**Homework Team Orange 2**

**Minutes: September 5, 2019 --3pm**

1. Ranking Odds Ratios (easy to adjust, ask Labarr)
2. Visualizations: Ideas and suggestions?
   1. **COLORS** 
      1. darker blue vs. grey
   2. Table for significant variables (separated by 4 types)
      1. adjust MMCRED to fisher’s EXACT test
      2. adjust the shades of blue to match Tableau
      3. consistent with lighter shades for insignificant variables
   3. Appendix table for all variables (separated by 4 types)
      1. adjust the shades of blue to match Tableau
      2. consistent with lighter shades for insignificant variables
   4. Extra: for interesting findings?
      1. *Comparative horizontal bar chart to show the unbalanced distribution of 0/missing data?*
3. Questions and discussions about our **own parts** during the writing
   1. Executive Summary**: Cathy**
   2. Results**: Price**
   3. Recommendations: **Evan**
   4. Methodologies & Analysis: **Grant**
      1. **add numbers to make it sounds like analysis**
   5. Conclusions**: Sufyan**
4. Review the reports together
   1. **all past tense**
   2. **try to use passive voice “Team Orange 2” most of the time**
   3. **use variable description with italic and proper case: *Money Market Balance***
5. Next Meeting (Friday or Saturday?):
   1. discussion about Time Series HW2

Reference: Report Outline

* + Executive Summary: (**Cathy**)
    - *(Could write it in the end)*
    - Business context
    - briefly mention findings (how many variables)
    - list some important variables maybe
  + Results: (**Price**)
    - significant variables we found
    - **table** of Significance (by p-value)
    - **table** of OR (By magnitude), normalize those less than 1
    - Linearity Assumptions for continuous (var name; description; Y/N)
  + *Concerns* & Recommendations (**Evan**)
    - **Bar chart** for Missing values
    - Redundant variables (correlation)
    - *(Binary)* variables with high odds ratios
  + Methodology & Analysis: how we get this result (eg. Box Tidwell) (**Grant**)
    - Data set
    - “where statement” in linearity assumption testing
    - When GAM did not converge, we go back to Box Tidwell (with some data missing)
      * Give 2,3 examples
    - When MH broke, we use EXACT permutation to compute the significance
  + Conclusion **(Sufyan)**
    - *(Could write it in the end)*
    - data consideration?
  + Appendix: Table for all variables