

Supplementary Table 1

Participant Demographics

Group	ASD (28)	TD (34)	TD M (19)	TD F (15)	ASD M (17)	ASD F (11)
Age	27 (8.39)	27 (7.56)	26 (7.35)	28 (8.03)	23 (4.09)	33 (9.72)
FSIQ	102 (16.23)	113 (12.56)	114 (12.63)	112 (12.81)	102 (16.77)	101 (16.01)
VIQ	104 (18.25)	111 (14.00)	112 (13.44)	110 (14.96)	106 (16.90)	101 (20.34)
NVIQ	100 (15.48)	114 (11.44)	115 (11.00)	113 (12.23)	99 (17.04)	101 (12.51)
Ethnicity						
White	21	4	0	4	11	10
Asian	2	14	11	3	1	1
Hispanic	1	2	1	1	1	0
Black	0	4	2	2	0	0
Unknown	4	10	5	5	4	0

Note. Participants are grouped by Autism Spectrum Disorder (ASD) and typically developing (TD) group as well as sex/gender (M = male, F = female). FSIQ = full scale IQ; VIQ = verbal IQ; NVIQ = nonverbal IQ. Group size is presented in parentheses after each group name. Age and IQ scores are presented as mean (standard deviation) for each group. Ethnicity breakdown is presented as number of participants endorsing each ethnicity.

Supplementary Table 2

Assessment Scores by Diagnosis and Sex/gender Groups

Group (<i>n</i>)	ASD (28)	TD (34)	TD M (19)	TD F (15)	ASD M (17)	ASD F (11)
AQ Total	31.75 (6.50)	17.26 (8.69)**	19.32 (9.17)	14.67 (7.52)	29.35 (5.26)	35.45 (6.70)*
RAADS Total	126.61 (36.53)	50.91 (40.57)**	58.58 (45.29)	41.2 (32.58)	116.47 (37.01)	142.27 (31.09)
SRS Total	69.29 (8.61)	50.76 (9.43)**	53.33 (10.78)	47.67 (6.59)	68.47 (8.22)	70.55 (9.44)
SPAI Social Phobia Total	110.76 (37.84)	67.68 (39.55)**	73.40 (42.85)	61.08 (35.92)	106.71 (35.90)	115.91 (41.35)
AQ Social Skills	6.75 (2.50)	3.12 (2.66)**	3.37 (2.75)	2.80 (2.60)	6.41 (2.53)	7.27 (2.49)
AQ Attention Switching	7.36 (1.81)	4.65 (2.28)**	5.21 (2.12)	3.93 (2.34)	6.59 (1.50)	8.55 (1.63)*
AQ Attention to Detail	6.46 (2.43)	5.12 (2.32)*	5.16 (2.32)	5.07 (2.40)	6.06 (2.30)	7.09 (2.59)
AQ Communication	6.57 (2.15)	2.47 (2.31)**	2.79 (2.62)	2.07 (1.87)	6.18 (1.88)	7.18 (2.48)
AQ Imagination	4.61 (1.99)	1.91 (1.78)**	2.79 (1.84)	0.80 (0.86)**	4.12 (2.06)	5.36 (1.69)

Group (<i>n</i>)	ASD (28)	TD (34)	TD M (19)	TD F (15)	ASD M (17)	ASD F (11)
RAADS Social Relatedness	61.11 (20.21)	25.74 (21.80)**	30.26 (24.73)	20.00 (16.46)	56.12 (21.78)	68.82 (15.36)
RAADS Circumscribed Interest	24.71 (9.56)	9.12 (6.66)**	10.74 (7.09)	7.07 (5.64)	22.59 (8.08)	28.00 (11.09)
RAADS Language	10.36 (4.25)	4.74 (3.86)**	5.42 (4.61)	3.87 (2.53)	9.88 (4.43)	11.09 (4.04)
RAADS Sensory Motor	30.25 (12.08)	10.91 (11.24)**	12.00 (11.26)	9.53 (11.44)	27.76 (12.10)	34.09 (11.54)
SRS Awareness	63.36 (9.00)	49.42 (10.98)**	51.17 (11.76)	47.33 (9.96)	63.94 (8.91)	62.45 (9.51)
SRS Cognition	64.14 (10.04)	49.21 (8.63)**	51.89 (9.52)	46.00 (6.34)*	61.00 (8.86)	69.00 (10.18)*
SRS Communication	67.43 (8.83)	48.85 (9.38)**	52.00 (10.72)	45.07 (5.79)*	67.35 (9.09)	67.55 (8.84)
SRS Motivation	67.43 (10.51)	55.30 (10.34)**	56.06 (11.24)	54.40 (9.45)	66.47 (10.79)	68.91 (10.39)
SRS RRB	73.11 (11.19)	51.39 (8.84)**	53.89 (9.60)	48.40 (7.01)	72.53 (10.71)	74.00 (12.37)
SRS SCI	67.64 (8.35)	50.67 (9.59)**	53.22 (11.05)	47.60 (6.59)	66.59 (7.99)	69.27 (9.01)

Group (<i>n</i>)	ASD (28)	TD (34)	TD M (19)	TD F (15)	ASD M (17)	ASD F (11)
BEQ EE	72.75 (19.23)	70.21 (15.53)	63.79 (14.94)	78.93 (11.95)*	67.29 (18.08)	81.18 (18.61)
BEQ PE	19.50 (5.75)	21.48 (4.80)	20.68 (4.95)	22.57 (4.54)	17.94 (5.83)	21.91 (4.93)
BEQ NE	23.68 (8.43)	21.82 (6.06)	19.53 (6.12)	24.93 (5.93)*	23.71 (6.02)	23.64 (11.58)
BEQ IS	29.57 (9.25)	26.91 (7.79)	23.58 (8.00)	31.43 (4.75)*	25.65 (9.21)	35.64 (5.37)*
CAM	-	-	-	-	0.03 (0.20)	0.34 (0.24)*
SB-5 WM	96.26 (17.54)	111.06 (12.83)*	112.65 (12.33)	109.27 (13.57)	96.41 (18.76)	96.00 (16.21)
ADOS TOTAL SCORE	-	-	-	-	13.53 (5.50)	8.09 (4.57)*

Note: Only 15 males had an ADOS module 4 (and therefore camouflaging score). We were unable to obtain one ADOS; the other participant completed a module 3 years ago in a previous research study. AQ = Autism Spectrum Quotient; RAADS = Ritvo Autism Asperger Diagnostic Scale –Revised; SRS = Social Responsiveness Scale-2; SPAI = Social Phobia and Anxiety Inventory; BEQ = Berkeley Expressivity Questionnaire; CAM = Camouflaging score. Scores are presented as mean (standard deviation). * $p < .05$, ** $p < .001$. Comparisons were done between the following groups: ASD vs TD, TD M vs TD F, ASD M vs ASD F.