

**Supplemental Material S2.** Percentage of interobserver-agreement across phases and dependent variables.

Participant	Condition	Primary outcome	Secondary outcome	Corollary measures	
		Percentage correctly identified symbols	Symbolic communication acts	Number of different words	Number of word combinations
Lennox	Baseline	99.5 (92–100)	87 (80–94)	87 (67–100)	93 (67–100)
	Intervention	100	87 (83–95)	87 (75–100)	94 (80–100)
	Generalization	—	91 (83–100)	—	—
	Maintenance	100	—	—	—
Paul	Baseline	100	89 (85–93)	87 (57–100)	91 (50–100)
	Intervention	99.5 (92–100)	90 (80–97)	91 (78–100)	88 (50–100)
	Generalization	—	90 (80–97)	—	—
	Maintenance	100	—	—	—
Sasha	Baseline	100	94 (86–96)	85 (50–100)	92 (50–100)
	Intervention	100	90 (86–95)	89 (50–100)	85 (33–100)
	Generalization	—	96 (89–100)	—	—
	Maintenance	97 (92–100)	—	—	—
Tate	Baseline	100	92 (88–96)	96 (81–100)	98 (50–100)
	Intervention	99.5 (92–100)	91 (87–96)	92 (75–100)	97 (71–100)
	Generalization	—	91 (85–97)	—	—
	Maintenance	100	—	—	—

*Note.* Mean is given as percent agreement.