

# Georges Bank Yellowtail Flounder

TRAC Industry/Science Data Exchange

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New Bedford, MA

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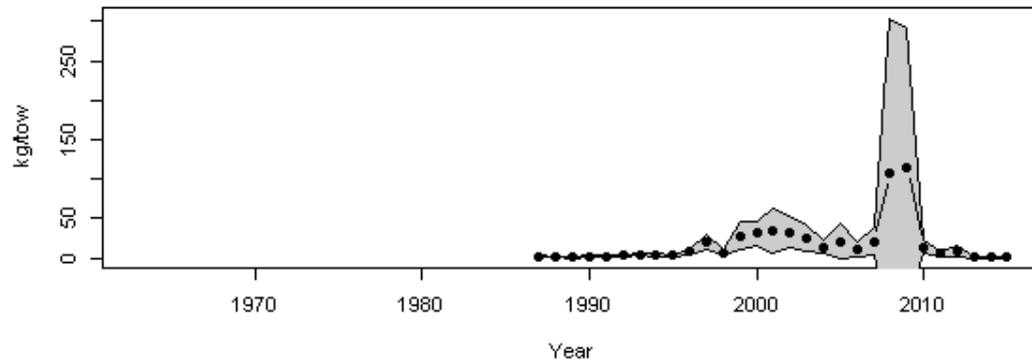
# Bottom Line

359 mt

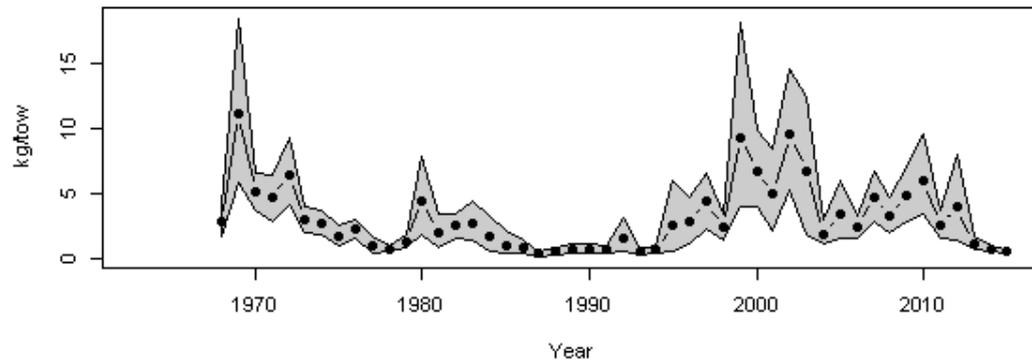
# Empirical Approach

Year	DFO	Spring	Fall (year-1)		Avg (mt)		Catch Advice (mt)		Catch Advice Year
2010	8233	22181	26936		19117		3059		2011
2011	3450	9557	8976		7328		1172		2012
2012	5063	14908	9793		9921		1587		2013
2013	629	4119	10065		4938		790		2014
2014	462	2684	3493		2213		354		2015
2014revised	462	2763	3493		2240		358		2015
2015	741	1891	4092		2241		359		2016

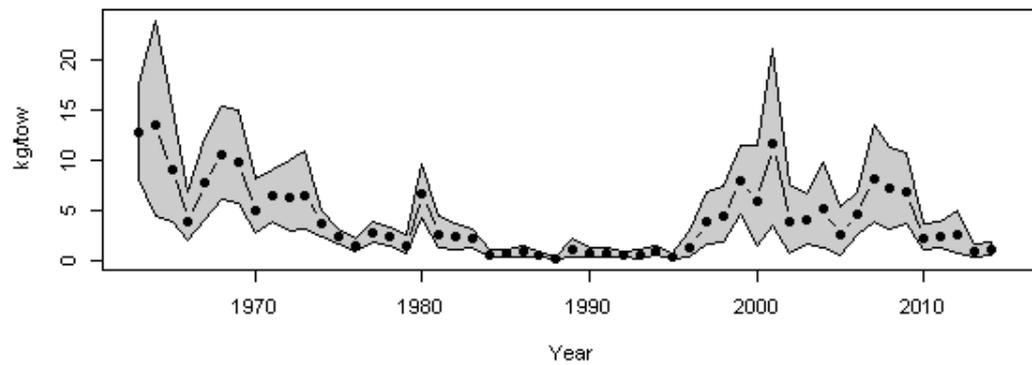
### DFO

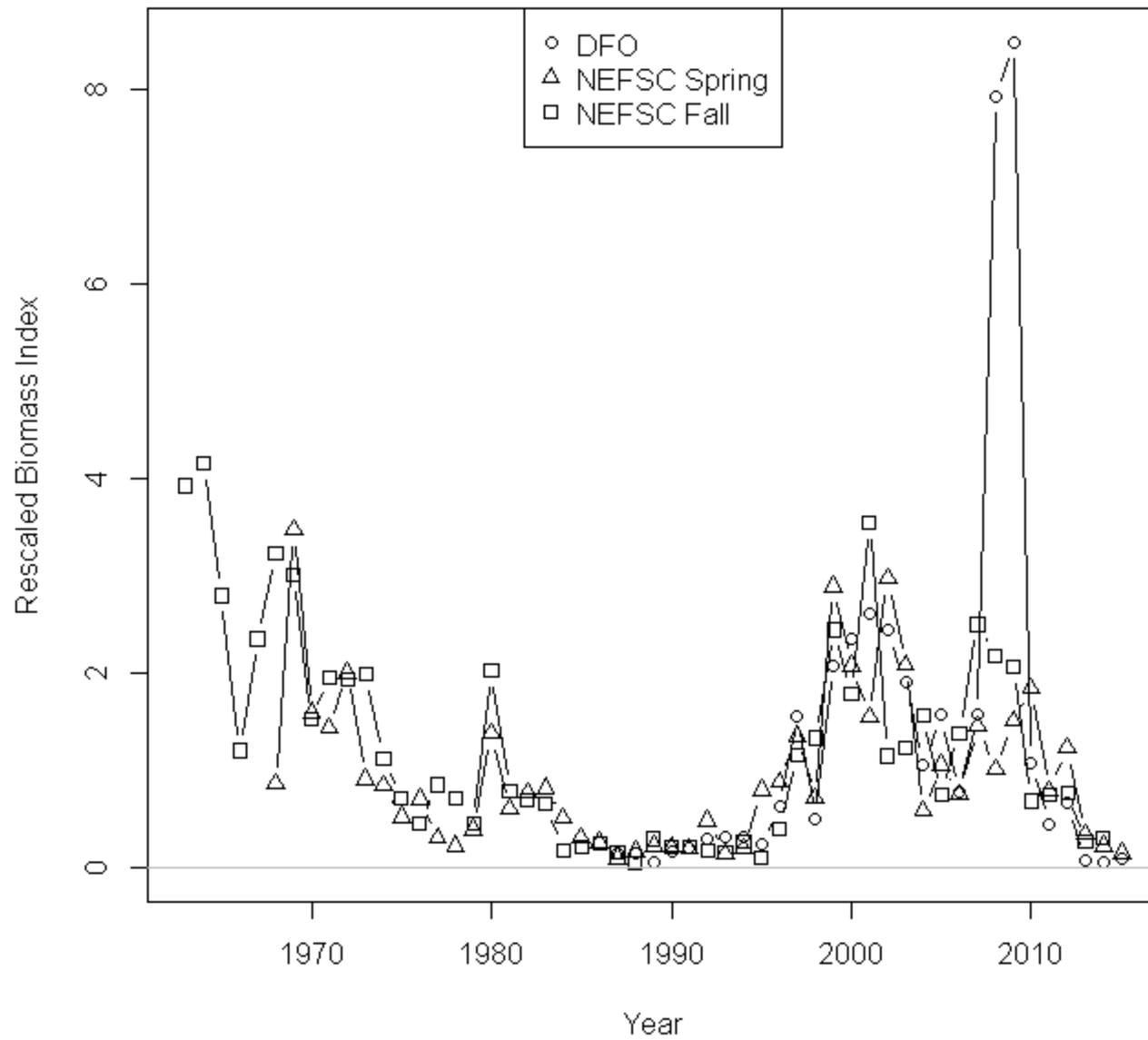


### NEFSC Spring

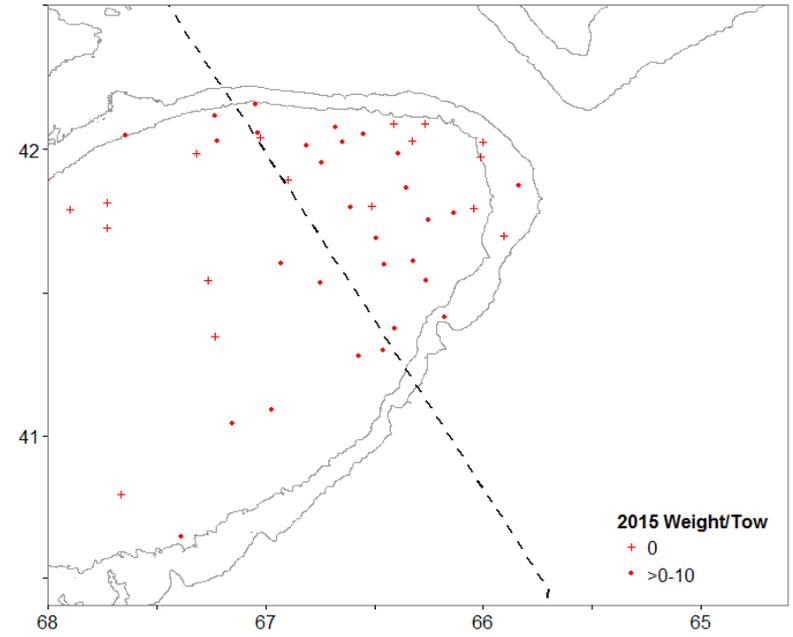
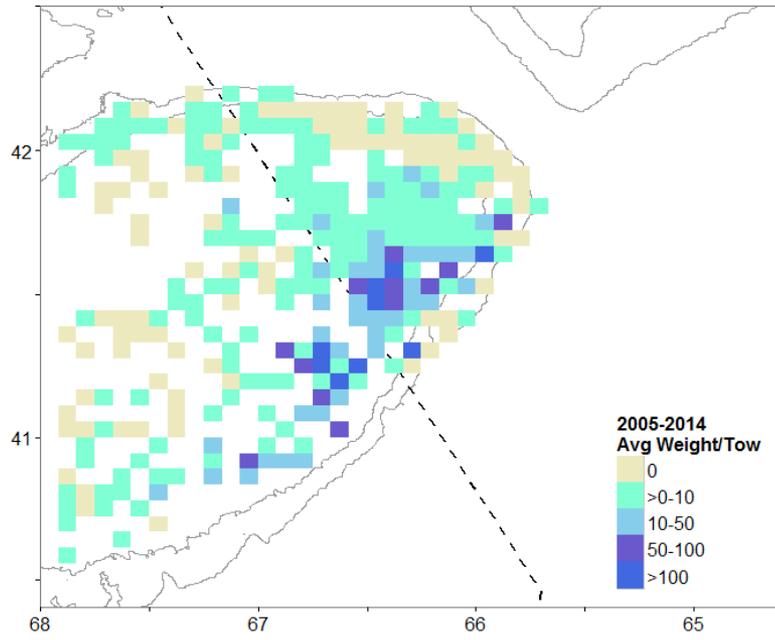


### NEFSC Fall

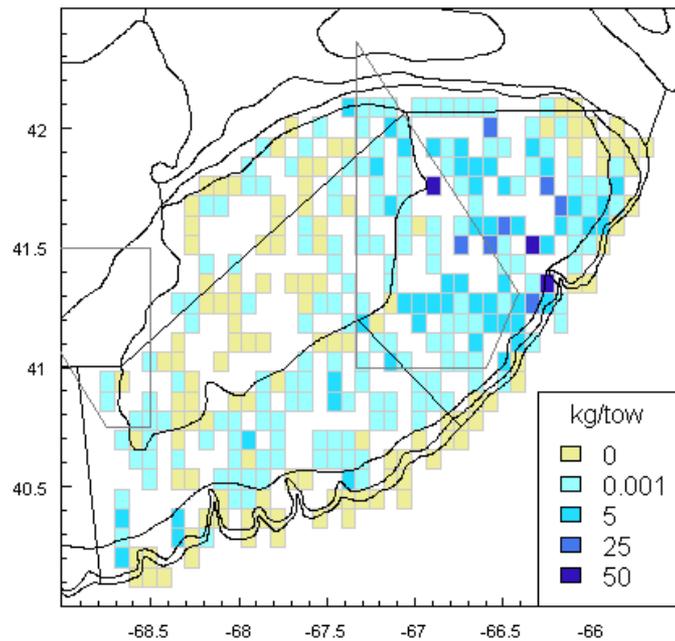




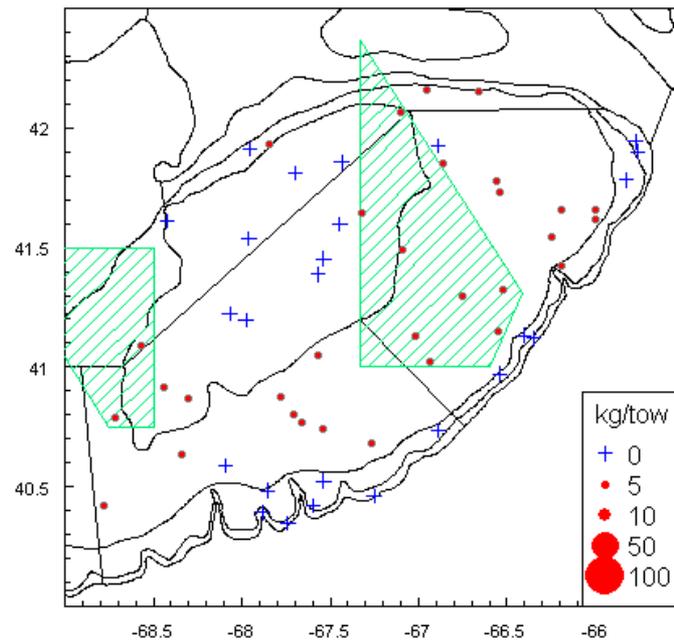
# DFO



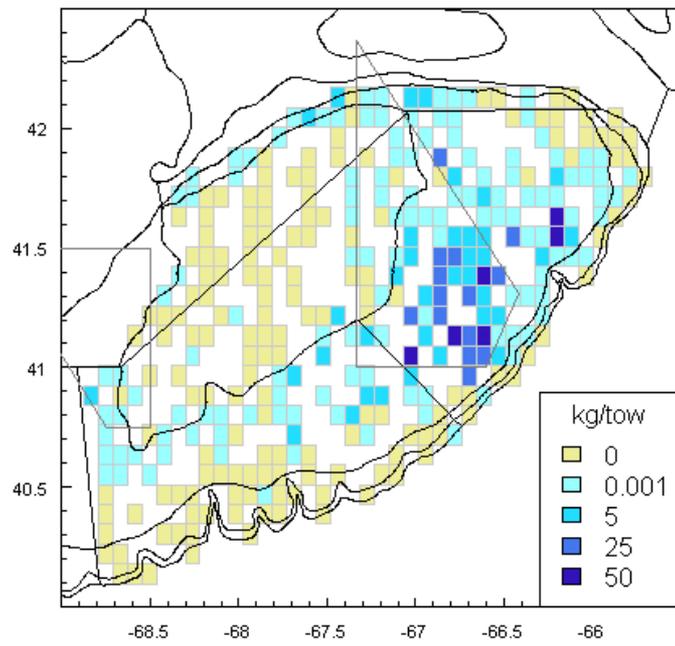
Average 2005 - 2014



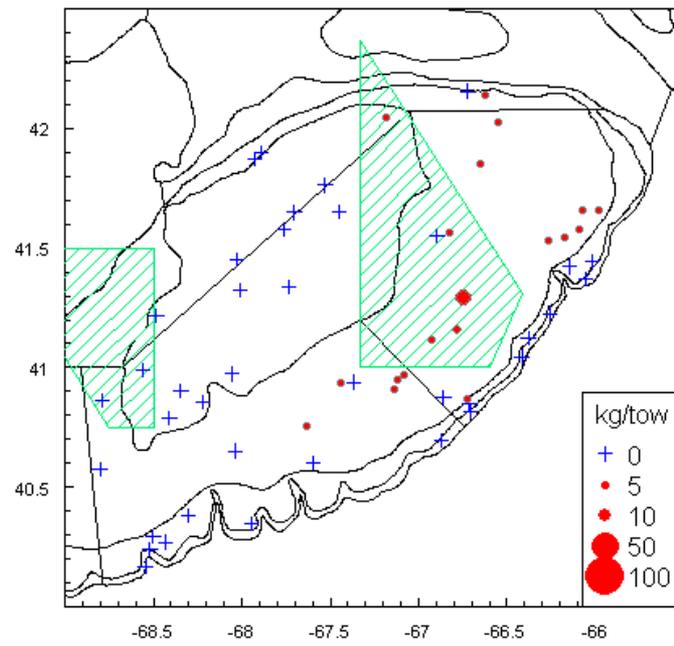
SPRING 2015

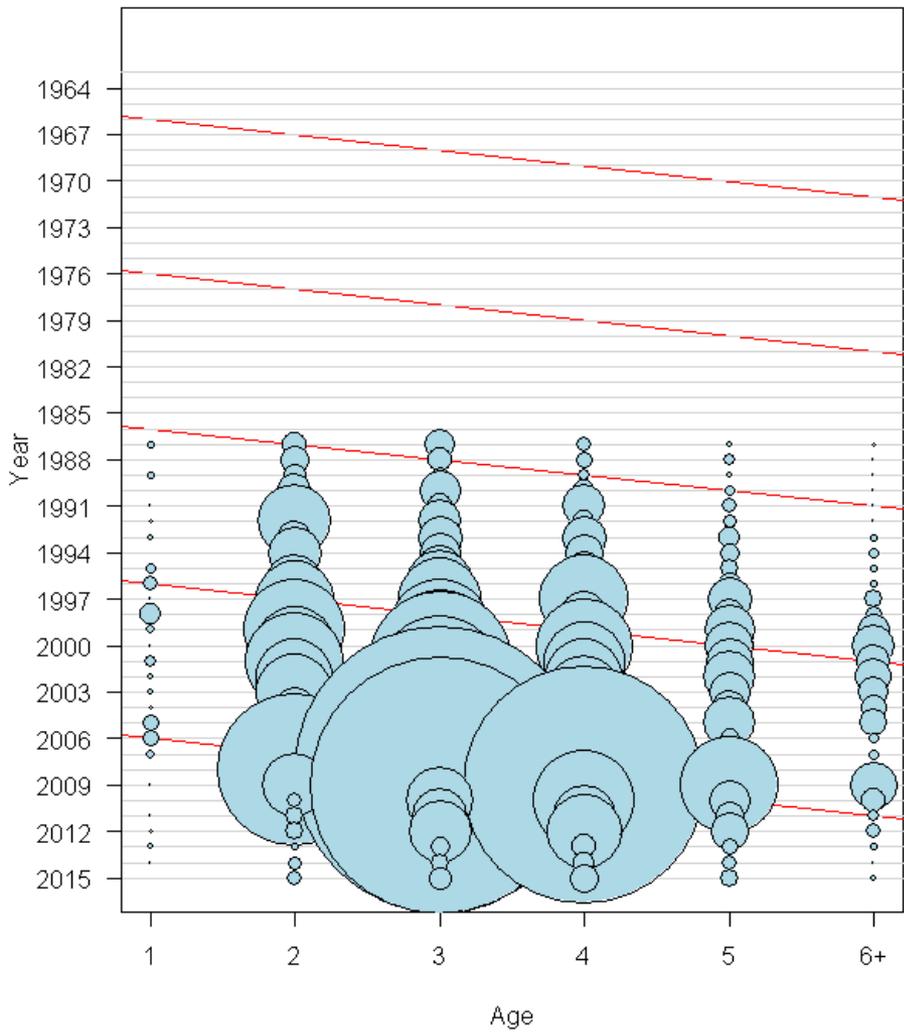
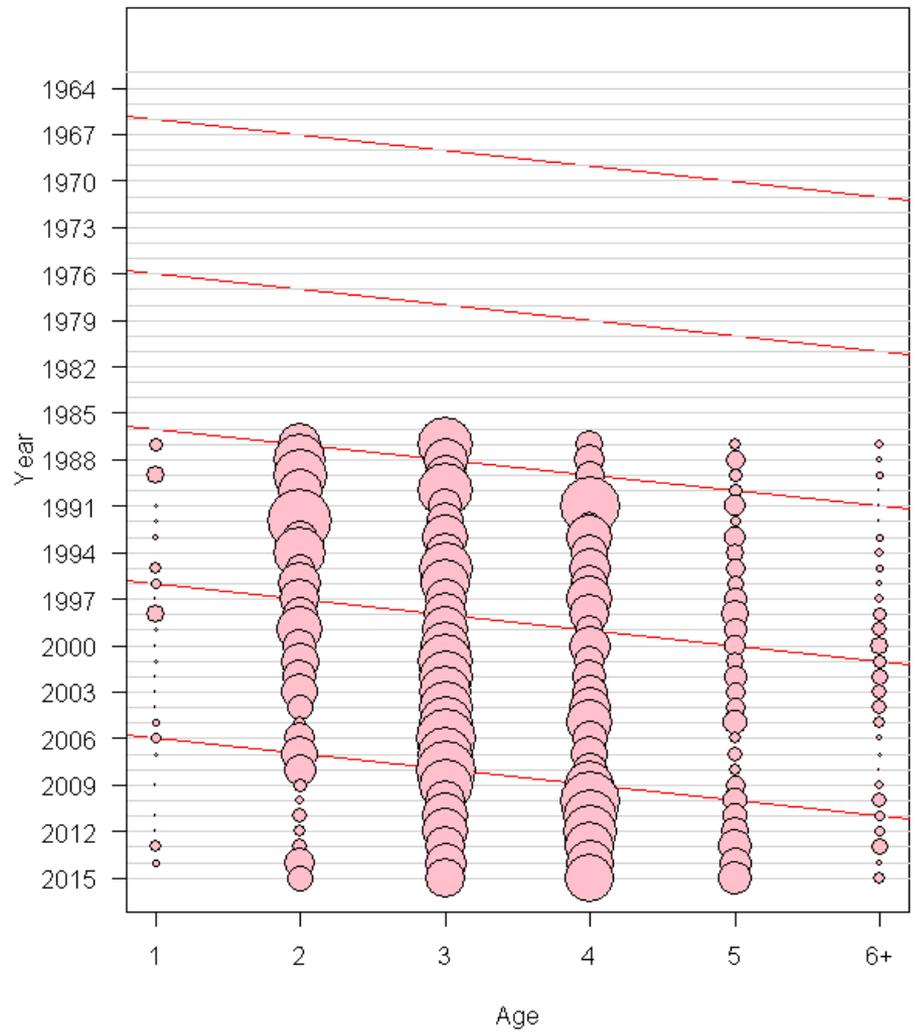


Average 2004 - 2013

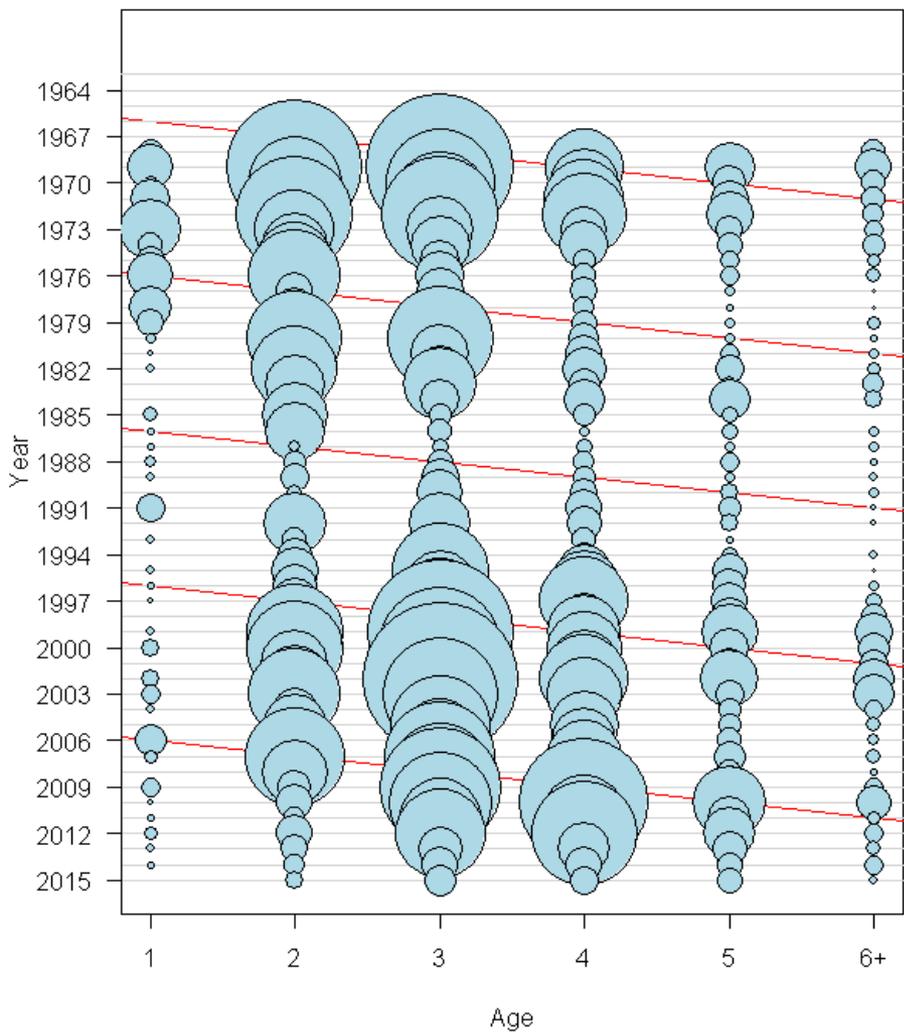


FALL 2014

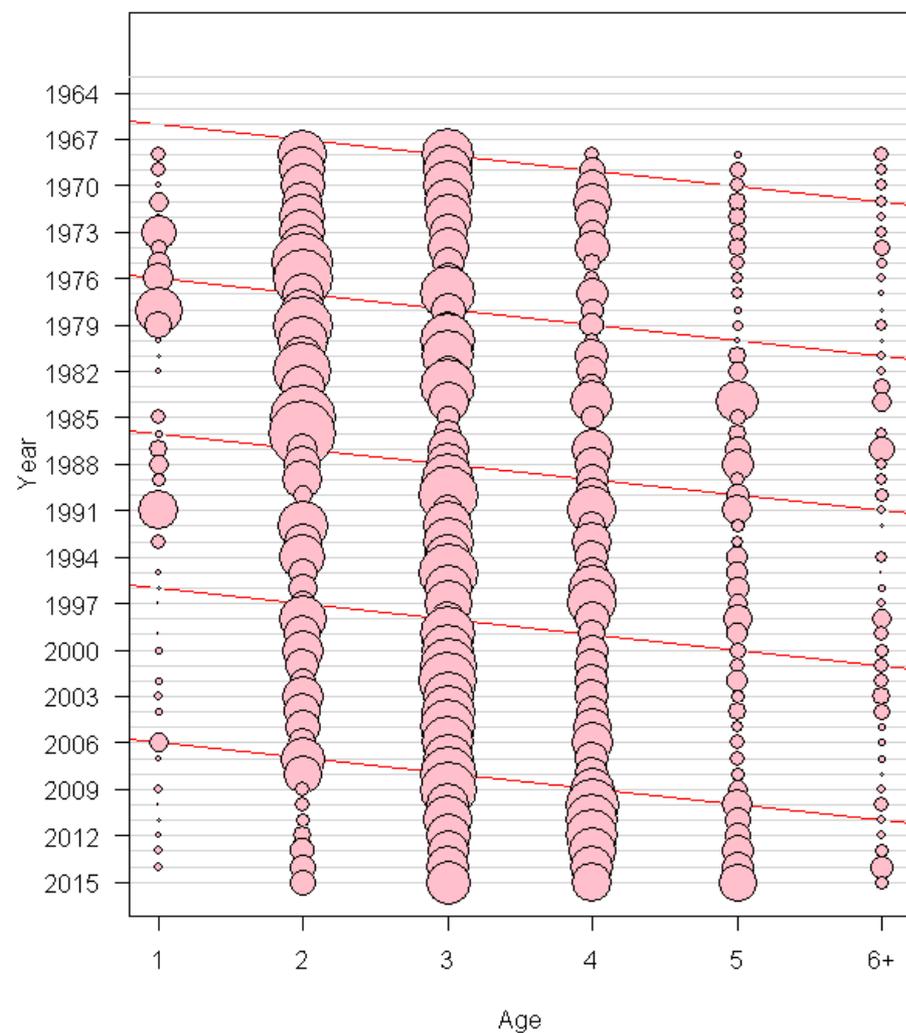


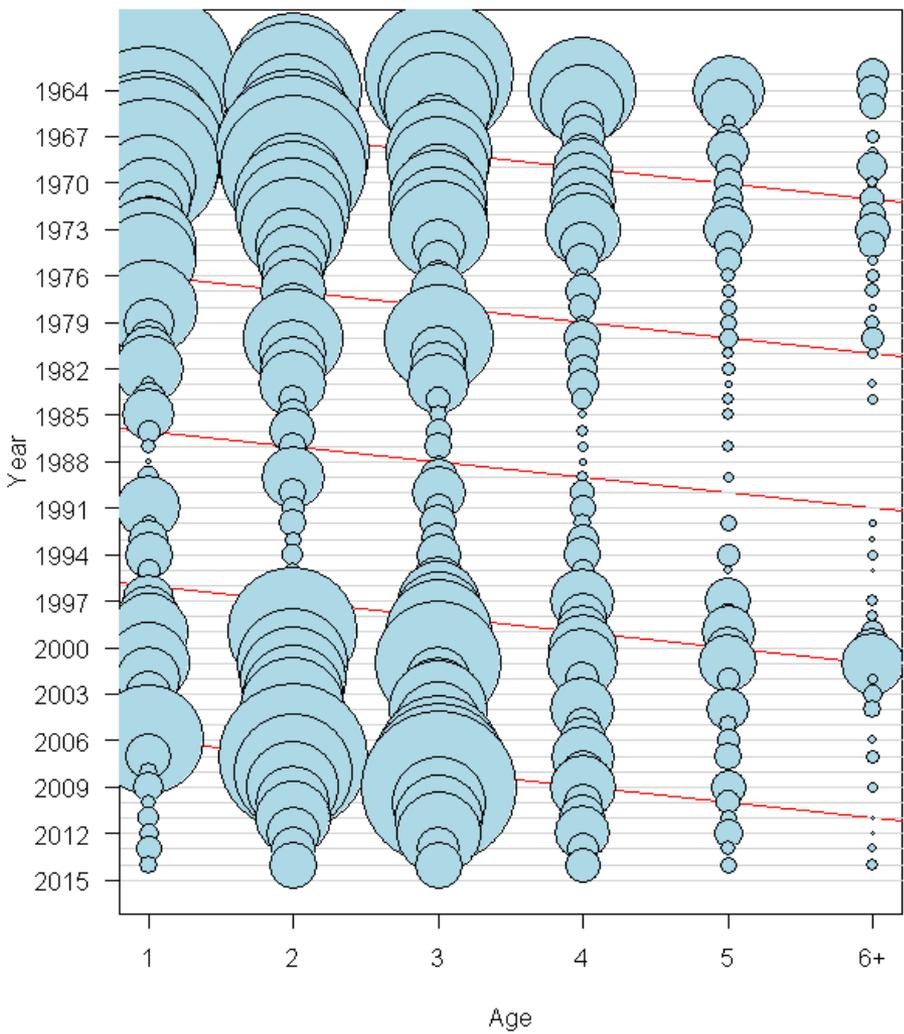
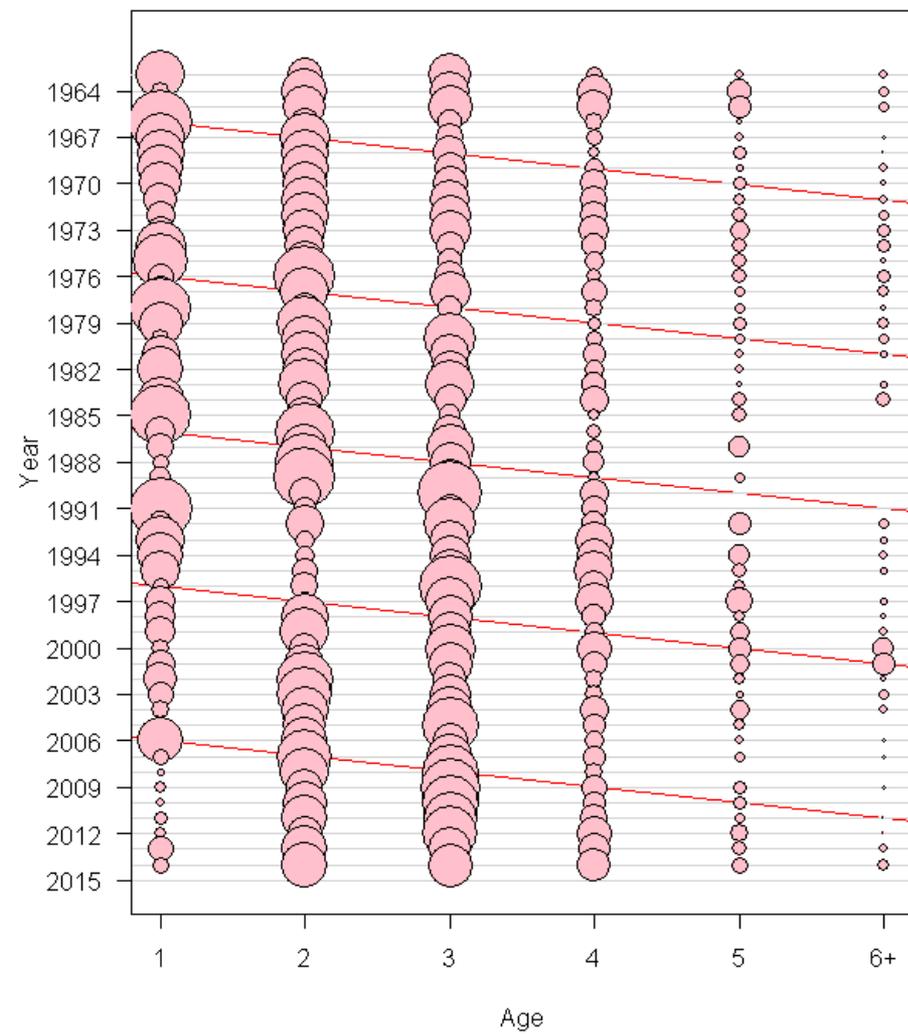
**DFO****DFO Proportions**

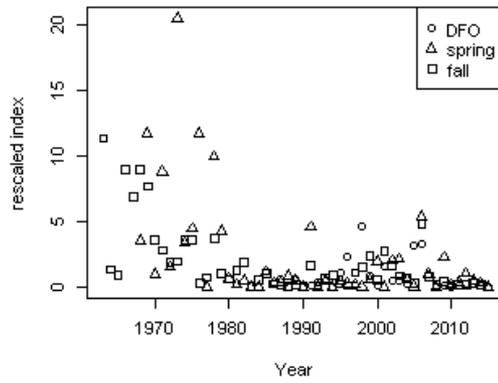
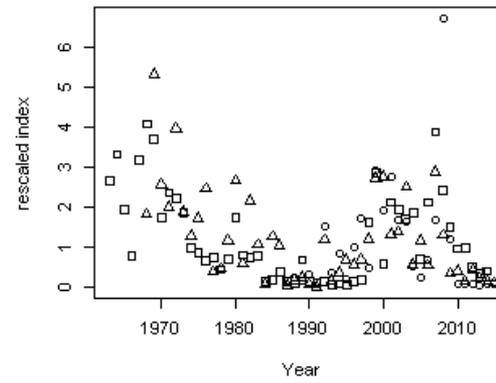
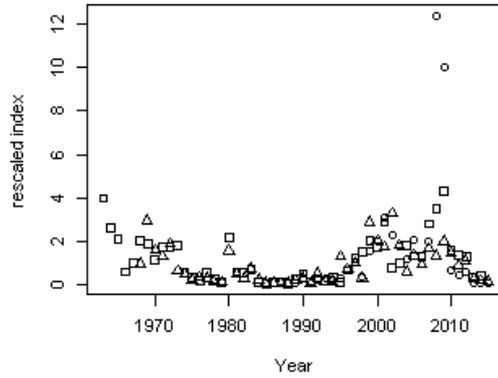
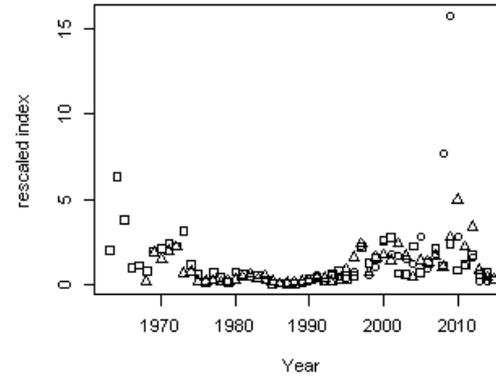
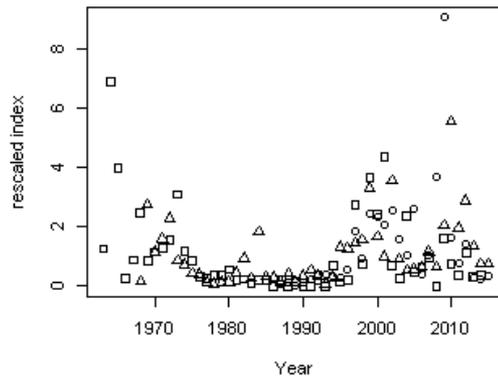
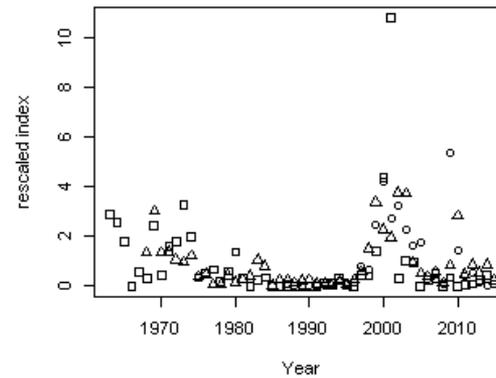
### Spring

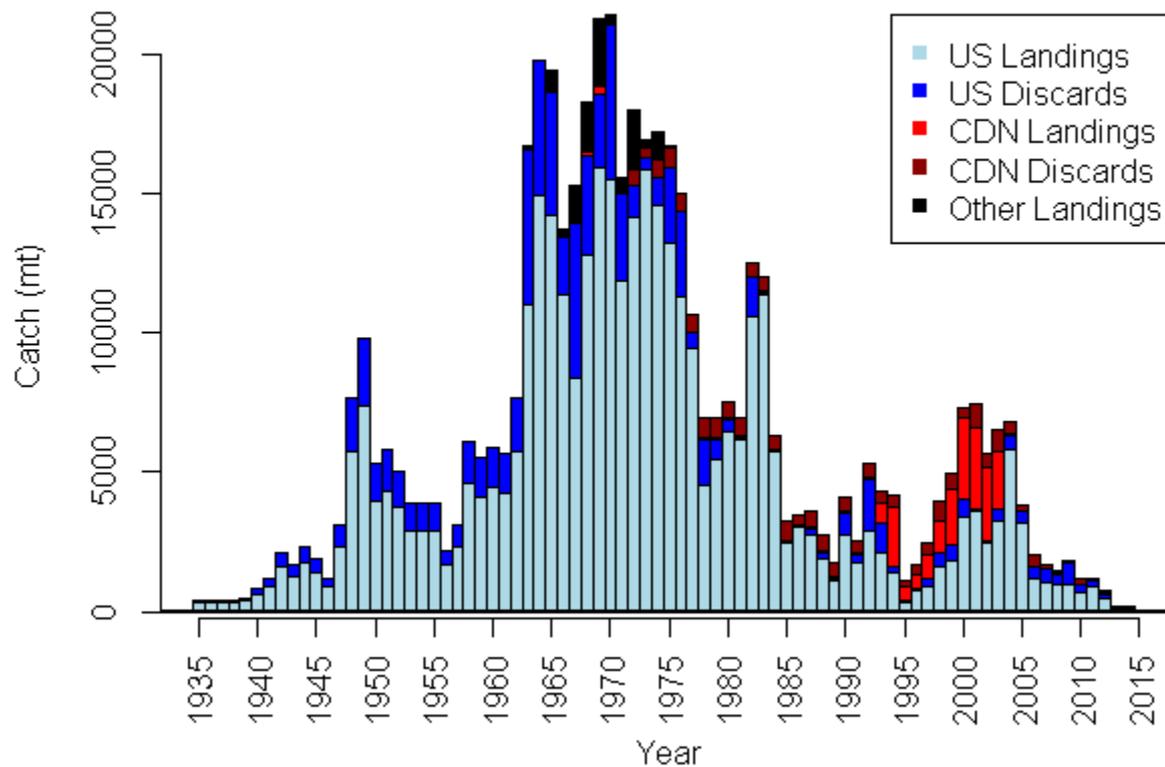


### Spring Proportions



**Fall****Fall Proportions**

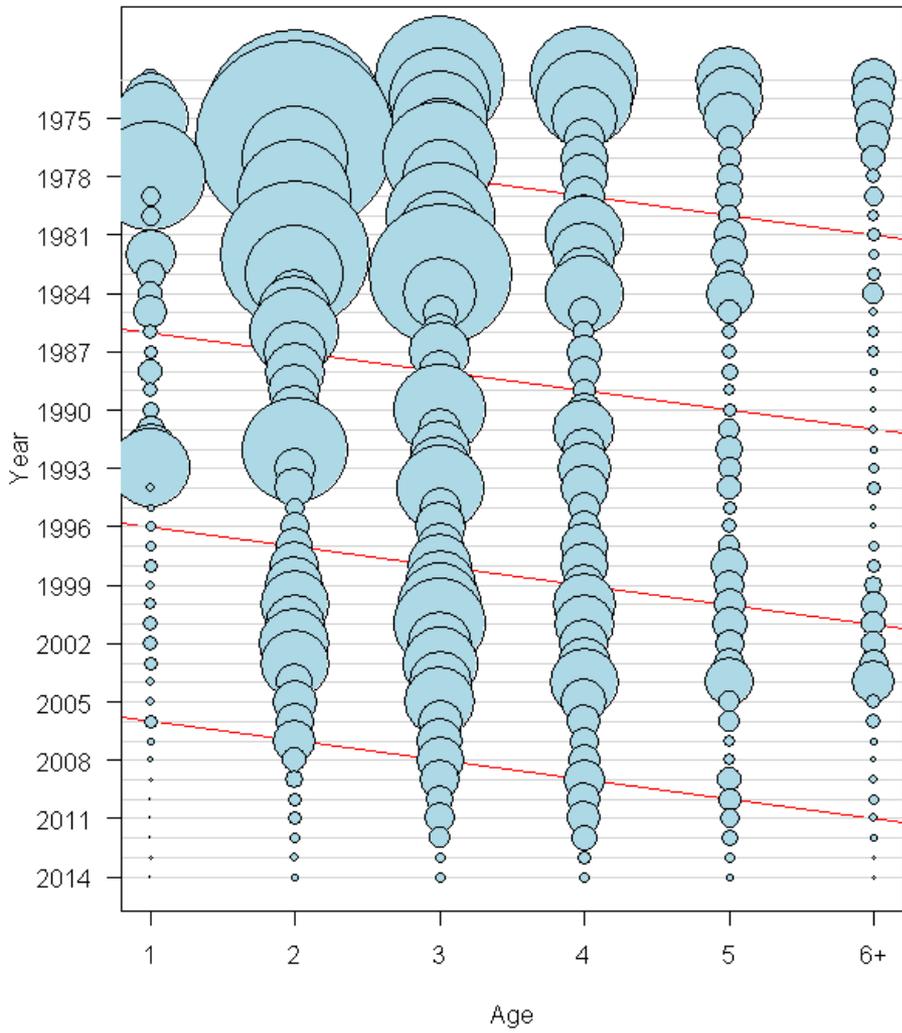
**Age 1****Age 2****Age 3****Age 4****Age 5****Age 6+**



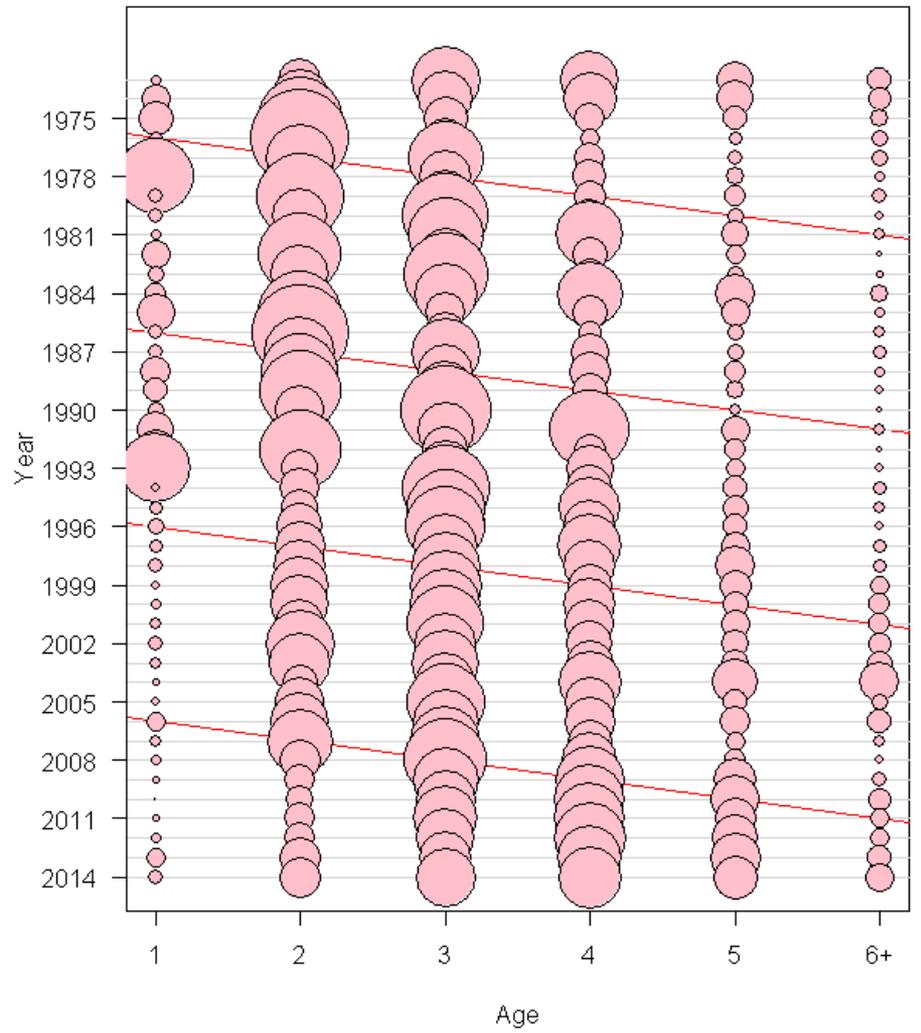
	metric tons							
	Landings	Discards	Catch			Landings	Discards	Catch
US	70	74	144		US	44%	47%	91%
Canada	1	14	15		Canada	0%	9%	9%
Sum	70	88	159		Sum	44%	56%	100%

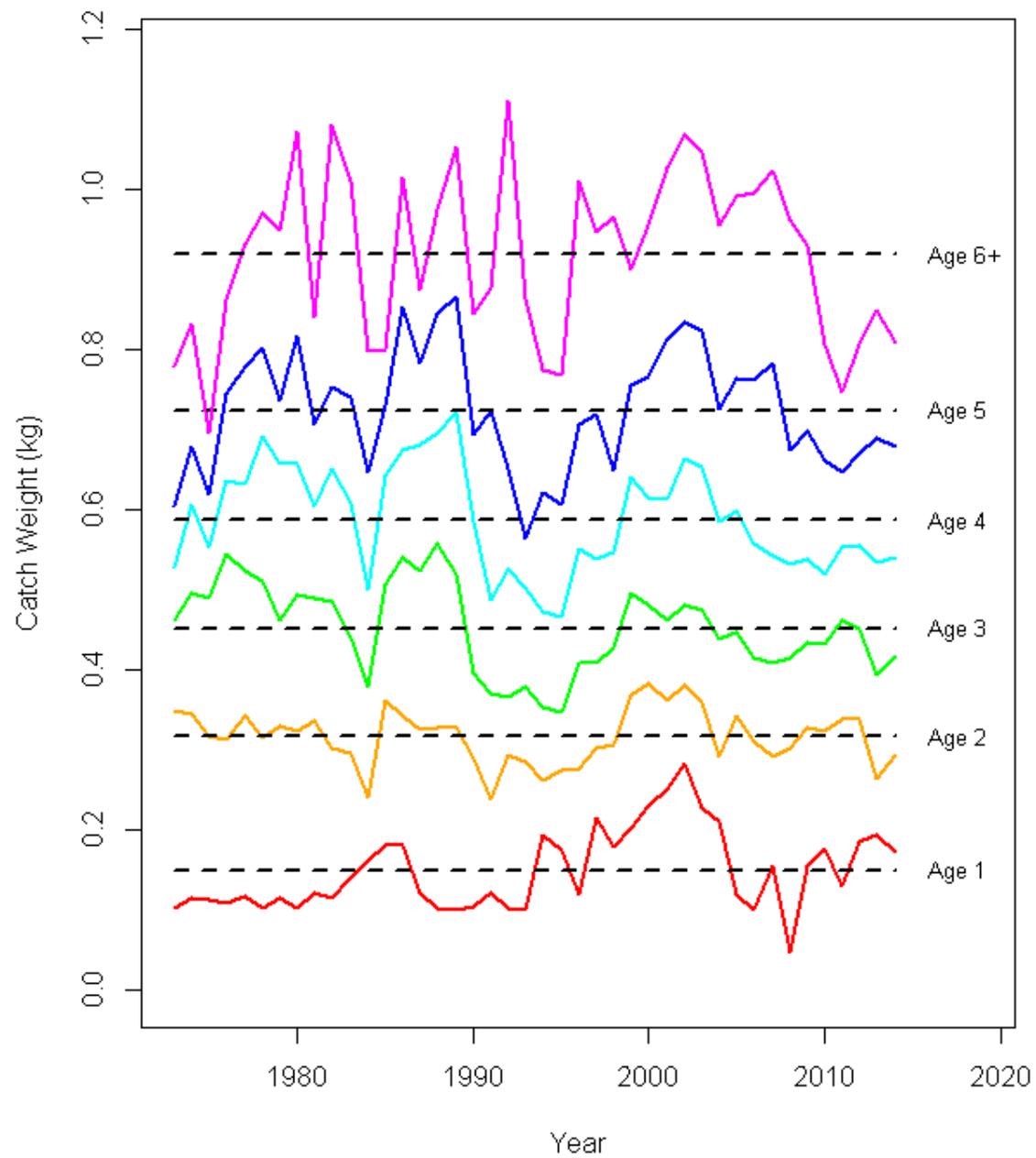
2014 quota = 400 mt

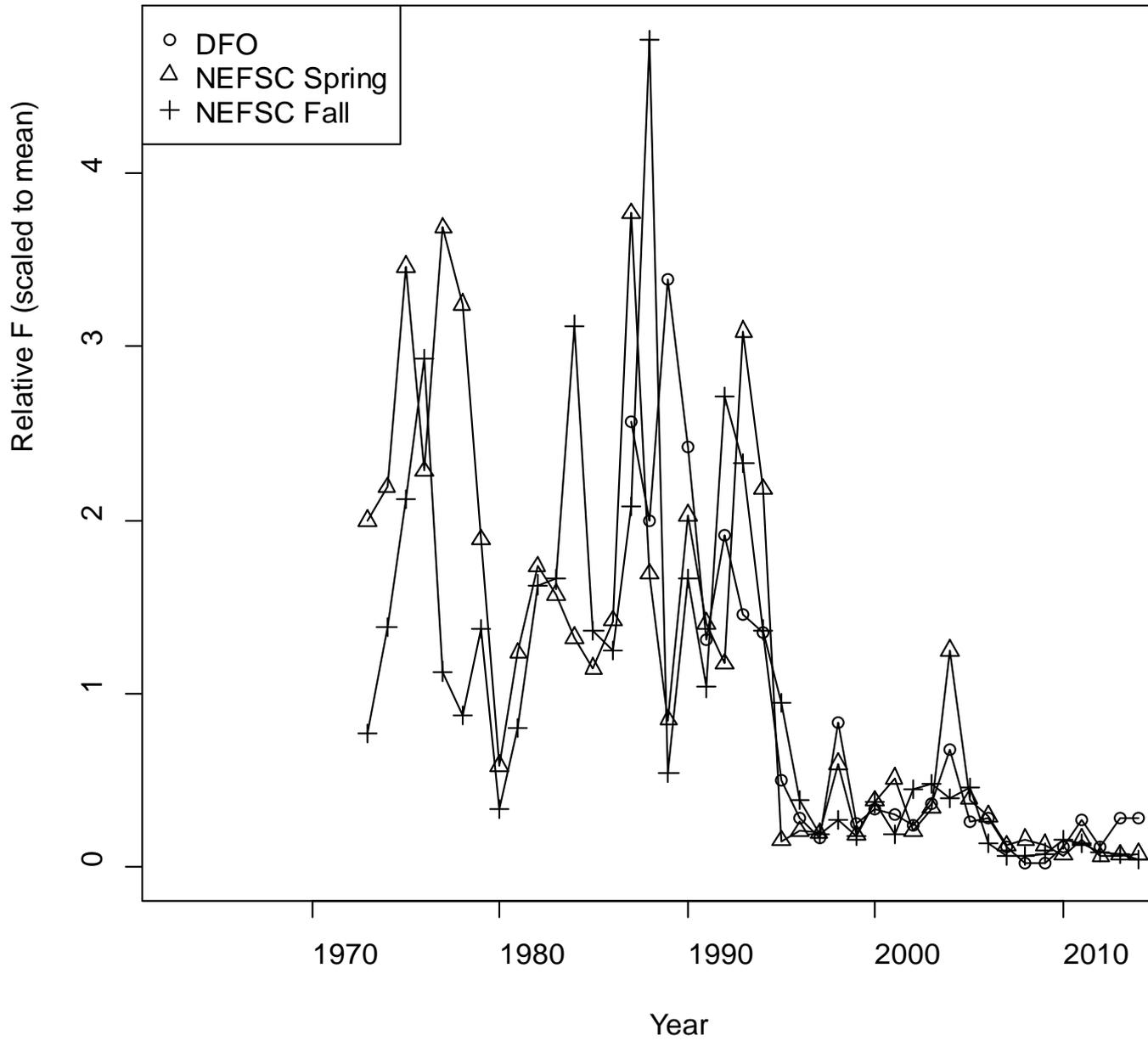
### Catch at Age



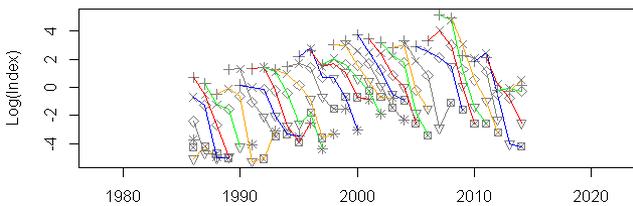
### Catch Proportions at Age



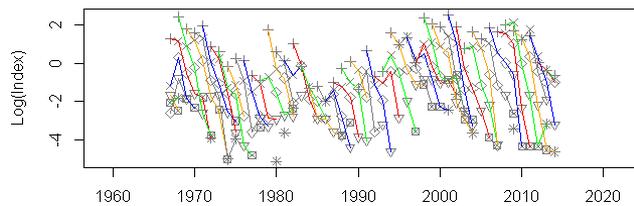




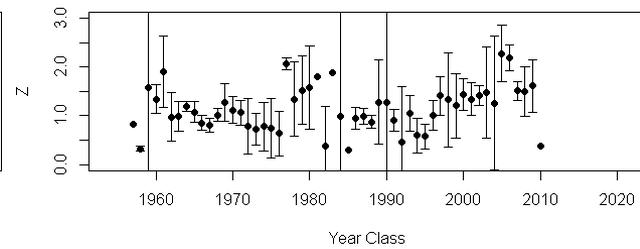
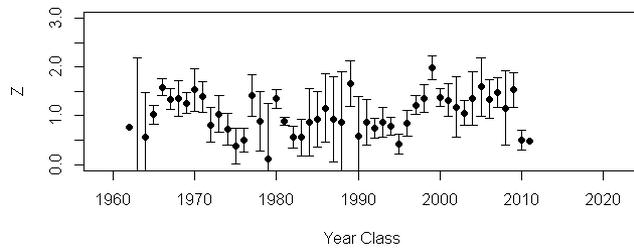
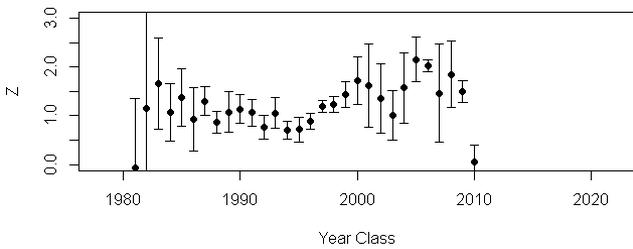
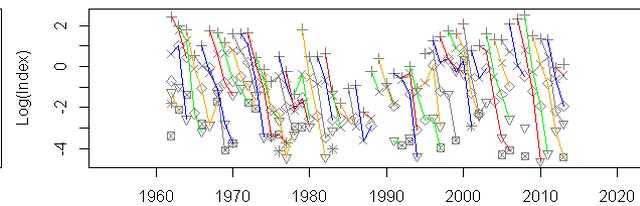
**DFO First Age = 3**



**SPRING First Age = 3**



**FALL First Age = 3**



# Summary

- Lowest catch on record
  - Discards > landings for first time
- Surveys no change from last year
  - About the same as when stock declared collapsed
  - No indication of incoming recruitment
- Applying same method for catch advice as last year results in 359 mt for 2016
- WP available at  
[ftp://ftp1.dfo-mpo.gc.ca/ftpmarcsam/Meetings/TRAC\\_CHY\\_2015/](ftp://ftp1.dfo-mpo.gc.ca/ftpmarcsam/Meetings/TRAC_CHY_2015/)

# Georges Bank Yellowtail Flounder

- What is your perspective?
  - Is stock better or worse than it was last year?
  - Is stock better or worse than it was in early 2000s?
  - Is stock better or worse than it was in mid 1990s?
- Any message for TRAC?