



Autism Spectrum Rating Scales (6-18 Years) Parent Ratings

By Sam Goldstein, Ph.D. & Jack A. Naglieri, Ph.D.

Progress Monitoring Report

Youth's Name/ID: Joey D

Gender: Male

Birth Date: January 02, 1999

DSM Scoring Option: DSM-5

	Administration 1	Administration 2	Administration 3
Youth's Name/ID:	Joey D	Joey D	Joey D
Administration Date:	Jul 02, 2009	Nov 02, 2009	Mar 02, 2010
Age:	10 years	10 years	11 years
Grade:	5	5	5
Rater's Name/ID:	Mrs. D	Mrs. D	Mrs. D
Assessor's Name:	Dr. G	Dr. G	Dr. G
Data Entered By:	Maria	Maria	Maria

This Progress Monitoring Report is intended for use by qualified assessors only.



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ver. 1.3

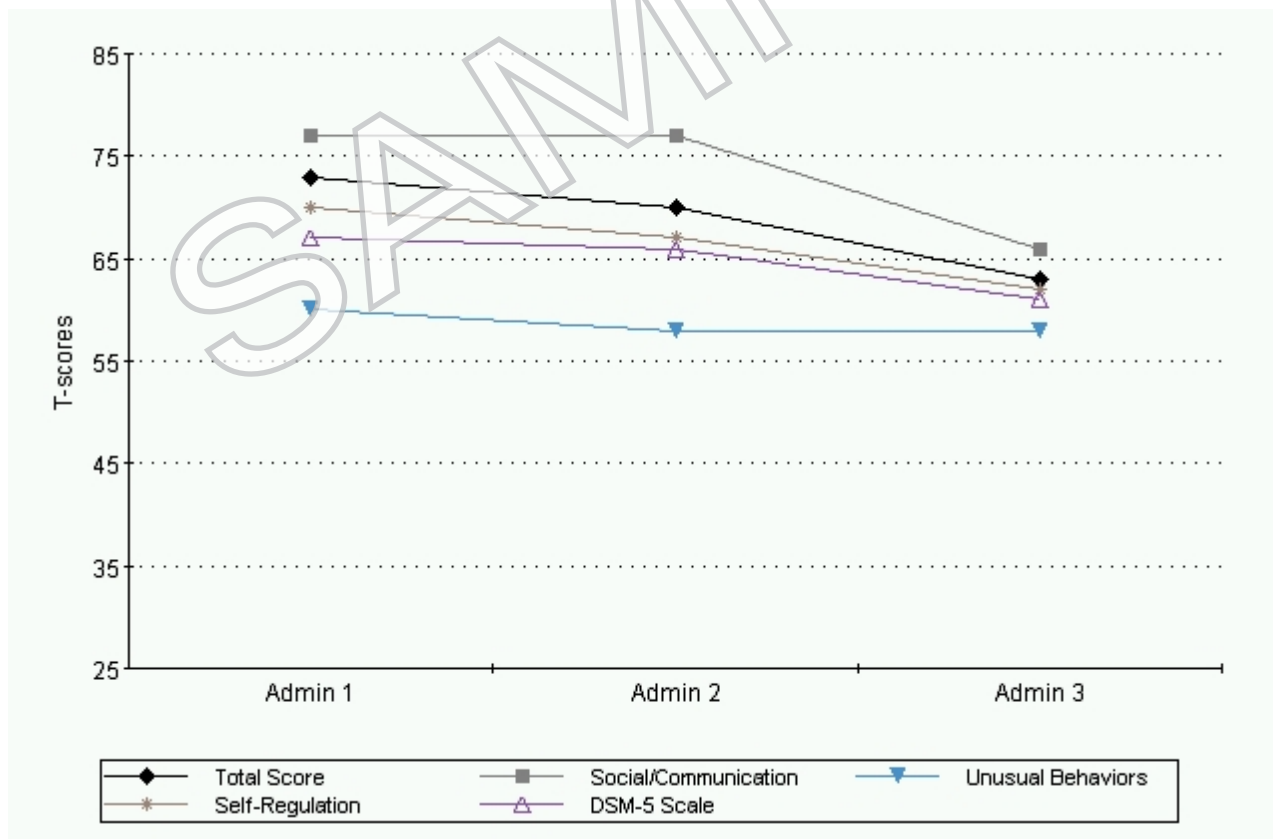
Overview

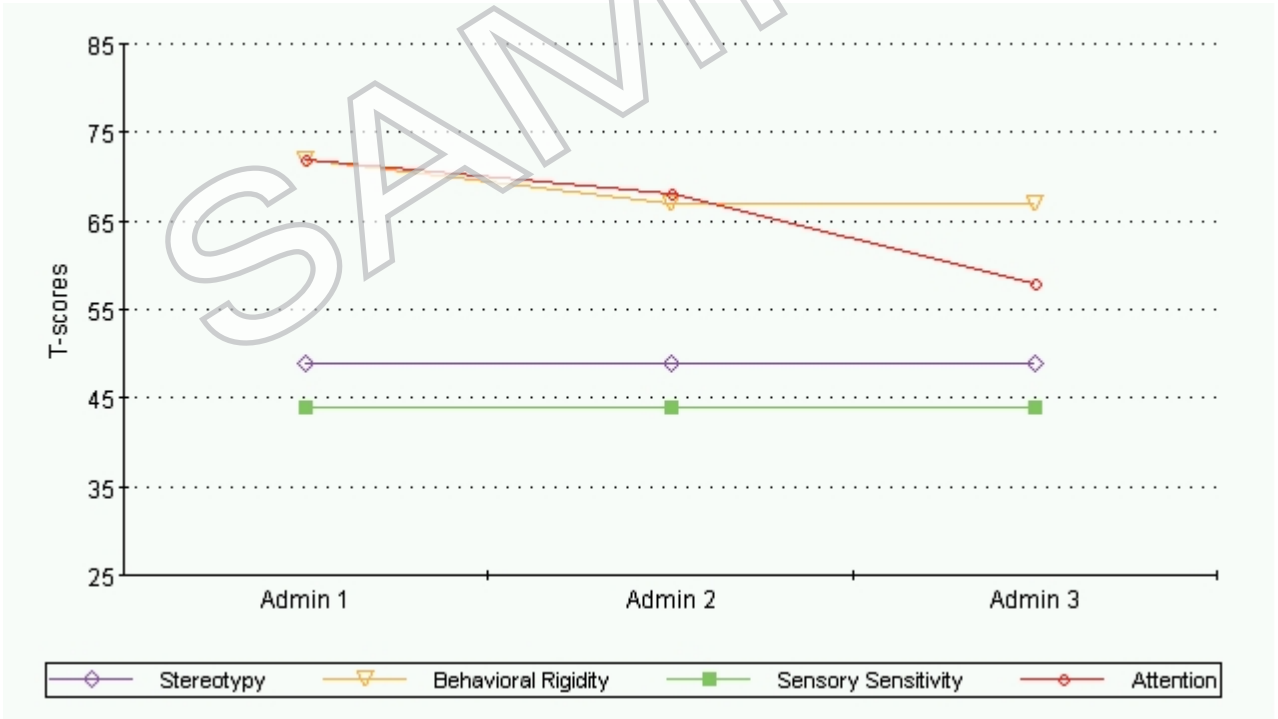
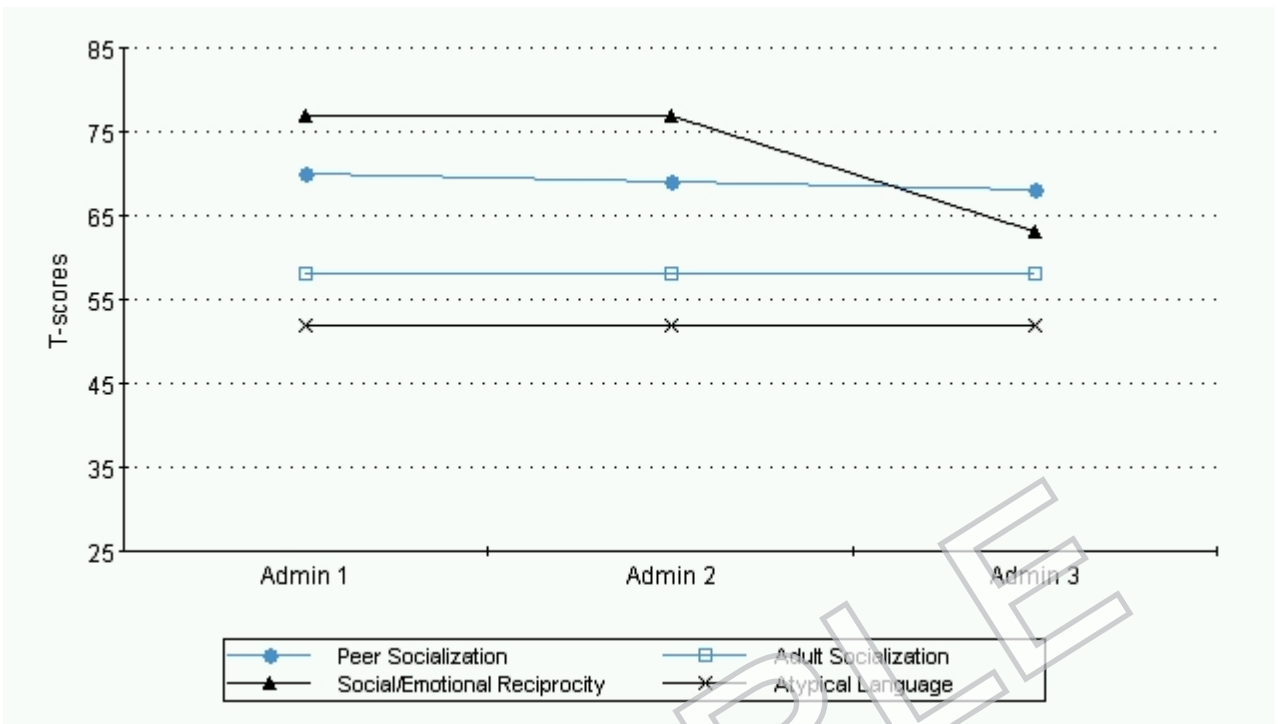
The Autism Spectrum Rating Scales (6-18 Years) Parent Ratings form [ASRS (6-18 Years) Parent] is used to quantify observations of a youth that are associated with Autism Spectrum Disorder. When used in combination with other information, results from the ASRS (6-18 Years) Parent form can help determine the likelihood that a youth has symptoms associated with Autism Spectrum Disorder, and that information can be used to determine treatment targets. This computerized report combines the results of up to four ASRS (6-18 Years) Parent administrations to help the user interpret important changes in reported behavior that have occurred over time. Please note that this Progress Monitoring Report is intended to provide an overview of how scores have changed over time. For detailed information about any given administration, please refer to the ASRS Interpretive Reports. This computerized report provides quantitative information about the ratings of the youth. Additional interpretive information can be found in the *ASRS Technical Manual*. This Progress Monitoring Report is intended for use by qualified assessors only.

T-score Classifications

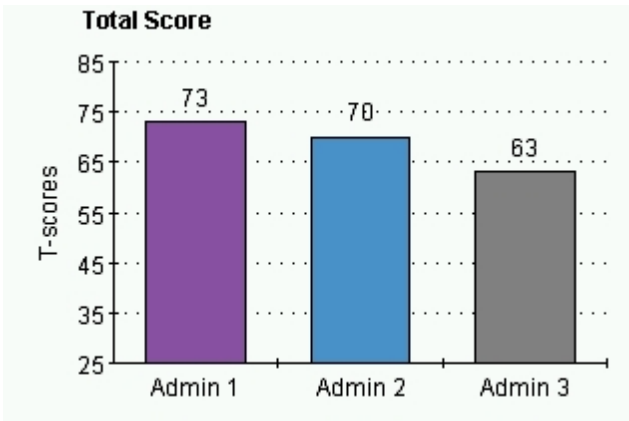
T-score	Classification
70+	Very Elevated Score (Many more concerns than are typically reported)
65-69	Elevated Score (More concerns than are typically reported)
60-64	Slightly Elevated Score (Somewhat more concerns than are typically reported)
40-59	Average Score (Typical levels of concern)
<40	Low Score (Fewer concerns than are typically reported)

T-scores: Comparisons Across Administrations

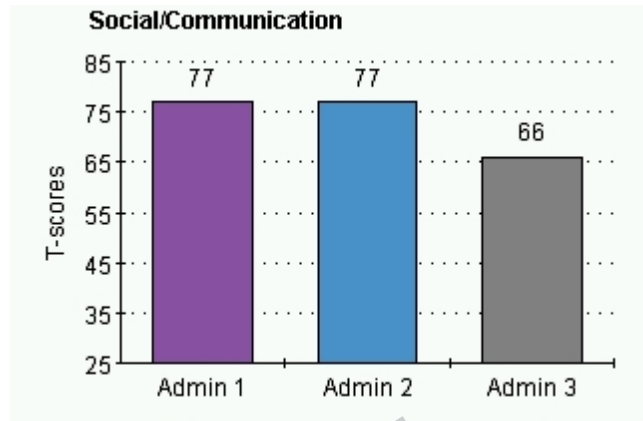




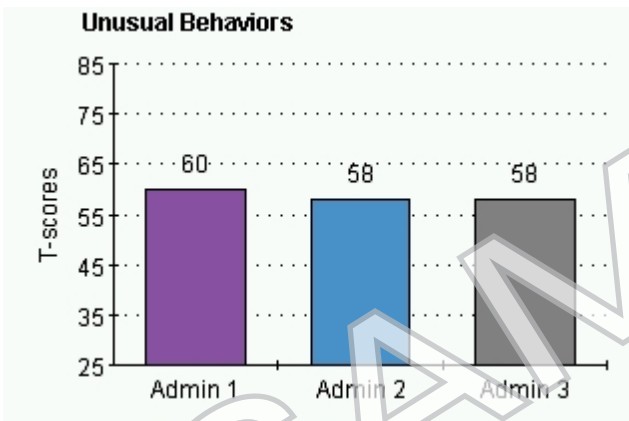
T-scores: Scale-Level Comparisons Across Administrations



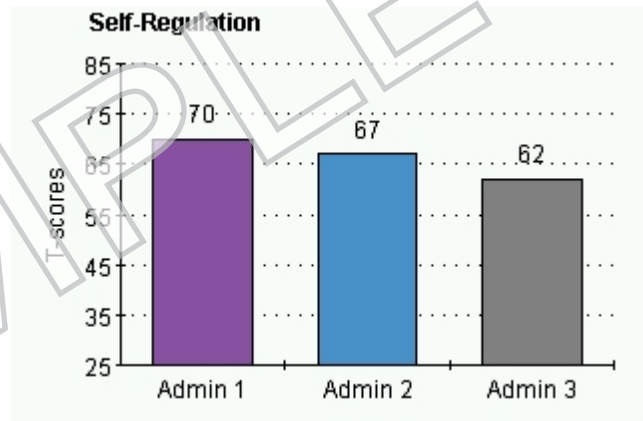
Overall (Admin 1 to Admin 3): Significant Decrease
 Admin 1 to Admin 2: No Significant Change
 Admin 2 to Admin 3: Significant Decrease



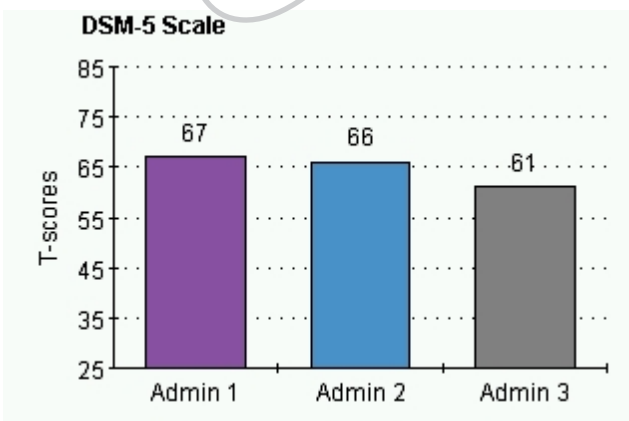
Overall (Admin 1 to Admin 3): Significant Decrease
 Admin 1 to Admin 2: No Significant Change
 Admin 2 to Admin 3: Significant Decrease



Overall (Admin 1 to Admin 3): No Significant Change
 Admin 1 to Admin 2: No Significant Change
 Admin 2 to Admin 3: No Significant Change

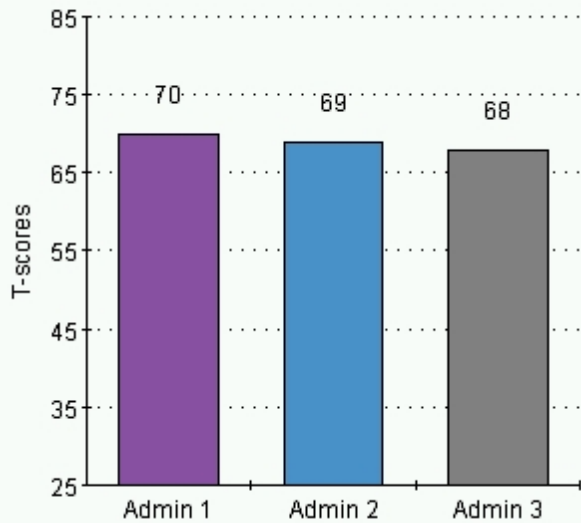


Overall (Admin 1 to Admin 3): No Significant Change
 Admin 1 to Admin 2: No Significant Change
 Admin 2 to Admin 3: No Significant Change



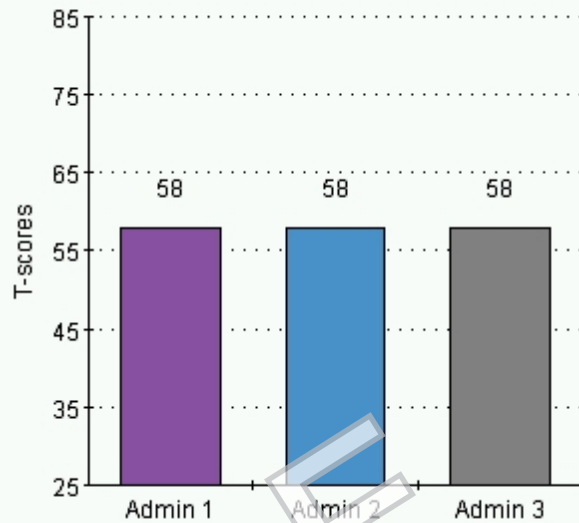
Overall (Admin 1 to Admin 3): No Significant Change
 Admin 1 to Admin 2: No Significant Change
 Admin 2 to Admin 3: No Significant Change

Peer Socialization



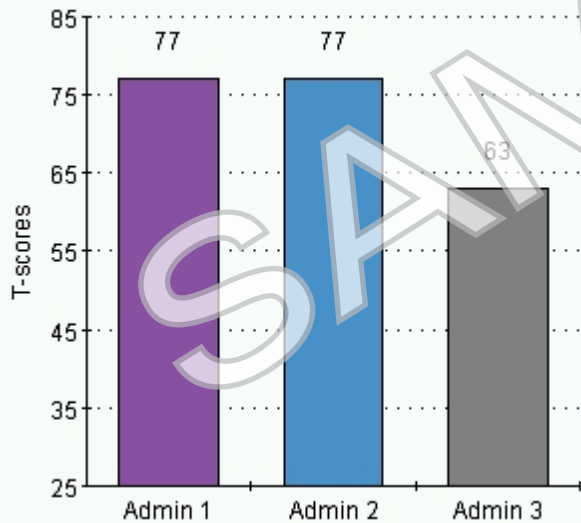
Overall (Admin 1 to Admin 3): No Significant Change
 Admin 1 to Admin 2: No Significant Change
 Admin 2 to Admin 3: No Significant Change

Adult Socialization



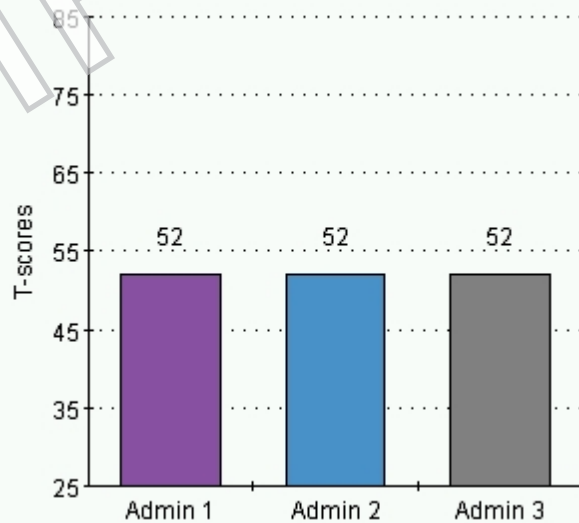
Overall (Admin 1 to Admin 3): No Significant Change
 Admin 1 to Admin 2: No Significant Change
 Admin 2 to Admin 3: No Significant Change

Social/Emotional Reciprocity

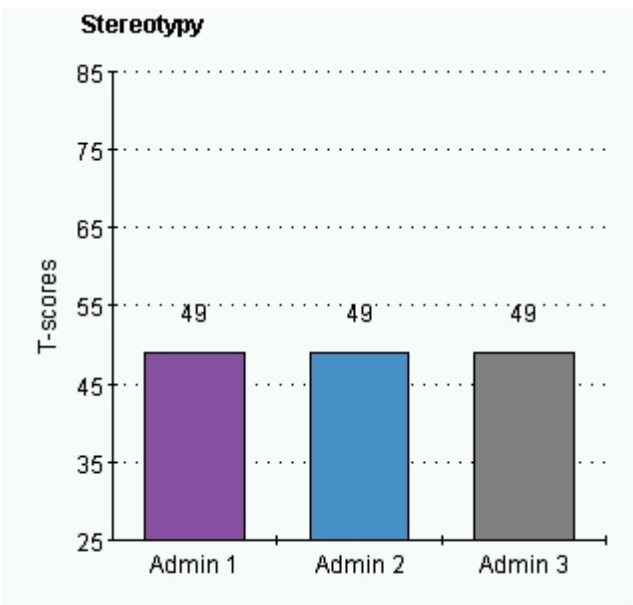


Overall (Admin 1 to Admin 3): Significant Decrease
 Admin 1 to Admin 2: No Significant Change
 Admin 2 to Admin 3: Significant Decrease

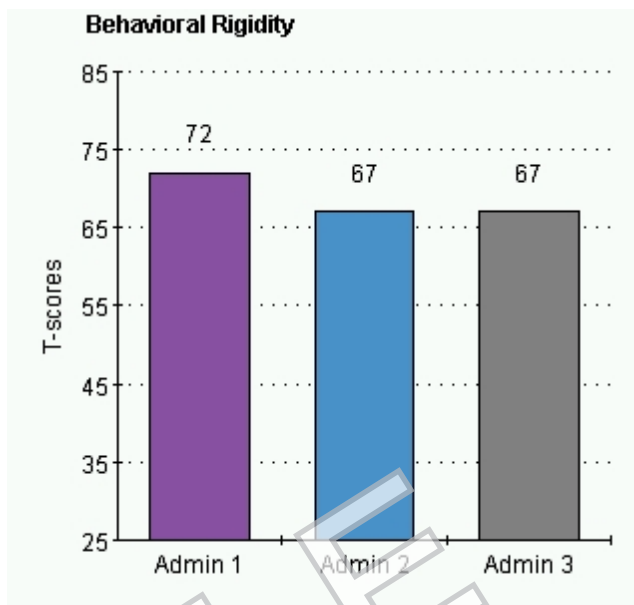
Atypical Language



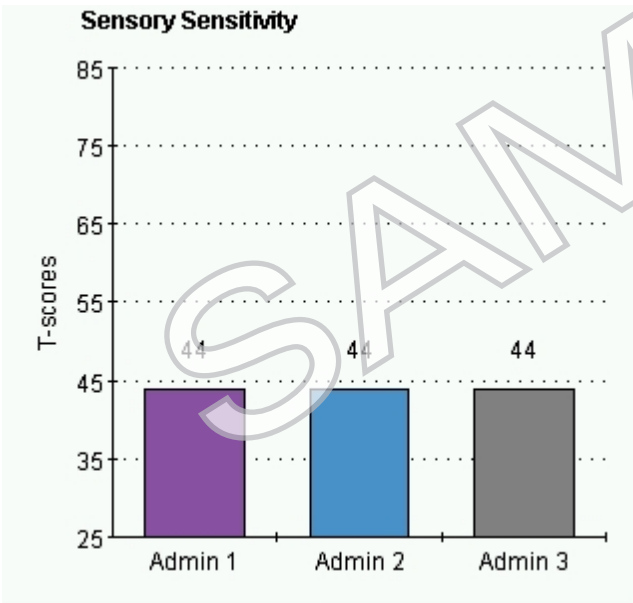
Overall (Admin 1 to Admin 3): No Significant Change
 Admin 1 to Admin 2: No Significant Change
 Admin 2 to Admin 3: No Significant Change



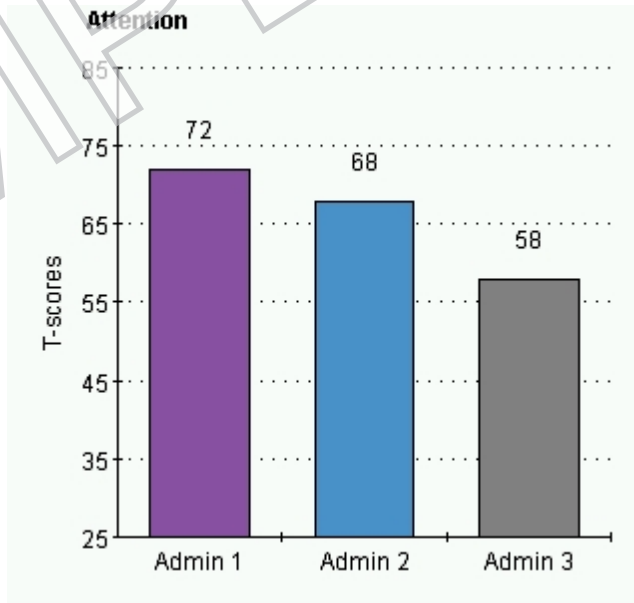
Overall (Admin 1 to Admin 3): No Significant Change
 Admin 1 to Admin 2: No Significant Change
 Admin 2 to Admin 3: No Significant Change



Overall (Admin 1 to Admin 3): No Significant Change
 Admin 1 to Admin 2: No Significant Change
 Admin 2 to Admin 3: No Significant Change



Overall (Admin 1 to Admin 3): No Significant Change
 Admin 1 to Admin 2: No Significant Change
 Admin 2 to Admin 3: No Significant Change



Overall (Admin 1 to Admin 3): Significant Decrease
 Admin 1 to Admin 2: No Significant Change
 Admin 2 to Admin 3: No Significant Change

Detailed Scores: Comparisons Across Administrations

The following table displays T-scores, Confidence Intervals, and Percentile Ranks for each scale, as well as any statistically significant ($p = .10$, adjusted for multiple comparisons) changes in T-scores. If a “Significant Increase” was found, this indicates that the symptoms have become more pronounced (i.e., the youth’s problems have become more of a concern) across administrations. If a “Significant Decrease” was found, this indicates that the symptoms have become less pronounced (i.e., the youth has improved) across administrations. A designation of “No Significant Change” indicates that the amount of change across administrations did not reach statistical significance. **Note:** CI = Confidence Interval.

Scale		Admin 1	Admin 2	Admin 3	Significant Changes Across Administrations		
					Overall (1 to 3)	Admin 1 to Admin 2	Admin 2 to Admin 3
TOTAL SCORE							
Total Score	T-score	73	70	63	Significant Decrease	No Significant Change	Significant Decrease
	90% CI	70-75	67-72	60-65			
	Percentile	99	98	90			
ASRS SCALES							
Social/Communication	T-score	77	77	66	Significant Decrease	No Significant Change	Significant Decrease
	90% CI	72-79	72-79	62-69			
	Percentile	99	99	95			
Unusual Behaviors	T-score	60	58	58	No Significant Change	No Significant Change	No Significant Change
	90% CI	56-63	54-61	54-61			
	Percentile	84	79	79			
Self-Regulation	T-score	70	67	62	No Significant Change	No Significant Change	No Significant Change
	90% CI	64-73	61-70	57-65			
	Percentile	98	96	88			
DSM-5 SCALE							
DSM-5 Scale	T-score	67	66	61	No Significant Change	No Significant Change	No Significant Change
	90% CI	63-70	62-69	57-64			
	Percentile	96	95	86			
TREATMENT SCALES							
Peer Socialization	T-score	70	69	68	No Significant Change	No Significant Change	No Significant Change
	90% CI	62-73	61-72	60-71			
	Percentile	98	97	96			
Adult Socialization	T-score	58	58	58	No Significant Change	No Significant Change	No Significant Change
	90% CI	49-63	49-63	49-63			
	Percentile	79	79	79			
Social/Emotional Reciprocity	T-score	77	77	63	Significant Decrease	No Significant Change	Significant Decrease
	90% CI	69-79	69-79	57-67			
	Percentile	99	99	90			
Atypical Language	T-score	52	52	52	No Significant Change	No Significant Change	No Significant Change
	90% CI	46-58	46-58	46-58			
	Percentile	58	58	58			
Stereotypy	T-score	49	49	49	No Significant Change	No Significant Change	No Significant Change
	90% CI	43-56	43-56	43-56			
	Percentile	46	46	46			
Behavioral Rigidity	T-score	72	67	67	No Significant Change	No Significant Change	No Significant Change
	90% CI	65-75	61-70	61-70			
	Percentile	99	96	96			
Sensory Sensitivity	T-score	44	44	44	No Significant Change	No Significant Change	No Significant Change
	90% CI	39-51	39-51	39-51			
	Percentile	27	27	27			
Attention	T-score	72	68	58	Significant Decrease	No Significant Change	No Significant Change
	90% CI	65-75	62-71	53-62			
	Percentile	99	96	79			

Summary of Significant Changes in Scale Scores

The following section summarizes the ASRS scores, as well as statistically significant changes in scores across pairs of administrations. Significant increases in scores indicate that problems have become more pronounced (i.e., there are more reported concerns) across administrations. Significant decreases in scores indicate that problems have become less pronounced (i.e., there are reported improvements) across administrations.

Note: Elevated score = T-score \geq 60; Low/Average score = T-score $<$ 60; T = T-score, CI = Confidence Interval.

Total Score

Ratings on the **Total Score** scale indicate the extent to which the youth's behavioral characteristics are similar to the behaviors of youth diagnosed with Autism Spectrum Disorder. Elevated scores were obtained for Admin 1 (T = 73; 90% CI = 70-75), Admin 2 (T = 70; 90% CI = 67-72), and Admin 3 (T = 63; 90% CI = 60-65). Scores on this scale significantly decreased across: Admin 1 and Admin 3, Admin 2 and Admin 3.

ASRS Scales

Ratings on the **Social/Communication** scale indicate the extent to which the youth uses verbal and non-verbal communication appropriately to initiate, engage in, and maintain social contact. Elevated scores were obtained for Admin 1 (T = 77; 90% CI = 72-79), Admin 2 (T = 77; 90% CI = 72-79), and Admin 3 (T = 66; 90% CI = 62-69). Scores on this scale significantly decreased across: Admin 1 and Admin 3, Admin 2 and Admin 3.

Ratings on the **Unusual Behaviors** scale indicate the youth's level of tolerance for changes in routine, engagement in apparently purposeless and stereotypical behaviors, and overreaction to certain sensory experiences. Elevated scores were obtained for Admin 1 (T = 60; 90% CI = 56-63). Low/average scores were obtained for Admin 2 (T = 58; 90% CI = 54-61), and Admin 3 (T = 58; 90% CI = 54-61). Scores were not significantly different across administrations.

Ratings on the **Self-Regulation** scale indicate how well the youth manages his behavior and thoughts, maintains focus, and resists distraction. Elevated scores were obtained for Admin 1 (T = 70; 90% CI = 64-73), Admin 2 (T = 67; 90% CI = 61-70), and Admin 3 (T = 62; 90% CI = 57-65). Scores were not significantly different across administrations.

DSM-5 Scale

Ratings on the **DSM-5 Scale** indicate how closely the youth's symptoms match the DSM-5 criteria for Autism Spectrum Disorder. Elevated scores were obtained for Admin 1 (T = 67; 90% CI = 63-70), Admin 2 (T = 66; 90% CI = 62-69), and Admin 3 (T = 61; 90% CI = 57-64). Scores were not significantly different across administrations.

Treatment Scales

Ratings on the **Peer Socialization** scale indicate the youth's willingness and capacity to successfully engage in activities that develop and maintain relationships with other youth. Elevated scores were obtained for Admin 1 (T = 70; 90% CI = 62-73), Admin 2 (T = 69; 90% CI = 61-72), and Admin 3 (T = 68; 90% CI = 60-71). Scores were not significantly different across administrations.

Ratings on the **Adult Socialization** scale indicate the youth's willingness and capacity to successfully engage in activities that develop and maintain relationships with adults. Low/average scores were obtained for Admin 1 (T = 58; 90% CI = 49-63), Admin 2 (T = 58; 90% CI = 49-63), and Admin 3 (T = 58; 90% CI = 49-63). Scores were not significantly different across administrations.

Ratings on the **Social/Emotional Reciprocity** scale indicate the youth's ability to provide an appropriate emotional response to another person in a social situation. Elevated scores were obtained for Admin 1 (T = 77; 90% CI = 69-79), Admin 2 (T = 77; 90% CI = 69-79), and Admin 3 (T = 63; 90% CI = 57-67). Scores on this scale significantly decreased across: Admin 1 and Admin 3, Admin 2 and Admin 3.

Ratings on the **Atypical Language** scale indicate the extent to which the youth is able to utilize spoken communication in a structured and conventional way. Low/average scores were obtained for Admin 1 (T = 52; 90% CI = 46-58), Admin 2 (T = 52; 90% CI = 46-58), and Admin 3 (T = 52; 90% CI = 46-58). Scores

were not significantly different across administrations.

Ratings on the **Stereotypy** scale indicate the extent to which the youth engages in apparently purposeless and repetitive behaviors. Low/average scores were obtained for Admin 1 (T = 49; 90% CI = 43-56), Admin 2 (T = 49; 90% CI = 43-56), and Admin 3 (T = 49; 90% CI = 43-56). Scores were not significantly different across administrations.

Ratings on the **Behavioral Rigidity** scale indicate the extent to which the youth tolerates changes in his environment, routines, activities, or behaviors. Elevated scores were obtained for Admin 1 (T = 72; 90% CI = 65-75), Admin 2 (T = 67; 90% CI = 61-70), and Admin 3 (T = 67; 90% CI = 61-70). Scores were not significantly different across administrations.

Ratings on the **Sensory Sensitivity** scale indicate the youth's level of tolerance for certain experiences sensed through touch, sound, vision, smell, or taste. Low/average scores were obtained for Admin 1 (T = 44; 90% CI = 39-51), Admin 2 (T = 44; 90% CI = 39-51), and Admin 3 (T = 44; 90% CI = 39-51). Scores were not significantly different across administrations.

Ratings on the **Attention** scale indicate the extent to which the youth is able to appropriately focus his attention on one thing while ignoring other things. Elevated scores were obtained for Admin 1 (T = 72; 90% CI = 65-75), and Admin 2 (T = 68; 90% CI = 62-71). Low/average scores were obtained for Admin 3 (T = 58; 90% CI = 53-62). Scores on this scale significantly decreased across: Admin 1 and Admin 3.

SAMPLE

Item Responses

The rater marked the following responses for items on the ASRS (6-18 Years) Parent form.

Item	Ratings			Item	Ratings			Item	Ratings		
	Admin 1	Admin 2	Admin 3		Admin 1	Admin 2	Admin 3		Admin 1	Admin 2	Admin 3
1.	3	3	2	25.	1	1	1	49.	4	3	3
2.	0	0	0	26.	0	0	0	50.	2	2	2
3.	3	3	3	27.	0	0	0	51.	4	2	2
4.	3	3	2	28.	1	1	2	52.	3	3	1
5.	1	1	3	29.	0	0	0	53.	0	0	0
6.	2	2	2	30.	3	3	3	54.	2	2	2
7.	4	4	4	31.	2	2	2	55.	1	1	2
8.	2	2	2	32.	1	1	2	56.	0	0	2
9.	1	1	2	33.	4	4	4	57.	3	3	1
10.	1	1	2	34.	3	3	3	58.	2	2	2
11.	3	3	2	35.	4	2	2	59.	1	1	1
12.	3	3	3	36.	4	2	2	60.	4	4	4
13.	4	4	4	37.	3	3	3	61.	1	1	2
14.	3	3	3	38.	0	0	0	62.	0	0	0
15.	2	2	3	39.	1	1	2	63.	4	4	4
16.	3	3	2	40.	2	2	2	64.	2	2	2
17.	1	1	1	41.	2	2	1	65.	0	0	0
18.	0	0	0	42.	1	1	3	66.	2	2	2
19.	2	2	2	43.	1	1	2	67.	0	0	0
20.	0	0	0	44.	3	3	3	68.	0	0	0
21.	1	1	1	45.	0	1	2	69.	2	2	2
22.	2	2	2	46.	0	0	0	70.	2	2	2
23.	0	0	2	47.	1	1	3	71.	4	4	4
24.	4	2	2	48.	2	2	2				

Response Key:

- 0 = Never
- 1 = Rarely
- 2 = Occasionally
- 3 = Frequently
- 4 = Very Frequently
- ? = Omitted Item