

New Lab 8 Title

Angela Lee¹, Ruby Cuellar¹, & Ellen Huang¹

¹ University of Oregon

Author Note

Correspondence concerning this article should be addressed to Angela Lee, 1451 Onyx Street, Eugene, OR 97403. E-mail: alee12@uoregon.edu

Abstract

Soon our *awesome* abstract will go here.

Keywords: psychology, rmarkdown, data science

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Cognitive behavioral therapy (CBT) is one of the most effective psychotherapies for psychological disorders (Zettle & Hayes, 2015). Trauer et al. (2015) conducted a meta-analysis on the efficacy of CBT for insomnia.

Results

The mean math score and standard deviation for boys under the no frl condition was 492.85 and 46.34, respectively. The mean math score and standard deviation for boys under the yes frl condition was 469.87 and 46.09, respectively. The mean math score and standard deviation for girls under the no frl condition was 501.21 and 45.96, respectively. Finally, the mean math score and standard deviation for girls under the yes frl condition was 477.51 and 46.30, respectively.

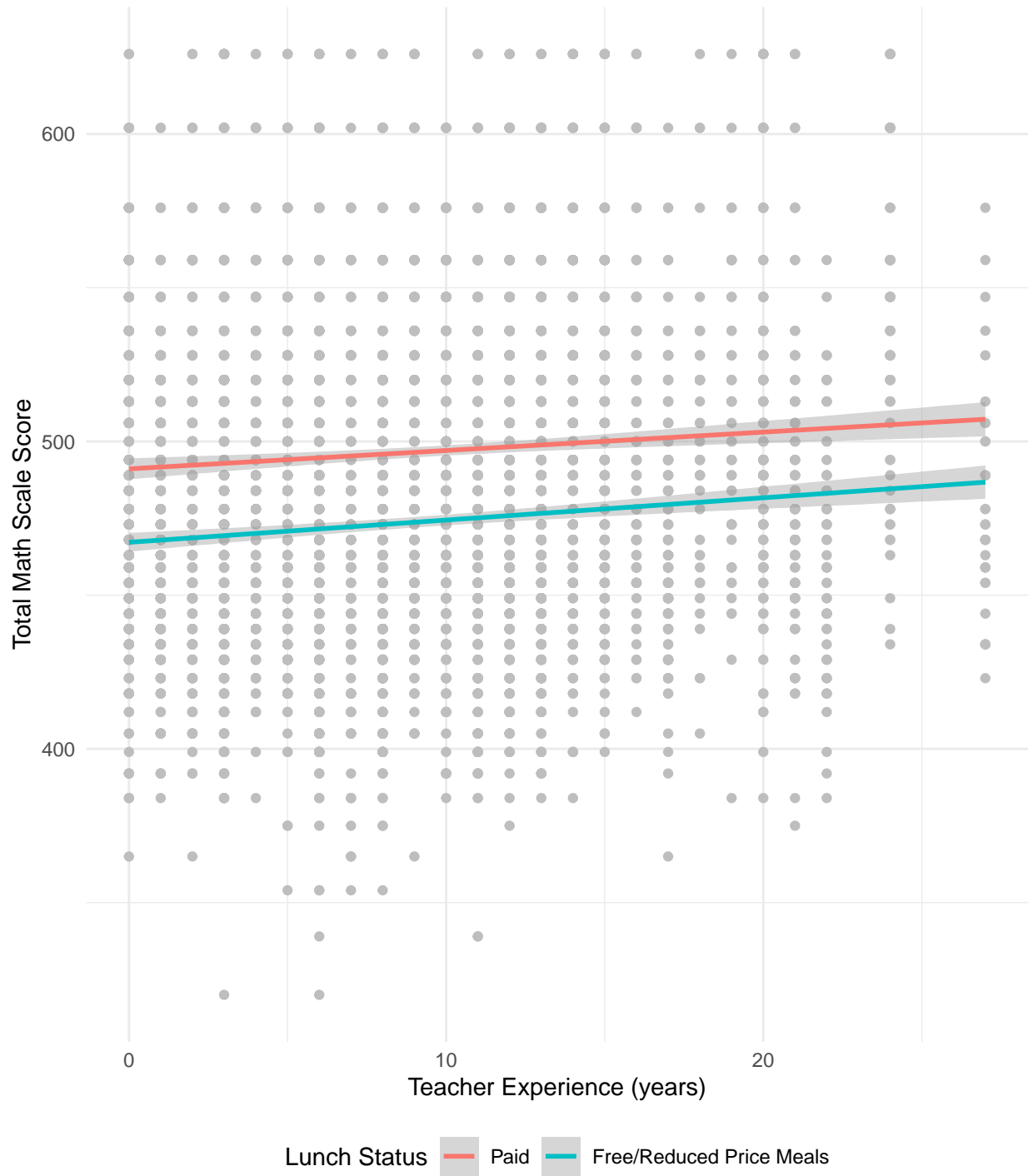
References

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- Zettle, R. D., & Hayes, S. C. (2015). Rule-governed behavior: A potential theoretical framework for cognitive-behavioral therapy. In *The act in context* (pp. 33–63). Routledge.

Commit 5

Relation between teacher experience and math scores

Separate regression lines displayed by free/reduced price lunch status



The graph demonstrates that students who pay for their lunch have higher total math scale scores than students who receive free or reduced lunch. We can also see a slight increase in students' math scores if they have a teacher with more years of teaching experience.

| sex | frl | math_mean | math_sd | rdg_mean | rdg_sd |
|------|-----|-----------|----------|----------|----------|
| boy | no | 492.8523 | 46.33845 | 441.4553 | 32.31828 |
| boy | yes | 469.8716 | 46.09285 | 425.3794 | 26.62931 |
| girl | no | 501.2057 | 45.96210 | 448.5353 | 34.52403 |
| girl | yes | 477.5084 | 46.30459 | 430.8029 | 27.42125 |