Supplementary Table 2: ABIDE Samples, Consortium Sites, Contributors, Dataset Size

Letter	Contributing Sites (Sample)	Principal Investigators and Key Contributors	n		n*		n**		R-fMRI Pub
			ASD	*TC*	*ASD*	*TC*	*ASD*	*TC*	ASD vs TC
a	Carnegie Mellon University (CMU)	Ilan Dinstein, Marlene Behrmann, Nancy Minshew	14	13	-	-	-	-	Y[1]
b	University of California, Los Angeles (UCLA 2)	Susan Bookheimer, Mirella Dapretto, Jeffrey D. Rudie	13	14	10	11	-	-	Y[2,3]
c	Oregon Health and Science University (OHSU)	Damien Fair, Joel Nigg	13	15	11	14	8	8	N
d	University of Leuven – (Leuven 1)	Kaat Alaerts, Nicole Wenderoth	14	15	13	14	11	11	N
e	Social Brain Lab, BCN NIC UMC Groningen and Netherlands Institute for Neurosciences (SBL)	Marc Thioux, Leonardo Cerliani, Christian Keysers	15	15	-	-	-	-	N
f	University of Michigan (UM 2)	Scott Peltier, Catherine Lord, Christopher S. Monk, Jillian L. Wiggins, Susan Risi, Opal Ousley	13	22	12	20	8	17	Y[4,5,6]
g	University of Leuven (Leuven 2)	Stefan Sunaert, Judith Verhoeven	15	20	10	14	6	8	N
h	San Diego State University (SDSU)	Ralph-Axel Müller, Christopher Keown	14	22	10	12	7	9	N
i	Olin Neuropsychiatry Research Center, Institute of Living at Hartford Hospital (Olin)	Michal Assaf	20	16	14	13	-	-	Y[7]
j	California Institute of Technology (Caltech)	Daniel P. Kennedy, J. Michael Tyszka, Ralph Adolphs	19	19	-	-	-	-	Y[8]
k	Stanford University (Stanford)	Lucina Uddin, Kaustubh Supekar, Vinod Menon	20	20	13	16	9	10	Y[9,10]
l	Trinity Centre for Health Sciences (Trinity)	Louise Gallagher, Sonja Delmonte, Joshua Balsters	24	25	22	24	12	19	N
m	Kennedy Krieger Institute (KKI)	Stewart H. Mostofsky, Mary Beth Nebel	22	33	14	24	-	-	N
n	Yale Child Study Center (Yale)	Kevin Pelphrey, Ben Deen	28	28	12	14	-	-	N
o	Ludwig Maximilians University Munich (MaxMun)	Sophia Mueller, Birgit Ertl-Wagner, Kristina Hennig-Fast, Michele Noterdaeme	24	33	19	28	9	21	N
p	University of Pittsburgh School of Medicine (Pitt)	Beatriz Luna, Kirsten O'Hearn	30	27	25	19	8	7	N
q	University of California, Los Angeles (UCLA 1)	Mirella Dapretto, Susan Bookheimer, Jeffrey D. Rudie	49	33	30	26	14	20	Y[2,3]
r	University of Utah School of Medicine (USM)	Jeffrey S. Anderson, Jared A. Nielsen, Alyson L. Froehlich, Molly B. DuBray, Michael A. Ferguson, T. Jason Druzgal, Annahir N. Cariello, Jason R. Cooperrider, Brandon A. Zielinski, Caitlin Ravichandran, P. Thomas Fletcher, Andrew L. Alexander, Erin D. Bigler, Nicholas Lange, Janet E. Lainhart	58	43	49	40	27	27	Y[11,12]
s	University of Michigan (UM 1)	Christopher S. Monk, Jillian L. Wiggins, Scott Peltier, Catherine Lord	55	55	32	37	19	28	Y[4,5,6]
t	NYU Langone Medical Center (NYU)	Adriana Di Martino, F. X. Castellanos, Michael P. Milham, Clare Kelly	79	105	64	77	46	68	Y[13]
			539	**573**	**360**	**403**	**184**	**253**	

An alphabetical letter is assigned to each contributing sample whose institution is listed along with the acronym related to their specific sample(s). The principal investigators along with key contributors in each donating site are also listed. n=number of datasets shared in the ABIDE repository per group: Autism Spectrum Disorders and Typical Controls (ASD, TC, respectively); n*=data included in the primary imaging analyses; n**=number of datasets included in secondary analyses following "scrubbing" of frames with framewise movement > 0.2 mm: only sites with at least six subjects per group retaining at least 50% frames < 0.2 mm were included in secondary group analyses (Supplementary Information). The last column indicates whether samples were previously used for resting state fMRI publications (R-fMRI Pub) of ASD vs. TC comparisons. Prior publications are indicated by "Y," along with a superscript referencing the publication. Referenced publications are listed below. **1**. Dinstein I, Heeger DJ, Lorenzi L, Malach R, Behrmann M. Unreliable evoked responses in autism. Neuron 2012; 75(6): 981-991 **2**. Rudie JD, Hernandez LM, Brown JA, et al. Autism-associated promoter variant in MET impacts functional and structural brain networks. Neuron 2012; 75(5): 904-915. **3**. Rudie JD, Shehzad Z, Hernandez LM, Colich NL, Bookheimer SY et al. Reduced functional integration and segregation of distributed neural systems underlying social and emotional information processing in autism spectrum disorders. Cereb Cortex 2012; 22(5): 1025-1037. **4**. Monk CS, Peltier SJ, Wiggins JL, Weng SJ, Carrasco M, et al. Abnormalities of intrinsic functional connectivity in autism spectrum disorders. Neuroimage 2009; 47(2): 764-772. **5**. Weng SJ, Wiggins JL, Peltier SJ, Carrasco M, Risi S, et al. Alterations of resting state functional connectivity in the default network in adolescents with autism spectrum disorders. Brain Res 2010; 1313: 202-214. **6**. Wiggins JL, Peltier SJ, Ashinoff S, Weng SJ, Carrasco M, et al. Using a self-organizing map algorithm to detect age-related changes in functional connectivity during rest in autism spectrum disorders. Brain Res 2011; 1380: 187-197. **7**. Assaf M, Jagannathan K, Calhoun VD, Miller L, Stevens MC, et al. Abnormal functional connectivity of default mode sub-networks in autism spectrum disorder patients. Neuroimage 2010; 53(1): 247-256. **8.** Tyszka JM, Kennedy DP, Paul LK, Adolphs R. Largely Typical Patterns of Resting-State Functional Connectivity in High-Functioning Adults with Autism. Cereb Cortex. 2013 [Epub ahead of print**]. 9.**Uddin L, Supekar K, Lynch CJ, Khouzam A, Phillips J, et al. Salience network based classification and prediction of symptom severity in children with autism. JAMA Psychiatry (formerly Archives of General Psychiatry) In press. **10**. Lynch CJ, Uddin LQ, Supekar K, Khouzam A, Phillips J et al. Default Mode Network in Childhood Autism: Posteromedial Cortex Heterogeneity and Relationship with Social Deficits. Biol Psychiatry (2013). [Epub ahead of print] **11**. Anderson JS, Nielsen JA, Froehlich AL, DuBray MB, Druzgal TJ, et al. Functional connectivity magnetic resonance imaging classification of autism. Brain 2011; 134(Pt 12): 3742-3754. **12**. Anderson JS, Druzgal TJ, Froehlich A, DuBray MB, Lange N, et al. Decreased interhemispheric functional connectivity in autism. Cereb Cortex 2011; 21(5): 1134-1146. **13**. Di Martino A, Zuo X-N, Kelly C, Grzadzinski R, Mennes M, Schvarcz A, et al. Shared and Distinct Intrinsic Functional Network Centrality in Autism and Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry. In press