

RCV Example

6 messages


Deutsch, Herb <hdeutsch@essvote.com>

To: George Gilbert <george.gilbert@rankedchoicevoting.org>, "L. Massa-Lochridge" <lauren.massa.lochridge.sf@gmail.com>

Thu, May 3, 2018 at 2:30 PM

Here's a ballot example of RCV. It shows 4 candidates, 10 ballots and 3 rounds. It doesn't have all the corner cases of unvoted choices, overvoted choices, duplicate choices, etc. But it does show the candidate that had the most votes in the 1st round losing. I've pasted the spread sheet in below as well as attached the file. I thought about sorting thing but the order would change between rounds. Maybe sorting the 1st round by choice but then keeping the order the same would be best. Does this make sense?

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2	B	A	D	C	B	A	D	C	B	A	D	C
3	C	B	A	D	C	B	A	D	B	A	D	
4	A	C	B	D	A	C	B	D	A	C	B	D
5	B	C	A	D	B	C	A	D	B	C	A	D
6	A	C	B	D	A	C	B	D	A	C	B	D
7	B	A	C	D	B	A	C	D	B	A	C	D
8	D	B	A	C	B	A	C		B	A	C	
9	C	B	A	D	C	B	A	D	B	A	D	
10	A	B	C	C	A	B	C	C	A	B	C	C
Cand	Total	%	Transfer		Total	%	Transfer		Total	%	Transfer	
A	4	40%			4	40%			4	40%		
B	3	30%	1		4	40%	2		4	60%		
C	2	20%			2	20%	-2		0			
D	1	10%	-1		0				0			

 RCV_Example.xlsx

11K

Deutsch, Herb <hdeutsch@essvote.com>

To: George Gilbert <george.gilbert@rankedchoicevoting.org>, "L. Massa-Lochridge" <lauren.massa.lochridge.sf@gmail.com>

Thu, May 3, 2018 at 2:43 PM

Here's the same spread sheet sorted by first choice round 1. There was also an error in the count for B round 3. It should have showed 6 but the % was correct.

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C	2	20%			2	20%	-2		0			
D	1	10%	-1		0				0			

From: Deutsch, Herb
Sent: Thursday, May 03, 2018 4:31 PM
To: 'George Gilbert'; 'L. Massa-Lochridge'
Subject: RCV Example

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George Gilbert <george.gilbert@rankedchoicevoting.org>
To: "Deutsch, Herb" <hdeutsch@essvote.com>
Cc: "L. Massa-Lochridge" <lauren.massa.lochridge.sf@gmail.com>

Thu, May 3, 2018 at 5:43 PM

Am still studying yours but thought I would share what I did. I do like showing the transfers. I have also included a set of overvote options.

I preserved the basic format of your original tables, which may have some merit. I'm not wedded to it. See what you think and I will give your format more thought.

Gg

George Gilbert
RCV Resource Center
george.gilbert@rankedchoicevoting.org
336-906-0047

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To: George Gilbert <george.gilbert@rankedchoicevoting.org>
Cc: "L. Massa-Lochridge" <lauren.massa.lochridge.sf@gmail.com>

Fri, May 4, 2018 at 9:53 AM

I see how your preserved the original format. I too have mixed emotions. The RCV format I used seems much simpler and it’s easier to follow from 1 round to the next. It sort of is based on the Excel format that we export. I certainly can add missing votes, overvotes and duplicate votes. Probably will need more ballots to do that (maybe 20). I’ll also have to think more about this.

In the meantime I’ve added a third tab to the original spread sheet to show Open Primary with and without a Party Preference contest. I moved the example list to the top for both straight party as well as this new one. I tried to show a normal ballot with different party votes with and without the Party Preference (PP) contest to show that it’s presence or absence is not significant UNLESS there is a crossover. I then show its presence with different voting patterns (valid and not) in the crossover case. I think the 7 examples are sufficient to illustrate the different scenarios. Looking for agreement or disagreement.

From: George Gilbert [mailto:george.gilbert@rankedchoicevoting.org]
Sent: Thursday, May 03, 2018 7:44 PM
To: Deutsch, Herb
Cc: L. Massa-Lochridge
Subject: Re: RCV Example

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 **TabulationExamples(5-3-2018).xlsx**
26K

George Gilbert <george.gilbert@rankedchoicevoting.org>
To: "Deutsch, Herb" <hdeutsch@essvote.com>
Cc: Lauren Massa-Lochridge <lauren.massa.lochridge.sf@gmail.com>

Fri, May 4, 2018 at 10:20 AM

Yeah this morning I was thinking that there would be some real advantages to structuring it very much like your CVR. That way the test pattern could be the test vote as well, at least for E S & S data and it wouldn't take much to convert it to other vendor formats.

A few countif macros would make it pretty easy to keep straight.

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Ballot #	Round 1				Round 2				Round 3			
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1	A	B	C	D	A	B	C	D	A	B	C	D
2	B	A	D	C	B	<td width="91" nowrap="" valign="bottom" style="width:54.35pt;border-top:none;border-left:none;border-bottom:solid windowtext">						

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To: "Deutsch, Herb" <hdeutsch@essvote.com>
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Fri, May 4, 2018 at 10:25 AM

I also think rather than trying to include all variants in a single data set we might consider multiple 10 ballot datasets for different variant tests as I did with the overvote set.

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