

Who Shot First – A Star Wars Exploration

Lucy D'Agostino McGowan

This data was obtained from [FiveThirtyEight's GitHub](#). It contains data behind the FiveThirtyEight story [America's 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)
  interrogate()
```

Table Summary

Linear Regression