

Table 1

Identification of latent profiles

	LL	BIC (LL)	AIC (LL)	CAIC (LL)	Npar	C. error	% cross validation agreement			% kappa	
Model 2 latent class	283.79	-470.34	-531.58	-452.34	18	.08	100	94		.928	
Model 3 latent class	330.49	-498.89	-600.97	-468.89	30	.07	96.3	97.1	88.5	.927	
Bootstrap model 2 vs. model 3: -2LL Diff: -93.39; p-value = .000; S.e.: 0.001											
Model 4 latent class	360.25	-493.59	-636.51	-451.59	42	.05	87.2	95.7	89.7	95.8	.489
Bootstrap model 4 vs. model 3: -2LL Diff: 59.54; p-value = .346; S.e.: 0.021											

Note. Npar: number of parameters; C. error: classification error.

Table 2

Analysis of latent profiles in terms of sociodemographic and consumption data

	Profile 1 (n=105)	Profile 2 (n=87)	Profile 3 (n=30)	Statistic (d.f.)	<i>p</i>	Effect size
Age <i>M</i> (SD)	38.61 (10.11)	38.78 (10.16)	36.37 (11.55)	$F(2, 219) = 0.661$	.518	$\eta^2 = 0.005$
Gender %						
Males	85.7	83.9	93.3	$\chi^2(2) = 1.667$	.435	V=.087
Females	14.3	16.1	6.7			
Educational level %						
Primary	50.5	62.1	53.3	$\chi^2(4) = 3.758$	.440	V=.092
Secondary	21.0	16.1	26.7			
Higher	28.6	21.8	20.0			
Employment status %						
Employed	31.7	25.3	30.0	$\chi^2(6) = 4.048$	.670	V=.096
Unemployed	54.8	66.7	56.7			
Dis. benefits.	12.5	8.0	13.3			
Retired	1.0	0	0			
Marital status %						
Single	68.6	60.9	70.0	$\chi^2(6) = 4.139$	.658	V=.097
Married	7.6	14.9	13.3			
Separated/divorced	21.0	20.7	16.7			
Widowed	2.9	3.4	0.0			
Clinical setting %						
Outpatients	49.5	51.7	60.0	$\chi^2(2) = 1.026$	.599	V=.068
Inpatients	50.5	48.3	40.0			
Consumption						
Patients with abuse/dependence alcohol (%)	52.4	46.0	40.0	$\chi^2(2) = 1.715$	.424	V=.088
Patients with abuse/dependence cocaine (%)	77.1	85.1	86.7	$\chi^2(2) = 2.587$	.274	V=.108
% Use alcohol last month	42.9	44.0	43.3	$\chi^2(2) = 0.026$	.987	V=.011
% Use cocaine last month	39.8	57.6	43.3	$\chi^2(2) = 6.051$	.049	V=.169
Severity of alcohol dependence	14.21	14.43	18.17	$F(2, 104) = 0.366$	.694	$\eta^2 = .007$
<i>M</i> (SD)	(12.38)	(16.29)	(19.26)			
Severity of cocaine dependence	15.21	22.36	11.46	$F(2, 178) = 6.656$	.002	$\eta^2 = .069$
<i>M</i> (SD)	(14.84)	(16.52)	(12.98)			
Alcohol craving <i>M</i> (SD)	1.82 (1.06)	1.75 (0.93)	2.23 (1.37)	$F(2, 104) = 0.971$	.382	$\eta^2 = .018$
Cocaine craving <i>M</i> (SD)	1.61 (1.15)	1.57 (1.10)	1.23 (0.49)	$F(2, 178) = 1.307$	.273	$\eta^2 = .017$
Cognitive tasks						
WAT-DUD	0.24 (0.14)	0.26 (0.13)	0.58 (0.16)	$F(2, 219) = 78.19$	.000	$\eta^2 = .416$
IAPS	0.87 (0.08)	0.89 (0.05)	0.78 (0.15)	$F(2, 219) = 22.397$	.000	$\eta^2 = .170$
DDT	0.29 (0.21)	0.83 (0.08)	0.72 (0.12)	$F(2, 219) = 290.07$	.000	$\eta^2 = .726$

Note. *M*: mean; *SD*: standard deviation; Dis.: disability; *d.f.*: degrees of freedom; V= Cramer's V; η^2 = eta squared

Table 3

Association between profiles and relapse for each clinical environment

	n (%) relapse	Profile 1 n (%)	Profile 2 n (%)	Profile 3 n (%)	Statistic (d.f.)	p	Effect size
Inpatients and outpatients							
% cocaine relapse	75 (42.6)	31 (40.3)	26 (35.6)	18 (69.2)	<i>Chi2</i> (2) = 9.169	.010	V = .228
% alcohol relapse	54 (52.9)	27 (52.9)	18 (45.0)	9 (75.0)	<i>Chi2</i> (2) = 3.342	.188	V = .188
% alcohol and cocaine relapse	125 (58.4)	54 (55.1)	47 (54.1)	24 (80.0)	<i>Chi2</i> (2) = 6.698	.035	V = .177
Outpatients							
% cocaine relapse	46 (50.5)	18 (46.2)	16 (42.1)	12 (85.7)	<i>Chi2</i> (2) = 8.311	.016	V=.302
% alcohol relapse	30 (66.7)	10 (62.5)	13 (61.9)	7 (87.5)	<i>Chi2</i> (2) = 1.902	.386	V=.206
% alcohol and cocaine relapse	77 (71.3)	29 (63.0)	31 (70.5)	17 (94.4)	<i>Chi2</i> (2) = 6.259	.044	V=.241
Inpatients							
% cocaine relapse	29 (34.1)	13 (34.2)	10 (28.6)	6 (50.0)	<i>Chi2</i> (2) = 1.862	.500	V=.147
% alcohol relapse	24 (41.4)	17 (48.6)	5 (26.3)	2 (50)	<i>Chi2</i> (2) = 2.646	.465	V=.214
% alcohol and cocaine relapse	48 (45.3)	25 (48.1)	16 (38.1)	7 (58.3)	<i>Chi2</i> (2) = 1.864	.394	V=.133

Note. *D.f.*: degrees of freedom; V= Cramer's V.

Table 4

Logistic regression analysis on relapse in each of the profiles

Variables	Adjs. odds ratio	Std Err.	z	p	95% Conf. Interval	
Cocaine relapse (n = 176): LR Chi2(8): 20.94; p < .05; PseudoR ² = .09						
Age	0.99	0.02	-0.69	.488	.96	1.02
Gender (females)	1.14	0.53	0.28	.777	0.46	2.83
Type of center (inpatients)	0.53	0.17	-1.94	.052	0.28	1.01
Severity of dependence Alcohol	1.01	0.02	0.51	.607	0.98	1.04
Severity of dependence cocaine	1.01	0.01	1.12	.262	0.99	1.03
MACS	0.90	0.17	-0.53	.594	0.62	1.31
CCQ	0.68	0.14	-1.91	.056	0.47	1.01
Profile 2	0.74	0.26	-0.84	.403	0.37	1.49
Profile 3	3.24	1.64	2.33	.020	1.20	8.76
Alcohol relapse (n = 103): LR Chi2(8): 26.52; p < .001; PseudoR ² = .18						
Age	0.95	0.02	-2.10	.036	0.91	0.99
Gender (females)	0.97	0.73	-0.03	.978	0.23	4.18
Type of center (inpatients)	0.29	0.15	-2.46	.014	0.10	0.77
Severity of dependence Alcohol	0.99	0.02	-0.78	.438	0.95	1.02
Severity of dependence cocaine	1.02	0.02	0.89	.375	0.98	1.05
MACS	1.17	0.28	0.68	.497	0.74	1.88
CCQ	0.38	0.13	-2.90	.004	0.20	0.73
Profile 2	0.57	0.29	-1.09	.275	0.22	1.54
Profile 3	2.17	1.82	0.92	.358	0.41	11.27
Cocaine and alcohol relapse (n = 214): LR Chi2(8): 31.29; p < .001; PseudoR ² = .11						
Age	0.98	0.01	-1.43	.153	0.95	1.01
Gender (females)	0.79	0.34	-0.55	.582	0.33	1.85
Type of center (inpatients)	0.33	0.10	-3.63	.000	0.18	0.60
Severity of dependence Alcohol	0.99	0.01	-0.53	.595	0.97	1.03
Severity of dependence cocaine	1.03	0.01	1.90	.057	0.99	1.04
MACS	1.03	0.16	0.18	.855	0.76	1.38
CCQ	0.71	0.11	-2.34	.019	0.53	0.94
Profile 2	0.84	0.27	-0.55	.580	0.44	1.58
Profile 3	2.80	1.47	1.96	.050	1.00	7.81