

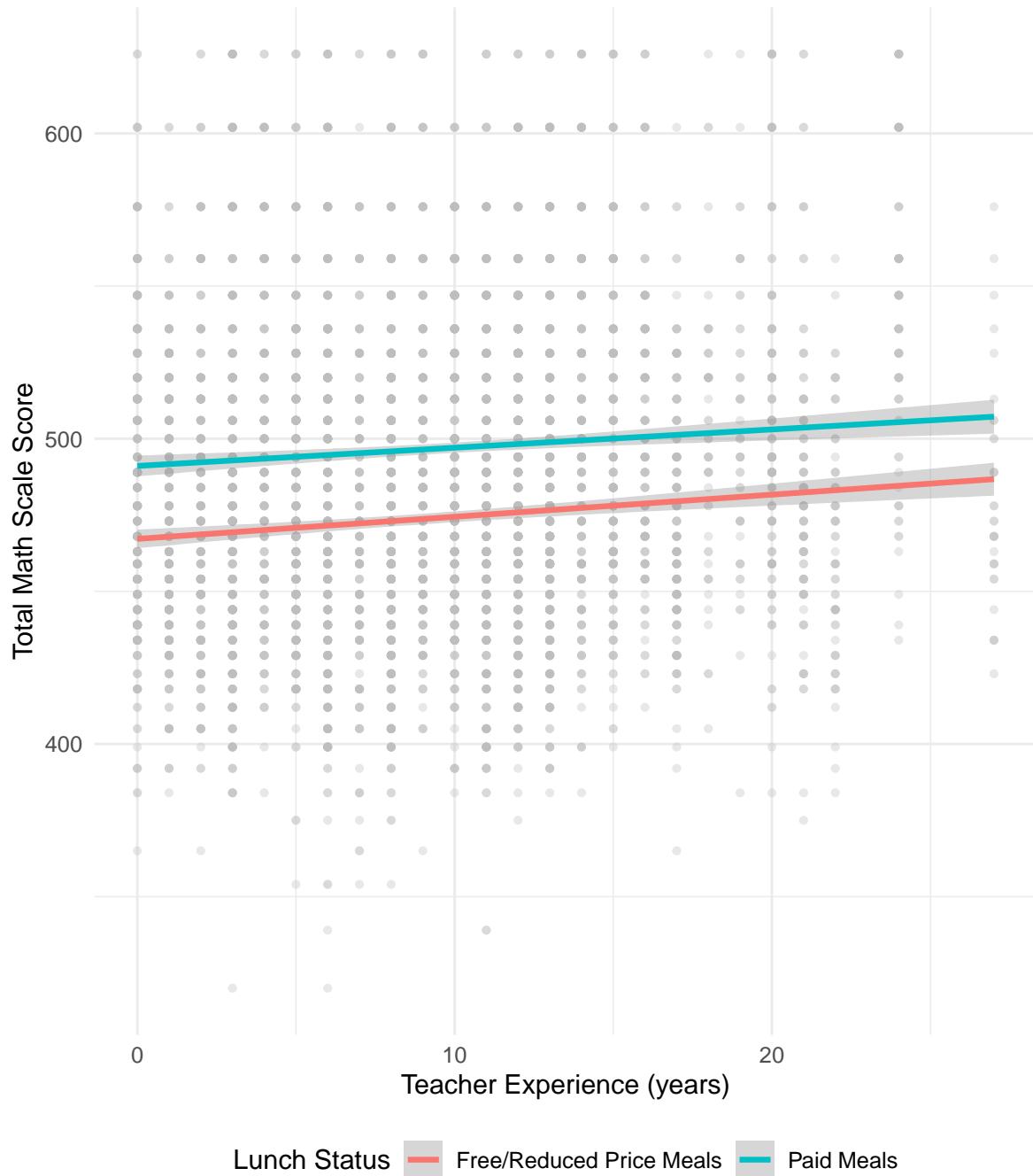
EDLD 651: HW6

Sara Kiros, Ohnmar Khine Min, Chen Su

```
# 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
Separate 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>.
- Müller, Kirill. 2020. *Here: A Simpler Way to Find Your Files*. <https://doi.org/10.32614/CRAN.package.here>.
- 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 Grolemund, et al. 2019. “Welcome to the tidyverse.” *Journal of Open Source Software* 4 (43): 1686. <https://doi.org/10.21105/joss.01686>.