

# Chinese economy to overtake US 'by 2028' due to Covid

26 December 2020



Coronavirus pandemic



**China will overtake the US to become the world's largest economy by 2028, five years earlier than previously forecast, a report says.**

The UK-based Centre for Economics and Business Research (CEBR) said China's "skilful" management of Covid-19 would boost its relative growth compared to the US and Europe in coming years.

Meanwhile India is tipped to become the third largest economy by 2030.

**The CEBR releases its economic league table** every year on 26 December.

Although China was the first country hit by Covid-19, it controlled the disease through swift and extremely strict action, meaning it did not need to repeat economically paralysing lockdowns as European countries have done.

BUSINESS NEWS DECEMBER 25, 2020 / 8:19 PM / UPDATED 2 MONTHS AGO

## China to leapfrog U.S. as world's biggest economy by 2028: think tank

By Reuters Staff

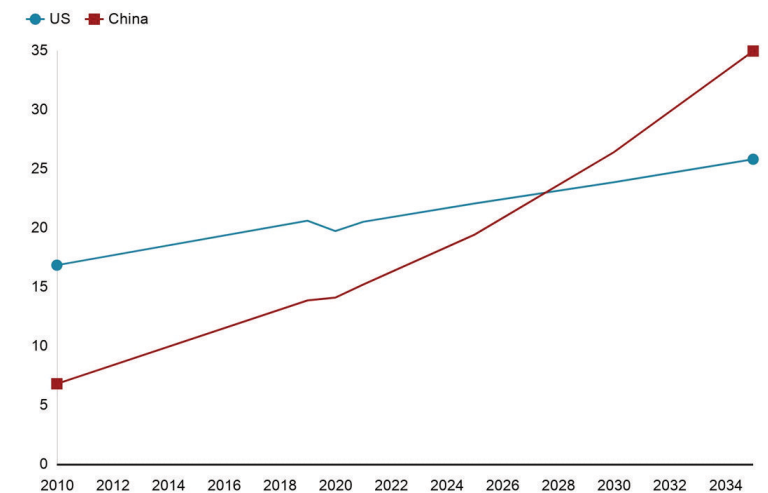
3 MIN READ



LONDON (Reuters) - China will overtake the United States to become the world's biggest economy in 2028, five years earlier than previously estimated due to the contrasting recoveries of the two countries from the COVID-19 pandemic, a think tank said.

### US and Chinese economies 2010-2035

Gross domestic product in \$US trillions (constant prices)



Source: CEBR World Economic League Table 2021



# Coronavirus: Republican congressman says Covid-19 death toll 'the lesser of two evils' compared with economic turmoil

Trey Hollingsworth said policymakers should 'put on their big-boy or big-girl pants'

Andrew Naughtie | @andrewnaughtie | Wednesday 15 April 2020 10:37 | comments



NATION

## Texas' lieutenant governor suggests grandparents are willing to die for US economy

Adrianna Rodriguez USA TODAY

Published 9:14 a.m. ET Mar. 24, 2020 | Updated 11:50 a.m. ET Mar. 24, 2020



NATIONAL

## Indiana congressman says letting more Americans die of coronavirus is lesser of two evils compared to economy tanking



by: CNN Wires

Posted: Apr 14, 2020 / 05:45 PM CDT / Updated: Apr 14, 2020 / 05:45 PM CDT

CORONAVIRUS

## Texas Lt. Governor: Old People Should Volunteer to Die to Save the Economy

According to Dan Patrick "lots of grandparents" are willing to sacrifice themselves for the cause.



BY BESS LEVIN

MARCH 24, 2020

CORONAVIRUS IN TEXAS

## Texas Lt. Gov. Dan Patrick says a failing economy is worse than coronavirus

Texas Lt. Gov. Dan Patrick told Fox News on Monday that he would rather perish from the new coronavirus than see the economy destroyed for his grandchildren by overreaction to the disease.

BY ABBY LIVINGSTON MARCH 23, 2020 7 PM



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REPUBLISH

# Why We Can't Make Vaccine Doses Any Faster

President Biden has promised enough doses for all American adults by this summer. There's not much even the Defense Production Act can do to deliver doses before then.

by **Isaac Arnsdorf and Ryan Gabrielson**

Feb. 19, 5 a.m. EST



Students wait to have their portraits taken for school picture day on Sept. 23, 2020, in Stamford, Connecticut. John Moore/Getty Images

For this to happen by the start of the next school year, trials need to prove the vaccine is safe and effective in children. Experts say manufacturers aren't moving quickly enough, and that this is important for achieving herd immunity and stopping the spread of variants.

by **Caroline Chen**

Feb. 11, 5 a.m. EST

## *Covid Vaccines for Kids Are Coming, but Not for Many Months*

Pfizer has finished enrolling participants in its [study of 12- to 15-year-olds](#) and anticipates having data in “the early part of 2021,” according to a spokeswoman. “From there, we will plan to finalize our study in 5-11 year olds,” she added. As Pfizer completes its trials in adolescents, then 5- to 11-year-olds, it’ll need to submit the data to the U.S. Food and Drug Administration for review and get authorization for the vaccine’s use in those age groups before it’s available; currently in the U.S., the vaccine is [indicated](#) only for those ages 16 and up.

Moderna is still enrolling participants in its [trial for adolescents](#) ages 12 to 18, and it is “on track to provide updated data around mid-year 2021,” the company said in an emailed statement. Stéphane Bancel, Moderna’s chief executive officer, has said that the company’s goal is to have data from the adolescent study in advance of the 2021 school year. Moderna said it’ll begin an age de-escalation study in children ages 11 years to 6 months this year, but Bancel [has said](#) that the company doesn’t expect clinical data until 2022.

Johnson and Johnson hasn’t started any pediatric studies yet. “We are in discussions with regulators and partners regarding the inclusion of pediatric populations in our development plan,” a spokesman said. Novavax, similarly, hasn’t begun any trials in children, and a company spokeswoman said it couldn’t share any details at this time. The University of Oxford, which partnered with AstraZeneca in developing a vaccine, will begin tests in 12- to 18-year-olds next month, [according](#) to Bloomberg News.

February 12, 2021 / [Pediatrics](#)

## Why a COVID-19 Vaccine for Children May Take Longer

Adult vaccination has begun, while clinical trials for a children's vaccine are underway



# New CDC reports warn variants could lead to rapid rise in Covid-19 cases



By [Jamie Gumbrecht](#), CNN

Updated 2:52 PM ET, Wed February 17, 2021

[WORLD](#)

## COVID-19 variant found in UK spreads 'like wildfire.' British experts fear what will happen if US won't lock down

[Kim Hjelmgaard](#) USA TODAY

Published 1:28 p.m. ET Feb. 19, 2021 | Updated 2:29 a.m. ET Feb. 20, 2021

[HEALTH](#)

## In lab experiment, Pfizer-BioNTech vaccine less potent against coronavirus variant



By [Andrew Joseph](#) Feb. 17, 2021

[Reprints](#)

MEGAN MOLTENI SCIENCE 02.19.2021 07:00 AM

# As Coronavirus Variants Spread, the US Struggles to Keep Up

The nation is a sequencing superpower. But without a federal strategy or enough funding, scientists can't coordinate to track an evolving threat fast enough.

## Another new coronavirus variant now detected in 13 countries

By [Ashley P. Taylor](#) - Live Science Contributor 8 hours ago

The variant, called B.1.525, contains a worrisome mutation.

## Exclusive: Two variants have merged into heavily mutated coronavirus

The UK and California variants of coronavirus appear to have combined into a heavily mutated hybrid, sparking concern that we may be entering a new phase of the covid-19 pandemic



[HEALTH](#) 16 February 2021

By [Graham Lawton](#)

## South African Covid variant may cut antibody protection from Pfizer vaccine by two-thirds

**Study finds fall in antibody activity - but scientists say jab should still protect against severe disease and death**

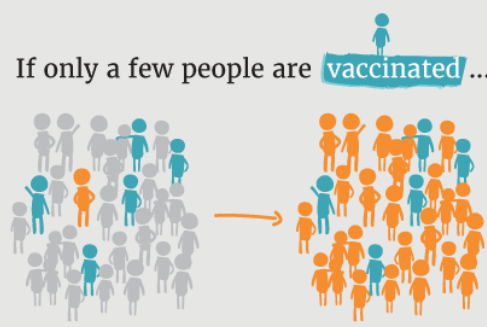
EXCLUSIVE

# 'We want them infected': Trump appointee demanded 'herd immunity' strategy, emails reveal

Then-HHS science adviser Paul Alexander called for millions of Americans to be infected as means of fighting Covid-19.

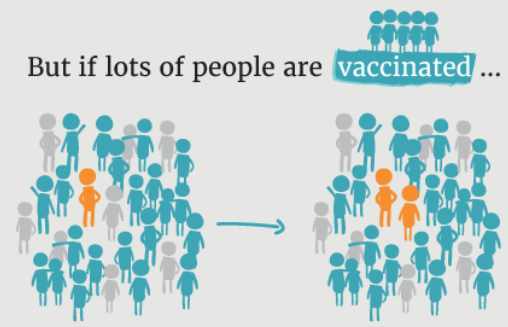
**What is 'herd immunity'?**

If only a few people are vaccinated ...



...then one **person** is infected...  
the disease spreads very fast

But if lots of people are vaccinated ...



...then the **disease** can't spread very far,  
so the whole community stays safe.  
**This is 'herd immunity'**

**#CelebrateVaccines**

British Society for immunology  
www.immunology.org

NEWS FEATURE • 21 OCTOBER 2020

# The false promise of herd immunity for COVID-19

Why proposals to largely let the virus run its course – embraced by Donald Trump’s administration and others – could bring “untold death and suffering”.

**Christie Aschwanden**

NEWS FEATURE • 16 FEBRUARY 2021

## The coronavirus is here to stay – here’s what that means

A *Nature* survey shows many scientists expect the virus that causes COVID-19 to become endemic, but it could pose less danger over time.

FIRST OPINION

## We cannot rely on magical thinking: Herd immunity is not a plan

By Gigi Kwik Gronvall and Rachel West Oct. 16, 2020

[Reprints](#)

## Why herd immunity may be impossible without vaccinating children against COVID-19

February 16, 2021 8:26am EST • Updated February 17, 2021 8:36am EST

HEALTH

## What If We Never Reach Herd Immunity?

Hitting the threshold might actually be impossible. But vaccines can still help end the pandemic.

SARAH ZHANG FEBRUARY 9, 2021

## Coronavirus: Outcry after Trump suggests injecting disinfectant as treatment

© 24 April 2020



US President Donald Trump has been lambasted by the medical community after suggesting research into whether coronavirus might be treated by injecting disinfectant into the body.

## Trump suggests 'injection' of disinfectant to beat coronavirus and 'clean' the lungs

A Homeland Security official, under questioning from reporters, later said federal laboratories are not considering such a treatment option.

HEALTH • COVID-19

## Accidental Poisonings Increased After President Trump's Disinfectant Comments

## Trump identifies another hoax: The coronavirus



**Christopher Wilson** • Senior Writer

July 13, 2020

## Trump repeats false claim children are 'immune' to coronavirus despite 97,000 infections among young people reported in July

In push for schools to reopen, president dismisses reports showing risk of infections among young people

**Alex Woodward** New York | Tuesday 11 August 2020 01:19 | [comments](#)



# Lying with facts

BY İBRAHİM ALTAY | READER'S CORNER | MAY 21, 2018 | 12:00 AM GMT+3

BEST OF BBC FUTURE

## The devious art of lying by telling the truth

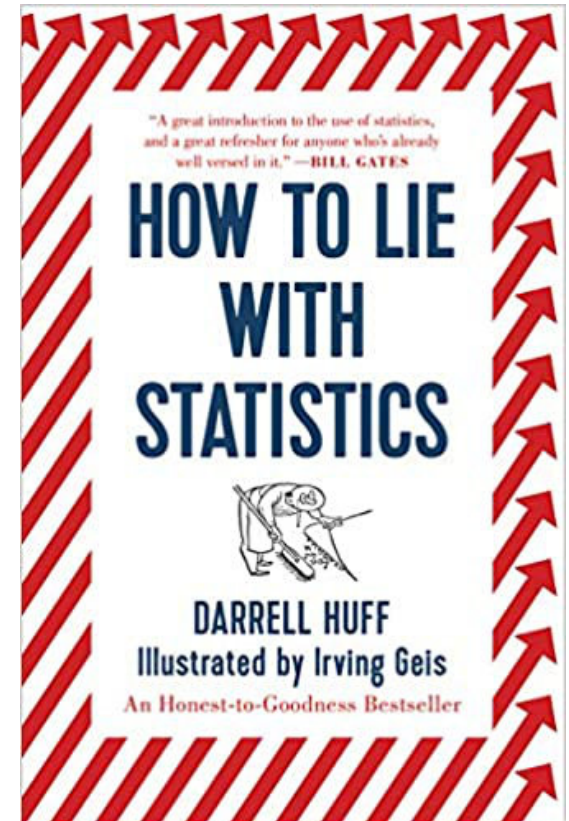
By *Melissa Hogenboom*  15th November 2017

The line between truth and lies is becoming ever murkier, finds Melissa Hogenboom. There's even a word for a very different form of lying.

**I**t is no secret that politicians often lie, but consider this – they can do so simply by telling the truth. Confused?

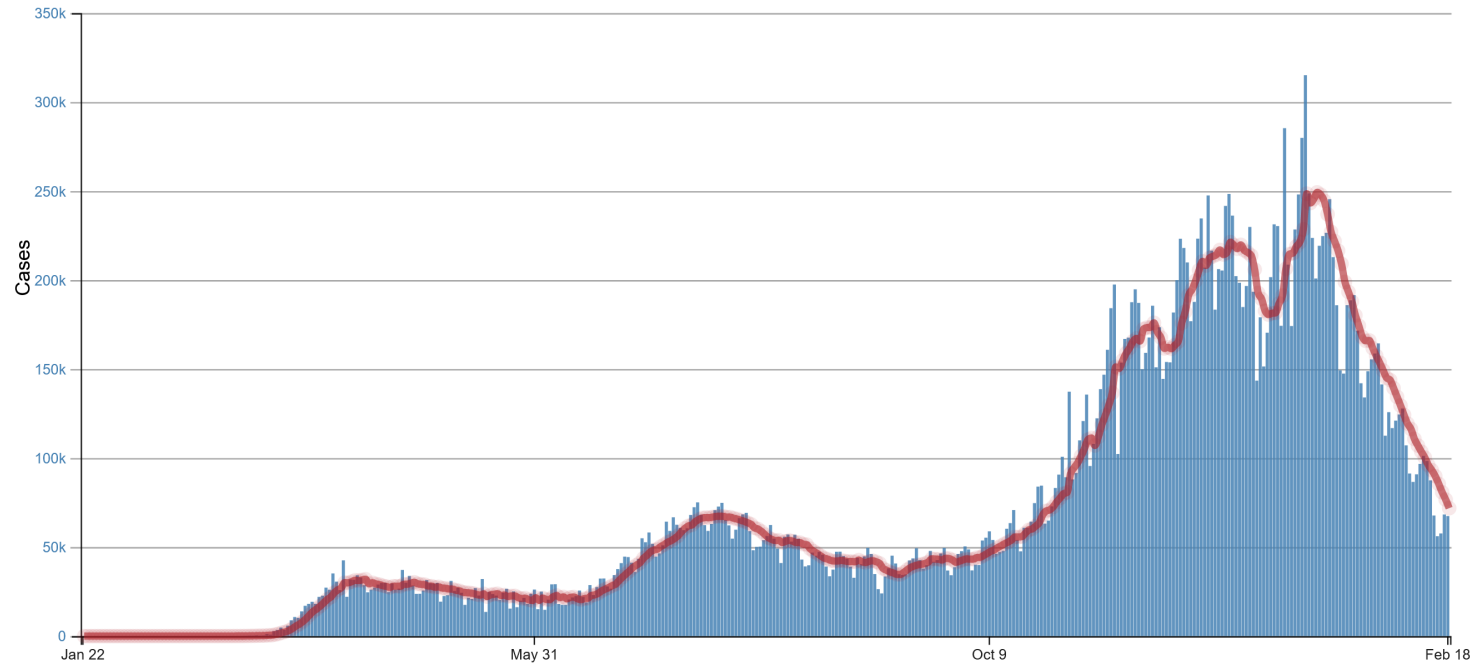
That statement becomes clearer when you realise that we've probably all done it. A classic example might be if your mum asks if you've finished your homework and you respond: "I've written an essay on Tennessee Williams for my English class." This may be true, but it doesn't actually answer the question about whether your homework was done. That essay could have been written long ago and you have misled your poor mother with a truthful statement. You might not have even started your homework yet.

Misleading by "telling the truth" is so pervasive in daily life that a new term **has recently been employed** by psychologists to describe it: paltering. That it is so widespread in society now gives us more insight into the grey area between truth and lies, and perhaps even why we lie at all.

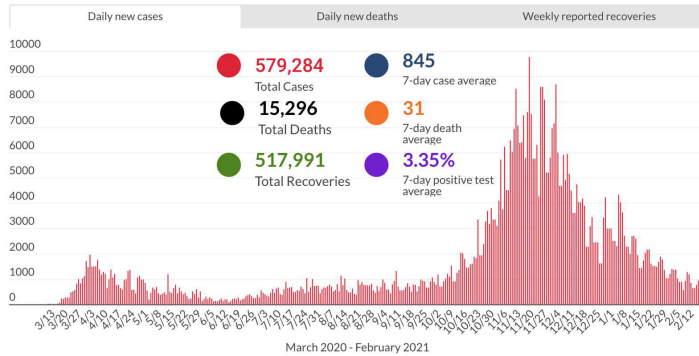




## Daily Trends in Number of COVID-19 Cases in the United States Reported to CDC



### Michigan COVID-19 data



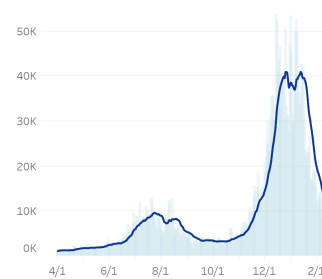
All data from [CDC](#) (Michigan Department of Health and Human Services)



California has 3,428,518 confirmed cases of COVID-19, resulting in 48,344 deaths.

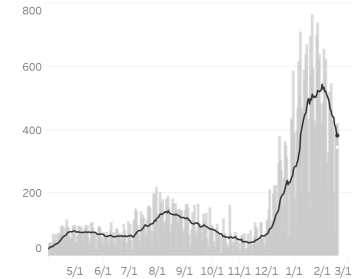
#### Total cases in California

**3,428,518** positive cases  
6,798 new cases  
0.2% increase from prior day total



#### Total deaths in California

**48,344** total deaths  
420 new deaths  
0.9% increase from prior day total



# Transmission of SARS-CoV-2 in K-12 schools

THIS IS TECHNICALLY FACTUAL, BUT...

“Evidence from several studies suggests that children and adolescents may be less commonly infected with SARS-CoV-2 than adults.”

...IT IS BEING USED TO TELL A LIE

*No need to worry, the kids are totally safe!*

THE REAL TRUTH:

**Children can be infected.  
Children can transmit the virus.  
Children can become sick from COVID-19.  
Children can die.**

# Transmission of SARS-CoV-2 in K-12 schools

THIS IS TECHNICALLY FACTUAL, BUT...

“Based on the data available, in-person learning in schools has not been associated with substantial community transmission. Although national COVID-19 case incidence rates among children and adolescents have risen over time, this trend parallels trends observed among adults.”

...IT IS BEING USED TO TELL A LIE

*Schools do not make any difference to the spread of the pandemic.*

THE REAL TRUTH:

**Schools can, and do, spread disease. But the real issue is not whether schools make the COVID pandemic worse. The real issue is safety for students and teachers.**

# Transmission of SARS-CoV-2 in K-12 schools

THIS IS TECHNICALLY FACTUAL, BUT...

“Though outbreaks do occur in school settings, multiple studies have shown that transmission within school settings is typically lower than – or at least similar to – levels of community transmission, when mitigation strategies are in place in schools.”

...IT IS BEING USED TO TELL A LIE

*Schools are the safest place in the community!*

THE REAL TRUTH:

**Community transmission is out of control. School transmission will reflect that fact.**

# Transmission of SARS-CoV-2 in K-12 schools

THIS IS TECHNICALLY FACTUAL, BUT...

“In Michigan and Washington, delivery of in-person instruction was not associated with increased spread of COVID-19 in schools when community transmission was low, but cases in schools did increase at moderate-to-high levels of community transmission. When community transmission was low, there was no association between in-person learning and community spread.”

...IT IS BEING USED TO TELL A LIE

*Schools do not spread the virus to the community.*

THE REAL TRUTH:

**The entire statement relies on the qualifier, “when community transmission was low.” That does not presently describe anywhere in the United States.**

# Transmission of SARS-CoV-2 in K-12 schools

THIS IS TECHNICALLY FACTUAL, BUT...

“Evidence suggests that staff-to-staff transmission is more common than transmission from students to staff, staff to student, or student to student.”

...IT IS BEING USED TO TELL A LIE

*Students are not a significant factor in transmission; no need to wait for vaccines.*

THE REAL TRUTH:

**The word “vaccine” does not appear at all in this CDC report. Vaccines are a standard safety measure. They are omitted here only for the purpose of quickly reopening.**

# Transmission of SARS-CoV-2 in K-12 schools

THIS IS TECHNICALLY FACTUAL, BUT...

“When mitigation strategies – especially mask use and physical distancing – are consistently and correctly used, the risk of transmission in the school environment is decreased.”

...IT IS BEING USED TO TELL A LIE

*Vaccinations are not necessary. Last year's precautions will suffice.*

THE REAL TRUTH:

**Yes, masks are essential. But vaccines are essential, too. Importantly, even the mask guidelines are only recommendations, and are not enforced.**

## Original Investigation

July 29, 2020

# Association Between Statewide School Closure and COVID-19 Incidence and Mortality in the US

Katherine A. Auger, MD, MSc<sup>1,2,3,4</sup>; Samir S. Shah, MD, MSCE<sup>1,2,3,4,5</sup>; Troy Richardson, PhD<sup>4</sup>; [et al](#)

» [Author Affiliations](#) | [Article Information](#)

*JAMA*. 2020;324(9):859-870. doi:10.1001/jama.2020.14348



COVID-19 Resource Center

## Key Points

**Question** Was statewide school closure associated with decreased incidence and mortality for coronavirus disease 2019 (COVID-19)?

**Findings** In this US population-based time series analysis conducted between March 9, 2020, and May 7, 2020, school closure was associated with a significant decline in both incidence of COVID-19 (adjusted relative change per week, -62%) and mortality (adjusted relative change per week, -58%). In a model derived from this analysis, it was estimated that closing schools when the cumulative incidence of COVID-19 was in the lowest quartile compared with the highest quartile was associated with 128.7 fewer cases per 100 000 population over 26 days and with 1.5 fewer deaths per 100 000 population over 16 days.

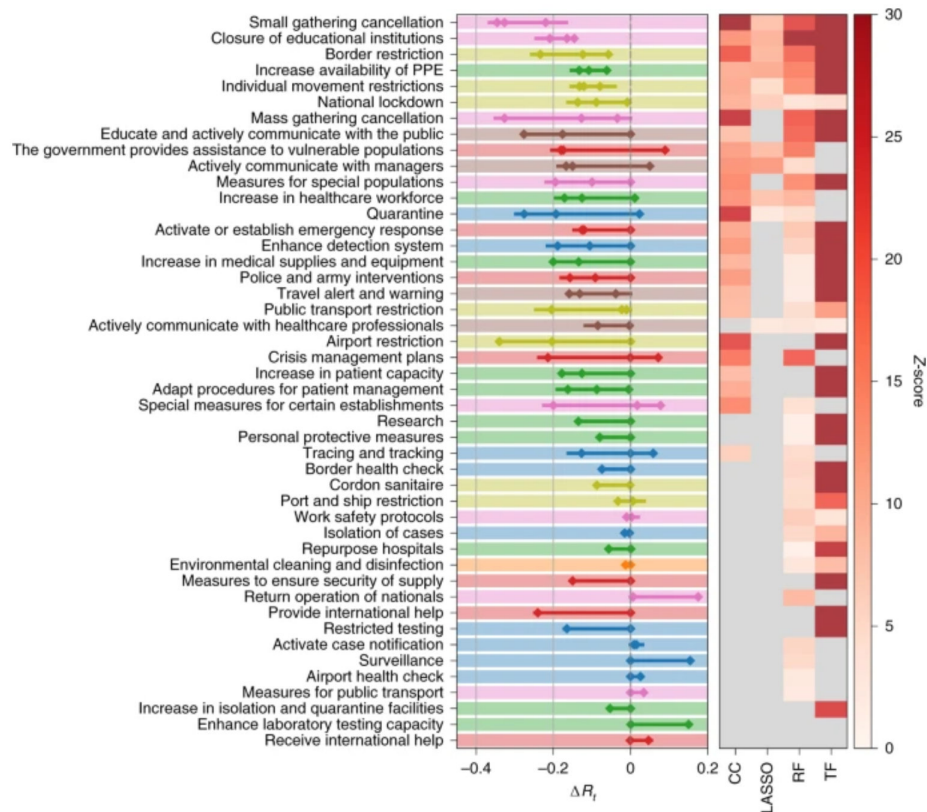


# Ranking the effectiveness of worldwide COVID-19 government interventions

Nils Haug, Lukas Geyrhofer, Alessandro Londei, Elma Dervic, Amélie Desvars-Larrive, Vittorio Loreto, Beate Pinior, Stefan Thurner & Peter Klimek 

*Nature Human Behaviour* 4, 1303–1312(2020) | [Cite this article](#)

**Fig. 1: Change in  $R_t$  ( $\Delta R_t$ ) for 46 NPIs at L2, as quantified by CC analysis, LASSO and TF regression.**



Among the six full-consensus NPI categories in the CCCSL, the largest impacts on  $R_t$  are shown by small gathering cancellations (83%,  $\Delta R_t$  between  $-0.22$  and  $-0.35$ ), the closure of educational institutions (73%, and estimates for  $\Delta R_t$  ranging from  $-0.15$  to  $-0.21$ ) and border restrictions (56%,  $\Delta R_t$  between  $-0.057$  and  $-0.23$ ). The consensus measures also include NPIs aiming to increase healthcare and public health capacities (increased availability of personal protective equipment (PPE): 51%,  $\Delta R_t$   $-0.062$  to  $-0.13$ ), individual movement restrictions (42%,  $\Delta R_t$   $-0.08$  to  $-0.13$ ) and national lockdown (including stay-at-home order in US states) (25%,  $\Delta R_t$   $-0.008$  to  $-0.14$ ).