

**Supplemental Material S2.** Pearson's correlation coefficients for potential predictor variables.

Independent variable	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1. Age in months	–																
2. Sex <sup>a</sup>	-.175	–															
3. Oral function score	.433**	-.034	–														
4. CELF Receptive Language Index	-.197	.325	.176	–													
5. CELF Expressive Language Index	-.054	-.015	.369*	.509**	–												
6. PPVT-4 SS	-.399*	.145	.017	.404*	.440*	–											
7. GFTA-2 SS	-.14	.207	.589**	.367*	.564**	.449*	–										
8. % inconsistency	-.304	.221	-.557**	-.123	-.101	.003	-.31	–									
9. PVC	.458**	-.082	.818**	.124	.218	.046	.440*	-.576**	–								
10. PCC	.506**	-.007	.726**	.183	.555**	.246	.579**	-.516**	.699**	–							
11. % lexical stress errors	-.413*	.039	-.795**	-.059	-.11	.075	-.411*	.544**	-.938**	-.600**	–						
12. Forward digit span SS	-.049	-.047	.301	.419*	.602**	.279	.529**	-.520**	.237	.408*	-.171	–					
13. % correct treated pseudowords at baseline	.577**	-.014	.405*	-.017	.293	.093	.184	-.284	.452**	.527**	-.414*	.245	–				
14. % correct untreated real words at baseline	.437*	.072	.283	.22	.378*	.151	.231	-.382*	.3	.521**	-.24	.343	.560**	–			
15. Dose-frequency <sup>b</sup>	.068	.12	.034	.218	-.12	-.057	-.006	.299	.102	-.076	-.156	-.182	-.012	-.125	–		

**Note.** Highlighted values indicate highly correlated independent variables ( $r \geq .8$ ). CELF = Clinical Evaluation of Language Fundamentals; PPVT-4 = Peabody Picture Vocabulary Test–Fourth Edition (Dunn & Dunn, 2007); SS = standard score; GFTA-2 = Goldman-Fristoe Test of Articulation–2 (Goldman & Fristoe, 2000); PVC = percentage of vowels correct; PCC = percentage of consonants correct.

<sup>a</sup> 0 = male, 1 = female. <sup>b</sup> 0 = four-times per week ReST, 1 = twice-weekly ReST.

\* $p < .05$ . \*\* $p < .01$ .

Supplemental material, Ng et al., “Predicting Treatment Outcomes in Rapid Syllable Transition Treatment: An Individual Participant Data Meta-Analysis,” *JSLHR*, [https://doi.org/10.1044/2022\\_JSLHR-21-00617](https://doi.org/10.1044/2022_JSLHR-21-00617)

## References

- Dunn, L. M., & Dunn, D. M. (2007). *Peabody Picture Vocabulary Test—Fourth Edition*. Pearson.
- Goldman, R., & Fristoe, M. (2000). *Goldman-Fristoe Test of Articulation—Second Edition*. American Guidance Service.