



**AUGUST 6-7, 2025**  
MANDALAY BAY / LAS VEGAS

# Use & Abuse of Personal Information

**Politics Edition**







**Dr. Alan J. Michaels**

Northrop Grumman Faculty Fellow /  
Director, NSI Spectrum Dominance



**NATIONAL SECURITY INSTITUTE**  
VIRGINIA TECH.



**Elliott Rheault**

Research Engineer 2



**Jaden Leonard**

Research Engineer



**Chris Henshaw**

Research Engineer 2



**Chelsy Ables**

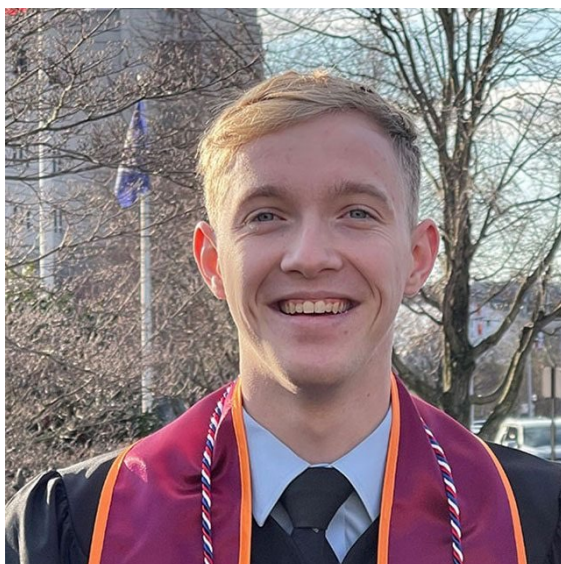
Graphics Design



Commonwealth  
Cyber Initiative

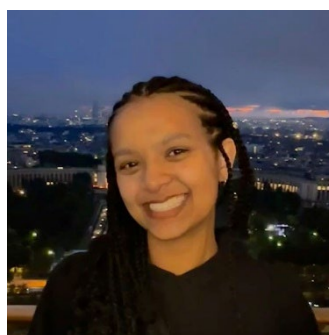


**Raytheon**  
Technologies



**Jared Byers**

Research Associate



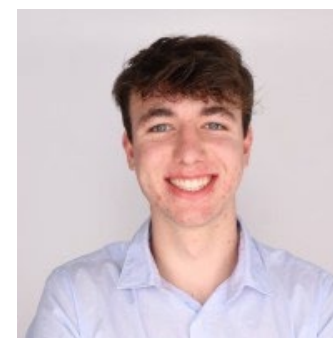
**Mary Nerayo**

Research Data Analyst



**Casey Hines**

Project Specialist



**Jack Kolenbrander**

MS Graduate



**Chris Phelps**

Network Security



**SPECTRUM**  
DOMINANCE

**SOULSTICE**  
A CAPPELLA



## 2024 U.S. Elections

Personal information usage/sharing  
Mailing list content analysis



Predatory  
Journals



Personality  
Emulation

2020

2021

2022

2023

2024

2025



**In aggregate, the 2024 elections cost \$15.9B.**

**32** x 5000 Tons, \$100 bills



**37,606** x \$423K homes



**342,377** x 4-year college  
educations (state school)



**159** x F-35

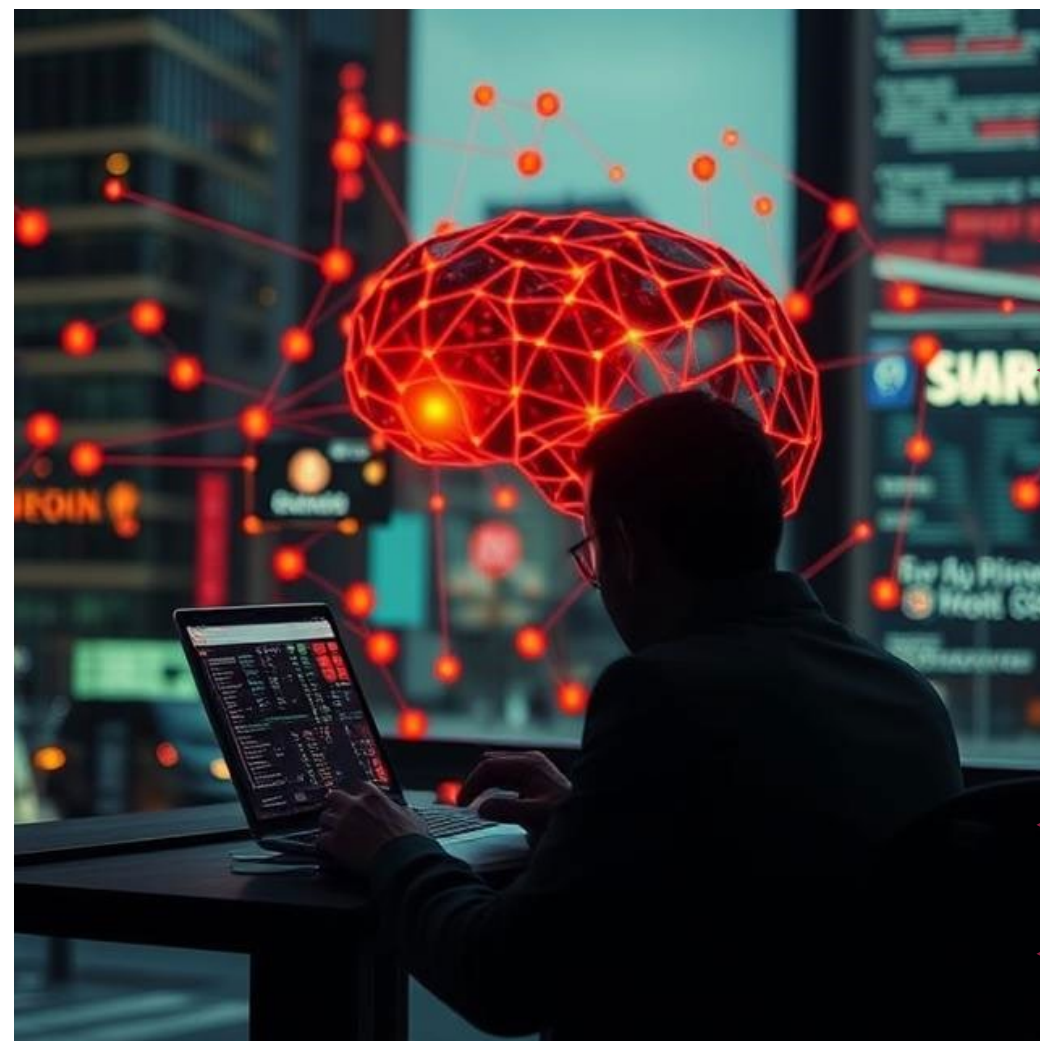


Net favorability of each party

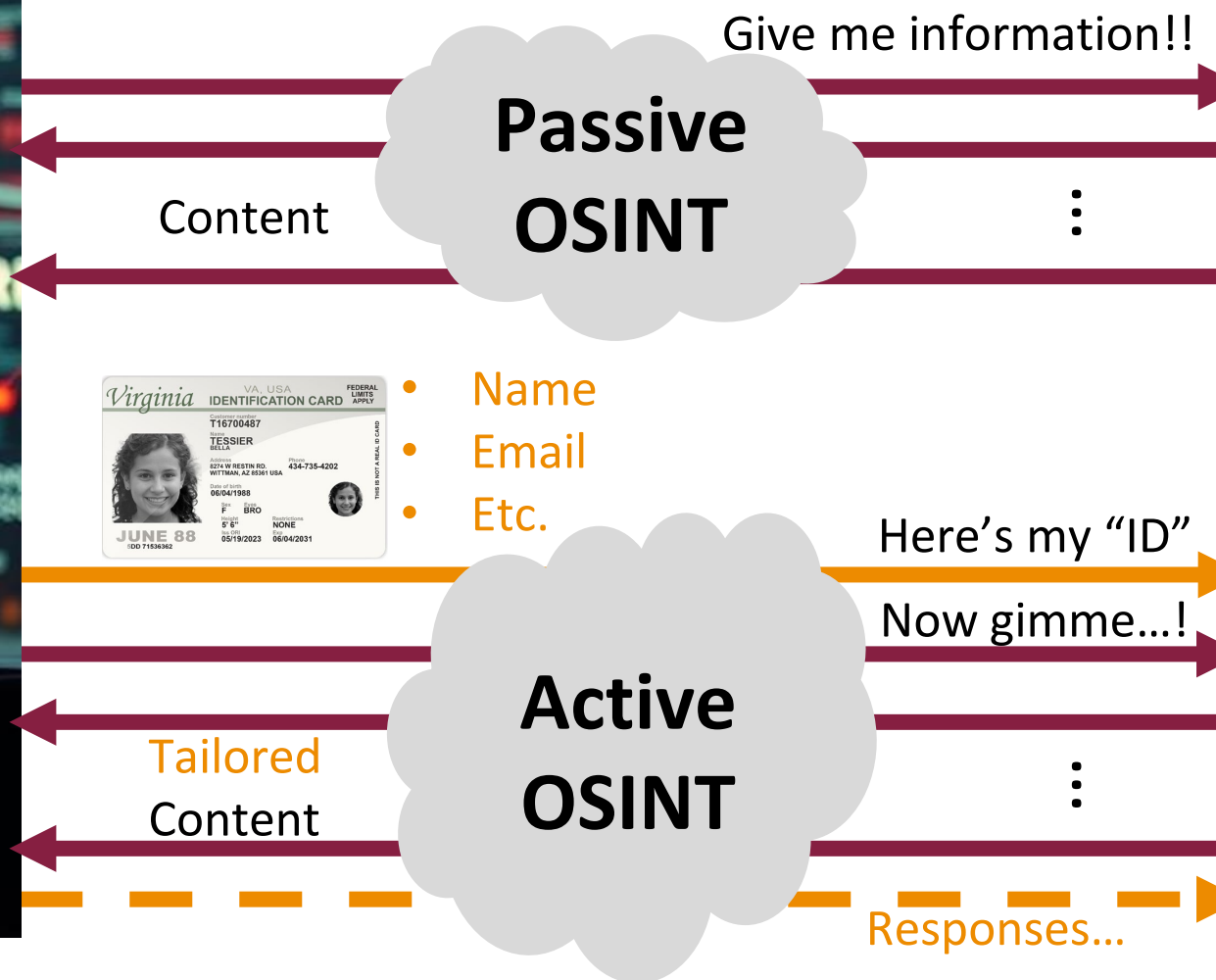




# Passive vs. Active Open Source Intelligence (OSINT)



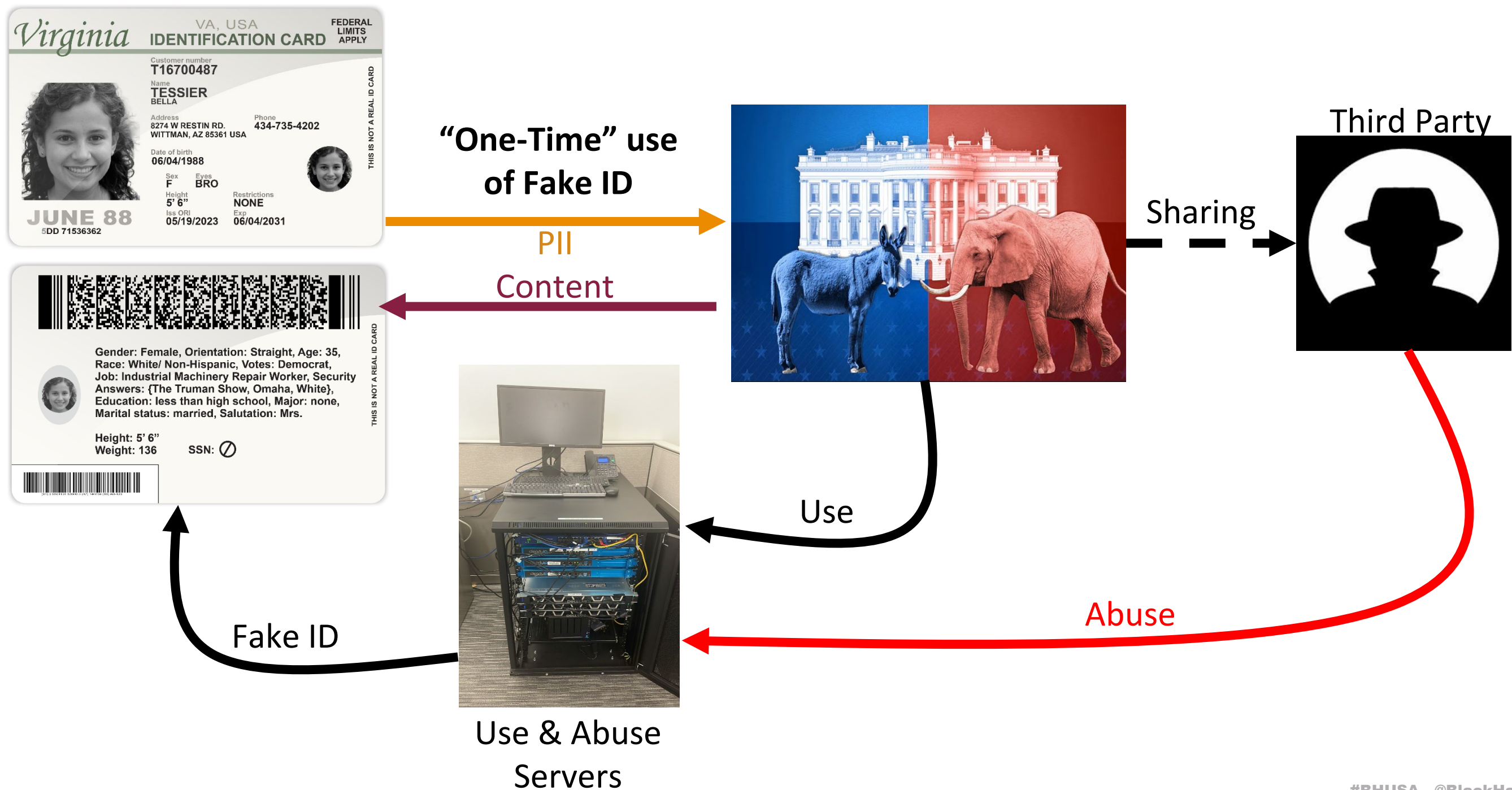
**OSINT Researcher**



**Internet**

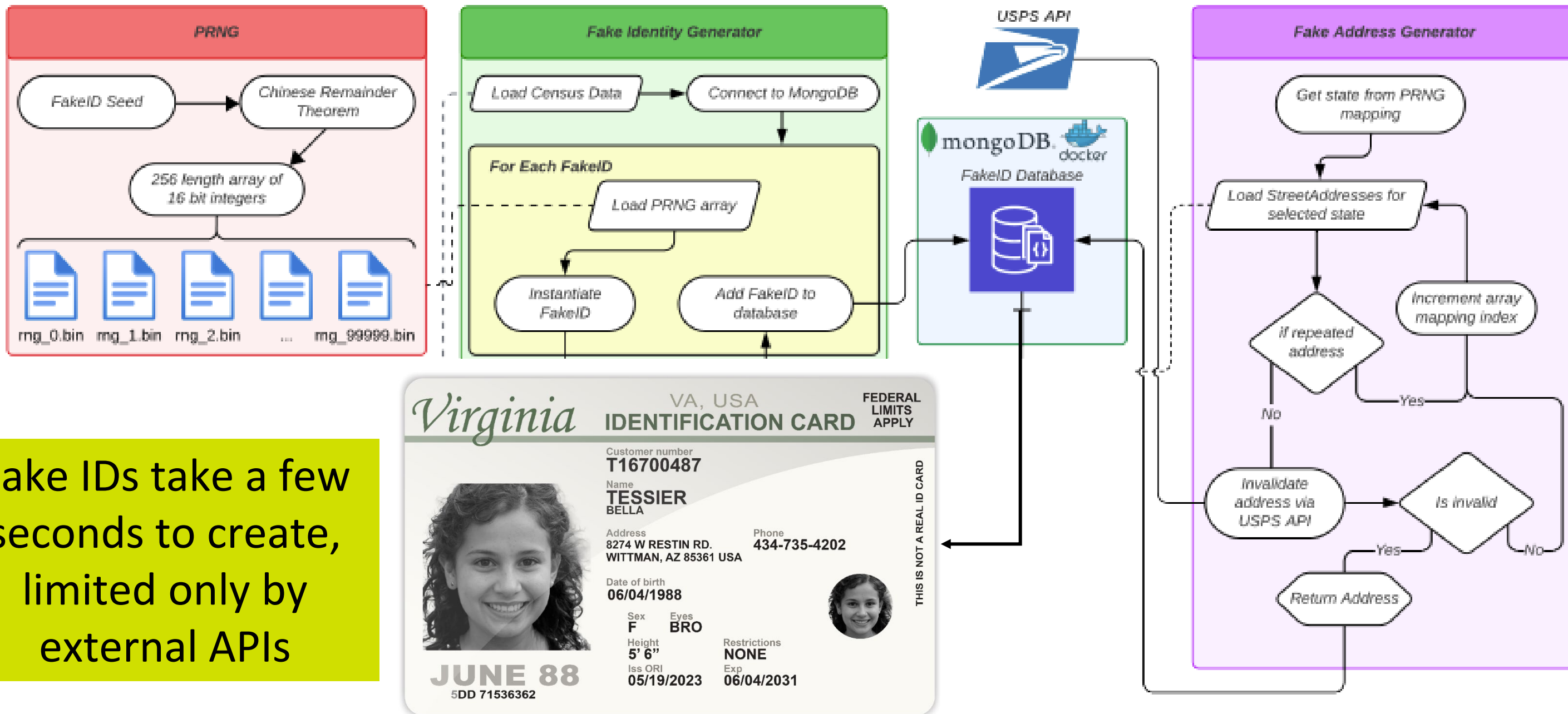


# Unique Attribution to all Incoming Content





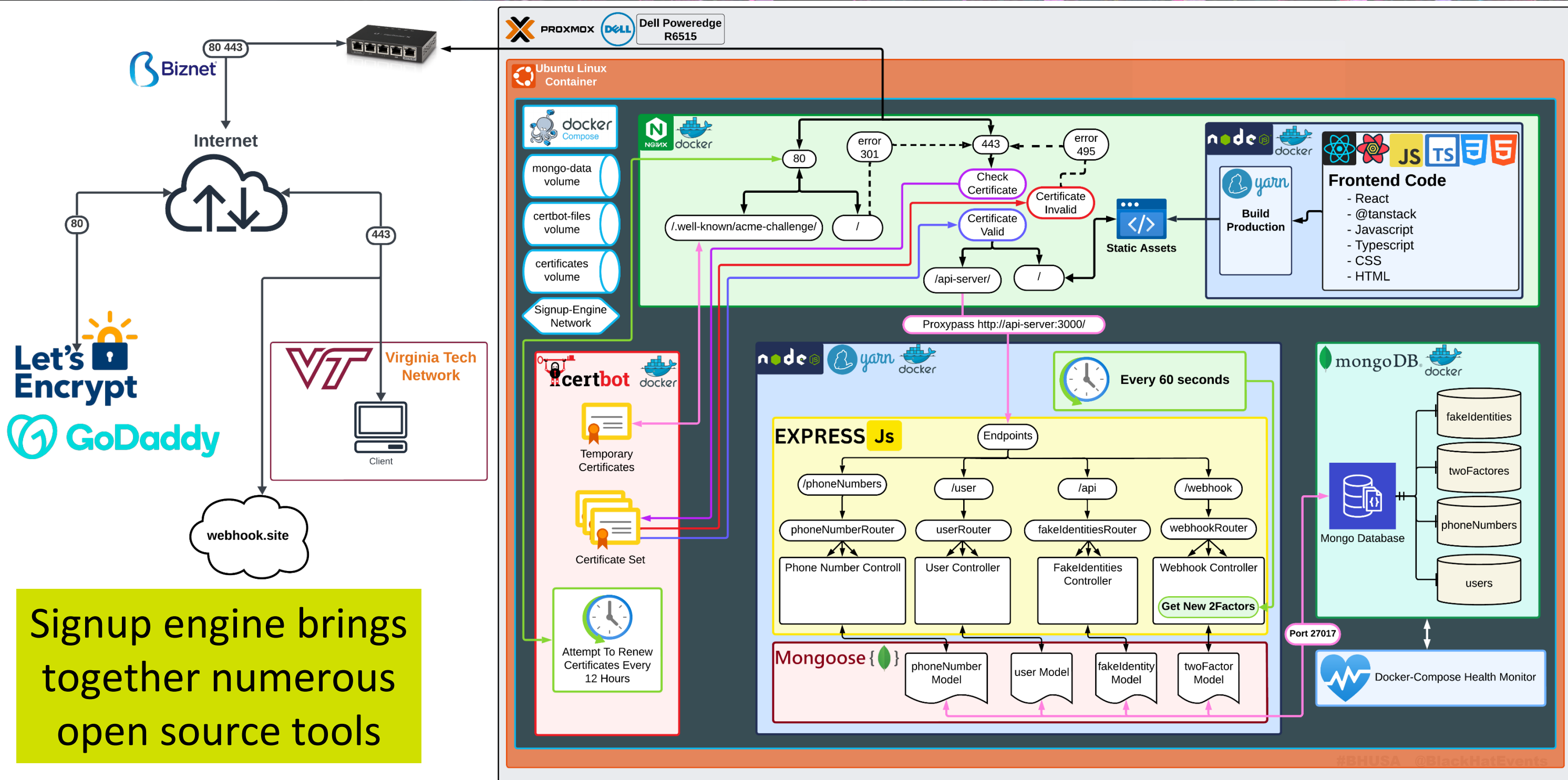
# Creating Fake Identities



Fake IDs take a few seconds to create, limited only by external APIs



# U&A Signup Engine





## Use & Abuse

Home Sign-Up Two-Factors

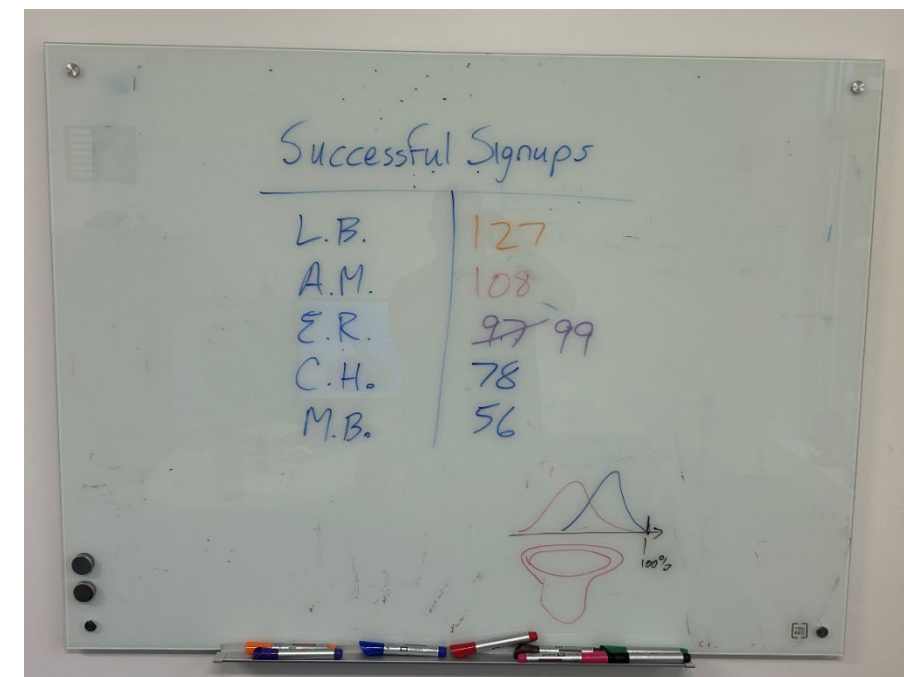
| Field               | Value  | Copy                                | Used                                |
|---------------------|--|-------------------------------------|-------------------------------------|
| ID Number           | 3006   | <input type="button" value="Copy"/> | <input type="checkbox"/>            |
| URL                 |  | <input type="button" value="Copy"/> | <input type="checkbox"/>            |
| Phone Number        |  | <input type="button" value="Copy"/> | <input checked="" type="checkbox"/> |
| First Name          | Bella  | <input type="button" value="Copy"/> | <input checked="" type="checkbox"/> |
| Last Name           | Tessier  | <input type="button" value="Copy"/> | <input checked="" type="checkbox"/> |
| Age                 | 54   | <input type="button" value="Copy"/> | <input type="checkbox"/>            |
| Birth Date          | Thu Jun 05 1969 00:00:00 GMT+0000 (Coordinated Universal Time) | <input type="button" value="Copy"/> | <input type="checkbox"/>            |
| Email Username      | bella_tessier803   | <input type="button" value="Copy"/> | <input checked="" type="checkbox"/> |
| Street Address      | 8274 W Restin Rd   | <input type="button" value="Copy"/> | <input checked="" type="checkbox"/> |
| Town/City           | Wittmann   | <input type="button" value="Copy"/> | <input type="checkbox"/>            |
| State/Province      | Arizona  | <input type="button" value="Copy"/> | <input type="checkbox"/>            |
| Zip Code            | 85361  | <input type="button" value="Copy"/> | <input checked="" type="checkbox"/> |
| Country             | USA  | <input type="button" value="Copy"/> | <input type="checkbox"/>            |
| Website Password    |  | <input type="button" value="Copy"/> | <input type="checkbox"/>            |
| Security Question 1 | The Green Mile   | <input type="button" value="Copy"/> | <input type="checkbox"/>            |
| Security Question 2 | Blacksburg   | <input type="button" value="Copy"/> | <input type="checkbox"/>            |
| Security Question 3 | Floral White   | <input type="button" value="Copy"/> | <input type="checkbox"/>            |
| Height              | 5'6"   | <input type="button" value="Copy"/> | <input checked="" type="checkbox"/> |

## Saturday signup events

~ 35 students

~ 8 hours

~ 20 pizzas



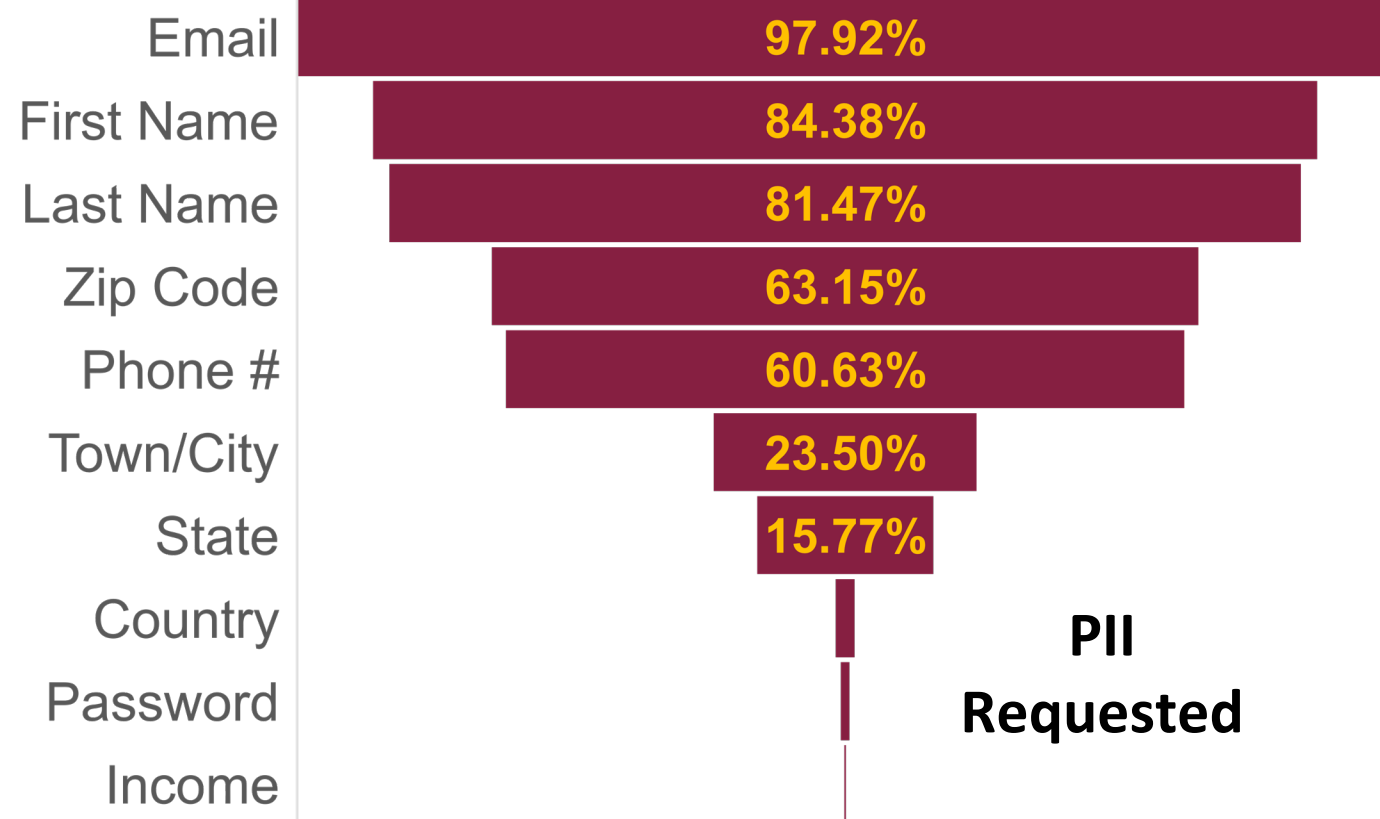
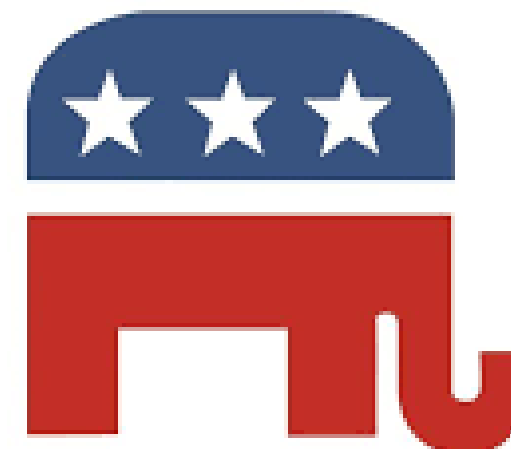
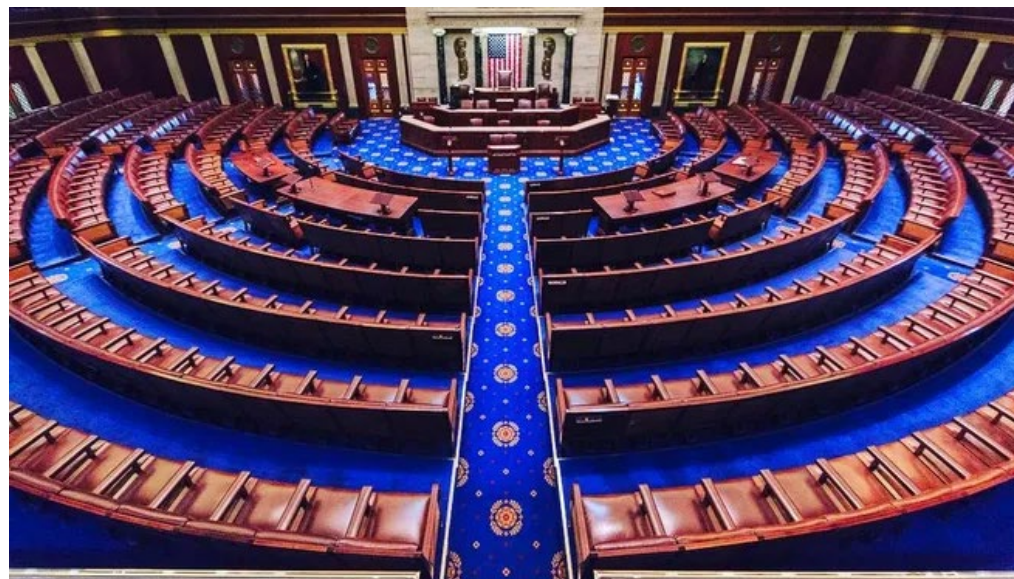
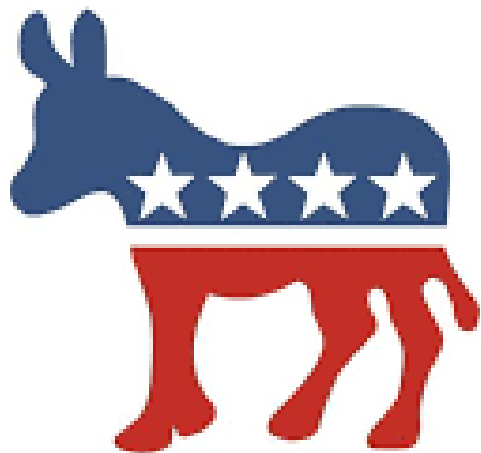
## Use & Abuse

Home Sign-Up Two-Factors

| Subject  | Sender                             | Date                  |
|--|------------------------------------|-----------------------|
| St. Patrick's Day Parade on Water Street 3/16 with Flemming Larsen | christina@larsen4nevada.com        | 3/11/2024, 8:14:36 PM |
| St. Patrick's Day Parade on Water Street 3/16 with Flemming Larsen | christina@larsen4nevada.com        | 3/11/2024, 8:14:36 PM |
| St. Patrick's Day Parade on Water Street 3/16 with Flemming Larsen | christina@larsen4nevada.com        | 3/11/2024, 8:14:36 PM |
| Dump Day and Shredding Event This Saturday!                        | Senator.Min@outreach.senate.ca.gov | 3/20/2024, 5:01:23 PM |



# 2024 U.S. Elections Experiment



## 1418 Accounts

Collection: Nov 2023 – Apr 2025

|           | D   | R   | I/O |
|-----------|-----|-----|-----|
| House     | 521 | 431 | 24  |
| Senate    | 174 | 185 | 20  |
| President | 17  | 30  | 16  |



# VoIP Collection Scope

2020:   
Zadarma

2022:   
clearlyip



4212 phone lines



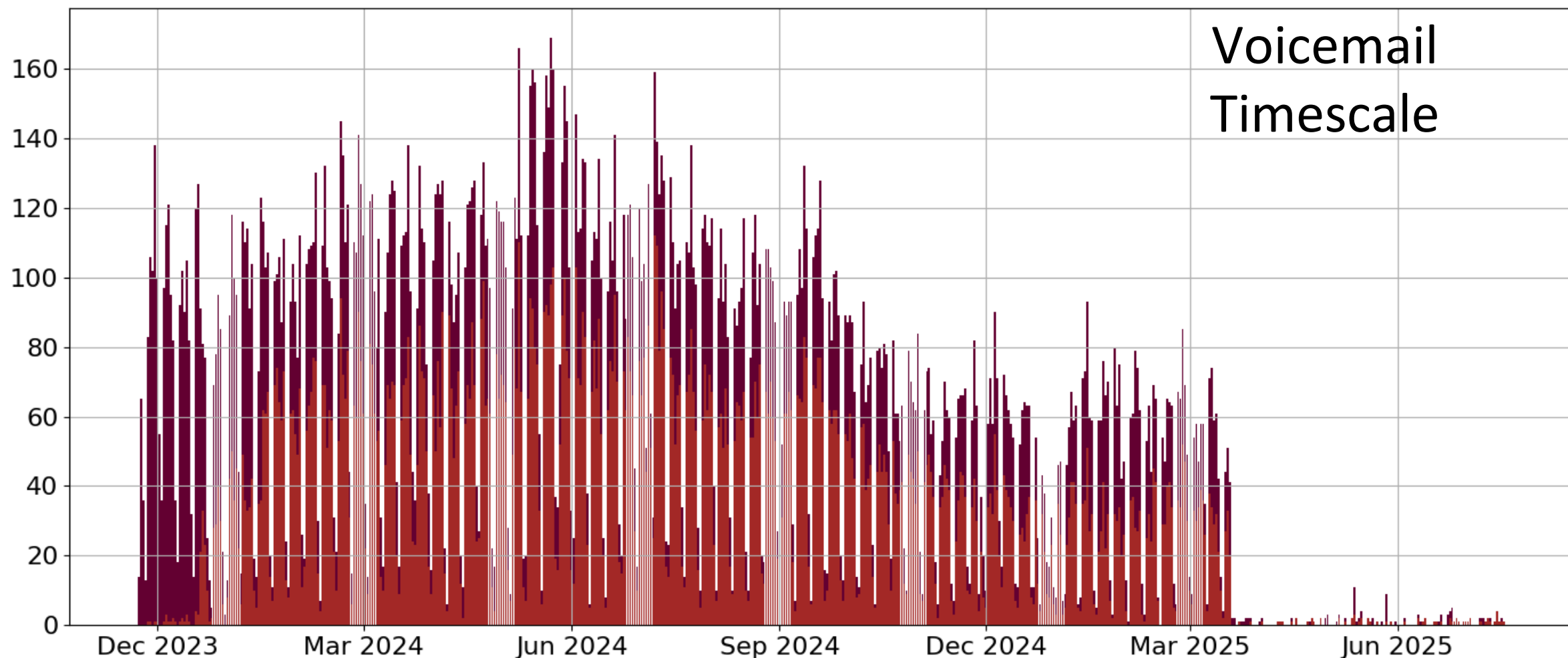
34,355 calls



7,351 voicemails



203 political VMs

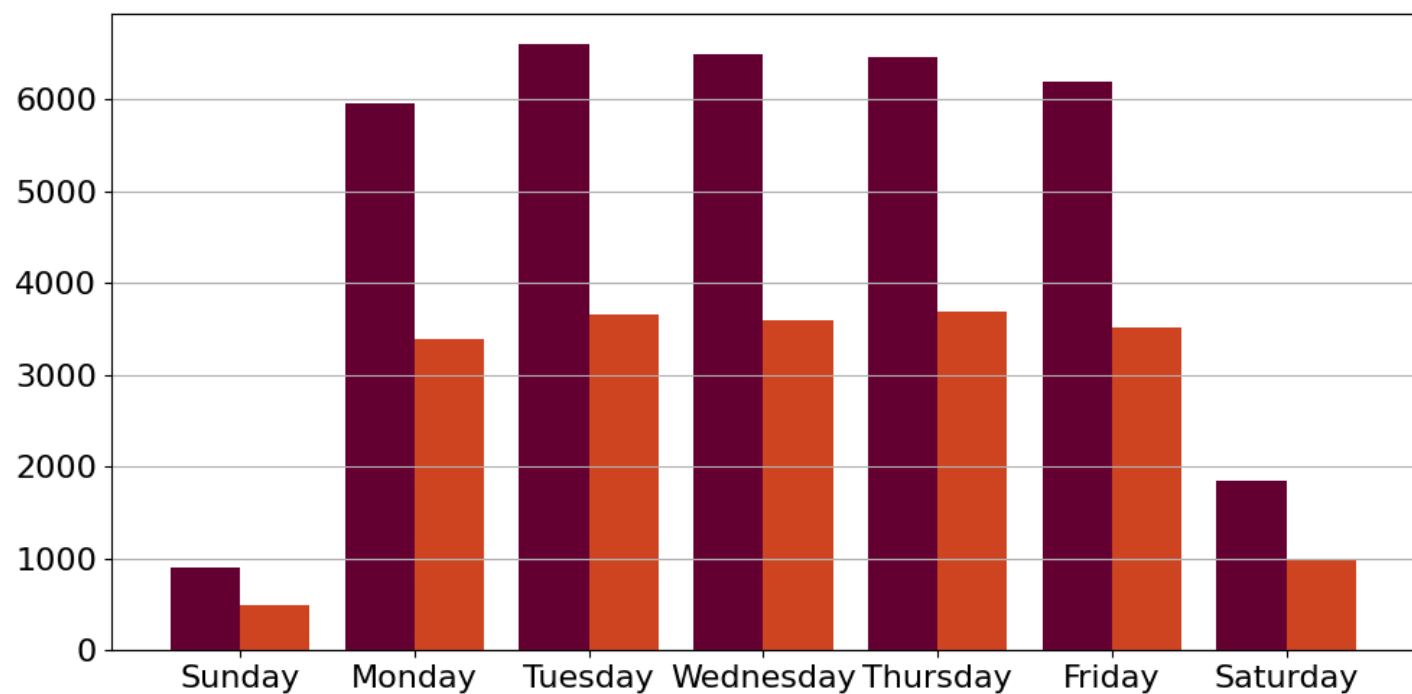


Strong evidence of tainted VoIP lines with incoming calls carrying over from previous owners

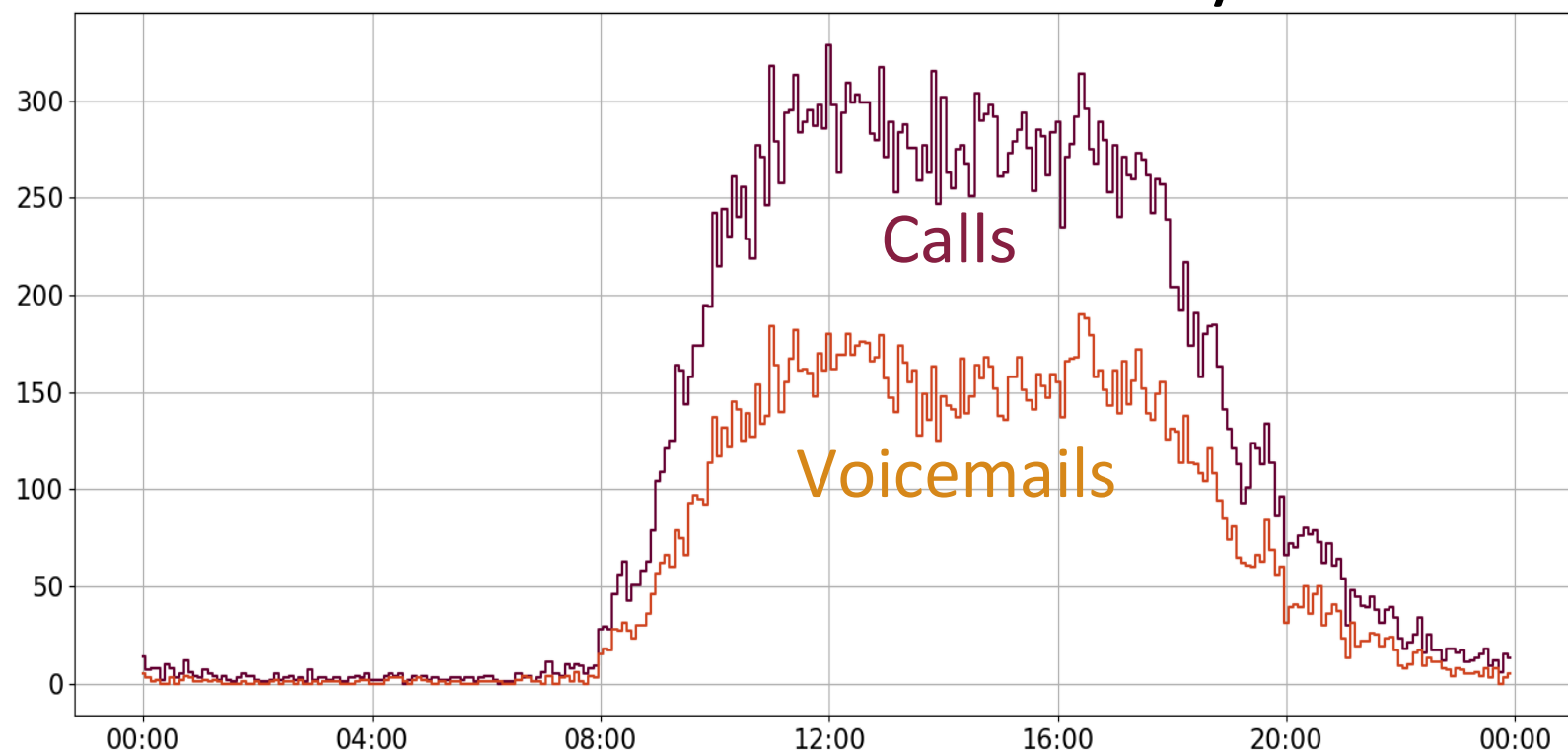


# Voicemail Activity

Calls Voicemails



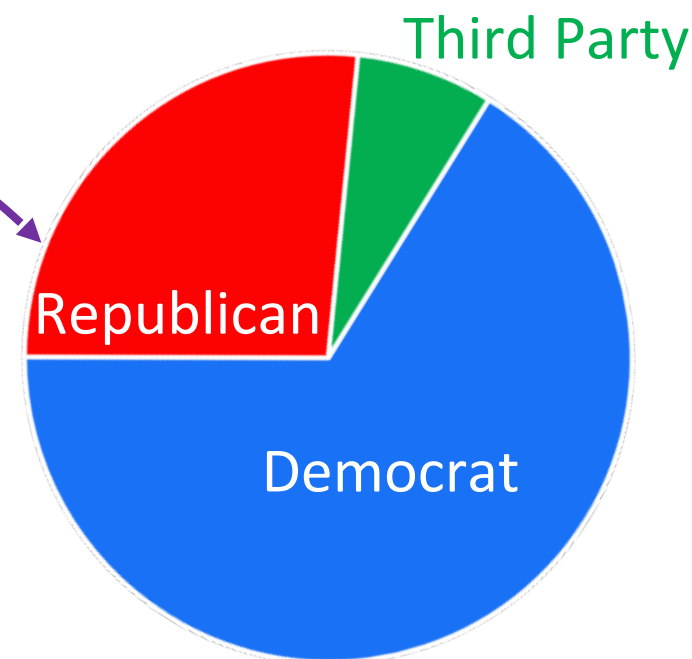
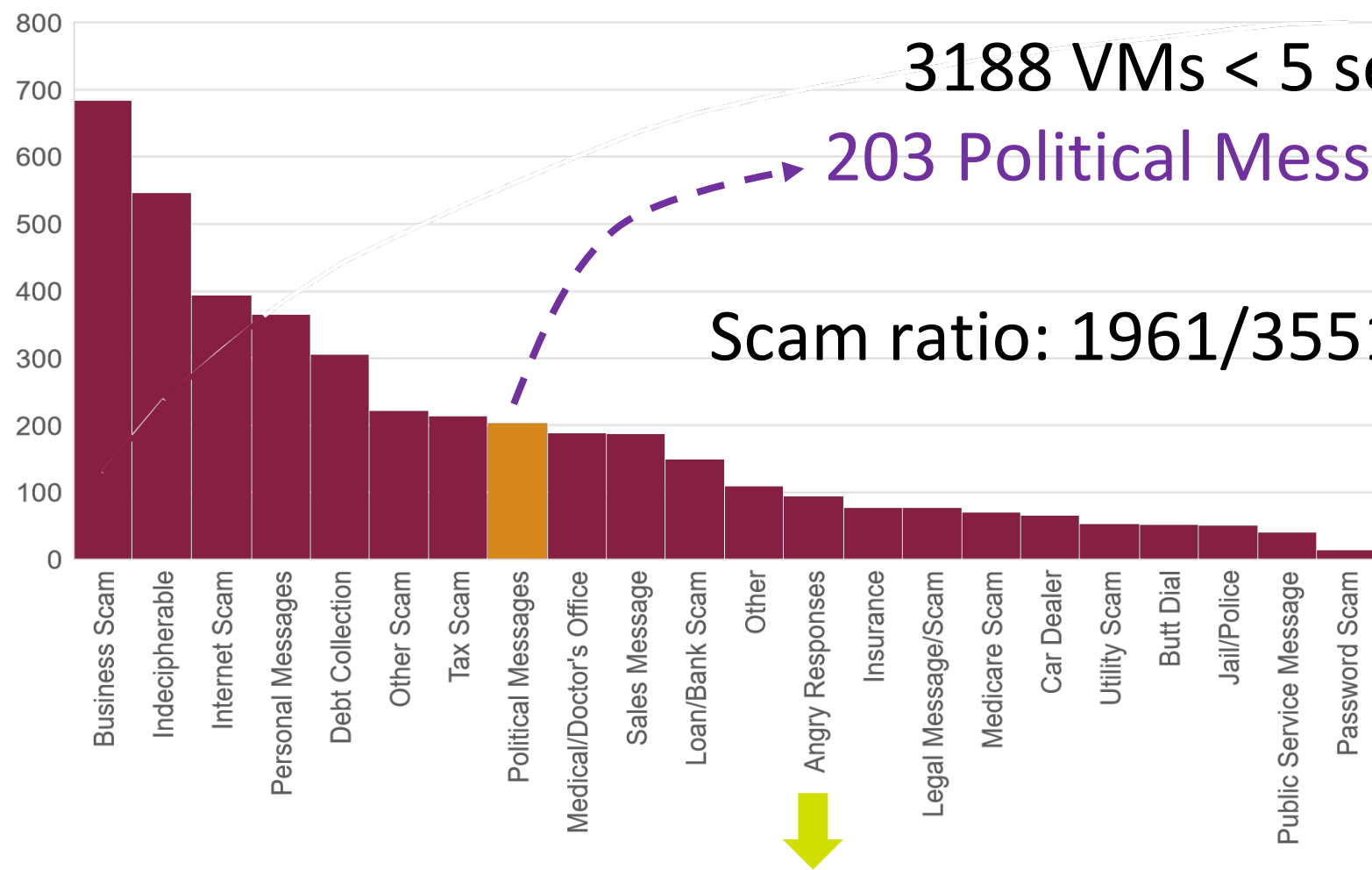
## Voicemail Time-of-Day



Call centers/scammers operate Monday-Friday, 8am-6pm

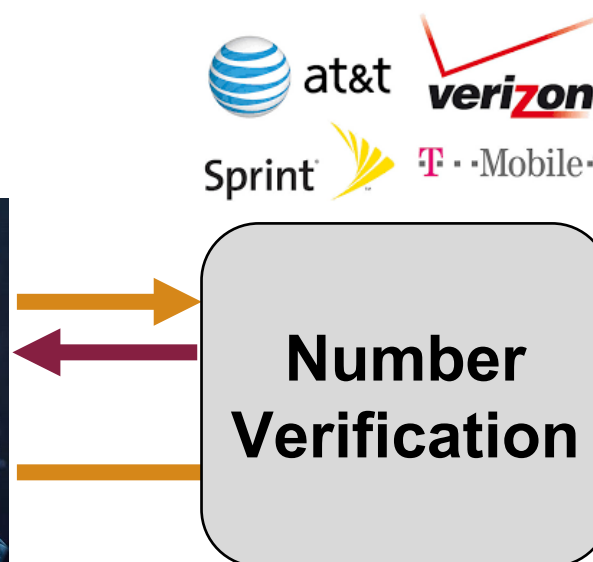


# Voicemail Activity



More than half of VMs are scams

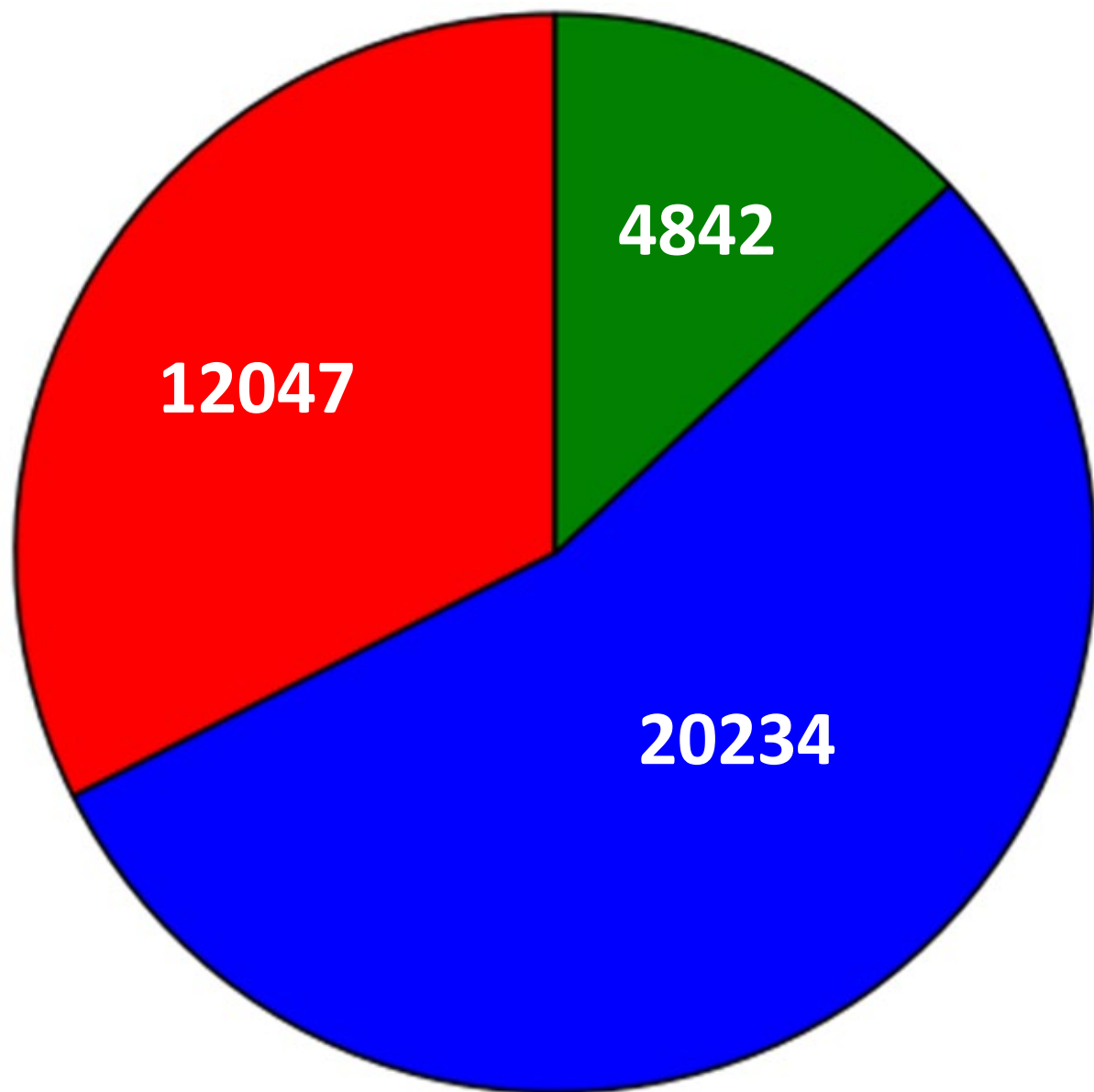
Strong evidence of scammers  
randomly emulating our numbers





# 2024 U.S. Election: Email Collection Scope

Democrat   Independent   Republican



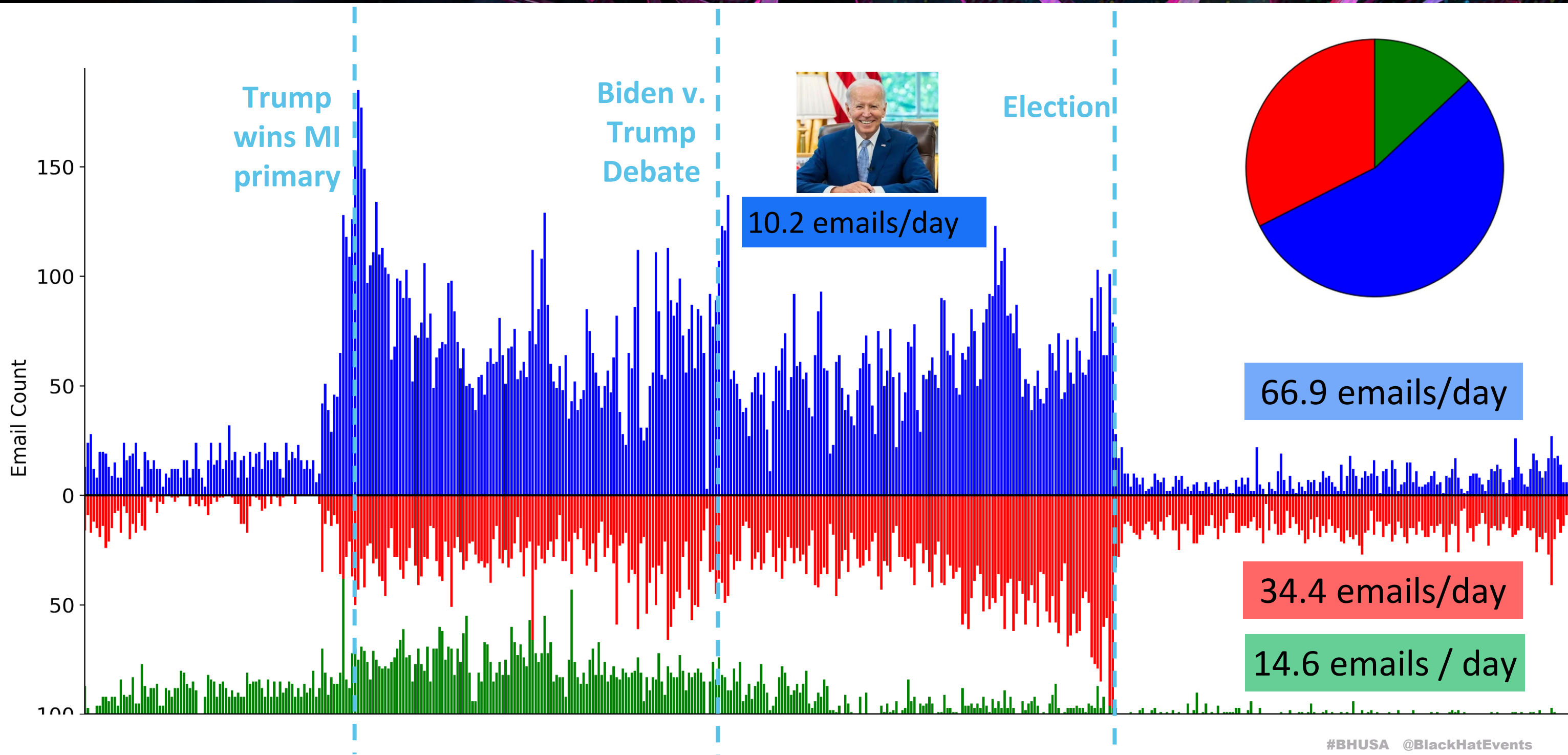
37,123 emails

Average number of emails from a  
signup, primary to election day

| Average Emails              |          |            |                       |
|-----------------------------|----------|------------|-----------------------|
|                             | Democrat | Republican | Other/<br>Independent |
| House of<br>Representatives | 23.2     | 15.2       | 0.39                  |
| Senate                      | 32.3     | 18.7       | 2.5                   |
| Presidential                | 11.4     | 0.48       | 11.6                  |

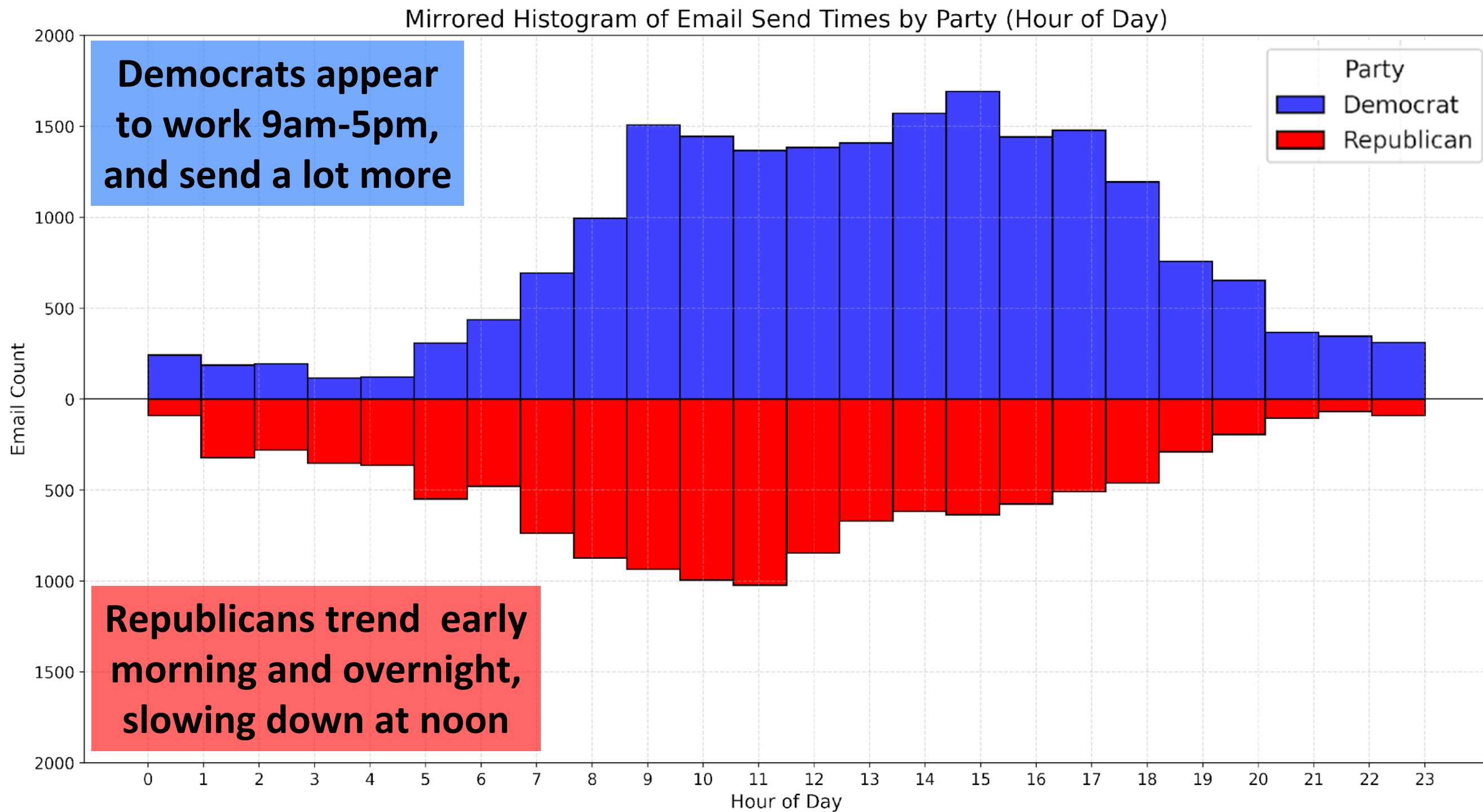


# Email Timeline



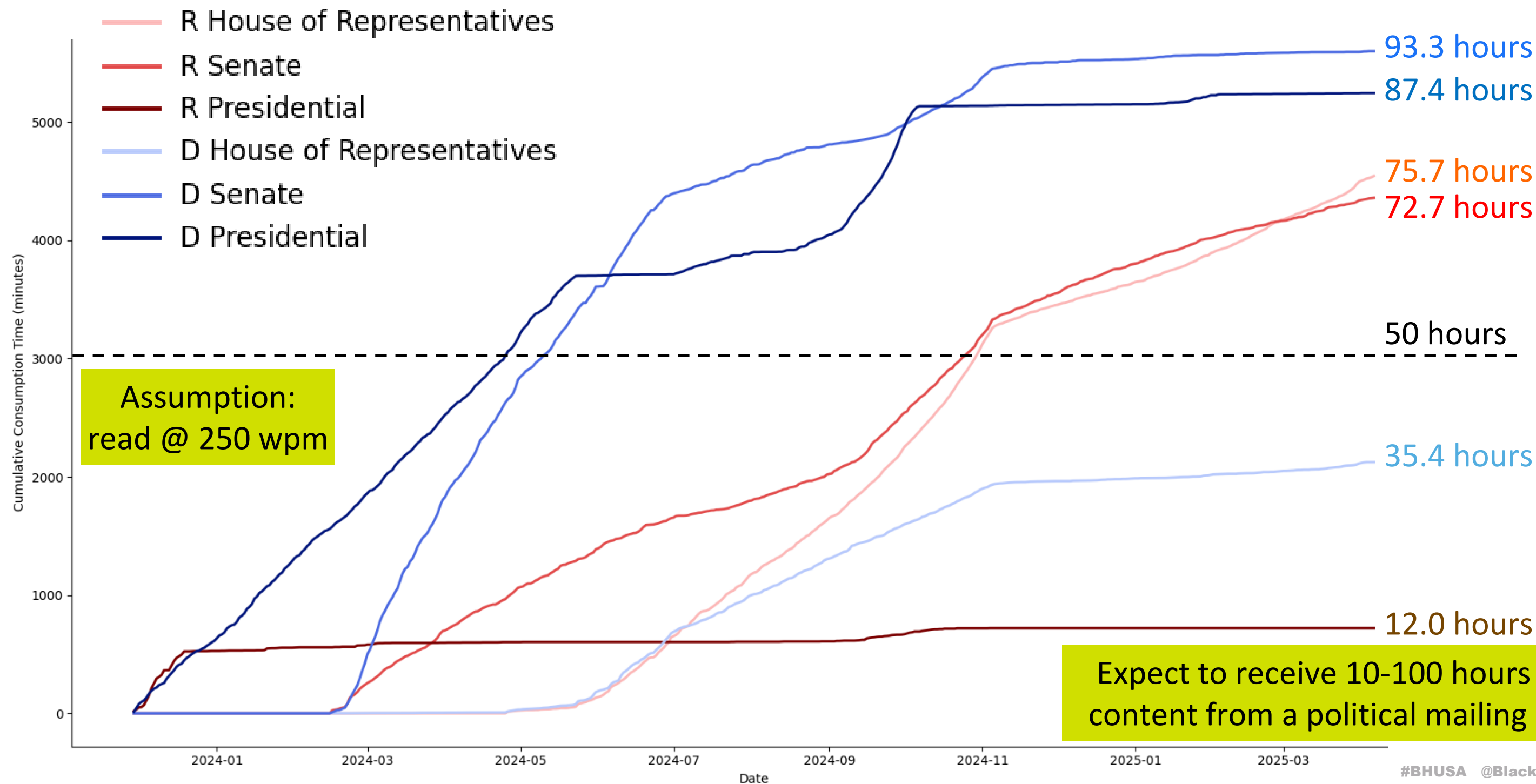


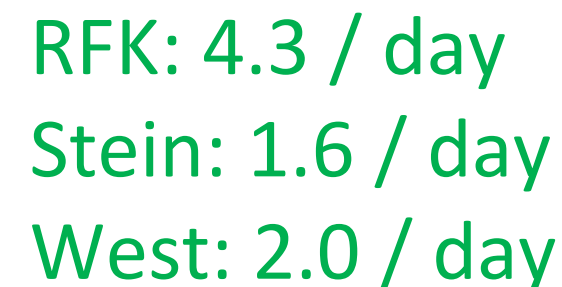
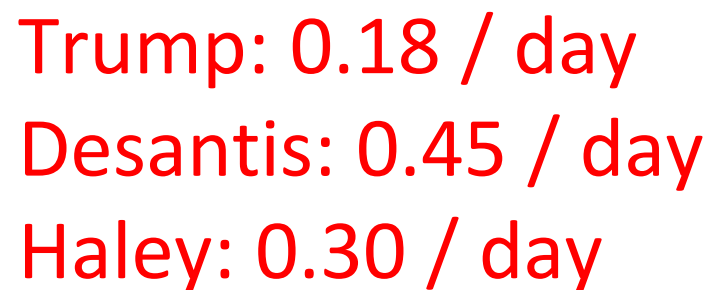
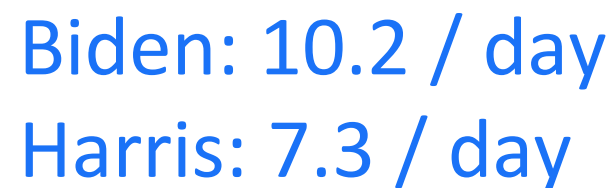
# Sent Time of Day





# Time Commitment of a Signup (Emails)

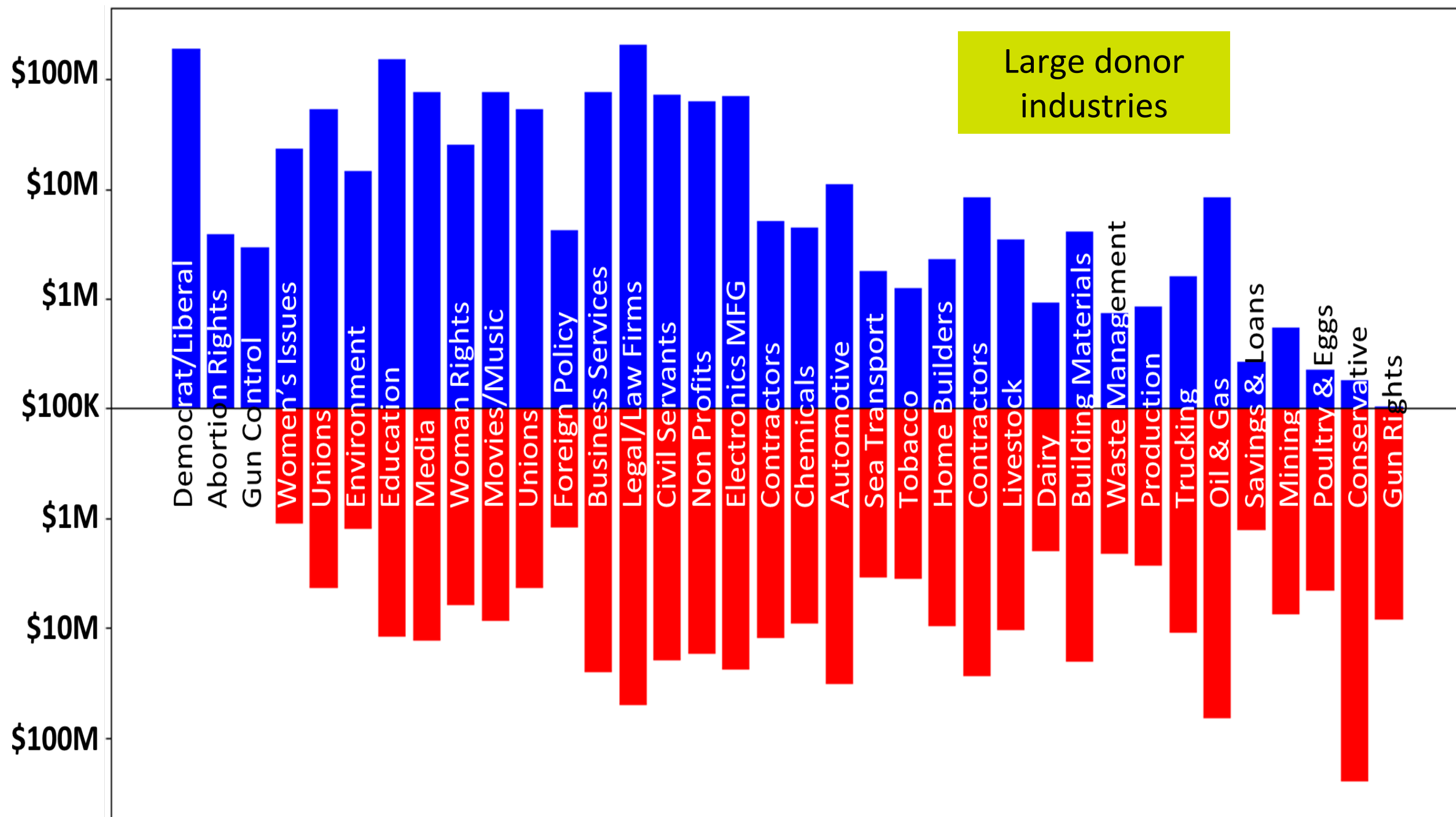




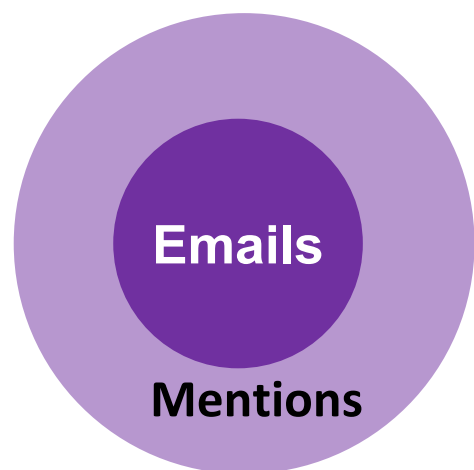


# The election was *NOT* about...

'24 DEMOCRATIC PARTY  
PLATFORM

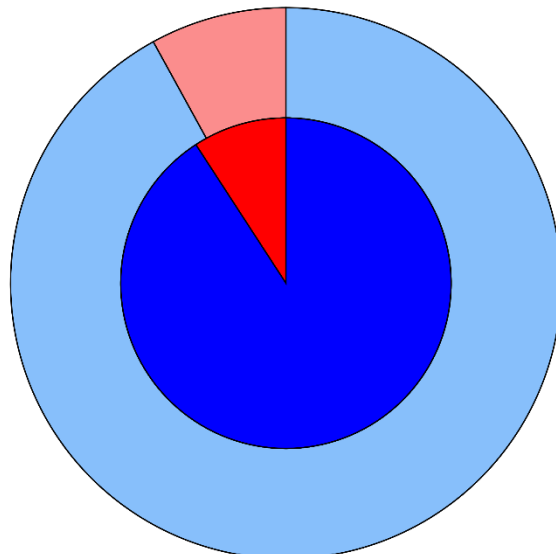


# Keyword Analysis: Distinctives



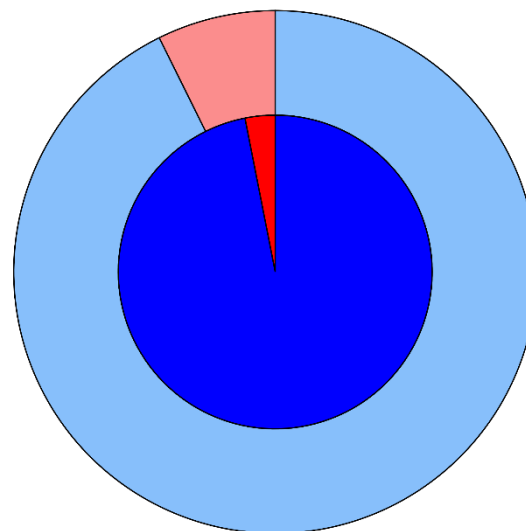
#email::#mentions

Convicted Felon



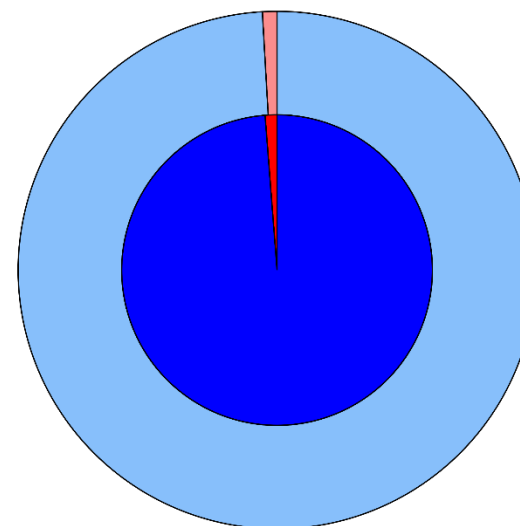
109::125

Pro-Choice



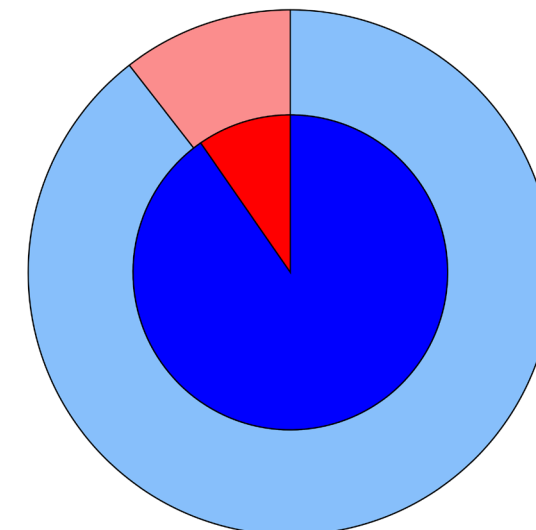
388::533

Reproductive



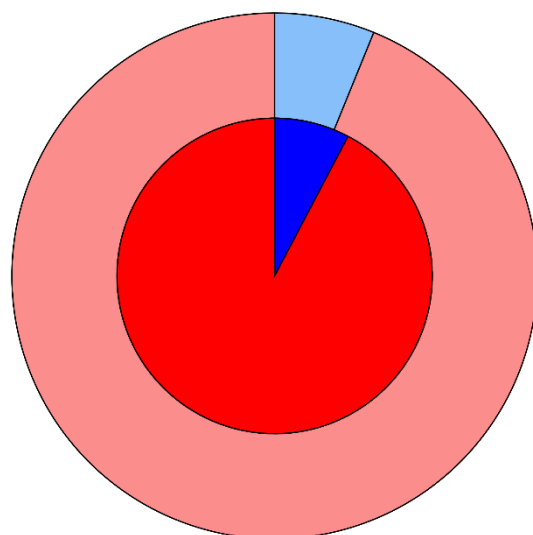
2115::3203

Climate



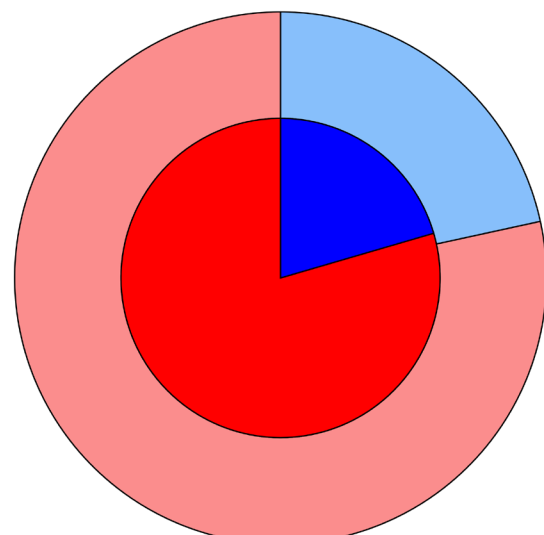
1367::1871

Liberal



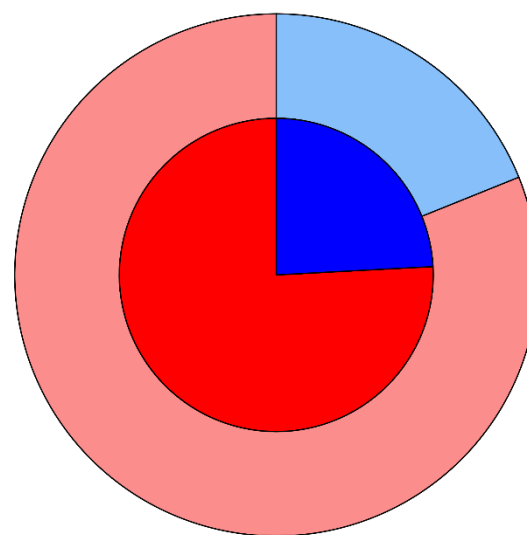
1685::2257

Assassination



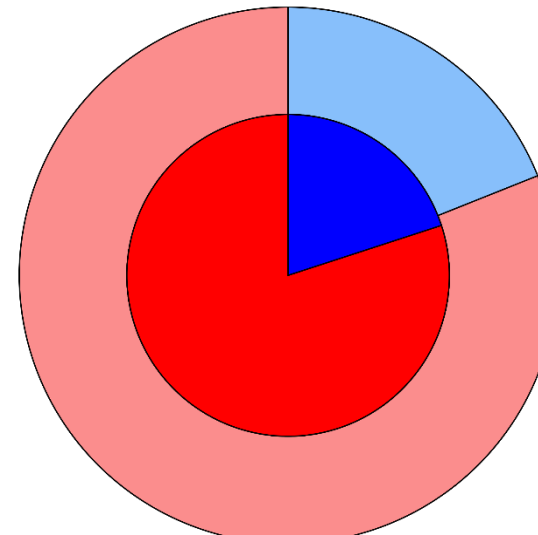
166::227

Pro-Life



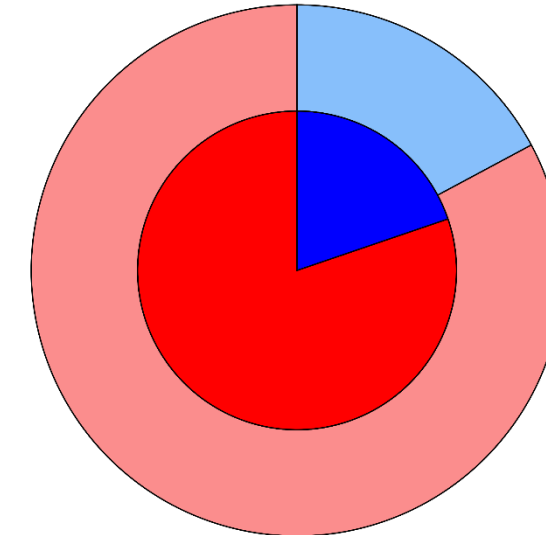
236::434

Crime



996::1457

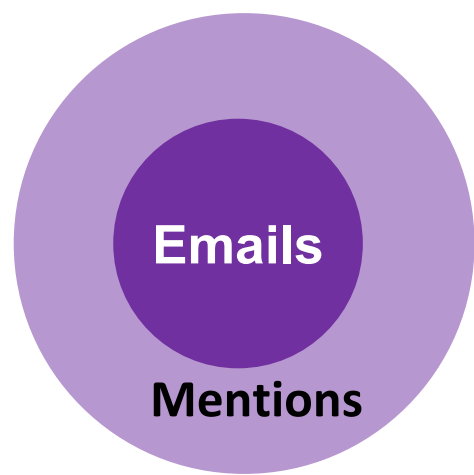
Inflation



1103::1462

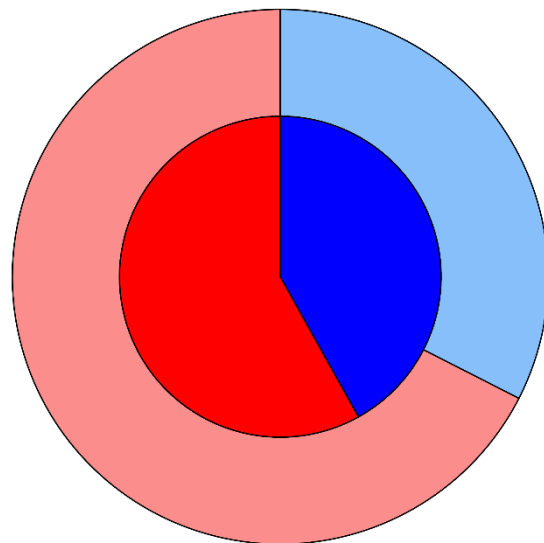


# Keyword Analysis: Similar Interests



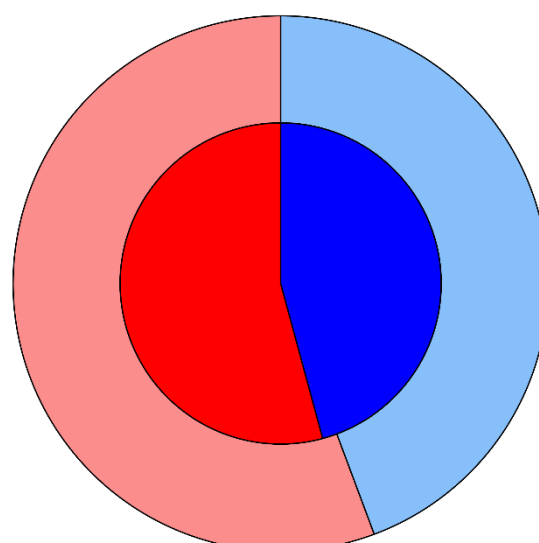
#email::#mentions

**Tariff**



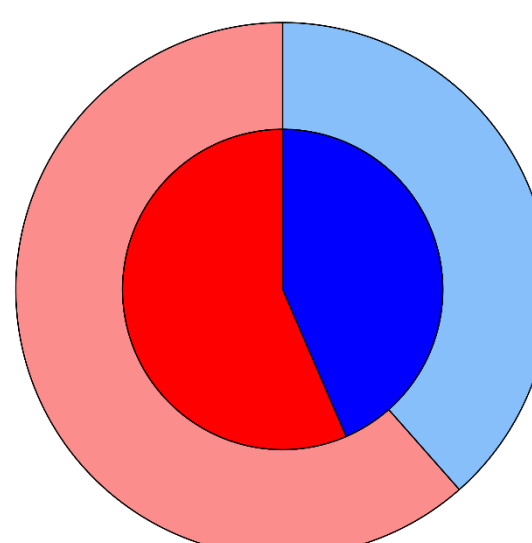
136::406

**Defense**



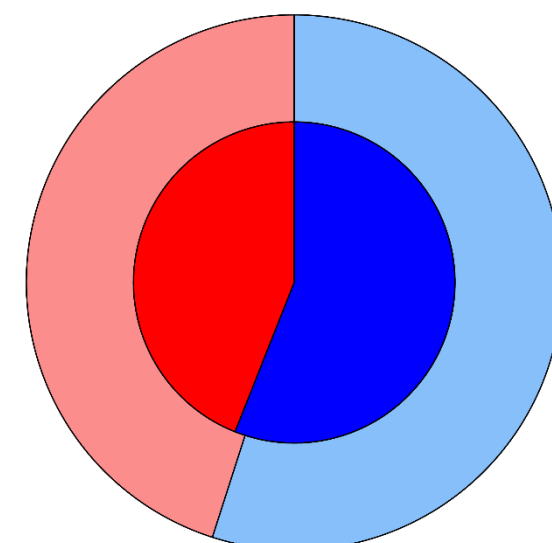
4770::5188

**COVID**



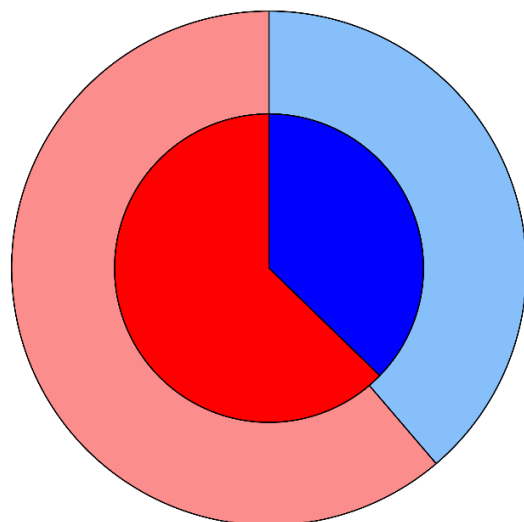
285::343

**Liar**



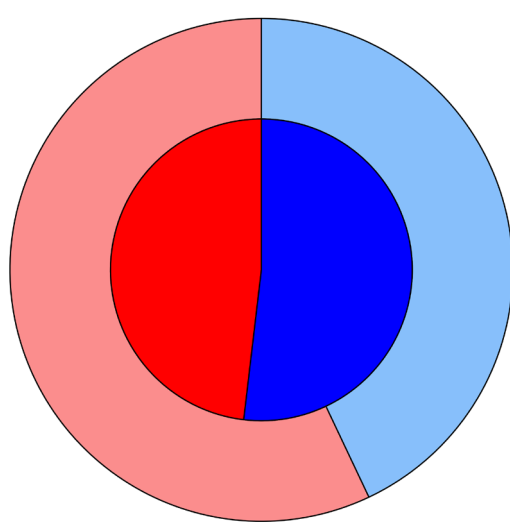
225::253

**Racist**



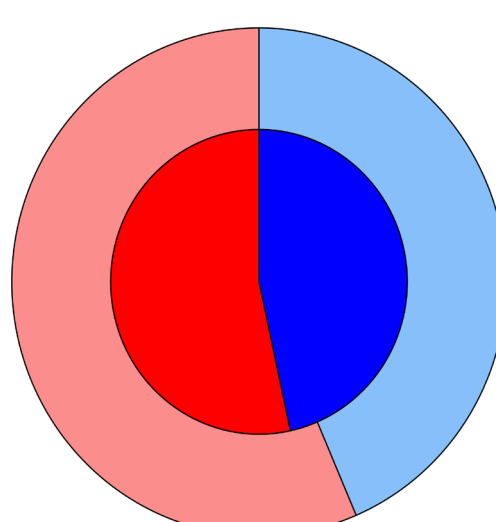
161::240

**Education**



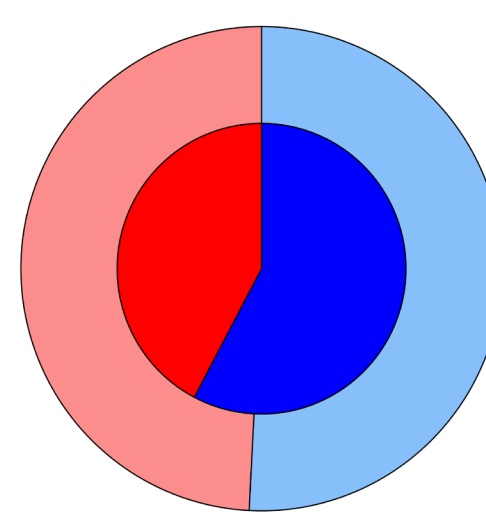
1326::2516

**Ukraine**



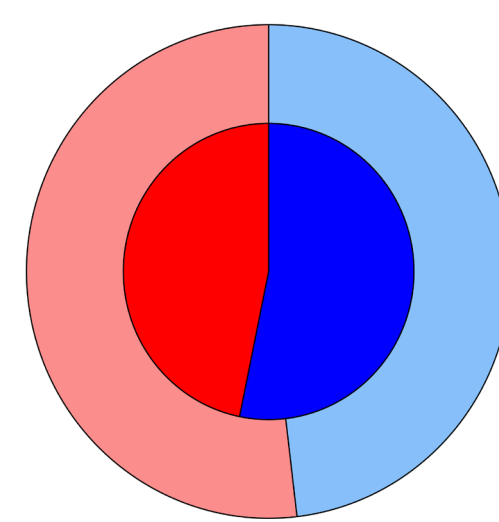
236::443

**NATO**



4367::7184

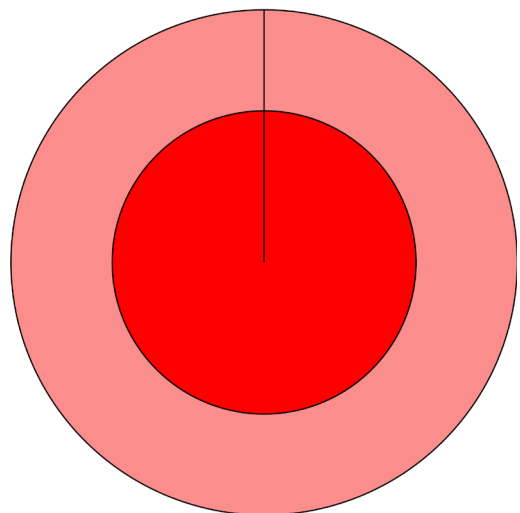
**Jobs**



1746::2298

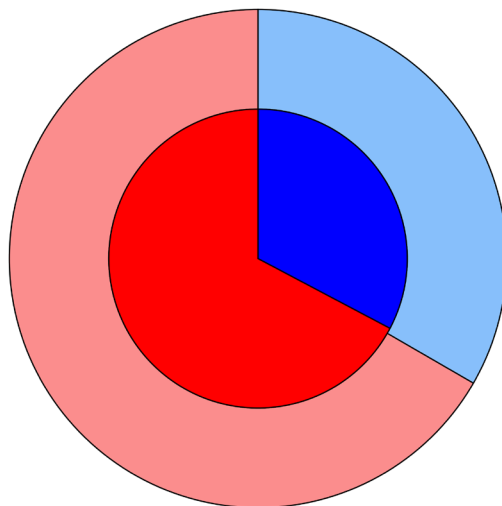
# Keyword Analysis: Cybersecurity

CISA



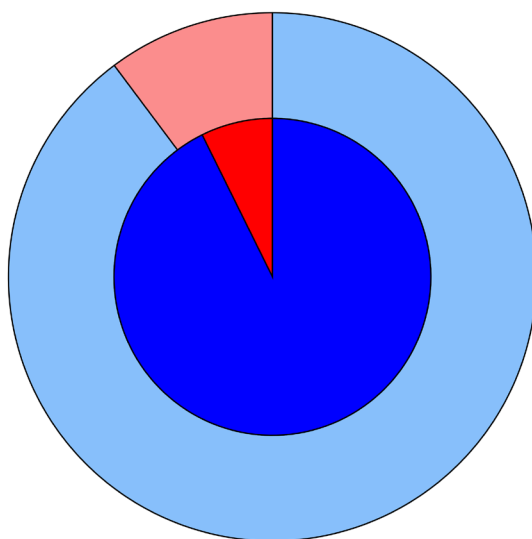
3::3

Cyber



55::57

UFO



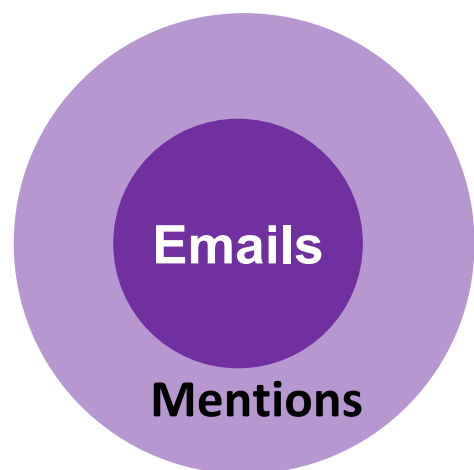
82::88

Data suggests  
that politicians  
are more  
interested in  
UFOs than  
cybersecurity



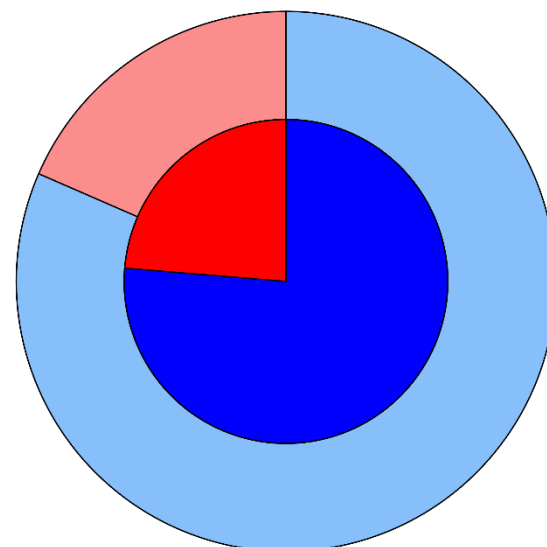


# Keyword Analysis: What really mattered



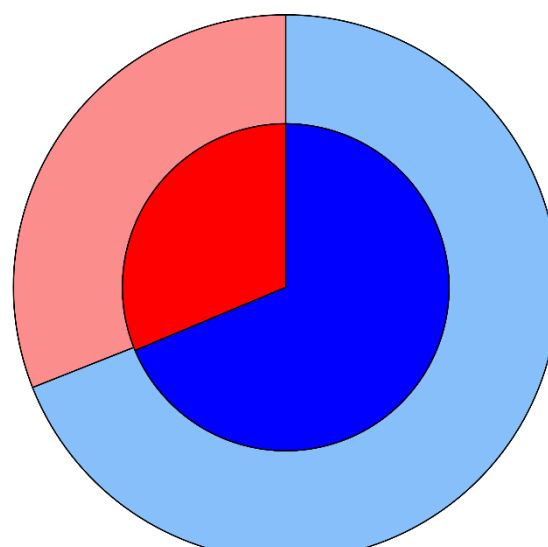
#email::#mentions

**Donate**



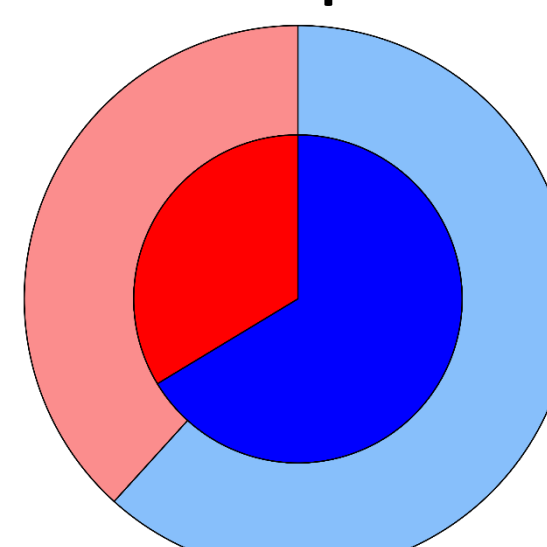
17548::52215

**Give**



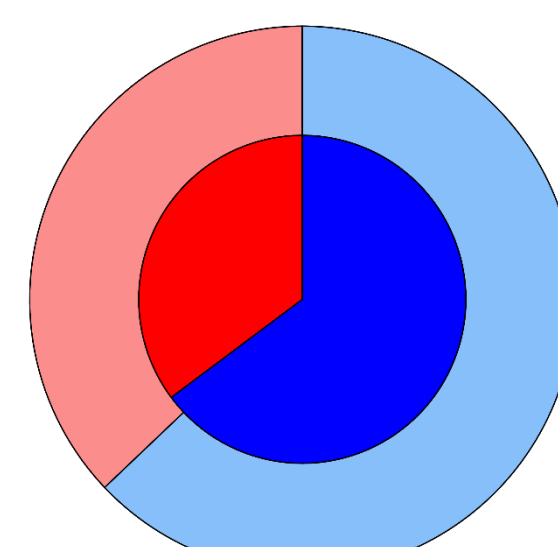
4770::5188

**Help**



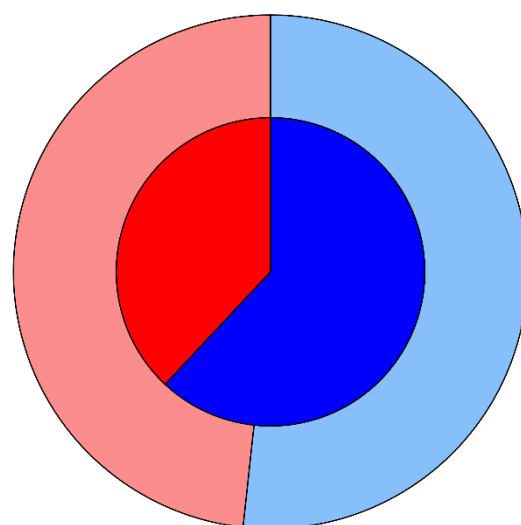
23214::50871

**Need**



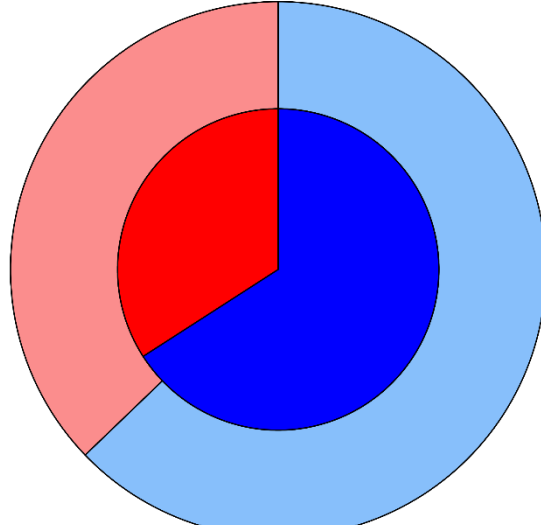
19987::29392

**Vote**



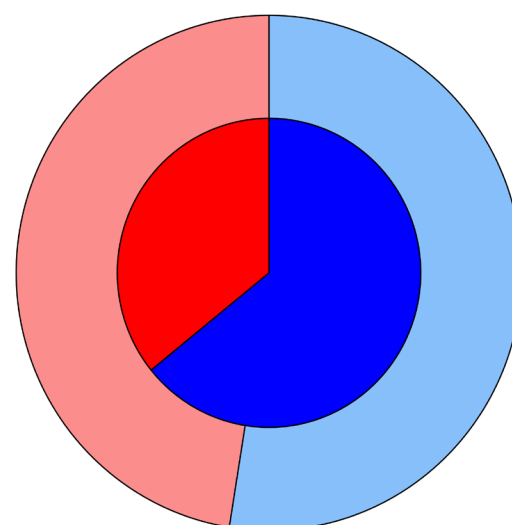
12183::32960

**Win**



17828::39856

**Trump**



10803::34560

Based on the number of mentions, giving politicians your money and voting them into power *trumped* all issues by an order of magnitude

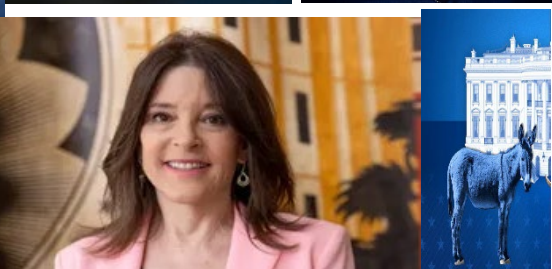
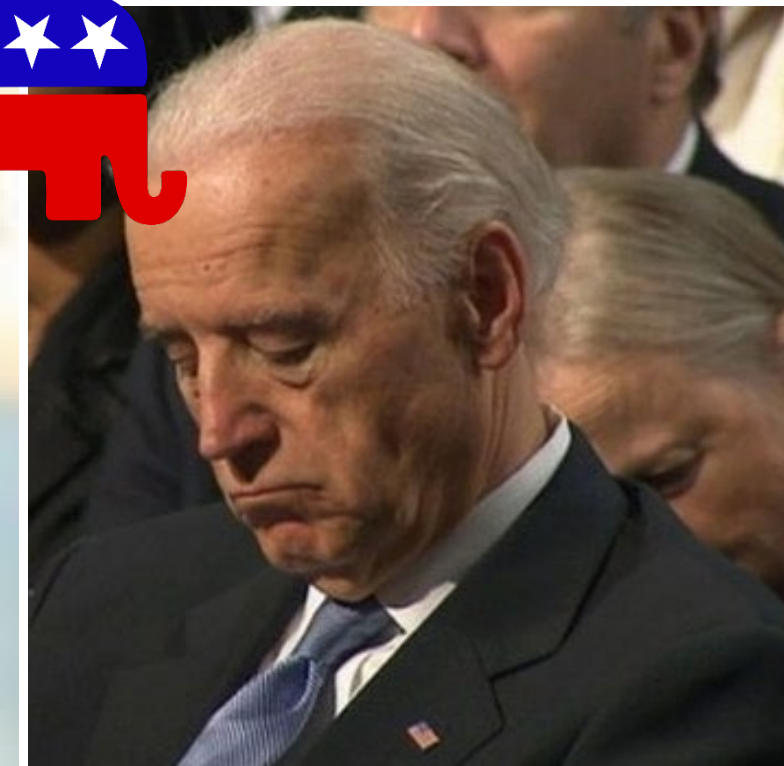
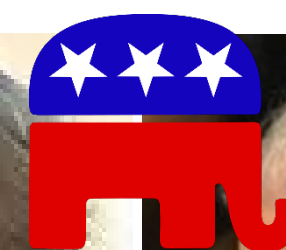
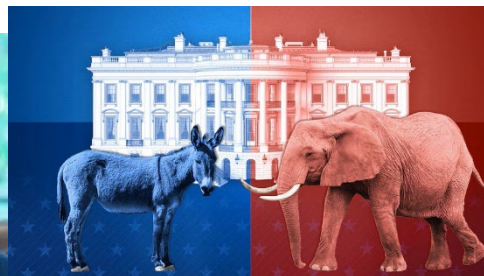


# Presidential Election was a Cult of Personality

Number of mentions about a candidate, not by the candidate themselves

11389

8890

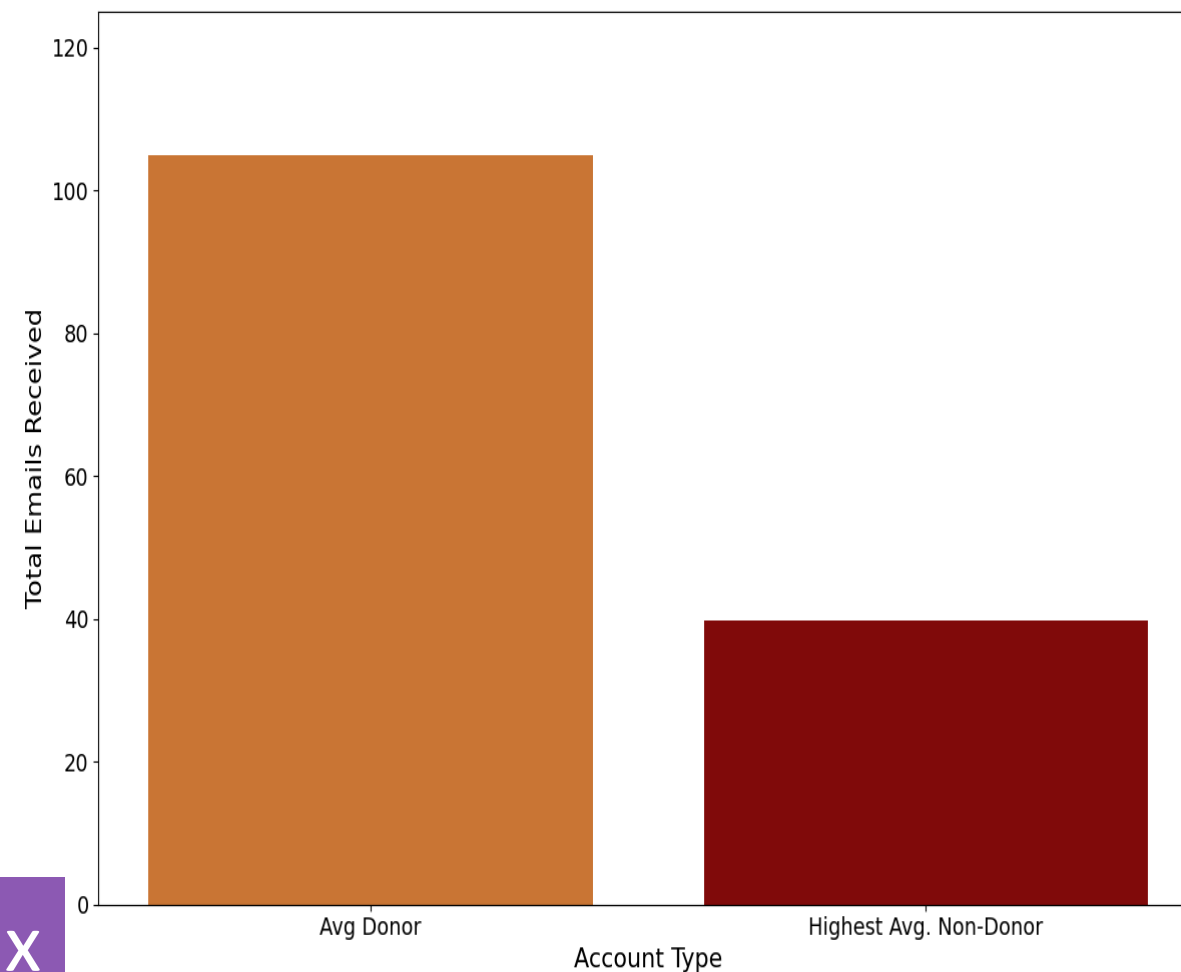




# Donors Receive 2.5 times as many emails

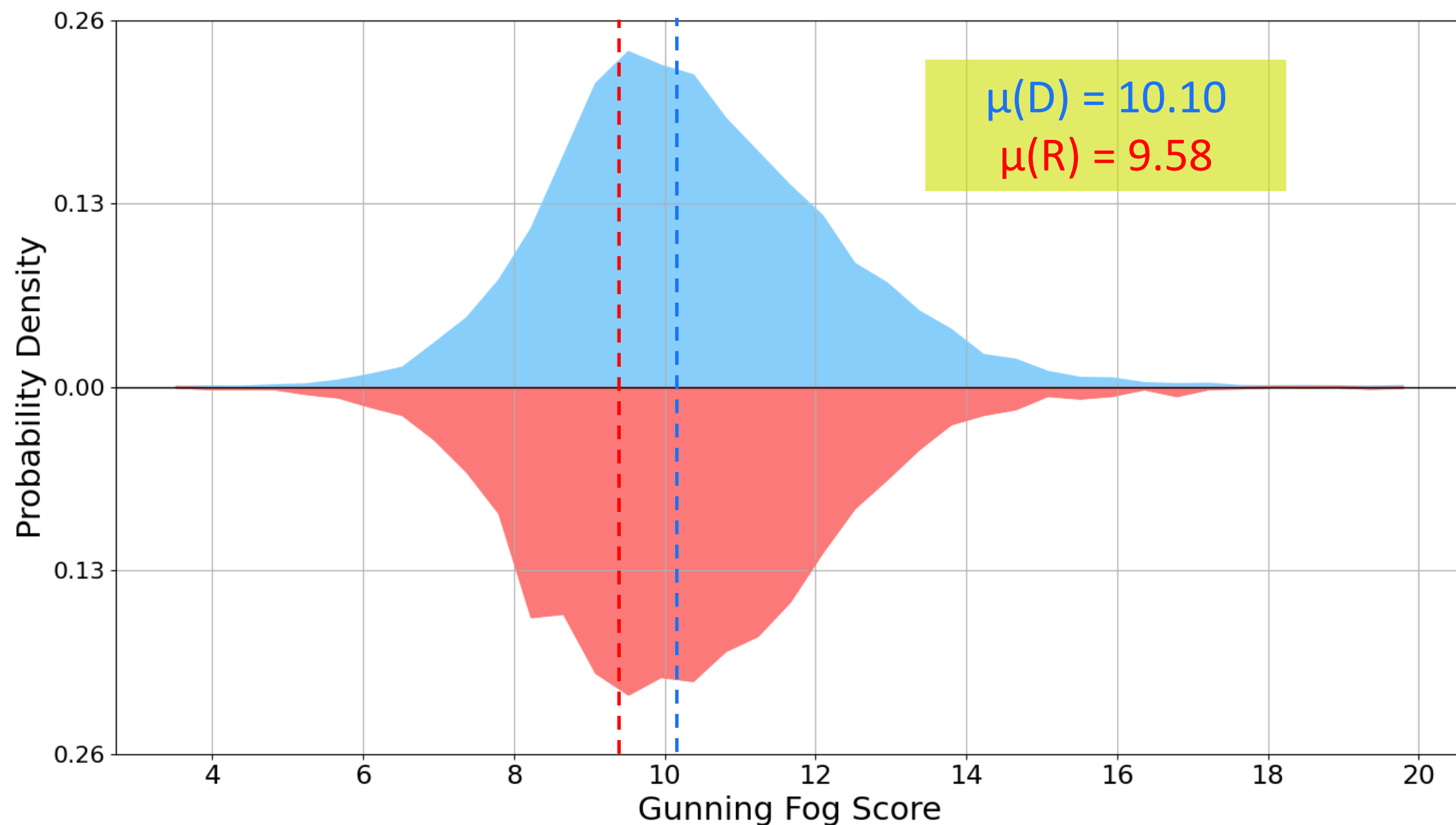


Donors received 2.5x  
as many emails, with  
higher rate of  
donation requests.



2506 Emails

# Email Readability



Average email  
written at a 9<sup>th</sup> -10<sup>th</sup>  
grade level

Higher educated  
politicians wrote  
simpler emails

Lesser educated  
districts received  
harder to read emails

<http://gunning-fog-index.com/>







# Who is pressing the send button?



**All Emojis Used:**

©



**All Emojis Used:**



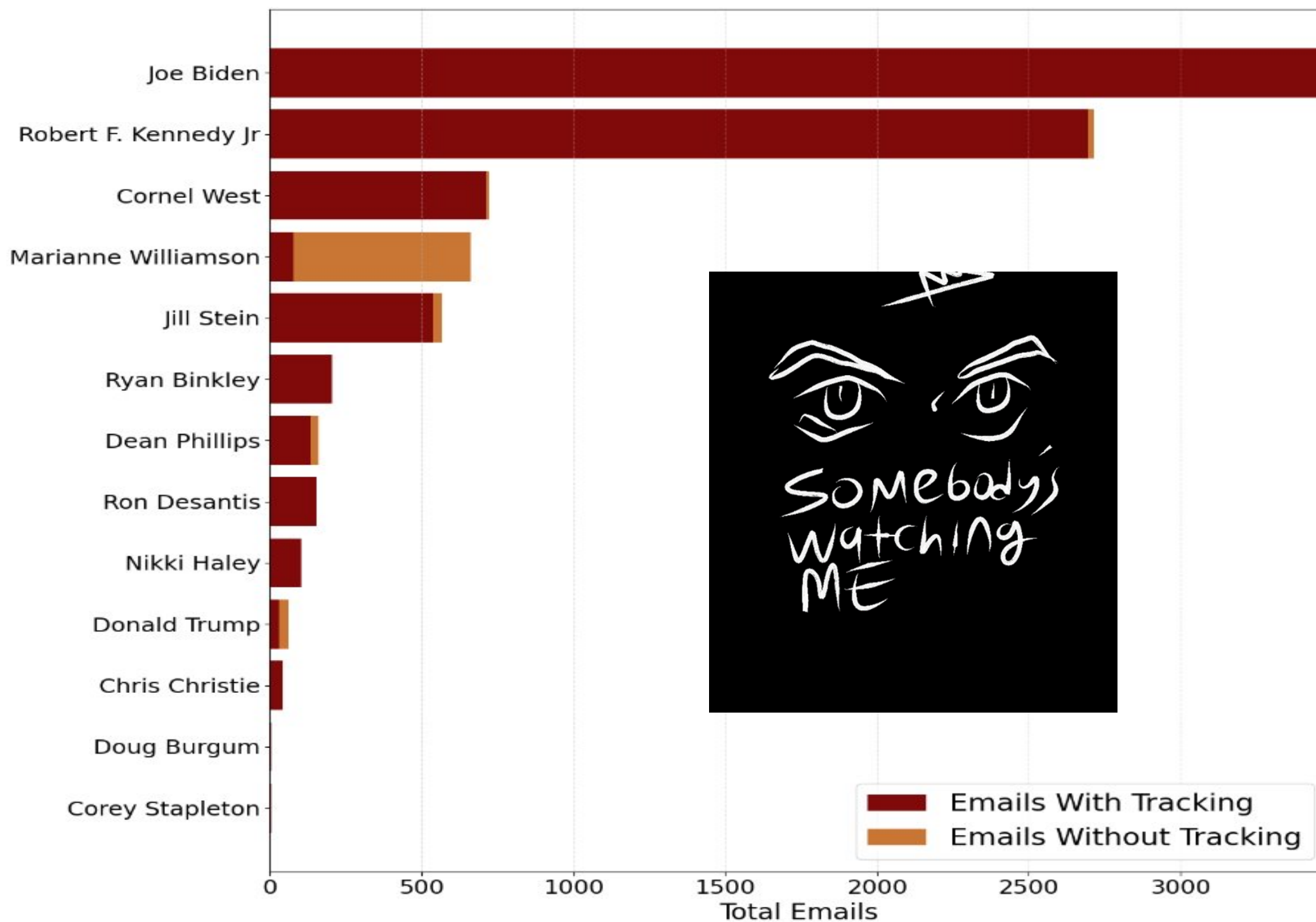
**Chellie Pingree**  
**Maine's 1<sup>st</sup> District (D)**

**All Emojis Used:**





# Tracking Pixels are the Norm



# Political Sharing Behaviors



1058  
emails



- Seamless transition from Biden mailing list to Harris (even the website re-directs)
- 72 candidates shared email lists

|       |     | To: |    |     |     |
|-------|-----|-----|----|-----|-----|
|       |     | D   | R  | 3rd | UNK |
| From: | D   | 29  | 1  | 3   | 20  |
|       | R   | 4   | 18 | 1   | 24  |
|       | 3rd | 0   | 1  | 4   | 9   |

Sharing  
Events

- 61/72 of candidates lost their races (85%)



Hope your candidate  
wins or else they'll likely  
share you contact info



Adam Schiff

Cory Booker, Angela Alsobrooks, Barbara Lee,  
Ro Khanna, National Black Women's  
Reproductive Justice Agenda



Kim Klacik

Glen Geelhaar, Finn Vizzi, C Liddick, HappyHahns?, Rich Gei,  
Traditional Wing Chun Baltimore



**KENNEDY**  
2024





# Intra-Party Sharing: Democrats (1 of 2)

- **Adam Schiff** → {National Black Women's Reproductive Justice Agenda, Cory Booker, Barbara Lee, Angela Overbrooks, Ro Khanna}
- Bob Casey Jr. → {Josh Shapiro}
- Bruno Grandsard → {Olivia Young}
- Don Samuels → {Jacob Frey (Minneapolis Mayor)}
- Emily Busch → {Alex Hawkins (MI House of Reps)}
- **Eric Sorensen** → {Digi Dems}
- Erin Marshall → {Cherlynn Stevenson (KY House)}
- Ernest Lineberger III → {C.R. Stewart, Darlene Oertel, Julie Bengston}
- **Gabriel Vasquez** → {Democratic Congressional Campaign Committee}
- Gloria Witt → {Alex Bastani (VA Lt. Governor), Gary Miller (VA House 49<sup>th</sup> District)}
- Hilary Franz → {Keith Dough}
- Joe Biden → {Kamala Harris}
- Kari Lerner → {Julie Falconer (canvasser), Pat Sjolander ([rubber chicken dinners](#))}
- Kirsten Engel → {Ro Khanna}
- **Laura Gillen** → {NY Democratic Party}
- Manny Lopez → {chinfl@pb08.wixemails.com}
- **Marie Gluesenkamp Perez** → {Digi Dems}

# Intra-Party Sharing: Democrats (2 of 2)

- **Melanie Ann Stansbury** → {Donna Lockner (Blue Review Democra-si), SC Forrester}
- Nick Melvoin → {Mark Hatton}
- Patricia Campos-Medina → {Sophia Bobrowsky}
- Rachel Bohman → {Larry Lanphere}
- Raquel Teran → {Mark Kelly (AZ Senate)}
- River Gassen → {Drew Goymerac}
- Sam Eppler → {John Bennett}
- **Steny Hoyer** → {chpf.net (website disabled)}
- Steve Williams → {Gabor Nemeth}
- Susan Wild → {M. Kelly}
- Tatiana Fernandez → {Ricky Santiago (KY House)}
- Tom Wells → {Avery Pittman (UF Pre-Law/intern)}
- Trisha Calvarese → {Upstream (Campaign Launching Platform)}
- Ty Pinkins → {MS Votes, Judy Ross}
- Valerie Lin McCray → {Sierra Roussos (signature gatherer)}
- Vaughn Cook → {Stephen Sobisky}
- Zachary Shrewsbury → {Jen Perelman (FL House)}



- Alex Balekian → {Ani Torosyan ([Armenian Report](#))}
- **August Pfluger** → {Troy Downing (MT House 2<sup>nd</sup> District)}
- Brian Wright → {Nick Begich, Tony Gonzales}
- Burt Thakur → {Albert@stpse.com [Deceptive site notification]}
- Chris Bish → {Atlan Consulting}
- Dan Franzese → {Diane Evans}
- Derek Merrin → {Charlie Mlcek, National Republican Congressional Committee}
- Derrick Anderson → {Winsome Earle-Sears, National Republican Congressional Committee}
- Eddie Garcia → {tim@vaffc.ccsend.com [*Constant Contact* 'Do-it-yourself Marketing']}
- Eric Hansen → {Pat Herrity (Fairfax County Board of Supervisors), newsletter@parlermailer.com}
- James Judge → {Matthew J Wuethrich}
- Jeff Gunter → {ambjrg.pinfiber.com}
- Jerry Evans → {John Goodman (IL Senate)}
- John Fabbriatore → {M-squaredstrategies.com (Political Strategy Consulting)}
- **Michael Baumgartner** → {dbx55555}
- Philip Singleton → {J Simpson (Capitol Resources – State and Government Affairs)}
- Robert Weinroth → {The Liberty Playbook, Unwavering Freedom}
- **Roger Wicker** → {Desoto County District Attorney's office}

# Intra-Party Sharing: Republicans (2 of 2)

- **Ryan Mackenzie** → {Andrew Bucci}
- **Scott Parkinson** → {George Washington University}
- **Tad Jude** → {Jason Stauffacher (State Farm Insurance?), **Ruth Bittner (Vice Chair MN 3<sup>rd</sup> District)**}
- **Trent Staggs** → {**Brad Wilson (UT House 15<sup>th</sup> District)**}
- **Valdamar Archuleta** → {Alton Rules ?}
- **Yvette Herrell** → {**National Republican Congressional Committee**}

## Intra-Party Sharing: Third-Party

- **Dan Osborn** → {Leanne Fan (Brennan Institute for Labor)}
- **Jill Stein** → {C. Rose, Dina Browning, **Green Yager, Tamara Yager (VA Green Party)**}
- **Mark Ruzon** → {Brent TR, cgr0ss, K Dephanger, Kevin C. Walsh, **American Solidarity Party**, Sarah Christina}
- **Michael Dublin** → {**NC Green Party**}



# Cross-Party Sharing

100% LOST

- Dean Phillips → {Andrew Yang}
- Jennifer Tran → {Jamieson Greer (US Trade Representative)}
- Joshua Griffin → {Joe Reagan (CO House)}
- Kim Klacik → {C Liddick, Finn Vizzi, Glen Geelhaar (MD House), happyhahns, Rich Gei/Kennedy for President, Traditional Wing Chun Baltimore}
- Mark Lamb → {Amnani Jamsari, Claudia Burton (OR Judge, 3<sup>rd</sup> District), C Leff, GEL Chirilov, Katelyn Gray, Mehan Bray, [support@helsinginolkain.fi](mailto:support@helsinginolkain.fi), Tyga Inzunza}
- Michael Van Meter → {Julie Mayfield (NC State Senate 49<sup>th</sup> District)}
- Robert F. Kennedy Jr → {Rural and Red Super PAC, solriou}
- Theodore Liddell → {Joe Miller (OH House 53<sup>rd</sup> District)}
- Thomas Carle → {Karen Baker (VA House), J David Swift (NY Green Party), Joeby Kowicz, Marcia Jo, Matthew Podoba (Political Podcasts)}
- Thomas Witkop → {AOL News, Paxus Calta (Anarchist)}

Mark Lamb  
AZ Senate (R)

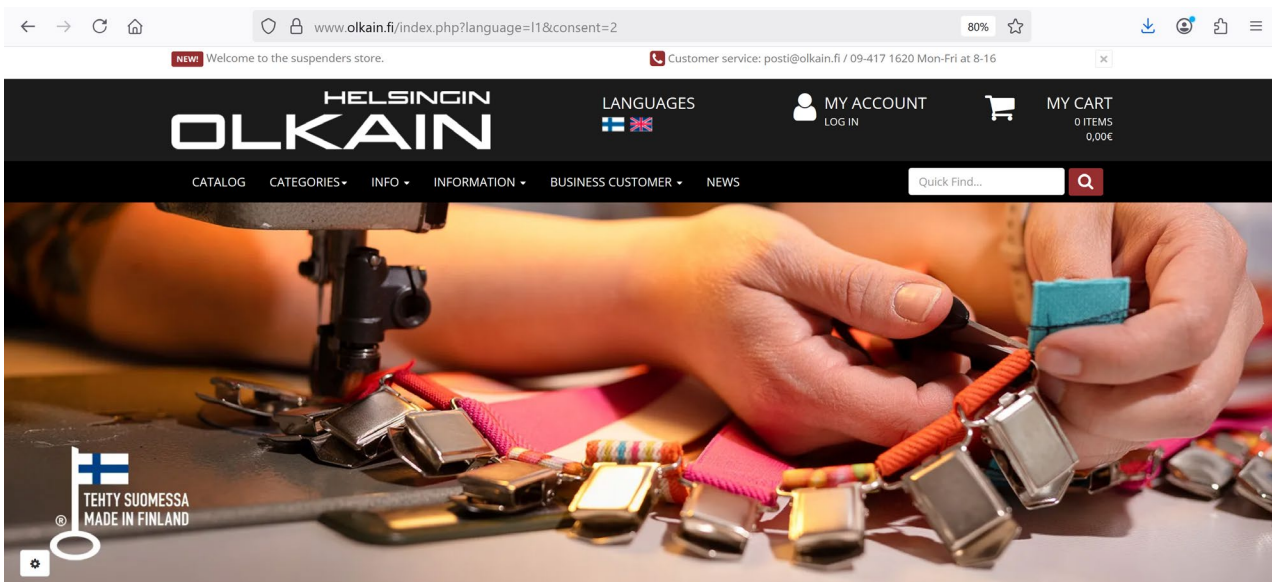


These New Generation [Japanese Insoles](#) Get Rid of Agonizing Foot Pain Without Expensive Medical Bills

Akusoli insoles combine advanced arch support, acupressure cushioning, and magnetic therapy to **relieve foot pain and provide comfort instantly**. Let's start with the proper arch support. It distributes your weight evenly to reduce pressure and pain in your feet. The technology also eliminates muscle tension and joint pain in most parts of your lower body. Yes, **this also includes the lower back**.

Akusoli insoles are designed to help support your feet while providing relief from various foot conditions, such as plantar fasciitis and general foot discomfort. The cushioned areas and targeted pain relief features can help alleviate pain and improve overall foot well-being.

Feel Like Your Old Self Again 70% OFF  
Today Only!

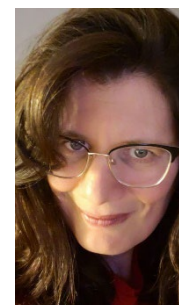


“Pat Maebh  
D. Thomas”

Malware scam



Oregon 3<sup>rd</sup>  
Judicial District



Carolyn Leff



Amnani Jamsari



Tyga Inzunza



GEL Chirilov



Katelyn Gray



Mehan Bray



John Liccione  
(D) for U.S. House  
Fl. 13<sup>th</sup> District



8 pieces of mail from  
Oct 2023-Nov 2024

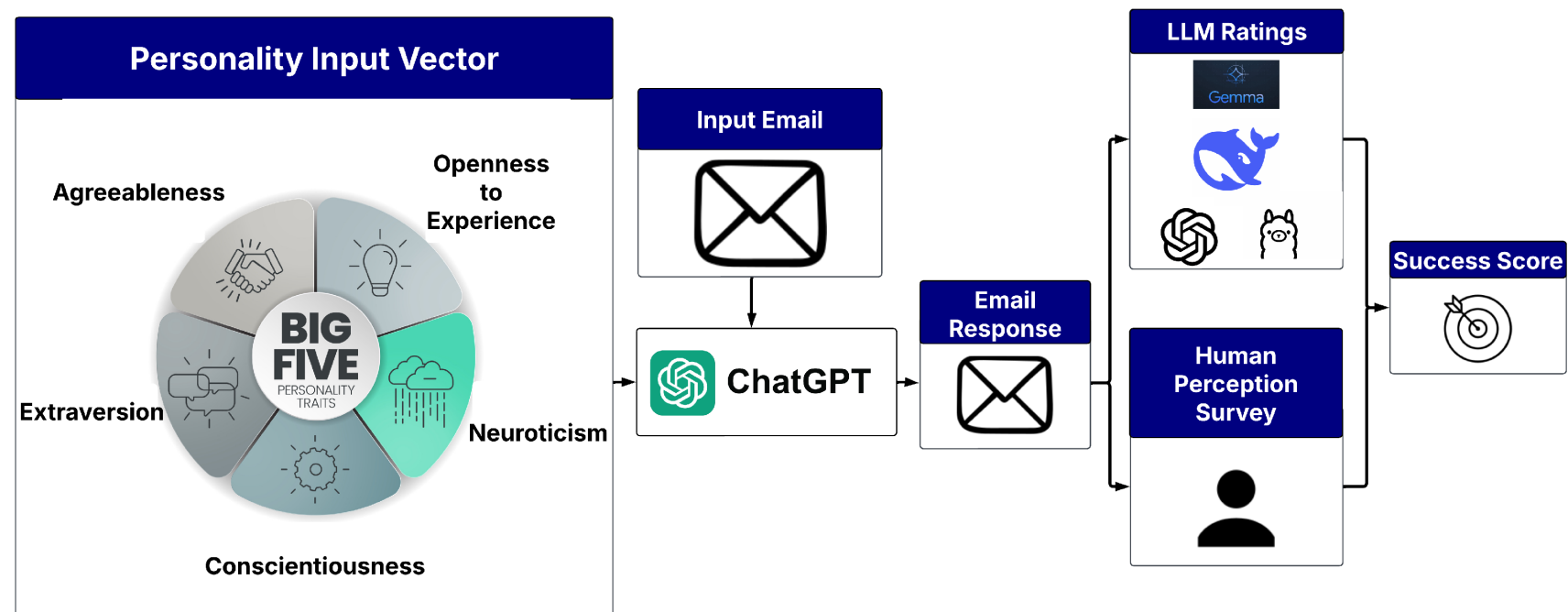
2 credit cards w/ fraud alerts  
2 debit cards frozen







## Exploring LLM emulation of human personality

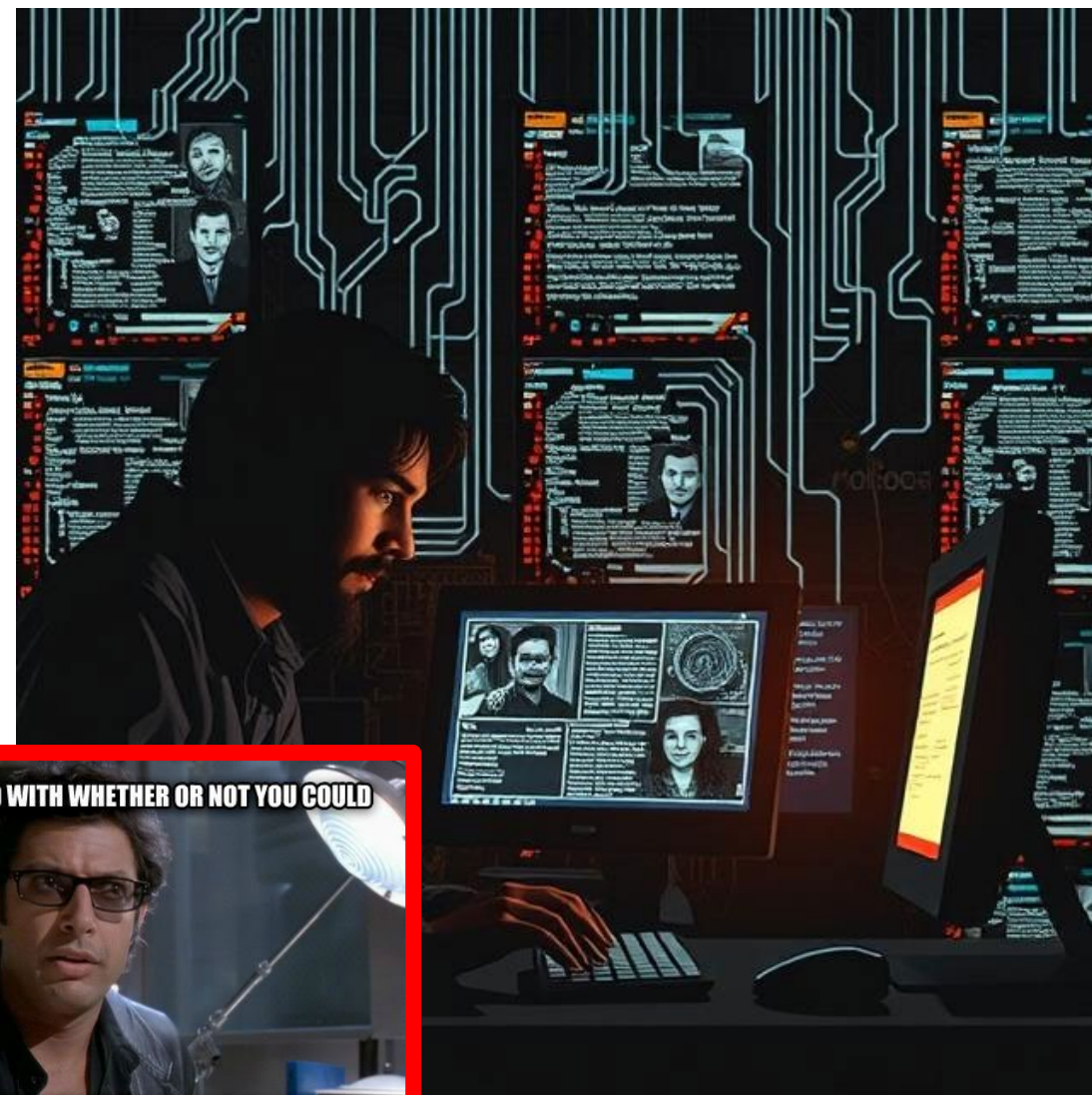
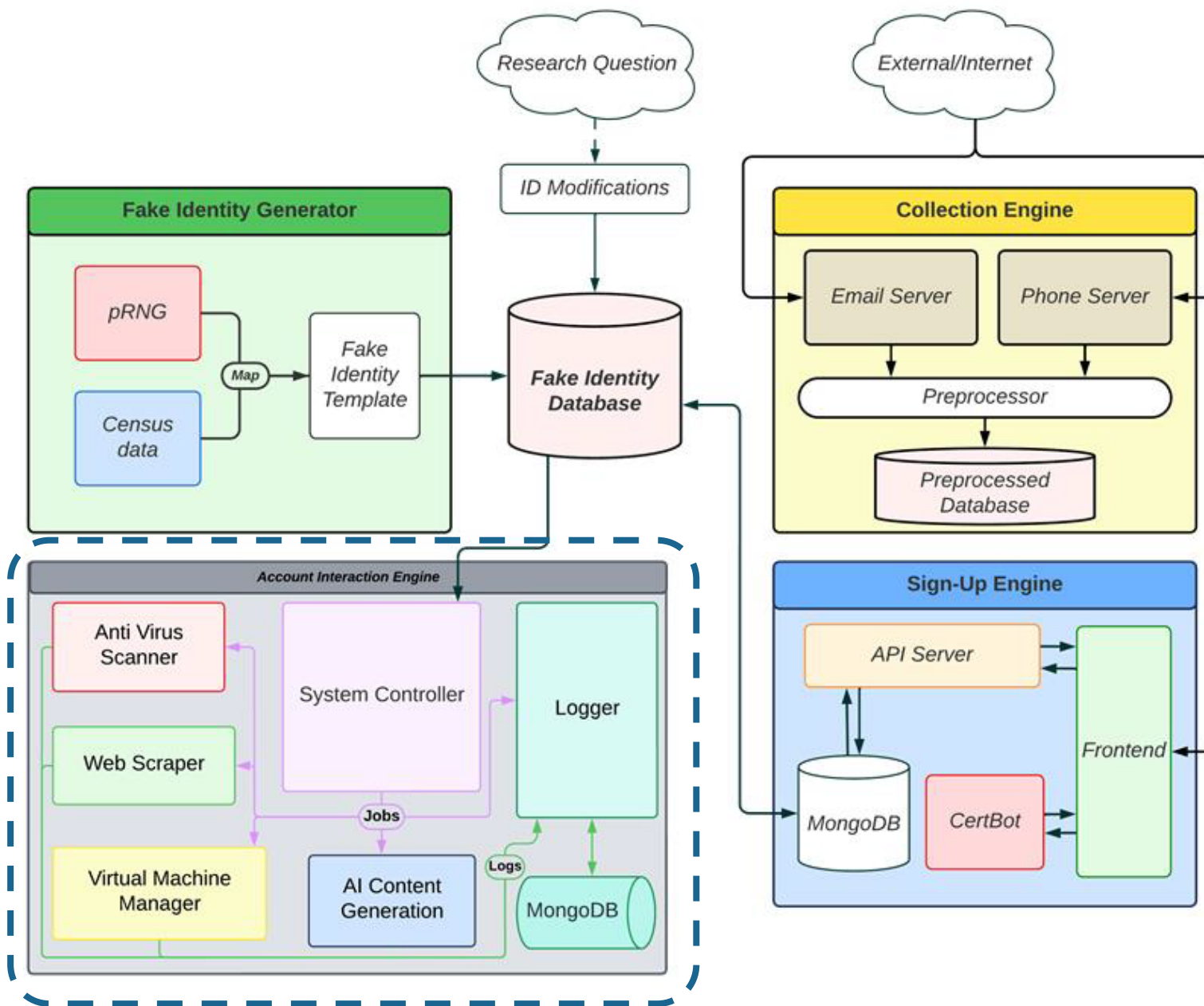




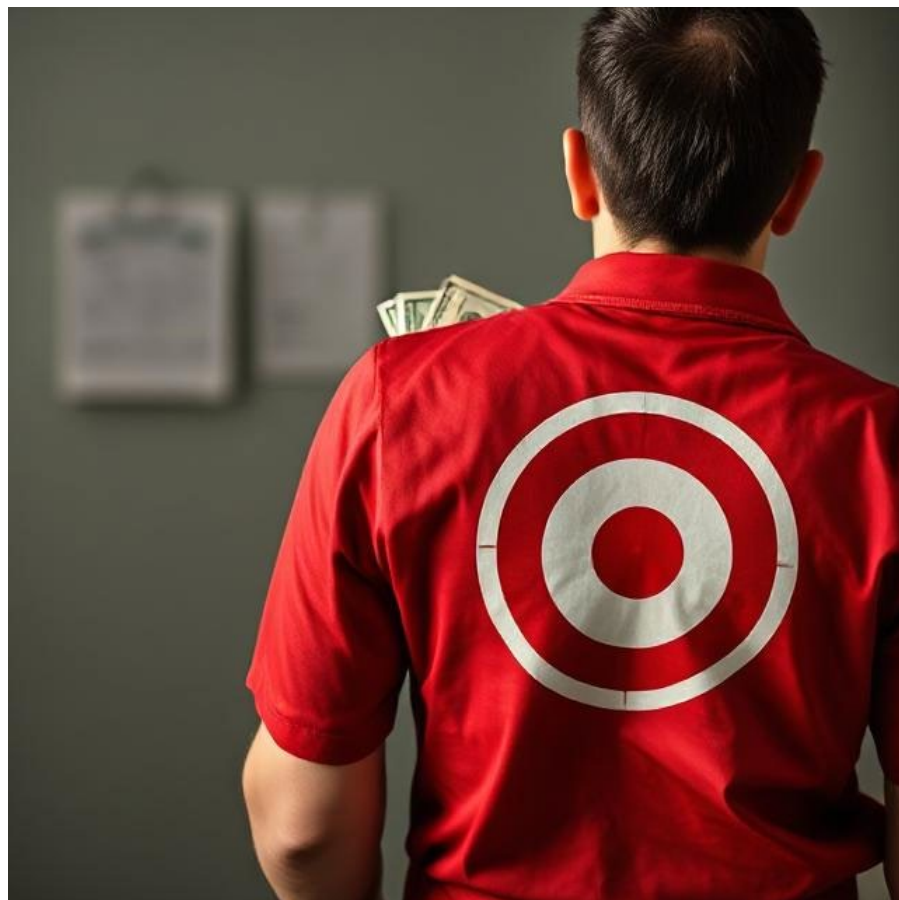
# Coming Soon: Account Interaction Engine

Automation processes now support AI-generated responses

Pausing AI usage to develop an active OSINT ethics framework







If you donate to a political campaign, they will ask you to donate again 2.5 times as much.



Personal information usage is plentiful, and similar across parties; 5% of candidates share your info with third parties.



Fundamentally, candidates did not talk much about issues other than Trump, just requests to donate.



## Welcome to U&A

Access your research questions and  
manage FIDs

Log in →

Need access? Contact your administrator



Visiting from BlackHat Conference?

BlackHat Access →

### Filters

Branch

All

House

Senate

Presidential

Outcome

Lost Primary

Won Primary, Lost Election

Won Election

## U&A Dashboard Demo

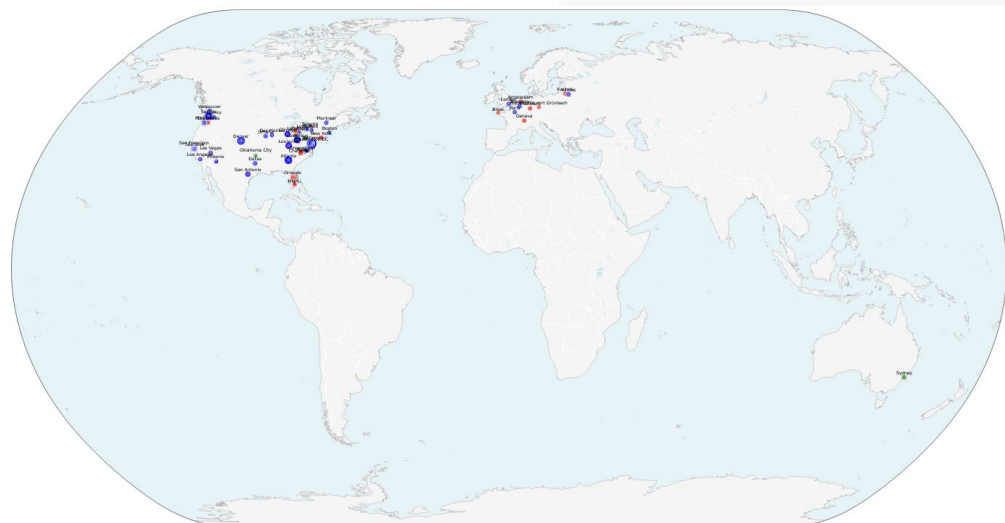


<https://uaabank.com>

## Blackhat USA 2025 Whitepaper



BHUSA 2025 U&A Briefings Page





**Thank you!**