

## CMSC634 PEER REVIEW – VISUAL ENCODING

The presentation was well-done overall – hard to find things to be critical about. The topic is interesting, and the motivation is present. Your “Progress so far” and “Planned Analysis” slides were gorgeous. I applaud you all for creating classical hypotheses measures in absence of good literature.

Be careful with wording “Exploratory Data Analysis” – it somewhat indicates no statistic plan before data collection, which could indicate p-hacking. Probably you can get away with just running Wilcoxon, since, almost certainly, you will have a small sample size. If your sample size were larger, for sure look at normality.

Also, some explanation of how you will compute accuracy might be good. It is somewhat unclear to me what “judging the relative percentage ratios with respect to the largest segment” means. I could just have brain damage, though.

How many MTurk workers do you intend to run the survey with? What is your goal population size, expected survey length, and budget?