1   PLS PLS PLS WORK, making a table

2   Naomi Liftman[1]

3   [1] Smith College

4 PLS PLS PLS WORK, making a table

5 **TABLE TIME**

6 **Data analysis**

7 We used R (Version 4.1.1; R Core Team, 2021) and the R-packages *corrplot2021* (Wei
8 & Simko, 2021), *dplyr* (Version 1.0.8; Wickham et al., 2022a), *forcats* (Version 0.5.1;
9 Wickham, 2021), *ggformula* (Version 0.10.1; Kaplan & Pruim, 2021), *ggplot2* (Version 3.3.5;
10 Wickham, 2016), *ggridges* (Version 0.5.3; Wilke, 2021), *ggstance* (Version 0.3.5; Henry et al.,
11 2020), *kableExtra* (Version 1.3.4; Zhu, 2021), *knitr* (Version 1.34; Xie, 2015), *lattice* (Version
12 0.20.44; Sarkar, 2008), *lubridate* (Version 1.7.10; Grolemund & Wickham, 2011), *Matrix*
13 (Version 1.3.4; Bates & Maechler, 2021), *mosaic* (Version 1.8.3; Pruim, Kaplan, & Horton,
14 2017, 2021), *mosaicData* (Version 0.20.2; Pruim et al., 2021), *nlme* (Version 3.1.153;
15 Pinheiro, Bates, DebRoy, Sarkar, & R Core Team, 2022), *papaja* (Version 0.1.0.9997; Aust &
16 Barth, 2020), *psych* (Version 2.1.9; Revelle, 2021), *purrr* (Version 0.3.4; Henry & Wickham,
17 2020), *readr* (Version 2.0.1; Wickham et al., 2022b), *stringr* (Version 1.4.0; Wickham, 2019),
18 *tibble* (Version 3.1.6; Müller & Wickham, 2021), *tidyr* (Version 1.1.3; Wickham & Girlich,
19 2022), and *tidyverse* (Version 1.3.1; Wickham, Averick, et al., 2019) for all our analyses.

References

Aust, F., & Barth, M. (2020). *papaja: Create APA manuscripts with R Markdown.*
Retrieved from https://github.com/crsh/papaja

Bates, D., & Maechler, M. (2021). *Matrix: Sparse and dense matrix classes and methods.*
Retrieved from https://CRAN.R-project.org/package=Matrix

Grolemund, G., & Wickham, H. (2011). Dates and times made easy with lubridate. *Journal of Statistical Software*, *40*(3), 1–25. Retrieved from
https://www.jstatsoft.org/v40/i03/

Henry, L., & Wickham, H. (2020). *Purrr: Functional programming tools.* Retrieved from
https://CRAN.R-project.org/package=purrr

Henry, L., Wickham, H., & Chang, W. (2020). *Ggstance: Horizontal 'ggplot2' components.*
Retrieved from https://CRAN.R-project.org/package=ggstance

Kaplan, D., & Pruim, R. (2021). *Ggformula: Formula interface to the grammar of graphics.*
Retrieved from https://CRAN.R-project.org/package=ggformula

Müller, K., & Wickham, H. (2021). *Tibble: Simple data frames.* Retrieved from
https://CRAN.R-project.org/package=tibble

Pinheiro, J., Bates, D., DebRoy, S., Sarkar, D., & R Core Team. (2022). *nlme: Linear and nonlinear mixed effects models.* Retrieved from
https://CRAN.R-project.org/package=nlme

Pruim, R., Kaplan, D., & Horton, N. (2021). *MosaicData: Project mosaic data sets.*
Retrieved from https://CRAN.R-project.org/package=mosaicData

Pruim, R., Kaplan, D. T., & Horton, N. J. (2017). The mosaic package: Helping students to

⁴² 'think with data' using r. *The R Journal*, *9*(1), 77–102. Retrieved from

⁴³ https://journal.r-project.org/archive/2017/RJ-2017-024/index.html

⁴⁴ R Core Team. (2021). *R: A language and environment for statistical computing.* Vienna,

⁴⁵ Austria: R Foundation for Statistical Computing. Retrieved from

⁴⁶ https://www.R-project.org/

⁴⁷ Revelle, W. (2021). *Psych: Procedures for psychological, psychometric, and personality*

⁴⁸ *research.* Evanston, Illinois: Northwestern University. Retrieved from

⁴⁹ https://CRAN.R-project.org/package=psych

⁵⁰ Sarkar, D. (2008). *Lattice: Multivariate data visualization with r.* New York: Springer.

⁵¹ Retrieved from http://lmdvr.r-forge.r-project.org

⁵² Wei, T., & Simko, V. (2021). *R package 'corrplot': Visualization of a correlation matrix.*

⁵³ Retrieved from https://github.com/taiyun/corrplot

⁵⁴ Wickham, H. (2016). *Ggplot2: Elegant graphics for data analysis.* Springer-Verlag New York.

⁵⁵ Retrieved from https://ggplot2.tidyverse.org

⁵⁶ Wickham, H. (2019). *Stringr: Simple, consistent wrappers for common string operations.*

⁵⁷ Retrieved from https://CRAN.R-project.org/package=stringr

⁵⁸ Wickham, H. (2021). *Forcats: Tools for working with categorical variables (factors).*

⁵⁹ Retrieved from https://CRAN.R-project.org/package=forcats

⁶⁰ Wickham, H., Averick, M., Bryan, J., Chang, W., McGowan, L. D., François, R., . . . Yutani,

⁶¹ H. (2019). Welcome to the tidyverse. *Journal of Open Source Software*, *4*(43), 1686.

⁶² https://doi.org/10.21105/joss.01686

⁶³ Wickham, H., François, R., Henry, L., & Müller, K. (2022a). *Dplyr: A grammar of data*

⁶⁴ *manipulation.* Retrieved from https://CRAN.R-project.org/package=dplyr

⁶⁵ Wickham, H., & Girlich, M. (2022). *Tidyr: Tidy messy data.* Retrieved from

⁶⁶   https://CRAN.R-project.org/package=tidyr

⁶⁷ Wickham, H., Hester, J., & Bryan, J. (2022b). *Readr: Read rectangular text data.* Retrieved

⁶⁸   from https://CRAN.R-project.org/package=readr

⁶⁹ Wilke, C. O. (2021). *Ggridges: Ridgeline plots in 'ggplot2'.* Retrieved from

⁷⁰   https://CRAN.R-project.org/package=ggridges

⁷¹ Xie, Y. (2015). *Dynamic documents with R and knitr* (2nd ed.). Boca Raton, Florida:

⁷²   Chapman; Hall/CRC. Retrieved from https://yihui.org/knitr/

⁷³ Zhu, H. (2021). *KableExtra: Construct complex table with 'kable' and pipe syntax.* Retrieved

⁷⁴   from https://CRAN.R-project.org/package=kableExtra

Variable	Value	SE	t_value	p_value
Man	-0.460	1.910	-0.24	0.81
Woman	2.520	2.220	1.14	0.26
Man x Time	-0.010	0.003	-0.05	0.95
Woman x Time	-0.001	0.004	-2.39	0.02
Man x Percent of Chores	1.430	1.880	0.76	0.45