

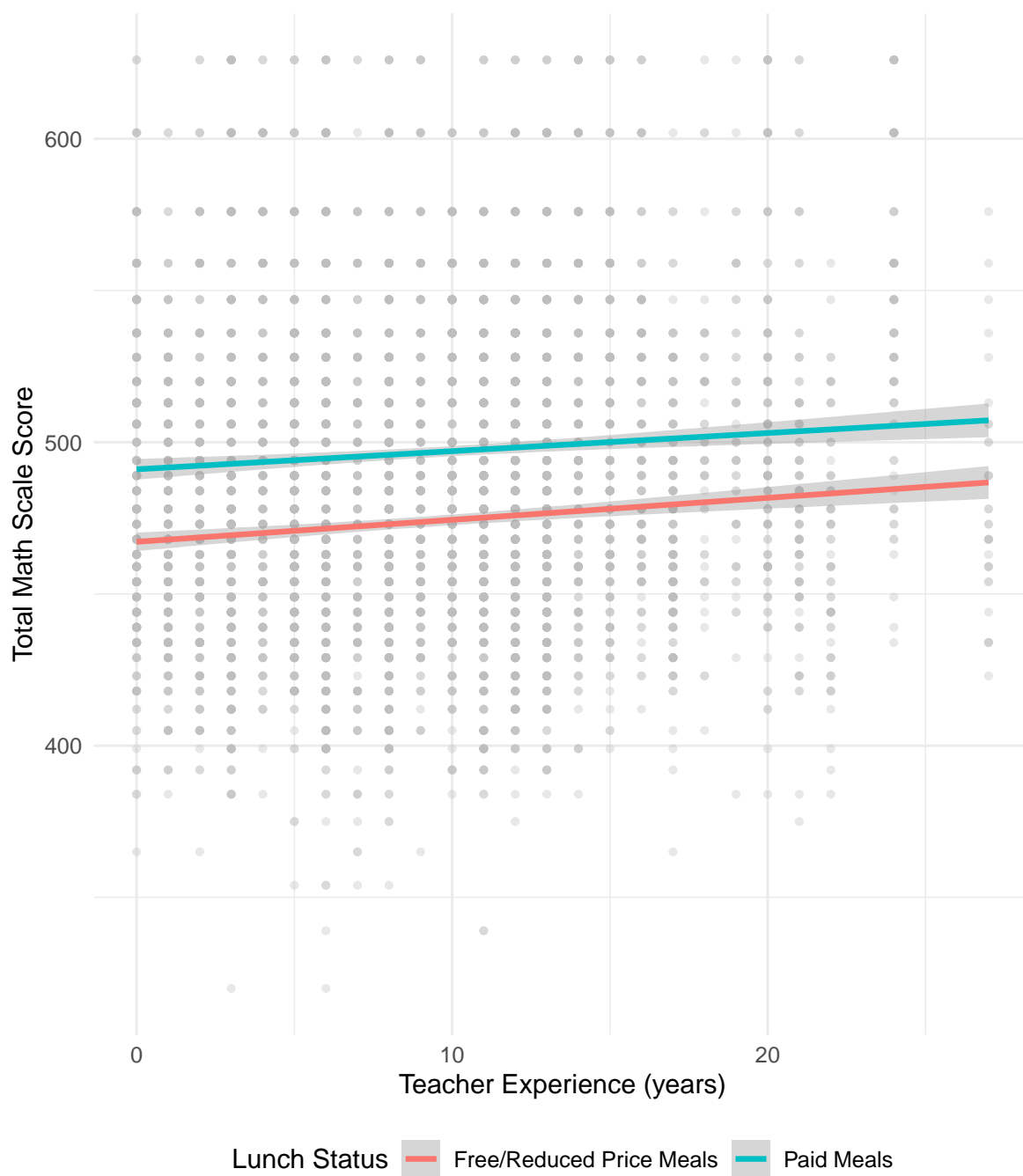
EDLD 651: HW6

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```
# A tibble: 4 x 6
  sex   frl  math_mean math_sd rdg_mean rdg_sd
<chr> <chr>    <dbl>    <dbl>    <dbl>  <dbl>
1 boy   no      493.     46.3     441.   32.3
2 boy   yes     470.     46.1     425.   26.6
3 girl  no      501.     46.0     449.   34.5
4 girl  yes     478.     46.3     431.   27.4

`geom_smooth()` using formula = 'y ~ x'
```

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



We used ([R Core Team 2025](#); [Müller 2020](#); [Wickham et al. 2019](#)) to assist our coding. We

referenced De Anda et al. ([2025](#)) for their brilliant work.

References

- De Anda, Stephanie, Elizabeth L. Budd, Pimwadee Chaovalit, Amy H. Vu, Leslie D. Leve, and David S. DeGarmo. 2025. “Social Determinants of Health and COVID-19 Vaccination: An Individual Participant Data Meta-Analysis of Adult Latino Participants.” *Preventive Medicine* 198: 108335. <https://doi.org/https://doi.org/10.1016/j.ypmed.2025.108335>.
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- R Core Team. 2025. *R: A Language and Environment for Statistical Computing*. Vienna, Austria: R Foundation for Statistical Computing. <https://www.R-project.org/>.
- Wickham, Hadley, Mara Averick, Jennifer Bryan, Winston Chang, Lucy D’Agostino McGowan, Romain François, Garrett Golemund, et al. 2019. “Welcome to the tidyverse.” *Journal of Open Source Software* 4 (43): 1686. <https://doi.org/10.21105/joss.01686>.