

Supplementary Table 3. Domain scores of the K-ADI-R non-verbal algorithm by age

| | ASD | Non-ASD | Total | t† |
|------------------------------|--------------|-------------|--------------|----------|
| | Mean (SD) | Mean (SD) | Mean (SD) | |
| Below 48 months (non-verbal) | (N=173; 66%) | (N=88; 34%) | (N=261) | |
| Algorithm A | 15.55 (4.46) | 3.99 (3.03) | 11.64 (6.80) | 24.65*** |
| A1 | 3.15 (1.41) | 0.58 (0.72) | 2.28 (1.72) | 19.37*** |
| A2 | 2.78 (1.16) | 0.89 (1.06) | 2.14 (1.44) | 12.84*** |
| A3 | 3.91 (1.37) | 1.03 (1.21) | 2.93 (1.90) | 16.61*** |
| A4 | 5.72 (1.97) | 1.49 (1.27) | 4.29 (2.67) | 20.93*** |
| Algorithm B | 9.69 (2.75) | 2.27 (2.14) | 7.18 (4.35) | 23.93*** |
| B1 | 5.38 (2.07) | 1.11 (1.43) | 3.93 (2.76) | 19.40*** |
| B4 | 4.27 (1.33) | 1.14 (1.32) | 3.21 (1.99) | 18.05*** |
| Algorithm C | 4.09 (2.04) | 0.91 (1.07) | 3.02 (2.33) | 16.50*** |
| C1 | 1.26 (1.08) | 0.26 (0.56) | 0.92 (1.05) | 9.81*** |
| C2 | 0.62 (0.85) | 0.17 (0.46) | 0.47 (0.77) | 5.54*** |
| C3 | 0.72 (0.88) | 0.14 (0.41) | 0.52 (0.80) | 7.27*** |
| C4 | 1.50 (0.64) | 0.34 (0.59) | 1.11 (0.83) | 14.60*** |
| Algorithm D | 3.78 (1.14) | 0.81 (1.19) | 2.77 (1.82) | 19.60*** |

Non-verbal individuals over 48 months were not included as there were no non-ASD participants who met the criteria. ***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, 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