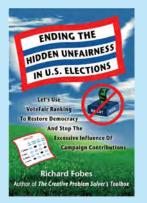
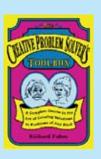
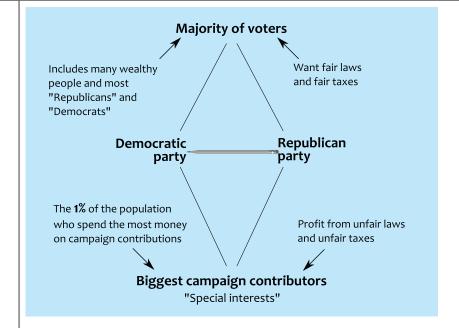
VoteFair ranking

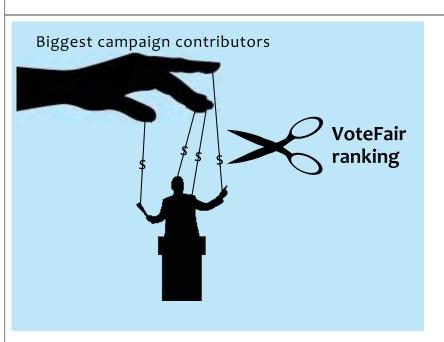
Math-based voting power for the 99%

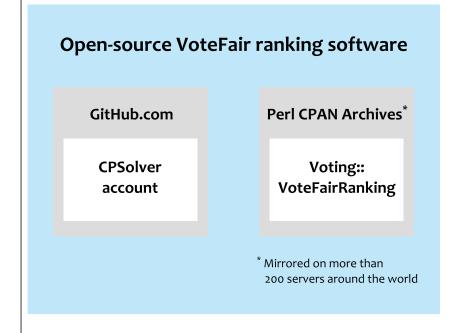


Richard Fobes

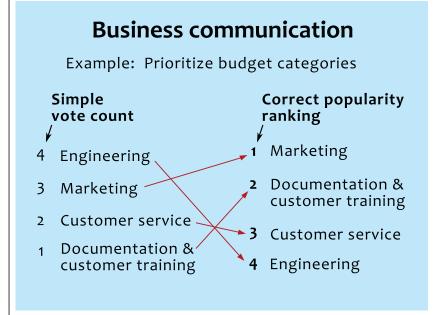






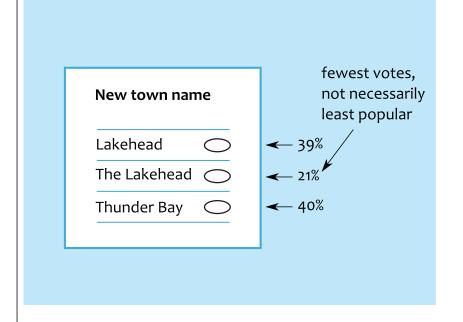






Key point:

There are different kinds of popularity



Single-mark ballot

Academic name: plurality ballot

Clifford Caraban Gordon Mora

Only a

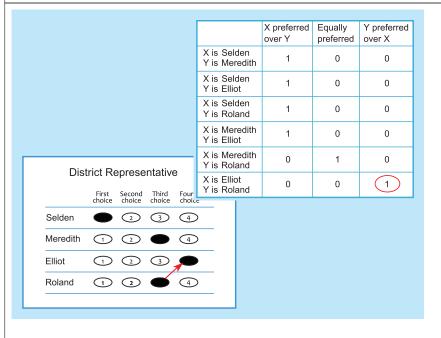
✓ single mark
is allowed

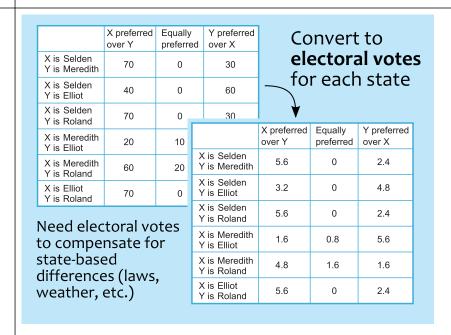
1-2-3 ballot

Academic names: preferential ballot (redundant!), ranked ballot

District Representative

	First choice	Second choice	Third choice	Fourth choice
Selden	1	2	3	4
Meredith	1	2	3	4
Elliot	1	2	3	4
Roland	1	2	3	4
				•





Sequence: Elliot → Seldon → Roland → Meridith

Score: 60 + 70 + 70 + 70 + 70 + 20

	X preferred over Y	Equally preferred	Y preferred over X	
X is Selden Y is Meredith	70	0	30	
X is Selden Y is Elliot	40	0	60	
X is Selden Y is Roland	70	0	30	
X is Meredith Y is Elliot	20	10	70	
X is Meredith Y is Roland	60	20	20	
X is Elliot Y is Roland	70	0	30	

First candidate	Second candidate	Third candidate	Fourth candidate	Sequence score
Selden	Meredith	Elliot	Roland	330
Selden	Meredith	Roland	Elliot	290
Selden	Elliot	Meredith	Roland	380
Selden	Elliot	Roland	Meredith	340
Selden	Roland	Meredith	Elliot	250
Selden	Roland	Elliot	Meredith	300
Meredith	Selden	Elliot	Roland	290
Meredith	Selden	Roland	Elliot	250
Meredith	Elliot	Selden	Roland	310
Meredith	Elliot	Roland	Selden	270
Meredith	Roland	Selden	Elliot	210
Meredith	Roland	Elliot	Selden	230
Elliot	Selden	Meredith	Roland	400
Elliot	Selden	Roland	Meredith	360
Elliot	Meredith	Selden	Roland	360
Elliot	Meredith	Roland	Selden	320
Elliot	Roland	Selden	Meredith	320
Elliot	Roland	Meredith	Selden	280
Roland	Selden	Meredith	Elliot	210
Roland	Selden	Elliot	Meredith	260
Roland	Meredith	Selden	Elliot	170
Roland	Meredith	Elliot	Selden	190
Roland	Elliot	Selden	Meredith	280
Roland	Elliot	Meredith	Selden	240

←—largest

Ranking results

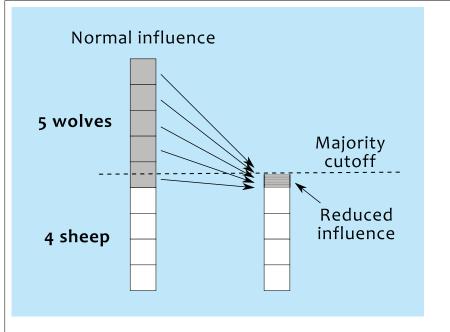
1: Elliot **← Most popular**

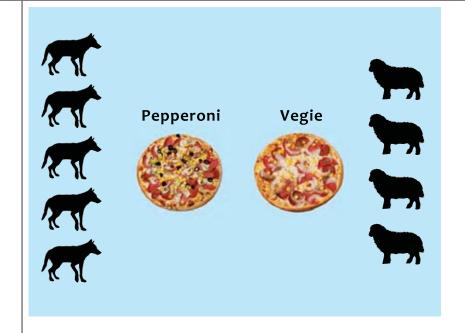
2: Seldon ← Second-most popular

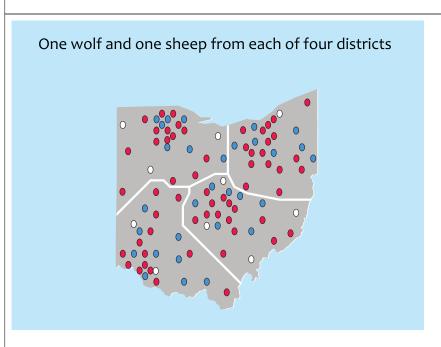
3: Meridith ← Third-most popular

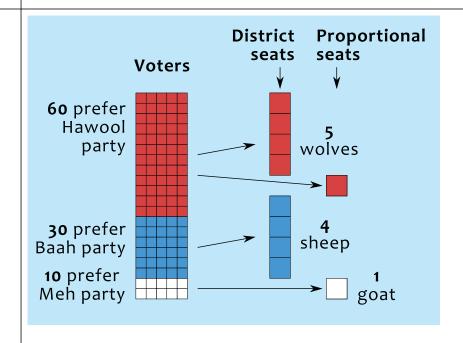
4: Roland ← Least popular

Sequence with		——— Sequence →				
ilighest score	B	C	E	F	A	D
B preferred over		56	65	74	79	84
C preferred over	37		60	70	75	76
E preferred over	29	35		64	66	72
F preferred over	19	23	30		55	62
A preferred over	14	18	28	37		50
D preferred over	9	17	21	30	41	
	highest score B preferred over C preferred over E preferred over F preferred over A preferred over	highest score B B preferred over 37 C preferred over 29 F preferred over 19 A preferred over 14	highest score B C B preferred over 56 C preferred over 37 E preferred over 29 35 F preferred over 19 23 A preferred over 14 18	highest score B C E B preferred over 56 65 C preferred over 37 60 E preferred over 29 35 F preferred over 19 23 30 A preferred over 14 18 28	highest score B C E F B preferred over 56 65 74 C preferred over 37 60 70 E preferred over 29 35 64 F preferred over 19 23 30 A preferred over 14 18 28 37	highest score B C E F A B preferred over 56 65 74 79 C preferred over 37 60 70 75 E preferred over 29 35 64 66 F preferred over 19 23 30 55 A preferred over 14 18 28 37







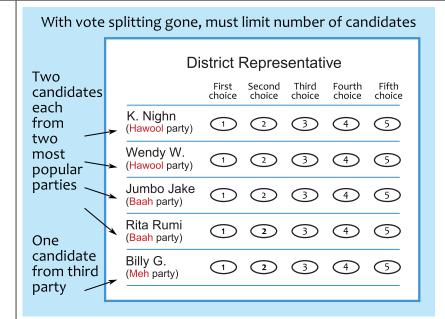


VoteFair party ranking

Most popular ← Most popular according to VoteFair popularity ranking

Second-most Second-most representative according to VoteFair representation ranking

Third-most popular party voters who do not rank most popular or second-most popular at the top of their party preferences



VoteFair ranking

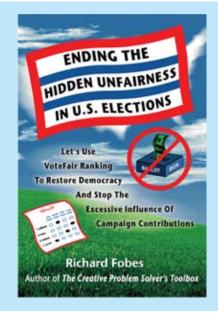
VoteFair popularity ranking
Overcomes vote splitting, and much more

VoteFair representation ranking Identifies second-most representative choice

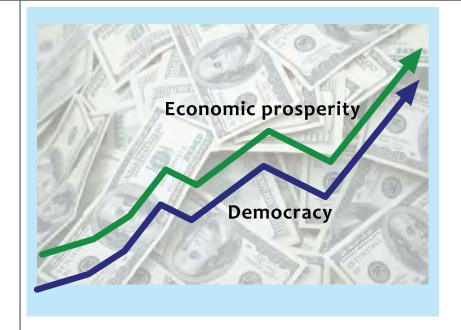
VoteFair partial-proportional ranking Overcomes district-boundary manipulation

VoteFair party ranking

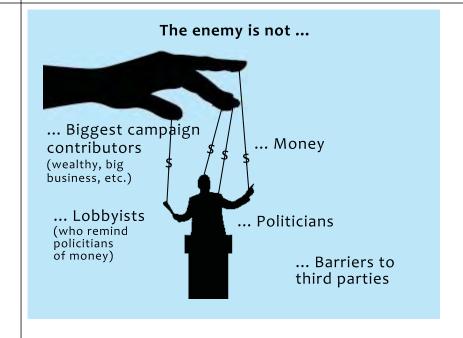
Avoids distraction of candidates who cannot win











The solution is not ...

... Public financing of campaigns

(because it would waste tax money fighting the biggest campaign contributors) ... Third parties (until we have first reclaimed the two we already have)

... Term limits

(because they also kick out competent leaders whose hands are tied)

... More disclosure of campaign contributions (because we already know who controls politicians)

... Rules agains lobbying (because lobbyists become powerless when the puppet strings are cut)

VoteFair Ranking

PAIRWISE COUNTING

1-2-3 BALLOTS

MATH SOFTWARE COMPUTERS

From the
Declaration of
Election-Method
Reform Advocates

... we urge you to help educate yourself, your friends, and your representatives about the advantages of better voting methods ...

VoteFair ranking info at www.VoteFair.org

The
Declaration of
Election-Method
Reform Advocates
is at
www.BanSingleMarkBallots.org