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# 1AC

## 1AC

### 1AC – Competitiveness

#### Contention one: Competitiveness

#### Dominant digital platforms gatekeep access to markets by both operating a platform and marketing their own goods on it. Only structural prohibitions prevent barriers to entries posed by companies’ structure, not just the scale of their market power.

Khan ’19 [Lina; Chairperson @ Federal Trade Commission, JD @ Yale Law School; “The Separations of Platforms and Commerce,” *Columbia Law Review* 119(4), p. 973-1098; AS]

A handful of digital platforms exert increasing control over key arteries of American commerce and communications. Structuring access to markets, these firms function as gatekeepers for billions of dollars in economic activity. By virtue of setting marketplace rules for the millions of merchants, producers, and developers dependent on their infrastructure, dominant platforms today “function as regulators.”3

As these platforms further concentrate market power, there are rising concerns about their size—usually in reference to the large share that each firm captures of its primary markets.4 Yet an equally important question concerns not the scale of these companies but their structure. One feature dominant digital platforms share is that they have integrated cross business lines such that they both operate a platform and market their own goods and services on it. This structure places dominant platforms in direct competition with some of the businesses that depend on them, creating a conflict of interest that platforms can exploit to further entrench their dominance, thwart competition, and stifle innovation.5 Consider Spotify’s effort to reach users through Apple’s iPhone while Apple sought to promote Apple Music. In 2016, Spotify revealed that Apple had blocked the streaming application from the App Store, “continu[ing] a troubling pattern of behavior by Apple to exclude and diminish the competitiveness of Spotify on iOS and as a rival to Apple Music.”6 Or take the challenge faced by Yelp, Foundem, and scores of online services to reach internet users while Google sought to build out its own competitor offerings.7

In Europe and India, competition authorities have found that Google ranks its own services higher than those offered by rivals, a “search bias” that means anyone competing with Google properties may effectively disappear from Google search results.8 Merchants that rely on Amazon to reach consumers are in a similar bind: Not only must they jostle for placement against Amazon’s own goods, but they also face the constant risk that Amazon will spot their bestselling items and produce them itself.9 Facebook, equipped with technology that lets it detect which rival apps are succeeding, would often give companies a choice: Be acquired by Facebook, or watch it roll out a direct replica.10 Competing with one of these giants on the giant’s own turf is rife with hazards.

Venture capitalists now factor this risk into their investment decisions.11 Indeed, the power of these gatekeeper platforms to steer the fate of countless other firms is described by entrepreneurs and investors as “having a profound impact on innovation in Silicon Valley”12 and “choking off the start-up world.”13 Venture capitalists now discuss a “kill-zone” around digital giants—“areas not worth operating or investing in, since defeat is guaranteed.”14 Discussing how tech platform giants today use their integrated structure to undermine rivals, a product manager who worked for Microsoft leading up to its antitrust suit observed, “It’s what we did at Microsoft.”15

Indeed, the way in which dominant online platforms threaten to undermine competition and distort markets today is not entirely new. At its core, the problem traces to a basic challenge posed by firms that capture control over a critical network or channel of distribution. Regulators and competition authorities have traditionally harnessed a set of tools to ensure that bottleneck facilities do not distort competition. These tools include common carriage, which requires firms to offer customers equal access on equal terms,16 as well as interoperability, which requires networks to maintain an open interface, enabling users to switch between platforms with ease.17 These policies respond, respectively, to problems of discrimination and lock-in.

In digital markets, however, third parties that depend on a platform risk not just discrimination and lock-in but also appropriation. Because dominant platforms monitor with unrivaled precision the business activity of third parties while also competing with them, a platform can harvest insights gleaned from a producer at the producer’s expense. This Article argues that these combined problems of discrimination and information appropriation invite recovering common carriage’s forgotten cousin: structural separations. Structural separations place clear limits on the lines of business in which a firm can engage. Rather than prohibit particular business practices, separations proscribe certain organizational structures. In antitrust, structural remedies are contrasted with behavioral ones: Whereas behavioral remedies seek to prevent firms from engaging in specific types of conduct, structural remedies seek to eliminate the incentives that would make that conduct possible or likely in the first place.18

Structural prohibitions have been a traditional element of American economic regulation. They have been applied as a standard regulatory tool and key antitrust remedy in network industries, often to prohibit a dominant intermediary from competing with the businesses that depend on it to get to market. While common carriage regimes prevent a firm from discriminating—requiring equal service on equal terms—structural prohibitions eliminate one source of the incentive to discriminate. In this way, common carriage and structural separations often functioned as complements in the service of nondiscrimination.

Today, structural separations have largely been abandoned.19 At the same time that lawmakers have significantly weakened or outright eliminated sector-specific regulatory regimes, judicial interpretation of antitrust law has drastically narrowed the forms of vertical conduct and structures that register as anticompetitive. And when antitrust enforcers have targeted these forms of conduct and structures in recent years, they’ve applied remedies that generally (1) fail to target the underlying source of the problem and (2) overwhelm the institutional capacities of the government actors assigned to oversee them.20 Neglecting structural separations results in both substantive harms and institutional misalignments—effects that are especially pronounced in digital markets.

#### Case-by-case adjudication creates slow and ambiguous enforcement of prohibitions on unfair business practices – regulatory uncertainty substantially disadvantages entrants.

Chopra & Khan ’20 [Rohit; Commissioner @ Federal Trade Commission; and Lina; Chairperson @ Federal Trade Commission, JD @ Yale Law School; “The Case for “Unfair Methods of Competition” Rulemaking,” *The University of Chicago Law Review* *87*(2), p. 357-380; AS]

Antitrust law today is developed exclusively through adjudication. In theory, this case-by-case approach facilitates nuanced and fact-specific analysis of liability and well-tailored remedies. But in practice, the reliance on case-by-case adjudication yields a system of enforcement that generates ambiguity, unduly drains resources from enforcers, and deprives individuals and firms of any real opportunity to democratically participate in the process. One reason that antitrust adjudication suffers from these shortcomings is that courts analyze most forms of conduct under the “rule of reason” standard. The “rule of reason” involves a broad and open-ended inquiry into the overall competitive effects of particular conduct and asks judges to weigh the circumstances to decide whether the practice at issue violates the antitrust laws. Balancing short-term losses against future predicted gains calls for “speculative, possibly labyrinthine, and unnecessary” analysis and appears to exceed the abilities of even the most capable institutional actors.1 Generalist judges struggle to identify anticompetitive behavior2 and to apply complex economic criteria in consistent ways.3 Indeed, judges themselves have criticized antitrust standards for being highly difficult to administer.4 And if a standard isn’t administrable, it won’t yield predictable results. The dearth of clear standards and rules in antitrust means that market actors face uncertainty and cannot internalize legal norms into their business decisions.5 Moreover, ambiguity deprives market participants and the public of notice about what the law is, thereby undermining due process—a fundamental principle in our legal system.6

Decades ago, former Commissioner Philip Elman observed that case-by-case adjudication “may simply be too slow and cumbersome to produce specific and clear standards adequate to the needs of business~~men~~[people], the private bar, and the government agencies.”7 Relying solely on case-by-case adjudication means that businesses and the public must attempt to extract legal rules from a patchwork of individual court opinions. Because antitrust plaintiffs bring cases in dozens of different courts with hundreds of different generalist judges and juries, simply understanding what the law is can involve piecing together disparate rulings founded on unique sets of facts. All too often, the resulting picture is unclear. This ambiguity is compounded when the Supreme Court assigns to lower courts the task of fleshing out how to structure and apply a standard, potentially delaying clarity and certainty for years or even decades.8

#### FTC rulemaking improves the speed, clarity and certainty of enforcement to level the playing field for market entrants.

Chopra & Khan ’20 [Rohit; Commissioner @ Federal Trade Commission; and Lina; Chairperson @ Federal Trade Commission, JD @ Yale Law School; “The Case for “Unfair Methods of Competition” Rulemaking,” *The University of Chicago Law Review* *87*(2), p. 357-380; AS]

“Rulemaking” often evokes the idea of government imposing some inflexible prescription upon the marketplace. This is not what we are suggesting. As former Commissioner Elman rightly noted, rulemaking can also be related to “standards, guidelines, pointers, criteria, or presumptions.”41 Rules come from courts, legislative bodies, and agencies. While they were not promulgated as agency rules, certain elements of the merger guidelines eventually came to serve as rules once courts adopted them.42 The merger guidelines stipulate the analytical framework that the agencies rely on to enforce the merger law. Agency rulemaking could do the same for “unfair methods of competition.”

We see three major benefits to the FTC engaging in rulemaking under “unfair methods of competition,” even if the conduct could be condemned under other aspects of antitrust laws. As we describe above, the current approach generates ambiguity, is unduly burdensome, and suffers from a democratic participation deficit. Rulemaking can benefit the marketplace and the public on all of these fronts.

First, rulemaking would enable the Commission to issue clear rules to give market participants sufficient notice about what the law is, helping ensure that enforcement is predictable.43 The APA requires agencies engaging in rulemaking to provide the public with adequate notice of a proposed rule. The notice must include the substance of the rule, the legal authority under which the agency has proposed the rule, and the date the rule will come into effect.44 An agency must publish the final rule in the Federal Register at least thirty days before the rule becomes effective.45

These procedural requirements promote clear rules and provide clear notice. As the Supreme Court has stated, a “fundamental principle in our legal system is that laws which regulate persons or entities must give fair notice of conduct that is forbidden or required.”46 Clear rules also help deliver consistent enforcement and predictable results. Reducing ambiguity about what the law is will enable market participants to channel their resources and behavior more productively and will allow market entrants and entrepreneurs to compete on more of a level playing field.

#### There are no neatly bounded ways to capture all dimensions platform power – expanding rulemaking authority for an expert agency allows separations regimes to match market realities.

Khan ’19 [Lina; Chairperson @ Federal Trade Commission, JD @ Yale Law School; “The Separations of Platforms and Commerce,” *Columbia Law Review* 119(4), p. 973-1098; AS]

D. Application: Challenges and Unresolved Questions

Implementing a separations regime presents some first-order questions and challenges. First, how do we define platforms and to which platforms should a separation apply? Second, how does one identify the parameters of the platform, especially when integration provides heightened functionality? Third, what should be the scope of the prohibited activity and how should the prohibition be structured? And fourth, what is the proper institutional mechanism for implementing the separation? This section offers some initial suggestions for how to approach these questions. Arriving at a complete analytical framework for structuring separations in digital markets will require deeper engagement with these issues.

1. Defining Platform. — Offering a clearly bounded definition of “platform” is challenging. Most definitions look to the role that the entity plays in intermediating activity by others. One definition, for example, is “a firm that controls a network, facility, or essential input that those providing a complementary good or service” must “rely on.”635 Another set of definitions focuses on the infrastructure-like role that these firms play, by structuring access to markets or facilitating transactions.636 And some discussions use the terms “network,” “infrastructure,” and “platform” interchangeably.637

Recent studies by policymakers have also settled on the idea that dominant platforms play a unique role that regulators should recognize. In March, the Digital Competition Expert Panel—a panel convened by the U.K. government to study digital markets—issued a report proposing, among other ideas, that dominant platforms that enjoy a “powerful negotiating position” be designated as having a “strategic market status” and be required to abide by a special code of conduct.638 A report commissioned by the European Commission, meanwhile, noted that, by designing marketplace rules that govern millions of users, dominant platforms “function as regulators” that should face a special responsibility to “ensure a level playing field” on their marketplace and “not use [their] rule-setting power to determine the outcome of competition.”639 Given the challenge of offering a bounded definition of “dominant platform,” any definition will likely be under- or over-inclusive. But any definition should seek to capture the degree of market power that the platform enjoys over users.640 How essential is the platform’s infrastructure? To what degree do other businesses depend on the platform to reach users, and what is the cost to businesses of avoiding this platform and using alternative channels? Relevant factors could include: (1) the extent to which the entity serves as a central exchange or marketplace for the transaction of goods and services, including the level of market power that it enjoys in its platform market; (2) the extent to which the entity is essential for downstream productive uses, and whether downstream users have access to viable substitutes for the entity’s services; (3) the extent to which the entity derives value from network effects, and the type of network effects at play; (4) the extent to which the entity serves as infrastructure for customizable applications by independent parties; and (5) the size, scope, scale, and interconnection of the company.

There are no neatly bounded ways to capture these dimensions of platform power. When implementing “maximum separation,” the FCC initially used operating revenue as the criterion for determining which carriers must comply.641 In the context of digital platforms, market share may prove a better proxy than operating revenues, given that it is the platform’s role as a gatekeeper or bottleneck—for which there are no real adequate substitutes—that gives rise to the relevant harms.

The prohibition should be centered on the activities that the platform facilitates as a bottleneck. Since a key goal of the separations regime is to eliminate the conflict of interest that arises when a dominant platform directly competes with the firms using the platform,642 only activity that would place platforms in direct competition in this way would be subject to the prohibition. This would not prevent platforms from integrating into lines of business that do not rely on the platform market. Nor would such a separations regime target conglomeration or vertical integration categorically; it would instead focus on platform entry into markets that creates the ability and incentive to discriminate, to leverage dominance, and to use information collected on firms as customers against them as competitors.

2. Distinguishing Between Platform and Commerce. — Applying separations to digital platforms would likely raise the challenge of identifying what constitute distinct products or services. In Microsoft, for example, the court had to determine whether the operating system and the browser—the two products the government claimed Microsoft had “tied”—should be considered a single integrated system.643 Microsoft argued that bundling new functionality into old products was a basic component of technological evolution.644 A similar issue may arise with digital platforms: Android, for example, could claim that certain apps must be integrated with its operating system in order to provide basic functionality or for technical necessity.

The traditional metric for assessing whether a set of bundled products constitute separate products is consumer demand. In Microsoft, the D.C. Circuit relied on Jefferson Parish’s consumer-demand test to determine whether consumers preferred a choice in browsers.645 Applying a similar inquiry in the platform context could similarly help identify whether integration of distinct functionalities should be viewed as an integrated system or as a platform. Regulators would also have the capacity to determine, over time, whether certain apps or features were necessary for basic functionality and whether the benefits of integration were sufficiently high to offset any potential harms to innovation. There may also be specific apps or functionalities where innovation is less likely to be transformative, and therefore where integration may prove fewer risks. As with earlier regimes, periodic reassessment and revisions would prove necessary to ensure the separation continued to accord with and reflect evolving market realities.

3. Institutional Mechanism and Timing. — A separations regime separating platforms and commerce could be implemented through statute or rulemaking or as antitrust remedies (under existing or new antitrust law). A statute from Congress could also establish the principle of separating platforms from commerce—as was the case with banking— with the specific authority to design and implement separations delegated to an agency. This approach would benefit from having an expert agency design and revisit the separation. Absent new legislation, the FTC could use its Section 5 authority to implement a separations principle through rulemaking.646 Designing separations only through rulemaking would require the agency to create rules of general applicability and— absent a specific congressional mandate—could limit the agency’s ability to structure highly tailored separations. Antitrust remedies would be costlier and take significantly longer, requiring the government or a private party to successfully show anticompetitive conduct and effects stemming from a digital platform’s involvement in multiple markets.

Given the enfeebling of antitrust doctrines that police single-firm anticompetitive conduct—and the judicial requirement that remedies be carefully tailored to competitive harm—this path is likely to be significantly more challenging.647 Previous instances of structural separations offer a few models for structuring these prohibitions. An operational or functional separation requires the firm to create separate divisions within the firm, requiring that a platform wishing to engage in commerce may do so only through a separate and independent affiliate, which the platform may not favor in any manner. A full structural separation, by contrast, requires that the platform activity and commercial activity be undertaken through separate corporations with distinct ownership and management. For example, the functional approach would permit Alphabet to operate Google search and vertical services that produce content so long as the two complementary services are structured as separate affiliates. The second option would prohibit Alphabet from running both the platform service and the complementary service, requiring that one be spun off and run by an independent owner.

It’s not clear that anything short of a full structural separation would be sufficient, especially given the risks of information misappropriation. While running complementary services as affiliates could be accompanied by information firewalls, the efficacy of firewalls requires close monitoring.648 Evidence shows that the antitrust agencies have neglected to fully monitor and enforce conduct remedies in the past.649 Moreover, firewalls may prove especially difficult to monitor in the context of digital platforms, given the heightened information asymmetries between private platform firms and public enforcers. It is possible that the risk of information misappropriation may vary by platform—but dominant platforms should carry the burden of establishing why operating complementary services as affiliates would not be anticompetitive.

Finally, a basic challenge facing regulators and enforcers when dealing with high-tech industries is the role of timing. Because these markets can evolve quickly, market changes can render regulatory interventions obsolete.650 Similarly, the failure to intervene can leave exclusionary conduct unchecked, resulting in path-dependent reductions in innovation. Any subsequent attempt to impose separations should include a built-in review process every two to three years, to ensure that the remedy still matches the market conditions.65

#### Competition by new entrants produces innovative tech – consolidation results in lethargic firms that undermine the US tech edge.

Sitaraman ’20 [Ganesh; Co-founder and Director of Policy @ Great Democracy Initiative; Professor of Law @ Vanderbilt University; “The National Security Case for Breaking Up Big Tech,” *Knight First Amendment Institute at Columbia*; AS]

Big Tech, Competitiveness, and Innovation

One of the central arguments against breaking up and regulating big tech on national security grounds is that big tech companies are essential for innovation in the tech sector and thus for American competitiveness and ultimately for national security. Historically, however, innovation has come from a mix of competition and public funding of research and development. Breaking up and regulating tech companies thus doesn’t mean ceding ground to the Chinese on technological innovation—it means creating a competitive marketplace with great innovative capacity.

Whether or not they say it explicitly, those who want to protect big tech from antitrust and regulation support a national champions model. The national champions approach suggests that innovation takes place within big companies that are protected from competition and therefore have resources to spend on research and development. Some associate this approach with Joseph Schumpeter, who suggested that firms in competitive markets might be less innovative than monopolists.58 In this vein, commentators celebrate how Bell Labs was able to innovate for generations and see Google X, Facebook, and other tech companies as similarly investing in frontier research that will ultimately lead to innovative breakthroughs.59

While innovation can take place under a national champions model, innovation does not require national champions—and there are strong arguments that the national champions approach is limited and even counterproductive. First, as Tim Wu has noted, “[B]oth history and basic economics suggest we do much better trusting that fierce competition at home yields stronger industries overall.”60 This response, of course, has been commonplace in basic economics for decades and in debates on competition is linked to the views of Kenneth Arrow.61 Market competition is good for innovation because competitors have to find ways to differentiate themselves in order to survive and expand. In contrast, large protected firms get lethargic, are slow to innovate, and rest on their laurels.

Wu points out that we also have evidence—not just theory—to show that protecting national champions is inferior to encouraging competition. In the 1980s, Wu argues, Japan took the approach of protecting its national champions in the electronics industry. Powerhouses like NEC, Panasonic, and Toshiba had direct government support. In contrast, the United States took the opposite tack with IBM. The computer firm was brought under antitrust scrutiny, and the legal battle went on for more than a decade, along the way chilling Big Blue from engaging in any conduct that could even potentially run afoul of the antitrust laws. The result, Wu notes, was to create the space for a variety of hardware and software companies, Microsoft, Lotus, and Apple among them. Competition led to innovation and the creation of some of the most forward-looking companies of the era.62

Second, national champions can actually limit innovation because they have an incentive to avoid research and innovations that might jeopardize their business model or undermine their dominant position. Bell Labs, for example, has long been celebrated for its role as an “ideas factory.”63 But Bell and AT&T also suppressed innovations when they threatened its business model. Bell inventors, for example, developed recording devices in the 1930s that could have been used for answering machines. But AT&T’s management blocked their emergence for fear that they would jeopardize use of the telephone.64

An alternative approach to innovation is one that relies less on protectionism for national champions and more on market competition and on public investment in research and innovation. Competition, as noted already, can be a powerful motivator for innovation. When big tech incumbents face little competition, society forgoes the innovation benefits that come from competition. Who knows if Instagram or WhatsApp could have dethroned Facebook’s primacy and developed even more new and innovative products? Facebook’s moves to acquire those firms prevented us from ever finding out. What small businesses might emerge if they didn’t have to compete with Amazon Basics on Amazon’s Marketplace? Unwinding mergers and separating platforms from companies that do business on the platform would help spur competition and lead to innovation.

Some might argue that robotics, AI, and quantum computing are so resource-intensive that an ecosystem of smaller companies engaged in fierce competition would mean that no company would have the resources available to invest in those next-generation technologies. There are a few responses to this argument. First, it is not clear that breaking up and regulating big tech would prevent those firms from having the considerable resources to develop the technologies of the future. Facebook would still have billions of users, even without Instagram and WhatsApp, for example. Amazon’s platform would still have enormous market power.

#### Independently, dominant platforms fuel Chinese digital authoritarianism – dependencies on Chinese firms furthers their military technologies.

Sitaraman ’20 [Ganesh; Co-founder and Director of Policy @ Great Democracy Initiative; Professor of Law @ Vanderbilt University; “The National Security Case for Breaking Up Big Tech,” *Knight First Amendment Institute at Columbia*; AS]

BIG TECH, GLOBAL ENTANGLEMENTS, AND GREAT POWER COMPETITION

At a time of resurgent great power competition, claims that big tech companies are assisting that competition are superficially appealing, but they largely do not hold up to scrutiny. Many of the biggest tech companies are global players, operating in China, working with that government (knowingly or unknowingly), and seeking to expand their footprint. This not only means that their work abroad assists technological development in China but also that the Chinese government has increased leverage over those companies and the United States. Breaking up these companies would create a domestic technological ecosystem in which a more significant part of the marketplace is not dependent on Chinese markets, thereby making the United States more resilient.

How Big Tech Helps Strengthen China

The claim that big American tech companies are somehow an alternative to Chinese dominance—or, in the more extreme form, that they are competing with China on behalf of the United States—is largely backwards. In fact, many big American tech companies are operating in China, working with Chinese companies, and seeking to expand. Because markets and the state are intertwined in China, interactions with Chinese companies and investments in China are likely to pass along operational and technological developments to the Chinese government and military, including in ways that advance its emerging surveillance state—and accelerate its ability to spread its model of digital authoritarianism around the world. In short, big tech companies that operate in China are likely assisting the rise of China, not acting as a hedge against it.

Rather than competing with China, many big tech companies are integrating with China or attempting to deepen their integration with China. Google has announced an AI center in Beijing,8 and it is exploring a partnership with Tencent that involves using the Chinese tech giant’s cloud service as an alternative to Google Cloud.9 In 2018, the company also proposed Project Dragonfly, which would have created a search engine that would be in compliance with Chinese censorship regulations behind the Great Firewall.10 That endeavor created controversy within the firm and criticism from human rights groups.11

Other companies also operate in China or are seeking to do so. Microsoft is expanding data centers in China and has built an operating system, “Windows 10 China Government Edition,” for the Chinese government.12 After Alibaba, Amazon provides the largest cloud service in China, and its Amazon Web Services division works with local companies and is expanding its data centers.13 Apple, of course, famously designs its phones in California but makes them in China.14 In 2017, Apple announced a partnership with a Chinese firm with close ties to the government and a year later moved its Chinese iCloud and iCloud encryption services to China.15 Notably, Facebook isn’t operating in China—but not for lack of trying. The company has repeatedly attempted to gain access but has been blocked by government officials.16

Merely operating in China might not seem like it undermines the claim of U.S.-Chinese competition. After all, it might be that American companies are seeking to steal market share from Chinese companies in China. Global dominance requires, unsurprisingly, dominance around the globe, including in the world’s biggest markets. The problem is that, according to scholars, U.S. government officials, and even American business associations, any U.S. company that is developing AI in China, making significant technological investments in China, or simply operating in China is likely supporting the Chinese government and military.

Chinese companies are often state-run, partly owned by the state, or have informal ties to state and Communist Party officials, as scholars have documented.17 Formal and informal ties allow the government to have influence over many companies, and they create an incentive for companies to comply with party preferences preemptively even without formal government pressure.18 Cooperation and partnerships with these companies therefore mean cooperation with state-directed aims. “No major Chinese company,” Senator Mark Warner has noted, “is independent of the Chinese government and Communist Party.”19 An official at the U.S. Chamber of Commerce goes even further, arguing that American firms going to China have “to please the Chinese government and the Communist Party.”20

Moreover, because artificial intelligence is a dual-use technology, ostensibly commercial innovations can also have military implications. China’s stated doctrine of “civil-military fusion” thus virtually guarantees that companies are indirectly assisting the military if they are working with Chinese entities.21 Under that doctrine, “any technologies held by the private or academic sectors—whether imported or developed in-house—must be shared with the Chinese military.”22 When combined with the corporate-state relationship in China, this means the technological innovations in the private sector are likely being shared with the government for military purposes. As former defense secretary Ash Carter has noted, “If you’re working in China, you don’t know whether you’re working on a project for the military or not.”23

The fact that Chinese companies and the state are intertwined means that American companies working in China are potentially helping accelerate the adoption of digital authoritarianism within China and its spread abroad. In general, the development of artificial intelligence “offers a plausible way for big, economically advanced countries to make their citizens rich while maintaining control over them.”24 Big data, combined with AI, enables governments and big tech companies not only to predict but also to shape what individuals will do.l Politically, this means that governments will have the power to preempt dissenters to a far greater degree than authoritarian regimes of the past.25 Economically, it means that centralized economic planning might find greater success than in the past, because governments and companies can shape the behavior of individuals.26 And over time, behavioral changes shape beliefs, potentially building support for the regime itself.27 These dynamics suggest that the new “digital authoritarianism” may have greater staying power than its low-tech precursors.28

At home, China has long been concerned about domestic disharmony and has pursued a policy of “social management” to achieve “holistic” security—not just national security but party organization and the management of the social order.29 The Chinese State Council sees AI as “irreplaceable” in ensuring social harmony in the future.30 China has taken steps to develop a “social credit system,” in which individuals are assessed in every interaction to determine their trustworthiness, their compliance with laws and social norms, and the degree to which their social networks are also compliant. Chinese tech companies have reportedly agreed to share data with the government in support of this project.31 Local governments and tech companies are cooperating to develop “credit cities,” the local counterpart to a full-on national system.32 Chinese companies are also already exporting surveillance technologies abroad, including biometric censors and facial recognition software.33

Given that many big American tech companies are operating in China or seeking to do so and that engagement with Chinese entities likely means information is transferred to the government, the idea that big American tech companies are helping the United States vis-à-vis China in some kind of Cold War-style technology arms race makes little sense. It is just as likely, if not much more so, that firms operating in China are directly or indirectly furthering China’s emergent domestic surveillance capabilities, its military use of those technologies, and its spread of digital authoritarianism abroad as well.34

#### Adopting a separations regime for dominant platforms is key – a competitive ecosystem prevents dependence on Chinese markets.

Sitaraman ’20 [Ganesh; Co-founder and Director of Policy @ Great Democracy Initiative; Professor of Law @ Vanderbilt University; “The National Security Case for Breaking Up Big Tech,” *Knight First Amendment Institute at Columbia*; AS]

How Breaking Up Big Tech Builds a More Resilient Economy and Democracy

What does bigness have to do with integration? Or to put it differently, is the real problem integration with China rather than a weak antitrust and regulatory regime to govern big tech companies? The question of integration with China as a general matter is beyond the scope of this essay, but the size and dominance of American tech companies is part of the problem, and breaking up big tech should therefore be part of the solution.

To see why, compare a concentrated ecosystem with a small number of big companies to a competitive ecosystem with a large number of small companies. In a concentrated ecosystem with few players, China will have far more leverage over the United States. A small number of big tech companies that are integrated with China will be more dependent on Chinese markets for consumers and profits—and, in turn, more vulnerable to pressure from the Chinese government. In contrast, in a fractured market with many players, it is much more likely that some will seek other sources for supply chains, develop domestic American capacities, or simply choose not to engage in the Chinese market—whether because of idiosyncratic preferences, competitive dynamics, product differentiation, higher costs, or other factors.

It is theoretically possible that we might instead expect another out come: A small number of tech firms making monopoly profits might not need Chinese markets and therefore would be more independent from that country’s fusion of politics and economics. Likewise, a multi-player ecosystem of smaller companies, each with razor-thin profit margins, might push all of these players to dependence on Chinese markets for consumers and profits (this is, of course, where debates over integration versus disentanglement are relevant). But theory is not reality, and this alternative hypothesis has not been borne out. In our current highly concentrated tech market, big tech companies are not forsaking Chinese markets out of a combination of morality, patriotism, and monopoly profits. They are operating in China and are desperate to integrate further.

Concerns about censorship and distorted practices are also significantly reduced in a competitive ecosystem of smaller players because some companies and creative gatekeepers won’t aim to comply with Chinese government preferences. Consider the Hollywood context. Disney’s share of box office sales domestically, for example, approaches 40 percent, and the six biggest studios have 85 percent of box office sales.53 These companies produce fewer films and, because of their market power, can contractually require that those films be shown in theaters in ways that block other films.54 These companies are also increasingly integrating vertically across production and distribution: Netflix both produces shows and operates a streaming service, as does Amazon and now even Disney. The result is that smaller players are likely to face a tilted playing field because integrated behemoths can prioritize their own content over competitors and might not take chances on content that isn’t likely to maximize their viewership goals.55 If these big integrated companies comply with Chinese censors because of their ambitions in the Chinese market, then American consumers will not see content that doesn’t adhere to Chinese government preferences. In contrast, in a system with a large number of small studios, many would not have the size and scope to play to the Chinese market, let alone be dependent on the Chinese market. They also wouldn’t have the power and scale to preference their own content over competitors through vertical integration. The result would be an ecosystem in which Americans will have a range of content choices—including entertainment that might not accord with the views of foreign censors.

Big tech companies are not likely immune from what is happening in Hollywood—as well as what has happened to Mercedes and other entities that seek to operate in China. Many of these companies, like Amazon and Google, seek access to Chinese markets and operate as both content producers and distributors or platforms. To the extent that they have divisions whose work is objectionable to censors in foreign countries (Amazon, of course, creates its own content; as does YouTube, which is a subsidiary of Google), they too will feel pressure to preemptively shape that content in ways that are palatable to censors. And because of their market power within the United States, U.S. consumers are likely to be left with fewer and fewer serious scalable alternatives.

#### Chinese tech supremacy causes nuclear war.

Kroenig ’18 [Matthew; 11/12/18; Deputy Director for Strategy @ Scowcroft Center for Strategy and Security, Associate Professor of Government and Foreign Service @ Georgetown University; “Will disruptive technology cause nuclear war?”; https://thebulletin.org/2018/11/will-disruptive-technology-cause-nuclear-war/]

Recently, analysts have argued that emerging technologies with military applications may undermine nuclear stability (see here, here, and here), but the logic of these arguments is debatable and overlooks a more straightforward reason why new technology might cause nuclear conflict: by upending the existing balance of power among nuclear-armed states. This latter concern is more probable and dangerous and demands an immediate policy response.

For more than 70 years, the world has avoided major power conflict, and many attribute this era of peace to nuclear weapons. In situations of mutually assured destruction (MAD), neither side has an incentive to start a conflict because doing so will only result in its own annihilation. The key to this model of deterrence is the maintenance of secure second-strike capabilities—the ability to absorb an enemy nuclear attack and respond with a devastating counterattack.

Recently analysts have begun to worry, however, that new strategic military technologies may make it possible for a state to conduct a successful first strike on an enemy. For example, Chinese colleagues have complained to me in Track II dialogues that the United States may decide to launch a sophisticated cyberattack against Chinese nuclear command and control, essentially turning off China’s nuclear forces. Then, Washington will follow up with a massive strike with conventional cruise and hypersonic missiles to destroy China’s nuclear weapons. Finally, if any Chinese forces happen to survive, the United States can simply mop up China’s ragged retaliatory strike with advanced missile defenses. China will be disarmed and US nuclear weapons will still be sitting on the shelf, untouched.

If the United States, or any other state acquires such a first-strike capability, then the logic of MAD would be undermined. Washington may be tempted to launch a nuclear first strike. Or China may choose instead to use its nuclear weapons early in a conflict before they can be wiped out—the so-called “use ‘em or lose ‘em” problem.

According to this logic, therefore, the appropriate policy response would be to ban outright or control any new weapon systems that might threaten second-strike capabilities.

This way of thinking about new technology and stability, however, is open to question. Would any US president truly decide to launch a massive, bolt-out-of-the-blue nuclear attack because he or she thought s/he could get away with it? And why does it make sense for the country in the inferior position, in this case China, to intentionally start a nuclear war that it will almost certainly lose? More important, this conceptualization of how new technology affects stability is too narrow, focused exclusively on how new military technologies might be used against nuclear forces directly.

Rather, we should think more broadly about how new technology might affect global politics, and, for this, it is helpful to turn to scholarly international relations theory. The dominant theory of the causes of war in the academy is the “bargaining model of war.” This theory identifies rapid shifts in the balance of power as a primary cause of conflict.

International politics often presents states with conflicts that they can settle through peaceful bargaining, but when bargaining breaks down, war results. Shifts in the balance of power are problematic because they undermine effective bargaining. After all, why agree to a deal today if your bargaining position will be stronger tomorrow? And, a clear understanding of the military balance of power can contribute to peace. (Why start a war you are likely to lose?) But shifts in the balance of power muddy understandings of which states have the advantage.

You may see where this is going. New technologies threaten to create potentially destabilizing shifts in the balance of power.

For decades, stability in Europe and Asia has been supported by US military power. In recent years, however, the balance of power in Asia has begun to shift, as China has increased its military capabilities. Already, Beijing has become more assertive in the region, claiming contested territory in the South China Sea. And the results of Russia’s military modernization have been on full display in its ongoing intervention in Ukraine.

Moreover, China may have the lead over the United States in emerging technologies that could be decisive for the future of military acquisitions and warfare, including 3D printing, hypersonic missiles, quantum computing, 5G wireless connectivity, and artificial intelligence (AI). And Russian President Vladimir Putin is building new unmanned vehicles while ominously declaring, “Whoever leads in AI will rule the world.”

If China or Russia are able to incorporate new technologies into their militaries before the United States, then this could lead to the kind of rapid shift in the balance of power that often causes war.

If Beijing believes emerging technologies provide it with a newfound, local military advantage over the United States, for example, it may be more willing than previously to initiate conflict over Taiwan. And if Putin thinks new tech has strengthened his hand, he may be more tempted to launch a Ukraine-style invasion of a NATO member.

Either scenario could bring these nuclear powers into direct conflict with the United States, and once nuclear armed states are at war, there is an inherent risk of nuclear conflict through limited nuclear war strategies, nuclear brinkmanship, or simple accident or inadvertent escalation.

This framing of the problem leads to a different set of policy implications. The concern is not simply technologies that threaten to undermine nuclear second-strike capabilities directly, but, rather, any technologies that can result in a meaningful shift in the broader balance of power. And the solution is not to preserve second-strike capabilities, but to preserve prevailing power balances more broadly.

When it comes to new technology, this means that the United States should seek to maintain an innovation edge. Washington should also work with other states, including its nuclear-armed rivals, to develop a new set of arms control and nonproliferation agreements and export controls to deny these newer and potentially destabilizing technologies to potentially hostile states.

These are no easy tasks, but the consequences of Washington losing the race for technological superiority to its autocratic challengers just might mean nuclear Armageddon.

### 1AC – Plan

#### The United States federal government should adopt the principle of separating platforms from commerce for platforms in the private sector.

### 1AC – Dependency Trap

#### Contention two: Dependency Trap

#### Digital platform conglomeration generates a dependency trap that threatens inclusive growth – separating platforms from commerce protects small firms in the developing world.

Buthelezi & Hodgeet ’21 [Thembalethu, James; Principal Economist at the Economic Research Bureau of the Competition Commission of South Africa.Chief Economist at the Economic Research Bureau of the Competition Commission of South Africa.; “Competition and Consumer Protection Policies”; The United Nations; <https://unctad.org/system/files/official-document/ditccplp2021d2_en_0.pdf>; AS]

Making markets more inclusive not only addresses social imperatives, but also can make markets more competitive and benefit consumers. Most economists see a large and vibrant small business sector as essential in providing dynamism, growth and employment opportunities to an economy. Digital start-ups play the same role, especially in terms of dynamism through innovation. Consumer benefits may manifest themselves in lower prices, but equally important are the benefits from greater choice, and better privacy protection and innovation. Indeed, the open banking initiative in the United Kingdom has seen the most benefits from increased innovation by challengers but also the incumbents that have been forced to innovate more with their own data, which is now also accessible to challengers.

However, there is a distinct risk that the digital age could threaten this inclusion in two ways. First, there is a risk that digital markets are dominated by developed economy global giants exploiting the vast economies of scale and scope that exist. Second, there is also a risk that digital markets become dominated by a few large digital conglomerate firms even if they are domestically owned.

Conglomeration is a clear trend in digital markets, with larger digital platforms rapidly moving into adjacent markets, including producing or providing the products sold on their platforms. This is in stark contrast with the most recent trend of the industrial age, which is to focus on core competencies and abandon conglomeration which was often punished by investors. Various factors are driving this trend. One is the economies of scope associated with data gathered or consumers accessing those platforms, which can then be monetized in various ways. Rather than exchanging this data, firms have sought to exploit it themselves. Amazon’s move from online retailing of books to all other products, including its own brands, is a classic case. A second is the enormous resources at their disposal. For example, Amazon invested early in data centres to support the development of its e-commerce activities but then later decided to enter the market for cloud services (through Amazon Web services).44 The third way that inclusion 44 Bourreau M and de Streel A. (2019). Digital Conglomerates and EU Competition Policy. CRIDS Namur Digital Institute. can be undermined is that the control of consumer access enables platforms to displace those that depend on it. Amazon and Google shopping are examples for commercial goods, but Facebook and Apple do the same with apps.45 Finally, the observation of global trends indicate that digital conglomerates are much more likely to acquire start-ups than be challenged by them.46 Conglomeration is not only a global platform phenomenon. The same economic forces can support local conglomeration. South Africa has its own Internet giant, Naspers, which built its position through acquiring shares in Chinese social networking and gaming firm Tencent early on. Naspers has been building its local e-commerce and digital online platforms, in part through a series of acquisitions. It has also been expanding the product range of such platforms. Furthermore, the gradual expansion of the highly successful South African healthcare insurer Discovery into life insurance, short-term insurance and now banking is a more “old economy” example of how such data and consumer access can be leveraged into adjacent markets.

Conglomeration by global and local digital market firms has the potential to negatively impact inclusion, even if there is sufficient competition among these larger players to maintain price and non-price market outcomes at competitive levels. This is particularly concerning in the South African context, where market concentration levels are already high, and the likely impact of increased conglomeration are heightened barriers to entry for potential entrants since the large digital platforms become “gatekeepers” to access markets.

Therefore, from a competition policy perspective, more needs to be done to ensure that digital markets are also open to domestic start-ups and challengers, and that global firms share in the rewards that they derive from developing markets. Locally, additional tools will be required to address the threat of conglomeration. For example, merger control needs to be revisited not only for killer acquisitions, which have attracted most attention, but also to combat increased conglomeration through merger creep. Such acquisitions do not necessarily kill a potential competitor, but rather gives the conglomerate platform a foothold in an adjacent market that can be leveraged later.47

Merger control also needs to be alert to the removal of a potential entrant of another sort. In a developing country context, there is also a tendency for global platforms to acquire the largest local home-grown platform rather than enter themselves. Such mergers deny consumers the benefit of additional competition and a potentially less concentrated market in the future. In addition, taking a tougher stance on conglomerate strategies, such as self-preferencing, exclusive and most favoured nation agreements, may also be appropriate. In its draft buyer-power enforcement guidelines48 the CCSA has already highlighted that behaviour such as self-preferencing would be considered as unfair trading practice by dominant online platforms that bring together thirdparty suppliers and consumers, such as e-commerce platforms.

Developing domestic firms to compete in this space is another area for competition and even industrial policy. Online businesses can sell products globally without a physical presence in the countries they service. Such global reach and costless replication mean that the previous drivers of localized production are frequently left out. For instance, transport costs for raw materials, import tariffs or domestic distribution all provided a rationale for a local presence. That rationale may be missing in many (but not all) future digital markets. As a result, the driving force of innovation and back-end jobs created by these firms may remain in their headquartered country, leading to even greater exclusion of developing countries. Furthermore, global platforms may choose to shift their profits to low-tax jurisdictions – a strategy not necessarily viable for local platforms – that provide these global firms with a significant competitive advantage over local platforms.

If this is to be avoided, then developing countries will need to provide industrial policy incentives for global firms to station operations in their jurisdictions. It will also need to support the development of local digital firms to participate in the digital age, much like the infant industry arguments of old times. It will also require investment in skills and capital financing. This must include the funding of research through universities and will require regulators such as the CCSA to invest in-house talent focused on digitalization of the economy.

Policymakers and regulators in developing countries must also focus their efforts on how to support entrepreneurs to unleash these opportunities and deconcentrate markets. Doing so would directly address the twin objectives of competition policy, namely, more competitive and more inclusive markets. This support may be best achieved through proactively unblocking whatever hindrances remain for these digital entrants, particularly from incumbent firms. Ownership of data and access to consumers or distributional channels are market features that favour large firms purely by dint of their size and incumbency, rather than guaranteed superior product offerings.

3. Data portability and interoperability

Data is seen as a source of significant advantage in the digital age. Data is also the basis for many new and old services. While data portability and interoperability are at the heart of loosening the ~~FAAGs’~~ [GAFA’s] gatekeeper power, there is also tremendous scope for a general regime on data portability and interoperability to open markets to new innovative businesses, while ensuring privacy and security of personal data. Such a regime may be an effective tool in addressing the market power of existing “brick and mortar” incumbents by reducing barriers to entry, allowing new entrants to disrupt traditional industry and have an impact across all markets. Data is not the only area. The European Union expert report’s findings on digital markets around strategies to frustrate new entry deployed by digital firms also resonate to a large extent with existing old economy platforms such as financial service Consideration needs to be given to whether such rule changes should have broader application in markets where incumbents fight digital disruptors. Another benefit of a proactive approach is that it may well prevent emerging digital markets from becoming concentrated and less inclusive over time. A potential advantage of developing countries is that some of these digital markets are not as well developed, or there is still scope for new entry and market growth as a large part of the population is not yet connected. This means that there is still space to keep these markets competitive and not have the difficult task of either regulating entrenched monopolists or seeking to develop entrants in their presence. After all, if there is one lesson for competition policy from the ~~FAAGs’~~ [GAFA’s] debate, it is that it is extremely hard to address economic power once it is in place, especially for a competition regulator in a developing country.

The European Union expert report on digital markets has suggested a shift in onus for dominant digital firms on certain conduct.50 However, a developing country competition regulator should also consider whether there are additional rules which could be imposed even on non-dominant digital firms to ensure competitive markets in the future. For example, rules on data interoperability, limitations on most favoured nation or best price clauses, and limits to self-preferencing on digital platforms more generally could be imposed in competition law enforcement regardless of dominance. Limiting large platforms from selling in competition with those that access consumers through them might be another area for consideration.51

#### The United States must apply structural separations to platforms competing with commerce internationally – the Global South overwhelmingly lacks the institutional capacity to police platforms on their own.

Gurumurthy ’19 [Anita et al; Executive Director of IfTC and Expert Advisor for the UN Secretary General; “PLATFORM PLANET DEVELOPMENT IN THE INTELLIGENCE ECONOMY”; <https://itforchange.net/platformpolitics/wp-content/uploads/2019/06/Platform-Planet-Development-in-the-Intelligence-Economy_ITfC_2019.pdf>; AS]

Platform governance: the way forward

Platform governance is an overarching development policy challenge of our times, not just a narrow technology policy issue. A planetwide restructuring of economic ecosystems by digital platforms has triggered new contestations over socio-structural relations and geopolitical power. This calls for a cohesive policy response that can adequately and appropriately reorient the platform mode of economic organization towards a more equitable distribution of the efficiencies of intelligence scale economies. Such a policy approach also needs to be multi-scalar (spanning interventions at global to national and local levels) as well as cross-sectoral (encompassing integrated actions in digital, economic and social policy domains). We summarize the challenges for policy development in this chapter, also discussing the key building blocks of a comprehensive policy framework.

4.1 Governance challenges in the platform economy

a) Old laws don’t work: Most countries in the Global South lack legislative frameworks that address the rights and development implications of platformization trends. For example, as we found, individuals engaged in platform-mediated service work across different sectors – domestic work in the Philippines, tourism in Indonesia, and transportation in South Africa – are not covered under pre-existing labor laws (Barrameda et al., 2019; Bentley & Maharika, 2019; Mare et al., 2019). Similarly, the interests of small and medium enterprises and consumers are not adequately protected against unfair trade practices of platform companies in emerging digital commerce markets such as Nigeria (Nuruddeen et al., 2018). Even developed countries with legal-institutional frameworks for human rights enforcement and corporate accountability – such as EU member states – face difficulties in coping with the ongoing digital disruption. In France and Belgium, robust pre-digital labor laws are proving inadequate in providing social protection to platform workers with atypical employment contracts. Similarly, the application of preexisting consumer protection frameworks to digital services in the EU has meant the use of blanket disclaimer clauses by platform firms, with no explanations about obligations arising in the online context (Delronge et al., 2019). When new legislation specific to the digital context, such as the GDPR, has been introduced, the penalties for violation may often not be deterrent enough (Hintz & Brand, 2019). It has been found that companies such as Google, which have been repeatedly fined by the European Commission for non-compliance with prevailing legislation, nonchalantly continue their illegal market practices by treating fines as the costs of doing business.

b) State responses are knee-jerk: Platform regulation often times tends to be ‘scandal-prompted’. For example, in China, it was public outrage over the rape and murder of two female passengers by DiDi Hitch drivers in 2018 that prompted the ministry of transport to set up a national supervision platform for systematic background verification of the drivers enrolled with ride-hailing companies (Chen et al., 2019). Similarly, in Uruguay, the central bank rushed in to hastily regulate the P2P lending sector without fully understanding its operational dynamics as a response to increasing negative national media coverage about the sector becoming a ‘financial Uber’ (Aguirre & GarciaRivadulla, 2019).

c) Platforms become boundary objects, interpreted differently by different state agencies: The conflicting imperatives to create an enabling environment for the growth of the domestic digital sector whilst guarding against the monopolistic and exclusionary tendencies of the platform economy seem to culminate in a Catch-22 scenario impeding effective policy development. For example, in Argentina, there was a bitter tug-of-war between the Ministry of Production and the Argentine revenue service (AFIP) about the application of tax laws to the regional e-commerce platform MercadoLibre. While the Ministry of Production called for exempting the platform from tax liability as part of its larger strategy of encouraging domestic digital industry, the AFIP was of the opinion that MercadoLibre ought to be treated as a commercial firm rather than as a technology company. The Ministry of Production had its way, but it is difficult to ascertain whether the decision to treat MercadoLibre as a technology company deserving of tax exemptions will fare better for the long term health of the Argentinian economy in comparison to the AFIP proposal (Artopoulos, 2019).

d) Big platforms are mythified as the necessary route to success: The myth-making that surrounds platforms also means that governments, especially in the Global South, adopt pro-platform policy approaches. The promise of innovation and opportunity has often led governments to valorize platforms as an enabling force in aiding national growth. There has existed in the tech industry, even before the platform era, an “alliance capitalism” between industries of innovation and policy (Higgins, 2015, as cited in Chen et al., 2019). Consider the 2018 bid by Amazon for its new headquarters, which had city and state governments in the US outdoing one another to offer sops, tax cuts, economic incentives and even political positions to the company, convinced by the potential for jobs and economic growth that Amazon could bring in for the economy (City Lab, 2018b). Or, as in China’s case, where the Internet Plus vision has catalyzed and championed the growth of private platforms in many ways (Chen et al., 2019).

e) Platform companies tend to usurp public policy spaces: By becoming a part of the multi-stakeholder processes that drive policy, platforms take on a direct role in norm and rule development. Such formal membership in governance spaces raises concerns about conflict of interest. In Argentina, when traditional banks raised concerns over MercadoLibre’s new offerings for fintech services, the company successfully negotiated with the government to set up a commission to liaison between the central bank and itself, also managing to get a seat on the commission (Artopoulos, 2019). In December 2018, Netflix’s director of regulation was appointed to Brazil’s film board, Conselho Superior de Cinema, a recognition that the platform is an increasingly important player in the country’s media regulation discussions (Valente & Luciano, 2019).

f) The lack of binding international law gives corporations runaway power: There is no binding global legal framework to check corporate abuse and violation of human rights. Transnational digital companies not only flout domestic legislation with impunity, but also exploit the lack of cross-jurisdictional rules. When faced with the risk of prosecution for unfair market practices in national courts, they evade responsibility by transferring liability to their parent company outside the jurisdiction (Mare et al., 2019; Van Eck & Nemusimbori, 2018). For example, in 2017, the South African Transport and Allied Workers Union brought a case to the national Commission for Conciliation, Mediation and Arbitration (CCMA) on how Uber’s arbitrary deactivation and termination of drivers enrolled on the platform constituted a violation of protections against unfair dismissal under the country’s existing labor laws. CCMA took up proceedings against Uber SA, the South African subsidiary of the global platform company, and ruled in favour of the plaintiffs. A year later, the company managed to get the ruling overturned in the Labor Court on the technicality that Uber SA was a mere recruitment and training agency for Uber BV based in the Netherlands, which provided the app and made payments to partner-drivers.

4.2. Curbing digital monopolies

The platform economy displays monopolistic tendencies that curtail economic innovation and deepen inequality; but by no means is this an inevitability (Mann & Iazzolino, 2019). Traditional legal approaches to managing the rights, relations and conduct of persons and businesses engaged in commerce demand a major overhaul in the digital context (See Figure 5). This pertains to both commercial laws and to new rules concerning techno-design.

4.2.1 Changes to commercial laws

a) Competition law: Current approaches in competition law tend to regard short term consumer pricing gains as an adequate indicator of vibrant market competition (Khan, 2019). Understandably, this signal becomes extremely misleading in emerging digital markets where dominant platform companies often pursue strategies of free/deep-discounted products and services with an eye on long term consolidation of the network-data advantage for market domination (Curbing Corporate Power Alliance, 2019). In this scenario, competition law must move away from a narrow, neoliberal consumer welfarist approach. Instead, it must adopt economic structuralism as a framework to address the undue advantage that digital platforms enjoy in their role as “unavoidable trading partners” in the multisided markets they control (Cremer et al., 2019). The unique vantage that platforms occupy enables them to engage in upstream and downstream price manipulation, which policy must be able to check. The opacity that surrounds such data-supported gaming by platform companies makes it difficult to identify and establish proof of willful anti-competitive conduct. The EU has attempted to address this through its February 2019 regulation for platform businesses. It has mandated a duty of transparency (to be effective by 2020) with regard to standard terms and conditions of service (including data practices and notice of changes in terms of services) on all platform intermediaries providing digital services. This covers search engines, e-commerce marketplaces, app stores, social media and even price comparison tools. In addition, it has provided user guarantees for a right to explanation pertaining to algorithmic ranking and prioritization of goods and services on platform marketplaces (European Commission Press Release, 2019).

#### Structural separations between platforms and commerce equalize international bargaining power – now is key to prevent feedback effects from locking in dependency.

Johannsen & Gonzalez ’21 [German; PhD Candidate and LLM @ Max Planck Institute for Innovation and Competition; and Andrés; LLM and Chilean Competition Law Compliance Officer; “Digital Platforms & Economic Dependence in Chile Any Room for Competition Theories of Harm without Dominance?”; <https://law.haifa.ac.il/images/ASCOLA16/GJAG.pdf>; 15 June 2021; AS]

1. Platforms and economic dependence

As transactions —both economic and social— move to the Internet, the role of digital intermediary platforms (hereinafter "platforms") in the economy has increased as facilitators of interactions between the several economic agents (users, buyers, sellers, advertisers, suppliers, etc.). At a global level, some platforms have reached a large size, in some cases becoming part of digital conglomerates with a multinational presence, among which are the so-called TechGiants.7 In Chile, while there is a consolidated presence of platforms that base their business on exploiting the attention of users (e.g. social networks or video platforms), in other sectors platforms are in early stages of expansion8 (e.g. e-commerce in Chile9 ).

In their expansive or developing stage, the platforms seek to increase the amount of users who interact through them. In general terms, more users on one side of the platform, gives more value to the users of that side and/or the other sides (direct and indirect network effects). Already in the world-renowned US Microsoft case this effect was reported when it was pointed out that developers preferred writing applications for operating systems that had enough consumers, and consumers preferred operating systems that already had multiple applications, an effect that is recognized as a barrier to entry.10 Additionally, in the data economy, the more members, the more and better data, which allows for improved service/user experience (databased network effects).11 In other words, by acting as an intermediary, the platform captures revenue, but also internalizes positive externalities, adding value to its whole infrastructure. The positive feedback generated by network effects, in addition to economies of scale and scope, can lead to a platform reaching a size where, for its rivals, it is no longer profitable to compete.12 Once this tipping point is reached, it is easier for the platform to win the whole market.13 This economic rationale defines how and for what purpose platforms compete. On the other hand, the platforms' business models seek to create a long-term relationship with users and suppliers.14 In this regard, the platform can track those who participate in it (via personal accounts and devices) and extract data to create profiles, study preferences and predict behaviour.15 This generates efficiencies related to the personalization of services, which reduces the efforts to match supply and demand. The information obtained from the data analysis generates value that, added to the positive network externalities, increases switching cost for users and suppliers.16 Regarding users, switching costs could be lower if they interact through several platforms (multi-homing).17 However, many times this is not the case since users incur in convenience costs or the platform sets strategies to make muti-homing unlikely.

18 Regarding suppliers, switching costs also depend on whether they had to adapt their technology and business model to the platform’s requirements. 19 Increasing switching costs can make it unrealistic for a provider to switch platforms and still operate in an economically viable way.20 The result is an asymmetry of bargaining power to the detriment of those who depend on the platform. In other words, there is an economic dependence, asis known in comparative doctrine.21 The brick-and-mortar retail sector,22 several agro-industrial sectors,23 and in the context of digital platforms show different market structures leading to dependence. 24 Yet, in the latter, there are two major differences. On one hand, economic dependence can be a decisive factor in the winner-takes-all race. On the other hand, platforms can be placed in a strategic position, as the orchestrator of marketplaces where other players —most of them not rivals of the platform— are going to compete. Therefore, it is critical to understand to what extent economic dependence regarding a platform may affect the wellfunctioning of the market.

2. Dominant power and uneven bargaining power

Economic dependence accounts for an unequal distribution of bargaining power.25 This imbalance allows the holder of such power to exercise aggressive negotiation strategies both at the contractual level (e.g. tied sales, arbitrary interruption of trade relations) and extracontractual level (e.g. refusal to buy or sell), which end up imposing an excessive economic burden on the weaker party. In comparative law, this type of uneven bargaining power is often called superior bargaining position or relative market power26 (hereinafter, indistinctly, “bargaining power” or “relative power”). The exercise of relative market power can have, in turn, a feedback-loop effect, as it reinforces the existing situation of economic dependence.

Regarding digital platforms that provide services as a distribution channel, their strategic position as an intermediary and the size of suppliers who offer goods through it —many of which are small or medium businesses— allows them to be in a position of relative power visà-vis many suppliers. Under these circumstances, the platform can incur in various forms of abuses. The most obvious would be to increase unilaterally the commissions for transactions or enter into exclusivity contracts. A less obvious would be to use the information it obtains as intermediary to favour the marketing of its own branded products 27 or deny access to data that is relevant to users (e.g. about recommendations) and suppliers (e.g. about ranking).28 Not being able to access such data can increase the cost of switching platforms, as it makes data portability more difficult, which in turn may increase the degree of dependence.

While these commercial practices are a manifestation of economic and contractual freedom, in some cases they might be abusive as they could undermine good faith and/or fairness in commercial relationships. In other words, these normative foundations serve as a basis for establishing a boundary between practices with relative market power that are socially acceptable and those which are not. Both at a national and comparative law, the materialization of this dividing line is found mainly in the field of contract law and unfair commercial practices laws. 29

On the other hand, from the perspective of the market’s functioning, although imbalances of bargaining power are inherent in all markets —so much so that they are usually considered a sign of competition—, 30 the exercise of relative market power could, under certain circumstances, cause negative effects on the market structure. As such, a second normative foundation for limiting relative market power could be competition. 31

For instance, taking the commissions’ example, if the platform’s relative market power allows it to raise commissions only to certain suppliers, the resulting differentiated charges can lead to a downstream distortion of competition. 32 On the other hand, in the refusal to grant access to data example, while a vertical-bilateral approach would enable a claim for damages generated on those who cannot access their data, a horizontal-collective approach allows an analysis of whether there are artificial barriers that obstruct competition in the platform market. Moreover, the imposition of exclusive distribution clauses or other formulas that increases switching costs can cause the same effect. 33

Platforms have incentives to be the first to adopt this type of strategy, because by doing so they can take advantage in the winner-takes-all race. 34 In this context, one of the main questions is when these aggressive strategies should be regarded as anti-competitive. To this end, competition law usually resorts to the rule of dominance.35 Dominant power is a legal fiction that —based on economic parameters— distinguishes whether a firm has sufficient market power to behave with independence from competitors36 and/or customers37 on a constant basis. If so, their behaviour is scrutinised to assess whether it has an economic justification or, on the contrary, whether it was carried out to exclude competitors or exploit the market. Yet, in digital platform markets (and in the data economy in general) this rule faces several difficulties.38 First, since platforms have multiple sides, it is complex to understand the distribution of power among them.

39 Second, in the data economy it is complex to know what the true utility or value of a company's accumulated data is and how important it is to access this data for third parties to compete.40 On the other hand, the rule of dominance seems not able to handle all cases of economic dependence threatening competition. Indeed, according to the examples we saw, a third difficulty is that there could be a scenario of dependence distorting downstream or upstream competition (where the platform does not compete, or competes, but is not dominant). Finally, a fourth difficulty is that, even without dominance, a platform can make strategic use of dependence to reach a position of dominance that will later allow it to win the whole market.

#### Structural separations can reorient the coordinates of geo-economic power – smart economies need smarter regulations.

Gurumurthy et al. ’20 [Anita “Unskewing the Data Value Chain: A Policy Research Agenda for Equitable Platform Economies”; (September 1, 2020); Available at SSRN: <https://ssrn.com/abstract=3872492>; AS]

Development is about how developing countries can move out of highly competitive activities with low margins to higher value activities with higher knowledge premiums, a process that has been recognized as structural transformation (Mann & Iazzolino, 2019). Fuelled by digital intelligence, all sectors of the economy are today undergoing a rapid makeover; a transition that requires developing countries to ensure that their productivity gains and digital capabilities are in a virtuous cycle. However, the “intelligence premium” harvested by dominant platform-lead firms in global data value chains constitutes a barrier to entry, impairing the global competitiveness of developing countries (Gurumurthy et al., 2019). The private enclosures of data and digital intelligence unfairly cement the competitive advantage of rich countries in global data value chains and thwart the potential for structural transformation of developing countries. Hence, while the data paradigm presents an urgency for systemic coordination towards national digital industrialization, it also represents a highly contested faultline in global resource redistribution.

The development question for the digital economy then is this: how can the data value chain be unskewed for redistributive equity and inclusion?

This conundrum has been the topic of significant, even if nascent, debates. Both traditional and new age policy proposals are being put forth from various quarters: institutional reform proposals from multilateral agencies and regional political blocs such as OECD, policy review assessments initiated at the national level, and unconventional and radical solutions from progressive civil society networks and scholars.

The emerging proposals can broadly be divided into three main areas: reining in Big Tech power, carving out a new resource governance regime for data resources, and building intelligence infrastructure capabilities in the Global South. Admittedly, many of the ideas involved are fledgling and demand in-depth exploration and robust debate before they can coalesce into clear and effective policies. But the juggernaut of Big Tech impunity and a yawning democratic deficit in global/regional policies in critical areas like trade, taxation and capital flows demand bold and agile action that eschews incremental, status quoist measures. They call for a conceptual overhaul that accounts for the realpolitik of geo-economic power.

The following sections take stock of noteworthy policy proposals that have emerged in each of the three areas, examining them critically and posing priority directions for a research agenda11 that can answer the following questions:  How are current policy directions and emerging institutional mechanisms able to address questions of market fairness and economic equity in the digital economy?  How do emerging global policy frameworks on data and AI impact national development priorities and pathways?

Area 1. Reining in Big Tech power through traditional policy instruments

In mainstream policy discourses in the digital arena, there is increasing recognition that competition and taxation policy reform are urgently needed to effectively curb Big Tech power in global data value chains.

With respect to competition policy, there is mounting consensus that industrial era competition law frameworks need to be overhauled so that they are able to effectively address the anti-competitive risks of network-data effects in data value chains. In 2020, the European Commission for Competition announced an in-depth study aimed at the updation of its merger assessment rubrics to address the realities of asset light, data heavy platform business models of the digital age (Modrall, 2020). The United States House Judiciary Committee has just concluded an investigation into the structural separations to be effected in data value chains to ensure that corporations controlling essential platform infrastructures are not also competing with the businesses that transact goods and services on them, the urgently needed “separation of platforms and commerce” that legal scholar, Lina Khan, has flagged in her study of Amazon’s antitrust behavior (Khan, 2017; 2019). Such interventions to overhaul traditional competition laws are urgently needed in the Global South as well.12

Currently, the European Union is exploring a limited form of structural separation by prohibiting specialized data sharing services from deploying the data that they transact for other uses, in an attempt to establish boundaries between data intermediation and intelligence services layers. But as the proposed regulation in its current form does not extend to cloud service providers, content intermediaries, and data exchange platforms developed in the context of IoT, it can be argued that this regulatory solution does not go far enough.13

#### Applying extraterritorial remedies to dominant platforms in developing countries unlocks the benefits of the digital economy.

First ’21 [Harry; Professor of Trade Regulation @ NYU; “Digital Platforms and Competition Policy in Developing Countries”; <https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3864953>; AS]

Despite these caveats, it would be unwise for agencies in developing countries to ignore innovation issues in competition law enforcement. Developing countries have particular policy concerns that may seem less important to developed countries. One major concern, of course, is economic development, for which innovation may be a critical driver, particularly if we view innovation in a less technology‐centric way. Another major concern is inclusive economic growth, making certain that the gains from markets are distributed more widely rather than less, particularly when it comes to groups that have faced discrimination or have not adequately participated in the economy. A third concern is sovereignty, to make sure that a developing economy is not dominated by outside economic interests. Competition enforcement that increases innovation, particularly through an emphasis on competitive rivalry in dynamic markets, offers the possibility of advancing all three goals.

II. Digital Platform Use in Developing Countries

A. An Overview

Digital platforms are in widespread use in developing countries. The major U.S. digital platforms tend to be ubiquitous—in South Africa, for example, nearly half of all Internet users use Facebook, YouTube, and WhatsApp39— but there are also more local platforms in developing countries that are of significant size.40

Digital platforms can be categorized in different ways. Most common is to categorize them by the type of service they offer; the proposed EU Digital Markets Act, for example, has eight categories of “core platform service,” such as search engines, social networks, and operating systems.41 This type of categorization is similar to product markets as analyzed under competition law. A more functional approach divides digital platforms into transaction platforms and innovation platforms.42 Transaction platforms are generally multi‐sided and “support exchanges between a number of different parties,” Amazon and Uber being good examples. Innovation platforms (sometimes called technology or engineering platforms) provide components that a firms in a sector can use in common for their interactions. Computer operating systems and technology standards are good examples of these platforms.43

Entrepreneurs in developing countries have generally not created innovation platforms.44 Rather, they have used platform technologies created elsewhere to offer products that are distributed digitally, mostly on a relatively localized basis, that is, within the home country of the entrepreneur. Platform technologies are thus tools for these enterprises, allowing them to create new products and distribute them more efficiently. Even if entrepreneurs in developing countries do not create the tools, however, their use of platform technologies can still be market‐creating or sustaining and thereby qualify as innovation that can drive economic growth.

As the following examples will show, whether platforms are successful depends on many factors beyond competition law enforcement. Indeed, at the moment, competition law violations may not as yet have emerged. The question, though, is whether competition policy can play a role in keeping digital platform tools accessible and digital product markets competitive.

B. Mapping Platform Use in Africa: Four Areas

1. Online retail sales

Online retail sale of physical products and services is developing in Africa, but slowly. In South Africa, for example, e‐commerce is estimated to have only approximately 1‐2 percent of total retail sales, in comparison to 18 percent in the UK, with customers generally being higher income earners mostly concentrated in metropolitan areas.45 Nevertheless, throughout Africa a wide range of products are sold through online retail platforms, including food, consumer electronics, fashion, and apparel.46

Retailers use platforms in three ways. First, traditional brick‐and‐mortar stores use internet sales as a complement to their sales in physical stores; this has given major retailers a strong presence in online retail selling.47 Second, some sellers have an online presence only, selling their products at retail on various digital platforms. The “most ubiquitous” digital enterprises in Africa are e‐commerce sites that present their products on Facebook.48 Third, Africa‐based platforms offer marketplace services for other retailers. Takealot in South Africa has become the largest online retail marketplace in South Africa, for example, with more traffic than international competitors such as Amazon or eBay.49 It has also begun integrating into offering its own exclusive brands in competition with other retailers on the platform, raising potential concerns for self‐preferencing.50

Online retail sellers in Africa, particularly small and medium business enterprises, face a set of challenges that make it difficult to compete successfully. Online advertising is critical for these enterprises, but the two main advertising channels are Facebook and Google, and their use is expensive and complex for smaller businesses.51 Most e‐ commerce payment transactions are made by credit card, but fees can be high, payments can be slow, and concern for fraud has been high.52 Delivery may require investments in expensive assets to assure delivery (trucks, motorcycles, warehouses), particularly if the postal service is unreliable.53 On the other hand, the expense of drop‐ shipping international packages, the unreliability of the postal service, the relatively small size and geographical isolation of many African countries can make it difficult for international platforms like Amazon to compete successfully with local e‐commerce sites.54

2. Value chains

Companies in Africa use digital platforms to participate in “value chains,” that is, as intermediate transactors in the production and sale of goods and services. The ultimate consumer in the chain may be located outside the country or inside. For many African countries, participation in global value chains has been seen as an important way to stimulate economic growth, particularly if small and medium size businesses are the beneficiaries of such participation.55

The extent to which digital platforms have increased such participation by African firms is unclear. A study of value chains in Kenya and Rwanda examined how tourism firms integrated with international tourism sites to provide booking availability and service information, but found that their participation was often limited by a lack of technical skills and by the platforms’ managerial requirements.56 A study of small‐scale fresh fruit and vegetable farmers in Tanzania and Kenya focused on the use of certain basic platform technologies (mobile phones, Internet, and Facebook) to access payment systems, get pricing and production information, and reach export markets. Such usage was actually rather small (only 11 percent of farmers surveyed). Although the use of cellphones was helpful to small farmers in many local markets, reaching export markets required use of the Internet more than the use of basic cellphones, a step that excluded farmers who lacked sophistication (technical and linguistic).57

The difficulties of establishing digital value chains is not just limited by access to technology. More tractably for competition law, existing market structures and entrenched competitors may stand in the way as well.

A good example is the effort to create an online tea auction market in Mombasa, Kenya. The Mombasa Tea Auction provides the link between East African tea processors and international buyers.58 Kenya is the world’s leading exporter of tea and tea is Kenya’s number one foreign exchange earner.59 Tea is transported from highland areas in Africa to storage warehouses in Mombasa, where it is subsequently auctioned. Two groups have been the main intermediaries between growers and buyers in this process—tea brokers and storage warehouses—and only tea brokers could negotiate with buyers in the auction. Sellers made payments to the auction and then collected the tea from the warehouses for export. About 95% of tea exported from Kenya was sold through the Mombasa Tea Auction.

Asian competitors had been using online auctions but the Mombasa Tea Auction was done in person. Recognizing the auction’s inefficiencies, in 2012 an effort was made by the East African Tea Trade Association (EATTA) to introduce an online auction system. EATTA has 200 members from 10 African countries (mostly in East Africa) and includes all groups in the industry (producers, buyers, brokers, warehouses, and packers). Intermediaries were most opposed to an online auction, particularly the brokers who were believed to have controlled the in‐person auction and feared disintermediation.60 Interestingly, the brokers also feared that buyers would find it easier to collude when they didn’t have to place bids in an open auction, perhaps a not misplaced worry given a later antitrust suit against EATTA for fixing brokers’ and warehouse owners’ fees in the tea auction.61

After a trial run of an online auction, the EATTA members voted against its continuation. Apparently the brokers were able to convince smaller producers, whose only link to these markets was through the brokers, that an online auction would harm the brokers and thereby harm them.62 It was not until 2019 that an online tea auction became operational.63

3. FinTech

Financial technology products (“fintech”) operate as multisided platforms connecting buyers and sellers of financial services using the internet, mobile devices, software technology, and/or cloud services.64 Fintech products can cover aspects of banking, digital currencies, insurance, lending, money transfers, and payments. Fintech products can be deeply disruptive of existing banking and financial services but they can also offer platform infrastructure for many businesses. As such, fintech products are widely used throughout Africa.

Probably the most widely‐lauded fintech product in Africa is M‐Pesa, the payments service that runs on mobile phones.65 M‐Pesa was launched in 2007 by Vodafone, the U.K.‐based telecom company, in partnership with two African mobile phone system operators, Safaricom in Kenya and Vodacom in Tanzania.66 M‐Pesa “allows users to deposit money into an account stored on their cell phones, to send balances using SMS technology to other users (including sellers of goods and services), and to redeem deposits for regular money.”67 There is no charge for depositing the cash with the mobile phone company; charges are deducted when “e‐float” or “e‐money” is sent to recipients or when cash is withdrawn.68

M‐Pesa spread quickly following its introduction, with 10,000 new registrations by the end of its first year; two years later there were 7.7 million M‐Pesa registered accounts.69 In its first ten years the service expanded to ten countries, including one in Eastern Europe. By that time 21 percent of all adults in Sub‐Saharan Africa had a mobile money account; 73 percent of the population of Kenya and more than 50 percent of the population of Uganda and Zimbabwe used mobile money.

For all of M‐Pesa’s important success, its growth has actually been fairly limited, as has been the growth of fintech firms generally, which “have been slow to penetrate other sectors and other countries.”70 M‐Pesa has been limited by the fact that it operates a low‐tech service, using basic cellphones and text technology but not relying on more advanced smartphones.71 Thus it has proved less attractive in countries like South Africa that already had more advanced smartphone use and a “much more advanced banking network” that was able to meet the needs that M‐Pesa met.72 M‐ Pesa’s technological limits also made it less attractive for integrating its mobile payments API into other software applications.73

Whether the slow diffusion of fintech in Africa is a result of technological impediments or competitor resistance is unclear. One author concludes that the “largest impediment to more rapid FinTech growth appears to be the electrical and communications infrastructure in many developing countries, which have only limited, unreliable access to broadband Internet connections and smartphone handsets.”74 There is little doubt that these infrastructure issues affect the ability of digital platforms to thrive in Africa, but it may also be the case that the powerful financial companies can create legal roadblocks to fintech entry as well as try to preempt that entry by offering products similar to what potentially disruptive fintech entrants are offering. Indeed, this may be the case in South Africa. As the South Africa Competition Commission points out, one approach is for incumbents to accommodate the competitive threat by partnering with the upstart fintech firm: “the Fintech firm commits to remain small, providing the incumbent with its offerings whilst being able to ride on the scale, distribution channels and licenses of the traditional bank.”75 Another possibility is for the incumbent to acquire the fintech firm outright. A third is for the incumbent firm to compete with the fintech’s offerings, potentially leading to anticompetitive actions such as denying the fintech firm needed access to infrastructure assets.76

4. Sharing platforms

Sharing platforms are used by a wide variety of businesses in Africa. The South Africa Competition Commission defines these platforms as offering “short‐term peer‐to‐ peer transactions to share the use of idle assets and services or to facilitate collaboration.”77 Sharing platforms include not only firms that allow owners of vehicles and accommodations to “share” them with users, but also allows the sharing of work spaces, money (loans), clothing, and free‐lance services.78

Sharing platforms is an area in which the major international companies face competition with local enterprises. In the ride‐hailing segment, for example, Uber’s entry into African markets triggered the spread of mobile mapping technology for collecting location data from mobile vehicles. This allowed local companies to develop their own products suited to the needs of customers in different cities and countries, “giving themselves an edge over foreign services.”79 In South Africa, for example, Taxi Live and Mr D Foods (both South African firms) compete with Uber for taxi ride‐hailing and food delivery; Afri Ride, a South African company, competes by allowing commuters or drivers to offer unoccupied seats on their trips.80 In Kenya Little Cab competed with Uber by accepting M‐Pesa payments.81

Even with the existence of local companies, international firms appear to be the major competitors in most of these sharing platform markets. In a survey of users in Nairobi, Little Cab, four years after its entry, was running a distant third to the international platforms, Uber and Bolt.82 A 2020 survey in South Africa showed that three of the fifteen most popular applications in South Africa were international ride‐sharing platforms; none of the platforms in the survey was South African or African.83

The competitive problems that firms in sharing platform markets face do not appear to be the result of the exercise of anticompetitive conduct by dominant firms. Of course, as in developed countries, these platform companies do face opposition from the traditional operators in the fields that the platforms challenge. In the ride‐sharing market, for example, the metered taxi industry has responded to Uber’s entry in ways that are similar to the responses in developed countries. Taxi drivers have tried to physically block Uber drivers;84 they have also tried to invoke government action to stop Uber from engaging in certain business practices.85 But they have also tried to meet the challenge with the more competitive response of developing their own apps to connect passengers to metered taxis.86

C. Conclusion

The mapping just presented of digital platform use in Africa is by no means complete. Digital platforms are being developed in many other areas. In agriculture, for example, Kenya‐based mobile apps have been launched to help farmers better manage crops such as cassava, maize, and potatoes.87 In health care, there is a long list of available apps: “Hello Doctor” provides free essential medical information in 10 African countries; FD Detector (developed by five teenage girls from Nigeria) detects fake drugs by using bar codes; mTrac allows health care workers in Uganda to submit weekly health data via SMS; Omomi provides women in Nigeria with maternal and child health information and connects them to doctors.88

Even though the overview is necessarily incomplete, the picture that does emerge shows that digital platforms do hold out the promise not just of extending traditional industries into new means of distribution. Digital technologies also hold out the promise of dealing with certain problems that are more acute in developing countries (although not absent in developed countries). Access to capital can be increased through fintech applications; business transactions can be facilitated if payment systems are more secure; small enterprises can reach markets more efficiently if digital platforms are available and open; health care information and data can be shared more easily where mobile applications are available. Many of these improvements are more incremental than fundamental, but they all lead to better market‐driven outcomes.

III. Lessons For Competition Policy For Digital Platforms

It is not surprising that even a brief survey of the adoption of digital platforms in Africa shows that their use is both important and spreading. To a large degree these platform technologies are tools for a variety of improvements in the production and distribution of old and new products. The ability to use these tools to create new offerings is an important aspect of innovation.

Developed countries now seem obsessed with the power of the major platforms over many aspects of our economy and life. Developing countries seem less obsessed but, in a significant way, more dependent. Mobile technology is a key tool for delivering new digital products, but this technology often comes with a hidden “tax” imposed by developed world patent holders that control the standards on which these devices (now smartphones) are based and set the fees for licensing those standards.89 Developed world competition law enforcers seem powerless to control this pricing power; we wouldn’t expect developing world enforcers to do better. This tax, however, may be more critical in economies where the incomes are lower and smartphone use more limited.

What about the power of the GAFA? Although the use of Google and Facebook products is clearly ubiquitous, Apple and Amazon seem less powerful. In particular, Amazon’s business model puts it at a disadvantage in many developing economies, where shipping costs, tariffs, and delivery systems give local online sellers an edge.

Facebook and Google, but especially Facebook, loom larger. Search is important for delivering advertising, but Facebook, combined with WhatsApp, is vital not only for digital advertising but for digital presence. Sellers have come to rely on Facebook for connecting to consumers and establishing a network of users with whom to communicate and from whom to get information and data. Entrepreneurs in the developing world have complained about Facebook and Google’s high advertising rates, but with Facebook the problem goes deeper. Should Facebook or WhatsApp change their terms of use in some way, there would be little that developing countries could do. If Australia is having trouble controlling Facebook, what would we expect from countries with fewer users and smaller economies?90

This means that the first lesson for competition policy toward digital platforms is actually aimed at developed countries. If antitrust authorities in the U.S. are successful in their litigation against Facebook and Google, at least some thought should be given to how the remedies sought will affect developing countries.91 Although consideration of extraterritorial effects is not part of the case against these companies, remedy is broader. Positive spillovers should be part of the governments’ calculus.

#### Only the FTC can cooperate with foreign antitrust agencies to properly administer remedies.

Pachnou ’17 [Ms. Despina, Organization for Economic Co-operation and Development, “DIRECTORATE FOR FINANCIAL AND ENTERPRISE AFFAIRS COMPETITION COMMITTEE” https://www.ftc.gov/system/files/attachments/us-submissions-oecd-2010-present-other-international-competition-fora/et\_remedies\_united\_states.pdf]

5. The Agencies’ Cooperation with Foreign Jurisdictions on Remedies

18. Achieving effective remedies often entails cooperation with foreign jurisdictions. Such cooperation may allow the U.S. agencies to secure relief that sufficiently protects U.S. competition and consumers without applying the remedy to conduct or assets outside the United States. When an extraterritorial remedy is necessary to address harm or threatened harm to U.S. commerce and consumers, cooperation helps to minimize the risk of conflict with obligations of foreign laws or foreign remedial orders.35 Cooperation and coordination on remedies can be efficient for enforcers and the parties under investigation, especially given that over 130 jurisdictions have antitrust laws and over 80 require pre-merger notification. Cooperation may result in a remedies package that addresses competition concerns in multiple jurisdictions.36 The Agencies work closely with competition enforcers in other jurisdictions on cases under common review, including to help foster convergence and consistent remedy determinations.37

6. U.S. Case Examples

19. To the extent that the Agencies rely on extraterritorial remedies, they do so in both merger and conduct cases, although they arise most frequently in the merger context. In all cases, the Agencies seek remedies that are appropriately tailored and that do not apply extraterritorially unless necessary to address the harm or threatened harm to U.S. commerce or consumers.

6.1. Merger Cases

20. In most mergers, the Agencies can obtain an effective remedy for U.S. competition and consumers without extraterritorial divestitures or other relief. This is the case even when an Agency coordinates with other jurisdictions in investigating a transaction that raises concerns in both domestic markets and markets outside the U.S. Even in these instances, however, coordination between jurisdictions can be helpful. For example, the FTC benefited from coordinating with antitrust authorities in Canada, the EU, and Mexico during the investigation of Emerson Electric Co.’s acquisition of Pentair plc, even though the potential harm to U.S. markets was resolved exclusively through the divestiture of a U.S. switchbox facility.38 Similarly, in the General Electric-Alstom SA merger, effective relief for U.S. markets required divestiture of only U.S. based assets; however, coordination between the Department and the EC in connection with the Department’s investigation “facilitated [the Department’s] investigation and helped formulate remedies that [preserved] competition in the United States and internationally.”39 A coordinated remedy resulted in the Department and the EC announcing separate settlements that eliminated harm to consumers in their respective jurisdictions. 40 There are many more cases in which the Agencies have coordinated with their foreign counterparts on mergers that affect multiple jurisdictions.41

21. Although a merger may affect competition in several jurisdictions, the Agencies focus on preserving competition in the domestic markets that may be harmed by the proposed acquisition. On some occasions, relief secured by foreign jurisdictions means that no remedy, domestic or extraterritorial, is necessary to protect domestic competition. Though our experience in deferring to another authority’s remedy is limited, we have relied on informal deference and remain interested in doing so, under the right conditions. A notable example was in connection with Cisco’s acquisition of Tandberg in 2010. The Department declined to challenge the merger in part due to certain commitments that Cisco made to the European Commission (EC) to facilitate interoperability in products related to a type of videoconferencing called telepresence. Waivers of confidentiality by the parties and industry participants allowed the Department and the EC to cooperate closely in their parallel reviews of the transaction, resulting in an efficient outcome for the enforcers and the merging parties.42

22. Nevertheless, certain merger investigations resolved by consent decree have required the divestiture of assets located outside the United States to preserve competition within the United States. For example, the FTC consent decree resolving concerns regarding the merger of cement manufacturers Holcim Ltd. and Lafarge SA required, in part, divestiture of a Canadian cement plant and related U.S. terminals along with two Canadian terminals related to a U.S. cement plant. The FTC explained that the divested assets “remedy competitive concerns in northern U.S. markets [and are] part of a larger group of Holcim assets located in Canada that Holcim and Lafarge have agreed to divest to address competitive concerns raised by the [Canadian Competition Bureau (“CCB”)]. Commission staff worked closely with staff from the CCB to reach outcomes that benefit consumers in the United States.”

43 An extraterritorial remedy was also required to resolve Department’s investigation of the Anheuser-Busch InBev SA/NV & Grupo Modelo S.A.B. merger. The consent decree in that matter similarly required divestiture of a facility outside of the United States, the Grupo Modelo brewery in Mexico, and a perpetual and exclusive U.S. trademark license to the seven brands of beer that Modelo then offered in the United States, as well as three brands not yet offered in the United States, but currently sold by Modelo in Mexico. This remedy allowed the acquirer “to meet current and future demand for Modelo Brand Beer in the United States,” which resolved concerns that the merger would harm competition in twenty-six local U.S. markets.

#### Global digital inequality tears at the seams of the international order.

Wong ’20 [Johnson; Graduate School of Public and International Affairs @ UOttowa; “Digital Divide: Geotechnology, Politics and the International System”; <https://ruor.uottawa.ca/bitstream/10393/41017/1/WONG%2C%20Johnson%2020205.pdf>; AS]

Despite the power of institutions and the strength of international organizations to resolve conflicts, the digital divide brought on by technology, economic self-interest, and centuries of culture, will necessarily disrupt the existing international system. Even within Western liberal democratic countries, there continues to be significant systemic confrontations as long-running grievances remain unresolved, such as historical racial divisions, the surge in right-wing populism, and a growing inequality gap. Internationally, there is a shift in the character and ability of international institutions themselves to resolve disputes through existing mechanisms, such as the ABM treaty, the CFE treaty, and the INF treaty. These are a few examples of the breakdown of existing international constructs (Hall, 2019, 4). At the same time, China will continue to offer, in partnership with its Russian and other Eurasian allies, an alternative political model that will emphasize the values and qualities which are important to those societies: social stability, economic prosperity, and national strength. Zhao summarizes this argument “In the final analysis, there is a choice between a Confucius capitalist China that is trying to integrate with a socially and ecologically unsustainable planetary capitalist order and a renewed socialist China that is leading a post-capitalist and post-consumerist, sustainable developmental path as part and parcel of an alternative globalization” (Zhao, 2013, 27). The separation between capitalism and political liberalism is an intentional strategy meant to demonstrate that state governance can be effective without political change. The Chinese model will also emphasize regional strength while avoiding ideas about global tyranny so long as the US continues to be portrayed as an international bully and troublemaker that acts with impunity. On the character about the Internet itself, the seeds of doubt had already been made in various forums: “At the Forum of Independent Local and Regional Media in 2014, Putin labeled the Internet ‘a special CIA project’, adding that the United States wanted to retain their monopoly over it” (Budnitsky and Jia, 2018, 607). The digital divide will become another point of division to separate the global community this century, and as a means for authoritarians to consolidate power. While military conflict may be avoidable, cyberconflict and the use of hybrid warfare – involving careful coordination between state and non-state actors – may take place more often as state forces engage online in efforts to upset the new status quo. The benefits of technology, such as 5G and beyond, may also challenge trends and perspectives about values and culture on both sides as societies and the role of technology to support individual, corporate or state interests evolve.

#### Extinction from nuclear war, warming, and next gen tech.

Harari ’18 [Yuval Noah; Professor of History @ Hebrew University of Jerusalem; “We need a post-liberal order now”; The Economist, https://www.economist.com/open-future/2018/09/26/we-need-a-post-liberal-order-now]

For several generations, the world has been governed by what today we call “the global liberal order”. Behind these lofty words is the idea that all humans share some core experiences, values and interests, and that no human group is inherently superior to all others. Cooperation is therefore more sensible than conflict. All humans should work together to protect their common values and advance their common interests. And the best way to foster such cooperation is to ease the movement of ideas, goods, money and people across the globe. Though the global liberal order has many faults and problems, it has proved superior to all alternatives. The liberal world of the early 21st century is more prosperous, healthy and peaceful than ever before. For the first time in human history, starvation kills fewer people than obesity; plagues kill fewer people than old age; and violence kills fewer people than accidents. When I was six months old I didn’t die in an epidemic, thanks to medicines discovered by foreign scientists in distant lands. When I was three I didn’t starve to death, thanks to wheat grown by foreign farmers thousands of kilometers away. And when I was eleven I wasn’t obliterated in a nuclear war, thanks to agreements signed by foreign leaders on the other side of the planet. If you think we should go back to some pre-liberal golden age, please name the year in which humankind was in better shape than in the early 21st century. Was it 1918? 1718? 1218? Nevertheless, people all over the world are now losing faith in the liberal order. Nationalist and religious views that privilege one human group over all others are back in vogue. Governments are increasingly restricting the flow of ideas, goods, money and people. Walls are popping up everywhere, both on the ground and in cyberspace. Immigration is out, tariffs are in. If the liberal order is collapsing, what new kind of global order might replace it? So far, those who challenge the liberal order do so mainly on a national level. They have many ideas about how to advance the interests of their particular country, but they don’t have a viable vision for how the world as a whole should function. For example, Russian nationalism can be a reasonable guide for running the affairs of Russia, but Russian nationalism has no plan for the rest of humanity. Unless, of course, nationalism morphs into imperialism, and calls for one nation to conquer and rule the entire world. A century ago, several nationalist movements indeed harboured such imperialist fantasies. Today’s nationalists, whether in Russia, Turkey, Italy or China, so far refrain from advocating global conquest. In place of violently establishing a global empire, some nationalists such as Steve Bannon, Viktor Orban, the Northern League in Italy and the British Brexiteers dream about a peaceful “Nationalist International”. They argue that all nations today face the same enemies. The bogeymen of globalism, multiculturalism and immigration are threatening to destroy the traditions and identities of all nations. Therefore nationalists across the world should make common cause in opposing these global forces. Hungarians, Italians, Turks and Israelis should build walls, erect fences and slow down the movement of people, goods, money and ideas. The world will then be divided into distinct nation-states, each with its own sacred identity and traditions. Based on mutual respect for these differing identities, all nation-states could cooperate and trade peacefully with one another. Hungary will be Hungarian, Turkey will be Turkish, Israel will be Israeli, and everyone will know who they are and what is their proper place in the world. It will be a world without immigration, without universal values, without multiculturalism, and without a global elite—but with peaceful international relations and some trade. In a word, the “Nationalist International” envisions the world as a network of walled-but-friendly fortresses. Many people would think this is quite a reasonable vision. Why isn’t it a viable alternative to the liberal order? Two things should be noted about it. First, it is still a comparatively liberal vision. It assumes that no human group is superior to all others, that no nation should dominate its peers, and that international cooperation is better than conflict. In fact, liberalism and nationalism were originally closely aligned with one another. The 19th century liberal nationalists, such as Giuseppe Garibaldi and Giuseppe Mazzini in Italy, and Adam Mickiewicz in Poland, dreamt about precisely such an international liberal order of peacefully-coexisting nations. The second thing to note about this vision of friendly fortresses is that it has been tried—and it failed spectacularly. All attempts to divide the world into clear-cut nations have so far resulted in war and genocide. When the heirs of Garibaldi, Mazzini and Mickiewicz managed to overthrow the multi-ethnic Habsburg Empire, it proved impossible to find a clear line dividing Italians from Slovenes or Poles from Ukrainians. This had set the stage for the second world war. The key problem with the network of fortresses is that each national fortress wants a bit more land, security and prosperity for itself at the expense of the neighbors, and without the help of universal values and global organisations, rival fortresses cannot agree on any common rules. Walled fortresses are seldom friendly. But if you happen to live inside a particularly strong fortress, such as America or Russia, why should you care? Some nationalists indeed adopt a more extreme isolationist position. They don’t believe in either a global empire or in a global network of fortresses. Instead, they deny the necessity of any global order whatsoever. “Our fortress should just raise the drawbridges,” they say, “and the rest of the world can go to hell. We should refuse entry to foreign people, foreign ideas and foreign goods, and as long as our walls are stout and the guards are loyal, who cares what happens to the foreigners?” Such extreme isolationism, however, is completely divorced from economic realities. Without a global trade network, all existing national economies will collapse—including that of North Korea. Many countries will not be able even to feed themselves without imports, and prices of almost all products will skyrocket. The made-in-China shirt I am wearing cost me about $5. If it had been produced by Israeli workers from Israeli-grown cotton using Israeli-made machines powered by non-existing Israeli oil, it may well have cost ten times as much. Nationalist leaders from Donald Trump to Vladimir Putin may therefore heap abuse on the global trade network, but none thinks seriously of taking their country completely out of that network. And we cannot have a global trade network without some global order that sets the rules of the game. Even more importantly, whether people like it or not, humankind today faces three common problems that make a mockery of all national borders, and that can only be solved through global cooperation. These are nuclear war, climate change and technological disruption. You cannot build a wall against nuclear winter or against global warming, and no nation can regulate artificial intelligence (AI) or bioengineering single-handedly. It won’t be enough if only the European Union forbids producing killer robots or only America bans genetically-engineering human babies. Due to the immense potential of such disruptive technologies, if even one country decides to pursue these high-risk high-gain paths, other countries will be forced to follow its dangerous lead for fear of being left behind. An AI arms race or a biotechnological arms race almost guarantees the worst outcome. Whoever wins the arms race, the loser will likely be humanity itself. For in an arms race, all regulations will collapse. Consider, for example, conducting genetic-engineering experiments on human babies. Every country will say: “We don’t want to conduct such experiments—we are the good guys. But how do we know our rivals are not doing it? We cannot afford to remain behind. So we must do it before them.” Similarly, consider developing autonomous-weapon systems, that can decide for themselves whether to shoot and kill people. Again, every country will say: “This is a very dangerous technology, and it should be regulated carefully. But we don’t trust our rivals to regulate it, so we must develop it first”. The only thing that can prevent such destructive arms races is greater trust between countries. This is not an impossible mission. If today the Germans promise the French: “Trust us, we aren’t developing killer robots in a secret laboratory under the Bavarian Alps,” the French are likely to believe the Germans, despite the terrible history of these two countries. We need to build such trust globally. We need to reach a point when Americans and Chinese can trust one another like the French and Germans. Similarly, we need to create a global safety-net to protect humans against the economic shocks that AI is likely to cause. Automation will create immense new wealth in high-tech hubs such as Silicon Valley, while the worst effects will be felt in developing countries whose economies depend on cheap manual labor. There will be more jobs to software engineers in California, but fewer jobs to Mexican factory workers and truck drivers. We now have a global economy, but politics is still very national. Unless we find solutions on a global level to the disruptions caused by AI, entire countries might collapse, and the resulting chaos, violence and waves of immigration will destabilise the entire world. This is the proper perspective to look at recent developments such as Brexit. In itself, Brexit isn’t necessarily a bad idea. But is this what Britain and the EU should be dealing with right now? How does Brexit help prevent nuclear war? How does Brexit help prevent climate change? How does Brexit help regulate artificial intelligence and bioengineering? Instead of helping, Brexit makes it harder to solve all of these problems. Every minute that Britain and the EU spend on Brexit is one less minute they spend on preventing climate change and on regulating AI. In order to survive and flourish in the 21st century, humankind needs effective global cooperation, and so far the only viable blueprint for such cooperation is offered by liberalism. Nevertheless, governments all over the world are undermining the foundations of the liberal order, and the world is turning into a network of fortresses. The first to feel the impact are the weakest members of humanity, who find themselves without any fortress willing to protect them: refugees, illegal migrants, persecuted minorities. But if the walls keep rising, eventually the whole of humankind will feel the squeeze.

### 1AC – Extra

#### Market dynamism lies at 30-year lows.

Khan ’19 [Lina; Chairperson @ Federal Trade Commission, JD @ Yale Law School; “The Separations of Platforms and Commerce,” *Columbia Law Review* 119(4), p. 973-1098; AS]

1. Are Dominant Digital Platforms Stifling Innovation? — One risk associated with foreclosure and value appropriation by dominant digital platforms is that this conduct could deter entry and chill innovation. If independent developers or producers rely on a dominant platform to reach customers and also face the constant risk that the platform will foreclose access, appropriate their business value, or both, producers may be less likely to secure funding and develop their product in the first place. In Microsoft, the district court found that Microsoft’s exclusionary conduct not only had hobbled innovation in middleware and applications software but had discouraged competition throughout the computer industry as a whole.185 The long-term effect of its conduct was to “deter[] investment in technologies and businesses that exhibit[ed] the potential to threaten Microsoft.”186

Anecdotal evidence suggests that both actual entry and the threat of entry by digital platforms into platform-adjacent markets is dampening investment in complementary segments, now known as a “kill-zone.”187 For example, a survey of more than two dozen Silicon Valley investors revealed that Facebook’s willingness to appropriate information from and mimic the functionality of apps has created “a strong disincentive for investors” to fund services that Facebook might copy.188 One founder observed, “People are not getting funded because Amazon might one day compete with them.”189 “We don’t touch anything that comes too close to Facebook, Google or Amazon,” said a managing partner at New Enterprise Associates.190 Another venture capital investor noted that the impact of dominant digital platforms on “what can be funded, and what can succeed, is massive.”191 This concern raised by venture capitalists makes sense: A potential innovator (or a potential funder of a potential innovator) decides whether to invest based on the anticipated risk and reward of realizing the innovation. Anticipating platform discrimination or appropriation will lower expected rewards, depressing the incentive to invest. Even the uncertainty of discrimination can dissuade entry by heightening risk.

Data on investment trends do not offer a decisive answer but generally seem consistent with the story told by surveyed investors. Venture capital funding as a whole appears to be booming: In 2018, the total annual venture capital invested surpassed $100 billion for the first time since the dot-com period.192 The number of angel and seed investments, meanwhile, has been declining since 2015, signaling that it has become harder for startups to secure an initial round of financing.193 Indeed, it is late-stage deals with mature companies that account for an “outsized proportion” of total capital today,194 while startups see fewer first financings, even as the deal value for startups has increased.195 In other words, venture capital markets seem to be following a winner-takemost model: Fewer firms receive funding, but those that do are raising more capital.196 These trends come against a backdrop of falling entrepreneurship: Startup formation is at a thirty-year low, contributing to a loss of business dynamism.197

# 2AC

## Competitiveness

### 2AC – AT: Terror DA

#### No nuclear terror.

Mueller ’20 [John; Professor of Political Science and Senior Research Scientist with the Mershon Center for International Security Studies @ Ohio State University, Senior Fellow @ Cato Institute, PhD @ University of California, Los Angeles; “Nuclear Alarmism: Proliferation and Terrorism”; June 24th, 2020; https://www.cato.org/publications/publications/nuclear-alarmism-proliferation-terrorism]

Building a Bomb of One’s Own

Because they are unlikely to be able to buy or steal a usable bomb and because they are further unlikely to have one handed off to them by an established nuclear state, the most plausible route for terrorists would be to manufacture the device themselves from purloined materials. That is the course identified by a majority of leading experts as the one most likely to lead to nuclear terrorism.44

The simplest design is a “gun” type of device in which masses of highly enriched uranium are hurled at each other within a tube. Such a device would be, as Allison acknowledges, “large, cumbersome, unsafe, unreliable, unpredictable, and inefficient.“45

The process of making such a weapon is daunting even in this minimal case. In particular, the task requires that a considerable series of difficult hurdles be conquered and in sequence.

To begin with, now and likely for the foreseeable future, stateless groups are incapable of manufacturing the requisite weapons‐​grade uranium themselves because the process requires an effort on an industrial scale. Moreover, they are unlikely to be supplied with the material by a state for the same reasons a state is unlikely to give them a workable bomb.46 Thus, they would need to steal or illicitly purchase the crucial material.

A successful armed theft is exceedingly unlikely, not only because of the resistance of guards but also because chase would be immediate. A more plausible route would be to corrupt insiders to smuggle out the necessary fissile material. However, that approach requires the terrorists to pay off a host of greedy confederates, including brokers and money transmitters, any one of whom could turn on them or — either out of guile or incompetence — furnish them with stuff that is useless.47 Moreover, because of improved safeguards and accounting practices, it is decreasingly likely that the theft would remain undetected.48 That development is important because if any missing uranium is noticed, the authorities would investigate the few people who might have been able to assist the thieves, and one who seems suddenly to have become prosperous is likely to arrest their attention right from the start. Even one initially tempted by, seduced by, or sympathetic to, the blandishments of the smooth‐​talking foreign terrorists might soon develop sobering second thoughts and go to the authorities. Insiders tempted to assist terrorists might also come to ruminate over the fact that, once the heist was accomplished, the terrorists would, as analyst Brian Jenkins puts it none too delicately, “have every incentive to cover their trail, beginning with eliminating their confederates.“49

It is also relevant to note that over the years, known thefts of highly enriched uranium have totaled fewer than 16 pounds. That amount is far less than that required for an atomic explosion: for a crude bomb, more than 100 pounds are necessary to produce a likely yield of one kiloton. Moreover, none of those thieves was connected to al Qaeda, and, most arrestingly, none had buyers lined up — nearly all were caught while trying to peddle their wares. Indeed, concludes analyst Robin Frost, “There appears to be no true demand, except where the buyers were government agents running a sting.” Because there appears to be no commercial market for fissile material, each sale would be a one‐​time affair, not a continuing source of profit such as drugs, and there is no evidence of established underworld commercial trade in this illicit commodity.50

If terrorists were somehow successful in obtaining a sufficient mass of relevant material, they would then have to transport it out of the country over unfamiliar terrain, probably while being pursued by security forces. Then, they would need to set up a large and well‐​equipped machine shop to manufacture a bomb and populate it with a select team of highly skilled scientists, technicians, and machinists. The process would also require good managers and organizers. The group would have to be assembled and retained for the monumental task without generating consequential suspicions among friends, family, and police about their curious and sudden absence from normal pursuits back home. Pakistan, for example, maintains a strict watch on many of its nuclear scientists even after retirement.51

Some observers have insisted that it would be “easy” for terrorists to assemble a crude bomb if they could get enough fissile material.52 However, Christoph Wirz and Emmanuel Egger, two senior physicists in charge of nuclear issues at Switzerland’s Spiez Laboratory, conclude that the task “could hardly be accomplished by a subnational group.” They point out that precise blueprints are required, not just sketches and general ideas, and that even with a good blueprint, the terrorist group “would most certainly be forced to redesign.” They also stress that the work, far from being “easy,” is difficult, dangerous, and extremely exacting and that the technical requirements “in several fields verge on the unfeasible.“53

Los Alamos research director Younger makes a similar argument, expressing his amazement at “self‐​declared ‘nuclear weapons experts,’ many of whom have never seen a real nuclear weapon,” who “hold forth on how easy it is to make a functioning nuclear explosive.” Information is available for getting the general idea behind a rudimentary nuclear explosive, but none is detailed enough for “the confident assembly of a real nuclear explosive.” Younger concludes, “To think that a terrorist group, working in isolation with an unreliable supply of electricity and little access to tools and supplies” could fabricate a bomb “is far‐​fetched at best.“54

Under the best of circumstances, the process could take months or even a year or more, and it would all, of course, have to be carried out in utter secret even while local and international security police are likely to be on the intense prowl. In addition, people, or criminal gangs, in the area may observe with increasing curiosity and puzzlement the constant comings and goings of technicians unlikely to be locals.

The process of fabricating a nuclear device requires, then, the effective recruitment of people who at once have great technical skills and will remain completely devoted to the cause. In addition, a host of corrupted coconspirators, many of them foreign, must remain utterly reliable; international and local security services must be kept perpetually in the dark; and no curious outsider must get wind of the project over the months, or even years, it takes to pull off.

The finished product could weigh a ton or more. Encased in lead shielding to mask radioactive emissions, it would then have to be transported to, as well as smuggled into, the relevant target country. Then, the enormous package would have to be received within the target country by a group of collaborators who are at once totally dedicated and technically proficient at handling, maintaining, and perhaps assembling the weapon. Then, they would have to detonate it somewhere under the fervent hope that the machine shop work has been proficient, that no significant shakeups occurred in the treacherous process of transportation, and that the thing — after all that effort — doesn’t prove to be a dud.

The financial costs of the extended operation in its cumulating entirety could become monumental. There would be expensive equipment to buy, smuggle, and set up, as well as people to pay — or pay off. Some operatives might work for free out of dedication, but the vast conspiracy also requires the subversion of an array of criminals and opportunists, each of whom has every incentive to push the price for cooperation as high as possible. Any criminals who are competent and capable enough to be an effective ally in the project are likely to be both smart enough to see opportunities for extortion and psychologically equipped by their profession to be willing to exploit them.

## Dependency Trap

## Cap

### 2AC – AT: Cap K

#### Do both – regulated capitalism best. Plan challenges market concetration and consumer welfare standard. Blanket critique totalizes.

Clive BARNETT Faculty of the Social Sciences @ Open University (UK) ‘5 [“The Consolations of ‘Neoliberalism’” *Geoforum* 36 (1) p. Science Direct]

3. There is no such thing as neoliberalism! The blind-spot in theories of neoliberalism—whether neo-Marxist and Foucauldian—comes with trying to account for how top-down initiatives ‘take’ in everyday situations. So perhaps the best thing to do is to stop thinking of “neoliberalism” as a coherent “hegemonic” project altogether. For all its apparent critical force, the vocabulary of “neoliberalism” and “neoliberalization” in fact provides a double consolation for leftist academics: it supplies us with plentiful opportunities for unveiling the real workings of hegemonic ideologies in a characteristic gesture of revelation; and in so doing, it invites us to align our own professional roles with the activities of various actors “out there”, who are always framed as engaging in resistance or contestation. The conceptualization of “neoliberalism” as a “hegemonic” project does not need refining by adding a splash of Foucault. Perhaps we should try to do without the concept of “neoliberalism” altogether, because it might actually compound rather than aid in the task of figuring out how the world works and how it changes. One reason for this is that, between an overly economistic derivation of political economy and an overly statist rendition of governmentality, stories about “neoliberalism” manage to reduce the understanding of social relations to a residual effect of hegemonic projects and/or governmental programmes of rule (see Clarke, 2004a). Stories about “neoliberalism” pay little attention to the pro-active role of socio-cultural processes in provoking changes in modes of governance, policy, and regulation. Consider the example of the restructuring of public services such as health care, education, and criminal justice in the UK over the last two or three decades. This can easily be thought of in terms of a “hegemonic” project of “neoliberalization”, and certainly one dimension of this process has been a form of anti-statism that has rhetorically contrasted market provision against the rigidities of the state. But in fact these ongoing changes in the terms of public-policy debate involve a combination of different factors that add up to a much more dispersed populist reorientation in policy, politics, and culture. These factors include changing consumer expectations, involving shifts in expectations towards public entitlements which follow from the generalization of consumerism; the decline of deference, involving shifts in conventions and hierarchies of taste, trust, access, and expertise; and the refusals of the subordinated, referring to the emergence of anti-paternalist attitudes found in, for example, women’s health movements or anti-psychiatry movements. They include also the development of the politics of difference, involving the emergence of discourses of institutional discrimination based on gender, sexuality, race, and disability. This has disrupted the ways in which welfare agencies think about inequality, helping to generate the emergence of contested inequalities, in which policies aimed at addressing inequalities of class and income develop an ever more expansive dynamic of expectation that public services should address other kinds of inequality as well (see Clarke, 2004b J. Clark, Dissolving the public realm? The logics and limits of neo-liberalism, Journal of Social Policy 33 (2004), pp. 27–48.Clarke, 2004b). None of these populist tendencies is simply an expression of a singular “hegemonic” project of “neoliberalization”. They are effects of much longer rhythms of socio-cultural change that emanate from the bottom-up. It seems just as plausible to suppose that what we have come to recognise as “hegemonic neoliberalism” is a muddled set of ad hoc, opportunistic accommodations to these unstable dynamics of social change as it is to think of it as the outcome of highly coherent political-ideological projects. Processes of privatization, market liberalization, and de-regulation have often followed an ironic pattern in so far as they have been triggered by citizens’ movements arguing from the left of the political spectrum against the rigidities of statist forms of social policy and welfare provision in the name of greater autonomy, equality, and participation (e.g. Horwitz, 1989). The political re-alignments of the last three or four decades cannot therefore be adequately understood in terms of a straightforward shift from the left to the right, from values of collectivism to values of individualism, or as a re-imposition of class power. The emergence and generalization of this populist ethos has much longer, deeper, and wider roots than those ascribed to “hegemonic neoliberalism”. And it also points towards the extent to which easily the most widely resonant political rationality in the world today is not right-wing market liberalism at all, but is, rather, the polyvalent discourse of “democracy” (see Barnett and Low, 2004). Recent theories of “neoliberalism” have retreated from the appreciation of the long-term rhythms of socio-cultural change, which Stuart Hall once developed in his influential account of Thatcherism as a variant of authoritarian populism. Instead, they favour elite-focused analyses of state bureaucracies, policy networks, and the like. One consequence of the residualization of the social is that theories of “neoliberalism” have great difficulty accounting for, or indeed even in recognizing, new forms of “individualized collective-action” (Marchetti, 2003) that have emerged in tandem with the apparent ascendancy of “neoliberal hegemony”: environmental politics and the politics of sustainability; new forms of consumer activism oriented by an ethics of assistance and global solidarity; the identity politics of sexuality related to demands for changes in modes of health care provision, and so on (see Norris, 2002). All of these might be thought of as variants of what we might want to call bottom-up governmentality. This refers to the notion that non-state and non-corporate actors are also engaged in trying to govern various fields of activity, both by acting on the conduct and contexts of ordinary everyday life, but also by acting on the conduct of state and corporate actors as well. Rose (1999, pp. 281–284) hints at the outlines of such an analysis, at the very end of his paradigmatic account of governmentality, but investigation of this phenomenon is poorly developed at present. Instead, the trouble-free amalgamation of Foucault’s ideas into the Marxist narrative of “neoliberalism” sets up a simplistic image of the world divided between the forces of hegemony and the spirits of subversion (see Sedgwick, 2003, pp. 11–12). And clinging to this image only makes it all the more difficult to acknowledge the possibility of positive political action that does not conform to a romanticized picture of rebellion, contestation, or protest against domination (see Touraine, 2001). Theories of “neoliberalism” are unable to recognize the emergence of new and innovative forms of individualized collective action because their critical imagination turns on a simple evaluative opposition between individualism and collectivism, the private and the public. The radical academic discourse of “neoliberalism” frames the relationship between collective action and individualism simplistically as an opposition between the good and the bad. In confirming a narrow account of liberalism, understood primarily as an economic doctrine of free markets and individual choice, there is a peculiar convergence between the radical academic left and the right-wing interpretation of liberal thought exemplified by Hayekian conservatism. By obliterating the political origins of modern liberalism—understood as answering the problem of how to live freely in societies divided by interminable conflicts of value, interest, and faith—the discourse of “neoliberalism” reiterates a longer problem for radical academic theory of being unable to account for its own normative priorities in a compelling way. And by denigrating the value of individualism as just an ideological ploy by the right, the pejorative vocabulary of “neoliberalism” invites us to take solace in an image of collective decision-making as a practically and normatively unproblematic procedure. The recurrent problem for theories of “neoliberalism” and “neoliberalization” is their two-dimensional view of both political power and of geographical space. They can only account for the relationship between top-down initiatives and bottom-up developments by recourse to the language of centres, peripheries, diffusion, and contingent realizations; and by displacing the conceptualization of social relations with a flurry of implied subject-effects. The turn to an overly systematized theory of governmentality, derived from Foucault, only compounds the theoretical limitations of economistic conceptualizations of “neoliberalism”. The task for social theory today remains a quite classical one, namely to try to specify “the recurrent causal processes that govern the intersections between abstract, centrally promoted plans and social life on the small scale” (Tilly, 2003, p. 345). Neither neoliberalism-as-hegemony nor neoliberalism-as-governmentality is really able to help in this task, not least because both invest in a deeply embedded picture of subject-formation as a process of “getting-at” ordinary people in order to make them believe in things against their best interests. With respect to the problem of accounting for how “hegemonic” projects of “neoliberalism” win wider consensual legitimacy, Foucault’s ideas on governmentality seem to promise an account of how people come to acquire what Ivison (1997) calls the “freedom to be formed and normed”. Over time, Foucault’s own work moved steadily away from an emphasis on the forming-and-norming end of this formulation towards an emphasis on the freedom end. This shift was itself a reflection of the realization that the circularities of poststructuralist theories of subjectivity can only be broken by developing an account of the active receptivity of people to being directed. But, in the last instance, neither the story of neoliberalism-as-hegemony or of neoliberalism-as-governmentality can account for the forms of receptivity, pro-activity, and generativity that might help to explain how the rhythms of the everyday are able to produce effects on macro-scale processes, and vice versa. So, rather than finding convenient synergies between what are already closely related theoretical traditions, perhaps it is better to keep open those tiresome debates about the degree of coherence between them, at the same time as trying to broaden the horizons of our theoretical curiosity a little more widely.

#### Transition fails.

Buchs, PhD, ’19 [Milena, Associate Professor in Sustainability, Economics and Low Carbon Transitions @University of Leeds, “Challenges for the degrowth transition: The debate about wellbeing,” *Futures*, Volume 105, 2019, pp. 155-165]

The social practices lens is also useful for thinking about possible wellbeing implications of rapid social change more generally, and a transition away from a growth-based economy specifically. While the concept of social practices inherently implies the pos- sibility of change (with its focus on agency and creativity), it equally strongly highlights the structural aspects of practices which provide stability and orientation. During times of rapid social transitions, social norms and ‘mental infrastructures’ often lag behind, creating disorientation, social conflict, and negative impacts on wellbeing (Büchs & Koch, 2017: ch. 6).

Stability of structural dimensions of social practices offers orientation and some extent of predictability of how oneself and other people are likely to act in the future, providing a framework within which flexibility and change are possible. This orienting function of structural dimensions of practices is likely to be an important condition for people to form reasonably stable identities and relationships – key ingredients for wellbeing. Examples from classical and contemporary sociological and psychological research suggest that different speeds of changing social structures can establish misalignments and disruptions of social practices which can, in turn, negatively influence health and other wellbeing outcomes. For instance, in his classical study, Durkheim presents suicide at least partly as an outcome of a failure of cultural resources to provide meaning and orientation in the context of other, more rapid social changes (Durkheim, 2006; Vega & Rumbaut, 1991: 375). This idea also links to Bourdieu’s concept of the “hysteresis effect”. Here, Bourdieu emphasises that, especially during phases of social transition, people’s habitus and “objective” social circumstances can become disjointed: as a result of hysteresis, dispositions can be “out of line with the field and with the ‘collective expectations’ which are constitutive of its normality. This is the case, in particular, when a field undergoes a major crisis and its regularities (even its rules) are profoundly changed” (Bourdieu, 2000: 160). This can contribute to a deterioration of people’s wellbeing as it makes them feel “out of place” or let them be perceived that way, “plung[ing] them deeper into failure” (Bourdieu, 2000: 161) because they cannot make use of new opportunities or are mistreated or socially excluded by others.

Empirical research which partly builds on the idea of hysteresis has shown that wide-ranging organisational change can have a range of negative effects on people’s health and mortality (Ferrie et al., 1998; McDonough & Polzer, 2012). One study found that across 174 countries, several measures of wellbeing and social performance, including life satisfaction, health, safety and trust, voice and accountability, were highest in periods of economic stability, but lower in times of GDP growth or contraction (O’Neill, 2015); and other studies concluded that life expectancy can be negatively affected by both rapid economic growth and contraction (Notzon et al., 1998; Szreter, 1999).

Several scholars have recently highlighted the potential for social conflict inherent in (rapid) social change. For instance, Maja Göpel (2016: 49) remarks: “Unsurprisingly, the navigation or transition phase in shifting paradigms as well as governance solutions is marked by chaos, politicization, unease and power-ridden struggles”. Wolfgang Streeck has issued similar warnings (Streeck et al., 2016: 169). It is not difficult to see how such scenarios bear the potential of undermining some of the fundamental conditions that are necessary for the satisfaction of basic needs as discussed above, and hence the danger of generating substantial wellbeing losses for current and near-future generations.

In the current context, it is very difficult to imagine that we might be able to observe a rapid and radical cultural change in which people adopt identities and related lifestyles that value intrinsically motivated activities over pursuing satisfaction and status through careers and consumption. Even more worryingly, political events in Europe, the United States and elsewhere since the ‘Great Crash’ of 2008 indicate that times of negative or stagnant growth can provide a breeding ground for populist, nationalistic and anti-democratic movements. Economic insecurity, a perceived threat of established identities through migrants, and deep mistrust against ‘elite’ politicians are amongst the main explanations for previously unimaginable events such as the Brexit vote, Trump presidency, and recent electoral successes for far right-wing parties in a range of European countries.

#### Radical economic kritiks *must* provide specific alternatives to existing economic methods. Failure to specifically explain an alternative crushes hope for transition.

Andrew **SAYER** Reader in Political Economy @ Lancaster **’95** *Radical Political Economy: A Critique* p. 7-8

Radical political economy is of course a critical social science, both explaining and criticizing the practices it studies, with the explicit aim of reducing illusion and freeing people from domination and unwanted forces. But it can only hope to have an emancipatory effect if it considers its own critical standpoints and the alternative social arrangements they imply. Unfortunately it rarely does this, with the result that its stand- points and implicit alternatives are often contradictory, infeasible, or undesirable even if they are feasible. Marxist-influenced work still bears the traces of the tension between the standpoints of a socialist or communist society which has pre-industrial communitarian qualities and one in which the forces of production are developed beyond current levels of industrialization. More generally, there is a strong modernist tendency in which it is assumed that problems can be progressively unravelled without creating new ones at the same time, as if eventually all trade-offs or dilemmas could be overcome through a triumph of reason. We shall argue through substantive examples that such optimism is not only misplaced but likely to be counterproductive, limiting progress. There are always likely to be 'dilemmas of development' (Toye, 1987. The problem of critical standpoints has become more acute in recent years, indeed it is central to the crisis of the Left. There is no longer asingle standpoint or alternative (socialism/communism) counterposed to a single, overarching target (capitalism). Now there are many targets -patriarchy, racism, homophobia, militarism, industrialism - and corre- spondingly many critical standpoints with complex relations between them. That critical social science is no longer seen as synonymous with a socialist perspective is a sign of considerable progress, and cause for optimism too, as failure on the traditional front of class politics is compensated by progress on other, newer fronts such as the politics of gender. But it is also a source of heightened uncertainty. While there was always a problem of inconsistencies between critical standpoints, it has deepened and widened with the rise of 'green' concerns, for they bring into question the feasibility and desirability of non-capitalist as well as capitalist industrial societies. Is the problem capitalism, industrial society in general, or modernity?; and what are the alterna- tives? Equally, increasing awareness of problems of ethnocentrism and value pluralism throws doubt over the familiar, implicit critical stand- points of Western radical social science. How do we decide what is a problem? What if we cannot reach a consensus on this? Until recently, it seemed that the problems or targets of critical social science could be relied upon to emerge from the investigation of existing practices, where one would encounter the felt needs, frustrations and suffering of actors, and in discovering the sources of these problems, work out what changes would lead towards emancipation (e.g. Fay, 1975, 1987; Collier, 1994h(. This was coupled with an implicit view that emancipation was a form of escape from domination, illusion and unwanted constraints, with little or no acknowledgement that it depended on the construction of superior, alternative, progressive frameworks which could replace the old ones. But it is now increasingly apparent that normative questions of possible alternatives and what is good or bad about them cannot be evaded. How, without addressing such questions, could one decide what constitutes a superior alternative? Should there be a presumption in favour of community as a basis of social organiz- ation over other forms? Does liberalism provide the best framework for multicultural societies? What should be people's rights and responsibili- ties? What are our responsibilities to distant others, future generations, and to other species? There is little hope of achieving the goal of an emancipatory social science if it shuns normative discussions of issues such as these.

#### Commons fails – alienates potential allies and assumes non-market economics wouldn’t oppress.

Julie **NELSON** Global Development and Environment @ Tufts **‘6** *Economics for Humans* p. 37-40

Problems with the Market-Critic Prescriptions

At the end of the last chapter, I brought up evidence of poverty and corporate abuses that raise questions about the adequacy of the probusiness, free-market prescription for curing social ills. Do the prescriptions of the market critics for “small is beautiful/’“government to the rescue,” or “separate spheres” solutions give us grounds for more hope?

The “small is beautiful” prescription contains, of course, some truth. It is true that acting ethically is a more complicated process the larger and more complex the level of organization involved. Likewise, the “government to the rescue” advocates make some good points. It is easier for any one company to do the right thing if there is public pressure on all companies to do the right thing, and a government regulation can be a good tool for applying such pressure. On an even larger scale, international public agreements may be the only hope for addressing global climate change issues. These are far too big for any one nation, let alone one company, to take on. And there is some truth in the “separate spheres” view. There are some social welfare problems for which private, market solutions don’t work. Care for people who are poor and ill or otherwise needy cannot be provided on a purely market basis. The funds have to come from somewhere other than the “consumers” of the services. Public or private nonprofit allocations of money are necessary.

But while the values held in high regard by market critics are praiseworthy, and the prescriptions contain partial truths, I find the prescribed solutions lacking when held up to criteria of realism and effectiveness. Sometimes the proposed solutions could cause real damage.

A first problem is that these views tend to assume not only that the market sphere is driven exclusively by self-interest, but that self-interest is exclusive to the market sphere. They often seem to assume that if an organization is small, or nonprofit, or governmental, then non-self-interested motivations can be trusted to take over. We should consider the evidence on this.

Families, for example, are very small nonprofit organizations, presumably governed by interests of love and intimacy (as in the Victorian image).The newspaper reminds us daily, however, that families can also be characterized by domination and abuse, even violence. Sometimes being in a small-scale organization just means being under the thumb of a small-scale oppressor.

Community organizing is a great way to bring a group together to work on issues of social concern and to create opportunities for activism. Community organizing was very effective in South Boston in the 1970s, for instance, when big community demonstrations were organized to fight racial integration of the local public schools. Sometimes community groups carry out agendas of racism. And it is not uncommon for community activists motivated by not-in-my-backyard sentiments to try to push undesirable projects off on some other community. Communities, like individuals, can act in purely self-interested ways.

Nonprofit and religious organizations can bring people together to work for goals other than profit.The Boston diocese of the Catholic Church, for example, is legally not allowed to be motivated by profit. It was the maintenance of its own institutional hierarchies and reputation that motivated it to quietly move priests who sexually abused children from one parish to another, thereby supplying the abusers with fresh victims. Nonprofit institutions—even those ostensibly concerned with maintaining moral and spiritual values—are not immune to evil.

In an era of suspicious elections, campaign finance fiascos, and powerful lobbyists, one has to be naive in the extreme to believe that governments can be trusted to automatically or naturally work for the common good.

Appeals to small communities, nonprofits, or governments to take over economic activities “in the public interest” seem to me to bring in a deus ex machina solution.

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Yes, it would be nice if it worked. But how do we know that those selfish motivations critics assume drive the market are not also going to show up in families, community organizations, nonprofits, and the state?

A second problem with these views is that they largely pull the rug out from under their own noble drives. Because money and power are associated with greed and oppression, money and power are treated as inherently morally suspect. People who possess these, such as corporate executives who might be willing to engage in ethical discussion (if given the chance), are labeled as the evil “them,” separated by a large gulf from the moral “us.” Thus, potential allies and power bases are eliminated. This aversion to money and power has, I believe, been especially damaging to the sectors of the economy in which hands-on care is provided to children, the sick, and the elderly. Remember this poster: “It will be a great day when the schools have all the money they need and the air force has to hold a bake sale to buy a bomber”? How true. But the antimoney ideology reinforces exactly the bake-sale, nickel-and-dime mentality for human services that that poster decried. The damage this attitude has inflicted on caring work will be taken up further when I look at issues of money and motivations in chapter 4. A third problem is that, even if the prescriptions given by market critics were viable once put in place, there would still remain the problem of getting there. The massive promarket tide now flooding the United States and global institutions presents an intimidating reality check. The “small is beautiful” view tells us that we must have a massive economic restructuring— the thorough destruction of large corporations as a form of economic organization—before we can really be human in our economic lives. This would require a gargantuan change— larger, perhaps, than the Industrial Revolution and the rise and fall of Communism combined. If, on the other hand, we hope to be rescued by the rise of powerful, purely public-spirited interventionist governments, the current political climate makes it look like we may be waiting a very long time. Every step toward wresting control away from those with money and power will, market critics correctly perceive, be resisted by those with money and power.

Some people enjoy tilting at the economic machine—or at windmills, like Don Quixote in his hopeless crusades. In fact, I admire the spirit of people who keep to their praiseworthy, treasured values against all odds. But what if the futures envisioned by market critics, visions that tend to seesaw between the utopian and apocalyptic, are not the only options? What if the proposed solutions are unsatisfactory because the market critics have, unfortunately, combined good values with erroneous “facts” about what an economy is?

#### Kuznets curve is true — their datasets erroneously includes tons of countries that haven’t reached the tipping point — obviously that dilutes their findings!

Akalin, PhD, 17 (Guray, 1 Faculty of Economics and Administrative Sciences, Mustafa Kemal University, 2017, “Environment–economic Growth Nexus: A Comparative Analysis of Developed and Developing Countries.” International Journal of Energy Economics and Policy, vol. 7, no. 5, pp. 34–43)

6. CONCLUSIONS AND POLICY IMPLICATIONS Since the early 1970s, especially after the United Nations Conference on the Human Environment in 1972, the relationship between production and environmental concerns has been handled by different methods in different disciplines. This is because the environment is of vital importance for human life, and they are confronted with serious environmental problems. The most important of these problems are as follows: The risk of going over the environmental pollution assimilation capacity; the difficulty in return of natural balance in the environment; large-scale health problems caused by environmental pollution; rapid depletion of natural resources; global warming and climate change, and the resulting related natural disasters such as floods; the reduction of biodiversity, air pollution, and soil pollution. Empirical studies on the environmental pollution–economic growth nexus explore the validity of the EKC hypothesis which states that environmental pollution will increase up to a certain threshold of income growth, and after this threshold, will begin to decrease due to the demand for a clean environment and structural and technological inputs. If the EKC hypothesis is valid, economic growth is both cause of and solution to environmental pollution. This approach is often used when arguing that countries should not compromise economic growth policies to reduce environmental effects. The EKC hypothesis is not valid in cases where economic growth that increased production is the only cause of environmental pollution. This has accelerated the search to replace the neoclassical growth strategy. Especially highlighted by the 1992 UNCED conference in Rio de Janeiro, a win-win approach to understanding the appropriate account of the ecological paradigm has gained importance in recent years. Therefore, the validity of the EKC hypothesis is an important issue in formulating economic growth policies for all countries. In this study, the following two samples are used: (i) 40 highincome countries (OECD members and non-members) and (ii) 33 upper middle-income countries. These countries are selected according to data available from related income groups. The results from the dynamic panel data methods are as follows: (i) The Durbin–Hausman cointegration test shows that there is a long-term relationship between variables. (ii) The results from the CCE estimator indicate that there is evidence of validity of the EKC hypothesis in developed countries. (iii) The EKC hypothesis is not valid in the developing countries. These results show that economic growth is sufficient enough to safeguard environmental quality for developed countries. However, developing countries have not yet reached income levels high enough to be able to derive their turning points. Therefore, to reduce environmental pollution that comes with economic growth, developing countries should give importance to R&D activities and institutionalization of environmental awareness. An increase in environmental awareness is imperative and developing and developed countries must not forget the fact that the natural world of tomorrow will be created today. Also, our findings show that trade liberalization is not harmful for the environment in developed and developing countries. This means that the increase of trade volume will not produce more carbon emissions. Despite the results obtained for the developed countries, we cannot assume that environmental betterment will continue to accompany further growth of per capita income in developed countries. So that, future studies can examine the relationship between economic growth and other pollutants. Because, along with the economic growth it may increase the amount of other pollutants.

## AT: Notice and Comment

### 2AC – AT: Notice and Comment

## AT: Regulation PIC

### 2AC – AT: Regulation CP

#### FTC expertise key to cater separations to industry trends – CP creates uncertainty that deters innovation.

Chopra & Khan ’20 [Rohit; Commissioner @ Federal Trade Commission; and Lina; Chairperson @ Federal Trade Commission, JD @ Yale Law School; “The Case for “Unfair Methods of Competition” Rulemaking,” *The University of Chicago Law Review* *87*(2), p. 357-380]

This set the scene for the creation of the Federal Trade Commission. Most notably, the authorizing statute declared “unfair methods of competition” in commerce unlawful. The committee report explained the reason for including such a broad term: The committee gave careful consideration to the question as to whether it would attempt to define the many and variable unfair practices which prevail in commerce and to forbid [them] or whether it would, by a general declaration condemning unfair practices, leave it to the commission to determine what practices were unfair. It concluded that the latter course would be the better, for the reason . . . that there were too many unfair practices to define, and after writing 20 of them into the law it would be quite possible to invent others.80 In other words, Congress would leave it up to the new Commission to define and identify practices that constituted “unfair methods of competition.” Indeed, the FTC would be especially suited to this task, given that Congress was designing the agency to gather and develop expertise in business practices and industry trends.81

These aspects of the FTC’s design reflect Congress’s intention for the new agency to alter the institutional structure of antitrust enforcement. By passing the Sherman Act, Congress had adopted a crime-tort model—which prohibited certain bad acts—rather than a corporate-regulatory model, which would have created a regulatory regime for policing the capital-concentrating effects of incorporation laws.82 By creating the Federal Trade Commission, Congress was adopting an expert-agency model alongside the crime-tort model. A key aim was for legislators to recover power to steer antitrust law back from the courts. As Senator Albert Cummins expressed, “I would rather take my chance with a commission at all times under the power of Congress, at all times under the eye of the people . . . than . . . upon the abstract propositions, even though they be full of importance, argued in the comparative seclusion of the courts.”83

In order to equip the FTC to fulfill this institutional mission, Congress endowed the Commission with the authority to “make rules and regulations for the purpose of carrying out the [FTC Act’s] provisions.”84 In the parlance of Chevron, this means “Congress delegated authority to the agency generally to make rules carrying the force of law,” and agency interpretations made pursuant to that authority fall within the domain of Chevron.85 In light of confusion around whether “unfair methods of competition” applied only to practices that harmed competitors, Congress in 1938 passed the Wheeler-Lea Amendment,86 adding the proscription against “unfair or deceptive acts or practices.”87 In 1973, the DC Circuit clarified that the FTC did, indeed, have the authority to promulgate substantive rules, not just procedural ones.88 The court observed that the “use of substantive rule-making is increasingly felt to yield significant benefits to those the agency regulates” and that “[i]ncreasingly, courts are recognizing that use of rule-making to make innovations in agency policy may actually be fairer to regulated parties than total reliance on case-by-case adjudication.”89

#### Agencies inexperienced with competition causes delay – stifles innovation.

Khan ’19 [Lina; Chairperson @ Federal Trade Commission, JD @ Yale Law School; “The Separations of Platforms and Commerce,” *Columbia Law Review* 119(4), p. 973-1098; AS]

Moreover, even disputes between well-heeled corporations can take years to resolve. For example, in 2011 Bloomberg filed a complaint with the FCC, alleging that Comcast was improperly grouping Bloomberg’s channel in an unfavorable cluster of channels.679 Since the FCC had conditioned Comcast’s acquisition of NBC on the basis of fair “neighborhooding” of independent news networks, Bloomberg claimed that Comcast was in violation of its commitments.680 Granted that this dispute was adjudicated outside the auspices of section 616 and the agency’s ALJ, the FCC took over two years to reach a final decision.681 Given the importance of timeliness in high-tech markets—where a slight delay can render a remedy obsolete—even a two-year process in digital markets will likely come at the expense of innovation.

## AT: States

### 2AC – AT: States CP

#### State enforcement over-deters and generates uncertainty – stifles innovation and competition.

Grosso ’21 [Jacob; JD Candidate @ University of Richmond School of Law; “The Preemption of Collective State Antitrust Enforcement in Telecommunications,” *University of Richmond Law Review* 55(2), p. 615-656; AS]

Preemption would address the effects of the growth of federal regulators in the telecommunications market, particularly CFIUS, as well as the resulting changes to the regulatory landscape. If the states act as another national regulator in telecommunications, then innovation, competition, and the ability of federal enforcers to pursue policy goals will be stifled. To solve this problem, collective state antitrust action should be preempted by federal law in the telecommunications market. States likely remain better plaintiffs than consumers in many situations and therefore should litigate on behalf of their citizens. This litigation should be conducted individually, with federal regulatory enforcement generally left to federal regulators.

States should not be prevented from enforcing antitrust law; instead, states should focus exclusively on violations of their own state laws and on protecting their citizens as individual enforcers, not as a collective body. Federal agencies are the proper regulators of national industries such as telecommunications, while state enforcement prevents federal nonenforcement policies which may benefit social welfare overall.253 With respect to policy goals, CFIUS's interventions in recent years showcase the federal government's focus on national security concerns in the telecommunications market. Agendas balancing broader policy goals-such as national security-with competition are only possible under a more centralized enforcement system and by specialized agencies.254

Specialized agencies are therefore the best regulators of the telecommunications market. 25 5 The requirement that "[a]ntitrust analysis must always be attuned to the particular structure and circumstances of the industry at issue" leads to efficiencies from the use of specialized enforcers. 256 The inelasticity of the market and the significant barriers to entry require oversight by specialized expert regulators to maintain a competitive environment, and interference from other government regulators will only impede the ability of the federal regulators to direct this market. Nonenforcement policies, used when the agencies determine doing so is in the best interests of competition, cannot be enforced without a monopoly on enforcement. 257

Placing control in the hands of more centralized regulators reduces uncertainty for competitors due to the inherent inconsistencies in court proceedings and allows for better market functioning. 258 The inability to pursue nonenforcement agendas and reduce litigation will cause unnecessary false positives. False positives can discourage competition and innovation. 25 9 Too many false positives will cause competitors to restrict their behavior drastically to comply with enforcers at the cost of innovative business practices.26 0 Overenforcement and the resulting false positives reduce competition, inviting harm to both the consumer and the aggregate social welfare.26 1 Reduction in states' ability to conduct collective antitrust litigation will naturally decrease the overall amount of litigation, which provides several benefits to competition and to regulators. These benefits include reduced compliance costs, legal fees, and the redistribution of resources. 26 2 Reduced costs will benefit administrative costs, particularly those resulting from the coordination of state agencies. The result is a leaner, specialized enforcement system; increased market freedom due to clear regulations; and the opportunity for regulators to balance broader policy goals with antitrust.

#### States cannot apply global antitrust remedies – they’re key to preventing the dependency trap cause by dominant platform’s conduct in developing countries

Funta ’18 [Rastislav; PhD, LLM, Associate Professor of European Union Law in Janko Jesenský Faculty of Law @ Danubius University; “Extraterritorial application of us-antitrust law on global cartels from comparative (EU LAW) perspective,” *The Lawyer Quarterly* 8(3); AS]

The first question seemed to be largely clarified. The text of the law is based on the socalled “effects test”, which is based on the decision of the Supreme Court in United States v. Aluminium Co. of America, 148 F.2d 416 (2d Cir. 1945) and subsequently confirmed by the Supreme Court in Hartford Fire Insurance Co. v. California, 509 U.S. 764, 113 S.Ct. 2891, 125 L.Ed.2d 612 (1993). The differences between the various Circuit Courts are focused on the second question: Is it the applicant’s claim in the concrete procedure which is the result of the domestic impact,17 or satisfies such a claim a potential18 or potential19 plaintiffs? The question referred to the Supreme Court has tended to be as whether the plaintiffs can assert claims under the Sherman Act to compensate for damages arising solely from transactions that took place outside the US market. The question focused on the applicability of the Sherman Act to foreign conduct. The Sherman Act is to be considered if such activities have an effect on the US market (effects test). Unlike European law, the US Sherman Act focuses more on foreclosure practices and attempts to market monopolization20 Described according to Senator John Sherman, Chairman of the US Senate Financial Committee, Sherman’s antitrust law of 1890, has to protect against commercial practices designed to restrict or eliminate competition in the market. Sherman’s law is divided into two sections.21 According to them, it is forbidden to monopolize trade, all mergers and collusion, which would restrict competition within trade. The Sherman Act was the first measure adopted by the US Congress to ban trusts (or monopolies of any kind). Although many US states have previously enacted similar laws, they were limited to domestic trade. On the other hand, Sherman’s law was based on Congress’s constitutional power to regulate interstate trade.

## AT: Politics

### 2AC – AT: Politics

#### Five bills thump the DA

Canales 6/11 (Katie Canales, reporter at Business Insider, 6-11-2021, "Congress unveils 5 bipartisan bills that mark its biggest step yet in regulating tech giants like Amazon, Google, Facebook, and Apple," Business Insider, <https://www.businessinsider.com/congress-big-tech-bills-facebook-google-apple-amazon-antitrust-2021-6//ES>).

House lawmakers on Friday unveiled five bills designed to rein in big tech companies and loosen their hold on digital industries. The legislation is specifically directed at Amazon, Google, Apple, and Facebook, which have all faced increased scrutiny over antitrust concerns in recent years. The bills have some bipartisan support and would equip regulators with more power to control tech firms from holding too much market dominance, their sponsors said. "Right now, unregulated tech monopolies have too much power over our economy," Rep. David Cicilline, the House's antitrust subcommittee chairman, said in a press release. "They are in a unique position to pick winners and losers, destroy small businesses, raise prices on consumers, and put folks out of work." Amazon, Apple, Facebook, and Google did not immediately respond to Insider's requests for comment. The five bills are described below: The "American Innovation and Choice Online Act" would prohibit companies from discriminating against smaller competitors and prioritizing their products ahead of others. The "Platform Competition and Opportunity Act" would empower regulators to block dominant companies from acquiring would-be competitors. The "Ending Platform Monopolies Act" would prohibit companies from stomping out smaller competitors and undermining fair and free online competition. The "Augmenting Compatibility and Competition by Enabling Service Switching (ACCESS) Act" would make it easier for new companies to enter the market by changing requirements that affect costs for businesses. The "Merger Filing Fee Modernization Act" would update filing fees for mergers "for the first time in two decades," according to the press release, so that regulators could better enforce antitrust laws. This new legislation would mark an important milestone in establishing regulations for the booming and historically unregulated tech industry. Congress has cracked down hard on Big Tech recently, particularly in 2019 and 2020, when it conducted a months-long investigation into the companies over online competition. Each company was being investigated for a different reason: Google for its dominance in online ads and search, Apple over its App Store policies, Amazon over its treatment of third-party sellers, and Facebook over its acquisitions of would-be competitors like Instagram, WhatsApp, and Giphy. The CEOs of the "Big Four" testified together for the first time before Congress in July as part of the investigation. House lawmakers released a report after their investigation that said the firms had turned into "the kinds of monopolies we last saw in the era of oil barons and railroad tycoons." The four companies are also facing antitrust lawsuits from state attorneys general and other government agencies. Amazon last month was slapped with a suit from Washington, DC, Attorney General Karl Racine, who accused the company of abusing its power by requiring its third-party sellers to agree not to offer their products for a lower price on other websites. And Ohio Attorney General Dave Yost filed a lawsuit against Google on Tuesday, accusing the company of prioritizing its products, like Google Flights, ahead of competitors like Orbitz or Travelocity.

#### Won’t pass- funding disputes, lack of unity

Elliott 9-16-21

(Philip, https://time.com/6098810/house-democrats-reconciliation/)

House Democrats yesterday finished penning a 2,600-page bill that finally outlines the specifics of their ambitious “soft” infrastructure plan that won’t attract a single Republican vote. But no one was really rushing to Schneider’s for bottles of bubbly. For a party ready to spend $3.5 trillion to fund its social policy agenda, there were plenty of glum faces on Capitol Hill. In fact, one key piece of the legislation—a deal that would finally let Medicare negotiate lower prices with drug companies—fell apart in the Energy and Commerce Committee when three Democrats voted against it. It found resurrection a short time later when Leadership aides literally plucked it from the Energy and Commerce team and delivered it to the Ways and Means Committee for its approval instead. Even there, though, one Democrat voted against it, saying the threat it posed to pharmaceutical companies’ profits would doom it in the Senate. “Every moment we spend debating provisions that will never become law is a moment wasted and will delay much-needed assistance to the American people,” Rep. Stephanie Murphy of Florida later argued. Put another way? Brace for some nasty politics over the next two weeks as House Speaker Nancy Pelosi tries to get this bill to a vote before the budget year ends on Sept. 30. And those 2,600 pages had better be recyclable. Democrats can only afford three defectors if they want to usher this bill into law, and they’re perilously close to failure. So far, five centrist Democrats in the House have said they prefer a scaled-back version of the Medicare component. But if Pelosi gives the five centrists that win, she risks losing the support of progressives who are already sour that things like a punitive wealth tax and the end to tax loopholes aren’t present in the current version of the bill. As it stands now, letting Medicare negotiate drug prices would save the government about $500 billion over the next decade. The scaled-back version doesn’t have an official cost, but a very similar version got its score in the Senate last year: roughly $100 billion in savings. Because Democrats are using a budgeting loophole to help them avoid a filibuster and pass this with bare majorities, that $400 billion gap matters a lot more than on most bills. Scaling back the Medicare savings means they would also have to scale back their overall spending on the bill—a big line in the sand for progressives who say they’ve already compromised too much. All of this, of course, comes as President Joe Biden and his top aides in the White House have been trying to get Senate centrists onboard. Just yesterday, he met separately with Sens. Kyrsten Sinema and Joe Manchin, fellow Democrats who have expressed worries about the $3.5 trillion price tag but have been vague about what exactly they want to cut back on. With the Senate evenly divided at 50-50, and Vice President Kamala Harris in position to break the ties to Democrats’ victories, any shenanigans from those two independent thinkers scrambles the whole package. Oh, and that other bipartisan infrastructure plan that carries $550 billion in new spending? It’s still sitting on the shelf in the House. Pelosi said she’d bring it to the floor only when the bigger—and entirely partisan—bill was ready. And there’s plenty of grumbling about that package, too. If this is all beginning to sound like a scratched record that keeps repeating, it’s because this has become something of a pattern here in Washington. Things look pretty grim for legislation in town these days, despite Democrats controlling the House, the Senate and the White House. Their margin for error is literally zero, and so hiccups from a half-dozen centrists can forewarn a doomed agenda.

#### Afghanistan thumps PC.

Kapur 8-22-21

(Sahil, https://www.nbcnews.com/politics/white-house/honeymoon-over-afghanistan-chaos-comes-critical-moment-biden-s-agenda-n1277338)

WASHINGTON — President Joe Biden’s honeymoon with congressional Democrats appeared to reach an abrupt halt last week when a number of his allies on Capitol Hill began pummeling his execution of the U.S. withdrawal from Afghanistan, promising investigations. It’s a precarious moment for Biden, who needs to save his political capital to pass his ambitious agenda with thin Democratic majorities. House leaders are battling dissent among moderate lawmakers skeptical of the dual-track strategy to approve a $550 billion infrastructure bill and a $3.5 trillion package to expand the social safety net and raise taxes on the wealthy. Some insiders see a new phase for relations between Biden and Democrats. “The relationship has certainly hit a rough spot,” said Jim Manley, who was an aide to former Senate Democratic leader Harry Reid of Nevada. “On a whole host of issues, he’s had a pretty good run since becoming president. Now I think the relationship is going to get a little trickier from here on out.” He said he was “surprised by the tough tone” that key Democratic committee chairs like Rep. Gregory Meeks of New York and Sen. Bob Menendez of New Jersey took on Afghanistan, adding that they appear determined to conduct “rigorous” oversight of Biden, their fellow Democrat. The larger political impact of the chaos in Afghanistan is unclear. Polls taken during the chaos found that Americans still prefer withdrawing over remaining. But the situation has enveloped the White House in a near-term crisis that may limit its persuasive powers over Democratic lawmakers. An NBC News poll released Sunday found that Biden's job approval rating is 49 percent, while 48 percent of U.S. adults disapprove. That is down from April, when Biden drew 53 percent approval and 39 percent disapproval.

#### Plan popular.

Lande & Vaheesan ’20 [Robert; Professor of Law @ University of Baltimore School of Law and Sandeep; Legal Director @ Open Markets Institute, JD @ Duke; “Preventing the Curse of Bigness Through Conglomerate Merger Legislation,” *Ariz. St. LJ* 52; AS]

B. Growing Political and Public Concern About Corporate Power

Public recognition of, and concern about, corporate political power is growing. An increasing number of politicians and public figures are focused on the political and social—as well as economic—power of large businesses. This concern is not limited to one portion of the political spectrum. A diverse set of voices and organizations are calling for tackling monopoly and oligopoly power in American society.

Prominent liberal and progressive voices have demanded action to curb the economic and political power of large corporations. Many Democrats have made strengthening anti-merger and anti-monopoly law a key pillar of their agenda.80 As mentioned in the introduction, Senator Amy Klobuchar introduced an anti-merger bill that would establish a presumption of illegality involving mergers that combined more than $5 billion in assets.81 This bill would target corporate size directly, although it features a large exemption for pure conglomerate mergers.82

Senator Bernie Sanders weighed in against the AT&T/Time Warner merger and identified the further agglomeration of power as a principal evil of the combination. 83 He stated this consolidation “represents a gross concentration of power that runs counter to the public good.”84 And in early October 2018, Sanders introduced a bill that would break up the largest financial institutions in the United States and establish a cap on size going forward.85 Senator Sanders also promised to combat the excesses of large firms in the agricultural sector, stating that they are devastating to the small farmer and are a direct cause of mass unemployment, lower wages, massive wealth inequality, and a host of social problems. 86 In his October 2019 Corporate Accountability and Democracy plan, presidential candidate Sanders condemned the present system in which “a small group of ultrawealthy CEOs are making the decisions that increasingly determine our economic, environmental and political future.”87

Senator Elizabeth Warren has offered extensive critiques of corporate power, citing undue political influence as one of the evils of corporate bigness.88 In a keynote address at a conference hosted by the Open Markets Institute in December 2017, Senator Warren warned that “[c]oncentrated market power also translates into concentrated political power—the kind of power that can capture our government. And that’s exactly what’s happening, as President Trump and the Republicans in Congress bow to the power and influence of these industrial giants and financial titans.”89 Warren promised that if elected president, she would break up Amazon, Facebook, and Google.90 She published a detailed plan to break up big tech companies, including the creation of a threshold of $25 billion in annual revenue, above which companies would be subject to restrictions and regulations including mandatory divestitures of certain portions of the company. 91 Facebook allegedly removed Warren’s political ads posted on Facebook that called for breaking up Facebook.92

Warren also called for breaking up some of the biggest farming corporations “so that they not only do not have that kind of economic power, so that they’re wiping out competition, so they’re taking all the profits for themselves . . . but also so that they don’t have that kind of political power.”93

These figures are not outliers but are representative of a growing antimonopoly philosophy among Democrats, liberals, and progressives. Others have echoed the concerns expressed by Senators Klobuchar, Sanders, and Warren. (Former) Representative (and current Minnesota Attorney General) Keith Ellison and sitting Representative Ro Khanna established an Antitrust Caucus and called for antitrust enforcers to look beyond just consumer welfare. 94 Alexandria Ocasio-Cortez, the Democratic representative for New York’s 14th Congressional district, has repeatedly voiced concerns about the political might of large financial institutions.95 Senator Cory Booker has lamented the “incredible concentration of economic and political power in this country” 96 and introduced a bill that would establish a moratorium on corporate mergers in agriculture. 97 Former Colorado governor and former presidential candidate John Hickenlooper has called for a major revival in antimonopoly enforcement.98

Indeed, many Democrats have criticized the political power of banks since at least the 2007–08 financial crisis. In early 2009, just six months after the collapse of Lehman Brothers and the start of the worst financial crisis in eighty years, Senator Richard Durbin famously observed that “the banks— hard to believe in a time when we’re facing a banking crisis that many of the banks created—are still the most powerful lobby on Capitol Hill. And they frankly own the place.”99

Among academics and commentators, Joseph Stiglitz and Paul Krugman have repeatedly sounded the alarm about the pervasive market power problem. Stiglitz has opined that “America has a monopoly problem—and it’s huge” and cited the political power of large corporations as subverting democracy. 100 Krugman has similarly recognized the corrosive political power of large corporations. 101 Former Secretary of Labor, Harvard professor, and political commentator Robert Reich applauded Elizabeth Warren’s announced intention to break up big tech and predicted that breaking them up would allow for more privacy, decentralization of information, and more innovation. 102 Barry Lynn, director of the Open Markets Institute think tank, has sounded the alarm that tech giants like Google and Facebook are a threat to core democratic institutions.103 Zephyr Teachout, a progressive law professor, promised that if elected Attorney General of New York she would explore breaking up Google and Facebook using New York state antitrust laws.104

Conservatives in the United States are generally supportive of, and deferential toward, big business interests. Conservative thinkers have indeed played a major role in weakening the antitrust laws and allowing consolidation and monopolization across the economy.105 In the name of “free markets,” conservative politicians and commentators typically favor policies that support large corporations and place few restrictions on them.106

Nonetheless, more and more conservative voices are starting to raise concerns about corporate power. At present, many of the attacks reflect anger at certain companies, more than corporate power in general. Much of the conservative criticism appears driven by the perceived politics of their executives and employees more than a distrust of large corporations and their power in general. For example, Google is viewed as supportive of the Democratic Party and some liberal causes and it has drawn significant criticism from the right. 107 Whatever the underlying motivation though, skepticism of large corporations, or at least a subset of them, is a growing strand of thought on the right.

At least on the surface, the Trump administration reflects this rising antimonopoly tendency among conservatives. President Trump has repeatedly attacked certain powerful corporations.108 He has criticized the power of Amazon and its founder and chief executive officer, Jeff Bezos. 109 He has also condemned vertical integration in telecommunications—specifically calling out the completed merger between Comcast and NBC Universal and the now-completed merger between AT&T and Time Warner—for threatening to “destroy democracy.”110 His former chief strategist and right-wing icon, Steve Bannon, called for public utility regulation of tech platforms like Facebook and Google.111 Former Attorney General Jeff Sessions called for remedying the perceived liberal bias of these same tech platforms.112

Others on the right have sounded similar fears about corporate power. Senator Ted Cruz, who has been a major recipient of campaign contributions from large corporations,113 has endorsed using the antitrust laws against the power of tech platforms. 114 Senator (and former Representative) Marsha Blackburn has criticized platforms like Google and YouTube for failing to practice viewpoint neutrality and called them out for apparent bias against individuals and organizations expressing conservative opinions. 115 Representative Jim Jordan (R-OH) expressed similar concerns and insinuated that stronger governmental measures should be applied to curb the power of giant social media companies.116 Senator Josh Hawley (R-MO) previously served as Missouri’s attorney general and, during his tenure, opened an antitrust investigation into Google.117

Some conservative media outlets have in recent years been vocal critics of corporate power. Breitbart, the hard-right news outlet formerly run by Steve Bannon, has championed antitrust enforcement against large corporations.118 The American Conservative, a nativist right outlet that supports economic populism, has become a consistent critic of corporate power and supporter of renewed antitrust enforcement.119 Tucker Carlson, a commentator on Fox News, has endorsed public checks on Facebook and Google.120

Conservative talk radio icon Rush Limbaugh described what he saw as a pernicious aspect to corporate ownership of media.121 He stated that large, non-media corporations or their CEOs, for example Jeff Bezos purchasing The Washington Post, acquire media to shape policy and thereby increase their power. 122 Even anti-government conspiracy theorist Alex Jones has called on the Trump administration to break up big technology companies because the supposedly left-leaning Silicon Valley titans are using their massive power to stifle conservative viewpoints.123

With rising awareness of, and opposition to, corporate power, an antimerger law that directly targeted corporate size could attract significant popular and political support. Senator Klobuchar’s bill has already introduced size-based limits on consolidation into the political debate.124 Many liberals and progressives appear ready to embrace this idea.125 On the right, support for such a possibility is much less certain.126 Yet, a growing tide of criticism from conservative figures suggests at least one faction on the right may be open to preventing corporate growth through extremely large mergers and acquisitions.127

#### Winners win – legislative blitz key to success

Waldman 20

(Paul, <https://www.washingtonpost.com/opinions/2020/12/02/joe-biden-has-move-fast/>, 12-2)

For every day of his presidency, Joe Biden will be restrained and bedeviled by Republican power. Republicans will probably retain control of the Senate, and even if they don’t, they will do everything they can to sabotage Biden’s agenda. They will obstruct and delay, whether it’s on legislation, appointments or anything else, to make sure Biden has as little as possible to show for his time in office. Unfortunately, Biden is naturally inclined to respond in just the way Republicans are counting on. He’s a compromiser, a dealmaker — a man who wants to believe that there are bipartisan solutions to be found. That’s not to say that Biden is naive about what he faces, just that he will always be vulnerable to some of the same mistakes that President Barack Obama made early in his tenure, mistakes that come from thinking Republicans just might be operating in good faith and with the proper persuasion they can be dealt with. But a realization of the full implications of our current polarization may just prove liberating for the new administration. There are at least some encouraging signs that Biden understands the situation; here’s a report from Politico on how his transition is thinking about personnel: Concerned about Republicans slow-walking confirmation hearings for Cabinet appointees and hollowed-out federal agencies, Biden and his aides are eager to place mid- to lower-level officials across the federal government, particularly in national security roles, to ensure his administration can begin to enact his agenda immediately, according to three people familiar with the situation. Slow-walking will absolutely be the Republican strategy, on both appointments and legislation. They won’t come out and say they’re going to stonewall every appointee and refuse to allow any legislation to pass; instead they’ll say that they just want to make sure Biden doesn’t stock his administration with radical leftists and propose far-out socialist laws. Send us the nominees and the bills, and we’ll consider them. It’ll just take some time. Weeks will then stretch into months, and the Biden agenda will languish. They’ve done it before — Obama himself describes how they endlessly dragged out negotiations on the Affordable Care Act by claiming they might support it — and they’ll do it again. That’s the Republican plan. The first step to getting around it is to understand that the public won’t blame gridlock on the ones who are causing it. They’ll just see a bunch of bickering in Washington with nothing getting done, and Biden will be the one who takes the blame. Once you realize that the public is neither aware of nor particularly concerned about process questions, you can stop worrying about whether Republicans will squawk at this appointment or that executive order — because they’ll squawk no matter what you do. If it’s a good idea and you think the results will be good, then just do it. As quickly and comprehensively as possible. As David Roberts of Vox observes: In 2009, Obama and his aides made the mistake of thinking that their major initiatives had to be rolled out one at a time in sequence, because he had a finite store of “political capital” that had to be spent carefully. But political capital is not something that exists apart from any particular issue; it isn’t a special sauce that has to be poured on a policy in order to make it palatable. And with the parties as polarized and unified as they are, political capital has become all but meaningless. There may have been a time when a popular president possessed so much capital that a senator from the opposition party would feel compelled to support him on part of that president’s agenda, but that time is long gone. There is no account Biden can draw on to turn Republican “no” votes into “yes.” So setting up a series of high-profile policy battles may be the opposite of what Biden should do. The unfortunate fact is that he may not have the opportunity to do much in the way of big legislation on health care or climate change or anything else, and if he has only executive power to work with, it makes it all the more urgent to move quickly. Which means getting staff in place immediately and then unleashing them. The Revolving Door Project argues that Biden should give as much authority as possible to the agencies to let them dismantle their particular corners of the Trump legacy on their own, because the task “simply will not happen if approached sequentially or micromanaged” by a White House staff with limited bandwidth. That means moving on every policy area all at once. There’s nothing to be gained by putting off any part of Biden’s agenda. Whatever he can do given the limits of his power, he should do as soon as possible, in a flood of policymaking. Even if Democrats win both Georgia races and control the Senate, Biden should acknowledge that he likely has two years until the 2022 midterm elections to pass whatever legislation he can. Not only will Democrats probably lose one or both houses in the inevitable backlash (as happens to most presidents in their first midterm), the only possible chance at forestalling that result is to get results, as many as possible, that he can show the voters. Republicans will complain that Biden is being partisan, uncompromising, taking a “my way or the highway” approach. It will be a strategy to convince everyone of the lie that Biden and Democrats might be able to find some way of winning them over, when in fact they’ll be implementing a strategy of total opposition. If Biden follows them on that fruitless quest, he’ll be running in circles while crucial time passes and nothing gets done. The only option for him is to decide not to care about Republican whining and do what he got elected to do with all haste. The alternative is failure.

#### No cyber impact.

Lewis ’20 [James Andrew; 8/17/20; senior vice president and director of the Strategic Technologies Program at the Center for Strategic and International Studies; "Dismissing Cyber Catastrophe," https://www.csis.org/analysis/dismissing-cyber-catastrophe]

More importantly, there are powerful strategic constraints on those who have the ability to launch catastrophe attacks. We have more than two decades of experience with the use of cyber techniques and operations for coercive and criminal purposes and have a clear understanding of motives, capabilities, and intentions. We can be guided by the methods of the Strategic Bombing Survey, which used interviews and observation (rather than hypotheses) to determine effect. These methods apply equally to cyberattacks. The conclusions we can draw from this are:

Nonstate actors and most states lack the capability to launch attacks that cause physical damage at any level, much less a catastrophe. There have been regular predictions every year for over a decade that nonstate actors will acquire these high-end cyber capabilities in two or three years in what has become a cycle of repetition. The monetary return is negligible, which dissuades the skilled cybercriminals (mostly Russian speaking) who might have the necessary skills. One mystery is why these groups have not been used as mercenaries, and this may reflect either a degree of control by the Russian state (if it has forbidden mercenary acts) or a degree of caution by criminals.

There is enough uncertainty among potential attackers about the United States’ ability to attribute that they are unwilling to risk massive retaliation in response to a catastrophic attack. (They are perfectly willing to take the risk of attribution for espionage and coercive cyber actions.)

No one has ever died from a cyberattack, and only a handful of these attacks have produced physical damage. A cyberattack is not a nuclear weapon, and it is intellectually lazy to equate them to nuclear weapons. Using a tactical nuclear weapon against an urban center would produce several hundred thousand casualties, while a strategic nuclear exchange would cause tens of millions of casualties and immense physical destruction. These are catastrophes that some hack cannot duplicate. The shadow of nuclear war distorts discussion of cyber warfare.

State use of cyber operations is consistent with their broad national strategies and interests. Their primary emphasis is on espionage and political coercion. The United States has opponents and is in conflict with them, but they have no interest in launching a catastrophic cyberattack since it would certainly produce an equally catastrophic retaliation.

Their goal is to stay below the “use-of-force” threshold and undertake damaging cyber actions against the United States, not start a war.

This has implications for the discussion of inadvertent escalation, something that has also never occurred. The concern over escalation deserves a longer discussion, as there are both technological and strategic constraints that shape and limit risk in cyber operations, and the absence of inadvertent escalation suggests a high degree of control for cyber capabilities by advanced states. Attackers, particularly among the United States’ major opponents for whom cyber is just one of the tools for confrontation, seek to avoid actions that could trigger escalation.

The United States has two opponents (China and Russia) who are capable of damaging cyberattacks. Russia has demonstrated its attack skills on the Ukrainian power grid, but neither Russia nor China would be well served by a similar attack on the United States. Iran is improving and may reach the point where it could use cyberattacks to cause major damage, but it would only do so when it has decided to engage in a major armed conflict with the United States. Iran might attack targets outside the United States and its allies with less risk and continues to experiment with cyberattacks against Israeli critical infrastructure. North Korea has not yet developed this kind of capability.

## AT: Japan

### 2AC – AT: Japan

#### Recent shifts in the Japanese position demonstrate they’re now okay with extraterritorial antitrust enforcement.

Martyniszyn ’17 [Marek; Lecturer in Law, Queen’s University Belfast; 2017; “Japanese Approaches to Extraterritoriality in Competition Law”; <https://doi.org/10.1017/S0020589317000161>; International and Comparative Law Quarterly, 66(3); accessed 9/18/21; TV]

Both the practical and symbolic turning point in the Japanese approach to extraterritoriality in competition law dates back to 1990, when a Study Group convened by the JFTC opined in favour of embracing the effects doctrine.59 The Study Group report was influential and it continues to be referred to by multilateral bodies. 60 It concluded that whenever foreign firms engage in activities such as exporting to Japan and the said activities are sufficient to constitute a violation of the Antimonopoly Act, then the Act applies.61 By recognizing exporting to Japan as a sufficient jurisdictional link the Group embraced a form of the effects doctrine,62 similar in scope to that by then recognized by the ECJ in the EU.63 At the same time it was acknowledged that, in its actual practice, the JFTC remained faithful to the principle of objective territoriality, which partly explained the procedural difficulties of serving notice on entities not based in Japan. The report recommended amending or interpreting the law so as to facilitate service of process in a more flexible manner.

The Group also offered a position on the issue of possible friction between States in relation to extraterritorial enforcement. It took the view that, prior to enforcement, the authorities should consider whether the conduct in question had caused a material effect in the Japanese market. Should the answer be positive, it should still be considered whether enforcement should not be abstained from ‘out of consideration for easing confrontations with the country involved’. 64 Hence, while recognizing a possibly broad extraterritorial application of domestic law, the Group recommended restraining enforcement in certain cases as a matter of comity, not on the basis of any legal obligation. Moreover, by underlining the necessity of a material effect in the Japanese market, it proposed an important qualification of the effects necessary to validate Japanese jurisdiction, in line with prevailing international practice.

The Nordion case, decided in 1998, is often considered to be the first instance of the JFTC’s reliance on the effects doctrine. The Canadian firm Nordion agreed to supply a particular product (a radioactive isotope used in medical procedures) to Japanese firms under the condition that they would not purchase it from any other sources. Nordion did not have any presence in Japan, but it sold goods to Japan and the agreement at stake was concluded in Japan. The JFTC ordered Nordion to stop its restrictive practices in the Japanese market.65 The JFTC did not clarify the jurisdictional basis it relied on. It might have indeed embraced the effects doctrine. However, the fact that the underlying agreement was concluded and executed in Japan may be seen as a sufficient, albeit not particularly strong, link allowing for reliance on the principle of objective territoriality. Nevertheless, the case demonstrates the new attitude of the JFTC and its willingness to reach beyond Japan’s borders in the enforcement of domestic competition rules.

B. Reform of merger review

From a transnational perspective, some important changes to Japanese merger review came into force in January 1999. Under the old regime review was limited in scope to transactions taking place ‘in Japan’. At least one of the parties to a proposed transaction must have been Japanese in order to trigger the applicability of the Antimonopoly Law. That is why the JFTC was unable to review, for example, the 1997 Boeing-McDonnell Douglas merger, despite a Japanese airline being a major purchaser of passenger planes produced by the parties and even though the Japanese market was to be significantly affected.66 The 1998 Amendment removed the territorial nexus, making it possible to review foreign transactions.67 The triggering factor is sales in Japan of a specified magnitude.

The new rules were applied for the first time in 1999 to the proposed merger between Exxon and Mobil, two US entities. Following the review, the JFTC cleared the transaction.68 Similarly, in 2005 the JFTC analysed the proposed acquisition of Guidant by Johnson & Johnson—another transaction involving two US firms. The JFTC cleared the transaction, satisfied with remedies imposed by foreign counterparts.69 Although in both cases the firms were foreign, they had subsidiaries in Japan. Hence these were not purely offshore transactions.

The first case in which the new merger regime was applied in a foreign-to-foreign context was the proposed transaction between BHP Billiton and Rio Tinto, in 2008. Neither of the firms had any presence in Japan, hence the JFTC must have relied on the effects doctrine when it considered reviewing the proposed deal. The investigation did not culminate in any decision as the deal was abandoned in anticipation of the negative outcome of the review.70 The firms attempted to merge again in 2010 and again they withdrew their notification after the JFTC informed them of its objections.71 The abandoned BHP Billiton/Rio Tinto merger provides a precedent that the Japanese merger review applies to all transactions which meet the prescribed thresholds, regardless of the firms’ actual presence in Japan.

C. Changes in the rules governing service of process

The changes to merger review necessitated adjustment of the rules governing service of process, which did not—at that time—allow for the delivery of documents to persons located overseas. In particular, Article 69(2) of the Antimonopoly Act incorporated, by reference, certain provisions of the Civil Procedure Code dealing with the service of process. However, the provisions dealing with service of process abroad were not included. This shortcoming had already been identified by the Study Group in 1990.72 However, it remained unaddressed until the 2002 Amendment of the Antimonopoly Law.

This important procedural issue significantly limited the JFTC’s enforcement capabilities. The agency was able to investigate conduct of a foreign entity only when the firm had Japanese agents who were authorised to receive service. That was the case, for example, in Nordion. 73 The only other possibility for opening proceedings would have been if a foreign entity voluntarily submitted itself to the JFTC’s jurisdiction. The lack of a duly authorised agent in Japan allowed foreign firms to avoid the JFTC’s scrutiny, as demonstrated by one of the early shipping conferences cases.74

The 2002 Amendment successfully rectified that deficiency. It made the provisions of the Code of Civil Procedure, dealing with service abroad, apply mutatis mutandis in the competition law context. Service of process can be now performed by Japanese consular staff abroad. Moreover, the JFTC can make service by publication.75 In the BHP Billiton and Rio Tinto merger review76 , service abroad was commissioned to the Japanese consul in Melbourne.77 BHP Billiton refused to accept service and the JFTC made it effective by publication.78

D. Pursuing international cartels

The JFTC began challenging international cartels at the turn of the new millennium. It tried to investigate the Graphite Electrode cartel (in 1999) and Vitamins cartel (in 2001). Both cartels included Japanese firms and both were successfully investigated in the US and in the EU. However the JFTC failed to pursue its challenge, reportedly for want of evidence.79 In effect, the JFTC only issued ‘warnings’; non-binding administrative guidance to the cartelists.80 In 2003 the JFTC investigated an international cartel of impact modifiers’ (plastic additives used in production of various plastic goods) producers. The investigation was closely coordinated—for the first time—with counterparts in the US, the EU and Canada. In this case the JFTC was successful. However it issued its Recommendation only to two Japanese members of the cartel.81

In 2008, for the first time, the JFTC investigated a cartel involving foreign firms that did not have any subsidiaries or agents in Japan. The Marine Hose case involved five firms, four foreign and one Japanese. Following the investigation, the JFTC issued cease and desist orders against several foreign entities. However, foreign firms which did not supply Japanese customers were not fined. The Antimonopoly Law provides that when calculating fines the JFTC should use as a benchmark ‘the amount of sales from the relevant goods or services’, without any further guidance.82 The JFTC defined the relevant market as the domestic market. Therefore, firms which did not generate any local turnover avoided penalties. As a result, , only the Japanese Bridgestone Corporation was fined.83

If there was any remaining doubt as to the Japanese stance on extraterritoriality in competition law, it was resolved by the JFTC’s Cathode ray tubes (CRT) decisions. In 2009 and 2010, the JFTC fined a number of foreign firms (including foreign subsidiaries of Japanese firms) involved in a cartel fixing prices of cathode ray tubes.84 Such products are a key input used in the production of televisions. The case involved no cartel conduct in Japan and no direct sales of cartel-affected inputs to Japan. Foreign subsidiaries of Japanese firm purchased the cartel-affected products from the cartelists outside Japan. These inputs were incorporated into final products in Southeast Asian countries by subsidiaries of Japanese firms. Subsequently, the majority of the final products (that is, TVs incorporating the cartel-affected inputs) were sold in various markets outside Japan.85 Cartelists themselves did not sell any final products in Japan. In fact, it is unclear—and the JFTC did not reveal—to what extent the final products were sold in Japan. The JFTC’s decisions were re-affirmed following a request to reconsider.86 It is worth noting that the JFTC served process by publication.87

The CRT case illustrates not only Japanese reliance on the effects doctrine, but also possibly one of the furthest-reaching extraterritorial assertions the international community has witnessed to date. The cartel-affected inputs were not sold in Japan. Some of the products incorporating the cartel-affected inputs were possibly (this matter is not clear) brought to and sold in Japan by foreign subsidiaries of Japanese firms. This particular context makes the JFTC’s extraterritorial assertion unique. No other competition authority has decided to take a similar step. The JFTC considered it legitimate to assert jurisdiction when the contracts for the supply of the cartel-affected products to Japanese subsidiaries outside Japan were negotiated directly between the foreign cartelists and Japanese parent companies. Such an approach significantly extends the reach of domestic laws. While it can be seen as a possibly inevitable step in the fight against transnational anticompetitive conduct,88 it constitutes a departure from the recognized jurisdictional principles and practice of other States. It may be difficult, if not impossible, to reconcile the position of the JFTC with the representations made by the Japanese METI before a US court in Motorola Mobility. In that case, in a similar context, the Japanese ministry protested against what it called an excessive extraterritorial assertion.89

#### No Indo-Pak war – new ceasefire and old checks on conflict.

Gupta ’21 [Shekar Gupta, an Indian journalist and author; Why distrust-but-verify is a prudent response to Pakistan Gen Bajwa's call to bury the past, 3-20-2021, https://theprint.in/national-interest/why-distrust-but-verify-is-a-prudent-response-to-pakistan-gen-bajwas-call-to-bury-the-past/625108/]

Militarily, diplomatically, politically or economically, achieving anything by force is out of the question. As former Army chief General V.P. Malik said in a conversation with me earlier this month on ThePrint’s ‘Off The Cuff’, it isn’t possible today to achieve any of our territorial objectives, PoK or Aksai Chin, by military force. Besides the capability question, any such adventure would immediately run into global disapproval and force a ceasefire earlier than you can advance a few miles. For clarity, these are my words, not his.

Where do we go from here then? And how did we get here in the first place?

Suddenly, one morning last month, we saw coordinated statements by the directors general of military operations (DGMOs) on both sides that they had solemnly agreed to once again abide by the 2003 agreement on maintaining peace on the Line of Control. What that means is a stop to those madcap, aimless spells of firing heavy ordnance at each other’s posts and villages. It achieved nothing, except take out some bhadaas (frustration).

Besides, it made great pictures and TV for commando comic channels on either side, which could then, with the help of angry grey moustaches, declare victory for their respective armies. But the armies know the truth. As do their governments. At some point, they knew they needed to move on.

Anybody who thinks that both DGMOs woke up one morning with the same thought of peacemaking has to be drinking something very potent, maybe gifted Maotai from the Chinese, and too much of it. Similarly, anybody who believes Gen. Bajwa’s speech came serendipitously has to be drinking on the next bar stool. Something has gone on between the two sides for several weeks, if not months, behind the scenes.

Strong words of caution have come from the rugged old intelligence/strategic/military establishment.

What does one more Pakistani general mean when he says bury the past and move on? It means India should bury the past and move on while Pakistan subverts us. For people who’ve dedicated their lives to fighting the same adversary, this sentiment is easy to appreciate.

But then, as we argued earlier, it isn’t possible in 2021 for one nation to pulverise another to achieve anything. Especially when we live in a neighbourhood with strong, competing nationalism and robust, nuclear-armed militaries. Nobody is ever going to be like Armenia to Azerbaijan or Ukraine to Russia here. We need to think creatively.

In negotiations to end the Cold War, Ronald Reagan had famously used a line with Mikhail Gorbachev: ‘Trust, but verify’. While dealing with Pakistan, we could turn it inside out: ‘Distrust, but verify’. What that means is, while you view every new move coming from Rawalpindi (my preferring this over Islamabad is deliberate) with the highest degree of suspicion, you check it out nevertheless.

That’s why, while we hold our deep scepticism close to our hearts, we apply our minds to read between the general’s lines, spoken as these were in the most delightful, pucca Punjabi pronunciation familiar on both sides of the border.

Two things stand out in that written speech. One, a commitment of non-interference in the internal affairs of any country in the neighbourhood or the region. You might say it’s a mere platitude. But be cautious and verify. Nobody’s in a rush to invite the Pakistani Northern Areas commander to a game of golf in Srinagar’s Badami Bagh cantonment.

Second, he did not leave out the mention of Kashmir. But there was a nuance. He said progress in relations of course depends on India creating a ‘conducive environment’ on its side of Kashmir. The customary mention would’ve reminded India of the need to restore the pre-5 August 2019 status to Jammu and Kashmir forthwith, and prepare for self-determination as laid down in the UN Security Council Resolutions, blah blah blah.

Does it mean the Pakistani Army has given up its insistence on the restoration of the pre-5 August 2019 status quo ante? Don’t jump to that conclusion. But check it out. Because, if we think we are caught in this awful two-front situation, the picture only looks worse from where Bajwa sits.

He sees a domineering India to the east, an unravelling Afghanistan and a complex Iran to the west, an overbearing China to the north and a US which is no longer an ally. We are at that juncture of history where US and India are allies and their embrace is getting tighter in the Quad. Like all the most important members of the Pakistani elite, Bajwa has to make a call.

Either make peace with India, or continue fighting it and become a military protectorate and economic colony of China.

Remember, that all of the Pakistani elite have their children, money and assets in the West. If they weren’t driven by such hatred of India, they would see little in common with China. Further, this comes at a time when the Gulf countries are alienated from Pakistan and are recalling their loans. Peace with India is a way ahead.

Within India, we have to admit that the Modi government is much too successful in keeping its mind to itself. Anybody except a few in the government, who claims to have an insight into its thinking, is lying. But, we have enough evidence by now to know that this is not a dispensation that looks forward to any conflict.

In seven years, and across eight budgets, the allocation for defence has remained the same or marginally declined. They are not preparing for war. Similarly, Pathankot, Uri, Pulwama, Galwan all tell us they are also not about to be knee-jerked into a conflict.

Let’s conclude this with a view that will provoke, even trigger (since that’s the word millennials prefer), many. The Modi government can build on a no-war policy because it is strong enough to do so. A weaker government would’ve been under much greater pressure in east Ladakh, and earlier with Pakistan, to do something more adventurous. Many taunted Modi for not going to war with China, unlike Nehru who “at least fought, even if he lost”. Nehru’s was a much weaker government in 1962 than Modi’s now. He had no choice but to go down fighting, Modi is too strong to fall in that trap. He would prefer peace, not war.

### 2AC – Harmonization

#### Plan harmonizes US law with the EU – key to free trade.

Heinemann & Choi ’20 [Andreas; Associate Professor of Law in Graduate School of International and Area Studies @ Hankuk University of Foreign Studies; and Yo Sop; Professor in Law @ University of Zurich; “Competition and Trade: The Rise of Competition Law in Trade Agreements and Its Implications for the World Trading System,” *World Competition* 43(4), p. 521-542; AS]

2.2 CONVERGENCE OF SUBSTANTIVE COMPETITION RULES: BASIC PRINCIPLES

Most countries’ competition regimes contain three substantive sets of rules, including the prohibition of anti-competitive agreements, the abuse of a dominant position or monopolization,48 and the control of mergers with respect to their effects on competition. The analogous architecture of substantive provisions in the field of competition law demonstrates impressive convergence on a worldwide level, distinctive from a comparative perspective.49 However, there are many variations regarding details. With respect to anti-competitive agreements, many competition regimes treat hardcore restrictions, such as agreements regarding price-fixing, output restrictions, market sharing, and bidrigging, as per se or quasi-per se illegal, thus demonstrating their common philosophy of zero tolerance for hardcore cartels. Nonetheless, there are diverging views on the issue of tacit collusion. In some competition regimes, such as that of the EU, the sharing of critical information, such as individual and future prices or output, between competing undertakings is deemed to constitute illegal concerted practices. By contrast, this view has not been accepted by other jurisdictions, despite their adoption of provisions prohibiting concerted practices.50

With regard to provisions prohibiting the abuse of a dominant position or monopolization, the divergence among competition regimes is even more notable.51 Regarding dominance, some competition regimes have adopted the concept of collective dominance, which originates in European competition law. By contrast, some competition regimes, despite their considerable willingness to adopt EU concepts, have not accepted the concept of collective dominance.52

Regarding abuse, there are differences with respect to the fundamental distinction between exploitative and exclusionary abuse: exploitative abuse refers to conduct with respect to the other market side (suppliers or customers), for example excessive pricing, whereas exclusionary abuse addresses business conduct that obstructs or eliminates competing firms. In particular, US antitrust law does not cover exploitative abuse, as the US regime assumes that excessive pricing or high prices induce more competition in the market, whereas the competition regimes of the EU and other jurisdictions that have accepted the European approach prohibit exploitative abuse because this type of conduct leads to results that do not correspond to competitive conditions. Moreover, the unilateral conduct rules of the various competition regimes have different aims. Whereas in the US they are essentially aimed at consumer welfare and efficiency, other jurisdictions have adopted the idea of competitive fairness.53 In particular, the concept of fairness recently influences the development of a competition rule of abuses of a superior position in the digital economy.

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Therefore, in jurisdictions other than the US, the term anti-competitiveness often embraces the broad concept of unfairness.54

With respect to merger control, there is considerable diversity regarding the conditions of notification. Many jurisdictions provide for an obligation to notify linked to certain thresholds (often but not always based on turnover); in other jurisdictions notification is provided on a voluntary basis. Regarding the substantive appraisal test, the US merger control regime uses the ‘substantial lessening of competition’ (SLC) test, while the EU regime has adopted the ‘significant impediment to effective competition’ (SIEC) test. Although the terminology in the two tests differs, varying outcomes in practice owe less to different concepts than to the appreciation of facts in the single case.

In conclusion, there is a lot of convergence in the areas of anti-competitive agreements and merger control, whereas the rules on unilateral conduct (abuse of a dominant position or monopolization) are characterized by considerable divergence. One of the major reasons for this observation is the fact that rules on unilateral conduct are frequently influenced by the fundamental objectives of competition law. In many developing countries, various socio-political goals, such as fair competition, seem important.55 A current task of developing countries’ competition regimes is therefore to harmonize these general objectives and blend them with the goal of economic efficiency, while the US antitrust regime seems to focus more on improving the concept of efficiency.

With respect to free trade agreements, it is important to note that countries must make efforts for the convergence of their substantive competition rules in order to pave the way for common competition chapters in their FTAs. This is only possible if countries study the competition law of their trading partners. In the absence of knowledge about others’ domestic economic policies, it is impossible to achieve successful cooperation.56

#### Trade solves great power war constraints on great power conflict.

Drezner ’16 [Daniel; May 2016; Nonresident Senior Fellow @ Brookings Institution, Professor of International Politics in the Fletcher School of Law and Diplomacy @ Tufts University; “Five Known Unknowns about the Next Generation Global Political Economy”; https://www.brookings.edu/wp-content/uploads/2016/07/IOS-Drezner-web-1.pdf]

3. Will geopolitical rivalries or technological innovation alter the patterns of economic interdependence?

Multiple scholars have observed a secular decline in interstate violence in recent decades.105 The Kantian triad of more democracies, stronger multilateral institutions, and greater levels of cross-border trade is well known. In recent years, international relations theorists have stressed that commercial interdependence is a bigger driver of this phenomenon than previously thought.106 The liberal logic is straightforward. The benefits of cross-border exchange and economic interdependence act as a powerful brake on the utility of violence

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in international politics. The global supply chain and “just in time” delivery systems have further imbricated national economies into the international system. This creates incentives for governments to preserve an open economy even during times of crisis. The more that a country’s economy was enmeshed in the global supply chain, for example, the less likely it was to raise tariffs after the 2008 financial crisis.107 Similarly, global financiers are strongly interested in minimizing political risk; historically, the financial sector has staunchly opposed initiating the use of force in world politics.108 Even militarily powerful actors must be wary of alienating global capital.

Globalization therefore creates powerful pressures on governments not to close off their economies through protectionism or military aggression. Interdependence can also tamp down conflicts that would otherwise be likely to break out during a great power transition. Of the 15 times a rising power has emerged to challenge a ruling power between 1500 and 2000, war broke out 11 times.109 Despite these odds, China’s recent rise to great power status has elevated tensions without leading to anything approaching war. It could be argued that the Sino-American economic relationship is so deep that it has tamped down the great power conflict that would otherwise have been in full bloom over the past two decades. Instead, both China and the United States have taken pains to talk about the need for a new kind of great power relationship. Interdependence can help to reduce the likelihood of an extreme event—such as a great power war—from taking place.

Will this be true for the next generation economy as well? The two other legs of the Kantian triad—democratization and multilateralism—are facing their own problems in the wake of the 2008 financial crisis.110 Economic openness survived the negative shock of the 2008 financial crisis, which suggests that the logic of commercial liberalism will continue to hold with equal force going forward. But some international relations scholars doubt the power of globalization’s pacifying effects, arguing that interdependence is not a powerful constraint.111 Other analysts go further, arguing that globalization exacerbates financial volatility—which in turn can lead to political instability and violence.112

A different counterargument is that the continued growth of interdependence will stall out. Since 2008, for example, the growth in global trade flows has been muted, and global capital flows are still considerably smaller than they were in the pre-crisis era. In trade, this reflects a pre-crisis trend. Between 1950 and 2000, trade grew, on average, more than twice as fast as global economic output. In the 2000s, however, trade only grew about 30 percent more than output.113 In 2012 and 2013, trade grew less than economic output. The McKinsey Global Institute estimates that global flows as a percentage of output have fallen from 53 percent in 2007 to 39 percent in 2014.114 While the stock of interdependence remains high, the flow has slowed to a trickle. The Financial Times has suggested that the global economy has hit “peak trade.”115

If economic growth continues to outstrip trade, then the level of interdependence will slowly decline, thereby weakening the liberal constraint on great power conflicts. And there are several reasons to posit why interdependence might stall out. One possibility is due to innovations reducing the need for traded goods. For example, in the last decade, higher energy prices in the United States triggered investments into conservation, alternative forms of energy, and unconventional sources of hydrocarbons. All of these steps reduced the U.S. demand for imported energy. A future in which compact fusion engines are developed would further reduce the need for imported energy even more.116

A more radical possibility is the development of technologies that reduce the need for physical trade across borders. Digital manufacturing will cause the relocation of production facilities closer to end-user markets, shortening the global supply chain.117 An even more radical discontinuity would come from the wholesale diffusion of 3-D printing. The ability of a single printer to produce multiple component parts of a larger manufactured good eliminates the need for a global supply chain. As Richard Baldwin notes, “Supply chain unbundling is driven by a fundamental trade-off between the gains from specialization and the costs of dispersal. This would be seriously undermined by radical advances in the direction of mass customization and 3D printing by sophisticated machines...To put it sharply, transmission of data would substitute for transportation of goods.”118 As 3-D printing technology improves, the need for large economies to import anything other than raw materials concomitantly declines.119

Geopolitical ambitions could reduce economic interdependence even further.120 Russia and China have territorial and quasi-territorial ambitions beyond their recognized borders, and the United States has attempted to counter what it sees as revisionist behavior by both countries. In a low-growth world, it is possible that leaders of either country would choose to prioritize their nationalist ambitions over economic growth. More generally, it could be that the expectation of future gains from interdependence—rather than existing levels of interdependence—constrains great power bellicosity.121 If great powers expect that the future benefits of international trade and investment will wane, then commercial constraints on revisionist behavior will lessen. All else equal, this increases the likelihood of great power conflict going forward.

# 1AR

## Cap

## AT: Cap

### XT – Transition Fails

#### No political backing — they’re cherrypicking examples — neither the masses nor upper class will accept limitations on their lifestyles.

Buch-Hansen, PhD, 18 (Hubert, Professor of Business @Copenhagen School of Business, “The Prerequisites for a Degrowth Paradigm Shift: Insights from Critical Political Economy,” *Ecological Economics*, Vol. 146

Still, the degrowth project is nowhere near enjoying the degree and type of support it needs if its policies are to be implemented through democratic processes. The number of political parties, labour unions, business associations and international organisations that have so far embraced degrowth is modest to say the least. Economic and political elites, including social democratic parties and most of the trade union movement, are united in the belief that economic growth is necessary and desirable. This consensus finds support in the prevailing type of economic theory and underpins the main contenders in the neoliberal project, such as centre-left and nationalist projects. In spite of the world's multidimensional crisis, a pro-growth discourse in other words continues to be hegemonic: it is widely considered a matter of common sense that continued economic growth is required.

It is also noteworthy that economic and political elites, to a large extent, continue to support the neoliberal project, even in the face of its evident shortcomings. Indeed, the 2008 financial crisis did not result in the weakening of transnational financial capital that could have paved the way for a paradigm shift. Instead of coming to an end, neoliberal capitalism has arguably entered a more authoritarian phase (Bruff, 2014). The main reason the power of the pre-crisis coalition remains intact is that governments stepped in and saved the dominant fraction by means of massive bailouts. It is a foregone conclusion that this fraction and the wider coalition behind the neoliberal paradigm (transnational industrial capital, the middle classes and segments of organized labour) will consider the degrowth paradigm unattractive and that such social forces will vehemently oppose the implementation of degrowth policies (see also Rees, 2014: 97).

While degrowth advocates envision a future in which market forces play a less prominent role than they do today, degrowth is not an anti-market project. As such, it can attract support from certain types of market actors. In particular, it is worth noting that social enterprises, such as cooperatives (Restakis, 2010), play a major role in the degrowth vision. Such enterprises are defined by being ‘organisations involved at least to some extent in the market, with a clear social, cultural and/or environmental purpose, rooted in and serving primarily the local community and ideally having a local and/or democratic ownership structure’ (Johanisova et al., 2013: 11). Social enterprises currently exist at the margins of a system, in which the dominant type of business entity is profit-oriented, shareholder-owned corporations. The further dissemination of social enterprises, which is crucial to the transitions to degrowth societies, is---in many cases---blocked or delayed as a result of the centrifugal forces of global competition (Wigger and Buch-Hansen, 2013). Overall, social enterprises thus (still) constitute a social force with modest power.

Ougaard (2016: 467) notes that one of the major dividing lines in the contemporary transnational capitalist class is between capitalists who have a material interest in the carbon-based economy and capitalists who have a material interest in decarbonisation. The latter group, for instance, includes manufacturers of equipment for the production of renewable energy (ibid.: 467). As mentioned above, degrowth advocates have singled out renewable energy as one of the sectors that needs to grow in the future. As such, it seems likely that the owners of national and transnational companies operating in this sector would be more positively inclined towards the degrowth project than would capitalists with a stake in the carbon-based economy. Still, the prospect of the “green sector” emerging as a driving force behind degrowth currently appears meagre. Being under the control of transnational capital (Harris, 2010), such companies generally embrace the “green growth” discourse, which ‘is deeply embedded in neoliberal capitalism’ and indeed serves to adjust this form of capitalism ‘to crises arising from contradictions within itself’ (Wanner, 2015: 23).

In addition to support from the social forces engendered by the production process, a political project ‘also needs the political ability to mobilize majorities in parliamentary democracies, and a sufficient measure of at least passive consent’ (van Apeldoorn and Overbeek, 2012: 5–6) if it is to become hegemonic. As mentioned, degrowth enjoys little support in parliaments, and certainly the pro-growth discourse is hegemonic among parties in government.5 With capital accumulation being the most important driving force in capitalist societies, political decision-makers are generally eager to create conditions conducive to production and the accumulation of capital (Lindblom, 1977: 172). Capitalist states and international organisations are thus “programmed” to facilitate capital accumulation, and do as such constitute a strategically selective terrain that works to the disadvantage of the degrowth project.

The main advocates of the degrowth project are grassroots, small fractions of left-wing parties and labour unions as well as academics and other citizens who are concerned about social injustice and the environmentally unsustainable nature of societies in the rich parts of the world. The project is thus ideationally driven in the sense that support for it is not so much rooted in the material circumstances or short-term self-interests of specific groups or classes as it is rooted in the conviction that degrowth is necessary if current and future generations across the globe are to be able to lead a good life. While there is no shortage of enthusiasts and creative ideas in the degrowth movement, it has only modest resources compared to other political projects. To put it bluntly, the advocates of degrowth do not possess instruments that enable them to force political decision-makers to listen to---let alone comply with---their views. As such, they are in a weaker position than the labour union movement was in its heyday, and they are in a far weaker position than the owners and managers of large corporations are today (on the structural power of transnational corporations, see Gill and Law, 1989).

6. Consent

It is also safe to say that degrowth enjoys no “passive consent” from the majority of the population. For the time being, degrowth remains unknown to most people. Yet, if it were to become generally known, most people would probably not find the vision of a smaller economic system appealing. This is not just a matter of degrowth being ‘a missile word that backfires’ because it triggers negative feelings in people when they first hear it (Drews and Antal, 2016). It is also a matter of the actual content of the degrowth project.

Two issues in particular should be mentioned in this context. First, for many, the anti-capitalist sentiments embodied in the degrowth project will inevitably be a difficult pill to swallow. Today, the vast majority of people find it almost impossible to conceive of a world without capitalism. There is a ‘widespread sense that not only is capitalism the only viable political and economic system, but also that it is now impossible to even imagine a coherent alternative to it’ (Fisher, 2009: 2). As Jameson (2003) famously observed, it is, in a sense, easier to imagine the end of the world than it is to imagine the end of capitalism. However, not only is degrowth---like other anti-capitalist projects---up against the challenge that most people consider capitalism the only system that can function; it is also up against the additional challenge that it speaks against economic growth in a world where the desirability of growth is considered common sense.

Second, degrowth is incompatible with the lifestyles to which many of us who live in rich countries have become accustomed. Economic growth in the Western world is, to no small extent, premised on the existence of consumer societies and an associated consumer culture most of us find it difficult to completely escape. In this culture, social status, happiness, well-being and identity are linked to consumption (Jackson, 2009). Indeed, it is widely considered a natural right to lead an environmentally unsustainable lifestyle---a lifestyle that includes car ownership, air travel, spacious accommodations, fashionable clothing, an omnivorous diet and all sorts of electronic gadgets. This Western norm of consumption has increasingly been exported to other parts of the world, the result being that never before have so many people taken part in consumption patterns that used to be reserved for elites (Koch, 2012). If degrowth were to be institutionalised, many citizens in the rich countries would have to adapt to a materially lower standard of living. That is, while the basic needs of the global population can be met in a non-growing economy, not all wants and preferences can be fulfilled (Koch et al., 2017). Undoubtedly, many people in the rich countries would experience various limitations on their consumption opportunities as a violent encroachment on their personal freedom. Indeed, whereas many recognize that contemporary consumer societies are environmentally unsustainable, fewer are prepared to actually change their own lifestyles to reverse/address this.

At present, then, the degrowth project is in its “deconstructive phase”, i.e., the phase in which its advocates are able to present a powerful critique of the prevailing neoliberal project and point to alternative solutions to crisis. At this stage, not enough support has been mobilised behind the degrowth project for it to be elevated to the phases of “construction” and “consolidation”. It is conceivable that at some point, enough people will become sufficiently discontent with the existing economic system and push for something radically different. Reasons for doing so could be the failure of the system to satisfy human needs and/or its inability to resolve the multidimensional crisis confronting humanity. Yet, various material and ideational path-dependencies currently stand in the way of such a development, particularly in countries with large middle-classes. Even if it were to happen that the majority wanted a break with the current system, it is far from given that a system based on the ideas of degrowth is what they would demand.

### XT – AT: Red Innovation

#### Competition key to innovation.

Hemphill & Wu ’20 [C. Scott; Moses H. Grossman Professor of Law @ New York University School of Law; and Tim; Julius Silver Professor of Law, Science and Technology @ Columbia Law School; “Nascent Competitors,” *University of Pennsylvania Law Review* 168(7), p. 1879-1910; AS]

Innovation. First, a nascent competitor is an innovator. Innovation can take the form of technical progress or new business models that better serve consumer needs. Protecting the fruits of innovation is important because new products and services drive economic growth. Such competition is valuable both because the entrant's product may represent a real advance and because the entrant increases the pressure on the incumbent to innovate in anticipation or response. 29 Competition also opens the door to further entry in this and other businesses. Finally, and perhaps most obviously, competition can benefit **consumers** by lowering the price paid for these innovations.

Over the last century and a half, small, innovative firms have played a particularly important role in the process of innovation and competition. This is not to discount the important history of innovation at big firms with large research laboratories, such as Bell Labs, Xerox PARC, and research labs at General Electric and Merck.30 However, over the same period, a significant number of disruptive innovations-those that transform industry-have come out of very small firms with new technologies unproven at the time: examples include the Bell Telephone Company, RCA, MCI, Genentech, Apple, Netscape, and dozens of others.31

There is a particular competitive significance of the big innovations at the smaller firms, for they also represent competitive entry, and sometimes completely transform the industry.32 New, unproven innovators are a key source of disruptive innovation.33 Consider that Bell's telephone did not improve the telegraph, but replaced it, or the impact of Apple's personal computer on the computing industry. As this suggests, nascent competitors can hold the promise of offering fresh competition for the market, not just in the market. They have the capacity to displace an incumbent through a paradigm shift-for example, a new platform for developing software or decoding a genome. Nascent competition tends to be important in industries marked by rapid innovation and technological change. Software, pharmaceuticals, mobile telephony, e-commerce, search, and social network services are leading examples.

of stronger antitrust policy next.

### XT – War

#### Rigorous game theoretical research proves trade decreases conflict incentive and buildup

Chang and Wu 20 – Yang-Ming Chang is a Professor of Economics at KSU. Shih-Jye Wu Department of Political Economy, National Sun Yat-Sen University (Insecure Resources, Bilateral Trade, and Endogenous Predation: A Game-Theoretic Analysis of Conflict and Trade, Southern Economic Journal 2020, 86(4), 1338–1371 <https://onlinelibrary.wiley.com/doi/pdf/10.1002/soej.12430)//gcd>

Thus, under resource security asymmetry that σA > σB, the derivative in Equation 30.b is strictly positive. This positive sign implies that the marginal welfare of arming (∂SWA/∂GA) decreases as trade costs are lower. To raise welfare when there is greater trade openness (resulting from lower trade costs), country A is better off by reducing its arming. It is instructive to use the three marginal effects of arming, as shown in Equation 30.a, to explain the positivity of the derivative in Equation 30.b. When trade costs are lower, country A’s arming affects its national welfare, ∂SWA/∂GA in three separate ways. (i) The negative sign for the first term on the RHS of Equation 30.a indicates that lowering trade costs will make the export revenue effect of arming stronger. That is, country A has a stronger incentive to increase arming because the terms-of-trade improvement causes export revenue to go up. (ii) The positive sign for the second term on the RHS of Equation 30.a indicates that lowering trade costs will make the resource-predation effect of arming weaker. That is, country A’s arming incentive (to appropriate input B for producing good Y) declines.21 (iii) The positive sign for the third term on the RHS of Equation 30.a indicates that lowering trade costs will make the output-distortion effect of arming stronger, discouraging arming by country A. Simultaneously taking into account these three effects, we have from Equation 30.b that the marginal welfare of arming ∂SWA/∂GA decreases as t decreases. This implies that, as trade costs are lower, the output-distortion effect (which measures the MC of arming) is strong enough to dominate the sum of the export-revenue effect and the resource-predation effect (which measures the MR of arming). Namely, greater trade openness (by lowering trade costs) will make the MC of arming to be higher than its MR. In response, country A finds it better off to reduce arming, other things being equal (i.e., given the arming level by its rival). We illustrate this result in Figure 7, where A’s decrease in arming is shown by a leftward shift in its reaction curve from RFAsym A to RFAsym A 0 .

### XT – Solves Enviro

#### Absent profit driven innovation, dedev is unable to sufficiently reduce ecological footprint – flips their impact calculus and means growth is a prerequisite to solvency

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4.1. Comparison of UBI level footprints to carbon budgets The UBI carbon footprint determined in this study, 4.8 tCO2-eq per capita, is notably smaller than the average carbon footprints for Finnish households in the comparison groups. Yet, they are still around three times as high as the long-term sustainable level suggested by O’Neill et al. (2018), but close to the global average. If the current global CO2 emissions (Le Qu´er´e et al., 2018) were shared equally among all the people, everyone would have approximately a carbon budget of 5.6 tCO2 in 2017 following the IPCC (2018) 1.5-degree mitigation pathway. This number is quite close to the carbon footprint value estimated in this study for the UBI consumption level. However, this study only included the personal consumption component of carbon footprint excluding capital goods and governmental consumption, which have been shown to be significant globally and for European countries (e.g. Ivanova et al., 2016; Sodersten ¨ et al., 2018; Heinonen et al., 2020). In a recent study on Finland, Ottelin et al. (2018a) estimated that the final demand of households causes 77 % of the carbon footprint of total final demand in Finland. If the government consumption (14 %) and investments (5%), and the final demand of non-profit institutions (4%) are added to the UBI carbon footprint estimated in this study by following Ottelin et al. (2018a), the average carbon footprint at the UBI level would be 6.2 tCO2-eq per capita. However, Ottelin et al. show how the share of these emissions is larger in low-income than in high-income households. Thus, the UBI households probably use public services more than an average household, so the total average carbon footprint is likely to be more than 6.2 tCO2-eq., and thus higher than the global 1.5-degree mitigation pathway level. Moreover, to stay on the pathway, the emissions would need to be cut by approximately 10 % annually in addition to first reaching the current pathway level. Similarly, previous studies on the interaction between environmental and social Sustainable Development Goals (SDGs) have shown that bringing the global population to a moderate expenditure level (still lower than the UBI level in this study), would lead to difficulties in achieving the climate targets unless additional mitigation measures are taken (Hubacek et al., 2017; Scherer et al., 2018). 4.2. Implications for downscaling consumption and degrowth As shown above, even the carbon footprints determined at the UBI level excluding earned incomes are quite high considering the remaining global carbon budget. This is partly because low-income households don’t have similar possibilities to make sustainable choices as higher income households. For example, the energy consumption per square meter was around 30 % lower in the highest income deciles compared to the lowest income decile in 2012 according to the HBS and the applied carbon footprint model. In vehicle efficiency there wasn’t much difference though, since low-income households had older but smaller cars. In order to reach the climate targets, low-carbon housing, food, and mobility should be available and affordable to everyone. Considering middle- and high-income consumers who wish to reach their “fair share” of the global carbon budgets, they need additional mitigation solutions alongside downscaling consumption, given the current average GHG intensity (kg/€) of the economy. Ivanova et al. (2020) list in their recent review article renewable energy, sustainable diets, and shifting to public transport or electric vehicles as some of the most efficient sustainable consumption choices. Increased recycling and recovery of carbon (Shigetomi et al., 2019), and wooden construction (particularly in Nordic countries) (Amiri et al., 2020), could have significant impacts as well. In practice, downscaling of consumption is usually linked to worktime reduction or work-sharing, which have been emphasized as important elements of degrowth (Schneider et al., 2010; Buhl and Acosta, 2016) and sustainable economies in general (Schor, 2005; Pullinger, 2014; Zwickl et al., 2016). Significant changes to the division between work- and leisure time could also have implications for expenditure shares (Buhl and Acosta, 2016), which we could not take into account in this study. However, among the studied low-income Finnish households, consumption behaviour is very similar between working and unemployed adult households. Among families with children, at least one of the parents is working in most cases. In general, it seems that as low-income households as studied here have very little latitude to make consumption choices, since housing and food take the majority of their income. As discussed above, middle- and high-income households need additional (technological) solutions to reach sustainable carbon footprints. At the societal level, the reduction of the overall GHG intensity of the economy calls for innovation, which is typically driven by economic activity and profit seeking. This is a serious challenge for the degrowth concept. Tackling climate change and other environmental problems in a society where there is less money to share to different purposes is troublesome (Bailey, 2015). It raises a question on how the needed green investments would be financed. New technologies including renewable energy solutions and negative emission technologies, such as carbon capture and storage, are necessary in order to keep within the 1.5-degree pathway (van Vuuren et al., 2018). Yet, technological development (increasing efficiency in particular) is currently unable to overcome the impact of growing output (macro-economic rebound), which is one of the main arguments for the need of downscaling production and consumption in the first place (Wiedmann et al., 2020). From a social perspective, downscaling is a very difficult concept for European welfare states. Maintaining the current level of social security in a shrinking economy would be hard if not impossible, since social benefits and welfare services are funded mainly with income and consumption related taxes that rely on strong economy. Thus, shifting taxation from labour and low-carbon consumption to carbon intensive sectors combined with strong public and private sustainable investments would be socially more acceptable approach to transforming current welfare states into eco-states (Ottelin et al., 2018a). In addition, fossil-based energy should be phased-out by regulation (Le Qu´er´e et al., 2019) to avoid leakage effects. The policies should also cover the imported emissions to avoid so-called “low-carbon” illusion, meaning that the domestic energy production is clean, but GHG intensive products are imported from elsewhere (Clarke et al., 2017; Ottelin et al., 2019a).

### AT: Ag

#### High intensity ag is sustainable but low yield ecological ag is actually worse for BioD

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As to the stance on agriculture, the focus point of this essay, ecomodernists owe a big deal to the work of Ben Phalan and Andrew Balmford, both from the University of Cambridge, UK, and their work on the land sharing versus land sparing debate. In a nutshell, this debate revolves around the question whether for biodiversity it is better to combine high yielding agriculture with setting away large swaths of the planet for nature, or go for wildlife-friendly farming, with lower yields and thus requiring more land, but with more biodiversity on the farm. The results of Phalan and Balmford, but also of others, unequivocally show that land sparing in most cases saves more biodiversity than land sharing, currently, but also in scenarios where in 2050 70% more calories need to be produced (Phalan et al. 2011; Balmford et al. 2015; Hodgson et al. 2010; Egan 2012). This is true for birds, mammals, trees, plants and insects, and can simply be explained by the fact that animals or plants don’t like agricultural fields, no matter if they are extensively or intensively managed. Especially rare organisms need ‘wild’ nature to thrive. The aim to reduce land use, fits with another core principle of ecomodernism: saving nature by not needing it. In stark contrast with the classic green motto of wanting to live more in harmony with nature as a way to save the planet, ecomodernists feel that dependency on nature for one’s survival leads to its detriment. There are some striking historical examples where nature was saved by not needing it anymore. The population of whales, whose oil was used for lighting, was saved by the discovery of fossil oil, and the same accounted for forest all around the world: by switching from wood to oil and coal many forests around the world were saved from the axe. Moreover, the rise of synthetic rubber, saved forests from turning into rubber plantations, and, more recently, wild fish stocks are being saved by the development of fish farms (Asafu-Adjaye et al. 2015). The less we need nature for its ecosystem services, its resources or its land, the more it can follow its own dynamic, and the more wild nature there is for us to enjoy. Nature should be saved for its intrinsic value, not for its use for humankind, as then it is bound to lose.