11th World Telecommunication/ICT Indicators Symposium (WTIS-13)

Mexico City, México, 4-6 December 2013



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Contribution to WTIS-13

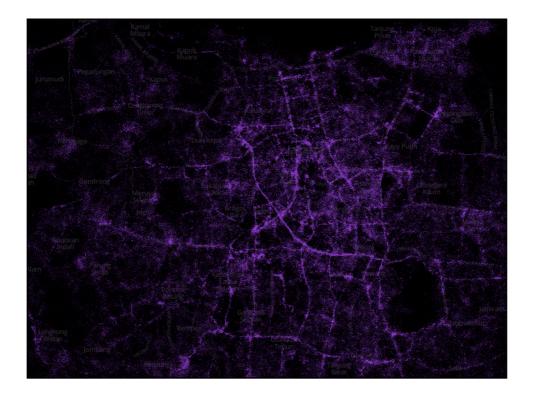
SOURCE: UN Global Pulse

TITLE: Big Data in Real Time: Toward a New Evidence Base for Impact

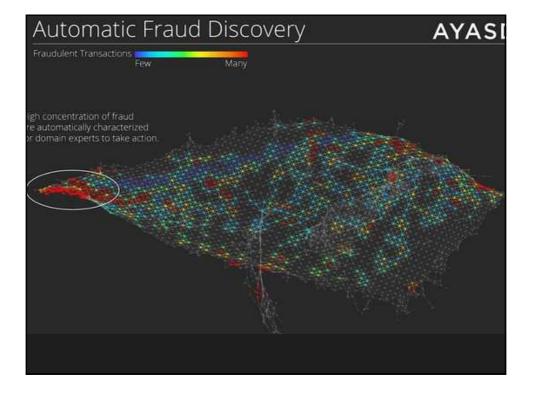


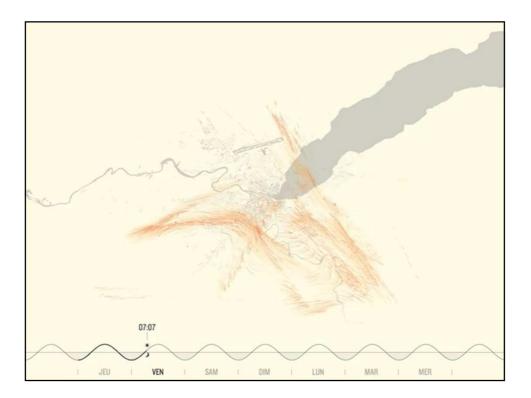




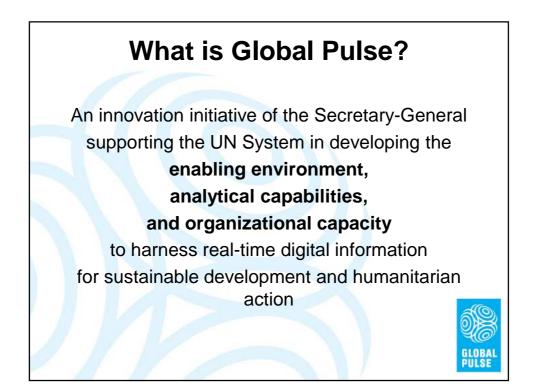










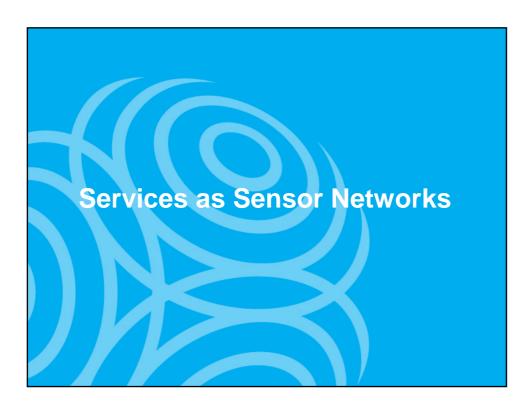


HYPOTHESIS:

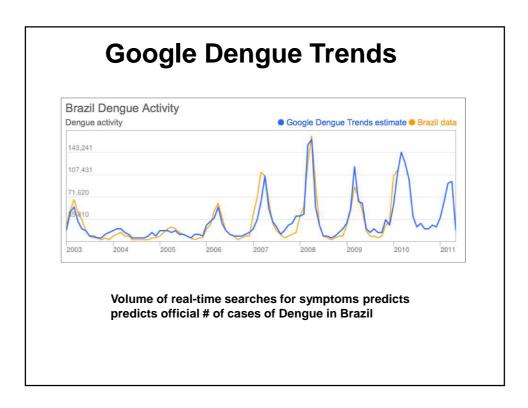
When people's needs change, they change how they use digital services, and these changes leave recognizable patterns in big data...in real time.

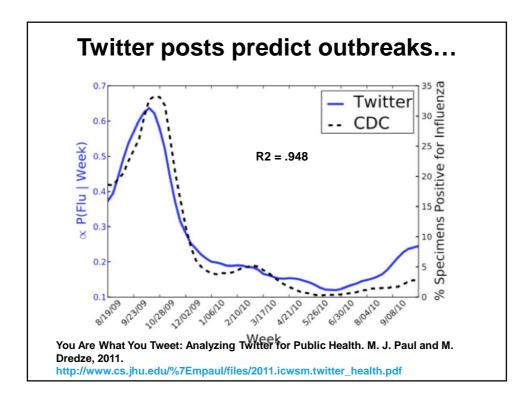


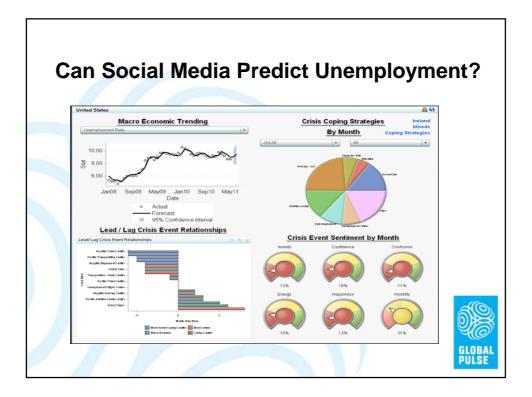


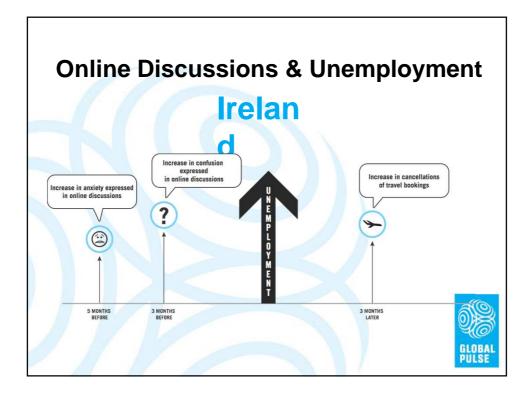


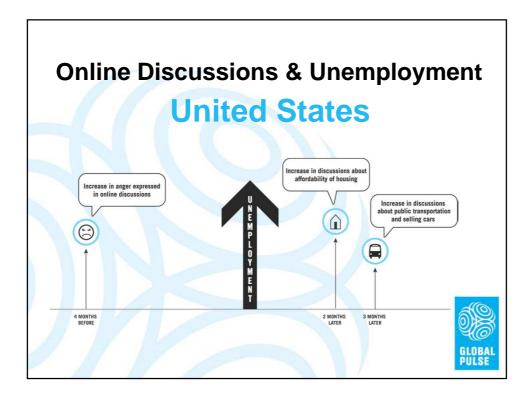
	Calling Dr. Google	
Google	itchy bumps on my itchy red bumps on my face itchy red bumps on my legs itchy red bumps on my feet itchy bumps on my finger	Ŷ
Google	why do i why do i sweat so much why do i bruise easily why do i fart so much	Ŷ
13	why do i feel dizzy	GLOBAL PULSE

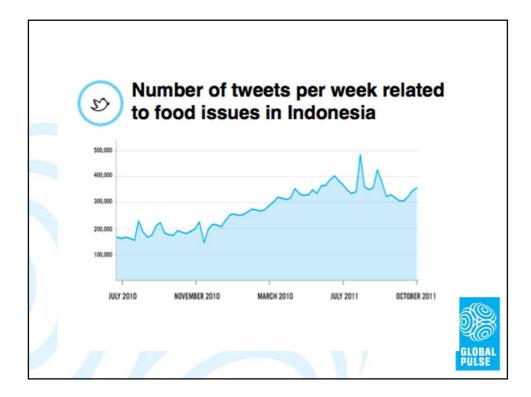


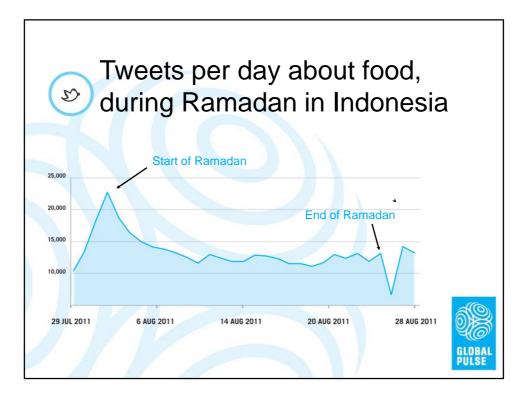


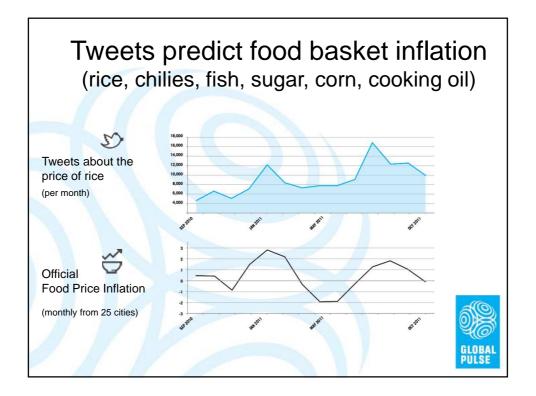


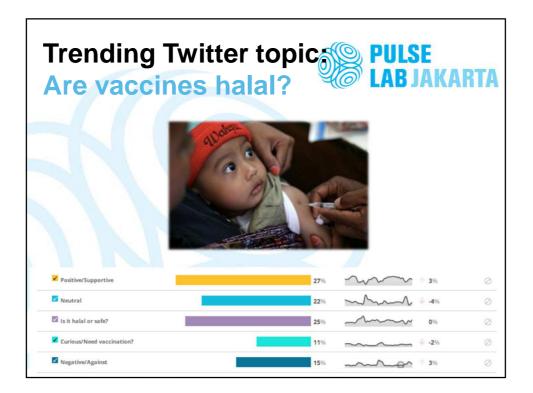


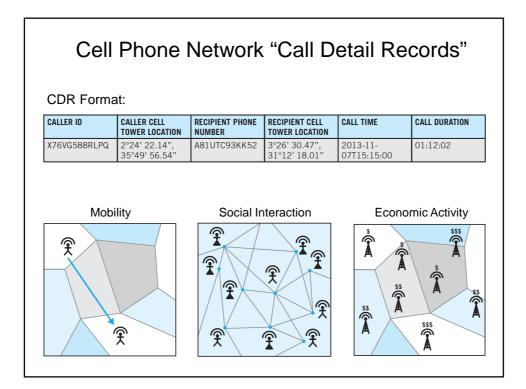


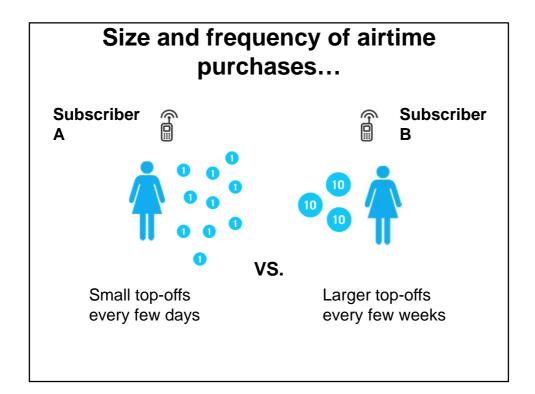


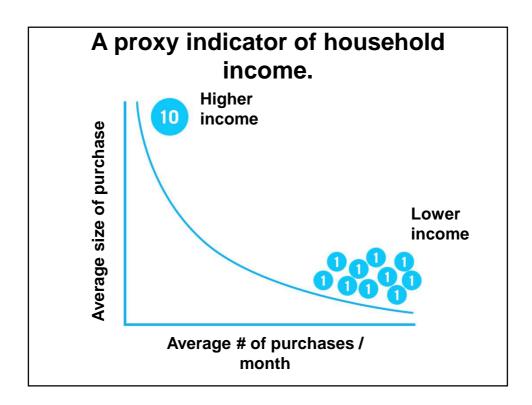


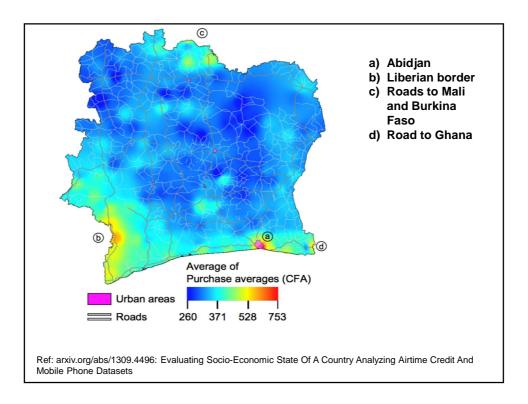


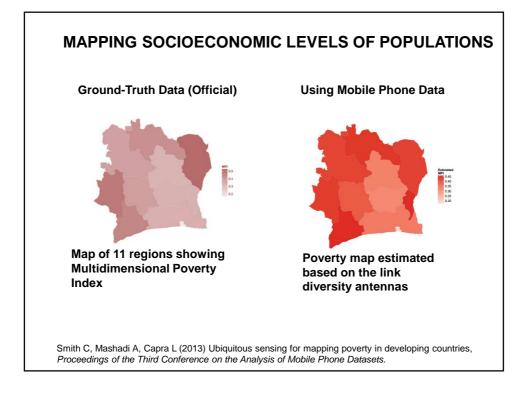


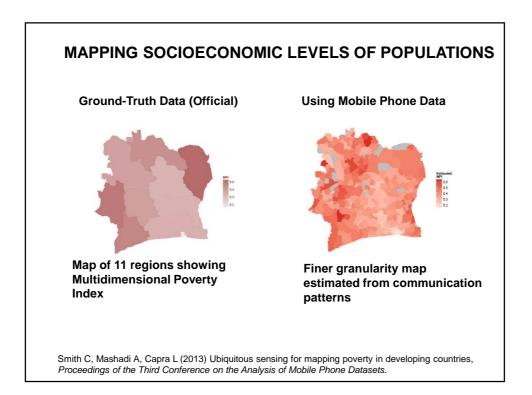


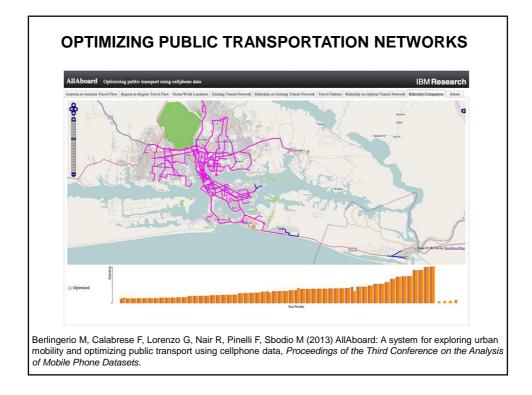


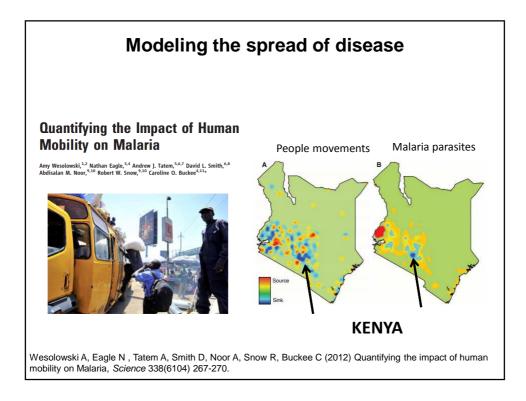


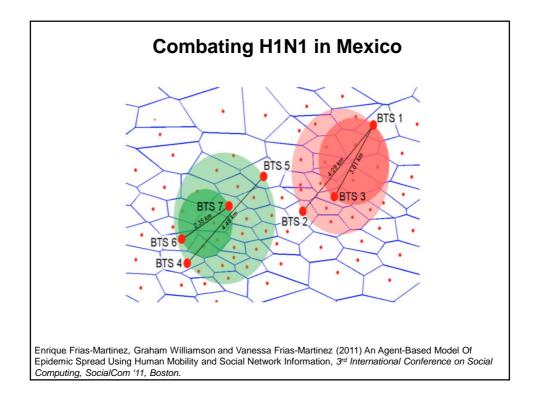


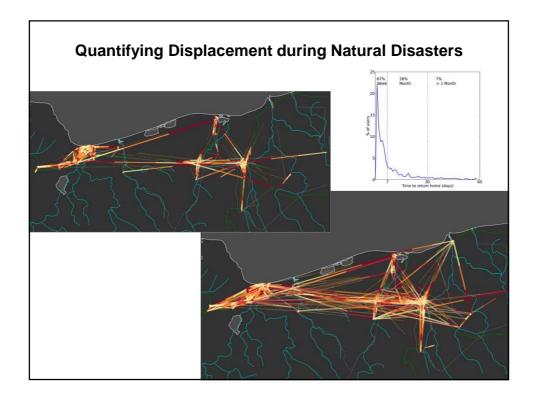














Big data represents an extraordinary opportunity to improve the lives of people everywhere...



...unless we fail to protect their privacy in the process.

Big data is also the greatest human rights issue of our generation.







Towards a Risk-Based Approach

- 1. Privacy is a human right.
- 2. So is access to food, water, health, shelter, education...
- 3. You will be held accountable for how you use big data.
- 4. You will also be held accountable for failing to use it.
- 5. Re-identification risk is always non-zero







