Supplementary Table 3: Group Characteristics for the ABIDE Repository (N=1112)

	Sites (N=20)	Ranges Across Sites								Grand Mean and SD						Group Comparisons		
		<b>ASD</b> (N=539)			<b>TC</b> (N=573)			<b>ASD</b> (N=539)			TC (N=573)			Mann-Whitney				
Variable*	n	Min	Max	Mean	SD	Min	Мах	Mean	SD	Sub n	Mean	SD	Sub n	Mean	SD	Ζ	U	р
Age at scan (years)	20	7.0-22.0	12.5-64.0	9.9-35.0	1.3-14.9	6.5-20.0	12.0-56.2	9.9-33.7	1.1-11.2	539	17.0	8.4	573	17	7.7	-0.701	150673.5	0.484
Full IQ**	19	41-95	118-148	93-115	12-22	73-101	124-148	105-116	9-17	524	105	17	558	111	12	-6.182	121343	<.0001
Verbal IQ	15	42-93	108-180	89-116	12-23	67-103	125-147	106-117	10-20	445	104	18	461	112	13	-6.094	84090.5	<.0001
Performance IQ	15	37-92	126-157	92-114	11-20	67-96	123-155	101-114	8-18	445	105	17	461	108	13	-1.831	105879	0.067
ADI-R Scaled Scores	14	-	-	-	-	-	-	-	-	393	-	-	-	-	-	-	-	-
Social	14	7-12	22-30	17-22	4-7	-	-	-	-	393	20	5	-	-	-	-	-	-
Communication	14	2-11	20-26	13-18	3-6	-	-	-	-	393	16	4	-	-	-	-	-	-
RRB	14	0-3	8-13	5-8	2-3	-	-	-	-	393	6	3	-	-	-	-	-	-
Onset	11	0-2	3-5	3-4	1-2	-	-	-	-	219	3	1		-	-	-	-	-
ADOS (Lord et al.¹) Scaled Scores***	13	-	-	-	-	-	-	-	-	375	-	-	-	-	-	-	-	_ '
Total Score (Social+Communication)	13	2-9	15-22	10-14	3-5	-	-	-	-	375	12	4	-	-	-	-	-	-
Social	12	2-7	10-14	7-10	1-3	-	-	-	-	350	8	3	-	-	-	-	-	-
Communication	12	0-2	6-8	3-5	1-2	-	-	-	-	350	4	2	-	-	-	-	-	-
RRB	10	0-1	3-8	1-3	1-2	-	-	-	-	310	2	2	-	-	-	-	-	- '
ADOS (Gotham et al.²)****	9	-	-	-	-	-	-	-	-	271	-	-	-	-		-	-	
Social Affect & RRB Total	8	2-10	17-28	11-16	3-5	-	-	-	-	251	13	5	-	-	-	-	-	-
Social Affect	8	2-7	12-20	8-13	2-4	-	-	-	-	251	10	4	-	-	-	-	-	-
RRB	9	0-1	6-8	2-4	1-2	-	-	-	-	271	3	2	-	-	-	-	-	-
Calibrated Severity Score	8	1-6	9-10	6-9	1-2	-	-	-	-	251	7	2	-	-	-	-	-	-
																	Chi-Square	
	n	Min	Max			Min	Max			Sub n	n	%	Sub n	n	%	Value	df	р
Sex (males)	20	11	68	-		10	79	-		539	474	88	573	474	83	6.015	1	0.014
Handedness (right handed)^	20	10	61	-		12	99	-		539	451	84	573	518	90	12.511	2	0.002
Eye Status at R-fMRI (eyes open)	20	0	68	-		0	89	-		539	375	70	573	390	68	0.295	1	0.587
DSM-IV-TR Diagnosis (Autism)^^	14	2	57	-		-	-	-		410	269	66	-	-	-	-	-	-
Medication Status (on meds)^^^	15	0	25	-		-	-	-		421	134	32		-	-	-	-	-
Comorbidity^^^	3	1	41	-		-	-	-		116	55	47	-	-	-	-	-	-

Ranges of minima, maxima, means and standard deviations of the mean (SD) for continuous phenotypic variables and minima, maxima for categorical variables available for each group (Autism Spectrum Disorders [ASD] and Typical Controls [TC]), as well as group mean and SD for continuous variables and total and percentages for categorical variables. Measures are based on non imputted values to avoid a bias in representing their distribution variance.\*Only information from sites with a variable available for at least 75% of the participants in each diagnostic group are included in these counts. \*\*Details on assessment protocols for each site are available on the ABIDE website (http://fcon\_1000.projects.nitrc.org/indi/abide/).\*\*\*Modules 2, 3 and 4 were employed in 2, 10, 12 sites, respectively. \*\*\*The eveloped for Modules 1, 2 and 3, (used in 0, 3 and 8 samples, respectively). \*for 3 sites providing dimensional measures of handedness based on standard scales, we assigned right-handedness for any positive score > 0 and left-handedness for negative scores, 0 values were defined as ambidextrous. \*\*Six samples classified probands as having ASD but did not use specific DSM-IV-TR labels. \*^A13 sites provided information on use of psychoactive medication within the month prior to the scan; 2 sites provided medication use at any time within a year from enrollement in their study. 33% of the individuals with ASD for which information was provided, used psychoactive medications. Medications typically used to target ADHD (e.g., stimulants) were most frequent, followed by antidepressants and then by antipsychotics. \*^50% of individuals using stimulants had medication discontinued 24 hours prior to the scan. \*^^^^47% of the inidividuals with ASD with available information on comorbidity carried at least one comorbid diagnosis. Of them, 31% presented with two or more comorbid diagnoses. ADI-R=Autism Diagnostic Interview-Revised; ADOS=Autism Diagnostic Observation Schedule; IQ=Intelligence Quotient; RB=Restricted Reptaviors. Sub=Sub