Using Social Media for Public Health Intelligence

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UN Global Pulse

About UNGP

UN Global Pulse

Global Pulse is the United Nations Secretary-General's initiative on big data and artificial intelligence. Our vision is a future in which big data is harnessed safely and responsibly as a public good. Our mission is to accelerate discovery, development and scaled adoption of big data innovation for development, humanitarian action and peace.

Social Media Monitoring of Discrimination and HIV Testing
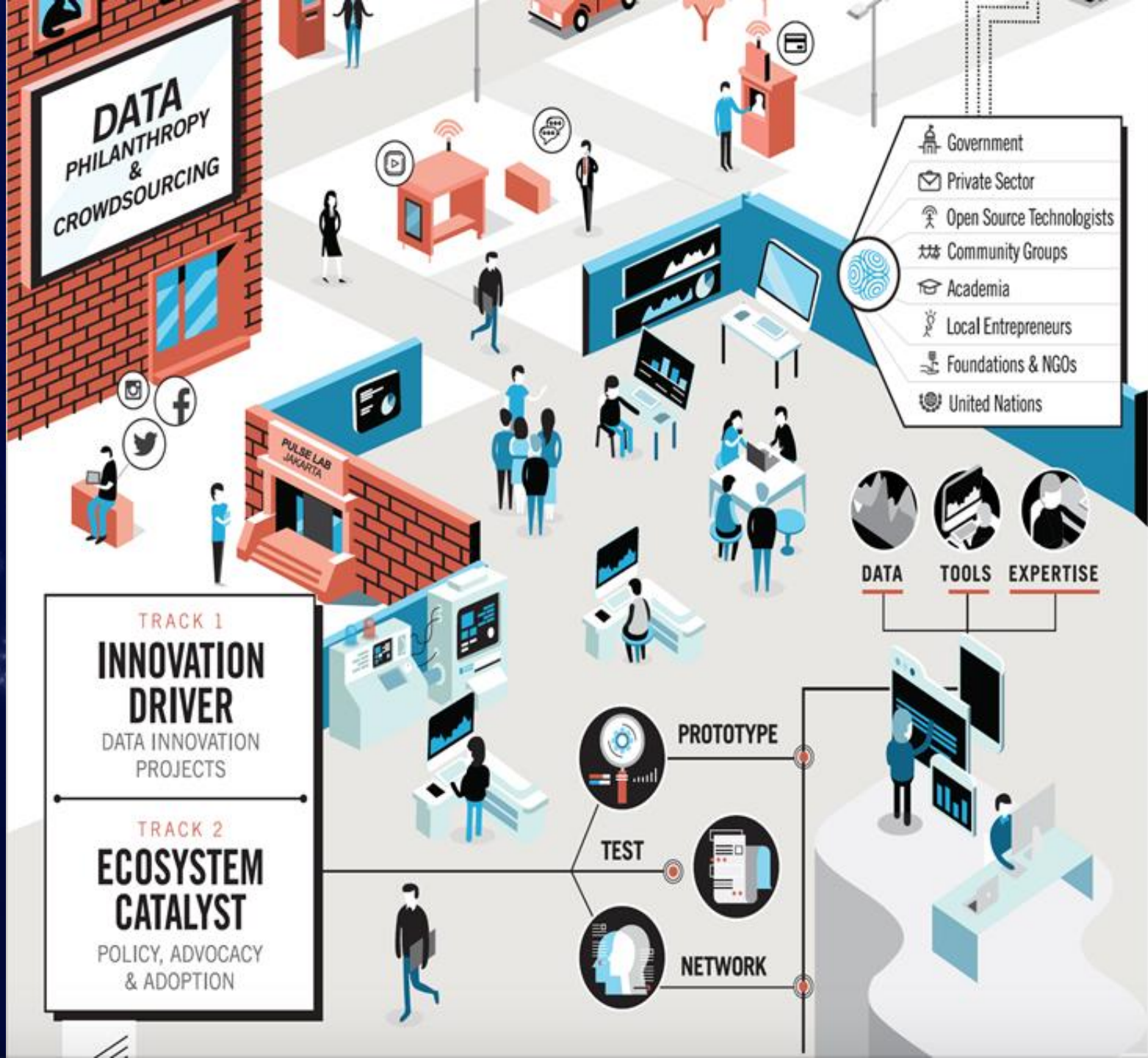
Social Media Monitoring of Discrimination and HIV Testing

All tweets in the world
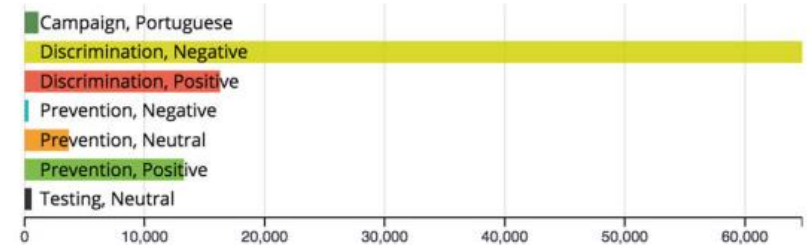(approx. 500 million/day)

Tweets including
HIV/AIDS keywords

… from Brazil

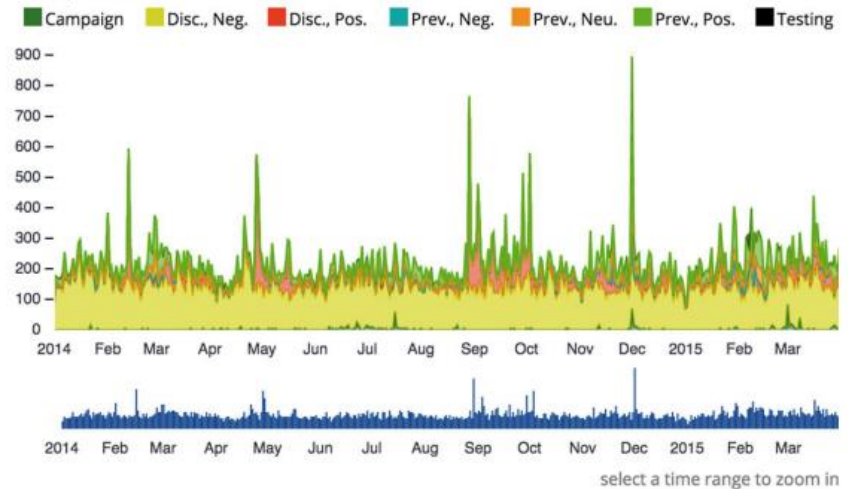# Social Media Monitoring of Discrimination and HIV Testing

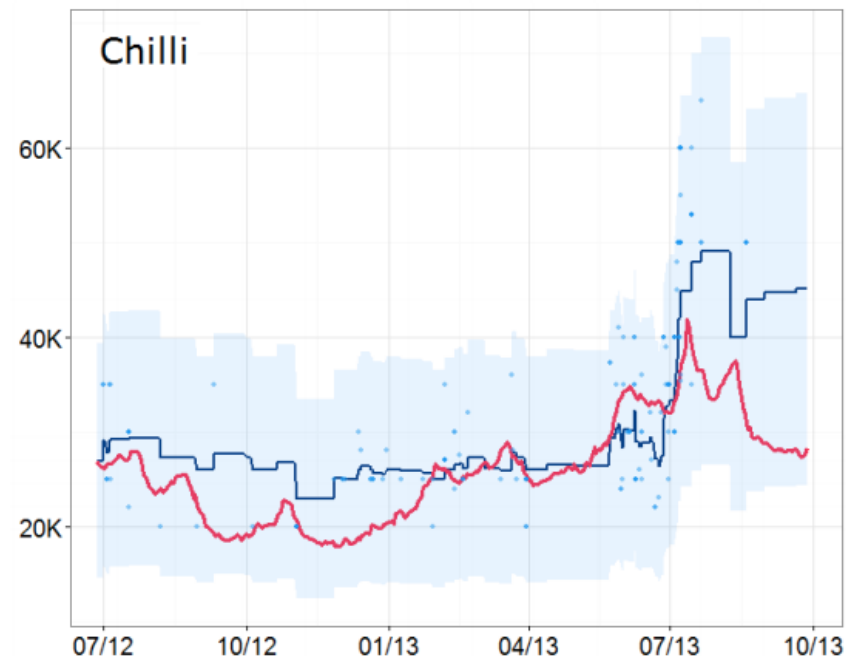Nielsen, R.C., Luengo-Oroz, M., Mello, M.B. et al. AIDS Behav (2017) 21(Suppl 1): 114.
https://doi.org/10.1007/s10461-017-1753-2

Nowcasting Food Prices with Twitter in Indonesia

Source: The Star Online
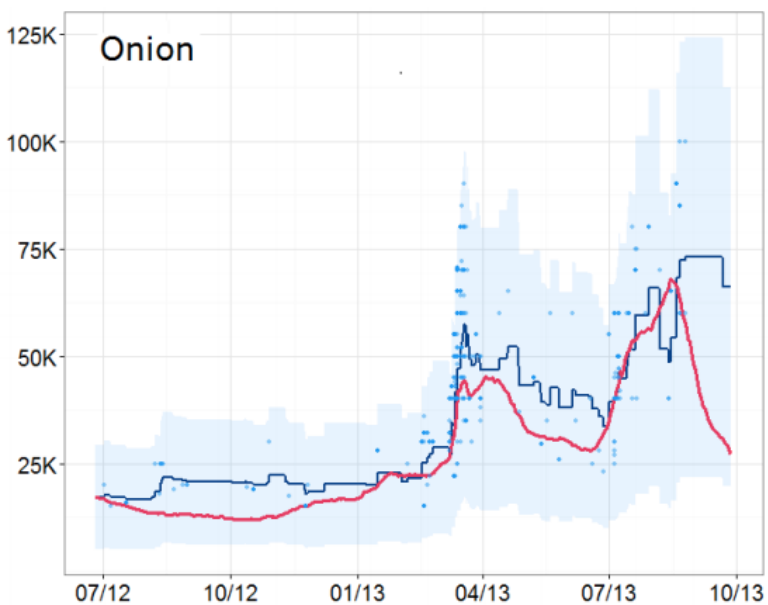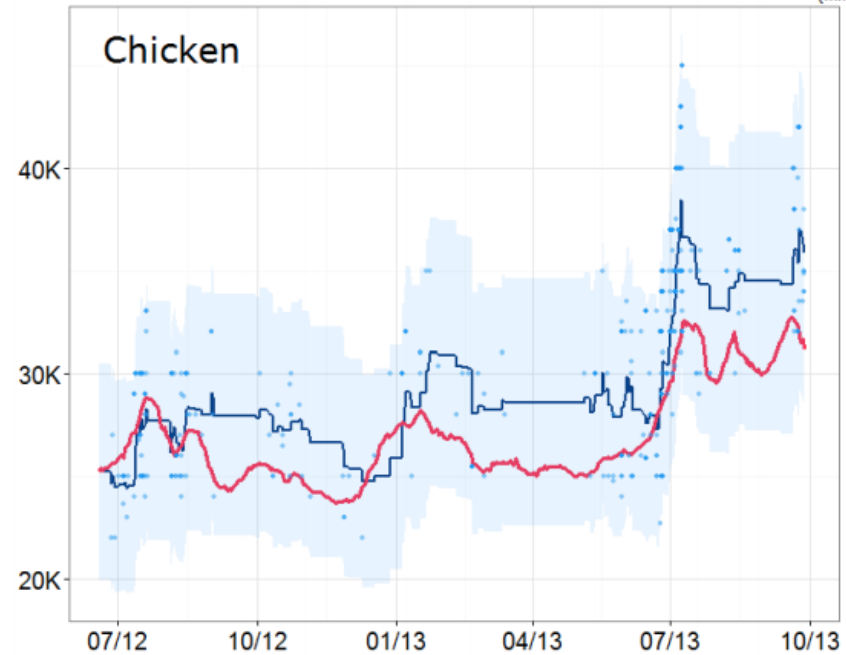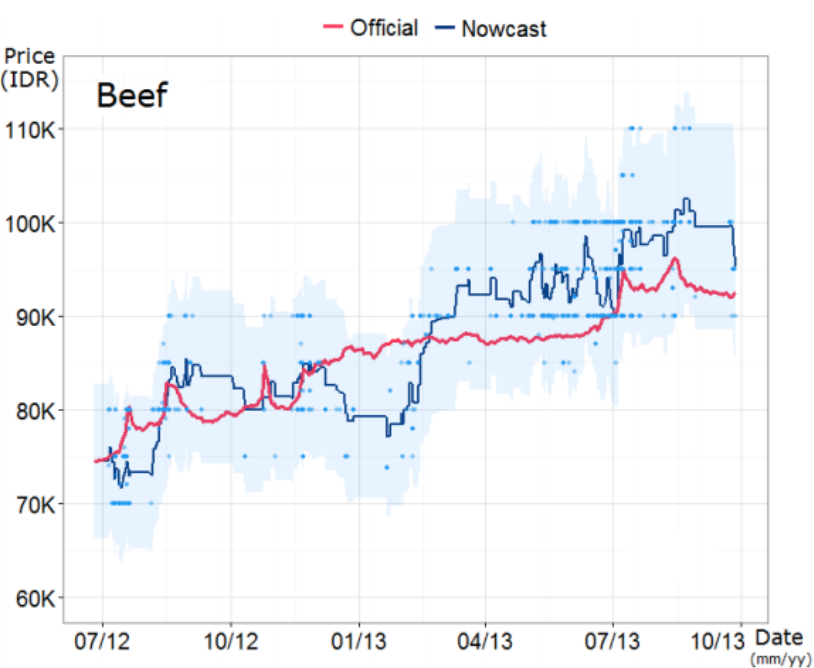
Kim, Jaewoo, Meeyoung Cha, and Jong Gun Lee. "Nowcasting commodity prices using social media." *PeerJ Computer Science* 3 (2017): e126.
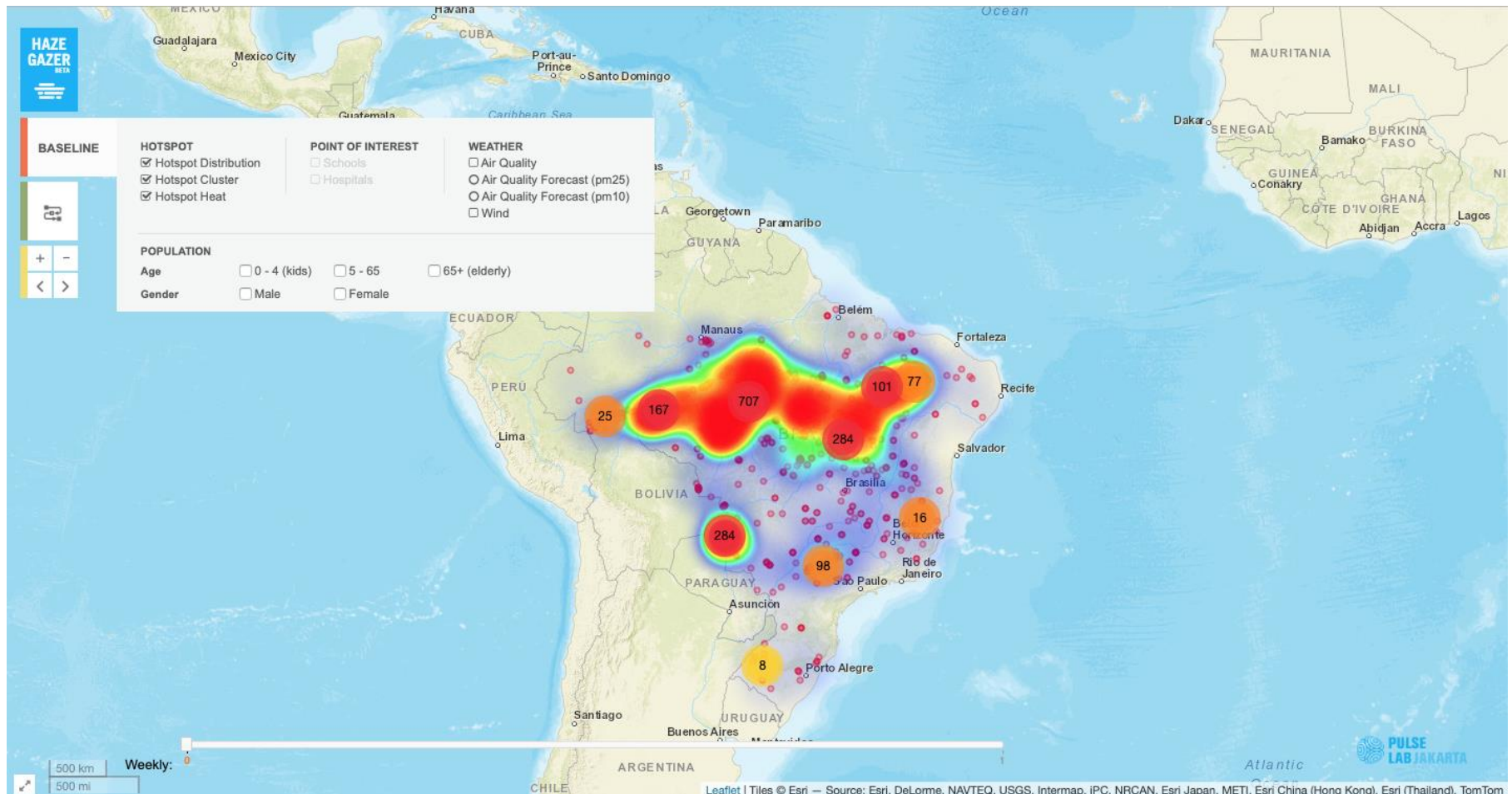
Hazegazer

Source: REUTERS TANOTO

Hazegazer

http://hazegzer.org/

Qatalog

- Query
- Assign
- Tag
- Analyze
- Log

Qatalog

Qatalog

Radio

Automatic speech recognition for
mining public radio broadcasts
in indigenous languages.

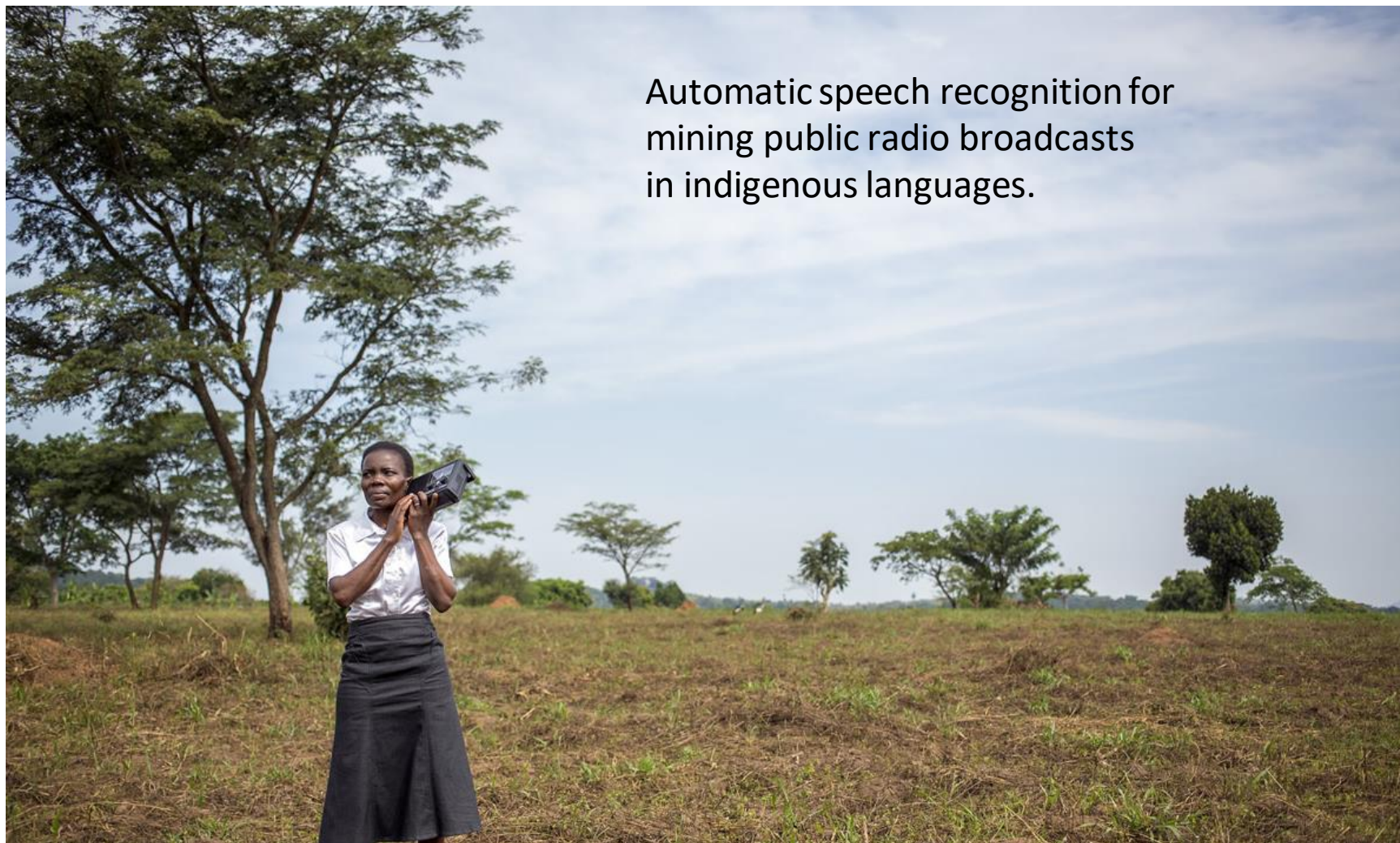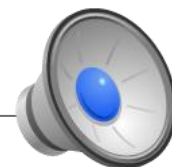# Radio

Monitoring systems (continued).

**Disease outbreak:** A listener participated in a call-in show aired by 106.5FM Kampala (September 2017) talk about his suspicion about a possible anthrax outbreak ("...I was actually tempted to think that the source of the anthrax outbreak in West Nile was due to the animals that entered our country (to refugee settlements) without being screened...").

Many attempted health interventions are resisted and hindered due to circulating rumors and misconceptions. To address this, it is important that healthcare delivery programs understand the rumors and their context.
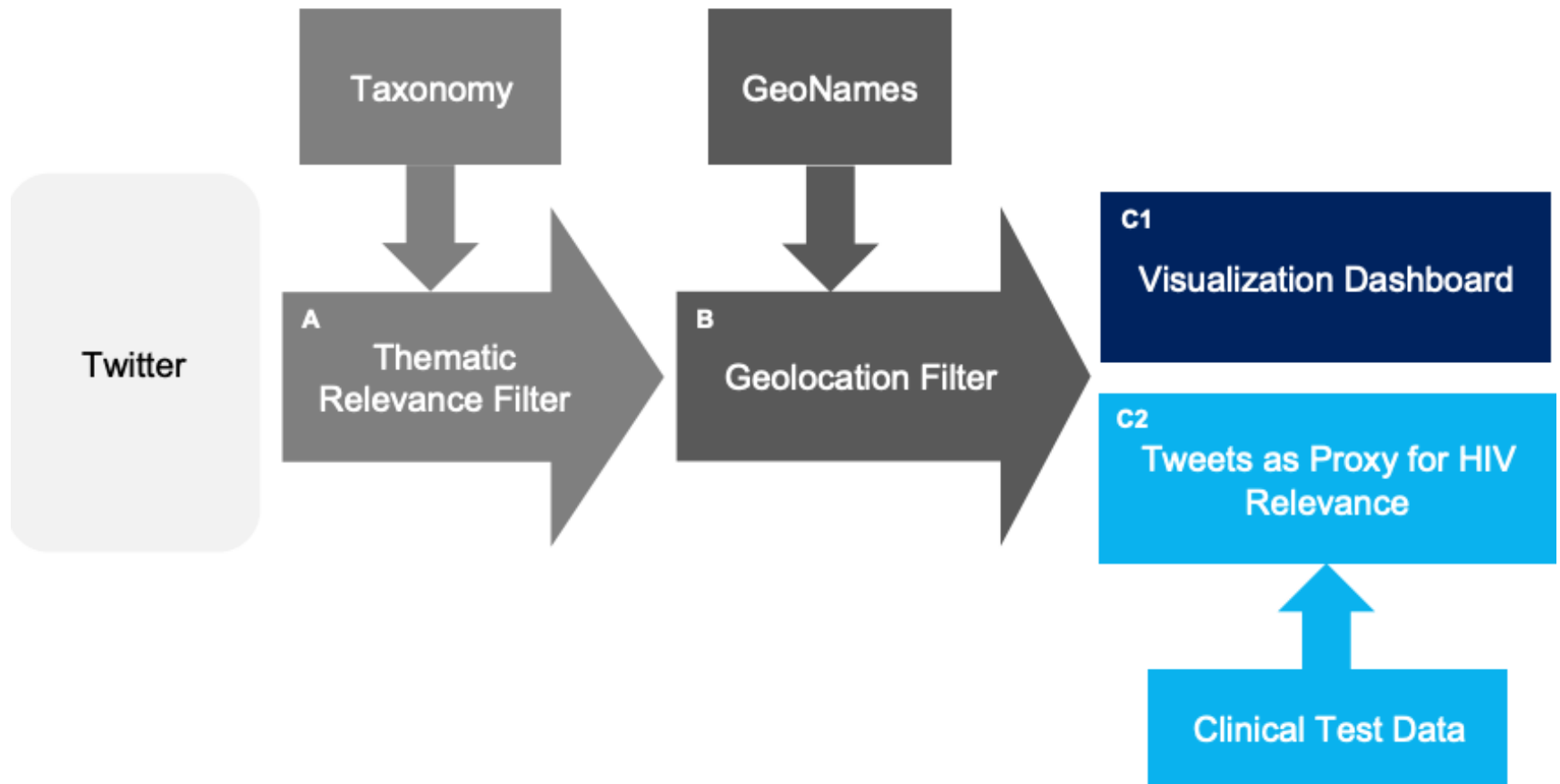
DEMO: https://www.unglobalpulse.net/radio_presentation/
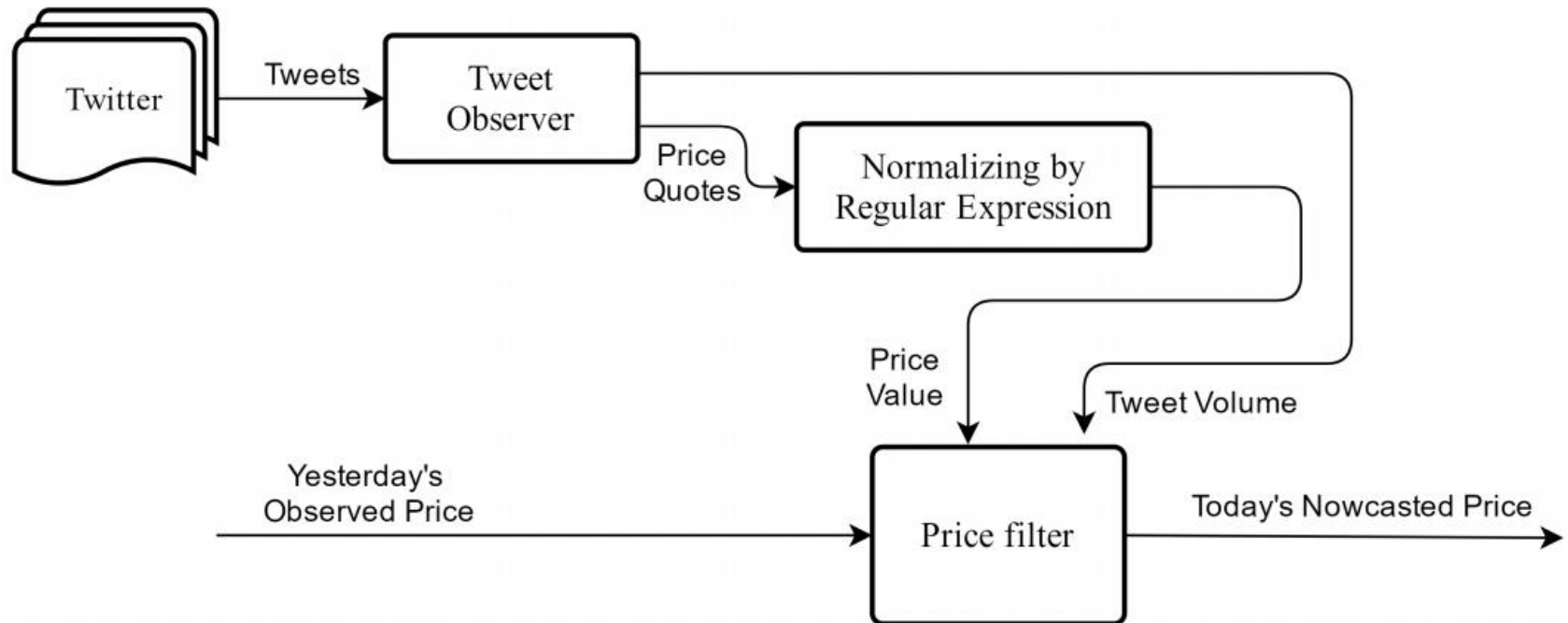
Thank You
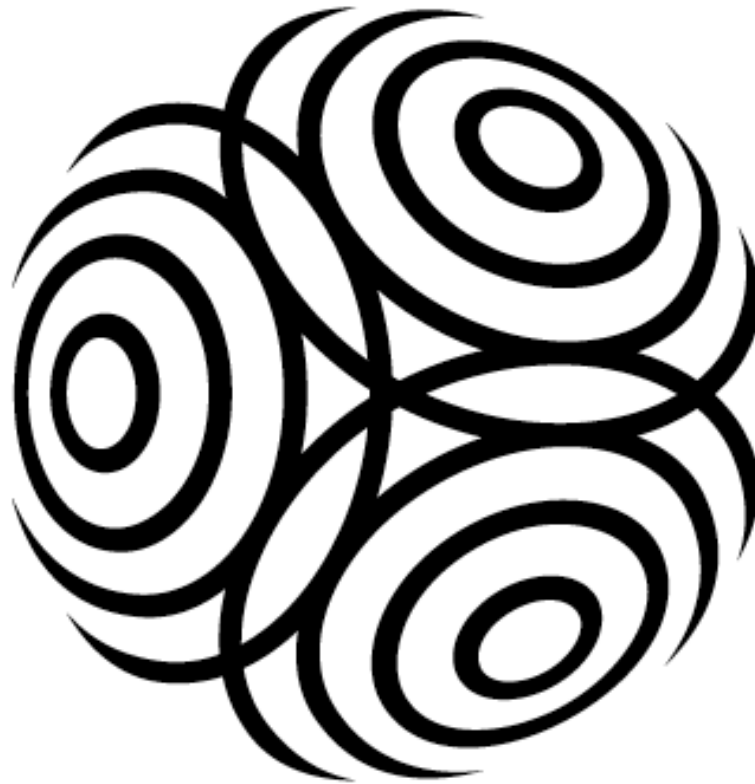
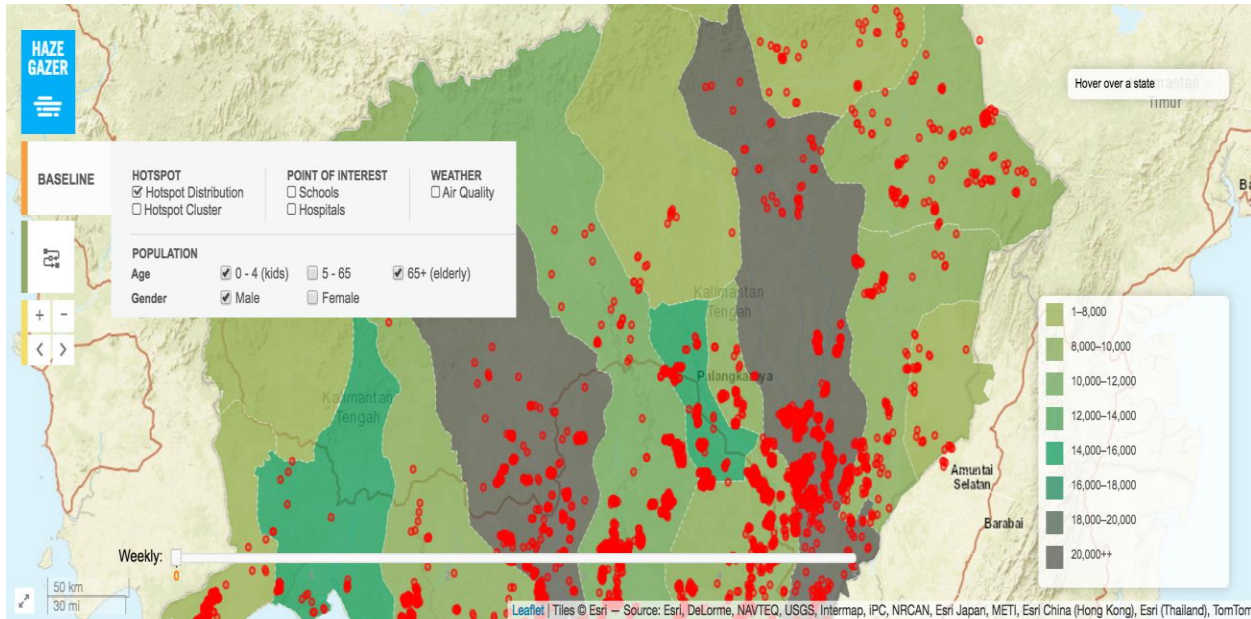# Social Media Monitoring of Discrimination and HIV Testing

Nowcasting Food Prices with Twitter in Indonesia

Haze Gazer
Real-time hotspot detection and impact assessment

http://hazegazer.org