

Evaluating data visualizations assignment
Data Science for Biologists, Spring 2020
Due Monday 2/3/20

Instructions:

Find *two* data visualizations from ~the vast internet~, including media or news sources, the scientific literature, etc. The goal is to find *one* figure that trends more towards "good visualization" and *one* figure that trends more towards "bad visualization." These should be figures that you did *not* make, but you are welcome to add a third visualization that is yours to critique as well.

To motivate your figure search, you should watch all of Lecture 6 from Calling Bullshit first: <https://callingbullshit.org/videos.html> (about an hour total, 6 parts - the videos should autoplay from the first part). You do *not* need to specifically find "bad" figures that are ducks or glass slippers (to understand these terms, watch the videos!), but this is one option.

What to submit:

1. *On Blackboard by 11:30 am Monday 2/3/20*, submit a single document (Word, PDF, etc.) containing both your figures, and their sources (URL is fine). For each figure, write 2-4 sentences about what you think they did well/poorly. Note: your "good" figure does not have to be 100% good, and your "bad" figure does not have to be 100% bad - some nuance in the discussion is ok, in fact encouraged!
2. *For class on Monday 2/3/20*, bring a printed **color version** of each figure for group discussion.

Suggestions for where to find "bad" figures:

- <https://www.reddit.com/r/dataisugly/>
- <https://flowingdata.com/category/visualization/ugly-visualization/>