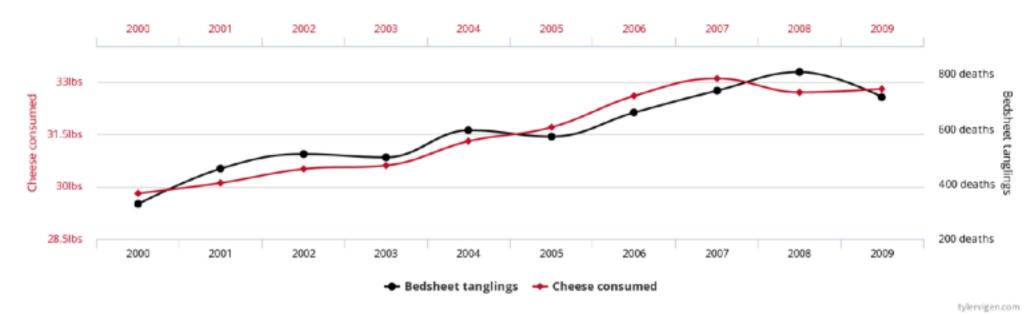


# Per capita cheese consumption correlates with

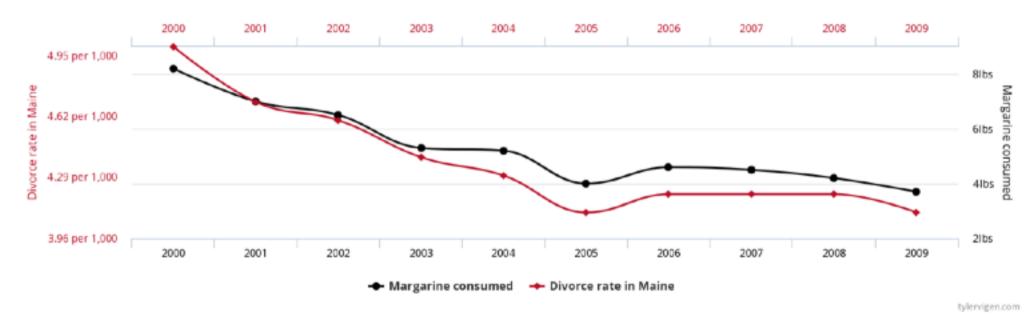
### Number of people who died by becoming tangled in their bedsheets



#### Divorce rate in Maine

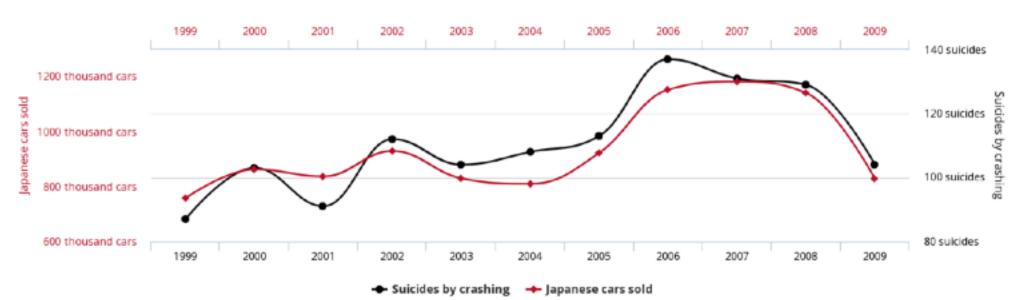
correlates with

#### Per capita consumption of margarine



# Japanese passenger cars sold in the US correlates with

### Suicides by crashing of motor vehicle







## **MARAGRINE ADS AREN'T TRUE**

14:14 KEEP YOUR FAMILY TOGETHER, AVOID MARGARINE IN YOUR BREAKFAST.







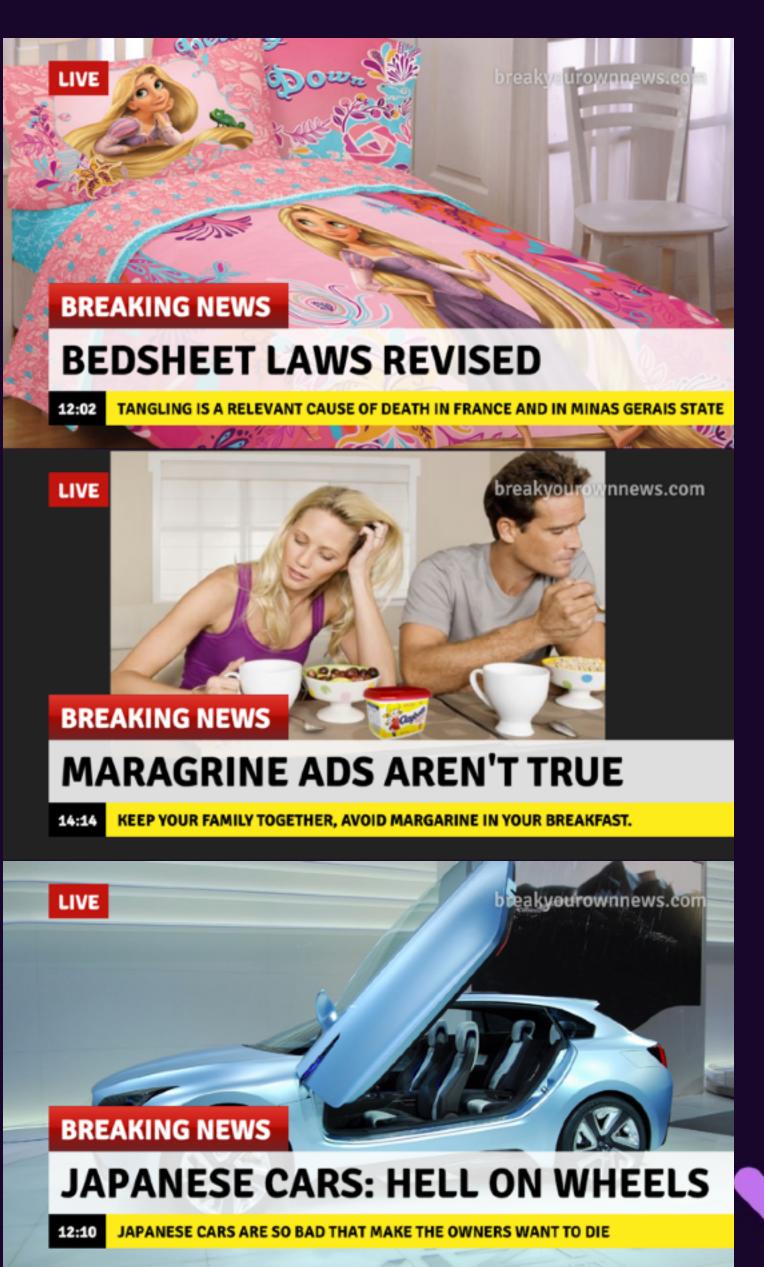


# As correlações

**>>>** 

- Muito usadas para
- Muitas vezes a
- Armadilha do "E
  - Correlações e





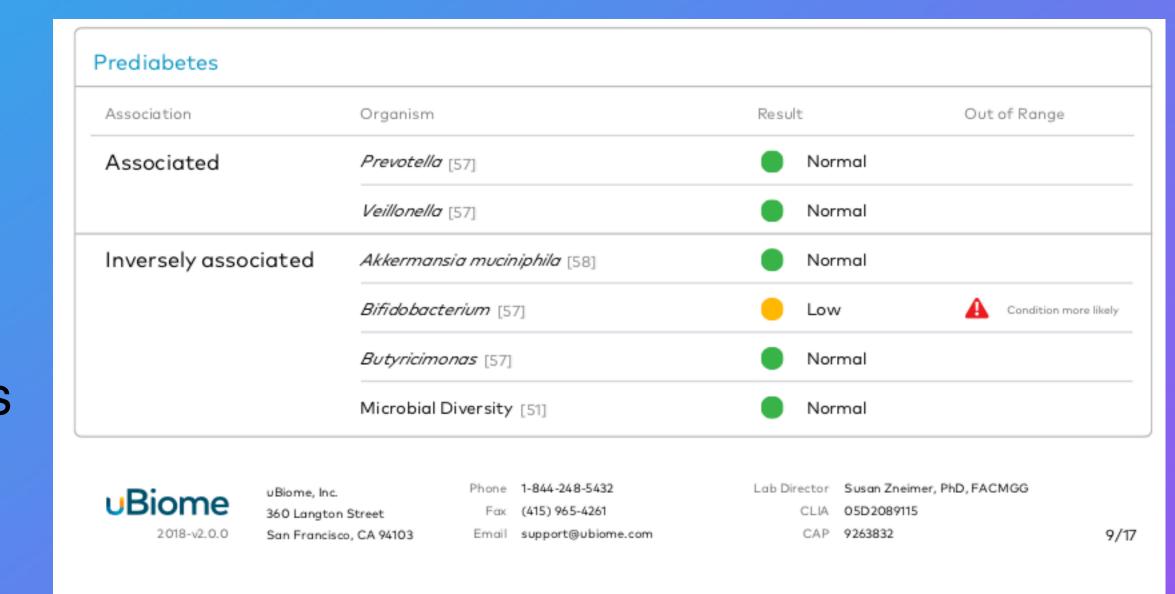




- Efeito JARK
  - Justify After Results are Known
  - Você vai achar referências que suportem seus erros
     Too many journals? Towards a theory of repeated rejections and ultimate acceptance

Jan Oosterhaven

- Muitos artigos de microbiomas não podem ser reproduzidos
  - Clustering method
  - Classification method
  - Assembly method



SmartGut™ Report

Patient Sam Sample
DOB N/A

### Metabolic disorders (continued)

Type 2 Diabetes					
Association	Organism	Result	Out of Range		
Associated	Akkermansia muciniphila [59]	Normal			
	Barnesiella [60]	Normal			
	Collinsella [61]	Normal			
	Prevotella [62,63]	Normal			
Inversely associated	Lactobacillus [64,65]	Low	Condition more likely		
	Roseburia [59,66]	Normal			