

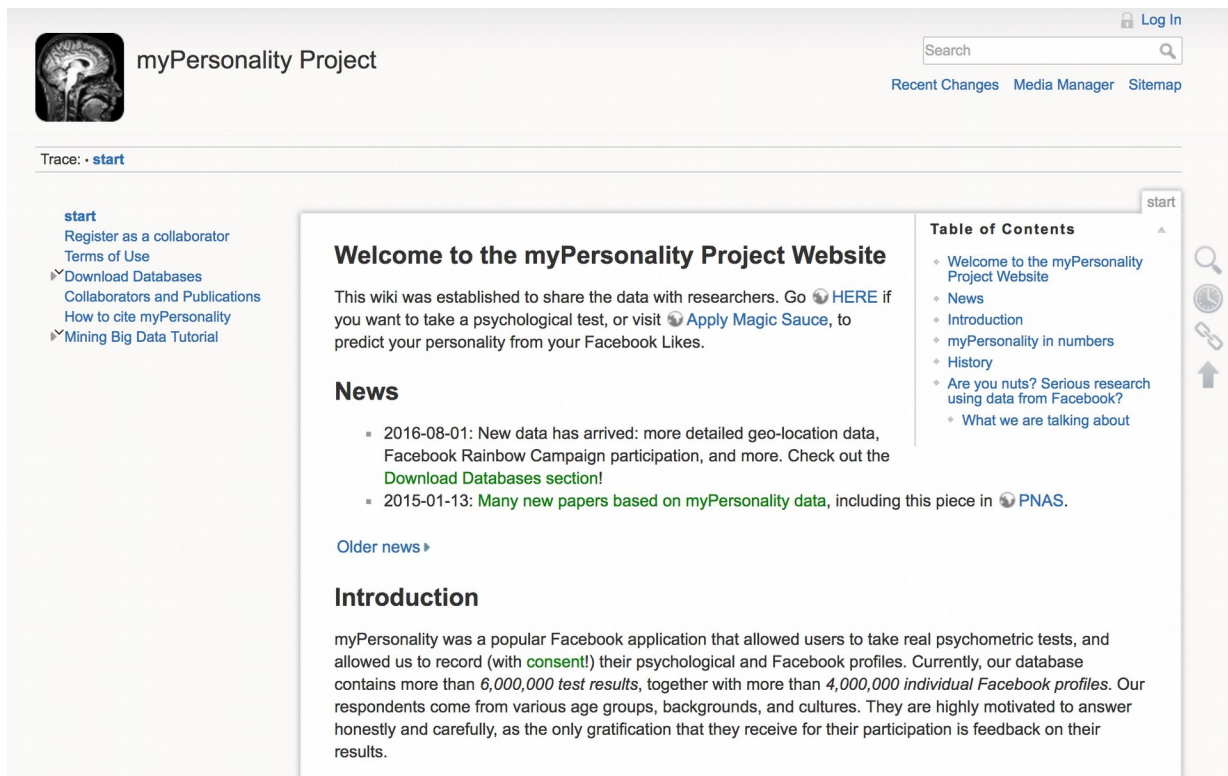



Psychometric profiling and impact on politics

Paul-Olivier Dehaye
Oslo, April 4th 2017

From “Likes” to psychographics

myPersonality



 myPersonality Project

Log In

Search

Recent Changes Media Manager Sitemap

Trace: · [start](#)

start

- Register as a collaborator
- Terms of Use
- Download Databases
- Collaborators and Publications
- How to cite myPersonality
- Mining Big Data Tutorial

Welcome to the myPersonality Project Website

This wiki was established to share the data with researchers. Go [HERE](#) if you want to take a psychological test, or visit [Apply Magic Sauce](#), to predict your personality from your Facebook Likes.

News

- 2016-08-01: New data has arrived: more detailed geo-location data, Facebook Rainbow Campaign participation, and more. Check out the [Download Databases section!](#)
- 2015-01-13: [Many new papers based on myPersonality data](#), including this piece in [PNAS](#).

[Older news](#) ▶

Introduction

myPersonality was a popular Facebook application that allowed users to take real psychometric tests, and allowed us to record (with [consent!](#)) their psychological and Facebook profiles. Currently, our database contains more than *6,000,000 test results*, together with more than *4,000,000 individual Facebook profiles*. Our respondents come from various age groups, backgrounds, and cultures. They are highly motivated to answer honestly and carefully, as the only gratification that they receive for their participation is feedback on their results.

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- Welcome to the myPersonality Project Website
- News
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- myPersonality in numbers
- History
- Are you nuts? Serious research using data from Facebook?
 - What we are talking about

OCEAN model of personality

Trait	Description
O penness	Curious, original, intellectual, creative, and open to new ideas.
C onscientiousness	Organized, systematic, punctual, achievement oriented, and dependable.
E xtraversion	Outgoing, talkative, sociable, and enjoys being in social situations.
A greeableness	Affable, tolerant, sensitive, trusting, kind, and warm.
N euroticism	Anxious, irritable, temperamental, and moody.

Kosinski's research

PNAS

PNAS

PNAS

PNAS

Private traits and attributes are predictable from digital records of human behavior

Michal Kosinski^{a,1}, David Stillwell^a, and Thore Graepel^b

^aFree School Lane, The Psychometrics Centre, University of Cambridge, Cambridge CB2 3RQ United Kingdom; and ^bMicrosoft Research, Cambridge CB1 2FB, United Kingdom

Edited by Kenneth Wächter, University of California, Berkeley, CA, and approved February 12, 2013 (received for review October 29, 2012)

We show that easily accessible digital records of behavior, Facebook Likes can be used to automatically and accurately predict a range of browsing logs (11–15). Similarly, it has been shown that personality can be predicted based on the contents of personal Web sites (16).



Computer-based personality judgments are more accurate than those made by humans

Wu Youyou^{a,1,2}, Michal Kosinski^{b,1}, and David Stillwell^a

^aDepartment of Psychology, University of Cambridge, Cambridge CB2 3EB, United Kingdom; and ^bDepartment of Computer Science, Stanford University, Stanford, CA 94305

Edited by David Funder, University of California, Riverside, CA, and accepted by the Editorial Board December 2, 2014 (received for review September 28, 2014)

Judging others' personalities is an essential skill in successful social living, as personality is a key driver behind people's interactions, behaviors, and emotions. Although accurate personality judgments stem from social-cognitive skills, developments in machine learning show that computer models can also make valid judgments. This study compares the accuracy of human and computer-based personality judgments, using a sample of 86,220 volunteers who completed a 100-item personality questionnaire. We show that (i) computer predictions based on a generic digital footprint (Facebook Likes) are more accurate ($r = 0.56$) than those made by the participants' Facebook friends using a personality questionnaire ($r = 0.49$); (ii) computer models show higher inter-judge agreement; and (iii) computer personality judgments have higher external validity when predicting life outcomes such as substance use, political attitudes, and physical health; for some outcomes, they even outperform the self-rated personality scores. Computers outpacing humans in personality judgment presents significant opportunities and challenges in the areas of psychological assessment, marketing, and privacy.

psychological traits (11). We used LASSO (Least Absolute Shrinkage and Selection Operator) linear regressions (16) with 10-fold cross-validations, so that judgments for each participant were made using models developed on a different subsample of participants and their Likes. Likes are used by Facebook users to express positive association with online and offline objects, such as products, activities, sports, musicians, books, restaurants, or websites. Given the variety of objects, subjects, brands, and people that can be liked and the number of Facebook users (>1.3 billion), Likes represent one of the most generic kinds of digital footprint. For instance, liking a brand or a product offers a proxy for consumer preferences and purchasing behavior; music-related Likes reveal music taste; and liked websites allow for approximating web browsing behavior. Consequently, Like-based models offer a good proxy of what could be achieved based on a wide range of other digital footprints such as web browsing logs, web search queries, or purchase records (11).

Human personality judgments were obtained from the participants' Facebook friends, who were asked to describe a given participant using a 10-item version of the IPIP personality measure. To compute self-other agreement and external validity, we used a sample of 17,622 participants judged by one friend; to calculate inter-judge agreement, we used a sample of 14,410 participants

personality judgment | social media | computational social science | artificial intelligence | big data

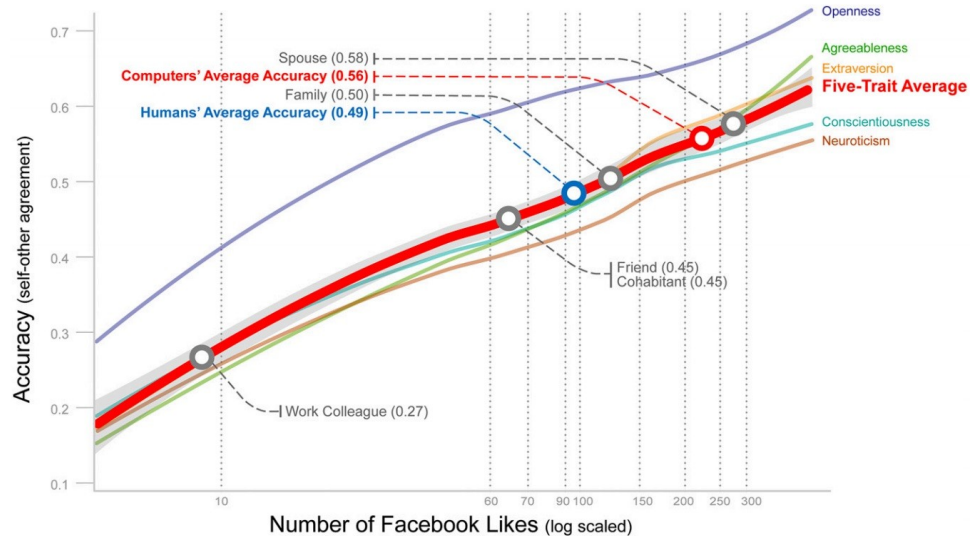


Fig. 2. Computer-based personality judgment accuracy (y axis), plotted against the number of Likes available for prediction (x axis). The red line represents the average accuracy (correlation) of computers' judgment across the five personality traits. The five-trait average accuracy of human judgments is positioned onto the computer accuracy curve. For example, the accuracy of an average human individual ($r = 0.49$) is matched by that of the computer models based on around 90–100 Likes. The computer accuracy curves are smoothed using a LOWESS approach. The gray ribbon represents the 95% CI. Accuracy was averaged using Fisher's r -to- z transformation.

Cambridge Analytica

Concordia Summit (Sept 2016)

What is Big Data?

Demographics/Geographics
(Factual)

- Age
- Gender
- Ethnicity
- Religion
- Education
- Income
- Home-owner
- Socio-economic status
- Geographic factors

'Psychographics'
(Attitudinal)

- Advertising Resonance
- Automotive Data
- Consumer Data
- Consumer Confidence - Economy / Business
- Lifestyle Data
- Buying Styles/Patterns
- Civic / Political Engagement Segments
- Cellular / Mobil Opinions

Personality
(Behavioral)

Psychology

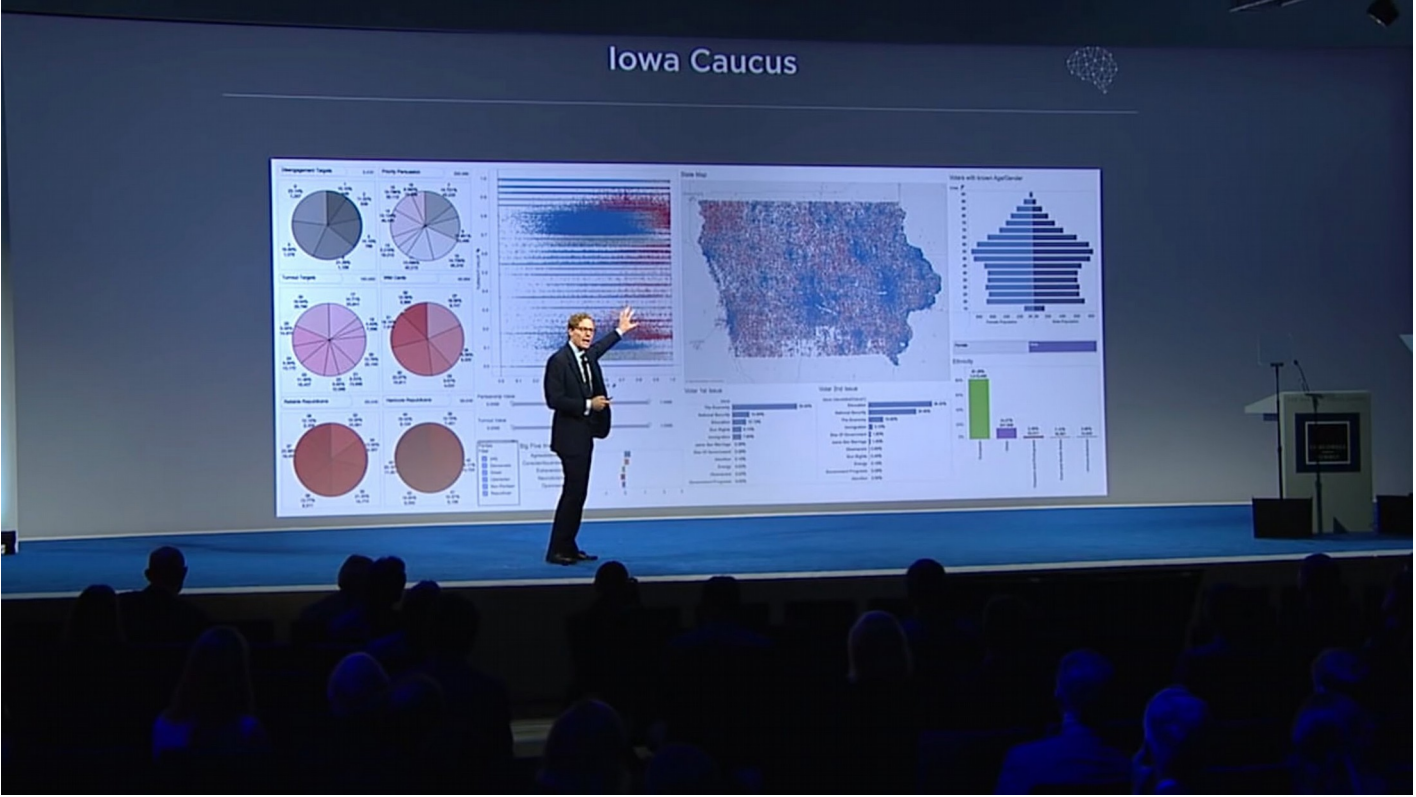
- Openness
- Conscientiousness
- Extraversion
- Agreeableness
- Neuroticism

Persuasion

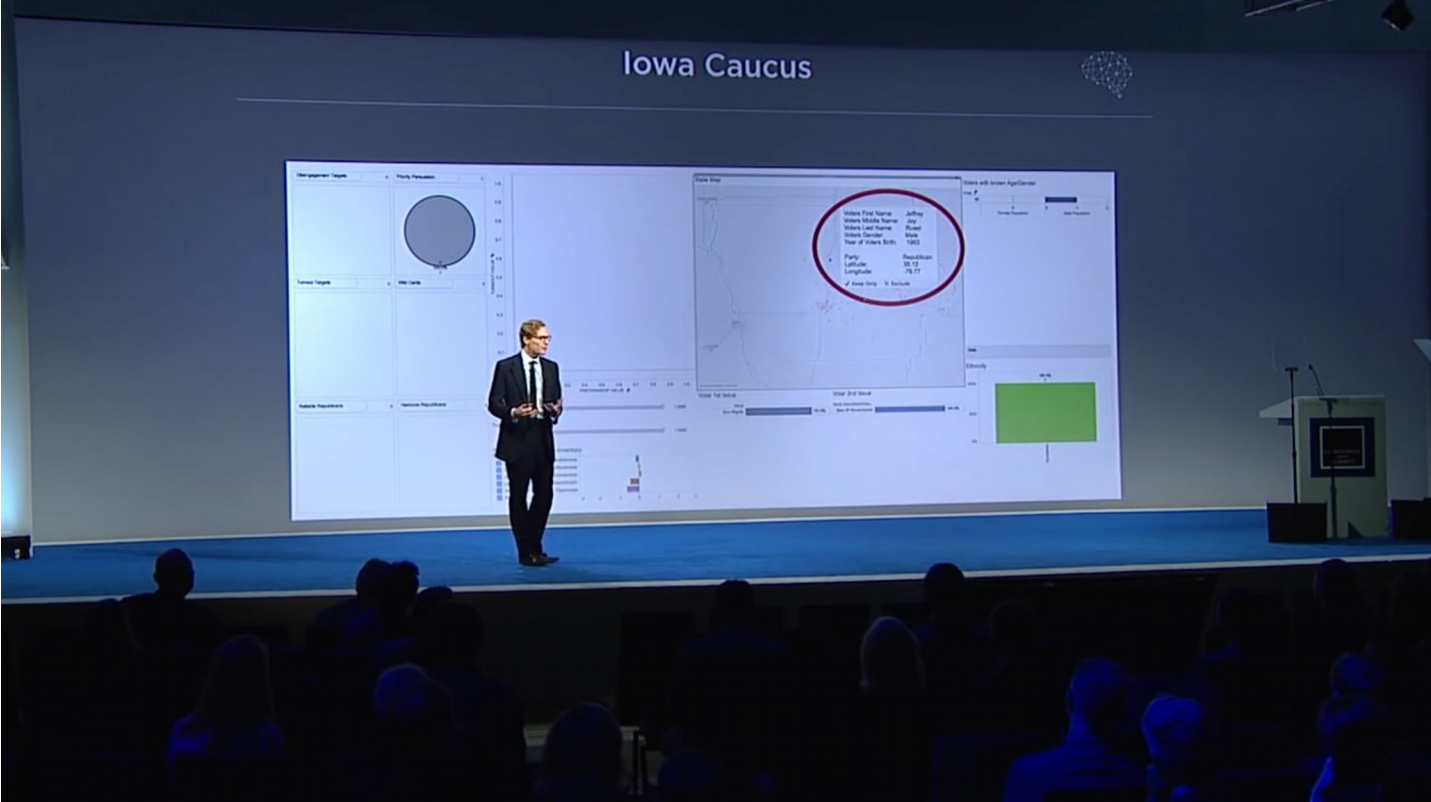
- Reciprocity
- Scarcity
- Authority
- Fear
- Social Proof

acxiom nielsen datatrust infogroup experian facebook aristotle

Concordia Summit (Sept 2016)



Concordia Summit (Sept 2016)



Academic ethics, or lack thereof

Ted Cruz

Ted Cruz using firm that harvested data on millions of unwitting Facebook users

Exclusive: Documents reveal donor-funded US startup embedded in Republican's campaign paid UK university academics to collect psychological profiles on potential voters



Facebook, Twitter, Email icons
This article is 1 year old
23,367 shares
Harry Davies
@harryfoxdavies
email
Friday 11 December 2015 22:22 GMT

Mechanical Turk is a marketplace for work.

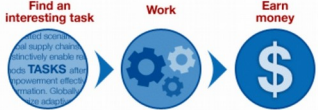
We give businesses and developers access to an on-demand, scalable workforce. Workers select from thousands of tasks and work whenever it's convenient.
303,617 HITs available. [View them now.](#)

Make Money by working on HITs

HITs - Human Intelligence Tasks - are individual tasks that you work on. [Find HITs now.](#)

As a Mechanical Turk Worker you:

- Can work from home
- Choose your own work hours
- Get paid for doing good work



Get Results from Mechanical Turk Workers

Ask workers to complete HITs - Human Intelligence Tasks - and get results using Mechanical Turk. [Get Started.](#)

As a Mechanical Turk Requester you:

- Have access to a global, on-demand, 24 x 7 workforce
- Get thousands of HITs completed in minutes
- Pay only when you're satisfied with the results



The Intercept

Photo: Reinier Echevarri/Getty Images

FACEBOOK FAILED TO PROTECT 30 MILLION USERS FROM HAVING THEIR DATA HARVESTED BY TRUMP CAMPAIGN AFFILIATE







Mattathias Schwartz
March 30 2017, 8:01 p.m.

FOIs to Cambridge

Summary of Results

Request partially successful	1
The request has been partially successful (some information was provided, but not all)	
Request refused	1
The Data Controller refuses to provide the information.	

4 requests to this public body

-  [FOI request about FOI requests](#)
to [Cambridge University](#) (United Kingdom)
Request awaits classification, 3 weeks, 3 days ago
-  [Processing notes for FOI-2016-515](#)
to [Cambridge University](#) (United Kingdom)
Request partially successful, 1 month, 1 week ago
-  [Request acting in concert with FOI-2016-515](#)
to [Cambridge University](#) (United Kingdom)
Request awaits classification, 1 month, 2 weeks ago
-  [FOI for documents exchanged between Cambridge Psychometrics Centre and SCL/Global Science Research May-June 2014](#)
to [Cambridge University](#) (United Kingdom)
Request refused, 2 months, 1 week ago

-  [RSS Feed](#)
-  [Atom Feed](#)

SCL Group

Strategic Communication Laboratories

Commercial

Elections

Analytics

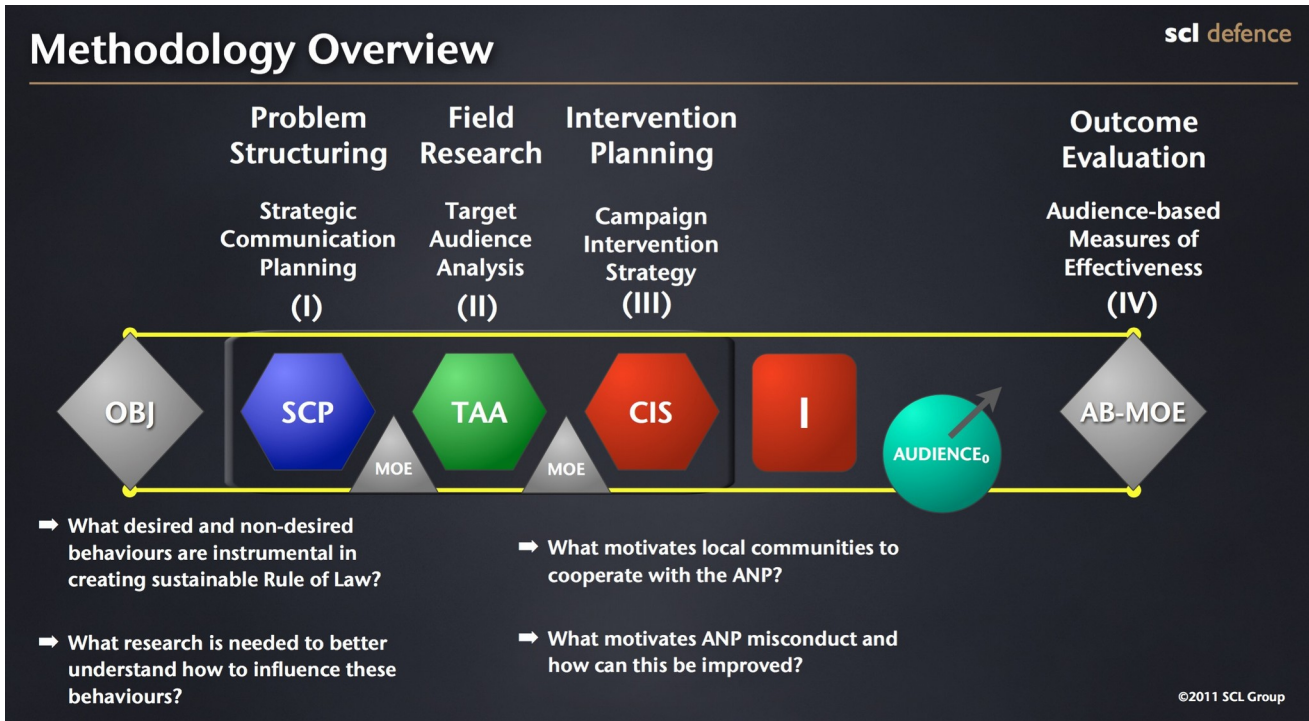
Digital

Sovereign

Defence

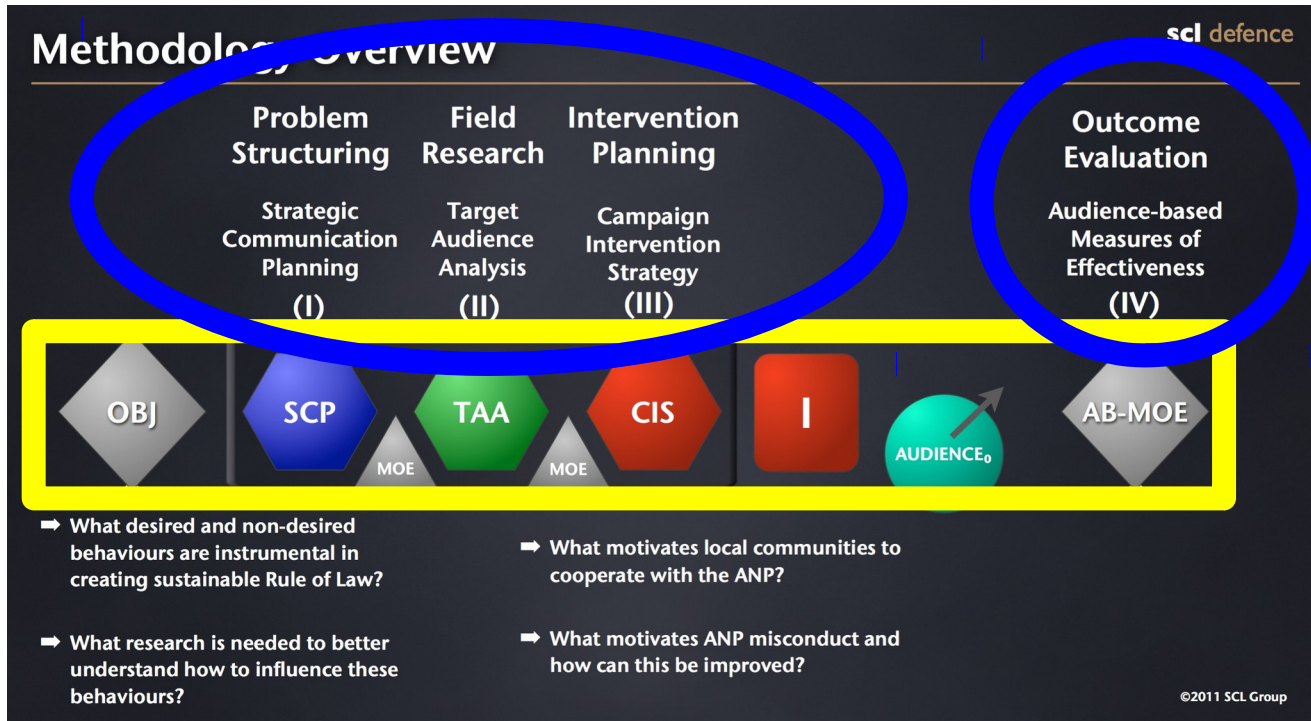


Methodology



Source: "Policing our Own" report on Afghanistan operations, 2011

Methodology



Source: "Policing our Own" report on Afghanistan operations, 2011

Target Audience Analysis



Source: NATO

Self-identifying, cohesive, social groups w/ shared culture:

- Ethnic groups
- Chinese Netizens (not: Chinese 18-30)

“Which behaviour change can we expect, which triggers exist?” (polling, field research,...)

DESCRIPTIVE	PROGNOSTIC	TRANSFORMATIVE
AUDIENCE STATISTICS	INFORMATIONAL	MESSAGE APPEALS
LANGUAGE	PROPENSITY FOR CHANGE	COMMON ENEMIES
LITERACY	EMIC LOGIC	BINARY OPPOSITION
CURRENT BEHAVIOUR	NORMATIVE AFFILIATION	SOURCE CREDIBILITY
SIZE	LOCUS OF CONTROL	REWARD STRUCTURES
LEADERSHIP	MOTIVATIONS	DECISION PATH
FINANCING	POLARISING MOTIVATING PROPENSITY	FILTERS
RELEVANT ISSUES	INSTRUMENTAL	NOISE
HISTORIC CONTEXT	INFLUENCEABILITY	ATTITUDES
CHANNEL CREDIBILITY	BELIEFS	INITIATING SETS
GROUP COMPOSITION	INTENT	RITUALS
MISSION	SKILL	ABILITY
VALUES	POWER STRUCTURES	EXPECTANCY
GROUP MEMBERSHIP	IDEOLOGY	FEARS
CHANNEL EXPOSURE	FRAGILITY / RESISTENCE	
NEEDS		

Source: NATO

Intervention strategy

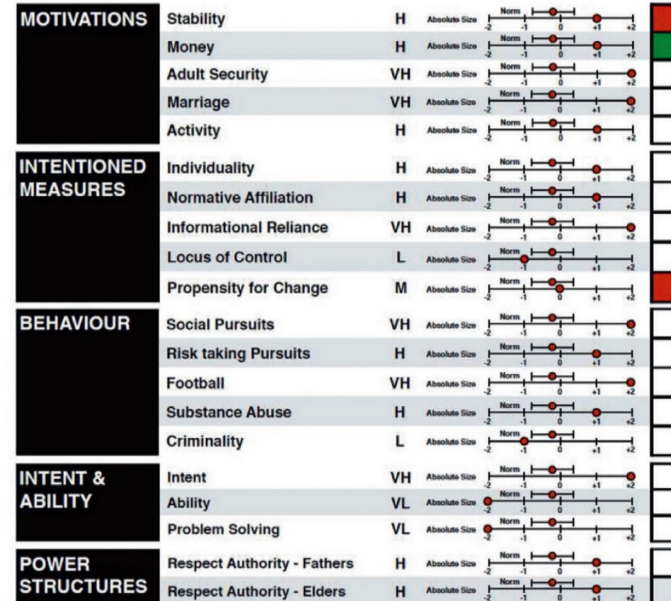
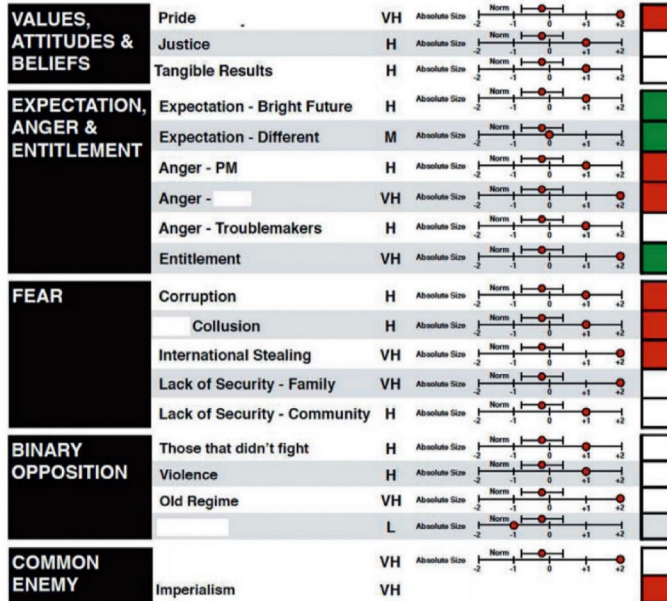
- Cash handouts
- Cash-for-gun program
- Mandatory military service
- Training programme
- Event
- “Smart” propaganda



Audience-based measure of effectiveness

YOUNG UNMARRIED MALES PARAMETERS

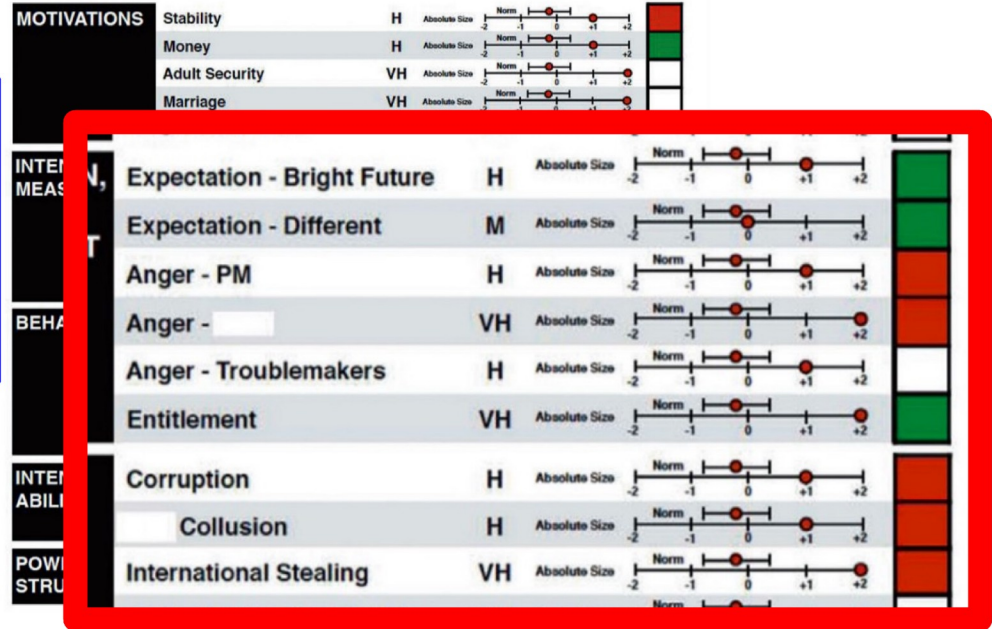
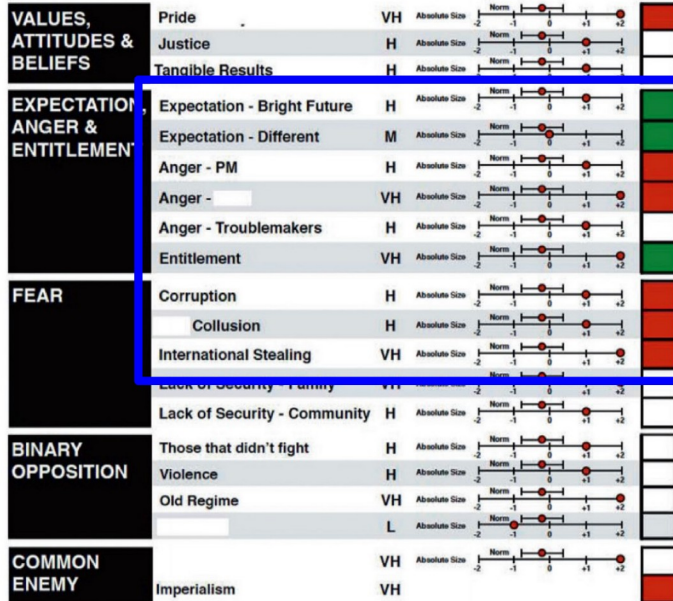
FINANCIAL AID



Audience-based measure of effectiveness

YOUNG UNMARRIED MALES PARAMETERS

FINANCIAL AID



Audience-based measure of effectiveness

YOUNG UNMARRIED MALES PARAMETERS

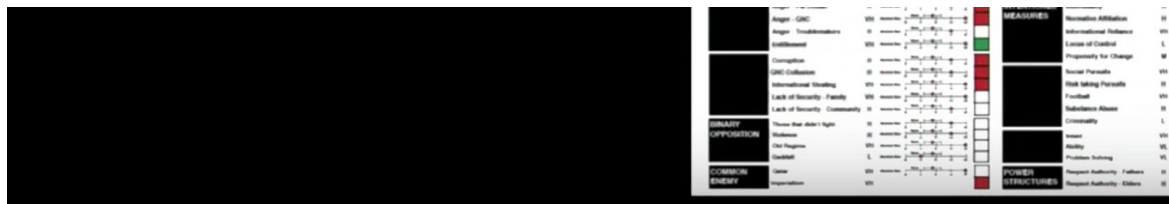
FINANCIAL AID

VALUES, ATTITUDES & BELIEFS	Pride	VH	Absolute Size	Norm	-2	-1	0	1	2	Red
	Justice	H	Absolute Size	Norm	-2	-1	0	1	2	White
	Tangible Results	H	Absolute Size	Norm	-2	-1	0	1	2	White
EXPECTATION, ANGER & ENTITLEMENT	Expectation - Bright Future	H	Absolute Size	Norm	-2	-1	0	1	2	Green
	Expectation - Different	M	Absolute Size	Norm	-2	-1	0	1	2	Green
	Anger - PM	H	Absolute Size	Norm	-2	-1	0	1	2	Red
	Anger - Troublemakers	H	Absolute Size	Norm	-2	-1	0	1	2	White
FEAR	Corruption	H	Absolute Size	Norm	-2	-1	0	1	2	Red
	Collusion	H	Absolute Size	Norm	-2	-1	0	1	2	Red
	International Stealing	VH	Absolute Size	Norm	-2	-1	0	1	2	Red
	Lack of Security - Family	VH	Absolute Size	Norm	-2	-1	0	1	2	White
	Lack of Security - Community	H	Absolute Size	Norm	-2	-1	0	1	2	White
BINARY OPPOSITION	Those that didn't fight	H	Absolute Size	Norm	-2	-1	0	1	2	White
	Violence	H	Absolute Size	Norm	-2	-1	0	1	2	White
	Old Regime	VH	Absolute Size	Norm	-2	-1	0	1	2	White
COMMON ENEMY		L	Absolute Size	Norm	-2	-1	0	1	2	White
	Imperialism	VH	Absolute Size	Norm	-2	-1	0	1	2	Red

MOTIVATIONS	Stability	H	Absolute Size	Norm	-2	-1	0	1	2	Red
	Money	H	Absolute Size	Norm	-2	-1	0	1	2	Green
	Adult Security	VH	Absolute Size	Norm	-2	-1	0	1	2	Red
	Marriage	VH	Absolute Size	Norm	-2	-1	0	1	2	Red
INTENTIONED MEASURES	Activity									
	Individuality									
	Normative Affiliation									
	Informational Reliance									
	Locus of Control									
BEHAVIOUR	Propensity for Change									
	Social Pursuits									
	Risk taking Pursuits									
	Football									
	Substance Abuse									
	Criminality									
INTENT & ABILITY	Intent									
	Ability									
POWER STRUCTURES	Problem Solving									
	Respect Authority									
	Respect Authority									



For more (Libya)



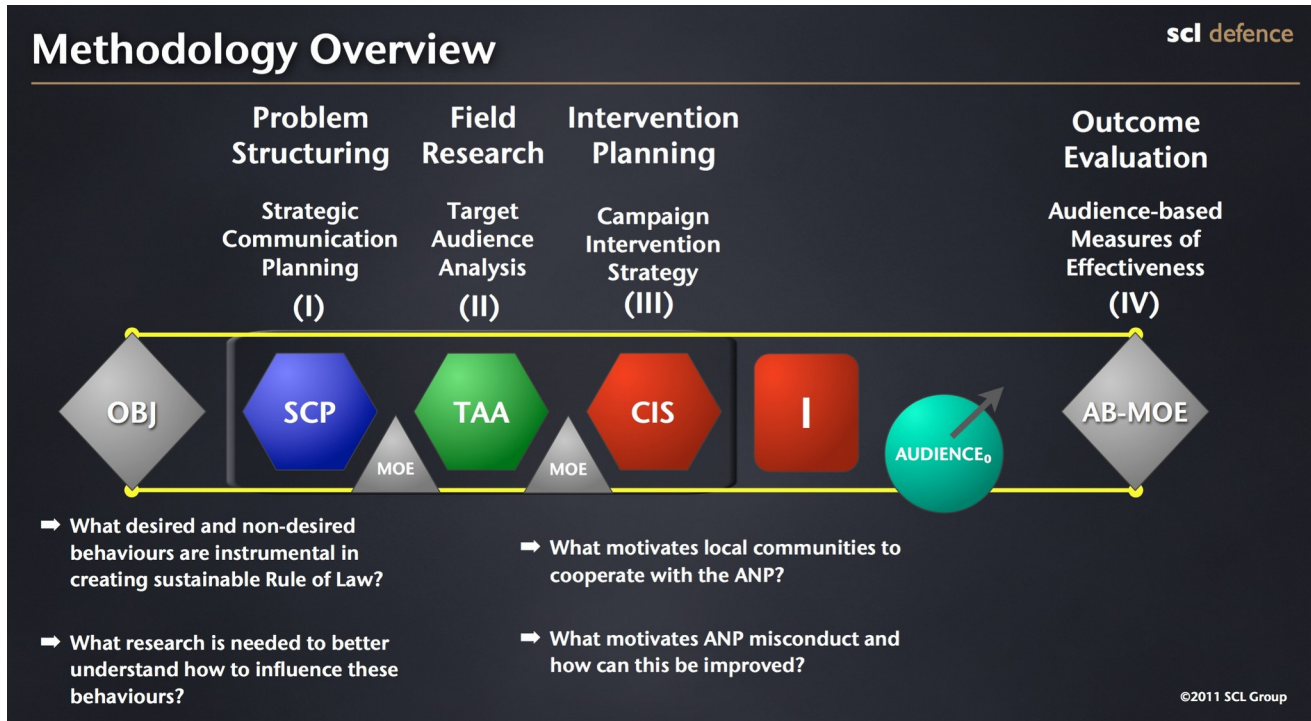
A traffic-light system to “influence” young unmarried males in Libya (source: [Nudgestock 2 Festival](#), at 13:32).

The (dis)information mercenaries now controlling Trump’s databases

Now that Trump, his SuperPACs and even their vendors have got a ton of data on every American, what could they do with that? We look at the PSYOPS dashboards that have been built by the same vendors to manipulate populations in Libya, Afghanistan and countless other countries

<http://tinyurl.com/scl-disinformation>

Methodology



Source: "Policing our Own" report on Afghanistan operations, 2011

Where Cambridge Analytica fits

Western data turn (TAA self-segmentation)



Western data turn (TAA behaviors)

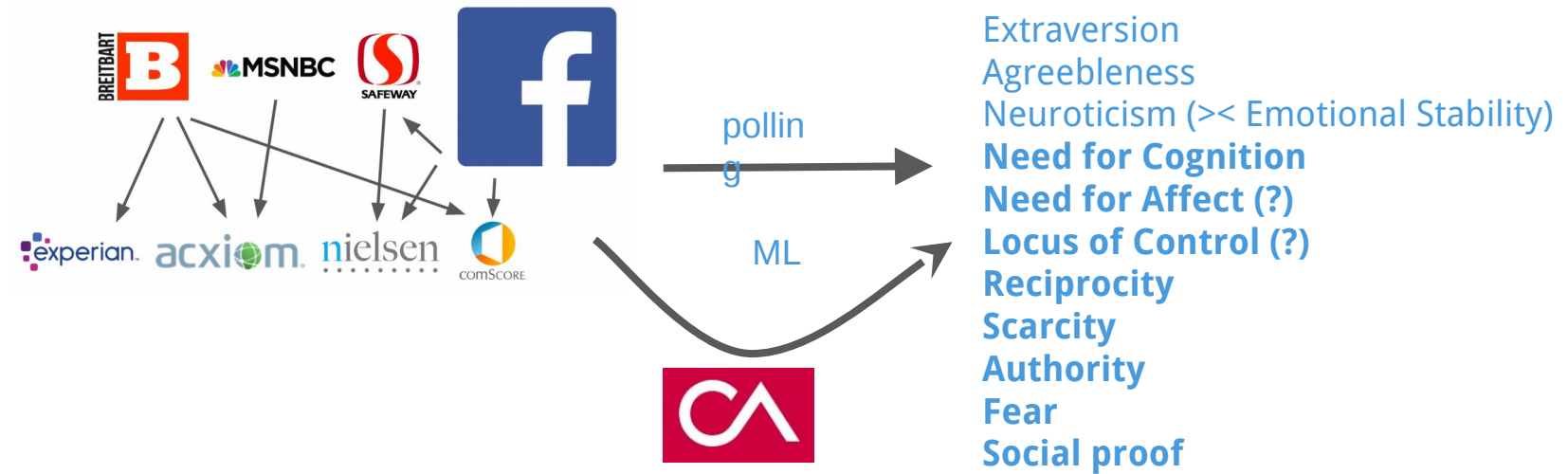


Western data turn (TAA triggers)

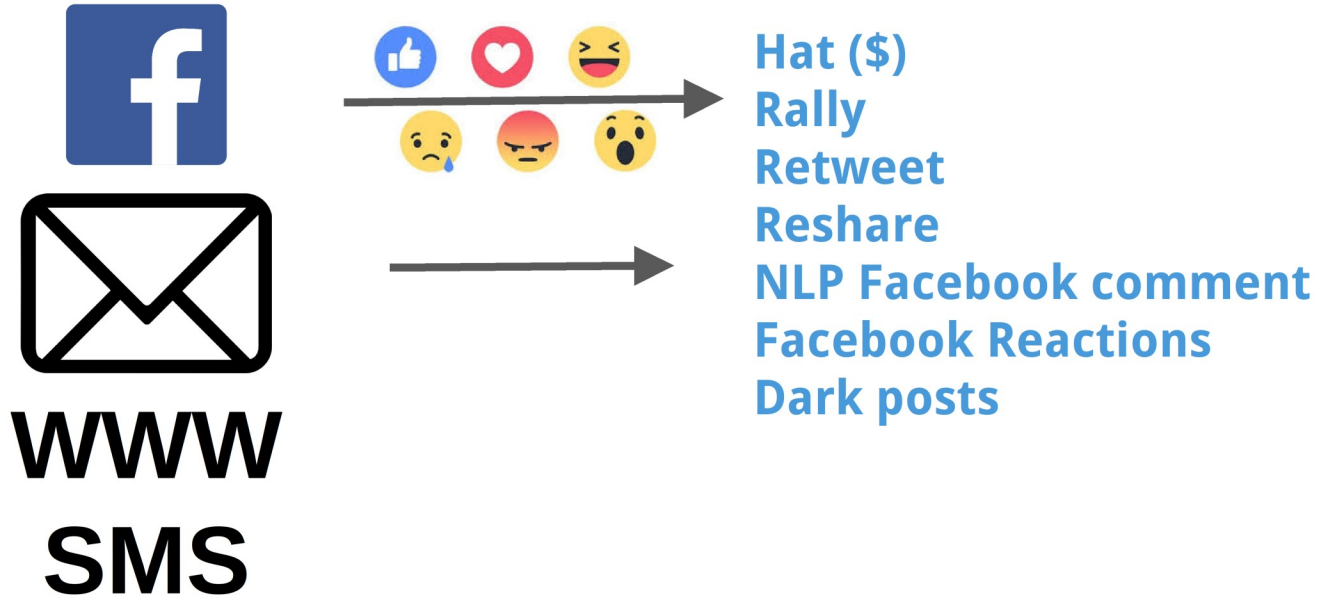


Openness
Conscientiousness
Extraversion
Agreeableness
Neuroticism (>< Emotional Stability)
Need for Cognition
Need for Affect (?)
Locus of Control (?)
Reciprocity
Scarcity
Authority
Fear
Social proof

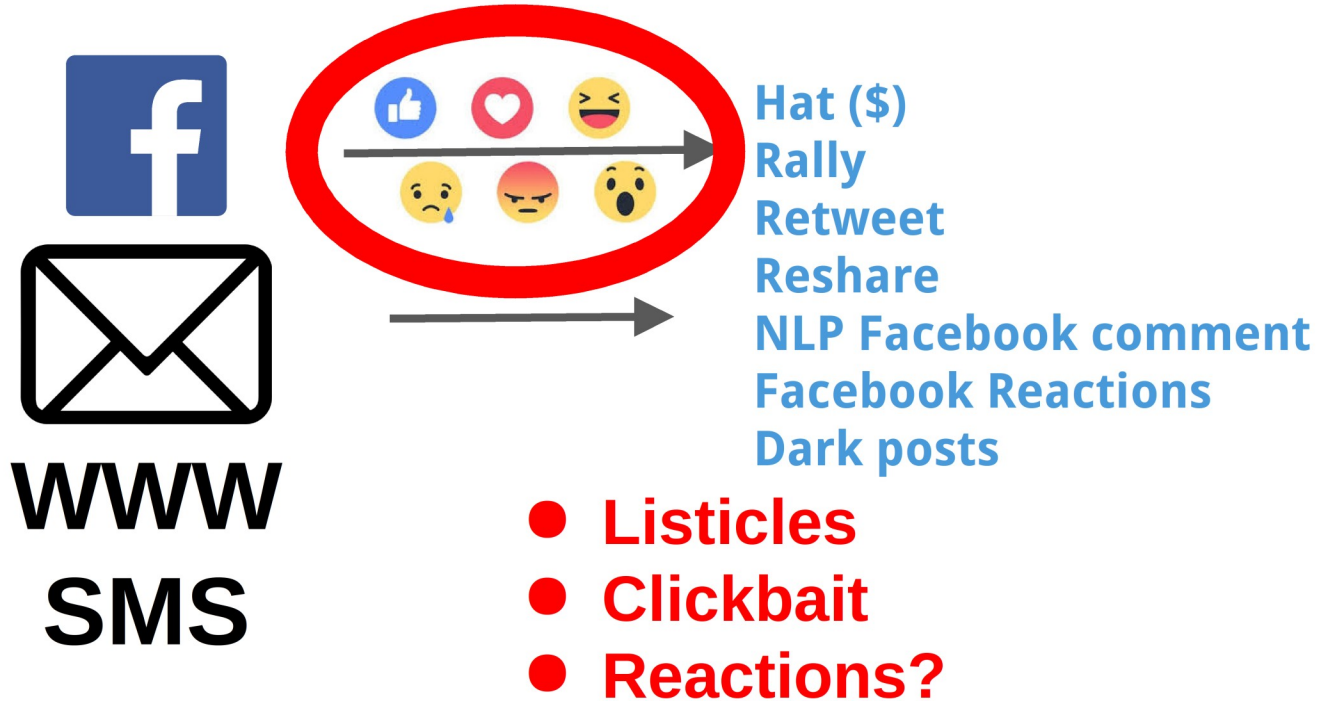
Western data turn (TAA triggers)



Western data turn (Interventions)



Western data turn (Interventions)



Western Data Turn (Interventions)

Status ?	Campaign Name ?	Delivery ?	Results ?	Cost ?
<input type="checkbox"/> <input checked="" type="checkbox"/>	Facebook Ads For Small Business	● Active	1,791 Website Clicks	\$0.47 Per Website Click
<input type="checkbox"/> <input checked="" type="checkbox"/>	12 Weeks Your Store Small business, shark tank, online biz	● Active	1,330 Website Clicks	\$0.34 Per Website Click
<input type="checkbox"/> <input checked="" type="checkbox"/>	12WeeksYourStore	● Active	3,551 Website Clicks	\$0.35 Per Website Click
<input type="checkbox"/> <input checked="" type="checkbox"/>	Quotes Ad Inspiration	● Active	10,567 Page Likes	\$0.95 Per Page Like
<input type="checkbox"/> <input checked="" type="checkbox"/>	Most Inspirational Page	● Active	84,837 Page Likes	\$0.74 Per Page Like
<input type="checkbox"/> <input checked="" type="checkbox"/>	Those Who Like SandiK	● Active	1,620,539 Page Engagements	\$0.05 Per Page Engagement
<input type="checkbox"/> <input type="checkbox"/>	12 Weeks Your Store IKEA, Hobby Lobby, Pottery Barn, Stores	● Inactive	981 Website Clicks	\$0.39 Per Website Click
<input type="checkbox"/> <input type="checkbox"/>	12 Weeks Your Store Coffee stores, online cooking, HGTV, DIY	● Inactive	1,266 Website Clicks	\$0.29 Per Website Click
<input type="checkbox"/> <input type="checkbox"/>	12 Weeks Your Store MAKEUP stores	● Inactive	779 Website Clicks	\$0.42 Per Website Click
<input type="checkbox"/> <input type="checkbox"/>	12 Weeks Your Store Women's Magazines	● Inactive	721 Website Clicks	\$0.47 Per Website Click
<input type="checkbox"/> <input type="checkbox"/>	12WeeksYourStore MOBILE	● Inactive	2,277 Website Clicks	\$0.35 Per Website Click
<input type="checkbox"/> <input checked="" type="checkbox"/>	New Like Campaigns Happiness Test -7	● Not Delivering Ad Set Inactive	12 Page Likes	\$3.46 Per Page Like
<input type="checkbox"/> <input checked="" type="checkbox"/>	New Like Campaigns Happiness Test -5	● Not Delivering Ad Set Inactive	7 Page Likes	\$5.93 Per Page Like
<input type="checkbox"/> <input checked="" type="checkbox"/>	New Like Campaigns Happiness Test -4	● Not Delivering	13	\$3.19

Trump

175k ad variation peak /day

programmatic access

thin pipeline → high machine learning gain

Plausible deniability

No theory between “interventions” and “Target Audience Analysis”

No need for communication between teams

Assets are Facebook Audiences

Political campaign does not get tarred with profiling

AI-shielding

Evasion of electoral rules

Accelerate self-segmentation with provocative content

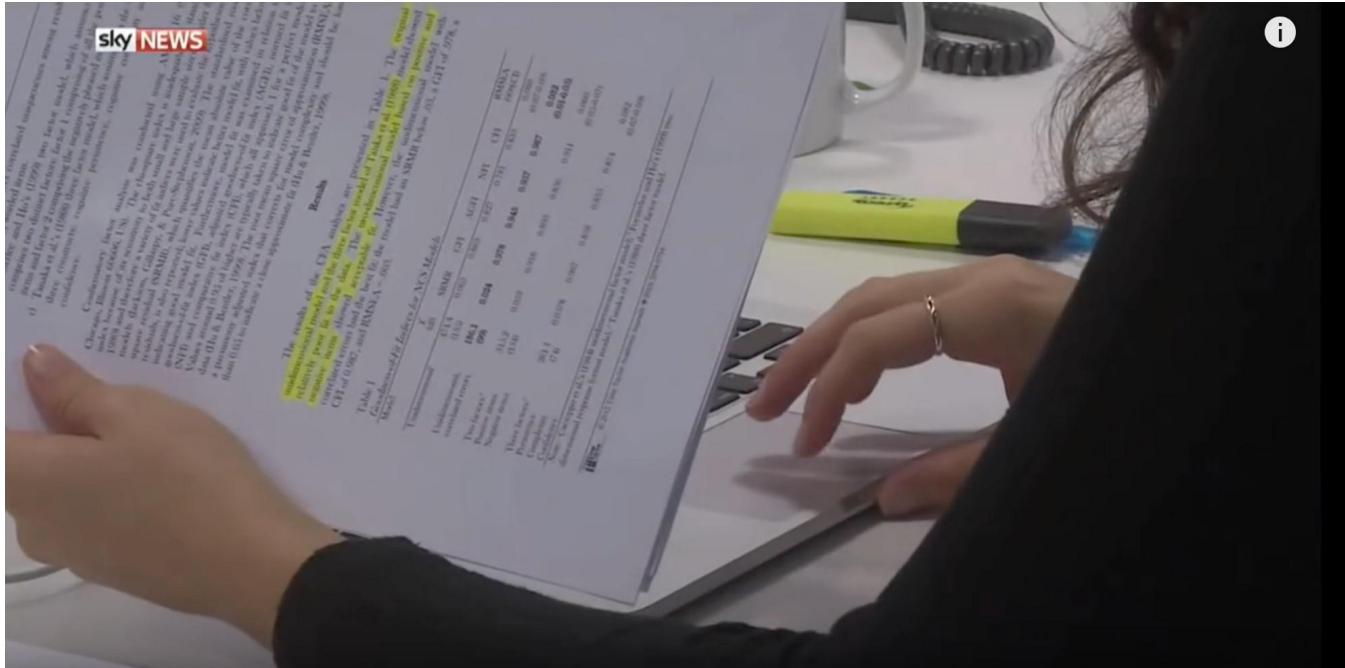
Bloomberg (Oct 2016)

Parscale was building his own list of Trump supporters, beyond the RNC's reach. Cambridge Analytica's statistical models isolated likely supporters whom Parscale bombarded with ads on Facebook, while the campaign bought up e-mail lists from the likes of Gingrich and Tea Party groups to prospect for others. Some of the ads linked

directly to a comment page on the site with buttons labeled "Stand with Trump" or

(downplayed later)

Evidence: psychographic targeting



response bias produces correlated uniqueness among residual variances for the negatively worded items.

b) Fosterlecker and Ho's (1999) two factor model, which assumes that the NCS comprises two distinct factors: factor 1 comprising of all the positively phrased items and factor 2 comprising the negatively phrased items.

c) Tanka et al.'s (1988) three factor model, which assumes that the NCS assesses three constructs: cognitive persistence, cognitive complexity and cognitive confidence.

Confirmatory factor analysis was conducted using AMOS 16 (SPSS Inc., Chicago, Illinois 60606, US). The chi-square index is inadequate as a stand alone fit index because of its sensitivity to both small and large sample sizes (Bentler & Bonett, 1980) and therefore a variety of fit indices were used to evaluate the hypothesized factor models (Jackson, Gillaspay, & Purc-Stephenson, 2009). The standardized root mean square residual (SRMR), which quantifies the mean absolute value of the correlation residuals, is also reported; lower values indicate better model fit, with values below 0.05 indicating good model fit. Furthermore, model fit was examined in relation to the goodness-of-fit index (GFI), adjusted goodness-of-fit index (AGFI), normed fit index (NFI) and comparative fit index (CFI), which all approach 1 for a perfect model fit. Values around 0.95 or higher are typically taken to indicate good fit of the model to the data (Hu & Bentler, 1999). The root mean square error of approximation (RMSEA) is a parsimony adjusted index that corrects for model complexity and should be lower than 0.05 to indicate a close approximate fit (Hu & Bentler, 1999).

Results

The results of the CFA analyses are presented in Table 1. The original unidimensional model and the three factor model of Tanka et al. (1988) model showed relatively poor fit to the data. The two-dimensional model based on positive and negative items showed acceptable fit. However, the unidimensional model with correlated errors had the best fit: the model had an SRMR below .03, a CFI of 0.987, and RMSEA = .022.

Table 1
Goodness-of-Fit Indices for NCS Models

Model	GFI	SRMR	CFI	AGFI	NFI	CFI	RMSEA	RMSEA(90%CI)
Unidimensional	0.744	0.063	0.863	0.827	0.781	0.888	0.080	0.07-0.09
Unidimensional, correlated errors	0.987	0.024	0.978	0.945	0.987	0.987	0.022	0.014-0.030
Two factors ^a	0.987	0.024	0.978	0.945	0.987	0.987	0.022	0.014-0.030
Two factors ^b	0.987	0.024	0.978	0.945	0.987	0.987	0.022	0.014-0.030
Two factors ^c	0.987	0.024	0.978	0.945	0.987	0.987	0.022	0.014-0.030
Three factors ^a	0.987	0.024	0.978	0.945	0.987	0.987	0.022	0.014-0.030
Three factors ^b	0.987	0.024	0.978	0.945	0.987	0.987	0.022	0.014-0.030
Three factors ^c	0.987	0.024	0.978	0.945	0.987	0.987	0.022	0.014-0.030

Note: ^a Caspinger et al.'s (1984) unidimensional factor model; ^b Fosterlecker and Ho's (1999) two-dimensional response format model; ^c Tanka et al.'s (1988) three factor model.

<http://tinyurl.com/ca-cognition>

“Method Effects and the Need for Cognition Scale”

@podehaye

PERSONALDATA.IO

Evidence: collected data



23rd March 2017

USA

c. Modelled data

These are data that represent predictions we have made about you as an individual using models that we have developed as part of our general business offering. Our predictions are based on proprietary algorithms and methodologies that leverage the previous 2 categories of data at our disposal.

THE RECIPIENTS OR CLASSES OF RECIPIENTS OF PERSONAL DATA TO WHOM THE DATA WAS OR MAY HAVE BEEN DISCLOSED:

Clients

Political campaigns
Independent expenditure groups
Non-profit organizations
Commercial entities

Service providers

Digital marketing platforms
Mail vendors
Call centers
Research partners
Affiliated data processors
Legal counsel

Some names and identifying particulars are not being disclosed to protect the identity of third parties.

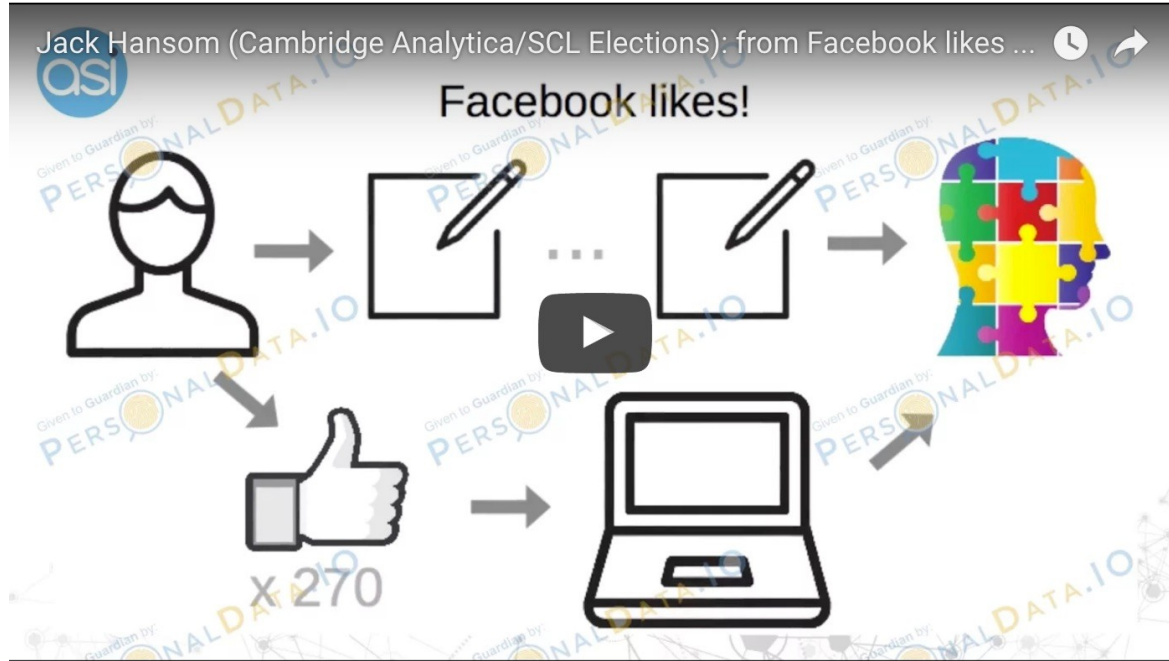
Yours sincerely,

Julian Wheatland, Group COO

For and on behalf of Cambridge Analytica

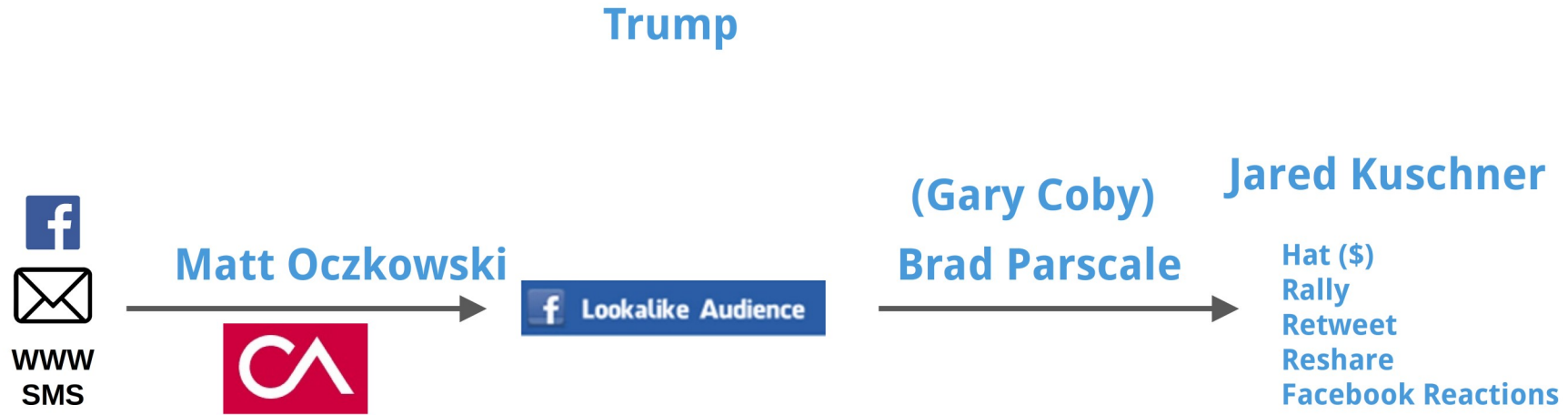
National Debt Importance Rank [1-10]	10
Gun Rights Importance Rank [1-10]	3
Traditional Social and Moral Values Importance Rank [1-10]	9
Environment Importance Rank [1-10]	5
Education Importance Rank [1-10]	4
National Security Importance Rank [1-10]	7
Immigration Importance Rank [1-10]	8
Socially Progressive Civil Rights Importance Rank [1-10]	6
Jobs and Economy Importance Rank [1-10]	1
Healthcare Importance Rank [1-10]	2
Registered Partisanship	Very Unlikely Republican
Unregistered Partisanship	Very Unlikely Republican
2016 General Election Turnout Propensity	Very High

Evidence: use of "Likes"



<http://tinyurl.com/ca-fb-likes>

Data flow in Trump campaign

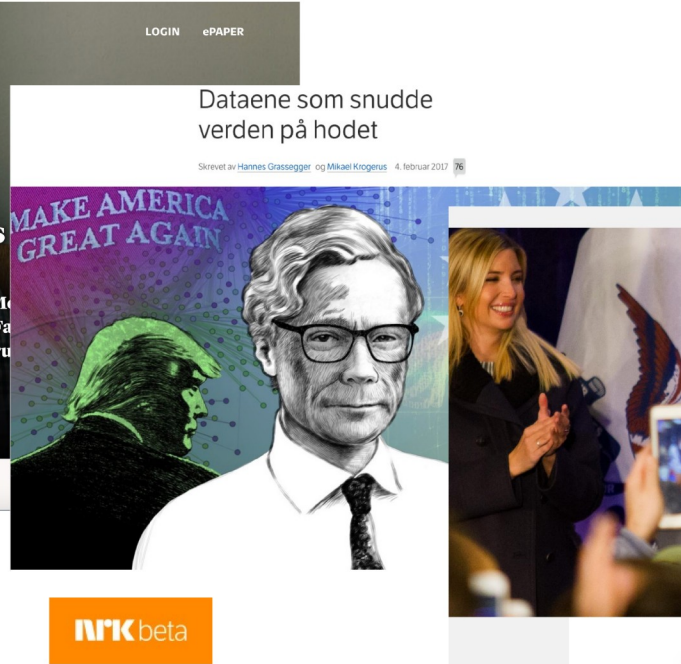


psychographics: “Not that much”; “Not that deep, no”

Some impact...



TagesAnzeiger



VICE

Some impact...

Politics
The Observer

Robert Mercer: the big data billionaire waging war on mainstream media

With links to Donald Trump, Steve Bannon and Nigel Farage, the rightwing US computer scientist is at the heart of a multimillion-dollar propaganda network

201,247

Carole Cadwalladr
@carolecadwalla

Sunday 26 February 2017 09:00 GMT



Robert Mercer in New York in 2014. Photograph: DDP USA/Rex Shutterstock

Data protection
The Observer

Watchdog to launch inquiry into misuse of data in politics

4,816 4,575

Jamie Doward, Carole Cadwalladr and Alice Gibbs

Saturday 4 March 2017 22:29 GMT

Investigation follows revelations of digital firm's involvement in Brexit



Information supplied by Cambridge Analytics was said to have been vital to the Leave campaign's success in the EU referendum. Photograph: Bloomberg/Bloomberg via Getty Images

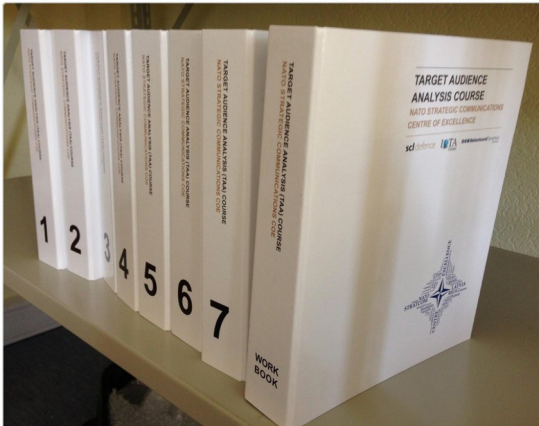
theguardian

Information warfare

von Clausewitz



NATO in Latvia



Behavioural Conflict
@BehaviouralC



8wks; 250hrs instruction; 8 folders; 20 students; 11nations;
@CanadaLatvia @STRATCOMCOE @iotaglobal10 TAA course ends

10:19 AM - 17 Jul 2015



Marit Rye Ramberg

@MaritArmy

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8 weeks in Latvia doing #NATO course in TA Analysis. I'm now a senior trainer in the #BDI methodology.

[stratcomcoe.org/lv/NewsandEven ...](http://stratcomcoe.org/lv/NewsandEven...)
[@iotaglobal10](https://twitter.com/iotaglobal10)

RETWEETS

2



11:17 AM - 20 Jul 2015



Tweet your reply

Optimism?

Awareness rising



Paul-Olivier Dehaye Follow
Mathematician. Free society by bridging ideas. #bigdata and its #ethics, #AcademicFreedom, citizen...
Feb 13 · 5 min read

Facebook forced to disclose more information about its ad targeting

Facebook now tells each of its users which advertisers are tracking them individually through so-called *Custom Audiences*. This change was most likely brought by my legal actions against Facebook, conducted through *PersonalData.IO*. This change opens up exciting new possibilities for investigative journalism and the #MyData movement, explained below.

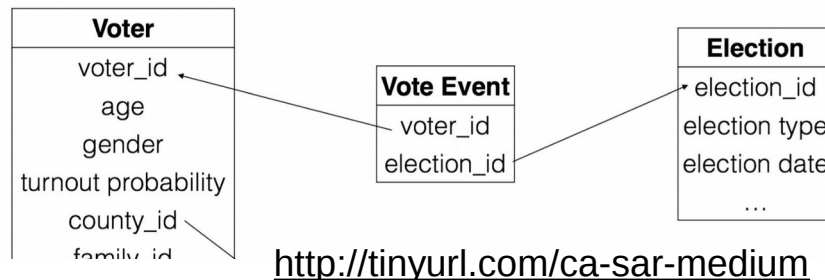
Original request

On December 15th 2016, I asked Facebook, through *PersonalData.IO*, the following:

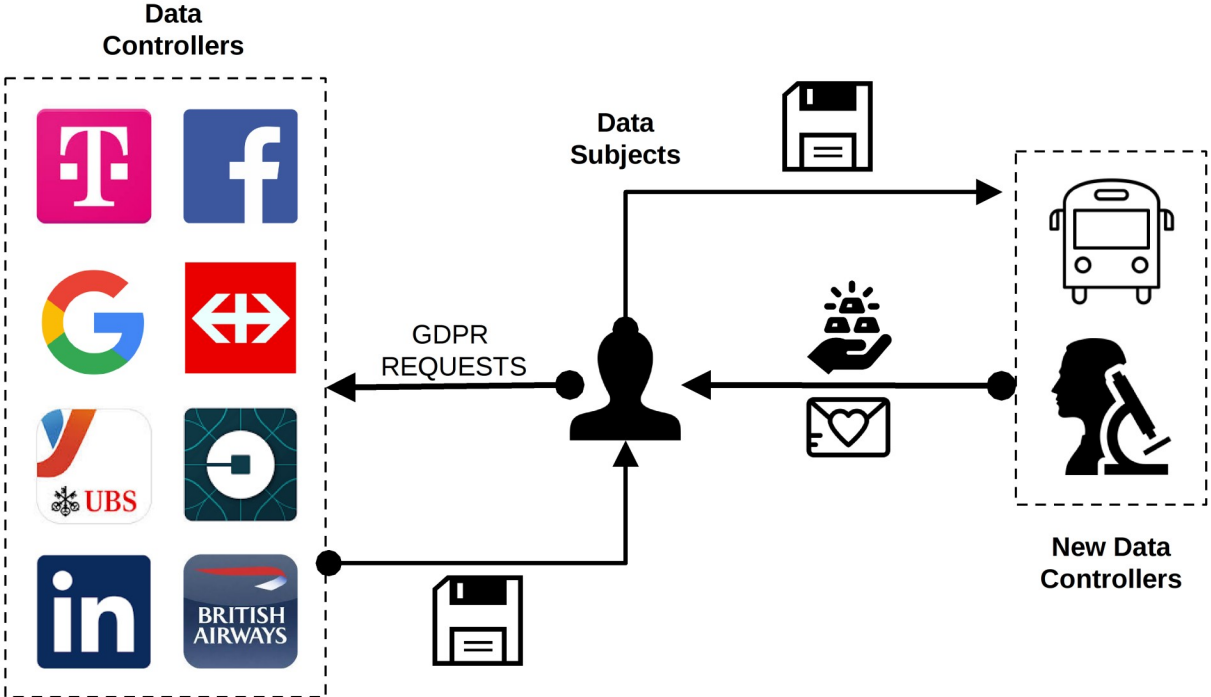
<http://tinyurl.com/fb-pivot>

Quick guide to asking Cambridge Analytica for your data

Cambridge Analytica has finally responded (past deadline, after some threatening emails) to requests by individuals all over Europe and the United States for a copy of their data. I give here some advice on how to go further, and offer a template for responding at the bottom.

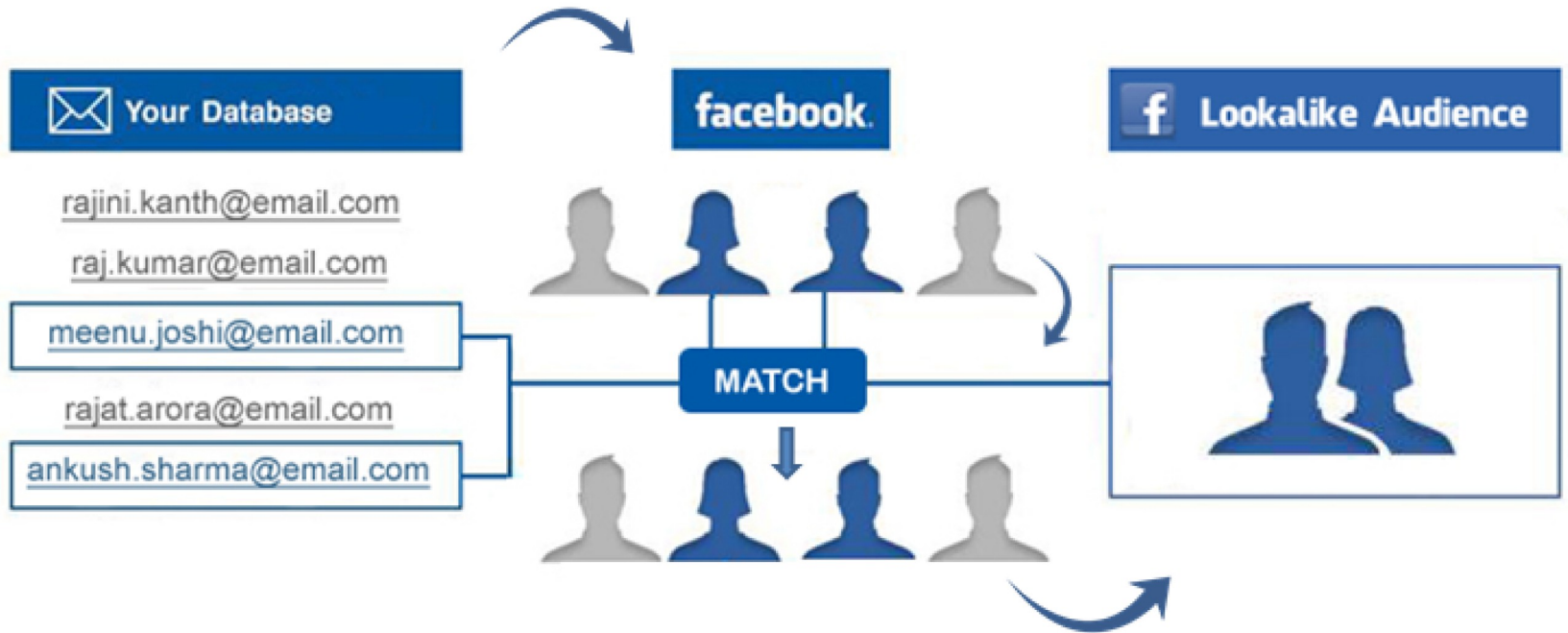


Right to portability (GDPR)



Thank You!

Facebook Lookalike



Effectiveness increases with size; restriction: threshold

Gary Coby comments



Gerrit Lansing
@lansing

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Alexander Nix had precisely nothing to do with this. This passage is a lie. @GaryCoby ran all DJT advertising. @motherboard

“Pretty much every message that Trump put out was data-driven,” Alexander Nix remembers. On the day of the third presidential debate between Trump and Clinton, Trump’s team tested 175,000 different ad variations for his arguments, in order to find the right versions above all via Facebook. The messages differed for the most part only in microscopic details, in order to target the recipients in the optimal psychological way: different headings, colors, captions, with a photo or video. This fine-tuning



Gary Coby ✓
@GaryCoby

Follow

100% Lie. Nix "remembering" is total rubbish. @CamAnalytica had zero involvement in this. Didn't use any "psychographs" for this testing.

“Pretty much every message that Trump put out was data-driven,” Alexander Nix remembers. On the day of the third presidential debate between Trump and Clinton, Trump’s team tested 175,000 different ad variations for his arguments, in order to find the right versions above all via Facebook. The messages differed for the most part only in microscopic details, in order to target the recipients in the optimal psychological way: different headings, colors, captions, with a photo or video. This fine-tuning reaches all the way down to the smallest

Gerrit Lansing @lansing

Alexander Nix had precisely nothing to do with this. This passage is a lie. @GaryCoby ran all DJT advertising. @motherboard

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10:26 PM - 28 Jan 2017

3

19



22