Lab 8 Group Committing to github

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Author Note

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Project completed using RStudio, GitKraken, GitHub, and papaja

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The authors made the following contributions. Janette Avelar: Writing - Review & Committing; David Fainstein: Writing - Review & Committing; Joe Swinehart: Writing - Review & Committing; Makayla Whitney: Writing - Review & Committing.

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Abstract

This project aims to explore the relationship between teacher experience and student math scores, with an additional look at how free/reduced price lunch status correpsonds to that relationship.

Keywords: teacher, experience, lunch, math, scores

Table 1

sex	frl	math_mean	math_sd	read_mean	read_ss
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

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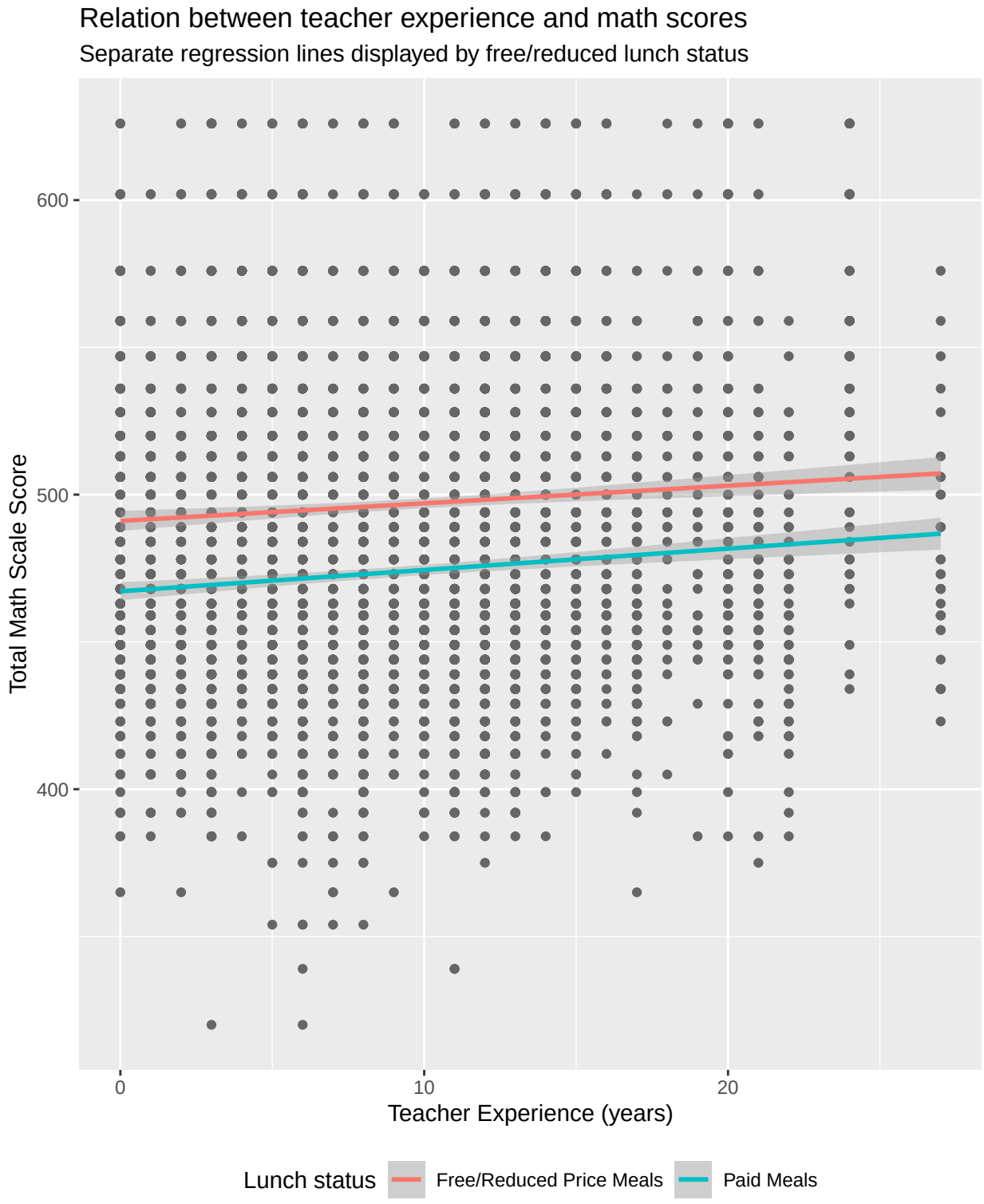
Relation between teacher experience and math scores
Separate regression lines displayed by free/reduced lunch status
Total Math Scale Score
600
500
400
0
10
20
Teacher Experience (years)
Lunch status
Free/Reduced Price Meals
Paid Meals

Methods

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

Participants

There were some people involved.

Material

We are living in a material world.

Procedure

We did things and we did them well. Then we struggled, but persevered.

Data analysis

We used R (Version 4.0.2; R Core Team, 2020) and the R-packages *here* (Version 0.1; Müller, 2017), *papaja* (Version 0.1.0.9997; Aust & Barth, 2020), and *readr* (Version 1.4.0; Wickham & Hester, 2020) for all our analyses. There was some data gathered and it was neat.

Results

The results won't be known until later tonight or perhaps for weeks.

Discussion

This fits into O'neil (2016) discussion about math stuff, we think. We didn't actually read it, but liked the name *Weapons of Math Destruction*.

Another article we didn't read investigates children's understanding of math and science, by Lehrer and Schauble (2002). It seems cool.

References

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