

lab_8

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11/10/2021

Commit 1

```
## -- Attaching packages ----- tidyverse 1.3.1 --

## v ggplot2 3.3.5    v purrr 0.3.4
## v tibble 3.1.4     v dplyr 1.0.7
## v tidyr 1.1.4      v stringr 1.4.0
## v readr 2.0.2      v forcats 0.5.1

## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()     masks stats::lag()

## here() starts at /Users/elizabethbates/Documents/EDLD Projects/lab_8

##
## Attaching package: 'janitor'

## The following objects are masked from 'package:stats':
##
##   chisq.test, fisher.test
```

Commit 2

In this markdown, the following packages were used Wickham et al. (2019), Müller (2020), Chan et al. (2021), and Firke (2021)

Some additional references were used to complete the requirements for this assignment: (Xu et al. 2020), (L. Nebeling, Dwyer, and Oh 2020), (L. C. Nebeling, Dwyer, et al. 2017), and (L. C. Nebeling, Hennessy, et al. 2017)

Commit 3

'summarise()' has grouped output by 'sex'. You can override using the '.groups' argument.

sex	frl	math_mean	math_sd	rdg_mean	rdg_sd
boy	no	492.85	46.34	441.46	32.32

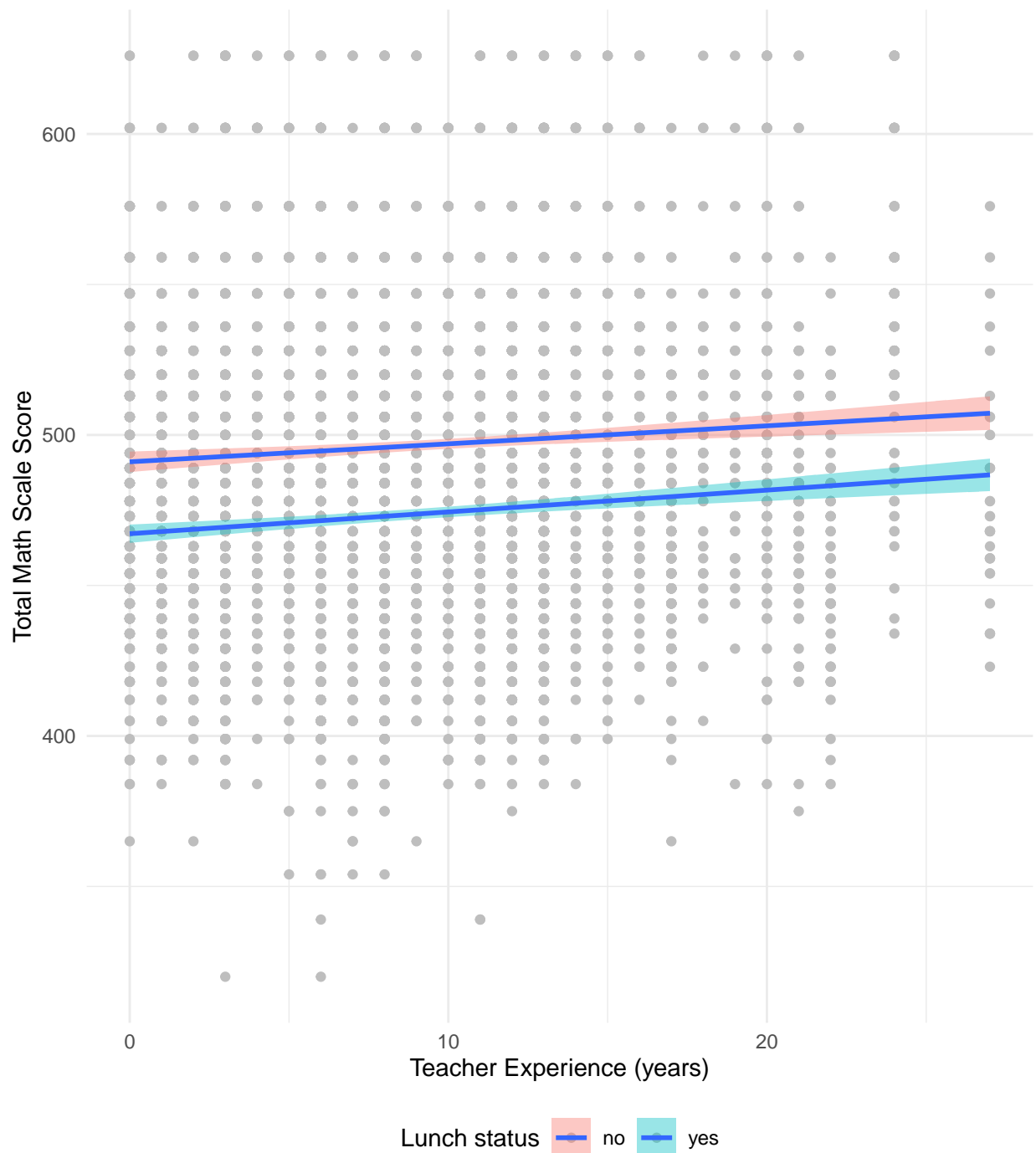
sex	frl	math_mean	math_sd	rdg_mean	rdg_sd
boy	yes	469.87	46.09	425.38	26.63
girl	no	501.21	45.96	448.54	34.52
girl	yes	477.51	46.30	430.80	27.42

Commit 4

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

Relation between Teacher Experience and Math Scores

Separate regression lines displayed by free/reduced price lunch status



Awesome work, nice job, team! - You might want to add to the global options `warning=FALSE` and `message=FALSE` - Love the package citations! also, include the name of the packages before the citations themselves. e.g., In this markdown, the following packages were used: tidyverse Wickham et al. (2019), here Müller (2020), rio Chan et al. (2021), and janitor Firke (2021). - Great kable()! - What happened to the figure? I see the code but no output. I am thinking you did not render after adding the code?

References

- Chan, Chung-hong, Geoffrey CH Chan, Thomas J. Leeper, and Jason Becker. 2021. *Rio: A Swiss-Army Knife for Data File i/o*.
- Firke, Sam. 2021. *Janitor: Simple Tools for Examining and Cleaning Dirty Data*. <https://CRAN.R-project.org/package=janitor>.
- Müller, Kirill. 2020. *Here: A Simpler Way to Find Your Files*. <https://CRAN.R-project.org/package=here>.
- Nebeling, Linda C, Laura Dwyer, April Oh, and Erin Hennessy. 2017. “The Family Life, Activity, Sun, Health and Eating Study: A Public Use Data Resource for Individual and Dyadic Analyses of Cancer Preventive Behaviors.” *AACR*.
- Nebeling, Linda C, Erin Hennessy, April Y Oh, Laura A Dwyer, Heather Patrick, Heidi M Blanck, Frank M Perna, Rebecca A Ferrer, and Amy L Yaroch. 2017. “The FLASHE Study: Survey Development, Dyadic Perspectives, and Participant Characteristics.” *American Journal of Preventive Medicine* 52 (6): 839–48.
- Nebeling, Linda, Laura Dwyer, and April Oh. 2020. “The FLASHE Study: A Publicly Available Data Resource.” *Current Developments in Nutrition* 4 (Supplement_2): 1337–37.
- 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>.
- Xu, Lei, Charles R Rogers, Tanya M Halliday, Qiang Wu, and Logan Wilmoth. 2020. “Correlates of Physical Activity, Psychosocial Factors, and Home Environment Exposure Among US Adolescents: Insights for Cancer Risk Reduction from the FLASHE Study.” *International Journal of Environmental Research and Public Health* 17 (16): 5753.