

hw_7

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Commit 1

See setup chunk in Rmd document.

Commit 2

These are 5 article citations with (Author, year) (Young et al. 2021; Issa et al. 2011; Liebowitz and Porter 2019; Hill et al. 2022 ; Keenan et al. 2011) followed by one more citation, (Pani and Kishore 2016) and a final citation with Author (year) here Garcia and Weiss (2018).

Further, we have cited one book publication (Shapiro et al. 2011). Shapiro et al. (2011) is very interesting book.

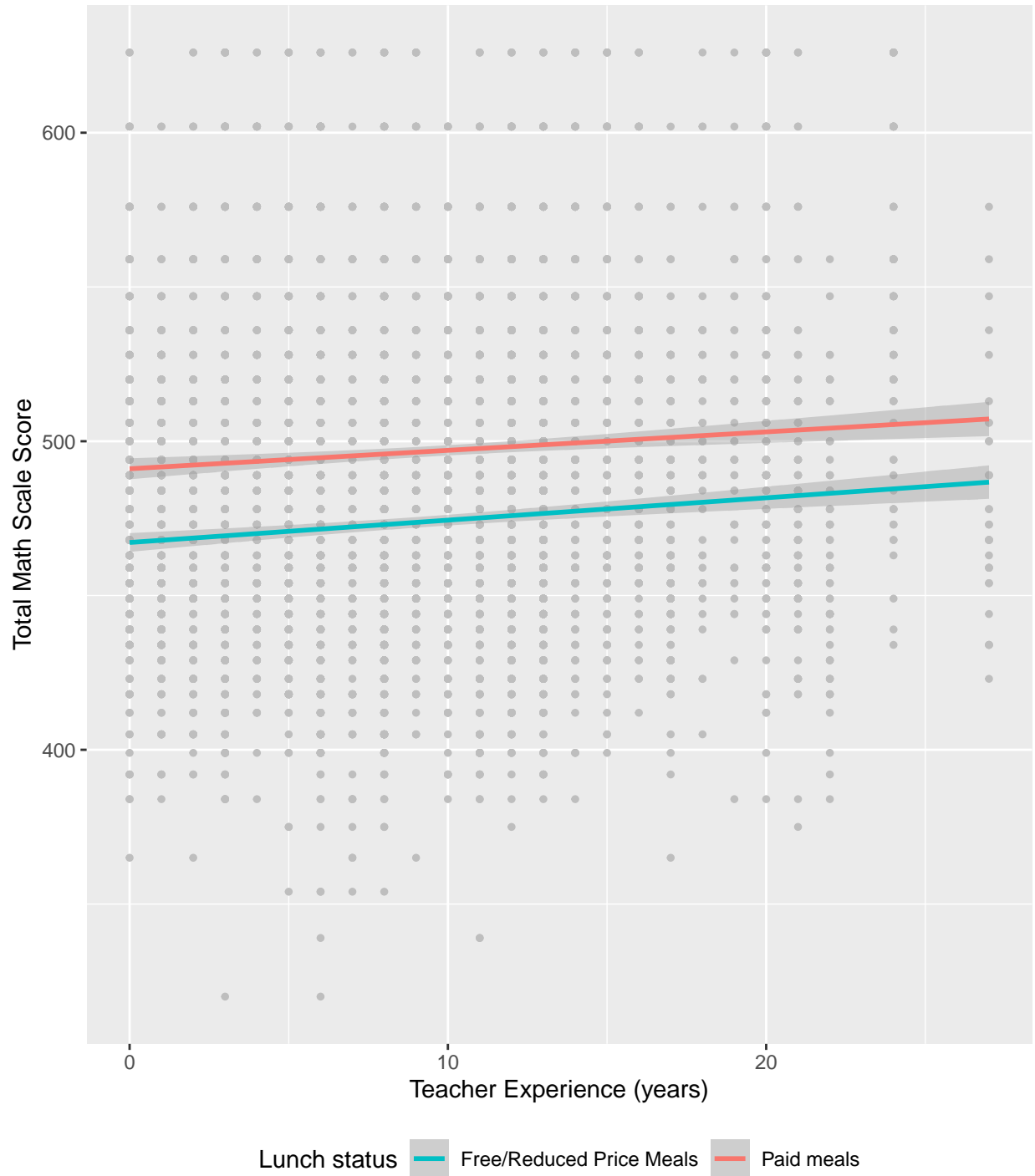
Commit 3

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

Scores demonstrates the mean scores and standard deviations of math and reading tests administered to children. It is separated by gender and whether or not the child is on the free or reduced lunch program(FRL)

Commit 4

Relation between teacher experience and math scores
Separate regression lines displayed by free/reduced price lunch status



The graph demonstrates the relationship between students' math scores and teacher's experience. Students who are on free/reduced school lunch (i.e. are from lower-income families) tend to have lower score than those who have paid meals even when their teacher has the same years of experience.

References

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- Shapiro, Edward S, Naomi Zigmond, Teri Wallace, and Doug Marston. 2011. *Models for Implementing Response to Intervention: Tools, Outcomes, and Implications*. Guilford Press.
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