Assignment 1

tba

April 28, 2020

1   WHAT?

Critique and re-design of an existing graphic

2   WHY?

To deal with a given static graphic, to identify deficiencies of the visual representation, and to find a more suitable way to present the data at hand.

3   HOW?

1. Each group is given an individual graphic to critique and re-design.

2. In a first step you should argue why the given presentation is not appropriate to represent the data in an efficient way. Please argue about the deficiencies of the graphic with respect to the design principles we covered in the lecture (Data-Ink-Ratio, Visual Clutter, ...). Hand in a short text about your argumentation.

3. In a second step you should re-design the graphic (i.e., find a better suited visual representation for the data at hand). Numerical values that cannot be read from the original graphic should be estimated. You can use any tool to create the re-designed graphic (or scan hand-drawn designs), you may find tools like Tableau, or programming libraries like D3 are useful in this context (the use of one of these tools is not mandatory, however). Hand in the re-designed graphic. If numbers cannot be derived from the given graphic they should be estimated If the original graphic contains more than 4 charts, choose 3-4 of these charts and relate them in your re-design, if applicable

4. In a third step you should argue why you chose to represent the data that way. What did you change? Why is this representation better suited than the original one? Hand in a short text about your argumentation.

5. Your submission should not exceed 5 pages in length.