

Cognitive Profile and ADHD Assessment for Adults

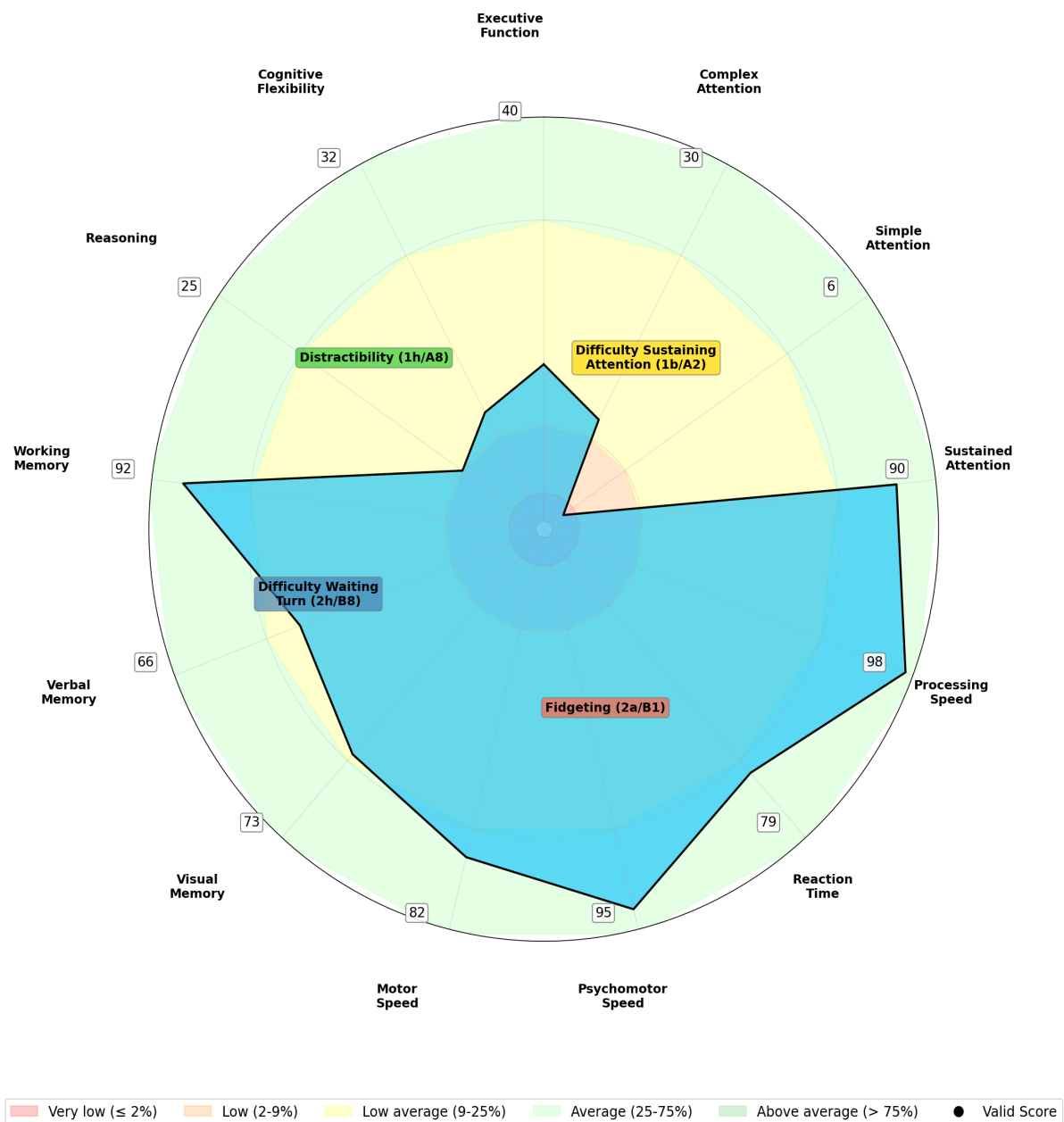
Demographics

Patient ID:

Age:

Test Date:

Cognitive Domain Profile



Cognitive Domain Scores

Domain	Standard Score	Percentile	Classification	Valid
Neurocognition Index (NCI)	106.0	66.0	Average	Yes
Composite Memory	110.0	75.0	Average	Yes
Verbal Memory	106.0	66.0	Average	Yes
Visual Memory	109.0	73.0	Average	Yes
Psychomotor Speed	125.0	95.0	Above Average	Yes
Reaction Time*	112.0	79.0	Above Average	Yes
Complex Attention*	92.0	30.0	Average	Yes
Cognitive Flexibility	93.0	32.0	Average	Yes
Processing Speed	130.0	98.0	Above Average	Yes
Executive Function	96.0	40.0	Average	Yes
Reasoning	90.0	25.0	Average	Yes
Working Memory	121.0	92.0	Above Average	Yes
Sustained Attention	119.0	90.0	Above Average	Yes
Simple Attention	77.0	6.0	Low	Yes
Motor Speed	114.0	82.0	Above Average	Yes

Score Interpretation

Percentile Range	Classification	Clinical Interpretation
> 75	Above Average	Strengths
25-75	Average	Normal functioning
9-25	Low Average	Mild difficulties
2-9	Low	Significant difficulties
≤ 2	Very Low	Severe impairment

Subtest Results

40436 (INVALID)				
Metric	Score	Standard	Percentile	
Verbal Memory Test (VBM)	Correct Hits - Immediate	12.0	98	
Verbal Memory Test (VBM)	Correct Passes - Immediate	15.0	110	
Verbal Memory Test (VBM)	Correct Hits - Delay	12.0	105	
Verbal Memory Test (VBM)	Correct Passes - Delay	15.0	110	
Visual Memory Test (VSM)	Correct Hits - Immediate	15.0	124	
Visual Memory Test (VSM)	Correct Passes - Immediate	12.0	105	
Visual Memory Test (VSM)	Correct Hits - Delay	14.0	119	
Visual Memory Test (VSM)	Correct Passes - Delay	7.0	77	

Finger Tapping Test (FTT)	Right Taps Average	64.0	114
Finger Tapping Test (FTT)	Left Taps Average	61.0	112
Symbol Digit Coding (SDC)	Correct Responses	67.0	127
Symbol Digit Coding (SDC)	Errors*	0.0	110
Stroop Test (ST)	Simple Reaction Time*	271.0	106
Stroop Test (ST)	Complex Reaction Time Correct*	551.0	110
Stroop Test (ST)	Stroop Reaction Time Correct*	642.0	111
Stroop Test (ST)	Stroop Commission Errors*	3.0	72
Shifting Attention Test (SAT)	Correct Responses	46.0	92
Shifting Attention Test (SAT)	Errors*	4.0	105
Shifting Attention Test (SAT)	Correct Reaction Time*	1131.0	99
Continuous Performance Test (CPT)	Correct Responses	40.0	103
Continuous Performance Test (CPT)	Omission Errors*	0.0	103
Continuous Performance Test (CPT)	Commission Errors*	2.0	68
Continuous Performance Test (CPT)	Correct Reaction Time Correct*	386.0	109
Reasoning Test (RT)	Correct Responses	9.0	95
Reasoning Test (RT)	Average Correct Reaction Time*	4040.0	115
Reasoning Test (RT)	Commission Errors*	6.0	87
Reasoning Test (RT)	Omission Errors*	0.0	117
Four Part Continuous Performance Test	Average Correct Reaction Time*	261.0	114
Four Part Continuous Performance Test	Correct Responses	6.0	103
Four Part Continuous Performance Test	Average Correct Reaction Time*	371.0	105
Four Part Continuous Performance Test	Incorrect Responses*	0.0	104
Four Part Continuous Performance Test	Average Incorrect Reaction Time*	0.0	
Four Part Continuous Performance Test	Omission Errors*	0.0	103
Four Part Continuous Performance Test	Correct Responses	16.0	113
Four Part Continuous Performance Test	Average Correct Reaction Time*	429.0	113
Four Part Continuous Performance Test	Incorrect Responses*	0.0	104
Four Part Continuous Performance Test	Average Incorrect Reaction Time*	0.0	
Four Part Continuous Performance Test	Omission Errors*	0.0	113
Four Part Continuous Performance Test	Correct Responses	16.0	124
Four Part Continuous Performance Test	Average Correct Reaction Time*	625.0	103
Four Part Continuous Performance Test	Incorrect Responses*	1.0	103
Four Part Continuous Performance Test	Average Incorrect Reaction Time*	933.0	89
Four Part Continuous Performance Test	Omission Errors*	0.0	124

Speed vs. Accuracy Analysis

The following charts illustrate the relationship between response speed and accuracy. Each chart shows the overall ADHD patient population trend (grey dots and red line) and highlights this patient's performance (blue dot). This helps visualize the individual's speed-accuracy tradeoff strategy compared to others. Non clinical means are in blue (Norm)

Data not available for SAT: Speed vs Accuracy

Data not available for Stroop: Speed vs Accuracy

Data not available for Reasoning: Speed vs Accuracy

Interpreting Speed-Accuracy Trends:

The population trend lines (red) illustrate how speed (reaction time) typically relates to accuracy (errors) for each test within the dataset.

- **Shifting Attention Test (SAT):** Shows a positive correlation, indicating a classic speed-accuracy tradeoff where faster responses tend to be associated with more errors.
- **Stroop Test & Reasoning:** These tests display a negative correlation. Slower reaction times are generally associated with *fewer* errors. This suggests that individuals who take more time tend to perform more accurately on these specific tasks within this population sample.

NPQ LF-207 Diagnostic Screen

The NPQ is a clinical screening tool. Scores suggest potential symptom burden and are not diagnostic. Results should be used as a basis for clinical enquiry rather than diagnosis. Clinicians should use these results to guide further assessment and corroborate with clinical judgment.

=== Attention & Hyperactivity Symptoms ===		
ADHD	140	Mild
Attention	145	Mild
Impulsive	83	Mild
Learning	62	Not a problem
Memory	86	Mild
Fatigue	100	Mild
Sleep	75	Mild
=== Anxiety Symptoms ===		
Anxiety	100	Mild
Panic	17	Not a problem
Agoraphobia	0	Not a problem
Obsessions & Compulsions	47	Not a problem
Social Anxiety	25	Not a problem
PTSD	56	Not a problem
=== Mood Symptoms ===		
Depression	41	Not a problem
Bipolar	41	Not a problem
Mood Stability	23	Not a problem
Mania	0	Not a problem
Aggression	0	Not a problem
=== Autism Spectrum Symptoms ===		
Autism	25	Not a problem
Asperger's	27	Not a problem
=== Other Concerns Symptoms ===		
Psychotic	14	Not a problem
Somatic	122	Mild
Fatigue	100	Mild
Suicide	33	Not a problem
Pain	100	Mild
Substance Abuse	0	Not a problem
MCI	104	Mild
Concussion	106	Mild

Severity Color Legend			
Severe	Moderate	Mild	None

Detailed NPQ Responses

Question	Score	Severity
ADHD		
1	Difficulty concentrating	1
2	Difficulty paying attention	1
3	Easily distracted	2
4	Feeling restless	1
5	Feeling scattered, disorganized	2
6	Fidgety, I can't sit still	2
7	Forgetful, I need constant reminding	1
8	Impatient	1
9	Impulsive, act without thinking	1
10	Leaving things behind and having to go back to get them.	
11	Losing things	2
12	Making careless mistakes	2
13	Not finishing chores, homework or projects	2
14	Overly active	0
15	Short attention span	2
Aggression		
1	Blaming other people for your own mistakes	0
2	Defiant or argumentative	0
3	Destructive to property or things	0
4	Excessive yelling or screaming	0
5	Getting into fights	0
6	Having an urge to injure or to hurt someone	0
7	Having the urge to destroy things	0
8	Hostile	0
9	In trouble with the law	0
10	Physical aggression toward others	0
Agoraphobia		
1	Avoiding certain things or places	0
2	Feeling scared in open spaces or out in public	0
3	Feeling scared to use buses or trains	0
4	Feeling uncomfortable in crowds	0
5	Feelings of being trapped	0
6	Worrying about fainting in public	0
Anxiety		
1	Feeling anxious	1

Question	Score	Severity
2	Feeling keyed up or on edge	0
3	Feeling nervous	1
4	Feeling restless	1
5	Feeling tense	1
6	Fidgety, I can't sit still	2
7	Having nightmares or bad dreams	1
8	High-strung or keyed up	0
9	I find it hard to relax	1
10	Worrying too much	2
Anxiety/Depression		
1	Crying spells	0
2	Easily agitated	1
3	Fatigue	1
4	Feeling anxious	1
5	Feeling depressed	1
6	Feeling discouraged about the future	0
7	Feeling empty inside	0
8	Feeling hopeless	0
9	Feeling irritable	0
10	Feeling keyed up or on edge	0
11	Feeling little or no interest in things	1
12	Feeling lonely	0
13	Feeling nervous	1
14	Feeling restless	1
15	Feeling sad	1
16	Feeling scattered, disorganized	2
17	Feeling so nervous it's hard to breathe	0
18	Feeling tense	1
19	Feeling that doing anything is a real effort	0
20	Feeling tired	2
21	Feelings of guilt or remorse	1
22	Fidgety, I can't sit still	2
23	Hard to fall asleep	1
24	Having nightmares or bad dreams	1
25	High-strung or keyed up	0
26	I feel like a failure	0
27	I feel like I'm being punished	0
28	I find it hard to relax	1

Question	Score	Severity
29	Low energy	2
30	My mind goes blank	1
31	Not enjoying things as much as before	0
32	Restless or disturbed sleep	2
33	Thinking about death or dying	2
34	Withdrawn, isolated	0
35	Worrying too much	2
Asperger's		
1	Avoiding eye contact	0
2	Difficulty developing friendships	1
3	Difficulty understanding sarcasm, metaphors or jokes	0
4	Hard to relate to other people	0
5	I can't relate to other people, socially or emotionally	0
6	I don't attend to social signals	1
7	I don't respond to other people's expressions or body language	0
8	Not able to begin or to sustain a conversation with other people	0
9	Not responsive to other people's feelings	0
10	Odd preoccupations or interests	0
11	Preoccupied by a particular interest to the exclusion of other things	0
12	Rigid, inflexible, resistant to change	0
13	Strongly attached to routines or sameness in the environment	0
14	I can't feel close to another person	1
15	Withdrawn, isolated	0
Attention		
1	Difficulty concentrating	1
2	Difficulty paying attention	1
3	Easily distracted	2
4	Feeling scattered, disorganized	2
5	Forgetful, I need constant reminding	1
6	Leaving things behind and having to go back to get them.	0
7	Losing things	2
8	Making careless mistakes	2
9	Not finishing chores, homework or projects	2
10	Short attention span	2
11	When reading, losing track of what the story is about	2
Autism		
1	Avoiding eye contact	0
2	I can't relate to other people, socially or emotionally	0

Question	Score	Severity
3 I don't attend to social signals	1	
4 I don't respond to other people's expressions or body language	0	
5 Not able to begin or to sustain a conversation with other people	0	
6 Not responsive to other people's feelings	0	
7 Odd preoccupations or interests	0	
8 Peculiar or bizarre behavior	0	
9 Preoccupied by a particular interest to the exclusion of other things	0	
10 Repetitive behaviors like touching or counting	0	
11 Rigid, inflexible, resistant to change	0	
12 Strongly attached to routines or sameness in the environment	0	
Bipolar		
1 Anger	0	
2 Angry outbursts	0	
3 Much more interested in sex than usual	0	
4 Being much more social or outgoing than usual	0	
5 Crying spells	0	
6 Decreased need for sleep	0	
7 Difficulty concentrating	1	
8 Difficulty paying attention	1	
9 Easily agitated	1	
10 Easily annoyed	0	
11 Easily distracted	2	
12 Easily frustrated	0	
13 Elevated mood, euphoria	0	
14 Excitable	1	
15 Explosive	0	
16 Feeling irritable	0	
17 Feeling much more confident than usual	0	
18 Feeling restless	1	
19 Feeling scattered, disorganized	2	
20 Having much more energy than usual	0	
21 High energy	0	
22 Impulsive, act without thinking	1	
23 Increased or inappropriate sexual interest	0	
24 My moods change quickly	0	
25 Overly active	0	
26 Pressured speech, uninterruptible and continuous	0	
27 Short attention span	2	

Question	Score	Severity
28	Temper tantrums	0
29	Thoughts racing	0
Concussion		
1	Difficulty concentrating	1
2	Difficulty paying attention	1
3	Dizzy/unsteady/lightheaded	2
4	Easily distracted	2
5	Easily frustrated	0
6	Fatigue	1
7	Feeling irritable	0
8	Feeling scattered, disorganized	2
9	Feeling slower than usual	0
10	Hard to fall asleep	1
11	Headache	0
12	I can't think straight	1
13	Low energy	2
14	My mind goes blank	1
15	My moods change quickly	0
16	Problems with memory	2
17	Short attention span	2
18	Unable to exercise without getting really tired	0
Depression		
1	Crying spells	0
2	Feeling depressed	1
3	Feeling discouraged about the future	0
4	Feeling empty inside	0
5	Feeling hopeless	0
6	Feeling irritable	0
7	Feeling little or no interest in things	1
8	Feeling lonely	0
9	Feeling sad	1
10	Feeling that doing anything is a real effort	0
11	Feelings of guilt or remorse	1
12	Having nightmares or bad dreams	1
13	I feel like a failure	0
14	I feel like I'm being punished	0
15	Loss of interest in sex	2
16	Not enjoying things as much as before	0

Question	Score	Severity
17	Withdrawn, isolated	0
Fatigue		
1	Fatigue	1
2	Feeling slower than usual	0
3	Feeling tired	2
4	Feeling weak	0
5	Low energy	2
6	Unable to exercise without getting really tired	0
Impulsive		
1	Feeling restless	1
2	Fidgety, I can't sit still	2
3	High energy	0
4	Impatient	1
5	Impulsive, act without thinking	1
6	Overly active	0
Learning		
1	Bad handwriting	2
2	Having to do things slowly to make sure it's right	0
3	Learning a foreign language	0
4	Learning math	0
5	Learning new things	0
6	I don't like to read	0
7	I don't work up to my potential	2
8	Organizing studies or projects	2
9	Paying attention to lectures	2
10	Remembering what you studied or read	0
11	Taking notes	0
12	Taking tests	0
13	When reading, losing track of what the story is about	0
MCI		
1	Difficulty concentrating	1
2	Difficulty paying attention	1
3	Easily distracted	2
4	Feeling scattered, disorganized	2
5	Forgetful, I need constant reminding	1
6	Forgetting appointments or social engagements.	0
7	Forgetting if you have taken your medicine	0
8	Forgetting to do something you said you would do	0

Question	Score	Severity
9	Forgetting to give a message to someone	1
10	Forgetting to tell somebody something that you meant to tell them	
11	Forgetting where things are kept; looking for them in the wrong place	
12	Going to the store but forgetting to get what you need	
13	Having to do things slowly to make sure it's right	
14	I can't remember the names of close relatives or friends.	
15	Learning new things	0
16	Leaving things behind and having to go back to get them.	
17	Losing things	2
18	Making careless mistakes	2
19	My mind goes blank	1
20	Not finishing chores, homework or projects	
21	Putting something down and then forgetting where you put it.	
22	Reading something and then realizing you have read it before.	
23	Short attention span	2
24	When reading, losing track of what the story is about	
Mania		
1	Much more interested in sex than usual	0
2	Being much more social or outgoing than usual	
3	Decreased need for sleep	0
4	Feeling much more confident than usual	0
5	Having much more energy than usual	0
6	Increased or inappropriate sexual interest	0
7	Pressured speech, uninterruptible and continuous	
8	Thoughts racing	0
Memory		
1	Failing to recognize places you have been before.	
2	Finding a television story or a movie hard to follow.	
3	Forgetful, I need constant reminding	1
4	Forgetting appointments or social engagements.	
5	Forgetting if you have taken your medicine	
6	Forgetting something cooking on the stove or in the toaster	
7	Forgetting to do something you said you would do	
8	Forgetting to give a message to someone	1
9	Forgetting to tell somebody something that you meant to tell them	
10	Forgetting where things are kept; looking for them in the wrong place	
11	Forgetting where you parked the car	1
12	Going to the store but forgetting to get what you need	

Question	Score	Severity
13 I can't remember the names of close relatives or friends.		0
14 Learning new things		0
15 Leaving things behind and having to go back to get them.		0
16 My mind goes blank		1
17 Problems with memory		2
18 Putting something down and then forgetting where you put it.		0
19 Reading something and then realizing you have read it before.		0
20 Trouble thinking of the right word		2
21 Unable to remember things as well as I used to		2
22 When reading, losing track of what the story is about		0
Mood Stability		
1 Anger		0
2 Angry outbursts		0
3 Crying spells		0
4 Easily agitated		1
5 Easily annoyed		0
6 Easily frustrated		0
7 Elevated mood, euphoria		0
8 Excitable		1
9 Explosive		0
10 Feeling irritable		0
11 Feeling negative		1
12 My moods change quickly		0
13 Temper tantrums		0
Obsessions & Compulsions		
1 I hate being touched or held		0
2 Checking things several times		0
3 Collecting things that you don't really need		0
4 Counting things; numbers going through your mind		0
5 Eating the same foods all the time		1
6 Feeling guilty over minor infractions		2
7 Having bad thoughts that you can't get rid of		0
8 Having thoughts or words that go over and over in your mind		0
9 It bothers me when someone eats off my plate		0
10 I have a special number that I count up to or do things just that number of times		0
11 I have to do things a certain number of times before I'm satisfied		0
12 Moving or talking in special ways to avoid bad luck		1
13 Putting things away, and they have to be just right		0

Question	Score	Severity
14 Repetitive behaviors like touching or counting		
15 Thoughts about sex that are troubling	0	
16 Trouble making up your mind	0	
17 Washing your hands over and over	0	
18 Worrying about being clean	0	
19 Worrying about the germs that are on things	0	
PTSD		
1 Avoiding certain things or places	0	
2 Difficulty concentrating	1	
3 Difficulty staying asleep	0	
4 Easily startled	2	
5 Emotionally numb	1	
6 Feeling depressed	1	
7 Feeling discouraged about the future	0	
8 I feel that I can't trust other people	0	
9 Flashbacks to a traumatic event	0	
10 Hard to fall asleep	1	
11 Hard to go out in public	0	
12 Hard to relate to other people	0	
13 Having nightmares or bad dreams	1	
14 Having unpleasant thoughts that you can't get out of your mind		
15 I feel like I'm being punished	0	
16 Reliving a traumatic event	0	
17 Restless or disturbed sleep	2	
18 I can't feel close to another person	1	
Pain		
1 A lot of aches and pains	2	
2 Abdominal pain or discomfort	3	
3 Back pain	0	
4 Chest pain or discomfort	0	
5 Headache	0	
6 Muscle soreness	2	
7 Unable to exercise without a lot of pain	0	
8 Unbearable pain	1	
Panic		
1 Attacks of intense anxiety	1	
2 Feeling so nervous it's hard to breathe	0	
3 Getting so nervous I feel like passing out	0	

Question	Score	Severity
4	Getting really scared for no reason at all	0
5	Panic attacks	0
6	Trouble catching my breath	0
Psychotic		
1	I feel nervous when people watch me or talk about me	0
2	Feeling paranoid	0
3	I feel that other people are watching or talking about me	0
4	I feel that someone else can control my mind	0
5	I feel that I can't trust other people	0
6	I feel I am being watched	0
7	I hear voices that no one else can hear	0
8	I can't think straight	1
9	My mind is full of terrifying thoughts or images	0
10	Other people know my private thoughts	0
11	Overly suspicious	0
12	Peculiar or bizarre behavior	0
13	Seeing things that other people don't see	0
14	I can't feel close to another person	1
Sleep		
1	Difficulty staying asleep	0
2	Hard to fall asleep	1
3	I wake up too early in the morning and can't get back to sleep	0
4	Restless or disturbed sleep	2
Social Anxiety		
1	I am a shy person	0
2	Difficulty developing friendships	1
3	Feeling nervous around people I don't know	0
4	Feeling nervous when I have to do something in front of people	0
5	Feeling uneasy about eating or drinking in public	0
6	Hard to go out in public	0
7	Hard to relate to other people	0
8	Starting a conversation with people I don't know	0
Somatic		
1	Blackout spells or seizures	0
2	Difficulty breathing	0
3	Difficulty swallowing	2
4	Dizzy/unsteady/lightheaded	2
5	Feeling faint	2

Question	Score	Severity
6	Heart racing	0
7	Nausea	1
8	Numbness/Tingling	2
9	Worrying that something bad is wrong with your body	2
Substance Abuse		
1	Abusing drugs	0
2	I drink too much	0
3	I use too many drugs or medications	0
Suicide		
1	I feel like giving up on life	0
2	I feel like I would be better off dead	0
3	I feel that I have nothing left to live for	0
4	I feel that my family would be better off if I were gone	0
5	Thinking about death or dying	2
6	Thoughts about ending your life	0

Cognitive Domain Explanations

The cognitive assessment measures performance across multiple domains. Each domain score is derived from specific test components as described below:

Cognitive Domain	Calculation Method
Executive Function	SAT Correct Responses - SAT Errors
Complex Attention	Stroop Correct Responses - Stroop Commission Errors
Simple Attention	CPT Correct Responses - CPT Commission Errors
Sustained Attention	Sum(4PCPT P2-P4 Correct) - Sum(4PCPT P2-P4 Incorrect)
Processing Speed	SDC Correct Responses - SDC Errors
Reaction Time	Stroop RT + CPT RT + SAT RT (weighted average)
Psychomotor Speed	FTT Right Taps Average + FTT Left Taps Average + SDC Correct
Motor Speed	FTT Right Taps Average + FTT Left Taps Average
Visual Memory	BVMT-R Total Recall + BVMT-R Delayed Recall
Verbal Memory	VBM Total Recall + VBM Delayed Recall
Working Memory	4PCPT Part 4 Correct - Part 4 Incorrect
Reasoning	NVRT Correct Responses - NVRT Commission Errors
Cognitive Flexibility	SAT Correct Responses - SAT Errors + Stroop Interference Score

Note: Percentiles compare an individual's score to a normative group. A percentile of 50 represents average performance. Scores marked (INVALID) indicate the source test failed validity checks.