

Review Document

Code Review

November 3, 2019

1. Roles

Moderator: Anurag

Reviewers: Anurag, Mesa, Camille

Reviewees: Braunson

2. Objective

A Review of the code written by Braunson for the functionality of panning ,zooming and Axis labels. Review was done in person and comments were written by everyone on the pull request which were than discussed.

3. Scoring

Provide a rating from 1 - 5.

1 - Work has room for improvement

3 - Work was done to an acceptable standard

5 - The work went above and beyond expectations

Criteria	Score
Completeness: (completed to the full scope of the requirements)	5
Concise: (the purpose is achieved without undue complication)	5
Structure/organization: (does the work flow/ are components grouped logically?)	5
Documentation (Including author):	4
Modularity	5
Follows code style	5

4. Notes

What was done well?

- Unit testing using a wrapper was an effective use of jest and something that should be strived for in other code.
- Purpose was achieved in a logical, straightforward manner with little complication which made it nice to follow.

Other notes:

- Over all the quality was high, would have preferred more commenting so that a person that has not looked at that file, and has less background in typescript/d3 would be able to follow along.

5. List of Defects

- drawTimeline() is a big method, could be split up? Definitely more inline commenting would be an asset
- Line 280 in timeline: defined as 'any' is there a more explicit type that could be used?
- Timeline class could be getting bloated, is fine for now but will need to keep an eye on it in future deliverables.
- Scope of responsibility for svg and argument 'g' would be a nice-to-have inline comments
- Purpose of growing list of global variables at the top should also be defined
- Line 532 gets into less straightforward code, in-line comments would be an asset.
- The zooming causes unexpected behaviour of scrolling as well. We are aware that this is caused by mimicking the current zooming method however should still be changed.