STAT461 Undergraduate Song Knowledge

Your Name Here

Date

Introduction and Background

Study Design and Methods

Population

Exploration of the Data

Results

Assumptions

Overarching

Post Hoc

Discussion and Limitations

Code Appendix

```r
# Setting Document Options
knitr::opts_chunk$set(
  echo = FALSE,
  warning = FALSE,
  message = FALSE,
  fig.align = "center"
)


# Add additional packages by name to the following list
packages <- c(
  "tidyverse", "knitr", "kableExtra", "hasseDiagram"
  )
lapply(X = packages, FUN = library, character.only = TRUE)

# Loading Helper Files and Setting Global Options
source("https://raw.github.com/neilhatfield/STAT461/master/rScripts/ANOVATools.R")
options("contrasts" = c("contr.sum", "contr.poly"))

songData <- read.csv(
  file = "https://raw.github.com/neilhatfield/STAT461/master/dataFiles/songKnowledge2022.csv",
  header = TRUE,
  sep = ","
)
# Create a Hasse diagram for the study
```