hw_7

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Commit 1
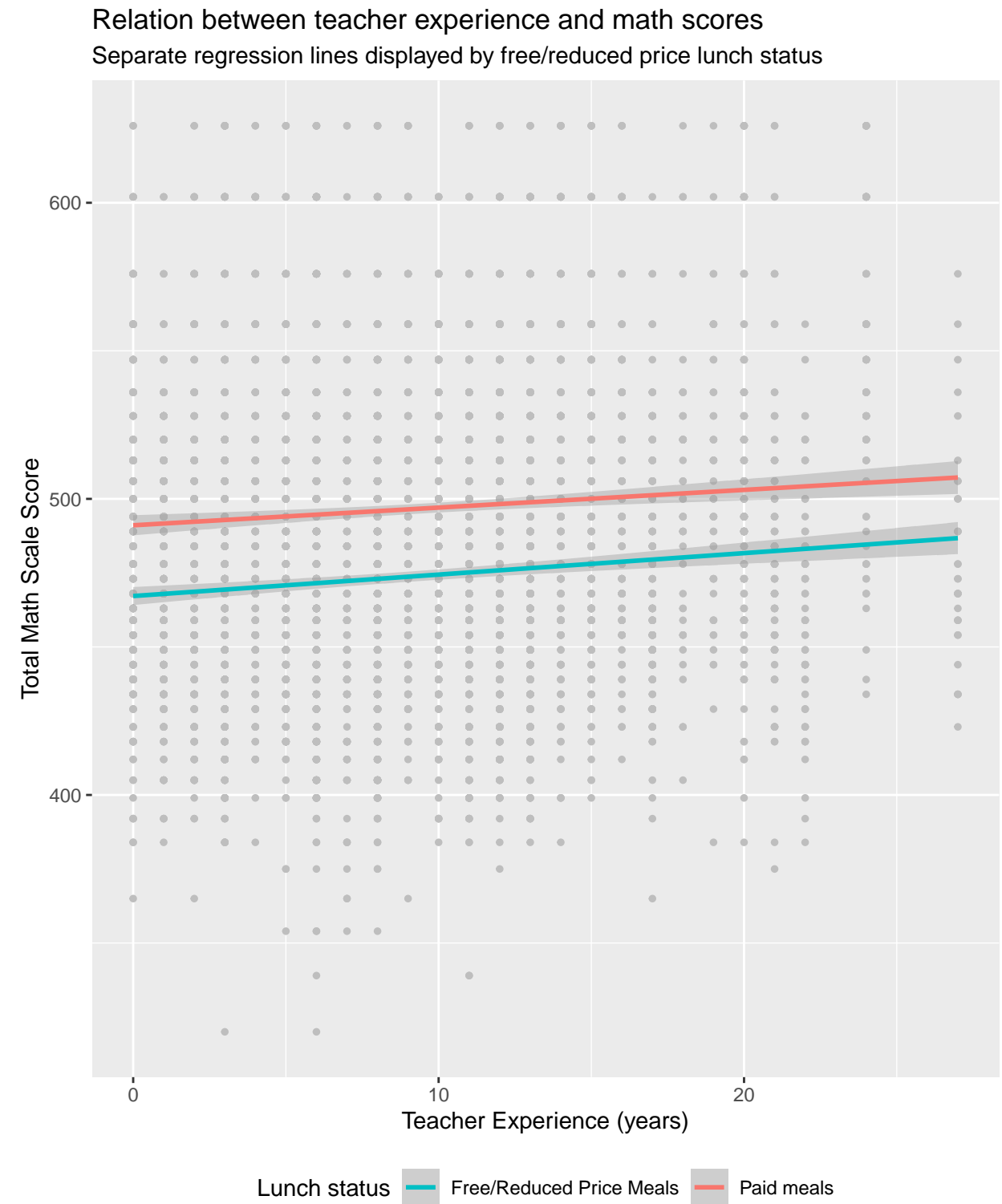
See setup chunk in Rmd document.

Commit 2

These are 2 citations with (Author, year) (Young et al. 2021; Issa et al. 2011) followed by one more citation, (Pani and Kishore 2016) and a final citation with Author (year) here Garcia and Weiss (2018).

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

Garcia, Emma, and Elaine Weiss. 2018. "Student Absenteeism: Who Misses School and How Missing School Matters for Performance." *Economic Policy Institute.*

Issa, Mohamed H, Joseph H Rankin, Mohamed Attalla, and AJ Christian. 2011. "Absenteeism, Performance and Occupant Satisfaction with the Indoor Environment of Green Toronto Schools." *Indoor and Built Environment* 20 (5): 511–23.

Pani, Pranab Kumar, and Pallavi Kishore. 2016. "Absenteeism and Performance in a Quantitative Module a Quantile Regression Analysis." *Journal of Applied Research in Higher Education.*

Young, Bonnie N, Wande O Benka-Coker, Zachary D Weller, Shannon Oliver, Joshua W Schaeffer, and Sheryl Magzamen. 2021. "How Does Absenteeism Impact the Link Between School's Indoor Environmental Quality and Student Performance?" *Building and Environment* 203: 108053.