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

Supplemental Material S4. Results from the adjusted multivariate logistic regression with Infant Monitoring Questionnaire (IMQ, Squires, Bricker, & Potter, 1990) communication items at 3 years.

IMQ Communication subscale at 3 years	Typical versus delayed language at 10 years n = 1,114	
	Adjusted OR (95% CI) ^a	p value
Item 1		
Yes	Reference	
Sometimes	2.00 (1.28-3.13)	.002
Not yet	3.32 (0.87–12.71)	.079
Item 2	,	
Yes	Reference	
Sometimes	6.25 (1.64–23.73)	.007
Not yet	b	_
Item 3		
Yes	Reference	
Sometimes	1.65 (0.65-4.21)	.290
Not yet	5.28 (0.54–51.91)	.153
Item 4	,	
Yes	Reference	
Sometimes	1.43 (0.92–2.21)	.110
Not yet	1.69 (0.45–6.26)	.433
Item 5	,	
Yes	Reference	
Sometimes	2.06 (1.01-4.21)	.048
Not yet	.50 (0.11–2.40)	.391
Item 6	,	
Yes	Reference	
Sometimes	1.38 (0.99–1.92)	.054
Not yet	2.13 (1.48–3.07)	< .001

Note. OR = odds ratio. Bold values indicate statistical significance (p < .05).

Reference

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

^aAll models adjusted for maternal education, income, and sex. ^b No participants in this category.