Supplemental Material S2. Characteristics of participants in the Raine cohort (Straker et al., 2017) who were "included" (n = 1,180) and "not included" (n = 1,481) in the current study.^a

Characteristics	Included ^b	Not included ^b	
	n (%)	n (%)	p
Maternal age at birth of child			
≤ 19 years	71 (6.1)	198 (13.8)	
20–34 years	907 (78.1)	1,085 (75.6)	
≥ 35 years	184 (15.8)	152 (10.6)	< .001
Maternal race			
Non-Caucasian	92 (7.9)	142 (9.9)	
Caucasian	1,070 (92.1)	1,293 (90.1)	.080
Maternal education			
Incomplete secondary school (< 12 years)	640 (55.1)	980 (68.5)	
Completed secondary school	522 (44.9)	450 (31.5)	< .001
Maternal smoking in pregnancy			
1–10 daily	143 (12.3)	284 (19.8)	
> 10 daily	105 (9.0)	204 (14.2)	
None	914 (78.7)	947 (66.0)	< .001
Paternal age			
≤ 19 years	32 (2.8)	91 (6.4)	
20–34 years	817 (70.3)	1,032 (71.9)	
≥ 35 years	313 (26.9)	312 (21.7)	< .001
Paternal education			
Incomplete secondary school (< 12 years)	554 (54.9)	717 (66.9)	
Completed secondary school	456 (45.1)	354 (33.1)	< .001
Family income below poverty line			
Yes (< 24,000 AUD)	373 (33.5)	682 (51.2)	
No (≥ 24,000 AUD)	742 (66.5)	651 (48.8)	< .001
Gestational age			
< 37 weeks	122 (10.3)	173 (11.7)	
≥ 37 weeks	1,058 (89.7)	1,308 (88.3)	.273

Online supplemental material, Armstrong et al., "Predicting Language Difficulties in Middle Childhood From Early Developmental Milestones: A Comparison of Traditional Regression and Machine Learning Techniques," Journal of Speech, Language, and Hearing Research, https://doi.org/10.1044/2018_JSLHR-L-17-0210

Birth weight			
< 2,500 grams	93 (7.9)	143 (9.7)	
≥ 2,500 grams	1,087 (92.1)	1,328 (90.3)	.098
Sex			
Male	620 (52.5)	738 (49.8)	
Female	560 (47.5)	643 (50.2)	.165

Note. p values are for Chi-squared analyses. AUD = Australian dollars. aTo be "included" in the current study, participants were required to have both Infant Monitoring Questionnaire (IMQ, Squires, Bricker, & Potter, 1990) and Clinical Evaluation of Language Fundamentals—Third Edition (CELF-3, Semel, Wiig, & Secord, 1995) data available. Thus, those participants "not included" only had data available on one or neither of these measures. bSample restricted to participants who met the inclusionary criteria for the study.

References

Semel, W., Wiig, E. H., & Secord, W. A. (1995). *Clinical Evaluation of Language Fundamentals—Third Edition*. San Antonio, TX: Psychological Corporation.

Squires, J., Bricker, D., & Potter, A. (1990). *Infant/child monitoring questionnaires procedures manual*. Eugene, OR: University of Oregon.