

EDLD 610: Lab 8

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## Abstract

The purpose of this lab is to gain experience using the papaja package of rmd to render an APA style document. The second purpose is to work collaboratively with others to practice the process of using GitKraken and GitHub to produce and share data.

*Keywords:* APA, papaja, GitKraken, GitHub, merge error

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**Introduction**

This introduction provides some examples of in-text citations discussed during week 5, lecture 2 (Broglia et al., 2014). As discussed by Sohlberg and Ledbetter (2016), I find it fascinating we can add APA references into R markdown.

**Methods**

We report how we determined our sample size, all data exclusions (if any), all manipulations, and all measures in the study.

**Participants****Material****Procedure****Data analysis**

We used R (Version 3.5.1; R Core Team, 2018) for all our analyses.

**Results**

```
## Warning: package 'kableExtra' was built under R version 3.5.2
```

```
## Warning: The `printer` argument is deprecated as of rlang 0.3.0.
```

```
## This warning is displayed once per session.
```

sex	frl	math_mean	math_sd	rdg_mean	rdg_sd
boy	no	492.85	46.34	441.46	32.32
boy	yes	469.87	46.09	425.38	26.63
girl	no	501.21	45.96	448.54	34.52
girl	yes	477.51	46.30	430.80	27.42

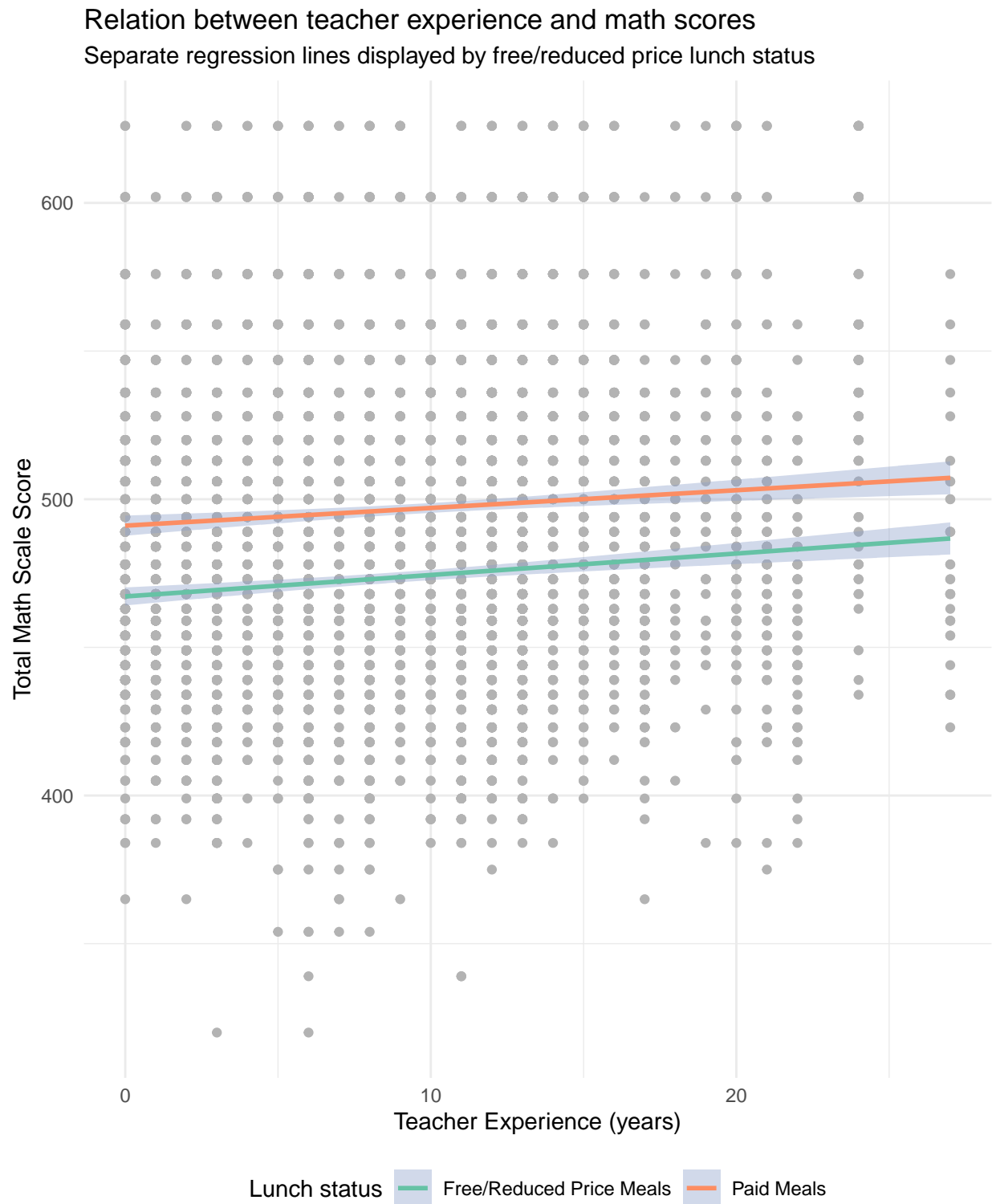
The average reading and math scores were higher in males and females who did not qualify for free and reduced lunch (FRL), suggesting children who do qualify for free and reduced lunch may be vulnerable to decreased reading and math skills. For both FRL groups (students who qualified and did not qualify for FRL), girls scored higher on average in both reading and math.

For both students who do and do not qualify for free and reduced lunch, there appears to be a slight, positive correlation between the student's total math scale score and the teacher's years of experience. Teachers with more years of experience are more likely to teach students who score higher in math than teachers with less years of experience. Overall, students who do not qualify for free and reduced lunch score higher in math than students who do qualify for free and reduced lunch regardless of the number of years the teacher has taught.

## Discussion

## References

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- R Core Team. (2018). *R: A language and environment for statistical computing*. Vienna, Austria: R Foundation for Statistical Computing. Retrieved from <https://www.R-project.org/>
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*Figure 1*