

# The Imposter Among Us

Dakotta Wheeler

Newcastle High School

Newcastle , Wyoming, United States

# Introduction

Explain what is known or has already been done in your research area. Include a brief review of relevant literature. If this is a continuation project, a brief summary of your prior research is appropriate here. Be sure to distinguish your previous work from this year's project.

- Color = Feelings
- Blue = Calm
- Red = Warning
- Green = Kind



# Problem/Question

Does color affect how suspicious you are in the game Among Us?

# Hypothesis/Proposed Solution

Red will get killed and voted out the most because it is a hostile color and blue will get voted out the least because blue is seen as a calming color.

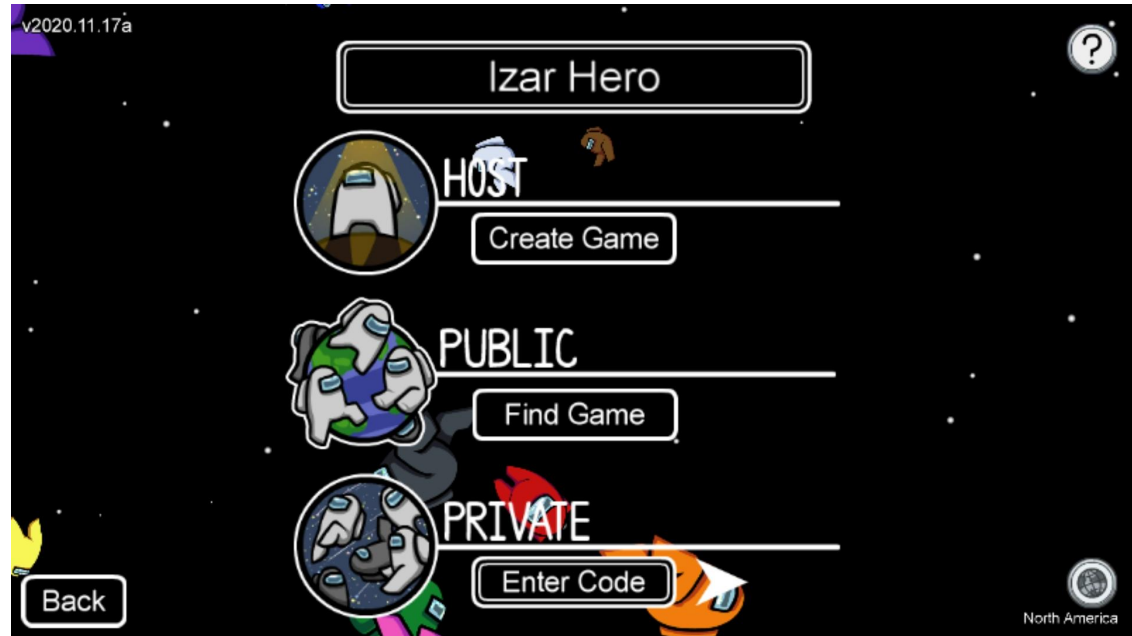
# Methodology & Procedures

What did you do? What data did you collect and how did you collect that data?  
Discuss your control group and the variables you tested.

- DO NOT include a list of materials.
  - Among us
  - X and I in table

# Methodology & Procedures continued

- Color changing
- Fast Elimination





# Interpretation of Results & Discussion

What do these results mean? Compare your results with theories, published data, commonly held beliefs, and expected results.

Discuss possible errors. Did any questions or problems arise that you were not expecting? How did the data vary between repeated observations of similar events? How were results affected by uncontrolled events?

Purple = most (L)

White = Least (E)

Cyan and Black = most (E)

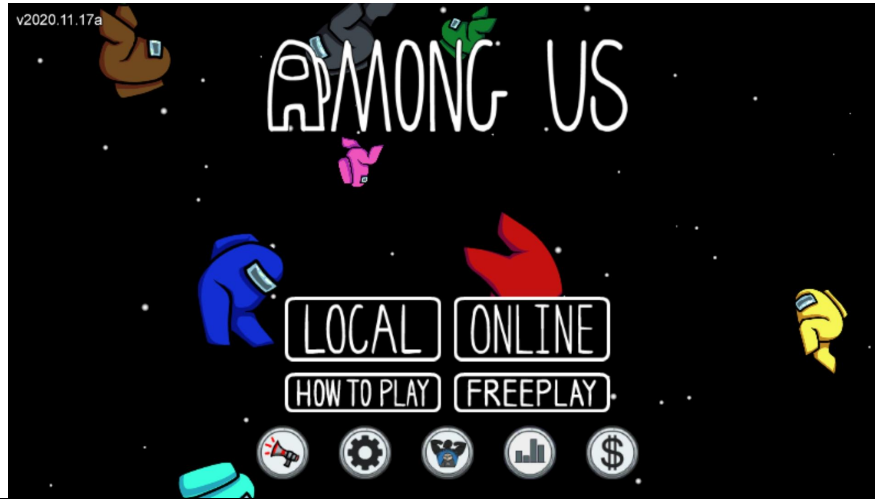
Lime = Least (L)

# Conclusion

What do these results mean in the context of the literature review and other work being done in your research area? How do the results address your research question? Do your results support your hypothesis?

Support Color Bias

Color more than others





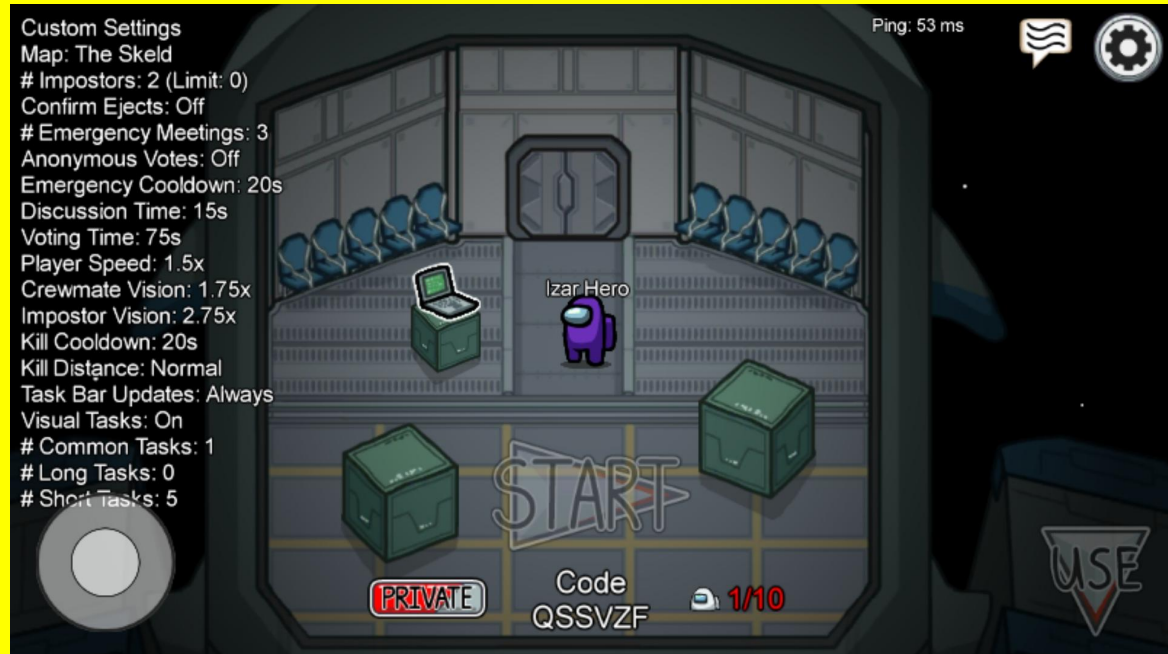
# Applications & Implications

What application(s) do you see for your work?

Some colors = inviting

Work

Games



# References

Patrick, M. [ The Game Theorists ]. (2018, April 14).Game theory: does fortnite make you violent? (fortnite battle royale) [Video].Youtube. <https://youtu.be/rgV5OX9sKao>

Bailey, R. ( 2019). How colors affect human behavior. Retrieved from <https://www.thoughtco.com/color-psychology-and-human-behavior-4151666>

Cherry, K. (2020). Color psychology: does it affect how you feel? Retrieved from <https://www.verywellmind.com/color-psychology-2795824>

Picture Source : Dakotta Wheeler