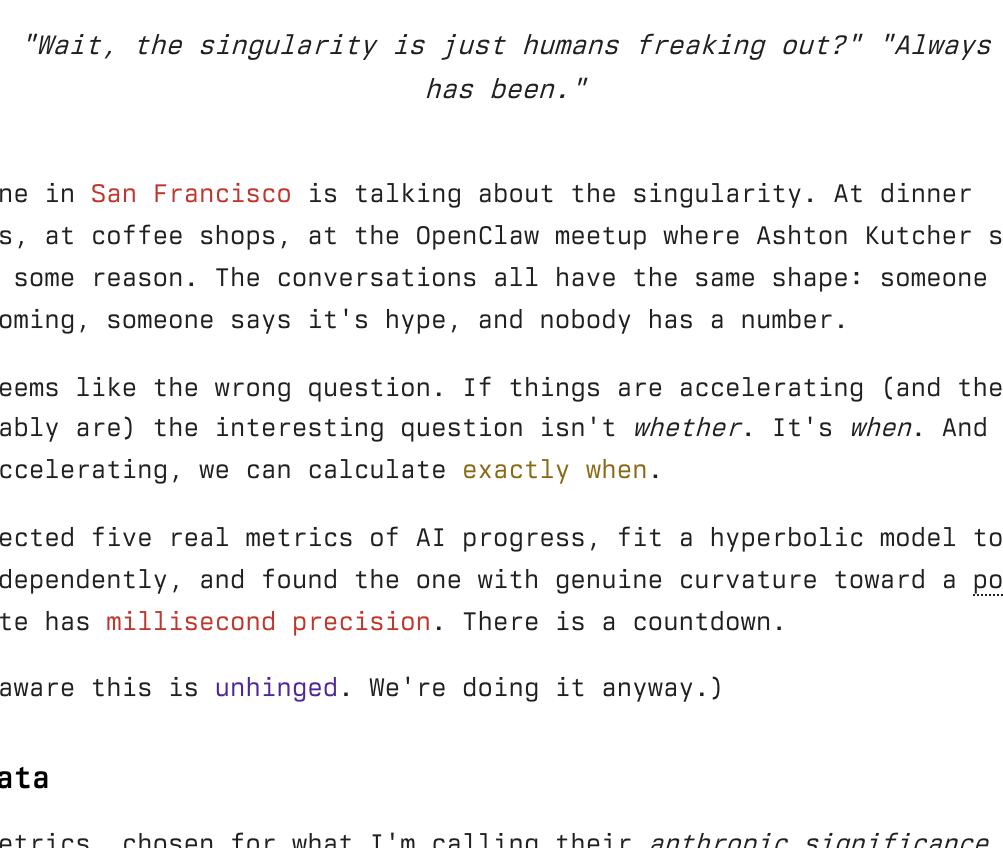


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The Singularity will Occur on a Tuesday

February 10, 2026



"Wait, the singularity is just humans freaking out?" "Always has been."

Everyone in **San Francisco** is talking about the singularity. At dinner parties, at coffee shops, at the OpenClaw meetup where Ashton Kutcher showed up for some reason. The conversations all have the same shape: someone says it's coming, someone says it's hype, and nobody has a number.

This seems like the wrong question. If things are accelerating (and they measurably are) the interesting question isn't *whether*. It's *when*. And if it's accelerating, we can calculate exactly when.

I collected five real metrics of AI progress, fit a hyperbolic model to each one independently, and found the one with genuine curvature toward a pole. The date has millisecond precision. There is a countdown.

(I am aware this is unhinged. We're doing it anyway.)

The Data

Five metrics, chosen for what I'm calling their *anthropic significance* (anthropic here in the Greek sense ("pertaining to humans"), not the company, though they appear in the dataset with suspicious frequency):

- MMLU scores**: the SAT for language models
- Tokens per dollar**: cost collapse of intelligence (log-transformed, because the Gemini Flash outlier spans 150x the range otherwise)
- Frontier release intervals**: shrinking gap between "holy shit" moments
- arXiv "emergent" papers** (trailing 12mo): field excitement, measured memetically
- Copilot code share**: fraction of code written by AI

MMLU BENCHMARK SCORES (% CORRECT)

GPT-3	Jun 2020	43.9
Chinchilla	Mar 2022	67.5
GPT-4	Mar 2023	86.4
Gemini Ultra	Dec 2023	83.7
Claude 3 Opus	Mar 2024	86.8
Claude 3.5 Sonnet	Jun 2024	88.7
o1	Sep 2024	90.8
DeepSeek-R1	Jan 2025	90.8
GPT-4.5	Feb 2025	89.6
GPT-4.1	Apr 2025	90.2
Claude Opus 4	May 2025	88.8
Claude Opus 4.5	Nov 2025	90.8

OUTPUT TOKENS PER DOLLAR (TOKENS/\$)

GPT-3 (davinci)	Jun 2020	16,667
GPT-3.5 Turbo	Mar 2023	500,000
GPT-4	Mar 2023	16,667
GPT-4 Turbo	Nov 2023	33,333
GPT-4o	May 2024	66,667
Claude 3.5 Sonnet	Jun 2024	66,667
Gemini 2.0 Flash	Dec 2024	2,500,000
DeepSeek-R1	Jan 2025	456,621
GPT-4.5	Feb 2025	6,667
Gemini 2.5 Pro	Mar 2025	100,000
GPT-4.1	Apr 2025	125,000
Claude Sonnet 4	May 2025	66,667
Claude Opus 4.5	Nov 2025	40,000
Claude Opus 4.6	Feb 2026	40,000

FRONTIER RELEASE INTERVALS (DAYS)

GPT-3 → ChatGPT	Nov 2022	902
ChatGPT → GPT-4	Mar 2023	104
GPT-4 → Claude 2	Jul 2023	119
→ Claude 3 Opus	Mar 2024	89
→ o1	Sep 2024	84
→ Gemini 2.0	Dec 2024	90
→ DeepSeek-R1	Jan 2025	40
→ GPT-4.5	Feb 2025	38
→ Gemini 2.5 Pro	Mar 2025	26
→ GPT-4.1	Apr 2025	20
→ Claude Sonnet 4	May 2025	38
→ Claude Opus 4.5	Nov 2025	186
→ Claude Opus 4.6	Feb 2026	73

Each metric normalized to [0,1]. Release intervals inverted (shorter = better). Tokens per dollar log-transformed before normalizing (the raw values span five orders of magnitude; without the log, Gemini Flash at 2.5M tokens/\$ dominates the fit and everything else is noise). Each series keeps its own scale, no merging into a single ensemble.

Why Hyperbolic

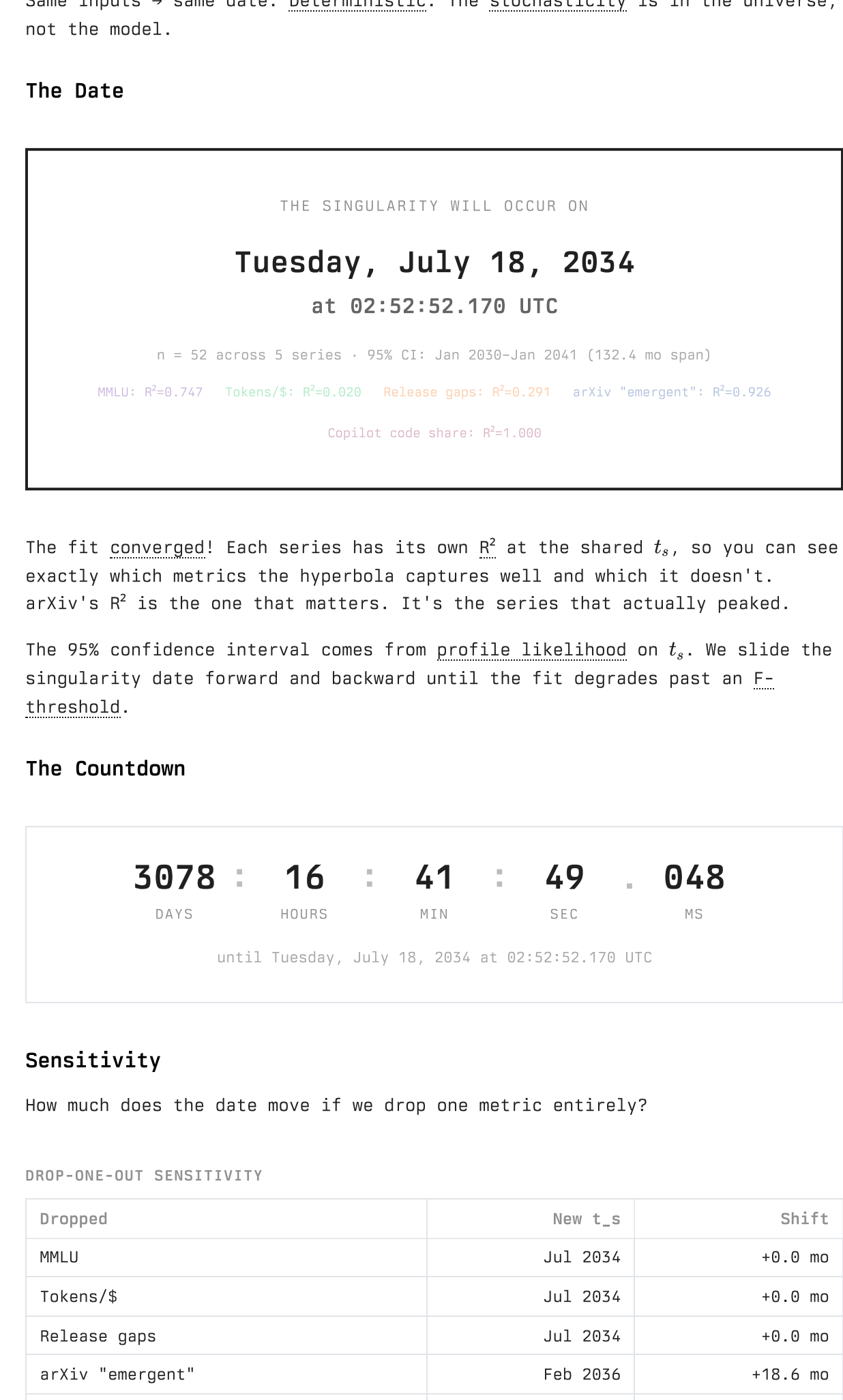
Most people extrapolate AI with exponentials. Wrong move!

An exponential $f(t) = ae^{kt}$ approaches infinity only as $t \rightarrow \infty$. You'd be waiting forever. Literally.

We need a function that hits infinity at a *finite* time. That's the whole point of a singularity: a pole, a vertical asymptote, the math breaking:

$$x(t) = \frac{k}{t_s - t} + c$$

As $t \rightarrow t_s^-$, the denominator goes to zero. $x(t) \rightarrow \infty$. Not a bug. *The feature*.



52 data points across 5 metrics, fit to $x_j(t) = k_j / (t_s - t) + c_j$

Polynomial growth (t^n) never reaches infinity at finite time. You could wait until heat death and t^n would still be finite. Polynomials are for people who think AGI is "decades away."

Exponential growth reaches infinity at $t = \infty$. Technically a singularity, but an infinitely patient one. Moore's Law was exponential. We are no longer on Moore's Law.

Hyperbolic growth is what happens when the thing that's growing *accelerates its own growth*. Better AI → better AI research tools → better AI → better tools. Positive feedback with supralinear dynamics. The singularity is real and finite.

The Fit

The procedure is straightforward, which should concern you.

The model fits a separate hyperbola to each metric:

$$y_i^{(j)} = \frac{k_j}{t_i - t_s} + c_j$$

Each series j gets its own scale k_j and offset c_j . The singularity time t_s is shared. MMLU scores and tokens-per-dollar have no business being on the same y-axis, but they can agree on when the pole is.

For each candidate t_s , the per-series fits are linear in k_j and c_j . The question is: which t_s makes the hyperbola fit best?

Here's the thing nobody tells you about fitting singularities: most metrics don't actually have one. If you minimize total RSS across all series, the best t_s is always at infinity. A distant hyperbola degenerates into a line, and lines fit noisy data just fine. The "singularity date" ends up being whatever you set as the search boundary. You're finding the edge of your search grid, not a singularity.

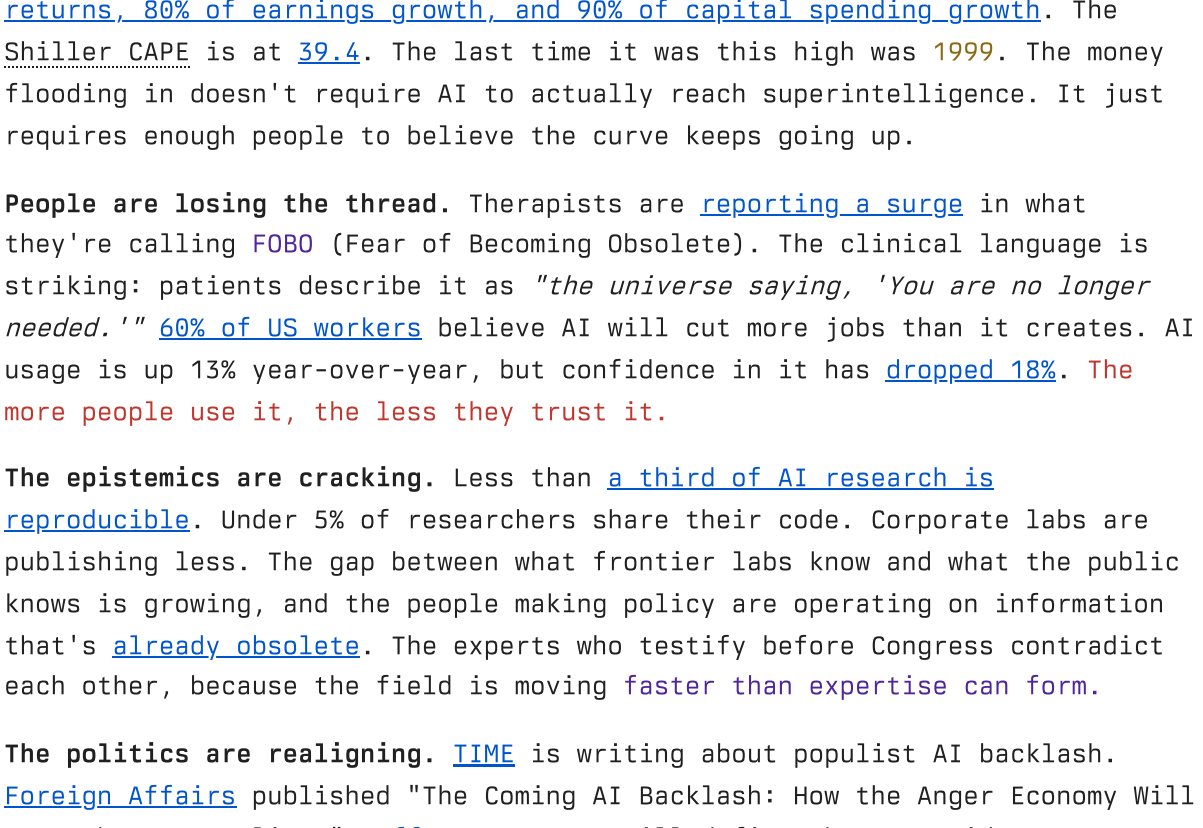
So instead, we look for the real signal. For each series independently, grid search t_s and find the R^2 peak: the date where hyperbolic fits *better* than any nearby alternative. If a series genuinely curves toward a pole, its R^2 will peak at some finite t_s and then decline. If it's really just linear, R^2 will keep increasing as $t_s \rightarrow \infty$ and never peak. No peak, no signal, no vote!

One series peaks! arXiv "emergent" (the count of AI papers about emergence) has a clear, unambiguous R^2 maximum. The other four are monotonically better fit by a line. The singularity date comes from the one metric that's actually going hyperbolic.

This is more honest than forcing five metrics to average out to a date that none of them individually support.

Same inputs → same date. Deterministic. The stochasticity is in the universe, not the model.

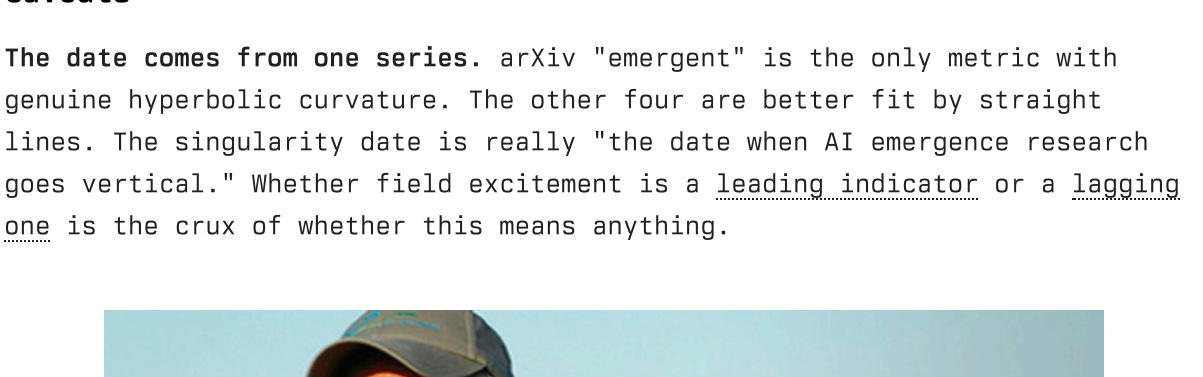
The Date



The fit converged! Each series has its own R^2 at the shared t_s , so you can see exactly which metrics the hyperbola captures well and which it doesn't. arXiv's R^2 is the one that matters. It's the series that actually peaked.

The 95% confidence interval comes from profile likelihood on t_s . We slide the singularity date forward and backward until the fit degrades past an F-threshold.

The Countdown



Sensitivity

How much does the date move if we drop one metric entirely?

DROP-ONE-OUT SENSITIVITY

Dropped	New t_s	Shift
MMLU	Jul 2034	+0.0 mo
Tokens/\$	Jul 2034	+0.0 mo
Release gaps	Jul 2034	+0.0 mo
arXiv "emergent"	Feb 2036	+18.6 mo
Copilot code share	Jul 2034	+0.0 mo

If dropping a single series shifts t_s by years, that series was doing all the work. If the shifts are zero, the dropped series never had a signal in the first place.

The table tells the story plainly: (no series is doing all the work. Drop it and the date jumps to the search boundary (no remaining series has a finite peak). Drop anything else and nothing moves. They were never contributing to the date, only providing context curves at the shared t_s .)

Note: Copilot has exactly 2 data points and 2 parameters (k and c), so it fits any hyperbola perfectly. Zero RSS, zero influence on t_s . It's along for the ride!

What t_s Actually Means

The model says $y \rightarrow \infty$ at t_s . But what does "infinity" mean for arXiv papers about emergence? It doesn't mean infinitely many papers get published on a Tuesday in 2034.

It means the model breaks. t_s is the point where the current trajectory's curvature can no longer be sustained. The system either breaks through into something qualitatively new, or it saturates and the hyperbola was wrong. A phase transition marker, not a physical prediction.

t_s is the moment he looks down.

But here's the part that should unsettle you: the metric that's actually going hyperbolic is human attention, not machine capability.

MMLU, tokens per dollar, release intervals. The actual capability and infrastructure metrics. All linear. No pole. No singularity signal. The only curve pointing at a finite date is the count of papers about emergence. Researchers noticing and naming new behaviors. *Field excitement, measured memetically*.

The data says: machines are improving at a constant rate. Humans are freaking out about it at an accelerating rate that accelerates its own acceleration.

That's a very different singularity than the one people argue about.

The Social Singularity

If t_s marks when the rate of AI surprises exceeds human capacity to process them, the interesting question isn't what happens to the machines. It's what happens to us.

And the uncomfortable answer is: it's already happening.

The labor market isn't adjusting. It's snapping. In 2025, 1.1 million layoffs were announced. Only the sixth time that threshold has been breached since 1993. Over 55,000 explicitly cited AI. But HBR found that companies are cutting based on AI's *potential*, not its performance. The displacement is anticipatory. The curve doesn't need to reach the pole. It just needs to *look like it will*.

Institutions can't keep up. The EU AI Act's high-risk rules have already been delayed to 2027. The US revoked its own 2023 AI executive order in January 2025, then issued a new one in December trying to preempt state laws. California and Colorado are going their own way anyway. The laws being written today regulate 2023's problems. By the time legislation catches up to GPT-4, we're on GPT-7. When governments visibly can't keep up, trust doesn't erode. It collapses. Global trust in AI has dropped to 56%.

Capital is concentrating at dot-com levels. The top 10 S&P 500 stocks (almost all AI-adjacent) hit 40.7% of index weight in 2025, surpassing the dot-com peak. Since ChatGPT launched, AI-related stocks have captured 75% of S&P 500 returns, 80% of earnings growth, and 90% of capital spending growth. The Shiller CAPE is at 39.4. The last time it was this high was 1999. The money flooding in doesn't require AI to actually reach superintelligence. It just requires enough people to believe the curve keeps going up.

People are losing the thread. Therapists are reporting a surge in what they're calling **FOBO** (Fear of Becoming Obsolete). The clinical language is striking: patients describe it as "*the universe saying, 'You are no longer needed.'*" 60% of US workers believe AI will cut more jobs than it creates. AI usage is up 13% year-over-year, but confidence in it has dropped 18%. The more people use it, the less they trust it.

The epistemics are cracking. Less than a third of AI research is reproducible. Under 5% of researchers share their code. Corporate labs are publishing less. The gap between what frontier labs know and what the public knows is growing, and the people making policy are operating on information that's already obsolete. The experts who testify before Congress contradict each other, because the field is moving faster than expertise can form.

The politics are realigning. TIME is writing about populist AI backlash. Foreign Affairs published "The Coming AI Backlash: How the Anger Economy Will Supercharge Populism." HuffPost says AI will define the 2026 midterms. MAGA is splitting over whether AI is pro-business or anti-worker. Sanders proposed a data center moratorium. The old left-right axis is buckling under the weight of a question it wasn't built to answer.

All of this is happening eight years before t_s . The social singularity is front-running the technical one. The institutional and psychological disruption doesn't wait for capabilities to go vertical. It starts as soon as the trajectory becomes legible.

The pole at t_s isn't when machines become superintelligent. It's when humans lose the ability to make coherent collective decisions about machines. The actual capabilities are almost beside the point. The social fabric frays at the seams of attention and institutional response time, not at the frontier of model performance.

Caveats

The date comes from one series. arXiv "emergent" is the only metric with genuine hyperbolic curvature. The other four are better fit by straight lines. The singularity date is really "the date when AI emergence research goes vertical." Whether field excitement is a leading indicator or a lagging one is the crux of whether this means anything.

It ain't much, but it's honest work

The model assumes stationarity. Like assuming the weather will continue to be "changing." The curve will bend, either into a logistic (the hype saturates) or into something the model can't represent (genuine phase transition). t_s marks where the current regime can't continue, not what comes after.

MMLU is hitting its ceiling. Benchmark saturation introduces a leptokurtic compression artifact. MMLU's low R^2 reflects this. The hyperbola is the wrong shape for saturating data.

Tokens per dollar is log-transformed (values span five orders of magnitude) and non-monotonic (GPT-4 cost more than 3.5; Opus 4.5 costs more than DeepSeek-R1). The cost curve isn't smooth: it's Pareto advances interspersed with "we spent more on this one."

Five metrics isn't enough. More series with genuine hyperbolic curvature would make the date less dependent on arXiv alone. A proper study would add SWE-bench, ARC, GPQA, compute purchases, talent salaries. I used five because five fits in a table.

Copilot has two data points. Two parameters, two points, zero degrees of freedom, zero RSS contribution. The sensitivity analysis confirms it doesn't matter.

Conclusion

Real date. Real model. Real date!

The math found one metric curving toward a pole on a specific day at a specific millisecond: the rate at which humans are discovering emergent AI

behaviors. The other four metrics are linear. The machines are improving steadily. **We are the ones accelerating!**

The social consequences of that acceleration (labor displacement, institutional failure, capital concentration, epistemic collapse, political realignment) are not predictions for 2034. They are descriptions of 2026. The singularity in the data is a singularity in human attention, and it is already exerting gravitational force on everything it touches.

I see no reason to let epistemological humility interfere with a **perfectly good timer**.

See you on the other side!

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