

### **The Social And Nonsocial Autistic trait (SANA) scales**

Reference: Ronald, A., Hudry, K., Tucker, L., Pasco, G., Byrd Hornburg, C., Allison, C., Baron-Cohen, S., Elsabbagh, M., Charman, T. & Johnson, M. H. (in preparation). Development of the social and non-social autistic trait (SANA) scales for early childhood: factor structure, reliability, validity and specificity: Pilot study.

No.	Items	Response
1	When you approach your child to pick him up, does s/he often reach his/her arms up in anticipation of being lifted up by you? R	Not true/ Quite True/ Very True
2	Does your child point to show you things out of interest, not just when he wants something? R	Not true/ Quite True/ Very True
3	Does s/he often show distress when there are changes to his/her daily routine?	Not true/ Quite True/ Very True
4	When you call his/her name, does s/he turn to you? R	Not true/ Quite True/ Very True
5	Can it often be hard to redirect your child's attention if s/he is focused on something?	Not true/ Quite True/ Very True
6	Does your child change his facial expression often to reflect others' expressions around him, for example, laughing when others are laughing, looking anxious when others are upset? R	Not true/ Quite True/ Very True
7	Does s/he ever fixate on an object for a long period of time?	Not true/ Quite True/ Very True
8	Does your child make regular eye contact with you? R	Not true/ Quite True/ Very True
9	Does s/he appear to have strong preferences for toys/ objects with a specific characteristic (e.g., only smooth things)?	Not true/ Quite True/ Very True

---

10	Does s/he ever appear to offer to share things with other people (siblings or adults)? R	Not true/ Quite True/ Very True
11	Does s/he appear to become immersed in a particular activity and show distress when moved away/ interrupted from it?	Not true/ Quite True/ Very True
12	Does s/he often smile back when people smile at him/her? R	Not true/ Quite True/ Very True
13	When a new person arrives does s/he usually quickly turn to look at the person's face? R	Not true/ Quite True/ Very True
14	Does your child particularly like toys or objects with organized and regular features such as an abacus (counting toy), repetitively moving mobiles, trains and train tracks?	Not true/ Quite True/ Very True
15	Does s/he appear to enjoy the company of others (other adults or babies)? R	Not true/ Quite True/ Very True
16	Does your child look a lot at details, such as patterns of objects and patterns on carpets, or textures of things?	Not true/ Quite True/ Very True
17	If s/he gets distressed from having to stop an activity, does s/he take a long time to recover?	Not true/ Quite True/ Very True
18	Does the mood of other people (e.g., happy/ sad) appear to affect his/her mood? R	Not true/ Quite True/ Very True
19	If people are looking at something, does your child appear to notice and follow their eye gaze to find out what they are looking at? R	Not true/ Quite True/ Very True
20	Does your child seem to be interested in the feel of different surfaces and textures?	Not true/ Quite True/ Very True

---

21	Does your child ever imitate? E.g. imitating movements or vocalisations. R	Not true/ Quite True/ Very True
----	--	---------------------------------

Note: R, Reversed item.