

THE LANCET Psychiatry

Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: Gurillo P, Jauhar S, Murray RM, MacCabe JH. Does tobacco use cause psychosis? Systematic review and meta-analysis. *Lancet Psychiatry* 2015; published online July 10. [http://dx.doi.org/10.1016/S2215-0366\(15\)00152-2](http://dx.doi.org/10.1016/S2215-0366(15)00152-2).

Study (author/year)	Type of study	Meta-analysis selection	Country	Classification system	Measured cannabis?
Akvardar (2004)	Cross-sectional	OP	Turkey	DSM-IV	Yes
Baeza (2009)	Prospective	Prevalence	Spain	DSM-IV	Yes
Barrigón (2010)	Cross-sectional	Prevalence	Spain	DSM-IV	Yes
Beratis (2001)	Case-control	OP, SBOP	Greece	DSM-IV	No
Berk (2010)	Prospective	Prevalence, OP	Australia	DSM-III-R, DSM-IV	No
Brewer (2001)	Prospective	Prevalence, SBOP	Australia	DSM-III-R	Yes
Cadenhead (2011)	Prospective	OR	USA	DSM-IV	Yes
Compton (2009)	Retrospective	Prevalence	USA	DSM-IV	Yes
Cooper (2012)	Cross-sectional	OP	Australia	ICD-10	No
Curtis (2011)	Retrospective	Prevalence	Australia	DSM-IV	No
deRuiter (2013)	Prospective	Prevalence	Canada	DSM-IV	Yes
Dervaux (2004)	Cross-sectional	OP	France	DSM-III-R	No
Diaz (2008)	Case-control	SBOP	Colombia	DSM-IV	No
Etter (2004)	Case-control	SBOP	Switzerland	ICD-10, DSM-III-R	No
Fawzi (2007)	Cross-sectional	OP	Egypt	ICD-10	No
Goff (1992)	Cross-sectional	OP	USA	DSM-III-R	Yes
Hakko (2006)	Cross-sectional	Prevalence	Finland	DSM-IV	No
Harrison (2008)	Prospective	Prevalence	UK	DSM-IV	Yes
Hides (2009)	Cross-sectional	Prevalence	Australia	DSM-IV	Yes
Hilti (2010)	Case-control	Prevalence	Switzerland	ICD-10, DSM-IV	No
Ilomäki (2008)	Cross-sectional	Prevalence	Finland	DSM-IV	No
Jiang (2013)	Case-control	SBOP	Singapore	DSM-IV-TR	No
Kelly (1999)	Cross-sectional	OP, SBOP	UK	DSM-III-R, ICD-9	No
Kendler (2015)	Prospective	RR	Sweden	ICD-8 to ICD-10	No
Kobayashi (2010)	Retrospective	OP	Japan	ICD-10	No
Kopala (1992)	Case-control	Prevalence, OR	Canada	DSM-III-R	No
Kotov (2010)	Prospective	Prevalence, OP	USA	DSM-IV	No
Kristensen (2007)	Prospective	Prevalence	USA	DSM-IV	Yes
Luty (2002)	Prospective	Prevalence, OR	UK	DSM-IV	No
McCreadie (2000)	Cross-sectional	Prevalence	UK	DSM-IV	No
McEvoy (1999)	Cross-sectional	Prevalence	USA	DSM-III-R	No
Mori (2003)	Cross-sectional	OP	Japan	DSM-IV	No
Patkar (2002)	Cross-sectional	OP	USA	DSM-IV	No
Pérez-Iglesias (2009)	Prospective	Prevalence	Spain	DSM-IV	Yes
Petrovsky (2013)	Case-control	OP	Germany	DSM-IV	No
Reddy (2003)	Case-control	Prevalence, OR	USA	DSM-IV	No
Reddy (2004)	Case-control	Prevalence, OR	USA	DSM-IV	No
Riala (2005)	Prospective	Prevalence,	Finland	DSM-III-R	No

		RR, OP, SBOP			
Roick (2007)	Case-control	SBOP	Germany	ICD-10	No
Salokangas (2000)	Cross-sectional	OP	Finland	DSM-III-R	No
Sandyk (1991)	Cross-sectional	OP	USA	DSM-III	No
Samele (2007)	Case-control	Prevalence, OR, SBOP	UK	ICD-10	Yes
Segarra (2011)	Prospective	OP	Spain	DSM-IV	Yes
Sengupta (2008)	Case-control	Prevalence, OR	Canada	DSM-IV	No
Smesny (2005)	Case-control	Prevalence, OR	USA	DSM-IV	Yes
Smesny (2007)	Case-control	Prevalence, OR	Germany	DSM-IV	Yes
Smith (2009)	Cross-sectional	Prevalence, OP, SBOP	Canada	DSM-IV	No
Smith (2010)	Prospective	Prevalence	Canada	DSM-IV	Yes
Sørensen (2011)	Prospective	RR	Denmark	ICD-8, ICD-10	No
Strassnig (2007)	Prospective	Prevalence, OR	USA	DSM-IV	No
Tidey (2013)	Case-control	SBOP, OP	USA	DSM-IV	No
Turan (2009)	Case-control	OP	Turkey	DSM-IV	No
Uzun (2003)	Prospective	OP	Turkey	DSM-IV	No
Wade (2005)	Cross-sectional	Prevalence, OP	Australia	DSM-IV	Yes
Wade (2006)	Prospective	OP	Australia	DSM-IV	Yes
Weiser (2004)	Prospective	Prevalence, RR	Israel	ICD-9, ICD-10	No
Yıldız (2010)	Cross-sectional	OP	Turkey	DSM-IV	Yes
Zabala (2009)	Cross-sectional	Prevalence	Spain	DSM-IV	No
Zammit (2003)	Prospective	Prevalence, RR, OP	Sweden	ICD-8, ICD-9	Yes
Zhang (2010)	Case-control	SBOP	China	DSM-IV	No
Zhang (2013)	Case-control	Prevalence, OR, SBOP	China	DSM-IV	No

OP=onset of psychosis. SBOP=smokers who started before onset of psychosis. RR=risk ratio. OR=odds ratio.

Table 1: Studies in which prevalence was measured by comparison with a control group

Country	Prevalence in first-episode psychosis (author, year)	Prevalence in general population*
Australia	0.66 (Curtis, 2011) 0.72 (Berk, 2010) 0.66 (Hides, 2009) 0.73 (Brewer, 2001) 0.77 (Wade, 2005)	0.13
Canada	0.43 (Kopala, 1992) 0.60 (Smith, 2010) 0.79 (Sengupta, 2008) 0.43 (deRuiter, 2013) 0.54 (Smith, 2009)	0.12
China	0.36 (Zhang, 2013)	0.21
Finland	0.44 (Hakko, 2006) 0.46 (Riala, 2005) 0.48 (Ilomäki, 2008)	0.14
Germany	0.47 (Smesny, 2007)	0.19
Israel	0.45 (Weiser, 2004)	0.14
Spain	0.31 (Baeza, 2009) 0.59 (Pérez-Iglesias, 2009) 0.51 (Zabala, 2009) 0.71 (Barrigón, 2010)	0.21
Sweden	0.61 (Zammit, 2003)	0.13
Switzerland	0.83 (Hilti, 2010)	0.17
UK	0.64 (Harrison, 2008) 0.73 (McCreadie, 2000) 0.49 (Samele, 2007) 0.52 (Luty, 2002)	0.16
USA	0.34 (Strassnig, 2007) 0.42 (Reddy, 2003) 0.46 (Reddy, 2004) 0.63 (Smesny, 2005) 0.77 (McEvoy, 1999) 0.44 (Compton, 2009) 0.66 (Kotov, 2010) 0.67 (Kristensen, 2007)	0.12

FEP=first-episode psychosis. *Data taken from Ng, 2014.

Table 2: Prevalence of smoking in individuals with first-episode psychosis and in the general population

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