



Summary of Responses from 1/8/20 – 2/7/20:

# Something's Fishy: Yellowtail Snapper



# What is Something's Fishy?

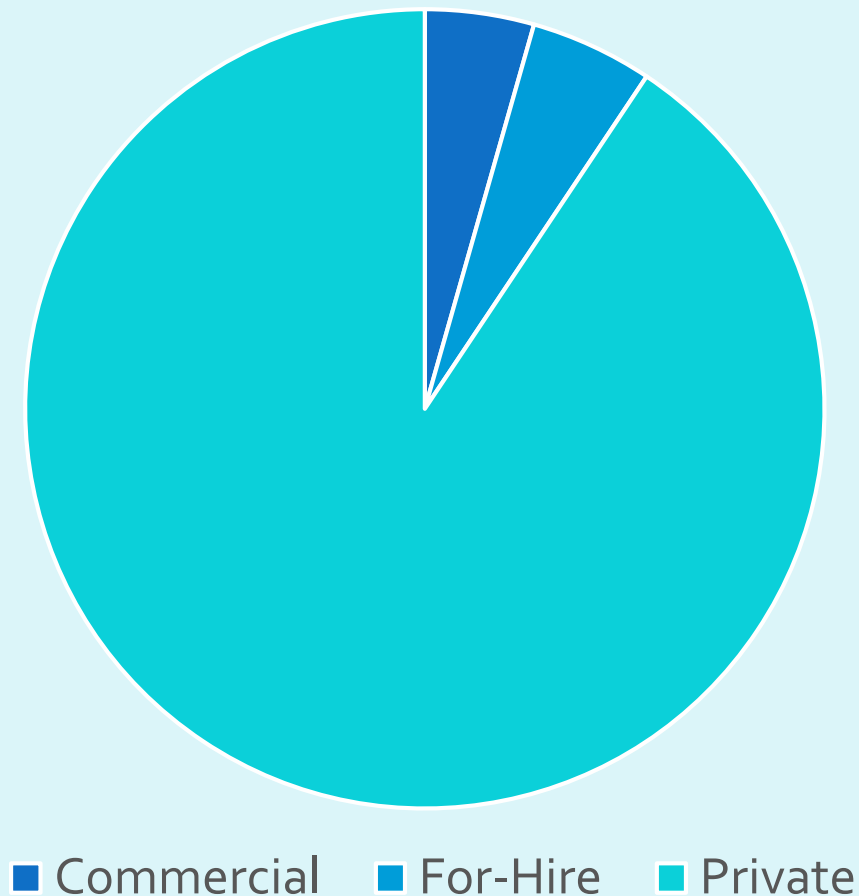
A tool used to gather information on a fish stock from active fishermen on trends or unusual occurrences that scientists and managers may not have observed.

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



# Respondents

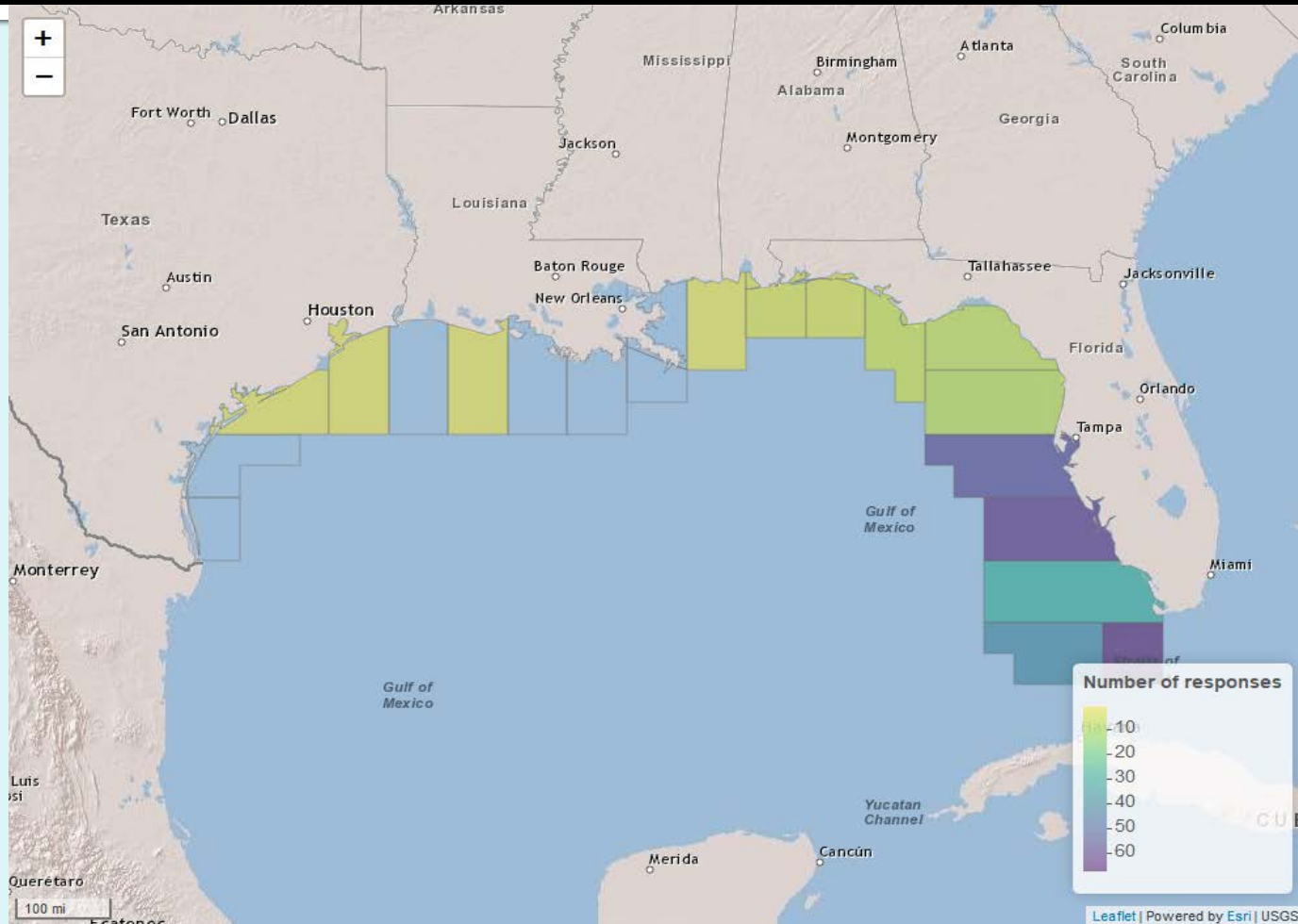
Responses by Sector



## 364 Respondents

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

# Response Location

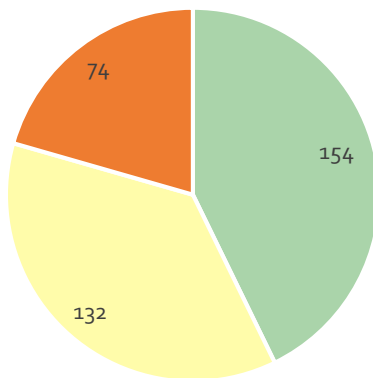


- Respondents could report observations for one or more grid location

# 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

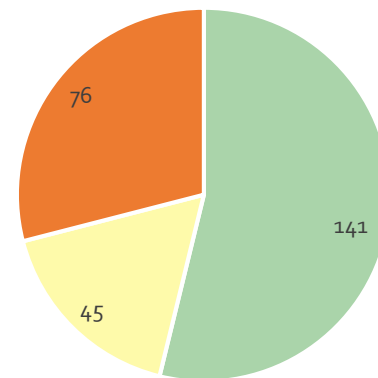
Response Sentiment Based on  
Manual Analysis



■ Positive ■ Neutral ■ Negative

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

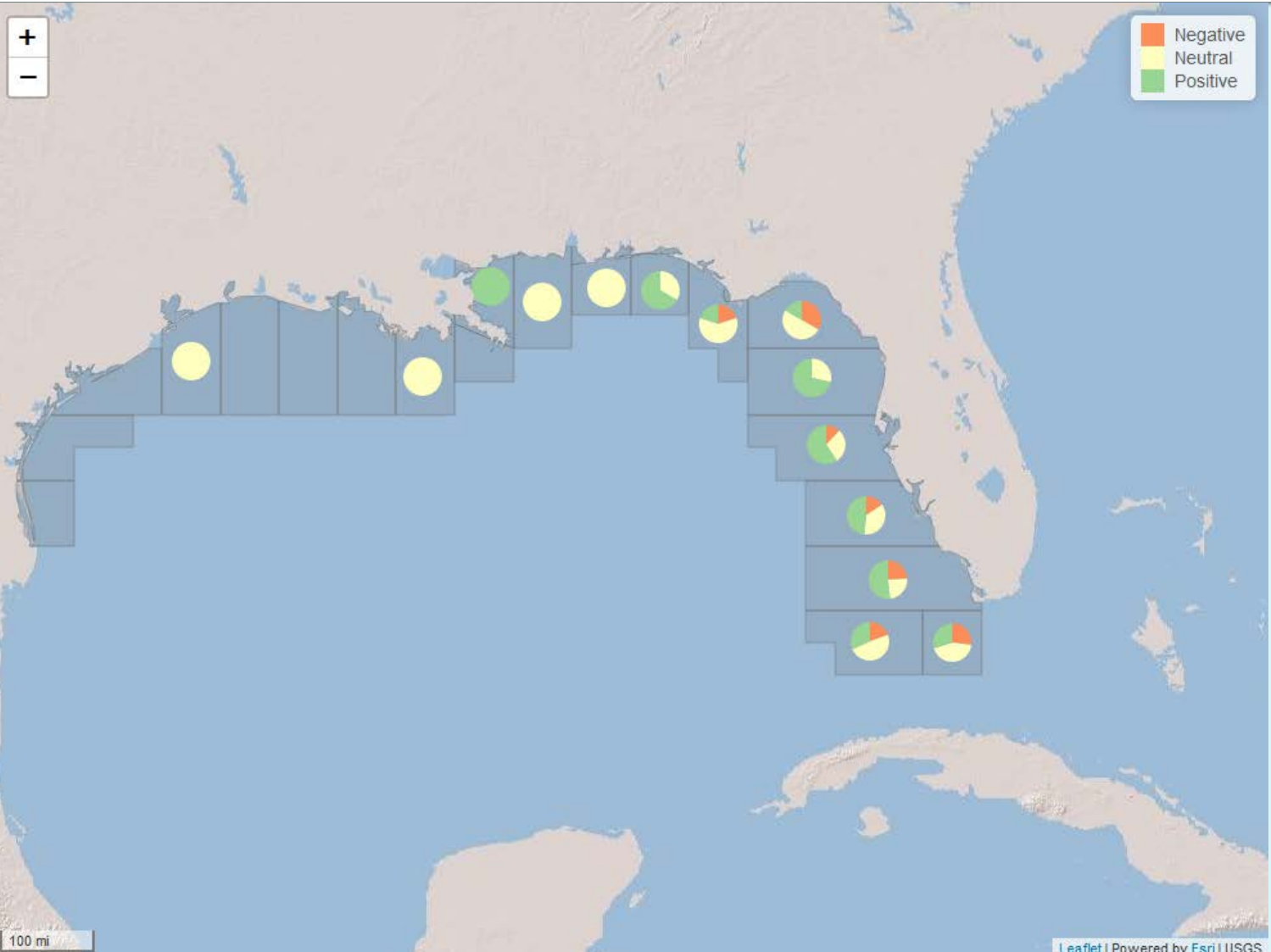
Response Sentiment Based on  
Manual Analysis



■ Positive ■ Neutral ■ Negative

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

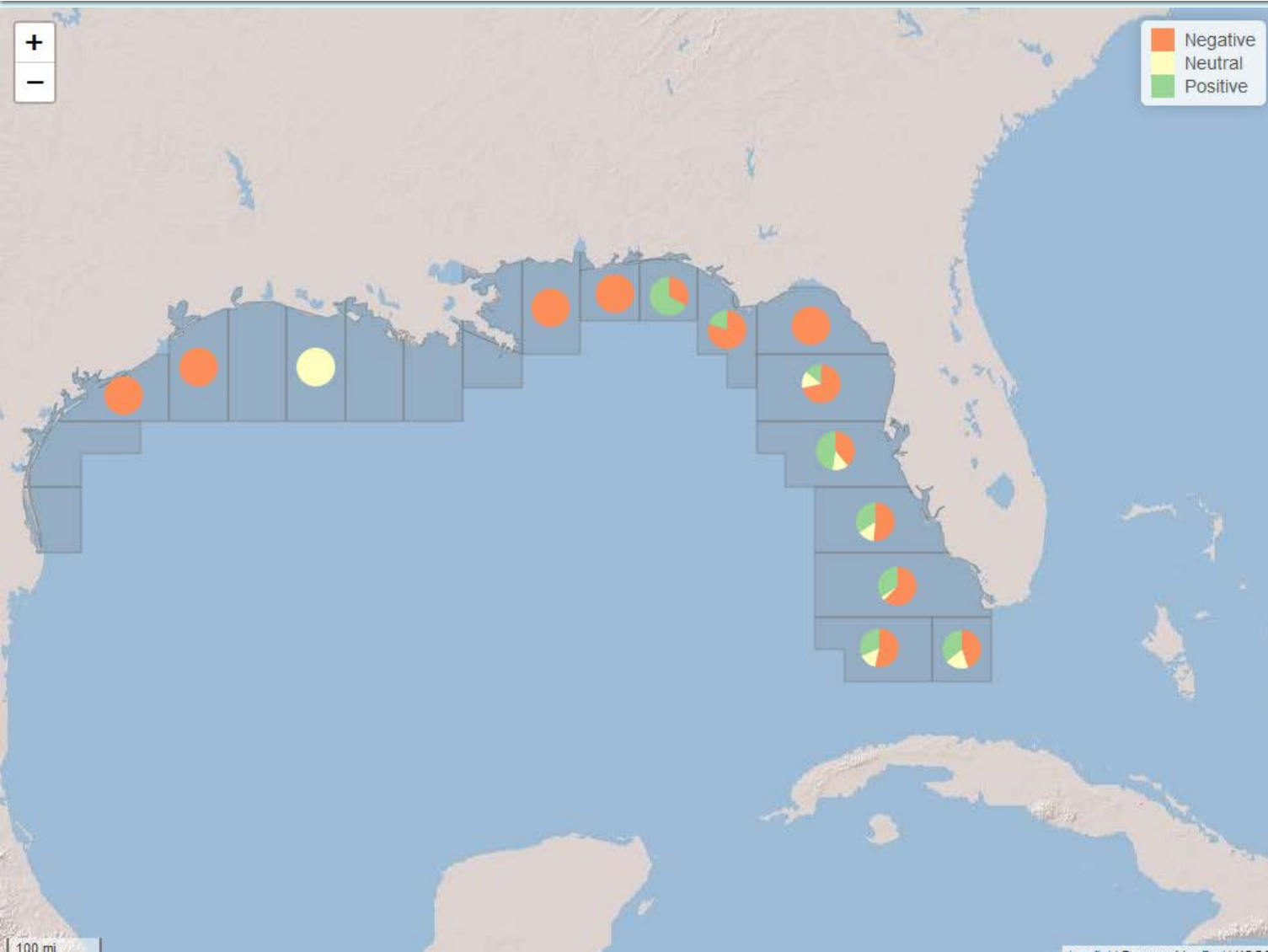
# Manual Sentiment Analysis by Location: Gulf of Mexico



Manual  
sentiment  
analysis  
specifically rated  
sentiment in  
relation to stock  
abundance



# Automated Sentiment Analysis by Location: Gulf of Mexico



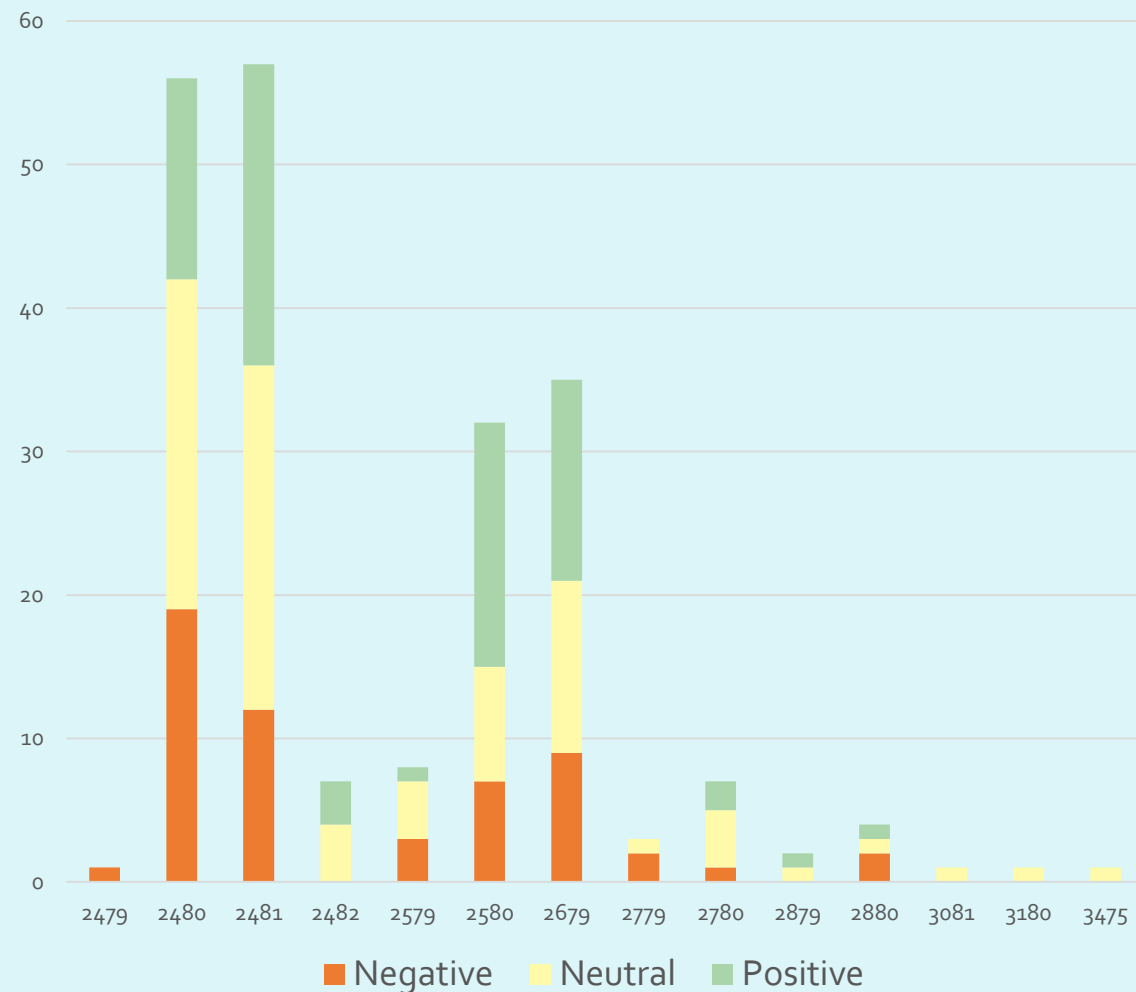
Automated sentiment analysis rated the sentiment of the entire comment





# Manual Sentiment Analysis by Location: South Atlantic

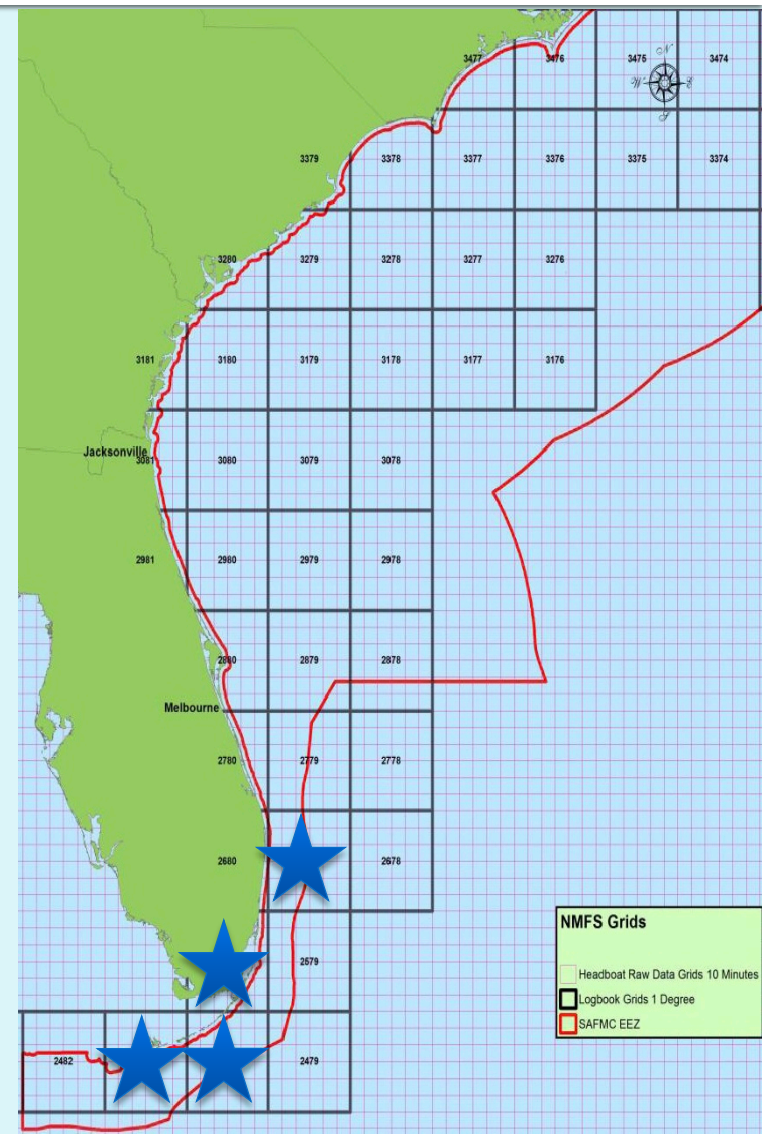
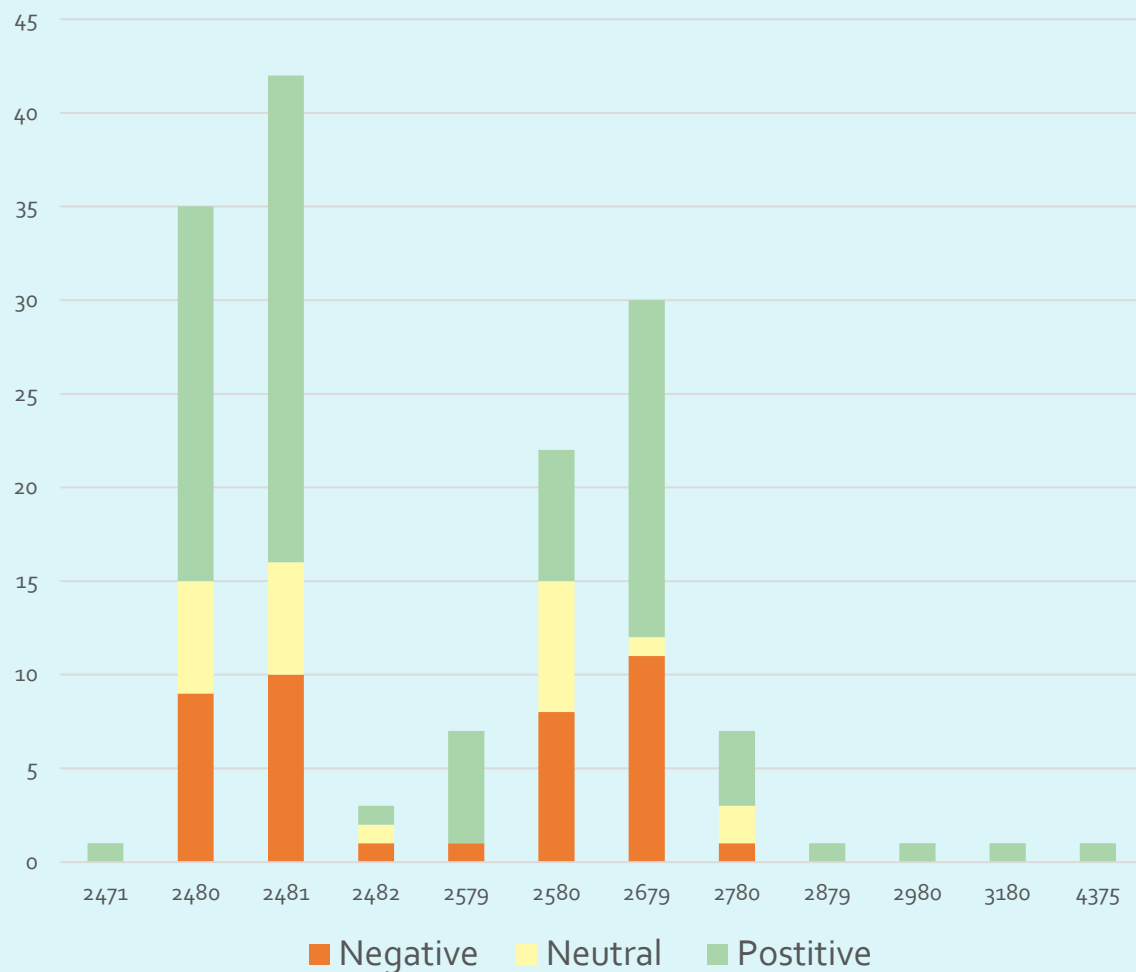
Manual Sentiment Analysis by Location:  
South Atlantic



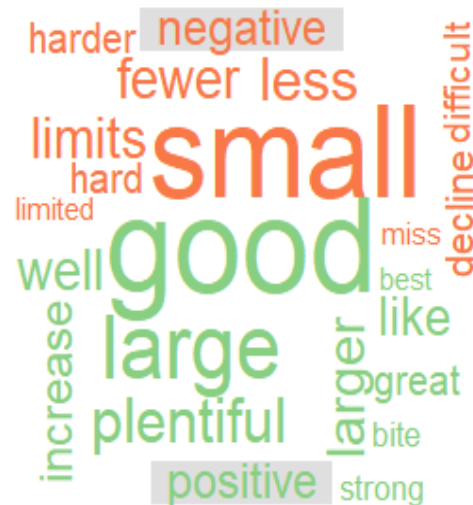
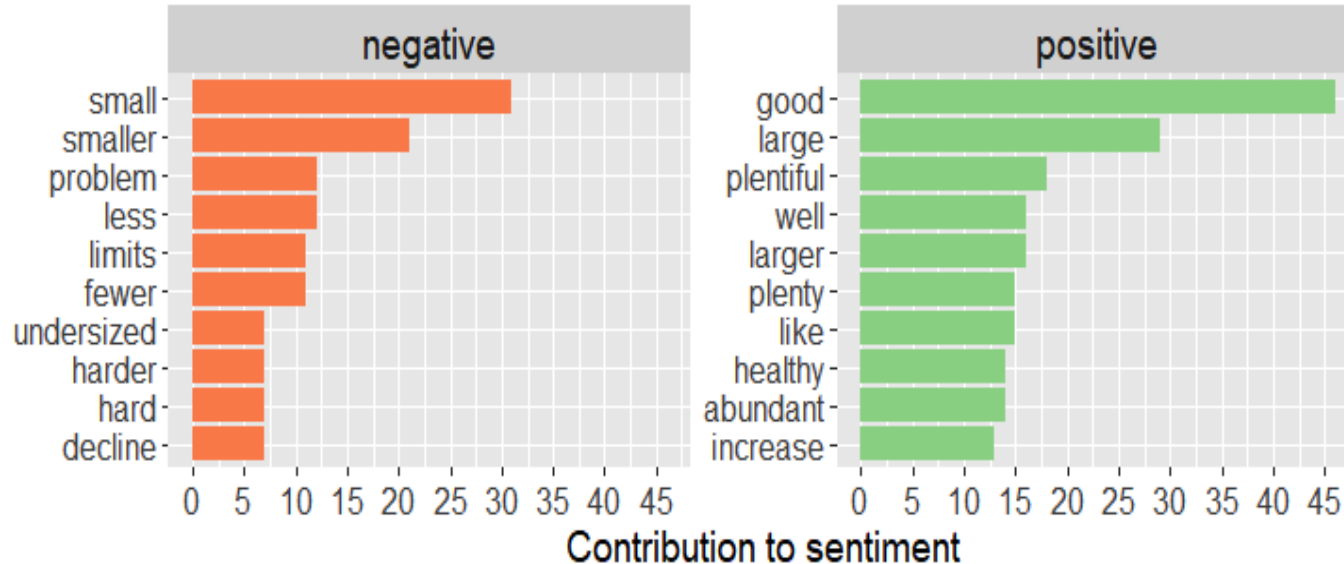


# Automated Sentiment Analysis by Location: South Atlantic

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?

