

lab_8

Lauren Berny, Adriana Conn, Mavis Gallo, Aubrey Green, & Shawn McWeenie

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Commit 2

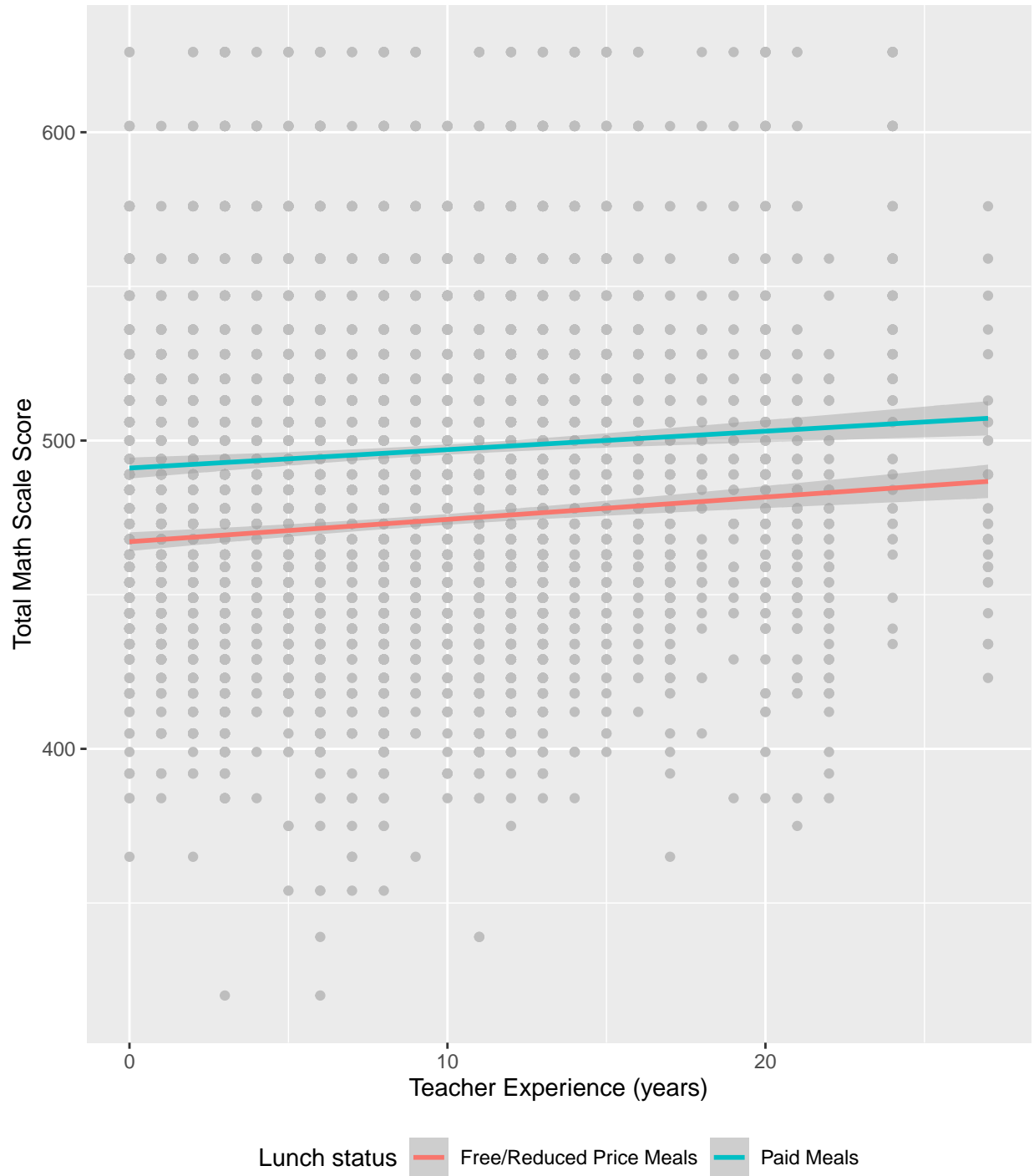
For this lab, we used several packages including Wickham et al. (2019), Firke (2021), Müller (2020), Chan et al. (2021), Wickham et al. (2021), Zhu (2021), and Xie (2021).

These packages were made possible by the *incredible* folks such as Hadley Wickham [2016] and [Chung-hong Chan, 2021].

The table above shows that both boys and girls who received free/reduced lunch tended to score lower on average in math and reading scores compared to boys and girls who did not receive free/reduced lunch.

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

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



The graph above shows teacher experience does not explain the difference in math scores and lunch status.

References

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- Zhu, Hao. 2021. *kableExtra: Construct Complex Table with 'Kable' and Pipe Syntax*. <https://CRAN.R-project.org/package=kableExtra>.