REFERENCES

Avila, J. F., Vonk, J. M. J., Verney, S. P., Witkiewitz, K., Arce Rentería, M., Schupf, N., Mayeux, R., & Manly, J. J. (2019). Sex/gender differences in cognitive trajectories vary as a function of race/ethnicity. *Alzheimer's & Dementia*, *15*(12), 1516–1523. https://doi.org/10.1016/j.jalz.2019.04.006

Bates, D., Mächler, M., Bolker, B., & Walker, S. (2015). Fitting Linear Mixed-Effects Models Using **lme4**. *Journal of Statistical Software*, *67*(1). https://doi.org/10.18637/jss.v067.i01

Battalio, S. L., Huffman, S. E., & Jensen, M. P. (2020). Longitudinal associations between physical activity, anxiety, and depression in adults with long-term physical disabilities. *Health Psychology*, *39*(6), 529–538. https://doi.org/10.1037/hea0000848

Becker, H., Stuifbergen, A., Lee, H., & Kullberg, V. (2014). Reliability and Validity of PROMIS Cognitive Abilities and Cognitive Concerns Scales Among People with Multiple Sclerosis. *International Journal of MS Care*, *16*(1), 1–8. https://doi.org/10.7224/1537-2073.2012-047

Genes, N., Violante, S., Cetrangol, C., Rogers, L., Schadt, E. E., & Chan, Y.-F. Y. (2018). From smartphone to EHR: A case report on integrating patient-generated health data. *Npj Digital Medicine*, *1*(1), 23. https://doi.org/10.1038/s41746-018-0030-8

Grolemund, G., & Wickham, H. (2011). Dates and Times Made Easy with **lubridate**. *Journal of Statistical Software*, *40*(3). https://doi.org/10.18637/jss.v040.i03

Hötting, K., & Röder, B. (2013). Beneficial effects of physical exercise on neuroplasticity and cognition. *Neuroscience & Biobehavioral Reviews*, *37*(9), 2243–2257. https://doi.org/10.1016/j.neubiorev.2013.04.005

Ivanova, E., Burns, R. J., Deschênes, S. S., Knäuper, B., & Schmitz, N. (2017). A Longitudinal Investigation of Anxiety and Depressive Symptomatology and Exercise Behaviour Among Adults With Type 2 Diabetes Mellitus. *Canadian Journal of Diabetes*, *41*(1), 73–81. https://doi.org/10.1016/j.jcjd.2016.07.006

Liu, H., Zhang, Y., Burgard, S. A., & Needham, B. L. (2019). Marital status and cognitive impairment in the United States: Evidence from the National Health and Aging Trends Study. *Annals of Epidemiology*, *38*, 28-34.e2. https://doi.org/10.1016/j.annepidem.2019.08.007

Mandolesi, L., Polverino, A., Montuori, S., Foti, F., Ferraioli, G., Sorrentino, P., & Sorrentino, G. (2018). Effects of Physical Exercise on Cognitive Functioning and Wellbeing: Biological and Psychological Benefits. *Frontiers in Psychology*, *9*, 509. https://doi.org/10.3389/fpsyg.2018.00509

Rethorst, C. D., Wipfli, B. M., & Landers, D. M. (2009). The Antidepressive Effects of Exercise: A Meta-Analysis of Randomized Trials. *Sports Medicine*, *39*(6), 491–511. https://doi.org/10.2165/00007256-200939060-00004

University of Michigan. (2017). *Michigan Predictive Activity and Clinical Trajectories (MIPACT) Study*. MIPACT | University of Michigan. https://precisionhealth.umich.edu/our-research/mipact/

Valentine, T. R., Weiss, D. M., Jones, J. A., & Andersen, B. L. (2019). Construct validity of PROMIS® Cognitive Function in cancer patients and noncancer controls. *Health Psychology*, *38*(5), 351–358. https://doi.org/10.1037/hea0000693

Villanueva, R. A. M., & Chen, Z. J. (2019). ggplot2: Elegant Graphics for Data Analysis (2nd ed.). *Measurement: Interdisciplinary Research and Perspectives*, *17*(3), 160–167. https://doi.org/10.1080/15366367.2019.1565254

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

Zsembik, B. A., & Peek, M. K. (2001). Race Differences in Cognitive Functioning Among Older Adults. *The Journals of Gerontology Series B: Psychological Sciences and Social Sciences*, *56*(5), S266–S274. https://doi.org/10.1093/geronb/56.5.S266