Hivemind Prediction Markets for Bitcoin

"Ending the Age of Bullshit"

First Half Of Slides Presented to MIT Bitcoin Club

on

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Who / Why

- Degrees (BA, MS-M, MBA) from CWRU in economics, psychology, statistics and finance.
- Researcher at Yale Economics Dept for 2 years.
- Consulting experience Finance role.
- Lifelong interest in human biases and prediction markets.





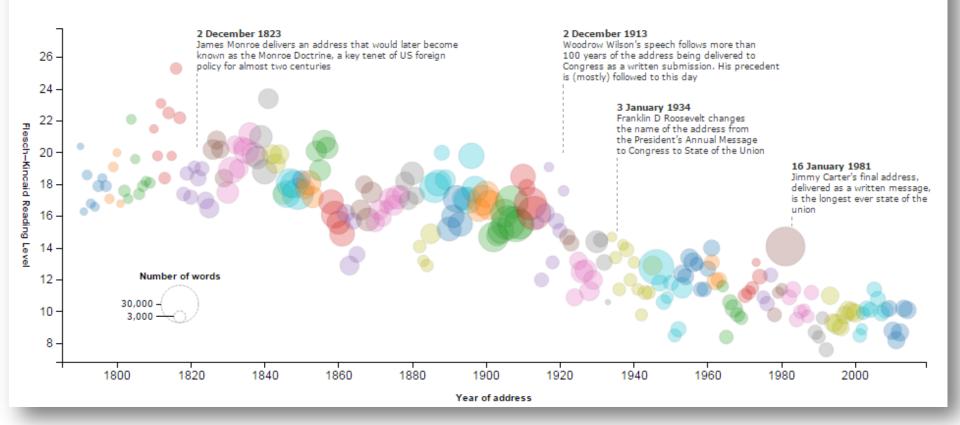


- I used to believe in learning and sharing knowledge through discussion. Now I think that's a waste of time.
- In fact, I feel it is immoral:
 - Talk is cheap (and you get what you pay for).
 - Encourages trust in experts/authority
 - Better to trust one's own experience, or, even better one's own skepticism (cautious people do "OK").

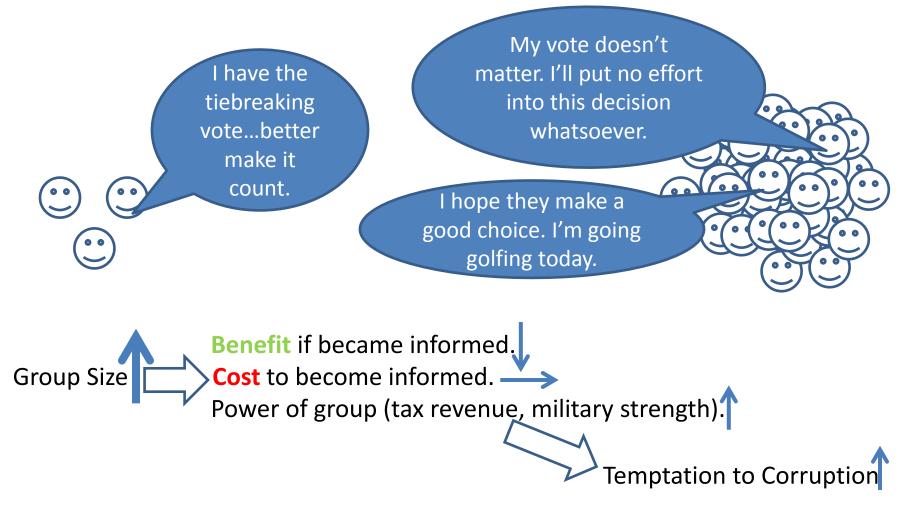
Our Age: The Age of Bullshit

The state of our union is ... dumber: How the linguistic standard of the presidential address has declined

Using the Flesch-Kincaid readability test the Guardian has tracked the reading level of every State of the Union



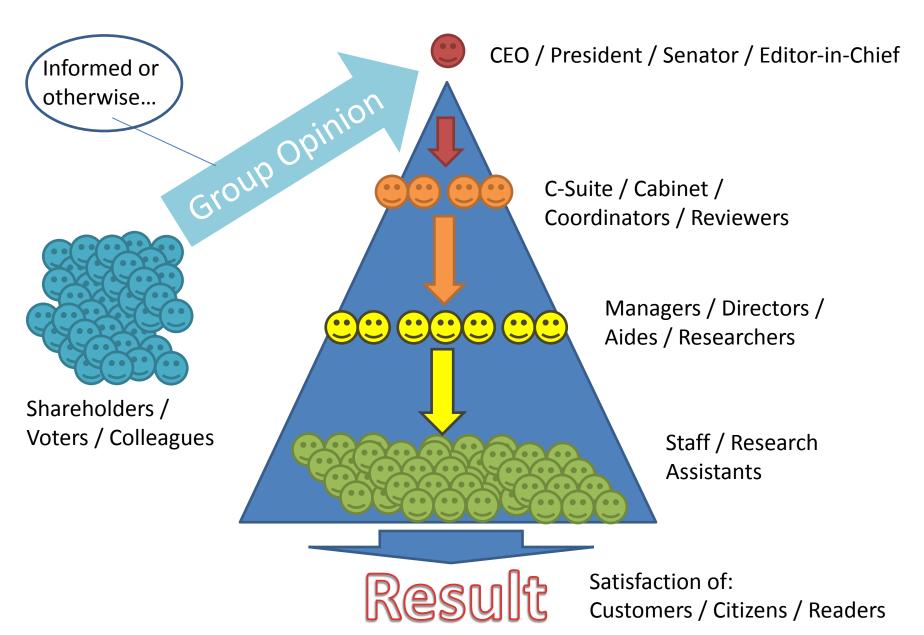
Why so bad? Scale. Ex: Voting



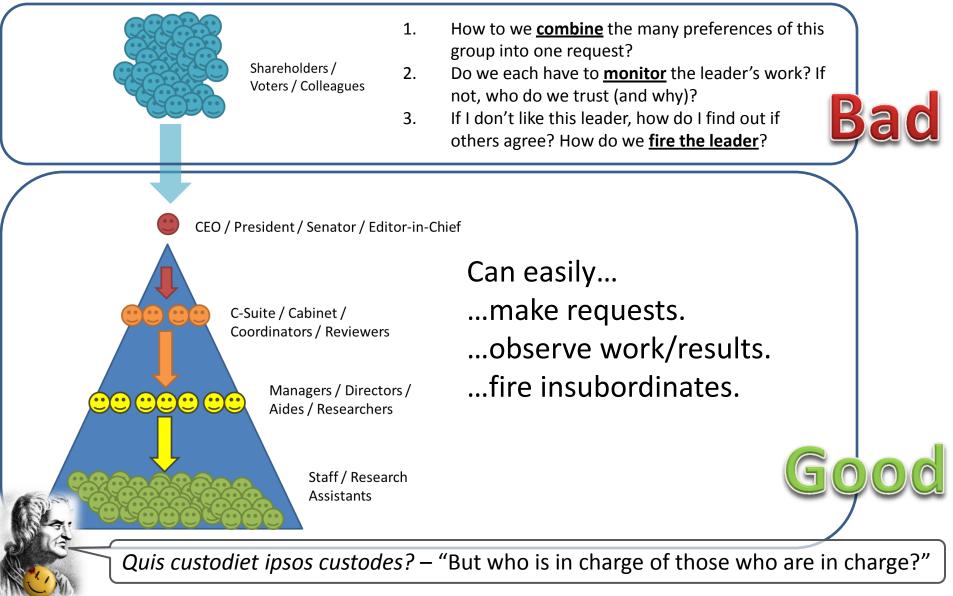
1. We are **choking on information**: too much on each plate, no reason to chew.

2. Too many **info-sources**, not enough **info-aggregation**.

Rot From Above: Who controls what?



Ownership and Control: The Weakest Link



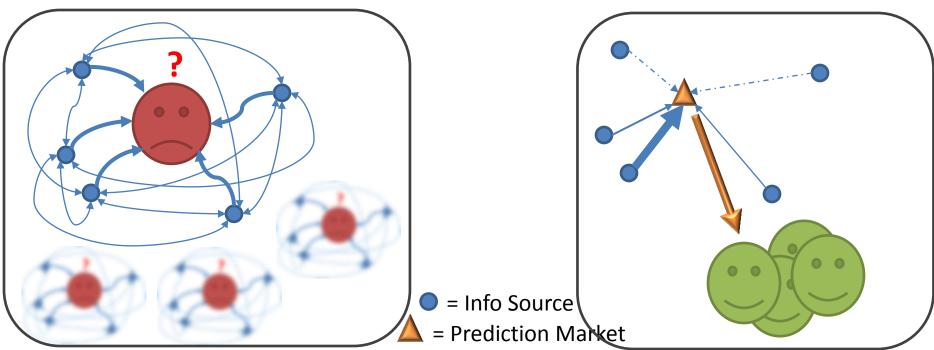
Truthcoin enables **Prediction Markets** to Aggregate Info

• For the Public: Reliable and Common Information

It's broadcast to everyone (and everyone knows that everyone got it).

For example: no more bullshit about climate change (either way).

It's right.



1. PMs: 'stock market' for a special kind of derivative. Below: event derivative (InTrade.com) on 2012 global warming

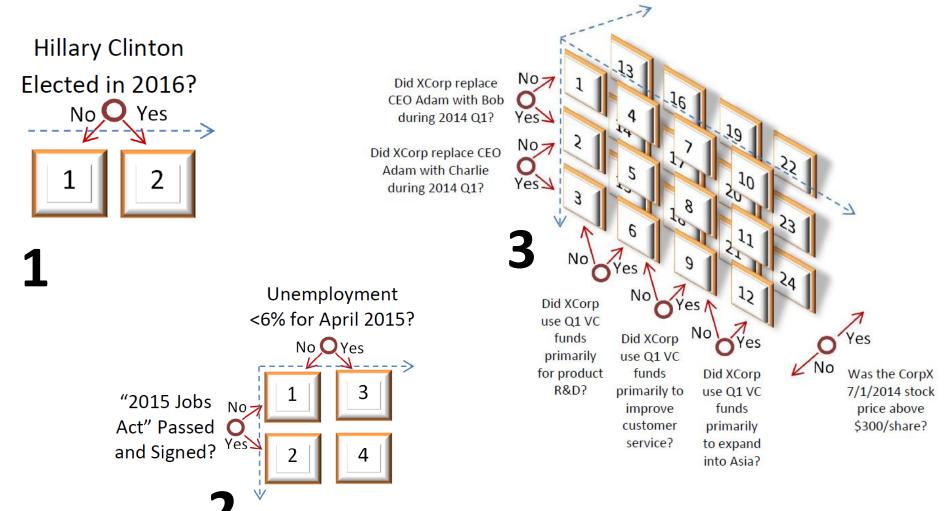


Ran from Jan 2011 to End of 2012

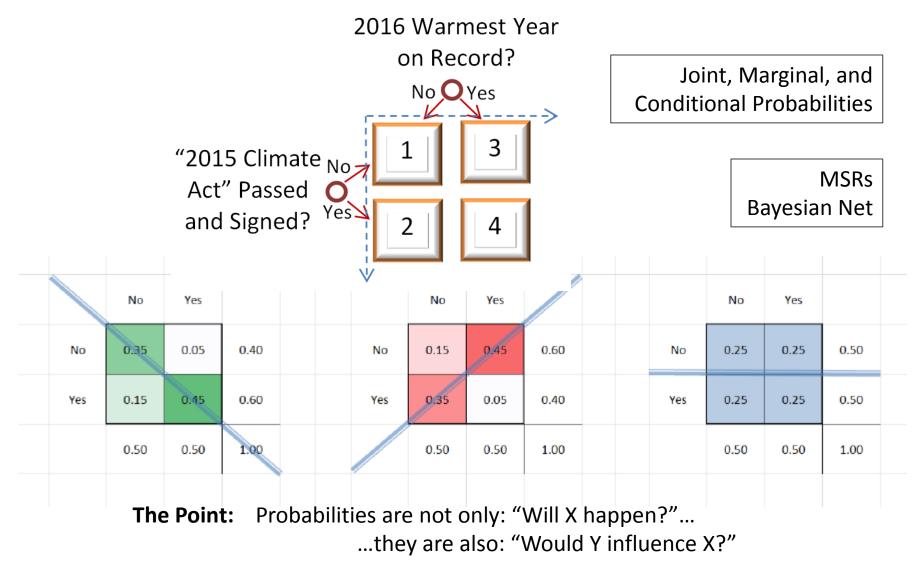
Climate Change: PM vs Talk

- Talk: Why even bother becoming informed?
 - Hard to learn this stuff (and I only have so much time)
 - How am I supposed to convince others?
 - Why résumés *must* be short (info-processing costs).
 - Minimal-info strategies (join a tribe/"political party").
- PM forces a clear definition.
- Prices are constantly and unanimously acceptable. <u>At all times, everyone</u> agrees with the price (if not, they can profitably trade).
- Note: Suppose climate change were false. The "reliability" and "broadcast" problems are much worse.

Prediction Market Magic: More Than One Dimension



More Dimensions: More Forecasts, AND More **Relationships**



Multidimensional Governance

- Applications
 - "Which CEO would most increase our stock price?"
 - "Which President would most decrease unemployment?"
 - "Which FED Policy would most increase GDP?"
 - "Which law would most decrease violent crime?"
 - So much more:
 - Betting "in" USD / DJIA / etc.
 - Provision of Public Goods (without taxes)

