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Supplementary Material

Article Title: Tobacco Use Before, at, and After First-Episode of Psychosis—a Systematic Meta-Analysis

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Supplementary eTable 1: study comparisons

Table 1 – characteristics of the studies included in the meta-analyses					
Study	Used in meta-analysis	Setting	Age range	Measure of psychosis	Measure of tobacco
Ates et al (2008)	Rates	Haydarpasa Training Hospital, Istanbul, Turkey	Unspecified	DSM-IV	Clinical interview
Baeza et al (2009)	Rates, course	Unspecified psychiatry departments across Spain	9-17	K-SADS-PL DSM-IV	K-SADS-PL
Baker et al (2007)	Initiation	Recruited as part of quit program in Newcastle, Australia	18-64	ICD-9	Clinical interview
Barrigon et al (2010)	Rates	Unspecified psychiatry departments in Grenada and Jaen, Spain	18-57	SCID-I DSM-IV	Clinical Interview

Beratis et al (2001)	Initiation	University of Patras Medical School, Greece	16-75	DSM-IV	Clinical interview
Berk et al (2010)	Rates	Early Psychosis Prevention and Intervention Centre Melbourne, Australia	15-30	RPMIP DSM-IV	Fagerstrom Tolerance Questionnaire
Brewer et al (2001)	Rates, odds, course	Early Psychosis Prevention and Intervention Centre Melbourne, Australia	16-30	RPMIP DSM-III	Clinical interview
Compton et al (2009)	Rates	2 psychiatric clinics in Atlanta, USA	18-40	SCID-I DSM-IV	Clinical interview
Compton (unpublished)	Rates	2 psychiatric clinics in Atlanta, USA	18-40	SCID-I DSM-IV	Clinical interview
Curtis et al (2011)	Rates	Outpatient First- Episode Psychosis clinic in Sydney, Australia	16-27	SCID-I DSM-IV	Structured monitoring form
Di Forti et al (2009)	Rates, odds	South London division of Mental	18-65	SCAN ICD-10	Clinical interview

		Health, UK			
Fawzi et al (2007)	Initiation	Psychiatric clinic, Zagazig University Hospital, Egypt	Unspecified	ICD-10	Fagerstrom tolerance questionnaire
Fernandez-Egea et al (2009)	Rates	Psychiatric clinic at Hospital of Barcelona, Spain	Unspecified	SCID-I DSM-IV	Dartmouth Assessment of Lifestyle Inventory
Goff et al (1992)	Initiation	Psychiatric clinic, Massachusetts General Hospital, USA	23-64	DSM-III SCID-I	Clinical interview
Harrison et al (2008)	Rates, course	West London First- Episode Psychosis Study, UK	16-50	DSM-IV	Substance Use Rating Scale
Hides et al (2009)	Rates	Early Psychosis Prevention and Intervention Centre Melbourne, Australia	15-29	SCID-I DSM-IV	ASSIST
Hilti et al (2010)	Rates	Psychiatry Service of Aargau, Switzerland	18-32	DIA-X DSM-IV and ICD-10	Unspecified
Kelly & McCreadie (1999)	Initiation	Nithsdale census	Unspecified	DSM-III	Health and lifestyle

		data, Scotland			survey
Kobayashi et al (2010)	Rates	Random sample of discharge data from all psychiatric hospitals across Japan	Unspecified	DSM-III	Note review
Kopala et al (1993)	Rates, odds	Unspecified psychiatric inpatient unit, Vancouver, Canada	18-45	Present State Examination DSM-III	Unspecified
Kotov et al (2010)	Rates, course	12 inpatient psychiatric units across New York State, USA	15-58	SCID-I DSM-III	National Household Survey on Drug Abuse Interview
Luty et al (2002)	Course	Six hospitals across west Scotland	Unspecified	DSM-IV	Scotland census questionnaire
Ma et al (2010)	Initiation	Inpatient units of 5 psychiatric hospitals in Chengdu and Chongqing, China	Unspecified	DSM-IV SCID-I	Fagerstrom tolerance questionnaire
McCreadie et al (2000)	Rates	Six hospitals across west Scotland	Unspecified	DSM-IV	Unspecified

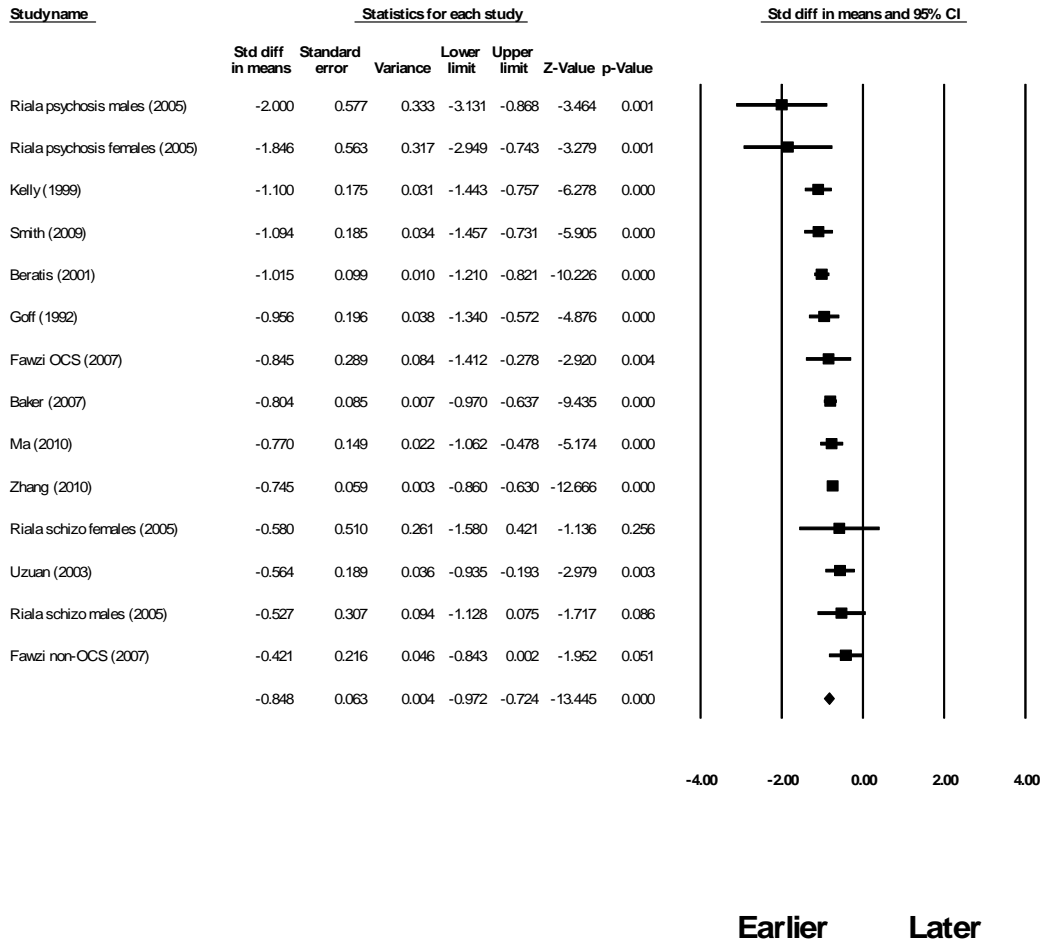
McEvoy et al (1999)	Rates	Unspecified psychiatric unit in North Carolina, USA	Unspecified	Unspecified	Unspecified
Perez-Iglesias et al (2009)	Rates	Marques de Valdecilla University Hospital Canatbria, Spain	15-60	SCID-I	Unspecified
Riala et al (2005)	Initiation	North Finland Birth Cohort	Unspecified	DSM-III	Patient questionnaire
Reddy et al (2003)	Rates	University of Pittsburgh Medical Centre, USA	Unspecified	SCID-I DSM-IV	Clinical interview
Reddy et al (2004)	Rates, odds	University of Pittsburgh Medical Centre, USA	Unspecified	SCID-I DSM-III	Clinical interview Cotine assay
Samele et al (2007)	Rates, odds	South London division of Mental Health, UK	16-65	DSM-IV	HAL2 questionnaire
Sengupta et al (2008)	Rates, odds	Psychiatric Department Louis H Lafontaine Hospital,	Unspecified	SCID-I DSM-IV	Unspecified

		Montreal Canada			
Smesny et al (2005)	Rates, odds	Department of Psychiatry University of Jena, Germany and Early Psychosis Prevention and Intervention Centre Melbourne, Australia	Unspecified	SCID-I DSM-IV	Unspecified
Smesny et al (2007)	Rates, odds	Department of Child and Adolescent Psychiatry, University of Jena, Germany	14-21	SCID-I DSM-IV	Clinical interview
Smith et al (2009)	Rates, course, initiation	Early Psychosis program in South Vancouver, Canada	14-37	SCID-I DSM-IV	Fagerstrom Tolerance Questionnaire
Smith et al (2010)	Rates	Unspecified	Unspecified	Unspecified	Unspecified
Strassnig et al (2007)	Rates, odds	Western Psychiatric Institute, University of Pittsburgh Medical Centre, USA	18-50	SCID-I DSM-IV	Unspecified

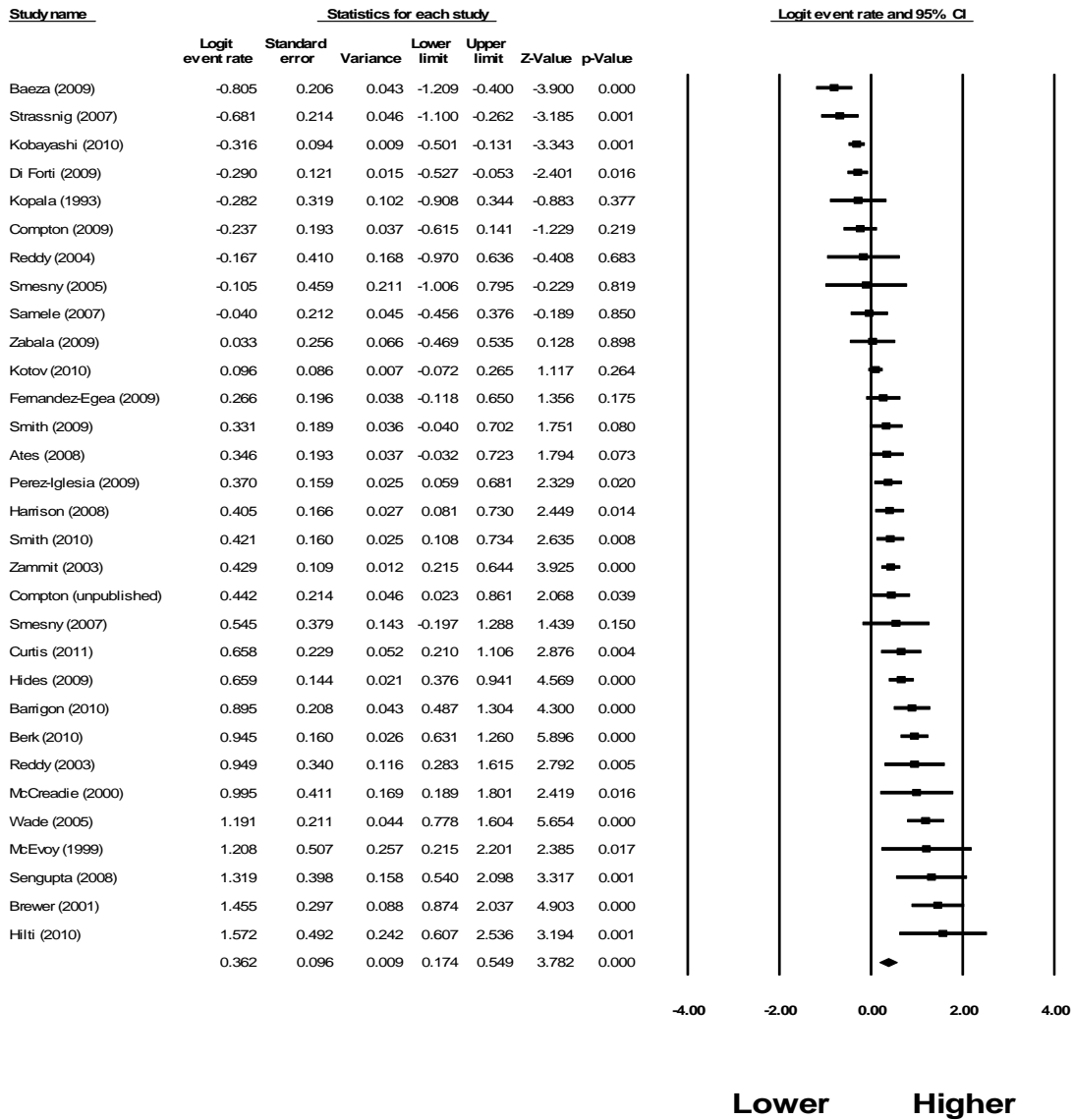
Uzun et al (2003)	Initiation	Outpatient psychiatric unit, Gulhane School of Medicine, Turkey	18-75	DSM-IV SCID-I	Clinical interview
Wade et al (2005)	Rates, course	Early Psychosis Prevention and Intervention Centre Melbourne, Australia	Unspecified	RPMIP DSM-IV	Clinical interview
Zabala et al (2009)	Rates	Various psychiatric facilities in Northern Spain	Unspecified	SCID-I DSM-IV	Clinical interview
Zammit et al (2003)	Rates	Swedish conscript census	Unspecified	ICD-8	Clinical interview
Zhang et al (2010)	Initiation	Hui-Long-Guan Hospital, Beijing, China	25-75	DSM-IV	Clinical interview CO breath test

Abbreviations: Diagnostic and Statistical Manual of Mental Disorders (DSM), Structured Clinical Interview for DSM Disorders (SCID), Royal Park Multidiagnostic Instrument for Psychosis (RPMIP), International Classification for Disease (ICD), Schedule for Affective and Schizophrenia for School-Age Children – Present and Lifetime Version (K-SADS-PL), Alcohol Smoking and Substance Involvement Screening Test (ASSIST), Expert System for Diagnosing Mental Disorders (DIA-X), Health and Lifestyle Questionnaire 2 (HAL2).

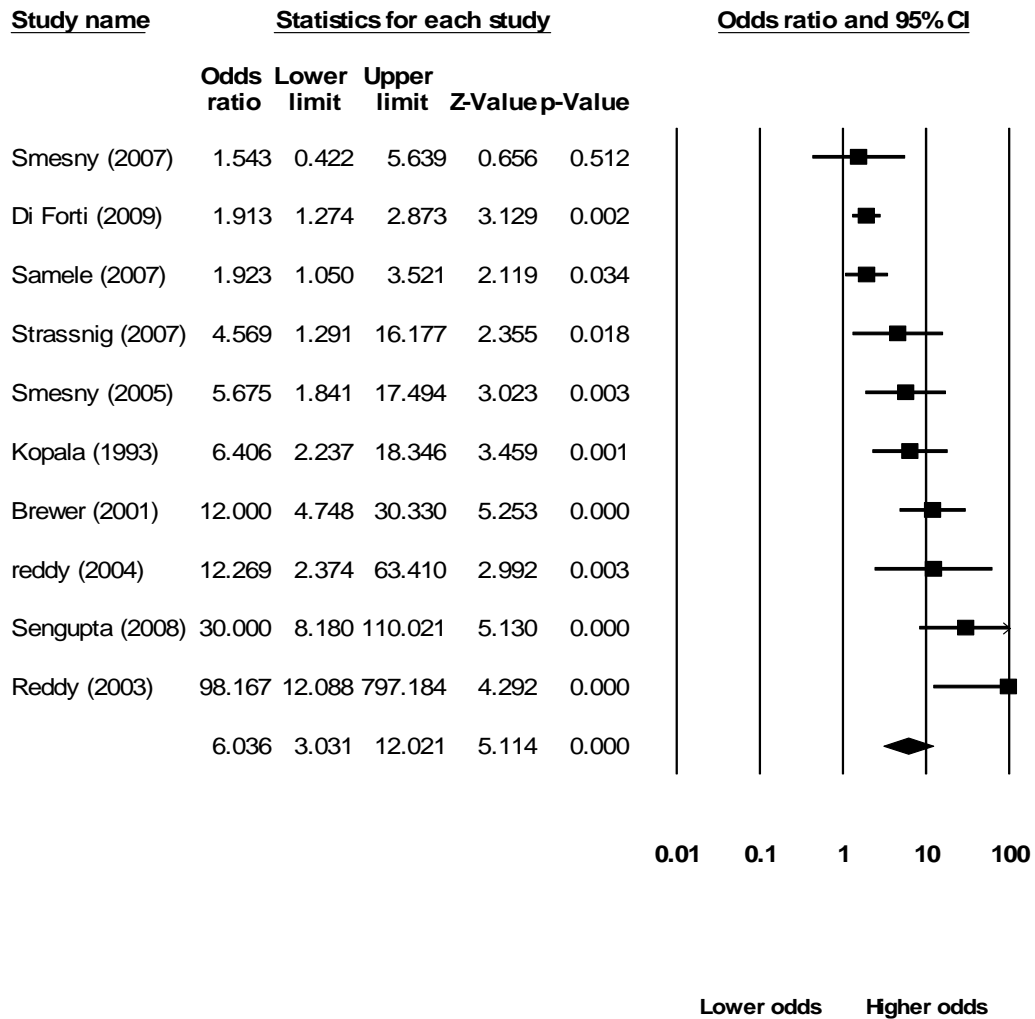
Supplementary eFigure 1: Meta-analysis of initiation of tobacco use forest plot



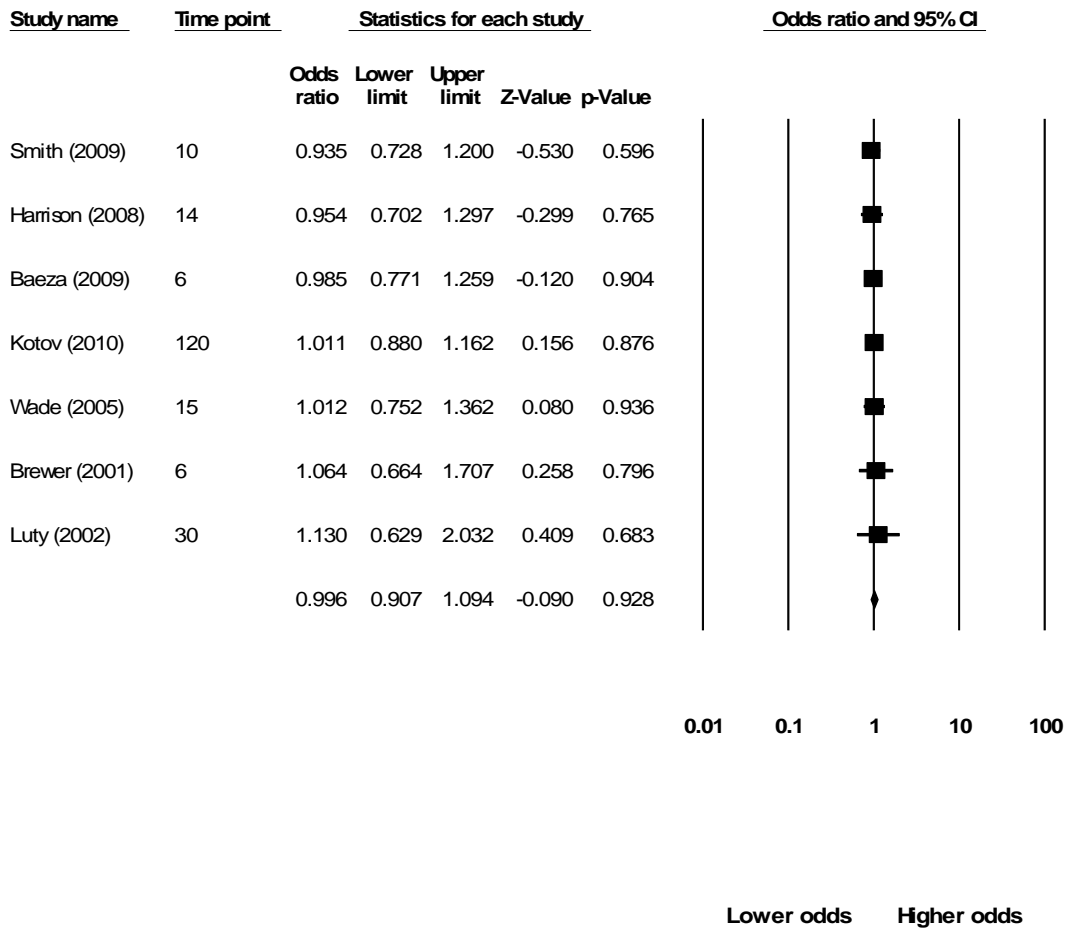
Supplementary eFigure 2: Meta-analysis of prevalence of tobacco use forest plot



Supplementary eFigure 3: Meta-analysis of odds of tobacco use forest plot



Supplementary eFigure 4: Meta-analysis of course of tobacco use forest plot



Supplementary eReferences

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