

Innovation slowed to match the speed of regulation, or bring regulation up to the speed of AI innovation?



Joanna J Bryson @j2bryson · 1h

Now we know why Altman was calling Brussels pretending he hoped he cared about the #AIAct. Microsoft are playing "good cop", Google are being evil.

These agencies both have the resources and talent to do better.

[#digitalGovernance](#) [#AIEthics](#)



Martin Tomes @tomesmar · 8h

Replying to @kc_arbor_ and @j2bryson

Btw Google Bard has been launched everywhere. except the EU. Almost the whole Africa is covered. Why not EU? Because EU is regulation hell.



1



5



805





Analysis Technology

What is the future of AI? Google and the EU have very different ideas

While Google and other tech giants are rolling out new AI products at speed, the European Union is working on a law to restrict them

By [Chris Stokel-Walker](#)

📅 12 May 2023

Innovation slowed to conform with the law, or law accelerated to match AI innovation?

these companies ignoring copyright issues is a power move," says [Carissa Véliz](#) at the University of Oxford. "They are betting that their products are so seductive that governments will have to adapt to them, as opposed to these companies adapting their products to the rule of law."

ACCELERATION AI ETHICS AND THE DEBATE BETWEEN OPENAI'S DALL-E AND STABILITY AI'S DIFFUSION

James Brusseau

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& Information Engineering and Computer Science, University of Trento, Italy

Abstract

The contrast between Dall-E and Stable Diffusion asks whether AI will slow for humanist ethics, or human ethics will accelerate for AI. If the answer is acceleration, five elements increase ethical velocity.

Outline

1. Introduction: Slow AI to conventional human speed or accelerate humanism to AI speed?
2. Case: Dall-E and Stability
3. Describe five elements of acceleration
4. Practical argument for acceleration AI ethics

CASE: DALL-E *VERSUS* STABILITY

“Stability AI’s Diffusion model is available for anyone to use without hard restrictions. This means Diffusion can create images that OpenAI’s DALL-E currently blocks, including propaganda, violent imagery, pornography, copyright violations, and disinformation and misinformation.... I urge using established powers to control the release of unsafe AI models.”

Anna Eshoo, U.S. House of Representatives,
California's 16th Congressional District



CASE: DALL-E AND STABILITY EXPERIMENT

Submit the text demanding safety's privileging over innovation to the two generators:

Text of safety and innovation filtered by safety and innovation



CASE: DALL-E AND STABILITY

Project of this essay: Conceive the Stability response on ethical grounds

*The conception is also a definition of acceleration AI ethics

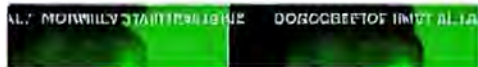
5 elements:

- 1) Uncertainty is encouraging
- 2) Innovation is intrinsically valuable
- 3) Innovation problems solved by more, faster innovation
- 4) AI regulations decentralized
- 5) Ethics embedded in AI development

ELEMENTS OF ACCELERATION / UNCERTAINTY IS ENCOURAGING

It looks like this request may not follow our content policy.

Inputted text rejected, not because of a demonstrable harm done, instead because of what graphic version *might* do.



Instead of unknown as daunting because not enough certainty, is provocative because so much uncertainty: **Uncertainty itself as attractive.**

- Intrinsic, not uncertainty as promising unknown practical benefits...

Not knowing what graphics will be produced *is* ethical justification for bypassing restrictions and converting into pixels.

(Connection to (digital) nomadism.)

ELEMENTS OF ACCELERATION / INNOVATION IS INTRINSICALLY VALUABLE

It looks like this request may not follow our content policy.

Value of any particular innovation = subsequent benefit or harm in society

- Innovation valuable only *after* social evaluation.
- ("Just because we can build an AI tool does not mean we should.")



Innovation intrinsically **valuable = before considering downstream effects in society.**

- In limited way, AI creativity resembles art

Conventionally, AI designers burdened to show why projects should not be restricted. Now, burden shifts to restrictors.

- Not make AI unstoppable, only requires ethical reasons for halting to overcome initial creative value of AI existing.

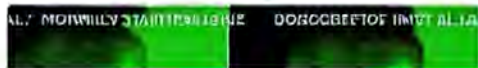
(Connection to *accessibility* of the two platforms.)

ELEMENTS OF ACCELERATION / INNOVATION PROBLEMS SOLVED BY MORE, FASTER INNOVATION

It looks like this request may not follow our content policy.

Response to harmful effects (generative models producing deepfake pornography, racist text) = *limit, pause, stop AI*.

- OpenAI initially limited users to 400, allowing human review of pictures.



The only way out is through: straight on until emerging on the other side.

AI innovation problems solved by AI innovation.

- Diffusion \$200k prize for open-source deepfake detector.
- MIT Madry Lab develops mathematical coating against image deepfakery.
- Wildcat coders...

(Connections to Tesla vehicle with no brakes, bigwave surfing.)

ELEMENTS OF ACCELERATION / AI REGULATIONS DECENTRALIZED

It looks like this request may not follow our content policy.

Regulations come before AI applications released, and narrow group develops guidelines for wider community.

- High-Level Expert Group produces "*Ethics Guidelines for Trustworthy AI.*"



Instead of regulations conditioning AI use, **AI use produces regulations.** And, instead of few deciding for many, the many users decide for each other.

Example

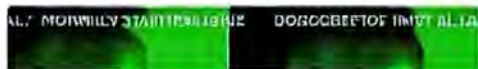
- Female sumo wrestlers and representative fairness versus reinforcement learning with human feedback.

(Connections to swarm intelligence and ethics.)

ELEMENTS OF ACCELERATION / ETHICS EMBEDDED IN AI DEVELOPMENT

It looks like this request may not follow our content policy.

Centralized ethicists issue restrictions from above and outside the technology: more like policing than participation.



Philosophers/ethicists mix with information engineers and domain experts from start to spin language of human values alongside AI modeling.

Ethical skill closer to translation than restriction because primary aim is participants with diverse technical languages collaborating.

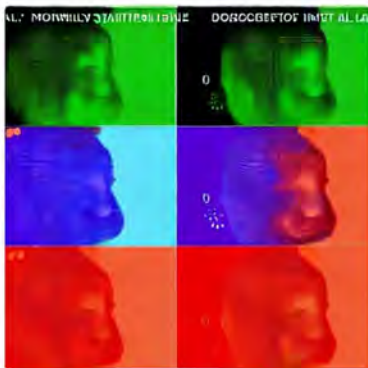
- Formulating AI dilemmas more imperative than resolving.

(Connections to working in 2 directions, German Big Data Lab.)

ELEMENTS OF ACCELERATION / CONCLUSION

5 elements ethically justify Diffusion image generation where Dall-E hesitates

*Justification exemplifies acceleration AI ethics



PRACTICAL ARGUMENT

Practically, the choice is not between conventional and acceleration AI ethics. It is between acceleration and resignation, **human humiliation...**

diginomica



Six month moratorium on AI development? In your dreams

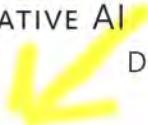
 By [Neil Raden](#) April 5, 2023

SUMMARY:

Did the now-infamous six month AI moratorium letter ever have a chance? Here's a look inside the arguments - and where we go from here.

*APPENDIX: RANGE OF RESPONSES TO GENERATIVE AI

Debate in this essay



"DESTROY DATACENTERS BY AIRSTRIKE."	SLOW AI (UNITED STATES) PRECAUTION (EUROPE)	ACCELERATION AI ETHICS	"MOVE FAST & BREAK THINGS" POSTHUMANISM
Stop AI	Slow AI innovation to human speeds	Accelerate humanism to AI innovation speeds	Surrender humanism and humans to AI innovations
Humanism privileged over machines	Humanism privileged over machines	Humanism privileged over machines	Machines privileged over humanism
Safety as default setting against value of technical innovation	Safety as default setting against value of technical innovation	Innovation as intrinsically valuable independently of safety	Innovation as intrinsically valuable independently of safety

*APPENDIX: ELEMENTS OF ACCELERATION

The future of AI will not be decided by ethical decisions but by which ethics does the deciding. For acceleration, distinguishing elements:

- **Uncertainty is encouraging.** The unknown displays potential more than risk, and therefore AI models are developed for the same reason that digital-nomads travel: because we do not know how we will change and be changed.
- **Innovation is intrinsically valuable.** Because it resembles artistic creativity in being worthwhile even before considering social implications, an ethical burden tips: engineers no longer need to justify starting their models, instead, others need to demonstrate reasons for halting.
- **The only way out is through: more, faster.** When ethical problems arise, the response is not to slow AI and veer away, it is straight ahead until emerging on the other side. Accelerating AI solves AI problems.
- **Decentralization.** The overarching ethics of permissions and restrictions governing AI derive from the broad community of users and their uses, instead of representing a select group's preemptory judgments.
- **Embedding.** Ethics works inside AI and with engineers to pose questions about human values, instead of remaining outside and emitting restrictions. Formulating AI dilemmas is more imperative than resolving them.