

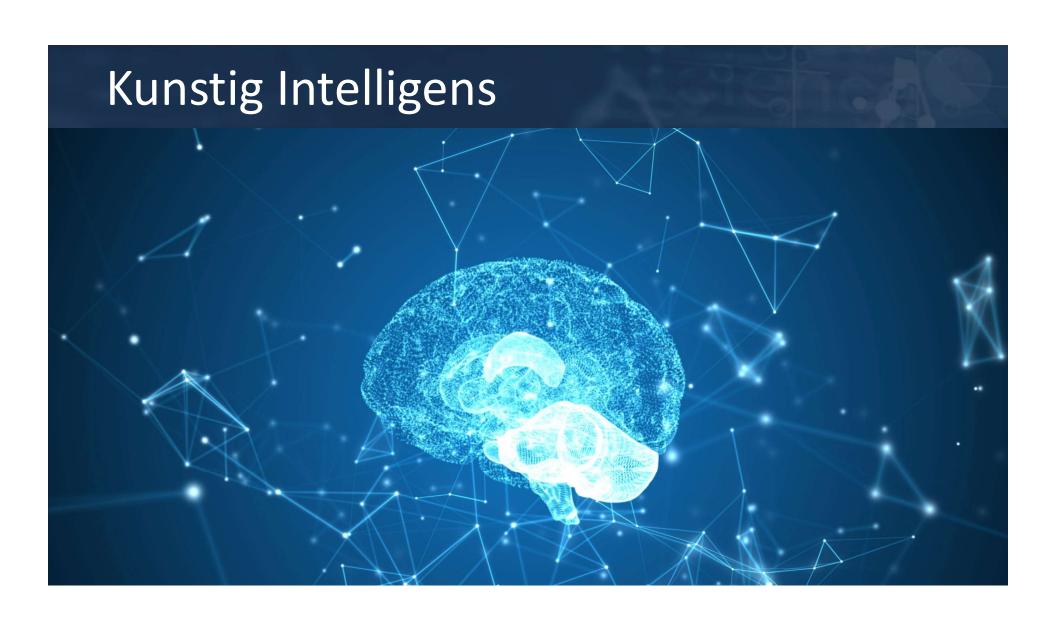
Kunstig Intelligens analyserer klinisk forskning???

Kim Kristiansen, Co-Founder Zignifica
Praktiserende Læge, Grindsted
TEDMED Research Scholar
Health Transformer at StartUp Health, New York

TWITTER:

Zignifica: @Zignifica

Kim Kristiansen: @DoloTest



Zignifica: Vores Mission

PRECISION-EVIDENCE



Precision-Evidence™

Troværdige og relevante kliniske forskningsresultater, der er relevante for den enkelte

- Patient
- Behandling
- Sygdom



Problemet er STORT

the same ...
in hoping for G.
imaginative and more
may be the case that the bulling and the practice of science require differentiate a system too focused on eliminating unfair discrimination also eliminates the reasonable discrimination required to make wise choices. While we could certainly introduce changes that made science worse, we could also purposefully introduce ones to make it better.

One option is to transplant into as many scientific disciplines as possible research practices that have worked successfully when applied elsewhere. Box 1 lists a few examples that are presented in more detail here.

Adoption of large-scale collaborative research with a strong replication culture [16] has been successful in several bio(ano, results [25], clinical trials reprobing of selective represent if not fully remedying show redundancy and allow better voof the evolution of the total corpus of researing a given field. Registration is currently proposed for many other types of research, including both human observational studies [26] and nonhuman studies [27].

Sharing of data, protocols, materials, and software has been promoted in several -omics fields, creating a substrate for reproducible data practices [28–31]. Proclaims of adherence

Reporting, review, pub.

ination, and post-publication .

research shape its reliability. There

pronth multiple efforts to impr

klinisk forskning går til ikke anvendelig information

85% af resourcer brugt på

Hvert 25 sekund bliver en ny lægevidenskabelig artikel publiceret

En praktiserende læge skal l dag bruge 29 timer l døgnet bare for at følge med

bare for at følge me

TID

Let adgang til relevant og troværdig evidens i daglidagens klinik

Mere tid til patienter



Så vi spurgte os selv...

Hvad nu hvis vi kan lave et

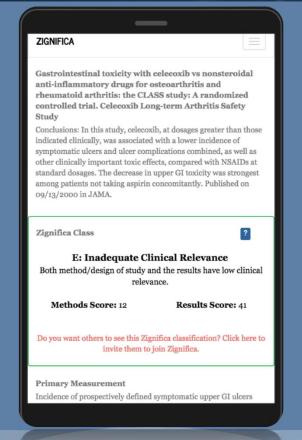
SPAM

FILTER

for medicinsk forskning



Det kunne vi godt...



Statistisk eller klinisk significans

Et studies resultat er ikke bedre end de data de bygger på

96% af publicerede artikler fra 1990 til 2015 har p < 0.05

Meget mere end p-værdi...

Zignifica™ 2017

Meta-analyser, Reviews, Guidelines



Der er en tsunami af meta-analyser og reviews

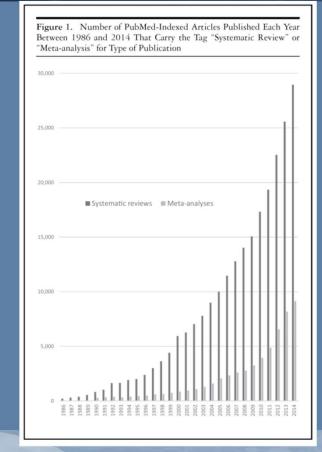
De præsenterer ofte modstridende anbefalinger

Guidelines baseres ofte på meta-analyser og reviews

Meta-analyser, Reviews, Guidelines

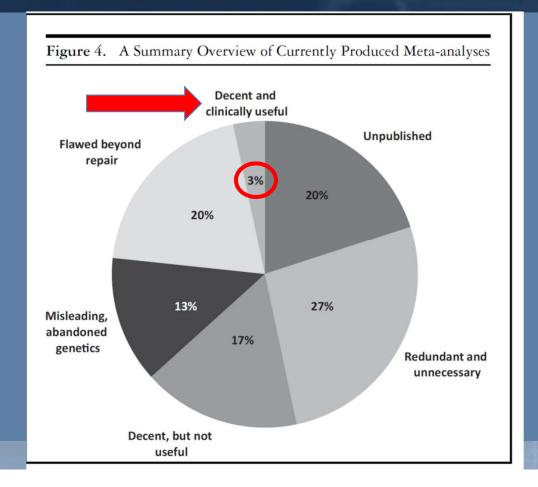
Som et eksempel:

185 meta-analyser blev publiceret i årerne 2007 til 2014 med ambefalinger for antidepressive medicin mod depression



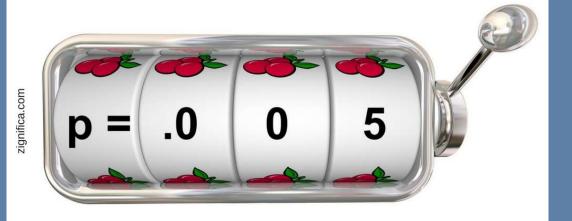
c Reviews and Meta-analys

Meta-analyser, Reviews, Guidelines



The Mass Production of Redundant, Misleading, and Conflicted Systematic Reviews and Metaloannidis JP. Milbank Q. 2016 Sep;94(3):485-514.

P<0.005???



Benjamin, D. J., Berger, J., Johannesson, M., Nosek, B. A., Wagenmakers, E.-J., Berk, R., ... Johnson, V. (2017, July 22). Redefine statistical significance. Nature Human Behavior, 01. SEP 017

Will Changing p-value Lead to Better Care?

>60 Data Points



Scores

The Data Analysis is Translated to Scores

Method/Design Score: 0-100

Result Score: 0-100

...and the to TEXT

ZIGNIFICA

Gastrointestinal toxicity with celecoxib vs nonsteroidal anti-inflammatory drugs for osteoarthritis and rheumatoid arthritis: the CLASS study: A randomized controlled trial. Celecoxib Long-term Arthritis Safety Study

Conclusions: In this study, celecoxib, at dosages greater than those indicated clinically, was associated with a lower incidence of symptomatic ulcers and ulcer complications combined, as well as other clinically important toxic effects, compared with NSAIDs at standard dosages. The decrease in upper GI toxicity was strongest among patients not taking aspirin concomitantly. Published on 09/13/2000 in JAMA.

Zignifica Class

?

E: Inadequate Clinical Relevance

Both method/design of study and the results have low clinical relevance.

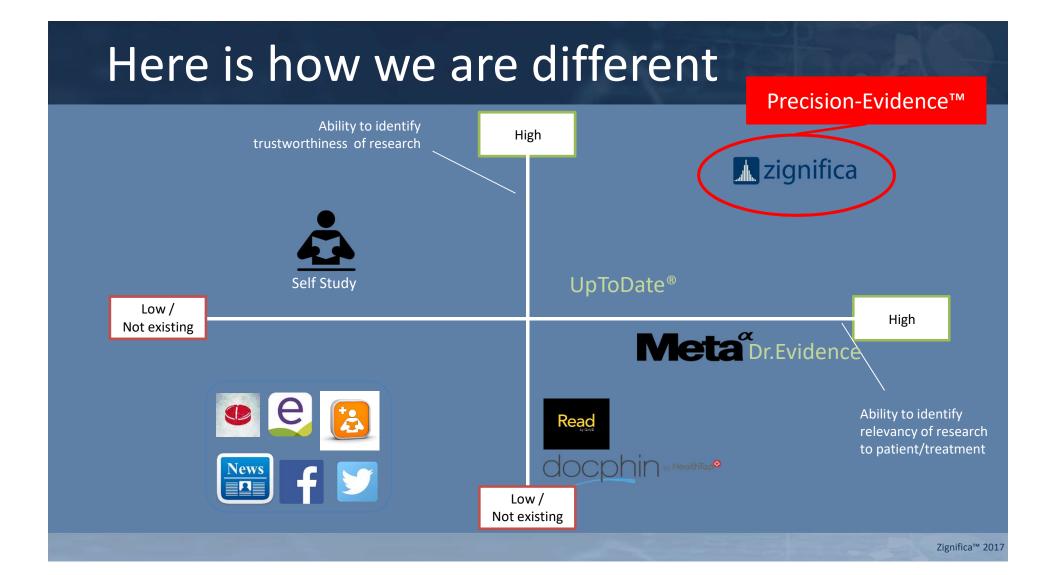
Methods Score: 12

Results Score: 41

Do you want others to see this Zignifica classification? Click here to invite them to join Zignifica.

Primary Measurement

Incidence of prospectively defined symptomatic upper GI ulcers



Status...



Basing Treatments on Trustworthy Evidence

Zignifica™





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