

RESULTS OF GROUP CRITIQUE

Name of graph author: Alina

The purpose of this graph is:

- Relay info. w/ the use of numbers
- Who survived the titanic based off class + Sex -

Brief description of the graph (use graph grammar):

- Mosaic plot, utilizing the variables of Sex, Survival and Passenger Class, and Alina expressed the desire to relay information w/out the use of #s

The three most important critique points are:

- Labels are jumbled which makes the graph difficult to read.
(class labels are suppose to go underneath) + wanted a legend for gender instead of labels which would clean up graph
- choose not to do ggplot - didn't ^{frequency} table - used table to create mosaic plot
- Scaled info to show the number # of passengers, male or female per class, but alignment of spacing areas could be misleading - ~~area~~ b/t each class is difficult to read

Use of color however clearly indicates male vs female

- ~~but color~~ and darkening the color could have ^{visually} helped indicate class.

Visually showing the survival frequency without numbers is impactful and if the labels were clear would be visually effective in seconds

CRITIQUE NOTES

Name of person being reviewed: Alina

Is this is a self-review? (circle one): yes (no)

Layering and separation. Does the submission effectively use layering and separation to distinguish the data representations from supporting elements of the graph? Is the eye drawn to what matters most?

Graphical perception. Is the typical consumer of the graph able to easily and accurately perceive the data?

Color and aesthetics. Is the use of color (if applicable) effective? Is the graph designed well?

Documentation and presentation. Is the image of high quality and without distortions? Does the image include sufficient documentation? Is everything spelled correctly and grammatically correct?

Notes and Feedback:

- ~~Rebo~~ convey ~~info~~ data w/o numbas.
- Mosaic plot using table
- who survived titanic based on class and sex
- labels - need a legend. to indicate ^{meaning of colors} ~~number~~
- spacing ^{between} ~~in~~ classes could make it easier to read.

Overall effectiveness of this graph (circle one):

1 2 3 4 5 6 7 8 9 10
ineffective

7

8 9 10
extremely effective

CRITIQUE NOTES

Name of person being reviewed:

Aina
Is this is a self-review? (circle one) yes / no

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Notes and Feedback:

- Mosaic Plot
- Labels are not clear, in the wrong place
- Colors need differentiation.
- Add legend to remove labels.
- spacing for 3rd class is largely gapped in comparison to other two classes, should be minimized.
- Labels are distorted

Overall effectiveness of this graph (circle one):

1 2 3 4 5 6 7 8 9 10
ineffective extremely effective

CRITIQUE NOTES

Name of person being reviewed: Anna

Is this a self-review? (circle one): yes ☐ no ☒

Layering and separation. Does the submission effectively use layering and separation to distinguish the data representations from supporting elements of the graph? Is the eye drawn to what matters most?

Graphical perception. Is the typical consumer of the graph able to easily and accurately perceive the data?

Color and aesthetics. Is the use of color (if applicable) effective? Is the graph designed well?

Documentation and presentation. Is the image of high quality and without distortions? Does the image include sufficient documentation? Is everything spelled correctly and grammatically correct?

Notes and Feedback:

Difficult to read given jumbled labels -
even Survival + Deceased hard to follow given
the line b/t moves for each class (in this case down)

good color use

like the idea of mosaic plot - graph however needs
some cleaning up to effectively display
information

Overall effectiveness of this graph (circle one):

1 2 3 4 5 6 7 8 9 10
ineffective extremely effective