Who Shot First – A Star Wars Exploration

Lucy D’Agostino McGowan

This data was obtained from [FiveThirtyEight’s GitHub](https://github.com/fivethirtyeight/data/tree/master/star-wars-survey). It contains data behind the FiveThiryEight story [America’s Favorite ‘Star Wars’ Movies (And Least Favorite Characters)](https://fivethirtyeight.com/features/americas-favorite-star-wars-movies-and-least-favorite-characters/). It consists of respondents to a Star Wars survey.

library(tidyverse)  
library(gtsummary)  
starwars\_survey <- read\_csv("../data/cleaned-data/data.csv")

## Data Checks

library(pointblank)  
  
expected\_favor\_set <- c("Unfamiliar (N/A)",  
 "Very favorably",  
 "Somewhat favorably",  
 "Neither favorably nor unfavorably (neutral)",   
 "Somewhat unfavorably",  
 "Very unfavorably",  
 NA\_character\_)  
  
starwars\_survey %>%  
 create\_agent(actions = action\_levels(warn\_at = 0.1)) %>%  
 col\_vals\_not\_null("ID") %>%  
 rows\_distinct("ID") %>%  
 col\_is\_character(starts\_with("CAT")) %>%  
 col\_vals\_between(contains("RANK"), 0, 6, na\_pass = TRUE) %>%  
 ## Add check for your 2 category Age variable  
 ## Add check for all Yes/No variables  
 ## Add check for all variables that contain "FAVOR" using the set defined above (expected\_favor\_set)  
 interrogate()

## Table Summary

## Linear Regression