Dear Professor Gick, Associate Professor of Psychology, Corresponding Author,

I'm emailing to ask if you would be willing to provide feedback about a replication of your study " Schema induction and analogical transfer" in Gick & Holyoak (1983, Cognitive Psychology). I'm writing to share a mock-up of a replication of Experiment 5 as part of a graduate course, to see if you have any comments or concerns that you'd like to share.

Please feel no obligation to respond to this message; I know time is tight. I just wanted to be sure you had a chance to provide any comments if you wanted and that you were aware my study is going on. Due to the quick timeframe of our course, if you are able to provide feedback, it would be wonderful to receive it by December 11th, so I can incorporate your comments into the design and pre-registration.

Here's a link to my paradigm. Any insights you have into details that differ from your own study would be much appreciated. I will be piloting this paradigm in the next week, so I may also change some small details after collecting the data.

I'm interested in your findings because they shed light to the importance of teacher facilitation in knowledge transfer, so I chose to do a direct replication of your study as part of a graduate course, Psych 251, "Laboratory Methods in Experimental Psychology" at Stanford University. I will be replicating your experiment on Amazon Mechanical Turk (mturk.com). I know this is a deviation from the original population you tested, and I will note this sample decision prominently in the write-up. As I am attempting as faithful a replication as possible, any advice or insights on experimental design that I might not gather from the original article and subsequent references to the article such as Schwartz and Goldstone (2016) would be very appreciated.

In addition, for my project, I need to preregister a "key statistical test" from your manuscript. The idea is that this is the test that most closely corresponds to the primary hypothesis. For your experiment, I chose maximum likelihood chi square (G^2), calculated for the frequency data comparing the two conditions, with principle and without principle. Please let me know if you think this is appropriate or if there is another test that you would consider closer to being the key one for your interpretation.

Thanks again,

Greses Pérez

PS: If you have any questions or concerns about this course project, feel free to contact me (greses@stanford.edu) or the instructor, Michael Frank (mcfrank@stanford.edu).