RESULTS OF GROUP CRITIQUE   Name of graph author: _____ Jenna _____

The purpose of this graph is:

Analyze survival rate by age and other factors — ticket class & sex

Brief description of the graph (use graph grammar):

Aggregate of survival rate by age was used to plot points, then a line of best fit was added to the four scatterplots.

The three most important critique points are:

- graphs would be more appealing if all in a row or all in a column

- line of best fit stands out most of all

- data could be misleading since all passengers w/the same age are aggregated into one point

CRITIQUE NOTES   Name of person being reviewed: _Jenna Engebretson_

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?

<u>Notes and Feedback:</u>

~ *graphs per person*

- data aggregated into a single point could be misleading (many occurences into one point, or a single occurrence into one point)
  ↳ line of best fit built on these points

- last graph has too much negative space on the y-axis

- graphs are somewhat repetitive, and by the end of them it is very busy

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: __Jenna__

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?

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<u>Notes and Feedback:</u>

- The graphs use layering and separation to show and differentiate the different variables being explained. My eye is drawn to the best fit line that shows the average of the observations.

- The graph is labeled very well, so someone should be able to understand what is going on in the graph

- The colors allow you to differentiate between the variables and were nicely chosen

- All graphs are documented very well and are grammatically correct

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: _Jenna Engebretson_

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?

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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?

<u>Notes and Feedback</u>:

- hard to read the graph labels — increase the font

- could be affected by by outliers/ lack of data points

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: _Jenna Engebretson_

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?

<u>Notes and Feedback:</u>

- layout
  scale — the actual graphs are a little hard to read. ~~process~~
- would be good to use more unique colors for the lines for comparison.
- Title took up a big part of the space + didn't provide a lot of direction vs. the space for the graphs.
- ~~The use three~~ All 4 graphs share Axis ... so perhaps layout could save the viewer some time understanding the differences between the graphs.

Overall effectiveness of this graph (circle one):

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