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Prof. Dr. Chris Chambers, Recommender
Peer Community in: Registered Reports

RE: Revision of a manuscript for consideration (manuscript #382)

Dear Prof. Dr. Chris Chambers,

We thank you for the opportunity to again revise our manuscript, "The role of semantic encoding in production-enhanced memory: A registered report" (#382), for consideration as a registered report in *Peer Community in: Registered Reports*.

Thank you for highlighting the need to preregister how we would deal with extreme false-alarm or hit proportions during d-prime calculations. We decided to use the log-linear rule where you first add 0.5 to the number of hits and false alarms and adding 1 to the number of signal and noise trials, then calculate hit and false alarm rates (Stanislaw & Todorov, 1999); this rule was found to result in less biased d-prime estimates than other possible corrections and is recommended to be used independently of whether extreme values are observed (Hautus, 1995; Stanislaw & Todorov, 1999). We now preregister this correction on p. 31 of the manuscript (highlighted in yellow).

We again thank you for guiding us through the process of writing a registered report, and hope that with this change we can move onto the data collection stage of the project.

Kind regards,

Tanja Roembke, Ph.D., and

Rachel Brown, Ph.D.