

FLORIDA MIDTERM ELECTIONS 2018

Data Expedition
Emma Davenport

FLORIDA MIDTERM ELECTIONS 2018

Major Figures

Gubernatorial Race

Andrew Gillum (D)



Ron DeSantis (R)

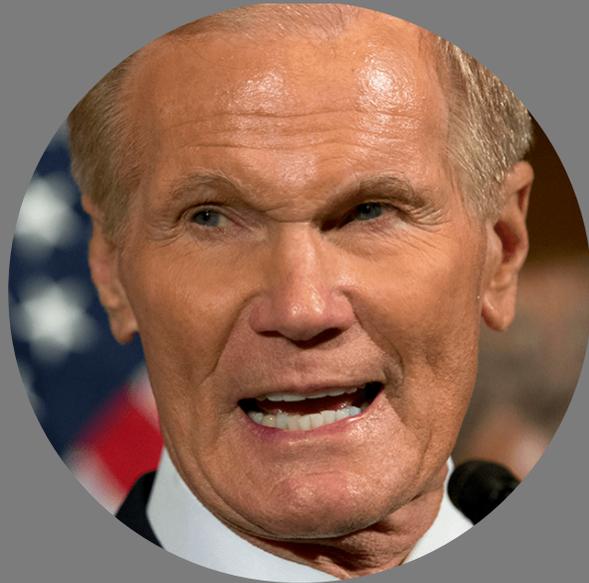


FLORIDA MIDTERM ELECTIONS 2018

Major Figures

Senate Race

Bill Nelson (D-incumbent)



Rick Scott (R)



FLORIDA MIDTERM ELECTIONS 2018

Major Figures

Donald Trump



*Cory Booker
(NJ Senator, D)*



*Marco Rubio
(FL Senator, R)*

FLORIDA MIDTERM ELECTIONS 2018

Timeline of Events

Gubernatorial Race

*Andrew Gillum (D)
v. Ron DeSantis (R)*

Nov.
2018

Senate Race

*Bill Nelson (D-incumb.)
v. Rick Scott (R)*

Election Day

*AP calls the race for
DeSantis;
Gillum concedes*

06

Election Day

Too close to call

Gubernatorial Race

DeSantis leads by
72,000 votes;
Then by 34,000
(within 0.5%);
Recount likely

07

Senate Race

Proceeds to machine
recount

08

Rick Scott calls for fraud
investigation;
Files lawsuit

Trump tweets:
"How come they never find
Republican votes?"

Gillum tweets:
"Count every vote"

09

Trump tweets: "FRAUD"

Gubernatorial Race

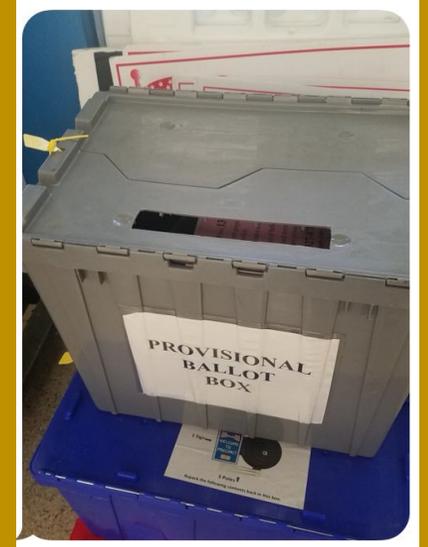
*Recount announced;
Gillum withdraws
concession*

Conservatives: #stopthesteal

10

Senate Race

*Rubio retweets
photo*



11

*Conservative protesters gather at Broward Elections Supervisor Office;
Rumors of unfairness circulate; later debunked*

Gubernatorial Race

*Machine recounts
continue*

12

Senate Race

*Machine recounts
continue*

13

14

Gubernatorial Race

15

Senate Race

Machine recounts due; Broward County misses deadline by two minutes

*Gillum gains only one vote;
Does not concede*

*Scott's leads by only 0.15%;
Manual recount triggered*

16

Gubernatorial Race

Gillum concedes

17

Senate Race

18

*Manual recount ends;
Nelson behind by 10,033
(compared to 12,603);
Nelson concedes*

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Twitter Data: Restrictions and Choices

Twitter API

Number of tweets

Time period

Variables

Going backwards: “Search” API

10% sample over last 7 days

Going forwards: “Filter” API

All tweets, up to 2% total Twitter traffic

For individual users

Up to 3200 past tweets; all future tweets

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Twitter Data: Restrictions and Choices

User Choices

When to begin collection

Backwards? Forwards?

Collection parameters

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Twitter Data: Restrictions and Choices

Our Data

We began collecting Nov. 14 (during machine recount)

*10% sample of tweets
from Nov. 6 (election day)
to Nov. 23 (five days after resolution)*

900,270 tweets

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Twitter Data: Restrictions and Choices

Our Data

Search parameters:

*#FloridaRecount
#FloridaRecount2018
#FloridaElection*

*#BrowardElections
#PalmBeachElections*

#CountEveryVote

#Gillum

#Sayfie

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Twitter Data: Restrictions and Choices

Our Data

Variables:

ID: unique ID of this specific tweet

User Screen Name: screen name of person posting tweet

Parsed Created At: day/time at which tweet was created

Text: entire text of tweet (including hashtags, RT, @, etc.)

Hashtags: #_____

Favorite count: number of times tweet was “liked”

Tweet type:

-original

-retweet (RT)

-reply (@mention)

-quote (of another tweet; URL)

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Twitter Data: Restrictions and Choices

Our Data

Variables:

For retweets (RT) and Replies (@mentions):

Retweet or Quote Screen Name:

User name of original tweeter; for retweets

In Reply To Screen Name:

User name of original tweeter; for @mentions

*Retweet count: Only for retweets: number of times
the original tweet was retweeted*

*Retweet or quote ID: ID of the tweet that is being
retweeted*

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Twitter Data: Restrictions and Choices

Our Data

Variables:

Tweet-specific additional information

Tweet URL: Twitter URL for this specific tweet

Media: media attached to tweet

URLs: URLs included in the text of the tweet

User-specific additional information

User followers count: Number of followers the user has

User friends count: Number of people the user follows

User statuses count: Total number of tweets the user has tweeted

User verified: Blue check is “true”; otherwise, “false”

User description: User’s self-determined description

User URLs: User’s self-determined URLs