

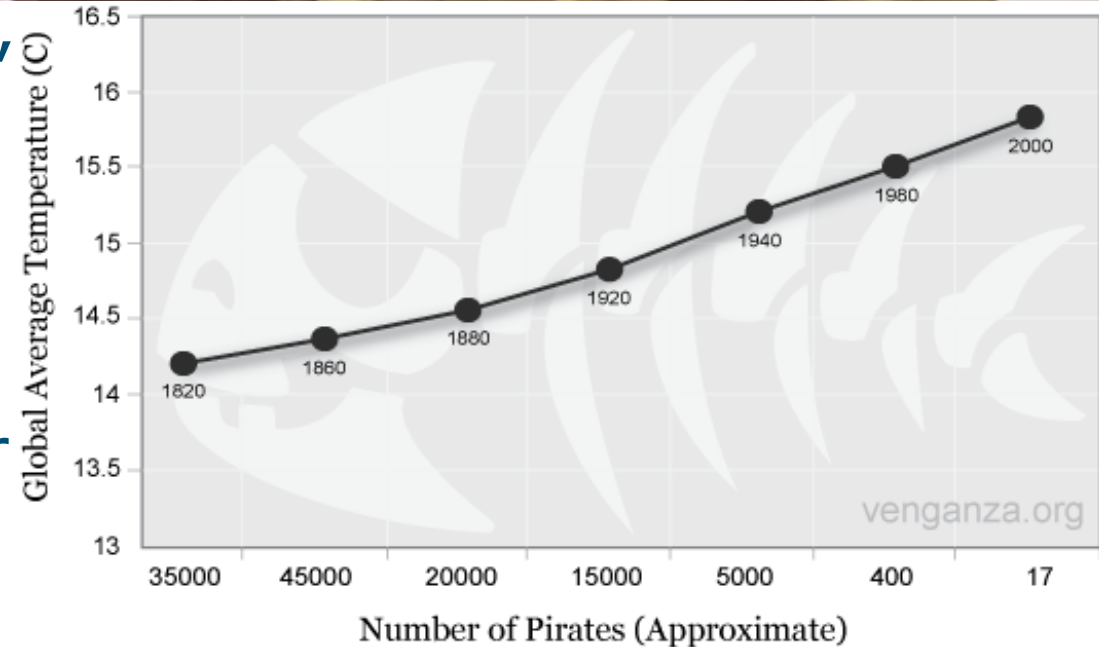
# Are pirates causing global warming?

Causality and data-handling in a SCALE-UP environment



# Church of the Flying Spaghetti Monster

"...global warming, earthquakes, hurricanes, and other natural disasters are a direct effect of the shrinking numbers of Pirates since the 1800s... I have included a graph of the approximate number of pirates versus the average global temperature over the last 200 years. As you can see, there is a **statistically significant inverse relationship** between pirates and global temperature."



<http://www.venganza.org/about/open-letter/>

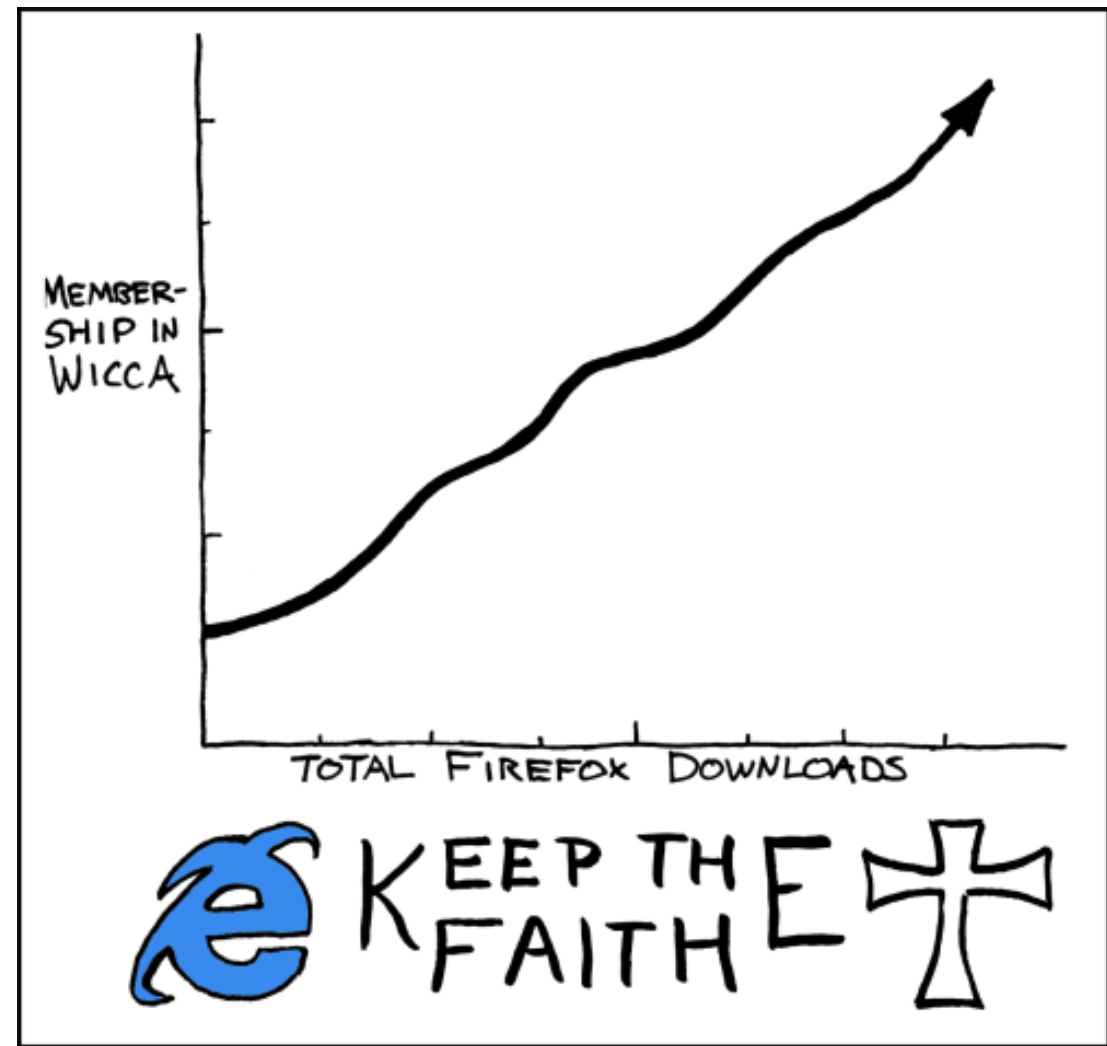


**Wicca** is a modern witchcraft religion whose membership has increased recently

**Firefox** is a free, open-source internet browser, downloads of which have also increased recently.

...draw your own conclusions!

Vote Microsoft

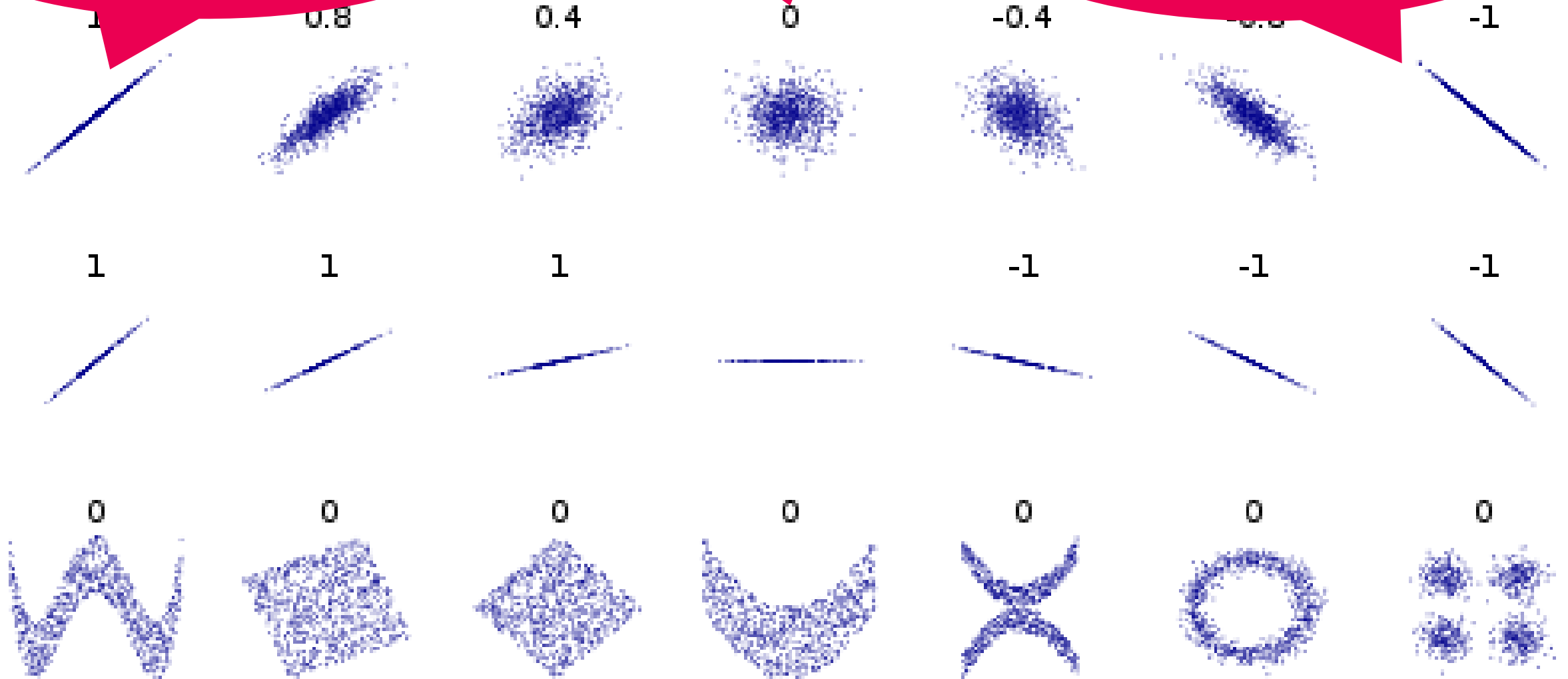


[xkcd.com/111/](http://xkcd.com/111/)

Strong positive correlation

No correlation

Strong negative correlation



the **correlation coefficient** has a value between +1 and -1

# In your teams of 3, your TASK...

- Use the website **spurious correlations** to find your own positive and negative correlations

<http://www.tylervigen.com/discover>

- Post your correlations on Padlet...with an explanation

