

Table S1: Studies reporting on spontaneous movement disorders (SMDs)

Study	Country	Sample, n (M/F)	Diagnosis (%)	Age, yr mean	FEP	DUP mean/median (years)	Scale and threshold	Dyskinesia (%) ^a	Parkinsonism (%) ^a	Akathisia (%) ^a	Dystonia (%) ^a	Risk of bias
Aydemir et al, 2005 (36)	Turkey	22 (9/13)	SCZ	29.2	-	3.77	AIMS (S&K)	23	-	-	-	moderate
Ayehu et al, 2014 (37)	Ethiopia	64 (43/21)	SCZ 73%, SZD 8%, SAD 19%	34.7	-	2	AIMS (S&K), SAS ≥3	5	9	-	-	moderate
Bhandari et al, 2017 (38)	India	100 (52/48)	SCZ	30.7	+	unknown	AIMS (S&K)	14	-	-	-	moderate
Caligiuri et al, 1994 (39)	USA	21 (21/0)	SCZ	37.1	-	6	AIMS ≥1	14	-	-	-	high
Caligiuri et al, 1997 (40)	USA	35 (29/6)	SCZ 86%, BD 9%, OPD 5%	45.6	-	5.6	SAS	-	37	-	-	high
Carbon et al, 2015 (41)	USA	33	SCZ	13.6	+	unknown	AIMS (S&K)	0	6	-	-	moderate
Chatterjee et al, 1995 (42)	USA	89 (47/42)	SCZ 68%, SAD 32%	26.2	+	5.4	SAS ≥1 TDS (S&K)	1	17	-	-	moderate
Chong et al, 2005 (43)	Singapore	174 (90/84)	SCZ 43%, SZD 24%, SAD 5%, BD 3%, OPD 25%	28.1	+	1.4	SAS ≥3	-	2.3	-	-	high
Cortese et al, 2005 (44)	Canada	39 (32/4)	SCZ	23.6	+	unknown	SAS ≥3 ESRS-D ≥1	13	18	-	-	high
Cuesta et al, 2014 (45)	Spain	77 (53/24)	SCZ 43%, SZD 16%, SAD 7%, OPD 34%	30.1	+	0.89	SAS ≥4 BARS AIMS	-	19.5	-	-	moderate
Owens et al, 1982 (46)	UK	47 (40/7)	SCZ	66.7	-	26.5	AIMS	36	-	-	-	high
Gervin et al, 1998 (47)	Ireland	49	SCZ/SZD	27.7	+	unknown	AIMS (S&K)	10	-	-	-	moderate
Honer et al, 2005 (48)	Multi-centre	167 (128/39)	SCZ/SZD/SAD	16-45	+	0.6	ESRS ≥2	4	27	6	-	moderate
Honer et al, 2011a (49) HK cohort	Hong Kong	84 (41/43)	SCZ 54%, SZD 19%, OPD 27%	13-65	+	0.5	AIMS ≥1 SAS ≥1	1.2	11.9	-	-	high
Honer et al, 2011b (49) Canada cohort	Canada	40 (31/9)	SCZ 93%, SAD 5%, SZD 2%	13-65	+	0.7	AIMS ≥1 ESRS ≥2	10	35	-	15	high
Fenn et al, 1996 (50)	Morocco	22 (19/3)	SCZ	28	-	4.2	AIMS (S&K) SHRS >10	14	18	-	-	moderate

Jager, 2000 (51)	Australia	18 (12/6)	SCZ 67%, SZD 11%, BD 6%, OPD 16%	23.4	+	1.7	AIMS (S&K) SAS ≥ 3 BARS ≥ 2	11	5.6	6	-	moderate
Kopala et al, 1998 (52)	Canada	41 (33/8)	SCZ/SZD	25.4	+	4.1	ESRS	0	28		15.6	moderate
Kopala et al, 2006 (53)	Canada	13 (11/2)	SCZ 92%, SZD 8%	22.3	+	unknown	ESRS ≥ 2	8	8	8	0	moderate
Lee et al, 2008 (54)	Singapore	908 (470/438)	SCZ 49%, SZD 24%, SAD 5%, OPD 22%	28.4	+	1.5	AIMS (S&K)	0	-	-	-	high
Mccreadie et al, 1994 (55)	India	12	SCZ	42	-	12	AIMS (S&K)	0	-	-	-	moderate
Mccreadie et al, 2005 (56)	Nigeria	143 (71/72)	SCZ	46.9	-	10.7	AIMS (S&K) SAS ≥ 3	35	15	-	-	high
Ojagbemi et al, 2018 (57)	Nigeria/ South Africa	99 (58/41)	SCZ/SZD	16-45	+	2.5	ESRS ≥ 2	3	18.2	3	0	moderate
Ojagbemi et al, 2021 (58)	Nigeria/ South Africa	88 (47/41)	SCZ/SZD	16-45	+	2.5	ESRS ≥ 2	3	16	3	0	moderate
Peralta et al, 2010 (59)	Spain	200 (133/67)	SCZ 47%, SZD 18%, OPD 35%	29.8	-	unknown	MRS	-	18.5	7	-	moderate
Peralta et al, 2014 (60)	Spain	102 (69/33)	SCZ	29.1	-	3.8	AIMS (S&K) SAS ≥ 3 BARS ≥ 2	16	24.5	4	-	moderate
Puri et al 1999 (61)	UK	27 (18/9)	SCZ/SZD	27.2	+	1.9	AIMS (S&K) SAS ≥ 3 BARS ≥ 2	11	4	0	-	high
Rybakowski et al, 2014 (62)	Multi-centre	161	SCZ 53%, SZD 40%, SAD 7%	26	+	-	SHRS ≥ 1	0	8	23	-	moderate

M, male; F, female; FEP, first-episode psychosis; DUP, duration of untreated psychosis; SCZ, Schizophrenia; SZD, Schizophreniform disorder; SAD, Schizoaffective disorder; BD, bipolar disorder; OPD, other psychotic disorders; HK, Hong Kong; ESRS, Extrapyramidal Symptom Rating Scale (63); SAS, Simpson-Angus Scale for extrapyramidal side effects (64); BARS, Barnes Akathisia Rating Scale (65); AIMS, Abnormal Involuntary Movement Scale (66); S&K, Schooler & Kane severity criteria for definite tardive dyskinesia: a score of 2 on at least two items or a score of ≥ 3 on one item of the AIMS; SHRS, St. Hans Rating Scale for Extrapyramidal Symptoms (67); MRS, Modified Rogers Scale (68)

^a Number and percentage of patients positive for the specific movement disorder in each study, according to the threshold in that study.