Lab 8

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Author Note

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Abstract

This analysis explores the relationship between teacher experience and math scores.

Keywords: teacher experience, math scores

Word count:

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Introduction

Here we will explain how we came up with our hypotheses.

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 4.0.2; R Core Team, 2020) and the R-package *papaja* (Version 0.1.0.9997; Aust & Barth, 2020) for all our analyses.

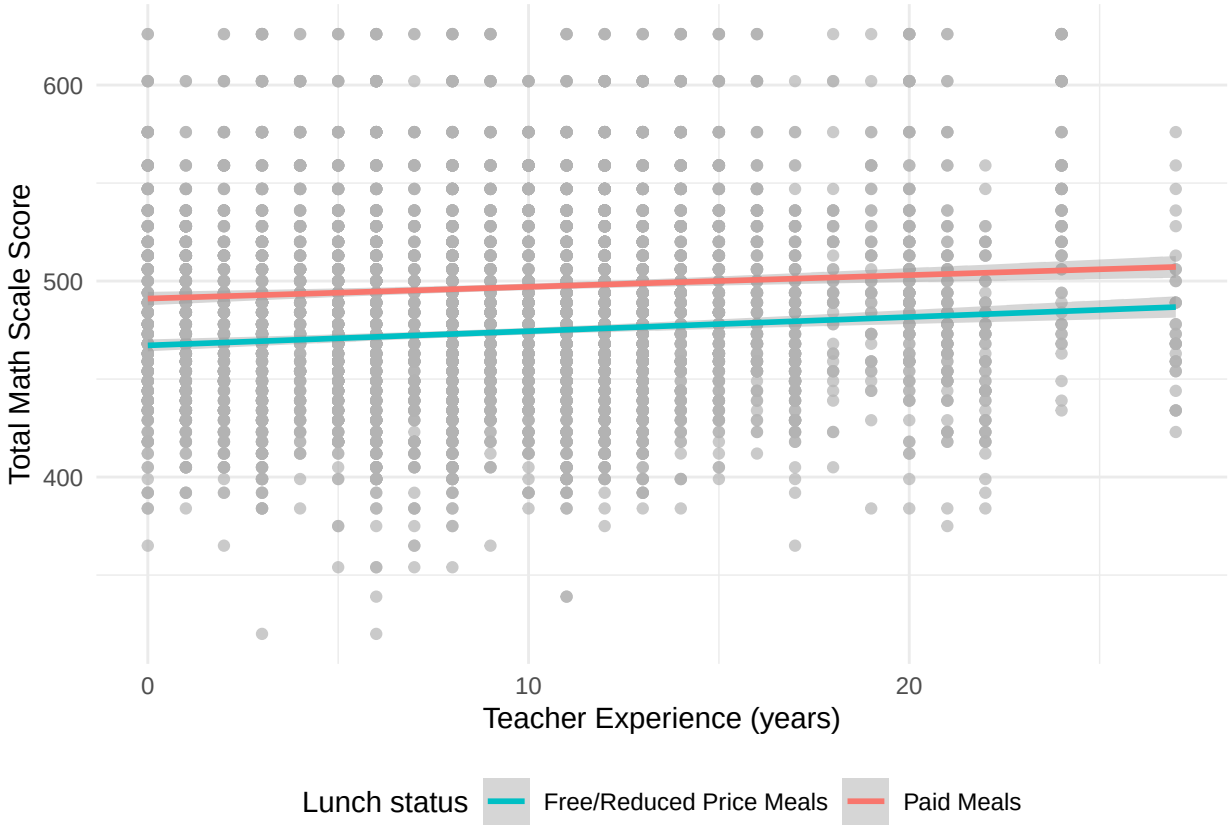
Results

Table 1

Table 1

sex	frl	math_mean	math_sd	rdg_mean	rdg_sd
boy	no	0.15	0.97	0.15	1.02
boy	yes	-0.33	0.96	-0.36	0.84
girl	no	0.33	0.96	0.37	1.09
girl	yes	-0.17	0.97	-0.19	0.86

From Table 1, we can see that that overall, girls perform better than boys in both math and reading. Further, boys and girls with free lunch perform below average in math and reading compared to those who are not in the free lunch program. Finally, it appears that an interaction occurs where boys in the free lunch program perform substantially below average.



Discussion

(**???**) studied how personality affects teacher's math experience. Another study found that bhavioral interventions are necessary (**???**).

References

Aust, F., & Barth, M. (2020). *papaja: Create APA manuscripts with R Markdown*. Retrieved from https://github.com/crsh/papaja

R Core Team. (2020). *R: A language and environment for statistical computing*. Vienna, Austria: R Foundation for Statistical Computing. Retrieved from https://www.R-project.org/