



Catherine D'Ignazio
Assistant Professor of Urban
Science & Planning
Director, Data + Feminism Lab
MIT
@kanarinka



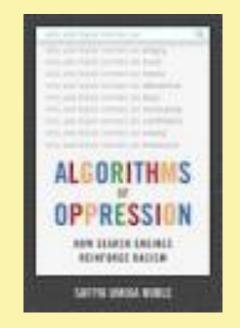
Lauren F. Klein
Associate Professor
Director, Digital Humanities Lab
Emory University
@laurenfklein

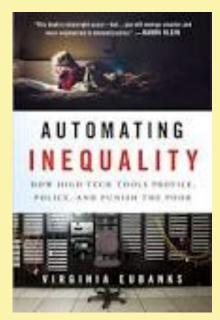
"Data is the new oil."

- The Economist, Intel CEO, Reliance Industries CEO, UAE Minister of Artificial Intelligence, Google execs, etc etc men men men

"Data is the same old oppression."

- Women of color, white women, Indigenous people, immigrant communities, LGBTQ+ individuals, + more...

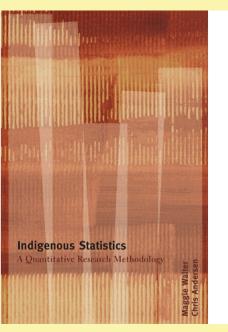
















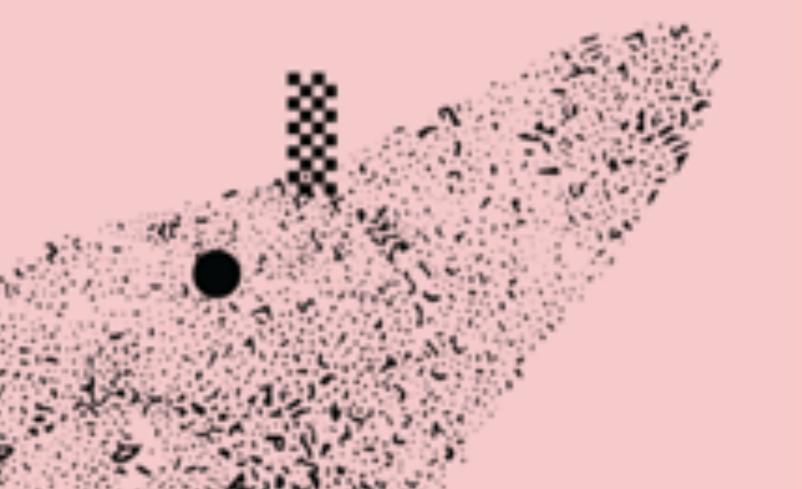
Merriam-Webster's Word of the Year for 2017 is *feminism*. The word was a top

lookup throughout the year with coveral chikes that corresponded to various

Feminist: the person who believes in equal rights for men and women and non-binary people.

- Beyoncé (mostly)

Feminism: organized activity on behalf of women's and non-binary people's rights and interests.



- Merriam Webster (mostly)

Feminism: the theory of the political, economic, and social equality of the sexes.

- Merriam Webster

Intersectional feminism is not only about women and gender.

It is about <u>power</u> - who has it and who doesn't.

Intersectionality is a concept out of Black feminism, including the Combahee River Collective (1974-1981) and Kimberlé Crenshaw (1989).





In today's world, data is power.

Intersectional feminism, when applied to data science, can help that power be challenged and changed.

7 Principles of Data Feminism

Examine power

Challenge power

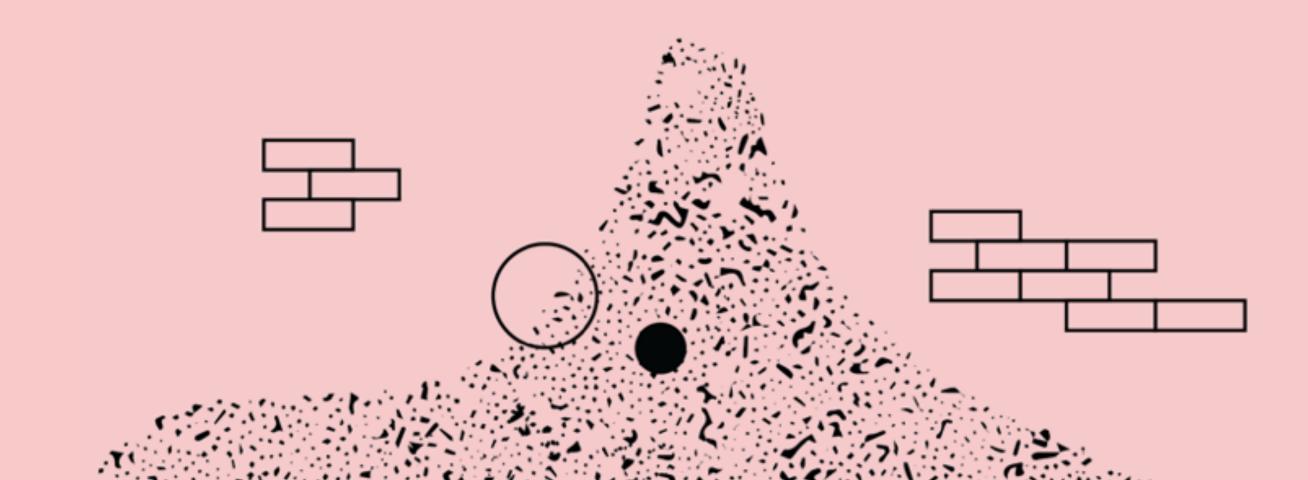
Rethink binaries and hierarchies

Legitimize embodiment and affect

Embrace pluralism

Consider context

Make labor visible





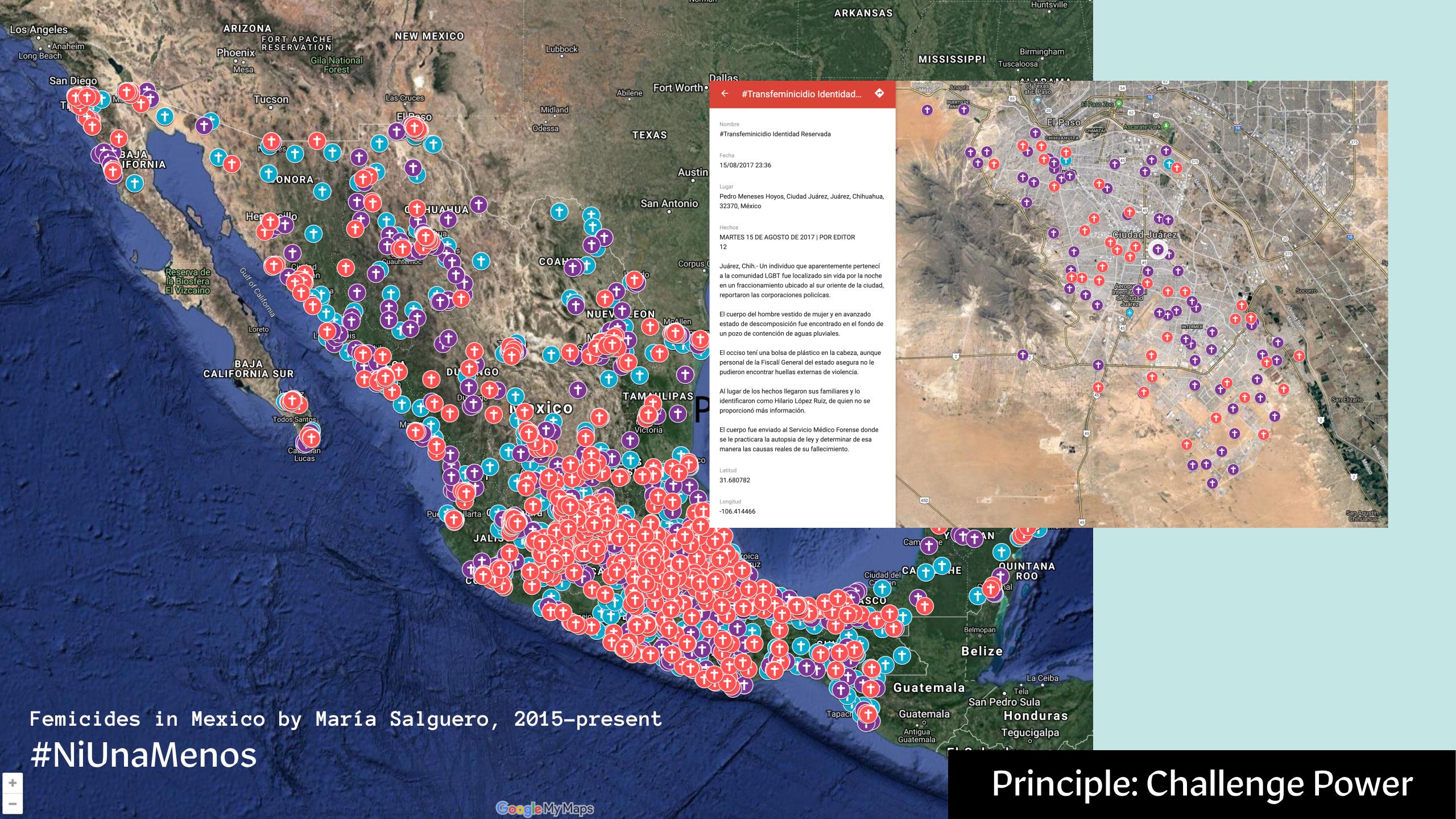
The Library of Missing Datasets by Mimi Onuoha, 2016.

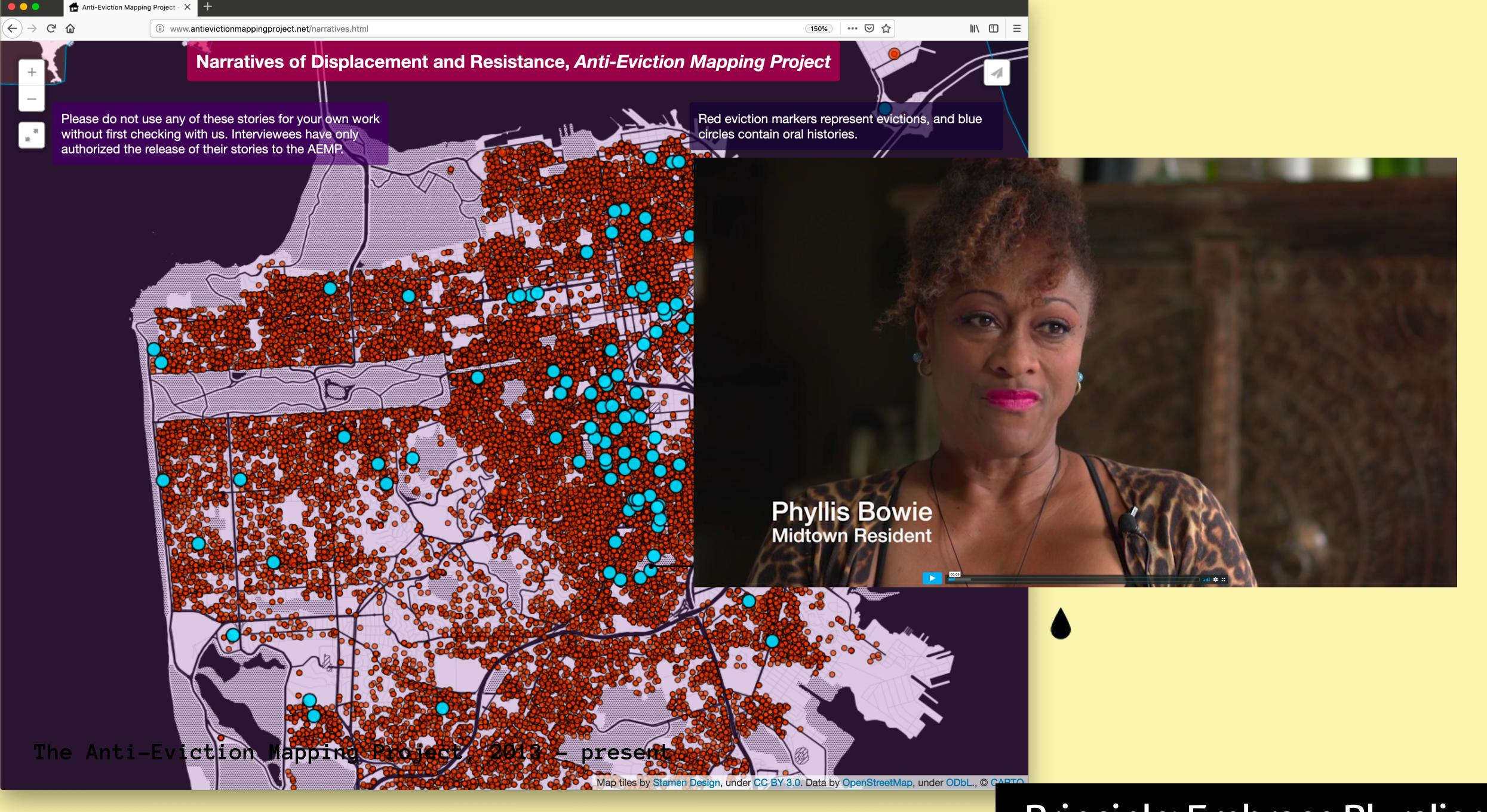
An Incomplete List of Missing Data Sets

This list will always be incomplete, and is designed to be illustrative rather t from the perspective of the U.S, though the complete list of datasets feature

- · Civilians killed in encounters with police or law enforcement agencies [
- Sales and prices in the art world (and relationships between artists and
- People excluded from public housing because of criminal records
- · Trans people killed or injured in instances of hate crime (note: existing
- · Poverty and employment statistics that include people who are behind
- Muslim mosques/communities surveilled by the FBI/CIA
- · Mobility for older adults with physical disabilities or cognitive impairme
- LGBT older adults discriminated against in housing
- Undocumented immigrants currently incarcerated and/or underpaid
- Undocumented immigrants for whom prosecutorial discretion has been
- · Measurements for global web users that take into account shared devi-
- Firm statistics on how often police arrest women for making false rape
- · Master database that details if/which Americans are registered to vote
- Total number of local and state police departments using stingray phor
- · How much Spotify pays each of its artists per play of song

•





Reporting Sexual Assault: What the Clery Act Doesn't Tell Us

By Emerson College Journalism Students: Patrick Torphy, Michaela Galnon and Jillian Meehan, 2016 Used with permission



Reporting Sexual Assault: What The Clery Act Doesn't Tell Us

Facility Trade, billion by the second of the decision

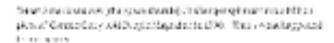
APRIL 1986

JEANNE CLEEK SIMILPICE (FARIS) A TRANSFORMATION. IN CAMPUS SAFETY AND TRANSPARENCY.

Warn former Care Warn Law and process that provide Care are not The start regions a consequence and I does the still and contact the Tarabase sente i Hadel Alberta essa, senettica gardest relle si a miled with New Schools Check, it compare the schools are demined. been marked of cargos greate contract the Comparison Prairie. word and an and their areas yields in ten fana, beinto the fifth our distributed reasons to be the received to the receive whether every

li war, i dighthiyo de ina karanya bini.

Third are bound through a conservable from reached Storage to a confidence of the confidence of the confidence of the end follow. The body sampled triangular at tripolicy flow as each of to Julic New Earl Countries and must be blocked to by the Unvalues adorate, may in regularation Star Spread as a time Industhe extensional fraction's ensire.



Burning way the year helper's worst places at Saligh - Berty worst through the measurest they be derived a true for the true transfer. should knot so for all accompany stopmed a restoration vance rene Sarithat de Lydford un deine Leichtre judable. mound has and would private and during the purrol menuntist. Integration with the earliest of the earliest of the earliest and a substitution of the earliest of the earlie Hard and execut, and or one to recent at at each, as the cylinder's collection and section of the color of a discoursocks duriefor Attendings (2002).



Office and recovery from a broadly replaced the contribu-Algh. 3s. Cover-obreast in everystyrus. According a report to and areporting the administration respecting of the lang sertin 1990, which weeked yilk dilepected. er bestiffe the event code of firefire treate. en programme dancing with countries of the the other identification and section is walatob rze pzumał momortnita: house hybothers abide.

Many and Market May are provided in a comment awar against other all the wind complifies a set of they will also be the entire or with a deat. where you was three and with one of a paid that rate is in held personal action of the property of the property of the personal propert In oracle becomes with the highest treated as a Male. prompted earliers in not invest term and training attention which had without Objective than better that through notificity allows. In an about a stable of Tree, the most find a decrease in the second of manne, which dies are market as being a lineau worse to walke variety compassion or the female State (sure his Stante), and has from an of the weathers are behanned with Commons.

COMPANY OF THE STATE OF THE STA to displace of the constitution is a ericht, monden.

53.50 artist because of the Blom action of by Important and a least to the story' a constant as the professional rate. Conditions on the profession prothe disconnectional activities but in through contragnition and little on it. The like talking of a competition below the first patterner. distinctions that conformal area. Alak-A. C. S. Steam Land

If we thing, Circulated an experiment in the nizy ninisharyana bili y bidi yibaba dependent appropriate for the Constraint. statement a brong to a contratation of a representa-



It would name an day to place they

Report

2015

Politic Managing Re-

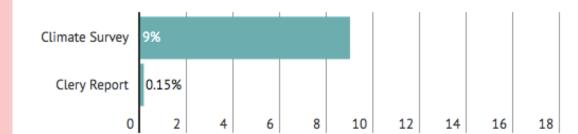
Clery report data and anonymous survey results leave vastly different impressions of rape culture on college campuses.

Boston University



Boston University surveyed its students in 2015, with a response rate of 22 percent. Nearly one in five respondents reported experiencing some type of sexual harassment or assault during their time at Boston University, compared to one in 2500 who reported assault in 2014.

Emerson College



Emerson College surveyed its students in 2015, with a 32 percent response rate. About one in 10 respondents said they experienced nonconsensual sexual contact on-campus during their time at Emerson, compared to one in 666 students that reported forcible sex offenses in 2014.

Harvard University



Harvard University surveyed its students in 2015, with a response rate of 53.2 percent. About one in six undergraduate respondents said they experienced some type of nonconsensual sexual contact during their time at Harvard, while the school's Clery report indicated one in 714 students reported forcible sex offenses to the school in 2014.

Data via Boston University, Emerson College, survey results.

Principle: Consider Context



thanks & be in touch



@kanarinka
@kanarinkaprojects
@kanarinkaprojects
dataplusfeminism.mit.edu