

Supplemental Material S2. Summary of included studies.

| Author (year) | Title | Journal | Meta Type | Registered | Data Provided | Statistical Code Provided |
|-------------------------------|---|----------------|------------------|-------------------|----------------------|----------------------------------|
| Bailey et al. (2015) | Sound Production Treatment: Synthesis and Quantification of Outcomes | AJSLP | SMD | no | no | no |
| Boutsen et al. (2002) | Botox Treatment in Adductor Spasmodic Dysphonia: A Meta-Analysis | JSLHR | SMD | no | no | no |
| Casby (2001) | Otitis Media and Language Development: A Meta-Analysis | AJSLP | SMD | no | no | no |
| Cleave et al. (2015) | The Efficacy of Recasts in Language Intervention: A Systematic Review and Meta-Analysis | AJSLP | SMD | no | no | no |
| Cristia et al. (2019) | Accuracy of the Language Environment Analysis System Segmentation and Metrics: A Systematic Review | JSLHR | Corr | no | yes | yes |
| Dollaghan & Horner (2011) | Bilingual Language Assessment: A Meta-Analysis of Diagnostic Accuracy | JSLHR | Corr | no | no | no |
| Duchesne & Marschark (2019) | Effects of Age at Cochlear Implantation on Vocabulary and Grammar: A Review of the Evidence | AJSLP | SMD | no | no | no |
| Ebert et al. (2011) | Sustained Attention in Children With Primary Language Impairment: A Meta-Analysis | JSLHR | SMD | no | no | no |
| Estes et al. (2007) | Differences in the Nonword Repetition Performance of Children With and Without Specific Language Impairment: A Meta-Analysis | JSLHR | SMD | no | no | no |
| Fisher (2017) | A Systematic Review and Meta-Analysis of Predictors of Expressive-Language Outcomes Among Late Talkers | JSLHR | Both | no | no | no |
| Flippin et al. (2010) | Effectiveness of the Picture Exchange Communication System (PECS) on Communication and Speech for Children With Autism Spectrum Disorders: A Meta-Analysis | AJSLP | SMD | no | no | no |
| Gallinat et al. (2014) | Differences in the Performance of Children With Specific Language Impairment and Their Typically Developing Peers on Nonverbal Cognitive Tests: A Meta-Analysis | JSLHR | SMD | no | no | no |
| Gatlin et al. (2015) | Relations Among Children’s Use of Dialect and Literacy Skills: A Meta-Analysis | JSLHR | Corr | no | no | no |
| Hearnshaw et al. (2019) | Speech Perception Skills of Children With Speech Sound Disorders: A Systematic Review and Meta-Analysis | JSLHR | SMD | yes | no | no |
| Hopkins-Rossabi et al. (2018) | Respiratory Phase and Lung Volume Patterns During Swallowing in Healthy Adults: A Systematic Review and Meta-Analysis | JSLHR | Corr | yes | no | no |
| Jones & Brandt (2018) | Auditory Lexical Decisions in Developmental Language Disorder: A Meta-Analysis of Behavioral Studies | JSLHR | SMD | yes | yes | yes |

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|--------------------------|--|----------------|------------------|-------------------|----------------------|----------------------------------|
| Kan et al. (2010) | Word Learning in Children With Primary Language Impairment: A Meta-Analysis | JSLHR | SMD | no | no | no |
| Kleeck et al. (2010) | Should We Use Telegraphic or Grammatical Input in the Early Stages of Language Development With Children Who Have Language Impairments? A Meta-Analysis of the Research and Expert Opinion | AJSLP | Corr | no | no | no |
| Krok et al. (2015) | Past Tense Production in Children With and Without Specific Language Impairment Across Germanic Languages: A Meta-Analysis | JSLHR | SMD | no | no | no |
| Lammertink et al. (2017) | Statistical Learning in Specific Language Impairment: A Meta-Analysis | JSLHR | SMD | no | no | no |
| Lancaster et al., (2020) | Early Speech and Language Development in Children With Nonsyndromic Cleft Lip and/or Palate: A Meta-Analysis | JSLHR | SMD | no | yes | yes |
| Latoszek et al. (2018) | A Meta-Analysis: Acoustic Measurement of Roughness and Breathiness | JSLHR | Corr | no | no | no |
| Law et al. (2004) | The Efficacy of Treatment for Children With Developmental Speech and Language Delay/Disorder: A Meta-Analysis | JSLHR | SMD | no | no | no |
| Leung et al. (2017) | Voice, Articulation, and Prosody Contribute to Listener Perceptions of Speaker Gender: A Systematic Review and Meta-Analysis | JSLHR | Corr | no | no | no |
| Lum et al. (2015) | A Meta-Analysis of Cross Sectional Studies Investigating Language in Maltreated Children | JSLHR | SMD | no | no | no |
| Ntourou et al. (2011) | Language Abilities of Children Who Stutter: A Meta-Analytical Review | AJSLP | SMD | no | no | no |
| Nye et al. (2013) | Behavioral Stuttering Interventions for Children and Adolescents: A Systematic Review and Meta-Analysis | JSLHR | SMD | no | no | no |
| O'Neill et al. (2018) | Effects of Interventions That Include Aided Augmentative and Alternative Communication Input on the Communication of Individuals With Complex Communication Needs: A Meta-Analysis | JSLHR | SMD | no | no | no |
| Ofoe et al. (2018) | Short-Term Memory, Inhibition, and Attention in Developmental Stuttering: A Meta-Analysis | JSLHR | SMD | no | no | no |
| Orellana et al. (2019) | The Use of Dynamic Assessment for the Diagnosis of Language Disorders in Bilingual Children: A Meta-Analysis | AJSLP | Corr | no | no | no |
| Pauls et al. (2016) | Executive Functions in Children With Specific Language Impairment: A Meta-Analysis | JSLHR | SMD | no | no | no |
| Pawlowska (2014) | Evaluation of Three Proposed Markers for Language Impairment in English: A Meta-Analysis of Diagnostic Accuracy Studies | JSLHR | Corr | no | no | no |

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|-------------------------|--|----------------|------------------|-------------------|----------------------|----------------------------------|
| Quique et al. (2019) | Acquisition and Generalization Responses in Aphasia Naming Treatment: A Meta-Analysis of Semantic Feature Analysis Outcomes | AJSLP | Corr | no | yes | yes |
| Roberts & Kaiser (2011) | The Effectiveness of Parent-Implemented Language Interventions: A Meta-Analysis | AJSLP | SMD | no | no | no |
| Rodvick et al. (2018) | Consonant and Vowel Identification in Cochlear Implant Users Measured by Nonsense Words: A Systematic Review and Meta-Analysis | JSLHR | SMD | yes | no | no |
| Rojas et al. (2020) | How Does Our Voice Change as We Age? A Systematic Review and Meta-Analysis of Acoustic and Perceptual Voice Data From Healthy Adults Over 50 Years of Age | JSLHR | SMD | no | no | no |
| Rudolph (2017) | Case History Risk Factors for Specific Language Impairment: A Systematic Review and Meta-Analysis | AJSLP | Corr | no | no | no |
| Sandbank & Yoder (2016) | The Association Between Parental Mean Length of Utterance and Language Outcomes in Children With Disabilities: A Correlational Meta-Analysis | AJSLP | Corr | no | no | no |
| Sandbank et al. (2020) | Intervention Effects on Language in Children with Autism: A Project AIM Meta-Analysis | JSLHR | SMD | no | yes | no |
| Scott et al. (2011) | How Well Do Children Who Are Internationally Adopted Acquire Language? A Meta-Analysis | JSLHR | SMD | no | no | no |
| Singer et al. (2020) | Clinical Characteristics Associated With Stuttering Persistence: A Meta-Analysis | JSLHR | SMD? | yes | no | no |
| Systad et al. (2019) | The Value of Electroencephalogram in Assessing Children With Speech and Language Impairments | JSLHR | Corr | yes | no | no |
| Weed & Fusaroli (2020) | Acoustic Measures of Prosody in Right-Hemisphere Damage: A Systematic Review and Meta-Analysis | JSLHR | SMD | no | yes | yes |
| Whitehouse (2010) | Is There a Sex Ratio Difference in the Familial Aggregation of Specific Language Impairment? A Meta-Analysis | JSLHR | Corr | no | no | no |
| Yao et al. (2020) | Low-Frequency Repetitive Transcranial Magnetic Stimulation in Patients With Poststroke Aphasia: Systematic Review and Meta-Analysis of Its Effect Upon Communication | JSLHR | SMD | no | no | no |
| Zhao et al. (2020) | A Meta-Analysis of the Association Between the Voice Handicap Index and Objective Voice Analysis | JSLHR | Corr | no | no | no |
| Zimmerman (2018) | Do Infants Born Very Premature and Who Have Very Low Birth Weight Catch Up With Their Full Term Peers in Their Language Abilities by Early School Age? | JSLHR | SMD | no | no | no |

Note. SMD = Standardized Mean Difference; Corr = Correlational; AJSLP = *American Journal of Speech-Language Pathology*; JSLHR = *Journal of Speech, Language, and Hearing Research*.