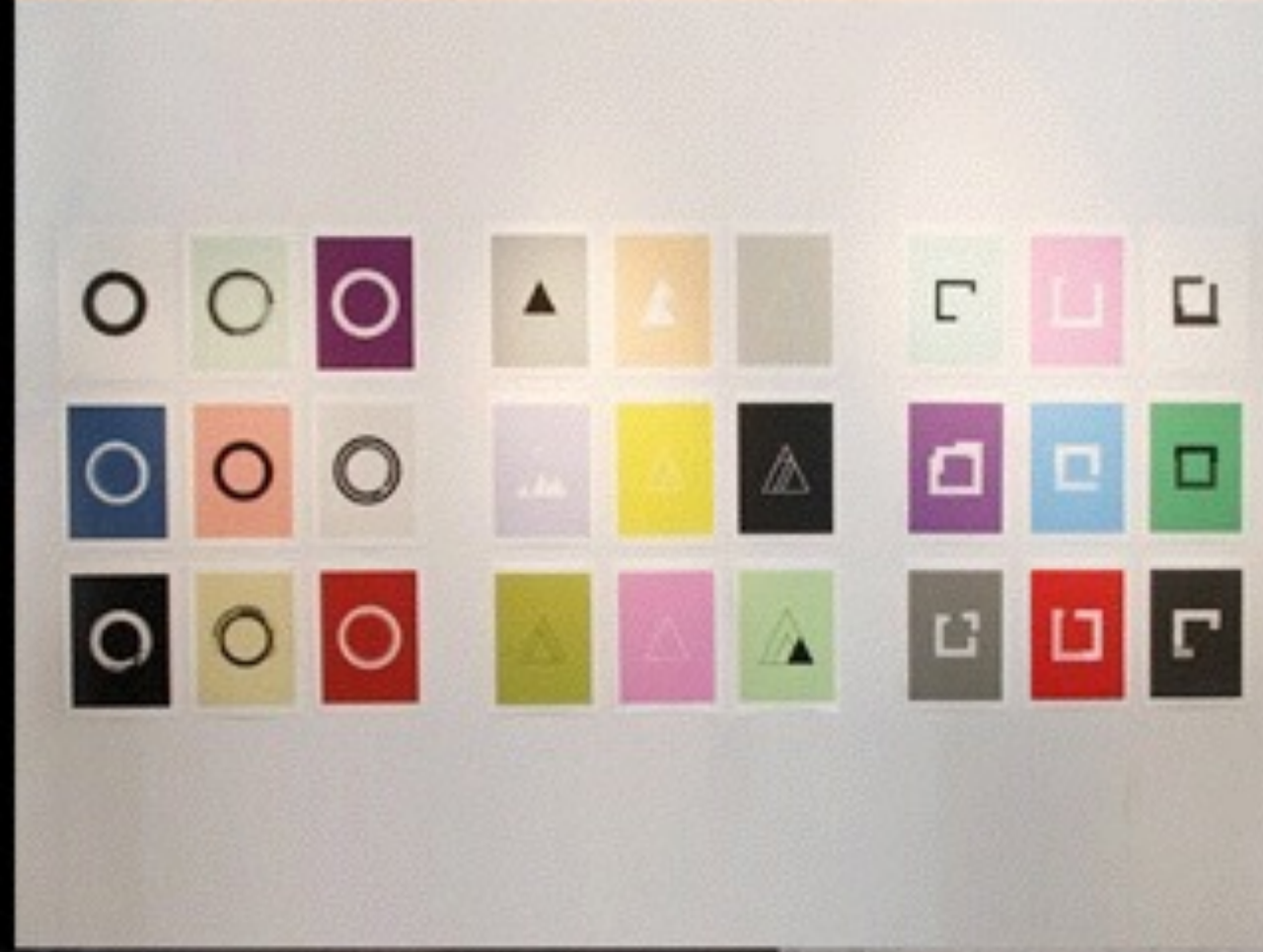
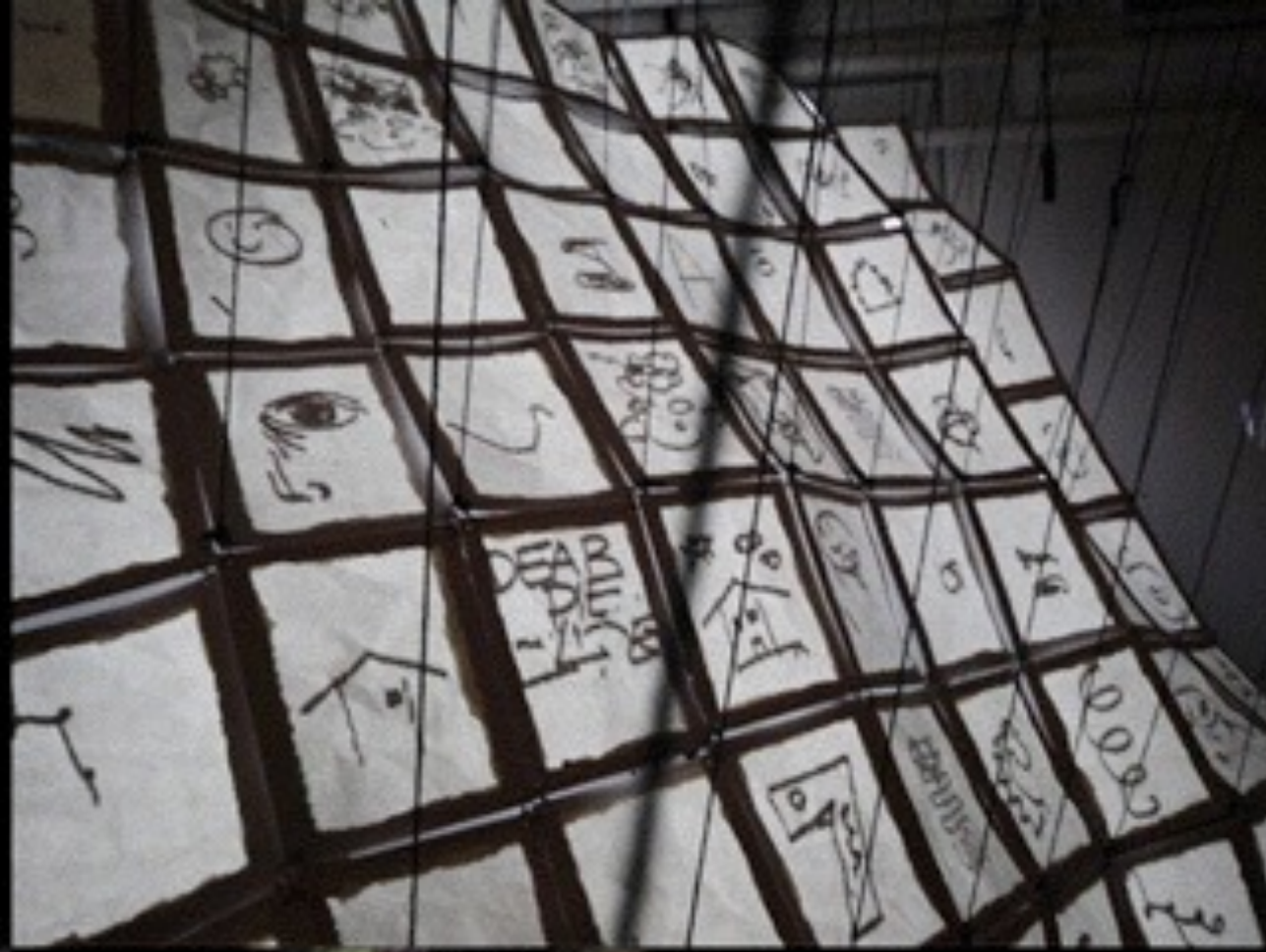


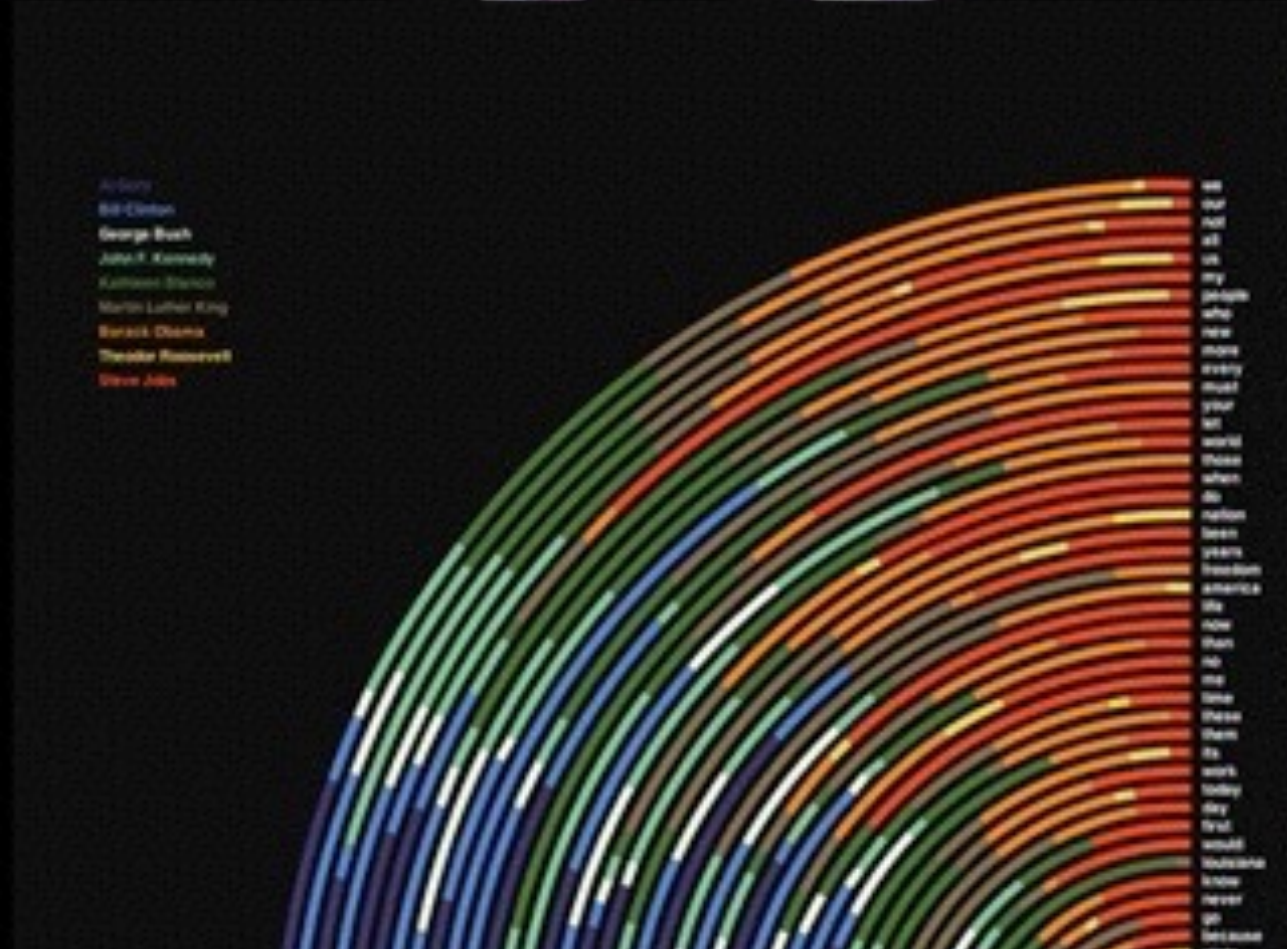
Data visualization

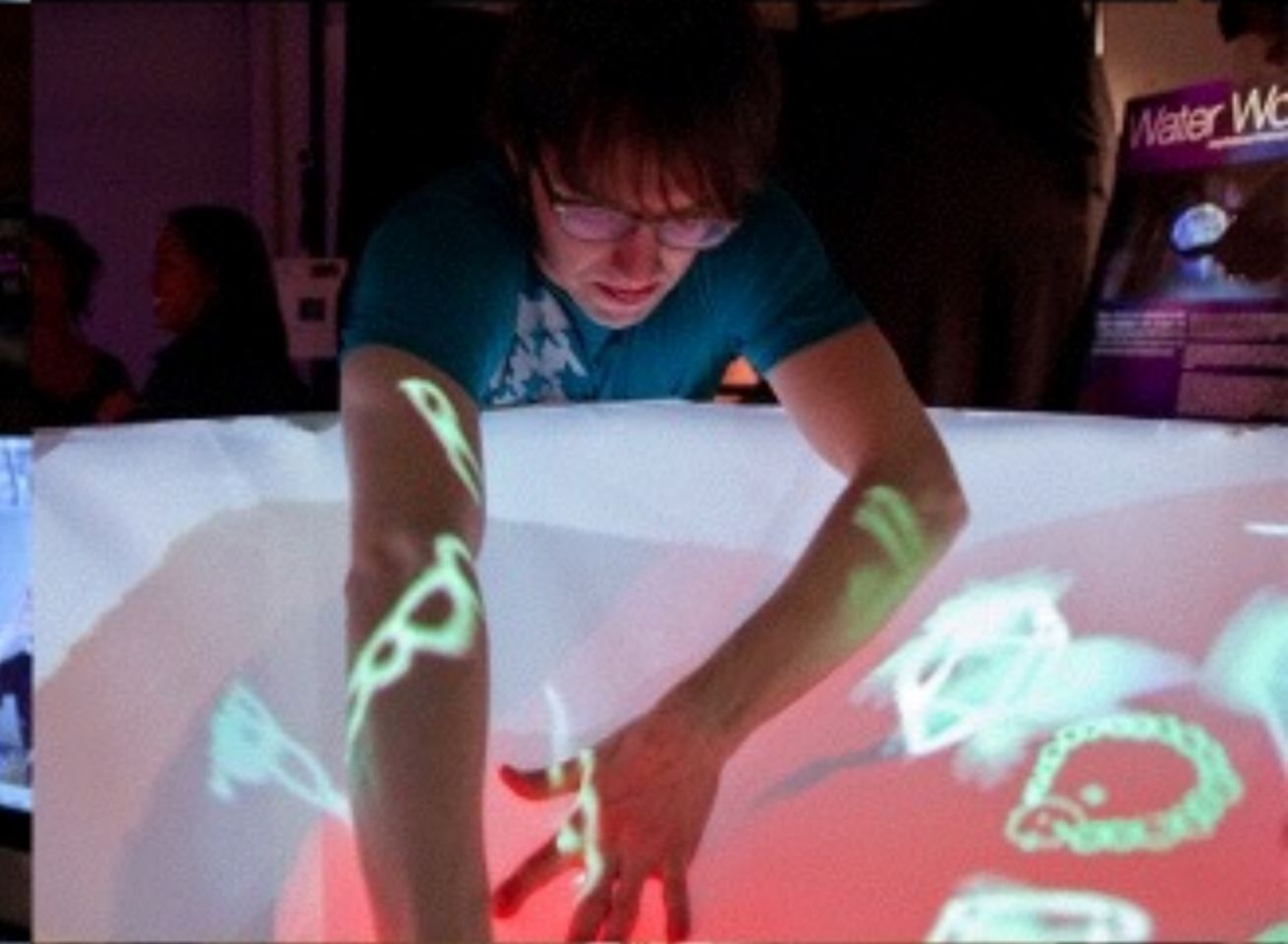
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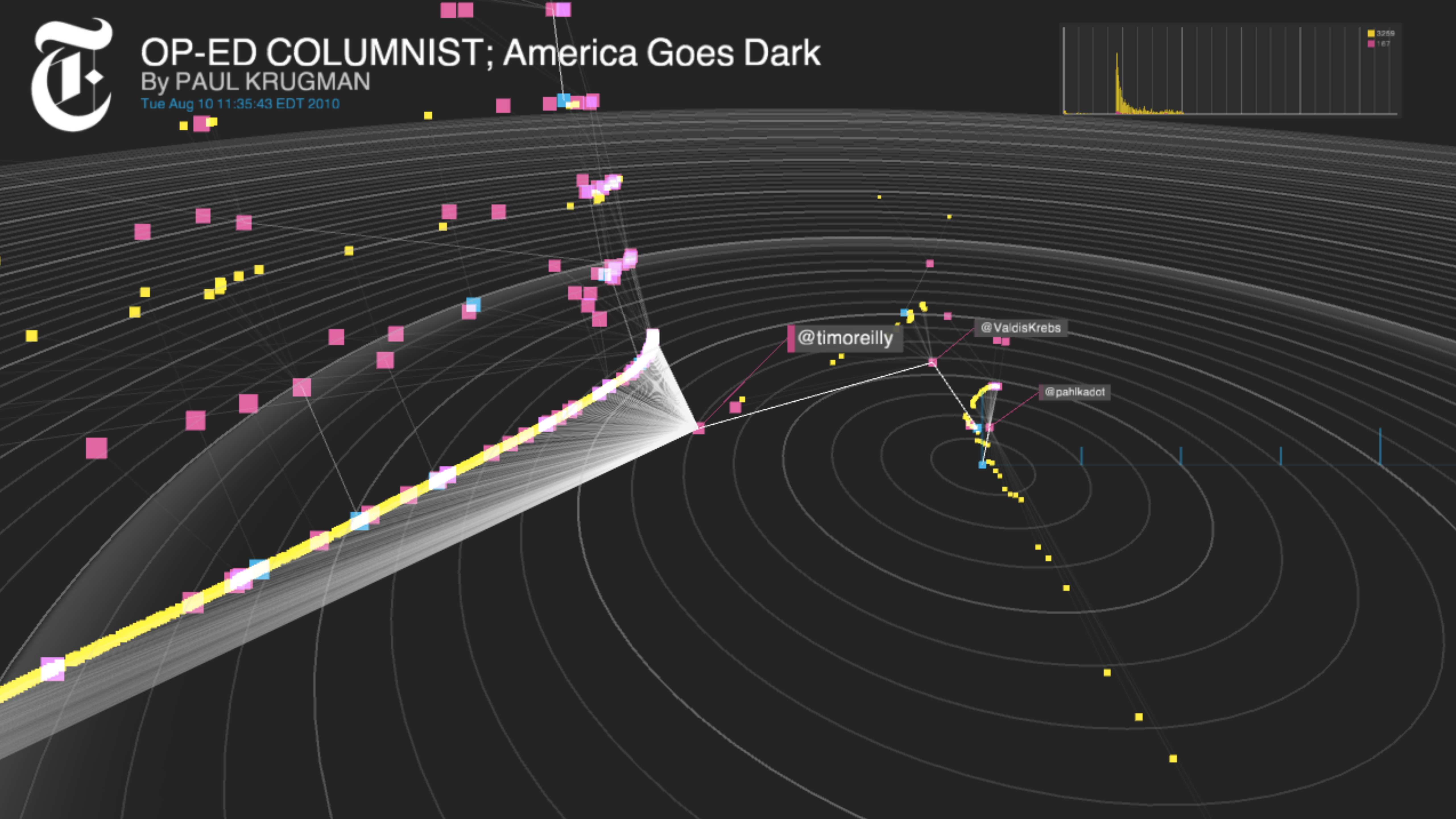
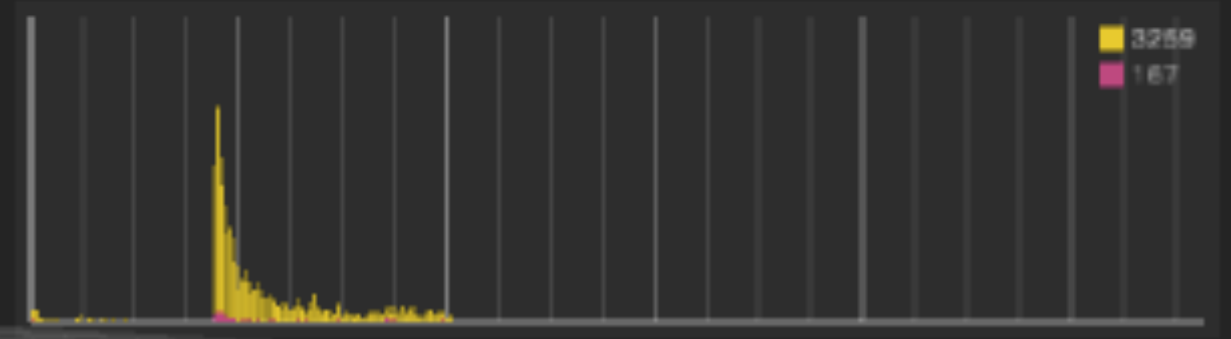


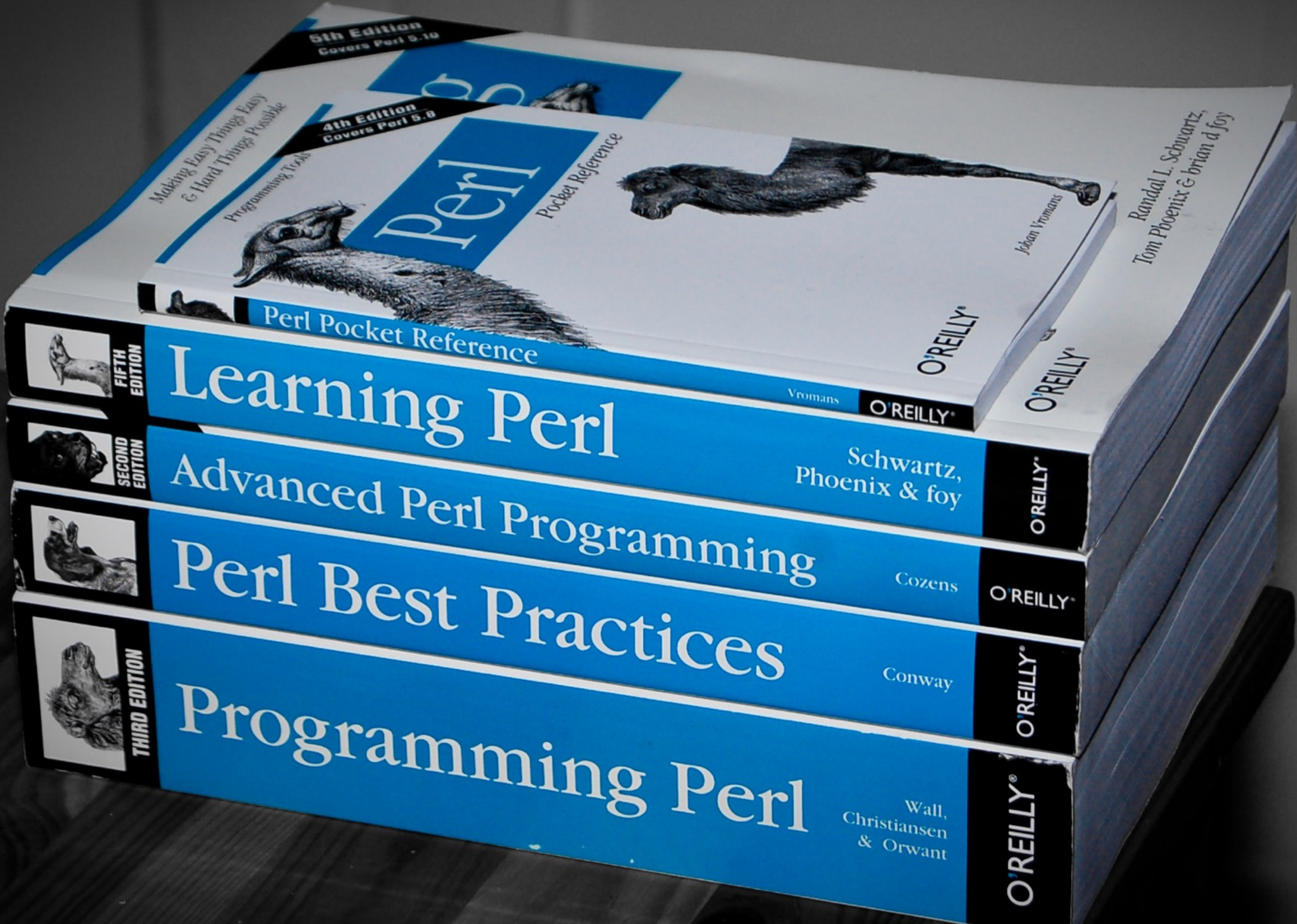


OP-ED COLUMNIST; America Goes Dark

By PAUL KRUGMAN

Tue Aug 10 11:35:43 EDT 2010





5th Edition
Covers Perl 5.10

Making Easy Things Easy
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Perl

Pocket Reference

Jonan Vromans

Randal L. Schwartz,
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FIFTH EDITION

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Advanced Perl Programming

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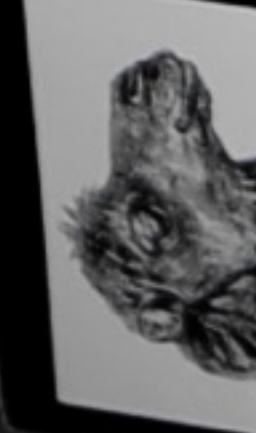
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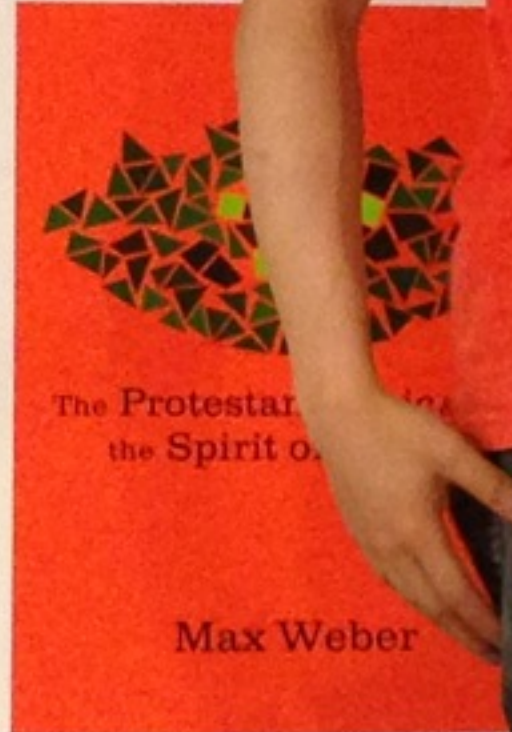
Strata+ Hadoop WORLD

211

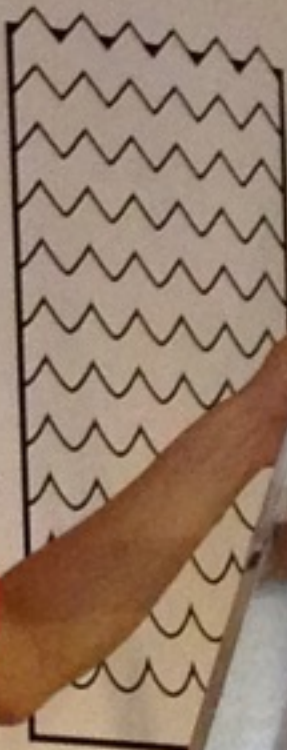
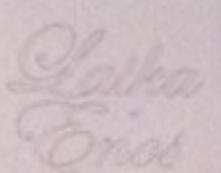
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Digital Narratives

nytimes.com

N.Y. / REGION | Newly Published Audio Provides Real-Time View of 9/11 Attacks

There was no time to read it out.

In the background, people can be heard shouting: “Another one just hit the building. Wow. Another one just hit it hard. Another one just hit the World Trade.”

The manager spoke.

“The whole building just came apart,” he said.

That moment is part of a newly published chronicle of the civil and military aviation responses to the hijackings that originally had been prepared by investigators for the 9/11 Commission, but never completed or released.

Threaded into vivid narratives covering each of the four airliners, the multimedia document contains 114 recordings of air traffic controllers, military aviation officers, airline and fighter jet pilots, as well as two of the hijackers, stretching across two hours of the morning of Sept. 11, 2001.

Though some of the audio has emerged over the years, mainly through public hearings and a federal criminal trial, the report provides a rare 360-degree view of events that were unfolding at high speed across the Northeast in the skies and on the ground. This week, the complete document, with recordings, is being published for the first time by the [Rutgers Law Review](#), and selections of it [are available online at nytimes.com](#).


“The story of the day, of 9/11 itself, is best told in the voices of 9/11,” said Miles Kara, a retired Army colonel and an investigator for the commission [who studied the events](#) of that morning.

Most of the work on the document — which commission staff members

nytimes.com

TIMESVIDEO

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00:03 02:24

STYLE - **BILL CUNNINGHAM**

Bill Cunningham | Colors of Spring

BY Joanna Nikas | May. 22, 2015 | 2:24

Fashion and nature reflect each other's beauty.

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Snow Fall

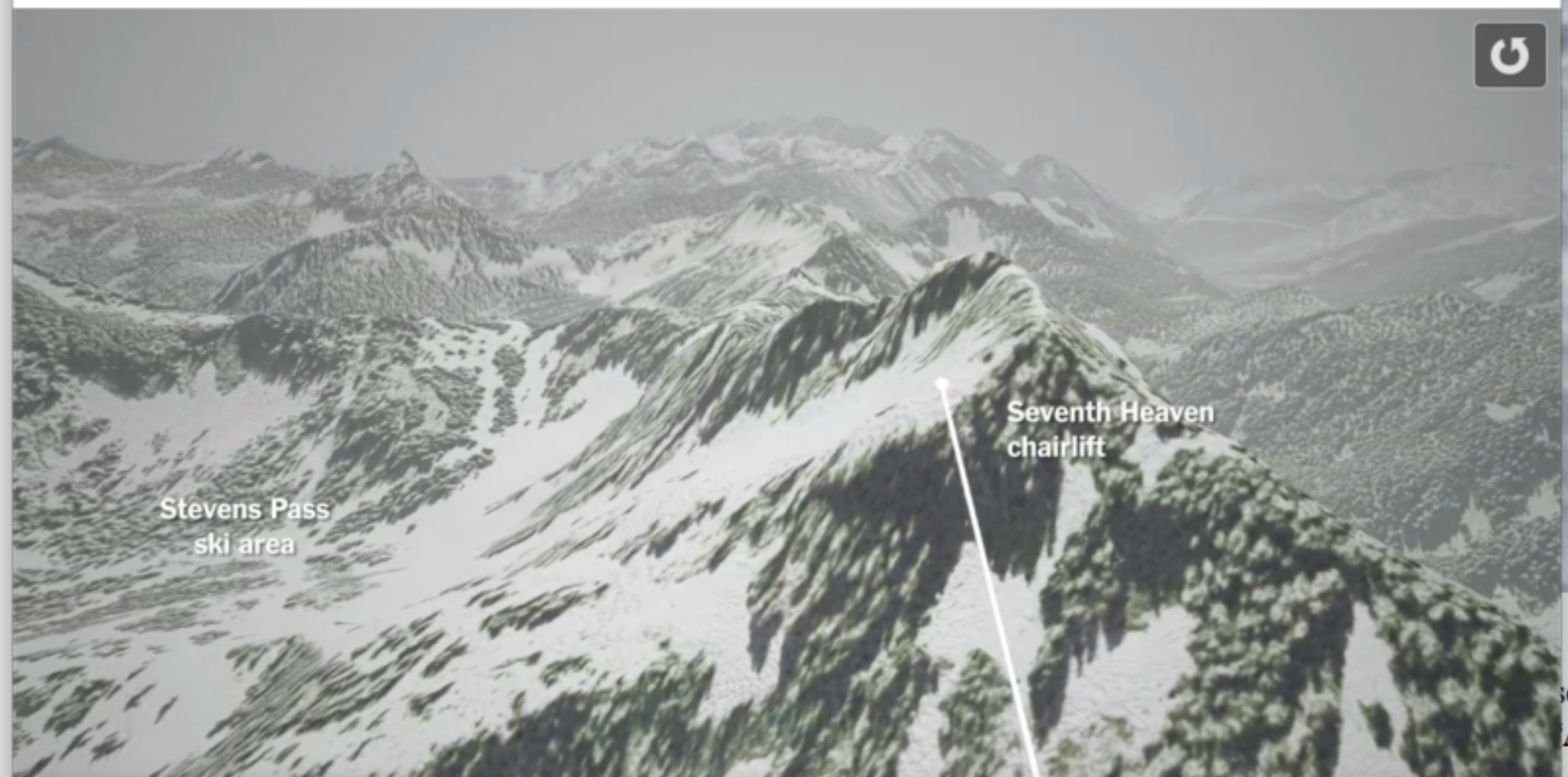
The Avalanche at Tunnel Creek

By JOHN BRANCH



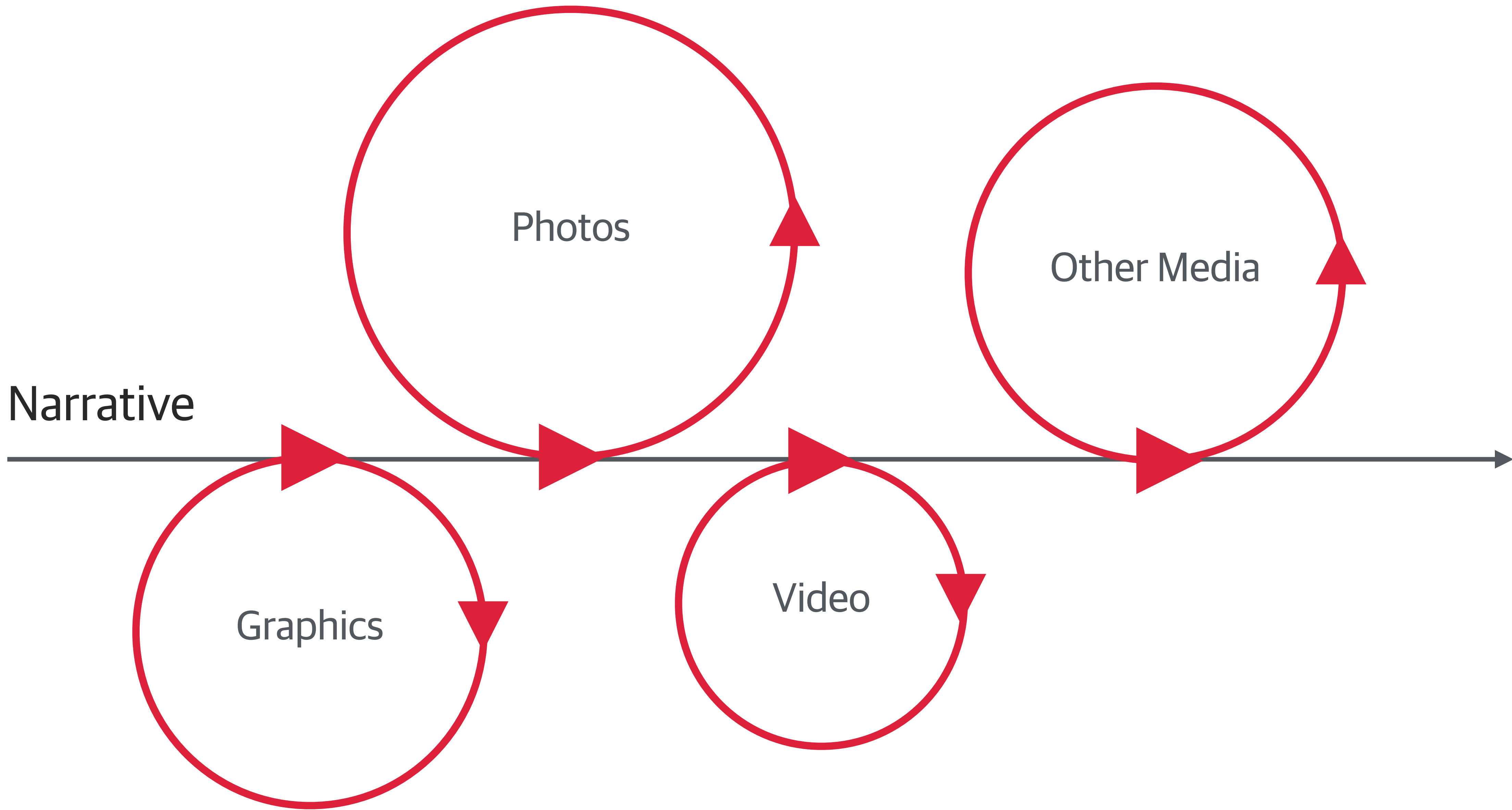
The group marched single file along the narrow ridge for a few minutes until it reached a wider area to convene. Tracks dropped back over a steep edge and into the ski area to the left.

To the right was nothing but deep powder, hidden by thick trees, like a curtain to the big attraction.



second whoosh of sound, Avalanche! Elyse!”

fresh, soft snow — packed in the shape of a



Derek Boogaard - A Boy Le... x

www.nytimes.com/2011/12/04/sports/ho...

Derek Boogaard: A Boy Learns to Brawl

By JOHN BRANCH
Published: December 3, 2011

DEREK BOOGAARD was scared. He did not know whom he would fight, just that he must.

Punched Out, Part 1
Over six months, The New York Times examined the life and death of the professional hockey player Derek Boogaard, who rose to fame as one of the sport's most feared fighters before dying at age 28 on May 13.

This article, the first of a three-part series, revisits Boogaard's childhood in the rugged youth and junior leagues of western Canada and his progression from physically awkward boy to renowned brawler on the ice.

Opportunity and obligation had collided, the way they can in hockey.

His father bought a program the night before. Boogaard scanned the roster, checking heights and weights. He later recalled that he barely slept.

A trainer in the dressing room offered scouting reports. As Boogaard taped his stick in the hallway of the rink in Regina, Saskatchewan, he was approached by one of the few players bigger than he was. Boogaard had never seen him before. He did not know his name.

"I'm going to kill you," the player said.

The scrimmage began. A coach tapped Boogaard on the shoulder. Boogaard knew what it meant. He clambered over the waist-high wall and onto the ice.

He felt a tug on the back of his jersey. It was time.

The players flicked the padded gloves from their hands. They removed the helmets from their heads. They raised their fists and circled each other. They knew the choreography that precedes the violence.

Boogaard took a swing with his long right arm. His fist smacked the opponent's face and broke his nose. Coaches and scouts laughed as they congratulated Boogaard.

He was 16.

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Derek Boogaard: An Enforc... x

www.nytimes.com/interactive/2011/12/04/sports/hockey/boogaard-video.html


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Punched Out

The Life and Death of a Hockey Enforcer | Read the Articles »

PART 1: LEARNING TO BRAWL | PART 2: FIGHT CLUB | PART 3: PUNCH DRUNK

Learning to Brawl
Derek Boogaard fought his way to center ice as one of the N.H.L.'s most feared fighters. But the role exposed Boogaard to repeated head trauma, chronic pain and a deadly drug addiction.



Watch Punched Out: The Life and Death of an NHL Enforcer


www.hulu.com/punched-out-the-life-and-death-of-an-nhl-enforcer

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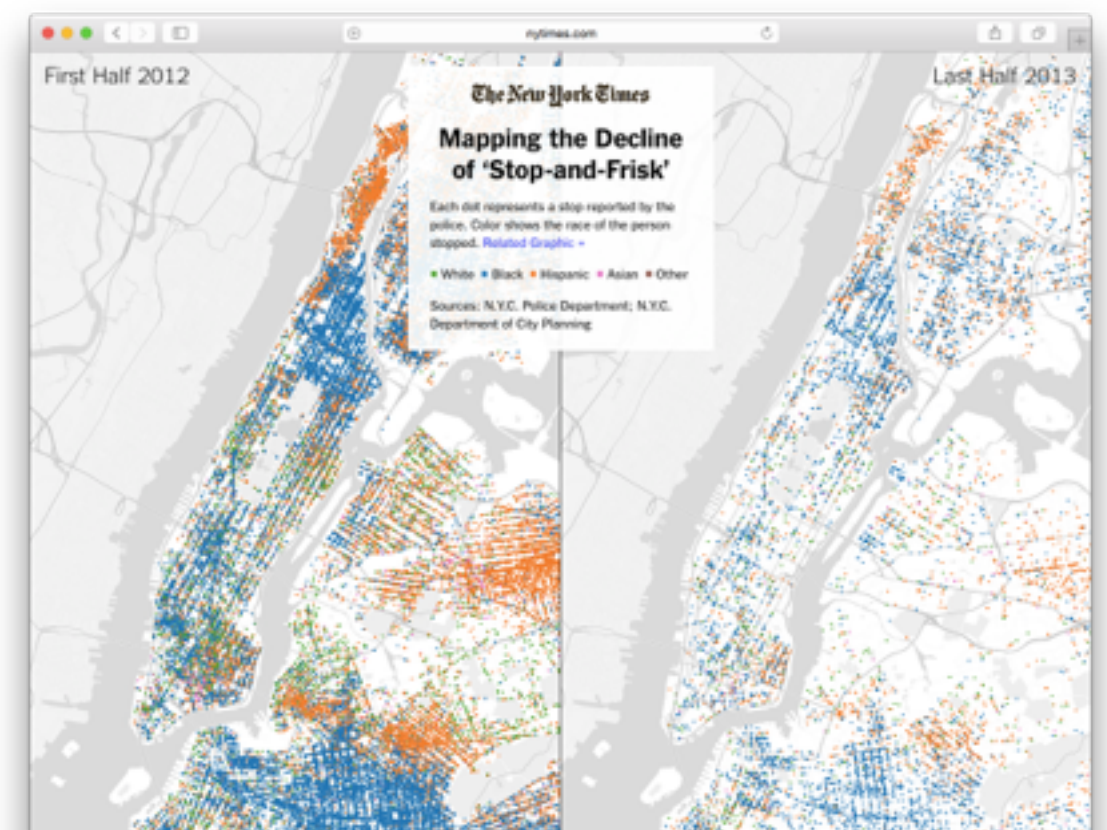
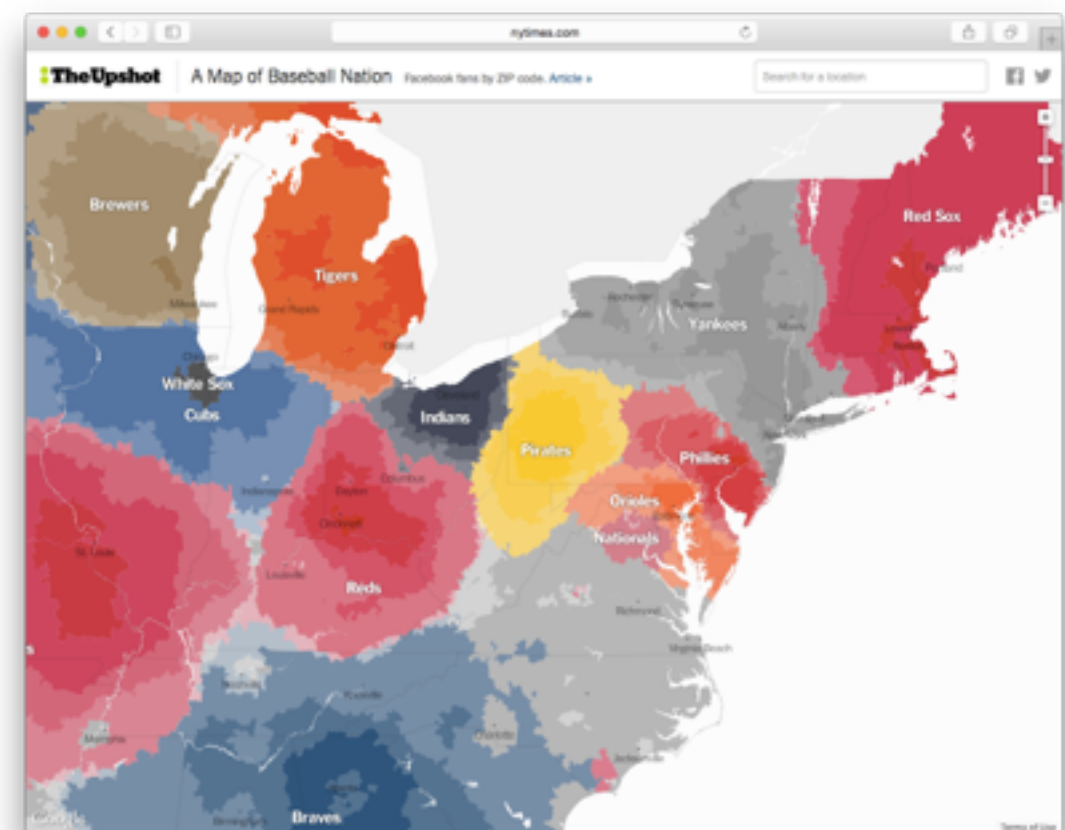
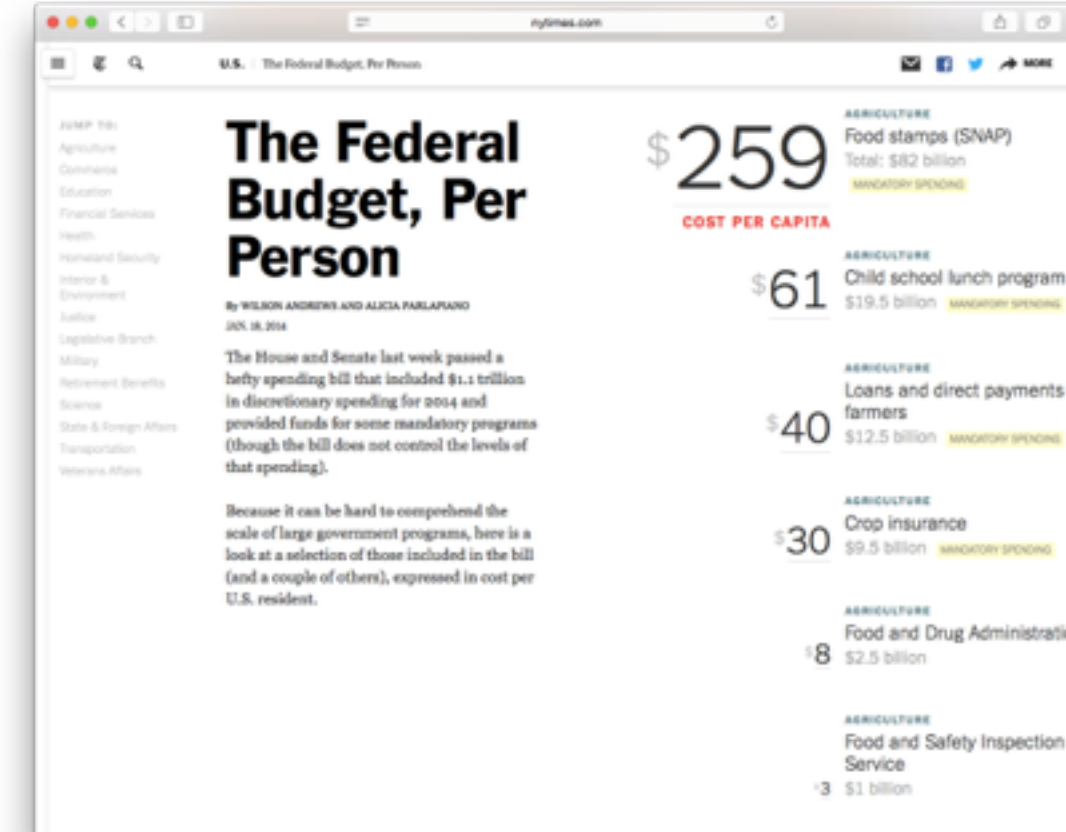
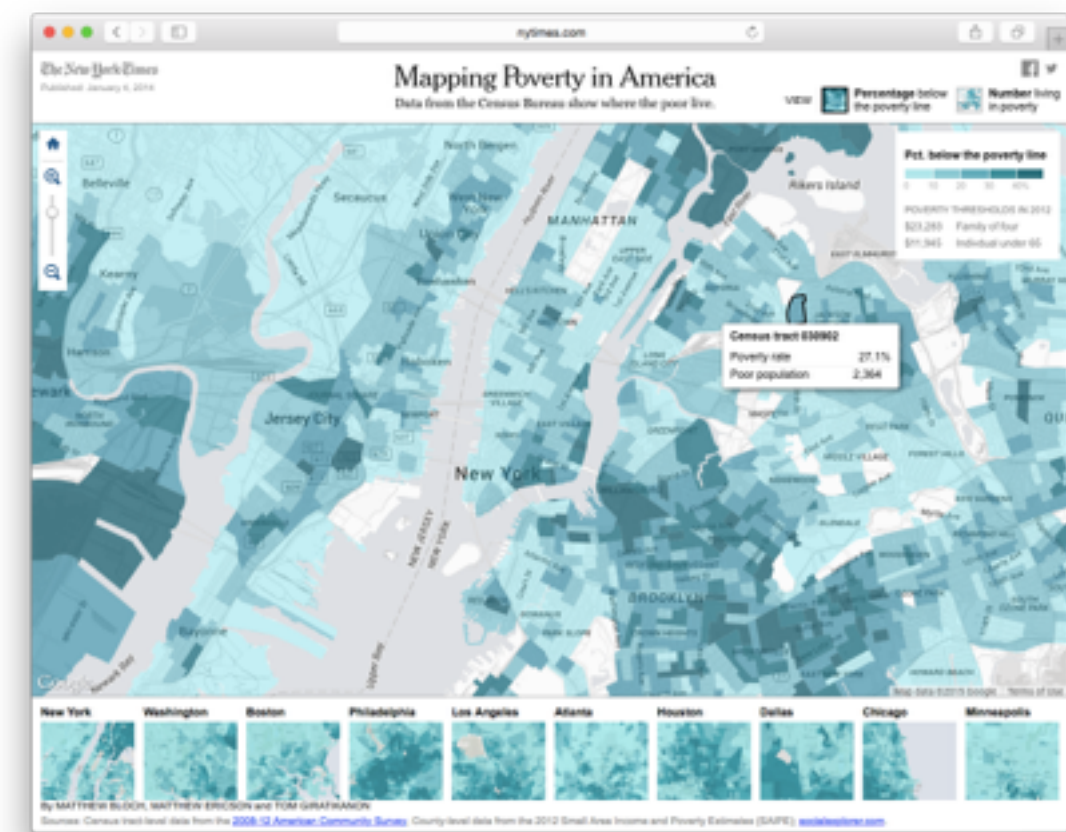
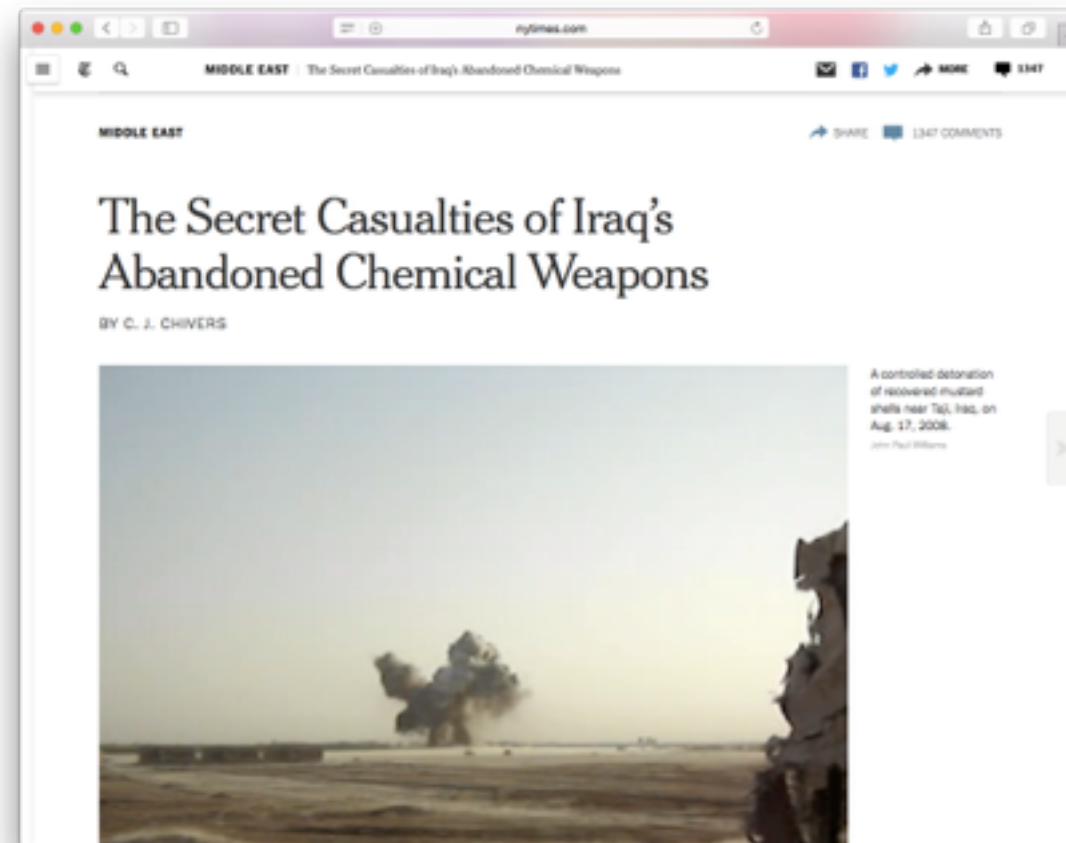
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PUNCHED OUT

THE LIFE AND DEATH OF AN N.H.L. ENFORCER



www.hulu.com/watch/364729





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Content and form

What makes a good data visualization?

d3js.org

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Data-Driven Documents

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D3.js is a JavaScript library for manipulating documents based on data using HTML, SVG, and CSS. D3's emphasis on web standards means you can use it to power modern browsers without tying yourself to a proprietary framework.

wired.com

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- Saved Metrics
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Trending

Trending Now Emerging

Politics

- #StandWithAhmed: Hashtag Surfaces in Support of Texas Student Arrested Over Homemade Clock
- #GOPDebate: 11 Top-Polling Republican Candidates Participate in CNN Debate
- Rick Santorum: Presidential Candidate Discusses Raising Minimum Wage During Early GOP Debate
- Income Inequality: Presidential Candidate Bernie Sanders Says US Economy is 'Rigged'
- George Pataki: Presidential Candidate Says Kentucky Clerk Refusing Same-Sex Marriages Should Be Fired
- Michael Specter: North Carolina Politician Shares Image Calling Obama 'Islamic Son of a B---'
- Jeremy Corbyn: UK Labour Leader Rejects Austerity, Says Conservative Ministers Are 'Poverty Deniers'
- Alaska Permanent Fund: Gov. Bill Walker Says He Will Announce 2015 Dividend Amount on Monday
- Gavin Newsom: California Lieutenant Governor Criticizes Donald Trump's Immigration Plan in Video
- Burkina Faso: Soldiers Detain West African Country's Interim President and Prime Minister, Official Says
- Jeremy Corbyn: UK Labour Leader Rejects Austerity, Says Conservative Ministers Are 'Poverty Deniers'
- Godavari River: Andhra Pradesh Government Finishes Linking Water Body With Krishna River Basin

Disaster

- Chile Earthquake: Tsunami Alert Issued for Country Following Reported 8.3-Magnitude Quake Off Coast

Trending Posts

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- She's living in a Barbie world. 974 likes. on hour ago
- Embed Post Save To Default Collection
- Boston.com: A photo of a person in a 'BRADY' jersey at a game.
- 2,359 likes. 27 minutes ago
- Embed Post Save To Default Collection
- FB Newswire: GOP DEBATE: Ronald Reagan Presidential Library offered at a sneak peek at the venue for Wednesday's Republican Party presidential debate. Reagan's restored Air Force One can be seen next to the stage set for 15 candidates. 11 leading Republican candidates, including Donald Trump, Jeb Bush, Scott Walker, Ben Carson, Ted Cruz, Marco Rubio, Mike Huckabee, Rand Paul, John Kasich, Chris Christie and Carly Fiorina, will join the main debate at 8 pm ET Wednesday, while four other contenders who did not qualify for the prime-time debate will participate in an earlier debate at 6 pm ET.
- This post is embeddable: Ronald Reagan Presidential Library via Facebook
- 9 likes. 0 days ago
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- FB Newswire: A video player showing a scene from a debate.

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If you're looking for a general overview of Facebook, this guide will set you up for success. You can also...

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- 8 channel plan

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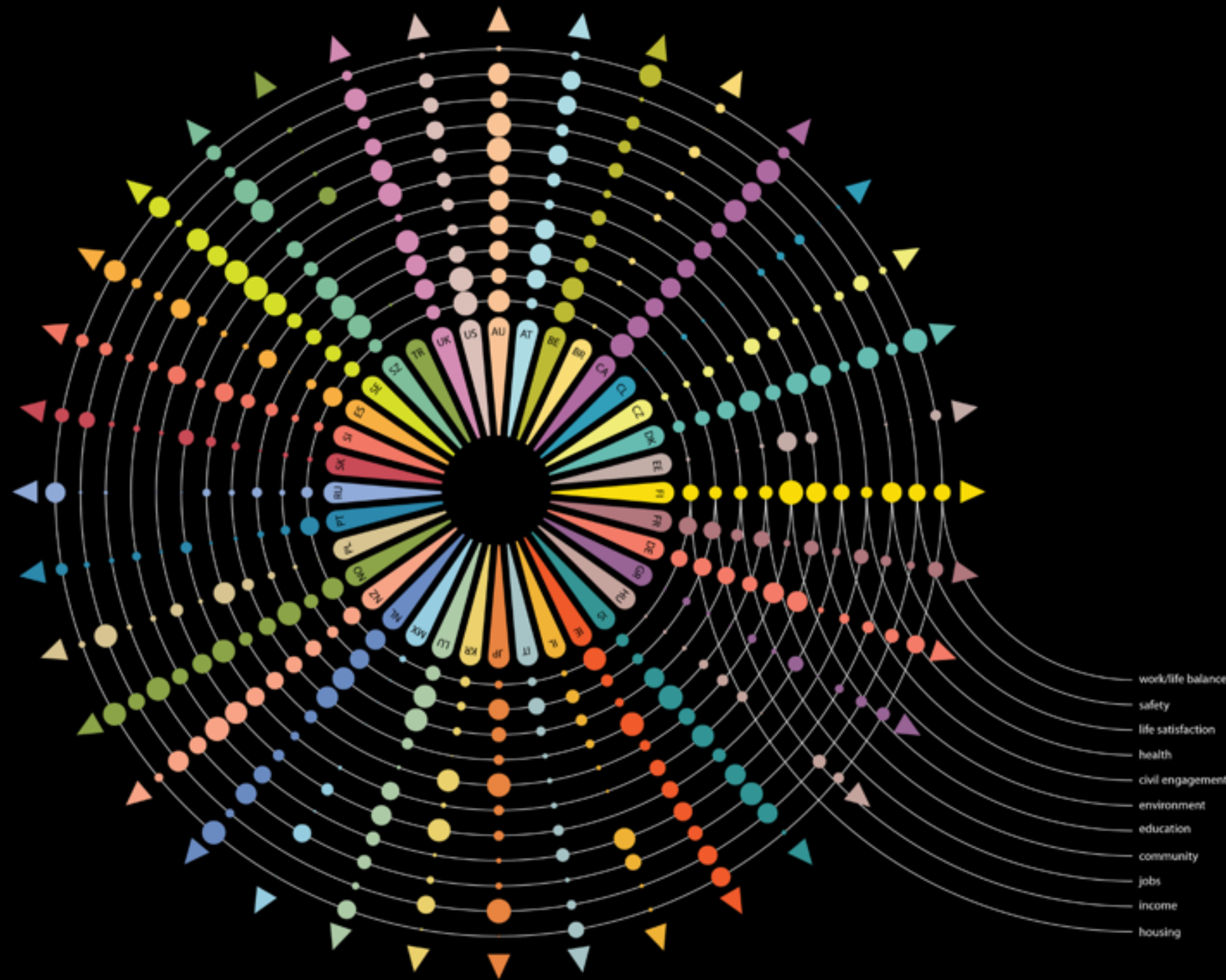
398

96

350

the better life snowflake

Data from The Organisation for Economic Co-operation and Development



So what's happening here?
Simple: 36 countries each a different colour and 11 categories. The bigger the circle the higher that country ranks in that category. Compare with other countries by following the circle.

Work/life balance
This category looks at the time devoted to leisure and personal care, families balancing children and work as well as employees working long hours.

Safety
Without security and safety one may feel stressed, anxious and vulnerable. The safety of each country is based on murders, assault and homicide rates.

Life Satisfaction
This category is where people measure their own life satisfaction on a long term scale in the areas of health, education, income, personal fulfilment and social conditions.

Health
It goes without saying that with health comes a better life. This category includes data from self-reported health and life expectancy of each country.

Civil Engagement
This includes the countries' involvement with democracy, constitution on rule-making and voter turnout.

Environment
Our local living environment plays a large role for health and wellbeing. Each country is based on overall quality of the environment, water quality and air pollution.

Education
Education is the gateway to skills, employment, involvement in the community etc. This category takes into account the amount of years in education, student skills and educational attainment.

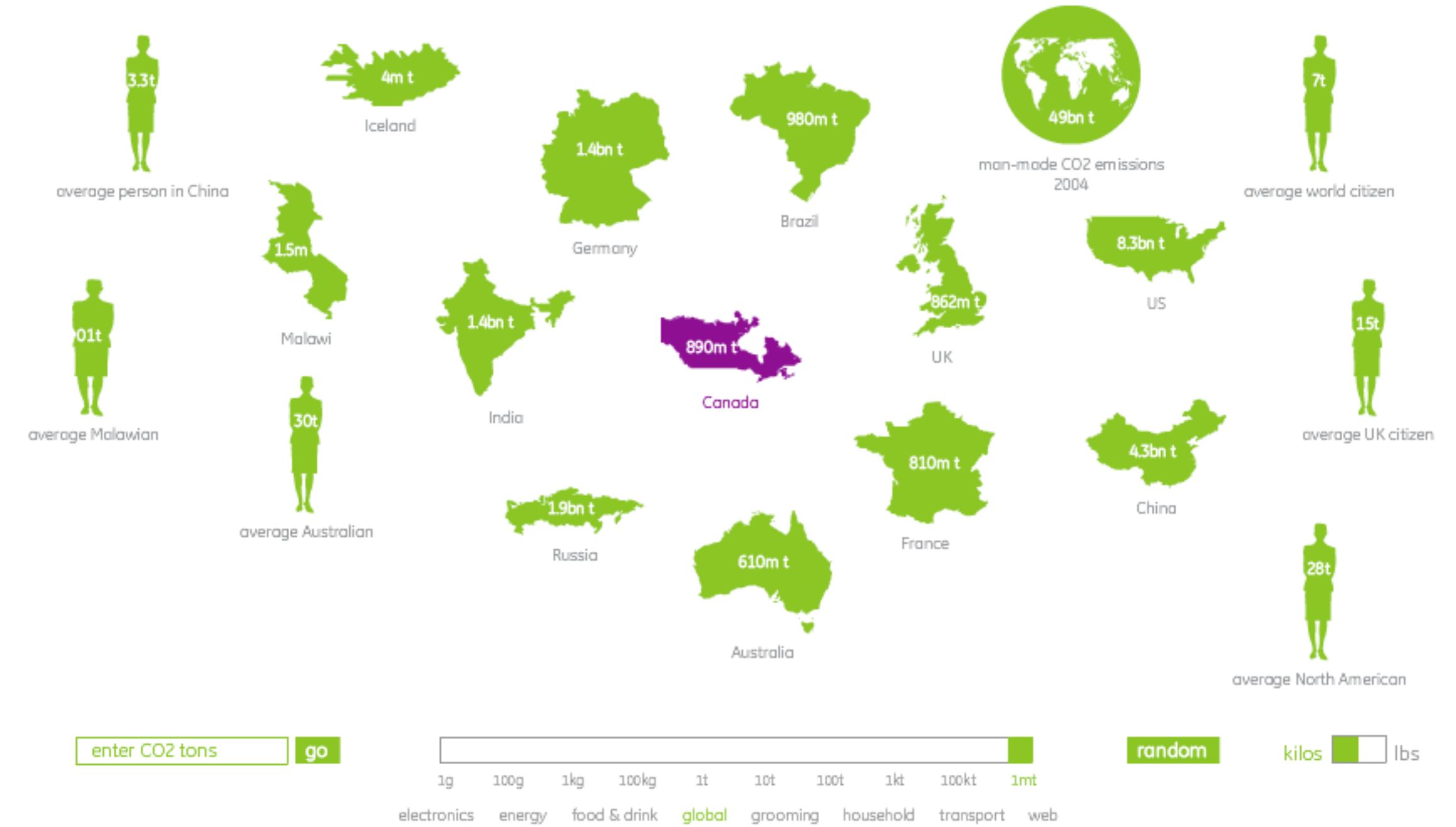
Community
It is known that those with greater sense of community generally have more positive feelings. This category is based on the quality of peoples support network within their communities.

Jobs
With having a job comes security, self-esteem and a connection with society. This category includes data in the area of job security, personal earnings, employment rate and long-term unemployment rate.

Income
Looking at a household's income and financial wealth and also household net adjusted disposable income (the amount made after taxes).

Housing
Shelter and housing is a basic need for human life. It should provide safety, a place to rest, personal space etc. This category is based on housing expenditure, dwellings with basic facilities and rooms per person.

How much CO₂ is created by...



CO₂ or CO₂-equivalent emissions figures from public and media sources using different methodologies. See "about this data" section on ge.com/visualization/CO2 for more. These figures are for illustrative purposes only and haven't been verified by GE. Per item or usage unless otherwise stated.

POLITIKEN SEKTIONER SØG DIT POLITIKEN MERE

POLITIK 6. MAJ 2015 KL. 19:09

Overblik: Bliv klogere på regeringens vækstpakke i tekst og grafik

Regeringen præsenterede i dag en del af sin vækstpakke. Politiken skaber grafisk overblik over de vigtigste punkter.



FOTO: Grafik: Jens March

Gem + Følg f t e

Announce

Fire ministre præsenterede i dag en stor del af regeringens vækstpakke, der i sin helhed kommer til at bestå af i alt 50 punkter.

Isoleret set er det her noget, der styrker vores sociale områder i Danmark og

POLITIKEN SEKTIONER SØG DIT POLITIKEN MERE

penge til erhvervslivet, men ikke til at løse dagpengeproblemet.

Butikker uden kontanter

Det er lovpligtigt for butikker at tage imod sedler og mønter, men den regel vil regeringen nu delvist afskaffe, så butikker i fremtiden kan nøjes med at tage imod for eksempel dankort eller betaling over mobil.

Dagligvarebutikker, posthuse, apoteker og andre butikker med receptpligtig medicin, læger, tandlæger, fysioterapeuter og lignende samt butikker på offentlige sygehuse og plejehjem skal stadig tage imod kontanter.

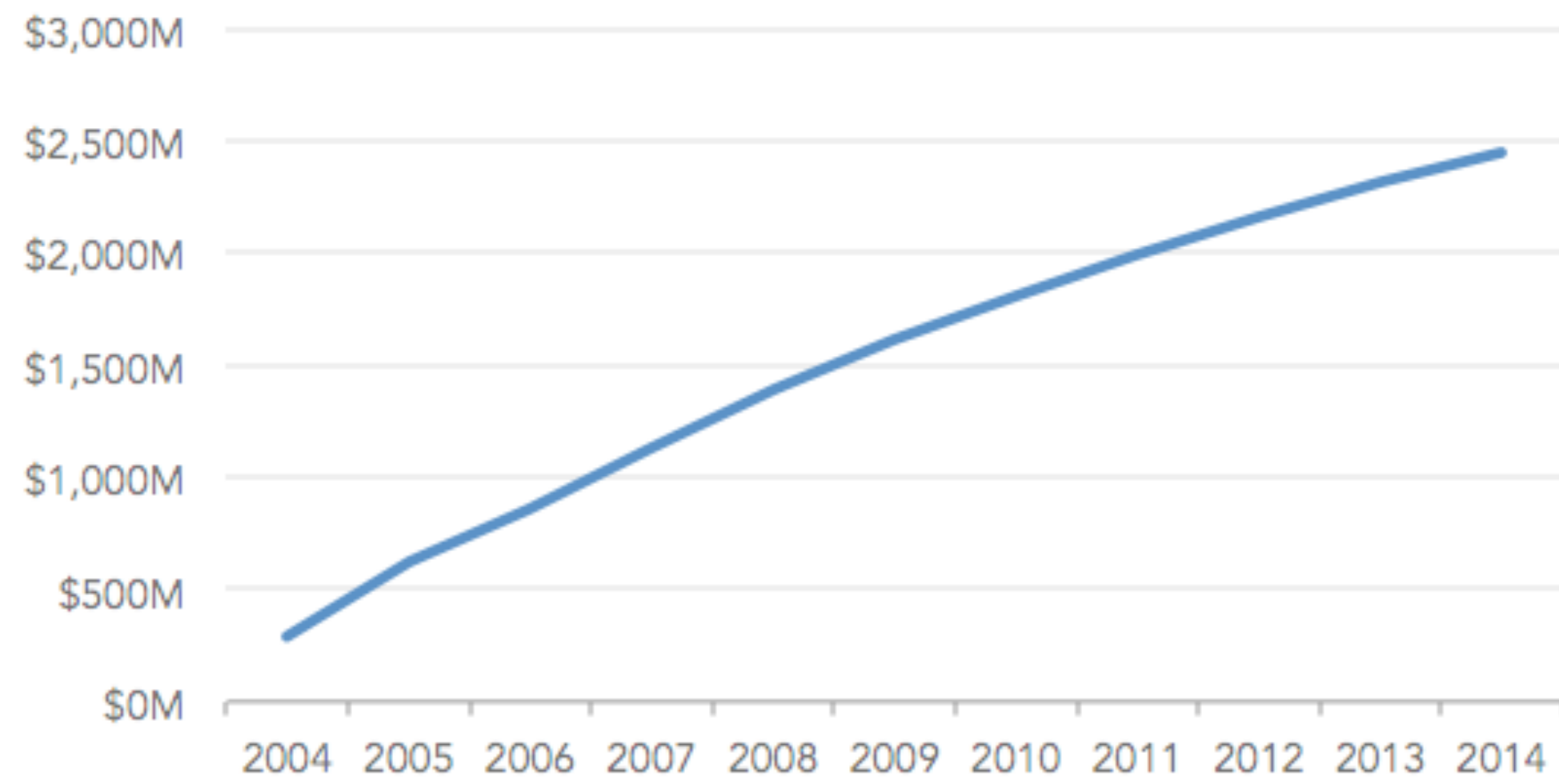
MOBILBETALING Mobilepay på vej i Føtex, netto, Salling og Bilka



Delvis afskaffelse af kontantreglen

Danske virksomheder har pligt til at tage imod mønter og sedler, men regeringen vil give en række virksomheder lov til kun at tage imod betaling på fx dankort eller mobilbetaling.

Cumulative Annual Revenue



Annual Revenue



“ Without aesthetic, design is either the humdrum repetition of familiar cliches or a wild scramble for novelty. Without the aesthetic, the computer is but a mindless speed machine, producing effects without substance. Form without relevant content, or content without meaningful form.”

Paul Rand

clickhole.com

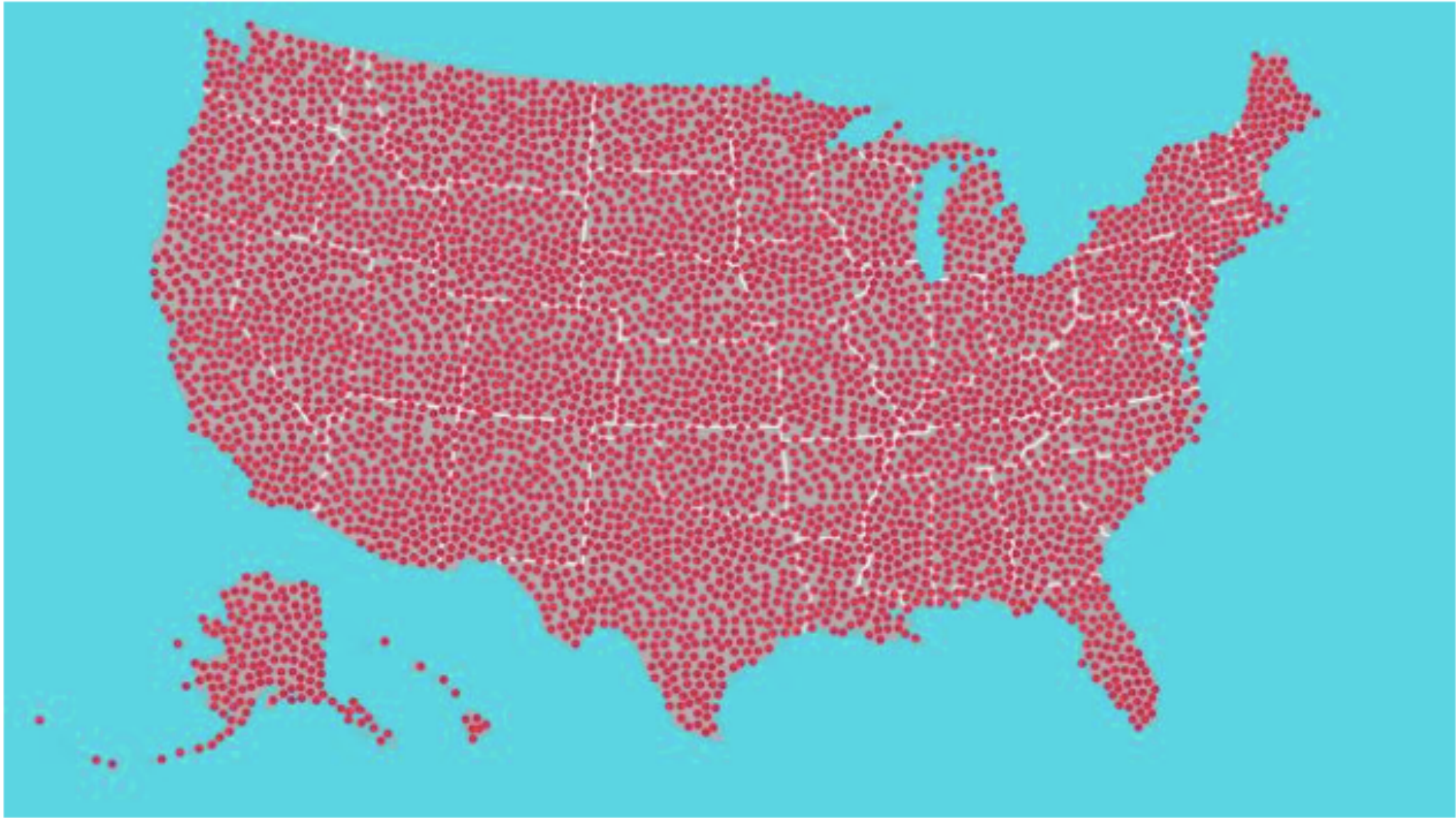
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NEWS

We Put 700 Red Dots On A Map

Posted Oct. 22, 2014




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Some statistics can be so unbelievable, or deal with concepts so vast, that it's impossible to wrap our heads around them. The human mind can only do so much to visualize an abstract idea, and often misses much of its impact in the translation. Sometimes you just need to step back and take a good, long look for yourself.

That's why we just put 700 red dots on a map.

the ONION VIDEO



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WE RECOMMEND

VIDEO
Heartbreaking: Twin Brothers Beg Themselves

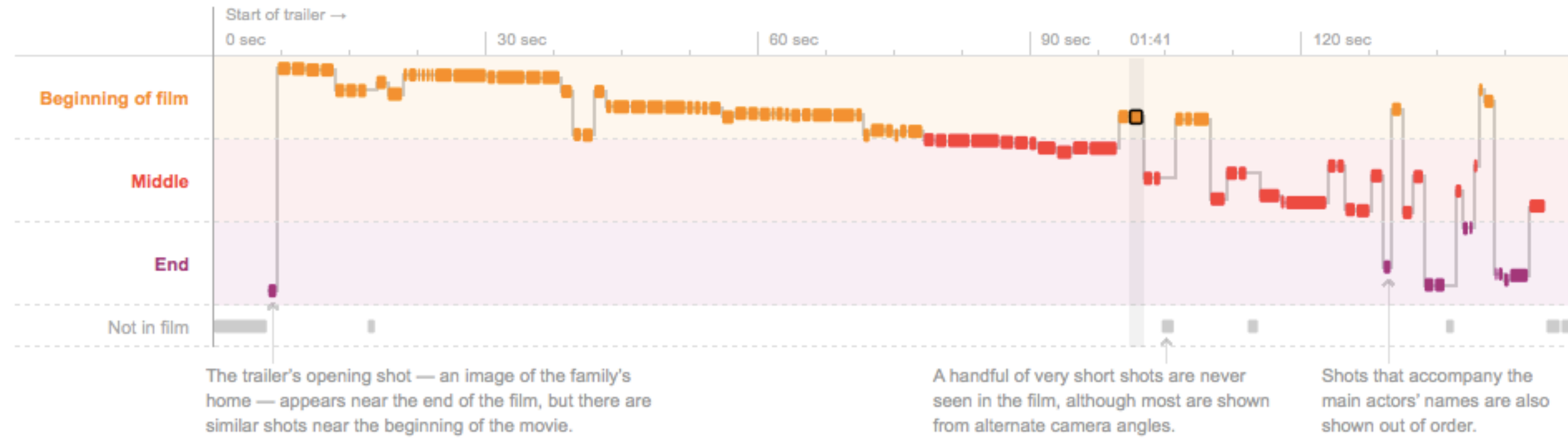
Design.

Dissecting a Trailer: The Parts of the Film That Make the Cut

How scenes from five of the nine best picture nominees were reassembled to promote the films.

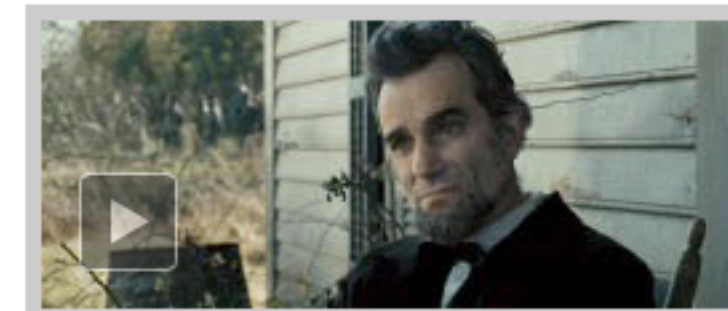
Silver Linings Playbook

“Silver Linings Playbook” follows the standard model for trailers, according to [Bill Woolery](#), a trailer specialist in Los Angeles who once worked on trailers for movies like “The Usual Suspects” and “E.T. the Extra-Terrestrial.” While introducing the movie’s story and its characters, the trailer largely follows the order of the film itself.



Lincoln

The “Lincoln” trailer is more like the typical teaser than a trailer, according to [Stephen Garrett](#), who owns [Jump Cut](#), a trailer house that specializes in foreign, independent and documentary films. While trailers often focus on plot or character descriptions, teasers establish the mood and tone of a film. Teasers “don’t have to be chronological,” Mr. Garrett said.



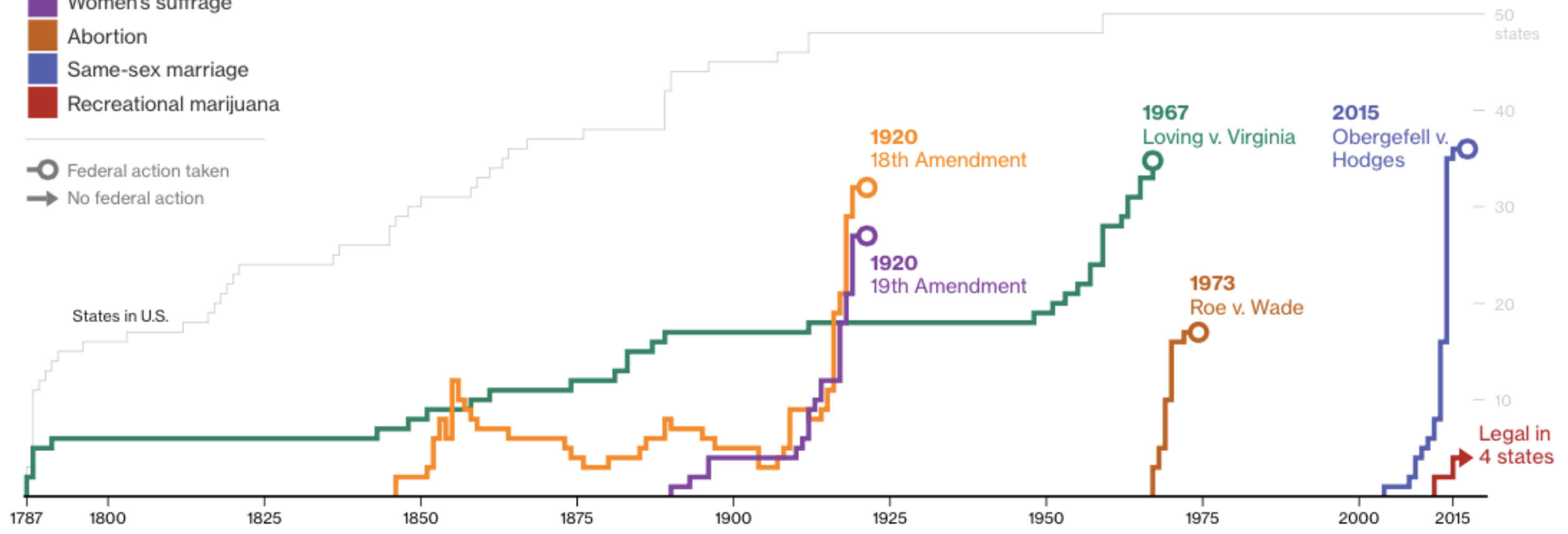


Tracking the Pace of Social Change

Number of states that have removed a ban, by year
(Prohibition shows the number of states that enacted)

- Interracial marriage
- Prohibition
- Women's suffrage
- Abortion
- Same-sex marriage
- Recreational marijuana

- Federal action taken
- No federal action



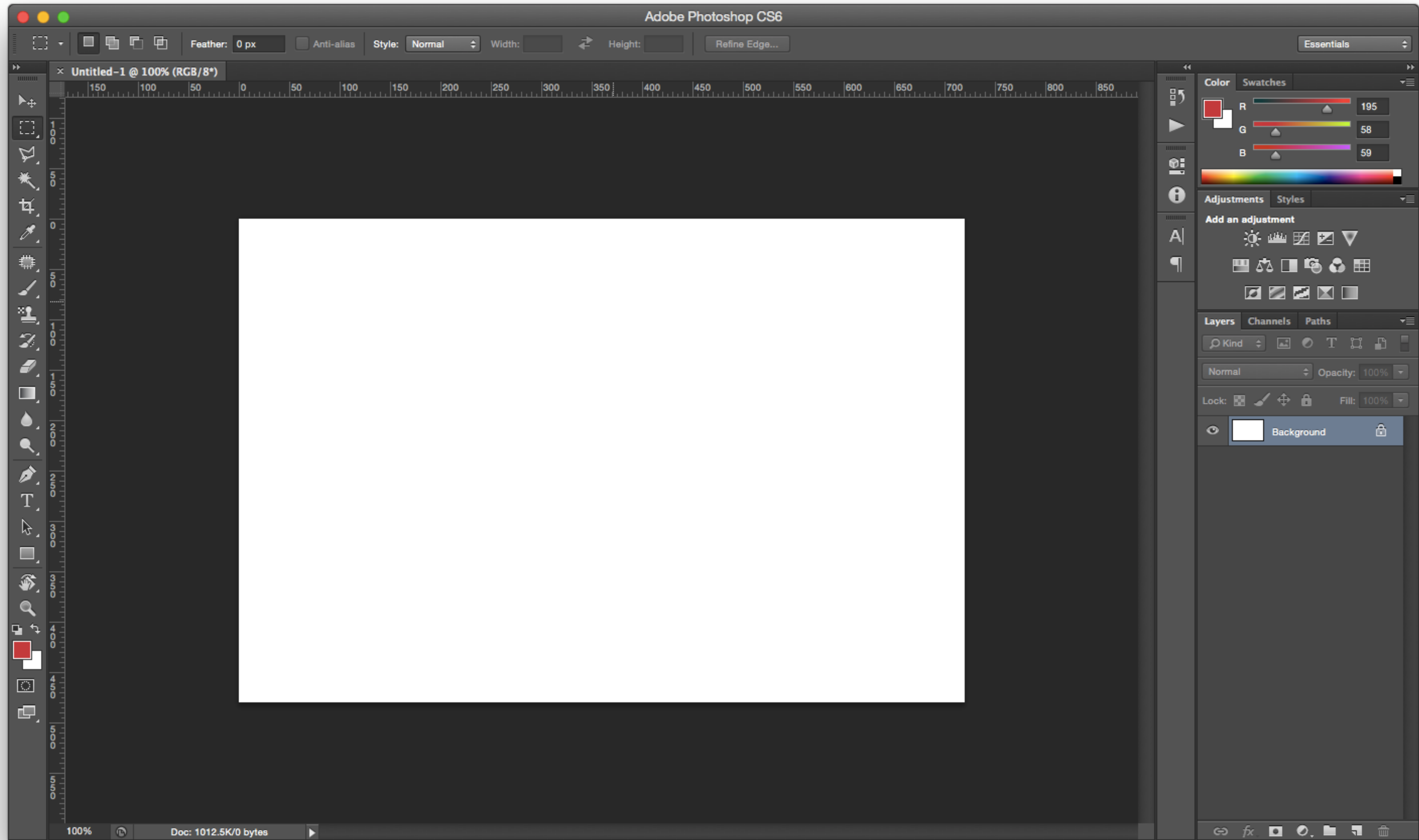
“ Design is a system of relationships between all of the aspects of the problem, which means the relationship between you and the piece of canvas, you and the eraser, you and the pen. This is one of the reasons why design is so difficult to accomplish. Because every time you do something, the potential for making mistakes is enormous. The process of designing is from complexity to simplicity. The part of complexity is filled with all kinds of horrible problems. ”

Paul Rand

Design is changing

From design to meta-design





“It’s important to use your hands. This is what distinguishes you from a cow or a computer operator.”

Paul Rand



Mobile Web Development

Building Mobile Web Experiences

So you've heard mobile is kind of a big deal, and you're not sure how to transform your traditional desktop-focused web apps into fast, effective multi-device experiences.

This course is designed to teach web developers what they need to know to create great cross-device web experiences.

This course will focus on building mobile-first web apps, which will work across multiple platforms including:

- Android,
- iOS,
- and others.

Register for the launch

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What will I learn?

After completing this class, you'll have built a web application with a first-class mobile experience.

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What will I learn?

After completing this class, you'll have built a web application with a first-class mobile experience.

You'll understand what it takes to:

- build great web experiences on mobile devices
- use the tools you need to test performance
- apply your knowledge to your own projects in the future

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So you've heard mobile is kind of a big deal, and you're not sure how to transform your traditional desktop-focused web apps into fast, effective multi-device experiences.

This course is designed to teach web developers what they need to know to create great cross-device web experiences.

This course will focus on building mobile-first web apps, which will work across multiple platforms including:

- Android,
- iOS,
- and others.

Register for the launch

Name

Email address

Telephone

These are standard library verbs -- except that I added "raising" and "lowering". They are all general; you can apply them to any object, although you might get a "nothing happen" or "you can't do that" response. All of them have a range of word-level synonyms, of course.

These are specific actions: the verbs above applied to specific objects. At this layer, I am defining action synonyms. For example, taking the anchor is counted as raising it, whether the player types "get anchor", "take anchor", or "stow anchor".

These are special actions which only make sense for a single object. If you try to "weigh" anything other than the anchor, the game explains that that makes no sense. No other actions redirect to these; they're solely for the player to type.

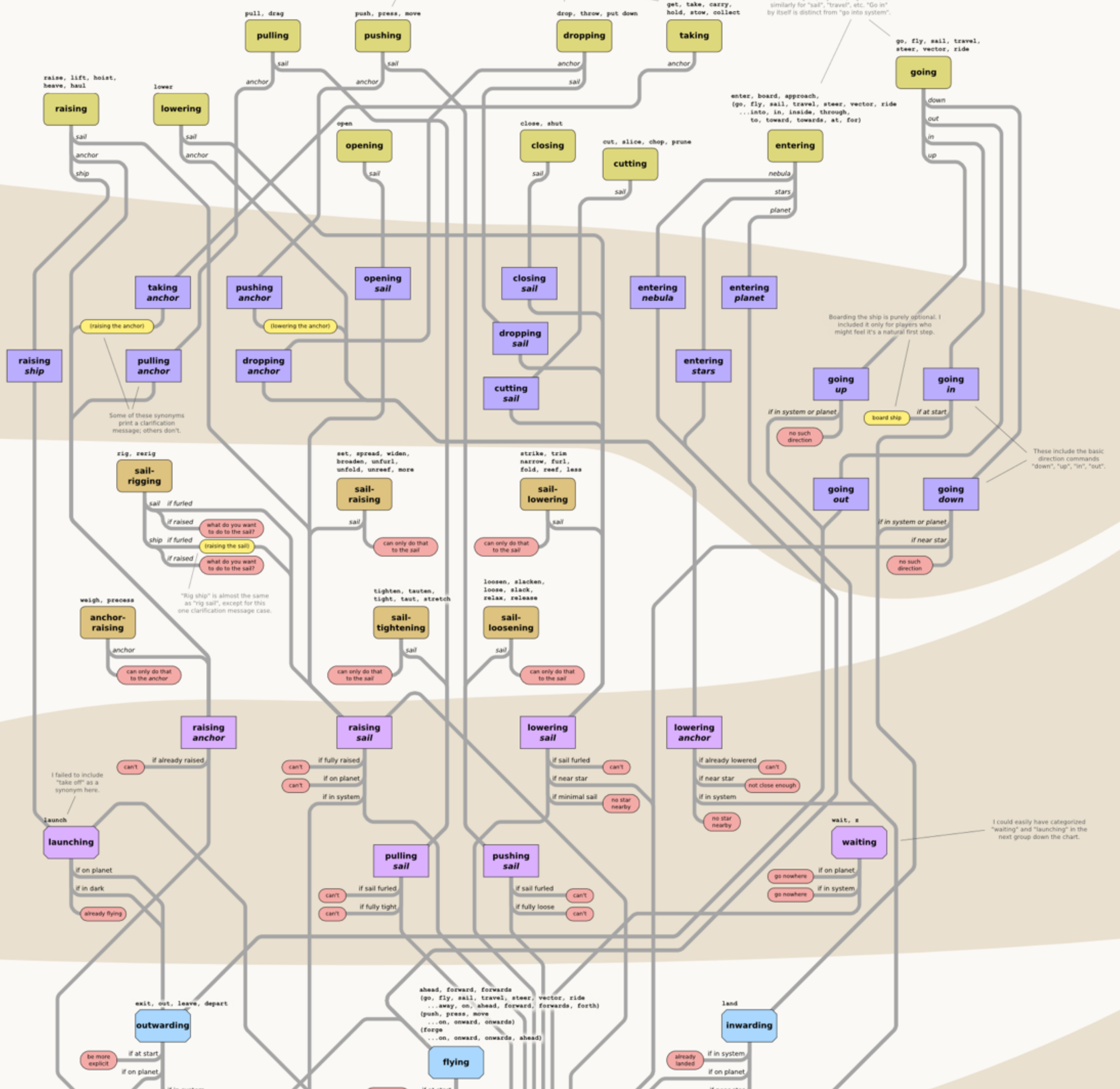
It's unnecessarily confusing that the "anchor-raising" action has no function but to invoke "raising the anchor". If I were to start from scratch, I'd do it the other way around; "anchor-raising" would be the functional code and everything else would funnel into it. But this is the way the code evolved.

These are all the important intentional actions. That is, every ship-controlling action that the player wants to type will funnel into one of these. Moreover, the player should always know which one was invoked. These are the range of action.

The errors at this level are intended to teach the player what it makes sense to try. For example, you can't stop in deep space or raise your sails beyond their capacity.

These are abstract intentional actions. The player can use them as shortcuts for direct manipulation of the ship, in simple cases. (Adjusting the sails is complicated, and a puzzle element, so it has no shortcuts.)

These shortcuts don't work at the very beginning of the game; the player is required to work the anchor and sails directly. Once the player reaches deep



Boarding the ship is purely optional. I included it only for players who might feel it's a natural first step.

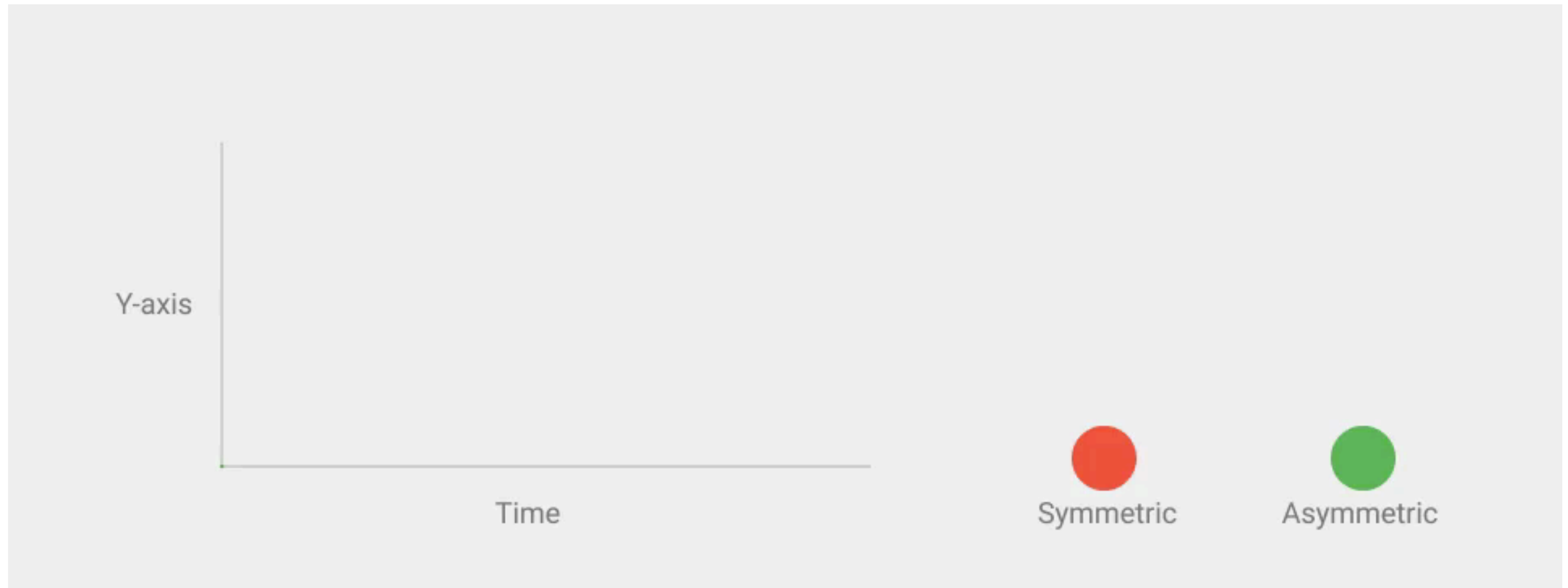
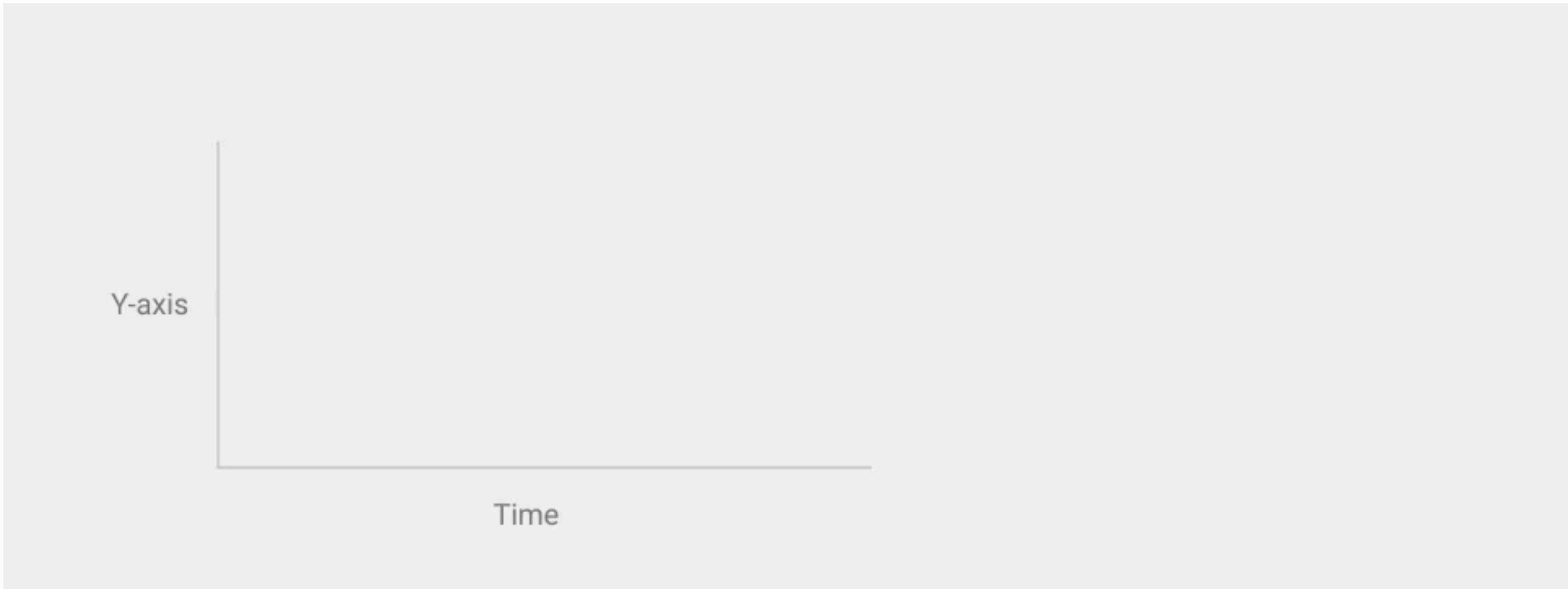
Some of these synonyms print a clarification message; others don't.

"Big ship" is almost the same as "rig sail", except for this one clarification message case.

I failed to include "take off" as a synonym here.

I could easily have categorized "waiting" and "launching" in the next group down the chart.

These include the basic direction commands "down", "up", "in", "out".



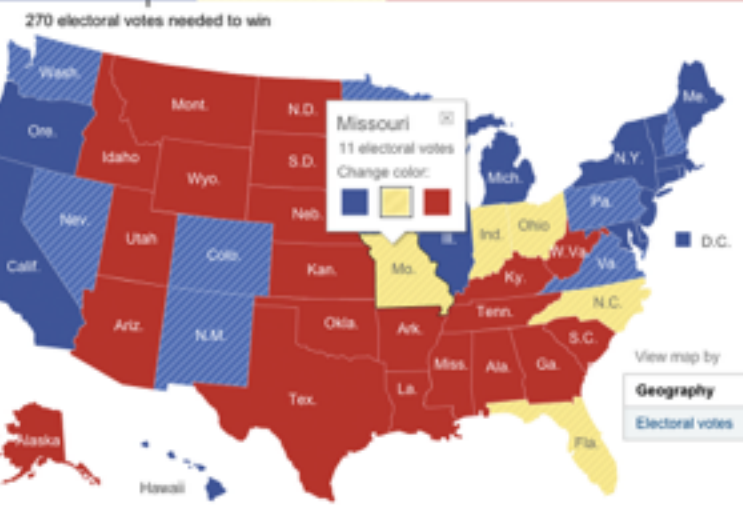
The Electoral Map: Key States

By ADAM NAGOURNEY, JEFF ZELENY AND SHAN CARTER
November 4, 2008

- EMAIL
- SHARE
- FEEDBACK

Times map Your map

Obama 291 **163 McCain**
291 Won by Obama 84 Tossup 163 Won by McCain

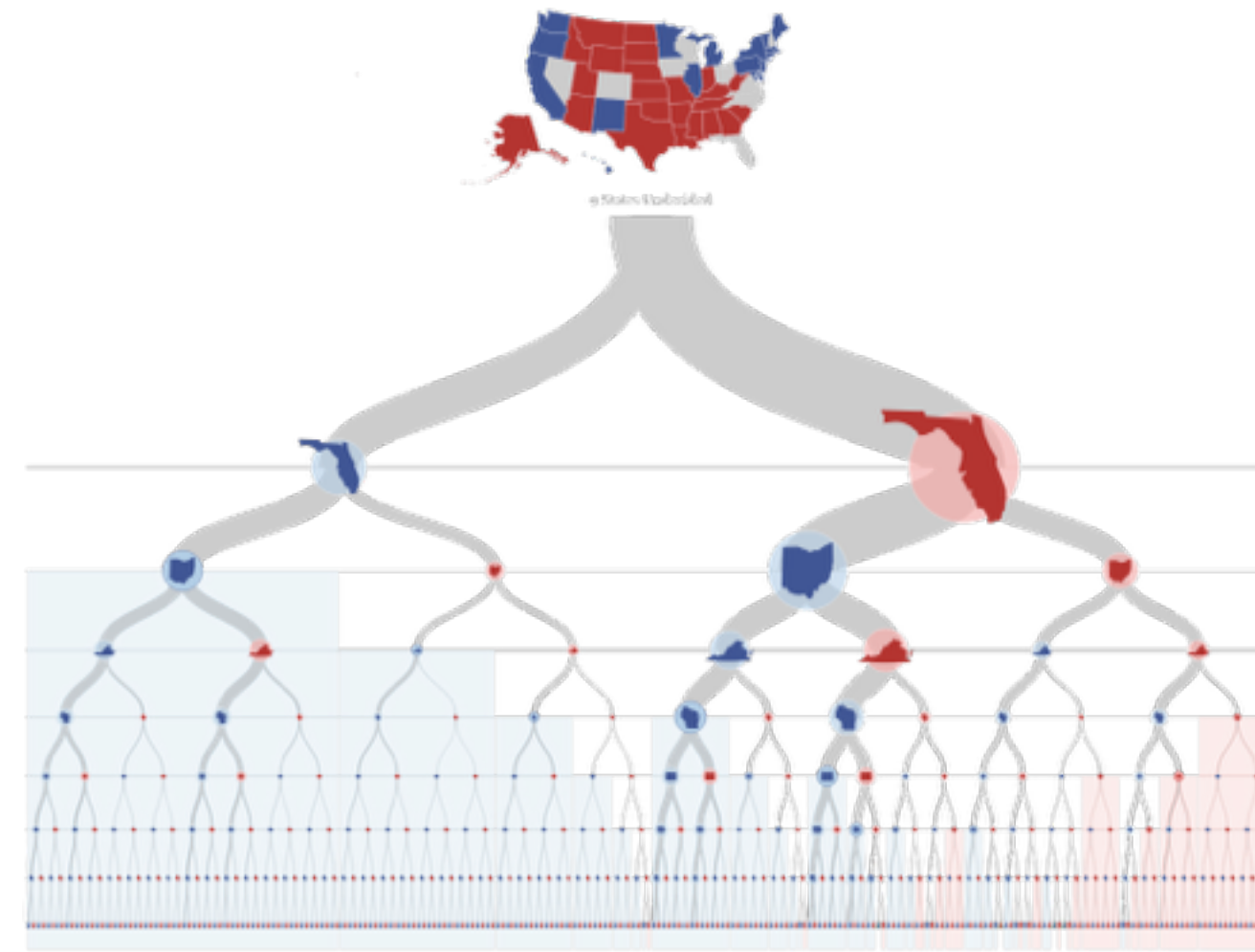
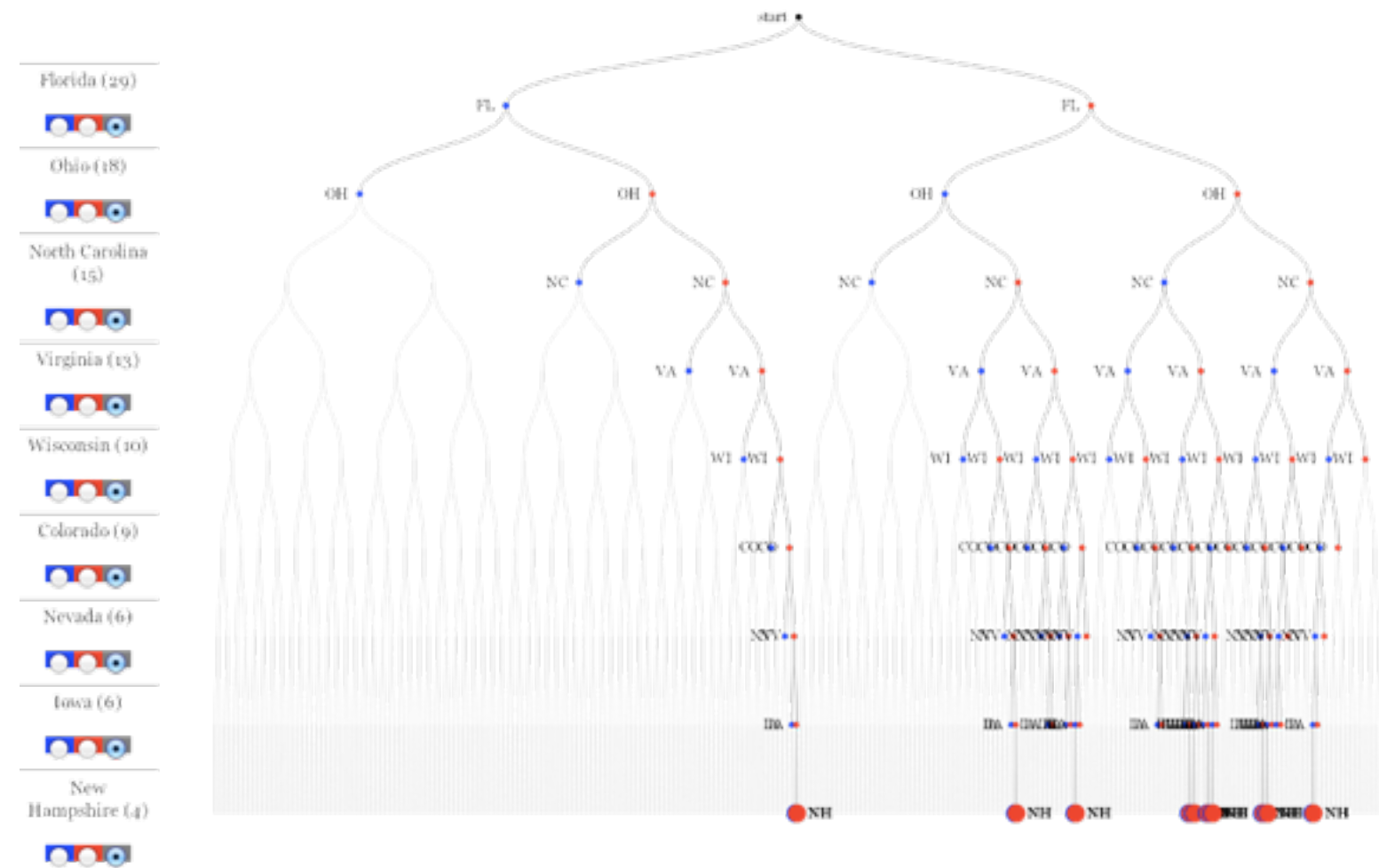
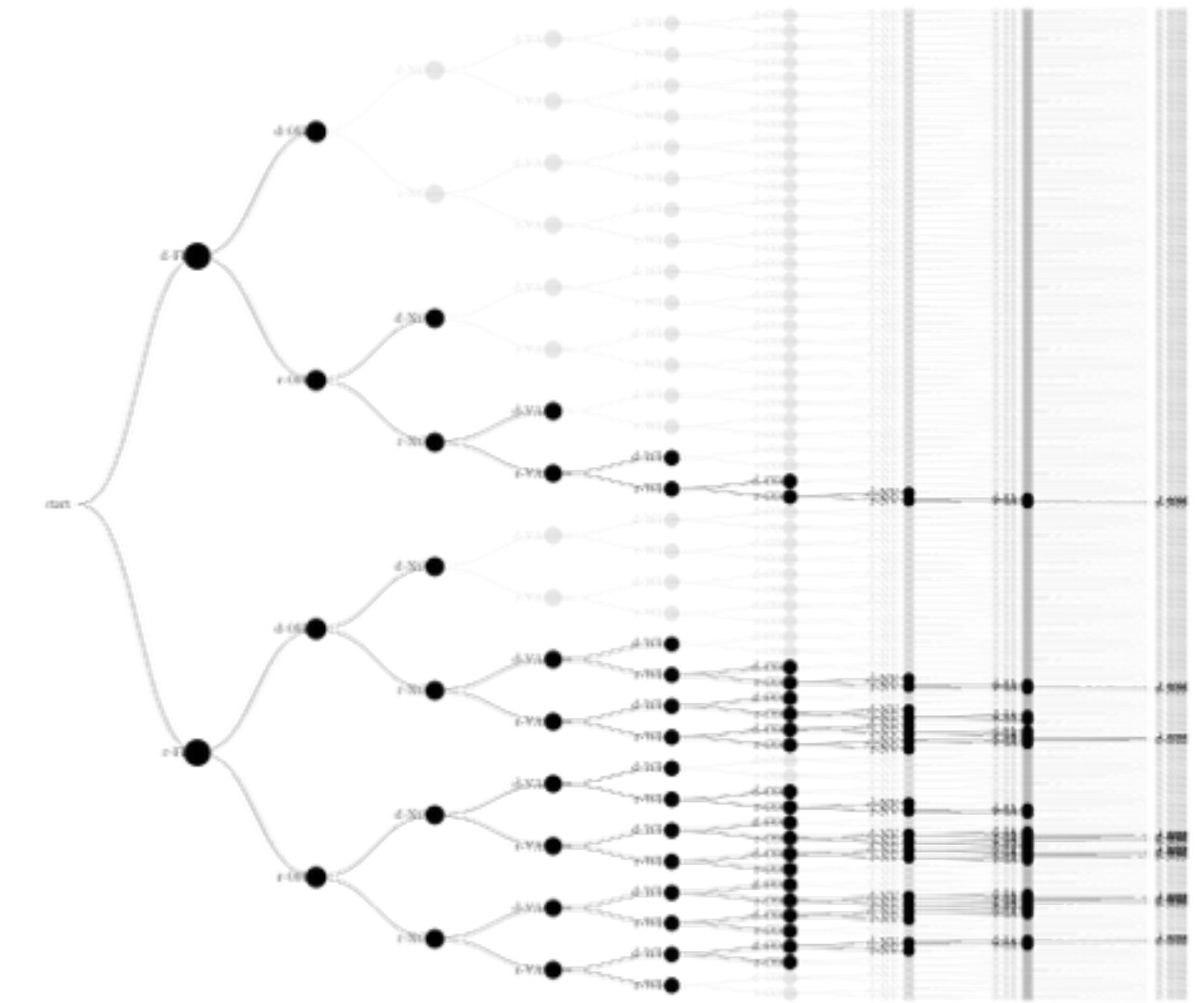
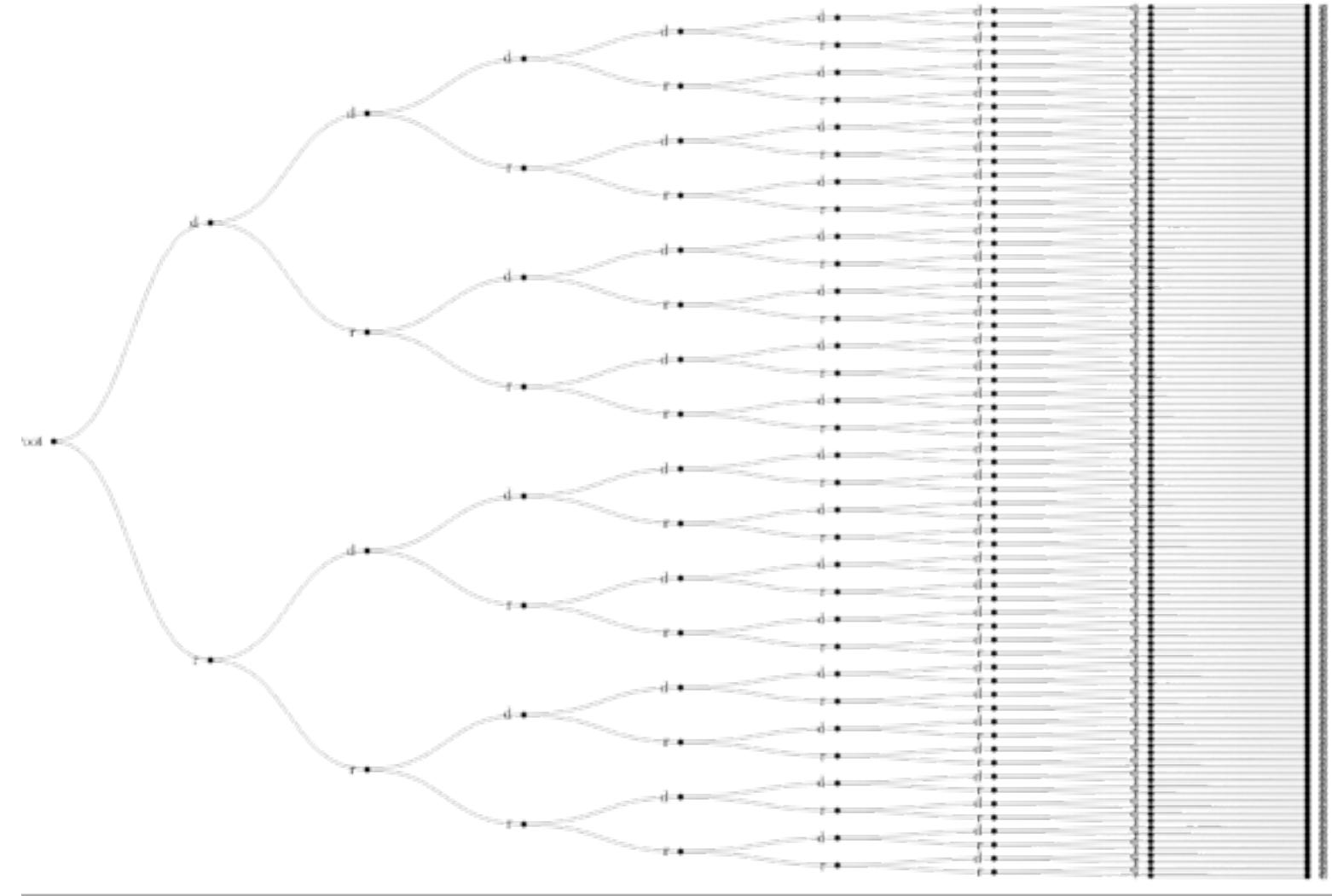


Click on a state to make your prediction for the 2008 election or choose a preset below. Your changes will be saved to this computer.

- Reset map to The Times's ratings
- Set all Times's tossups to Obama
- Set all Times's tossups to McCain
- Randomize Times's tossups
- Set map to 2004 results
- Set map to 2000 results

Show link to this map

Recent polling	Obama	McCain	
Polls conducted by Interactive Voice Technology, including Rasmussen and SurveyUSA, do not meet the Times' polling standards and are not included.			
Oct. 30	46.0%	47.0%	+/-4% Mason-Dixon Polling & Research
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Oct. 19	44.0%	45.0%	+/-4% Suffolk University

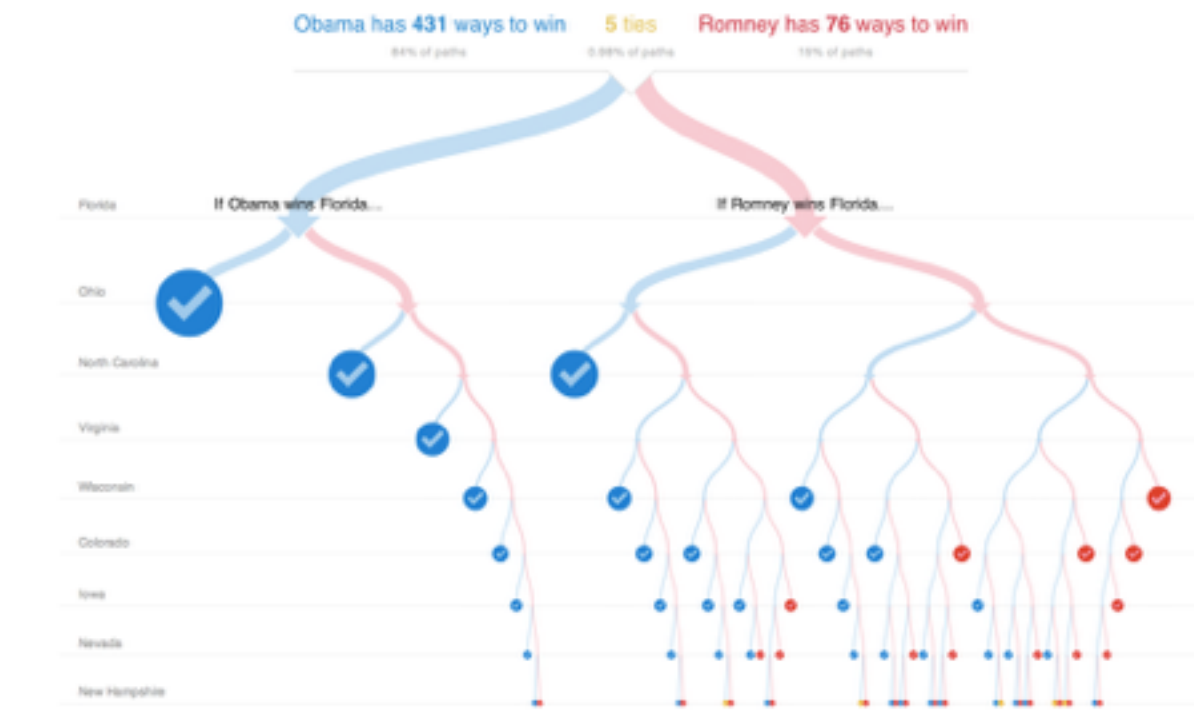


Paths to the White House

Map | Big Board | Scenarios | Exit Polls

President Obama won a clear victory, but his popular vote margin in several battleground states was very thin. Select a winner in the most competitive states below to explore alternate electoral outcomes.

Fla.	Ohio	N.C.	Va.	Wis.	Colo.	Iowa	Nev.	N.H.
Dem. Rep.	Dem. Rep.	Dem. Rep.	Dem. Rep.	Dem. Rep.	Dem. Rep.	Dem. Rep.	Dem. Rep.	Dem. Rep.
50% 49%	50% 48%	48% 51%	51% 48%	53% 46%	51% 47%	52% 48%	52% 46%	52% 46%

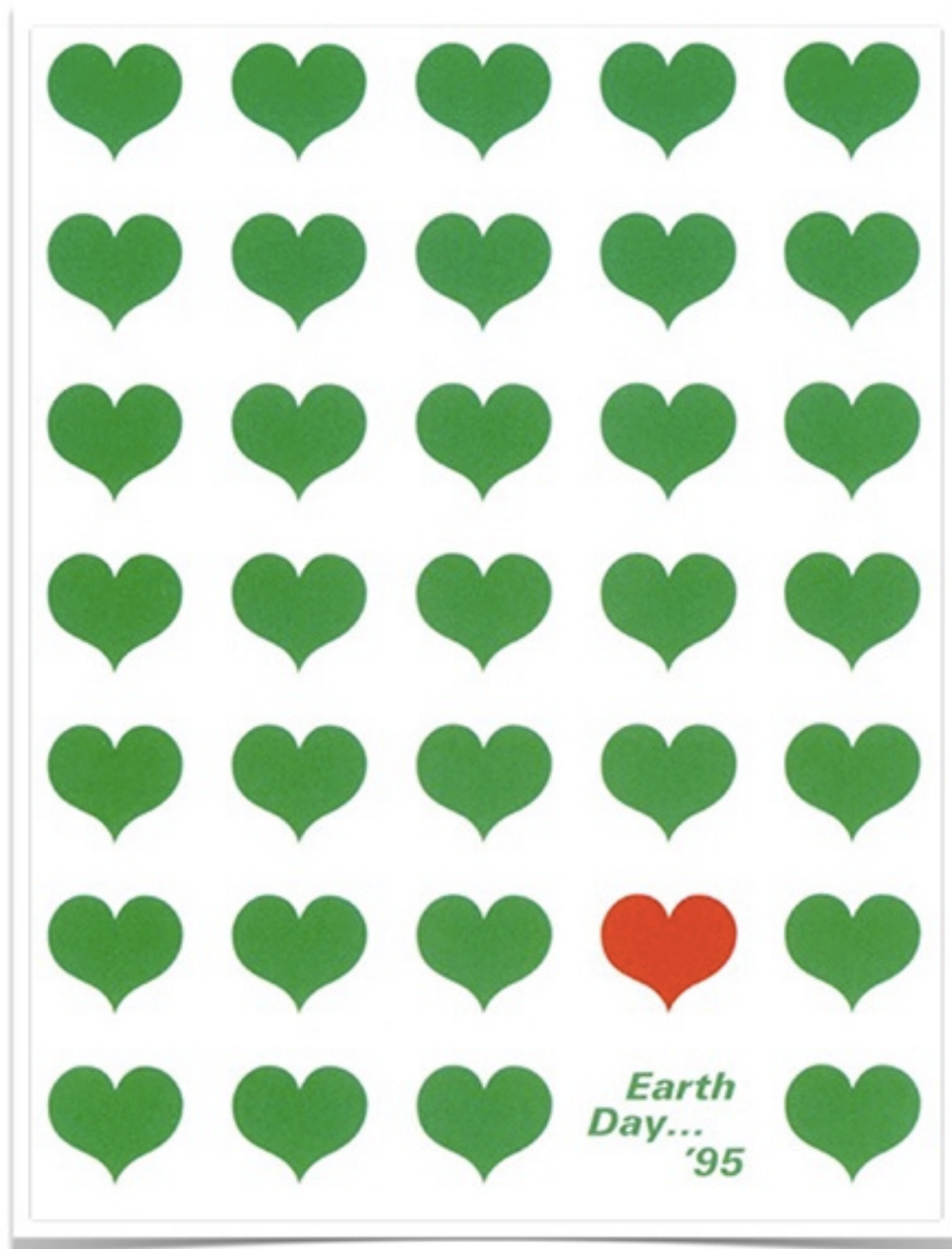




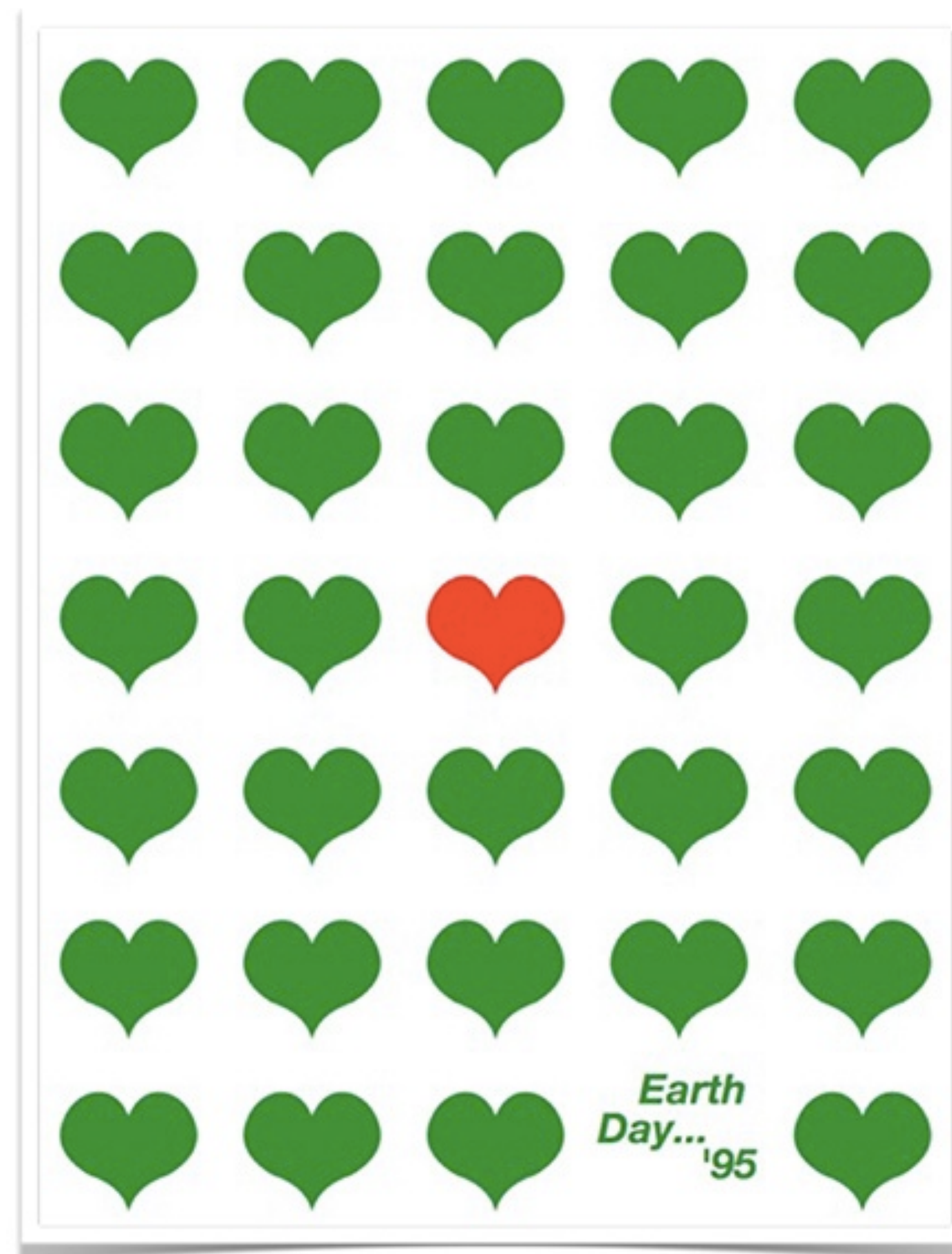
“Meta-design is much more difficult than design; it’s easier to draw something than to explain how to draw it.”

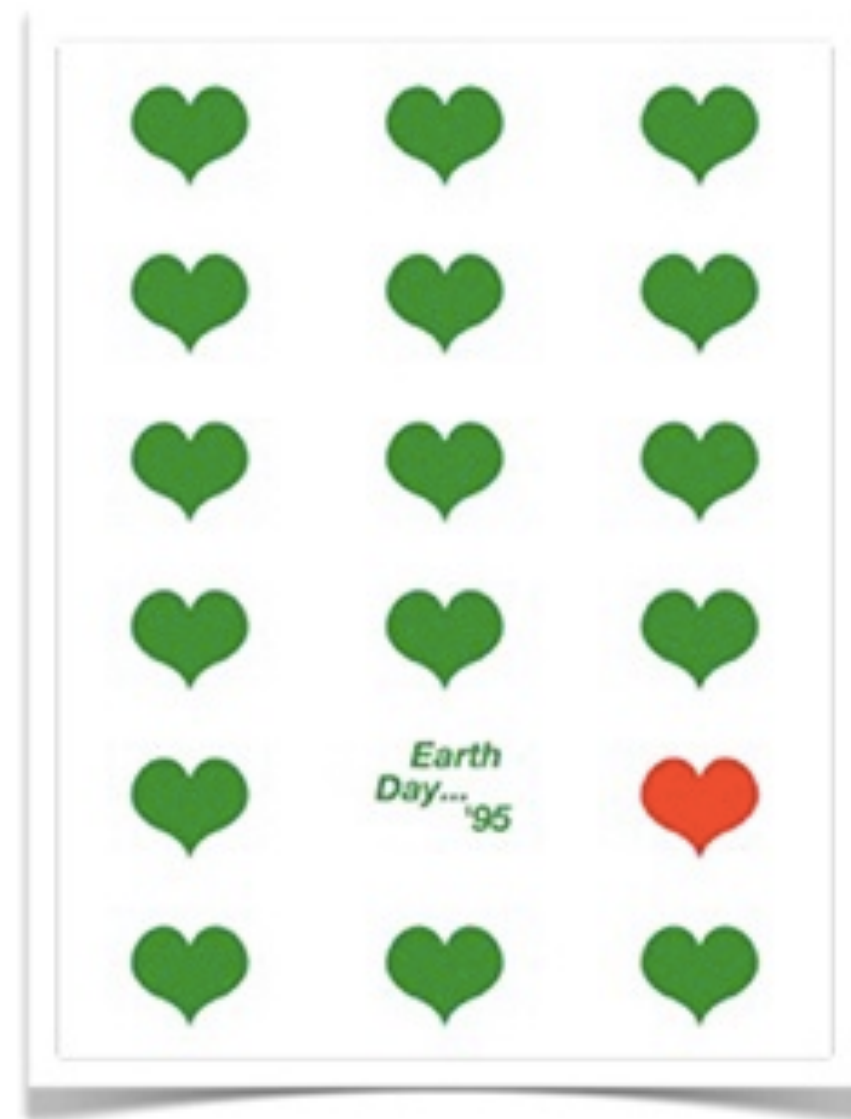
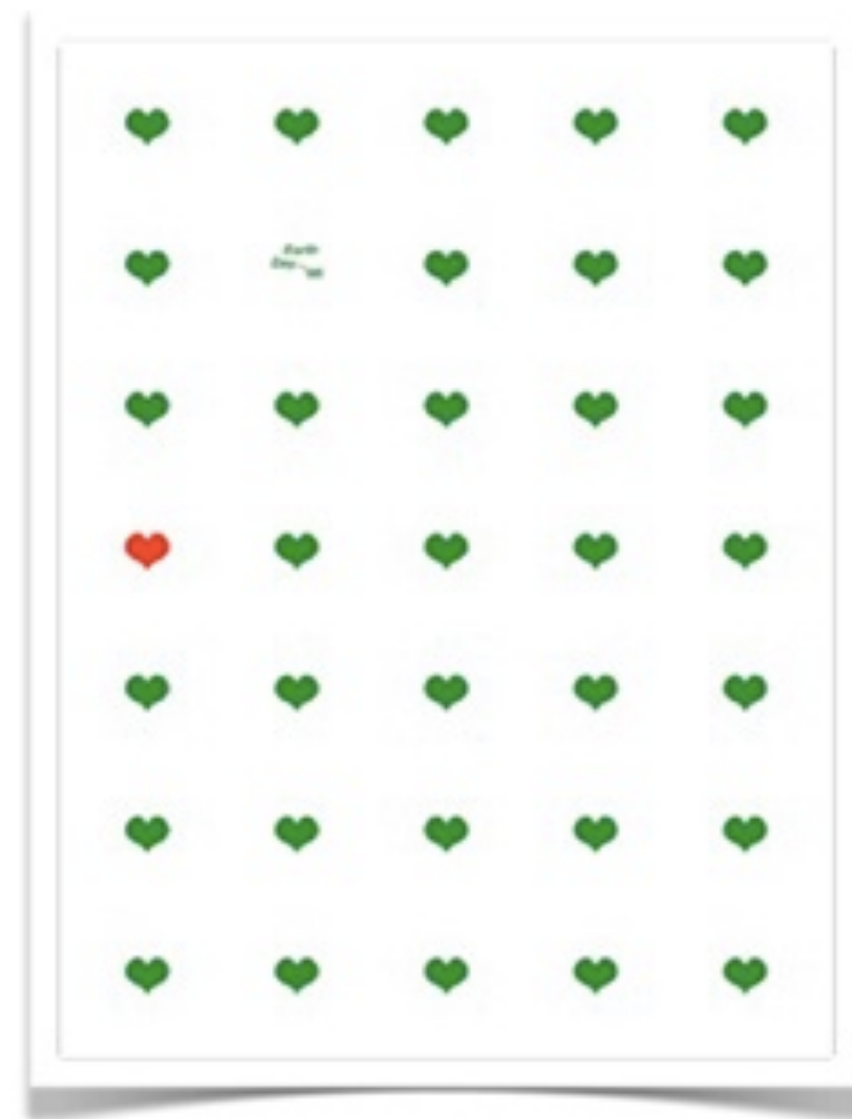
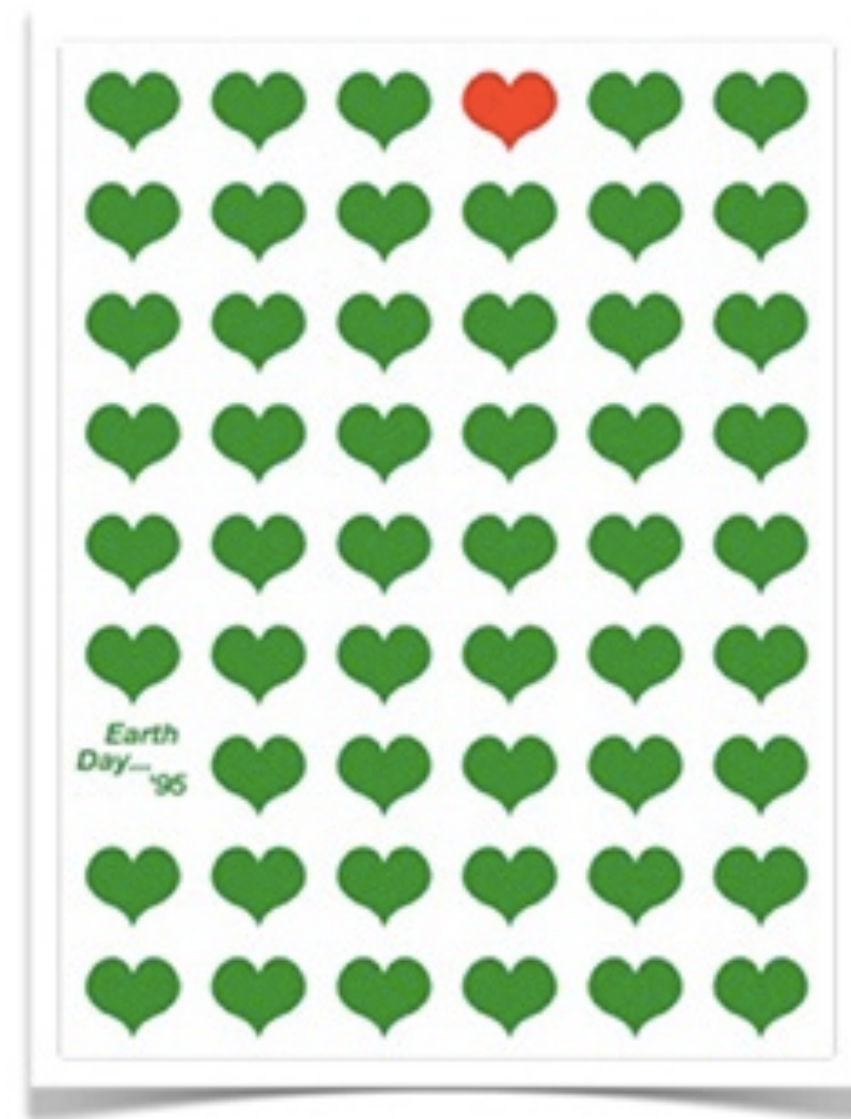
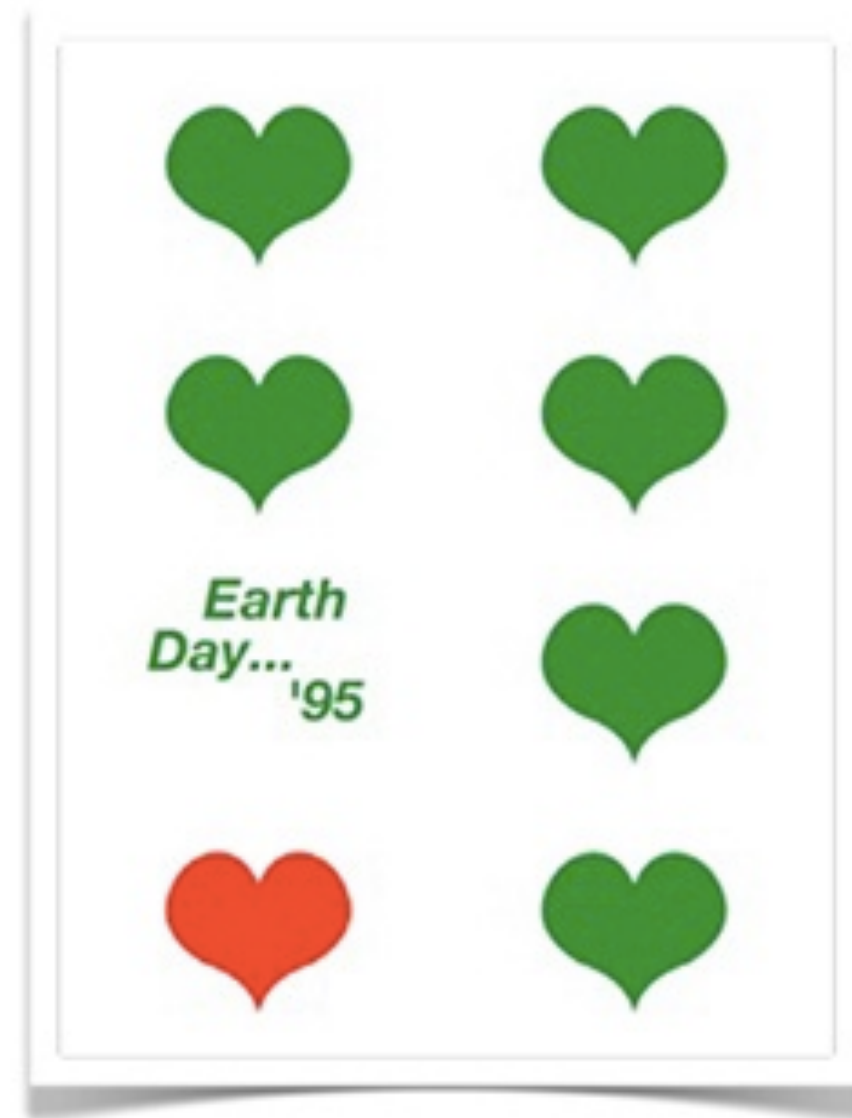
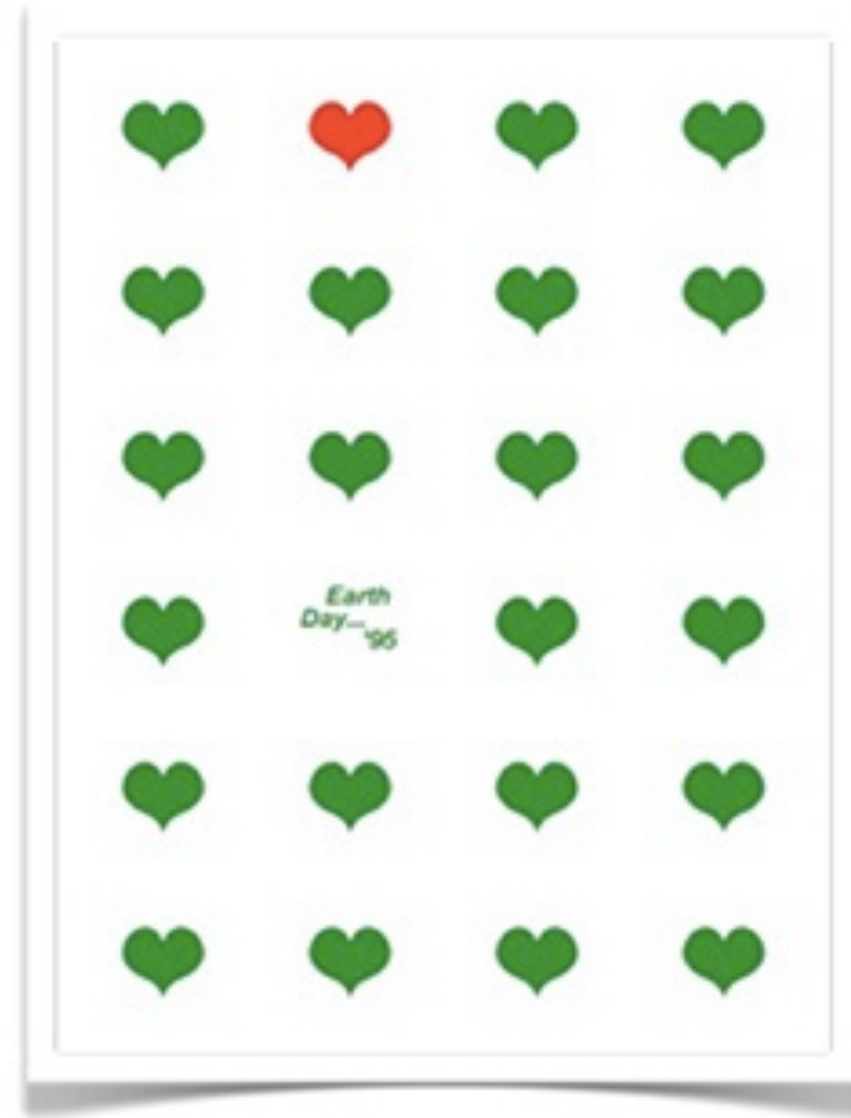
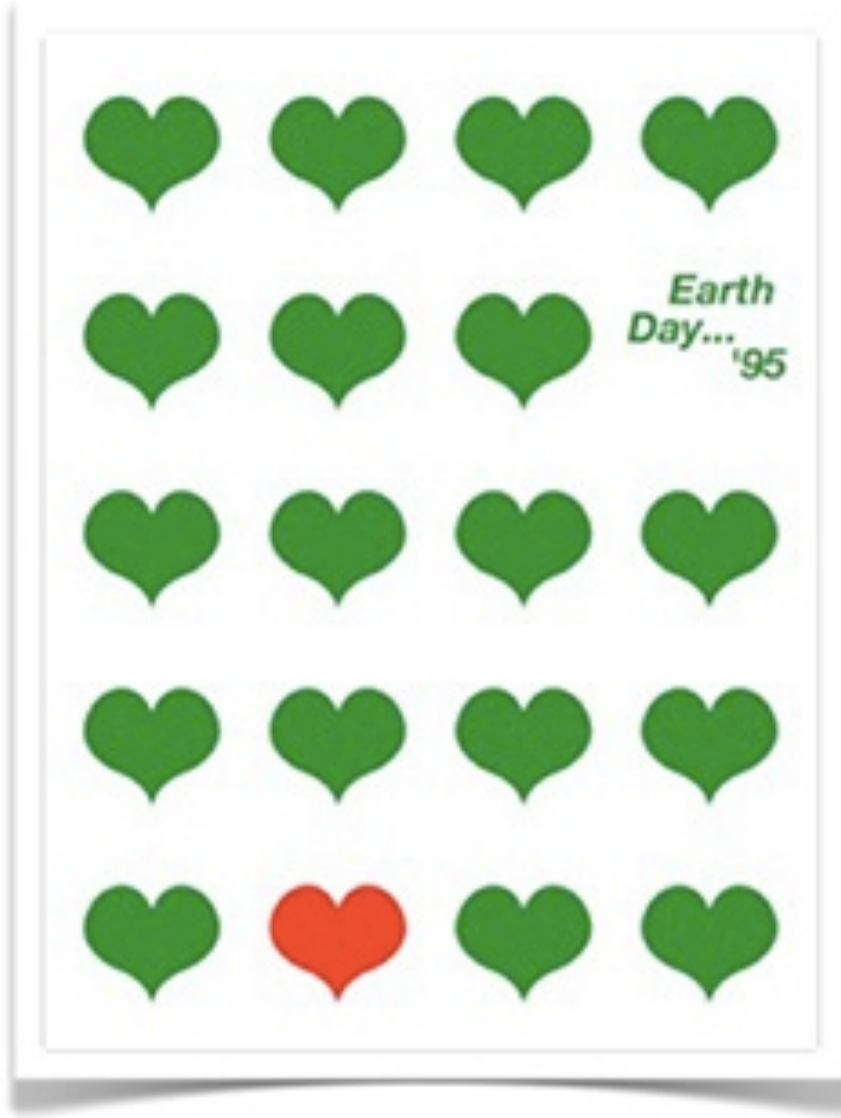
Donald Knuth

Paul Rand



My Version

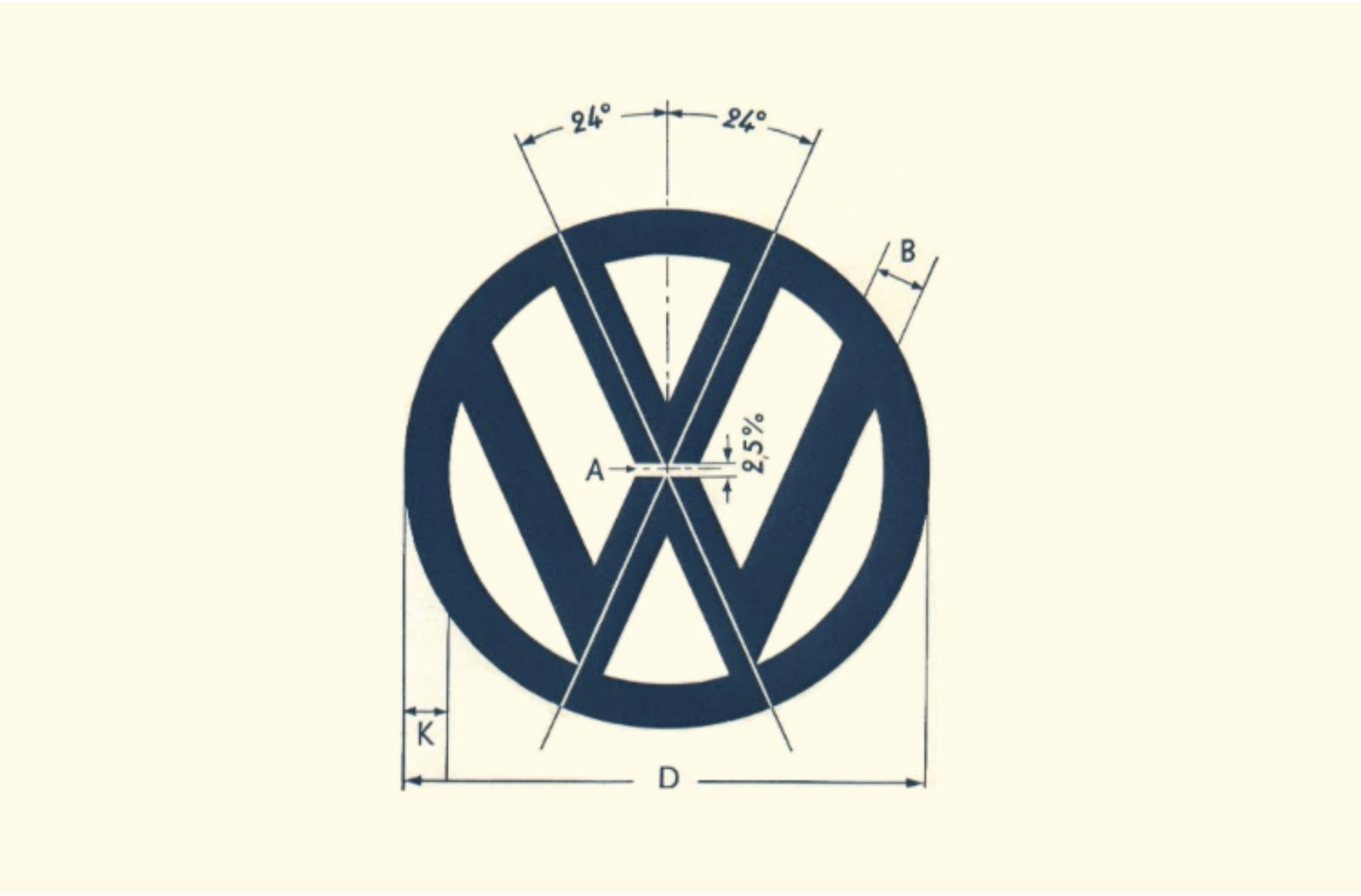




- HOME
- BLOG
- WORK
- CODE
- INFO
- MAIL

15 February, 2015

ON META-DESIGN AND ALGORITHMIC DESIGN SYSTEMS



This post is about something I see as a continuing trend in the design world: the rise of the meta-designer and algorithmic design systems.

“Meta-design is much more difficult than design; it’s easier to draw something than to explain how to draw it” - Donald Knuth, The Metafont Book

A brief history of

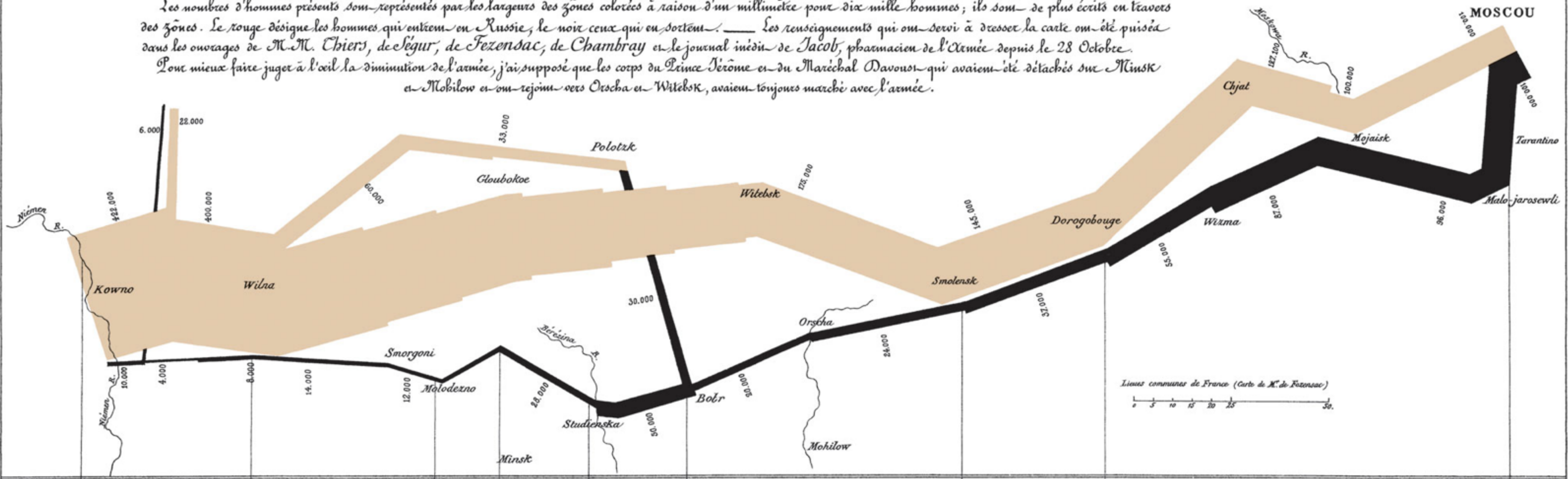
Data, systems, and design.

Carte Figurative des pertes successives en hommes de l'Armée Française dans la campagne de Russie 1812-1813.

Dressée par M. MINARD, Inspecteur Général des Ponts et Chaussées en retraite Paris, le 20 Novembre 1869.

Les nombres d'hommes présents sont représentés par les largeurs des zones colorées à raison d'un millimètre pour dix mille hommes; ils sont de plus écrits en travers des zones. Le rouge désigne les hommes qui entrent en Russie, le noir ceux qui en sortent. — Les renseignements qui ont servi à dresser la carte ont été puisés dans les ouvrages de M. M. THIERS, de LÉGER, de FEZENSAC, de CHAMBRAY et le journal inédit de JACOB, pharmacien de l'Armée depuis le 28 Octobre.

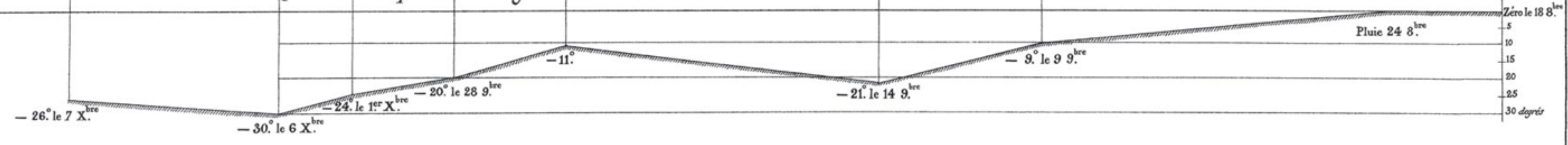
Pour mieux faire juger à l'œil la diminution de l'armée, j'ai supposé que les corps du Prince Jérôme et du Maréchal Davout qui avaient été détachés sur Minsk et Mohilow et ont rejoint vers Orscha et Witebsk, avaient toujours marché avec l'armée.

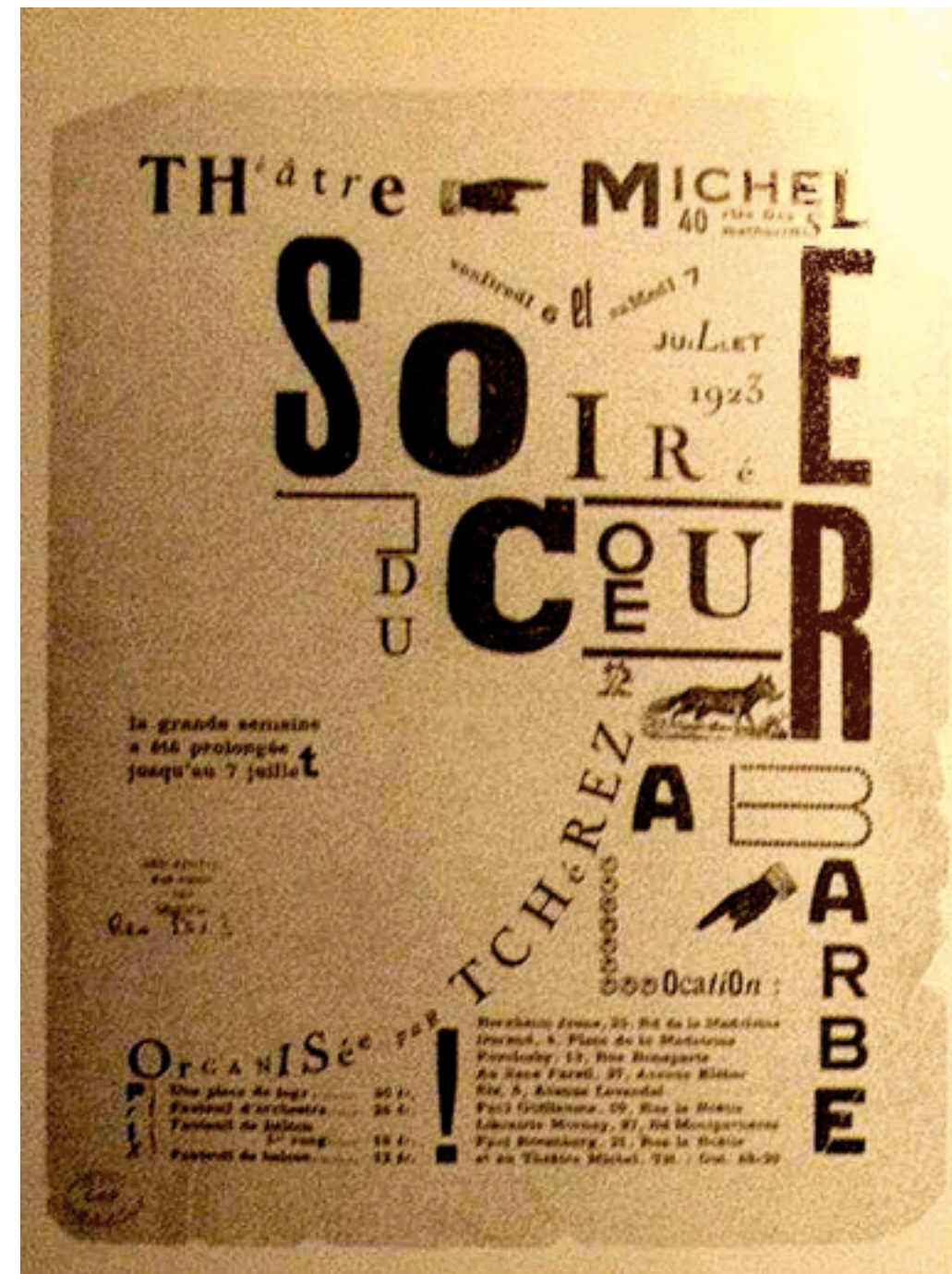


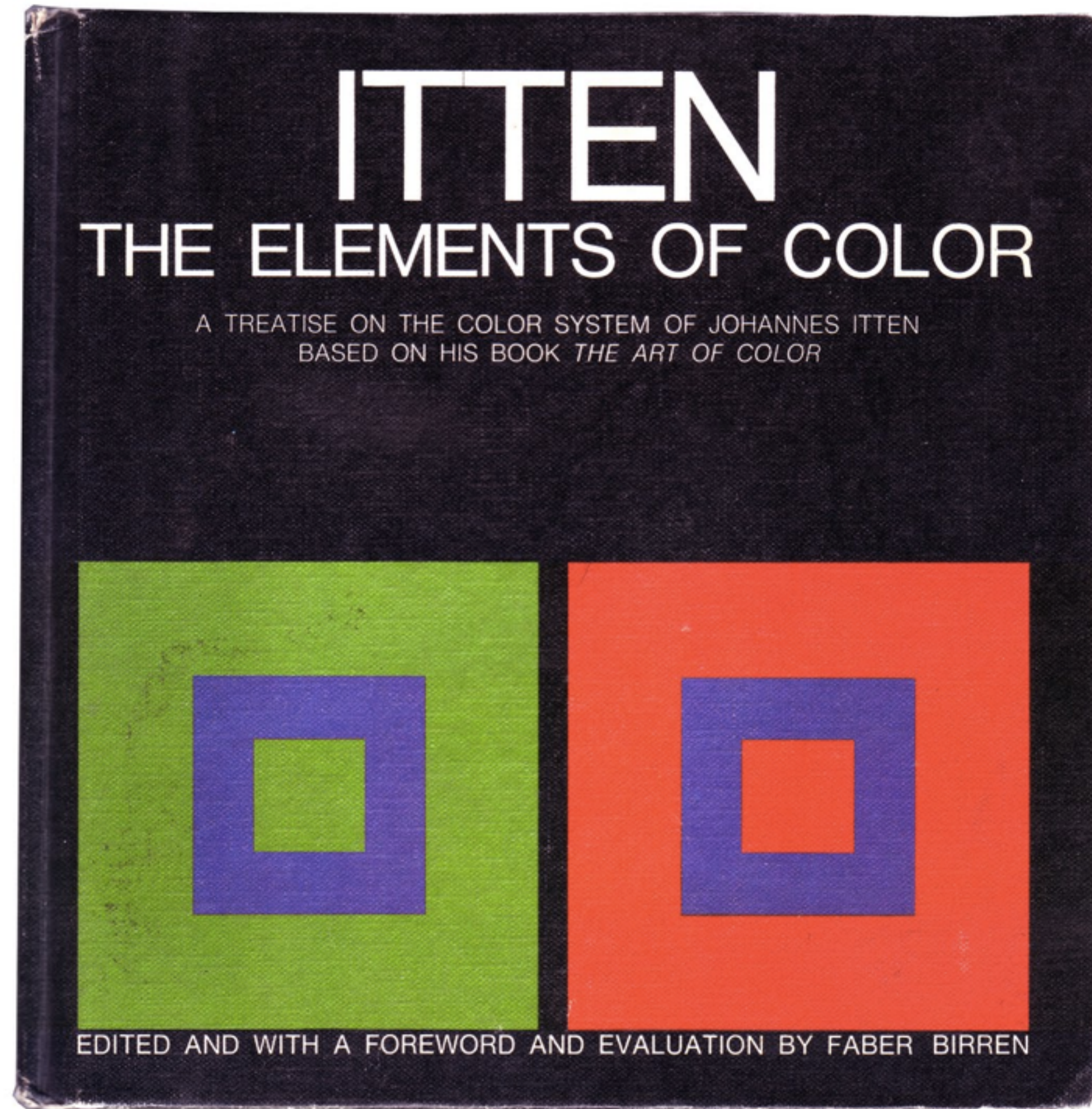
Lieux communs de France (Carte de M. de Fezensac)
0 5 10 15 20 25 30

TABLEAU GRAPHIQUE de la température en degrés du thermomètre de Réaumur au dessous de zéro.

Les Cosaques passent au galop le Niémen gelé.







Josef Müller-Brockmann

Grid systems

in graphic design

A visual communication manual
for graphic designers,
typographers and
three dimensional designers

Raster systeme

für die
visuelle Gestaltung

Ein Handbuch für
Grafiker, Typografen und
Ausstellungsgestalter

Verlag Gerd Hatje
Stuttgart

Verlag Arthur Niggli
CH-9410 Heiden

beethoven

tonhalle grosser saal
dienstag, den 22. februar 1955,
20.15 uhr
4. extrakonzert
der tonhalle-gesellschaft

leitung carl schuricht
solist wolfgang schneiderhan

beethoven ouverture zu «coriolan», op. 62
violinkonzert in d-dur, op. 61
siebente sinfonie in a-dur, op. 92

vorverkauf tonhalle-kasse, hug, jecklin,
kuoni
karten zu fr. 3.50 bis 9.50

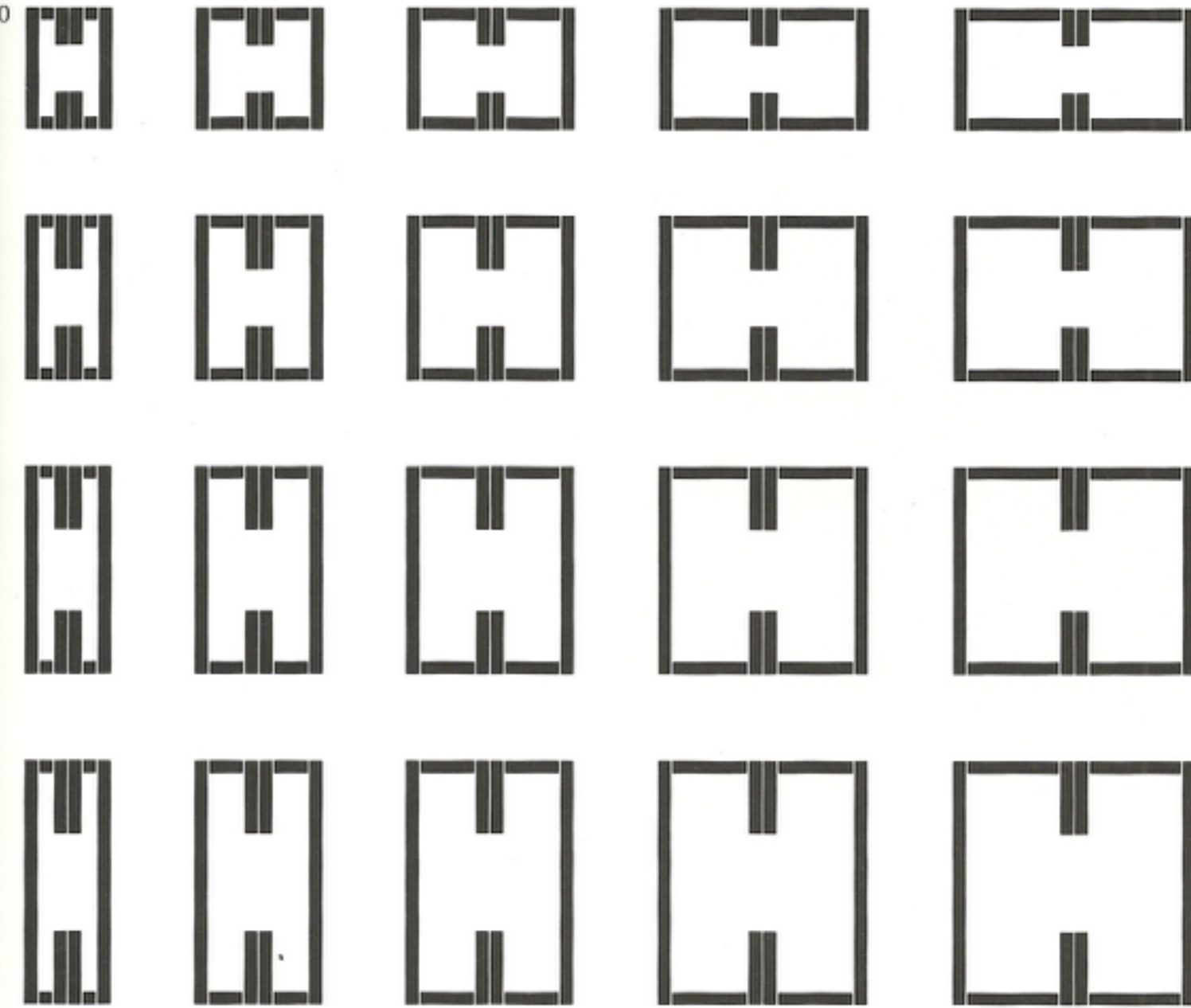
Karl Gerstner: Designing Programmes

instead of solutions for problems programmes for solutions

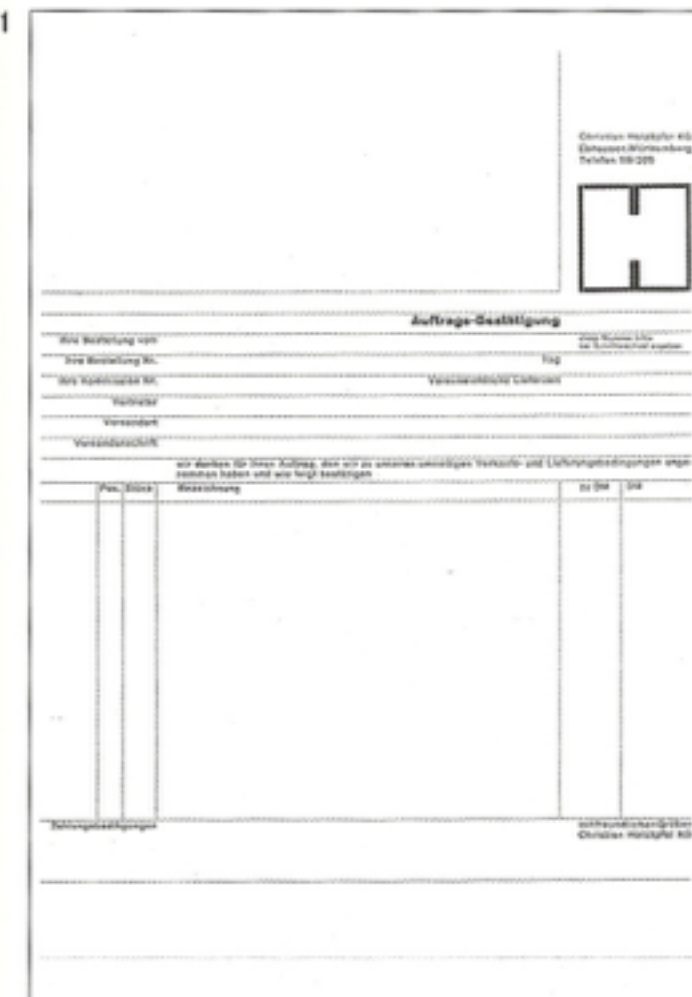
Programme as	typeface	morphology logic grid photography literature music
	typography	
	picture	
	method	

Lars Müller Publishers

30

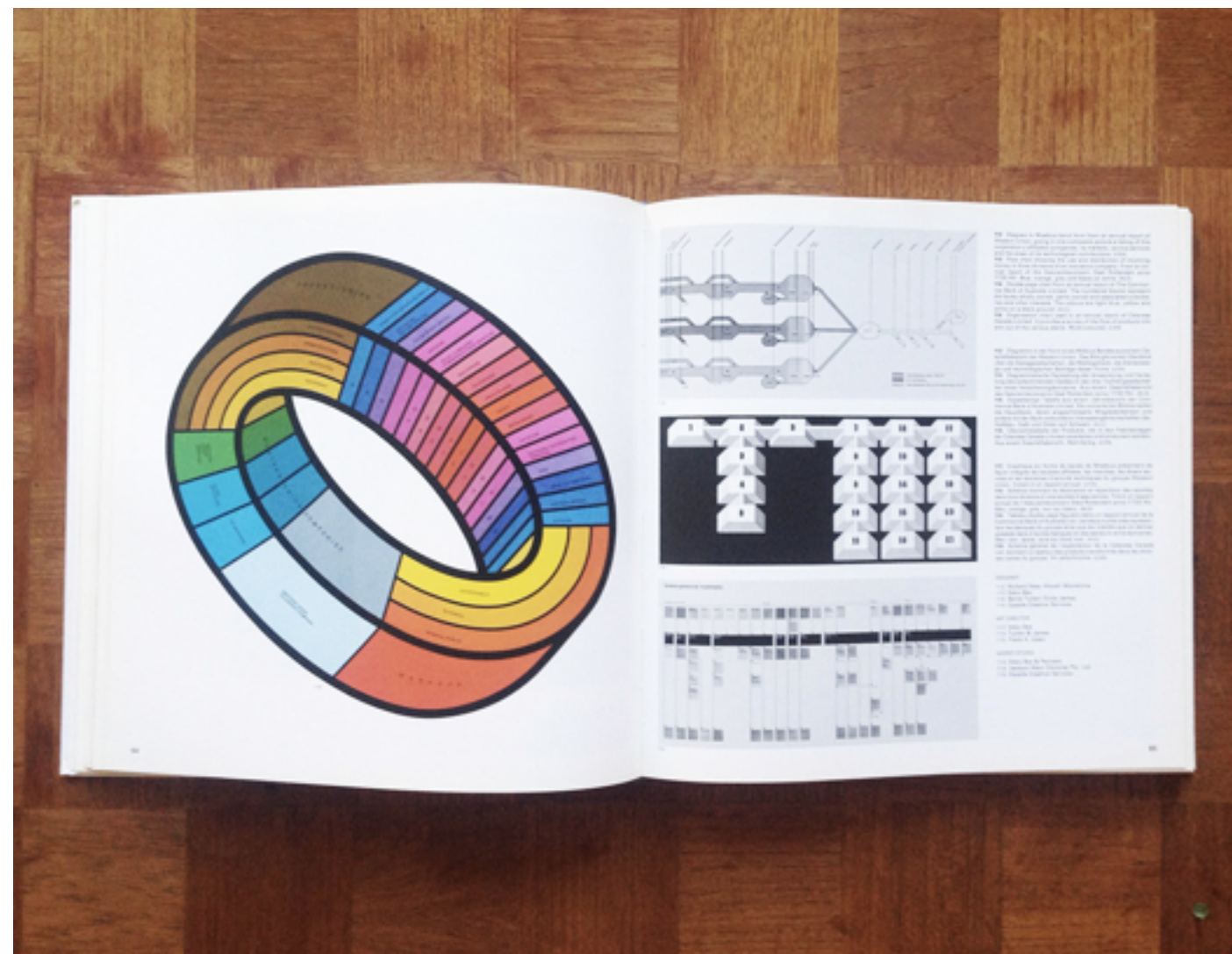
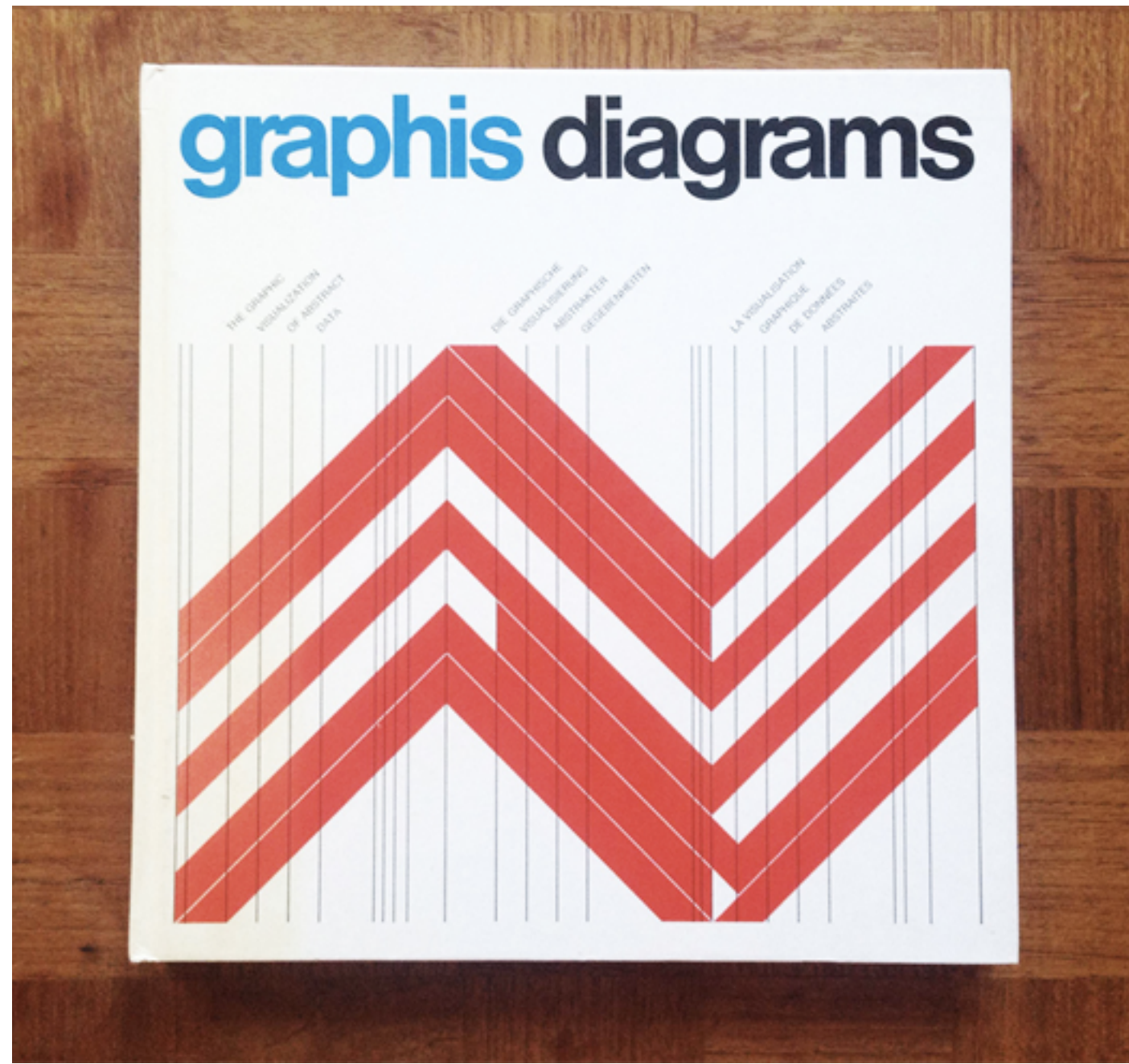


31

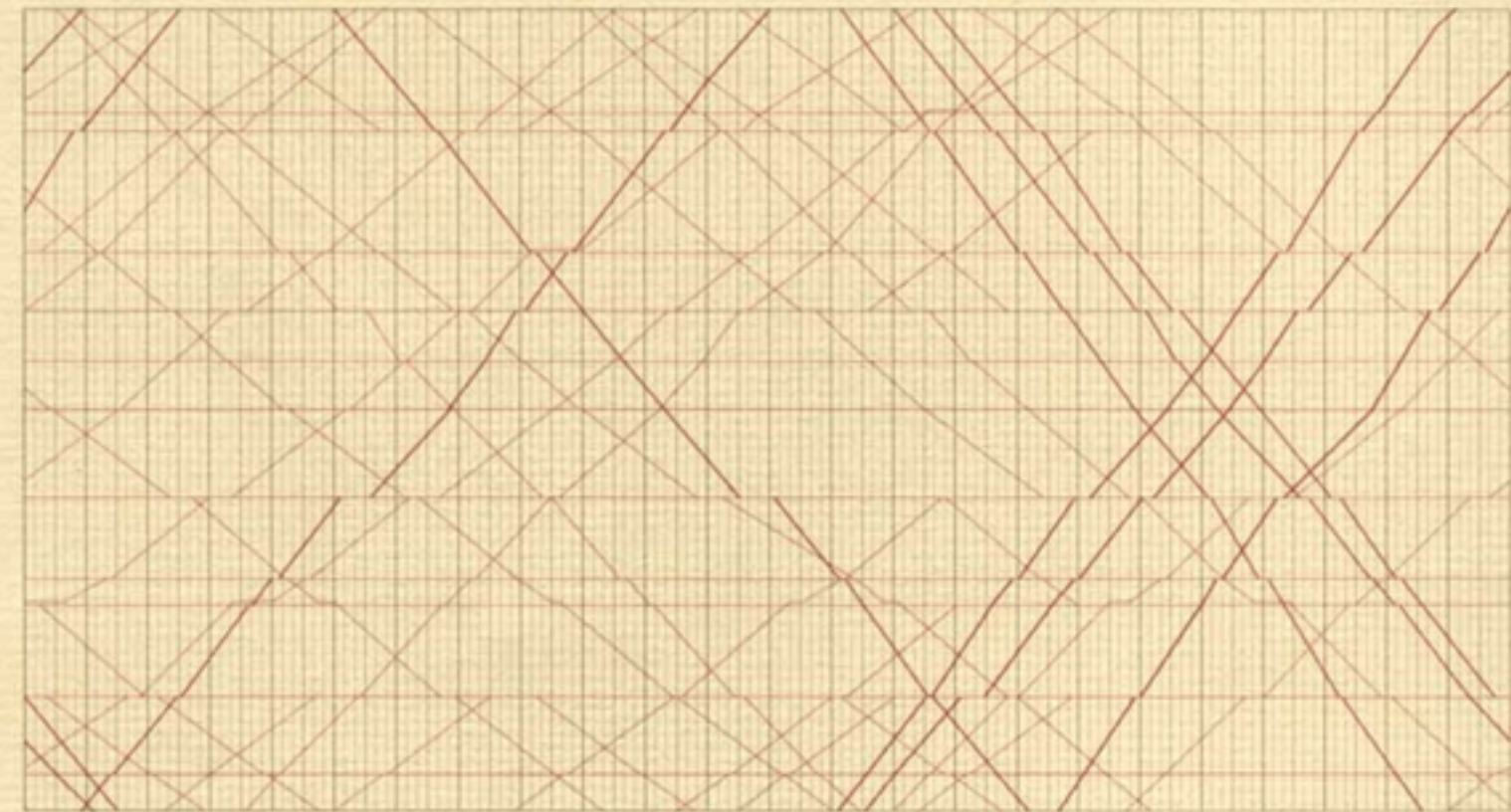


32





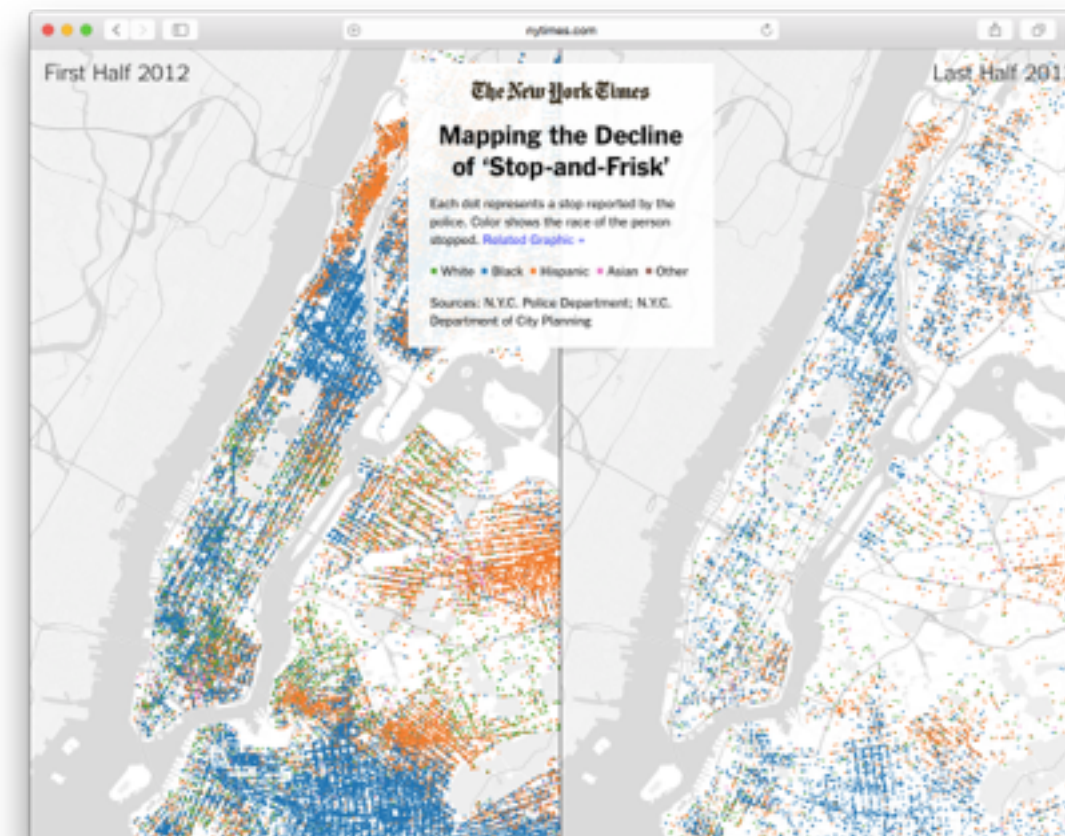
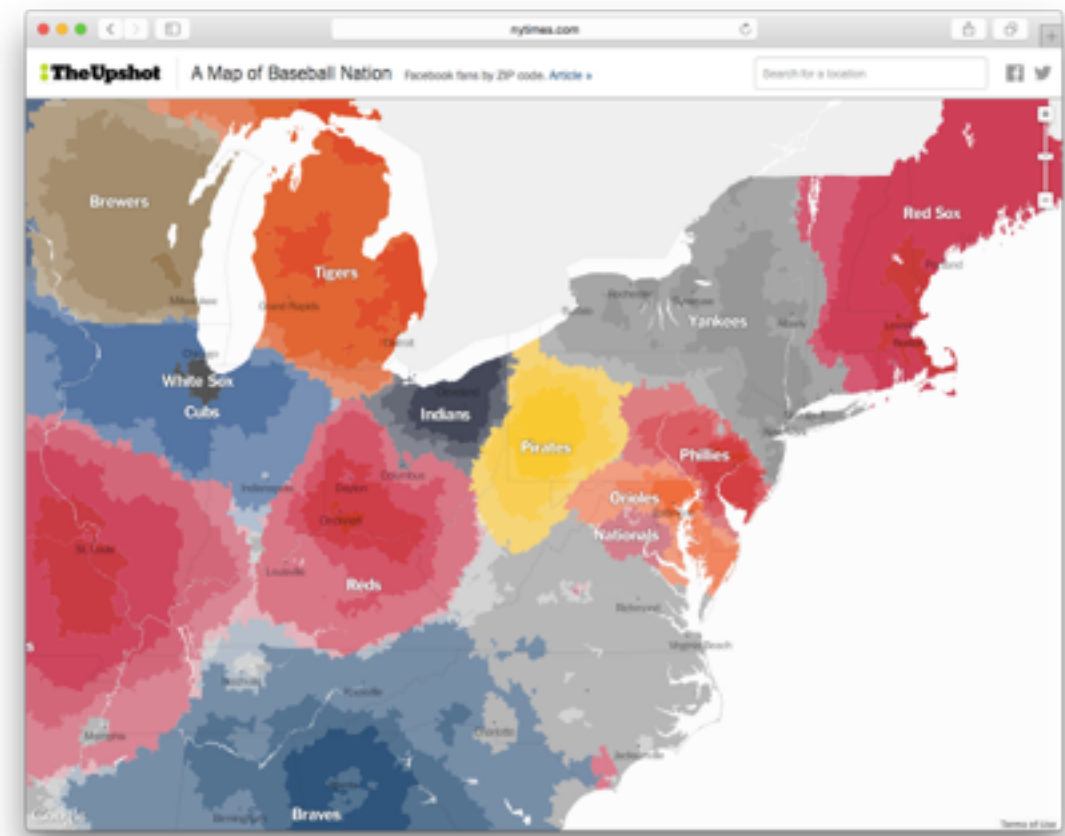
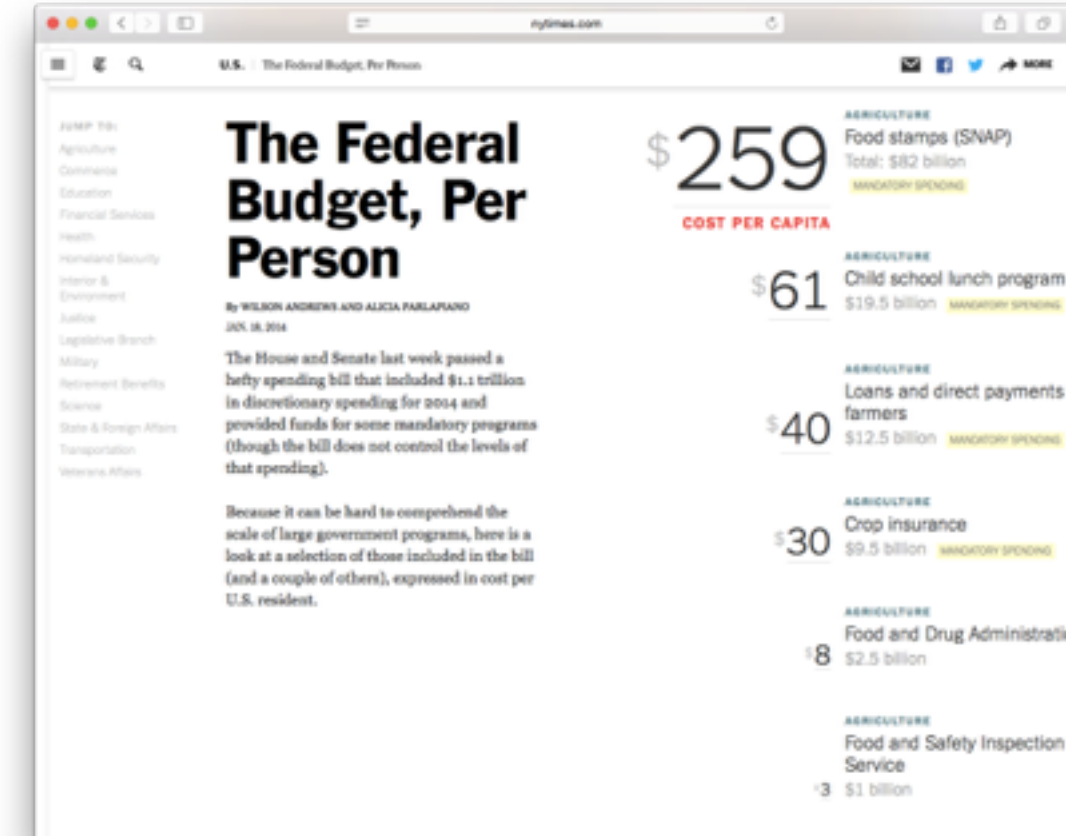
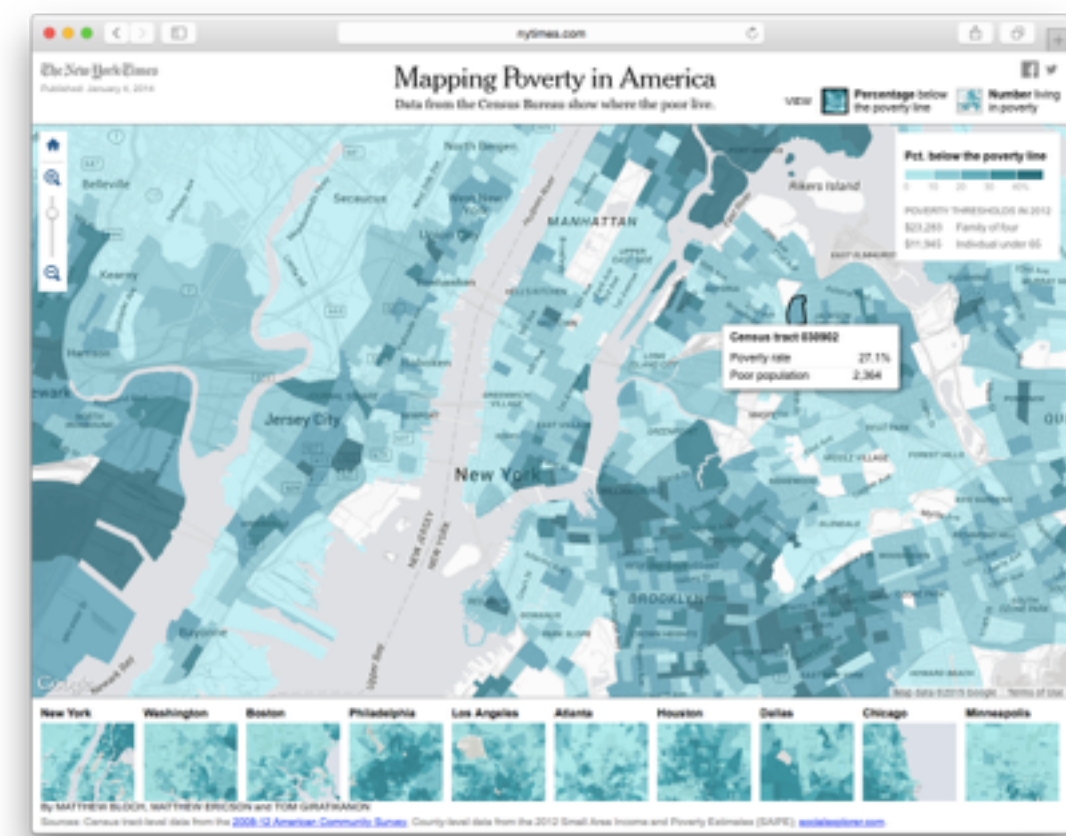
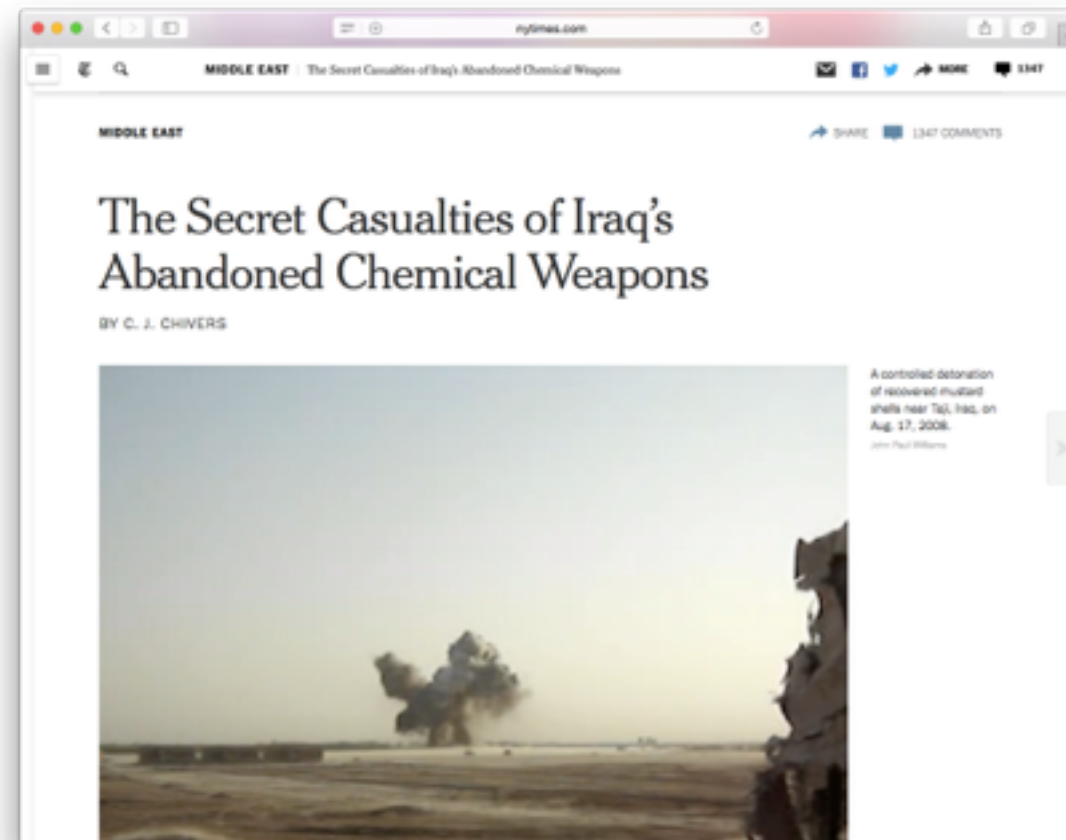




The Visual Display of Quantitative Information

EDWARD R. TUFTE

- Show the data
- Induce the viewer to think about the substance rather than about methodology, graphic design, the technology of graphic production, or something else
- Avoid distorting what the data have to say
- Present many numbers in a small space
- Make large data sets coherent
- Encourage the eye to compare different pieces of data
- Reveal the data at several levels of detail, from a broad overview to the fine structure
- Serve a reasonably clear purpose: description, exploration, tabulation, or decoration
- Be closely integrated with the statistical and verbal descriptions of a data set



Examples

512 paths to the
white house

“How, after several attempts at designing the perfect electoral vote calculator, I came to the realization that the best electoral vote calculator shouldn't include electoral votes or calculations.”

Shan Carter, New York Times

“Our designs are almost always built up incrementally, starting with the core visual encoding of data. But at the same time, we almost never publish something without annotation, so we think constantly about how to guide the user.”

Mike Bostock, New York Times

Go to a Section Go

Site Search: Go

[NYTimes.com](#) > [Washington](#) > [Campaign 2004](#)

Note: This feature is no longer being updated. Complete election results are available [here](#).

INTERACTIVE GRAPHIC

RELATED: [A CLOSER LOOK AT THE SWING STATES](#) | [FEEDBACK](#)

2004 Election Guide

THE PRESIDENTIAL RACE

- THE SWING STATES
- THE MONEY STATES
- PRESIDENTIAL CALCULATOR**
- ELECTORAL VOTES CHANGES
- THE NADER FACTOR

- THE SENATE
- THE HOUSE
- THE GOVERNORS
- THE MONEY RACE
- PREVIOUS ELECTIONS
- PUBLIC OPINION: BUSH'S TERM

ELECTORAL VOTE CALCULATOR

BUSH	KERRY	NO CHOICE
274	252	12

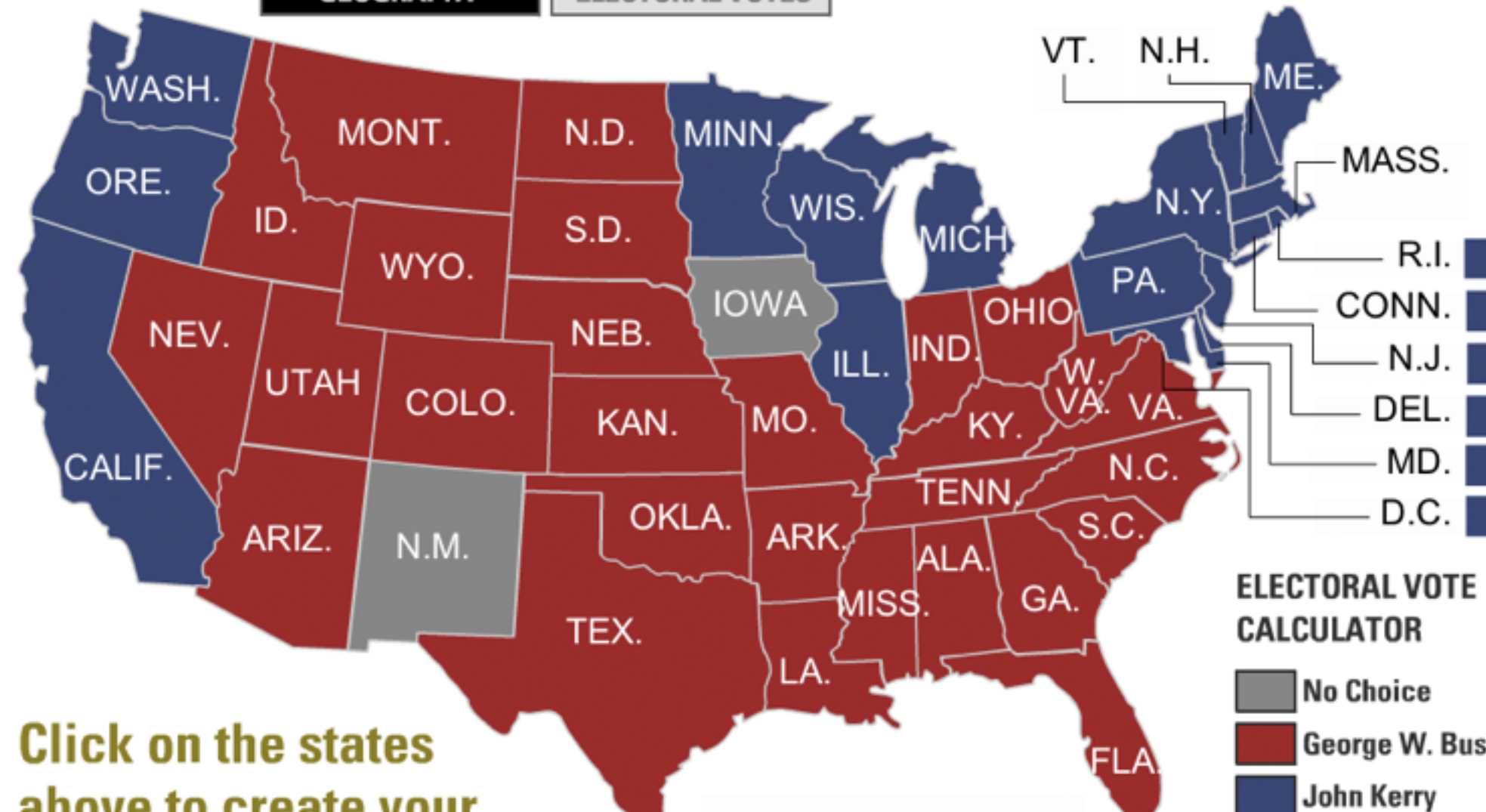
270 electoral votes are needed to secure the presidency. The states are allocated according to current results. [RESET](#)

Other Scenarios: [2000 ELECTION](#) [NO CHOICES](#)

Colorado, Maine, and Nebraska have the potential to split their electoral votes this election. Clicking on those states will bring up the various scenarios.

VIEW MAP ACCORDING TO:

- GEOGRAPHY**
- ELECTORAL VOTES





Click on the states above to create your own scenarios



The Electoral Map: Key States

By ADAM NAGOURNEY, JEFF ZELENY AND SHAN CARTER
November 4, 2008

-  E-MAIL
-  SHARE
-  FEEDBACK



Obama 291

163 McCain

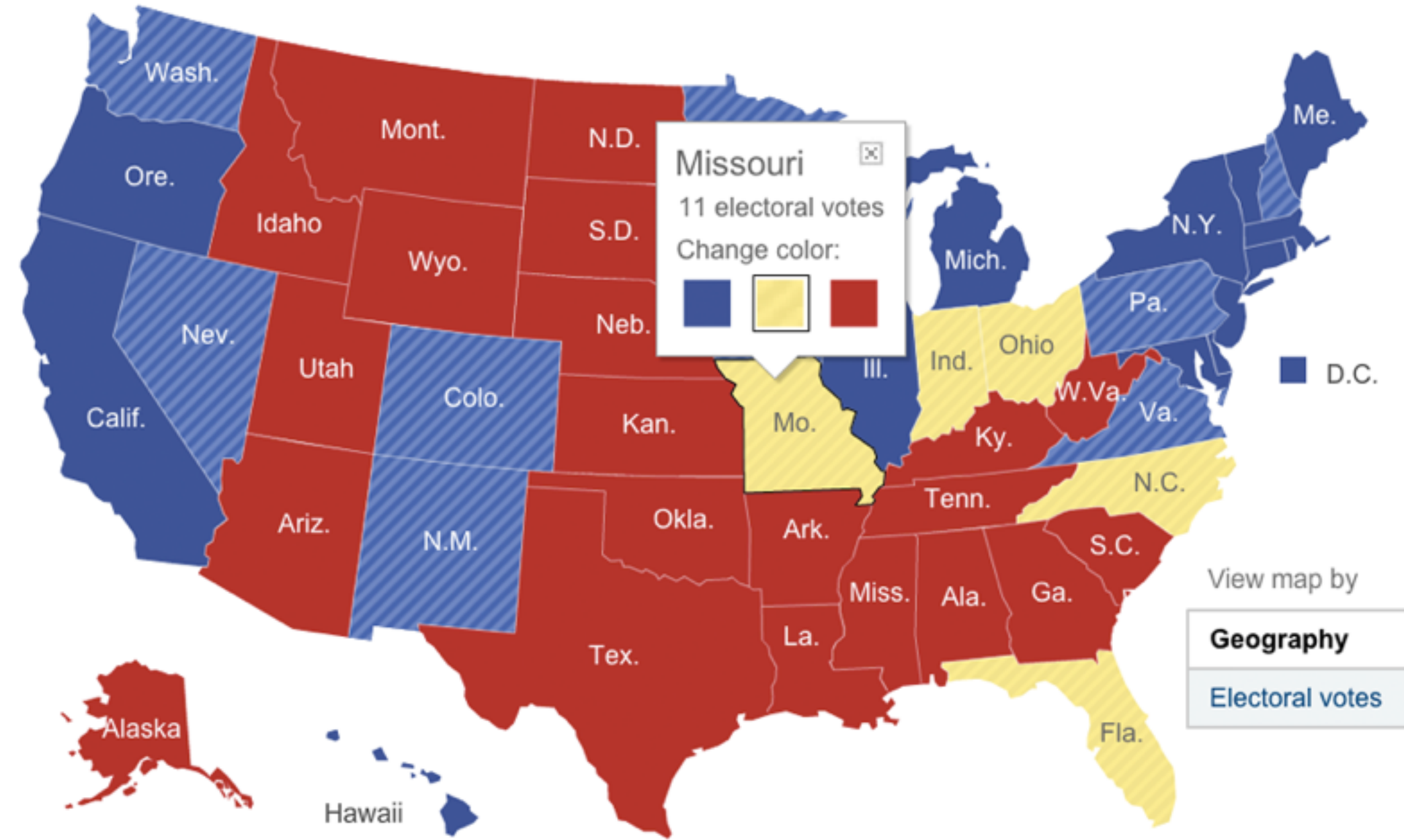


270 electoral votes needed to win

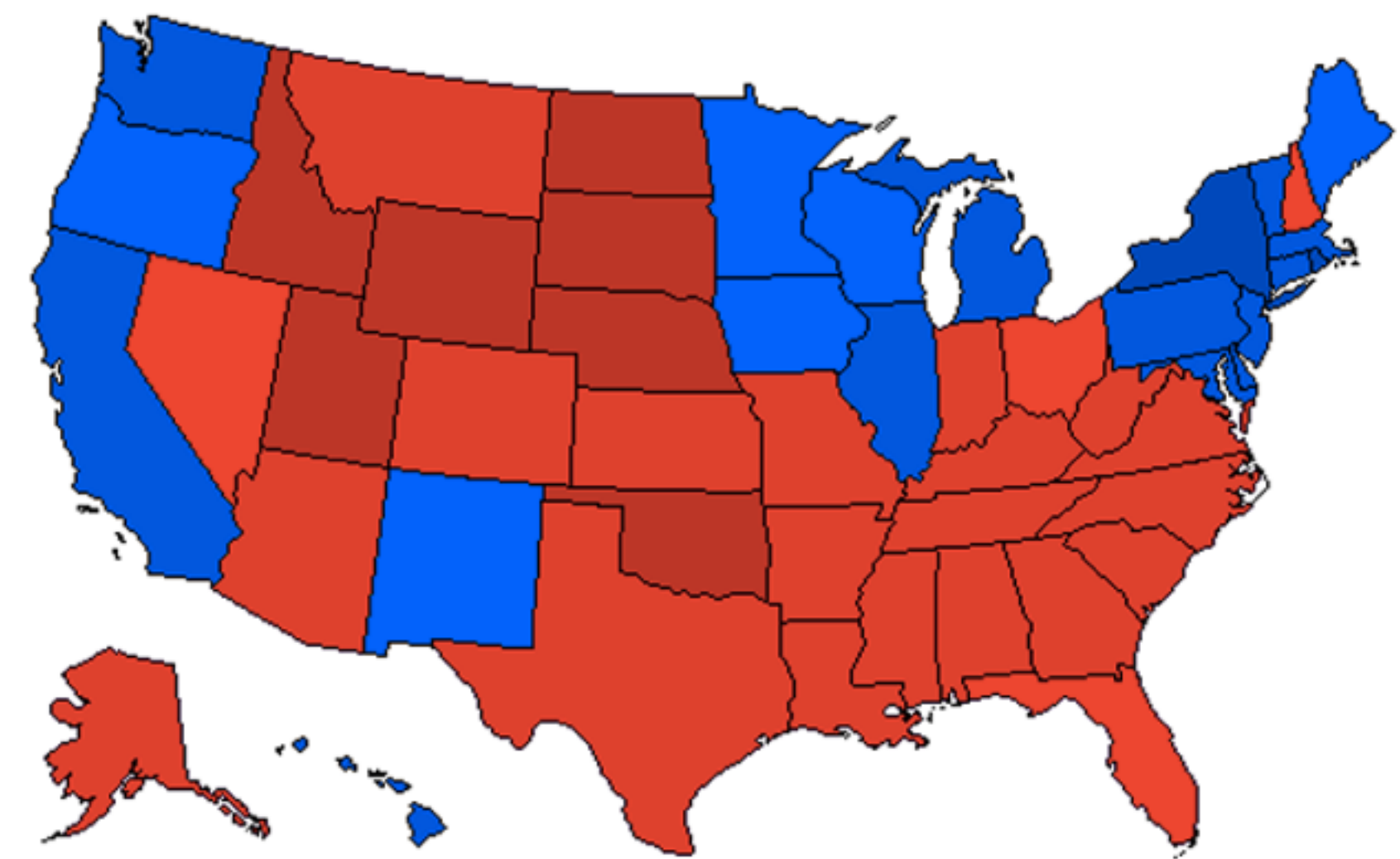
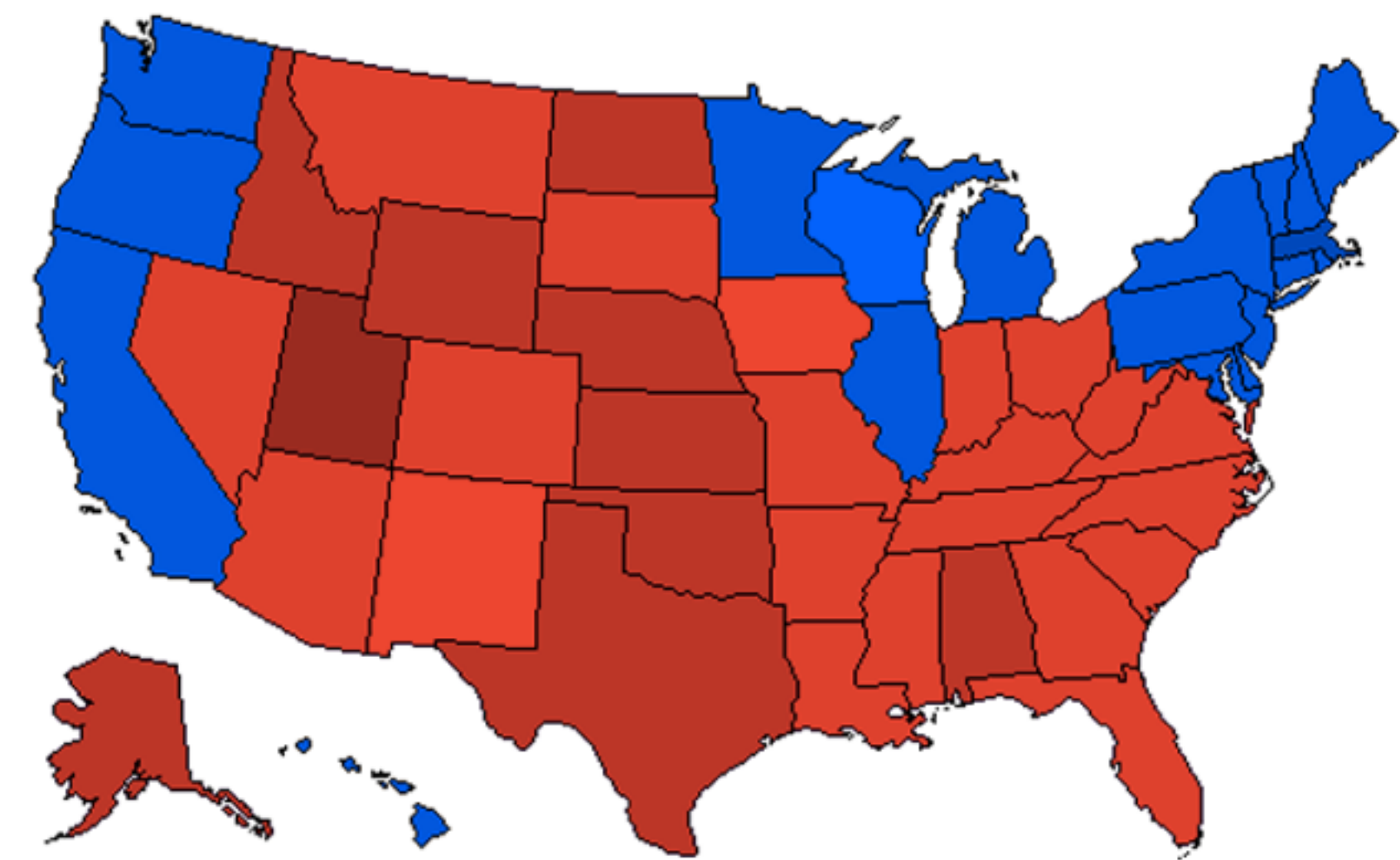
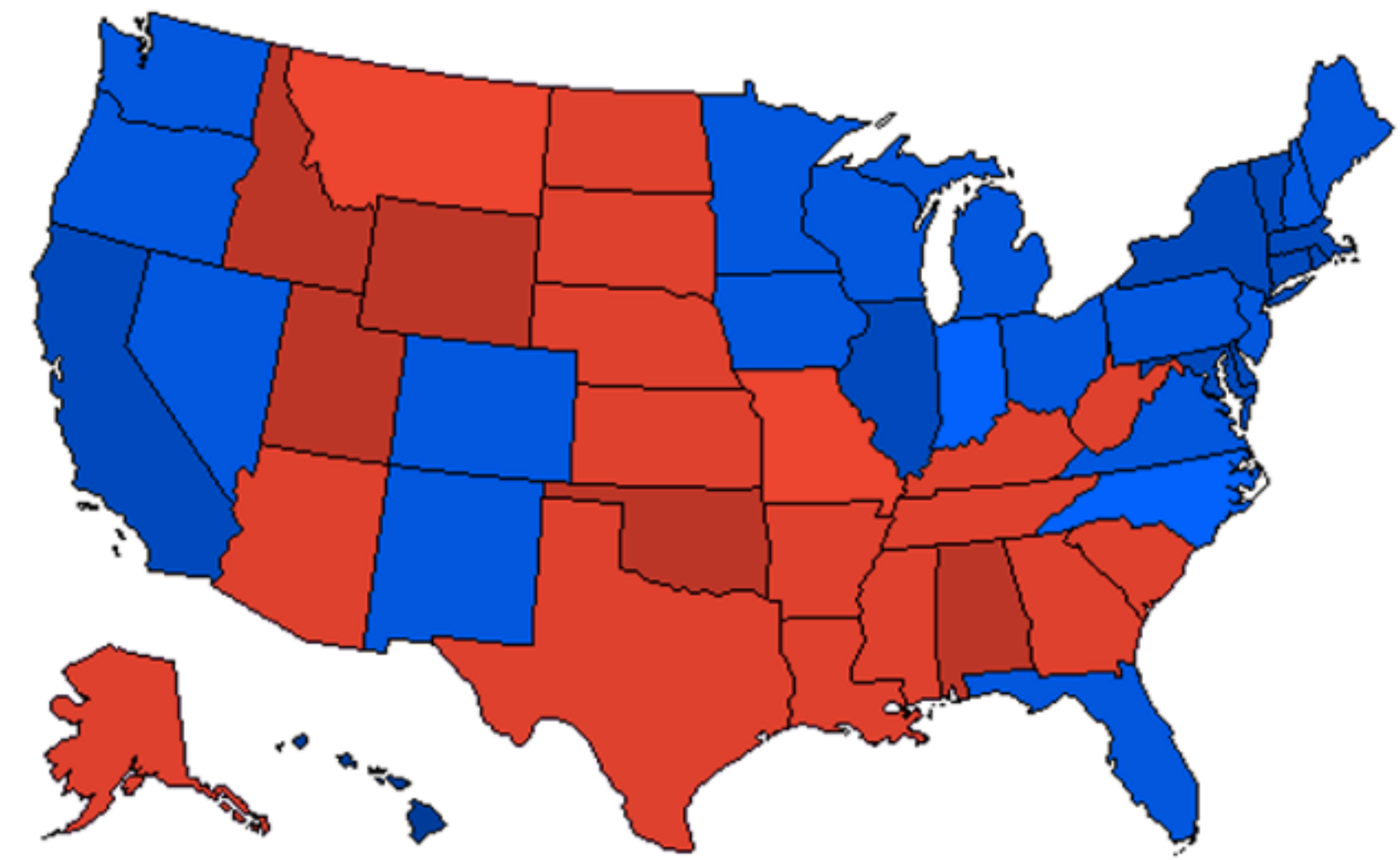
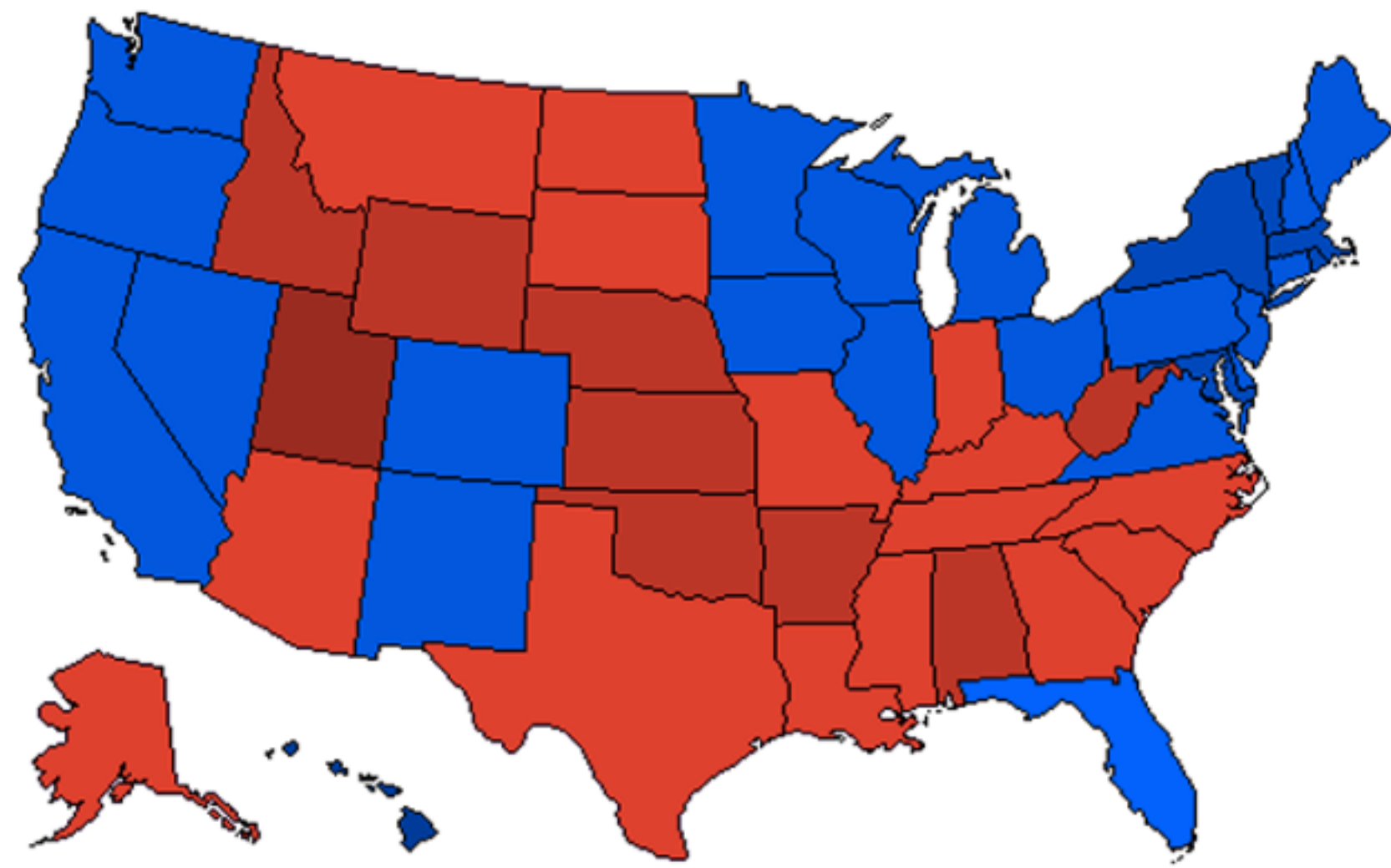
Click on a state to make your prediction for the 2008 election or choose a preset below. Your changes will be saved to this computer.

- **Reset map to The Times's ratings**
- Set all Times's tossups to Obama
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[Share link to this map](#)



Recent polling	Obama	McCain
Polls conducted by Interactive Voice Technology, including Rasmussen and SurveyUSA, do not meet the Times' polling standards and are not included.		
Oct. 30	46.0%	47.0% +/-4% Mason-Dixon Polling & Research
Oct. 23	45.0%	46.0% +/-4% Mason-Dixon Polling & Research
Oct. 19	44.0%	45.0% +/-4% Suffolk University



Area Shown on Map (million square miles)



Electoral Votes Won



Electoral Calculator

Virginia (13)



Ohio (18)



North Carolina (15)



Florida (29)



New Hampshire (4)



Colorado (9)



Wisconsin (10)



Nevada (6)



Iowa (6)



Romney

Total:191

Needs:79

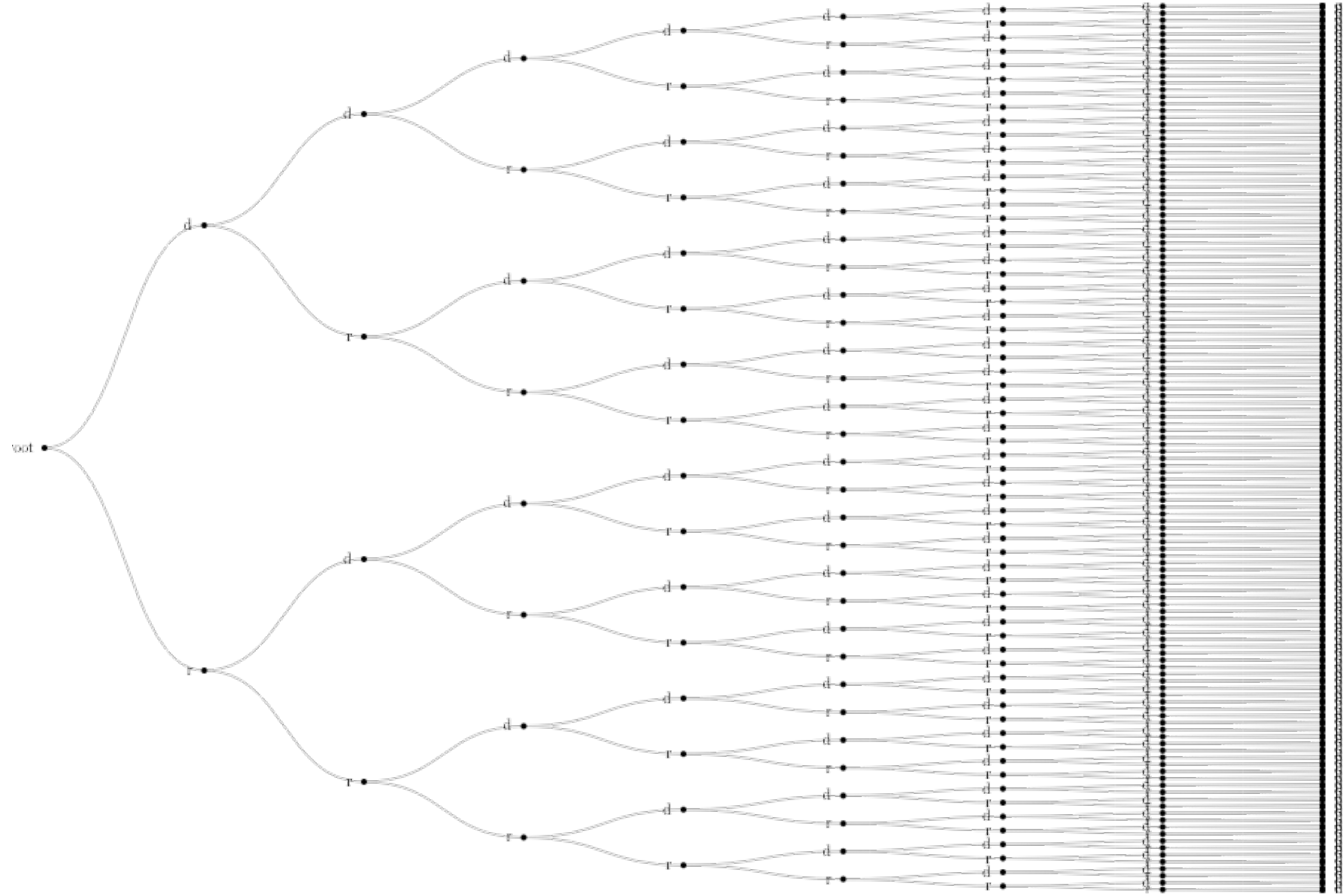
Overview

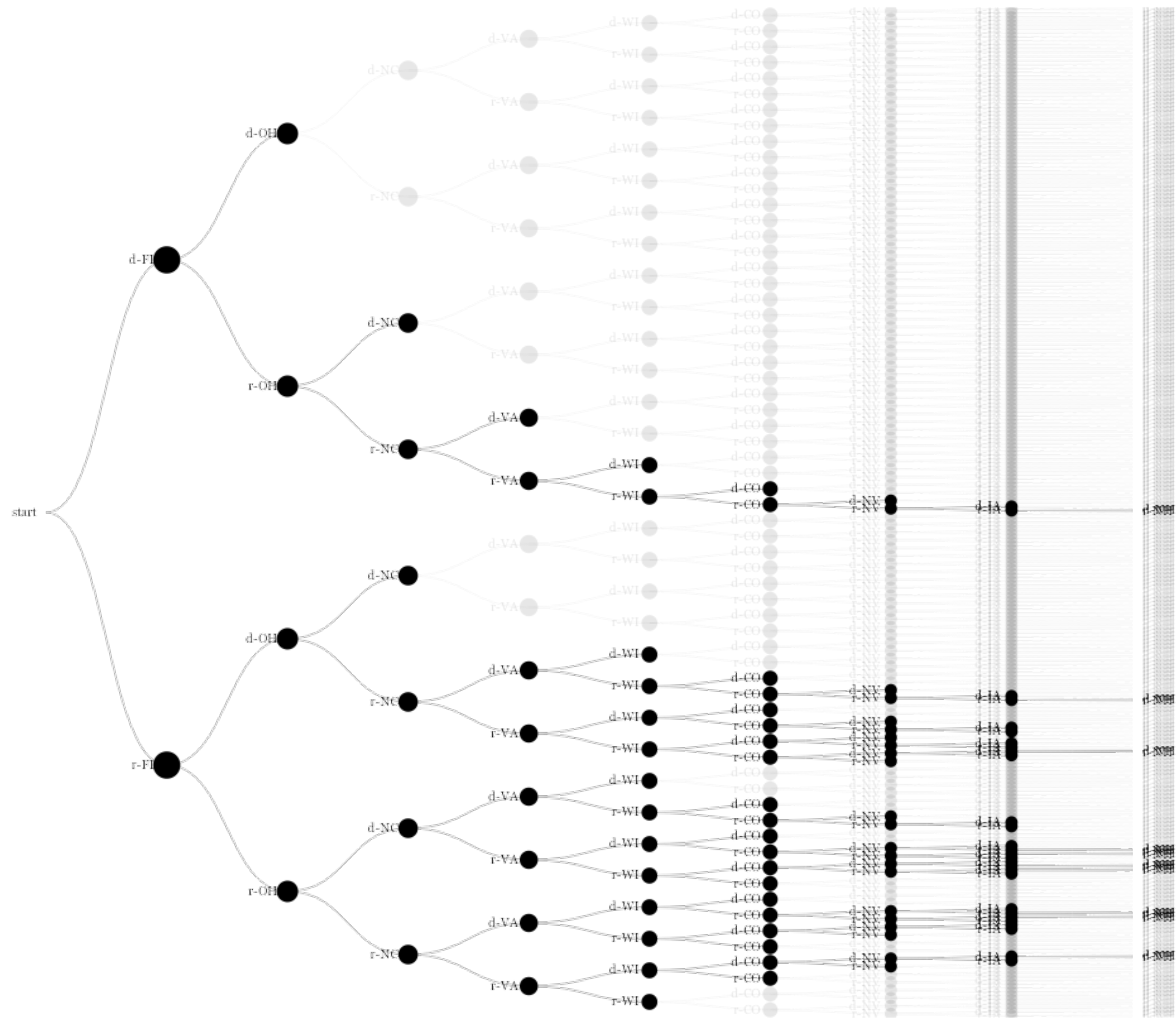
Remaining: 110

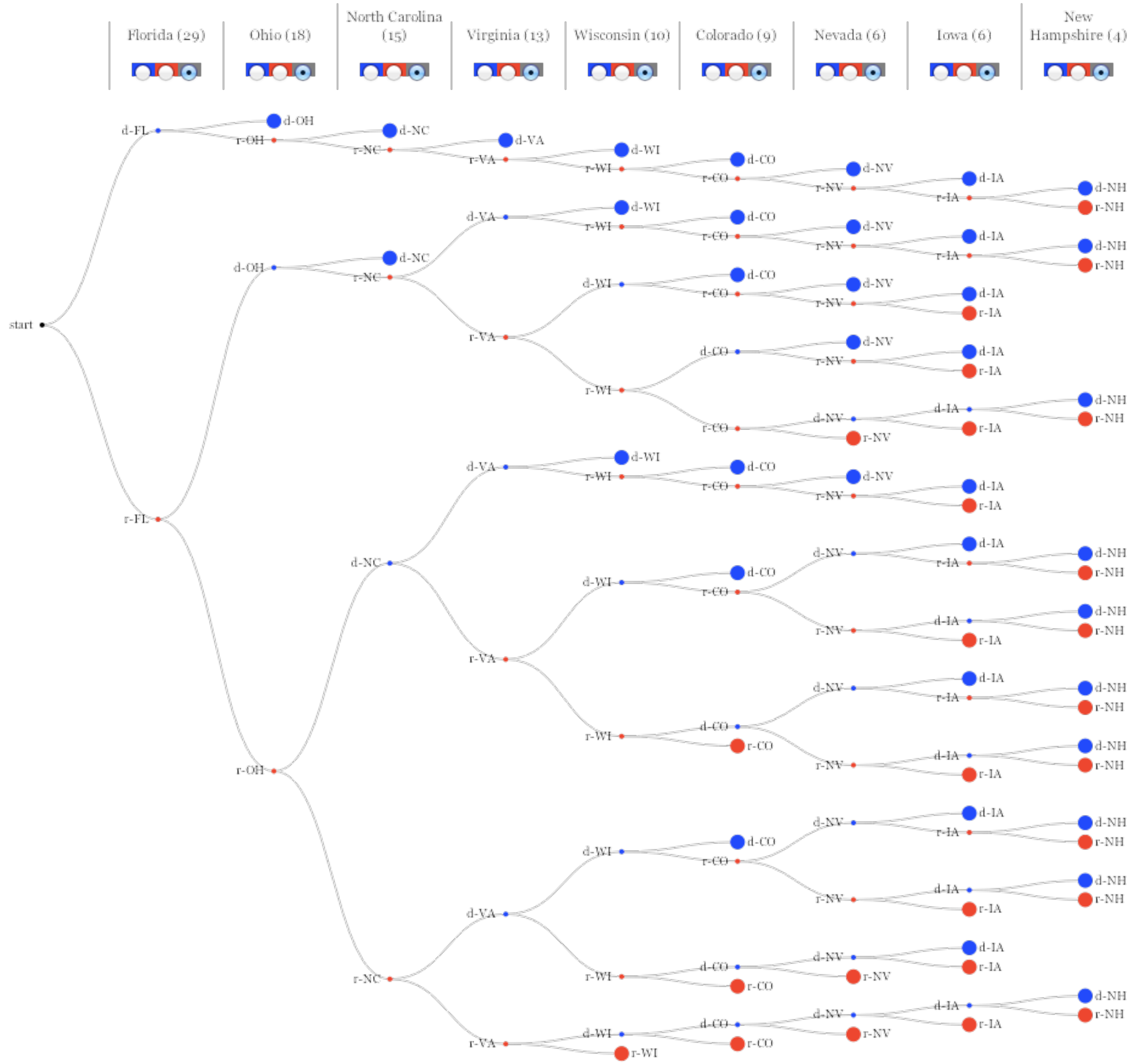
Obama

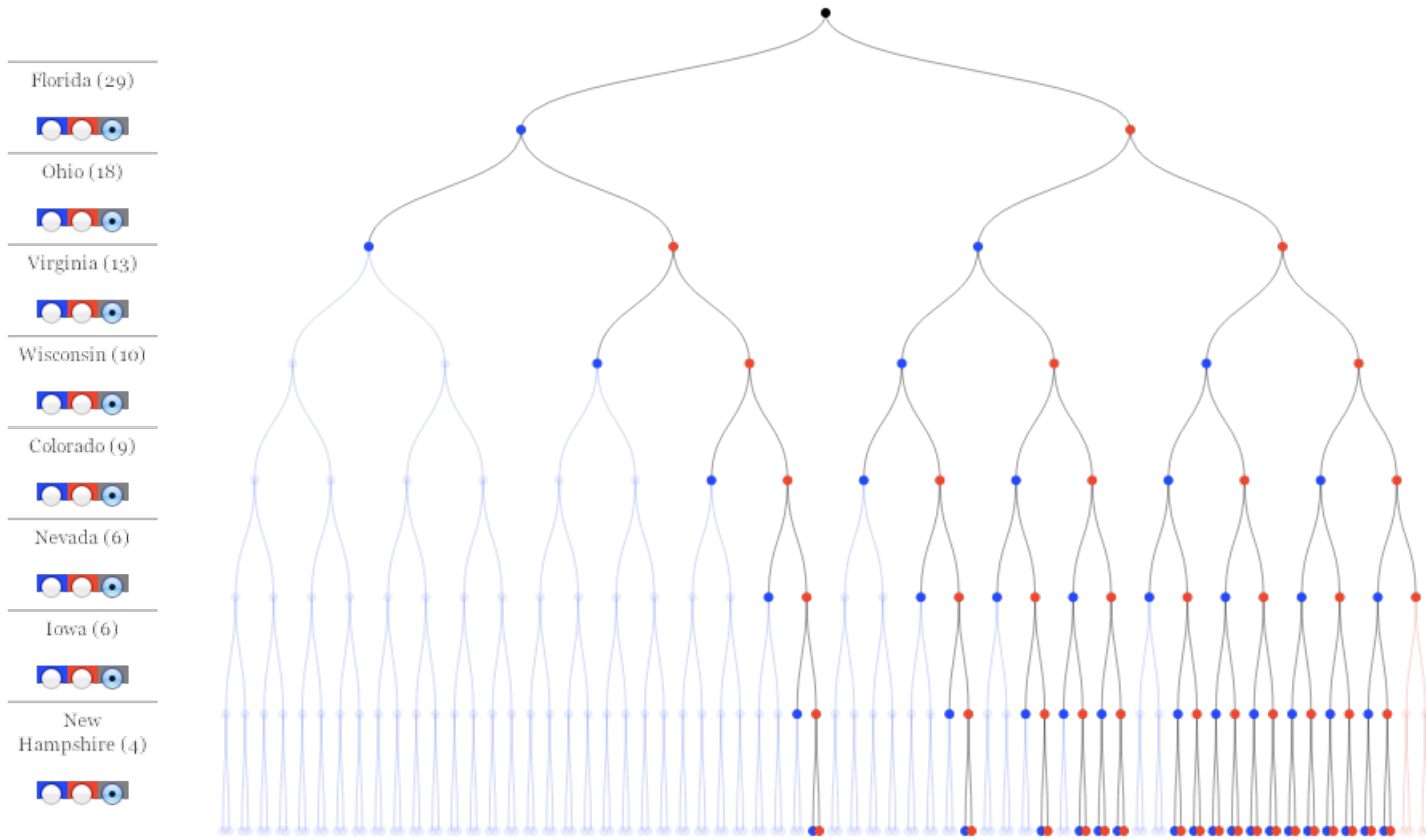
Total:237

Needs:33



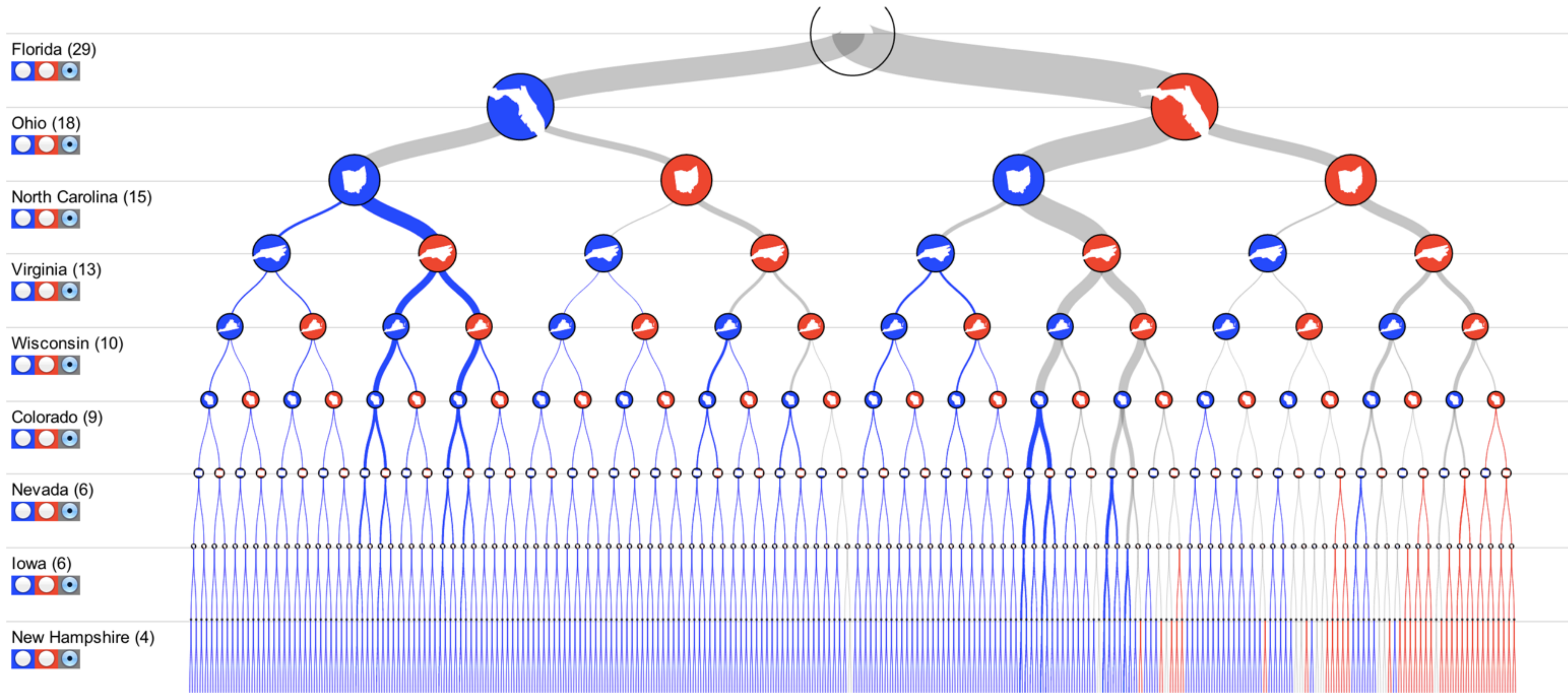






Published: November 8, 2012

Electoral Calculator



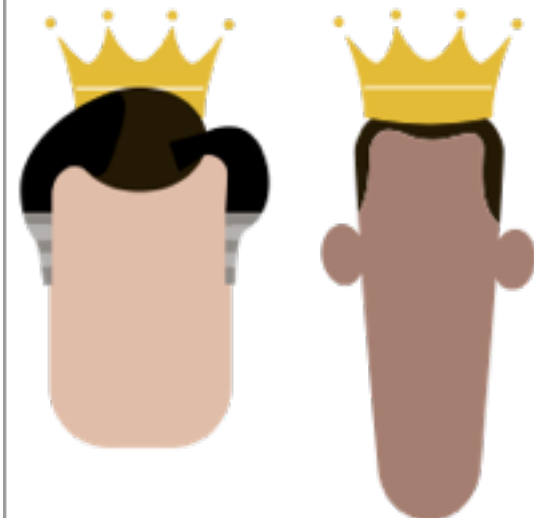
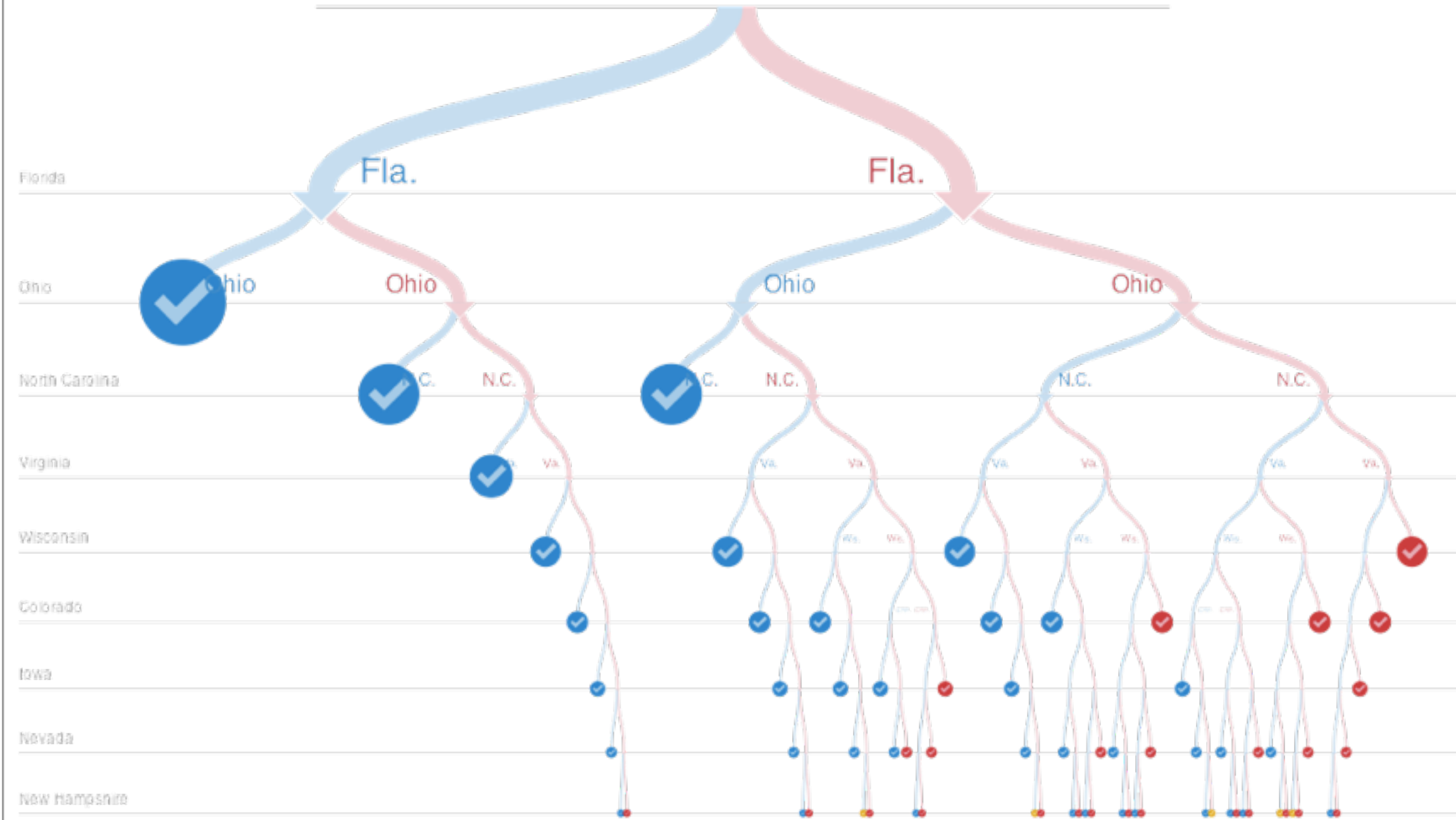
The 512 Paths to the White House

If there are no major surprises on election night, meaning Barack Obama and Mitt Romney win all the states in which they are leading polls by more than XX percent, nine states will decide the presidency.

Fla. Dem Rep	Ohio Dem Rep	N.C. Dem Rep	Va. Dem Rep	Wis. Dem Rep	Colo. Dem Rep	Iowa Dem Rep	Nev. Dem Rep	N.H. Dem Rep
-----------------	-----------------	-----------------	----------------	-----------------	------------------	-----------------	-----------------	-----------------

With nine states undecided...

Obama has 431 ways to win 5 ties Romney has 76 ways to win

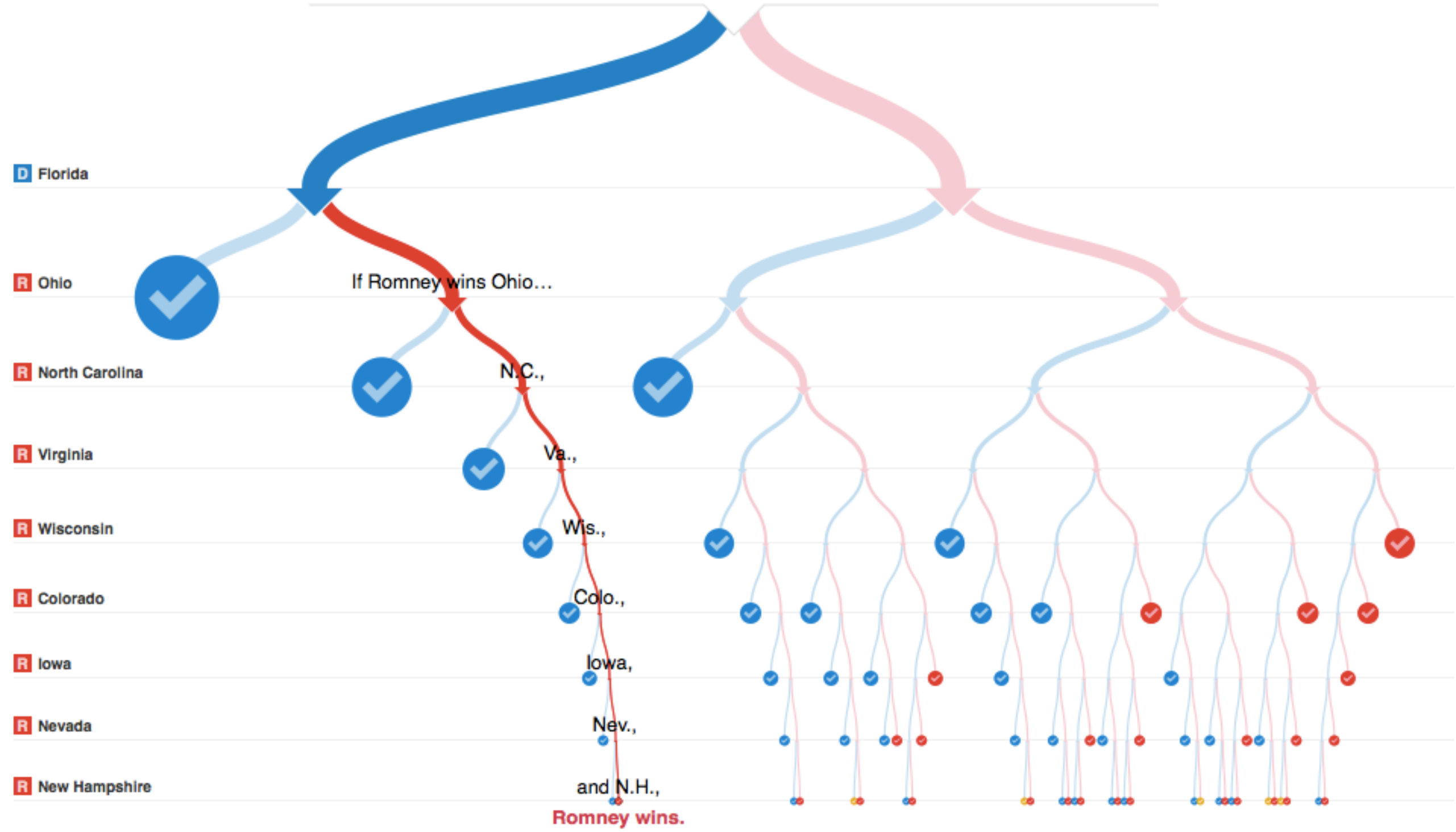


512 Paths to the White House

Select a winner in the most competitive states below to see all the paths to victory available for either candidate.

Fla. Dem Rep	Ohio Dem Rep	N.C. Dem Rep	Va. Dem Rep	Wis. Dem Rep	Colo. Dem Rep	Iowa Dem Rep	Nev. Dem Rep	N.H. Dem Rep
-----------------	-----------------	-----------------	----------------	-----------------	------------------	-----------------	-----------------	-----------------

Obama has 431 ways to win (84% of paths) | 5 ties (0.98% of paths) | Romney has 76 ways to win (15% of paths)



9/11 tapes



The 9/11 Tapes: The Story in the Air

A selection of audio recordings from the Federal Aviation Administration (F.A.A.), North American Aerospace Defense Command (Norad) and American Airlines from the morning of Sept. 11, 2001. The recordings, some of which have been published previously, are being released in a multimedia report originally intended to be part of the Sept. 11 Commission's 2004 report. [Read Related Article »](#)

Select a clip from the menu on the left-hand side. The transcript will automatically scroll as the audio is played. *Note: Some audio contains explicit language and disturbing content.*

8:13 AM Lost Contact With AA11

- 8:19 AM Betty Ong Calls AA
- 8:21 AM AA Emergency Line
- 8:24 AM "We Have Some Planes"
- 8:37 AM Real World or Exercise?
- 8:38 AM Where Is He Going?
- 8:40 AM Battle Stations
- 8:42 AM No Destination
- 8:47 AM Fire at World Trade Center
- 9:01 AM "Escalating Big, Big Time"
- 9:02 AM "Another One Just Hit"
- 9:06 AM "Planes"
- 9:07 AM Fighters to Manhattan
- 9:11 AM Confirmation of Hijacking
- 9:21 AM Erroneous Report
- 9:28 AM Trouble on United 93
- 9:28 AM "This Is Not Good"
- 9:32 AM Bomb on Board
- 9:32 AM Belated Notification
- 9:38 AM Crash Into Pentagon
- 9:39 AM Break Windows
- 10:00 AM Rocking Its Wings
- 10:07 AM United 93 Down
- 10:09 AM No Shootdown Order

8:13 AM 2 minutes, 57 seconds

A Boston-sector F.A.A. controller, Peter Zalewski, makes several failed attempts to reach American Airlines Flight 11.

▶ Start Playing Audio

- BOSTON American 11, climb maintain level three five zero.
- BOSTON American 11 climb maintain level three five zero.
- BOSTON American 11, Boston.
- BOSTON [inaudible] ...Mike Lima how do you hear?
- MIKE LIMA Mike Lima has you loud and clear.
- BOSTON American 11, Boston.
- BOSTON American one-one, the American on the frequency, how do you hear me?

▶ PLAY 00:00

Scroll transcript as audio plays



- HIJACKED AIRPLANES
- 11 American 11
 - 77 American 77
 - 175 United 175
 - 93 United 93

nytimes.com

The 9/11 Tapes: The Story in the Air

Published: September 7, 2011

A selection of audio recordings from the Federal Aviation Administration (F.A.A.), North American Aerospace Defense Command (Norad) and American Airlines from the morning of Sept. 11, 2001. The recordings, some of which have been published previously, are being released in a multimedia report originally intended to be part of the Sept. 11 Commission's 2004 report. [Read Related Articles](#)

Select a clip from the menu on the left-hand side. The transcript will automatically scroll to the selected clip and any language and disturbing content.

8:13 AM 2 minutes, 57 seconds
A Boston-sector F.A.A. controller, Peter Zalewski, failed attempts to reach American Airlines Flight 11.

Start Playing Audio

- 8:13 AM **Lost Contact With AA11**
- 8:15 AM Betty Ong Calls AA
- 8:21 AM AA Emergency Line
- 8:24 AM "We Have Some Planes"
- 8:27 AM "Real World or Exercise?"
- 8:38 AM Where is He Going?
- 8:40 AM Battle Stations
- 8:42 AM No Destination
- 8:47 AM Fire at World Trade Center
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- 9:32 AM Bomb on Board
- 9:32 AM Belated Notification
- 9:38 AM Crash Into Pentagon
- 9:39 AM Break Windows
- 10:00 AM Rocking Its Wings
- 10:07 AM United 93 Down
- 10:09 AM No Shootdown Order
- 10:14 AM "He Did Not Land"
- 10:32 AM Shootdown Order Given

nytimes.com

00:00 **Courtship, Marriage and Career** HENRIQUES Yeah.

02:30 **How Madoff Got to Wall Street** MADOFF That seemed to work.

04:11 **The Madoff Marriage, Pre-2008** MADOFF There could be a thousand similarities without that je ne sais quoi chemistry. I realized. Not so much because of Ben happened later, but because I was rich women's, not women's lib so much as and having careers. I could have done little more atypical of my group to go on careers than it got to be later on. And t

05:09 **Memories of Family Life** HENRIQUES Well, you were smart, you did well in obviously could have had a career.

08:14 **Were You a Doomsday?** MADOFF I know, I just never thought about it. An unique. I was going to put Bernie through graduated college in three years. I work that, you know, six three-credit classes

09:21 **Dealing With Infidelities** HENRIQUES I did it in three and a half years, I know you mean, for the same reason: I want

10:18 **Why Were You Loyal to Him?** MADOFF And that was it, I was going to get a job through law school. And people did the school. I mean, it was just, that's what outrageous when you think about it not unique.

11:16 **How Could You Not Know?** HENRIQUES Well, you were smart, you did well in obviously could have had a career.

13:17 **How Did Your Family React?** MADOFF I think he was very worried because his close to really making a success. In his about success, financial success, than And, seeing his father, I think he sort of opportunities: one when he left Everlast and the second, when he had his own sort of on its way to success, and he, u

14:43 **Attempting Suicide Together** HENRIQUES Well, you were smart, you did well in obviously could have had a career.

16:09 **Tensions With Sons** MADOFF I think he was very worried because his close to really making a success. In his about success, financial success, than And, seeing his father, I think he sort of opportunities: one when he left Everlast and the second, when he had his own sort of on its way to success, and he, u

20:57 **Visiting the Prison** MADOFF I think he was very worried because his close to really making a success. In his about success, financial success, than And, seeing his father, I think he sort of opportunities: one when he left Everlast and the second, when he had his own sort of on its way to success, and he, u

23:07 **Cutting Ties** MADOFF I think he was very worried because his close to really making a success. In his about success, financial success, than And, seeing his father, I think he sort of opportunities: one when he left Everlast and the second, when he had his own sort of on its way to success, and he, u

24:34 **A Son's Suicide** MADOFF I think he was very worried because his close to really making a success. In his about success, financial success, than And, seeing his father, I think he sort of opportunities: one when he left Everlast and the second, when he had his own sort of on its way to success, and he, u

28:00 **Why Speak Now?** MADOFF I think he was very worried because his close to really making a success. In his about success, financial success, than And, seeing his father, I think he sort of opportunities: one when he left Everlast and the second, when he had his own sort of on its way to success, and he, u

How Madoff Got to Wall Street

MADOFF I think he was very worried because his close to really making a success. In his about success, financial success, than And, seeing his father, I think he sort of opportunities: one when he left Everlast and the second, when he had his own sort of on its way to success, and he, u

nytimes.com

www.nytimes.com/interactive/2012/10/04/us/politics/20120804

The First Presidential Debate

Published: October 3, 2012

2012 PRESIDENTIAL AND VICE-PRESIDENTIAL DEBATES

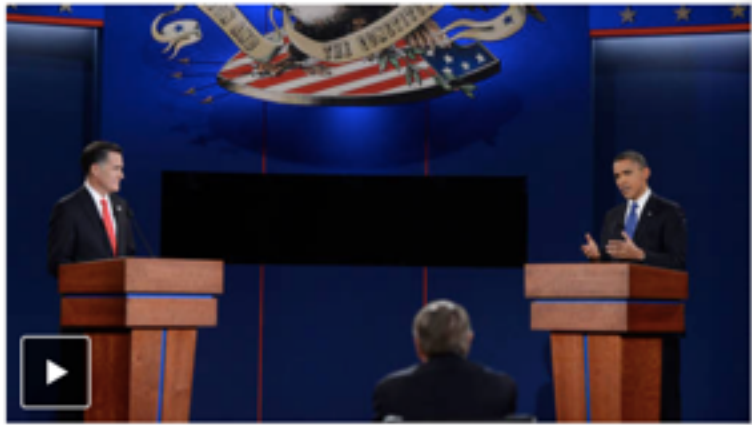
October 3, 2012 **Domestic Policy**

October 11, 2012 **Vice-Presidential Debate**

October 16, 2012 **Foreign and Domestic Policy**

October 22, 2012 **Foreign Policy**

Follow along with this interactive replay of the presidential debate, using fact checks and graphics to take a closer look at President Obama and Mitt Romney's assertions and attacks.



0:00:01 **JIM LEHRER** Debate transcript from the Federal News Service

Good evening from the Magness Arena at the University of Denver in Denver, Colorado. I'm Jim Lehrer of the PBS NewsHour, and I welcome you to the first of the 2012 presidential debates between President Barack Obama, the Democratic nominee, and former Massachusetts Governor Mitt Romney, the Republican nominee.

This debate and the next three -- two presidential, one vice-presidential -- are sponsored by the Commission on Presidential Debates.

Tonight's 90 minutes will be about domestic issues, and will follow a format designed by the commission. There will be six roughly 15-minute segments, with two-minute answers for the first question, then open discussion for the remainder of each segment.

nytimes.com

Published: October 16, 2012

The Second Presidential Debate

2012 PRESIDENTIAL AND VICE-PRESIDENTIAL DEBATES


October 3, 2012 **Domestic Policy**

October 11, 2012 **Vice-Presidential Debate**

October 16, 2012 **Foreign and Domestic Policy**

October 22, 2012 **Foreign Policy**

Follow along with this interactive replay of the second debate, using fact-checks and graphics to take a closer look at attacks and assertions by President Obama and Mitt Romney. [Related Article](#)



0:00:01 **CANDY CROWLEY** Debate transcript from the Federal News Service

Good evening from Hofstra University in Hempstead, New York. I'm Candy Crowley from CNN's State of the Union. We are here for the second presidential debate, a town hall sponsored by the Commission on Presidential Debates.

The Gallup Organization chose 82 uncommitted voters from the New York area. Their questions will drive the night. My goal is to give the conversation direction and to ensure questions get answered.

The questions are known to me and my team only. Neither the commission nor the candidates have seen them. I hope to get to as many questions as possible. And because I am the optimistic sort, I'm sure the candidates will oblige by keeping their answers concise and on point. Each candidate has as much as two minutes to respond to a common question, and there will be a two-minute follow-up.

nytimes.com

The Third Presidential Debate

Follow along with this interactive replay of the final debate, using fact-checks and graphics to take a closer look at attacks and assertions by President Obama and Mitt Romney. [Related Article](#)



HIGHLIGHTS - click to jump to key moments

- 0:00:00 Introduction
- 0:04:00 A Nuclear Iran?
- 0:05:14 Leaving Afghanistan
- 0:12:02 Troops in Iraq
- 0:15:29 Arming Syrian Rebels
- 0:26:02 Defense Cuts
- 0:28:57 Iran Uprisings
- 0:30:29 Foreign Oil
- 0:37:12 Deficit and Health Care
- 0:38:31 Romney's Defense Plan
- 0:40:51 Size of the Navy
- 0:45:14 "Red Lines" and Iran
- 0:46:32 Romney and Iran
- 0:48:23 Talks With Iran
- 0:51:37 "Apology Tour"
- 0:53:16 Iran Sanctions
- 0:55:37 Trips to Israel
- 1:02:49 Troops in Afghanistan
- 1:11:46 Arab Spring
- 1:18:03 Trade and China

INTRODUCTION 1 of 20

Romney and Obama Bristle From Start

President Obama and Mitt Romney wrapped up a series of defining debates on Monday night with a bristling exchange over America's place in the world as each sought to portray the other as an unreliable commander in chief in a dangerous era.

— PETER BAKER and HELENE COOPER, reporters

nytimes.com

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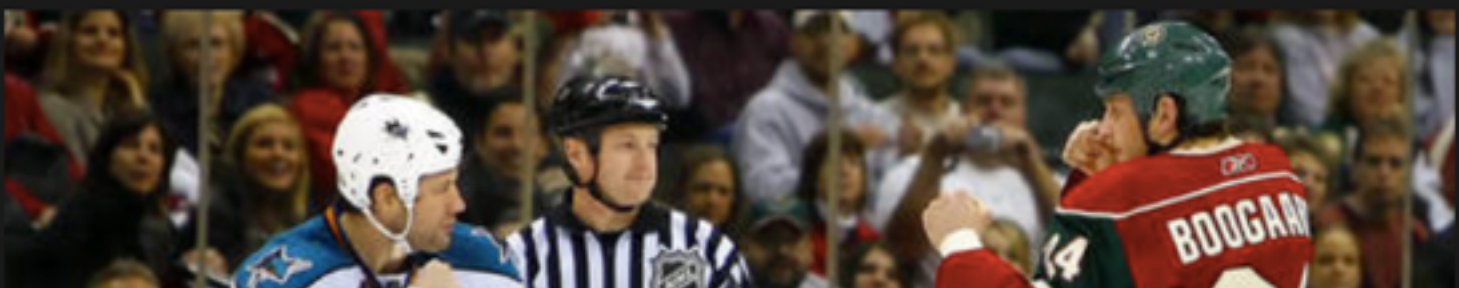
Punched Out

The Life and Death of a Hockey Enforcer | [Read the Articles >](#)

PART 1: LEARNING TO BRAWL PART 2: FIGHT CLUB PART 3: PUNCH DRUNK

Learning to Brawl


Derek Boogaard fought his way to center ice as one of the N.H.L.'s most feared fighters. But the role exposed Boogaard to repeated head trauma, chronic pain and a deadly drug addiction.



nytimes.com

The Life and Legacy of Nelson Mandela: 1918-2013


July 18, 1918 2013



July 18, 1918

Mandela Is Born

Rolihlahla Mandela is born in Mvezo, a tiny village in the Transkei, a former British protectorate in the south. His father, Gadla Henry Mphakanyiswa, was a chief of the Thembu people, a subdivision of



nytimes.com

ASIA PACIFIC | Timeline on North Korea's Nuclear Program

Timeline on North Korea's Nuclear Program

The country's nuclear weapons program and its development of long-range rocket systems have angered many in the West, including in the United States, where the last several presidents have struggled to try to force the North to end its push for nuclear arms. **UPDATED** November 20, 2014

nytimes.com

WORLD | A History of the C.I.A.'s Secret Interrogation Program

A History of the C.I.A.'s Secret Interrogation Program

Fractions of a
second

Published: February 26, 2010

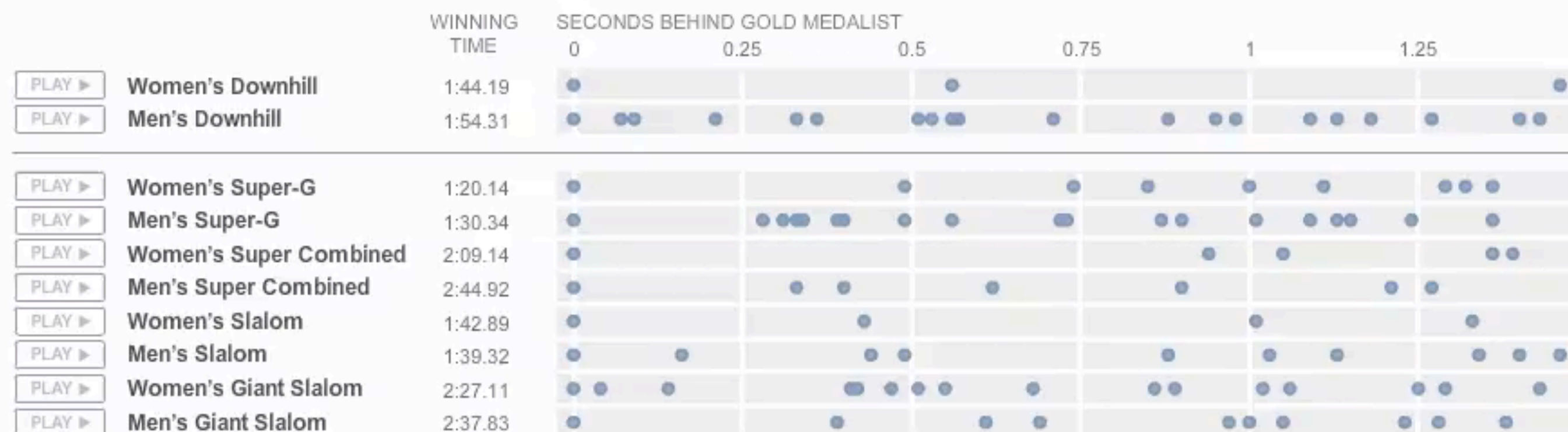
Fractions of a Second: An Olympic Musical

At the Olympics, the blink of an eye can be all that separates the gold medalist from the 10th-place finisher. In some events, this is obvious. But in others, with athletes racing one by one, the closeness of the race is harder to perceive. Listen to the differences below.



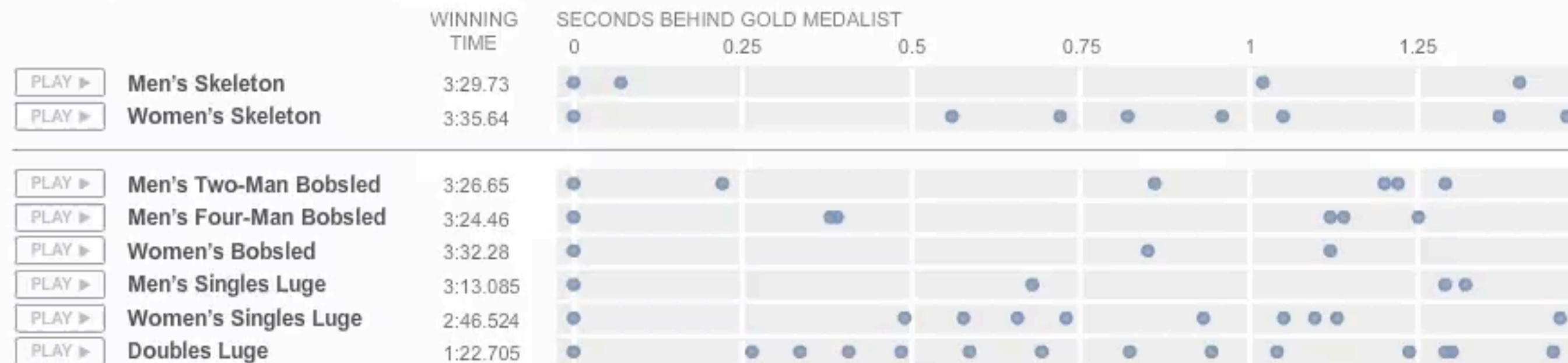
Alpine skiing

The women's downhill course was extremely tiring, and, because it was more challenging than the men's course, it ended up separating the skiers by much larger margins. This pattern appears in the two speed events: the downhill and the super-G.



Skeleton, Bobsled and Luge

In percentage terms, the men's skeleton had one of the tightest finishes in Vancouver, with only .07 of a second separating the top two finishers across a three-and-a-half-minute run. But the difficult track produced speeds higher than expected, and many sliding events had relatively large gaps between gold and silver.



Mariano Rivera

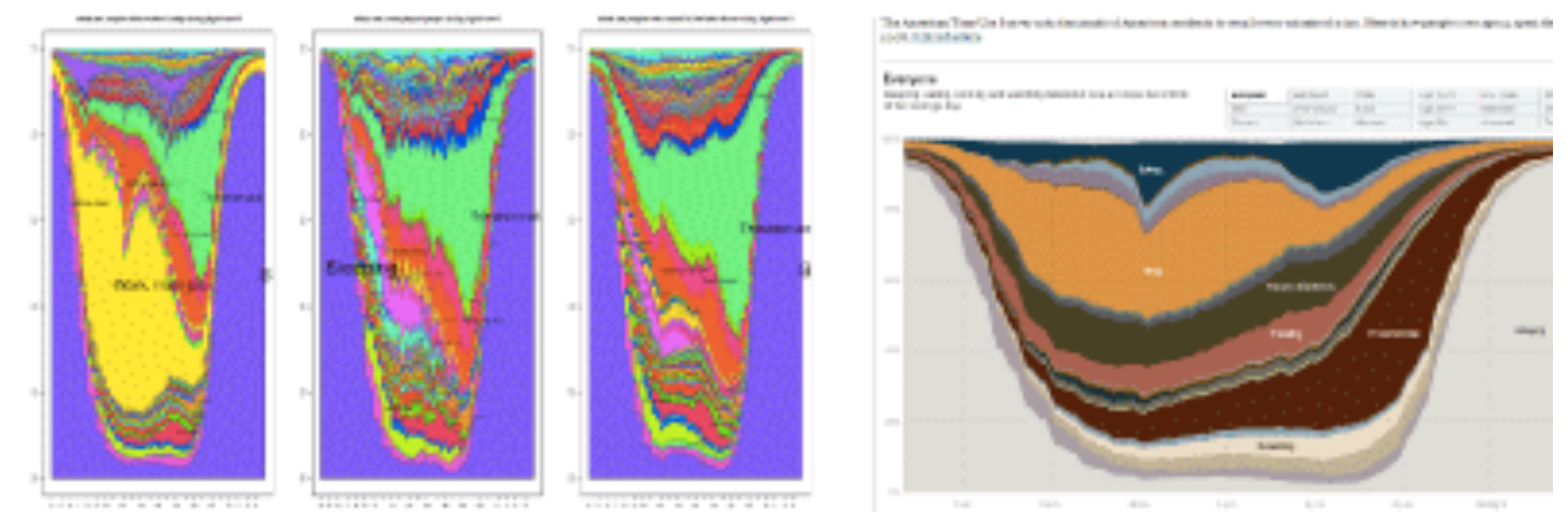
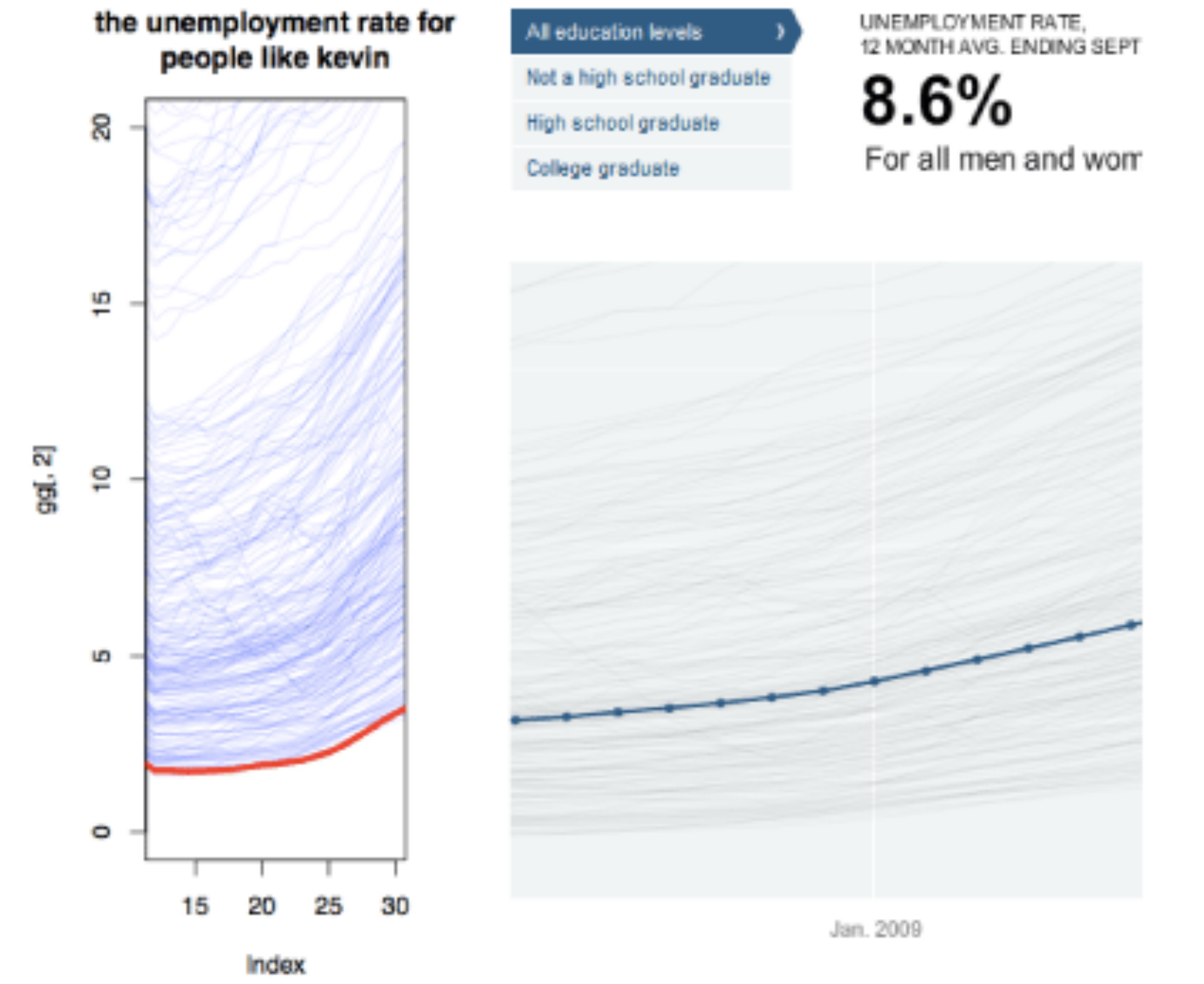


Process

Exploration

R / R Studio

Illustrator





R at The New York Times Graphics Department, pt. 1

from **Drew Conway** 4 years ago NOT YET RATED

On February 16, 2011 Amanda Cox from The New York Times' Graphics Department spoke to the New York R Statistical Programming Meetup.

From the event's description: Amanda will present how R is used in the news cycle at the The New York Times to crunch data and prepare graphics before they go to print or online. She will also discuss some of the problems facing the New York Times ongoing basis, including how to represent uncertainty in an accessible way, and how to move beyond "Here is some data:" toward something closer to inference."

19 Sketches of Quarterback Timelines

On Sunday Eli Manning started his 150th consecutive game for the Giants, the highest active streak in the NFL and the third-longest streak in NFL history. (One of the other two people above him is his brother, Peyton.)

The graphics department published [an interactive graphic](#) that put Eli's streak in the context of about 2,000 streaks from about 500 pro quarterbacks. The graphic lets you explore the qbs and search for any quarterback or explore a team to go down memory lane for your team.

It's not particularly important news, but the data provided by pro-football-reference is incredibly detailed and the concept lended itself to a variety of sketches. It was also good practice sketching in D3, which, once you memorize a few things, isn't as painful as I had thought. (Being in SF for the fall makes learning easier, too, since I can interrupt Mike more easily when he's sitting one desk over.)

A couple bar charts in R. First, total games started (this compares Eli to QBs in his draft class or later).





The making of the NYT's Netflix graphic

One of The Times' recent graphics, "A Peek Into Netflix Queues," ended up being one of our more popular graphics of the past few months. (A good roundup of what people wrote is [here](#)). Since then, there have been a few questions about the how the graphic was made and Tyson Evans, a friend and colleague, thought it might interest SND members. (I bother Tyson with questions about CSS and Ruby pretty regularly, so I owe him a few favors.)

Most readers are probably interested in the [interactive graphic](#), although I will say that we also ran a lovely full-page graphic in print in the Metropolitan section, which goes out to readers in the New York region. That graphic had a lot of interesting statistical analysis – in fact, it would have been nice to get some analysis in the web version, more on that later – but for this I will focus mostly on the web version. If there are questions about the print graphic, I will make sure I get Amanda Cox to try to explain [cluster analysis](#) to me again.

First is the data itself. Jo Craven McGinty, a CAR reporter, was in contact with Netflix to obtain a database of the top 50 movies in each ZIP code for every ZIP in the country. That's about 1.9 million records. The database did not include the number of people renting the movie – just the rank. (We would have loved to have it, but Netflix said no. Understandably, it would have given competitors a perfect map of their market penetration.) The raw data looked like this:

ZIP	TITLE	PRIMARY_GENRE	RANK
00603	THE CURIOUS CASE OF BENJAMIN BUTTON	Drama	3
00603	SEVEN POUNDS	Drama	5
00603	NIGHTS IN RODANTHE	Drama	6
00603	UNDERWORLD: RISE OF THE LYCANS	Horror	27
00603	TWILIGHT	Romance	4
00603	RACE TO WITCH MOUNTAIN	Sci-Fi & Fantasy	38
00603	STAR TREK	Sci-Fi & Fantasy	30

Production

JavaScript

D3.js

jQuery

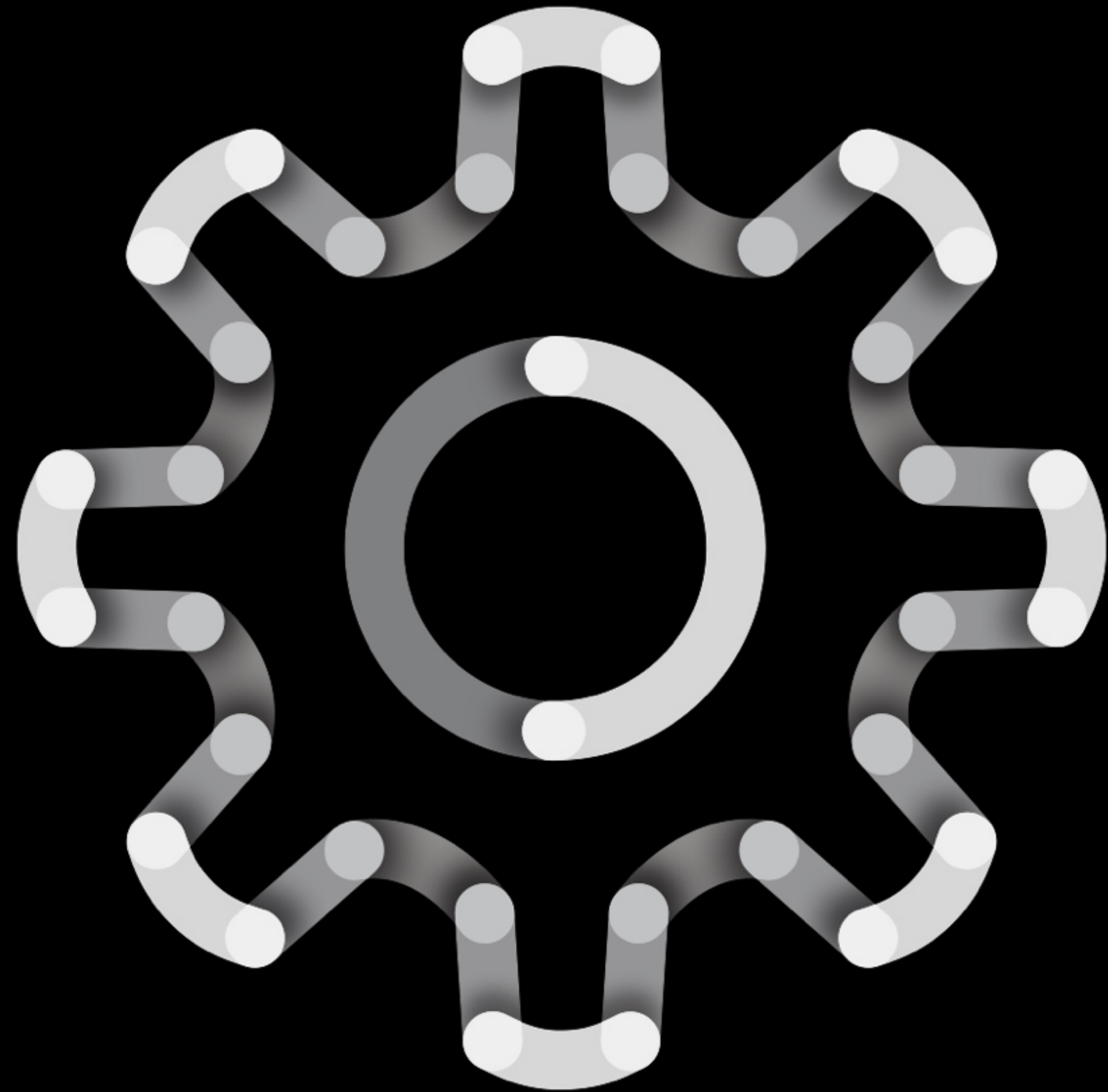
Underscore

SVG library

The image displays two overlapping browser windows from nytimes.com. The top window shows an article titled "Riding the New Silk Road" published on July 21, 2013. It features a map of the Silk Road routes, with labels for "LAND ROUTE", "OCEAN", "KAZAKH", "CHINA", and "Shipments depart from Chongqing". The bottom window shows an article titled "In Climbing Income Ladder, Location Matters" published on July 22, 2013. It features a choropleth map of the United States showing the chance a child raised in the bottom fifth rises to the top fifth. The map is color-coded by percentage, with a legend on the left: 35% (dark blue), 20% (medium blue), 15% (light blue), 10% (yellow), and 4% (red). The map shows that the chance is highest in Salt Lake City (11.5%) and lowest in Atlanta (4.0%). Other cities shown include Boston (9.8%), New York (9.7%), Chicago (6.1%), Houston (8.4%), L.A. (9.6%), and Charlotte (4.3%). A text box on the right notes: "In areas like Atlanta, upward mobility appears to be substantially lower than in any other rich country." The bottom window also includes a social media sharing section with "E-MAIL" and "FACEBOOK" buttons, and an advertisement for "Weekendavisen".

More examples

Design is becoming increasingly algorithmic.





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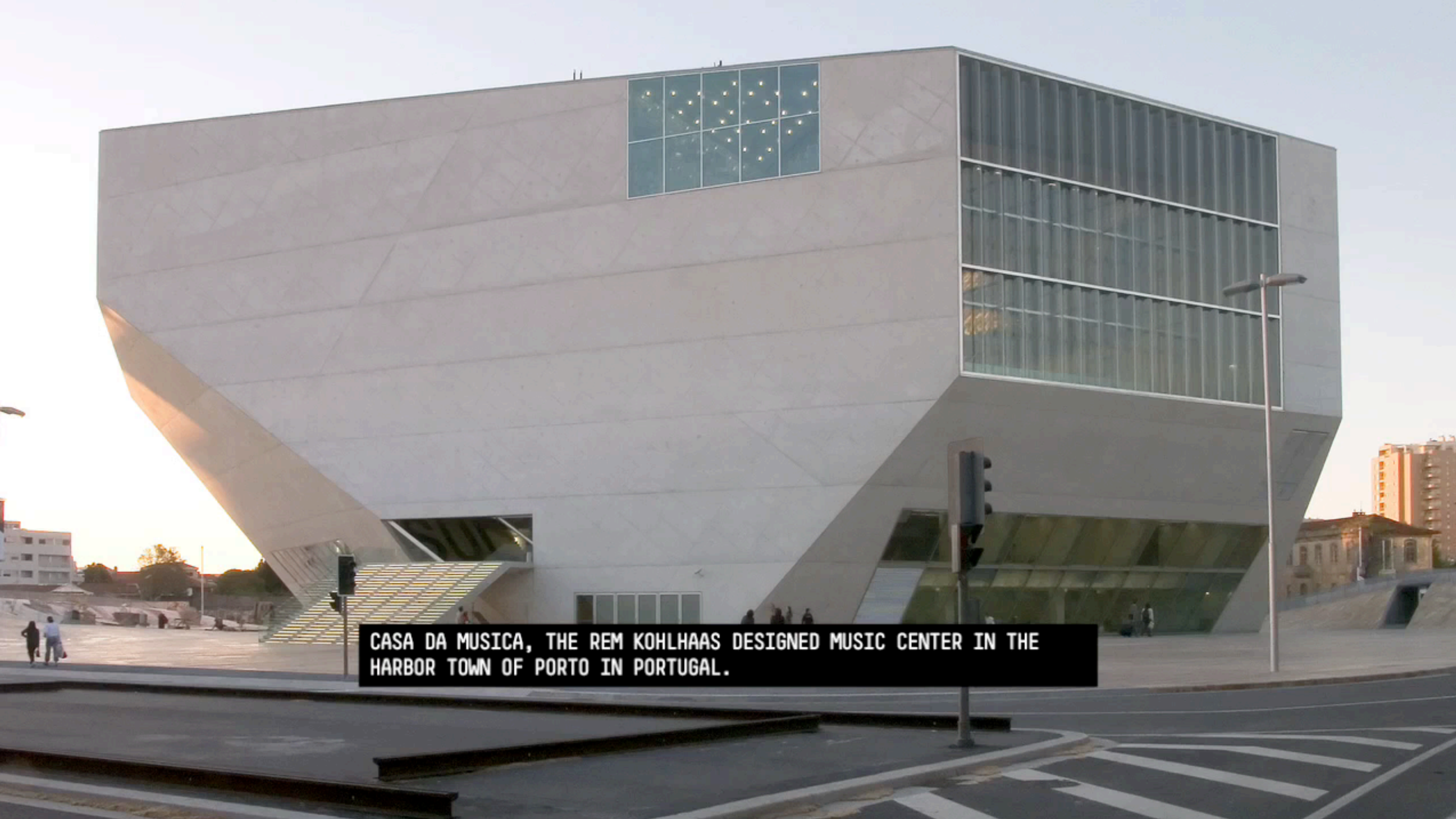
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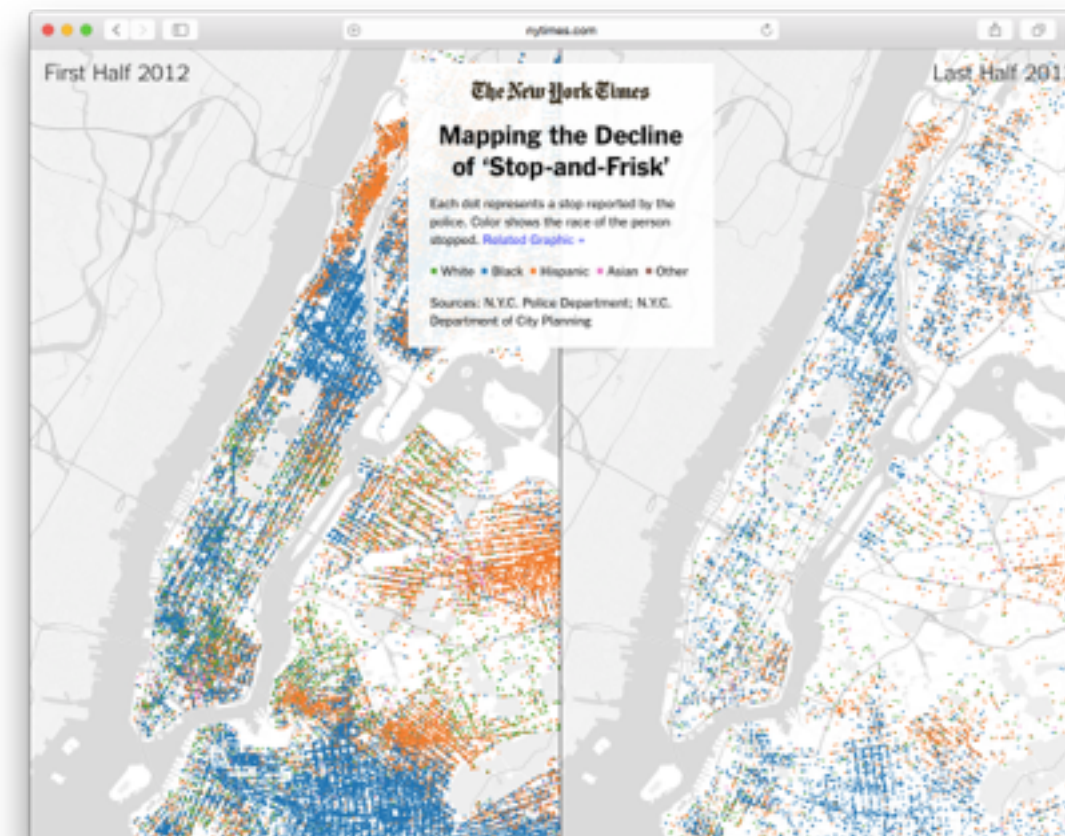
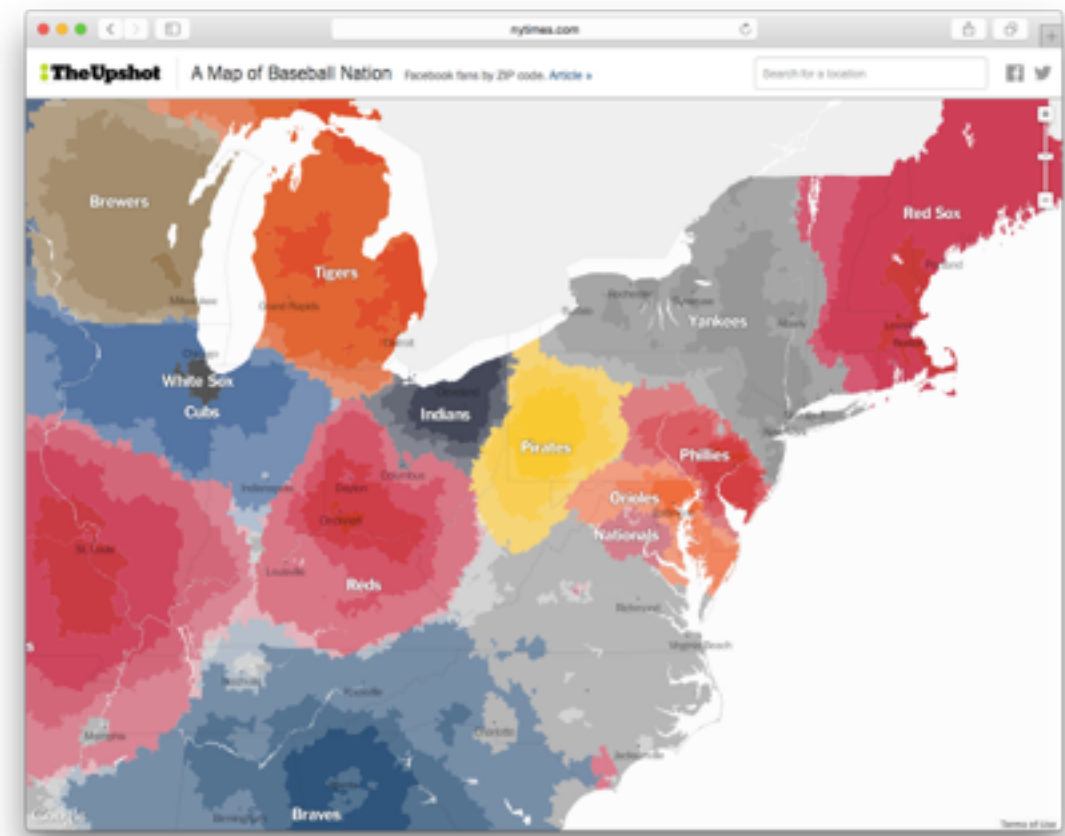
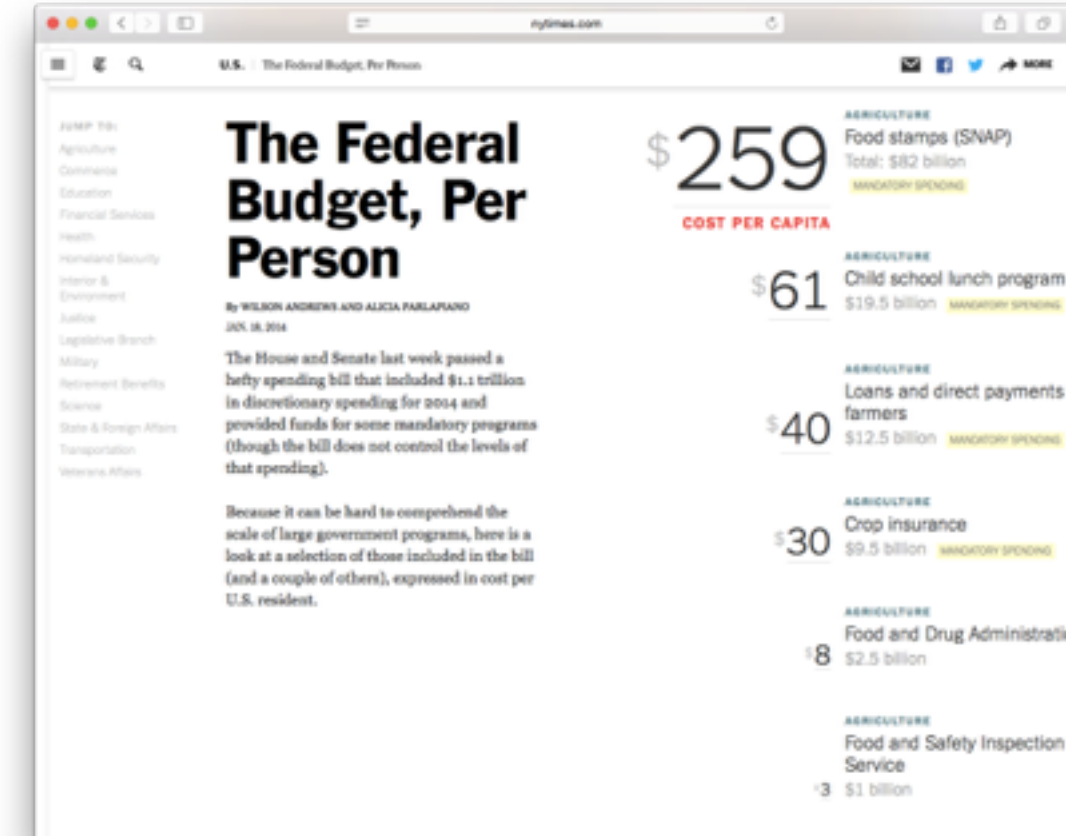
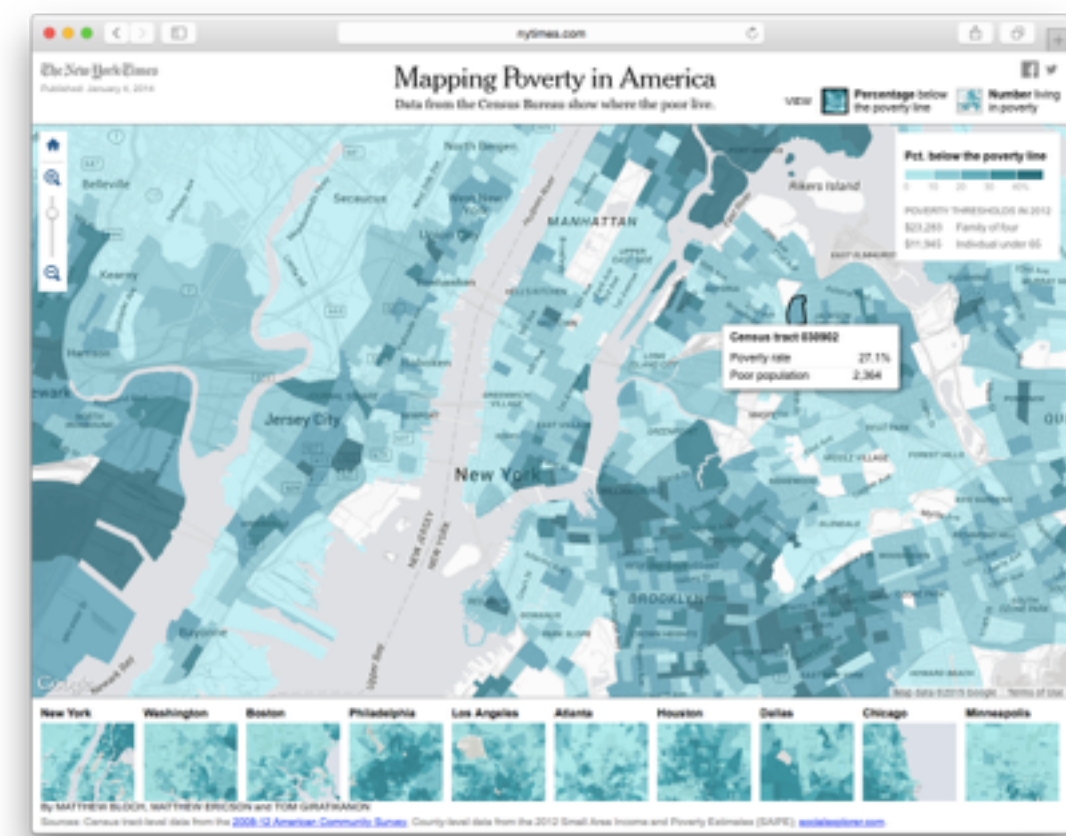
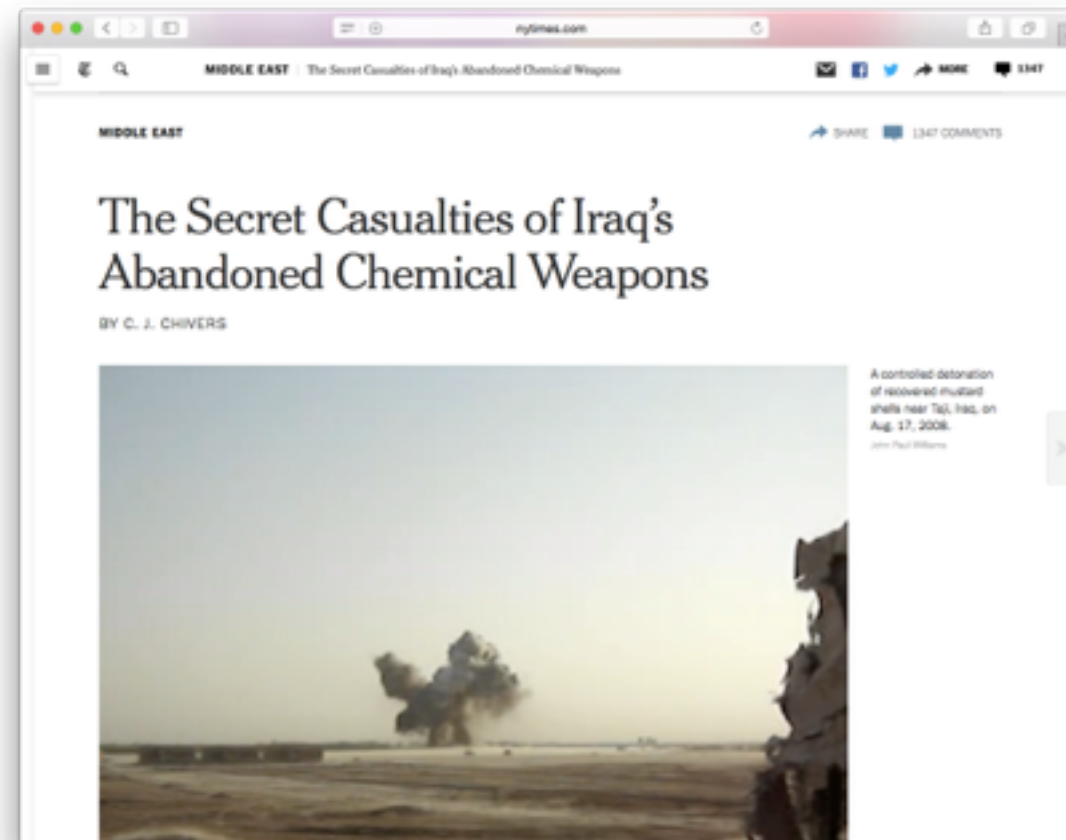
Sung Kim
Function Engineering
sung@function.com

FUNCTION



CASA DA MUSICA, THE REM KOHLHAAS DESIGNED MUSIC CENTER IN THE HARBOR TOWN OF PORTO IN PORTUGAL.

Google



Finally...

Content first



politekten.dk

The Federal Budget, Per Person - The New York Times Fakta: Sådan ser finansloven for 2014 ud - Po...

POLITIKEN SEKTIONER SØG DIT POLITIKEN MERE

POLITIK 26. NOV. 2013 KL. 22.01 - OPD. 26. NOV. KL. 22.38

Fakta: Sådan ser finansloven for 2014 ud

Danskere i job kan se frem til skattelettelser.

Gem Følg f t e

Regeringen er til aften blevet enig om en finanslov med Venstre og de konservative.

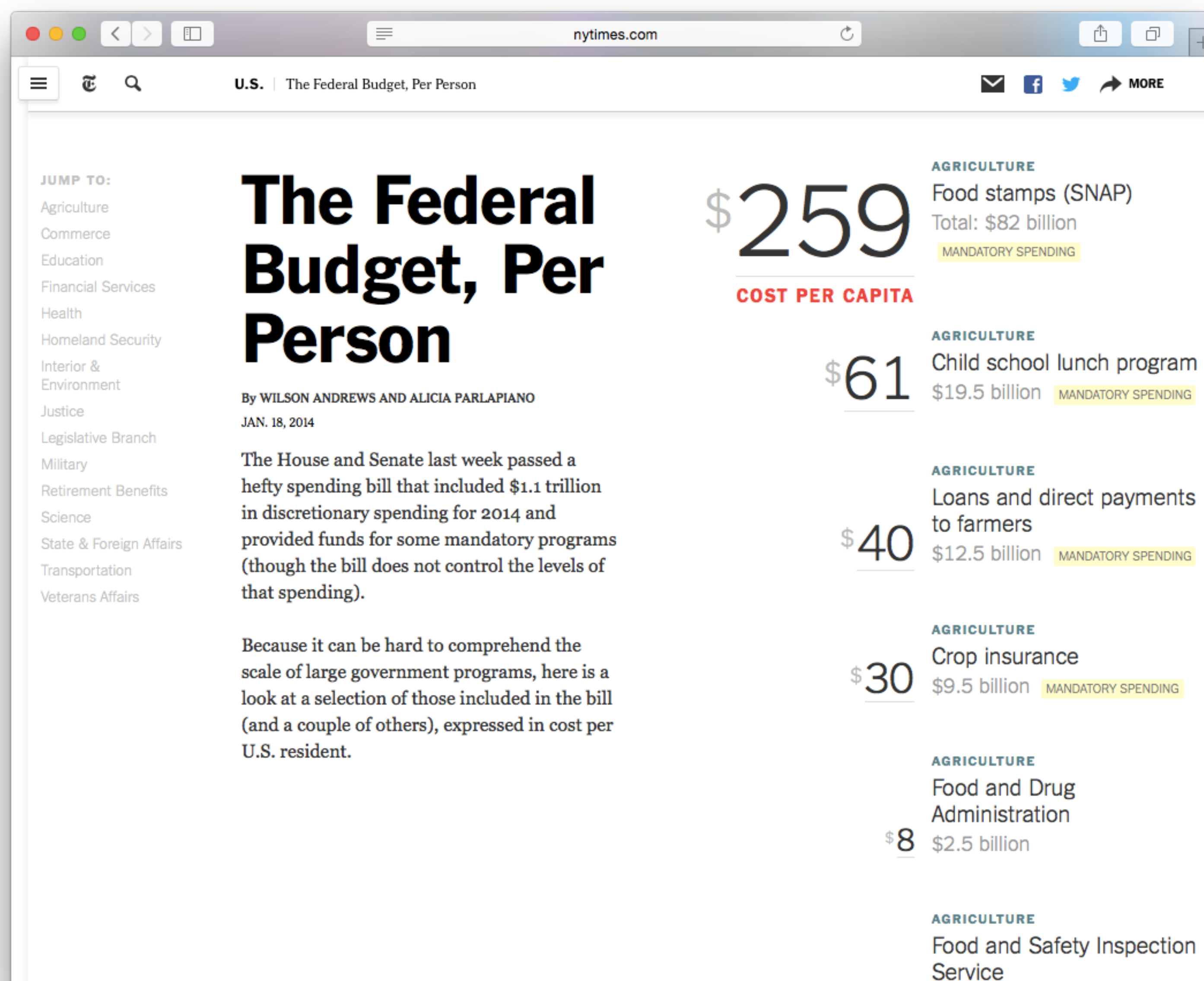
Rammen er små 10 milliarder kroner over de kommende fire år.

De største klumper bliver fordelt således:

- 1 mia. kroner årligt fra 2014-17 til ældreområdet.
- 0,8 mia. kroner til fremrykkede skatte- og afgiftslettelser fra Vækstplanen.
- 1,5 mia. kroner i alt frem til 2017 til grøn omstilling, en naturfond og tilskud til Odense letbane.
- 0,9 mia. kroner til højere beskæftigelsesfradrag, jobfradrag til kontanthjælpsmodtagere og et højere beskæftigelsesfradrag for enlige forsørgere.
- 0,3 til bedre behandling af kræftramte børn, nedbringelse af tvang i psykiatrien, indsats for socialt udsatte børn og boligbistand til unge mv.

DOKUMENTATION Se en uddybende beskrivelse af, hvordan staten bruger sine penge det kommende år(eksternt link)

Kilde: Finansministeriet



nytimes.com

U.S. | The Federal Budget, Per Person

JUMP TO: Agriculture Commerce Education Financial Services Health Homeland Security Interior & Environment Justice Legislative Branch Military Retirement Benefits Science State & Foreign Affairs Transportation Veterans Affairs

The Federal Budget, Per Person

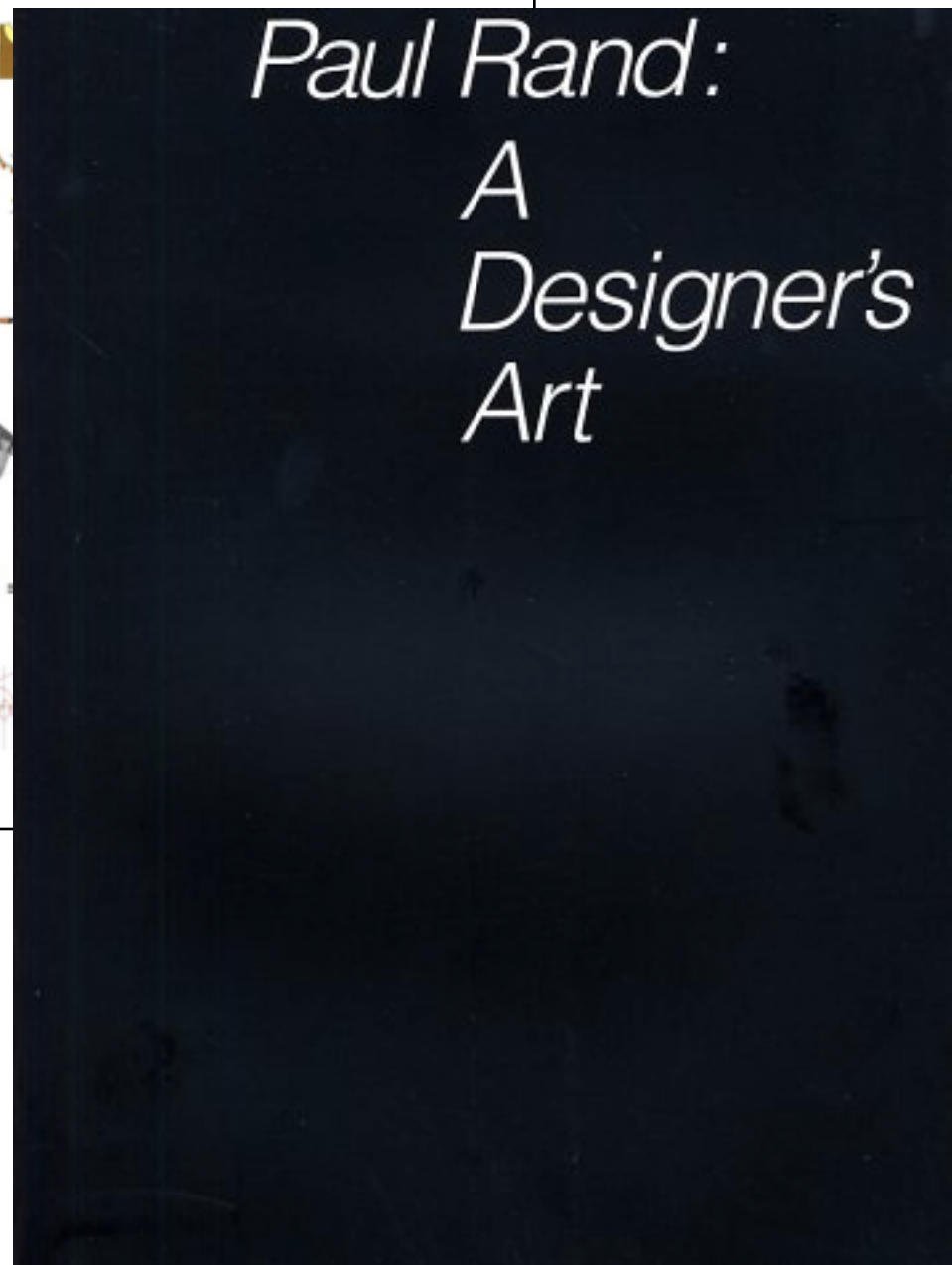
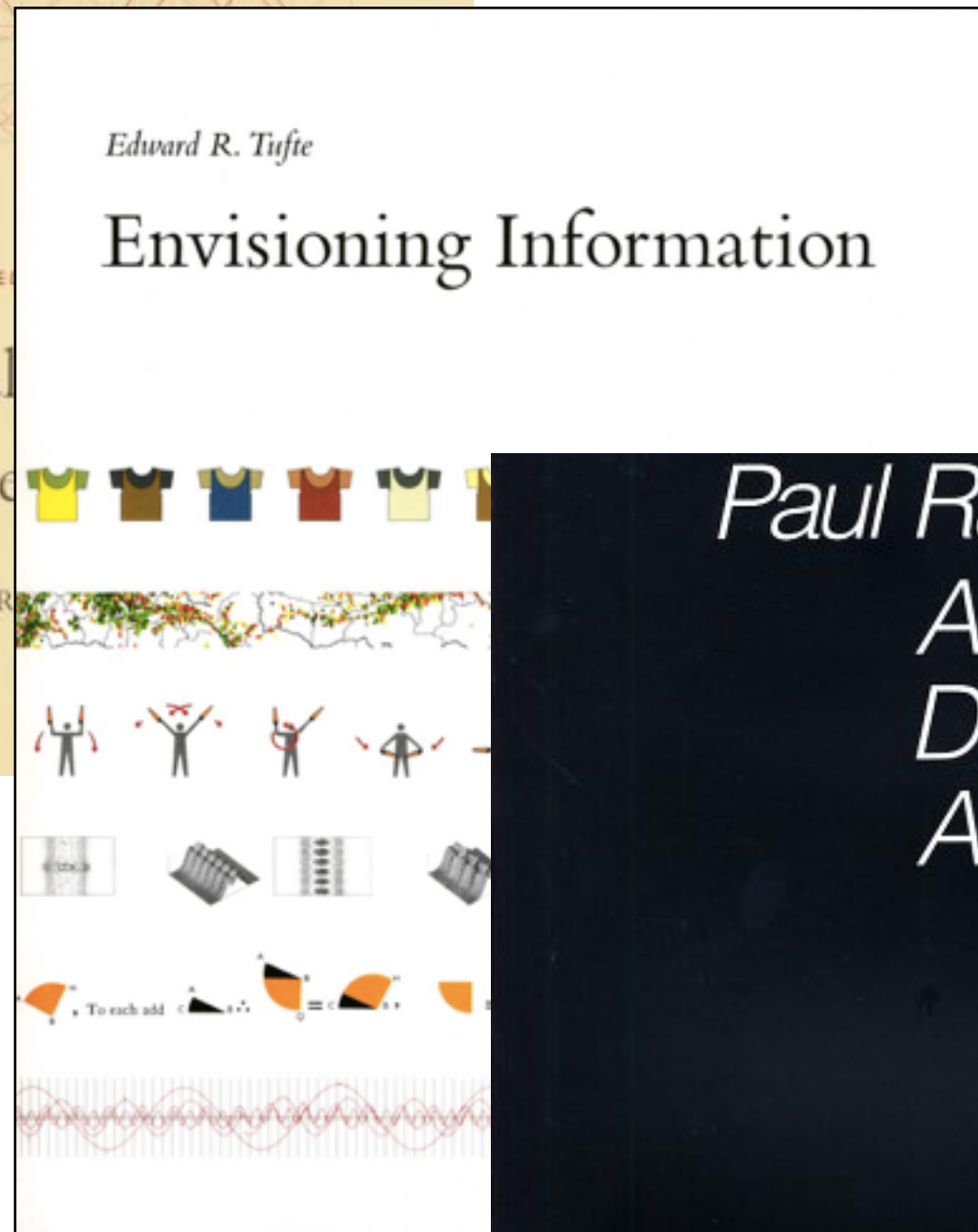
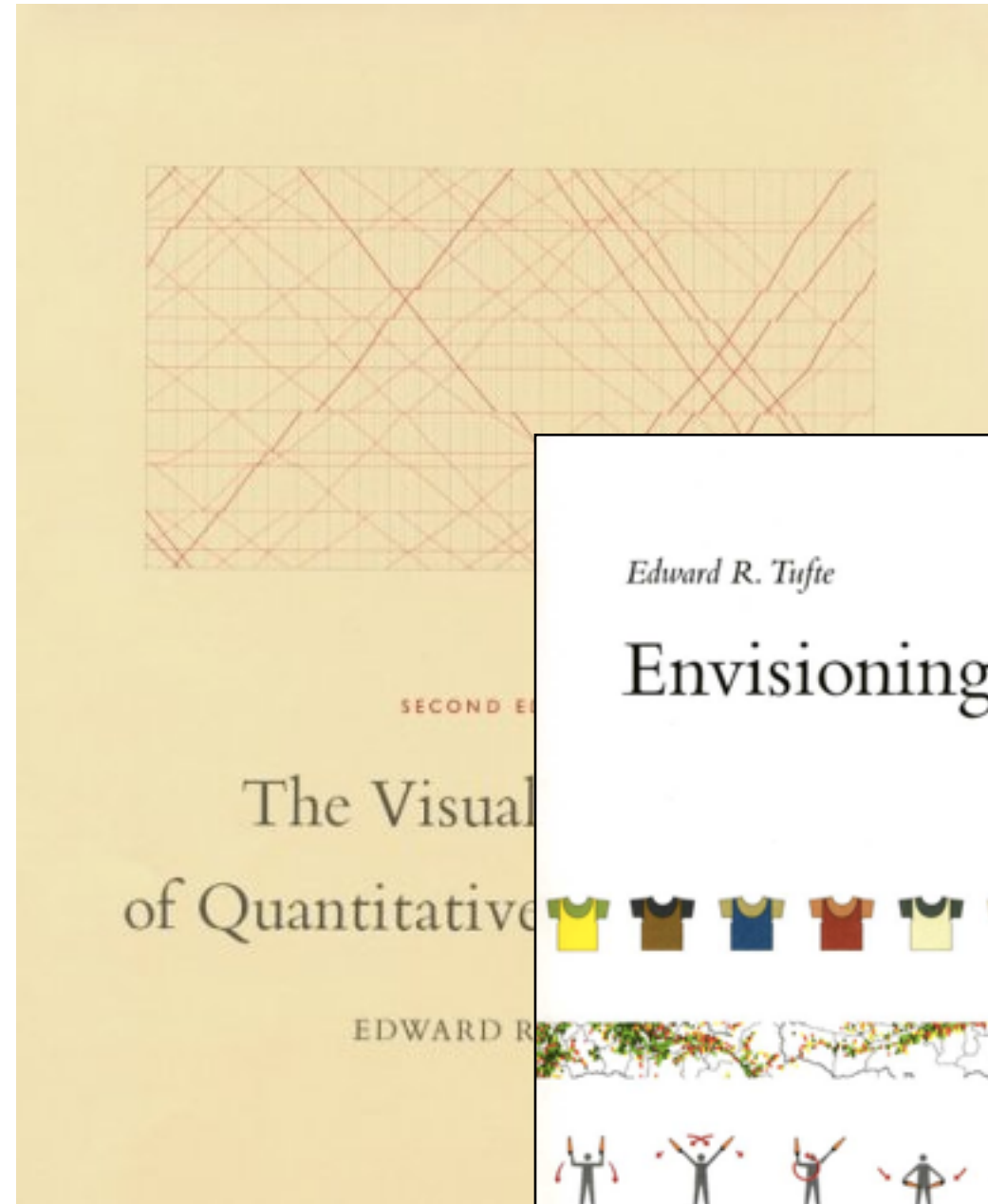
By WILSON ANDREWS AND ALICIA PARLAPIANO
JAN. 18, 2014

The House and Senate last week passed a hefty spending bill that included \$1.1 trillion in discretionary spending for 2014 and provided funds for some mandatory programs (though the bill does not control the levels of that spending).

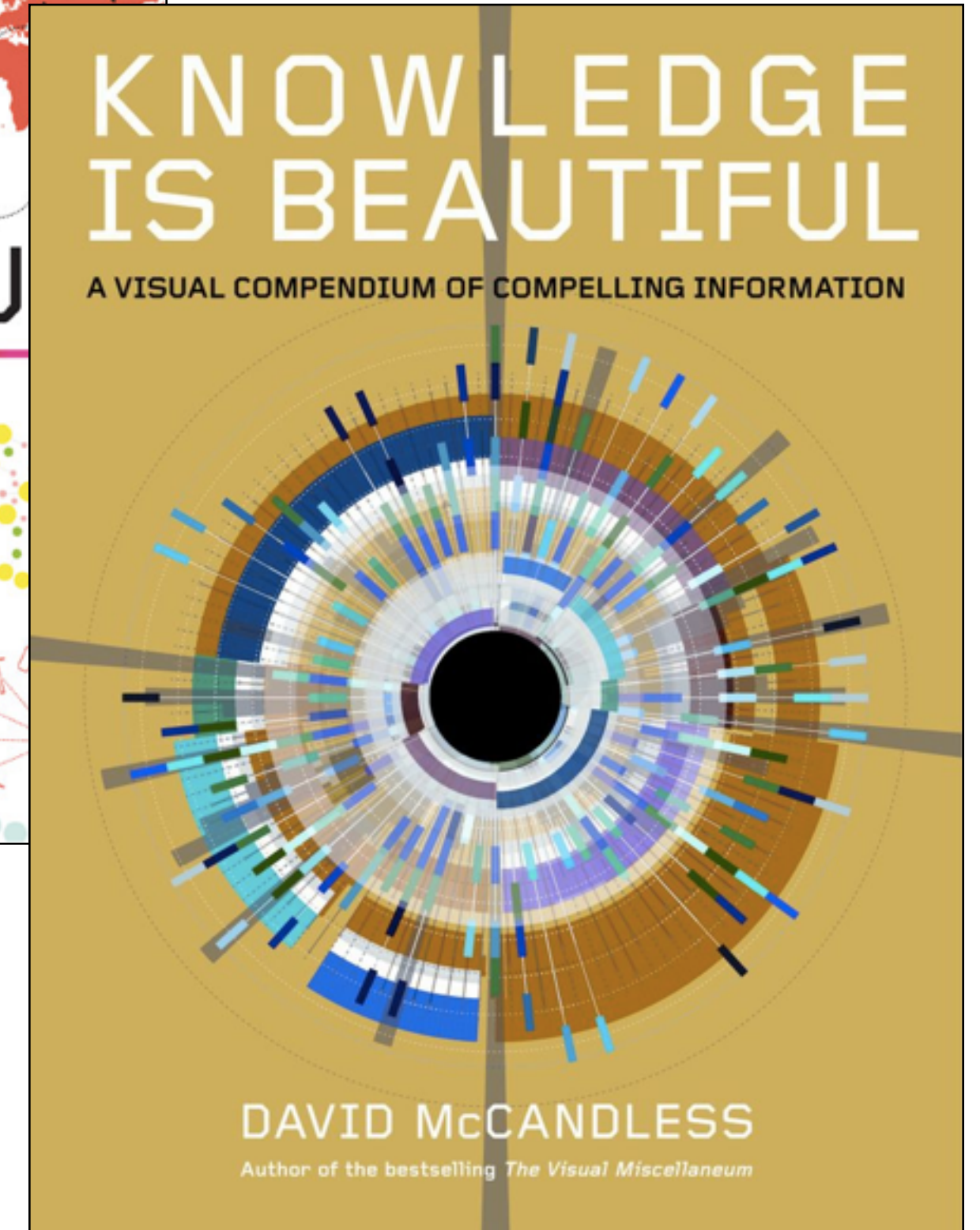
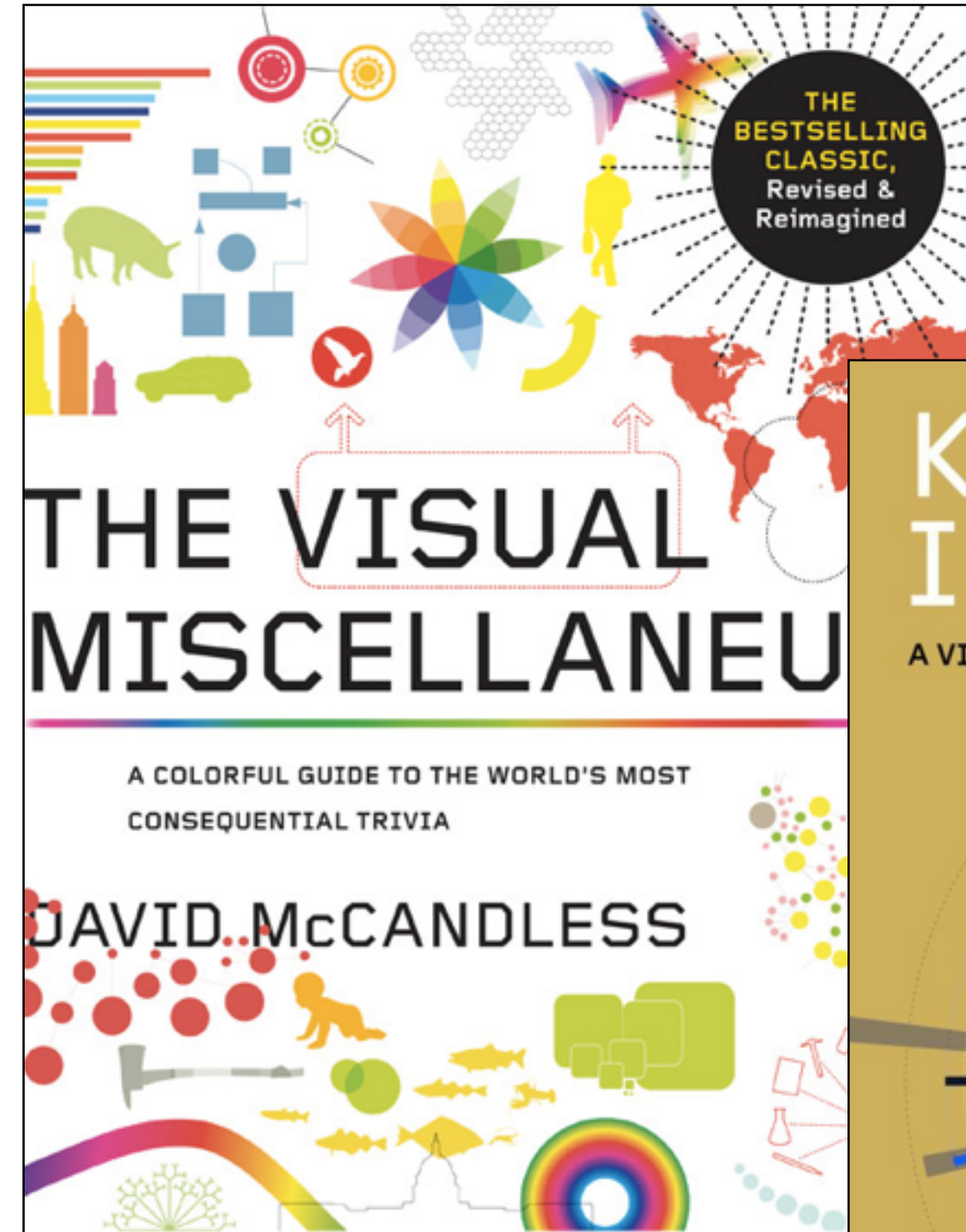
Because it can be hard to comprehend the scale of large government programs, here is a look at a selection of those included in the bill (and a couple of others), expressed in cost per U.S. resident.

\$259	AGRICULTURE Food stamps (SNAP) Total: \$82 billion MANDATORY SPENDING
\$61	AGRICULTURE Child school lunch program \$19.5 billion MANDATORY SPENDING
\$40	AGRICULTURE Loans and direct payments to farmers \$12.5 billion MANDATORY SPENDING
\$30	AGRICULTURE Crop insurance \$9.5 billion MANDATORY SPENDING
\$8	AGRICULTURE Food and Drug Administration \$2.5 billion
	AGRICULTURE Food and Safety Inspection Service

Yes



No




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 **OPEN**
All the Code That's Fit to `printf()` Search Open SEARCH

AUG 11 11:27 AM 24

Building the Next New York Times Recommendation Engine

By ALEXANDER SPANGHER

   The New York Times publishes over 300 articles, blog posts and interactive stories a day.

Refining the path our readers take through this content — personalizing the placement of articles on our apps and website — can help readers find information relevant to them, such as the right news at the right times, personalized supplements to major events and stories in their preferred multimedia format.

In this post, I'll discuss our recent work revamping The New York Times's article recommendation algorithm, which currently serves behind the [Recommended for You](#) section of NYTimes.com.

History

Content-based filtering

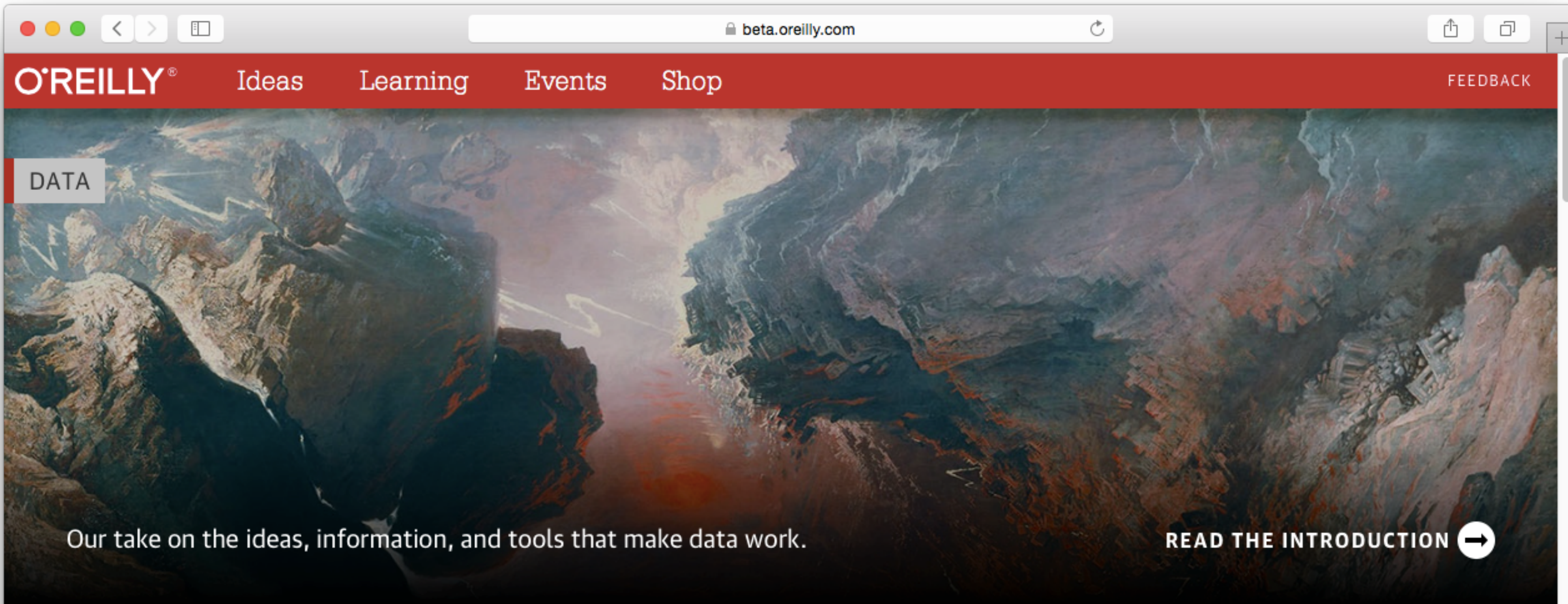
News recommendations must perform well on fresh content: breaking news that hasn't been viewed by many readers yet. Thus, the article data available at publishing time can be useful: the

ABOUT
Open is a blog about code and development written by New York Times developers. We cover everything from our open source projects and APIs to the technology powering our latest products.

ARCHIVE Select Month

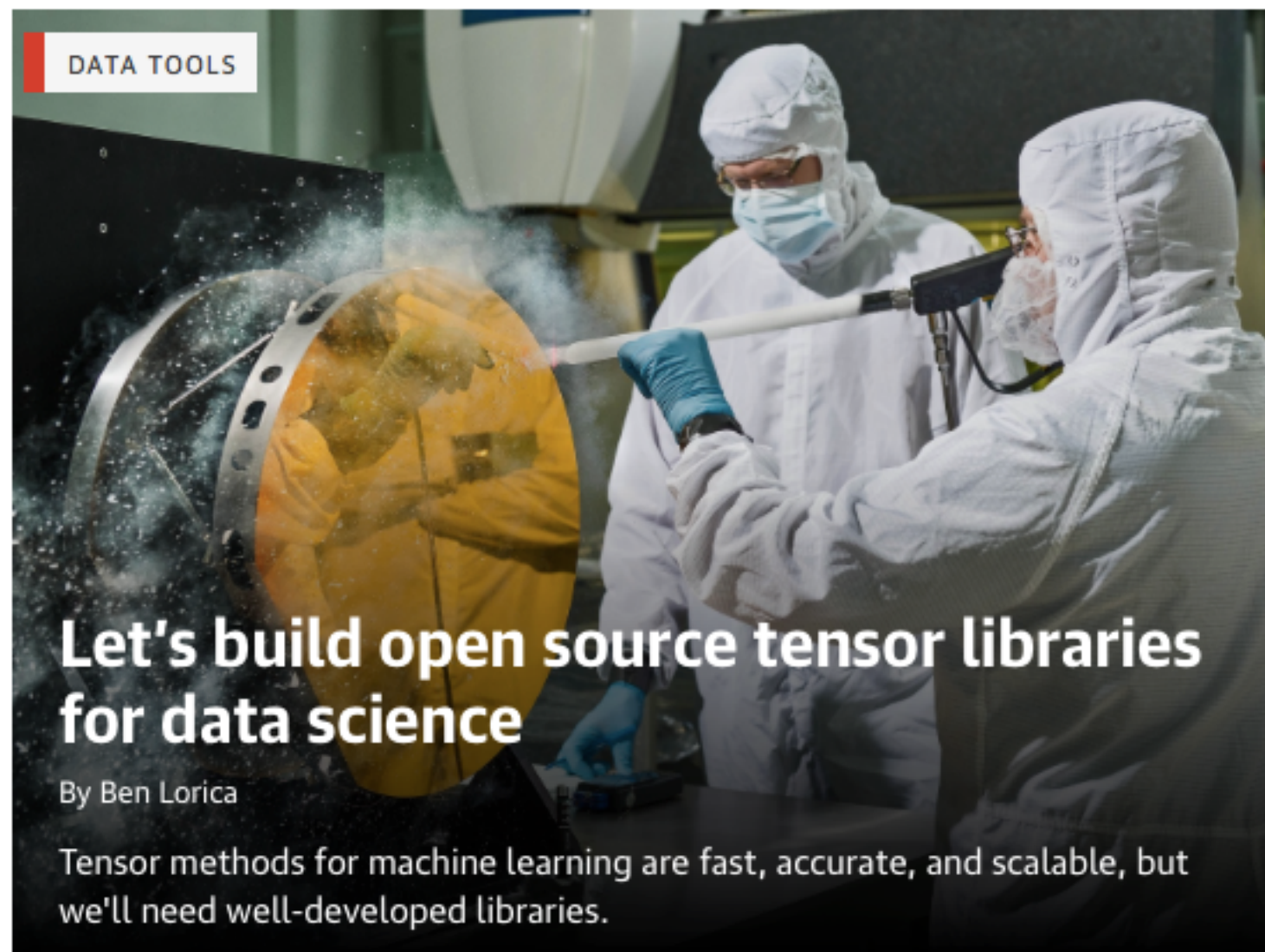
The New York Times
TRY A TIMES SUBSCRIPTION AND SAVE.
Last Chance
8 weeks free
ACT NOW





Ideas

DATA TOOLS



Let's build open source tensor libraries for data science

By Ben Lorica

Tensor methods for machine learning are fast, accurate, and scalable, but we'll need well-developed libraries.

DATA

The big data sweet spot: Policy that balances benefits and risks

By Andy Oram

Deciding what data to collect is hard when consequences are unpredictable.

ARTIFICIAL INTELLIGENCE

Small brains, big data

By Jeremy Freeman

How neuroscience is benefiting from distributed computing, and how computing might learn from neuroscience.

ARTIFICIAL INTELLIGENCE

What is deep learning, and why should you care?

By Pete Warden

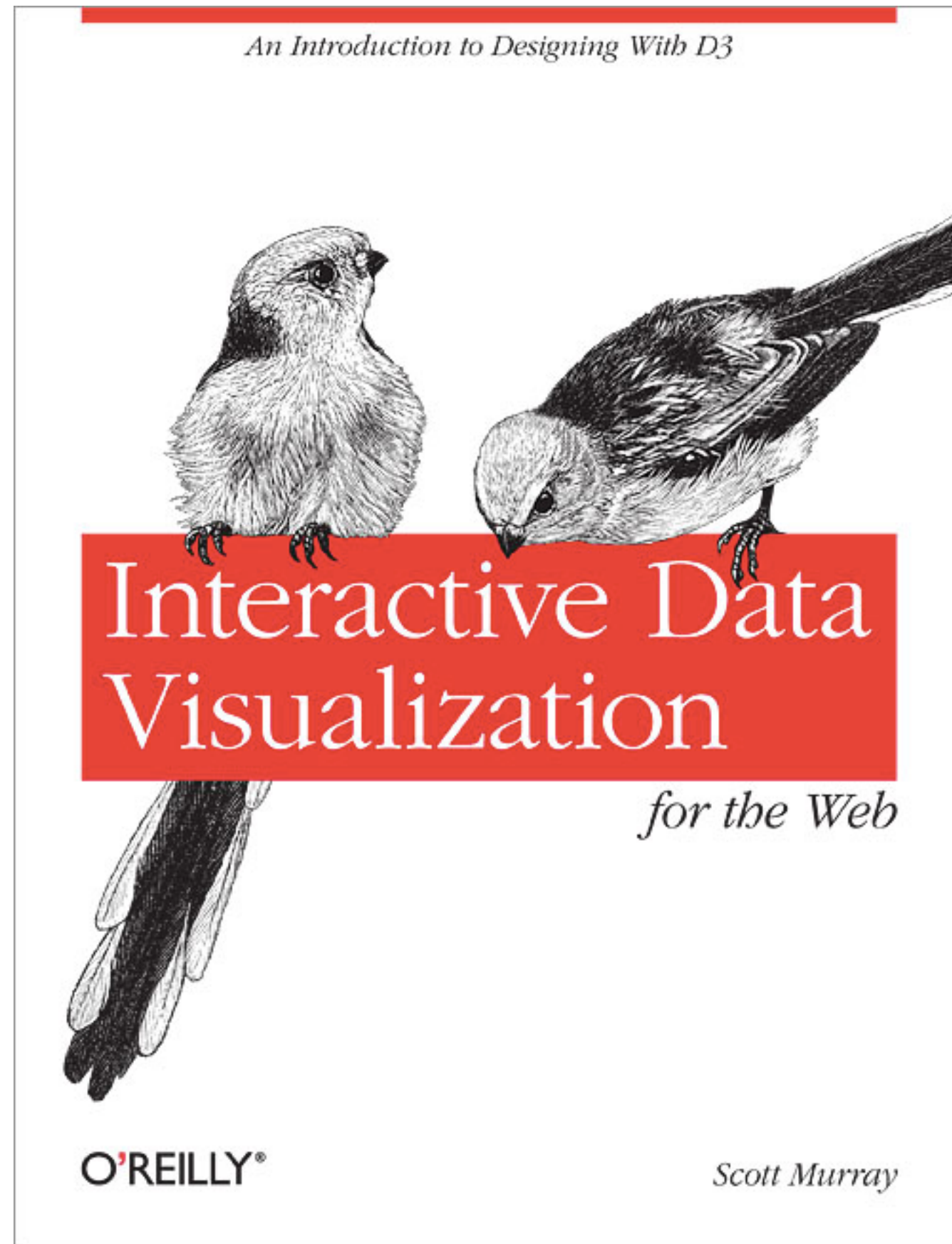
Delving into deep learning and the inner workings of neural networks.

DATA TOOLS

Questioning the Lambda Architecture

By Jay Kreps

The Lambda Architecture has its merits, but alternatives are worth exploring.



beta.oreilly.com

The Data

You have a lot of flexibility around how to structure a dataset in D3. For our scatterplot, I'm going to use an array of arrays. The primary array will contain one element for each data "point." Each of those "point" elements will be another array, with just two values: one for the x value, and one for y:

```
var dataset = [
  [5, 20], [480, 90], [250, 50], [100, 33], [330, 95],
  [410, 12], [475, 44], [25, 67], [85, 21], [220, 88]
];
```

Remember, `[]` means array, so nested hard brackets `[][]` indicate an array within another array. We separate array elements with commas, so an array containing three other arrays would look like this: `[[[]], [], []]`.

We could rewrite our dataset with more whitespace so it's easier to read:

```
var dataset = [
  [ 5,   20 ],
  [ 480, 90 ],
  [ 250, 50 ],
  [ 100, 33 ],
  [ 330, 95 ],
  [ 410, 12 ],
```

EBOOK

Interactive Data Visualization for the Web
By Scott Murray \$33.99 →

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Learning

DATA DESIGN

Three-dimensional Plotting in Matplotlib

By Jake VanderPlas

How to create and display a wide variety of 3D objects and patterns in matplotlib.

DATA TOOLS

Data visualization with Seaborn

By Jake VanderPlas

Seaborn provides an API on top of matplotlib, which uses sane plot and color defaults and simple functions for common statistical plot types.

DATA TOOLS

Introduction to Support Vector Machines

By Jake VanderPlas

This tutorial introduces Support Vector Machines (SVMs), a powerful supervised learning algorithm used to draw a boundary between clusters of data.

DATA TOOLS

DATA SCIENCE

DATA MARKETPLACE

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DATA

Women in Data

Women in data and technology are no longer outliers or anomalies; they are entering the mainstream and excelling where technical skills, advanced education, and no small amount of personal tenacity and brilliance are the minimum requirements.

By Cornelia Lévy-Bencheton and Shannon Cutt, January 1, 2015

Introduction

Women in data and technology are no longer outliers or anomalies; they are entering the mainstream and excelling where technical skills, advanced education, and no small amount of personal tenacity and brilliance are the minimum requirements. That said, women are still an underrepresented minority in the disciplines of science, technology, engineering, and math, known by the acronym STEM.

To investigate and understand how and why some women do extremely well, we interviewed 15 women in data to learn what

EBOOK

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What You Need to Know About Data Mining and Data-Analytic Thinking
Foster Provost & Tom Fawcett

Data Science for Business
By Tom Fawcett and Foster Provost

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Events

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Strata + Hadoop World

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Make Data Work

PAST SESSIONS

SESSION
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By Eric Colson

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On the Computational and Statistical Interface and "Big Data"
By Michael Jordan

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DATA SCIENCE

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