

Title: Predictors of Longitudinal Substance Use and Mental Health Outcomes for Patients in Two Integrated Service Delivery Systems

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Supplemental Material: Scaling and means (SD) of comparable variables across two study datasets

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

Authors should ensure that the journal article contains at least one footnote referring to the Supplementary Material.

Scaling and means (SD) of comparable variables across two study datasets

Variable name	VA wording and range (N = 401)	Mean/SD	HMO wording and range (N = 331)	Mean/SD
Baseline variables				
Married (no/yes)	0-1	0.18 (0.39)	0-1	0.38 (0.49)
Black (no/yes)	0-1	0.51 (0.50)	0-1	0.08 (0.28)
Employed full or part-time (no/yes)	Were you employed at the time you were admitted to this program?* (0-1)	0.23 (0.42)	Which best describes your work situation now?* (0-1)	0.62 (0.49)
Age (years)	Same (23-75 years)	41.34 (7.72)	Same (18-64)	37.43 (9.98)
Drug-related problems (0-4)	In the past 3 months how often have you had any of these problems as a result of your drinking and/or drug use? Mean of 18 problems (health, job, legal, family, money, etc.) 0 = never, 1 = seldom, 2 = sometimes, 3 = fairly often, 4 = often	1.49 (0.69)	Single items: How troubled have you been by alcohol problems in the last 30 days, or, how troubled have you been by drug problems in the last 30 days. Higher score used. 0 = not at all, 1 = slightly, 2 = moderately, 3 = considerably, 4 = extremely.	2.68 (1.47)
Cocaine (1-5)	Mean of inject, snort, use crack. 1 = never, 2 = less than once a week, 3 = 1-3 days a week, 4 = 4-6 days a week, 5 = every day.	1.57 (0.68)	Mean of inject, snort, use crack. During the past 30 days, on how many days did you use any cocaine or crack?*	1.24 (0.69)

Appendix A: Scaling and means (SD) of comparable variables across two study datasets, Continued.				
Variable name	VA wording and range (N = 401)	Mean/SD	HMO wording and range (N = 331)	Mean/SD
Alcohol latent variable	Regular drinking (amount of days)	13.22 (11.81)	During the past 30 days, on how many days did you drink any alcohol?	11.73 (10.62)
	Maximum use	19.50 (15.21)	During the past 30 days, on how many days	8.37 (10.74)
	Amount use per day	11.10 (11.81)	did you have at least 5 drinks	
Year 1				
Drug-related problems (0-4)	Same as above	0.81 (0.84)	Same as above	0.81 (1.29)
Cocaine (1-5)	Same as above	1.24 (0.46)	Same as above	1.02 (0.15)
Alcohol latent variable	Same as above	5.82 (9.88)	Same as above	3.12 (7.23)
		8.46 (12.80)		1.11 (4.29)
		4.55 (9.14)		
Depression Anxiety latent variable	Last 3 months, BSI subscales (1 = not at all, 5 = extremely) range = 0-24.	9.38 (6.28)	During the past 30 days, has there been a period of time when you experienced serious depression? (1-2)	1.34 (0.46)
		8.31 (6.08)	Experienced serious anxiety or tension (1-2)	1.42 (0.48)
Year 5				
Drug-related problems (0-4)	Same as above	0.69 (0.84)	Same as above	0.50 (1.13)
Cocaine	Same as above	1.18 (0.44)	Same as above	1.01 (0.08)
Alcohol latent variable	Same as above	4.69 (8.26)	Same as above	3.63 (6.89)
		6.46 (10.31)		1.25 (4.00)
		3.20 (6.58)		
Depression Anxiety latent variable	Same as above	9.16 (6.73)	Same as above	1.30 (0.46)
		7.99 (6.51)		1.42 (0.49)
Service delivery				
Time in treatment	Days (2-80)	24.80 (8.93)	Days (0-428)	76.91 (100.17)
Continuing care	Days (0-281)	17.10 (35.10)	Days (0-113)	7.89 (16.86)

Appendix A: Scaling and means (SD) of comparable variables across two study datasets, Continued.				
Variable name	VA wording and range (N = 401)	Mean/SD	HMO wording and range (N = 331)	Mean/SD
Psych visits	Mental health service visits post-index until Year 1 (0-83)	4.21 (10.12)	Mental health service visits post-index until Year 1 (0-107)	4.70 (8.59)
12-step/self-help participation (0-4)	In the past 3 months, how many A.A./N.A./C.A. meetings did you attend? 0 = none, 1 = 1-9, 2 = 10-19, 3 = 20-29, 4 = 30 or more.	1.31 (1.49)	In the past 30 days, on how many days did you attend any self-help meetings for alcohol or drug problems. (extrapolated using VA scale*)	1.83 (1.67)

* items rescaled to equivalence