April 7, 2021

Aaron S. Benjamin, PhD

Department of Psychology

University of Illinois at Urbana-Champaign

Champaign, IL

Dear Dr. Benjamin:

Dr. Mark Huff and I are submitting our manuscript entitled “Reactivity from Judgments of Learning is Not Due to Memory Forecasting: Evidence from Associative Memory and Frequency Judgments” be considered for publication as an original research article in the *Journal of Experimental Psychology: Learning, Memory, and Cognition*. This is a reworked version of submission XXX. The focus of the manuscript has been reframed in light of reviewer comments; thus we request it be treated as new submission.

This paper investigates the reactive properties of judgments of learning (JOLs) by comparing cued-recall performance for participants making JOLs at encoding to a no-JOL group who engaged in silent reading at encoding. First, Experiment 1 replicates previous research showing JOL reactivity effects are moderated pair relatedness while extending these findings to include backward and symmetrical paired associates. Importantly, Experiments 2 and 3 show that reactivity effects are not unique to JOLs by comparing JOL reactivity patterns to other, non-metacognitive judgment tasks. Finally, Experiment 4… [EXPAND]

Taken together, our findings suggest that JOL reactivity on related pairs is largely driven by additional relational encoding that occurs at study rather than… [METACOGNITIVE PROCESSES] We believe that our findings make a substantive empirical, methodological, and theoretical contribution to the literature through our inclusion of backward and symmetrical associates, our comparison to relational encoding and frequency judgments, and our proposed account of JOL reactivity. This work is original and not under review elsewhere. We report no conflicts of interest. We look forward to hearing about the suitability of our manuscript in the *Journal of Experimental Psychology: Learning, Memory, and Cognition*.

Sincerely,

Nicholas P. Maxwell, M.S.

School of Psychology

The University of Southern Mississippi

nicholas.maxwell@usm.edu

Ph: 601.266.5411

Cc:

Mark J. Huff, PhD

Assistant Professor

School of Psychology

The University of Southern Mississippi

mark.huff@usm.edu

Ph: 601.266.5411