**Supplementary material**

**Table S1. The English version and the Chinese version of the CATI**

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| **English Version** | **Chinese Version** |
| **Social Interactions (SOC)** | **社会互动** |
| **1. Social interaction is easy for me.** | **1. 社交对我来说很容易。** |
| **2. I generally enjoy social events.** | **2. 通常情况下，我喜欢社交活动。** |
| 3. I find social interactions stressful. | 3. 我觉得社交互动压力很大。 |
| 4. Social occasions are often challenging for me. | 4. 对我来说社交场合经常是具有挑战性的。 |
| **5. I am confident and capable when meeting new people.** | **5. 我有信心和能力结识新朋友。** |
| **6. In social situations, I try to avoid interactions with other people.** | **6. 在社交场合，我尽量避免与他人互动。** |
| 7. I find it difficult to make new friends. | 7. 我觉得很难结交新朋友。 |
| **Communication (COM)** | **沟通交流** |
| 8. I can tell how people feel from their facial expressions. | 8. 我可以从人们的面部表情中看出他们的感受。 |
| **9. Reading non-verbal cues (e.g. facial expressions, body language) is difficult for me.** | **9. 理解非语言线索（例如面部表情、肢体语言）对我来说很困难。** |
| 10. I find it easy to sense what someone else is feeling. | 10. 我能够很容易感受到他人的感受。 |
| **11. Metaphors or ‘figures of speech’ often confuse me.** | **11. 他人隐喻或比喻的表达经常让我感到困惑。** |
| 12. I rarely use non-verbal cues in my interactions with others. | 12. 在与他人的互动中我很少使用非语言暗示。 |
| **13. I have difficulty understanding the ‘unspoken rules’ of social situations.** | **13. 我很难理解社交场合的“潜规则”。** |
| **14. I have difficulty understanding someone else’s point-of-view.** | **14. 我很难理解别人的观点和想法。** |
| **Repetitive Behaviours (REP)** | **重复行为** |
| **15. I often find myself fiddling or playing repetitively with objects (e.g. clicking pens).** | **15. 我会经常或反复摆弄某些物体（例如：按笔）。** |
| **16. There are certain objects that I fiddle or play with that can help me calm down or collect my thoughts.** | **16. 摆弄或玩某些物品可以帮助我冷静或整理思绪。** |
| 17. I often rock when sitting in a chair. | 17. 我经常坐在椅子上晃。 |
| **18. There are certain repetitive actions that others consider to be ’characteristic’ of me (e.g. stroking my hair).** | **18. 我的一些重复性动作，被认为是我的“个人特征”（例如：挠头发）。** |
| 19. I have a tendency to pace or move around in a repetitive path. | 19. 我倾向于在重复的路径上走来走去。 |
| **20. I engage in certain repetitive actions when I feel stressed.** | **20. 当我感到压力时，就会进行某些重复性的动作 。** |
| 21. I have certain habits that I find difficult to stop (e.g. biting/tearing nails, pulling strands of hair). | 21. 我有一些难以改掉的习惯（例如咬指甲、抓头发）。 |
| **Social Camouflage (CAM)** | **社交伪装** |
| 22. Sometimes I watch people interacting and try to copy them when I need to socialize. | 22. 有时我会观察人们的互动，并在需要社交时尝试模仿他们。 |
| 23. I look for strategies and ways to appear more sociable. | 23. 我寻找策略和方法，让自己显得更善于交际。 |
| **24. Before engaging in a social situation, I will create a script to follow where possible.** | **24. 在参与社交场合前，我会预先准备一个话术脚本并尽可能按照脚本行动。** |
| **25. I rely on a set of scripts when I talk with people.** | **25. 与人交谈时，我依赖一套脚本（预先准备的话术）。** |
| **26. I try to follow certain ‘rules’ in order to get by in social situations.** | **26. 我试图遵循某些“规则”，以便勉强应付社交场合。** |
| **27. I expend a lot of mental energy trying to fit in with others.** | **27. 我花费大量精力试图与他人打成一片。** |
| 28. When interacting with other people, I spend a lot of effort monitoring how I am coming across. | 28. 在与他人互动时，我会花很多精力来监控自己如何表现得体。 |
| **Cognitive Rigidity (RIG)** | **认知僵化** |
| 29. I like to stick to certain routines for every-day tasks. | 29. 我喜欢在每天的任务中坚持某些不变的常规行为惯例。 |
| **30. I like my belongings to be sorted in certain ways and will spend time making sure they are that way.** | **30. 我喜欢自己的物品以特定方式分类或排序，并且会花时间确保它们是这样的。** |
| **31. There are certain activities that I always choose to do the same way, every time.** | **31. 我总是以相同方式进行某些活动，并保证每次都是如此。** |
| **32. I often insist on doing things in a certain way, or re-doing things until they are ‘just right’.** | **32. 我经常坚持以某种方式做事，或者重新做直到它们“恰到好处”。** |
| 33. I feel discomfort when prevented from completing a particular routine. | 33. 当阻止我完成特定的常规行为时，我感到不舒服。 |
| **34. I like to arrange items in rows or patterns.** | **34. 我喜欢将物品排列成排或特定的图案。** |
| 35. It annoys me when plans I have made are changed. | 35. 当原定的计划被改变时，我会很恼火。 |
| **Sensory Sensitivity (SEN)** | **感官敏感** |
| **36. I am over-sensitive to bright lighting.** | **36. 我对明亮的灯光过于敏感。** |
| **37. I am sensitive to flickering lights.** | **37. 我对闪烁的灯光很敏感。** |
| **38. I react poorly to unexpected loud noises.** | **38. 突如其来的巨响让我很不舒服。** |
| 39. There are times when I feel that my senses are overloaded. | 39. 有时我觉得自己的感官已经超负荷了。 |
| 40. I am over-sensitive to touch. | 40. 我对触摸过于敏感。 |
| **41. I am over-sensitive to particular tastes (e.g. salty, sour, spicy, or sweet).** | **41. 我对特定的口味过于敏感（例如咸、酸、辣或甜）。** |
| 42. Sometimes the presence of a smell makes it hard for me to focus on anything else. | 42. 有时候，一种气味的存在会让我很难专注于其他事情。 |

**Note: Bolded items are items in the Chinese version of the Comprehensive Autistic Trait Inventory‐Short Form (CATI‐SF‐C). The English version of the CATI is referenced from:** [**https://doi.org/10.1186/s13229-021-00445-7**](https://doi.org/10.1186/s13229-021-00445-7)