

Online supplement for “PEN model and psychosis proneness”

Table 1

*Characteristics of studies included in the meta-analysis by sample type, personality measure and schizo-measure(s)*

<i>Study</i>	<i>N</i>	<i>Sample type</i>	<i>Personality measure</i>	<i>Schizo-measure</i>
Alfimova, M. V., et al. (1996)	40 + 40	Two subsamples: 40 schizophrenic patients and 40 healthy controls	EPQ	ICD9 criteria for schizophrenia
Baruch, Hemsley & Gray (1988)	53	Paid healthy volunteers	EPQ	STA/STQ, LSHS
Bentall, Claridge, & Slade (1989)	180	Convenience sample (students and health-care professionals)	EPQ	PhA/PAN, SoA/SAN, HoP/HYP, PAb/PAS, MgI/MAG, LSHS, MMPI Schizoidia, STA/STQ, NP, dC/DSSI, dG/DSSI, dD/DDSI, dP/DDSI
Burch, Hemsley, Pavelis, & Corr (2006)	100	Undergraduate students	EPQ	OLIFE, STA/STQ
Carrillo, Rojo, & Staats (2004)	139	Nonclinical population recruited by using snowball technique	EPQ	STA/STQ
Chapman, Chapman, & Kwapil (1994)	26 + 310	Undergraduate students were divided in two groups based on their score on P-scale: high (26) and low (310)	EPQ	PDE
Chapman, Chapman, & Miller (1982)	1512	Two subsamples: 682 male and 830 female undergraduate students	EPQ	NcS/IMP, PhA/PAN, PAb/PAS, MgI/MAG
Claridge & Hewitt (1987)	210+210	Twins (420; 108 MZ twin pairs and 102 DZ twin pairs). Total sample was split on the basis of birth order to give subsample I and subsample II, each consisting of 210 individuals.	EPQ	STA/STQ
Claridge, Clark, & Davis (1997)	204	Convenience sample (students and general population)	EPQ	PhA/PAN, SoA/ SAN, STA/STQ
Deary, Peter, Austin, & Gibson (1998)	400	Undergraduate students	EPQ	SCID II Questionnaire
Ettinger, Corr, Mofidi, Williams, & Kumari (2013)	26	Healthy volunteers	EPQ	STA/STQ
Ettinger, Kumari, Crawford, Flak, Sharma, Davis, & Corr (2005)	115	Convenience sample (undergraduate students, postgraduate students and university staff)	EPQ	PSQ80, RISC
Eysenck, White, & Eysenck (1976)	63 + 63 + 63 + 63	Four subsamples: 63 males with schizophrenia, 63 male healthy controls, 63 females with schizophrenia, and 63 female healthy controls	EPQ	Nonspecified
Giakoumaki, Roussos, Zouraraki, Spanoudakis, Mavrikaki, Tsapakis, & Bitsios (2013)	324	Healthy adult male army conscripts	EPQ	STA/STQ

Table 1(continued)

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<i>Study</i>	<i>N</i>	<i>Sample type</i>	<i>Personality measure</i>	<i>Schizo measure</i>
Glicksohn & Bar-El (2004)	40	Psychiatric outpatients (48), schizophrenic (n = 12), paranoid schizophrenic (n = 12), manic-depressive (n = 12), or “organic” (n = 12)	EPQ	MPQ Absorption
Golimbet, Alfimova, Manandyan, Mitushina, Abramova, Kaleda, ... & Trubnikov (2002)	274 +101	Psychiatric patients (375), 274 schizo and 101 affective disorders (bipolar disorders and recurrent depression)	EPI	PANSS
Hay, Martin, Foley, Treloar, Kirk, & Heath (2001)	3458	Twins (2294 complete twin pairs and 474 single twins). Two subsamples: 1355 males and 2103 females	EPQ-R-S	HoP/HYP, PhA/PAN, SoA/SAN, PAb/PAS
Herrán, Sierra-Biddle, Cuesta, Sandoya, & Vazques-Barquero (2006)	60 + 43	Two subsamples: 60 schizophrenic out-patients and 43 healthy controls	EPQ	PANSS
Joseph, Smith, & Diduca (2002)	180	Community sample	EPQ	STA/STQ
Koller & Castanos (1969)	44 + 230 + 89 + 347	Four subsamples: two from Australia (44 schizophrenic patients and 230 students) and two from UK (89 schizophrenic patients and 347 students)	EPQ	Nonspecified
LeBoutillier, Barry, & Westley (2016)	203	Voluntary sample	EPQ-R-S	OLIFE
Lipp & Vaitl (1992)	48	Paid healthy volunteers	EPQ	STA/STQ, LSHS-A
Lubow, Ingsberg-Sachs, Zalstein-Orda & Gewirtz (1992)	48 + 20	Two studies: in Study I - 48 and in Study II - 20 undergraduate students	EPQ-R-S	STA/STQ
Mason, Claridge, & Clark (1997)	16 + 45	Two subsamples: schizophrenic in-patients (16) and healthy controls (45)	EPQ	Nonspecified
McGuire, Mowbray, & Vallance (1963)	12 + 400	Two subsamples: 12 schizophrenic patients and normative data from 400 controls	MPI	Nonspecified
McPherson, Presly, Armstrong, & Curtis (1974)	77 + 112	Two subsamples: 77 psychotic patients (47 schizophrenic, 5 paranoid, 9 manic and 16 depressive) and 112 healthy controls	EPQ	Nonspecified
Mulder & Joyce (1997)	148	Psychiatric patients (100 major depression, 15 panic disorder, 14 obsessive-compulsive disorder, 13 bipolar, 4 dysthymia, 1 general anxiety disorder and 1 post-traumatic stress disorder)	EPQ	SCID-II Interview

Table 1 (continued)

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<i>Study</i>	<i>N</i>	<i>Sample type</i>	<i>Personality measure</i>	<i>Schizo measure</i>
Mutaner, Garcia-Sevilla, Fernandez, & Torrubia (1988)	355 + 380	Two subsamples: 355 male and 380 female university students	EPQ	PhA/PAN-R, SoA/SAN-R, PAb/PAS, MGI/MAG, STA/STQ
Nagoshi, Walter, Muntaner, & Haertzen (1992)	95	Healthy volunteers	EPQ	PDQ-R
O'Boyle (1995)	97	Substance abuse patients	EPQ	PDQ-R
Papageorgioua, Karanasiou, Kapsali, Stachtea, Kyprianou, Tsianaka, ... & Papadimitriou (2013)	60 + 35	Two subsamples: 60 patients who met the ICD-10 criteria for schizophrenia and 35 healthy control participants	EPQ	ICD10 criteria for schizophrenia
Parra (2015)	351	Undergraduate students	EPQR-A Spanish	OLIFE
Parra & Argibay (2016)	212	Voluntary sample of psychic-believing subjects	EPQR-A Spanish	OLIFE
Rahman (1988)	78 + 544 + 63 + 531	Four subsamples: 78 male and 63 female psychotic patients, 544 male and 531 female norms	EPQ	Nonspecified
Raine (1987)	34	Long-term male prisoners (13 were serving sentences for murder or manslaughter, 11 for robbery and 13 for miscellaneous offences)	EPQ	DSM III criteria for schizotypal personality disorder
Raine (1991)	151 + 151	Undergraduate student volunteers, total sample (302) was randomly divided into two subsamples: subsample 1 (151, 66 males and 85 females) and subsample 2 (151, 70 males and 81 females)	EPQ-R-S	SPQ
Raine & Allbutt (1989)	38 + 76	Two subsamples: 38 male and 76 female undergraduate students	EPQ-R-S	NP, LSHS, PAb/PAS, SoA/SAN, STA/STQ
Rawlings & Toogood (1997)	93	Undergraduate students	EPQ	OST, STA/STQ
Rust, Moncada, & Lepage (1988)	608	University students	EPQ	RISC
Schalling, Edman, Åsberg, & Oreland (1988)	58	Drug-free blood-donors at a university hospital	EPQ	KSP
Schuldberg (2005)	323	Undergraduate students	EPQ	PhA/PAN, NcS/IMP, HoP/HYP, PAb/PAS, MGI/MAG, MMPI Schizoidia
Seeman, Yesavage, & Widrow (1985)	20	Consecutive patients who met DSM-III criteria for schizophrenia	EPQ	MSS
Sierro, Rossier, Mason, & Mohr (2016)	768	University students	EPQR-A French	sOLIFE

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<i>Study</i>	<i>N</i>	<i>Sample type</i>	<i>Personality measure</i>	<i>Schizo measure</i>
Szelenberger (1983)	20 + 50	Two subsamples: 20 schizophrenic male patients and 50 controls selected from medical students and staff	EPQ	ICD8 criteria for schizophrenia
Torrubia & Muntaner (1987)	48 + 75	Two subsamples: 48 male and 75 female secondary school students	EPQ	STA/STQ
Unterrainer, Huber, Sorgo, Collicutt, & Fink (2011)	102	Undergraduate students	EPQ-RK	MgI/MAG
Van den Bosch (1984)	20 + 20 + 20	Three subsamples: 20 schizophrenic patients, 20 schizotypic patients and 20 control (normal) subjects	EPQ	DSM III criteria for schizophrenia and schizotypal personality disorder
Van Kampen (1993)	226	Community sample	3DPT	MMPI for DSM-III
Verghese & Abraham (1972)	59 + 95	Two subsamples: 59 schizophrenic patients and 95 controls selected from students and staff	EPI	Nonspecified
Wang, Miyazato, Hokama, Hiramatsu, & Kondo (2004)	34	Paid healthy volunteers	MPI	SPQ
White, Joseph, & Neil (1995)	183	Community sample	EPQ	STA/STQ
Williams (1989)	40 + 48	Two subsamples: 40 male and 48 female university students	EPQ	GRID-STD
Williams, Wellman, Allan, Taylor, Tonin, Feldon, & Rawlins (1996)	360	Paid healthy volunteers	EPQ	STA/STQ
Wuthrich & Bates (2001)	54	Undergraduate students	EPQ-R	SPQ
Young, Bental, Slade, & Dewey (1986)	204	Undergraduate students	EPQ	LSHS-A

*Note:* EPQ=Eysenck Personality Questionnaire (Eysenck & Eysenck, 1975); EPQ R=Eysenck Personality Questionnaire Revised (Eysenck, Eysenck, & Barrett, 1985); EPQR-A French=The Eysenck Personality Questionnaire Revised and Abridged (Bouvard et al., 2010); EPQR-A Spanish=The Eysenck Personality Questionnaire Revised and Abridged (Bouvard et al., 2010); EPI=Eysenck Personality Inventory (Eysenck & Eysenck, 1964; Eysenck, 1968); MPI=The Maudsley Personality Inventory (Eysenck, 1959; Jensen, 1958); 3DPT=3-Dimensional Personality Test (van Kampen, 1993); SPQ=Schizotypal Personality Questionnaire (Raine, 1991); STA/STQ=Shizotypal Personality Scale/Shizotypal Traits Questionnaire (Claridge& Brooks, 1984); LSHS=Launay–Slade Hallucinations Scale (Launay& Slade, 1981); LSHS-A=Launay–Slade Hallucinations Scale Revised (Bentall & Slade, 1985); NP=Nielsen & Petersen Schizophrenism Scale (Nielsen & Petersen, 1976); PhA/PAN=Physical Anhedonia (Chapman & Chapman, Raulin, 1976); PhA/PAN-R=Physical Anhedonia Revised (Chapman & Chapman, 1978); SoA/SAN=Social Anhedonia (Chapman & Chapman, Raulin, 1976); SoA/SAN-R=Social Anhedonia Revised (Eckblad, Chapman, Chapman, & Mishlove, 1982); HoP/HYP=Hypomanic Personality (Eckblad & Champan, 1986); PAb/PAS=Perceptual Aberation (Chapman, Edell, & Chapman, 1980); MgI/MAG=Magical Ideation Scale (Eckblad& Chapman, 1983); MMPI Schizoidia=MMPI Seven Item Schizoidia scale from MMPI (Golden & Meehls, 1979); DSSI=Delusion Symptoms States Inventory (Foulds & Bedford, 1975); NcS/IMP=Impulsive nonconformity scale (Chapman et al., 1981); OLIFE=Oxford–Liverpool Inventory of Feelings and Experiences (O-LIFE) (Mason, Linney, & Claridge, 2005); RISC=The Rust Inventory of Schizotypal Cognitions (Rust, 1987, 1988); KSP=Karolinska Scales of Personality (KSP, Schalling & Edman, 1988); MSS=Montgomery Schizophrenia Scale (Montgomery, Taylor & Montgomery, 1978); OST=The Object Sorting Test modified (Lovibond, 1954); GRID-STD=Grid Test of Schizophrenic Thought Disorder (Bannister & Fransella, 1967); PDE=Personality Disorder Examination (Loranger, 1988); PSQ80=Personality Syndrome Questionnaire (Gruzelier & Kaiser, 1996); MPQ Absorption=Absorption/Multidimensional Personality Questionnaire (Tellegen, 1982); PANSS=Positive and Negative Syndrome Scale (Kay, Fiszbein, & Opfer, 1987); PDQ-R=Personality Diagnostic Questionnaire-Revised (Hyler, Reider, Williams, Spitzer, Hendler, & Lyons, 1988); SCID-II Interview=Structured

Clinical Interview for DSM-III-R Personality Disorders (Spitzer, Williams, & Gibbon, 1987); SCID II Questionnaire=Structured Clinical Interview for DSM-III-R Personality Disorders Questionnaire (Spitzer, Williams, Gibbon, & First, 1990); MMPI for DSM-III=MMPI scales for DSM-III personality disorders (Morey, Waugh, & Blashfield, 1985).

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