OpenData4Health.org

Lessons from humanity for humanity!

Following a proof of concept in 2015-2016… a longer term project

Cancer risk

$$Y = f(X)$$

risk/protection factors

Cancer Baseline

$$Y = f(X)$$

Epidemium Season 1, 120 volunteers gathering data from different countries and modelling Y=f(X)
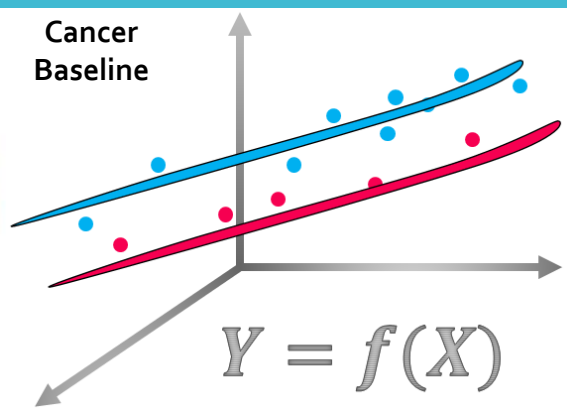
• Deepen the analysis for one country
• Build a community to deepen & enlarge analysis to other countries over time
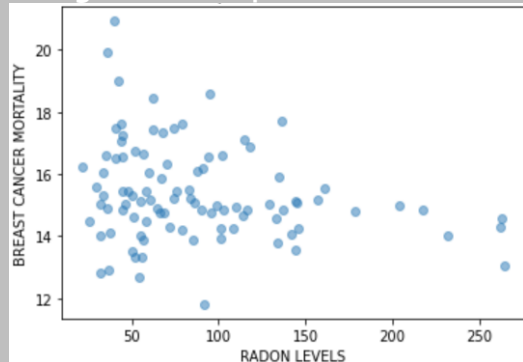• Highlight issues & solutions and suggest changes

Reasons to believe
Antoine Flahault: _Notre santé a besoin d'un atlas et de données publiques_
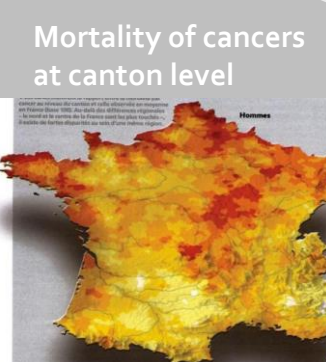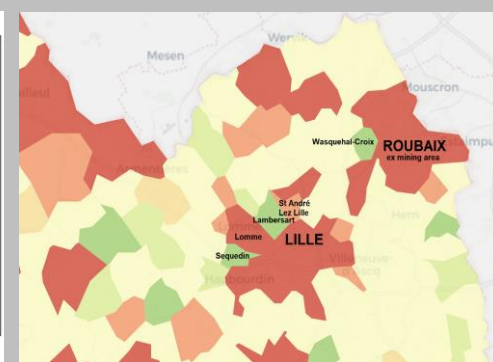Citizens & authorities together: _Des dioxines à Lausanne !_

smoking — PM 2.5

over / under mortality VS ?

arsenic

pesticides

a) General insight
b) Specific cases
& disease contributions cancer

medical practice

medical deserts

alcohol

wealth

INTERNATIONAL LONGEVITY ALLIANCE

HEAlthy Life Extension Society

World Talent Economy Forum

AGIR — Action for Genomic Integrity through Research — Providing Information and Promoting Research www.genomicintegrity.org

newclin

Lessons learned so far

Not granular ➜ spurious correlations

Granular ➜ statistics needed

City SMR vs 3std if mortality force was uniform

number of inhabitants
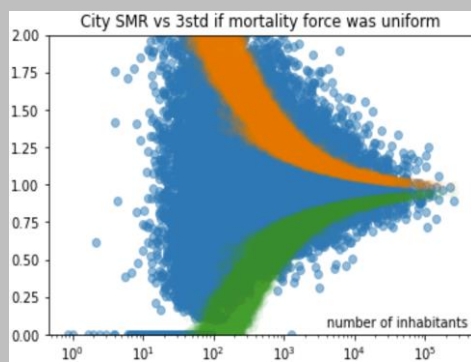
Wealth // behaviors: the case of Lille

ROUBAIX ex mining area

Wasquehal-Croix
St André
Lez Lille
Lambersart
Lomme
LILLE
Sequedin

Mortality of cancers at canton level

& of diseases at department level

Hommes

Insern CépiDc Centre d'épidémiolo causes médicales

NEOS – how to use geographic factors

=f(X)