	Demographics:								Conditions:			Acquisition:			Preprocessing:					Seed:		Field of view:		Statistics:			Findings:	
	Groups:																										
Publication	ASD n	Age	IQ	Diagnosis	TD n	Age	IQ	Group Matching	Task	Control	Design	TR (sec.)	Voxel size (mm)	Number of time points	Detected Head motion	Head motion regressed out?	Band pass filter	Global signal regressed out?	Task regressed out	Derived from activation, anatomy?	Vol. µl (or radius)	ROIs	Whole brain?	Type	r-z' conversion	Negative correlations?	TD > ASD	ASD > TD
Agam et al. 2010	11 (2F)	28±10	VIQ 124±12; NVIQ 120±10	ADI-R, ADOS (7 HFA, 2 ASP, 2 PDD-NOS)	14 (6F)	27±8	VIQ 114±9	mAGE, mGEN, Estimate VIQ	Visual Saccade	Fixation	Event-related	2	3.13x3.13x5	211	ns	yes	BP (0.009 Hz-.08 Hz)	ns	no	anat + aCOMB	ns	Each seed region and all other voxels in the brain	yes	SSL: corr; GL: t-test on smoothed z-scores	yes	ns	dACC-Frontal eye field (FEF)	Significant effects in L prefrontal and pericentral cortex (shown in Fig. 5, but not discussed)
Anderson et al., 2010	53 (4LH)	22.4 ±7.2	VIQ: 101.3 ±21.1; NVIQ: 101.3 ±16.5	ADOS, ADI-R, DSM-IV (49 AUT; 1 ASP; 3 PDD-NOS)	39 (2 AMB; 1 LH)	21.1 ±6.5	VIQ: 116.0 ±14.8; NVIQ: 114.2 ±13.9	mAGE	n/a: Rest	n/a	n/a	2	3 x ns x ns	240	ns	ns	.001 Hz-.1 Hz	no	n/a	anat	single voxel	Each voxel and homotopic voxel in opposite hemi-sphere for entire brain	no: only 1 homo-topic voxel for each single-voxel seed	SSL: Corr; GL: t-test on smoothed z-scores, GLM with covariates	yes	ns; but seem to be apparent in Fig. 5C	Total interhemispheric connectivity; Interhemispheric correlations for sensorimotor cortex, frontal insula, and superior parietal lobe	None
Assaf et al., 2010	15	15.7 ±3.0	FSIQ: 113.3 ±15.0	ADOS, ADI-R	15	17.1 ±3.6	FSIQ: 117.1 ±16.9	mAGE, mFSIQ, mGEN	n/a: Rest	n/a	n/a	1.5	3.4 x 3.4 x 5	210	Average in x, y, z direction is 3.2mm; no group difference	Excluded motion comp-onents	n/a	n/a	n/a	aCOMB	n/a	DMN comp-onents only	no: fc meas-ures ana-lyzed only for DMN compo-nents	SSL: ICA, Z-score spatial maps from GL-derived components; GL: t-test	n/a	ns	Precuneus, ACG	None
Bird et al., 2006	16	33.3 ±11.5	FSIQ: 119 ±14	ADOS, ASQ; 1 AUT, 15 ASP	16	35.3 ±12.1	FSIQ: 119 ±13.2	mAGE, mFSIQ, mGEN	Selective attention	Fixation	Event-related	2.97	ns x ns x 3.75	627	ns	ns	HP (.01 Hz)	ns	ns	aCOMB	rad= 6mm	FFA, PHG, FG, LH V1	no	SSL: DCM; GL: ANOVA	ns	ns	Attentional modulation: V1 <=> Face selection region; House selective ROI => V1	None
Brieber et al., 2010	15 (1LH); only 14 in-cluded in fcMRI analy-sis	16.42 ±2.28	FSIQ: 108.53 ±15.34; VIQ: 114.07 ±16.69; NVIQ: 101.2 ±12.43	ADOS, ADI (13 ASP; 2 HFA)	15 (2LH); only 14 in-cluded in fcMRI analy-sis	15.35 ±1.8	FSIQ: 115.07 ± 11.62; VIQ: 115.07 ±12.79; NVIQ: 112.13 ± 9.45	mAGE, mFSIQ, mVIQ	Coherent motion task	Jittered Null	Event-related	3	4 x 3.1 x 3.1 (0.4m m gap)	230	ns	ns	HP	no	no	aCOMB	ns; at least 3 active voxels	4 ROIs aCOMB	no	SSL: Corr; GL: z-test on z-scores	yes	ns	None	None
Cherkassky et al., 2006	57 (4F; 7 LH)	24 ±10.6	FSIQ: 106 ±16.2; VIQ: 104 ±16.1	ADOS-G, ADI-R; HFA	57 (5F; 4LH)	24 ±9.0	FSIQ: 113 ±11.3; VIQ: 108 ±10.5	mAGE, mFSIQ, mVIQ	6 fMRI studies: TOL, language-related, response inhibition, & TOM	Rest	Block	TOL: 3; Other tasks: 1	3.125 x 3.125 x 5	ns	ns	ns	HP (.01 Hz-.004 Hz)	ns	no	aCOMB	rad= 6mm	12 ROIs aCOMB (time series averaged within ROIs)	no	SSL: Corr (repeated subjs); GL: Compared in a random-effects mode	yes	ns	94% ROI pairs (DMN regions)	ns

Damarla et al., 2010	13 (2F; 1LH)	19 ±5.5	FSIQ: 109.5 ±8.7; VIQ: 107.7 ±9.03; NVIQ: 109.5 ± 11.4	ADOS, ADI	13 (1LH)	22.1 ± 4.25	FSIQ: 111.5 ±5.75; VIQ: 109.8 ±6.75; NVIQ: 110.5 ±5.96	mAGE, mIQ, mSES	Embedded figures task	Fixation	Block	1	5 x 3.125 x 3.125 (1mm gap)	144	ns	ns	ns	ns	no	aCOMB	ns	12 ROIs aCOMB	no	SSL: Corr; GL: ANOVA on z-scores, post-hoc t-tests	yes	ns	Frontal-Posterior	None
Ebisch et al., 2010	14 (4F)	15.79 ±1.93	FSIQ: 106.5 ±20.01	ADI-R, DSM-IV; HFA, 10 ASD, 4 ASP	15 (2F)	15.95 ±1.65	FSIQ: 104.9 ±8.45	mAGE, mFSIQ, mGEN, mHAND	n/a: Rest	n/a	n/a	1.99	3.5 x 3.5 x ns	ns	Pts with "excessive motion" excluded; no group dif-ferences	yes	.009 Hz-.08 Hz	yes	ns	aTD (litTD) + aTD	rad= 6mm	RH aIC, LH aIC , RH pIC, LH pIC	yes	SSL: Corr; GL: t-test (seed based connectivity) SSL: Cross Corr Matrix; GL: t-test (ROI-based fc analyses)	yes	ns	posterior insular cortices and somatosensory cortices including the amygdala	ns
Jones et al., 2010	16	16.1 ±2.6	FSIQ: 117.5 ±16.4	ADOS, ADI-R; ASD	20	17.1 ±2.1	FSIQ: 114.0 ±9.0	mAGE, mFSIQ	Verbal fluency	Months (over-learned); Rest	Block	2	3.8 x 3.8 x 5	920	ns per group; TPs with SSD>1 censored; pts with >25% data loss discarded	yes (in M2-3)	LP (.1Hz)	M1-3: no; M3+ GSR: yes	M1 = no; M2 = only 1 regr for all 4 tasks cond.; M3 = 4 separate regrs	aCOMB + aTD	ns	17 ROIs aCOMB + 3TNN + 3TPN; time series averaged w/in each ROI	ns	SSL: Regression ; GL: t-test on z'	yes	Obs & Incl	M1 = 10 ROI pairs; M2 = 5; M3=3; M3+GSR = 2	M3 + GSR: 5 marginal
Just et al., 2004	17 (3LH)	ns	ns	ADOS, ADI; HFA	17 (1LH)	ns	ns	mAGE, mFSIQ, mGEN, mRACE, mSES	Sentence comprehen-sion	None: Only task blocks analyzed	Block	3	3.125 x 3.125 x 5	ns	<.7mm	ns	ns	ns	no	aTD (litTD)	35 µl	35 ROIs anat (presumed activation)	no	SSL: Corr; GL: Repeated measures ANOVA	yes	ns	10/186 ROI pairs	None
Just et al., 2007	18	27.1 ±11.9	FSIQ: 109.3 ±17.7; VIQ: 112.2 ±17.0	ADOS, ADI	18	24.5 ±9.9	FSIQ: 108.1 ±13.8; VIQ: 107.9 ±10.9	mAGE, mFSIQ, mGEN	TOL	Fixation	Block	3	3.125 x 3.125 x 5	ns	ns	ns	LP	ns	no	aCOMB	rad= 10-12mm	15 ROIs aCOMB	no	SSL: Corr; GL: ANOVA on averaged z' pairs and factor analysis	yes	ns	Frontal-Parietal	ns
Kana et al., 2006	12 (2F; 1LH)	22.5 ±8.8	FSIQ: 110.7 ±9.2; VIQ: 109.7 ±10.8	ADOS, ADI	13 (1LH)	20.3 ±4.0	FSIQ: 113.2 ±9.2; VIQ: 109.4 ±10.5	mAGE, mFSIQ, mGEN, mHAND, mVIQ	Sentence processing (Imagery)	None: Only task blocks analyzed	Block	1	3.125 x 3.125 x 5	ns	Pts with "excessive motion" excluded	ns	LP	ns	no	aCOMB	rad= 5-10mm	21 ROIs aCOMB	no	SSL: Corr; GL: ANOVA on averaged z' pairs for inter- and intra-lobe networks	yes	ns	Frontal-Parietal	None
Kana et al., 2007	12	26.8 ±7.7	FSIQ: 110.1 ±12.6; VIQ: 110.1 ±14.4; NVIQ: 107.1 ±13.8	ADOS, ADI	12	22.5 ±3.2	FSIQ: 117.0 ±8.7; VIQ: 114.0 ±10.0; NVIQ: 116.9 ±6.4	mAGE, mFSIQ, mGEN, mHAND	Go/No-Go	Fixation	Block	1	3.125 x 3.125 x 5	ns	ns	ns	LP	ns	no	aCOMB	rad= 5-10mm	21 ROIs aCOMB	no	SSL: Corr; GL: ANOVAs and t-tests on z' pairs between "network" seeds and individual ROIs	yes	ns	Inhibition network (CG + INS); RIFG; IPL	ns

Kana et al., 2009	12	24.6 ±6.9	FSIQ: 104.3 ±14.4; VIQ: 104.1 ±14.4; NVIQ: 102.8 ±13.6	ADOS-G, ADI-R; HFA	12	24.4 ±3.7	FSIQ: 114.3 ±8.6; VIQ: 110.6 ±9.9; NVIQ: 115.2 ±7.4	mAGE, mFSIQ, mGEN, mRACE, mSES	TOM	Fixation	Block	1	3.125 x 3.125 x 5	ns	Pts with "excessive motion" excluded	ns	HP	GIS	no	aCOMB	rad= 4-8mm	15 ROIs aCOMB	no	SSL: Corr; GL: t-test, mixed ANOVA	yes	ns	Within TOM network for TOM and Random conditions; between fronto-parietal ROIs	ns
Kennedy and Cour-chesne, 2008	12	26.5 ±12.8	FSIQ: 101.6 ±15.2; VIQ: 97.2 ±18.4; NVIQ: 105.3 ±14.9;	ADOS, ADI; 6 AUT, 6 ASP	12	27.5 ±10.9	FSIQ: 111.5 ±8.3; VIQ: 105.6 ±4.5; NVIQ: 115.7 ±12.7	mAGE, mFSIQ, mGEN, mNVIQ, mVIQ	n/a: Rest	n/a	n/a	2	3.44 x 3.44 x 4	210	TPs with SSD >0.3 removed. Pts with >20% TPs removed were excluded	yes (Temporal derivat-ives of motion output also used as re-gressors)	.01 Hz-.1 Hz	GIS; GSR	ns	aTD	ns	7TPN, 6TNN ROIs, aTD	no	SSL: Corr; GL: ANOVA on z-scores, post-hoc t-tests	yes	Incl	Within TNN in MPFC and LAG	None
Kleinhans et al., 2008	19	23.5 ±7.8	FSIQ: 106.7 ±15.7 (85-139); VIQ: 106.8 ±15.9 (76-140); NVIQ: 105 ±16.2 (83-133)	ADOS, ADI; 8 AUT, 9 ASP, 2 PDD-NOS	21	25.1 ±7.6	FSIQ: 109.1 ±14.4; VIQ: 107.5 ±13.6; NVIQ: 108.5 ±17.1	mAGE, mFSIQ, mNVIQ, mVIQ	Face, house working memory	Fixation	Block	3	ns x ns x 6 (1mm gap)	112	Pts with "excessive motion" excluded	yes	HP (.01 Hz)	ns	ns	aCOMB	ns	no	yes	SSL: Psychophysiol ogical interaction; GL: t-test on output from mixed-effects analysis	ns	no	PCG (incl. LCu); L AMY, Thal	None
Koshino et al., 2005	14	25.7	FSIQ: 100.1; VIQ: 102.6	ADOS, ADI	14	29.8	FSIQ: 109.1, VIQ:10 8.3	mAGE, mFSIQ, mGEN, mVIQ	N-back	Fixation	Block	1	3.125 x 3.125 x 5	ns	ns	ns	ns	ns	ns	no	anat	ns	c. 20 ROIs anat	no	SSL: Corr; GL: t-tests used to compare z' values between ROI pairs	yes	ns	L IPL <=> R DLPFC, R FEF, R post PreCS, bilateral IPS, R SPL; L IPS <=> supParaCing	L DLPFC & R inferior temporal lobe
Koshino et al., 2008	11	24.5 ±10.2	FSIQ: 104.5 ±13.1; VIQ: 106.1 ±14.1; NVIQ: 102.1 ±13.8	ADOS, ADI	11	28.7 ±10.9	FSIQ: 108.6 ±9.1; VIQ: 108.0 ±8.6; NVIQ: 108.6 ±9.9	mAGE, mFSIQ, mNVIQ, mVIQ	N-back face recognition	Fixation	Block	1	3.125 x 3.125 x 5 (1mm gap)	ns	ns	ns	LP	ns	ns	no	aCOMB	rad= 4-10mm	13 ROIs aCOMB	no	SSL: Corr; GL: t-tests used to compare z' values between ROI pairs	yes	ns	bilateral fronto-parietal	None
Lee et al., 2009	12 (3F; 1LH, 2 un-known)	10.17 ±1.57	FSIQ: 113.33 ±17.33	ADOS, ADI-R, DSM-IV	12 (4F;1 un-known)	11.01 ±1.78	FSIQ: 114.92 ±10.28	mAGE, mFSIQ, mGEN	Go/No-go	Go	Block	2.5	4 x 4 x 3.7	120	ns	ns	HP (.01 Hz)	ns	ns	aCOMB	rad= 4-12mm	10 ROIs aCOMB	no	SSL: Corr; GL: Mixed ANCOVA	yes	no	R IFG <=> all other ROIs (marginal with age as covariate)	None

Lombardo et al., 2010	29	26.59 ±7.04	FSIQ: 114.14 ±16.43; VIQ: 112.93 ±15.56; NVIQ: 112.31 ±16.90	ADOS, ADI-R, ASQ, ICD-10; ASP	33	27.97 ±6.10	FSIQ: 116.27 ±11.63; VIQ: 110.79 ±12.03; NVIQ: 118.52 ±11.37	mAGE, mFSIQ, mNVIQ, mVIQ	Mentalizing/ Physical judgment about self or a familiar non-close "other"	Fixation	Block	2	3.75 x 3.75 x 3	320	ns	ns	HP (.01 Hz)	GIS	no	aTD (litTD)	ns	no	yes	SSL: PPI; GL: 2nd-level random effects group analysis	ns	ns	Frontal operculum, S1 for Self>Other	None
Mason et al., 2008	18 (1F; 3LH)	26.5	FSIQ: 101.9; VIQ: 99.2; NVIQ: 104.3	ADOS-G, ADI-R; HFA	18 (2F)	27.4	FSIQ: 105.5; VIQ: 103.3; NVIQ: 106.3	mAGE, mFSIQ, mGEN, mVIQ, mNVIQ	Reading comprehen-sion (physical, intentional, emotional)	Fixation	Block	1	3.125 x 3.125 x 5	1230	ns	ns	HP	ns	no	aCOMB	rad= 5-10mm	11 ROIs aCOMB	no	SSL: Corr; GL: Two-sample t-test, one-tailed	yes	ns	W/I TOM network; between language and TOM regions	None
Mizuno et al., 2006	8 (3LH)	28.4	FSIQ > 70; NVIQ: 92.3 (80-112)	ADOS, ADI, CARS	8 (3LH)	28.1	ns	mAGE, mGEN, mHAND	Visuomotor (finger tapping irregular sequence)	Repetitive index finger tapping	Block	2.5	3.75 x 3.75 x 8	95	no group difference	yes	LP (.1Hz)	ns	yes, 1 regr	anat	ns	no	yes	SSL: Regression (covariance); GL: t-tests	no	ns	Few clusters, mostly SFG, medial temporal lobe	Many clusters, mostly in bliateral frontal, pericentral, parietal regions
Monk et al., 2009	12 (1F)	26 ±5.93	VIQ: 117 ±13.67; NVIQ: 119 ±13.68	ADOS, ADI-R; 7 AUT, 2 ASP, 3 PDD-NOS	12 (2F; 1LH)	27 ±6.1	VIQ: 110 ±18; NVIQ: 118 ±13.41	mAGE, mGEN, mHAND, mNVIQ	n/a: Rest	n/a	n/a	2	3.44 x 3.44 x 3	300	no greater than 3mm in x, y, z direction; no group difference	ns	LP (.08Hz)	ns	no	aTD (litTD)	4 µl	no	yes	SSL: Corr; GL: t-test on Z-scores; post-hoc: ANCOVA w/ symptom severity	ns	ns	PCG <=> R SFG	PCC with R temporal lobe (middle); R PHG
Mostofsky et al., 2009	13	10.9 ±1.5	FSIQ: 103 ±18; NVIQ: 106 ±18	ADOS, ADI	13	10.5 ±1.4	FSIQ: 118 ±14; NVIQ: 120 ±19	mAGE, mGEN	Finger sequence tapping	Rest	Block	3	3.59 x 3.59 x 5.5	130	ns	yes	HP (.01 Hz)	ns	no	aCOMB	ns	7 ROIs aCOMB	no	SSL: Partial correlations; GL: MANOVA for "circuits", ANOVA for individual ROI pairs	yes	ns	Motor circuit, all ROI pairs except for L and R cerebellum	None
Noonan et al., 2009	10	23.0 ±9.9	FSIQ: 96.7 (65-114); VIQ: 93.7 (63-116); NVIQ: 100.9 (72-117)	ADOS, ADI; 6 AUT, 4 ASP	10	25.8 ±9.9	FSIQ: 110 ±15.8; VIQ 109.2 ±15.1; NVIQ: 108.5 ±12.8	mAGE, mFSIQ, mGEN, mHAND, mNVIQ, mVIQ	Source memory	Jittered Null	Event-related	2.6	4 x 4 x 4	564	ns	yes	LP (.1Hz)	ns	yes (number of task regrs ns)	aCOMB	rad= 3.5mm	7 ROIs aCOMB	yes	SSL: Multiple regression; GL: t-test	yes	ns	None	Several clusters for each seed

Shih et al., 2010	14	24.1 ±9.5	FSIQ: 99 ±11.7; VIQ: 93 ±15.5; NVIQ: 107 ±13.9	ADOS, ADI-R; 8 AUT, 3 ASP, 3 PDD-NOS	14	24.2 ±8.4	FSIQ: 114 ±12.1; VIQ: 110 ±10.8; NVIQ: 114 ±11.9	mAGE, mNVIQ, mGEN	Semantic decision	Letter detection	Block	2.6	4 x 4 x 5	218	ns	yes	LP (.1Hz)	ns	yes (1 for each trial type)	litTD + anat	rad= 4mm	no	yes	SSL: Covariance and SEM; GL: t-tests on fit coefficients	no	Incl	None	dorsal PFC, L ACG
Solomon et al., 2009	22	15.2	FSIQ: 107 (85-132); VIQ: 107 (80-145); NVIQ: 105 (77-135)	ADOS, SCQ; 10 AUT, 12 ASP	23	16	FSIQ: 113 (83-131); VIQ: 114 (86-136); NVIQ: 111 (83-130)	mAGE, mGEN, mIQ	Cognitive control (Preparing to overcome prepotency task)	Fixation	Event-related	2	4 x 3.4 x 3.4	~948	ns	yes	HP (.01Hz)	ns	no	aTD	rad= 10mm	CG, parietal, occipital	no	SSL: Corr; GL: t-tests	yes	ns	R BA10, L BA17 and BA18; L BA10 and L Parietal, Posterior and Dorsal ACG; L BA9 and PCG, L BA7 and BA18	None
Turner et al., 2006	8 (3LH)	28.1 ±8.3	FSIQ > 70; NVIQ: 92.3 (80-112)	ADI, CARS	8 (3LH)	28.6 ±7.2	ns	mAGE, mGEN, mHAND	Visuomotor (finger tapping irregular sequence)	Repetitive index finger tapping	Block	2.5	3.75 x 3.75 x 7	98	ns	yes	LP (.1Hz)	ns	yes, 1 regr	anat	ns	no	yes	SSL: Multiple regression; GL: t-tests on fit coefficients	no	ns	Few clusters R SFG, bilateral temporo-occipital	Many frontal, pericentral, parietal, occipital clusters
Villalobos et al., 2005	8 (3LH)	28.1 ±8.3	FSIQ > 70; NVIQ: 92.3 (80-112)	ADI, CARS	8 (3LH)	28.6 ±7.2	ns	mAGE, mGEN, mHAND	Visuomotor (finger tapping irregular sequence)	Repetitive index finger tapping	Block	2.5	3.75 x 3.75 x 7	95	ns	yes	ns	ns	yes, 1 regr	anat	ns	no	yes	SSL: Covariance; GL: t-tests on fit coefficients	ns	ns	IFG, R SGg, paracentral lobule; Thal (Pulvinar), R BG (Putamen), Cerebellar vermis	None
Welchew et al., 2005	13	31.2 ±9.1	FSIQ: 108.6 ±17.1	DSM-IV, AQ; HFA, ASP	13	25.6 ±5.1	FSIQ: 117.9 ±9.6	mAGE, mFSIQ, mHAND	Emotional face perception	Scrambled face	Block	3	1.95 x 1.95 x 4	160	ns	ns	ns	ns	no	anat	ns	90 ROIs anat	yes (ROIs cover-ing whole brain)	SSL: Corr-matrix to difference matrix (1-r); GL: 3-way multidim scaling within; btwn grp test performed w/ permutation test	no	ns	Medial temporal lobe	Many ROI pairs (incl. fronto-parietal, fronto-occipital)
Weng et al., 2010	16 (2F; 1LH)	15 ±1.45	VIQ: 114 ±18.58; NVIQ: 117 ±13.82	ADOS, ADI-R, DSM-IV; 6 AUT, 2 ASP, 8 PDD-NOS	15 (1F; 2 LH)	16 ±1.44	VIQ: 113 ±14.10; NVIQ: 106 ±12.53	mAGE, mGEN, mHAND, mVIQ	n/a: Rest	n/a	n/a	2	3.44 x 3.44 x 3	300	no greater than 3.44mm in x, y, z direction	yes	LP (.08Hz)	ns	no	anat (litTD)	4 µl	no	yes	SSL: Corr; GL: t-test, ANCOVA w/ symptom severity	ns	ns	PCG <=> 9/11 areas in DMN	None

Wicker et al., 2008	12 (1F)	27 ±11	FSIQ: 82 ±19.70; VIQ: 83 ±20.24; NVIQ: 82 ±19.58	DSM-IV; AUT, ASP	14	23.4 ±10	ns	mAGE, mHAND, mTASK	Identifying emotion or age while actors gaze is direct or averted	Pooled Gaze	Block	3	3 x 3 x 3.5	39/block	ns	ns	ns	ns	no	aTD	47-387 µl	7 ROIs, litTD & aTD	no	SSL: SEM; GL: t-test on path coefs	no	Obs & Incl	AMY => DMPFC => DLPFC => VLPFC => STS; V1/V2 => FG	DLPFC => FG
Notes and Abbreviations:																												
General abbreviations (used through-out): ns, not stated; SD, standard deviation; n/a, not applicable; pt(s), participant(s)	F, female; LH, left-handed	Mean, SD (or range, if SD ns)	Mean, SD; FSIQ, Full Scale IQ; VIQ, Verbal IQ; NVIQ, Nonverbal IQ	Tools: ADOS, ADI, ASQ, CARS, DSM-IV , ICD-10, see Methods; Diagnosis: AUT, Autistic disorder; HFA, High-functioning autism; ASP, Asperger's disorder; PDD-NOS, Pervasive developmental disorder, not otherwise specified	F, female; LH, left-handed	Mean, SD (or range, if SD ns)	Mean, SD; FSIQ, Full Scale IQ; VIQ, Verbal IQ; NVIQ, Nonverbal IQ	Matching for: mAGE (age); mFSIQ (full scale IQ); mGEN (gender); mHAND (handedness); mIQ (IQ); mNVIQ (nonverbal IQ); mRACE (race); mSES (socioeconomic status); mTASK (task performance); mVIQ (verbal IQ)	TOL, Tower of London; TOM, Theory of Mind					Excludes time points discarded at the beginning of each run, if clearly stated	TP, time point; SSD, sum of squares of derivatives		LP, Low-pass; HP, High-pass	GIS, Global intensity scaling	regr, regressor	aTD, activation from TD group; aCOMB, from both groups; litTD, activation from TD literature; anat, from anatomy	rad, radius	FFA, Fusiform Face Area; PHG, Parahippocampal Gyrus; FG, Fusiform Gyrus; LH, Left hemisphere; V1, Primary visual cortex; TNN, Task-negative network; TPN, Task-positive network; TOM, of Mind; CG, Cingulate gyrus	fc, functional connectivity	SSL, single subject level; GL, group level; DCM, dynamic causal modeling; Corr, correlation; SEM, structural equation modelling; PPI, Psychophysiological interactions		Obs, Observed; Incl, Included	L, Left; R, Right; dACC, dorsal anterior cingulate cortex; FEF, frontal eye fields; ACG, anterior cingulate gyrus; V1, primary visual cortex; DMN, default mode network; CG, cingulate gyrus; INS, insula; IFG, inferior frontal gyrus; IPL, inferior parietal lobule; TOM, theory of mind; TNN, task-negative network; MPFC, medial prefrontal cortex; AG, angular gyrus; PCG, posterior cingulate gyrus; Cu, cuneus; AMY, amygdala; Thal, thalamus; DLPFC,dorsolateral prefrontal cortex; post PreCS, posterior precentral sulcus; IPS, intraparietal sulcus; SPL, superior parietal lobe; supParaCing, superior paracingulate gyrus; SFG, superior frontal gyrus; BG, basal ganglia; MFG, middle frontal gyrus; DMPFC, dorsomedial prefrontal cortex; VMPFC, ventromedial prefrontal cortex; STS, superior temporal sulcus; FG, fusiform gyrus	

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