

Table 2. Predictors of treatment dropout overall and by sector¹

	Treatment sector															Significance of between-sector differences χ^2
	Overall			Psychiatrist			Other Mental Health Professions ²			General Medical			Human Services			
	OR	CI	χ^2	OR	CI	χ^2	OR	CI	χ^2	OR	CI	χ^2	OR	CI	χ^2	
Number of visits																
Initial (1-2)	5.8 *	3.9-8.6		1.6	.8-2.9		3.6*	2.6-5.0		5.1*	3.1-8.4		1.8	.9-3.8		
Later (3+ visit)	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
χ^2_1			83.0*			2.0			59.4*			43.6*			2.8	17.4*
Age																
18-29	1.0	.6-1.7		2.2	.3-14.0		2.0	.3-11.3		1.2	.6-2.6		.4	.1-1.4		
30-44	.9	.6-1.4		.7	.1-3.2					1.0	.6-1.7		.7	.2-2.6		
45-59	.7	.5-1.1		.4	.1-2.3					.7	.4-1.1		.3	.1-1.1		
60+	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
χ^2_3			3.6			8.8*			.6			4.9			6.7	473.7*
Gender																
Male	1.0	.7-1.3		2.2	.8-5.6		.8	.5-1.5		1.3	1.0-1.8		.3*	.1-.6		
Female	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
χ^2_1			.1			2.7			.5			3.0			10.9*	10.1*
Ethnicity																
Black	1.0	.6-1.7		2.4*	1.0-5.6	*	.6	.2-1.6		1.3	.8-2.0		1.0	.2-4.0		
Hispanic	1.2	.8-1.9		2.3	.7-8.0		1.3	.7-2.5		1.1	.7-1.8		1.3	.4-3.9		
Other	.9	.4-2.0		.0	.0-0.0		.3	.0-2.5		1.7	.8-3.5		1.2	.2-8.4		
Whites	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
χ^2_3			.8			484.1			4.0			3.0			.2	3.9
Marital status																
Married/Cohabitated	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
Sep/Div/Wid	.8	.6-1.1		.3*	.1-.7		.5*	.3-.8		.9	.6-1.4		1.5	.7-3.3		
Never Married	.9	.6-1.3		1.1	.4-2.7		.9	.5-1.5		.8	.6-1.2		.8	.4-1.8		
χ^2_2			1.5			7.3*			7.2*			1.2			1.1	6.8
Education																
0-15	1.1	.7-1.7		1.6	.5-5.0		1.9*	1.1-3.4		.9	.7-1.4		1.4	.4-4.8		
16+	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
χ^2_1			.3			.6			5.2*			.1			.4	2.2
Income																
Low	1.0	.6-1.6		4.1	.8-21.8		.9	.4-2.0		.9	.6-1.4		.4	.1-1.4		
Average-low	1.2	.8-1.9		6.0*	1.2-28.9		1.7	.8-3.6		.9	.6-1.5		1.1	.3-3.5		
Average-high	1.1	.7-1.7		1.8	.5-6.8		.8	.4-2.0		1.1	.6-2.1		2.2	.8-6.5		
High	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
χ^2_3			1.1			6.9			6.0			1.1			10.9*	34.3*
Insurance (Yes/No)	.6*	.4-.9		.3*	.1-.9		.5*	.2-1.0		.8	.5-1.2		1.0	.4-2.3		
χ^2_1			6.2*			4.9*			4.0*			1.4			.0	1.2
LT mental health treatment	.8	.6-1.0		.3*	.1-.8		.7	.4-1.3		.8	.6-1.1		1.0	.5-2.0		
χ^2_1			3.3			6.1*			1.4			1.3			.0	5.4
Mental Disorders																
Any Mood	.7	.5-1.0		.8	.3-1.9		.9	.5-1.7		.6*	.4-.9		1.1	.4-3.3		2.3
Any Anxiety	1.1	.7-1.5		1.5	.5-4.1		1.3	.7-2.7		1.0	.7-1.4		.8	.3-2.1		.4
Any Substance	.9	.6-1.5		.7	.3-2.0		1.9*	1.1-3.5		1.1	.8-1.7		1.0	.3-2.9		3.3
Any Impulse	.9	.5-1.5		1.1	.3-4.4		.5	.2-1.1		.9	.5-1.5		2.8*	1.1-7.2		12.0*

χ^2_4			5.3		3.0		11.1*		8.0		6.4		20.5
# of disorders													
Only 1	1.0	--	1.0	--	1.0	--	1.0	--	1.0	--	1.0	--	
2 or more	1.3	.8-2.1	.4	.1-2.5	.5	.2-1.3	1.5*	1.0-2.3	.7	.2-2.9			
χ^2_1			1.0		.9		2.3		4.8*		.3		10.7*
Number of Providers													
1 or 2	1.0	--	1.0	--	1.0	--	1.0	--	1.0	--	1.0	--	
3 or 4	.3*	.1-.6	1.0	.4-2.3	.9	.5-1.6	1.0	.7-1.4	.5	.2-1.0			
χ^2_1			11.8*		.0		.1		.0		4.0*		203.8*
Types of provider													
Complementary-alternative medicine (Y/N)	.3*	.2-.6	.4	.1-1.3	.4*	.2-.9	.2*	.1-.4	.7	.2-2.3			
χ^2_1			14.2*		2.6		5.5*		27.1*		.3		
Psychiatrist	.3*	.1-.6											
Other Mental Health Profession	.6*	.3-1.0											
General Medical	2.2*	1.4-3.5											
Human Services	1.0	--											
χ^2_3			81.3*										2.4
	(n) ³		(1572)		(400)		(591)		(853)		(303)		

*Significant at the .05 level of significance, two-sided test

¹ Models are multivariate (all predictors in each column entered at once) and based on a survival framework (with person-visit file); each column represents a separate multivariate model of dropout from care in that sector.

² For other mental health professions, the age categories are 18-59 vs 60 due to scarce data

³ Patients treated only in the complementary-alternative medicine sector were excluded from the analysis based on the low rate of dropout from complementary-alternative medicine treatment

Table 3. Predictors of treatment dropout overall and by sector after the first or second visits

	Treatment sector															Significance of between-sector differences χ^2
	Overall			Psychiatrist			Other Mental Health Professions ²			General Medical			Human Services			
	OR	CI	χ^2	OR	CI	χ^2	OR	CI	χ^2	OR	CI	χ^2	OR	CI	χ^2	
Age																
18-29	.9	.5-1.8		7.9*	1.1-58.2			.2-6.1		1.5	.6-3.4		.5	.1-2.2		
30-44	.9	.6-1.5		2.0	.4-9.4		1.1			1.1	.7-1.9		.6	.2-2.5		
45-59	.8	.5-1.2		.8	.1-6.2					.7	.4-1.2		.5	.1-1.8		
60+	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
χ^2_3			1.0			12.5*			.0			4.7			1.8	439.3*
Gender																
Male	1.1	.7-1.6		4.5	.9-22.2		.8	.4-1.8		1.4	.9-2.1		.2*	.1-.6		
Female	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
χ^2_1			.2			3.6			.3			2.9			9.0*	8.0*
Ethnicity																
Black	1.2	.7-2.0		2.5	.9-7.1		.5	.2-1.5		1.5	1.0-2.3		1.6	.4-6.7		
Hispanic	.9	.5-1.5		2.6	.6-10.6		1.0	.4-2.5		1.0	.6-1.6		1.4	.3-6.6		
Other	.7	.2-2.7		.0*	.0-.0		.4	.1-3.6		1.5	.5-4.3		.4	.0-6.1		
Whites	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
χ^2_3			.9			357.2*			3.0			4.0			1.3	3.4
Marital status																
Married/Cohabitated	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
Sep/Div/Wid	1.0	.6-1.4		.5	.2-1.5		.9	.4-2.1		.9	.6-1.3		1.7	.7-4.3		
Never Married	1.0	.7-1.4		.6	.2-2.0		1.0	.4-2.2		.9	.6-1.3		.8	.3-2.2		
χ^2_2			.1			1.7			.1			1.1			1.7	6.8
Education																
0-15	1.1	.7-1.6		.9	.2-4.4		1.6	.9-3.0		.9	.6-1.3		2.2	.5-10.2		
16+	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
χ^2_1			.2			.0			2.4			.2			1.1	2.2
Income																
low	1.0	.6-1.8		10.5	.9-122.5		.5	.1-1.9		.9	.5-1.5		.8	.1-4.6		
average-low	1.1	.6-1.8		2.0	.2-19.3		1.7	.7-4.5		.8	.5-1.5		3.1	.5-18.9		
average-high	1.1	.7-1.8		.6	.0-7.4		.6	.2-1.9		1.3	.6-2.5		6.2*	1.1-33.2		
high	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
χ^2_3			.2			12.2*			5.0			2.5			11.4*	36.4*
Insurance (Yes/No)	.7	.4-1.2		.4	.1-1.3		.5	.2-1.5		.7	.4-1.3		2.1	.7-6.0		
χ^2_1			2.1			2.6			1.7			1.2			1.9	2.3
LT mental health treatment	.9	.6-1.4		.2*	.1-.6		1.2	.5-2.7		.8	.6-1.2		1.4	.6-3.3		
χ^2_1			.3			7.9*			.2			1.0			.5	5.6
Mental Disorders																
Any Mood	.6	.4-1.0		.3	.1-1.6		1.3	.6-2.7		.7	.5-1.1		1.2	.3-4.0		.7
Any Anxiety	1.0	.6-1.6		5.5	.9-32.2		2.3	.8-6.4		.9	.6-1.2		.6	.2-1.6		4.4
Any Substance	.6	.3-1.0		.5	.1-2.7		1.8	.8-4.0		1.0	.6-1.7		1.0	.3-3.7		4.9
Any Impulse	.7	.3-1.5		.4	.1-1.5		.2*	.0-.9		.9	.4-1.7		2.0	.7-5.3		10.4*
χ^2_4			11.3*			9.7*			9.7*			6.6			4.2	31.4*
# of disorders																
Only 1	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
2 or more	2.5*	1.4-4.6		.4	.1-2.4		.5	.1-1.6		1.7*	1.1-2.7		1.1	.3-4.4		
χ^2_1			9.1*			1.2			1.5			6.4*			.0	6.1
Number of Providers																
1	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
2	.1*	.0-.3		.7	.3-1.9		.3	.1-.6		.5*	.3-.9		.5	.2-1.1		

χ^2_1			15.5*		.5		13.6*		5.9*		3.2		91.7*	
Types of provider														
Complementary Med(Y/N)	.2*	.1-.5		.2	.0-2.7		.2	.0-1.7		.2*	.1-.4		.6	.2-2.1
χ^2_1			10.7*			1.5		2.4			18.6*		.6	
Psychiatrist	.4	.1-1.3												
Other Mental Health Profession	1.0	.5-2.1												
General Medical	2.9	1.6-5.5												
Human Services	1.0	--												
χ^2_3			46.3*										4.8	
(n) ³		(730)		(141)		(156)		(645)		(152)				

¹Models are multivariate (all predictors in each column entered at once) and based on a survival framework (with person-visit file); each column represents a separate multivariate model of dropout from care in that sector. Because the sample is restricted to those with 1-2 visits- it is not possible to have more than 2 providers.

²For other mental health professions, the age categories are 18-59 vs 60 due to scarce data

³Number of cases that received treatment from the provider

Table 4. Predictors of treatment dropout overall and by sector after three or more visits

	Treatment sector															Significance of between-sector differences χ^2
	Overall			Psychiatrist			Other Mental Health Professions ²			General Medical			Human Services			
	OR	CI	χ^2	OR	CI	χ^2	OR	CI	χ^2	OR	CI	χ^2	OR	CI	χ^2	
Age																
18-29	.6	.2-2.2		.2	.0-4.8		1204.9-8930.0		1.2	.2-8.4		.7	.0-25.0			
30-44	.5	.2-1.3		.1	.0-1.8		3280.2*		2.1	.4-10.8		3.0	.1-100.6			
45-59	.2	.1-1.0		.1	.0-4.6				1.7	.4-7.3		.0*	.0-0			
60+	1.0	--		1.0	--		1.0	--	1.0	--		1.0	--			
χ^2_3			4.2			3.9			266.1*		1.0			157.6*		284.8*
Gender																
Male	.5	.2-1.6		2.0	.5-8.1		.9	.3-2.6		1.1	.2-5.0		.6	.2-1.8		
Female	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
χ^2_1			1.3			1.1			.0		.0			.8		2.7
Ethnicity																
Black	.4	.1-1.6		4.0*	1.0-15.0		.5	.1-2.0		.0*	.0-0		.0*	.0-0		
Hispanic	3.3*	1.3-8.5		2.7	.2-29.7		1.3	.5-3.5		1.6	.2-11.4		8.9*	1.1-73.5		
Other	1.6	.4-6.5		.0*	.0-0		.0*	.0-0		5.6	.2-140.8		7.3	.8-62.9		
Whites	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
χ^2_3			8.8*			75.5*			499.6*		98.2*			450.6*		1.9
Marital status																
Married/Cohabitated	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
Sep/Div/Wid	.6	.2-1.6		.0*	.0-7		.1*	.0-5		2.0	.5-8.4		.6	.1-4.3		
Never Married	.8	.3-2.0		2.8	.6-14.4		.7	.3-1.5		.8	.2-4.3		.6	.1-4.0		
χ^2_2			1.2			5.3			9.5*		1.8			.7		7.4
Education																
0-15	1.0	.3-3.1		3.5	.5-23.4		2.5	.9-6.9		.3	.0-2.9		1.1	.2-6.8		
16+	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
χ^2_1			.0			1.8			3.1		1.1			.0		4.8
Income																
Low	1.9	.7-5.4		1.0	.2-5.8		2.8	.8-9.6		.7	.0-14.5		.5	.1-2.9		
average-low	4.6*	1.4-14.9		54.4*	8.1-366.1		2.9	.9-8.6		3.6	.4-29.8		.7	.2-3.1		
average-high	1.8	.5-6.1		5.0*	1.0-23.7		2.0	.6-6.3		.1	.0-3.2		.8	.1-5.3		
High	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
χ^2_3			9.8*			20.0*			4.1		11.0*			.9		5.8
Insurance (Yes/No)																
Yes	.3*	.1-7		.1*	.0-7		.5*	.2-1.0		2.7	.2-47.1		.8	.2-3.5		
No																
χ^2_1			8.0*			6.2*			4.6*		.5			.1		4.0
LT mental health treatment																
Yes	.4*	.2-8		.3	.1-1.7		.5	.2-1.1		2.2	.6-8.6		1.2	.3-4.7		
No																
χ^2_1			6.4*			2.0			3.2		1.5			.1		1.2
Mental Disorders																
Any Mood	1.0	.4-2.4		2.0	.3-11.3		1.0	.3-3.1		.4	.0-5.9		.7	.1-5.3		1.3
Any Anxiety	1.4	.7-2.7		.9	.3-3.4		1.0	.4-2.7		4.3	.4-47.7		1.0	.2-4.8		2.2
Any Substance	4.5*	1.9-10.7		3.0	.8-11.8		2.3*	1.0-5.2		4.5	.7-27.5		.7	.2-2.9		8.9*
Any Impulse	1.4	.4-5.1		10.8*	1.7-67.9		1.1	.4-2.9		.9	.1-13.5		3.6	.6-20.7		1.5
χ^2_4			14.1*			9.0			7.8		9.2			2.7		15.0
# of disorders																
Only 1	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
2 or more	.1*	.0-6		.1*	.0-8		.4	.1-2.0		.5	.0-12.2		.3	.0-3.5		
χ^2_1			8.4*			5.0*			1.5		.2			.9		5.0
Number of Providers																
1 or 2	1.0	--		1.0	--		1.0	--		1.0	--		1.0	--		
3 or 4	.4*	.2-1.0		2.1	.8-6.0		1.4	.6-3.0		6.5*	1.2-36.8		1.1	.2-6.7		
χ^2_1			3.8*			2.2			.7		4.8*			.0		129.9*

Types of provider													
Complementary-alternative medicine (Y/N)	.4*	.1-1.0		.8	.2-3.7		.7	.3-1.7		.0*	.0-.4	2.1	.3-16.4
χ^2_1			4.0*			.1			.6			7.5*	.6
Psychiatrist	.4	.1-1.4											
Other Mental Health Profession	.3*	.2-.6											
General Medical	1.8	.8-4.5											
Human Services	1.0	--											
χ^2_3			16.6*										.9
(n) ⁵		(842)		(259)			(435)			(208)		(151)	

¹Models are multivariate (all predictors in each column entered at once) and based on a survival framework (with person-visit file); each column represents a separate multivariate model. No extra controls (aside from the predictors specified in the table) were used for the models.

²For other mental health professions, the age categories are 18-59 vs 60 and # of providers with 1 vs 2-4 instead due to scarce data

³For interactions across providers, the categories used for age is 18-59 vs 60, for # of providers is 1 vs 2-4. Other categories are as specified in the rows. Interactions are done separately for each predictor instead of all interaction terms in the same model. Each interaction model controls for all predictors

⁴Three df interaction tests done for types of disorders and # of disorders

⁵Number of cases that received treatment from the provider