

This is a problem for almost all ranked choice methods with multiple "rounds" of voting, including the task force method.

V1	1	2	3	4	5
A	X				
B					
C					
D					
E					

V6	1	2	3	4	5
A	X				
B					
C					
D					
E					

First an example where moving a vote higher can hurt the candidate. Since they are going through simulated elections I'll list out the ballots (20 ballots, 5 candidates). This is particularly for FairVote 1, for the second city council seat.

V2	1	2	3	4	5
A	X				
B					
C					
D					
E					

V7	1	2	3	4	5
A		X			
B	X				
C					
D					
E					

X's represent a preference that will be counted at some point in the sequential elimination. O's represent preferences that will not be counted in the sequential elimination. O's however will be counted when examining the changes in preference of two voters.

V3	1	2	3	4	5
A	X				
B					
C					
D					
E					

V8	1	2	3	4	5
A		X			
B	X				
C					
D					
E					

V4	1	2	3	4	5
A	X				
B					
C					
D					
E					

V9	1	2	3	4	5
A					
B	X				
C		X			
D					
E					

V5	1	2	3	4	5
A	X				
B					
C					
D					
E					

V10	1	2	3	4	5
A					
B	X				
C		X			
D					
E					

V11	1	2	3	4	5
A		X			
B	X				
C					
D					
E					

V16	1	2	3	4	5
A					
B					
C		X			
D	X				
E					

So now if the tallies are taken, listing candidates (C) vs. number of votes in each round(R).

C\R	1	2	3	4
A	6	6	7	11
B	5	5	6	X
C	4	5	7	9
D	3	4	X	X
E	2	X	X	X

V12	1	2	3	4	5
A					
B		O			
C	X				
D					
E					

V17	1	2	3	4	5
A			O		
B					
C		X			
D	X				
E					

Note that in this round of voting A wins.

V13	1	2	3	4	5
A					
B		O			
C	X				
D					
E					

V18	1	2	3	4	5
A		X			
B					
C					
D	X				
E					

V14	1	2	3	4	5
A					
B		O			
C	X				
D					
E					

V19	1	2	3	4	5
A			O		
B					
C		X			
D					
E	X				

V15	1	2	3	4	5
A					
B		O			
C	X				
D					
E					

V20	1	2	3	4	5
A				X	
B			X		
C					O
D		X			
E	X				

Now consider that two voters change their preferences to rank A higher on the ballot. Consider voters 17 and 19 changing their ballots to the following.

V17	1	2	3	4	5
A		X			
B					
C			O		
D	X				
E					

This is the result of A being ranked higher than C on more ballots but B being ranked higher than A on more ballots so depending on the head to head matchup a different person is elected.

V19	1	2	3	4	5
A		X			
B					
C			O		
D					
E	X				

Everyone else's vote stays exactly the same. Now if you go through the same tally and rounds of sequential eliminated the election has the following outcome.

C\R	1	2	3	4
A	6	8	9	9
B	5	5	6	11
C	4	4	5	X
D	3	3	X	X
E	2	X	X	X

Notice now that B is elected instead of A even though the only changes made were to move A higher on the ballot.

This could also happen in FairVote 2. Again consider the race for the second seat with the following ballots.

V1	1	2	3
A	X		
B			
C			

V2	1	2	3
A	X		
B			
C			

V3	1	2	3
A	X		
B			
C			

V4	1	2	3
A	X		
B			
C			

V5	1	2	3
A	X		
B			
C			

V6	1	2	3
A	X		
B			
C			

V7	1	2	3
A	X		
B			
C			

V8	1	2	3
A	X		
B			
C			

V9	1	2	3
A		O	
B	X		
C			

V10	1	2	3
A		O	
B	X		
C			

V11	1	2	3
A			
B	X		
C		O	

V12	1	2	3
A			
B	X		
C		O	

V13	1	2	3
A			
B	X		
C		O	

V14	1	2	3
A			
B	X		
C		O	

V15	1	2	3
A			
B	X		
C		O	

V16	1	2	3
A		X	
B			
C	X		

V17	1	2	3
A		X	
B			
C	X		

V18	1	2	3
A		X	
B			
C	X		

V19	1	2	3
A			
B		X	
C	X		

V20	1	2	3
A			
B		X	
C	X		

V21	1	2	3
A			
B		X	
C	X		

So the result is

C\R	1	2
A	8	11
B	7	10
C	6	X

Consider if voters 9 and 10 changed their vote to

V9	1	2	3
A	X		
B		O	
C			

V10	1	2	3
A	X		
B		O	
C			

Then the result would be

C\R	1	2
A	10	10
B	5	X
C	6	11

So in this situation C wins instead of A. Despite the only changes being made were ranking A higher on two ballots.