

lab_8

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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

## The directory /usr/local/bin is not writable. I recommend that you make it writable. See https://gitl
```

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.
```

```
## # A tibble: 4 x 6
## # Groups:   sex [2]
##   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
```

'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
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

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.