



share and move to face nasty bugs

HOW CAN HEALTH INFORMATION BE RETRIEVED IN THE WEB?

Alberto E TOZZI (Chief Innovation Officer, BAMBINO GESU' CHILDREN'S HOSPITAL)

LAY PUBLIC ENGAGEMENT

The ASSET FINAL EVENT

Share and move for mobilization and mutual learning at local, national and international levels on Science in Society related issues in epidemics and pandemics

Rome, 30-31.10.2017

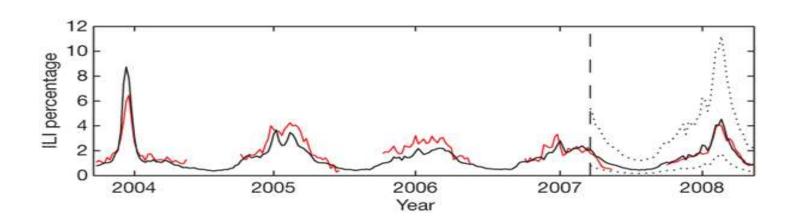


co-funded by the EU. GA: 612236

www.asset-scienceinsociety.eu

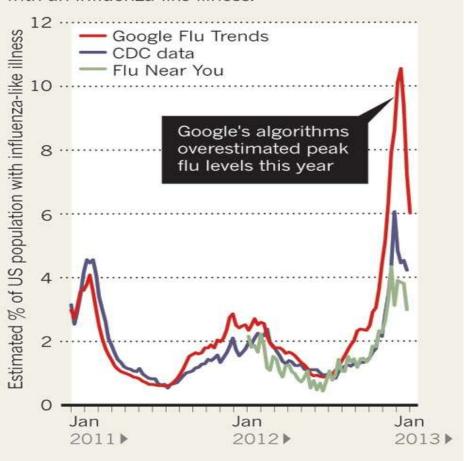
Google

flu



FEVER PEAKS

A comparison of three different methods of measuring the proportion of the US population with an influenza-like illness.





HalloweenSuxxx @hewbz



My doctor is so nice. She always makes me feel like everything is going to be ok. By the way I got the <u>flu</u>





Think I might be getting sick. Body starting to ache and cough like crazy. Ain't nobody got time for that. Need to get my flu shot.







Allergy season, it's time for puffy dry eyes, runny nose, itchy throat and constant sneeze #wouhouuu #welcomespring2015 be nice this year 😤

- Visualizza traduzione
- Montréal, Québec











08:41 - 20 mar 2015







Dear Allergies - Screw you and leave me alone.

Dear Zyrtec and Flonase - I love you.

Visualizza traduzione













PREFERITI

12















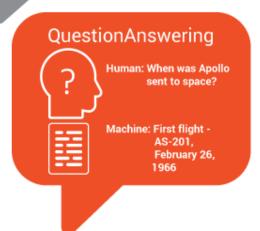








Natural Language Processing



How to provide information on vaccines that has a real impact?

Desirable attributes for vaccine information

Reliable

Trustworthy

Timely adapting to context

Tailored to needs

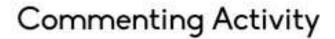
Easy to understand

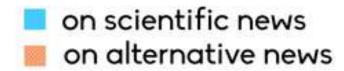
Engaging

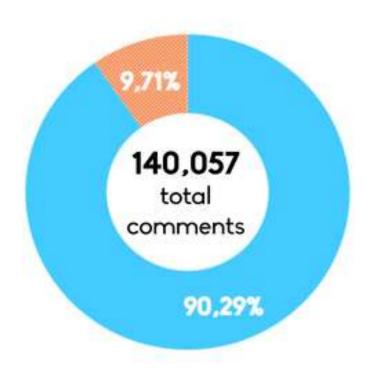
Interactive

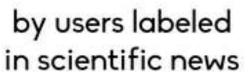
How does the public on the web react to scientific information?

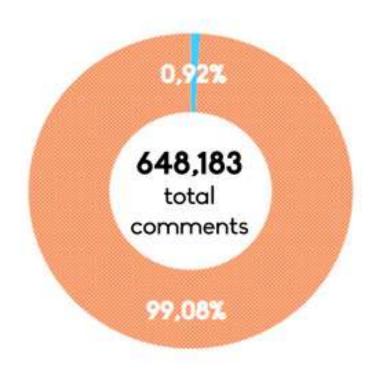
Fig 5. Activity and communities.











by users labeled in alternative news

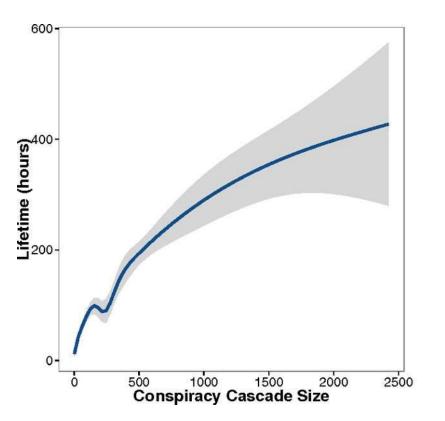
Bessi A, Coletto M, Davidescu GA, Scala A, Caldarelli G, et al. (2015) Science vs Conspiracy: Collective Narratives in the Age of Misinformation. PLoS ONE 10(2): e0118093. doi:10.1371/journal.pone.0118093

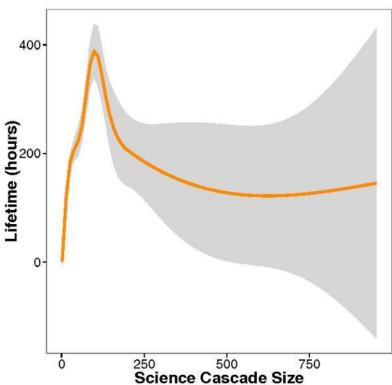
http://journals.plos.org/plosone/article?id=info:doi/10.1371/journal.pone.0118093



What is the dynamics of true and false information on social networks?

Lifetime as a function of the cascade size for conspiracy news (Left) and science news (Right).

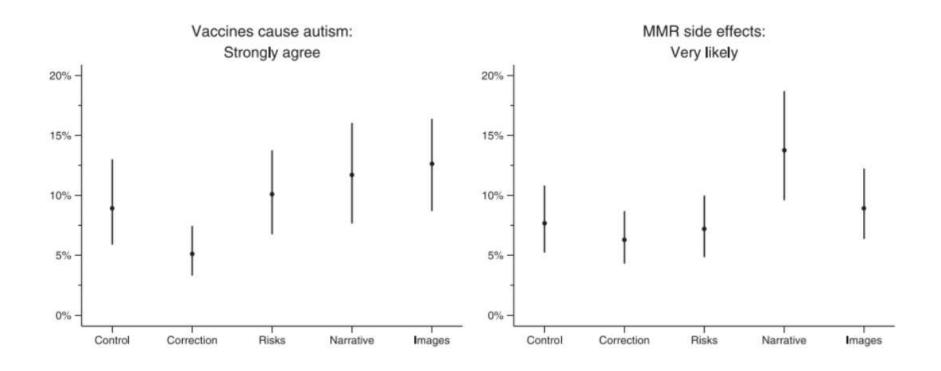




Michela Del Vicario et al. PNAS 2016;113:554-559

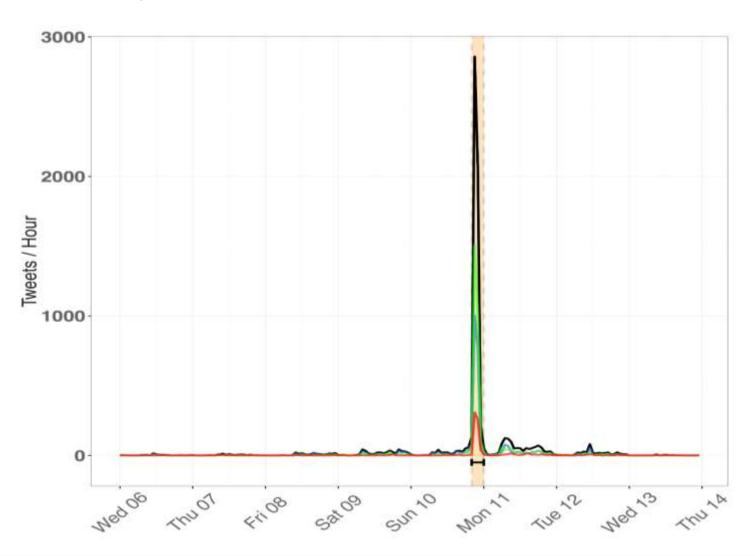
Does debunking of fake news work?

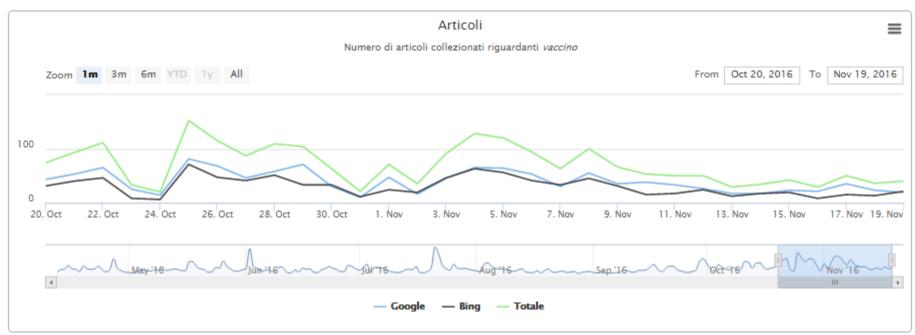
Debunking does not improve attitude towards vaccines

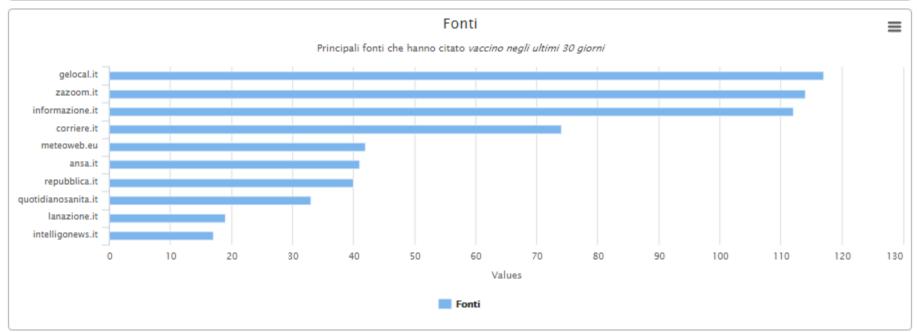


Let's start media surveillance!

Response to a TV show about vaccines







We must integrate different information sources

Vaccine Safety Net

A global network of websites, **evaluated by the WHO**, that provide reliable information on vaccine safety

55 websites

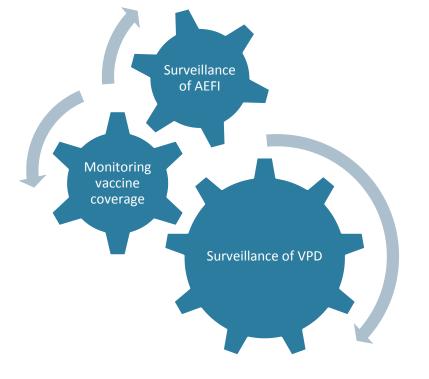
15 languages

152 million estimated visitors per month











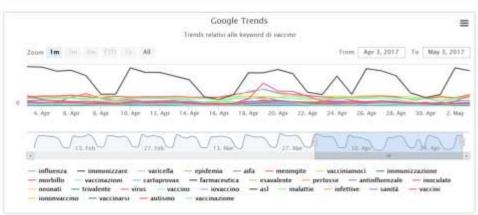
Tweet

Numero di tweet collezionati riguardanti vaccino

From Mar 9, 2017

To Jun 9, 2017

Vaccino News, Social e Video



Data source: Google Trends (www.google.com/trends)



- Tweet - Retweet - Totale

Zoom Im 3m 6m YTD All

Data driven communication