# Harvard Round 5 Wiki

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#### The *Amex* decisioncreated a *de facto* “platform exceptionalism” rule that prevents plaintiffs from challenging *any instance* of platform dominance

Hovenkamp, James G. Dinan University Professor, University of Pennsylvania Carey Law School and The Wharton School, ‘21

(Herbert, “Antitrust and Platform Monopoly,” 130 Yale L.J. 1952)

A. Against Platform Exceptionalism

In *Amex*, the Supreme Court disregarded a basic principle about markets, which is that they consist of close substitutes.212 Instead, it lumped production complements into the same market, and in the process, it stymied coherent economic analysis of the problem. To be sure, power in one side of a two-sided market cannot be assessed without determining what is occurring on the other side. But one does not need to group the two sides into the same “market.” Rather, a relevant market should be determined by reference to the side where anticompetitive effects are feared. Then, assessing power requires the fact finder to consider offsetting effects, some of which may occur on the other side.213

Second, the Court ignored an important distinction between fact and law. Disputes about market boundaries involve questions of fact. Nevertheless, the majority wrote—as a matter of law—that two-sided platforms compete exclusively with other two-sided platforms. These dicta have already produced mischief in lower-court decisions. For example, it led one court to conclude that a merger between a two-sided online flight-reservation system and a more traditional system could not be a merger of competitors.214

Third, without argument or evidence, the Court required litigants to show market power indirectly in vertical restraints cases by reference to a relevant market, even though superior techniques are available. Direct measures are particularly useful in digital markets, where the necessary data are easy to obtain and product differentiation makes traditional market definition unreliable.215 This was another breach of the boundary between fact and law.

Fourth, the Court misunderstood the economics of free riding, ignoring the fact that when a firm is able to recover the value of its investments through its own transactions, free riding is not a problem.

Fifth, the Court failed to perform the kind of transaction-specific factual analysis that has become critical to economically responsible antitrust law. Rather, it simply assumed, without examining the actual transactions before it, that losses on one side of a two-sided market are inherently offset by gains on the other side.216 Amex’s antisteering rule produced immediate losses for both the affected cardholder and the affected merchant. The only beneficiary was Amex, the operator of a platform able to shelter itself from competition. That competition, in turn, would have benefitted both cardholders and merchants.

Markets differ from one another.217 This is why we apply mainly antitrust law to some markets, regulation to others, and some mixture of the two to yet others. It is also why antitrust is so fact intensive, particularly on issues pertaining to market power or competitive effects. Indeed, the biggest advantage that antitrust has over legislative regulation is its fact-driven methodology. Antitrust courts do and should avoid speaking categorically about market situations that are not immediately before them and avoid making cursory conclusions based on inadequate facts. Within the antitrust framework, there is no reason to think that digital platforms are unicorns whose rules as a class differ from those governing other firms. Every market has its distinct features, but the ordinary rules of antitrust analysis are adequate to consider them. The *Amex* decision is a cautionary tale about what can happen when a court is so overwhelmed by a market’s idiosyncrasies that it makes grand pronouncements, abandoning well-established rules for analyzing markets in the process.

#### *Amex* set high burdens for Plaintiffs—forcing them to prove harm to users on both sides of the platform

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(John, “Antitrust and Two-Sided Platforms: The Failure of *American Express*,” Cardozo L. Rev. Vol. 41)

In sum, the Court's most fundamental error in *American Express* was its ruling that in a two-sided platform case, the plaintiff must show, in the first step of the rule of reason, that the defendant's conduct caused net harm to customers on both sides of its platform combined. This requirement, unprecedented in the Court's decisions, is not only substantively wrong, it will force plaintiffs in two-sided platform cases to address market power, anticompetitive effects, and justification all at once, at the beginning of their cases. This is inefficient and will result in more false negatives.75 To take advantage of this new framework, moreover, numerous defendants are likely to claim that they operate twosided platforms, further inhibiting antitrust enforcement.76

[Begin fn76]

76 See Hovenkamp, supra note 9, at 48 ("[U]nder the AmEx standard, we can expect an

outpouring of defendants emphatically claiming to be two-sided .... ).

[End fn76]

The Court overlooked all of these problems. 77

#### *Amex*’s platform rule is theoretical nonsense—that spills over to stymie enforcement in numerous sectors

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(Kaj, “Antitrust After American Express: Down a Competitive Effects Rabbit Hole,” September 21, <https://techlawdecoded.com/antitrust-after-american-express-down-the-competitive-effects-rabbit-hole/>)

What does make American Express unique, and the reason it has pushed the trajectory of antitrust even further into a competitive effects abyss, are the implications on the modern tech-based economy of the Supreme Court’s views on the proof that is required in cases involving two-sided markets.

Two-sided platforms are at the core of wide swaths of the online ecosystem, including retail (Amazon’s marketplace), social media (Facebook), online advertising (Google Ads), the internet of things (Apple’s HomePod), search (Microsoft’s Bing), and the gig economy (Uber), to name a few examples. The American Express decision has significantly raised the evidentiary bar for proving up an antitrust case in such markets. It will no longer be enough to show that a platform harmed competition on one side of the market—as difficult and burdensome as that task already is. Now “substantial anticompetitive effects” must be shown across both sides of the market, accounting for all the participants and users of a multi-sided platform in something akin to the “credit card transactions” market proposed in American Express.

But the logic underlying the American Express decision does not stop at multi-sided platforms. It is not difficult to imagine how creative defendants and laissez faire-inclined judges could spin a web of ever-increasing complexity in any case about a sprawling market with interconnections and interrelationships among different users, partners, and participants. This is a natural consequence of falling down the competitive effects rabbit hole. If it is not reined in, the competitive effects machinery tends towards entropy, especially in complex digital markets where a single player can be interacting with various segments of a broader digital ecosystem.

#### Fintech’s disruptive startups have been squashed by large financial institutions – kills competition

Loo 18 – Associate Professor at BU Law [Rory Van; Associate Professor, Boston University School of Law and Affiliated Fellow, Yale Law School Information Society Project; 2018; "Making Innovation More Competitive: The Case of Fintech"; UCLA Law Review; https://heinonline.org/HOL/Page?handle=hein.journals/uclalr65&div=7&g\_sent=1&casa\_token=&collection=journals; accessed 8-18-2021]

Fintechs can be of any size. Four of the ten largest U.S. companies, Google, Apple, Amazon, and Facebook, all have built payment systems and made other inroads into finance.36 Despite the participation of large technology companies, the main drivers of fintech innovation have been the thousands of startups attracting billions of dollars in investment each year. Startup business models are novel, diverse, and shifting. One of the earliest fintech areas was peer-topeer lending, in which companies link individuals who have money to those who want it.37 Most of the original peer-to-peer companies have already grown beyond their origins and now engage in more familiar "marketplace lending."38 They receive money from banks to lend to individuals, and their innovations have spread to other areas, such as sophisticated analytic tools for estimating borrowers' creditworthiness.39

Unlike the other categories of consumer fintechs, advisory fintechs do not need to directly receive any money from consumers to offer their basic product. The goal of Credit Karma, NerdWallet, Mint, and other advisory fintechs is to help people make all of their financial decisions through a single app.4" These companies learn about users-with permission-by accessing personal bank accounts, credit scores, credit card records, tax returns, and other similar sources of financial information. Users then receive recommendations about credit cards or mortgages with lower fees, savings accounts that pay higher rates, and other products that better meet their needs.41

While the term "fintech" is used here to exclude traditional banks, all major financial institutions have become highly technological. The leading banks are each purchasing fintech startups, forming strategic partnerships, or internally building whiz teams to design new products.42 JP Morgan Chase's Intelligent Solutions Group has over 200 analysts and data scientists and produced about fifty technologies in 2015 alone.43 Goldman Sachs, which has more engineers than Facebook or Twitter, is launching an online lender.44 In light of Wall Street's increasing launch of digital products and adoption of artificial intelligence,45 regulating fintech amounts to regulating the future of finance.

B. Private Sector Institutional Dynamics

Fintechs could in theory pose a threat to traditional banks. Almost threequarters of millennials say they would prefer to receive their financial services from technology companies such as Google and Amazon, rather than big banks.46 Convenience, trust, and price all could play important roles in driving customer switching. Individual users, including small businesses, increasingly find dealing with big banks to be time-consuming and frustrating compared to the ease of tailored startup apps.47 In recent years, consumers have grown distrustful of large financial institutions, whose reputations have been battered by subprime mortgage lending, the financial crisis, the LIBOR scandal, and Wells Fargo opening millions of fake accounts in customers' names. 48

Innovation helps explain why publicly traded companies are disappearing at a faster rate today than ever before-six times as fast as forty years ago.49 Online startups have even thrived in other heavily regulated industries, such as transportation and gambling." Convenience and lower costs have driven some of this success, and many fintechs offer similar advantages.51 Furthermore, unlike some industries that Silicon Valley has invaded, finance lacks a meaningful physical component. This makes the base products inherently vulnerable to digital competition. Traditional banks' infrastructures-including their legacy information systems and physical branches-inhibit their ability to rapidly respond to disruption.

Since Dimon's 2015 warning, however, the dynamics between fintech and traditional firms appear to have shifted. Entrepreneurs who started out wanting to do to banks what Amazon did to retail have wound up licensing their technology to banks.52 As one industry observer puts it: "What was once perhaps an adversarial relationship has warmed .... Many no longer see an existential threat in fintech. Instead, they believe that "[i]t is most likely that the small fintech companies will be subsumed" by large financial institutions. 4

Ii. The Competition Shortcomings

A given fintech's decision of whether to challenge or join banks will depend in part on whether regulations and market dynamics give it a real chance to compete. Competition is extremely difficult to measure, and economic models inadequately consider important factors, such as innovation.5 To assess the hypothesis that a lack of competition inhibits fintech, this Part surveys the evidence related to entry barriers, customer switching, anticompetitive prices, and the relative pace of U.S. innovation.

A. Entry Barriers

When firms face excessive barriers to entering a market, competition can stagnate, raising prices and lowering innovation. 6 Although part of the problem is simply the large amount of regulation, 7 fintech has faced two further entry barriers: traditional firms' ability to block market access and the difficulty in obtaining a federal bank license.

Legacy financial institutions can limit some fintechs' operations through control of data. Most notably, advisory fintechs rely on access to both personal and general product data. 8 Some banks' response has been to block or limit fintechs' access to customer accounts, thereby making it harder for fintechs to provide tailored advice. 9 Legacy institutions can also block fintechs from collecting online product information by using laws never intended for such a purpose, including trespass to chattel, the Digital Millennium Copyright Act,6 " and the Computer Fraud and Abuse Act.61 As a result, advisory fintechs cannot on their own provide comprehensive financial advice to their users. In order to access crucial data, fintechs may need to prioritize big banks' interests over helping consumers switch.

Some legacy firms can also limit market access through their dominant market positions. Over 99 percent of all credit card transactions run through the Visa, American Express, Mastercard, and Discover networks.62 Many commentators have documented credit card companies' ability to engage in exclusionary conduct, such as vertical restraint clauses that prevent merchants from using other payment methods.63 Although credit card companies may not be able to use those same tactics against payment fintechs, their strong market positions could enable them to deploy other tactics. They have, for instance, instituted "Honor All Cards" rules requiring merchants to accept their contactless payments as a condition of accepting plastic cards. These rules arguably "foreclose entry to those digital wallets that.., do not use the credit card networks for payments. 64

#### US fintech will lose to international competitors.

Loo ’18 – Associate Professor at BU Law [Rory Van; Associate Professor, Boston University School of Law and Affiliated Fellow, Yale Law School Information Society Project; 2018; "Making Innovation More Competitive: The Case of Fintech"; UCLA Law Review; https://heinonline.org/HOL/Page?handle=hein.journals/uclalr65&div=7&g\_sent=1&casa\_token=&collection=journals; accessed 8-18-2021]

C. International Competitiveness

Less efficient and innovative U.S. financial services are problematic not only in isolation, but also from an international perspective. Scholars and regulators have inconclusively debated whether banks need to be big to maintain their international competitiveness. 12' Less well-recognized is how a lack of domestic competition may undermine U.S. financial firms' global competitiveness. Foreign financial firms may gain an edge by being subject to greater competition in their home markets, thereby being forced to innovate more and operate leanly. This creates two potential problems. First, reduced domestic competitiveness may make the United States less able to enter foreign markets. The U.S. economy has benefited in recent years from billions of dollars in revenues earned abroad by Google and other leading digital companies. 126 Given the growing portion of the global economy taken up by finance, the fintech lag could constitute a large-scale missed opportunity for U.S. firms to strengthen the economy by bringing in revenues earned abroad.

Second, in the long term, American financial firms may become more vulnerable to international competition even in domestic markets. Although U.S. licenses can shield banks from foreign fintech challengers today, distributed ledger technologies may change this. Americans are already increasingly using Bitcoin, Ethereum, and other unregulated virtual currencies based on blockchain technology.127 Much is unknown about how such technologies will develop, and the trust offered by a governmentally overseen financial system may prove difficult to replicate. 128 If, however, an era of wide-open global finance arrives, U.S. financial institutions could find themselves suddenly exposed to international competition as never before. Without U.S. regulators to insulate them, U.S. financial institutions made soft by lesser competition would be more prone to lose significant market share to foreign financial institutions than they would be if domestic markets were more competitive.

#### Fintech innovation is key to the effectiveness of U.S. economic sanctions

Harrell and Rosenberg 19 – Peter E. Harrell is an adjunct senior fellow at the Center for a New American Security; former Deputy Assistant Secretary for Counter Threat Finance and Sanctions at the U.S. State Department. Elizabeth Rosenberg is a senior fellow and director and director of the Energy, Economics, and Security Program at the Center for a New American Security.

Peter E. Harrell and Elizabeth Rosenberg, “Economic Dominance, Financial Technology, and the Future of U.S. Economic Coercion,” *Center for a New American Security*, 2019, pp. 25-26, http://files.cnas.org.s3.amazonaws.com/documents/CNAS-Report-Economic\_Dominance-final.pdf.

Developments in financial technology also have the potential to affect the availability and strength of coercive economic measures over the longer term. The movement to develop blockchain-based, decentralized payments platforms and new digital currencies or tokenized assets that feature anonymity can undermine the strength of coercive economic measures. However, financial technology developments, such as the development of artificial intelligence/machine learning (AI/ML) compliance technologies, also present potential means to better detect and stop evaders and avoiders of U.S. economic coercion throughout global chains of financial interconnectivity.

Financial technologies are not themselves the drivers of potential future changes to the sources of coercive economic leverage. However, they may enable foreign governments to develop better tools to insulate transactions from U.S. jurisdiction. And, regardless of the actions of foreign governments as they spread commercially, they may help evaders duck U.S. coercive economic power in limited but meaningful ways. Conversely, new AI/ML or other technologies may help U.S. policymakers implementing economic coercion to better do their job.

Financial technology can be a facilitator of rapid transformation in the financial services sector. Importantly, financial technology developments will not happen just in the United States; a number of other countries, from China to Singapore to Switzerland, are promoting themselves as financial technology leaders. There is no guarantee that financial technology innovators and investors will be centered in the United States in the future—which represents a vulnerability to U.S. economic prominence.

Maintaining U.S. Leverage

The extent to which the United States will maintain coercive economic leverage in a world where financial technology disrupts aspects of the traditional financial architecture will depend to a significant degree on the extent to which U.S. firms, and large global firms, continue to play a dominant role in the development of the technology. To put it bluntly, a blockchain-based clearing mechanism that enables trade between foreign countries without financial transactions touching the dollar would likely undermine U.S. leverage if the technology were developed and operated by a foreign company that had no need to adhere to U.S. law. The United States would maintain at least some leverage if the technology were developed or operated by a U.S. company obliged to adhere to U.S. sanctions, technology-export restrictions, and other relevant laws, or a foreign company with significant U.S. exposure.

#### Iran’s an emerging global hub for Bitcoin mining. Absent our internal link, they’ll obviate the role of financial institutions and effectiveness of sanctions.

**Erdbrink 19** --- Dutch journalist who is the Northern Europe bureau chief for The New York Times

Thomas, 1-29-2019, "How Bitcoin Could Help Iran Undermine U.S. Sanctions,” New York Times, https://www.nytimes.com/2019/01/29/world/middleeast/bitcoin-iran-sanctions.html

Iran’s economy has been hobbled by banking sanctions that effectively stop foreign companies from doing business in the country. But transactions in Bitcoin, difficult to trace, could allow Iranians to make international payments while bypassing the American restrictions on banks.

In the past, the threat of United States sanctions has been enough to squelch most business with Iran, but the anonymous payments made in Bitcoin could change that. While Washington could still monitor and intimidate major companies, countless small and midsize companies could exploit Bitcoin and other cryptocurrencies to conduct business under American radar.

The United States Treasury, well aware of the threat, is attempting to bring Bitcoin and the others into line. In recent weeks, in response to an internet fraud case originating from Iran, the Treasury imposed sanctions on two Iranians and the Bitcoin addresses, or ‘‘wallets,’’ they had used for trading in the currency.

The Treasury also has warned digital marketplaces that buy and sell Bitcoin and companies that sell computers used to process Bitcoin transactions that they should not provide services to Iranians. Several well-known trading sites are now blocking buyers and sellers from Iran. Some have confiscated money belonging to clients based in Iran.

“Treasury will aggressively pursue Iran and other rogue regimes attempting to exploit digital currencies,” the department said in a statement.

But by their nature, cryptocurrencies are uncontrolled by any person or entity. At best, efforts to regulate or monitor trade in them are episodic, whack-a-mole affairs. With Bitcoin and other cryptocurrencies, there is simply no way to duplicate the banking sanctions that have proved so damaging to the Iranian economy.

Bitcoin transactions are recorded on a digital ledger or database known as the blockchain, maintained communally by many independent computers. The system is designed explicitly to avoid central banks and large financial institutions. Like emails delivered without going through a central postal service, the computer network maintaining Bitcoin records enables the movement of money without going through any central authority.

The Iranian government has been slow to recognize the potential sanctions-evading possibilities of Bitcoin. But it is now considering the establishment of exchanges to facilitate trading, one official, Abdolhassan Firouzabadi, said recently. Despite the failure of Venezuela’s state-backed cryptocurrency, the Petro, Iran’s central bank said recently that it was seriously considering creation of something similar, possibly called the Crypto-Rial, named after the national currency, the rial.

Still, Iran’s venture into Bitcoin pales in comparison to what has been happening the former Soviet republic of Georgia, where thousands of people have jumped into the cryptocurrency business.

At the computerized processing operation in the Iranian desert, no one seemed particularly concerned with the geopolitical implications of Bitcoin.

The operation consisted of 2,800 computers from China, fitted into eight containers, which when linked are called a farm. It makes intense mathematical calculations, known as mining, needed to confirm Bitcoin transactions. Miners collect fees in Bitcoin for their services.

Ignoring the rain, the European visitor used the calculator on his mobile phone to determine how much money could be made from this particular farm, multiplying computer power and deducting electricity and operational costs.

He estimated about five Bitcoins a month, which at roughly $4,000 per Bitcoin at current price levels, would be about $20,000.

“Not too bad,” he said.

The currency fluctuates like any other, though it has proved particularly volatile, sinking to slightly less than $4,000 a unit from nearly $20,000 about a year ago.

“We’ll have two engineers on site to keep everything running, that’s it,” said Behzad, the chief executive of IranAsic, the company running the site. He, like the European investor, did not want to provide his family name, out of fear of penalties from the United States.

The Chinese computers, called Antminer V9s, were regarded as outdated by the European visitor. Still, he said, “I guess this is the last place on earth where they are still profitable.”

That helps explain why Iran seems to be taking its first baby steps toward becoming a global center for mining Bitcoins. Because of generous government subsidies, electricity — the energy for the computers needed to process cryptocurrency transactions — costs little in Iran. It goes for about six-tenths of a cent per kilowatt-hour, compared with an average of 12 cents in the United States and 35 cents in Germany.

In recent months, dozens of foreign investors from Europe, Russia and Asia have considered moving their mining operations to Iran and other low-cost countries like Georgia. “We have to be flexible in this industry and go where prices are the lowest in order to survive,” said the European investor.

#### Tracking solves Iranian evasion – US lead key.

**Robinson 21** --- Ph.D., Co-founder and Chief Scientist discusses cryptocurrency forensics, investigations, compliance, and sanctions.

Tom, "How Iran Uses Bitcoin Mining to Evade Sanctions and “Export” Millions of Barrels of Oil," Elliptic, <https://www.elliptic.co/blog/how-iran-uses-bitcoin-mining-to-evade-sanctions>

The Iranian state is therefore effectively selling its energy reserves on the global markets, using the Bitcoin mining process to bypass trade embargoes. Iran-based miners are paid directly in Bitcoin, which can then be used to pay for imports - allowing sanctions on payments through Iranian financial institutions to be circumvented.

This has become all but an official policy, with a think tank attached to the Iranian president’s office recently publishing a report highlighting the use of cryptoassets to avoid sanctions.

Many of those making the Bitcoin transactions and paying the fees to Iran-based miners will be located in the United States - the very country spearheading the sanctions. As the US government considers whether to lift some sanctions on Iran in exchange for a return to a nuclear deal, it will need to consider the role that Bitcoin mining plays in enabling Iran to monetise its natural resources and access financial services such as payments.

In the meantime, financial institutions should consider the sanctions risk they are exposed to due to Iranian Bitcoin mining - particularly those that are beginning to offer cryptoasset services. If 4.5% of Bitcoin mining is based in Iran, then there is a 4.5% chance that any Bitcoin transaction will involve the sender paying a transaction fee to a Bitcoin miner in Iran. Financial institutions should also be on the lookout for crypto deposits originating from Iranian miners that are seeking to cash-out their earnings.

Solutions for Sanctions Risks

However as we discuss in more detail our new sanctions guide, solutions to these challenges exist and are already used by financial institutions engaging in cryptoasset activity.

For example, blockchain analytics solutions such as those provided by Elliptic can be used by regulated financial institutions to detect and block cryptoasset deposits from Iran-based entities including miners. Techniques can also be employed to ensure that transaction fees are not paid to miners in high risk jurisdictions.

#### Effective sanctions key to prevent Iranian nuclear acquisition.

**Morrison 21** --- Master of Arts of Political Science, University of Waterloo.

Kallen, 2021, “Economic Sanctions and Nuclear Non-proliferation: A Comparative Study of North Korea and Iran, “University of Waterloo, Fulfilment of the thesis requirement for the degree of Master of Arts, https://uwspace.uwaterloo.ca/bitstream/handle/10012/16666/Morrison\_Kallen%20.pdf?sequence=3

Economic sanctions have been successful in stopping Iran from pursuing their nuclear program thus far. Iran has conceded multiple times to the United States and the international community to halt the enrichment of uranium and the advancement of their nuclear program. The most notable example of Iran’s concessions has been the signing of the Joint Comprehensive Plan of Action in which Iran agreed to halt and greatly reduce their nuclear program in return for substantial easing of economic sanctions. The second criteria has been met as Iran’s economy has significantly worsened due to continued economic pressure from the United States and the international community. Iran’s economy has significantly worsened due to continued economic pressure from the United States and the international community. Continued economic pressure has been paramount to bringing Iran to the negotiating table. While the United States and its regional allies do pose a military threat to Iran, that is unlikely a sufficient factor in dissuading Iran.

We have established that the level of political contestation in the targeted countries, their economic and security vulnerabilities, and the degree of international cooperation are important factors in determining if economic sanctions are effective at limiting nuclear proliferation. In Iran’s case the regime, while authoritarian, allows for limited political contestation. The general public gets to elect the president (even if candidates are handpicked by the supreme leader). Iranians have been able to protest against the government. One goal of economic sanctions is to galvanize the general public against the government and their policy decisions. Iranians have indeed been frustrated by the sanctions and voiced their discontent with the government policies targeted by the sanctions.

Iran’s international environment is also conductive for economic sanctions to be effective. Iran is a regional power with an impressive arsenal of missiles and extensive network of proxy forces. Therefore, nuclear weapons are not imperative for Iran’s defence. On the other end, Iran’s economy is largely based on oil and gas exports. Integration into the global market is very important for Iranians and a vital source of revenue for the government. Economic sanctions have hurt the Iranian economy and therefore have hurt Iranians. The economic squeeze has brought Iran to the negotiating table in the past and will likely do so in the future. The international approach to Iran has been encompassing with the European Union and the United Kingdom taking a common stand with the United States in preventing Iran from acquiring nuclear weapons. Even after the United States left the JCPOA the EU and UK have attempted to develop mechanisms to provide Iran with economic incentives to keep Iran abiding to the JCPOA. Even though China has given Iran an economic lifeline there is tension within Iran over concerns of becoming too economically dependent on China.

#### Israel would preempt before the nukes come online. Sparks a wider regional conflict that draws in all the major powers.

Scheinman 18 – Security Studies Chair, Nat’l War College; Nuclear Nonprolif Rep. for Obama

Adam M. Scheinman, What if Iran leaves the NPT?, 8 June 2018, <https://thebulletin.org/2018/06/what-if-iran-leaves-the-npt/>

Not to diminish the immensity of North Korea’s nuclear challenge, but Iran’s withdrawal from the NPT carries weightier risks. It would likely mean that Iran’s Supreme Leader had given the green light to an Iranian nuclear weapon, opening the floodgates to NPT withdrawals by other Arab states—Saudi Arabia, the UAE, and Egypt head that list. These and possibly other Sunni governments, none of whom can rely on a major power for defense, may conclude that they require their own nuclear weapon to check Iran’s rise. The Saudis are very clear and public on this point.

More immediately, Israel may feel compelled to strike Iranian nuclear facilities before they become fully operational. This raises the specter of a regional war that may draw in several of the nuclear weapon states—the United States, the UK, France, and Russia—and reshape the Middle East in ways we cannot predict. Whether the NPT could survive such a shock is another unknown.

#### Loss of economic leverage alone is sufficient to trigger the impact.

**Zilber 21** --- Journalist covering Middle East politics and an adjunct fellow at the Washington Institute for Near East Policy.

Neri, 9-14-2021, "Israel Can Live With a New Iran Nuclear Deal, Defense Minister Says," Foreign Policy, https://foreignpolicy.com/2021/09/14/israel-iran-nuclear-deal-defense-minister-gantz/

TEL AVIV, Israel—Israel would be willing to accept a return to a U.S.-negotiated nuclear deal with Iran, Defense Minister Benny Gantz told Foreign Policy—but Israeli officials are also pressing Washington to prepare a serious “demonstration of power” in case negotiations with Tehran fail.

The remarks, made during an exclusive interview last week, appear to reflect a shift in policy for Israel, which under the leadership of former Prime Minister Benjamin Netanyahu loudly opposed the 2015 nuclear agreement and worked to undermine it.

Former U.S. President Donald Trump pulled the United States out of the agreement in 2018, but the Biden administration has renewed the diplomacy—even as Iran moves closer to enriching enough uranium to make a nuclear weapon.

Gantz, asked about efforts by the Biden administration to get back to an agreement with Iran, said: “The current U.S. approach of putting the Iran nuclear program back in a box, I’d accept that.”

He added that Israel would want to see a “viable U.S.-led plan B” that includes broad economic pressure on Iran in case the talks fail. And he gestured at Israel’s own “plan C,” which would involve military action.

Gantz estimated that Iran was two to three months away from having the materials and capabilities to produce one nuclear bomb. Iran has steadily ramped up its nuclear work since the United States withdrew from the deal, despite a so-called maximum pressure campaign advanced by Trump and Netanyahu that included sanctions and sabotage efforts.

#### Can’t stay contained—multiple pathways to global nuclear war.

Avery 13 – Lektor Emeritus & Associate Professor, U of Copenhagen

John Scales Avery, Lektor Emeritus, Associate Professor, at the Department of Chemistry, University of Copenhagen, since 1990 he has been the Contact Person in Denmark for Pugwash Conferences on Science and World Affairs, An Attack On Iran Could Escalate Into Global Nuclear War, 11/6/13, http://www.countercurrents.org/avery061113.htm

Despite the willingness of Iran's new President, Hassan Rouhani to make all reasonable concessions to US demands, Israeli pressure groups in Washington continue to demand an attack on Iran. But such an attack might escalate into a global nuclear war, with catastrophic consequences. As we approach the 100th anniversary World War I, we should remember that this colossal disaster escalated uncontrollably from what was intended to be a minor conflict. There is a danger that an attack on Iran would escalate into a large-scale war in the Middle East, entirely destabilizing a region that is already deep in problems. The unstable government of Pakistan might be overthrown, and the revolutionary Pakistani government might enter the war on the side of Iran, thus introducing nuclear weapons into the conflict. Russia and China, firm allies of Iran, might also be drawn into a general war in the Middle East. Since much of the world's oil comes from the region, such a war would certainly cause the price of oil to reach unheard-of heights, with catastrophic effects on the global economy. In the dangerous situation that could potentially result from an attack on Iran, there is a risk that nuclear weapons would be used, either intentionally, or by accident or miscalculation. Recent research has shown that besides making large areas of the world uninhabitable through long-lasting radioactive contamination, a nuclear war would damage global agriculture to such an extent that a global famine of previously unknown proportions would result. Thus, nuclear war is the ultimate ecological catastrophe. It could destroy human civilization and much of the biosphere. To risk such a war would be an unforgivable offense against the lives and future of all the peoples of the world, US citizens included.

#### Saudi will follow them across the nuclear threshold---nuclear war.

Robb et. al 12 (Senator Charles S. – Virginia, General Charles Wald – Former Deputy Commander of U.S. European Command, Dr. Daniel Ahn – Senior Economist and Head of Portfolio Strategy for CitiBank New York, John Hannah – Former Assistant for National Security Affairs to the Vice President, Stephen Rademaker – Former Assistant Secretary of State for Arms Control and Nonproliferation, Christopher Carney – former U.S. Representative from Pennsylvania, Ed Husain – Senior Fellow for Middle Eastern Studies at the Council on Foreign Relations, Ambassador Dennis Ross – Counselor for the Washington Institute for Near East Policy, Ambassador Eric Edelman – Former Under Secretary of Defense for Policy, Reuben Jeffrey III – Former U. S. Under Secretary of State for Economic, Business, and Agricultural Affairs, John Tanner – Former U.S. Representative from Tennessee, Secretary Dan Glickman – Senior Fellow at the Bipartisan Policy Center, Admiral Gregory Johnson – Former Commander of U.S. Naval Forces, Europe, Mortimer Zuckerman – CEO and Chairman of the Board of Directors for Boston Properties, Inc., Larry Goldsetin – Founder of Energy Policy Research Foundation, Inc., and General Ron Keys – Former Commander of the Air Combat Command, The Price of Inaction: Analysis of Energy and Economic Effects of a Nuclear Iran, Bipartisan Policy Center, p. 24)

Saudi Arabia would be very likely to try to follow Iran across the nuclear threshold. Should it do so, the world would face the possibility of an Iran-Saudi nuclear exchange—a catastrophic humanitarian event that would threaten the entirety of Gulf oil exports for an extended period of time. In early 2008, the Senate Foreign Relations Committee concluded: “If Iran obtains a nuclear weapon, it will place tremendous pressure on Saudi Arabia to follow suit.”19 By 2012, some experts believe it has already begun to do so. Two main factors could drive Saudi Arabia to pursue a nuclear weapon: (1) a decades-long Saudi-Iran cold war waged along sectarian, religious, ethnic, and geopolitical lines and (2) a deep-seated competition over the energy policies that form the lifeblood of both regimes. The Sunni Saudi monarchy and Shiite Iranian theocracy each claim leadership of the Islamic world. This sectarian competition for primacy is reinforced by ethnic differences: Saudi Arabia is the largest and most populous Arab country astride the Gulf, but it is dwarfed by Iran’s much larger Persian-majority population. These competing claims have pitted the two countries in an enduring cold war and proxy conflict spanning from Lebanon to Iraq and the Arabian Peninsula. Iran—under both the Shah and the ayatollahs—has routinely sought to use its conventional military capabilities, large population, geostrategic position, expansive resources, and ties to armed groups to shift the balance of power in the Persian Gulf in its favor and at the expense of its Sunni Arab neighbors.20 As a result, Saudi Arabia has made it clear it views a nuclear-capable Iran as an existential threat. In 2008, King Abdullah urged the United States to “cut off the head of the snake,” one instance of his “frequent exhortations [to] the United States to attack Iran to put an end to its nuclear weapons program,” according to U.S. diplomatic cables revealed by Wikileaks.21 With uncertain prospects for a halt to Iran’s nuclear program—peaceful or otherwise—in 2009, the King informed a senior American official, “If [Iran] gets nuclear weapons, we will get nuclear weapons.” This year, senior Saudi officials reiterated that “it would be completely unacceptable to have Iran with a nuclear capability and not the kingdom [of Saudi Arabia].”22 Rather than lose time developing an indigenous nuclear program, it is likely the Saudi kingdom would seek to obtain a nuclear warhead from Pakistan ready to mount on its CSS-2 ballistic missiles. Close Saudi-Pakistani security ties date back to shared Cold War–era interests, and it is widely believed that Riyadh bankrolled Islamabad’s nuclear weapons program with the stipulation that Pakistan would sell nuclear devices to Saudi Arabia in an emergency; in the words of a senior Saudi official, “within weeks.”23 Pakistan would benefit by receiving much-needed cash and could demand in return dual-key authority over missile launches, both to control Saudi policy and to bolster its own secondstrike capability against India. At best, this would create a nuclear-armed standoff between the two most powerful and mutually antagonistic countries in the Persian Gulf. At worst, it could devolve into atomic warfare. Iran’s and Saudi Arabia’s small arsenals, lack of durable communication channels, poor civilian oversight of command-and-control systems, erratic intelligence, proximity to each other, religious ardor, and sectarian divide would all distinguish this scenario from the Cold War balance between the United States and the Soviet Union. Any such conflict would likely be extremely devastating. Each country would have natural incentives to cripple its opponent’s oil facilities in any nuclear conflict. Crudeoil exports are both regimes’ political and economic lifeblood, and thus the basis for their military power. Also, each country’s oil infrastructure and export terminals are concentrated along the Gulf, within range of the other’s nuclear-weapons delivery vehicles. Moreover, a nuclear war in this region would likely not only destroy a large portion of the Gulf’s oil infrastructure but also render the entire Gulf unavailable to shipping for some period of time. This could come directly through radioactive fallout, atmospheric pollution, and environmental destruction, or indirectly through prohibitively high insurance rates and other risk factors for tankers transiting the region.24 Therefore, even if a nuclear exchange did not spread into a region-wide war, the transit of Hormuz-bound oil exports would be halted by such a conflict.

#### Thus the plan: The United States federal government should increase prohibitions on anticompetitive business practices which cause net-harm on one side of platforms.

#### That solves –it enables tailored remedies that promote competition but maintain efficiency

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(Herbert, “Antitrust and Platform Monopoly,” 130 Yale L.J. 1952)

More Creative Alternatives

Frequently, neither simple injunctions nor simple breakups will be good solutions for platform monopoly. Injunctions may be inadequate to restore competition, and breakups may impair efficient operation and harm consumers in the process.

The case for a breakup is strongest when noncompetitive performance or conduct seems to be inherent in a firm’s current structure. Even then, however, there is no guarantee that the firm, once dismantled, will perform any better than before. For example, how do we break up Facebook without harming the constituencies that it serves?

The approaches discussed briefly in this Section do not require the breakup of assets or the spinoff of divisions or subsidiaries other than some that have been acquired by merger. Rather, they alter the nature of ownership, managerial decision making, contracts, intellectual-property licenses, or information management. Instead of attempting to force greater competition between a dominant platform and its rivals, we might do better to leave the firm intact but encourage more competition within it. Alternatively, we might increase interoperability by requiring more extensive sharing of information or other inputs. While the current antitrust statutes grant the courts equitable power sufficient to accomplish these remedies,299 the proposals are novel and could provoke resistance.

These remedies can be applied to entities other than structural monopolies, and for offenses under both section 1 and section 2 of the Sherman Act. While less intrusive than asset breakups, however, they can be more intrusive than simple conduct injunctions. As a result, they should be limited to situations where prohibitory injunctions alone are unlikely to be adequate. Occasional uses of unlawful exclusive dealing, most-favored-nation agreements,300 or other anticompetitive contract practices deserve an injunction, but ordinarily would not merit a breakup of the entire firm or fundamental alteration of its management structure.

The traditional way that antitrust law applies structural relief is to break up firms’ various physical assets, through such devices as forcing selloffs (divestiture) of plants, products, or subsidiaries.301 To the extent these breakups interfere with a firm’s production and distribution, they can produce harmful results such as increased costs or loss of coordination. This is particularly true of integrated production units, such as single digital platforms. The D.C. Circuit noted this concern in Microsoft when it refused the government’s request for a breakup.302

a. Enabling Competition Within the Platform

One alternative to divestiture is to leave a platform’s physical assets and range of participants intact but change the structure of ownership or management so as to make it more competitive internally. A platform or other organization can itself be a “market” within which competition can occur. In that case, antitrust law can be applied to its internal decisions, improving competition without limiting the extent of scale economies or beneficial network effects.

Ordinarily, agreements among subsidiaries or other agents within a firm are counted as unilateral and so are attributed to the firm itself.303 That rule is a direct consequence of the separation of ownership and control. The all-important premise, however, is that the firm’s central management is the only relevant economic decisionmaker. When that is not the case, even agreements among the various constituents within the firm can be treated as cartels.

There is plenty of precedent on this issue. The history of antitrust law is replete with examples of incorporated firms that are owned or managed by distinct and often competing entities. The courts have treated these firms as cartels or joint ventures, even for practices that, from a corporate law perspective, appeared to be those of a single firm. If properly managed, the result can be to force entities within the same incorporated organization to behave competitively vis-à-vis one another.

Firms whose ownership is reorganized in this fashion can still be very large and retain most of the attributes of large firms. On the one hand, this will satisfy those concerned that the breakup of large firms can result in the loss of economies of scale or scope, or of other synergies that generally lead to high output and lower prices. On the other hand, it will not satisfy those who believe that “big is bad” for its own sake.304

Joint management of unified productive assets has a storied history that goes back to the Middle Ages. Farmers, ranchers, and fishermen produced cattle, sheep, and fish on various “commons,” or facilities that were shared among a large number of owners and subjected to management rules.305 Many of these operated on a mixed model that involved individual production for stationary products such as crops, but a commons for grazing cattle or other livestock. For mobile products such as cattle or fish, the costs of shared management were lower than the costs of creating or maintaining boundaries. That was not the case for radishes or wheat. So rather than cutting a large pasture or bay into 100 fenced-off plots, participating property owners operated it as a single economic unit, substituting management costs for fencing costs. Just as for any firm, size and shape are determined by comparing the costs and payoffs of alternative forms of organization.306

So while a commons can be a very large firm, it can be operated by a collaboration of competing entities rather than a single one. Output reductions and price setting by a single firm are almost always out of reach of the federal antitrust laws. On the other hand, if a market is operated by a joint venture of

active business participants, their pricing is subject to the laws against collusion. Their exclusions also operate under the more aggressive standards that antitrust applies to concerted, as opposed to unilateral, refusals to deal.307 The fact that this joint venture is a corporation organized under state law, as many ventures are, does not make any difference. It is still a collaboration as far as antitrust law is concerned.

The theory of the firm precludes claims of an antitrust conspiracy between a corporation and its various subsidiaries, officers, shareholders, or employees. This preclusion is an essential corollary to the proposition that a corporation is a single entity for most legal purposes and not simply a cartel of its shareholders or other constituent parts. This is how corporate law preserves the boundary between firms and markets.308

But important exceptions exist. While a corporation is a single entity for most antitrust purposes, if it is operated by its shareholders for the benefit of their own separate businesses, its conduct is reachable under section 1 of the Sherman Act. A cartel is still a cartel even if it organizes itself into a corporation.

The classic antitrust example of such a collaborative structure is in the 1918 Chicago Board of Trade case, which first articulated the modern rule of reason for antitrust cases.309 As Justice Holmes had described the Board thirteen years previously, 310 it was an Illinois state-chartered corporation whose 1600 members were themselves traders for their own individual accounts, and with individual exclusive rights to do business on the Board’s trading floor.311 The “call rule,” which prevented collaborative price making among the members except during exchange hours, could not have been challenged under the antitrust laws as unilateral conduct. A single firm may set any nonpredatory price it wishes. Further, all of the relevant participants were inside the firm. Nevertheless, they were regarded as independent actors for the purpose of trading among themselves.

Thus the United States challenged the call rule as price fixing among competitors. 312 Not only is the substantive law against such collaborative activity more aggressive than that against unilateral actions, but the remedial problems are less formidable. If a firm acting unilaterally should set an unlawful price, the court must order it to charge a different price, placing it in the awkward position of a utility regulator. By contrast, price fixing by multiple independent actors operating in concert is remedied by a simple order against price fixing, requiring each participant to set its price individually without dictating what the price must be. The Supreme Court ultimately found the Chicago Board’s call rule to be lawful. If it had not, however, the remedy would have been an injunction against enforcement of the rule, leaving the members free to set their own prices. In fact, the United States’ requested relief was precisely that.313

The same thing applies to refusals to deal. If a firm is acting unilaterally, its refusal to deal is governed by a strict standard under which liability is unlikely, particularly if there has not been an established history of dealing.314 Further, in many circumstances a court can enforce a dealing order only by setting the price and other terms. By contrast, if the entity that refuses to deal is operated by a group of active business participants, its collective refusal to deal is governed by section 1 of the Sherman Act. A court usually need do no more than issue an injunction against the agreement not to deal. This is true even if the actors have incorporated themselves into a single business entity, as in the Associated Press case, which involved a New York corporation whose members were 1200 newspapers. 315 The government charged the Association with “combining cooperatively” to prohibit news sales to nonmembers or making it more difficult for a newspaper to enter competition with an existing newspaper.316 The Court upheld an injunction against the restrictive rules under the Sherman Act.317

The modern business world provides many analogies to this structural situation. For example, each of the NCAA’s 1200 member schools operates as a single entity in the management of education, student housing and discipline, and financing of its own operations, including athletic departments. By contrast, the rules for recruiting and maintaining athletic teams, their compensation, as well as the scheduling, operation, and playing rules of games, are controlled through rulemaking by the collective group.318 While the schools compete with one another in recruiting athletes and coaches, in obtaining both live and television audiences, and in the licensing of intellectual property, all of these things fall within NCAA rulemaking and are reachable by antitrust law. Specifically, decisions to restrict the number of televised games;319 to limit the compensation of coaches320 or players;321 or to limit licensing of students’ names, images, and likenesses322 all fall within section 1 of the Sherman Act. When a violation is found, the antitrust remedy is an injunction permitting each team to determine its choices individually.

The same analysis drove the American Needle litigation, a refusal-to-deal case that involved the National Football League (NFL).323 The NFL is an unincorporated association controlled by thirty-two individual football teams, each of which is separately owned. NFL Properties (NFLP) is a separate, incorporated LLC in New York, controlled by the NFL. The individual teams are members, and they also collectively control the licensing of the teams’ substantial and individually owned intellectual-property rights. In this case, the team members voted to authorize NFLP to grant an exclusive license to Reebok to sell NFLlogoed headwear (i.e., helmets and caps) for all thirty-two teams.324 The plaintiff, American Needle, was a competing manufacturer that the agreement excluded.325

The issue for the Supreme Court was whether NFLP’s grant of an exclusive license should be addressed as a “unilateral” act of NFLP or as a concerted act by the thirty-two teams acting together, and the Court unanimously decided the latter.326 As a matter of corporate law, the refusal to deal appeared to be unilateral. NFLP, the licensing party, was an incorporated single entity. The lower court had relied on earlier Seventh Circuit decisions holding that professional sports leagues should be treated as single entities under these circumstances.327

The Supreme Court’s decision to the contrary was consistent with its earlier cases Sealy328 and Topco.329 In both of those cases, the Court held that even if an entity is incorporated, it can be addressed as a collaboration of its competing and actively participating shareholders. In Sealy, each member was a shareholder, and collectively the members owned all of Sealy’s stock.330 In Topco, each of the twenty-five members owned an equal share of the common stock, which had voting rights. They also owned all of the preferred stock, which was nonvoting, in proportion to their sales.331

Agreements among the active members or shareholders on incorporated real-estate boards are treated in the same way. Acting as a single entity, the board organizes the listing of properties for sale, formulates listing rules, promulgates standardized listing forms and sales agreements, and controls much of the conduct of individual brokers. Acting individually, the shareholder-brokers show properties to clients and obtain commissions from sales. Each real-estate office acts as not only a shareholder or partner in the overall organization, but also a competitor for individual real-estate sales.

Without discussing single-entity status, in 1950 the Supreme Court held that price fixing among real-estate agents who were members of an incorporated board was an unlawful conspiracy.332 A leading subsequent decision involved Realty Multi-List, a Georgia corporation organized and owned by individual real-estate brokers.333 Under the corporation’s arrangement, one shareholder member could show properties listed by a different shareholder member.334 The Fifth Circuit concluded that both the agreements among the members fixing commission rates and setting exclusionary and disciplinary rules for brokers who deviated from these rates were unlawful under section 1 of the Sherman Act.335

In the 2000s, the government and private plaintiffs sued several multiplelisting services, challenging their decisions to exclude real-estate sellers.336 The Fourth Circuit eventually applied American Needle, rejecting the contention that concerted action was lacking because the parties making the decision were acting as “agents of a single corporation.”337 Several other decisions have arrived at similar results reaching both price fixing and concerted exclusion.338

Hospital-staff-privileges boards also provide an analogy. Hospitals regularly use such boards to decide which physicians can be authorized to practice at the hospital. If physician-board members with independent practices deny staff privileges to someone, they may be treated as a conspiracy rather than a single actor.339

Even an incorporated natural monopoly can be subject to section 1 of the Sherman Act if it is controlled by its shareholders for their separate business interests. That issue arose in the 1912 Terminal Railroad decision.340 The railroadbridge infrastructure across the Mississippi was very likely a natural monopoly, given it operated as a bottleneck through which all traffic across the river had to pass.341 However, the facility was incorporated, and its shareholders were a group of thirty-eight firms and natural persons organized by railroad financier Jay Gould.342 The venture constituted a single corporation under Missouri law, but it was actively managed by its shareholder participants, all of whom had separate businesses. They were mainly individual railroads, a ferry company, bridges, a “system of terminals,” and several individuals.343 The venture thus controlled an extensive collection of railroad transportation, transfer, and storage facilities at a point at which all east-west traffic in that part of the country had to cross the Mississippi River.344

The Court’s order is both interesting and pertinent to platforms. It rejected the government’s request for dissolution. It noted that dissolving the corporation would do nothing to eliminate the bottleneck.345 Rather, it ordered the district court to fashion a “plan of reorganization” that permitted all shippers, whether or not they were members of the organization, to have access on fair and reasonable terms, with the goal of “plac[ing] every such company upon as nearly an equal plane as may be with respect to expenses and charges as that occupied by the proprietary companies.”346 Dissolution would be mandated only if the parties failed to agree on these terms.347

The *Terminal Railroad* decree suggests a way to remedy anticompetitive behavior by large digital platforms representing several sellers without sacrificing operational efficiencies. Rather than requiring divestiture of productive assets, which almost always leads to higher prices, we could restructure ownership and management. A large firm such as Amazon can attain economies of scale and scope that rivals cannot match. Further, Amazon benefits consumers, most suppliers, and labor, by selling its own house brands and the brands of third-party merchants on the same website. This is how a seller of house brands can break down the power of large name-brand sellers.348

The problem is not that Amazon sells too much, but rather that Amazon’s ownership and management make it profitable for Amazon to discriminate in favor of its own products and against those of third-party sellers, or to enter other anticompetitive agreements with independent sellers. Breaking up Amazon or forcing a physical separation of own-product and third-party sales would mean giving up a great deal of brand rivalry that benefits consumers.

Suppose a court required Amazon to turn important commercial decisions over to a board of active Amazon participants who made their own sales on the platform, purchased from Amazon, or dealt with it for ancillary services. Acting collaboratively, they could control product selection, distribution and customer agreements, advertising, internal product development, and pricing of Amazon’s own products. Their decisions would be subject to antitrust scrutiny under section 1 of the Sherman Act.

Such an approach could be particularly useful in situations involving refusals to deal. To illustrate, an important focus of the EU’s November 2020 Statement of Objections Against Amazon is on claims that Amazon “artificially favour[s] its own retail offers” in product areas where it sells both its own and third-party merchandise.349 Under current United States antitrust law, a firm acting unilaterally would not be prevented from discriminating between its own and thirdparty sales. That was the very issue in Trinko—namely, that monopolist Verizon discriminated against third-party carriers and favored its own.350

If decision making in this area were entrusted to a board of active sellers, including both Amazon itself and third parties, the section 1 standard would reach the conduct. Justice Scalia’s Trinko opinion, citing Terminal Railroad, observed that the Supreme Court had imposed nondiscrimination obligations under similar circumstances, but only when the government was attacking concerted rather than unilateral conduct.351 Further, when such conduct is concerted, it is “amenable to a remedy that does not require judicial estimation of free-market forces: simply requiring that the outsider be granted nondiscriminatory admission to the club.”352 The number and diversity of participants could vary, but they should be sufficiently numerous and diverse to make anticompetitive collusion unlikely. That could include individual merchants who sell on Amazon, principal shareholders, and perhaps customers and others. The Board should be subject to rules setting objective standards for product selection.

Numerosity should not interfere with effective operation. The Chicago Board of Trade had 1800 trading members and decisionmakers in 1918, when organizational rules and procedures were still being managed with pencil and paper.353 The NCAA has more than 1200 member schools,354 and the Associated Press had more than 1200 member newspapers in 1945.355 The Terminal Railroad Association had 38 shareholder members, but the decree contemplated nondiscriminatory sharing with any non-shareholder who wished to participate. 356 One large real-estate board, the Chicago Association of Realtors, has

over 15,500 members.357

The designated decisionmakers need not be Amazon shareholders, as long as they have independent business interests and operate on Amazon. In fact, the details of state corporate law or organization would not ordinarily affect the federal antitrust issue. For example, in some of these cases—such as Terminal Railroad, 358 Sealy,359 and Topco360—the relevant decisionmakers owned shares in the corporation. In American Needle, the organization in question was NFL Properties, an LLC,361 which does not have shareholders but rather owner-members similar to a partnership. Similarly, in Associated Press, the Court probed a cooperative association incorporated under the Membership Corporation Laws of New York.362

Whether the court applies the per se rule or the rule of reason in such cases would depend on the offense. In NCAA, the Supreme Court concluded that the rule of reason should apply to all restraints undertaken by the association because cooperation was necessary to the creation of the product: intercollegiate sports.363 That is not the case with product sales on Amazon. Rather, the traditional distinction between naked and ancillary restraints would work well. Price fixing or unjustified limitations on output would be strongly suspect.364 On the other hand, rules establishing uniform practices governing distribution and resolution of customer complaints could certainly be reasonable and thus lawful. Concerted refusals to deal can cover a range of practices from naked boycotts motivated by price (per se unlawful)365 to reasonable standard setting (rule of reason),366 and should be addressed accordingly.

Such an approach would notably not aim at size *per se*. An Amazon with competitively restructured management could be just as large as it is now. Indeed, it could be even larger. Cartels and monopolies function by restricting output, and facilitating internal competition could serve to increase it. Amazon would likely retain the efficiencies that flow from its size and scope. We would have effectively turned the internal workings of its platform into a market. It still might be in a position to undersell other businesses or to exclude products that its members and rules disapprove. If it did so in an anticompetitive manner, however, section 1 of the Sherman Act could be applied.

#### The aff is goldilocks – it remedies type II errors because it is POSSIBLE for plaintiffs to win, but caps type I error because frivolous cases would still be dismissed

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(Erik, “Platform Antitrust,” 44 J. Corp. L. 713)

C. Plaintiffs Already Bear the Burden on Balancing

Balancing anticompetitive effects against procompetitive efficiencies is notoriously challenging. 196 It is intuitively sensible that, if there are countervailing welfare effects, the burden ought to be on the plaintiff to establish that the balance of effects results in a net injury. But it is incorrect to presume that the AmEx III decision-which requires balancing right out of the gates-was necessary to achieve this result.

Recall that, if the defendant establishes a procompetitive justification and the plaintiff fails to identify a less restrictive alternative, then the court must attempt to balance the countervailing effects. Here, the plaintiff carries the burden of persuasion by virtue of its underlying obligation to prove an anticompetitive effect by a preponderance of evidence. 1 9 7 As such, the rule of reason already ensures that the plaintiff bears the ultimate burden as to the balance of countervailing effects. But, critically, the usual approach delays the balancing inquiry until such time as the court can be sure it is necessary-namely, until after the defendant has established a significant efficiency that might warrant balancing.

Most rule of reason cases resolve before reaching the balancing stage. 198 However, this is in part due to the fact that a large majority of cases end at the first stage, with plaintiffs failing to make a prima facie case. 199 Michael Carrier finds that, between 1999 and 2009, plaintiffs fail at the first stage in 97% of rule of reason cases. 2 0 Further, 'there was only one final judgment issued in a plaintiff's favor over that period (out of 222 total judgments). Thus, given that the burden of establishing a prima facie case *without* balancing is already highly demanding, we would hardly stack the deck against defendants by continuing to reserve the balancing analysis for the final stage.

Everyone agrees that platform economics makes matters more complicated, which does indeed increase the concern that courts might err in attempting to resolve the balance of countervailing effects. But the maximal possible number of type 1 errors is capped by the number of judgments issued in plaintiffs' favor. And that number is already miniscule under the traditional burden shifting rules. As such, there simply isn't any room for a large swath of plaintiff-favoring errors, because plaintiffs almost never win in the first place.

### conduct adv – 1ac

Advantage 2 is Conduct –

#### The full scope of *Amex* is unclear—companies will exploit it to misuse their platforms—that’s effectively impossible to police

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(Lina, “The Supreme Court just quietly gutted antitrust law,” July 3, <https://www.vox.com/the-big-idea/2018/7/3/17530320/antitrust-american-express-amazon-uber-tech-monopoly-monopsony>)

Antitrust laws have never permitted monopolistic firms to wield their market power against one set of customers so long as they benefit another set of players. Yet this kind of “balancing” is exactly what the Second Circuit ratified. Consider: Under the logic the appeals court used, an anticompetitive scheme by Uber to suppress driver income would not be considered illegal unless those bringing the suit showed that riders were also harmed.

What’s more, the court said, plaintiffs have to meet this new burden at the very earliest stage of litigation.

Last Monday, a 5-4 majority on the Supreme Court upheld that approach. Not only does the decision show stunning disregard for core elements of antitrust law, it carelessly mangles long-accepted legal rules along the way to establishing its position. Perhaps most strikingly, it overrides or ignores facts established by the district court.

For example, the Supreme Court states that AmEx’s increased merchant fees reflect “increases in the value of its services,” even though the lower court expressly found that AmEx’s price hikes exceeded the value of the cardholder rewards.

In practice, the Court has shielded from effective antitrust scrutiny a huge swath of firms that provide services on more than one side of a transaction — and, in today’s digital economy, there are many (as Justice Stephen Breyer noted in a dissent he read from the bench to emphasize his concerns).

Worse yet, the Court left unclear what kinds of businesses actually qualify for this new rule. As the Open Markets Institute, for which I work, explained in an amicus brief, deciding an antitrust case using the amorphous concept of a “two-sided” market will incentivize all sorts of companies to seek protection under this bad new theory.

What kinds of companies might have more freedom to exert pressure on customers, as a result of this decision? Not newspapers, the Court said: Readers are “largely indifferent” to the number of advertisements on newspaper pages, even though advertisers are looking to reach readers. So someone suing a newspaper on antitrust grounds (say, for prohibiting advertisers from doing business with other newspapers) would not have to prove that a newspaper’s conduct harmed both readers and advertisers.

On the surface, the Court’s language suggests that the special rule would apply to Amazon’s marketplace for third-party merchants, to eBay, and to Uber — but not to Google search or Facebook. Indeed, the Justice Department’s antitrust division chief, Makan Delrahim, has also come to this conclusion about the scope of the decision. But the Court’s opinion hardly delivers a clear and workable standard for judges to go by.

One can imagine the reams of studies Google would commission to show that targeting users with advertising did indeed amount to a “transaction” with users that users highly valued — a showing that, if successful, would likely qualify it for the shield of the special rule. If so, Google might be able to impose exclusionary contracts on advertisers and significantly boost the prices it charges them. Amazon, meanwhile, can continue to squeeze the suppliers and retailers reliant on its platform with little worry about being charged with the abuse of monopsony power.

Federal judges generally lack the expertise needed to independently assess the hyper-complex economic studies that this new rule will spur. Rather than focusing on the conduct between a company and one set of its customers, the new rule requires a much more involved showing.

#### This is accelerating—recent Circuit decisions doubled down on *Amex* – to expand it to new sectors, and mergers

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(Kaj, “Antitrust After American Express: Down a Competitive Effects Rabbit Hole,” September 21, <https://techlawdecoded.com/antitrust-after-american-express-down-the-competitive-effects-rabbit-hole/>)

These are no longer just predictions, but lived realities. Since American Express came down, parties opposing government antitrust enforcement actions have taken that decision and run with it.

Antitrust in tech markets after American Express

In the two years since the American Express decision, courts have already relied on it to toss out two more major antitrust cases brought by the government, both involving tech markets.

Sabre/Farelogix

The first of these cases involved the DOJ’s effort to block a merger. Sabre was seeking to acquire Farelogix, its competitor in offering booking services to airlines. Sabre operates a two-sided transaction platform that connects airlines to travel agencies (or travelers) for the sale of tickets and other services. Farelogix provides IT solutions to airlines that are used to sell tickets to travel agencies (or travelers).

The DOJ concluded that the deal would harm competition. It believed that Farelogix acted as a competitive constraint on Sabre to the extent that it provided an alternative for airlines that rely on such third-party services to sell tickets to travel agencies and end customers. The evidence at trial—including company documents and testimony from airlines—showed that the two viewed each other as competitors and that some airlines were able to use this to seek lower commission fees from Sabre. The court hearing the case found that “it is logical to conclude that part of Sabre’s interest in acquiring Farelogix is to mitigate the risk” resulting from the fact that its technology enables airlines to bypass Sabre’s transaction platform.4

Nevertheless, the court ruled that the DOJ failed to meet its burden of proof to “show that this purchase will harm competition on both sides of the two-sided market” for travel services provided to airlines and travel agencies. Citing the American Express decision, the court said: “As a matter of antitrust law, Sabre, a two-sided transaction platform, only competes with other two-sided platforms, but Farelogix only operates on the airline side of Sabre’s platform.” Therefore, it was not enough to prove that the merger would harm competition on only the one side of the two-sided market that Farelogix is active on.

And so despite the extensive evidence of competition between the companies, the court had to conclude that, as a matter of law, “Sabre and Farelogix do not compete in a relevant market.” To succeed in blocking the merger, the DOJ would have had to “produce evidence that the anticompetitive impact of the merger on the airline side of the [transaction] platform would be so substantial that it would sufficiently reverberate throughout the [platform] to such an extent as to make the two-sided [transaction] platform market, overall, less competitive.”

Qualcomm

The second case that shows how American Express left its mark on antitrust is a monopolization (abuse of a dominant position) case brought by the Federal Trade Commission against Qualcomm. The case involved modem chips used in smart phones. Qualcomm made the chips, but it also held important patents for the technology. Rival chip makers licensed that technology from Qualcomm to produce their own competing chips.

The FTC alleged that Qualcomm had abused a dominant market position when it refused to sell its chips to smartphone manufacturers unless they also entered into a patent license (which required making a royalty payment) for any chips that they acquired from not only Qualcomm but also any of its rival chip makers. This practice, the FTC argued, imposed an anti-competitive surcharge on rivals’ chips which raised the barriers for competing with Qualcomm. This, in turn, hurt the phone manufacturers by inflating the price they paid for chips.

The court hearing the case in the first instance agreed, and ruled for the FTC. But an appeals court overturned the decision. On the main antitrust theory of the case, the appeals court reasoned that the FTC had failed to prove that Qualcomm’s “no license, no chip” policy harmed the “area of effective competition.”5 Although its evidence had shown how the policy could have increased costs for Qualcomm customers (phone makers) who buy the chips, it had not shown how the policy harmed competition by directly impacting Qualcomm competitors (rival chip makers). It pointed to the ruling in American Express that the DOJ in that case had failed to meet its burden of proof because it did not show how restrictions imposed on merchants “have anticompetitive effects that harm consumers” (italics my own).

The analogy to the Qualcomm case seems to have been that the FTC needed to connect all the dots—customers and competitors alike—in proving anticompetitive effects. Showing that the “all-in” (royalty plus sales) price charged to customers might have been inflated by Qualcomm’s licensing practices was not enough because it “falls outside the relevant antitrust markets” at issue.

Down the competitive effects rabbit hole

The *American Express*, *Sabre/Farelogix* and *Qualcomm* cases share three traits in common that show how the half-century transformation of antitrust into an Economism-driven, predictive framework is undermining enforcement, especially in tech markets.

First, the cases show how the government agencies bringing an antitrust case and the courts rendering the decisions in them must undertake a massive burden. They have to dissect the inner workings of a market and then make predictions or conjectures about actual competitive effects in the market that result from the conduct at issue. In American Express and Sabre/Farelogix, it was proving lower output and higher overall “net” (or “two-sided”) prices on multi-sided transaction platforms. In *Qualcomm*, it meant proving “an anticompetitive surcharge on rivals’ modem chip sales” by directly linking up proof of harm to customers with proof of hindering competitors.

In all three instances, the burden imposed by the courts for proving these so-called “actual anticompetitive effects” was simply too high for the government to meet. *Qualcomm* arguably went even further in raising the evidentiary bar for tech cases. The influential appeals court issuing that decision went so far as to declare that “novel business practices—especially in technology markets—should not be ‘conclusively presumed to be unreasonable and therefore illegal without elaborate inquiry as to the precise harm they have caused or the business excuse for their use’” (italics my own). Requiring “elaborate” and “precise” proof would seem to doom all but the slam-dunk government actions against tech.

Second, the trio of cases shows how proof of actual anticompetitive effects depends heavily on economic theory and models. The Supreme Court sets the pace in American Express by relying entirely on a string of academic articles by economists—citing nothing from the fact record of the case before it—to construct its “two-sided transaction platform” market and reach the critical conclusion that “[e]valuating both sides of a two-sided transaction platform is [] necessary to accurately assess competition.”

Sabre/Farelogix picks up the baton and runs with it, relying on that theory-based legal holding in American Express to ignore an exhaustive factual record of company documents, executive testimony, and third-party complaints showing close competition between the merging companies. Qualcomm then carries the baton across the finish line when it frames the case with a skepticism of “novel” theories of competitive harm by citing blanket assertions in two academic article about how antitrust cases of technology markets skew towards over-enforcement.6 When it comes to economic theory and a predictive antitrust that requires proof of actual anticompetitive effects, the tail wags the dog.

Third, these three cases rest on a critical assumption—arguably bordering on a blind faith—that economics is up to the task of proving actual competitive effects. Baked into the courts’ reasoning is that economics can be used to understand and predict complex market environments that change in real-time in often unexpected ways. Yet, as discussed in my recent article, it has yet to be empirically proven—or seriously tested—that economics can perform the sort of analyses and predictions that would justify its having become the foundational underpinning of the enforcement of the antitrust laws. If anything, real-world experience in competition law practice combined with general research on uncertainty and decision-making suggest that expert judgments are poor predictors in complex environments like those at issue in antitrust cases.

And as they push antitrust further down an Economism-driven path, the courts provide little guidance on how plaintiffs are to meet their super-sized burden for proving actual anticompetitive effects. In American Express and Sabre/Farelogix, the government’s case is thrown out because it failed to prove an increase in the “net” or “two-sided” prices on a multi-sided transaction platform. But such a thing exists only as a figment of a court’s imagination. It does not exist in the real world. No one pays it, and no one charges it. And it’s unclear how an antitrust plaintiff is to go about the precarious exercise of weighing benefits to one side of a market against the harms to another. In American Express, for example, would it mean weighing the swipe fees charged to merchants against the rewards points earned by shoppers? In the absence of any guidance, it can safely be assumed that economic theories and models are expected to conjure such “net” prices into existence.

The trio of cases, therefore, reflects and even propels a broader trend that has eviscerated antitrust enforcement—especially in tech—by erecting high barriers for plaintiffs to prove actual anticompetitive effects using dubious economic tools.

A modern antitrust in peril

With the Sabre/Farelogix and Qualcomm cases, the American Express decision has rounded out its influence on the three main pillars of US antitrust law: mergers, monopolization, and contracts in restraint of trade.

None of the three cases sets out groundbreaking new law. Their significance lies rather in accelerating a trend, half of a century in the making, among policymakers, academics, and judges to require antitrust plaintiffs to take on an ever-increasing burden of proof in using economic tools to show how market conduct harms competition. Each such case is an individual brick in a rising wall—reaching its tallest heights in tech markets that are especially difficult to understand and predict—that plaintiffs must scale to bring a successful antitrust case.

The consequence is not just an intellectual failing about humankind’s ability to make accurate predictions in unpredictable markets. It also means lax antitrust enforcement and the mass-consolidation of economic power across the economy.

#### Platform misuse enables a host of bad practices—undermines cyber security

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(Maurice, “Here Are All the Reasons It’s a Bad Idea to Let a Few Tech Companies Monopolize Our Data,” <https://hbr.org/2018/03/here-are-all-the-reasons-its-a-bad-idea-to-let-a-few-tech-companies-monopolize-our-data>)

So, the divergence in antitrust enforcement may reflect differences over these data-opolies’ perceived harms. Ordinarily the harm from monopolies are higher prices, less output, or reduced quality. It superficially appears that data-opolies pose little, if any risk, of these harms. Unlike some pharmaceuticals, data-opolies do not charge consumers exorbitant prices. Most of Google’s and Facebook’s consumer products are ostensibly “free.” The data-opolies’ scale can also mean higher quality products. The more people use a particular search engine, the more the search engine’s algorithm can learn users’ preferences, the more relevant the search results will likely be, which in turn will likely attract others to the search engine, and the positive feedback continues. As Robert Bork argued, there “is no coherent case for monopolization because a search engine, like Google, is free to consumers and they can switch to an alternative search engine with a click.” How Data-opolies Harm But higher prices are not the only way for powerful companies to harm their consumers or the rest of society. Upon closer examination, data-opolies can pose at least eight potential harms. Lower-quality products with less privacy. Companies, antitrust authorities increasingly recognize, can compete on privacy and protecting data. But without competition, data-opolies face less pressure. They can depress privacy protection below competitive levels and collect personal data above competitive levels. The collection of too much personal data can be the equivalent of charging an excessive price. Data-opolies can also fail to disclose what data they collect and how they will use the data. They face little competitive pressure to change their opaque privacy policies. Even if a data-opoly improves its privacy statement, so what? The current notice-and-consent regime is meaningless when there are no viable competitive alternatives and the bargaining power is so unequal. Surveillance and security risks. In a monopolized market, personal data is concentrated in a few firms. Consumers have limited outside options that offer better privacy protection. This raises additional risks, including: Government capture. The fewer the number of firms controlling the personal data, the greater the potential risk that a government will “capture” the firm. Companies need things from government; governments often want access to data. When there are only a few firms, this can increase the likelihood of companies secretly cooperating with the government to provide access to data. China, for example, relies on its data-opolies to better monitor its population. Covert surveillance. Even if the government cannot capture a data-opoly, its rich data-trove increases a government’s incentive to circumvent the data-opoly’s privacy protections to tap into the personal data. Even if the government can’t strike a deal to access the data directly, it may be able to do so covertly. Implications of a data policy violation/security breach. Data-opolies have greater incentives to prevent a breach than do typical firms. But with more personal data concentrated in fewer companies, hackers, marketers, political consultants, among others, have even greater incentives to find ways to circumvent or breach the dominant firm’s security measures. The concentration of data means that if one of them is breached, the harm done could be orders of magnitude greater than with a normal company. While consumers may be outraged, a dominant firm has less reason to worry of consumers’ switching to rivals. Wealth transfer to data-opolies. Even when their products and services are ostensibly “free,” data-opolies can extract significant wealth in several ways that they otherwise couldn’t in a competitive market: First, data-opolies can extract wealth by getting personal data without having to pay for the data’s fair market value. The personal data collected may be worth far more than the cost of providing the “free” service. The fact that the service is “free” does not mean we are fairly compensated for our data. Thus, data-opolies have a strong economic incentive to maintain the status quo, in which users, as the MIT Technology Review put it, “have little idea how much personal data they have provided, how it is used, and what it is worth.” If the public knew, and if they had viable alternatives, they might hold out for compensation. Second, something similar can happen but with the content users create. Data-opolies can extract wealth by getting creative content from users for free. In a competitive market, users could conceivably demand compensation not only for their data but also their contributions to YouTube and Facebook. With no viable alternatives, they cannot. Third, data-opolies can extract wealth from sellers upstream. One example is when data-opolies scrape valuable content from photographers, authors, musicians, and other websites and post it on their own platform. In this case, the wealth of the data-opolies comes at the expense of other businesses in their value chain. Fourth, data-opolies can extract our wealth indirectly, when their higher advertising fees are passed along in the prices for the advertised goods and services. If the data-opolies faced more competitors for their advertising services, ads could cost even less — and therefore so might the products being advertised. Finally, data-opolies can extract wealth from both sellers upstream and consumers downstream by facilitating or engaging in “behavioral discrimination,” a form of price discrimination based on past behavior — like, say, your internet browsing. They can use the personal data to get people to buy things they did not necessarily want at the highest price they are willing to pay. As data-opolies expand their platforms to digital personal assistants, the Internet of Things, and smart technologies, the concern is that their data advantage will increase their competitive advantage and market power. As a result, the data-opolies’ monopoly profits will likely increase, at our expense. Loss of trust. Market economies rely on trust. For online markets to deliver their benefits, people must trust firms and their use of the personal data. But as technology evolves and more personal data is collected, we are increasingly aware that a few powerful firms are using our personal information for their own benefit, not ours. When data-opolies degrade privacy protections below competitive levels, some consumers will choose not “to share their data, to limit their data sharing with companies, or even to lie when providing information,” as the UK’s Competition and Markets Authority put it. Consumers may forgo the data-opolies’ services, which they otherwise would have used if privacy competition were robust. This loss would represent what economists call a deadweight welfare loss. In other words, as distrust increases, society overall becomes worse off. Significant costs on third parties. Additionally, data-opolies that control a key platform, like a mobile phone operating system, can cheaply exclude rivals by: steering users and advertisers to their own products and services to the detriment of rival sellers on the platform (and contrary to consumers’ wishes) degrading an independent app’s functionality reducing traffic to an independent app by making it harder to find on its search engine or app store Data-opolies can also impose costs on companies seeking to protect our privacy interests. My book with Ariel Ezrachi, Virtual Competition, discusses, for example, Google’s kicking the privacy app Disconnect out of its Android app store. Less innovation in markets dominated by data-opolies. Data-opolies can chill innovation with a weapon that earlier monopolies lacked. Allen Grunes and I call it the “now-casting radar.” Our book Big Data and Competition Policy explores how some platforms have a relative advantage in accessing and analyzing data to discern consumer trends well before others. Data-opolies can use their relative advantage to see what products or services are becoming more popular. With their now-casting radar, data-opolies can acquire or squelch these nascent competitive threats. Social and moral concerns. Historically, antitrust has also been concerned with how monopolies can hinder individual autonomy. Data-opolies can also hurt individual autonomy. To start with, they can direct (and limit) opportunities for startups that subsist on their super-platform. This includes third-party sellers that rely on Amazon’s platform to reach consumers, newspapers and journalists that depend on Facebook and Google to reach younger readers, and, as the European Commission’s Google Shopping Case explores, companies that depend on traffic from Google’s search engine. But the autonomy concerns go beyond the constellation of app developers, sellers, journalists, musicians, writers, photographers, and artists dependent on the data-opoly to reach users. Every individual’s autonomy is at stake. In January, the hedge fund Jana Partners joined the California State Teachers’ Retirement pension fund to demand that Apple do more to address the effects of its devices on children. As The Economist noted, “You know you are in trouble if a Wall Street firm is lecturing you about morality.” The concern is that the data-opolies’ products are purposefully addictive, and thereby eroding individuals’ ability to make free choices. There is an interesting counterargument that’s worth noting, based on the interplay between monopoly power and competition. On the one hand, in monopolized markets, consumers have fewer competitive options. So, arguably, there is less need to addict them. On the other hand, data-opolies, like Facebook and Google, even without significant rivals, can increase profits by increasing our engagement with their products. So, data-opolies can have an incentive to exploit behavioral biases and imperfect willpower to addict users — whether watching YouTube videos or posting on Instagram. Political concerns. Economic power often translates into political power. Unlike earlier monopolies, data-opolies, given how they interact with individuals, possess a more powerful tool: namely, the ability to affect the public debate and our perception of right and wrong. Many people now receive their news from social media platforms. But the news isn’t just passively transmitted. Data-opolies can affect how we feel and think. Facebook, for example, in an “emotional contagion” study, manipulated 689,003 users’ emotions by altering their news feed. Other risks of this sort include: Bias. In filtering the information we receive based on our preferences, data-opolies can reduce the viewpoints we receive, thereby leading to “echo chambers” and “filter bubbles.” Censorship. Data-opolies, through their platform, can control or block content that users receive, and enforce governmental censorship of political or religious information. Manipulation. Data-opolies can promote stories that further their particular business or political interests, instead of their relevance or quality. Limiting the Power of Data-opolies Upon closer examination, data-opolies can actually be more dangerous than traditional monopolies. They can affect not only our wallets but our privacy, autonomy, democracy, and well-being. Markets dominated by these data-opolies will not necessarily self-correct. Network effects, high switching costs for consumers (given the lack of data portability and user rights over their data), and weak privacy protection help data-opolies maintain their dominance. Luckily, global antitrust enforcement can help. The Reagan administration, in espousing the then-popular Chicago School of economics beliefs, discounted concerns over monopolies. The Supreme Court, relying on faulty economic reasoning, surmised that charging monopoly prices was “an important element of the free market system.” With the rise of a progressive, anti-monopoly New Brandeis School, the pendulum is swinging the other way. Given the emergence of data-opolies, this is a welcomed change.

#### Platform monopoly ensures any breach cascades, collapses society

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1. Risk of data breaches. A security breach of any of the digital monopolies could result in Exabytes of users’ most vulnerable information being publicly exposed (7). Besides the risk of irreparable damage to people’s reputation, private lives, and identity (as in, e.g., the “Ashley Madison” case (8)), such a breach could result in unprecedented damage to our economy (as in, e.g., the “Sony Pictures” case (9)) and our political standing (as in, e.g., “Wikileaks Cablegate” (10)). Importantly, a security collapse of that nature might only be the start of a series of follow-up breaches. A hack of Google’s Gmail, for example, could allow the perpetrators to obtain a user’s bank account password through the “forgot password” functionality, and ultimately lead to a collapse of businesses and industries (e.g. banking, taxation, weapon silos, etc.). Compared to what was deemed a “too big to fail” state when a handful of banks collapsed in 2008, such a crisis could be unparalleled. Although the digital monopolies employ talented security teams to prevent such hacks, the public has no guarantee that a skillfully deployed attack (e.g., by another nation-state, powerful underground organization, or simply a disgruntled employee) would not be successful. Even with the best efforts of the digital monopolies—which often heavily depend on the priorities of high-ranking leaders in the organization—societies should hence operate under the assumption that the data held by the digital monopolies could be leaked at any point in time.

#### Platform monopoly allows attackers to zap critical infrastructure in one hit—competition key

Geer et al., PhD, Chief Technology Officer and co-founder of AtStake, 03

(Daniel, Rebecca Bace, Peter Gutmann, Perry Metzger, Charles P. Pfleeger, John S. Quarterman, Bruce Schneier, CyberInsecurity: The Cost of Monopoly, <https://cryptome.org/cyberinsecurity.htm>)

Computing is crucial to the infrastructure of advanced countries. Yet, as fast as the world's computing infrastructure is growing, security vulnerabilities within it are growing faster still. The security situation is deteriorating, and that deterioration compounds when nearly all computers in the hands of end users rely on a single operating system subject to the same vulnerabilities the world over.

Most of the world’s computers run Microsoft’s operating systems, thus most of the world’s computers are vulnerable to the same viruses and worms at the same time. The only way to stop this is to avoid monoculture in computer operating systems, and for reasons just as reasonable and obvious as avoiding monoculture in farming. Microsoft exacerbates this problem via a wide range of practices that lock users to its platform.

The impact on security of this lock-in is real and endangers society. Because Microsoft's near-monopoly status itself magnifies security risk, it is essential that society become less dependent on a single operating system from a single vendor if our critical infrastructure is not to be disrupted in a single blow. The goal must be to break the monoculture. Efforts by Microsoft to improve security will fail if their side effect is to increase user-level lock-in. Microsoft must not be allowed to impose new restrictions on its customers – imposed in the way only a monopoly can do – and then claim that such exercise of monopoly power is somehow a solution to the security problems inherent in its products. The prevalence of security flaw in Microsoft’s products is an effect of monopoly power; it must not be allowed to become a reinforcer.

Governments must set an example with their own internal policies and with the regulations they impose on industries critical to their societies. They must confront the security effects of monopoly and acknowledge that competition policy is entangled with security policy from this point forward.

#### Ensures cyberattacks go nuclear

Sagan and Weiner ’21 – Stanford Professors [Scott D.; Caroline S.G. Monroe professor of political science and senior fellow at the Center for International Security and the Freeman Spogli Institute at Stanford University; Allen S.; senior lecturer in law and director of the program in international and comparative law at Stanford Law School; 7-9-2021; "The U.S. says it can answer cyberattacks with nuclear weapons. That’s lunacy."; The Washington Post; https://www.washingtonpost.com/outlook/2021/07/09/cyberattack-ransomware-nuclear-war/; accessed 8-15-2021]

Over the July 4 weekend, the Russian-based cybercriminal organization REvil claimed credit for hacking into as many as 1,500 companies in what has been called the largest ransomware attack to date. In May, another cybercriminal group, DarkSide, also apparently located mainly in Russia, shut down most of the operations of Colonial Pipeline, which supplies nearly half the diesel, gasoline and other fuels used on the East Coast — setting off a round of panic buying that ended only when the company handed over a ransom. These incidents were bad enough. But imagine a much worse cyberattack, one that not only disabled pipelines but turned off the power at hundreds of U.S. hospitals, wreaked havoc on air-traffic-control systems and shut down the electrical grid in major cities in the dead of winter. The grisly cost might be counted not just in lost dollars but in the deaths of many thousands of people.

Under current U.S. nuclear doctrine, developed during the Trump administration, the president would be given the military option to launch nuclear weapons at Russia, China or North Korea if that country was determined to be behind such an attack.

That’s because in 2018, the Trump administration expanded the role of nuclear weapons by declaring for the first time that the United States would consider nuclear retaliation in the case of “significant non-nuclear strategic attacks,” including “attacks on the U.S., allied, or partner civilian population or infrastructure.” The same principle could also be used to justify a nuclear response to a devastating biological weapons strike.

But our analysis suggests that using nuclear weapons in response to biological or cyberattacks would be illegal under international law in virtually all circumstances. Threatening an illegal nuclear response weakens deterrence because the threat lacks inherent credibility. Perversely, this policy could also wind up committing a president to a nuclear attack if deterrence fails. While the American public would indeed be likely to want vengeance after a destructive enemy assault, the law of armed conflict requires that some military options be taken off the table. Nuclear retaliation for “significant non-nuclear strategic attacks” is one of them.

The Biden administration is now conducting its own review of the U.S. nuclear posture. The 2018 Trump change is an urgent candidate for reevaluation, but people have generally ignored it up to now. As officials work on this process, they have the chance to take full account of what could be called the “nuclear law revolution” — a growing recognition that international-law restrictions on warfare, and especially those that protect civilians, apply even to nuclear war.

#### Overreaction to attacks is guaranteed – the DOD is itching to use force

Wolff 13 – PhD candidate in the Engineering Systems Division at Massachusetts Institute of Technology studying cybersecurity and Internet policy

Josephine Wolff, “How Would the U.S. Respond to a Nightmare Cyber Attack?,” Scientific American, July 2013, https://www.scientificamerican.com/article/how-would-us-respond-nightmare-cyber-attack/

At the Atlantic Council’s event, there was a strong sense that a successful cyber attack on U.S. critical infrastructure is inevitable. There’s also a pervasive fear that when (or if) such an attack occurs, the U.S. is primed to overreact. Department of Defense announcements that they intend to view cyber attacks as “acts of war” suggest a military force nearly itching to flex its muscle in response to a serious computer network–based disruption, if only as a means of deterrence. Cybersecurity professionals—not to mention students hoping to work in the field someday—can also have an incentive to trumpet the threat of cyber attack that at times may heighten the risk of overreaction. At least five times over the course of the daylong cyber challenge, we were reminded by presiding officials how crucially important the work we’re doing is, and how desperately the country needs people like us.

Concerns about overreaction and the use of military force in response to digital intrusions often lead to discussions about the difficulty surrounding definitive attribution of these types of attack. If you want to retaliate, how do you know whom to hit? In our exercise intelligence pointed to Russia, but the evidence wasn’t clear-cut.

Most teams urged against retaliating in kind with a comparable cyber attack or to exercising traditional military power. Cobalt was not devastating, and Russia was not clearly the culprit. Several groups advocated diplomatic engagement, echoing the approach taken by the actual U.S. government just one week earlier during the informal summit between President Obama and Chinese leader Xi Jinping in Rancho Mirage, Calif., where cyber espionage was among the topics discussed.

But, again, espionage is not the nightmare scenario—nor is the shutdown of 13 oil refineries. Still, halfway through the student competition in Washington, D.C., when the scenario was updated with new (fake) intelligence indicating a severe escalation of the Cobalt situation, policy recommendations began to veer more toward displays of cyber and physical force by the U.S. military.

The update was alarming: three oil pipelines in the Gulf coast region had been shut down, following malfunctions, and several other pipelines in the region were taken off-line to search for Cobalt infections. Meanwhile, supervisory control and data acquisition system vendors in the U.S. and Germany were experiencing a distributed denial-of-service (DDoS) attack, and several terminals and servers in Russia had been identified as responsible for both the DDoS attacks and activation of the Cobalt malware. The stock market was dropping like a rock, and several private sector firms appeared poised to carry out their own form of vigilante retaliation against Russia by trying to identify and penetrate or cut off the responsible parties’ servers and networks.

The teams had to come up with a response to this escalation within hours. The time pressure was intense, and as the situation grew more serious, the consensus for diplomatic engagement dissolved. The 19 groups suddenly diverged considerably about what the proper response should be. The 65 students, all in their mid- to late 20s, wearing business suits and military uniforms, filled every open classroom in the American University’s School of International Service, whispering feverishly about whether the U.S. should launch a DDoS attack of its own, bomb the Kremlin, invoke Article 5 of NATO to set in motion a collective defense by U.S. allies, or to authorize the members of the private sector to exact their own revenge by working among themselves to shut off connectivity to pieces of the network carrying malicious traffic or to infiltrate or flood the responsible servers.

What does this say about how the U.S. government would respond to such a situation? The recent cases of high-volume espionage of China, which are considerably less intrusive than the fictional Cobalt attacks, don’t give us much to go on. Would the U.S. stick to diplomacy or turn bellicose?

The more important question is how well prepared will the U.S. be if and when an attack comes? Considering how a cyber attack would play out in the heat of the moment may be more exciting than the reality, because by the time an attack occurs many of the options may be practically preordained by the security controls we have in place. Preparation determines the quality, agility and sophistication of answers to mundane but important questions: What kinds of security standards are in place for critical infrastructure networks? Who sets them? Who enforces them? What threat information do companies and government agencies share with one another? How do they share this data—and how quickly? The ability to answer these questions will ultimately determine the impact of a large-scale, sophisticated computer network breach. And because the Pentagon has asserted that its response will be commensurate to the impact of an attack, rather than the means, how effectively we prepare will play a major role in influencing what our response ultimately looks like.

We may soon know what the U.S. government would do. Many people in the field are expecting to see a major breach soon. As former CIA and NSA director Michael Hayden predicted in his keynote remarks to the students at the cyber challenge, “By the time you do this next year, you won’t have to be so imaginative in creating the scenario.”

#### Removing Amex’s special rule for platforms solves – leads to a strong rule of reason approach

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(Erik, “Platform Antitrust,” 44 J. Corp. L. 713)

That is no longer the case, however, as the Supreme Court recently confronted platform commerce head-on in AmEx 111.13 In June of 2018, the Court issued its first decision on how antitrust's rule of reason 14 is to be applied in cases involving platform defendants. 15 It was superficially a question of how to define the "relevant market" for purposes of an antitrust adjudication. 1 6 In particular, the question was whether the market definition must include both groups of users, which would require a plaintiff to prove a net injury to competition across both user groups-not just to win on the merits, but simply to carry its initial burden. The Supreme Court held that it does. 17

Most of the important complexities arising under two-sided competition center on the juxtaposition of countervailing effects-that is, pro and anticompetitive effects-arising within the separate sides of the market. In fact, even outside the platform context, such a juxtaposition of plausible effects is very common in antitrust disputes. And the rule of reason ordinarily divides the burdens of establishing them; it bifurcates them into separate stages, delaying the need for potential balancing or "netting out" of the effects (which is notoriously difficult) until the final stage of the adjudication. By evaluating the effects carefully and independently, a court is better equipped to determine whether such balancing is genuinely necessary; and, if so, the court is at least in a better position to compare the relevant effects. However, the Court's AmEx III decision largely abandoned this burdenshifting framework, effectively collapsing the entire rule of reason analysis-and all of its intermediate inquiries-into the plaintiffs initial burden.

Whether or not one agrees with its holding, the AmEx III decision is inarguably a watershed moment for platform antitrust. Against this backdrop, this Article considers how antitrust ought to accommodate the distinctive features of platforms and platform competition. It focuses principally on conduct evaluated under the rule of reason, 18 with emphasis on vertical restraints and unilateral conduct. 19 The analysis is organized as follows: I begin by providing an overview of the distinctive features of platforms and platform competition, as reflected within the platform economics literature. Part III then explains how such factors may bear on the analysis of various restrictive practices that are already familiar within antitrust, but whose effects may become more or less concerning when undertaken by two-sided defendants. In Part IV, I address the economic effects of an important category of restraints that are unique to platform markets. Finally, Part V turns to the broad question of law that was at issue in AmEx III.

One of the important competitive dynamics arising in platform markets is known as "steering." 21 This refers to any efforts aimed at inducing users to opt for one platform over another. The restraint at issue in AmEx IIIwas an example of this: it prohibits its merchants from offering AmEx cardholders a better price at checkout if they agree to switch to an alternative card (e.g. Visa), since competing cards generally charge lower network usage fees to merchants. 22 But, more generally, steering restraints take many different forms, and arise in many platform markets. 3 In general, steering strategies are usually procompetitive, as they typically act as a vehicle for price competition among rival platforms. Restraints on steering should therefore be regarded as a potential source of serious antitrust concerns. However, as discussed in detail in Part III, many research articles suggest that such restraints may be necessary to maintain adequate participation, and thus regard their welfare effects as highly ambiguous. 24 The AmEx III opinion cites these commentaries copiously. Importantly, however, these arguments stem primarily from economic models involving a platform monopolist, with the operative restraint merely precluding efforts to steer users toward a nonpla'fform alternative (e.g. toward cash rather than using a monopolist's payment card platform). 25 But this is not a good representation of how such restraints usually operate in real-world commerce. In practice, most of the relevant restraints seek to prevent steering toward competing platforms, rather than a nonplatform alternative that lacks the same transactional efficiencies.

As I argue below, when a restraint merely prevents steering toward competing platforms, there is substantially less reason to presume that it might be justified for reasons relating to the market's two-sidedness. Instead, the more likely result is simply that it prevents users from switching to rival platforms that would provide them with better jointvalue. That would suggest the restraint does not enhance the market-wide volume of trade. Rather, at best, it merely reallocates transactions among platforms, albeit in a way that leaves transacting parties with diminished welfare on average. At worst, it affirmatively reduces the overall volume of trade by undermining price competition generally. This can occur for two reasons. First, the restraint may extinguish rival platforms' incentive to make competitive price offerings, as it may prevent transacting parties from switching to the competitor's platform in response to its price cut. Second, the restraint may induce sellers who transact over the platform to set higher retail prices for their own wares, which injures all consumers, whether or not they take advantage of the platform's transaction service.

The question of law addressed in AmEx III is extremely broad in scope, as it bears on the application of antitrust law to all kinds of restrictive practices that might be undertaken by transaction platforms. As noted above, while facially a holding about market definition, the Supreme Court's decision is in fact a major alteration of the rule of reason's burden shifting framework. The Court's analysis was guided principally by a number of antitrust academics that focus most of their attention on a simple point-in effect that "both sides matter," and that it would be inappropriate to focus on one side myopically. 26 While correct, this point was actually never in dispute. Even the district court, whose market definition was formally limited to the merchant side of the market, 27 expressly emphasized the importance of accounting for the market's two-sidedness. 28 Indeed, its analysis gives substantial attention to cardholders, and it even concluded that they were likely injured in addition to merchants. 2 9 Despite this, the AmEx III majority chastised the district court's approach as "looking at only one side of the platform in isolation."' 30

It is indeed true that a platform's conduct may have countervailing effects within the two sides, and that this requires courts to take the market's two-sidedness into account. 31 But it does not follow that the appropriate way to deal with this is to require a plaintiff to "net out" all such considerations merely in order to support its prima facie case-before the defendant has substantiated its asserted efficiency defense. This approach is also a substantial deviation from precedent. Most difficult cases evaluated under the rule of reason involve potential countervailing pro- and anticompetitive effects. 32 And the courts developed a multi-stage burden shifting framework precisely to deal with this difficulty. By construction, this framework contemplates that a plaintiff can carry its initial burden without having shown that the defendant's conduct is definitively anticompetitive on the whole; that is why it is merely the first stage among several.

Far from providing any necessary reform, the AmEx III decision merely developed a "law of the horse": a needless construction of new legal principles when the old ones would do just fine (and likely much better).33 It is true that platform economics has important implications for antitrust policy and practice; this Article gives substantial attention to that fact. But such considerations can already be accounted for-both more practicably and more reliably-within the rule of reason's existing structure. To that end, a much better approach would be to maintain careful consideration of platform economics throughout the established burden shifting framework, which is designed to work through complex cases in incremental steps and to cast light on countervailing effects through an efficient allocation of burdens.

#### This is the least intrusive mechanism—it only punishes bad practices and allows innovative conduct to continue

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(Herbert, “Antitrust and Platform Monopoly,” 130 Yale L.J. 1952)

A common complaint about antitrust is that it is costly and slow. While both observations ring true, the social cost of fact-intensive decision making is much less than that of making incorrect decisions that can affect millions of consumers, employees, and other constituents. Antitrust is a litigation-driven enterprise that requires decisionmakers to focus on the specific practices and assets before them. Unlike legislative regulation, antitrust does not group classes of industries together for common treatment, but that also means it is less susceptible to regulatory capture.

Nevertheless, antitrust can be subject to interest-group biases. Consumer welfare is a public good. Consumers are numerous, heterogenous, and for the most part, poorly organized. By contrast, firms who profit from underenforcement are much fewer and more unitary in their goals. Individually, the stakes firms have in the preservation of monopoly are far higher than the individual gains that accrue from competition, even though consumers’ aggregate gains are much larger, particularly when those of labor are included.435

Antitrust today suffers from an antienforcement bias that is scientifically obsolete and produces too many false negatives. This will hopefully pass as courts become more familiar with the economics of digital platforms and networks. Decisions such as Amex in the Supreme Court and Qualcomm in the Ninth Circuit indicate that development still has far to go. The rule of reason in particular has become much too burdensome for plaintiffs. Antitrust policy would perform better if plaintiffs had a lighter burden in establishing a prima facie case, with a heavier answering burden on defendants, who typically have better control of the relevant facts.436

Antitrust’s fact-specific, individual approach to intervention is usually superior to regulation. A few problems, such as management of consumer information, cut across all markets and regulation can be effective. Most other failures are specific to the firm, however. Calls for categorical treatment often amount to regulation by another name. It is easy to speak universally about these markets as winner-take-all, as having high barriers to entry, or as unnecessarily harmful to competitors or consumers. An example is broad statements of the nature that the big digital platforms must be broken up. These overly generalized conclusions frustrate rather than further reasonable competitive analysis. Platforms differ from one another by almost as wide a range as firms differ in general.

Market-power inquiries in cases involving platforms do produce some unique factual issues. When market power is assessed by conventional marketshare methods, a single relevant market should be defined with reference to one side. Effects on the other side must be considered to the extent that they strengthen or weaken any inference to be drawn from market shares. Direct economic measures will usually produce better results, although effects on the other side of two-sided platforms must be considered even when power is measured directly. Finally, the threat of competitive harm in networked markets can occur at lower market shares than the level required in conventional markets.

Antitrust’s fact-specific approach is also essential for the construction of appropriate remedies. The goal of a remedy should be consistent with the output-expanding goals of the antitrust laws themselves. Simple injunctions should always be considered. Often they can correct discrete problems while doing little to no damage to the efficiency and integrity of the firm or the market in which it operates. In addition, results are typically easier to predict.

As the long history of antitrust shows, breaking apart assets can be dangerous because it threatens losses of beneficial economies of scale or scope. Other approaches with more promise include the restructuring of management rather than assets, or else mandated interoperability or pooling. Restructuring management can enable firms to function more competitively by treating their internal decision making as a market that is itself reachable under the antitrust laws. In appropriate cases, interoperability can expand the range of beneficial network effects while doing no harm to the firm’s internal efficiencies.

Competition problems in digital platforms present some novel challenges, but most are within reach of antitrust law’s capacity to handle them. The courts and other antitrust policy makers should treat digital platforms for what they are—firms that have unique features, but not so unique that we must abandon what we know about competition in high-technology, product-differentiated markets.

#### Which creates clear, enforceable guidelines

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(Kaj, “How tech forces a reckoning with prediction-based antitrust enforcement,” August 31, <https://techlawdecoded.com/how-tech-forces-a-reckoning-with-prediction-based-antitrust-enforcement/>)

Such a framework for monopolization claims could also draw from case law experience with “unreasonable restraints of trade”, which are collusive agreements among competitors that are subject to another subset of the antitrust laws. Certain such agreements are treated as so pernicious as to render them strictly “per se” illegal (unlawful without any regard for their actual competitive effects), and others as so benign as to subject them to a highly permissive “rule of reason” (usually lawful under a full-blown competitive effects analysis). But a “truncated” rule of reason lying in a Goldilocks middle between these two extremes causes certain agreements to be presumed unlawful without delving into its actual competitive effects, while still allowing the parties to the agreement to rebut that presumption with adequate proof. This framework could be roughly imported into a presumption-based structuralist approach to monopolization cases.

One major hurdle for monopolization cases under the new framework would be in determining whether, in a particular case, the monopolist has engaged in a preset category of problematic conduct. This would not always be obvious (a lesson learned from courts grappling with when to apply the truncated rule of reason in restraints of trade cases). But in keeping with the goal of a simple, formulaic approach that avoids slipping into the competitive effects quagmire, an objective screen could be used. This screen would look at certain nonpredictive indicators—market conditions or circumstances present and not present—which would function as a checklist or be summed up to formulaically determine whether the monopolist’s conduct falls within the pre-determined list of presumptively unlawful activities.

Fine-tuning the proper aims of a nonpredictive antitrust

Although the proposed frameworks for monopolization and merger cases differ in some ways, both rely on an objectively-determined presumption of unlawfulness on the front-end which pushes any Economism-based, predictive analysis of actual competitive effects to the back-end, where the opposing party faces a high evidentiary burden for rebuttal.

This approach, while seeking to minimize the role of subjective judgment in antitrust decisions, does not eliminate it, which means still having to grapple with the issue of what the proper aim of antitrust ought to be. In either the merger or monopolization context, the presumption (whether facing the party bringing the case or the one defending it) can be rebutted with sufficient proof regarding actual competitive effects. Naturally, a question therefore arises about what types of effects are fair game for argument.

As discussed above, the current consumer welfare approach which focuses entirely on prices and output ignores various harmful effects from the concentration of economic power that would seem otherwise within the reach of antitrust laws. But how much broader ought the goals of antitrust be under the new proposed enforcement frameworks? Harm to competitors (exclusion), laborers (wage suppression), and suppliers (price squeezes) might be the low hanging fruit for inclusion in a broader welfare standard. The same might be said of loss of redundancies in the supply chain, or consolidation of control over user data. Harm to the environment and concentration of political power may be tougher to incorporate. While hate speech and the polarization of public discourse would almost certainly fall outside of the proper purview of antitrust.

Wherever the line is ultimately drawn by policymakers, it need not be inclusive to an extreme. After all, broader societal concerns about concentration of private markets can be left to the protection of a very strong presumption on the front-end of the new enforcement framework. But other than to say that it is intended to be the rare case where a competitive effects analysis is performed on the back-end, it must be acknowledged that more work would need to be done to figure out its proper boundaries.

Questions surrounding how to define the proper aims of antitrust would also seep into the judgment calls that need to be made about what triggers the presumptions of illegality on the front-end. That is because the threshold levels of concentration and additional objective factors triggering the structural presumption in merger cases, as well as the categories of conduct deemed presumptively unlawful in monopolization cases, would be determined according to their tendencies to result in market conditions conducive to bad competitive outcomes. But what is a “competitive outcome” is in the eye of the beholder, and so difficult questions would arise in formulating the front-end presumptions in both merger and monopolization cases.

Difficult as that task may be, there is much benefit to working out those difficulties at a policy level. Those who in the last half-century have—through their influence over academia, the courts, and government officials—reined in merger and monopolization enforcement by shifting its focus to price-output effects have done so with little say from lawmakers. A reset of the antitrust enforcement framework would be an opportune moment to refocus competition policy on the broader detrimental effects of allowing markets to persist in conditions of concentrated economic power.

Where the lines are drawn would have a huge impact on the reach of antitrust laws under the new enforcement regime. The debate would be especially fraught and consequential in the digital context, where existing enforcement of the merger and monopolization laws has been particularly controversial and prone to disappointing results (the latter discussed here and here in the context of investigations of Google). Difficult cuts would have to be made, and the results would ultimately reflect not only ideology about the proper role of antitrust, but also pragmatic factors such as the likelihood and ability of other regulations to fill the gaps (covered here).

Nonpredictive antitrust enforcement in practice

The formulaic, nonpredictive approaches outlined above are guided by a simple principle: that antitrust enforcement ought to be put on a sounder intellectual footing that acknowledges the limits of the human mind in making predictions amidst complexity.

The practical effects of the proposed changes would be to improve clarity and certainty for everyone involved—companies, government agencies, courts—in distinguishing lawful from unlawful market activities. They would also ease the burden for bringing such cases, and in the process free up resources for more enforcement of the antitrust laws. At the same time, some of the changes—such as adding new objective factors to the structural presumption in merger cases, employing a clear-cut list of presumptively unlawful monopolistic conduct, and subjecting enforcers to reverse presumptions of lawfulness—would probably tip the balance the other way, scaling back certain types of enforcement.

Still, it seems self-evident that the net result of the proposed changes would be more active enforcement of the merger and monopolization laws. The specific make-up of the resulting cases—which types would increase versus decrease, which industries or players would see the biggest changes, etc.—is less clear. But the aim in reforming competition policy should be more accurate enforcement, targeting the right mergers and monopolistic conduct, for its own sake. Then let the chips fall where they may.

As for the day-to-day enforcement of the antitrust laws, the major implications could be summarized as follows.

First, there would be the lowering of the barrier currently put in front of enforcers and courts that requires the lawfulness of market activities to be determined by performing the difficult task of predicting and conjecturing about actual competitive effects.

Second, the simple, formulaic framework put in its place would de-emphasize the role of predictions in the decision-making process, streamlining antitrust enforcement for those activities which are empirically known to perpetuate the structural market conditions associated with bad competitive outcomes.

Third, at the same time, it would leave some wiggle room for nuanced expert judgments to soften the blunt force of a trial-by-formula in those rare instances when unique circumstances justify diving back into the lion’s den of analyzing actual competitive effects.

Fourth, by relying on objective criteria about market structure or conduct instead of subjective judgments about market effects, the new framework would empower antitrust to reach various other important kinds of harm—beyond just price and output effects—that can flow from the concentration of economic power. That is, by targeting the roots of harmful concentration instead of just cutting off a few branches that have grown out of its trunk, antitrust would protect various interests in society other than just the consumer who wants to buy more for less.

### search adv – 1ac

Adv 3 is search

#### Google’s self-preferencing flagrantly violates the Sherman Act---decimates small tech firms and forecloses competition.

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Daniel, 7/8/21, “How Self-Preferencing Can Violate Section 2 of the Sherman Act,” Competition Policy International, https://papers.ssrn.com/sol3/papers.cfm?abstract\_id=3868896

With this framing, Google’s conduct exemplifies how a dominant firm can use self-preferencing to monopolize a market and violate Section 2 of the Sherman Act. Numerous government reports and anecdotal accounts detail the exclusionary effects Google’s conduct has on market participants and consumers.23

Google’s market share in search far exceeds required thresholds for monopoly power under the Sherman Act.24 Multiple comprehensive investigations into the company’s operations found that Google’s market share in search is almost 90 percent.25 Other evidence also shows that Google is an “indispensable medium” and essential for a firm’s success.26 For example, Google is the top referral site for internet traffic; thus, if a site is not on Google, it is close to not existing at all on the internet for most consumers.27 Multiple accounts show that the corporation also has monopoly power in several other markets.28

Google has also engaged in “willful acquisition or maintenance of its monopoly” that harms the competitive process. In multiple instances, comprehensive reports show that Google obtained its dominant position by engaging in a surfeit of exclusionary conduct that includes the use of self-preferencing, making hundreds of acquisitions, and imposing many restrictive contracts on third parties rather than as a consequence of a “superior product, business acumen, or historic accident.”29 Specifically, concerning Google’s use of self-preferencing, two cases are particularly illustrative.

In 2011, the Federal Trade Commission investigated Google for self-preferencing its comparison shopping and local shopping sites.30 Google decided to explicitly demote the search rankings of rival sites like Yelp to promote and advantage its own digital properties, such as Google Maps and Google Shopping.31 Google effectively used its horizontal monopoly in general search (i.e. Google.com) to extend its market power into vertical search services (i.e. restaurant ratings and reviews).

In another instance, starting around 2015, Google wanted to maintain its dominant position in digital images. To do this, Google changed its search ranking algorithm and entered into agreements with Shutterstock and Getty Images to supply it with high-quality stock photos. Google’s changes and agreements significantly demoted the search ranking of Dreamstime, a rival stock photo provider. Since Google relegated Dreamstime’s site to the back pages of its search results, it effectively made Dreamstime’s site and other similarly situated sites that do not have an agreement with Google invisible to consumers and depriving consumers of an alternative service.32 Dreamstime even tried to increase their spending by millions of dollars on Google’s advertising platform, hired advertising and search consultants, and implemented a series of changes recommended by Google to improve their search ranking, all to no avail.

Both of these instances provide an adequate basis for a violation of Section 2 of the Sherman Act. In both examples, Google used self preferencing derived from its “dominant economic power” to “foreclose competition, to gain a competitive advantage, or to destroy a competitor” and harm the competitive process, — as opposed to succeeding on account of “superior service, lower costs, and improved efficiency.”34 Since Google is indispensable to third parties,35 an artificially lower search ranking from self-preferencing can be devastating for a firm’s competitive position. As such, self-preferencing not only leads to substantial foreclosure of a rival site, but it also can raise the costs to dependent firms because a firm may have to either enter into a special deal with Google or pay for advertising on Google’s search platform to ensure they are at a higher search position.36 All of this has the effect of raising a rival’s costs or forcing a dependent firm to operate in a significantly weaker bargaining position as a direct result of the firm’s market power and self-preferencing.

Google’s actions are similar to those in a previous Supreme Court case that affirmed a finding of monopolization and a violation of Section 2 of the Sherman Act in 1973.38 Like Google, Otter Tail Power Company was a vertically integrated corporation (in this case, an electrical utility) that had monopoly power in its relevant market.39 Like Google’s search engine, Otter Tail’s electrical generation and distribution infrastructure were not easily replicable by rivals.40 Like Google’s actions toward Dreamstime, Yelp, and others, Otter Tail used its “strategic dominance” and control of its infrastructure to disadvantage and foreclose municipal rivals by refusing to transmit power over its own power lines from generators to municipal utilities to protect its distribution monopoly.

The primary rationale for the Supreme Court’s decision that Otter Tail violated Section 2 of the Sherman Act is because the company “[used its] monopoly power to destroy threatened competition[.]”42 Importantly, the Court also distinguished Otter Tail’s conduct from fair competition principles in which firms, including monopolists, succeed through “superior service, lower costs, and improved efficiency” rather than the use of unfair or exclusionary tactics.

In addition to Google’s monopoly power and exclusionary tactics, other aggravating factors increase the likelihood that the corporation is seeking to maintain its monopoly in violation of the Sherman Act. First, similar to other exclusionary monopolization offenses (like exclusive dealing or tying), self-preferencing does not need to be used against every possible competitor or cause full foreclosure of a rival or dependent firm to obtain the desired adverse effect.44 For example, Google does not need to demote the search rankings of every rival vertical search engine or even remove a rival firm like Yelp or Dreamstime from their site entirely. Detailed analysis shows that less than 1 percent of users clicked on a link on the second page of a Google search result, and most user clicks are confined to the first few search results.45 Thus, getting demoted even slightly would effectively relegate a site to digital jail. Similar effects exist across other sites like Amazon.46 In fact, selective manipulation, exclusion, or demotion of a site like Yelp or Dreamstime may actually be just as, if not more of, an effective indicator to determine whether a firm is intending to exclude a rival to leverage into a market or attempting to succeed in the marketplace by providing “superior service, lower costs, and improved efficiency.”47 Additionally, excluding individual firms by self-preferencing may also prove to be an easier path to maintain a firm’s dominance.48 As the Supreme Court stated in 1959, violations of the Sherman Act are “not to be tolerated merely because the victim is just one merchant whose business is so small that his destruction makes little difference to the economy. Monopoly can as surely thrive by the elimination of such small businessmen, one at a time, as it can by driving them out in large groups.

Along similar lines, since self-preferencing needs to be only applied selectively to obtain significant exclusion of a rival or dependent firm, consumers would generally be unable to know or discover that such actions are taking place.50 The founders of Google admitted this and were acutely aware that self-preferencing would also be “very difficult to detect” and have “a significant effect on the market.

Second, many technology industries, like internet search, have high barriers to entry and the GAFA corporations have durable and persistent monopoly power.52 In Google’s case, no competitor has meaningfully challenged its dominant position in almost two decades. Such a situation increases the presumption that antitrust action is warranted.

Third, self-preferencing facilitates other kinds of predatory and exclusionary behavior condemned by the antitrust laws, including tying.54 Self-preferencing can operate as a form of tying since a company like Google, by preferencing its own services (or the services of other companies) and demoting rivals, encourages users to adopt its products and services together, potentially locking them in. Thus, self-preferencing can raise barriers to entry such that a rival service is unfairly inhibited from obtaining a sufficient number of users to be a viable market participant.

Lastly, while benign forms of self-preferencing exist, such as a non-dominant grocery store changing the shelving placement of food items to favor its own in-store brands,56 there are critical differences that distinguish that conduct from Google’s and similarly situated digital giants.57 Unlike an individual grocery store, Google has monopoly power.

Also, as opposed to the physical world, in the digital realm, users confine their searches to the first set of results they are shown. In the digital realm, searching for a particular website or product is a nearly endless process. There will always be more results than a user can review. Thus, in part, there is a “paradox of choice” that exists, and consumers feel that it is not worth their time to endlessly explore options they are presented with.58 As such, users, across multiple technology platforms, confine their search to the first page they are presented with rather than engage in a more scrupulous search as they likely would for a product if they were at a physical retail outlet.59 Thus, self-preferencing in the digital realm can have significant foreclosure effects that are not analogous to physical retailers. All these aggravating factors can just as easily apply to the conduct or industries of the other digital giants.

#### Erodes local businesses---ending self-preferencing necessary and sufficient to solve.

**Pat Garofalo 20**, 8-30-2020, "Close to Home: How the Power of Facebook and Google Affects Local Communities," American Economic Liberties Project, https://www.economicliberties.us/our-work/close-to-home-how-the-power-of-facebook-and-google-affects-local-communities/#

Google Undermines Local Businesses:

For a local business to operate and be successful, local residents must be able to find it. There’s a long history of enabling such matchmaking between customers and businesses through newspapers, radio, TV, directories, and local advertising channels. Today, one of the key mechanisms filling this critical function is local search. Local search is the single largest category of search on Google, the world’s dominant search engine. In 2018, Google said local search grew by 50 percent over the year before, outpacing the overall search market.[18] More than 80 percent of cell phone users report searching for businesses “near me.”[19]

And yet, Google’s search properties, either general search or via its Maps subsidiary, often hurt local businesses and residents by allowing scammers to infiltrate its listings. For instance, Florida locksmith Rafael Martorell explained that the name of his business, A-Atlantic Lock and Key, was stolen by scammers on Google who pretended to be him and would charge customers five or six times what he normally charged. “One of the scammers put the name of my company, and the address that he put was my own house,” he said, alleging that such practices are an epidemic in the locksmith industry.[20]

“90 percent of our advertising, most of that for years was the Yellow Pages,” Martorell said. “Then suddenly Google came, without us noticing. And then we figured it out, we knew we had to go to Google and that is when the issues began. Because the local listings, most of them are fraudulent. Completely phony, fraudulent.”[21] The Wall Street Journal noted several other sectors in which similar scams have occurred.[22]

Since Google is so dominant in search, merchants have little alternative to battling the corporation endlessly, trying to buy ads for which they can’t ascertain the true value – and where a substantial amount of clicks can be fraudulent[23] – or simply vanishing from the vast majority of internet searches when they are either not listed or when their listing has incorrect information. (Facebook can create similar issues for small businesses via fraud, driving up costs for businesses running ads and opaque algorithm changes that limit small businesses ability to ensure their customers actually see their content.)[24][25]

Google’s size and scale leads to neglect of local needs. The corporation has eight products with more than a billion users, so the ability of a top executive to focus on any one town, or even a major city, is virtually nil. Google is slow to correct misinformation and has allowed whole neighborhoods to be renamed thanks to user mistakes. In other instances, Google has decided that an entire sector of the economy, such as third-party tech repair shops, is simply too difficult to validate, so it excludes them from search results entirely.[26]

Google’s power is immense, and in some ways, more significant than that of the government. As one businessperson told the Wall Street Journal, “if Google suspends my listings, I’m out of a job. Google could make me homeless.”[27]

Poor-quality results can even be profitable for Google. Legitimate businesses often pay for ads on Google in order to rise back above fraudulent listings. Martorell, for instance, spent $115,000 on Google ads between 2008 and 2015, before giving up on the platform and relying on local referrals.[28]

Local search is not an inherently concentrated business. There are competitors, such as Yelp, TripAdvisor, and other specialized vertical search engines that can compete over quality. And yet Google is a virtual monopoly. That’s because dominance didn’t occur naturally or through differentiating based on quality. It happened through the exercise of power and capital.

For example, Google pays to be the default search option on Safari on the iPhone. Google also provides its Android operating system and its app store Google Play to cell phone makers for free so that they make Google search the default on Android phones.[29]

This search dominance also allows Google to preference its own products providing local information over those of its competitors, even when its own organic search results indicate that Google content is of worse quality.[30]

Google’s search results have evolved over time. While the company once simply provided a list of hyperlinks to other websites, saying that it’s goal was to get consumers into Google and then out to their preferred web destination as quickly as possible, it now provides answers to specific queries and makes suggestions for content that can be accessed through Google directly, through its use of information boxes.

These include answers to factual questions, like offering that Thomas Jefferson was the third president without having to send the user to an online encyclopedia. But these boxes also allow Google to make a judgment call to preference its own content and products in harmful ways.

For example, a search for a local Thai restaurant will provide links to restaurant websites, but above the hyperlinked search results Google provides direct links to restaurants on Google Maps and Google’s restaurant reviews, as shown below:

Placement on a Google results page is critical because more than a quarter of users click the very first result of a search, while just 2.5 percent click on the tenth. Barely any users venture onto the second page of results.[31] As of 2019, less than half of Google searches result in a user clicking away from Google.[32]

Google’s ability to exclude competitors leads to the quality degradation in results, and so users end up more susceptible to fraudulent listings than they would otherwise, undermining the relationship between local businesses and local customers.

As one study on Google’s self-preferencing noted, “The easy and widely disseminated argument that Google’s universal search always serves users and merchants is demonstrably false.”[33] The European Union in 2017 fined Google €2.4 billion euros for similar self-preferencing of its Google comparison shopping products, which it placed above those of other third-party sales platforms or direct vendors.[34]

According to at least two studies, users prefer the content that Google’s algorithm would naturally show them to that shown when Google circumvents its algorithm to preference its own content. In 2015, Michael Luca, Tim Wu, Sebastian Couvidat, and Daniel Frank found that users are 40 percent more likely to engage with local search content produced by Google’s organic algorithm than they are with the content Google instead preferences in local search. (Yelp, a Google competitor, provided funding for the study.)

“Google is degrading its own search results by excluding its competitors at the expense of its users,” they wrote. “In the largest category of search (local intent-based), Google appears to be strategically deploying universal search in a way that degrades the product so as to slow and exclude challengers to its dominant search paradigm.”[35]

In a 2018 paper, Luca and Hyunjin Kim also found that users preferred organic search results to Google’s preferenced results. Furthermore, they found that other, more specialized search engines saw a fall in traffic as a result of Google’s actions tying its reviews product to its search engine.[36] “Our findings suggest early evidence that dominant platforms may, at times, be degrading products for strategic purposes, such as excluding competitors in adjacent markets that they are looking to enter or grow in,” they wrote.

The Federal Trade Commission in 2013 concluded that such behavior was anti-competitive, though it closed the investigation without action. According to documents from that investigation that were accidentally leaked to the Wall Street Journal, Google engaged in this conduct because it feared competition from specific search verticals such as Yelp and TripAdvisor. One executive in an email explicitly pointed to the threat such specific verticals posed to Google’s traffic, and therefore revenue.[37]

An inability for customers and local businesses to find each other, whether because there are too many scam listings to wade through or because Google is pushing an inferior product, hurts local economies – first, by potentially driving legitimate businesses under via depriving them of customers, and second by exposing customers to fraudulent businesses charging excessive rates. Changing Google’s business model so that it doesn’t have incentives to self-deal or tolerate scam artists will begin to rectify these problems.

#### Determines SMEs growth.

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Inge, 11-12-2019, "Differentiated Treatment in Platform-to-Business Relations: EU Competition Law and Economic Dependence," OUP Academic, https://academic.oup.com/yel/article/doi/10.1093/yel/yez008/5622729

The relationship between platforms and businesses is at the core of various ongoing competition investigations. Online platforms provide significant benefits to businesses by enabling them to target a wide audience that typically exceeds the territory of individual Member States and even beyond. In the absence of platforms which act as intermediaries between business users and consumers, small and medium-sized enterprises (SMEs) in particular would not have had equally effective opportunity to reach consumers. In this regard, platforms often constitute the main entry points for businesses to access certain markets. At the same time, platforms rely on the presence of businesses in order to create value for consumers. Even though platforms and businesses are thus dependent on each other in order to operate their respective services, platforms typically have a superior bargaining position in relation to their business users. This may result in an imbalance between the interests of platforms and businesses, potentially leading to unfair practices. The scope for such issues is particularly present when platforms both act as intermediaries by facilitating market access for businesses and compete with these businesses by offering their own products to consumers on their marketplaces.1

#### SMEs key to economic strength and quick recovery from decline.

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Robert, 7-26-2021, "How Small Business Drives U.S. Economy," ThoughtCo, https://www.thoughtco.com/how-small-business-drives-economy-3321945

What really drives the U.S. economy? No, it is not war. In fact, it is small business -- firms with fewer than 500 employees -- that drives the U.S. economy by providing jobs for over half of the nation's private workforce.In 2010, there were 27.9 million small businesses in the United States, compared to 18,500 larger firms with 500 employees or more, according to the U.S. Census Bureau. These and other statistics outlining small business' contribution to the economy are contained in the Small Business Profiles for the States and Territories, 2005 Edition from the Office of Advocacy of the U.S. Small Business Administration (SBA). The SBA Office of Advocacy, the "small business watchdog" of the government, examines the role and status of small business in the economy and independently represents the views of small business to federal government agencies, Congress, and the President of the United States. It is the source for small business statistics presented in user-friendly formats and it funds research into small business issues. "Small business drives the American economy," said Dr. Chad Moutray, Chief Economist for the Office of Advocacy in a press release. "Main Street provides the jobs and spurs our economic growth. American entrepreneurs are creative and productive, and these numbers prove it." Small Businesses Are Job Creators SBA Office of Advocacy-funded data and research shows that small businesses create more than half of the new private non-farm gross domestic product, and they create 60 to 80 percent of the net new jobs. Census Bureau data shows that in 2010, American small businesses accounted for: 99.7% of U.S. employer firms; 64% of net new private-sector jobs; 49.2% of private-sector employment; and 42.9% of private-sector payroll Leading the Way Out of the Recession Small businesses accounted for 64% of the net new jobs created between 1993 and 2011 (or 11.8 million of the 18.5 million net new jobs). During the recovery from the great recession, from mid-2009 to 2011, small firms -- led by the larger ones with 20-499 employees -- accounted for 67% of the net new jobs created nationwide. Do the Unemployed Become Self-Employed? During periods of high unemployment, like the U.S. suffered during the great recession, starting a small business can be just as hard, if not harder than finding a job. However, in March 2011, about 5.5% -- or nearly 1 million self-employed people – had been unemployed the previous year. This figure was up from March 2006 and March 2001, when it was 3.6% and 3.1%, respectively, according to the SBA. Small Businesses Are the Real Innovators Innovation – new ideas and product improvements – is generally measured by the number of patents issued to a firm. Among firms considered “high patenting” firms – those being granted 15 or more patents in a four-year period -- small businesses produce 16 times more patents per employee than large patenting firms, according to the SBA. In addition, SBA research also shows that increasing the number of employees correlates with increased innovation while increasing sales does not.

#### Decline cascades---nuclear war

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Various scholars and institutions regard global social instability as the greatest threat facing this decade. The catalyst has been postulated to be a Second Great Depression which, in turn, will have profound implications for global security and national integrity. This paper, written from a broad systems perspective, illustrates how emerging risks are getting more complex and intertwined; blurring boundaries between the economic, environmental, geopolitical, societal and technological taxonomy used by the World Economic Forum for its annual global risk forecasts. Tight couplings in our global systems have also enabled risks accrued in one area to snowball into a full-blown crisis elsewhere. The COVID-19 pandemic and its socioeconomic fallouts exemplify this systemic chain-reaction. Onceinexorable forces of globalization are rupturing as the current global system can no longer be sustained due to poor governance and runaway wealth fractionation. The coronavirus pandemic is also enabling Big Tech to expropriate the levers of governments and mass communications worldwide. This paper concludes by highlighting how this development poses a dilemma for security professionals.

Key Words: Global Systems, Emergence, VUCA, COVID-9, Social Instability, Big Tech, Great Reset

INTRODUCTION

The new decade is witnessing rising volatility across global systems. Pick any random “system” today and chart out its trajectory: Are our education systems becoming more robust and affordable? What about food security? Are our healthcare systems improving? Are our pension systems sound? Wherever one looks, there are dark clouds gathering on a global horizon marked by volatility, uncertainty, complexity and ambiguity (VUCA).

But what exactly is a global system? Our planet itself is an autonomous and selfsustaining mega-system, marked by periodic cycles and elemental vagaries. Human activities within however are not system isolates as our banking, utility, farming, healthcare and retail sectors etc. are increasingly entwined. Risks accrued in one system may cascade into an unforeseen crisis within and/or without (Choo, Smith & McCusker, 2007). Scholars call this phenomenon “emergence”; one where the behaviour of intersecting systems is determined by complex and largely invisible interactions at the substratum (Goldstein, 1999; Holland, 1998).

The ongoing COVID-19 pandemic is a case in point. While experts remain divided over the source and morphology of the virus, the contagion has ramified into a global health crisis and supply chain nightmare. It is also tilting the geopolitical balance. China is the largest exporter of intermediate products, and had generated nearly 20% of global imports in 2015 alone (Cousin, 2020). The pharmaceutical sector is particularly vulnerable. Nearly “85% of medicines in the U.S. strategic national stockpile” sources components from China (Owens, 2020).

An initial run on respiratory masks has now been eclipsed by rowdy queues at supermarkets and the bankruptcy of small businesses. The entire global population – save for major pockets such as Sweden, Belarus, Taiwan and Japan – have been subjected to cyclical lockdowns and quarantines. Never before in history have humans faced such a systemic, borderless calamity.

COVID-19 represents a classic emergent crisis that necessitates real-time response and adaptivity in a real-time world, particularly since the global Just-in-Time (JIT) production and delivery system serves as both an enabler and vector for transboundary risks. From a systems thinking perspective, emerging risk management should therefore address a whole spectrum of activity across the economic, environmental, geopolitical, societal and technological (EEGST) taxonomy. Every emerging threat can be slotted into this taxonomy – a reason why it is used by the World Economic Forum (WEF) for its annual global risk exercises (Maavak, 2019a). As traditional forces of globalization unravel, security professionals should take cognizance of emerging threats through a systems thinking approach.

METHODOLOGY

An EEGST sectional breakdown was adopted to illustrate a sampling of extreme risks facing the world for the 2020-2030 decade. The transcendental quality of emerging risks, as outlined on Figure 1, below, was primarily informed by the following pillars of systems thinking (Rickards, 2020):

• Diminishing diversity (or increasing homogeneity) of actors in the global system (Boli & Thomas, 1997; Meyer, 2000; Young et al, 2006);

• Interconnections in the global system (Homer-Dixon et al, 2015; Lee & Preston, 2012);

• Interactions of actors, events and components in the global system (Buldyrev et al, 2010; Bashan et al, 2013; Homer-Dixon et al, 2015); and

• Adaptive qualities in particular systems (Bodin & Norberg, 2005; Scheffer et al, 2012) Since scholastic material on this topic remains somewhat inchoate, this paper buttresses many of its contentions through secondary (i.e. news/institutional) sources.

ECONOMY

According to Professor Stanislaw Drozdz (2018) of the Polish Academy of Sciences, “a global financial crash of a previously unprecedented scale is highly probable” by the mid- 2020s. This will lead to a trickle-down meltdown, impacting all areas of human activity.

The economist John Mauldin (2018) similarly warns that the “2020s might be the worst decade in US history” and may lead to a Second Great Depression. Other forecasts are equally alarming. According to the International Institute of Finance, global debt may have surpassed $255 trillion by 2020 (IIF, 2019). Yet another study revealed that global debts and liabilities amounted to a staggering $2.5 quadrillion (Ausman, 2018). The reader should note that these figures were tabulated before the COVID-19 outbreak.

The IMF singles out widening income inequality as the trigger for the next Great Depression (Georgieva, 2020). The wealthiest 1% now own more than twice as much wealth as 6.9 billion people (Coffey et al, 2020) and this chasm is widening with each passing month. COVID-19 had, in fact, boosted global billionaire wealth to an unprecedented $10.2 trillion by July 2020 (UBS-PWC, 2020). Global GDP, worth $88 trillion in 2019, may have contracted by 5.2% in 2020 (World Bank, 2020).

As the Greek historian Plutarch warned in the 1st century AD: “An imbalance between rich and poor is the oldest and most fatal ailment of all republics” (Mauldin, 2014). The stability of a society, as Aristotle argued even earlier, depends on a robust middle element or middle class. At the rate the global middle class is facing catastrophic debt and unemployment levels, widespread social disaffection may morph into outright anarchy (Maavak, 2012; DCDC, 2007).

Economic stressors, in transcendent VUCA fashion, may also induce radical geopolitical realignments. Bullions now carry more weight than NATO’s security guarantees in Eastern Europe. After Poland repatriated 100 tons of gold from the Bank of England in 2019, Slovakia, Serbia and Hungary quickly followed suit.

According to former Slovak Premier Robert Fico, this erosion in regional trust was based on historical precedents – in particular the 1938 Munich Agreement which ceded Czechoslovakia’s Sudetenland to Nazi Germany. As Fico reiterated (Dudik & Tomek, 2019):

“You can hardly trust even the closest allies after the Munich Agreement… I guarantee that if something happens, we won’t see a single gram of this (offshore-held) gold. Let’s do it (repatriation) as quickly as possible.” (Parenthesis added by author).

President Aleksandar Vucic of Serbia (a non-NATO nation) justified his central bank’s gold-repatriation program by hinting at economic headwinds ahead: “We see in which direction the crisis in the world is moving” (Dudik & Tomek, 2019). Indeed, with two global Titanics – the United States and China – set on a collision course with a quadrillions-denominated iceberg in the middle, and a viral outbreak on its tip, the seismic ripples will be felt far, wide and for a considerable period.

A reality check is nonetheless needed here: Can additional bullions realistically circumvallate the economies of 80 million plus peoples in these Eastern European nations, worth a collective $1.8 trillion by purchasing power parity? Gold however is a potent psychological symbol as it represents national sovereignty and economic reassurance in a potentially hyperinflationary world. The portents are clear: The current global economic system will be weakened by rising nationalism and autarkic demands. Much uncertainty remains ahead. Mauldin (2018) proposes the introduction of Old Testament-style debt jubilees to facilitate gradual national recoveries. The World Economic Forum, on the other hand, has long proposed a “Great Reset” by 2030; a socialist utopia where “you’ll own nothing and you’ll be happy” (WEF, 2016).

In the final analysis, COVID-19 is not the root cause of the current global economic turmoil; it is merely an accelerant to a burning house of cards that was left smouldering since the 2008 Great Recession (Maavak, 2020a). We also see how the four main pillars of systems thinking (diversity, interconnectivity, interactivity and “adaptivity”) form the mise en scene in a VUCA decade.

ENVIRONMENTAL

What happens to the environment when our economies implode? Think of a debt-laden workforce at sensitive nuclear and chemical plants, along with a concomitant surge in industrial accidents? Economic stressors, workforce demoralization and rampant profiteering – rather than manmade climate change – arguably pose the biggest threats to the environment. In a WEF report, Buehler et al (2017) made the following pre-COVID-19 observation:

The ILO estimates that the annual cost to the global economy from accidents and work-related diseases alone is a staggering $3 trillion. Moreover, a recent report suggests the world’s 3.2 billion workers are increasingly unwell, with the vast majority facing significant economic insecurity: 77% work in part-time, temporary, “vulnerable” or unpaid jobs.

Shouldn’t this phenomenon be better categorized as a societal or economic risk rather than an environmental one? In line with the systems thinking approach, however, global risks can no longer be boxed into a taxonomical silo. Frazzled workforces may precipitate another Bhopal (1984), Chernobyl (1986), Deepwater Horizon (2010) or Flint water crisis (2014). These disasters were notably not the result of manmade climate change. Neither was the Fukushima nuclear disaster (2011) nor the Indian Ocean tsunami (2004). Indeed, the combustion of a long-overlooked cargo of 2,750 tonnes of ammonium nitrate had nearly levelled the city of Beirut, Lebanon, on Aug 4 2020. The explosion left 204 dead; 7,500 injured; US$15 billion in property damages; and an estimated 300,000 people homeless (Urbina, 2020). The environmental costs have yet to be adequately tabulated.

Environmental disasters are more attributable to Black Swan events, systems breakdowns and corporate greed rather than to mundane human activity.

Our JIT world aggravates the cascading potential of risks (Korowicz, 2012). Production and delivery delays, caused by the COVID-19 outbreak, will eventually require industrial overcompensation. This will further stress senior executives, workers, machines and a variety of computerized systems. The trickle-down effects will likely include substandard products, contaminated food and a general lowering in health and safety standards (Maavak, 2019a). Unpaid or demoralized sanitation workers may also resort to indiscriminate waste dumping. Many cities across the United States (and elsewhere in the world) are no longer recycling wastes due to prohibitive costs in the global corona-economy (Liacko, 2021).

Even in good times, strict protocols on waste disposals were routinely ignored. While Sweden championed the global climate change narrative, its clothing flagship H&M was busy covering up toxic effluences disgorged by vendors along the Citarum River in Java, Indonesia. As a result, countless children among 14 million Indonesians straddling the “world’s most polluted river” began to suffer from dermatitis, intestinal problems, developmental disorders, renal failure, chronic bronchitis and cancer (DW, 2020). It is also in cauldrons like the Citarum River where pathogens may mutate with emergent ramifications.

On an equally alarming note, depressed economic conditions have traditionally provided a waste disposal boon for organized crime elements. Throughout 1980s, the Calabriabased ‘Ndrangheta mafia – in collusion with governments in Europe and North America – began to dump radioactive wastes along the coast of Somalia. Reeling from pollution and revenue loss, Somali fisherman eventually resorted to mass piracy (Knaup, 2008).

The coast of Somalia is now a maritime hotspot, and exemplifies an entwined form of economic-environmental-geopolitical-societal emergence. In a VUCA world, indiscriminate waste dumping can unexpectedly morph into a Black Hawk Down incident. The laws of unintended consequences are governed by actors, interconnections, interactions and adaptations in a system under study – as outlined in the methodology section.

Environmentally-devastating industrial sabotages – whether by disgruntled workers, industrial competitors, ideological maniacs or terrorist groups – cannot be discounted in a VUCA world. Immiserated societies, in stark defiance of climate change diktats, may resort to dirty coal plants and wood stoves for survival. Interlinked ecosystems, particularly water resources, may be hijacked by nationalist sentiments. The environmental fallouts of critical infrastructure (CI) breakdowns loom like a Sword of Damocles over this decade.

GEOPOLITICAL

The primary catalyst behind WWII was the Great Depression. Since history often repeats itself, expect familiar bogeymen to reappear in societies roiling with impoverishment and ideological clefts. Anti-Semitism – a societal risk on its own – may reach alarming proportions in the West (Reuters, 2019), possibly forcing Israel to undertake reprisal operations inside allied nations. If that happens, how will affected nations react? Will security resources be reallocated to protect certain minorities (or the Top 1%) while larger segments of society are exposed to restive forces? Balloon effects like these present a classic VUCA problematic.

Contemporary geopolitical risks include a possible Iran-Israel war; US-China military confrontation over Taiwan or the South China Sea; North Korean proliferation of nuclear and missile technologies; an India-Pakistan nuclear war; an Iranian closure of the Straits of Hormuz; fundamentalist-driven implosion in the Islamic world; or a nuclear confrontation between NATO and Russia. Fears that the Jan 3 2020 assassination of Iranian Maj. Gen. Qasem Soleimani might lead to WWIII were grossly overblown. From a systems perspective, the killing of Soleimani did not fundamentally change the actor-interconnection-interaction adaptivity equation in the Middle East. Soleimani was simply a cog who got replaced.

## 2AC

### Platforms

#### antitrust policy creates a harsh environment

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(Michael G., “Be Prepared: Aggressive Antitrust Enforcement Is Back,” <https://www.bassberry.com/news/aggressive-antitrust-enforcement-is-back/>)

This summer has seen a flurry of bold antitrust announcements from the Biden administration. By issuing a sweeping executive order calling for numerous changes to antitrust enforcement and by naming progressive favorites and prominent Big Tech critics to head the Federal Trade Commission (FTC) and the Antitrust Division of the U.S. Department of Justice (DOJ), President Biden has signaled that federal antitrust policy is entering a new era.

The FTC has already begun carrying out its mandate to reshape antitrust policy. Under the leadership of new Chairwoman Lina Khan, the FTC has moved quickly to eliminate checks on its antitrust enforcement powers. A majority of the FTC’s commissioners have expressly disavowed the agency’s longstanding approaches to policing antitrust violations and have given the new chair unprecedented authority over investigations and rulemakings.

Collectively, the Biden administration and the FTC have sent a clear message to the business community: aggressive antitrust enforcement is back. Companies should expect to see an increase in antitrust investigations, stiffer penalties for violations, more burdensome merger reviews, and new rules targeting a range of industry practices. In this environment, effective antitrust counseling and compliance programs are more important than ever.

#### Big tech are key players

Norman Alex, Corporate Development Consultancy, February 10, 2020, Big Tech in Finance: A Deep Dive Into The Future Of Fintech <https://www.normanalex.com/2020/02/10/big-tech-in-finance-a-deep-dive-into-the-future-of-fintech/>

On the other end of the spectrum, big tech giants Google, Apple, Facebook and Amazon dubbed as GAFA have shouldered their way into the financial sector, emerging from the backroom with niche customer-centric offerings — moving the needle from fintech to techfin. These hyperscalers, rooted in data-centric culture, have risen to challenge the long-standing financial institutions. With a string of strategic acquisitions, big tech giants are rounding out their portfolio to deliver end-to-end bank-like services and raring to grab significant market share from the incumbents.

Silicon Valley heavyweights — Google, Amazon, Facebook, and Apple crashed the fintech party, with digital payments as a starting point (Google Pay, Amazon Pay, Facebook Pay, and Apple Pay). Moving on from payments, data-driven hyperscalers set the sight on bigger ambitions. Apple launched its credit card with Goldman Sachs in 2019 that eliminates processing fee and provides a new layer of privacy and security. Google stepped up its fintech ambitions by announcing the launch of checking account product in conjunction with Citigroup in 2020 that’ll be available through the Google Pay app. Amazon — a leader in the everything business, offers mature financial services offerings across payments and lending to 100 million Prime customers. In India, Amazon offers Amazon Pay credit card with ICICI Bank. If Amazon launches a checkings account, banks could lose up to $100 million, MX report indicates hinting at Amazon’s ambition to become a major force in consumer banking. In 2018, Wall Street Journal reported the online retailer was planning a checking account product with JPMorgan Chase & Co to target the younger segment.

### Seach

#### False negatives outweigh false positives—our market power internal link is more durable than erroneous precedent

Baker, JD, PhD, Research Professor of Law at American University Washington College of Law, former FCC Chief Economist, former Senior Economist on Presidential Council of Economic Advisors, Jerry S. Cohen Award for Antitrust Scholarship, ‘19

(Jonathan, *The Antitrust Paradigm: Restoring a Competitive Economy*, Chapter 6, Harvard University Press)

In arguing that the costs of false positives outweigh those of false negatives, antitrust conservatives often highlight the supposed durability of erroneous judicial precedents. "If the court errs by condemning a beneficial practice," Easterbrook writes, "the benefits may be lost for good" through the precedential effect of the judicial decision.67 Easterbrook expresses particular concern with erroneous Supreme Court decisions,68 presumably because lower courts' errors of law are frequently corrected on appeal.69

It is hard to credit the claim that bad precedents systematically outlive market power .7° Erroneous precedents may not disappear overnight, but neither do cartels nor single-firm dominance. It took seven years for the Supreme Court implicitly to overrule the erroneous precedent of Appalachian Coals7,1 which had allowed coal producers to cartelize during the Great Depression, and ten years explicitly to overrule Schwinn, 72 which had made vertical intrabrand non price agreements illegal per se. Yet these lengths of time are comparable to the typical duration of cartels cut short by antitrust enforcement and, in consequence, less than the cartels' likely duration if market forces were the sole mechanism for correction. 73

Furthermore, even before the Court overrules an erroneous precedent, a number of circumstances may limit its practical effect. Precedents may be undermined by lower courts,74 abrogated by legislative action,75 or narrowed, procedurally or substantively, by the Court itself.76 The instances in which the Supreme Court has overruled its own antitrust decisions, the range of mechanisms available for correcting bad court decisions, and the Supreme Court's thoroughgoing adoption of the Chicago school's critique all call into question Easterbrook's claim that erroneous judicial precedents, even from the Supreme Court, are more durable than monopolies and cartels.77

#### No link—type 1 errors are structurally limited

Hovenkamp, Assistant Professor, USC Gould School of Law, ‘19

(Erik, “Platform Antitrust,” 44 J. Corp. L. 713)

Supporters of AmEx III's two-sided netting requirement presume that this burden shifting framework is inarguably better equipped to avoid judicial errors. 19 1 But, more accurately, it would produce a tradeoff in errors. It reduces the likelihood of type one errors (mistaken finding of liability), while increasing the likelihood of type two errors (mistaken denial of liability). While one may reasonably posit that it is preferable to err on the side of non-intervention, the two error types are not equally likely. A defendant is much better informed about the broader function of its restraint and its comparative effects across the two sides. That would suggest a defendant can more capably demonstrate a plausible crossplatform efficiency than a plaintiff can refute one. As such, in cases that turn on considerations of procompetitive justifications (stage two), type one errors will be substantially less likely to arise, given that the defendant need not quantify the relevant efficiencies.

### T Prohibit

#### CI—prohibitions are implemented via legal tests—the threshold of the test determines how much or how little conduct is prohibited

Mark S. Popofsky, Antitrust Partner at Ropes and Gray, Served as Senior Counsel to DOJ Antitrust Division, Adjunct Professor of Advanced Antitrust Law and Economics at Harvard Law School and the Georgetown University Law Center, 2016, Section 2 and the Rule of Reason: Report from the Front, CPI Antitrust Chronicle March 2016 (1)

Courts remain, in the words of one observer, mired in an “exclusionary conduct ‘definition’ war.”2 Applying Section 2’s broad prohibition on “monopolizing” conduct requires courts to select a governing legal test. Section 2 legal tests run the spectrum from rules of per se legality to rules of near per se illegality.3 Courts, nonetheless, largely apply two dominant paradigms. The first consists of legal tests based on bright-line rules or safe harbors. Familiar examples include the Brooke Group4 below-cost price test for analyzing predatory pricing claims and the Aspen/Trinko5 “profit sacrifice” test for refusals to deal. Developing bright-line rules for Section 2, proponents argue, promotes business certainty and reduces the risk of chilling otherwise procompetitive conduct. The second paradigm is rule of reason balancing. Arguably the default Section 2 legal test,6 courts and commentators have described Section 2’s rule of reason in various ways: as mandating a step-wise approach, as requiring a balancing of pro- and anticompetitive effects, or (to borrow from Section 1) a framework for generating the enquiry “meet for the case.”7 However the rule of reason is expressed, its champions contend, its flexibility and fact-intensive approach permits courts to identify anticompetitive conduct without the under-inclusion that is an admitted feature of safe harbors and other bright-line rules.

#### By LOWERING the threshold for plaintiffs, the aff makes MORE CONDUCT illegal

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(“Defining Exclusionary Conduct: Section 2, The Rule Of Reason, and the Unifying Principle Underlying Antitrust Rules,” Antitrust Law Journal , 2006, Vol. 73, No. 2 (2006), pp. 435-482)

The first step in detecting an underlying principle for crafting Section 2 legal tests is to examine the comparatively few circumstances in which the legality of conduct under Section 2 is relatively clear.30 What is striking is that courts do not implement Section 2 through a single legal test. Rather, Section 2 courts often apply different liability tests to different conduct. Moreover, these liability tests (either express or implied) are "interventionist" to varying degrees. Certain conduct is unlawful only in very specific circumstances or not at all; the applicable doctrine is relatively less interventionist. For other conduct, the applicable test allows for illegality in a broader set of circumstances, and the test is more interventionist. At the extreme, certain conduct is virtually per se illegal under Section 2.

### CP DPA

#### No distinction between regulation and prohibition

Tobriner 80 – Judge, California Supreme Court

Matthew O. Tobriner, Metromedia, Inc. v. San Diego, 26 Cal. 3d 848, Supreme Court of California, April 1980, LexisNexis

For the reasons we shall offer, however, we believe that this doctrine, too, conflicts with reality and with current views of the police power. The distinction between prohibition and regulation in this case is one of words and not substance. "[Every] regulation necessarily speaks as a prohibition." ( Goldblatt v. Hempstead (1962) 369 U.S. 590, 592 [8 L. Ed. 2d 130, 133, 82 S. Ct. 987].) In the present case, for example, plaintiffs describe the ordinance as a prohibition of off-site advertising, while the city describes it as a regulation of advertising, one which limits advertising to on-site signs. Surely the validity of the ordinance does not depend on the court's choice between such verbal formulas.

### CP States

#### CP is a de facto patchwork—majority of states bound by federal precedent

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Will State Courts Follow Leegin? https://www.faegredrinker.com/webfiles/leegin\_article.pdf

This article explores yet another barrier to widespread adoption of RPM programs, one that is particularly applicable to franchisors seeking to negotiate national account pricing or to establish nationwide minimum pricing: state antitrust laws. Nearly all states have antitrust statutes, and those few that do not have such laws regulate anticompetitive conduct through consumer protection statutes or common law theories. The good news, at least for those who favor uniform national economic regulation, is that most state courts follow federal antitrust precedent, either because of statutory command or a decisional preference for uniform operation of state and federal antitrust laws. However, a significant minority of states feel themselves relatively unbound by federal precedent, and even those that do follow federal decisional law generally leave themselves an escape route if federal law varies from state statute or putative state policy goals.

This article reviews the current statutory and decisional law on RPM in the fifty states and the District of Columbia, and offers some predictions on which are likely to continue to prohibit RPM. Because this area of the law is now rapidly changing, it is also foreseeable that state legislatures will attempt to pass new statutes prohibiting RPM in reaction to Leegin. Twenty-five states did just that to permit “indirect purchasers” to sue for monetary damages after the Supreme Court held in Illinois Brick Co. v. Illinois that such purchasers lacked standing to sue under federal antitrust law. 7 Ultimately, Leegin does offer significantly greater leeway to suppliers to regulate their customers’ pricing behavior and for national account pricing programs in particular to flourish. However, during the transition to the post-Leegin world, franchisors must still take care when designing sales and distribution programs to assess the likely response of individual states to restraints on resale prices.

State Levels of Adherence

Most states have antitrust statutes containing provisions analogous to, or the same as, Section 1 of the Sherman Act. In fact, only four states—Arkansas, Vermont, Georgia, and Pennsylvania—do not. 8 Consistent with the manner in which many state statutes parallel the language of federal antitrust provisions, the majority of states also give deference to federal decisional law when interpreting their state antitrust statutes. There are exceptions for instances in which the state statutory language differs significantly from that of the Sherman Act or when the state legislature has expressed a policy interest at odds with federal precedent.

#### Rogue state DA—CP creates mass uncertainty that chills all business

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When states file antitrust cases under state statutes rather than under the Clayton or Sherman Acts, the likelihood of inconsistent and conflicting antitrust precedent is even higher. As a result, state action affects not only current cases, but can also affect future firm behavior. With mergers, the possibility of a challenge from any of the fifty states, each with its own standard of evaluation, could prevent companies from even attempting a beneficial transaction. As Lande points out, "it is confounding enough for antitrust counselors to have to contend with two potential federal enforcement agencies.

Even if state laws were identical, the interpretation and application of those laws would differ "since enforcers with divergent philosophies necessarily will interpret ambiguous terms differently in various factual contexts." Philosophical differences in approaches to antitrust enforcement are likely to stem from many sources, such as political affiliation, educational training, and personal experience. The National Association of Attorneys General (NAAG) Merger Guidelines for the states explicitly allow for this, noting that the general policy can be supplemented or varied in light of differing precedents, and "in the exercise of [the AGs'] individual prosecutorial ... discretion." While differing views can be helpful in some areas of law, such as when different states provide a testing ground for new regulations appropriate for federal adoption, this kind of experimentation is likely to be wasteful in the antitrust arena.

### CP Regs

#### Antitrust key—ex ante enforcement is extremely dangerous in platform markets—ex post litigation minimizes costs

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(Howard, “Information, Innovation, and Competition Policy For The Internet,” University of Pennsylvania Law Review, May 2013, Vol. 161, No. 6)

Competition enforcers could adopt a number of approaches to these mixed results depending on whether the changes are on balance more beneficial than harmful, or depending on whether the harms are intentional or not. Both inquiries, however, run the risk of calling into question company's best judgment about how to engineer its own products. Finding that an innovation—say a new proprietary interface or product integration is anticompetitive because the value of the innovation to consumers deemed ex post to be outweighed by the costs of competitive exclusion cause firms to hesitate to make beneficial product changes. Knowing the firm could be punished for the effects the innovation has on rivals if the innovation does not turn out well (or perhaps turns out too well for compet itors' tastes), the firm will raise the required ex ante probability of success and undertake fewer R&D efforts. Similarly, punishing a firm that has or mixed motives for undertaking innovation might harm consumers deterring product changes that benefit consumers despite the firm's partly anticompetitive motives.

Absent compelling evidence, then, caution and modesty in enforcement are warranted in this area. This prescription comes not from a glib hope that competition or innovation will somehow eradicate any harm, but from risk that intervention is as likely to make things worse as to make things better. Some have advocated for a government regulatory body to evaluate search algorithms and other intermediary behavior on the Internet.112 There are compelling reasons to be very skeptical of interposing such a government review process into the ongoing and demanding process of private innovation. Algorithms change quickly and must adapt to gaming manipulation by those seeking to profit from online search.113 Regulators are certain to know less about a new technology than those who invent work with it daily. Moreover, regulatory processes and related litigation will inevitably become part of rivals' competitive strategy, distracting resources from competition and innovation in the marketplace. A much better course is for government to give a wide berth to innovation, even where the firm's intentions may not seem benevolent and where the conduct may appear harm competition at the same time that it benefits consumers. And where there is a compelling case for harm, ex post intervention on a case-by-case basis through antitrust law is preferable to general regulation in this context.

This wide berth does not, however, mean we should abandon enforcement or place all purportedly innovative conduct beyond the reach of antitrust law. Microsoft 7/114 gave significant deference to product innovation and integration, but clearly left open the door to a finding that such activity was a ruse or pretext for anticompetitive exclusion. It allowed for antitrust liability where a product innovation was not in some way different and better than what a consumer could do for himself, thereby preserving anticompetitive tying as a possible claim against a software platform.115

Generalizing from the Microsoft II decision, where innovation was clearly a pretext for harming rivals or for deterring rival innovation, competition enforcement should be available. Two kinds of conduct which digital platforms have been accused of undertaking would appear to harm innovation without constituting legitimate innovation: raising rivals' costs and forced free riding.

#### Regulatory programs cannot address all platform conduct

Hovenkamp, James G. Dinan University Professor, University of Pennsylvania Carey Law School and The Wharton School, ‘21

(Herbert, “Antitrust and Platform Monopoly,” 130 Yale L.J. 1952)

If action is needed, the alternative to antitrust is some form of regulation. But broad regulation is ill-suited for digital platforms because they are so disparate. By contrast, regulation in industries such as air travel, electric power, and telecommunications targets firms with common technologies and similar market relationships. This is not the case, however, with the four major digital platforms that have drawn so much media and political attention—namely, Amazon, Apple, Facebook, and Google. These platforms have different inputs. They sell different products, albeit with some overlap, and only some of these products are digital. They deal with customers and diverse sets of third parties in different ways. What they have in common is that they are very large and that a sizeable portion of their operating technology is digital. To be sure, increased regulatory oversight of individual aspects of their business—such as advertising, acquisitions, or control of information—is possible and likely even desirable. But the core of their business models should be governed by the antitrust laws.

This Article argues that sustainable competition in platform markets is possible for most aspects of their business. As a result, the less intrusive and more individualized approach of the antitrust laws is better for consumers, input suppliers, and most other affected interest groups than broad-brush regulation. It will be less likely to reduce product or service quality, limit innovation, or reduce output. Where antitrust law applies, federal judges should be given a chance to apply the law.

#### If they try to, it’s too broad and harms innovation

Hovenkamp, James G. Dinan University Professor, University of Pennsylvania Carey Law School and The Wharton School, ‘21

(Herbert, “Antitrust and Platform Monopoly,” 130 Yale L.J. 1952)

Few platforms are natural monopolies. If the market contains room for competition among multiple incumbent firms, regulation is usually a poor alternative. 70 It rarely comes close to mimicking competitive behavior. Regulation necessarily generalizes and applies the same rules to several firms in an area, while antitrust requires a fact-specific inquiry for each firm. This is particularly important if the firms in question are quite diverse.

Regulation also entrenches existing technologies and, in doing so, bolsters existing incumbents. For example, the Federal Communications Commission’s (FCC) longstanding willingness to protect AT&T’s dominant position from all rivals very likely held back innovation in telecommunications for decades.71 Of course, proper regulatory design might mitigate this. But if viable and robust competitive alternatives are available, regulation usually is not the best answer.

### K Neolib

#### Perm do both – AmEx makes it impossible to challenge platform dominance – overturning it is compatible with the alt

Newman, Associate Professor, University of Miami School of Law, ‘21

(John, “The Output–Welfare Fallacy,” 107 Iowa L. Rev. (forthcoming))

Nonetheless, Justice Thomas’s opinion required the plaintiffs to prove that AmEx’s restraints caused a net “output reduction.” But the Push/Pull Effect meant that overall output effects were necessarily indeterminate as to the core question of harm. And, given that the challenged restraints maintained an information asymmetry and facilitated a negative externality, the fact that credit-card usage had been increasing actually supported—or was at least consistent with—the plaintiffs’ theory of harm.

*AmEx* is a shoddy opinion. Unless and until it is overruled, it will continue to have harmful consequences for the real-world individuals who bear the brunt of the challenged conduct. In the interim, the antitrust enterprise can safely disregard it as bad law, based on bad economics. Antitrust, more so than most other areas of law, is willing to treat especially bad judicial opinions as lacking any force.315 AmEx should meet a similar fate.

This dark cloud may carry a silver lining. AmEx may continue to be useful as a *negative* illustration. The majority opinion’s double mistake makes it a perfect illustration of why the Output–Welfare Fallacy should be rejected. Not only did Thomas assume that output is the exclusive criterion for analyzing welfare effects, he did so in a case that actually exhibited not just one, but three separate factors that can cause output to diverge from welfare. From the perspective of those who endorse outputism, Thomas and his brethren could hardly have picked a worse case in which to formally embrace it. The du Pont case of an earlier era was flawed, but it is still used in classrooms to illustrate its own mistake—the (in)famous “Cellophane Fallacy.”316 AmEx can similarly be used as a teaching tool to exemplify its own error—the “AmEx Fallacy.”

#### Their theory is too totalizing – Their link is correct in part, but does NOT mean what they think it does. The 1AC stands for the proposition that in SOME CONTEXTS the government should facilitate competitive markets and otherwise get out of the way – BUT NOT that that is how everything should be handled. It’s compatible with social insurance, public utilities, etc. – Solves the K.

**Rahman 17** – Associate professor of law at Brooklyn Law School and former visiting professor of law at Harvard Law School.

K. Sabeel Rahman, “Ch. 1: Democracy, Domination, and the Challenge of Economic Governance,” *Democracy Against Domination*, Oxford University Press 2017, pp. 3.

First, I argue here that the fundamental problem of the modern economy is best understood not as a matter of income inequality or distributive justice, but rather as a broader problem of power and domination—manifesting in the concentration of economic power in large corporations, or the power relationships baked into the very structure of the diffuse market economy. Corporations, economic elites, and even market forces themselves all exercise a kind of unchecked power over others in the economy. The purpose of governance in this view is to curtail such forms of economic power, subjecting these seemingly powerful and diffuse economic forces to democratic oversight and control.

This focus on domination points to the need for a range of structural, power-shifting reforms to our economy—for example through measures to undo concentrations of power such as antitrust limits on mega-corporations, social insurance schemes to insulate individuals from market pressures, or the creation of public utilities to ensure public oversight over critical industries. The idea of domination suggests economic regulation that, rather than prioritizing growth or efficiency, instead highlights the central moral and political challenge of reforming the basic structure and distribution of economic power to limit the ability of some actors—whether they are mega-corporations or more diffuse “market forces”—to arbitrarily interfere with the life chances of others.

#### TURN – The 1AC’s vision of political economy is good and the alt’s is terrible! No matter what, we must have an economy – Sweepingly rejecting government facilitation of competitive markets lapses into either communism or fascism, which we are impact turning – BUT the 1AC’s paradigm does not entail the conclusion that the government shouldn’t intervene in other ways and contexts which takes out most of their offense!

Coniglio, antitrust attorney in the Washington, DC office of Sidley Austin LLP, ‘20

(Joseph V., “Economizing the Totalitarian Temptation: A Risk-Averse Liberal

Realism for Political Economy and Competition Policy in a Post-Neoliberal Society,” 59

Santa Clara L. Rev. 703)

The implication of the foregoing is that the most pressing task for competition policymakers may not involve a rethinking of first principles. The principles of neoliberal competition policy may have ultimately been proven justified by an unprecedented period of economic growth, technological progress and reductions in poverty, and should presumably remain operative as long as they remain the best framework for bringing about these ends. Neither, as we have suggested, must the capitalist entrepreneur be lost in the process. The totalitarian temptation to submit to general state control of the economy-whether it be in the form of communism from below or fascism from above should be resisted so as to preserve and build upon the great prosperity Western Civilization has managed to achieve.

This statement will no doubt be highly unsatisfactory to many critics of neoliberalism who seek more fundamental and revolutionary changes. Surely, they suggest, there must be some principled basis for critiquing the neoliberal status quo with which so many are frustrated. Indeed, there very well may be, and none of the arguments in this article should be understood to the contrary. The goal of this article has been limited to a tailored defense of neoliberal principles only as they relate to competition policy, broadly understood. It does not suggest that neoliberal monetary, trade, and fiscal policies are also sound-let alone a neoliberal social order, where all the core institutions within society are organized according to the neoliberal principles of wealthmaximization, empiricism, and the rest.129 This is to say that even if neoliberalism is a sound theory as applied to the area of competition policy, neoliberal monetary policy, for example, may be problematic and a just target for contemporary critics. Similarly, claiming that competition policy should be enforced using a consumer welfare standard does not mean that all the organs of law and civil society should be oriented to maximize wealth or consumer welfare, even if this economic inquiry is nonetheless informative. 30 It is well known that several prominent neoliberals have expanded the neoliberal policy apparatus beyond the regulation of market capitalism with which antitrust is concerned to domains typically understood to be beyond a purely utilitarian purview.' 3 ' However, whatever the merits of these broader neoliberal policy programs, the competition policy baby, so to speak, should not be thrown out with the bathwater.

Consider the charge that neoliberal policies have increased wealth inequality in the United States. Some commentators attempt to link this increased inequality with a decline in competition'3 2 and, by implication, consumer welfare competition policy. Notwithstanding the interest such theories appeared to have garnered from highly distinguished economists and policymakers, such as Nobel Laureate Joe Stiglitz,133 one might alternatively consider whether increasing wealth inequality and the resultant social strife are far more a result of policies in other areas, such as monetary policy. 134 At the same time as Chicago School antitrust policy took root, the American economy began to undergo sustained expansions in the money supply and reductions in interest rates that, at least in theory, disproportionately reward the owners of financial assets, who are more likely to be wealthy. 135

Indeed, after the financial crisis, monetary policy engaged in a truly unprecedented expansion, with the Federal Reserve lowering interest rates to zero and increasing its balance sheet from approximately $900 billion before the crisis to $4.5 trillion after, most of which constituted either troublesome mortgage-backed securities or treasury bonds. 36 The share of wealth of the world's richest people roughly doubled. 37 At the same time, however, one would seem to look in vain for any shift toward an increased laissez faire competition policy during the Obama administration. Indeed, antitrust enforcement under the Obama administration arguably increased relative to the George W. Bush administration, even if only at the margins and not in the area of monopolization. 3

#### Competition in the private sector is key to drive down costs in space exploration – spurs innovation

Weinzierl and Sarang ’21 - Joseph And Jacqueline Elbling Professor Of Business Administration, Chair, Mba Required Curriculum, Business, Government And The International Economy, Research Associate at HBS | MIT Space Exploration Intitiative

Harvard Business Review, 2-12-2021, "The Commercial Space Age Is Here," <https://hbr.org/2021/02/the-commercial-space-age-is-here>

There’s no shortage of hype surrounding the commercial space industry. But while tech leaders promise us moon bases and settlements on Mars, the space economy has thus far remained distinctly local — at least in a cosmic sense. Last year, however, we crossed an important threshold: For the first time in human history, humans accessed space via a vehicle built and owned not by any government, but by a private corporation with its sights set on affordable space settlement. It was the first significant step towards building an economy both in space and for space. The implications — for business, policy, and society at large — are hard to overstate.

In 2019, [95%](https://brycetech.com/reports) of the estimated $366 billion in revenue earned in the space sector was from the space-for-earth economy: that is, goods or services produced in space for use on earth. The space-for-earth economy includes telecommunications and internet infrastructure, earth observation capabilities, national security satellites, and more. This economy is booming, and though [research shows](https://hbsp.harvard.edu/product/716037-PDF-ENG) that it faces the challenges of overcrowding and monopolization that tend to arise whenever companies compete for a scarce natural resource, [projections for its future](https://hbsp.harvard.edu/product/720027-PDF-ENG) are optimistic. Decreasing costs for launch and space hardware in general have enticed new entrants into this market, and companies in a variety of industries have already begun leveraging satellite technology and access to space to drive innovation and efficiency in their earthbound products and services.

In contrast, the space-for-space economy — that is, goods and services produced in space for use in space, such as mining the Moon or asteroids for material with which to construct in-space habitats or supply refueling depots — has struggled to get off the ground. As far back as the 1970s, [research](https://ntrs.nasa.gov/citations/19780004167) commissioned by NASA predicted the rise of a space-based economy that would supply the demands of hundreds, thousands, even millions of humans living in space, dwarfing the space-for-earth economy (and, eventually, the entire terrestrial economy as well). The realization of such a vision would change how all of us do business, live our lives, and govern our societies — but to date, we’ve never even had more than [13 people](https://www.space.com/6503-population-space-historic-high-13.html) in space at one time, leaving that dream as little more than science fiction.

Today, however, there is reason to think that we may finally be reaching the first stages of a true space-for-space economy. SpaceX’s [recent achievements](https://www.nasa.gov/press-release/nasa-s-spacex-crew-1-astronauts-headed-to-international-space-station/) (in cooperation with NASA), as well as upcoming efforts by [Boeing](https://www.nasa.gov/feature/boeing-s-starliner-makes-progress-ahead-of-flight-test-with-astronauts), [Blue Origin](https://www.blueorigin.com/news/nasa-selects-blue-origin-national-team-to-return-humans-to-the-moon), and [Virgin Galactic](https://spacenews.com/virgin-galactic-prepares-to-transition-to-operations) to put people in space sustainably and at scale, mark the opening of a new chapter of spaceflight led by private firms. These firms have both the intention and capability to bring private citizens to space as passengers, tourists, and — eventually — settlers, opening the door for businesses to start meeting the demand those people create over the next several decades with an array of space-for-space goods and services.

Welcome to the (Commercial) Space Age

In our [recent research](https://www.hbs.edu/faculty/Publication%20Files/jep.32.2.173_Space,%20the%20Final%20Economic%20Frontier_413bf24d-42e6-4cea-8cc5-a0d2f6fc6a70.pdf), we examined how the model of centralized, government-directed human space activity born in the 1960s has, over the last two decades, made way for a new model, in which public initiatives in space increasingly share the stage with private priorities. Centralized, government-led space programs will inevitably focus on space-for-earth activities that are in the public interest, such as national security, basic science, and national pride. This is only natural, as expenditures for these programs must be justified by demonstrating benefits for citizens — and the citizens these governments represent are (nearly) all on earth.

In contrast to governments, the private sector is eager to put people in space to pursue their own personal interests, not the state’s — and then supply the demand they create. This is the vision driving SpaceX, which in its first twenty years has entirely upended the rocket launch industry, securing 60% of the global commercial launch market and building ever-larger spacecraft designed to ferry passengers not just to the International Space Station (ISS), but also to its own promised [settlement on Mars](https://www.spacex.com/media/making_life_multiplanetary_transcript_2017.pdf).

Today, the space-for-space market is limited to supplying the people who are already in space: that is, the handful of astronauts employed by NASA and other government programs. While SpaceX has grand visions of supporting large numbers of private space travelers, their current space-for-space activities have all been in response to demand from government customers (i.e., NASA). But as decreasing launch costs enable companies like SpaceX to leverage economies of scale and put more people into space, growing private sector demand (that is, tourists and settlers, rather than government employees) could turn these proof-of-concept initiatives into a sustainable, large-scale industry.

This model — of selling to NASA with the hopes of eventually creating and expanding into a larger private market — is exemplified by SpaceX, but the company is by no means the only player taking this approach. For instance, while SpaceX is focused on space-for-space transportation, another key component of this burgeoning industry will be manufacturing.

[Made In Space, Inc.](https://madeinspace.us/capabilities-and-technology/archinaut/) has been at the forefront of manufacturing “in space, for space” since 2014, when it 3D-printed a wrench onboard the ISS. Today, the company is exploring other products, such as high-quality fiber-optic cable, that terrestrial customers may be willing to pay to have manufactured in zero-gravity. But the company also recently received a [$74 million contract](https://www.nasa.gov/press-release/nasa-funds-demo-of-3d-printed-spacecraft-parts-made-assembled-in-orbit) to 3D-print large metal beams in space for use on NASA spacecraft, and future private sector spacecraft will certainly have similar manufacturing needs which Made In Space hopes to be well-positioned to fulfill. Just as SpaceX has begun by supplying NASA but hopes to eventually serve a much larger, private-sector market, Made In Space’s current work with NASA could be the first step along a path towards supporting a variety of private-sector manufacturing applications for which the costs of manufacturing on earth and transporting into space would be prohibitive.

Another major area of space-for-space investment is in building and operating space infrastructure such as habitats, laboratories, and factories. Axiom Space, a current leader in this field, recently [announced](https://www.theverge.com/2021/1/26/22250327/space-tourists-axiom-private-crew-iss-price) that it would be flying the “first fully private commercial mission to space” in 2022 onboard SpaceX’s Crew Dragon Capsule. Axiom was also [awarded](https://spacenews.com/nasa-selects-axiom-space-to-build-commercial-space-station-module/) a contract for exclusive access to a module of the ISS, facilitating its plans to develop modules for commercial activity on the station (and eventually, beyond it).

This infrastructure is likely to spur investment in a wide array of complementary services to supply the demand of the people living and working within it. For example, in February 2020, Maxar Technologies was awarded a [$142 million contract](https://www.builtincolorado.com/2020/02/03/maxar-technologies-142m-nasa-contract) from NASA to develop a robotic construction tool that would be assembled in space for use on low-Earth orbit spacecraft. Private sector spacecraft or settlements will no doubt have need for a variety of similar construction and repair tools.

### DA FTC

#### Non-unique and turn—defense-friendly standards increases cost and reduces impact of agency enforcement

Alison Jones, Professor of Law at King's and a solicitor at Freshfields Bruckhaus Deringer LLP, and William E. Kovacic, George Mason University Foundation Professor at the George Mason University School of Law, former FTC Commissioner, 2020, Antitrust’s Implementation Blind Side: Challenges to Major Expansion of U.S. Competition Policy, The Antitrust Bulletin 2020, Vol. 65(2) 227-255

Measures to expand federal antitrust intervention dramatically—through the prosecution of lawsuits or the promulgation of trade regulation rules—will face arduous opposition from the affected businesses. Assuming that litigation will provide the main method in the coming few years to attack positions of single-firm or collective dominance, the targets of big antitrust cases will marshal the best talent that private law firms, economic consultancies, and academic bodies can offer to oppose the government in court. The defense will benefit from doctrinal principles that generally are sympathetic to dominant firms (again, we assume that legislation to change the doctrinal status quo will not be immediately forthcoming). Beyond a certain point, the addition of new, high stakes cases to the litigation portfolio of public antitrust agencies will create a serious gap between the teams assembled for the prosecution and defense, respectively. Although therefore the public agencies can match the private sector punch for the punch when prosecuting several major de-monopolization cases, when the volume of such cases rises from several to many, the government agencies may have to rely on personnel with considerably less experience to develop and prosecute difficult antitrust cases, seeking powerful remedies upon global giants.

#### Turn—*Amex* requirement eats up agency resources

Ben Brody, Bloomberg, U.S. Google Monopoly Case Could Hit Supreme Court AmEx Hurdle, August 28, 2020, <https://www.bloomberg.com/news/articles/2020-08-28/u-s-google-monopoly-case-could-hit-supreme-court-amex-hurdle>

Google’s lucrative search ad business sells advertising space to brands around the results it provides to consumers. It also plays a key intermediary role connecting buyers and sellers of digital display ads across the web, and as a seller of display ad space for its YouTube video unit. Investigators have looked into all three, Bloomberg has reported.

Antitrust experts said that one reason for the delay in the Google lawsuit, which was expected in July, could be that government lawyers needed more time to construct the case to meet the standards in the AmEx ruling.

“That’s a complex, lengthy complaint to draft, and that takes time,” said Spencer Weber Waller, director of the Institute for Consumer Antitrust Studies at Loyola University Chicago. The government would probably have to create a “a belt-and-suspenders approach” that says why it would win under two kinds of market definitions, he said.

#### No internal link—agency resources ineffective b/c they drive away the best talent

Alison Jones, Professor of Law at King's and a solicitor at Freshfields Bruckhaus Deringer LLP, and William E. Kovacic, George Mason University Foundation Professor at the George Mason University School of Law, former FTC Commissioner, 2020, Antitrust’s Implementation Blind Side: Challenges to Major Expansion of U.S. Competition Policy, The Antitrust Bulletin 2020, Vol. 65(2) 227-255

The modern critique of the U.S. system often describes the federal agencies as captured by the business community or beholden to ideas that disfavor robust intervention.143 Advocates of change suggest that the execution of their reform program at the federal antitrust agencies will require the appointment of senior managers and new staff who repudiate the consumer welfare standard, or at least embrace a vision for expanded enforcement under the consumer welfare, and embrace the multidimensional conception of the proper goals of competition law. Those already employed by the enforcement agencies as managers and staff will be expected to accept the expanded (goals) framework or they will find their duties reduced and their roles marginalized. New appointees to top leadership positions will not be tainted by substantial previous experience in the private sector, nor will they have spent too much time as civil servants in a government enforcement culture that assumed the primacy of consumer welfare as the aim of antitrust law and accepted norms that tilted toward underenforcement. The concern about compromised motives is also likely to disqualify many academics who, though sympathetic to some expansion of antitrust enforcement, remain excessively beholden to some notion of a consumer (rather than citizen) welfare standard, or have engaged in consulting on behalf of large corporate interests.

One consequence of the acute anxiety about capture is to slam the revolving door shut, or at least to slow the rate at which it spins. We offer two cautions about this approach. First, the modern experience of the FTC raises reasons to question the strength of the theory. For example, if business perspectives dominate the FTC, why did the agency persist in its efforts to challenge reverse payment agreements involving leading pharmaceutical producers?144 Was it because the pharmaceutical firms weren’t as good at lobbying as, say, the information services giants? And what explains the FTC’s decision to sue Qualcomm for monopolization early in 2017?145 Is this simply attributable to the inadequacy of Qualcomm’s Washington, DC, lobbyists, or is the capture explanation for the behavior of the federal antitrust agencies not entirely airtight?

Our second caution is that severe restrictions on the revolving door could deny the federal agencies access to skills they will need to carry out a major expansion of antitrust enforcement. Recruiting attorneys, economists, and other specialists from the private sector can give the agencies a vital infusion of talent which, when combined with agency careerists, permit the creation of project teams that can equal the capability of the best teams that the defense can mount in major litigation matters. We also are wary of the idea that an attorney or economist coming from the private sector will discourage effective intervention during the period of public service as a way to pave the road to a better private sector position upon leaving the agency. Rather, there is evidence to suggest that creating a reputation for aggressiveness and toughness as an enforcer increases one’s post-agency employment options. More than a few individuals have development prosperous careers based on piloting businesses through navigational hazards that they helped create while they were senior officials in public agencies.

#### Platform monopoly enables algorithmic discrimination

Noble, PhD, Associate Professor of Gender Studies and African American Studies at the University of California, ‘18

(Safiya Umoja, *Algorithms of Oppression: How Search Engines Reinforce Racism*, New York University Press, p. 36–38)

Google has become a ubiquitous entity that is synonymous for many everyday users with “the Internet” itself. From serving as a browser of the Internet to handling personal email or establishing Wi- Fi networks and broadband projects in municipalities across the United States, Google, unlike traditional telecommunications companies, has unprecedented access to the collection and provision of data across a variety of platforms in a highly unregulated marketplace and policy environment. We must continue to study the implications of engagement with commercial entities such as Google and what makes them so desirable to consumers, as their use is not without consequences of increased surveillance and privacy invasions and participation in hidden labor practices. Each of these enhances the business model of Google’s parent company, Alphabet, and reinforces its market dominance across a host of vertical and horizontal markets.22 In 2011, the Federal Trade Commission started looking into Google’s near- monopoly status and market dominance and the harm this could cause consumers. By March 16, 2012, Google was trading on NASDAQ at $625.04 a share, with a market capitalization of just over $203 billion. At the time of the hearings, Google’s latest income statement, for December 2011, showed gross profit at $24.7 billion. It had $43.3 billion cash on hand and just $6.21 billion in debt. Google held 66.2% of the search engine market industry in 2012. Google Search’s profits have only continued to grow, and its holdings have become so significant that the larger company has renamed itself Alphabet, with Google Search as but one of many holdings. By the final writing of this book in August 2017, Alphabet was trading at $936.38 on NASDAQ, with a market capitalization of $649.49 billion.

The public is aware of the role of search in everyday life, and people’s opinions on search are alarming. Recent data from tracking surveys and consumer- behavior trends by the comScore Media Metrix consumer panel conducted by the Pew Internet and American Life Project show that search engines are as important to Internet users as email is. Over sixty million Americans engage in search, and for the most part, people report that they are satisfied with the results they find in search engines. The 2005 and 2012 Pew reports on “search engine use” reveal that 73% of all Americans have used a search engine, and 59% report using a search engine every day.23 In 2012, 83% of search engine users used Google. But Google Search prioritizes its own interests, and this is something far less visible to the public. Most people surveyed could not tell the difference between paid advertising and “genuine” results.

If search is so trusted, then why is a study such as this one needed? The exploration beyond that first simple search is the substance of this book. Throughout the discussion of these and other results, I want to emphasize the main point: there is a missing social context in commercial digital media platforms, and it matters, particularly for marginalized groups that are problematically represented in stereotypical or pornographic ways, for those who are bullied, and for those who are consistently targeted. I use only a handful of illustrative searches to underscore the point and to raise awareness— and hopefully intervention— of how important what we find on the web through commercial search engines is to society.

Google’s monopoly status,25 coupled with its algorithmic practices of biasing information toward the interests of the neoliberal capital and social elites in the United States, has resulted in a provision of information that purports to be credible but is actually a reflection of advertising interests. Stated another way, it can be argued that Google functions in the interests of its most influential paid advertisers or through an intersection of popular and commercial interests. Yet Google’s users think of it as a public resource, generally free from commercial interest. Further complicating the ability to contextualize Google’s results is the power of its social hegemony.26 Google benefits directly and materially from what can be called the “labortainment”27 of users, when users consent to freely give away their labor and personal data for the use of Google and its products, resulting in incredible profit for the company.

There are many cases that could be made to show how overreliance on commercial search by the public, including librarians, information professionals, and knowledge managers— all of whom are susceptible to overuse of or even replacement by search engines— is something that we must pay closer attention to right now. Under the current algorithmic constraints or limitations, commercial search does not provide appropriate social, historical, and contextual meaning to already overracialized and hypersexualized people who materially suffer along multiple axes. In the research presented in this study, the reader will find a more meaningful understanding of the kind of harm that such limitations can cause for users reliant on the web as an artifact of both formal and informal culture.28 In sum, search results play a powerful role in providing fact and authority to those who see them, and as such, they must be examined carefully. Google has become a central object of study for digital media scholars,29 due to recognition on these scholars’ parts of the power and impact wielded by the necessity to begin most engagements with social media via a search process and the near universality with which Google has been adopted and embedded into all aspects of the digital media landscape to respond to that need. This work is addressing a gap in scholarship on how search works and what it biases, public trust in search, the relationship of search to information studies, and the ways in which African Americans, among others, are mediated and commodified in Google.

#### FTC isn’t enforcing effectively AND doesn’t have requisite legal authority to solve their internal links

EPIC ’21 – Electronic Privacy Information Center

“What the FTC Could Be Doing (But Isn’t) To Protect Privacy” June 2021, <https://epic.org/documents/epic-ftc-unused-authorities-report-june2021-2/>

Defenders of the FTC’s lack of effective privacy enforcement have argued that the agency does not have sufficient regulatory or penalty authorities to address the privacy threats posed by modern internet services. And it is true that there are significant limitations in the patchwork of data protection authorities at the FTC’s disposal. For example, the procedures by which the FTC can define unfair and deceptive practices are unnecessarily onerous, and the Commission is limited in its ability to penalize first- time data protection offenders. For these (and many other) reasons, Congress must move quickly to establish a strong, independent, and adequately funded data protection agency.

But the FTC’s failure to rein in the widespread misuse of personal data is not just a function of its limited statutory powers. Too often, the FTC has neglected to use the authority Congress has already given it. The Commission’s repeated failure to take meaningful enforcement action and to block harmful mergers has allowed abusive data practices by Facebook, Google, and other industry giants to flourish. Some statutory authorities, including the FTC’s power to promulgate trade rules, have simply never been used to advance the Commission’s data protection mission.

## 1AR

### Platforms

#### Most recent decisions prove it applies to big tech

Guggenberger, Executive Director, Yale Information Society Project, Research Scholar & Lecturer in Law, Yale Law School, and Affiliate, Berkman Klein Center for Internet &

Society, ‘21

(Nikolas, “Essential Platforms,” 24 Stan. Tech. L. Rev. 237)

While the Supreme Court’s ruling in American Express creates further obstacles to antitrust enforcement in general, thus far, it is unclear to what extent the Court’s conceptualization of two-sided markets applies to digital platforms.355 Earlier this year, the District Court for the District of Delaware rejected the Department of Justice’s argument that the reasoning in American Express was limited to the credit card industry.356 Though in American Express, the Supreme Court expressly singled out “two-sided transaction platforms”357 and distinguished between markets on which “the impacts of indirect network effects and relative pricing in that market are minor.”358 For example, the court notes that markets with minor network effects include newspapers that rely on advertising revenue, suggesting that American Express might not apply to markets for newspapers. Tim Wu rightly suggests that this can only be understood to mean that the major advertisement financed communication platforms do not fall under the Court’s approach in American Express. 359 Building on Wu’s notion of advertisement-financed Big Tech as Attention Merchants,360 John Newman provides a helpful alternative conceptualization: one might understand the entire market as a vertical distribution system for attention.361 Thus, it can be inferred that the Court’s holding in American Express cannot apply to advertising-based digital platforms by its own economic logic.

For e-commerce platforms, however, these limitations of American Express offer limited solace. Consider two examples. On the one hand, Amazon Marketplace brings buyers and sellers together and, at its core, represents the prototype of a two-sided transaction platform under American Express. 362 On the other hand, Google’s general search engine and Facebook’s social media platforms should clearly fall out of American Express’ scope as it is mainly funded through contextual and behavioral advertisement. The case is less clear for paid ad placements on Google’s site that are displayed as search results. In this context, courts might argue that Google, in fact, directly facilitates transactions between end users and advertisers. The application of the court’s approach to app stores appears equally unclear. Both the Google Play store and the Apple App Store feature elements of two-sided transaction platforms and the type of advertisement funded markets that the Court distinguished in American Express. Some apps are offered for “sale” or as a subscription model and some are free of monetary charges. For the former, the app stores facilitate transactions in the sense of American Express. The latter rely on advertisements. Moreover, Apple, charges app providers up to a 30% commission for individual transactions conducted through the Apple ecosystem,363 for example, which further complicates matters, when combined with advertisement-based funding structures.

#### Even if technically limited it chills enforcement

Marshall Steinbaum and James Biese, Oxford, Policy Failure: The Role of “Economics” in AT&T-Time Warner and American Express, July 25, 2018, <https://www.law.ox.ac.uk/business-law-blog/blog/2018/07/policy-failure-role-economics-att-time-warner-and-american-express>

While the lingering questions over the reliability of credit card industry–funded research are bad enough, it is clear that the defendant-friendly burdens of proof endorsed by the court in American Express will be used as a blueprint to chill antitrust enforcement in other industries. Despite an ill-defined attempt by the majority opinion to limit its reach to markets similar to the credit card market, past experience shows that lower courts will read the theoretical speculation in the Supreme Court opinion broadly. Indeed, defendants in two labor market monopsony cases, one pertaining to the NCAA and the other to UFC Mixed Martial Arts, are already arguing that, just like the Supreme Court’s decision in American Express, they cannot be held liable for exercising their monopsony power over their workers unless plaintiffs show harm to consumers. This is yet another example of the fact that existing antitrust law is not strong enough to target the issue of labor market monopsony.

Furthermore, we know that some of the most flagrant exercises of market power apparent in the modern economy are to be found in tech-sector platform firms who will attempt to claim the type of “two-sided market” mantle that was effectively immunized by American Express.

### Search

#### High bar for plaintiffs makes the case for SWEEPING legislation stronger

David McLaughlin, Bloomberg, Antitrust Crusader Lina Khan Faces a Big Obstacle: The Courts, June 23, 2021, <https://www.bloomberg.com/news/articles/2021-06-23/tech-antitrust-lina-khan-faces-courts-as-challenge-to-ftc-s-progressive-agenda>

The FTC has suffered some stinging defeats recently. Last year, the agency lost a major monopoly case filed against chipmaker Qualcomm. In April, a unanimous Supreme Court eliminated a tool used by the FTC to recover money for defrauded consumers. Later this month, a federal judge in Washington is expected to rule on whether the agency’s monopoly lawsuit against Facebook can proceed.

Still, there’s widespread agreement that the status quo is no longer tenable. Over the last two decades, concentration has risen in industries across the economy. Some economists say dominant companies can use their market power to suppress wages, for example, exacerbating inequality. The worries are bipartisan. Republicans and Democrats alike are pushing for antitrust reforms to rein in the biggest tech platforms, and Khan was confirmed by the Senate with significant Republican support.

Big losses in the courts would eventually hurt Khan’s authority and demoralize her staff, says William Kovacic, a former FTC chairman who now teaches at George Washington University Law School. “You become like a sports team that is known to its opponents as unable to win,” he says. But defeats also could provide the foundation for the kind of sweeping antitrust legislation that Khan and her supporters want.

“If you want to change the world, at some point it goes to the courts or it goes to the legislature,” Kovacic says. “But you can’t do it by yourself.”

Lawmakers in Congress are already moving to give antitrust enforcers new authority to take on companies. A package of bills introduced earlier this month in the House would toughen merger reviews for tech firms, change how they treat businesses that depend on their platforms, and prohibit certain products and services. Many of the ideas are modeled on the recommendations in the House antitrust report that Khan helped write.

#### Agency INABILITY to win creates a slippery slope

Portuese, director of antitrust and innovation policy at ITIF, adjunct professor of law at the Global Antitrust Institute of George Mason University, ‘21

(Aurelien, “Principles of Dynamic Antitrust: Competing Through Innovation,” June 14, <https://itif.org/publications/2021/06/14/principles-dynamic-antitrust-competing-through-innovation>)

Indeed, the constantly insecure regulatory environment within which entrepreneurs would evolve may generate risk-averse attitudes that contradict the culture inherent to the entrepreneurial adventure.

Also, the reversal of the burden of proof may constitute a gross violation of constitutional rights. It would single out antitrust cases (wherein such a reversal would take place) as opposed to other areas of law (where no such reversal would occur).

Beyond the imperative to retain the burden of proof on antitrust enforcers to demonstrate possible antitrust violations, the standard of proof must not be lowered for superficial reasons. Some argue that antitrust enforcers should find antitrust violations with decreased evidentiary thresholds regarding the standard of proving a violation because of the complexity of today’s economy.68

These claims are misguided: The economy’s complexity has always come together with the refinement and expertise of antitrust enforcers. Indeed, antitrust enforcement adapts to the economy, and antitrust enforcers have traditionally brought forward complex cases in light of the technology and complexity of their times. Antitrust enforcers could investigate railroad companies more than a hundred years ago inasmuch as they can investigate a social media platform today. Tools adapt as the situation evolves.

The standard of proving responsibility must be preserved; otherwise, such a slippery slope may pervert not only antitrust enforcement but also any areas of law wherein the difficulty for administrative agents to find guilt may constitute the basis of, not of the absence of responsibility for, the lowered standard of proof. In other words, the agencies may almost always win cases, as seemingly advocated by Neo-Brandeisians.

Consequently, dynamic antitrust would enhance the rule-of-law principles and strengthen the role of the courts in the evolutionary process of antitrust laws. Dynamic antitrust enforcement would generalize the rule of reason with traditional evidentiary standards. These simple but fundamental premises upon which rests the rule of law are foundational principles for dynamic antitrust enforcement.

### Conduct

#### We respond with nukes.

Lewis 18 – Director of the East Asia Nonproliferation Program, The James Martin Center for Nonproliferation Studies

Jeffrey Lewis, ““WannaCry” About Trump’s Nuclear Posture Review? The Global Implications of Deterring Cyber Attacks With Nuclear Weapons,” NTI, June 2018, https://www.nti.org/analysis/articles/wanna-cry-about-trumps-nuclear-posture-review/

The two new sentences added in the 2018 Nuclear Posture Review do something unprecedented. While both the 2010 and 2018 Nuclear Posture Reviews restrict the use of nuclear weapons to “extreme circumstances,” the two documents now differ dramatically in what counts as “extreme.”

“Extreme circumstances could include significant non-nuclear strategic attacks. Significant non-nuclear strategic attacks include, but are not limited to, attacks on the U.S., allied, or partner civilian population or infrastructure, and attacks on U.S. or allies’ nuclear forces, their command and control, or warning and attack assessment capabilities.” [3]

The 2010 Nuclear Posture Review, produced under Barack Obama, did not attempt to define extreme circumstances. Many observers thought that additional specificity would be unwise. The Trump Administration disagreed, and added the sentences that begin to define extreme circumstances, in the process creating a new conceptual category for our strategic lexicon — the “significant non-nuclear strategic attack.” [4]

This is a conceptually important moment. The Trump Administration has created a new basket of non-nuclear contingencies that might warrant a nuclear response. I suspect I will not like what gets put in it. Over time, this basket will fill as officials elaborate on the meaning of the document or speculate about new threats. There is every possibility that the term “extreme circumstances,” now laden with non-nuclear strategic attacks, will come to include rather workaday scenarios that are not extreme at all.

The NPR defines “significant non-nuclear strategic attacks” only by example, with the document noting they include large-scale conventional aggression, attacks with chemical and biological weapons, and most notably attacks in cyber space, particularly against U.S. nuclear command-and-control capabilities.

It is that last possibility that has caused the most alarm. The NPR makes repeated references to the development of new non-nuclear technologies that may require a nuclear response, often specifying the development of “cyber” capabilities as an example. The draft NPR announced that “the President will have an expanding range of limited and graduated options to credibly deter Russian non-nuclear or nuclear strategic attacks, which could now include attacks against U.S. NC3, in space and cyber space.” [5] In response to criticism, the Trump Administration deleted that last clause — obscuring the meaning without changing it. [6]

### CP Regs

#### No agency authority

Shelanski, JD, PhD, Professor @ the Georgetown University Law Center, Partner, Davis Polk & Wardell, former ORIA Administrator, former FCC Chief Economist, former Director of the FTC Bureau of Economics, ‘11

(Howard, “The Case for Rebalancing Antitrust and Regulation,” 109 Mich. L. Rev. 683)

When changes in technology, consumer preferences, or other market conditions alter or weaken the rationale for regulation, changes and the means and objectives of regulatory agencies are likely to follow. Harm to consumers through the exercise of monopoly power may diminish in magnitude while harm to consumers through anticompetitive conduct, either in collusion with or against emerging competitors, becomes an increasing concern. Rules that specify or limit conduct as a whole ex ante may give rise to standards for judging conduct on a case-by-case basis ex post. But this transition may leave regulators with the challenge of managing potential gaps in market oversight. Leaving a market with a dominant player and emerging entrants to its own competitive devices might work in some settings, but in others it will allow the dominant firm to maintain its market position and exclude rivals. Some regulatory statutes may give agencies the authority to intervene in a more targeted way to punish or enjoin anticompetitive behavior ex post, thereby freeing the agency to eliminate costly ex ante rules without losing regulatory leverage altogether. But often such authority will not exist or, in the case of the Communications Act, be ambiguous at best.' 9 The natural backstop at such a point is antitrust enforcement.

#### Regulation links and is more costly to industry long-term

Shelanski, JD, PhD, Professor @ the Georgetown University Law Center, Partner, Davis Polk & Wardell, former ORIA Administrator, former FCC Chief Economist, former Director of the FTC Bureau of Economics, ‘11

(Howard, “The Case for Rebalancing Antitrust and Regulation,” 109 Mich. L. Rev. 683)

After several years of experience trying to set UNE rates based on forward-looking cost and successfully defending the rate setting mechanism in court, the FCC declared the enterprise to be counterproductive. First, the commission found that the pricing rules "have proven to take a great deal of time and effort to implement. . .. The drain on resources for the state commissions and interested parties can be tremendous."'8' The FCC further observed that "these complicated and time-consuming proceedings may work to divert scarce resources from carriers that otherwise would use those resources to compete in local markets."' Second, the commission found the costly proceedings to produce inconsistent results:

[F]or any given carrier there may be significant differences in rates from state to state, and even from proceeding to proceeding within a state. We are concerned that such variable results may not reflect genuine cost differences but instead may be the product of the complexity of the issues, the very general nature of our rules, and uncertainty about how to apply those rules.'

Finally, the FCC found that "[t]he lack of predictability in UNE rates is difficult to reconcile with our desire that UNE prices send correct economic signals."'84 As the commission's observation about incorrect economic signals indicates, the rate-setting function of monopoly regulation is costly not only in its administrative burdens, but in its effects on economic incentives of market participants.

The FCC example shows that one cannot presume that regulatory processes are more accurate or efficient than antitrust. Just as mistaken antitrust enforcement can deter innovation or other beneficial conduct, regulatory errors can be costly to consumers and the regulated firm alike. If regulators set rates too high, then price regulation is not protecting consumers very well, yet is still incurring administrative costs and distorting incentives. Consumers might be better off with competition that, although perhaps less efficient from a cost standpoint, does a better job of disciplining pricing behavior. If, on the other hand, regulators set prices too low, then the regulated firm might have trouble attracting the financial investment necessary to maintain, develop, and deploy capital in the way that best benefits consumers in the long run.

Even if one assumes there is no industry capture and no political or economic distortion of individual regulators' incentives, regulation is unlikely to be error-free. Just like errors in antitrust enforcement, regulatory errors have potentially serious consequences for consumer welfare and firms' incentives. There are likely to be substantial costs incurred through agency oversight and firms' compliance with regulation as well. There thus seems little basis to presume, as the Court appears implicitly to do in Trinko, that the costs of regulation are of lesser concern than are the costs of antitrust enforcement. There are, however, reasons why the costs of regulation relative to those of antitrust are likely to rise as an industry moves from the concentrated structures that originally motivated regulation to competition.

#### Uncertain standards deter investment

Shelanski, JD, PhD, Professor @ the Georgetown University Law Center, Partner, Davis Polk & Wardell, former ORIA Administrator, former FCC Chief Economist, former Director of the FTC Bureau of Economics, ‘11

(Howard, “The Case for Rebalancing Antitrust and Regulation,” 109 Mich. L. Rev. 683)

To illustrate, suppose regulators want to protect buyers from a monopolist's exercise of its market power and allow the seller only a "fair" or competitive rate of return on its sales. Mistakes in setting the rates could either deliver consumers too little benefit compared to monopoly pricing (if the regulated rate is too high) or deter efficient levels of investment by the regulated firm (if the regulated rates are too low). In either case, it is still possible for the regulated rates to improve both consumer welfare and total welfare. If the regulated prices are lower than those the monopolist would charge unconstrained, then the buyers are still better off even if the regulator overshoots the fair-return benchmark. If the regulated prices are too low, then consumers will at least temporarily gain through lower prices and the regulated firm can seek redress through a new rate tariff.

The emergence of competition in regulated markets increases both the likelihood of rate-setting errors and their potential costs because the rate affects not just consumer surplus and incumbent carriers' decisions, but the incentives of the new entrants as well. Competitive entry has important welfare consequences for consumers who would benefit from the competition and innovation it could yield. If regulators set prices too low, potential entrants will stay out of the market. This is particularly true when firms must make large, fixed investments in infrastructure to provide service. In regulating the incumbent's rates, therefore, regulators in a market undergoing transition to competition must also consider whether the rates provide the return competitors need to attract investment and profitably enter the market; new entrants will not be able to attract customers if they set prices above the incumbent's rate. In their efforts to restrain a dominant firm's perceived market power, regulators risk deterring the competitive entry that could improve long-run consumer welfare and ultimately obviate the need for regulation at all.

### DA FTC

#### They’re not taking action – don’t have requisite authority from Congress to fully enforce AND not using current tools at their disposal – most recent evidence proves theyre doing nowhere near enough to solve an impact

Riley 9/20/2021 –

Tonya Riley, “Democrats urge FTC to make privacy rules while fight over a federal law drags on” 9/20/2021, <https://www.cyberscoop.com/ftc-democrats-privacy-law-rulemaking/>

Nine Senate Democrats are urging the Federal Trade Commission to make new data privacy rules that will work in parallel with the long-running effort by Congress to reach an agreement on a federal privacy law.

Lawmakers are urging the agency to look at better protecting vulnerable communities from discriminatory data practices, as well as requiring companies to get consumers to explicitly opt into having their data collected.

“We believe that a national standard for data privacy and security is urgently needed to protect consumers, reinforce civil rights, and safeguard our nation’s cybersecurity,” the group of Senators led by Richard Blumenthal, D-Conn., wrote.

The letter comes in response to frustrations that the FTC’s current rules against unfair and deceptive practices have proven ineffective to take on major privacy violations and data breaches by technology companies. Leaning on the authority in lieu of strong national privacy protections has forced the agency to “be reactive, not proactive,” Jessica Rich, former director at the bureau of consumer protection at the FTC, recently told CyberScoop.

“Continuous high-profile and costly privacy violations and data breaches have shown the limits of the FTC’s general prohibition on unfair and deceptive practices,” the senators wrote. “Big Tech companies have routinely broken their promises to consumers and neglected their legal obligations, only to receive wrist-slap punishments after long delay, providing little relief to consumers, and with minimal deterrent effect.”

Members say in the letter that the FTC’s Magnuson-Moss rulemaking process, which requires extensive public comment and discussion, would contribute to congressional efforts to develop federal privacy law. The agency recently voted along party lines to streamline that process to make it less cumbersome.

Congress has debated more than half a dozen dueling proposals for federal privacy legislation in recent years, including legislation brought at some point by nearly all of the letter’s signatories. None have made it to a final vote.

The call for action from the Senate follows efforts in the House last week to advance a that would set up a $1 billion dollar privacy bureau within the FTC.

An FTC spokesperson confirmed that the agency received the letter but declined to comment.

#### Every defendant will invoke *Amex*

Sagers is the the James A. Thomas Distinguished Professor of Law at the Cleveland State University and Faculty Director of the Cleveland-Marshall Solo Practice Incubator, ‘18

(Chris, "Ohio v. American Express: Clarence Thomas Sets Sail on a Sea of Doubt, and, Mirabile Dictu, It’s Still a Bad Idea," June 27, 2018, https://promarket.org/2018/06/27/ohio-v-american-express-clarence-thomas-sets-sail-sea-doubt-mirabile-dictu-still-bad-idea/)

A larger problem is where all this might stop. Strictly speaking, the theory purports to apply only when narrowly specified circumstances are present, and Amex further limits it to “transaction platforms” in which “indirect network effects” are strong (slip op. at 12-13 & n.9). But we can expect every antitrust defendant and their sister to start claiming that their business is two-sided, and lower courts will find reason within the theory to give their claims the time of day. After all, even a brick-and-mortar retail store is “two-sided” in the sense that it must balance the demands of suppliers and customers. It may plausibly be to everyone’s benefit if store owners use collusion or coercion to give benefits to one side at the expense of the other. Or whatever. (Honestly, I’m not sure why Amex doesn’t imply that every antitrust case should just be an exercise in general equilibrium theory.) And yes, I know, the brilliant women and men currently selling this theory can explain why it will not have those consequences. But they sadly are not the judges who will decide the cases, and they seem unaware or unconcerned with the motive and opportunity that courts and litigants will have to abuse their work.

#### Aff deters this conduct

Baker, Professor of Law, Washington College of Law, American University, Washington, D.C. From 1995 to 1998, he served as Director, Bureau of Economics, Federal Trade Commission, Washington, D.C, ‘03

(Jonathan B., “The Case for Antitrust Enforcement,” Journal of Economic Perspectives, Volume 17, Number 4, Fall 2003, p. 27-50)

Deterrence

As with legal rules generally, from tort law to tax policy, the antitrust laws create incentives that shape the behavior of all firms, including those never found in violation. The most difficult part of quantifying the benefits of antitrust enforcement is that the primary benefits may come from the deterrence of anticompetitive conduct, which is then never observed. If one were studying the effects of speed limits on driving speeds, it would be peculiar to consider only whether drivers who were given tickets on one day drove more slowly the next—ignoring the impact of speed limit enforcement generally on the vast majority of drivers who are not ticketed. Similarly, many managers may never personally be involved in an antitrust case, but they hear about others who are, and they learn about the rules through guidance provided by their firm’s antitrust counsel. Threat of antitrust enforcement may deter anticompetitive actions in all markets, not just those where antitrust prosecutions occur. Estimating the size of this deterrent effect is difficult, but there is surely a severe downward bias to any estimate of the benefits of antitrust enforcement based solely on those cases that are prosecuted or the consent decrees that are adopted. The deterrent effects of the antitrust laws may be particularly important for protecting competition in markets where technology may change more rapidly than antitrust can act—both in preventing today’s violators from harming competition again in new markets and in deterring tomorrow’s firms from engaging in antitcompetitive acts in other high-technology industries.

#### Bathtubs kill more people than terrorism

Mueller and Stewart 10/29/18 [John Mueller is Woody Hayes Senior Research Scientist, Mershon Center for International Security Studies, and adjunct professor of Political Science, at Ohio State University. He is also a Senior Fellow at the Cato Institute in Washington. Mark G. Stewart is Professor of Civil Engineering and Director of the Centre for Infrastructure Performance and Reliability at The University of Newcastle in Australia. Terrorism and Bathtubs: Comparing and Assessing the Risks. October 29, 2018. https://www.tandfonline.com/doi/abs/10.1080/09546553.2018.1530662?journalCode=ftpv20]

The likelihood that anyone outside a war zone will be killed by an Islamist extremist terrorist is extremely small.

MARKED

In the United States, for example, some six people have perished each year since 9/11 at the hands of such terrorists—vastly smaller than the number of people who die in bathtub drownings. Some argue, however, that the incidence of terrorist destruction is low because counterterrorism measures are so effective. They also contend that terrorism may well become more frequent and destructive in the future as terrorists plot and plan and learn from experience, and that terrorism, unlike bathtubs, provides no benefit and exacts costs far beyond those in the event itself by damagingly sowing fear and anxiety and by requiring policy makers to adopt countermeasures that are costly and excessive. This article finds these arguments to be wanting. In the process, it concludes that terrorism is rare outside war zones because, to a substantial degree, terrorists don’t exist there. In general, as with rare diseases that kill few, it makes more policy sense to expend limited funds on hazards that inflict far more damage. It also discusses the issue of risk communication for this hazard