

Gifted with a Disability

- Identification of gifted students with a disability demands consideration of guidelines found in the *DSMV* for Attention Deficit Disorder and Autism Spectrum disorder and *IDEA* for Specific Learning Disabilities.
- These students are better understood when we know their neurocognitive abilities as defined by the PASS theory
- We will examine PASS and behavioral patterns of strengths and weaknesses for these three groups





Gifted Students with Disabilities

- Twice exceptional, or 2E, refers to intellectually gifted children who have a **specific learning disability** (e.g., dyslexia), Attention Deficit Hyperactivity Disorder (ADHD), or autism spectrum disorder (ASD).
- Specific learning disability assessment involves intellectual and academic assessment typically by a school or private psychologist

"(30) SPECIFIC LEARNING DISABILITY.-

"(A) IN GENERAL.—The term 'specific learning disability' means a disorder in 1 or more of the basic psychological processes involved in understanding or in using language, spoken or written, which disorder may manifest itself in the imperfect ability to listen, think, speak, read, write, spell, or do mathematical calculations.

"(B) DISORDERS INCLUDED.—Such term includes such conditions as perceptual disabilities, brain injury, minimal brain dysfunction, dyslexia, and developmental aphasia.

"(C) DISORDERS NOT INCLUDED.—Such term does not include a learning problem that is primarily the result of visual, hearing, or motor disabilities, of mental retardation, of emotional disturbance, or of environmental, cultural, or economic disadvantage.

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NIH-funded study finds dyslexia is not tied to IQ (2011)

- Research on brain activity fails to support widely used ability/achievement discrepancy approach to identify students with dyslexia.
- Regardless of high or low overall scores on an IQ test, children with dyslexia show similar patterns of brain activity.
- The results call into question the discrepancy model the practice of classifying a child as dyslexic on the basis of a DISCREPANCY between reading ability and overall IQ scores.

https://www.nih.gov/news-events/news-releases/nih-funded-study-finds-dyslexia-not-tied-iq

Efforts to Identify Gifted Students (2018)

'NAGC recommends

 ...using WISC-V expanded
 and ancillary index scores
 ... to document
 giftedness ...patterns of
 strengths and
 weaknesses for twice
 exceptional children and
 ensure that gifted
 programs are accessible
 to children with
 disabilities'

NATIONAL ASSOCIATION FOR Gifted Children

Position Statement (Approved August 2018)

Use of the WISC-V for Gifted and Twice Exceptional Identification Recommendations for Use

In comprehensive assessment of gifted and twice exceptional children, the WISC-V Full Scale IQ score should **not** be required. The Full Scale score may be disadvantageous for such students and may impede efforts to ensure that gifted classrooms, programs, and schools are accessible to children with disabilities.

Instead, NAGC recommends that any one of the following WISC-V scores (subtests in parentheses), should be acceptable for use in the selection process for gifted programs if it falls within the confidence interval of the required score for admission:

- the Verbal (Expanded Crystallized) Index (VECI) (SI, VC, IN and CO),
- the Nonverbal Index (NVI) (BD, MR, CD, FW, VP, and PS),
- the Expanded Fluid Index (EFI) (MR, FW, PC, and AR),
- the General Ability Index (GAI) (BD, SI, MR, VC and FW),
- the Full Scale IQ Score (FSIQ) (BD, SI, MR, DS, CD, VC, and FW), and/or
- the Expanded General Ability Index (EGAI) (SI, VC, IN, CO, BD, MR, FW and AR).

The Quantitative Reasoning Index (QRI) (FW and AR) serves as a good indicator of mathematical talent.

Information about scores is available in test manuals and WISC-V Technical Reports #1 and 5.

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Support for Scales, Subtests or 'g'? Prochological Assessment 2018, Vol. 30, No. 8, 2028-1038 © 2018 American Psychological Association 1640-3590118512:00 Mapolitic-decorg/20.1017/pac0000556 Structural validity of the Wechsler Intelligence Scale for Children-Fifth Edition: Confirmatory factor analyses with the 16 primary and Revisiting Carroll's Survey of Factor-Analytic Studies: Implications for the secondary subtests. Clinical Assessment of Intelligence © Request Permissions Canivez, Gary L., Watkins, Marley W., Dombrowski, Stefan C. Nicholas F. Benson and A. Alexander Beaujean Baylor University Ryan J. McGill Collete of William & Mar Canivez, G. L., Watkins, M. W., & Dombrowski, S. C. (2017). Structural validity of the Wechsle Intelligence Scale for Children-Fifth Edition: Confirmatory factor analyses with the 16 primary and Stefan C. Dombrowski Rider University secondary subtests. Psychological Assessment, 29(4), 458-472. https://doi.org/10.101 The results of this study ...The small portions of variance uniquely captured by indicate that most cognitive [subtests]... render the group abilities specified in John factors [scales]of questionable Carroll's three-stratum theory interpretive value independent have little-to-no interpretive of g (FSIQ general intelligence) relevance above and beyond that of general intelligence.

 Present CFA results confirm the EFA results (Canivez, Watkins, & Dombrowski, 2015); Dombrowski, Canivez, Watkins, & Beaujean (2015); and Canivez, Dombrowski, & Watkins (2015).

Research Supports 'g' but little More

Watkins, M. W., & Canivez, G. L. (2021). Assessing the psychometric utility of IQ scores: A tutorial using the Wechsler intelligence scale for children–fifth edition. School Psychology Review, 1-15.

Benson, N. F., Beaujean, A. A., McGill, R. J. & Dombrowski, S. C. (2018). Revisiting **Carroll's Survey of Factor-Analytic Studies**: Implications for the Clinical Assessment of Intelligence. *Psychological Assessment*, 30, 8, 1028–1038.

Canivez, G. L., Watkins, M. W., & Dombrowski, S. C. (2017). Structural validity of the **Wechsler Intelligence Scale for Children–Fifth Edition:** Confirmatory factor analyses with the 16 primary and secondary subtests. *Psychological Assessment, 29,* 458-472.

Canivez, G. L., & McGill, R. J. (2016). Factor structure of the Differential Ability Scales–Second Edition: Exploratory and hierarchical factor analyses with the core subtests. *Psychological Assessment, 28,* 1475-1488. http://dx.doi.org/10.1037/pas0000279

Canivez, G. L., & McGill, R. J. (2016). Factor structure of the Differential Ability Scales-Second Edition: Exploratory and hierarchical factor analyses with the core subtests. Psychological Assessment, 28, 1475–1488. https://doi.org/10.1037/pas0000279

Canivez, G. L. (2008). Orthogonal higher order factor structure of the **Stanford-Binet Intelligence Scales-Fifth Edition** for children and adolescents. School Psychology Quarterly, 23, 533–541.

Dombrowski, S. C., Canivez, G. L., & Watkins, M. W. (2017, May). Factor structure of the 10 WISC–V primary subtests across four standardization age groups. *Contemporary School Psychology*. Advance online publication.

Dombrowski, S. C., McGill, R. J., & Canivez, G. L. (2017). Exploratory and hierarchical factor analysis of the WJ IV Cognitive at school age. Psychological Assessment, 29, 394-407.

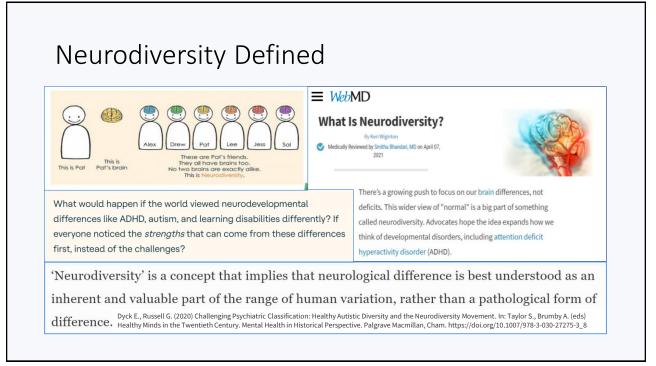
McGill, R. J., & **Canivez, G. L.** (2017, October). Confirmatory factor analyses of the **WISC–IV Spanish** core and supplemental Subtests: Validation evidence of the Wechsler and CHC models. *International Journal of School and Educational Psychology*. Advance online publication.

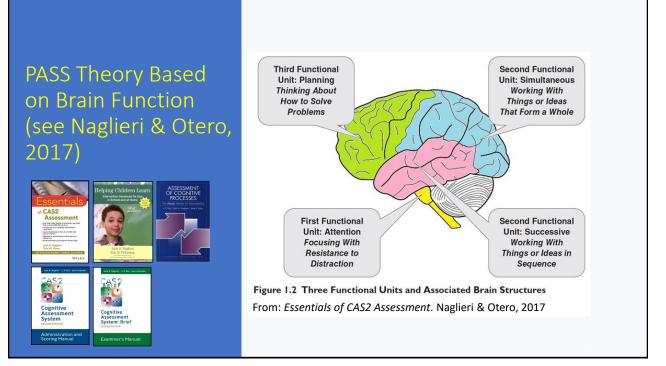
Watkins, M. W., Dombrowski, S. C., & Canivez, G. L. (2017, October). Reliability and factorial validity of the Canadian Wechsler Intelligence Scale for Children–Fifth Edition. International Journal of School and Educational Psychology.

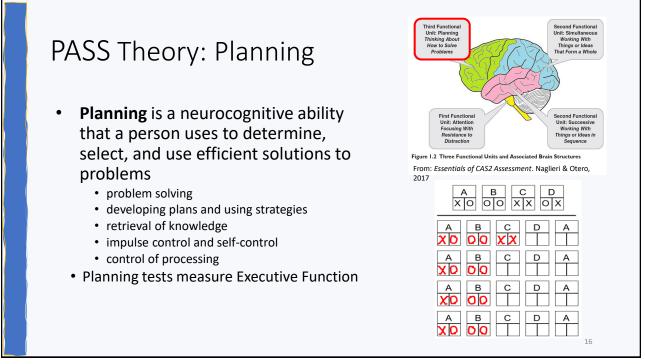




Luria's Explanation of Brain Function Workiag Braia 196 Braia She W She Workiag Ba 2 Workiag Brai • **P**lanning = DECIDING HOW TO DO WHAT YOU HIGHER DECIDE TO DO CORTICAL KING BRAIN DH BRAIN DHE WOR Attention = BEING ALERT AND RESISTING FUNCTIONS 6 BRAIA Qhe WOi DRKIAG BRAIA Qi DISTRACTIONS IN MAN iala ghe Woaki ANDR ROMANOWICH LLT Simultaneous = GETTING THE BIG PICTURE The Working Brain A.R. Luria Successive = FOLLOWING A SEQUENCE ANGUAGE PASS theory can be used to define **NEURODIVERSITY** These are easy to understand definitions of basic psychological processes that are measured with the Cognitive Assessment System – Second Edition 13

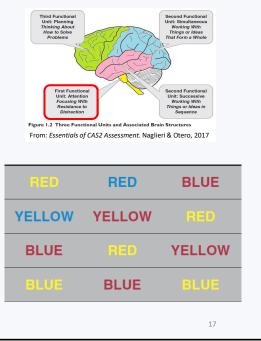






PASS Theory: Attention Attention is a basic psychological

- process we use to attend to some stimuli and ignore others
 - Focus our cognitive activity
 - Selective attention
 - Resistance to distraction
 - Listening, as opposed to hearing
- All academic tasks demand attention but some more than others

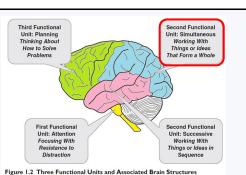


PASS Theory: Simultaneous

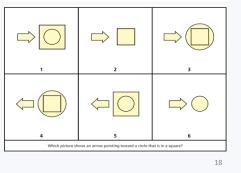
- Simultaneous processing is used to integrate stimuli into groups
 - Each piece must be related to the other
 - Stimuli are seen as a whole

Academics:

- Reading comprehension
- geometry
- math word problems
- whole language
- verbal concepts

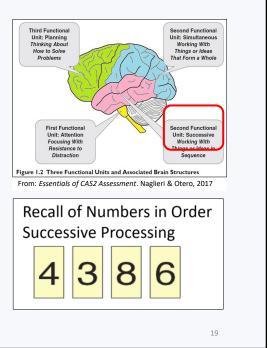


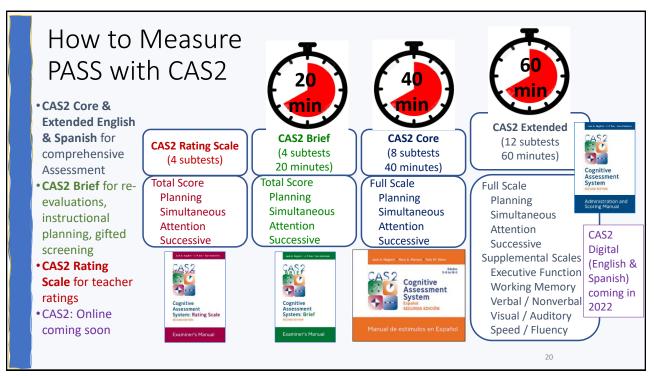
From: Essentials of CAS2 Assessment. Naglieri & Otero, 2017



PASS Theory: Successive

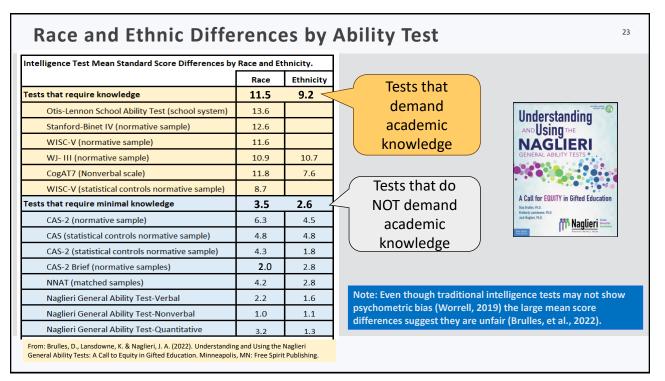
- Successive processing is a basic psychological process we use to manage stimuli in a specific serial order
 - Stimuli form a chain-like progression
 - Recall a series of words
 - · Decoding words
 - Letter-sound correspondence
 - Phonological tasks
 - Understanding the syntax of sentences
 - · Comprehension of written instructions

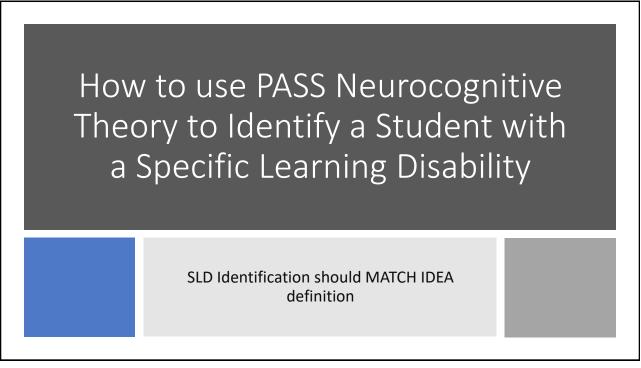




hool Psychology Quarterly 11, Vol. 26, No. 4, 305-317 Hierarchical Factor Structure of the Cognitive Assessment Systen Variance Partitions From the Schmid–Leiman (1957) Procedure	Support for PASS Scales
Gary L. Canivez Eastern Illinois University Orthogonal higher-order factor structure of the Cognitive Assessment System (CAS; Naglieri & Das, 1997a) for the 5–7 and 8–17 age groups in the CAS standardization sample is reported. Following the same procedure as recent studies of other prominent intelligence tests (Dombrowski, Watkins, & Brogan, 2009; Canivez, 2008; Canivez & Watkins, 2010a, 2010b; Nelson & Canivez, 2011; Nelson, Canivez, Lindstrom, & Hatt, 2007; Watkins, 2006; Watkins, Wilson, Kotz, Carbone, & Babula, 2006), three- and four-factor CAS exploratory factor extractions were analyzed with the Schmid and Leiman (1957) procedure using MacOrtho (Watkins, 2004) to assess the hierarchical factor structure by sequentially partitioning variance to the second- and first- order dimensions as recommended by Carroll (1993, 1995). Results showed that greater portions of total and common variance were accounted for by the second-order, global factor, but compared to other tests of intelligence CAS subtests measured less second- order variance and greater first-order Planning, Attention, Simultaneous, and Succes- sive (PASS) factor variance. <i>Keywords:</i> CAS, construct validity, hierarchical exploratory factor analysis, Schmid–Leiman higher-order analysis, structural validity	 "compared to the WISC–IV, WAIS–IV, SB–5, RIAS, WASI, and WRIT, the CAS subtests had less variance apportioned to the higher-order general factor (g) and greater proportions of variance apportioned to first-order (PASS) factors. This is consistent with the subtest selection and construction in an attempt to measure PASS dimensions linked to PASS theory and neuropsychological theory (Luria)." (p. 311)

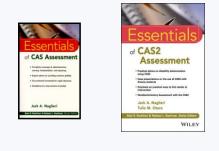
	Contents lists available at ScienceDirect Intelligence	PASS Meta-Analysis
ELSEVIER	journal homepage: www.elsevier.com/locate/intell	 "The CAS Full Scale correlates .60 with reading and .61 with mathematics."
review	Iligence and academic achievement: A meta-analytic	 "These correlations are significantly stronger than the correlations reported in previous meta-analysis for other measures of intelligence (e.g., Peng et al., 2019; Roth et al.,
A R TI C L E IN FO Kowang Midwatato Madwatato Madwatato Risang PAS processes Reading	A B S T R A C T Athough Planning. Attention, Simultaneous and Successive (PASS) processing theory of intilligence has been argued to offer an alternative look at intelligence and PASS processor - operationalized with the Cognitive academic achievement. Thus, this study and to doterime their association by conducting an entra analysis. A random effects model analysis of data from G2 randoms with 93 independent samples revealed a moderate ba- ratoring relation between PASS processon and realing. -0.490 , 950 ct = 0.038, 0.6431, un antenhemistic, r = 0.461, $c = 10.480$, 0.5171, Moderator analysis further showed that (1) PASS processons were more strongly related to with reading and matchem Software (1) and the strong the strong relation to the significant in the other insignator, C1 Simultaneous processing was more strongly related to math accuracy and problem solving than muth huever, (3) Simultaneous processing was more strong divergent than the course of the strong stro	 2015)(e.g., WISC) that include tasks (e.g., Arithmetic, Vocabulary)" "if we conceptualize intelligence as PASS processes linked to the brain" it leads to significantly higher relations with academic achievement." "and these processes have direct implications for instruction and
0 , ,	Guo, K., Naveenkumar, N., Vieira, A. P. A., & Das, J. P. eory of intelligence and academic achievement: A review.	intervention"





Discrepancy Consistency Method (DCM)

 ...first introduced in 1999 and most recently in 2017



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Pattern of Strengths and Weaknesses Using the Discrepancy/Consistency Method for SLD Determination

Three methods for detecting a pattern of strengths and weaknesses (PSW) that can be used as part of the process of identifying a student with a specific learning disability (SLD) have been suggested by Naglieri in 1999, Hale and Fiorello in 2004, and by Flanagan, Ortiz, and Alfonso in 2007. These authors share the same goal: to present a procedure to detect a PSW in scores that can be used

DON'T FORGET 3.5

The essence of the Discrepancy/ Consistency Method is two discrepancies and one consistency.

Discrepancy I:

Significant variability among the PASS scores indicating a weakness in one or more of the basic psychological processes

Discrepancy 2:

Significant difference between high PASS scores and low achievement test scores

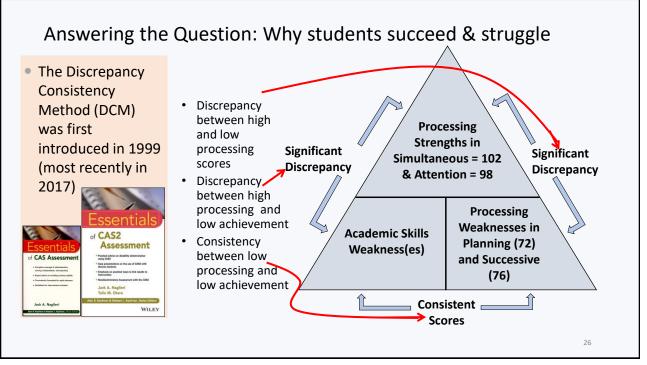
Consistency:

No significant difference between low PASS scores and low achievement

referred to as a third option; Zirkel & Thomas, 2010). Despite differences in the composition of the scores used and the definitions of what constitutes a basic psychological process, these methods all rely on finding a combination of differences as well as similarities in scores across academic and cognitive tests. Our approach to operationalizing a PSW is called the Discrepancy/Consistency Method (DCM) for the identification of SLD. Determining SLD is essentially based on the combination of PASS and achievement test scores. The method involves a systematic examination of variability of PASS and academic achievement test scores, which has

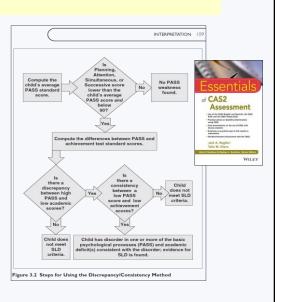
to identify an SLD (sometimes

two main ingredients. First, there must be evidence of a PASS cognitive weakness as described in Step 1 of this chapter, and, second, achievement test scores should show substantial variability that aligns with the high and low PASS scores. What



Discrepancy Consistency Method (Naglieri & Otero, 2017)

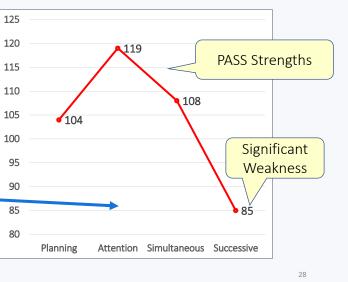
- 1. Determine if the PASS scores vary significantly from the examinee's average PASS score and the lowest score is below average (<90) (Table 3.5)
- 2. Determine if the high PASS scores are significantly different from the low achievement scores (Appendix A-F)
- Determine if the LOW PASS score is or is not significantly different from the low achievement scores (Appendix A-F)

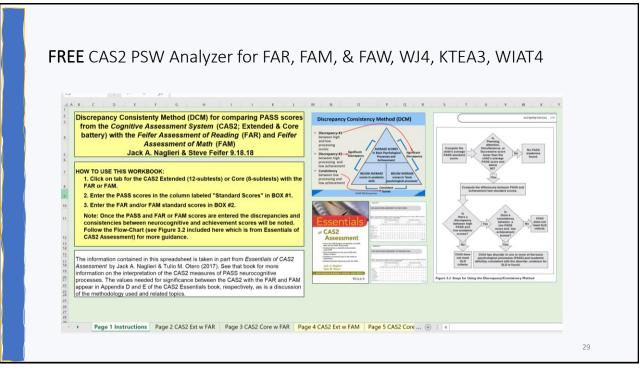


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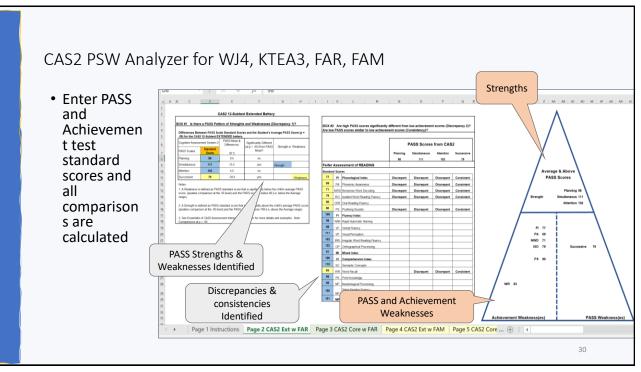
Evidence of a Disorder in Basic Psychological Processes PASS scores show significant variability Strengths in Planning, Attention and

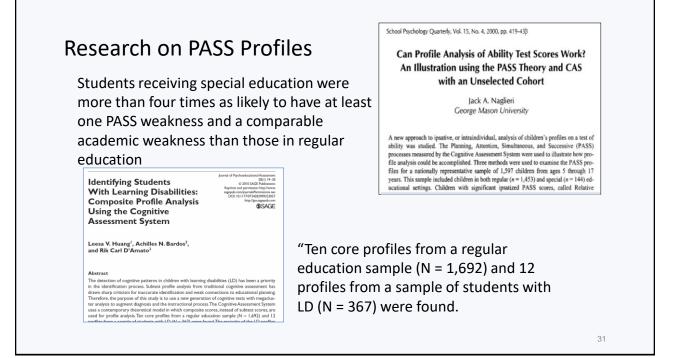
- Simultaneous Processing
- Weaknesses in
 Successive processing
- Supports SLD eligibility



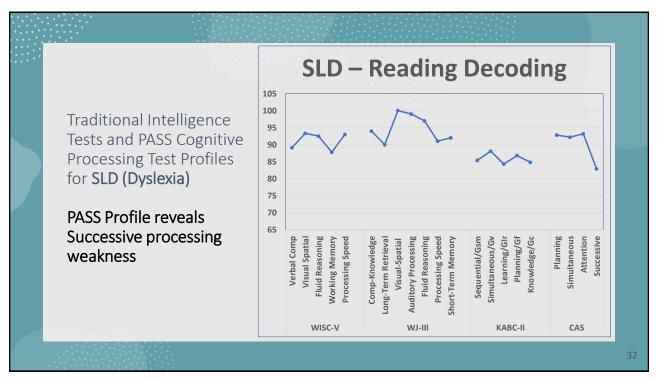


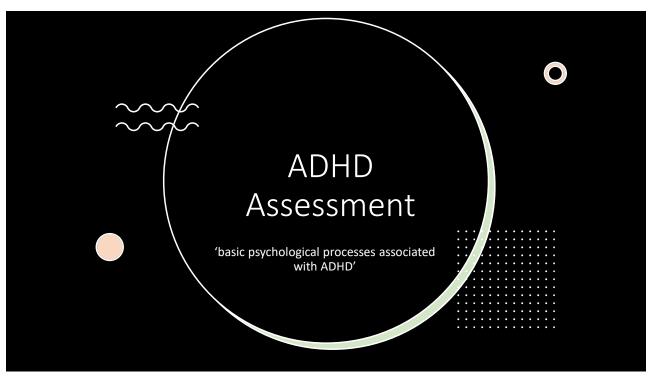










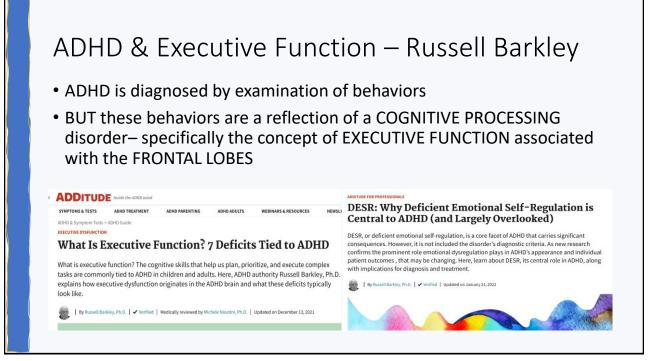


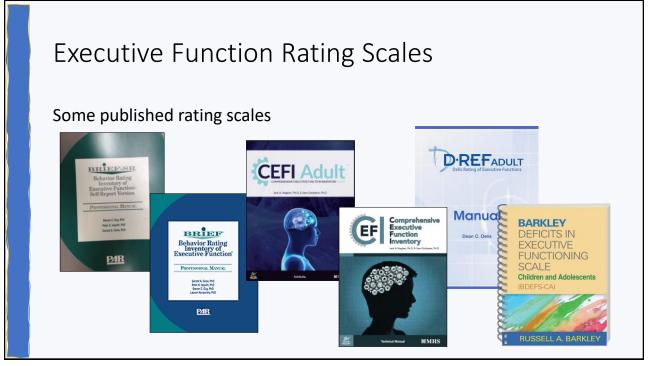
Gifted & ADHD

- Twice exceptional, or 2E, refers to intellectually gifted children who have a specific learning disability (e.g., dyslexia), Attention Deficit Hyperactivity Disorder (ADHD), or autism spectrum disorder (ASD).
 - ADHD diagnosis is based on observable behaviors
 - Three types of ADHD are Inattentive, Hyperactive / Impulsive and Combined Type

DSM-5 Diagnostic Criteria for ADHD

ecessary.	
Inattentive Type Diagnosis Criteria	Displays poor listening skills Loses and/or misplaces items needed to complete activities or tasks Sidetracked by external or unimportant stimuli Forgets daily activities Diminished attention span Lacks ability to complete schoolwork and other assignments or to follow instructions Avoids or is disinclined to begin homework or activities requiring concentration Fails to focus on details and/or makes thoughtless mistakes in schoolwork or assignments
Hyperactive/ Impulsive Type Diagnosis Criteria	typeractive Symptoms: Squirms when seated of fidgets with feet/hands Marked restessness that is difficult to control Appears to be driven by "a motor" or is often "on the go" Lacks ability to play and engage in lesure activities in a quiet manner Incapable of staying seated in class Overly talkative Impulsive Symptoms: Difficulty waiting turn Interrupts or intrudes into conversations and activities of others Impulsive blurts out answers before questions completed
Additional Requirements for Diagnosis	 Symptoms present prior to age 12 years Symptoms not better accounted for by a different psychiatric disorder (e.g., mood disorder, anulety disorder) and do not occur exclusively during a psychotic disorder (e.g., schizophrenia) Symptoms not exclusively a manifestation of oppositional behavior
Classification	 Combined Type: Patient meets both inattentive and hyperactive/impulsive criteria for the past 6 months Predominantly Inattentive Type: Patient meets inattentive criterion, but not hyperactive/impulse criterion, for the past 6 months Predominantly Hyperactive/impulsive Type: Patient meets hyperactive/impulse criterion, but not inattentive criterion, for the past 6 months Symptoms may be classified as mild, moderate, or severe based on symptom severity





Comprehensive Executive Function Inventory (CEFI) and the Comprehensive Executive Function Inventory Adult (CEFI Adult) by Naglieri & Goldstein

- Strength based EF measures
- Items are **positively** worded
- Higher scores = good behaviors related to EF
- Scores set at mean of 100, SD of 15
- CEFI: Ages 5-18 years rated by a parent, teacher, or the child/youth
- CEFI Adult: Ages 18+ years rated by the adult or an observer



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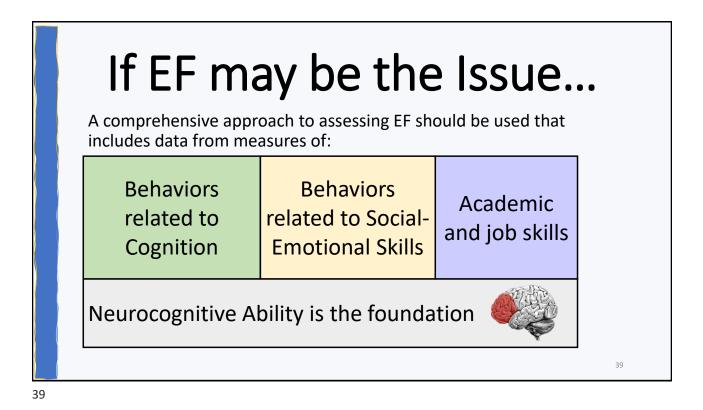
If Executive Function Underlies ADHD

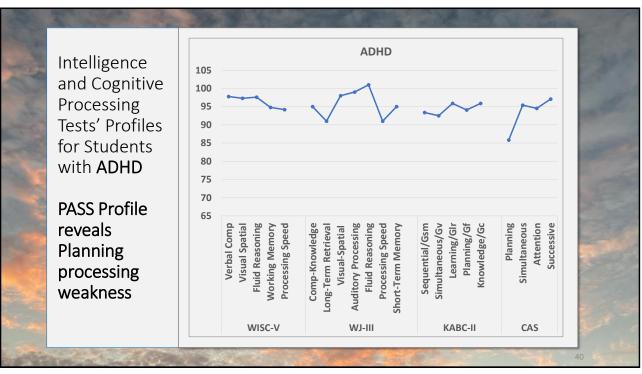
Some people who have the behavioral symptoms of ADHD may also have a COGNITIVE component to their disorder

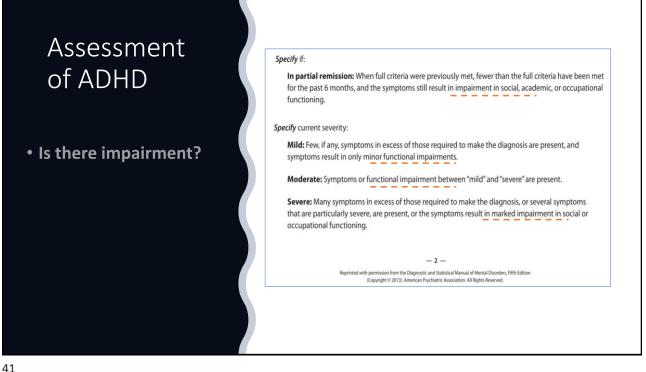
The concept of Executive function is associated with the Frontal Lobes making it a basic psychological process

a weakness on a measure of EF could support eligibility as...

Typically, 504 rule is applied. Also consider a Specific learning disability: defined as a disorder in one or more of the basic psychological processes which manifests as academic failure in specific areas...

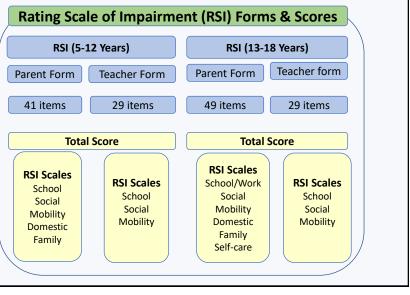


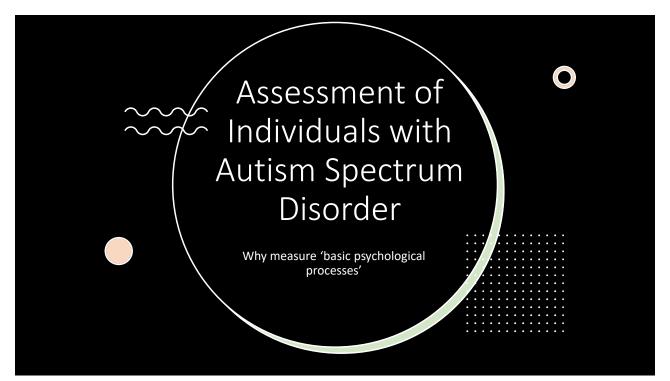




Rating Scale of Impairment (RSI; Goldstein & Naglieri)







Gifted Students with Disabilities

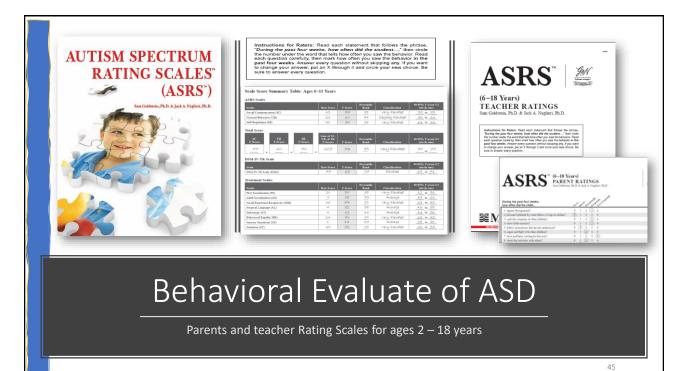
- Twice exceptional, or 2E, refers to intellectually gifted children who have a specific learning disability (e.g., dyslexia), Attention Deficit Hyperactivity Disorder (ADHD), or **autism spectrum disorder** (ASD).
 - ASD is identified using the DSM based on observable behaviors

Rating scales such

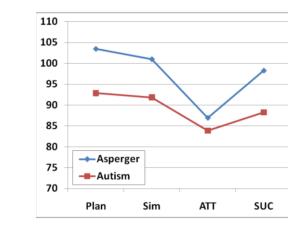
as ASRS

DSM-5 Autism Diagnostic Criteria

A. Persistent deficits in social communication and social interaction across multiple contexts, B. Restricted, repetitive patterns of behavior, interests, or activities, C. Symptoms must be present in the early developmental period D. Symptoms cause clinically significant impairment in social, occupational, or other E. These disturbances are not better explained by intellectual disability

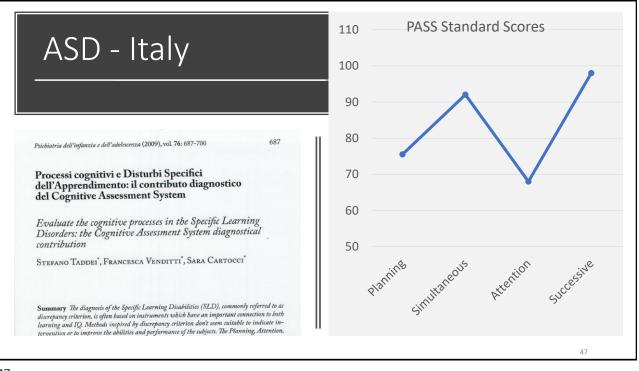


PASS Scores, Autism and Asperger

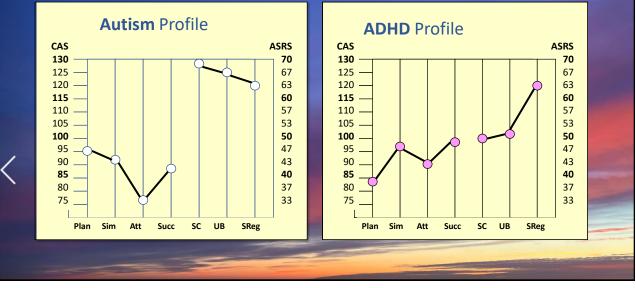


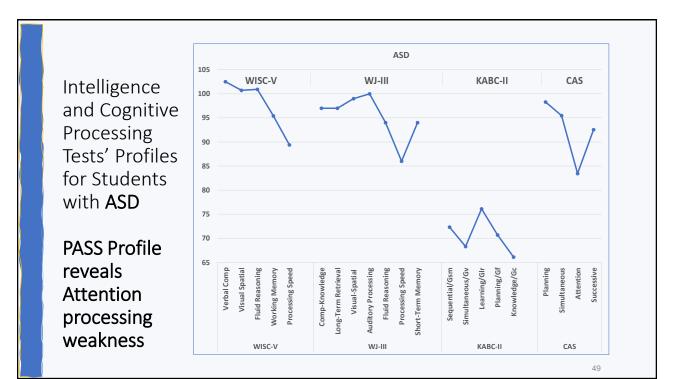
Descriptive Statistics and Comparisons Between Individuals with Autism (n = 20) and Asperger Syndrome (n = 23).

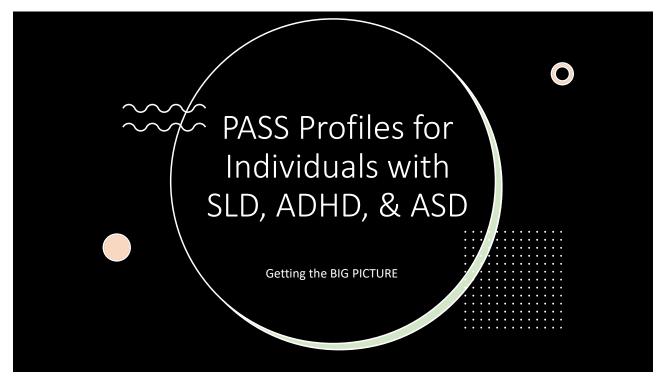
		Mn	SD	F	Sig	d -ratio
PLAN	Asperger	103.5	31.6	1.71	.20	0.40
	Autism	92.9	19.2			
SIM	Asperger	101.0	15.3	3.33	.08	0.54
	Autism	91.9	17.5			
ATT	Asperger	86.9	17.7	0.30	.59	0.17
	Autism	83.9	18.8			
SUC	Asperger	98.3	15.7	2.46	.12	0.47
	Autism	88.3	25.6			

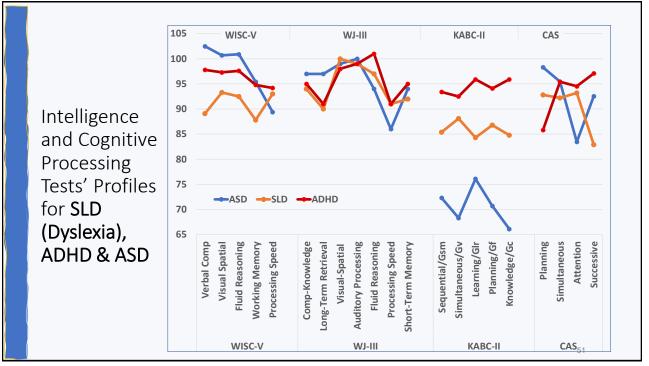


Differential Diagnosis: ADHD vs ASD









PASS Profiles for Gifted Students

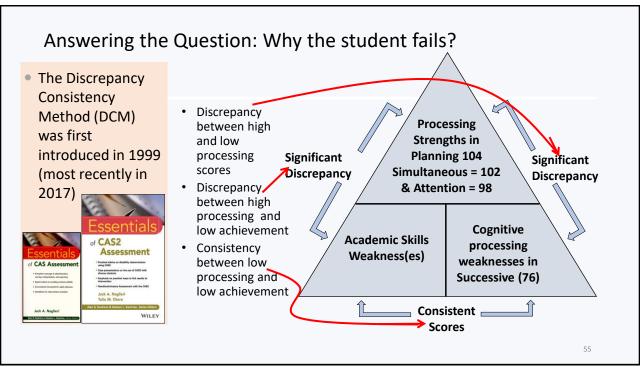
Application of the Discrepancy Consistency Method

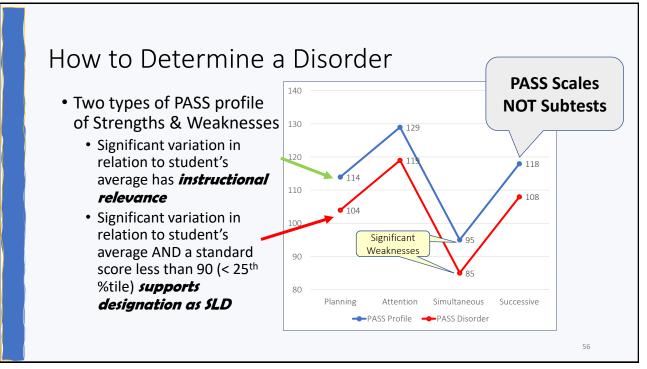
A Study of Gifted Students (Neurocognitive Profiles of Intellectually Gifted

Children: A Pilot Study, In press, 2022).

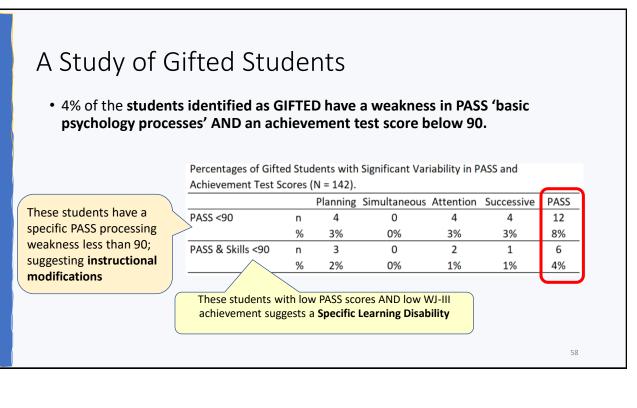
- N = 142
 - Similar numbers of girls and boys in Grade 4, 5 and 6.
 - all native speakers of English
 - from middle to upper-middle socioeconomic families
- Gifted definition:
 - "Giftedness is exceptional potential and/or performance across a wide range of abilities in one or more of the following areas: general intellectual, specific academic, creative thinking, social, musical, artistic and kinesthetic" (Alberta Education, 2012, p. 6).
- Tests given
 - WASI –II (Vocabulary and Matrix Reasoning)
 - Woodcock-Johnson III Broad Reading score from: Letter-Word Identification, Reading Fluency, and Passage Comprehension
 - Cognitive Assessment System (CAS; Naglieri & Das, 1997) to measure PASS neurocognitive processes

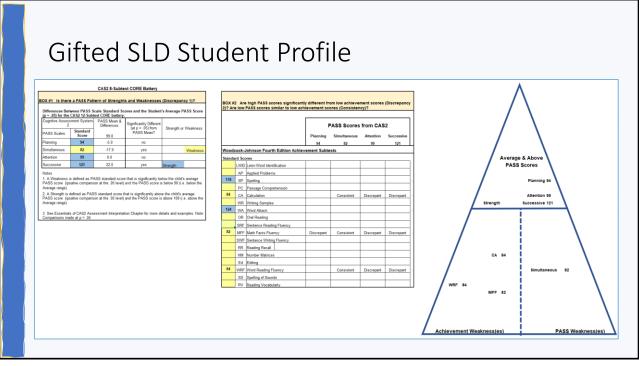
,	f Gifted Studen					
CAS Full Scale s	scores correlated					
significantly hi	igher with WJ-III					
achievement so	cores than the WASI-II	Table 1				
			WASE II WI		ovomont	and
		Descriptive Statistics for WASI-II, WJ-III Achievement, and Cognitive Assessment System (CAS) Scores (N = 142)				
		Variable	Mean	SD	Min	, Max
		WJ-III Achievement				
T 2		Broad Reading	125	14	97	166
Table 2		Broad Math	116	13	91	162
Pearson Correlations	of WA <u>SI-II FSIQ. Cognitive As</u>	Mean WJ	117	10	94	152
	WASI-II FSIQ CAS FS	WASI-II FSIQ	123	8	105	145
		CAS Full Scale	118	12	91	148
Broad Reading	.24 .53	Planning	110	12	77	146
	.34 .50	Simultaneous	121	16	88	152
Broad Math			113	13	79	141
Broad Math Mean WJ-III	.34 .62	Attention	111	11	81	137





٦J	tudy of G	ITTE	ed Sti	udents				
	4% of gifted st						nificant	tly
	ifferent from t			-			occina	trongth
	 That means the or weakness (i. 				leurocog	nuve proc	essing s	strength
	Table 3.	.,	0.6	,				
				c: :(:				
	Percentages of Gift (N = 142).	ea Stu	dents with	Significant Var	iability in P	ASS Standard	d Scores	
	<u></u>		Planning	Simultaneous	Attention	Successive	PASS	
	PASS Weakness	n	25	6	18	28	77	
	PASS Weakness							
	PASS Weakness	%	18%	4%	13%	20%	54%	
	PASS Weakness PASS Strength	% n	18% 7	4% 58	13% 13	20% 12	54% 90	

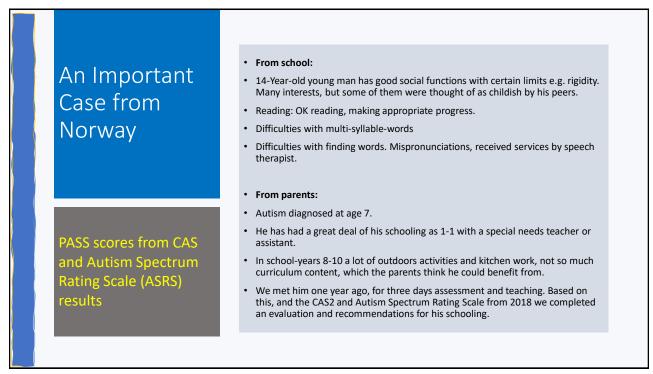




Twice Exceptional Conclusions

- Traditional intelligence tests (WISC, WJ, Binet) are **not** sufficient for assessment of students who may be gifted and have a specific learning disability (SLD), autism, ADHD, etc.
- Most defensible way to assess 2e gifted is to use the *Cognitive* Assessment System-Second Edition (CAS2) for the following reasons
 - CAS2 measures 'basic psychological processes' the key to uniting the definition of SLD with the method of detecting it,
 - it yields the smallest race ad ethnic differences,
 - It yields profiles for special populations,
 - PASS scores predicts achievement better than any other tests *and* these scores can be used to guide instruction





Weak	ness					cessing inication		S	esessment estem	Vicas: 9 Stool: X Examiner: Pedverivet PASS Date Tested: 2018 03 117 Date Tested: 2018 03 117 Date Tested: 2018 6 5 Ape 14 6 5	
Proble	ems							Subtest and Composite Subtest R Planned Codes (PCd)	Scores Scaled Score PLAN SIM ATT SUC 6 6 6 6 6	Subtest and Composite Profiles Index Source Profile Source Source Profile Moder Source Profile RAX Source Source Profile	
Scale	T-score (90% CI)	Percentile	Classif	ication	Interpretive	Guideline		Planned Number Natching (PtM) Matrices (M)			-
TOTAL SCORE	. ,				1			(VSR)	0 8		-
Total Score	52 (49-55)	58	Average	e Score	Score No problem indicated.			Expressive Attention (EA)			
ASRS SCALES								Receptive Attention (RA)	9 10 10	a	
Social/ Communication	64 (59-67)	92	Slightly Elev	vated Score	communicat	vusing verbal and non-ver ion appropriately to initiate nd maintain social contact			2 1 3 6 5	1 1 X 1 0 X 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-
Unusual Behaviors	54 (50-58)	66	Average	e Score	No problem indicated.			Sum of Subtest Scaled Sc PASS Composite Index Sc		· · · · · · · · · · · · · · · · · · ·	
Self-Regulation	37 (34-42)	10	Low	Score	No problem	indicated.		Percentile P	aria 32 27 16 0.4 6 per 100 97 54 70 82		-
ASI	S		G&N			Differences Between PA Subtest EXTENDED batt		ard Scores and t Years.		ge PASS Score Required for	;ig
						Cognitive Assessmen	t System - 2	Difference from PASS Mean of:	Significantly Different (at p =	Strength or Weakness	
Autism Spect Parent Rating		Scales (6-	18 Years)			PASS Scales	Standard Score	82.3	.05) from PASS Mean?	_	
By Sam Goldstein, I		Nagliari Ph D				Planning	93	10.8	yes		
by Sam Goldstein, I	-п.р. а Јаск А.	. Ivagilefi, Ph.D.				Simultaneous	91	8.8	yes		
						Attention	85	2.8	no		
						Successive	60	-22.3	yes	Weakness	