General Linear Model

Your Name1

1 Rutgers University

Author note

Complete departmental affiliations for each author (note the indentation, if you start a new paragraph). Enter author note here.

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Abstract

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*Keywords:* keywords

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# Load libraries

Use this section to load the libraries you will use.

library("papaja")  
library("tidyverse")

# Load data

Use this section to load the data you will use.

# Tidy data

Use this section to tidy your data so that it is in long format.

# Descriptive statistics

Use this section to explore your data (head(), tail(), psych::describe()), and calculate descriptive statistics.

# Fit models

## Fit a null model

## Add a categorical predictor

## Add a continuous covariate

## Include an interaction term

## Test main effects and interaction term

# Results

## Model description

## Interpretation

## About this document

We used the tidyverse (Wickham, 2017) for data manipulation and R (R Core Team, 2017) for all our analyses. This document was prepared in RMarkdown using papaja (Aust & Barth, 2017).

# References

Aust, F., & Barth, M. (2017). *papaja: Create APA manuscripts with R Markdown*. Retrieved from <https://github.com/crsh/papaja>

R Core Team. (2017). *R: A language and environment for statistical computing*. Vienna, Austria: R Foundation for Statistical Computing. Retrieved from <https://www.R-project.org/>

Wickham, H. (2017). *Tidyverse: Easily install and load the ’tidyverse’*. Retrieved from <https://CRAN.R-project.org/package=tidyverse>