August 27, 2016

To Editor, *Memory & Cognition*

Dear Editor:

We would like to submit our manuscript entitled “Grouping Effects in Encoding Times Reveal The Format of Instruction Representations: A Rapid Instructed Task Learning Study” for publication in *Memory & Cognition*. In its current form, the manuscript is 26 pages long, and contains six figures, one table, and 4,454 words.

The manuscript tackles the problem of human’s ability to learn from instructions. This ability has been recently at the center of much attention in neuroimaging research, with various attempts at understanding the nature of instruction representation using neuroimaging models. Compared to the existing body of literature, our paper takes a different and complementary approach, showing that the nature of instruction representations can be glimpsed by analyzing how response times change as a function of manipulations of the instruction structures.

Because of its focus on behavioral measures and memory effects, we believe that our contribution fits perfectly well with the aims and scope of *Memory & Cognition*, and we expect our results to be of interest to the journal’s readership, as well as to researchers that have approached the same problem from a neuroimaging perspective.

The manuscript that my co-author and I are hereby submitting is entirely original, and none of its contents has been published, submitted or is under consideration elsewhere, including the Internet. All of the co-authors listed in the byline have read and agreed on the contents of the manuscript, approved its submission to *Memory & Cognition*, and mutually agreed to the list and order of authors. Finally, my co-author and I have mutually agreed that I will serve as the corresponding author throughout the submission process.

To facilitate the review process, we would like to suggest the following reviewers, which we have selected because they have conducted behavioral research on either instruction learning or on the role of declarative memory in skill acquisition. Neither my co-author nor I have any history of previous or current collaboration with any of the suggested reviewers:

1. Prof. Dr. **Hannes Ruge**, Technische Universitaet Dresden. Email: ruge@psychologie.tu-dresden.de

2. Prof. **Cleotilde Gonzalez**, Carnegie Mellon University. Email: coty@cmu.edu

3. Prof. **Alice Healy**, University of Colorado, Boulder. Email: Alice.Healy@Colorado.EDU

4. Prof. **Nachshon Meiran**, Ben-Gurion University of the Negev. Email: nmeiran@bgu.ac.il

Sincerely,



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