Online Rumors, Misinformation and Disinformation: The Perfect Storms of Covid19 and Election2020

Kate Starbird

Associate Professor, Human Centered Design & Engineering, University of Washington

Co-Founder, UW Center for an Informed Public (CIP)

kstarbi@uw.edu

@katestarbird

US National Science Foundation

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Knight Foundation

Hewlett Foundation

Office of Naval Research

CENTER FOR AN INFORMED PUBLIC

UNIVERSITY of WASHINGTON

HCDE Human Centered Design & Engineering

Mis/Disinformation in Times of Covid

March 13 ·

Early heads up: I heard it through the grapevine that WA may soon be on a lock-down similar to NY or possibly Italy. Nobody in/nobody out and limited movement. So stock up now if you need to. This came from a nurse in a hospital (she was given the update today) and someone in the National Guard which has already been deployed for WA. I finally left the house today after 12 days in self-isolation to get some things that have been out of stock on Amazon and Thriftway was oddly busy at 1pm.

and 9 others

68 Comments

Lockdown Rumors, Mid-March, 2020

Mis/Disinformation in Times of Covid

*****Attention *****

Super important so please easy with the criticism:

Ways to know if you got the virus before is too late. Note: By the time you get the fever you got over 50% fibrosis in your lungs. By then is too late, you got bad infection in the lungs, which is very hard to recover from.

A way to test if you got it or not:
1. If you hold your breath for 10 seconds and you cough at the end or don't reach the count of ten call your doctor, your fibrosis is advance.

2. Drink water every 10 minutes to keep you mouth wet and throat, the virus don't live in the stomach.

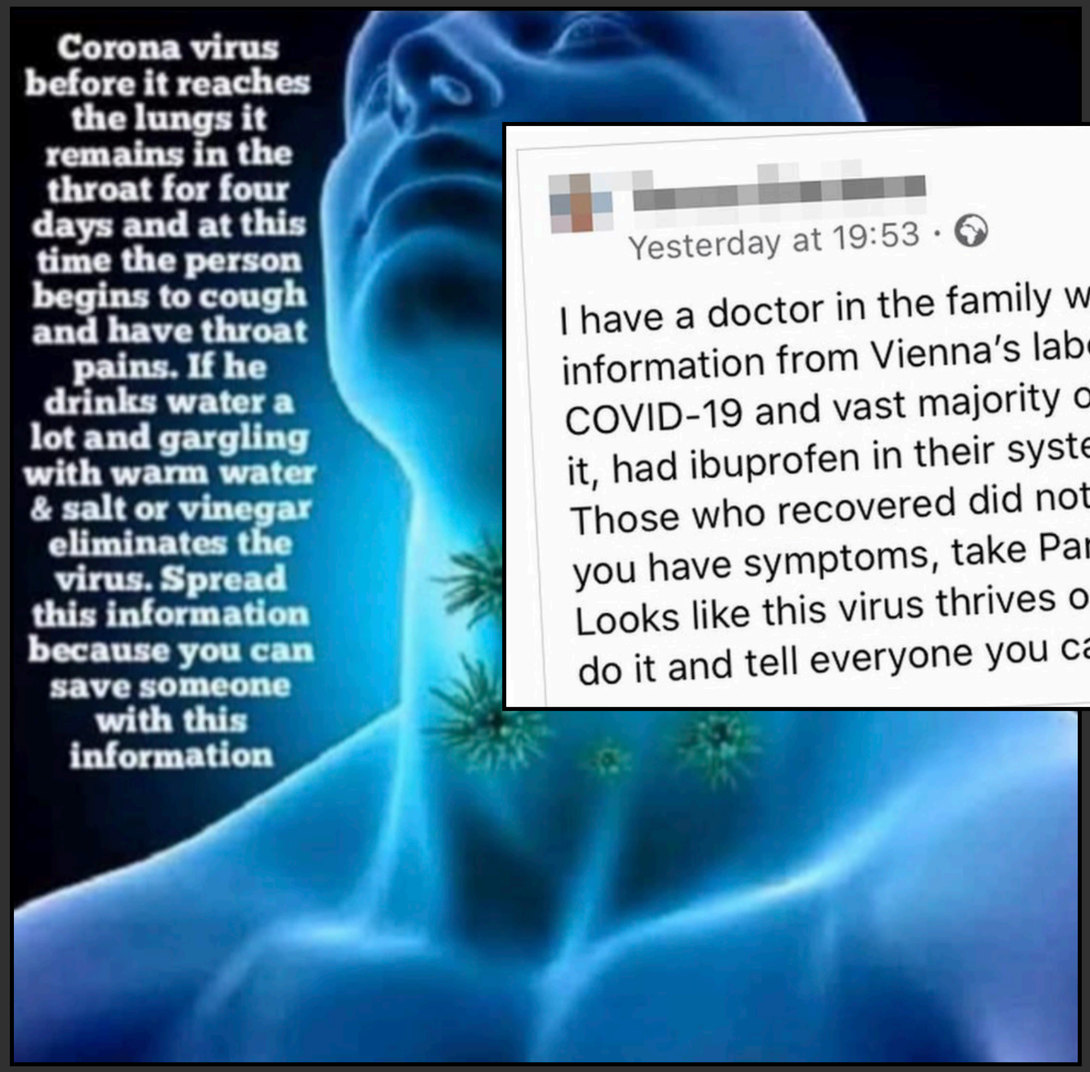
3. Do frequent gargles with warm water and salt.

4. Stay at home as much as Posible.

Best wishes to all.

*We are not medics but is what we finding by others that got affected.

Also the fever will be very high and it will affect you



[redacted]
Yesterday at 19:53 ·

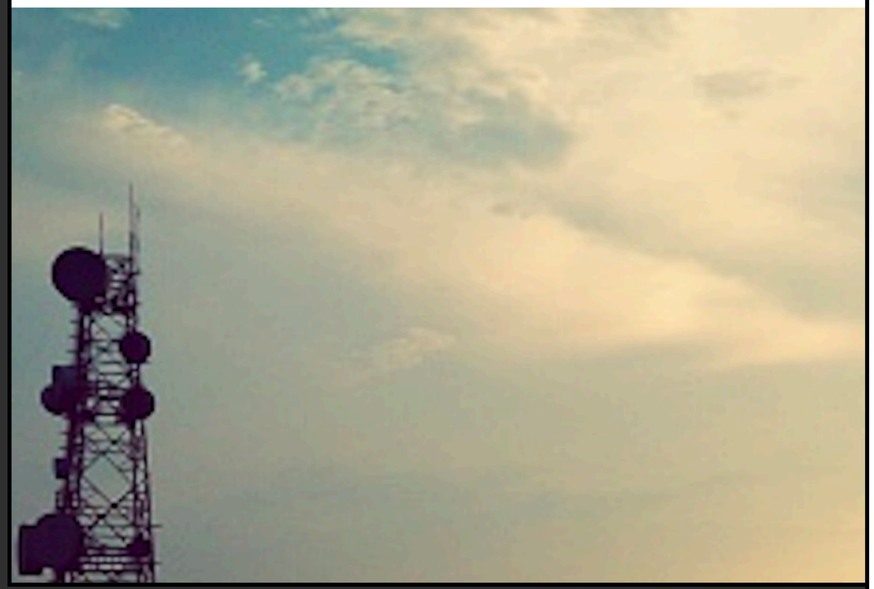
I have a doctor in the family who has been given information from Vienna's laboratory studying COVID-19 and vast majority of people who died of it, had ibuprofen in their system so do not take it!! Those who recovered did not take ibuprofen so if you have symptoms, take Paracetamol only!!! Looks like this virus thrives on ibuprofen so don't do it and tell everyone you can!!! T

Home Remedies, Spring/Summer 2020

Mis/Disinformation in Times of Covid

GOVERNMENT

Coronavirus conspiracy theorists threaten 5G cell towers, DHS memo warns



Retracted article

See the retraction notice

Editorial > J Biol Regul Homeost Agents. 2020 Jul 16;10.23812/20-269-E-4.

doi: 10.23812/20-269-E-4. Online ahead of print.

RETRACTED: 5G Technology and induction of coronavirus in skin cells

M Fioranelli [1], A Sepehri [1], M G Roccia [1], M Jafferany [2], O Y Olisova [3], K M Lomonosov [3], T Lotti [1 3]

Affiliations + expand

PMID: 32668870 DOI: 10.23812/20-269-E-4

Retraction in

RETRACTED: 5G Technology and induction of coronavirus in skin cells.

Fioranelli M, Sepehri A, Roccia MG, Jafferany M, Olisova OY, Lomonosov KM, Lotti T.

J Biol Regul Homeost Agents. 2020 Jul 16;34(4). doi: 10.23812/20-269-E-4R. Online ahead of print.

PMID: 32746604

Conspiracy Theories of Covid-19 Origins

Mis/Disinformation in Times of Covid



early May 2020, > 8 million views

Misinformation is Common during Crisis Events

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Why are we vulnerable to misinformation during crisis events?

Misinformation is Common during Crisis Events

Why are we vulnerable to misinformation during crisis events?

Uncertainty. Anxiety.

Misinformation is Common during Crisis Events

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Collective Sensemaking.

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Uncertainty. Anxiety.
Collective Sensemaking.
Collective sensemaking can go awry.
“Exploiters” target these events as opportunities.

Covid19 is a Perfect Storm:

persistent uncertainty, prolonged and acute impacts, distrust in authorities, displaced “gatekeepers”

Covid19 is a Perfect Storm:

persistent uncertainty, prolonged and acute impacts,
distrust in authorities, displaced “gatekeepers”

a heavily politicized information space,
“wired” for disinformation

Election 2020 was a “crisis” as well:

unprecedented and dynamic impacts from Covid-19,
uncertainty due to delays counting mail-in votes,
political influencers sowing distrust in results,
heavily politicized and polarized information space

Misinformation vs. Disinformation

Misinformation

Information that is false, but not necessarily intentionally false.

Disinformation

False or misleading information that is purposefully seeded and/or spread for a specific objective — e.g. financial or political.

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Functions (not as a single piece of content), but as a campaign.

***Pervasive disinformation* erodes the foundations of democratic societies**

Disinformation in 2016: Foreign, Inauthentic, Coordinated

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Disinformation in 2020: Domestic, Authentic, Organic/Cultivated



Stanford | Internet Observatory *Cyber Policy Center*

Graphika

DFRLab

CENTER FOR AN INFORMED PUBLIC
UNIVERSITY of WASHINGTON

mid-Aug thru Dec, 2020

120 researchers

partners in government,
tech platforms, civil society



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Conducted rapid analysis of information threats:

- False/misleading information about election procedures
- Information that could lead to voter suppression
- Information that enacts or encourages voter fraud
- **False/misleading information that functions to sow doubt in election results**

A Domestic Disinformation Campaign

Benkler, Yochai, Casey Tilton, Bruce Etling, Hal Roberts, Justin Clark, Robert Faris, Jonas Kaiser, and Carolyn Schmitt. "Mail-In Voter Fraud: Anatomy of a Disinformation Campaign." *Available at SSRN* (2020).



Donald J. Trump ✓
@realDonaldTrump

RIGGED 2020 ELECTION: MILLIONS OF MAIL-IN BALLOTS WILL BE PRINTED BY FOREIGN COUNTRIES, AND OTHERS. IT WILL BE THE SCANDAL OF OUR TIMES!

4:16 AM · Jun 22, 2020 · Twitter for iPhone

91.7K Retweets **31.7K** Quote Tweets **286.5K** Likes



ELIJAH RIOT ✓
@ElijahSchaffer

SHOCKING: 1,000+ mail-in-ballots found in a dumpster in California

They were allegedly discovered in the Republic Services of Sonoma County central landfill

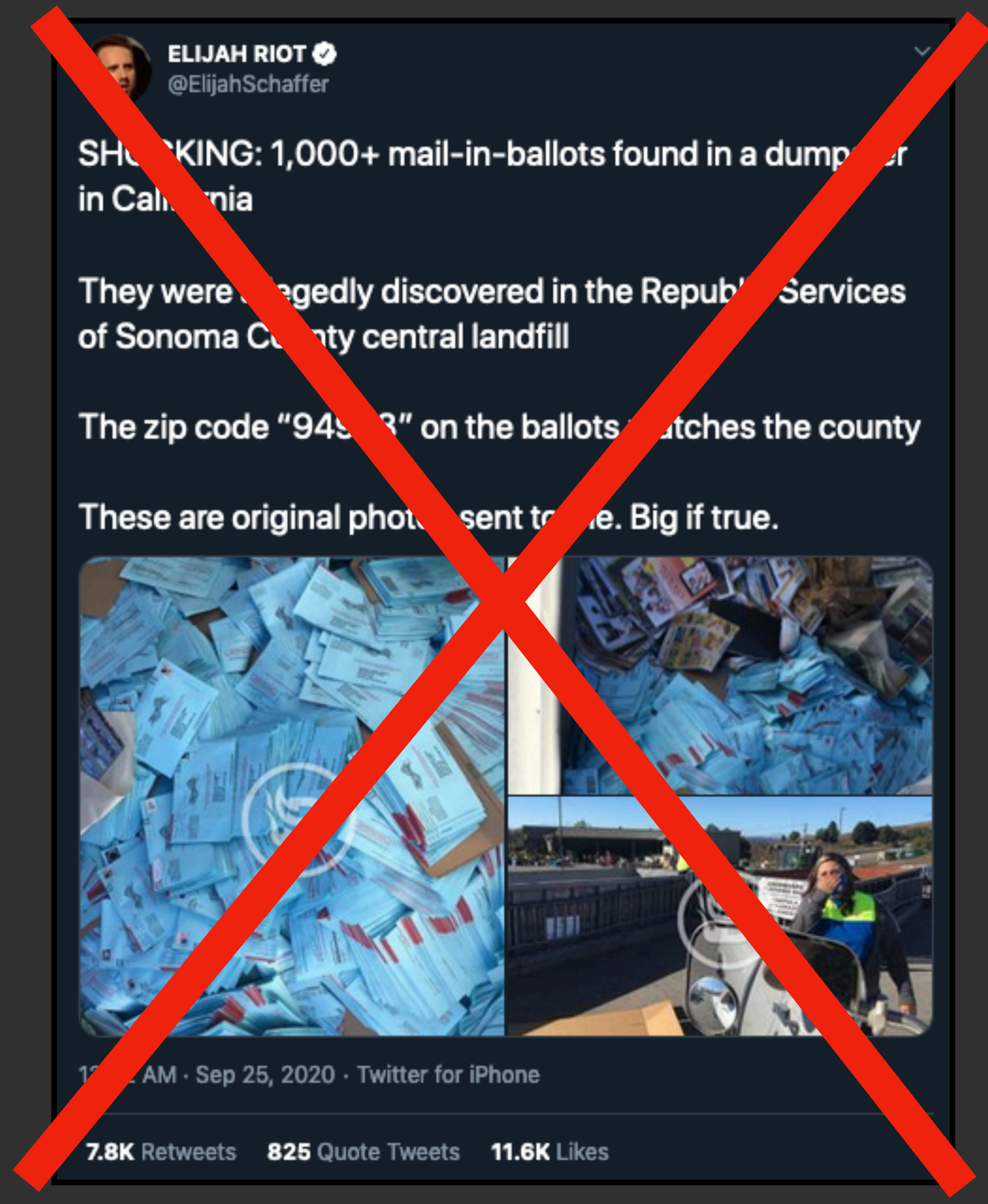
The zip code "94928" on the ballots matches the county

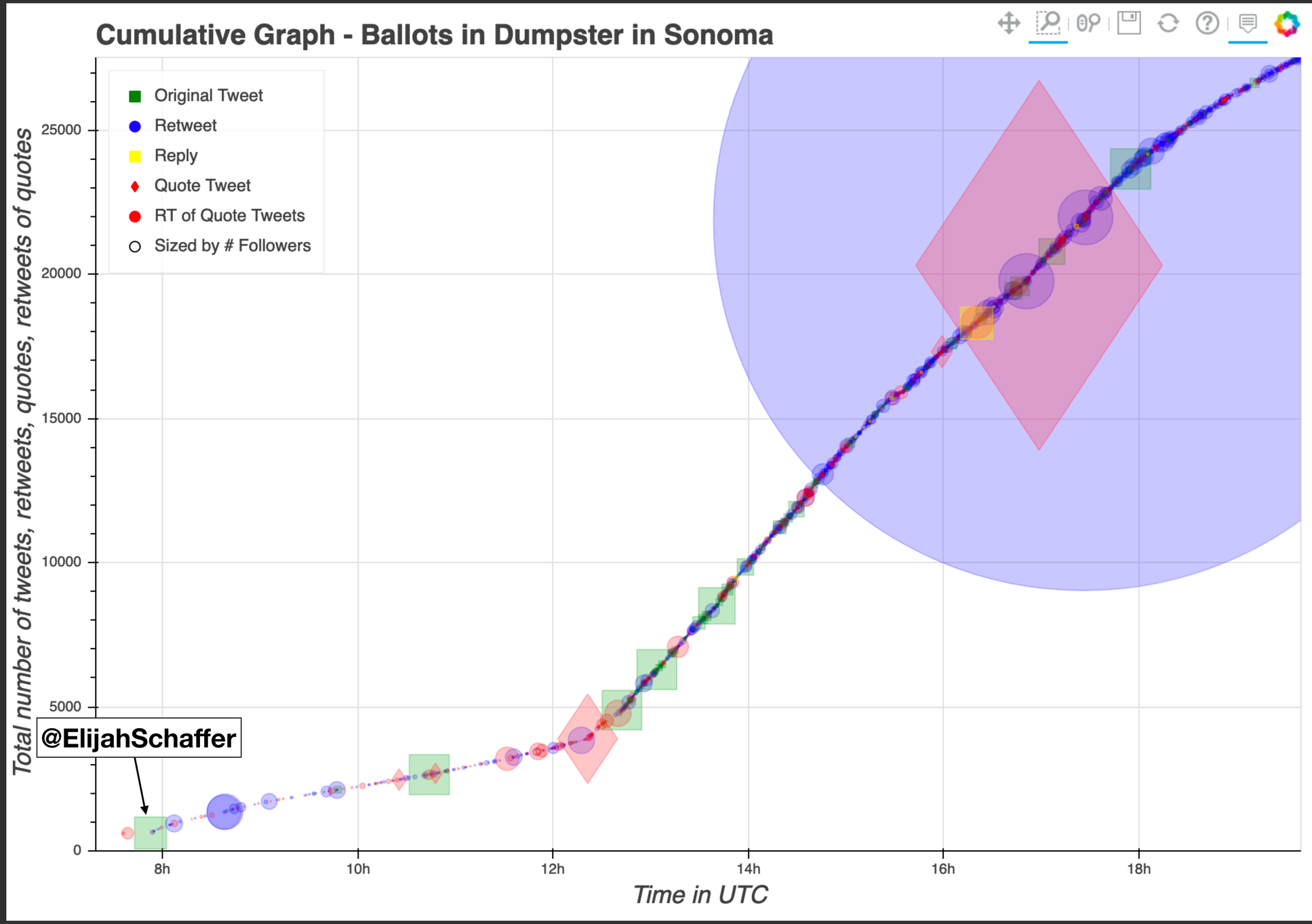
These are original photos sent to me. Big if true.

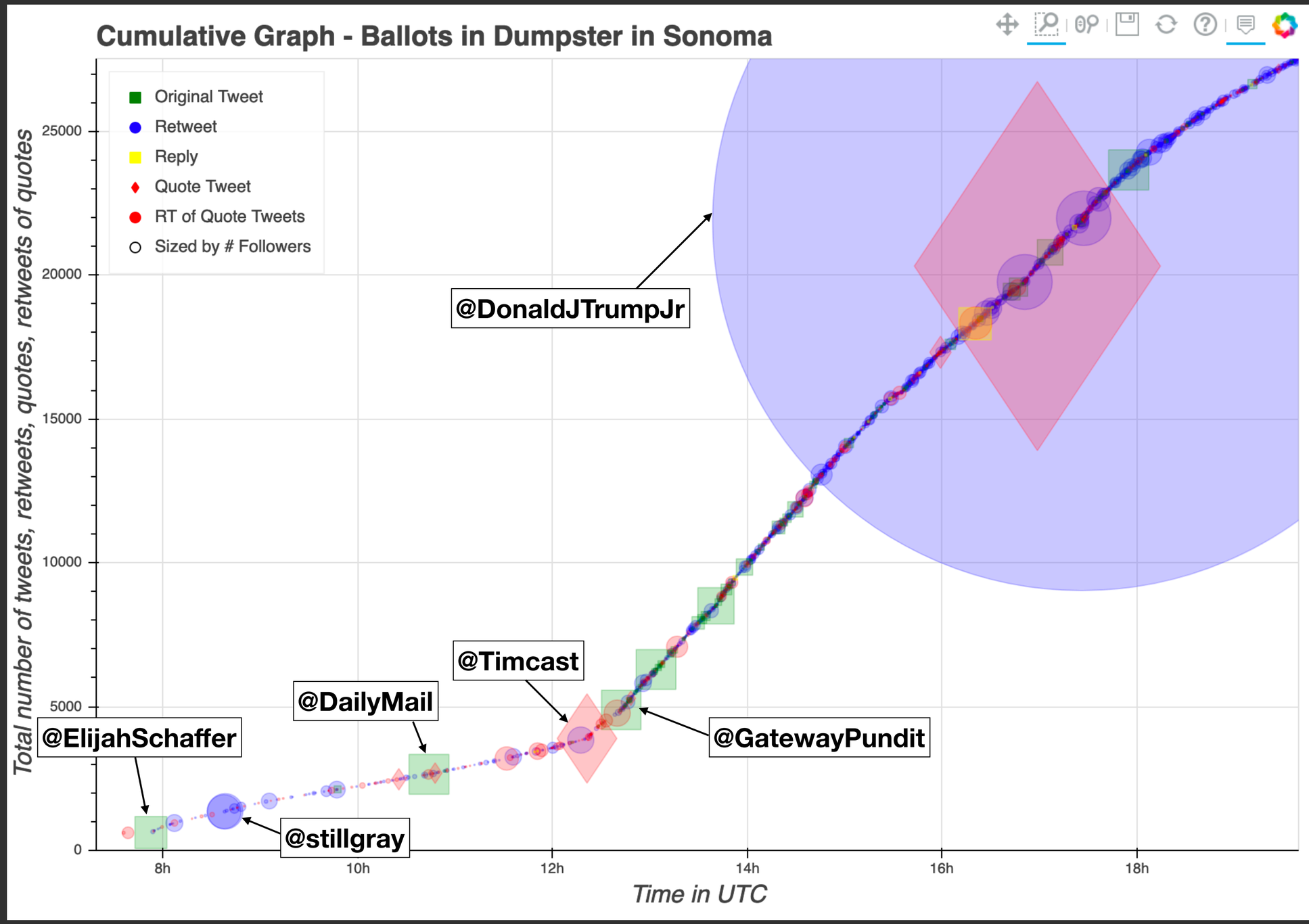


12:52 AM · Sep 25, 2020 · Twitter for iPhone

7.8K Retweets **825** Quote Tweets **11.6K** Likes


ELIJAH RIOT
@ElijahSchaffer
SHOCKING: 1,000+ mail-in-ballots found in a dumpster in California
They were allegedly discovered in the Republic Services of Sonoma County central landfill
The zip code "94503" on the ballots matches the county
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AM · Sep 25, 2020 · Twitter for iPhone
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Cumulative Graph - Ballots in Dumpster in Sonoma
Original Tweet
Retweet
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Quote Tweet
RT of Quote Tweets
Sized by # Followers
Total number of tweets, retweets, quotes, retweets of quotes
0
5000
10000
15000
20000
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14h
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@DonaldJTrumpJr
@Timcast
@DailyMail
@ElijahSchaffer
@GatewayPundit
@stillgray

Disinformation on “the Left”

Disinformation on “the Right”

Networks of politically-motivated “information activists,”
social media influencers,
and hyper-partisan media outlets
were repeatedly picking up “evidence” of voting concerns,
framing that evidence in misleading ways,
and strategically amplifying that content
to support meta-narratives
that undermined trust in the election.

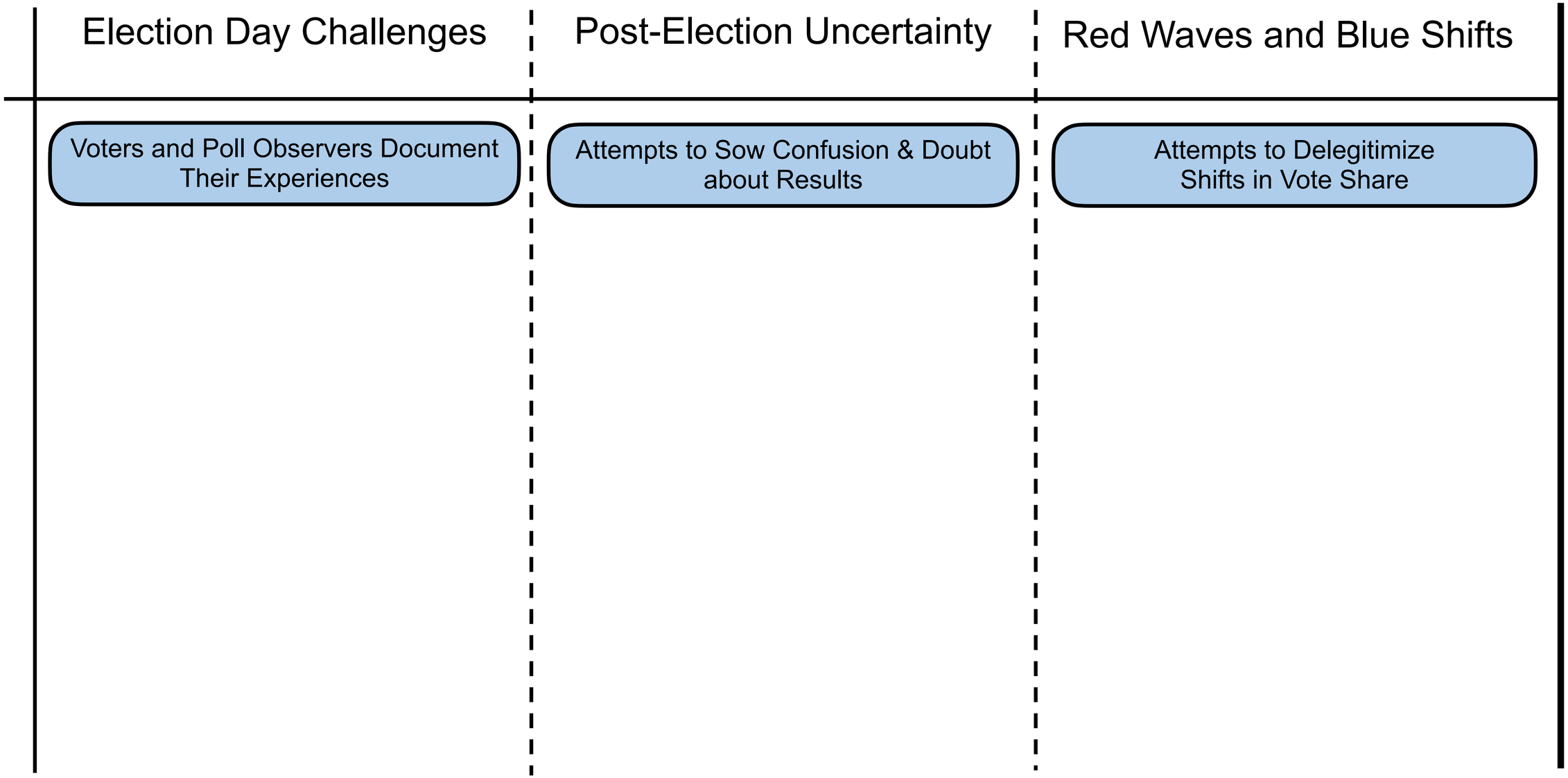
The Disinformation Campaign Continued into the Election and Beyond

What to Expect on Election Day (and Beyond)

Published October 26, 2020

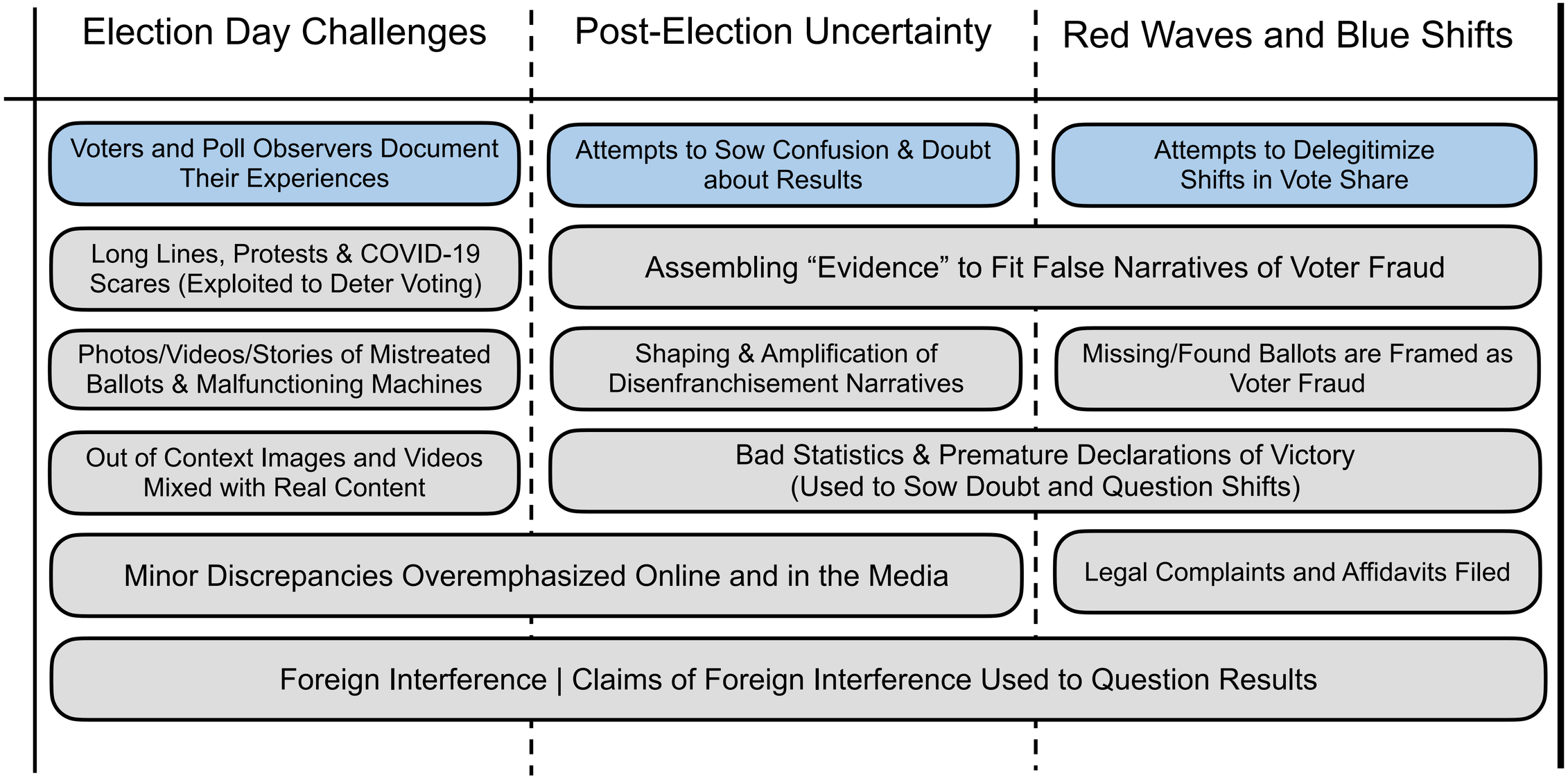
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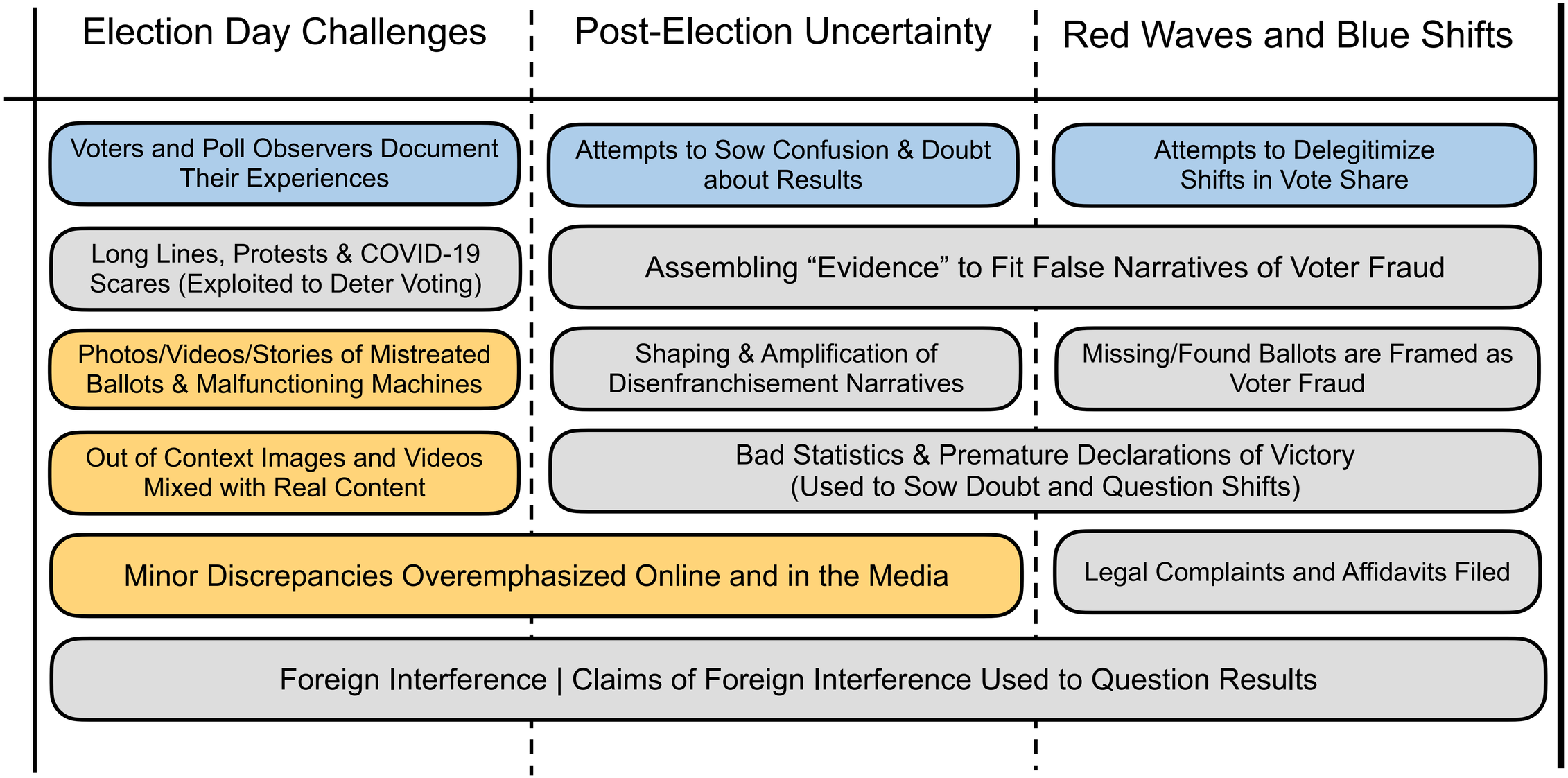
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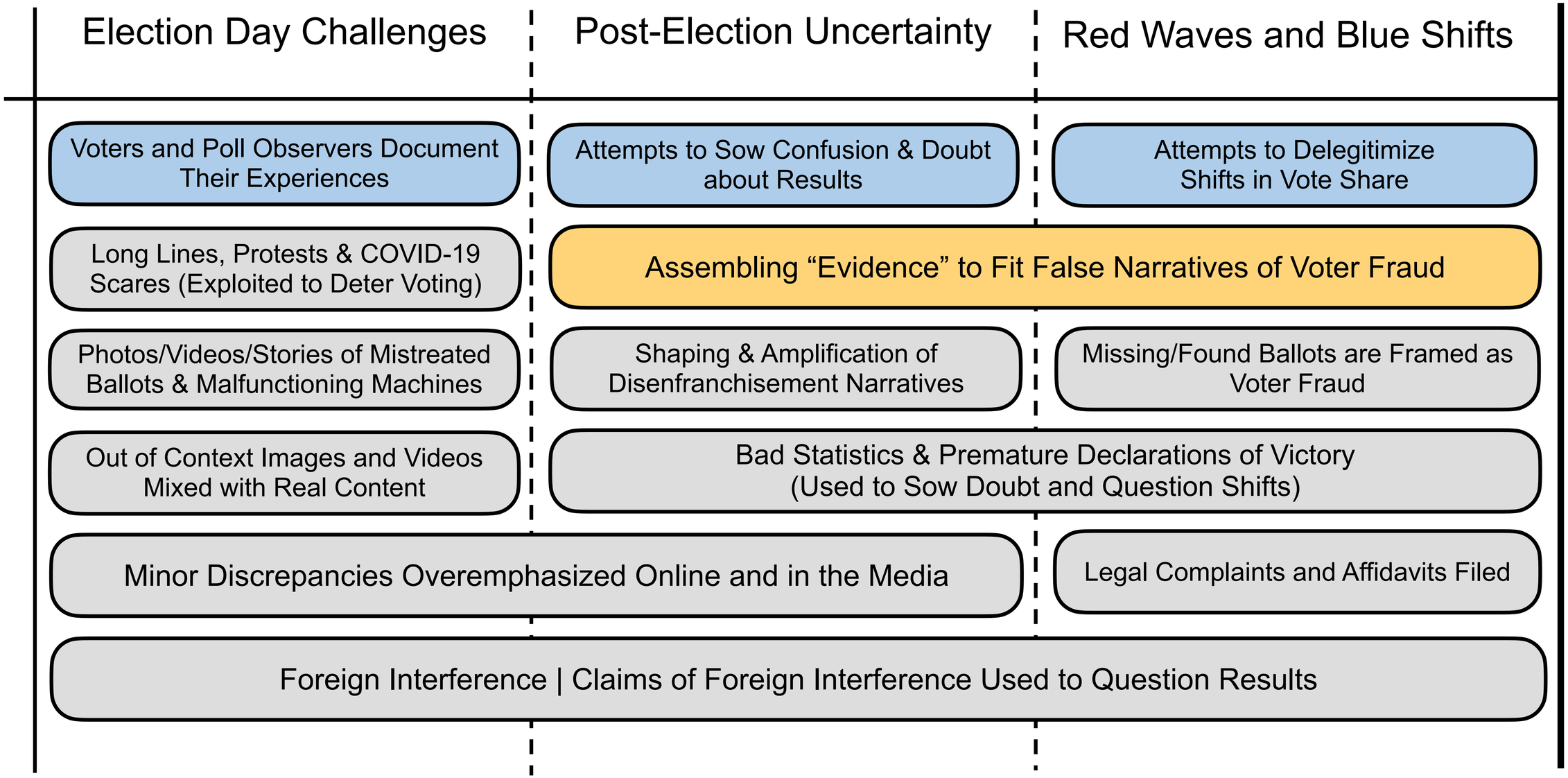
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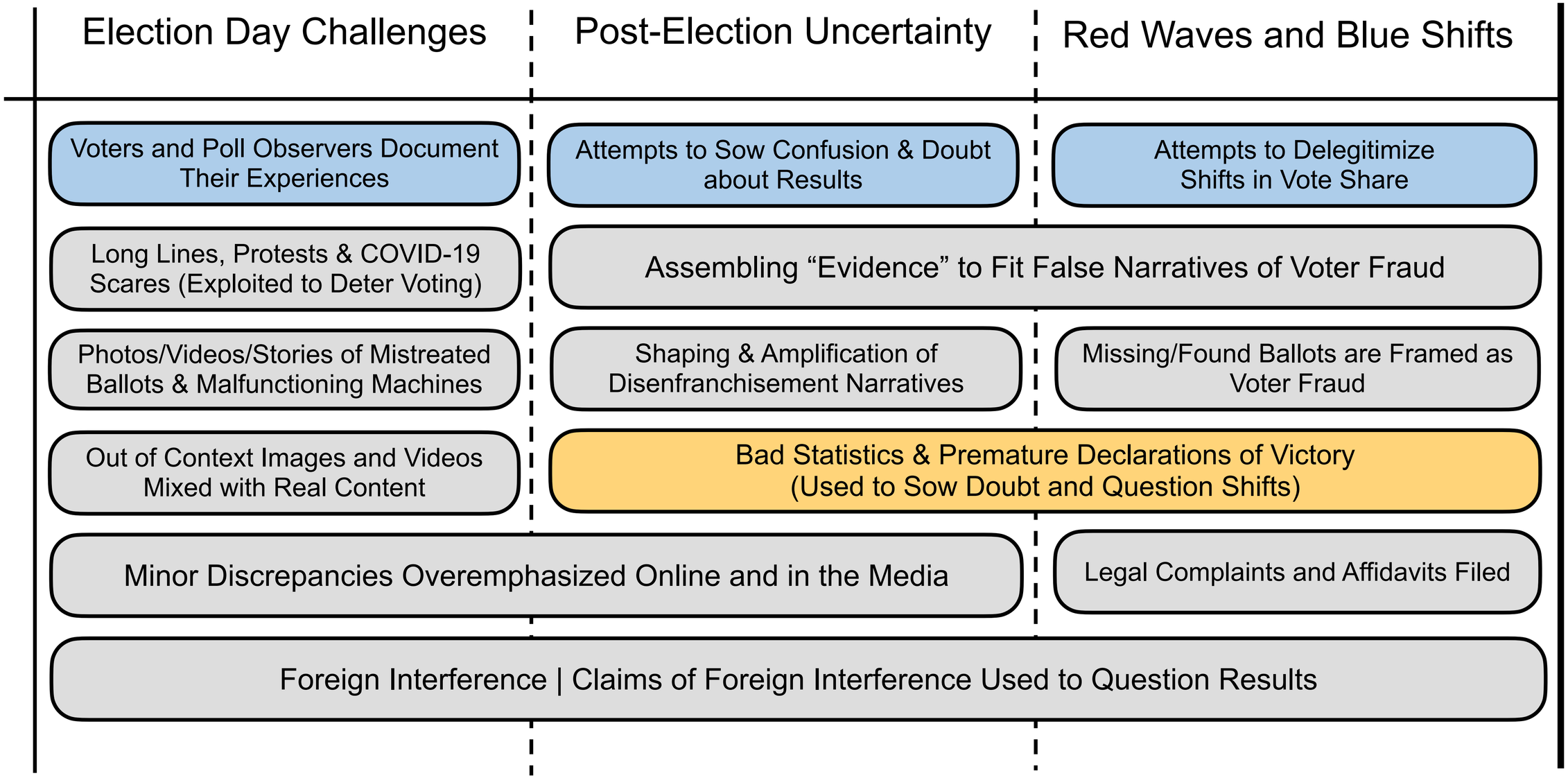
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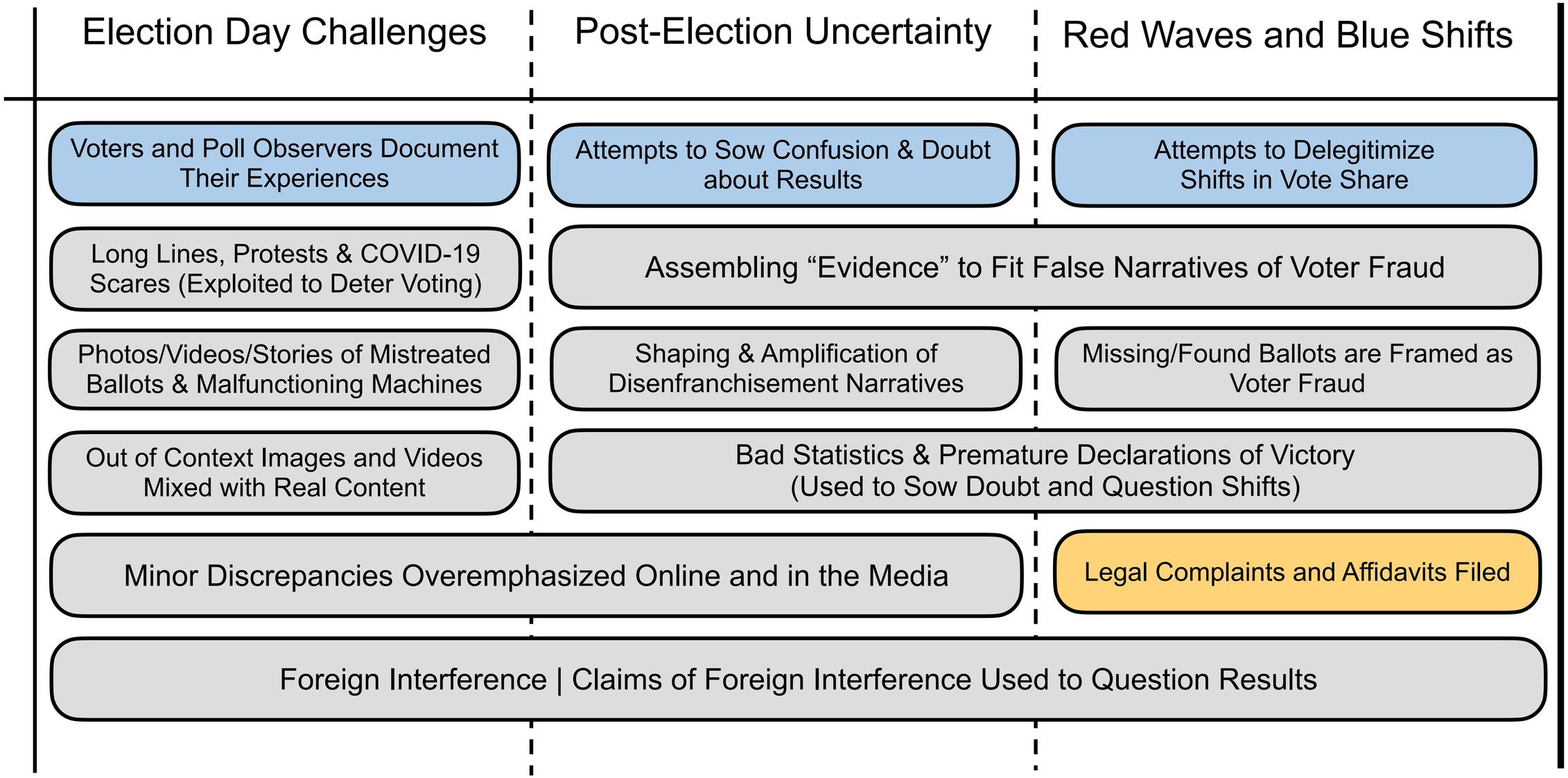
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Post Election: Persist Disinformation Campaign

November 2020 - January 2021

A Persistent Disinformation Campaign to Claim Massive Voter Fraud

False/Misleading Claims that Observers were Denied Access (to Cover Cheating)

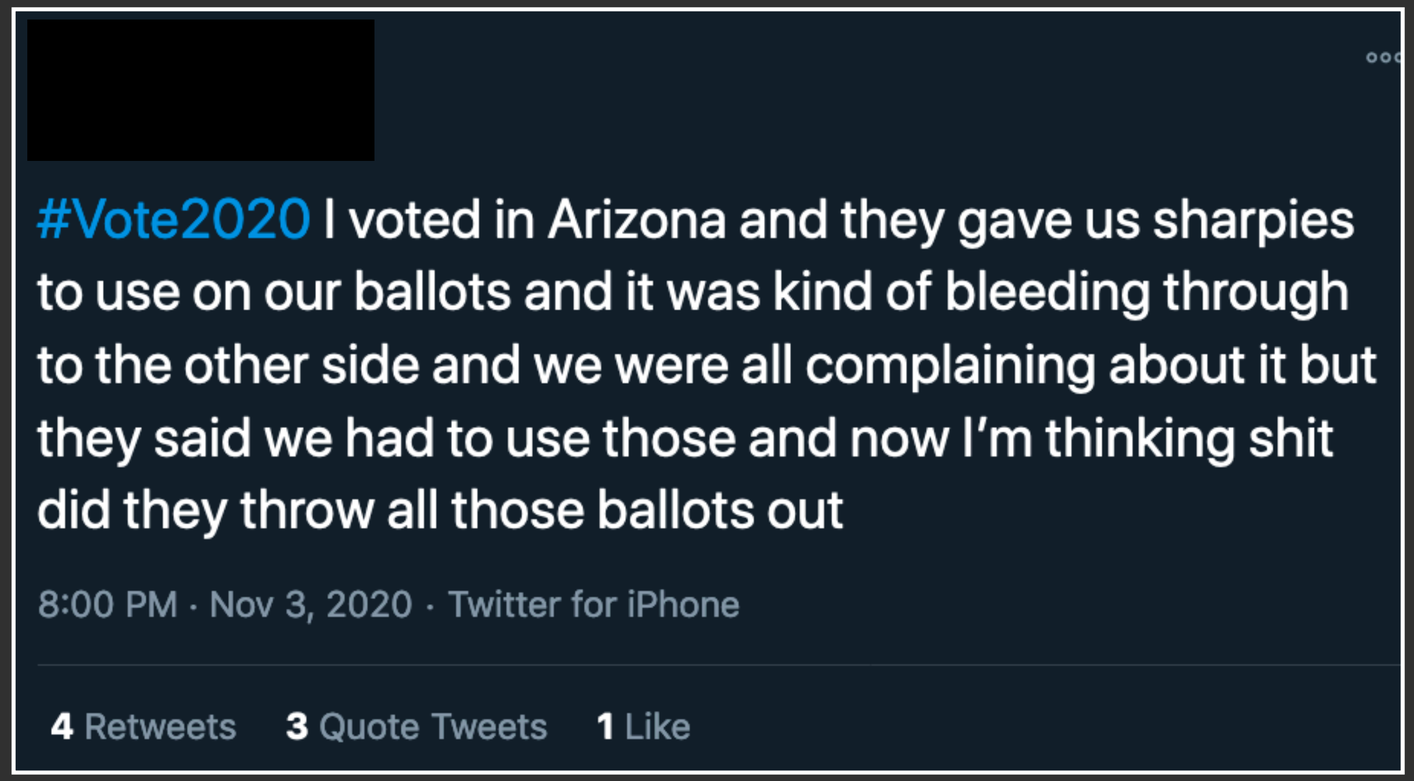
False Claims of People Moving Ballots in Suitcases

False Claims about Large Numbers of Dead People Voting

Claims that Voting Machines or Software Systems Switched Votes to Biden

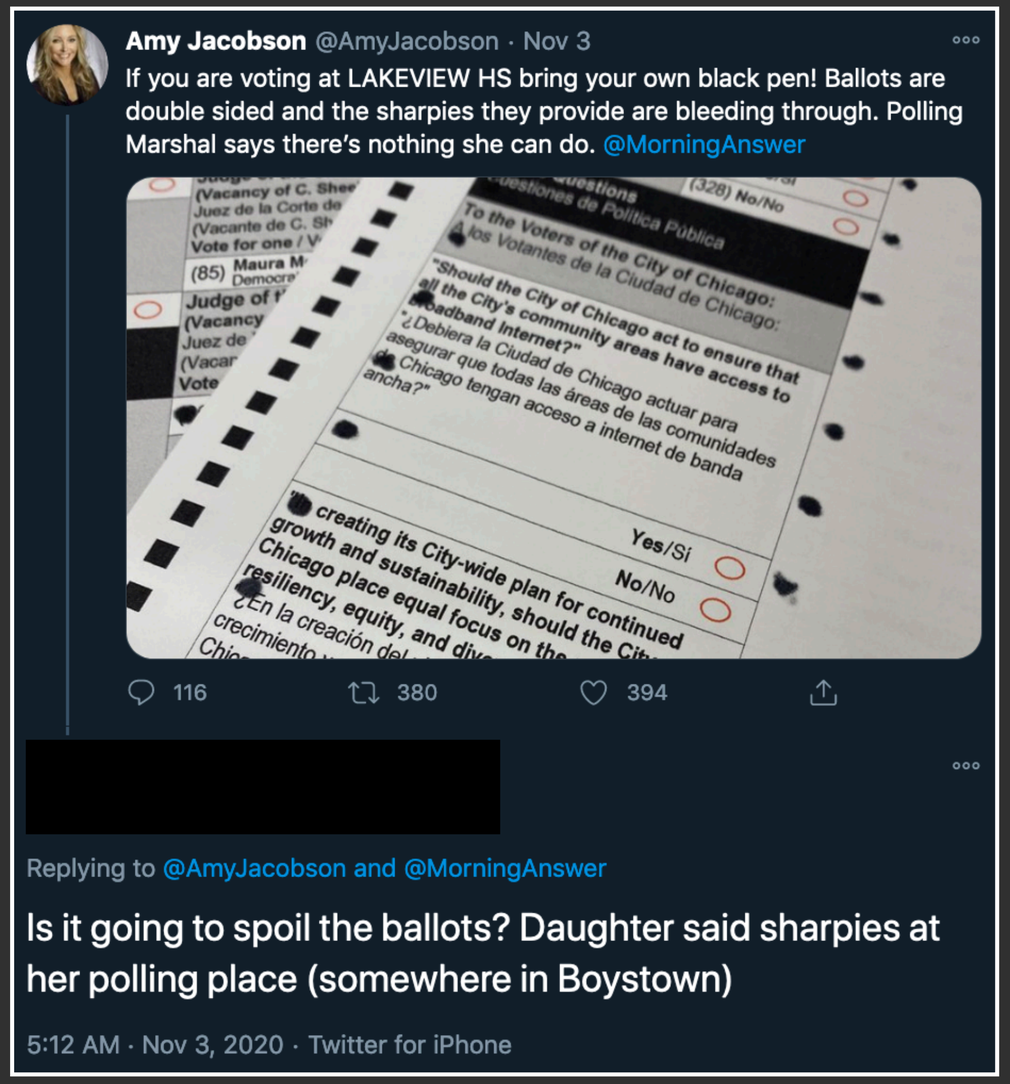
Torturing Statistics to Claim “Evidence” of Massive Voter Fraud

#SHARPIEGATE

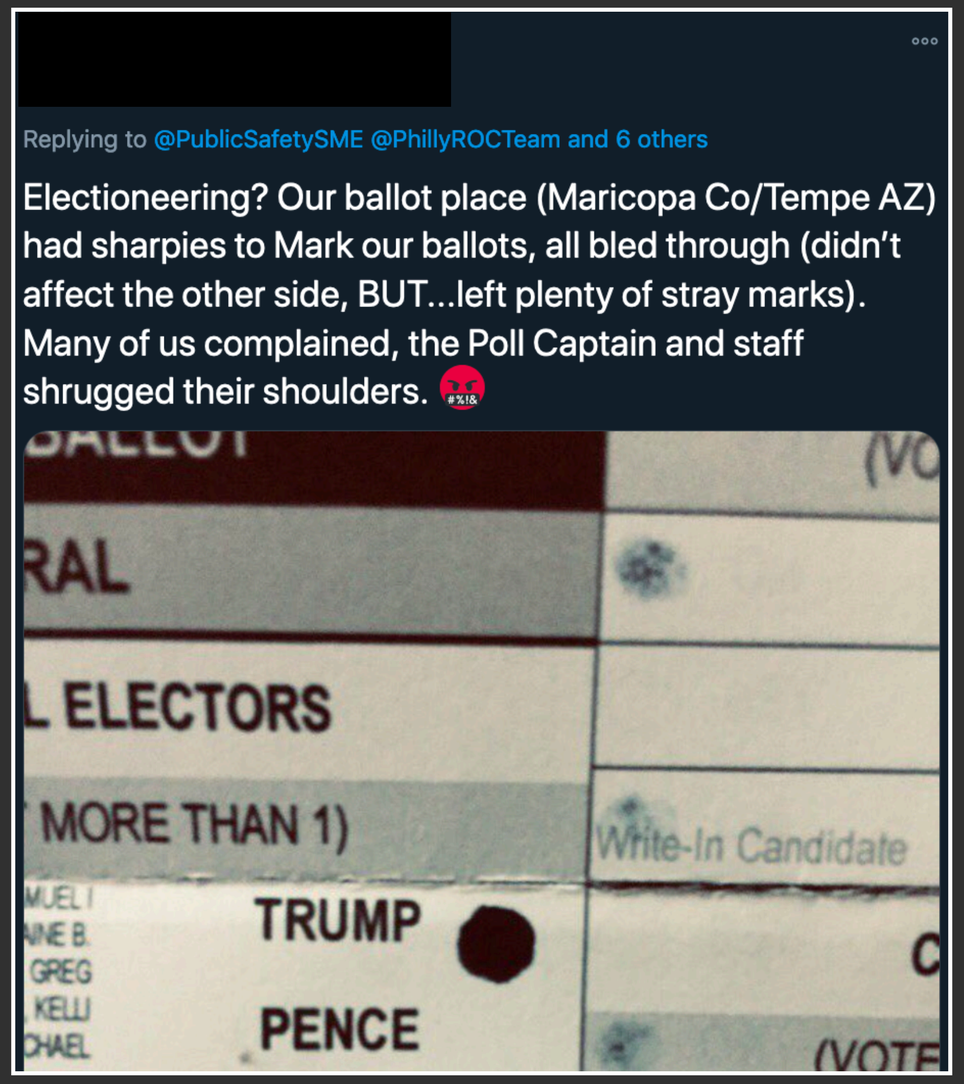


Concerns that Sharpie pens were invalidating votes

#SHARPIEGATE

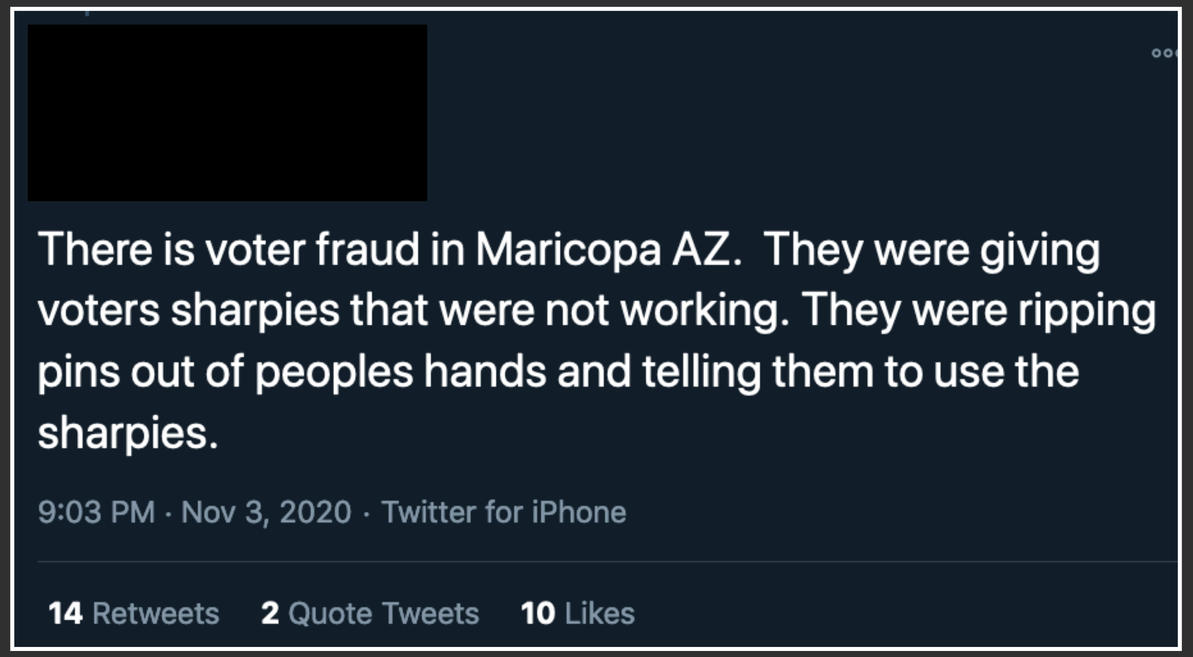


Concern



Suspicion

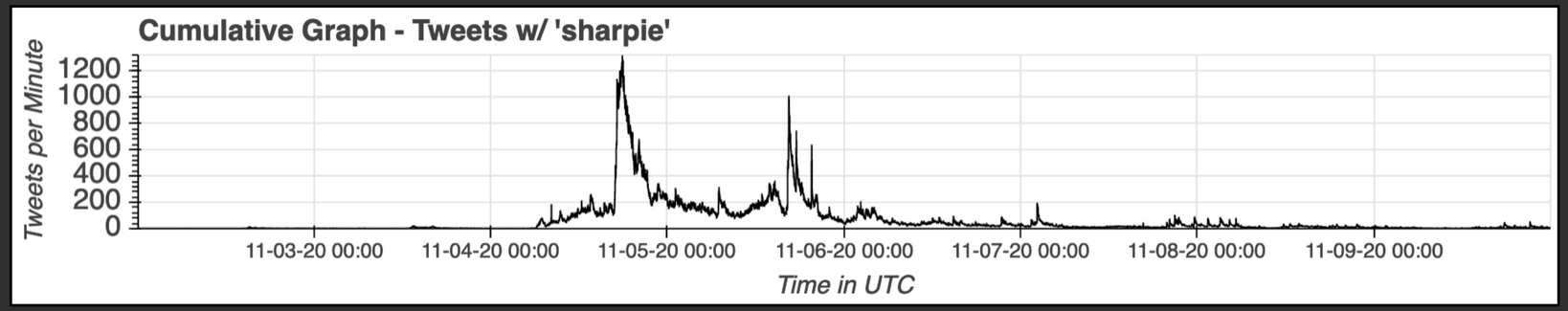
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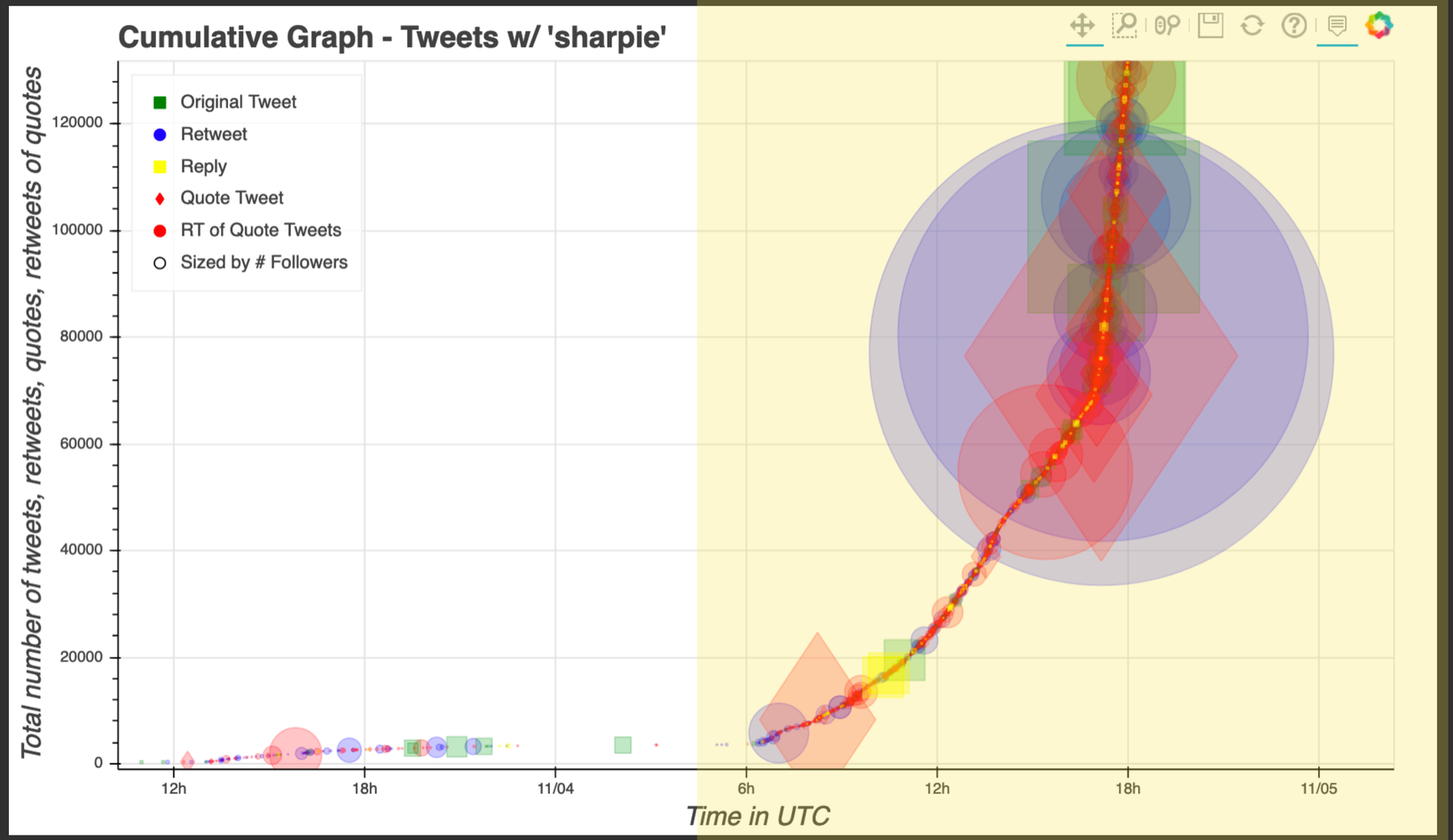


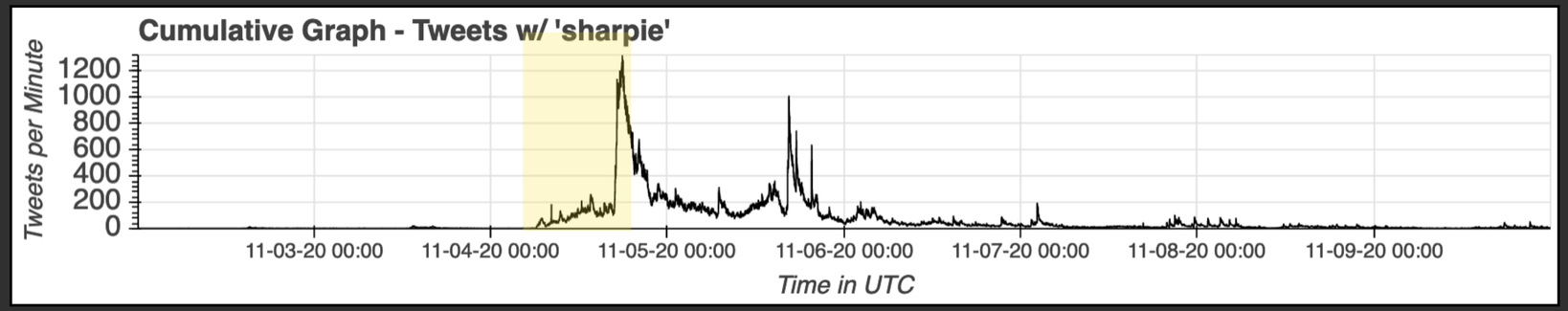
Accusation

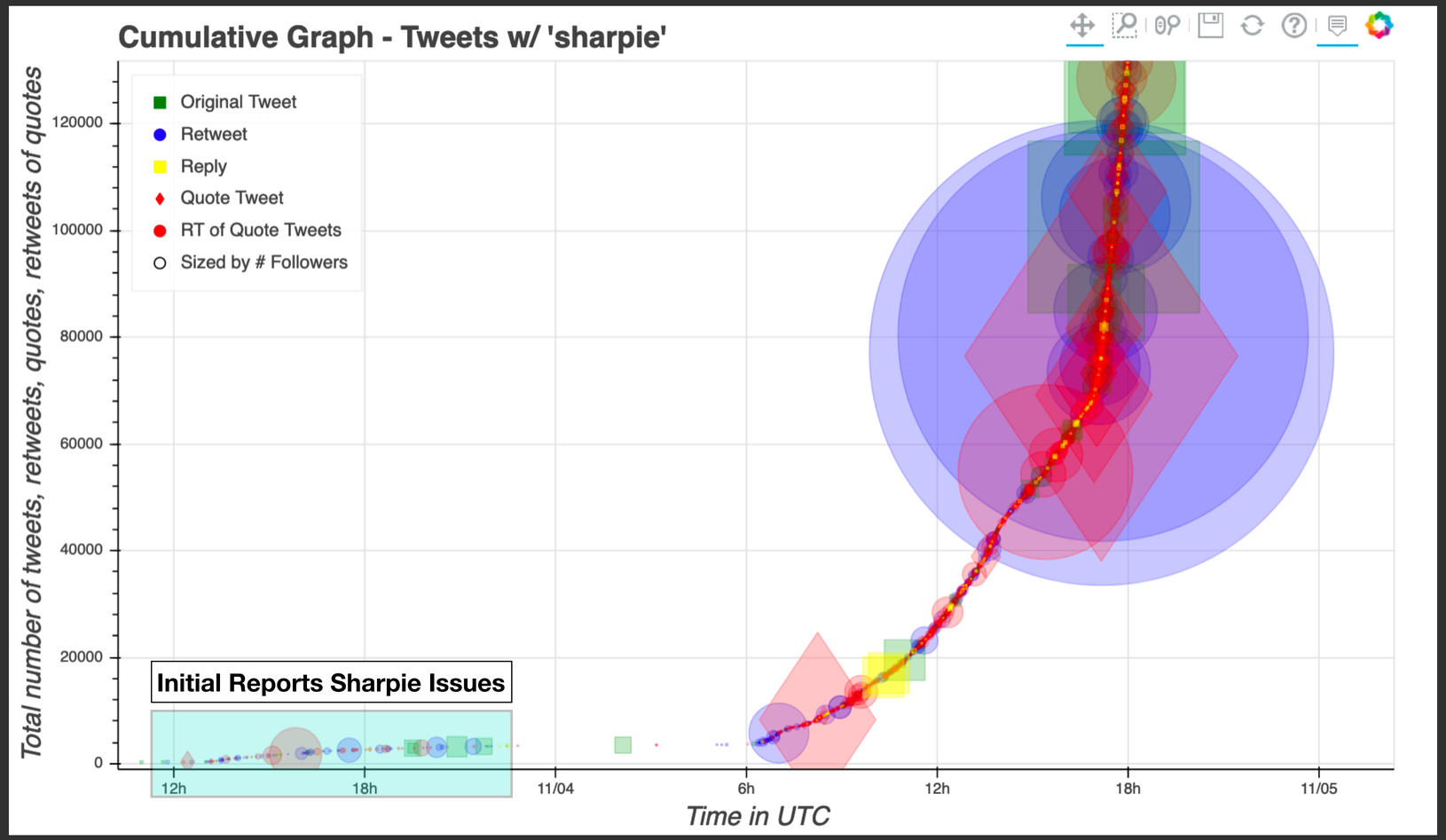
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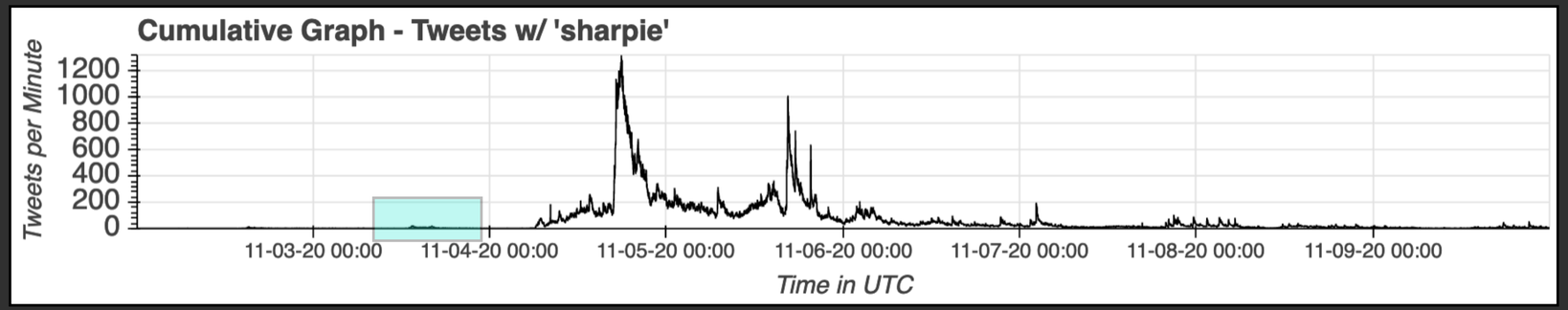


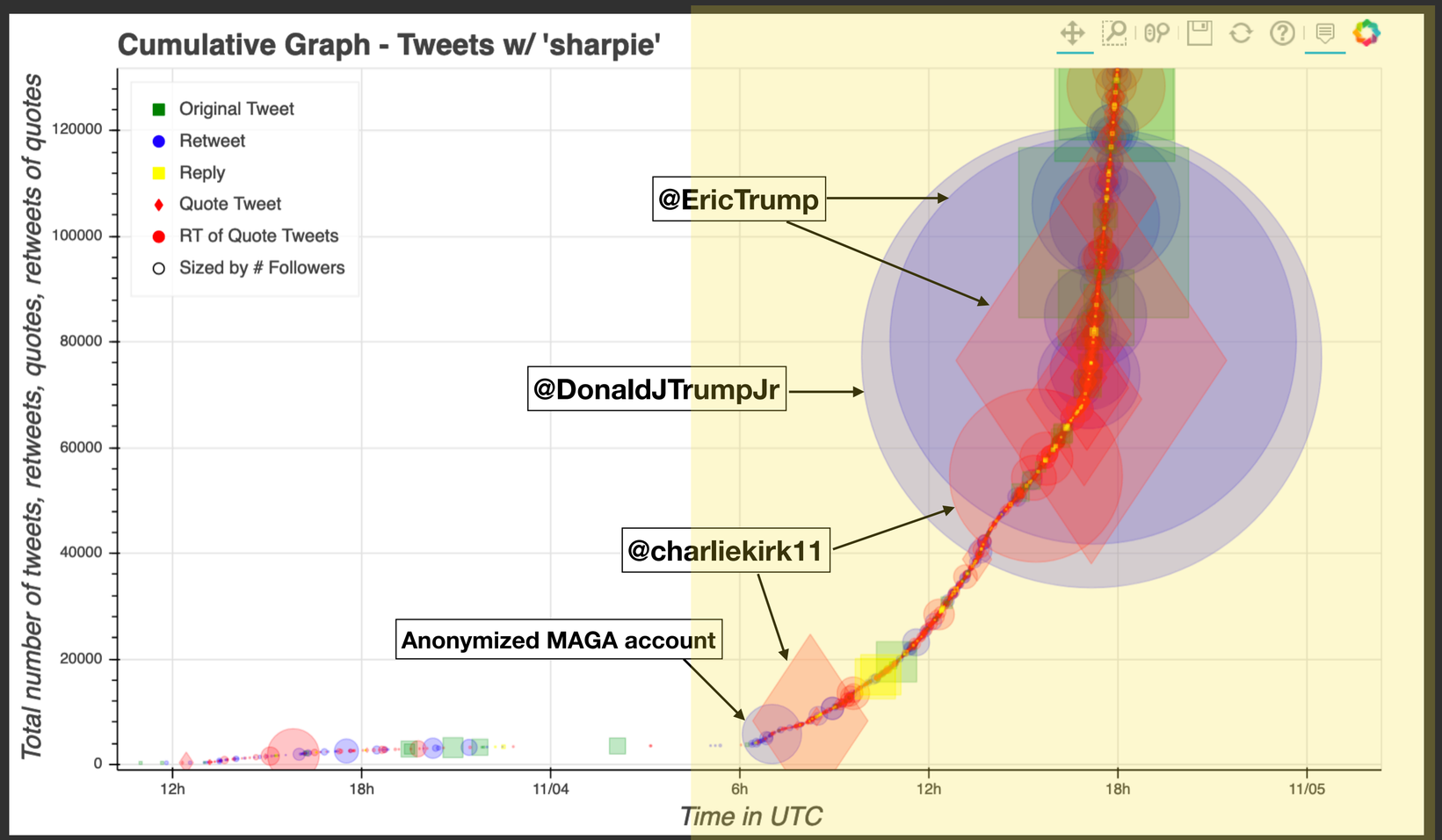
~700,000 tweets with the word “sharpie”

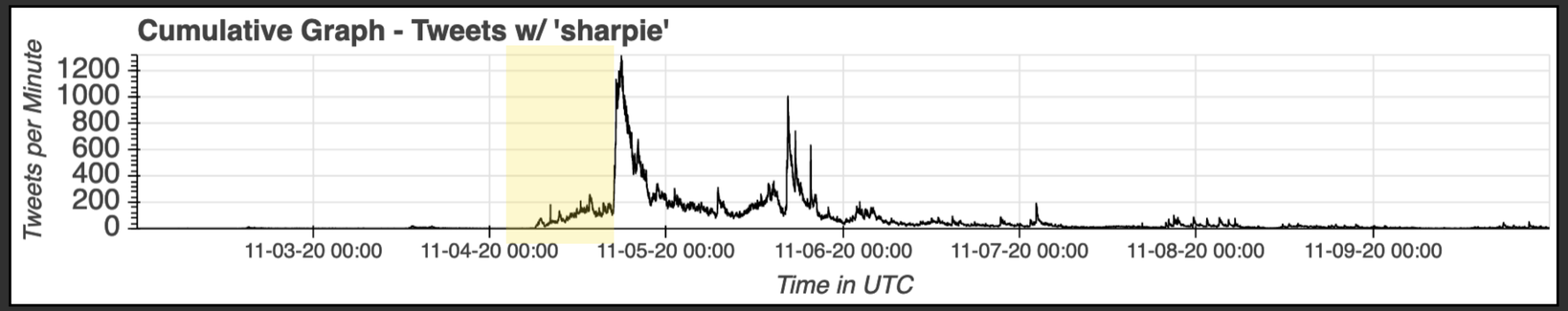

Cumulative Graph - Tweets w/ 'sharpie'
Original Tweet
Retweet
Reply
Quote Tweet
RT of Quote Tweets
Sized by # Followers
Total number of tweets, retweets, quotes, retweets of quotes
120000
100000
80000
60000
40000
20000
0
12h
18h
11/04
6h
12h
18h
11/05
Time in UTC


Cumulative Graph - Tweets w/ 'sharpie'
Tweets per Minute
1200
1000
800
600
400
200
0
11-03-20 00:00
11-04-20 00:00
11-05-20 00:00
11-06-20 00:00
11-07-20 00:00
11-08-20 00:00
11-09-20 00:00
Time in UTC


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RT of Quote Tweets
Sized by # Followers
Total number of tweets, retweets, quotes, retweets of quotes
120000
100000
80000
60000
40000
20000
0
Initial Reports Sharpie Issues
12h
18h
11/04
6h
12h
18h
11/05
Time in UTC


Cumulative Graph - Tweets w/ 'sharpie'
Tweets per Minute
1200
1000
800
600
400
200
0
11-03-20 00:00
11-04-20 00:00
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11-07-20 00:00
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100000
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60000
40000
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0
@EricTrump
@DonaldJTrumpJr
@charliekirk11
Anonymized MAGA account
12h
18h
11/04
6h
12h
18h
11/05
Time in UTC


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1200
1000
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600
400
200
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11-04-20 00:00
11-05-20 00:00
11-06-20 00:00
11-07-20 00:00
11-08-20 00:00
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Time in UTC

Disinformation is Participatory

Pres. Trump and his campaign didn't just prime his audience to be receptive to false narratives of voter fraud, they inspired them to produce those narratives and then echoed those false claims back to them.

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Top-down AND Bottom-up

The Networks are “Wired” for Disinformation

Repeat Offenders | Disinfo Influencers

User Screen Name	Followers	Incidents Pushing False Claims	Retweets in Incidents
RealJamesWoods	2738431	27	403950
gatewaypundit	424431	25	200782
DonaldJTrumpJr	6392929	24	460044
TomFitton	1328746	21	193794
realDonaldTrump	88965710	21	1939362
JackPosobiec	1211549	20	188244
catturd2	436601	17	66039
ChuckCallesto	311517	16	132104
EricTrump	4580170	16	484425
charliekirk11	1915729	14	239609
marklevinshow	2790699	12	90157
prayingmedic	437976	12	57165
JamesOKeefeIII	1021505	12	625272
cjtruth	256201	12	66698
RichardGrenell	691441	11	143363
pnjaban	208484	11	58417
TheRightMelissa	497635	10	73932
mikeroman	29610	10	128726
BreitbartNews	1647070	10	38405
seanhannity	5599939	10	96641

Accounts that appeared in several mis/disinfo cascades about Election Integrity

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seanhannity	5599939	10	96641

Accounts that appeared in several mis/disinfo cascades about Election Integrity

Repeat Offenders | Disinfo Influencers

User Screen Name	Followers	Incidents Pushing False Claims	Retweets in Incidents
RealJamesWoods	2738431	27	403950
gatewaypundit	424431	25	200782
DonaldJTrumpJr	6392929	24	460044
TomFitton	1328746	21	193794
realDonaldTrump	88965710	21	1939362
JackPosobiec	1211549	20	188244
catturd2	436601	17	66039
ChuckCallesto	311517	16	132104
EricTrump	4580170	16	484425
charliekirk11	1915729	14	239609
marklevinshow	2790699	12	90157
prayingmedic	437976	12	57165
JamesOKeefeIII	1021505	12	625272
cjtruth	256201	12	66698
RichardGrenell	691441	11	143363
pnjaban	208484	11	58417
TheRightMelissa	497635	10	73932
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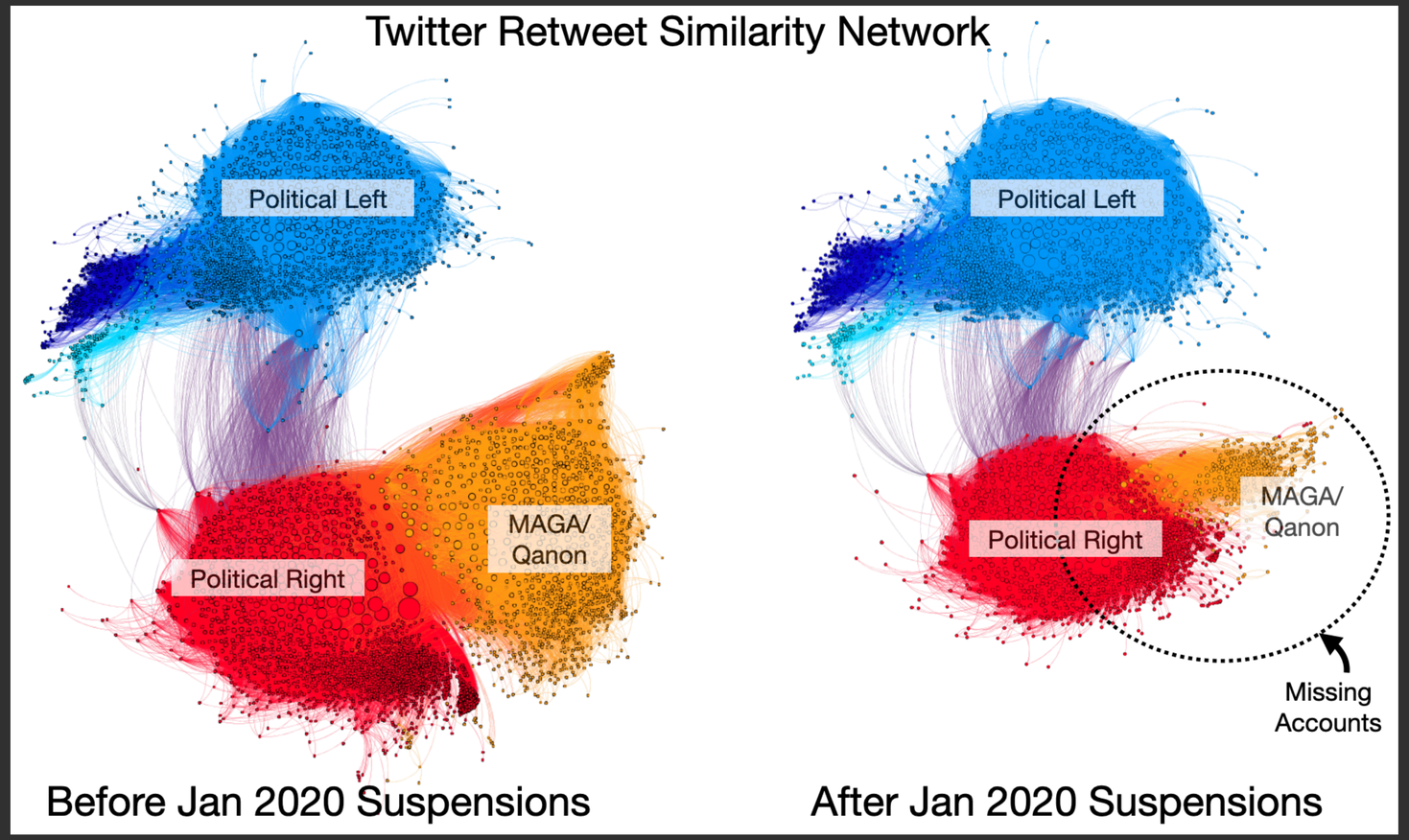
Online Disinformation is Participatory

The Networks are “Wired” for Disinformation


TRUMP

So what do we do now?


@realDonaldTrump
Account suspended
Twitter suspends accounts which violate the Twitter Rules



Twitter suspended 70,000 other accounts, include Qanon influencers



Platform Policy Design:
Develop Clear and Transparent Policies that Enable Rapid and Decisive Action



Photograph by Raphaël Thiémard

Students and Postdoctoral Fellows

Ahmer Arif, Joe Bak-Coleman, Andrew Beers, Nicole Buckley, Sonia Fereidooni, Melinda McClure Haughey, Ian Kennedy, Kolina Koltai, Joey Schafer, Rachel Moran, Tom Wilson, Ian Wisemore, Himanshu Zade, Martin Zhang

Collaborators

Emma Spiro and Jevin West, UW iSchool
Michael Caulfield, Washington State University
Alex Stamos & Renee DiResta, Stanford Internet Observatory
Election Integrity Partnership

Kate Starbird

kstarbi@uw.edu
@katestarbird
emCOMP Lab

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Gates Ventures

Research Support

Paul Lockaby, UW Center for an Informed Public

CENTER FOR AN INFORMED PUBLIC
UNIVERSITY of WASHINGTON

HCDE Human Centered Design & Engineering



Donald J. Trump
@realDonaldTrump

RIGGED 2020 ELECTION: MILLIONS OF MAIL-IN BALLOTS WILL BE PRINTED BY FOREIGN COUNTRIES, AND OTHERS. IT WILL BE THE SCANDAL OF OUR TIMES!

4:16 AM · Jun 22, 2020 · Twitter for iPhone

91.7K Retweets **31.7K** Quote Tweets **286.5K** Likes



Donald J. Trump
@realDonaldTrump

RIGGED 2020 ELECTION: MILLIONS OF MAIL-IN BALLOTS WILL BE PRINTED BY FOREIGN COUNTRIES, AND OTHERS. IT WILL BE THE SCANDAL OF OUR TIMES!

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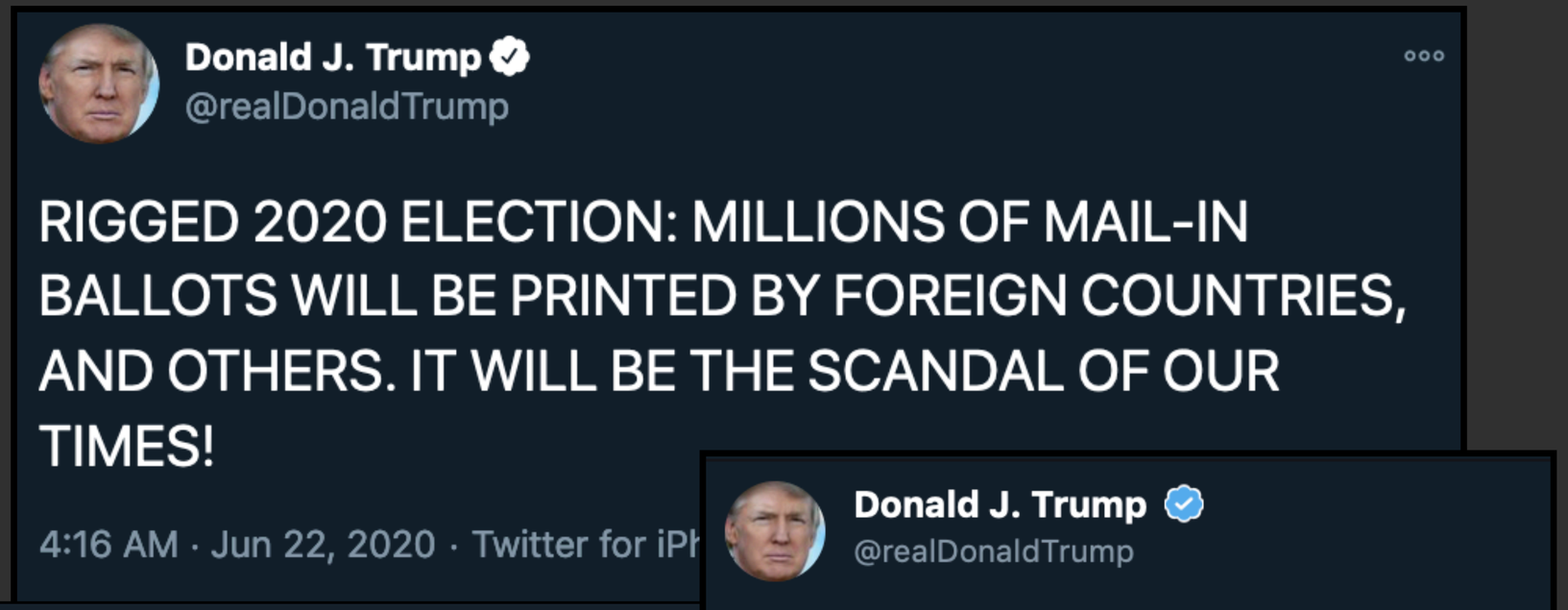


Donald J. Trump
@realDonaldTrump

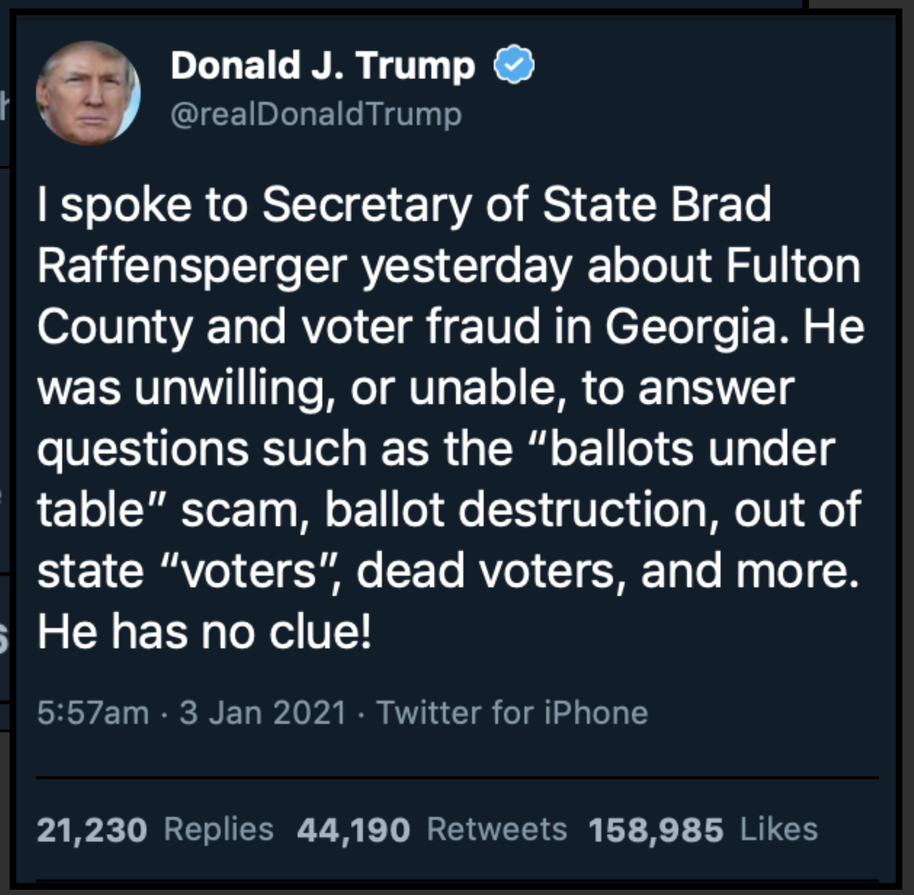
#OVERTURN

7:34am · 9 Dec 2020 · Twitter for iPhone

45,368 Replies **43,709** Retweets **206,216** Likes


Donald J. Trump
@realDonaldTrump
RIGGED 2020 ELECTION: MILLIONS OF MAIL-IN BALLOTS WILL BE PRINTED BY FOREIGN COUNTRIES, AND OTHERS. IT WILL BE THE SCANDAL OF OUR TIMES!
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Donald J. Trump
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#OVERTURN
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45,368 Replies 43,709 Retweets 206


Donald J. Trump
@realDonaldTrump
I spoke to Secretary of State Brad Raffensperger yesterday about Fulton County and voter fraud in Georgia. He was unwilling, or unable, to answer questions such as the “ballots under table” scam, ballot destruction, out of state “voters”, dead voters, and more. He has no clue!
5:57am · 3 Jan 2021 · Twitter for iPhone
21,230 Replies 44,190 Retweets 158,985 Likes


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5:57am · 3 Jan 2021 · Twitter for iPhone
21,230 Replies 44,190 Retweets 158,985 Likes
Donald J. Trump
@realDonaldTrump
These are the things and events that happen when a sacred landslide election victory is so unceremoniously & viciously stripped away from great patriots who have been badly & unfairly treated for so long. Go home with love & in peace. Remember this day forever!
00:01 · 07.01.21 · Twitter for iPhone


Donald J. Trump
@realDonaldTrump
RIGGED 2020 ELECTIO
BALLOTS WILL BE PRIN
AND OTHERS. IT WILL E
TIMES!
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Account suspended
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