



# Long-term consequences of COVID-19 on international dispute resolution

Lise Alm, Head of Business Development

Arbitration Institute at the Stockholm Chamber of Commerce

INCREASED DIGITALIZATION  
WILL LEAD TO INCREASED  
ADOPTION OF ADVANCED  
TECHNOLOGIES

THIS INCLUDES  
LAWYERS AND JUDGES  
BEING ENHANCED BY  
ARTIFICIAL INTELLIGENCE

HUMANS WILL NOT BE  
REPLACED BY  
OMNIPOTENT ROBOT  
JUDGES ANYTIME SOON

# HOWEVER, AI IS USED IN COURTS ALREADY TODAY

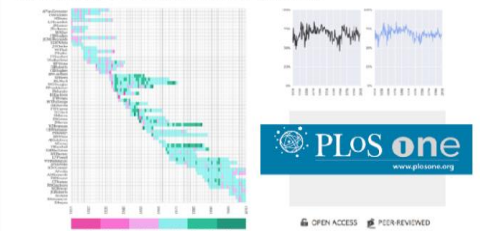
**JITE** The Measure of a MAC: A Machine-Learning Protocol for Analyzing Force Majeure Clauses in M&A Agreements

Authors: Talley, Eric; O'Kane, Drew

Source: *Journal of Institutional and Theoretical Economics JITE*, Volume 168, Number 1, March 2012, pp. 181-201(21)

A general approach for predicting the behavior of the Supreme Court of the United States

Daniel Martin Katz, Michael J. Bommarito II, Josh Blackman  
Published: April 12, 2017 • <https://doi.org/10.1371/journal.pone.0174698>



South China Morning Post

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Tech / Innovation

## Shanghai judicial courts start to replace clerks with AI assistants

- The courts in Shanghai will use AI assistants to transcribe case notes, pull out files and present digitised evidence
- The six-month pilot programme is part of a broader effort to modernise China's judicial system through

## Supercharging Patent Lawyers With AI

How Silicon Valley's Lex Machina is blending AI and data analytics to radically alter patent litigation

"John Dragseth, a principal at Fish & Richardson (the most active IP litigation firm in the United States, according to Corporate Counsel magazine), credits Lex Machina's database with helping him spot meaningful but otherwise hidden trends in IP litigation—and he won't give details."



From Estonian AI judges to robot mediators in Canada, U.K.

By Tara Vasdani

This article was originally published by *The Lawyer's Daily*, part of LexisNexis Canada Inc.

Having previously written about Estonia's pilot AI judge, it cc a "robot mediator" has settled a court case for the first time, i embrace of legal technology and tools to efficiently and effec

The underlying dispute concerned unpaid fees of approximat

JOURNAL OF EMPIRICAL LEGAL STUDIES

*Journal of Empirical Legal Studies*  
Volume 9, Issue 3, 482-510, September 2012

## Predicting Securities Fraud Settlements and Amounts: A Hierarchical Bayesian Model of Federal Securities Class Action Lawsuits

Blakeley B. McShane, Oliver P. Watson, Tom Baker, and Sean J. Griffith\*

ROBO-JUDGE

## ESTONIA IS BUILDING A "ROBOT JUDGE" TO HELP CLEAR LEGAL BACKLOG



QUINCEMEDIA VIA PIXARAY/VICTOR TANGERMANN

PeerJ Computer Science

### Predicting judicial decisions of the European Court of Human Rights: a Natural Language Processing perspective

Artificial Intelligence | Computational Linguistics | Data Mining and Machine Learning  
Data Science | Natural Language and Speech

Nikolaos Altrous<sup>1,2</sup>, Dimitrios Tsarapatsanis<sup>2</sup>, Daniel Protopic-Petro<sup>4,5</sup>, Vasileios Lampos<sup>2</sup>

October 24, 2016

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Technical Note	2016	2016	2016	2016

PeerJ Computer Science

## China unveils its digital courts with AI judges and verdicts revealed on chat apps as Beijing introduces cyber justice to deal with backlog in cases

- China developed digital courts with virtual judges conducted over social media
- Hangzhou Internet Court uses online interface with verdicts given via web chat
- Litigants appear by video chat as AI judge with on-screen avatar hears the cases

By AFP  
PUBLISHED: 11:24 BST, 6 December 2019 | UPDATED: 15:18 BST, 6 December 2019

MIT Technology Review

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Tech policy / AI Ethics

## AI is sending people to jail — and getting it wrong

Using historical data to train risk assessment tools could mean that machines are copying the mistakes of the past.

by Karen Hao

January 21, 2019

AI LEARNS SPECIFIC TASKS  
AND NEEDS REAL LIFE DATA  
TO LEARN FROM

# AI RISKS REPLICATING HUMAN BIAS

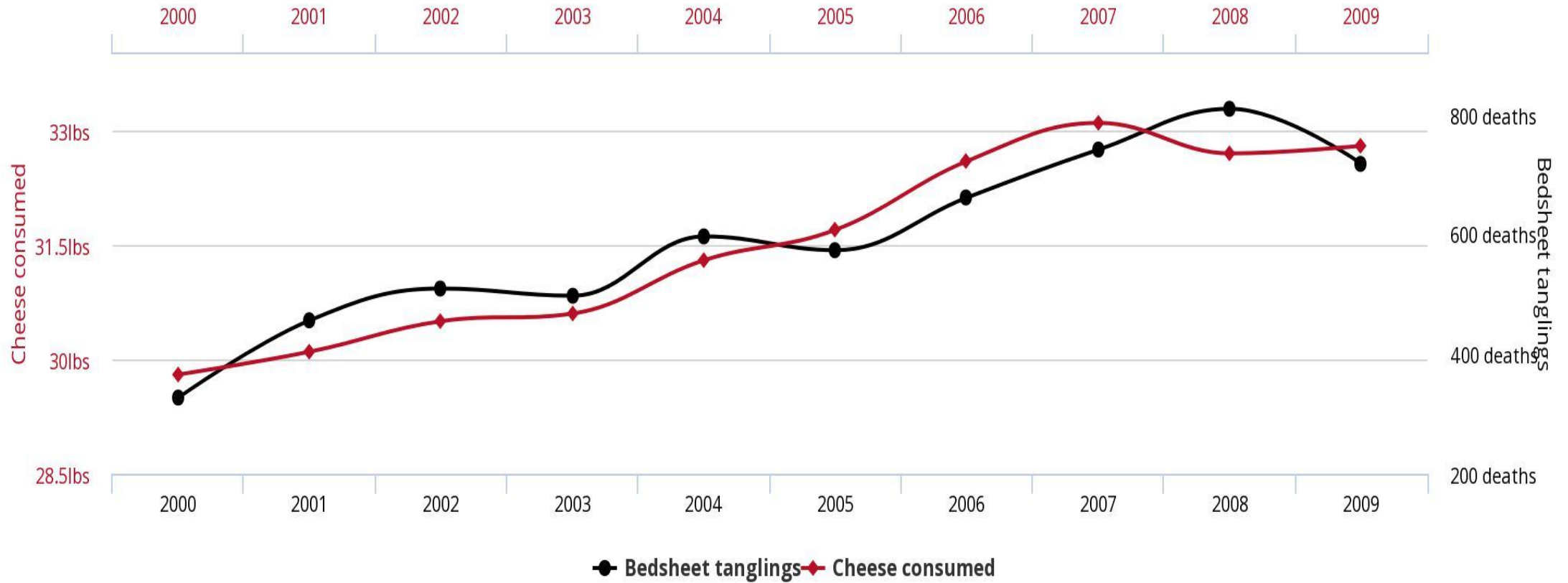
# AI STRUGGLE WITH CAUSATION AND CORRELATION



# Per capita cheese consumption

correlates with

## Number of people who died by becoming tangled in their bedsheets



AI LACKS IN TRANSPARENCY  
AND PREDICTABILITY -  
SHOULD WE PREVENT ITS USE?

1 - WE CAN'T STOP IT

2 - WE CAN MITIGATE THE RISKS

3 - TECHNOLOGY IS NEEDED TO  
ADDRESS ISSUES IN THE CURRENT  
JUDICIAL SYSTEM

POLICYMAKERS NEED  
TO UNDERSTAND AND  
ENABLE TECHNOLOGY

WHILE ENSURING WE  
CONTINUE TO PROTECT  
CORE LEGAL VALUES  
AND PRINCIPLES

THROUGH ASSESSING THE  
LEGAL MECHANICS THAT  
PROTECT THEM

(AND LET'S MAKE SURE IT'S  
NOT JUST LAWYERS IN THE  
ROOM WHEN WE DO)

THANK YOU

[lise.alm@chamber.se](mailto:lise.alm@chamber.se)