

Supplementary Table 2. Domain scores of the K-ADI-R verbal algorithm by age

	ASD	Non-ASD	Total	t [†]
	Mean (SD)	Mean (SD)	Mean (SD)	
Below 48 months (verbal)	(N=56; 43%)	(N=75; 57%)	(N=131)	
Algorithm A	13.00 (4.13)	3.29 (3.21)	7.48 (6.03)	15.20***
A1	2.61 (1.24)	0.47 (0.83)	1.39 (1.48)	11.33***
A2	2.63 (1.21)	0.95 (1.06)	1.67 (1.40)	8.51***
A3	3.26 (1.32)	0.84 (0.95)	1.89 (1.64)	11.78***
A4	4.49 (1.82)	1.04 (1.27)	2.53 (2.30)	12.22***
Algorithm B	12.35 (4.49)	2.19 (2.44)	6.58 (6.13)	15.45***
B1	4.00 (2.25)	0.51 (1.03)	2.02 (2.41)	10.88***
B2	2.39 (1.33)	0.36 (0.78)	1.23 (1.46)	10.22***
B3	2.37 (1.50)	0.43 (0.81)	1.27 (1.50)	8.87***
B4	3.60 (1.33)	0.89 (1.02)	2.06 (1.78)	13.19***
Algorithm C	4.96 (2.80)	0.80 (1.08)	2.60 (2.88)	10.64***
C1	1.84 (1.28)	0.23 (0.56)	0.92 (1.23)	8.91***
C2	1.23 (1.28)	0.28 (0.63)	0.69 (1.07)	5.14***
C3	0.63 (0.79)	0.07 (0.30)	0.31 (0.63)	5.10***
C4	1.26 (0.79)	0.23 (0.45)	0.67 (0.81)	8.85***
Algorithm D	2.86 (1.08)	0.41 (0.88)	1.47 (1.55)	14.43***
48 months and over (verbal)	(N=450; 61%)	(N=283; 39%)	(N=733)	
Algorithm A	21.28 (5.88)	2.27 (3.04)	13.94 (10.52)	57.50***
A1	4.00 (1.67)	0.17 (0.48)	2.52 (2.30)	45.72***
A2	6.51 (1.68)	0.93 (1.36)	4.35 (3.14)	49.23***
A3	4.64 (1.58)	0.64 (1.09)	3.09 (2.41)	40.52***
A4	6.14 (2.21)	0.53 (0.92)	3.97 (3.29)	47.68***
Algorithm B	16.35 (4.71)	1.62 (2.28)	10.66 (8.19)	56.55***
B1	4.90 (2.58)	0.23 (0.72)	3.10 (3.08)	36.27***
B2	3.54 (0.85)	0.33 (0.79)	2.30 (1.77)	52.23***
B3	3.01 (1.73)	0.23 (0.59)	1.94 (1.95)	31.32***
B4	4.90 (1.39)	0.83 (1.16)	3.33 (2.37)	42.64***
Algorithm C	5.80 (2.72)	0.55 (1.05)	3.77 (3.39)	36.87***
C1	2.35 (1.21)	0.24 (0.62)	1.53 (1.45)	30.99***
C2	1.38 (1.35)	0.08 (0.35)	0.88 (1.25)	19.41***
C3	0.68 (0.88)	0.01 (0.08)	0.42 (0.77)	16.22***
C4	1.39 (0.77)	0.23 (0.49)	0.94 (0.88)	24.99***
Algorithm D	3.50 (1.24)	0.23 (0.73)	2.23 (1.92)	45.06***

***p<0.001, †t-test. ASD: Autism spectrum disorder, Algorithm A: Social Interaction, A1: Failure to use nonverbal behaviors to regulate social interaction, A2: Failure to develop peer relationships, A3: Lack of shared enjoyment, A4: Lack of socioemotional reciprocity, Algorithm B: Communication, B1: Lack of or delay in spoken language and failure to compensate through gesture, B2: Relative failure to initiate or sustain conversational interchange, B3: Stereotyped, repetitive, or idiosyncratic speech, B4: Lack of varied spontaneous make-believe or social imitative play, Algorithm C: Restricted, Repetitive, and Stereotyped Patterns of Behavior, C1: Encompassing preoccupation or circumscribed pattern of interest, C2: Apparently compulsive adherence to nonfunctional routines or rituals, C3: Stereotyped and repetitive motor mannerism, C4: Preoccupation with parts of objects or nonfunctional elements of material, Algorithm D: Abnormality of development before 36 months