

Virtual Round Robin Election

(a.k.a. Condorcet's Method)

A ballot based on rankings

- A voter casts a ballot indicating which candidate is their first choice, second choice, third choice, and so on.

2	Alice
3	Bob
1	Carl
4	Dave

VRR: A tournament between candidates

vs.	Alice	Bob	Carl	Dave
Alice				
Bob				
Carl				
Dave				

VRR: A tournament between candidates

- 31 Votes cast might wind up looking like this:

vs.	Alice	Bob	Carl	Dave
Alice		16	14	16
Bob	15		17	20
Carl	17	14		16
Dave	15	11	15	

A single ballot counted:

2	Alice
3	Bob
1	Carl
4	Dave

vs.	Alice	Bob	Carl	Dave
Alice				
Bob				
Carl				
Dave				

Carl vs. Alice

2	Alice
3	Bob
1	Carl
4	Dave

vs.	Alice	Bob	Carl	Dave
Alice				
Bob				
Carl	1			
Dave				

Carl vs. Bob

2	Alice
3	Bob
1	Carl
4	Dave

vs.	Alice	Bob	Carl	Dave
Alice				
Bob				
Carl	1	1		
Dave				

Carl vs. Dave

2	Alice
3	Bob
1	Carl
4	Dave

vs.	Alice	Bob	Carl	Dave
Alice				
Bob				
Carl	1	1		1
Dave				

Alice vs. Bob and Dave

2	Alice
3	Bob
1	Carl
4	Dave

vs.	Alice	Bob	Carl	Dave
Alice		1		1
Bob				
Carl	1	1		1
Dave				

Bob vs. Dave

2	Alice
3	Bob
1	Carl
4	Dave

vs.	Alice	Bob	Carl	Dave
Alice		1		1
Bob				1
Carl	1	1		1
Dave				

A single ballot counted:

2	Alice
3	Bob
1	Carl
4	Dave

vs.	Alice	Bob	Carl	Dave
Alice		1		1
Bob				1
Carl	1	1		1
Dave				

Another ballot counted:

1	Alice
2	Bob
3	Carl
4	Dave

vs.	Alice	Bob	Carl	Dave
Alice		2	1	2
Bob			1	2
Carl	1	1		2
Dave				

Another ballot counted:

4	Alice
2	Bob
3	Carl
1	Dave

vs.	Alice	Bob	Carl	Dave
Alice		2	1	2
Bob	1		2	2
Carl	2	1		2
Dave	1	1	1	

And The Winner Is

- Bob defeats Carl 17-14, Dave 20-11
- Alice defeats Bob 16-15, Dave 16-15
- Carl defeats Alice 17-14, Dave 16-15
- Throwing out the weak defeat from Alice, Bob is the winner

vs.	Alice	Bob	Carl	Dave
Alice		16	14	16
Bob	15		17	20
Carl	17	14		16
Dave	15	11	15	