

## RESULTS OF GROUP CRITIQUE

Name of graph author: Rachel

The purpose of this graph is:

Mosaic / show which category ppl most likely to survive. / by comparison of the area of gender color in each Vi.

Brief description of the graph (use graph grammar):

Mosaic (Function) Survival Distribution by Gender in

Passenger Class.

The three most important critique points are:

- ① which shade of color represents what class.  
Lack of explanation. But the colors are contrast with each other. The overall visualization
- ② Font size of each factors (gender, pclass)

- ③ Legend is disappearing

**CRITIQUE NOTES**

Name of person being reviewed: Rachel

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

Rachel.

**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: Survival Distribution in gender by p class.  
Colors: contrast each other well.

Shades represents different class.

**Overall effectiveness of this graph (circle one):**

**1**      **2**  
ineffective

8 9 10  
extremely effective

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### Notes and Feedback:

Layering - accurately & clearly labeled if slightly small proportionally. Could use a legend

Perception - The mosaic layout requires a good deal of thought and relies heavily on area perception, which can be a challenge

color - Colors is better interpreted as a fraction. Colorings seemed to be more appropriate to scale

Presentation - very clean

Perception - when you sit with it, mosaic can reveal mult. dimensions

Overall effectiveness of this graph (circle one):

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

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### Notes and Feedback:

I used vcd to create a mosaic plot  
b/c I thought this would be the best  
representation of categorical data.  
There are certain elements that would  
have strengthened by visualization (Adding  
Pclass labels to right hand side or legend)  
but was limited w/ vcd. Overall I'm happy  
b/c it looks like my sketch

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