Supplementary materials for the article "Reduced posterior mesofrontal cortex activation by risky rewards in substance-dependent patients"

published in *Drug and Alcohol Dependence*

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This material supplements but does not replace the content of the peer-reviewed paper published in Drug and Alcohol Dependence.

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Supplemental Table 1. Demographics and DSM-IV Diagnoses of Substance-Dependent Patients

Sex	Age	Axis I	Axis II
Female	26	Alcohol Dependence	Paranoid PD
		Cocaine Dependence	Narcissistic PD
		Cannabis Dependence	Borderline PD
		Stimulant Dependence	Antisocial PD
		Hallucinogen Dependence	PAPD
		Nicotine Dependence	
		Other/Unknown Substance Dependence	
		Substance-Induced MD	
		PTSD	
		Specific Phobia	
		Anxiety Disorder, NOS	
		ADHD, Combined Type	
Female	33	Alcohol Dependence	None
		MJPD (past)	
		Panic Disorder, without Agoraphobia	
		Panic Disorder, without Agoraphobia (past)	
		PTSD (past)	
		Substance-Induced Anxiety Disorder	
		Substance-Induced MD	
		Cannabis Dependence (past)	
		Cocaine Dependence (past)	
		Amphetamine Dependence (past)	
		Hallucinogen Abuse (past)	
Female	41	Alcohol Dependence	None
		Alcohol-Induced AD (past)	
		Nicotine Dependence	
		Cocaine Dependence	
Female	37	Alcohol Dependence	None
		Specific Phobia	
		Adjustment Disorder (past)	
		Opioid Abuse (past)	
		Amphetamine Abuse (past)	
		Cocaine Dependence	
		Cannabis Dependence	
		Hallucinogen Dependence	
Female	40	Alcohol Dependence	Paranoid PD
		Other Substance-Induced MD	
		Agoraphobia, without panic attack	
		Cocaine Dependence	
Female	46	Substance-Induced MD	Avoidant PD
		Panic Disorder, without Agoraphobia	Antisocial PD
		Specific Phobia	OCPD
		Cocaine Dependence	Dependent PD
		Alcohol Dependence	ı
		Opioid Dependence	
		Amphetamine Abuse	
		Hallucinogen Abuse	
		Cannabis Abuse	

Sex	Age	Axis I	Axis II
Female	39	Alcohol-Induced AD	None
		Alcohol Dependence	
		Amphetamine-Induced MD	
		Cocaine Dependence	
		Cocaine Dependence (past)	
		Other Substance Dependence (past)	
Male	18	Amphetamine-Induced MD	None
		Alcohol Dependence	
		Obsessive-Compulsive Disorder	
		Alcohol-Induced AD	
		Cocaine Dependence	
		Cannabis Dependence	
Male	25	Cannabis Dependence	Paranoid PD
		Alcohol Dependence	Antisocial PD
		Cocaine Abuse (past)	
Male	23	Specific Phobia	PD, NOS
		Alcohol Dependence	,
		Amphetamine-Induced MD	
		Cannabis Dependence	
		Cocaine Dependence	
		Caffeine Intoxication (past)	
		Nicotine Dependence	
		Amphetamine Intoxication	
Male	33	Alcohol-Induced AD	Antisocial PD
viuic	33	Alcohol Dependence	midsocial I B
		Amphetamine-Induced Psychotic Disorder	
		Agoraphobia, without panic attack	
		Social Phobia	
		Specific Phobia	
		Cannabis Dependence	
		Cocaine Dependence	
		Hallucinogen Dependence (past)	
		Amphetamine Intoxication	
Male	35	Alcohol-Induced AD	Antisocial PD
viaie	33	Amphetamine-Induced MD	PD, NOS
		-	FD, NOS
		Alcohol Dependence	
		Cannabis Dependence (past)	
		Opioid Dependence (past)	
		Hallucinogen Dependence (past)	
M-1-	4.1	Cocaine Dependence	Nama
Male	41	MJDP	None
		Alcohol Dependence	
		OCD	
		Opioid Abuse (past)	
	26	Cocaine Abuse	A 11 . DD
Male	26	PTSD (past)	Avoidant PD
		PTSD	Narcissistic PD
		Anxiety Disorder NOS	Paranoid PD
		Alcohol-Induced MD (past)	Dependent PD
		Alcohol-Induced MD	OCPD
		Other-Induced MD (past)	PAPD
		Other-Induced MD	Depressive PD
		Alcohol Dependence	
		Cocaine Dependence (past)	
		Cocaine Dependence	

Nicotine	Dependence
MICOLING	Dependence

Gender	Age	Axis I	Axis II
Male	34	MJDP	Avoidant PD
		MJPD (past)	Dependent PD
		Amphetamine-Induced MD	Paranoid PD
		Generalized Anxiety Disorder	Schizotypal PD
		Amphetamine-Induced Psychotic Disorder	Narcissistic PD
		Alcohol-Induced Psychotic Disorder	Borderline PD
		Panic Disorder, with Agoraphobia	Antisocial PD
		Obsessive-Compulsive Disorder	
		Social Phobia	
		ADHD (past)	
		ADHD	
		Specific Phobia	
		Alcohol Dependence	
		SHA Abuse (past)	
		SHA Abuse	
		SHA Dependence (past)	
		Cannabis Dependence (past)	
		Cocaine Dependence (past)	
		Amphetamine Dependence (past)	
		Opioid Dependence (past)	
Male	43	Amphetamine-Induced MD	Narcissistic PD
		MJDP	OCPD
		Hallucinogen Abuse	Paranoid PD
		Cocaine Dependence	PD, NOS
		Cannabis Dependence	
		Opioid Dependence	
		Alcohol Dependence	
Male	32	Cocaine Dependence	None
		Alcohol Dependence	
		Cannabis Dependence (past)	

AD-Anxiety Disorder, ADHD –Attention Deficit-Hyperactivity Disorder, MD-Mood Disorder, MJDP-Major Depression Unspecified, NOS-Not Otherwise Specified, OCD- Obsessive-Compulsive Disorder, OCPD-Obsessive-Compulsive Personality Disorder, PAPD- Passive Aggressive Personality Disorder, PD-Personality Disorder, PTSD-Post Traumatic Stress Disorder, SHA-Sedative, Hypnotic, or Anxiolytic

Supplemental table 2. NEO-Five Factor Inventory scores (mean and SD)

Scale:	Controls (n =15)	SDP (n = 17)	t(30)	<u> </u>
Neuroticism factor	43.9 (12.5)	60.1 (9.9)	4.10	<.001
Extraversion factor	45.9 (10.0)	55.9 (10.6)	2.71	<.05
Openness factor	53.7 (11.7)	48.8 (10.1)	1.28	n.s.
Agreeableness factor	50.5 (10.0)	39.4 (11.9)	2.83	<.01
Conscientiousness factor	50.6 (9.8)	40.8 (9.6)	2.85	<.01
Impulsivity facet	43.8 (9.2)	57.2 (8.6)	4.25	< .001