

Table S1: Data extracted for studies included in review.

1st Author	Journal ¹	Country ²	Field (discipline) ³	Number of Participants	Number with an ASD	How identified with ASD ⁴	Term used to reference autism in title ⁵	Setting ⁶
Adams (1)	JADD	USA	Diagnosis	1221	432	1	1	3
Adams (2)	JADD	USA	Diagnosis	54	54	1	1	3
Allen	JADD	UK	Psychology	32	16	2	1	2
Alvares	Autism Research	Australia	Psychology	56	17	.	1	1
Anderson	JADD	UK	Diagnosis	15	15	4	1	5
Anderson	Autism	USA	Social	334	182	.	1	3
Antezana	JADD	USA	Psychology	66	41	4	1	1
Ausderau	Autism Research	USA	Psychology	960	960	.	1	3, 5
Azmitia	JADD	USA	Biology	21	10	3	2	3
Balboni	JADD	Italy	Diagnosis	52	32	4	1	1
Baldwin	Autism	Australia	Social	82	82	1	1	5
Bargiela	JADD	UK	Epidemiology	14	14	1	3	5
Barnard-Brak	Autism Research	USA	Diagnosis	344	253	.	4	3

¹ JADD = Journal of Autism and Developmental Disorders, MA = Molecular Autism

² Country of origin of sample or corresponding author if not specified.

³ Full field names: Diagnosis, diagnostic scales, identification, screening and scale development; Psychology and cognitive neuroscience; Biology – neuroimaging, neuropathology, genetics and omics; Epidemiology; Interventions; Social, school, education and family circumstances

⁴ 1 = Clinical diagnosis, 2 = Autism Diagnostic Observation Schedule, 3 = Autism Diagnostic Interview-Revised, 4 = DSM-4, -5, ICD-9 or -10, 5 = AQ cut-off score, 6 = Educational diagnosis or Special Educational Needs (SEN) classification, 7 = Parent Report of Clinical Diagnosis, 8 = Other (including other ASD scales, medical records, various', self-report)

⁵ 1 = Autism Spectrum Disorder(s)/ASD (**73%**), 2 = Autism (**20%**), 3 = Autism Spectrum Condition(s)/ASC (**3%**), 4 = Autism Spectrum (**2%**), 5 = Autistic (**2%**)

⁶ Setting where participants recruited from. 1 = hospital/clinic/centre, 2 = school, 3 = database/registry/larger study, 4 = university, 5 = online/families/support groups/community groups/charities

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Barnevik Olsson	JADD	Sweden	Interventions	128	128	1	2	1
Bearss	Autism	USA	Interventions	93	45	1	1	.
Bedford	Autism Research	UK	Diagnosis	104	17	4	5	1
Bedford	Autism Research	UK	Psychology	30	16	4	1	3, 2
Begeer	Autism	NL	Social	51	28	.	2	2
Ben-Itzhak	JADD	Israel	Psychology	43	20	1	1	1
Benning	JADD	USA	Psychology	69	35	1	1	.
Benson	Autism Research	UK	Psychology	43	19	1	2	5
Biggs	JADD	USA	Diagnosis	389	232	6	2	5
Bilaver	JADD	USA	Interventions	3104	250	8	1	3
Bishop-Fitzpatrick	JADD	USA	Diagnosis	180	180	7	1	3
Blackmon	Autism Research	USA	Psychology	130	130	4	1	1
Blumberg	Autism	USA	Diagnosis	1607	1420	.	1	3
Bolic Baric	Autism	Sweden	Social	13	10	4	1	3
Bottema-Beutel	JADD	USA	Psychology	28	9	4	3	3
Bottema-Beutel	Autism	USA	Interventions	33	33	.	1	2
Bouvet	JADD	France	Psychology	25	12	8	1	1
Brett	JADD	UK	Diagnosis	2134	2134	7	1	3
Brewer	Autism Research	UK	Psychology	27	14	.	1	.
Brian	Autism	Canada	Diagnosis	67	23	.	1	3
Brooks	JADD	USA	Interventions	41	10	1	1	1
Brosnan	Autism	UK	Psychology	82	26	.	1	2
Brosnan (2)	JADD	UK	Psychology	75	75	4	4	5
Burger-Caplan	Autism	USA	Psychology	80	23	.	1	.
Cage	JADD	UK	Psychology	66	33	2	4	2
Cai	JADD	Australia	Diagnosis	38	23	1	1	4
Campione	JADD	Italy	Biology	20	9	4	1	1

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Caplan	JADD	USA	Diagnosis	162	162	1	1	5
Carmo	JADD	Portugal	Psychology	39	19	4	1	3
Cascio	JADD	USA	Psychology	109	33	1	1	3, 5
Chamak	JADD	France	Diagnosis	76	76	7	1	.
Chang	Autism	USA	Psychology	31	31	.	1	2
Chen	JADD	Australia	Social	30	30	4	1	1
Chen	Autism Research	Taiwan	Biology	72	37	.	1	1
Chen	Autism Research	China	Biology	656	312	.	1	3
Chiang	Autism	Taiwan	Interventions	34	34	.	1	1, 5
Chien	Autism Research	Taiwan	Biology	73	37	.	2	4
Chiu	Autism Research	Canada	Biology	28	28	.	1	3
Cholemky	JADD	Germany	Diagnosis	463	463	4	1	1
Choque Olsson	Autism	Sweden	Social	22	11	4	2	3
Chowdhury	Autism	USA	Diagnosis	242	242	.	1	3
Christiansz	JADD	Australia	Diagnosis	185	126	4	1	1
Connolloy	Autism Research	USA	Epidemiology	40846	503	.	1	1
Conson	JADD	Italy	Psychology	36	18	3	1	.
Cooper	JADD	UK	Psychology	48	24	1	3	3
Corbett	JADD	USA	Interventions	30	30	1	1	.
Coster	Autism	USA	Diagnosis	365	365	.	1	5
Cox	JADD	USA	Psychology	44	17	1	1	3
Crawford	MA	UK	Biology	32	16	1	2	2
Crea	JADD	Australia	Epidemiology	58	16	3	1	3
Cummings	JADD	USA	Epidemiology	91520	8325	1	1	1
Davids	JADD	NL	Psychology	72	36	1	1	1
de Bildt	JADD	NL	Diagnosis	93	38	1	1	.
Dekker	JADD	NL	Interventions	86	86	1	1	1
Demopoulos	Autism Research	USA	Psychology	76	60	.	1	3

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Dempsey	JADD	USA	Psychology	2341	2341	1	1	3
DiCriscio	JADD	USA	Psychology	47	19	.	2	3
Dolan	JADD	USA	Interventions	62	58	.	1	5
Doumas	JADD	UK	Psychology	30	15	1	1	5
Durieux	Autism Research	UK	Biology	50	21	.	1	1
Dynia	JADD	USA	Psychology	70	35	6	1	2
Edmiston	JADD	USA	Social	34	21	1	1	1, 2, 4, 5
Ekhlaspour	JADD	USA	Biology	18	9	4	1	.
Ellis Weismer	JADD	USA	Psychology	60	30	2	1	1, 3
Eussen	Autism Research	Netherlands	Psychology	87	63	.	1	1
Eversole	JADD	USA	Social	131	67	7	1	2
Factor	JADD	USA	Psychology	44	44	1	1	5
Fairthorne	Autism	Australia	Epidemiology	272947	1698	.	1	3
Faja	Autism Research	USA	Psychology	66	66	3	1	1, 2, 5
Fernandes (1)	JADD	Sweden	Social	108	108	1	1	1
Fernandes (2)	JADD	Sweden	Social	76	76	1	1	1
Field	JADD	UK	Psychology	124	51	1	1	2, 5
Findon	Autism Research	UK	Diagnosis	224	98	.	1	1, 3, 5
Fiorentino	MA	USA	Biology	54	20	8	1	3
Fisher	Autism	USA	Social	30	30	.	1	3
Fletcher-Watson	Autism	UK	Interventions	54	54	.	2	1
Floris	MA	USA	Biology	118	42	1	2	1, 2
Fombonne	JADD	Mexico	Epidemiology	36	36	1	1	2
Forbes	JADD	UK	Psychology	51	26	1	1	3
Forgeot d'Arc	MA	Canada	Psychology	39	20	1	1	1
Foster	JADD	Canada	Psychology	72	32	4	1	3
Fridenson-Hayo	MA	Israel,	Psychology	113	55	1	2	1, 2, 3, 5

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		Britain, Sweden							
Fujioka	MA	Japan	Psychology	56	21	4	1	1	
Gevi	MA	Italy	Biology	60	30	4	5	.	
Gilson	JADD	USA	Interventions	3	2	6	2	4	
Ginevra	Autism Research	Italy	Psychology	269	82	.	2	2	
Granich	Autism	Australia	Epidemiology	208	208	.	1	5	
Green	JADD	UK	Social	54	16	3	1	5	
Griffin	Autism Research	UK	Psychology	56	24	4	1	2, 3, 5	
Grove	Autism Research	UK	Diagnosis	267	158	.	2	3, 4	
Guy	Autism Research	Canada	Psychology	89	34	.	1	1	
Haas	JADD	Australia	Social	167	77	8	1	4, 5	
Hagmann	JADD	USA	Psychology	69	16	2	2	2, 4, 5	
Haigh	Autism Research	USA	Psychology	34	17	.	2	.	
Hanaie	Autism Research	Japan	Biology	39	19	.	1	1	
Hannah	JADD	UK	Social	40	20	1	1	.	
Happé	JADD	UK	Diagnosis	146	100	6	1	1	
Hare	Autism	UK	Interventions	9	9	4	2	5	
Harriage	JADD	USA	Interventions	6	3	1	2	1, 5	
Harrop	Autism	USA	Psychology	85	85	.	1	.	
Havdahl	Autism Research	USA	Diagnosis	389	226	.	1	1	
Hayes	JADD	UK	Psychology	30	15	2	1	4	
Hecht	Autism Research	USA & Canada	Epidemiology	158	158	.	1	3	
Helt	JADD	USA	Psychology	86	43	2	1	2	
Hepburn	Autism	USA	Interventions	33	33	1	1	5	
Hewitt	JADD	USA	Epidemiology	12329	255	6	1	3	
Hiller	Autism	Australia	Diagnosis	152	152	.	1	1, 5	

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Hoffmann (1)	JADD	Germany	Biology	50	2	4	2	1
Hoffmann (2)	JADD	Germany	Biology	155	78	4	2	3
Holmes	Autism	USA	Social	198	198	.	1	5
Hong	JADD	USA	Social	120	60	.	1	3
Howe	JADD	UK	Social	16	16	1	3	2
Hranilovic	Autism Research	Croatia	Biology	156	90	4	5	1
Hundley	JADD	USA	Psychology	532	532	2	1	3
Hyman	JADD	USA	Interventions	14	14	1	2	1
Ibrahim	JADD	Canada	Biology	40	20	2	1	3
Irvine	JADD	USA	Psychology	46	24	4	2	3
Ishizuka	Autism	Japan	Interventions	6	6	1	1	1
Izuwah	Autism Research	Nigeria	Epidemiology	75	75	.	2	1
Jaime	JADD	USA	Biology	33	16	2	1	3
Jashar	JADD	USA	Diagnosis	281	146	2	2	1
Kaartinen	JADD	Finland	Psychology	36	18	1	1	1
Kalb	JADD	USA	Epidemiology	6416785	15532	4	1	3
Kana	Autism Research	USA	Biology	32	17	3	2	1
Kanduri	Autism Research	Finland	Social	349	80	4	1	5
Karhson	Autism Research	USA	Biology	25	12	2,3	1	5
Kauschke	JADD	Germany	Social	33	22	2	1	1
Keehn	JADD	USA	Psychology	52	22	2	2	.
Keehn	Autism Research	USA	Psychology	64	32	4	2	.
Kern Koegel	JADD	USA	Interventions	3	3	4	1	1
Kinnear	JADD	USA	Social	502	502	4	1	2
Kirby	JADD	USA	Social	1170	1170	6	1	3
Kirkovski	JADD	Australia	Biology	50	27	4	1	.
Kitzerow	Autism Research	Germany	Diagnosis	21	21	2	2	3
Kleinhaus	JADD	USA	Biology	52	27	3	2	.

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Kleinhans	Autism Research	USA	Biology	53	25	4	1	.
Koolschijn	JADD	NL	Biology	100	51	1	1	3
Kovarski	JADD	France	Psychology	42	20	1	2	1
Kranz	Autism Research	Germany	Social	667	667	4	1	1
Kumazaki	MA	Japan	Psychology	43	20	4	1	1
Lehnhardt	JADD	Germany	Psychology	107	107	1	1	1
Lever	Autism Research	NL	Psychology	236	118	4	1	1
Li	JADD	China	Psychology	60	30	4	1	2
Libero	Autism Research	USA	Social	40	20	3	2	.
Liew	Autism Research	Denmark	Epidemiology	64322	1027	4	1	3
Lim	Autism Research	Oman	Biology	27	15	4	2	1
Liu	Autism Research	Japan & Taiwan	Social	1615	789	4,3	1	5
Locke	Autism	USA	Social	102	51	.	1	3
Luo	Autism Research	USA	Psychology	156	26	4	1	1, 5
Ma	JADD	USA	Psychology	7	4	8	2	3
Macizo	JADD	Spain	Psychology	40	20	4	1	2
Mackie	Autism Research	USA	Psychology	30	15	4	1	1
MacMullin	Autism	Canada & USA	Social	311	139	.	1	5
Mandy	Autism	UK	Interventions	37	37	.	1	2
Mari-Bauset	JADD	Spain	Interventions	105	105	2	1	2
Marini	JADD	Italy	Psychology	154	77	2	1	1
Marler	JADD	USA	Biology	82	82	4	1	3
Mazurek	JADD	USA	Psychology	162	81	2	1	1
McCormick	Autism	USA	Psychology	79	26	.	1	1, 5
McCoy	JADD	USA	Epidemiology	42747	915	7	1	3
McVey	JADD	USA	Interventions	47	47	1	1	1, 5

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Mhatre	JADD	India	Social	80	80	1	1	1
Minshawi	MA	USA	Interventions	101	67	4	1	1
Moore	Autism	UK	Psychology	38	19	.	1	2, 5
Morett	JADD	USA	Social	39	18	.	1	.
Mouga	JADD	Portugal	Psychology	445	224	3	4	1
Muller	JADD	Germany	Diagnosis	56	33	2	1	3
Murdaugh	Autism Research	USA	Interventions	45	26	1	2	.
Mutluer	Autism Research	Turkey	Psychology	117	64	1	1	2
Nader	JADD	Canada	Diagnosis	47	25	4	5	3
Neuhaus	Autism Research	USA	Biology	36	18	.	2	3
Newbutt	JADD	USA	Interventions	29	29	.	2	5
Nguyen	MA	France	Biology	14	8	1	2	.
Noroozi	Autism Research	Iran	Social	990	518	.	2	.
Nuske	MA	USA	Psychology	40	20	1	2	5
O'Brien	JADD	USA	Interventions	5	5	6	2	.
O'Hearn	Autism Research	USA	Biology	26	13	.	2	1
Oerlemans	JADD	NL	Social	237	145	3	1	1
Olincy	JADD	USA	Biology	2	2	2	1	.
Ostfeld-Etzion	Autism	Israel	Psychology	80	40	.	1	1
Oswald	JADD	USA	Psychology	64	32	1	1	3, 2
Oswald	Autism Research	USA	Psychology	54	27	.	1	3
Pang	Autism Research	Canada	Biology	42	21	4	1	3
Parsons	JADD	USA	Psychology	18	8	1	1	4
Pearson	Autism Research	UK	Psychology	60	30	.	3	2
Peckett	Autism	UK	Interventions	15	5	.	3	1
Pellecchia	Autism	USA	Interventions	152	152	.	2	3
Petrina	JADD	Australia	Social	90	45	4	1	3
Poopal	MA	USA	Biology	101	58	1	2	1

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Popple	JADD	USA	Interventions	18	18	.	1	1
Powell	Autism	UK	Interventions	17	17	.	2	1
Pruitt	Autism	USA	Social	166	83	.	1	3
Pugliese	JADD	USA	Psychology	64	64	1	1	1
Radley	Autism	USA	Interventions	4	2	.	1	2
Rankin	JADD	USA	Social	148	74	8	1	1, 5
Rausch	MA	Netherlands	Biology	45	20	1	1	1
Retico	MA	Italy	Biology	152	76	4	1	1
Riches	JADD	UK	Psychology	61	30	4	1	3
Ring	Autism Research	UK	Psychology	36	18	.	1	5
Roberts	Autism	USA	Epidemiology	54512	451	.	1	3
Robinson	JADD	UK	Psychology	6	6	4	4	5
Rodgers	Autism Research	UK	Diagnosis	157	157	1	1	3
Rollins	Autism	USA	Interventions	4	4	.	1	1
Rosa	Autism	Spain	Epidemiology	128	50	1	1	1
Rosen	JADD	USA	Psychology	17	17	4	1	3
Rosso	JADD	Australia	Social	24	20	6	1	2
Rudra	MA	India	Psychology	51	25	1	3	1
Russell	Autism	UK	Psychology	859	474	.	1	1
Rutherford	Autism	UK	Epidemiology	150	150	.	1	1
Rutherford (1)	Autism	USA	Psychology	18	18	.	1	3
Rutherford (2)	Autism	USA	Psychology	17	17	.	1	1
Ryan	JADD	Ireland	Psychology	93	60	2	2	1
Rynkiewicz	MA	Poland	Social	33	33	4	2	3
Sabatos-DeVito	JADD	USA	Psychology	50	19	3	2	1, 5
Sasson	JADD	USA	Psychology	49	21	2	2	3
Scheeren	JADD	NL	Psychology	173	132	4	1	2

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Schertz	JADD	USA	Psychology	143	143	2	4	3
Schuh	Autism Research	USA	Psychology	35	13	.	1	.
Schunke	Autism	Germany	Psychology	40	20	.	2	.
Schuwerk	JADD	Germany	Psychology	85	44	4	3	1, 5
Schwartzman	JADD	USA	Psychology	828	354	8	1	5
Senland	JADD	USA	Social	44	22	1	1	5
Shah	MA	UK	Diagnosis	40	20	4	1	3
Sharer	Autism Research	USA	Psychology	29	18	.	1	5
Shen	Autism Research	China	Social	1504	430	.	2	1
Shield	Autism Research	USA	Psychology	35	17	2	1	5
Shirama	JADD	Japan	Psychology	32	16	1	1	1
Simmons	JADD	USA	Interventions	50	27	6	1	1
Şimşek	Autism Research	Turkey	Social	61	35	.	1	1
Simut	JADD	Belgium	Social	30	30	.	1	2
Singer	JADD	USA	Epidemiology	1173	463	.	1	3
Skewes	JADD	Denmark	Psychology	32	14	2	1	.
Slappendel	JADD	NL	Diagnosis	198	50	1	1	1
Smith	JADD	UK	Psychology	42	21	4	5	5
Soke	JADD	USA	Epidemiology	8065	8065	4	1	3
Solomon	JADD	USA	Social	25	25	.	1	1
Song	Autism Research	China	Psychology	33	14	.	2	1
Sowden (1)	Autism Research	Germany	Psychology	105	60	.	1	1
Sowden (2)	Autism Research	UK	Psychology	36	18	.	1	3
Sparapani	JADD	USA	Social	196	196	4	1	2
Spriggs	JADD	USA	Interventions	4	4	6	1	2
Stephenson	JADD	USA	Psychology	91	42	4	1	.
Stewart	JADD	USA	Psychology	33	18	4	1	.
Suh	JADD	USA	Psychology	72	27	2	1	3

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Suma	JADD	USA	Interventions	79	44	2	2	3
Sumner	JADD	UK	Psychology	95	30	1	1	2, 5
Tait	JADD	Hong Kong	Diagnosis	75	75	1	2	3
Takahashi	JADD	Japan	Psychology	44	17	4	1	5
Tavassoli	JADD	USA	Diagnosis	62	35	4	1	1
Tavassoli	Autism Research	USA	Psychology	42	21	.	1	1
Terzi	JADD	Greece	Psychology	40	20	4	1	1
Thiébaud	JADD	UK	Psychology	78	35	1	2	.
Timonen-Soivio	JADD	Finland	Epidemiology	22136	4441	1	5	1
Tirado (1)	JADD	Spain	Psychology	61	21	1	2	.
Tirado (2)	JADD	Spain	Psychology	66	22	1	2	.
Trevisan	MA	Canada	Psychology	34	17	1	1	2, 3, 5
Troyb	JADD	USA	Psychology	40	40	8	1	3
Turcotte	JADD	USA	Social	3297	3297	1	2	3
Uljarević	MA	Australia	Psychology	507	169	1	1	3
Uljarević	Autism Research	UK	Psychology	57	57	.	1	2, 5
Ure	Autism Research	Australia	Epidemiology	57	57	.	1	3
Uzefovsky	JADD	UK	Psychology	441	201	1	2	5
van Boxtel	Autism Research	Australia	Psychology	33	16	.	1	.
Van der Hallen (1)	JADD	Belgium	Psychology	54	21	4	1	1, 2
Van der Hallen (2)	JADD	Belgium	Psychology	53	26	4	1	1, 2
Vanmarcke	JADD	Belgium	Psychology	48	24	1	1	1
Vanmarcke	JADD	Belgium	Psychology	48	24	1	1	1
Virk	Autism	Denmark	Epidemiology	35059	552		1	3
Vivanti	MA	Australia	Psychology	57	36	1	2	1

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Vogan	JADD	Canada	Biology	130	61	1	1	.
Vohra	JADD	USA	Epidemiology	102108	25527	8	1	1
Walsh	JADD	Canada	Psychology	46	23	1	1	3, 5
Weiss	Autism	Canada	Social	648	324	.	1	5
Wenger	MA	USA	Biology	225	75	4	1	1
Whitaker	Autism Research	UK	Psychology	32	16	.	1	2
Wicker	MA	France	Psychology	30	15	4	1	1
Wilson	Autism	UK	Diagnosis	1244	874	.	1	1
Wink	MA	USA	Interventions	31	31	4	1	.
Woodman	JADD	USA	Psychology	364	364	3	1	1, 2
Yakubova	JADD	USA	Interventions	4	4	1	1	2
Yang	MA	USA	Diagnosis	101	60	4	2	.
Yang	JADD	Australia	Diagnosis	4	4	4	1	1
Yin	MA	Taiwan	Biology	1428	335	4	1	1
Yoshimura	Autism Research	Japan	Biology	70	32	.	1	1
Young	JADD	USA	Interventions	77	77	1	1	2
Zamora	JADD	USA	Social	386	302	2	2	1
Zeedyk	JADD	USA	Social	127	127	1	1	2
Zwaigenbaum	Autism Research	Canada	Diagnosis	381	103	.	1	1