

# Immediate feedback is critical for learning from your own productions



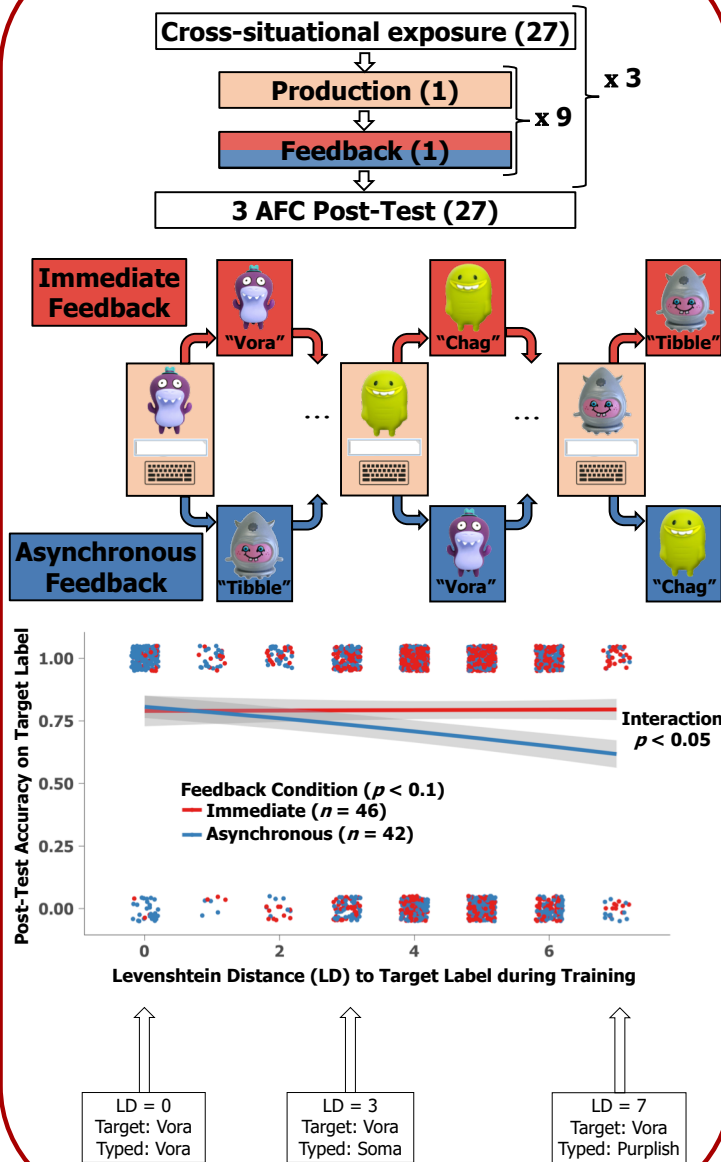
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## What is the role of immediate feedback during language learning?

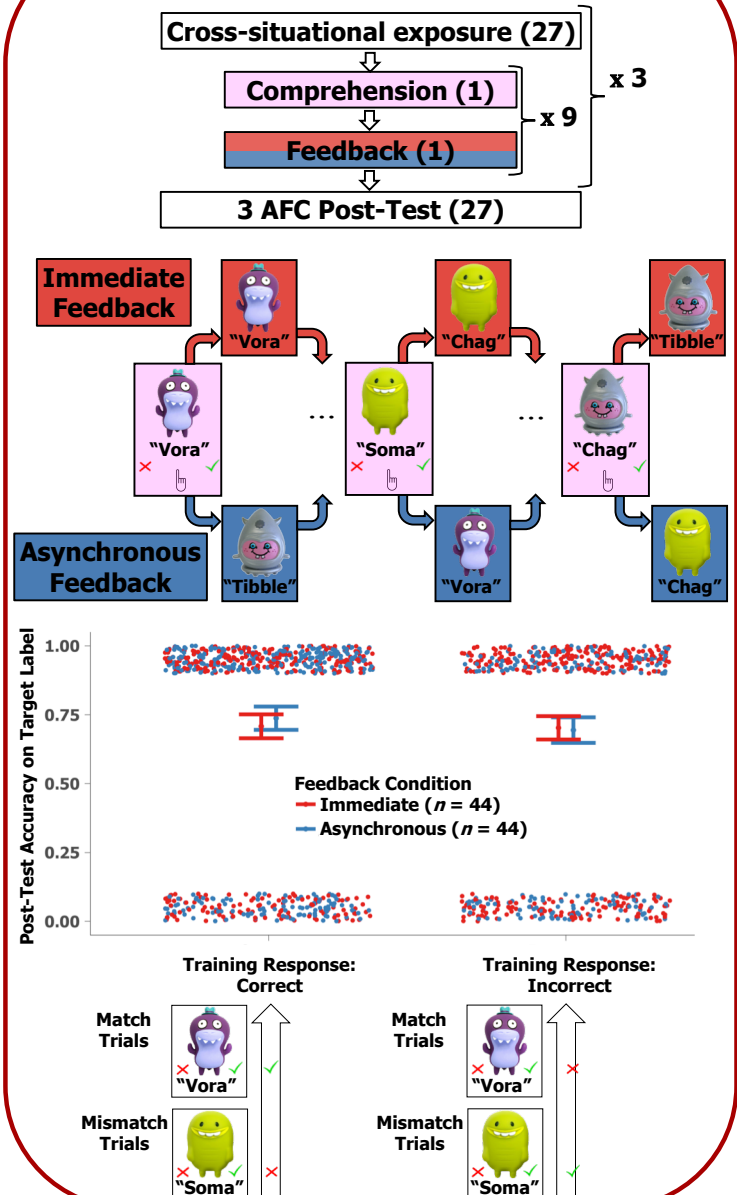
Production practice, compared to comprehension practice, has been shown to improve language learning<sup>1</sup>. Research on non-language materials suggests that immediate feedback could be critical for learning from your own production attempts<sup>2</sup>. In order to test the importance of immediate feedback in language learning, we taught participants novel words by means of either production or comprehension exercises, and provided them with either immediate or asynchronous feedback after each exercise.

**Hypothesis: Immediate feedback is important for successfully learning from your own productions**

### Production Experiment



### Comprehension Experiment



## Implications for language learning

- Immediate feedback protects learners from the errors they make during production attempts.
- Immediate feedback is not critical for learning from comprehension exercises.

### Experiment Demo



[tiny.cc/demoPIF](https://tiny.cc/demoPIF)

### References

- <sup>1</sup>Hopman, E.W.M. & MacDonald, M.C. (2018). Production practice during language learning improves comprehension. *Psychological Science*.
- <sup>2</sup>Kang, S.H.K., McDermott, K.B., & Roediger III, H.L. (2007). Test format and corrective feedback modify the effect of testing on long-term retention. *European Journal of Cognitive Psychology*, 19 (4/5), 528-558.

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### Poster & Abstract



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