

2 leftover important systems

Sounds silly : Random Dictator

Everybody votes, one vote is selected at random, that ballot determines the winner.

less crazy than it seems.

If $X\%$ of people have some opinion,
then this opinion wins $X\%$ of the time.

Works great for repeated low-stakes decisions.

↑
lets the probabilities even out.

Defeats "the tyranny of the majority"

if 51% of the voters agree on something
they can get their way 100% of the time.

Approval Voting

Voters don't rank their choices, but just choose which options they approve of.

A ballot looks like:

A
B
C
D

Add up all the approvals,
most wins.

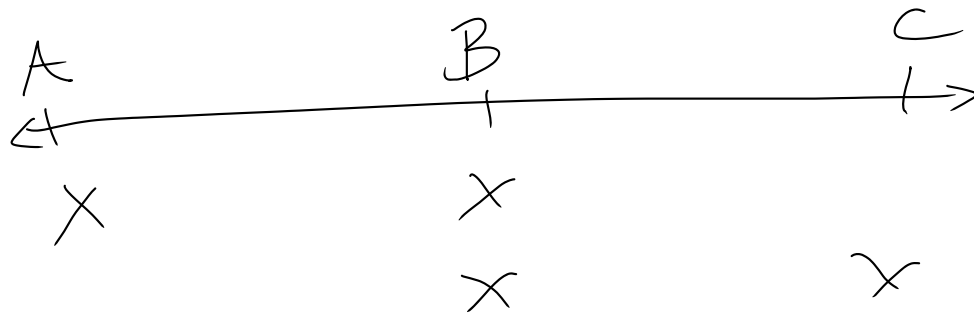
	23	37	4	17	21	3	5	7
<u>Ex</u>								
A	x	x		x		x		
B	x				x	x		x
C			x	x		x		
D		x			x	x		

Totals:
A: $23 + 37 + 17 + 3 = 80$
B: $23 + 21 + 3 + 7 = 54$
C: $4 + 17 + 3 = 24$
D: $37 + 21 + 3 = 61$

A wins!

Approving everybody is equivalent to approving nobody.

Tends to elect middle-ground candidates.



Used by FU faculty.

Weighted Voting

Usually a small # of voters,
each has a different weight.

↑
how much their vote counts.

Like in corporate board votes,
your # of votes depends on your ownership stake.

Also electoral college, think of the states as 50 individual voters with different weights.

CA : 55 votes

TX : 38 votes

FL : 29 votes

NY : 29 votes

⋮

DE : 3 votes

When someone wins in a state, they win all of that state's electoral votes. (except ME & NE)

Focus just on yes/no votes.

Each voter has a weight

There is a quota ← how many votes you need to win.

(not always 50%)

