

Alignment or lack thereof in Charts and it's Impact

You, Me

1 Introduction

Within the chart, alignment is used to equate datapoints which have equivalent values on explicit dimensions. But when we think of visualization in general, things we might not think of as datapoints still should be aligned.

- to facilitate consumption
- to ease the cognitive burden
- to allow people to interpret them as related

2 One-sentence description

3 Project Type

4 Audience

Who is the audience for this project? How does it meet their needs? What happens if their needs remain unmet?

5 Approach

5.1 Details

What is your approach?

5.2 Evidence for Success

Why do you think it will work?

6 Best-case Impact Statement

In the best-case scenario, what would be the impact statement (conclusion statement) for this project? [2, 1]

7 Major Milestones

8 Obstacles

8.1 Major obstacles

8.2 Minor obstacles

9 Resources Needed

What additional resources do you need to complete this project?

10 5 Related Publications

List 5 major publications that are most relevant to this project, and how they are related (sample citation [2]).

11 Define Success

What is the minimum amount of work necessary for this work be publishable?

References

- [1] W. A. Pike, J. Stasko, R. Chang, and T. A. O'Connell. The science of interaction. *Information Visualization*, 8(4):263–274, 2009.
- [2] J. van Wijk. The value of visualization. *IEEE Visualization*, pages 79–86, 2005.