THE REVISED COMPREHENSIVE AUTISTIC TRAIT INVENTORY (CATI-R) [1]

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The Revised Comprehensive Autistic Trait Inventory (CATI-R) is a standardised self-report measure used to assess autistic traits across six distinct subscales:

SOC = Social Interactions	RIG = Cognitive Rigidity
COM = Communication	REP = Repetitive Behaviours
MAS = Masking	SEN = Sensory Sensitivity

Respondents indicate their level of agreement or frequency with each statement based on a 5-point Likert scale. For each item, assign the score corresponding to the response selected by the participant. The scoring range for each item is 1 to 5:

Definitely Disagree	Somewhat Disagree	Neither Agree nor Disagree	Somewhat Agree	Definitely Agree
1	2	3	4	5

Some items in the CATI-R require reverse scoring. These items are highlighted in grey in the table below. The scores for reverse-scored items are already reflected in the responses (i.e., they have already been reversed in the scoring key provided). Simply apply the score as shown for each item based on the participant's response.

Definitely Disagree	Somewhat Disagree	Neither Agree nor Disagree	Somewhat Agree	Definitely Agree
5	4	3	2	1

The **subscale scores** are derived by summing the scores for all items within that subscale.

Once the individual item scores are assigned, you can calculate the **total score** for the CATI-R by summing the scores across all items. This total score reflects the overall level of autistic traits across all subscales.

[1] Based on English, M. C. W., Gignac, G. E., Visser, T. A. W., Whitehouse, A. J. O., Enns, J. T., & Maybery, M. T. (2021). The comprehensive autistic trait inventory (CATI): Development and validation of a new measure of autistic traits in the general population. *Molecular Autism, 12*(1), 37–37.

			Definitely Disagree	Somewhat Disagree	Neither Agree nor Disagree	Somewhat Agree	Definitely Agree	SOC	COM	MAS	RIG	REP	SEN
	SOC = Social Interactions COM = Communication MAS = Masking	RIG = Cognitive Rigidity REP = Repetitive Behaviours SEN = Sensory Sensitivity											
1	REP	I fiddle or play repetitively with objects or body parts (e.g., clicking pens or twirling my hair)	1	2	3	4	5						
2	RIG	I like to stick to certain routines/rituals for everyday tasks	1	2	3	4	5						
3	MAS	I expend a lot of mental energy trying to fit in with others	1	2	3	4	5						
4	SEN	I am sensitive to bright lights	1	2	3	4	5						
5	RIG	I prefer to do activities the same way (e.g., how I arrange food on my plate, or organise my clothes)	1	2	3	4	5						
6	MAS	I observe people interacting (e.g., in movies or everyday situations) and try to imitate them when I need to socialise	1	2	3	4	5						
7	REP	I tend to rock my whole body or repetitively move body parts (e.g., tapping fingers, or bouncing my knee)	1	2	3	4	5						
8	SOC	I enjoy social events (e.g., e.g., weddings or birthdays)	5	4	3	2	1						
9	MAS	I make an effort to appear more sociable	1	2	3	4	5						
10	SOC	I try to avoid social situations that involve face-to-face interactions with people I do not know well	1	2	3	4	5						
11	SEN	My senses can be overloaded in some situations	1	2	3	4	5						

12	REP	Fiddling with objects (e.g., keys or soft toys) can help me calm down or collect my thoughts	1	2	3	4	5
13	COM	I find it difficult to understand non-verbal cues (e.g., facial expressions, body language) of people I don't know well	1	2	3	4	5
14	RIG	I can have strong preferences about how my belongings are organised	1	2	3	4	5
15	SOC	Social interaction is easy for me	5	4	3	2	1
16	MAS	When interacting with other people, I spend a lot of effort monitoring how I am perceived	1	2	3	4	5
17	SOC	I find social occasions challenging, tiring, or stressful	1	2	3	4	5
18	SEN	I am sensitive to touch	1	2	3	4	5
19	COM	I find it easy to sense what someone else is feeling (e.g., due to their facial expression or tone of voice)	5	4	3	2	1
20	REP	I tend to pace or move around in a repetitive path	1	2	3	4	5
21	RIG	I feel discomfort when prevented from completing a particular routine	1	2	3	4	5
22	MAS	I find it helpful to plan how I will interact with others (e.g., things to share or questions to ask)	1	2	3	4	5
23	COM	People who do not know me well tend to misunderstand me (e.g., people think I am angry or flirting with them)	1	2	3	4	5
24	SEN	I am sensitive to particular tastes (e.g., salty, sour, spicy, or sweet) or textures (e.g., slippery, coarse, sharp)	1	2	3	4	5

25	REP	I engage in certain repetitive actions or activities when I feel stressed (e.g., playing with sensory toys or watching the same movie)	1	2	3	4	5
26	COM	I do not use non-verbal cues intuitively in my interactions with others (e.g., eye gaze, facial expression, or hand gestures)	1	2	3	4	5
27	RIG	I prefer to do things in a certain way, or re-doing things until it is satisfactory to me	1	2	3	4	5
28	SOC	I feel confident or capable when meeting new people	5	4	3	2	1
29	MAS	I tend to suppress certain behaviours even though I find them soothing	1	2	3	4	5
30	SOC	Sensing what someone else is feeling can be stressful for me	1	2	3	4	5
31	SEN	A smell can make it hard for me to focus on anything else	1	2	3	4	5
32	REP	There are certain repetitive actions that others consider to be characteristic of me (e.g., stroking my hair or talking about a particular subject)	1	2	3	4	5
33	COM	Metaphors or figures-of-speech confuse me	1	2	3	4	5
34	RIG	I feel distressed when plans are changed	1	2	3	4	5
35	SOC	I find it difficult to make new friends or maintain friendships	1	2	3	4	5
36	SEN	I experience strong reactions to unexpected loud noises	1	2	3	4	5
37	COM	I have experienced difficulty understanding someone else's point-of-view	1	2	3	4	5

38	RIG	I like to arrange items in particular ways (e.g., in rows, patterns, by colour, by size etc.)	1	2	3	4	5	
39	MAS	I try to follow certain rules in order to get by in social situations	1	2	3	4	5	
40	SEN	I am sensitive to flickering lights	1	2	3	4	5	
41	REP	I have certain habits that I find difficult to stop (e.g., biting/tearing nails, pulling strands of hair)	1	2	3	4	5	
42	COM	I have difficulty understanding the norms or unspoken rules of social situations	1	2	3	4	5	

	SOC	COM	MAS	RIG	REP	SEN
Subscale Scores						
Total Score						