

# Data Analysis Assignment 3

COMM 7370 | Spring 2026

In this assignment, we will replicate the data analysis from the publication below.

McKasy, M., Caciato, M. A., Su, L. Y.-F., Yeo, S. K., & O'Neill, L. (2020). Operationalizing science literacy: An experimental analysis of measurement. *Journal of Science Communication*, 19(4), A03. <https://doi.org/10.22323/2.19040203>

Find the journal article and download the data and codebook from Canvas. Replicate the analysis following the article. Be sure to address all the research questions and hypotheses posed by the authors.