

Supplemental Material S5. Indices of diagnostic accuracy for percent grammatical utterances (PGU) using prescriptive cutoff scores.

The tables below present the diagnostic accuracy for PGU using $-1 SD$, $-1.25 SD$, $-1.5 SD$, or $-2 SD$ as the cutoff scores.

Table 5.1. Indices of diagnostic accuracy for PGU by age using $-1 SD$ as the cutoff score.

Age Level	Cut-off ($-1 SD$)	Sensitivity	Specificity	Overall Accuracy	LR+	LR-
4-Year-Olds	63.95%	83%* (10/12)	90%** (45/50)	88% (55/62)	8.33*	0.19*
5-Year-Olds	68.78%	86%* (12/14)	92%** (46/50)	91% (58/64)	10.71**	0.16*
6-Year-Olds	84.04%	82%* (9/11)	90%** (45/50)	89% (54/61)	8.18*	0.20*
7-Year-Olds	85.97%	92%** (12/13)	88%* (44/50)	87% (56/63)	7.69*	0.09**
8-Year-Olds	91.46%	88%* (15/17)	84%* (42/50)	85% (57/67)	5.51*	0.14*
9-Year-Olds	89.55%	90%** (9/10)	84%* (42/50)	85% (51/60)	5.63*	0.12*

Note: $-1 SD$ = mean - 1 standard deviation (e.g., at age 4, $78.82\% - 1 \times 14.87\% = 63.95\%$).

Table 5.2. Indices of diagnostic accuracy for PGU by age using $-1.25 SD$ as the cutoff score.

Age Level	Cut-off ($-1.25 SD$)	Sensitivity	Specificity	Overall Accuracy	LR+	LR-
4-Year-Olds	60.23%	83%* (10/12)	96%** (48/50)	94% (58/62)	20.83**	0.17*
5-Year-Olds	65.02%	71% (10/14)	92%** (46/50)	88% (56/64)	8.92*	0.31
6-Year-Olds	82.39%	73% (8/11)	90%** (45/50)	87% (53/61)	7.27*	0.30
7-Year-Olds	84.50%	85%* (11/13)	88%* (44/50)	87% (56/63)	7.05*	0.17*
8-Year-Olds	90.59%	76% (13/17)	90%** (45/50)	87% (58/67)	7.64*	0.26
9-Year-Olds	88.49%	90%** (9/10)	88%* (44/50)	88% (53/60)	7.50*	0.11*

Note: $-1.25 SD$ = mean - 1.25 standard deviations (e.g., at age 4, $78.82\% - 1.25 \times 14.87\% = 60.23\%$).

Table 5.3. Indices of diagnostic accuracy for PGU by age using -1.5 *SD* as the cutoff score.

Age Level	Cut-off (-1.5 <i>SD</i>)	Sensitivity	Specificity	Overall Accuracy	LR+	LR-
4-Year-Olds	56.52%	83%* (10/12)	96%** (48/50)	94% (58/62)	20.83**	0.17*
5-Year-Olds	61.27%	57% (8/14)	96%** (48/50)	88% (56/64)	14.29**	0.45
6-Year-Olds	80.74%	73% (8/11)	94%** (47/50)	90% (55/61)	12.12**	0.29
7-Year-Olds	83.03%	85%* (11/13)	88%* (44/50)	87% (55/63)	8.46*	0.17*
8-Year-Olds	89.72%	76% (13/17)	92%** (46/50)	88% (59/67)	9.56*	0.26
9-Year-Olds	87.43%	60%** (6/10)	92%* (46/50)	87% (52/60)	7.50*	0.43

Note: -1.5 *SD* = mean - 1.5 standard deviations (e.g., at age 4, 78.82% - 1.5*14.87% = 56.52%).

Table 5.4. Indices of diagnostic accuracy for PGU by age using -2 *SD* as the cutoff score.

Age Level	Cut-off (-2 <i>SD</i>)	Sensitivity ^b	Specificity	Overall Accuracy	LR+ ^a	LR-
4-Year-Olds	49.08%	83%* (10/12)	96%** (48/50)	94% (58/62)	20.83**	0.17*
5-Year-Olds	53.75%	36% (5/14)	96%** (48/50)	83% (53/64)	8.92*	0.67
6-Year-Olds	77.44%	64% (7/11)	96%** (48/50)	90% (55/61)	15.91**	0.38
7-Year-Olds	80.08%	69% (9/13)	94%** (47/50)	87% (56/63)	11.54**	0.33
8-Year-Olds	87.98%	76% (13/17)	96%** (48/50)	91% (61/67)	19.11**	0.26
9-Year-Olds	88.49%	90%** (9/10)	88%* (44/50)	88% (53/60)	7.50*	0.11*

Note: -2 *SD* = mean - 2 standard deviations (e.g., at age 4, 78.82% - 2*14.87% = 49.08%).