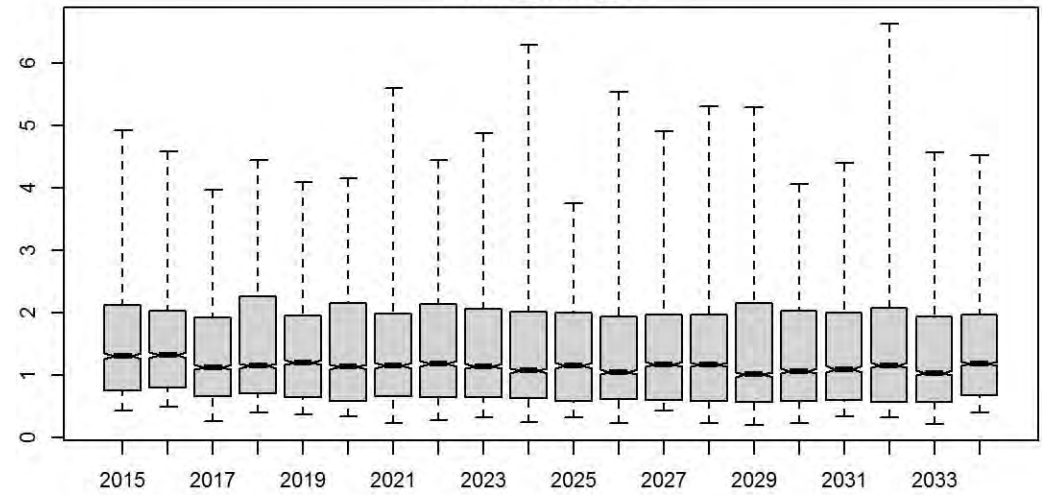
Midsurv2



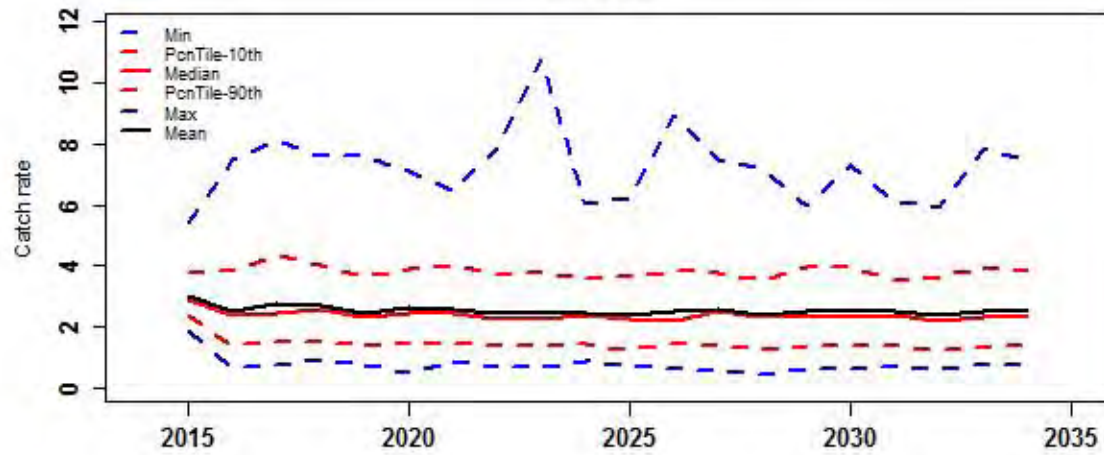
Future_CPUE_TVH



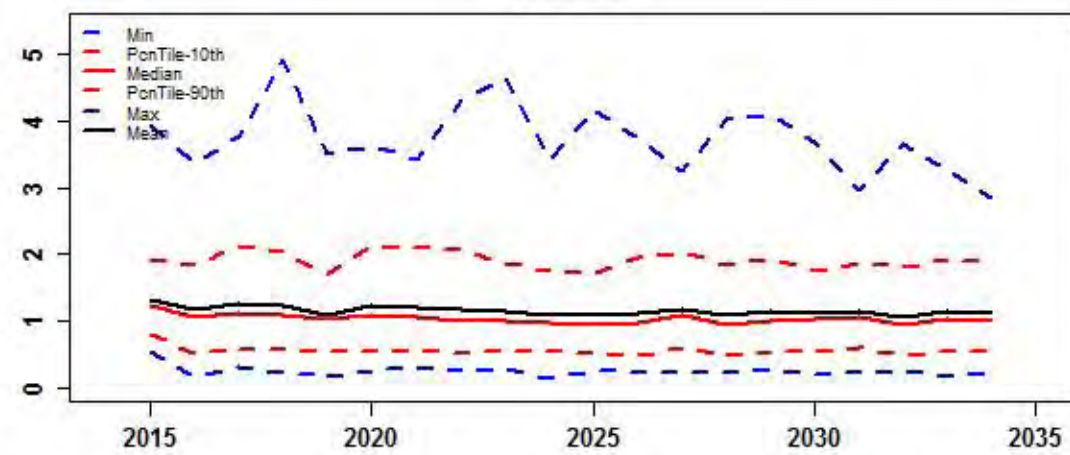
Future_CPUE_TIB



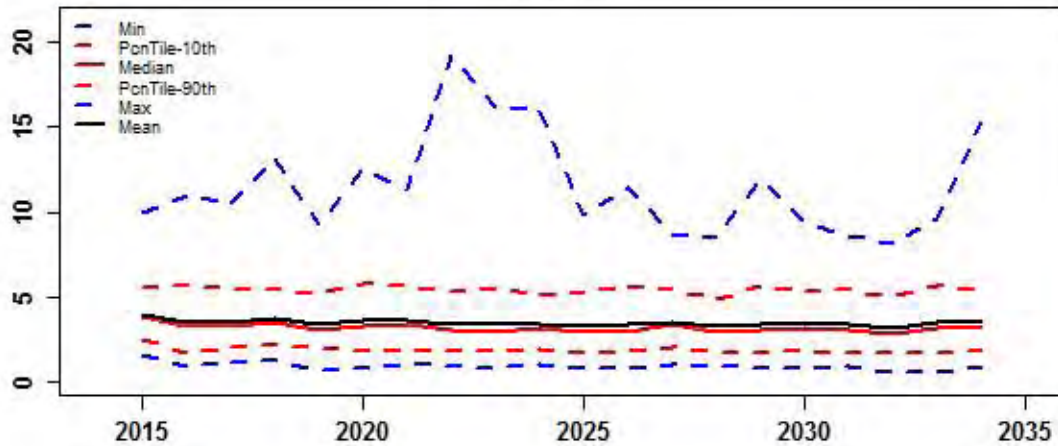
Preseas1



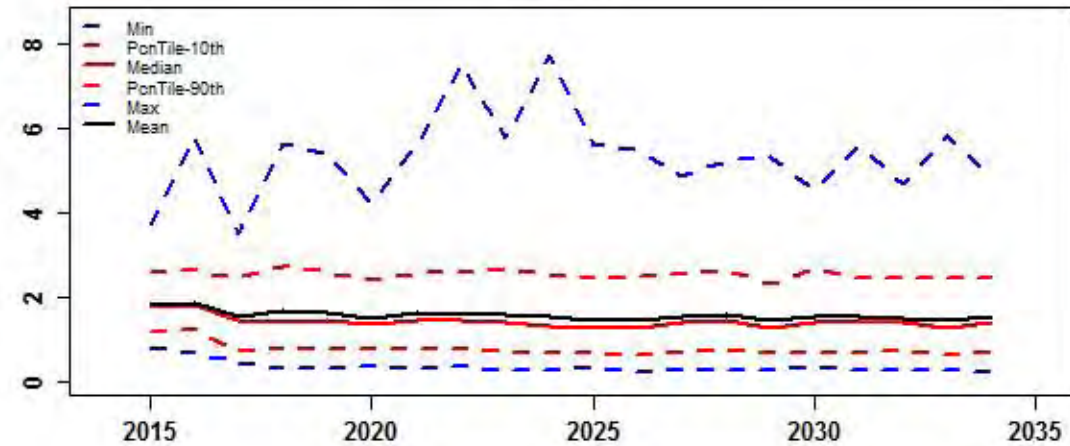
Preseas0



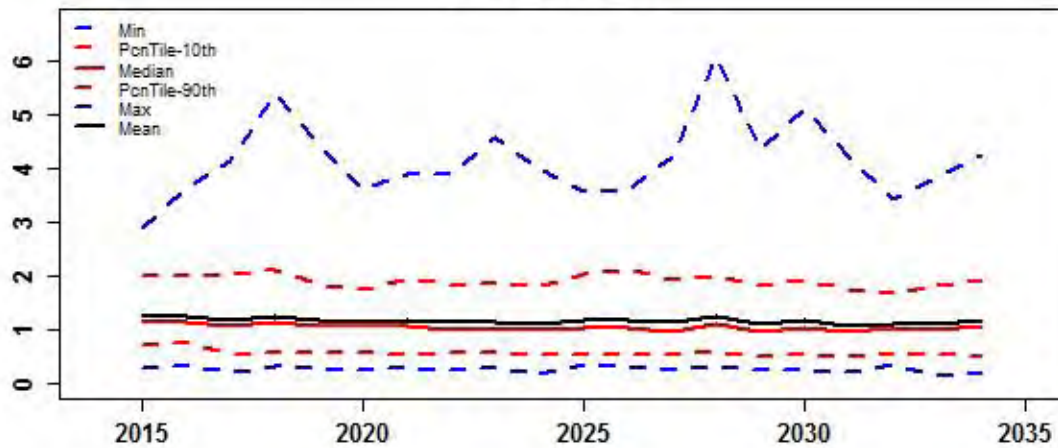
Midsurv1



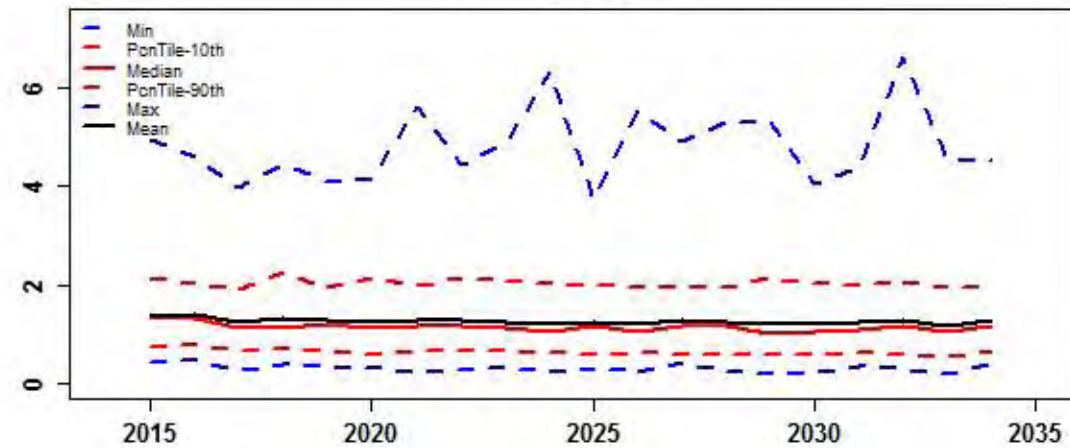
Midsurv2



Future_CPUE_TVH

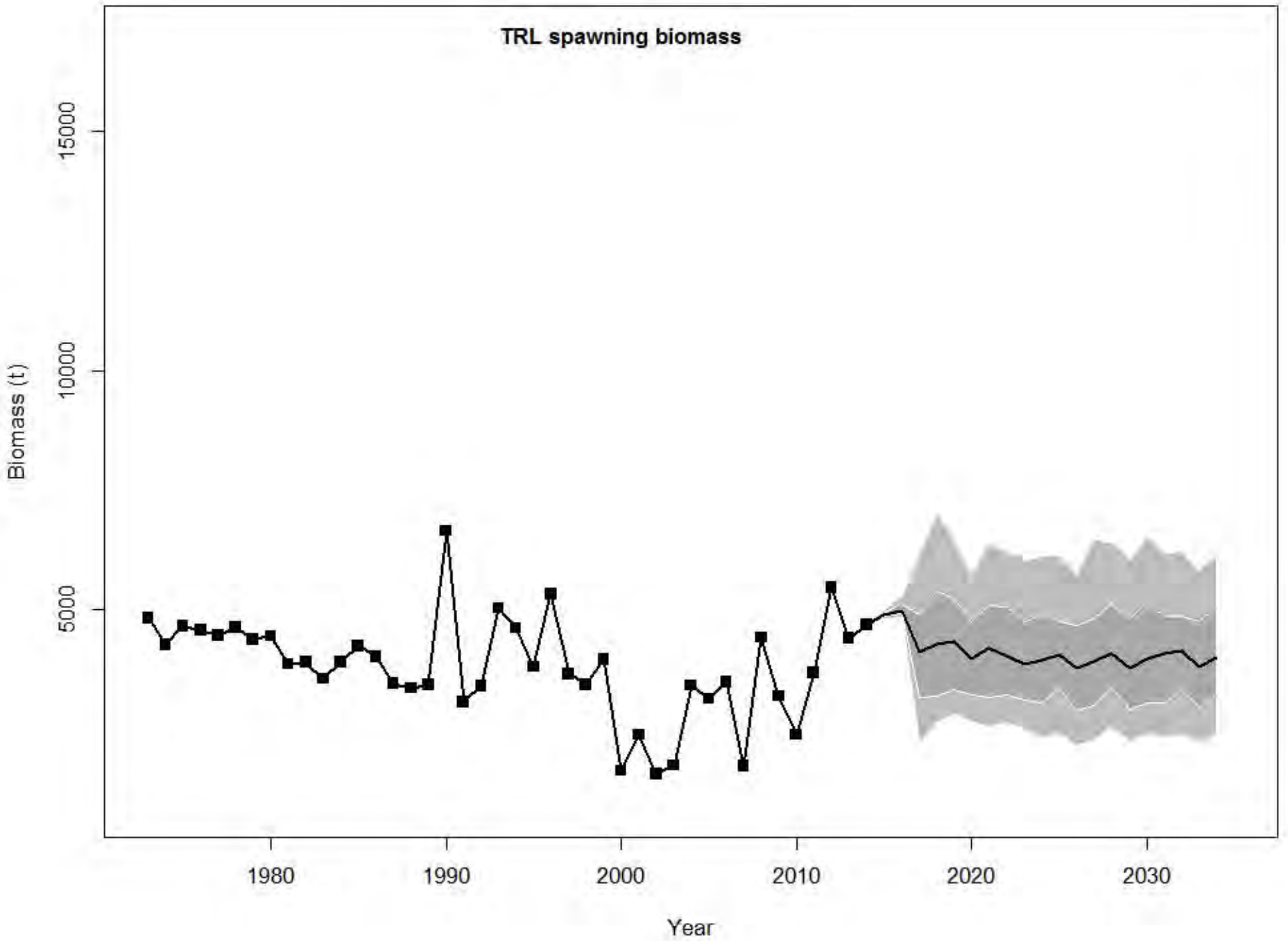


Future_CPUE_TIB

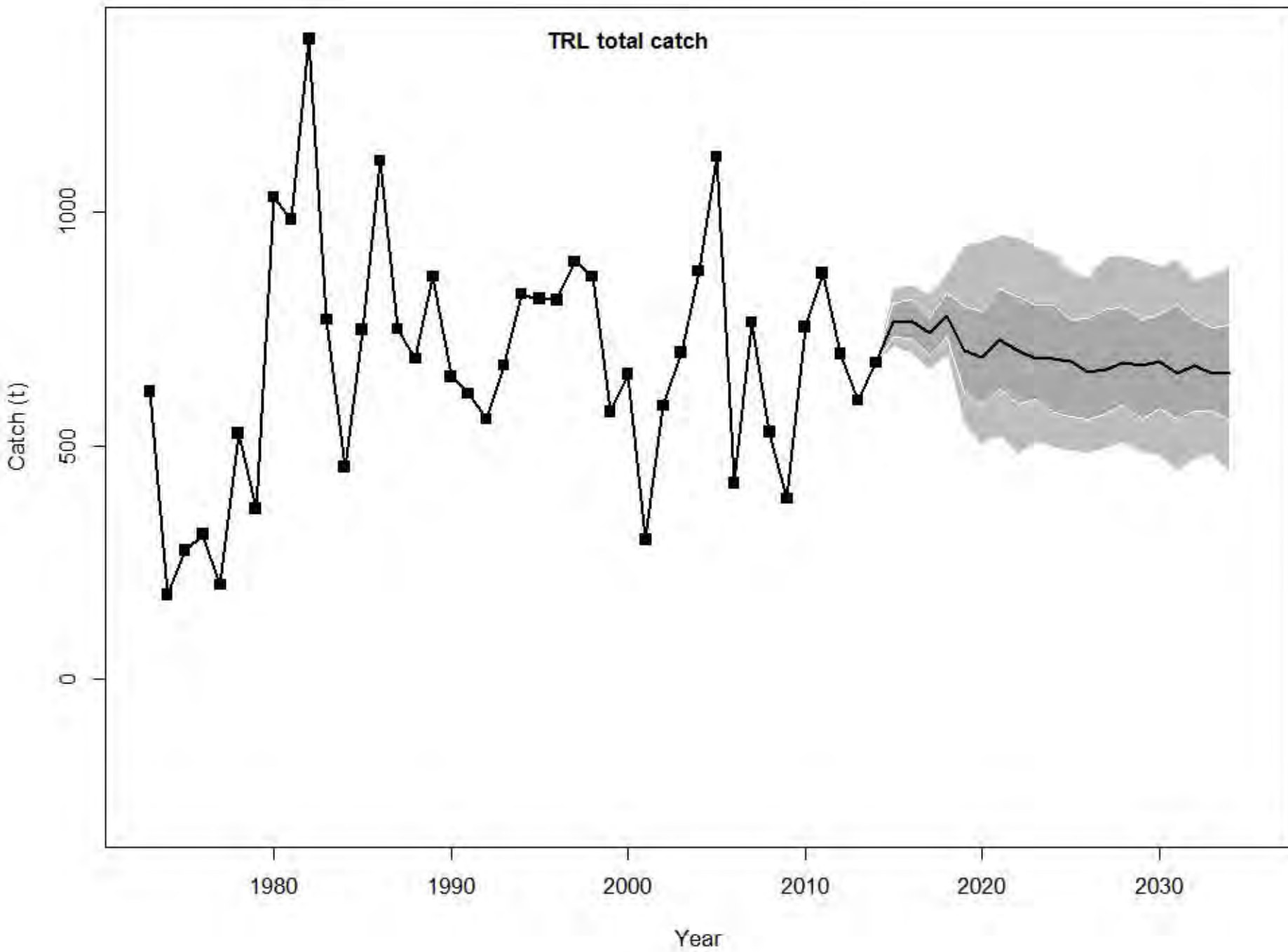


**HARVEST
CONTROL
RULE
SCENARIO 4**

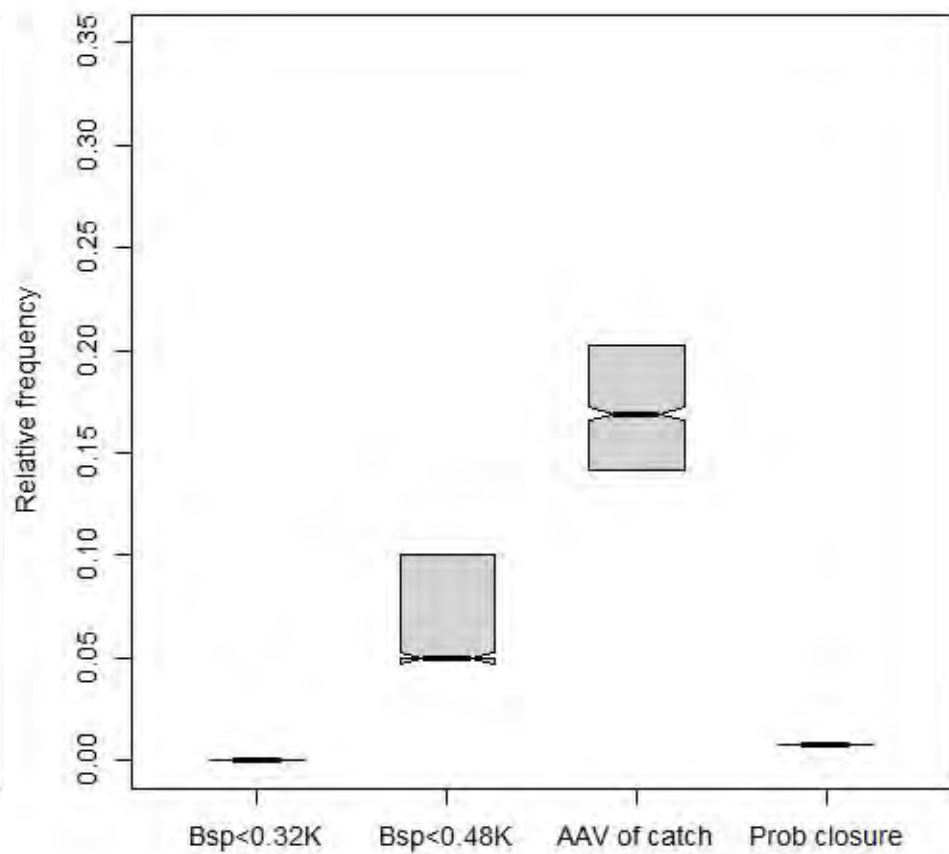
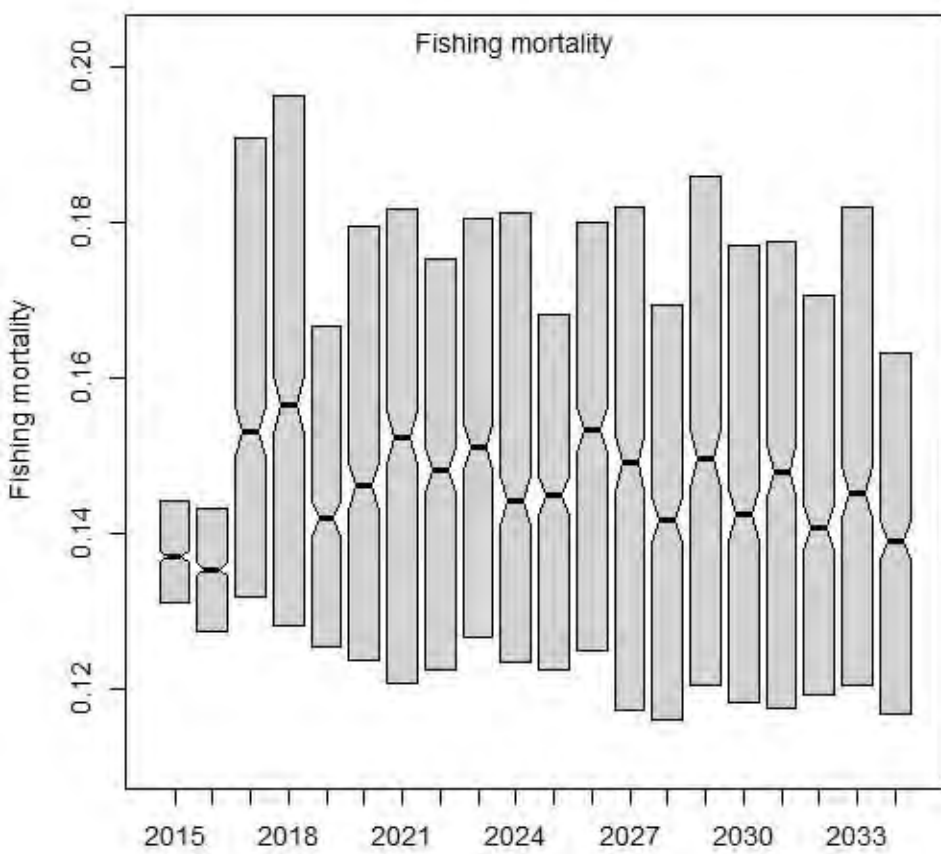
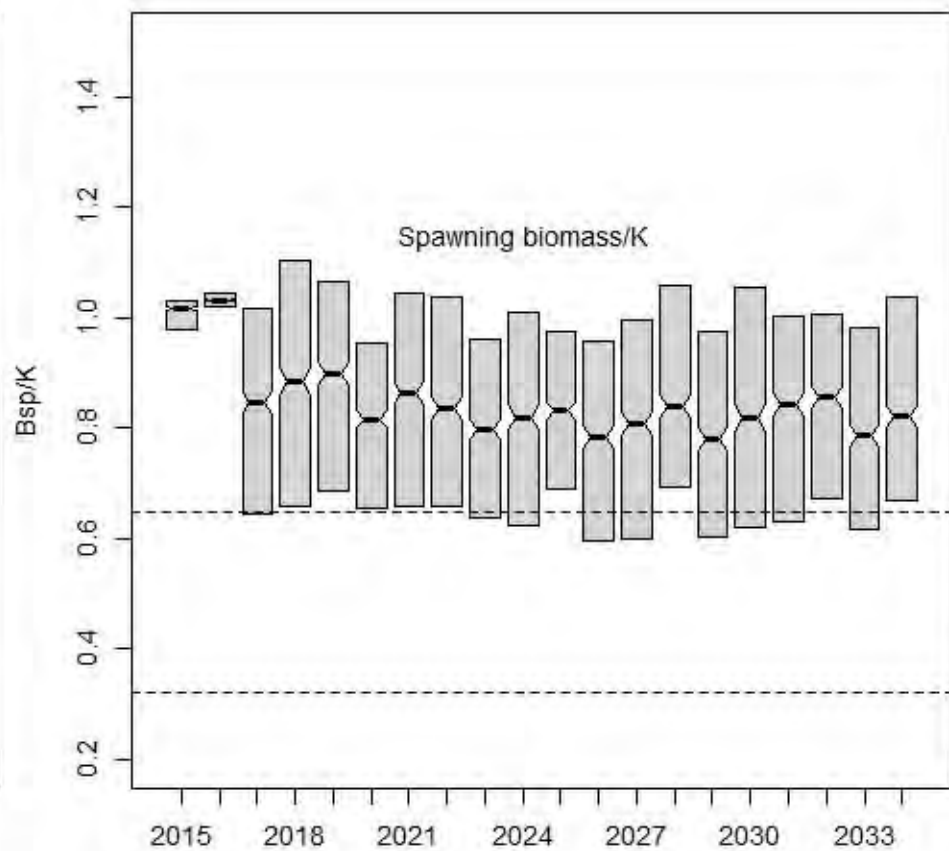
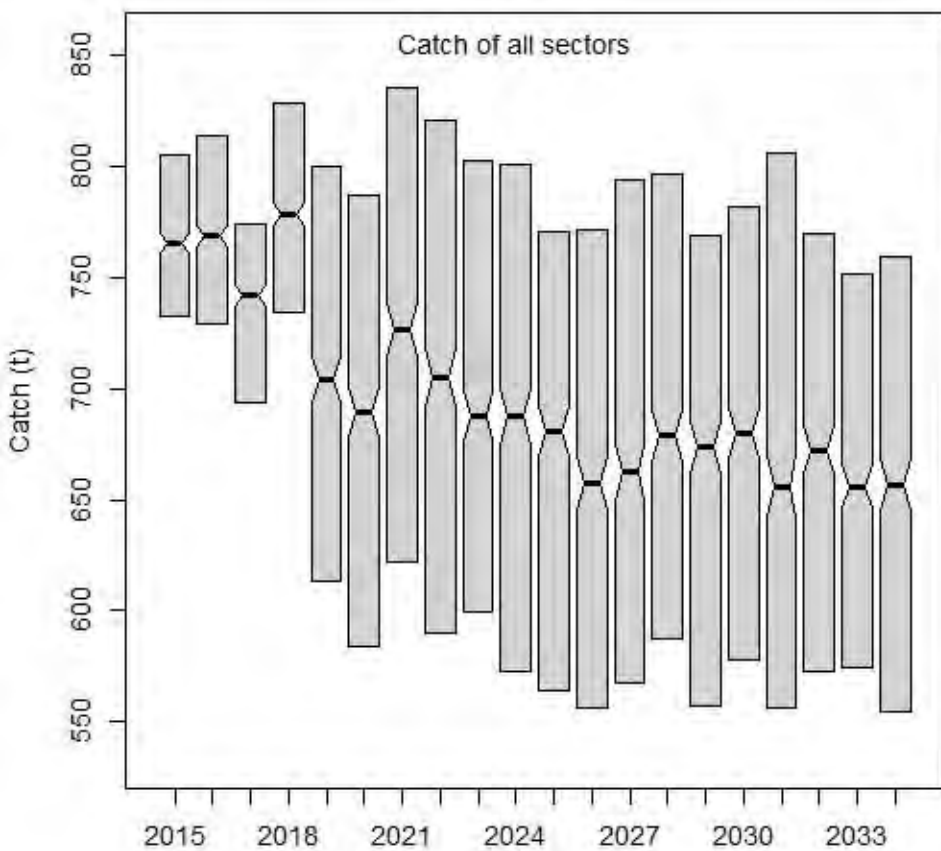
rHCR4



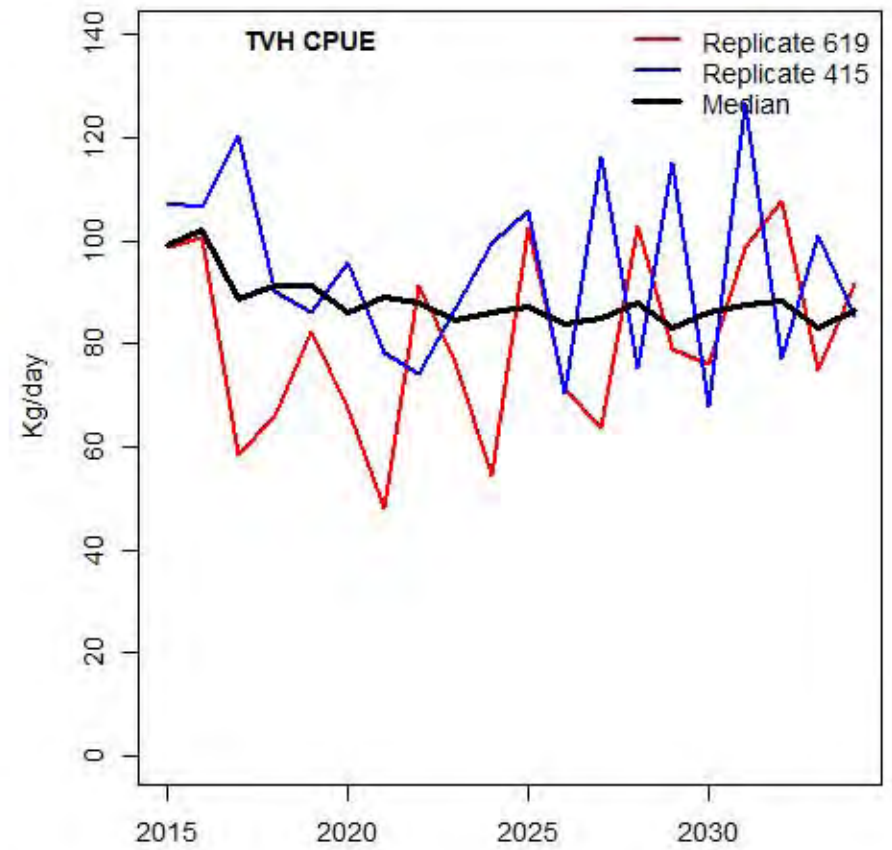
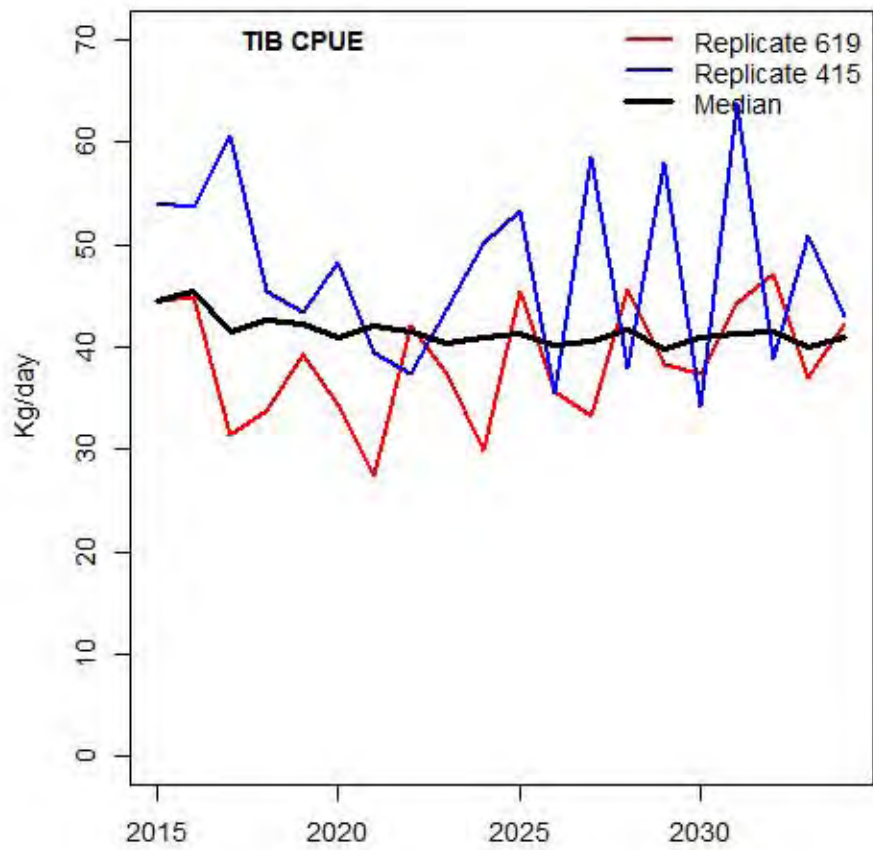
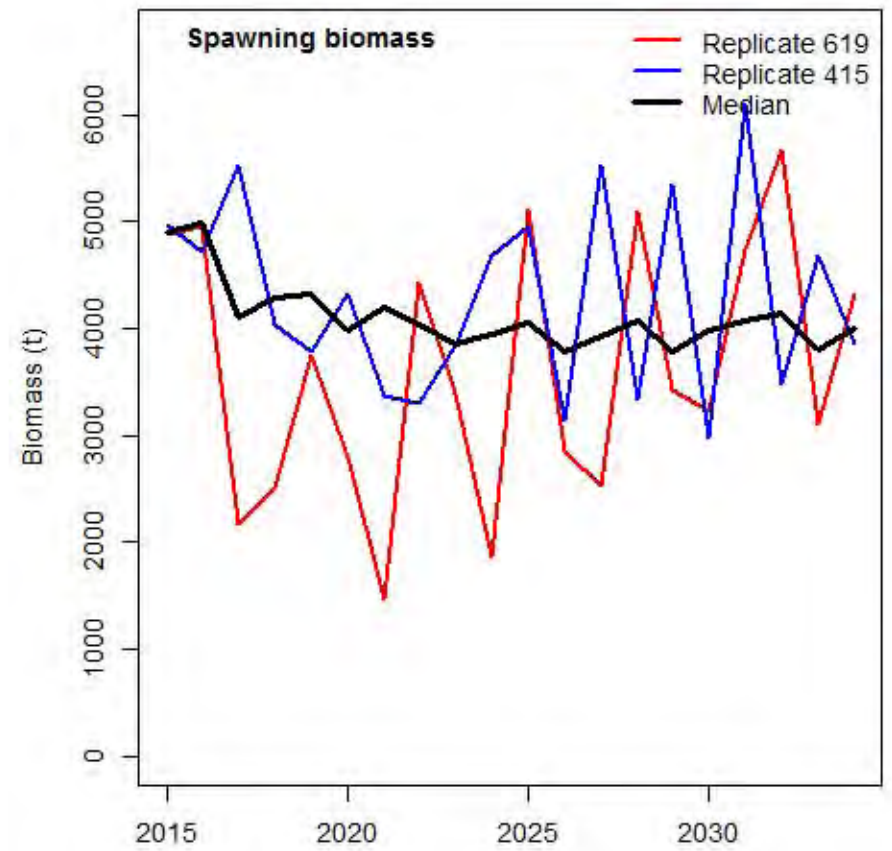
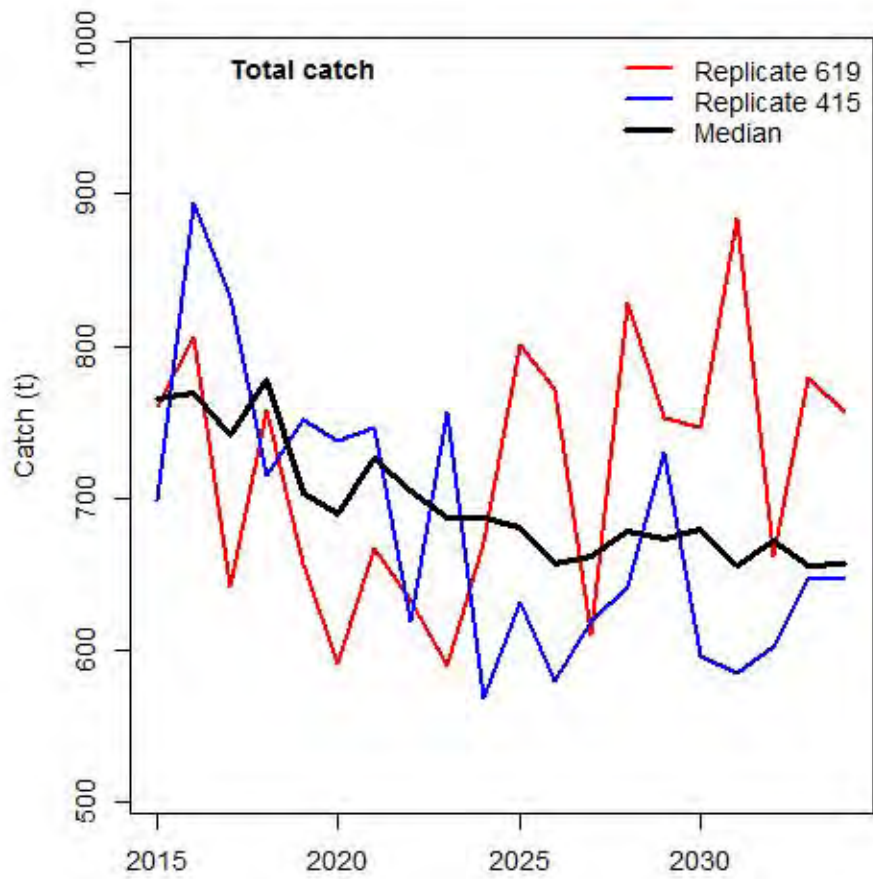
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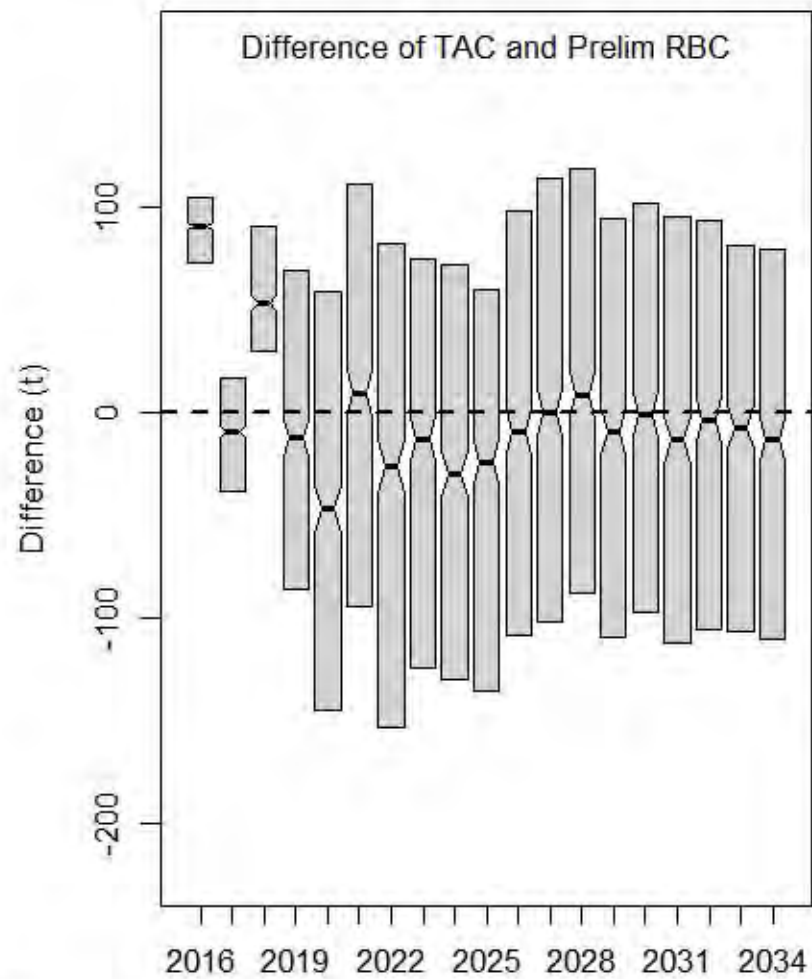
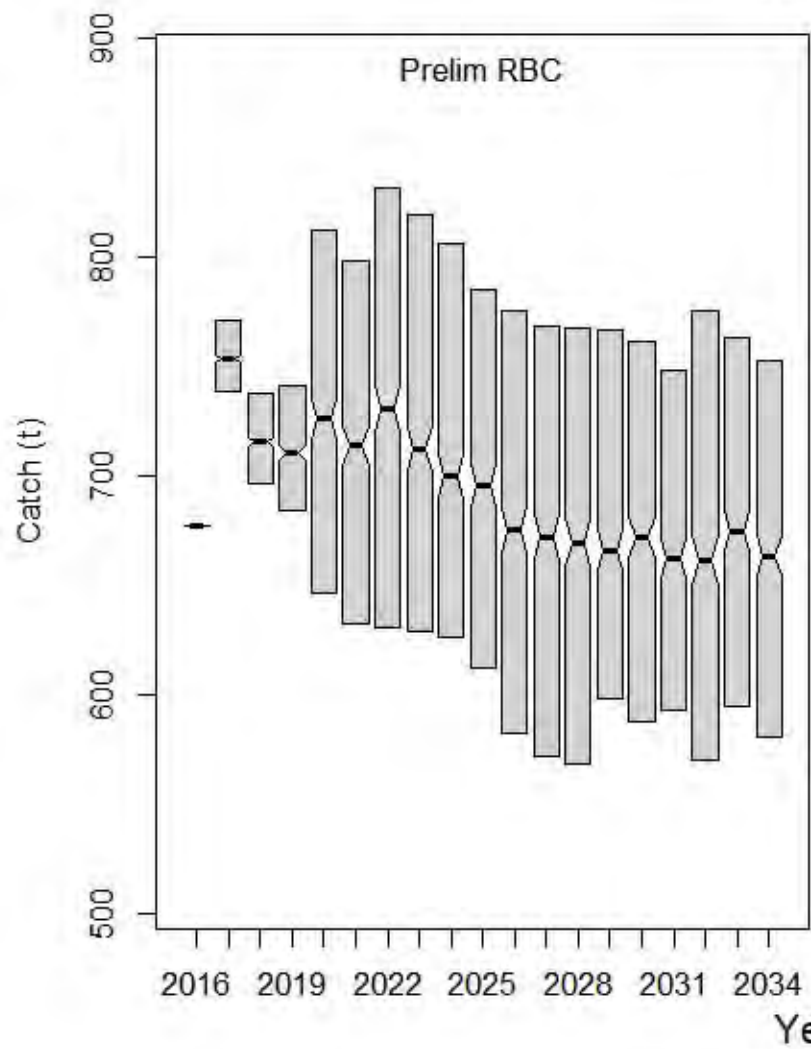
rHCR4



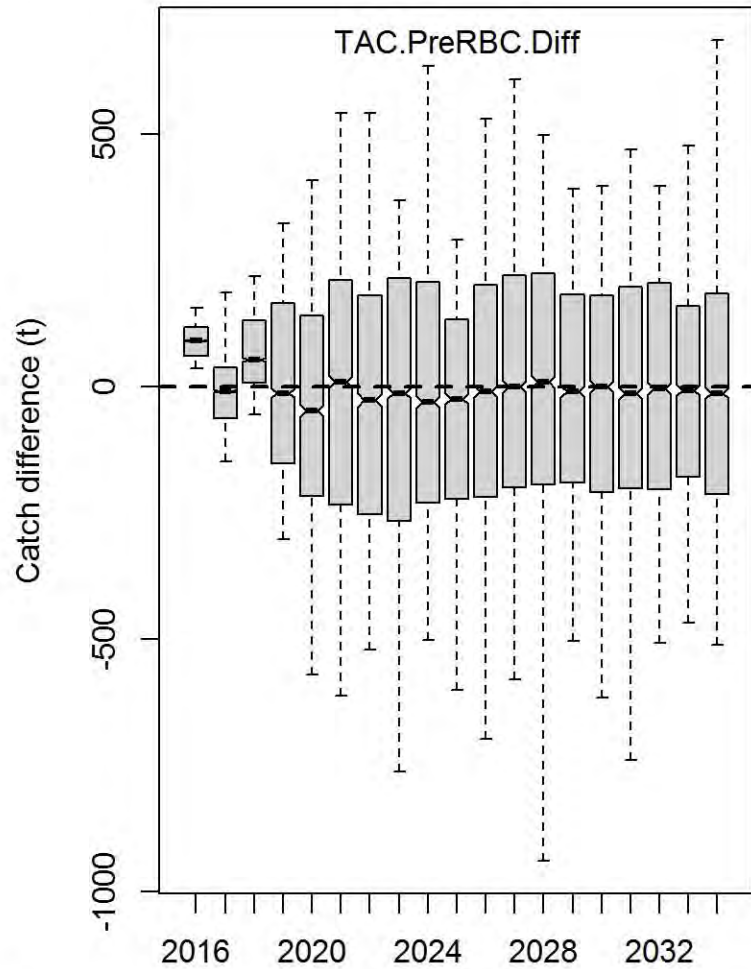
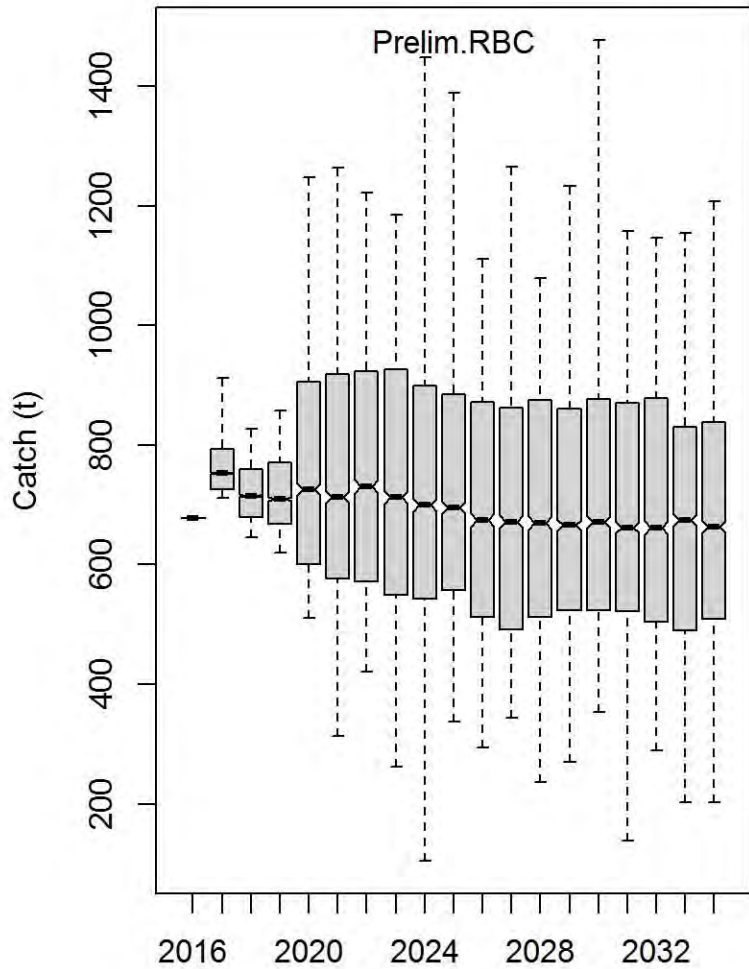
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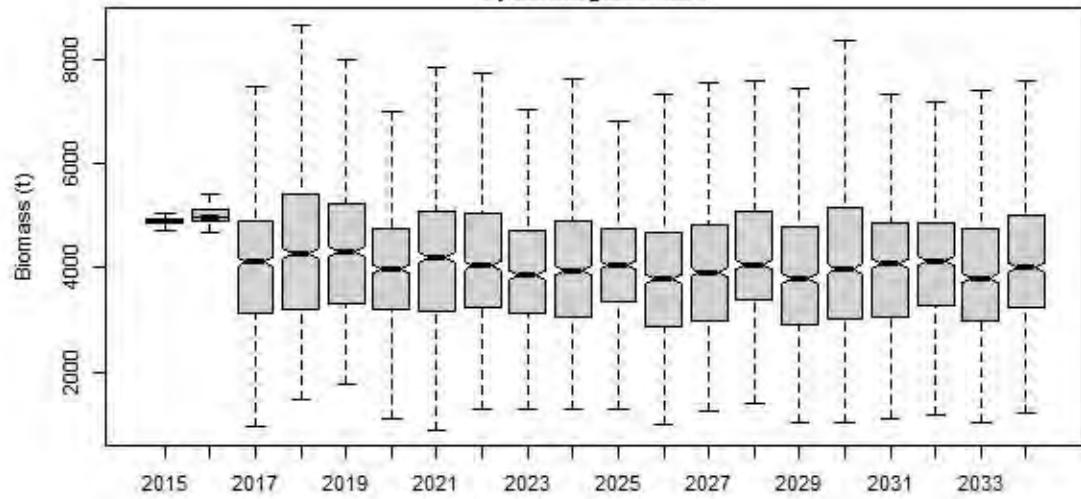
rHCR4



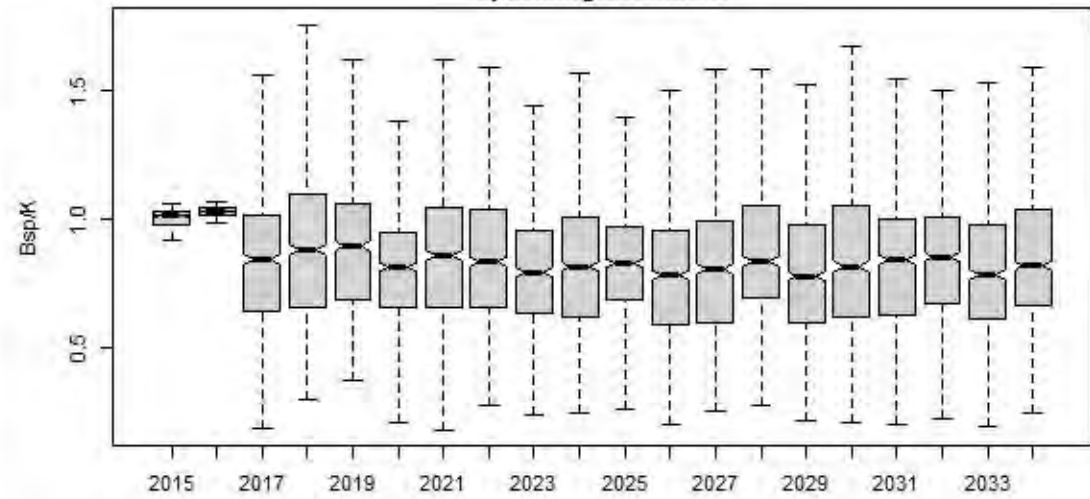
rHCR4



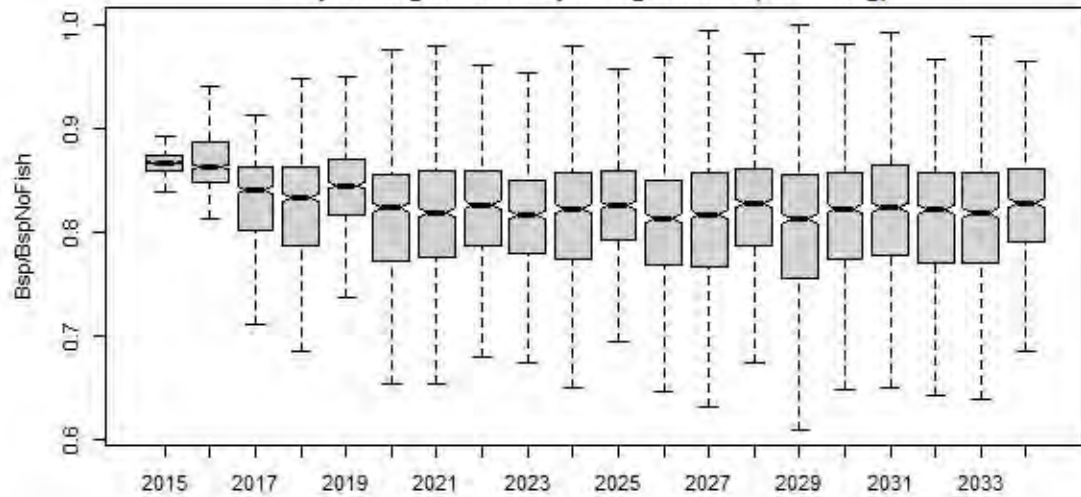
Spawning biomass



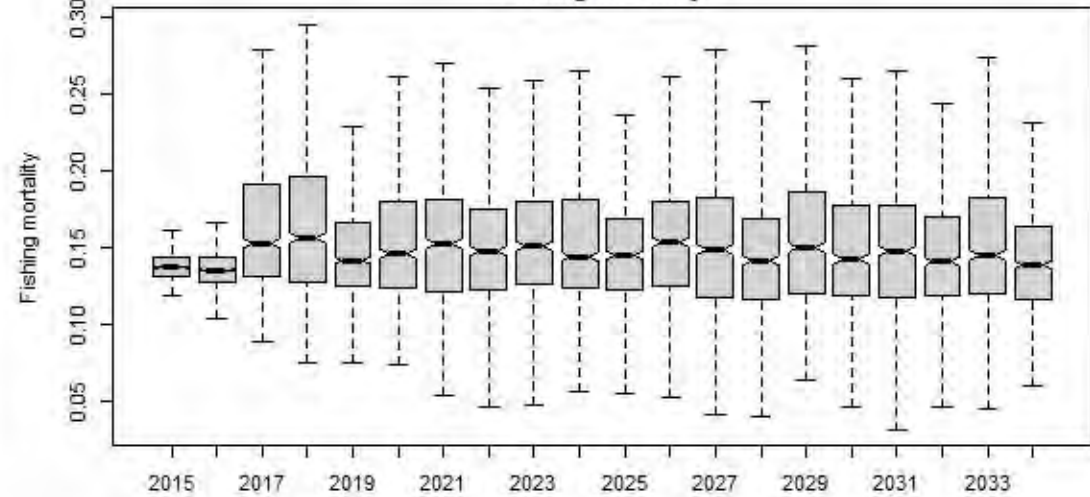
Spawning biomass/K



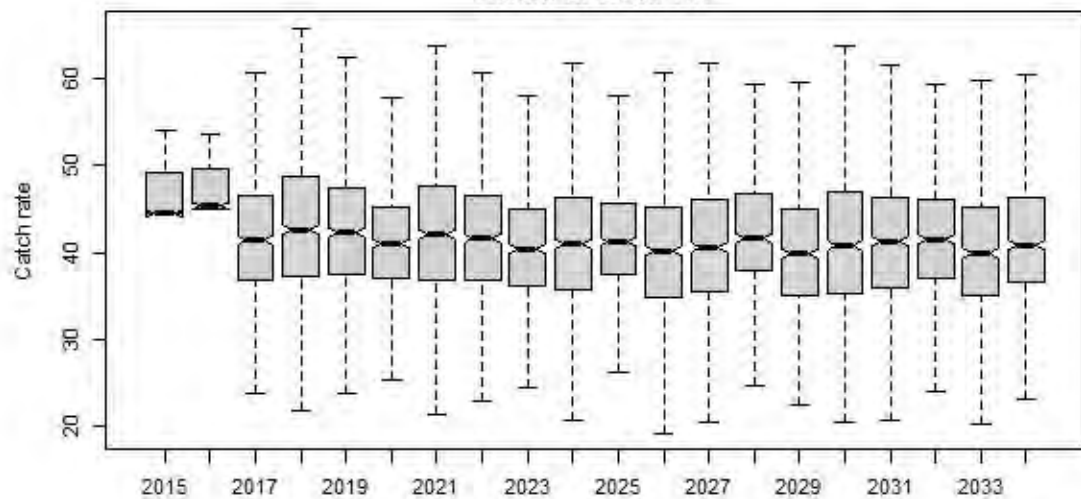
Spawning biomass/Spawning biomass(no fishing)



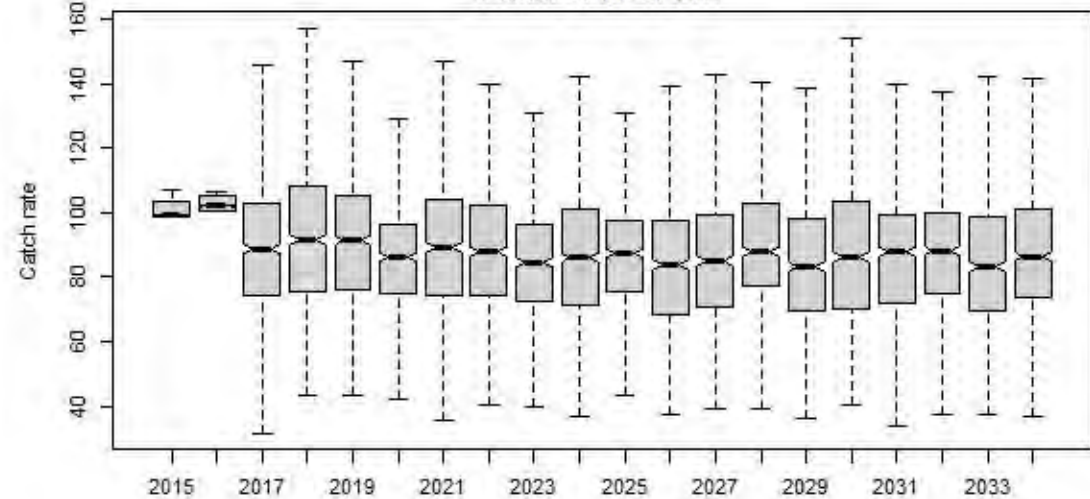
Fishing mortality



Actual CPUE of TIB

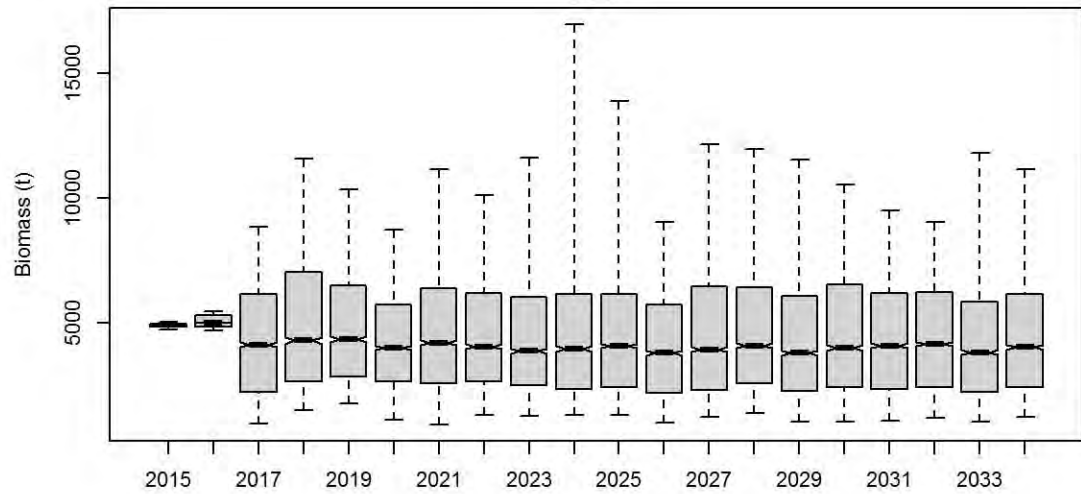


Actual CPUE of TVH

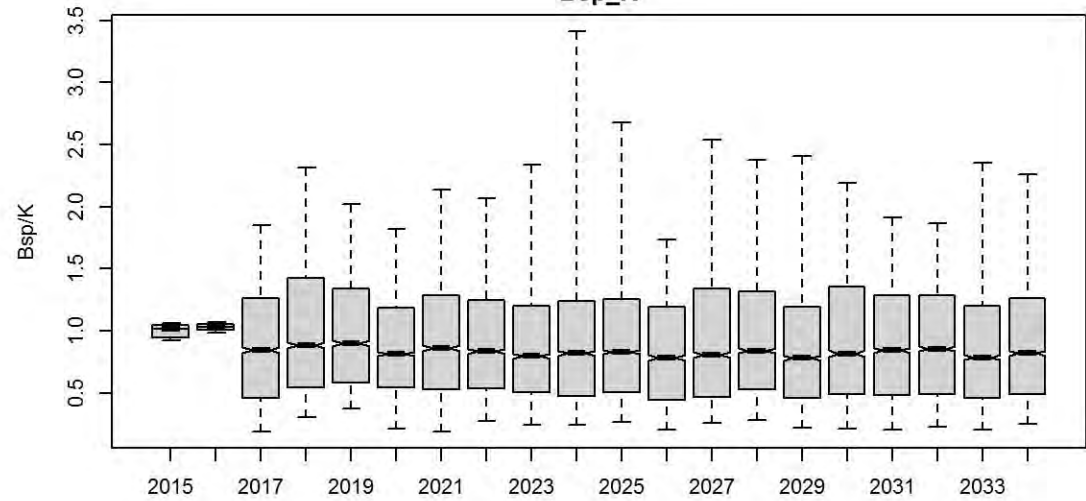


rHCR4

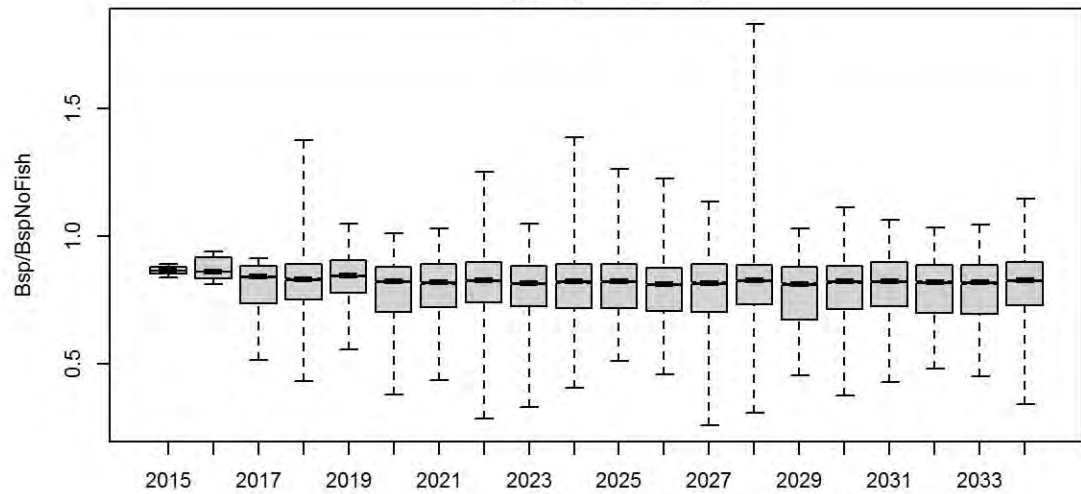
Bsp



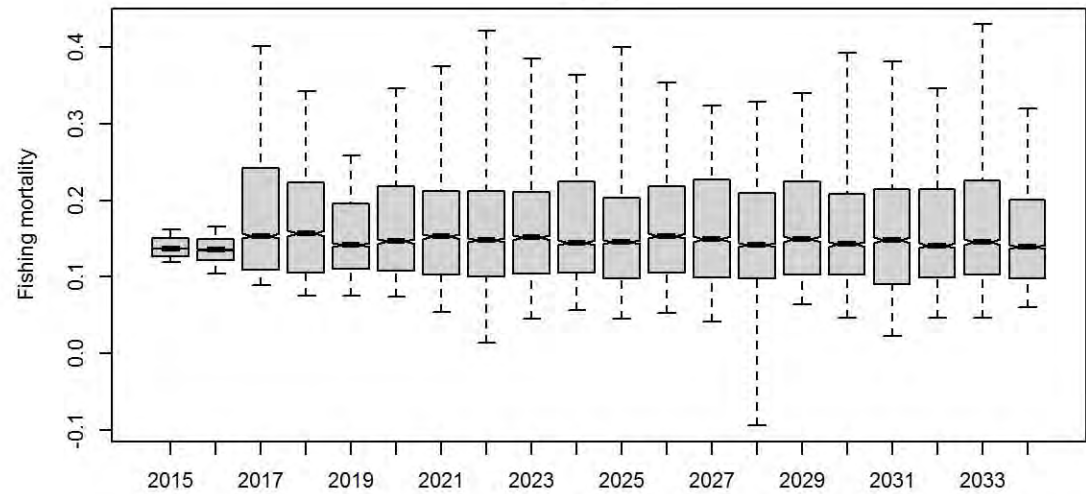
Bsp_K



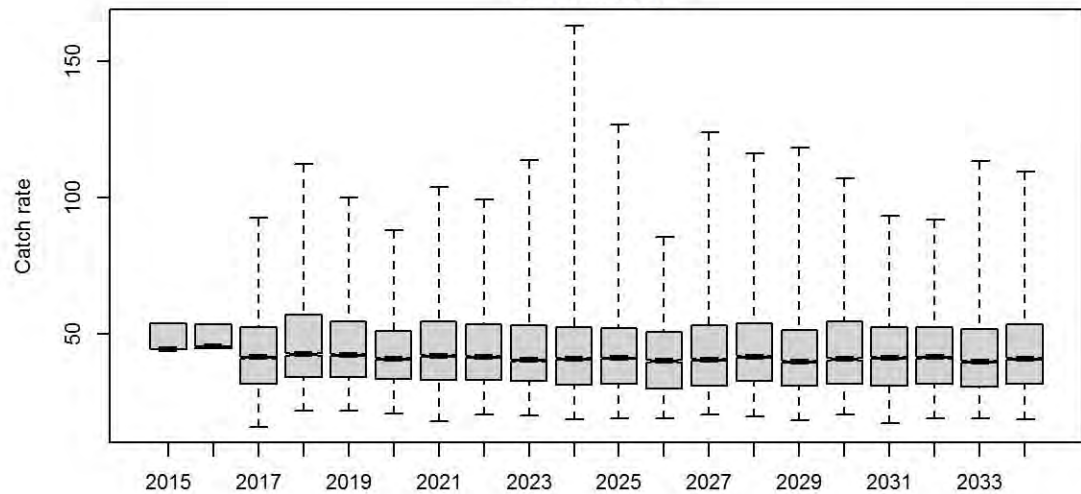
Bsp_BspNoFishing



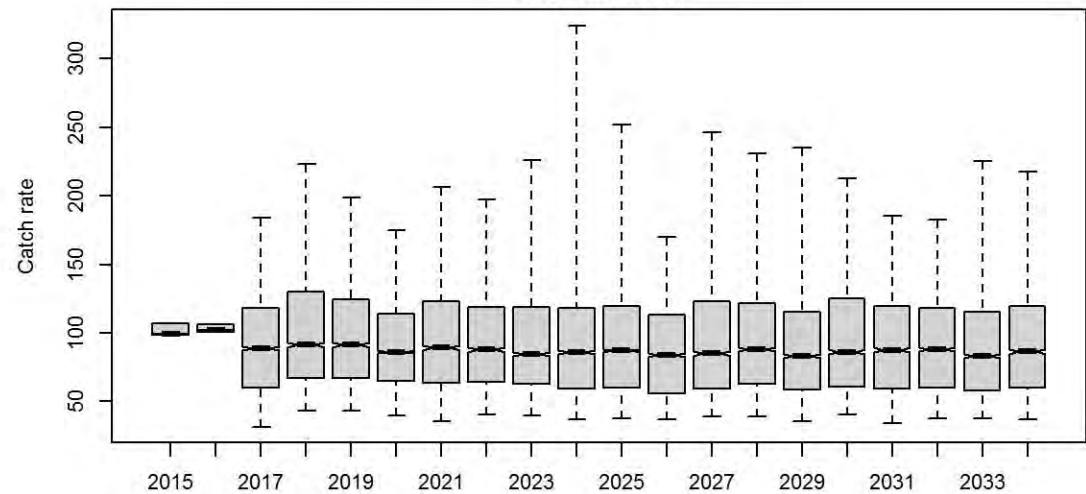
F.mal



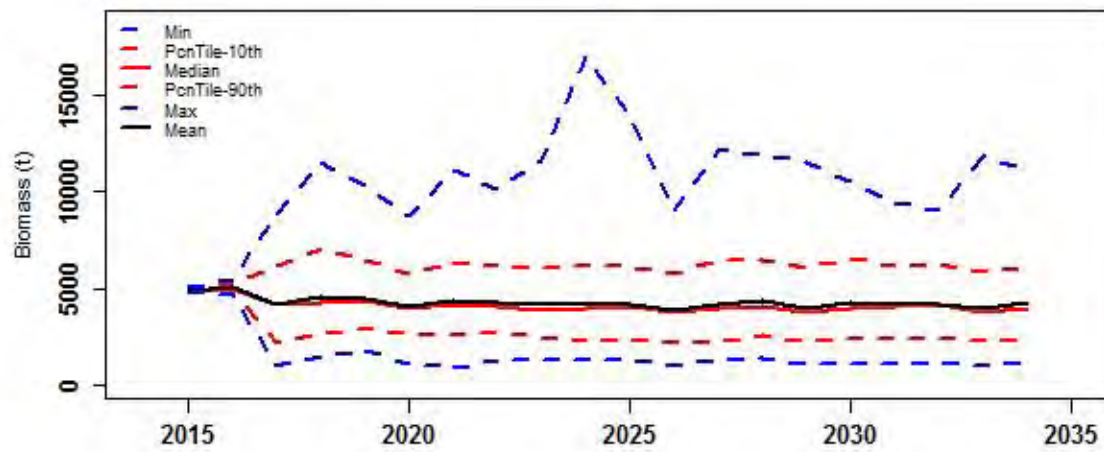
ActlCPUE.TIB



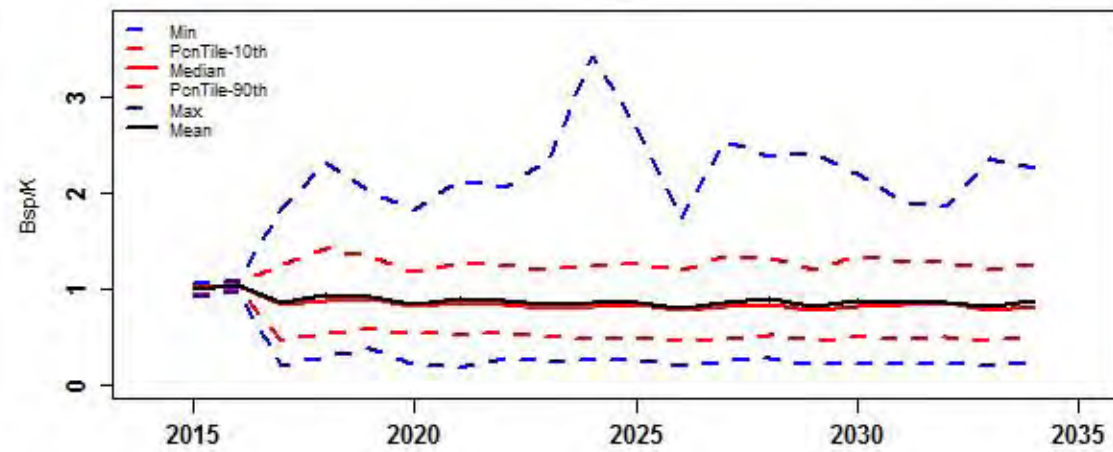
ActlCPUE.TVH



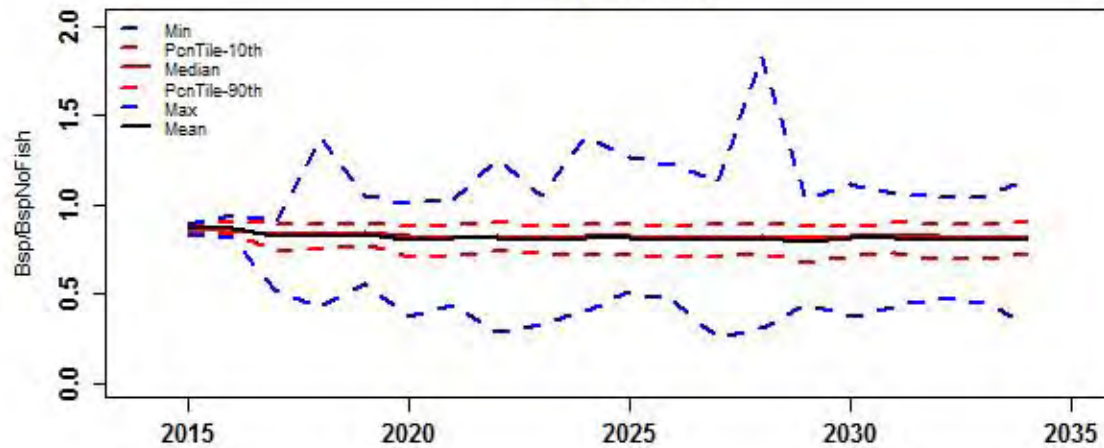
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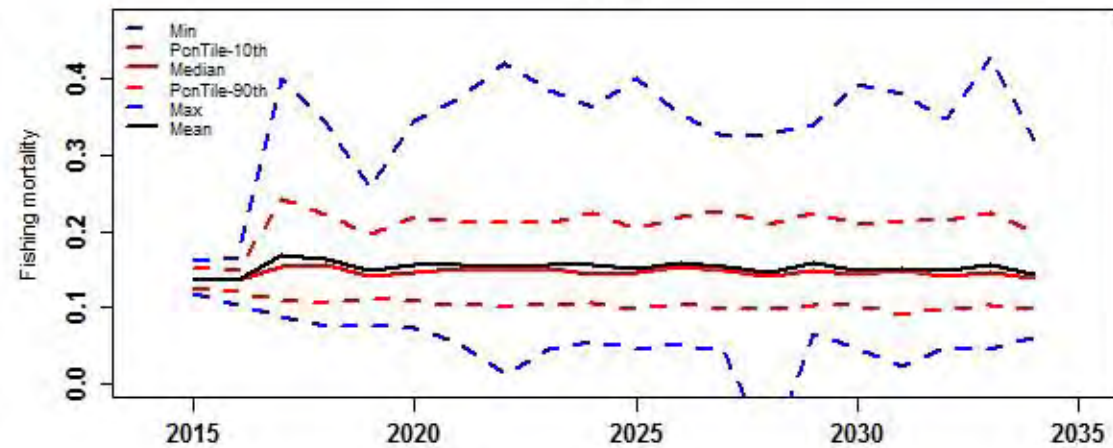
Bsp_K



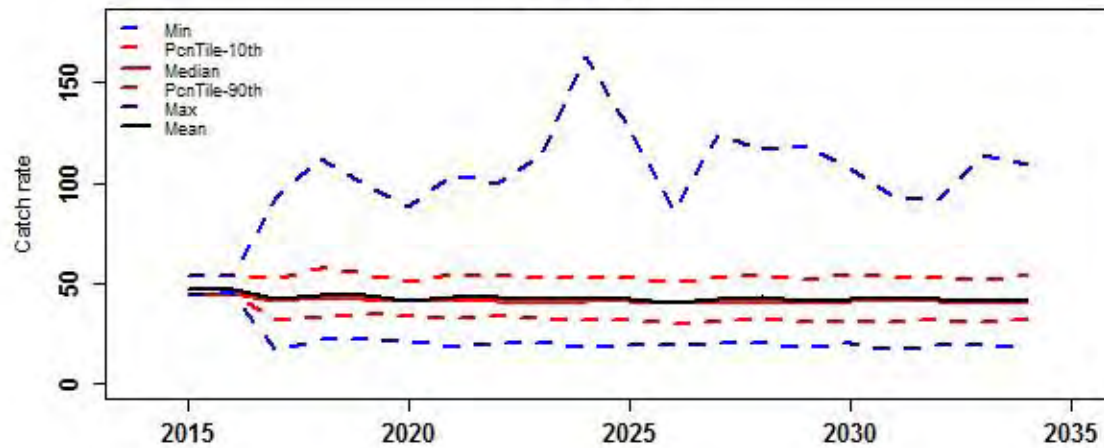
Bsp_BspNoFishing



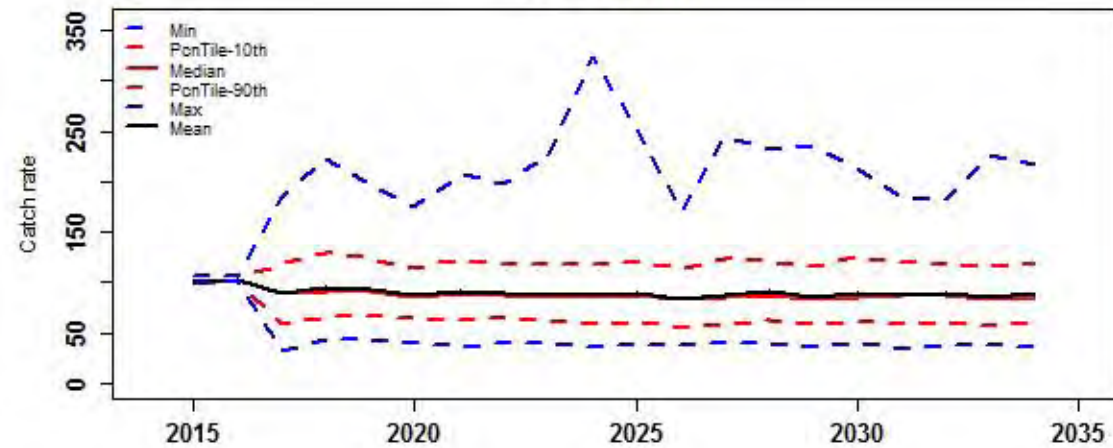
F.mal



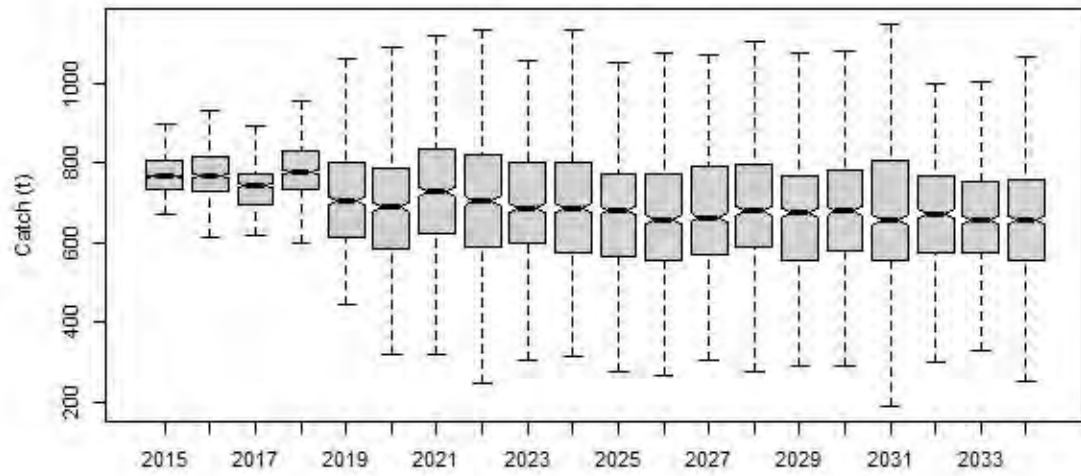
ActlCPUE.TIB



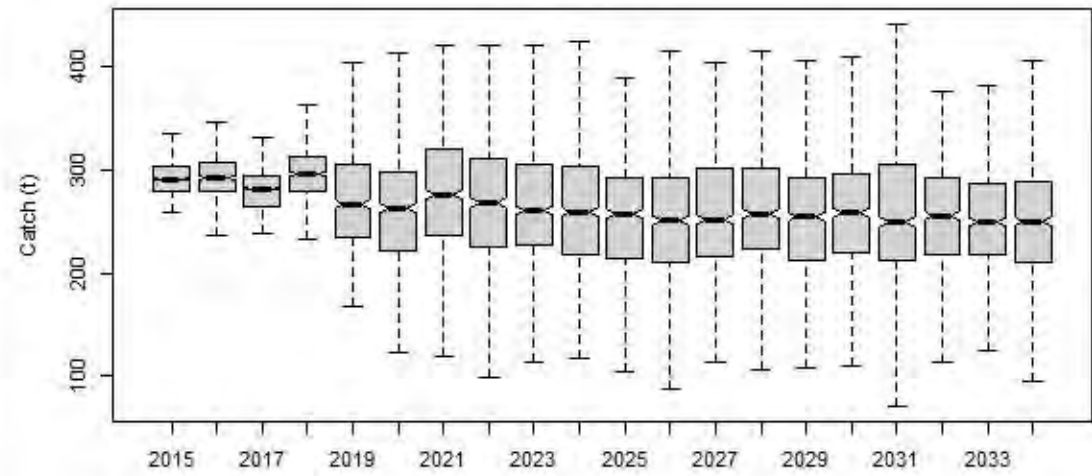
ActlCPUE.TVH



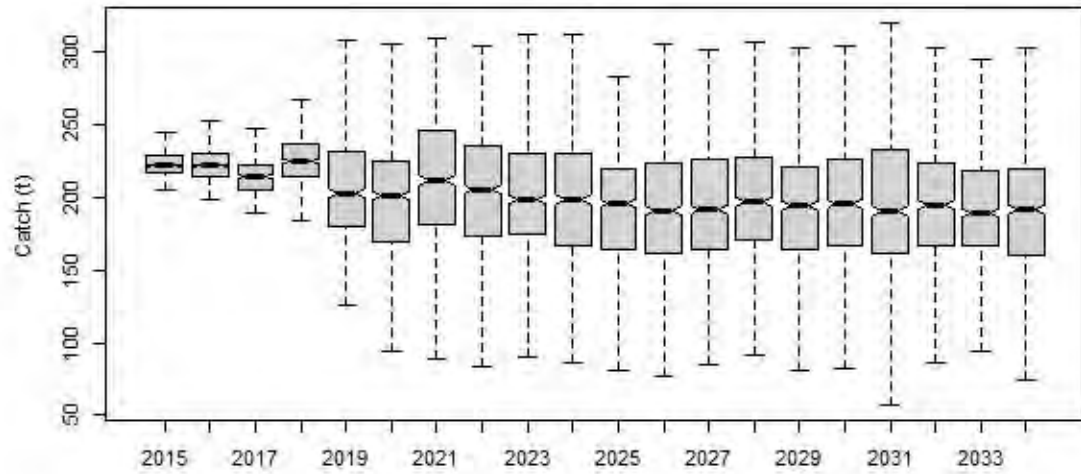
Catch of all sectors



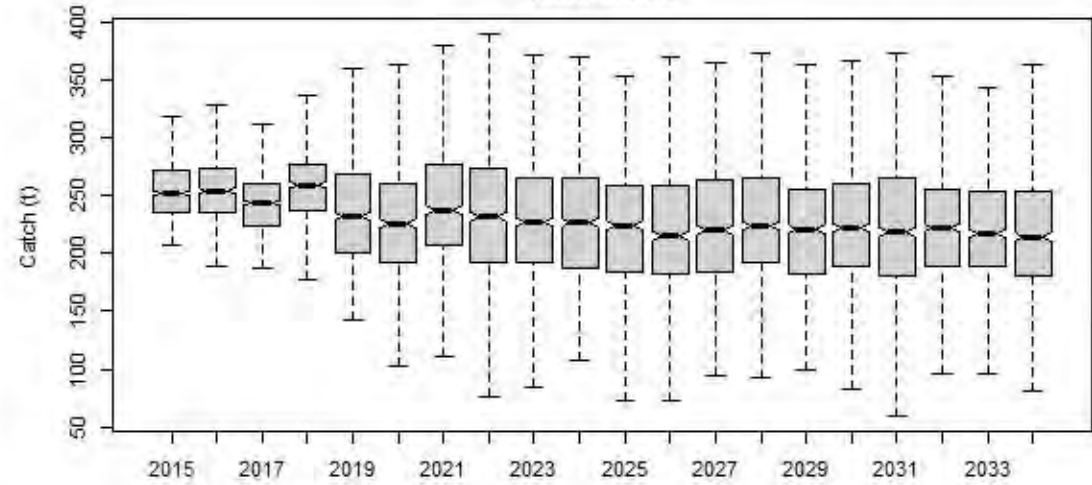
Catch of TIB



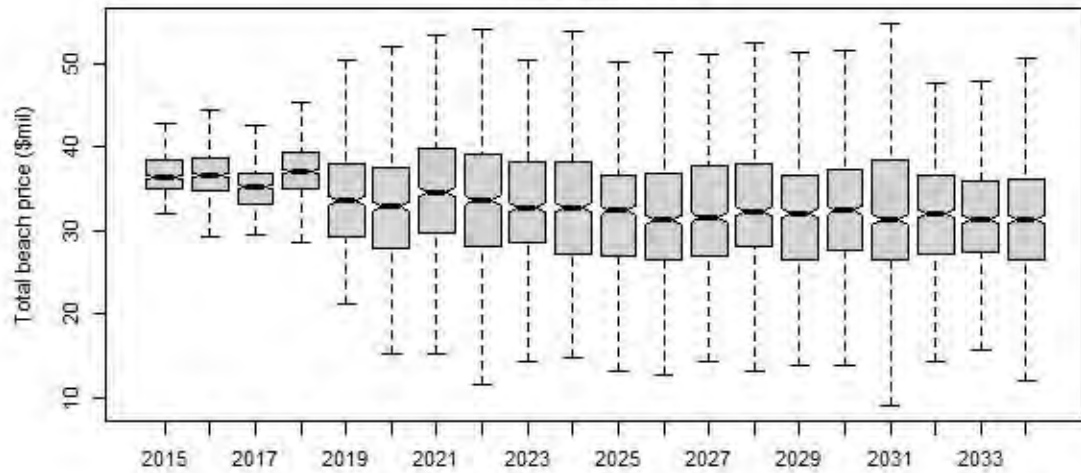
Catch of TVH



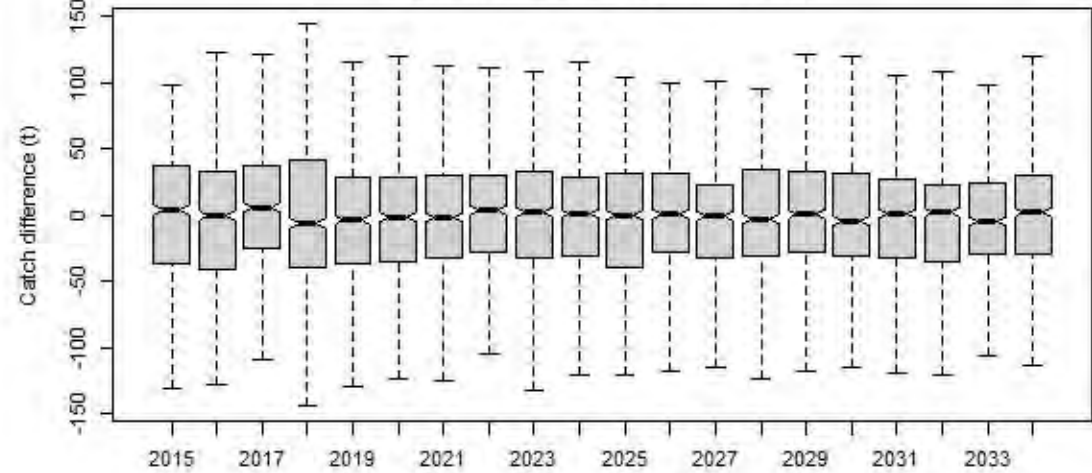
Catch of PNG



Total beach price

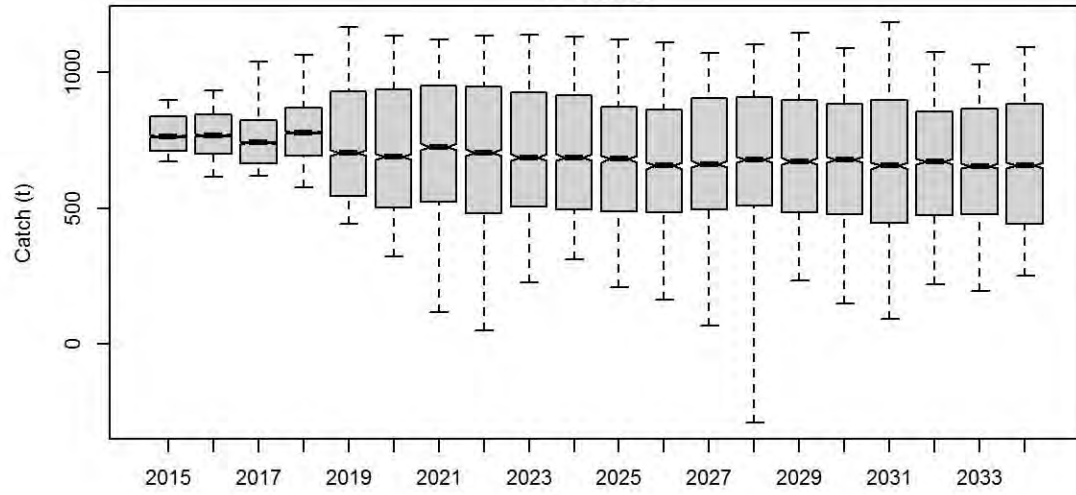


Difference of TAC and actual catch

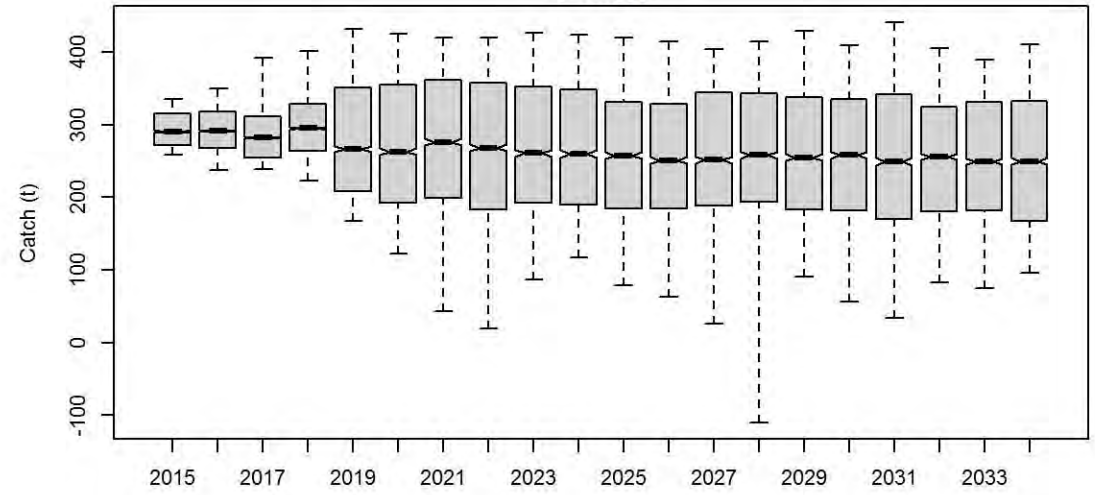


rHCR4

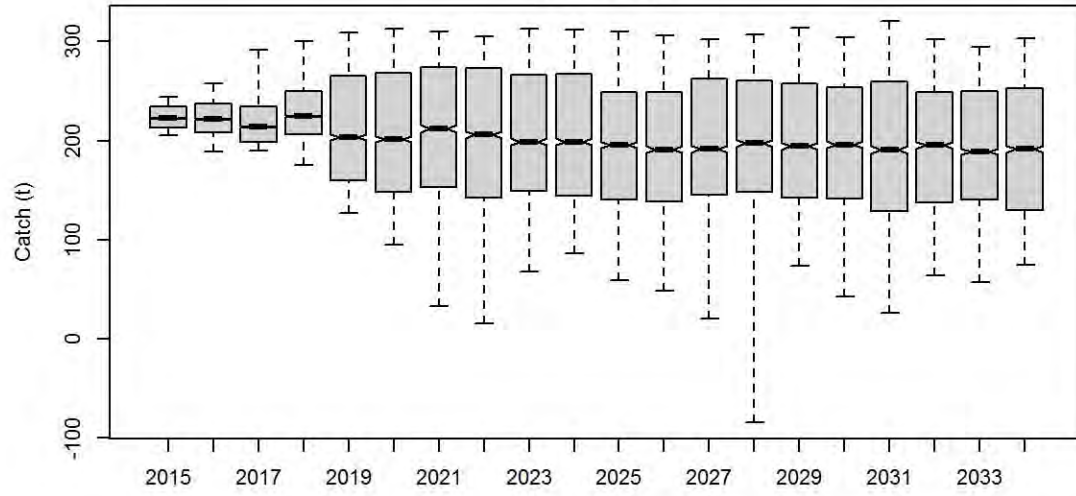
Catch.all



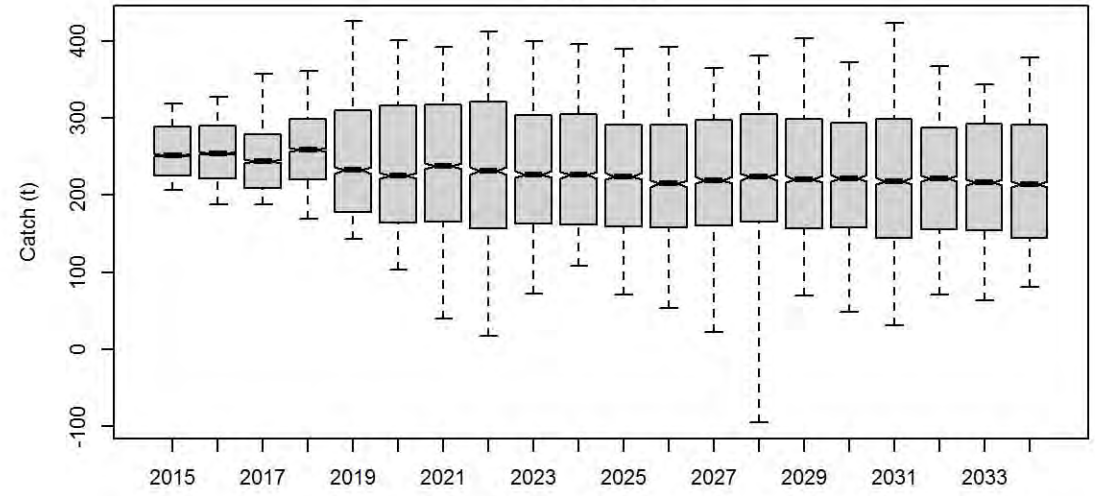
Catch.TIB



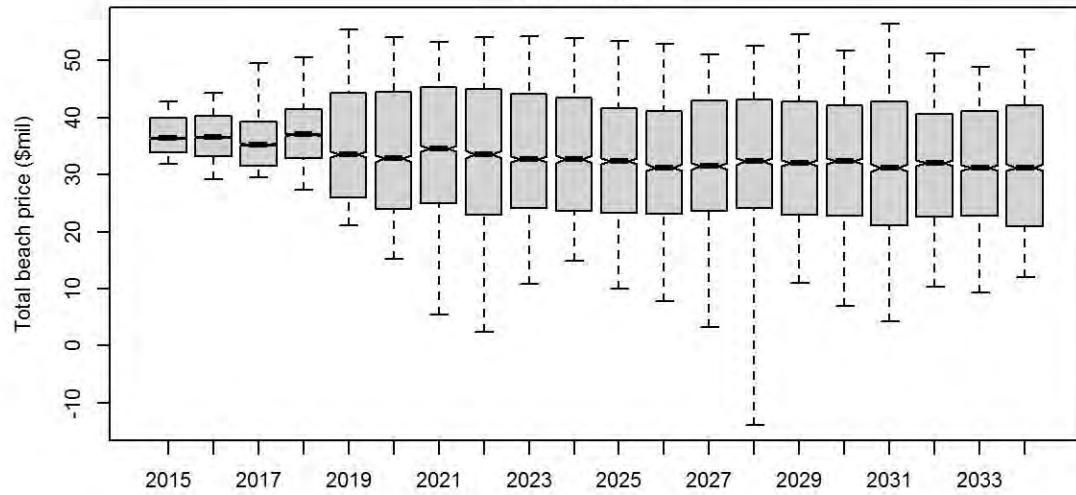
Catch.TVH



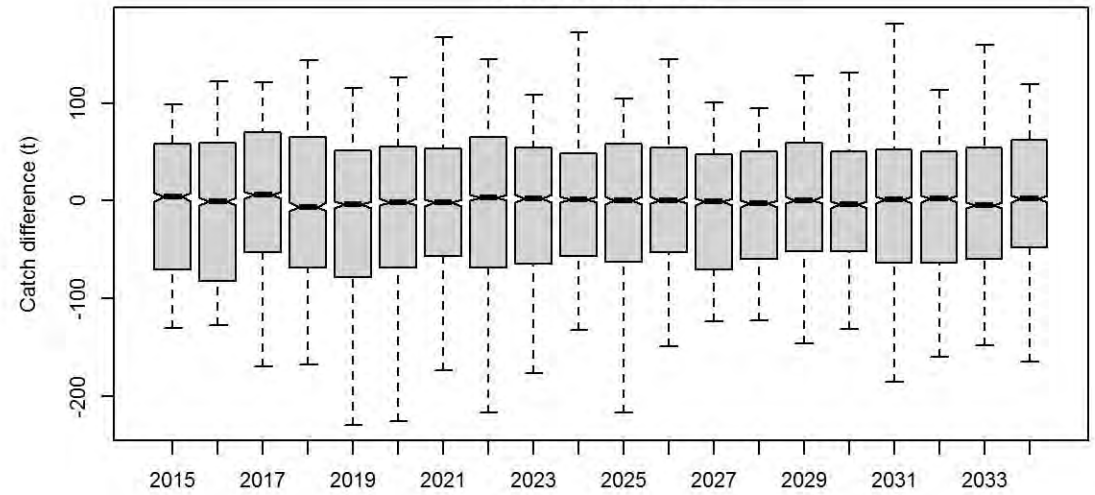
Catch.PNG



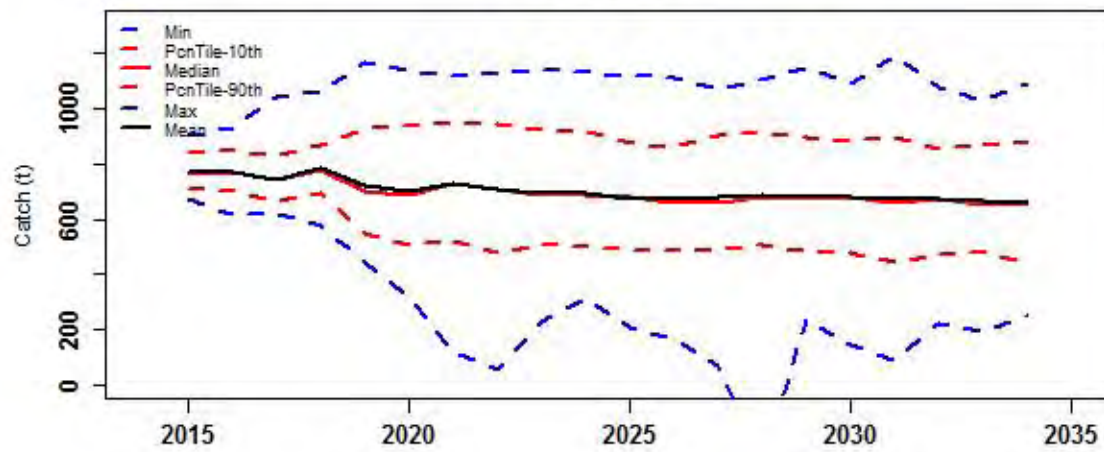
TotBeachPrice



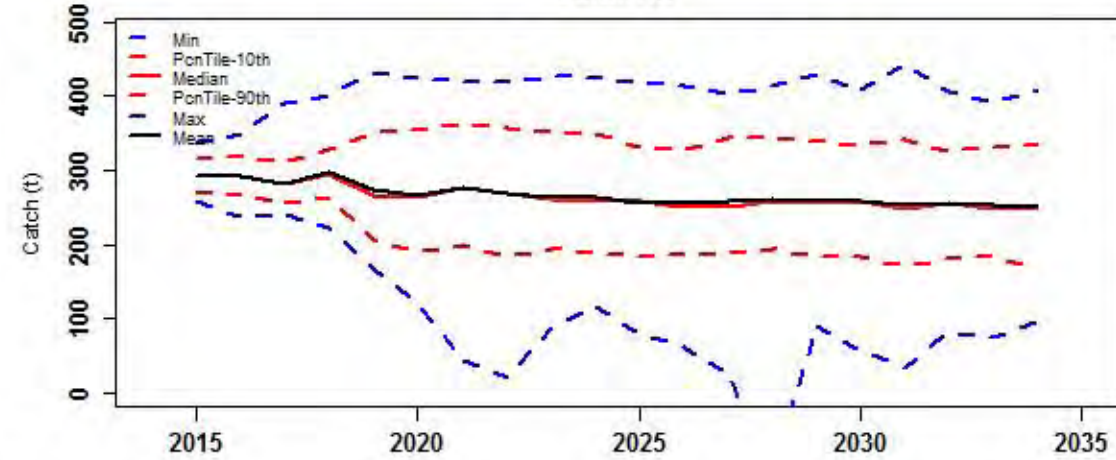
Diff.TAC.actlCatch



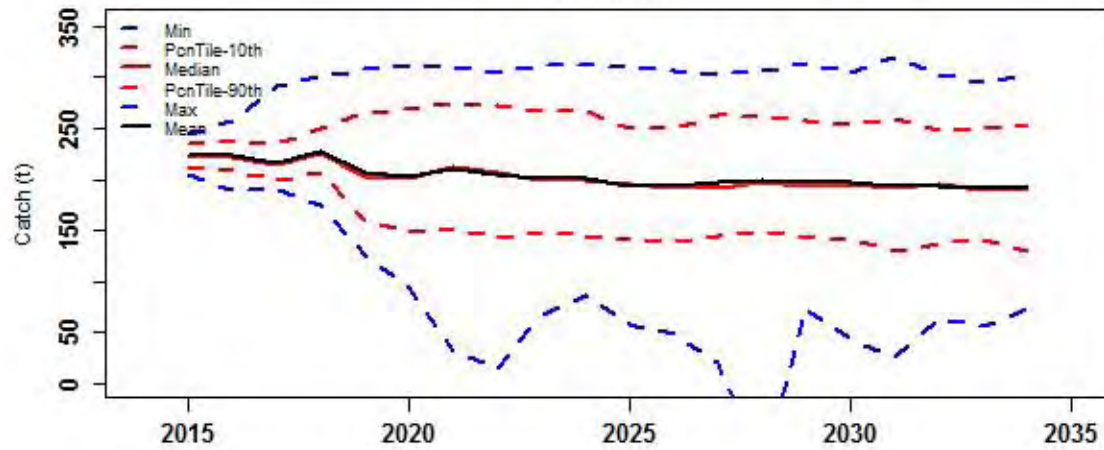
Catch.all



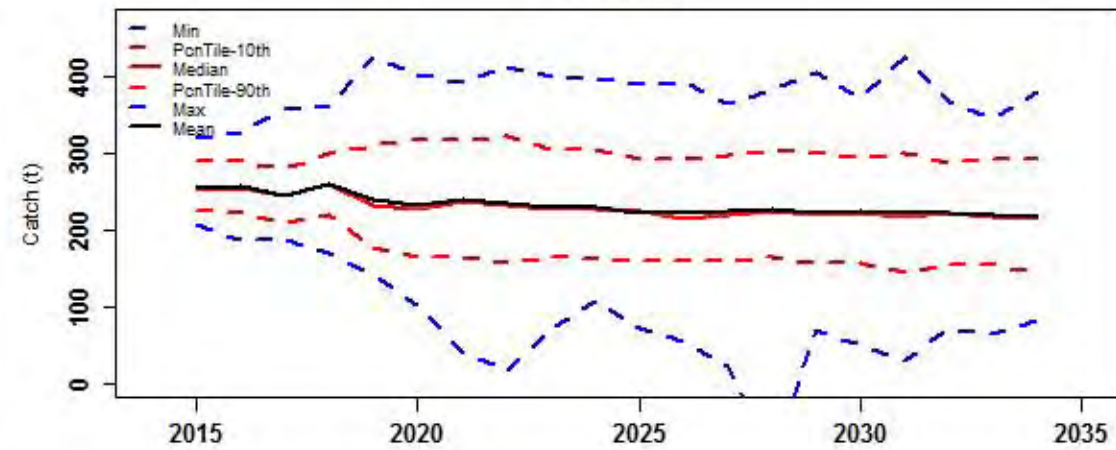
Catch.TIB



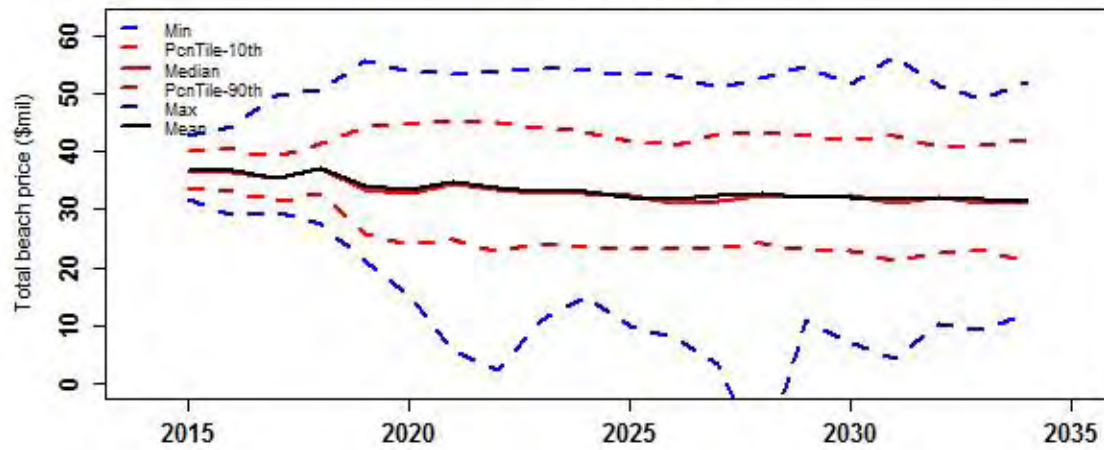
Catch.TVH



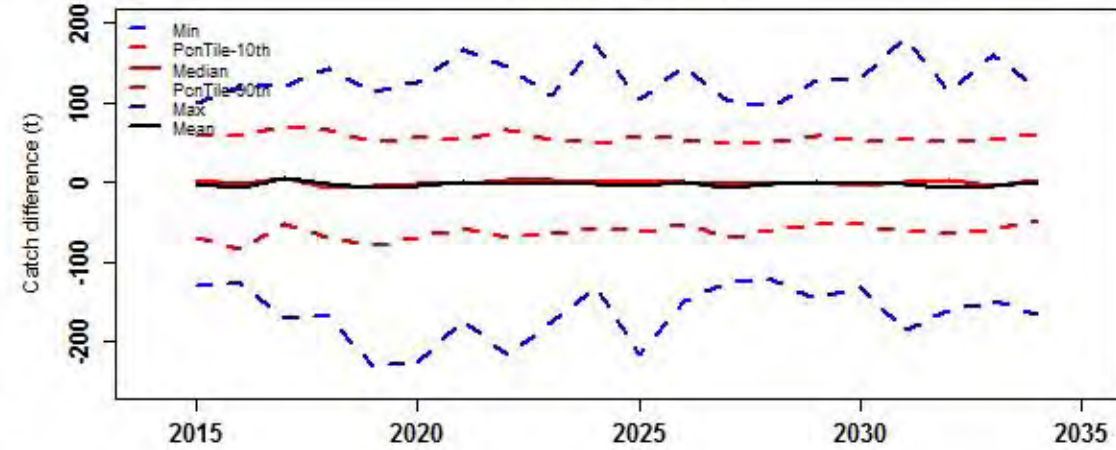
Catch.PNG



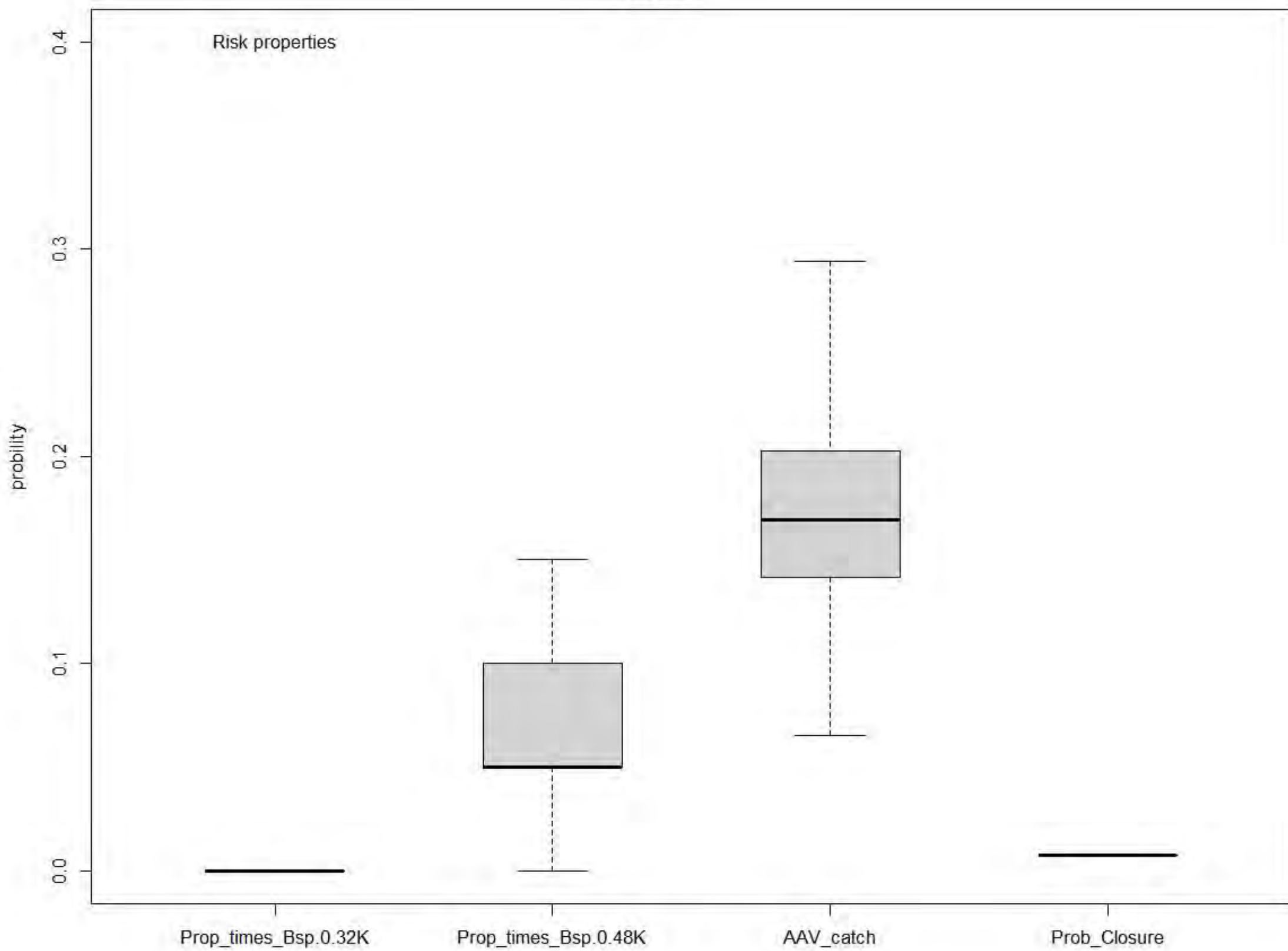
TotBeachPrice



Diff.TAC.actlCatch

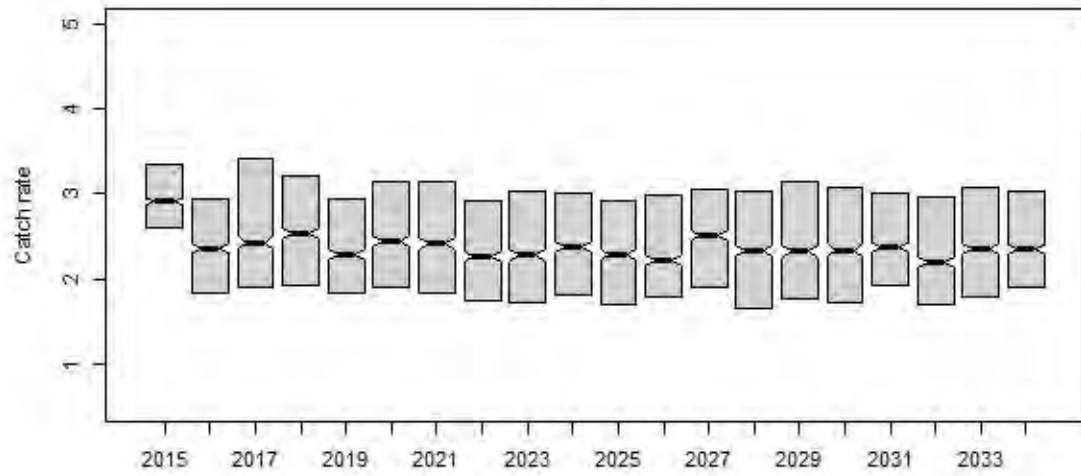


Risk properties

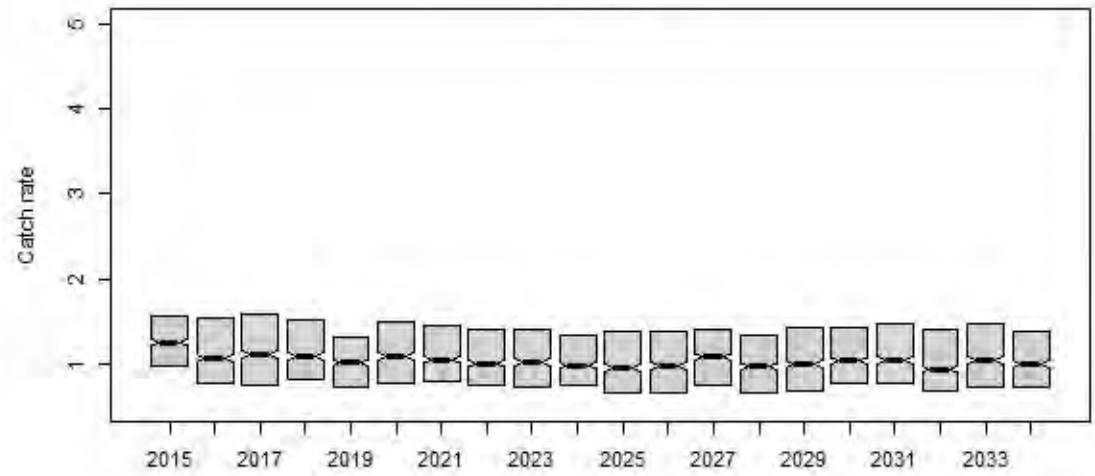


rHCR4

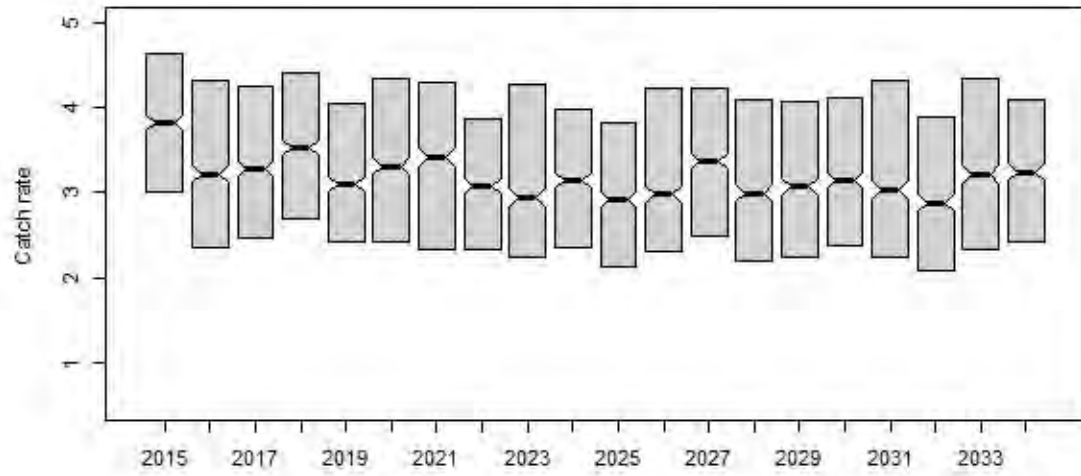
Preseas1



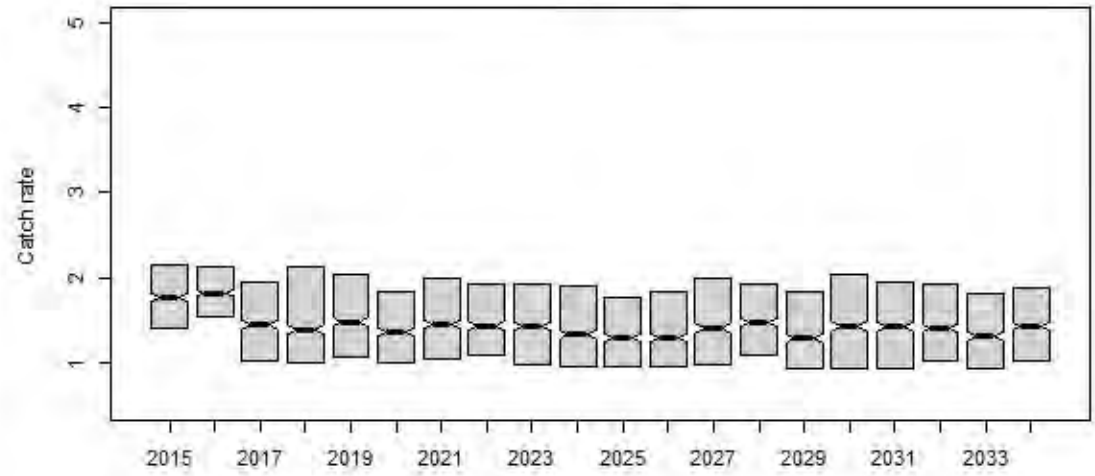
Preseas0



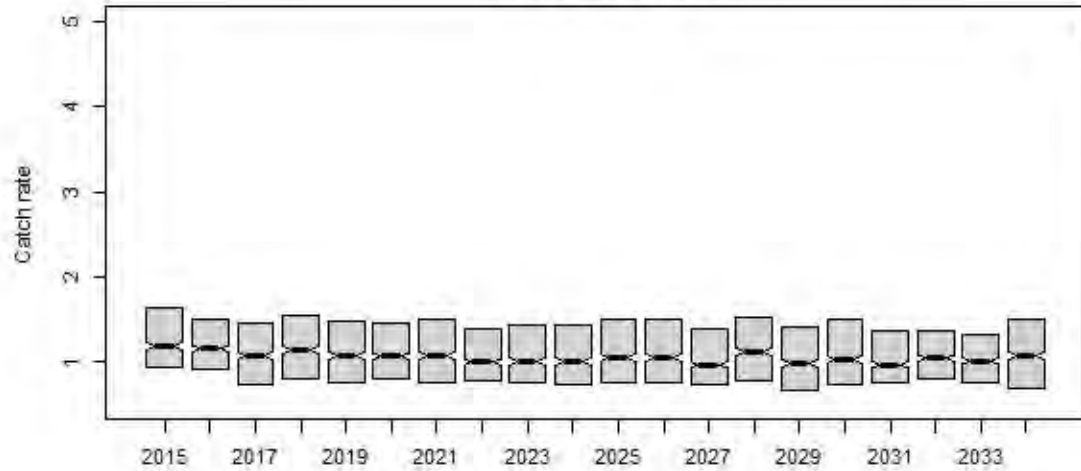
Midsurv1



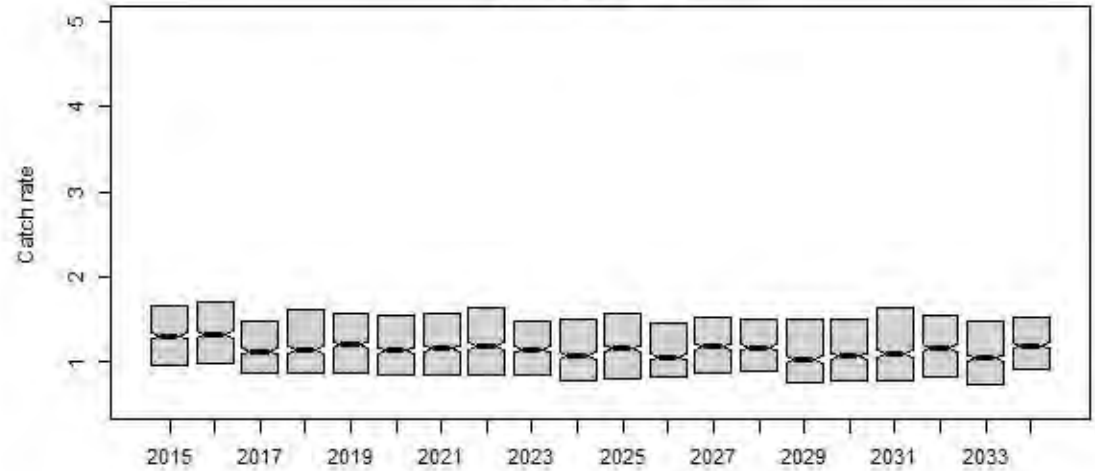
Midsurv2



Future_CPUE_TVH

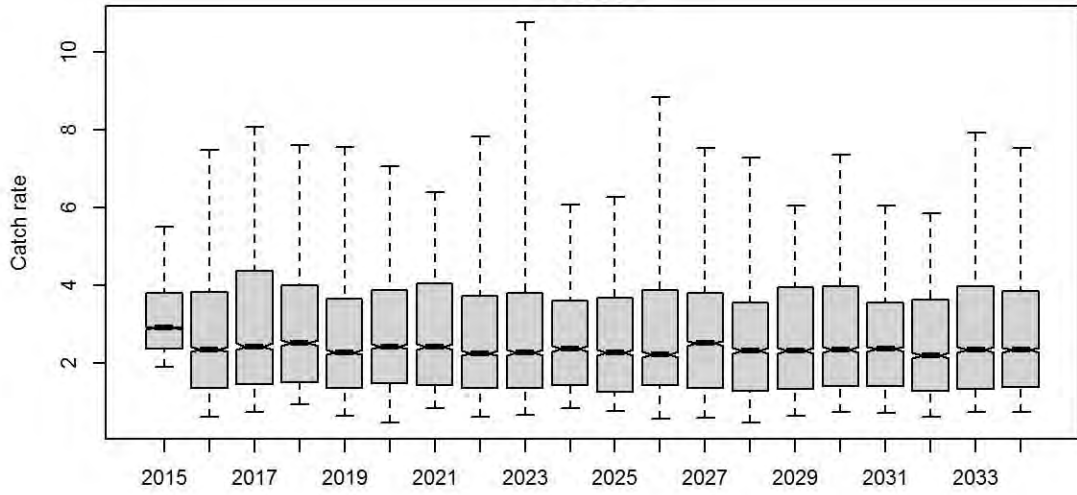


Future_CPUE_TIB

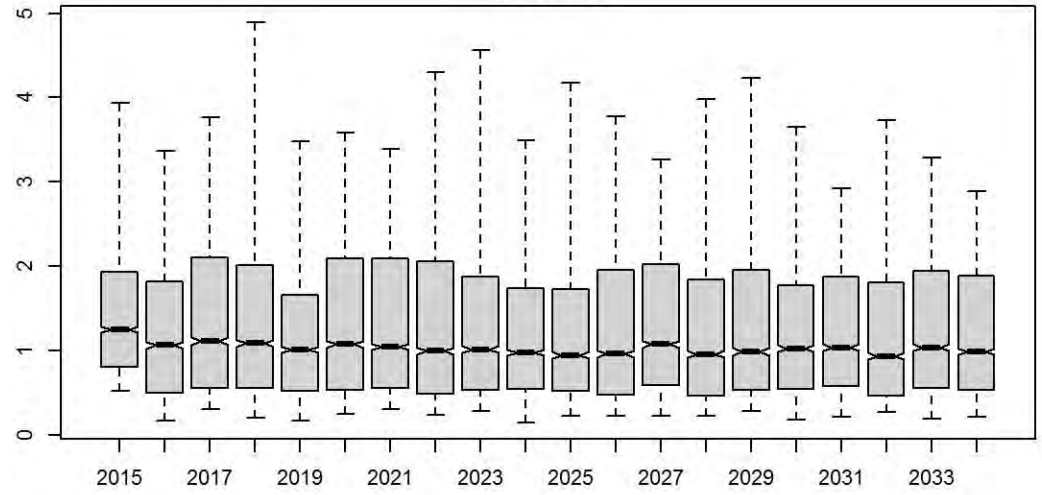


rHCR4

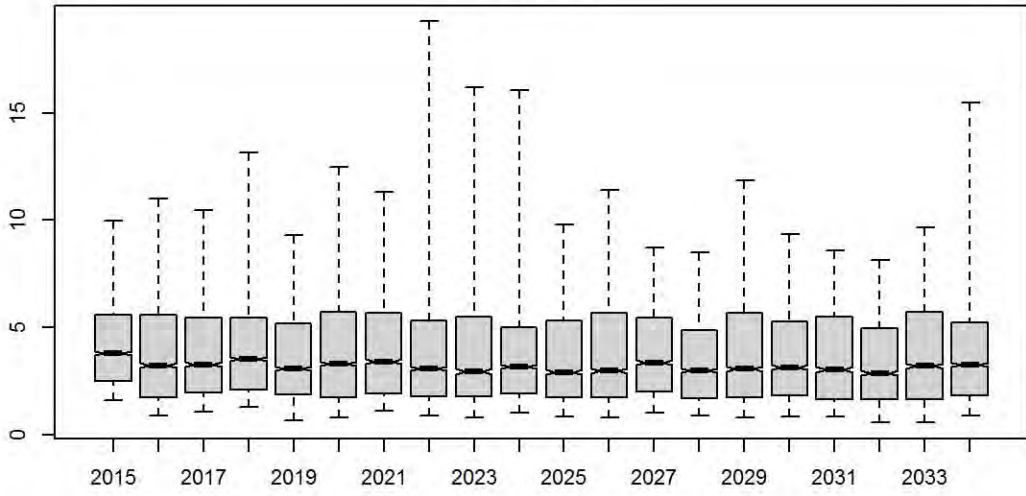
Preseas1



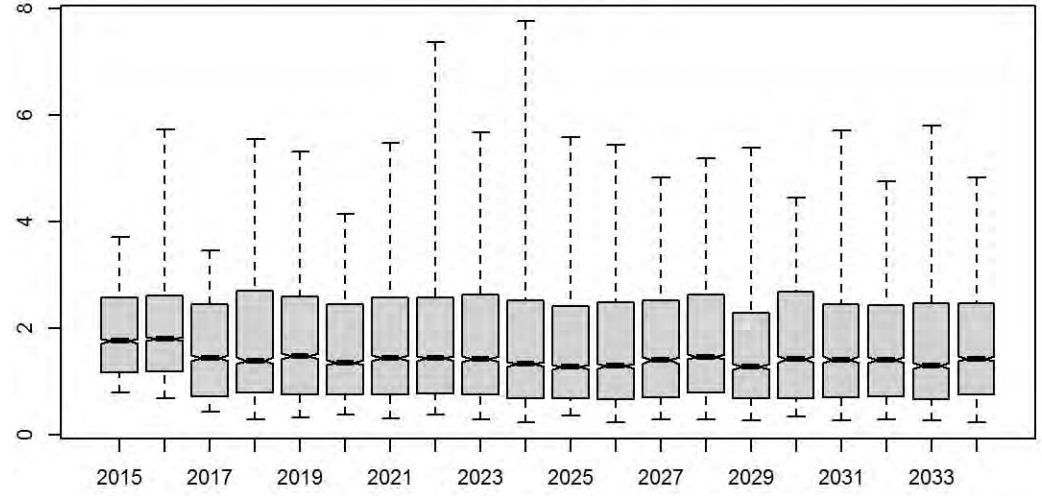
Preseas0



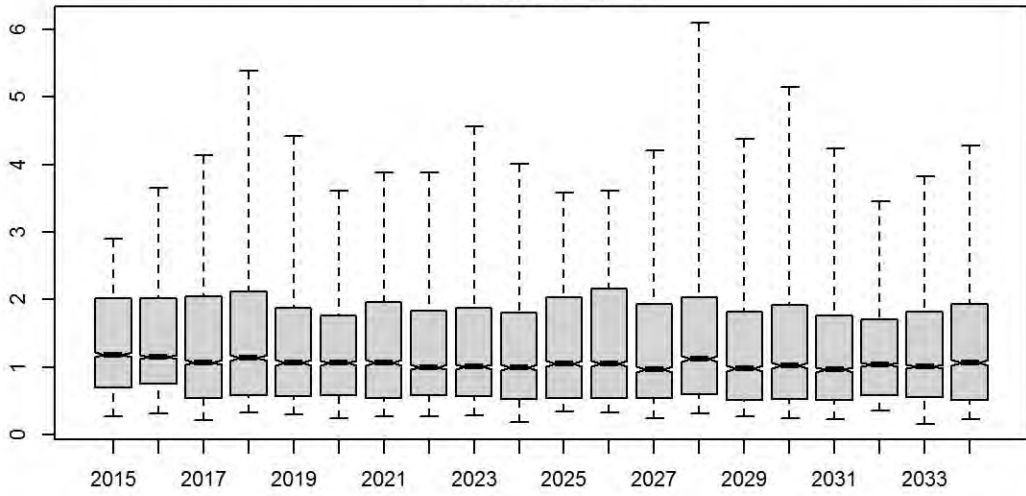
Midsurv1



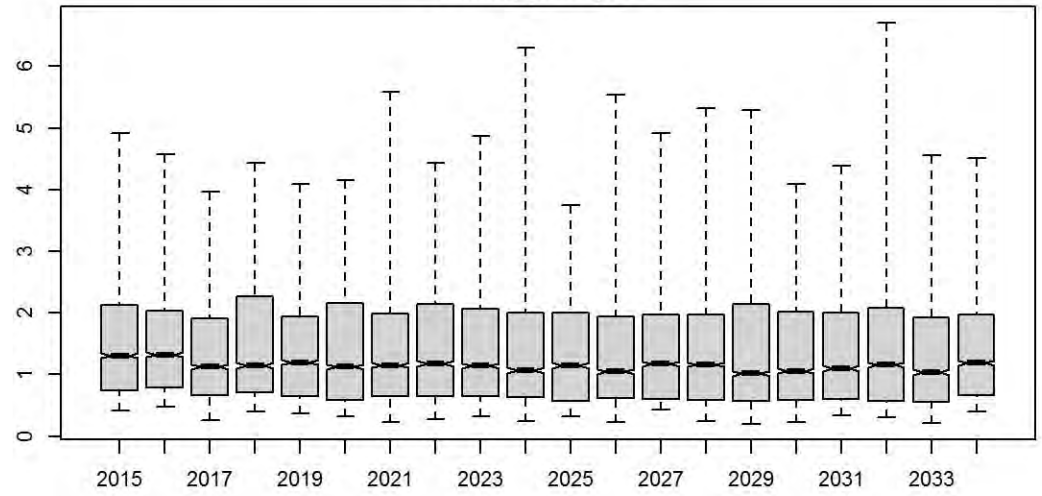
Midsurv2



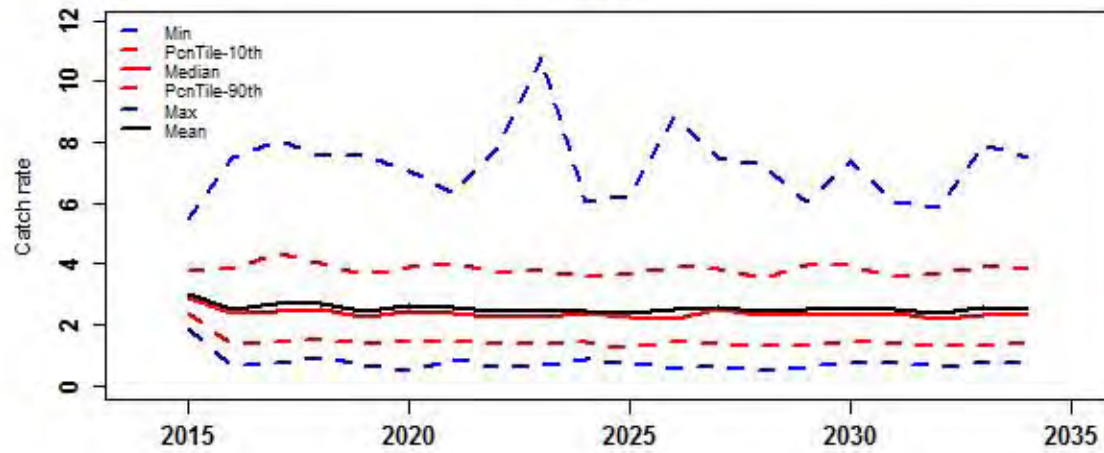
Future_CPUE_TVH



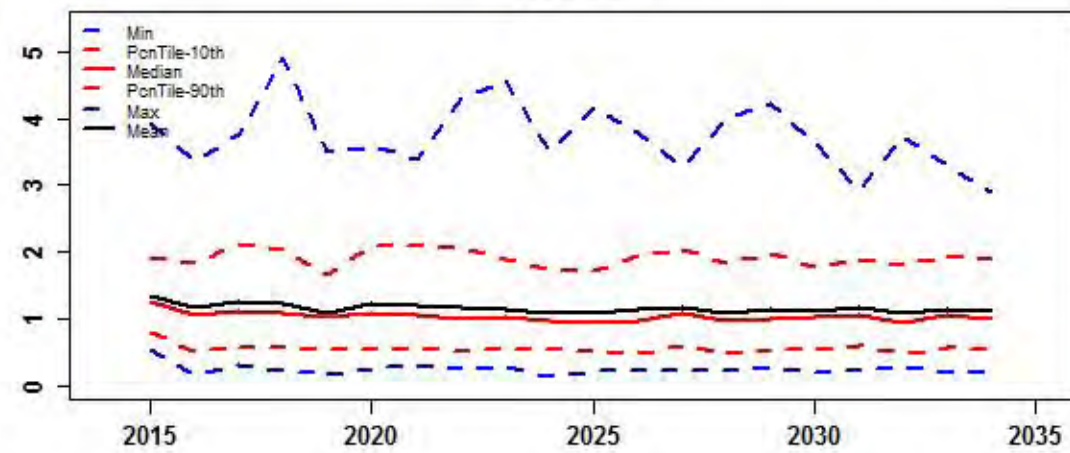
Future_CPUE_TIB



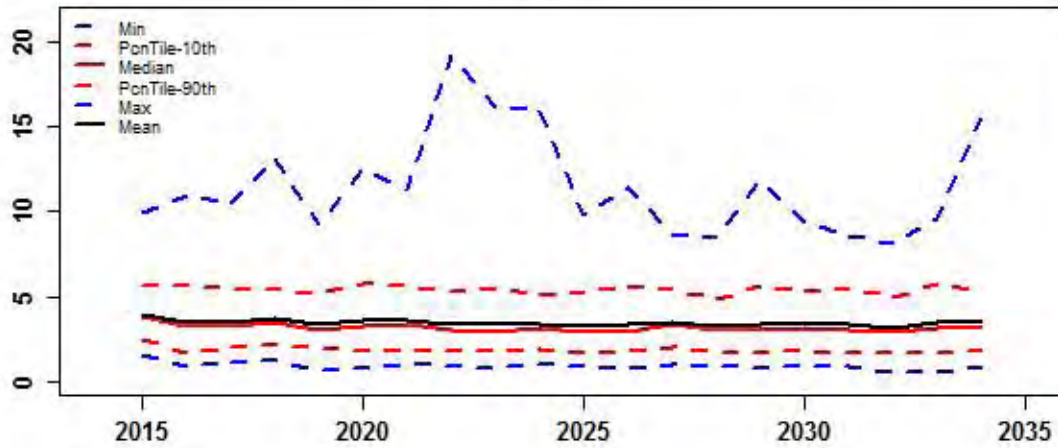
Preseas1



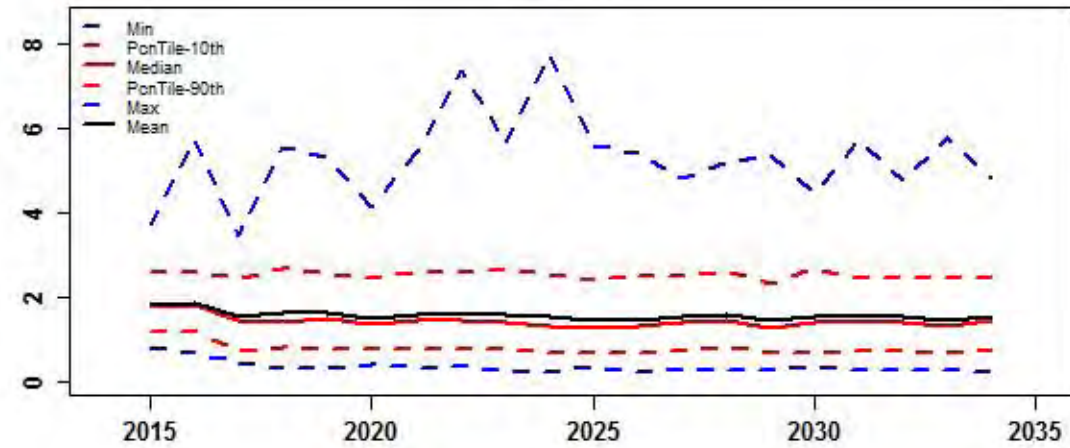
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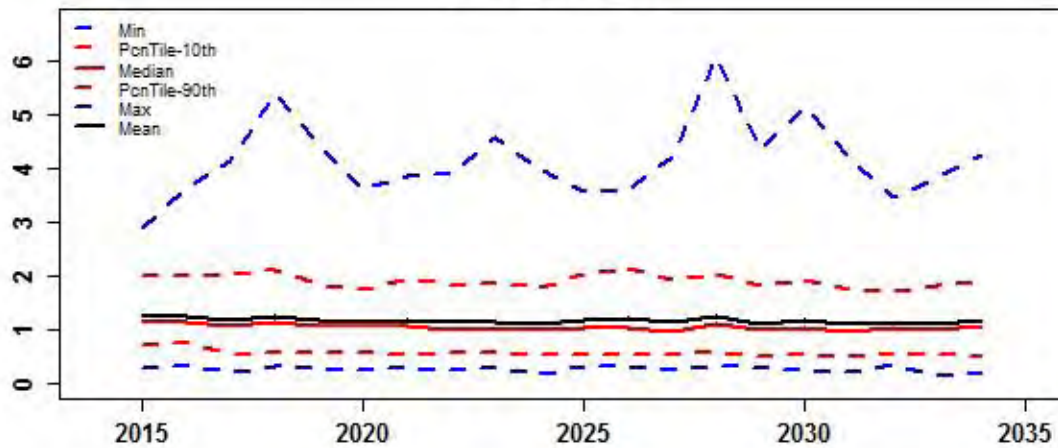
Midsurv1



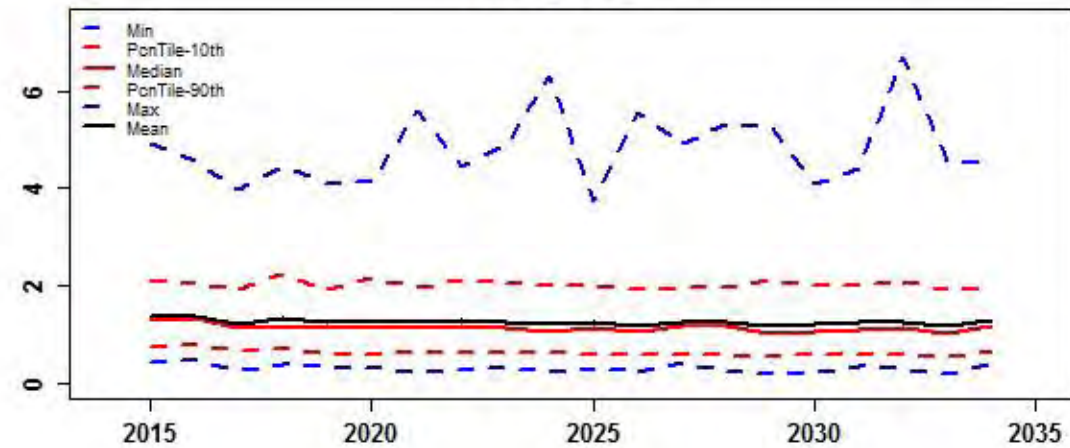
Midsurv2



Future_CPUE_TVH

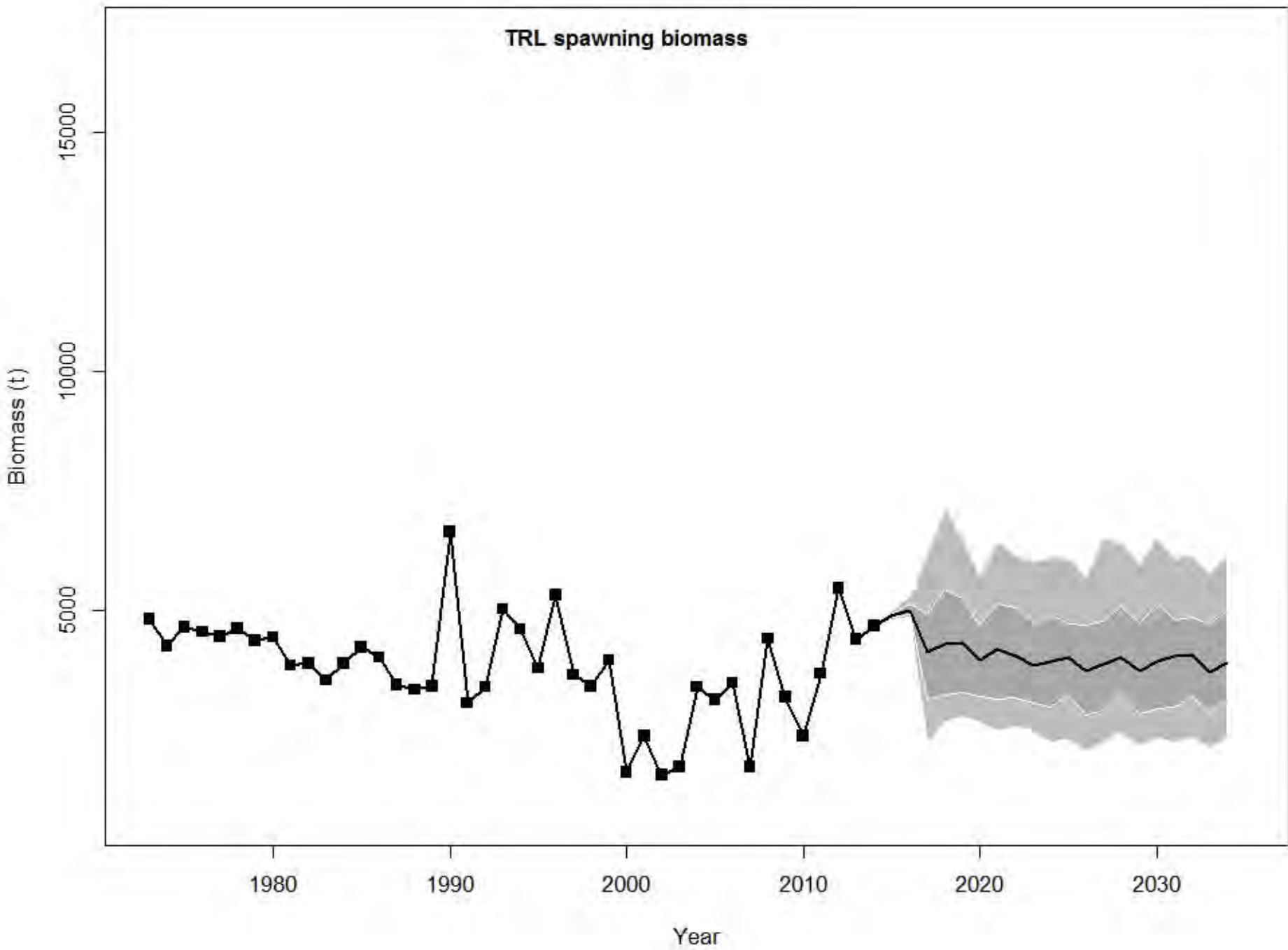


Future_CPUE_TIB

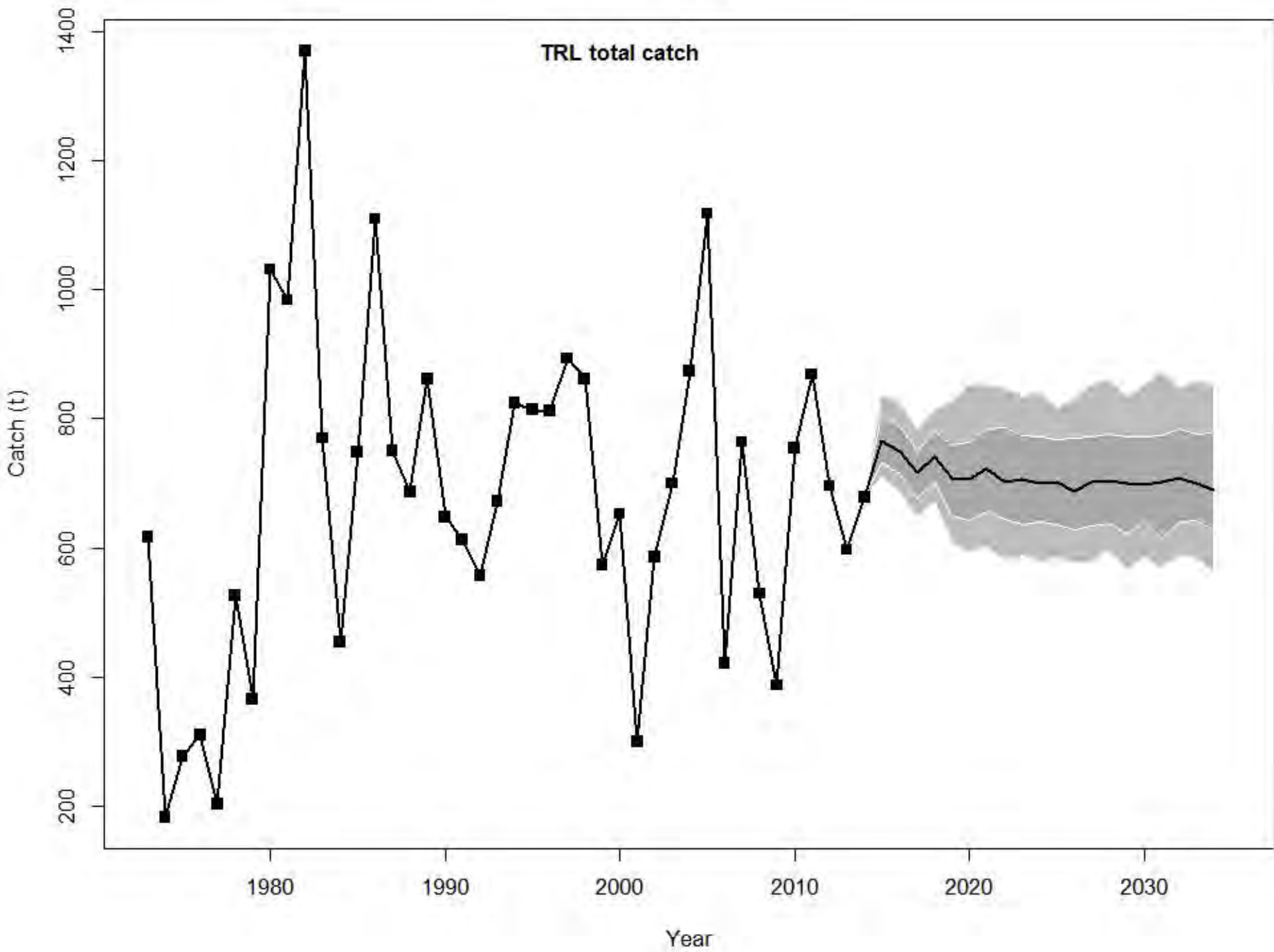


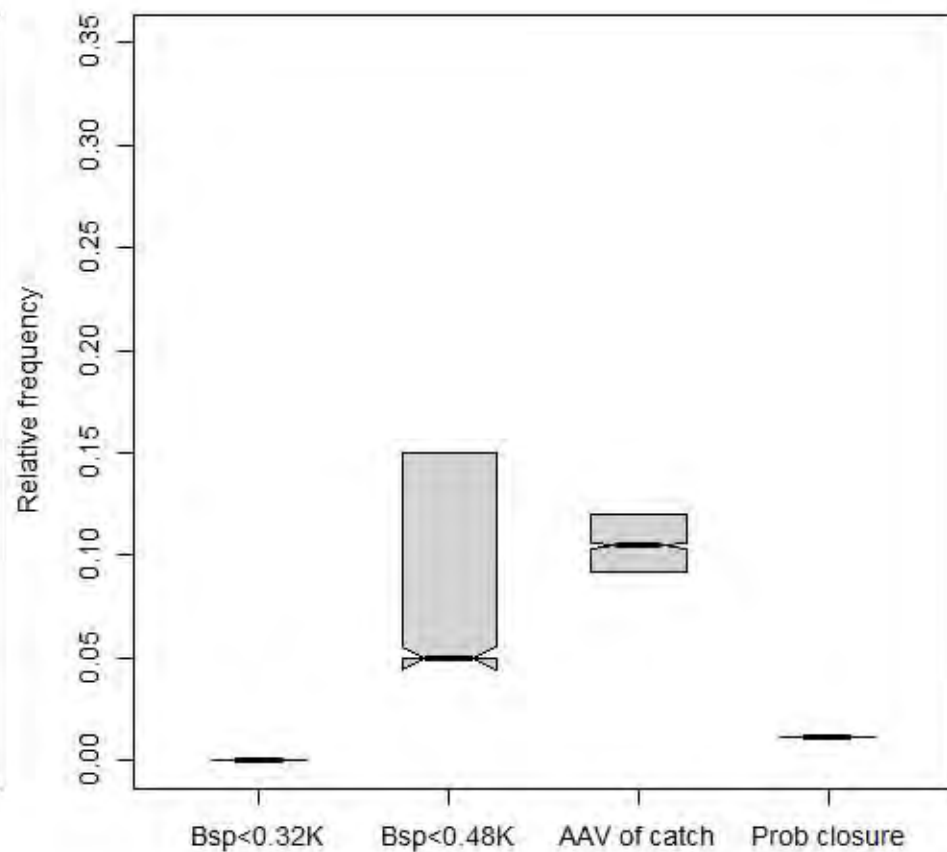
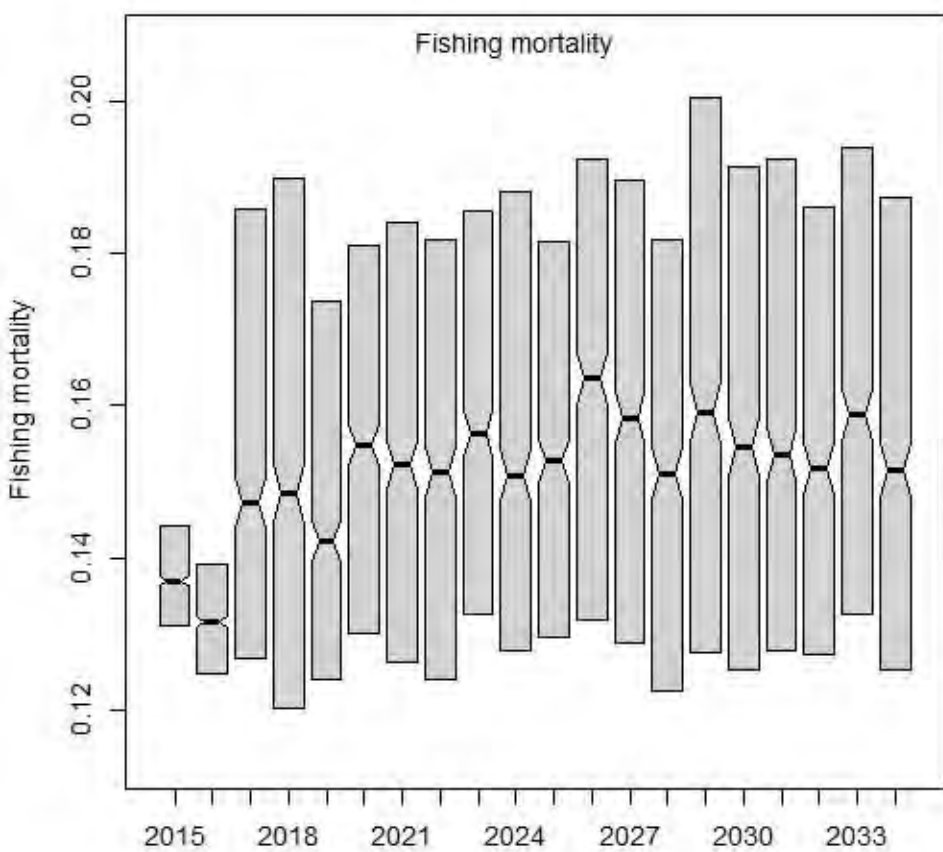
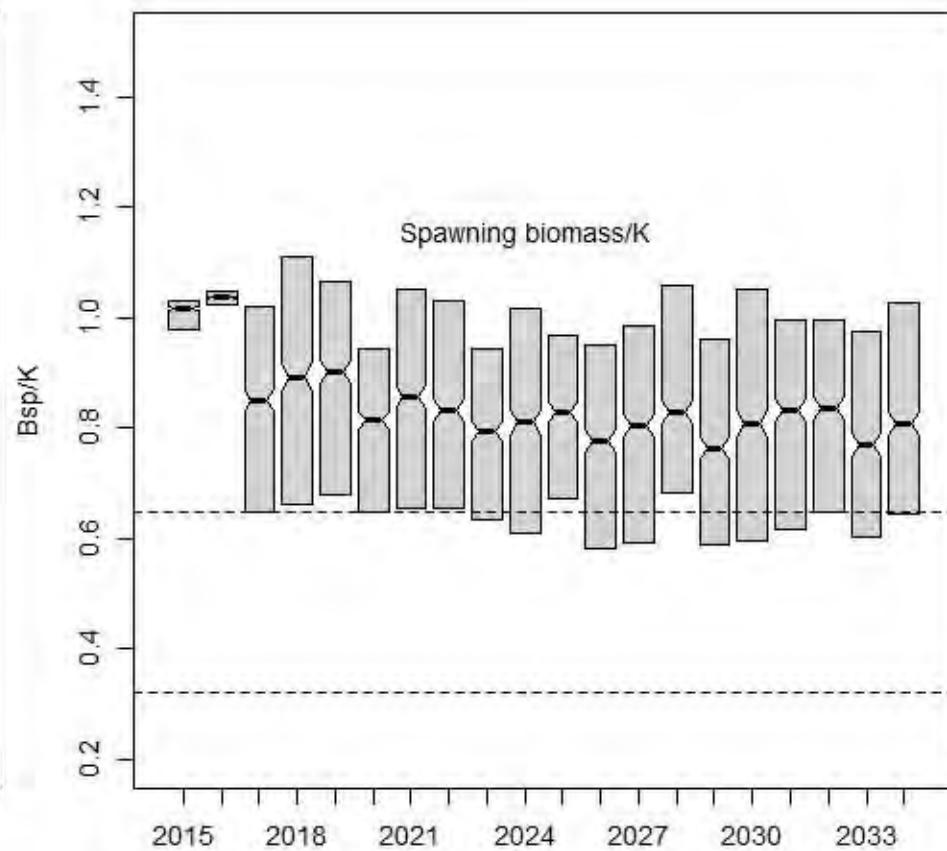
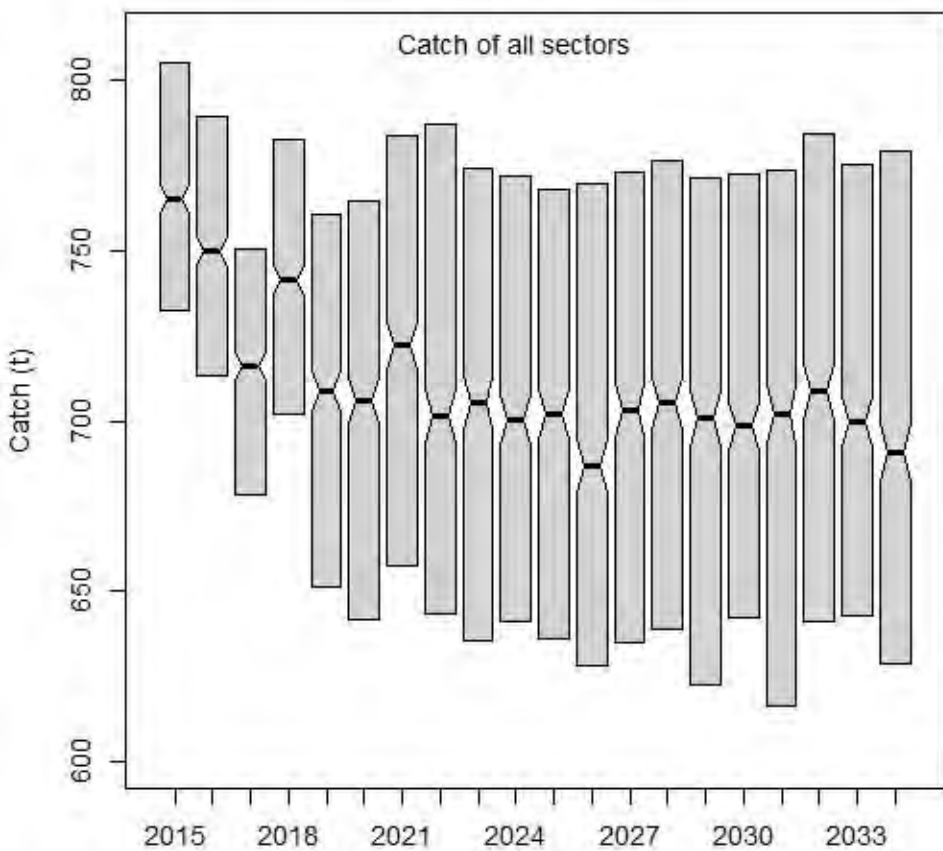
**HARVEST
CONTROL
RULE
SCENARIO 5**

rHCR5

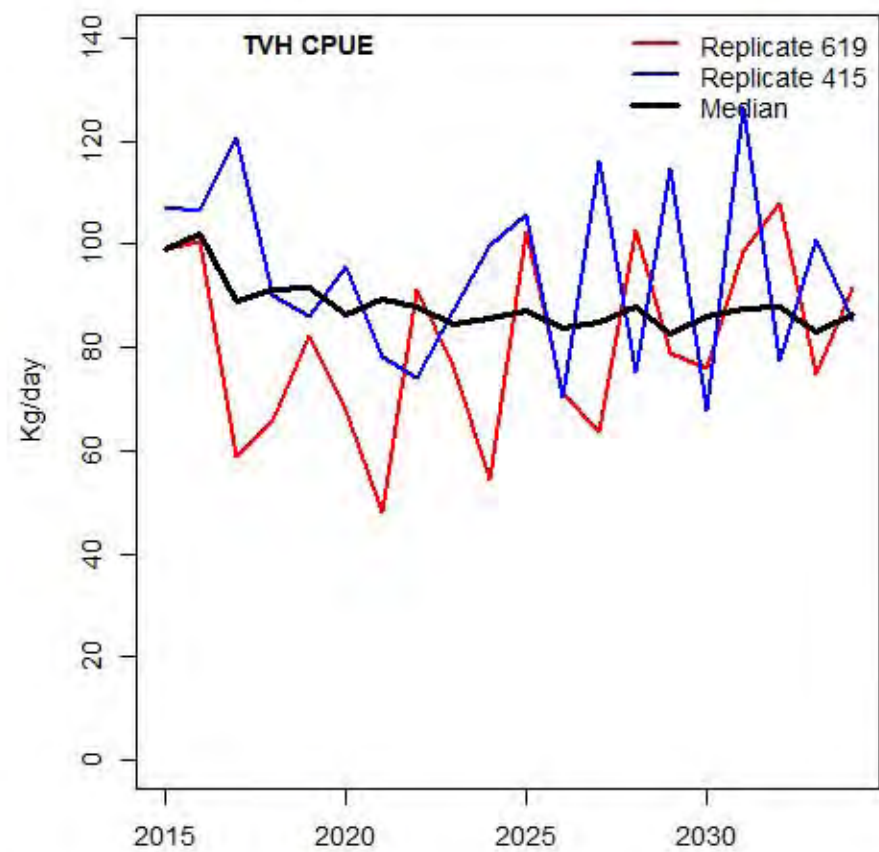
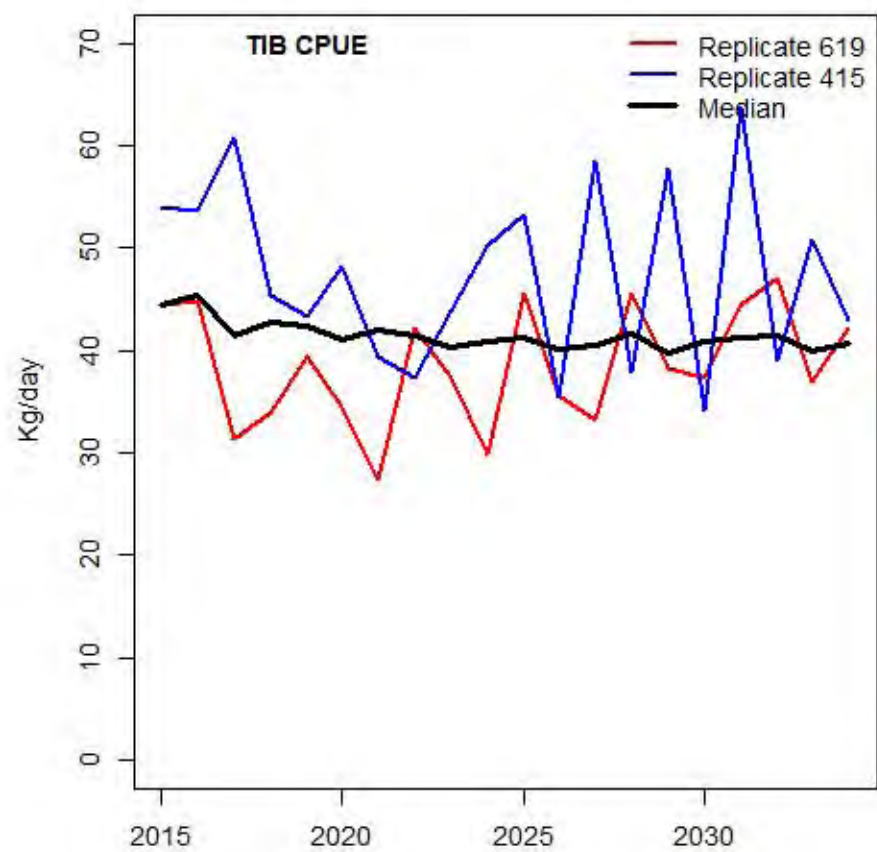
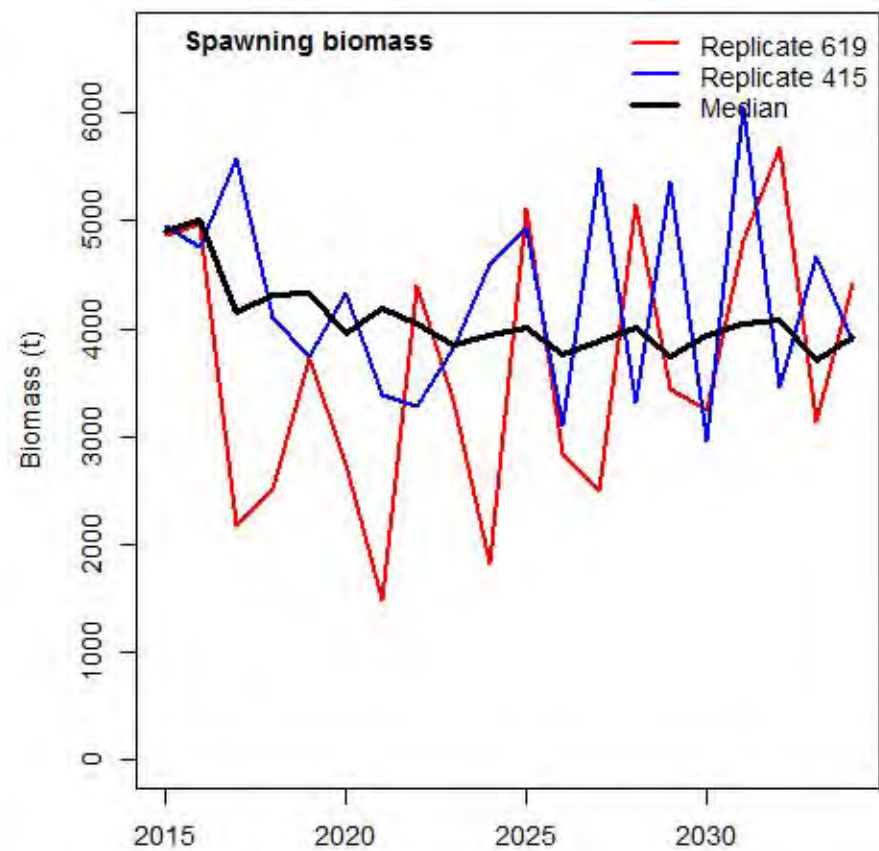
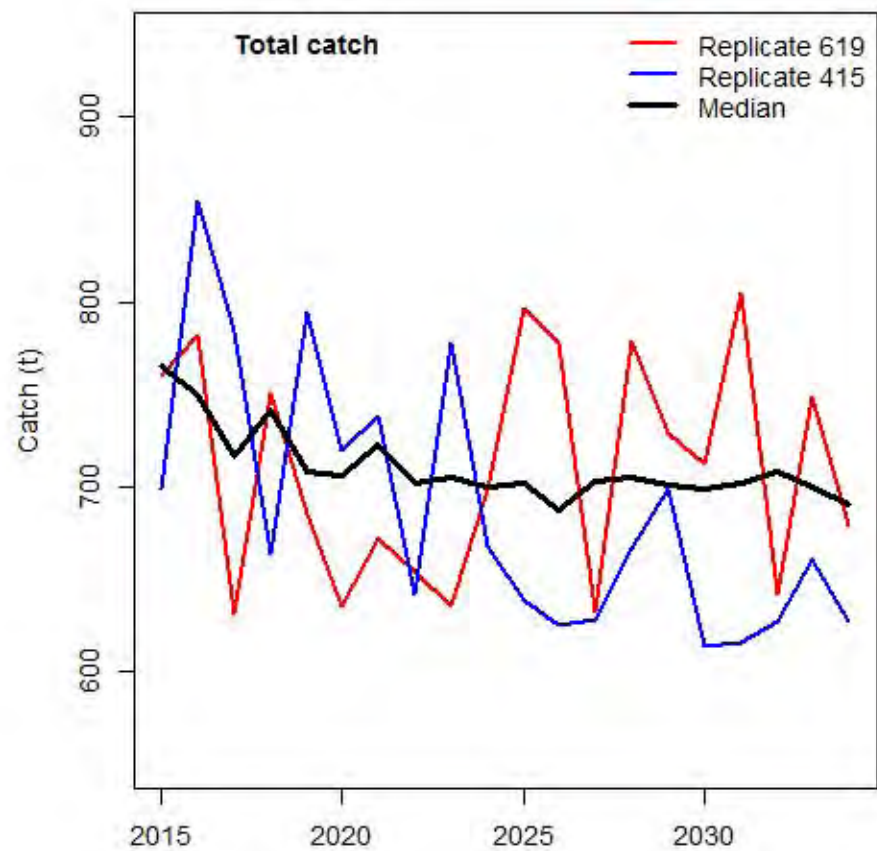


rHCR5

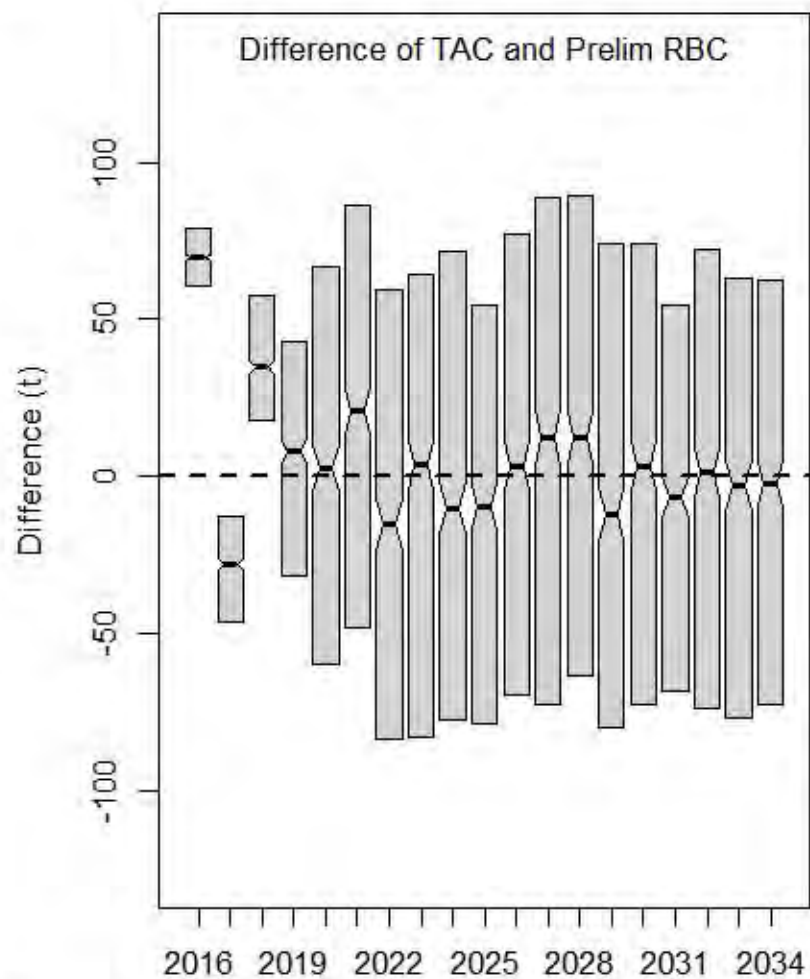
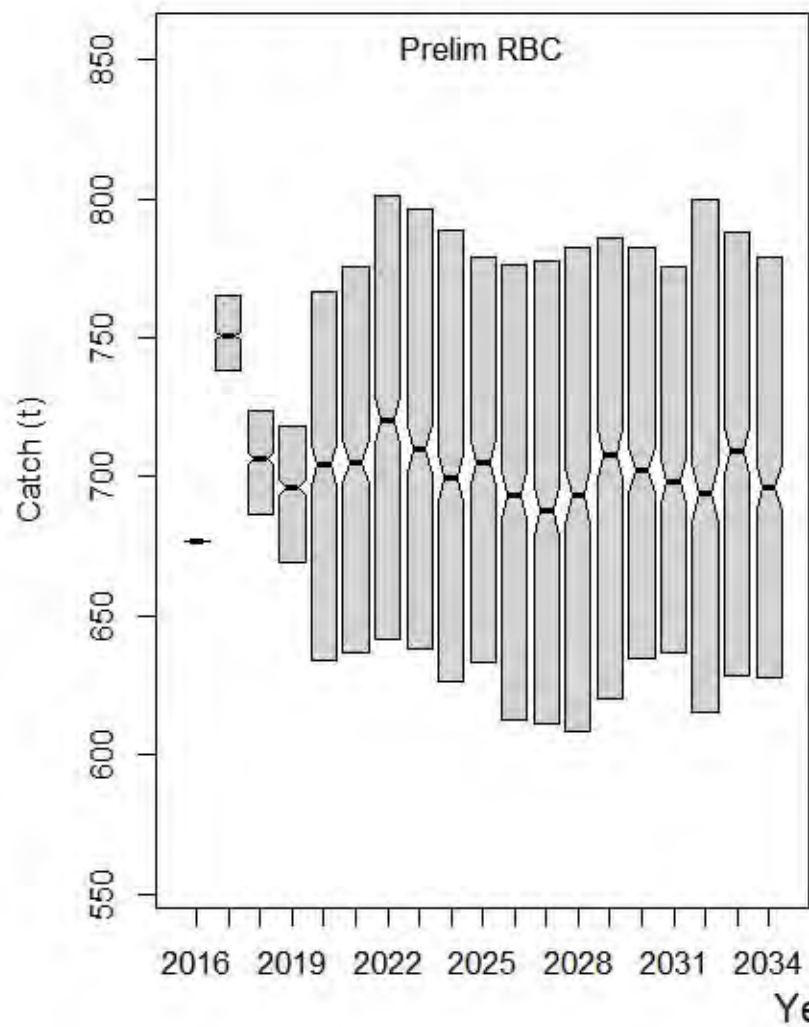




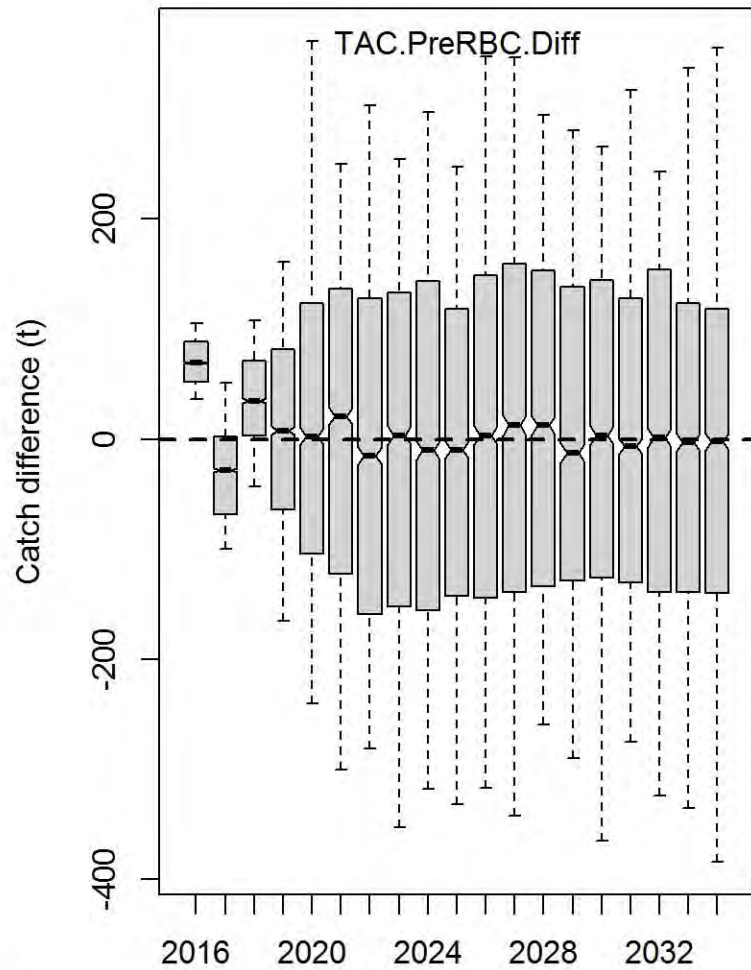
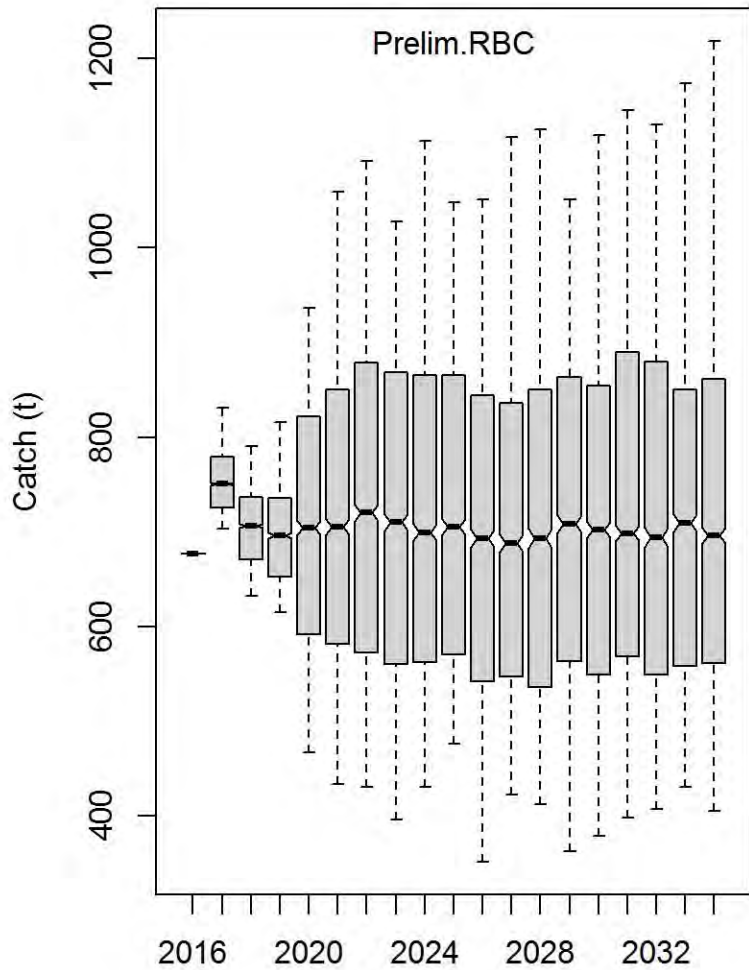
rHCR5



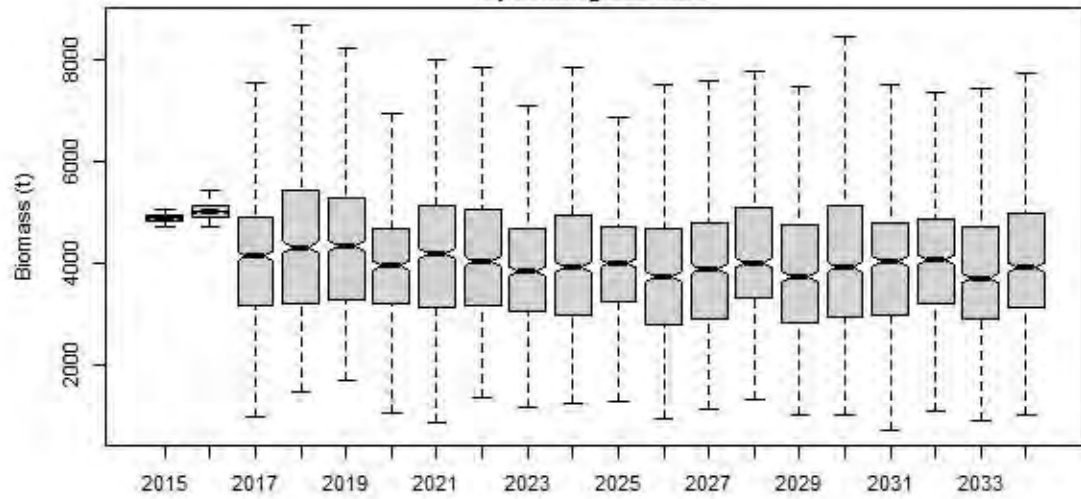
rHCR5



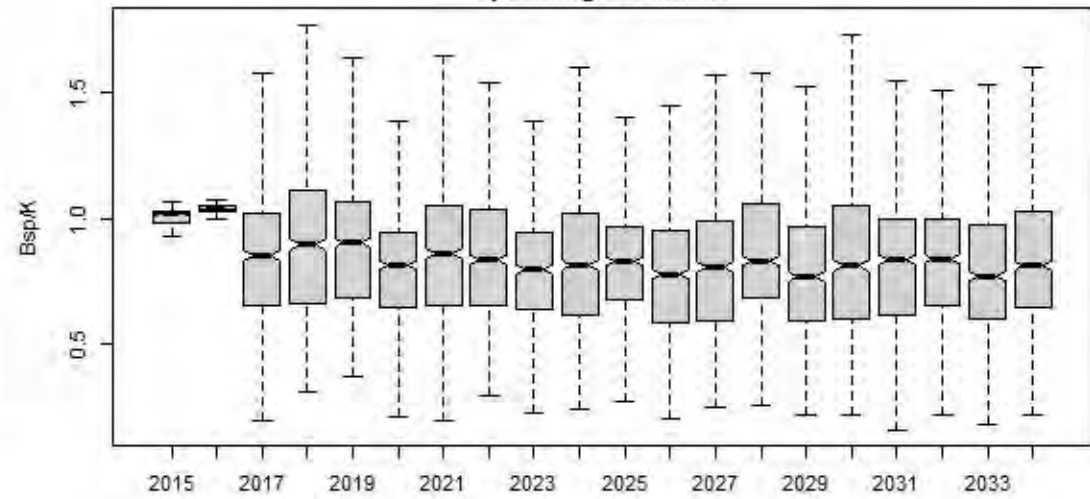
rHCR5



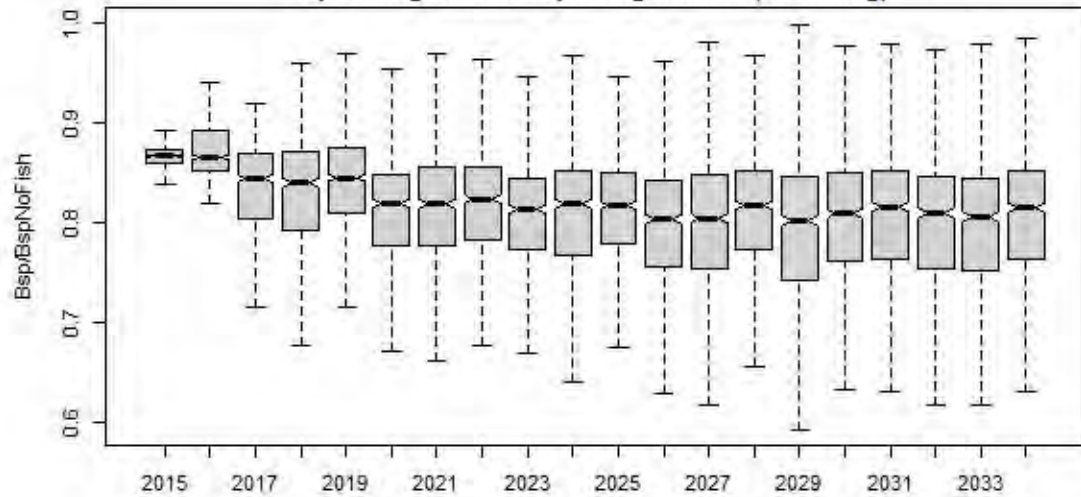
Spawning biomass



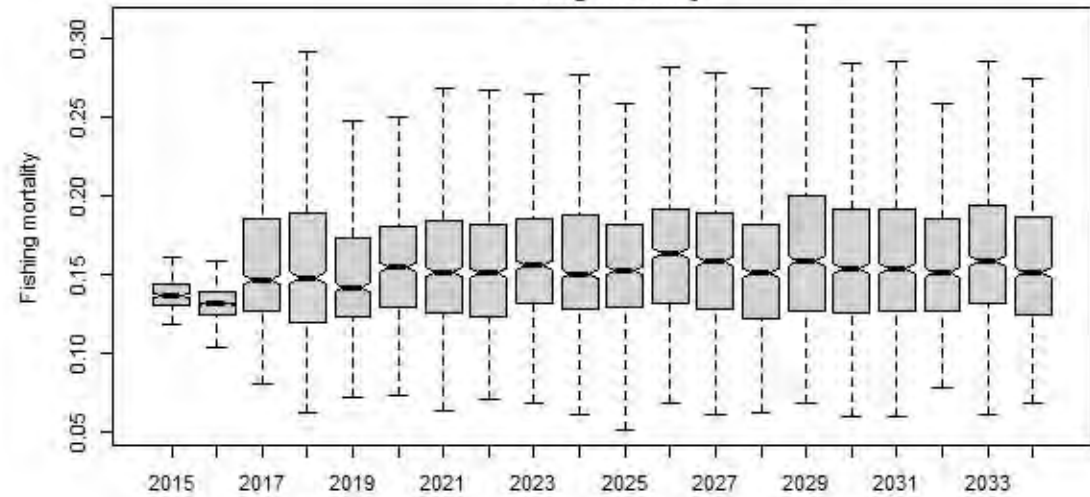
Spawning biomass/K



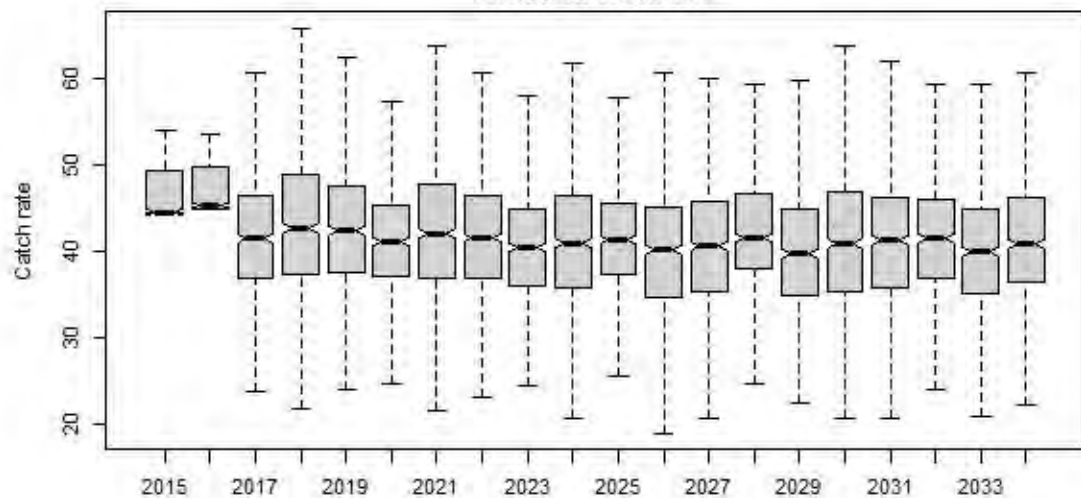
Spawning biomass/Spawning biomass(no fishing)



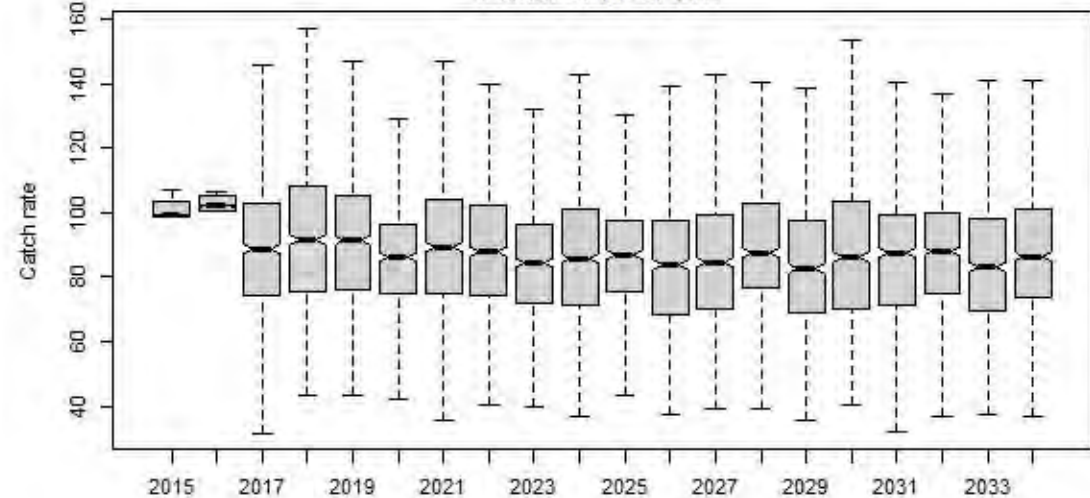
Fishing mortality



Actual CPUE of TIB

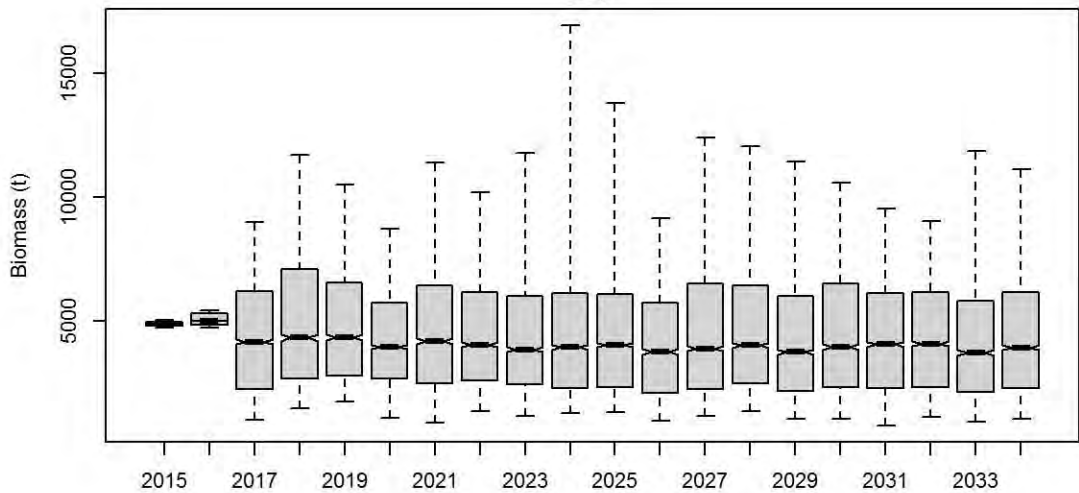


Actual CPUE of TVH

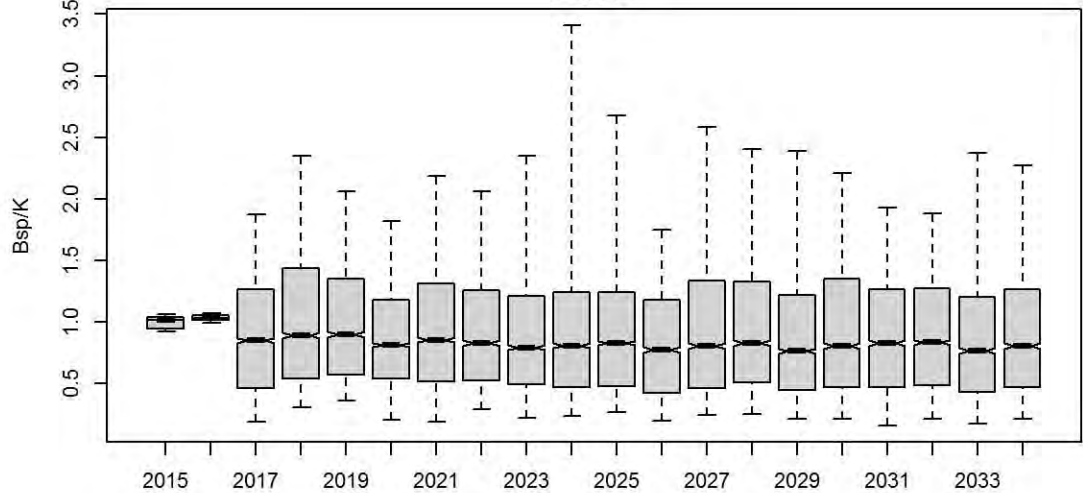


rHCR5

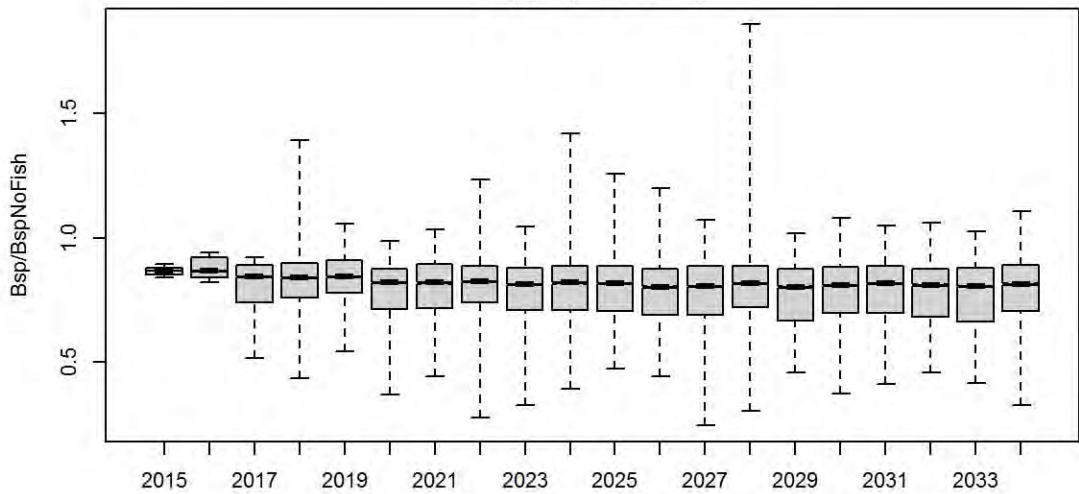
Bsp



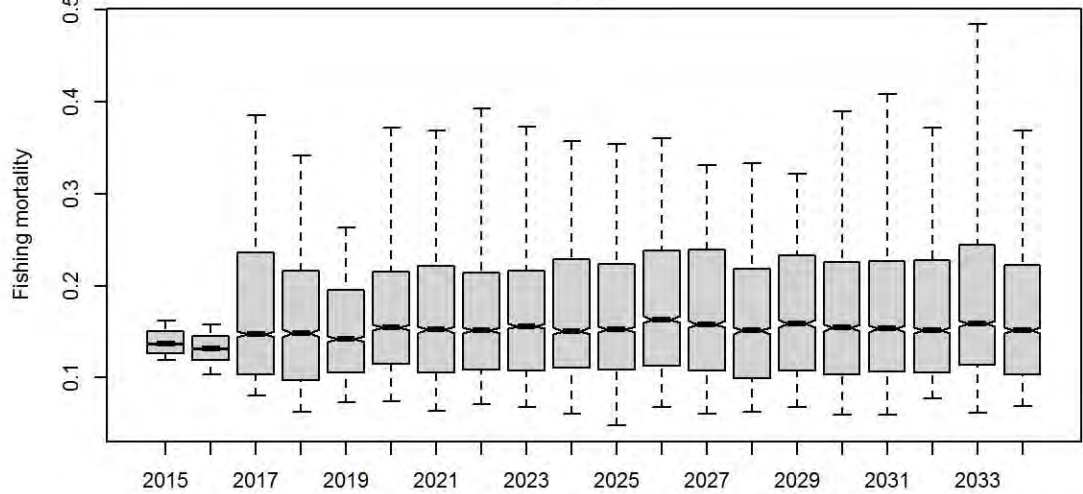
Bsp_K



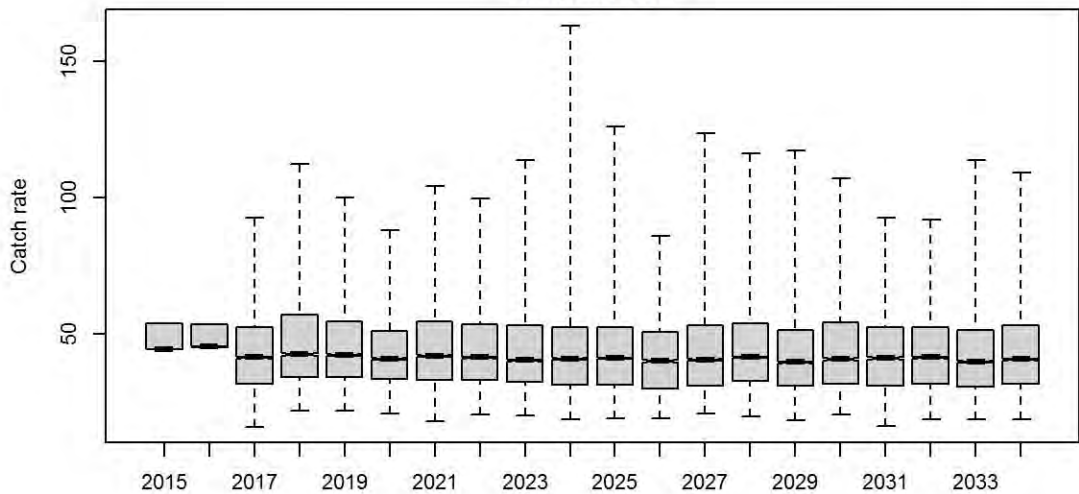
Bsp_BspNoFishing



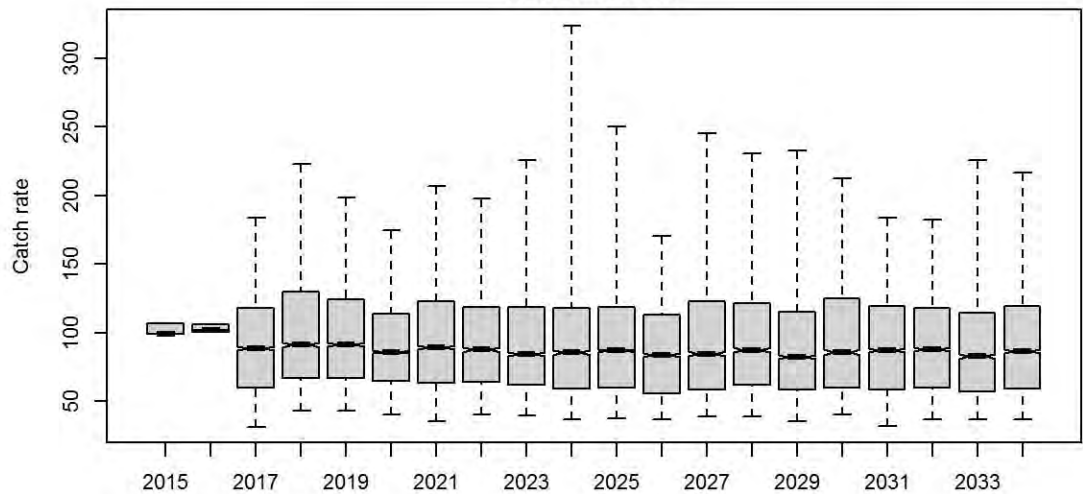
F.mal



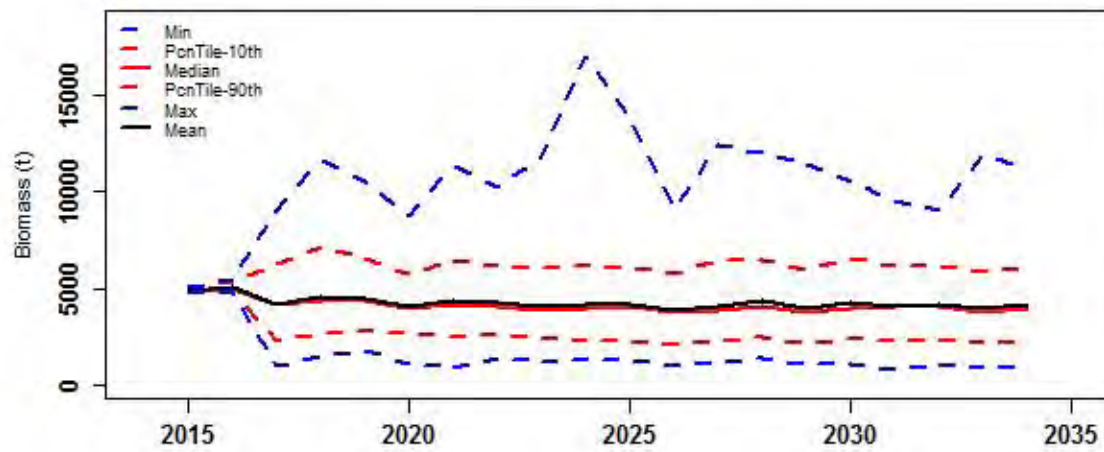
ActICPUE.TIB



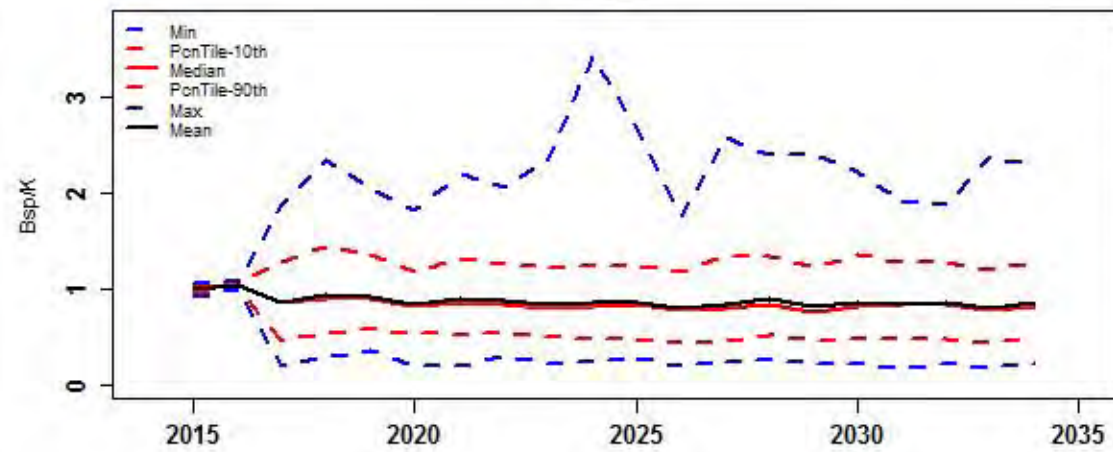
ActICPUE.TVH



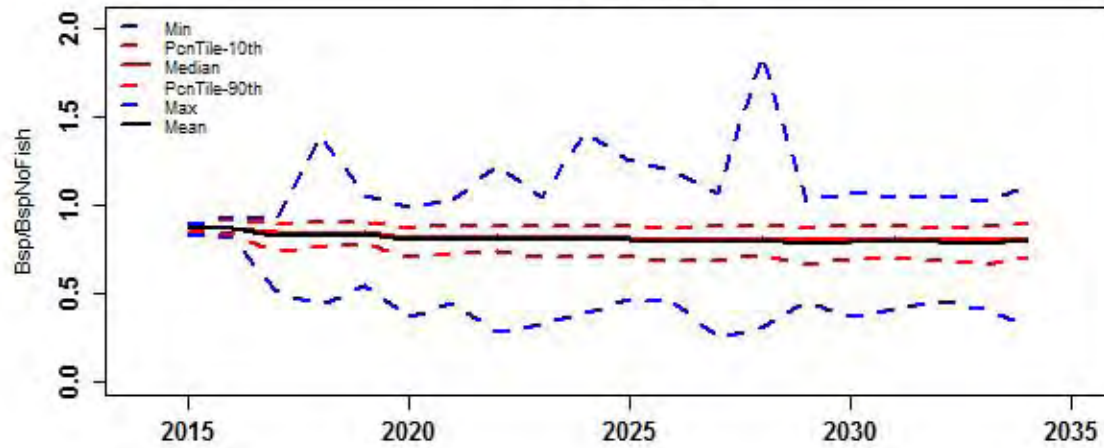
Bsp



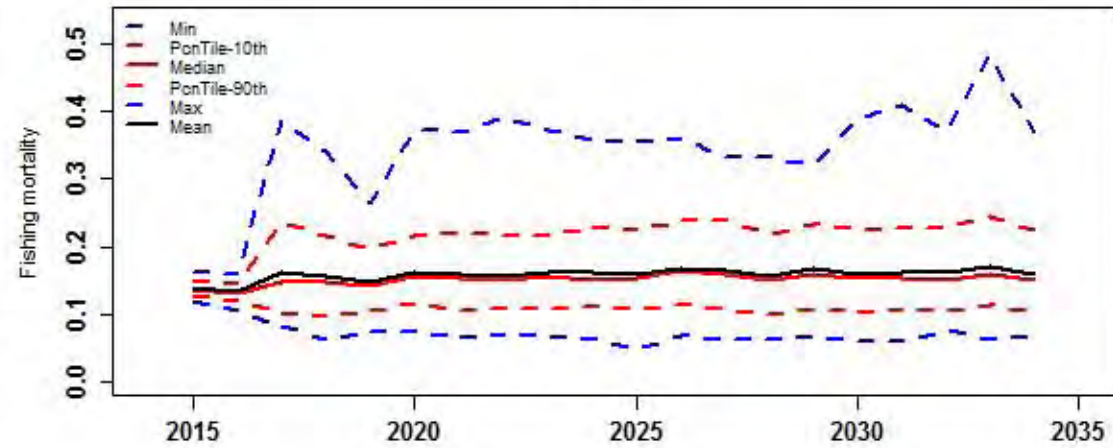
Bsp_K



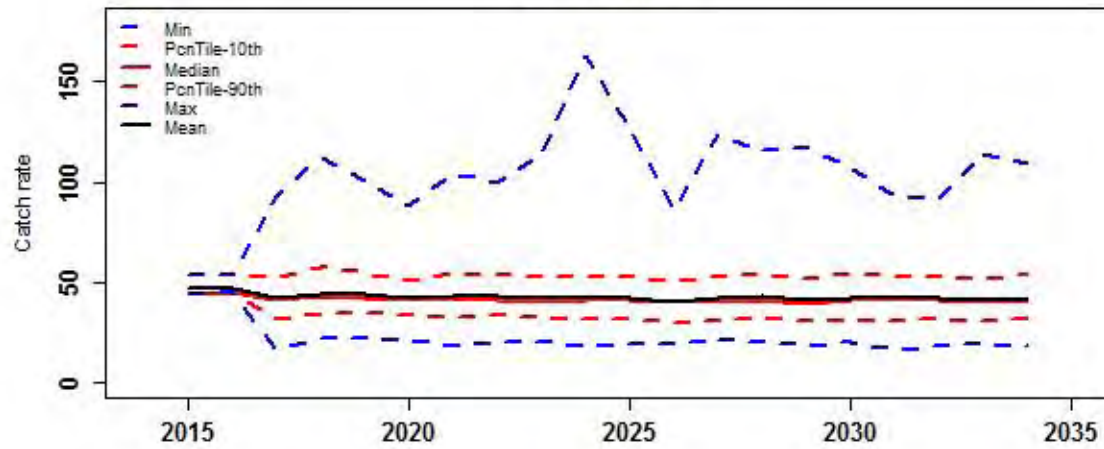
Bsp_BspNoFishing



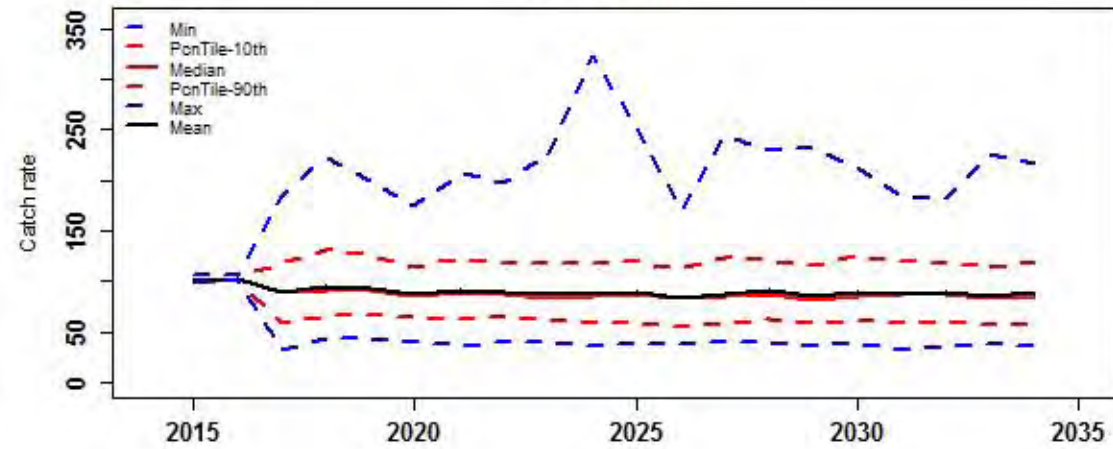
F.mal



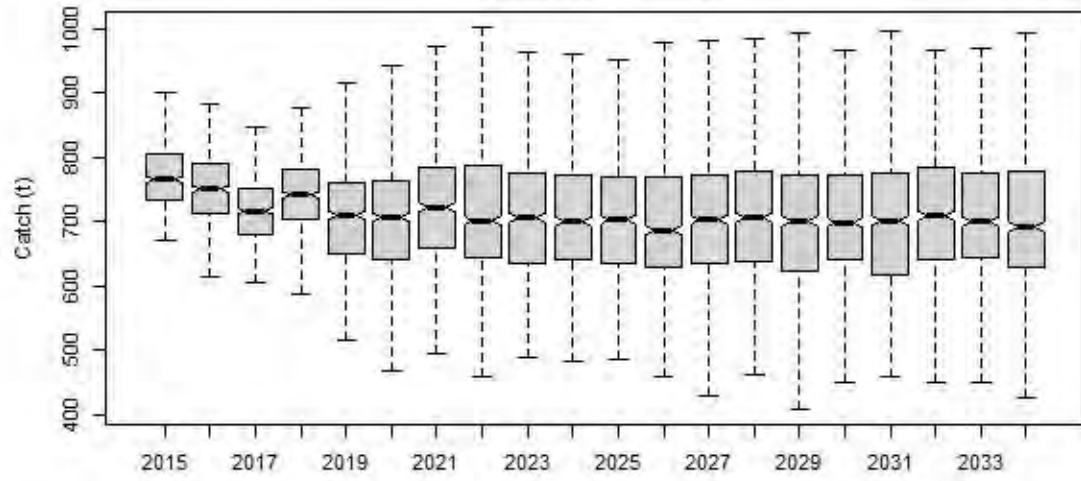
ActlCPUE.TIB



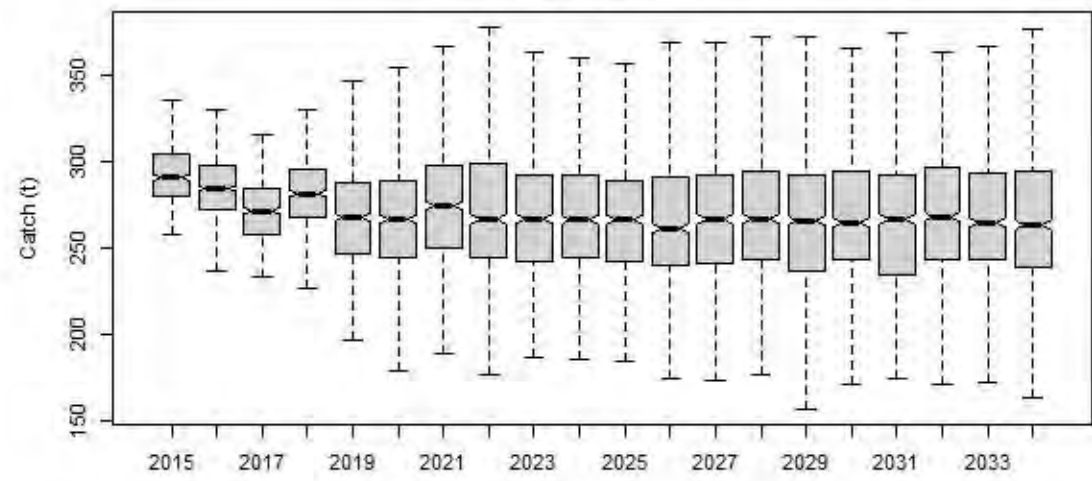
ActlCPUE.TVH



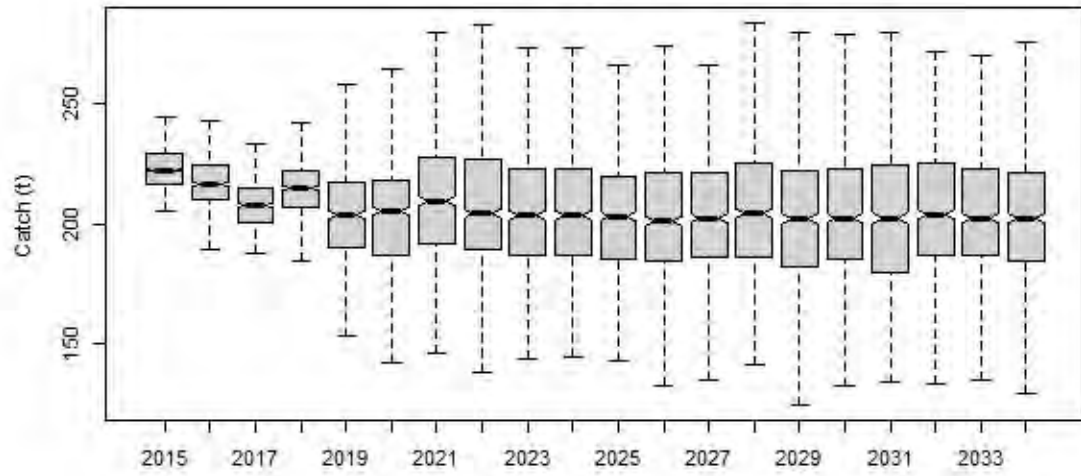
Catch of all sectors



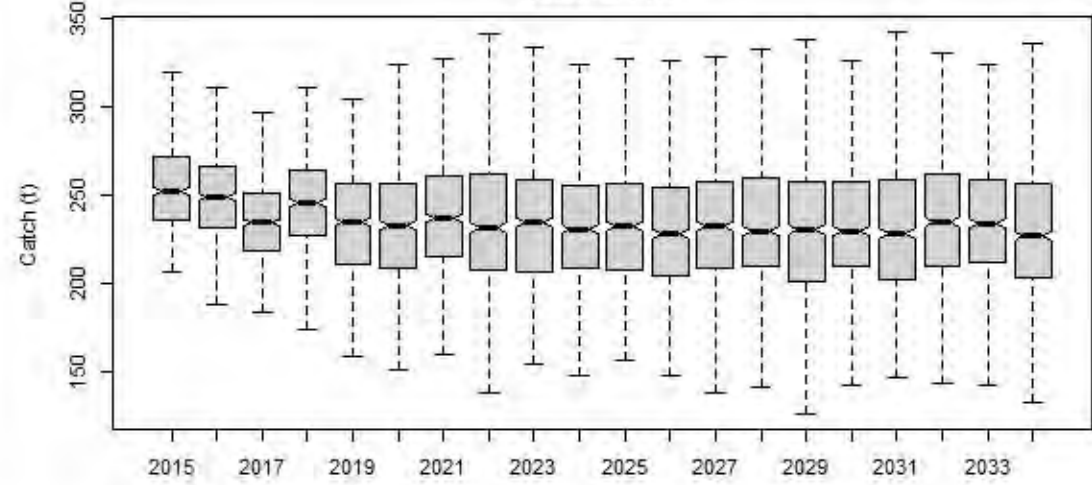
Catch of TIB



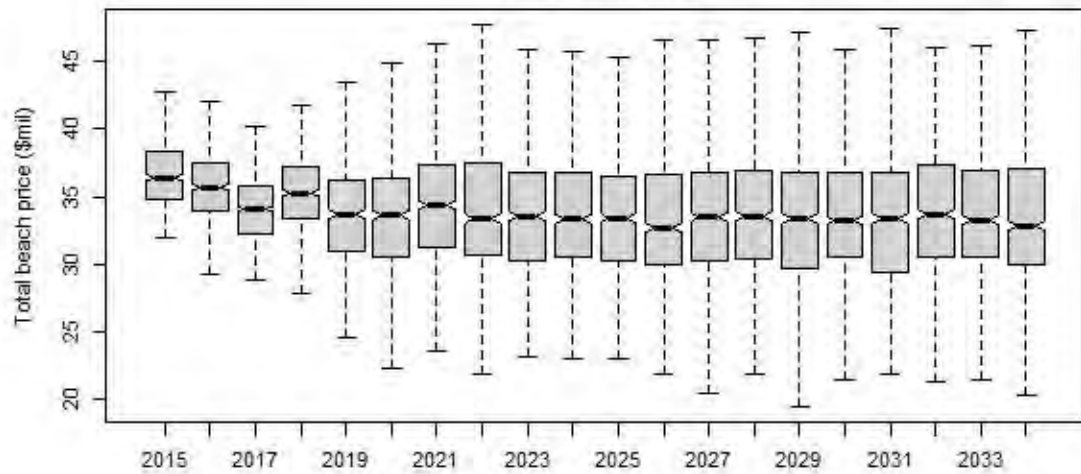
Catch of TVH



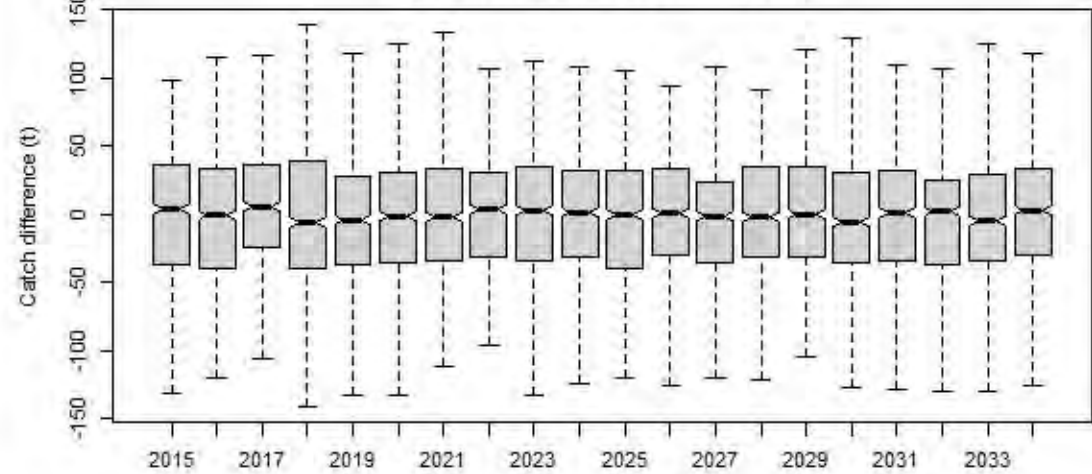
Catch of PNG



Total beach price

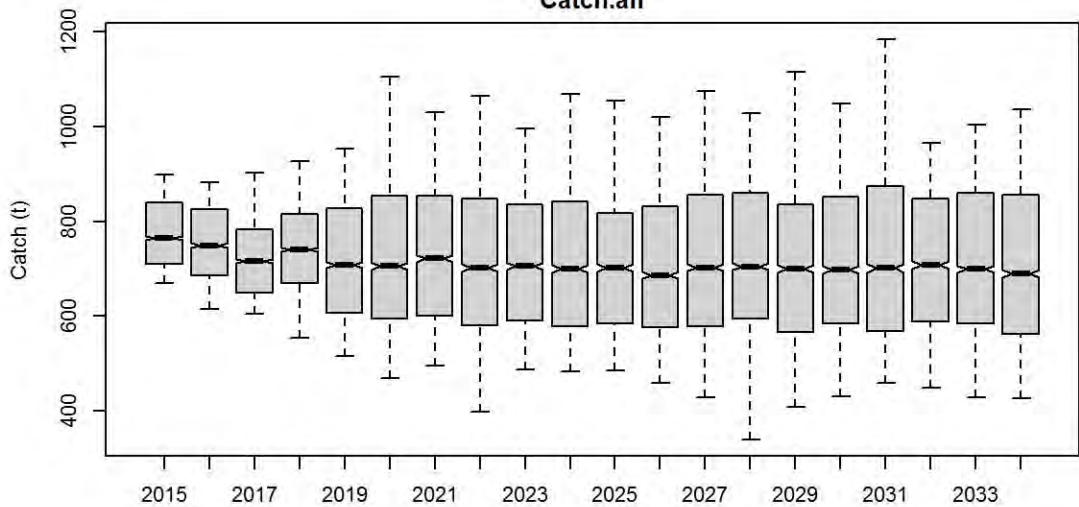


Difference of TAC and actual catch

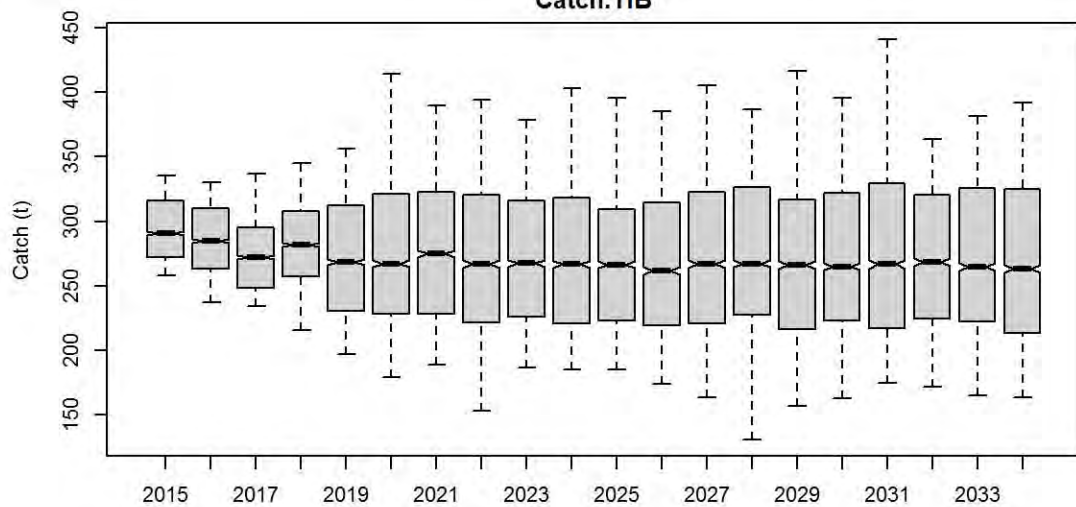


rHCR5

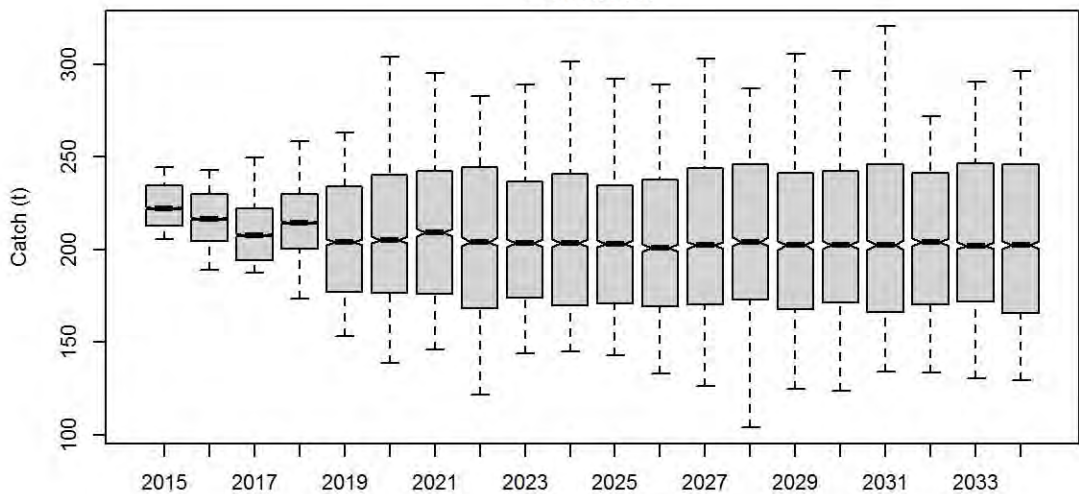
Catch.all



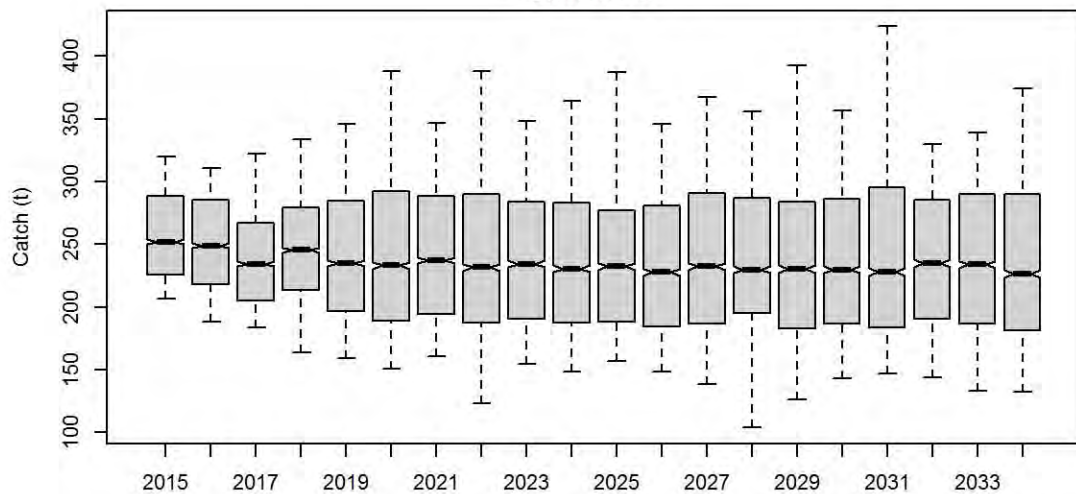
Catch.TIB



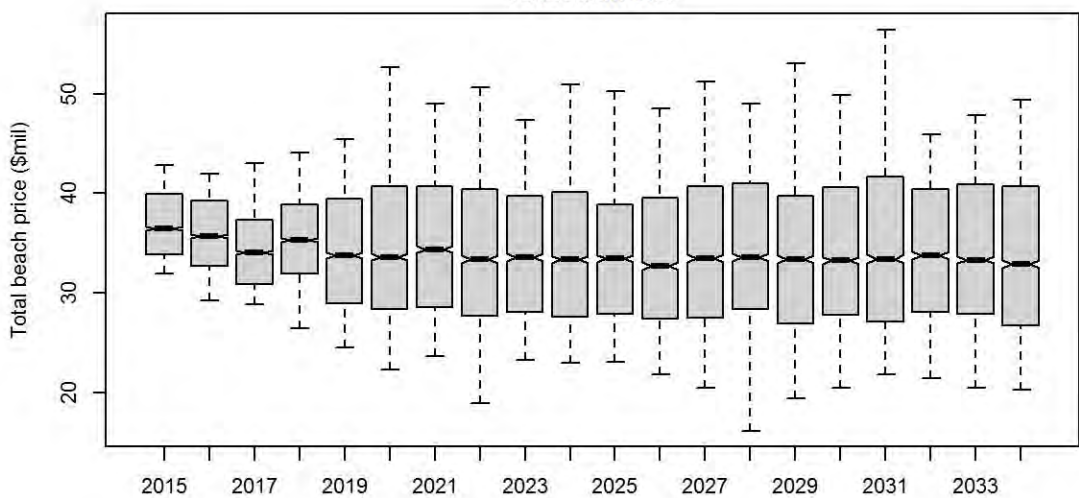
Catch.TVH



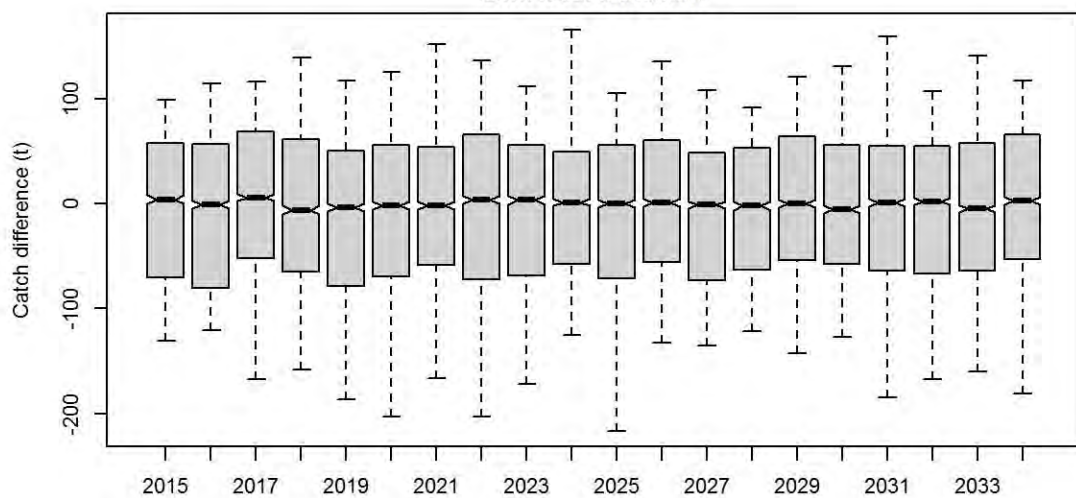
Catch.PNG



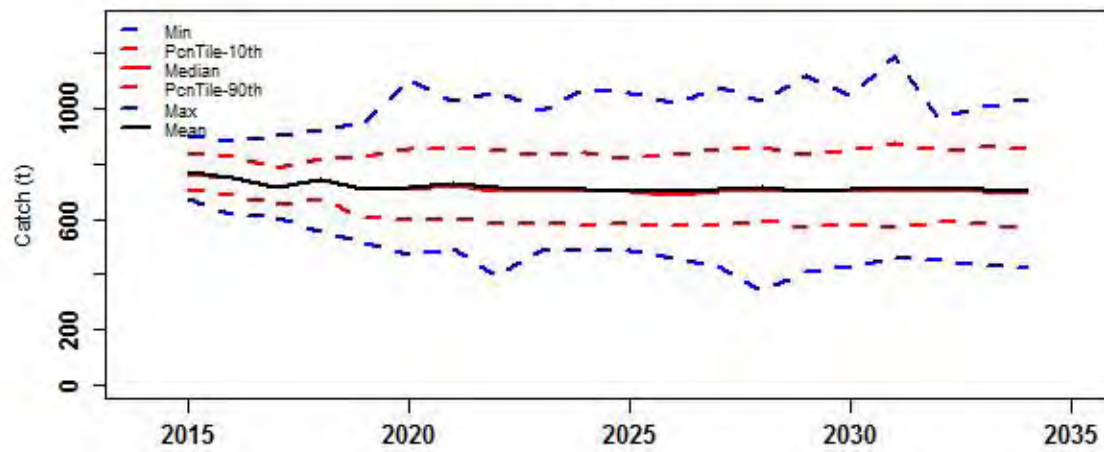
TotBeachPrice



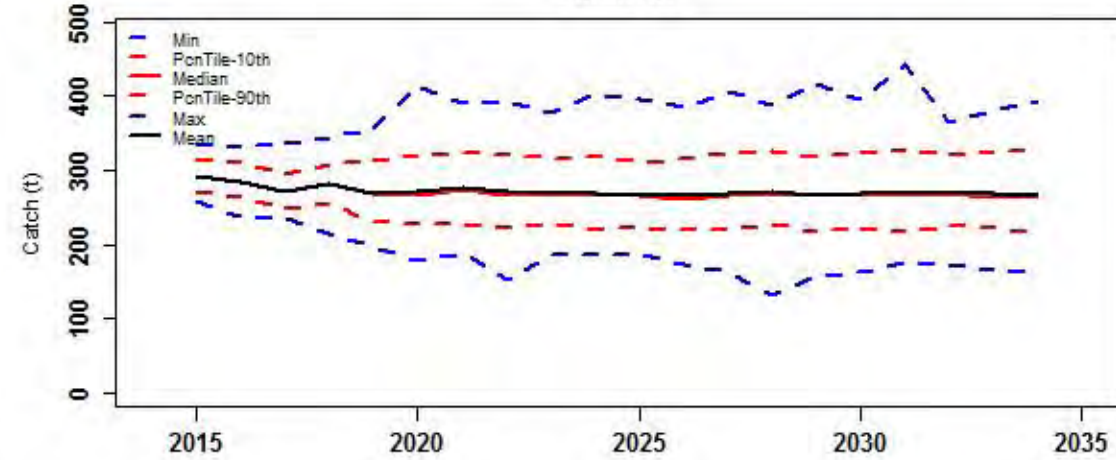
Diff.TAC.actlCatch



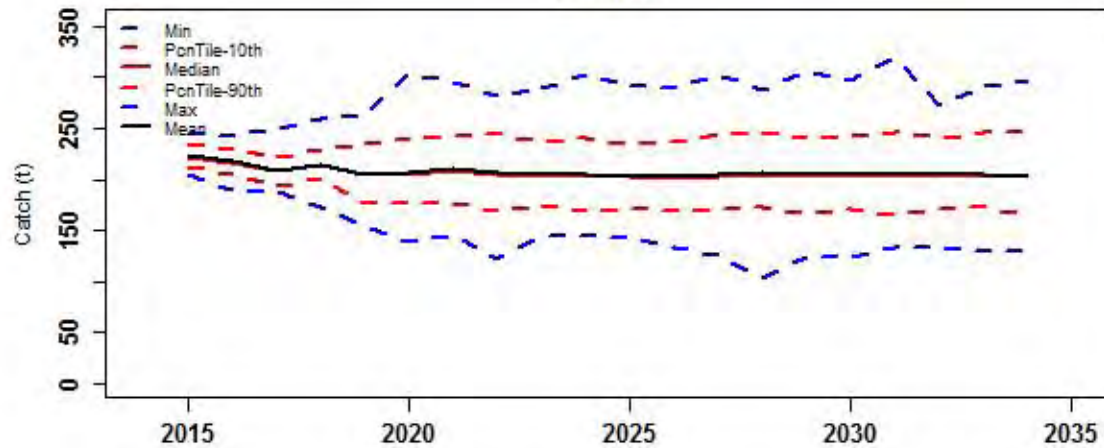
Catch.all



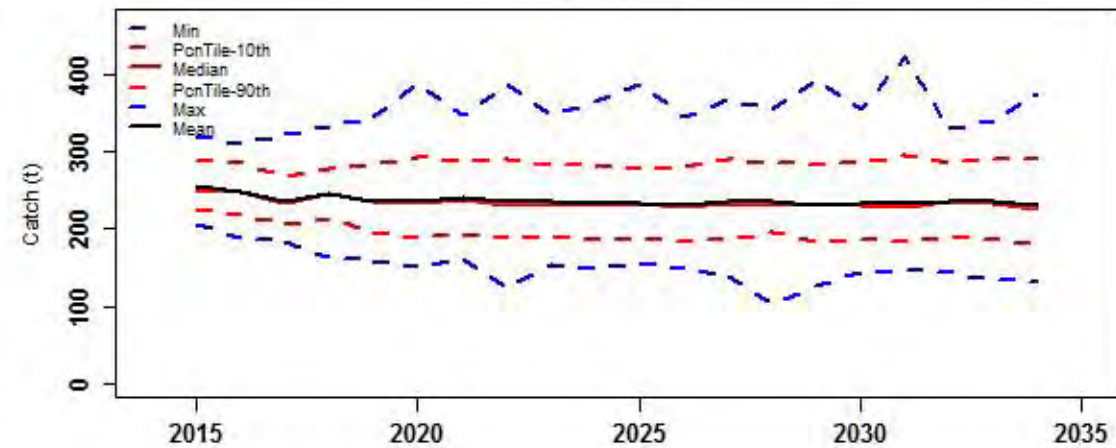
Catch.TIB



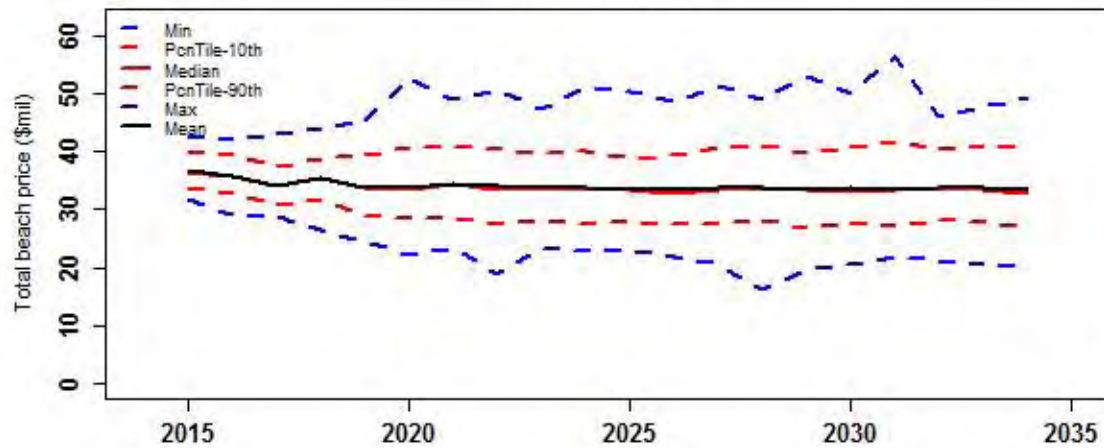
Catch.TVH



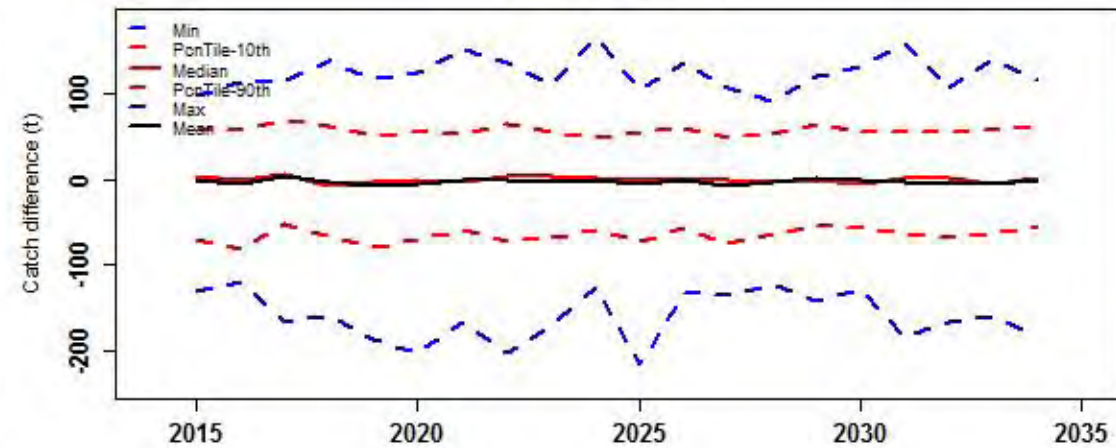
Catch.PNG



TotBeachPrice



Diff.TAC.actlCatch



Risk properties

probability

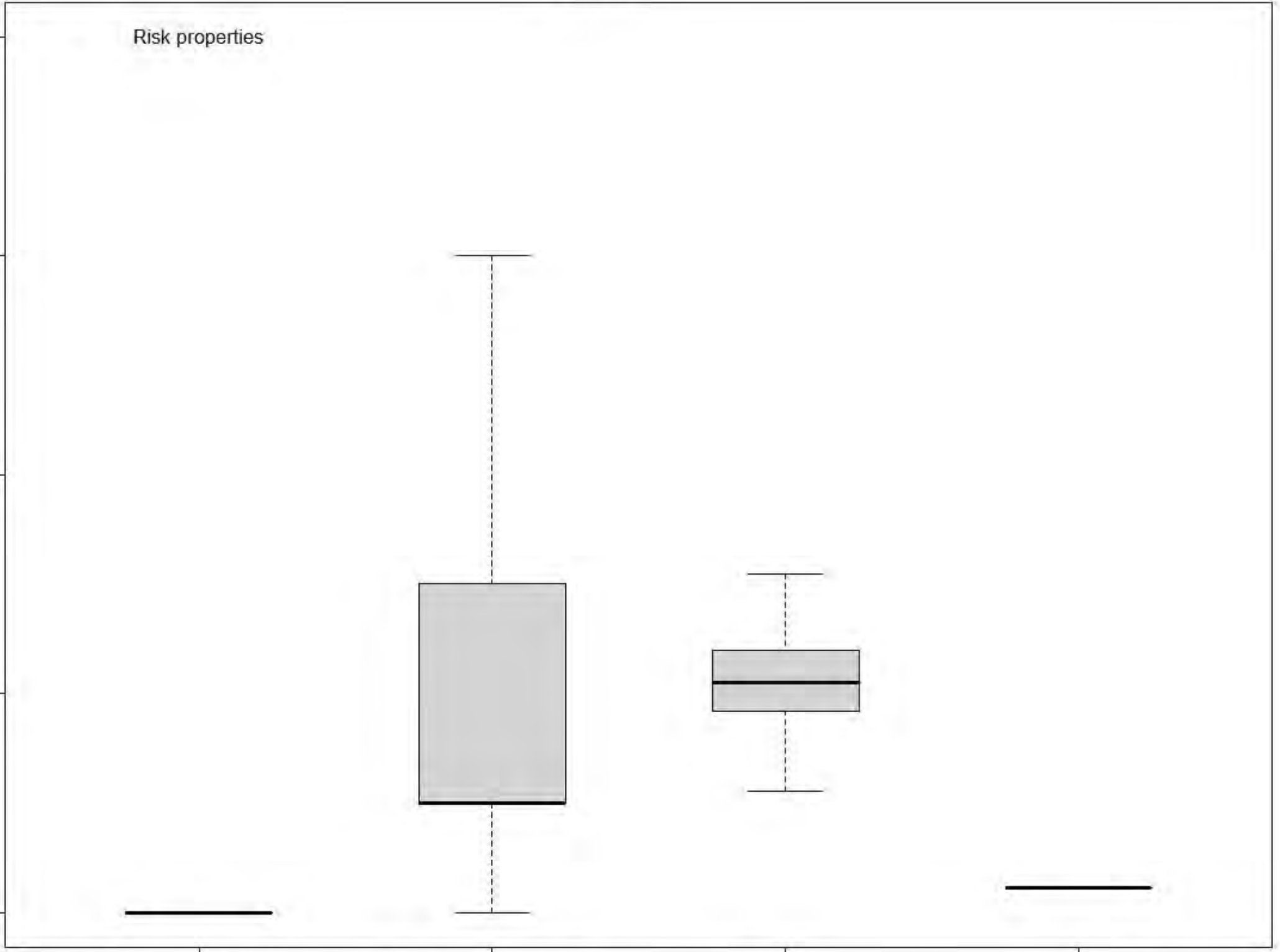
0.4
0.3
0.2
0.1
0.0

Prop_times_Bsp.0.32K

Prop_times_Bsp.0.48K

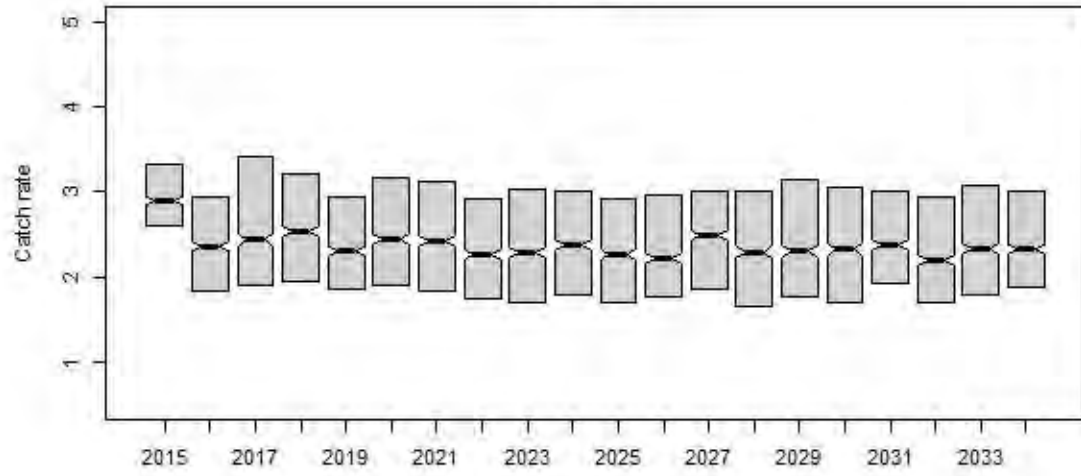
AAV_catch

Prob_Closure

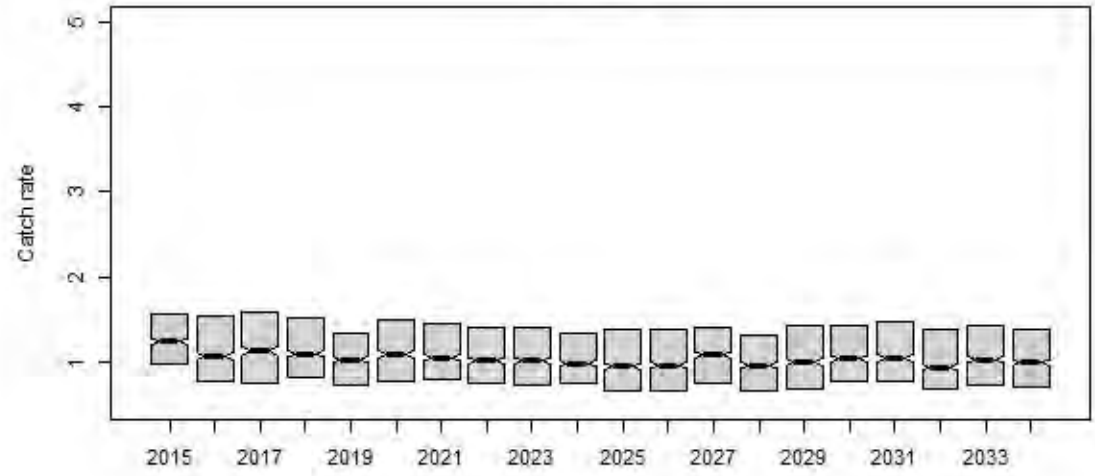


rHCR5

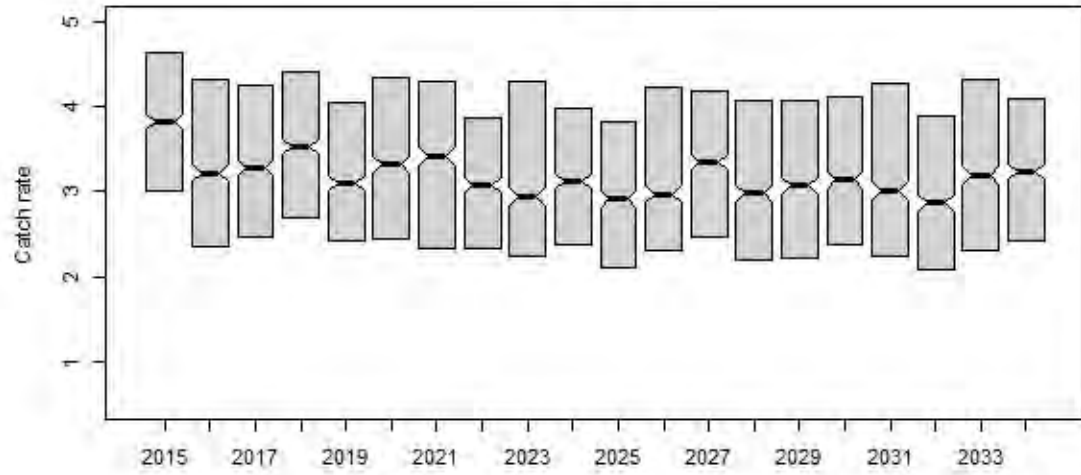
Preseas1



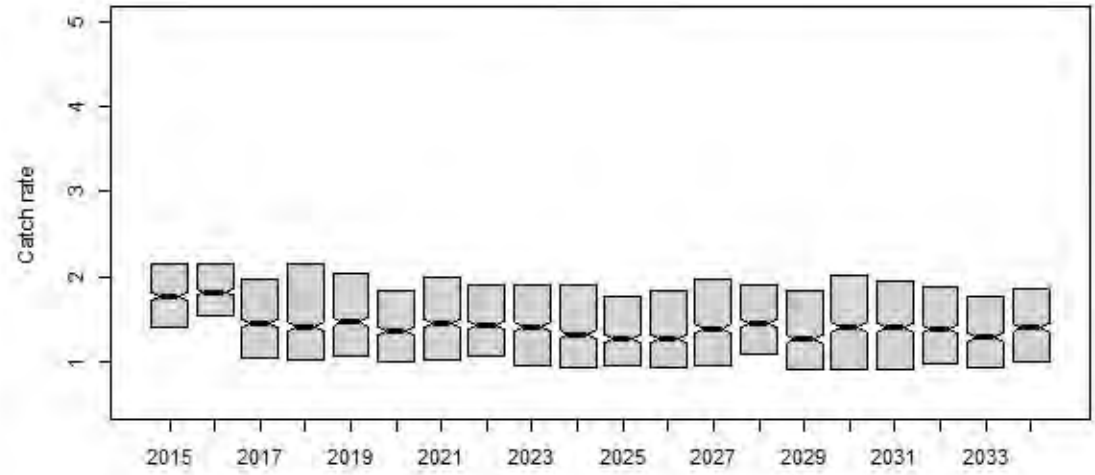
Preseas0



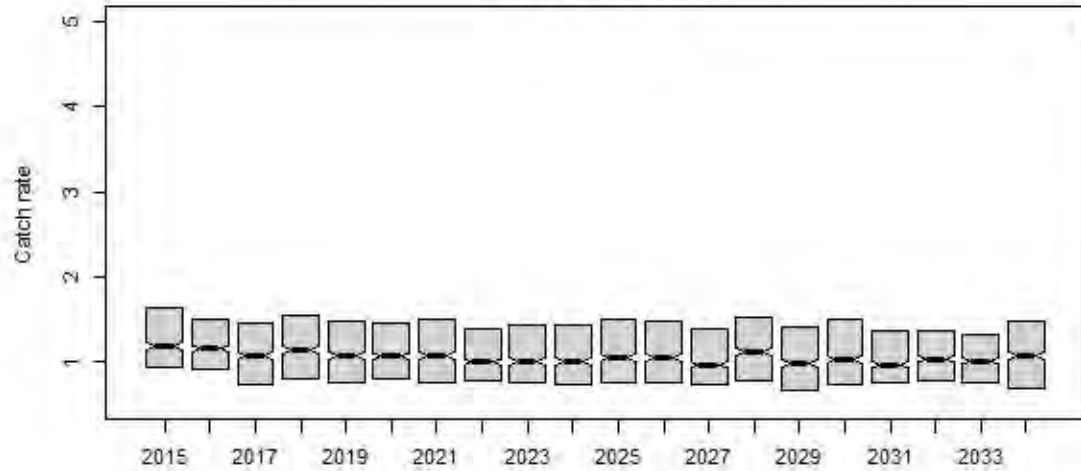
Midsurv1



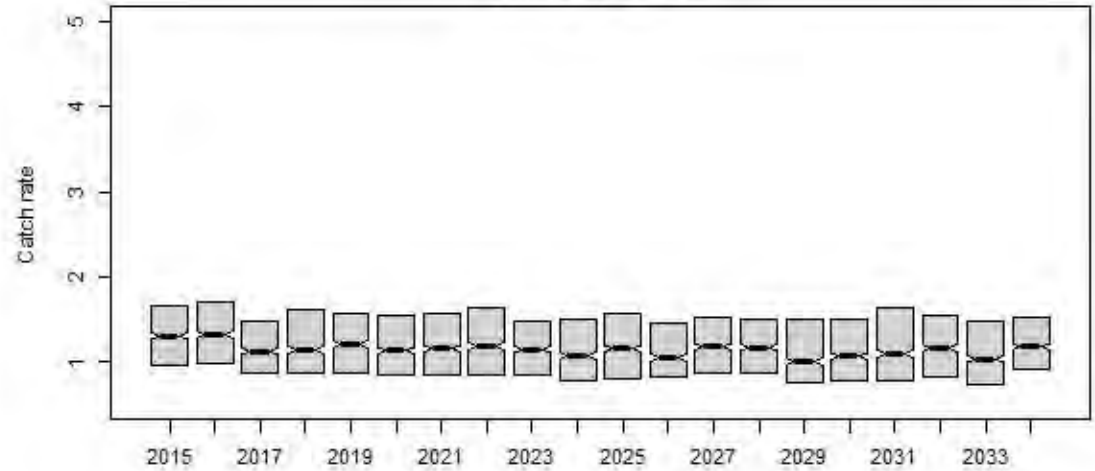
Midsurv2



Future_CPUE_TVH

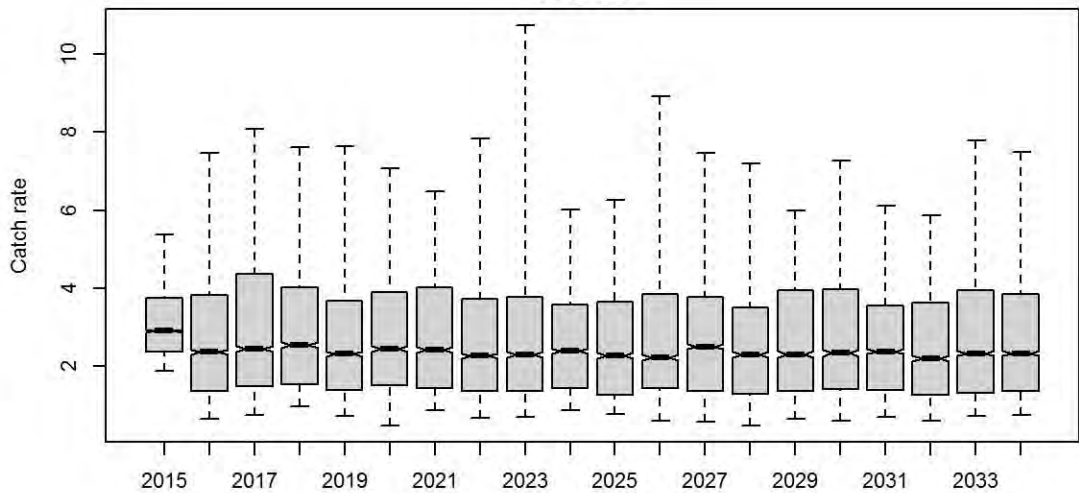


Future_CPUE_TIB

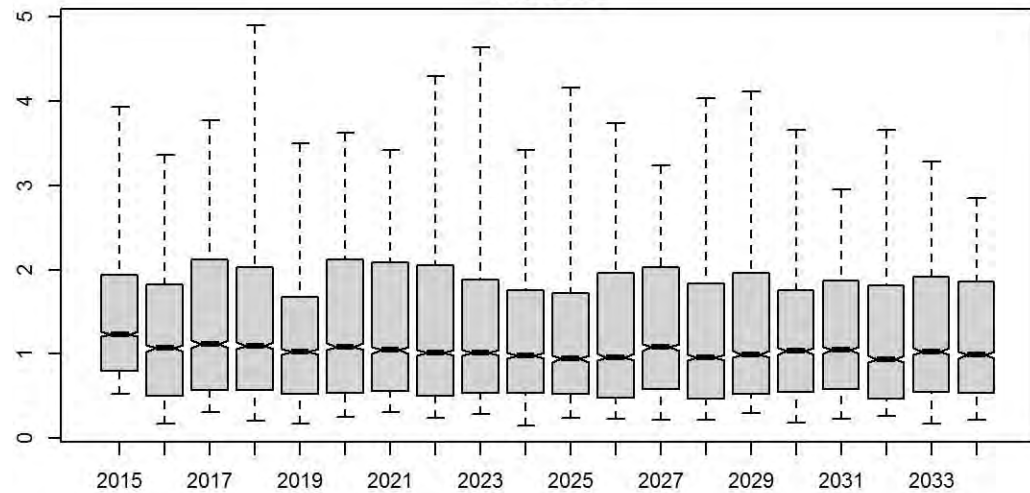


rHCR5

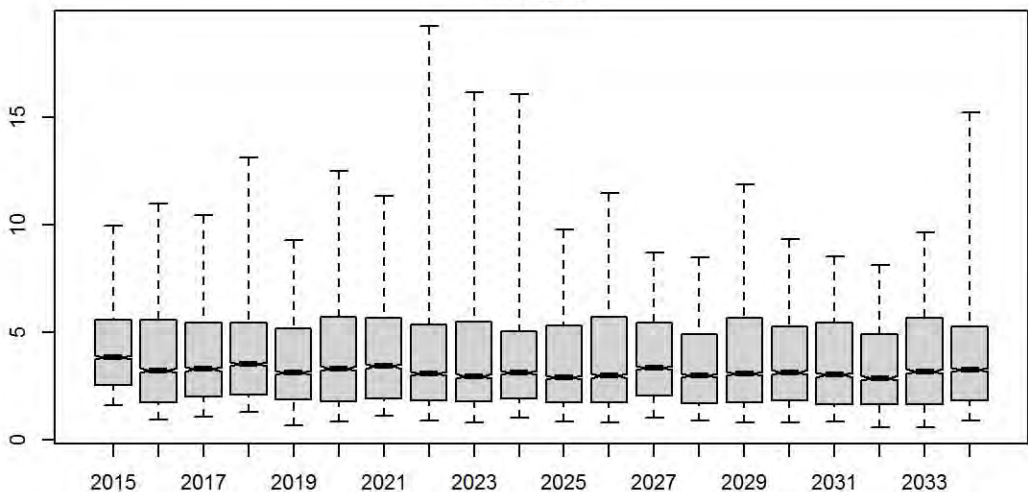
Preseas1



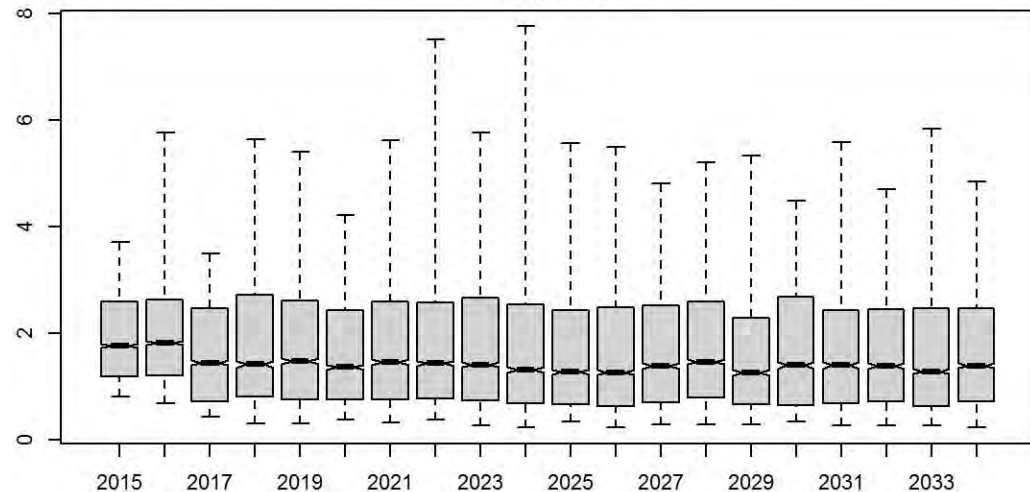
Preseas0



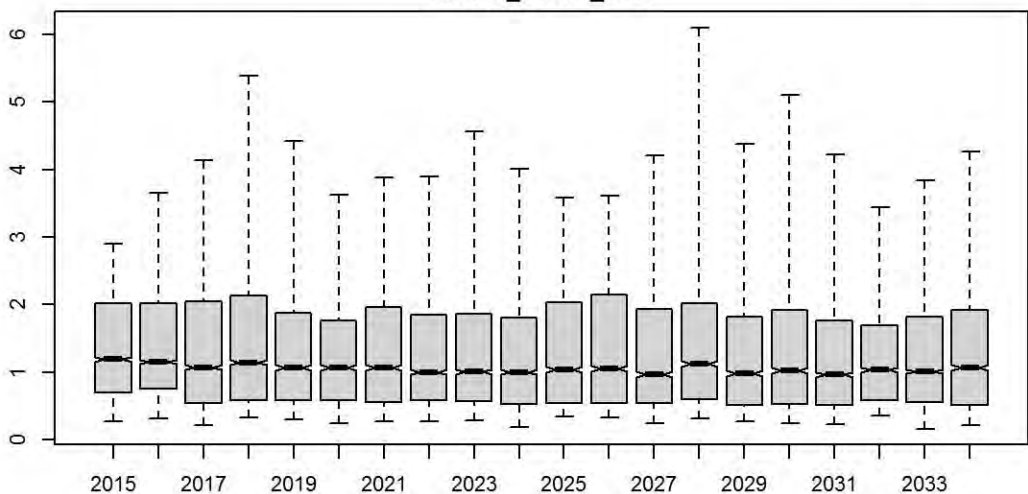
Midsurv1



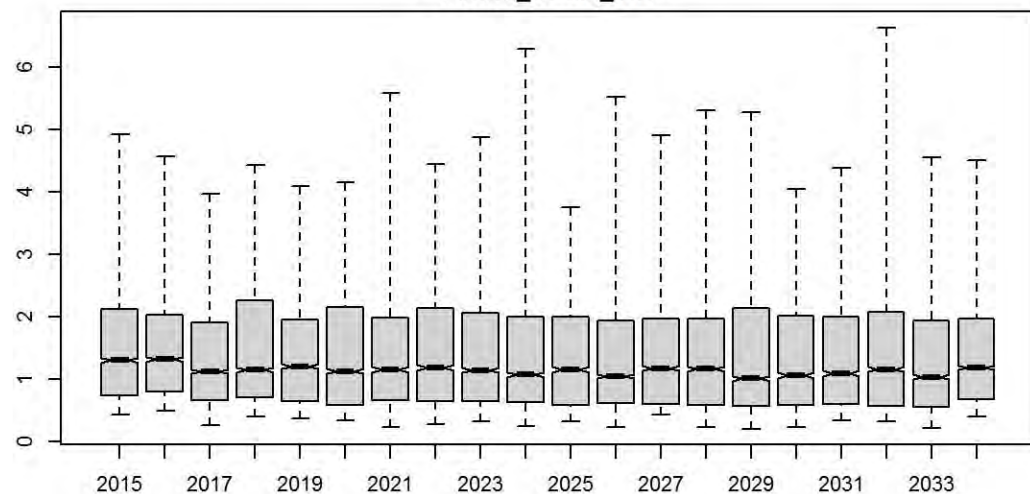
Midsurv2



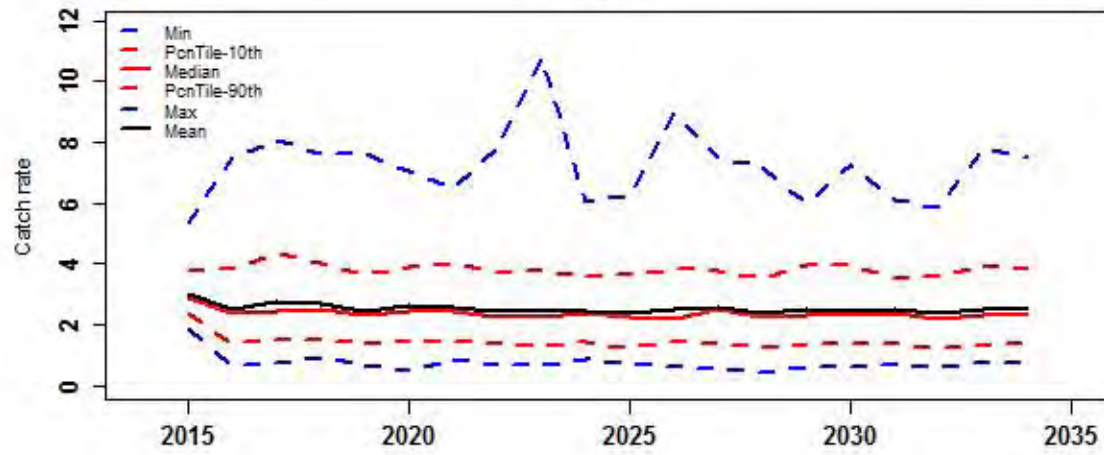
Future_CPUE_TVH



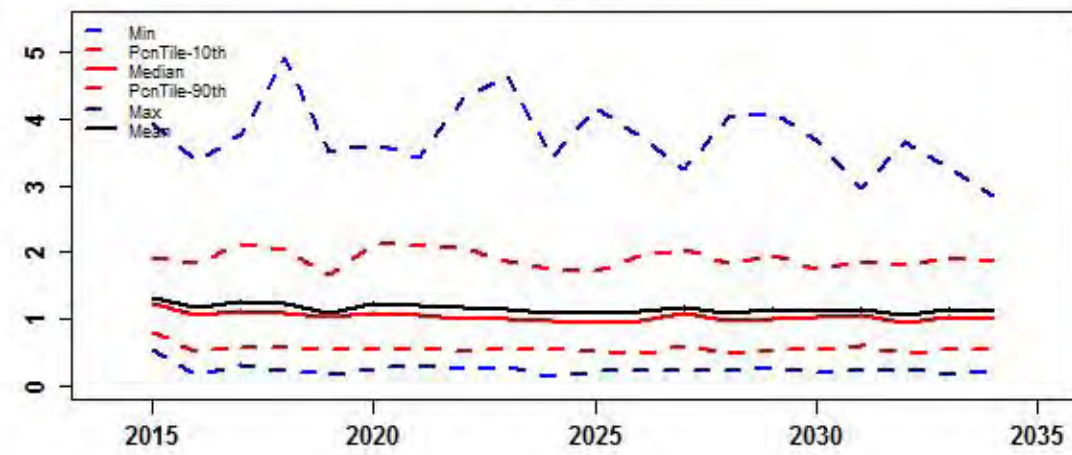
Future_CPUE_TIB



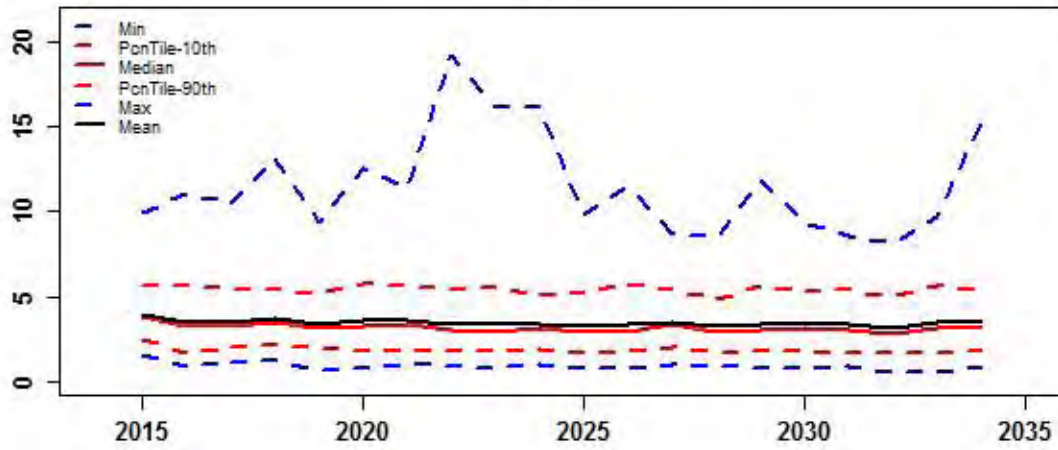
Preseas1



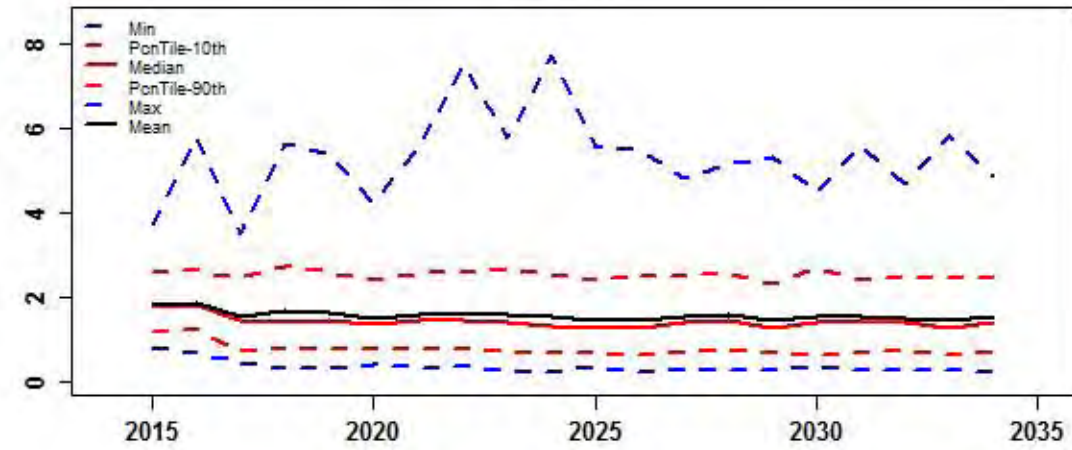
Preseas0



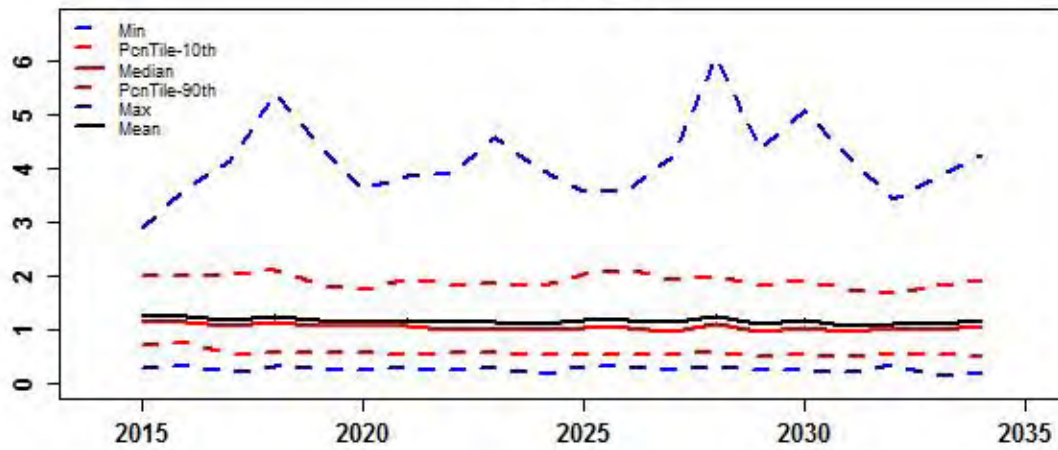
Midsurv1



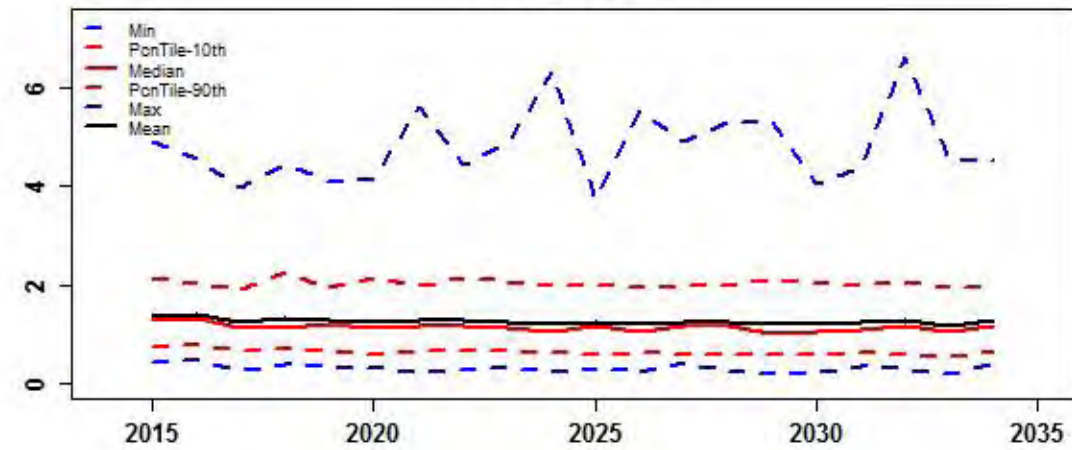
Midsurv2



Future_CPUE_TVH

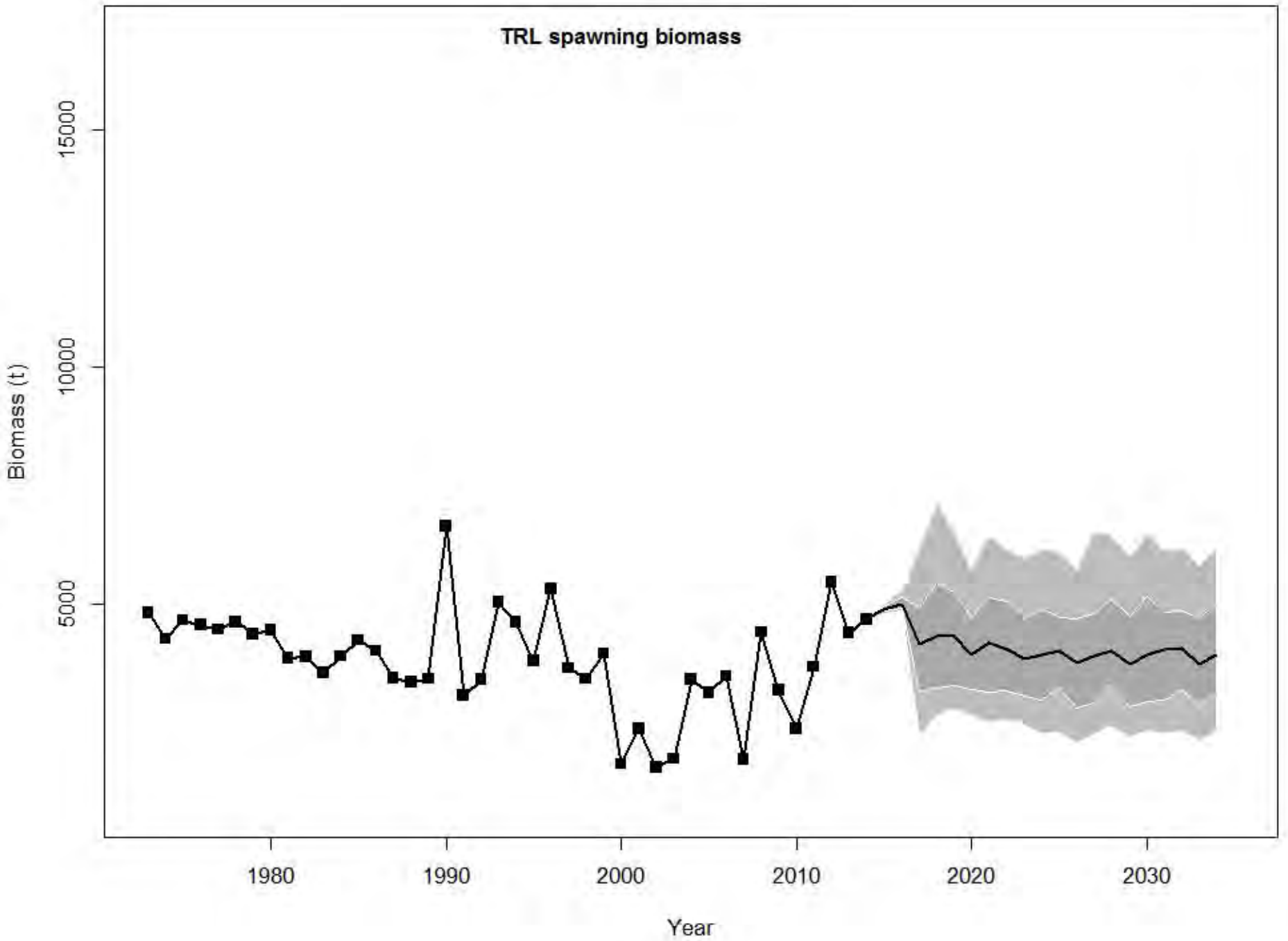


Future_CPUE_TIB

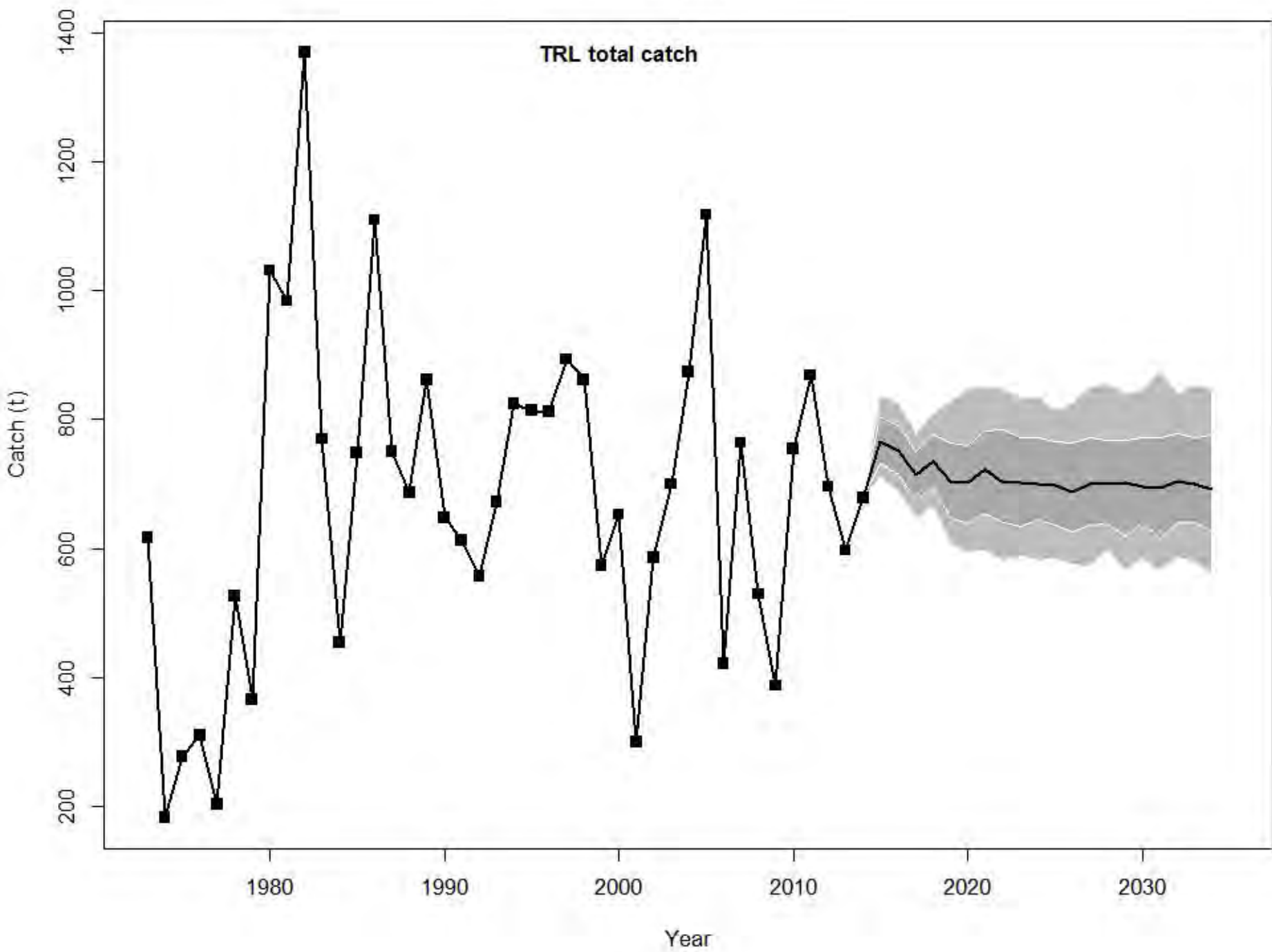


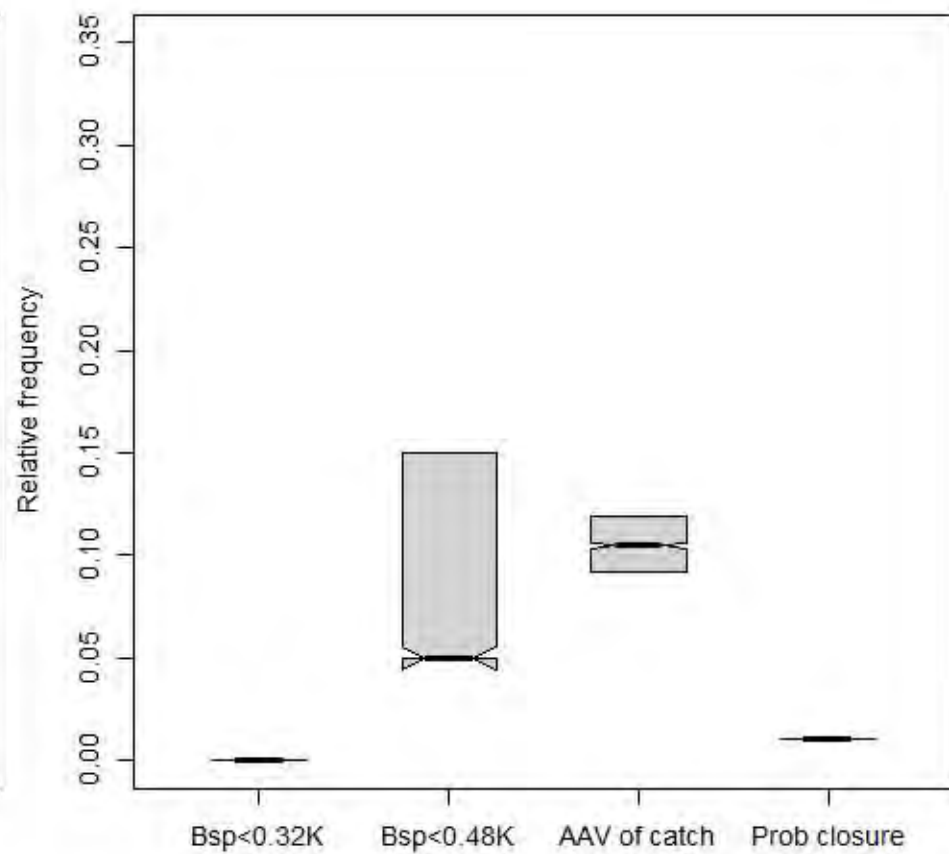
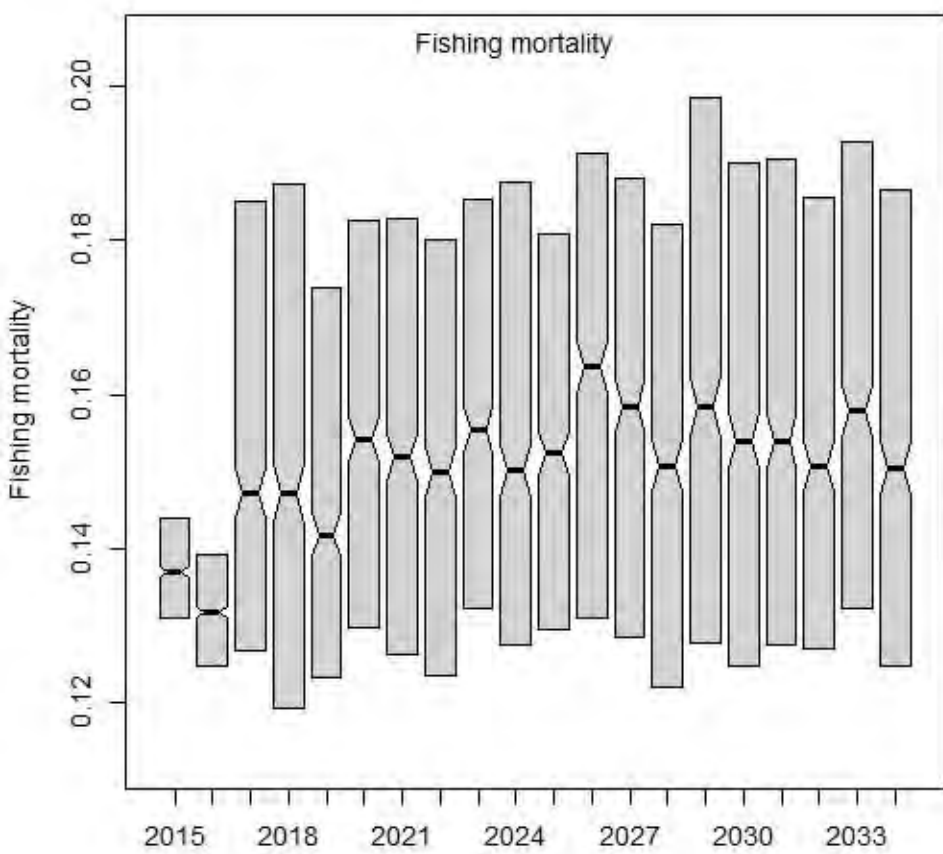
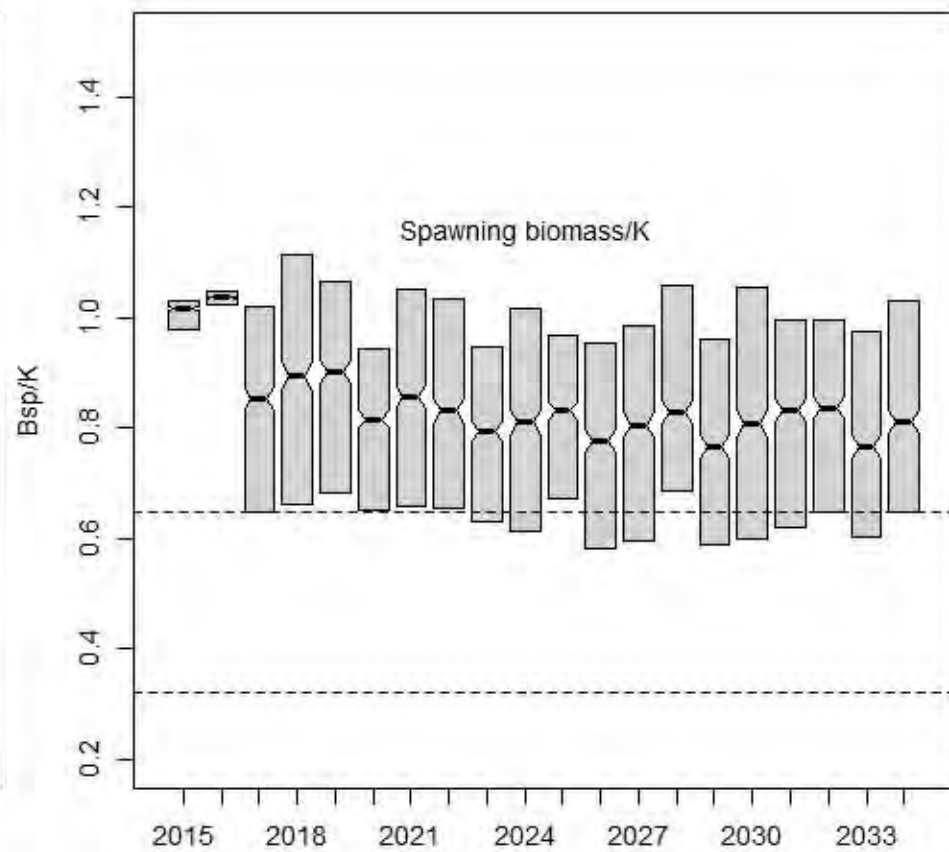
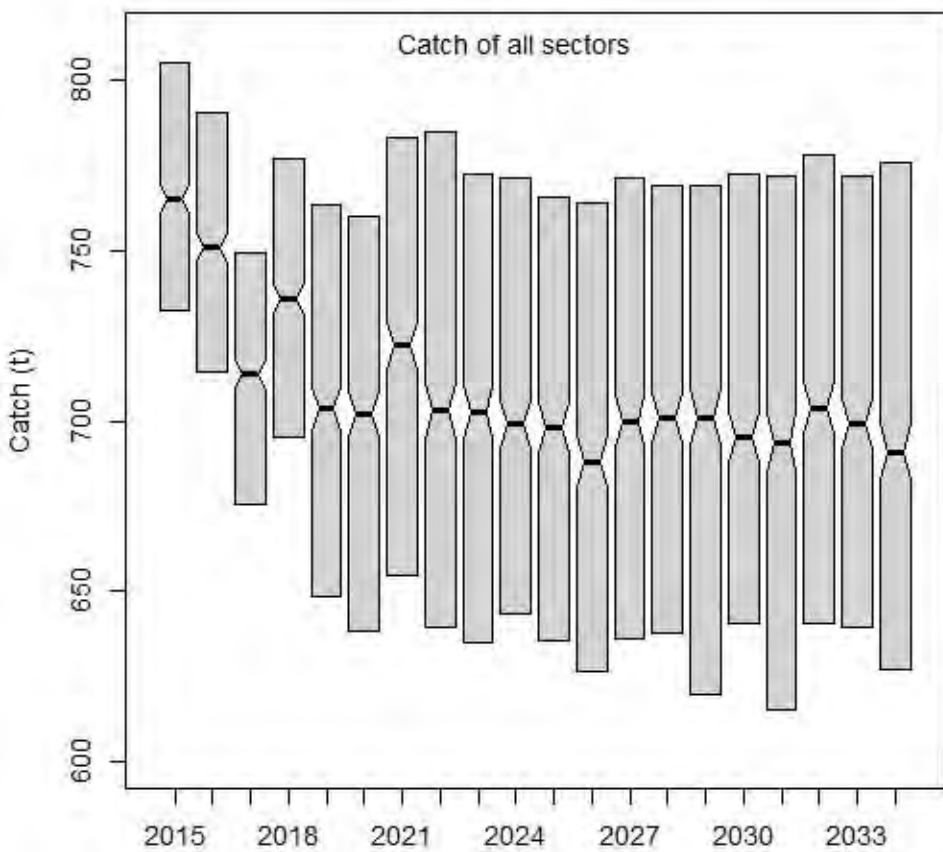
**HARVEST
CONTROL
RULE
SCENARIO 6**

rHCR6

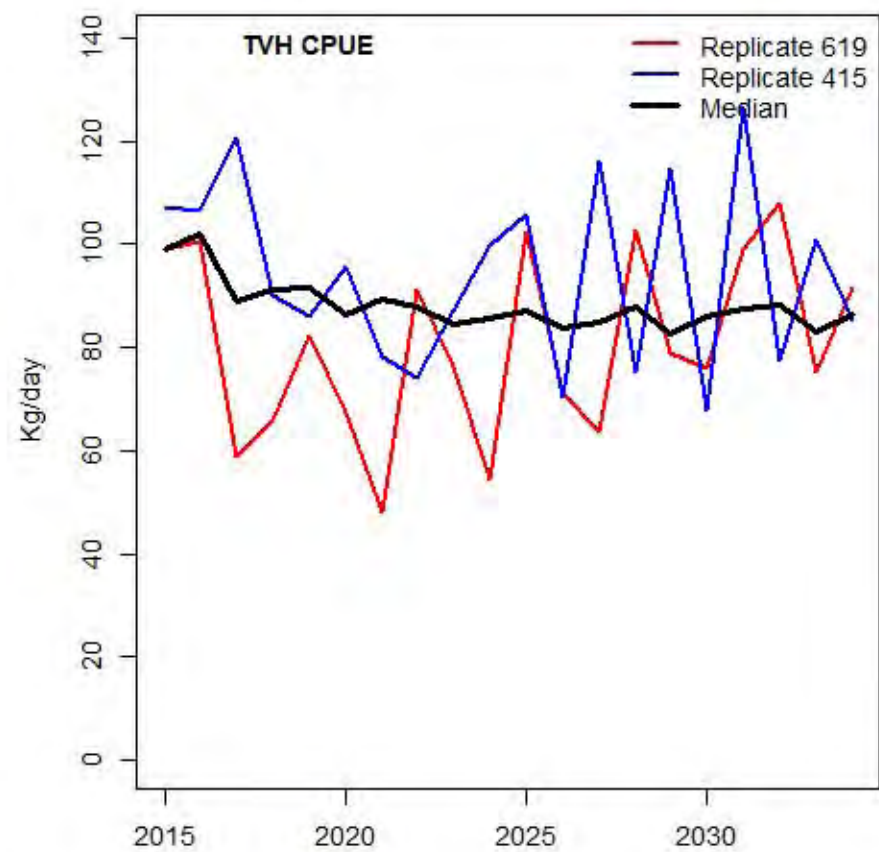
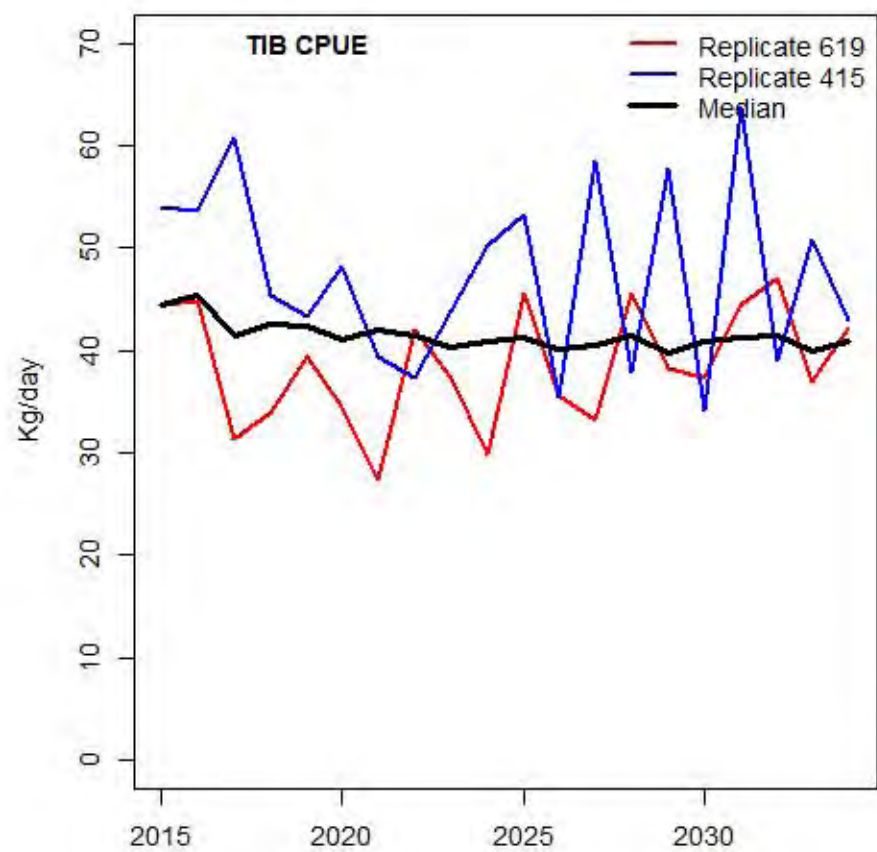
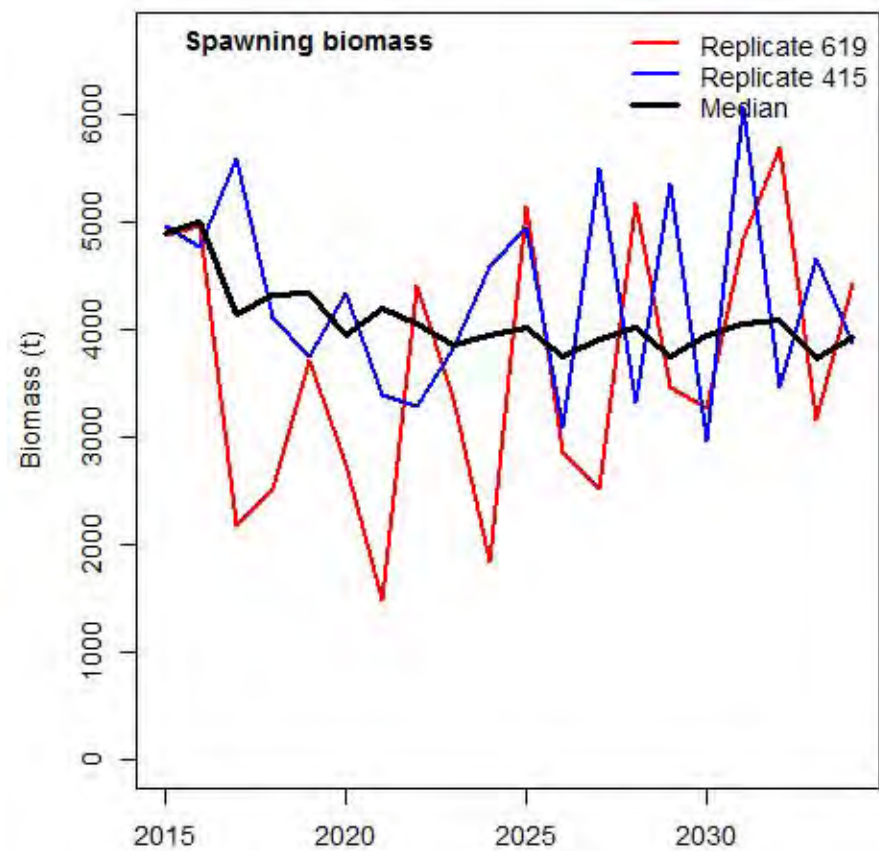
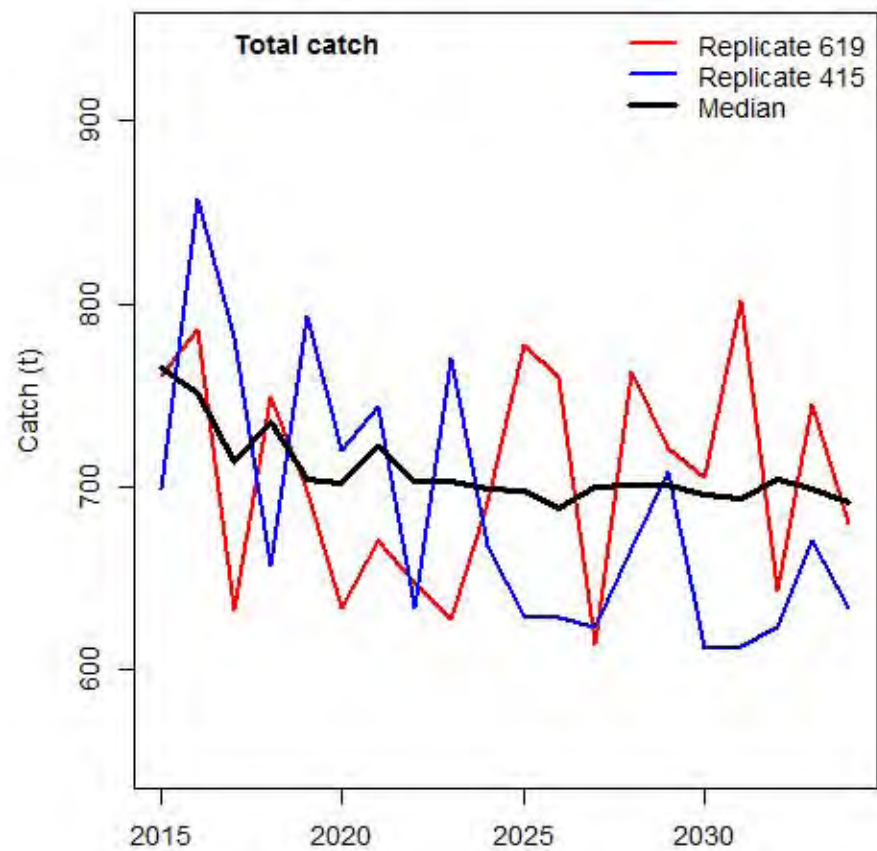


rHCR6

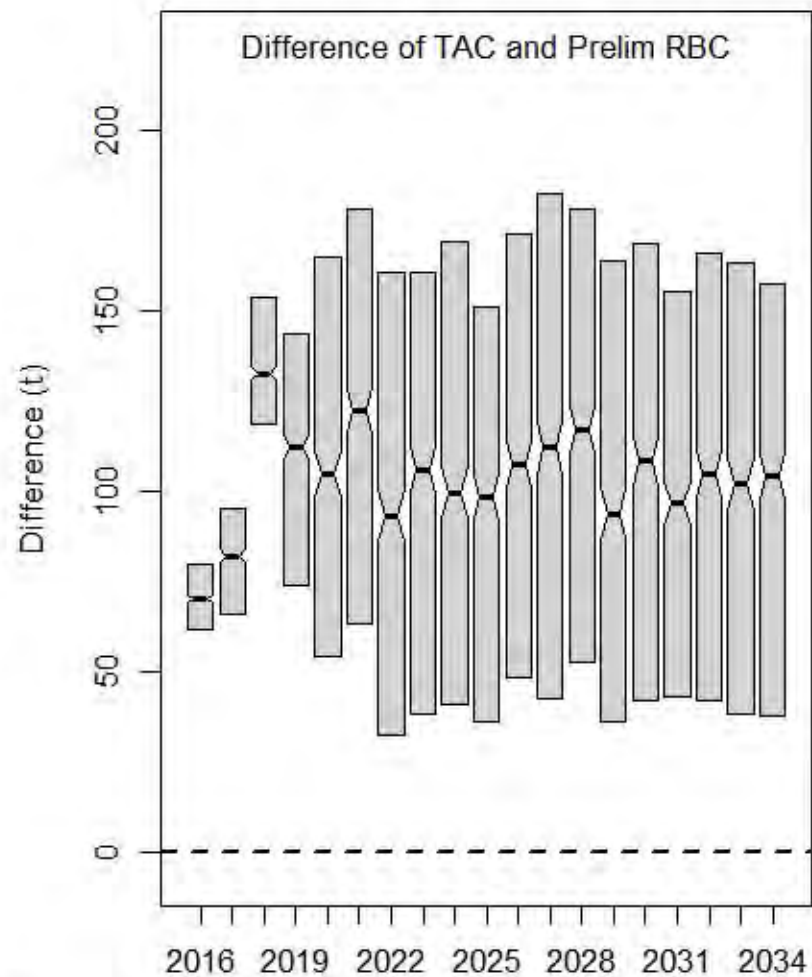
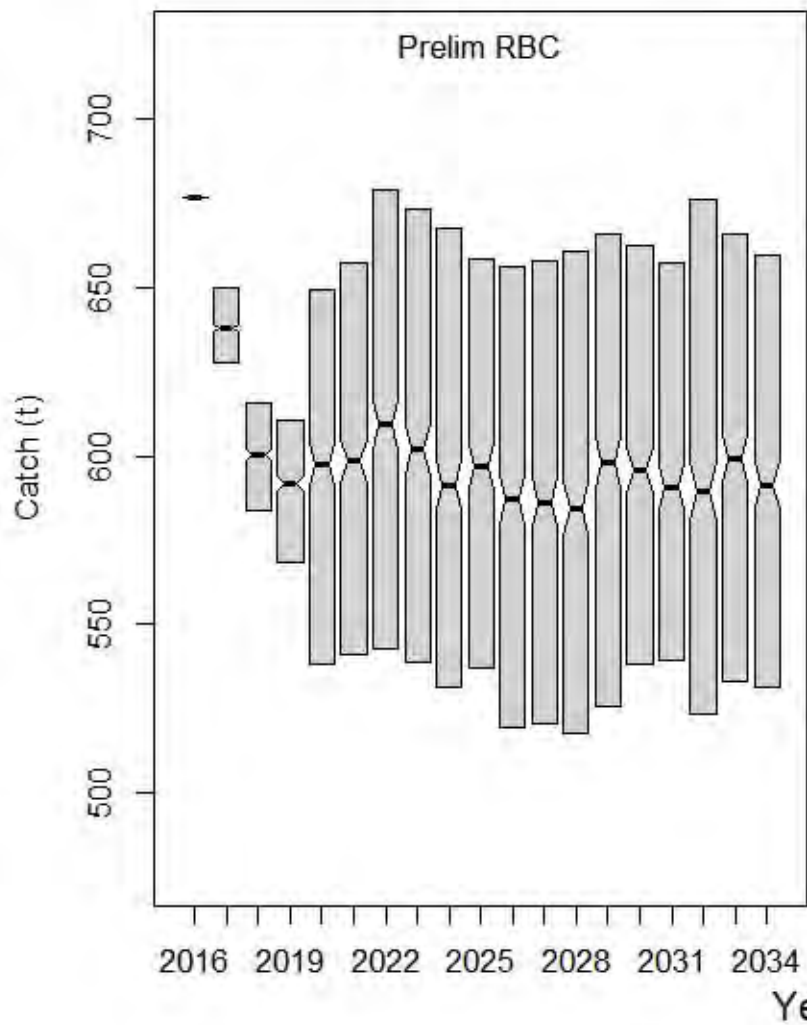


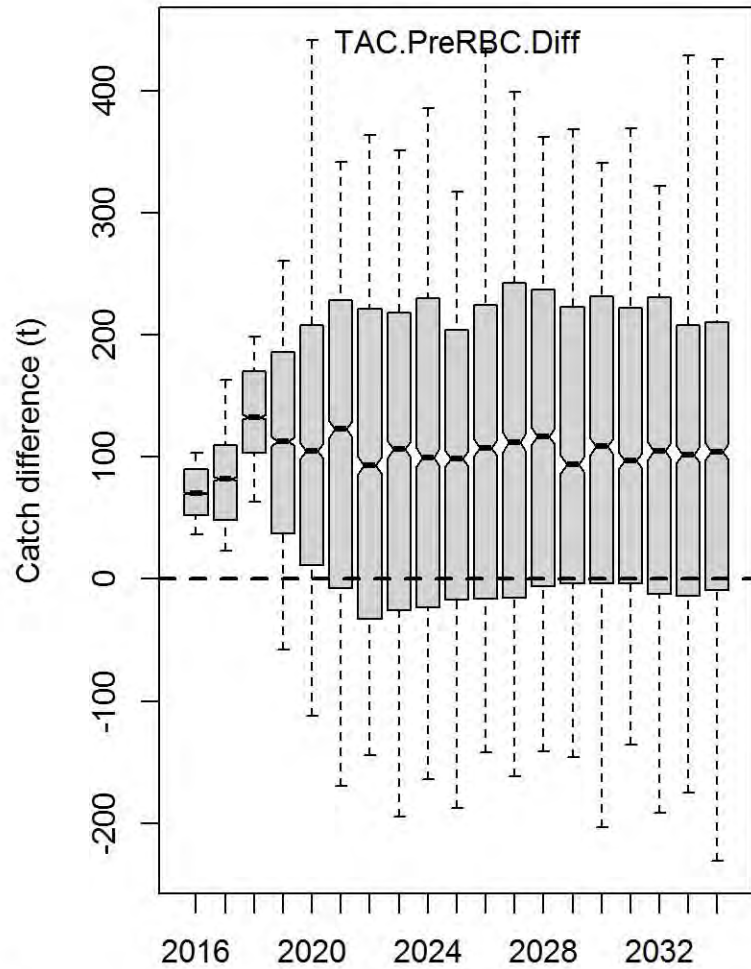
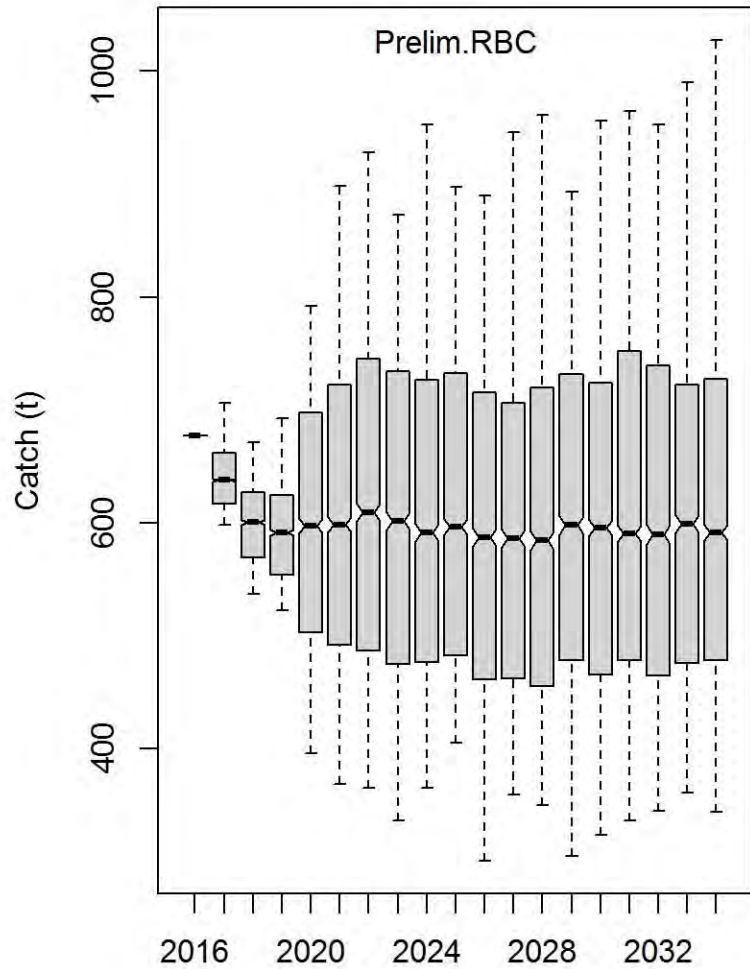


rHCR6

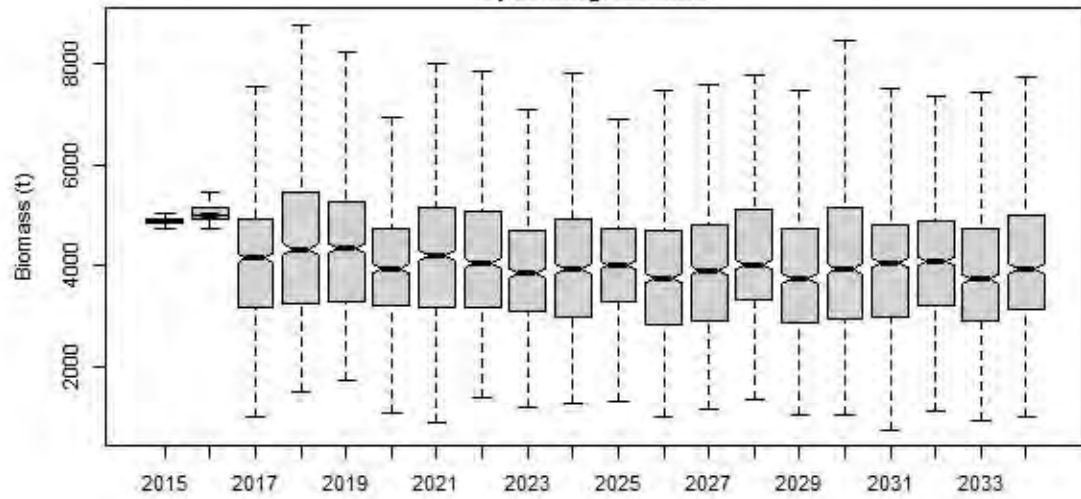


rHCR6

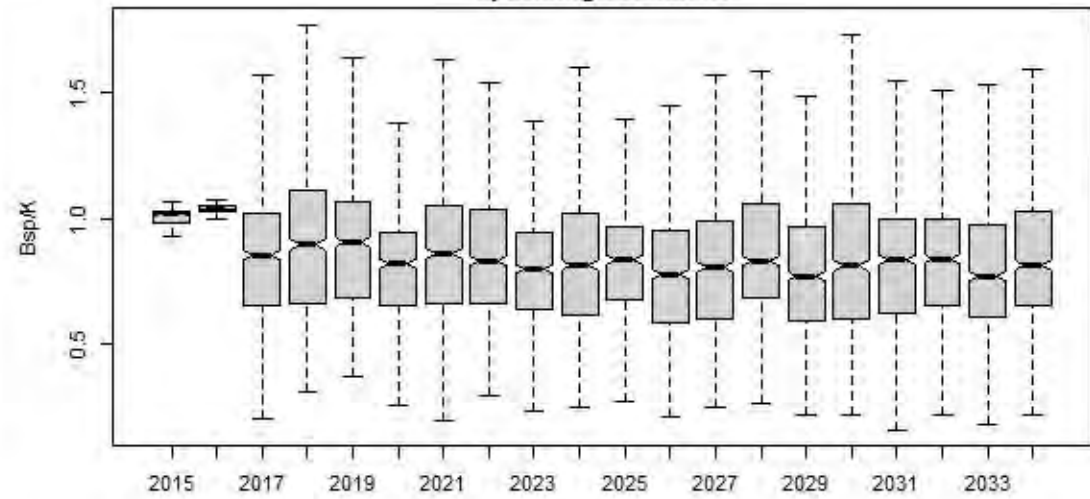




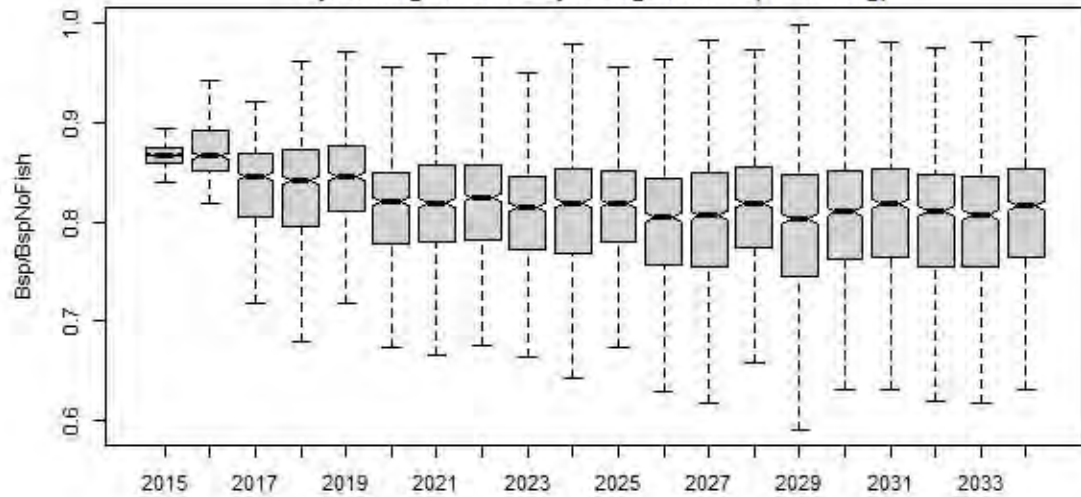
Spawning biomass



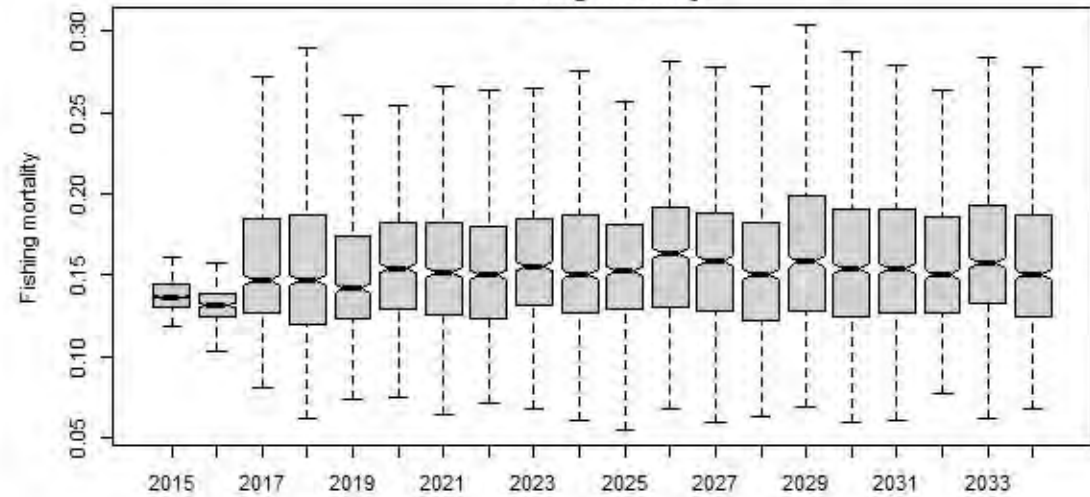
Spawning biomass/K



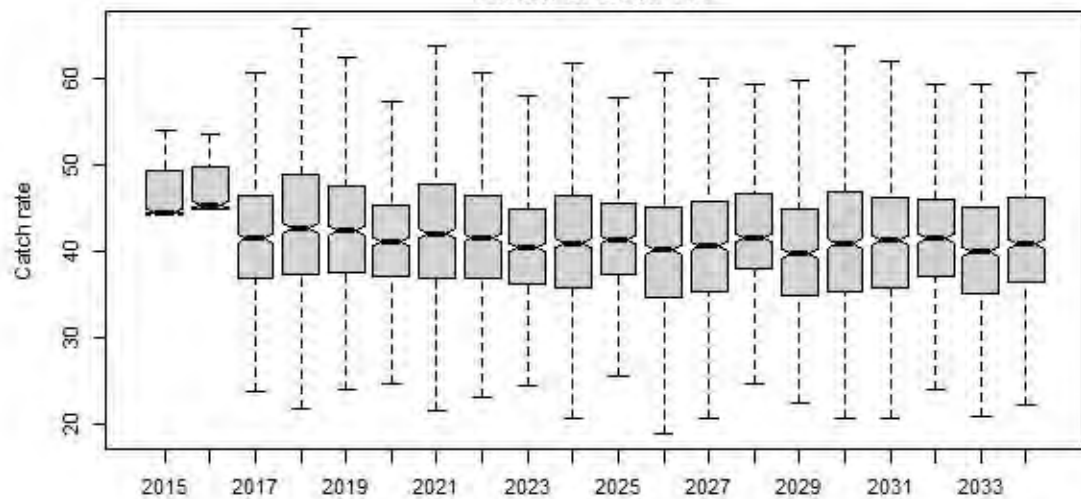
Spawning biomass/Spawning biomass(no fishing)



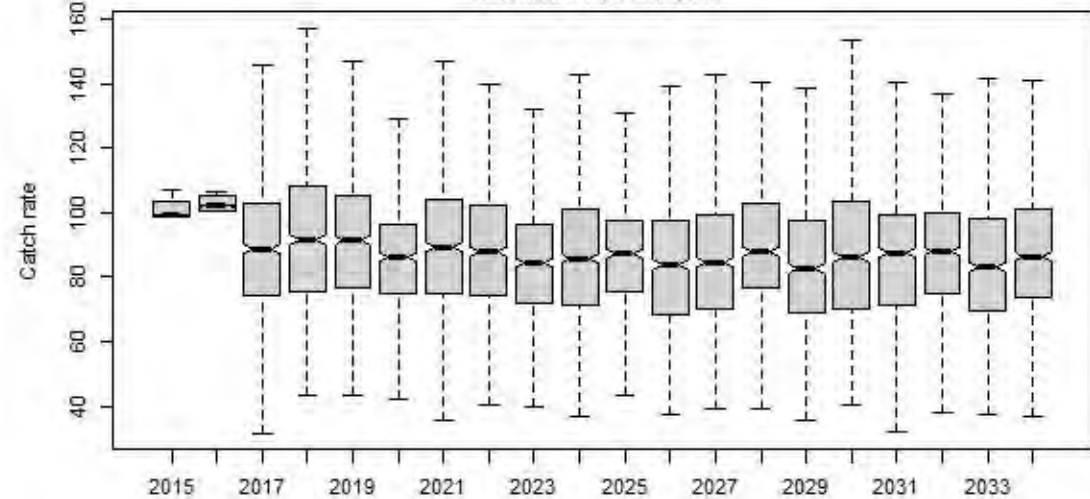
Fishing mortality



Actual CPUE of TIB

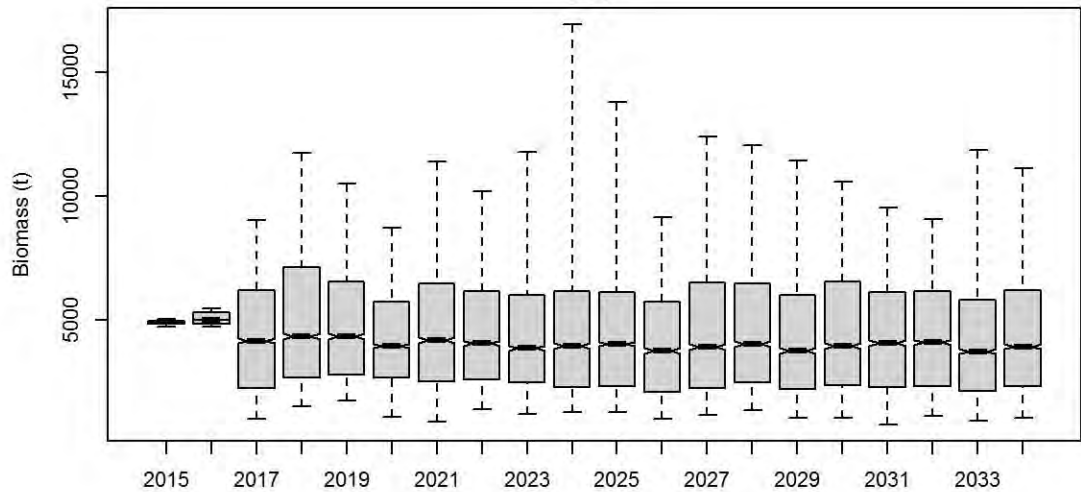


Actual CPUE of TVH

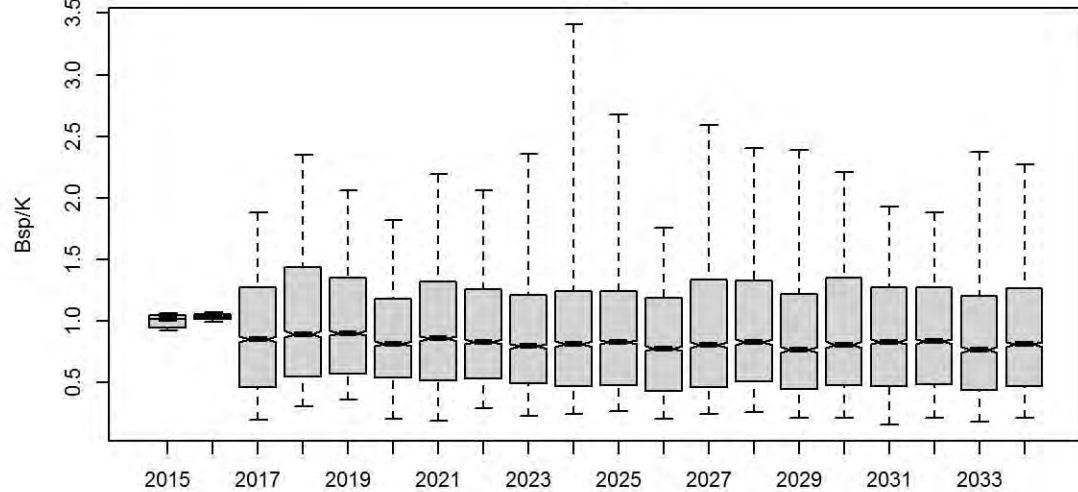


rHCR6

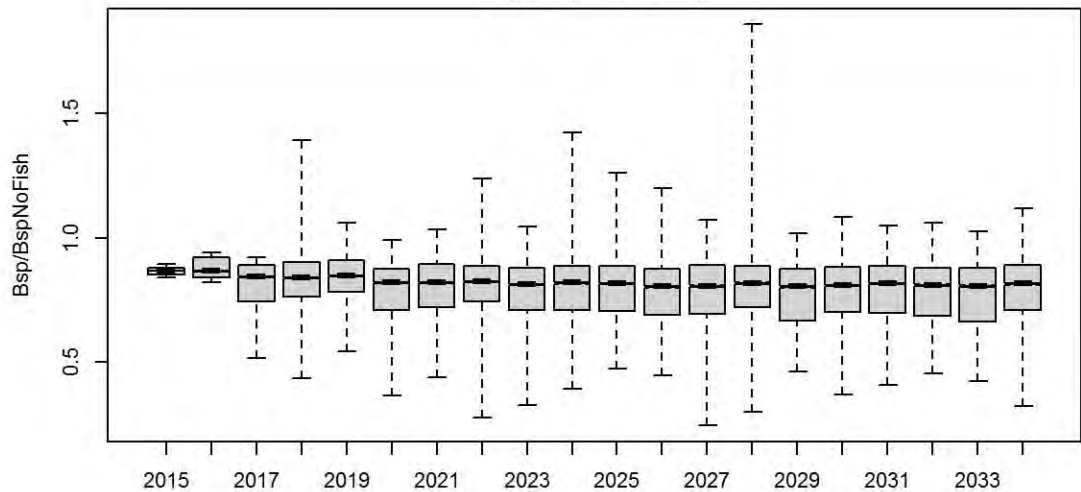
Bsp



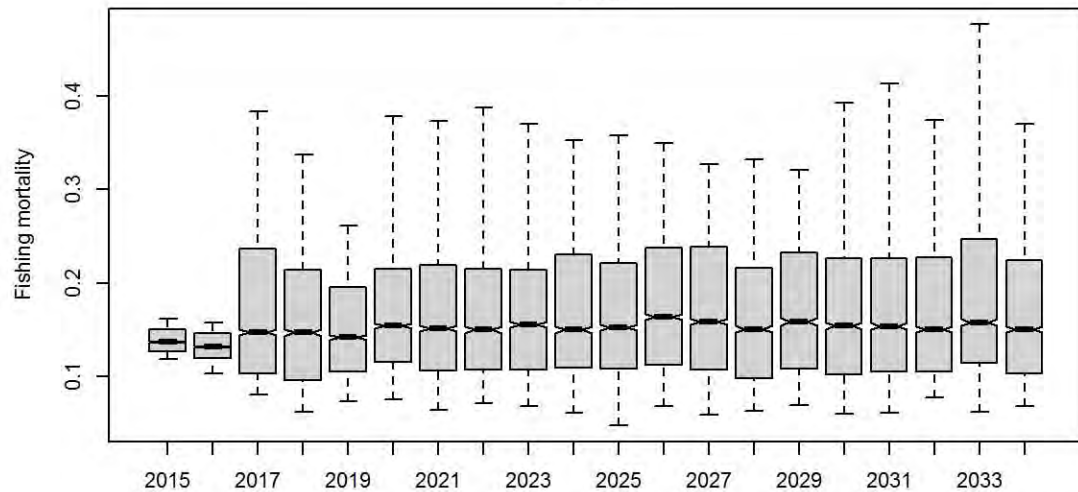
Bsp_K



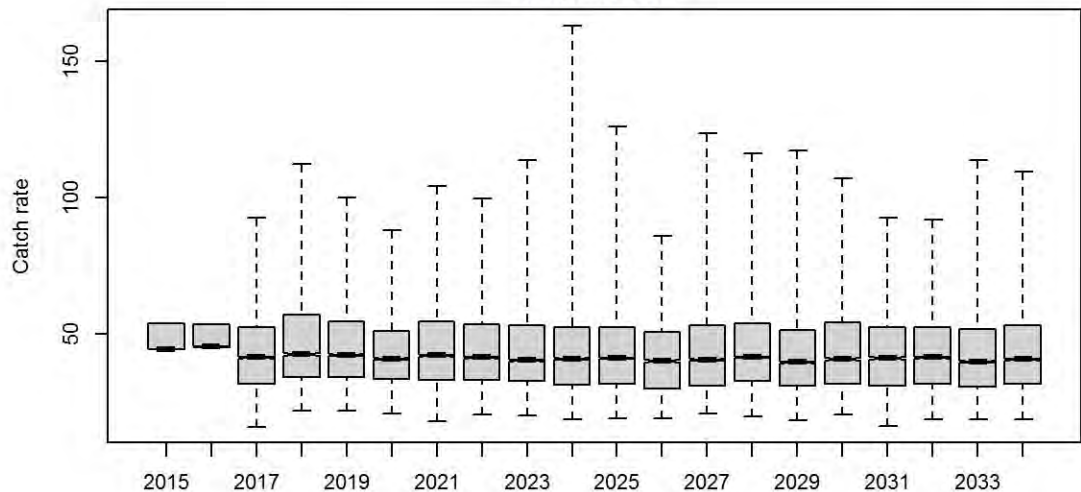
Bsp_BspNoFishing



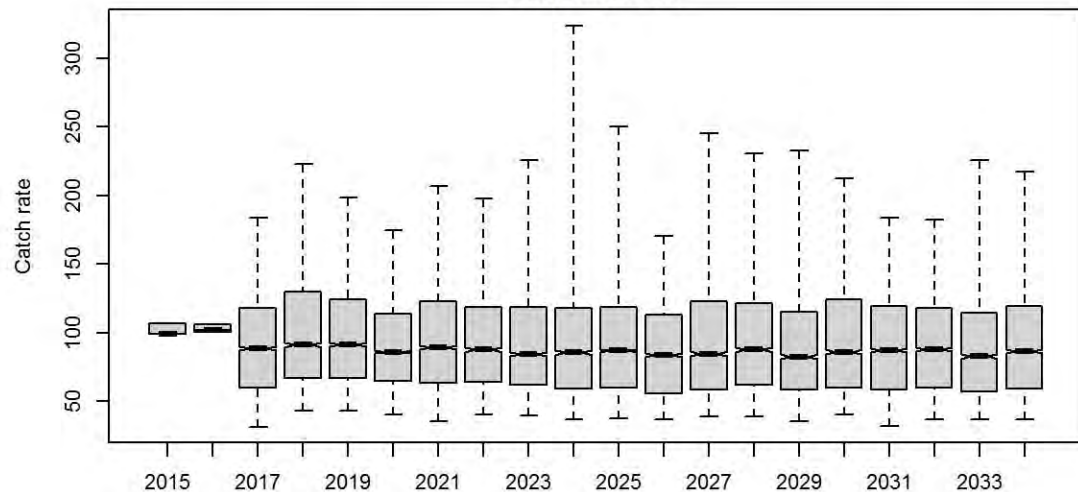
F.mal



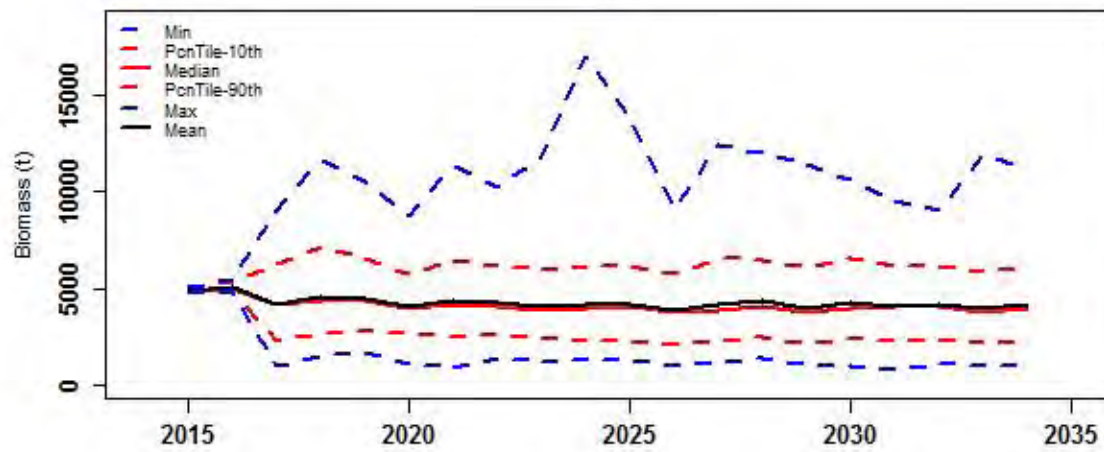
ActICPUE.TIB



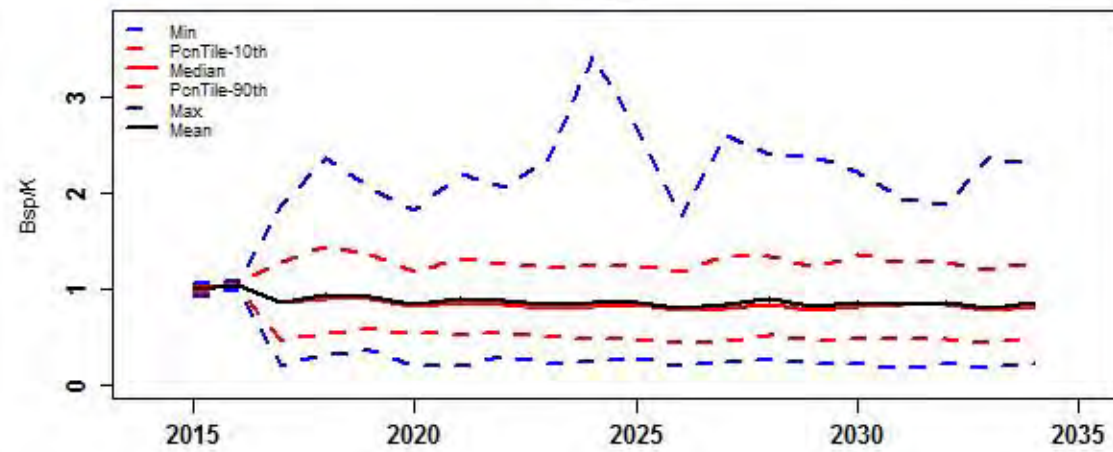
ActICPUE.TVH



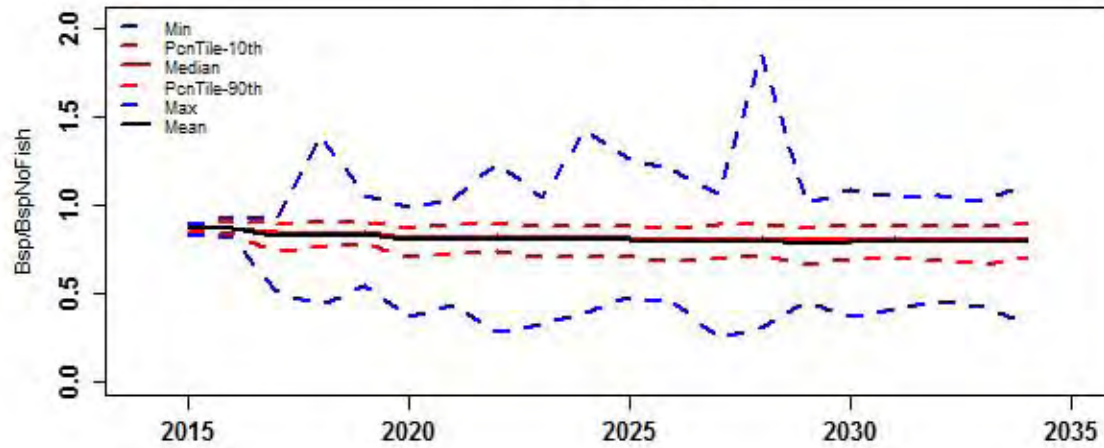
Bsp



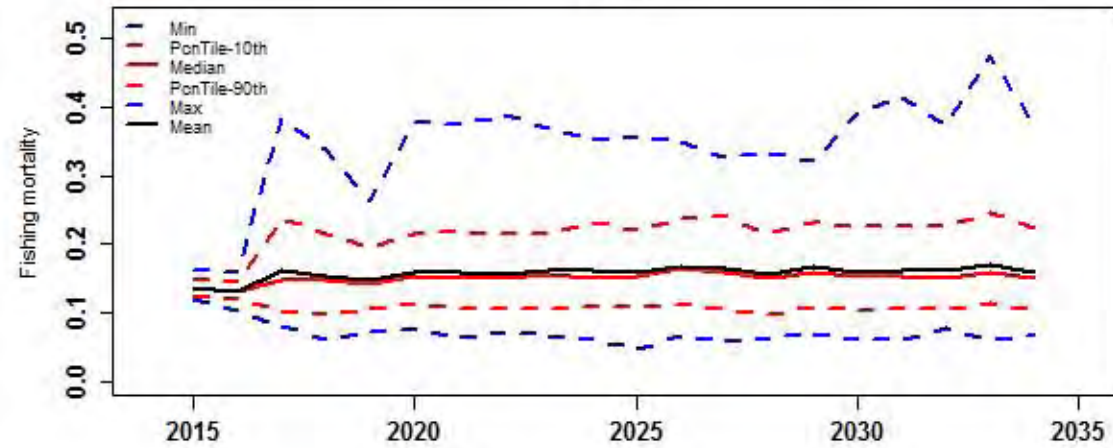
Bsp_K



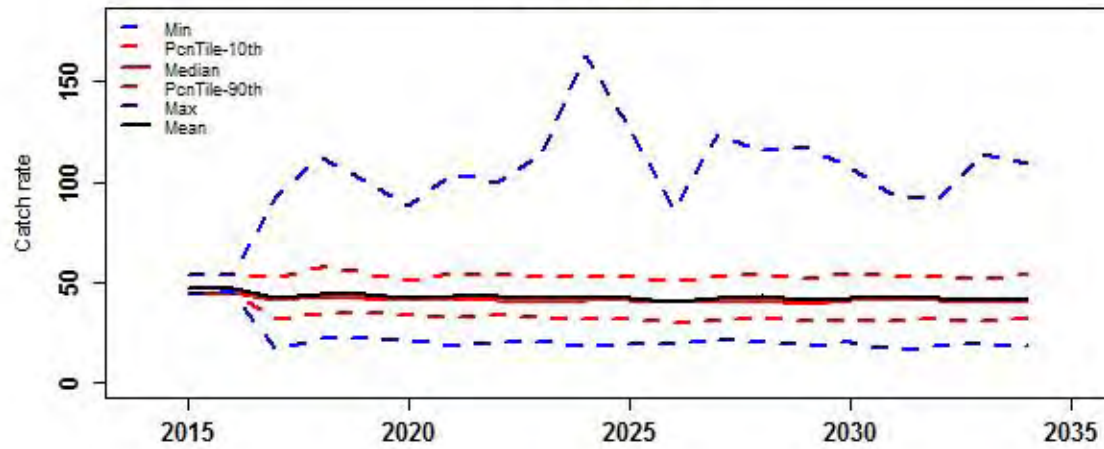
Bsp_BspNoFishing



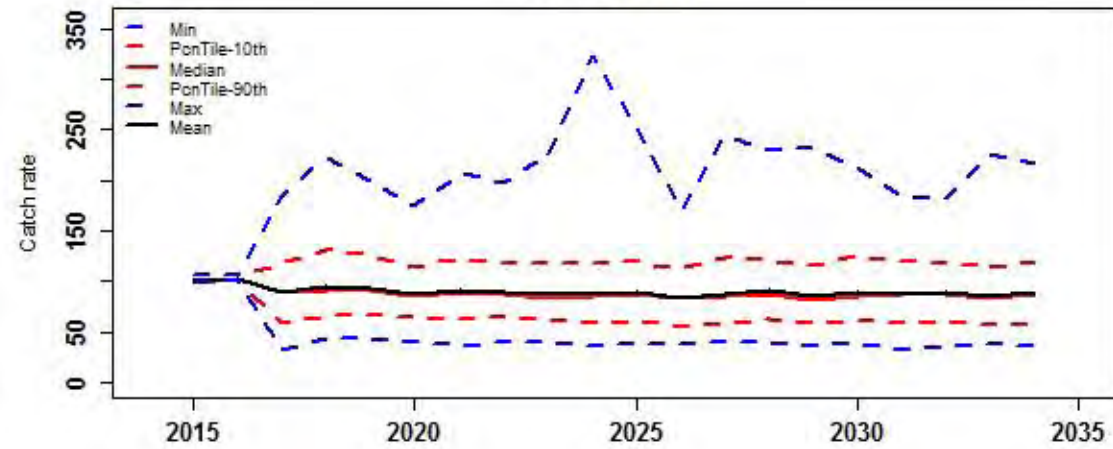
F.mal



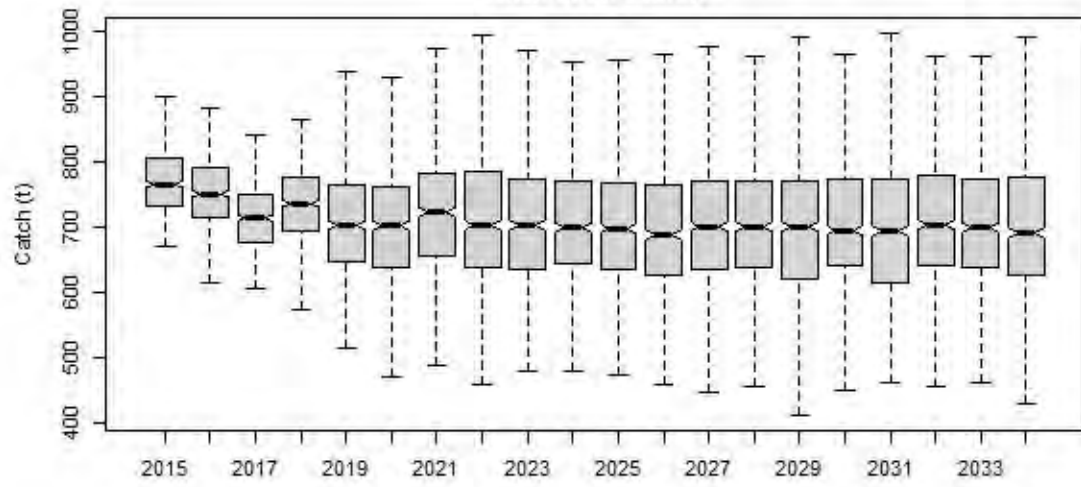
ActlCPUE.TIB



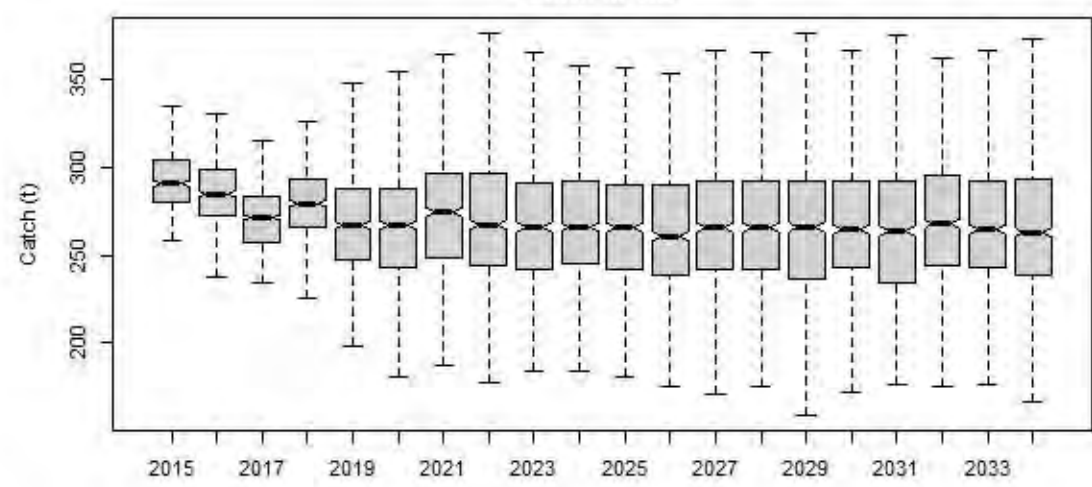
ActlCPUE.TVH



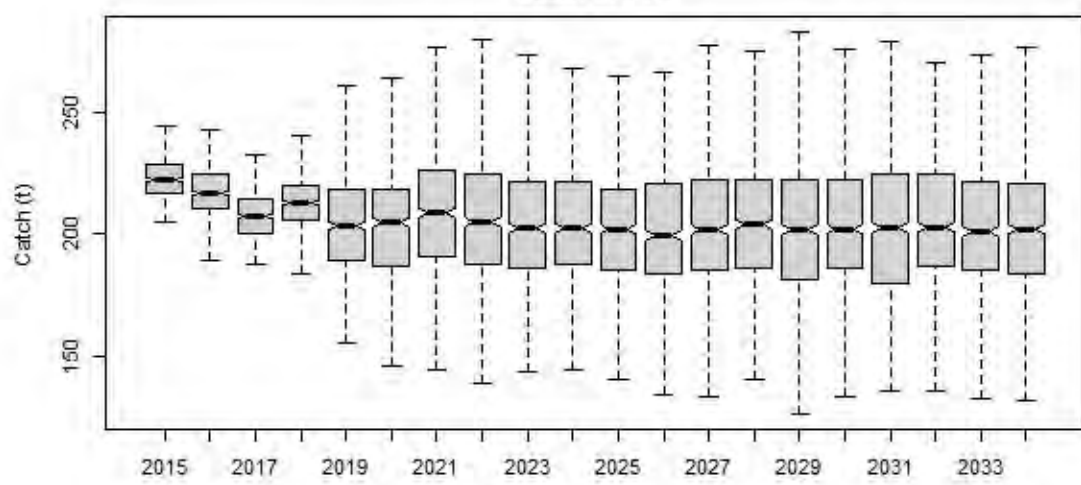
Catch of all sectors



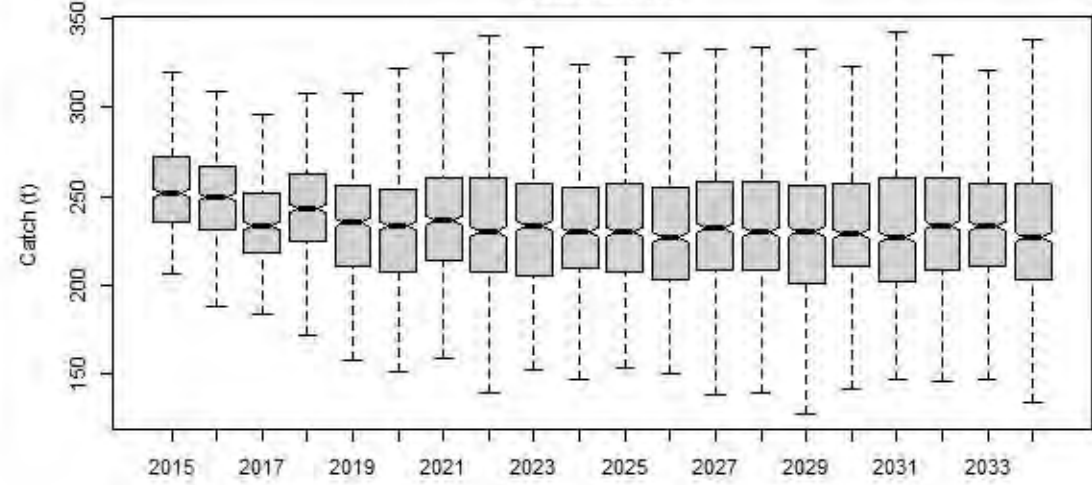
Catch of TIB



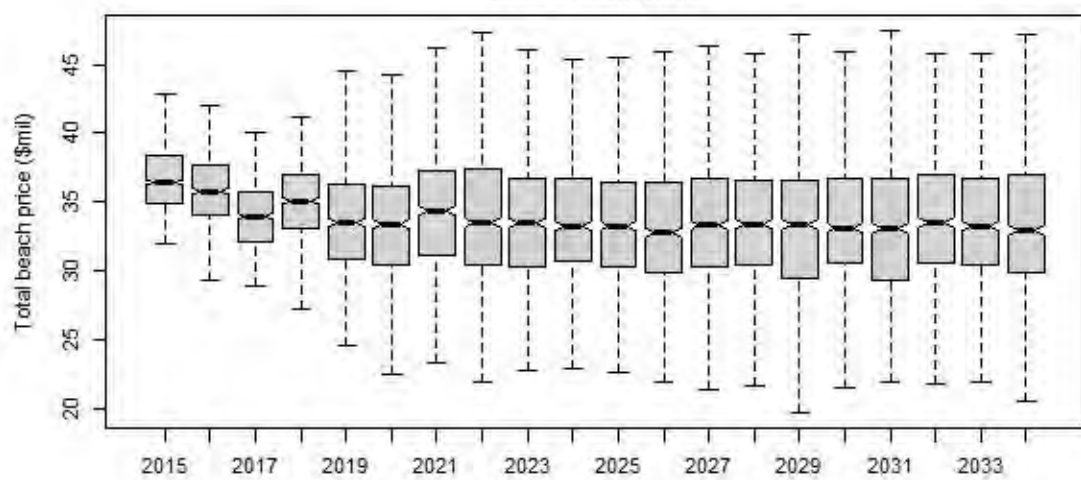
Catch of TVH



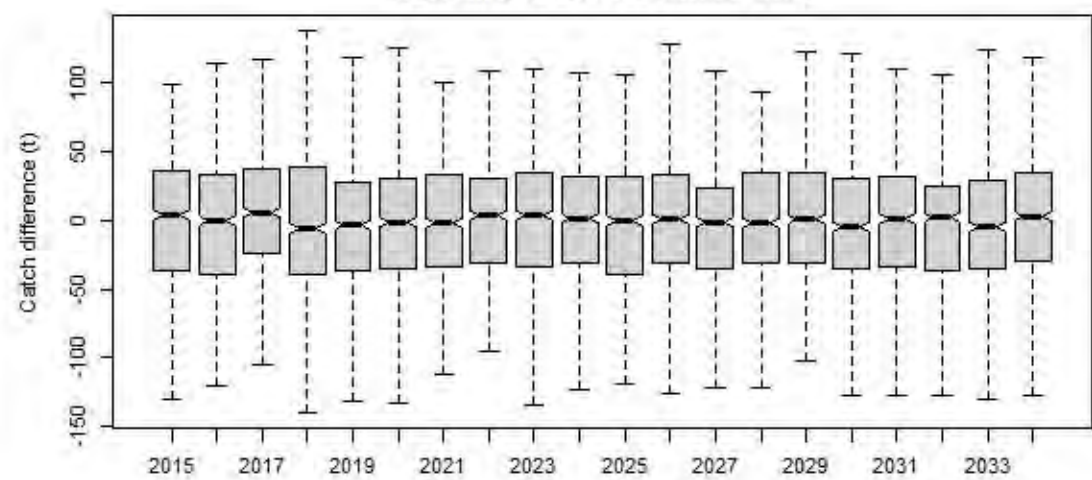
Catch of PNG



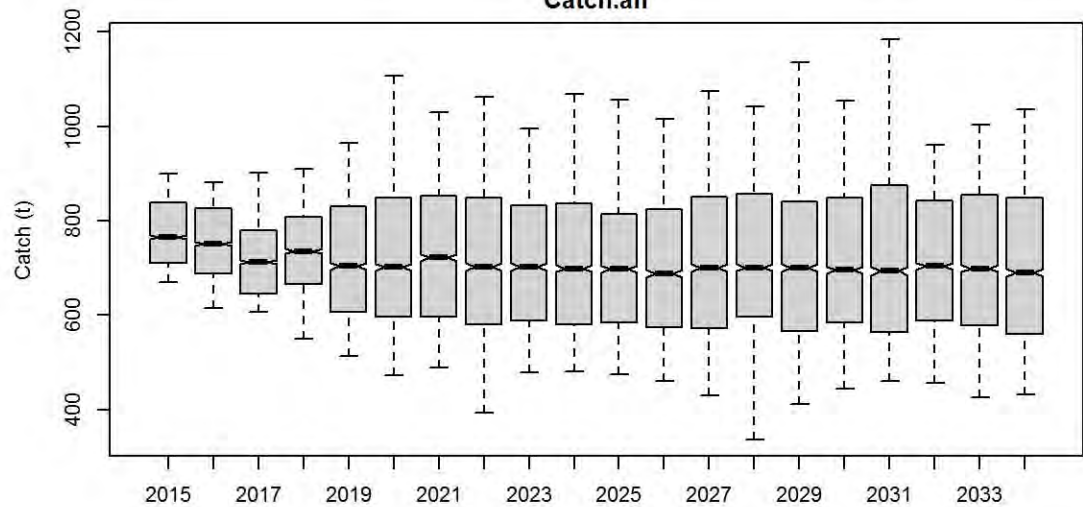
Total beach price



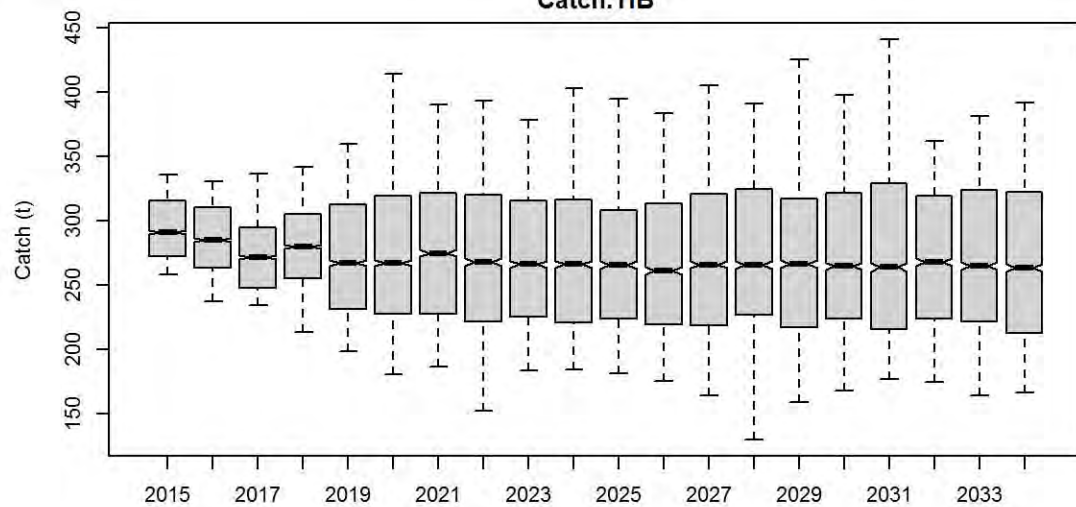
Difference of TAC and actual catch



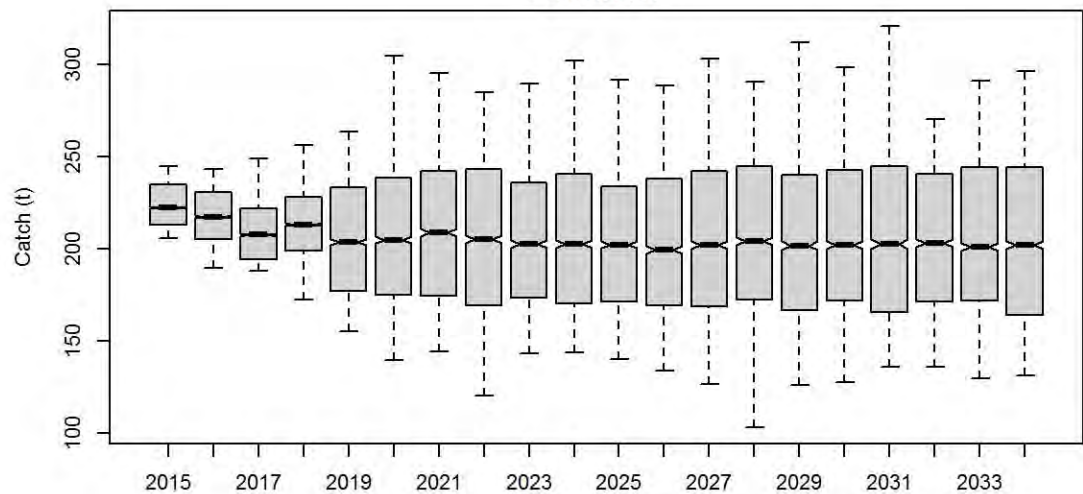
Catch.all



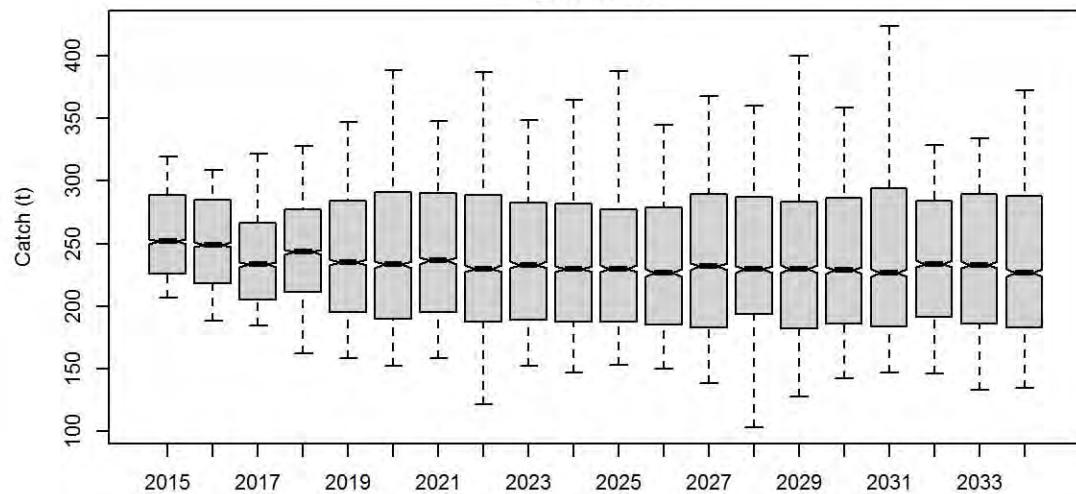
Catch.TIB



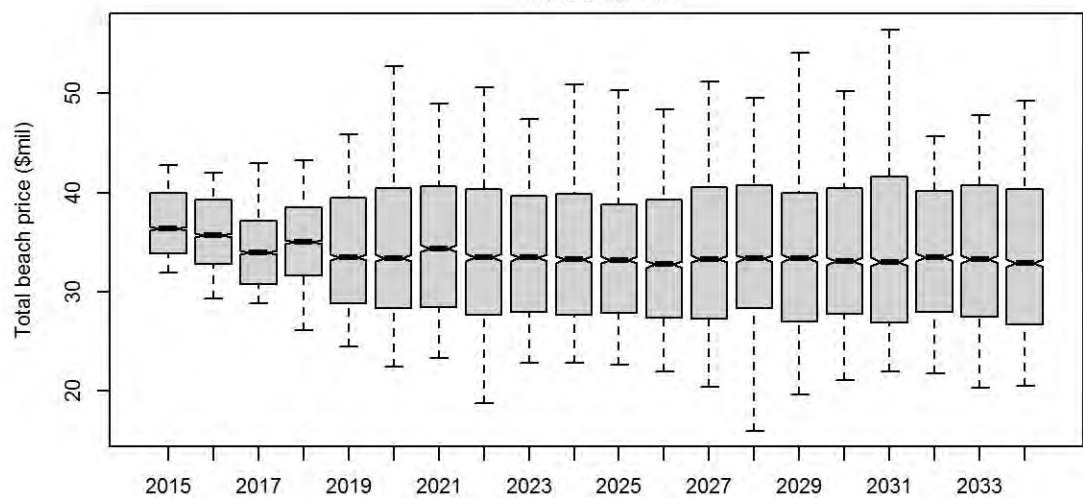
Catch.TVH



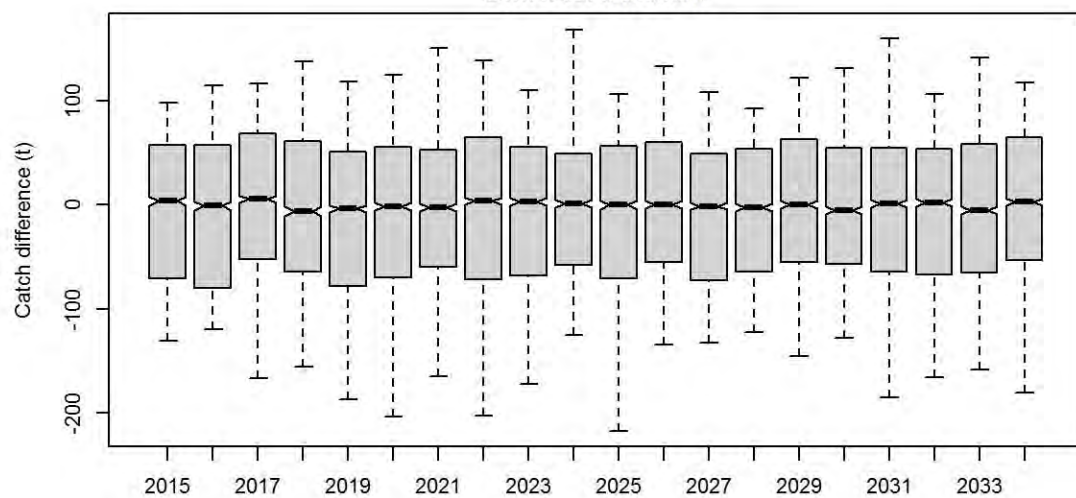
Catch.PNG



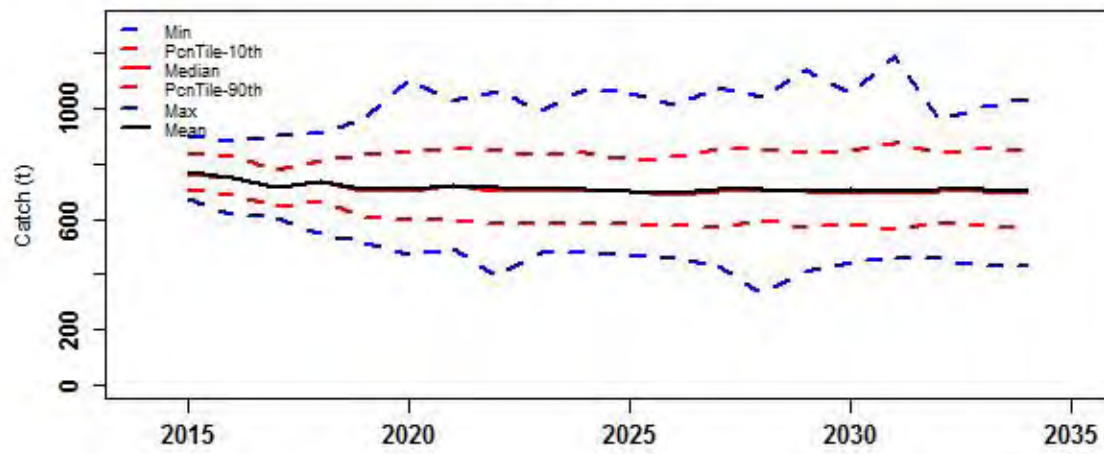
TotBeachPrice



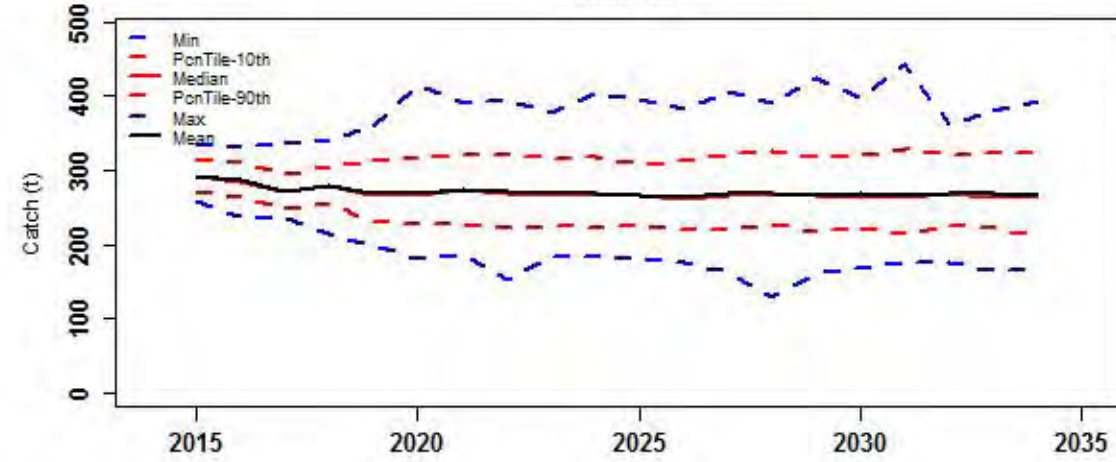
Diff.TAC.actlCatch



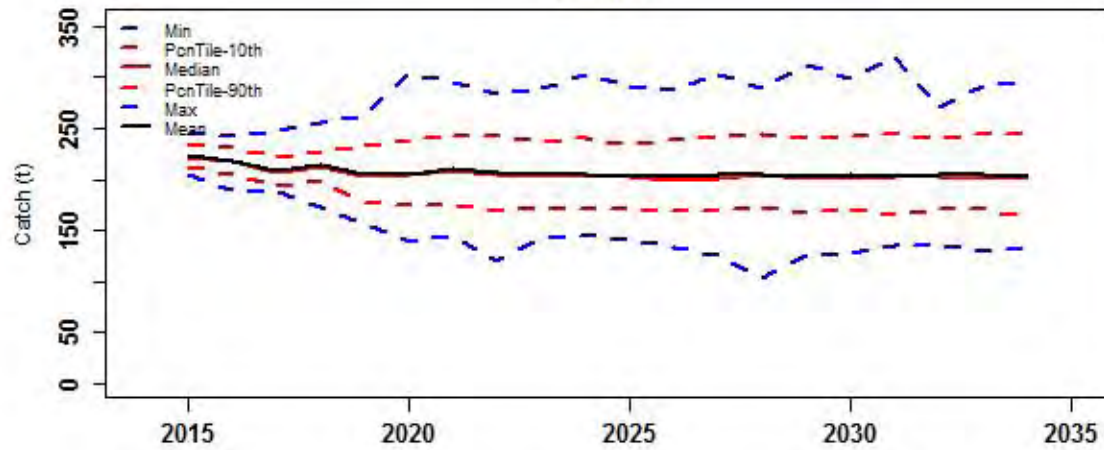
Catch.all



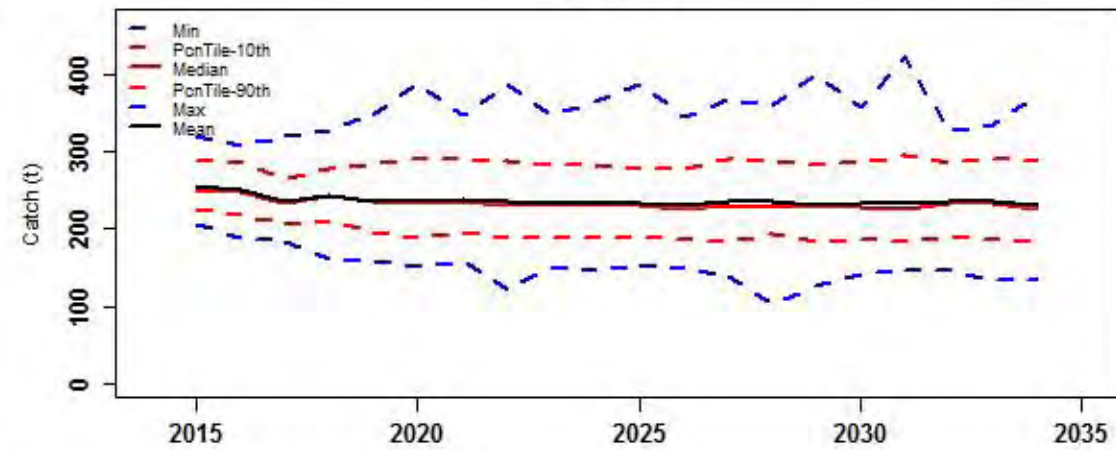
Catch.TIB



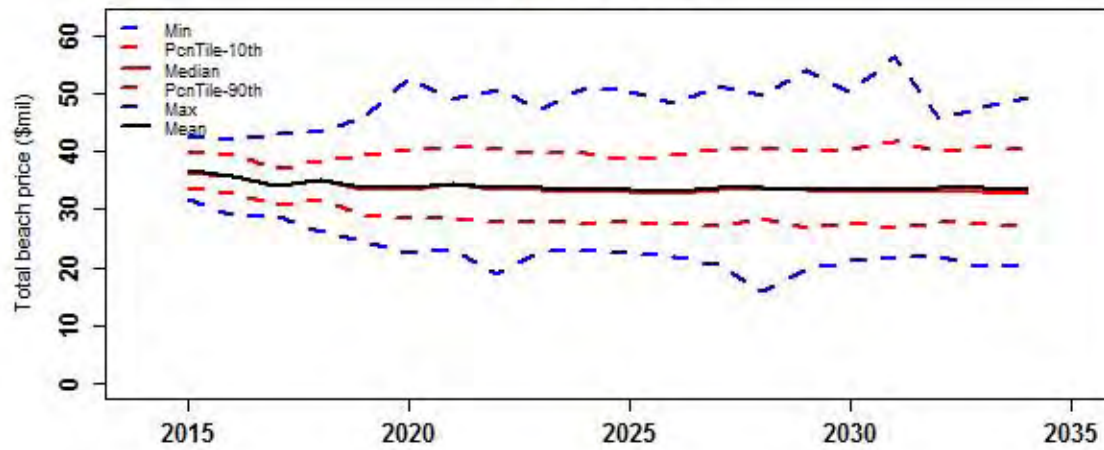
Catch.TVH



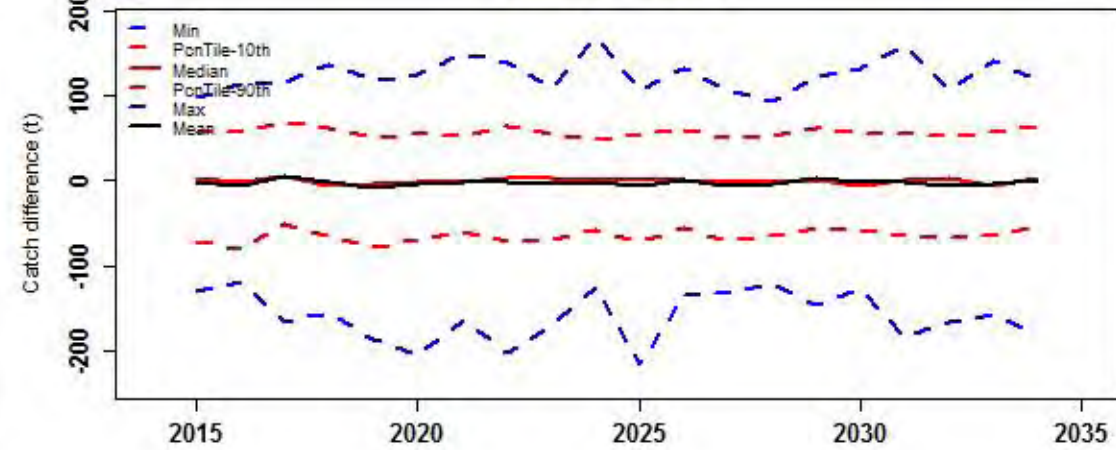
Catch.PNG



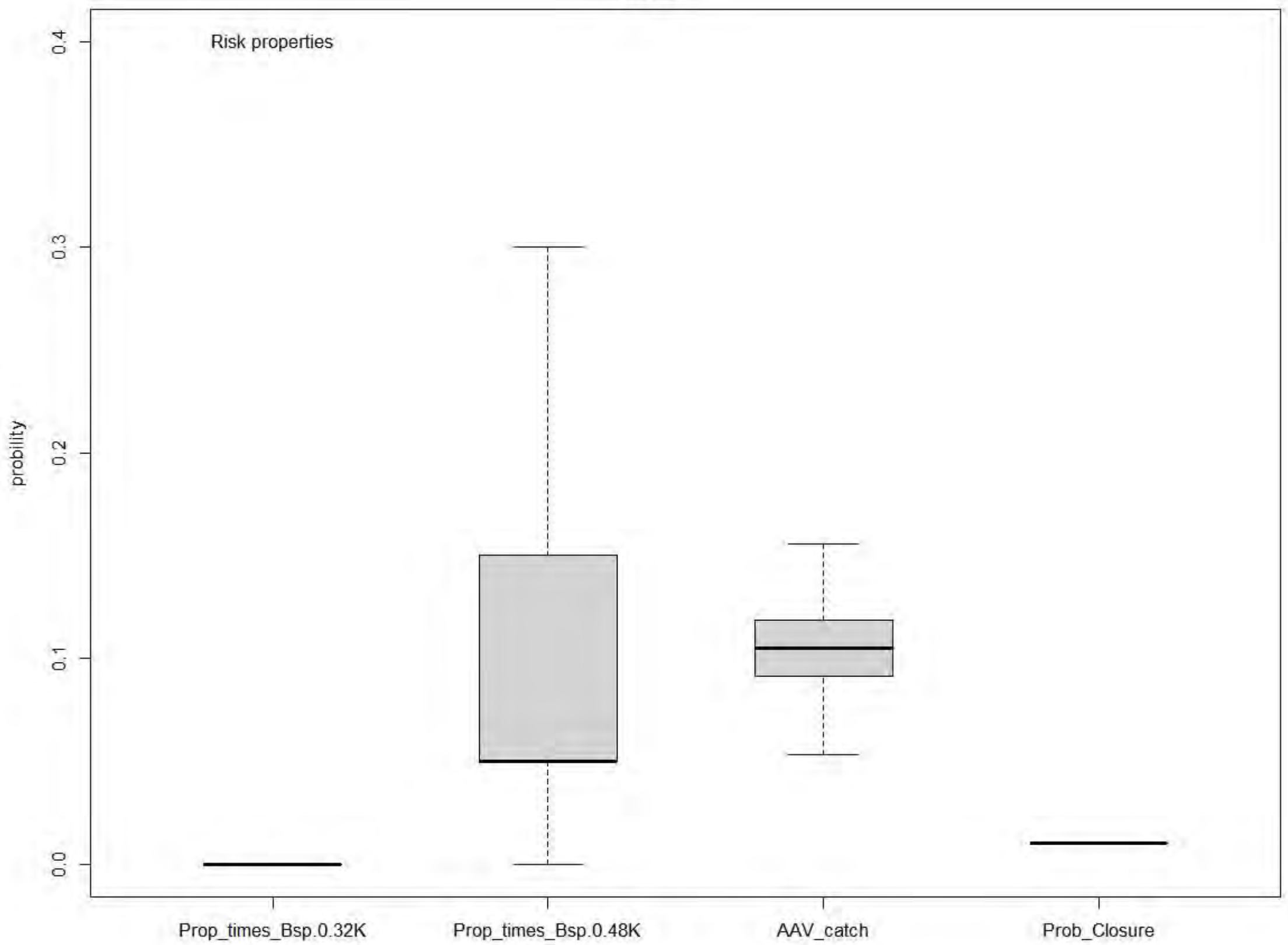
TotBeachPrice



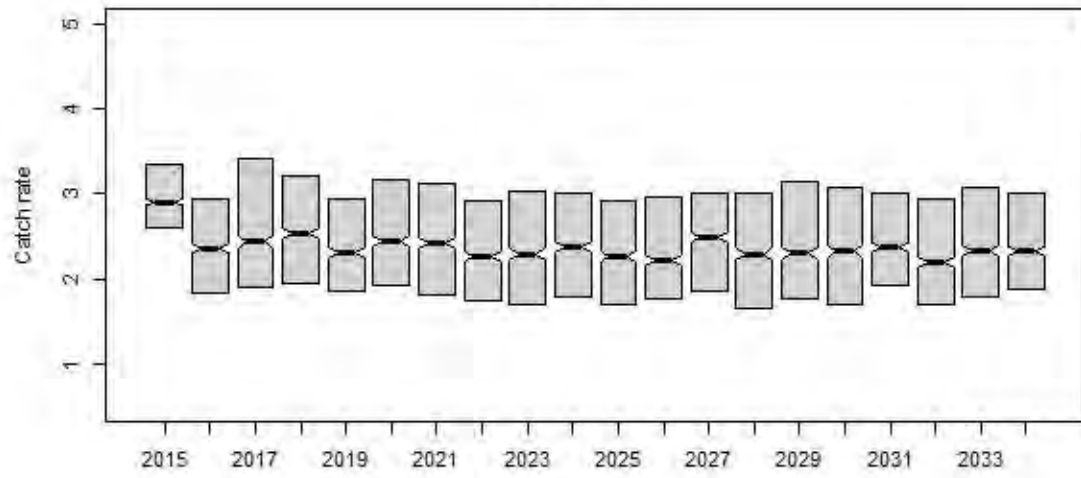
Diff.TAC.actlCatch



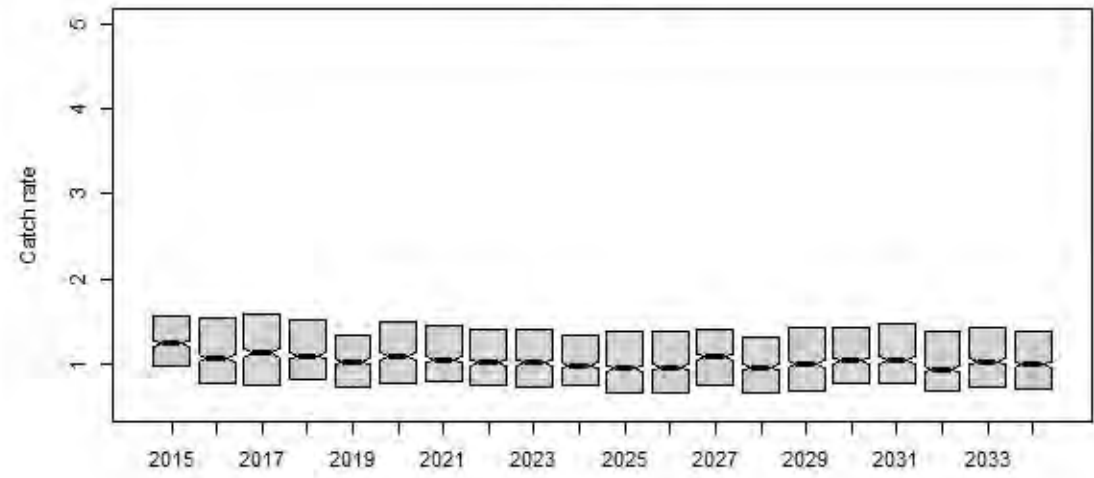
Risk properties



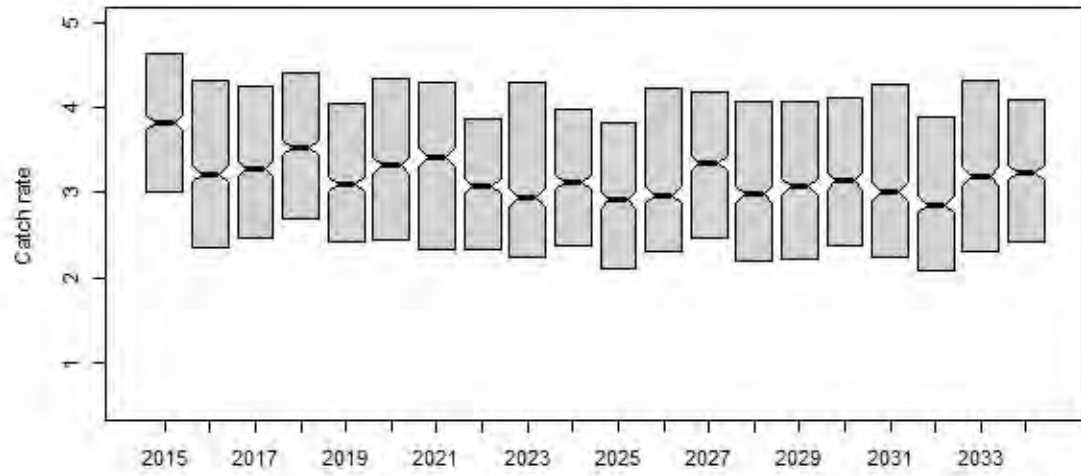
Preseas1



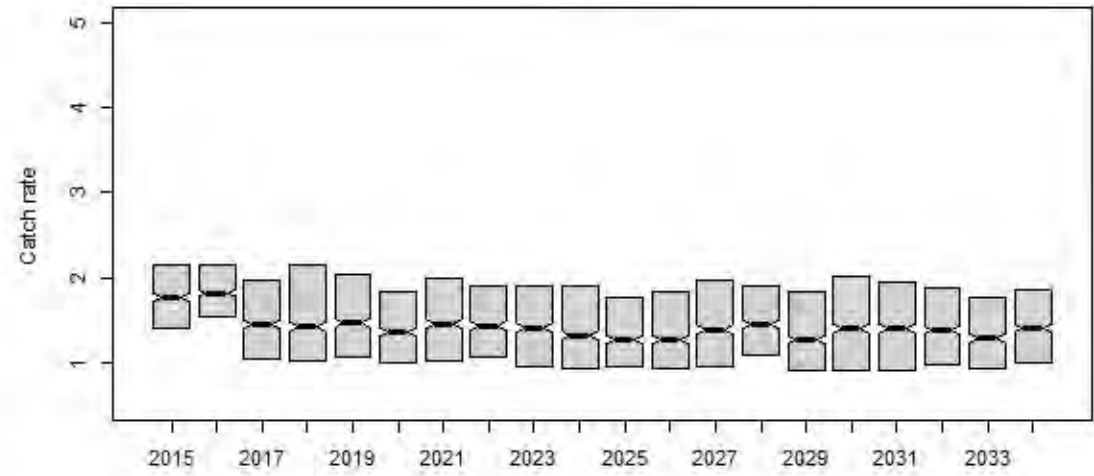
Preseas0



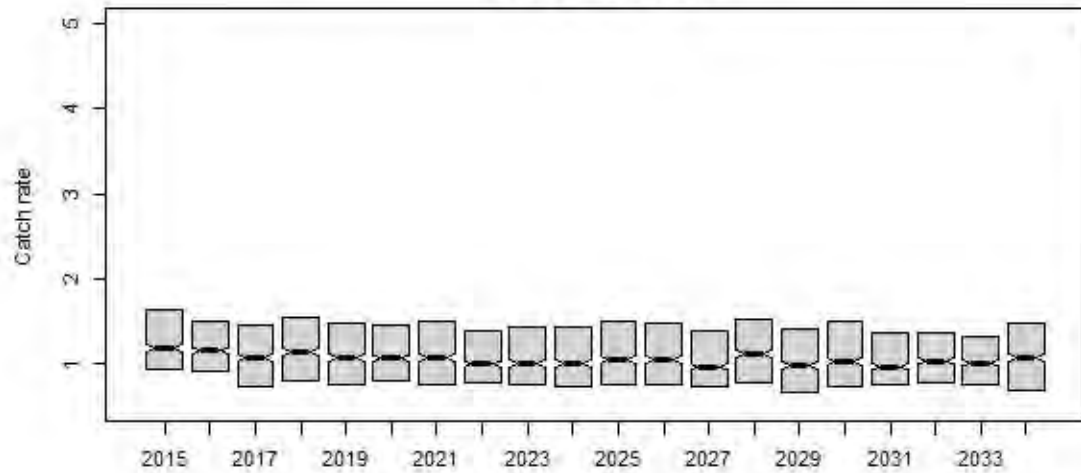
Midsurv1



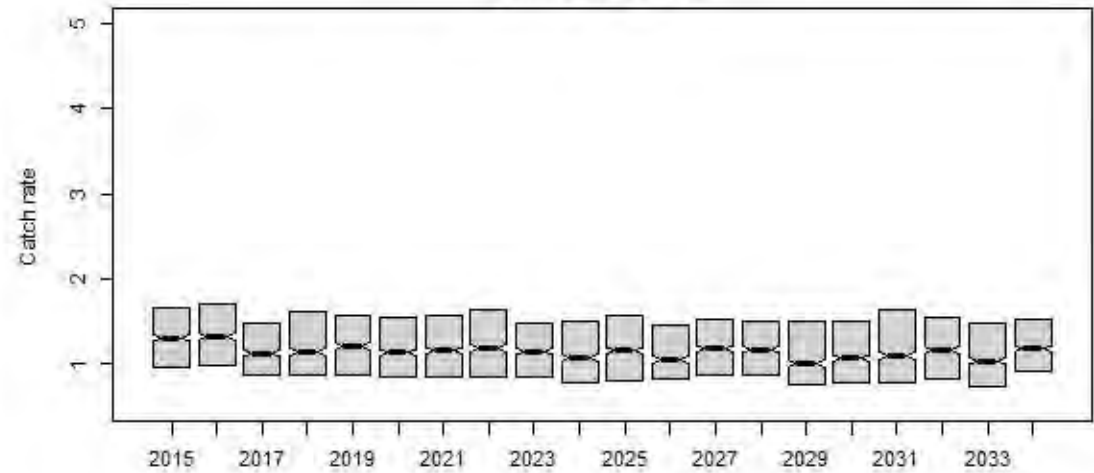
Midsurv2



Future_CPUE_TVH

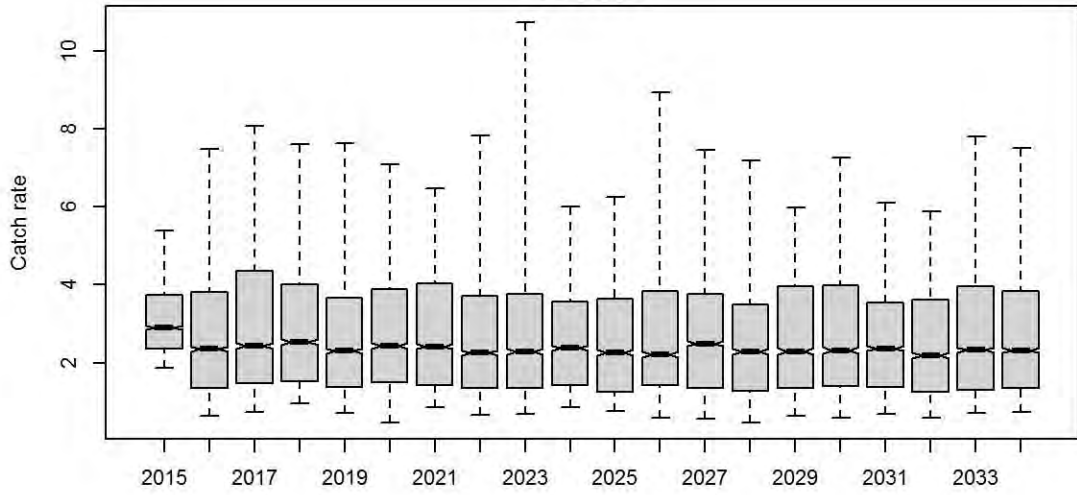


Future_CPUE_TIB

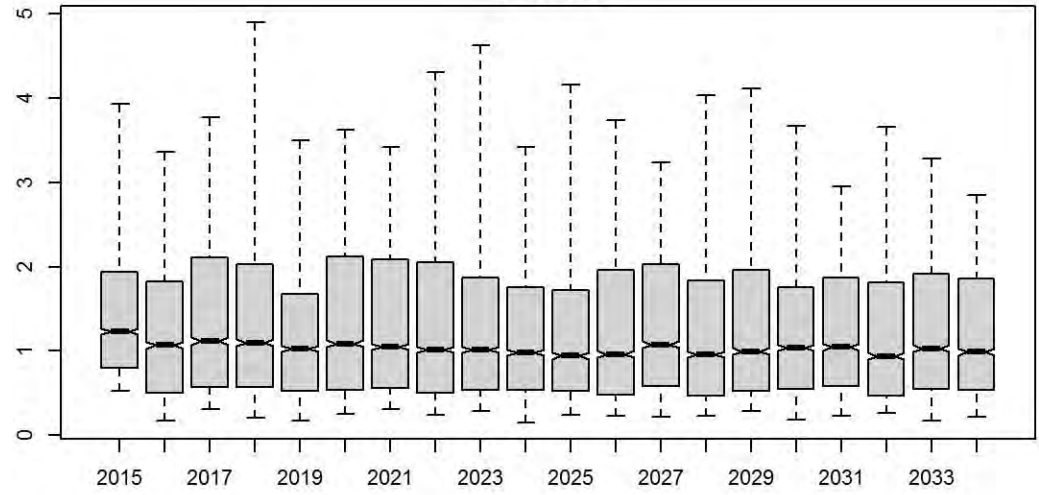


rHCR6

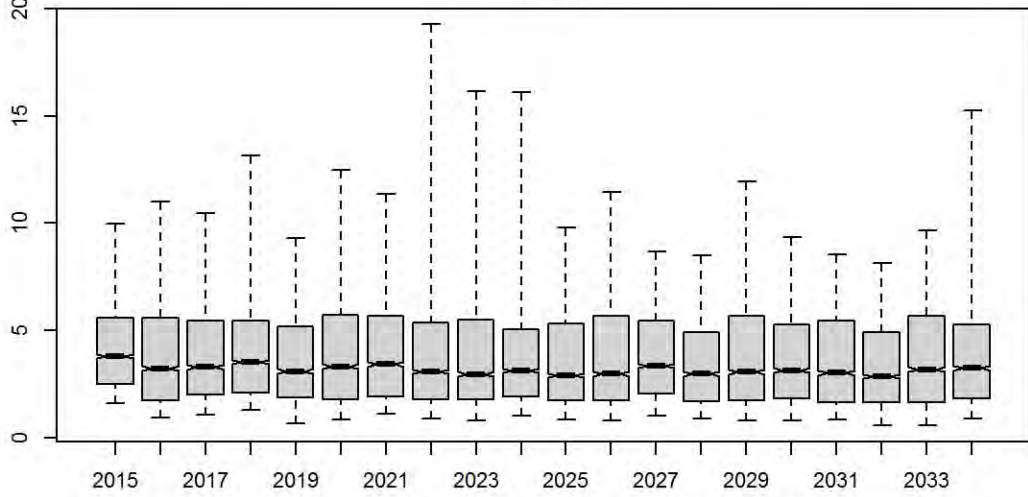
Preseas1



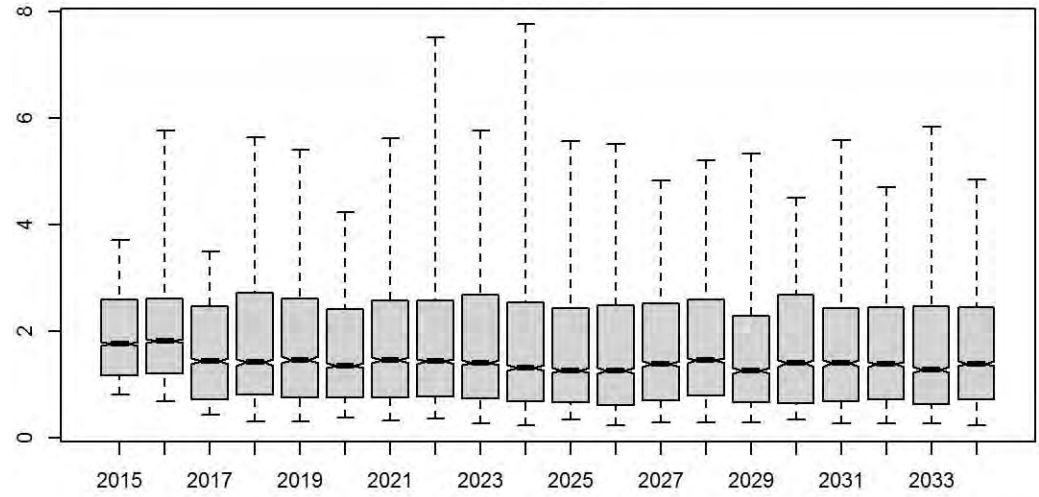
Preseas0



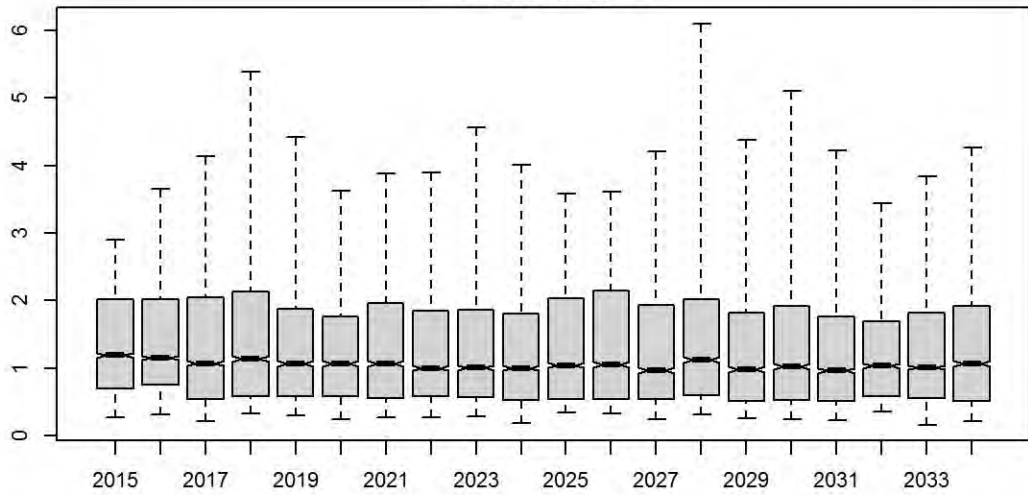
Midsurv1



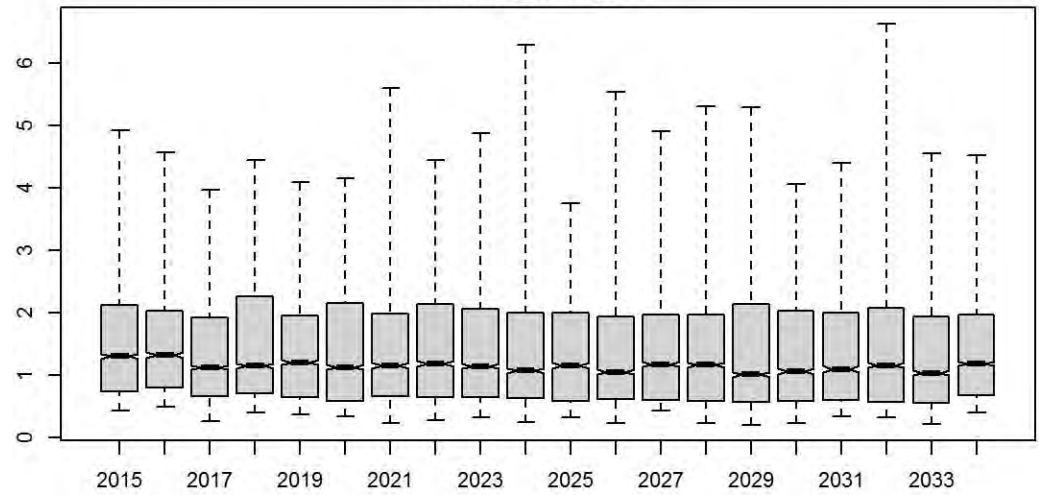
Midsurv2



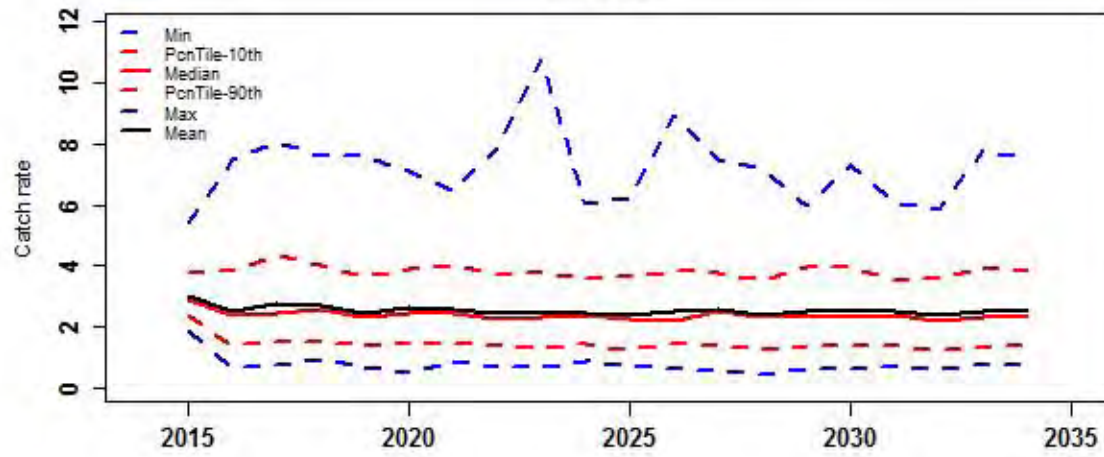
Future_CPUE_TVH



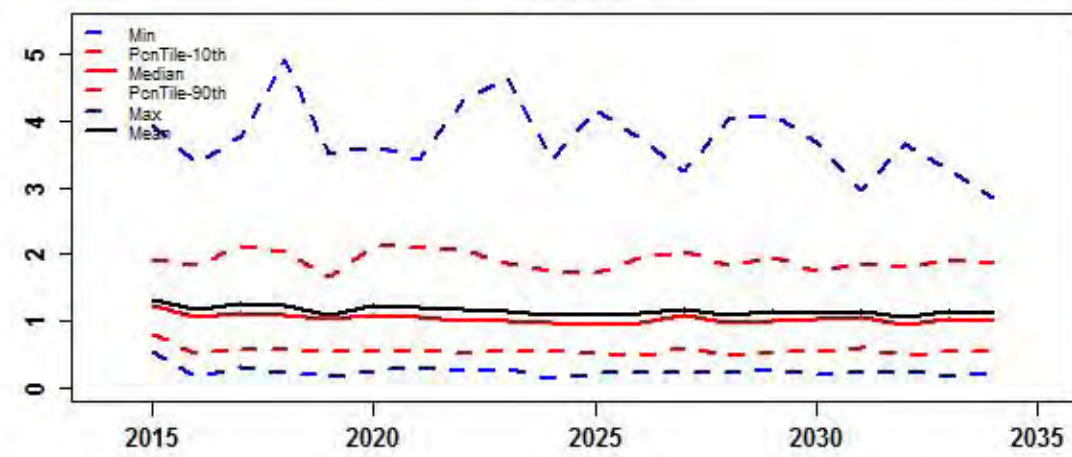
Future_CPUE_TIB



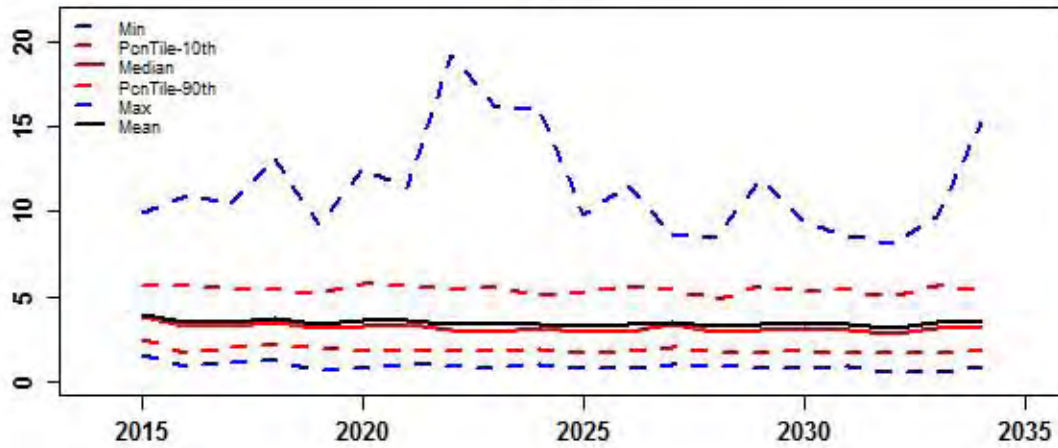
Preseas1



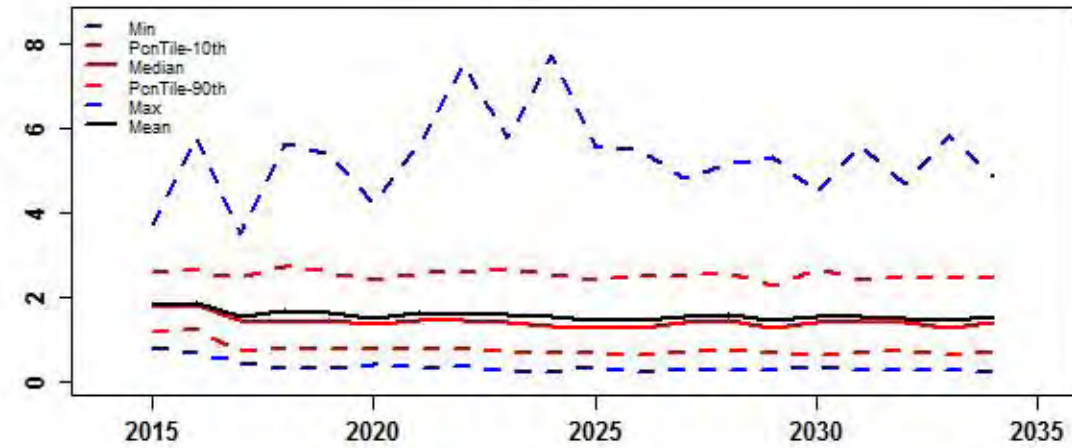
Preseas0



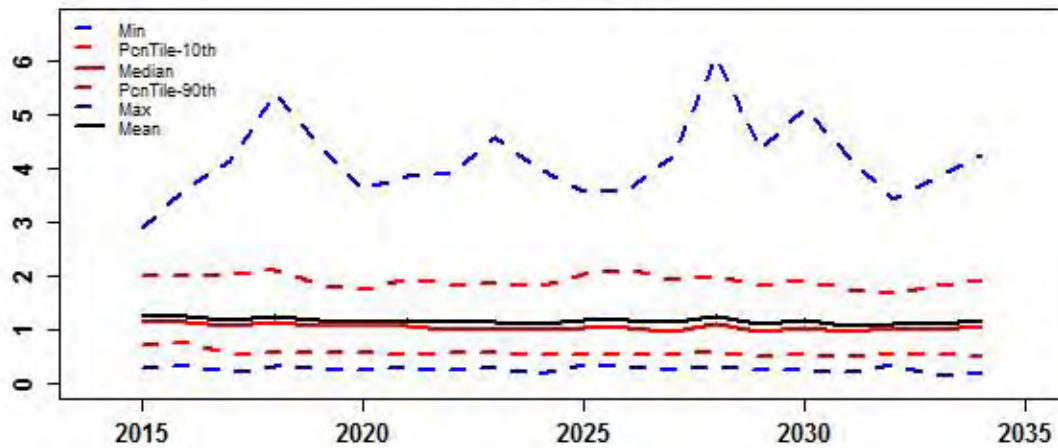
Midsurv1



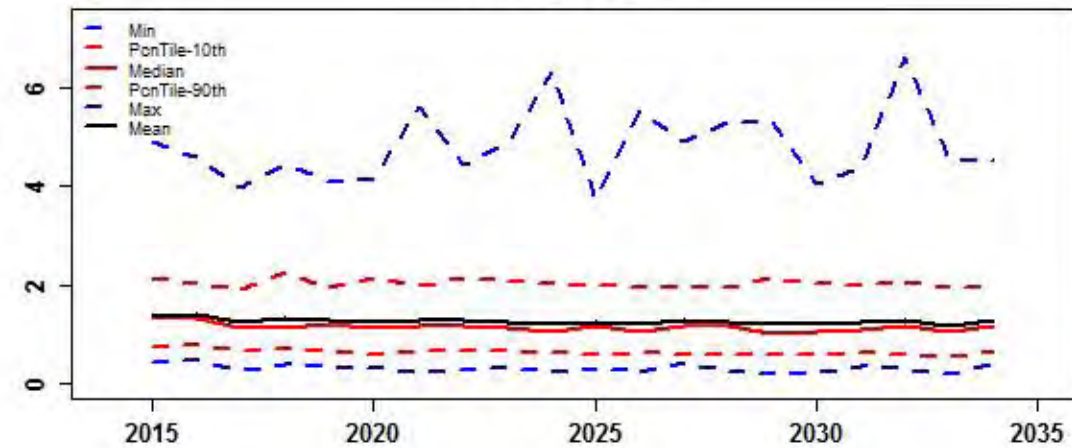
Midsurv2



Future_CPUE_TVH

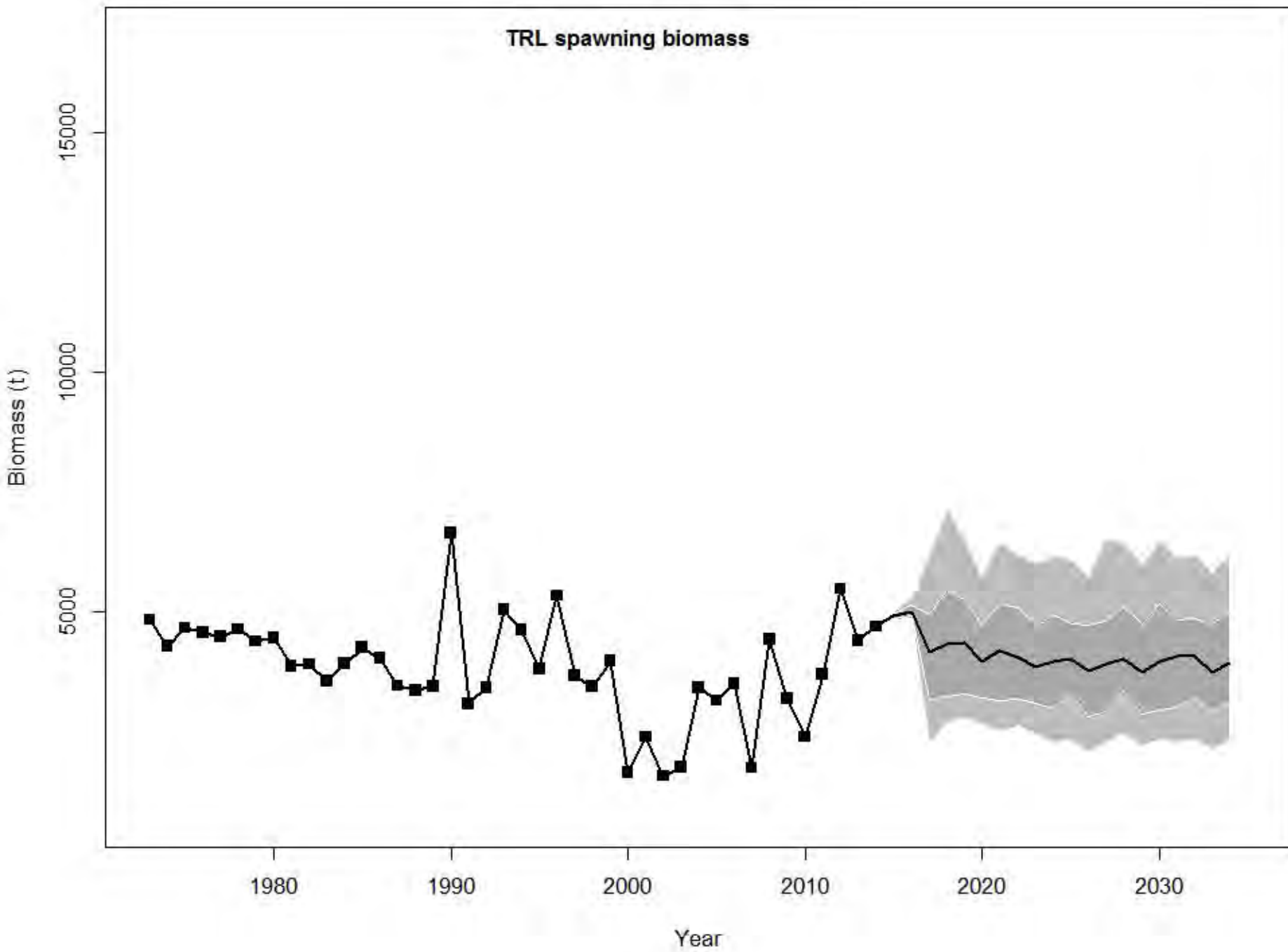


Future_CPUE_TIB

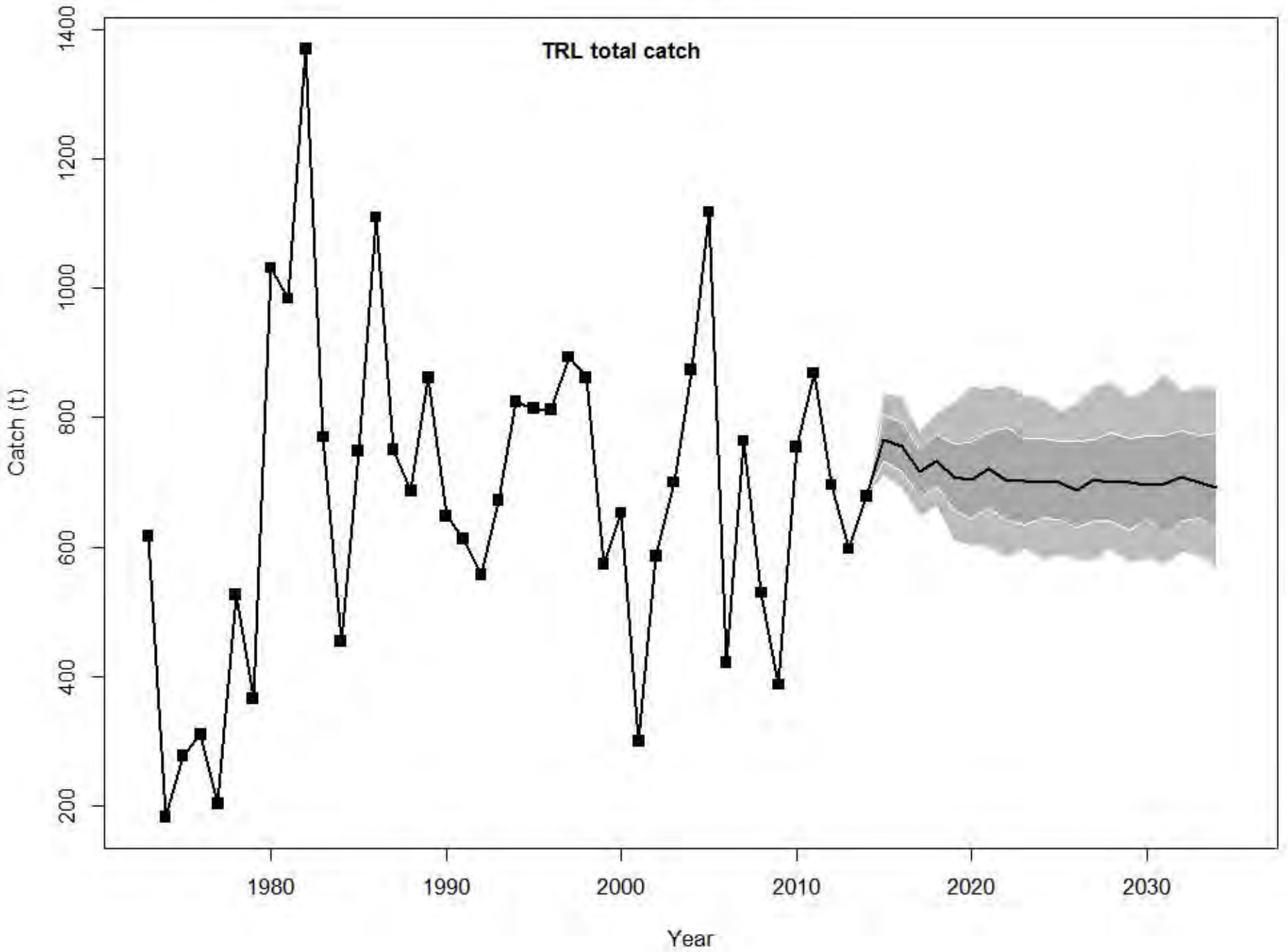


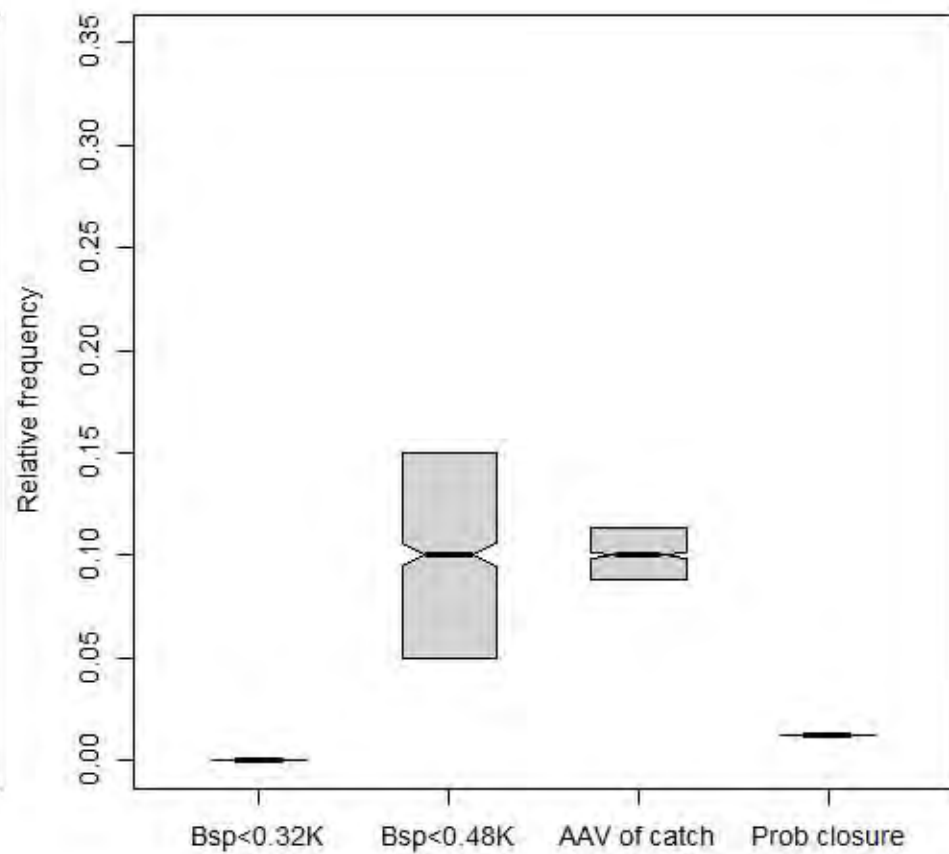
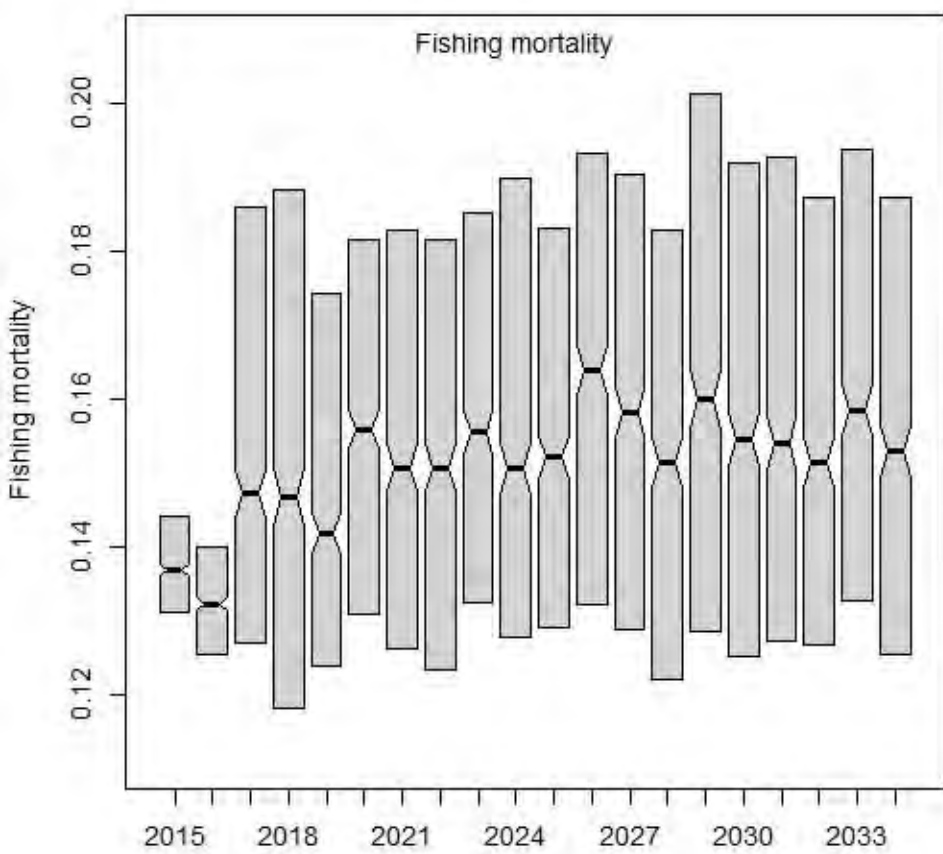
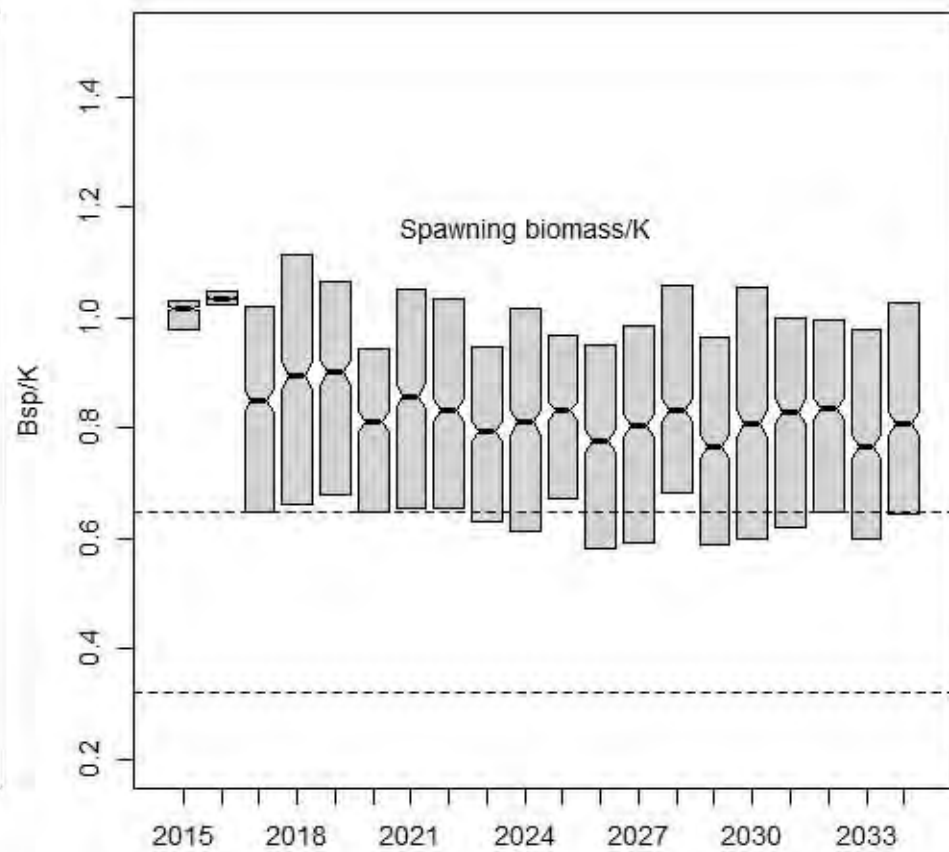
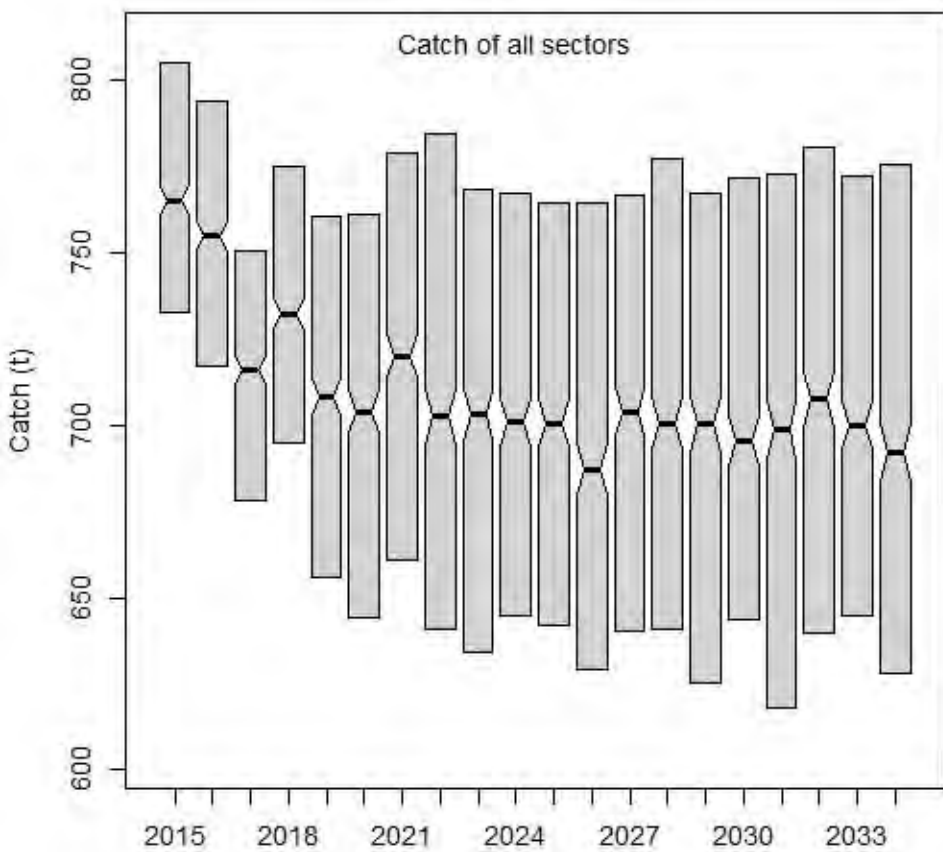
**HARVEST
CONTROL
RULE
SCENARIO 7**

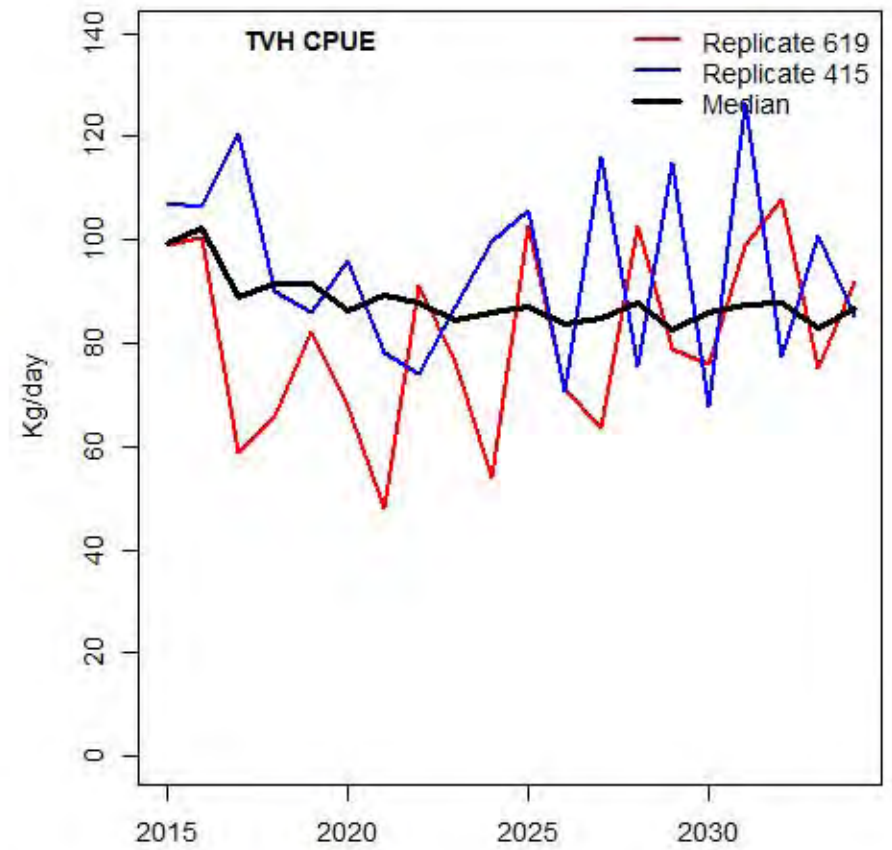
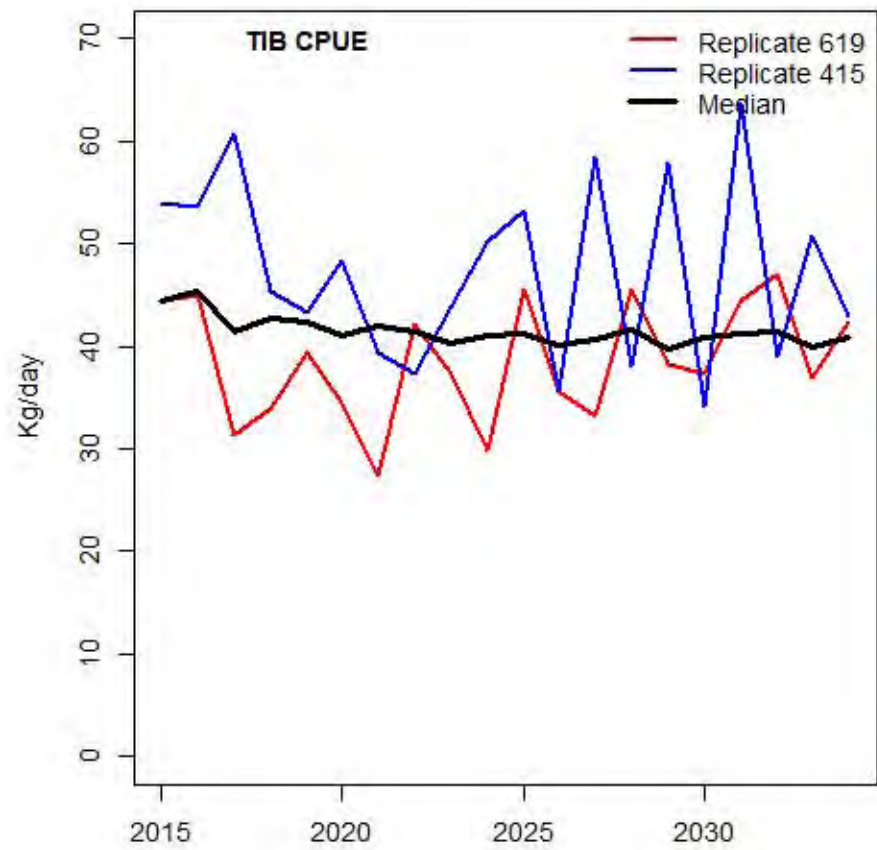
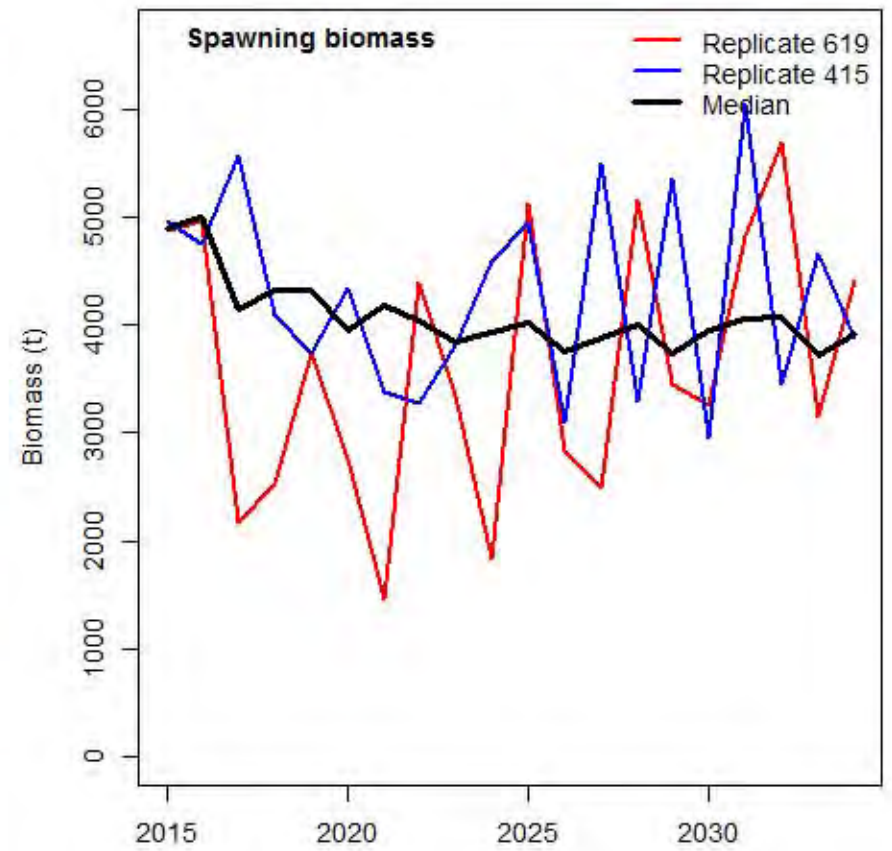
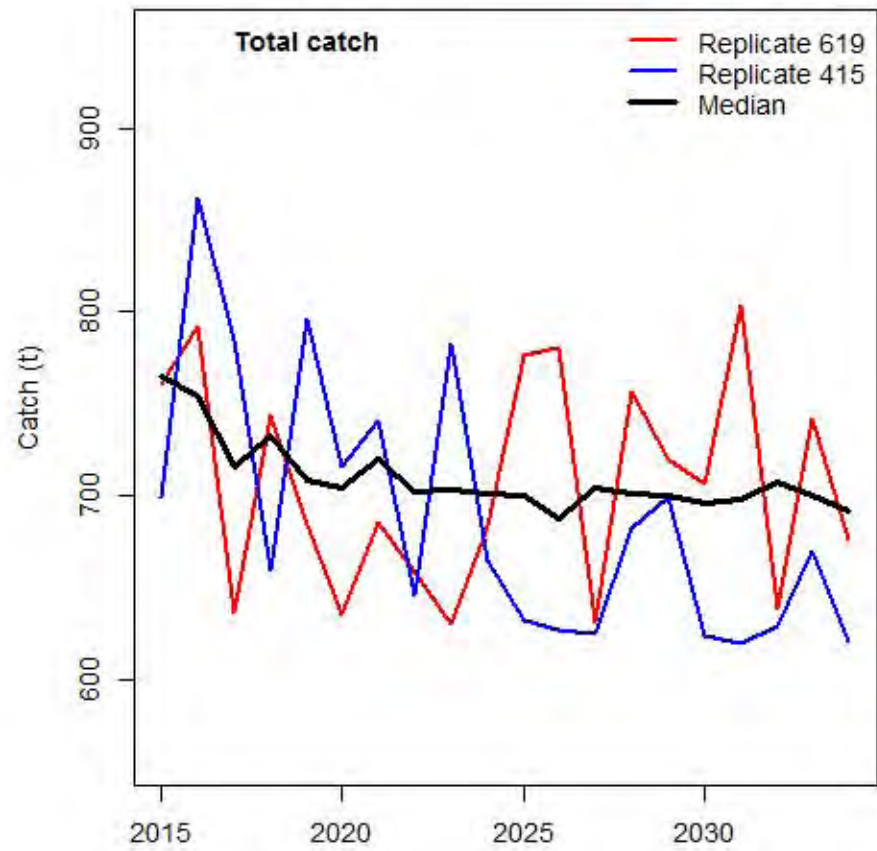
rHCR7



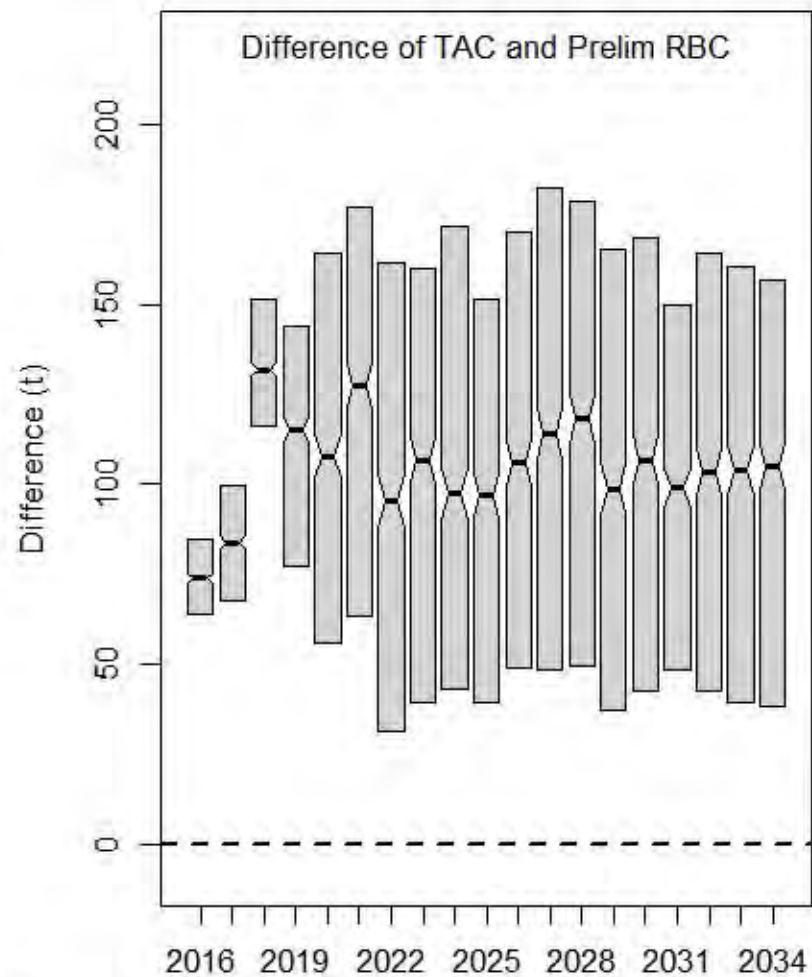
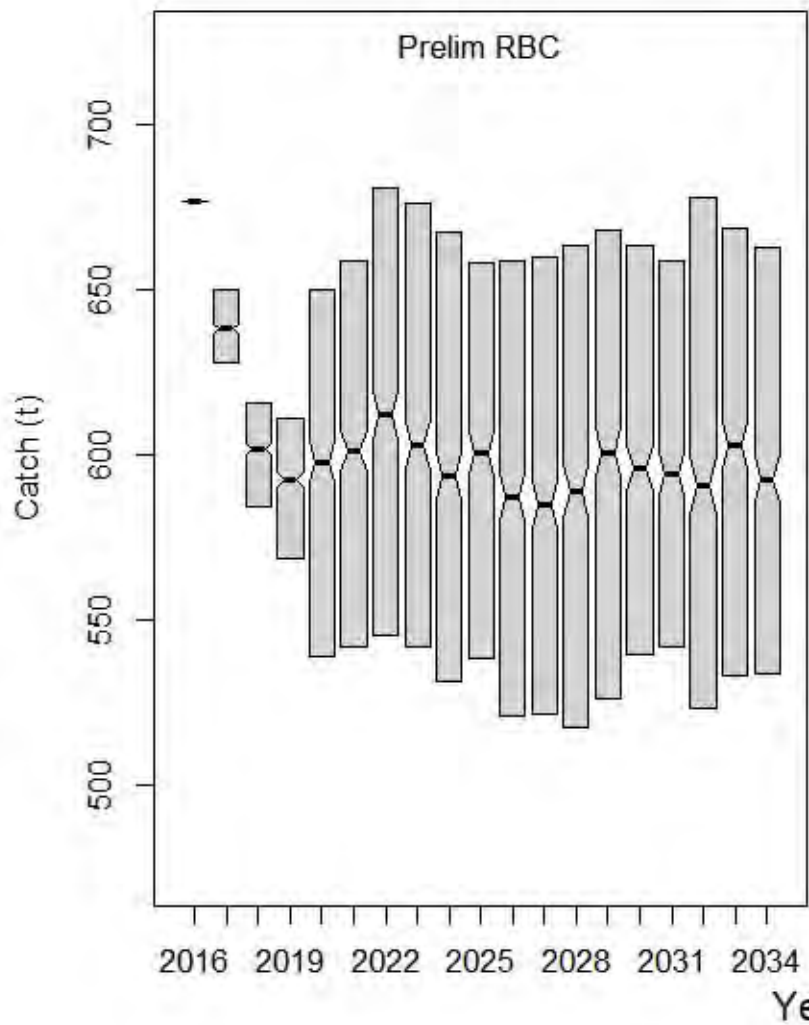
rHCR7



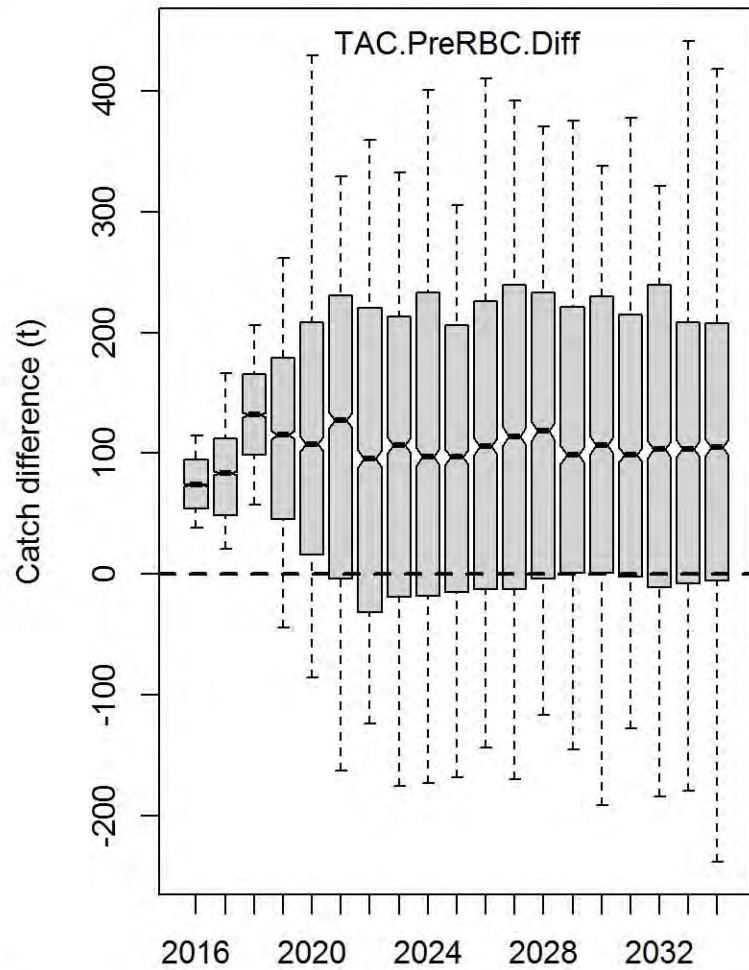
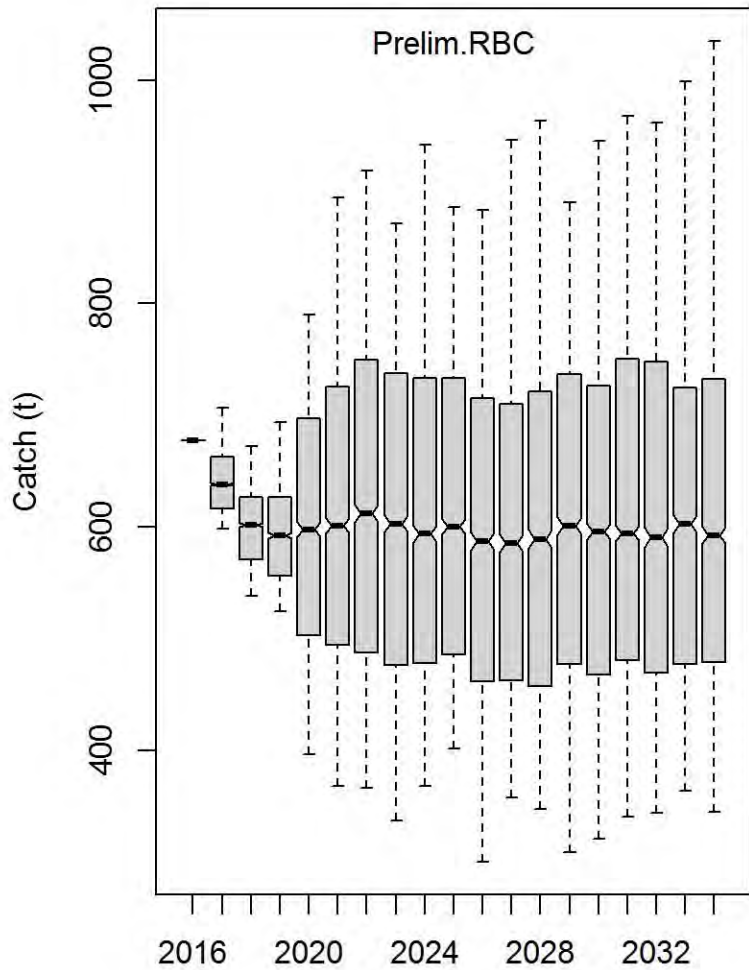




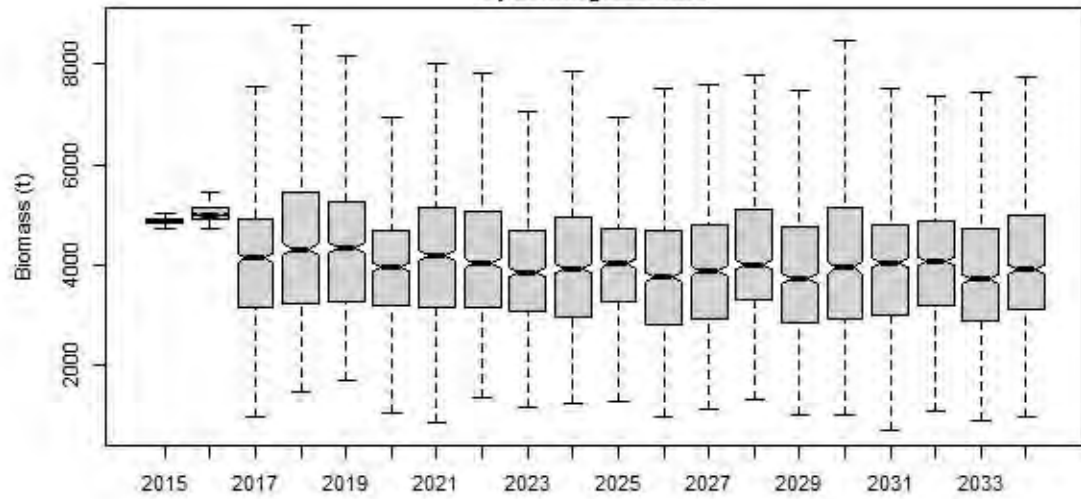
rHCR7



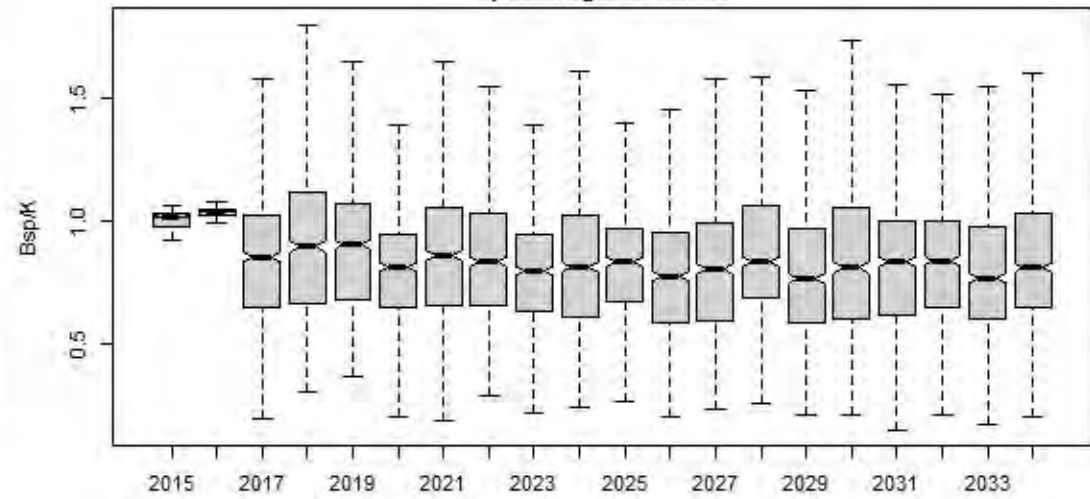
rHCR7



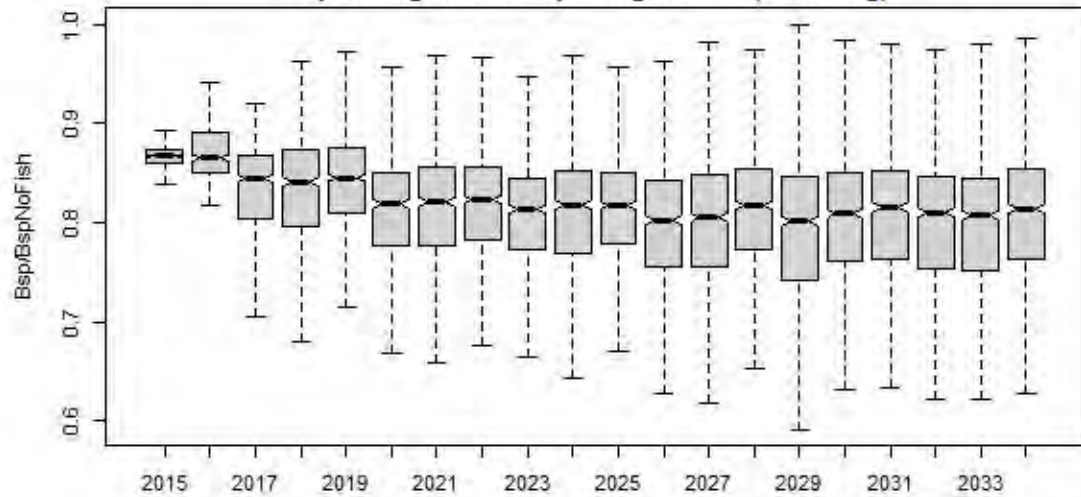
Spawning biomass



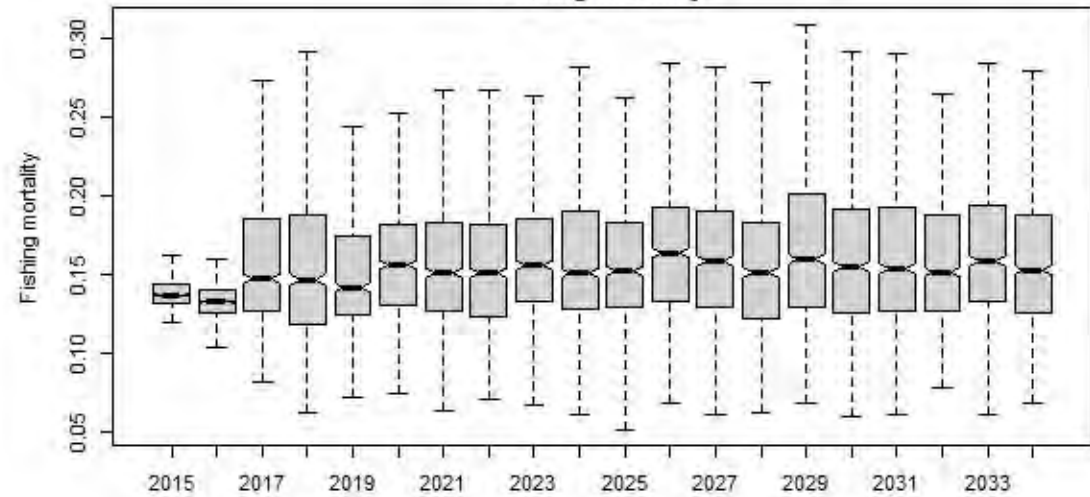
Spawning biomass/K



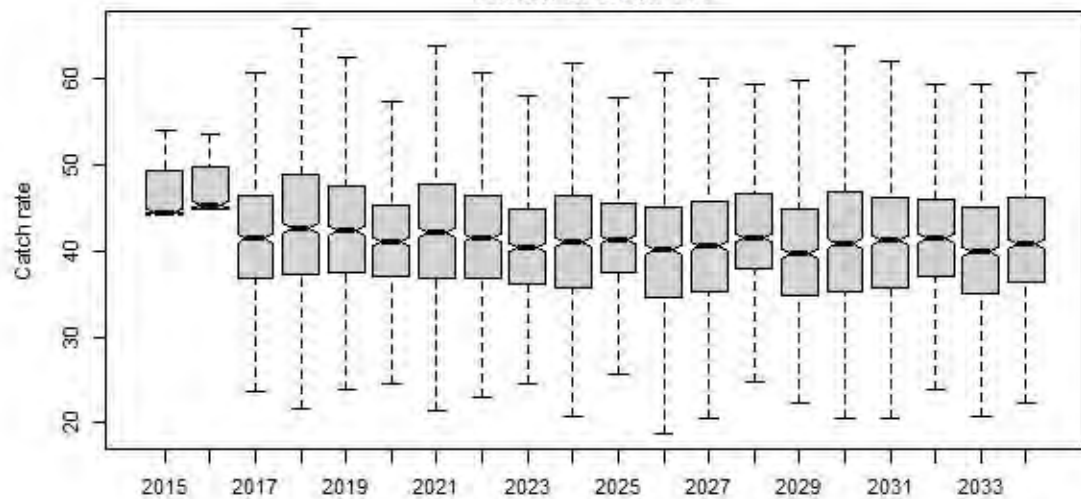
Spawning biomass/Spawning biomass(no fishing)



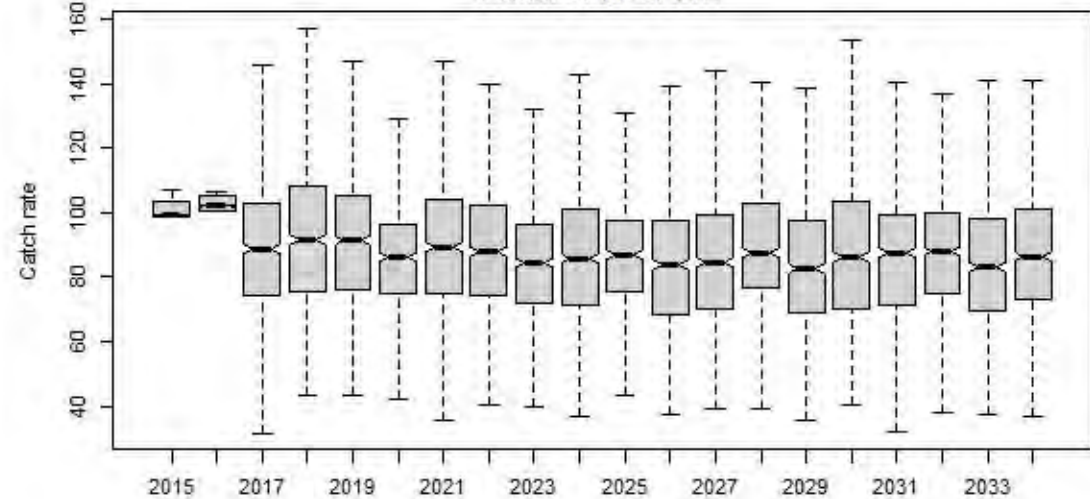
Fishing mortality



Actual CPUE of TIB

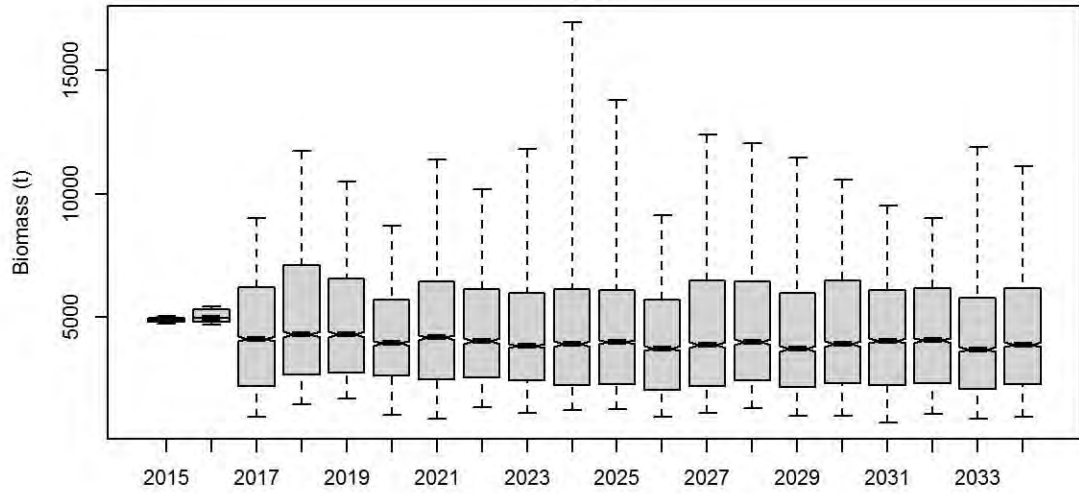


Actual CPUE of TVH

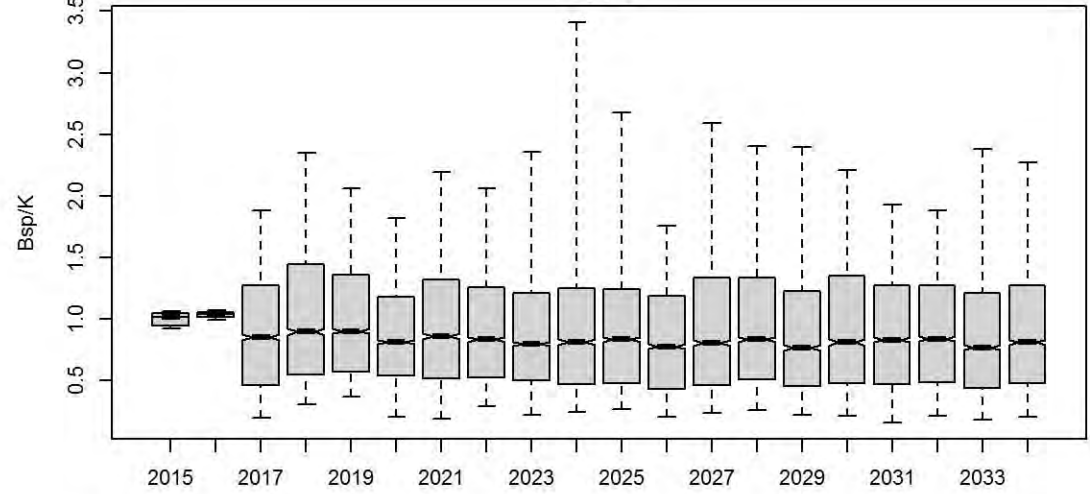


rHCR7

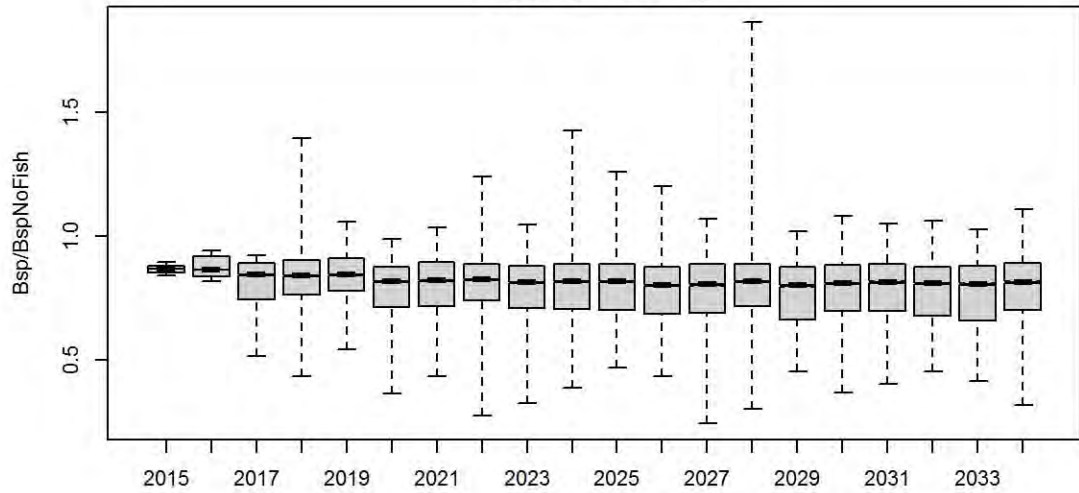
Bsp



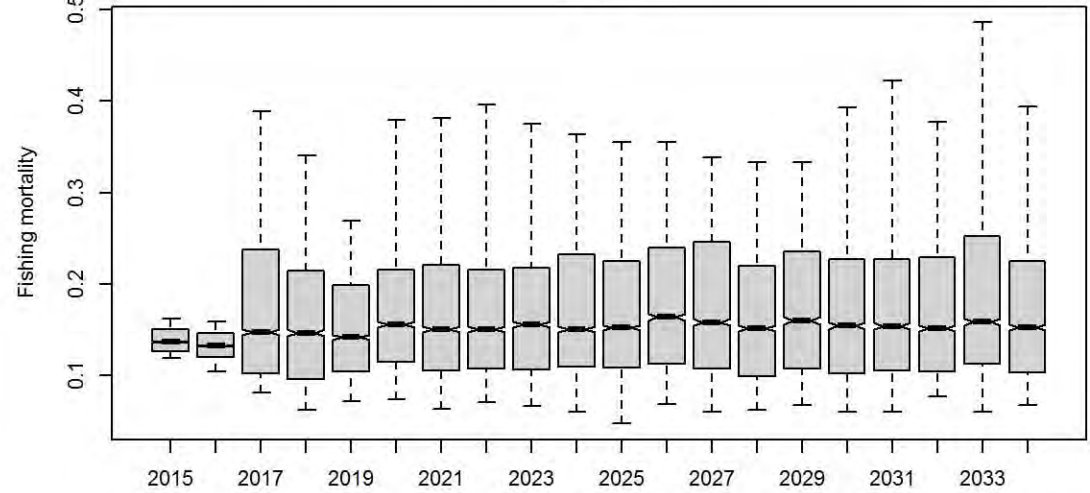
Bsp_K



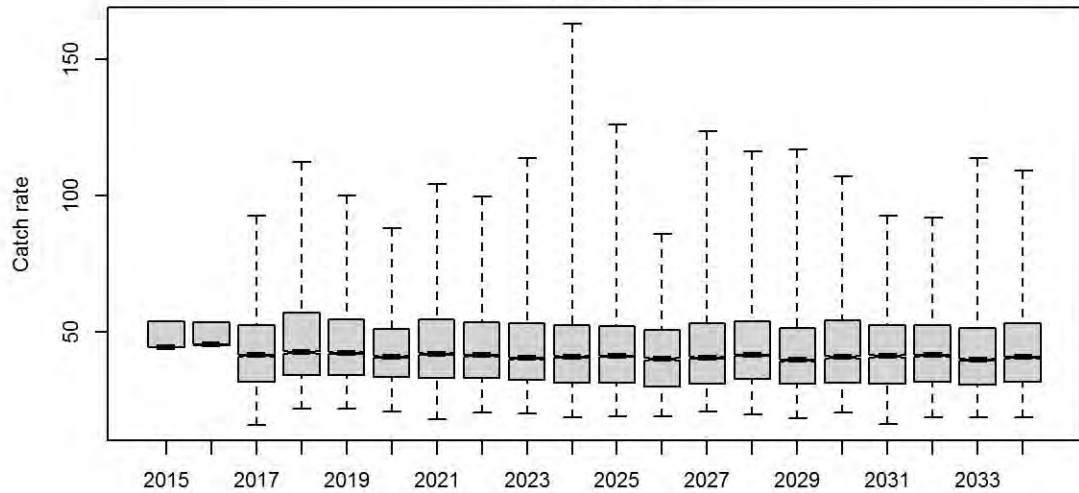
Bsp_BspNoFishing



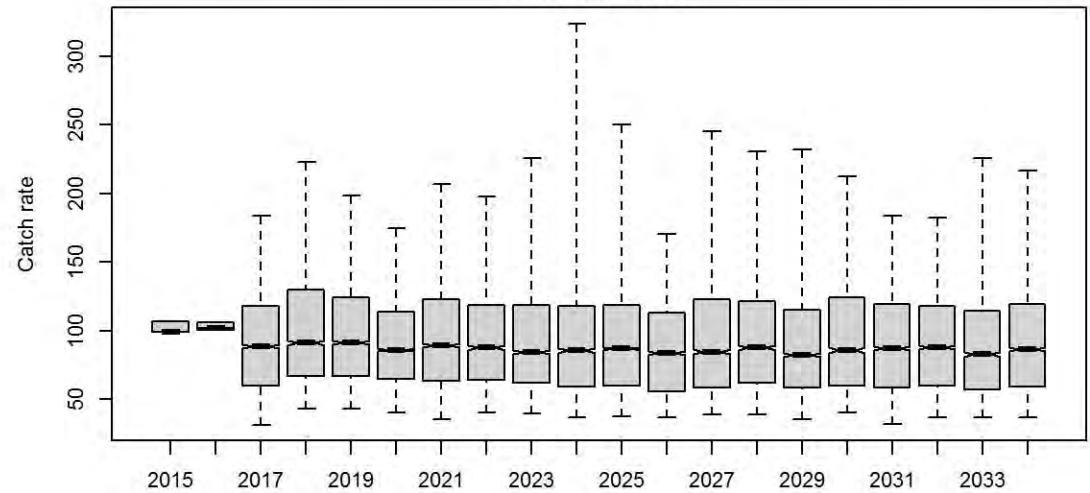
F.mal



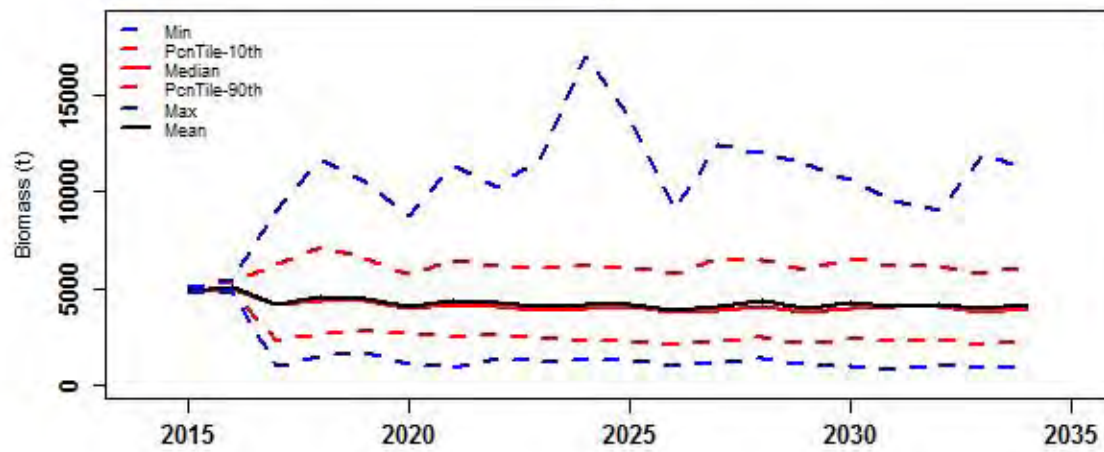
ActICPUE.TIB



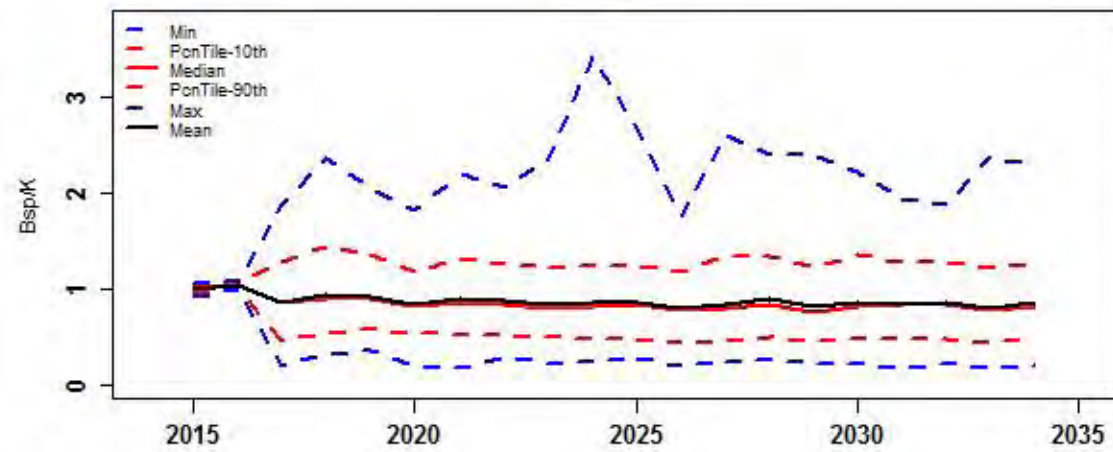
ActICPUE.TVH



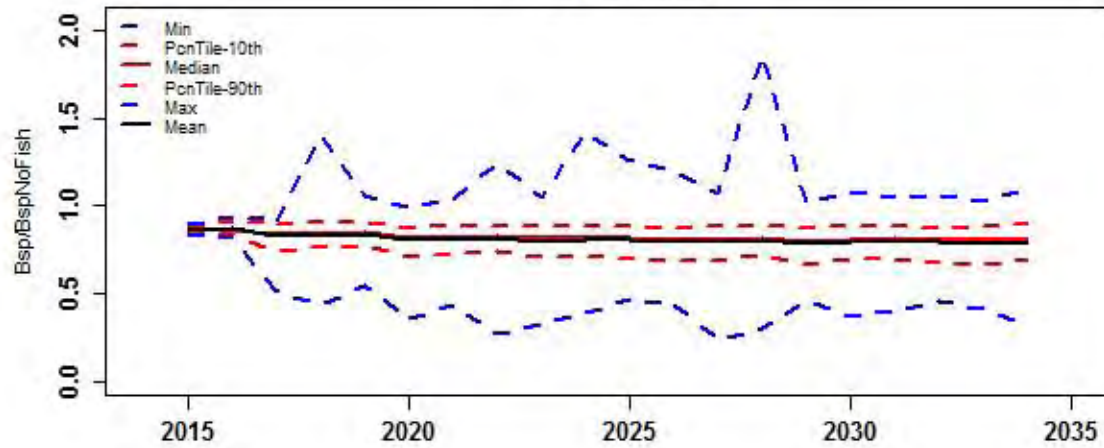
Bsp



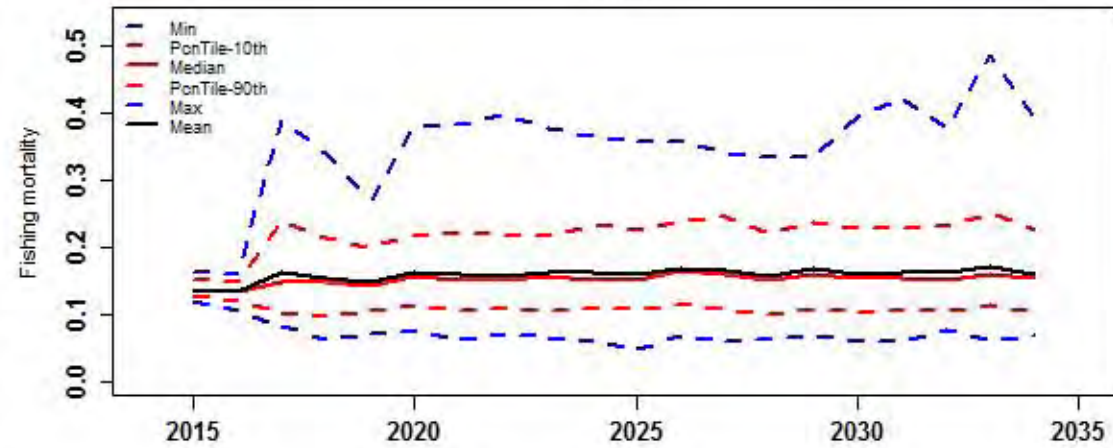
Bsp_K



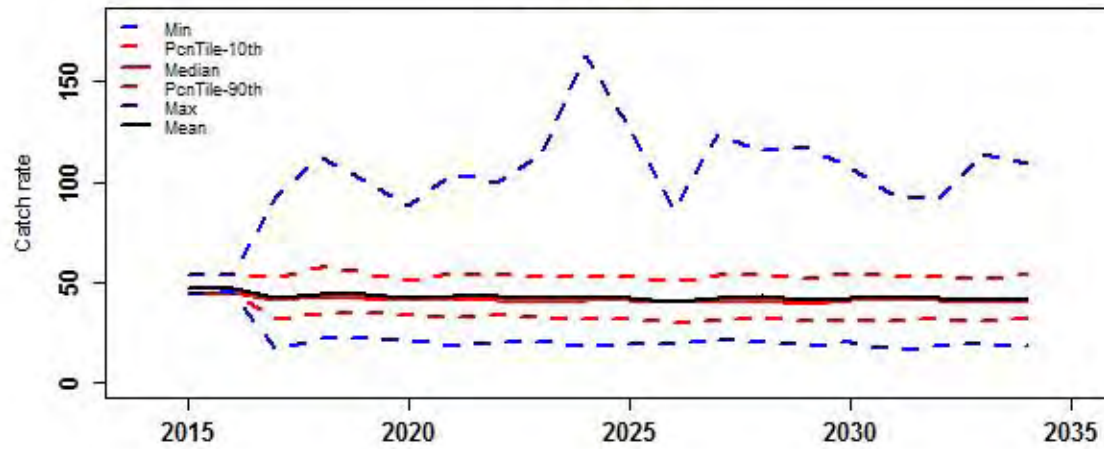
Bsp_BspNoFishing



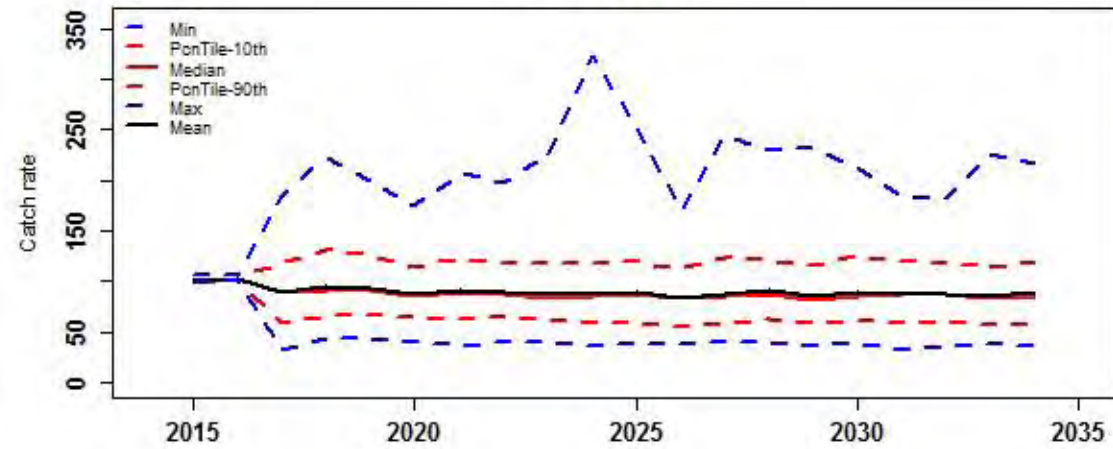
F.mal



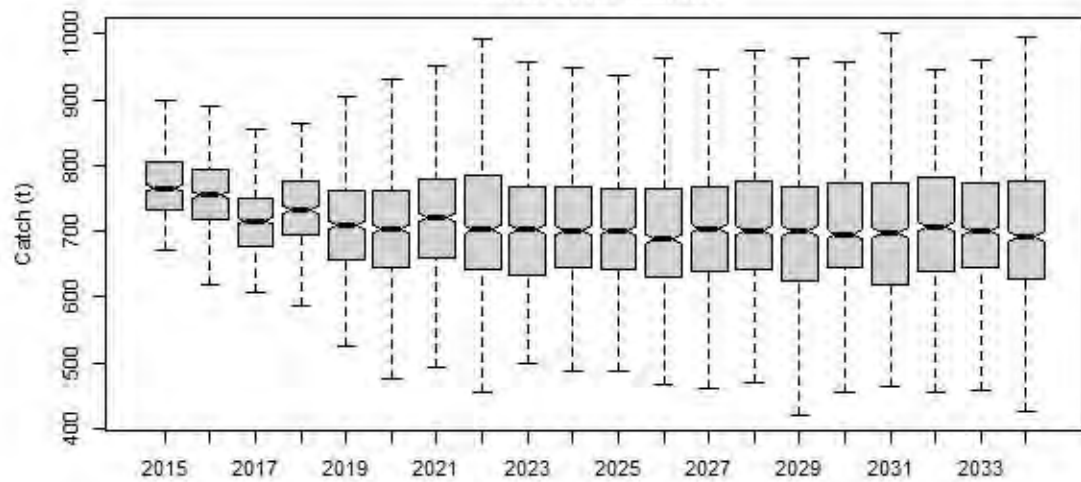
ActlCPUE.TIB



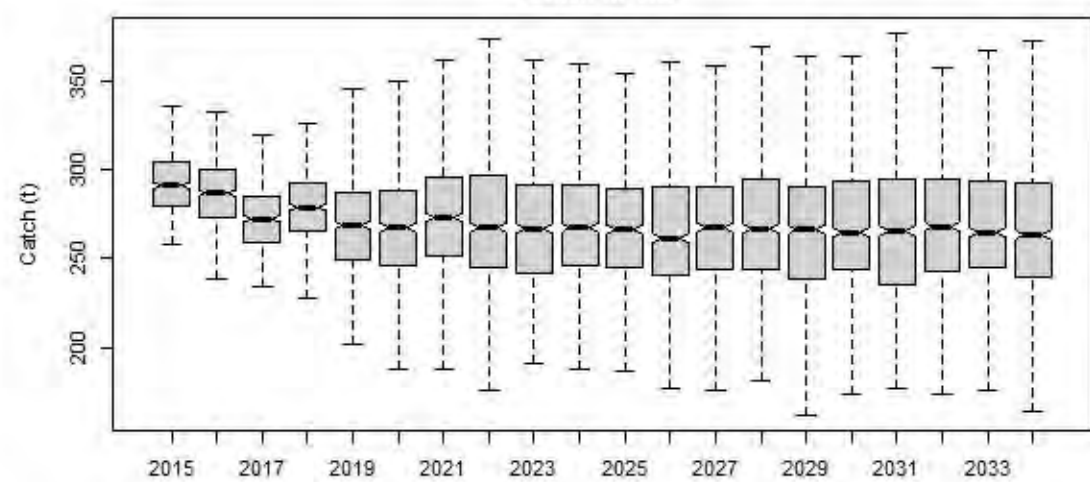
ActlCPUE.TVH



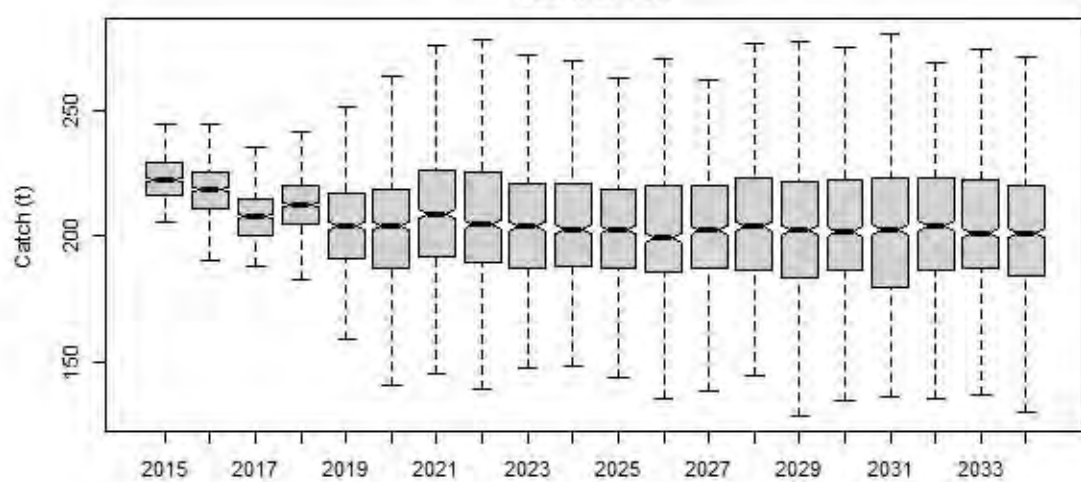
Catch of all sectors



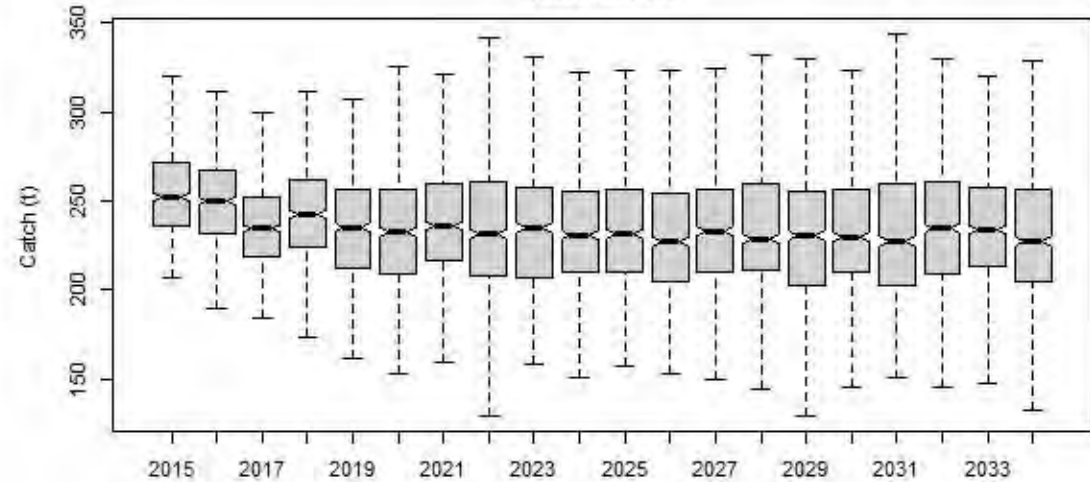
Catch of TIB



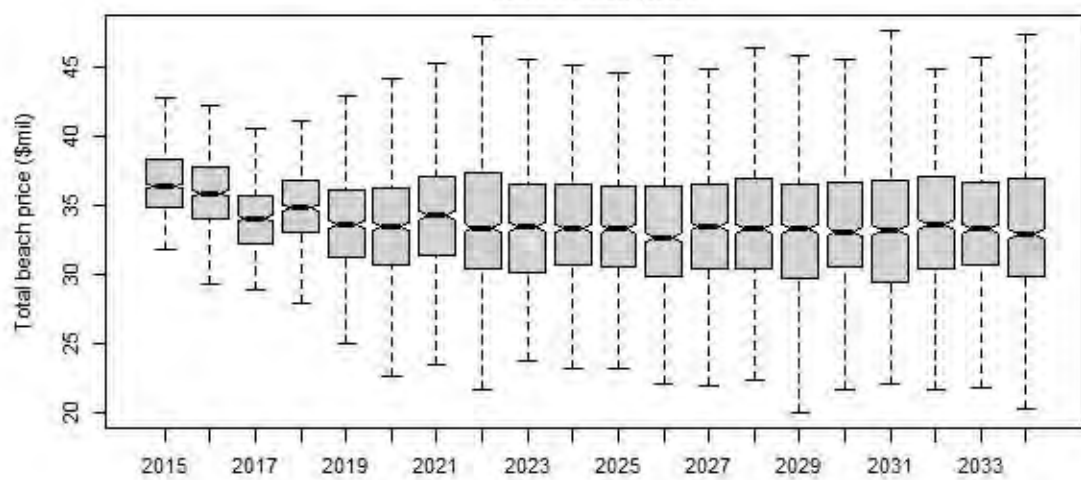
Catch of TVH



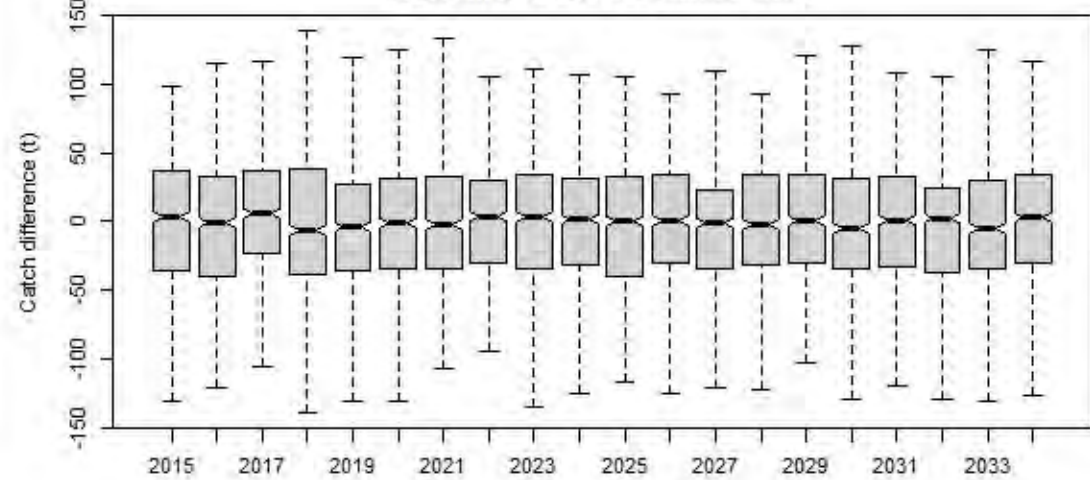
Catch of PNG



Total beach price

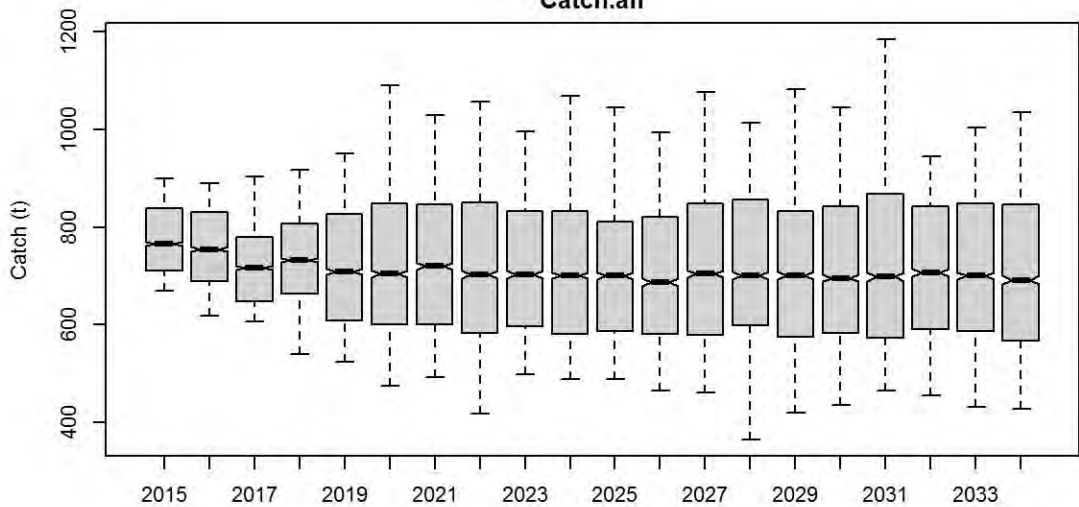


Difference of TAC and actual catch

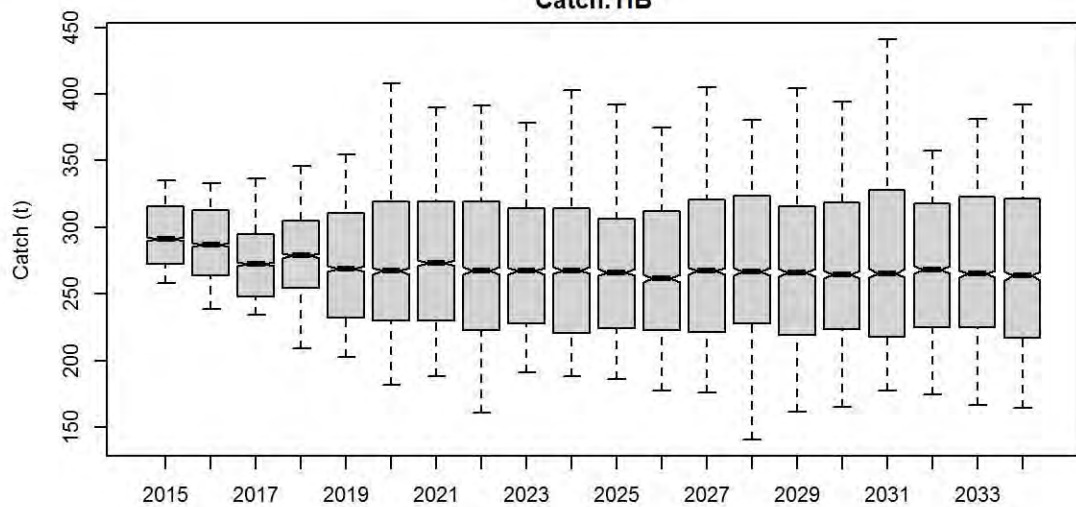


rHCR7

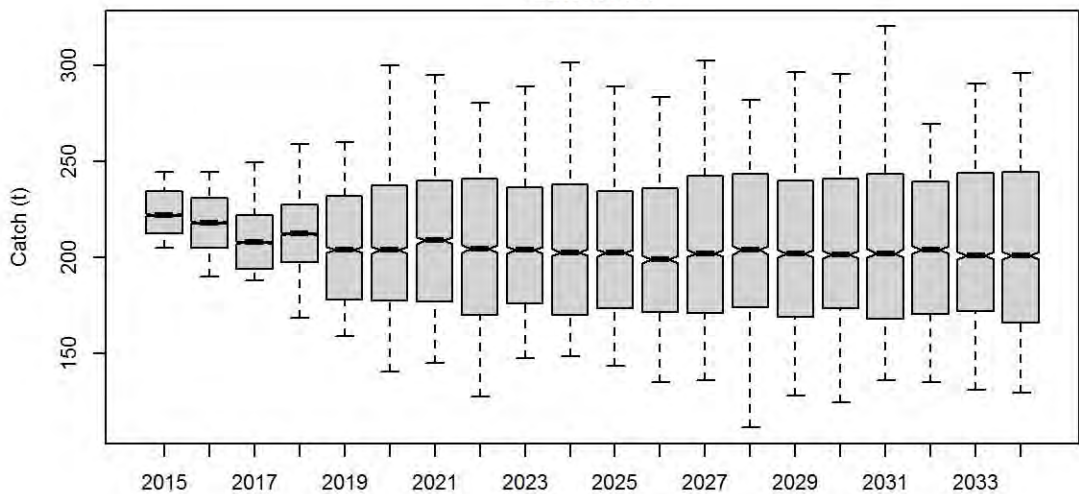
Catch.all



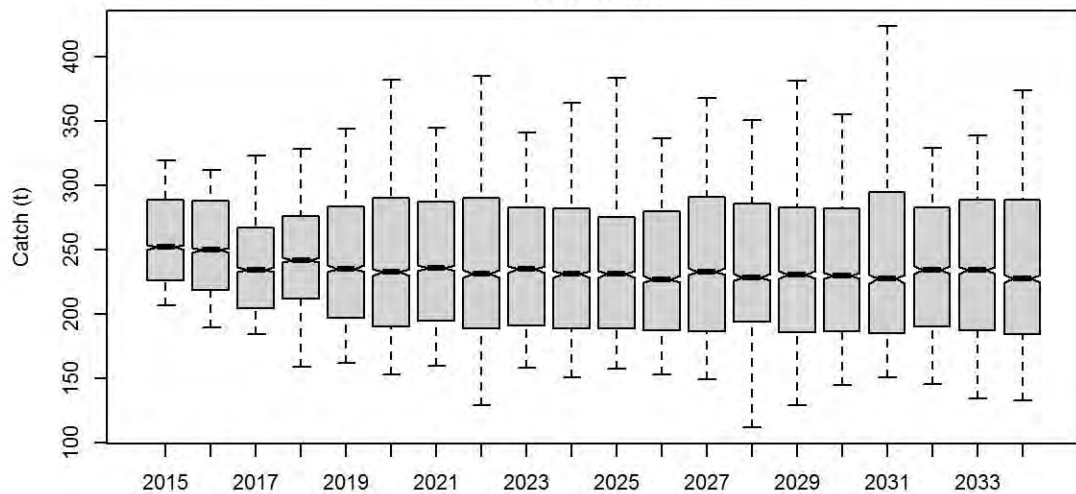
Catch.TIB



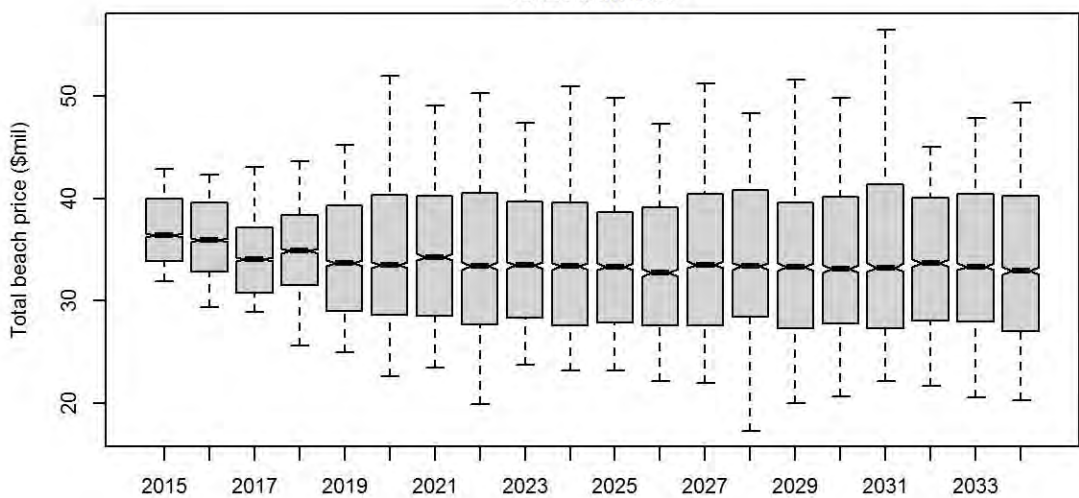
Catch.TVH



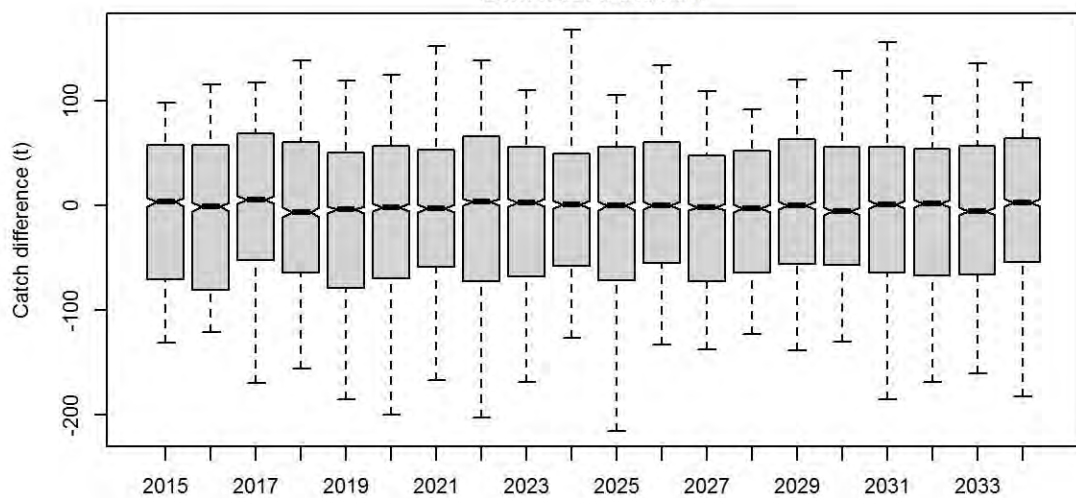
Catch.PNG



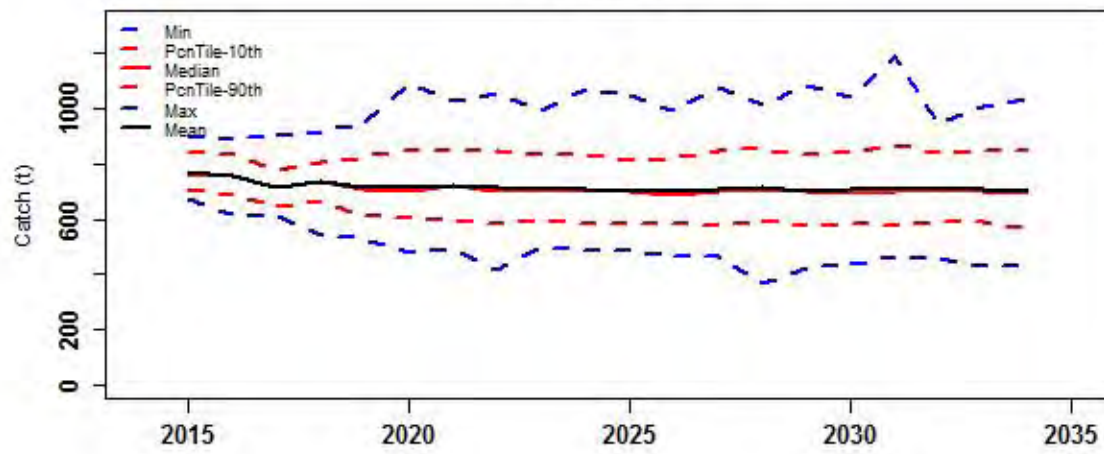
TotBeachPrice



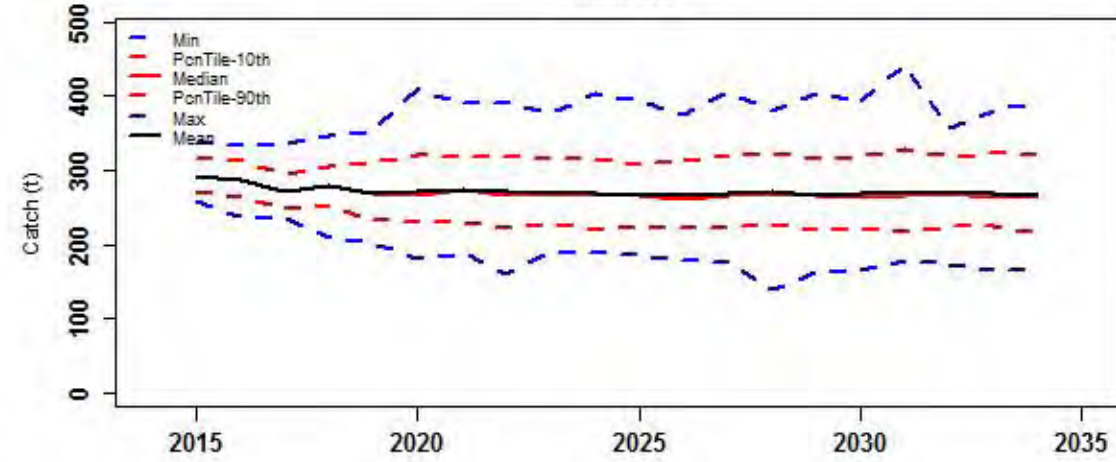
Diff.TAC.actlCatch



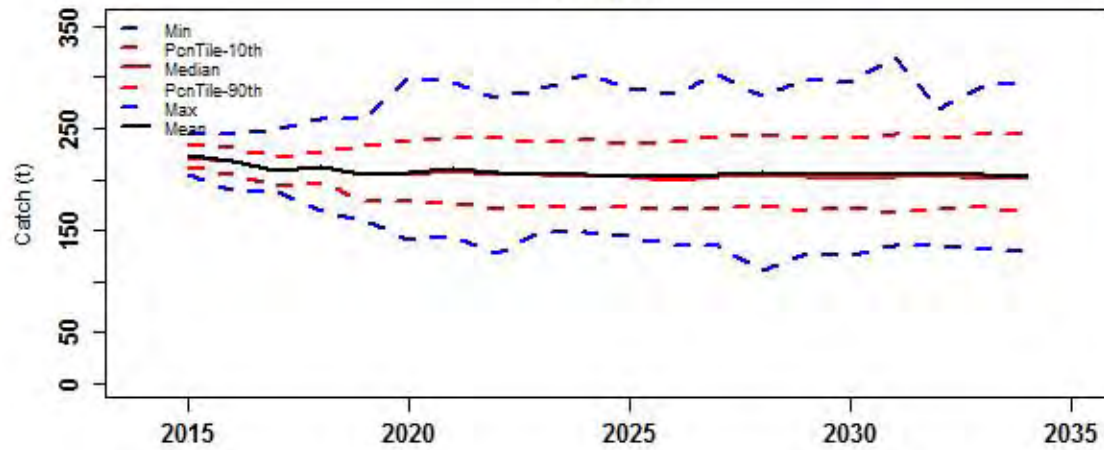
Catch.all



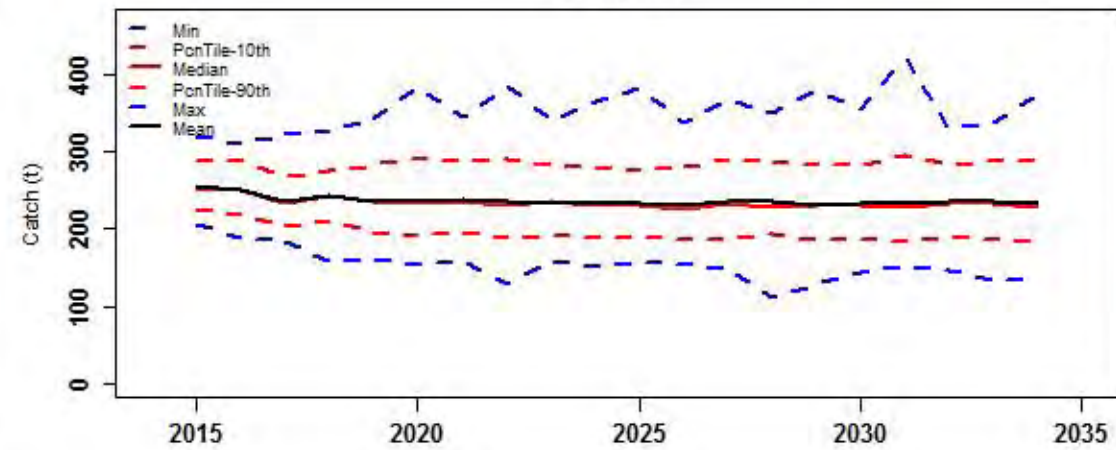
Catch.TIB



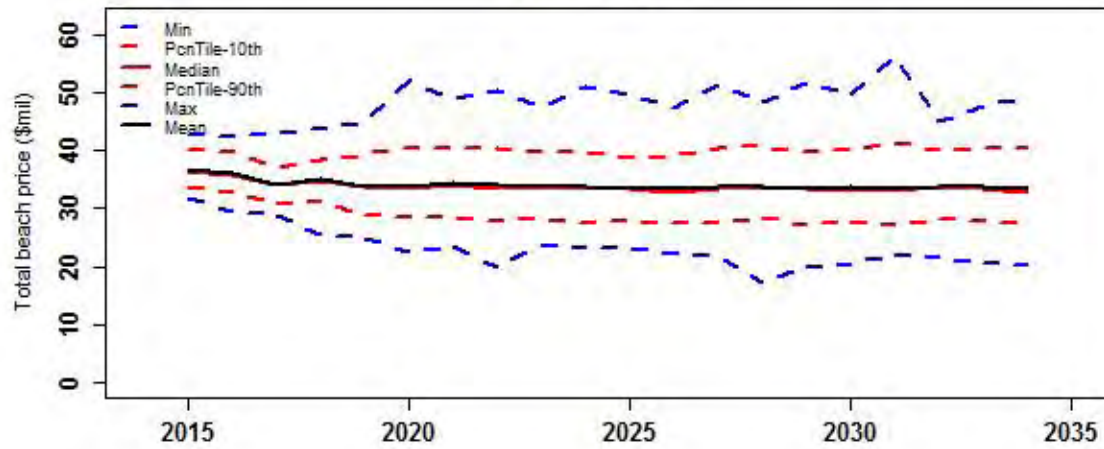
Catch.TVH



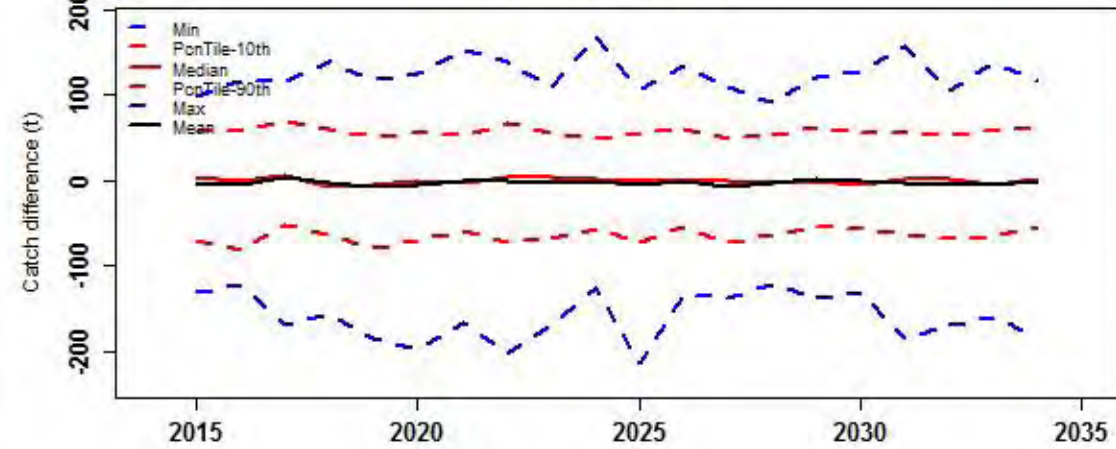
Catch.PNG



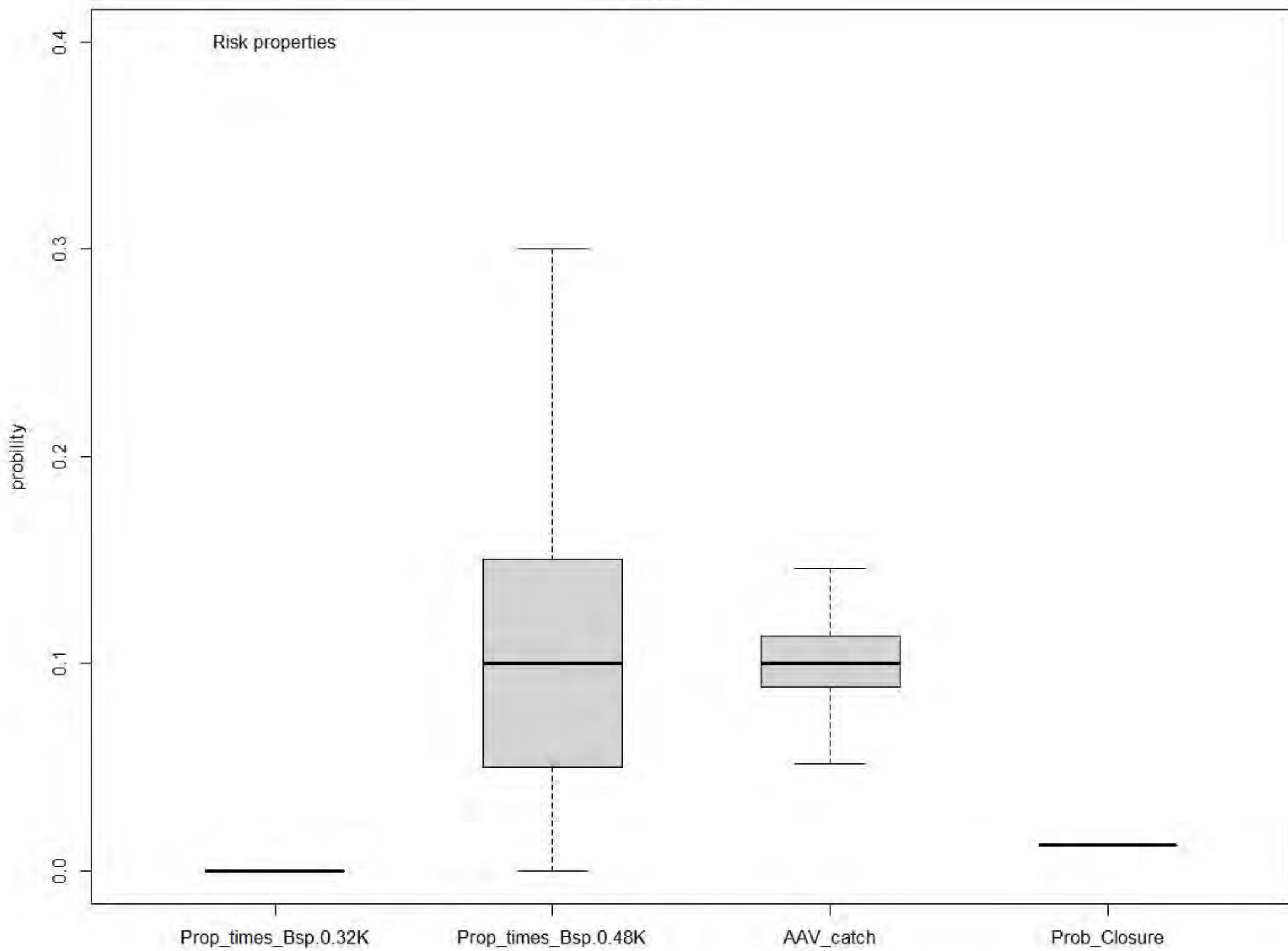
TotBeachPrice



Diff.TAC.actlCatch

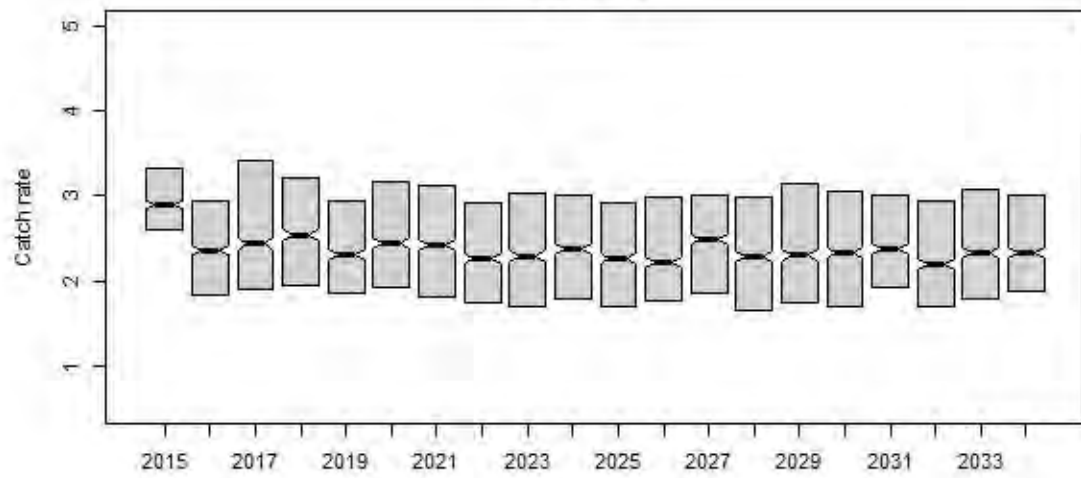


Risk properties

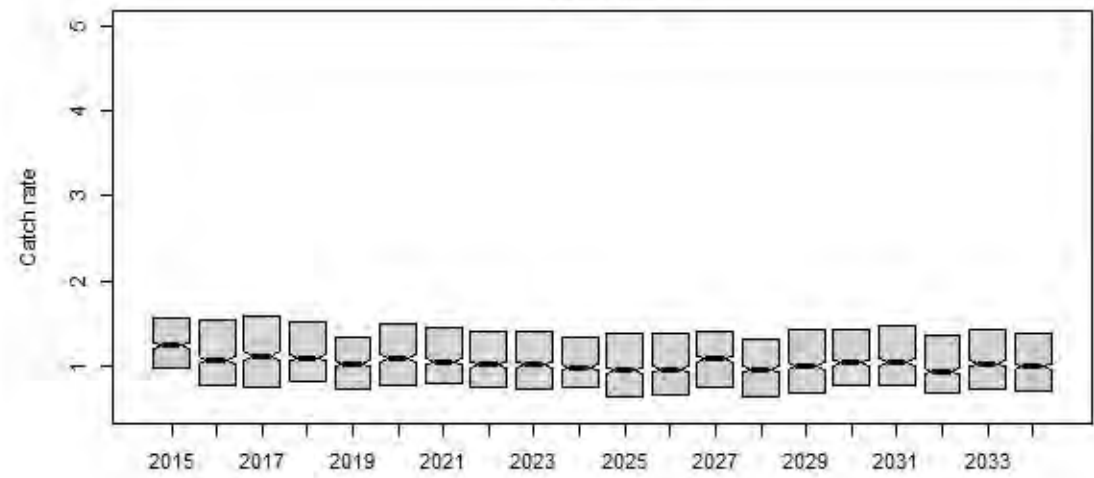


rHCR7

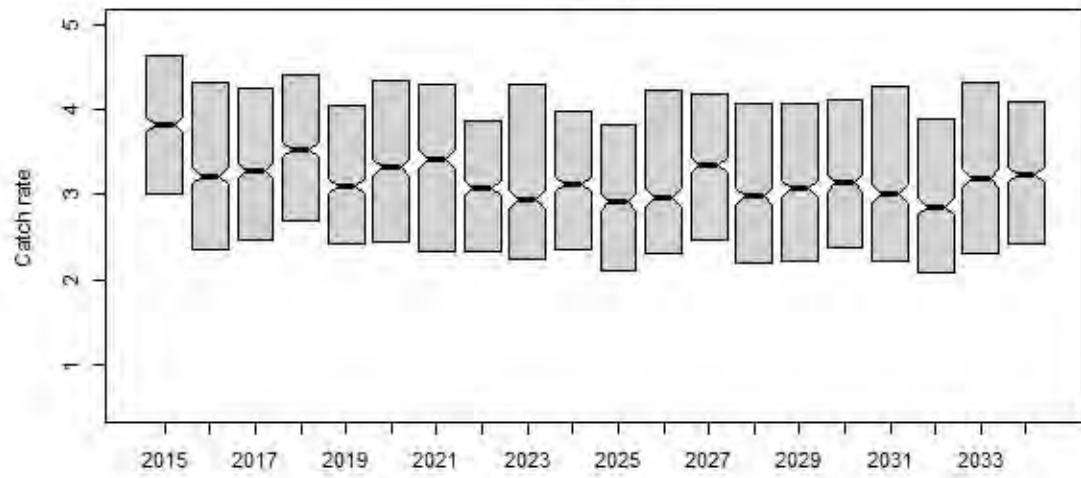
Preseas1



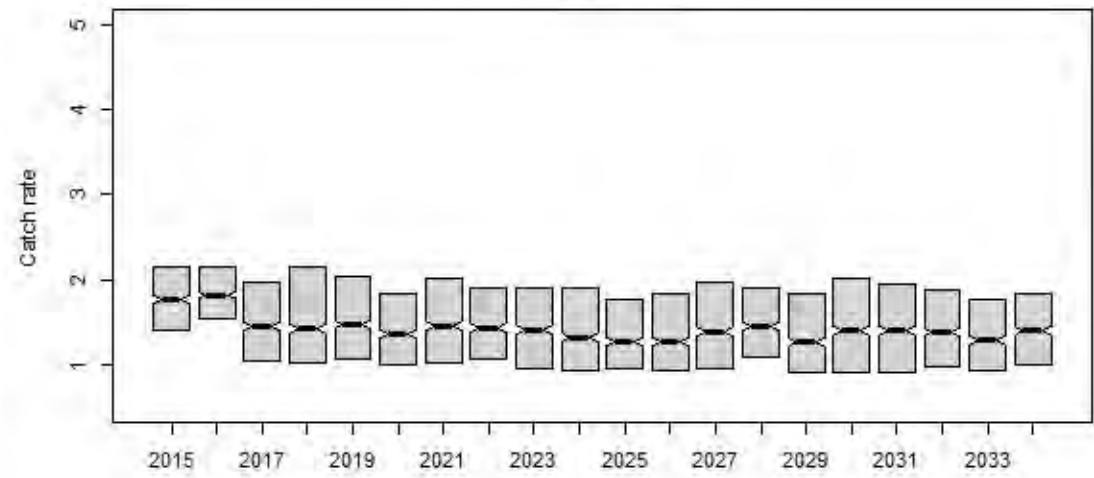
Preseas0



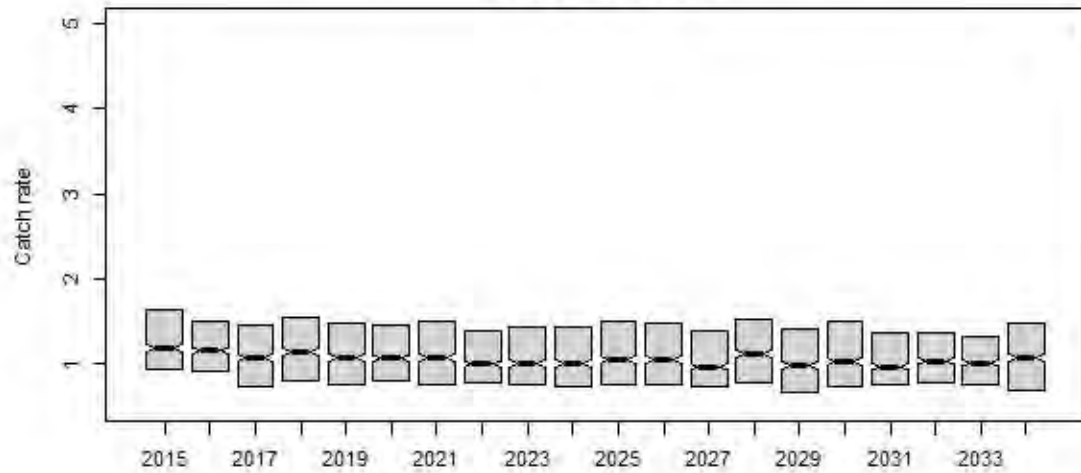
Midsurv1



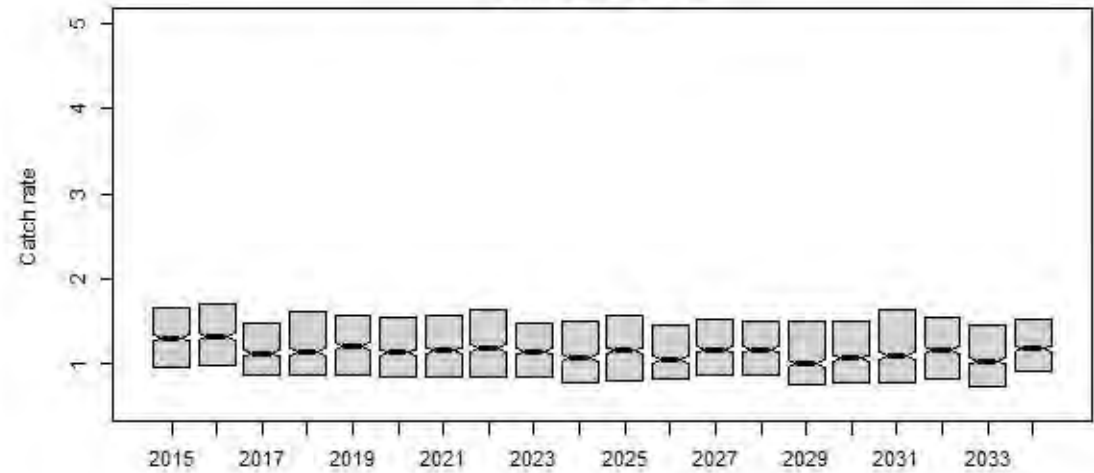
Midsurv2



Future_CPUE_TVH

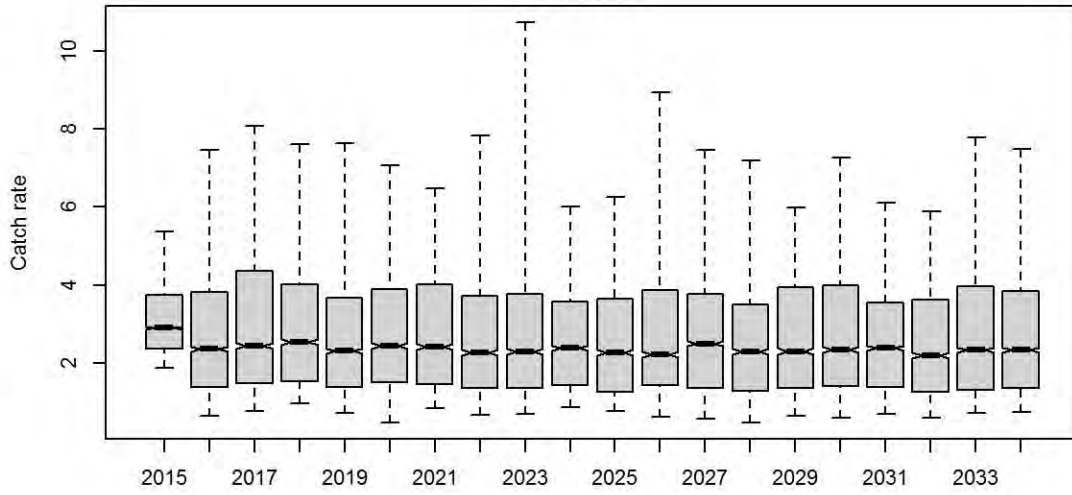


Future_CPUE_TIB

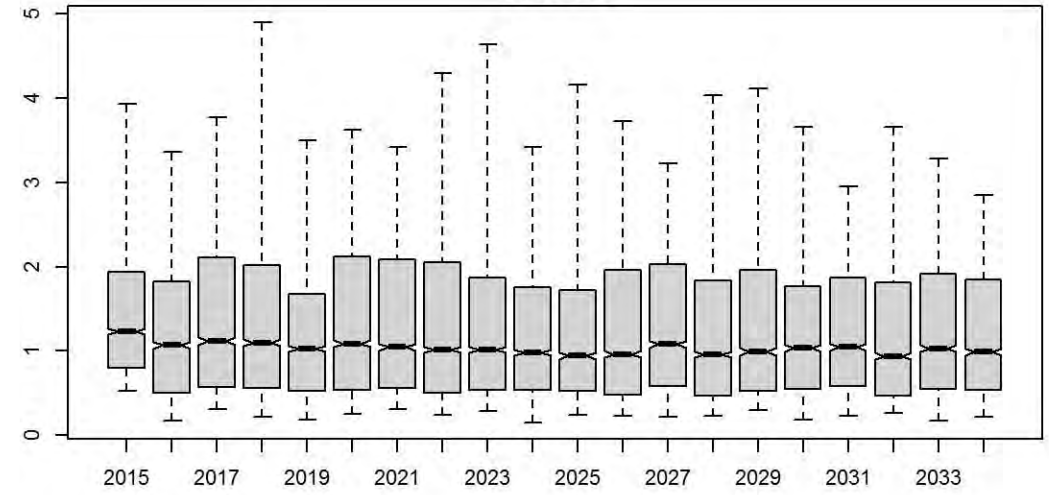


rHCR7

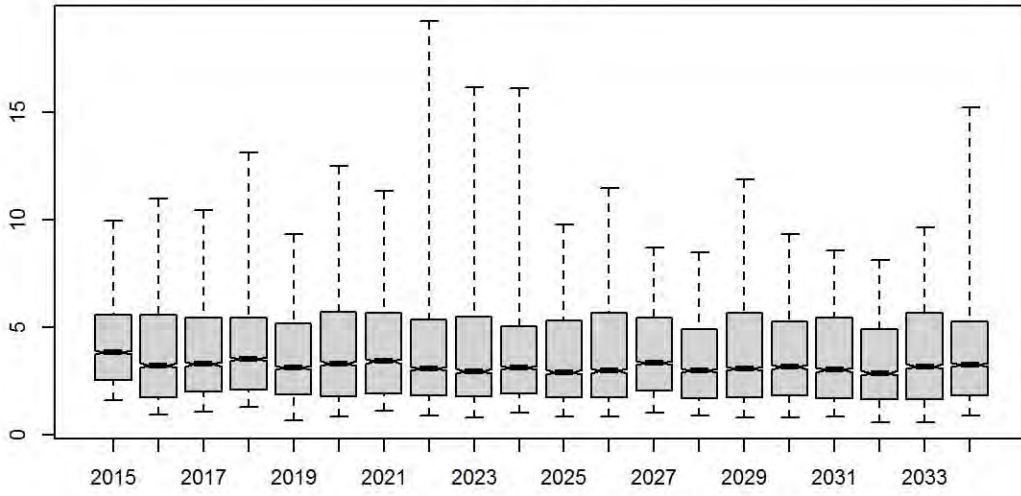
Preseas1



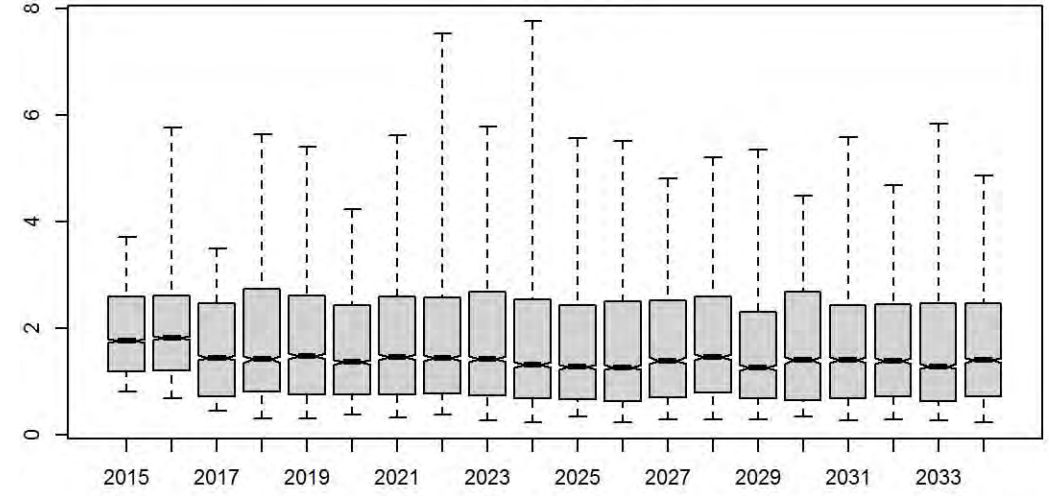
Preseas0



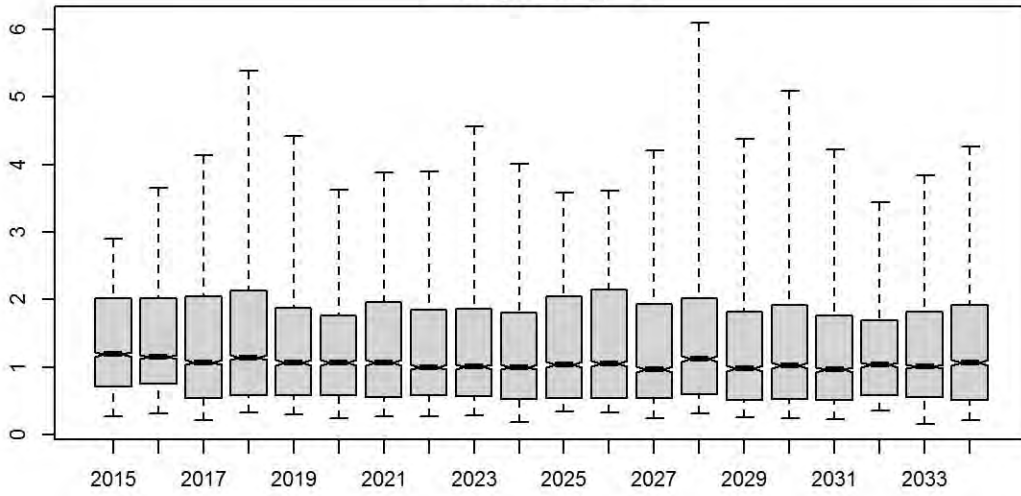
Midsurv1



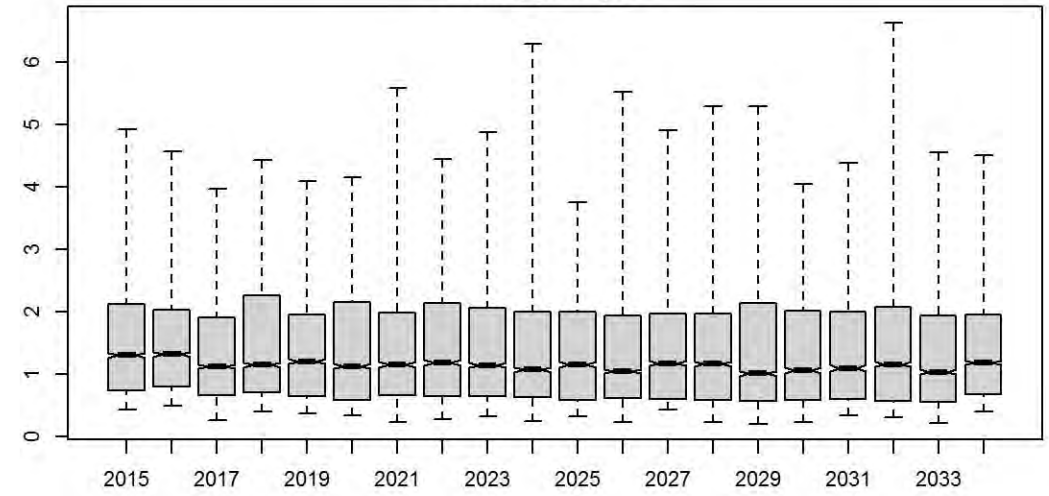
Midsurv2



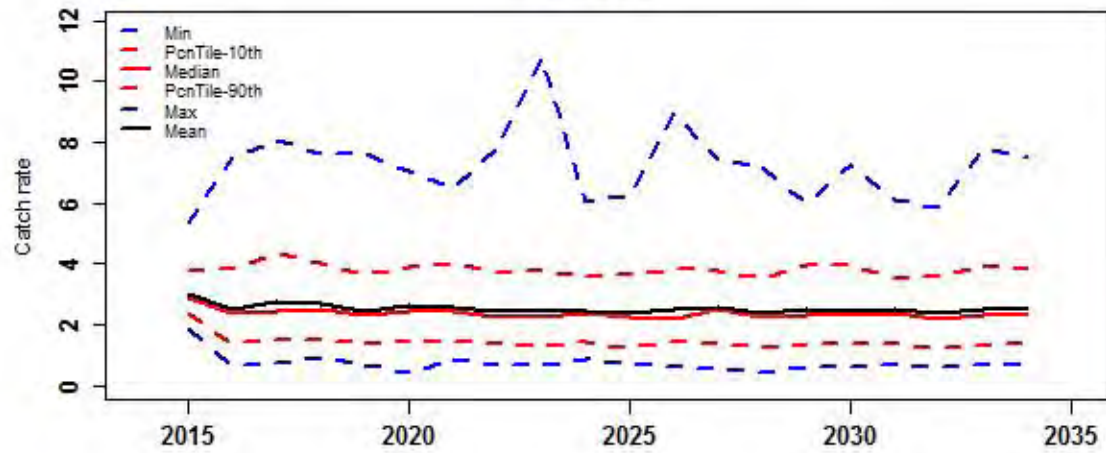
Future_CPUE_TVH



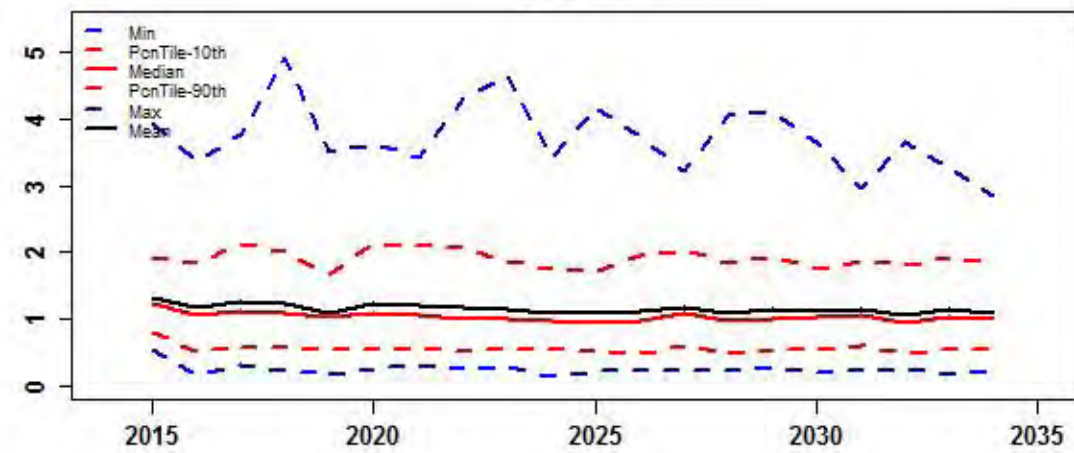
Future_CPUE_TIB



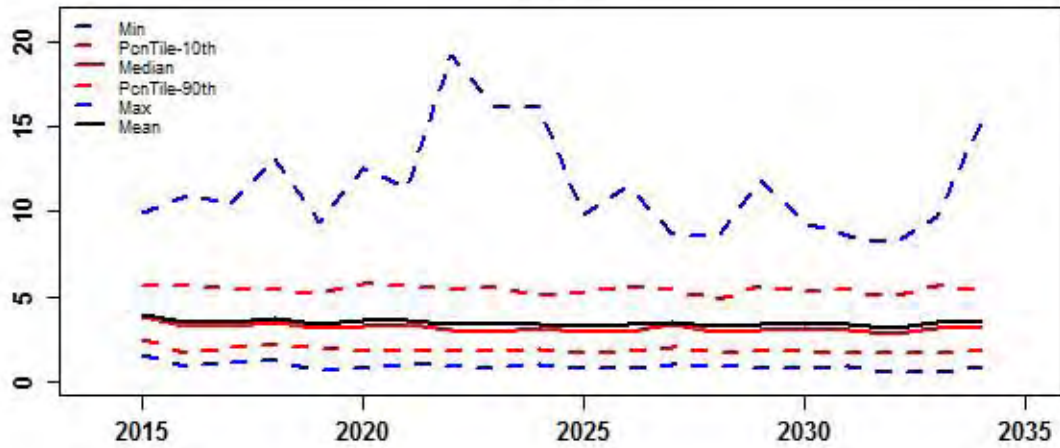
Preseas1



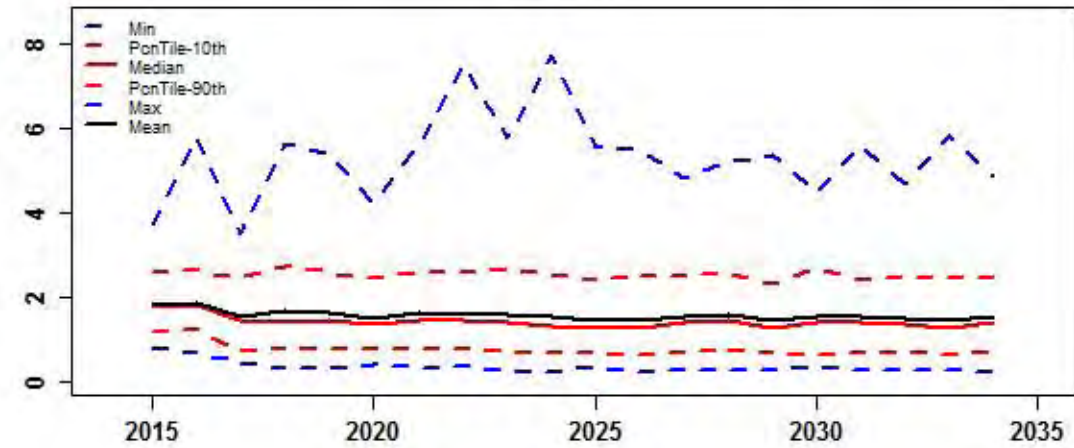
Preseas0



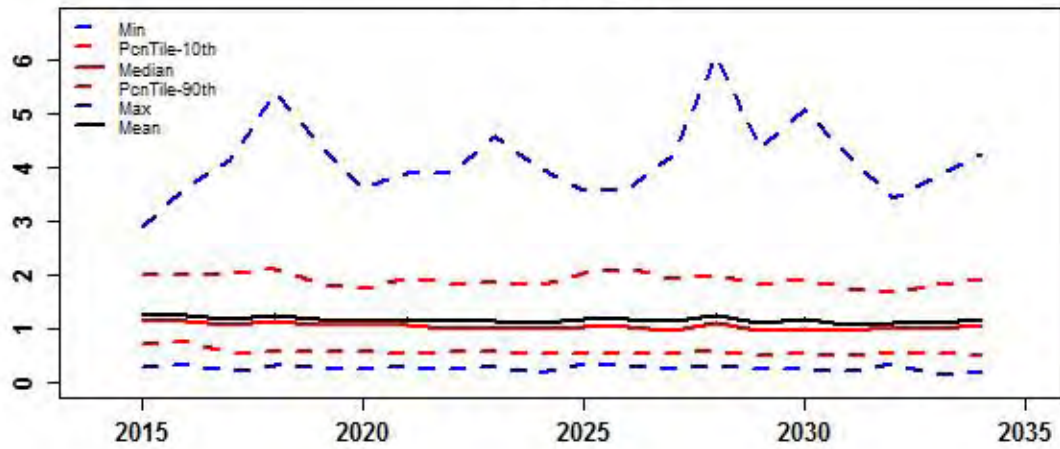
Midsurv1



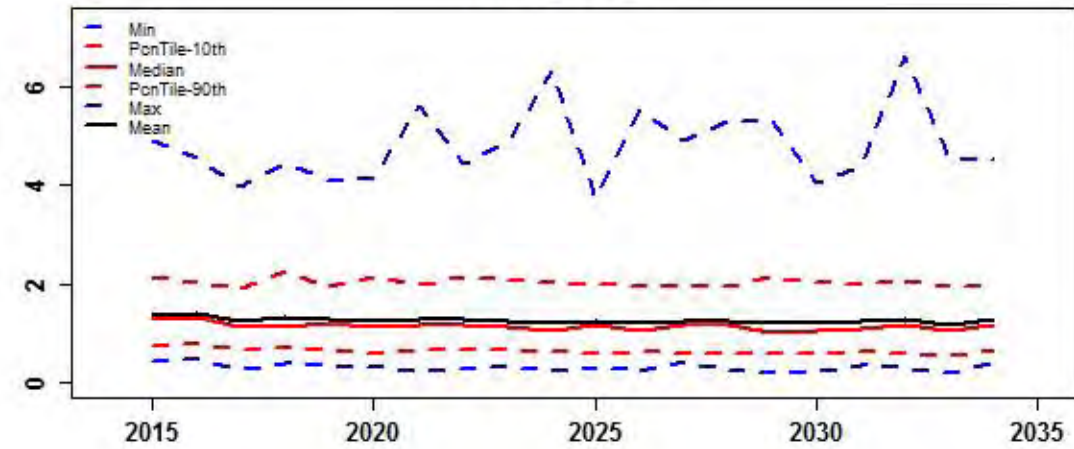
Midsurv2



Future_CPUE_TVH

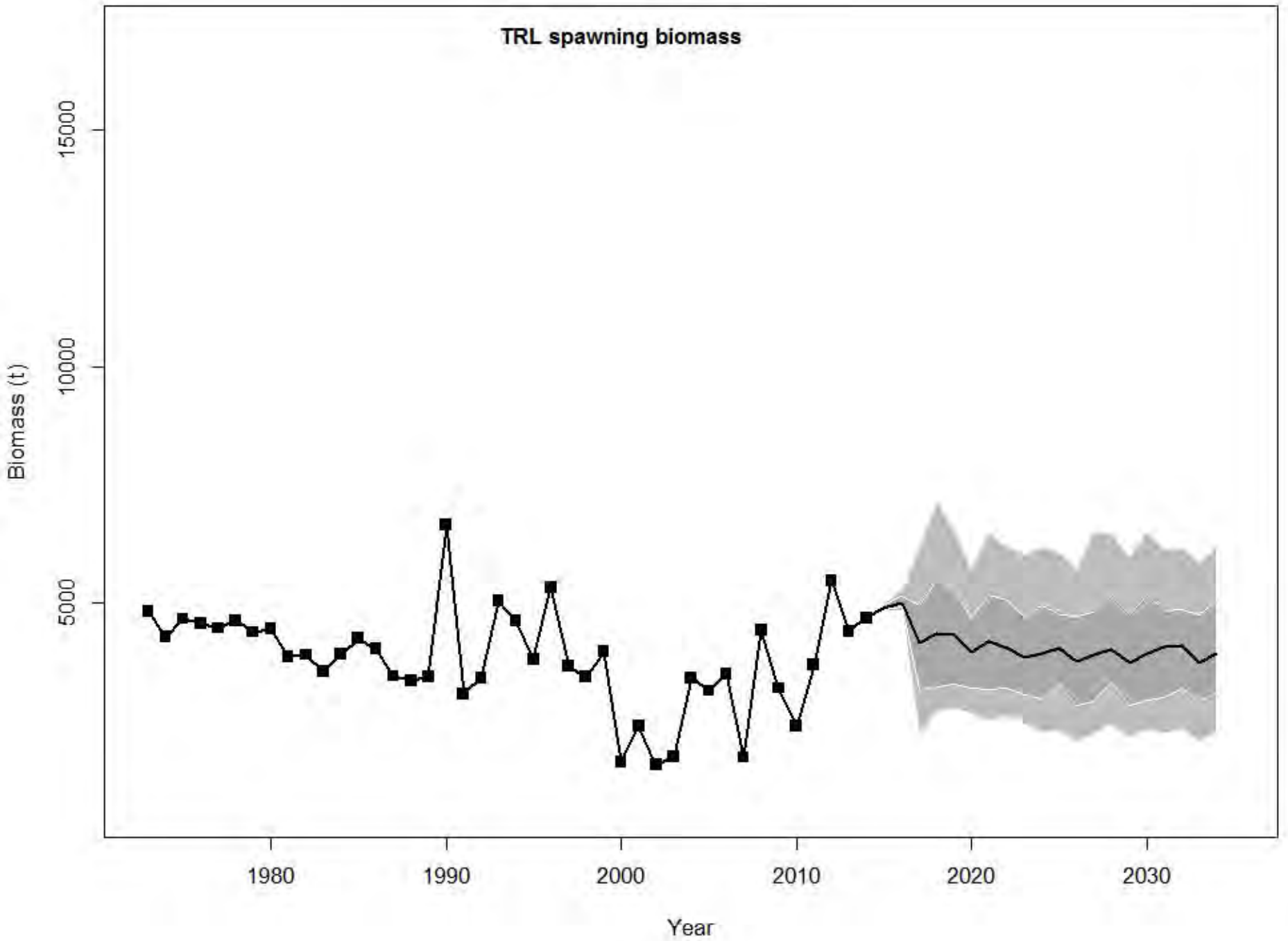


Future_CPUE_TIB

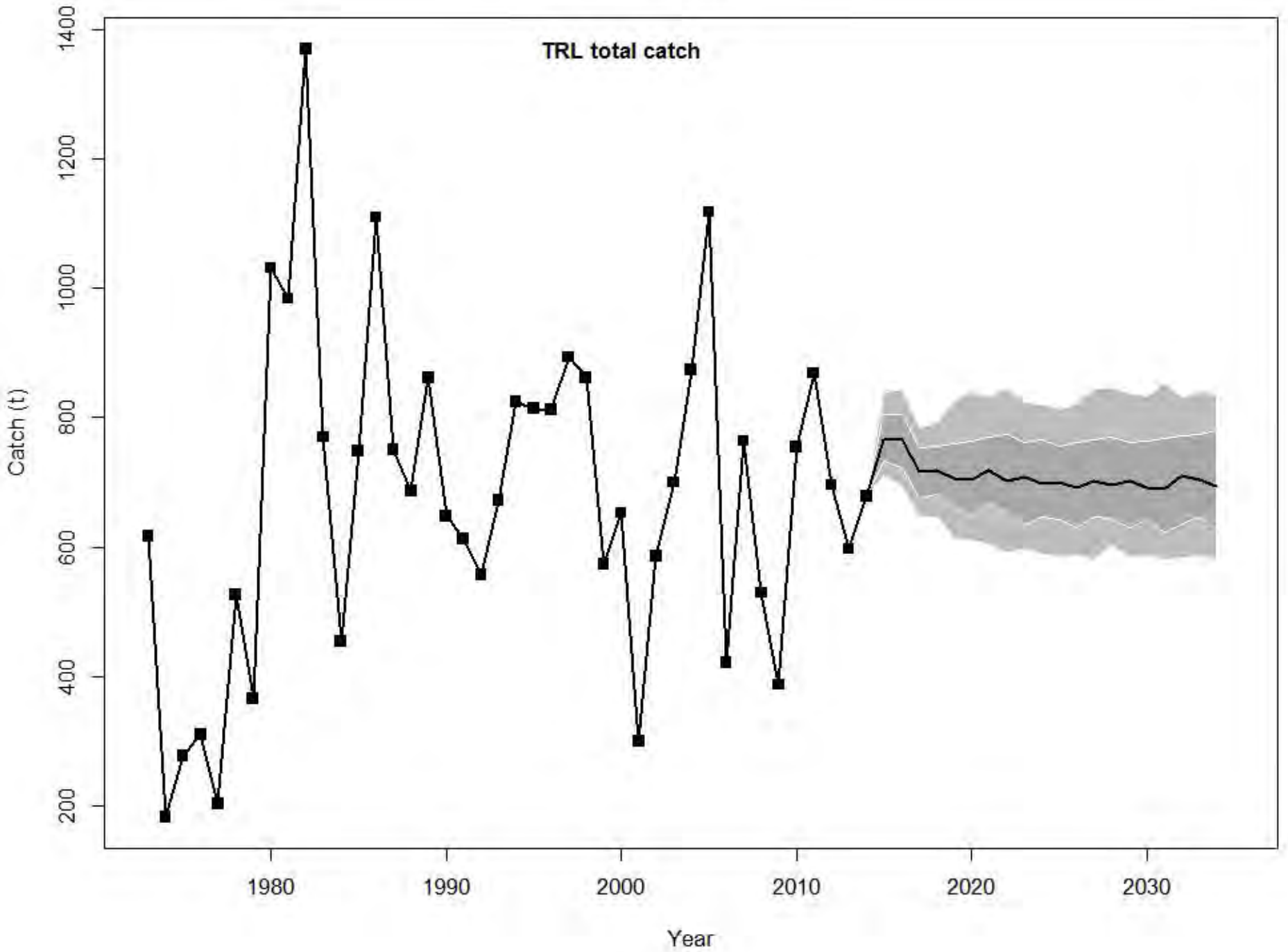


**HARVEST
CONTROL
RULE
SCENARIO 8**

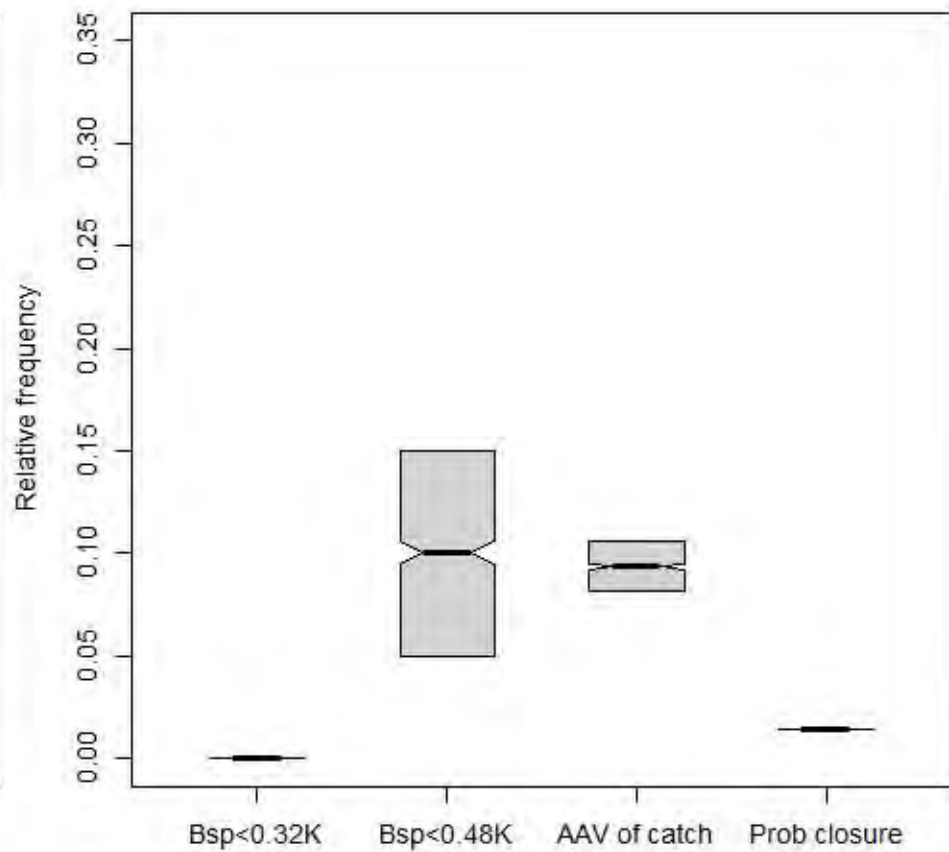
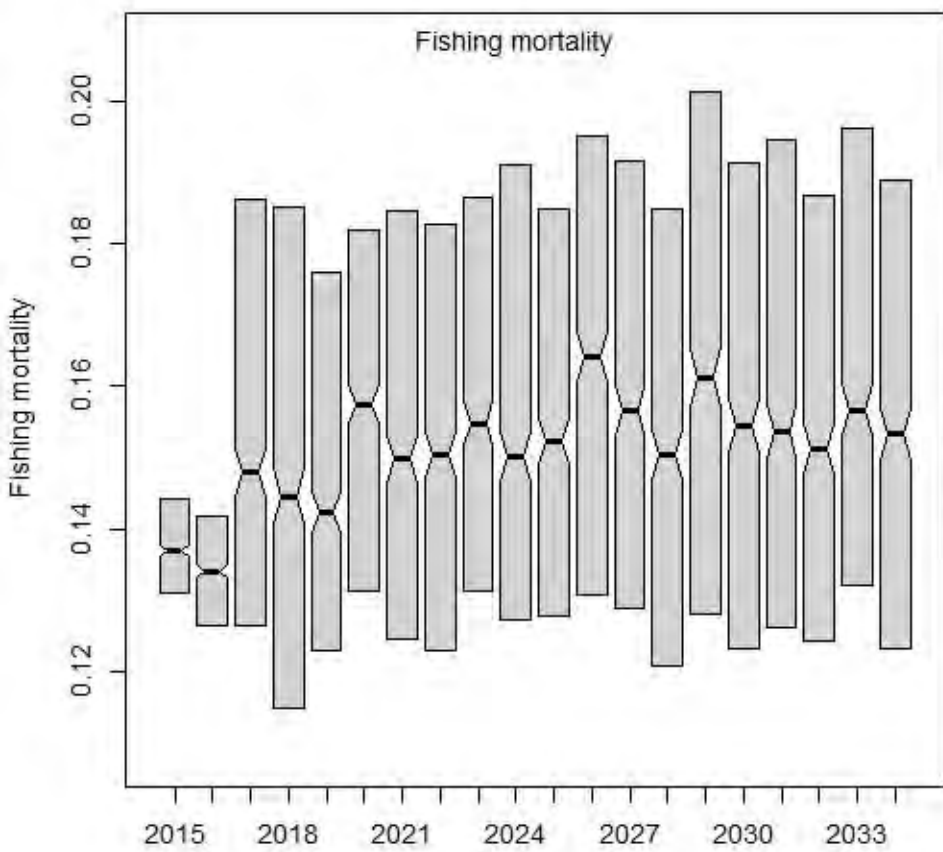
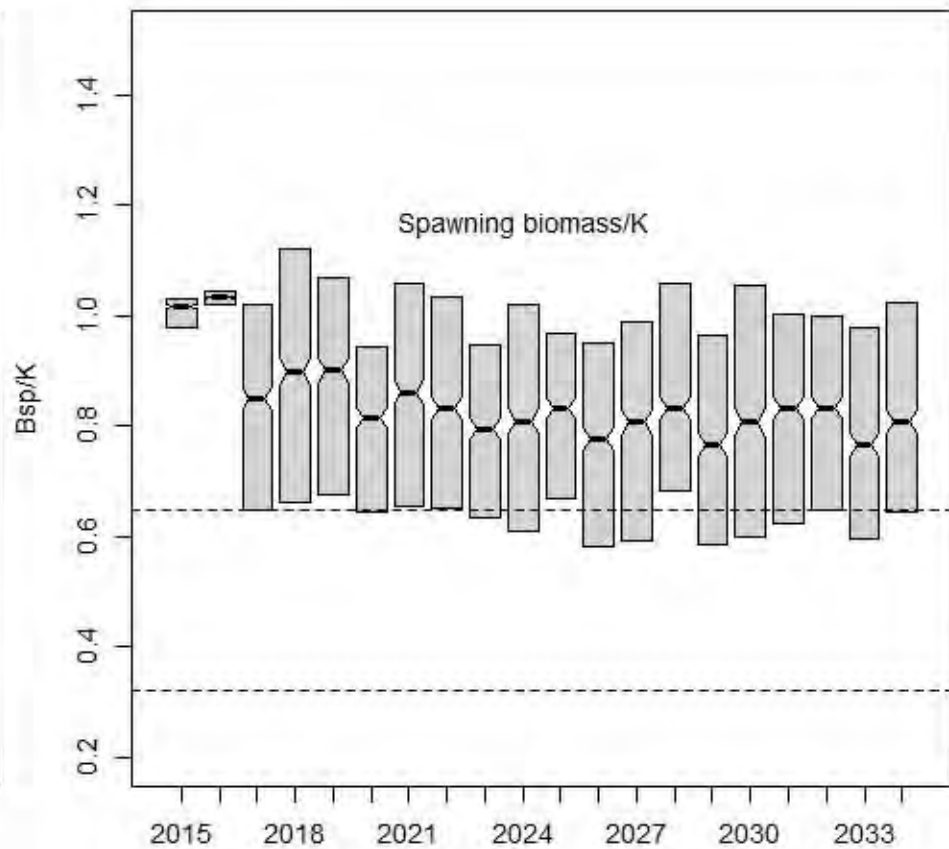
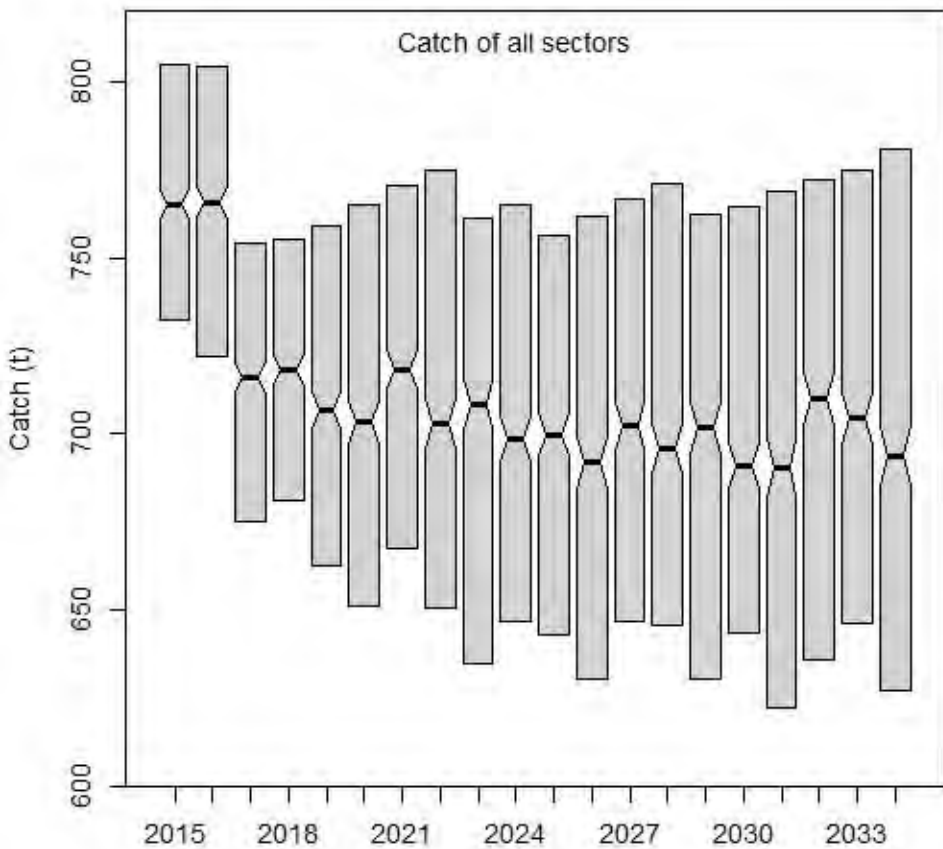
rHCR8

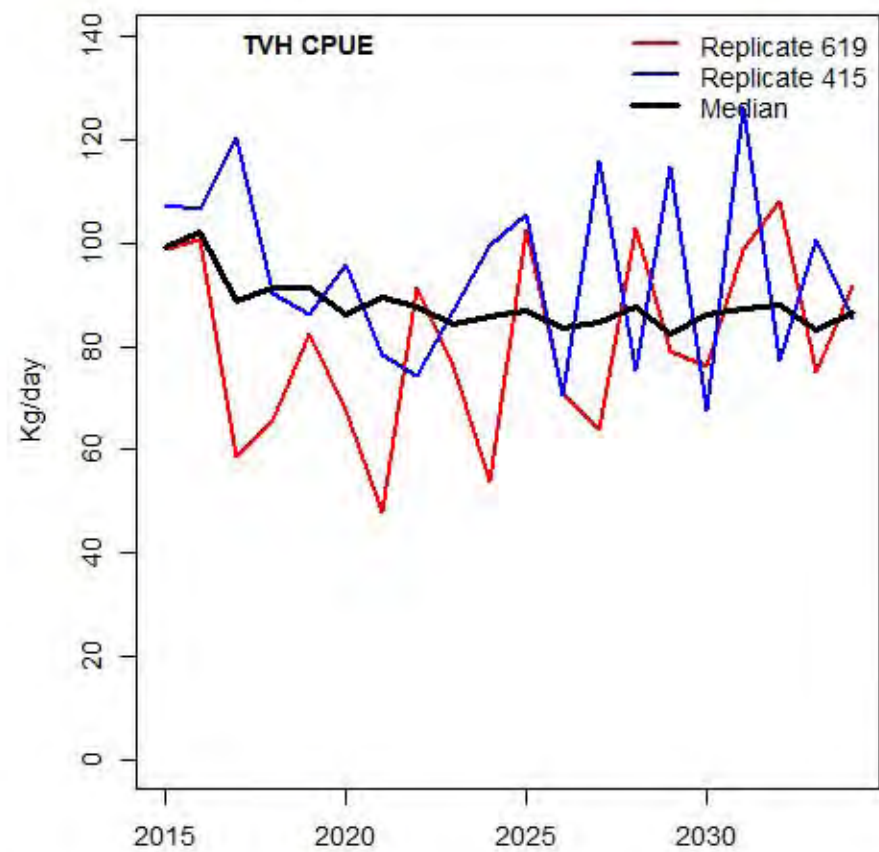
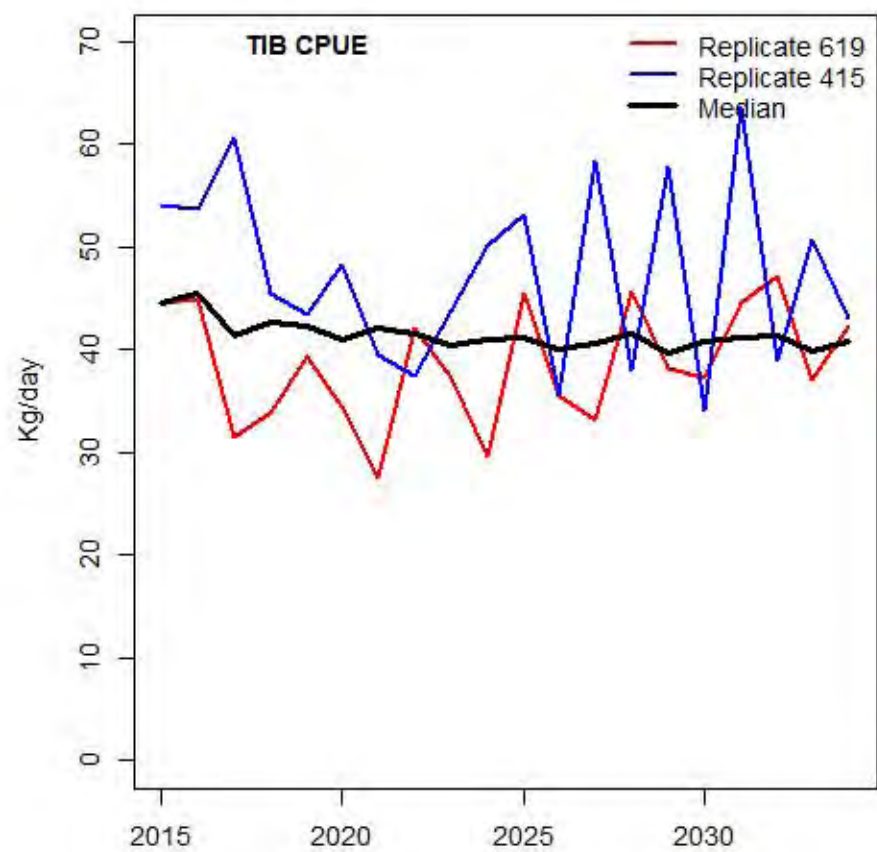
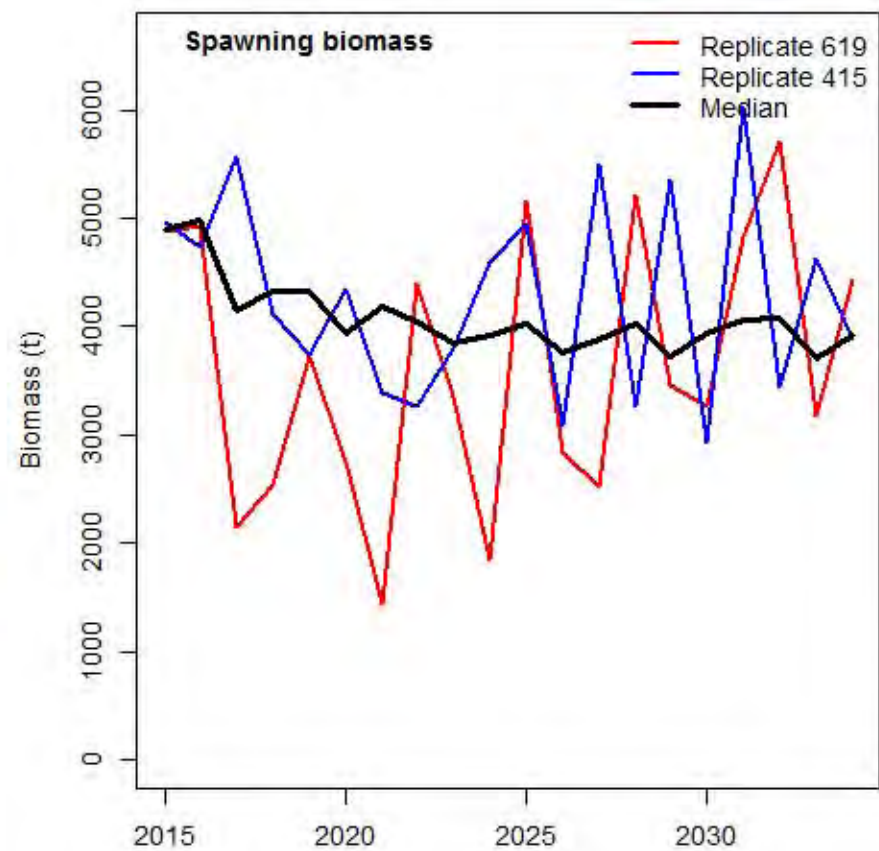
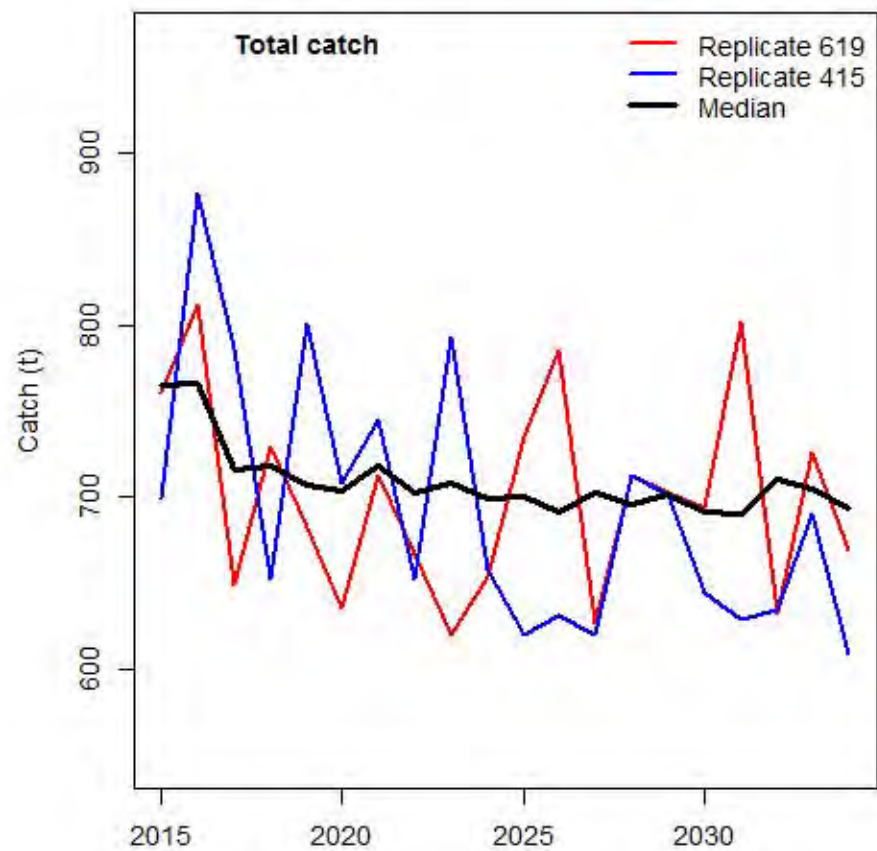


rHCR8

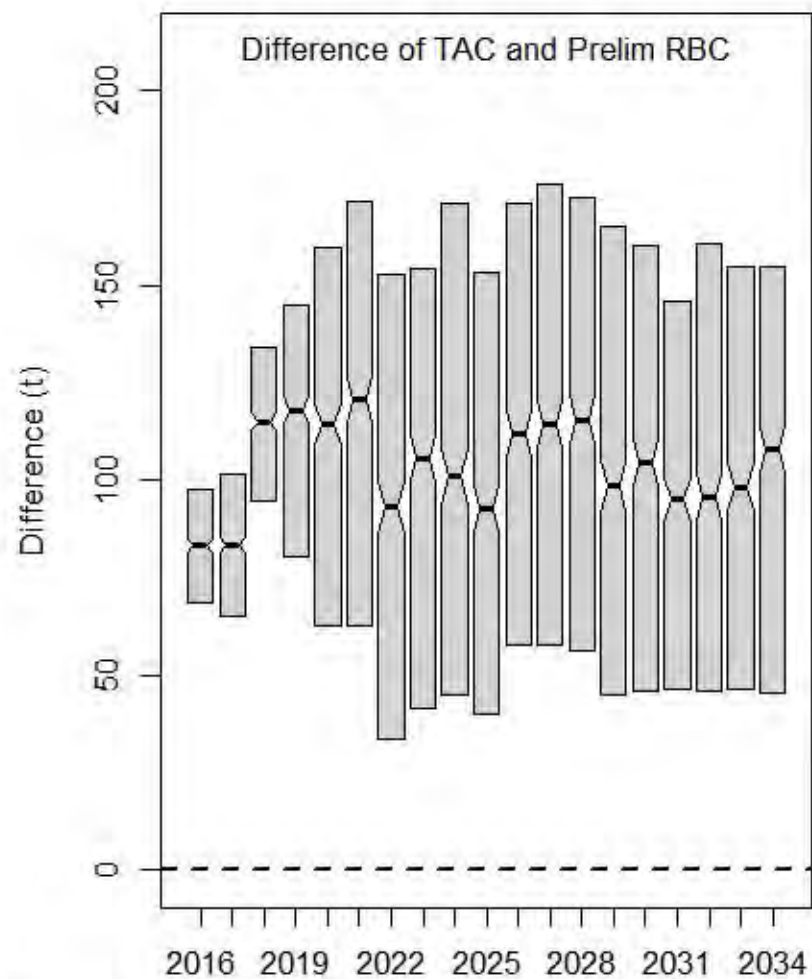
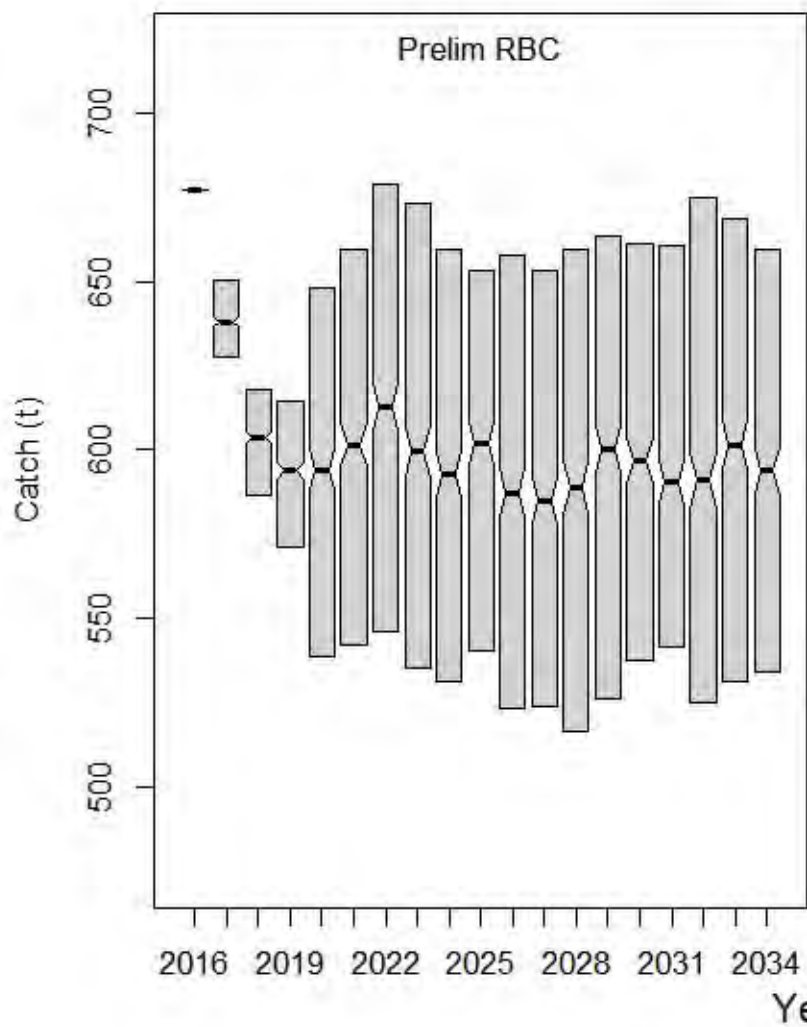


rHCR8

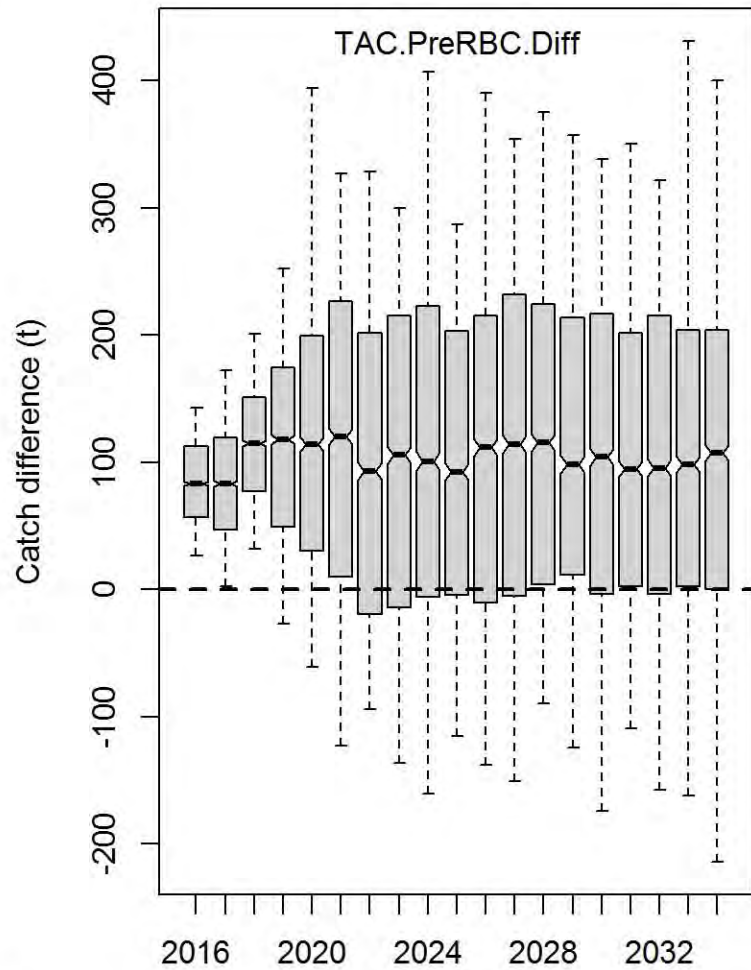
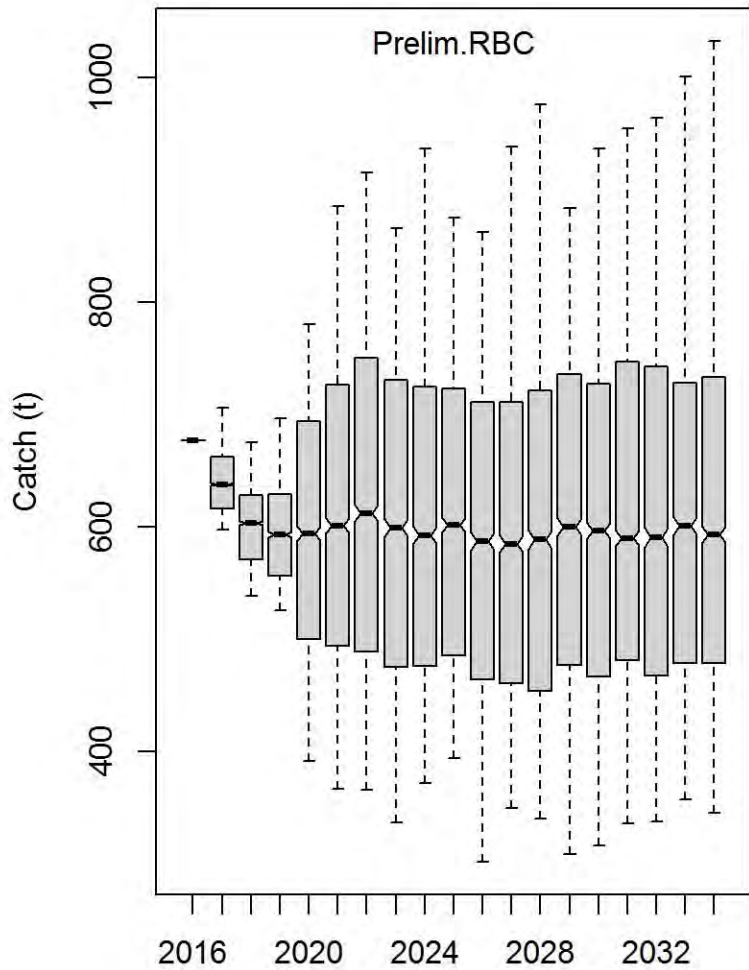




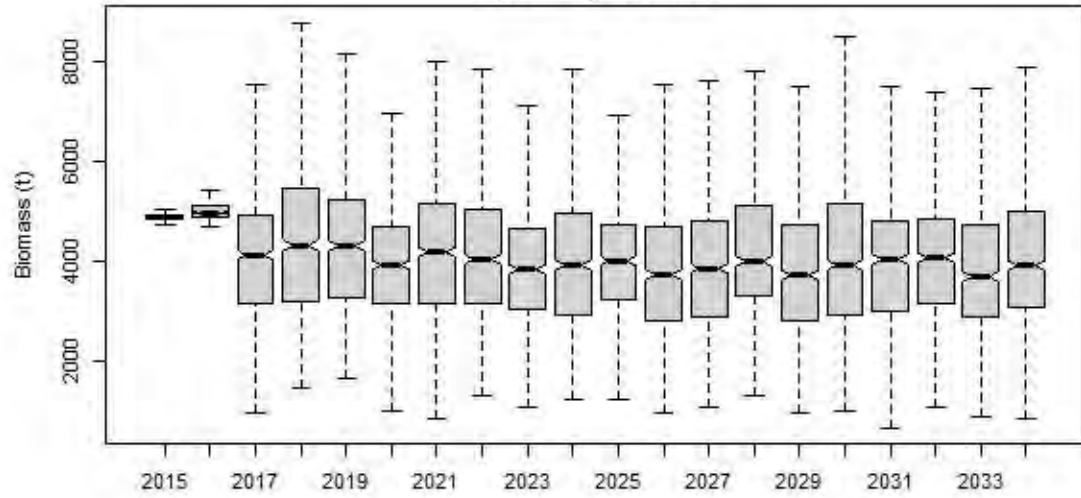
rHCR8



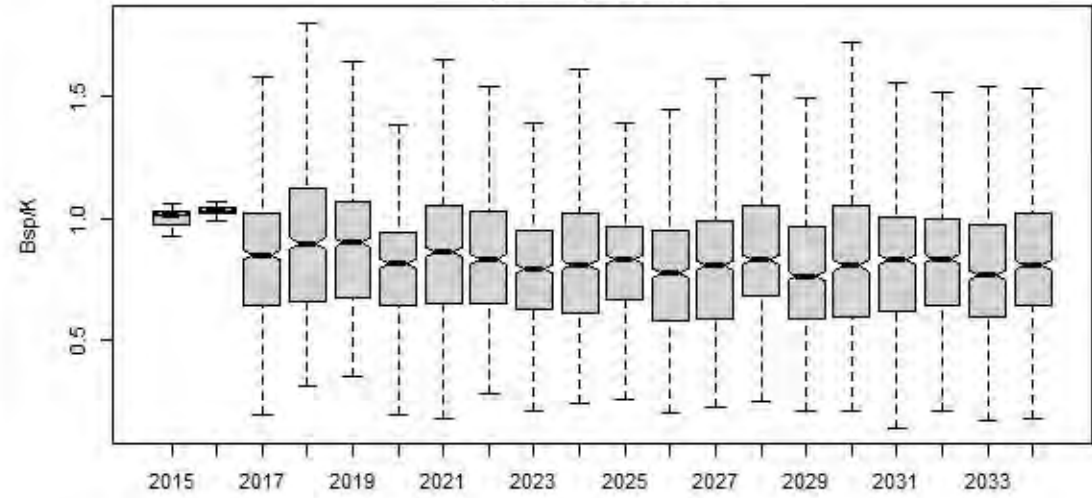
rHCR8



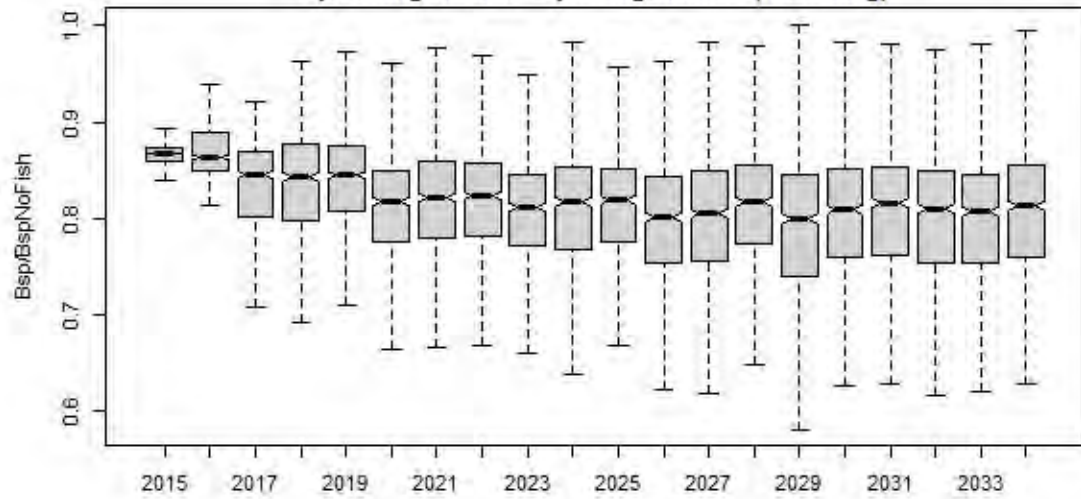
Spawning biomass



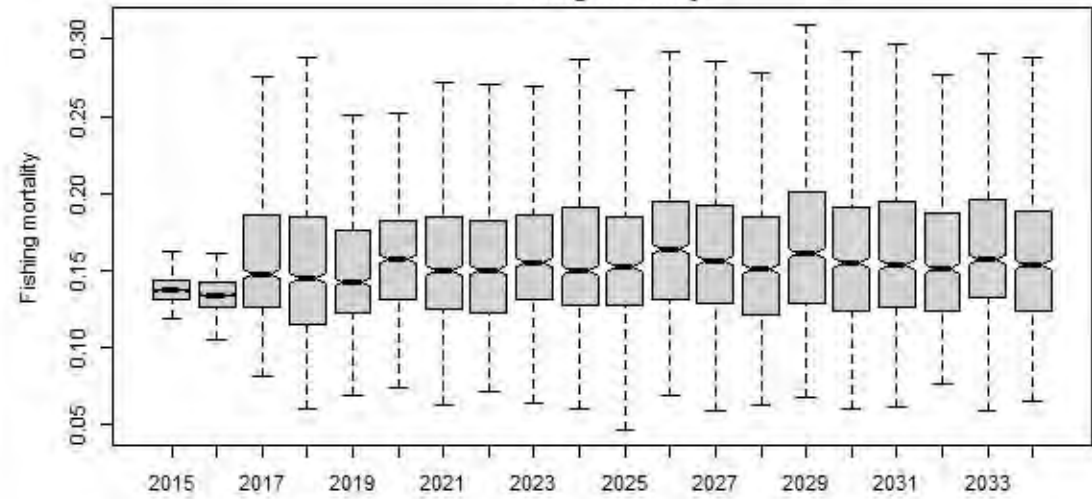
Spawning biomass/K



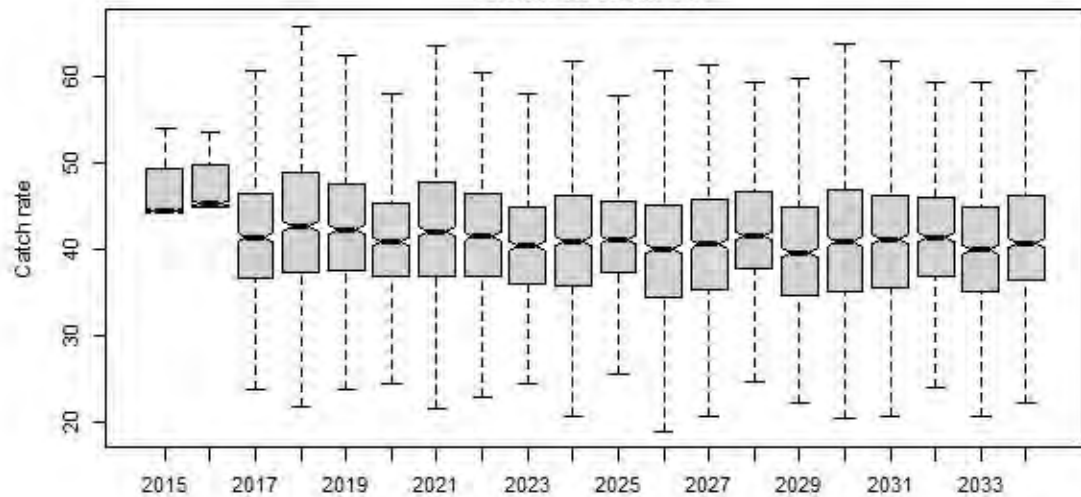
Spawning biomass/Spawning biomass(no fishing)



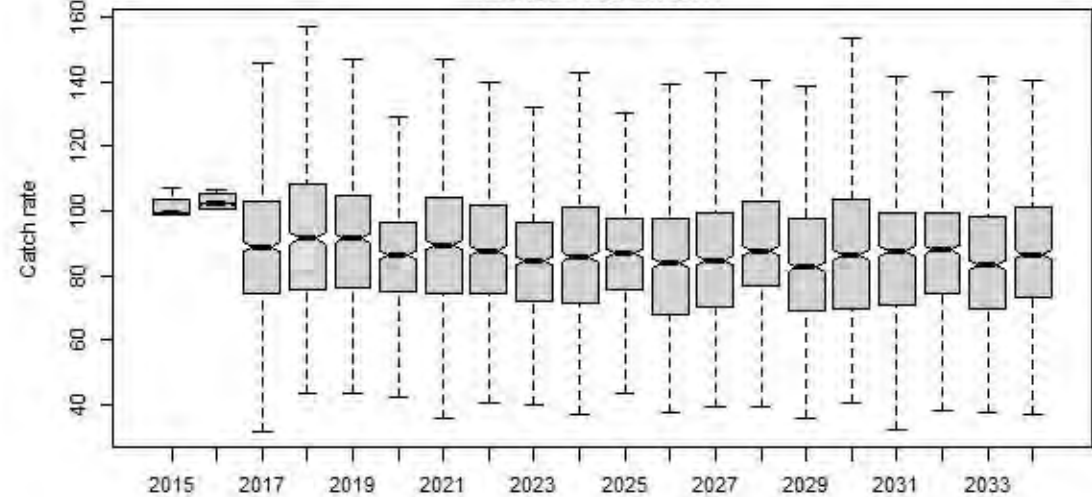
Fishing mortality



Actual CPUE of TIB

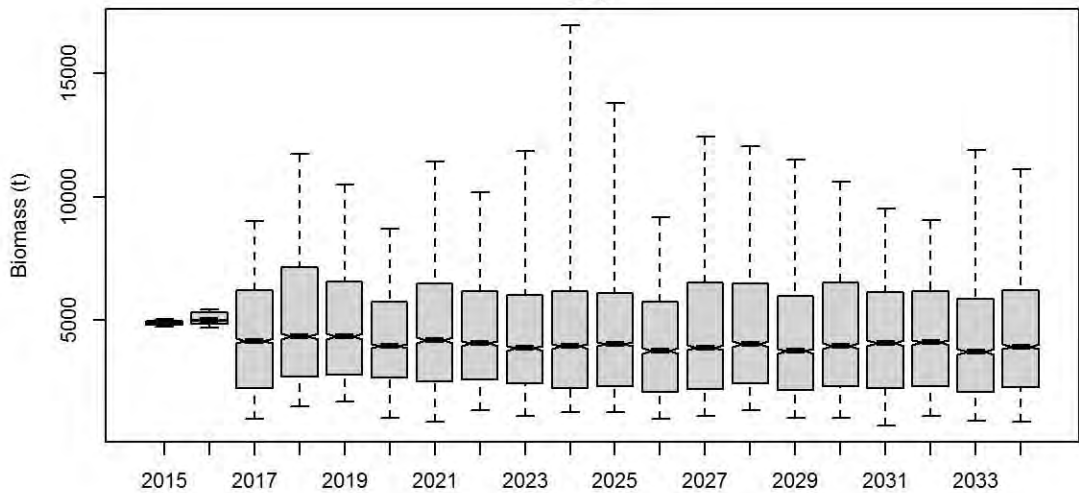


Actual CPUE of TVH

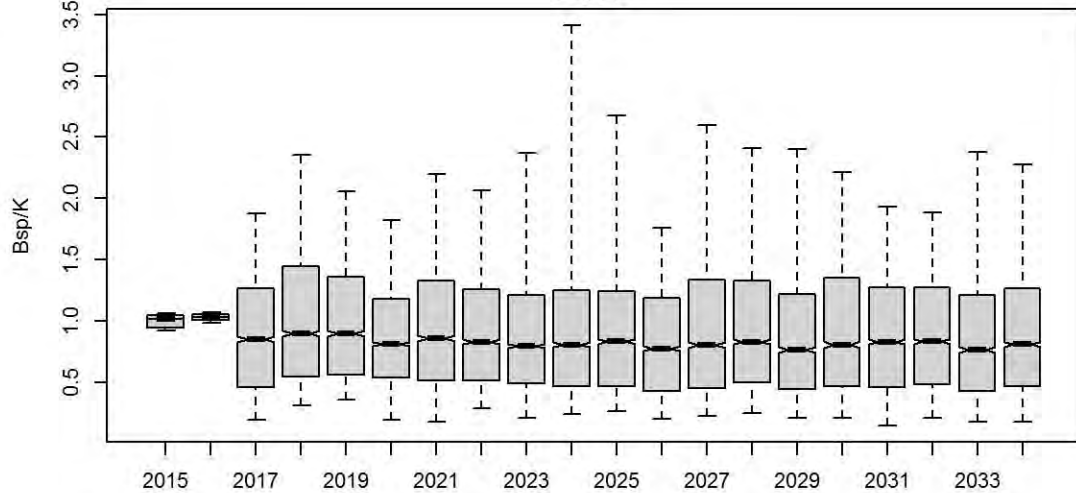


rHCR8

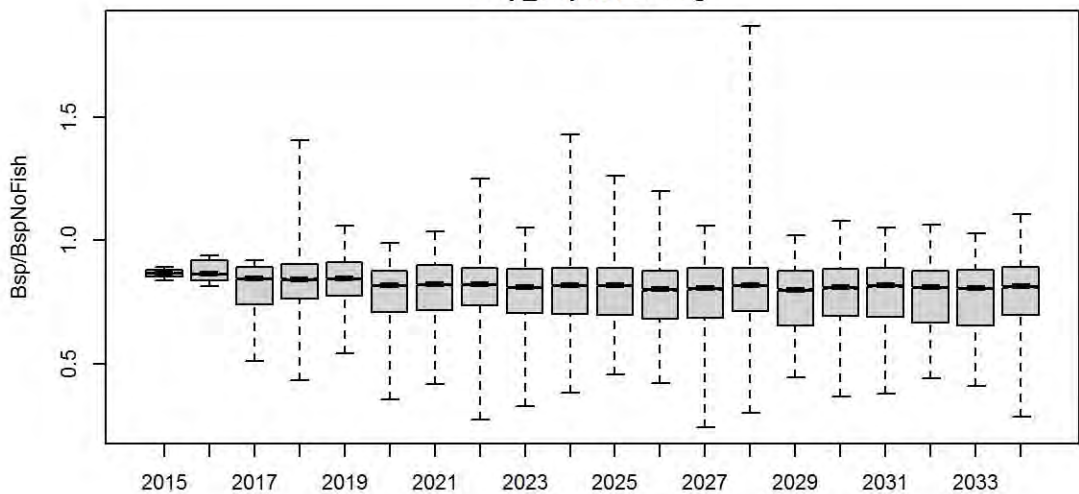
Bsp



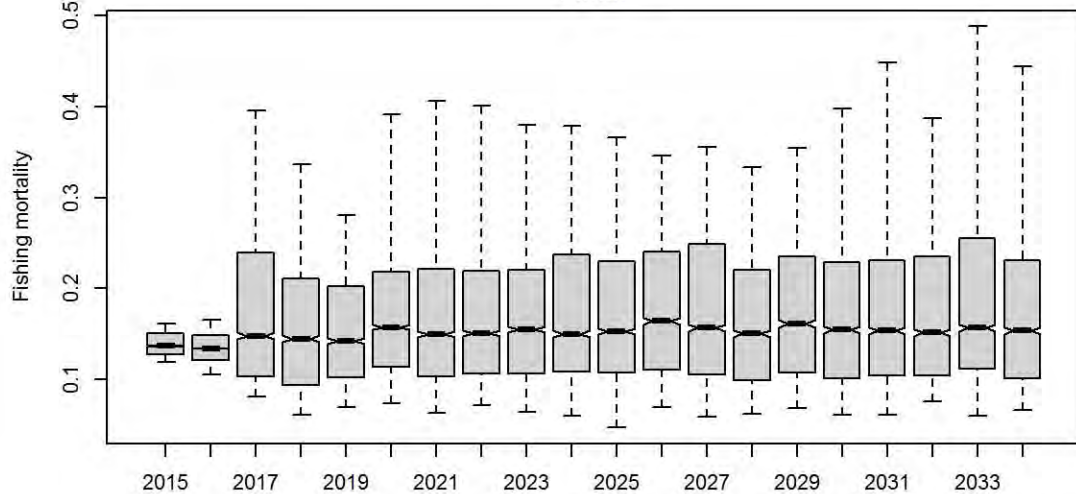
Bsp_K



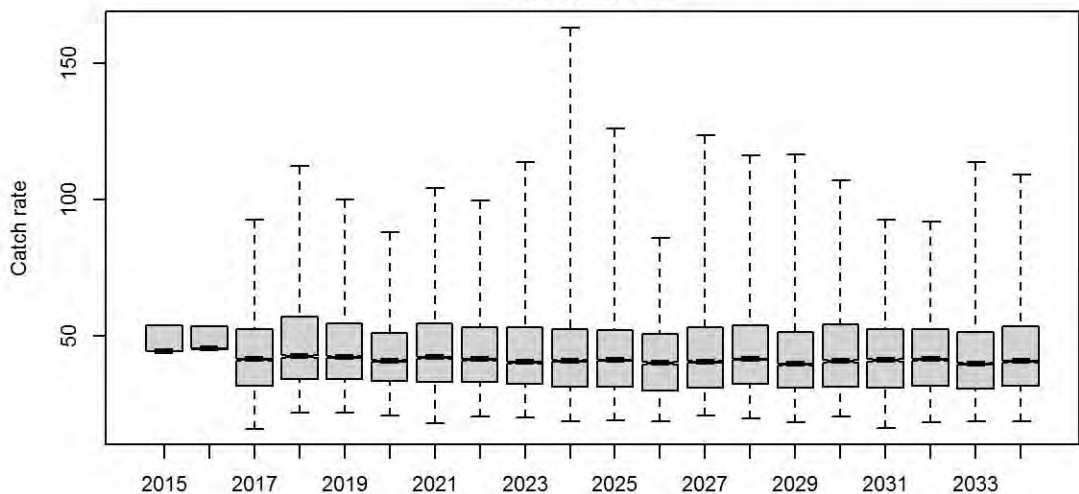
Bsp_BspNoFishing



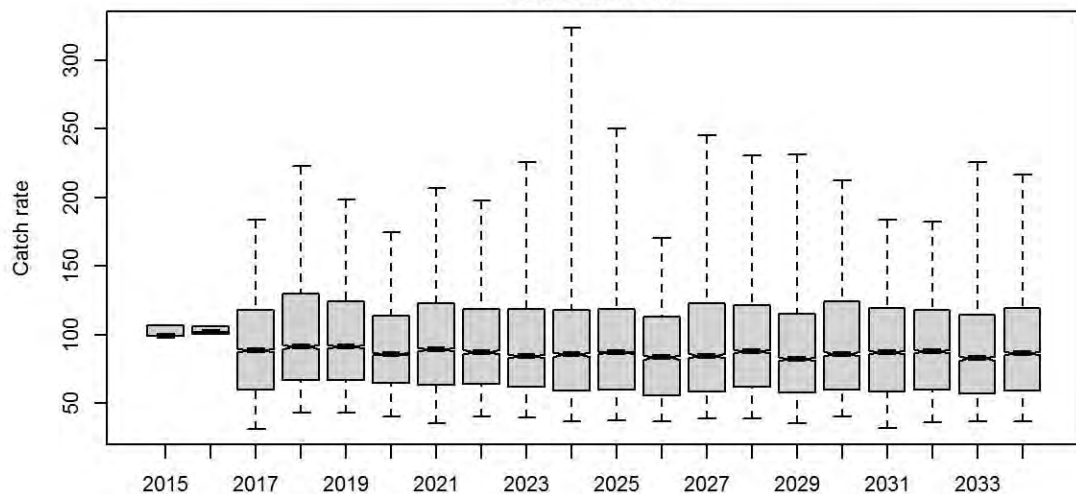
F.mal



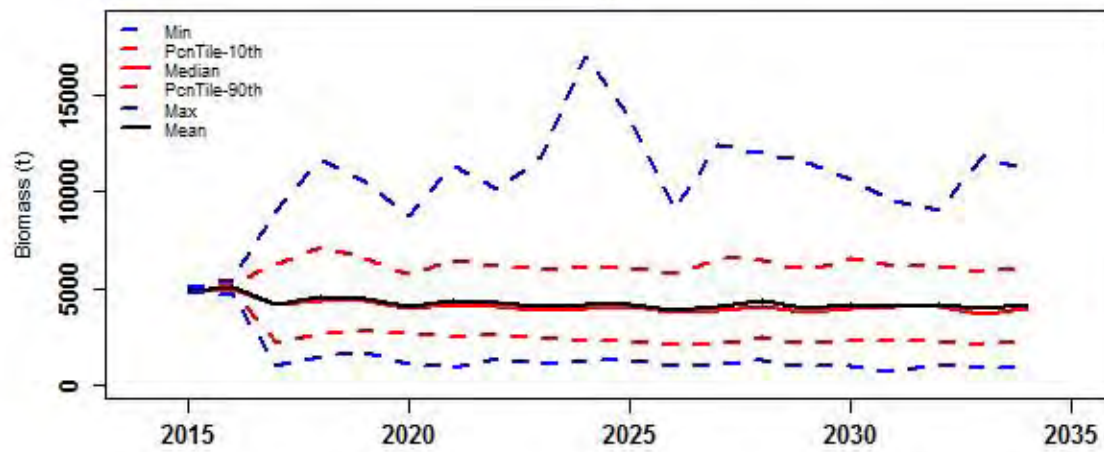
ActlCPUE.TIB



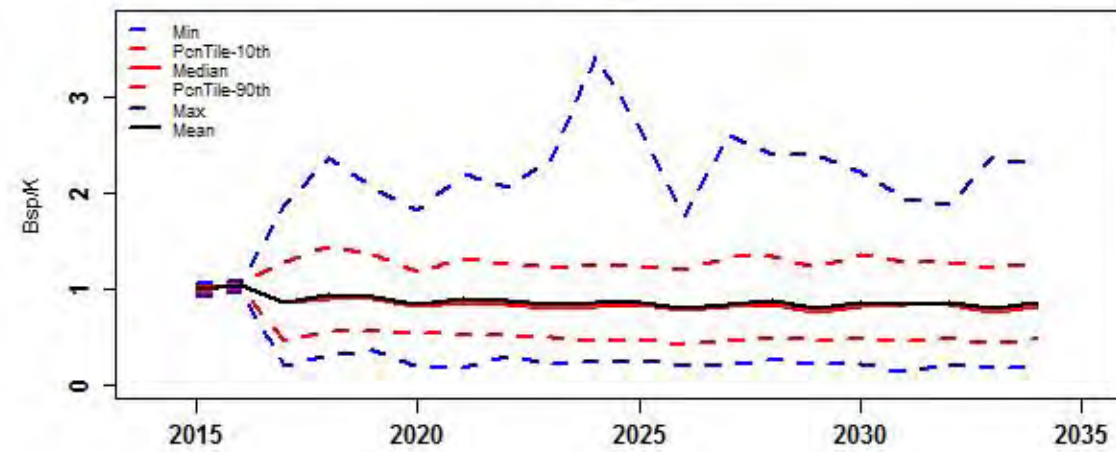
ActlCPUE.TVH



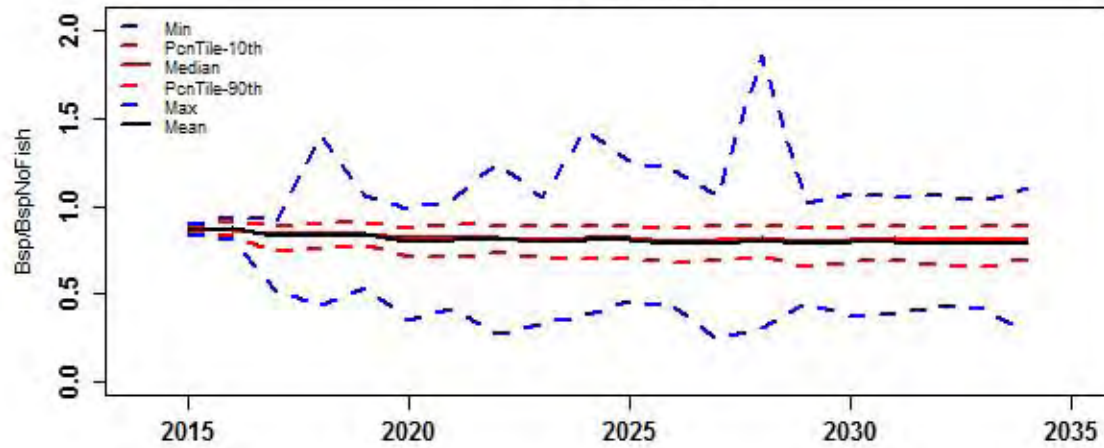
Bsp



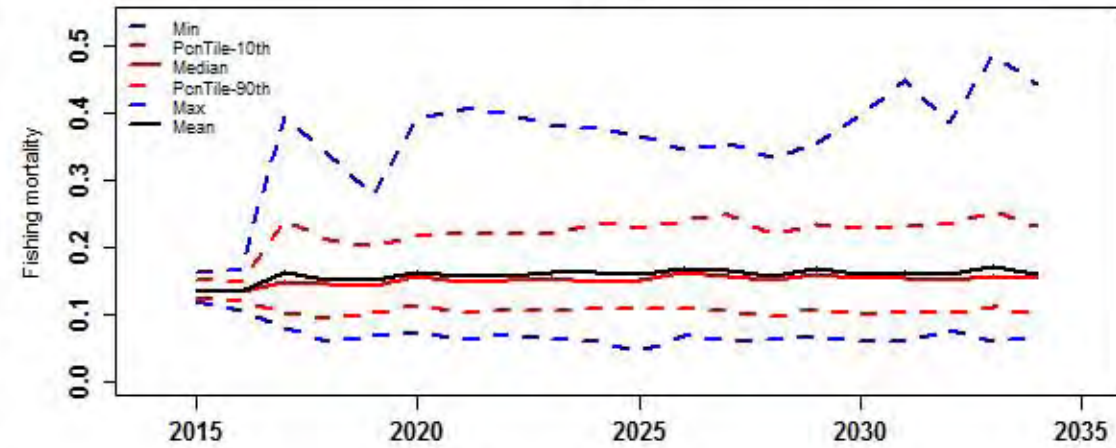
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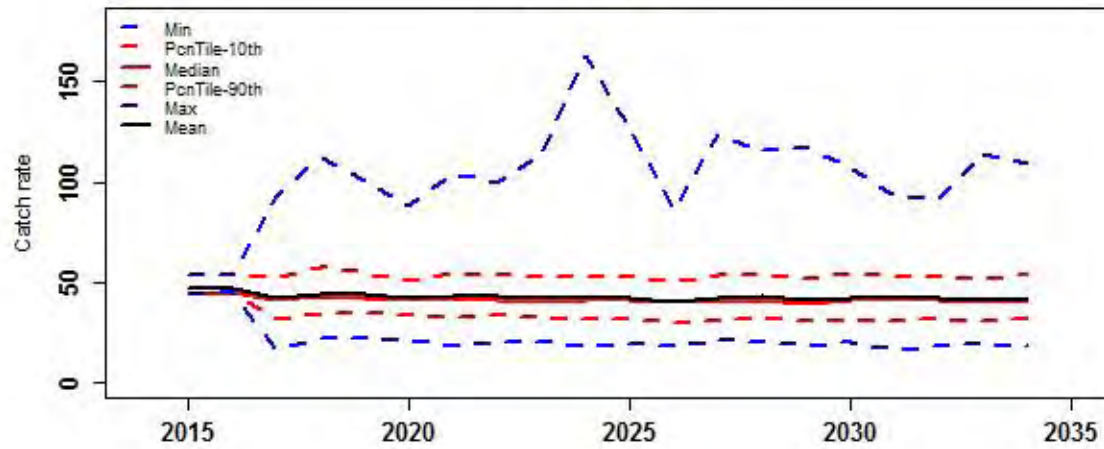
Bsp_BspNoFishing



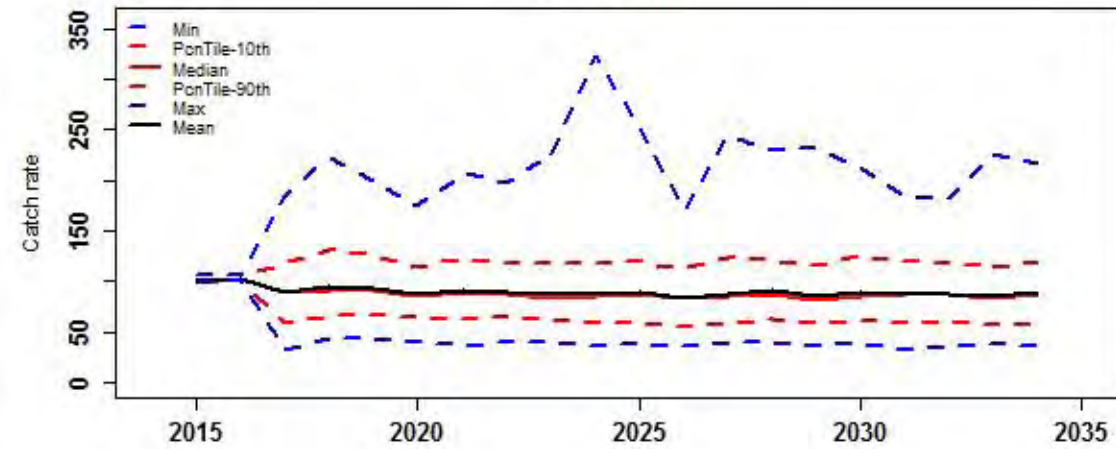
F.mal



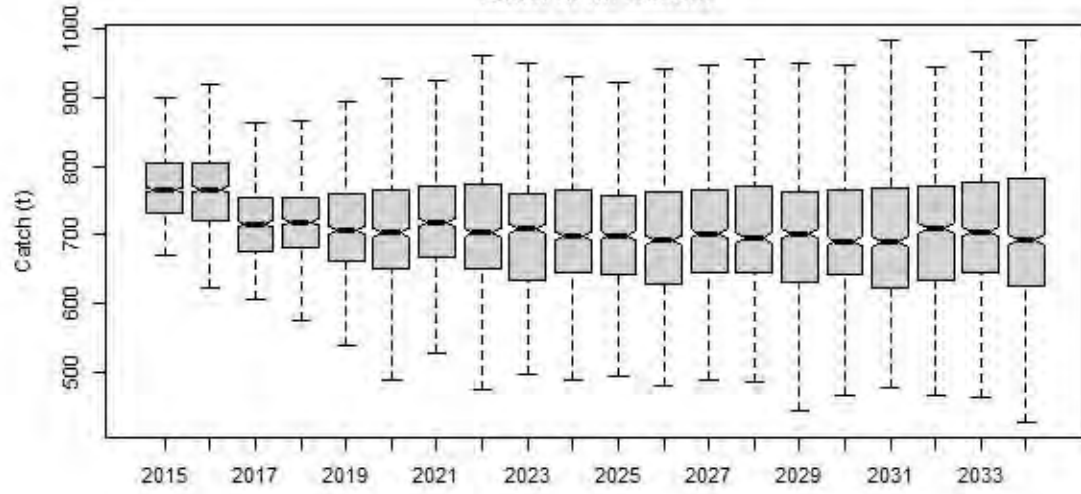
ActlCPUE.TIB



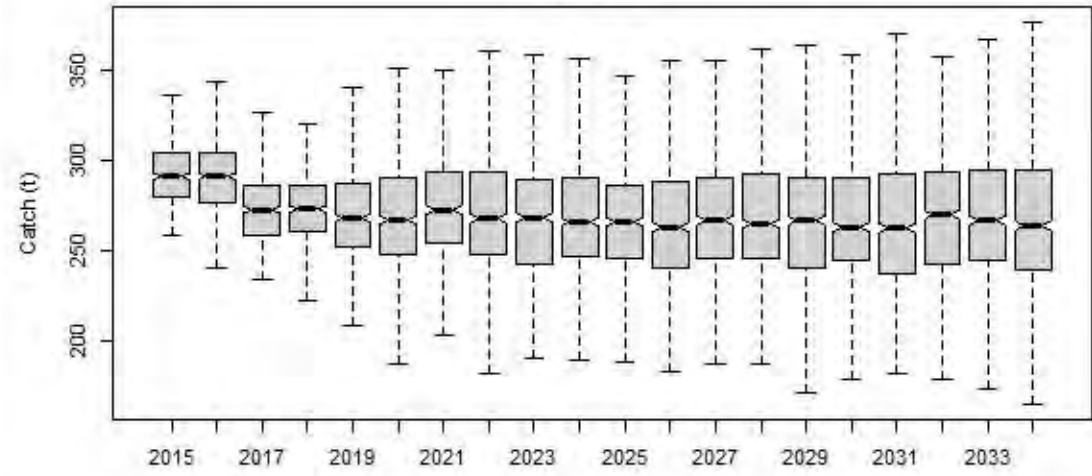
ActlCPUE.TVH



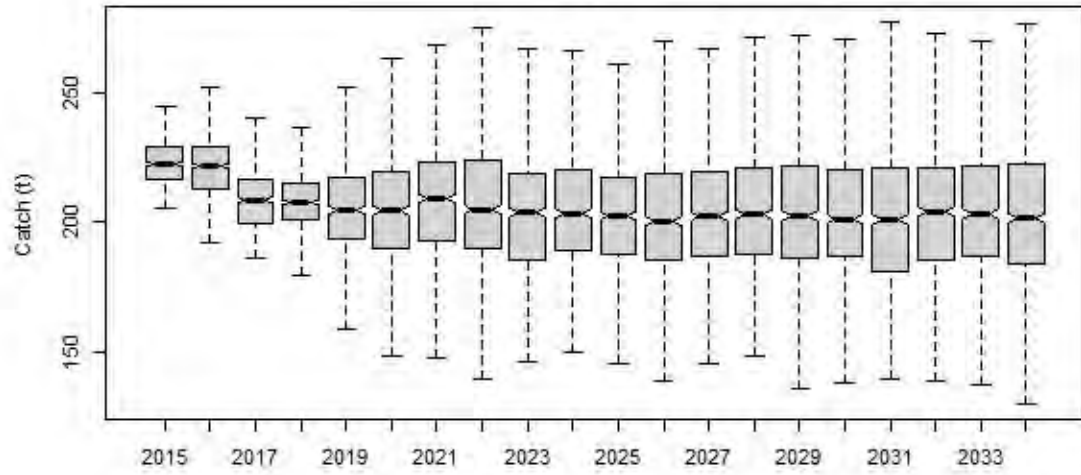
Catch of all sectors



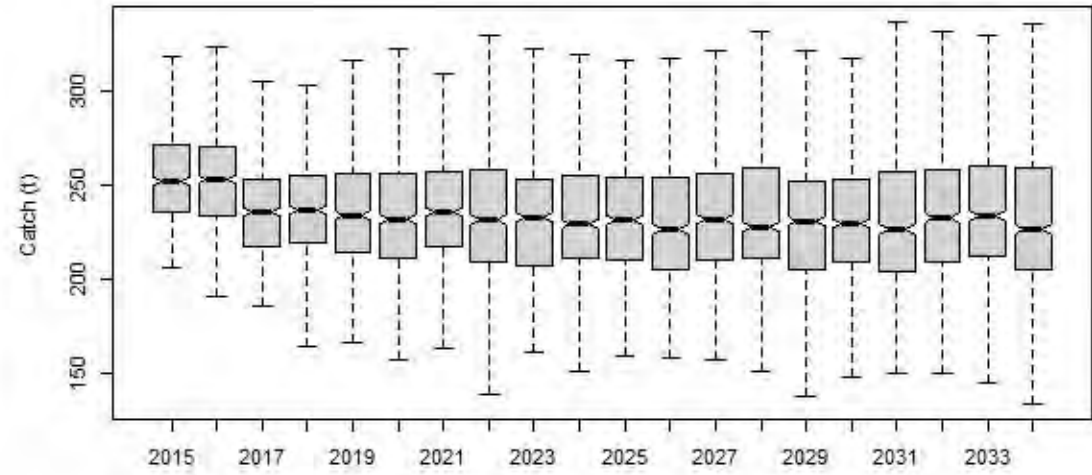
Catch of TIB



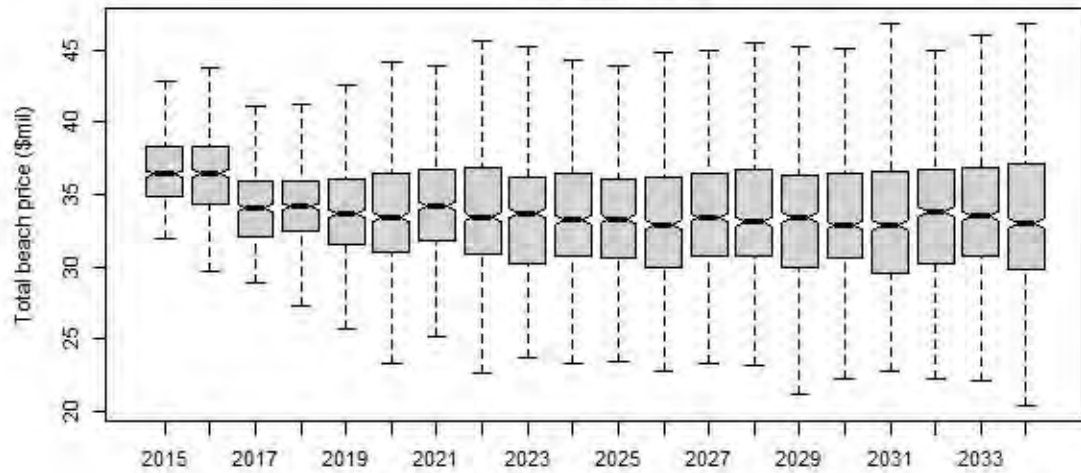
Catch of TVH



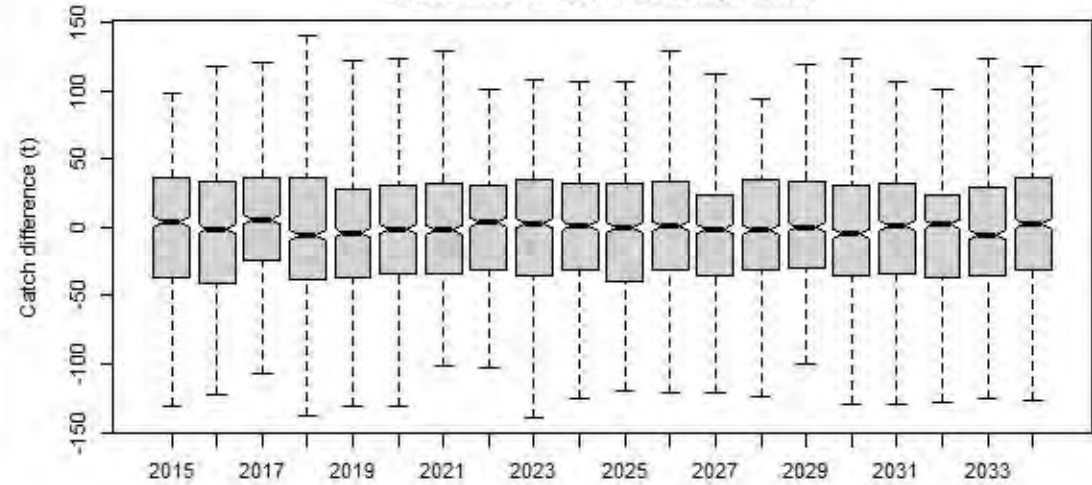
Catch of PNG



Total beach price

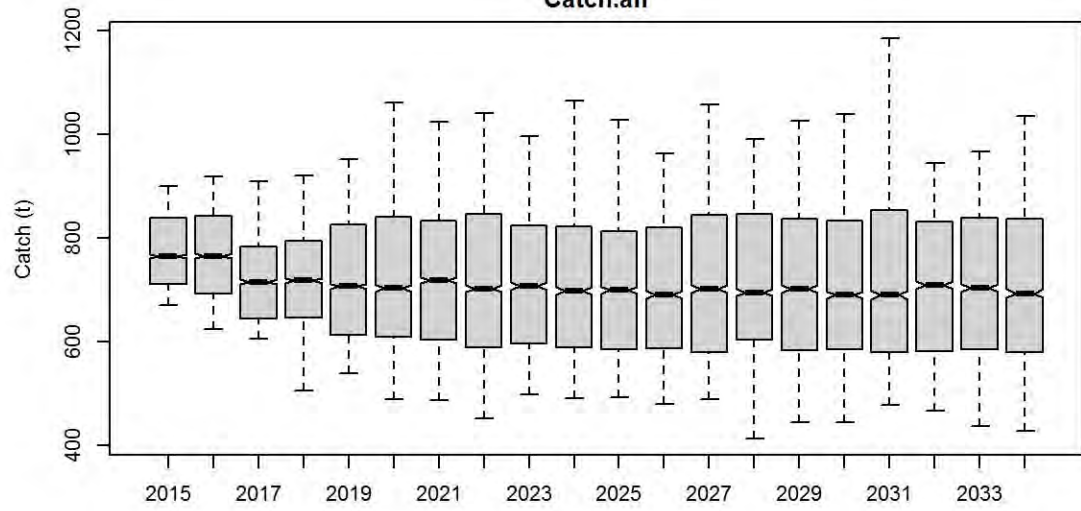


Difference of TAC and actual catch

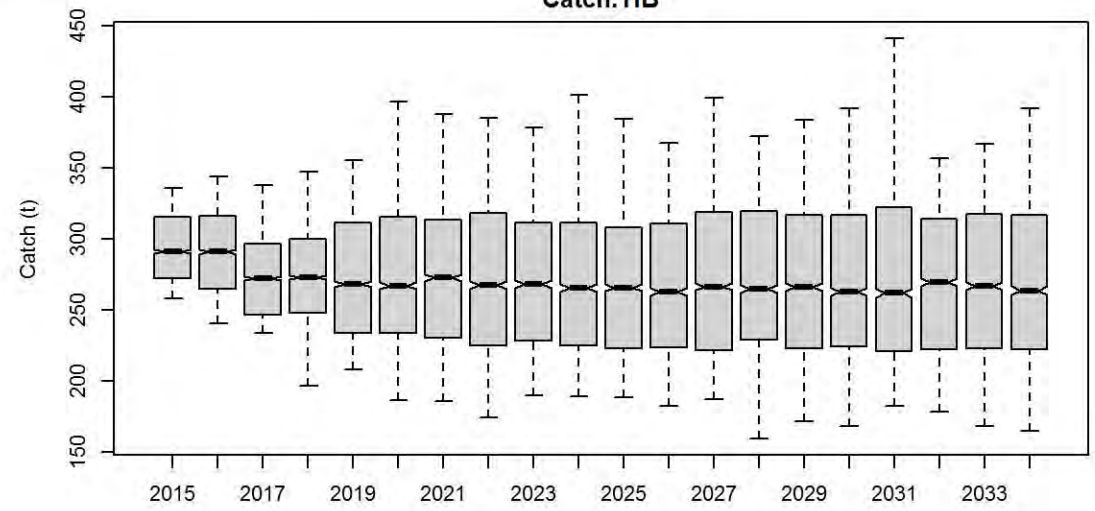


rHCR8

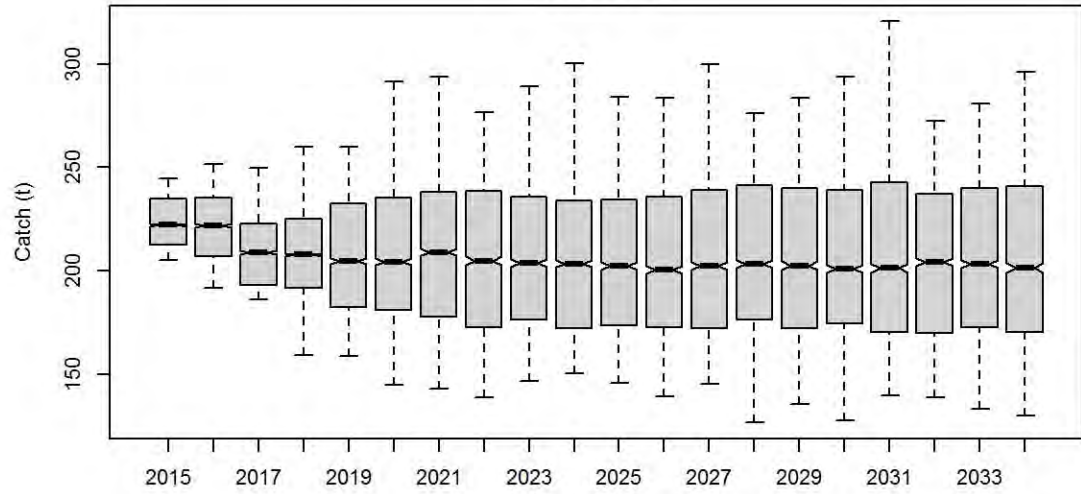
Catch.all



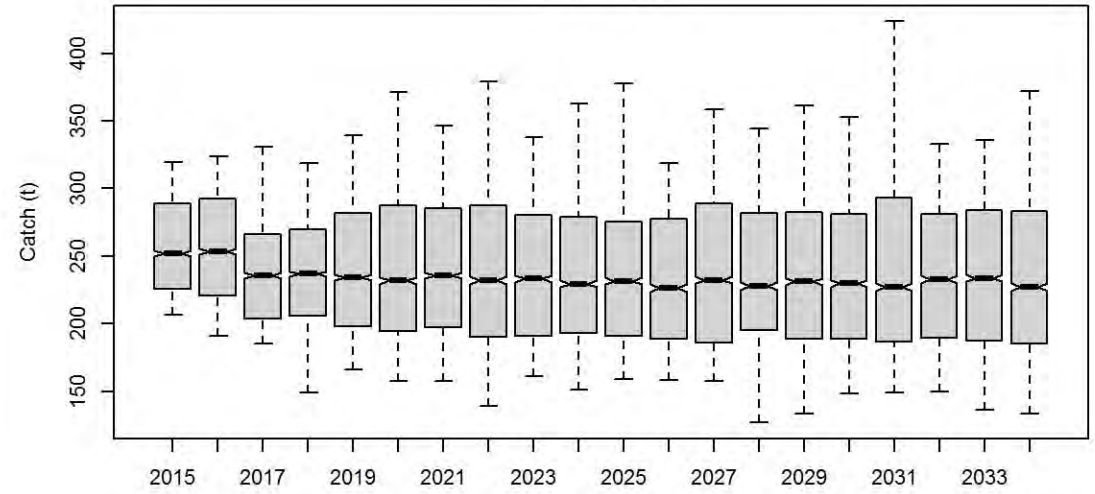
Catch.TIB



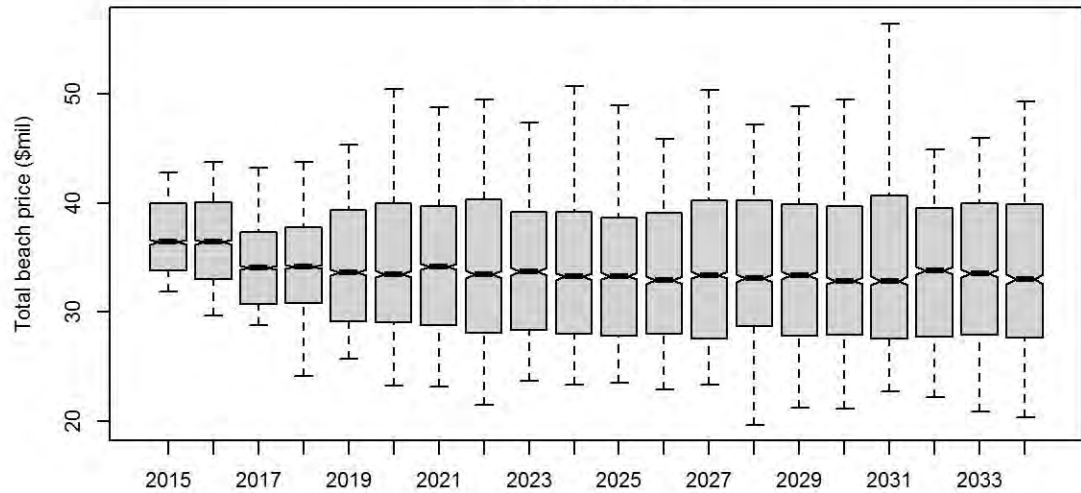
Catch.TVH



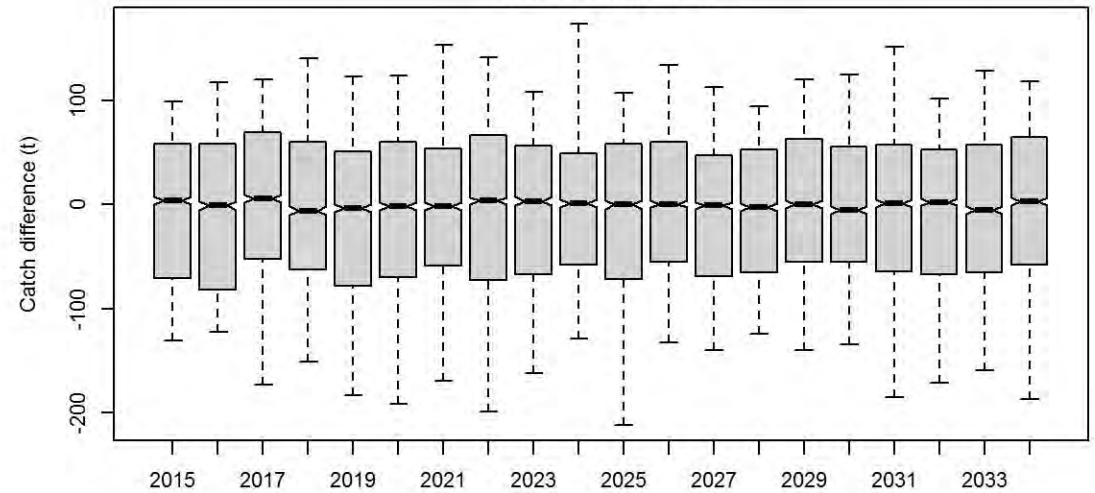
Catch.PNG



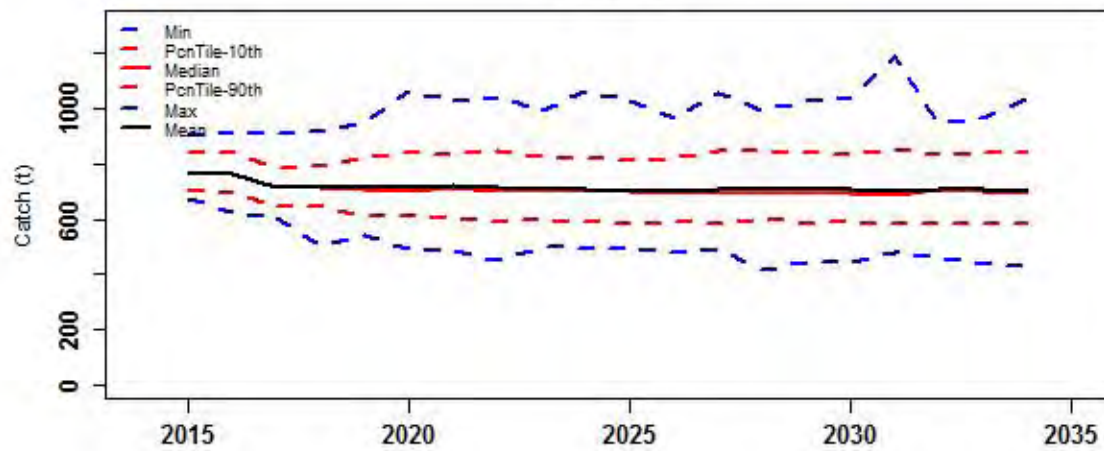
TotBeachPrice



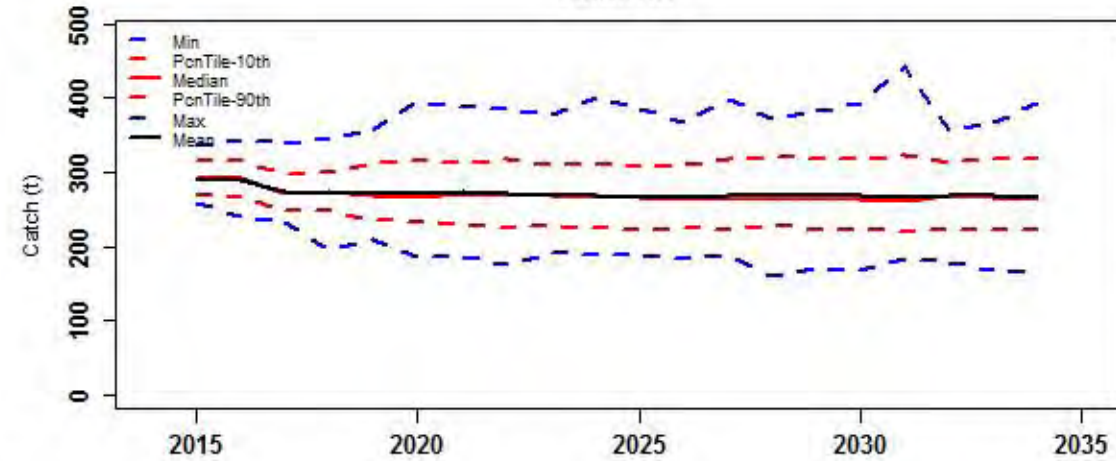
Diff.TAC.actlCatch



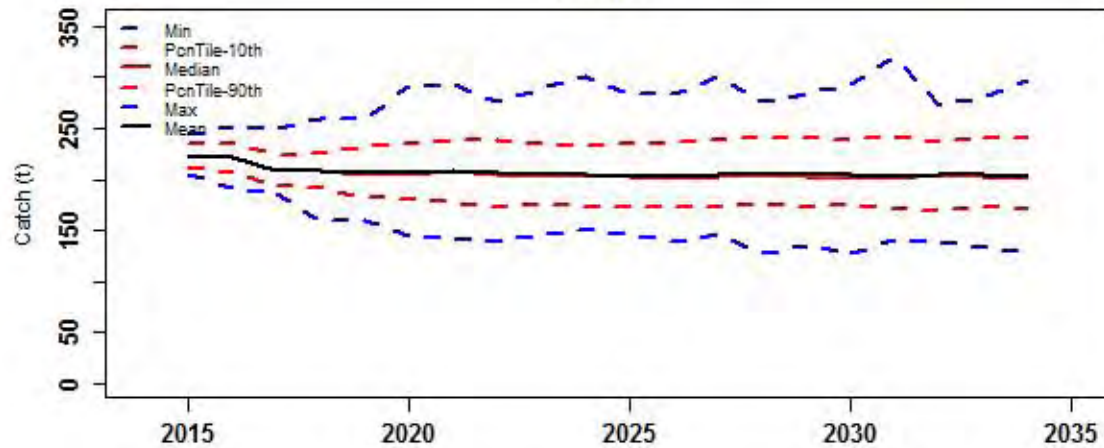
Catch.all



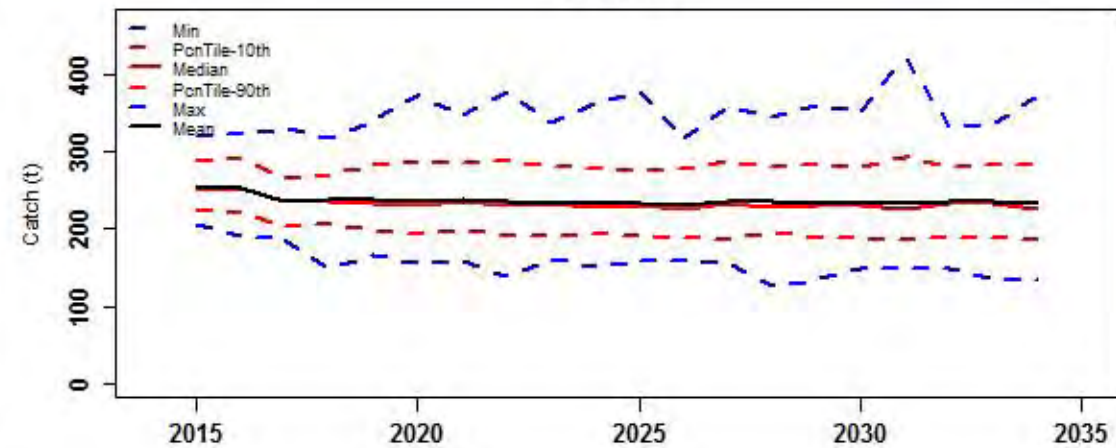
Catch.TIB



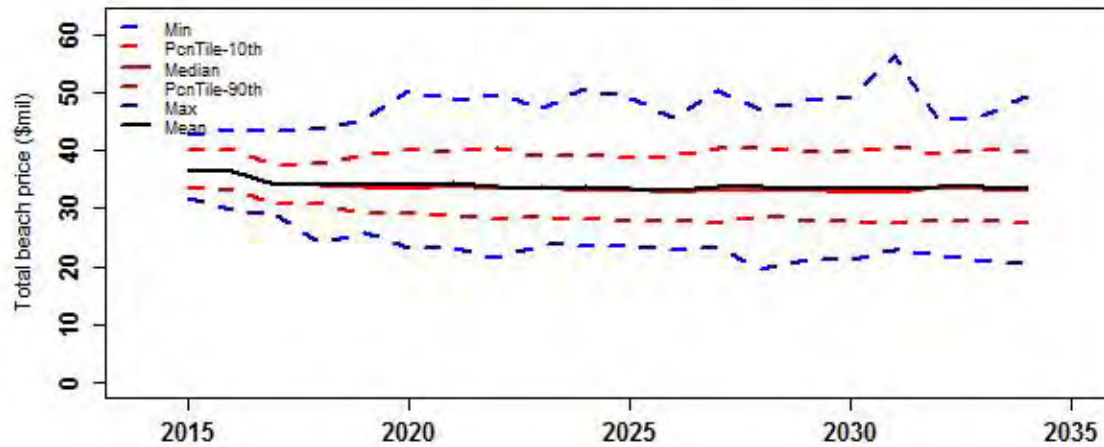
Catch.TVH



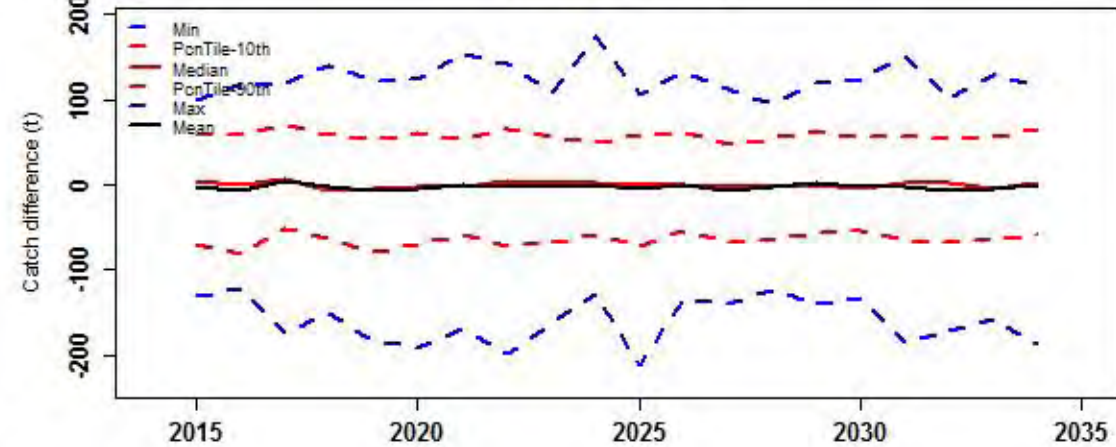
Catch.PNG



TotBeachPrice



Diff.TAC.actlCatch



Risk properties

probability

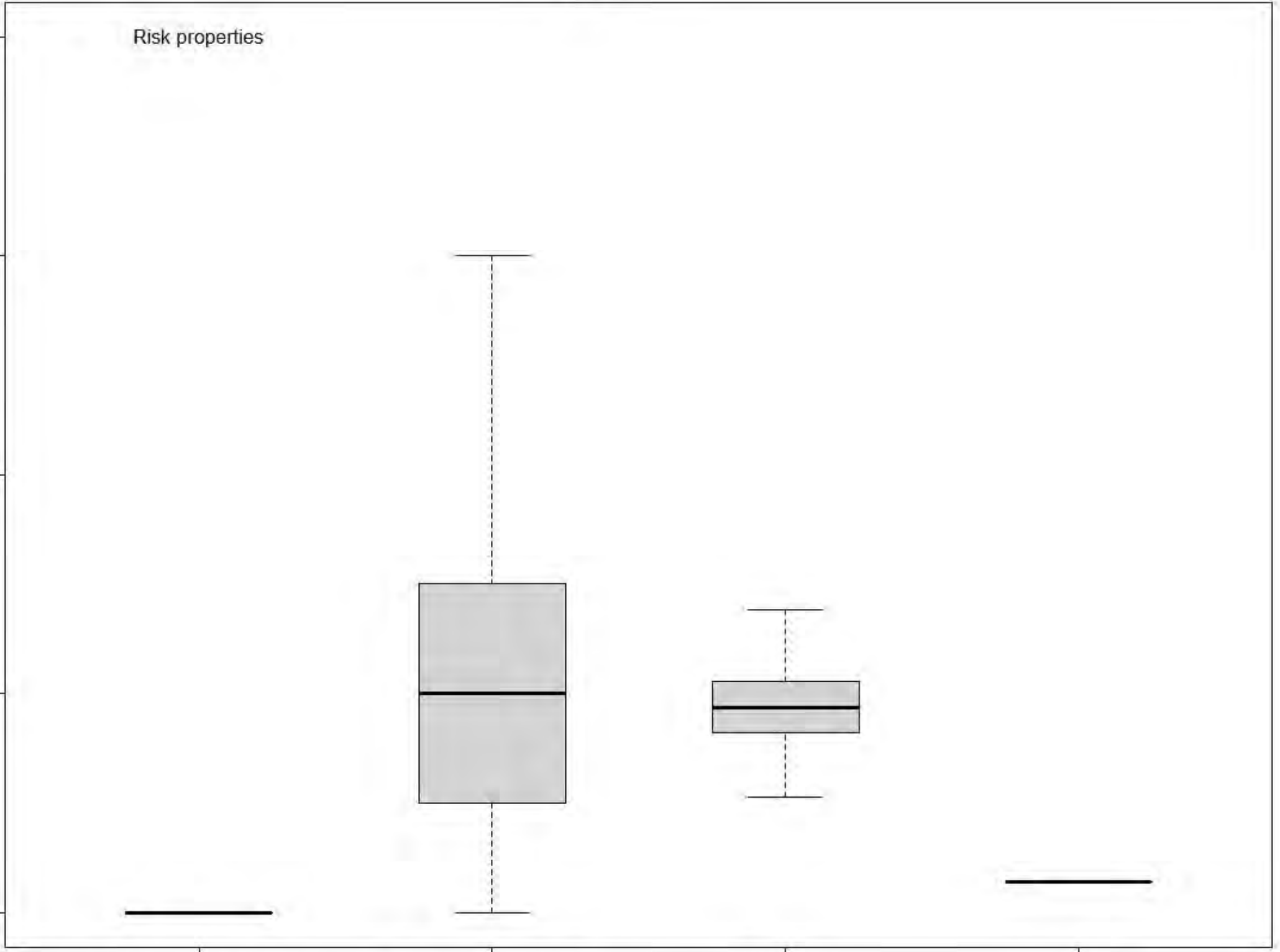
0.4
0.3
0.2
0.1
0.0

Prop_times_Bsp.0.32K

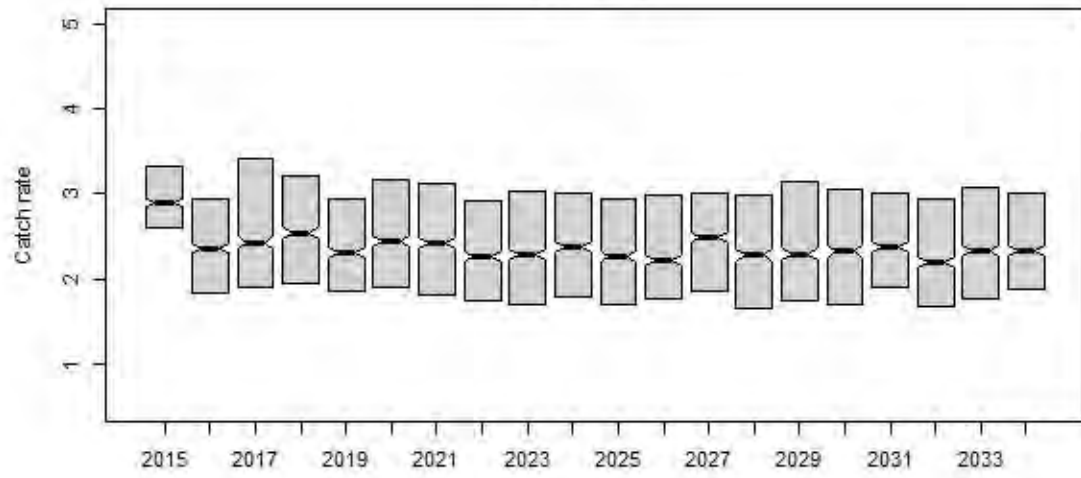
Prop_times_Bsp.0.48K

AAV_catch

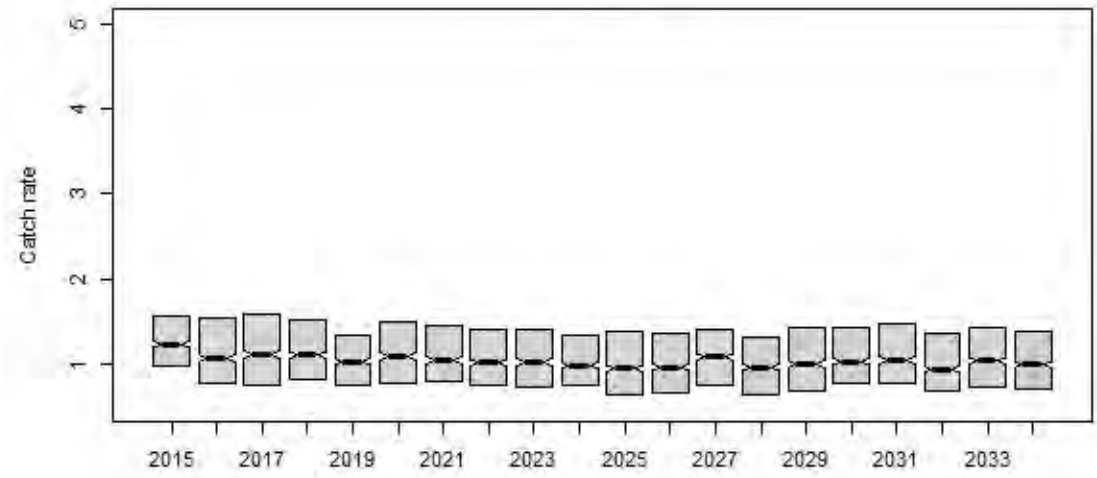
Prob_Closure



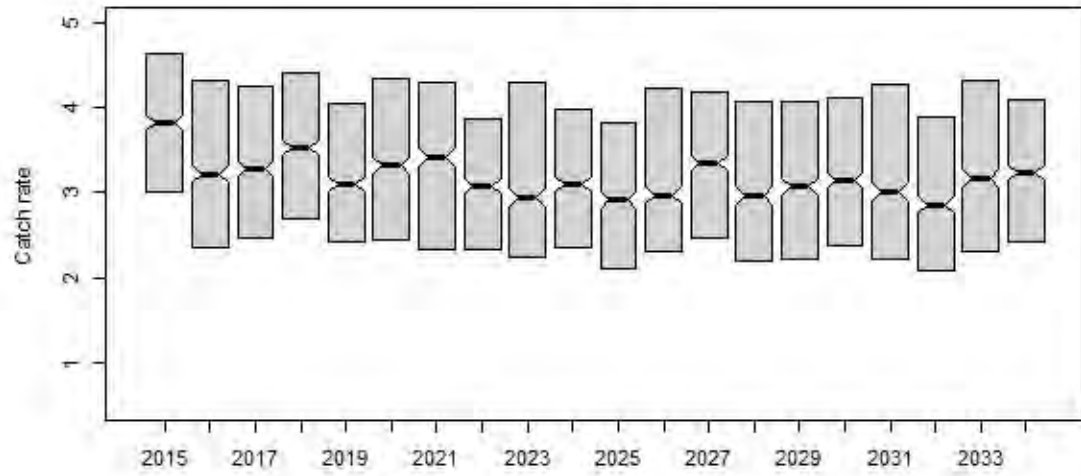
Preseas1



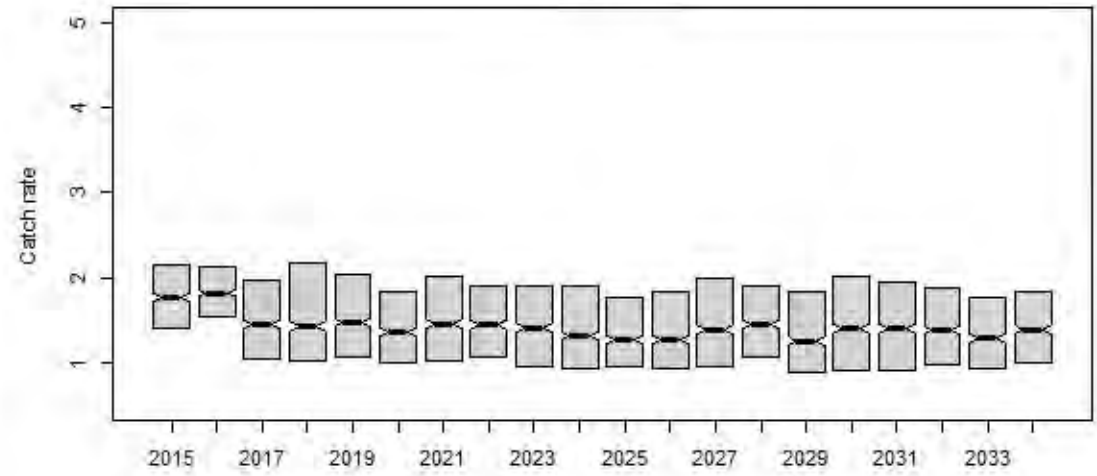
Preseas0



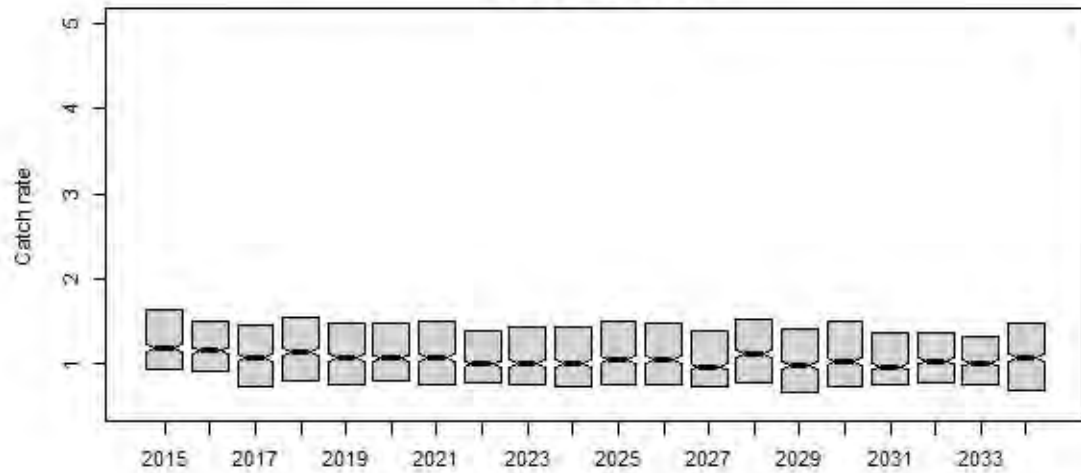
Midsurv1



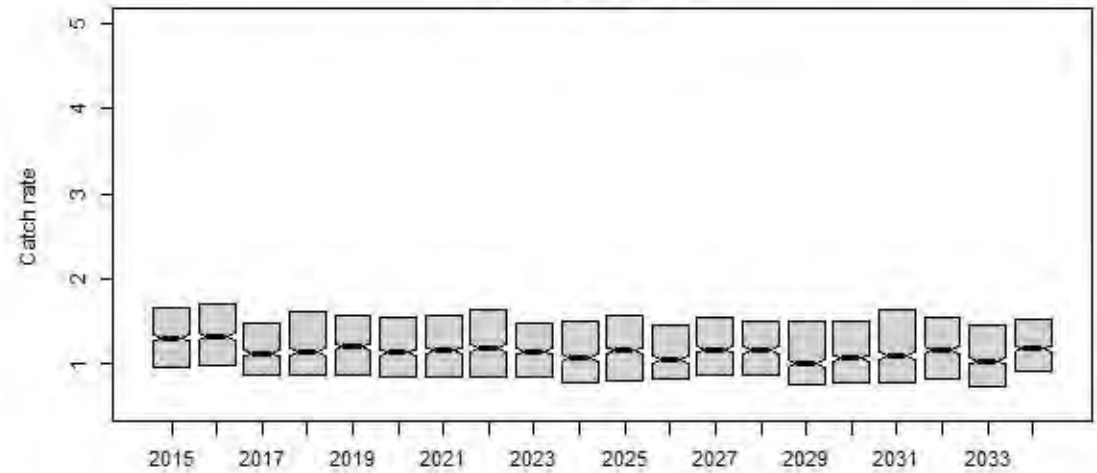
Midsurv2



Future_CPUE_TVH

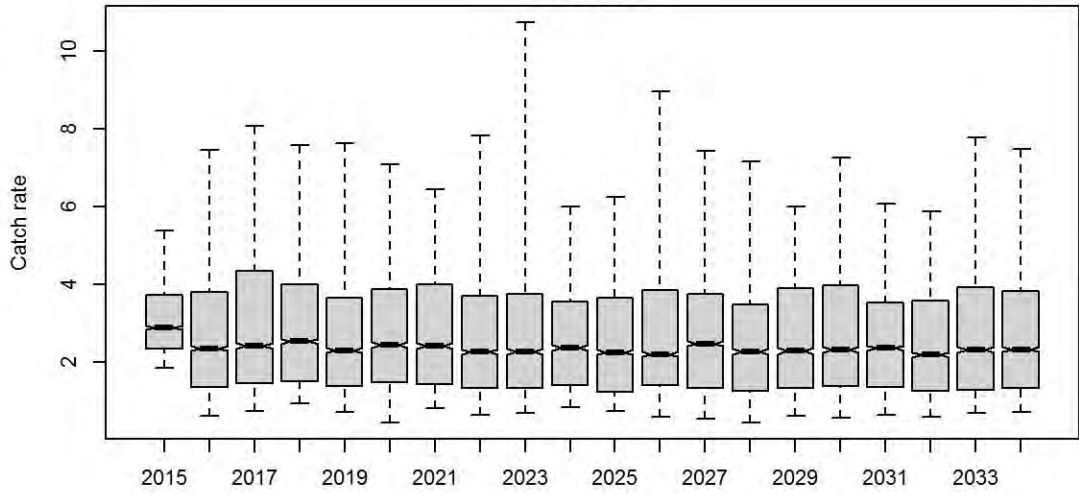


Future_CPUE_TIB

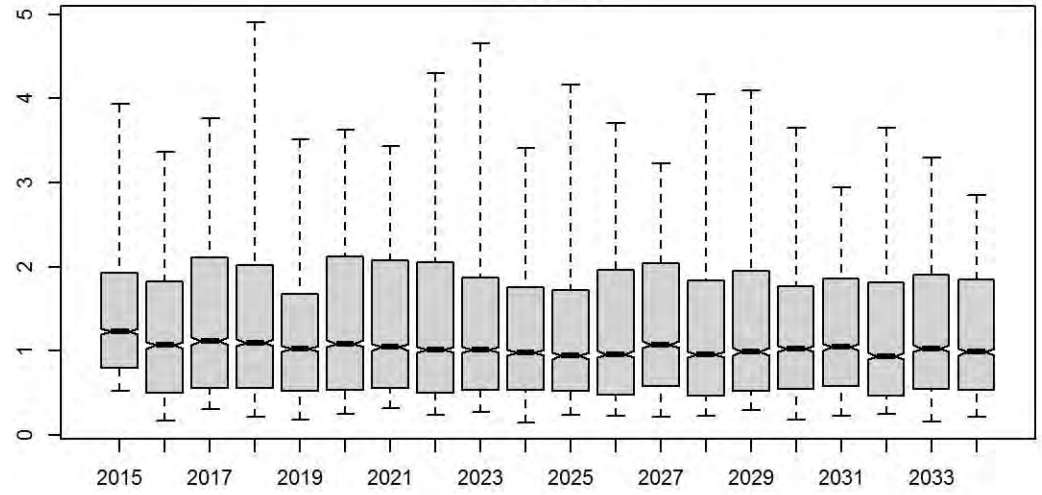


rHCR8

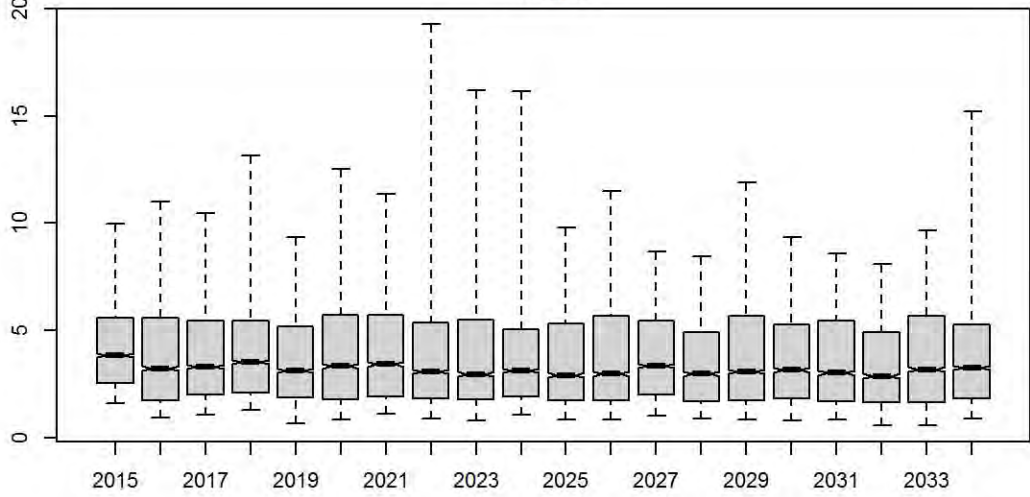
Preseas1



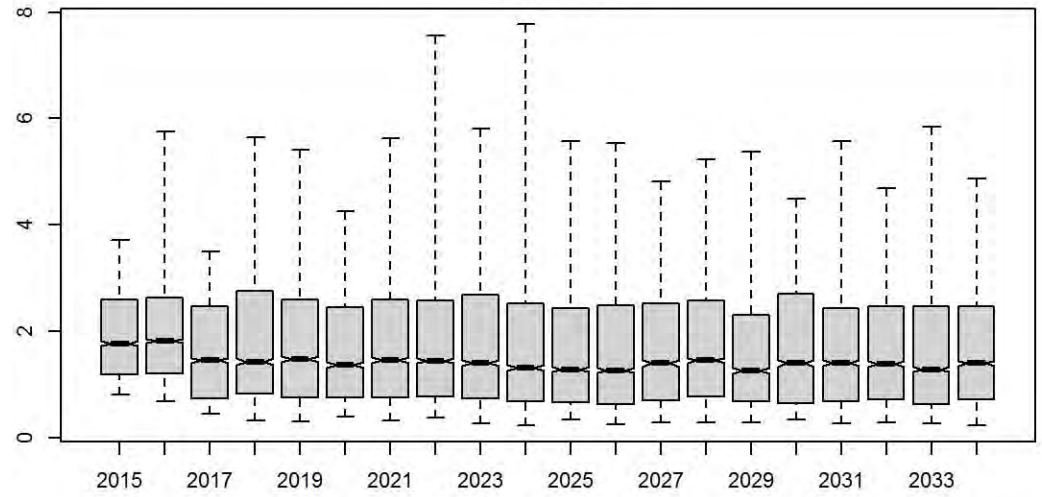
Preseas0



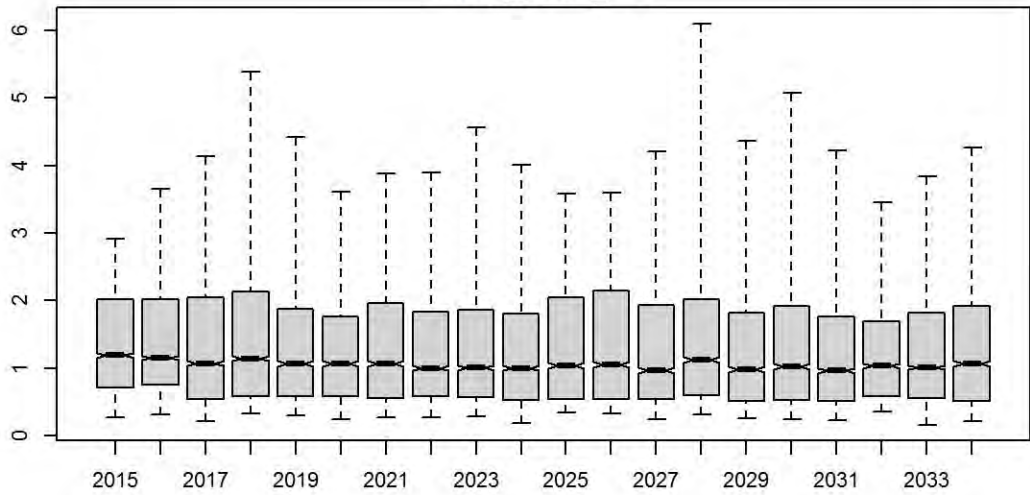
Midsurv1



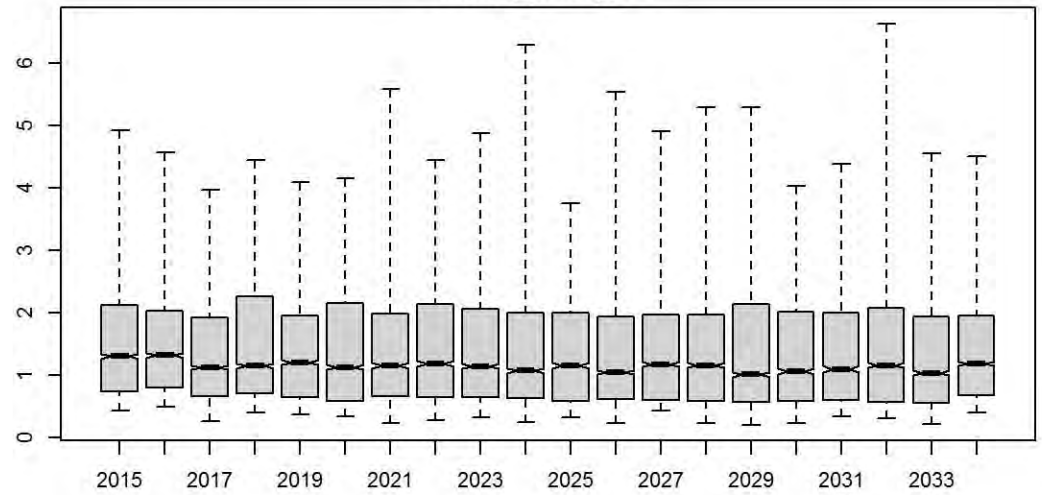
Midsurv2



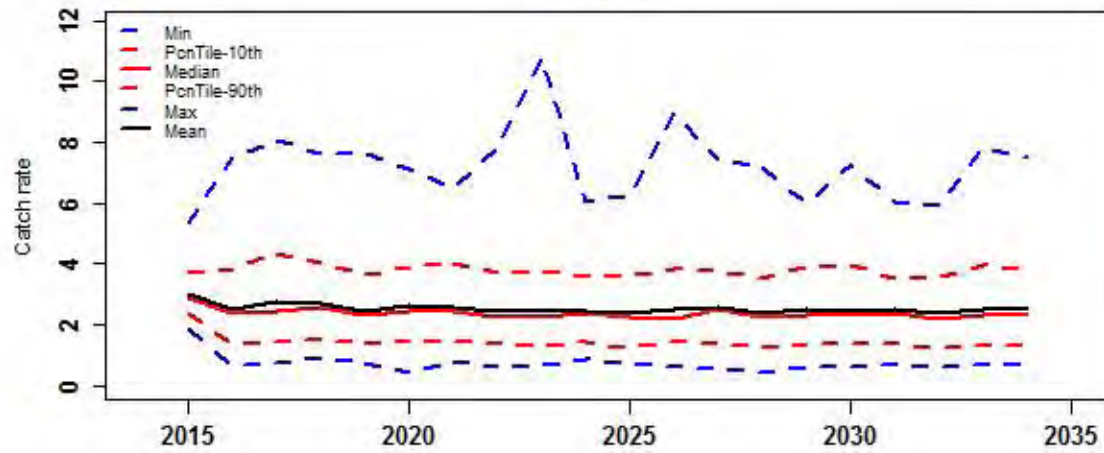
Future_CPUE_TVH



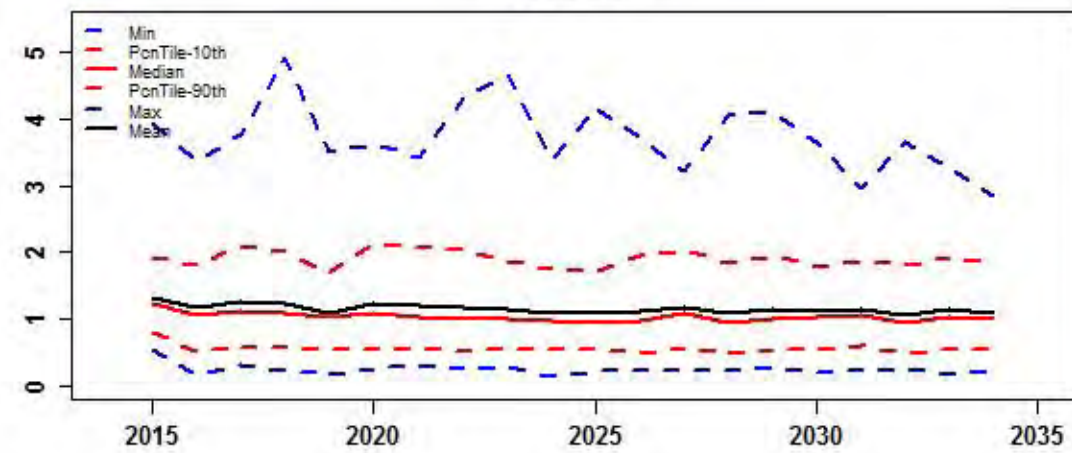
Future_CPUE_TIB



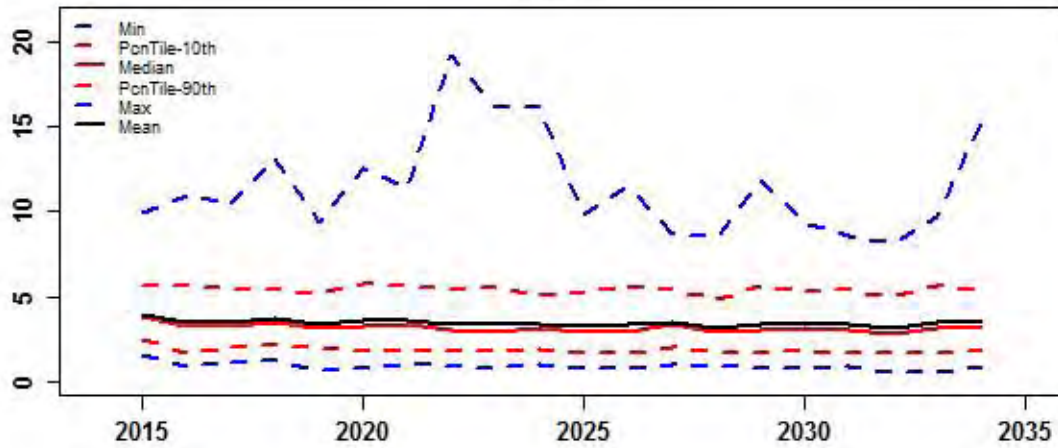
Preseas1



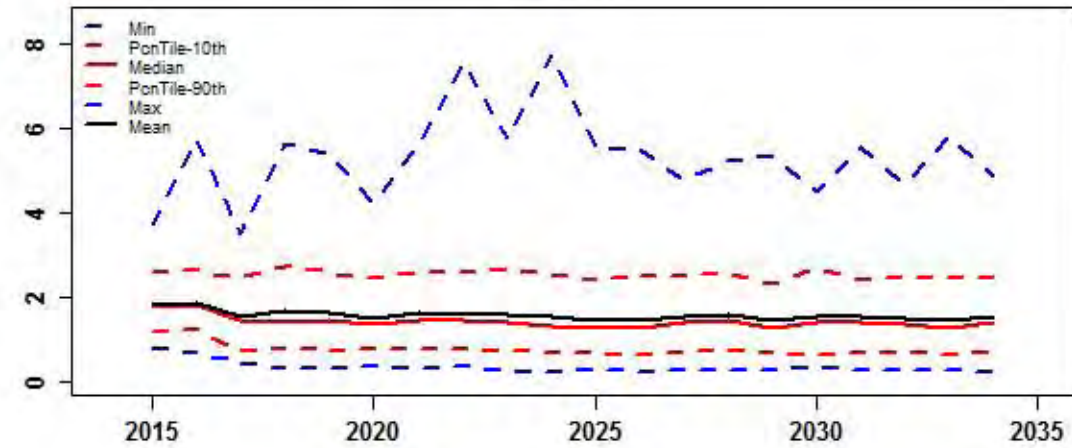
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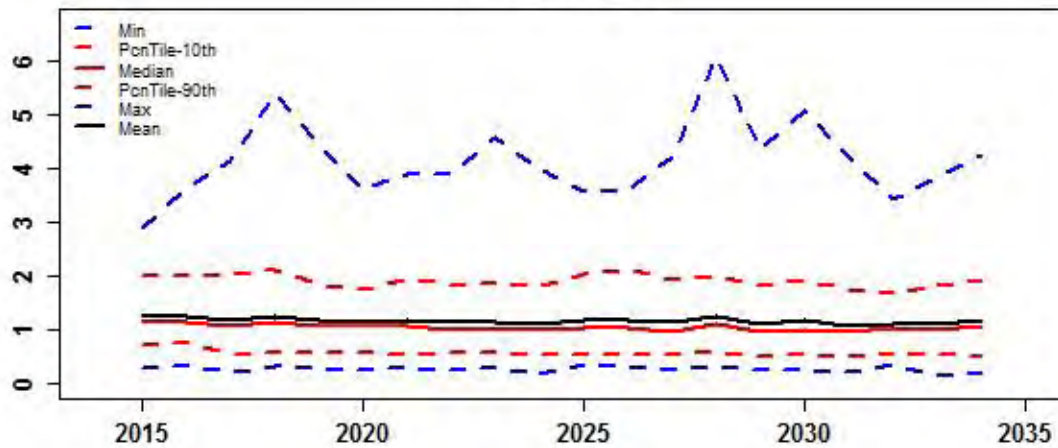
Midsurv1



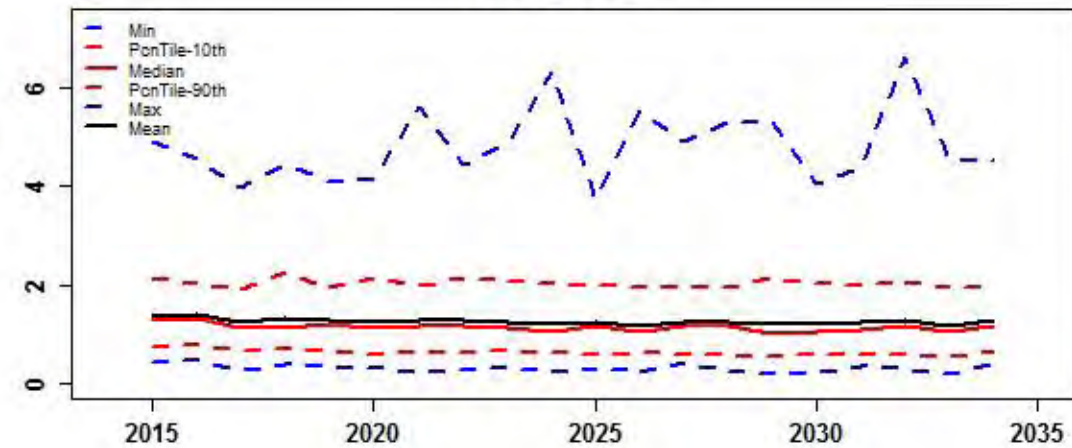
Midsurv2



Future_CPUE_TVH

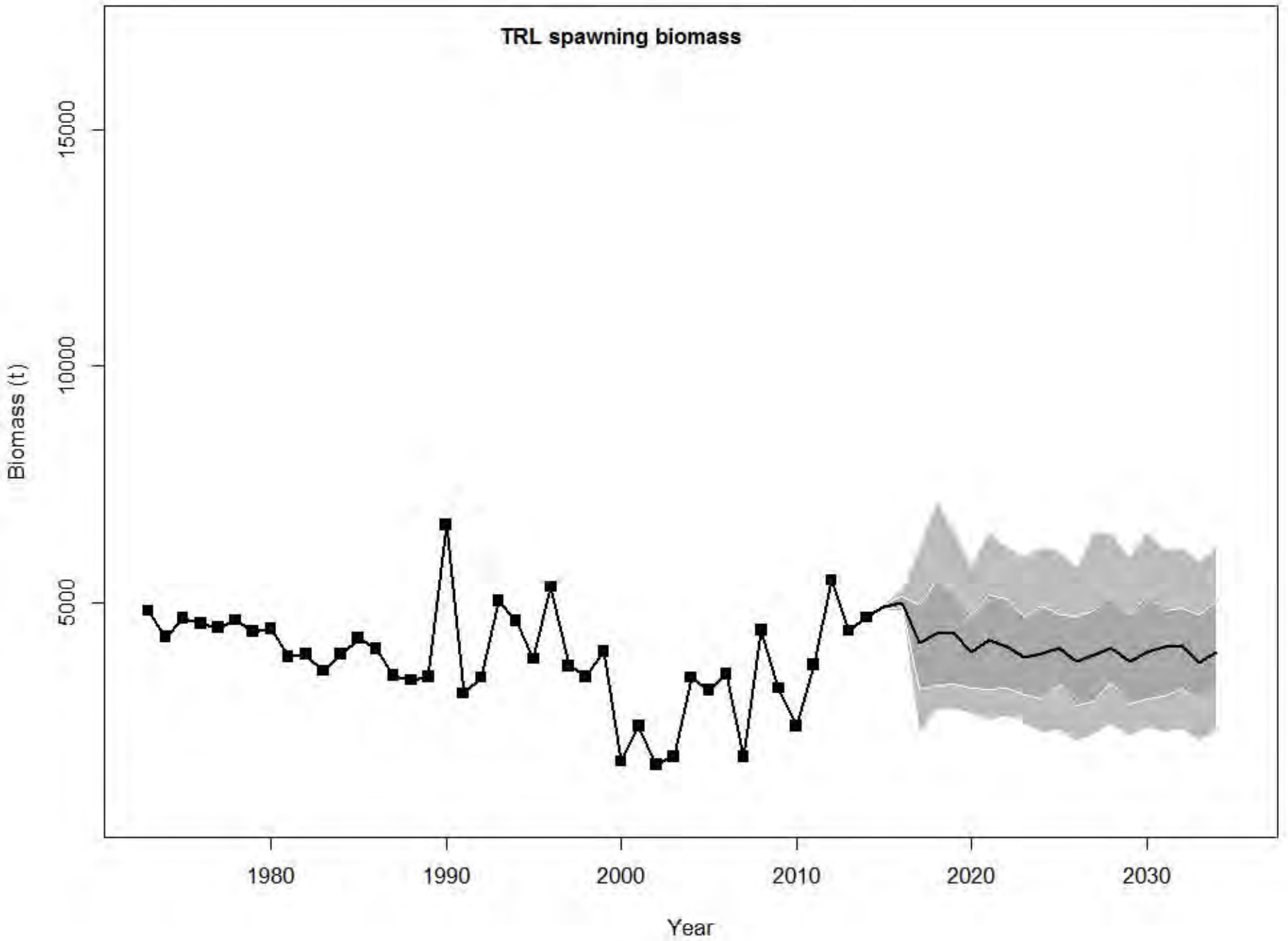


Future_CPUE_TIB

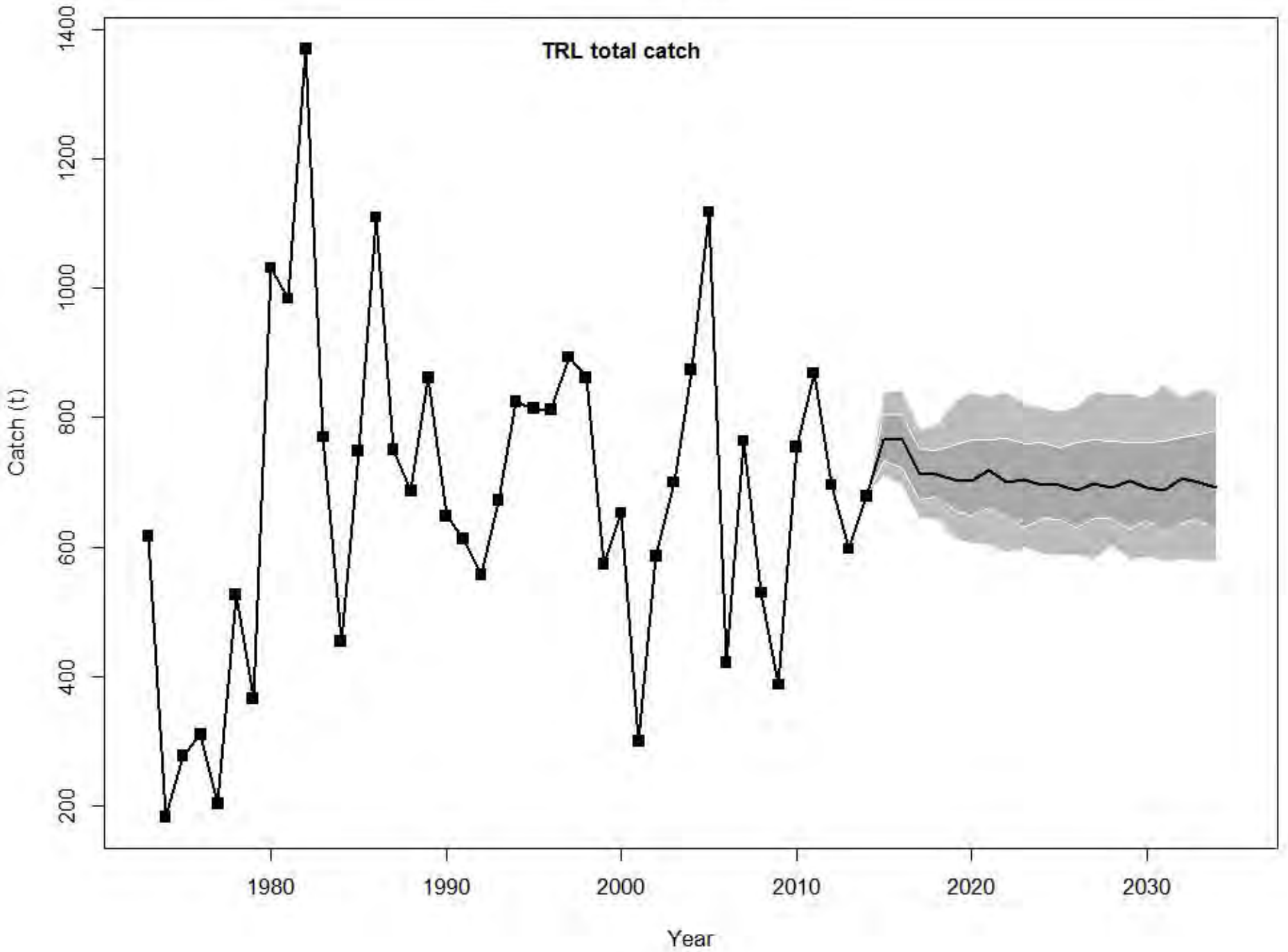


**HARVEST
CONTROL
RULE
SCENARIO 9**

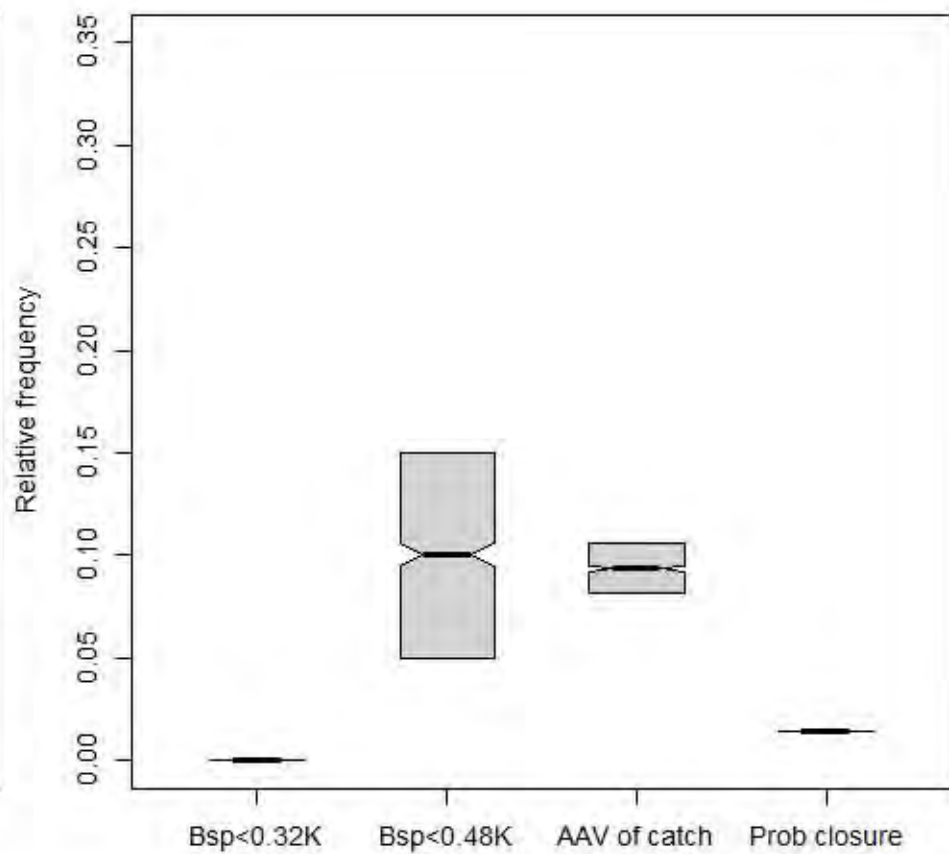
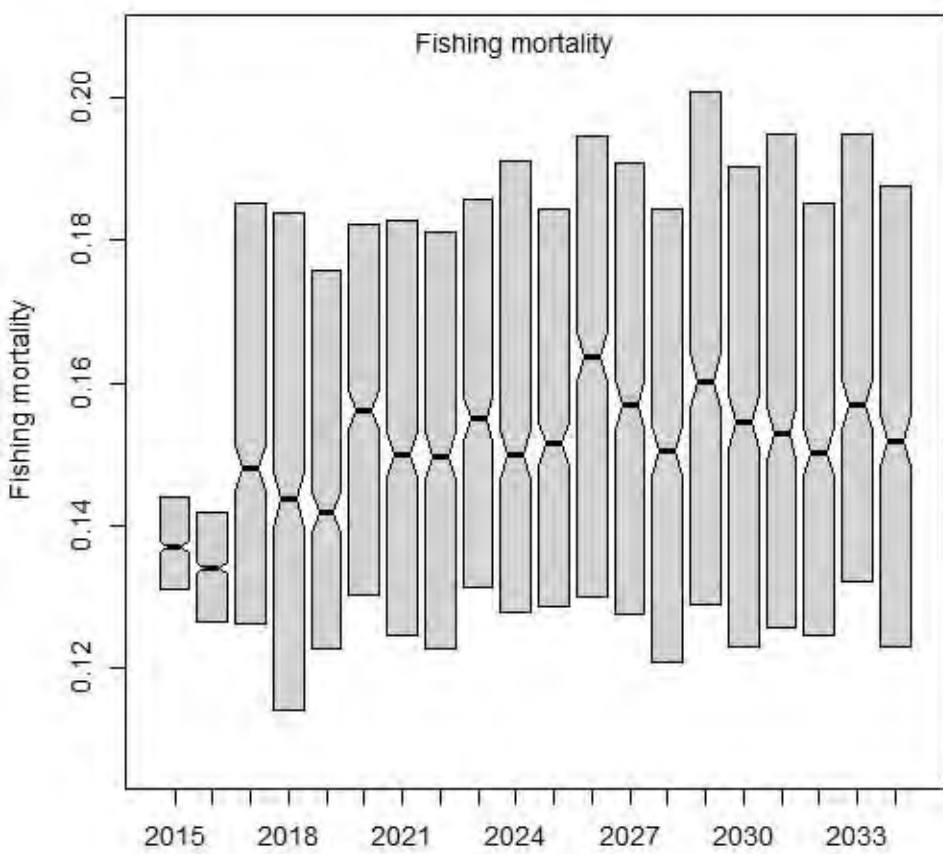
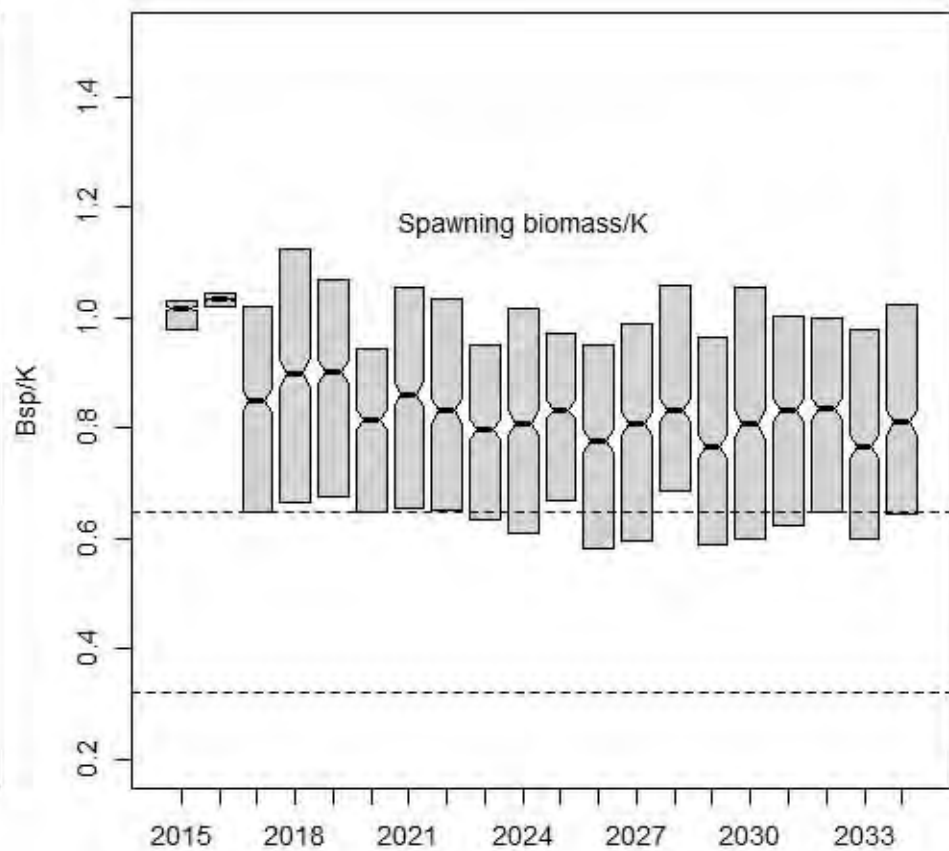
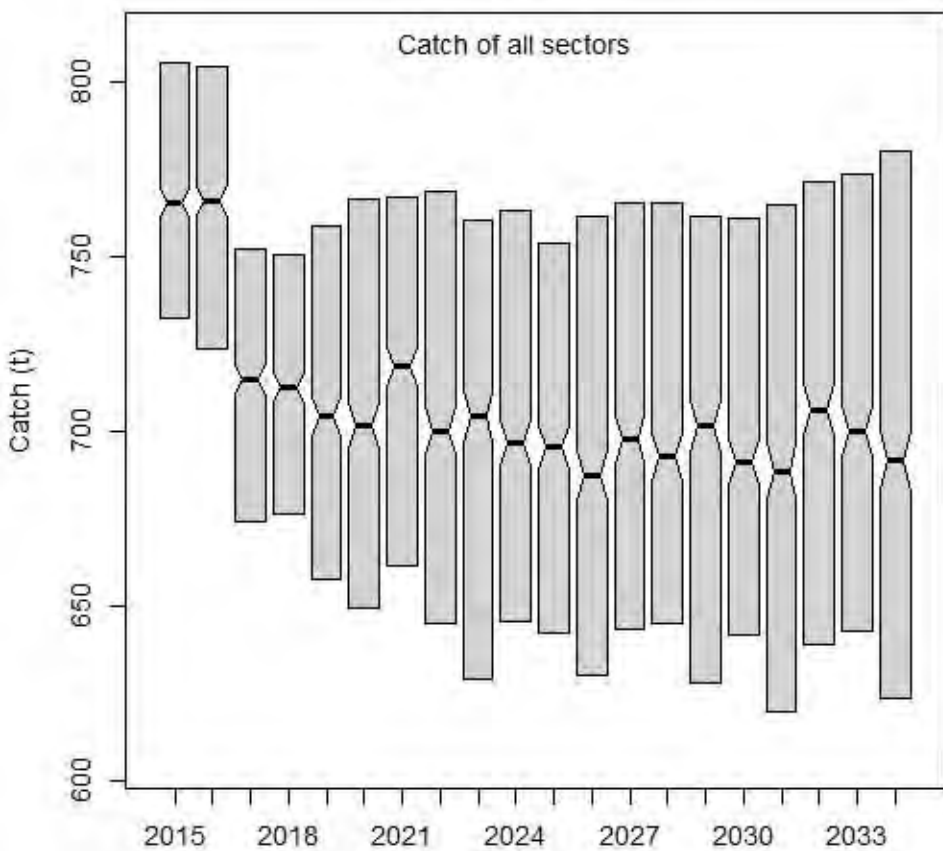
rHCR9



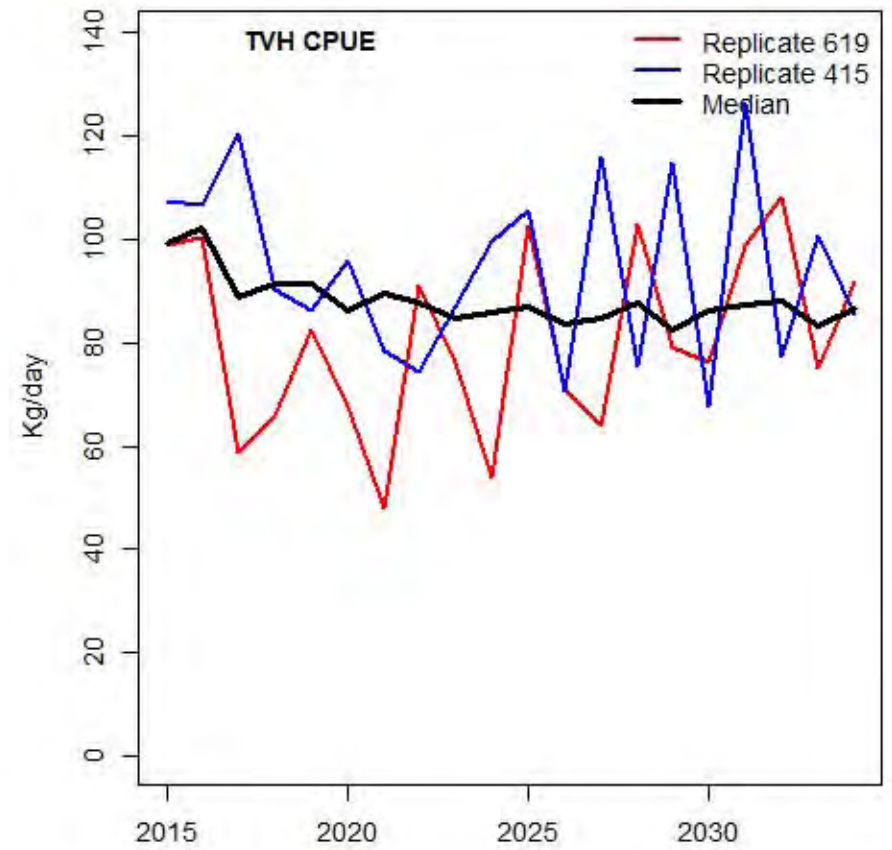
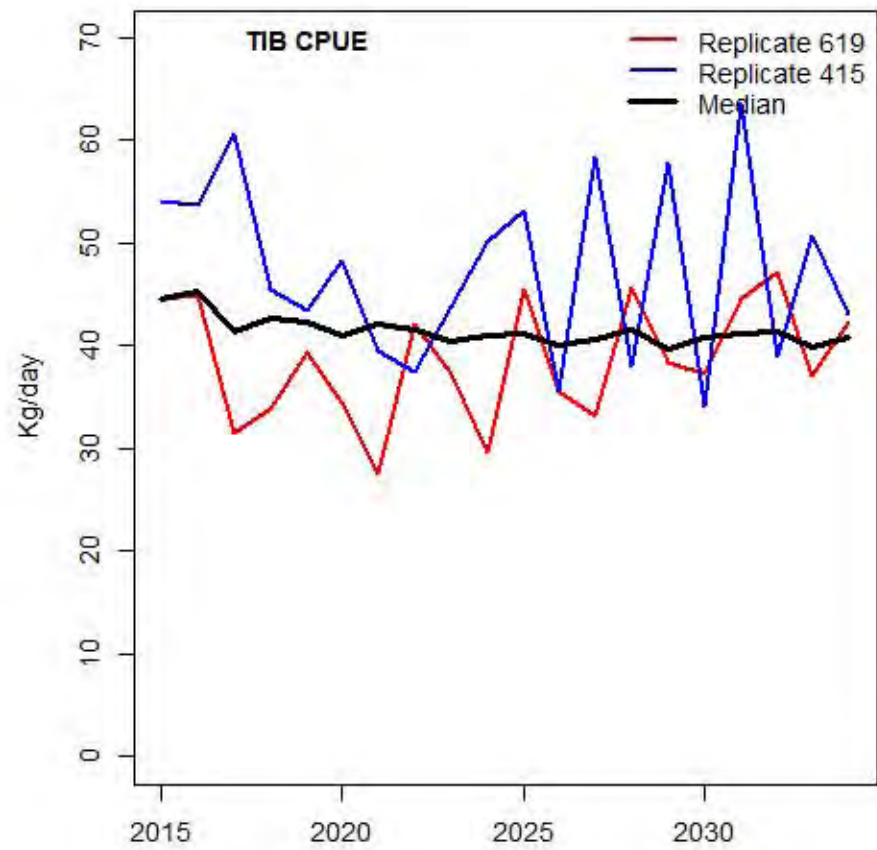
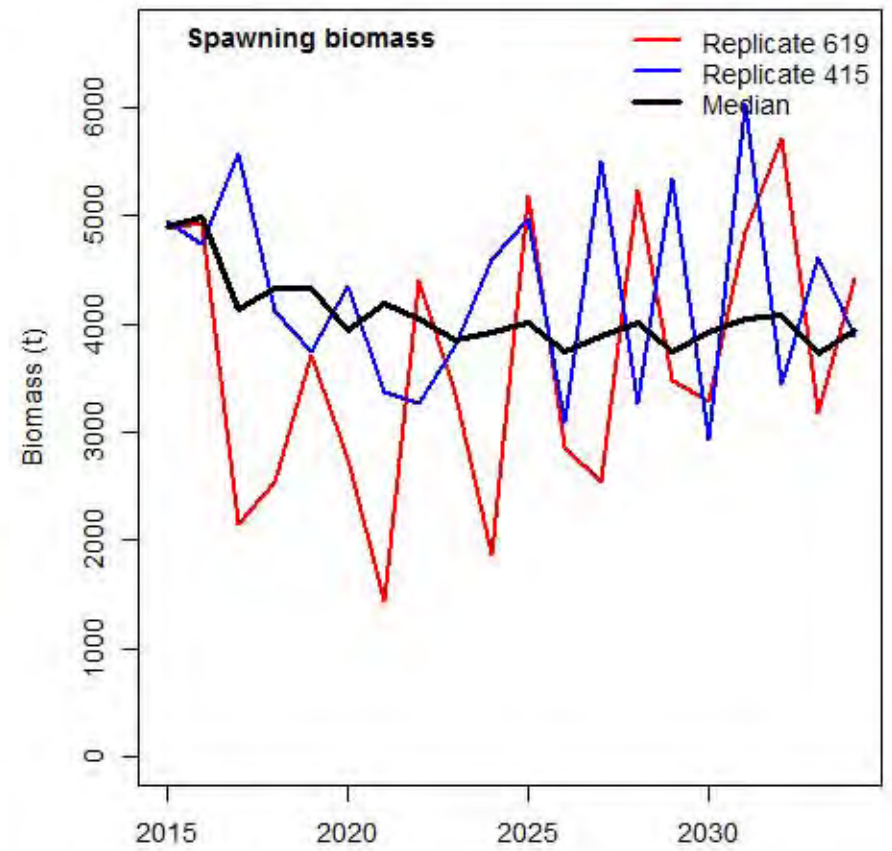
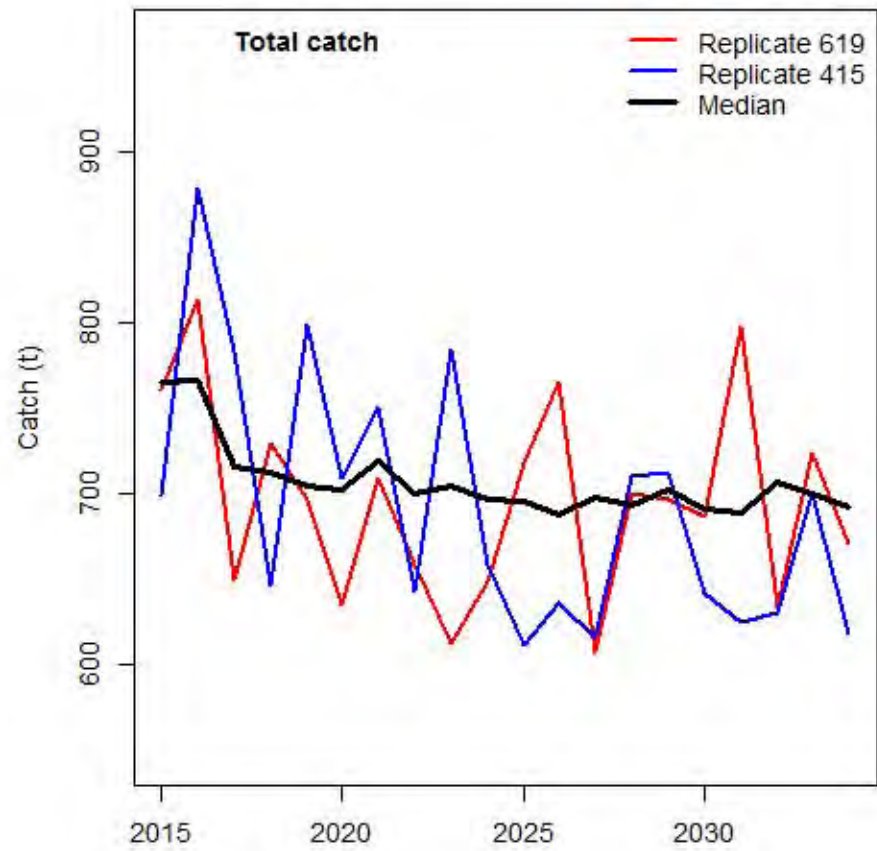
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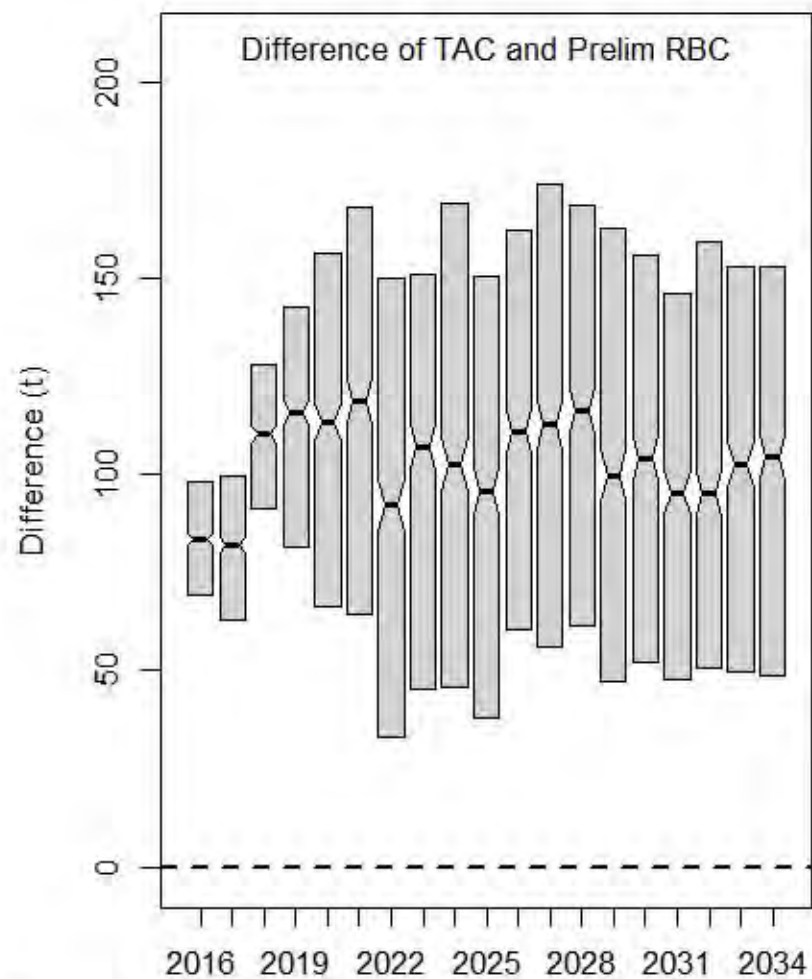
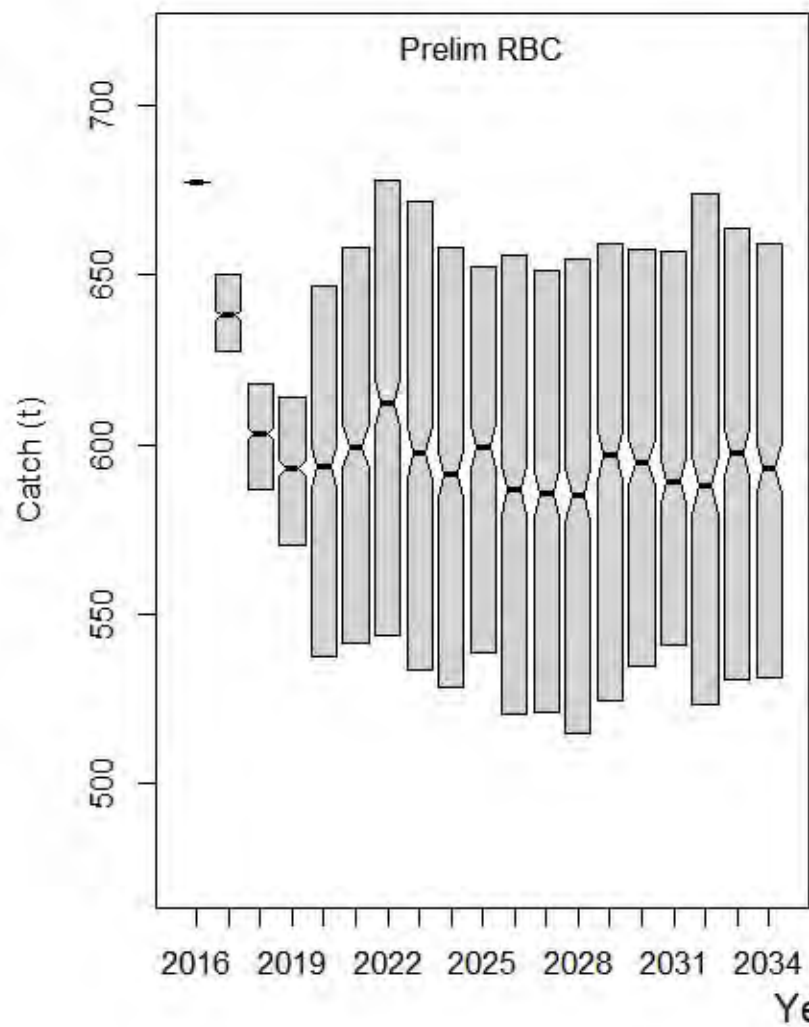
rHCR9



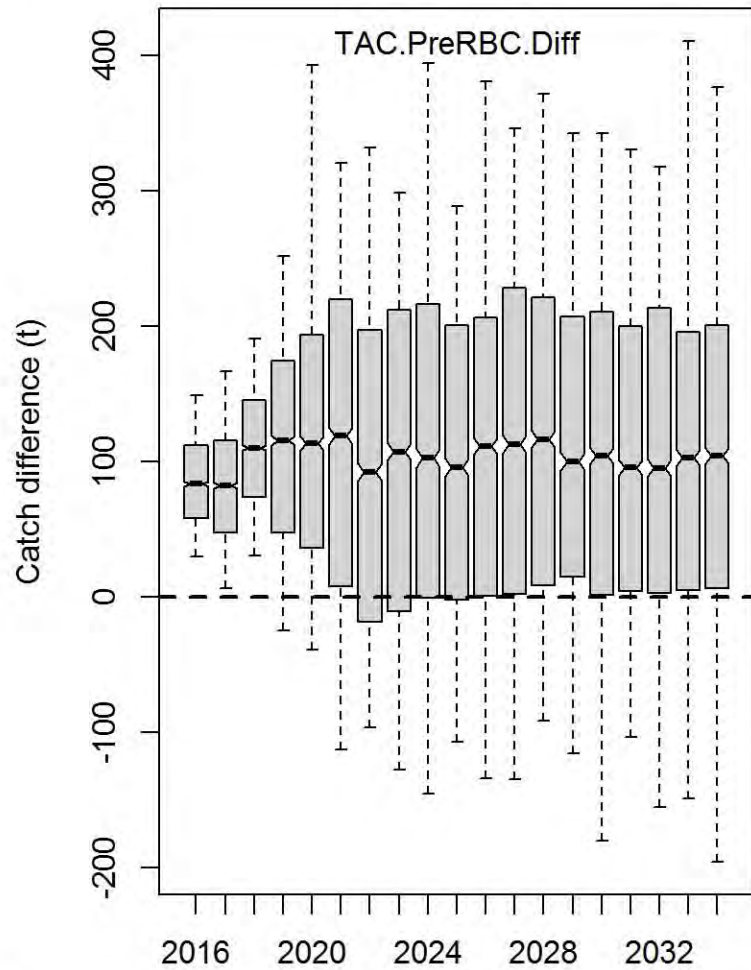
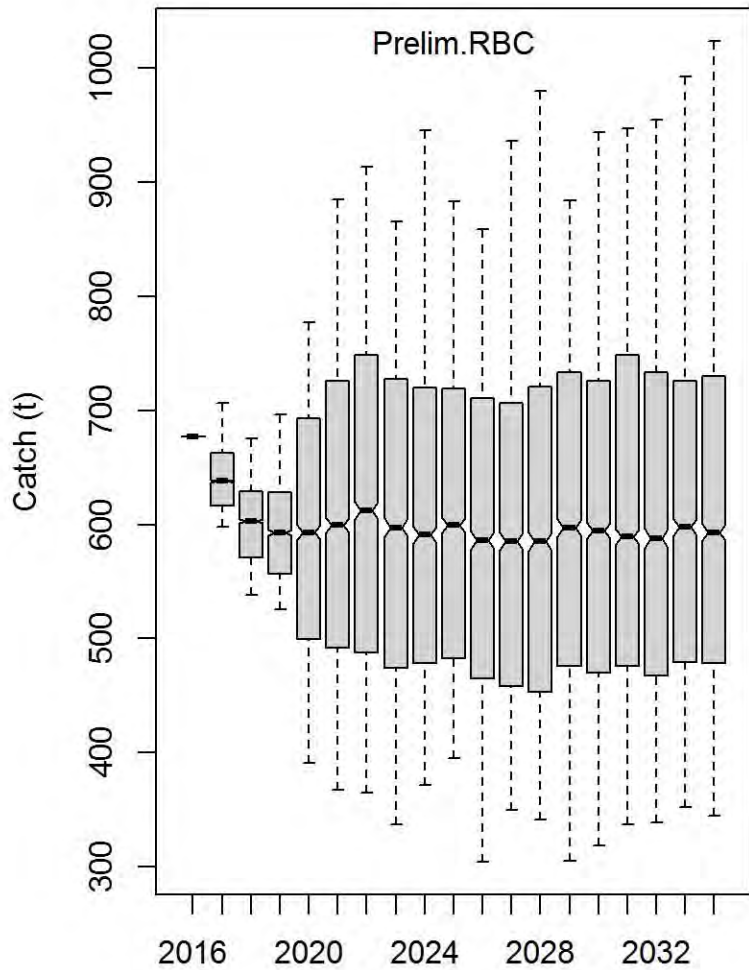
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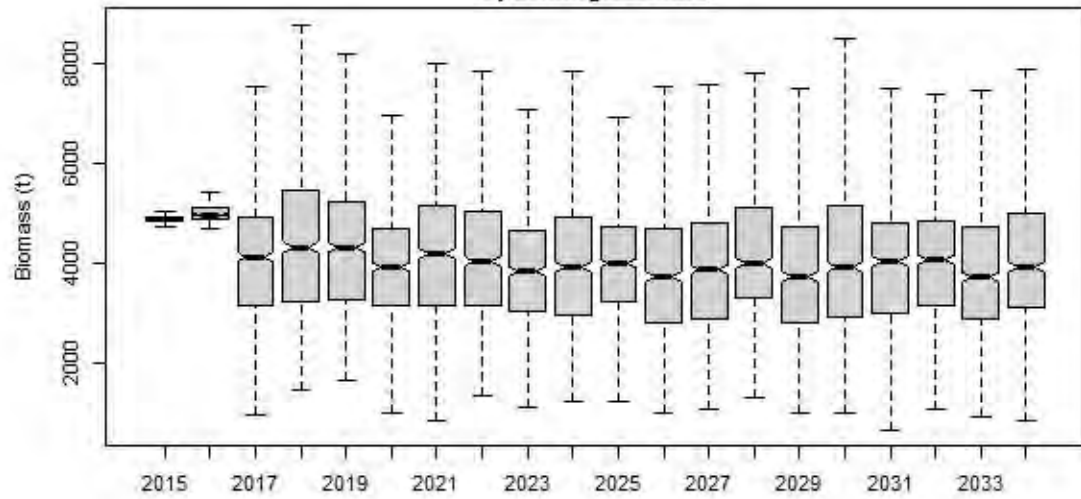
rHCR9



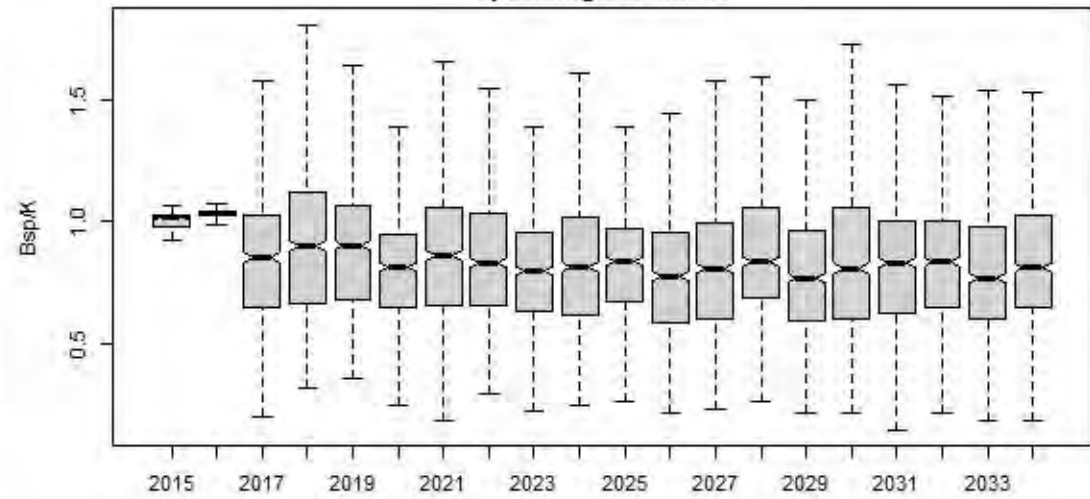
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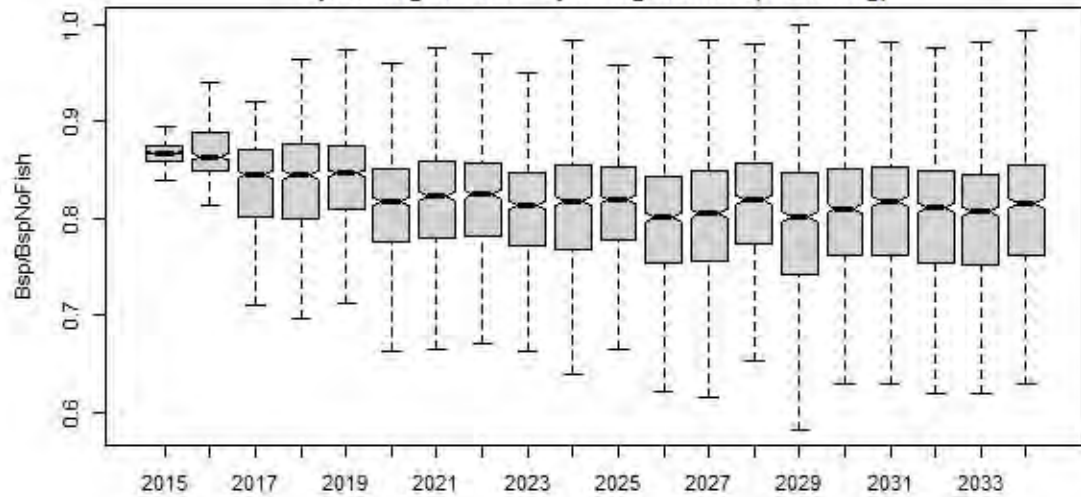
Spawning biomass



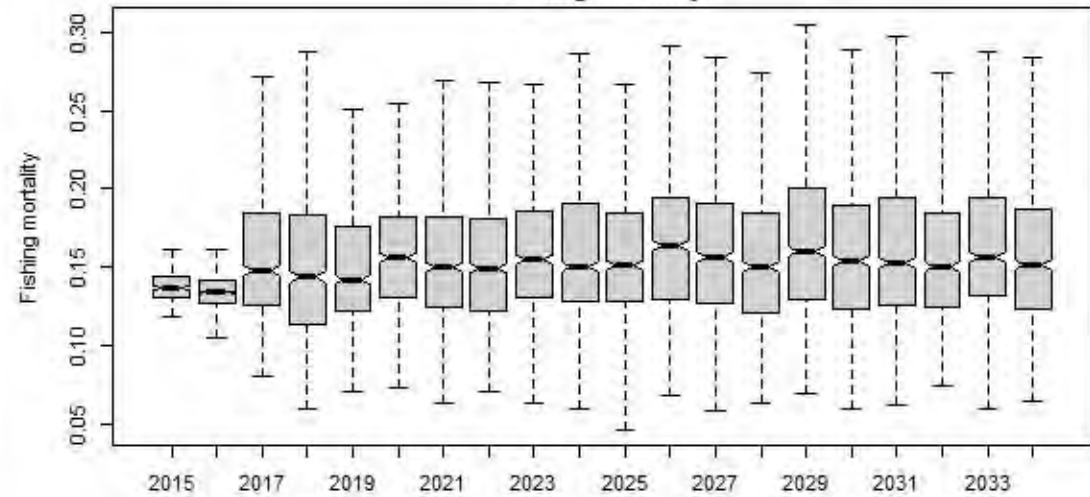
Spawning biomass/K



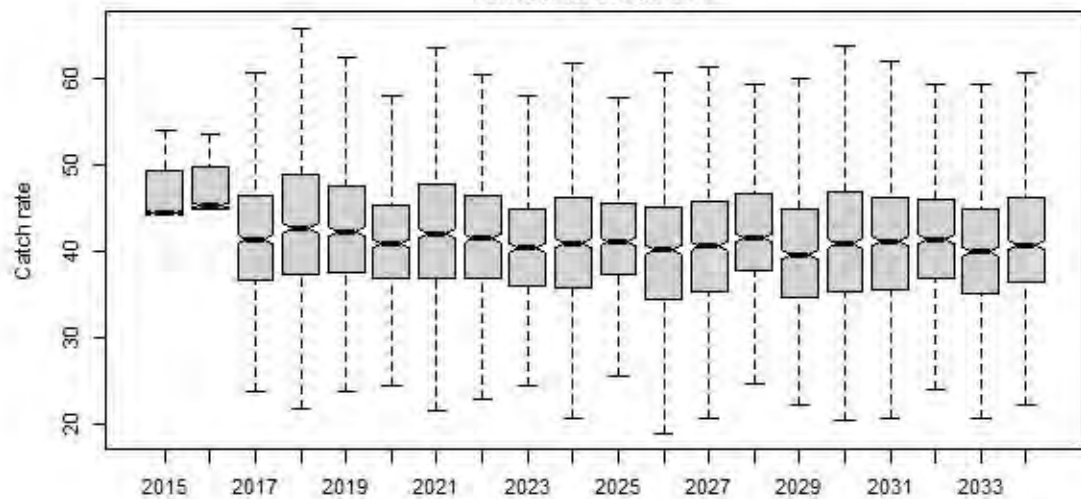
Spawning biomass/Spawning biomass(no fishing)



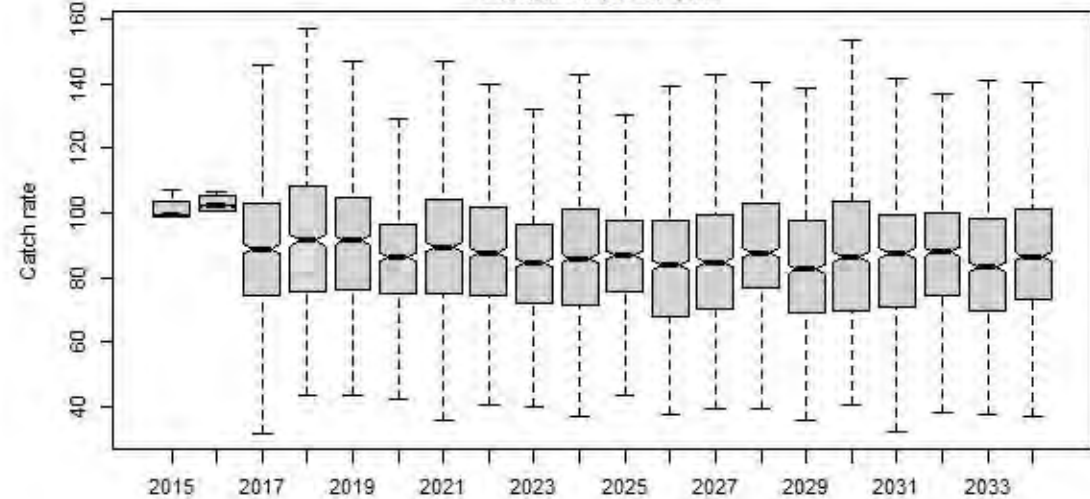
Fishing mortality



Actual CPUE of TIB

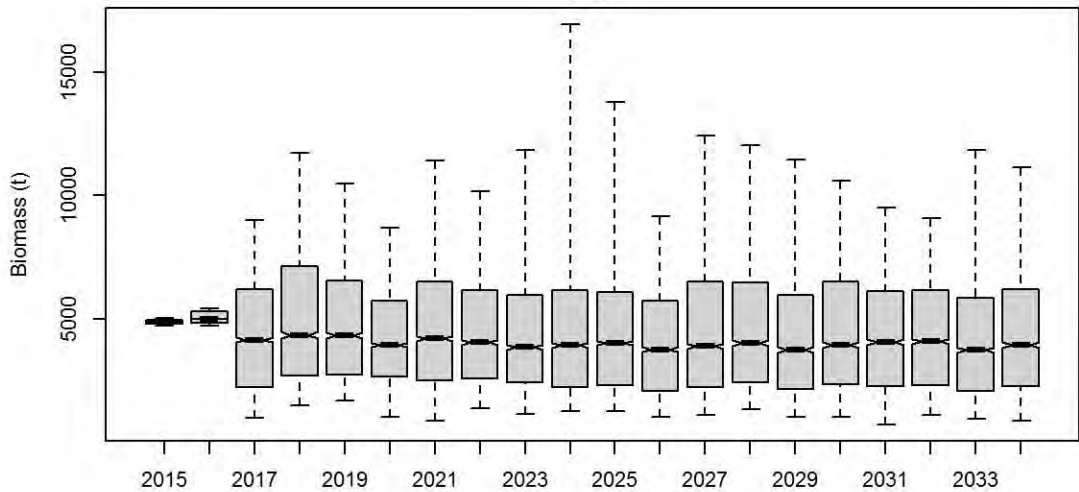


Actual CPUE of TVH

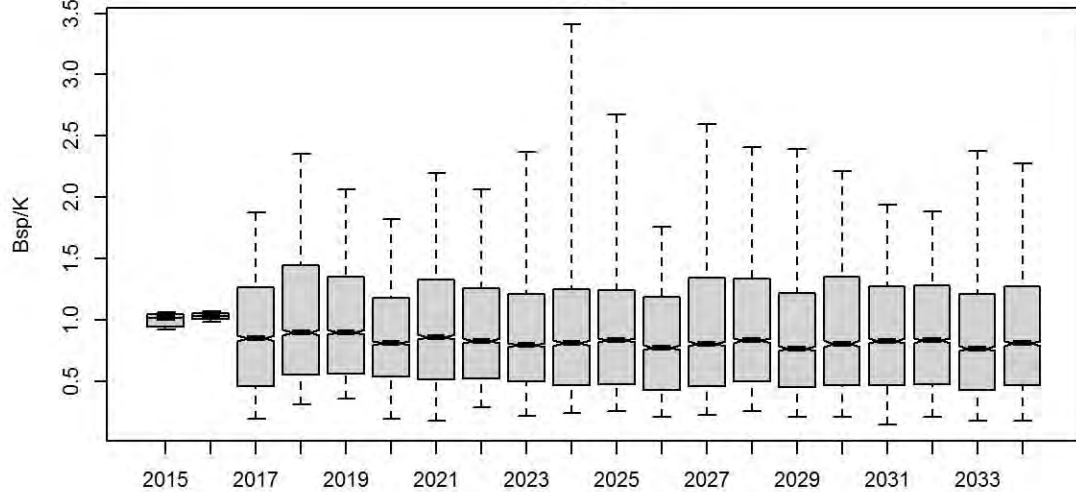


rHCR9

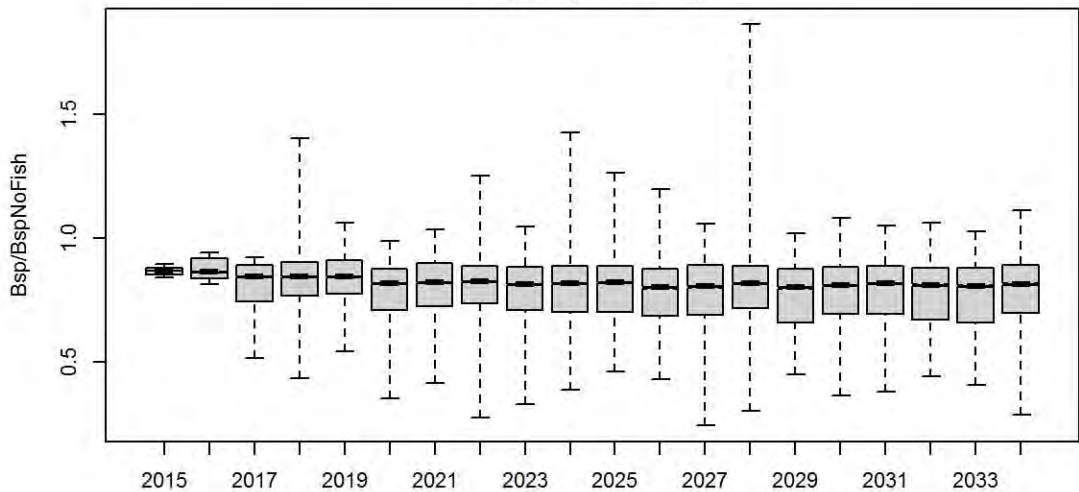
Bsp



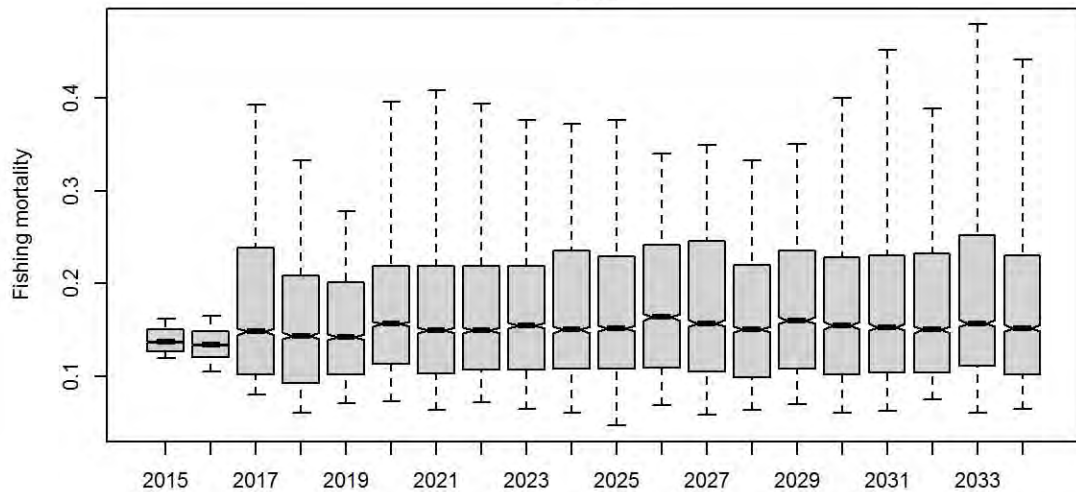
Bsp_K



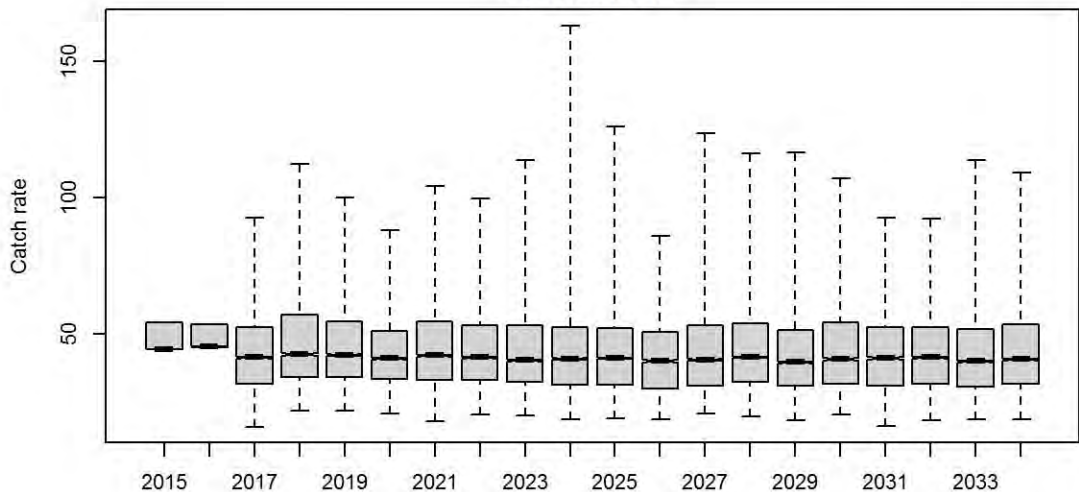
Bsp_BspNoFishing



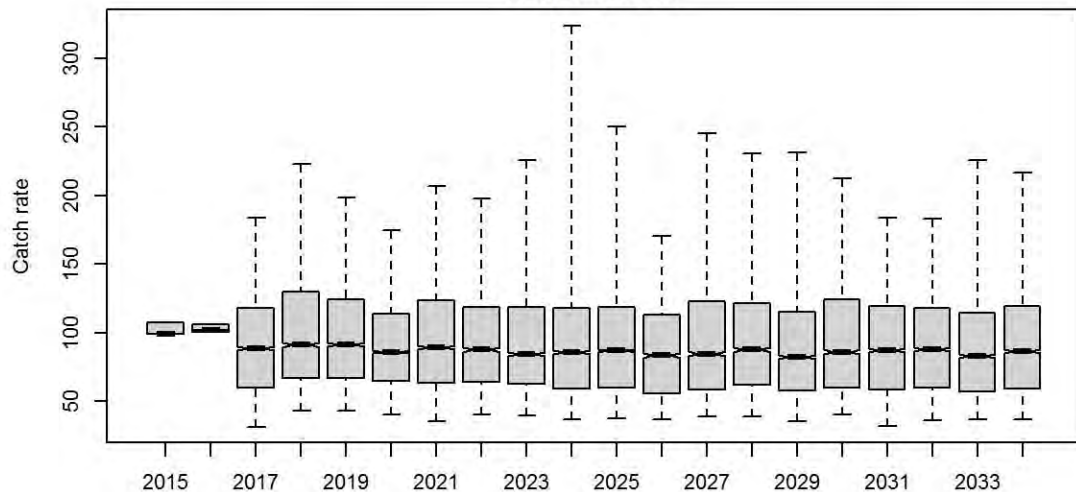
F.mal



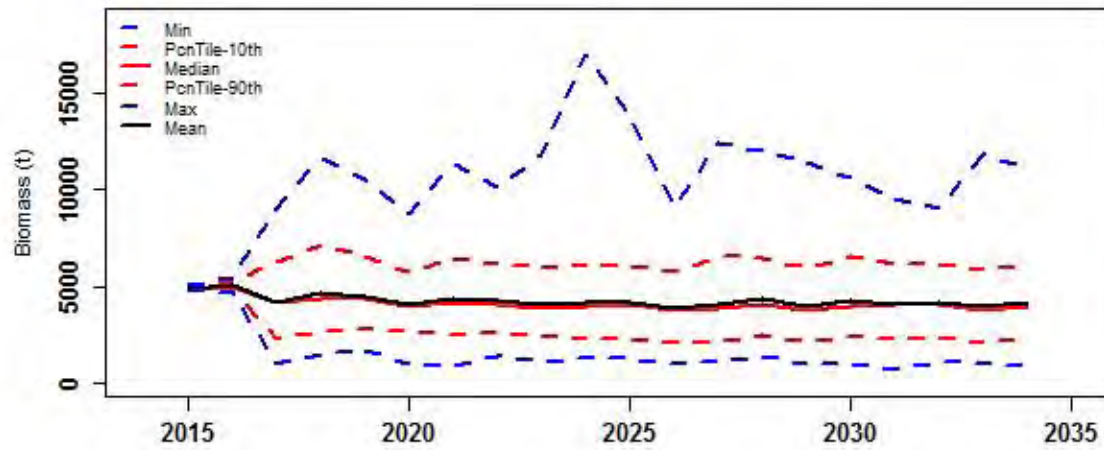
ActlCPUE.TIB



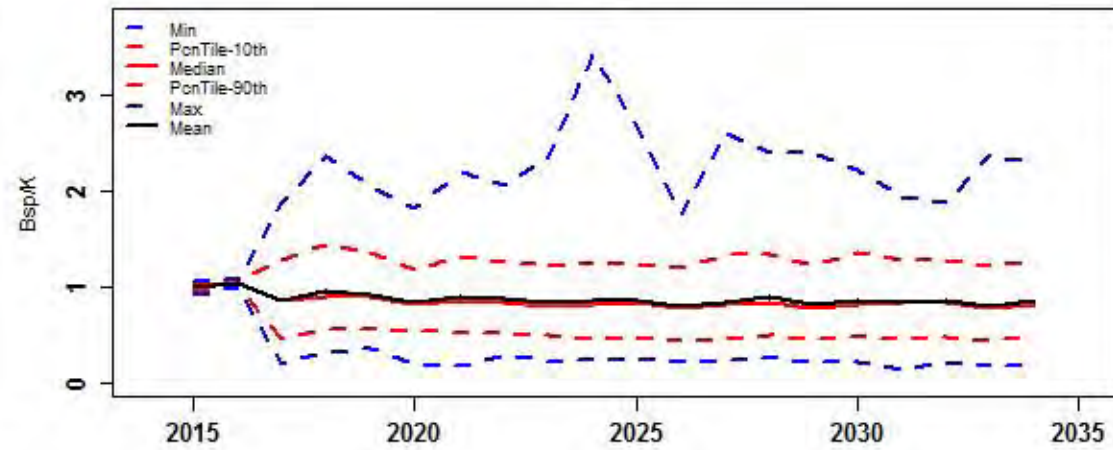
ActlCPUE.TVH



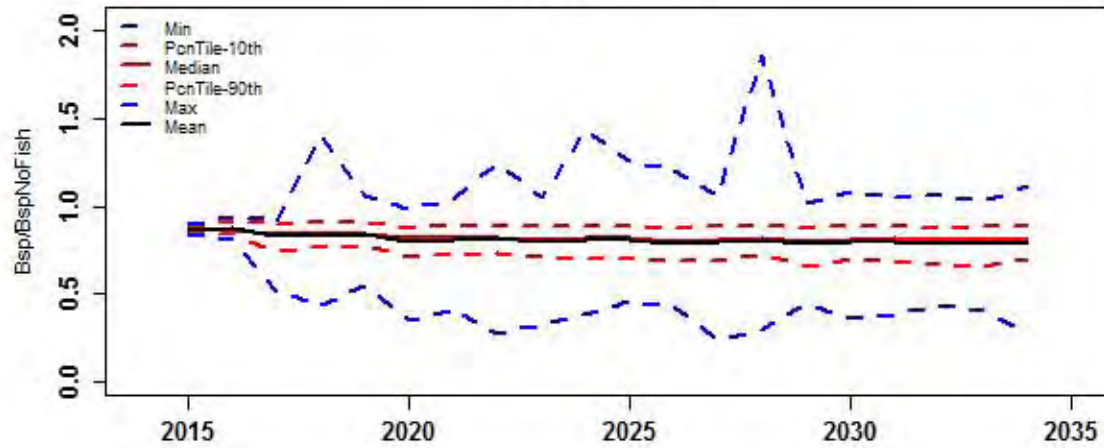
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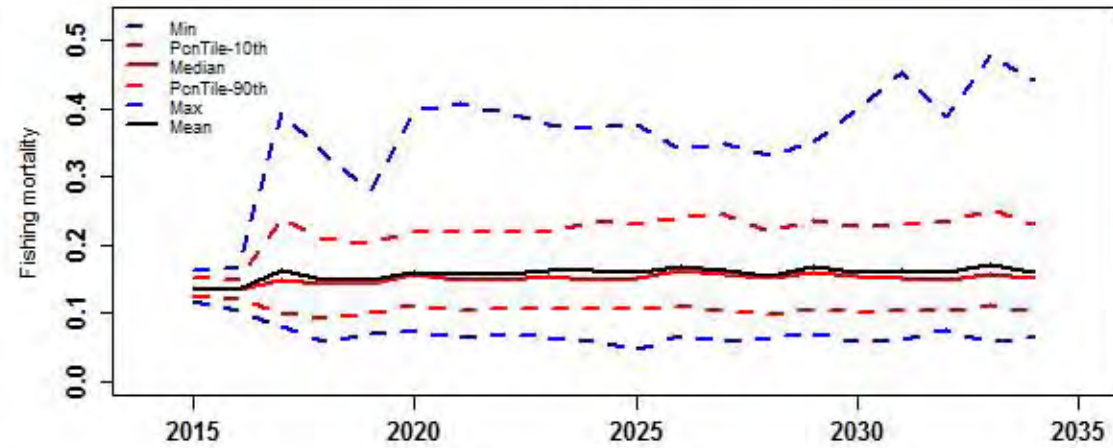
Bsp_K



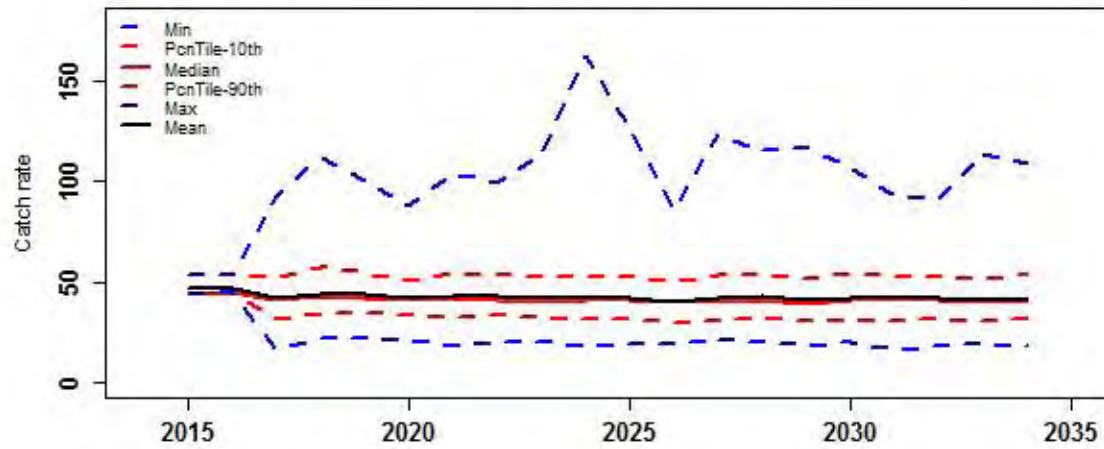
Bsp_BspNoFishing



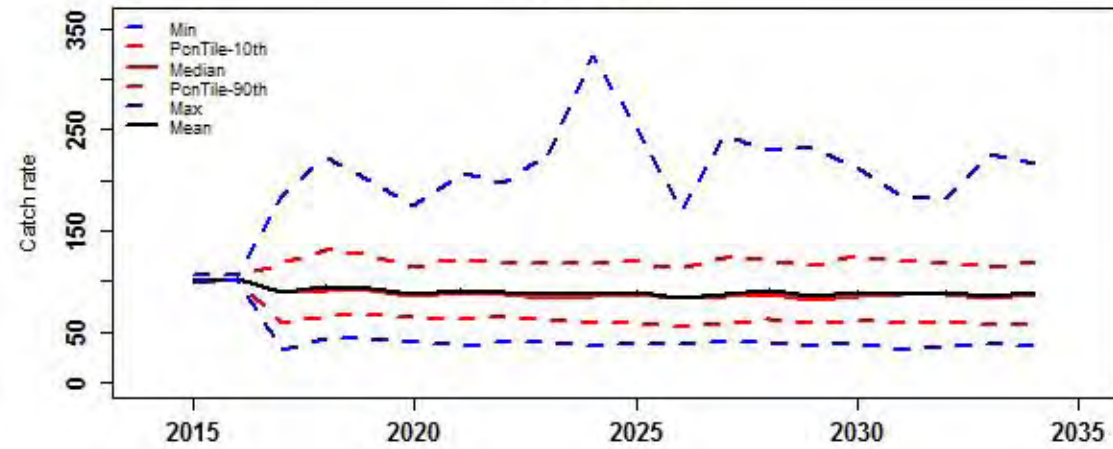
F.mal



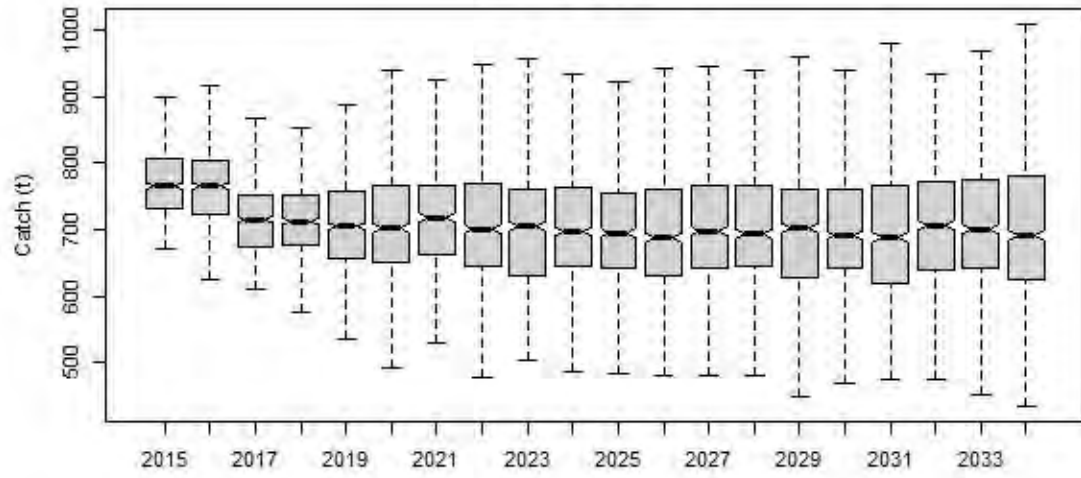
ActlCPUE.TIB



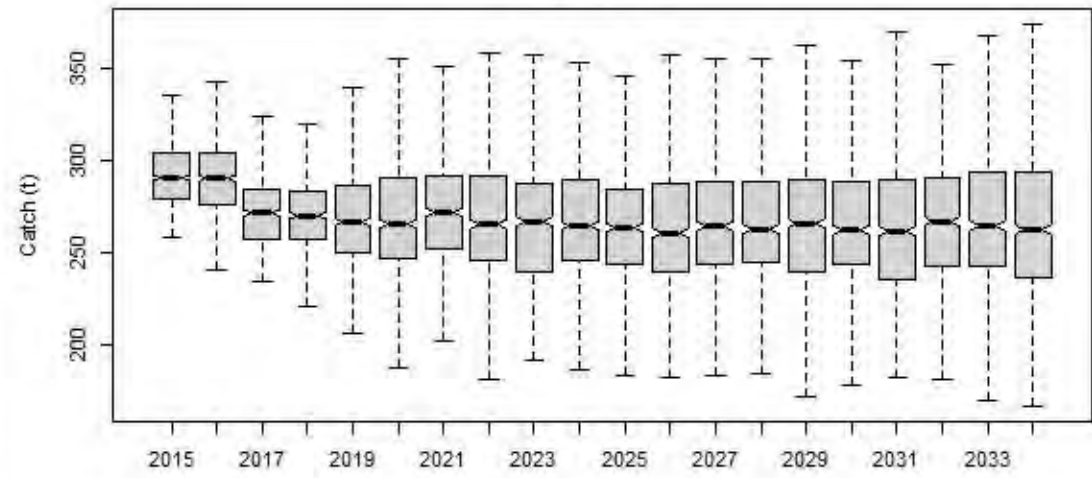
ActlCPUE.TVH



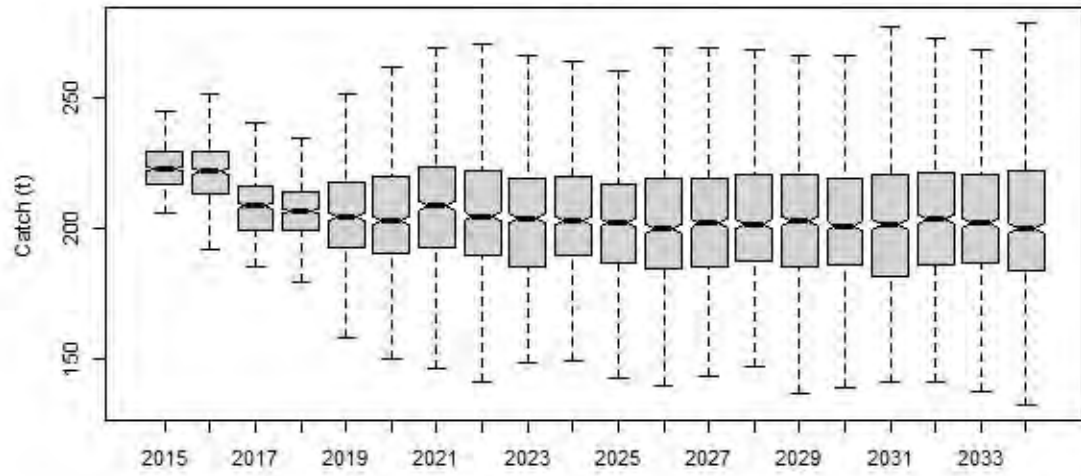
Catch of all sectors



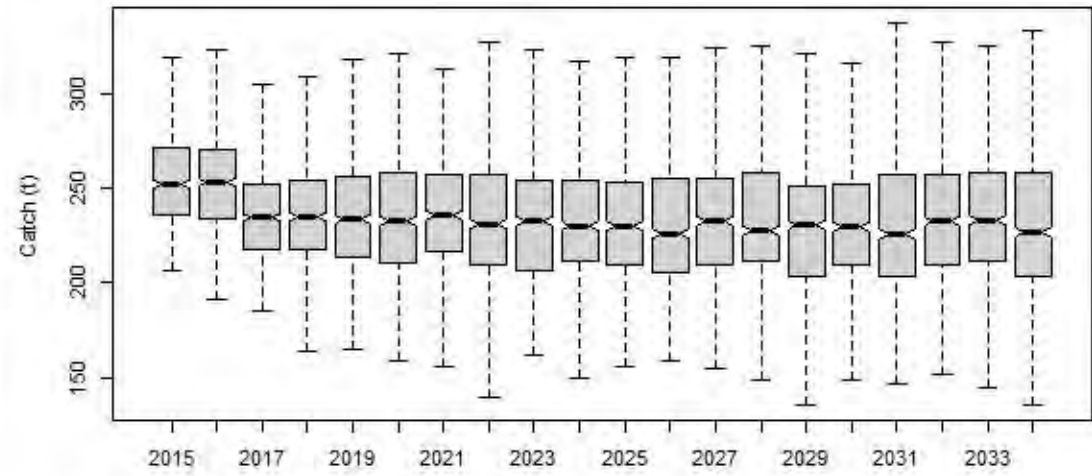
Catch of TIB



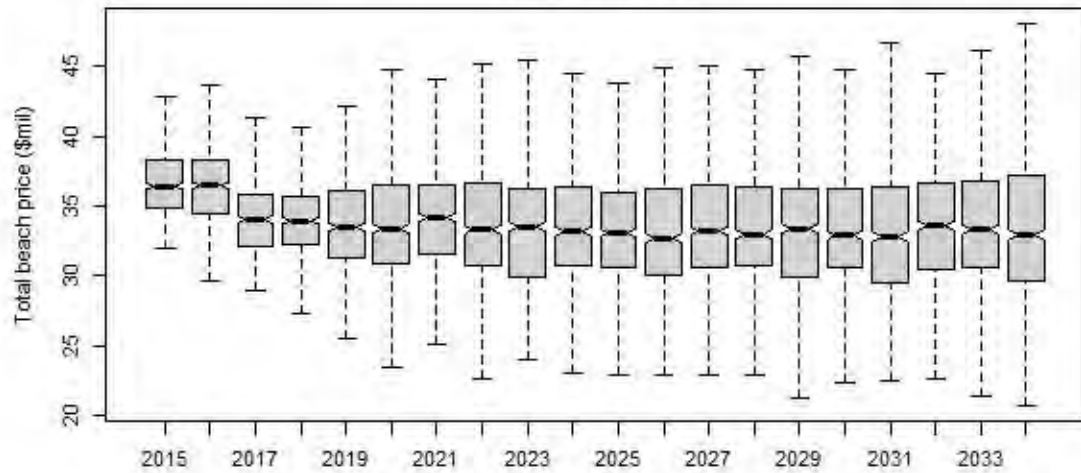
Catch of TVH



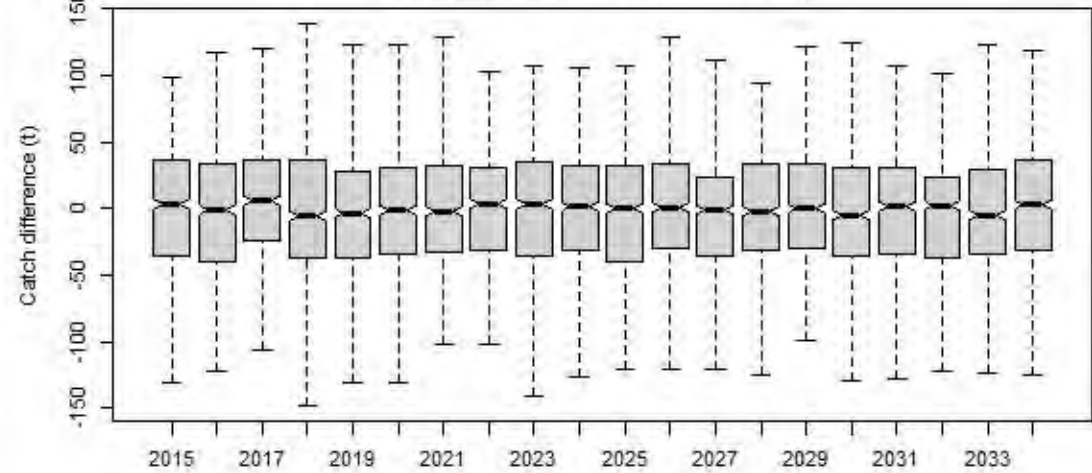
Catch of PNG



Total beach price

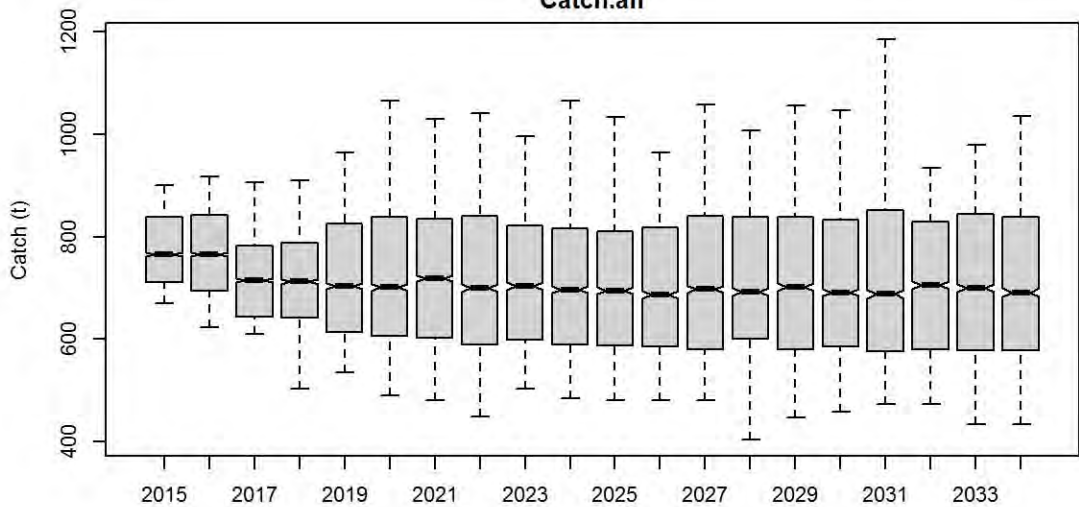


Difference of TAC and actual catch

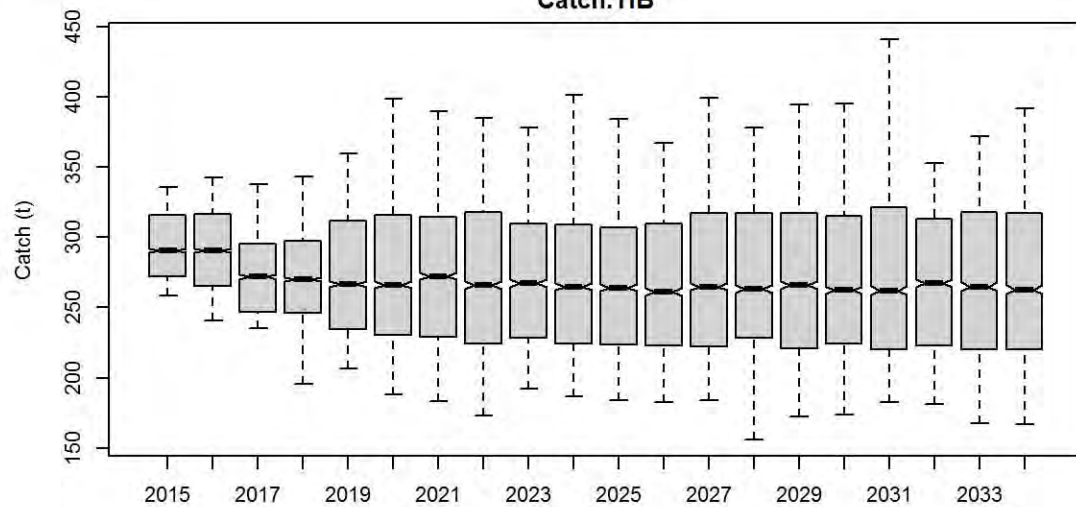


rHCR9

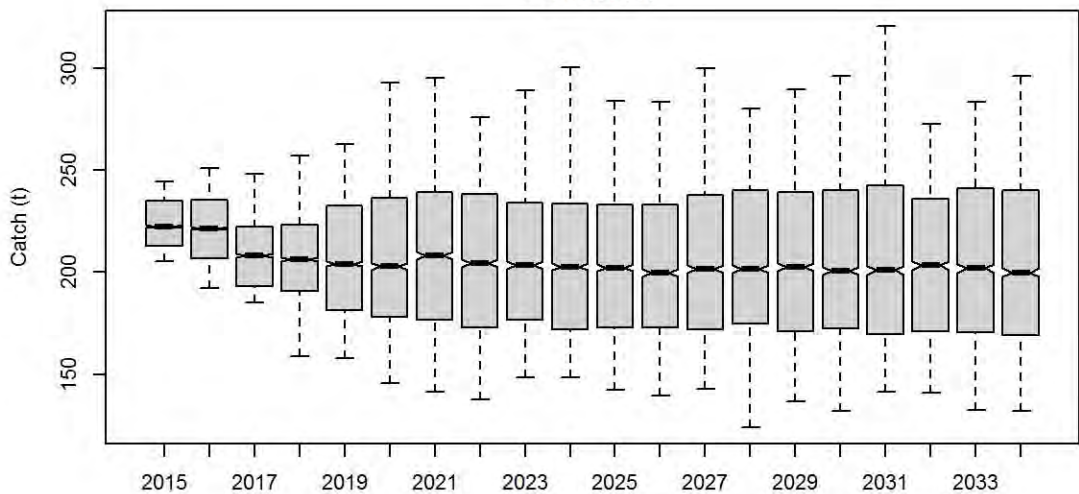
Catch.all



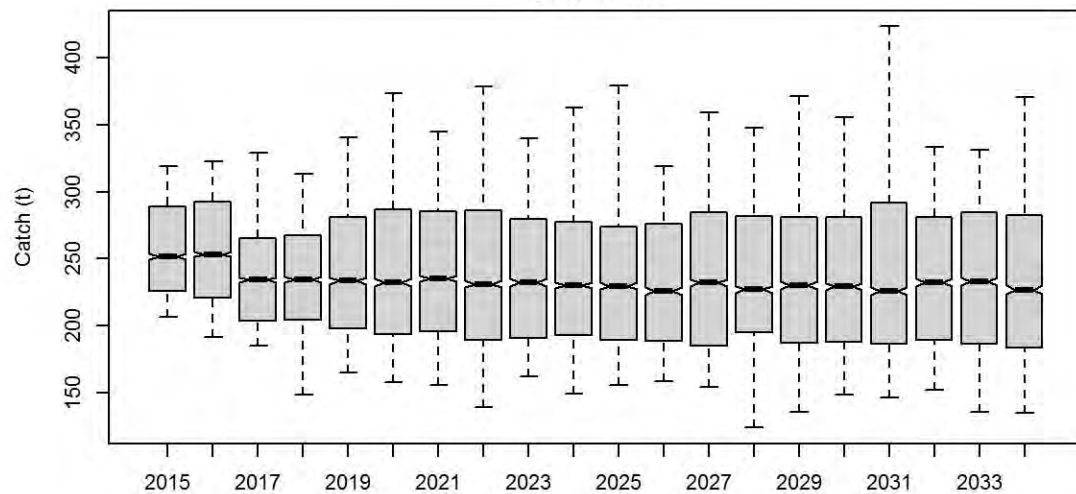
Catch.TIB



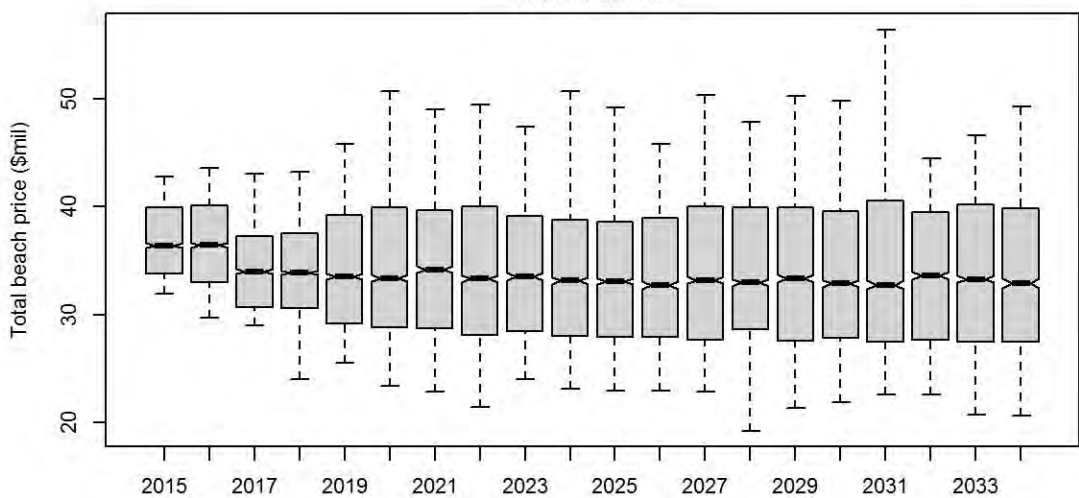
Catch.TVH



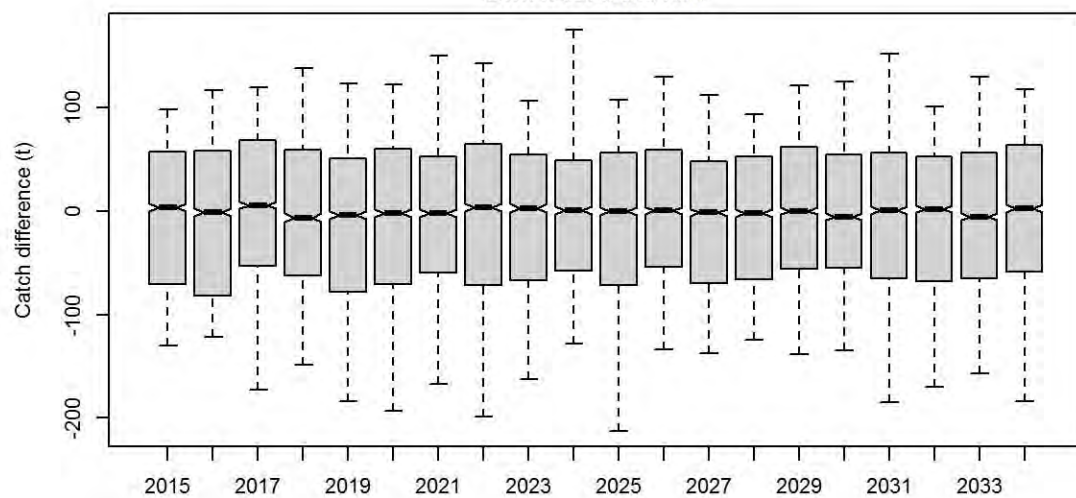
Catch.PNG



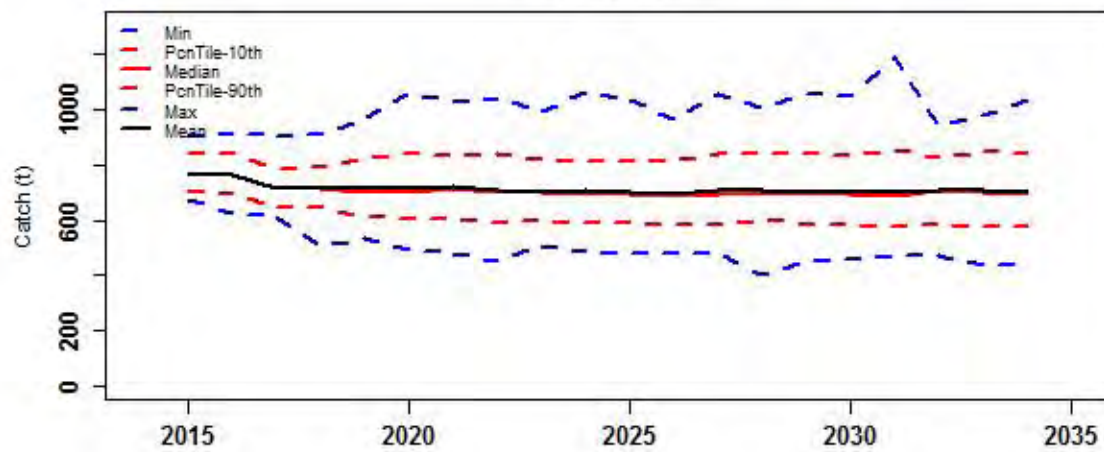
TotBeachPrice



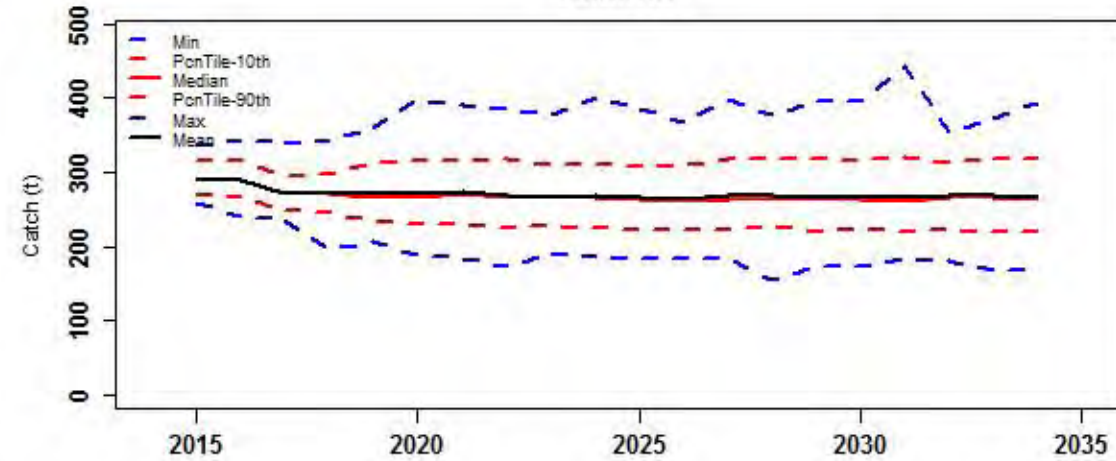
Diff.TAC.actlCatch



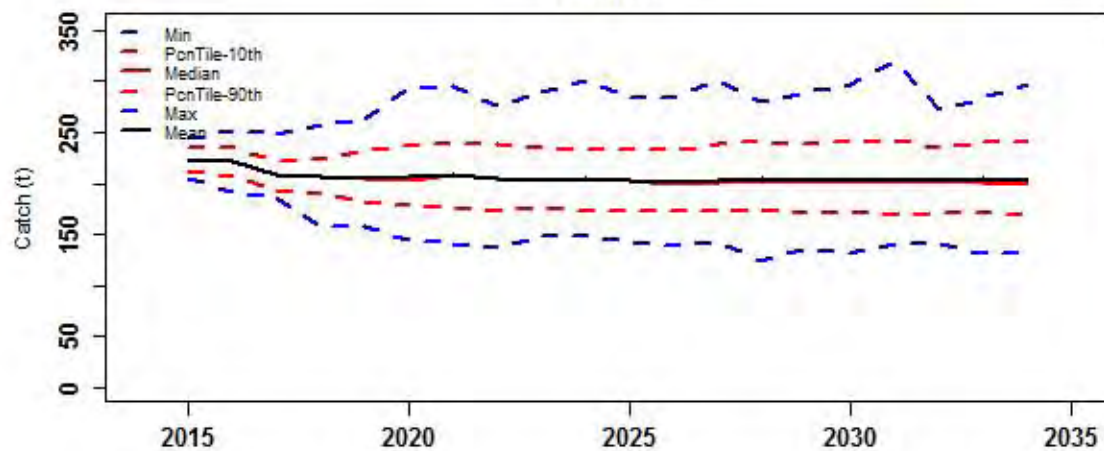
Catch.all



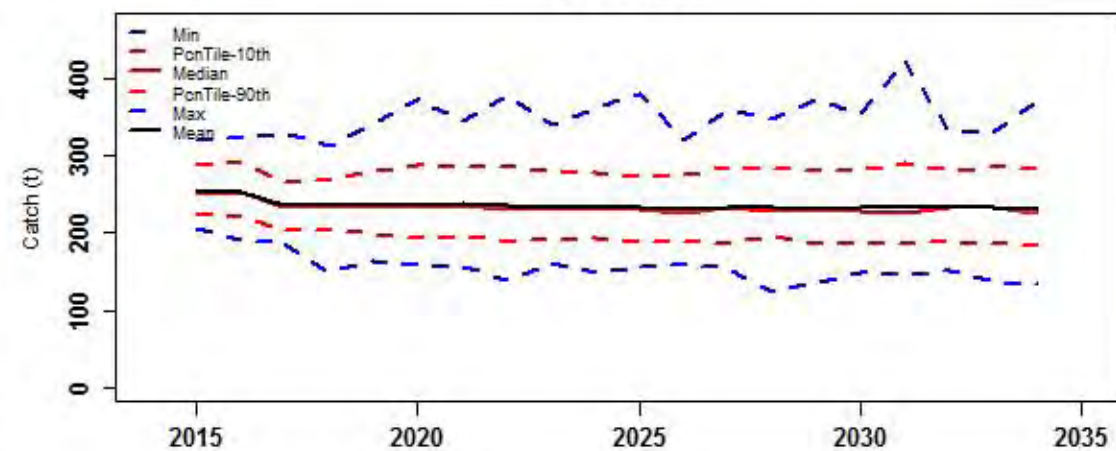
Catch.TIB



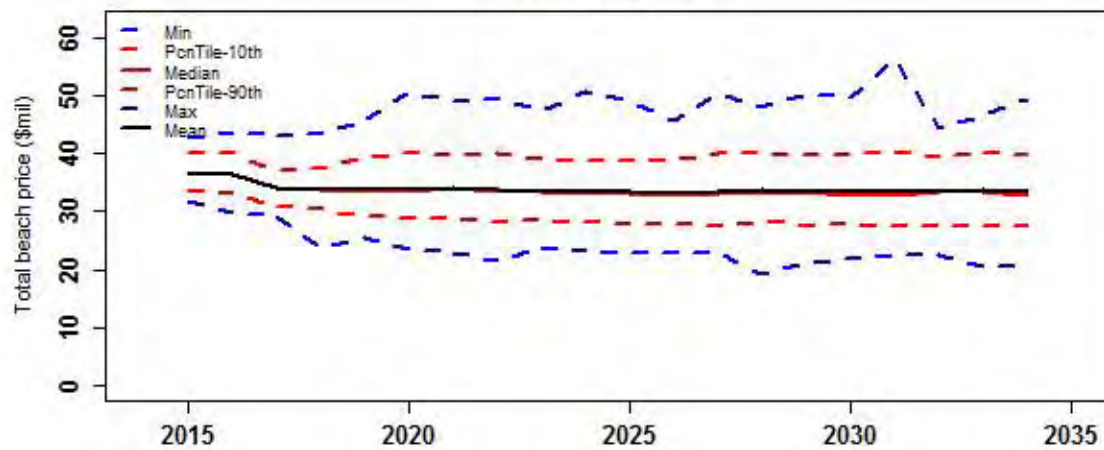
Catch.TVH



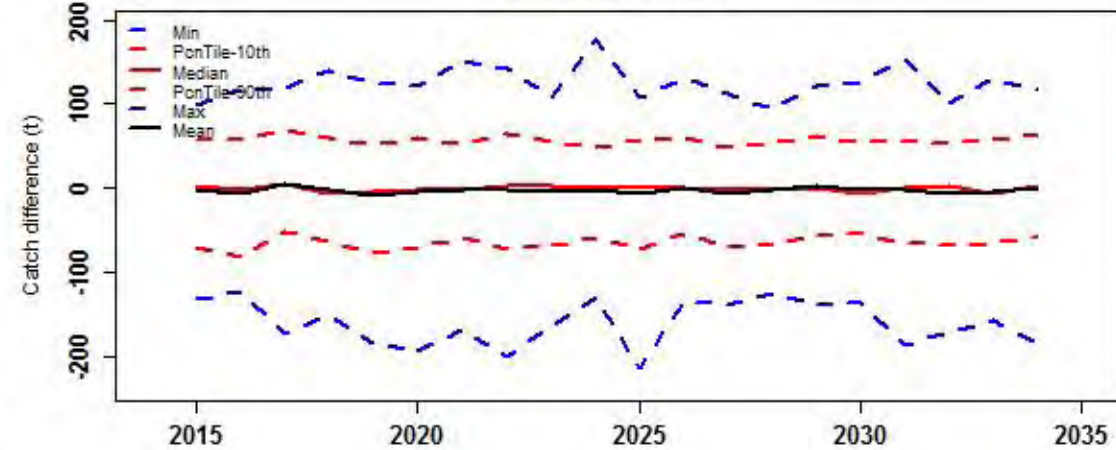
Catch.PNG



TotBeachPrice



Diff.TAC.actlCatch



Risk properties

probability

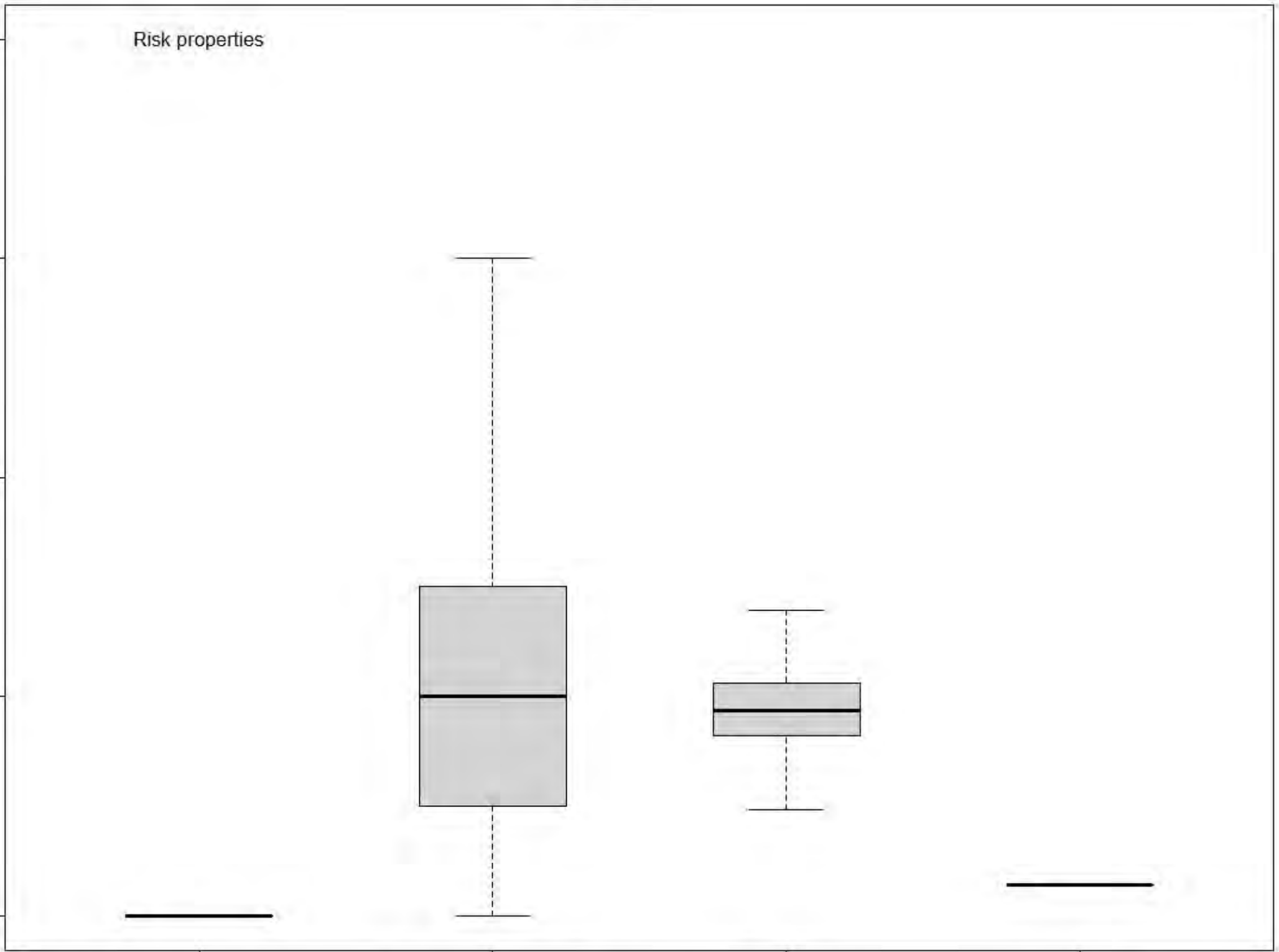
0.4
0.3
0.2
0.1
0.0

Prop_times_Bsp.0.32K

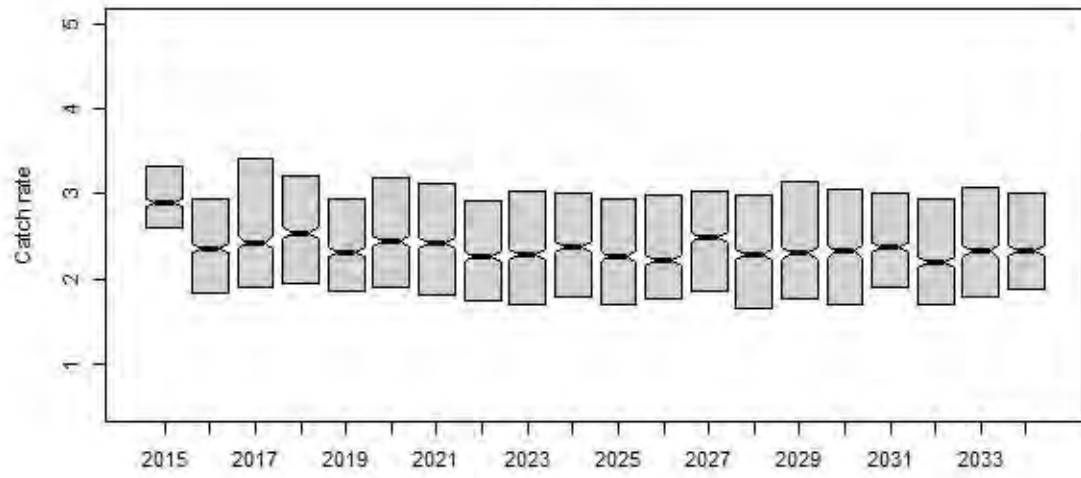
Prop_times_Bsp.0.48K

AAV_catch

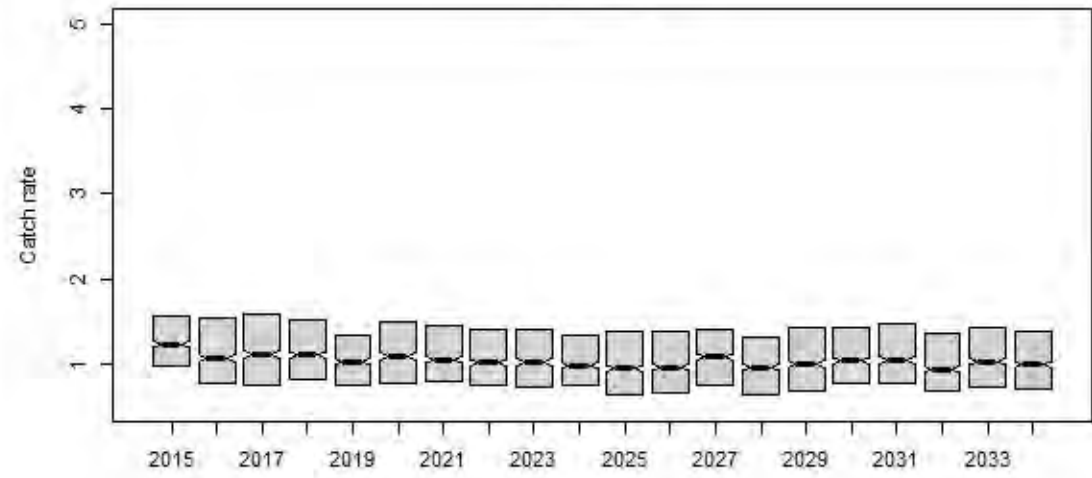
Prob_Closure



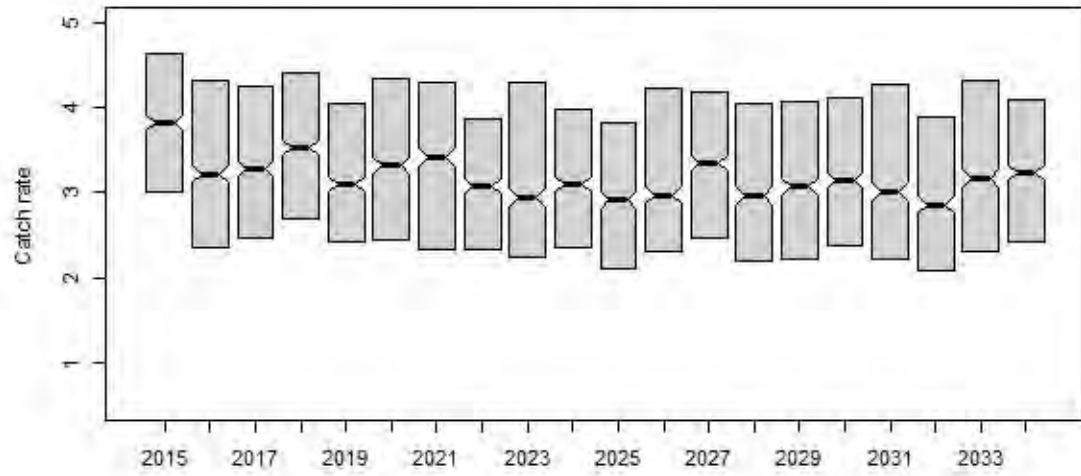
Preseas1



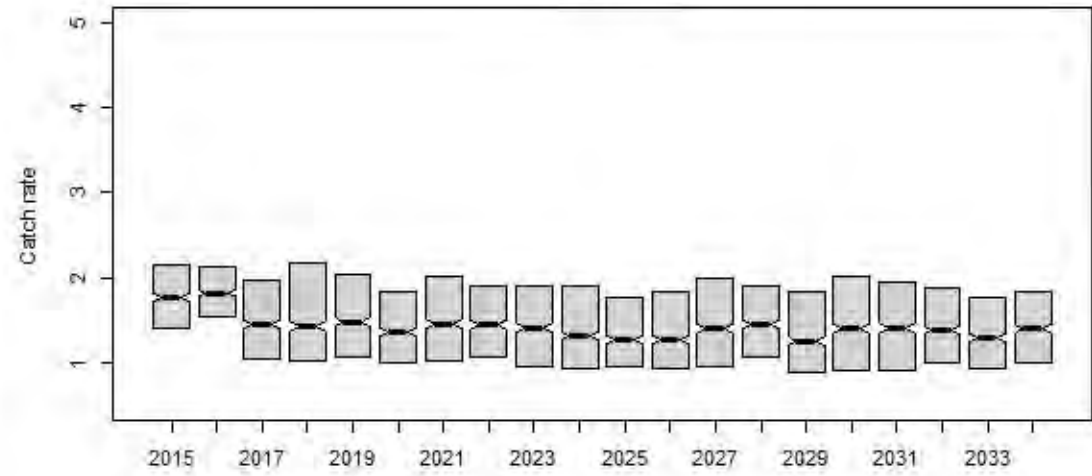
Preseas0



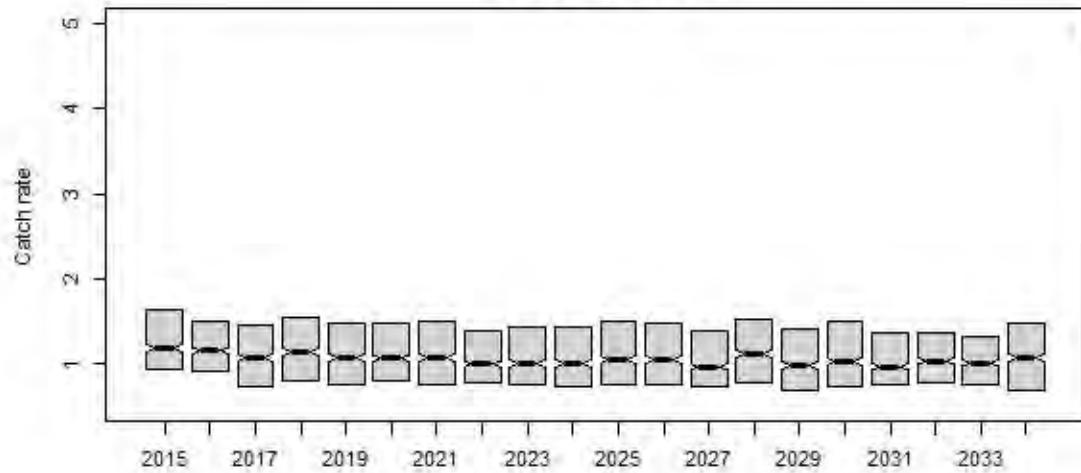
Midsurv1



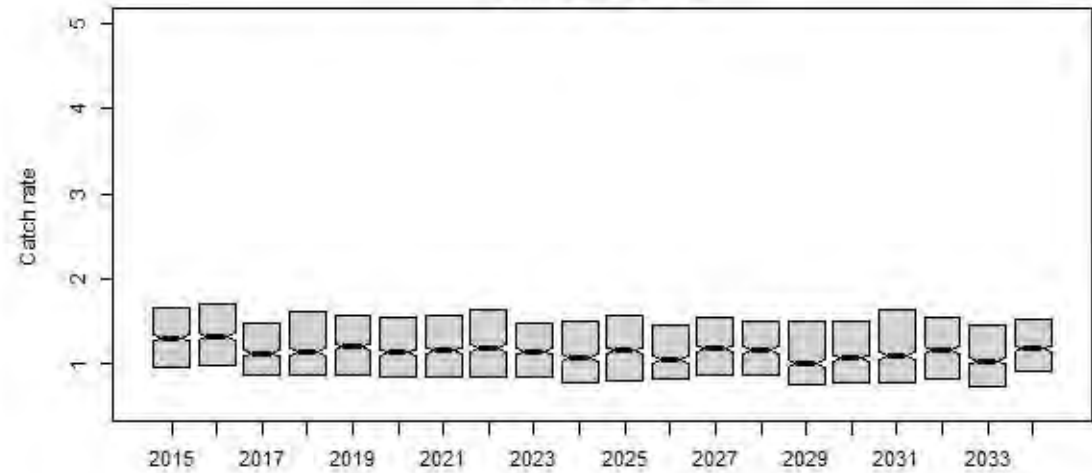
Midsurv2



Future_CPUE_TVH

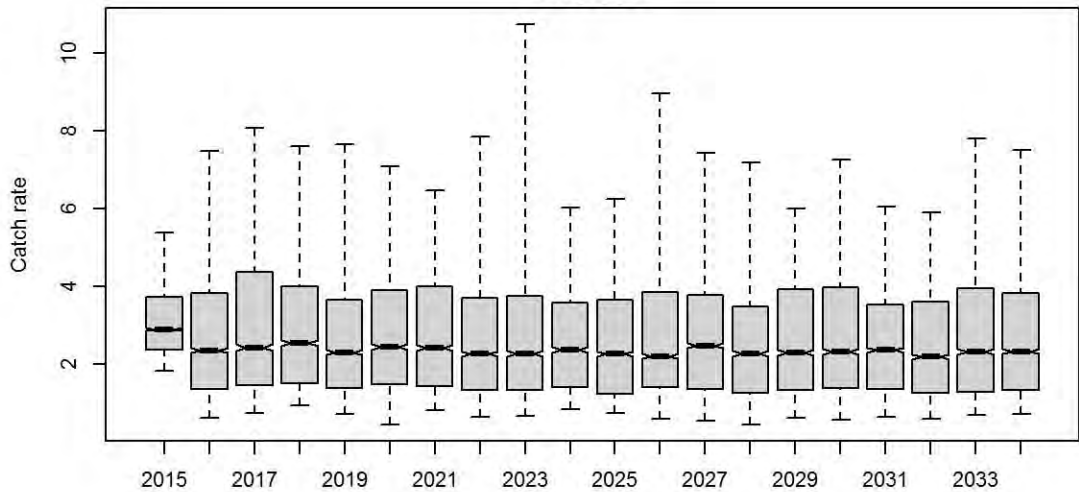


Future_CPUE_TIB

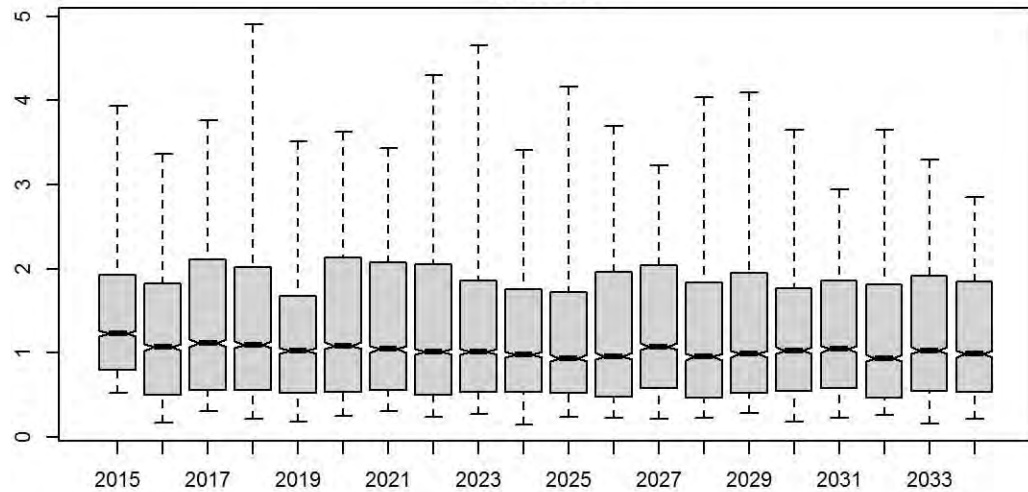


rHCR9

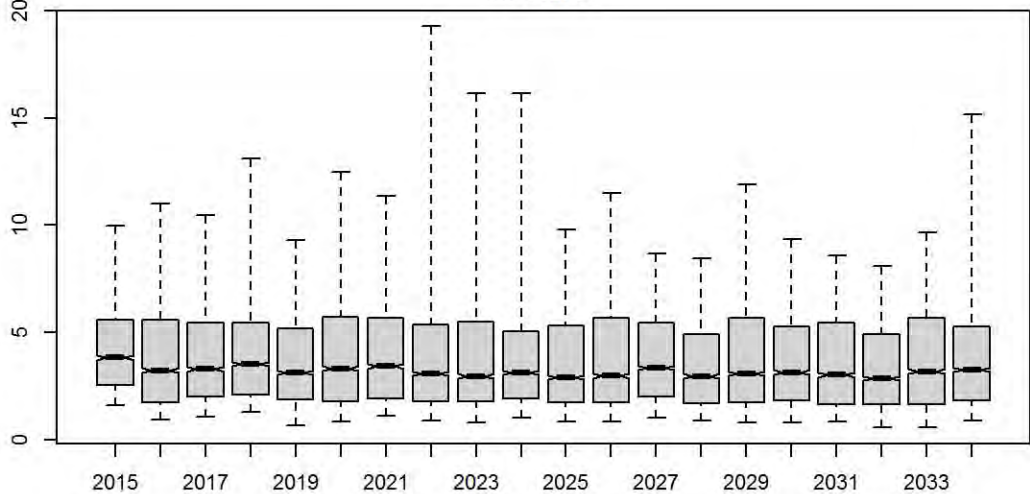
Preseas1



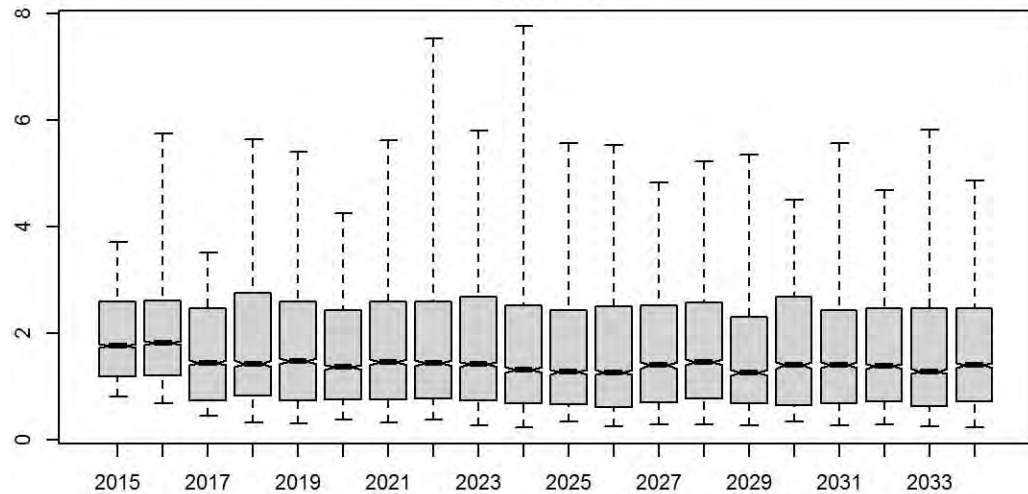
Preseas0



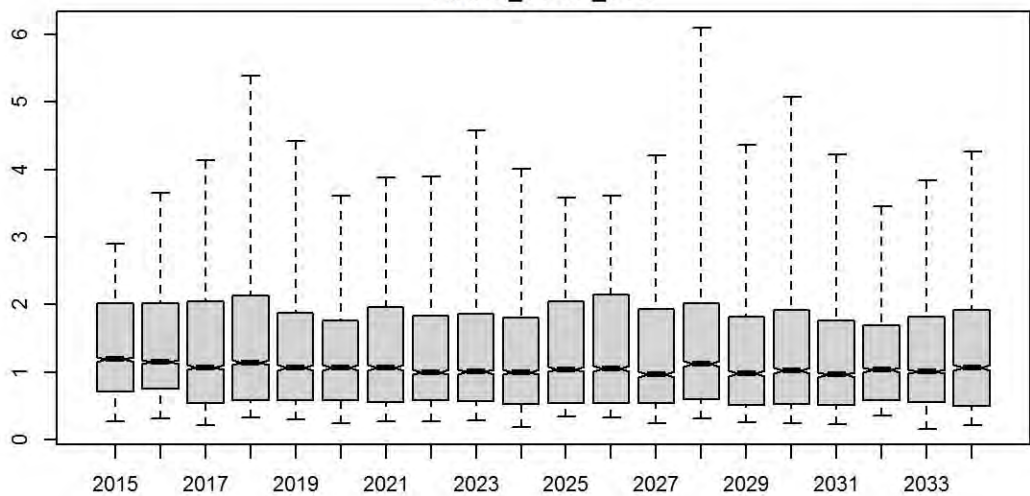
Midsurv1



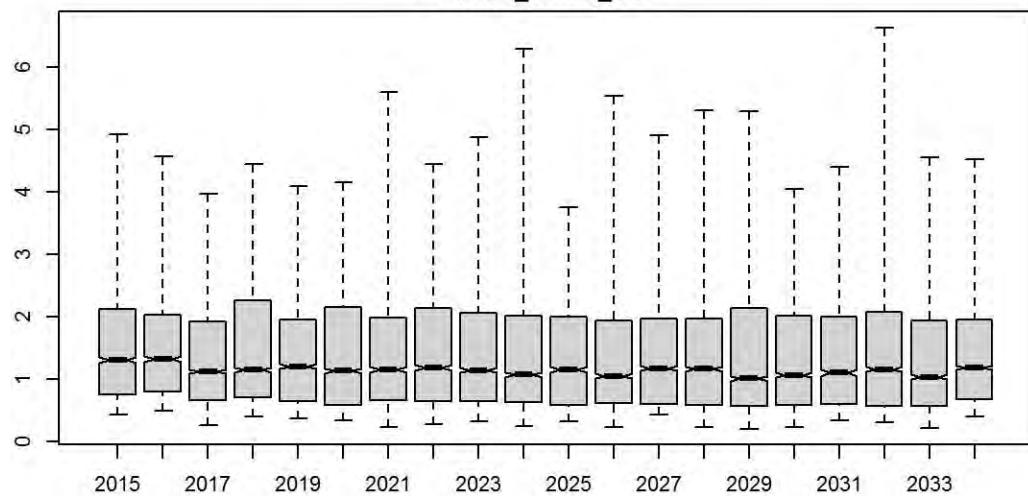
Midsurv2



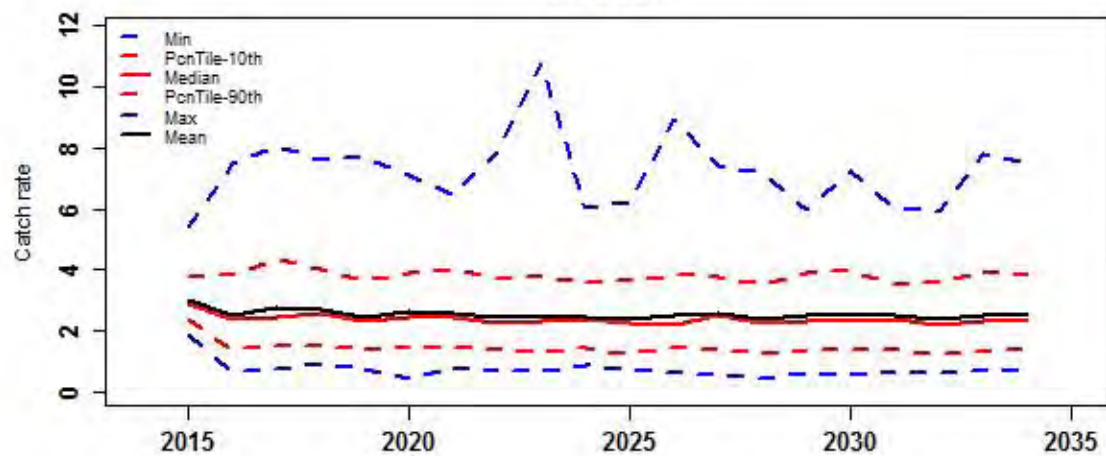
Future_CPUE_TVH



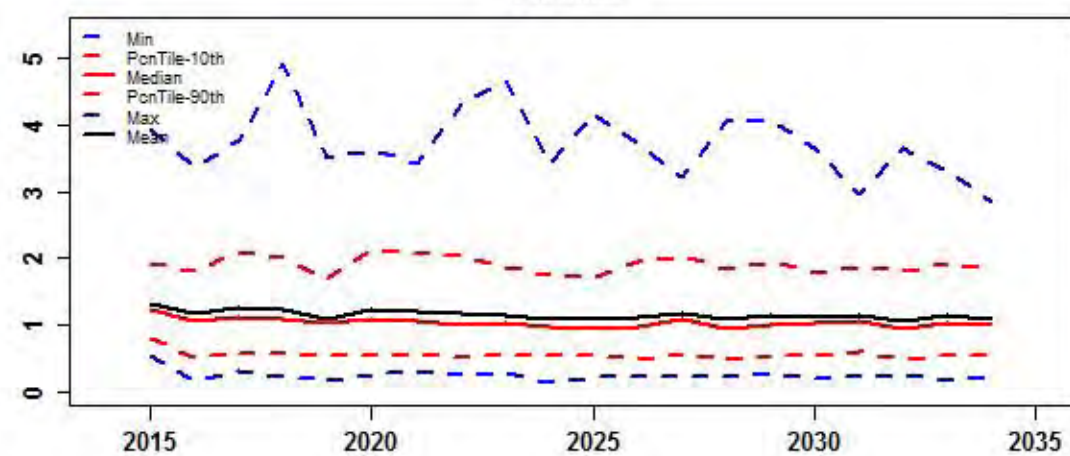
Future_CPUE_TIB



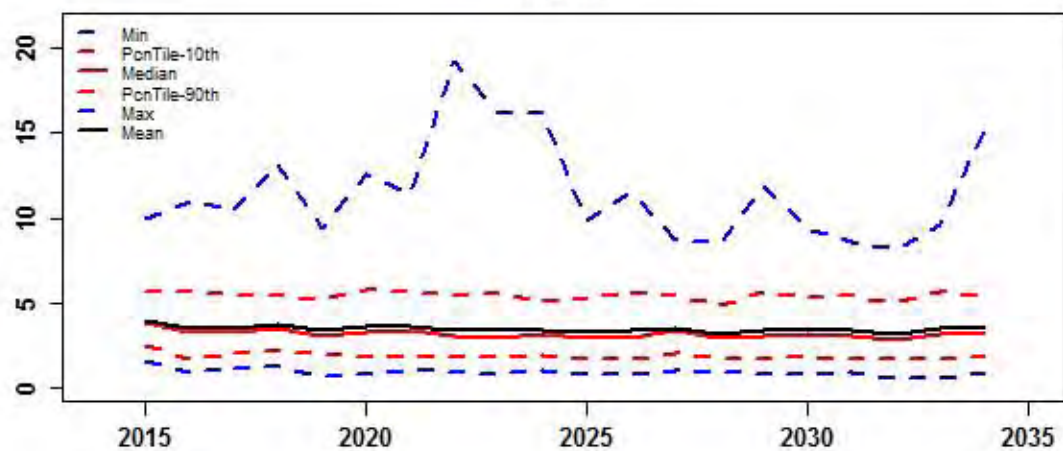
Preseas1



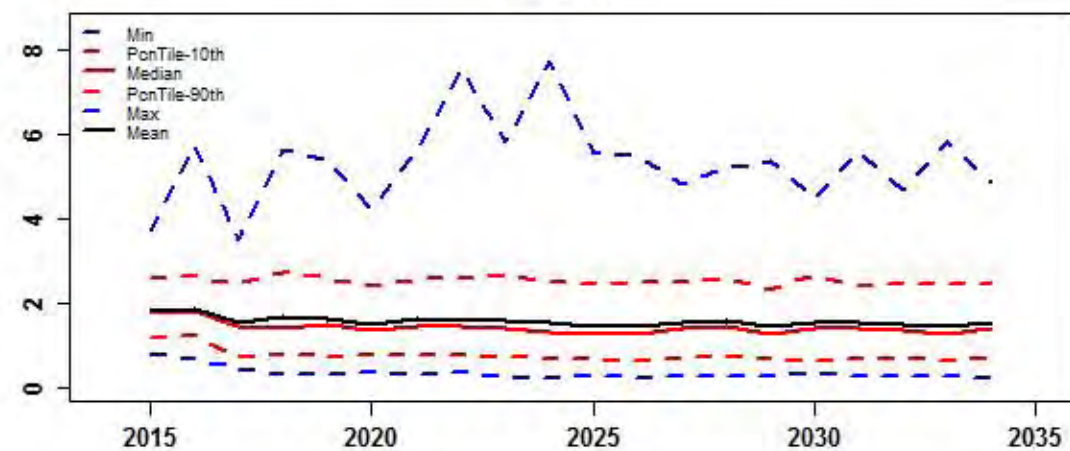
Preseas0



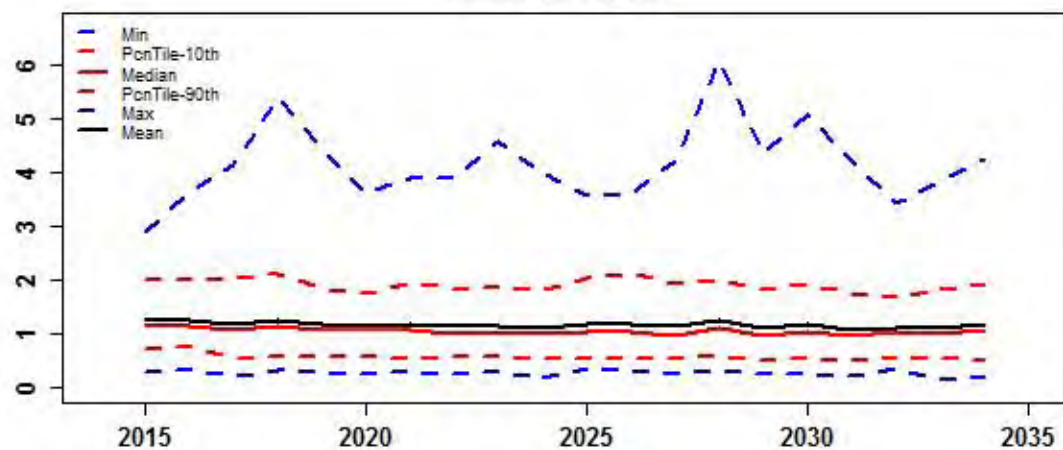
Midsurv1



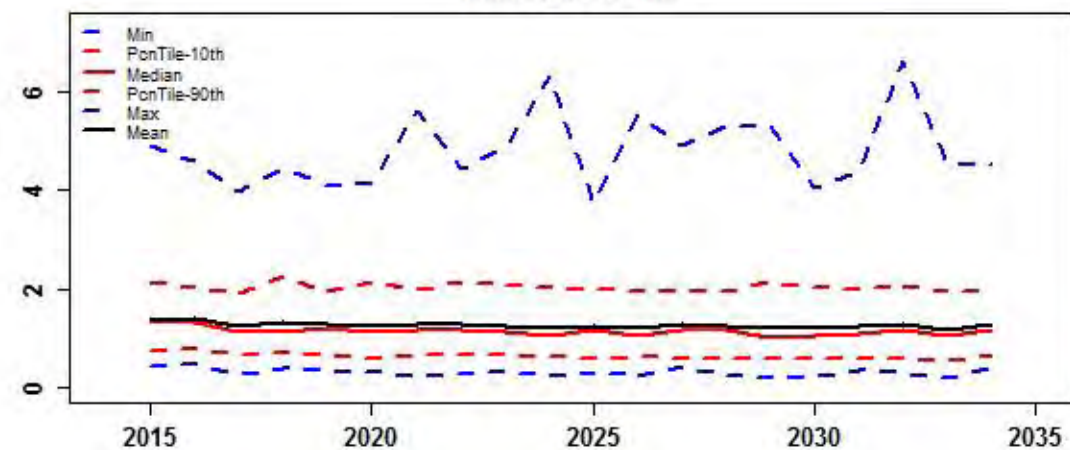
Midsurv2



Future_CPUE_TVH

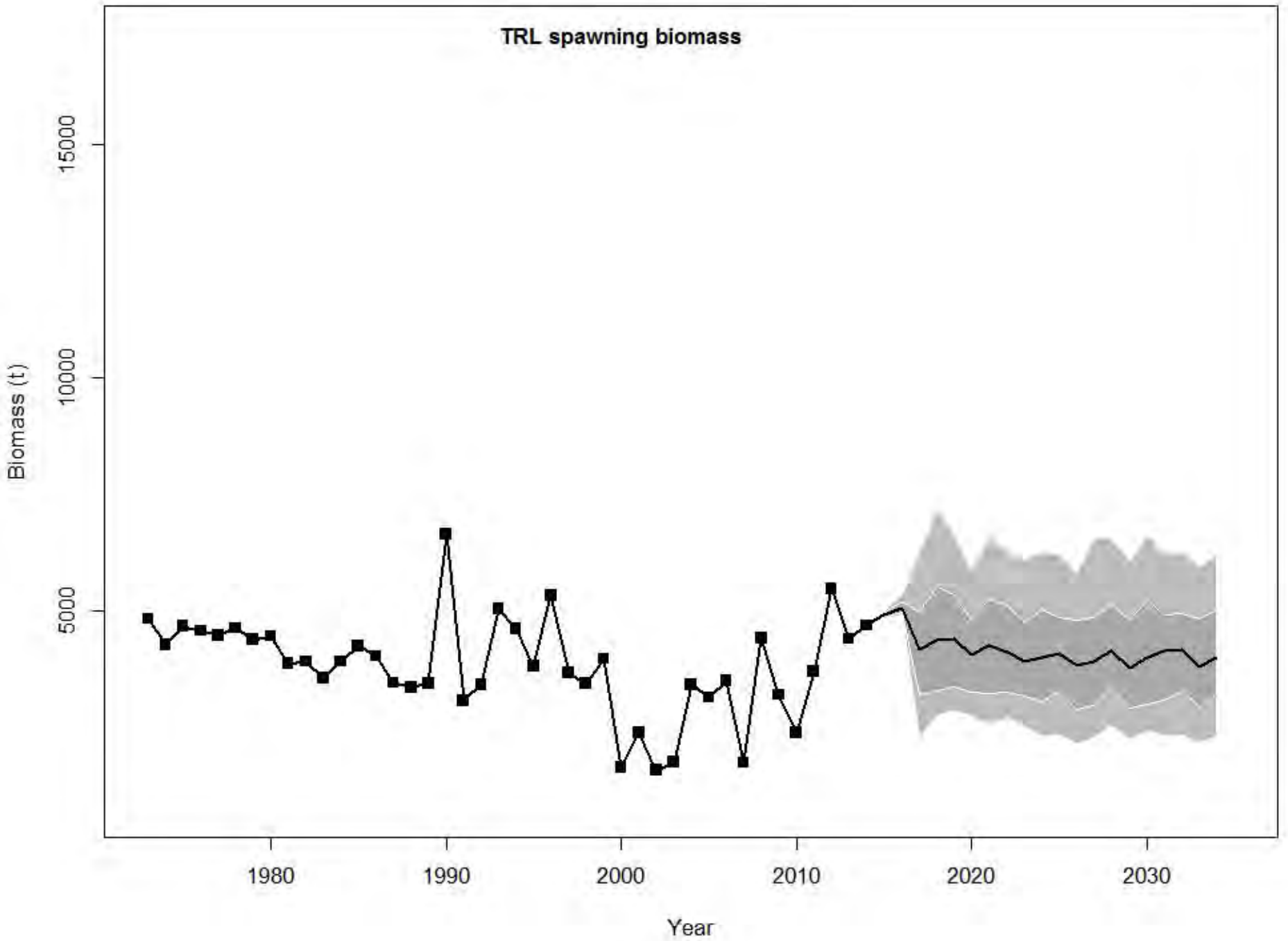


Future_CPUE_TIB

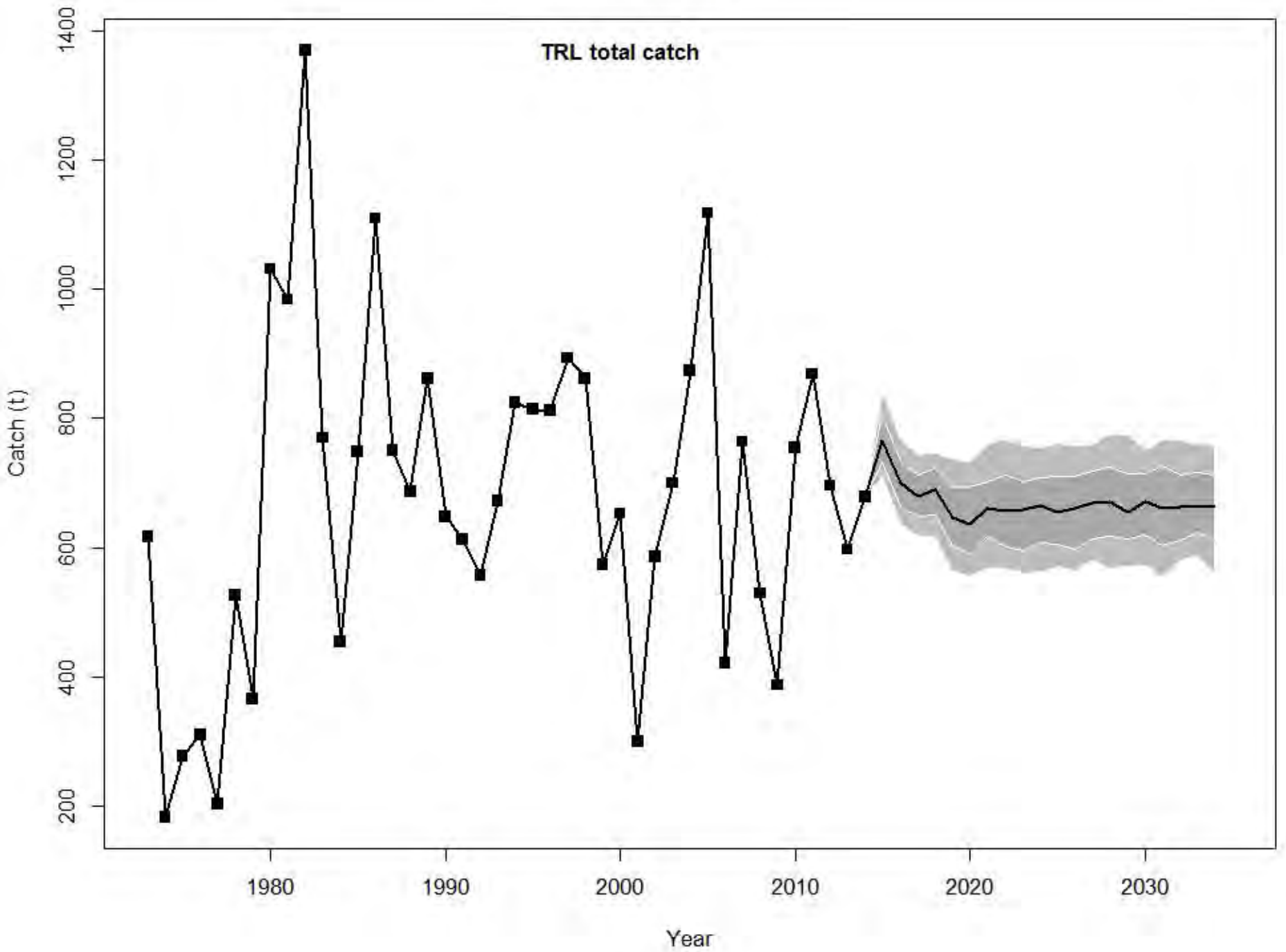


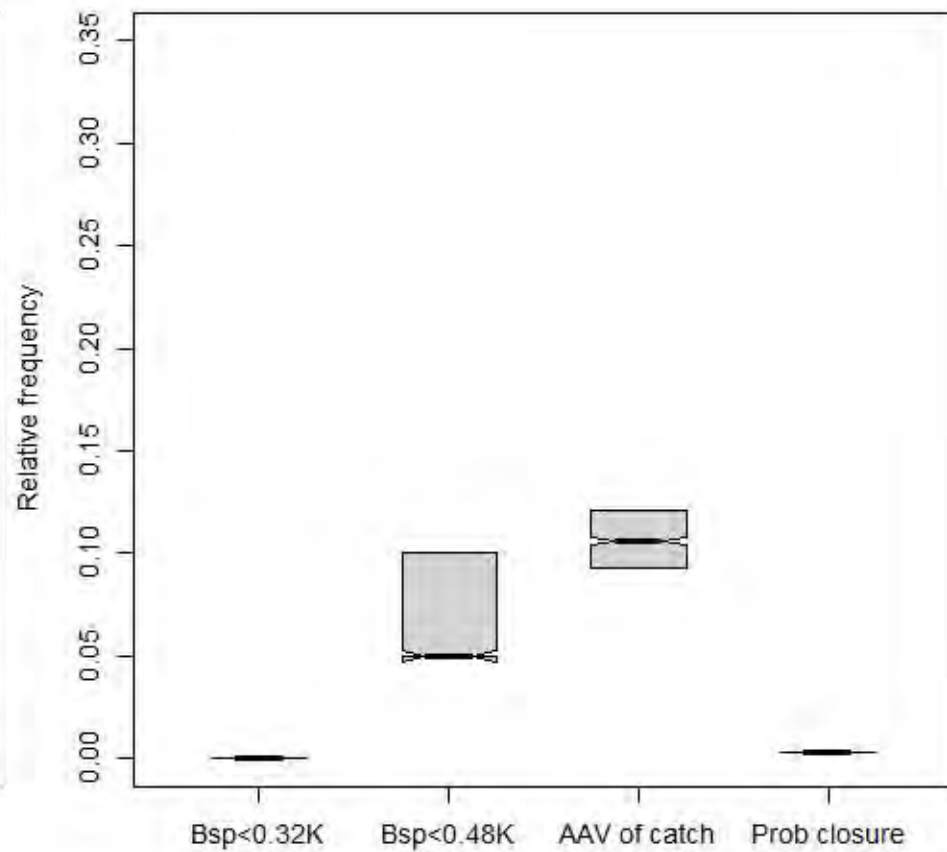
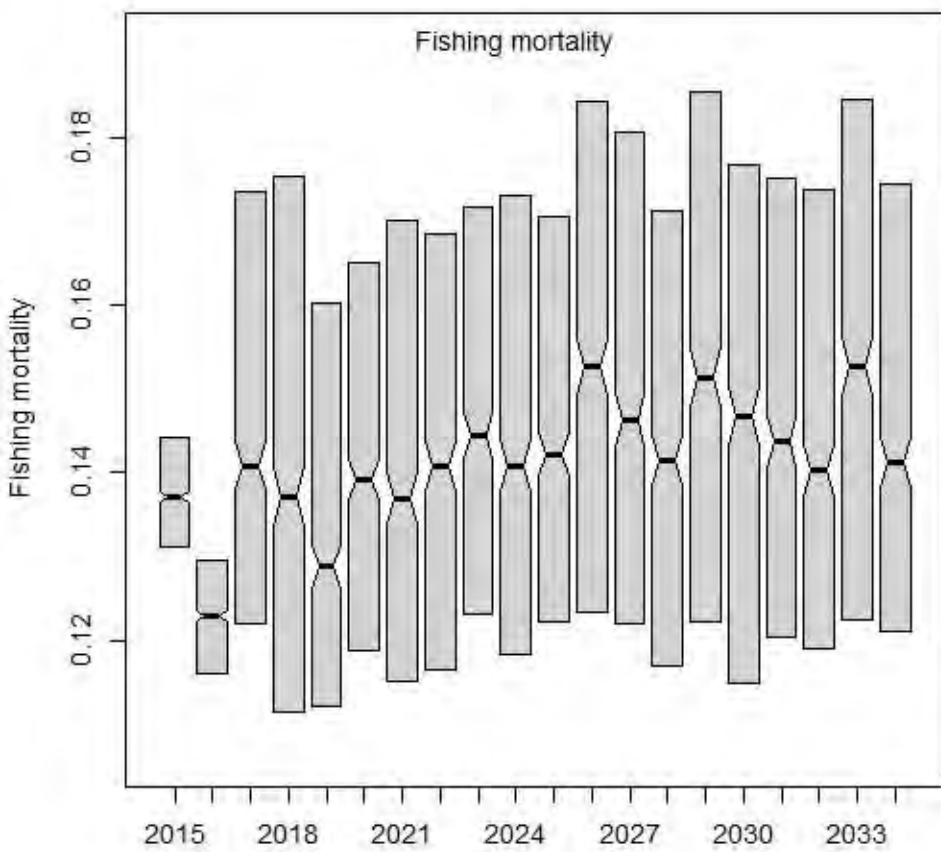
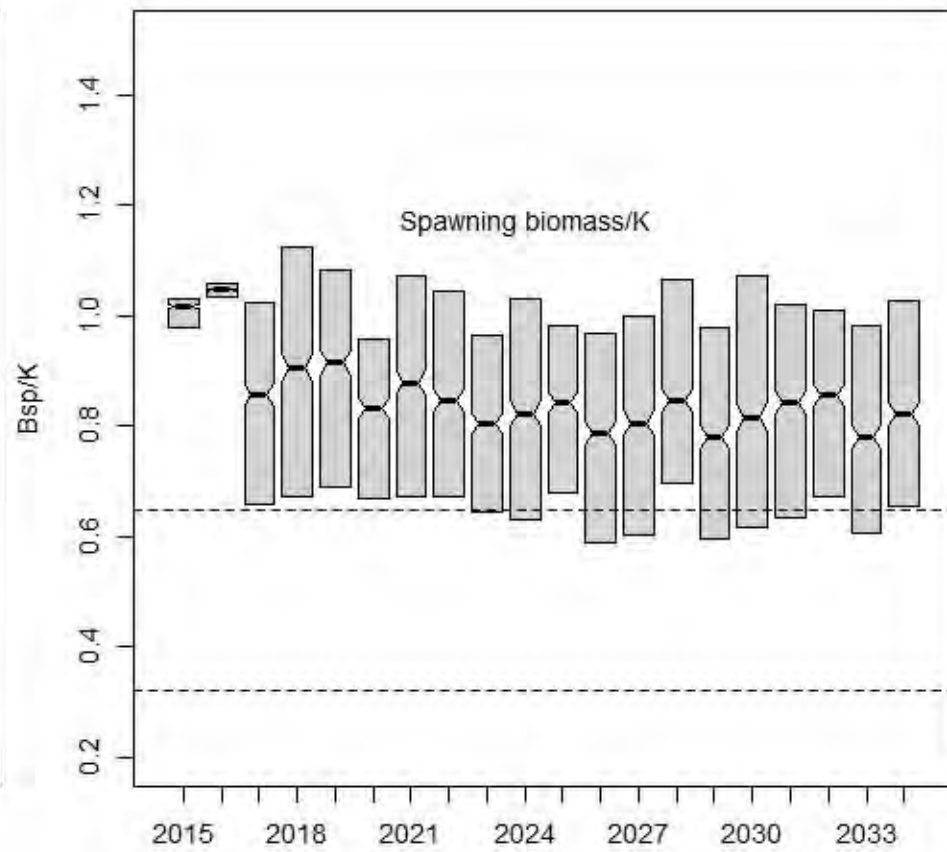
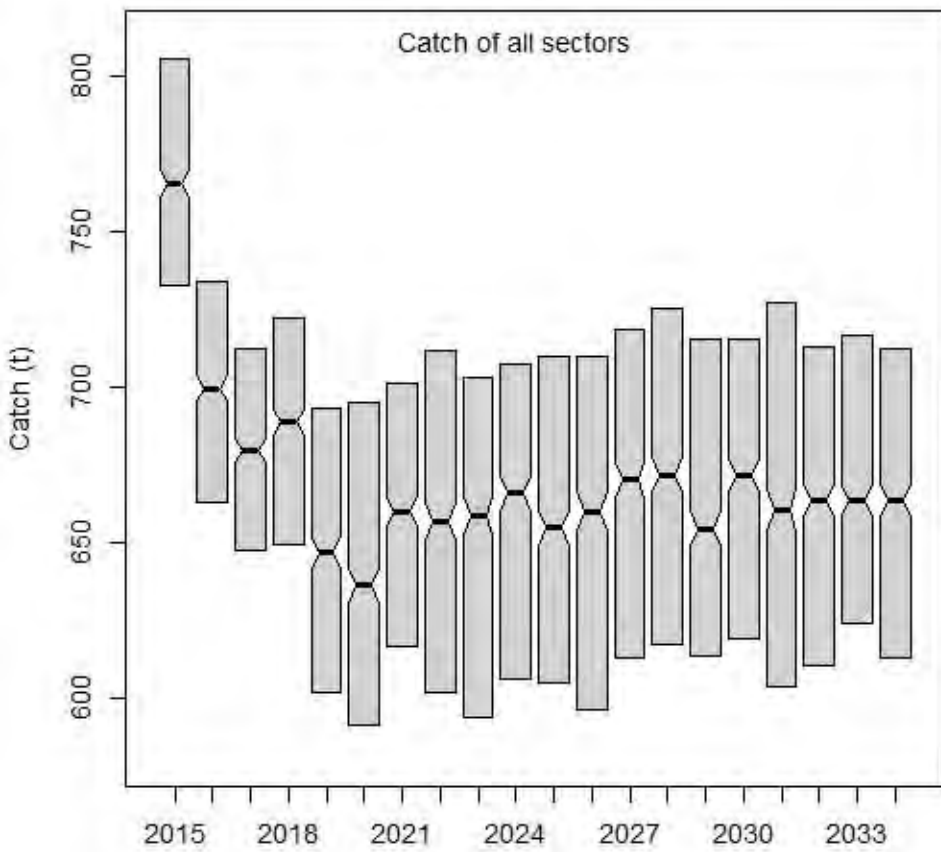
**HARVEST
CONTROL
RULE
SCENARIO 10**

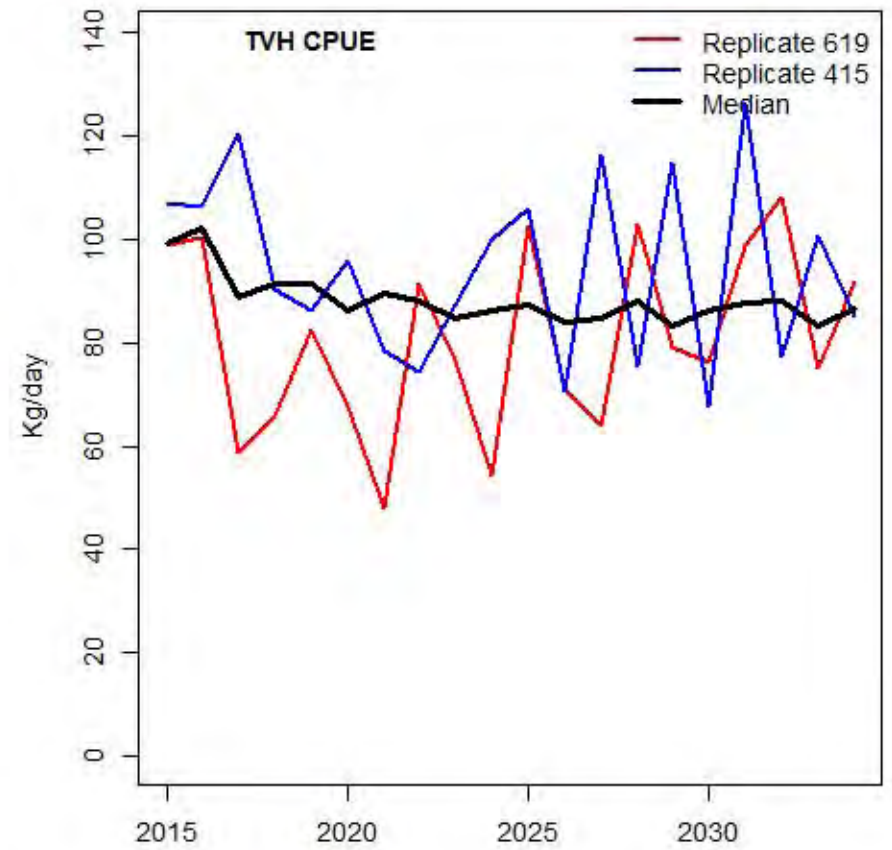
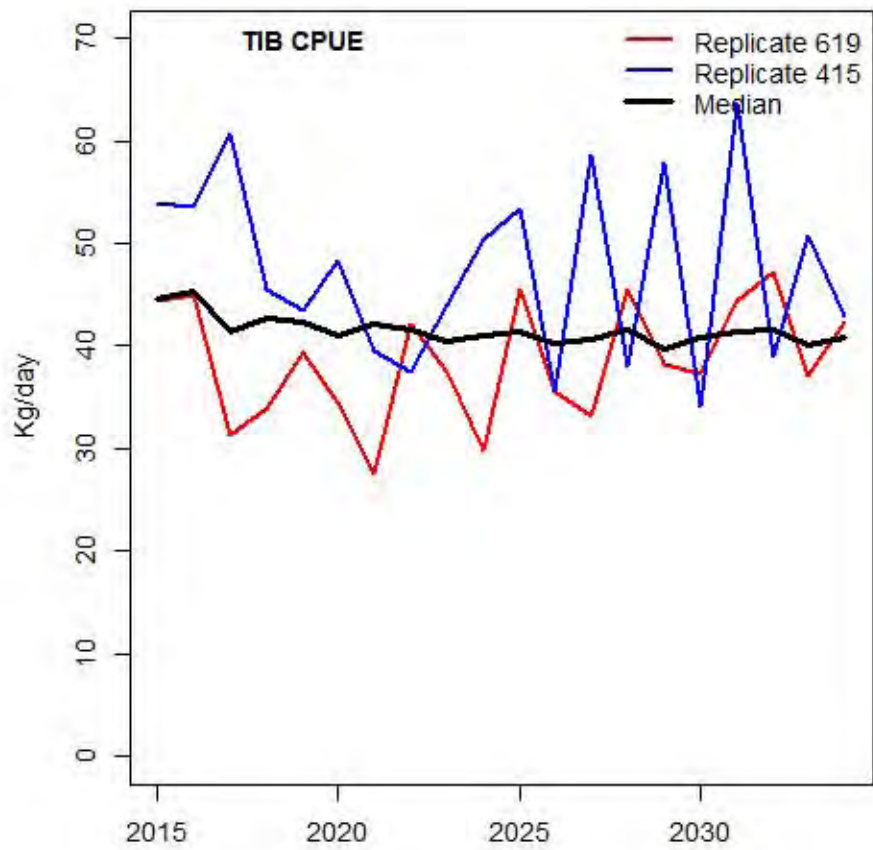
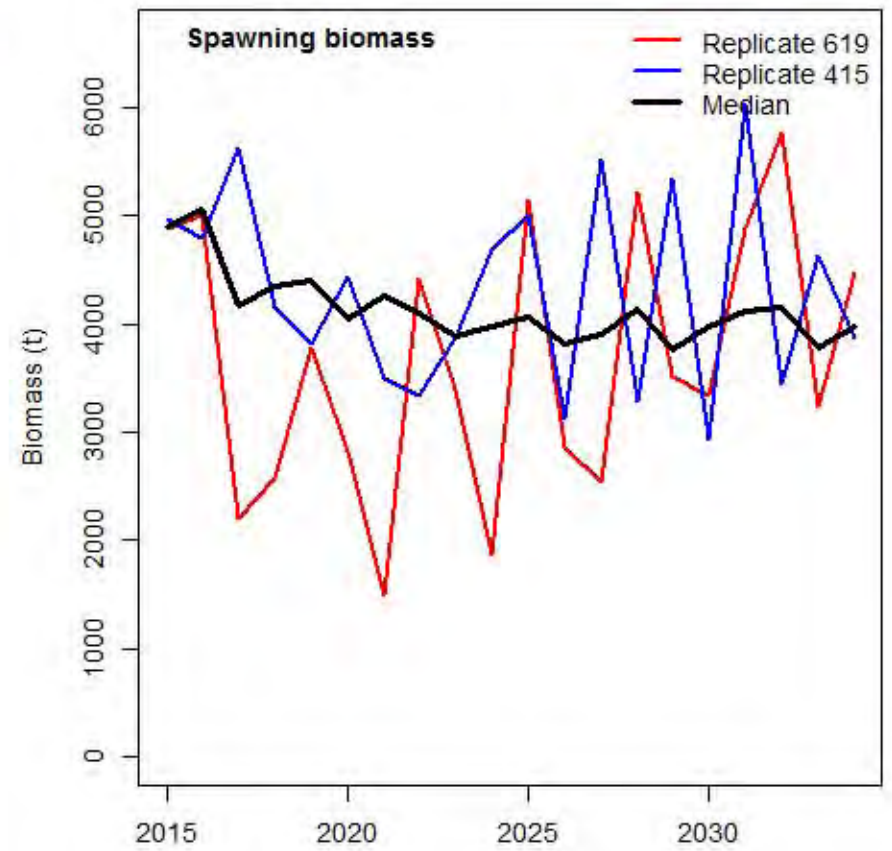
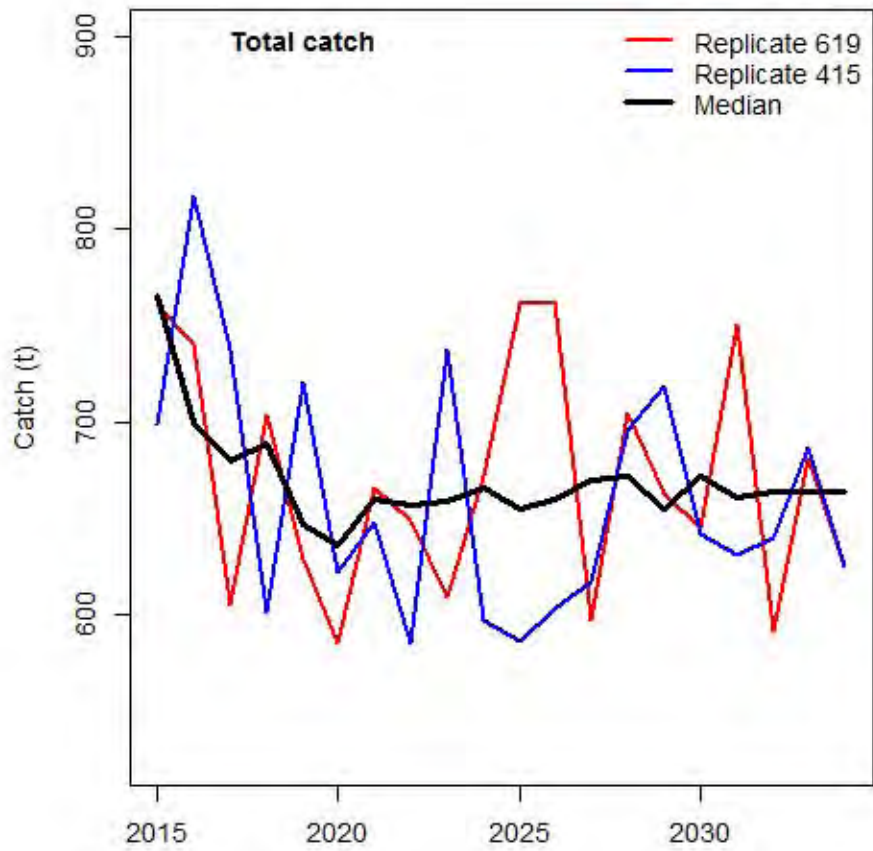
rHCR10



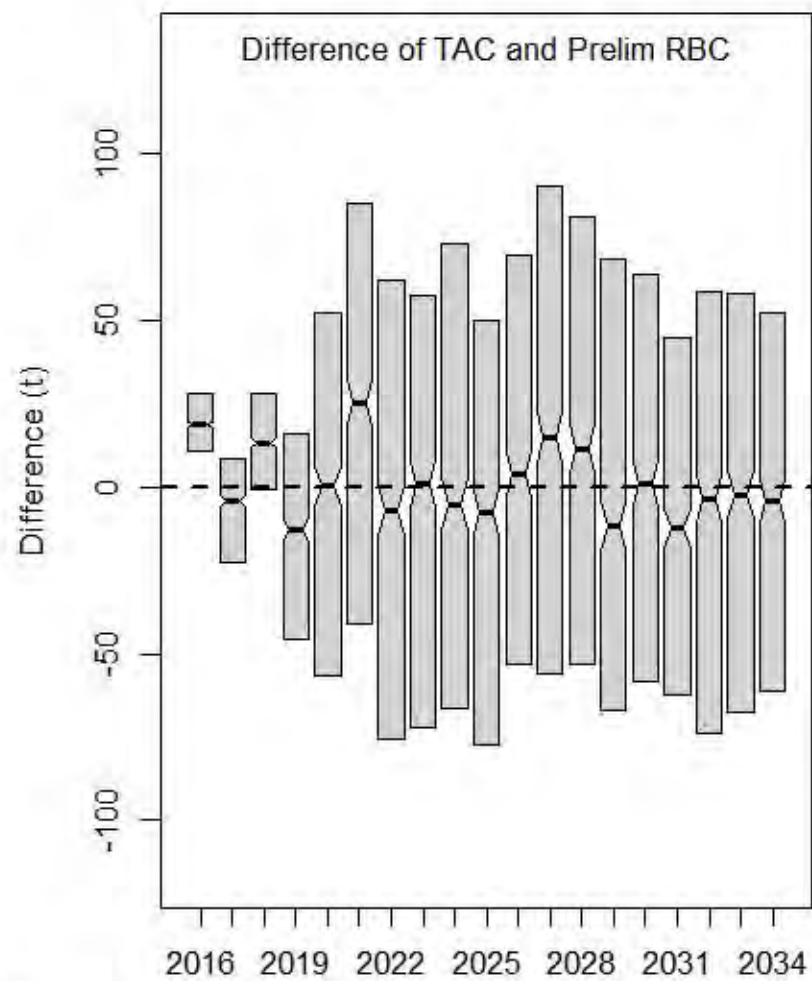
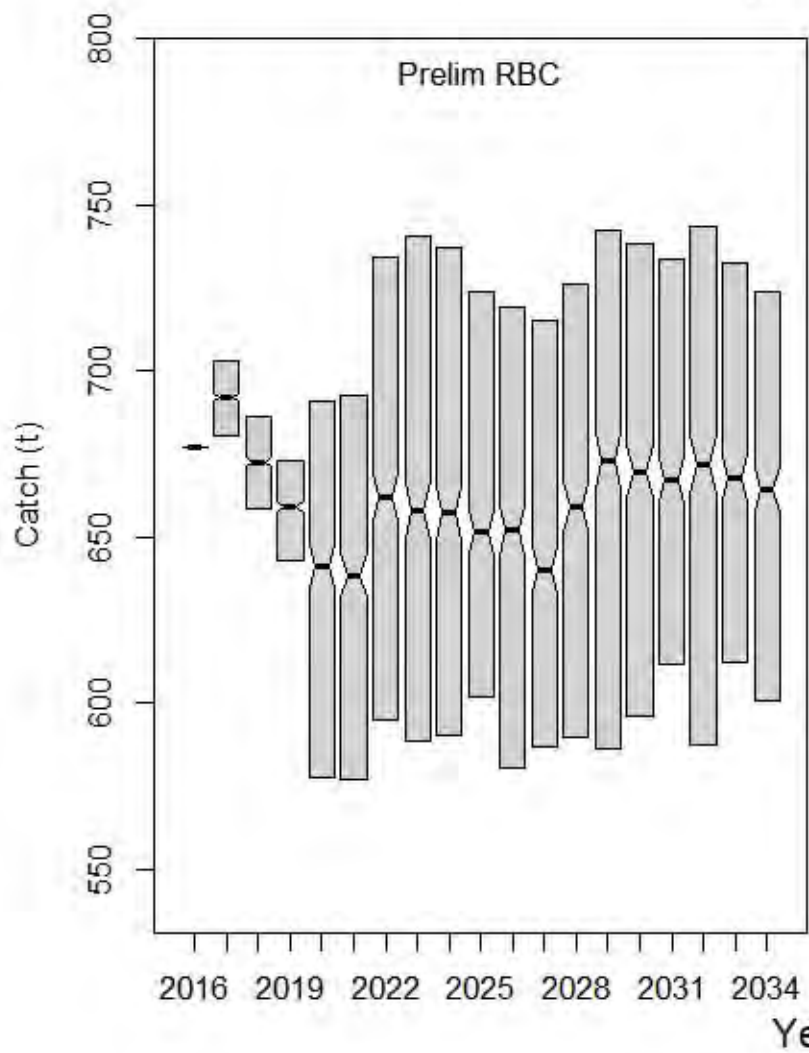
rHCR10



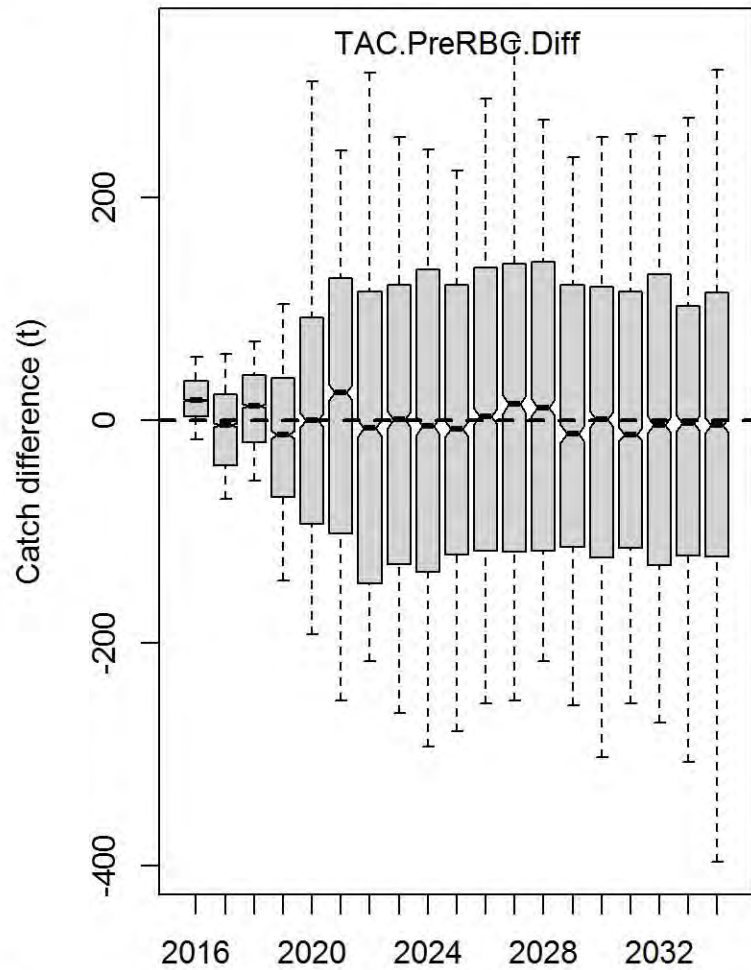
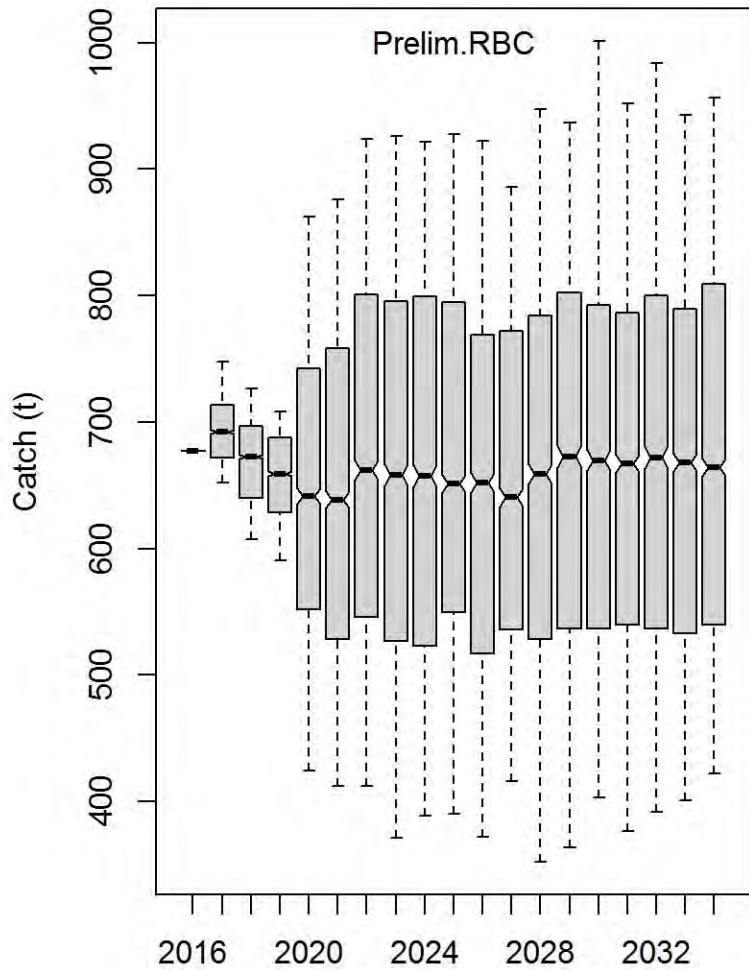




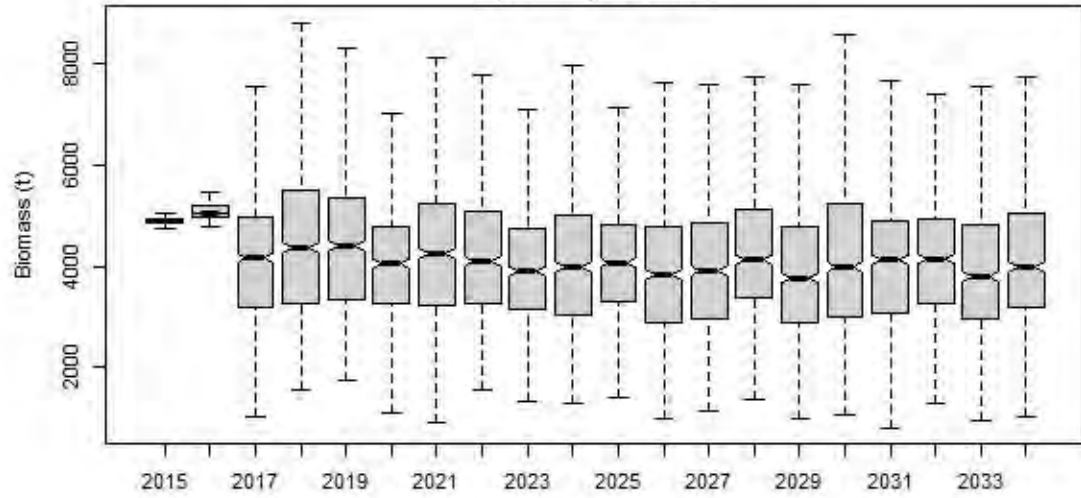
rHCR10



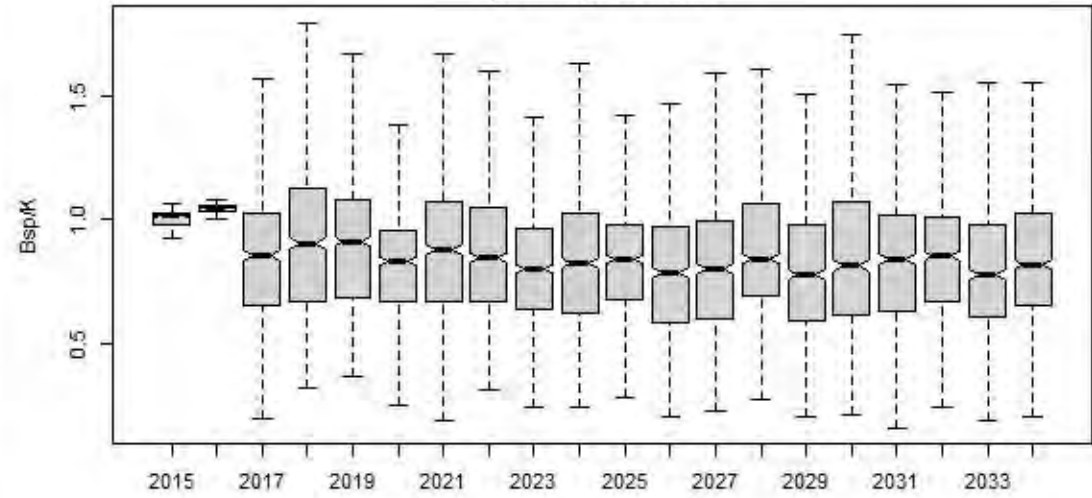
rHCR10



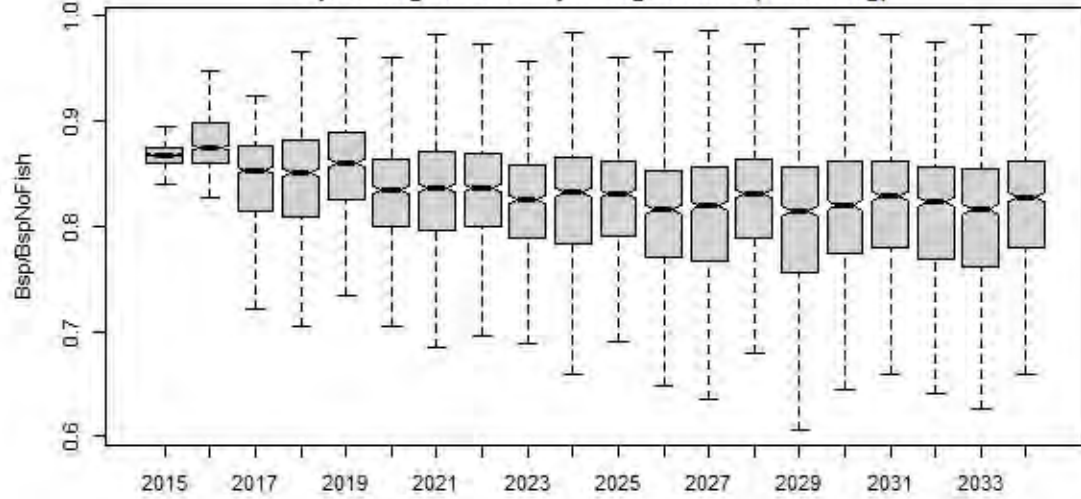
Spawning biomass



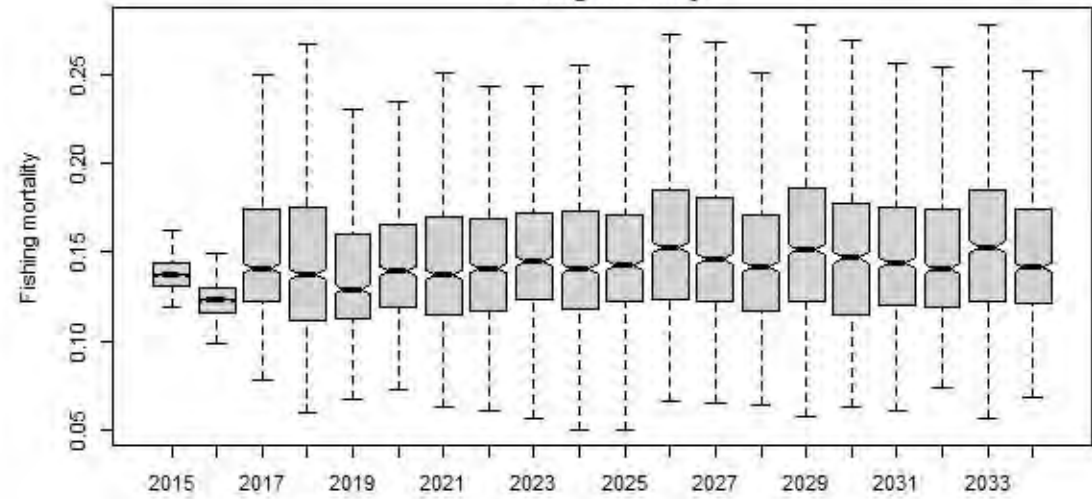
Spawning biomass/K



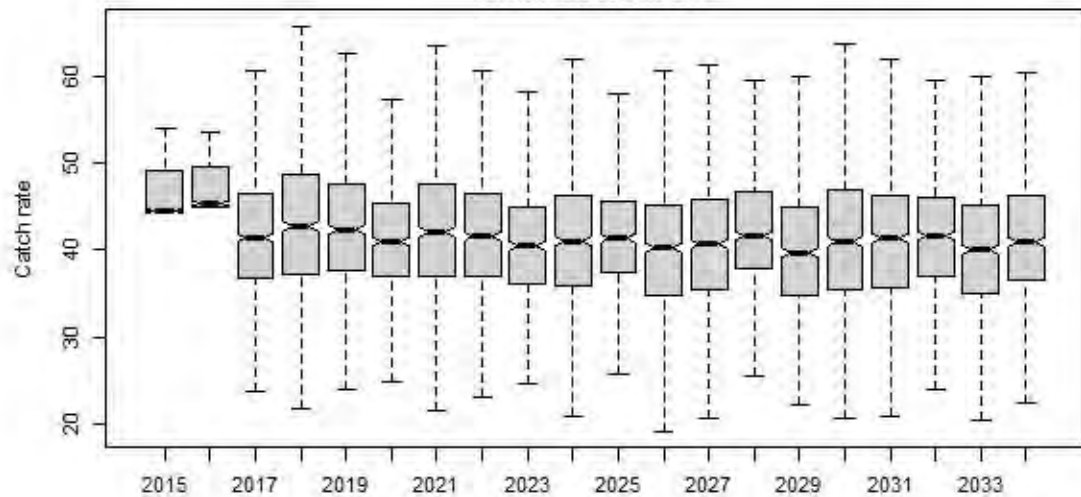
Spawning biomass/Spawning biomass(no fishing)



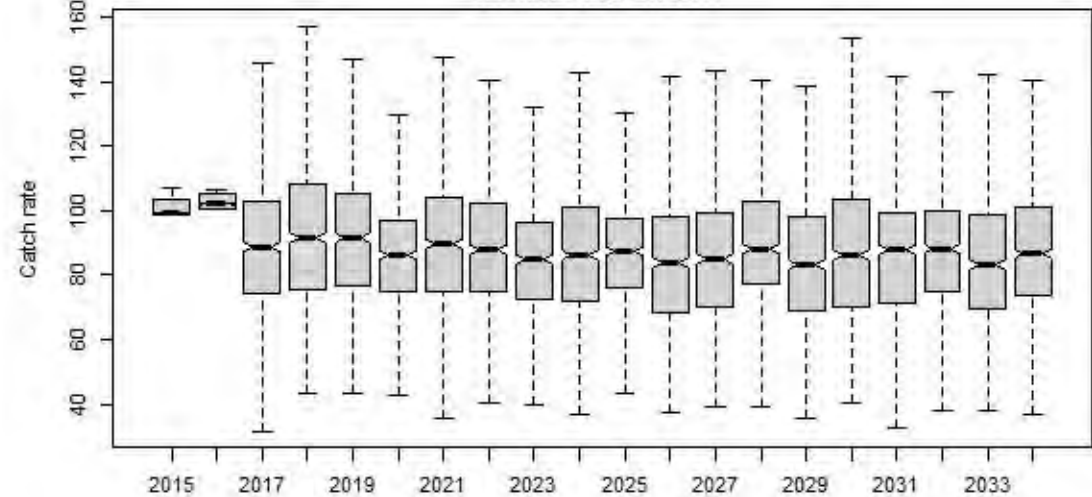
Fishing mortality

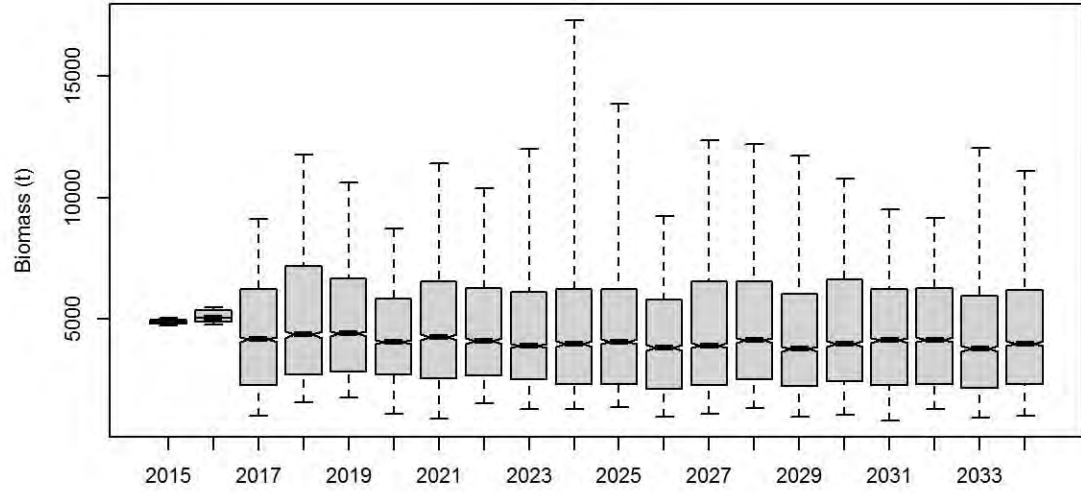
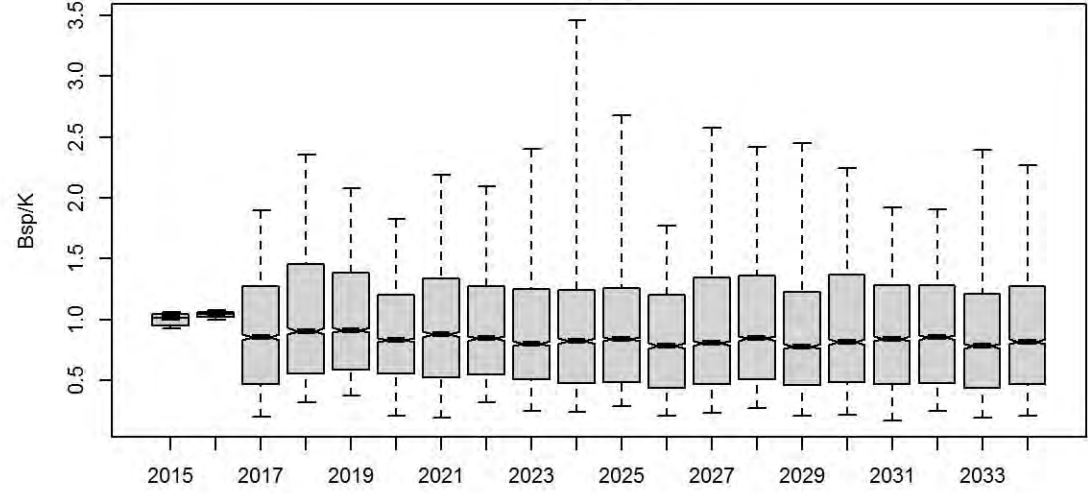
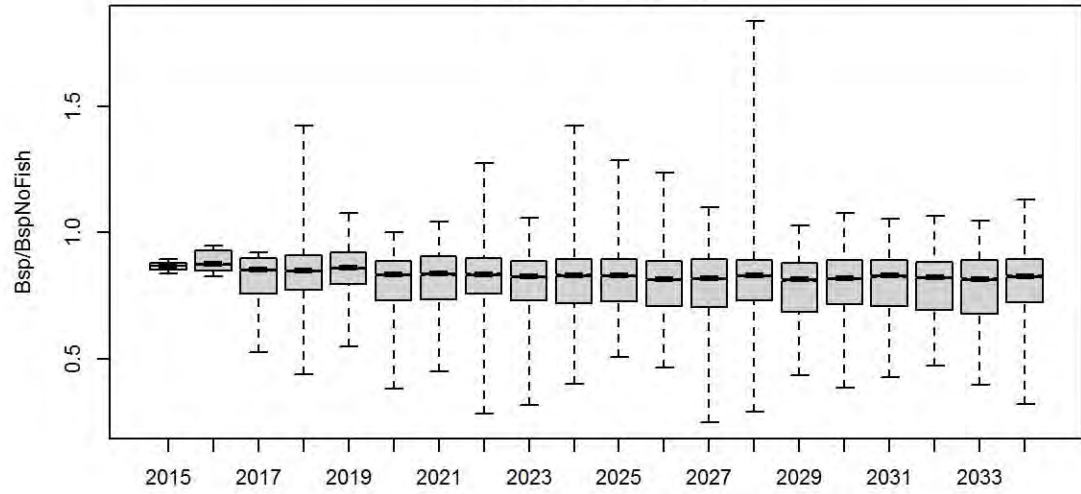
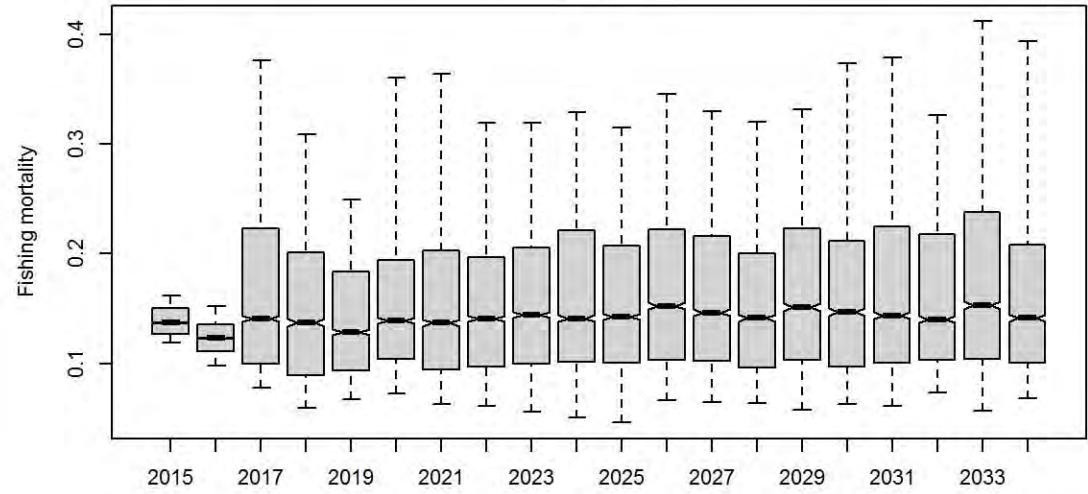
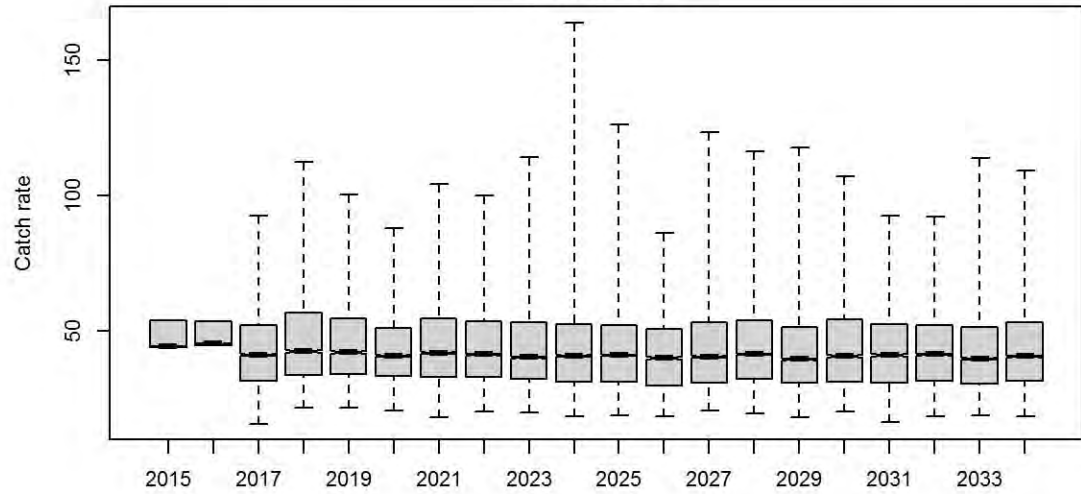
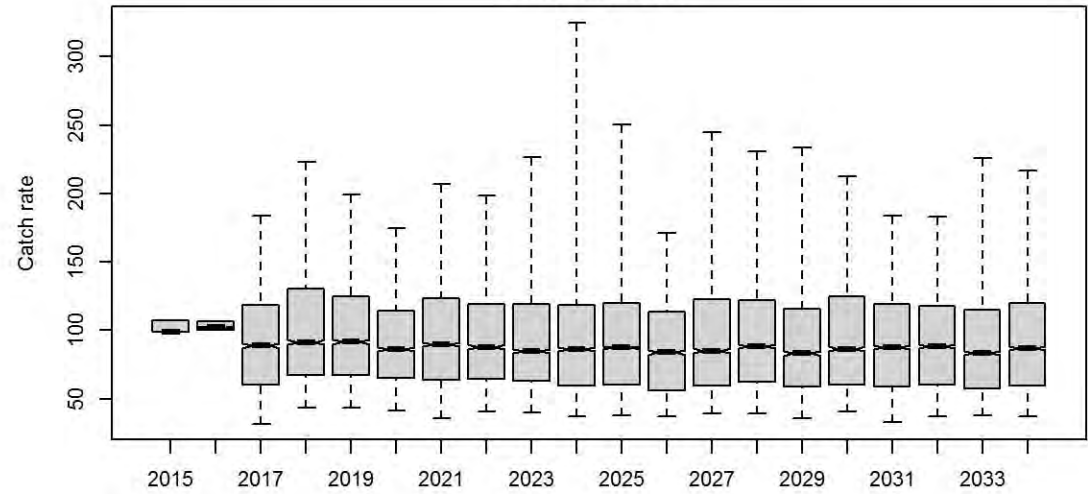


Actual CPUE of TIB

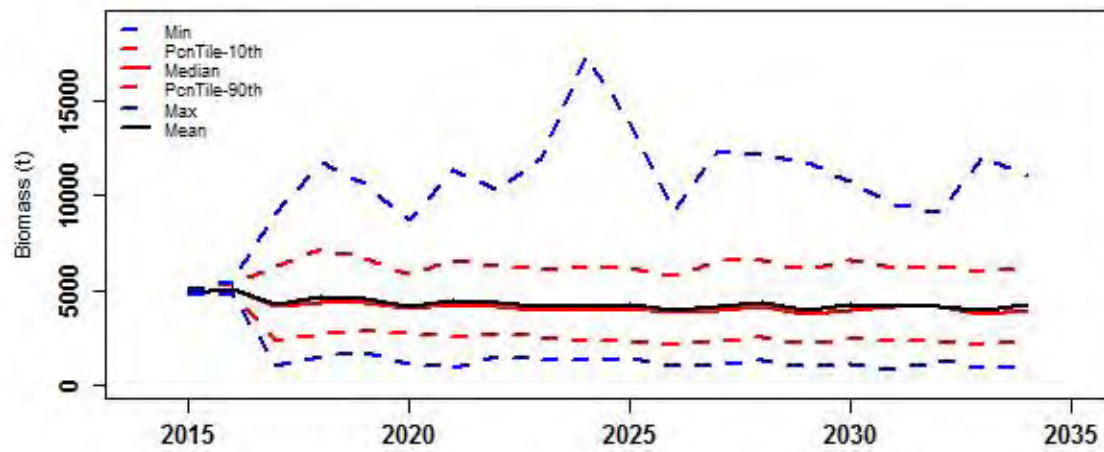


Actual CPUE of TVH

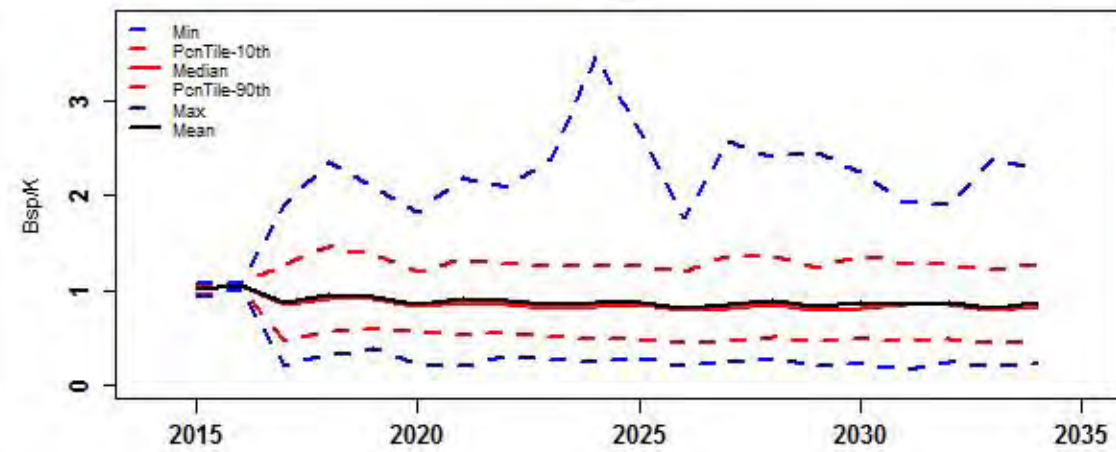


Bsp**Bsp_K****Bsp_BspNoFishing****F.mal****ActlCPUE.TIB****ActlCPUE.TVH**

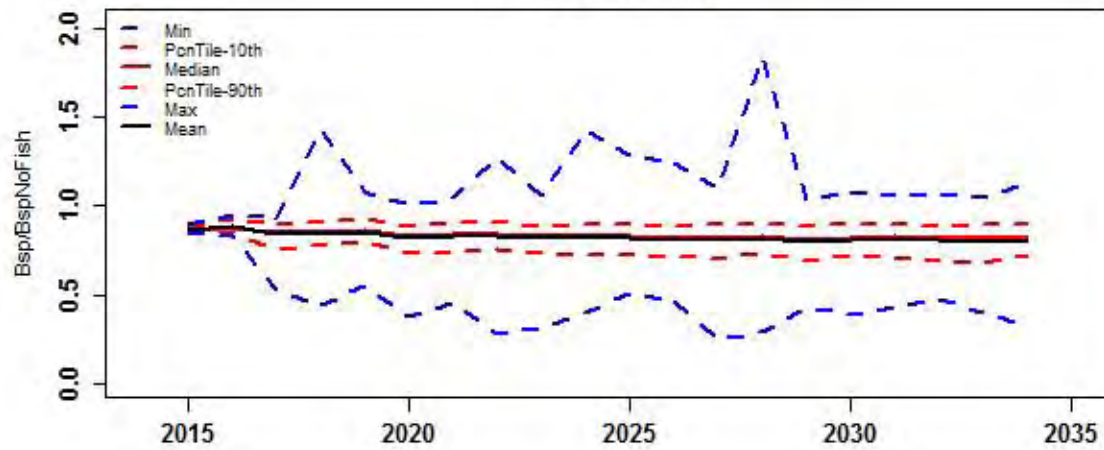
Bsp



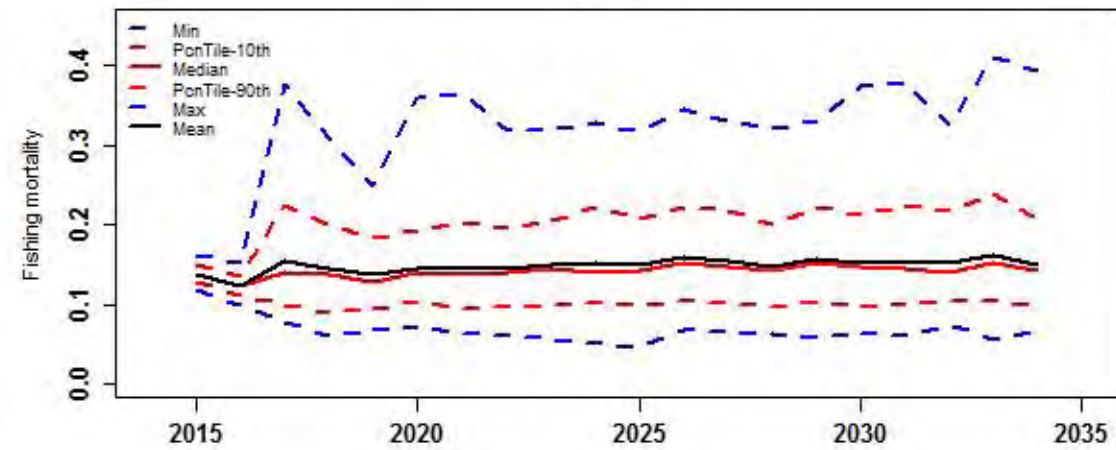
Bsp_K



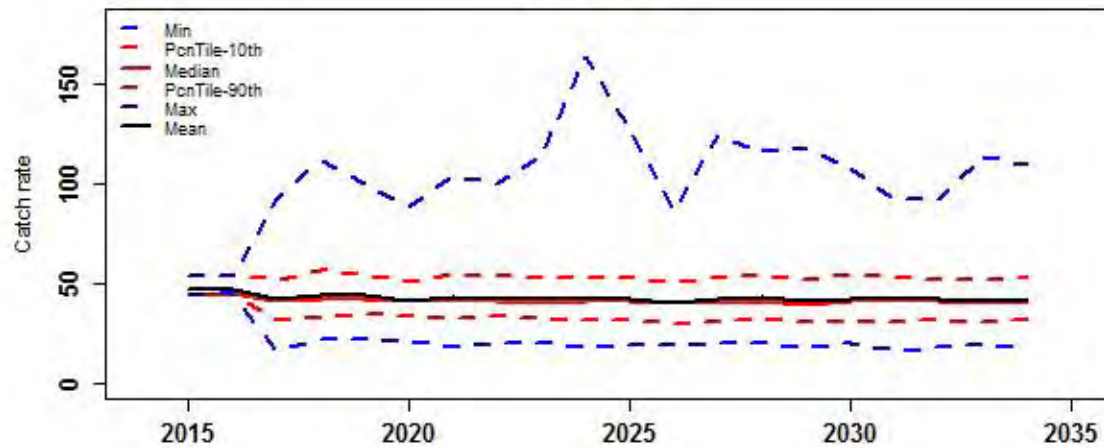
Bsp_BspNoFishing



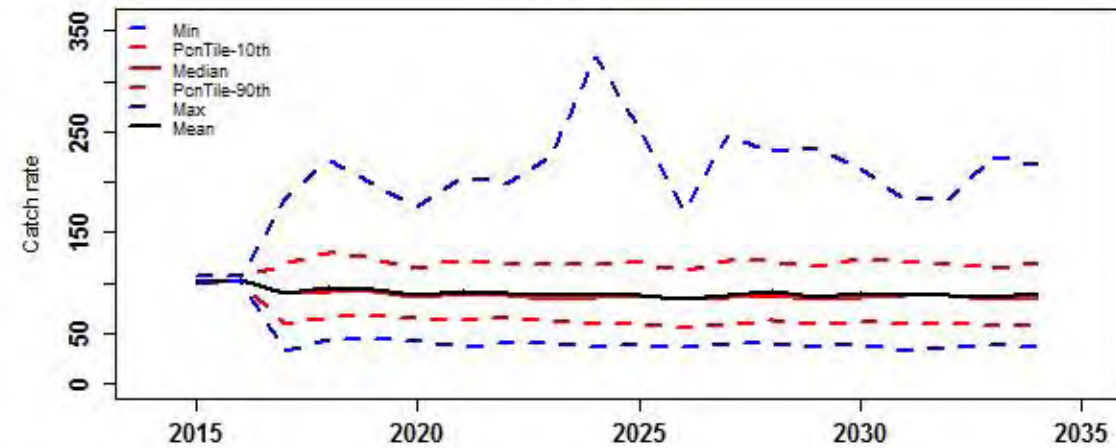
F.mal



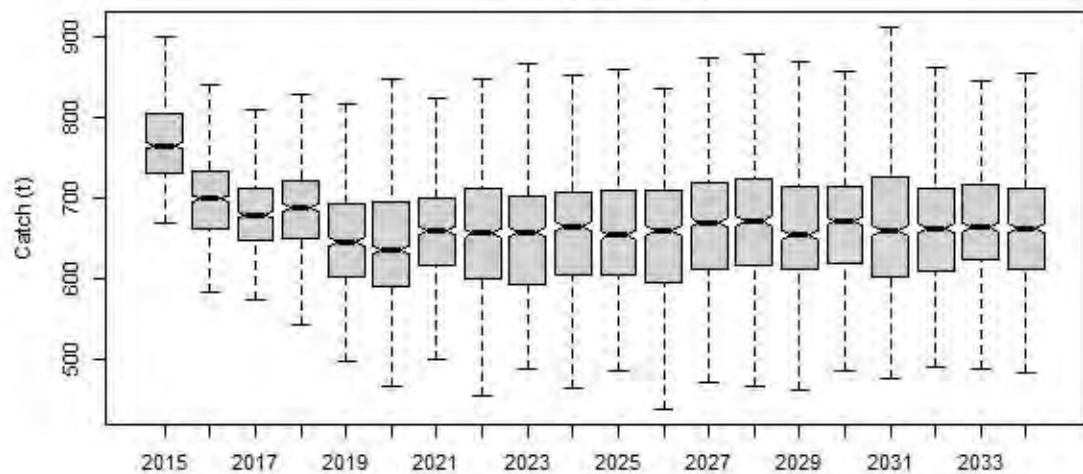
ActlCPUE.TIB



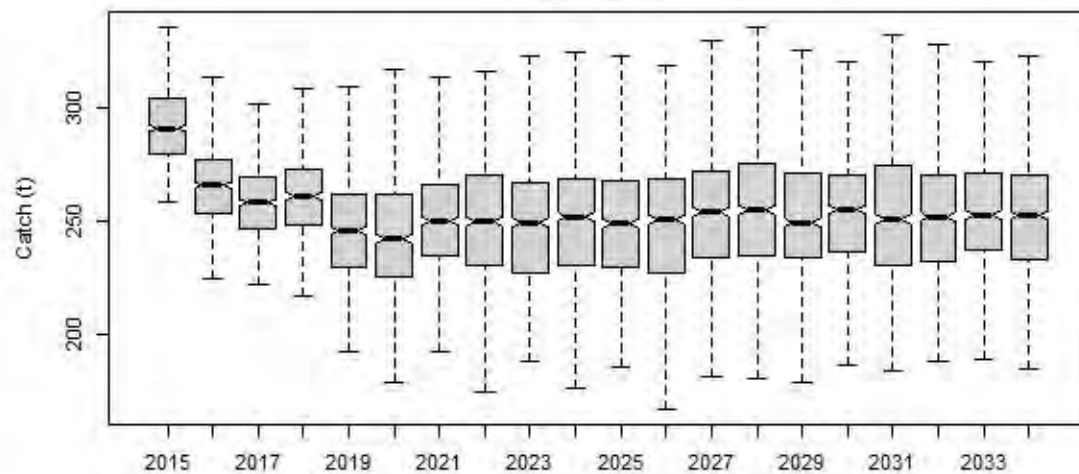
ActlCPUE.TVH



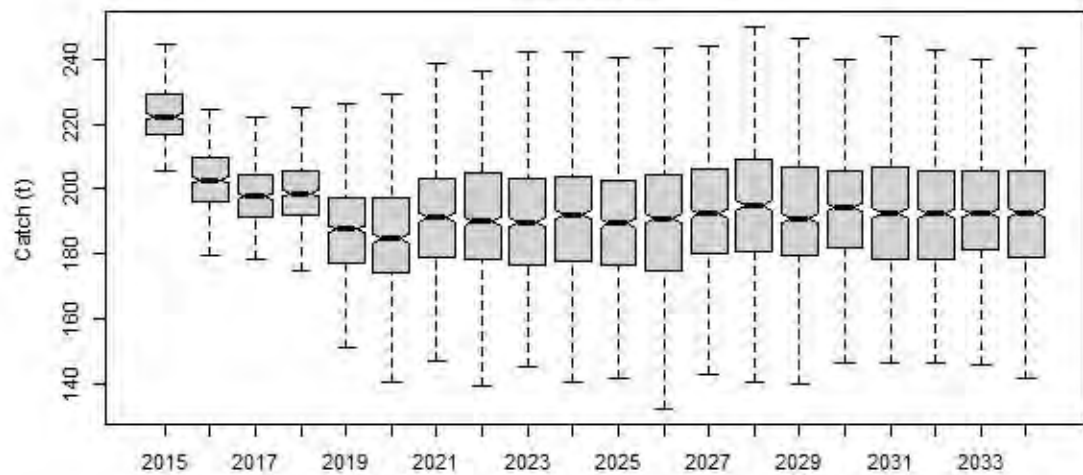
Catch of all sectors



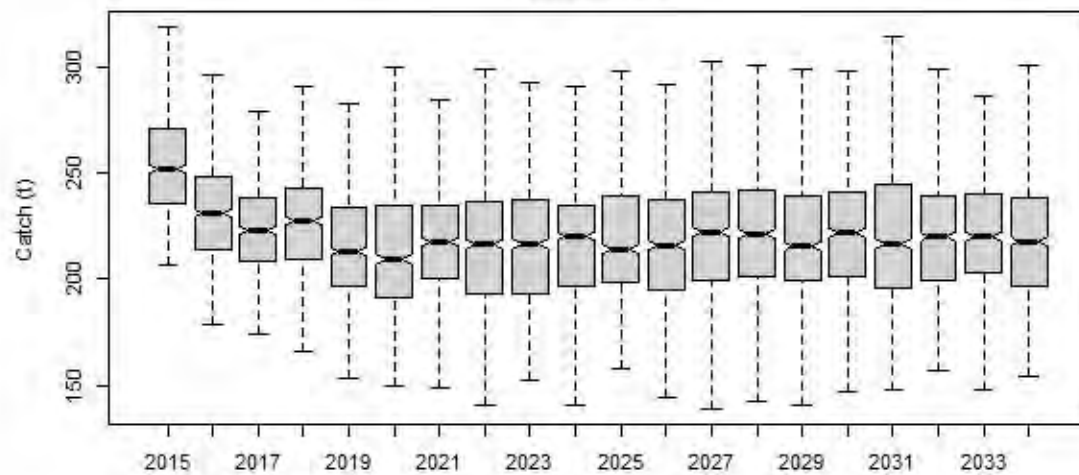
Catch of TIB



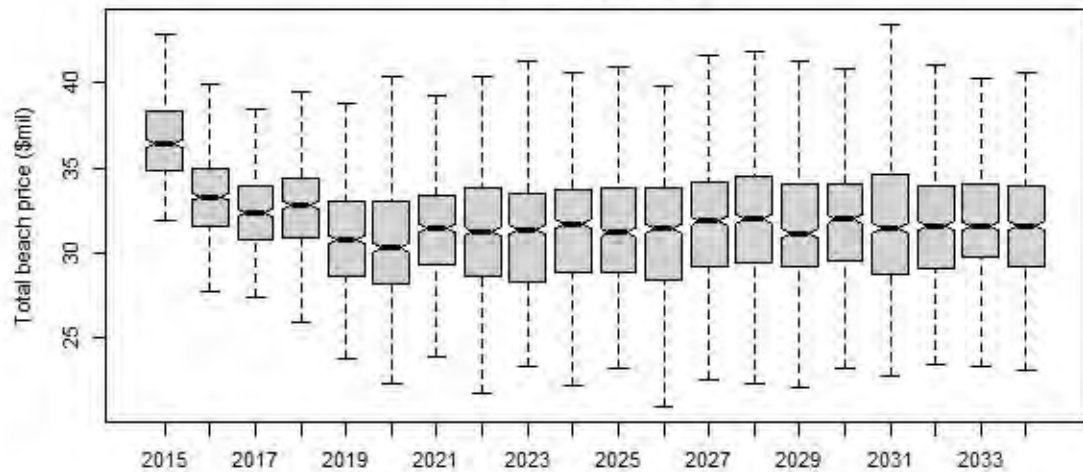
Catch of TVH



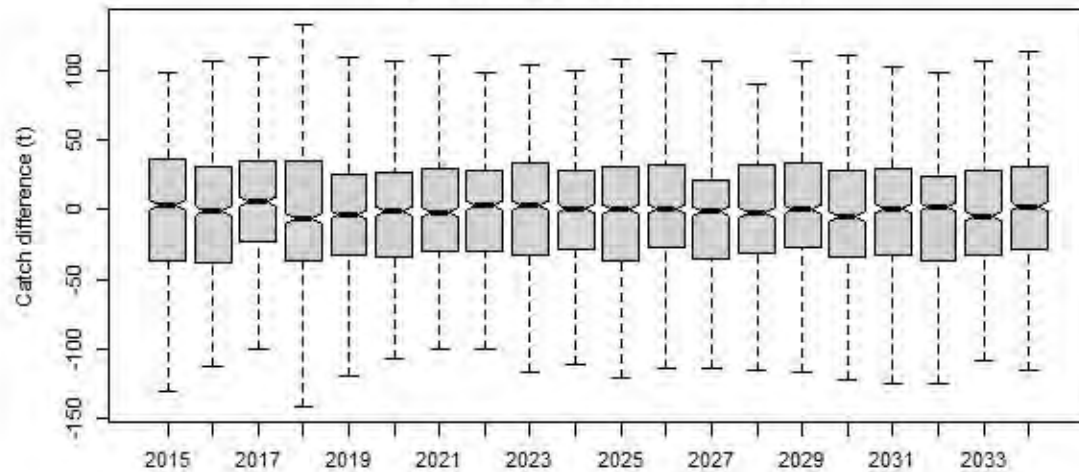
Catch of PNG



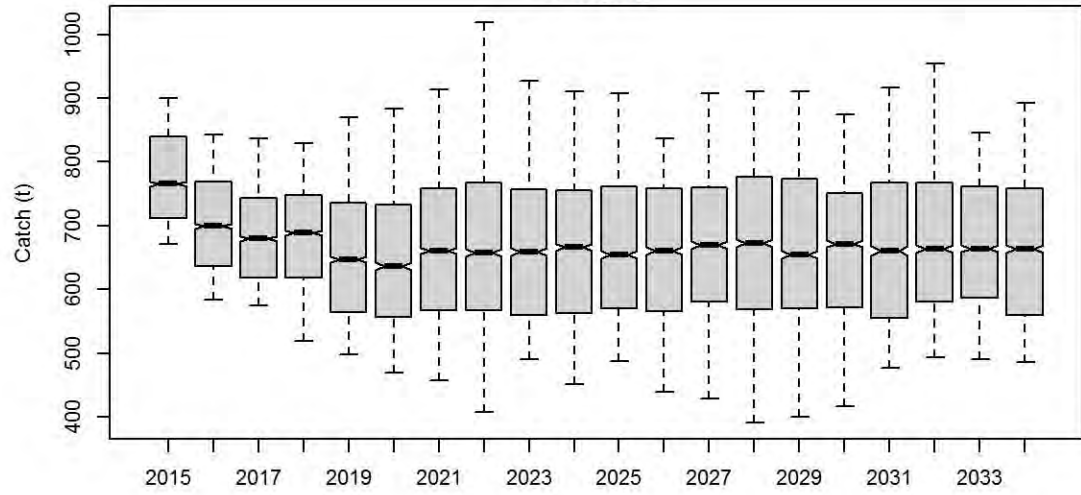
Total beach price



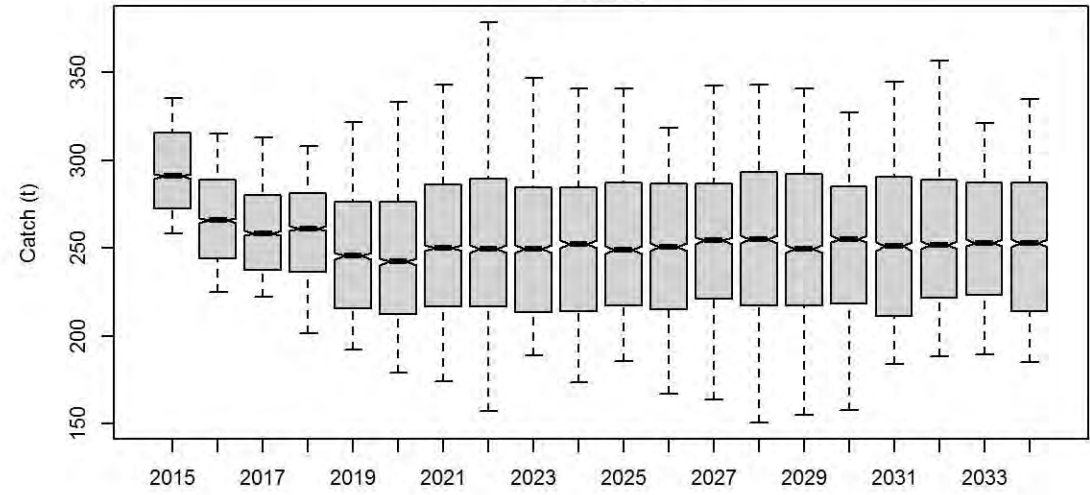
Difference of TAC and actual catch



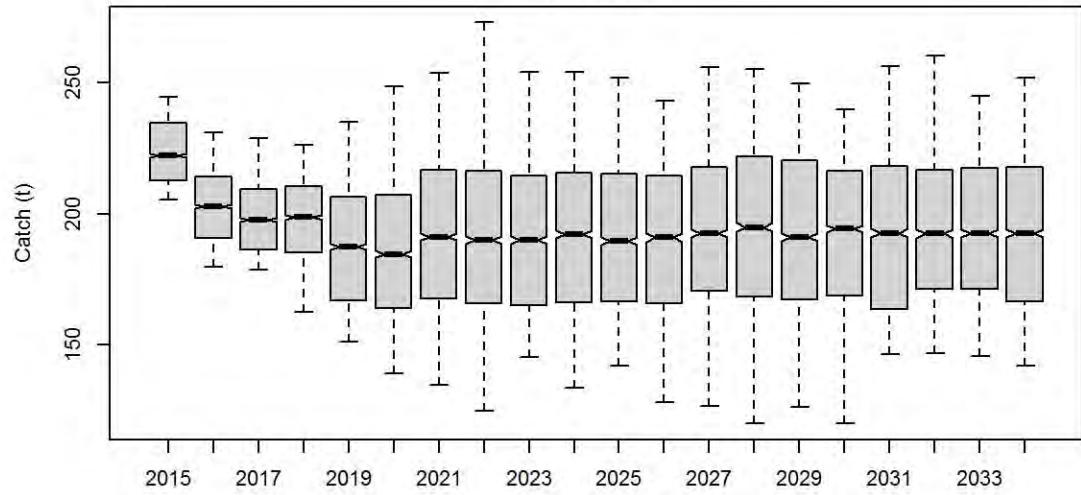
Catch.all



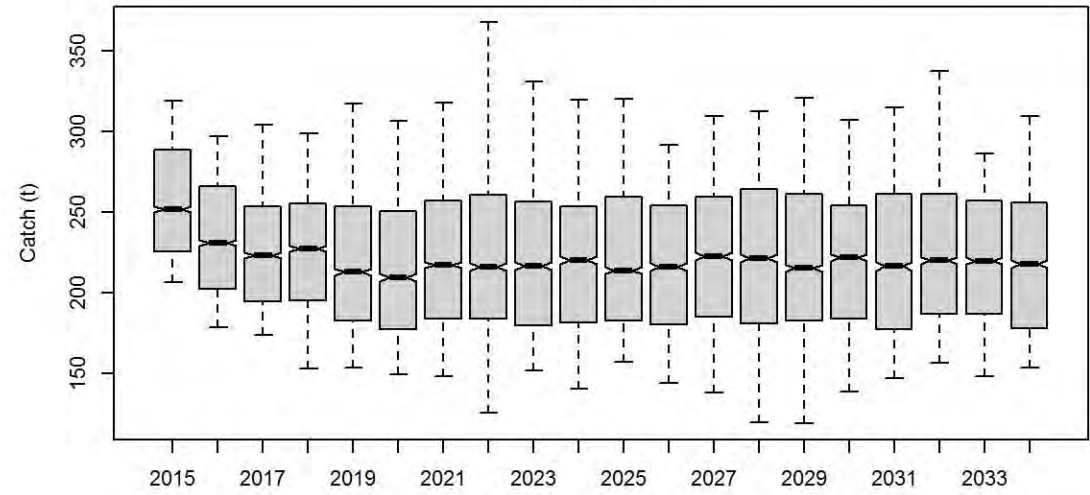
Catch.TIB



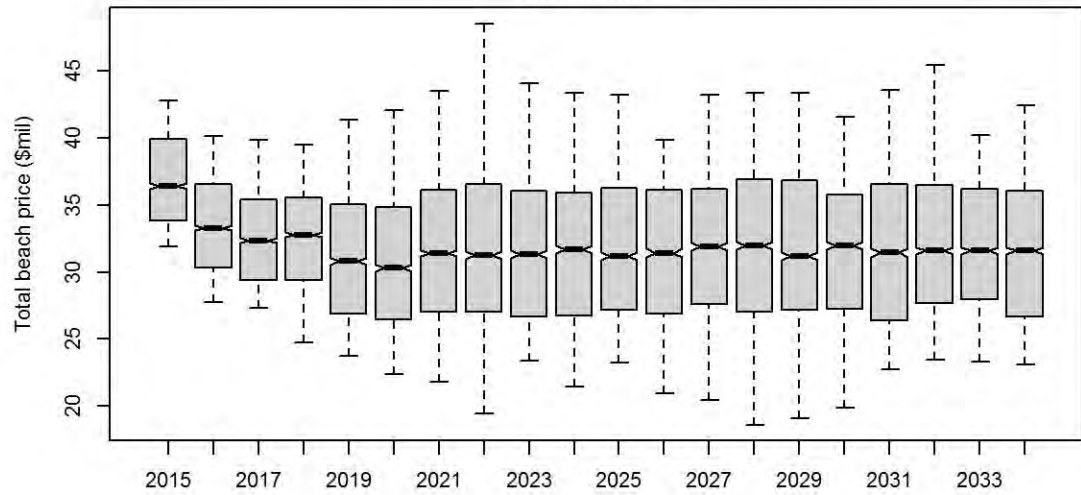
Catch.TVH



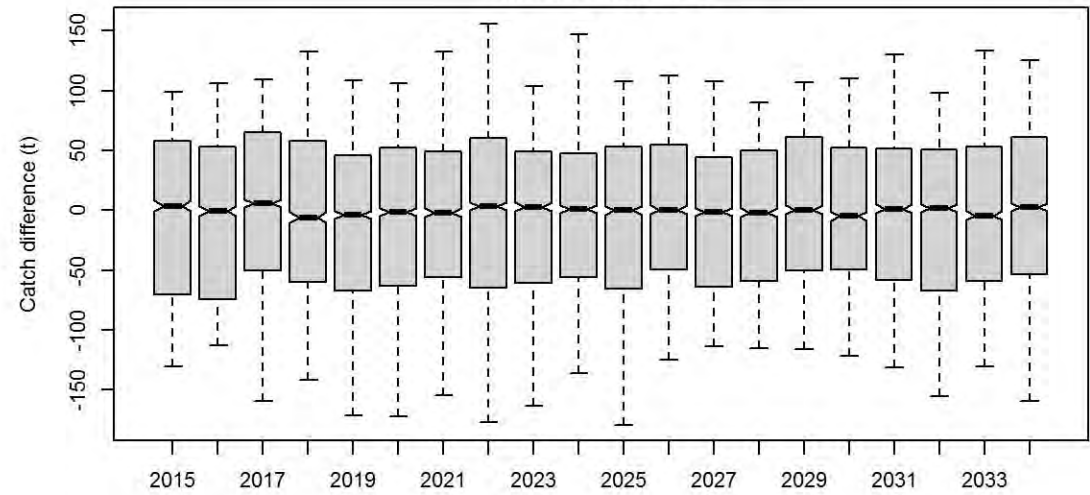
Catch.PNG



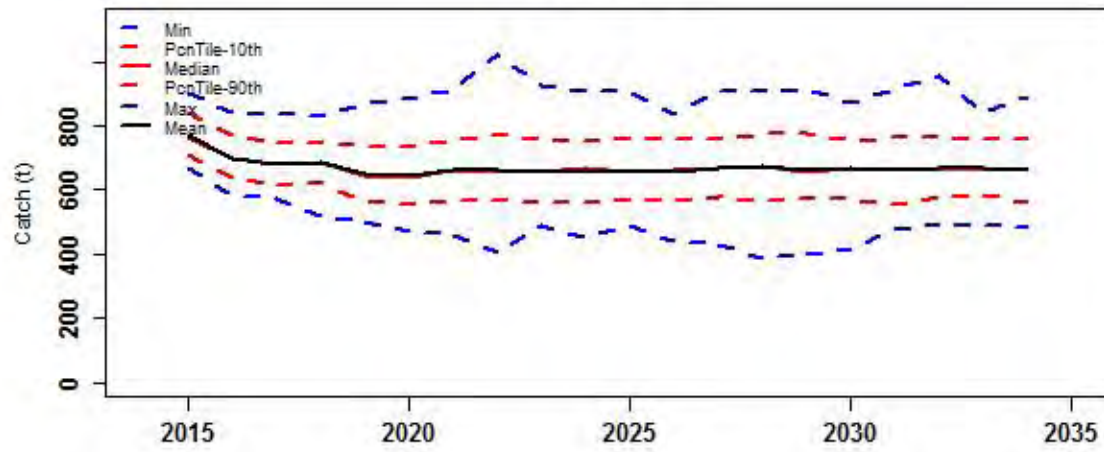
TotBeachPrice



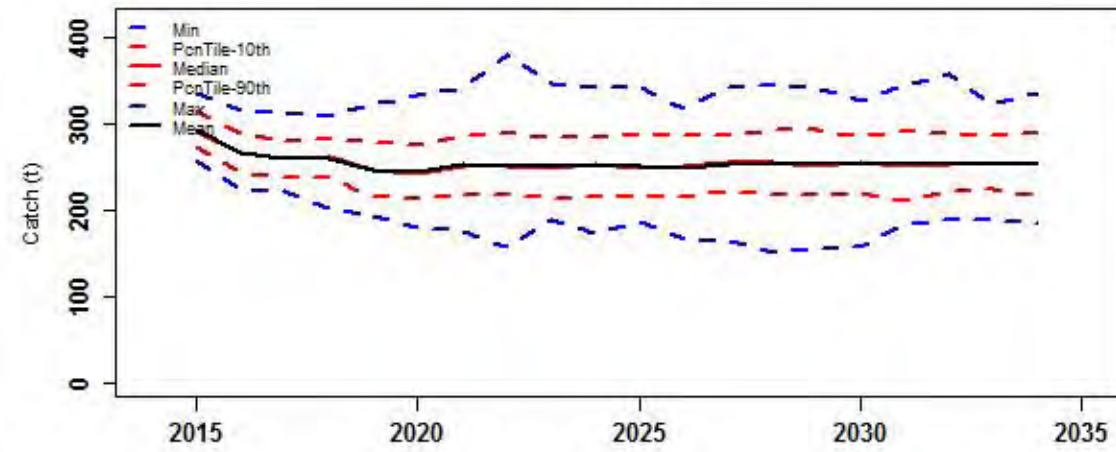
Diff.TAC.actlCatch



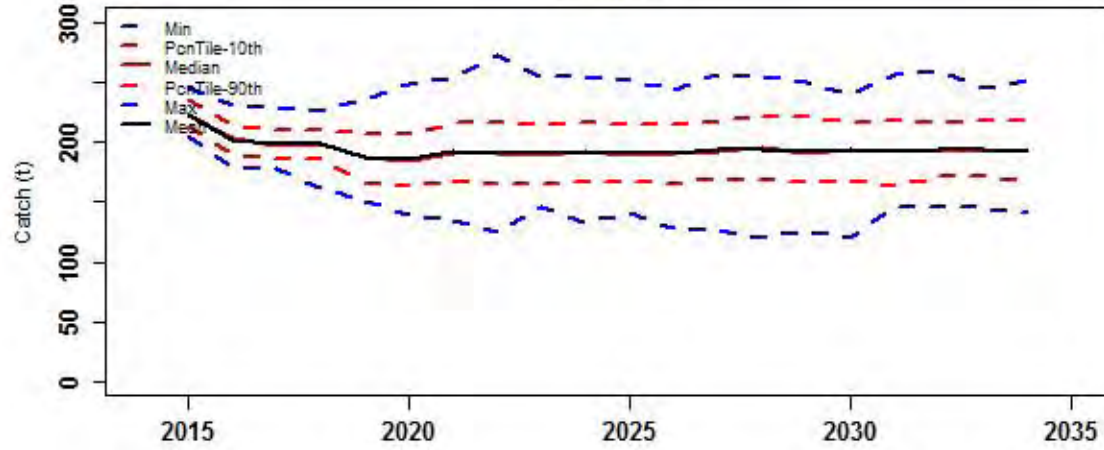
Catch.all



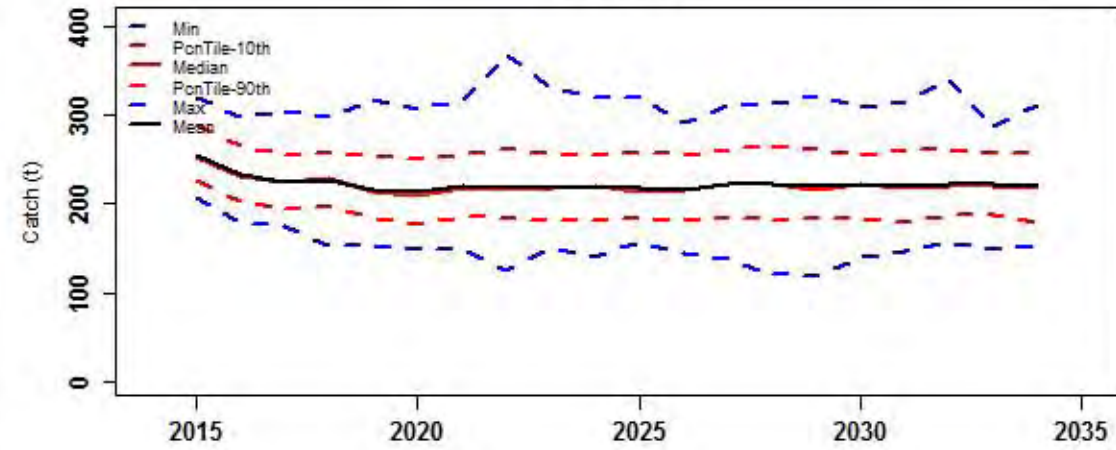
Catch.TIB



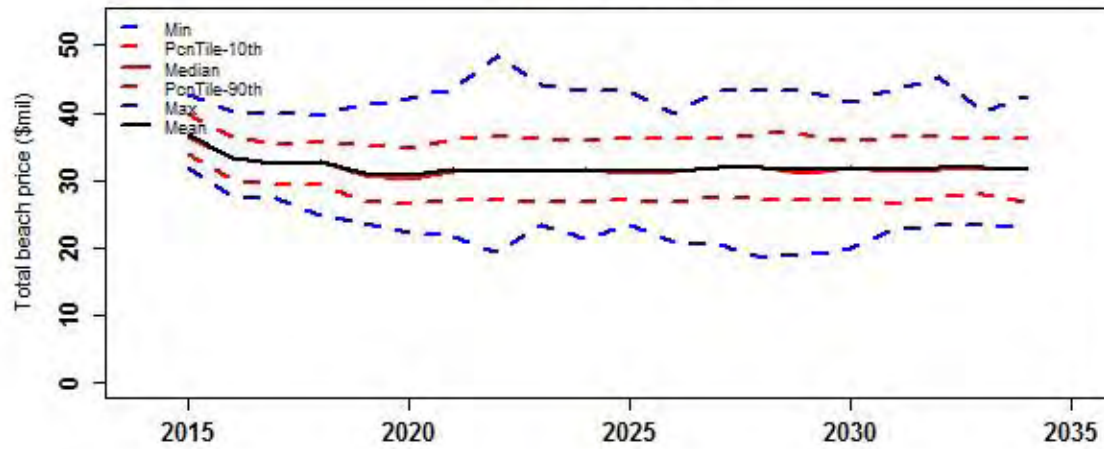
Catch.TVH



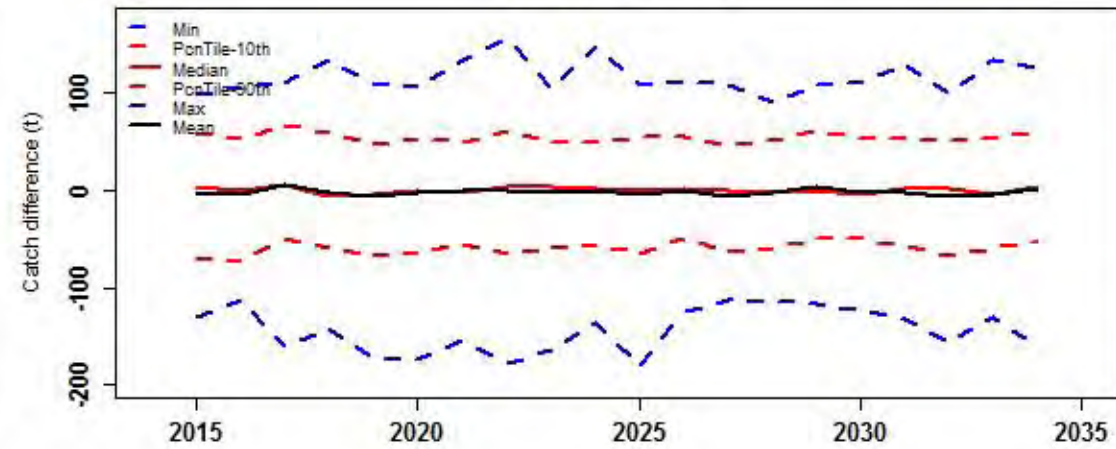
Catch.PNG



TotBeachPrice



Diff.TAC.actlCatch



Risk properties

probability

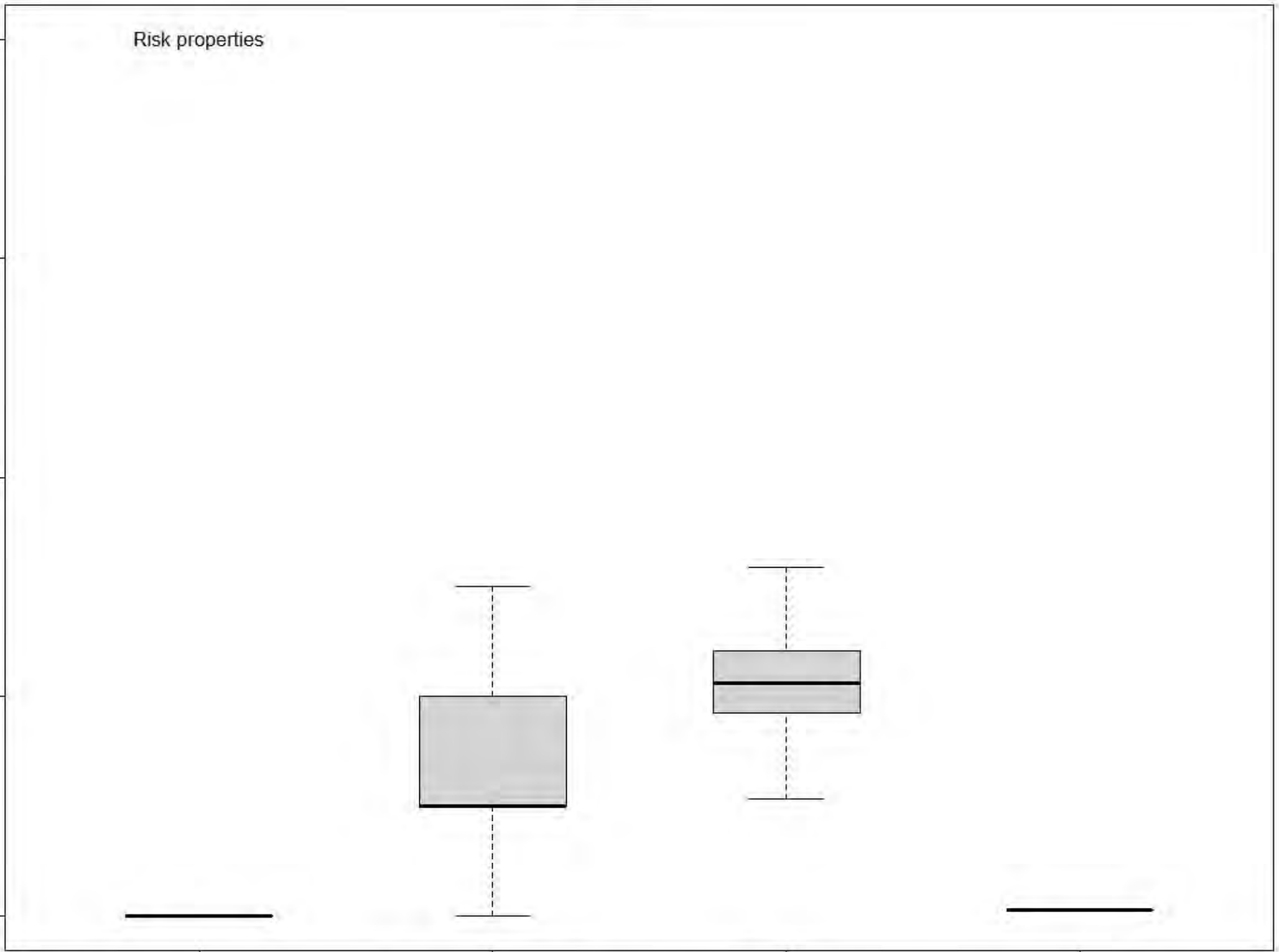
0.4
0.3
0.2
0.1
0.0

Prop_times_Bsp.0.32K

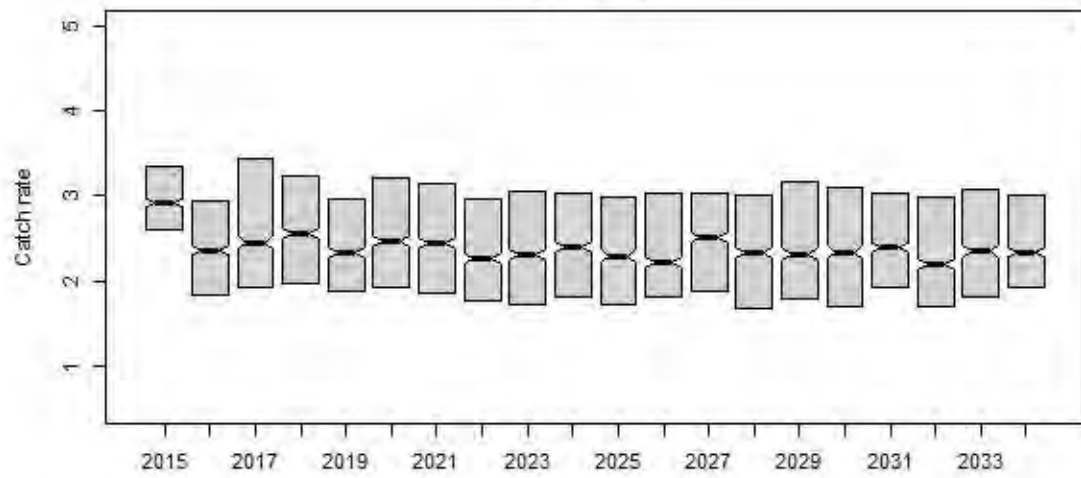
Prop_times_Bsp.0.48K

AAV_catch

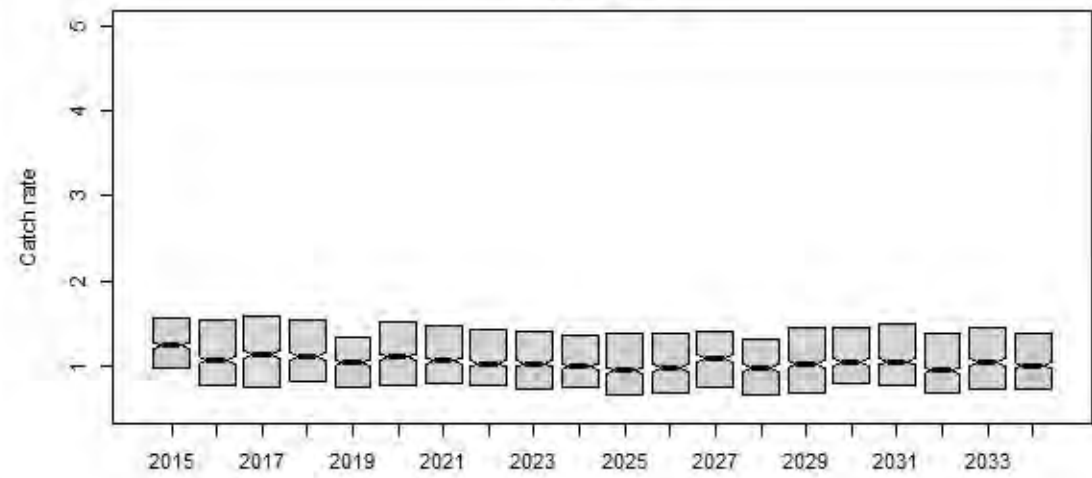
Prob_Closure



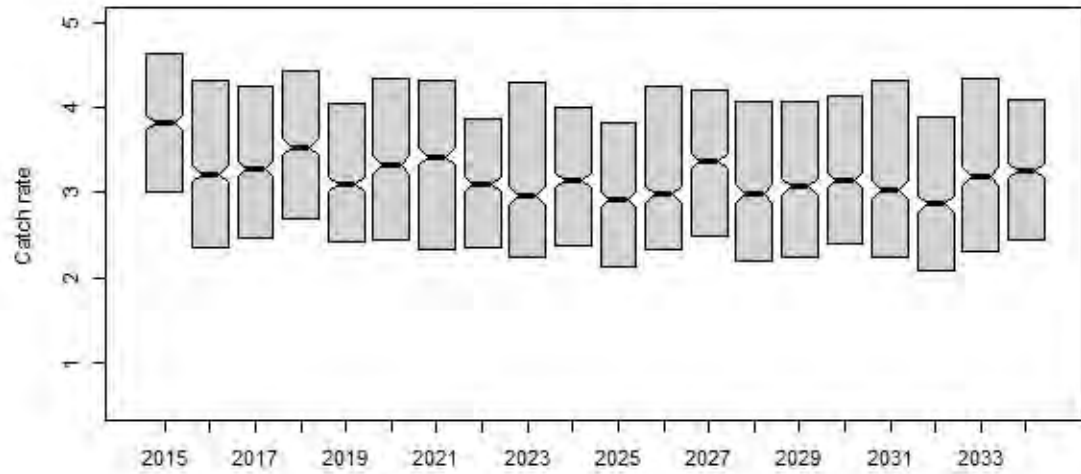
Preseas1



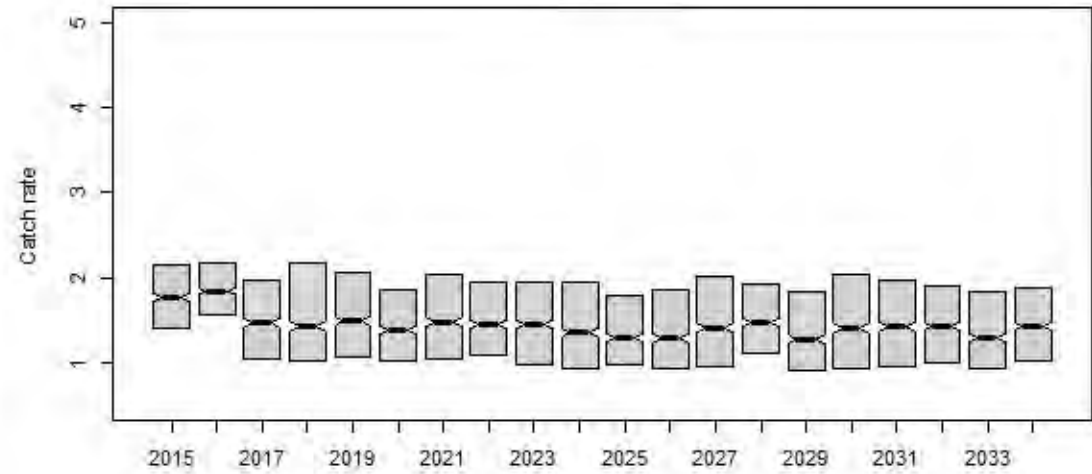
Preseas0



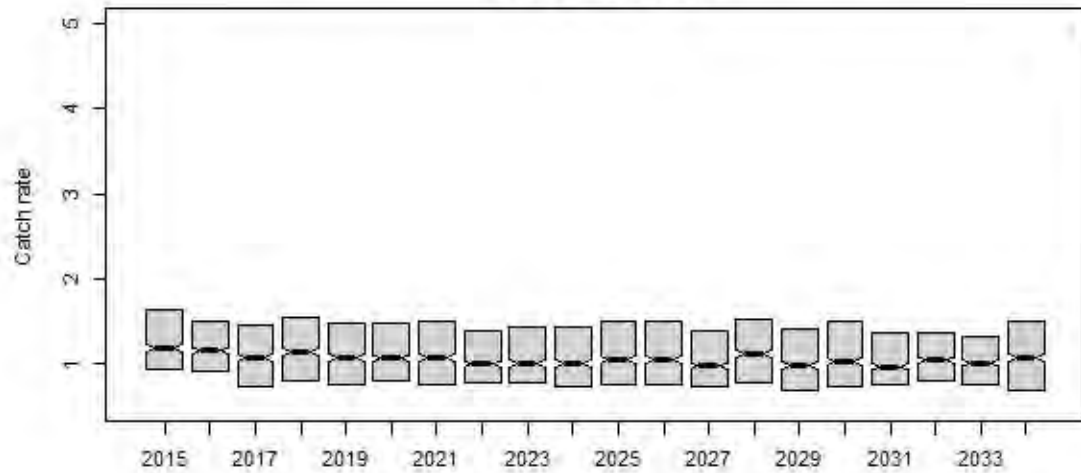
Midsurv1



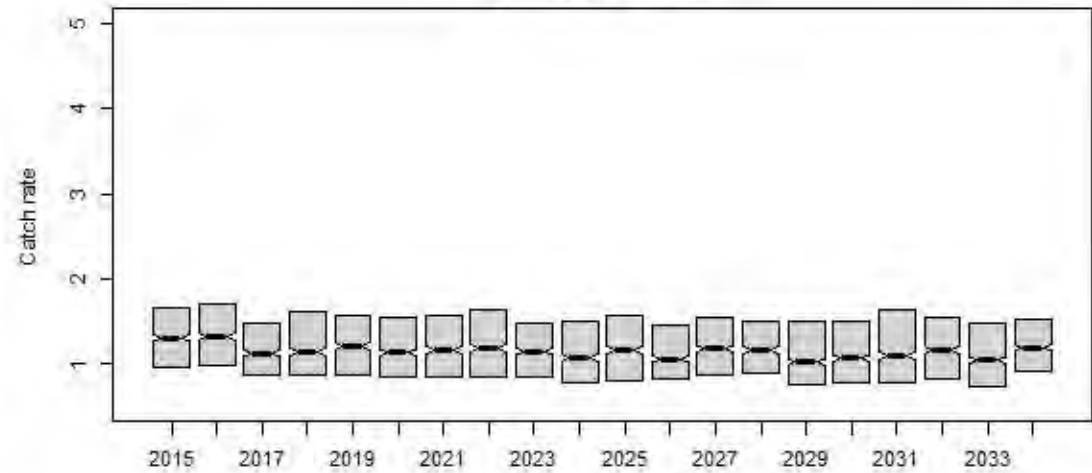
Midsurv2



Future_CPUE_TVH

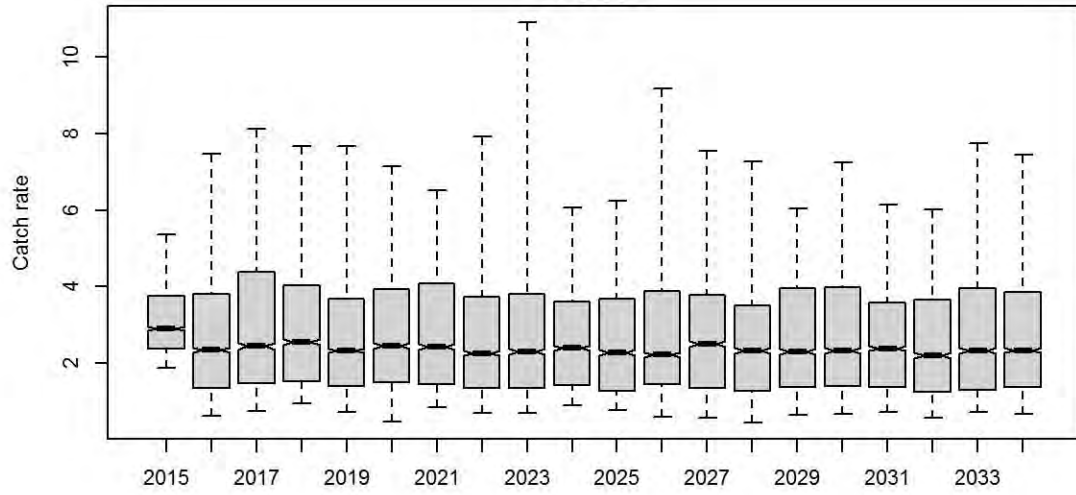


Future_CPUE_TIB

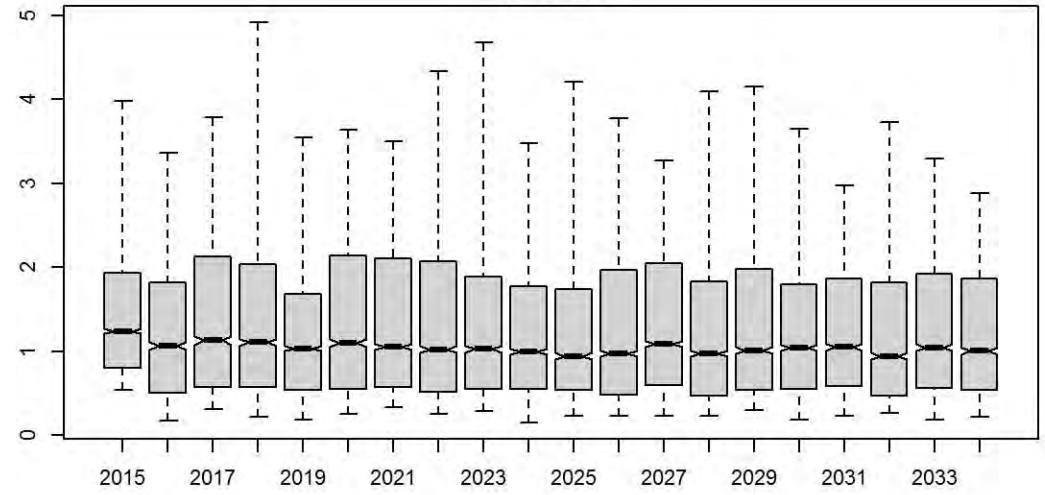


rHCR10

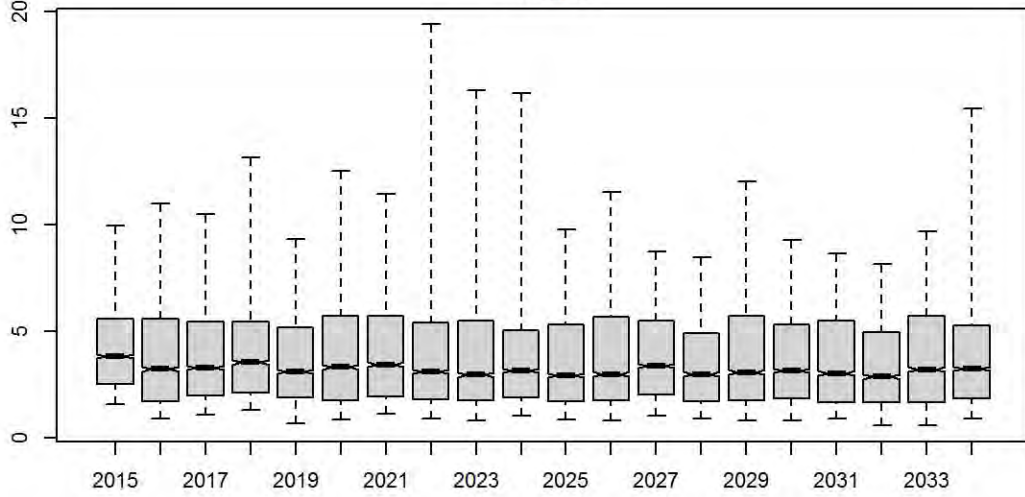
Preseas1



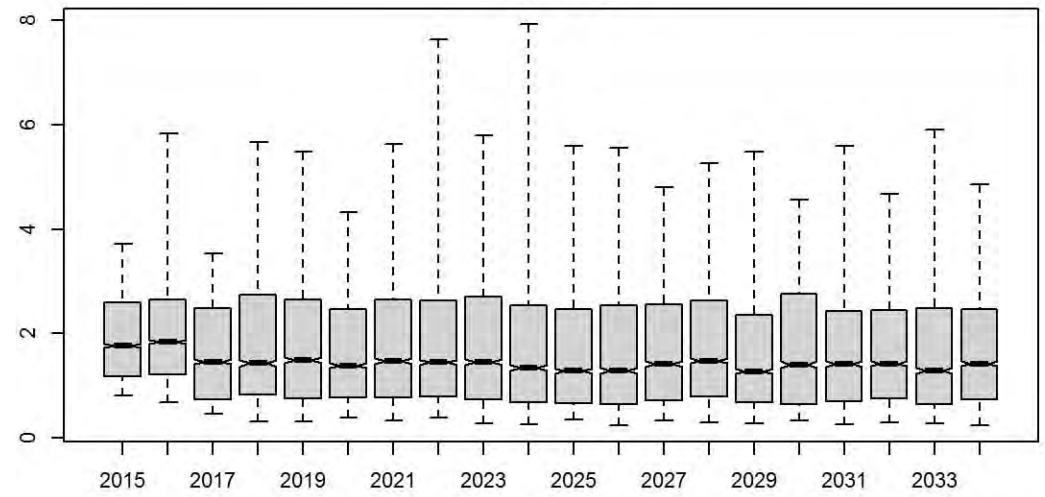
Preseas0



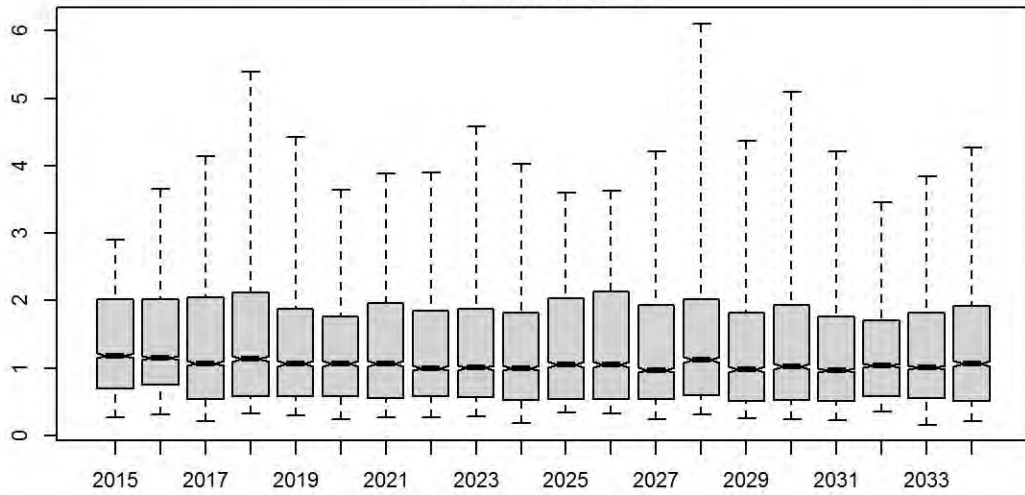
Midsurv1



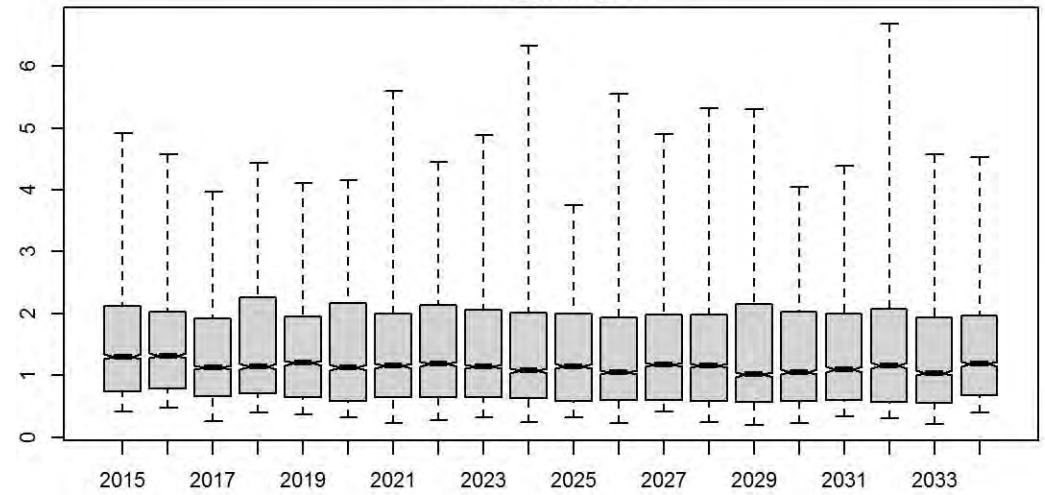
Midsurv2



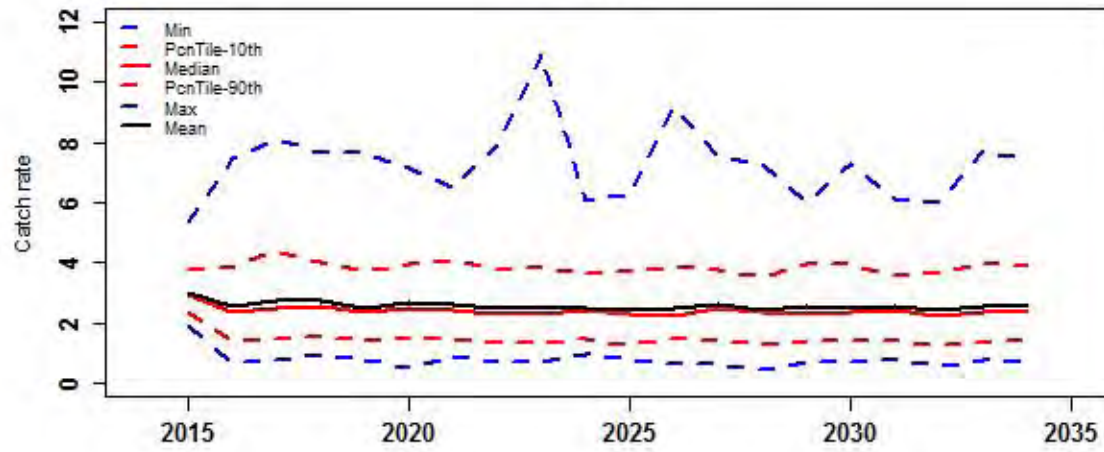
Future_CPUE_TVH



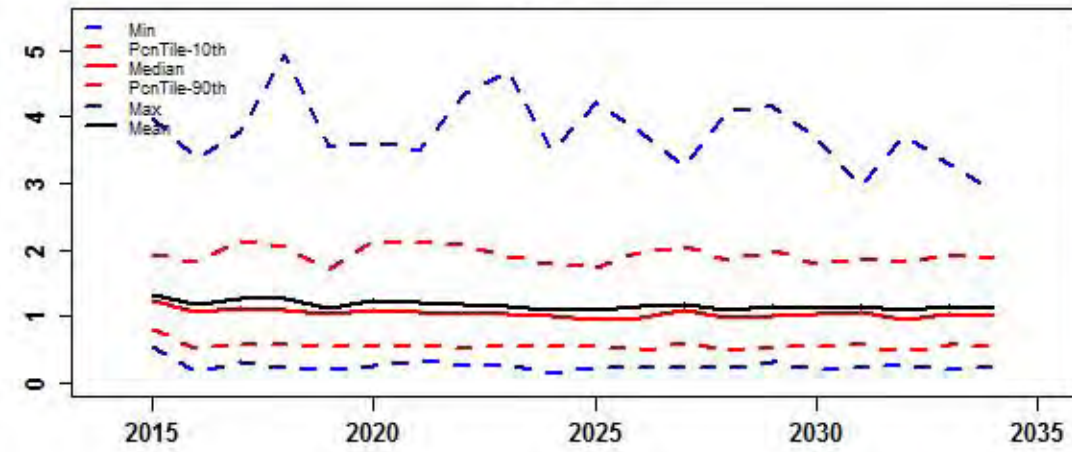
Future_CPUE_TIB



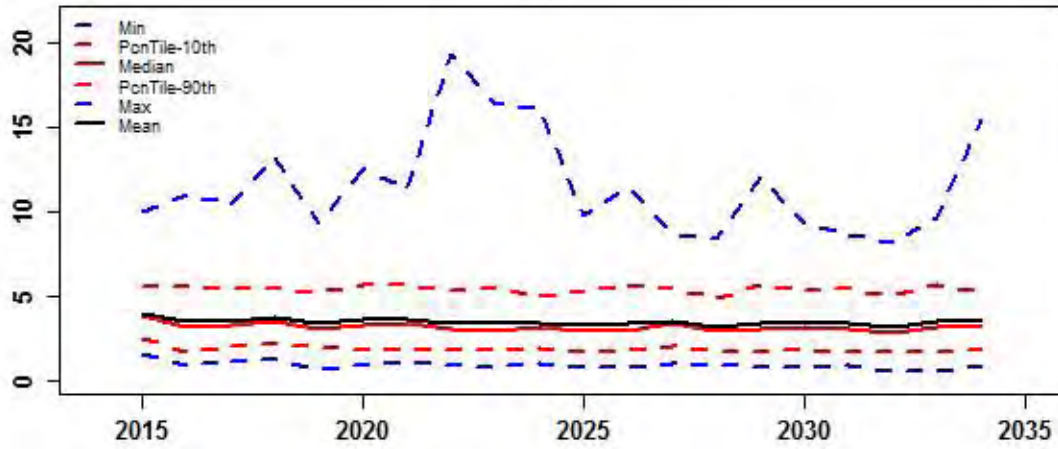
Preseas1



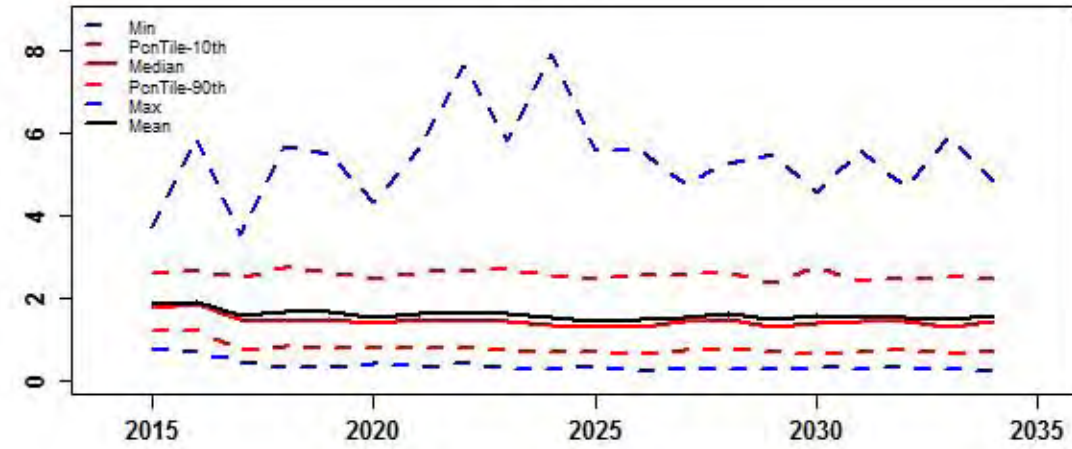
Preseas0



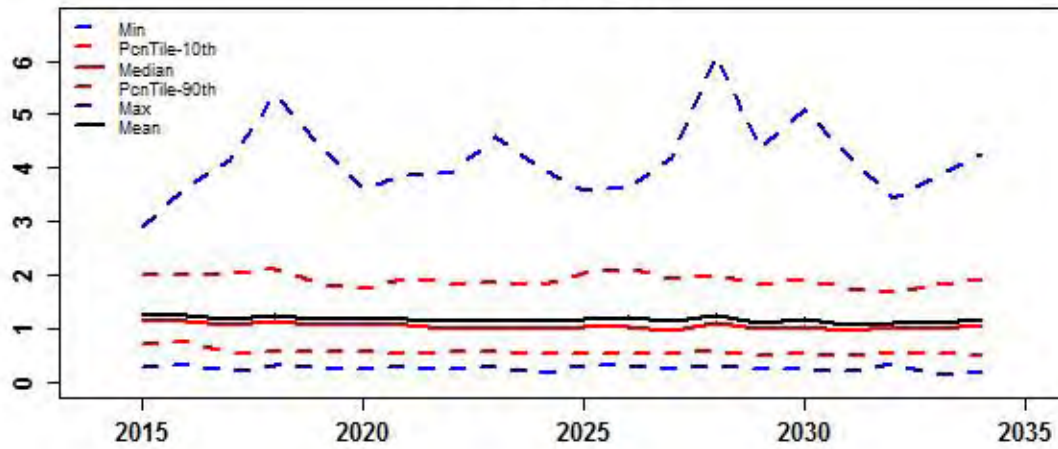
Midsurv1



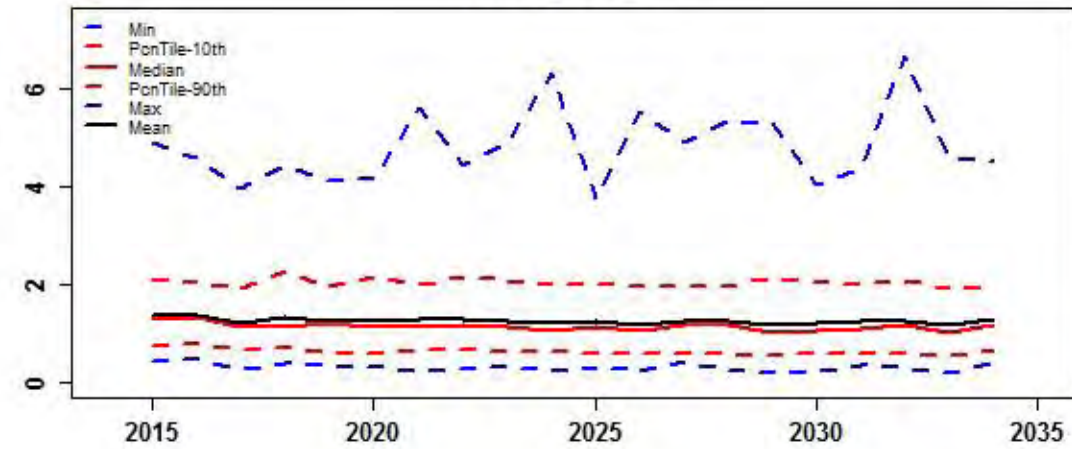
Midsurv2



Future_CPUE_TVH

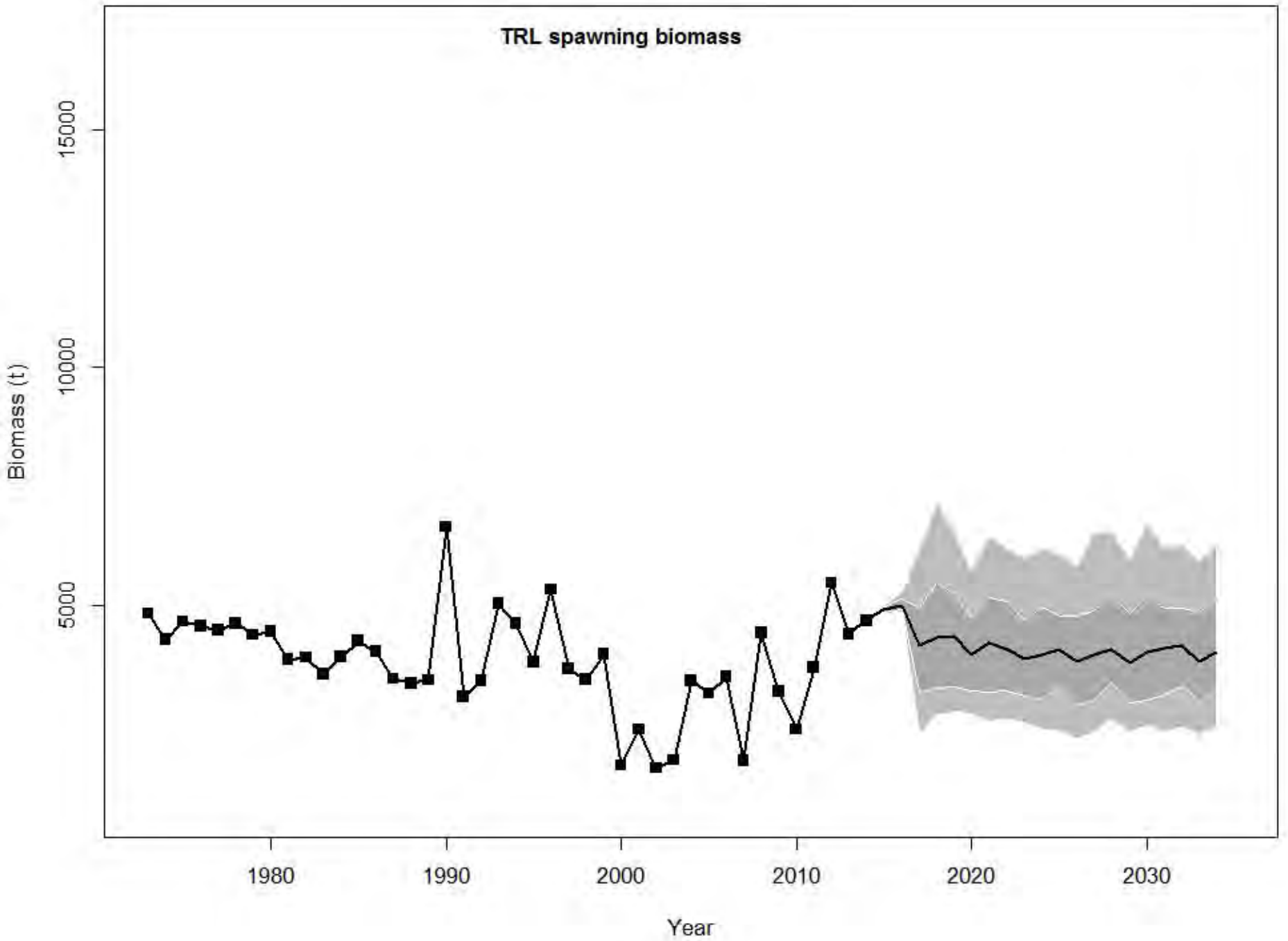


Future_CPUE_TIB

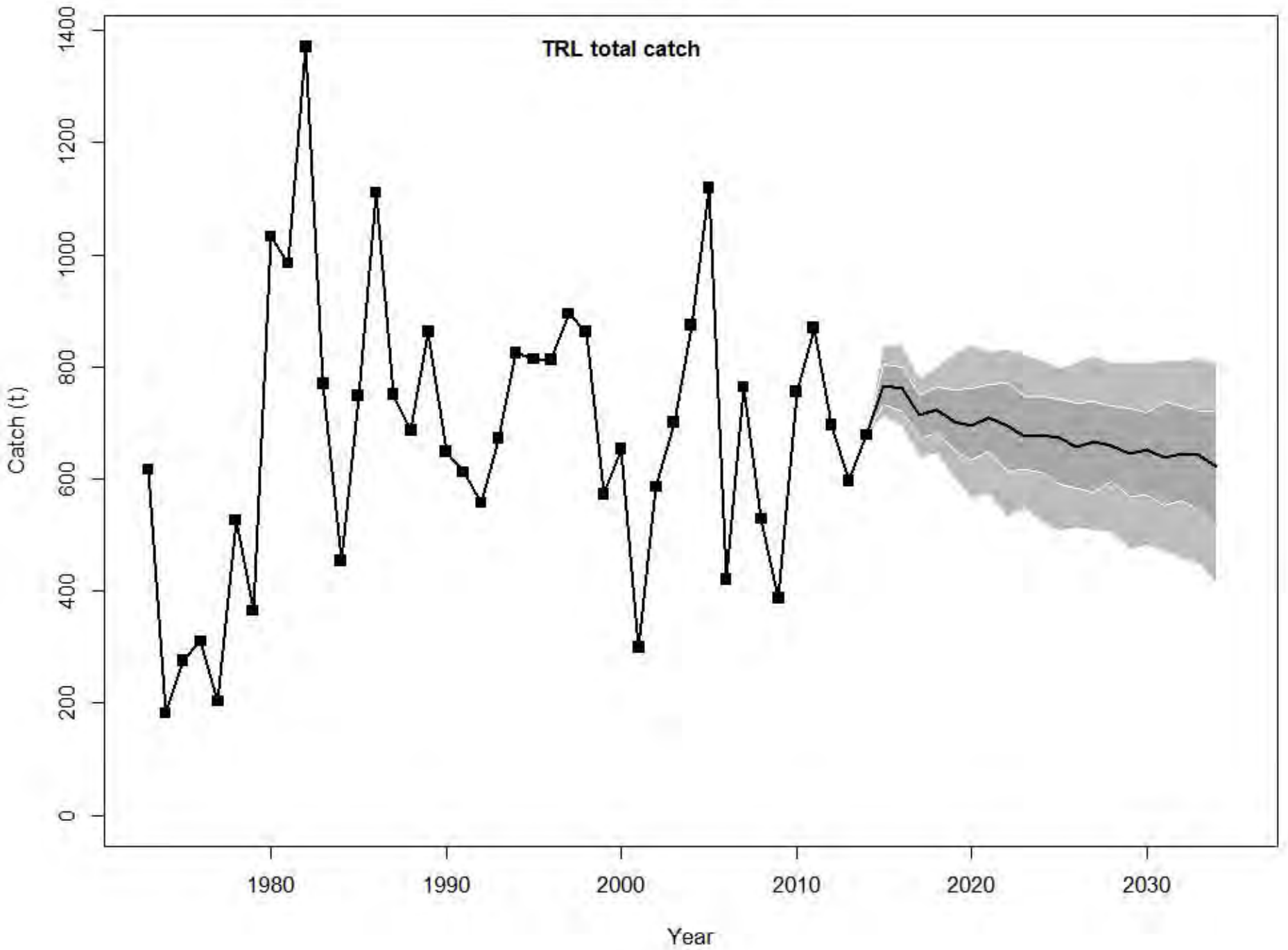


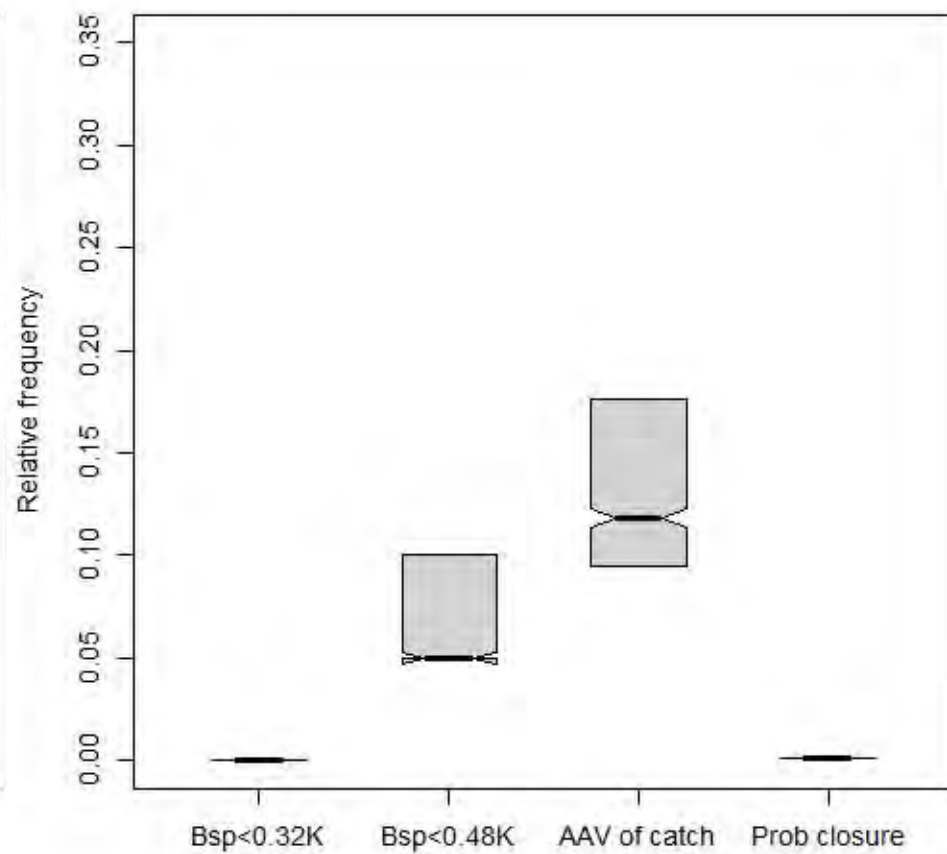
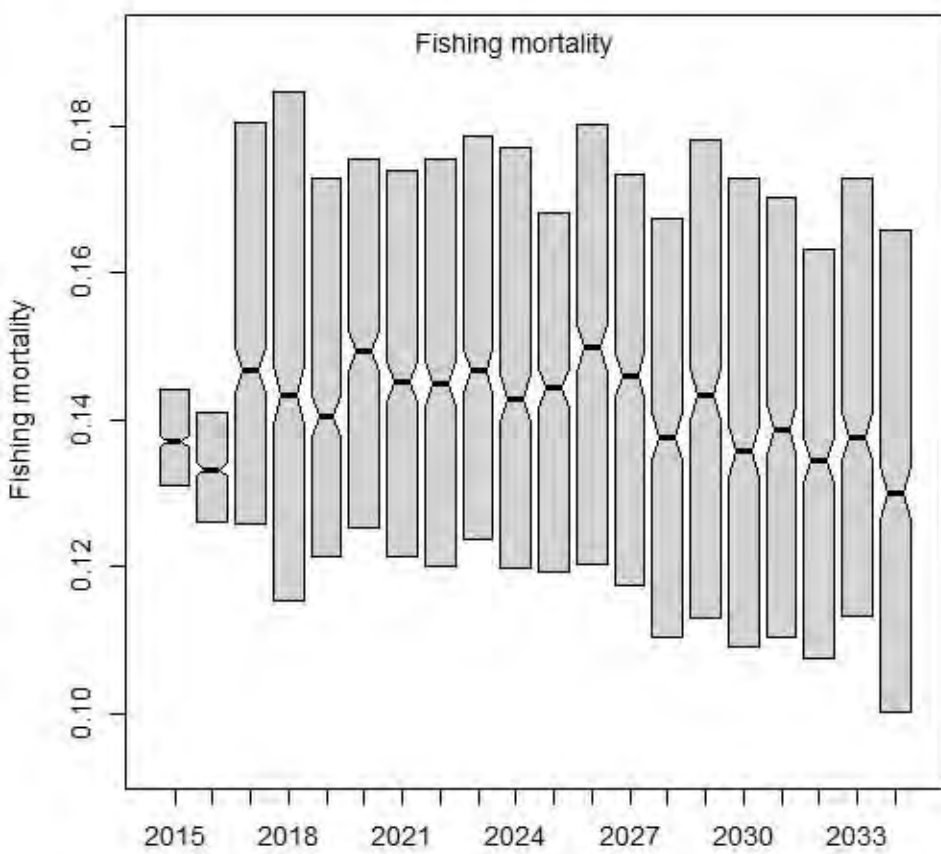
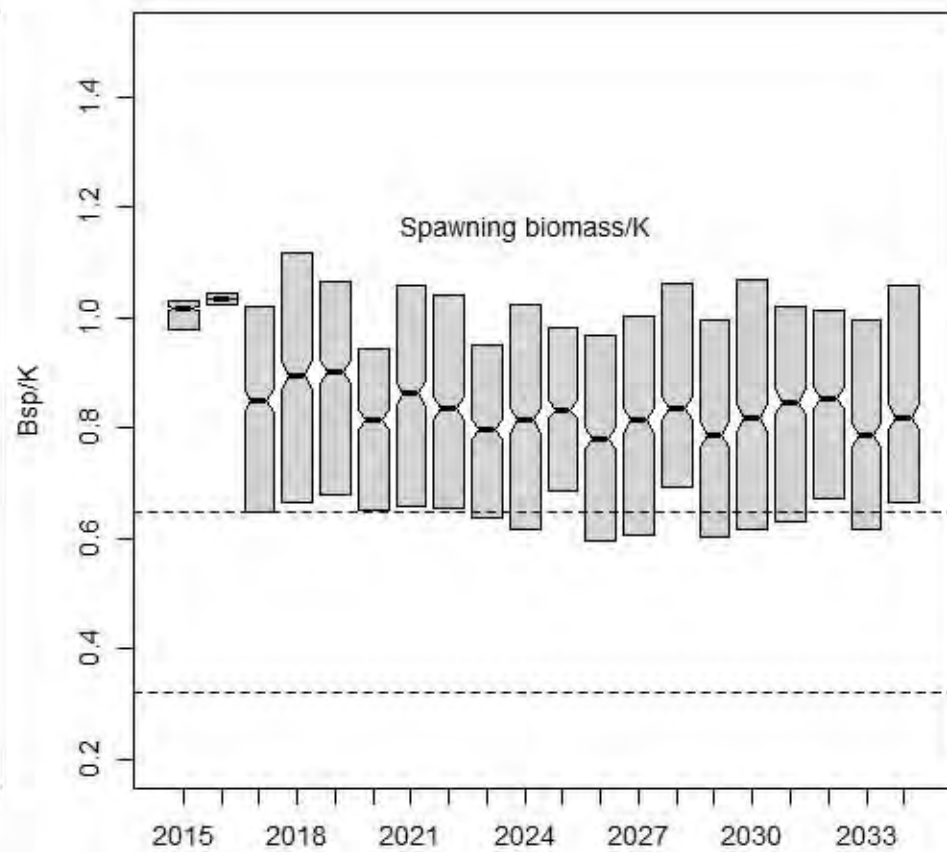
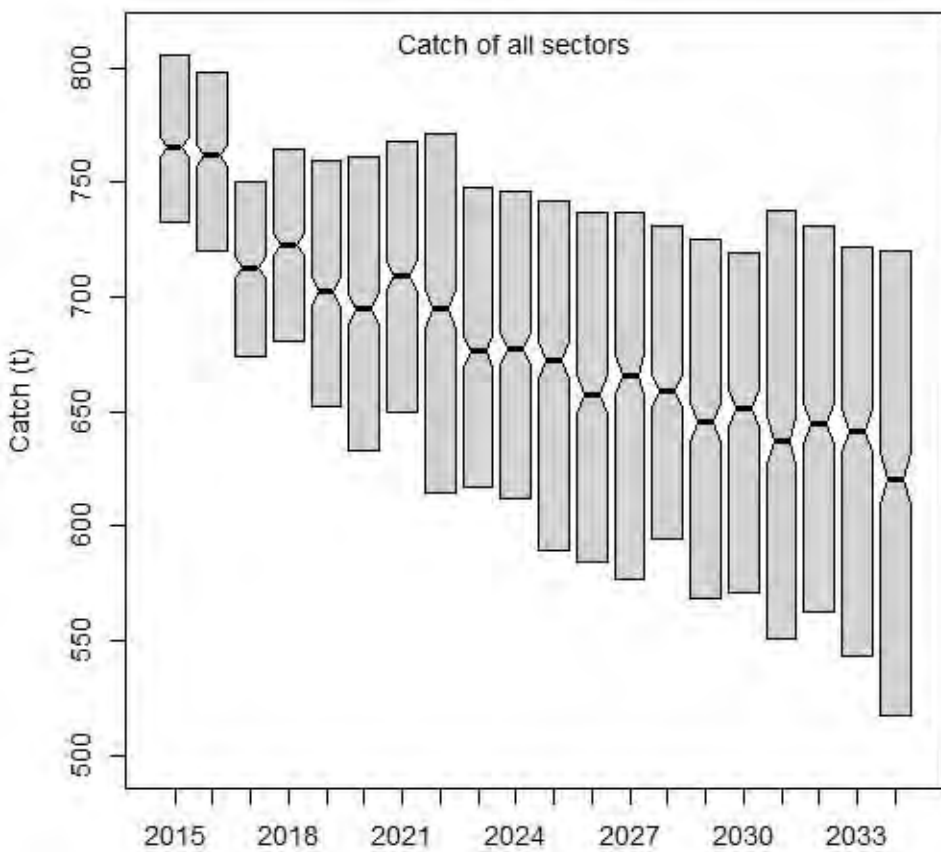
**HARVEST
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RULE
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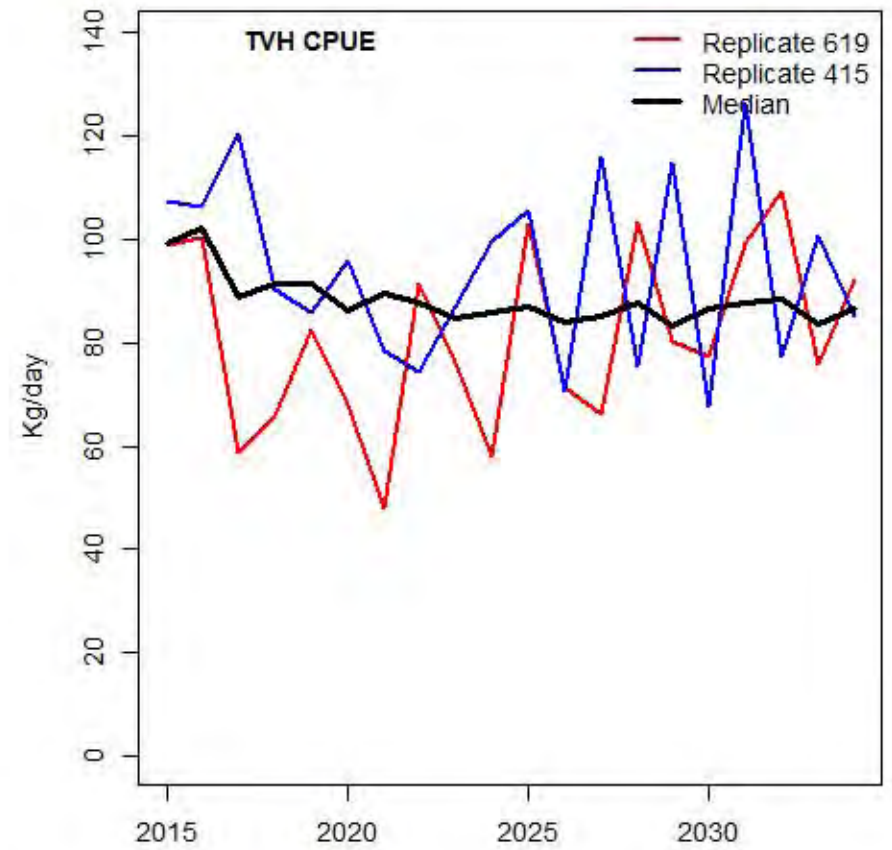
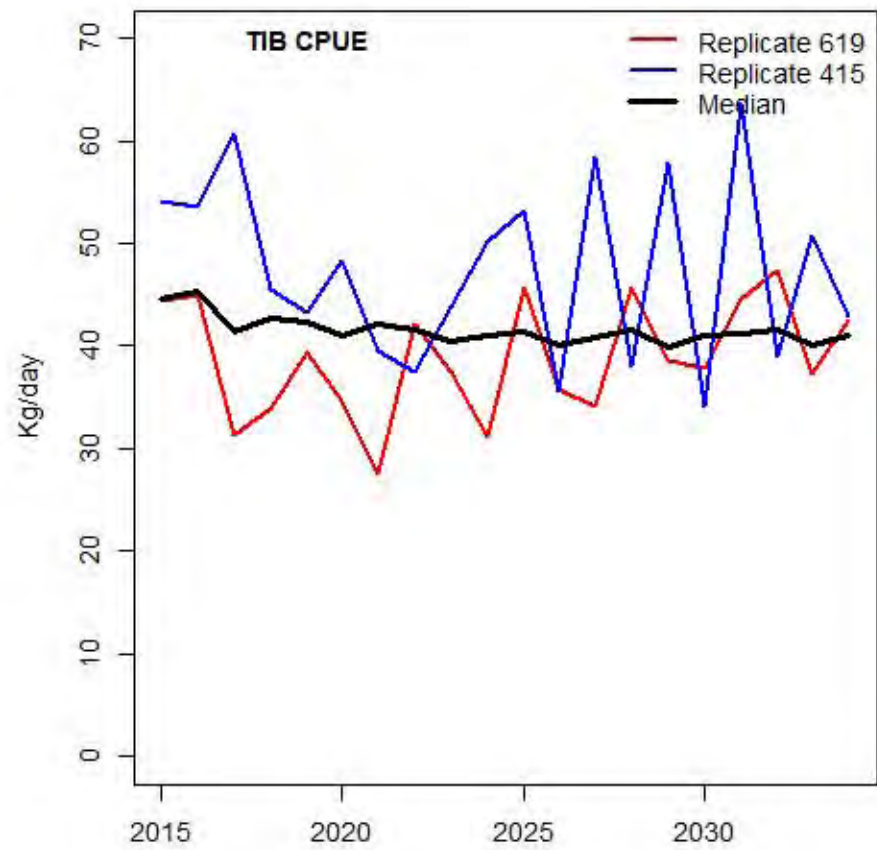
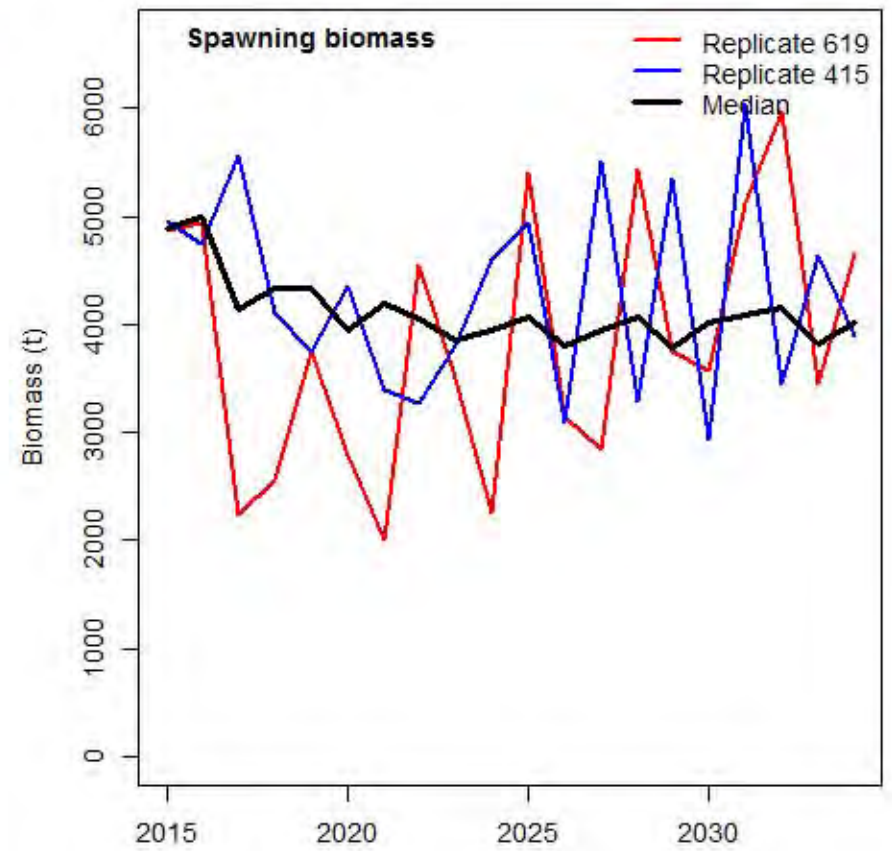
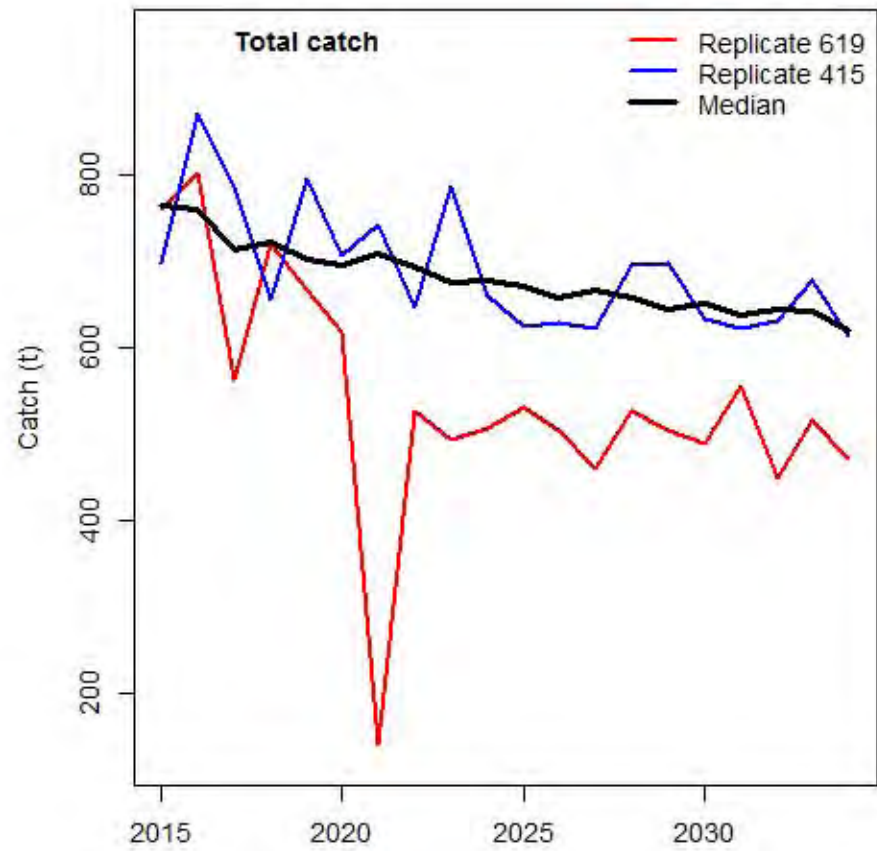
rHCR11



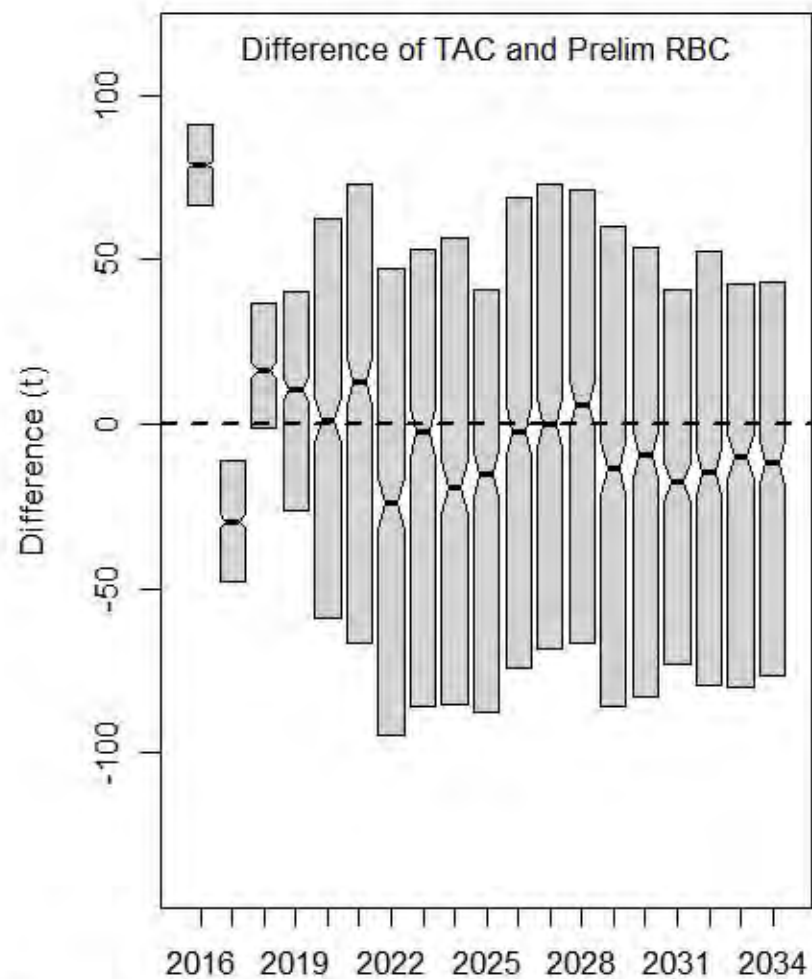
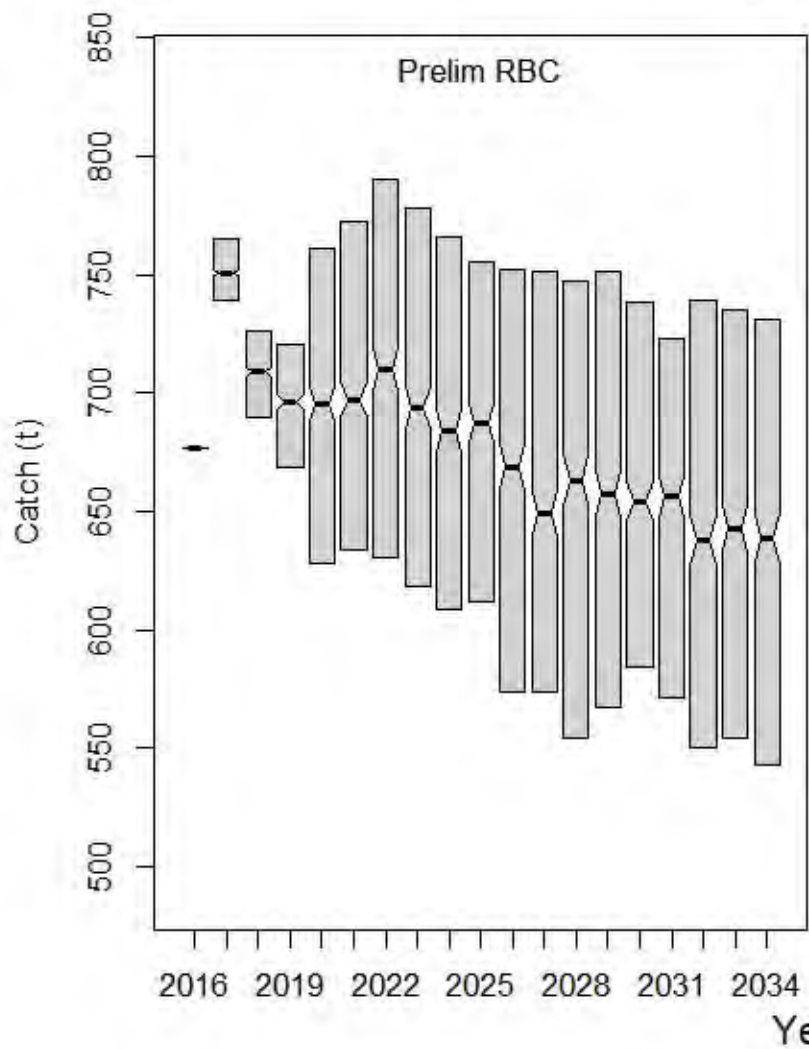
rHCR11



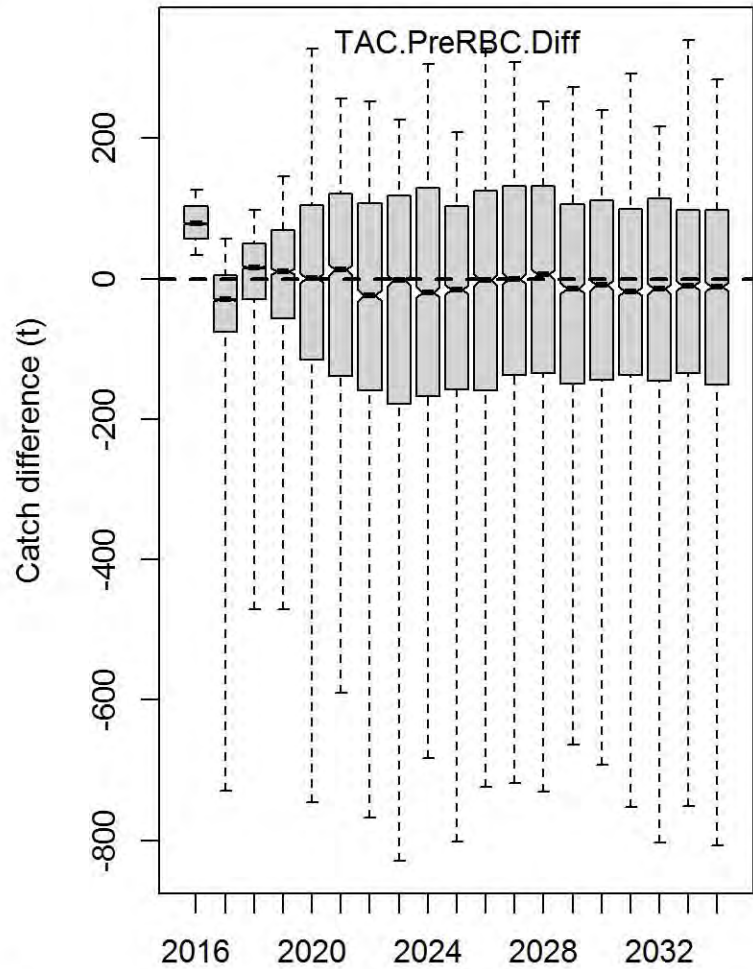
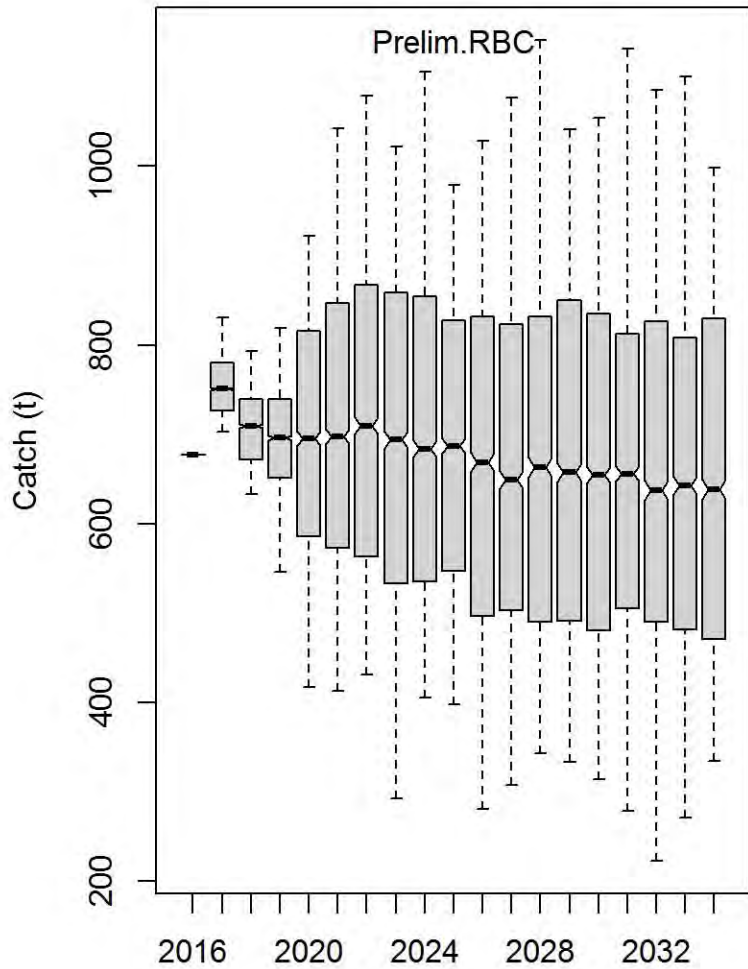




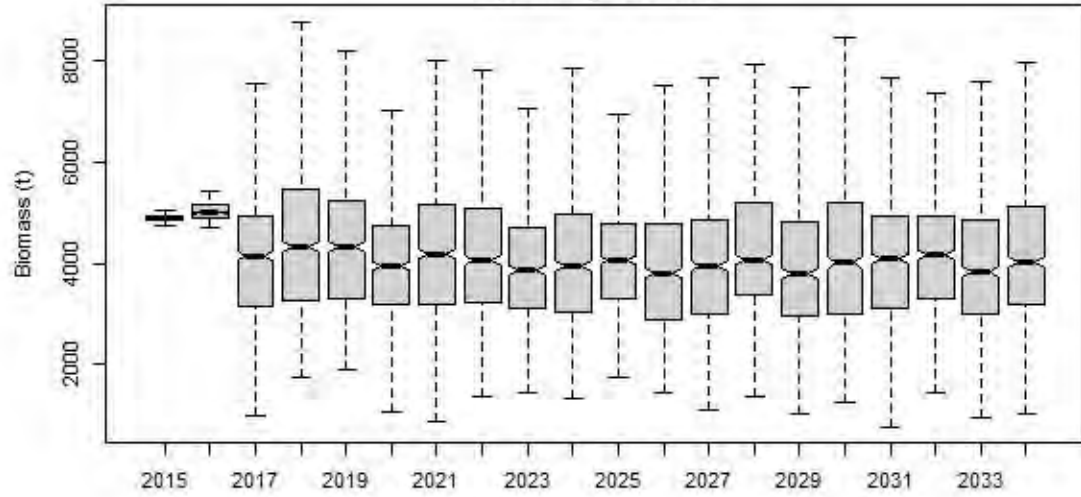
rHCR11



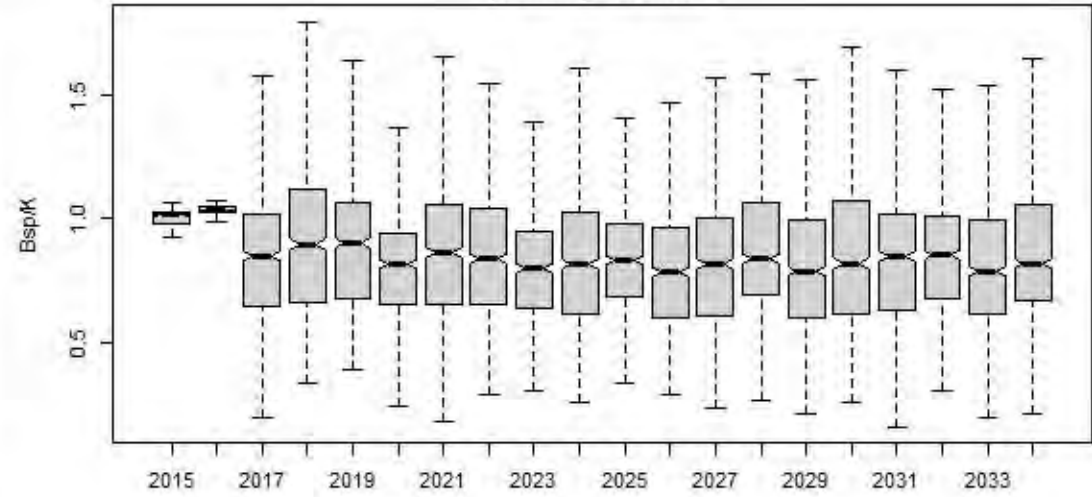
rHCR11



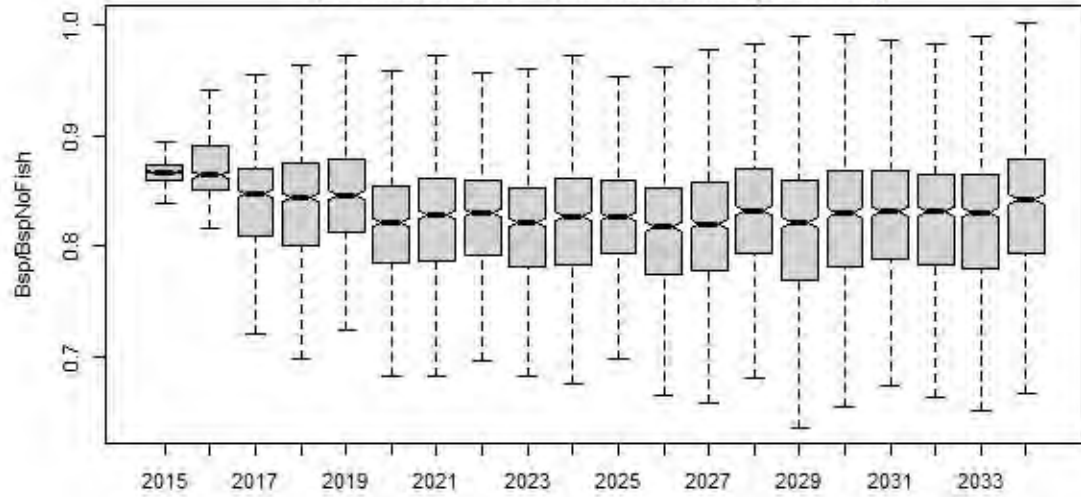
Spawning biomass



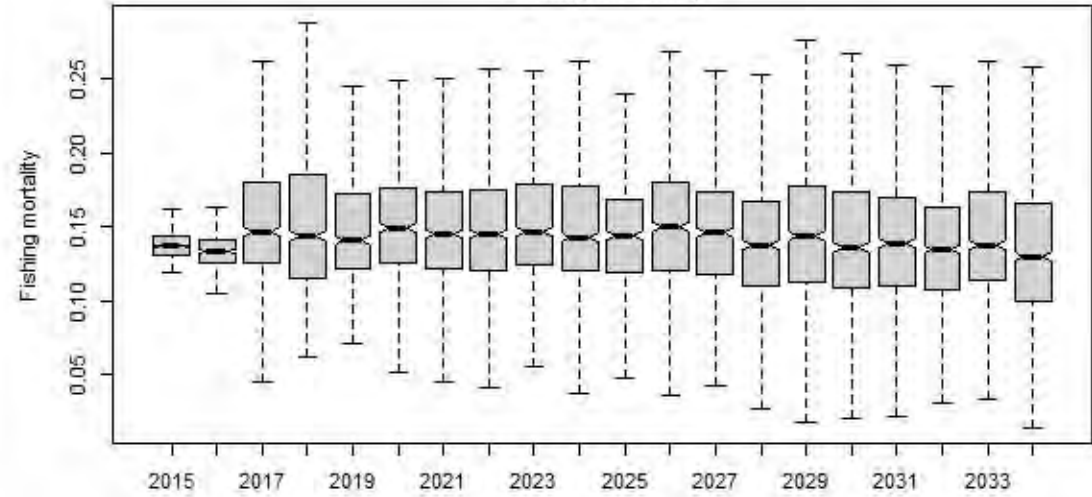
Spawning biomass/K



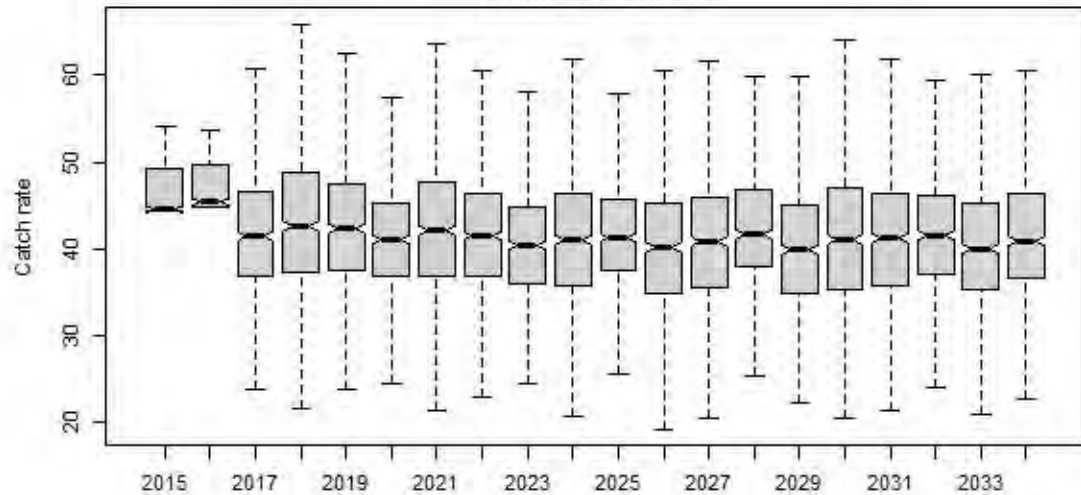
Spawning biomass/Spawning biomass(no fishing)



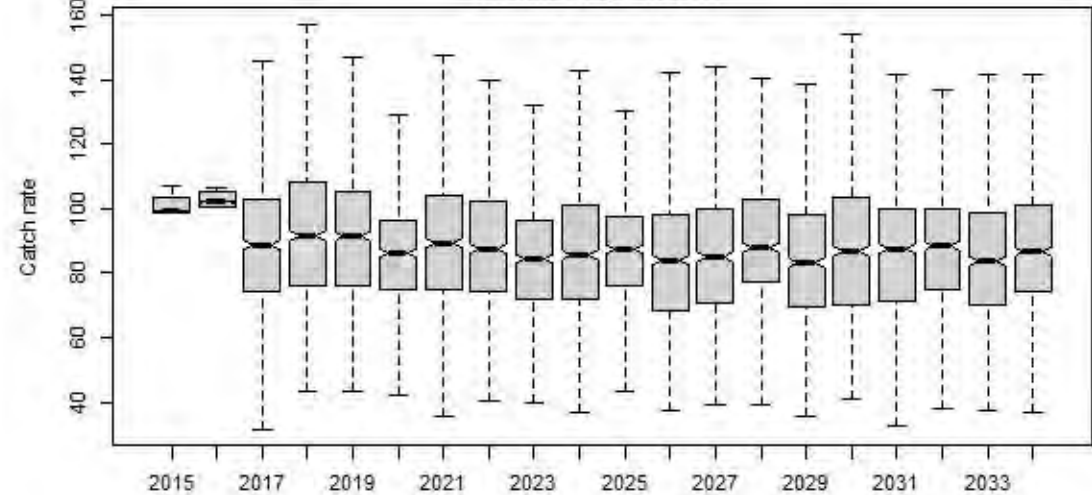
Fishing mortality

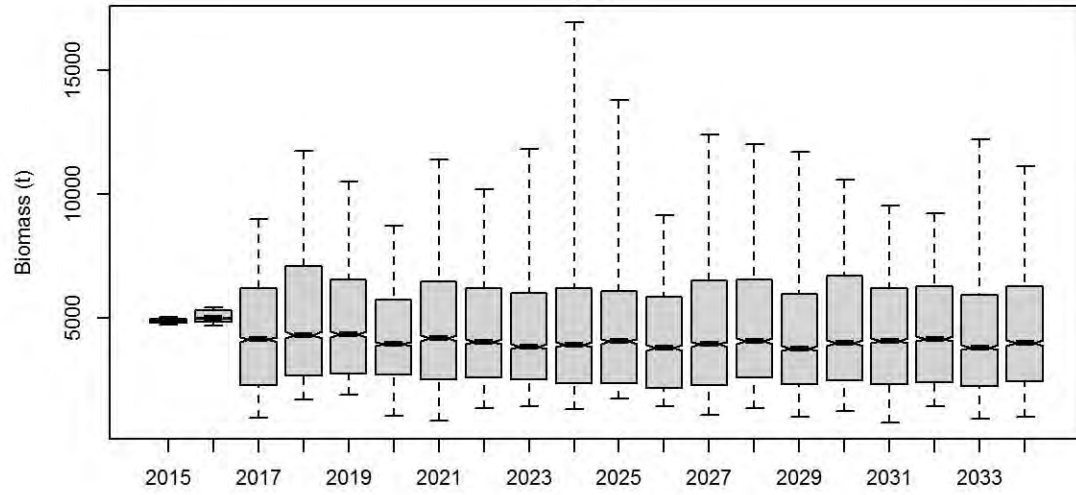
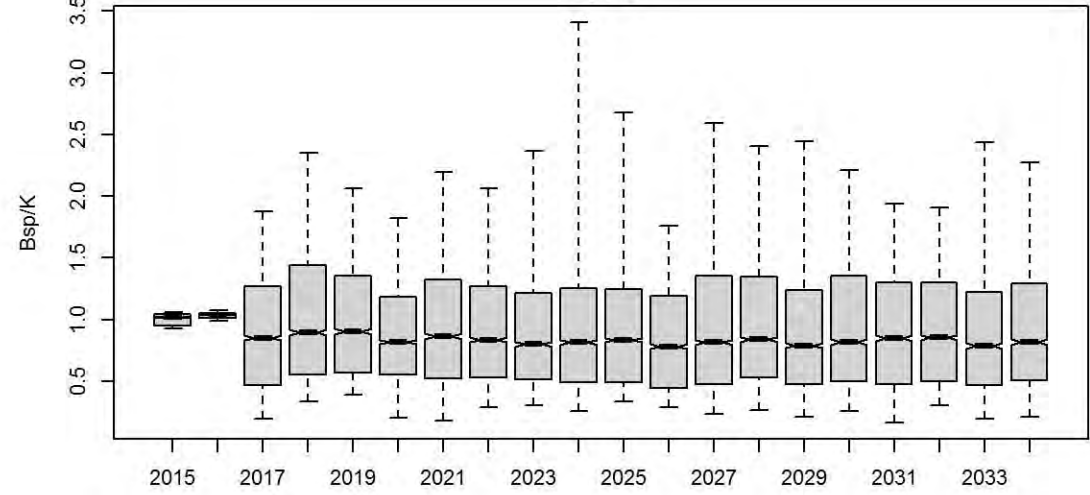
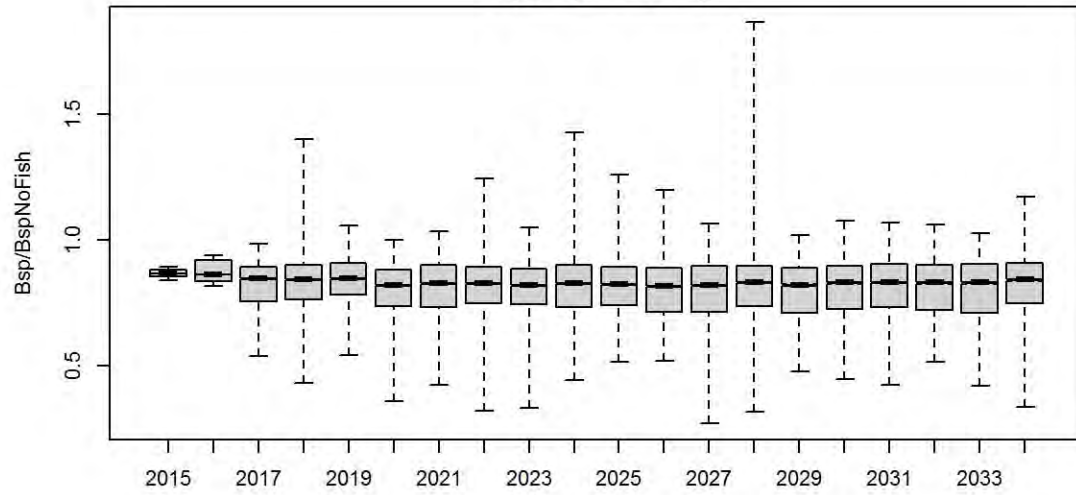
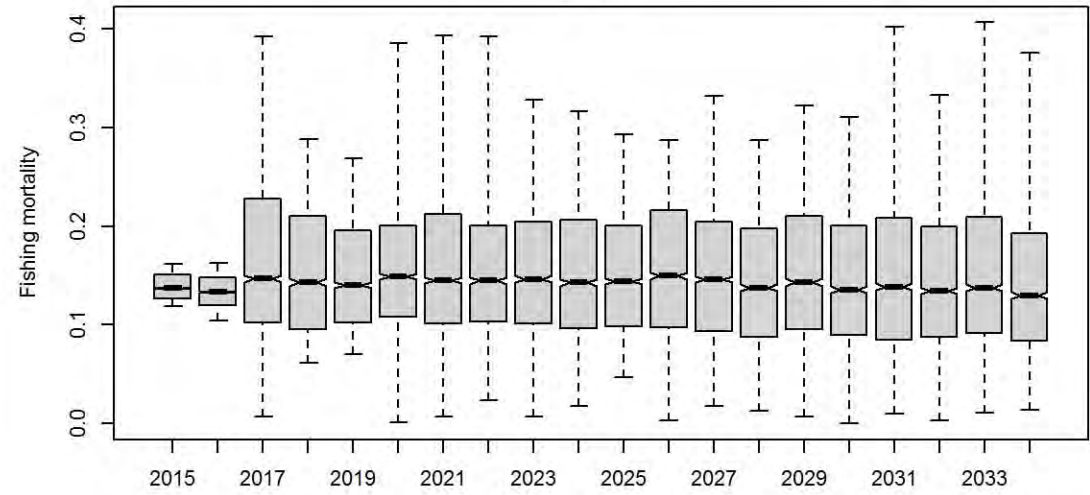
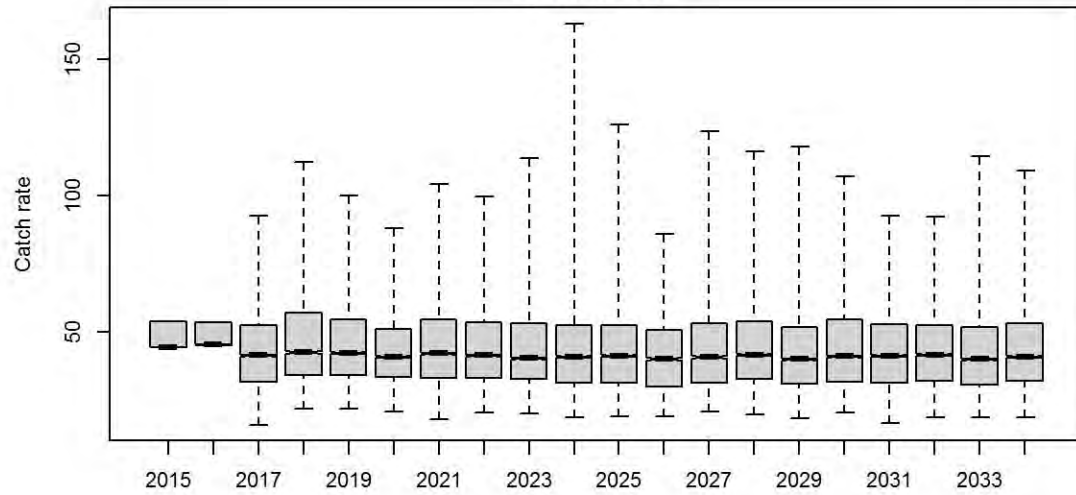
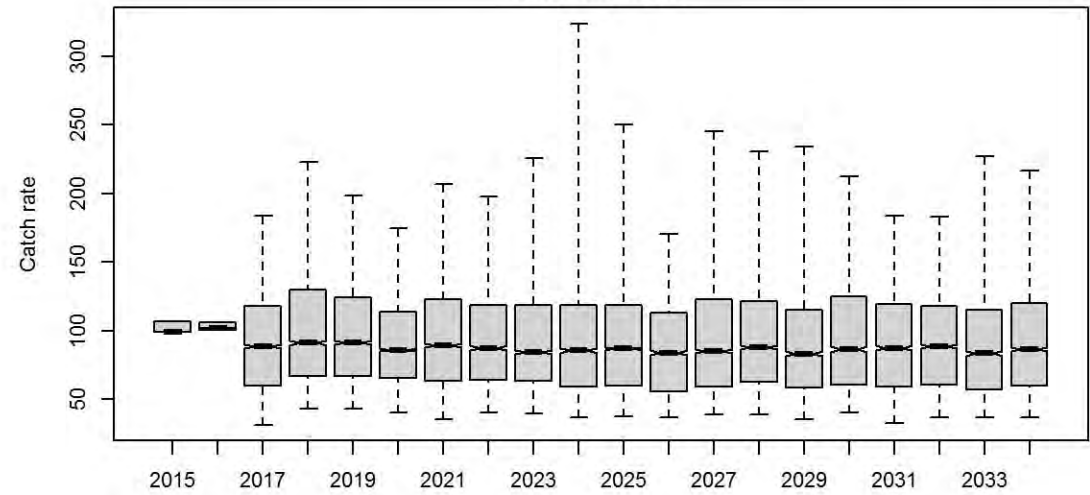


Actual CPUE of TIB

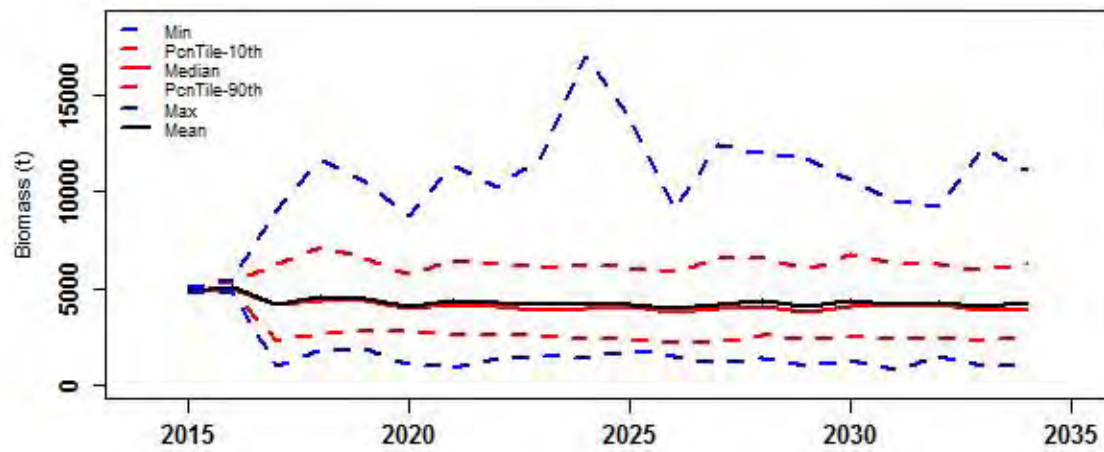


Actual CPUE of TVH

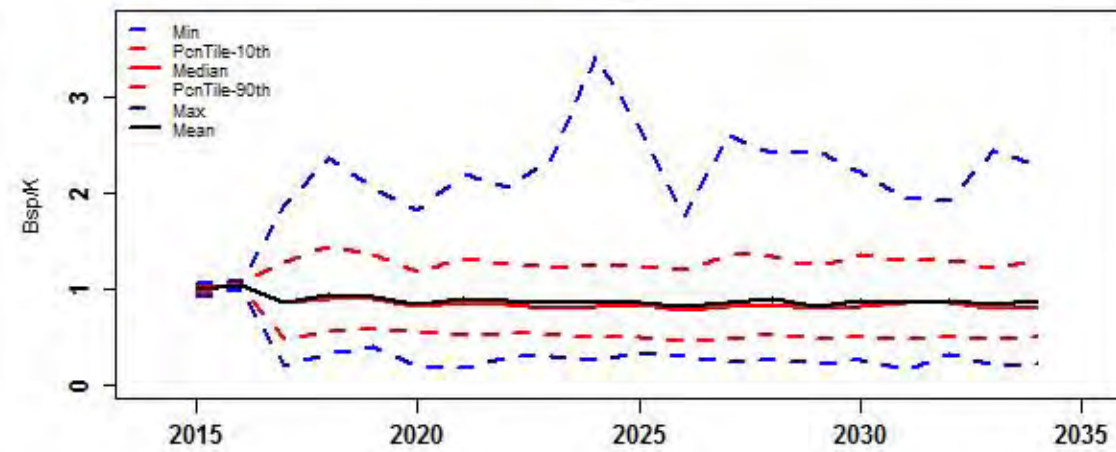


Bsp**Bsp_K****Bsp_BspNoFishing****F.mal****ActICPUE.TIB****ActICPUE.TVH**

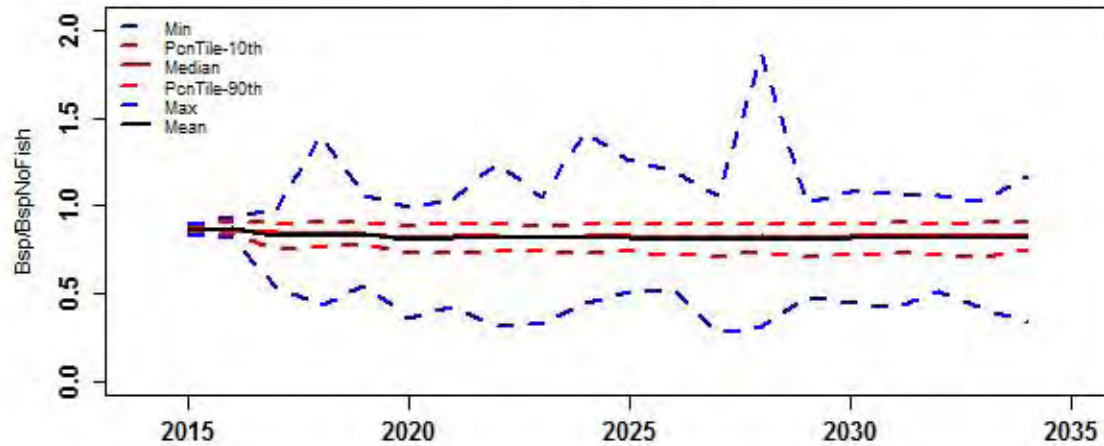
Bsp



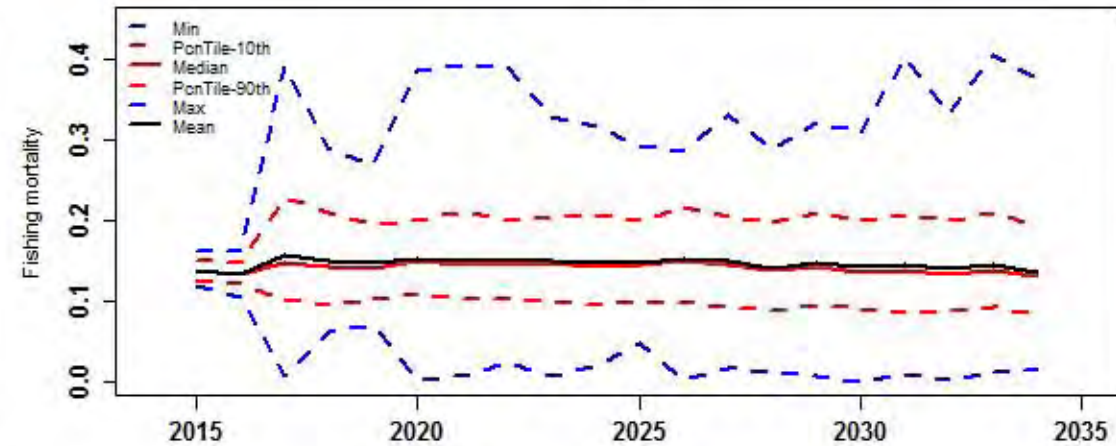
Bsp_K



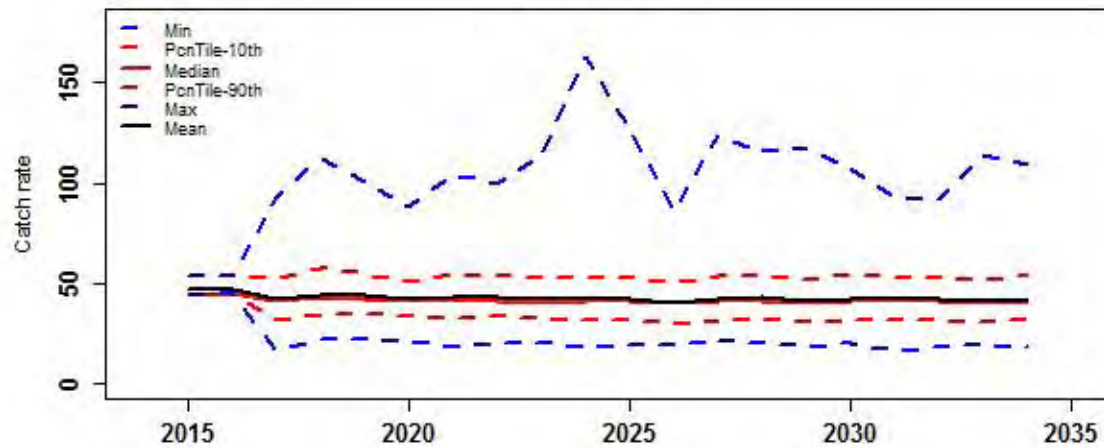
Bsp_BspNoFishing



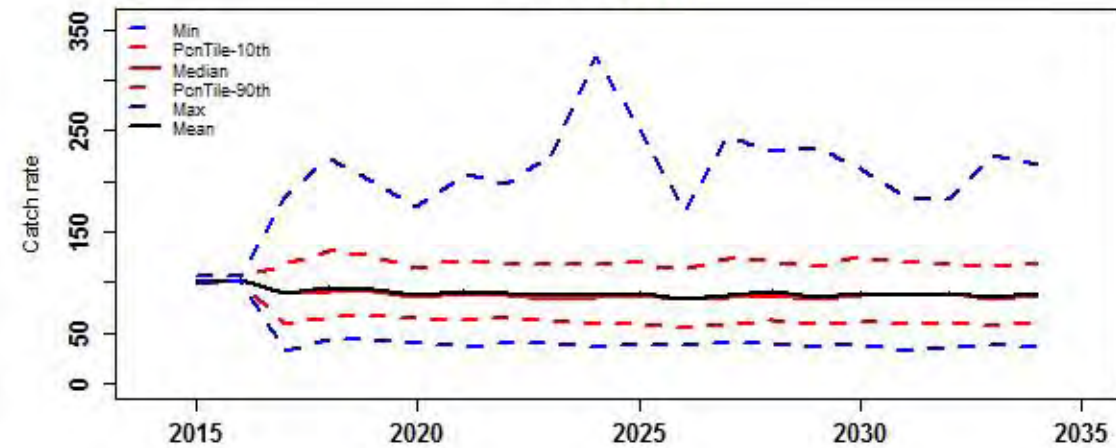
F.mal



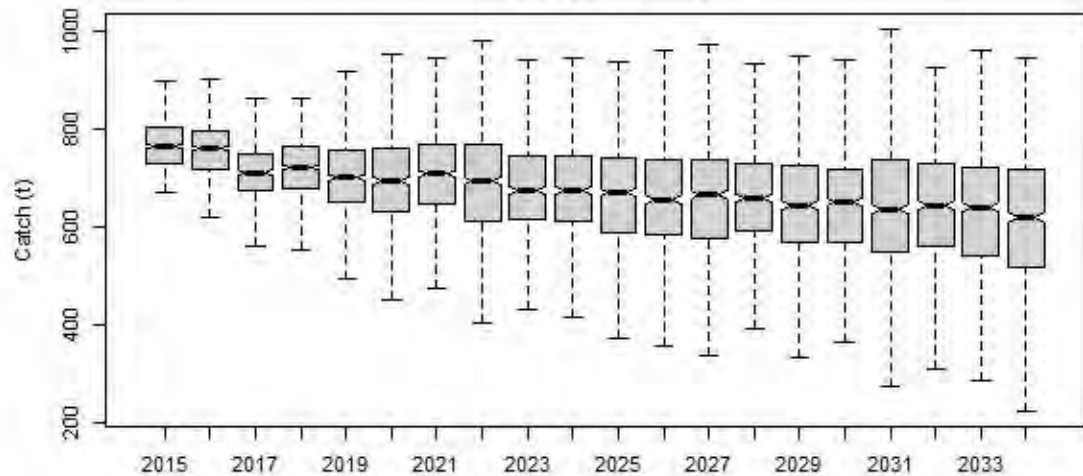
ActlCPUE.TIB



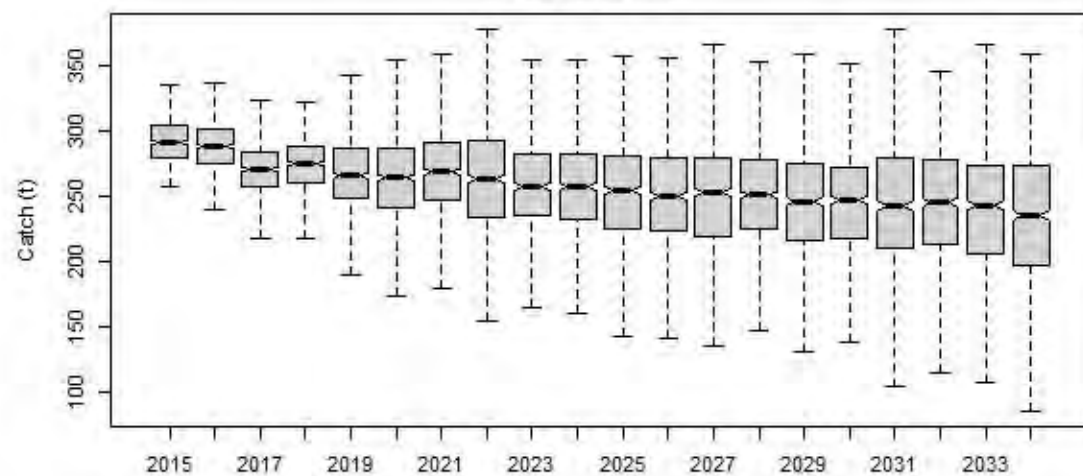
ActlCPUE.TVH



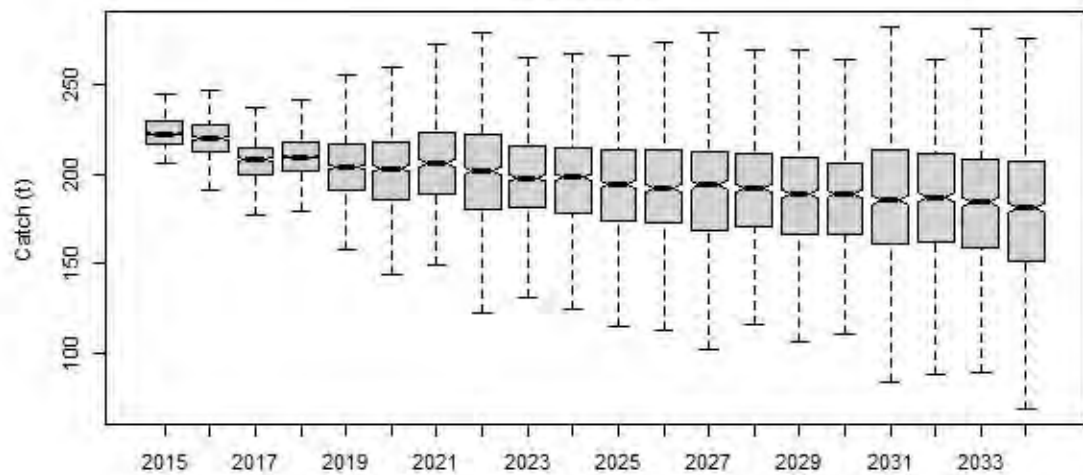
Catch of all sectors



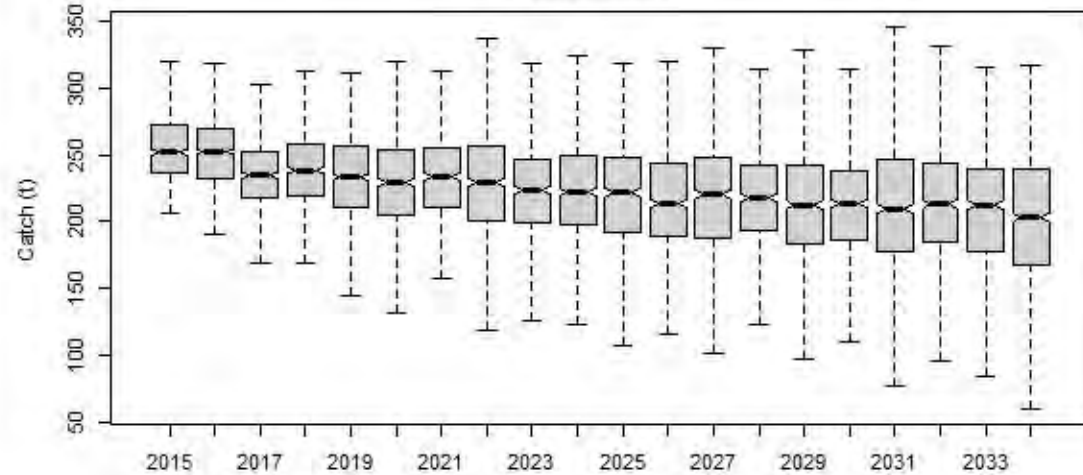
Catch of TIB



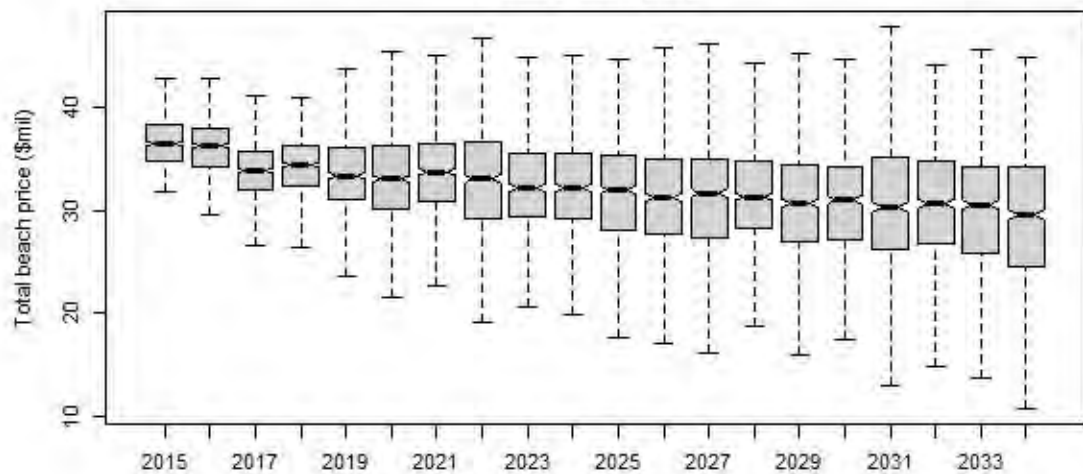
Catch of TVH



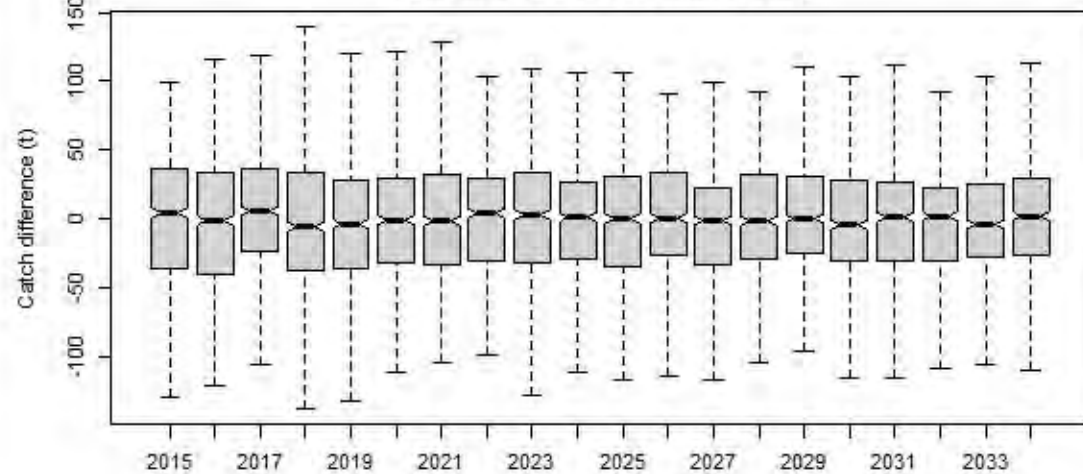
Catch of PNG



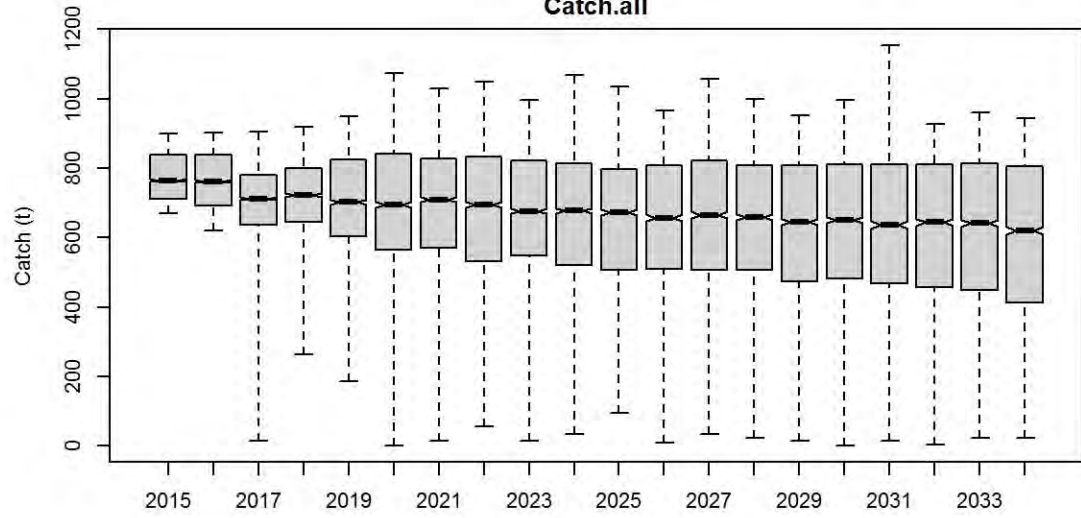
Total beach price



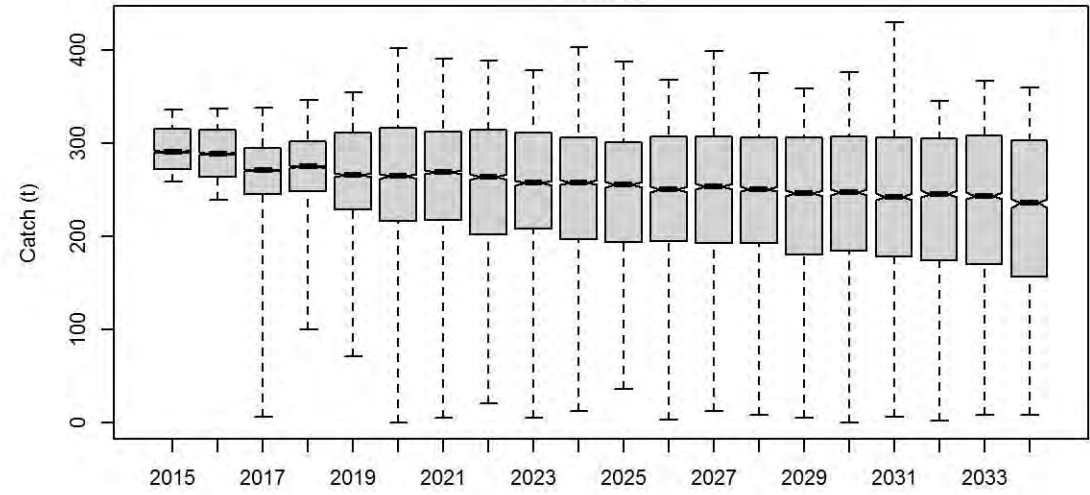
Difference of TAC and actual catch



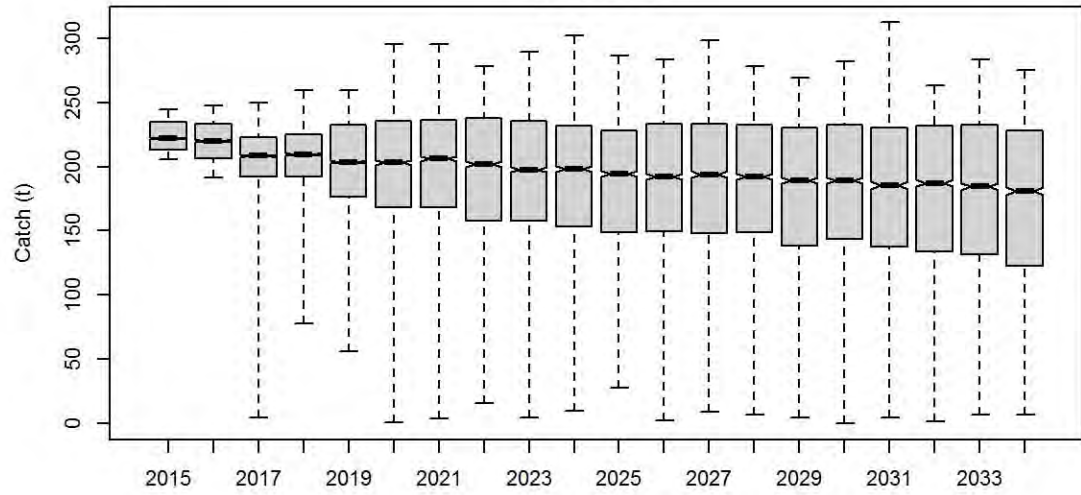
Catch.all



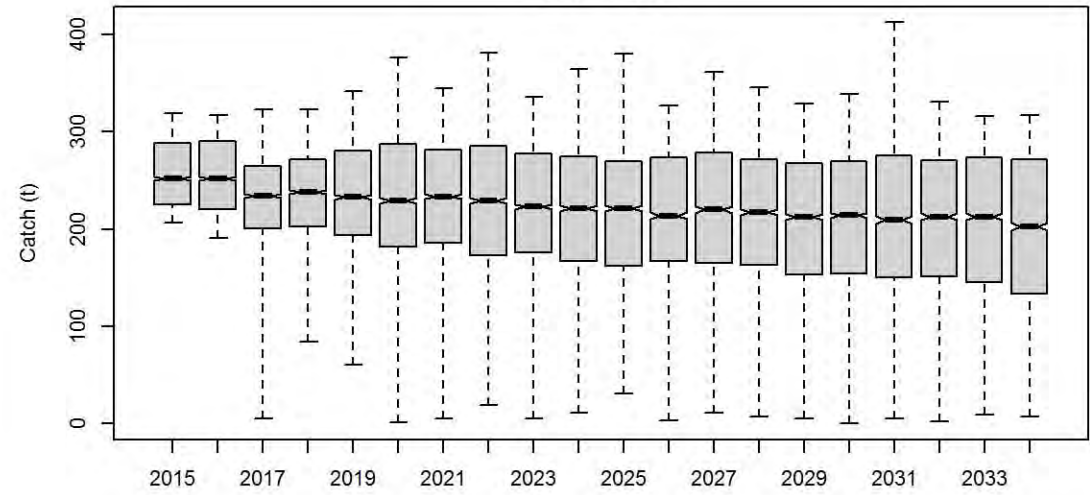
Catch.TIB



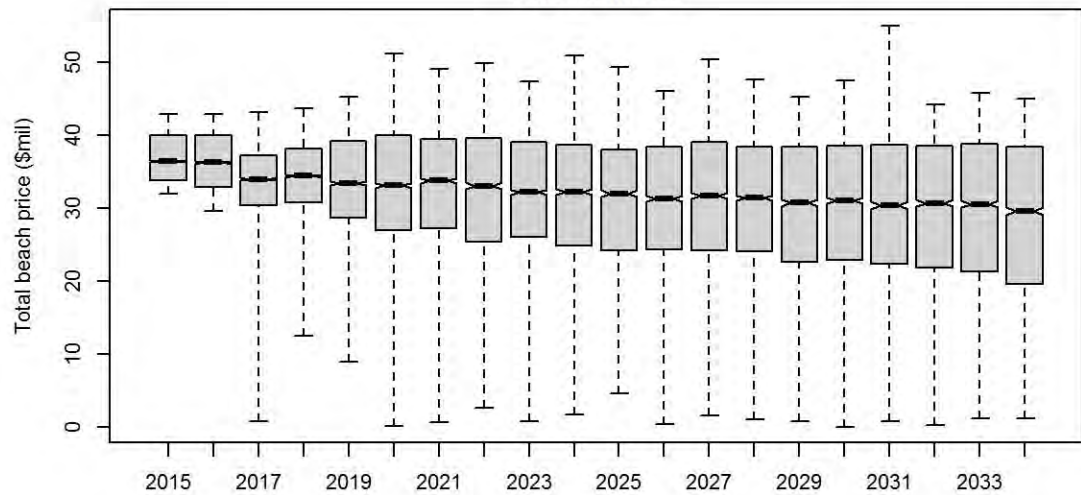
Catch.TVH



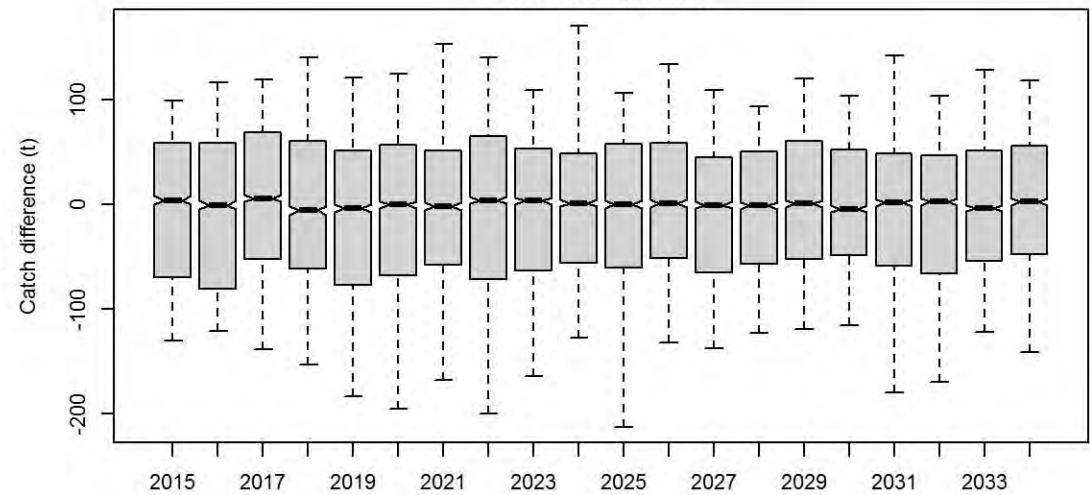
Catch.PNG



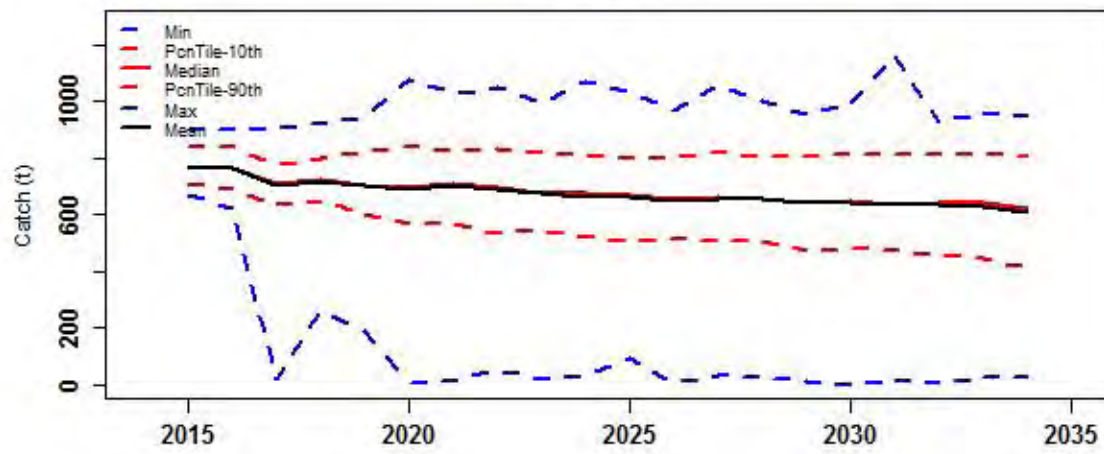
TotBeachPrice



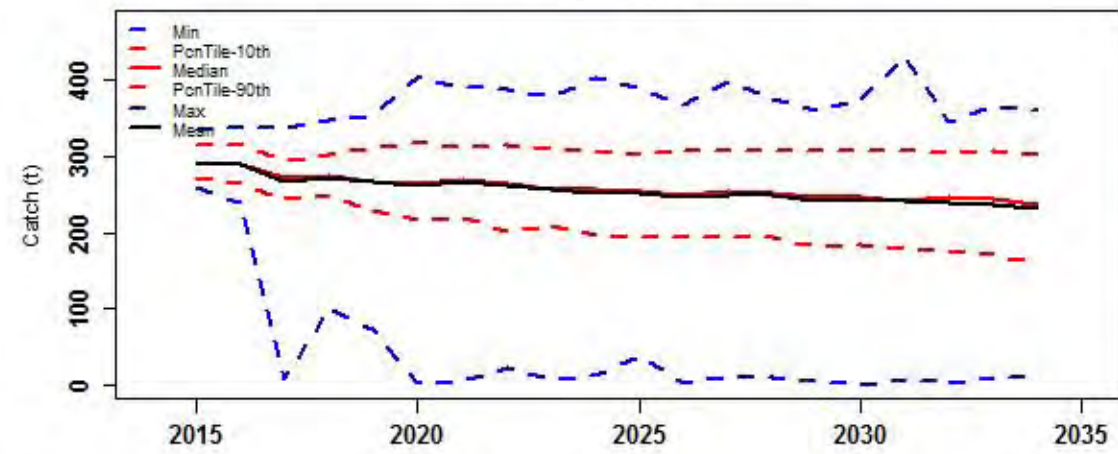
Diff.TAC.actlCatch



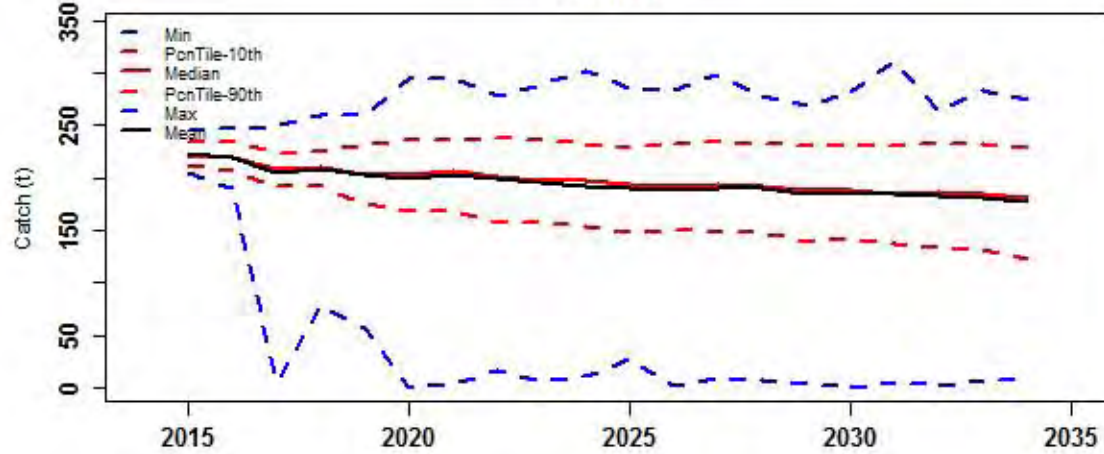
Catch.all



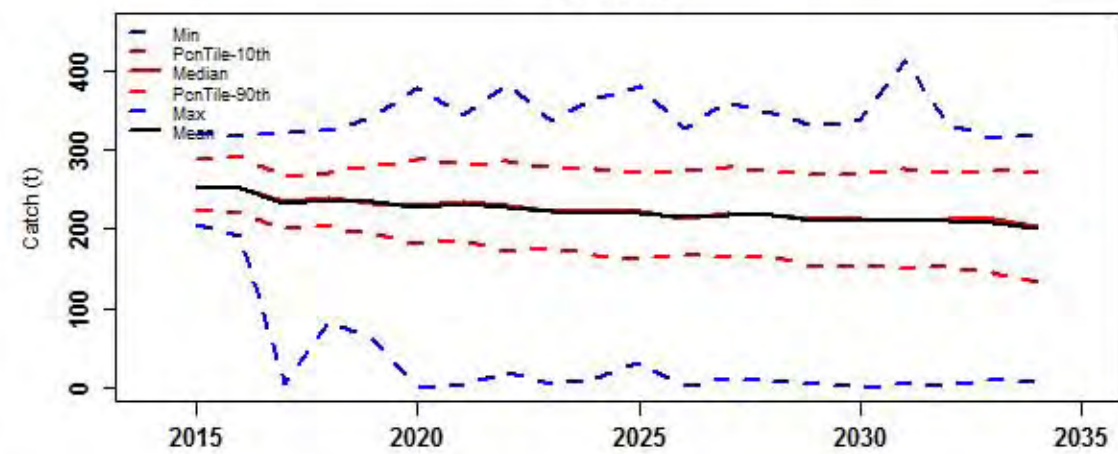
Catch.TIB



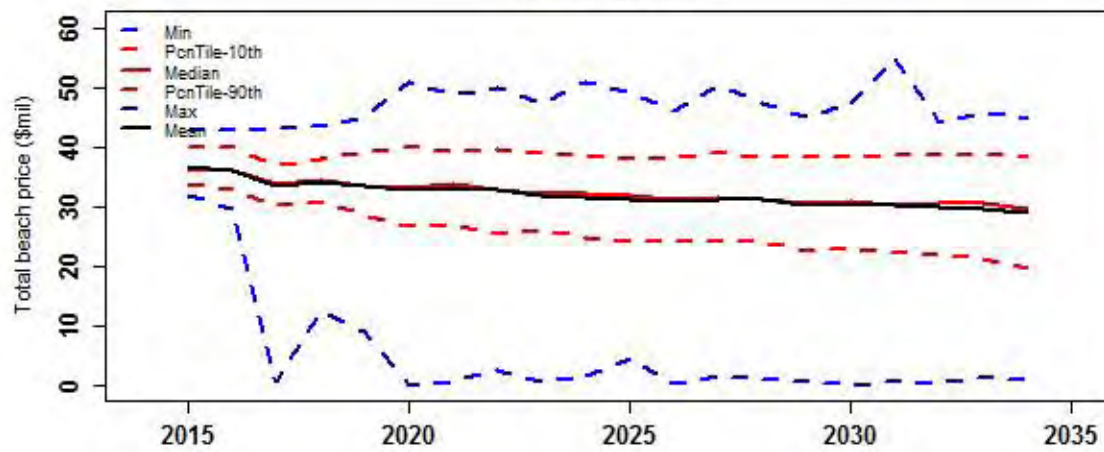
Catch.TVH



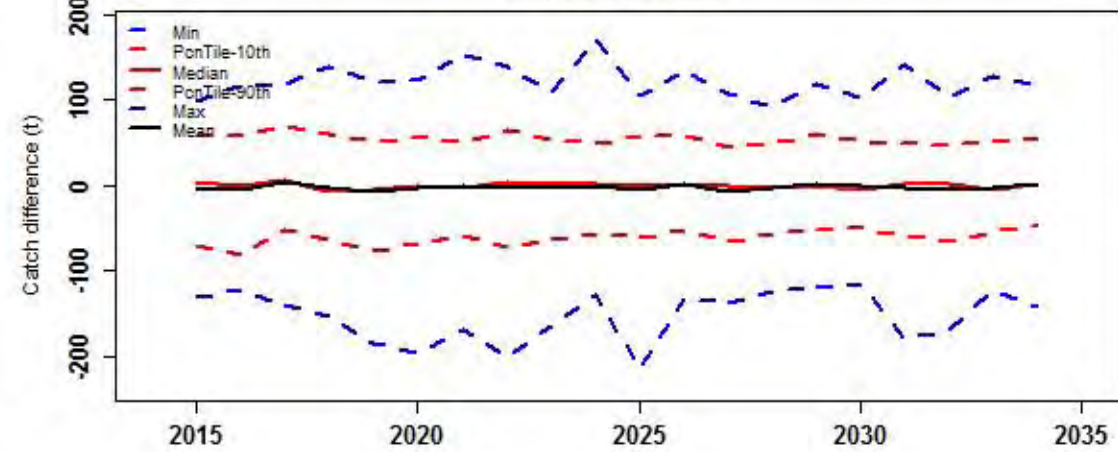
Catch.PNG



TotBeachPrice



Diff.TAC.actlCatch



Risk properties

probability

0.0

0.1

0.2

0.3

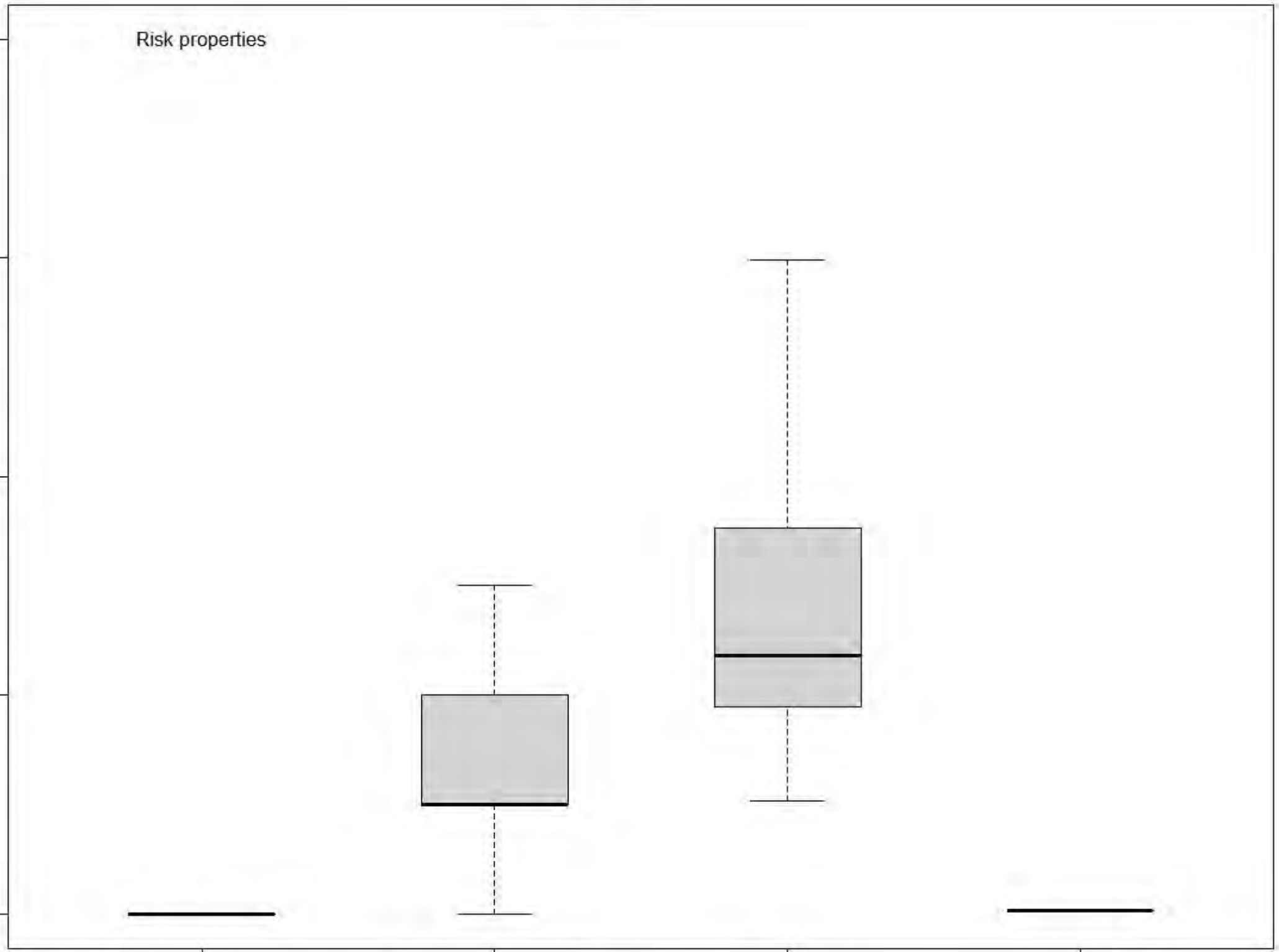
0.4

Prop_times_Bsp.0.32K

Prop_times_Bsp.0.48K

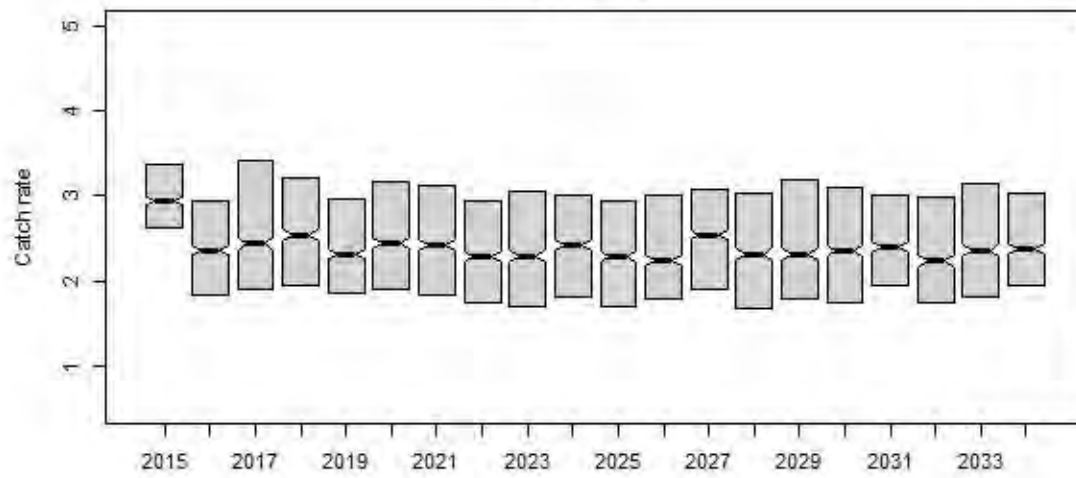
AAV_catch

Prob_Closure

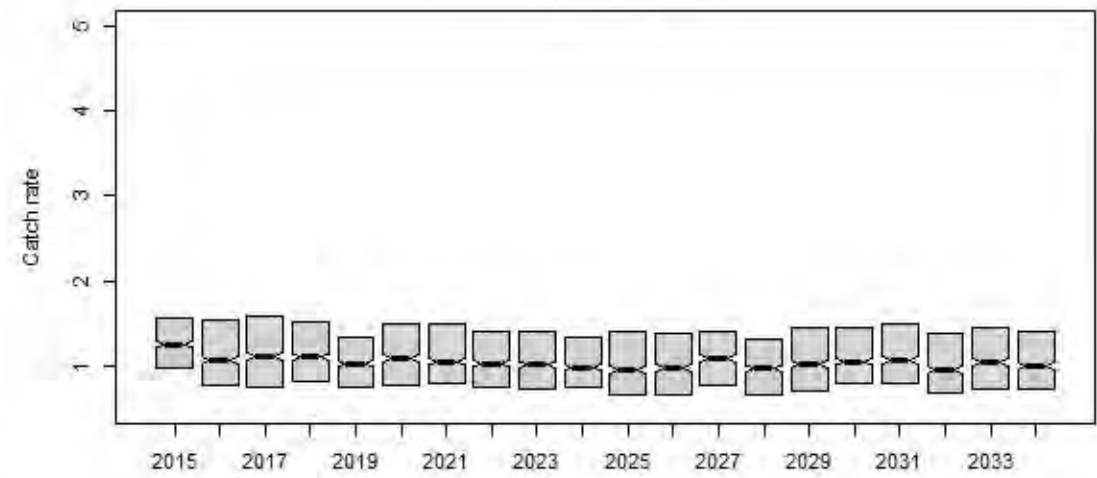


rHCR11

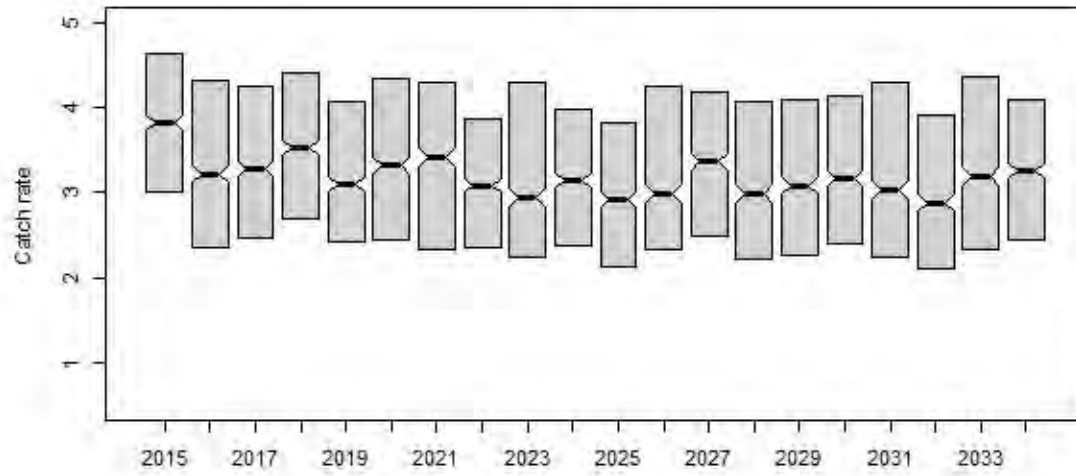
Preseas1



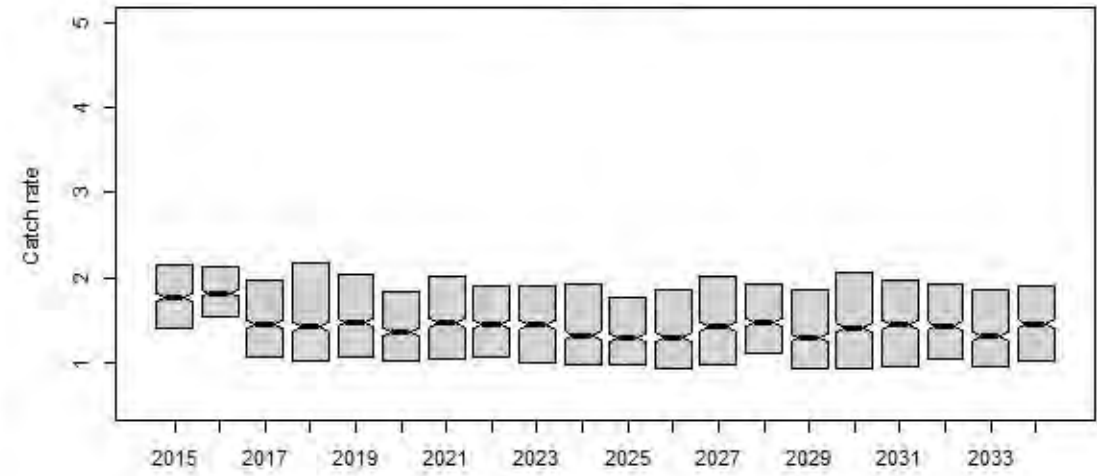
Preseas0



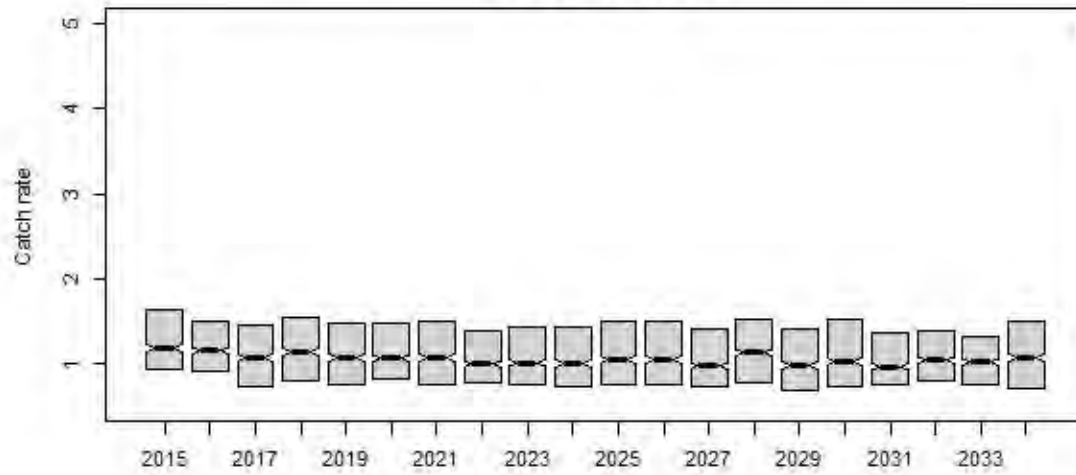
Midsurv1



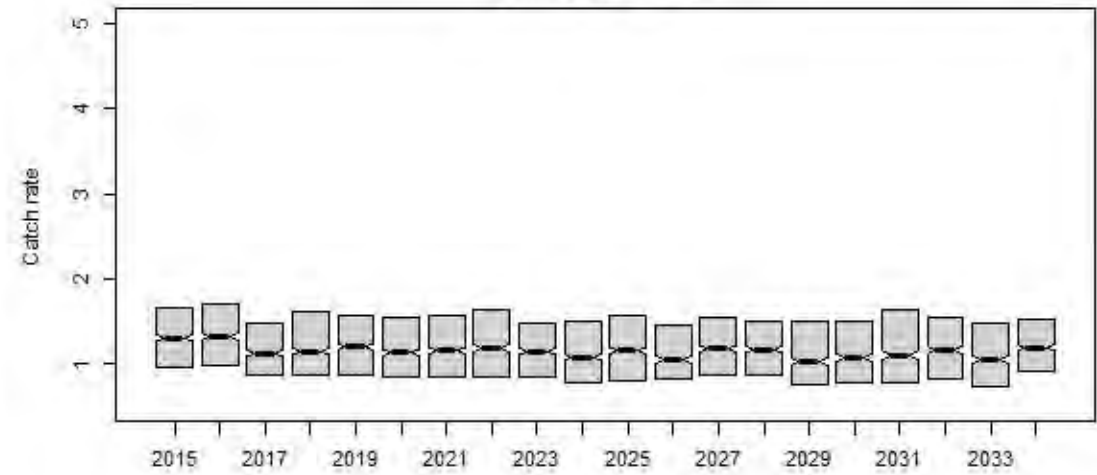
Midsurv2



Future_CPUE_TVH

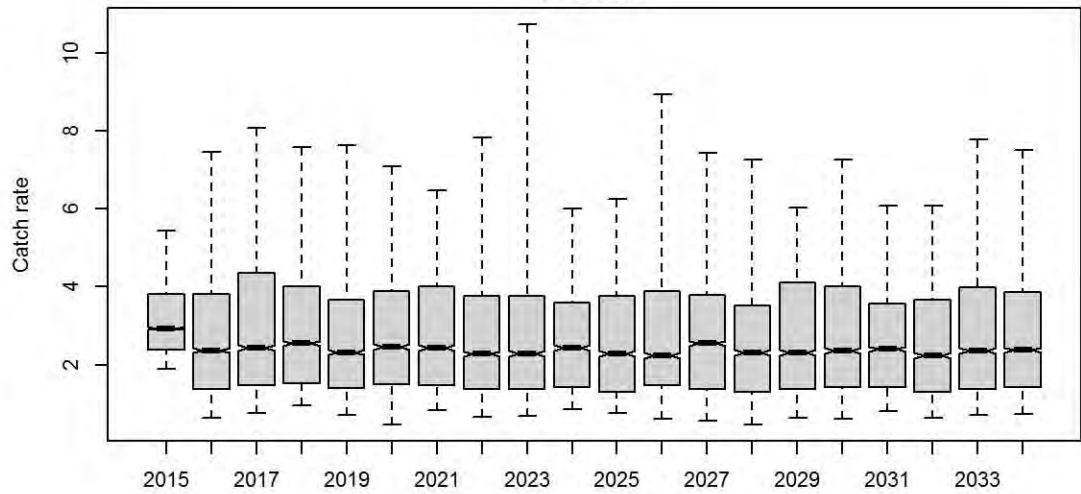


Future_CPUE_TIB

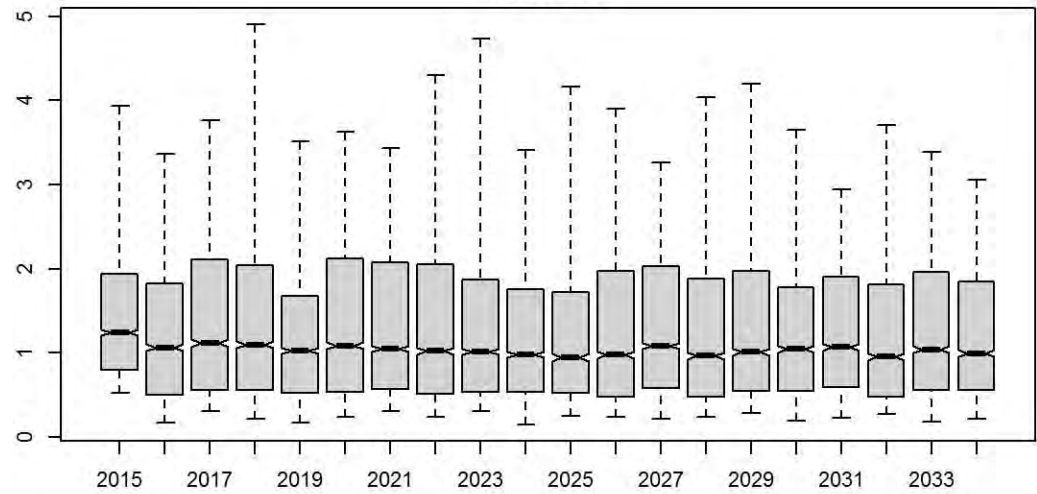


rHCR11

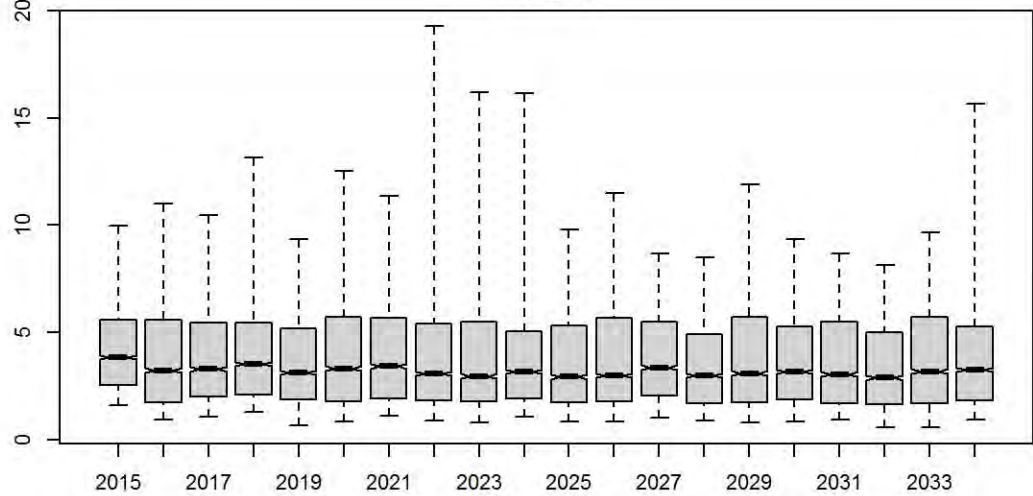
Preseas1



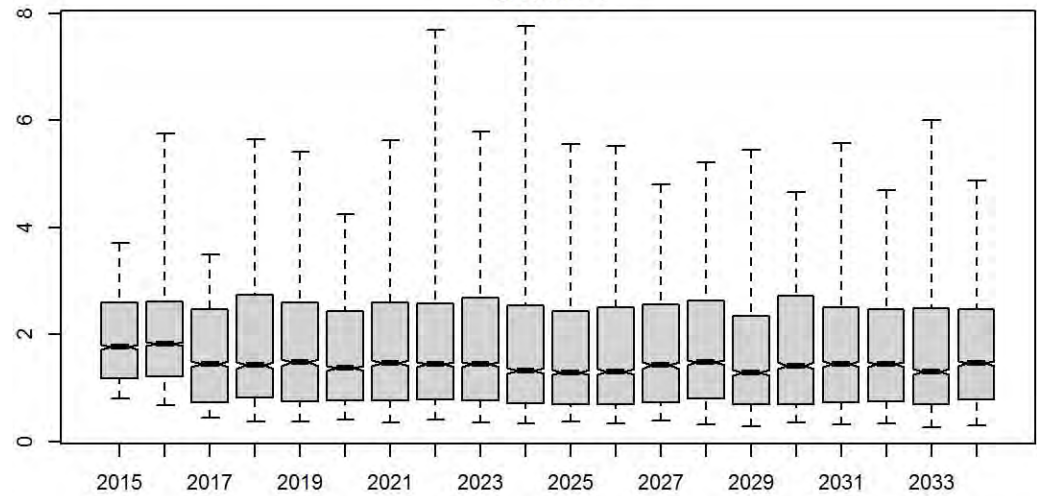
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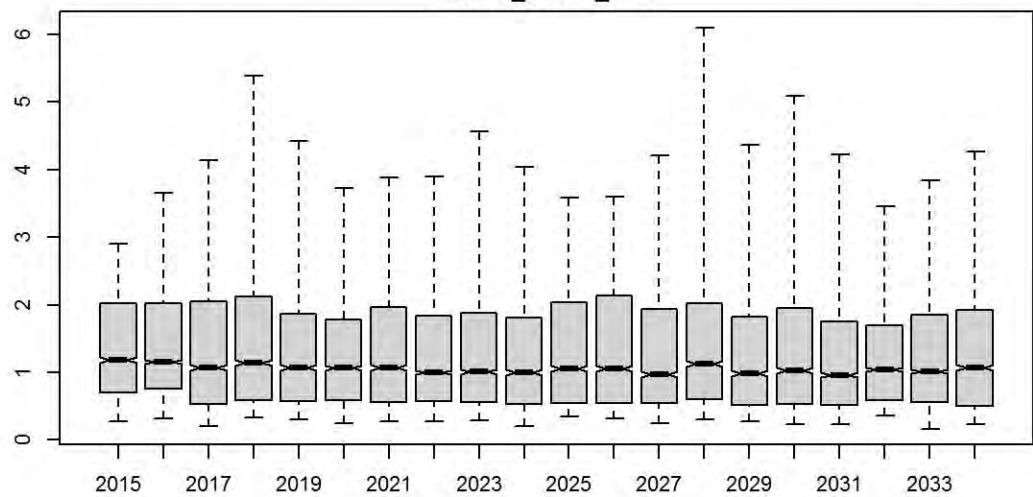
Midsurv1



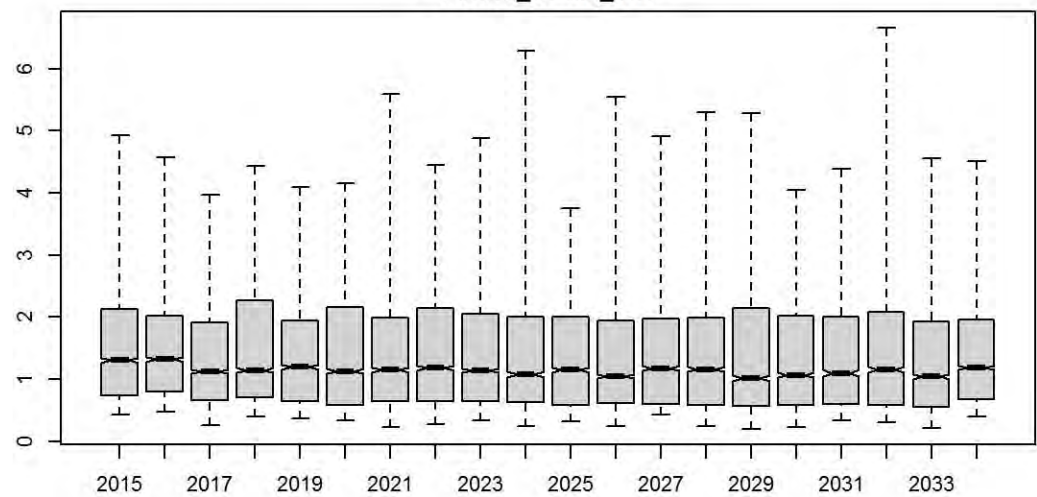
Midsurv2



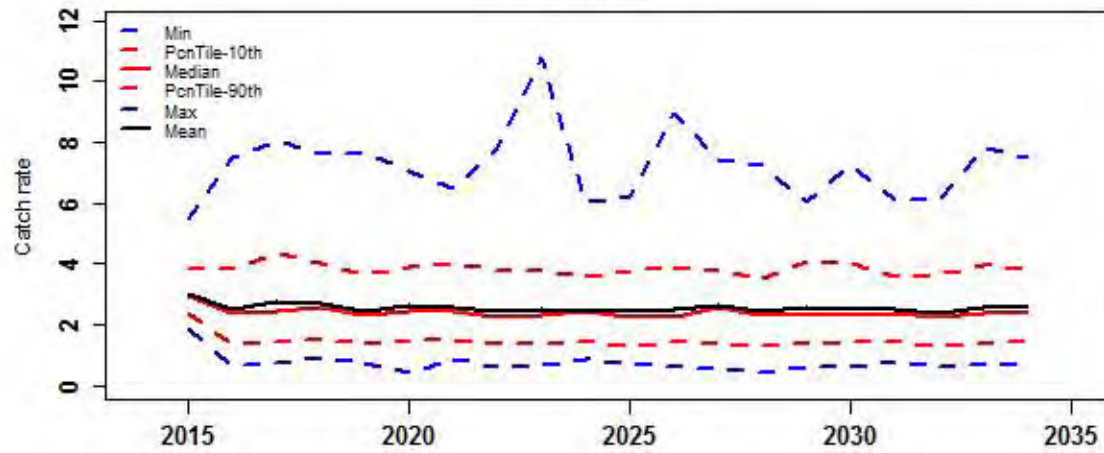
Future_CPUE_TVH



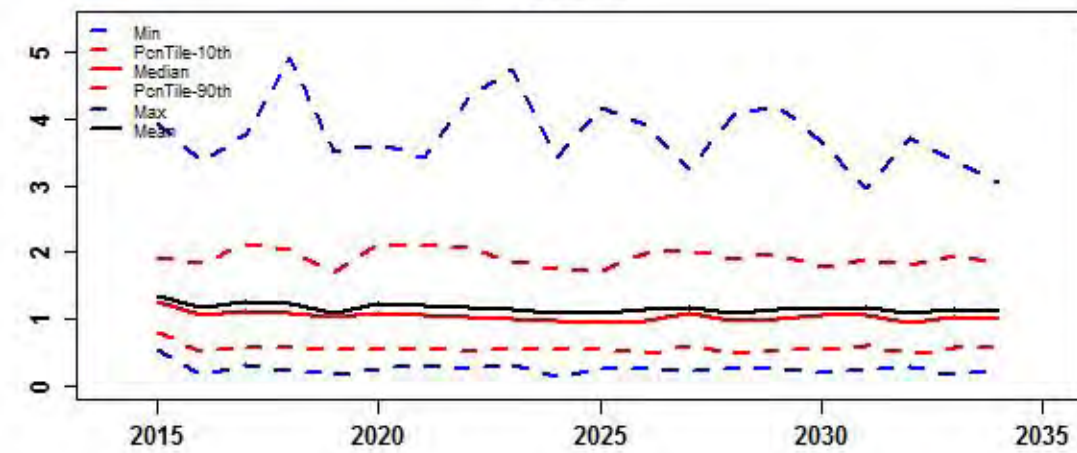
Future_CPUE_TIB



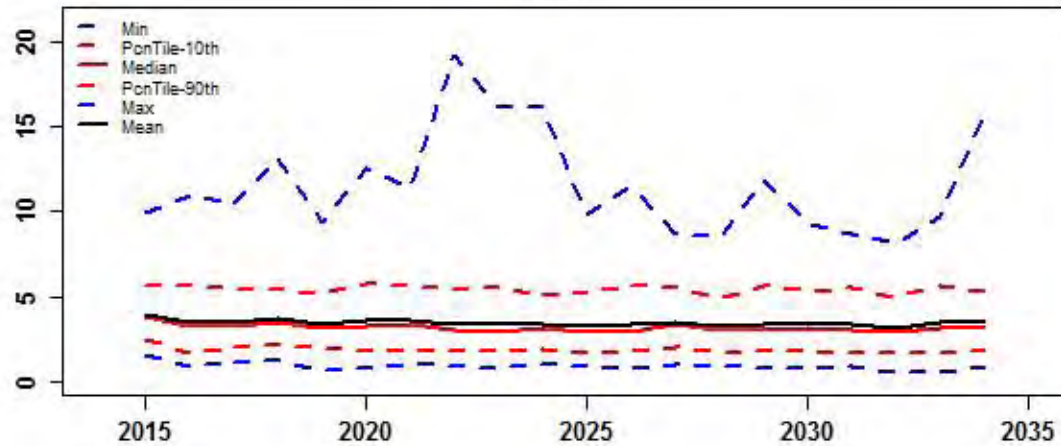
Preseas1



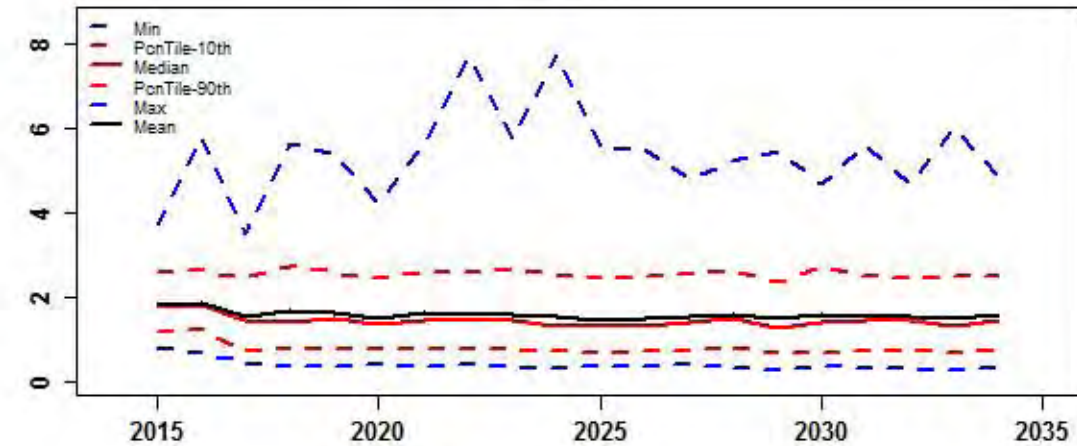
Preseas0



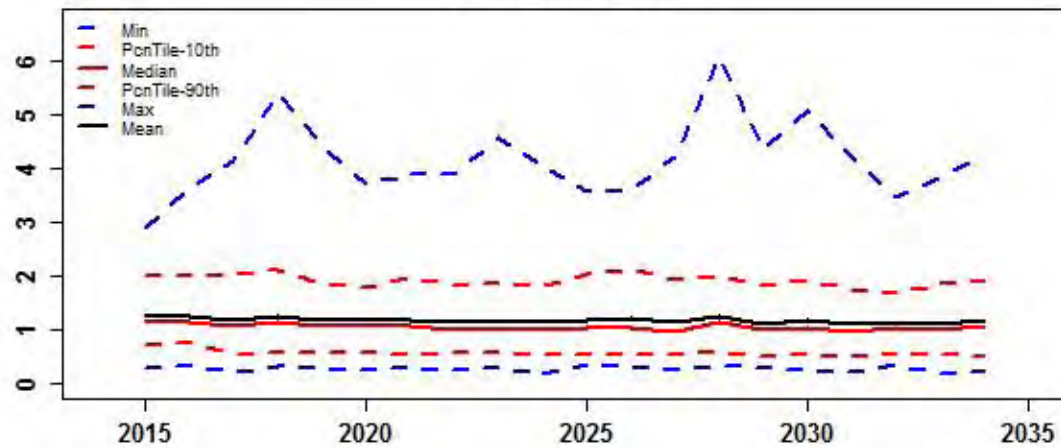
Midsurv1



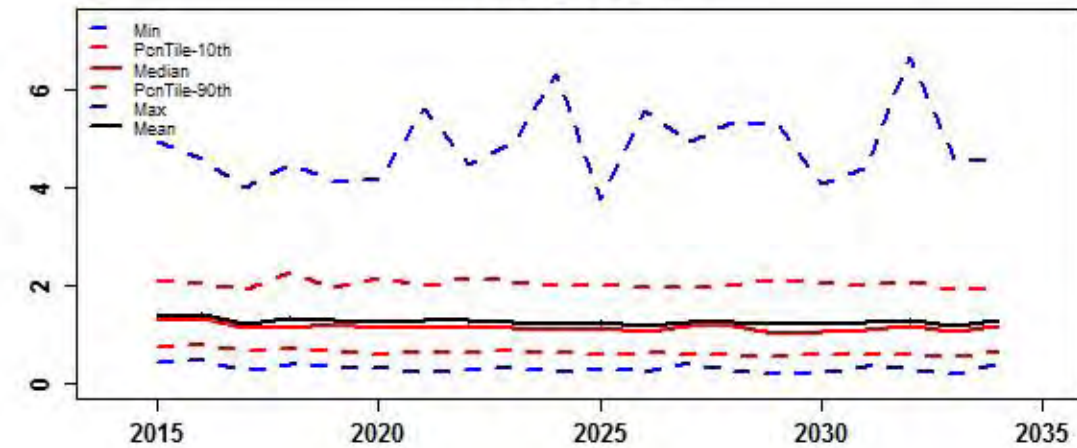
Midsurv2



Future_CPUE_TVH

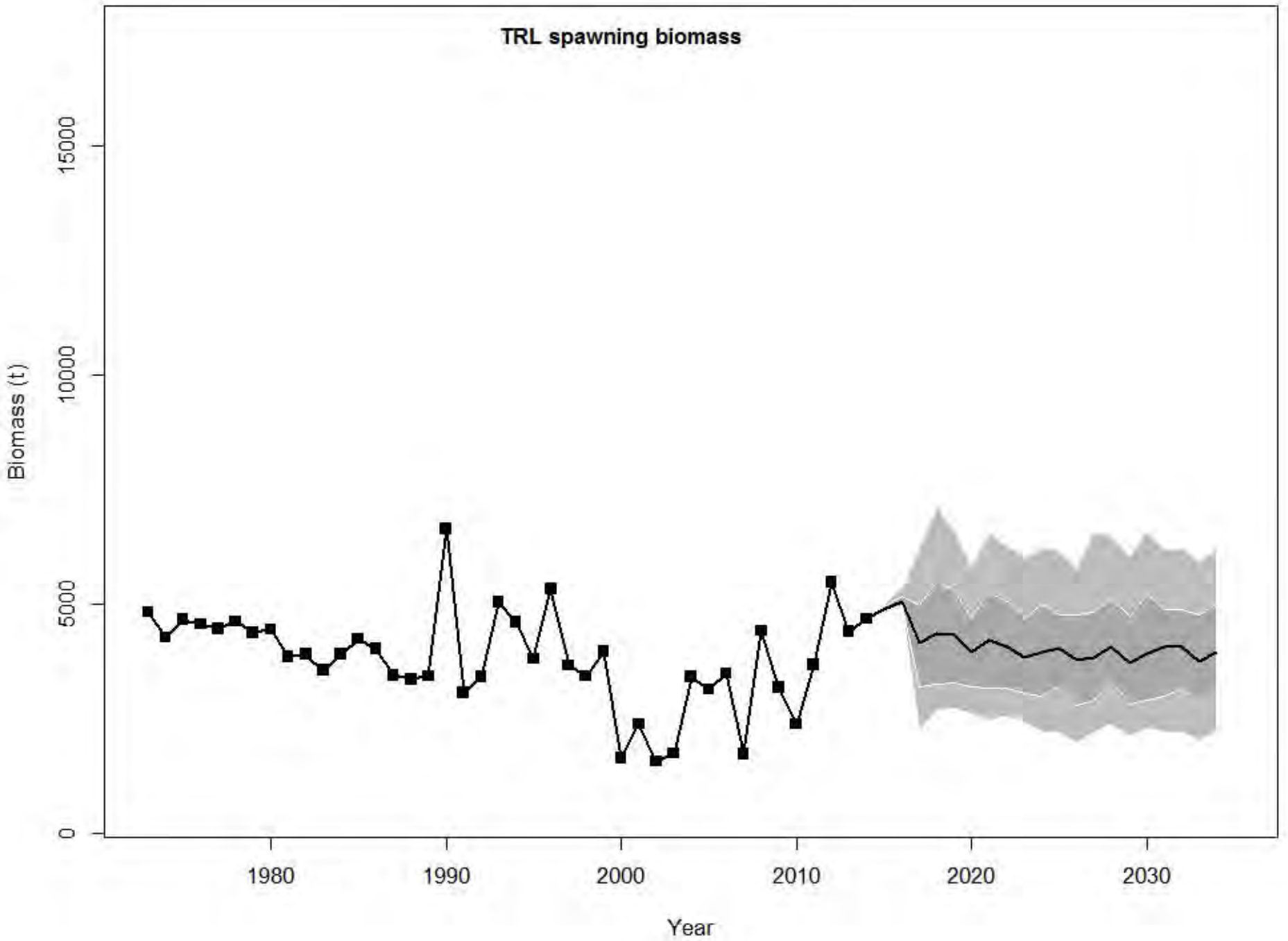


Future_CPUE_TIB

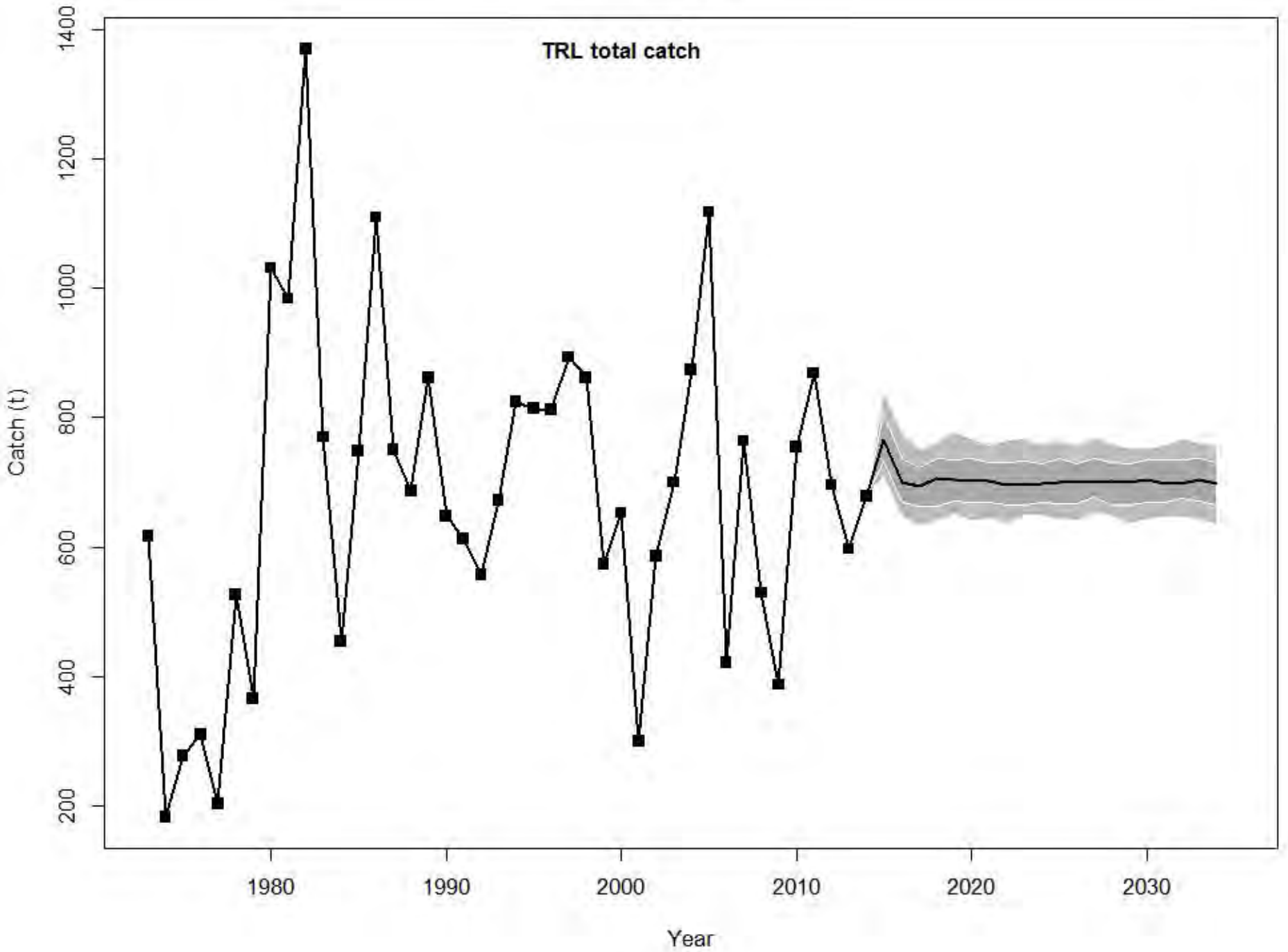


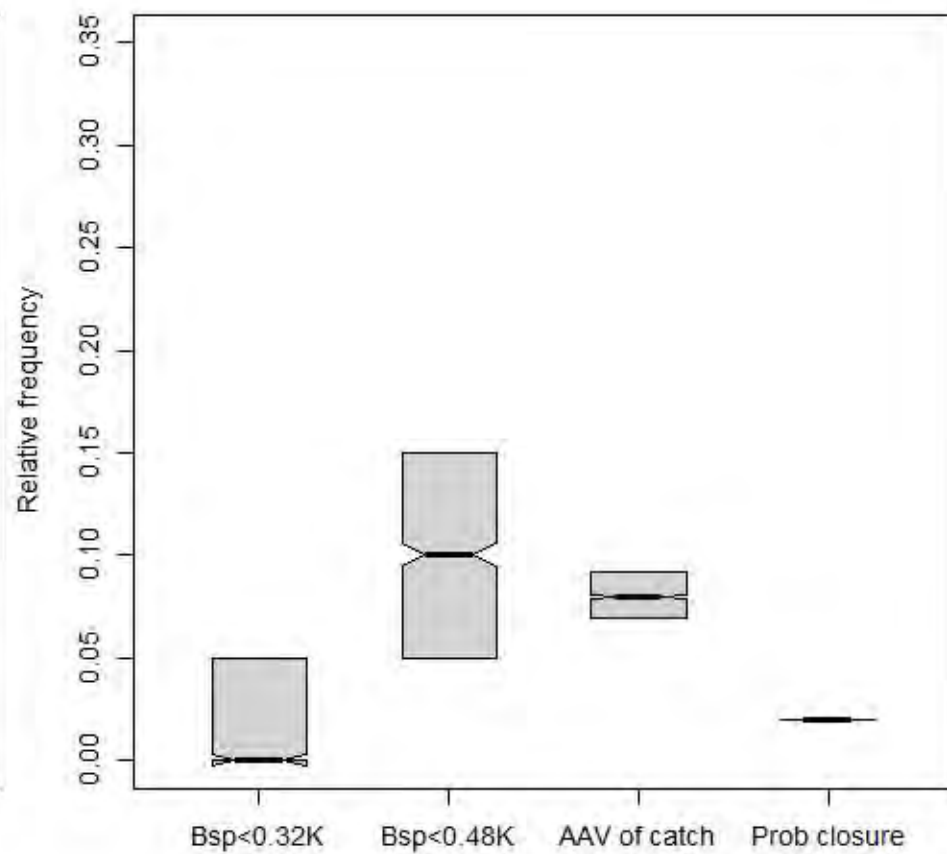
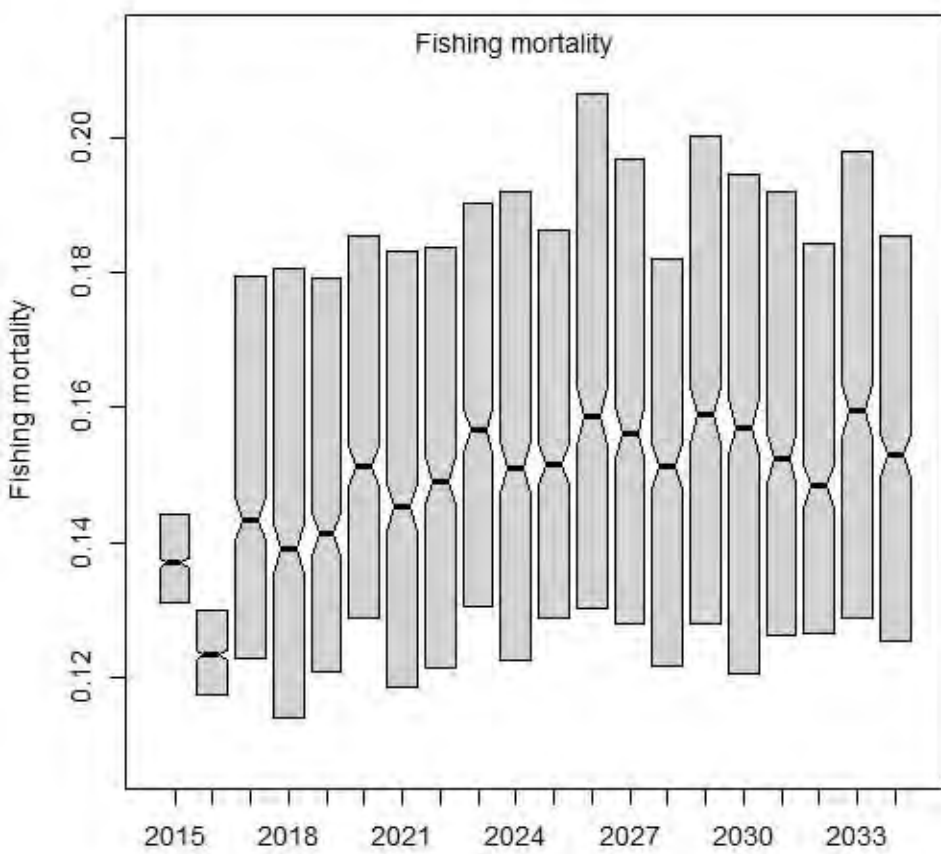
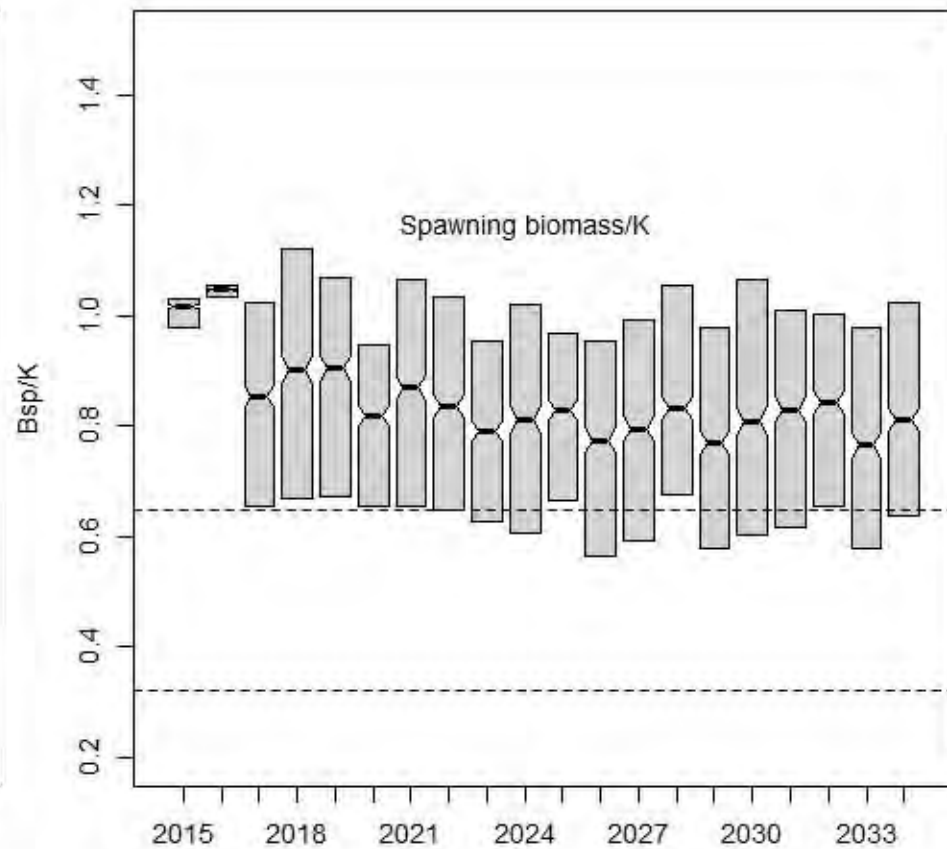
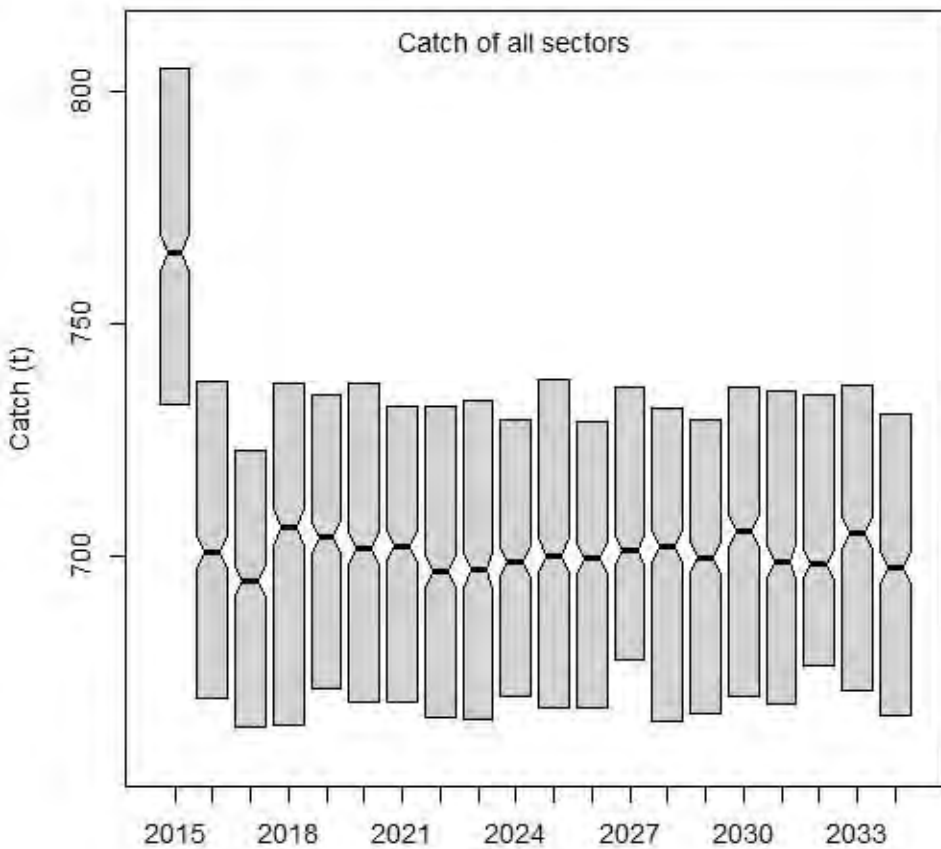
**HARVEST
CONTROL
RULE
SCENARIO 12**

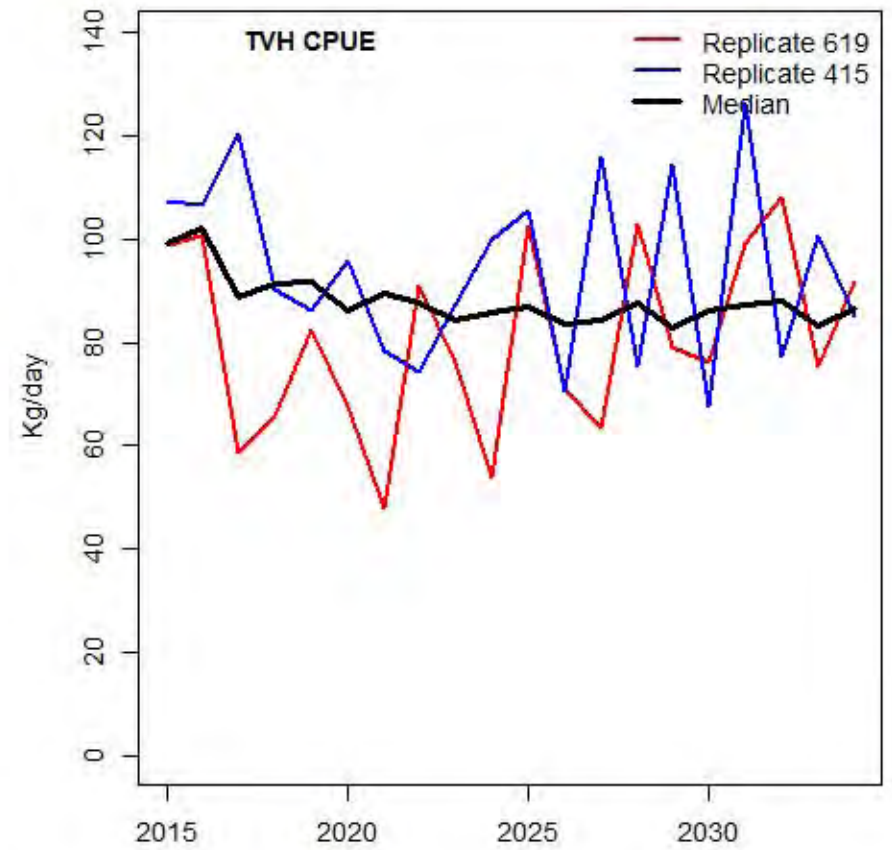
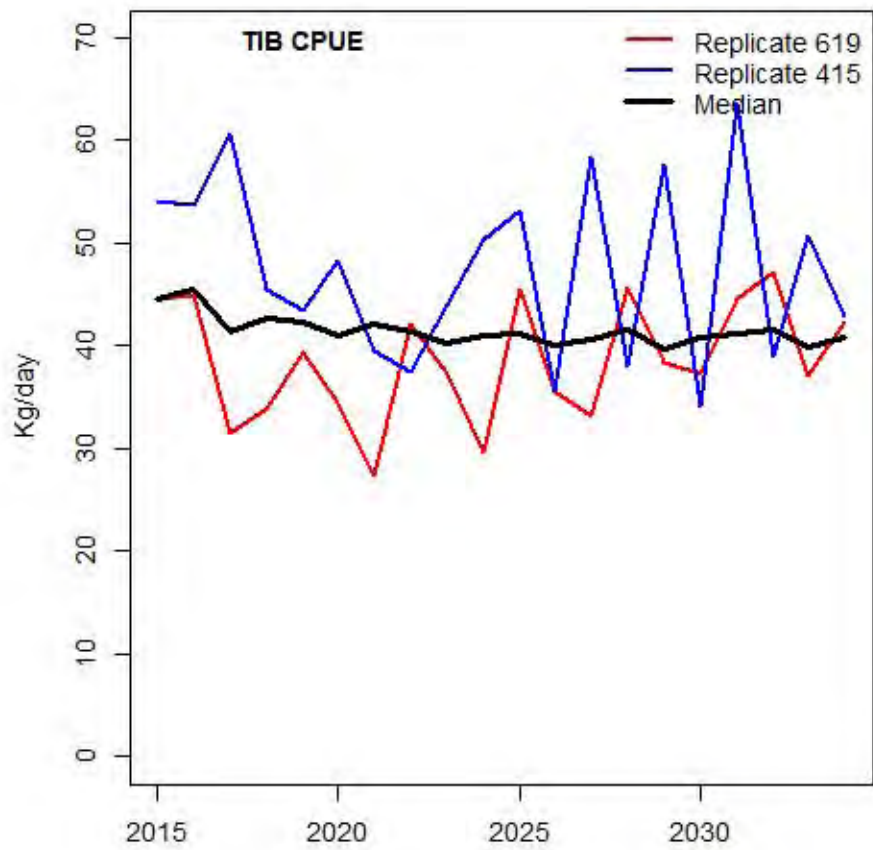
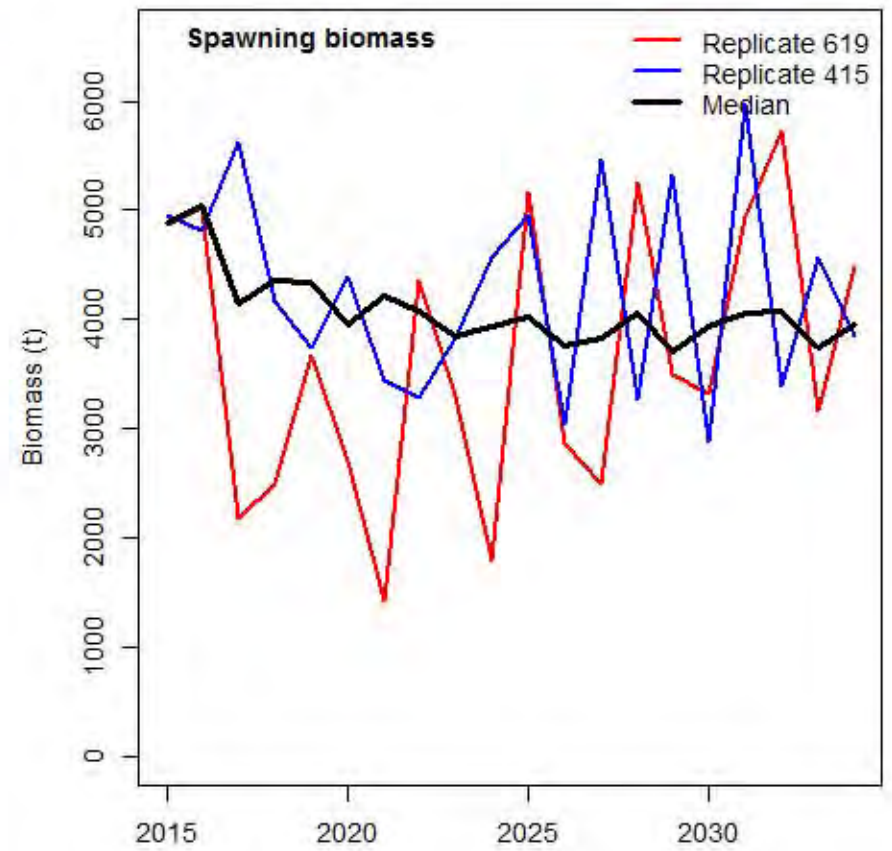
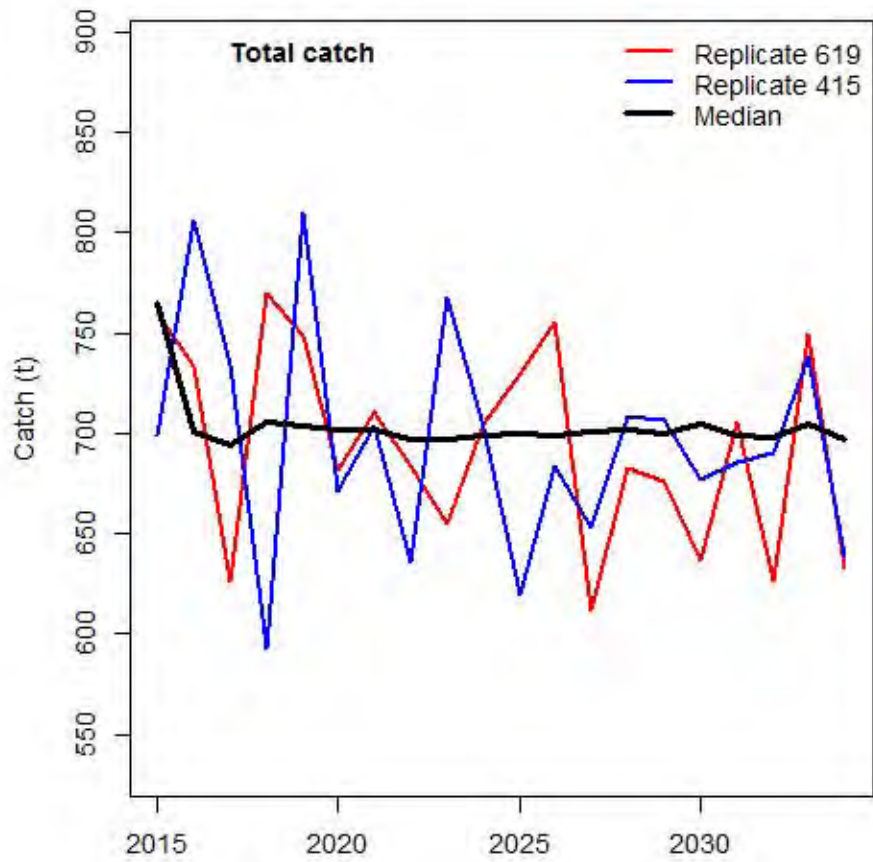
rHCR12



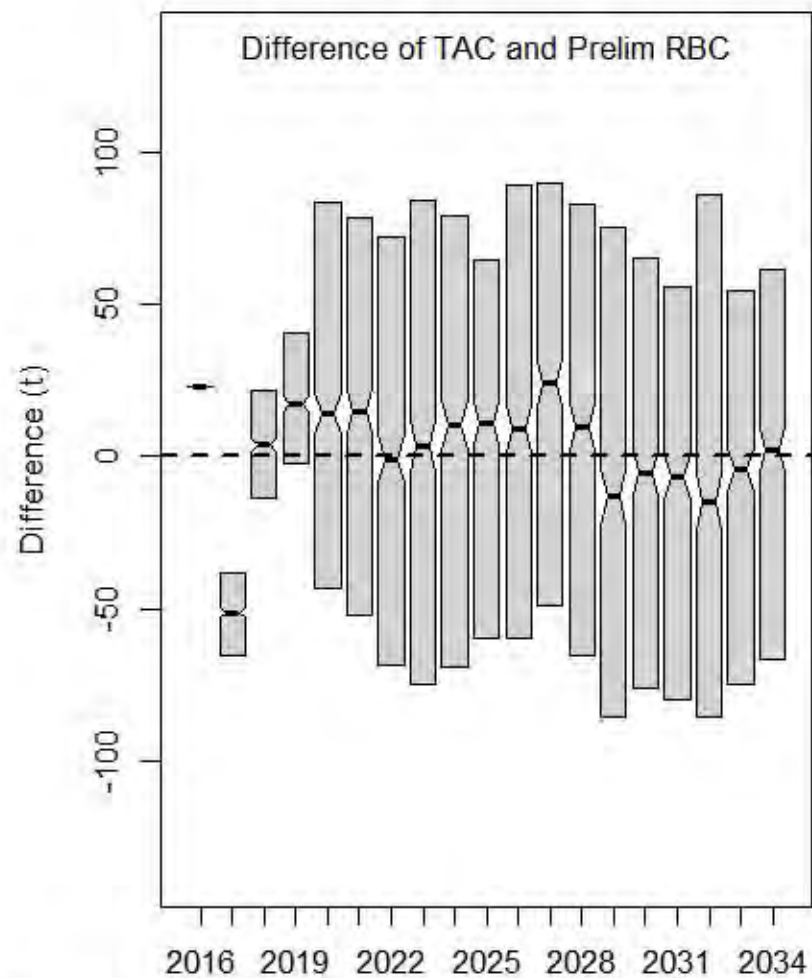
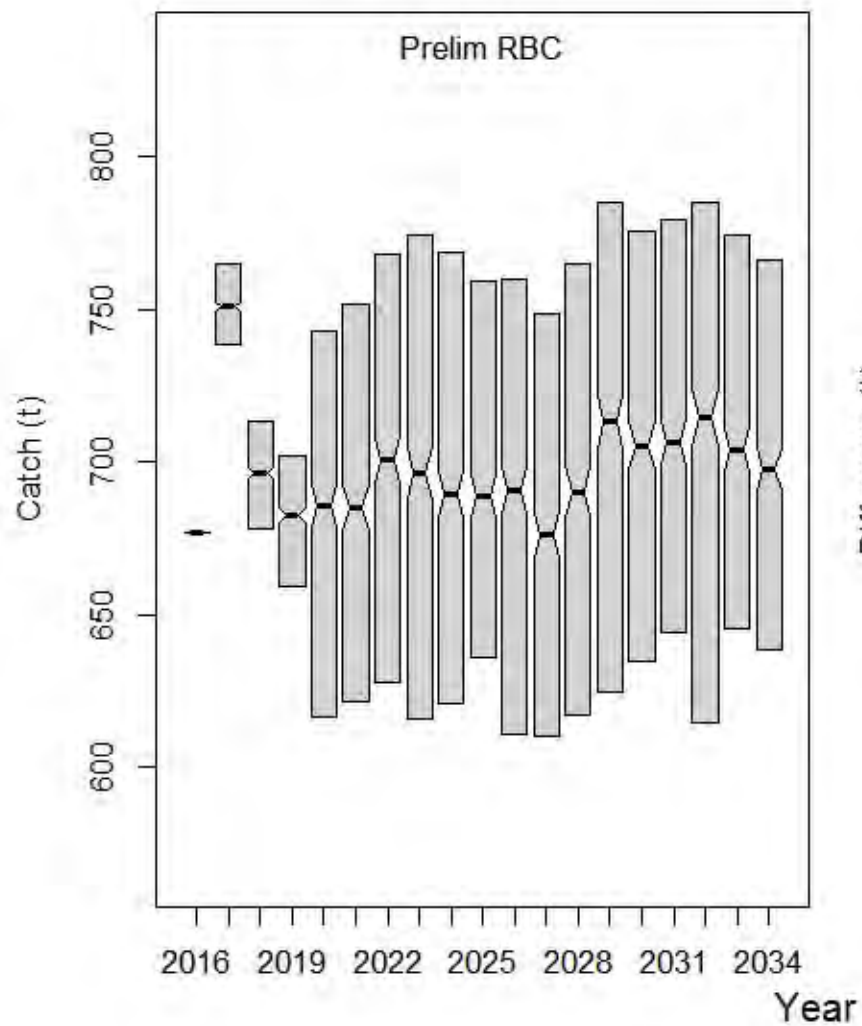
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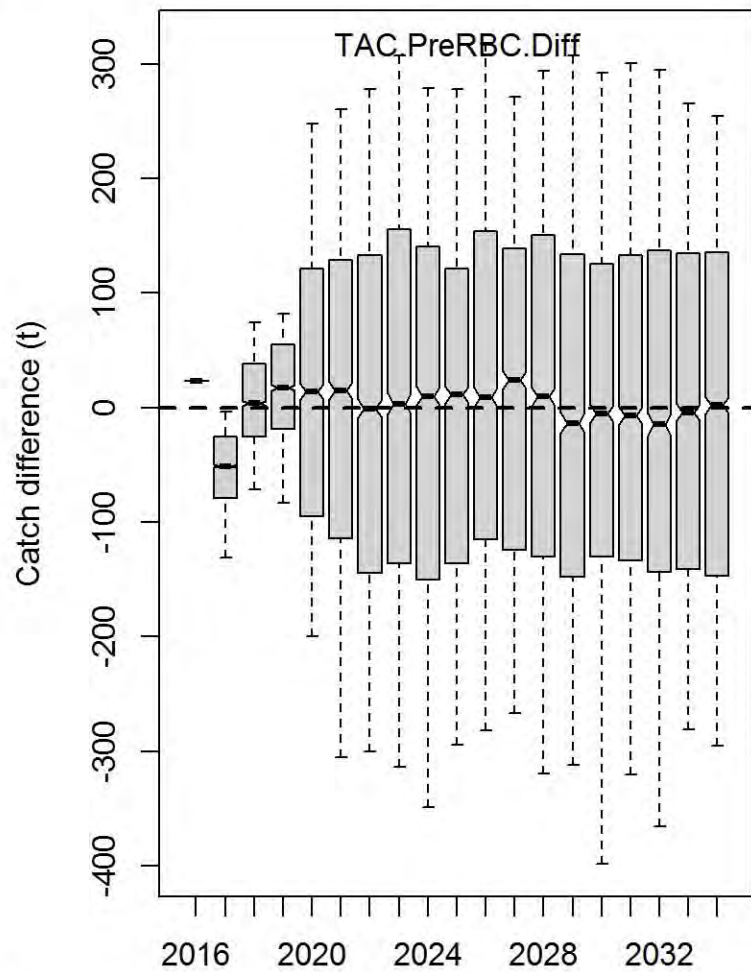
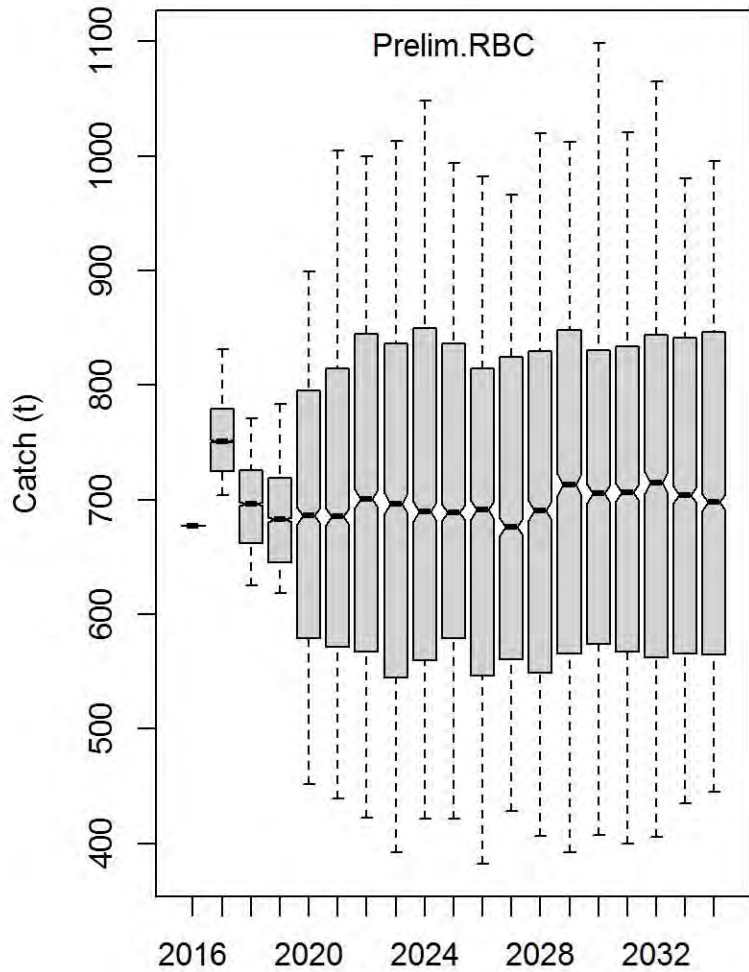




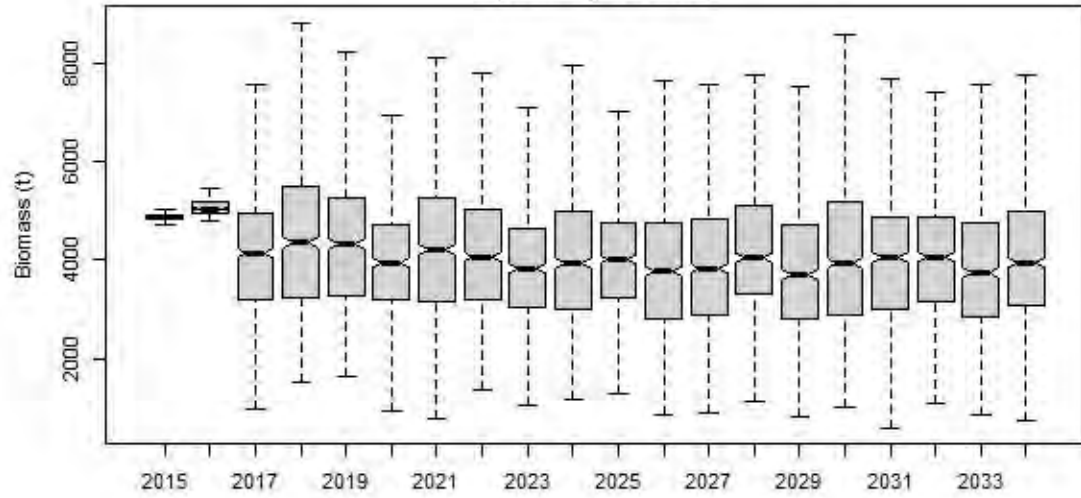
rHCR12



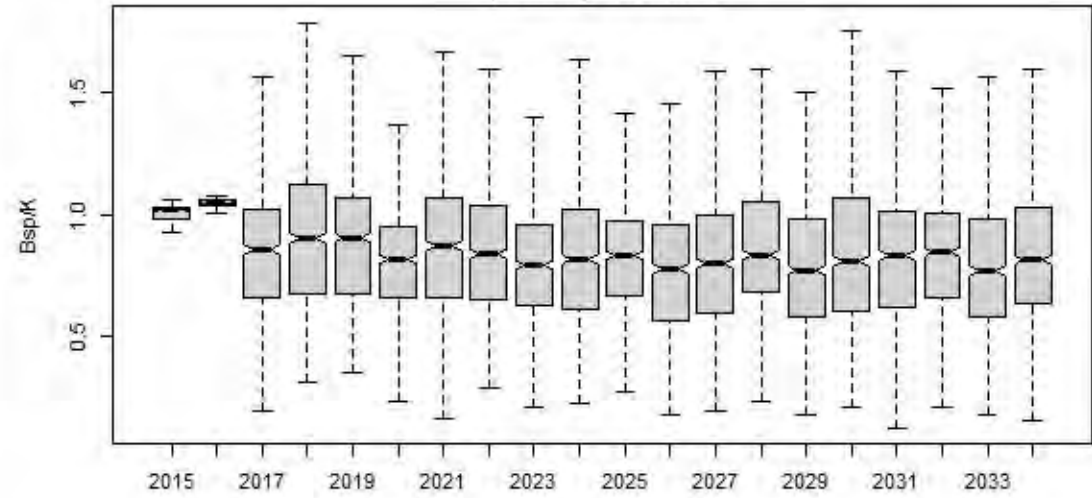
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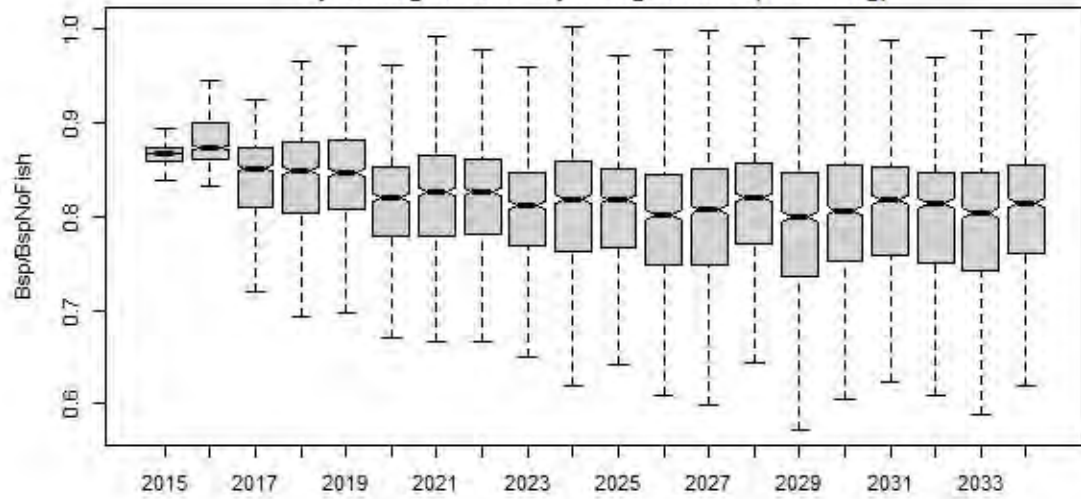
Spawning biomass



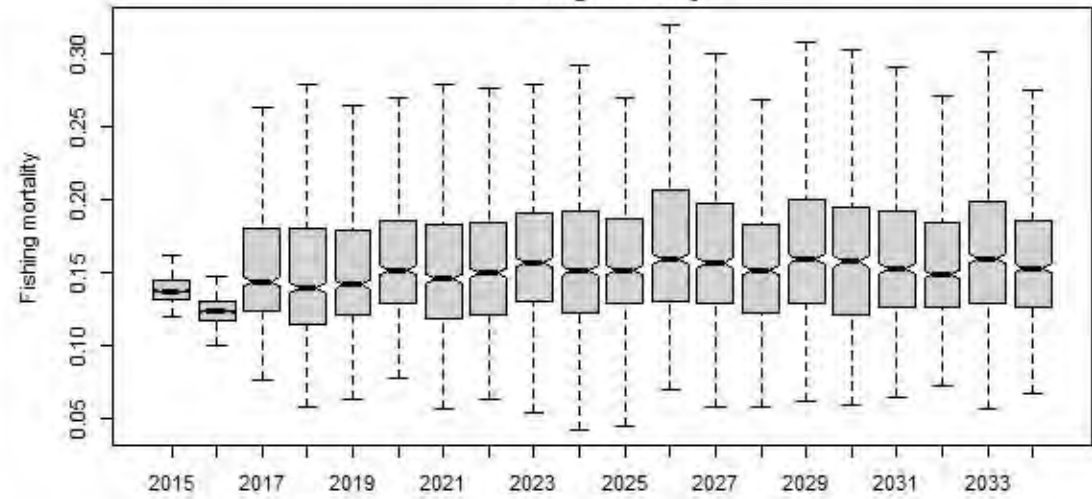
Spawning biomass/K



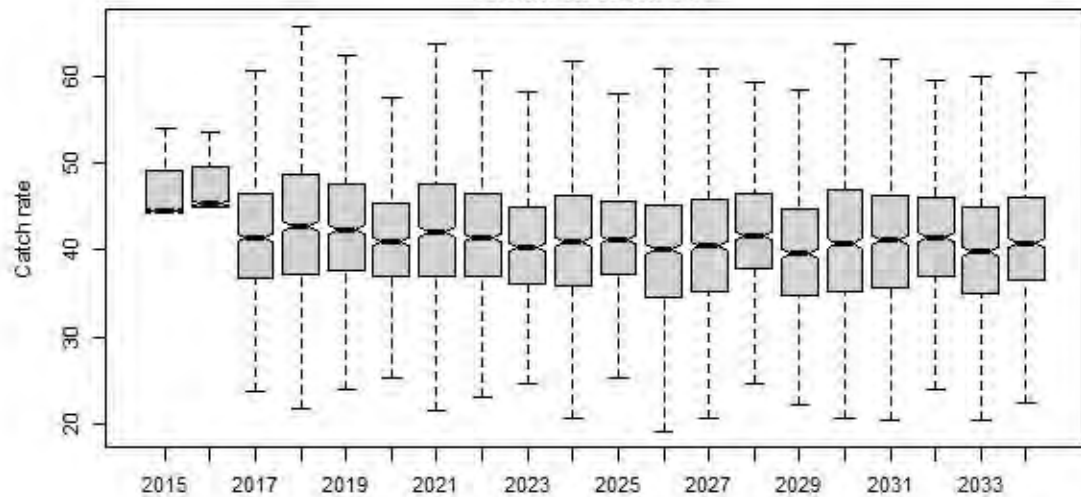
Spawning biomass/Spawning biomass(no fishing)



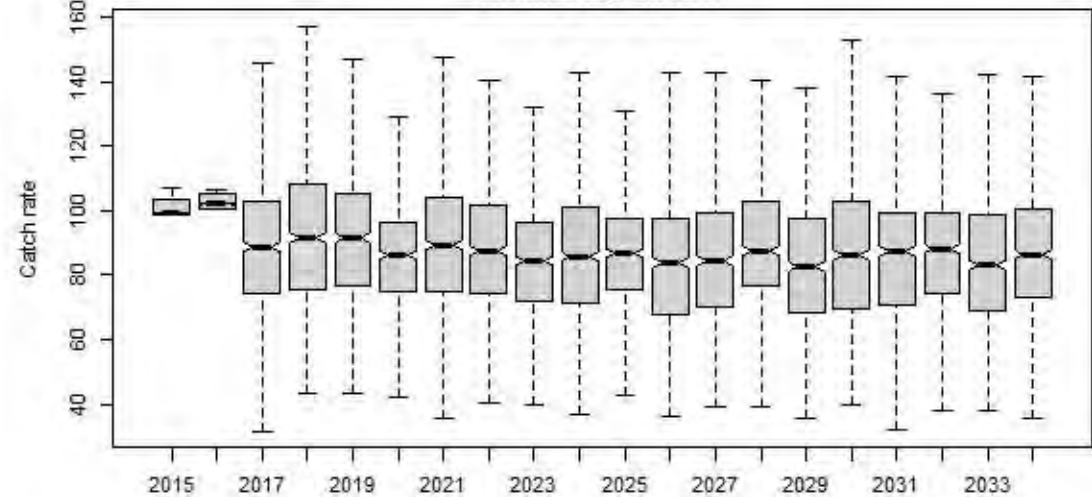
Fishing mortality

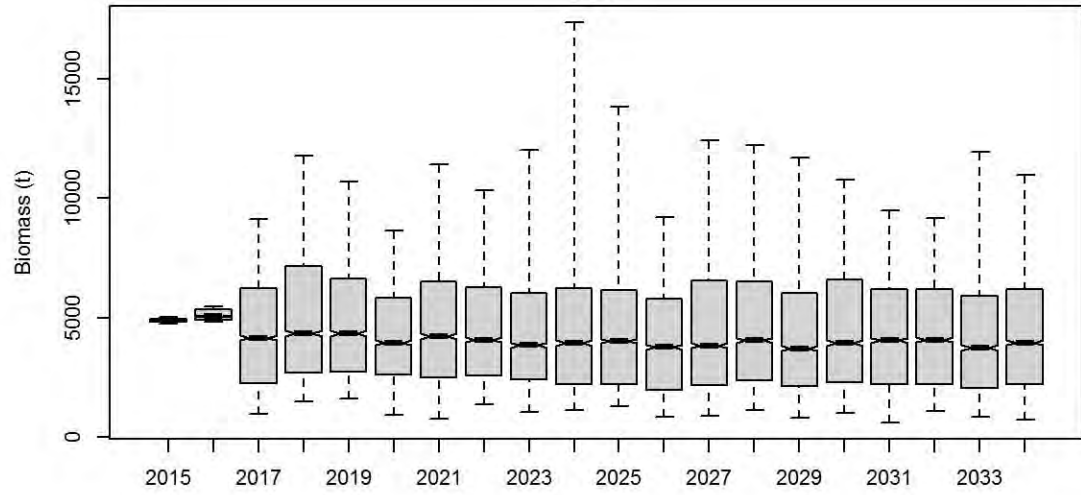
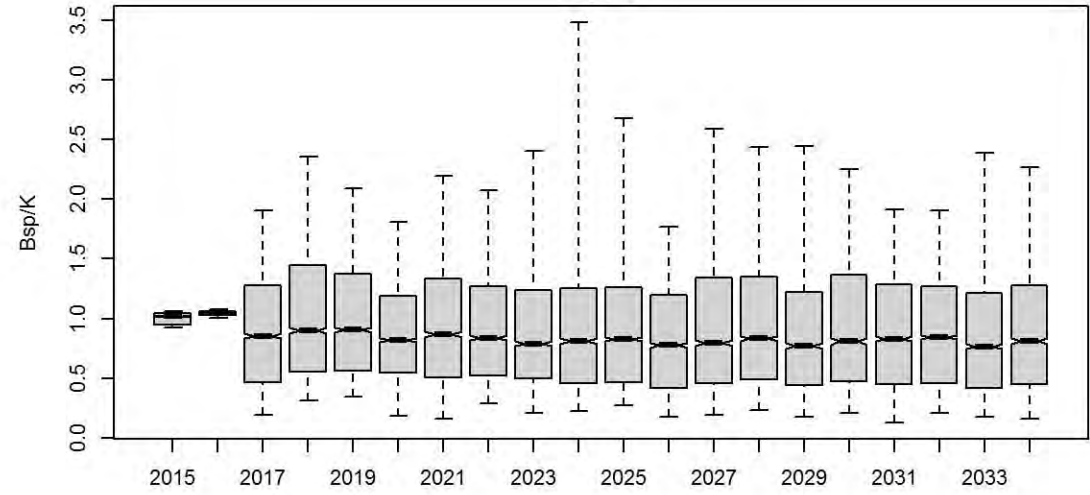
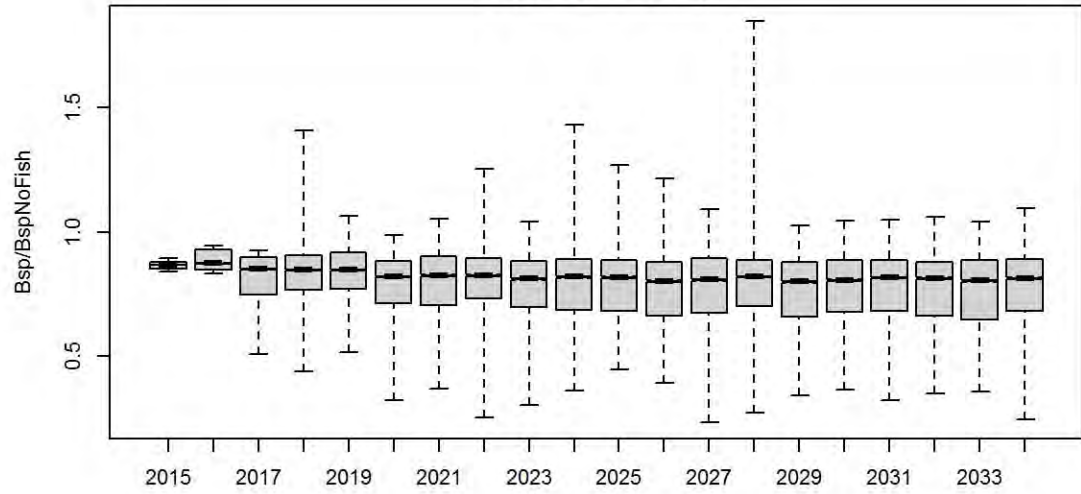
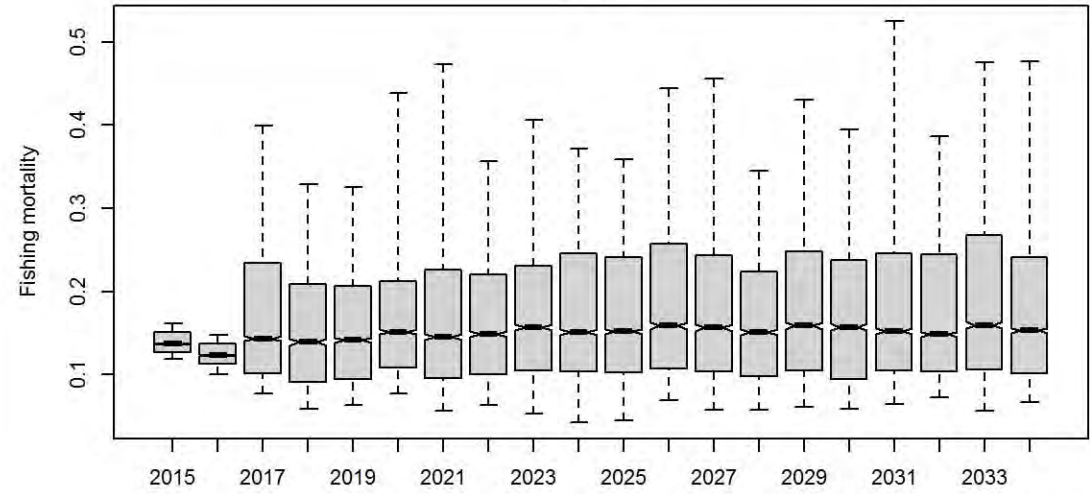
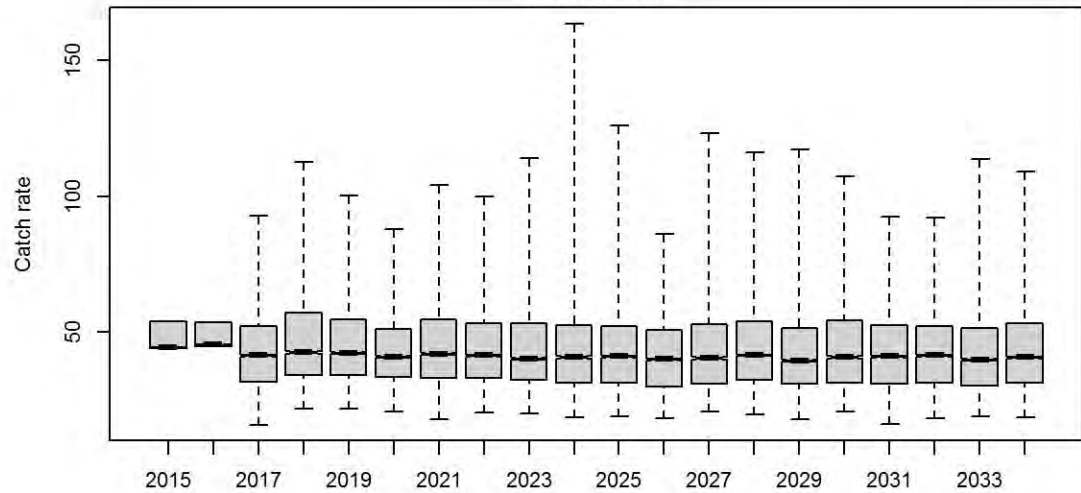
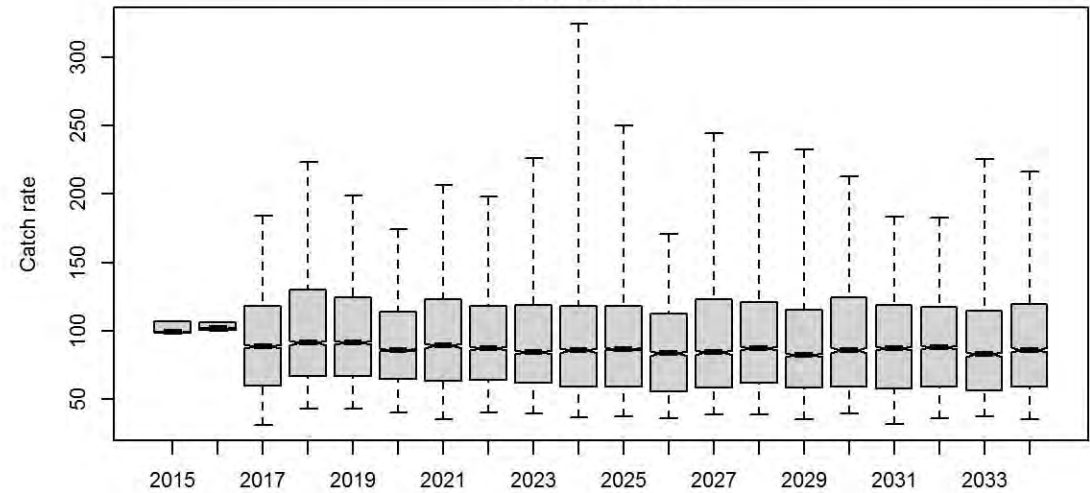


Actual CPUE of TIB

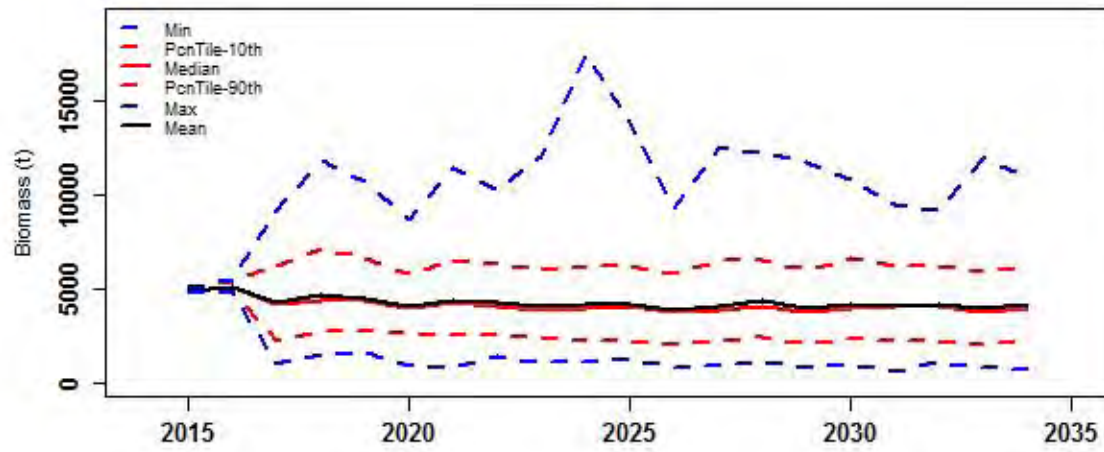


Actual CPUE of TVH

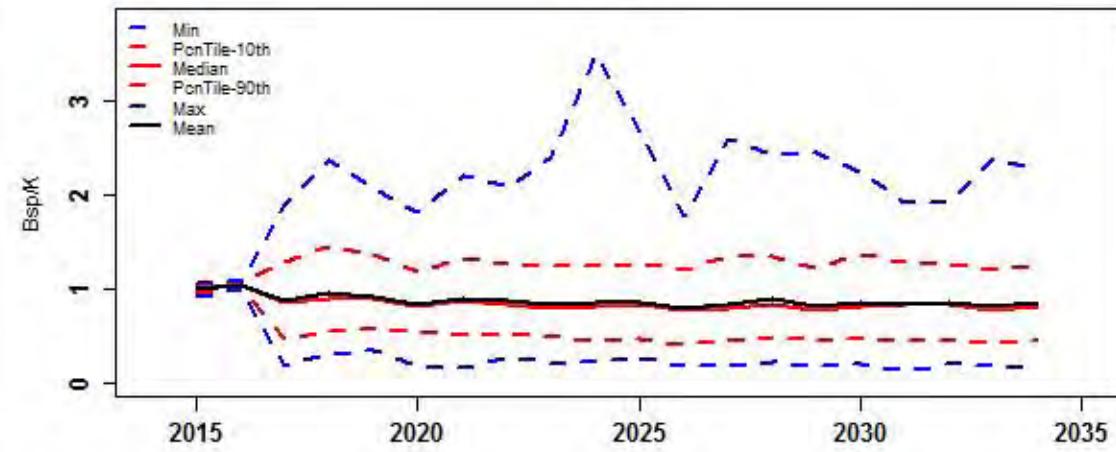


Bsp**Bsp_K****Bsp_BspNoFishing****F.mal****ActlCPUE.TIB****ActlCPUE.TVH**

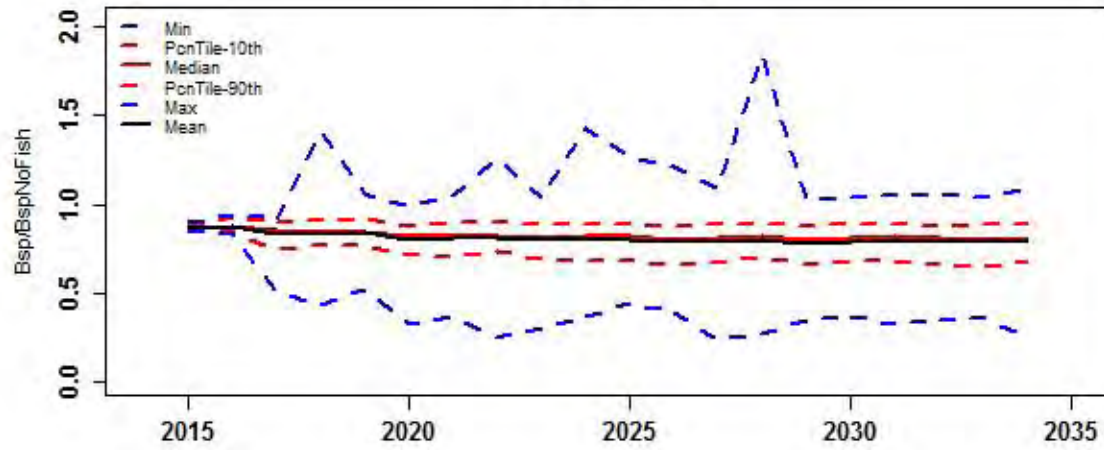
Bsp



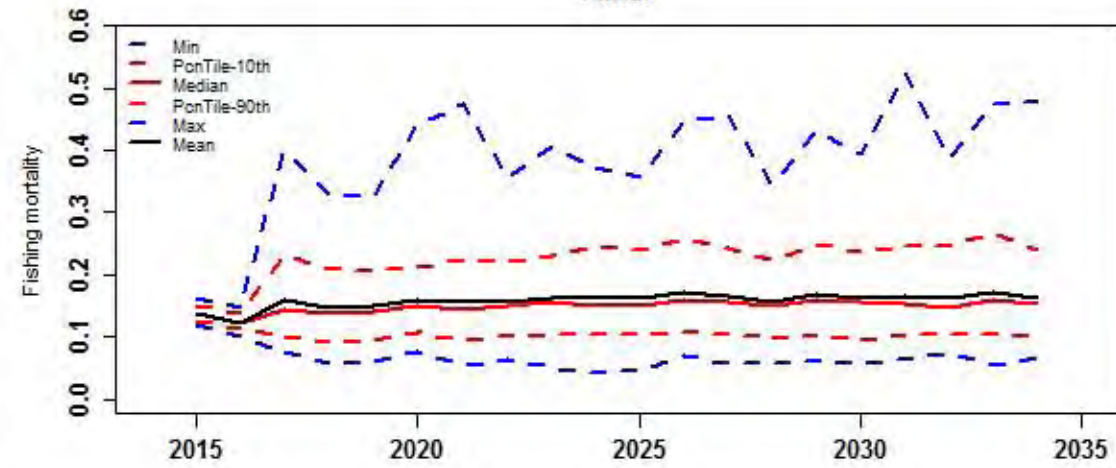
Bsp_K



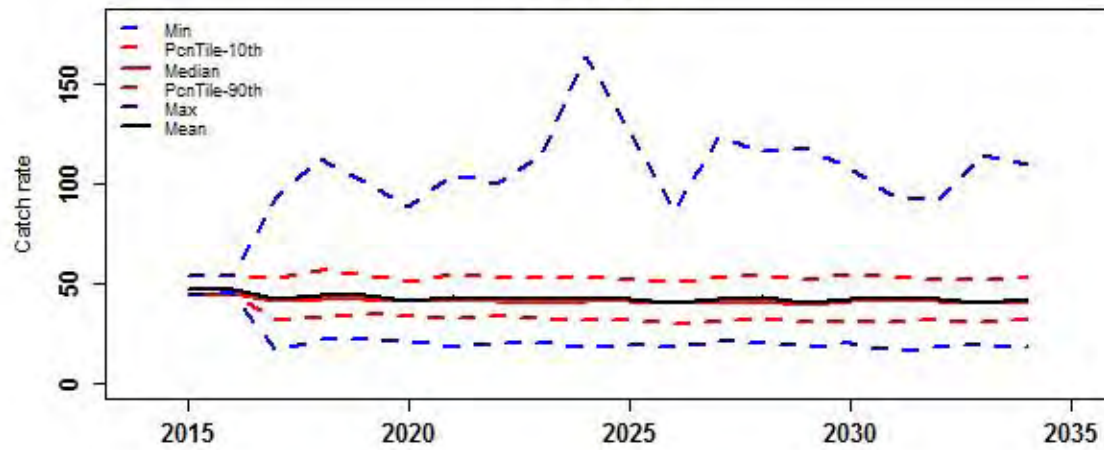
Bsp_BspNoFishing



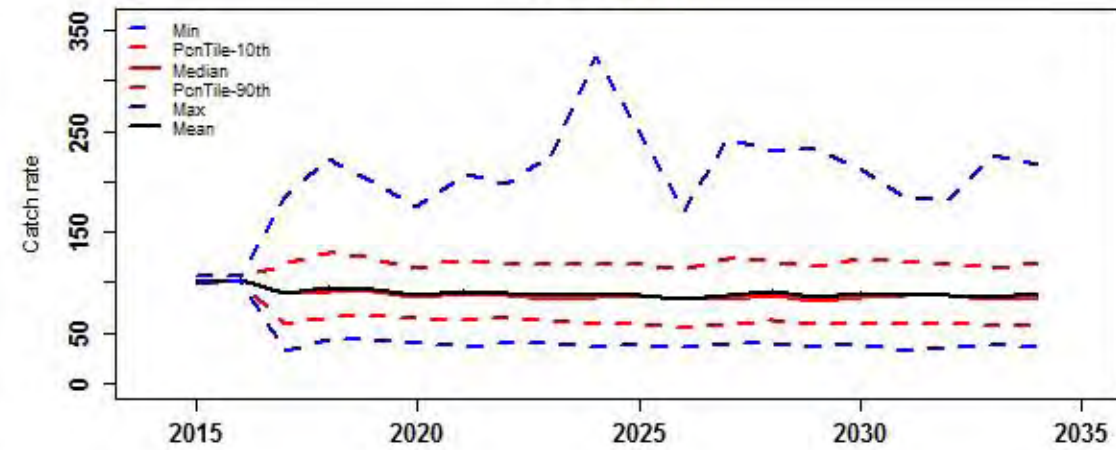
F.mal



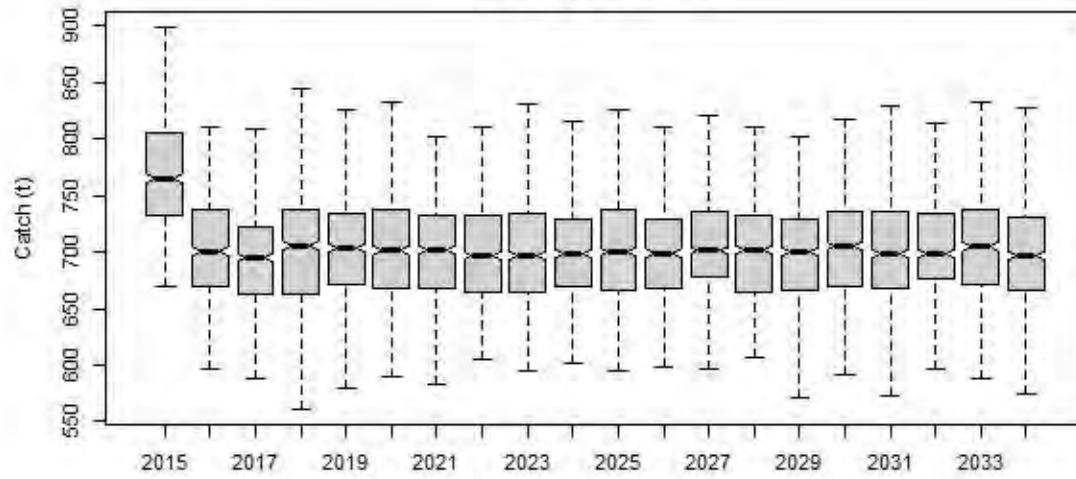
ActlCPUE.TIB



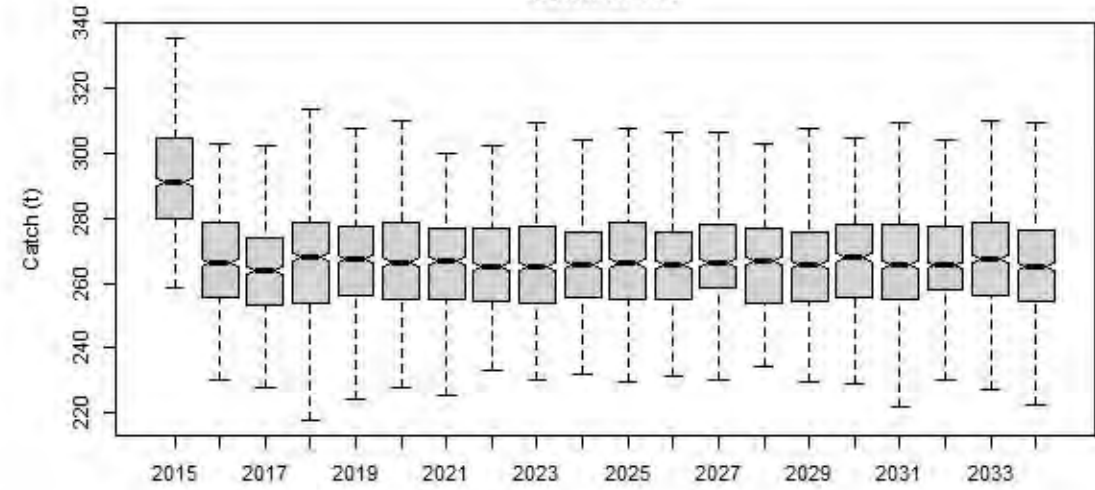
ActlCPUE.TVH



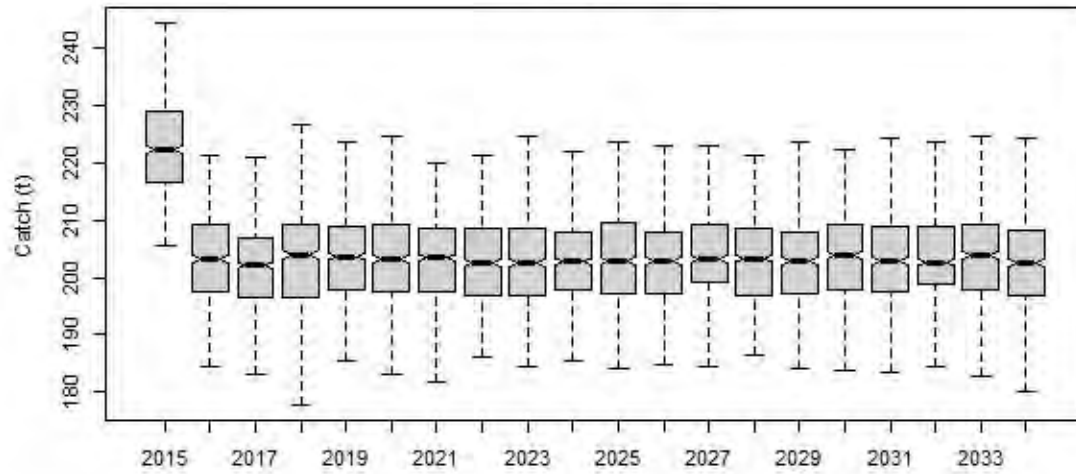
Catch of all sectors



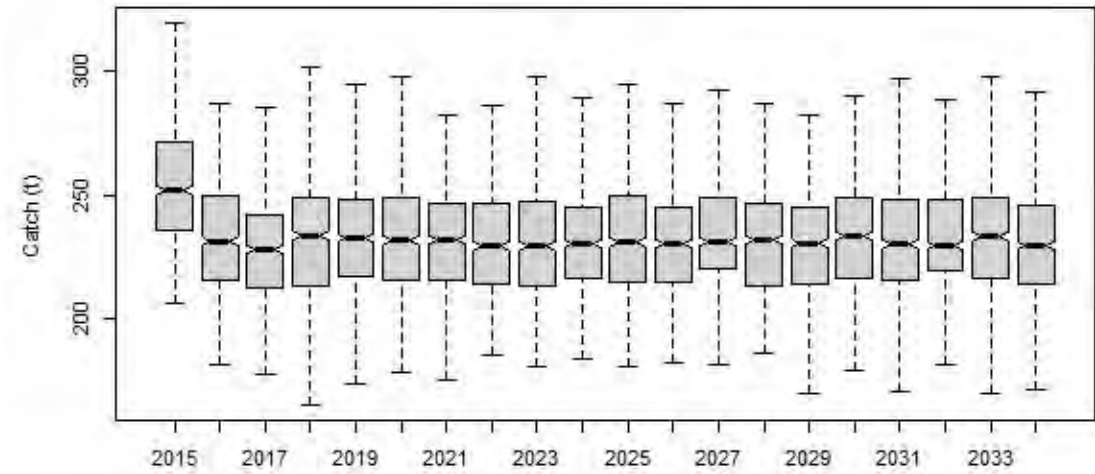
Catch of TIB



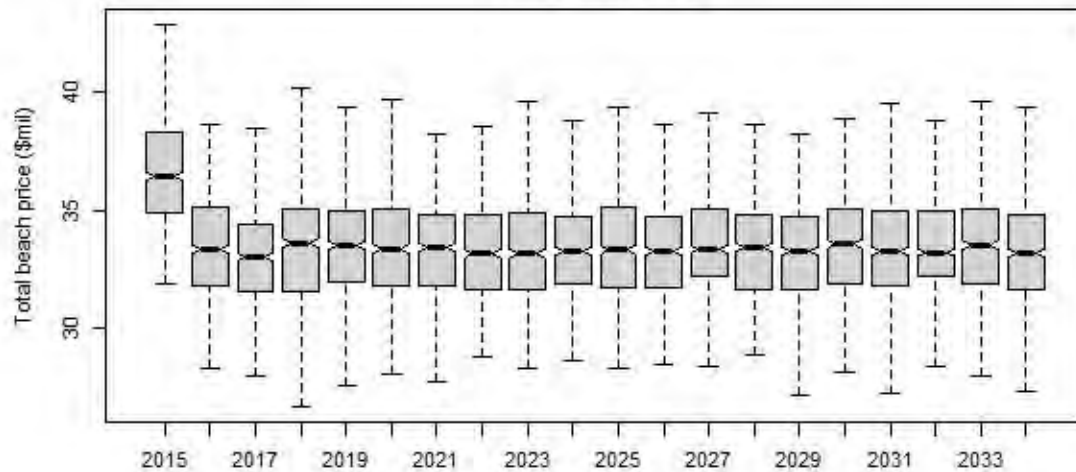
Catch of TVH



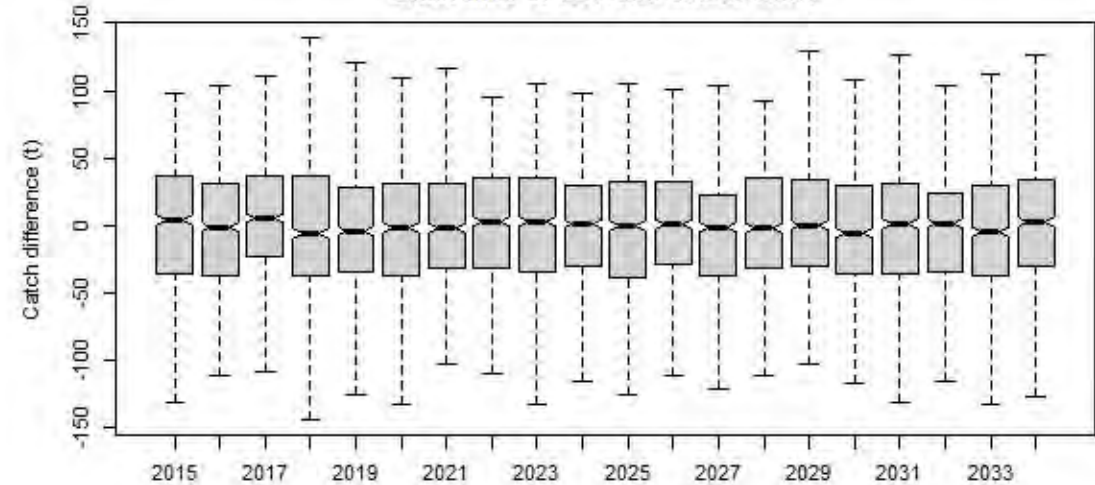
Catch of PNG



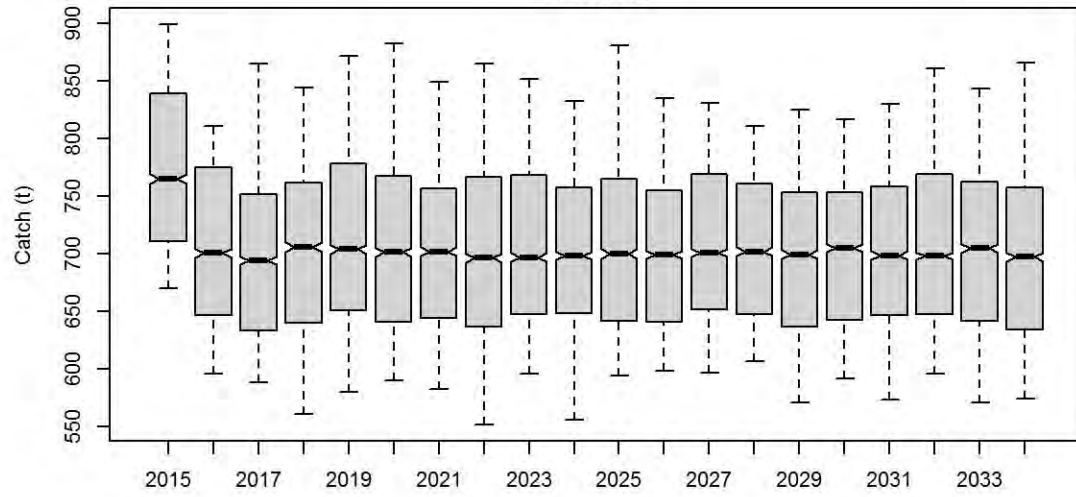
Total beach price



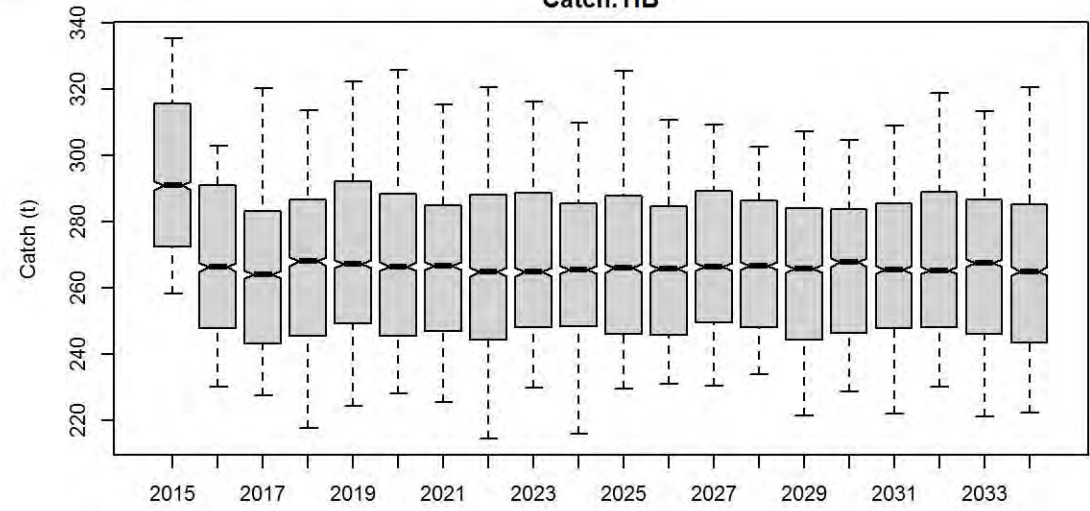
Difference of TAC and actual catch



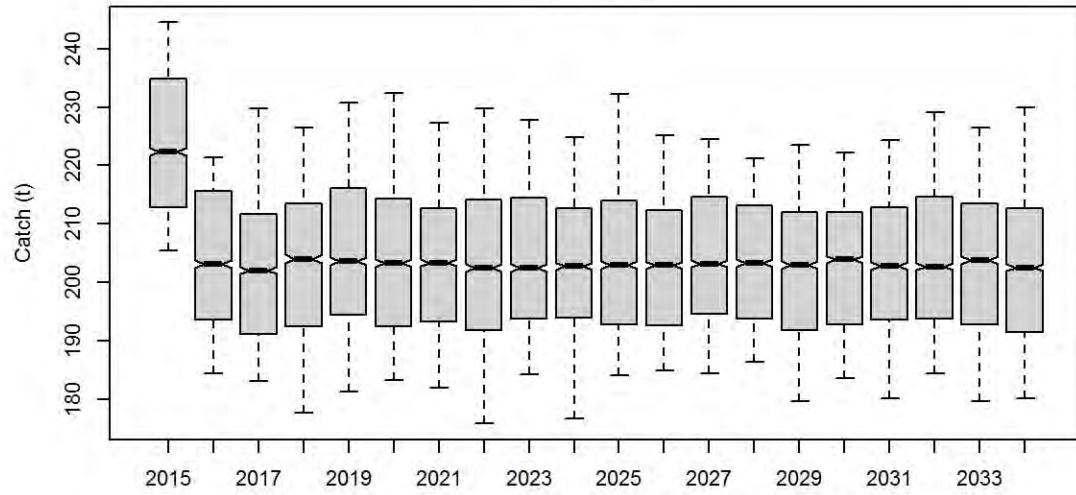
Catch.all



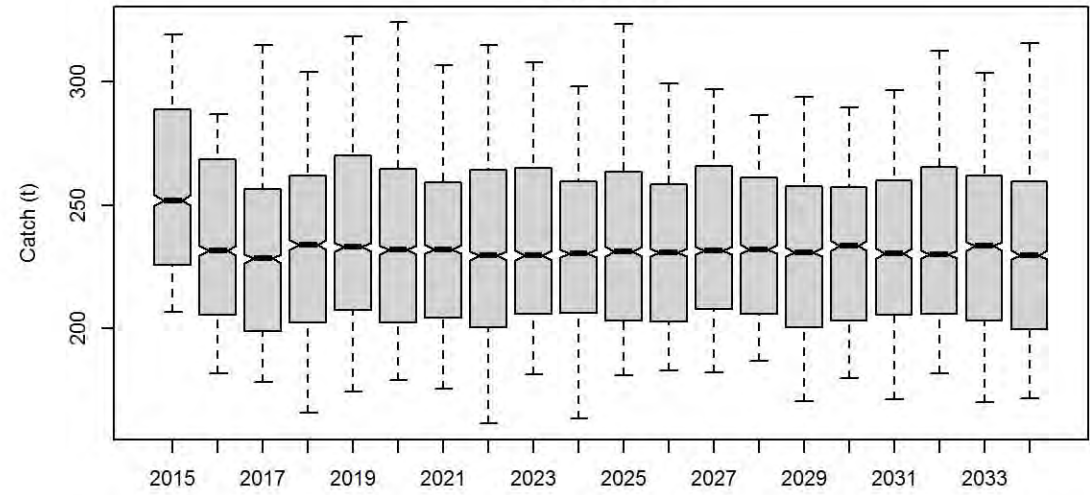
Catch.TIB



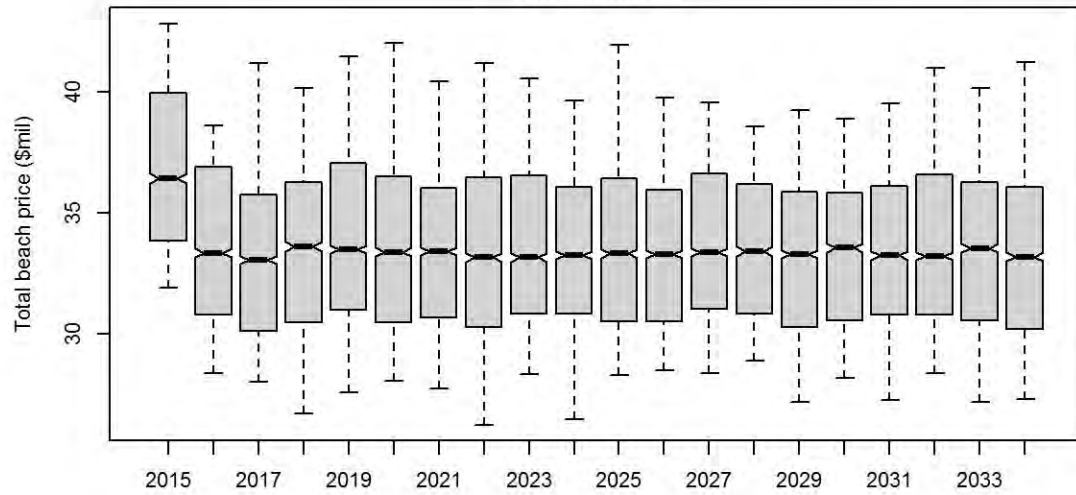
Catch.TVH



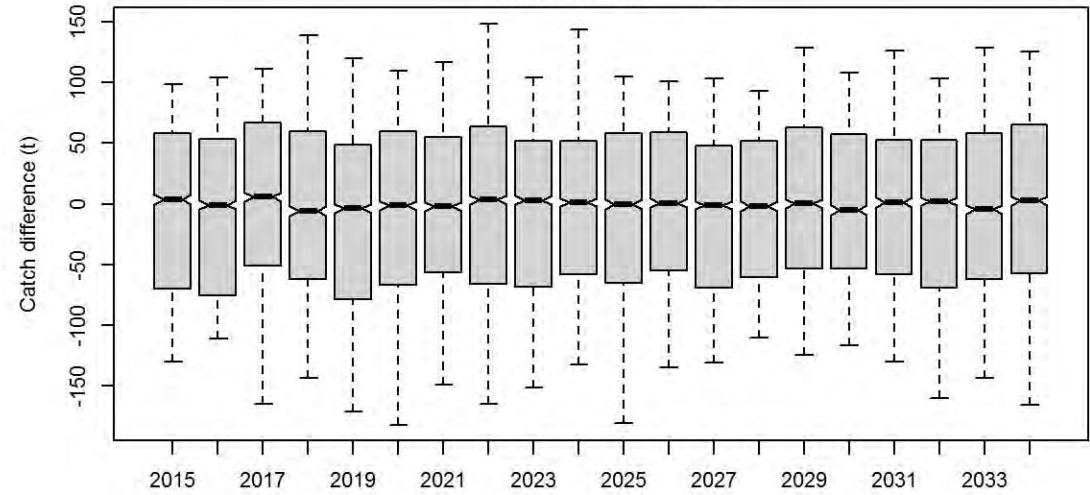
Catch.PNG



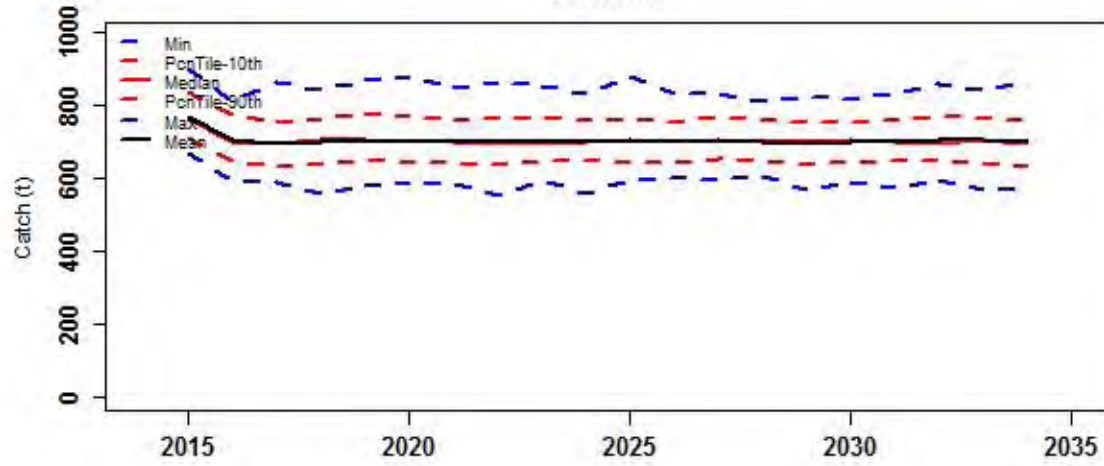
TotBeachPrice



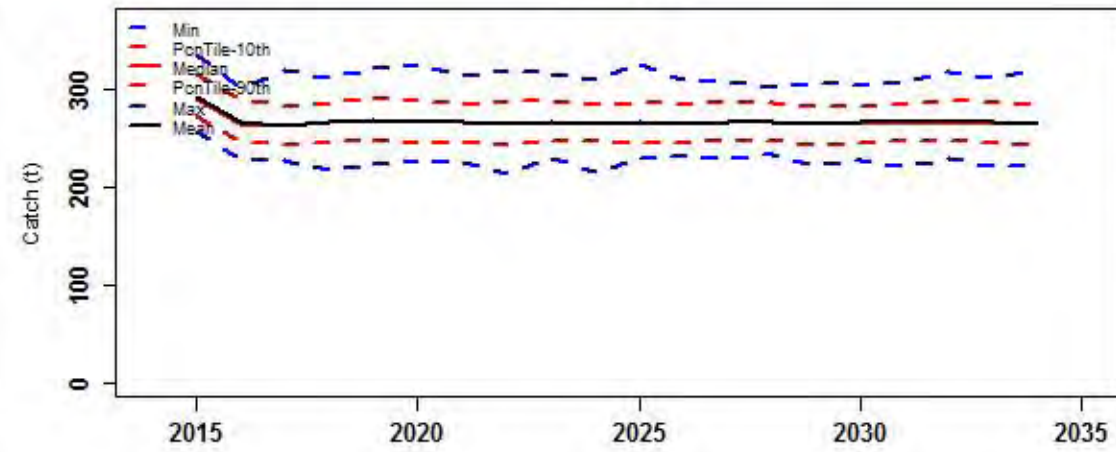
Diff.TAC.actlCatch



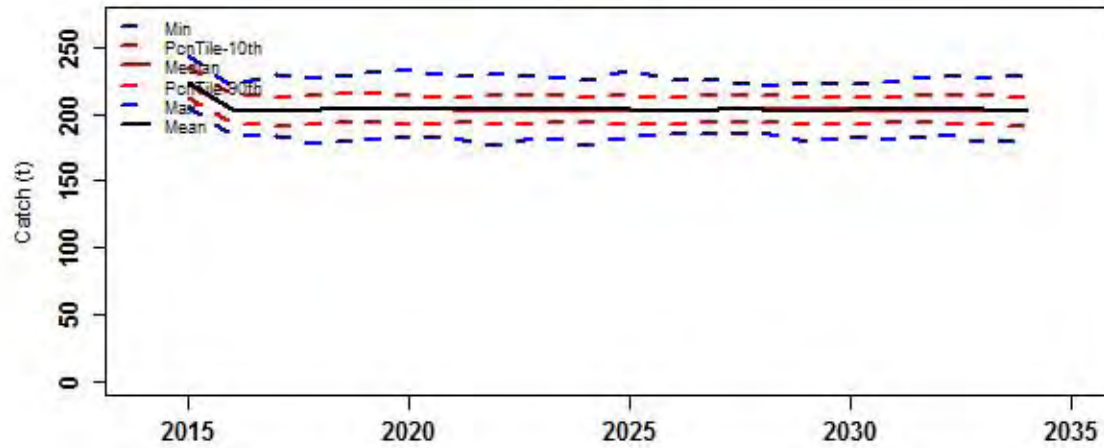
Catch.all



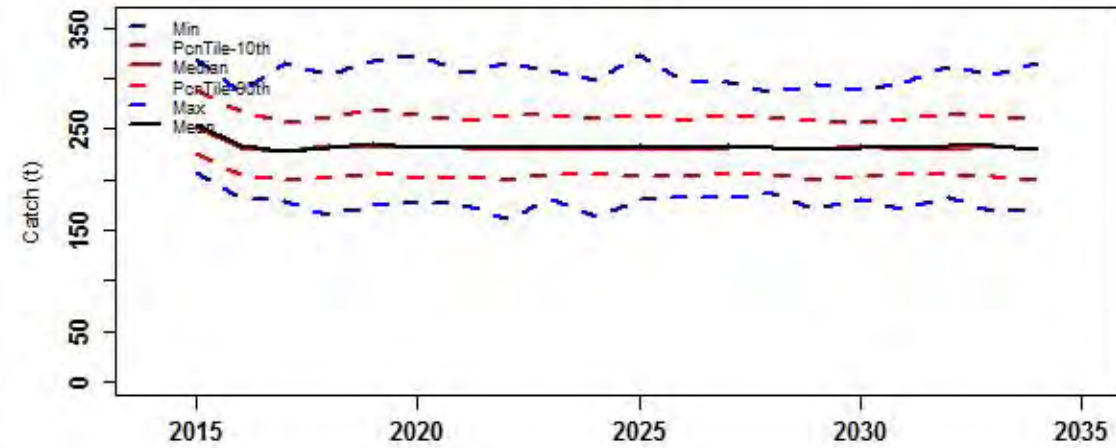
Catch.TIB



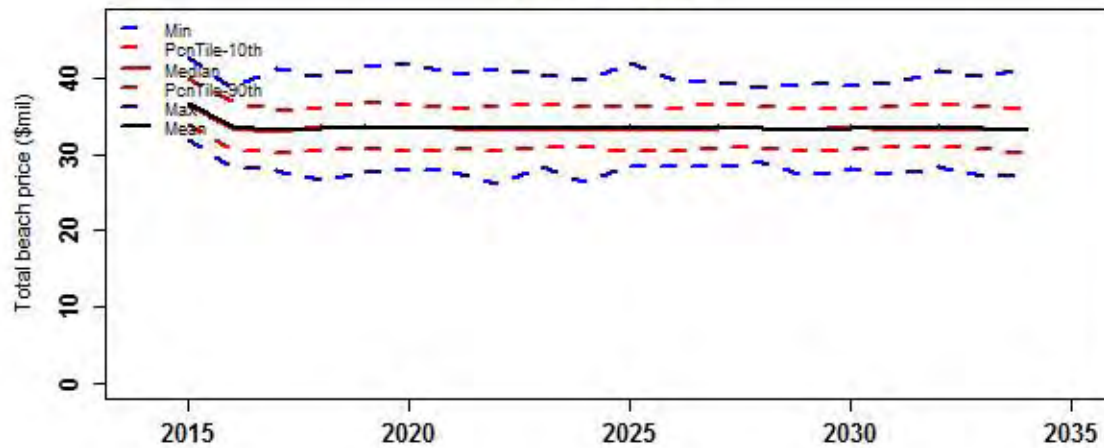
Catch.TVH



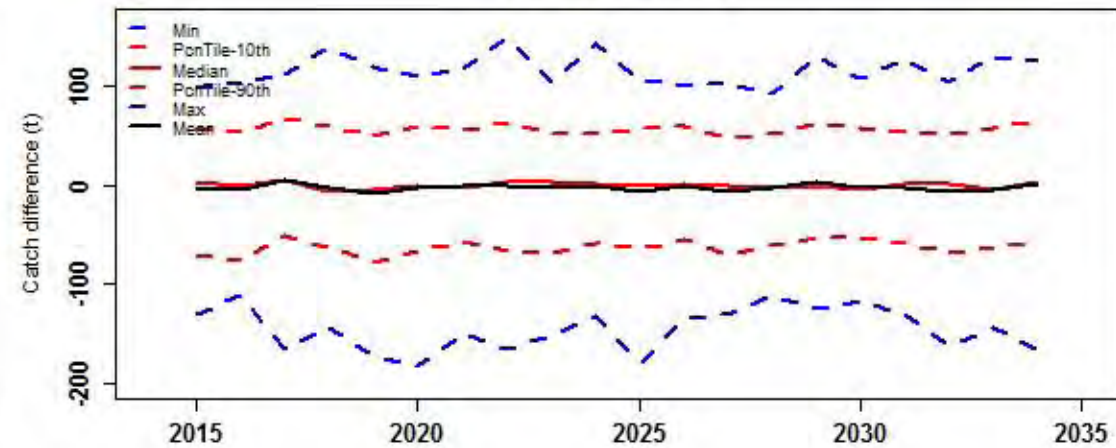
Catch.PNG



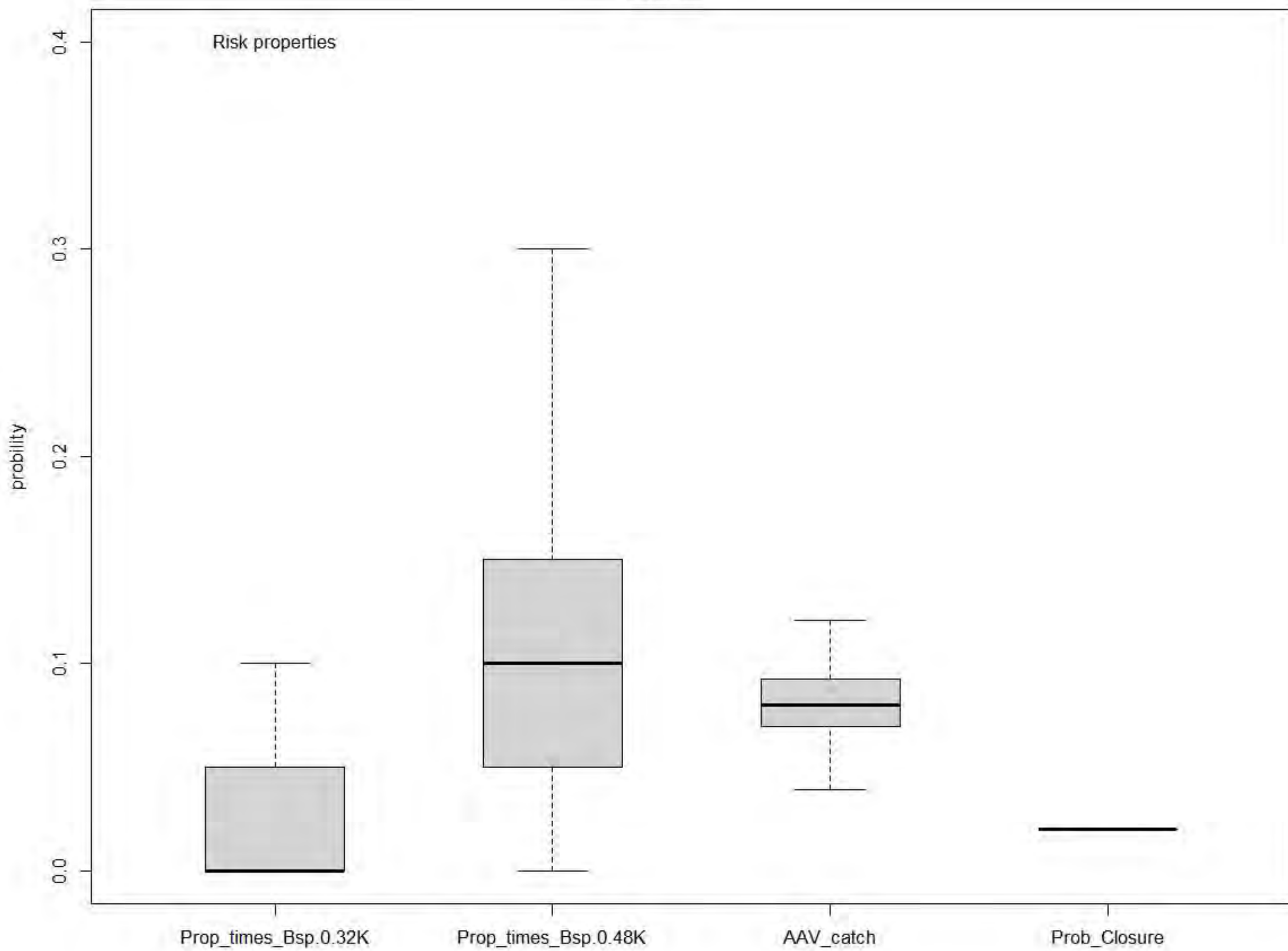
TotBeachPrice



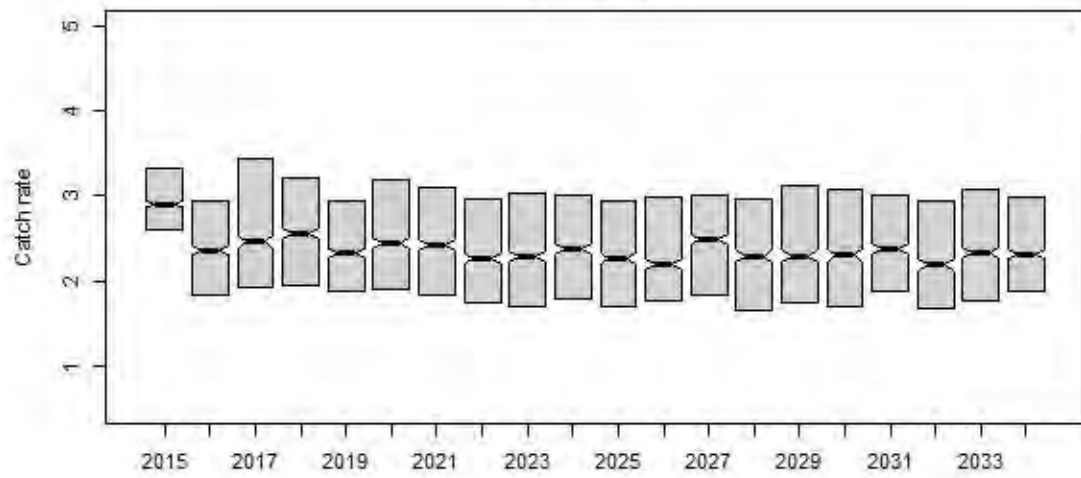
Diff.TAC.actlCatch



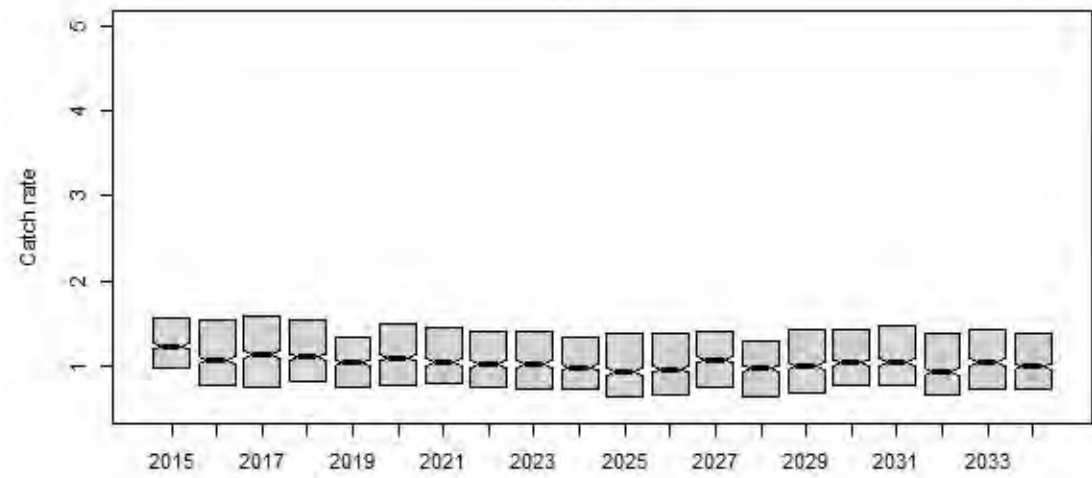
Risk properties



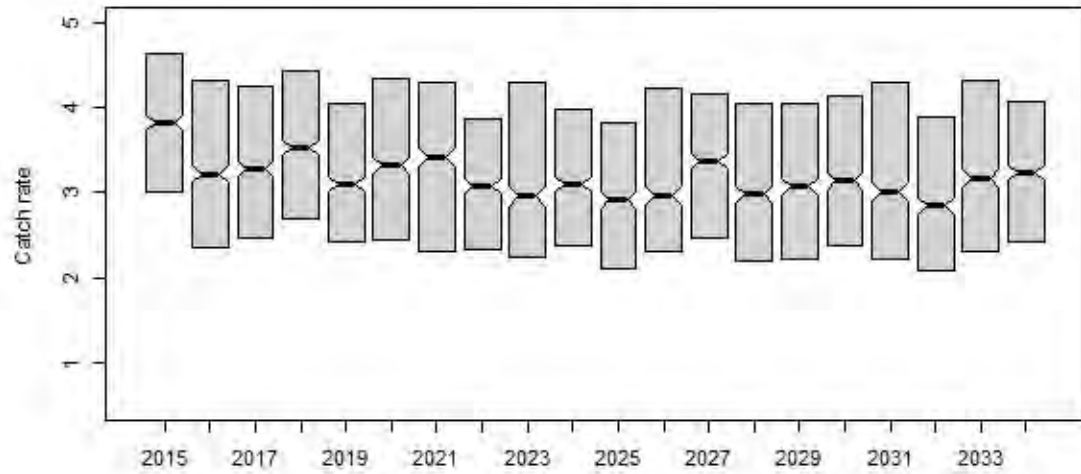
Preseas1



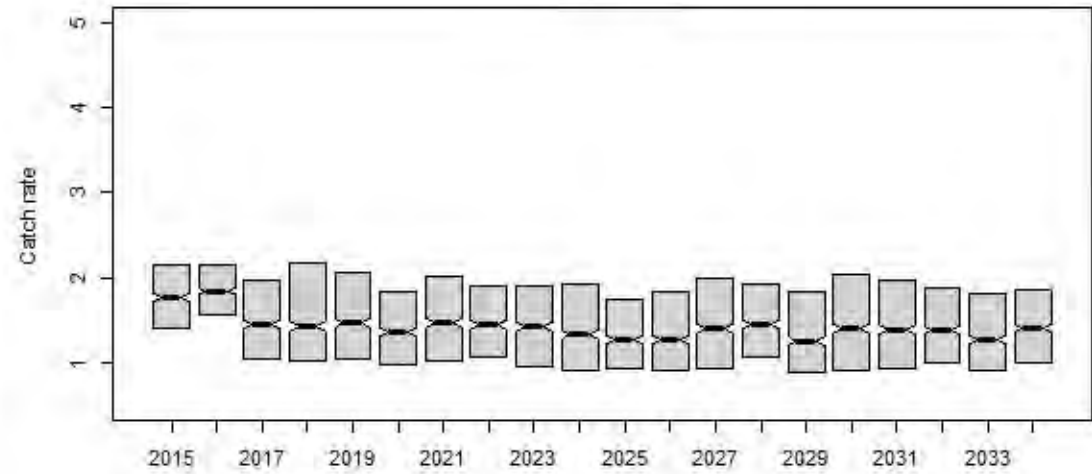
Preseas0



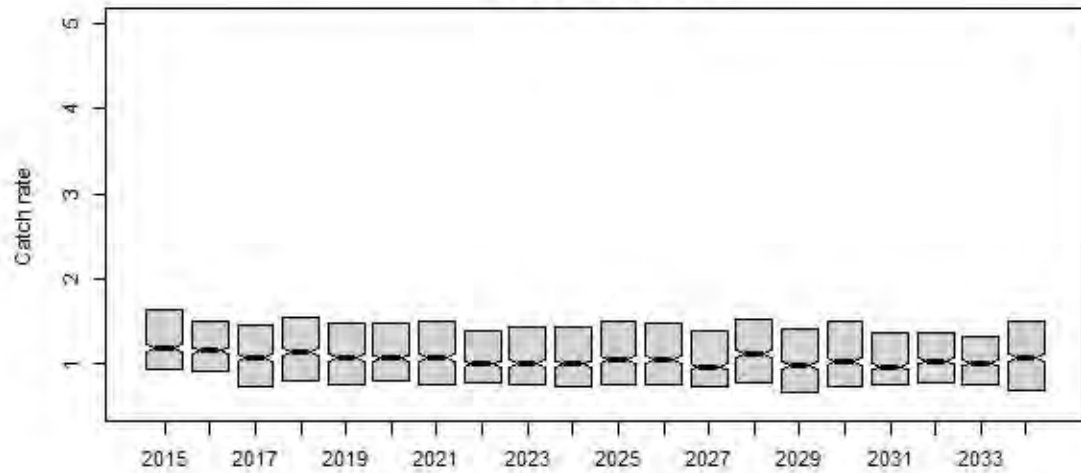
Midsurv1



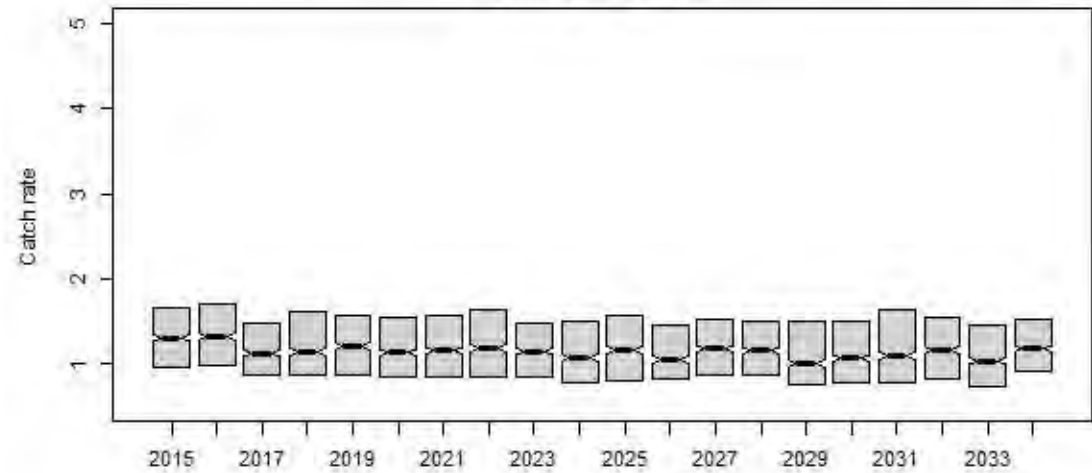
Midsurv2



Future_CPUE_TVH

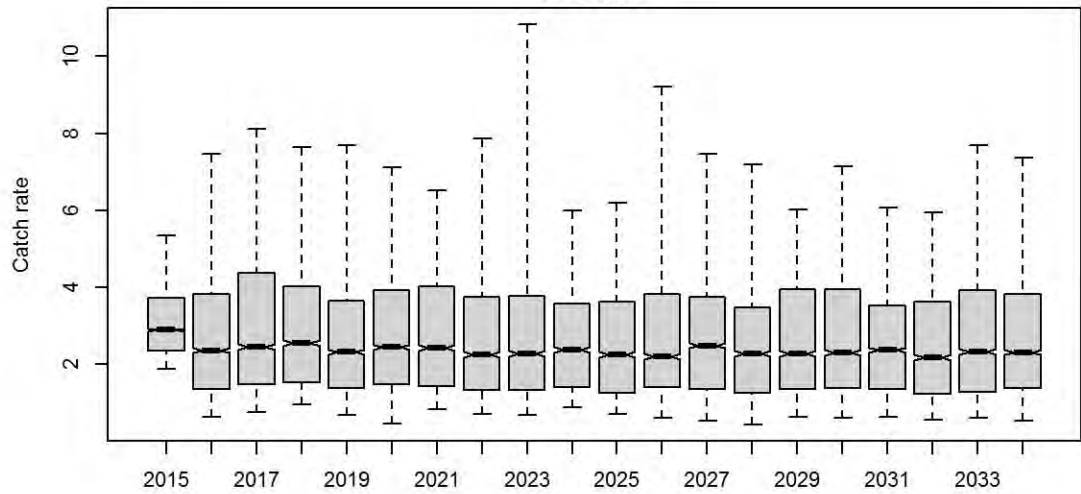


Future_CPUE_TIB

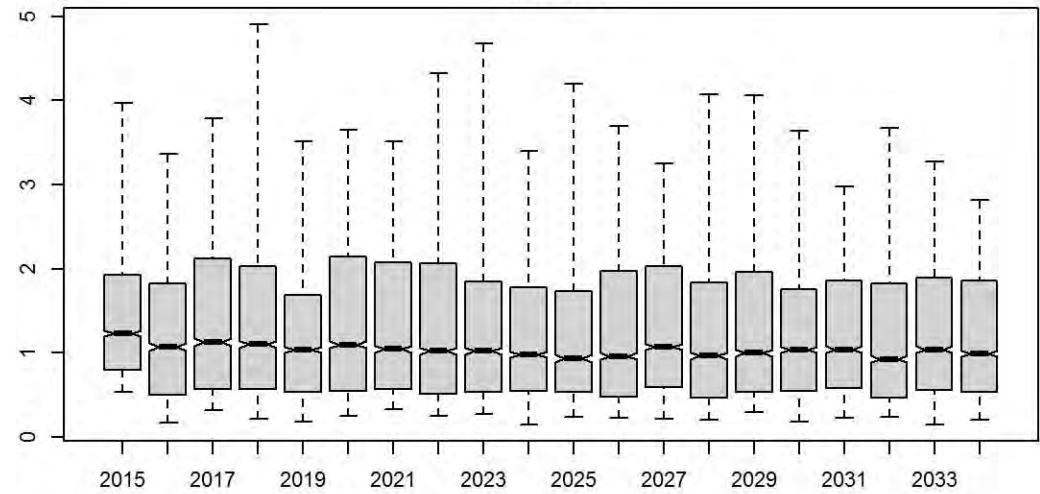


rHCR12

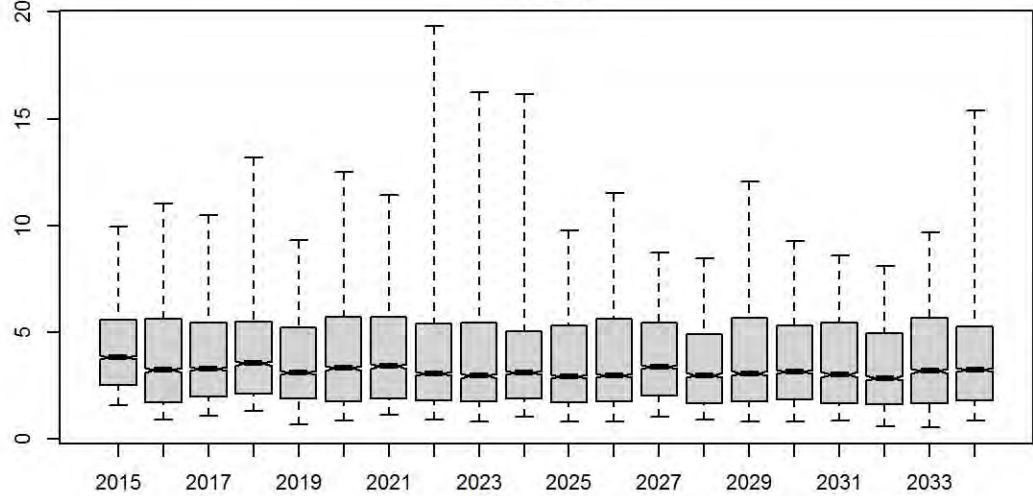
Preseas1



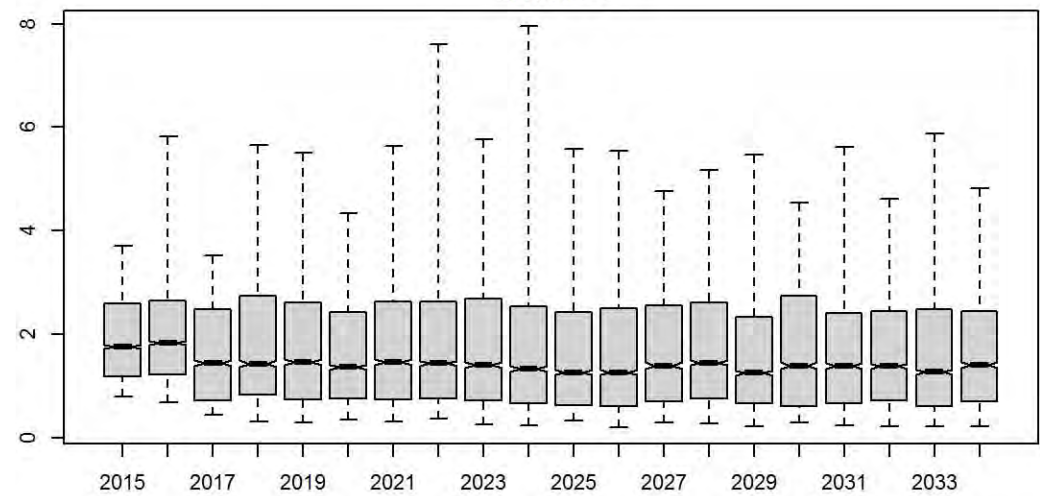
Preseas0



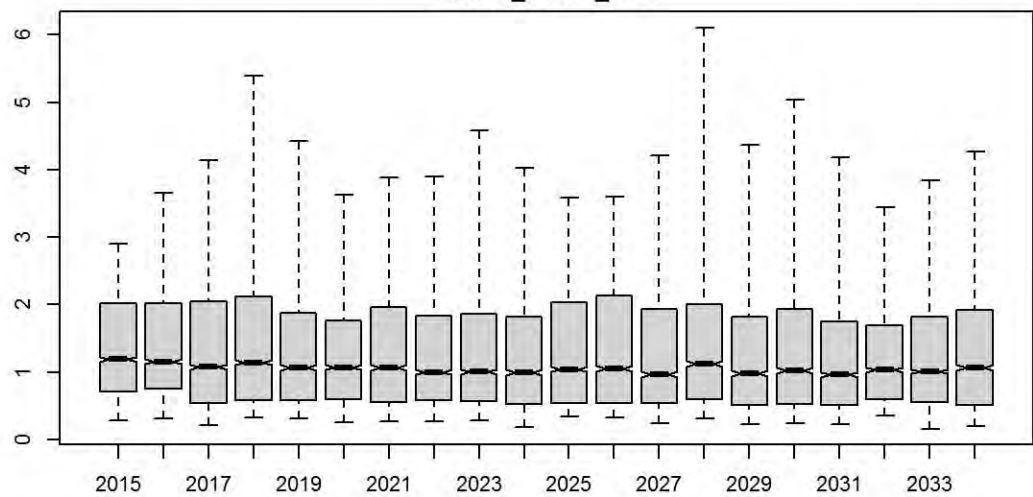
Midsurv1



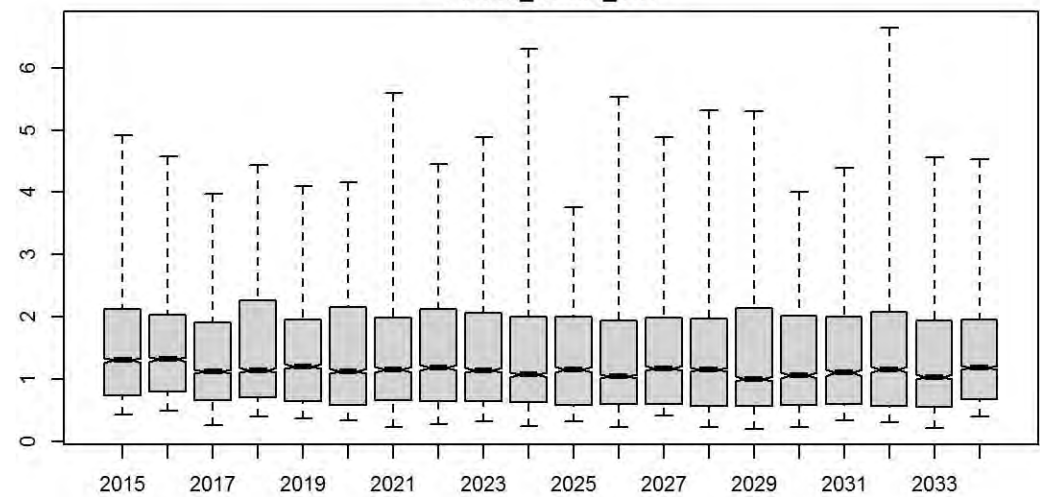
Midsurv2



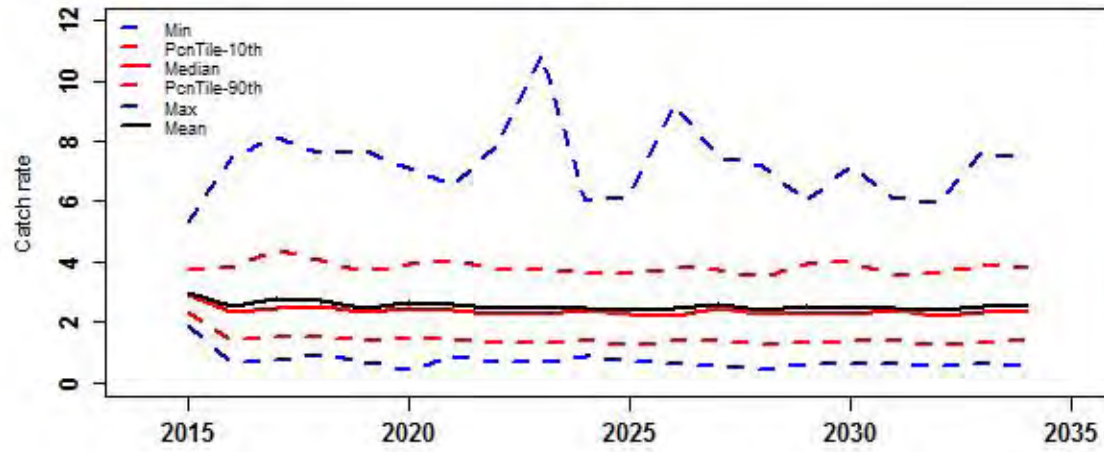
Future_CPUE_TVH



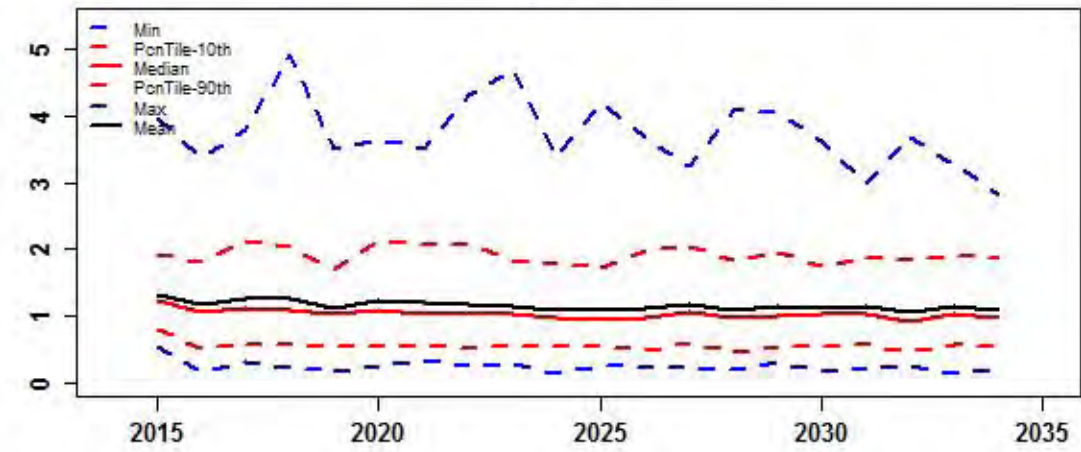
Future_CPUE_TIB



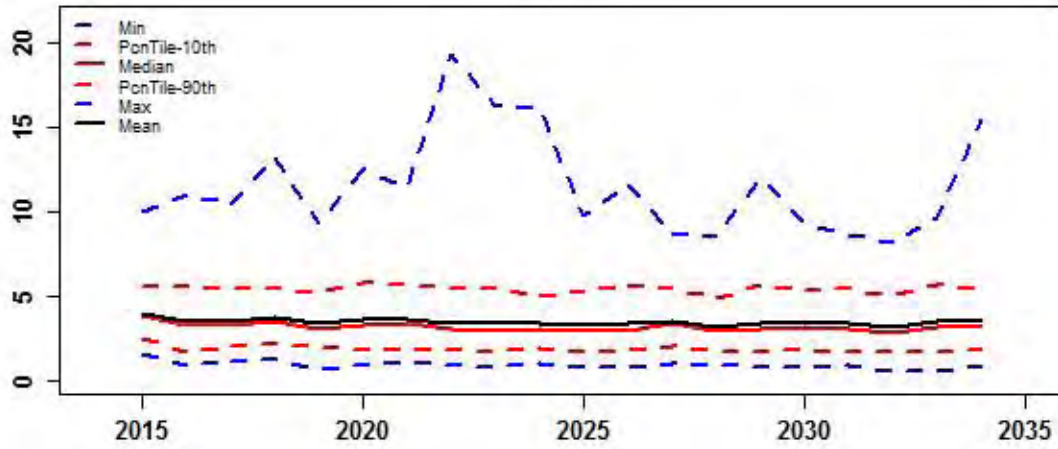
Preseas1



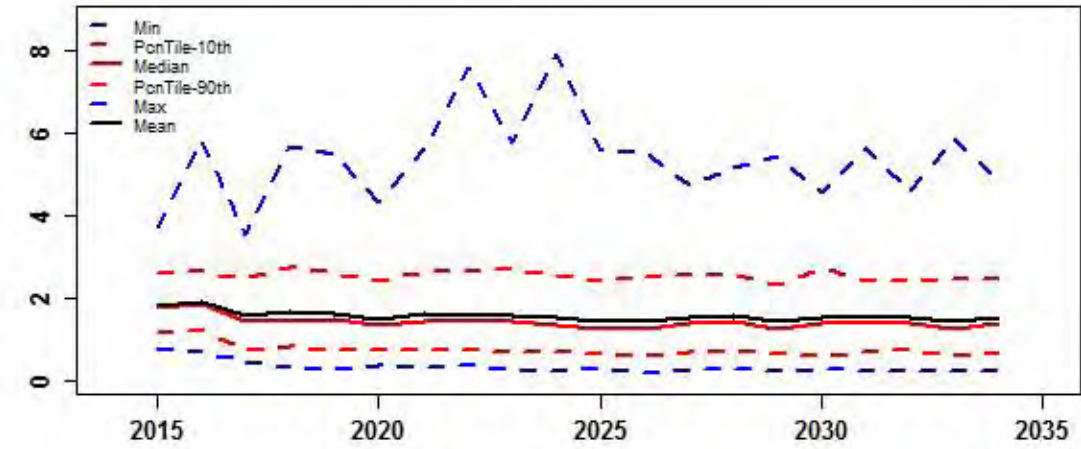
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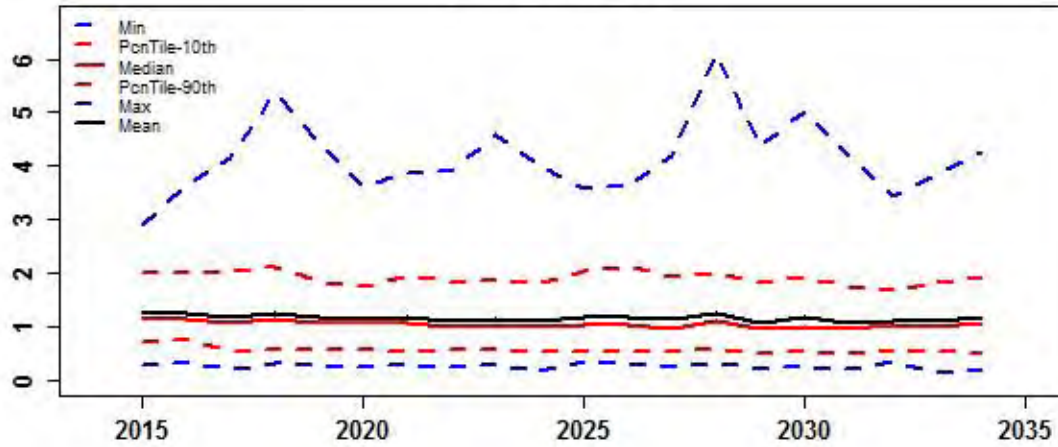
Midsurv1



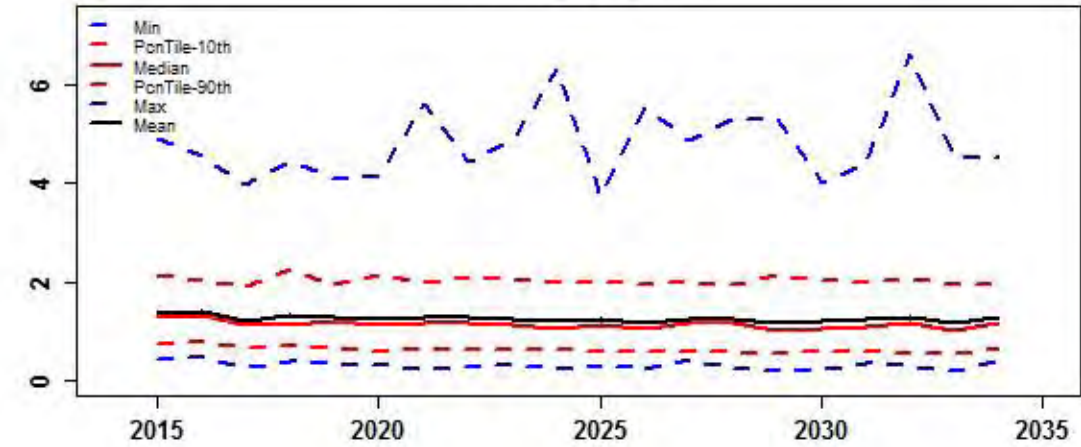
Midsurv2



Future_CPUE_TVH



Future_CPUE_TIB



2017

