

Supplemental Material S1. Generalized estimating equation (GEE) analyses predicting adolescent outcomes from preschool measures.

Measure	Predictor	β	b (SE)	χ^2	Overall p -value	R^2
GFTA	Intercept	0.73	0.19			
	SSD Group			42.7	< .001***	0.309
	No SSD	REF	REF			
	Resolved SSD	-1.06	0.34			
	Low MSW	-1.53	0.33			
	PSD + Low MSW	-1.74	0.30			
PPVT	Intercept	110.0	3.1			
	SSD Group			16.2	.001**	0.145
	No SSD	REF	REF			
	Resolved SSD	-3.8	3.9			
	Low MSW	-6.8	5.3			
	PSD + Low MSW	-16.6	4.7			
EOWPVT-3	Intercept	115.2	4.0			
	SSD Group			8.4	.039*	0.073
	No SSD	REF	REF			
	Resolved SSD	-5.2	4.9			
	Low MSW	-10.5	6.7			
	PSD + Low MSW	-14.0	5.9			
Motor Speech Skills	Intercept	0.4	1.1			
	SSD Group			44.4	< .001***	0.204
	No SSD	REF	REF			
	Resolved SSD	-3.3	1.3			
	Low MSW	-3.1	1.8			
	PSD + Low MSW	-7.5	1.5			
Recalling Sentences	Intercept	11.22	0.68			
	SSD Group			47.6	< .001***	0.284
	No SSD	REF	REF			
	Resolved SSD	-1.57	0.83			
	Low MSW	-3.80	1.17			
	PSD + Low MSW	-5.76	0.98			

Note. REF = reference group; χ^2 = chi-squared (3 d.f.) statistic from analysis of variance (ANOVA) comparing models with and without outcome group; Overall p = p value corresponding to χ^2 : NS ($p \geq .1$), * $p < .1$, ** $p < .05$, *** $p < .001$; R^2 = multiple R^2 for the outcome group only. Neither sex or socioeconomic status were significant covariates and therefore not included in the models. GFTA = Goldman-Fristoe Test of Articulation, Sounds in Words Subtest; PPVT = Peabody Picture Vocabulary Test; EOWPVT-3 = Expressive One Word Picture Vocabulary Test–Third Edition; Motor Speech Skills = Robbins and Klee (1987); Recalling Sentences = from Clinical Evaluation of Language Fundamentals–Preschool (CELF-P) and Test of Language Development–Primary: Third Edition (TOLD-P:3) Preschool Sentence Imitation.

References

- Dunn, D. M., & Dunn, L. M. (1997). *Peabody Picture Vocabulary Test—III (PPVT-III)*. Circle Pines, MN: AGS.
- Dunn, L. M. (2006). *Peabody Picture Vocabulary Test—Fourth Edition (PPVT-4)*. Circle Pines, MN: AGS.
- Gardner, M. F. (2000). *Expressive One-Word Picture Vocabulary Test—Third Edition (EOWPVT-3)*. Novato, CA: Academic Therapy Publications.
- Goldman, R., & Fristoe, M. (1986). *Goldman-Fristoe Test of Articulation*. Circle Pines, MN: AGS.
- Goldman, R., & Fristoe, M. (2000). *Goldman-Fristoe Test of Articulation—Second Edition*. Circle Pines, MN: AGS.
- Newcomer, P. L., & Hammill, D. D. (1997). *Test of Language Development—Primary: Third Edition (TOLD-P:3)*. Austin, TX: Pro-Ed.
- Robbins, J., & Klee, T. (1987). Clinical assessment of oropharyngeal motor development in young children. *Journal of Speech and Hearing Disorders*, 52, 271–277.
- Wiig, E. H., Secord, W., & Semel, E. (1992). *Clinical Evaluation of Language Fundamentals—Preschool*. San Antonio, TX: The Psychological Corporation.