# 1AC

### Framework

#### The meta-ethic is practical reason:

#### A – Action theory – any action can be infinitely subdivided into smaller actions. For example, my walk to the door can be split into steps, movements, or moments in time. Only practical reason, i.e. my intention to walk to the door, can unify these pieces into a single, coherent action.

#### B – Bindingness – external accounts of the good cannot motivate action since we can always ask *why* we should care about that thing. Only practical reason solves regress since ‘why should I follow reason’ is asking for a reason, conceding its authority – proves my framework is inescapable and that others collapse.

#### Next, actions must be willed freely from the choices of others. Otherwise, that would violate practical reason since you cannot will your unfreedom while also relying on your freedom to act to begin with. But, agents can’t individually secure their own freedom since they can’t wholly control what others do.

#### Instead, they must jointly will the freedom of all, so that no one can subject another to their choice. Only a state, with power deriving from the participation of all, can enforce spheres of mutual independence while remaining impartial to each agent.

#### Thus, the standard is protecting equal outer freedom. Impact calc—only intents matter—

#### A] Induction fails – it begs the question because it uses the past to predict the future but we only assume this is true because it’s worked in the past which is circular.

#### B] Aggregation’s impossible – freedom is a property of action and not a countable object. Saying that two free actions are “more free” than one actions is like saying two circles are more “circular” than one.

#### Prefer additionally—

#### [1] Performativity – Debate is an exchange of ideas, which requires that we respect each other as free, independent persons who seek ethical truth. Every response you make presupposes it. This respect extends to other people, since they are also agents who engage in dialogue.

#### [2] Actions are motivated by particular reasons—normativity can be justified by a plurality of reasons.

Enoch Enoch, David. "Giving Practical Reasons." Philosophers Imprint. The Hebrew University, Mar. 2011. Web. <https://quod.lib.umich.edu/cgi/p/pod/dod-idx/giving-practical-reasons.pdf?c=phimp;idno=3521354.0011.004>.

I should also note something it does not take for the role played by the given reason in the receiver’s practical reasoning to be appropriate. It is not required that the role be, as it were, ultimate. In other words, it is perfectly consistent with robust reason-giving thus understood that there be a further, fuller, perhaps more basic story of why it is that B does and should take A’s relevant intentions as reason-giving. Perhaps, for instance, B is a simple utilitarian, and let’s further assume that simple utilitarianism is indeed the true fundamental story about all reasons for action. If so, B will take A’s request as a reason to [act] if and only if, and because, doing so will maximize utility. But this does not mean that she doesn’t take, in those cases, A’s request to be a (nonultimate) reason. The crucial question is whether the ultimate (or perhaps just more basic) story here is one that goes through the reasongiver’s special intentions identified above (and the receiver’s recognition thereof), as in the case of the utilitarian request-receiver, in which case we may have a case of robust reason-giving; or whether the more basic story here works directly, leaving no role for the specific intentions that make reason-giving robust (as is the case in the dictator’s child example). Cases of this latter type are not, on the account I’m suggesting here, cases of robust reason-giving. And this seems to me the independently plausible result here. Notice that the intentions mentioned above do not include something like the intention that B actually Φs. This is so because A can give B a reason to [act] Φ knowing well that other reasons may be relevant, including possibly stronger reasons not to [act] Φ.52 Indeed, it seems to me A can make a genuine request that B Φs, all the time acknowledging that if certain other considerations bear on the case, B should not (all things considered) Φ. We do not want to restrict robust reason-giving to just the cases in which the reason-giver intends the given reason to outweigh all others. For similar reasons, A need not intend that the given reason be the only reason for which B Φs.

#### Proves reason-giving is inevitable and alternative framing is compatible.

#### [3] Epistemology – Ethics must be a-priori –

#### A] Is/ought gap – empirical facts only describe how the world is, not why it ought to be that way. For example, just because I do pursue pleasure doesn’t mean I ought to pursue pleasure.

#### B] Perception – The material world is not the way it is because it is that way but rather that we perceive it to be that way. That necessitates a-priori reason since it is universally applied to include everyone. Anything else justifies committing atrocities that are perceived to produce a net positive by one person.

#### Epistemology outweighs since it determines how we know what is true.

### Offense

#### I defend the resolution, Resolved: The member nations of the World Trade Organization ought to reduce intellectual property protections for medicines. PICs affirm since they don’t disprove my general thesis. CX checks all theory: (A) I have to take stances on bidirectional interps. (B) Frivolous theory debates kill substantive education. Also, spec interps are irreciprocal since there’s no stable neg advocacy for aff prep.

#### Affirm:

#### 1 – IP stops individuals from using the info they have to benefit their own end.

Long 95 Roderick T. Long, Professor of philosophy at Auburn University and left-libertarian blogger, He also serves as an editor of the Journal of Ayn Rand Studies, director and president of the Molinari Institute and a Senior Fellow at the Center for a Stateless Society. “The Libertarian Case Against Intellectual Property Rights.” 1995. http://freenation.org/a/f31l1.html.

Ethically, property rights of any kind have to be justified as extensions of the right of individuals to control their own lives. Thus any alleged property rights that conflict with this moral basis — like the "right" to own slaves — are invalidated. In my judgment, intellectual property rights also fail to pass this test. To enforce copyright laws and the like is to prevent people from making peaceful use of the information they possess. If you have acquired the information legitimately (say, by buying a book), then on what grounds can you be prevented from using it, reproducing it, trading it? Is this not a violation of the freedom of speech and press?

It may be objected that the person who originated the information deserves ownership rights over it. But information is not a concrete thing an individual can control; it is a universal, existing in other people's minds and other people's property, and over these the originator has no legitimate sovereignty. You cannot own information without owning other people.

Suppose I write a poem, and you read it and memorize it. By memorizing it, you have in effect created a "software" duplicate of the poem to be stored in your brain. But clearly I can claim no rights over that copy so long as you remain a free and autonomous individual. That copy in your head is yours and no one else's.

But now suppose you proceed to transcribe my poem, to make a "hard copy" of the information stored in your brain. The materials you use — pen and ink — are your own property. The information template which you used — that is, the stored memory of the poem — is also your own property. So how can the hard copy you produce from these materials be anything but yours to publish, sell, adapt, or otherwise treat as you please?

#### 2 – The distinction between the implementation of ideas and ideas themselves is artificial.

Long 95 Roderick T. Long, Professor of philosophy at Auburn University and left-libertarian blogger, He also serves as an editor of the Journal of Ayn Rand Studies, director and president of the Molinari Institute and a Senior Fellow at the Center for a Stateless Society. “The Libertarian Case Against Intellectual Property Rights.” 1995. http://freenation.org/a/f31l1.html.

The moral case against patents is even clearer. A patent is, in effect, a claim of ownership over a law of nature. What if Newton had claimed to own calculus, or the law of gravity? Would we have to pay a fee to his estate every time we used one of the principles he discovered?

"... the patent monopoly ... consists in protecting inventors ... against competition for a period long enough to extort from the people a reward enormously in excess of the labor measure of their services, — in other words, in giving certain people a right of property for a term of years in laws and facts of Nature, and the power to exact tribute from others for the use of this natural wealth, which should be open to all."

(Benjamin Tucker, Instead of a Book, By a Man Too Busy to Write One: A Fragmentary Exposition of Philosophical Anarchism (New York: Tucker, 1893), p. 13.)

Defenders of patents claim that patent laws protect ownership only of inventions, not of discoveries. (Likewise, defenders of copyright claim that copyright laws protect only implementations of ideas, not the ideas themselves.) But this distinction is an artificial one. Laws of nature come in varying degrees of generality and specificity; if it is a law of nature that copper conducts electricity, it is no less a law of nature that this much copper, arranged in this configuration, with these other materials arranged so, makes a workable battery. And so on.

Suppose you are trapped at the bottom of a ravine. Sabre-tooth tigers are approaching hungrily. Your only hope is to quickly construct a levitation device I've recently invented. You know how it works, because you attended a public lecture I gave on the topic. And it's easy to construct, quite rapidly, out of materials you see lying around in the ravine.

But there's a problem. I've patented my levitation device. I own it — not just the individual model I built, but the universal. Thus, you can't construct your means of escape without using my property. And I, mean old skinflint that I am, refuse to give my permission. And so the tigers dine well.

This highlights the moral problem with the notion of intellectual property. By claiming a patent on my levitation device, I'm saying that you are not permitted to use your own knowledge to further your ends. By what right?

#### Proves IP rights are incoherent since it results in an inability to perform simple actions that have already been thought of before.

### Underview

#### [1] Aff theory is legit and drop the debater. 1AR theory is key to check infinite abuse. The 1AR is already too short so strat skew and time loss reading theory makes it impossible to have a fair shot at other areas of the flow, which also means aff theory comes lexically prior. And, no neg RVIs—let’s them dump on the shell for 6 minutes making the 2AR impossible.

#### [2] Interpretation: The negative must concede the affirmative’s framework if the standard is protecting equal outer freedom.

#### Violation: They contested it.

#### Standards:

#### 1 – Strat skew – The neg can uplayer and read NCs and Ks. This means they can win their framework and offense under their framework or they can win offense under our framework creating a 2:1 skew. It also exacerbates 1AR time skews and forces a 1AR restart. They also get the advantage of being reactionary so they will be ahead on both layers.

#### 2 – Resolvability – Framework debates tend to be blippy and irresolvable – It’s a debate about truth values whereas contention debates have material impacts that can be weighed. Viewing offense under one lens is key to solve since it avoids the framework debate. Resolvability is an independent voter because judges need to resolve rounds to make a decision. It also is key to fairness because anything else leads to judge intervention which is inherently unfair.

#### 3 – Topic Ed – Every debate without AFC means a framework debate which crowds out topic ed. Our interp allows in depth topic ed and let’s us debate the resolution’s application to one philosophy.

#### 4 – Critical Thinking – Our framework forces you to make analytic arguments about the nature of [] – details like the geopolitical effects don’t matter because none of us will ever be in a position to pass policies – but, we will have to make decisions in everyday life.

#### Fairness is a voter – Debate is a competitive activity which requires an equal playing field or else judges won’t be able to vote on the better debater.

#### Education is a voter – It’s why schools fund the activity, why students do it, and the only portable skill.

#### Drop the debater to deter future abuse.

#### Competing interps – A) Reasonability is interventionist because I don’t know what the judge considers reasonable. B) Brightlines are arbitrary and change all the time. C) Competing interps creates a race to the top.

#### No RVIs – A) RVIs create a chilling effect where we would be too scared to call out real abuse. B) They’re illogical – you don’t win for being fair. C) It encourages baiting theory and having a pre-scripted counterinterp.

### Advantage

#### India is in crisis – the recent COVID surge is fundamentally different from that of the past.

Khullar 21. [(Dhruv Khullar is a contributing writer at The New Yorker, where he writes primarily about medicine, health care, and politics. He is also a practicing physician and an assistant professor at Weill Cornell Medical College) “India’s Crisis Marks a New Phase in the Pandemic,” The New Yorker, May 13, 2021. https://www.newyorker.com/science/medical dispatch/indias-crisis-marks-a-new-phase-in-the-pandemic] TDI

Laxminarayan’s walks have changed in recent weeks. Coronavirus deaths in India have skyrocketed, and a frightening atmosphere has descended. New Delhi is roughly as dense as New York City, with some thirty thousand residents per square mile. But now Laxminarayan passes just a few scattered people; almost everyone stays inside if they can, venturing out only in search of food, medication, or medical care. Before the surge, mask-wearing had declined, but now everyone’s face is covered again. “You need public-health enforcement when the pandemic is invisible,” Laxminarayan told me. “Now fear is the dominant force changing people’s behavior.” Government statistics indicate that the virus is newly infecting millions of Indians each week, and that some twenty thousand or thirty thousand people are dying weekly. But most experts, including Laxminarayan, believe that those numbers capture a fraction of the true covid-19 toll. “It’s a war zone,” Laxminarayan said. “It’s worse than what you’re reading in the papers or seeing on TV. Whatever the numbers are, they don’t tell the full story. The human toll is devastating.” The current surge differs fundamentally from India’s experience last year. “This is truly a national wave,” Laxminarayan said. “It’s not urban. It’s not rural. It’s not north or south. It’s everywhere.” He went on, “During the first wave, the poor suffered the bulk of the health and economic toll. Now everyone is affected. I personally don’t know a single family that doesn’t have covid in it right now. I don’t mean in their extended family. I mean in their nuclear family.” In late April, after his dentist’s parents both died and after a colleague fell ill and couldn’t get oxygen, Laxminarayan decided to shift from covid research to covid relief. He and his team at C.D.D.E.P. decided to focus on India’s oxygen-supply problem, which has fundamentally limited the nation’s hospital capacity. They launched an initiative called OxygenForIndia, raising eight and a half million dollars in two weeks; with the help of corporate partners, among them Verizon Media, Logitech, and UiPath, they have secured more than two thousand oxygen concentrators—portable devices that remove nitrogen from the air to produce purified oxygen—and thirty thousand cylinders to store gaseous oxygen. By some estimates, those cylinder donations add up to more gaseous oxygen than India has received through foreign aid to date. “Right now, no one wants to leave a hospital bed they’re in,” Laxminarayan said. “It’s the only place they know perhaps they can get oxygen. We want to assure people they will have oxygen at home, so that hospital capacity is freed up for the sickest patients.” Laxminarayan thinks that bolstering critical-care capacity is a long-term proposition—“You can’t make doctors and nurses overnight”—and that India is better served today by making more efficient use of its existing infrastructure. OxygenForIndia has already started delivering oxygen to people’s homes, but the organization’s larger goal is to partner with hospitals in urban areas: Delhi, Bangalore, and Kolkata, among others. Doctors, along with algorithms, will triage patients upon presentation or as they improve before discharge. Those deemed safe to go home with supportive oxygen will be given a Q.R. code to be scanned at a nearby warehouse, where they can collect an oxygen cylinder or concentrator to keep as long as they need. (Cylinders must be refilled at the warehouse each day; concentrators can be used continuously at home.) “I’m hoping this is a scalable model that can be used by other countries when they face their big covid wave,” Laxminarayan said. “Because there’s no reason to believe they won’t.” The air around us, which contains twenty-one-per-cent oxygen, must be concentrated and purified to produce the medical-grade gas that people need when the coronavirus besieges their lungs. The most efficient way to accomplish this—the default in wealthy countries—is for factories to produce liquid oxygen, which tanker trucks then deliver to hospitals, where it can be stored in large containers and then piped into patients’ rooms. Many hospitals in poor countries, however, aren’t equipped to store liquid oxygen, and must rely on an external supply. If a hospital is in a remote location, this can be a serious logistical challenge. Another option is to install on-site plants that extract oxygen from the air. These systems, which use a technology known as pressure swing adsorption, or P.S.A., are expensive, and require maintenance. In October, the Indian government announced plans to build a hundred and sixty-two such plants around the country; thus far, thirty-three have been installed. Laxminarayan’s organization also hopes to create dozens of oxygen-generation plants at Indian hospitals. For now, many hospitals rely on simpler, decentralized technology, which comes with disadvantages: the gaseous oxygen contained in cylinders can cost ten times as much as its liquid equivalent, and oxygen concentrators are usually intended for only one or a few patients at a time. Whatever the process, it’s clear that too many Indians are going without the oxygen they need. Since this February, India’s oxygen requirements have increased fifteenfold; it now needs nearly three times as much medical-grade oxygen as it did during the height of its first wave. Some hospitals have run out of oxygen, and others are on the precipice. Hospitals won’t admit patients whom they can’t treat; many Indians therefore suffer a suffocating illness at home. The government is doing what it can: granting oxygen-transport vehicles an ambulance-like status on roads; leveraging the national railway service to move tankers around the country; enlisting the air force to transport empty containers back to factories to be refilled. On Wednesday, India’s Supreme Court ordered the federal government to present a more comprehensive plan to meet New Delhi’s oxygen needs. Meanwhile, foreign governments and international aid organizations are sending ventilators, concentrators, and cylinders. Still, each day brings fresh reports of people dying because they can’t get oxygen. (The shortage is likely to spread: globally, the deficit of medical oxygen—the gap between what’s needed and what’s being produced—has tripled in recent months, in part owing to the unmet need in India but also because of growing demand in South America and the Middle East.) Technically, Indians have access to universal health coverage: the country’s constitution guarantees everyone a “right to life,” and people can receive care at government facilities free of charge. But, over decades, low levels of public financing have led to poor quality and severe staff and supply shortages. India’s federal government spends around one per cent of G.D.P. on health care—far less than most large economies. Moreover, states share responsibility with the federal government for health care delivery, and that has resulted in a large variation in funding and quality. Many Indians therefore opt to pay for private health care, if they can afford it, and the private sector now provides most care in India, even though commercial health insurance is available to only a fraction of the population and out-of-pocket costs can be devastating. In 2018, the central government launched a major effort aimed at insuring that low-income people could receive care at private facilities. But relatively few Indians have a regular place of care where they can receive ongoing management of their medical conditions or outpatient testing and treatment for covid-19. The coronavirus has severely strained India’s critical-care capacity, which was lacking even before the pandemic: during normal times, the country has around fifteen per cent of the critical-care specialists it needs. More generally, India has nine doctors for every ten thousand people—about half the global average, and only a third as many as the U.S. There’s also the issue of maldistribution: two-thirds of India’s population lives in rural areas, where only twenty per cent of the nation’s doctors work. (Shortages of nurses and other clinicians can be even worse.) VIDEO FROM THE NEW YORKER The Pandemic Through the Eyes of a Three-Year-Old Still, India’s physician-to patient ratio is higher than that of Bangladesh, Nepal, or any nation in sub-Saharan Africa. Many of the globe’s myriad health-care systems share the fundamental constraints that have transformed India’s second wave into a humanitarian crisis—including an oxygen-delivery infrastructure that is unable to meet the demands of a vast viral surge. Many Indians have experienced the current surge as a surprise. But the forces driving it are fundamentally familiar. “Society opened up without restraint,” K. Srinath Reddy, the president of the Public Health Foundation of India and the former chair of cardiology at the All India Institute of Medical Sciences, told me. “It was widely perceived that the pandemic is behind us, that we are unlikely to have a second wave. We didn’t just return to 2019—we entered 2021 with an extra degree of exuberance.” Politicians encouraged people to gather at massive rallies; cricket stadiums filled with fans; malls opened to shoppers and weddings welcomed guests. The government sanctioned the Kumbh Mela, a Hindu religious festival, and millions of people made the pilgrimage to Haridwar, in the northern state of Uttarakhand, to wash in the River Ganges. The festival started on April 1st and continued for nearly three weeks before the coronavirus toll became unbearable and undeniable. Afterward, people carried the virus back to far-flung cities and villages. “The euphoria of putting the pandemic behind us was a widely prevalent emotion, and it suited everyone,” Reddy said. “Industry wanted to get back to full production. Small traders wanted to get back to business. Ordinary citizens wanted to get back to their lives.” Many countries have engaged in wishful thinking during the pandemic; all have struggled to fight the virus while avoiding economic collapse. The Indian experience speaks specifically to the problem of endurance, and raises the question of how long low- and middle-income countries can maintain pandemic protocols absent a clear time line for widespread vaccination. The U.S. and much of Europe have navigated the pandemic while looking forward to early and reliable access to vaccines; if we didn’t have a firm end date, we at least knew that an end was approaching. Under such conditions, politicians and the public can examine, debate, and accept the costs of restrictions. But that calculus is harder, perhaps impossible, without some assurance that pandemic life is temporary. ADVERTISEMENT The global vaccination effort has faltered, with poor countries receiving a fraction of the vaccines they had expected. covax, the world’s primary initiative to promote vaccine equity, had planned to deliver two billion doses in 2021; so far, it’s sent out about fifty million. Less than half of one per cent of all covid-19 vaccines have been administered in poor nations. “We’re now in this very strange situation where we’re talking about fourteen-year-olds in America getting vaccinated, while older people around the world remain vulnerable and entire countries are devastated,” Ashish Jha, the dean of Brown’s public-health school, told me. “It’s a moral issue, but it’s also an epidemiological one. We’re placing everyone at risk when we let the virus run rampant. It creates a huge substrate for new variants. We need to quadruple our efforts to get the world vaccinated. That has to be the No. 1 priority for the Biden Administration going forward.” The U.S. has committed four billion dollars to covax, which still faces a funding shortfall of tens of billions of dollars. Last week, the Biden Administration also announced its support for waiving intellectual-property protections for covid-19 vaccines. The proposed waiver—it must be approved by the World Trade Organization—has been hailed by many public-health practitioners; the director-general of the W.H.O., Tedros Adhanom Ghebreyesus, called Biden’s support for the proposal “a monumental moment” in the fight against the pandemic. But others have sounded a cautionary note, raising the possibility that the spectre of patent waivers will disincentivize companies from investing in vaccine and drug development in the future. “I wonder whether we want to send potential firms the message that the larger the health crisis, the less we will respect and protect your I.P.,” Craig Garthwaite, a professor at Northwestern University, tweeted, after the Biden Administration’s announcement. “That’s a great system if you think this is the last pandemic we’ll face.”

#### That causes Indo-Pak conflict escalation.

Somos 20. [Christy Somos is a CTVNews.ca Writer) “COVID-19 has escalated armed conflict in India, Pakistan, Iraq, Libya and the Philippines, study finds,” CTV News, December 17, 2020. https://www.ctvnews.ca/world/covid-19-has-escalated-armed-conflict-in-india-pakistan-iraq libya-and-the-philippines-study-finds-1.5236738] TDI

INDIA India saw a rise in armed conflict during the study period, with violent clashes in the Kashmir region between Kashmiri separatists facing off against the Indian military, as well as conflicts between Pakistan and India.“So what mostly drove the increase in conflict intensity…were basically due to two factors,” Ide said. “The first being that there is some evidence that Pakistan sponsors or supports these insurgents in Kashmir, to encourage them to increase their attacks [on Indian forces] because they perceived them to be weak and struggling with the pandemic.” The second factor, Ide explained, was that while Indian government enacted a “pretty comprehensive lockdown in Kashmir, and sealing it way from international media attention…launched more intense counter-insurgency efforts and…crack[ed] down on any pro-Pakistani sympathy expressions.” IRAQ Iraq had an increase in armed conflict, but Ide noted that the overall intensity did not change that much – a “very slight upward trend” in scale that was not linear. What did increase were attacks by ISIS in April, May, and June. “The Iraqi government was really in trouble,” he said. “They had enormous economic loss, they had to go head to-head and use troops and funds to combat the pandemic – the international coalition supporting the government partially withdrew troops or stopped their activities.” “The Iraqi government was really in a position of weakness.” Ide said the Islamic State exploited the pandemic and the thin resources at hand to the government to expand territorial control, conquer new areas and to stage more attacks. LIBYA The civil war in Libya between the Government of National Accord’s (GNA) forces and the Libyan National Army escalated during the study period, after a ceasefire brokered in January was broken, Ide said. “As soon as international attention shifted to the pandemic…they really escalated the conflict, tried to make gains while hoping the other side is weakened because of the pandemic, hoping to score an easy military victory” Ide said. “It didn’t happen.” The UN Security Council noted in a May report that the pandemic was bolstering the 15-month conflict, citing the history of more than 850 broken ceasefire agreements and “a tide of civilian deaths” on top of a worsening outbreak. PAKISTAN The ongoing conflict with India saw a rise in armed conflict in Pakistanduring the study period – which were unrelated to the pandemic, but also a rise in Taliban affiliated groups and anti-government sentiments due to pandemic restrictions, Ide said. “There were a lot of anti-government grievances,” Ide said. “There were restrictions on religious gatherings, which religious groups did not like, and there were some negative economic impacts which affected the local people.” Ide said those two factors could have been exploited by the Taliban in a quest to recruit more followers. Later in the study period, a swath Pakistani government officials were struck with COVID-19, leaving the country with a leadership crisis, which saw an increase of attacks by Taliban groupsin May.

#### That causes major death.

Roblin 21. [(Sébastien Roblin holds a master’s degree in Conflict Resolution from Georgetown University and served as a university instructor for the Peace Corps in China, "If the Next India Pakistan War Goes Nuclear, It Will Destroy the World," The National Interest, March 26, 2021. https://nationalinterest.org/blog/reboot/if-next-india-pakistan-war-goes-nuclear-it-will-destroy world-181134] TDI

Here's What You Need to Remember: India and Pakistan account for over one-fifth world’s population, and therefore a significant share of economic activity. Should their major cities become irradiated ruins with their populations decimated, a tremendous disruption would surely result. Between February 26 and 27 in 2019, Indian and Pakistani warplanes launched strikes on each other’s territory and engaged in aerial combatfor the first time since 1971. Pakistan ominously hinted it was convening its National Command Authority, the institution which can authorize a nuclear strike. The two states, which have retained an adversarial relationshipsince their founding in 1947, between them deploy nuclear warheadsthat can be delivered by land, air and sea. However, those weapons are inferior in number and yield to the thousands of nuclear weapons possessed by Russia and the United States, which include megaton-class weapons that can wipe out a metropolis in a single blast. Some commenters have callously suggested that means a “limited regional nuclear war” would remain an Indian and Pakistani problem. People find it difficult to assess the risk of rare but catastrophic events; after all, a full-scale nuclear war has never occurred before, though it has come close to happening. Such assessments are not only shockingly callous but shortsighted. In fact, several studies have modeled the global impact of a “limited” ten-day nuclear warin which India and Pakistan each exchange fifty 15-kiloton nuclear bombs equivalent in yield to the Little Boy uranium bomb dropped on Hiroshima. Their findings concluded that spillover would in no way be “limited,” directly impacting people across the globethat would struggle to locate Kashmir on a map. And those results are merely a conservative baseline, as India and Pakistan are estimated to possess over 260 warheads. Some likely have yields exceeding 15-kilotons, which is relatively small compared to modern strategic warheads. Casualties Recurring terrorist attacks by Pakistan-sponsored militant groups over the status of India’s Muslim majority Jammu and Kashmir state have repeatedly led to threats of a conventional military retaliation by New Delhi. Pakistan, in turn, maintains it may use nuclear weapons as a first-strike weapon to counter balance India’s superior conventional forces. Triggers could involve the destruction of a large part of Pakistan’s military or penetrationby Indian forces deep into Pakistani territory. Islamabad also claims it might authorize a strike in event of a damaging Indian blockade or political destabilizationinstigated by India. India’s official policy is that it will never be first to strike with nuclear weapons—but that once any nukes are used against it, New Dehli will unleash an all-out retaliation. The Little Boy bomb alone killed around 100,000 Japanese—between 30 to 40 percent of Hiroshima’s population—and destroyed 69 percent of the buildings in the city. But Pakistan and India host some of the most populous and densely populated cities on the planet, with population densities of Calcutta, Karachi and Mumbai at or exceeding 65,000 people per square mile. Thus, even low-yield bombs could cause tremendous casualties. A 2014 study estimates that the immediate effectsof the bombs—the fireball, over-pressure wave, radiation burns etc.—would kill twenty million people. An earlier study estimated a hundred 15-kiloton nuclear detonations could kill twenty-six million in India and eighteen million in Pakistan—and concluded that escalating to using 100-kiloton warheads, which have greater blast radius and overpressure waves that can shatter hardened structures, would multiply death tolls four-fold. Moreover, these projected body counts omit the secondary effects of nuclear blasts. Many survivors of the initial explosion would suffer slow, lingering deaths due to radiation exposure. The collapse of healthcare, transport, sanitation, water and economic infrastructure would also claim many more lives. A nuclear blast could also trigger a deadly firestorm. For instance, a firestorm caused by the U.S. napalm bombing of Tokyo in March 1945 killed more people than the Fat Man bomb killed in Nagasaki. Refugee Outflows The civil war in Syria caused over 5.6 million refugees to flee abroad out of a population of 22 million prior to the conflict. Despite relative stability and prosperity of the European nations to which refugees fled, this outflow triggered political backlashesthat have rocked virtually every major Western government. Now consider likely population movements in event of a nuclear war between India-Pakistan, which together total over 1.5 billion people. Nuclear bombings—or their even their mere potential—would likely cause many city-dwellers to fleeto the countryside to lower their odds of being caught in a nuclear strike. Wealthier citizens, numbering in tens of millions, would use their resources to flee abroad. Should bombs beginning dropping, poorer citizens many begin pouring over land borders such as those with Afghanistan and Iran for Pakistan, and Nepal and Bangladesh for India. These poor stateswould struggle to supports tens of millions of refugees. China also borders India and Pakistan—but historically Beijing has not welcomed refugees. Some citizens may undertake risky voyages at sea on overloaded boats, setting their sights on South East Asia and the Arabian Peninsula. Thousands would surely drown. Many regional governments would turn them back, as they have refugees of conflicts in Vietnam, Cambodia and Myanmar in the past. Fallout Radioactive fallout would also be disseminated across the globe. The fallout from the Chernobyl explosion, for example, wounds its way westward from Ukraine into Western Europe, exposing 650,000 persons and contaminating 77,000 square miles. The long-term health effects of the exposure could last decades. India and Pakistan’s neighbors would be especially exposed, and most lack healthcare and infrastructure to deal with such a crisis. Nuclear Winter Studies in 2008 and 2014 found that of one hundred bombs that were fifteen-kilotons were used, it would blast five million tons of fine, sooty particles into the stratosphere, where they would spread across the globe, warping global weather patternsfor the next twenty-five years. The particles would block out light from the sun, causing surface temperatures to decrease an average of 2.7 degrees Fahrenheit across the globe, or 4.5 degrees in North American and Europe. Growing seasons would be shortenedby ten to forty days, and certain cropssuch as Canadian wheat would simply become unviable. Global agricultural yields would fall, leading to rising prices and famine. The particles may also depletebetween 30 to 50 percent of the ozone layer, allowing more of the sun’s radiation to penetrate the atmosphere, causing increased sunburns and rates of cancer and killing off sensitive plant-life and marine plankton, with the spillover effect of decimating fishing yields. To be clear, these are outcomes for a “light” nuclear winter scenario, not a full slugging match between the Russian and U.S. arsenals. Global Recession Any one of the factors above would likely suffice to cause a global economic recession. All of them combined would guarantee one. India and Pakistan account for over one-fifth world’s population, and therefore a significant share of economic activity. Should their major cities become irradiated ruins with their populations decimated, a tremendous disruption would surely result. A massive decrease in consumption and production would obviously instigate a long-lasting recessionary cycle, with attendant deprivations and political destabilization slamming developed and less-developed countries alike. Taken together, these outcomes mean even a “limited” India-Pakistan nuclear war would significantly affect every person on the globe, be they a school teacher in Nebraska, a factory-worker in Shaanxi province or a fisherman in Mombasa. Unfortunately, the recent escalationbetween India and Pakistan is no fluke, but part of a long-simmering pattern likely to continue escalating unless New Delhi and Islamabad work together to change the nature of their relationship.

#### The plan solves by removing barriers to scaled-up vaccine production.

Pandey 21. [(Ashutosh Pandey) “Rich countries block India, South Africa's bid to ban COVID vaccine patents,” DW, April 2, 2021. https://www.dw.com/en/rich-countries-block-india-south africas-bid-to-ban-covid-vaccine-patents/a-56460175

The World Trade Organization (WTO) talks on a proposal by India and South Africa to temporarily suspend intellectual property (IP) rules related to COVID-19 vaccines and treatments hit a roadblock on Thursday after wealthy countries balked at the idea, Germany's dpa news agency reported. The two developing countries say the IP waiver will allow drugmakers in poor countries to start production of effective vaccines sooner. India and South Africa had approached the global trade body in October, calling on it to waive parts of the Agreement on Trade-Related Aspects of Intellectual Property Rights (TRIPS Agreement). The suspension of rights such as patents, industrial designs, copyright and protection of undisclosed information would ensure "**timely access to affordable medical products including vaccines and medicines or to scaling up of research, development, manufacturing and supply of medical products essential to combat COVID**-19," they said. The proposal was vehemently opposed by wealthy nationslike the US and Britain as well as the European Union, who said that a ban would stifle innovation at pharmaceutical companies by robbing them of the incentive to make huge investments in research and development. This would be especially counterproductive during the current pandemic which needs the drugmakers to remain on their toes to deal with a mutating virus, they argue. The WTO talks are taking place as some wealthy countries face criticism for **cornering billions** of COVID shots — many times the size of their populations — while **leaving poor countries** struggling for supplies. **Experts say the global scramble for vaccines, or vaccine nationalism, risks prolonging the pandemic.** "We have to recognize that this virus knows no boundaries, it travels around the globe and the response to it should also be global. It should be based on international solidarity," said Ellen 't Hoen, the director of Medicines Law & Policy — a nonprofit campaigning for greater access to medicines. "Many of the large-scale vaccine manufacturers are based in developing countries. All the production capacity that **exists should be exploited**…and that does require the sharing of Not enough production capacity Supporters of the waiver, which include dozens of developing and least-developed countries and NGOs, said the WTO's IP rules were acting as a **barrier to urgent scale-up of production of vaccines** and other much needed medical equipment in poor countries.