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Professor Introne

IST 421

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Notes on Progress Report

I received a lot of great feedback on my progress report, but especially on my proposed poster. Evan and Jordan did like the various graphs that I had, and especially the one with the driver performance differential. I think it adds another great dimension to the story. Additionally, they were big fans of the heatmap over the faceted graph (I showed them both), so it is definitely a keeper for my poster.

However, I did hear some great points being made about what my rough draft was. One of the first things that was commented about was the graph that I have with all the jittered points comparing fastest lap speed to the finishing position. This was the one that I used to demonstrate the animation using gganimate, which helped to distinguish the points, but altogether on one plot it can be hard to make out. They suggested splitting it into two plots, which I think definitely makes sense, so the visual comparison can be easier to make. This also aligns with other criticism I received, which was I had too many bar graphs, and that I should mix it up a little bit. Exchanging one of the many bar plots for a second scatterplot will increase the visual appeal to the poster’s design.

Other feedback I received was more on the minor side, such as aligning all of the plots to the same color scheme. The heatmap is going to govern what my color scheme is, since that is the one continuous scale that I have, so all the other plots will align with it. I am strongly considering using Viridis, but I have not totally ruled out creating my own with Color Brewer. Similarly, it was suggested that I make more white space – I was planning on doing this regardless, but I had just blocked off whole sections in my illustrator mockup just to see where the elements might go. I think all of their feedback was very valuable, and I definitely plan on implementing it all into my poster (in addition to the more “standard” changes of cleaning up graphs, adjusting fonts, labels, etc.).