

Supplemental Material S2. Age of acquisition in production.

The Smit et al. (1990) norms only test consonants. Templin (1957; see Appendix IV) tested vowel production ages of acquisition. The vowels tested in the current study were all highly accurate in young 3-year-olds.

Sound	Proportion accurate at 3;0
I, I, E, a	100%
^, U, u	98%
eI	93%

References

- Smit, A. B., Hand, L., Freilinger, J. J., Bernthal, J. E., & Bird, A. (1990). The Iowa Articulation Norms project and its Nebraska replication. *Journal of Speech and Hearing Disorders*, 55(4), 779–798. <https://doi.org/10.1044/jshd.5504.779>
- Templin, M. C. (1957). Appendix IV. Data on articulation of specific speech sounds. In *Certain Language Skills in Children: Their Development and Interrelationships*. University of Minnesota Press. <https://www.jstor.org/stable/10.5749/j.ctttv2st>