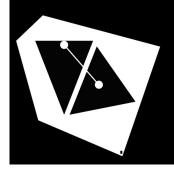
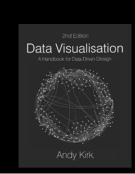
The Design of Nothing by Andy Kirk



andy@visualisingdata.com www.visualisingdata.com @visualisingdata

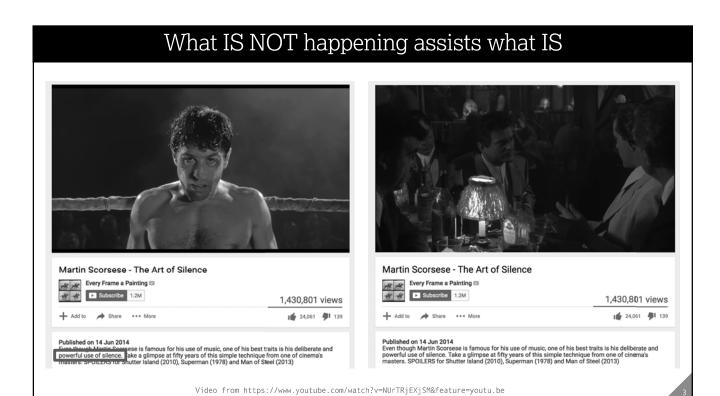


What IS NOT happening assists what IS





Images from http://www.musicstack.com/records-cds/andy+kirk

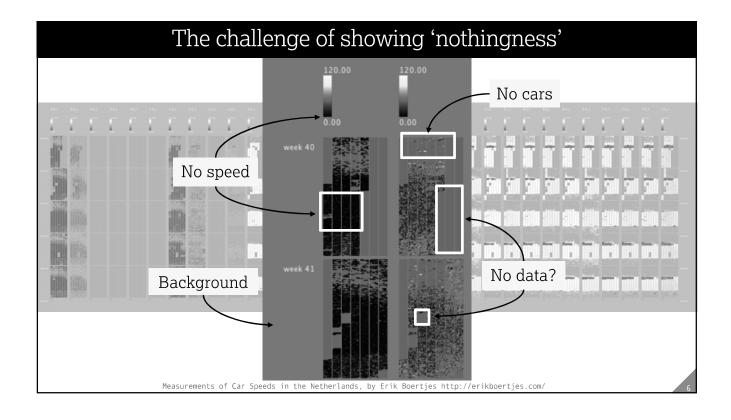


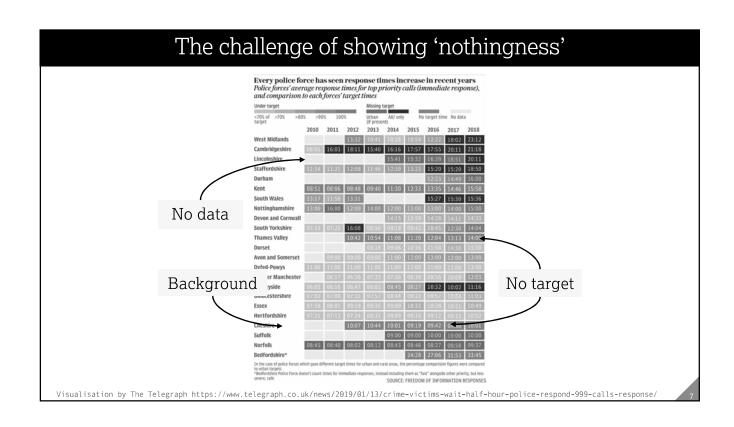


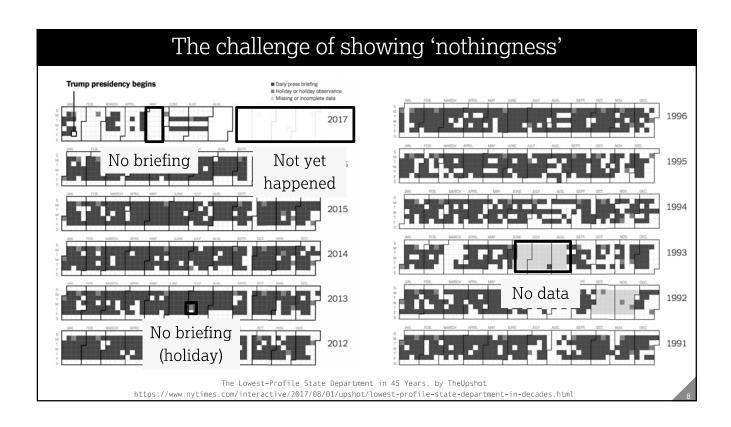
Statistics **describe** data

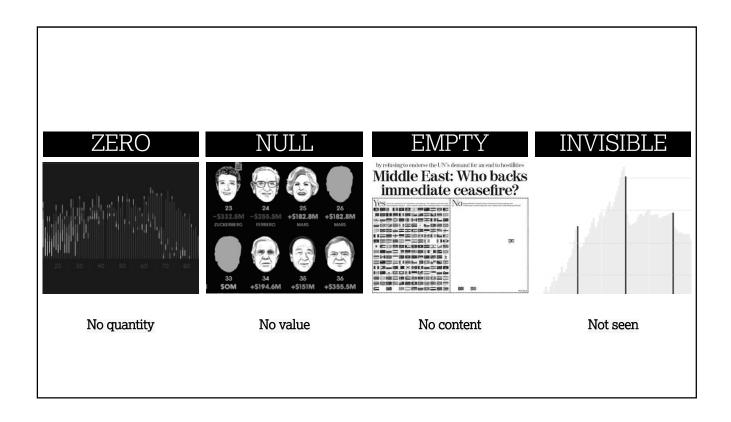
Visualisation **shows** data

But how do you show *nothing*?



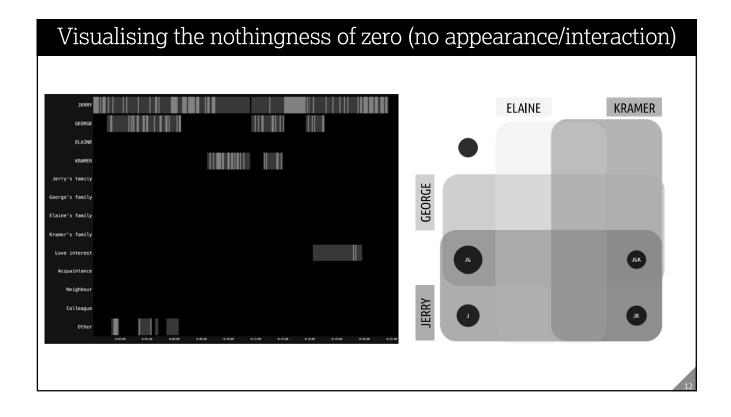










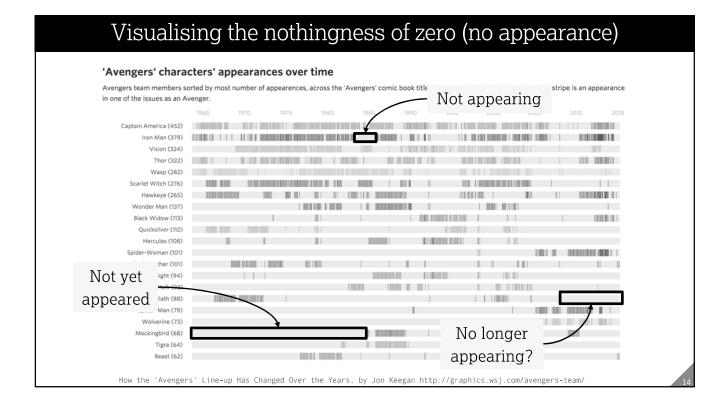


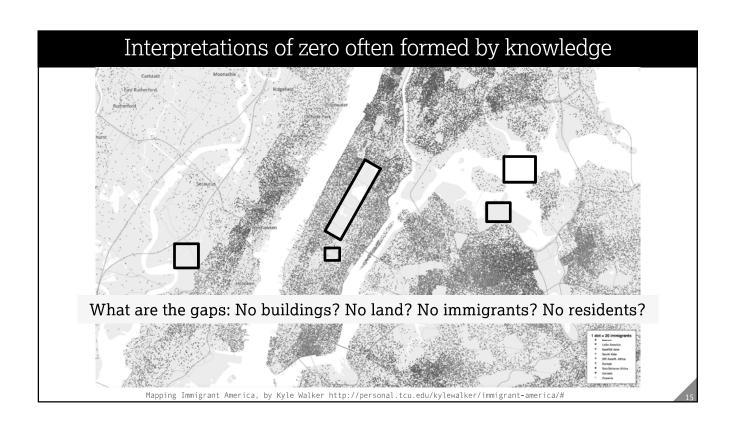
"Zero is in the mind, but not in the sensory world"

Robert Kaplan

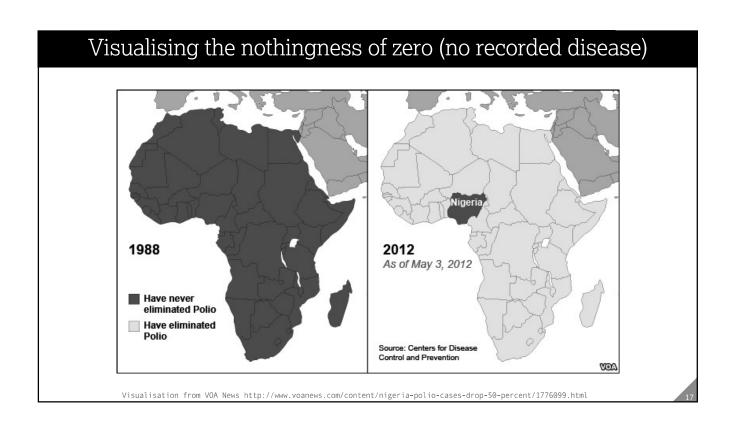
Harvard math professor

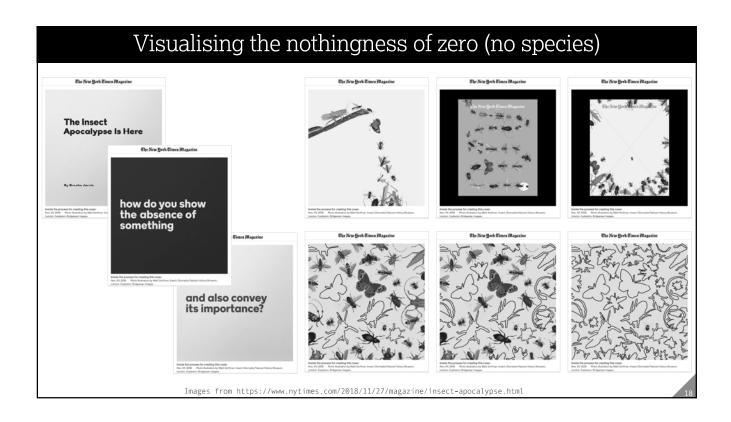
Ouote from https://www.vox.com/science-and-health/2018/7/5/17500782/zero-number-math-explained

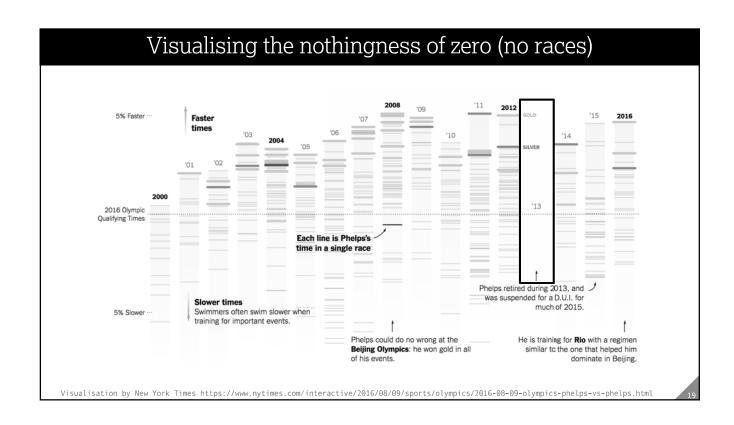


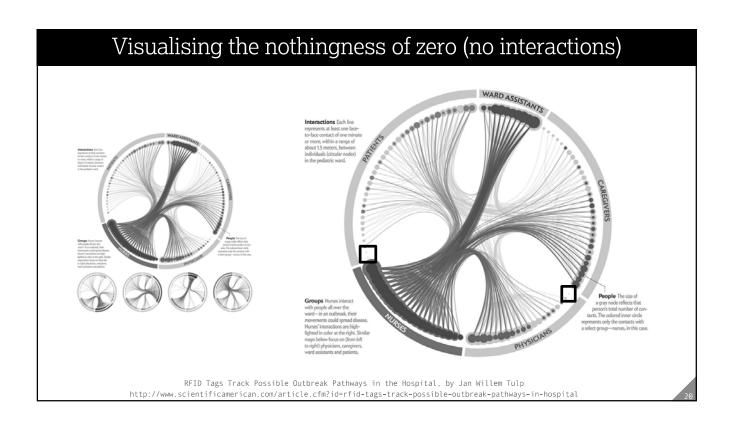


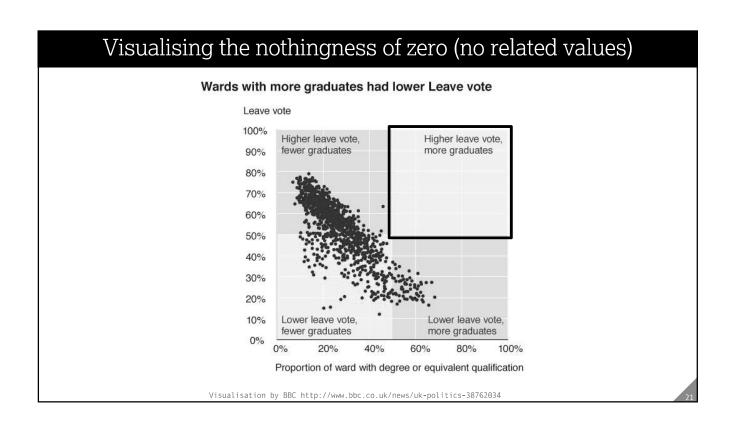


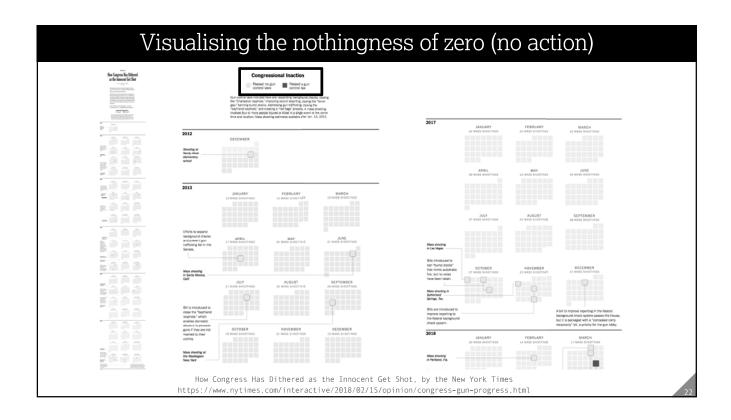


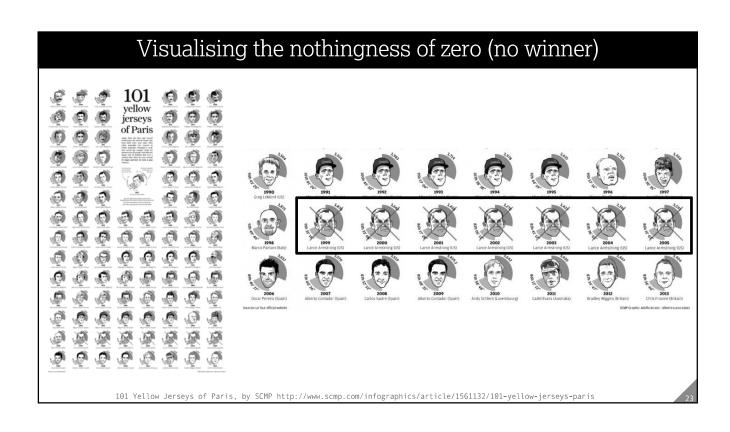






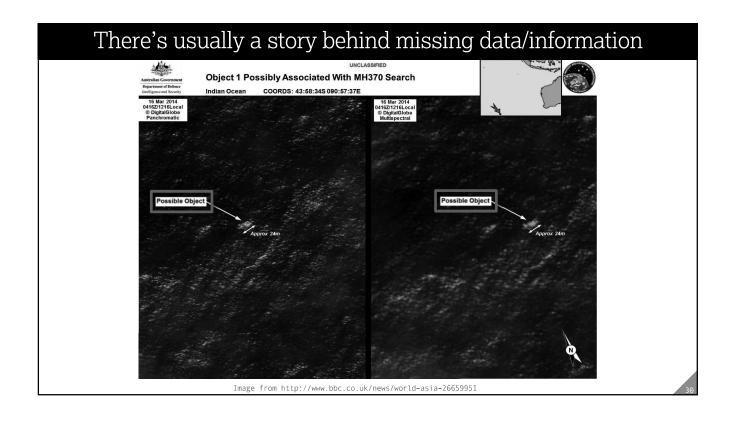




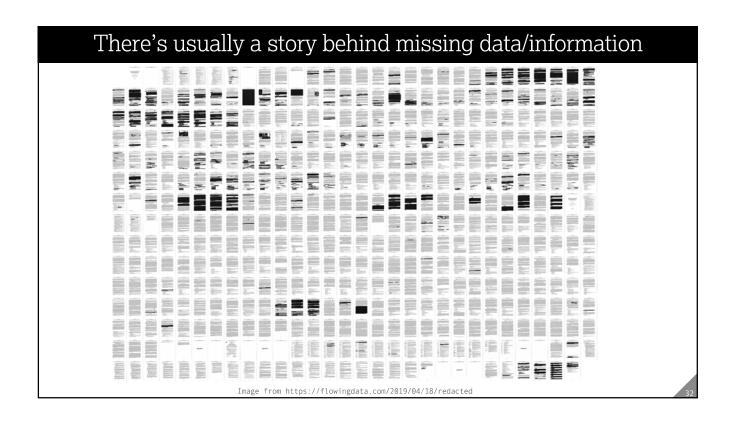


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1	9.58	+0.9		21 AUG 1986	MAL ESS		Bertin [Otympiastadion]	16 AUG 2009	
	9.63		Usain BOLT	21 AUG 1986	MAL ES		London (Olympic Stadium)	05 AUG 2012	
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-	7.07	0.1	Tuhun OLAKE	04 050 4101	-	-	- Laurence	20 AUG 2010	
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_	7,770	-1.0	Tehan BEAKE	20 020 1101	A 2001	-	Conduir (Olympic Olusium)	3703-0014-00	
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_	0.75		Justin CATUM	10 (50 1000		110	Contractor (Pentulus)	01-502-2015	
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	9.76		Usain BOLT	21 AUG 1986	MAL 📾		Bruxelles (Boudewijnstadion)	16 SEP 2011	
	9.76	-0.1	Usain BOLT	21 AUG 1986	MAL 🖎	1	Roma (Stadio Otimpico)	31 MAY 2012	
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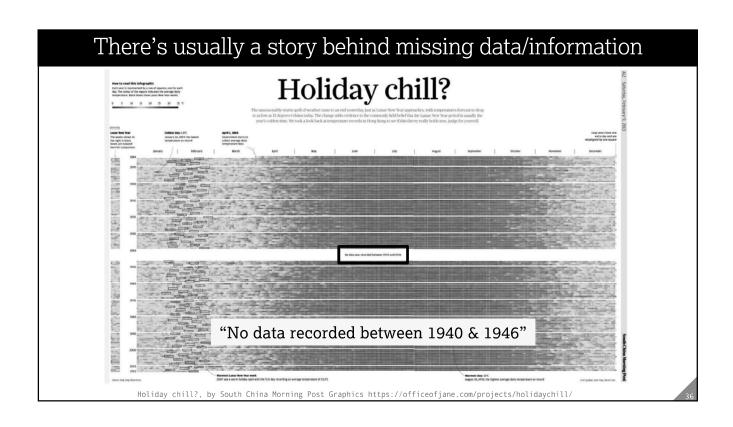


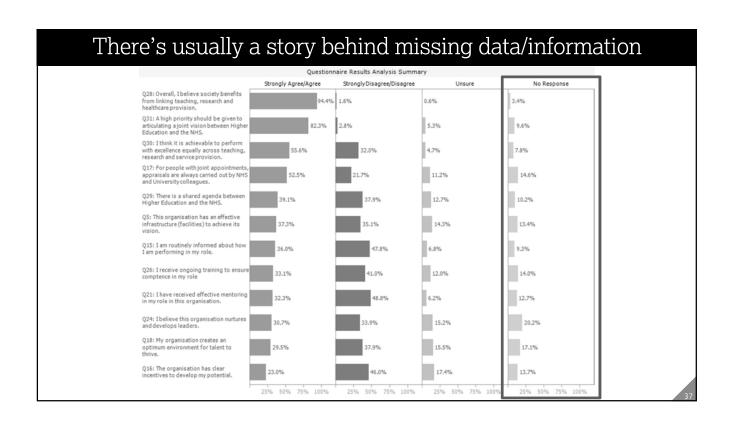
"In the transcript, TIME have redacted everything that is not verifiably true. What remains is everything the president said that is definitely true" We have a led of things. But there's other things you said that haven't panned out. The peg for this story is the wiretapping hearing on Monday, in which IPBI Director James] Comey and INSA Director Mike] Rogers testified about your tweets there.



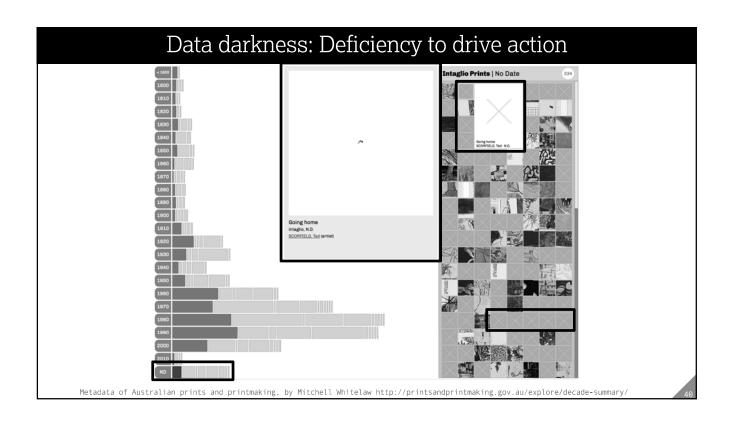


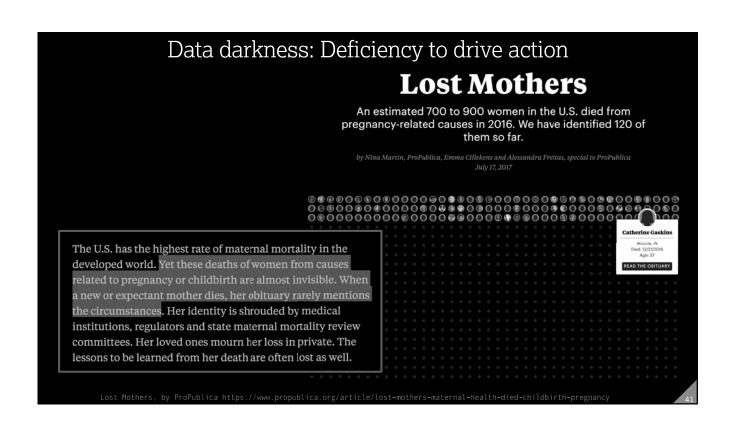






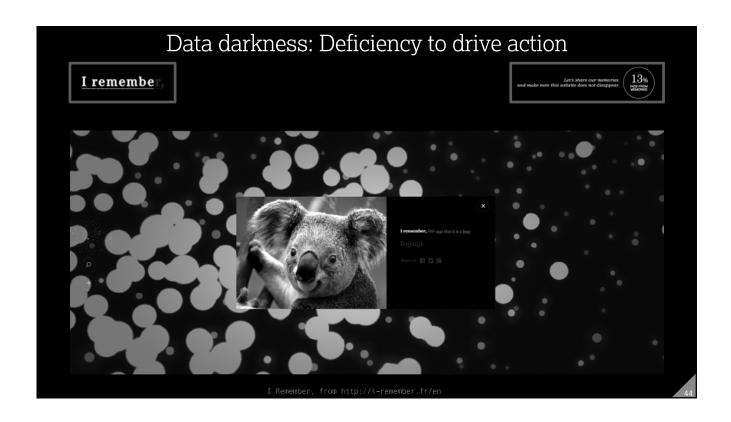












Data darkness: Deficiency to drive action



Image from http://i-remember.fr/en



EMPTY

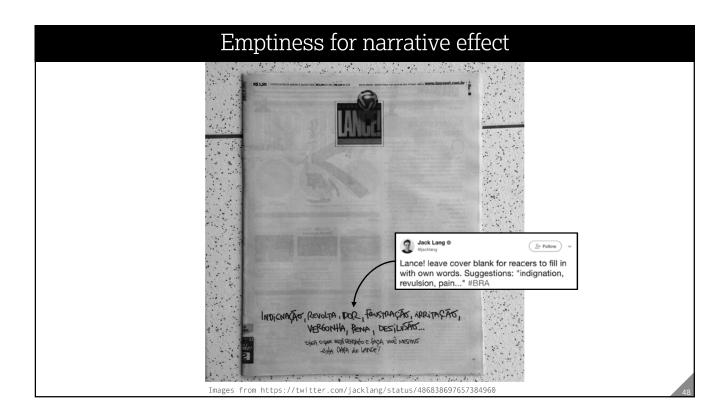
No content: The deliberate *nothing* of emptiness

The deliberate nothing of emptiness

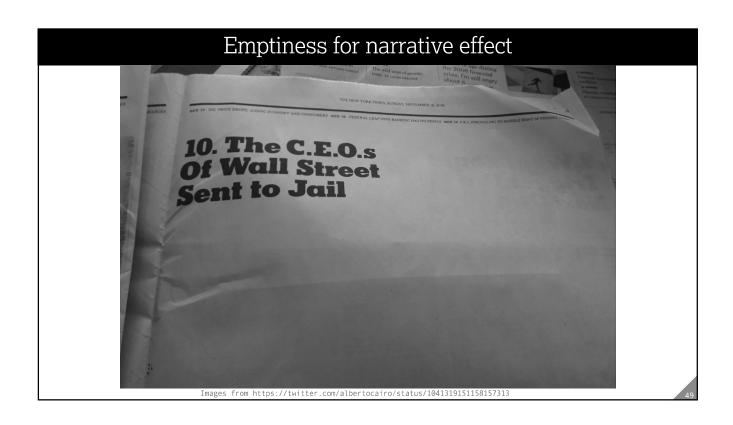
"The single most overlooked element in visual design is **emptiness**... [but] space must look deliberately used."

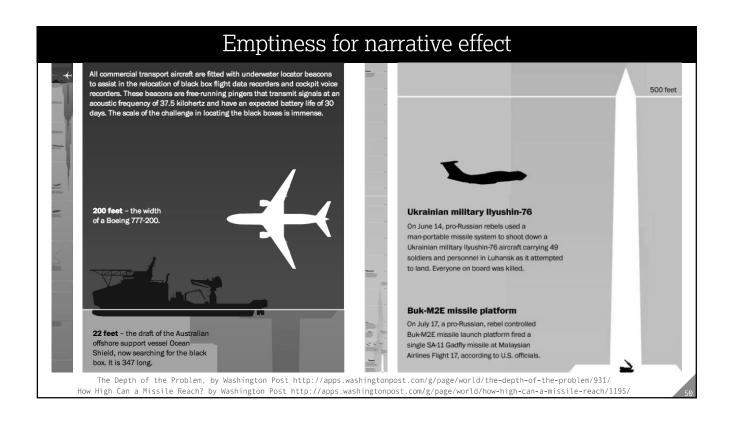
Alex White

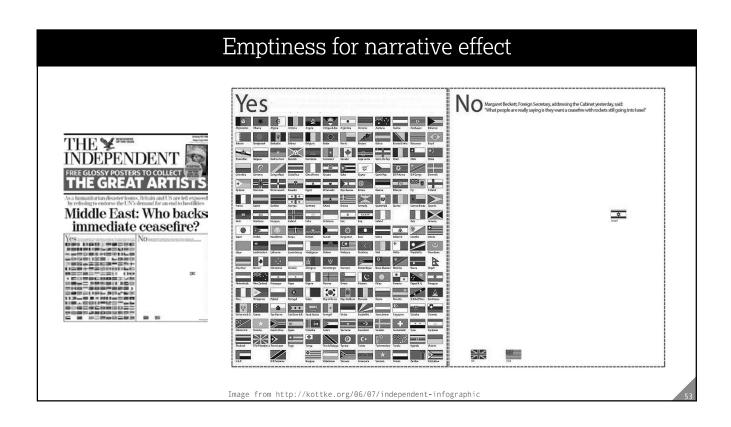
Quote from 'The Elements of Graphic Design'

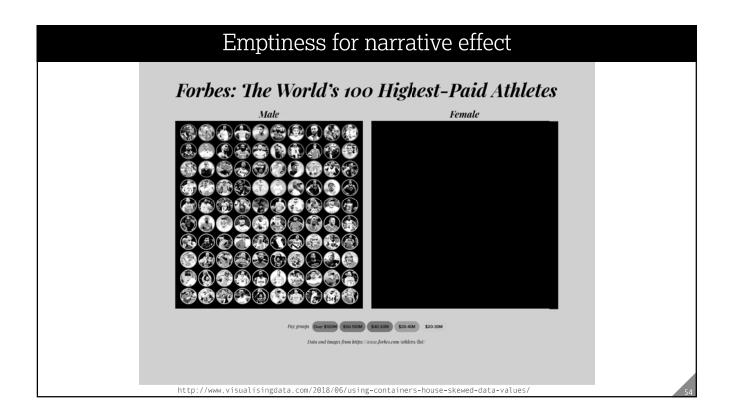


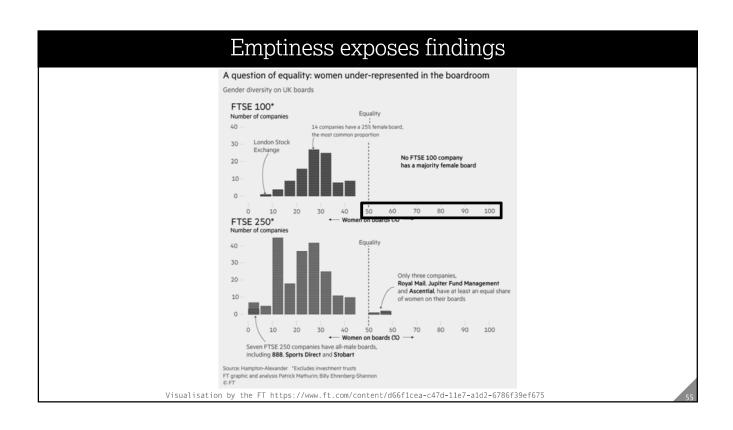
© 2019 Visualising Data Ltd

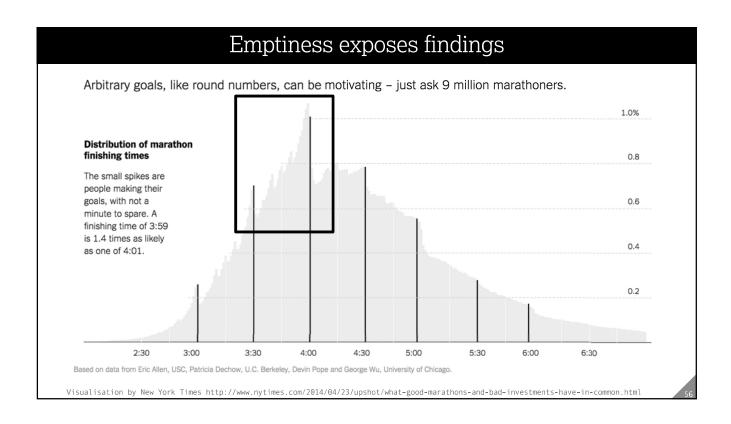


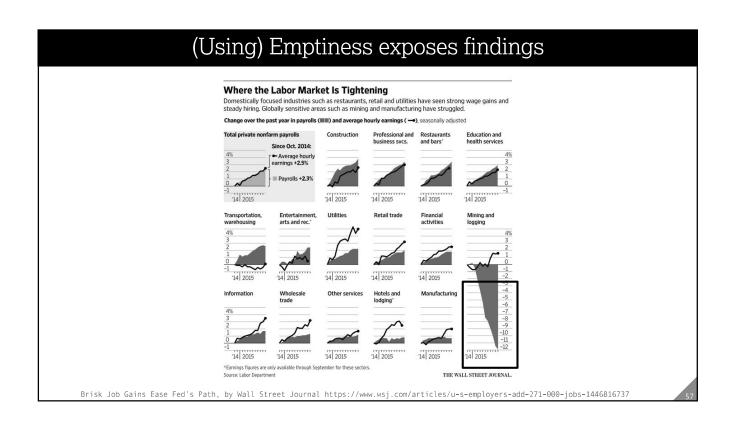


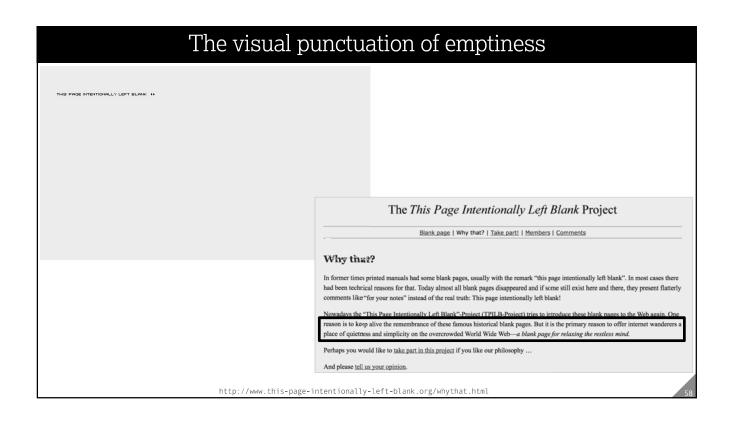


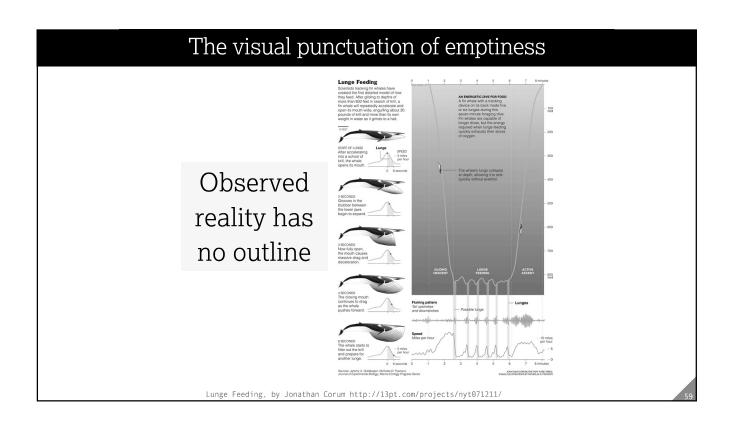














Invisibility of interpreting: Thinking beyond what you see

"For sale: Baby shoes. Never worn."

E. Hemingway

Invisibility of interpreting: Thinking beyond what you see

"Baby shoes for sale, as new, bought in error. They looked bigger on the web."

E. Hemingway

Invisibility of interpreting: Thinking beyond what you see

"For sale: Baby shoes. Never worn. The little bugger is growing too fast."

E. Hemingway

Invisibility of interpreting: Thinking beyond what you see

"Baby shoes for sale, as new, mistaken gift from Karen at work who thinks I'm Ed, but I'm Ernie and I did try tell her."

E. Hemingway

Invisibility of interpreting: Thinking beyond what you see

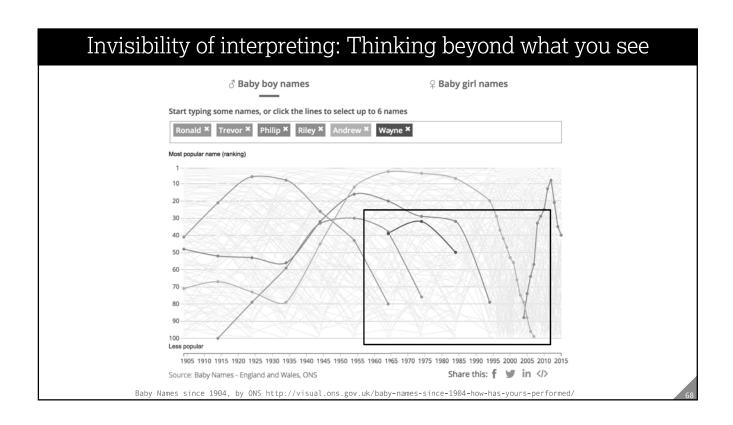
Ridley Scott's Masterpiece 'Alien': Nothing Is as
Terrifying as the Fear of the Unknown

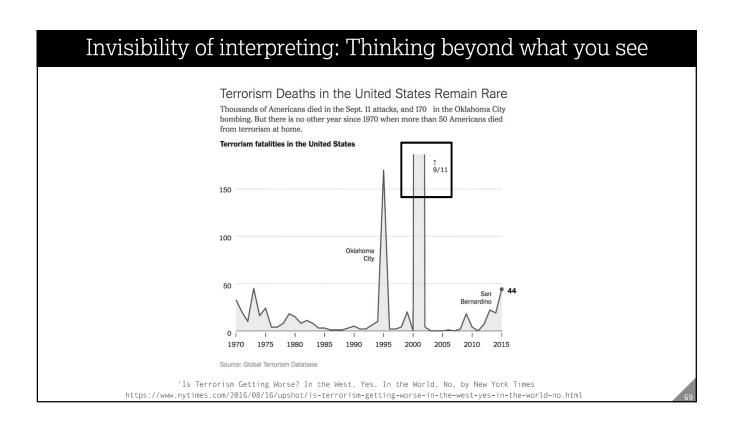


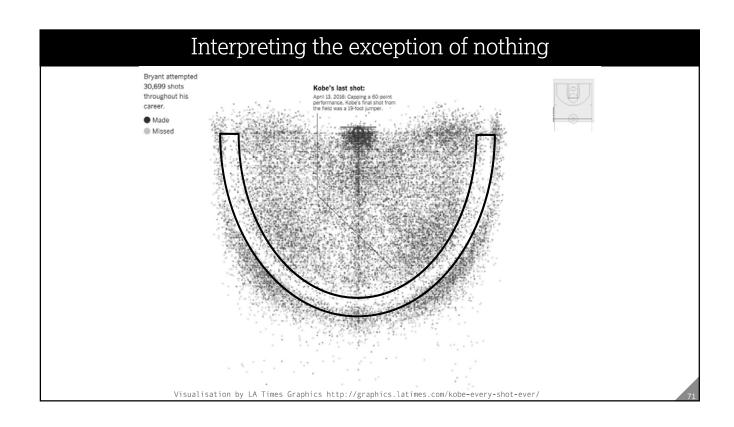
https://cinephiliabeyond.org/ridley-scotts-masterpiece-alien-nothing-terrifying-fear-unknown/

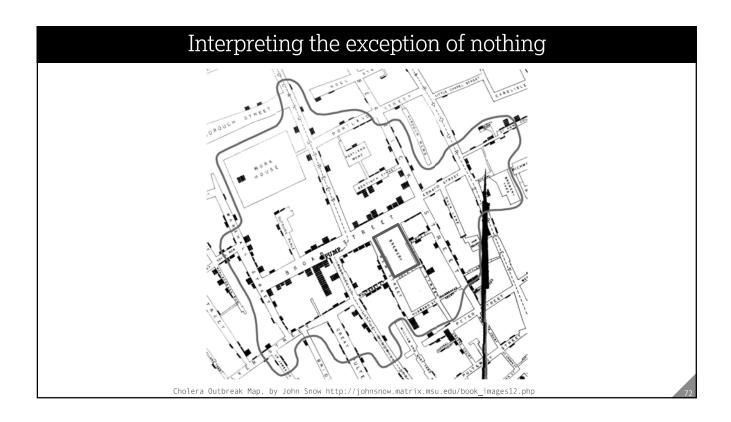
Invisibility of interpreting: Thinking beyond what you see



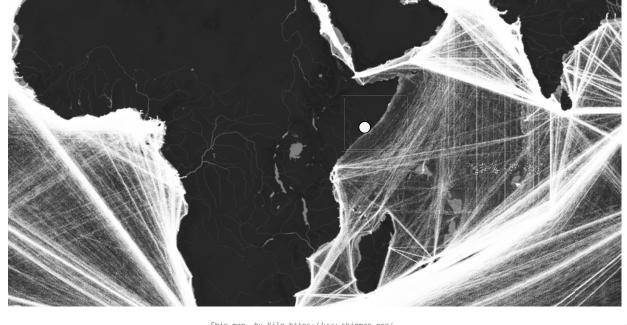






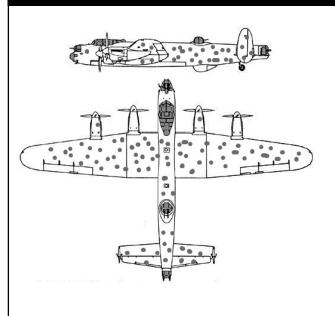


Interpreting the exception of nothing

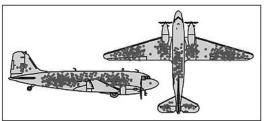


Ship map, by Kiln https://www.shipmap.org/

Interpreting the exception of nothing

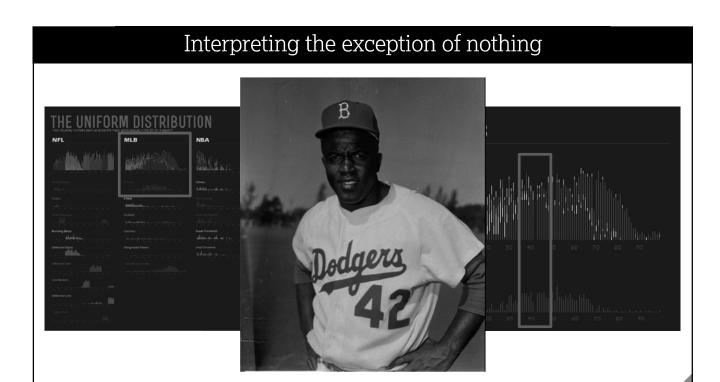


"What you really want to do is armor up the areas that don't have any bullet holes. Why? Because planes with bullet holes in those places never made it back. That's why you don't see any bullet holes on the ones that do return."



Credit: Cameron Moll

Images from https://mauriceabarry.wordpress.com/2014/11/19/the-armour-goes-in-unexpected-places/ & http://www.motherjones.com/kevin-drum/2010/09/counterintuitive-world/



Invisibility of interpreting: Thinking critically

Is It True That Only Six People Died In The Great Fire?

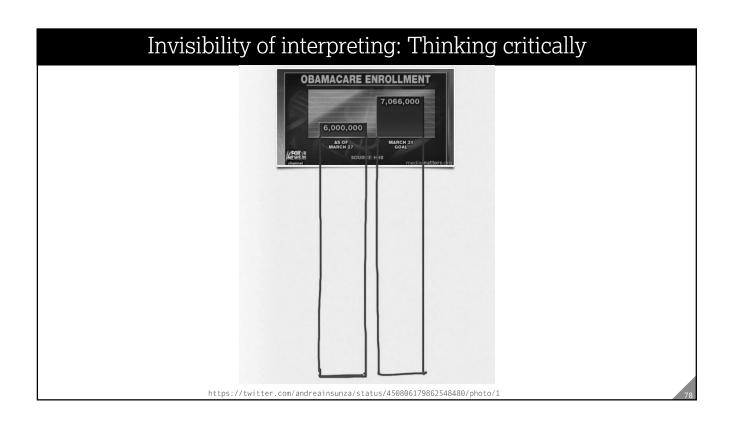
The Uniform Distribution, by Darkhorse Analytics http://darkhorseanalytics.com/blog/the-uniform-distribution/

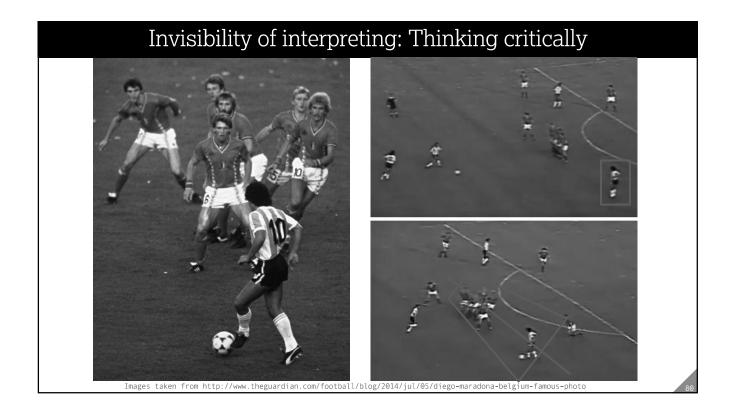
BY NICK YOUNG LAST EDITED 11 MONTHS AGO

For a fire that destroyed some four-fifths of London — including 89 churches, four of the City's seven gates, around 13,200 houses and St Paul's Cathedral — one remarkable aspect of the Great Fire of 1666 is the death toll.

According to the official records, just six people died in the disaster. "Merciless to the wealth and estates of the citizens, it was harmless to their lives," according to the inscription on the Monument.

https://londonist.com/2016/08/is-it-true-that-only-six-people-died-in-the-great-fire





Invisibility of interpreting: Thinking critically



Invisibility of interpreting: Thinking critically

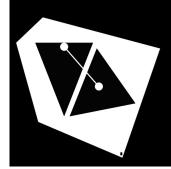




Photos from https://twitter.com/mikofLohr/status/1071867429205229570

There is always something in nothing.

The Design of Nothing by Andy Kirk



andy@visualisingdata.com www.visualisingdata.com @visualisingdata

