

Table S2. Predictors for dropout from simple analysis and multiple logistic regression (LR) analyses

Study	Simple regression analysis #				Multiple LR analyses				Comments		
	Domain	Factor	OR	CI for β	p-value	ΔR^2	OR	CI for β		p-value	ΔR^2
Bendix et al., 1998 Prospective cohort study (27)	Disease	Ability to work				0.05				0.02	Simple analysis: No rapport. $p < 0.25$ for multiple regression analyses. Multiple regression analyses: forward selection
		Sick day leave				0.05				0.03	
Biller et al., 2000 Prospective cohort study (28)	Sociodemographic	Age	1			0.01		1		0.01	Simple logistic regression analysis: $p < 0.05$ Multiple regression analyses: hierarchic logistic regression
		Disease	Pain intensity	0.91		0.001		0.83		0.01	
	Disease	Disability	1		0.01		1		0.001		
	Patient	Pre-contemplation Contemplation	2.1 0.45		0.001 0.001		2.5		0.001		
Carosella et al., 1994 (29) Retrospective cohort study	Sociodemographic	Action	0.63			0.01		0.67		0.01	Simple analysis: t tests, χ^2 tests $p < 0.05$ for multiple regression analyses: Multiple logistic regression analysis: Hierarchic logistic regression Backward/forward selection Correct classification 71%
		Depression	0.91			0.01				0.08	
	Patient	Age				0.05				0.01	
		Somatization				0.05				0.01	
	Disease	Return to work expectation				0.05				0.00	
		Mean pain intensity				0.05				0.05	
		Duration Work disability				0.01				0.05	
Coughlan et al., 2009 Retrospective cohort study (30)	Patient	Disability				0.05				0.05	Simple analysis: t tests, χ^2 tests $p < 0.05$ for multiple regression analyses Multiple regression analyses: forward selection
		Self-efficacy				0.05				0.00	
	Walk distance					0.05				0.04	

Table S2. cont.

Study	Simple analysis #				Multiple LR analyses				Comments		
	Domain	Factor	OR	CI for β	p-value	ΔR^2	OR	CI for β		p-value	ΔR^2
Howard et al, 2009 Prospective cohort study (24)	Sociodemographic	Pre-treatment work status	0.46	(1.59–2.98)	0.001		0.41	0.23–0.71	0.00		Simple analysis: simple logistic regression analysis $p < 0.05$ for multiple regression analysis Multiple logistic regression analyses: Correct classification 78.5%
		Currently working	0.52	(1.60–2.32)	0.001						
Patient		Original job available									
		Pre-treatment case settlement	1.30	(1.06–1.56)	0.009						
		Opioid dependence	2.04	(1.59–2.70)	0.001		1.48		1.08–2.03	0.02	
		Any cluster A Dx	1.61	(1.28–2.04)	0.001						
		Any cluster B Dx	2.04	(1.64–2.56)	0.001		1.62		1.22–2.14	0.00	
		Any cluster C Dx	1.39	(1.10–1.75)	0.005						
		Anxiety disorder	1.59	(1.15–2.17)	0.004						
		Substance use disorder	2.04	(1.56–2.56)	0.001						
		Axis 2 disorder	2.00	(1.54–2.56)	0.001						
		MMPI normal profile	0.18	(2.30–13.9)	0.001						
Disease		MMPI disability profile	1.59	(1.23–2.08)	0.001						
		Disability Pre-treatment MVAS	d_.353		0.001		1.01 (1.011)	1.01–1.02	0.00		
		Length of disability	d_.228		0.001		1.01 (1.009)	1.00–1.02	0.01		
		Pre-treatment Surgery	1.28	(1.09–1.54)	0.004						

Table S2. cont.

Study	Domain	Factor	Simple Analysis #				Multiple LR Analyses				Comments
			OR	CI for β	P Value	ΔR^2	OR	CI for β	P Value	ΔR^2	
Kvaal et al., 1999 Retrospective cohort study (31)	Disease	Variability in pain	NR	NR	0.05	NR	NR	0.03	NR	Simple regression analysis: t tests Multiple logistic regression analyses	
Richmond et al., 1999	Disease	Current pain	NR	NR	0.05	NR	NR	NS	NR	Simple analysis: t tests, c2 tests $p < 0.05$ for multiple logistic regression analyses	
Randomized clinical trial- Secondary retrospective analysis (33)		Pain behavior	NR	NR		NR	NR	*S	NR	No statistical information given Multiple logistic regression analyses: Forward Selection	
		Chronic disability						*S		Correct classification 100%	
		Meds too long						*S		Simple analysis: t tests, c2 tests	
		Too much meds						*S		$p < 0.05$ for Multiple logistic regression analyses	
Slouts et al., 2009 Retrospective cohort study (32)	Sociodemographic	Status of origin	2.44	1.51–3.92	<0.001	2.44	1.51–3.92	0.00	0.00	Multiple logistic regression analyses: Logistic regression forward	
	Treatment	Phase of treatment	0.47	0.27–0.80	<0.001	0.47	0.27–0.80	0.00	0.00		
		Type of institution	0.44	0.22–0.89	<0.001	0.44	0.22–0.89	0.02	0.02		

#Only significant results of the simple (logistic) regression analysis were shown. Age first LBP: age first low back pain; Any cluster A Dx: paranoid; schizotypal; schizoid; Any cluster B Dx: antisocial; borderline; histrionic; narcissistic; Any cluster C Dx: avoidant; dependent; obsessive-compulsive; Any Cluster D Dx: otherwise; Age BLC: age baseline completion; BOM: direct observation of pain behavior; CI for β : confidence interval for beta; CDI: Chronic Disability Index; CSQ Cat/PT: Coping Strategies Questionnaire Catastrophizing Scale at Post-treatment; ΔR^2 : explained variance; NS: non-significant; OR: odds ratio; Pre-treatment BDI: Pre-treatment Beck Depression Inventory; Pretreatment MVAS: Pre-treatment Million Visual Analog Scale measuring disability; MMP: Minnesota Multiphasic Personality Inventory; *S: significant.