

**From:** David Grosf <[REDACTED]>  
**To:** jeffrey epstein <jeevacation@gmail.com>  
**Subject:** Re: Your Special Day  
**Date:** Fri, 20 Jan 2017 13:19:56 +0000

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I am not a physicist but this smells like a hidden variable fix to a physical situation w otherwise ineradicable stochasticity, like QM. Coin flips are 50-50 in practice for balanced coins because of the about-uniform distribution of some initial conditions, and the stability in only two states on a flat floor. I don't get how that could be interesting to reconceptualize. But regression to the mean has an illusory force-like quality for reasons that the wikipedia article explicates for Galton's quincunx.

I Gotta sleep now, birthday boy.

D.

Please forgive typos. Sent from Android Nexus 6 phone.

On Jan 20, 2017 5:04 AM, "jeffrey E." <jeevacation@gmail.com> wrote:  
god - so he does play , just not with fair dice

On Fri, Jan 20, 2017 at 7:44 AM, David Grosf <[REDACTED]> wrote:

Is there something for central tendency that is like an inertial reference frame, from which a different abstract understanding of probability develops, one that's better for showing the kloodgey, apparent force nature to which you point?

Please forgive typos. Sent from Android Nexus 6 phone.

On Jan 20, 2017 4:32 AM, "jeffrey E." <jeevacation@gmail.com> wrote:

yes , now assume that there i a balancing force. and gravity is merely the result of paticles being pushed together . etc

On Fri, Jan 20, 2017 at 7:26 AM, David Grosf <[REDACTED]> wrote:  
[REDACTED] can't resist!

Please forgive typos. Sent from Android Nexus 6 phone.

On Jan 20, 2017 4:14 AM, "jeffrey E." <jeevacation@gmail.com> wrote:

probability and statistics gets its strength from the law of large numbers . centrifigal force is a pseudo force but not distinguishable in the right frame. . like gravity. lets assume that there is a force pushing heads and tails towards a 50 50 distribution. . not merely recording it. regression to the mean. etc. would . could be a force similar to the EM one.

On Fri, Jan 20, 2017 at 7:11 AM, David Grosf <[REDACTED]> wrote:  
Cool. And the former question, of clarification?

Please forgive typos. Sent from Android Nexus 6 phone.

On Jan 20, 2017 4:10 AM, "jeffrey E." <jeevacation@gmail.com> wrote:  
pretty well

On Fri, Jan 20, 2017 at 7:02 AM, David Grosf <[REDACTED]> wrote:  
Probability as a force rather than a what?  
Didn't suss out the next word...

Watson's pretty wild and fun, if overconfident about some ideas about autism when I saw him talk ~4 years ago on book tour @Google. I met him once through Gunther Stent, as well as Crick on another occasion. Know him well?

D.

Please forgive typos. Sent from Android Nexus 6 phone.

On Jan 20, 2017 2:47 AM, "jeffrey E." <[jeevacation@gmail.com](mailto:jeevacation@gmail.com)> wrote:

1. is probability a force rather than a marker. if you look at a bell curve from scratch, it looks as if it under a force pushing things towards the center. i think gravity might be just that . 2. all signals in nature need to be envyrypted so that the enemy cannot read. this includes inner signals that if you are aware of , can give you up to your predator. so signals from the nose , my conjecture is that each person has its own enxruption de encryption algorithm built in. fyi having dinnner with Jin Watson.

On Fri, Jan 20, 2017 at 1:28 AM, David Grosf <[REDACTED]> wrote:

At 10:13 PM 01/19/17, you wrote:

all good.Â Â thx.Â Â areas of interest,Â Â Â Â distributionsÂ in nature. .Â Â Â Â 2  
deception.Â 3.Â sleep . 4.Â power. 5 money.Â 6 music and the brain. 7 , signal  
intelligece in the biological systems

Excellent alignment with some of my interests or those of people I like and think are smart!  
The rest of the truncated message has been sent.

1. What's been stimulating as a source of good questions for the "distributions in nature" issue?

7. "Signal intelligence in biol. systems" seems to cover all of neurophysiology: Jonathan Victor, whom you met a few years ago in your office, is powerfully thoughtful on the issues of neural coding. Are there specific examples that have stimulated you to better questions or turned your thinking around?

6. Are you aware of apps that purport to play music to enhance productivity and focus on tasks at hand? My buddy Reese Jones has backed that; he has a fascinating set of beliefs and projects around what may soon be understood as "consciousness hacking." He's on the board of Singularity University as one of the founders. (His father was a pioneer UCSF MD researcher of hallucinogens, I believe!)

More to come in a day or so.

Thanks!

You're up late or you're not so east of my SF location!

David

PS How to trade the Trump-GOP demolition of the welfare state, erratic elevation of risks of trade disruptions and war? Has anyone from the rational center or left given thought to how to respond to a national emergency to cope with a kakistocratic seizure of emergency powers? The Patriot Act was on a 'shelf' as you know, ready to be used. What should the better folks in this country have at hand if, say, a port is subject to a radiological attack of unknown origin?

On Fri, Jan 20, 2017 at 1:07 AM, David Grosf <[REDACTED]> wrote:

Dear Jeffrey,

Â Congratulations on another spin around the sun.

Â I would like to offer you a birthday present: my best efforts for a few hours on something where I might be able to contribute either to making something good happen for you or help you prevent the bad.

We haven't talked much at all for quite some time, so I'm not sure of the nature of your current interests but here are some of mine, where I feel I either have some special capability or can get access to those who have such.

\* open science -- open access publishing, data publishing, and open culture institutions considered as a network with largely consistent and mutually reinforcing values: Public Library of Science (PLOS), Wikipedia, Internet Archive, Electronic Frontier Foundation, and Creative Commons, along with allied US, UK, European governmental and NGO funding sources and other institutions.

\* early-stage life science-based ventures, especially those with one or more of these technologies: optics, wearable-sensors, brain-computer interface, behavioral engineering that goes beyond robo-noodging. I am not up to speed on synthetic bio and CRISPR, but I have a good friend who is.

\* cybersecurity for you and your life. I have carefully monitored the web for articles about you and I have reason to think that those will persist indefinitely. I would be remiss as your friend if I did not encourage you to be as diligent and smart as possible in using tools like Signal, two-factor/multi-factor authentication, taking webmail archives off the web onto your own secure privately maintained archive or deleted (unlike Podesta), and other measures.

\* publicity for your cool-ass creative and important philanthropy in support of really good and adventuresome, high-risk basic science research. Most obvious benefit: it would be nice to know you hung out with the bright

David Grosf  
[REDACTED]

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David Grosf  
[REDACTED]

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