



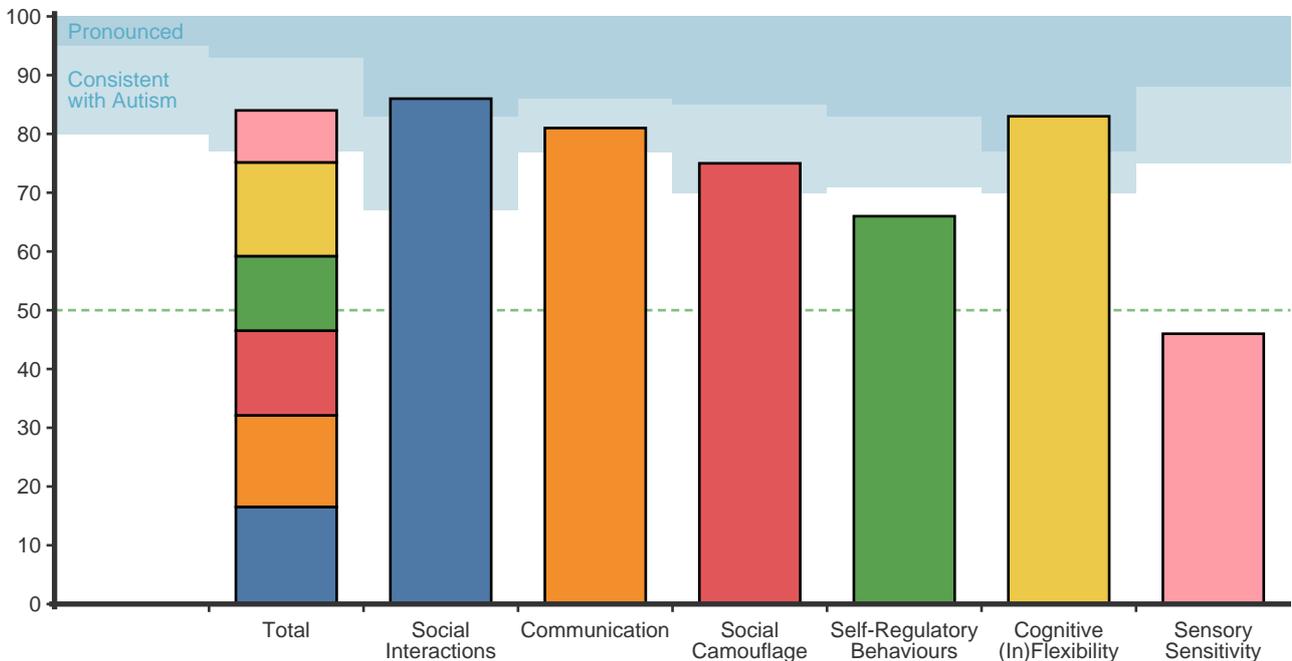
## Comprehensive Autistic Trait Inventory (CATI)

<b>Client Name</b>	Generic Client	<b>Date administered</b>	9 Oct 2024
<b>Date of birth (age)</b>	1 Jan 1980 (44)	<b>Time taken</b>	4 min 10s
<b>Assessor</b>	Dr Simon Baker		

### CATI Results

	Score	Percentile	Descriptor
Total (42 to 210)	146	84	Overall consistent with Autism
Social Interactions (7-35)	31	86	Pronounced
Communication (7-35)	21	81	Consistent with Autism
Social Camouflage (7-35)	24	75	Consistent with Autism
Self-Regulatory Behaviours (7-35)	24	66	-
Cognitive (In)Flexibility (7-35)	29	83	Pronounced
Sensory Sensitivity (7-35)	17	46	-

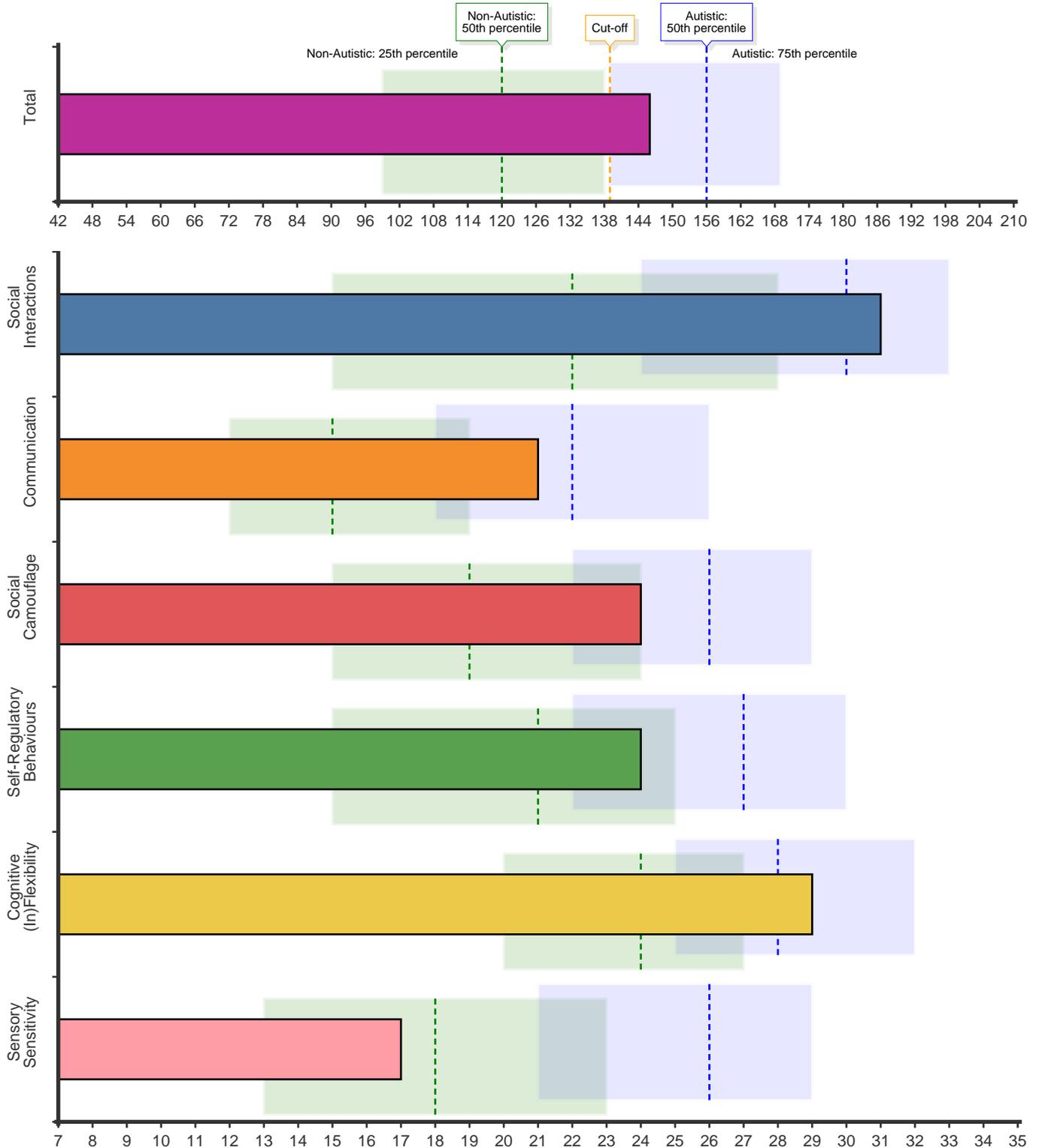
### CATI Normative Percentiles (Males)





**Client Name** | Generic Client

### CATI Scores Compared to Non-Autistic and Autistic Distributions (Males)





<b>Client Name</b>	Generic Client
--------------------	----------------

## Interpretation

The client's Comprehensive Autistic Trait Inventory (CATI) score is on the 84th percentile when compared to Non-Autistic males. When compared to Autistic males, the client's score is on the 34th percentile. The pattern of responding is consistent with Autistic adults.

The client's scores on the Social Interactions, Cognitive (In)Flexibility, Communication, and Social Camouflage subscales are consistent with Autism. In particular, the client's scores on the Social Interactions and Cognitive (In)Flexibility subscales are Pronounced.

The client's score on the **Social Interactions** subscale is on the 86th percentile when compared to Non-Autistic males and the 57th percentile when compared to Autistic males. This suggests challenges with initiating and responding to typical social interactions or maintaining relationships. They may prefer to avoid social settings. Discomfort or anxiety in social situations may be caused by ambiguous social norms or expectations that are at odds with their preferences. The items within this subscale with the highest ratings were:

- 10. *In social situations, I try to avoid interactions with other people (Definitely Agree)*
- 28. *I feel confident or capable when meeting new people (R) (Definitely Disagree)*
- 35. *I find it difficult to make new friends (Definitely Agree)*
- 8. *I generally enjoy social events (R) (Somewhat Disagree)*

The client's score on the **Cognitive (In)Flexibility** subscale is on the 83rd percentile when compared to Non-Autistic males and the 51st percentile when compared to Autistic males. This suggests a strong preference for routines and predictability. In circumstances that require problem solving, they may be adept at applying a set of narrow solutions but struggle to think broadly about other possibilities. They may find it difficult to adapt to new or unexpected situations, which can create challenges in environments that require flexibility or spontaneity. The items within this subscale with the highest ratings were:

- 34. *It annoys me when plans I have made are changed (Definitely Agree)*
- 2. *I like to stick to certain routines for every-day tasks (Somewhat Agree)*
- 5. *There are certain activities that I always choose to do the same way, every time (Somewhat Agree)*
- 14. *I like my belongings to be sorted in certain ways and will spend time making sure they are that way (Somewhat Agree)*

The client's score on the **Communication** subscale is on the 81st percentile when compared to Non-Autistic males and the 46th percentile when compared to Autistic males. This indicates potential difficulties with using and understanding non-verbal communication. This may manifest as challenges in interpreting body language or facial expressions, leading to misunderstandings or miscommunications in social exchanges. The items within this subscale with the highest ratings were:

- 13. *Reading non-verbal cues (e.g. facial expressions, body language) is difficult for me (Somewhat Agree)*
- 23. *I find it easy to sense what someone else is feeling (R) (Somewhat Disagree)*
- 33. *Metaphors or 'figures of speech' often confuse me (Somewhat Agree)*
- 19. *I can tell how people feel from their facial expressions (R) (Neither Agree nor Disagree)*

The client's score on the **Social Camouflage** subscale is on the 75th percentile when compared to Non-Autistic males and the 41st percentile when compared to Autistic males. This suggests a tendency to engage in masking or compensatory behaviours to fit in, appear neurotypical or hide autistic traits. They may expend significant mental energy attempting to conform to social norms, which can lead to exhaustion or a sense of disconnection from their authentic selves. The items



**Client Name** | Generic Client

## Interpretation (cont.)

within this subscale with the highest ratings were:

- 3. *I expend a lot of mental energy trying to fit in with others (Somewhat Agree)*
- 16. *When interacting with other people, I spend a lot of effort monitoring how I am coming across (Somewhat Agree)*
- 22. *I rely on a set of scripts when I talk with people (Somewhat Agree)*
- 39. *I try to follow certain 'rules' in order to get by in social situations (Somewhat Agree)*

## Scoring and Interpretation Information

For comprehensive information on the CATI, [see here](#).

Comprehensive Autistic Trait Inventory (CATI) scores are presented as a total scale score as well as scores on six subscales. Higher scores are indicative of more traits and characteristics associated with Autism.

- Social Interactions (Items 8, 10, 15, 17, 28, 30, 35), examining desire for, and self-appraisal in, social interactions.
- Communication (Items 13, 19, 23, 26, 33, 37, 42), examining use and understanding of non-verbal communicative behaviours.
- Social Camouflage (Items 3, 6, 9, 16, 22, 29, 39), relating to masking and compensatory behaviours used to fit in or appear Non-Autistic.
- Self-Regulatory Behaviours (Items 1, 7, 12, 20, 25, 32, 41), describing (typically repetitive) actions and physical behaviours that can help alleviate stress and anxiety.
- Cognitive (In)Flexibility (Items 2, 5, 14, 21, 27, 34, 38), relating to adaptability to changes, desire for sameness, and flexibility around routines.
- Sensory Sensitivity (Items 4, 11, 18, 24, 31, 36, 40), describing sensitivity (or hypersensitivity) to external stimuli across several sensory modalities.

The client's total and subscale scores are expressed as percentiles based on normative data for Non-Autistic adults of the same gender (e.g., male, female, or gender diverse) (English et al., 2024). The percentiles contextualise the client's scores relative to the typical scores of Non-Autistic adults. For example, the 50th percentile represents the typical levels of autistic traits among Non-Autistic adults, while scores on the 90th percentile fall within the top 10% when compared to Non-Autistic adults. Scores in this higher range are more consistent with those of Autistic adults than Non-Autistic adults.

A score is classified as "Consistent with Autism" if it more closely resembles the scores of Autistic adults of the same gender than those of Non-Autistic adults. A score is considered "Pronounced" if it is in the upper half of the Autistic distribution, reflecting higher levels of autistic traits. Scores classified as either "Consistent with Autism" or "Pronounced" suggest that the client exhibits autistic traits at a level consistent with Autistic adults of the same gender. Gender-specific distributions of scores, and their classifications, among Autistic and Non-Autistic adults are presented in the supplementary materials.

The total scale score reliably distinguishes between Non-Autistic and Autistic people, with cut-off



**Client Name** | Generic Client

### Scoring and Interpretation Information (cont.)

scores calculated through statistical analyses that maximise the chances of correctly classifying Autistic people as Autistic and minimise the chances of incorrectly classifying Non-Autistic people as Autistic (English et al., 2024). The total scale cut-off scores are as follows.

- All: 148 and above (88th percentile and above among Non-Autistic adults; 25th percentile and above among Autistic adults)

- Males: 139 and above (77th percentile and above among Non-Autistic Males; 25th percentile and above among Autistic Males)

- Females: 141 and above (86th percentile and above among Non-Autistic Females; 13th percentile and above among Autistic Females)

- Gender Diverse: 156 and above (87th percentile and above among Non-Autistic Gender Diverse adults; 22nd percentile and above among Autistic Gender Diverse adults)

Graphs comparing the total and subscale scores to the normative distribution of scores among Non-Autistic and Autistic adults are presented, with shaded areas corresponding to scores between the 25th and 75th percentile. These graphs contextualise the client's scores relative to typical levels of autistic traits among Non-Autistic and Autistic adults.

The CATI can be used by a qualified professional, such as a psychologist, as a preliminary screener during a comprehensive assessment process for Autism.

### Client Responses

		Definitely Disagree	Somewhat Disagree	Neither Agree nor Disagree	Somewhat Agree	Definitely Agree
1	I often find myself fiddling or playing repetitively with objects (e.g. clicking pens)	1	2	3	4	5
2	I like to stick to certain routines for every-day tasks	1	2	3	4	5
3	I expend a lot of mental energy trying to fit in with others	1	2	3	4	5
4	I am very sensitive to bright lighting	1	2	3	4	5
5	There are certain activities that I always choose to do the same way, every time	1	2	3	4	5
6	Sometimes I watch people interacting and try to copy them when I need to socialise	1	2	3	4	5
7	I often rock when sitting in a chair	1	2	3	4	5
8	I generally enjoy social events	5	4	3	2	1
9	I look for strategies and ways to appear more sociable	1	2	3	4	5
10	In social situations, I try to avoid interactions with other people	1	2	3	4	5



**Client Name** | Generic Client

### Client Responses (cont.)

		Definitely Disagree	Somewhat Disagree	Neither Agree nor Disagree	Somewhat Agree	Definitely Agree
11	There are times when I feel that my senses are overloaded	1	2	3	4	5
12	There are certain objects that I fiddle or play with that can help me calm down or collect my thoughts	1	2	3	4	5
13	Reading non-verbal cues (e.g. facial expressions, body language) is difficult for me	1	2	3	4	5
14	I like my belongings to be sorted in certain ways and will spend time making sure they are that way	1	2	3	4	5
15	Social interaction is easy for me	5	4	3	2	1
16	When interacting with other people, I spend a lot of effort monitoring how I am coming across	1	2	3	4	5
17	I find social interactions stressful	1	2	3	4	5
18	I am very sensitive to touch	1	2	3	4	5
19	I can tell how people feel from their facial expressions	5	4	3	2	1
20	I have a tendency to pace or move around in a repetitive path	1	2	3	4	5
21	I feel discomfort when prevented from completing a particular routine	1	2	3	4	5
22	I rely on a set of scripts when I talk with people	1	2	3	4	5
23	I find it easy to sense what someone else is feeling	5	4	3	2	1
24	I am very sensitive to particular tastes (e.g. salty, sour, spicy, or sweet)	1	2	3	4	5
25	I engage in certain repetitive actions when I feel stressed	1	2	3	4	5
26	I rarely use non-verbal cues in my interactions with others	1	2	3	4	5
27	I often insist on doing things in a certain way, or re-doing things until they are 'just right'	1	2	3	4	5
28	I feel confident or capable when meeting new people	5	4	3	2	1
29	Before engaging in a social situation, I will create a script to follow where possible	1	2	3	4	5



**Client Name** | Generic Client

### Client Responses (cont.)

		Definitely Disagree	Somewhat Disagree	Neither Agree nor Disagree	Somewhat Agree	Definitely Agree
30	Social occasions are often challenging for me	1	2	3	4	5
31	Sometimes the presence of a smell makes it hard for me to focus on anything else	1	2	3	4	5
32	There are certain repetitive actions that others consider to be 'characteristic' of me (e.g. stroking my hair)	1	2	3	4	5
33	Metaphors or 'figures of speech' often confuse me	1	2	3	4	5
34	It annoys me when plans I have made are changed	1	2	3	4	5
35	I find it difficult to make new friends	1	2	3	4	5
36	I react strongly to unexpected loud noises	1	2	3	4	5
37	I have difficulty understanding someone else's point-of-view	1	2	3	4	5
38	I like to arrange items in rows or patterns	1	2	3	4	5
39	I try to follow certain 'rules' in order to get by in social situations	1	2	3	4	5
40	I am sensitive to flickering lights	1	2	3	4	5
41	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	I have difficulty understanding the 'unspoken rules' of social situations	1	2	3	4	5