Alternate Forms Reliability

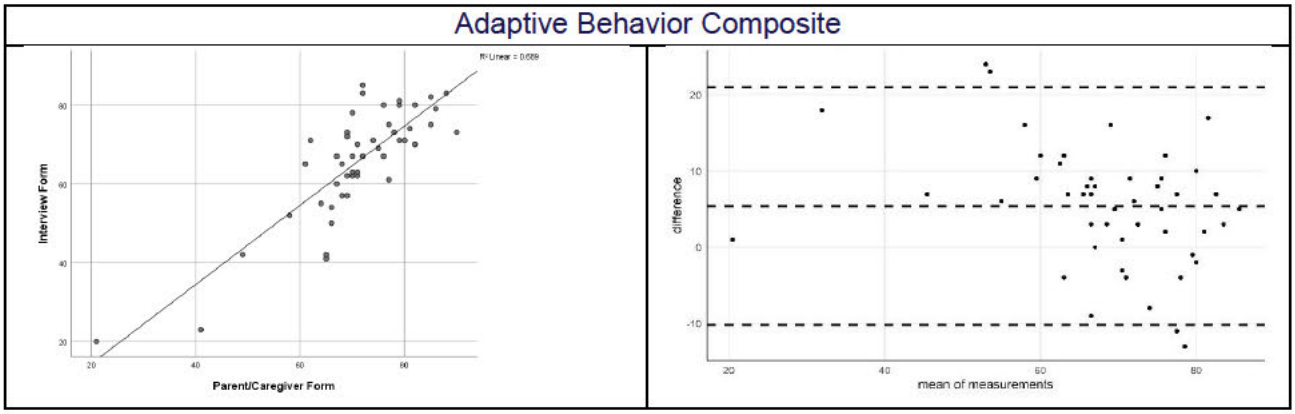
Table 93. Pearson Correlations, Paired T-Tests and Limits of Agreement between Vineland-3 *Parent/Caregiver* and *Interview Forms* for the Autism Sub-sample

		Pearson Correlations	Dependent T-Tests (Paired Samples)			95% Limits of Agreement (LOA)		
Domain	***n***	***r***	**T-Value**	**Mean Form**	**Mean Interview**	**Mean Difference**	**Lower LOA**	**Upper LOA**
Adaptive Behavior Composite	48	0.83**	4.69**	70.88	65.48	5.40	-10.23	21.02
Communication	48	0.76**	4.64**	73.21	65.00	8.21	-15.84	32.25
Daily Living skills	48	0.72**	1.16	73.60	71.50	2.10	-22.58	26.79
Socialization	48	0.68**	3.22**	67.92	61.67	6.25	-20.08	32.58
Motor	27	0.50**	1.28	84.56	80.70	3.85	-26.74	34.45
Maladaptive Behavior (Internalizing)	47	0.80**	-5.85**	20.77	21.71	-0.96	-3.16	1.24
Maladaptive Behavior (Externalizing)	47	0.80**	-2.58*	19.21	19.73	-0.55	-3.44	2.33

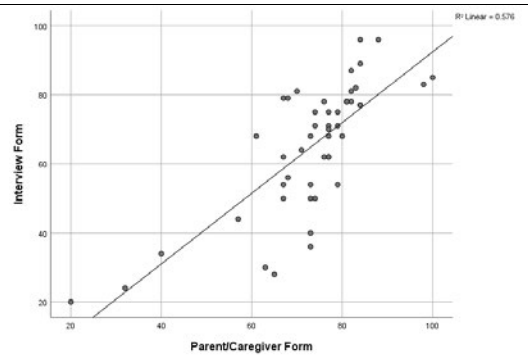
**. Correlation is significant at the 0.01 level (2-tailed)

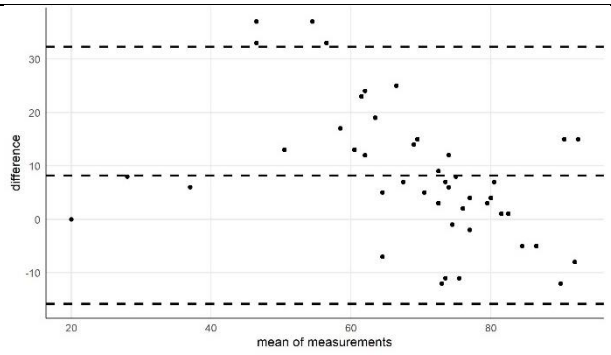
Note. Between .50 to .75 = moderate (orange); Above .75 = good (green); Non-significant t-values indicate no difference (green).

Figure 6. Correlation Scatter Plots (Left) and Bland-Altman plot with 95% Limits of Agreement (Right) between Vineland-3 *Parent/Caregiver* and *Interview Forms* for the Autism Sub-sample

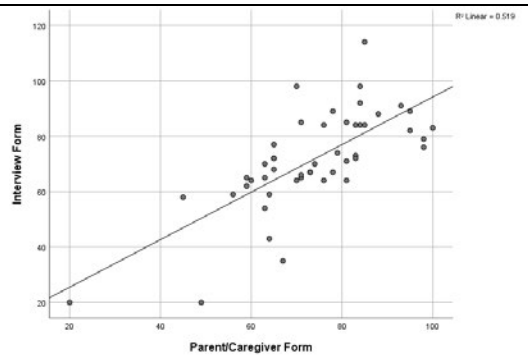


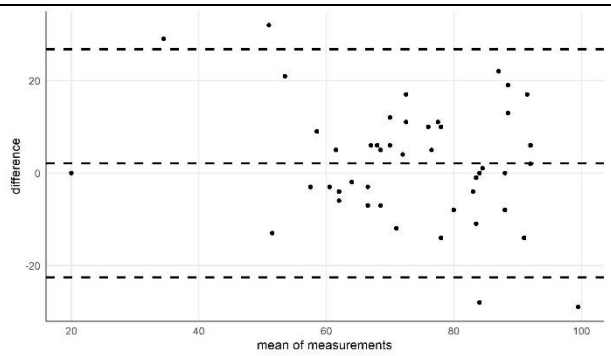
Communication



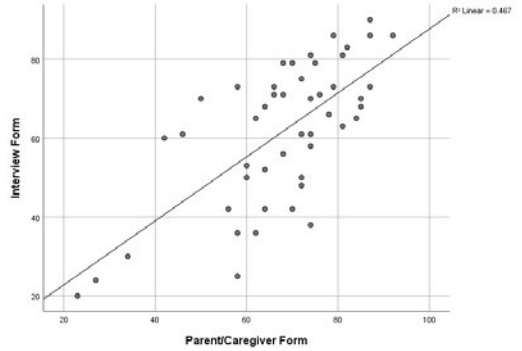


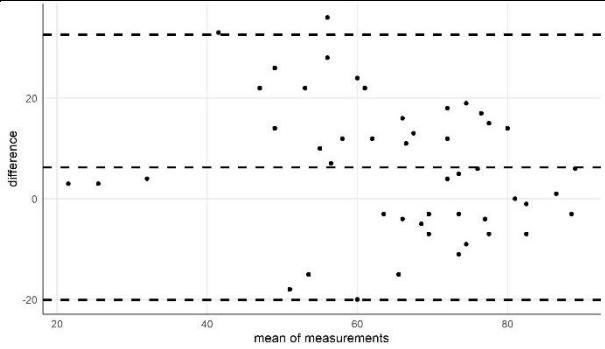
Daily Living Skills



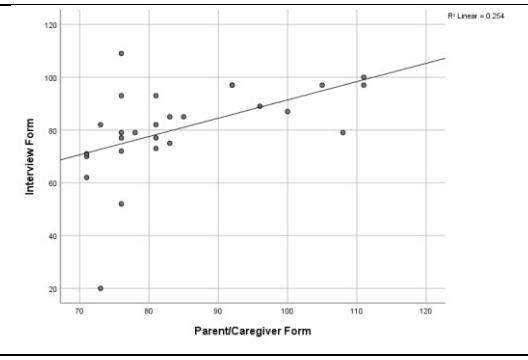


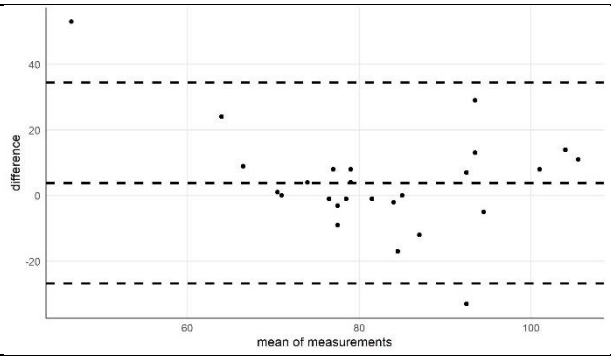
Socialization



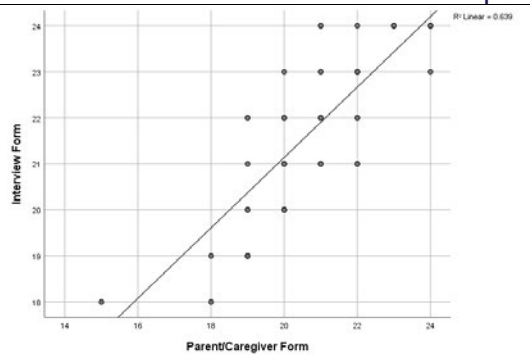


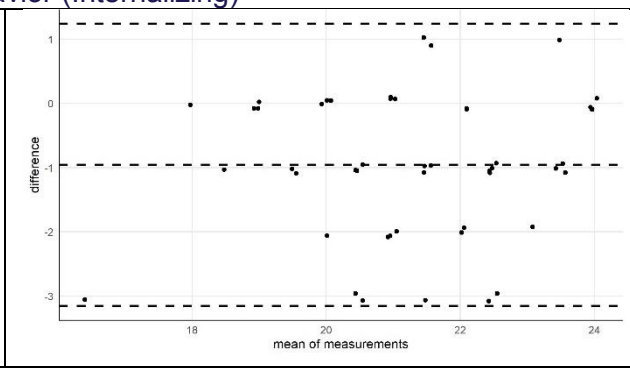
Motor



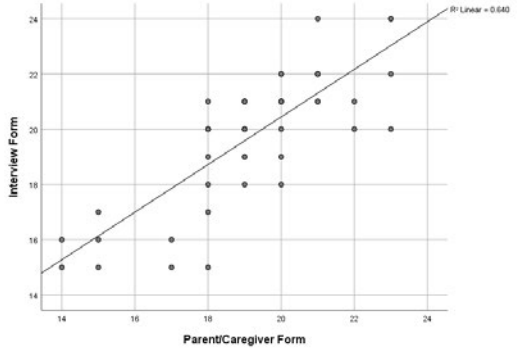


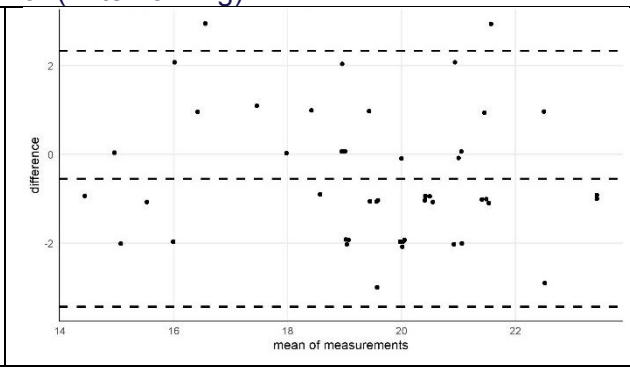
Maladaptive Behavior (Internalizing)





Maladaptive Behavior (Externalizing)





Tables 94 – 103. Classification Comparison between the Vineland-3 *Parent/Caregiver* and *Interview Forms* for the various domains according to the categories described in the manual (left hand column) and the categories used by the NDIA (right hand column) for the Autism Sub-sample

Table 94. Vineland-3 Adaptive Behavior Domain – Manual Categories

		Interview Form					
		High	Moderately high	Adequate	Moderately low	Low	Total
Parent/ Caregiver Form	High	0	0	0	0	0	0
	Moderately high	0	0	0	0	0	0
	Adequate	0	0	0	3	0	3
	Moderately low	0	0	0	14	8	22
	Low	0	0	0	4	19	23
	Total	0	0	0	21	27	48

Note. 69% = Consistent Categories; 8% = Inconsistent Categories - Lower level of functioning according to Parent/Caregiver Form; 23% = Inconsistent Categories - Lower level of functioning according to Interview.

Table 95. Vineland-3 Communication Domain – Manual Categories

		Interview Form					
		High	Moderately high	Adequate	Moderately low	Low	Total
Parent/ Caregiver Form	High	0	0	0	0	0	0
	Moderately high	0	0	0	0	0	0
	Adequate	0	0	1	2	0	3
	Moderately low	0	0	3	14	14	31
	Low	0	0	0	3	11	14
	Total	0	0	4	19	25	48

Note. 54% = Consistent Categories; 13% = Inconsistent Categories - Lower level of functioning according to Parent/Caregiver Form; 33% = Inconsistent Categories - Lower level of functioning according to Interview.

Table 99. Vineland-3 Adaptive Behavior Domain – NDIA Categories

		Interview Form					
		Above 1.49 SD Below	1.50-1.99 SD Below	2.00-2.49 SD Below	2.50-2.99 SD Below	3 SD Below or Less	Total
Parent/ Caregiver Form	Above 1.49 SD Below	6	6	1	0	0	13
	1.50-1.99 SD Below	3	2	5	2	0	12
	2.00-2.49 SD Below	1	2	4	5	5	17
	2.50-2.99 SD Below	0	1	1	0	1	3
	3 SD Below or Less	0	0	0	0	3	3
	Total	10	11	11	7	9	48

Note. 31% = Consistent Categories; 17% = Inconsistent Categories - Lower level of functioning according to Parent/Caregiver Form; 52% = Inconsistent Categories - Lower level of functioning according to Interview.

Table 100. Vineland-3 Communication Domain – NDIA Categories

		Interview Form					
		Above 1.49 SD Below	1.50-1.99 SD Below	2.00-2.49 SD Below	2.50-2.99 SD Below	3 SD Below or Less	Total
Parent/ Caregiver Form	Above 1.49 SD Below	11	4	1	0	1	17
	1.50-1.99 SD Below	1	4	4	3	5	17
	2.00-2.49 SD Below	3	0	0	2	4	9
	2.50-2.99 SD Below	0	0	1	0	1	2
	3 SD Below or Less	0	0	0	0	3	3
	Total	15	8	6	5	14	48

Note. 38% = Consistent Categories; 10% = Inconsistent Categories - Lower level of functioning according to Parent/Caregiver Form; 52% = Inconsistent Categories - Lower level of functioning according to Interview.

Table 96. Vineland-3 Daily living skills Domain – Manual Categories

		Interview Form					
		High	Moderately high	Adequate	Moderately low	Low	Total
Parent/ Caregiver Form	High	0	0	0	0	0	0
	Moderately high	0	0	0	0	0	0
	Adequate	0	0	3	4	0	7
	Moderately low	0	0	4	10	8	22
	Low	0	0	1	3	15	19
	Total	0	0	8	17	23	48

Note. 58% = Consistent Categories; 17% = Inconsistent Categories - Lower level of functioning according to Parent/Caregiver Form; 25% = Inconsistent Categories - Lower level of functioning according to Interview.

Table 97. Vineland-3 Socialization Domain – Manual Categories

		Interview Form					
		High	Moderately high	Adequate	Moderately low	Low	Total
Parent/ Caregiver Form	High	0	0	0	0	0	0
	Moderately high	0	0	0	0	0	0
	Adequate	0	0	3	1	0	4
	Moderately low	0	0	1	7	12	20
	Low	0	0	0	6	18	24
	Total	0	0	4	14	30	48

Note. 58% = Consistent Categories; 15% = Inconsistent Categories - Lower level of functioning according to Parent/Caregiver Form; 27% = Inconsistent Categories - Lower level of functioning according to Interview.

Table 101. Vineland-3 Daily living skills Domain – NDIA Categories

		Interview Form					
		Above 1.49 SD Below	1.50-1.99 SD Below	2.00-2.49 SD Below	2.50-2.99 SD Below	3 SD Below or Less	Total
Parent/ Caregiver Form	Above 1.49 SD Below	14	5	2	0	0	21
	1.50-1.99 SD Below	2	0	6	0	0	8
	2.00-2.49 SD Below	1	3	4	1	3	12
	2.50-2.99 SD Below	0	0	2	2	0	4
	3 SD Below or Less	0	0	0	1	2	3
	Total	17	8	14	4	5	48

Note. 46% = Consistent Categories; 19% = Inconsistent Categories - Lower level of functioning according to Parent/Caregiver Form; 35% = Inconsistent Categories - Lower level of functioning according to Interview.

Table 102. Vineland-3 Socialization Domain – NDIA Categories

		Interview Form					
		Above 1.49 SD Below	1.50-1.99 SD Below	2.00-2.49 SD Below	2.50-2.99 SD Below	3 SD Below or Less	Total
Parent/ Caregiver Form	Above 1.49 SD Below	6	2	5	0	0	13
	1.50-1.99 SD Below	2	2	1	3	3	11
	2.00-2.49 SD Below	2	3	1	1	3	10
	2.50-2.99 SD Below	0	1	1	0	6	8
	3 SD Below or Less	0	0	1	2	3	6
	Total	10	8	9	6	15	48

Note. 25% = Consistent Categories; 25% = Inconsistent Categories - Lower level of functioning according to Parent/Caregiver Form; 50% = Inconsistent Categories - Lower level of functioning according to Interview.

Table 98. Vineland-3 Motor Domain – Manual Categories

		Interview Form					
		High	Moderately high	Adequate	Moderately low	Low	Total
Parent/ Caregiver Form	High	0	0	0	0	0	0
	Moderately high	0	0	0	0	0	0
	Adequate	0	0	7	1	0	8
	Moderately low	0	0	3	12	4	19
	Low	0	0	0	0	0	0
	Total	0	0	10	13	4	27

Note. 70% = Consistent Categories; 11% = Inconsistent Categories - Lower level of functioning according to Parent/Caregiver Form; 19% = Inconsistent Categories - Lower level of functioning according to Interview.

Table 103. Vineland-3 Motor Domain – NDIA Categories

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		Interview Form					
		Above 1.49 SD Below	1.50-1.99 SD Below	2.00-2.49 SD Below	2.50-2.99 SD Below	3 SD Below or Less	Total
Parent/ Caregiver Form	Above 1.49 SD Below	13	3	0	0	0	16
	1.50-1.99 SD Below	4	3	1	1	2	11
	2.00-2.49 SD Below	0	0	0	0	0	0
	2.50-2.99 SD Below	0	0	0	0	0	0
	3 SD Below or Less	0	0	0	0	0	0
	Total	17	6	1	1	2	27

Note. 59% = Consistent Categories; 15% = Inconsistent Categories - Lower level of functioning according to Parent/Caregiver Form; 26% = Inconsistent Categories - Lower level of functioning according to Interview.

Table 104. Classification Comparison between Vineland-3 Maladaptive Behavior (Internalizing) Domain *Parent/Caregiver* and *Interview Forms* (Manual Categories) for the Autism Sub-sample

		Interview Form			
		Average	Elevated	Clinically Significant	Total
Parent/ Caregiver Form	Average	0	1	0	1
	Elevated	0	10	10	20
	Clinically Significant	0	0	26	26
	Total	0	11	36	47

Note. 77% = Consistent Categories; 0% = Inconsistent Categories - More concerns according to *Parent/Caregiver* Form; 23% = Inconsistent Categories - More concerns according to Interview.

Table 105. Classification Comparison between Vineland-3 Maladaptive Behavior (Externalizing) Domain *Parent/Caregiver* and *Interview Forms* (Manual Categories) for the Autism Sub-sample

		Interview Form			
		Average	Elevated	Clinically Significant	Total
Parent/ Caregiver Form	Average	7	0	0	7
	Elevated	2	14	12	28
	Clinically Significant	0	2	10	12
	Total	9	16	22	47

Note. 66% = Consistent Categories; 9% = Inconsistent Categories - More concerns according to *Parent/Caregiver* Form; 26% = Inconsistent Categories - More concerns according to Interview.

Table 106. Pearson Correlations, Paired T-Tests and Limits of Agreement between Vineland-3 *Parent/Caregiver* and *Interview Form*s for the Autism Sub-sample by Severity Level

Level 1: Requiring support

Social Communication

Domain	*n*	Pearson Correlations *r*	Dependent T-Tests (Paired Samples) T-Value	Mean Form	Mean Interview	95% Limits of Agreement (LOA) Mean Difference	Lower LOA	Upper LOA
Adaptive behavior composite	12	0.92**	6.17**	75 25	67.50	7.75	-1.18	15.95
Communication	12	0.79**	3.81**	79 33	70.25	9.08	-6.43	24.58
Daily living skills	12	0.85**	1.45	77.42	74.67	2.75	-11.41	15.41
Socialisation	12	0.75**	3.68**	73.67	59.50	14.17	-11.17	39.02
Motor	7							
Maladap ive behavior (internalising)	11	0.82**	-1 08	20 91	21.25	-0.34	-2.54	1.71
Maladap ive behavior (externalising)	11	0.79**	-0 86	19 36	19.67	-0.30	-4.25	2.91

**. Correlation is significant at the 0.01 level (2-tailed)
Note. Below .50 = poor (pink); Betw een .50 to .75 = moderate (orange); Above .75 = good (green); Non-significant t-values indicate no difference (green).

Restricted, Repetitive Behaviours

Domain	*n*	Pearson Correlations *r*	Dependent T-Tests (Paired Samples) T-Value	Mean Form	Mean Interview	95% Limits of Agreement (LOA) Mean Difference	Lower LOA	Upper LOA
Adaptive behavior composite	16	0.80**	3.98**	74.69	68.38	6.31	-6.12	18.74
Communication	16	0.73**	3.07**	77.94	68.88	9.06	-14.05	32.17
Daily living skills	16	0.56*	0.49	76.31	74.94	1.38	-20.59	23.34
Socialisation	16	0.70**	3.08**	74.00	63.56	10.44	-16.16	37.03
Motor	9							
Maladaptive behavior (internalising)	15	0.77**	-1.38	20.80	21.19	-0.39	-2.60	1 80
Maladaptive behavior (externalising)	15	0.80**	-1.00	19.27	19.56	-0.30	-3.44	2.64

**. Correlation is significant at the 0.01 level (2-tailed)
Note. Below .50 = poor (pink); Betw een .50 to .75 = moderate (orange); Above .75 = good (green); Non-significant t-values indicate no difference (green).

Level 2: Requiring substantial support

		Pearson Correlations	Dependent T-Tests (Paired Samples)			95% Limits of Agreement (LOA)		
Domain	***n***	***r***	**T-Value**	**Mean Form**	**Mean Interview**	**Mean Difference**	**Lower LOA**	**Upper LOA**
Adaptive behavior composite	18	0.50*	1.40	72 56	69.94	2.61	-13.51	18.21
Communication	18	0.47	1.72	75 06	69.39	5.67	-22.47	33.88
Daily living skills	18	0.32	0.30	75.44	74.44	1.00	-27.42	27.54
Socialisation	18	0.55*	0.63	69.72	68.00	1.72	-21.85	24.91
Motor	14	0.67**	1.29	86 93	83.29	3.64	-17.89	25.27
Maladap ive behavior (internalising)	18	0.89**	-4.01**	20.72	21.67	-0.94	-2.96	0.96
Maladap ive behavior (externalising)	18	0.79**	-0.16	19 56	19.61	-0.06	-3.12	3.00

**. Correlation is significant at the 0.01 level (2-tailed)
Note. Below .50 = poor (pink); Betw een .50 to .75 = moderate (orange); Above .75 = good (green); Non-significant t-values indicate no difference (green).

		Pearson Correlations	Dependent T-Tests (Paired Samples)			95% Limits of Agreement (LOA)		
Domain	***n***	***r***	**T-Value**	**Mean Form**	**Mean Interview**	**Mean Difference**	**Lower LOA**	**Upper LOA**
Adaptive behavior composite	15	0.47	1.86	72.67	69.13	3.53	-11.01	17.54
Communication	15	0.42	1.99	74.93	68.80	6.13	-17.04	29.84
Daily living skills	15	0.46	1.06	76.67	73.33	3.33	-21.52	24.99
Socialisation	15	0.52*	0.72	69.13	66.80	2.33	-22.12	27.59
Motor	13	0.71**	1.42	85.00	80.85	4.15	-21.09	26.32
Maladaptive behavior (internalising)	15	0.89**	-4.75**	20.60	21.87	-1.27	-3 25	0 58
Maladaptive behavior (externalising)	15	0.75**	-0.31	19.53	19.67	-0.13	-3 94	3 27

**. Correlation is significant at the 0.01 level (2-tailed)
Note. Below .50 = poor (pink); Betw een .50 to .75 = moderate (orange); Above .75 = good (green); Non-significant t-values indicate no difference (green).

Level 3: Requiring very substantial support

Insufficient sample size

Insufficient sample size

Test-Retest Reliability

Table 107. Test-Retest Reliability (ICC) for Vineland-3 *Parent/Caregiver Form* between Assessment 1 and 2 for the Autism Sub-sample

Domain	ICC	*n*	Lower Bound	Upper Bound	F Value
Adaptive Behavior Composite	0.92 **	48	0.87	0.96	25.21
Communication	0.84 **	48	0.73	0.91	11.06
Daily Living Skills	0.94 **	48	0.90	0.97	38.12
Socialization	0.87 **	48	0.78	0.93	14.33
Motor	0.87 **	29	0.74	0.94	13.90
Maladaptive Behavior (Internalizing)	0.70 **	41	0.50	0.83	5.54
Maladaptive Behavior (Externalizing)	0.88 **	41	0.78	0.93	14.93

**Correlation is significant at the 0.01 level (2-tailed).
Note. Between .50 to .75 = moderate (orange); Between .75 to .90 = good (light green); Above .90 = excellent (dark green).

Table 108. Test-Retest Reliability (ICC) for the Vineland-3 *Parent/Caregiver Form* between Assessment 1 and 2 for the Autism Sub-sample by Severity Levels

Level 1: Requiring support

Social Communication

Domain	ICC	*n*	Lower Bound	Upper Bound	F Value
Adaptive behavior composite	0.91 **	13	0.55	0.98	34.30
Communication	0.93 **	13	0.78	0.98	28.12
Daily living skills	0.82 **	13	0.41	0.94	13.57
Socialisation	0.79 **	13	0.46	0.93	8.53
Motor		7			
Maladaptive behavior (internalising)	0.75 **	10	0.28	0.93	6.76
Maladaptive behavior (externalising)	0.89 **	10	0.64	0.97	16.86

Restricted, Repetitive Behaviours

Domain	ICC	*n*	Lower Bound	Upper Bound	F Value
Adaptive behavior composite	0.94 **	11	0.51	0.99	69.87
Communication	0.96 **	11	0.86	0.99	45.55
Daily living skills	0.88 **	11	0.47	0.97	23.38
Socialisation	0.88 **	11	0.59	0.97	20.54
Motor		6			
Maladaptive behavior (internalising)	0.64 *	10	0.03	0.90	4.21
Maladaptive behavior (externalising)	0.89 **	10	0.64	0.97	16.94

Level 2: Requiring substantial support

Social Communication

Domain	ICC	*n*	Lower Bound	Upper Bound	F Value
Adaptive behavior composite	0.86 **	19	0.67	0.94	12.69
Communication	0.69 **	19	0.36	0.87	5.44
Daily living skills	0.97 **	19	0.92	0.99	62.87
Socialisation	0.74 **	19	0.44	0.89	6.44
Motor	0.88 **	13	0.64	0.96	14.13
Maladaptive behavior (internalising)	0.66 **	16	0.24	0.87	4.58
Maladaptive behavior (externalising)	0.81 **	16	0.53	0.93	8.81

Restricted, Repetitive Behaviours

Domain	ICC	*n*	Lower Bound	Upper Bound	F Value
Adaptive behavior composite	0.89 **	26	0.76	0.95	16.18
Communication	0.71 **	26	0.45	0.86	5.77
Daily living skills	0.95 **	26	0.90	0.98	41.02
Socialisation	0.79 **	26	0.58	0.90	8.26
Motor	0.87 **	18	0.69	0.95	14.09
Maladaptive behavior (internalising)	0.6 **	21	0.23	0.82	3.88
Maladaptive behavior (externalising)	0.79 **	21	0.54	0.91	8.00

Level 3: Requiring very substantial support

Insufficient sample size

Insufficient sample size

**Correlation is significant at the 0.01 level (2-tailed).

Note. Below .50 = poor (pink); Between .50 to .75 = moderate (orange); Between .75 to .90 = good (light green); Above .90 = excellent (dark green).

Applicability

Table 109. Number and Proportion of Participants that Meet Criteria of at Least One Domain Score Rated at or Below Each Threshold of *SD*s Below the Mean for the Vineland-3 for the Autism Sub-sample

Threshold	**Vineland-3 *Parent/Caregiver Form* (Assessment 1)** *n*	**Vineland-3 *Interview Form* (Assessment 2b)** *n*
Total sample	110	80
1 *SD* below mean	107 (97%)	66 (100%)
1.5 *SD* below mean	91 (83%)	61 (92%)
2 *SD* below mean	72 (65%)	54 (82%)
2.5 *SD* below mean	40 (36%)	44 (67%)
3 *SD* below mean	20 (18%)	32 (48%)

Table 110. Number and Proportion of Participants that Meet Criteria of at Least One Domain Score Rated at or Below Each Threshold of *SD*s Below the Mean for the Vineland-3 for the Autism Sub-sample by Severity Level

	Vineland-3 *Parent/Caregiver Form* Assessment 1 (*n*) ASD - Social Communication Sub-sample					
	Level 1		Level 2		Level 3	
Total sample	32		38		17	
1 *SD* below mean	31	(97%)	36	(95%)	17	(100%)
1.5 *SD* below mean	25	(78%)	32	(84%)	16	(94%)
2 *SD* below mean	18	(56%)	26	(68%)	15	(88%)
2.5 *SD* below mean	13	(41%)	10	(26%)	10	(59%)
3 *SD* below mean	3	(9%)	4	(11%)	9	(53%)

	Vineland-3 *Parent/Caregiver Form* Assessment 1 (*n*) ASD - Restricted, Repetitive Behaviours Sub-sample					
	Level 1		Level 2		Level 3	
Total sample	34		43		10	
1 *SD* below mean	32	(94%)	42	(98%)	10	(100%)
1.5 *SD* below mean	27	(79%)	37	(86%)	9	(90%)
2 *SD* below mean	21	(62%)	29	(67%)	9	(90%)
2.5 *SD* below mean	12	(35%)	13	(30%)	8	(80%)
3 *SD* below mean	4	(12%)	4	(9%)	8	(80%)

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	Vineland-3 *Interview Form* Assessment 2b (*n*) ASD - Social Communication Sub-sample					
	Level 1		Level 2		Level 3	
Total sample	66		28		7	
1 *SD* below mean	66	(100%)	28	(100%)		
1.5 *SD* below mean	61	(92%)	26	(93%)		
2 *SD* below mean	54	(82%)	23	(82%)		
2.5 *SD* below mean	44	(67%)	18	(64%)		
3 *SD* below mean	32	(48%)	10	(36%)		

	Vineland-3 *Interview Form* Assessment 2b (*n*) ASD - Restricted, Repetitive Behaviours Sub-sample					
	Level 1		Level 2		Level 3	
Total sample	27		23		5	
1 *SD* below mean	27	(100%)	23	(100%)		
1.5 *SD* below mean	24	(89%)	23	(100%)		
2 *SD* below mean	19	(70%)	21	(91%)		
2.5 *SD* below mean	15	(56%)	17	(74%)		
3 *SD* below mean	13	(48%)	9	(39%)		

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Appendix F - Additional Psychometric Properties and Usability for other Disability Sub-samples

PEDI-CAT (ASD)

Alternate Forms Reliability

Table 111. Pearson Correlations, Paired T-Tests and Limits of Agreement between the PEDI-CAT (ASD) and PEDI-CAT (Original) for the ADHD Sub-sample

		Pearson Correlations	Dependent T-Tests (Paired Samples)			95% Limits of Agreement (LOA)		
Domain	***N***	***r***	**T-Value**	**Mean ASD**	**Mean Original**	**Mean Difference**	**Lower LOA**	**Upper LOA**
Research Composite	11	0.97**	0.46	31.35	31.00	0.35	-4.53	5.23
Daily Activities	11	0.95**	-1.41	30.23	31.95	-1.73	-9.67	6.21
Mobility	11	0.99**	-2.31*	32.59	34.82	-2.23	-8.51	4.05
Social/Cognitive	11	0.94**	1.78	29.55	27.32	2.23	-5.89	10.35
Responsibility	11	0.94**	0.50	34.27	33.73	0.55	-6.49	7.58

**Correlation is significant at the 0.01 level (2-tailed).
Note. Above .75 = good (green); Non-significant t-values indicate no difference (green).

Table 112. Pearson Correlations, Paired T-Tests and Limits of Agreement between the PEDI-CAT (ASD) and PEDI-CAT (Original) for the ID Sub-sample

		Pearson Correlations	Dependent T-Tests (Paired Samples)			95% Limits of Agreement (LOA)		
Domain	***n***	***r***	**T-Value**	**Mean ASD**	**Mean Original**	**Mean Difference**	**Lower LOA**	**Upper LOA**
Daily Activities	12	0.98**	2.28*	19.92	18.04	1.88	3.70	-7.45
Mobility	12	0.93**	0.65	18.88	17.88	1.00	9.48	-11.48
Social/Cognitive	12	0.82**	2.82*	23.96	17.08	6.88	9.69	-23.44
Responsibility	12	0.93**	-0.61	25.63	26.67	-1.04	12.63	-10.55

**Correlation is significant at the 0.01 level (2-tailed).
Note. Above .75 = good (green); Non-significant t-values indicate no difference (green).

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Test-Retest Reliability

Table 113. Test-Retest Reliability (ICC) for PEDI-CAT (ASD) between Assessment 1 and 2 for the ADHD Sub-sample

Domain	ICC	*n*	Lower Bound	Upper Bound	F Value
Research Composite	0.92 **	32	0.83	0.96	23.06
Daily Activities	0.88 **	32	0.77	0.94	15.87
Mobility	0.87 **	32	0.74	0.93	13.48
Social/Cognitive	0.91 **	32	0.82	0.95	20.44
Responsibility	0.86 **	32	0.74	0.93	13.90

**Correlation is significant at the 0.01 level (2-tailed).

Note. Below .50 = poor (pink); Between .50 to .75 = moderate (orange); Between .75 to .90 = good (light green); Above .90 = excellent (dark green).

Table 114. Test-Retest Reliability (ICC) for PEDI-CAT (ASD) between Assessment 1 and 2 for the Communication Disorders Sub-sample

Domain	ICC	*n*	Lower Bound	Upper Bound	F Value
Research Composite	0.96 **	31	0.91	0.98	44.82
Daily Activities	0.96 **	31	0.91	0.98	44.49
Mobility	0.92 **	31	0.84	0.96	23.72
Social/Cognitive	0.94 **	31	0.88	0.97	34.33
Responsibility	0.93 **	31	0.85	0.96	25.00

**Correlation is significant at the 0.01 level (2-tailed).

Note. Below .50 = poor (pink); Between .50 to .75 = moderate (orange); Between .75 to .90 = good (light green); Above .90 = excellent (dark green).

Table 115. Test-Retest Reliability (ICC) for PEDI-CAT (ASD) between Assessment 1 and 2 for the GDD Sub-sample

Domain	ICC	*n*	Lower Bound	Upper Bound	F Value
Research Composite	0.97 **	14	0.92	0.99	69.88
Daily Activities	0.95 **	14	0.86	0.98	39.44
Mobility	0.96 **	14	0.87	0.99	57.45
Social/Cognitive	0.97 **	14	0.90	0.99	62.84
Responsibility	0.91 **	14	0.76	0.97	22.11

**Correlation is significant at the 0.01 level (2-tailed).

Note. Below .50 = poor (pink); Between .50 to .75 = moderate (orange); Between .75 to .90 = good (light green); Above .90 = excellent (dark green).

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Table 116. Test-Retest Reliability (ICC) for PEDI-CAT (ASD) between Assessment 1 and 2 for the ID Sub-sample

Domain	ICC	*n*	Lower Bound	Upper Bound	F Value
Research Composite	0.97 **	23	0.93	0.99	61.23
Daily Activities	0.96 **	23	0.91	0.98	49.05
Mobility	0.97 **	23	0.94	0.99	75.11
Social/Cognitive	0.96 **	23	0.92	0.98	56.26
Responsibility	0.94 **	23	0.86	0.97	30.18

**Correlation is significant at the 0.01 level (2-tailed).
Note. Below .50 = poor (pink); Between .50 to .75 = moderate (orange); Between .75 to .90 = good (light green); Above .90 = excellent (dark green).

Table 117. Test-Retest Reliability (ICC) for PEDI-CAT (ASD) between Assessment 1 and 2 for the Motor Disorder Sub-sample

Domain	ICC	*n*	Lower Bound	Upper Bound	F Value
Research Composite	0.96 **	13	0.88	0.99	48.80
Daily Activities	0.94 **	13	0.83	0.98	32.58
Mobility	0.98 **	13	0.92	0.99	85.92
Social/Cognitive	0.95 **	13	0.86	0.99	41.16
Responsibility	0.88 **	13	0.67	0.96	15.65

**Correlation is significant at the 0.01 level (2-tailed).
Note. Below .50 = poor (pink); Between .50 to .75 = moderate (orange); Between .75 to .90 = good (light green); Above .90 = excellent (dark green).

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Concurrent Validity - Vineland-3 *Parent/Caregiver Form*

Table 118. Assessment 1 Correlations between PEDI-CAT (ASD) and Vineland-3 (*Parent/Caregiver Form*) for the ADHD Sub-sample

	Vineland-3 (*Parent/Caregiver Form*) Domain						
PEDI-CAT (ASD) Domain	Adaptive Behavior Composite	Communication	Daily Living Skills	Socialization	Motor	Maladaptive Behavior (Internalizing)	Maladaptive Behavior (Externalizing)
Research Composite	**0.76****	0.69**	0.77**	0.68**	0.63**	-0.38*	-0.05
Daily Activities	0.61**	0.54**	**0.63****	0.56**	0.58**	-0.43**	-0.17
Mobility	0.52**	0.37*	0.50**	0.57**	**0.65****	-0.33*	-0.16
Social/Cognitive	0.70**	**0.69****	0.63**	**0.65****	0.59**	-0.31	-0.03
Responsibility	0.74**	0.64**	**0.81****	0.62**	0.46*	-0.26	0.09

**Correlation is significant at the 0.01 level (2-tailed).
Note. Below .50 = poor (pink); Between .50 to .75 = moderate (orange); Above .75 = good (green).
n = 20 for relationships involving the Vineland-3 motor domain; *n* = 40 for relationships involving the Vineland-3 maladaptive scales; *n* = 41 for all other relationships.

Table 119. Assessment 1 Correlations between PEDI-CAT (ASD) and Vineland-3 (*Parent/Caregiver Form*) for the Communication Disorder Sub-sample

	Vineland-3 (*Parent/Caregiver Form*) Domain						
PEDI-CAT (ASD) Domain	Adaptive Behavior Composite	Communication	Daily Living Skills	Socialization	Motor	Maladaptive Behavior (Internalizing)	Maladaptive Behavior (Externalizing)
Research Composite	**0.82****	0.72**	0.82**	0.83**	0.57**	-0.45**	-0.36*
Daily Activities	0.69**	0.57**	**0.71****	0.71**	0.52**	-0.50**	-0.39*
Mobility	0.70**	0.58**	0.71**	0.73**	**0.54****	-0.45**	-0.48**
Social/Cognitive	0.82**	**0.76****	0.78**	**0.83****	0.56**	-0.38*	-0.31
Responsibility	0.82**	0.71**	**0.85****	0.81**	0.48*	-0.37*	-0.32

**Correlation is significant at the 0.01 level (2-tailed).
Note. Below .50 = poor (pink); Between .50 to .75 = moderate (orange); Above .75 = good (green).
n = 25 for relationships involving the Vineland-3 motor domain; *n* = 34 for relationships involving the Vineland-3 maladaptive scales; *n* = 36 for all other relationships.

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Table 120. Assessment 1 Correlations between PEDI-CAT (ASD) and Vineland-3 (*Parent/Caregiver Form*) for the GDD Sub-sample

	Vineland-3 (*Parent/Caregiver Form*) Domain						
PEDI-CAT (ASD) Domain	Adaptive Behavior Composite	Communication	Daily Living Skills	Socialization	Motor	Maladaptive Behavior (Internalizing)	Maladaptive Behavior (Externalizing)
Research Composite	**0.86****	0.71**	0.82**	0.87**	0.69**	-0.17	0.08
Daily Activities	0.69**	0.51*	**0.64****	0.75**	0.40	-0.28	-0.02
Mobility	0.73**	0.61**	0.71**	0.73**	**0.70****	-0.22	0.00
Social/Cognitive	0.84**	**0.76****	0.77**	**0.85****	0.78**	-0.17	0.03
Responsibility	0.89**	0.74**	**0.89****	0.84**	0.64**	-0.01	0.24

**Correlation is significant at the 0.01 level (2-tailed).
Note. Below .50 = poor (pink); Between .50 to .75 = moderate (orange); Above .75 = good (green).
n = 16 for relationships involving the Vineland-3 motor domain; *n* = 18 for relationships involving the Vineland-3 maladaptive scales; *n* = 20 for all other relationships.

Table 121. Assessment 1 Correlations between PEDI-CAT (ASD) and Vineland-3 (*Parent/Caregiver Form*) for the ID Sub-sample

	Vineland-3 (*Parent/Caregiver Form*) Domain						
PEDI-CAT (ASD) Domain	Adaptive Behavior Composite	Communication	Daily Living Skills	Socialization	Motor	Maladaptive Behavior (Internalizing)	Maladaptive Behavior (Externalizing)
Research Composite	**0.87****	0.78**	0.87**	0.81**	0.60**	-0.39*	-0.11
Daily Activities	0.77**	0.67**	**0.79****	0.69**	0.55*	-0.33	-0.15
Mobility	0.75**	0.64**	0.76**	0.73**	**0.59***	-0.27	-0.26
Social/Cognitive	0.82**	**0.78****	0.78**	**0.80****	0.61**	-0.33	-0.04
Responsibility	0.84**	0.74**	**0.85****	0.79**	0.38	-0.41*	-0.1

**Correlation is significant at the 0.01 level (2-tailed).
Note. Below .50 = poor (pink); Between .50 to .75 = moderate (orange); Above .75 = good (green).
n = 16 for relationships involving the Vineland-3 motor domain; *n* = 26 for relationships involving the Vineland-3 maladaptive scales; *n* = 27 for all other relationships.

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Table 122. Assessment 1 Correlations between PEDI-CAT (ASD) and Vineland-3 (*Parent/Caregiver Form*) for the Motor Disorder Sub-sample

	Vineland-3 (*Parent/Caregiver Form*) Domain						
PEDI-CAT (ASD) Domain	Adaptive Behavior Composite	Communication	Daily Living Skills	Socialization	Motor	Maladaptive Behavior (Internalizing)	Maladaptive Behavior (Externalizing)
Research Composite	**0.79****	0.65**	0.77**	0.82**	0.61*	-0.38	-0.51*
Daily Activities	0.59**	0.41	**0.58****	0.66**	0.48	-0.48*	-0.56*
Mobility	0.61**	0.42	0.60**	0.69**	**0.63***	-0.47*	-0.59*
Social/Cognitive	0.82**	**0.73****	0.73**	**0.86****	0.59*	-0.31	-0.42
Responsibility	0.80**	0.68**	**0.85****	0.76**	0.58*	-0.22	-0.41

**Correlation is significant at the 0.01 level (2-tailed).
Note. Below .50 = poor (pink); Between .50 to .75 = moderate (orange); Above .75 = good (green).
n = 12 for relationships involving the Vineland-3 motor domain; *n* = 16 for relationships involving the Vineland-3 maladaptive scales; *n* = 17 for all other relationships.

Concurrent Validity - Vineland-3 *Interview Form*

Table 123. Assessment 2b Correlations between PEDI-CAT (ASD) and Vineland-3 (*Interview Form*) for the ADHD Sub-sample

	Vineland-3 (*Interview Form*) Domain						
PEDI-CAT (ASD) Domain	Adaptive Behavior Composite	Communication	Daily Living Skills	Socialization	Motor	Maladaptive Behavior (Internalizing)	Maladaptive Behavior (Externalizing)
Research Composite	0.78**	0.69**	0.74**	0.61**		-0.18	0.06
Daily Activities	0.72**	0.68**	0.73**	0.48*		-0.25	0.03
Mobility	0.46*	0.37	0.49*	0.35		-0.41*	0.12
Social/Cognitive	0.63**	0.51*	0.54**	0.57**		-0.08	-0.18
Responsibility	0.77**	0.69**	0.73**	0.61**		-0.16	0.34

** Correlation is significant at the 0.01 level (2-tailed); * Correlation is significant at the 0.05 level (2-tailed).
Note. Below .50 = poor (pink); Between .50 to .75 = moderate (orange); Above .75 = good (green).
n = 9 for relationships involving the Vineland-3 motor domain; *n* = 22 for all other relationships.

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Table 124. Assessment 2b Correlations between PEDI-CAT (ASD) and Vineland-3 (*Interview Form*) for the Communication Disorder Sub-sample

	Vineland-3 (*Interview Form*) Domain						
PEDI-CAT (ASD) Domain	Adaptive Behavior Composite	Communication	Daily Living Skills	Socialization	Motor	Maladaptive Behavior (Internalizing)	Maladaptive Behavior (Externalizing)
Research Composite	0.85**	0.87**	0.77**	0.80**	0.71**	0.11	0.00
Daily Activities	0.74**	0.74**	0.73**	0.67**	0.75**	0.03	0.11
Mobility	0.71**	0.65**	0.75**	0.62**	0.65*	0.07	-0.06
Social/Cognitive	0.78**	0.85**	0.66**	0.76**	0.66*	0.19	0.01
Responsibility	0.90**	0.89**	0.82**	0.87**	0.55*	0.09	-0.12

** Correlation is significant at the 0.01 level (2-tailed); * Correlation is significant at the 0.05 level (2-tailed).
Note. Below .50 = poor (pink); Between .50 to .75 = moderate (orange); Above .75 = good (green).
n = 12 for relationships involving the Vineland-3 motor domain; *n* = 64 for all other relationships.

Table 125. Assessment 2b Correlations between PEDI-CAT (ASD) and Vineland-3 (*Interview Form*) for the GDD Sub-sample

	Vineland-3 (*Interview Form*) Domain						
PEDI-CAT (ASD) Domain	Adaptive Behavior Composite	Communication	Daily Living Skills	Socialization	Motor	Maladaptive Behavior (Internalizing)	Maladaptive Behavior (Externalizing)
Research Composite	0.93**	0.81**	0.87**	0.85**		-0.05	-0.10
Daily Activities	0.85**	0.80**	0.78**	0.76**		-0.04	-0.09
Mobility	0.82**	0.62*	0.77**	0.83**		-0.11	-0.08
Social/Cognitive	0.91**	0.82**	0.86**	0.83**		-0.07	-0.17
Responsibility	0.94**	0.75**	0.91**	0.90**		-0.03	-0.03

** Correlation is significant at the 0.01 level (2-tailed); * Correlation is significant at the 0.05 level (2-tailed).
Note. Below .50 = poor (pink); Between .50 to .75 = moderate (orange); Above .75 = good (green).
n = 7 for relationships involving the Vineland-3 motor domain; *n* = 10 for all other relationships.

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