

**Supplemental Material S4.** Decision rules for some complicated coding variables.

<b>Coding Variable</b>	<b>Coding Decision</b>	<b>Systematic Decision Rule</b>	<b>Example</b>
Search String	Yes	Reported the replicable combinations of search terms with the exact Boolean operators	<i>“SLI” OR “specific language impairment” OR “specific-language impairment” OR “language impairment” OR “language delay”...</i>
	No	Reported only keywords without the exact Boolean operators rendering the search non-replicable	<i>The keywords used in the search were <b>otitis media and language</b>.</i>
Search Dates	Yes	Reported the specific range of publication dates to which the search was restricted, or the date when the search was conducted if no limit on search dates was imposed	<i>In total, 28 different electronic databases were used to search relevant scientific reports in English, German, and Dutch from the years 1960 to 2013.</i>
	No	Reported no specific date restriction or the date when the search was conducted if no limit on search dates was imposed	<i>The final electronic search was completed on November 16, 2017.</i>
Moderator Justification	Yes	Provided a theoretical justification in the introduction section for all the moderators that motivated the moderator analysis	<i>Study-Level Moderator Variables: Nonverbal IQ Test, Nonverbal IQ Cutoff Score; Participant-Level Moderator Variables: Age, SES (subsection headings in the introduction)</i>
	No	Provided no theoretical justification for any of the moderators that were included in the analysis, or only for some of the moderators	<i>The authors did not provide theoretical rationale for the moderators that were included in the analysis (i.e., intervention agent, type of recast, participant characteristics, dosage, recast-only versus package interventions) in the introduction section.</i>
	NA	No moderator analysis was conducted in the study	<i>The study examined the main effect of children’s low birth weight or preterm on later language abilities without any exploration of moderators.</i>
Dependency	Yes	Discussed how the dependent effect sizes (i.e., data from the same sample) were addressed	<i>To address this violation, we used RVE to account for the within-study dependence of effects.</i>
	No	No reporting of either if and/or how the effect size dependency was addressed	<i>The authors did not mention how the issue caused by the dependent data from the same sample on participants’ speech perception was addressed.</i>
	NA	Only one effect size existed in each study (no concern of the dependency issue)	