hw_6

```
# A tibble: 4 x 6
  sex   frl   math_mean math_sd rdg_mean rdg_sd
  <fct> <fct>     <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
```

For homework6, program R created by R Core Team (2024) is used for data analysis. Then R packages such as tidyverse (Wickham et al. 2019), here (Müller 2020), and rio (Chan et al. 2023) are applied.

References

Chan, Chung-hong, Thomas J. Leeper, Jason Becker, and David Schoch. 2023. *Rio: A Swiss-Army Knife for Data File i/o.* https://cran.r-project.org/package=rio.

Müller, Kirill. 2020. *Here: A Simpler Way to Find Your Files.* https://CRAN.R-project.org/package=here.

R Core Team. 2024. *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.