

Prepublication manuscripts (comments welcome!)

- Léon, M., & Cristia, A. (2024). Data Protection Handbook for Long-Form Recording Research: Navigating Data Protection Laws across the Globe. <https://doi.org/10.31219/osf.io/dy4wt> [preprint]
- Gautheron, L., Kidd, E., Malko, A., Lavechin, M., & Cristia, A. (2025, July 3). Classification errors distort findings in automated speech processing: examples and solutions from child-development research. https://doi.org/10.31234/osf.io/u925y_v1 [preprint]
- Hitczenko, K., Bergelson, E., Casillas, M., Colleran, H., Cychosz, M., Grosjean, P., Hamrick, L. R., Kelleher, B. L., Scaff, C., Seidl, A., Walker, S., and Cristia, A. (accepted) A cross-linguistic study of the effect of early experience on vocal development. Registered Report Stage 1 Accepted at *Developmental Science*. [pdf]
- Charlot, T., Kunze, T., Poli, M., Cristia, A., Dupoux, E., & Lavechin, M. (2025). BabyHuBERT: Multilingual Self-Supervised Learning for Segmenting Speakers in Child-Centered Long-Form Recordings. arXiv preprint arXiv:2509.15001.

Journal articles (peer-reviewed)

- Scaff, C., Coffey, J., & Cristia, A. (accepted). A meta-analysis of the correlation between socioeconomic status and direct measures of young children's word comprehension. *Infancy*. <http://dx.doi.org/10.1111/infa.70035> [osf, preprint]
- Li, J., Lavechin, M., Fan, X., McElwain, N. L., Garcia-Perera, P., Cristia, A., & Hasegawa-Johnson, M. (accepted). Automated Analysis of Naturalistic Recordings in Early Childhood: Applications, Challenges, and Opportunities. *IEEE Signal Processing Magazine*.
- Laudańska, Z., Caunt, A., Cristia, A., Warlaumont, A., Patsis, K., Tomalski, P., ... & Marschik, P. B. (2025). From Data to Discovery: Technology Propels Speech-Language Research and Theory-Building in Developmental Science. *Neuroscience & Biobehavioral Reviews*, 106199.
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- Shoba, M., Swaminathan, D., ... Cristia, A., ... (2025). Validation of the Language ENvironment Analysis (LENA®) Automated Speech Processing Algorithm Labels for Adult and Child Segments in a Sample of Families from India. *Journal of Speech, Language, and Hearing Research*.
- Rosslund, A., Mayor, J., Cristia, A., & Kartushina, N. (2024). Native and non-native vowel discrimination in 6-month-old Norwegian infants. *Infant Behavior & Development*. [preprint]
- Rosslund, A., Mayor, J., Mundry, R., Singh, A. P., Cristia, A., & Kartushina, N. (2024). A longitudinal investigation of the acoustic properties of infant-directed speech from 6 to 18 months. *Royal Society Open Science*. [preprint, paper]
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