wbs

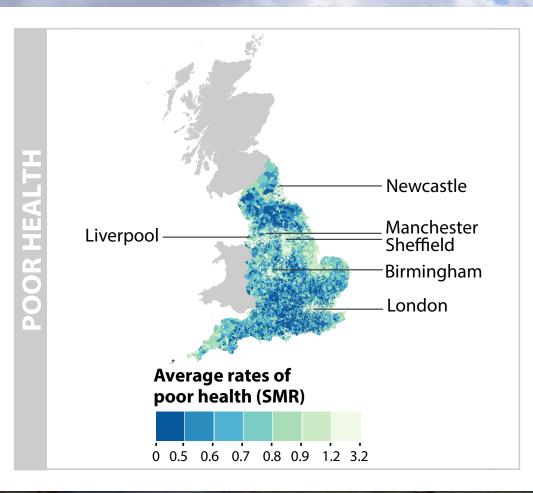
Quantifying human behaviour with online data

Suzy Moat and Tobias Preis Data Science Lab, Warwick Business School @suzymoat | @t_preis | @thedatascilab

The Alan Turing Institute

Photo: Tom Richardson (Geograph)





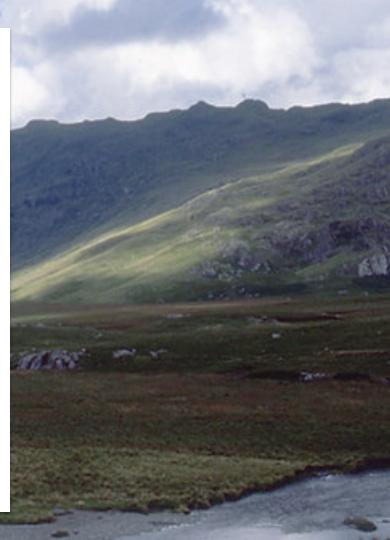
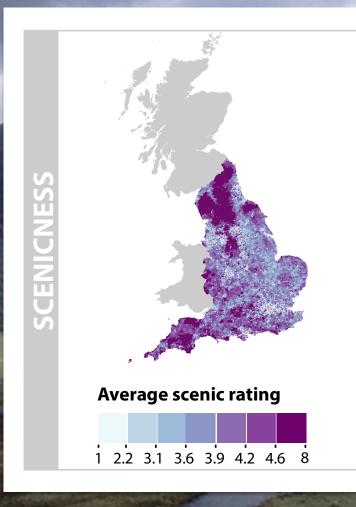
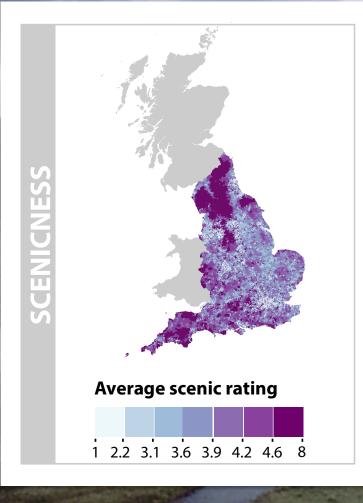




Photo by David Wild (Licence)

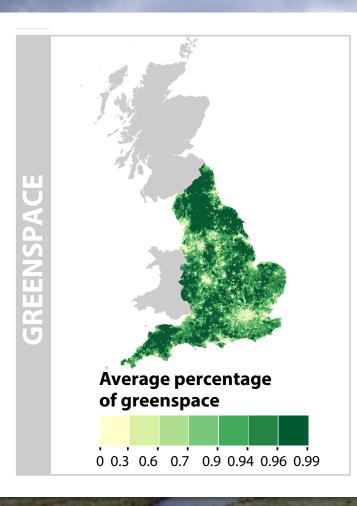




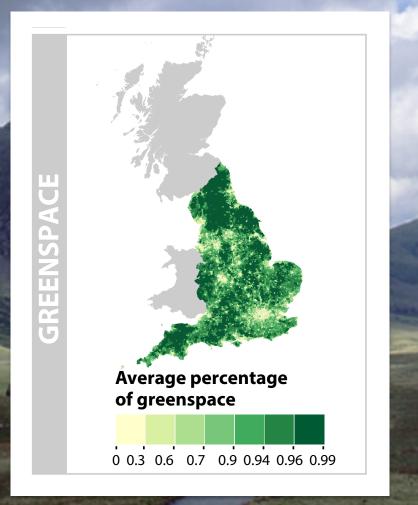


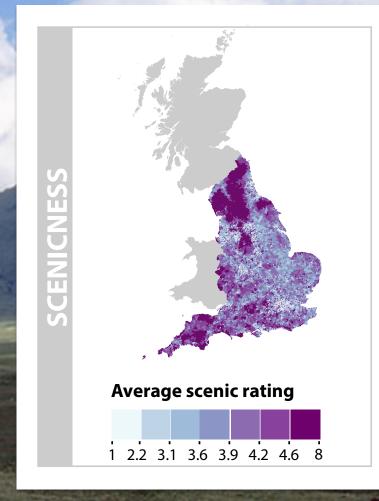
People who live in more scenic locations report better health

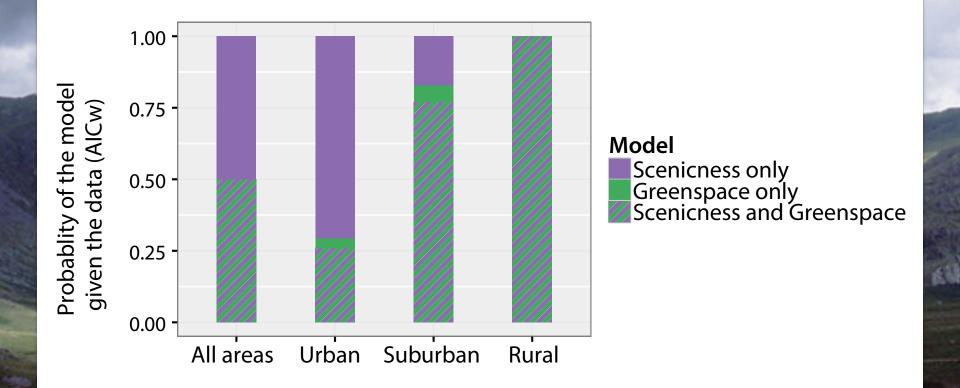














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••••• EE WiFiCa	⊪ হ 16:44 Feelings	∦ 75%
Do you fee	el ?	
Not at all		Extremely
	Relaxed	Esternalia
Not at all		Extremely
Not at all	Awake	Extremely
Next		>

George MacKerron's Mappiness mappiness.org.uk



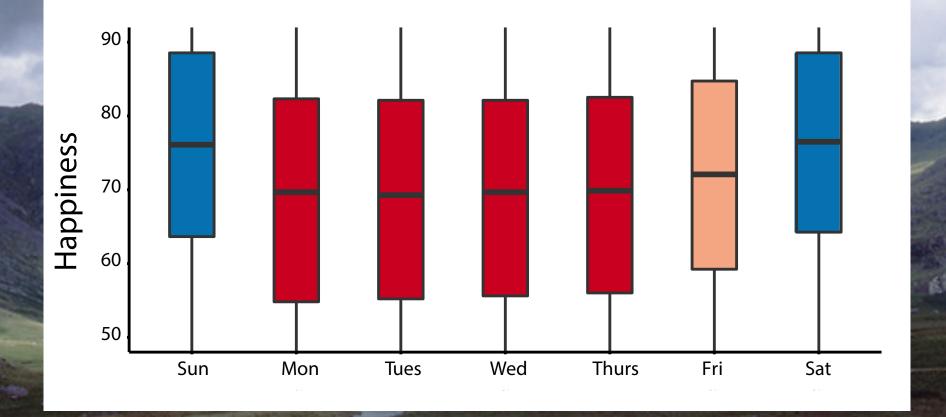
George MacKerron's Mappiness

mappiness.org.uk

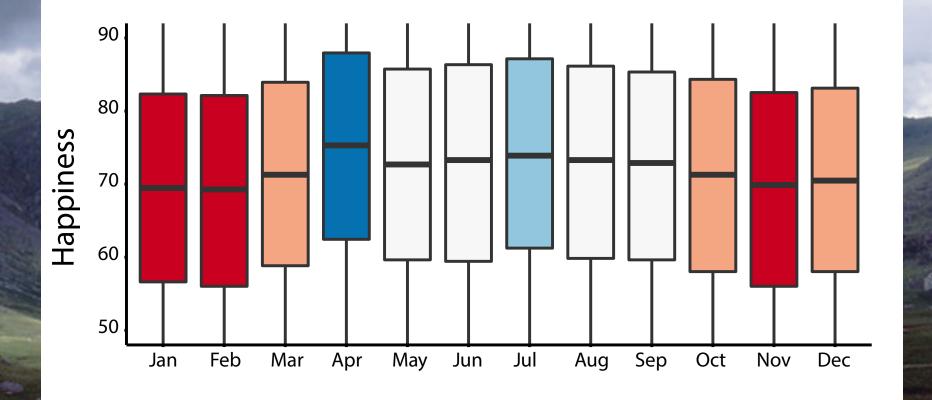


George MacKerron's Mappiness

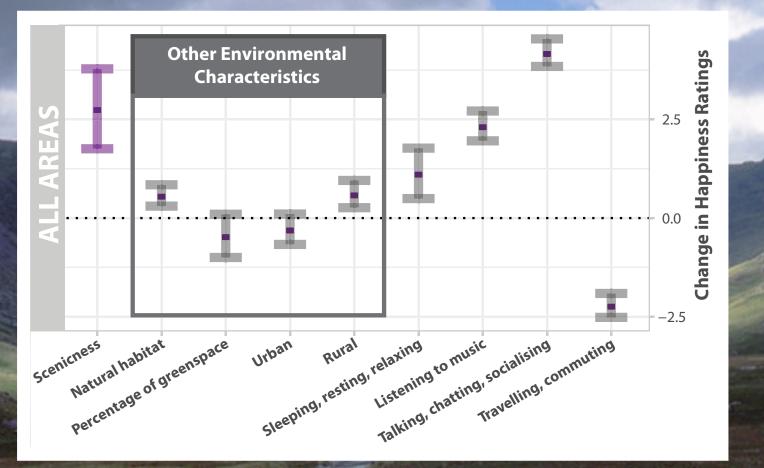
mappiness.org.uk



Seresinhe, Preis, MacKerron & Moat (2019)



Seresinhe, Preis, MacKerron & Moat (2019)



Seresinhe, Preis, MacKerron & Moat (2019)





Places365 Categories 0.293 Valley 0.203 Lake Natural 0.128 Mountain

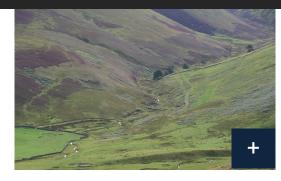
SUN Scene Attributes 0.856 Natural Light 0.081 Open Area 0.058 Sailing / Boating







Valley

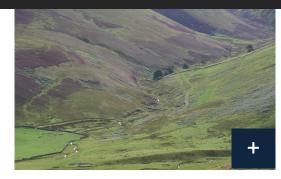




Industrial area



Valley





Industrial area



Valley





Hospital





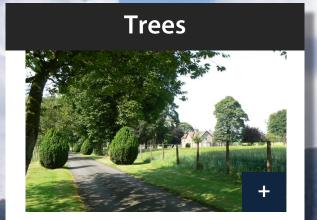
Viaduct





Viaduct









Viaduct





Grass



Evaluating beauty with AI

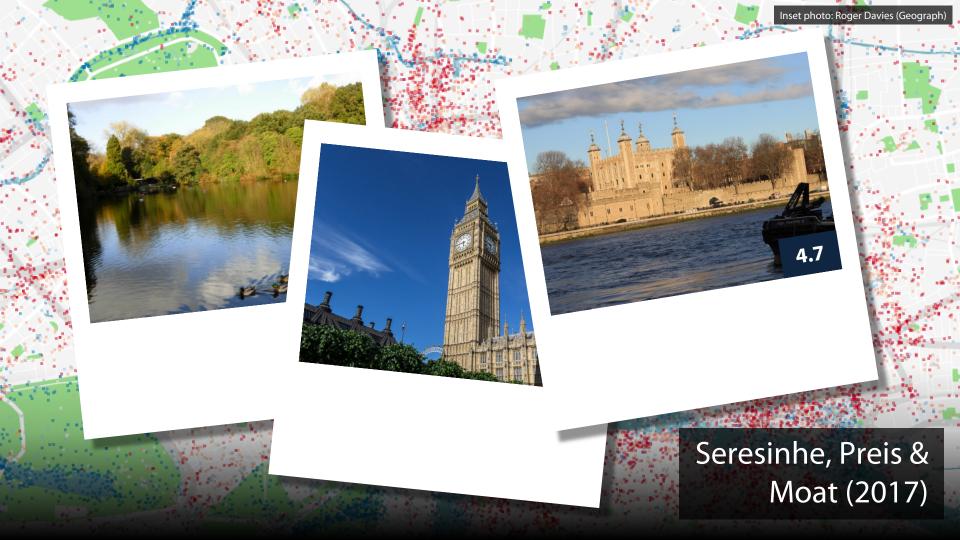




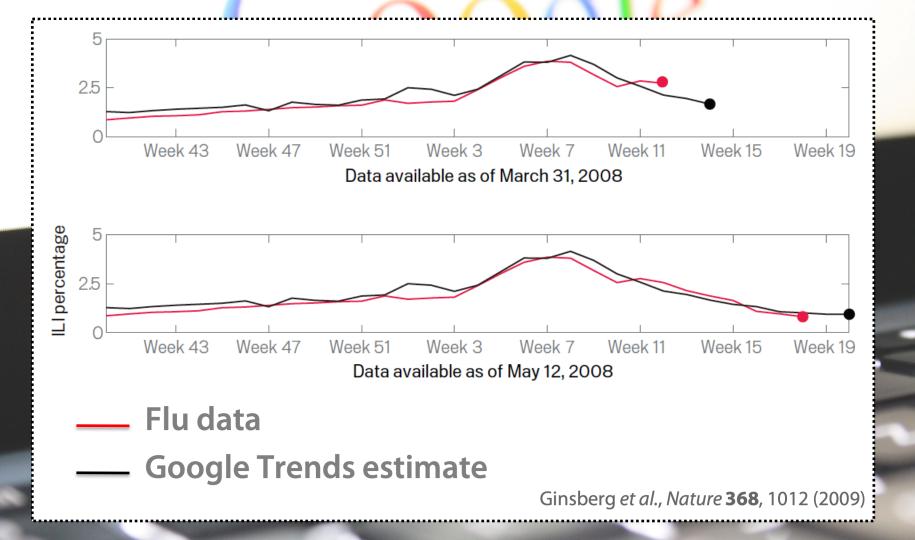


Seresinhe, Preis & Moat (2017)

Inset photo: Christine Matthews (Geograph)

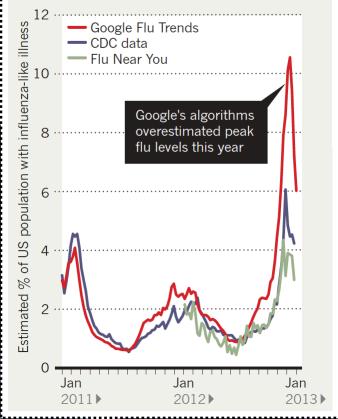






FEVER PEAKS

A comparison of three different methods of measuring the proportion of the US population with an influenza-like illness.



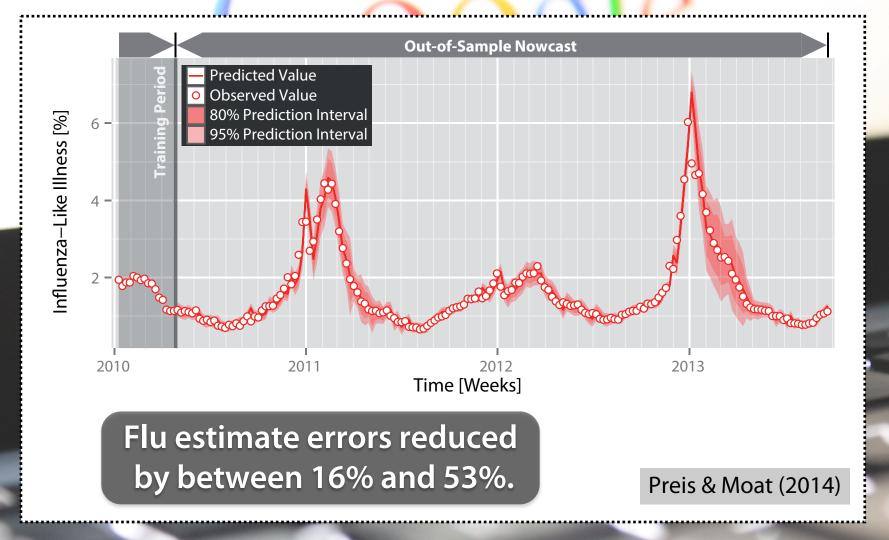
EPIDEMIOLOGY

When Google got flu wrong

US outbreak foxes a leading web-based method for tracking seasonal flu.

"The press reports may have triggered many flu-related searches by people who were not ill."

Butler, *Nature* **494**, 155 (2013)













Engineering and Physical Sciences Research Council



