

Hello,

My name is Maddie Love, I'm a DFLer who has been involved in the party since 2018 and has spent the last half a decade working in political data. I currently work as the Data Director at the Minnesota Nurses Association, however on Saturday July 19th I was at the Minneapolis DFL convention as a volunteer and observer.

The convention started balloting electronically around 4:30 (estimated) using Jotform. After a practice ballot and the first ballot for the mayoral race, there was a prayer break and about 10-15 minutes after that, I was asked by a friend to go to the teller booth to see if preliminary results were ready. At the teller booth was Lucas [REDACTED] (Frey campaign), Natalie [REDACTED] (Davis campaign), Akhi [REDACTED] (Fateh campaign), Amy [REDACTED] (DFL Head Teller), and another DFL teller Abdirashid [REDACTED].

All the ballots had been successfully received, however the Excel sheet that Amy had built to tabulate the results was full of broken formulas. At that point, Amy was manually marking duplicate ballots but was on ballot 90 of more than one thousand submissions. Myself and Lucas both made suggestions to attempt to help her fix her formulas, with little success. Amy began to get a migraine and was clearly having issues typing and reading the screen. At that point, I offered to take over typing. For over an hour (to the best of my knowledge), I sat actively collaborating with Lucas to identify possible formula solutions. At some point during this, Amy had to leave due to her migraine, however everyone else remained. Lucas and I were aligned on the approach, however the size of the Excel file combined with the speed of Amy's computer meant that we were having issues creating any formulas or doing the data analysis needed to calculate results. The computer kept freezing because of the large amount of data and, from what I could tell, an outdated version of Excel.

Throughout the entire time, Akhi, Natalie, Lucas, Abdirashid, and Briana [REDACTED] were present and actively watching what was happening on the screens. Lucas was video recording me (without my consent), however I continued to work to hopefully allow the convention to continue. I shared that I was not employed by any of the campaigns.

I suggested sending the data to my personal computer, which was faster, so we could try multiple approaches at the same time to speed things up. Lucas agreed on the condition that data was sent to each campaign. The Davis and Fateh campaigns had no objections. The files were downloaded exactly as they were from Jotform (ballots) and the credentials report Amy had open on her computer. They were not modified, altered, or changed in any way. I sent the files for results and credentials to myself and to Lucas and then forwarded them to Natalie. I am happy to provide those email records if needed.

From there, I loaded the files into BigQuery so I could easily analyze them using SQL without slow formulas in Excel. I did not alter or change the files or inspect any personal information. I was witnessed by each of the campaign staff while doing this. I matched the votes (which contained the ballot ID and vote selection (i.e. ballot_id: 123456, vote_selection: Joe Candidate)

to the delegate list, which also contained the ballot ID. I created a ranking so that if the same person submitted multiple votes, we would only count their most recent vote, and joined their delegate status from the credentials report to pull the results. The query I used is below:

```
WITH results AS (  
  SELECT d2.*,  
  c.Del_Alt  
  ,RANK() OVER (PARTITION BY int64_field_1 ORDER BY timestamp_field_0 DESC) as  
  submission_rank  
  FROM `mlove_analysis.delegate2` d2  
  LEFT JOIN `mlove_analysis.credentials2` c  
  ON CONCAT(LEFT(ballot_code, 3),RIGHT(ballot_code,3)) = CAST(d2.int64_field_1 AS  
  STRING)  
)  
SELECT string_field_2  
  ,COUNT(DISTINCT int64_field_1)  
FROM results  
WHERE submission_rank = 1  
AND del_alt = '(a) Delegate'  
GROUP BY 1  
ORDER BY 2 DESC
```

Some additional information about the vote:

- There were 1302 ballots cast from 1014 unique ballot IDs. That means that 288 ballots were duplicates (where a person voted more than once). 222 people cast more than one ballot.
- Delegates AND alternates were allowed to cast a ballot using the QR code on the screen and were told that the system would be used to only count ballots from delegates.
- At around noon, the credentials reports said there were 652 delegates checked-in.
- Of the unique 1011 ballot IDs: 577 matched to people credentialed as delegates, 310 matched to people credentialed as alternates, 1 matched to a person credentialed as a DPL, and 124 had ballot IDs that did not match to IDs on the credentials (meaning they had entered an incorrect ballot code and their ballot was spoiled- akin to not signing the back of your paper ballot)

Here are the results of vote when ONLY delegates are included, abstentions were not included in the total. Duplicate votes by the same person are not included.

Candidate	Votes Cast	%
Omar Fateh	253	43.85%
Jacob Frey	182	31.54%
Dewayne Davis	115	19.93%
Jazz Hampton	23	3.99%
Brenda Short	2	0.35%
No Endorsement	2	0.35%
Abstain	1	
TOTAL	577	

Here are the results of the vote when delegate, alternate, and spoiled ballot votes were included, abstentions also not included in the total. Duplicate votes by the same person are not included.

Candidate	Votes Cast	%
Omar Fateh	452	44.58%
Jacob Frey	318	31.36%
Dewayne Davis	192	18.93%
Jazz Hampton	45	4.44%
Brenda Short	3	0.30%
No Endorsement	2	0.20%
Abstain	2	
TOTAL	1014	

Right after I showed the first set of results to campaigns that were present (Natalie - Davis, Akhi - Fateh, Lucas - Frey), Lucas began to say that he no longer felt I should have pulled the results, despite collaborating, agreeing, and observing the entire time. There was an argument between the Frey campaign and the other campaigns. Ultimately I advised that campaigns do not get to "object" to results at conventions or obstruct results from being shared with delegates. I made the point that if this were a paper ballot, candidates could file a challenge but they could not object or prevent the results from being shared. At that time, Briana instructed me to give the results to the other DFL volunteers so they could be displayed, which I did. I was then asked if I could help continue with electronic balloting through a second mayoral ballot and the parks board races if needed.

After this point, I asked to be excused so I could grab my backpack and take a lap to stretch my legs. I voluntarily left my computer AND phone at the teller booth to ensure the integrity and privacy of the data. I returned to the booth shortly after and helped prepare electronic ballots for Park Board. The body chose to proceed with badge votes, so those votes were not needed or used. At that point, I left the teller booth as I did not have an official role and was no longer needed.

Additional information, in case it's helpful:

- Part of why I chose to use BigQuery is because then all of my queries and actions are fully auditable. It can be viewed that I did not alter or change any of the data and my exact calculations can be traced and re-created.
- There was concern about the total number of ballots cast raised by delegates. However, there were 577 ballots cast at a convention where the most recent credentials report that I recall said there were 652 total delegates. That report was given several hours prior, therefore in my professional opinion, the number of ballots cast is logical/reasonable.
- I did not do any delegate upgrades as I was not a member of the credentials committee, nor was I instructed to do any upgrades. I pulled the results from both delegates AND alternates for reference and you can see that the results were not substantively different. If the DFL wanted me to help figure out the upgrades and re-pull the information, I would be happy to do that.
- Upon agreement from all the campaigns, Lucas and Natalie both deleted their copies of the data from their email, their trash, and their computers. This was witnessed by myself and the head teller, as well as Lucas and Natalie. No other person was sent a copy of the data.
- By agreement from the campaigns as well as Briana, I did not delete the data from my computer to ensure that it could be fully auditable as the Frey campaign had declared their intention to file a challenge.

I would be happy to answer any additional questions about the situation or share my work. I stand behind the work that I did and took additional steps to ensure it was transparent. I documented my actions at the time in an email to Briana and the Chair of the Minneapolis DFL which was sent to them around 8pm while I was at the teller booth.

Sincerely,

Maddie Love