

# Homework 6

## Commit 1

```
-- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
v dplyr     1.1.4     v readr      2.1.5
v forcats   1.0.0     v stringr    1.5.2
v lubridate  1.9.4     v tibble     3.3.0
v purrr     1.1.0     v tidyverse  1.3.1
-- Conflicts -----
x dplyr::filter() masks stats::filter()
x dplyr::lag()    masks stats::lag()
i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become non-conflicting. See ?conflict源头 here() starts at /Users/kat/Desktop/EDLD 651/Homework/Homework 6/hw_6
```

Attaching package: 'kableExtra'

The following object is masked from 'package:dplyr':

```
group_rows

Rows: 5748 Columns: 12
-- Column specification -----
Delimiter: ","
chr (2): sex, frl
dbl (10): schidkn, reg_size, reg_size_aid, small_size, white, black, other, ...
i Use `spec()` to retrieve the full column specification for this data.
i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

## **Commit 2**

As suggested by Divecha et al. (2023), tables and figures were used to increase the readability of our document. We used R and packages called tidyverse and ggplot2 to create tables and figures (R Core Team, 2025; Wickham, 2016; Wickham et al., 2019).

## **Commit 3**

Commit 4

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#References

Divecha, C., Tullu, M., & Karande, S. (2023). Utilizing tables, figures, charts and graphs to enhance the readability of a research paper. In *Journal of postgraduate medicine* (3; Vol. 69, pp. 125–131). Medknow.

R Core Team. (2025). *R: A language and environment for statistical computing*. R Foundation for Statistical Computing. <https://www.R-project.org/>

Wickham, H. (2016). *ggplot2: Elegant graphics for data analysis*. Springer-Verlag New York. <https://ggplot2.tidyverse.org>

Wickham, H., Averick, M., Bryan, J., Chang, W., McGowan, L. D., François, R., Grolemund, G., Hayes, A., Henry, L., Hester, J., Kuhn, M., Pedersen, T. L., Miller, E., Bache, S. M., Müller, K., Ooms, J., Robinson, D., Seidel, D. P., Spinu, V., ... Yutani, H. (2019). Welcome to the tidyverse. *Journal of Open Source Software*, 4(43), 1686. <https://doi.org/10.21105/joss.01686>