



Summary of Responses from 1/10/19 – 2/8/19:

Something's Fishy: Yellowtail Snapper



What is Something's Fishy?

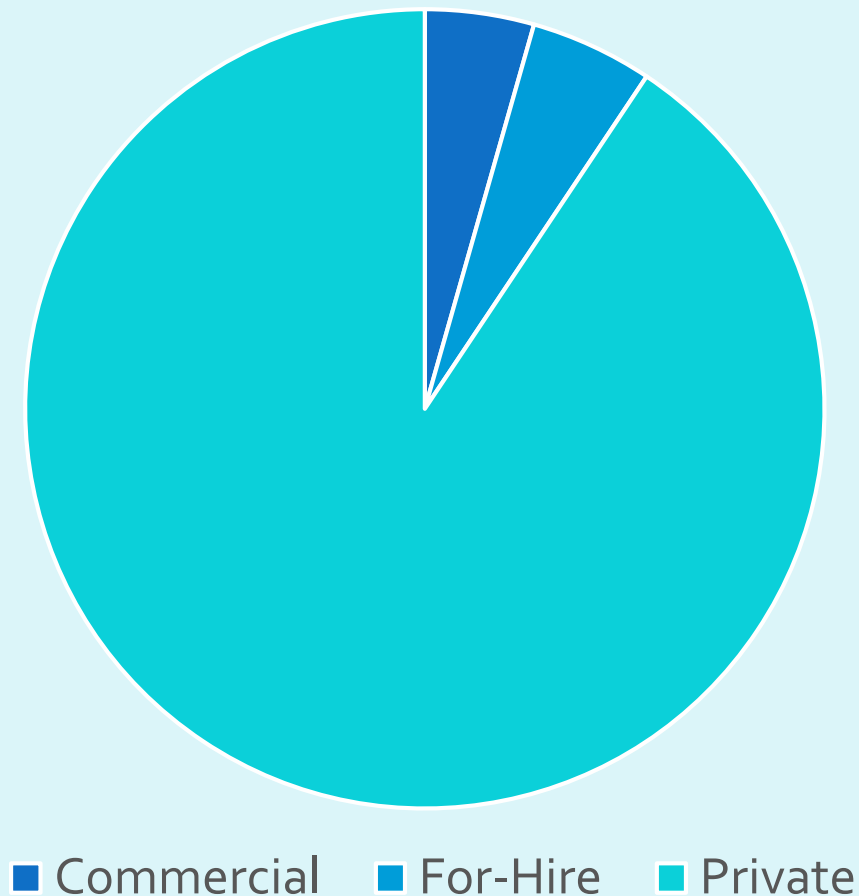
A tool used to gather information on a fish stock from active fishermen on trends or unusual occurrences that scientists and managers may not have observed.

- Responses gathered from January 10, 2019 – February 8, 2019
- Final report generated and presented at the Data Workshop on September 11-13, 2019.



Respondents

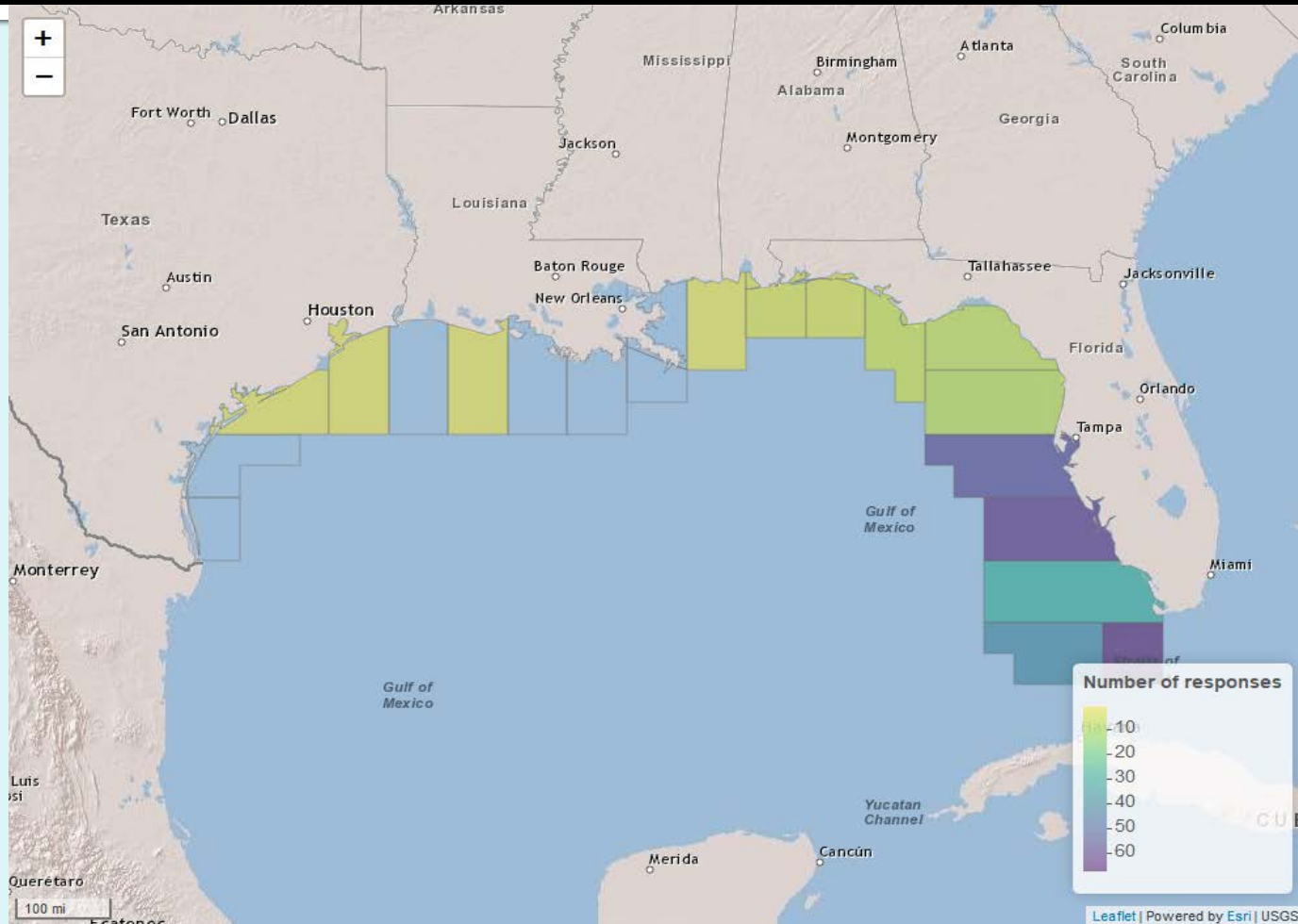
Responses by Sector



363 Respondents

- Self-identified with sector
- Not limited to a singular response

Response Location

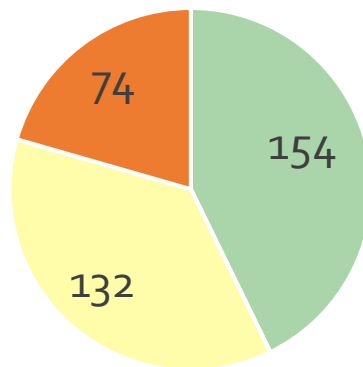


- Respondents could report observations for one or more grid locations
- Grids with no color had zero responses

Overall Response Sentiment

- Both manual and automated analysis showed a majority of respondents reported a positive sentiment
- Manual analysis showed a greater proportion of neutral comments while automated analysis showed a greater proportion of negative comments

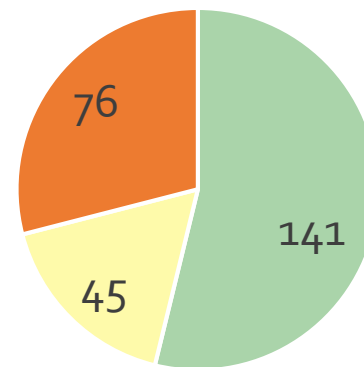
Response Sentiment Based on
Manual Analysis



■ Positive ■ Neutral ■ Negative

4 comments were dropped during
manual analysis (n= 360)

Response Sentiment Based on
Automated Analysis

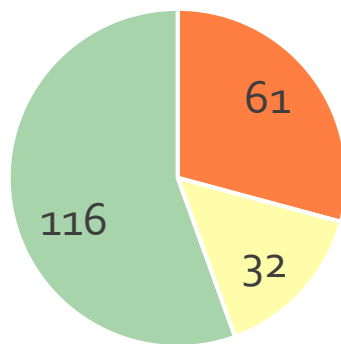


■ Positive ■ Neutral ■ Negative

102 comments were dropped during
automated analysis (n= 262)

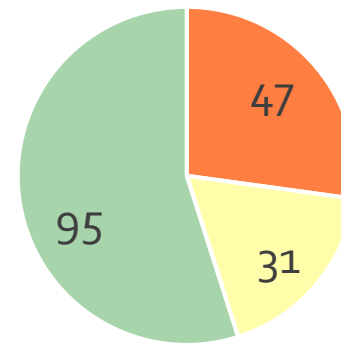
Abundance Related Response Sentiment

Response Sentiment of Abundance
Related Comments Based on Manual
Analysis



■ Negative ■ Neutral ■ Positive

Response Sentiment of Abundance
Related Comments Based on
Automated Analysis

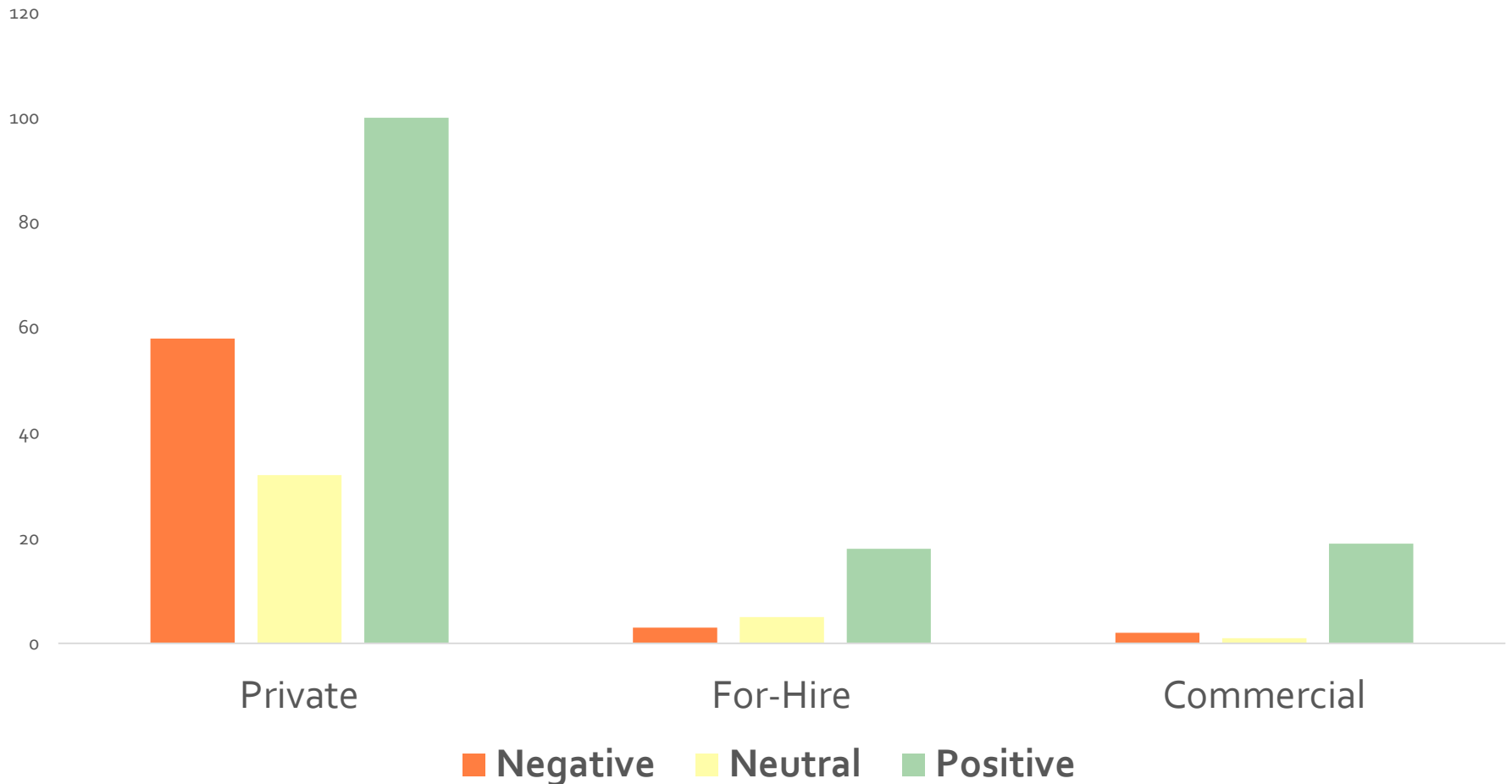


■ Negative ■ Neutral ■ Positive

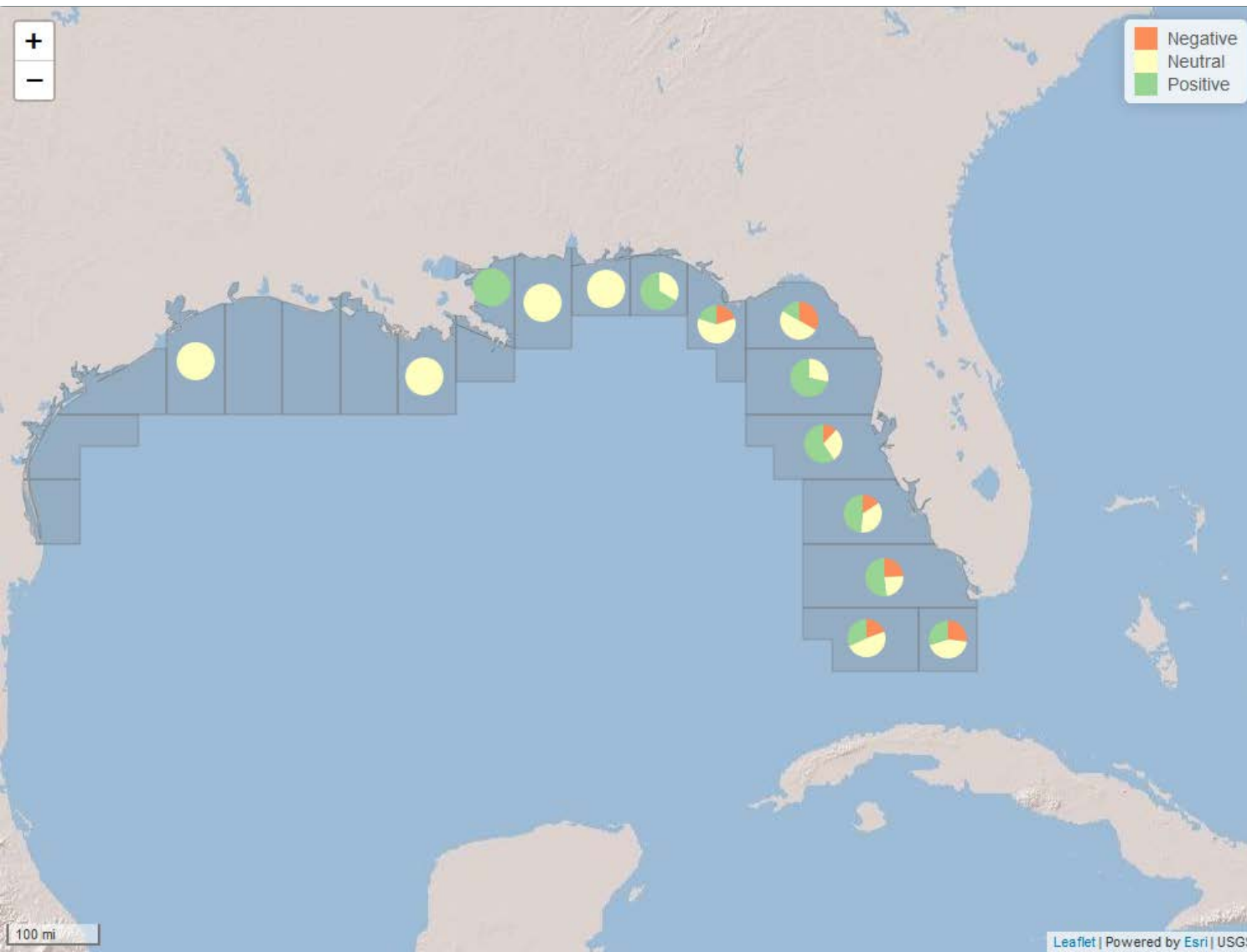
- In manual analysis, the proportion of neutral comments was reduced and the proportion of positive comments increased.
- The results of manual and automated analysis are more similar for abundance related comments than for overall response sentiment

Comparison of Sentiment by Sector

Comparison of Response Sentiment by Sector



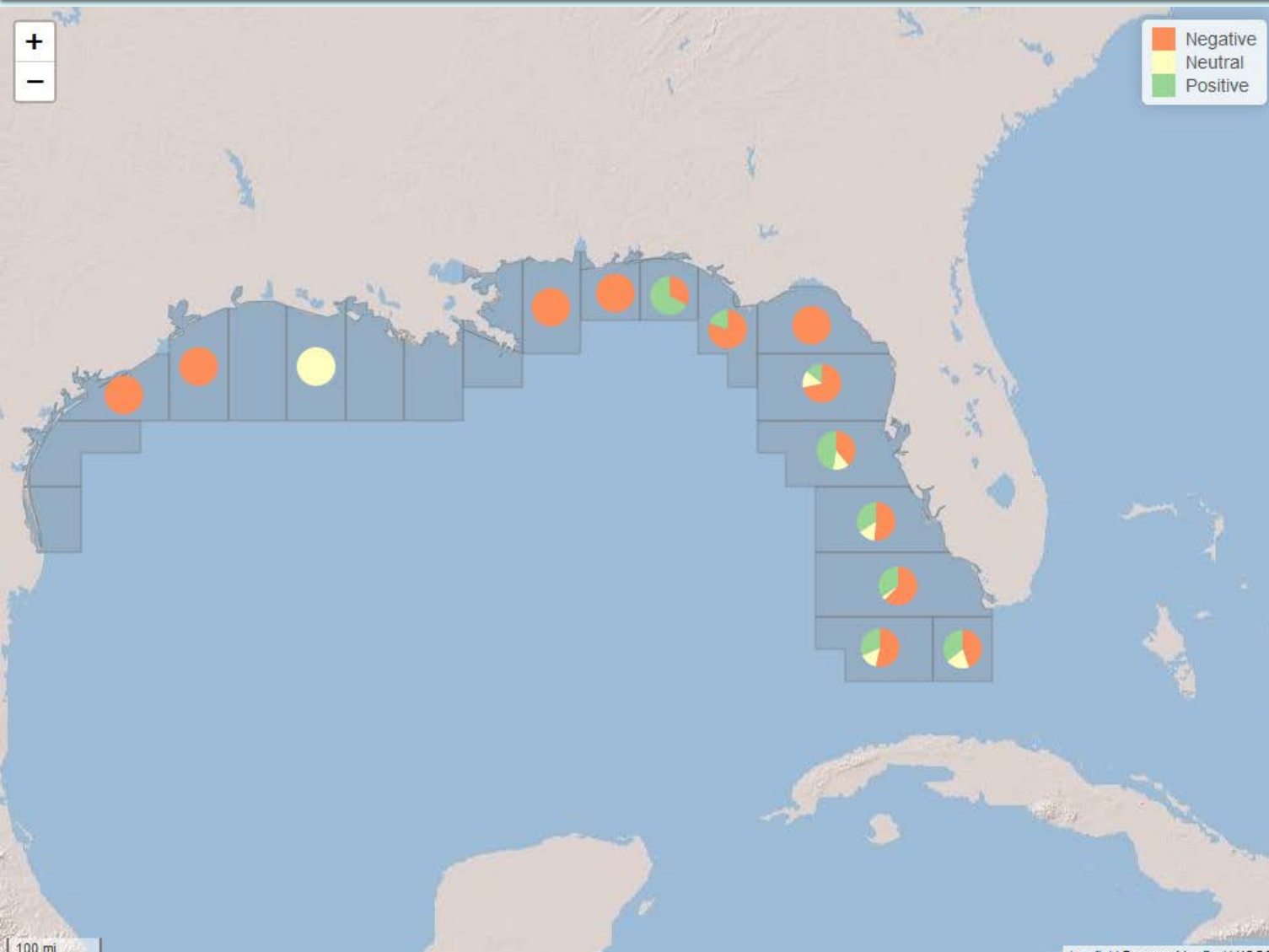
Manual Sentiment Analysis by Location: Gulf of Mexico



Based on overall
comment
sentiment



Automated Sentiment Analysis by Location: Gulf of Mexico

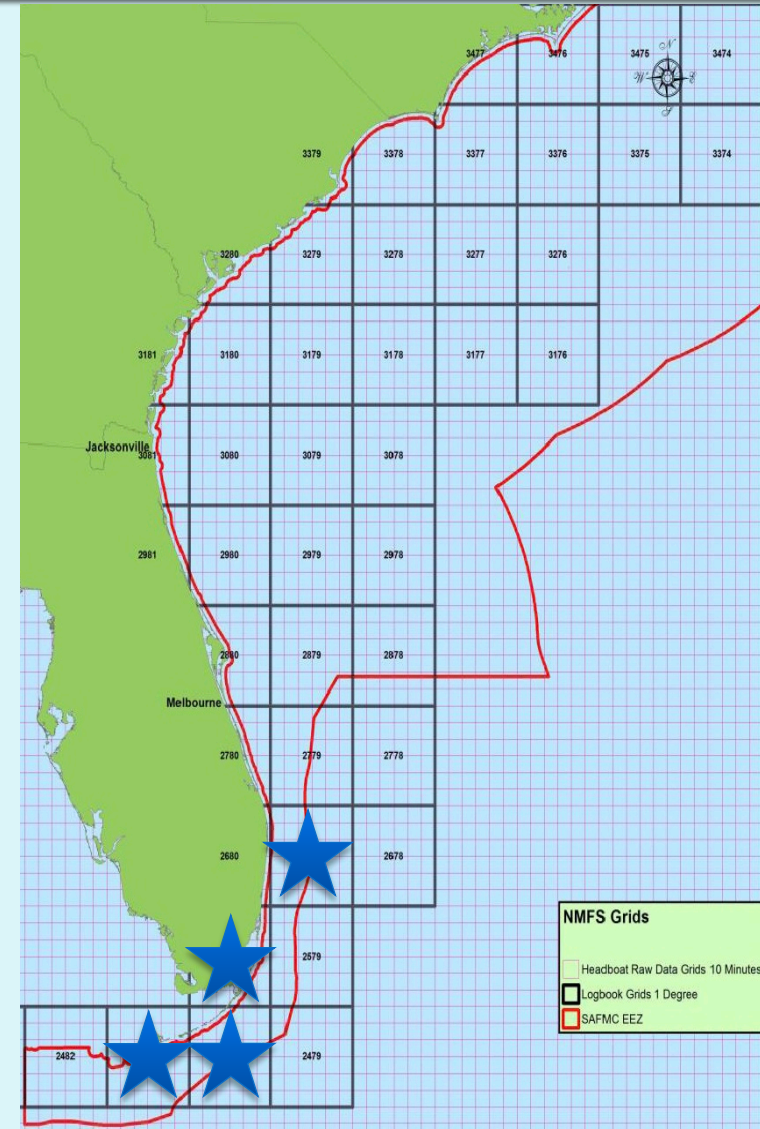
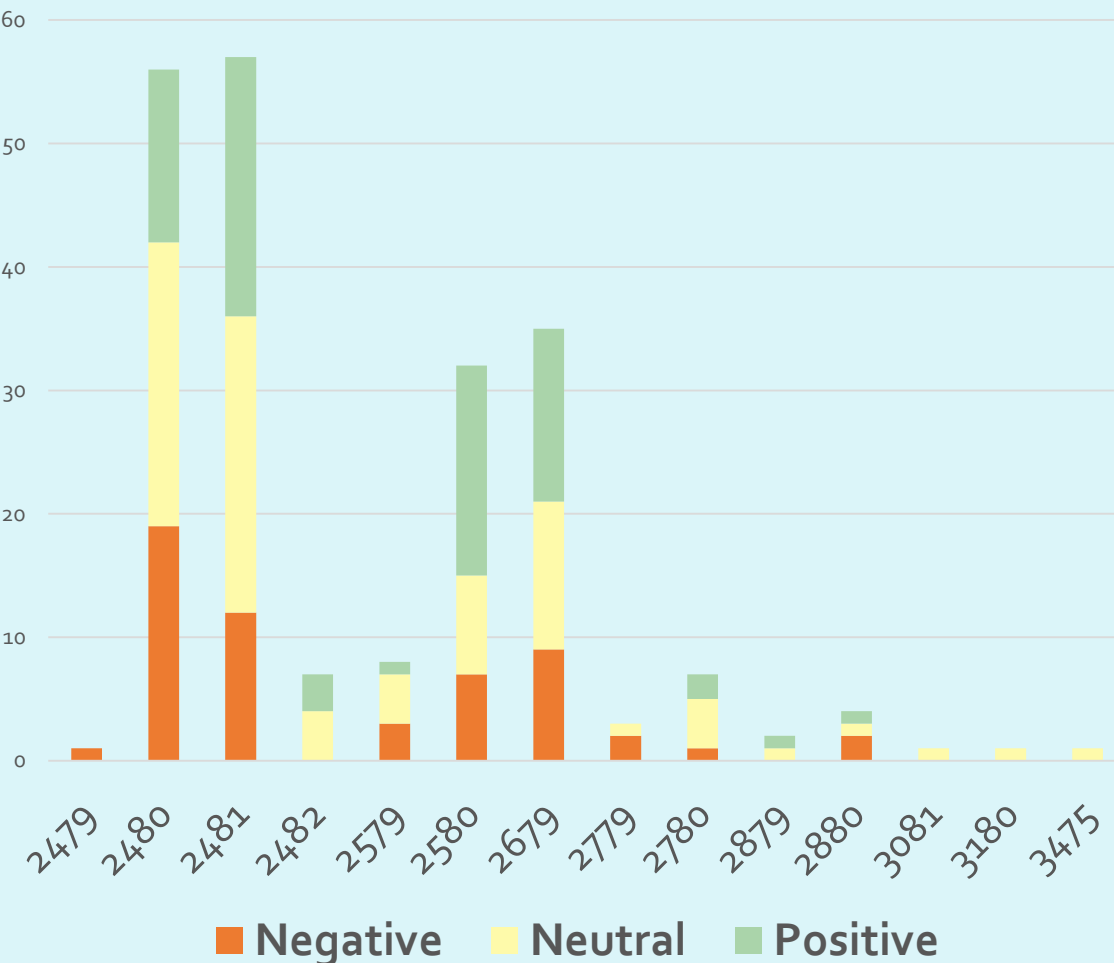


Based on
overall
comment
summary



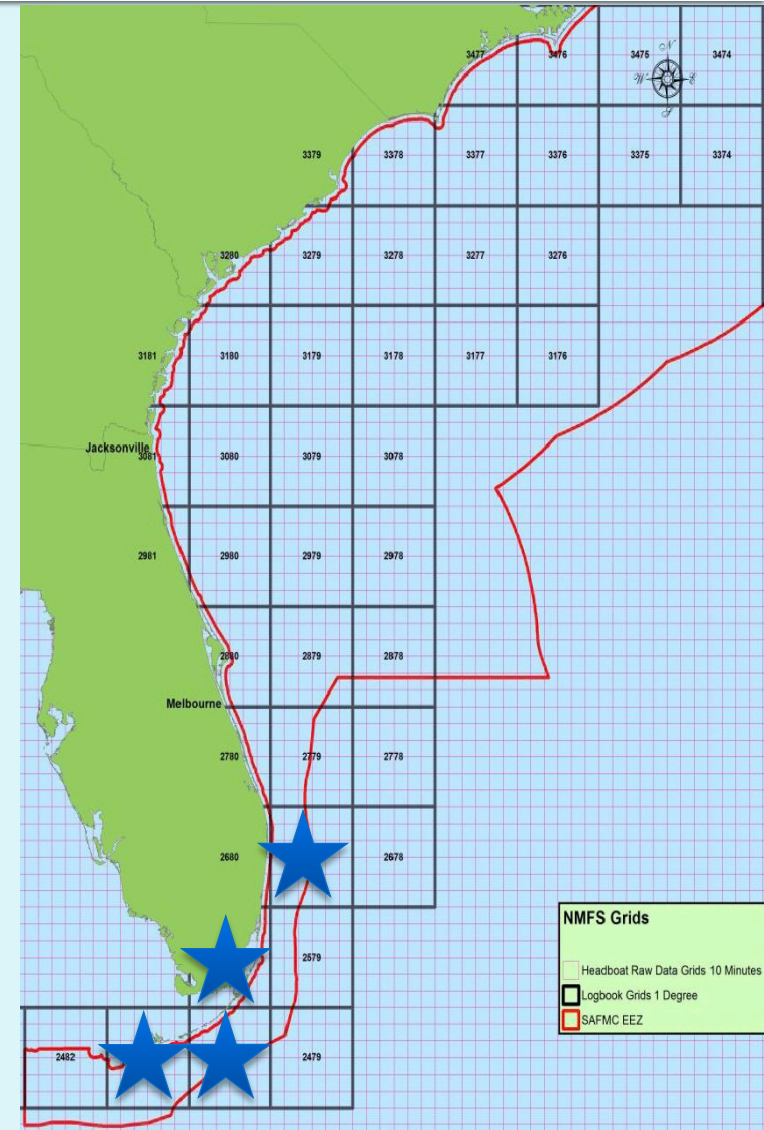
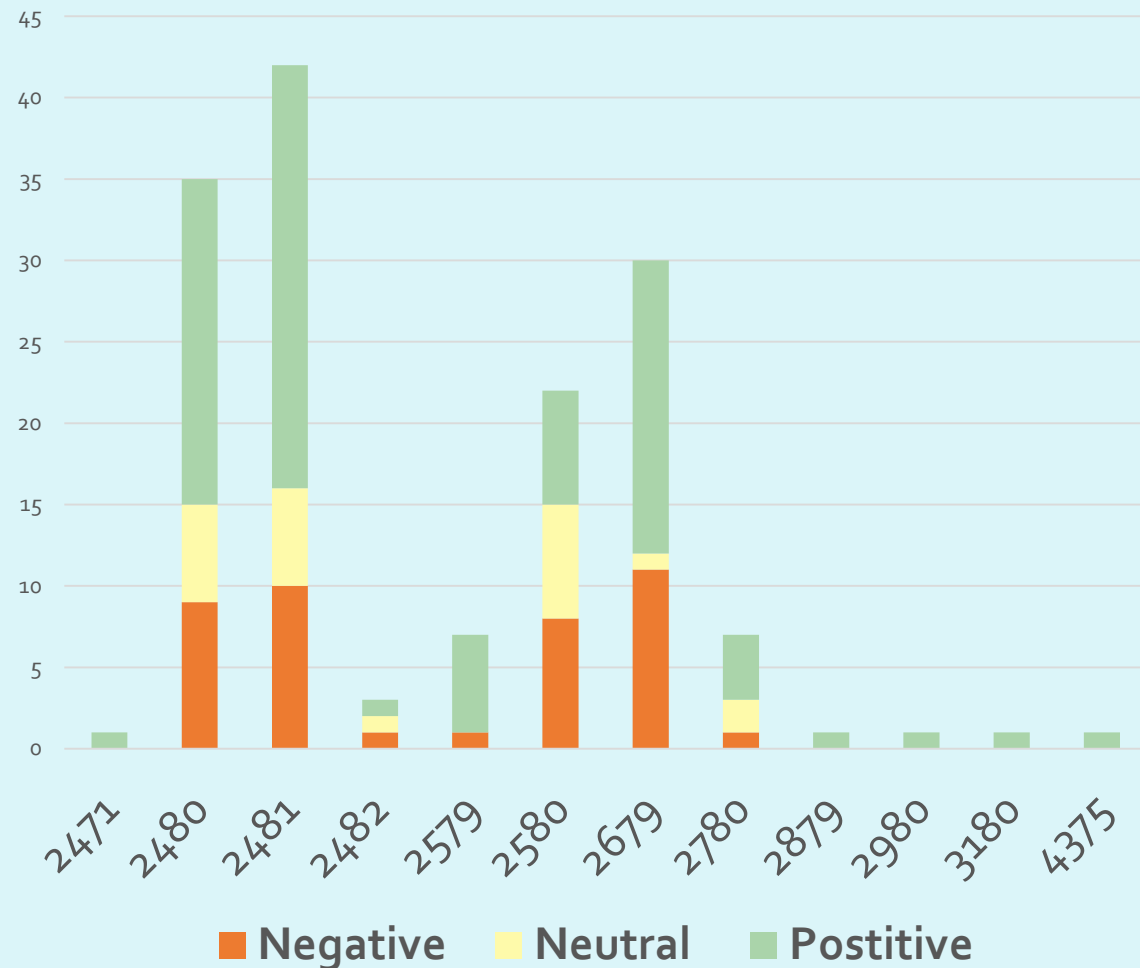
Manual Sentiment Analysis by Location: South Atlantic

Manual Sentiment Analysis by Location:
South Atlantic

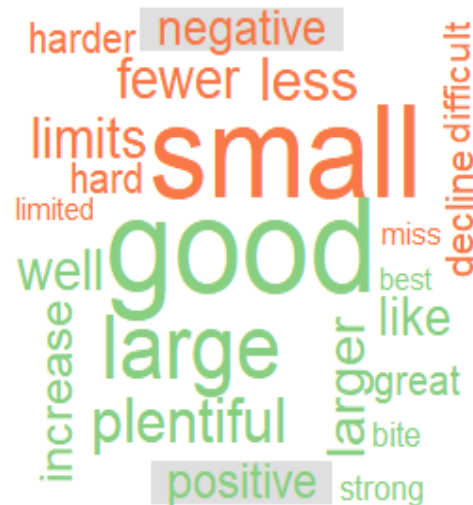
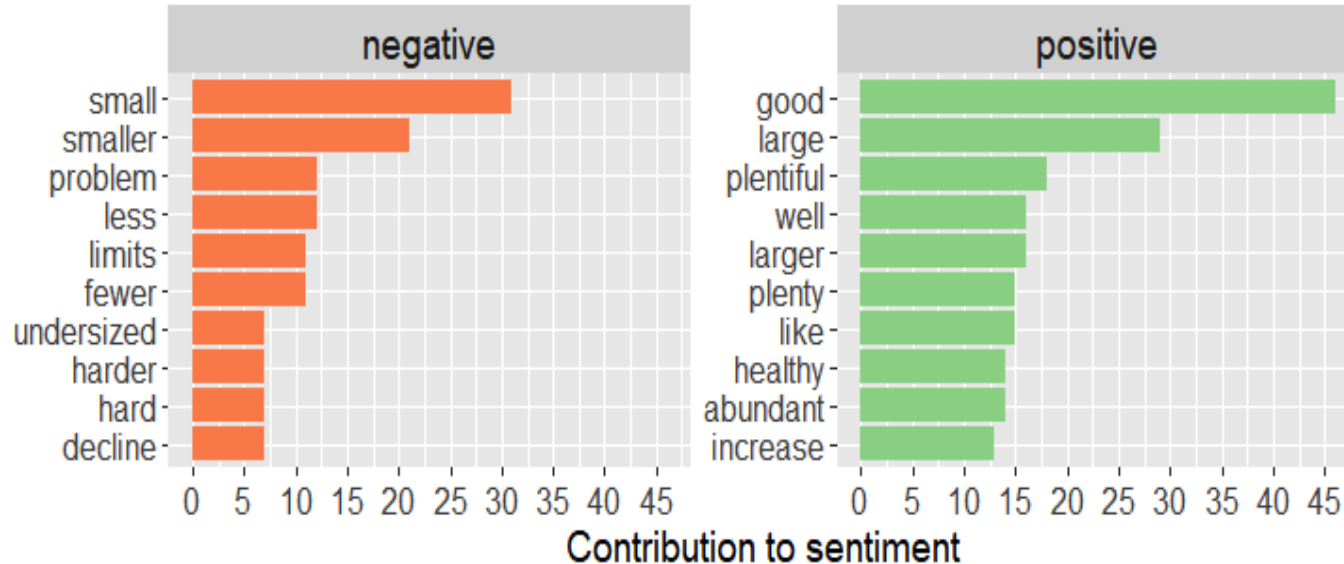


Automated Sentiment Analysis by Location: South Atlantic

Automated Sentiment Analysis by Location: South Atlantic



Automated Analysis



The most frequently used positive words could be interpreted to indicate that anglers with positive perceptions of the stock are seeing more fish and larger fish.

Manual Analysis - Emergent Themes

- Most people don't know how to target them.
- No change in numbers or size.
- Never caught small yellowtails in Alabama only large ones.
- No small ones.
- Small ones on rigs.
- Further offshore than usual.
- Lots of small ones.
- Large ones deep.
- Overtime there seem to be more – expanding their range into the northern Gulf.
- Not as many as there were.
- Predators (goliath, barracuda, sharks) are a problem for discards in this fishery.
- Fishery seems to be flourishing recently.
- Significant declines in the past few years.
- Abundant but small.
- They're either huge or tiny – not much in between.
- Seen hybrid lane and yellowtail snappers.
- Decrease in the fishery in the upper keys since Irma.
- Fishing is better since Irma.
- Abundant but the size is decreasing, also hearing bigger but fewer fish.
- Seem to be deeper lately – have to go further out for them.



Questions?

