

Application exercise: 1.1 Scientific Studies in the Press

Section: 10:05 - 11:20 11:45 - 1:00 1:25 - 02:40 3:05 - 4:20 4:40 - 5:55

Team: _____

In this activity you will read two short articles and answer a few of questions about each one. It is possible that the article doesn't provide the relevant information to answer certain question(s). If so, refer to the original study (linked). You do not need to read the entire paper, in fact, you are certainly not expected to understand all of it. Simply find the information that will help you answer the question.

1 Haters Are Gonna Hate, Study Confirms

By Katy Waldman

Published: August 28, 2013 on Slate, <http://slate.me/1dr5XPE>

Original study: Hepler, J., & Albarracn, D. (2013). Attitudes without objects: Evidence for a dispositional attitude, its measurement, and its consequences. *Journal of personality and social psychology*, 104(6), 1060. <http://bit.ly/110XfNC>

2 Study: Rich more likely to take candy from babies

By Ezra Klein

Posted: February 27, 2012 on The Washington Post Blog, <http://wapo.st/1dstShQ>

* Focus only on the candy and car studies.

Original study: Piff, P. K., Stancato, D. M., Côté, S., Mendoza-Denton, R., & Keltner, D. (2012). Higher social class predicts increased unethical behavior. *Proceedings of the National Academy of Sciences*, 109(11), 4086-4091. <http://bit.ly/zjwiGL>

1. What are the cases?
2. What is (are) the response variable(s) in this study?
3. What is (are) the explanatory variable(s) in this study?
4. Does the study employ random sampling? How about random assignment?
5. Is this an observational study or an experiment? Explain your reasoning.
6. Can we establish a causal link between the explanatory and response variables?
7. Can the results of the study be generalized to the population at large?